SAN MATEO-FOSTER CITY SCHOOL DISTRICT
FACILITIES AND CONSTRUCTION
ADDENDUM NO.1

Date: February 5, 2026

Project: BOWDITCH MIDDLE SCHOOL – HAZMAT REMEDIATION – PHASE A

Bid No.: 26-01

To Prospective Bidders:
Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

CHANGES TO BID PACKAGE DOCUMENTS AND CONTRACT REQUIREMENTS

AD01.01 Contract completion date changed to June 19, 2026

AD01.02 Pre-bid agenda

AD01.03 Bid Walk sign-in sheet from Jan. 27, 2026 and Feb. 3, 2026 job walks

AD01.04 Contractor will be required to keep all IDFs & MDF operational throughout until late June (actual date TBD). Contractor will need to perform the HAZMAT work of these rooms between June 13-19, 2026. Contractor will be required to keep all cameras and exterior speakers, & rooftop antenna system operational until June 13, 2026.

AD01.05 Contractor will be responsible for placing drainage protection at 1 drain inlet in grass area (staging area)

AD01.06 Contractor will be responsible for safing off all utilities to perform work.

AD01.07 Contractor required to remove and the proper & legal disposal of all debris generated from performing work.

AD01.08 Bowditch 2003 Modernization drawings (For Reference Only)

AD01.09 Bowditch 1968 drawings (For Reference Only)

AD01.10 Allowed laydown area for Hazmat Remediation Contractor.

PRE-BID CONFERENCE

San Mateo-Foster City School District
Bowditch Middle School
1450 Tarpon Street
Foster City, CA

January 27, 2026 at 9:00 a.m. & February 3, 2026 at 9:00 a.m.

Bid No. 26-01

HAZMAT – Phase A

AGENDA

1. **Introductions**

   Vista Environmental
   - a. Chuck Bove
   - b. Chris Burns
     chrisburns@vista-env.com

   San Mateo-Foster City School District
   - a. Bob Price – Senior Construction Project Manager
     rprice@smfcsd.net (650) 312-7499
   - b. Melany Ronzani – Construction Project Engineer mronzani@smfcsd.net
     (650) 638-7040

2. **Attendance Sheet**
   - Please sign in on the attendance sheet. Sign-in is a requirement in order to bid the project.

3. **Project Description/Scope**
   - HAZMAT Remediation in Pods D, E, F, G, H, I, & J/Media Center/Library
   - Access to site – construction entrance will be one of the current sidewalk entrances off of Beach Park Blvd. If contractor chooses to remove a portion of the existing school fencing, then it will need to be restored back to existing at the end of the project. Temporary fencing will be required to

block pedestrian traffic within the school grounds for contractor's access to the building and into the school from the city sidewalk – whatever is needed for this contractor to make work area safe and secure – will need to be approved by the District.

- Staging area – will be required to coordinate with District

4. Access to the site

- No deliveries/pick up during school drop-off and pick-up times
- Large vehicles are not allowed on neighboring streets around the school during drop-off and pick-up times

5. Deadlines

- Time is of the Essence on this Project. The District will work with the Contractor on scheduling issues to the greatest extent possible. However, the Contractor will be ultimately responsible for meeting the required Completion Dates.

6. Milestone Completion Dates

- ❖ February 13, 2026 – Last day for RFI's (5 p.m. deadline)
- ❖ February 18, 2026 – Last Addendum (at the latest)
- ❖ February 24, 2026 – Bids due at 2:00 pm
- ❖ March 3, 2026 – Notice of Award (Tentative)
- ❖ March 4-18, 2026 – Bonds & Insurance submitted to the District and Submittals to the Architect
- ❖ March 19, 2026 – Notice to Proceed (Tentative)
- ❖ March 30, 2026 – Construction activities start (including fencing)
- ❖ May 29, 2026 - Contract Completion

7. Worker Conduct

- All workers are expected to conduct themselves in a professional manner. Smoking of any kind is NOT permitted on the school campus. There is a $100 fine for each occurrence.
- No foul language or obscenities

8. Work Hours

- Contractor shall work normal working hours as allowed by the City of Foster City. The contractor must notify the District 24 hours in advance of work, in writing, on the weekends.

- The contractor must notify the District 72 hours in writing, in advance, of any utility shut-downs. Utility shut-downs will need to be coordinated with the District in advance.

9. Labor Compliance Program

- This is a prevailing wage job. The contractor is required to follow the CA Department of Industrial Relations (DIR) requirements. Outlined in Document 00 21 13.

10. Reference Drawings

The construction drawings are available at the following **Builders Exchanges**:
Construction Bidboard (Ebidboard) support@ebidboard.com

Dodge Data & Analytics support@construction.com

The San Francisco Builders Exchange deanna@bxofsf.com

Bay Area Builders Exchange info@bayareabx.com

AND
ARC Reprographics ARC San Carlos – Bid Services
Contact: Scott Braley
Tel: (650) 631-2310
Email: sancarlos@e-arc.com
The bidder is responsible for all printing, shipping and handling fees.

11. Bidding Documents (listed in Document 00 21 13)

a. District's Bid Form (Document 00 41 13)
b. Bid Bond or other security (Document 00 43 13)
c. Designated Subcontractors List (Document 00 43 36)
d. Site-Visit Certification (Document 00 45 01)
e. Non-collusion Declaration (Document 00 45 19)
f. Iran Contracting Act Certification (Document 00 45 22)

12. Questions?

Pre-Bid questions – submit to Chris Burns at Vista Environmental at chrisburns@vista-env.com **and cc to Bob Price at rprice@smfcsd.net and Melany Ronzani at mronzani@smfcsd.net – include Bowditch HAZMAT – Phase A in the "subject line.**

AD01.03

BID-WALK
SIGN-IN SHEET

SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT
LIVE·LEAD·LEARN

BOWDITCH HAZMAT - PHASE A
BID NO. 26-01
1/27/2026
MANDATORY BID WALK TIME: 9:00 AM

COMPANY NAME	CONTACT INFORMATION	ADDRESS
Eisen Enviromental	**CONTACT:** Scott Eisen **PHONE:** 925-787-9621 **E-MAIL:** scott@eisenenviromental.com	**ADDRESS:** 4878 Sunrise Drive Martinez, CA 94553
Vista Enviromental	**CONTACT:** Chuck Bove **PHONE:** 925-948-5097 **E-MAIL:** chuck.bove@vista-env.com	**ADDRESS:** 2984 Teagarden Street San Leandro, CA 94577
Coastwide Enviromental & Demo	**CONTACT:** Juan Ochoa **PHONE:** 831-673-1190 **E-MAIL:** juanjose@coastwide.net	**ADDRESS:** 170 2nd Street Watsonville, CA 95076
Alliance Contracting	**CONTACT:** James Althouse **PHONE:** 510-667-993 **E-MAIL:** james@alliance-contracting.com	**ADDRESS:** 1777 Neptune Drive San Leandro, CA 94577
	CONTACT: **PHONE:** **E-MAIL:**	**ADDRESS:**
	CONTACT: **PHONE:** **E-MAIL:**	**ADDRESS:**
	CONTACT: **PHONE:** **E-MAIL:**	**ADDRESS:**
	CONTACT: **PHONE:** **E-MAIL:**	**ADDRESS:**

BID-WALK
SIGN-IN SHEET

SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT
LIVE·LEAD·LEARN

BOWDITCH HAZMAT - PHASE A

BID NO. 26-01

1/27/2026

MANDATORY BID WALK TIME: 9:00 AM

	COMPANY NAME			CONTACT INFORMATION	ADDRESS
1	EiSEN ENVIRONMENTAL			CONTACT: SCOTT EiSEN PHONE: 925-787-9621 E-MAIL: scott@eisenenvironmental.com	ADDRESS: 4878 SUNRiSE DR MARTINEZ, CA 94553
2	VISTA ENVIRONMENTAL			CONTACT: Chuck Bove PHONE: 925-948-5097 E-MAIL: chuck@VISTA-ENV.com	ADDRESS: 2984 TEAGARDEN ST SAN LEANDRO, CA 94577
3	Cal Coastwide Environmental			CONTACT: Juan Ochoa PHONE: 831 6731190 E-MAIL: juanjose@coastwide.net	ADDRESS: 170 Second st watsonville CA 95076
4	Alliance Contracting S			CONTACT: James Althouse PHONE: 516-667-9934 E-MAIL: James@alliance-contracting.com	ADDRESS: 1777 Neptune dr san leandro CA
5				CONTACT: PHONE: E-MAIL:	ADDRESS:
6				CONTACT: PHONE: E-MAIL:	ADDRESS:
7				CONTACT: PHONE: E-MAIL:	ADDRESS:
8				CONTACT: PHONE: E-MAIL:	ADDRESS:

BID-WALK
SIGN-IN SHEET

SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT
LIVE·LEAD·LEARN

BOWDITCH HAZMAT - PHASE A
BID NO. 26-01
2/3/2026
MANDATORY BID WALK TIME: 9:00 AM

	COMPANY NAME	CONTACT INFORMATION	ADDRESS
1	CVE	**CONTACT:** Jason Ainsworth **PHONE:** (559) 951-2481 **E-MAIL:** jason@cvecorp.com	**ADDRESS:** 4263 N. Selland Ave Fresno, CA 93722
2	Hilltop ASB Corp	**CONTACT:** Eduardo Delgadillo **PHONE:** (510) 320-6470 **E-MAIL:** eddiedelgadillo@hilltopasb.com	**ADDRESS:** 3230 Arden Rd Hayward, CA 94545
3	Resource Enviromental	**CONTACT:** Bids **PHONE:** (562) 468-7000 **E-MAIL:** bids@resource-env.com	**ADDRESS:** 13100 Alondra Blvd, Suite #108 Cerritos, CA 90703
4	PARC Enviromental	**CONTACT:** Daniel Sanchez **PHONE:** (559)999-5427 **E-MAIL:** dsanchez@parcenviromental.com	**ADDRESS:** 2864 E. Dorothy Ave Fresno, CA 93706
5	Vista Enviromental	**CONTACT:** Chris Burns **PHONE:** (925) 348-5361 **E-MAIL:** chrisburns@vista-env.com	**ADDRESS:** 2984 Teagarden St San Leandro, CA 94577
6	Asbestos Management Group	**CONTACT:** Alejandro Garcia **PHONE:** (916) 709-4630 **E-MAIL:** agarcia@amgofca.com	**ADDRESS:** 3438 Helen St Oakland, CA 94608
7		**CONTACT:** **PHONE:** **E-MAIL:**	**ADDRESS:**
8		**CONTACT:** **PHONE:** **E-MAIL:**	**ADDRESS:**

BID- WALK
SIGN-IN SHEET

SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT
LIVE·LEAD·LEARN

BOWDITCH HAZMAT - PHASE A
BID NO. 26-01
2/3/2026
MANDATORY BID WALK TIME: 9:00 AM

	COMPANY NAME	CONTACT INFORMATION	ADDRESS
1	CVE	CONTACT: Jason Ainsworth PHONE: 559-951-2481 E-MAIL: jasona@cvecorp.com	ADDRESS: 4263 N Selland Fresno CA 93722
2	Hilltop ASB Corp	CONTACT: Eduardo Delgadillo PHONE: (510) 320-6470 E-MAIL: eddiedelgadillo@hilltopasb.com	ADDRESS: 3230 Arden Rd Hayward, CA
3	Resource Environmental Inc	CONTACT: Bids PHONE: 562-468-7600 E-MAIL: Bids@resource-env.com	ADDRESS: 13100 Alondra Blvd, Ste 108 Cerritos CA 90703
4	PARC Environmental	CONTACT: Daniel Sanchez PHONE: 559-999-5427 E-MAIL: dsanchez@parcenvironmental.com	ADDRESS: 2864 E Dooley Ave Fresno, CA, 93706
5	VISTA Environmental	CONTACT: CHRIS BURNS PHONE: 925.348.5361 E-MAIL: CHRISBURNS@VISTA-ENV.com	ADDRESS: 2984 Teagarden St San Leandro, CA 94577
6	Asbestos management group	CONTACT: Alejandro Garcia PHONE: 916-709-4630 E-MAIL: agarcia@amgofca.com	ADDRESS: 3438 helen st. oakland ca 94608
7		CONTACT: PHONE: E-MAIL:	ADDRESS:
8		CONTACT: PHONE: E-MAIL:	ADDRESS:

AD01.08 BOWDITCH 2003
MODERNIZATION DRAWINGS
(FOR REFERENCE ONLY)

EST. HOURS

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%
STATUS BAR

BOWDITCH MIDDLE SCHOOL

1450 Tarpon Street
Foster City, CA
SAN MATEO–FOSTER CITY SCHOOL DISTRICT

O.P.S.C. APPLICATION NO.

DSA FILE NO. 41-26

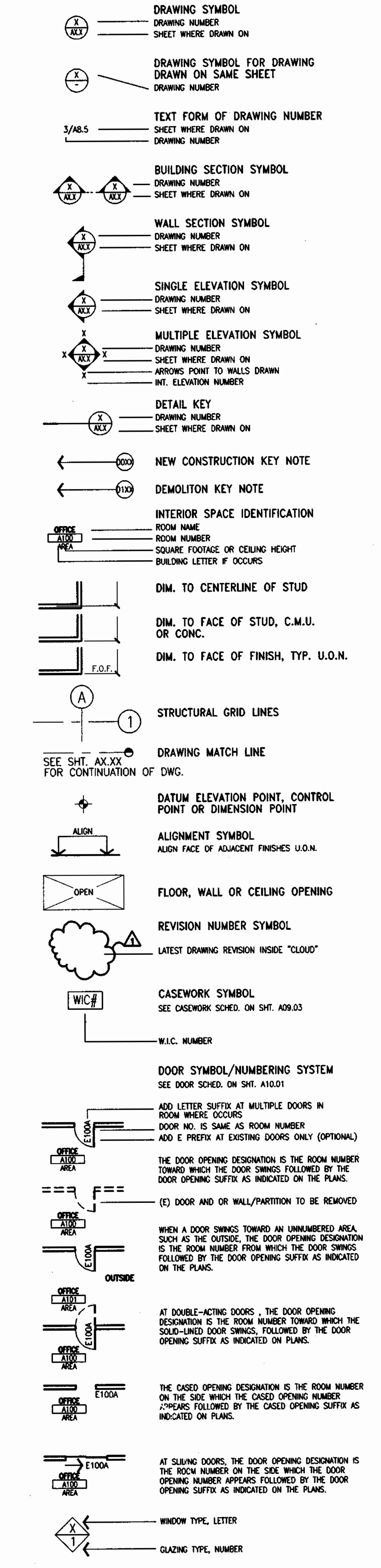
DSA APPLICATION #01-101836

ABBREVIATIONS

NOTE : NOT ALL ABBREVIATIONS MAY BE USED IN THIS PROJECT

&	AND
L	ANGLE
@	AT
℄	CENTERLINE
[	CHANNEL
ø	DIAMETER OR ROUND
//	PARALLEL
d	PENNY
⊥	PERPENDICULAR
#	POUND OR NUMBER
PL	PLATE
A.B.	ANCHOR BOLT OR (ADDITIVE BID)
ABV.	ABOVE
A/C	AIR CONDITIONING
A.C.	ASPHALT CONCRETE
ACOUST.	ACOUSTICAL
A.C.P.	ACOUSTICAL CEILING PANEL
A.C.T.	ACOUSTICAL CEILING TILE
A.D.	AREA DRAIN
ADA	AMERICAN DISABILITIES ACT
ADD.	ADDITIVE (OR ADDENDUM)
ADD'L	ADDITIONAL
ADHES.	ADHESIVE
ADJ.	ADJUSTABLE (OR ADJACENT)
ADMIN.	ADMINISTRATION
A.F.F.	ABOVE FINISHED FLOOR
AGGR.	AGGREGATE
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTERNATE
ANOD.	ANODIZED
A.P.	ACCESS PANEL
APROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
A.S.	ASPHALT SHINGLES
ASPH.	ASPHALT
AUTO.	AUTOMATIC
A-V	AUDIO – VISUAL
A.W.P.	ACOUSTICAL WALL PANEL
BD.	BOARD
BET.	BETWEEN
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLKG.	BLOCKING
BM.	BEAM
B.O.	BOTTOM OF
BOT.	BOTTOM
B.S.	BACK OF SIDEWALK
BSMT.	BASEMENT
B.U.R.	BUILT-UP ROOFING
CAB.	CABINET
C.B.	CATCHBASIN
C.BD.	CHALKBOARD
C.B.U.	CEMENTITIOUS BACKER UNIT
C.C.R.	CALIFORNIA CODE OF REGULATIONS
CEM.	CEMENT
CER.	CERAMIC
C.G.	CORNER GUARD
C.H.	CEILING HEIGHT
C.I.	CAST IRON
C.J.	CONTROL JOINT (OR CONSTRUCTION JOINT)
C.L.	CHAIN LINK
CLER.	CLERESTORY
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
C.M.U.	CONCRETE MASONRY UNIT
CNTR.	CENTER
C.O.	CASED OPENING (CLEAN OUT)
COL.	COLUMN
COMB.	COMBINATION
CONC.	CONCRETE
CONF.	CONFERENCE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CORR.	CORRIDOR
CPT.	CARPET
C.T.	CERAMIC TILE
CTSK.	COUNTERSUNK
D.	DEEP
DBL.	DOUBLE
DEMO.	DEMOLITION
DEPT.	DEPARTMENT
DET.	DETAIL
D.F.	DRINKING FOUNTAIN
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DIN.	DINING
DISP.	DISPENSER
DN.	DOWN
D.O.	DOOR OPENING
DR.	DOOR
DRESS.	DRESSING
D.S.	DOWNSPOUT
DWG.	DRAWING
DWR.	DRAWER
(E)	EXISTING
E.	EAST
EA.	EACH
E.B.	EXPANSION BOLT
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELAS.	ELASTOMERIC
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSURE
E.O.S.	EDGE OF SLAB
E.P.	ELECTRICAL PANELBOARD
E.P.S.	EXPANDED POLYSTYRENE
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.S.	EACH SIDE
EXAM.	EXAMINATION
EXH.	EXHAUST
EXP.	EXPANSION
EXPO.	EXPOSED
EXT.	EXTERIOR
E.W.	EACH WAY (OR EAST-WEST)
E.W.C.	ELECTRIC WATER COOLER
E.W.P.	ELASTOMERIC WATERPROOFING
E.M.T.	ELECTRICAL METAL TUBING
F.A.	FIRE ALARM
F.B.	FLAT BAR
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FED.	FEDERAL
F.F.	FINISHED FLOOR
F.H.C.	FIRE HOSE CABINET
F.H.W.S.	FLAT HEAD WOOD SCREW
F.H.M.S.	FLAT HEAD MACHINE SCREW
FIN.	FINISHED
FIXT.	FIXTURE
FL.	FLOOR
FLASH.	FLASHING
FLUOR.	FLUORESCENT
F.O.	FACE OF
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
F.O.W.	FACE OF WALL
FR.	FRAME
F.R.P.	FIBER REINFORCED PANEL
FRPF.	FIREPROOFING
F.R.T.	FIRE RETARDANT TREATED
F.S.	FULL SIZE
FTG.	FOOTING
FURR.	FURRING
FUT.	FUTURE
F.W.C.	FABRIC WALL COVERING
GA.	GAUGE
G.A.	GYPSUM ASSOCIATION
GALV.	GALVANIZED
G.B.	GRAB BAR
GEN.	GENERAL
G.F.R.C.	GLASS FIBER REINFORCED CONC.
GL.	GLASS
G.L.B.	GLULAM BEAM
GND.	GROUND
GOVT.	GOVERNMENT
GR.	GRADE
GYP.	GYPSUM
H.	HIGH
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
HCP.	HANDICAPPED
HD.	HAND
HDR.	HEADER
HDWD.	HARDWOOD
HDWE.	HARDWARE
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
HR.	HOUR
HT.	HEIGHT
H.T.	HEAVY TIMBER
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONG
I.D.	INSIDE DIAMETER
I.D.F.	INTERMEDIATE DISTRIBUTION FRAME
IN.	INCH
INCAND.	INCANDESCENT
INCL.	INCLUDE
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
JAN.	JANITOR
JT.	JOINT
KIT.	KITCHEN
L.	LENGTH
LAB.	LABORATORY
LAM.	LAMINATE
LAV.	LAVATORY
L.B.	LAG BOLT
LG.	LONG
LKR.	LOCKER
LOUV.	LOUVER
L.P.	LOW POINT
LT.	LIGHT
MAINT.	MAINTENANCE
MAT.	MATERIAL
MAX.	MAXIMUM
M.B.	MACHINE BOLT
M.BD.	MARKER BOARD
M.C.	MEDICINE CABINET
M.D.F.	MAIN DISTRIBUTION FRAME
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
M.H.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MTD.	MOUNTED
MUL.	MULLION
MWP	METAL WALL PANEL
(N)	NEW
N.	NORTH
N.E.	NORTHEAST
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.P.S.	NOMINAL PIPE SIZE
N.S.	NORTH-SOUTH
N.T.S.	NOT TO SCALE
N.W.	NORTHWEST
O/	OVER
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.D.	OVERFLOW DRAIN
OFF.	OFFICE
O.F.S.	OVERFLOW SCUPPER
O.H.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
O.S.C.I.	OWNER SUPPLIED, CONTRACTOR INSTALLED
OZ.	OUNCE
P.A.	PLANTING AREA
P.H.	PANIC HARDWARE
P.E.	PORCELAIN ENAMEL
PL.	PLATE
P.L.	PROPERTY LINE
P. LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWD	PLYWOOD
PNL.	PANEL
POL.	POLISHED
PR.	PAIR
PRCST.	PRECAST
PT.	POINT
P.T.	PRESSURE TREATED (OR POST TENSIONED)
P.T.D.	PAPER TOWEL DISPENSER
P.T.D./R	PAPER TOWEL DISPENSER & RECEPTACLE
PTN.	PARTITION
PVC	POLYVINYL CHLORIDE
PAF	POWER ACTIVATED FASTENER
Q.T.	QUARRY TILE
(R)	REMOVE
R.	RISER
RAD.	RADIUS
R.B.	RUBBER BASE
RCP.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
REF.	REFERENCE
REFL.	REFLECTED
REFR.	REFRIGERATOR
REQD.	REQUIRED
RESIL.	RESILIENT
REV.	REVISION
RGTR.	REGISTER
R.H.	ROBE HOOK
RM.	ROOM
R.O.	ROUGH OPENING
R.H.W.S.	ROUND HEAD WOOD SCREW
RUB.	RUBBER
RWD.	REDWOOD
R.W.L.	RAINWATER LEADER
S.	SOUTH
S.C.	SOLID CORE
S.C.D.	SEE CIVIL DRAWINGS
SCHED.	SCHEDULE
S.D.	SOAP DISPENSER
S.E.	SOUTHEAST
SEAL.	SEALANT
SEC.	SECURITY
SECT.	SECTION
S.E.D.	SEE ELECTRICAL DWGS.
S.F.	SQUARE FOOT
S.F.M.	STATE FIRE MARSHALL
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SHTG.	SHEATHING
SIM.	SIMILAR
S.L.D.	SEE LANDSCAPE DWGS.
S.M.	SHEET METAL
S.M.D.	SEE MECHANICAL DWGS.
S.M.S.	SHEET METAL SCREW
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
S.O.G.	SLAB ON GRADE
S.P.	SALLYPORT
S.P.D.	SEE PLUMBING DWGS.
SPEC.	SPECIFICATION
SQ.	SQUARE
S.S.D.	SEE STRUCTURAL DWGS.
S.SK	SERVICE SINK
S.STL.	STAINLESS STEEL
STA.	STATION
STC	SOUND TRANSMISSION CLASS
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
S.V.	SHEET VINYL
S.W.	SOUTHWEST
SYM.	SYMMETRICAL
T.	TREAD
T.B.	TOWEL BAR
T.& B.	TOP AND BOTTOM
T.BD.	TACK BOARD
T.C.	TOP OF CURB
T.C.A.	TILE COUNCIL OF AMERICA
TEL.	TELEPHONE
TEMP.	TEMPERED
TER.	TERRAZZO
T&G	TONGUE AND GROOVE
THK.	THICK
THRES.	THRESHOLD
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE
TOIL.	TOILET
T.O.S.	TOP OF STEEL
T.P.	TOILET PARTITION
TRANS.	TRANSFORMER
TS	TUBULAR STEEL
T.S.C.D.	TOILET SEAT COVER DISPENSER
T.T.D.	TOILET TISSUE DISPENSER
T.V.	TELEVISION
T.W.	TOP OF WALL
TYP.	TYPICAL
U.B.C.	UNIFORM BUILDING CODE
U.L.	UNDERWRITER'S LABORATORY
UNF.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
UR.	URINAL
V.C.T.	VINYL COMPOSITION TILE
V.C.T.B.	VINYL COVERED TACKBOARD
VENT.	VENTILATOR
VERT.	VERTICAL
VEST.	VESTIBULE
V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
V.I.F.	VERIFY IN FIELD
V.W.C.	VINYL WALL COVERING
W.	WEST (OR WIDTH)
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
WDW.	WINDOW
W.F.	WIDE FLANGE
W.G.	WIRE GLASS
W.H.	WATER HEATER
W.O.	WHERE OCCURS
W/O.	WITHOUT
WP.	WATERPROOFING
WPM	WATERPROOF MEMBRANE
W. PT.	WORK POINT
W.R.	WATER RESISTANT
WSCT.	WAINSCOT
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC
YD.	YARD

SYMBOLS



DRAWING SYMBOL
- DRAWING NUMBER
- SHEET WHERE DRAWN ON

DRAWING SYMBOL FOR DRAWING DRAWN ON SAME SHEET
- DRAWING NUMBER

TEXT FORM OF DRAWING NUMBER
- SHEET WHERE DRAWN ON
- DRAWING NUMBER

BUILDING SECTION SYMBOL
- DRAWING NUMBER
- SHEET WHERE DRAWN ON

WALL SECTION SYMBOL
- DRAWING NUMBER
- SHEET WHERE DRAWN ON

SINGLE ELEVATION SYMBOL
- DRAWING NUMBER
- SHEET WHERE DRAWN ON

MULTIPLE ELEVATION SYMBOL
- DRAWING NUMBER
- SHEET WHERE DRAWN ON
- ARROWS POINT TO WALLS DRAWN
- INT. ELEVATION NUMBER

DETAIL KEY
- DRAWING NUMBER
- SHEET WHERE DRAWN ON

NEW CONSTRUCTION KEY NOTE

DEMOLITON KEY NOTE

INTERIOR SPACE IDENTIFICATION
- ROOM NAME
- ROOM NUMBER
- SQUARE FOOTAGE OR CEILING HEIGHT
- BUILDING LETTER IF OCCURS

DIM. TO CENTERLINE OF STUD

DIM. TO FACE OF STUD, C.M.U. OR CONC.

DIM. TO FACE OF FINISH, TYP. U.O.N.

STRUCTURAL GRID LINES

DRAWING MATCH LINE
SEE SHT. AX.XX FOR CONTINUATION OF DWG.

DATUM ELEVATION POINT, CONTROL POINT OR DIMENSION POINT

ALIGNMENT SYMBOL
ALIGN FACE OF ADJACENT FINISHES U.O.N.

FLOOR, WALL OR CEILING OPENING

REVISION NUMBER SYMBOL
LATEST DRAWING REVISION INSIDE "CLOUD"

CASEWORK SYMBOL
SEE CASEWORK SCHED. ON SHT. A09.03
- W.I.C. NUMBER

DOOR SYMBOL/NUMBERING SYSTEM
SEE DOOR SCHED. ON SHT. A10.01
- ADD LETTER SUFFIX AT MULTIPLE DOORS IN ROOM WHERE OCCURS
- DOOR NO. IS SAME AS ROOM NUMBER
- ADD E PREFIX AT EXISTING DOORS ONLY (OPTIONAL)

THE DOOR OPENING DESIGNATION IS THE ROOM NUMBER TOWARD WHICH THE DOOR SWINGS FOLLOWED BY THE DOOR OPENING SUFFIX AS INDICATED ON THE PLANS.

(E) DOOR AND OR WALL/PARTITION TO BE REMOVED

WHEN A DOOR SWINGS TOWARD AN UNNUMBERED AREA, SUCH AS THE OUTSIDE, THE DOOR OPENING DESIGNATION IS THE ROOM NUMBER FROM WHICH THE DOOR SWINGS FOLLOWED BY THE DOOR OPENING SUFFIX AS INDICATED ON THE PLANS.

AT DOUBLE-ACTING DOORS , THE DOOR OPENING DESIGNATION IS THE ROOM NUMBER TOWARD WHICH THE SOLID-LINED DOOR SWINGS, FOLLOWED BY THE DOOR OPENING SUFFIX AS INDICATED ON PLANS.

THE CASED OPENING DESIGNATION IS THE ROOM NUMBER ON THE SIDE WHICH THE CASED OPENING NUMBER APPEARS FOLLOWED BY THE CASED OPENING SUFFIX AS INDICATED ON PLANS.

AT SLIDING DOORS, THE DOOR OPENING DESIGNATION IS THE ROOM NUMBER ON THE SIDE WHICH THE DOOR OPENING NUMBER APPEARS FOLLOWED BY THE DOOR OPENING SUFFIX AS INDICATED ON THE PLANS.

- WINDOW TYPE, LETTER
- GLAZING TYPE, NUMBER

PROJECT DIRECTORY

OWNER
SAN MATEO-FOSTER CITY SCHOOL DISTRICT
55 WEST 43RD AVENUE
SAN MATEO, CA 94403
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DIRECTOR OF FACILITIES: PAT DALTON
CONSTRUCTION PROJECT MANAGER: WAYNE FISHER

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VBN ARCHITECTS
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STRUCTURAL ENGINEER
DASSE DESIGN INC.
1999 HARRISON ST., SUITE 500
OAKLAND, CA 94612
PH: (510) 433-9370 FAX: (510) 433-9378
PROJECT ENGINEER: BILL ANDREWS

ELECTRICAL ENGINEER
POLA, INC.
THE RINCON CENTER
101 SPEAR STREET, SUITE 225
SAN FRANCISCO, CA 94105-1558
PH: (415) 765-0451 FAX: (415) 765-0450
PROJECT ENGINEER: TONY JAKOSALEM

MECHANICAL/PLUMBING
UNITED ENGINEERS OF SAN FRANCISCO
15 VANDERWATER STREET
SAN FRANCISCO, CA 94133
PH: (415) 397-6111 FAX: (415) 397-6050
PROJECT ENGINEER: LEVI MALABUYO, HVAC
PROJECT ENGINEER: ED DIZON, PLUMBING

PROJECT DATA

PROJECT DATA — SEE PLAN FOR LOCATION OF 2 HR. WALLS

BLDG.	AREA DESIGNATION	YEAR BUILT	DSA/ORS APPL. #	CONSTR. TYPE	OCCUP. TYPE	ACTUAL AREA (GROSS S.F.) EXISTING	NEW	TOTAL	HEIGHT (STORY)
A	ADMINISTRATION	1968	29448	V-N	B	3,548	0	3,548	1
B	MUSIC	1968	29448	V-N	E-1	4,242	0	4,242	1
C	CLSRM./TEACHER	1968	29448	V-1HR.	E-1	2,948	0	2,948	1
D	CLASSROOM	1968	29448	V-1HR.	E-1	6,110	0	6,110	1
E	CLASSROOM	1968	29448	V-1HR.	E-1	5,547	0	5,547	1
F	CLASSROOM	1968	29448	V-1HR.	E-1	7,026	0	7,026	1
G	SCIENCE CLSRM.	1968	29448	V-1HR.	E-1	6,868	0	6,868	1
H	CLASSROOM	1968	29448	V-1HR.	E-1	7,825	0	7,825	1
I	CLASSROOM	1968	29448	V-1HR.	E-1	5,187	0	5,187	1
J	CLASSROOM	1968	29448	V-1HR.	E-1	11,212	0	11,212	1
K	ART CLASSROOM	1968	29448	V-1HR.	E-1	3,810	0	3,810	1
L	SHOP CLASSROOM	1968	29448	V-1HR.	E-1	4,077	0	4,077	1
M	CLASSROOM	1968	29448	V-1HR.	E-1	3,549	0	3,549	1
N	MULTI-PURPOSE	1968	29448	V-1HR.	E-1/A2.1	5,580	0	5,580	1
O	LOCKERS / DINING	1968	29448	V-1HR.	E-1	10,310	0	10,310	1
TOTAL						**87,839**	0	**87,839**	

PROJECT DATA NOTES

1. SEE T01.04 AND A02.01 FOR LOCATION OF EXISTING 2 HR. WALLS.
2. THE PHYSICAL CONFIGURATION OF THESE CONSTRUCTS WERE DESIGNED AND BUILT TO COMPLY WITH THE CODES IN EFFECT IN 1968. NO **AREA** MODIFICATIONS HAVE BEEN MADE AS PART OF THIS SCOPE OF WORK.
3. SEE ADDITIONAL INFORMATION ON DRAWING T01.04.

SCOPE OF WORK

MODIFICATIONS FOR ACCESSIBILITY
LUMINESCENT CEILING REPLACEMENT
LIGHTING UPGRADES
MINOR ELECTRICAL & DATA ADDITIONS
TOILET ROOM MODIFICATIONS

EXTERIOR DOOR REPLACEMENT
MINOR INTERIOR & CASEWORK ALTERATIONS
SCIENCE CLASSROOM / LAB RENOVATION
MECHANICAL UNIT REPLACEMENT
STRUCTURAL MODIFICATIONS AT POD "N"

GENERAL NOTES

1. THE WORK OF THIS CONTRACT COMPRISES OF:
   - MODERNIZATION OF EXISTING CAMPUS BUILDINGS INCLUDING UPGRADING VARIOUS BUILDING ELEMENTS FOR COMPLIANCE WITH CURRENT ACCESS COMPLIANCE REQUIREMENTS.
   - REPLACEMENT OF EXISTING LUMINOUS CEILING PANELS WITH ACOUSTIC TILES AND NEW RECESSED LIGHT FIXTURES.
   - REPLACEMENT OF EXISTING T-12 LAMPS IN EXISTING FIXTURES WITH NEW T-8 LAMPS (RE-BALASTED) AND EXTENSION OF EXISTING POWER AND DATA NETWORKS FROM EXISTING I.D.F.(S) TO NEW COMPUTER STATION LOCATIONS.
   - REPLACEMENT OF EXISTING MECHANICAL UNITS WITH NEW UNITS.

1.1. INCIDENTAL WORK IS PART OF THIS CONTRACT.
1.1.1. INCIDENTAL WORK NOT INDICATED IN THE CONTRACT DOCUMENTS MAY BE NECESSARY TO JOIN THE WORK WITH EXISTING ELEMENTS.

2. DISCOVERY OF DETERIORATING AND NON-CONFORMING CONDITIONS WILL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
2.1. CORRECTIVE WORK WILL BE PERFORMED AS DIRECTED BY THE ARCHITECT.

3. GENERAL NOTES APPLY TO THE ENTIRE WORK OF THIS CONTRACT.
3.1. SHEET NOTES APPLY TO THE DRAWING SHEET ON WHICH THEY OCCUR.
3.1.1. IN CONFLICTS BETWEEN THE SHEET NOTES AND THE GENERAL NOTES, SHEET NOTES WILL GOVERN.
3.2. KEY NOTES REFER DRAWN ITEMS TO THE SPECIFICATIONS.

4. BUILDINGS WILL NOT BE OCCUPIED WITHOUT A COMPLETE AND OPERABLE FIRE ALARM SYSTEM.

5. THE CONTRACTOR WILL PATCH AND FINISH WORK IN EXISTING ELEMENTS TO MAKE THE INSTALLATION IN THE FINISHED WORK ACCEPTABLE TO THE ARCHITECT.
5.1. ENCLOSE CONDUITS, DUCTS AND SIMILAR ITEMS IN FURRING, OR CONCEALED WHENEVER POSSIBLE, WHERE SUCH ITEMS PASS THROUGH FINISHED SPACES AS SHOWN ON THE DRAWINGS.

6. MAINTAIN FIRE RATING AND SEAL TIGHT BEHIND FIXTURES, EQUIPMENT, AND AT SLEEVES AND PENETRATIONS THROUGH ALL RATED AND NON-RATED ASSEMBLIES.

7. CONTRACTOR WILL NOTIFY ARCHITECT OF ANY ADJUSTMENT REQUIRED TO CLEAR STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL CONDITIONS AND WORK THAT OCCURS ADJACENT.

8. IN CONFLICTS BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, AND PARTS OF THE DRAWINGS, THE ARCHITECT SHALL MAKE A WRITTEN INTERPRETATION.

9. DO NOT SCALE DRAWINGS.

10. CONTRACTOR WILL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION AND ASSEMBLY OF ALL ELEMENTS OF THE WORK.

11. WORK NOT DETAILED, MARKED, OR SPECIFIED IN PARTICULAR, WILL BE AS SIMILAR WORK THAT IS DETAILED, MARKED, OR SPECIFIED.

12. COMMENCEMENT OF WORK WILL BE CONSTRUED AS ACCEPTANCE OF CONDITIONS.

13. IN THE EVENT THAT HAZARDOUS MATERIALS ARE SUSPECTED OR DISCOVERED DURING THE WORK, THE CONTRACTOR WILL STOP WORK IN THE AREA, NOTIFY THE ARCHITECT, AND NOT RESUME WORK UNTIL INSTRUCTED TO DO SO. HAZARDOUS MATERIALS WILL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER FOR ABATEMENT UNDER SEPARATE CONTRACT.

14. NO HAZARDOUS MATERIALS SHALL BE USED OR INSTALLED IN ANY PART OF THE WORK ASSOCIATED WITH THIS CONTRACT.

CODES & REGULATIONS

GOVERNING CODES:

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 1 BUILDING STANDARDS ADMINISTRATIVE CODE

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 2, VOLUME 1 CALIFORNIA BUILDING CODE/AMENDMENT WITH 1997 UBC, VOLUME 2

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 2, VOLUME 1 CALIFORNIA BUILDING CODE/AMENDMENT WITH 1997 UBC, VOLUME 2

1997 UNIFORM BUILDING CODE, VOLUME 3

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 3 CALIFORNIA ELECTRICAL CODE/AMENDMENT WITH A 1998 NEC

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 4 CALIFORNIA MECHANICAL CODE/AMENDMENT WITH A 1997 UMC

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 5 CALIFORNIA PLUMBING CODE WITH 1997 UPC

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 6 CALIFORNIA ENERGY CODE

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 9 CALIFORNIA FIRE CODE/AMENDMENT WITH A 1997 UFC

STATE OF CALIFORNIA TITLE 24 (1998 EDITION) – PART 12 CALIFORNIA REFERENCED STANDARDS CODE

TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

PER SECTION 4-317(C), PART 1,TITLE 24,C.C.R.: THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DSA BEFORE PROCEEDING WITH THE WORK.
CHAPTER 4, PART 1, TITLE 24 C.C.R., ADMINISTRATIVE REQUIREMENTS (PARTIAL LISTING ONLY):

1. A COPY OF PARTS 1 & 2, TITLE 24 C.C.R. SHALL BE KEPT ON THE JOB AT ALL TIMES.

2. ALL CHANGE ORDERS AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY ORS. CHANGE ORDERS NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24.

3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED T & I SHEET.

4. TESTS OF MATERIALS AND TESTING LAB SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LAB, COST OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.

5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE, PER SECTION 4-331, PART 1, TITLE 24.

6. INSPECTOR TO BE APPROVED BY DSA. INSPECTION TO BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.

7. SUPERVISION OF CONSTRUCTION BY DSA IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.

8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (SSS-6) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.

9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.

10. THE CONTRACTOR SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-343, PART 1, TITLE 24.

STANDARDS AND GUIDES:

ASD (AISC) MANUAL OF STEEL CONSTRUCTION, 9TH EDITION

1991 REVISED NATIONAL DESIGN SPECIAFICATION FOR WOOD CONSTRUCTION

ACI-318-95 CODE & COMENTARY

NFPA 13, AUTOMATIC SPRINKLER SYSTEM, 1996 EDITION

NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 1996 EDITION

NFPA 17-A, WET CHEMICAL EXTINGUISHING SYSTEMS, 1994 EDITION

NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS, 1995 EDITION

NFPA 72, NATIONAL FIRE ALARM CODE, 1996 EDITION (AS AMENDED BY SFM)

NFPA 253, CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEM , 1989 EDITION

NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 1994 EDITIONS

△1

DRAWING INDEX

ARCHITECTURAL

△	T01.01	TITLE SHEET
	T01.02	ACCESS COMPLIANCE DIAGRAM
△	T01.03	T24/ADA ACCESS COMPLIANCE SHEET
	T01.04	FIRE & LIFE SAFETY DIAGRAM
	A01.01	SITE PLAN
	A01.02	SITE DETAILS
△	AD02.01	DEMOLITION PLAN
△	A02.01	ALTERATION FLOOR PLAN
	A02.11	ROOF PLAN
△	A03.01	BUILDING SECTION
△	A04.01	ENLARGED FLOOR PLANS
△	A04.02	ENLARGED RESTROOM PLANS
△	A04.03	ENLARGED FLOOR PLANS & CASEWORK ELEVATIONS
△	A05.01	INTERIOR ELEVATIONS
△	AD06.01	DEMOLITION REFLECTED CEILING PLAN
△	A06.01	REFLECTED CEILING PLAN
△	A07.01	VERTICAL CIRCULATION-WHEELCHAIR LIFT
△	A08.01	EXTERIOR DETAILS
	A09.01	PARTITION TYPES & PARTITION DETAILS
	A09.02	INTERIOR DETAILS
△	A09.03	CASE WORK SCHEDULE & CASEWORK DETAILS
△	A09.04	SUSPENDED CEILING DETAILS
△	A10.01	DOOR TYPES & SCHEDULES
△	A10.02	DOOR SCHEDULE
△	A10.03	INTERIOR FINISH SCHEDULE
△	A10.04	INTERIOR FINISH SCHEDULE

STRUCTURAL

△	S1.0	GENERAL NOTES
△	S2.1	POD N
△	S4.1	DETAILS
	S5.1	LIFT & RAMP PARTIAL PLAN & DETAILS
	S6.1	MECHANICAL UNIT PARTIAL PLAN & DETAILS

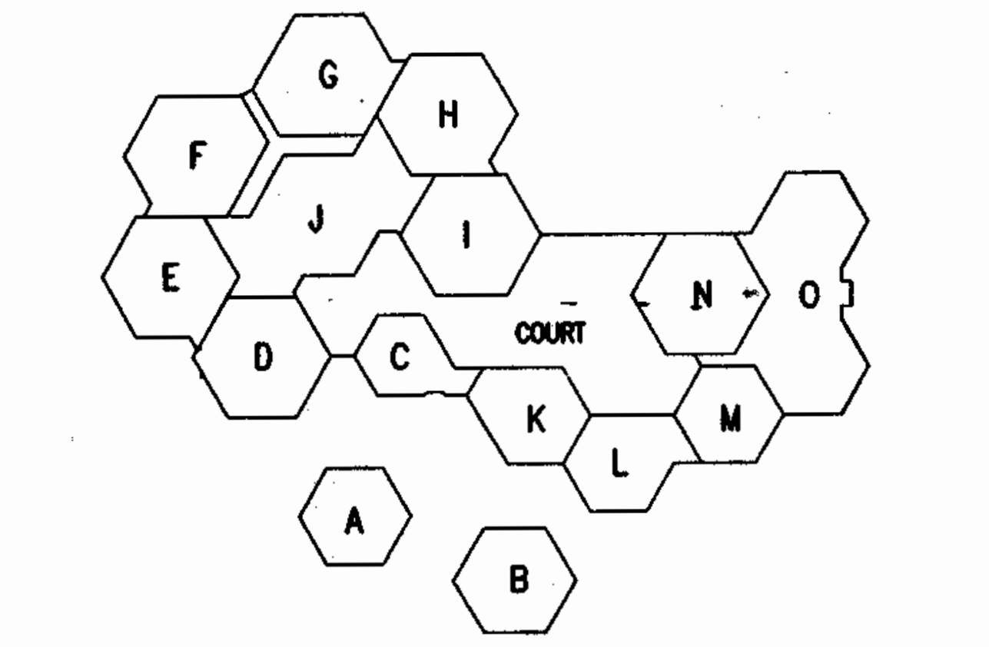
MECHANICAL/PLUMBING

△	M0.1	LEGEND, ABBREVIATIONS & SYMBOLS
△	M0.2	SCHEDULES-MECHANICAL
	~~M0.3~~	~~SCHEDULES-MECHANICAL~~ NOT USED
△	M1.1	DEMOLITION PLANS POD A&B-MECHANICAL
△	M1.2	DEMOLITION PLANS POD C&D-MECHANICAL
△	M1.3	DEMOLITION PLANS POD E&F-MECHANICAL
△	M1.4	DEMOLITION PLANS POD G&H-MECHANICAL
△	M1.5	DEMOLITION PLANS POD I&J-MECHANICAL
△	M1.6	DEMOLITION PLANS POD K&L-MECHANICAL
△	M1.7	DEMOLITION PLANS POD M&N-MECHANICAL
△	M1.8	DEMOLITION PLANS POD O-MECHANICAL
△	M2.1	NEW FLOOR PLANS POD A&B-MECHANICAL
△	M2.2	NEW FLOOR PLANS POD C&D-MECHANICAL
△	M2.3	NEW FLOOR PLANS POD E&F-MECHANICAL
△	M2.4	NEW FLOOR PLANS POD G&H-MECHANICAL
△	M2.5	NEW FLOOR PLANS POD I&J-MECHANICAL
△	M2.6	NEW FLOOR PLANS POD K&L-MECHANICAL
△	M2.7	NEW FLOOR PLANS, PODS M & N
△	M2.8	NEW FLOOR PLANS, POD O
	~~M5.1~~	~~BOILER PIPING DIAGRAM~~ NOT USED
△	M6.1	DETAILS-MECHANICAL
△	M6.2	DETAILS-MECHANICAL
	~~M6.3~~	~~DETAILS-MECHANICAL~~ NOT USED
△	M7.1	TEMPERATURE CONTROL DIAGRAM
△	M7.2	TEMPERATURE CONTROL DIAGRAM
	P0.1	LEGEND, ABBREVIATIONS, GENERAL NOTES AND SCHEDULES
	P1.4	DEMOLITION FLOOR PLANS, POD G & H
	P2.1	FLOOR PLANS, PODS A & B
	P2.2	FLOOR PLANS, PODS C & D
	P2.3	FLOOR PLANS, PODS E & F
△	P2.4	FLOOR PLANS, PODS G & H
	P2.5	FLOOR PLANS, PODS I & J
	P2.6	FLOOR PLANS, PODS K & L
	P2.7	FLOOR PLANS, M & N
	P2.8	FLOOR PLAN, O
△	P2.9	ROOF PLAN
	P6.1	DETAILS

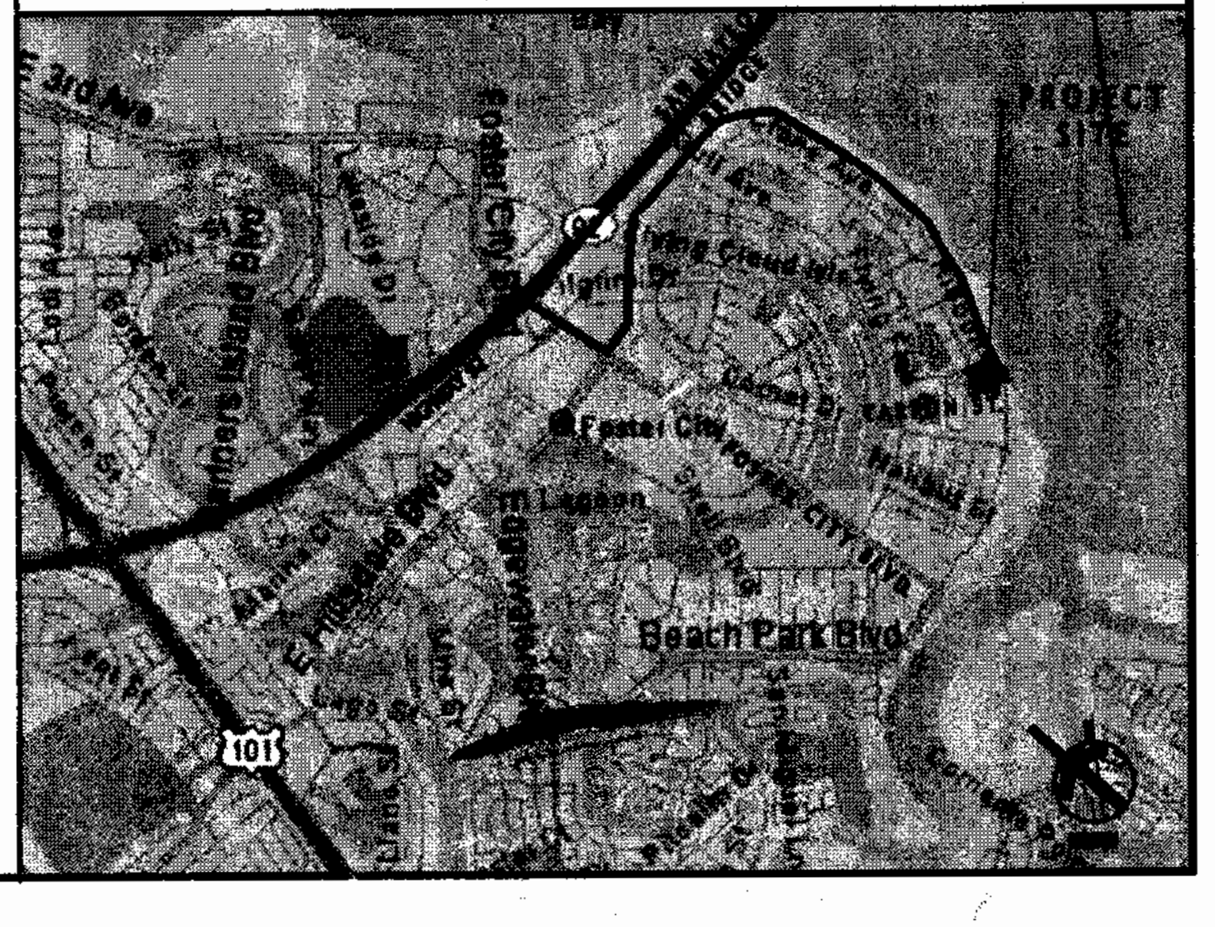
ELECTRICAL

△	E0.0	TITLE 24
△	E0.1	ELECTRICAL LEGEND AND NOTES
△	E0.2	LIGHTING FIXTURE SCHEDULES
△	E0.3	PANEL BOARD SCHEDULES
△	E0.4	PANEL BOARD SCHEDULES
△	E0.5	PANEL BOARD SCHEDULES
△	E2.1	FLOOR PLANS-POD A,C,&K LIGHTING
△	E2.2	FLOOR PLANS-POD B LIGHTING
△	E2.3	FLOOR PLANS-PODS D,E&J LIGHTING
△	E2.4	FLOOR PLANS-PODS F&G LIGHTING
△	E2.5	FLOOR PLANS-PODS H&I LIGHTING
△	E2.6	FLOOR PLANS-PODS L&M LIGHTING
△	E2.7	FLOOR PLANS-PODS N&O LIGHTING
△	E3.1	FLOOR PLANS-POD A,C&K POWER
△	E3.2	FLOOR PLANS-POD B POWER
△	E3.3	FLOOR PLANS-PODS D,E&J POWER
△	E3.4	FLOOR PLANS-PODS F&G POWER
△	E3.5	FLOOR PLANS-PODS H&I POWER
△	E3.6	FLOOR PLANS-PODS L&M POWER
△	E3.7	FLOOR PLANS-PODS N&O POWER
△	E4.0S	SITE PLAN FIRE ALARM 3?IV3I!?SYSTEM
△	E4.0	FIRE ALARM SEQUENCE OF OPERATION & EQUIPMENT LIST
△	E4.1	FLOOR PLANS-A,C,&K FIRE ALARM SYSTEM
	E4.2	FLOOR PLANS-POD B FIRE ALARM SYSTEM
	E4.3	FLOOR PLANS-PODS D,E&J FIRE ALARM SYSTEM
△	E4.4	FLOOR PLANS-PODS F&G FIRE ALARM SYSTEM
	E4.5	FLOOR PLANS-PODS H&I FIRE ALARM SYSTEM
△	E4.6	FLOOR PLANS-PODS L&M FIRE ALARM SYSTEM
△	E4.7	FLOOR PLANS-PODS N&O FIRE ALARM SYSTEM
△	E4.8	FIRE ALARM RISER DIAGRAM
	E4.9	FIRE ALARM DETAILS
△	E5.1	RISER DIAGRAM
△	E5.2	SCHEMATIC DIAGRAMS
△	E5.3	DETAILS, WIRING SCHEME, LABEL ID TAG, PINNING AND COLOR CODES
△	E5.4	DETAILS
△	E5.5	TELEPHONE AND LAN/DATA SYSTEMS RISER DIAGRAMS

BUILDING KEY PLAN



VICINITY MAP



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☐ IL KWON CHA AIA
■ LEE KARNEY AIA
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LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP: 12/31/
ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO–FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC D. Rovnyak FLS SS
DATE 11/12/03
APPL NO 01-101836

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

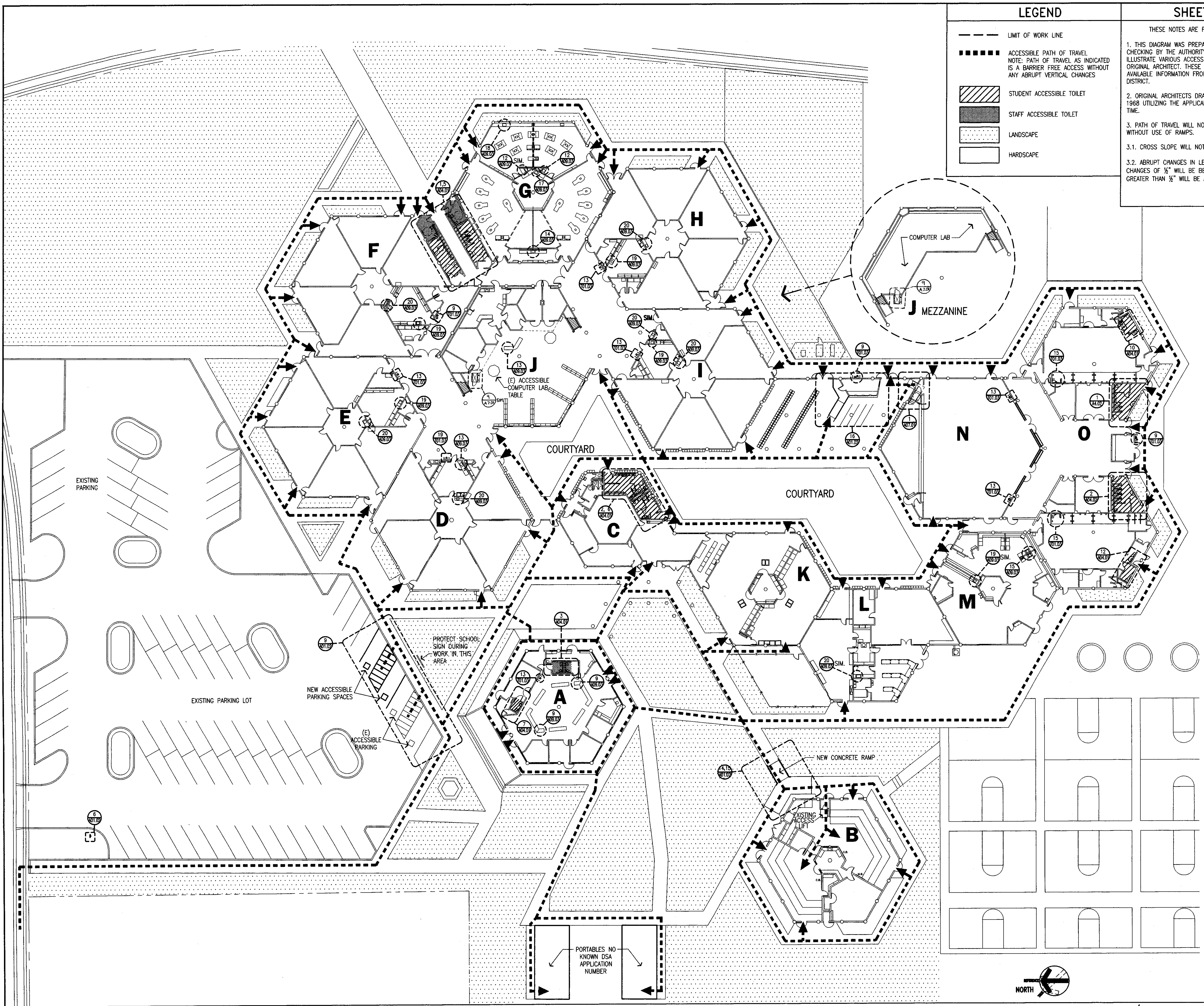
TITLE SHEET

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: TFE CHECKED BY: SP

T01.01

JOB NO: 99041B OF SHEETS


STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
EST. HOURS
F
G
H
I
J
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D
C
K
L
M
N
O
A
B
SIM.
COURTYARD
COURTYARD
(E) ACCESSIBLE COMPUTER LAB TABLE
COMPUTER LAB
J MEZZANINE
EXISTING PARKING
EXISTING PARKING LOT
PROTECT SCHOOL SIGN DURING WORK IN THIS AREA
NEW ACCESSIBLE PARKING SPACES
(E) ACCESSIBLE PARKING
NEW CONCRETE RAMP
EXISTING ACCESS LIFT
PORTABLES NO KNOWN DSA APPLICATION NUMBER
NORTH

LEGEND

— — —	LIMIT OF WORK LINE
■ ■ ■ ■ ■ ■	ACCESSIBLE PATH OF TRAVEL NOTE: PATH OF TRAVEL AS INDICATED IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES
▨	STUDENT ACCESSIBLE TOILET
▩	STAFF ACCESSIBLE TOILET
⠿	LANDSCAPE
☐	HARDSCAPE

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. THIS DIAGRAM WAS PREPARED TO FACILITATE PLAN CHECKING BY THE AUTHORITY HAVING JURISDICTION AND TO ILLUSTRATE VARIOUS ACCESS ELEMENTS DESIGNED BY THE ORIGINAL ARCHITECT. THESE REPRESENTS THE BEST AVAILABLE INFORMATION FROM DRAWINGS PROVIDED BY THE DISTRICT.

2. ORIGINAL ARCHITECTS DRAWINGS WERE PREPARED IN 1968 UTILIZING THE APPLICABLE BUILDING CODES AT THAT TIME.

3. PATH OF TRAVEL WILL NOT EXCEED A SLOPE OF 1:20 WITHOUT USE OF RAMPS.

3.1. CROSS SLOPE WILL NOT EXCEED 1:50.

3.2. ABRUPT CHANGES IN LEVEL WILL NOT EXCEED ¼". CHANGES OF ½" WILL BE BEVELED TO 1:2. CHANGES GREATER THAN ½" WILL BE AS RAMPS.

ACCESS COMPLIANCE/PATH OF TRAVEL | 1"=20' | 1

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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP. 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 101836
AC WP FLS SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

ACCESS COMPLIANCE & PATH OF TRAVEL DIAGRAM

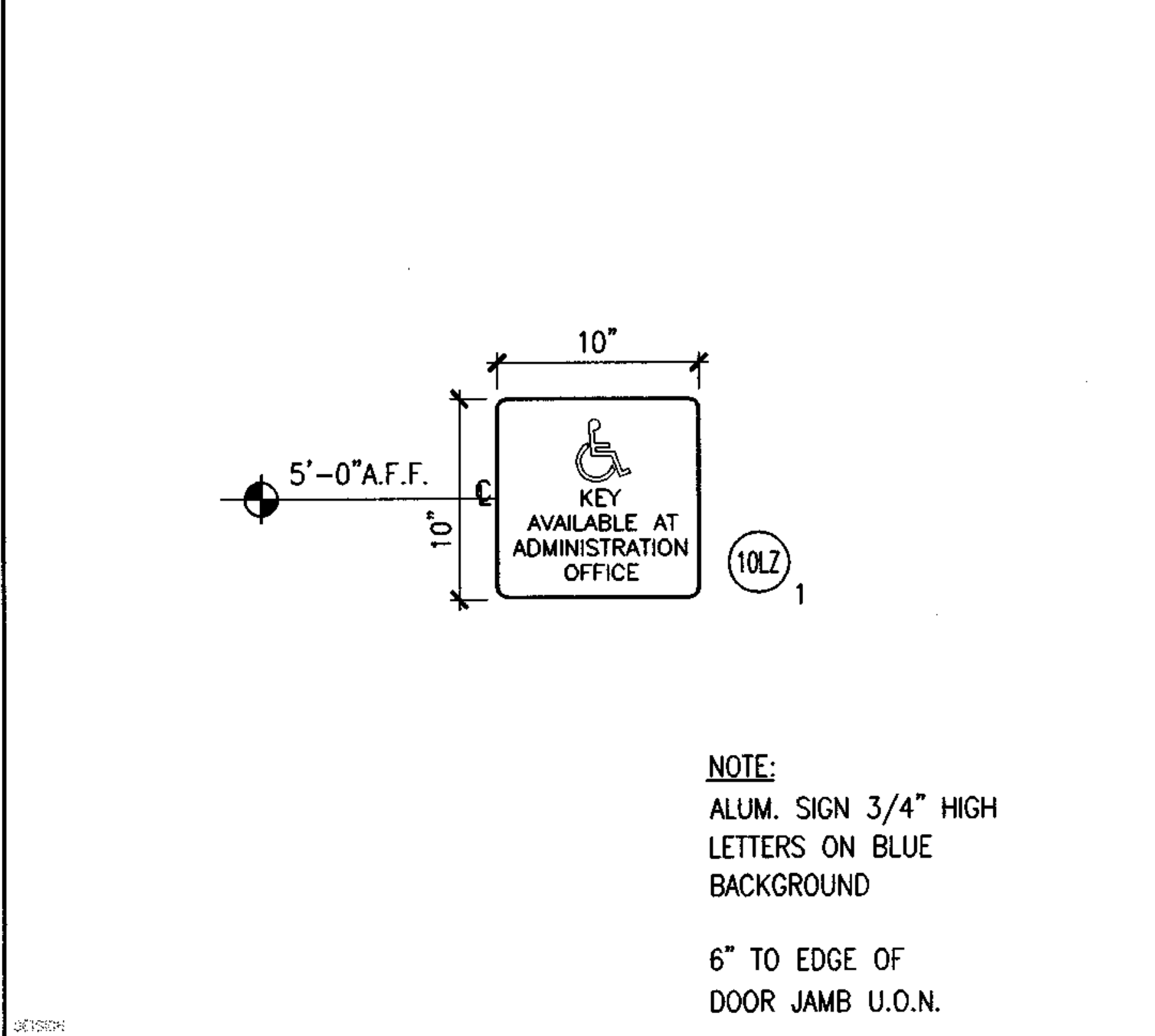
DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: DH/TE CHECKED BY: SP

T01.02

JOB NO: 99041B OF SHEETS

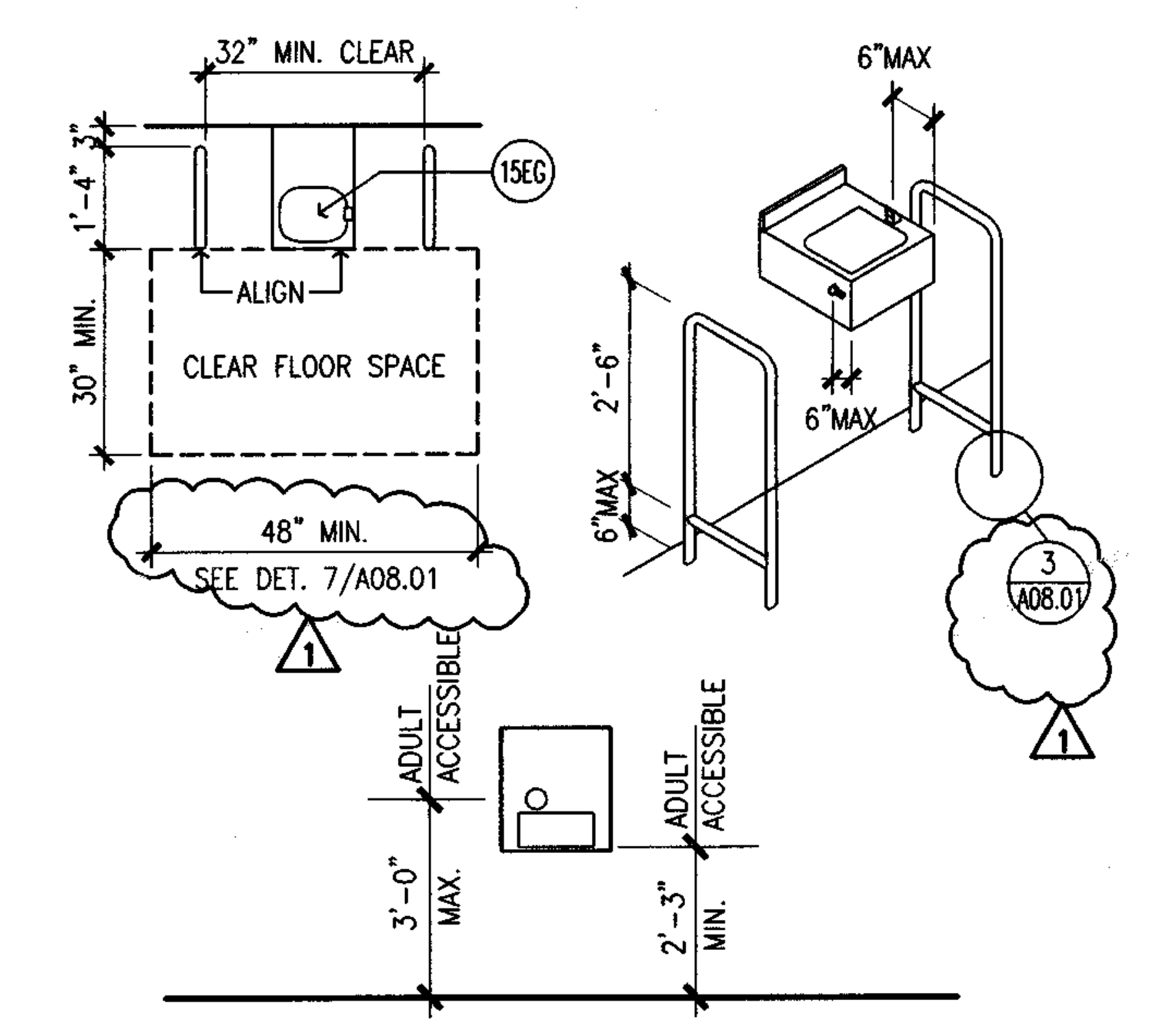
\99041-SanMateo_FosterCity_SD\99041B-Bowditch_Elem\T0102.dwg Mon Nov 15 15:06:26 1999 Michelle



NOTE: ALUM. SIGN 3/4" HIGH LETTERS ON BLUE BACKGROUND

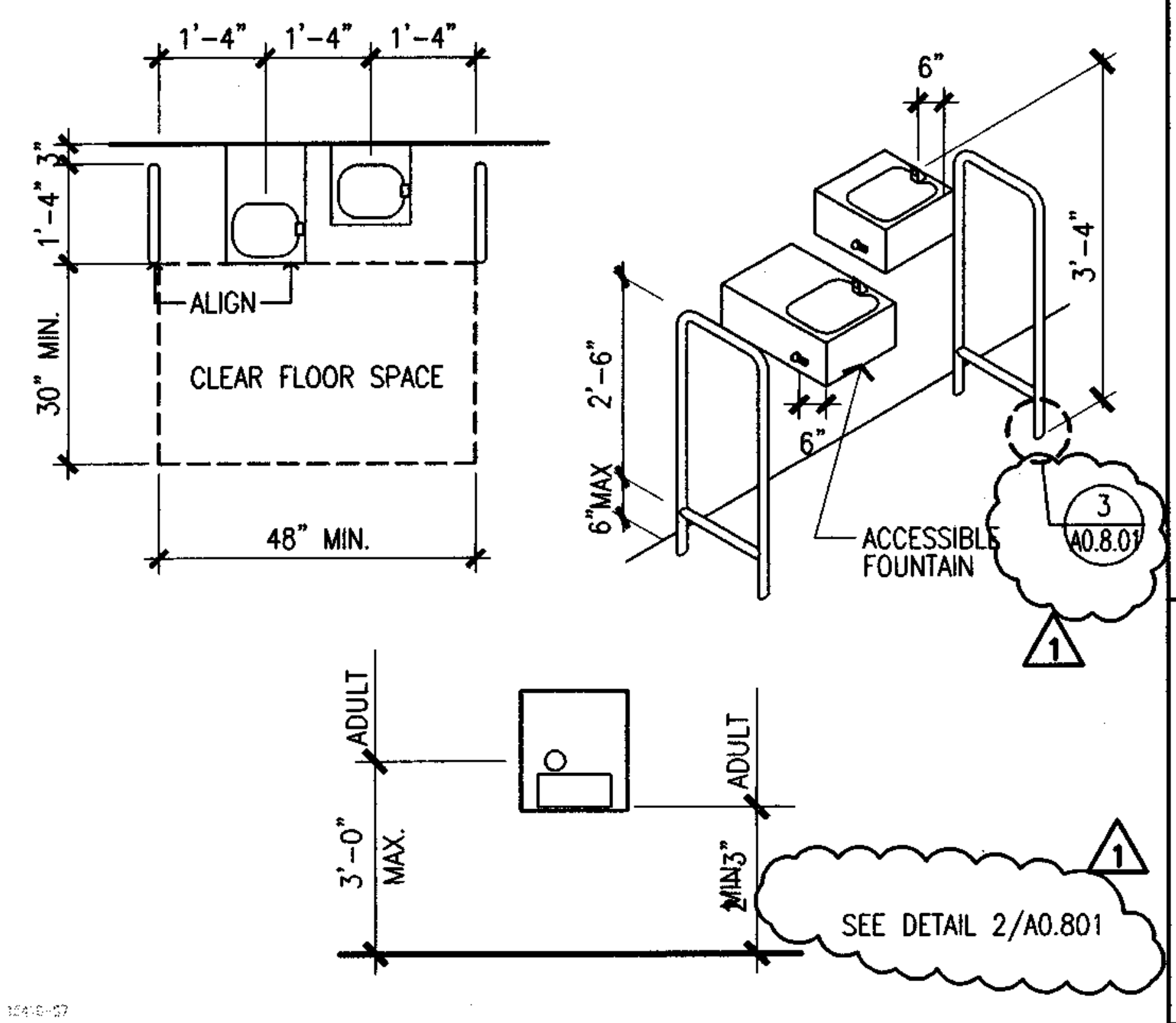
6" TO EDGE OF DOOR JAMB U.O.N.

LIFT ACCESS SIGNAGE 1 1/2" 17

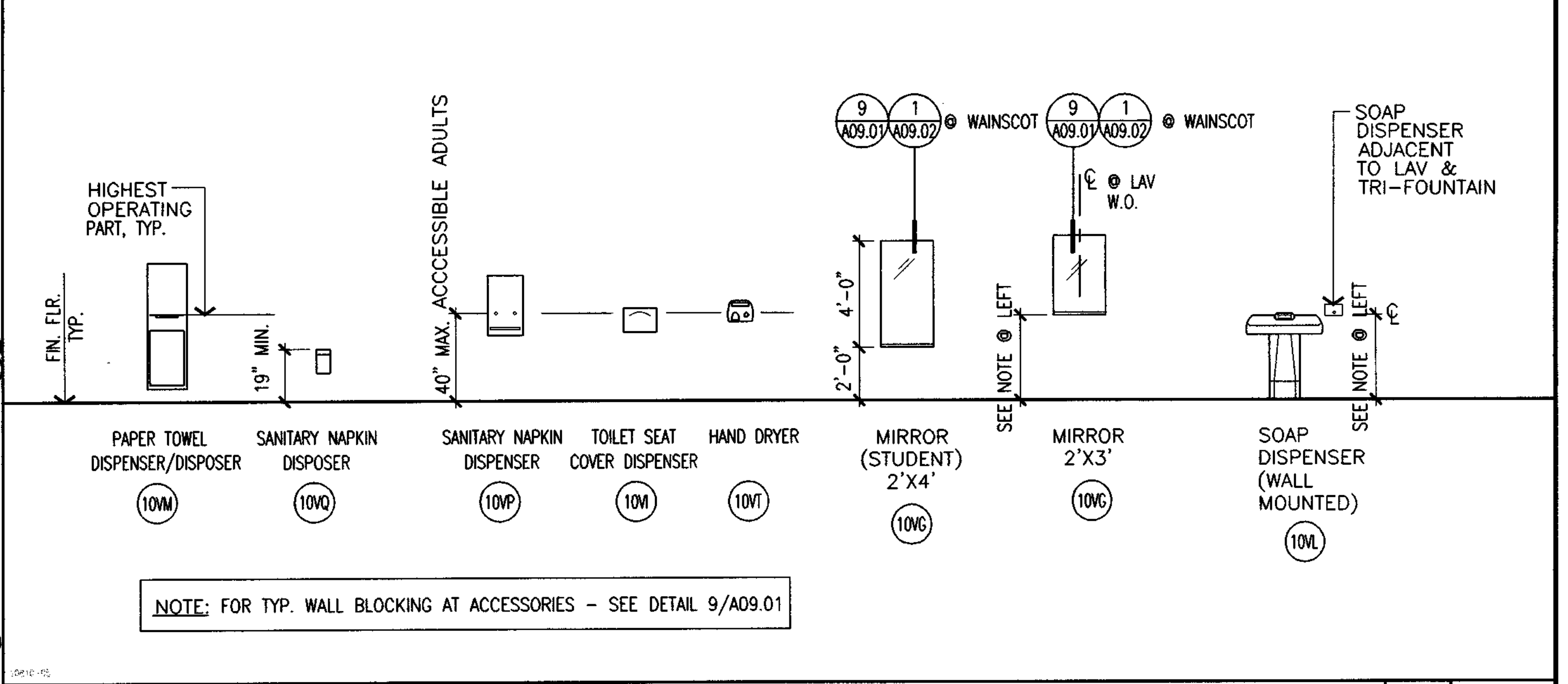


CALDAG 1996 FIG. 66-A

DRINKING FOUNTAIN 1/2" 13

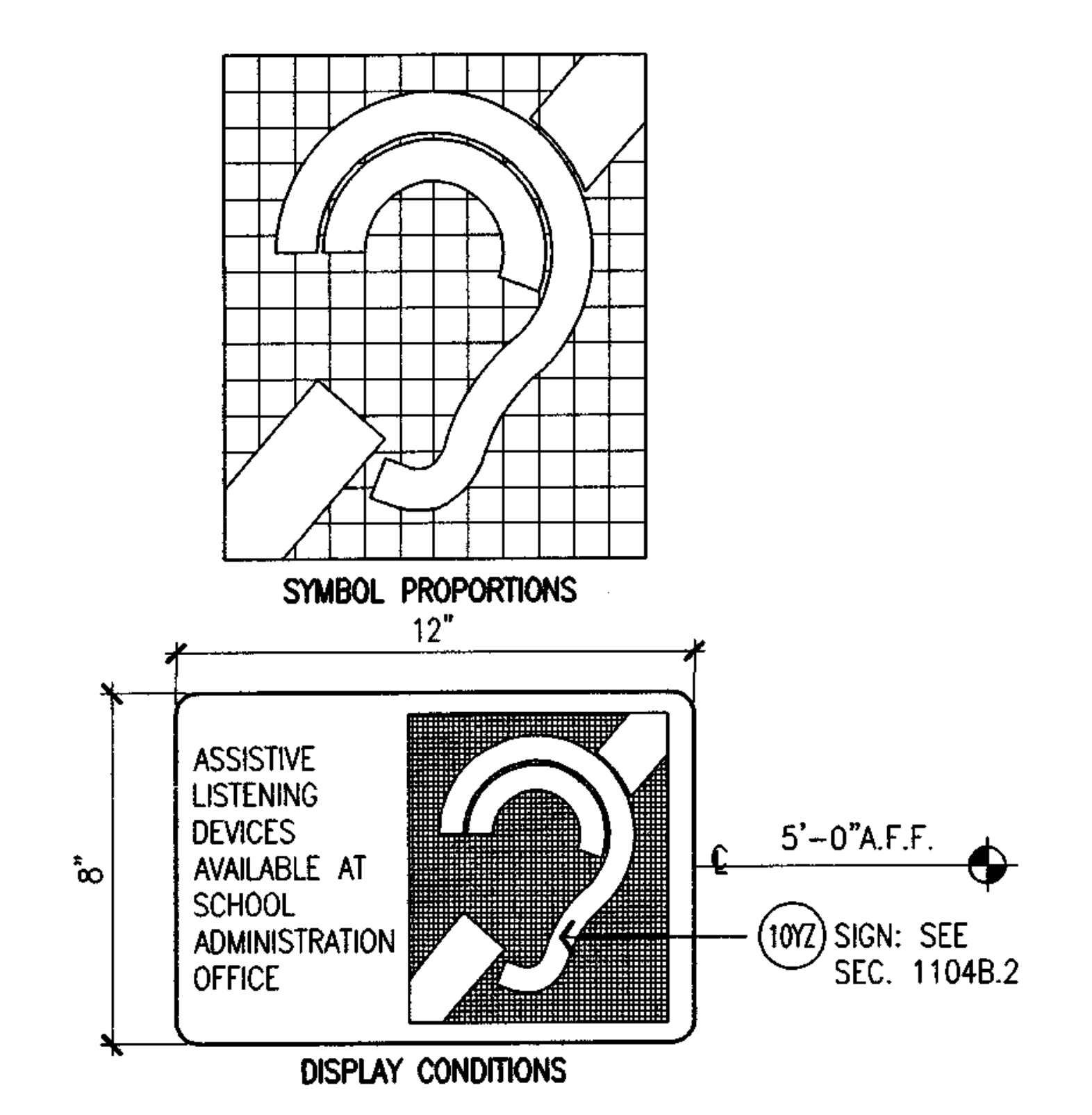


DOUBLE DRINKING FOUNTAIN 1/2" 9

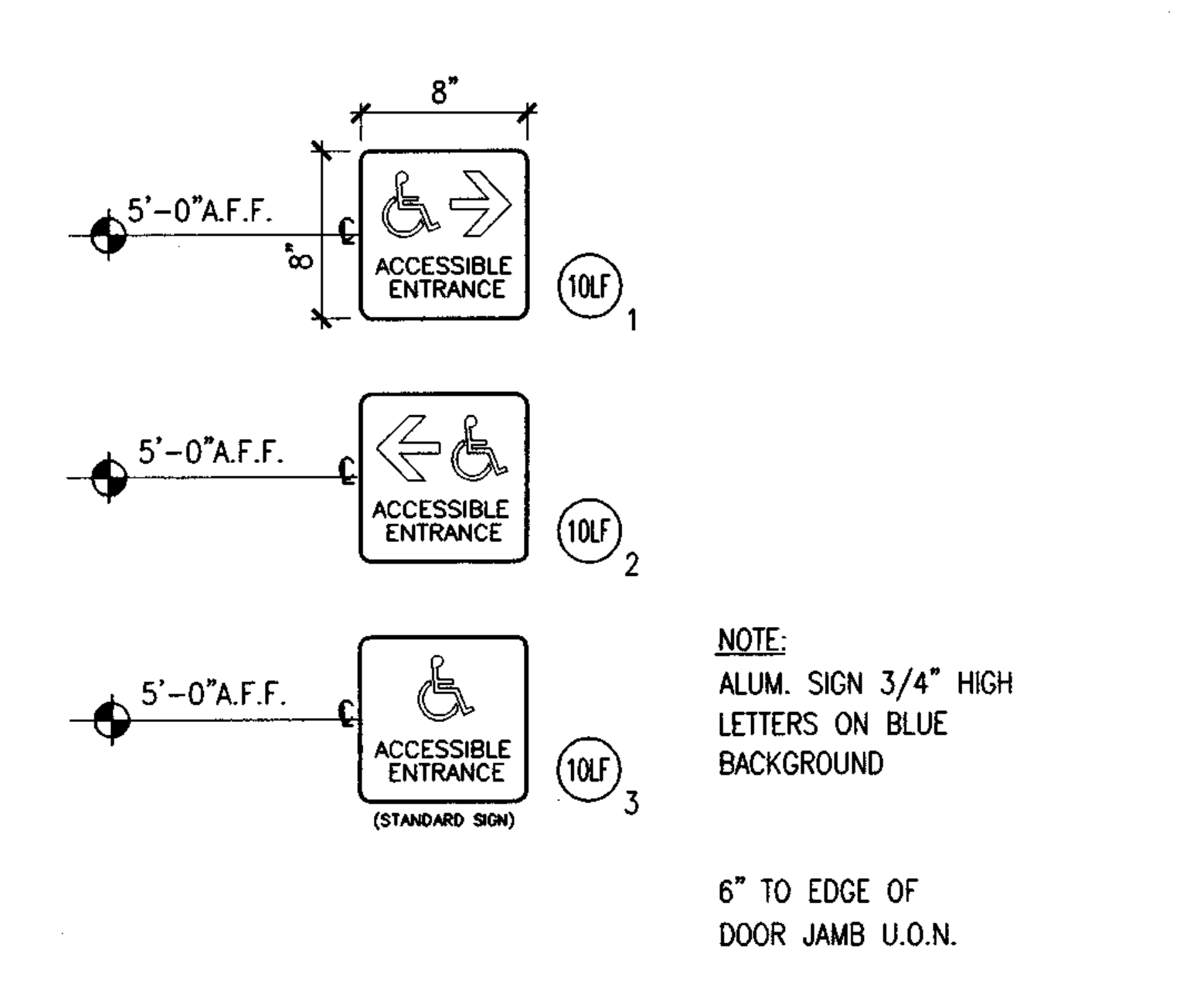

HIGHEST OPERATING PART, TYP.
FIN. FLR. TYP.
19" MIN.
40" MAX. ACCCESSIBLE ADULTS
9 A09.01
1 A09.02
WAINSCOT
℄ @ LAV W.O.
4'-0"
2'-0"
SEE NOTE @ LEFT
SOAP DISPENSER ADJACENT TO LAV & TRI-FOUNTAIN
PAPER TOWEL DISPENSER/DISPOSER 10VM
SANITARY NAPKIN DISPOSER 10VQ
SANITARY NAPKIN DISPENSER 10VP
TOILET SEAT COVER DISPENSER 10VI
HAND DRYER 10VT
MIRROR (STUDENT) 2'X4' 10VG
MIRROR 2'X3' 10VG
SOAP DISPENSER (WALL MOUNTED) 10VL

NOTE: FOR TYP. WALL BLOCKING AT ACCESSORIES – SEE DETAIL 9/A09.01

TOILET ROOM ACCESSORY MOUNTING HEIGHTS 1/4" 1


SYMBOL PROPORTIONS
12"
8"
ASSISTIVE LISTENING DEVICES AVAILABLE AT SCHOOL ADMINISTRATION OFFICE
5'-0"A.F.F.
10YZ SIGN: SEE SEC. 1104B.2
DISPLAY CONDITIONS

INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED 3" 18

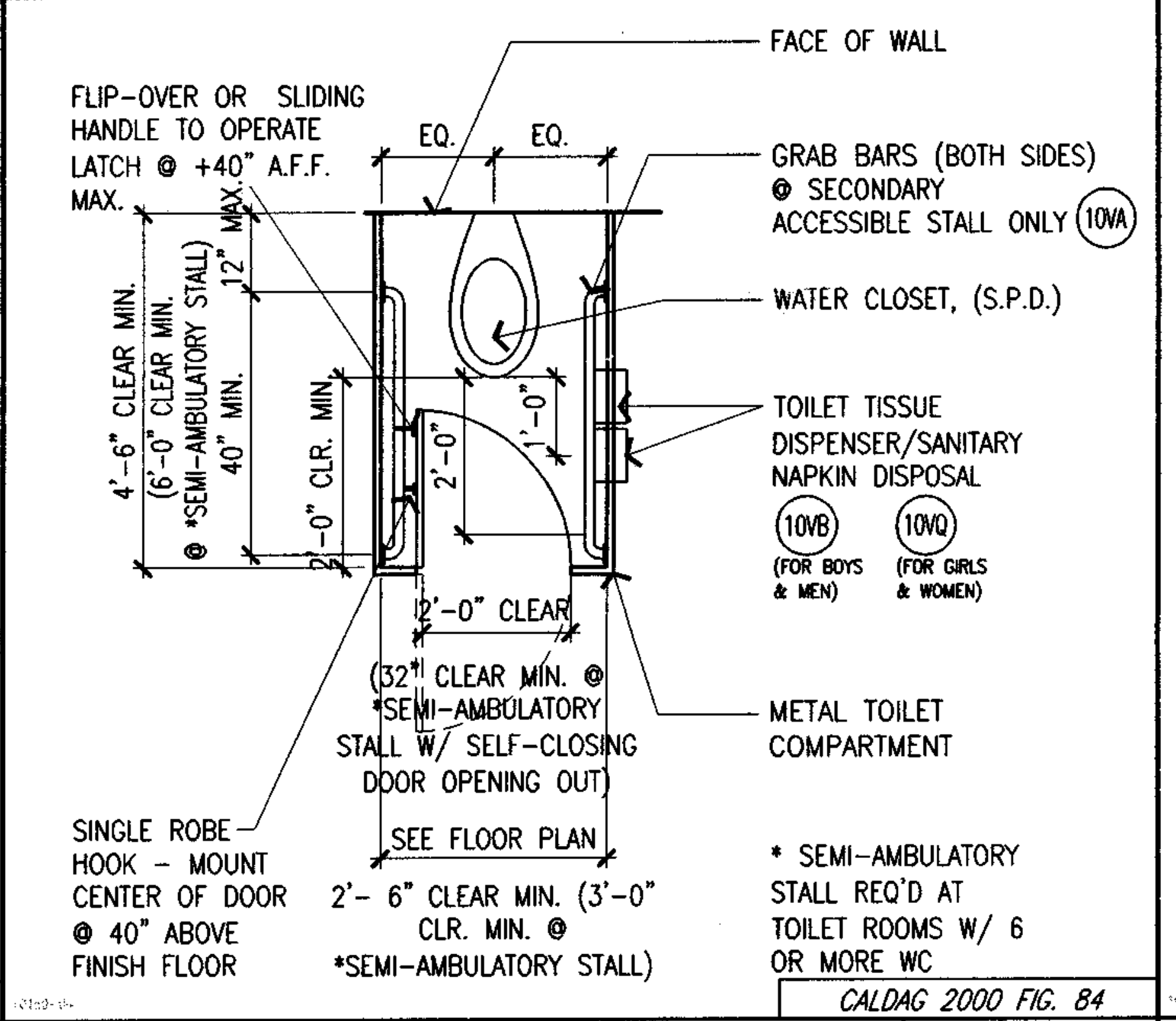


NOTE: ALUM. SIGN 3/4" HIGH LETTERS ON BLUE BACKGROUND

6" TO EDGE OF DOOR JAMB U.O.N.

CALDAG 2000 FIG. 54

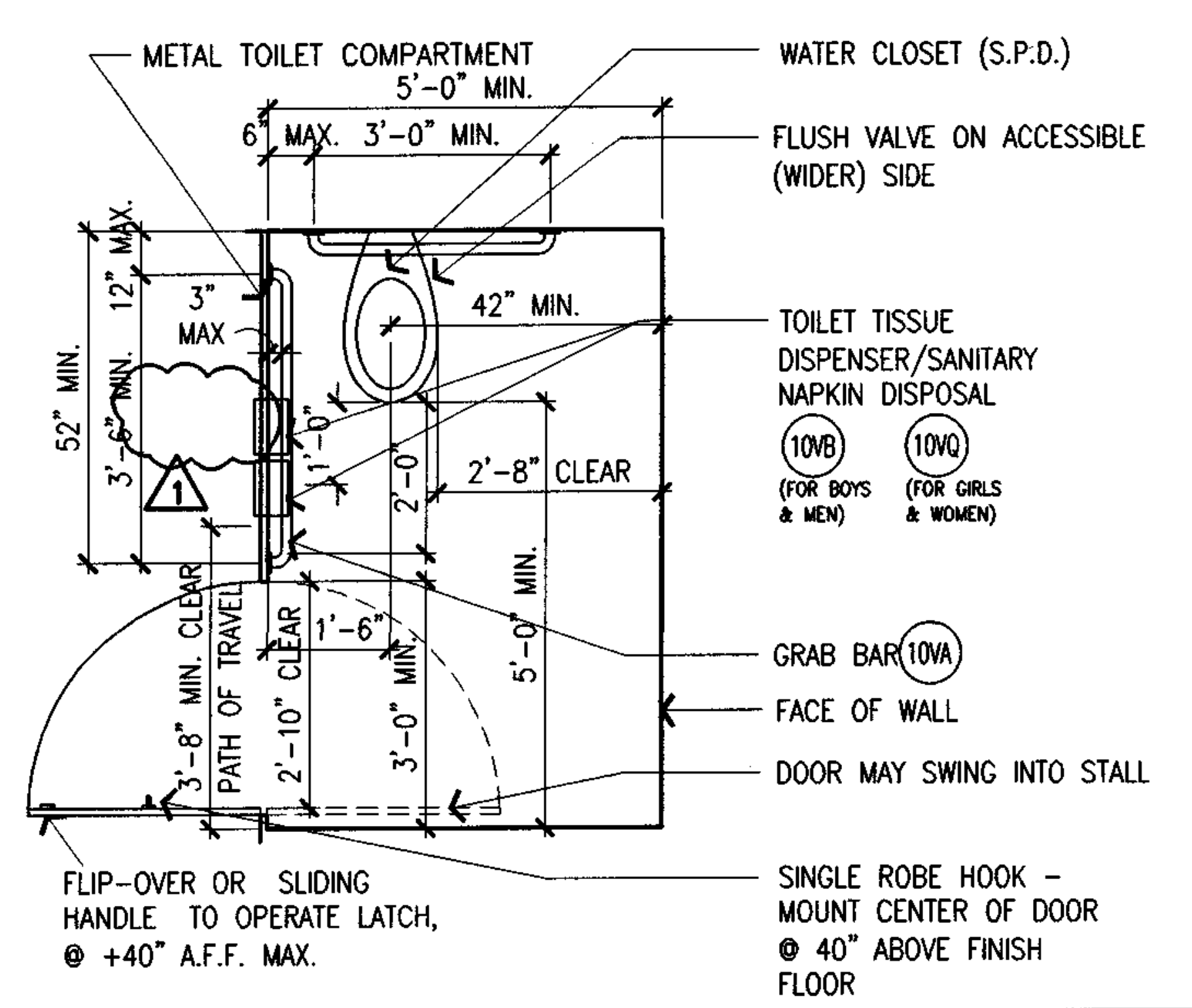
WHEELCHAIR ACCESSIBLE SIGN 1 1/2" 14


FACE OF WALL
FLIP-OVER OR SLIDING HANDLE TO OPERATE LATCH @ +40" A.F.F. MAX.
EQ. EQ.
GRAB BARS (BOTH SIDES) @ SECONDARY ACCESSIBLE STALL ONLY 10VA
WATER CLOSET, (S.P.D.)
TOILET TISSUE DISPENSER/SANITARY NAPKIN DISPOSAL 10VB 10VQ (FOR BOYS & MEN) (FOR GIRLS & WOMEN)
4'-6" CLEAR MIN. (6'-0" CLEAR MIN. @ *SEMI-AMBULATORY STALL)
40" MIN.
12" MAX
2'-0" CLR. MIN.
2'-0"
3'-0" CLEAR
(32" CLEAR MIN. @ *SEMI-AMBULATORY STALL W/ SELF-CLOSING DOOR OPENING OUT)
SEE FLOOR PLAN
METAL TOILET COMPARTMENT
SINGLE ROBE HOOK – MOUNT CENTER OF DOOR @ 40" ABOVE FINISH FLOOR
2'- 6" CLEAR MIN. (3'-0" CLR. MIN. @ *SEMI-AMBULATORY STALL)

* SEMI-AMBULATORY STALL REQ'D AT TOILET ROOMS W/ 6 OR MORE WC

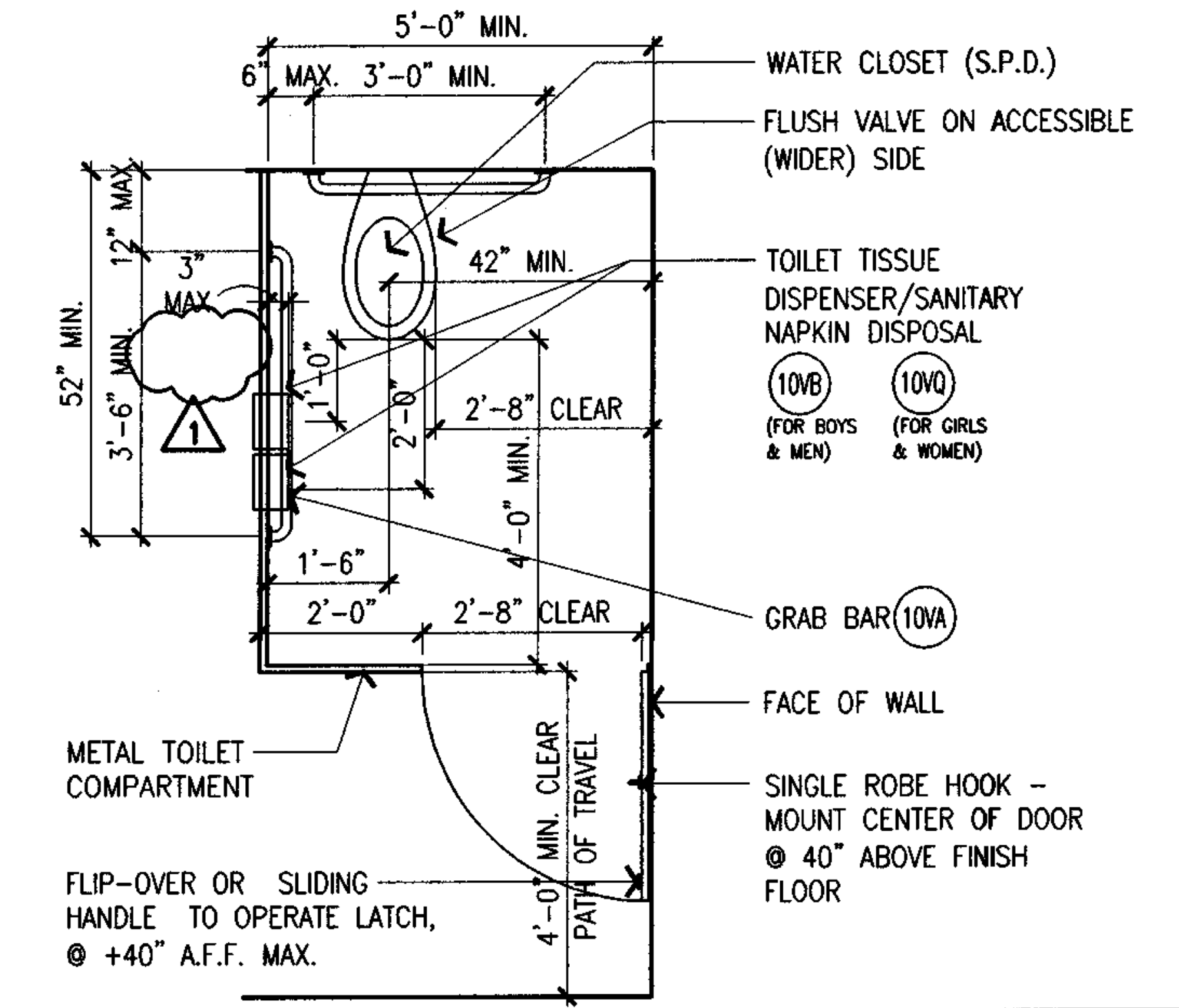
CALDAG 2000 FIG. 84

STANDARD TOILET COMPARTMENT 1/2" 10


METAL TOILET COMPARTMENT
5'-0" MIN.
6" MAX. 3'-0" MIN.
WATER CLOSET (S.P.D.)
FLUSH VALVE ON ACCESSIBLE (WIDER) SIDE
42" MIN.
12" MAX
3" MAX
52" MIN.
TOILET TISSUE DISPENSER/SANITARY NAPKIN DISPOSAL 10VB 10VQ (FOR BOYS & MEN) (FOR GIRLS & WOMEN)
2'-8" CLEAR
GRAB BAR 10VA
FACE OF WALL
DOOR MAY SWING INTO STALL
3'-8" MIN. CLEAR PATH OF TRAVEL
2'-10" CLEAR
1'-6"
3'-0" MIN.
5'-0" MIN.
FLIP-OVER OR SLIDING HANDLE TO OPERATE LATCH, @ +40" A.F.F. MAX.
SINGLE ROBE HOOK – MOUNT CENTER OF DOOR @ 40" ABOVE FINISH FLOOR

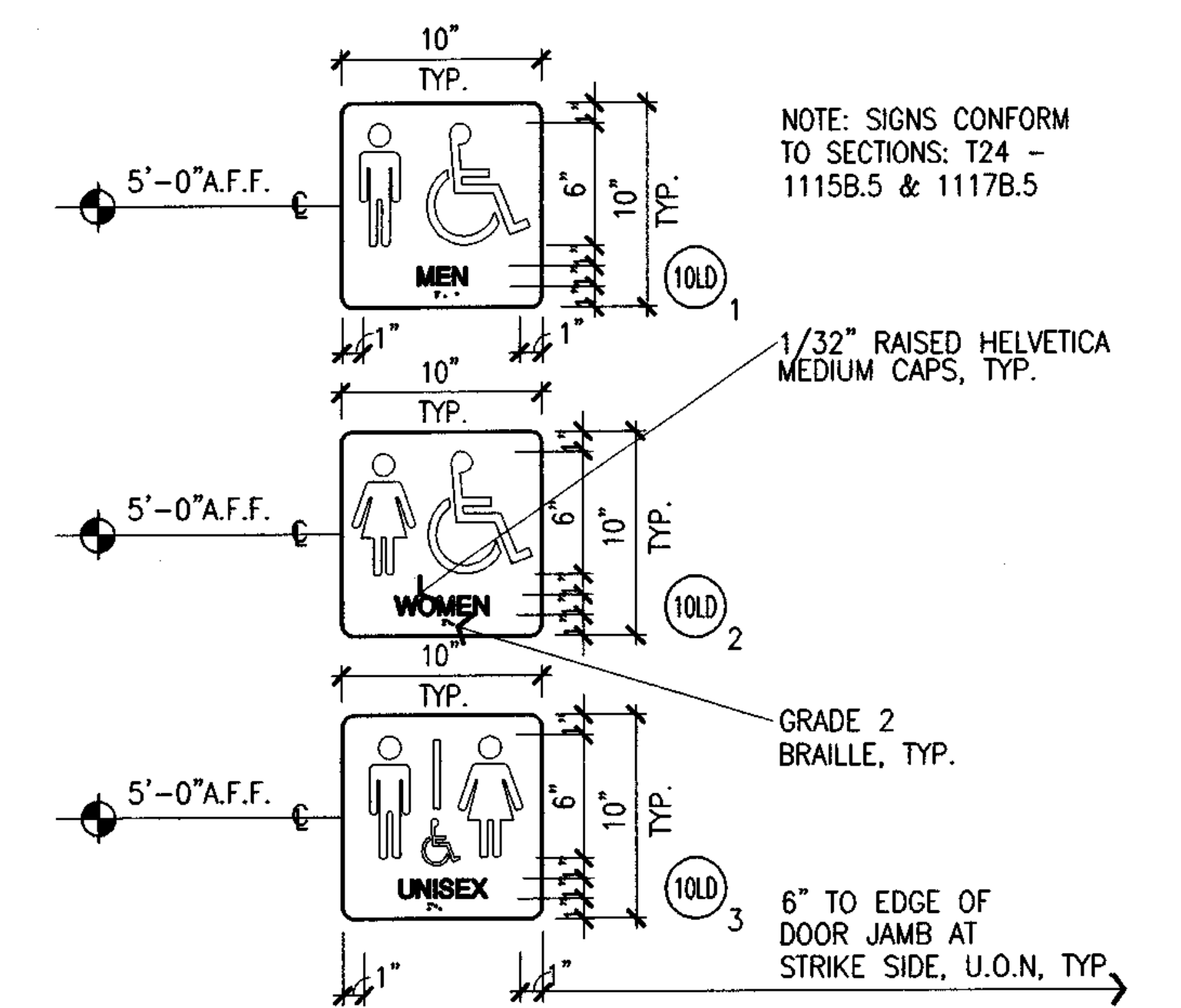
CALDAG 2000 FIG. 86

ACCESSIBLE TOILET COMPARTMENT 1/2" 6


5'-0" MIN.
6" MAX. 3'-0" MIN.
WATER CLOSET (S.P.D.)
FLUSH VALVE ON ACCESSIBLE (WIDER) SIDE
42" MIN.
12" MAX
52" MIN.
3'-6"
TOILET TISSUE DISPENSER/SANITARY NAPKIN DISPOSAL 10VB 10VQ (FOR BOYS & MEN) (FOR GIRLS & WOMEN)
2'-8" CLEAR
1'-6"
2'-0"
GRAB BAR 10VA
FACE OF WALL
METAL TOILET COMPARTMENT
FLIP-OVER OR SLIDING HANDLE TO OPERATE LATCH, @ +40" A.F.F. MAX.
4'-0" MIN. CLEAR PATH OF TRAVEL
SINGLE ROBE HOOK – MOUNT CENTER OF DOOR @ 40" ABOVE FINISH FLOOR

CALDAG 2000 FIG. 88

ACCESSIBLE TOILET COMPARTMENT 1/2" 2

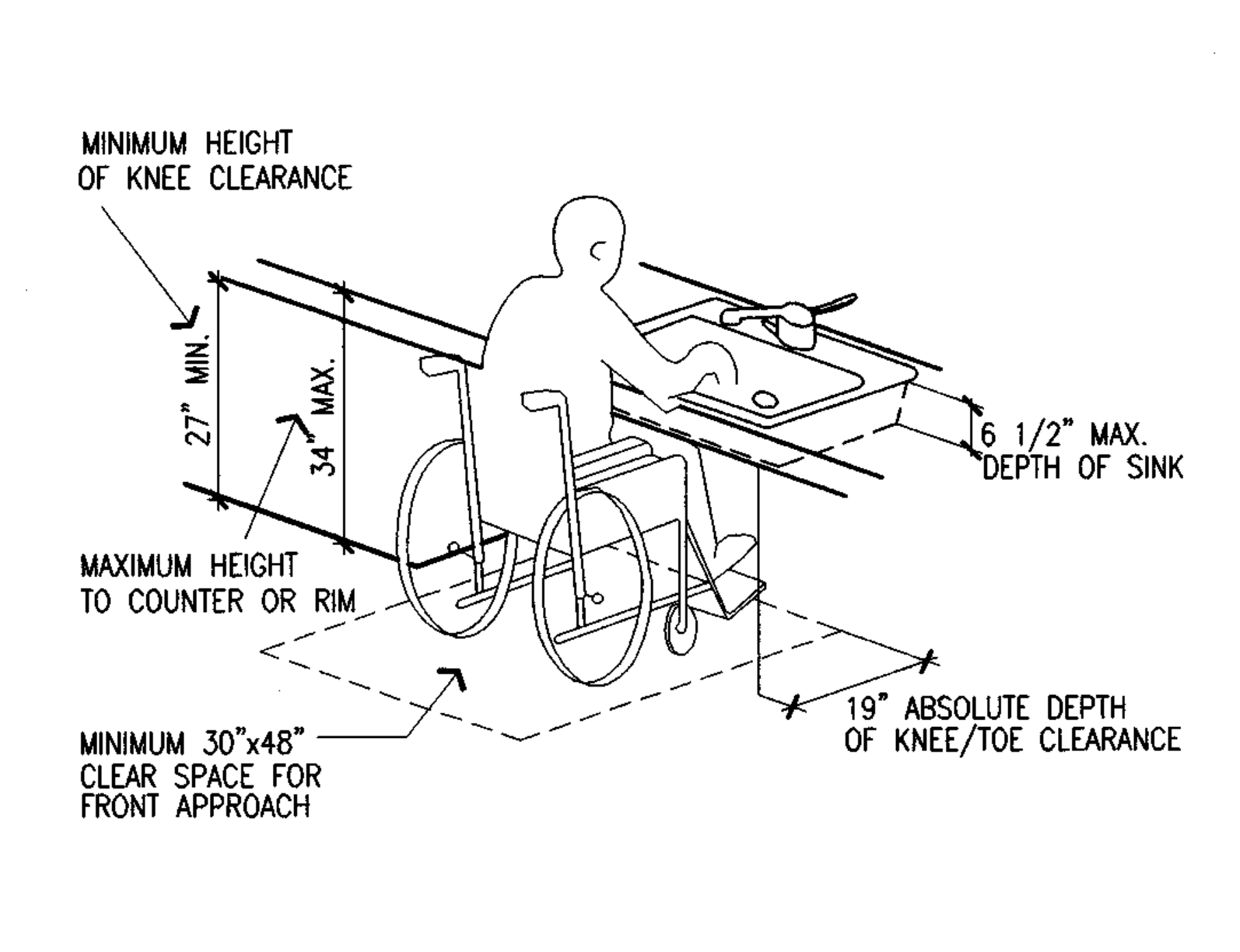


NOTE: SIGNS CONFORM TO SECTIONS: T24 – 1115B.5 & 1117B.5

6" TO EDGE OF DOOR JAMB AT STRIKE SIDE, U.O.N, TYP.

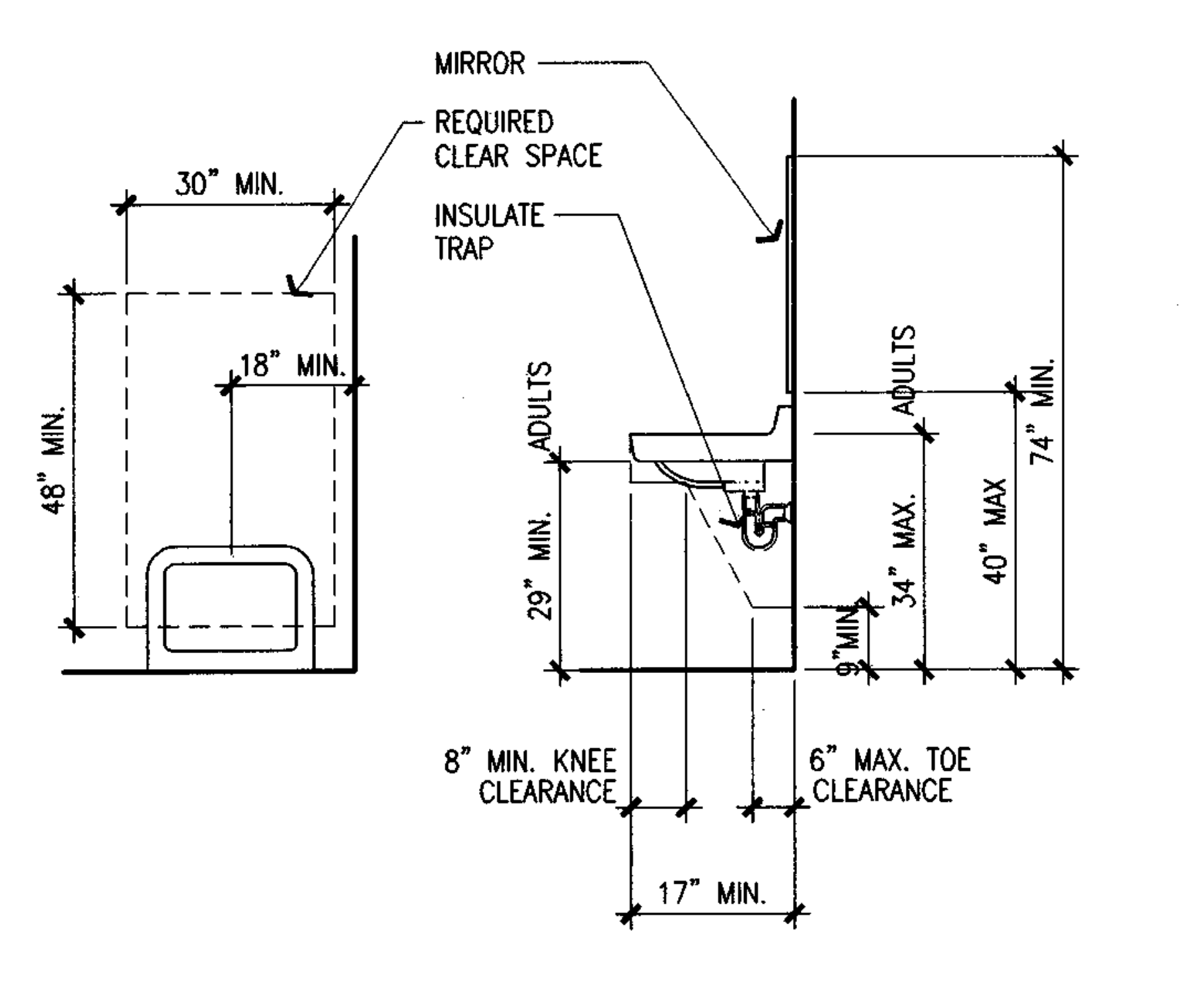
CALDAG 2000 FIG. 82

ADA TOILET WALL SIGNAGE 1 1/2" 19


MINIMUM HEIGHT OF KNEE CLEARANCE
27" MIN.
34" MAX.
6 1/2" MAX. DEPTH OF SINK
MAXIMUM HEIGHT TO COUNTER OR RIM
19" ABSOLUTE DEPTH OF KNEE/TOE CLEARANCE
MINIMUM 30"x48" CLEAR SPACE FOR FRONT APPROACH

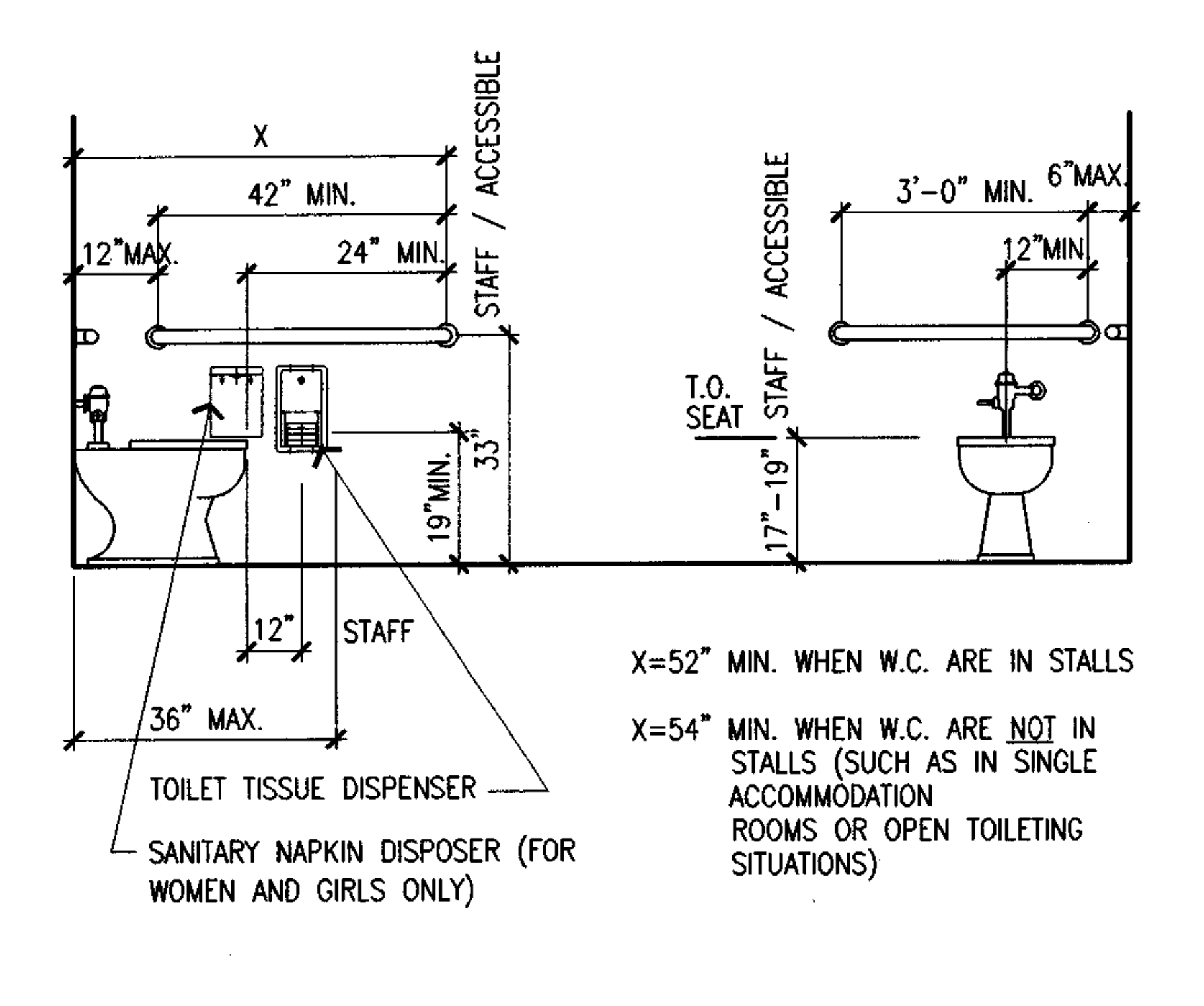
CALDAG 2000 FIG. 98

ACCESSIBLE SINK 1/2" 15



CALDAG 2000 FIG. 93

WALL MOUNTED LAVATORY 1/2" 11

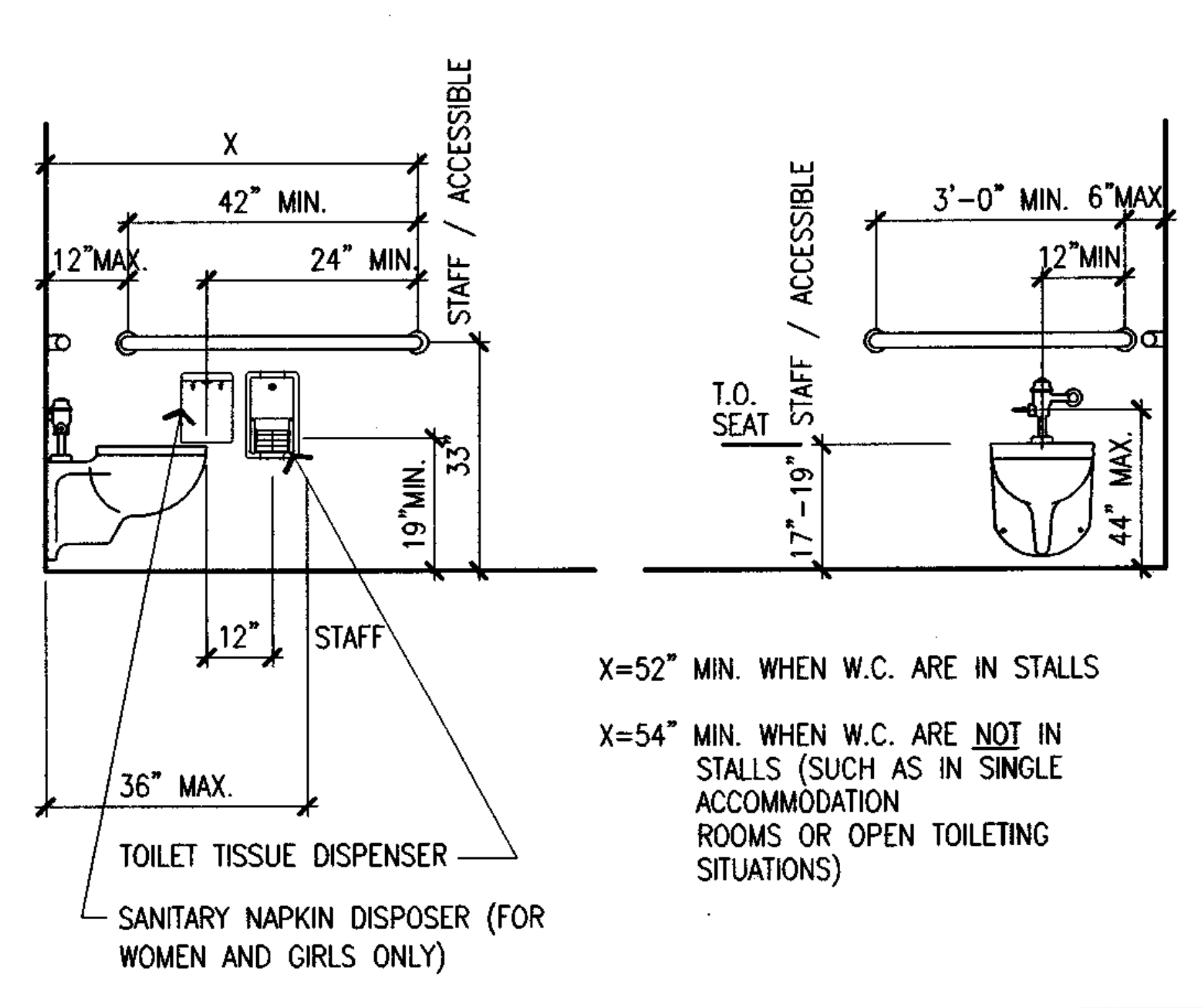


X=52" MIN. WHEN W.C. ARE IN STALLS

X=54" MIN. WHEN W.C. ARE NOT IN STALLS (SUCH AS IN SINGLE ACCOMMODATION ROOMS OR OPEN TOILETING SITUATIONS)

CALDAG 2000 FIG. 85 & 95

FLOOR MOUNTED WATER CLOSET 1/2" 7

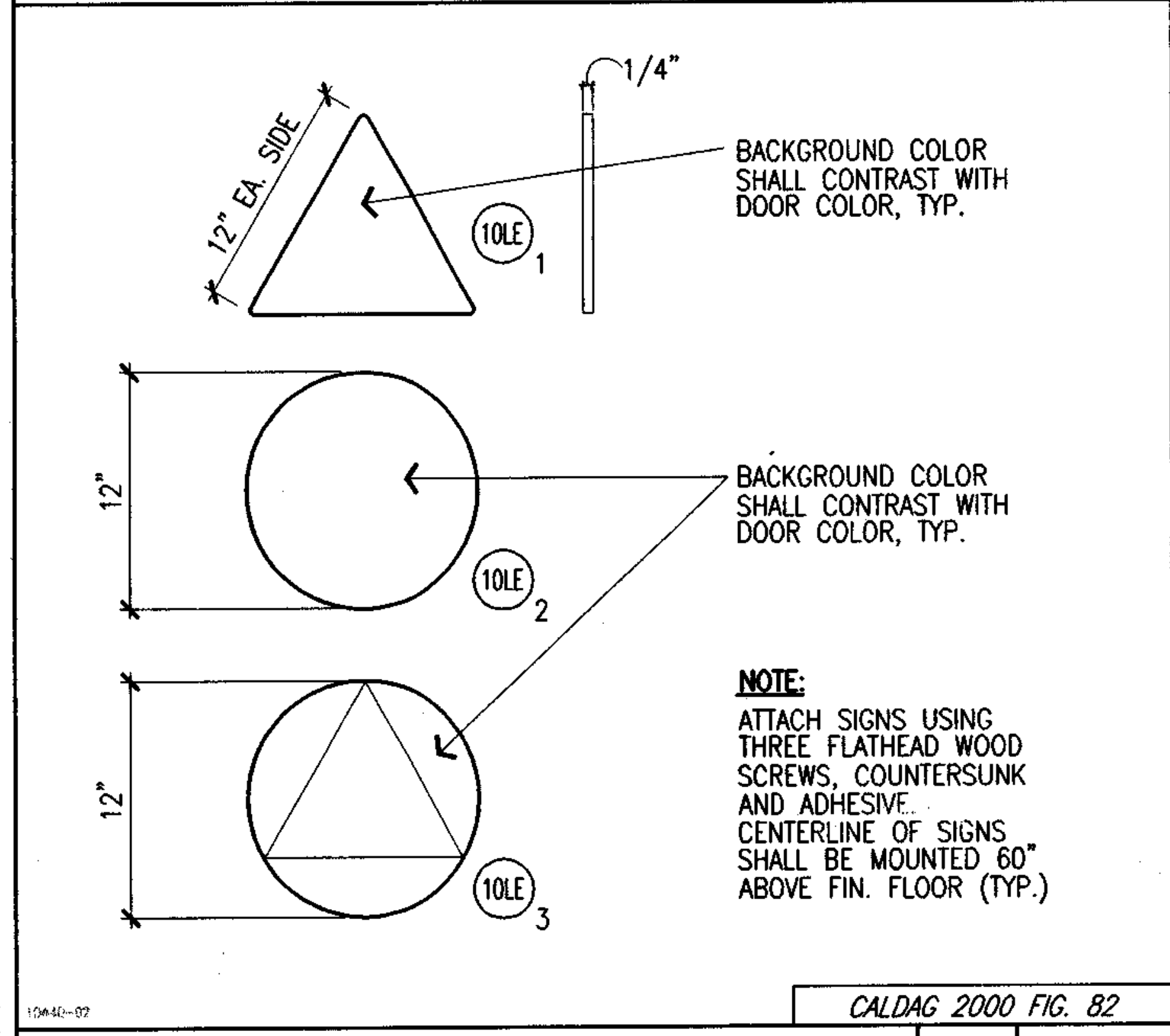


X=52" MIN. WHEN W.C. ARE IN STALLS

X=54" MIN. WHEN W.C. ARE NOT IN STALLS (SUCH AS IN SINGLE ACCOMMODATION ROOMS OR OPEN TOILETING SITUATIONS)

CALDAG 2000 FIGS. 85 & 95

WALL MOUNTED WATER CLOSET 1/2" 3



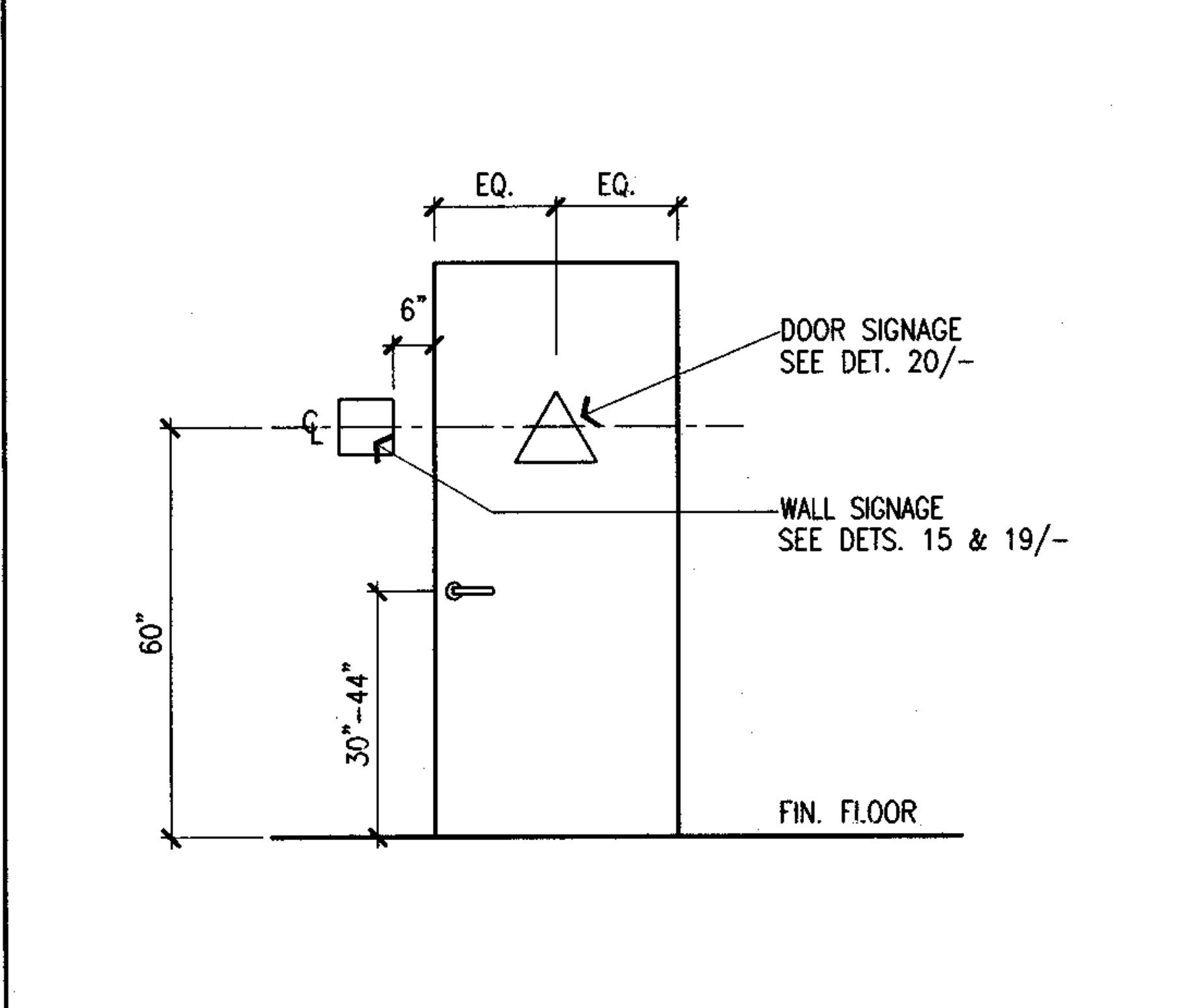
BACKGROUND COLOR SHALL CONTRAST WITH DOOR COLOR, TYP.

BACKGROUND COLOR SHALL CONTRAST WITH DOOR COLOR, TYP.

NOTE: ATTACH SIGNS USING THREE FLATHEAD WOOD SCREWS, COUNTERSUNK AND ADHESIVE. CENTERLINE OF SIGNS SHALL BE MOUNTED 60" ABOVE FIN. FLOOR (TYP.)

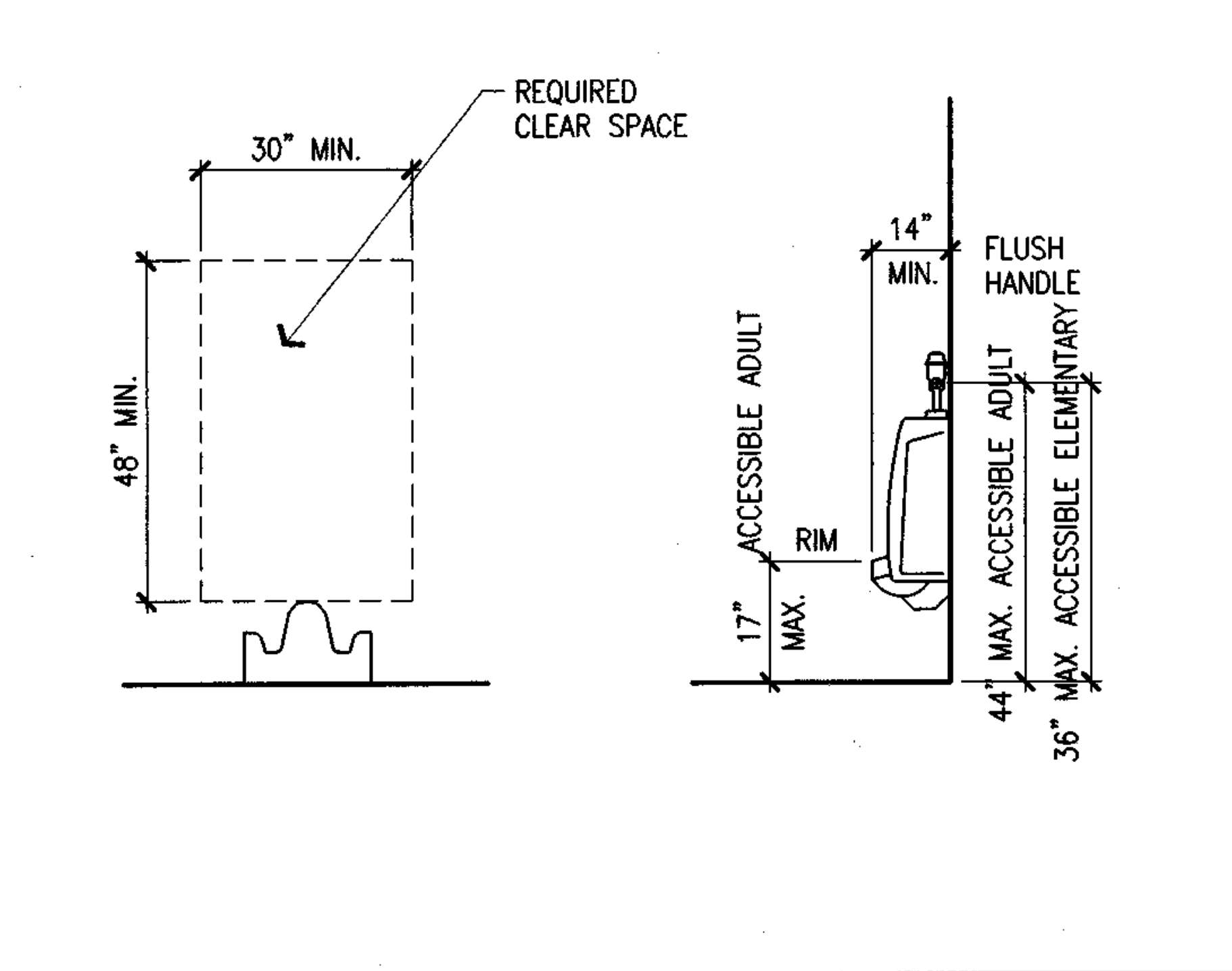
CALDAG 2000 FIG. 82

T24 TOILET DOOR SIGNAGE 1 1/2" 20



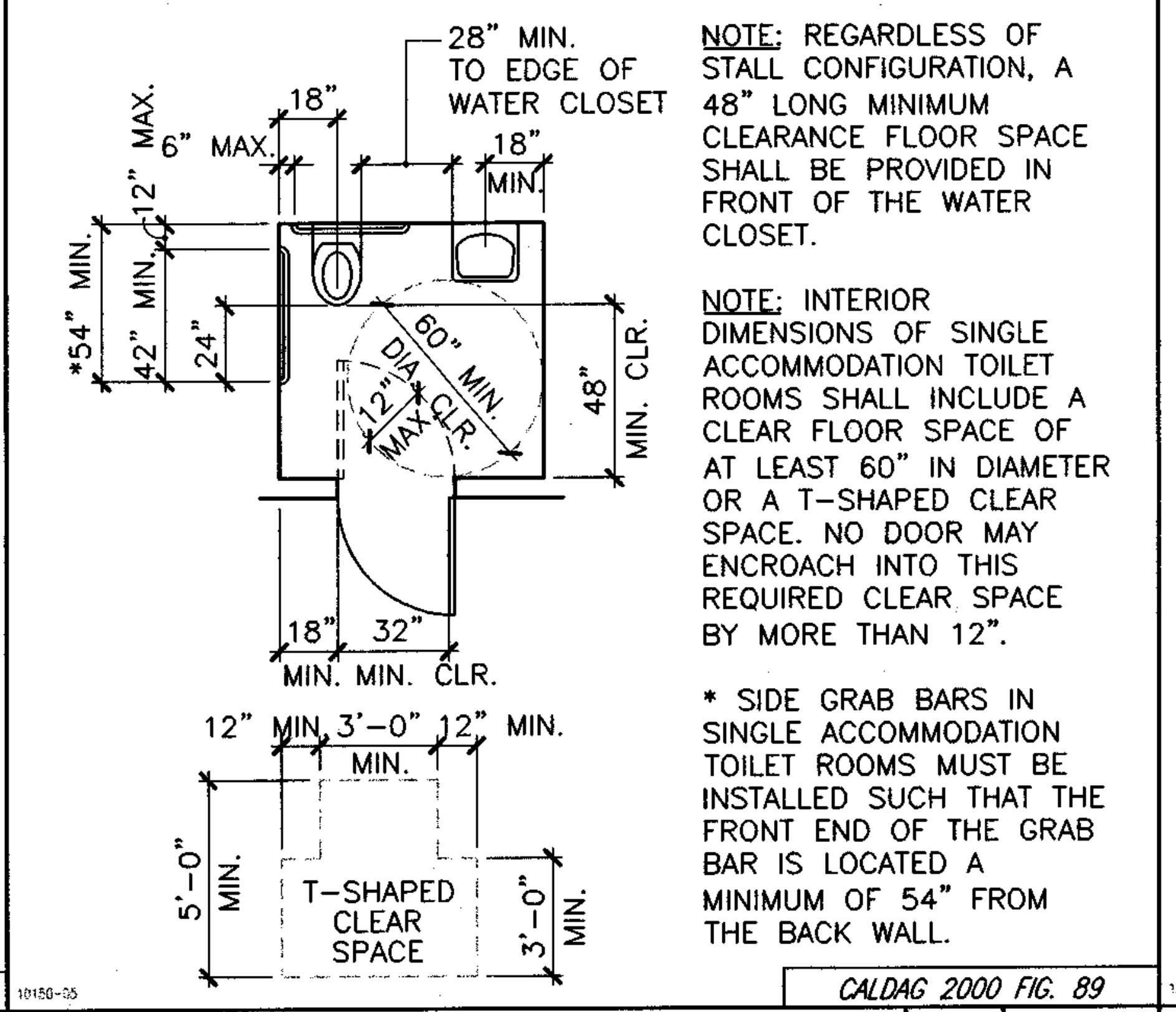
CALDAG 2000 FIG. 82

TOILET DOOR SIGNAGE 1/2" 16



CALDAG 2000 FIG. 94

URINAL (MOUNTING PARAMETER) 1/2" 12



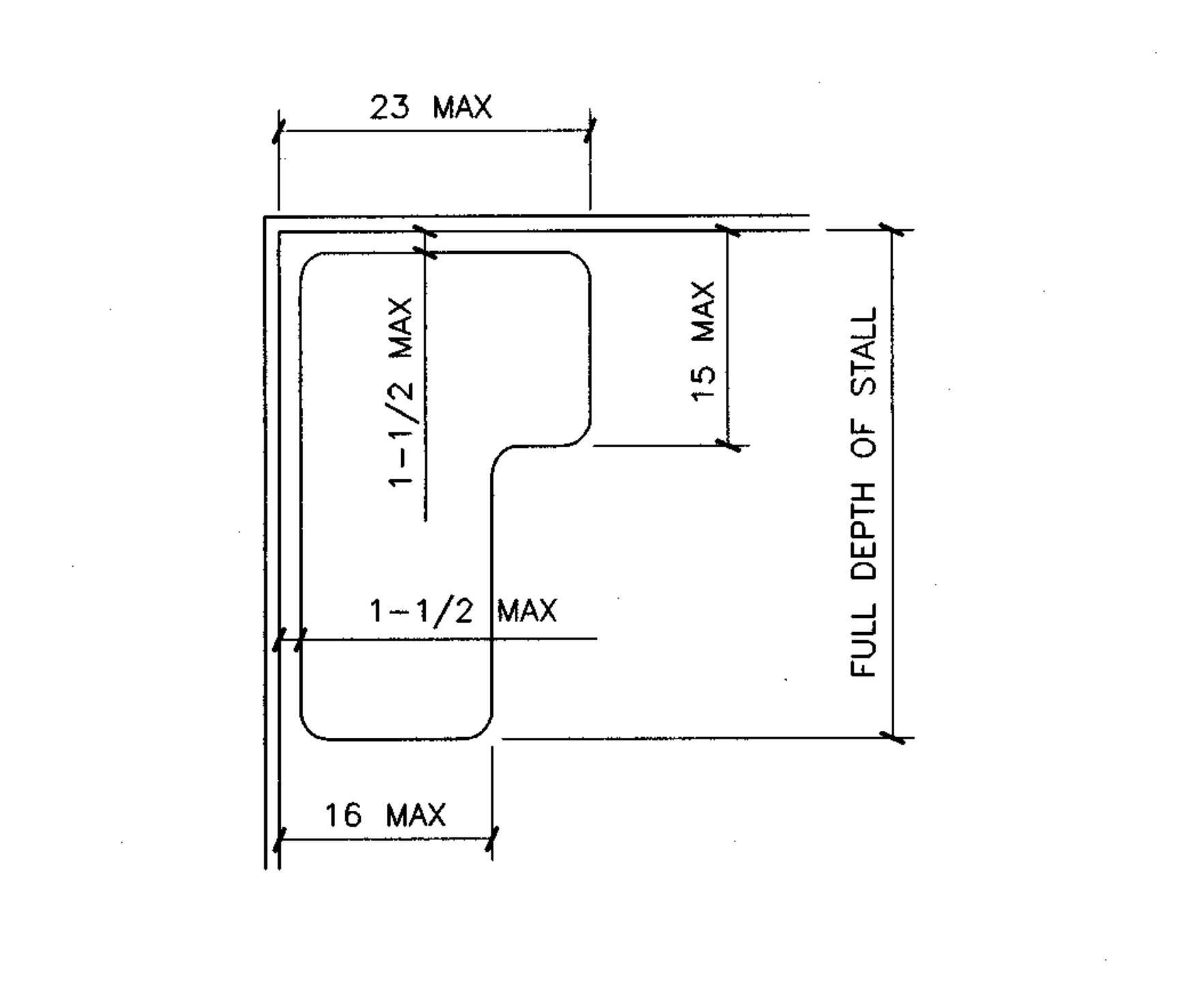
NOTE: REGARDLESS OF STALL CONFIGURATION, A 48" LONG MINIMUM CLEARANCE FLOOR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET.

NOTE: INTERIOR DIMENSIONS OF SINGLE ACCOMMODATION TOILET ROOMS SHALL INCLUDE A CLEAR FLOOR SPACE OF AT LEAST 60" IN DIAMETER OR A T-SHAPED CLEAR SPACE. NO DOOR MAY ENCROACH INTO THIS REQUIRED CLEAR SPACE BY MORE THAN 12".

* SIDE GRAB BARS IN SINGLE ACCOMMODATION TOILET ROOMS MUST BE INSTALLED SUCH THAT THE FRONT END OF THE GRAB BAR IS LOCATED A MINIMUM OF 54" FROM THE BACK WALL.

CALDAG 2000 FIG. 89

SINGLE ACCOMODATION TOILET 1/4" 8



CALDAG 1996 FIG. 99

SHOWER SEAT DESIGN 1" 4

VBN ARCHITECTS

560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
☒ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/03

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO–FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS
APP. NO. 01-101[illegible] DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01
AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

T24/ADA ACCESS COMPLIANCE DIMENSION REQUIREMENTS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: DH/TE CHECKED BY: SP

T01.03

JOB NO: 99041B OF SHEETS

^ RATIO CALC. FOR MIXED OCCUPANCY

N=5,588 SF / 10,500 X 50%=15,750 (EXITING DISTANCE)
N=5,588 SF / 15,750 (ALLOWABLE)=.35
O+M=13,859 SF / 23,500(ALLOWABLE)=.59
.35 + .59 = .94 < 1

ALLOWABLE AREA CALCULATION

* * Represents 100% maximum allowable area increase

BUILDING	TYPE OF CONST.	USE GROUP	EXISTING AREA	BASIC ALLOWABLE AREA S.F.	DISTANCE FROM PROP. LINE (ACTUAL OR ASSUMED)	RESULTANT DISTANCE	ALLOWABLE INCREASE FACTOR SEP 2 =1.25% SEP 3=2.5% SEP ALL=5%	PERCENTAGE AREA INCREASE	AREA INCREASE	TOTAL AREA ALLOWED
POD 'A' ADMIN.	V-N	B	3,548							
			3,548	8,100	38	18	5%	90%	0	15,200
POD B	V-N	E-1	4,242							
			4,242	9,100	32	12	5%	60%	4,550	14,560
POD C	V-1	E-1	2,948							
POD D	V-1	E-1	6,110							
POD I	V-1	E-1	5,187							
POD J	V-1	E-1	11,212							
			25,457	15,700	50	30	1.25%	50%	7,850	23,550
POD E	V-1	E-1	5,547							
POD F	V-1	E-1	7,026							
POD G	V-1	E-1	6,868							
POD H	V-1	E-1	7,825							
			27,266	15,700	130	110	2.50%	100%		31,400
POD K	V-1	E-1	3,810							
POD L	V-1	E-1	4,077							
			7,887	15,700	170	150	1.25%	50%		23,550 * *
POD M	V-1	E-1	3,549							
POD N	V-1	A-2.1	5,580	10,500						10,500
POD O	V-1	E-1	10,310	15,700	130	110	1.25%	50%		23,500
			19,439							34,000 ^

ROOM OCCUPANT LOAD

ROOM OCCUPANT LOAD CALCULATION

ROOM #	ROOM NAME	S.F.	OCCUPANCY			REQD. EXITS
			TYPE	LOAD FACTOR	RESULTANT LOAD	
POD 'A'						
A1	Public Hall		B			
A2	General Office	1702	B	100	17.0	1
A3	Student Hall		B			
A4	Work Room	177	B	100	2.0	1
A5	Office	163	B	100	2.0	1
A6	Principal	249	B	100	3.0	1
A8	Vice Principal	156	B	100	2.0	1
A9	Conference	184	B	15	12.0	1
A10	Nurse	70	B	100	1.0	1
A11	Clinic	280	B	100	3.0	1
A12	Toilet	56	B	100	Accessory Use	1
A13	Psychologist	117	B	100	1.0	1
A14	Storage	269	S-2	300	1.0	1
A15	Men	44	B	100	Accessory Use	1
A16	Women	44	B	100	Accessory Use	1
POD 'B'						
B1	Choral Rehearsal	1134	E-1	20	57.0	**2**
B2	Passage	38	E-1	20	2.0	1
B3	Costumes	115	E-1	300	1.0	1
B4	Uniform Storage	81	E-1	300	1.0	1
B5	Instruments	525	E-1	20	26.0	1
B6	Instrument Rehearsal	1240	E-1	20	62.0	**2**
B7	Props	592	E-1	20	30.0	1
B8	Closet	33	S-2	300	1.0	1
B9	Storage	84	S-2	300	1.0	1
B10	Office	482	E-1	100	5.0	1
B11	Electrical	30	E-1	100	1.0	1

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. THIS DIAGRAM WAS PREPARED TO FACILITATE PLAN CHECKING BY THE AUTHORITY HAVING JURISDICTION AND TO ILLUSTRATE VARIOUS FIRE & LIFE SAFETY ELEMENTS DESIGNED BY THE ORIGINAL ARCHITECT. THESE REPRESENTS THE BEST AVAILABLE INFORMATION FROM DRAWINGS PROVIDED BY THE DISTRICT. DESTRUCTIVE DEMOLITION OR INSPECTION WAS NOT PERFORMED.
2. ARCHITECTS DRAWINGS WERE PREPARED IN 1968 UTILIZING THE APPLICABLE BUILDING CODES AT THAT TIME.
3. EXISTING STORAGE ROOMS ARE ENCLOSED WITH 1 HR WALL CONSTRUCTION AND CONTAIN SPRINKLERS

SYMBOLS

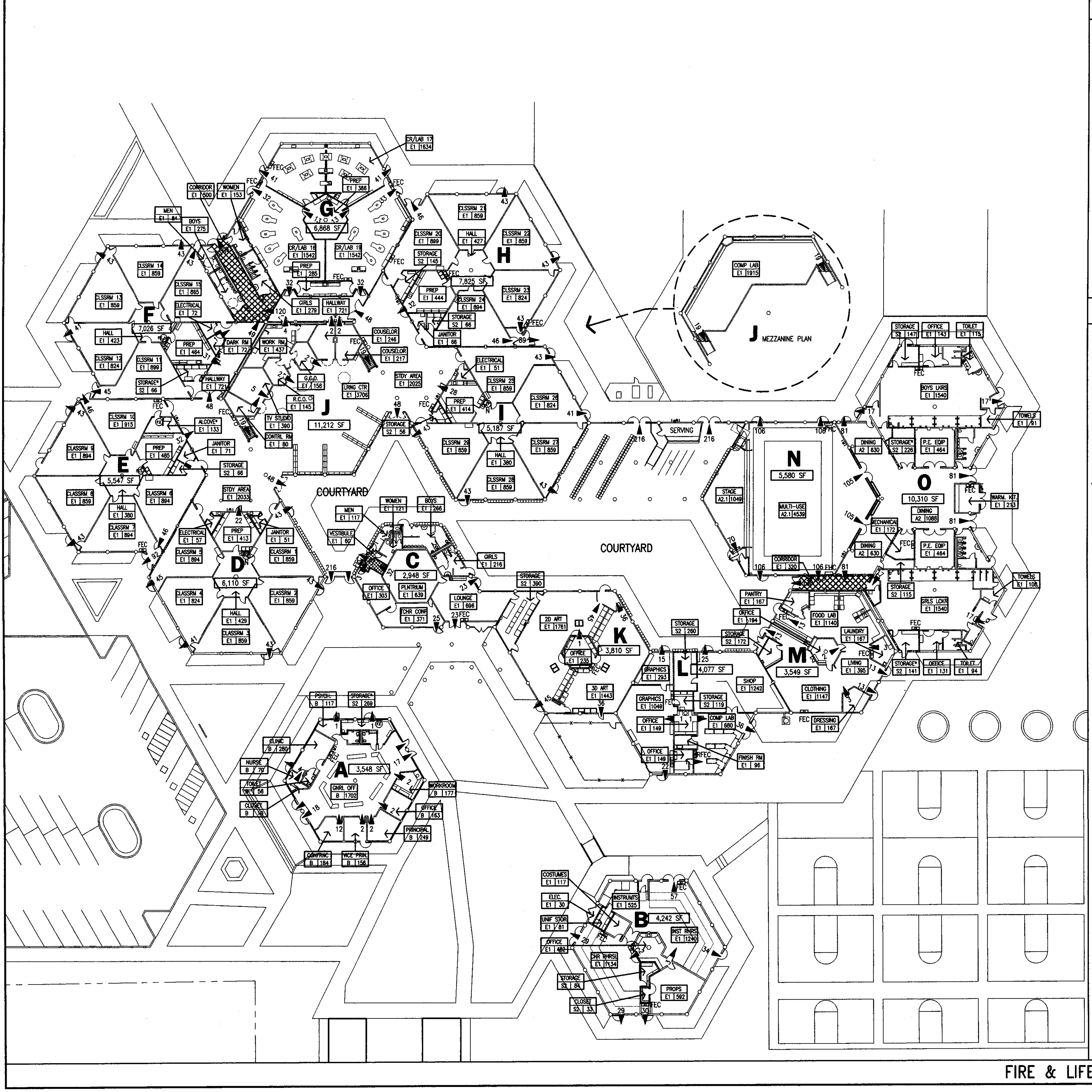
▨	1 HOUR EXIT CORRIDOR, SEE DET. 18/A09.02
▬	(E) NON-RATED PARTITION
▬	(N) NON-RATED PARTITION
▬	(E) 1 HOUR FIRE-RATED PARTITION SEE DET 17/A9.02
▬	(N) 1 HOUR FIRE-RATED PARTITION
▬	(E) 2 HOUR FIRE-RATED PARTITION SEE DET 19/A9.02
⟨∘∘∘∘∘∘∘∘⟩	FIRE DEPT. TRUCK ACCESS ROUTE 20' MIN.
XXX ►	INDICATES DIRECTION OF EGRESS AND EXIT CAPACITY
XXXX XXXX XXXX	ROOM NAME * DENOTES SPRINKLERED SPACE ROOM AREA OCCUPANT TYPE
A = XXX SF	BUILDING AREA
FH ○	FIRE HYDRANT (S.P.D.)
FEC	FIRE EXTINGUISHER CABINET
RFEC	RELOCATED (E) FIRE EXTINGUISHER CABINET
NFEC	(N) FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
☒	FIRE SPRINKLER MAIN (S.P.D.)
(F.E)	(E) FIRE EXTINGUISHER
(F.E) N	(N) FIRE EXTINGUISHER

ROOM OCCUPANT LOAD

ROOM OCCUPANT LOAD CALCULATION

ROOM #	ROOM NAME	S.F.	OCCUPANCY			REQD. EXITS
			TYPE	LOAD FACTOR	RESULTANT LOAD	
POD 'C'						
C1	Teacher's Conference	371	E-1	15	25.0	1
C2	Office	303	E-1	100	3.0	1
C3	Vestibule	60	E-1		Accessory Use	1
C4	Women	121	E-1	100	Accessory Use	1
C5	Men	117	E-1	100	Accessory Use	1
C6	Boys	266	E-1	100	Accessory Use	1
C7	Girls	216	E-1	100	Accessory Use	1
C8	Teacher's Lounge	696	E-1	15	47.0	1
C9	Planetarium	639	E-1	20	32.0	1
POD 'D'						
D1	Janitor	51	E-1	100	1.0	1
D2	Classroom 1	859	E-1	20	43.0	1
D3	Classroom 2	859	E-1	20	43.0	1
D4	Classroom 3	859	E-1	20	43.0	1
D5	Classroom 4	824	E-1	20	42.0	1
D6	Classroom 5	894	E-1	20	45.0	1
D7	Hall	429	E-1		Accessory Use	1
D8	Teacher's Prep	413	E-1	15	28.0	1
D9	Electrical	57	E-1	100	1.0	1
POD 'E'						
E1	Storage	66	S-2	300	1.0	1
E2	Classroom 6	894	E-1	20	45.0	1
E3	Classroom 7	894	E-1	20	45.0	1
E4	Classroom 8	859	E-1	20	43.0	1
E5	Classroom 9	859	E-1	20	43.0	1
E6	Classroom 10	915	E-1	20	46.0	1
E7	Hall	380	E-1		Accessory Use	1
E8	Teacher's Prep	485	E-1	15	33.0	1
E9	Alcove	133	E-1	300	3.0	1
E10	Janitor	71	E-1	100	1.0	1
POD 'F'						
F1	Hallway	721	E-1		Accessory Use	1
F2	Classroom 11	899	E-1	20	45.0	1
F3	Classroom 12	824	E-1	20	41.0	1
F4	Classroom 13	859	E-1	20	43.0	1
F5	Classroom 14	859	E-1	20	43.0	1
F6	Classroom 15	865	E-1	20	44.0	1
F7	Hall	423	E-1		Accessory Use	1
F8	Teacher's Prep	464	E-1	15	31.0	1
F9	Electrical	72	E-1	100	1.0	1
F10	Storage	145	S-2	300	1.0	1
F11	Men	84	E-1		Accessory Use	1
F12	Boys	275	E-1		Accessory Use	1
F13	Not Used					
F14	Dark Room	72	E-1	50	2.0	1
POD 'G'						
G0	Corridor	500	E-1		Accessory Use	
G1	Hallway	721	E-1		Accessory Use	1
G2	Classroom / Laboratory 16	1542	E-1	20	77.0	**2**
G3	Classroom / Laboratory 17	1634	E-1	20	82.0	**2**
G4	Classroom / Laboratory 18	1542	E-1	20	77.0	**2**
G5	Not Used		E-1	20	0.0	1
G6	Teacher's Prep	386	E-1	15	26.0	1
G7	Preparation	285	E-1		Accessory Use	1
G8	Not Used		E-1			1
G9	Girls	279	E-1	100	Accessory Use	1
G10	Women	153	E-1	100	Accessory Use	1
POD 'H'						
H1	Janitor	66	E-1	100	1.0	1
H2	Classroom 20	899	E-1	20	45.0	1
H3	Classroom 21	859	E-1	20	43.0	1
H4	Classroom 22	859	E-1	20	43.0	1
H5	Classroom 23	824	E-1	20	42.0	1
H6	Classroom 24	894	E-1	20	48.0	1
H7	Hall	427	E-1		Accessory Use	1
H8	Teacher's Prep	444	E-1	15	30.0	1
H9	Storage	66	E-1	300	1.0	1
H10	Storage	145	S-2	300	1.0	1
POD 'I'						
I1	Electrical	51	E-1	100	1.0	1
I2	Classroom 25	859	E-1	20	43.0	1
I3	Classroom 26	824	E-1	20	43.0	1
I4	Classroom 27	859	E-1	20	43.0	1
I5	Classroom 28	859	E-1	20	43.0	1
I6	Classroom 29	859	E-1	20	43.0	1
I7	Hall	380	E-1		Accessory Use	1
I8	Teacher's Prep	414	E-1	15	28.0	1
I9	Storage	56	S-2	300	1.0	1
POD 'J'						
J1	Learning Center	3706	E-1	50	74.0	**2**
J2	Study Area	2033	E-1	50	41.0	1
J3	Study Area	2025	E-1	50	41.0	1
J4	Not Used					
J5	Not Used					
J6	Counselor	217	E-1	100	3.0	1
J7	Counselor	246	E-1	100	3.0	1
J8	Guidence Consultant Office	158	E-1	100	2.0	1
J9	Work Room	437	E-1	100	4.0	1
J10	Resource Coordinator Office	146	E-1	100	2.0	1
J11	T.V. Studio	390	E-1	100	4.0	1
J12	Control Room	80	E-1	100	1.0	1
J13	A.V. Room	85	E-1	100	1.0	1
J14	Computer Lab	1915	E-1	50	38.0	**2***
POD 'K'						
K1	Two Dimensional Arts	1761	E-1	20	88.0	**2**
K2	Not Used	303	E-1			
K3	Three Dimensional Arts	1443	E-1	20	72.0	**2**
K4	Office	235	E-1	100	2.0	1
K5	Storage	390	S-2	300	1.0	1
POD 'L'						
L1	Graphic Arts Laboratory	1049	E-1	50	21.0	1
L2	Project Storage	260	E-1	300	1.0	1
L3	Project Storage	119	E-1	300	1.0	1
L4	Office	149	E-1	100	2.0	1
L5	Finish Room	96	E-1	50	2.0	1
L6	Office	155	E-1	100	2.0	1
L7	Shop	1242	E-1	50	25.0	1
L8	Graphic Arts Classroom	293	E-1	20	15.0	1
L9	Shop Computer Laboratory	680	E-1	20	34.0	1
POD 'M'						
M1	Dressing	167	E-1	50	3.0	1
M2	Clothing	1147	E-1	50	23.0	1
M3	Storage	172	S-2	300	1.0	1
M4	Food Laboratory	1140	E-1	50	23.0	1
M5	Pantry	167	E-1	50	3.0	1
M6	Laundry	167	E-1	50	3.0	1
M7	Living	395	E-1	50	8.0	1
M8	Office	194	E-1	100	2.0	1
POD 'N'						
N1	Multi-Use Room	4431	A-2.1	7	633.0	**2**
N2	Stage	1022	A-2.1	15	68.0	**2**
N3	Lift Area	60	A-2.1	15	4.0	1
N4	Ladder Area	40	A-2.1	15	3.0	1
POD 'O'						
O1	Girls Locker Room	1540	E-1	50	31.0	**2**
O2	Girls Showers	281	E-1	50	6.0	1
O3	Individual Showers	110	E-1	50	2.0	1
O4	Towels	108	E-1	50	2.0	1
O5	Office Toilet	94	E-1	50	2.0	1
O6	Office	131	E-1	100	1.0	1
O7	Storage	141	S-2	300	1.0	1
O8	Janitor	40	E-1	100	1.0	1
O9	Mechanical	172	E-1	100	2.0	1
O10	P.E.Equipment	464	E-1	300	2.0	1
O11	Girls	179	E-1	100	2.0	1
O12	Dining Area	630	E-1	15	42.0	**2**
O13	Dining Area	1088	E-1	15	73.0	**2**
O14	Warming Kitchen	213	E-1	100	2.0	1
O15	Dining Area	630	E-1	15	42.0	**2**
O16	Storage	226	S-2	300	1.0	1
O17	P.E.Equipment	464	E-1	300	2.0	1
O18	Boys	173	E-1	50	4.0	**2**
O19	Boys Lockers	1540	E-1	50	31.0	**2**
O20	Boys Showers	281	E-1	50	6.0	1
O21	Towels	91	E-1	50	2.0	1
O22	Office Toilet	115	E-1	50	2.0	1
O23	Office	143	E-1	100	1.0	1
O24	Storage	147	S-2	300	1.0	1
O25	Electrical	55	E-1	100	1.0	1
O26	Janitor	35	E-1	100	1.0	1
O27	Storage	115	S-2	300	1.0	1

* 2 EXITS ARE REQUIRED BECAUSE OF "SECOND" FLOOR LOCATION, NOT OCCUPANT LOAD.



FIRE & LIFE SAFETY DIAGRAM 25' 1

VBN

501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP: 12/31/99

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 101836
AC luf FLS SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

FIRE AND LIFE SAFETY DIAGRAM

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

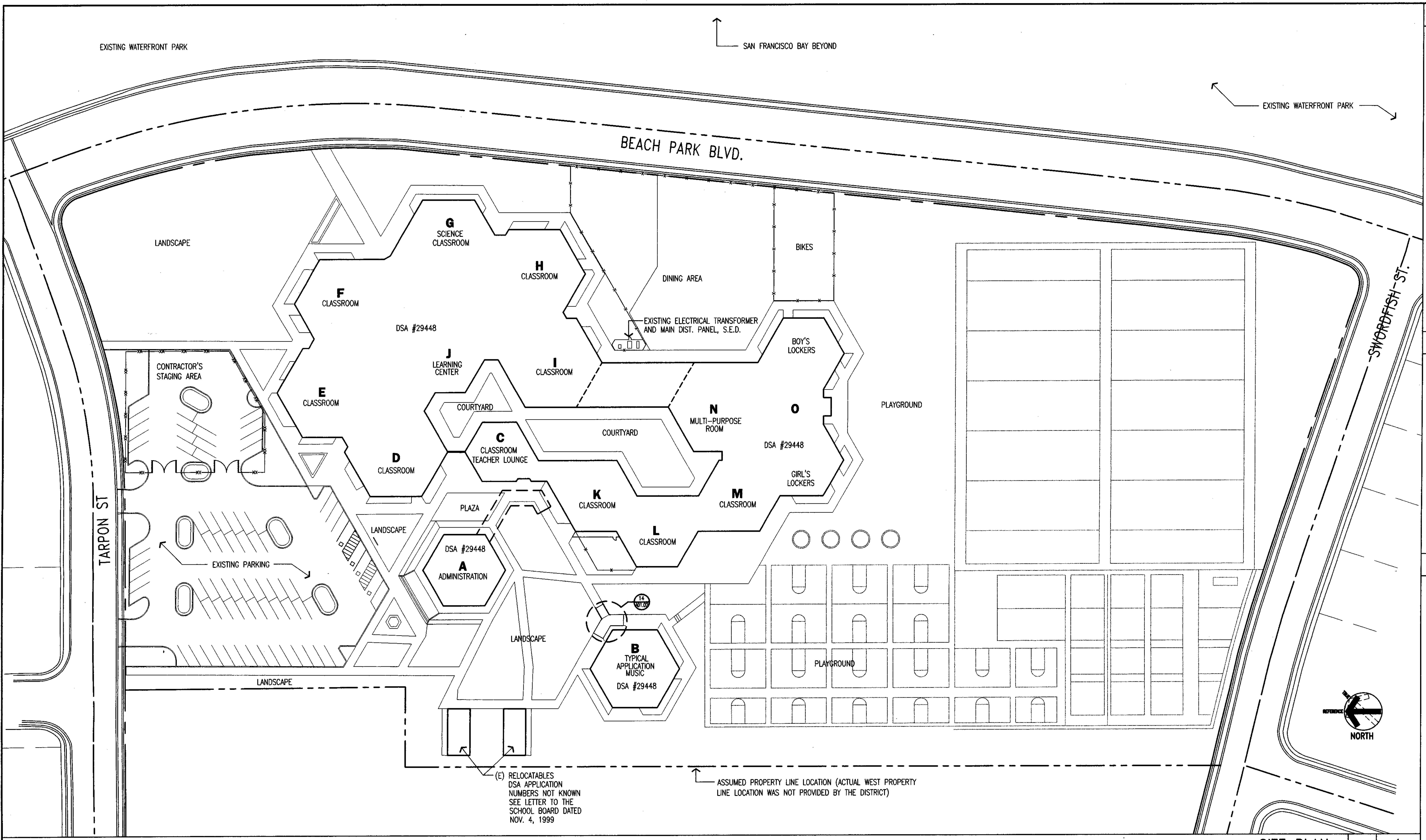
DRAWN BY: TFE CHECKED BY: SP

T01.04

JOB NO: 99041B OF SHEETS

EST. HOURS 100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0% STATUS BAR

\99041-SanMateo_FosterCity_SD\99041B-Bowditch_Elem\T0104.dwg Tue Nov 16 07:58:32 1999 Michelle



SITE PLAN 1"=40" 1

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. SITE PLANS SHOW WORK TO BE COMPLETED ON SITE AND PROVIDE SITE ORIENTATION.

2. SITE PLAN, ELEVATIONS, AND LOCATION OF BUILDINGS AND FEATURES ARE FROM DATUM AVAILABLE THROUGH THE OWNER.

2.1. FIELD VERIFY ALL DIMENSIONS,

3. THE CONTRACTOR IS RESPONSIBLE FOR ALL ACTIVITIES WITHIN THE AREA OF SCOPE OF WORK AND STAGING AREA.

3.1. THERE WILL BE NO OPERATIONS OR STORAGE OUTSIDE OF THE AREA OF THE SCOPE OF WORK OR STAGING WITHOUT PERMISSION OF THE DISTRICT.

3.2. AREAS DAMAGED OR OTHERWISE AFFECTED BY ALTERATIONS WILL BE PATCHED, REPAIRED, OR RECONSTRUCTED TO MATCH ADJACENT OR ORIGINAL.

4. SEE DRAWING A01.02 FOR ACCESS COMPLIANCE CONCERNS.

5. SEE DRAWING A01.03 FOR FIRE AND LIFE SAFETY CONCERNS.

SYMBOLS

—·—·—┘ PROPERTY LINES

—x—x— TEMPORARY CONSTRUCTION FENCING

—x—x— EXISTING FENCING

LEGEND

VBN ARCHITECTS
501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
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☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
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LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP. 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 307836
AC LW FLS SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

SITE PLAN

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: DH/TE CHECKED BY: SP

A01.01

JOB NO: 99041B OF SHEETS

STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% EST. HOURS

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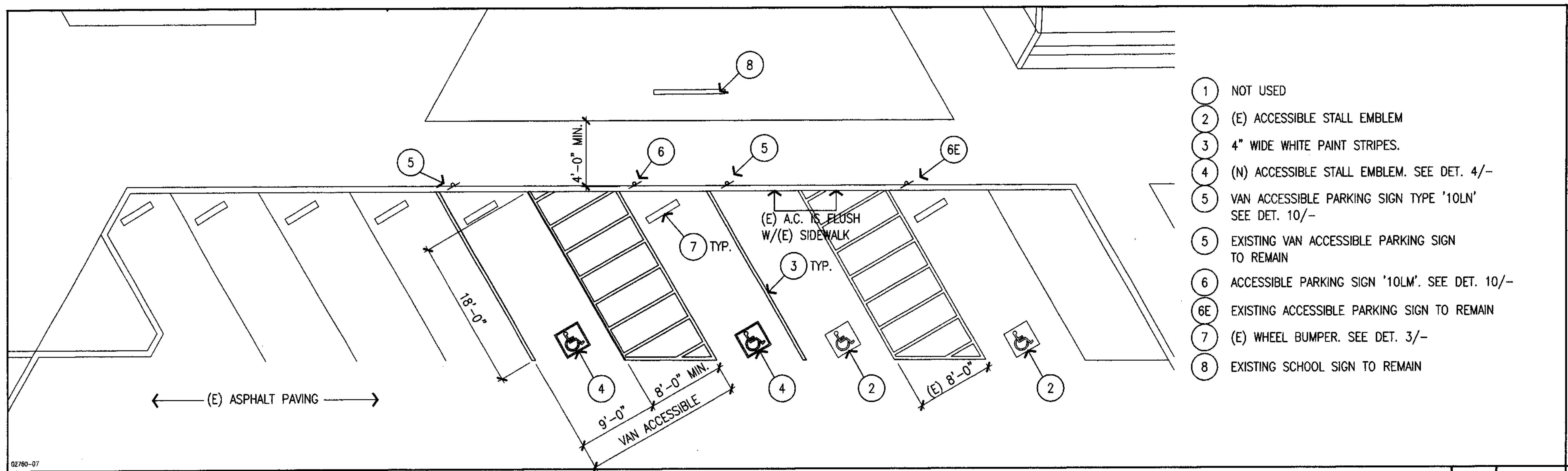


(E) ASPHALT PAVING
4'-0" MIN.
18'-0"
9'-0"
8'-0" MIN.
VAN ACCESSIBLE
(E) 8'-0"
(E) A.C. IS FLUSH W/(E) SIDEWALK
7 TYP.
3 TYP.
1 NOT USED
2 (E) ACCESSIBLE STALL EMBLEM
3 4" WIDE WHITE PAINT STRIPES.
4 (N) ACCESSIBLE STALL EMBLEM. SEE DET. 4/-
5 VAN ACCESSIBLE PARKING SIGN TYPE '10LN' SEE DET. 10/-
5 EXISTING VAN ACCESSIBLE PARKING SIGN TO REMAIN
6 ACCESSIBLE PARKING SIGN '10LM'. SEE DET. 10/-
6E EXISTING ACCESSIBLE PARKING SIGN TO REMAIN
7 (E) WHEEL BUMPER. SEE DET. 3/-
8 EXISTING SCHOOL SIGN TO REMAIN
02760-07

DOUBLE DIAGONAL PARKING STALL | 1/8" | 9

THE FOLLOWING GUIDLINES MUST BE ADHERED TO WHEN INCLUDING THIS REQUIREMENT IN THE BID SPECIFICATION:

PLACE THE SIGN IN A PROMINENT FRONTAGE LOCATION ON THE PROJECT SITE. IT SHOULD BE CLEARLY VISIBLE FROM MAJOR STREETS BORDERING THE SITE, TO BE SELECTED BY THE ARCHITECT.

THE SIGN SHALL CONTAIN THE FOLLOWING LANGUAGE:

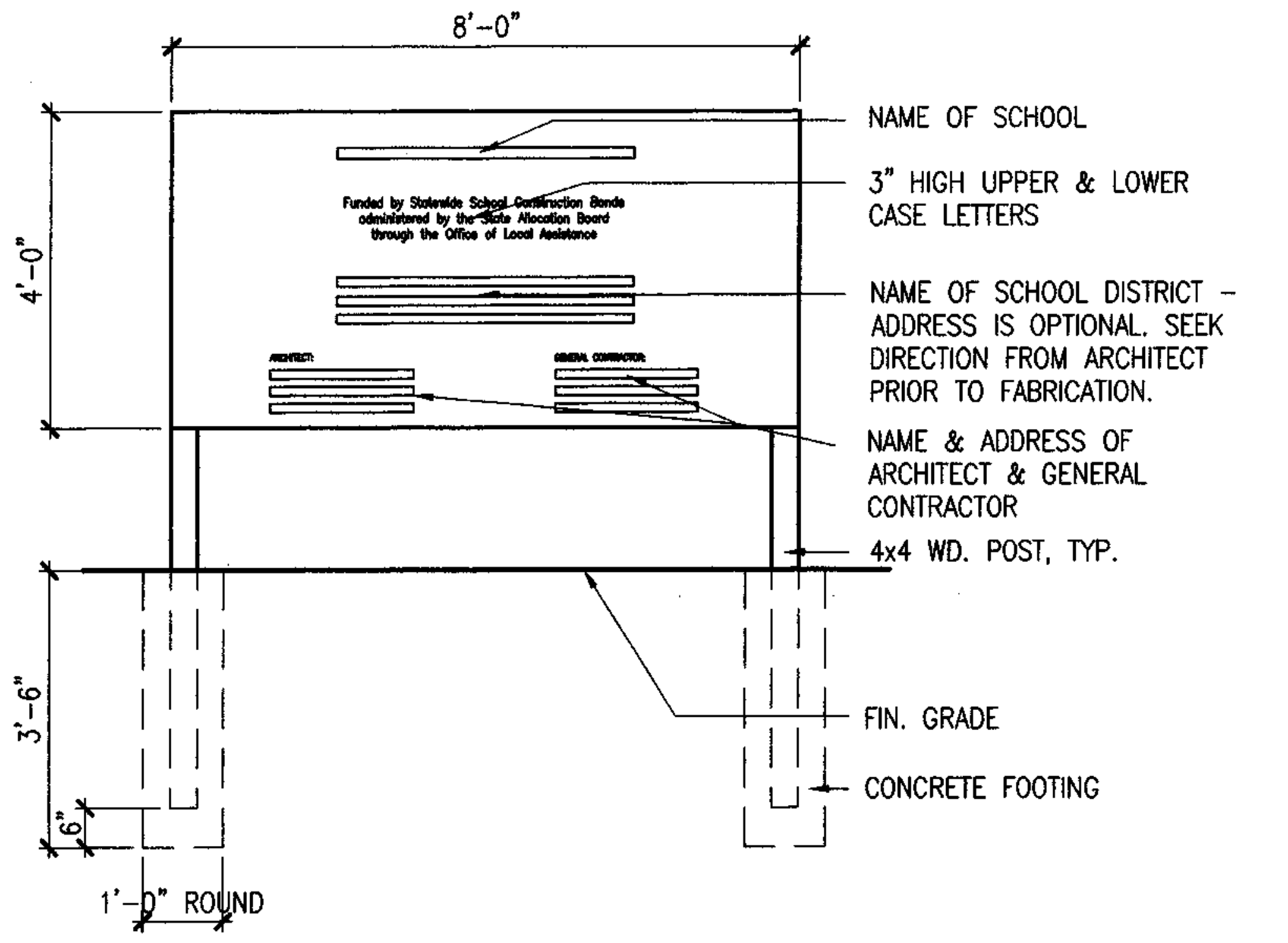
"FUNDED BY STATEWIDE SCHOOL CONSTRUCTION BONDS ADMINISTERED BY THE STATE ALLOCATION BOARD THROUGH THE OFFICE OF LOCAL ASSISTANCE."

THE DISTRICT MAY SELECT THE COLORS OF THE SIGN. THE DISTRICT MAY EXPAND THE SIZE OF THE SIGN AND INCLUDE ADDITIONAL INFORMATION.

THE SIGN MUST REMAIN IN PLACE THROUGH CONSTRUCTION OF THE PROJECT. IT MUST BE REMOVED ENTIRELY AND DISPOSED OF AT THE FILING OF THE NOTICE OF COMPLETION.

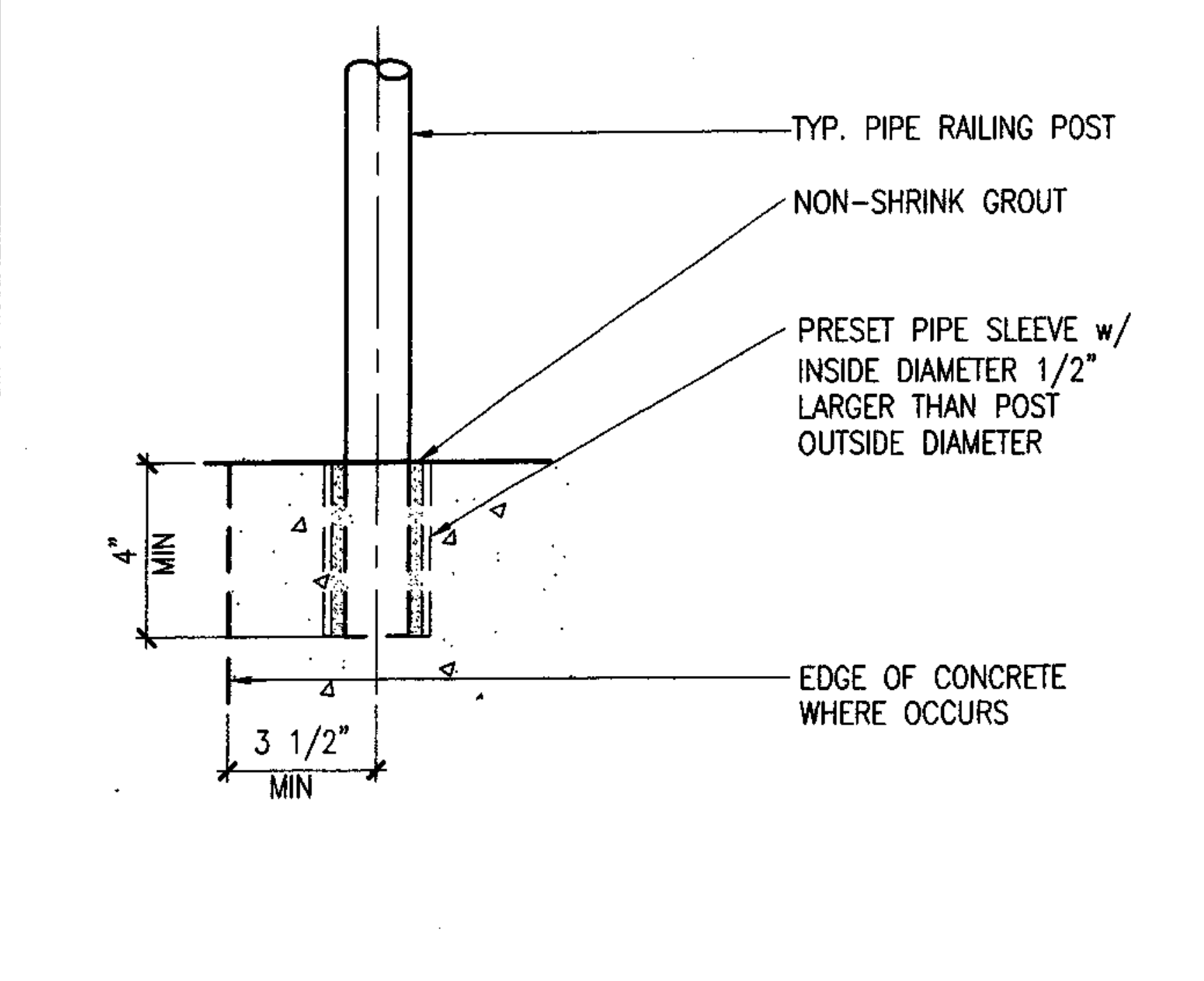
NO ADDITIONAL COST ALLOWANCE WILL BE PROVIDED. THE SIGNAGE COST WILL BE ABSORBED IN THE EXISTING BUILDING COST ALLOWANCE FOR THE PROJECT.

TO BE FINISHED WITH ANTI-GRAFFITI COATING



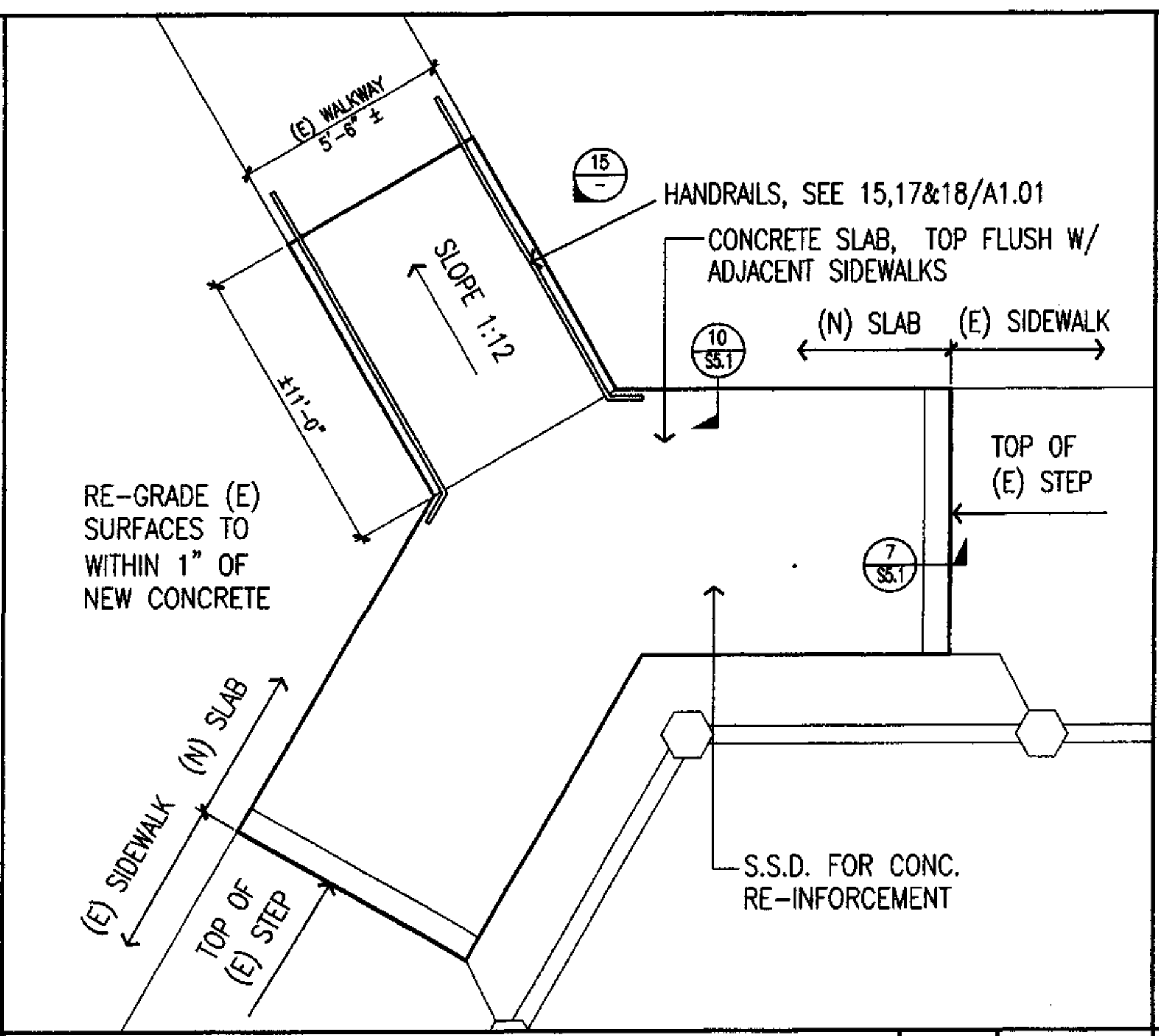
8'-0"
4'-0"
3'-6"
6"
1'-0" ROUND
Funded by Statewide School Construction Bonds administered by the State Allocation Board through the Office of Local Assistance
NAME OF SCHOOL
3" HIGH UPPER & LOWER CASE LETTERS
NAME OF SCHOOL DISTRICT - ADDRESS IS OPTIONAL. SEEK DIRECTION FROM ARCHITECT PRIOR TO FABRICATION.
NAME & ADDRESS OF ARCHITECT & GENERAL CONTRACTOR
4x4 WD. POST, TYP.
FIN. GRADE
CONCRETE FOOTING
10430-05

STATE PROJECT SITE SIGN | 1/2" | 1



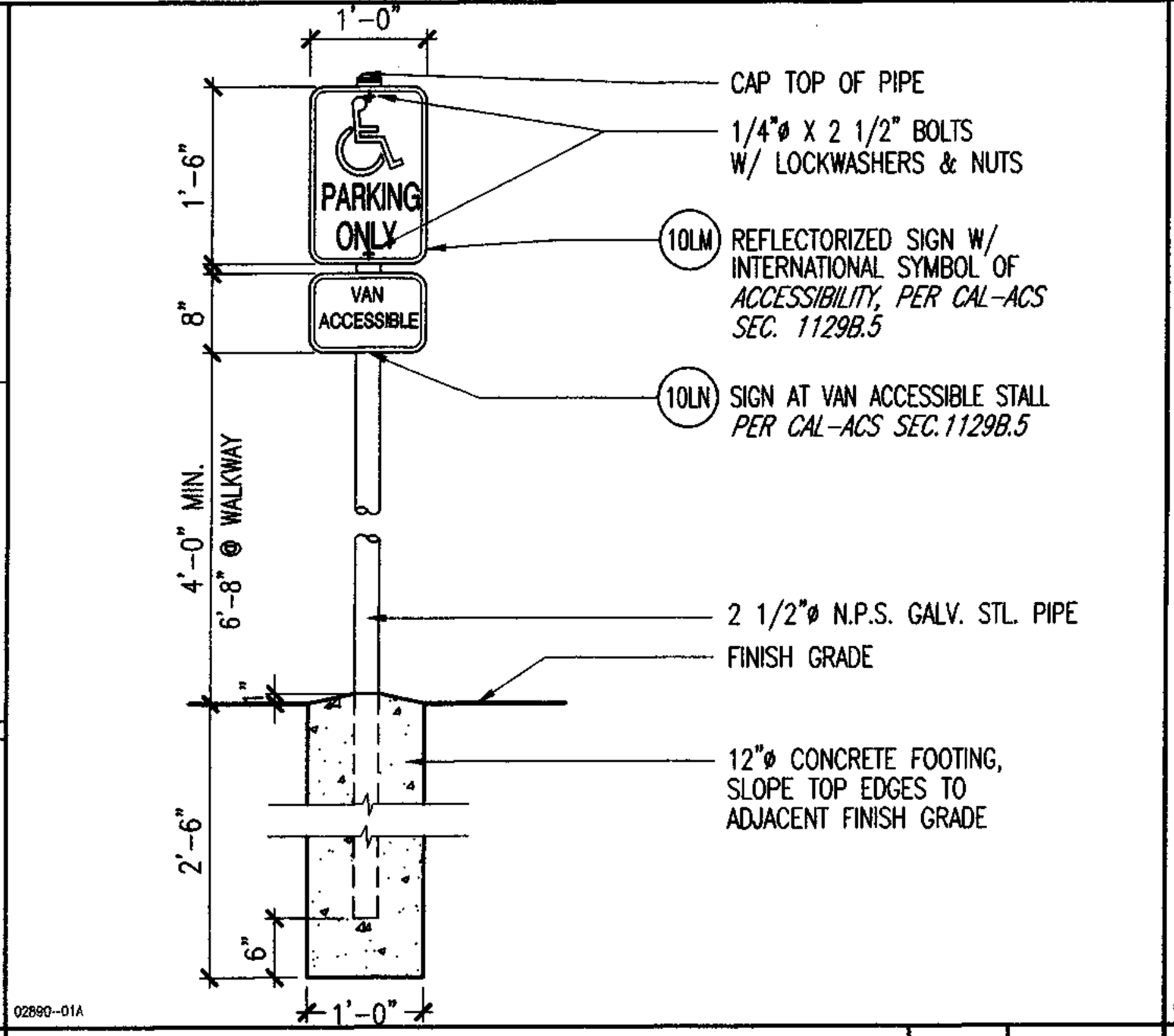
TYP. PIPE RAILING POST
NON-SHRINK GROUT
PRESET PIPE SLEEVE w/ INSIDE DIAMETER 1/2" LARGER THAN POST OUTSIDE DIAMETER
EDGE OF CONCRETE WHERE OCCURS
4" MIN
3 1/2" MIN
05520-01

HANDRAIL POST ANCHORAGE | 3" | 17



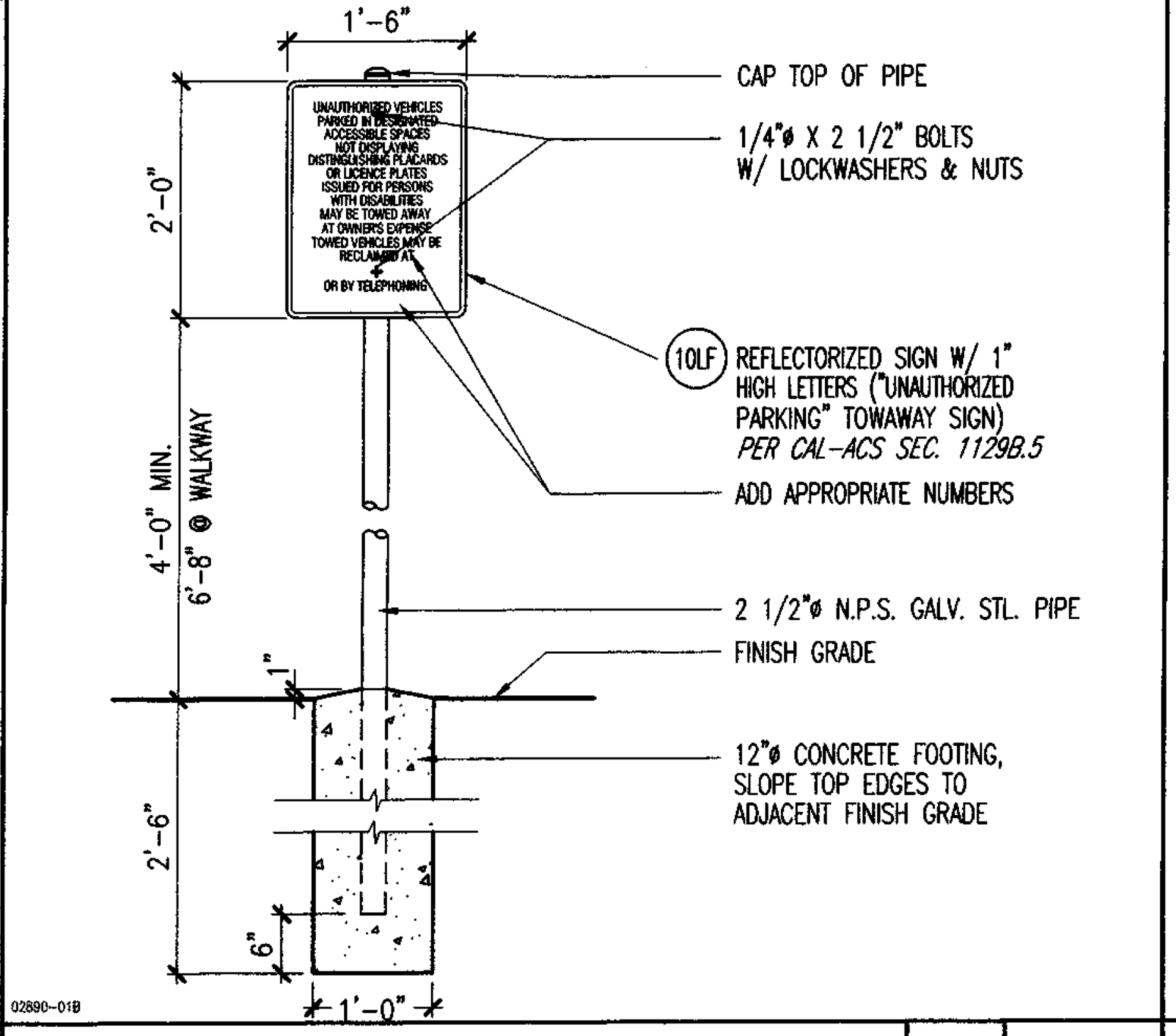
(E) WALKWAY 5'-6" ±
SLOPE 1:12
±11'-0"
HANDRAILS, SEE 15,17&18/A1.01
CONCRETE SLAB, TOP FLUSH W/ ADJACENT SIDEWALKS
(N) SLAB
(E) SIDEWALK
TOP OF (E) STEP
RE-GRADE (E) SURFACES TO WITHIN 1" OF NEW CONCRETE
(E) SIDEWALK (N) SLAB
TOP OF (E) STEP
S.S.D. FOR CONC. RE-INFORCEMENT

ACCESSIBLE RAMP AT POD "B" | 1/4 | 14



1'-0"
1'-6"
8"
4'-0" MIN.
6'-8" @ WALKWAY
2'-6"
6"
PARKING ONLY
VAN ACCESSIBLE
CAP TOP OF PIPE
1/4"φ X 2 1/2" BOLTS W/ LOCKWASHERS & NUTS
10LM REFLECTORIZED SIGN W/ INTERNATIONAL SYMBOL OF ACCESSIBILITY, PER CAL-ACS SEC. 1129B.5
10LN SIGN AT VAN ACCESSIBLE STALL PER CAL-ACS SEC.1129B.5
2 1/2"φ N.P.S. GALV. STL. PIPE
FINISH GRADE
12"φ CONCRETE FOOTING, SLOPE TOP EDGES TO ADJACENT FINISH GRADE
02890-01A

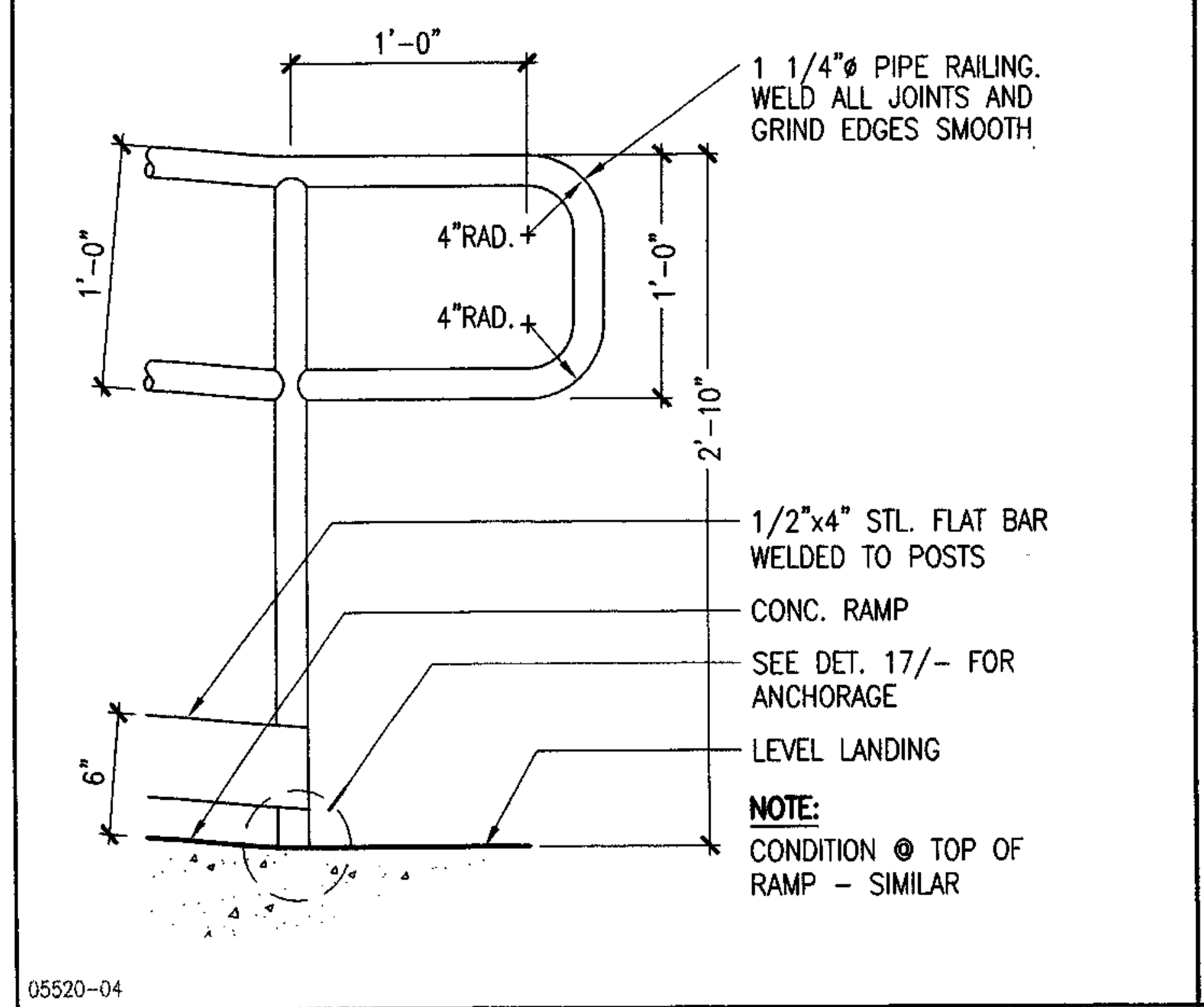
ACCESSIBLE PARKING SIGN | 3/4" | 10



1'-6"
2'-0"
4'-0" MIN.
6'-8" @ WALKWAY
1'-0"
2'-6"
6"
1'-0"
CAP TOP OF PIPE
1/4"φ X 2 1/2" BOLTS W/ LOCKWASHERS & NUTS
10LF REFLECTORIZED SIGN W/ 1" HIGH LETTERS ("UNAUTHORIZED PARKING" TOWAWAY SIGN) PER CAL-ACS SEC. 1129B.5
ADD APPROPRIATE NUMBERS
2 1/2"φ N.P.S. GALV. STL. PIPE
FINISH GRADE
12"φ CONCRETE FOOTING, SLOPE TOP EDGES TO ADJACENT FINISH GRADE
02890-01B

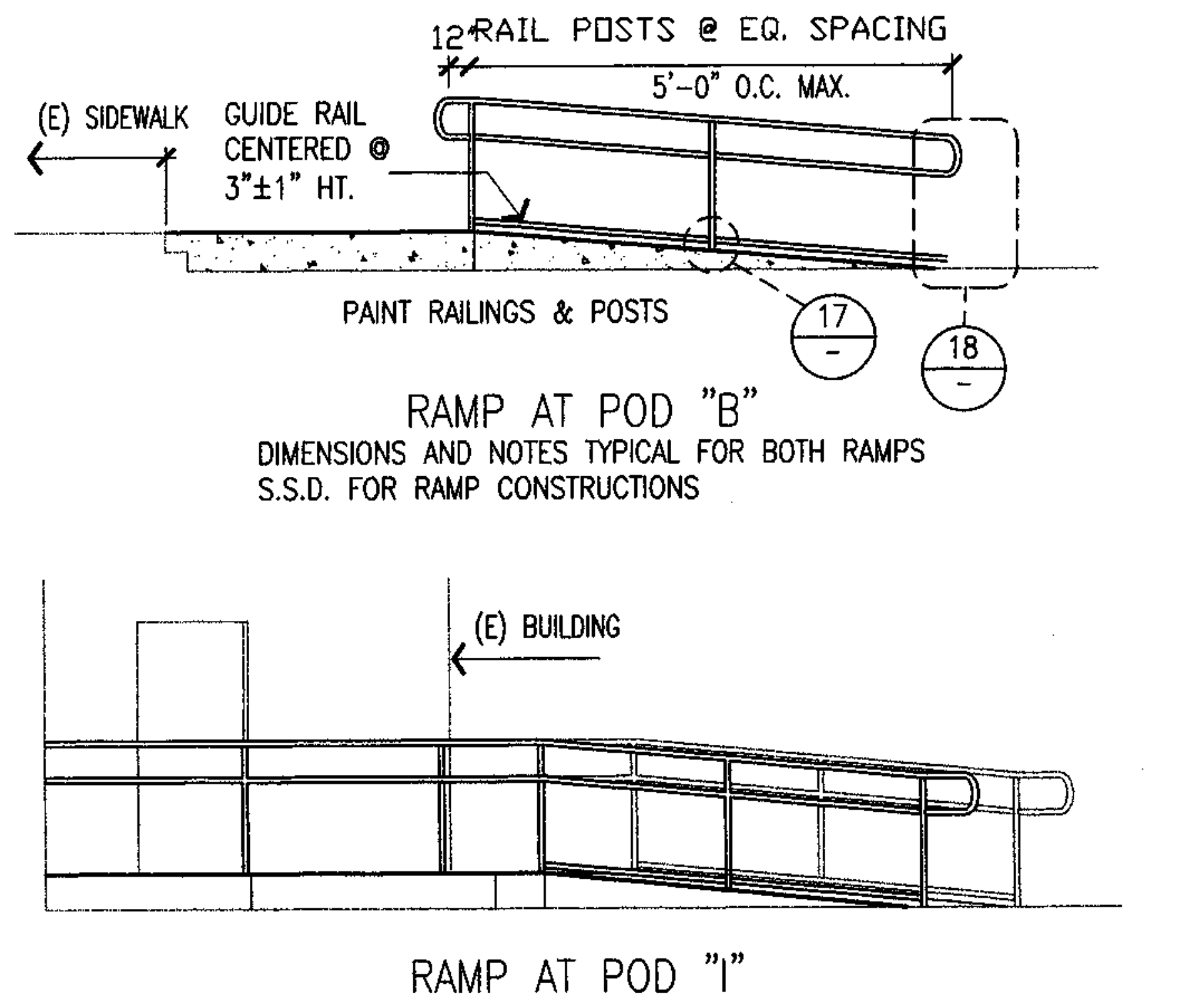
ACCESSIBLE NOTIFICATION SIGN | 3/4" | 6

NOT USED | SCALE | 2



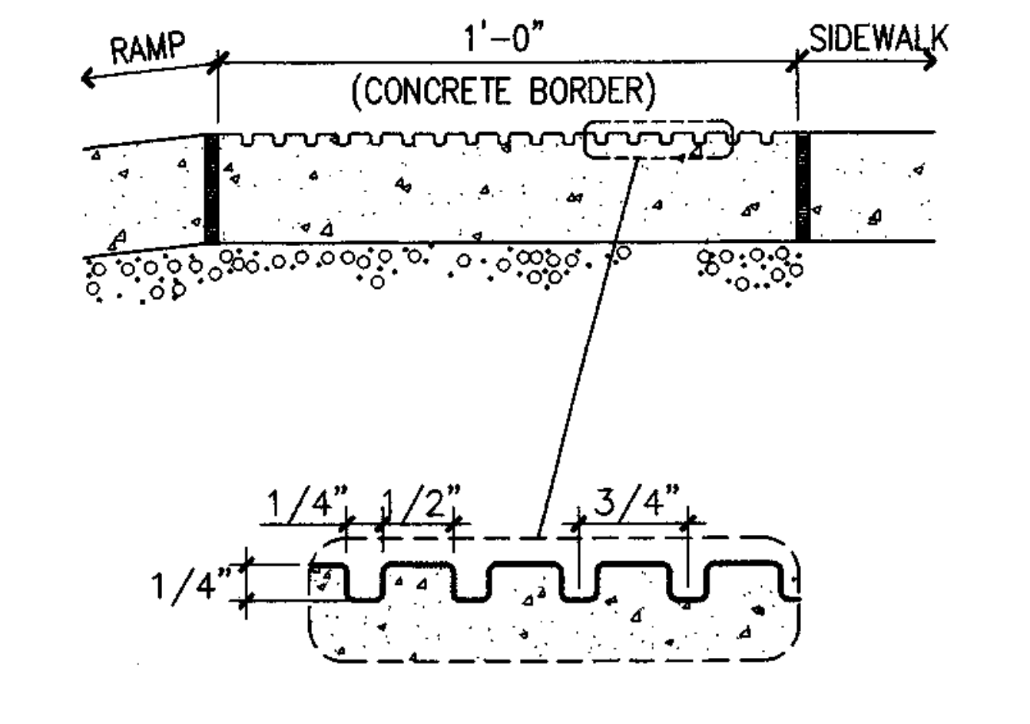
1'-0"
1'-0"
1'-0"
2'-10"
6"
4"RAD.
4"RAD.
1 1/4"φ PIPE RAILING. WELD ALL JOINTS AND GRIND EDGES SMOOTH
1/2"x4" STL. FLAT BAR WELDED TO POSTS
CONC. RAMP
SEE DET. 17/- FOR ANCHORAGE
LEVEL LANDING
NOTE:
CONDITION @ TOP OF RAMP - SIMILAR
05520-04

HANDRAIL @ CONC. RAMP | 1 1/2" | 18

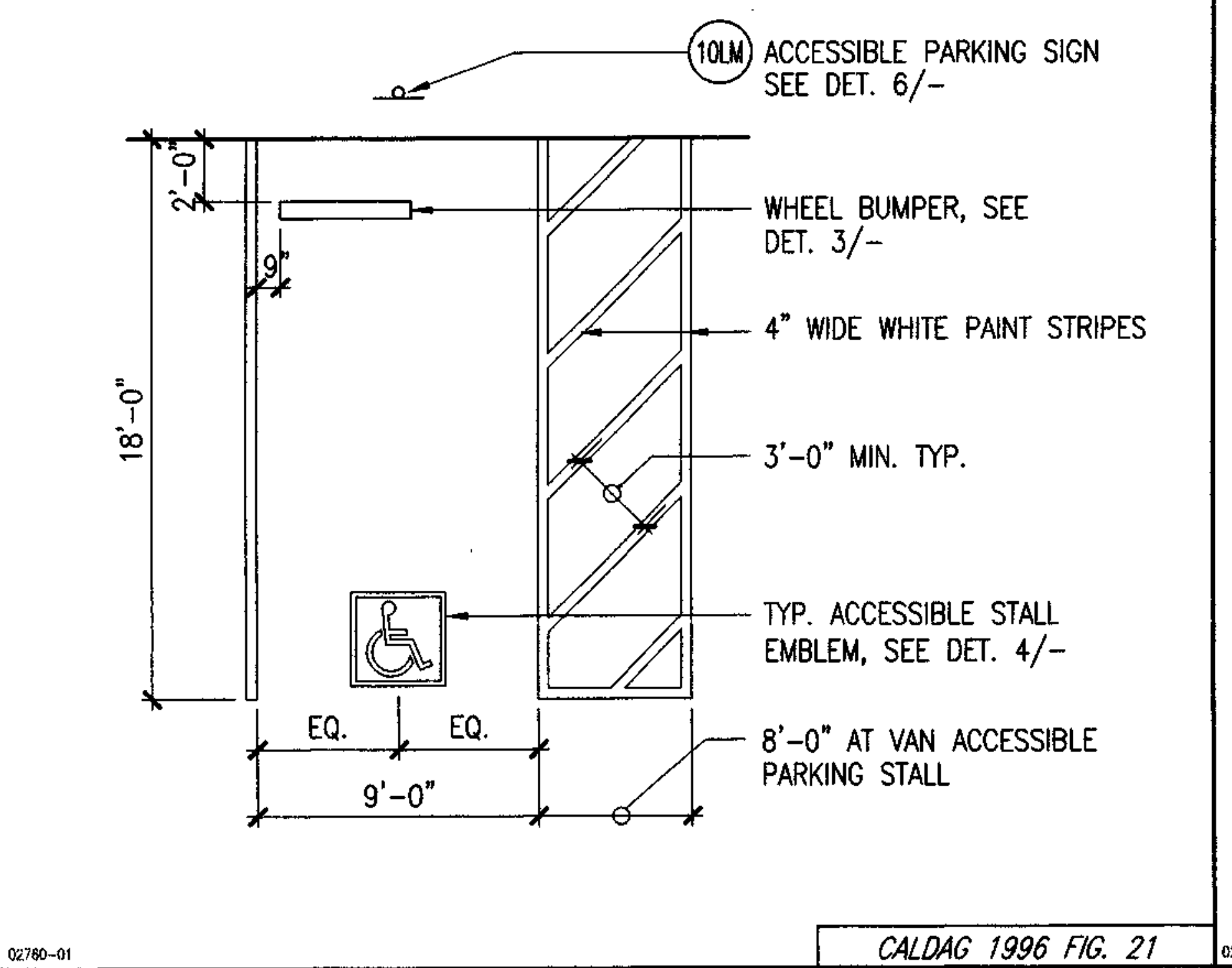


12 RAIL POSTS @ EQ. SPACING
5'-0" O.C. MAX.
(E) SIDEWALK
GUIDE RAIL CENTERED @ 3"±1" HT.
PAINT RAILINGS & POSTS
RAMP AT POD "B"
DIMENSIONS AND NOTES TYPICAL FOR BOTH RAMPS
S.S.D. FOR RAMP CONSTRUCTIONS
(E) BUILDING
RAMP AT POD "I"

RAMP HANDRAILS | 1/4" | 15

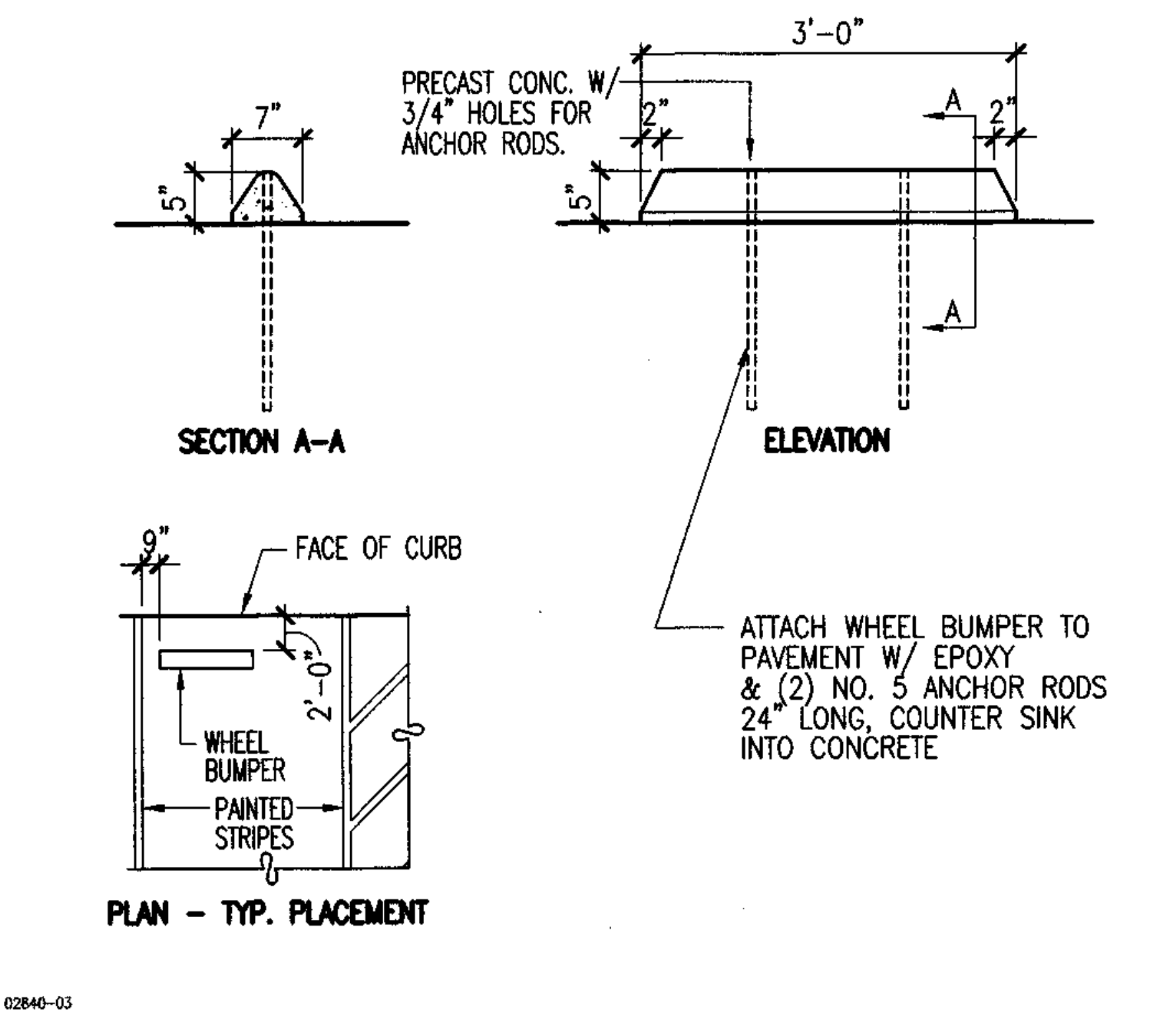


GROOVED BORDER | 3" | 11



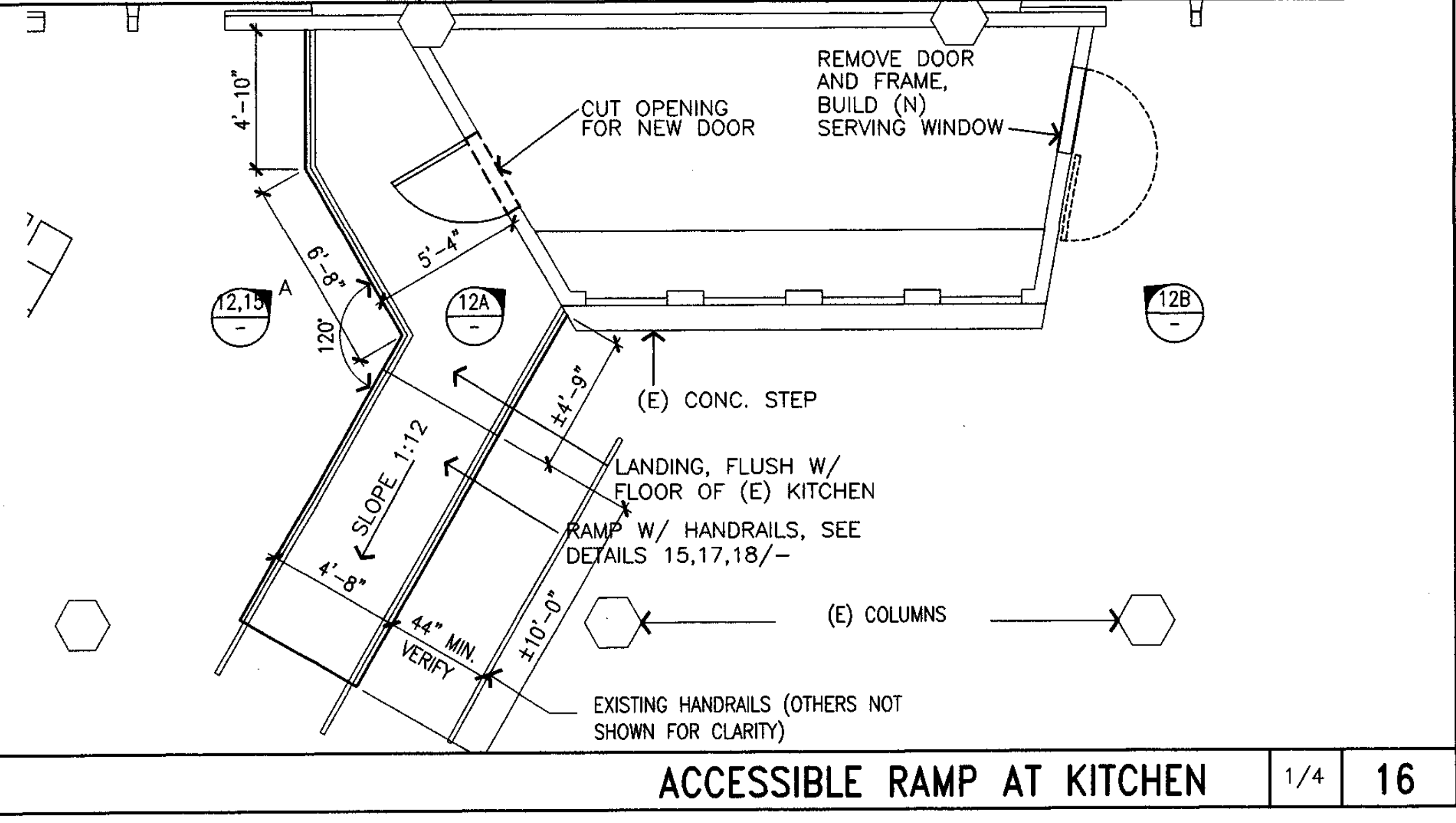
10LM ACCESSIBLE PARKING SIGN SEE DET. 6/-
2'-0"
18'-0"
EQ.
EQ.
9'-0"
WHEEL BUMPER, SEE DET. 3/-
4" WIDE WHITE PAINT STRIPES
3'-0" MIN. TYP.
TYP. ACCESSIBLE STALL EMBLEM, SEE DET. 4/-
8'-0" AT VAN ACCESSIBLE PARKING STALL
02760-01
CALDAG 1996 FIG. 21

ACCESSIBLE PARKING STALL | 3/16" | 7



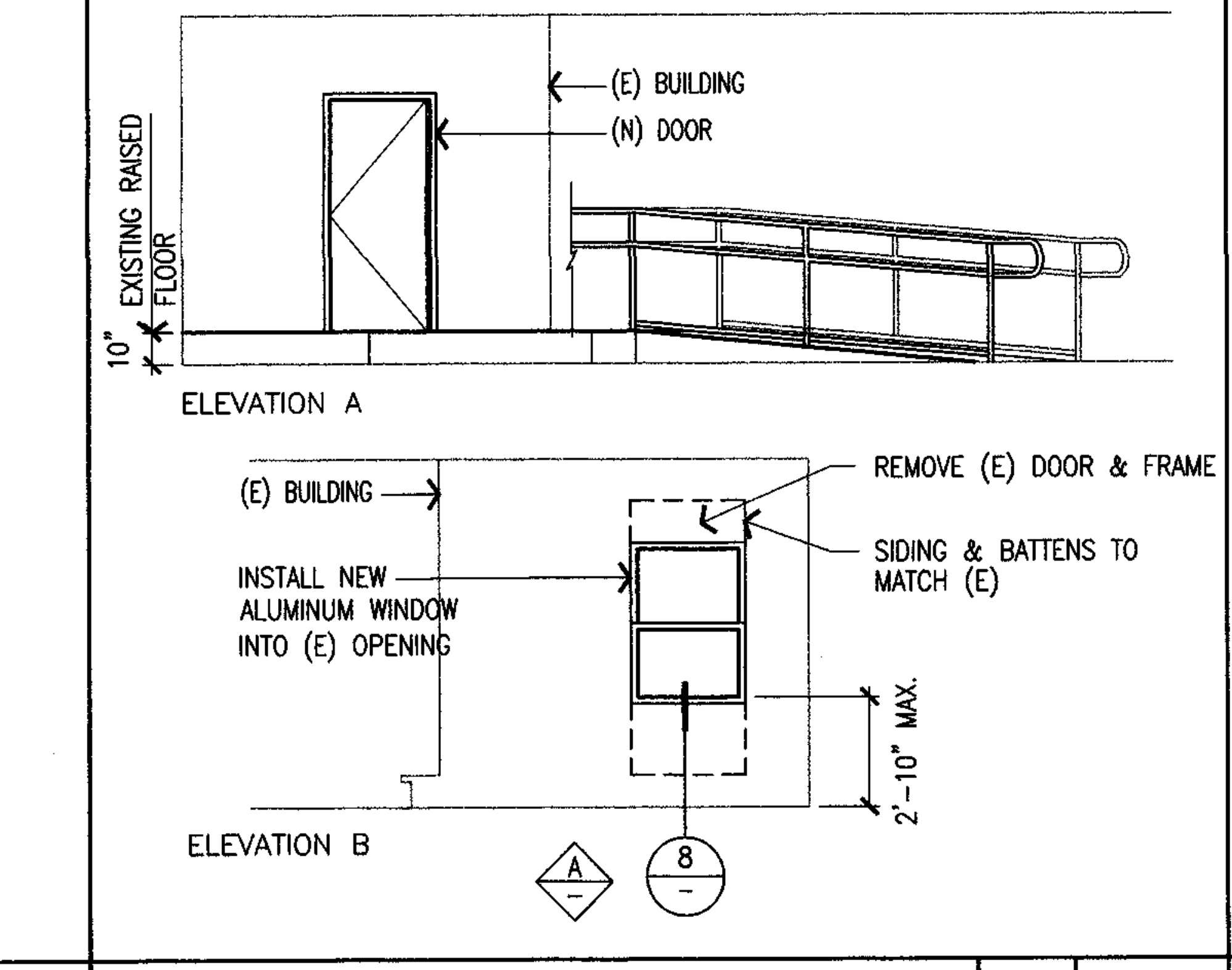
7"
5"
SECTION A-A
PRECAST CONC. W/ 3/4" HOLES FOR ANCHOR RODS.
3'-0"
2"
5"
ELEVATION
FACE OF CURB
9"
2'-0"
WHEEL BUMPER
PAINTED STRIPES
PLAN - TYP. PLACEMENT
ATTACH WHEEL BUMPER TO PAVEMENT W/ EPOXY & (2) NO. 5 ANCHOR RODS 24" LONG, COUNTER SINK INTO CONCRETE
02840-03

WHEEL BUMPER | 3/4" | 3



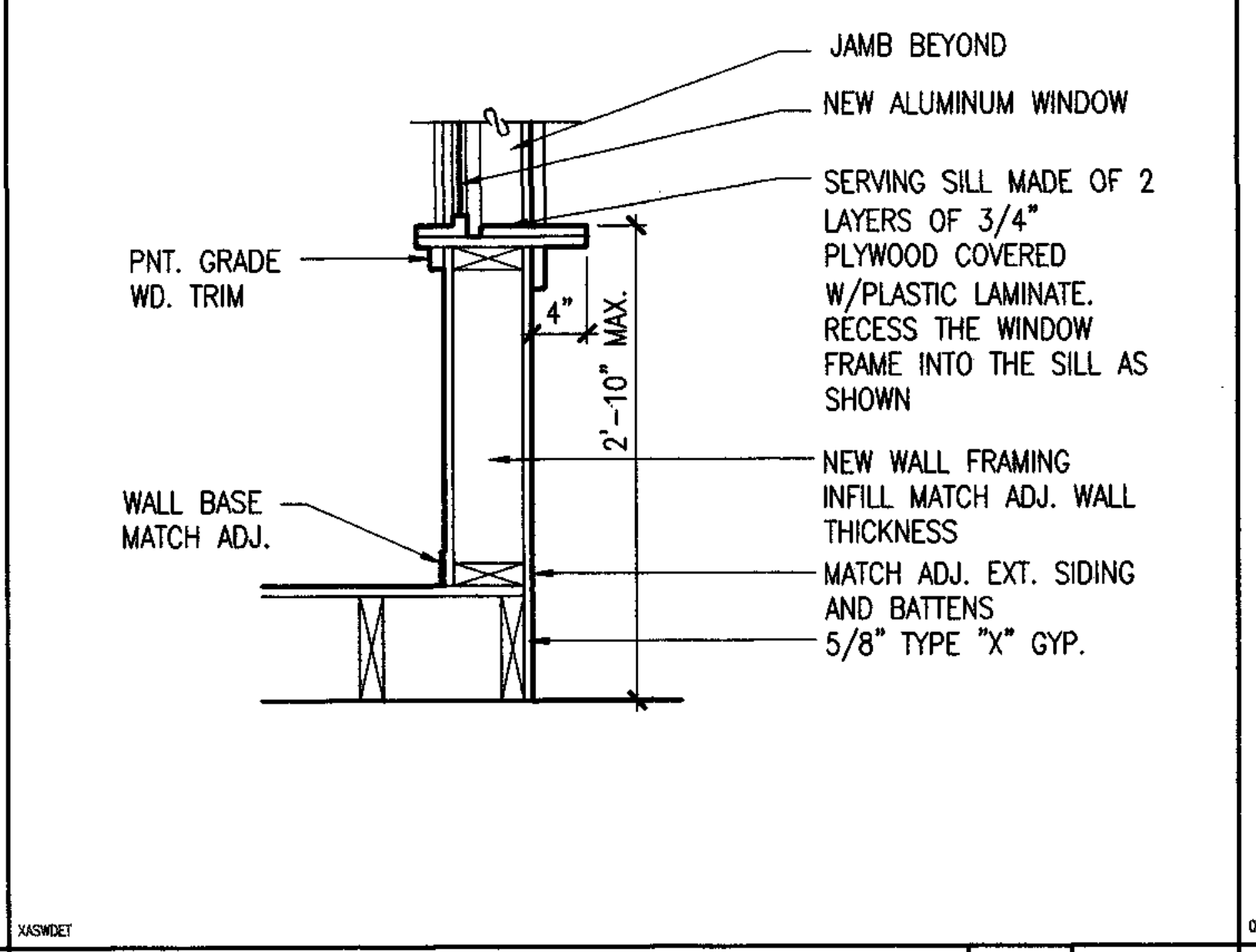
4'-10"
CUT OPENING FOR NEW DOOR
REMOVE DOOR AND FRAME, BUILD (N) SERVING WINDOW
12,15
12A
12B
6'-8"
5'-4"
120°
±4'-9"
(E) CONC. STEP
SLOPE 1:12
LANDING, FLUSH W/ FLOOR OF (E) KITCHEN
RAMP W/ HANDRAILS, SEE DETAILS 15,17,18/-
±10'-0"
4'-8"
44" MIN. VERIFY
(E) COLUMNS
EXISTING HANDRAILS (OTHERS NOT SHOWN FOR CLARITY)

ACCESSIBLE RAMP AT KITCHEN | 1/4 | 16



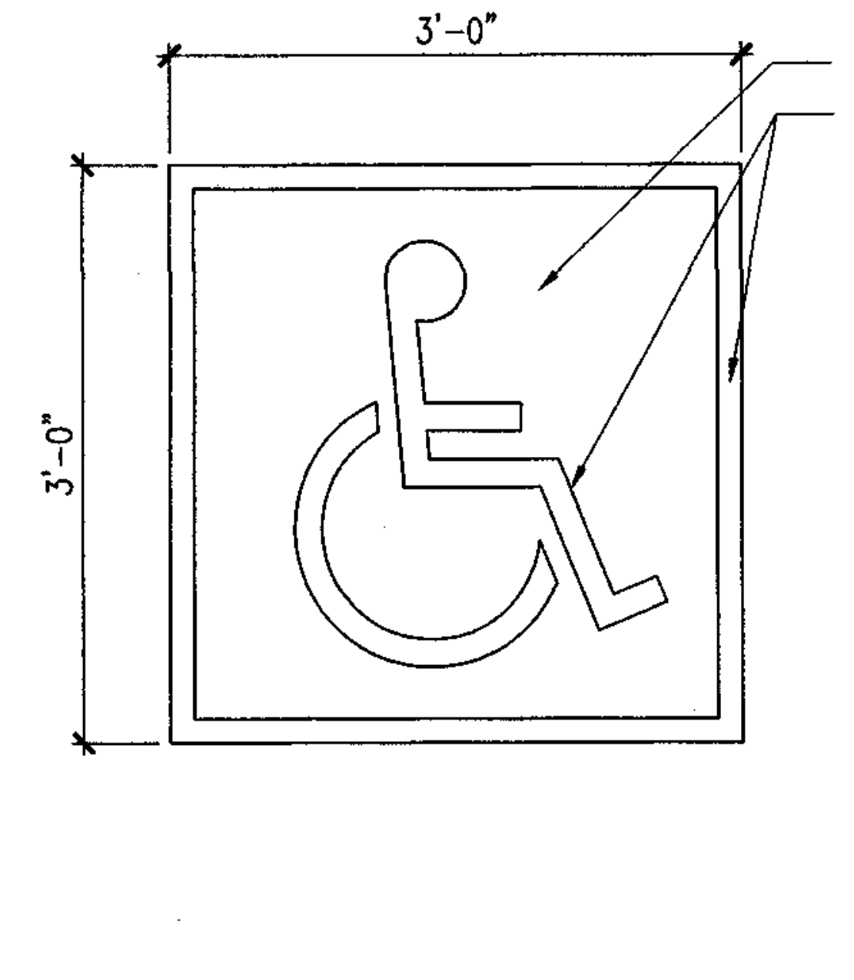
(E) BUILDING
(N) DOOR
10" EXISTING RAISED FLOOR
ELEVATION A
(E) BUILDING
INSTALL NEW ALUMINUM WINDOW INTO (E) OPENING
REMOVE (E) DOOR & FRAME
SIDING & BATTENS TO MATCH (E)
2'-10" MAX.
ELEVATION B

MODIFICATIONS AT KITCHEN | 1/4 | 12



JAMB BEYOND
NEW ALUMINUM WINDOW
SERVING SILL MADE OF 2 LAYERS OF 3/4" PLYWOOD COVERED W/PLASTIC LAMINATE. RECESS THE WINDOW FRAME INTO THE SILL AS SHOWN
PNT. GRADE WD. TRIM
4"
2'-10" MAX.
NEW WALL FRAMING INFILL MATCH ADJ. WALL THICKNESS
MATCH ADJ. EXT. SIDING AND BATTENS
WALL BASE MATCH ADJ.
5/8" TYPE "X" GYP.

NEW ACCESSIBLE SERVING WINDOW | 1"=1' | 8



BLUE TRAFFIC PAINT

WHITE TRAFFIC PAINT

NOTE: SEE DET. 8/- FOR LOCATION IN PARKING STALL

HCP PARKING SURFACE ID., SEE *CAL ACS SECTION 3107A(C)*

NOTE: EMBLEM MUST BE LOCATED IN STALL SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE (CENTERED AT ENTRANCE TO STALL RECOMMENDED)

CALDAG 1996 FIG. 28

PARKING SYMBOL | 1" | 4

VBN

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■ LEE KARNEY	AIA
☐ FRANZ STEINER	AIA
☐ ELIEZER M. NAOR	AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/99 STATE OF CALIFORNIA

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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 101886
AC MM FLS SS MTS
DATE DEC 30 1999

AUTHORITY APPROVAL

SITE
DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

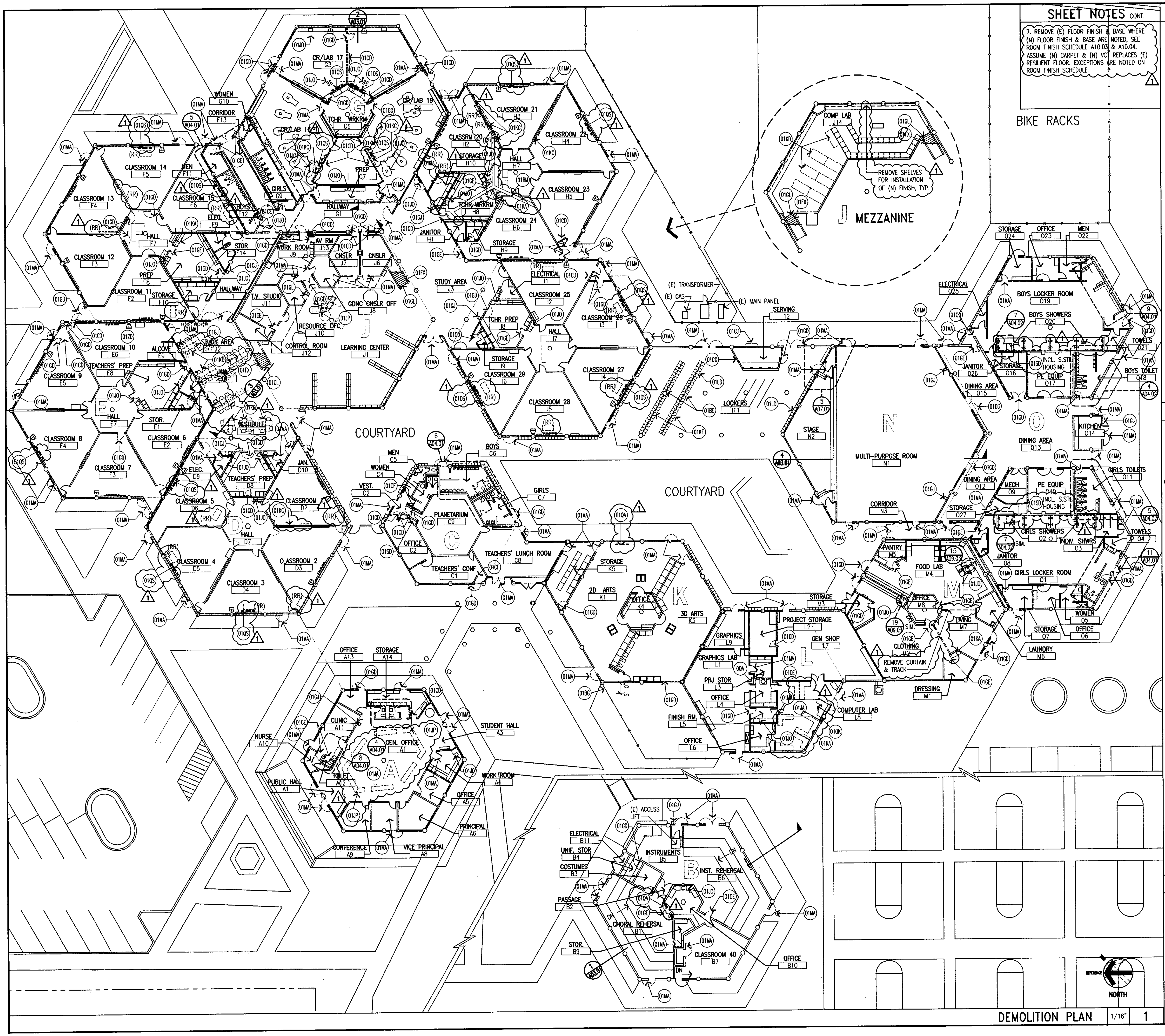
DRAWN BY: CHECKED BY:

A01.02

JOB NO: 99041B OF SHEETS

EST. HOURS
STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

\99041-SanMateo_FosterCity_SD\99041B-Bowditch_Elem\A0102.dwg Mon Nov 15 15:10:56 1999 Michelle



DEMOLITION PLAN 1/16" 1

SHEET NOTES CONT.

7. REMOVE (E) FLOOR FINISH & BASE WHERE (N) FLOOR FINISH & BASE ARE NOTED, SEE ROOM FINISH SCHEDULE A10.03 & A10.04. ASSUME (N) CARPET & (N) VCT REPLACES (E) RESILIENT FLOOR. EXCEPTIONS ARE NOTED ON ROOM FINISH SCHEDULE. 1

SHEET NOTES

1. DEMOLITION PLANS SHOW WORK TO BE REMOVED.
1.1. SEE DETAILS FOR SELECTIVE DEMOLITION OF WINDOWS, DOORS, AND CASEWORK.
2. DEMOLITION PLANS SHOW EXISTING WORK TO BE SALVAGED AND STORED.
2.1. COORDINATE REMOVAL AND DELIVERY TO OWNER OF SALVAGED ITEMS.
2.2. ITEMS TO BE SALVAGED, STORED, AND RE-INSTALLED WILL BE SALVAGED, PACKED, AND STORED IN SUCH MANNER AS TO PREVENT ALL DAMAGE OWING TO DISMOUNTING, DISASSEMBLY, BRACING, PACKING, LIFTING AND TRANSPORT, MOISTURE, TEMPERATURE, AND UNPACKING.
2.3. ALL ITEMS WILL BE INVENTORIED AND MARKED TO INDICATE WHEREFROM AND WHERETO THE ITEM WAS SALVAGED AND IS TO BE RE-INSTALLED.
2.3.1. THE OWNER WILL WITNESS UNPACKING OF STORED ITEMS.
3. DEMOLITION INCLUDES CUTTING BACK EXISTING WORK TO THE EXTENT REQUIRED FOR INSTALLATION OF NEW WORK.
3.1. CONTRACTOR WILL REFER TO ALL ELEMENTS OF THE CONTRACT DOCUMENTS AND COORDINATE DEMOLITION WORK WITH NEW WORK.
3.2. CONTRACTOR WILL COORDINATE DEMOLITION WORK WITH THE OWNER TO MAINTAIN THE FUNCTION OF ADJACENT FACILITIES.
3.3. REMOVE DEMOLITION ITEMS TO THE BASE MATERIALS.
3.3.1. CLEAN SURFACES EXPOSED BY DEMOLITION.
3.4. PERFORM DEMOLITION WITH TOOLS OF A SUITABLE SIZE NOT TO JEOPARDIZE WORK TO REMAIN.
3.5. USE HAND TOOLS TO REMOVE SOILS, PAVING, AND OTHER CONSTRUCTION WITHIN 15-INCHES OF EXISTING BUILDINGS.
4. IF STRUCTURAL ELEMENTS NOT SHOWN TO BE DEMOLISHED INTERFERE WITH THE WORK, NOTIFY THE ARCHITECT FOR WRITTEN ACCEPTANCE TO REMOVE STRUCTURAL ELEMENTS.
5. SHORE AND BRACE EXISTING CONSTRUCTION TO REMAIN WHEREVER NECESSARY FOR CONSTRUCTION OF NEW WORK.
6. CONTRACTOR WILL PROTECT EXISTING REMAINING CONDITIONS FROM DAMAGE.

DEMO NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK
01BE	REMOVE CURB
01BG	REMOVE FENCE
01BM	REMOVE PAD/SLAB 1
01CD	REMOVE WALL & CURB W.O.
01CF	REMOVE PARTITION OR PARTITION SEGMENT
01FX	REMOVE HANDRAILS
01GD	REMOVE DOOR AND FRAME
01GE	REMOVE DOOR, FRAME & WALL SEGMENT
01GJ	REMOVE DRINKING FOUNTAIN
01GL	REMOVE CARPET AT FUTURE CONTRASTING STRIP
01JA	REMOVE CASEWORK
01JO	REMOVE CASEWORK & PLUMBING FIXTURES SEE DETAILS 14, 17, 18, 19 & 20/A09.03
01JP	ALTER CASEWORK FOR ACCESSIBILITY SEE DETAILS 14, 17, 18, 19 & 20/A09.03
01KC	SALVAGE AND STORE CHALKBOARD/MARKERBOARD/TACKBOARD
01KA	SALVAGE AND STORE CASEWORK
01KE	SALVAGE AND STORE LOCKERS
~~01KN~~	~~SALVAGE AND STORE TROPHY CASE~~ 1
01KM	REMOVE SHELVING AND BRACKETS AND STANDARDS
01LD	(E) LOCKERS TO REMAIN
01MA	REMOVE DOOR
01MN	REMOVE GLAZING
~~01MO~~	~~REMOVE GLAZING AND WINDOW FRAME~~ 1
01QA	REMOVE EQUIPMENT
01QK	SALVAGE AND STORE FIRE EXT. CABINET FOR RE-INSTALLATION
01QS	REMOVE PROJECTION SCREEN
01SD	REMOVE & CAP (E) PLUMBING LINES INCL. S.STL.HOUSING
01ZD	REMOVE CARPET

WALL LEGEND

======	(E) WALL OR PARTITION TO BE REMOVED
———	(E) NON-RATED PARTITION
▮▮▮▮▮	(E) 1 HR FIRE-RATED PARTITION
▮▮▮▮▮	(E) 2 HR FIRE-RATED PARTITION

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CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

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DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
APPL NO 01-101826 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

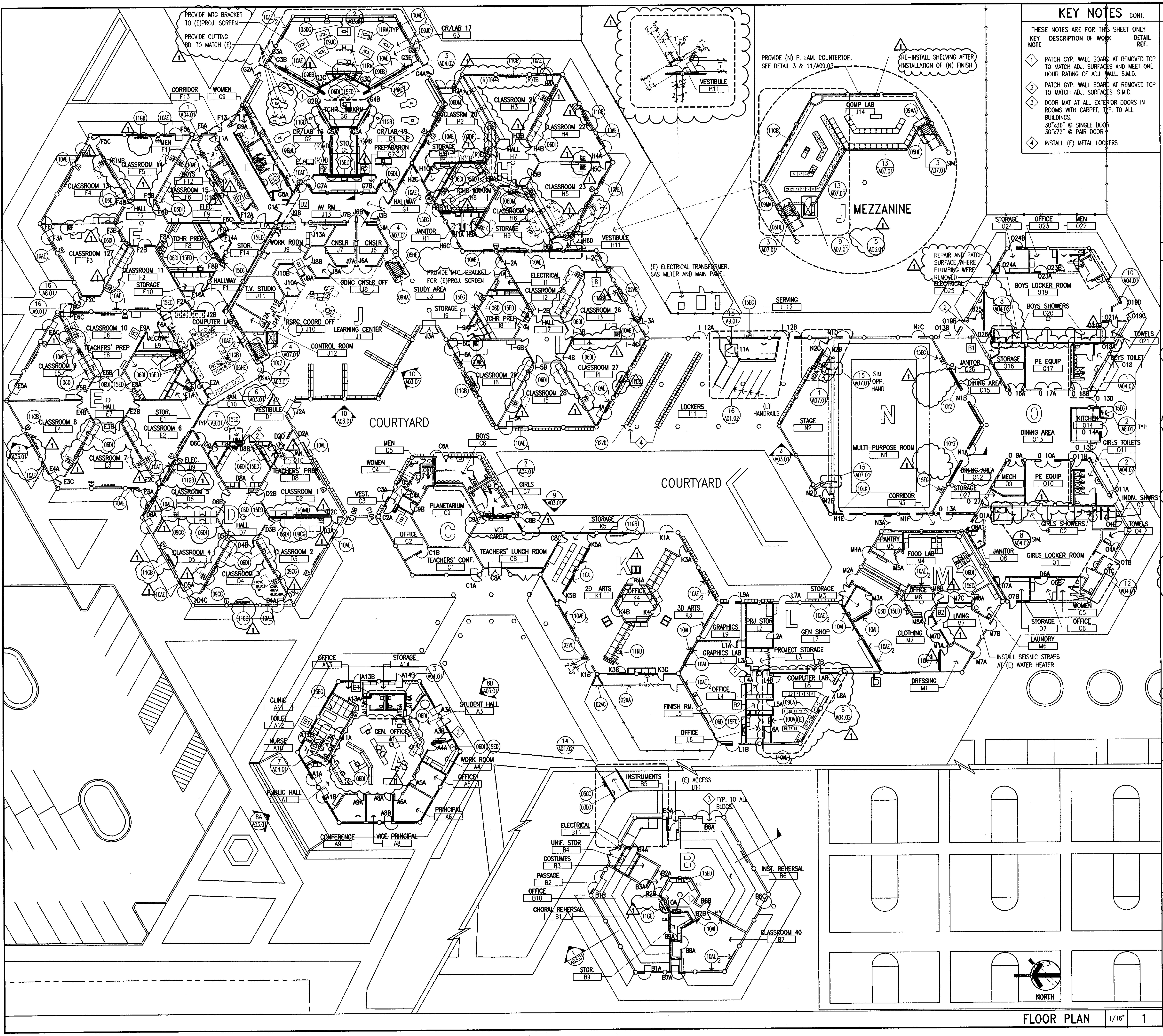
DEMOLITION PLAN

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: DH/TE CHECKED BY: SP

AD02.01

JOB NO: 99041B OF SHEETS



KEY NOTES CONT.

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
1	PATCH GYP. WALL BOARD AT REMOVED TCP TO MATCH ADJ. SURFACES AND MEET ONE HOUR RATING OF ADJ. WALL. S.M.D.	
2	PATCH GYP. WALL BOARD AT REMOVED TCP TO MATCH ADJ. SURFACES. S.M.D.	
3	DOOR MAT AT ALL EXTERIOR DOORS IN ROOMS WITH CARPET, TYP. TO ALL BUILDINGS. 30"x36" @ SINGLE DOOR 30"x72" @ PAIR DOOR	
4	INSTALL (E) METAL LOCKERS	

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. PLANS SHOW OVERALL DIMENSIONS, SLAB DEPRESSIONS AND CURBS, TYPICAL CEILING HEIGHTS, EXTERIOR AND SECTION REFERENCES, PARTITION TYPE AND LOCATION, RATED SEPARATIONS, WINDOW, LOUVER, AND DOOR SCHEDULE REFERENCES.
2. WHERE DOOR IS NOT LOCATED IN DIMENSION OR DETAIL FROM AN INTERVENING WALL, DIMENSION WILL BE 4 INCHES FROM FACE OF STUD TO FINISH DOOR OPENING.
3. CONTRACTOR WILL VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT IF ANY TO INSURE PROPER FIT AND COORDINATE SAME WITH THE WORK.
4. WALLS AND SOFFITS CONCEALED BY EQUIPMENT WILL BE FINISHED WITH MATERIAL SIMILAR TO ADJACENT WALL OR SOFFIT.
5. ADDITIONAL WORK NOT NECESSARILY DEPICTED ON THIS SHEET MAY BE DESCRIBED WITHIN OTHER ARCH., MECH., PLUMBING OR ELECTRICAL DRAWINGS. THE GENERAL CONTRACTOR IS REQUIRED TO BE FAMILIAR WITH AND INCLUDE THOSE WORKS HERE AR NECESSARY, EVEN IF NOT EXPLAINED ON THIS DRAWING. S.E.D. S.M.D. S.P.D. S.S.D. AND ALL ARCH. & DEMO DWGS.
6. SEE STRUCTURAL DWGS. S2.1 & S4.1 FOR (N) IN POD N.

KEY NOTES

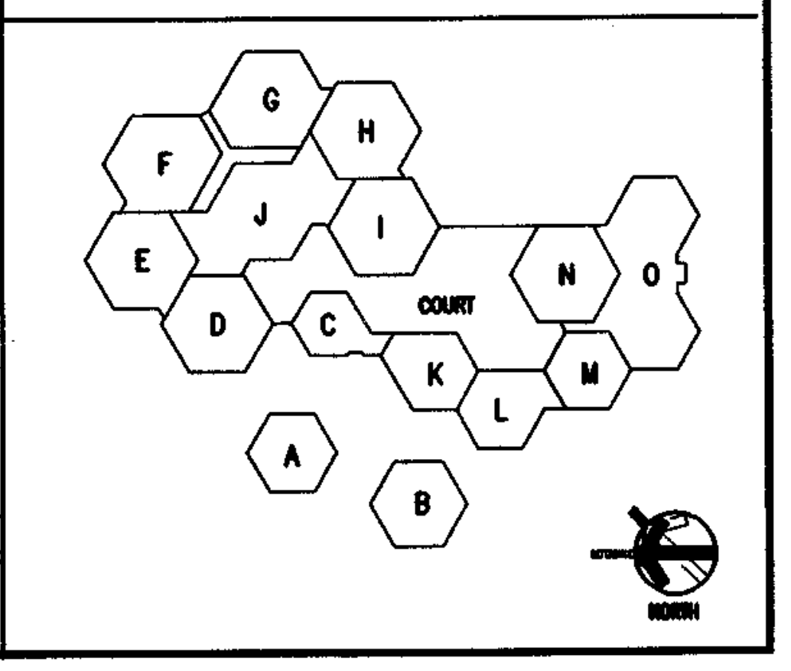
THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
02VC	PORTLAND CEMENT CONCRETE PAVING 02751	
02VD	PORTLAND CEMENT CONCRETE CURBS 02751	
02XA	CHAINLINK FENCES AND GATES 02831	
03DD	MEDIUM BROOM FINISH CONCRETE 03300 ~~SEE DETAILS 14 & 15/A01.02~~	
03DF	CONCRETE REPAIR, SEE DET. 7/S5.1 △1	
03DG	CEMENTITIOUS UNDERLAYMENT 03347	
05GC	STEEL HANDRAILS 05500	
05HE	HANDRAILINGS 05510	
~~06DA~~	~~WOOD STUDS 06100~~ △1	
06DI	PLASTIC LAMINATE COUNTERTOPS 06410 SEE DET. 2/A9.03 (FREESTANDING) SEE DET. 5/A9.04 (WALL MOUNTED) SEE DETAILS 14, 17, 18, 19 & 20/A09.03 △1	
06DL	STAINLESS STEEL COUNTERTOPS 06410	
06DM	EPOXY RESIN COUNTERTOPS WITH INTEGRAL BACKSPLASH 06410	
~~08VA~~	~~GLASS AND GLAZING 08800~~ △1	
09CA	GYPSUM BOARD 09260	
09CG	VINYL COVERED TACKBOARD 09260 △1	
09EB	DIVIDER STRIPS 09410	
09JC	SHEET VINYL FLOORING 09650	
~~09PJ~~	~~WALL FINISH RESTORATION 09790~~ △1	
09MA	CARPET GLUE DOWN 09680	
10AE 1	TYPE 1: 4 FT. x 4 FT. MARKERBOARD △1	
10AE 2	TYPE 2: 8 FT. x 4 FT. MARKERBOARD	
10AI	TYPE 1: 8 FT. x 4 FT. TACKBOARD	
10LK	ROOM CAPACITY SIGN 10441	
10LZ	WHEELCHAIR LIFT SIGN SEE DET. 17/T01.03	
10NA	METAL LOCKERS 10500	
~~10NG~~	~~REINSTALL EXISTING TROPHY CASE~~ △1	
10OA	FIRE EXTINGUISHER CABINETS 10990	
10YZ	SIGNAGE SEE DETAIL 18/T01.03	
11GB	PROJECTION SCREENS 11130	
11RB	FUME HOOD 11600 △1	
11RM	EPOXY TOP LABORATORY TABLE 11600	
15ED	STAINLESS STEEL SINK DIV 15	
15EG	DRINKING FOUNTAIN DIV 15	

LEGEND

▨	(E) NON-RATED PARTITION
■	(N) NON-RATED PARTITION
▥	(E) 1 HOUR FIRE-RATED PARTITION SEE DET 18/A9.02
▥	(N) 1 HOUR FIRE-RATED PARTITION
▥	(E) 2 HOUR FIRE-RATED PARTITION SEE DET 19/A9.02
X	DETAILED DESCRIPTIONS APPEAR ON DWG. A09.01
(R)	RE-INSTALL AND/OR RELOCATED ITEM/S THAT WAS REMOVED DURING DEMOLITION AS SHOWN

KEY PLAN



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DIV OF THE STATE ARCHITECT
APPL NO. 01-101831 AC ___ F/LS ___ SS ___ DATE 11/17/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01
AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

ALTERATION FLOOR PLAN

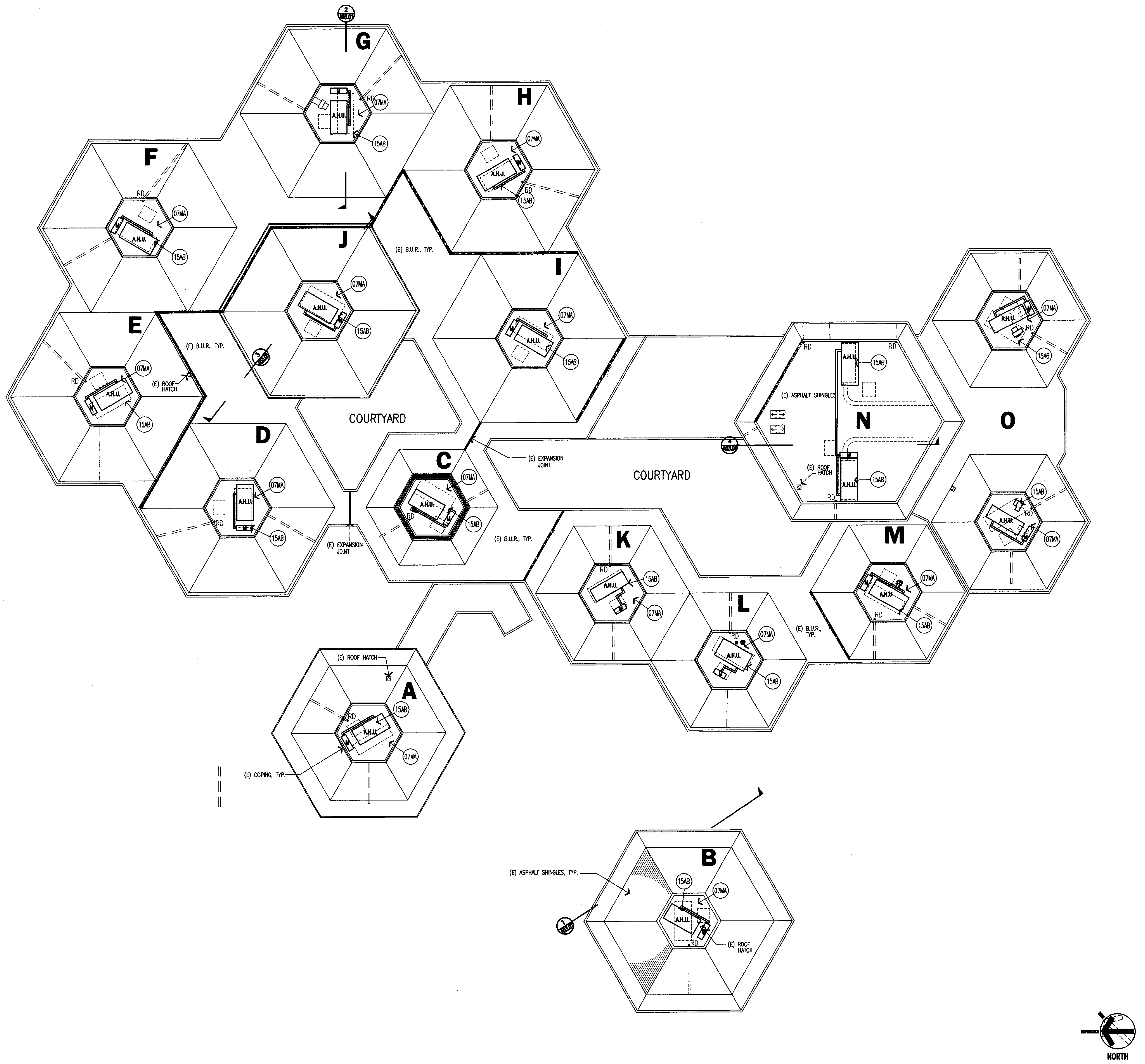
DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: DH/TE CHECKED BY: SP

A02.01

JOB NO: 99041B OF SHEETS

STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% EST. HOURS



ROOF PLAN 1/20 1

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. CONTRACTOR WILL TAKE ALL PRECAUTIONS TO INSURE THAT (E) ROOFING WILL BE PROTECTED AGAINST ANY DAMAGE. CONTRACTOR SHALL BE REPLACED, AT NO ADDITIONAL COST TO OWNER, ANY DAMAGED ROOFING ELEMENTS NOT DIRECTLY REQUIRING ALTERATION AS A RESULT OF THE MECHANICAL SCOPE OF WORK.

2. CONTRACTOR WILL VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT IF ANY TO INSURE PROPER FIT AND COORDINATE SAME WITH THE WORK.

3. WALLS AND SOFFITS CONCEALED BY EQUIPMENT WILL BE FINISHED WITH MATERIALS SIMILAR TO ADJACENT WALL OR SOFFIT.

4. CONTRACTOR SHALL MATCH ALL EXISTING ROOF SLOPES AND PROVIDE ALL NECESSARY MATERIALS AND APPURTENANCES TO PROVIDE SLOPE POSITIVE DRAINAGE TO EXISTING DRAINS.

KEY NOTES

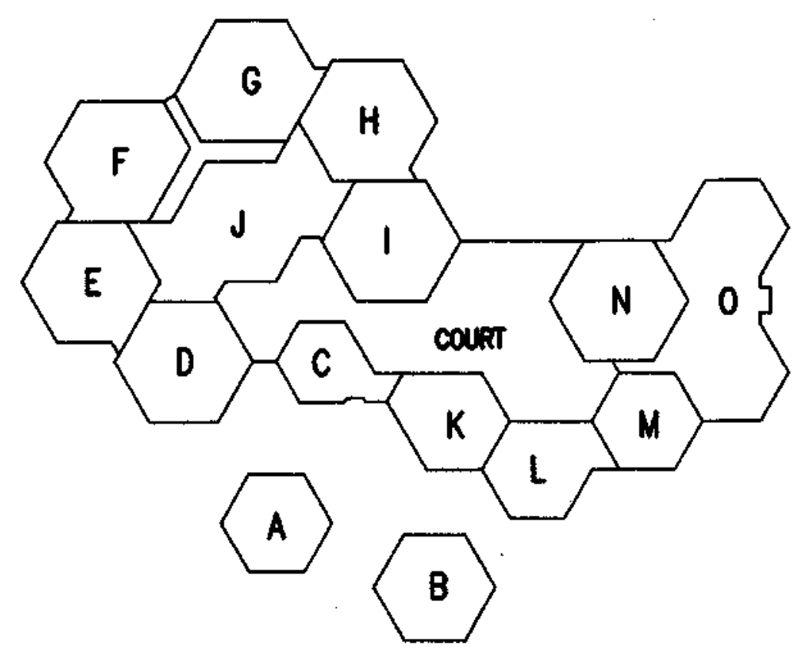
THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
(07MA)	BUILT-UP ASPHALT ROOFING 07514 SEE NOTE 4 ABOVE	4,8,11,12/A08.01
(15AB)	MECHANICAL EQUIPMENT, S.M.D.	

SYMBOLS

1/4"/FT →	SLOPE DOWN DIRECTION OF ROOF
→	SLOPE DOWN DIRECTION OF CRICKET
↔	CONCAVE CURVED DIRECTION OF ROOF
┆ ┆	(E) MECHANICAL AIR HANDLING UNIT TO BE REMOVED, S.M.D.
A.H.U.	MECHANICAL AIR HANDLING UNIT (S.M.D.) WITH CRICKET ON HIGH ROOF SIDE SEE CURB DETAIL 12/A08.01
● RD	(E) ROOF DRAIN
○ OFD	(E) OVERFLOW DRAIN
● VTR	(E) VENT THRU ROOF
☐	(E) MET. SPLASH PAN OR CONC. SPLASH BLOCK
⊡	(E) SHT. MET. CONDUCTOR HEAD
OFS	(E) OVERFLOW SCUPPER AT PARAPET
⊳	(E) ROOF HATCH
◇	(E) SMOKE VENT
┆ ┆	3 FT. WIDE ROOF WALKWAY U.O.N.
+6"	TOP OF ROOF INSULATION EL.
+6" T.O.P	TOP OF PARAPET EL.
V	(E) ATTIC VENTILATOR
Ⓜ M	MECHANICAL EQUIPMENT, S.M.D.
Ⓟ P	PLUMBING EQUIPMENT, S.P.D.
▬	2HOUR FIREWALL

KEY PLAN



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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 101836
AC UMP FLS SS MTS
DATE DEC. 3 0 1999

AUTHORITY APPROVAL

ROOF PLAN

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: TFE CHECKED BY: SP

A02.11

JOB NO: 99041B OF SHEETS

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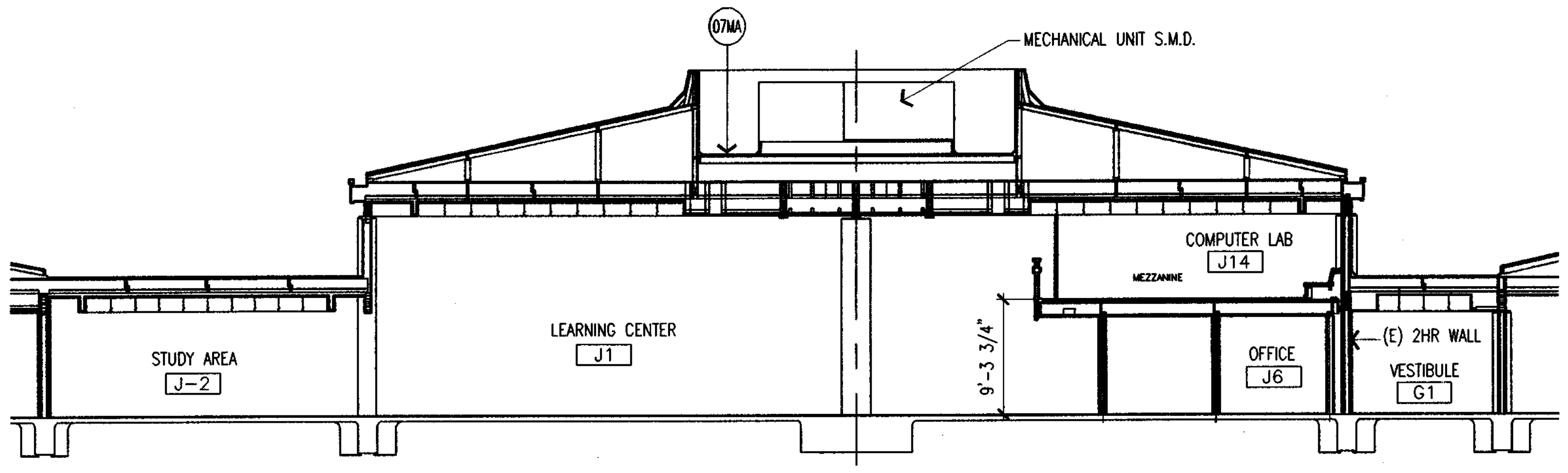
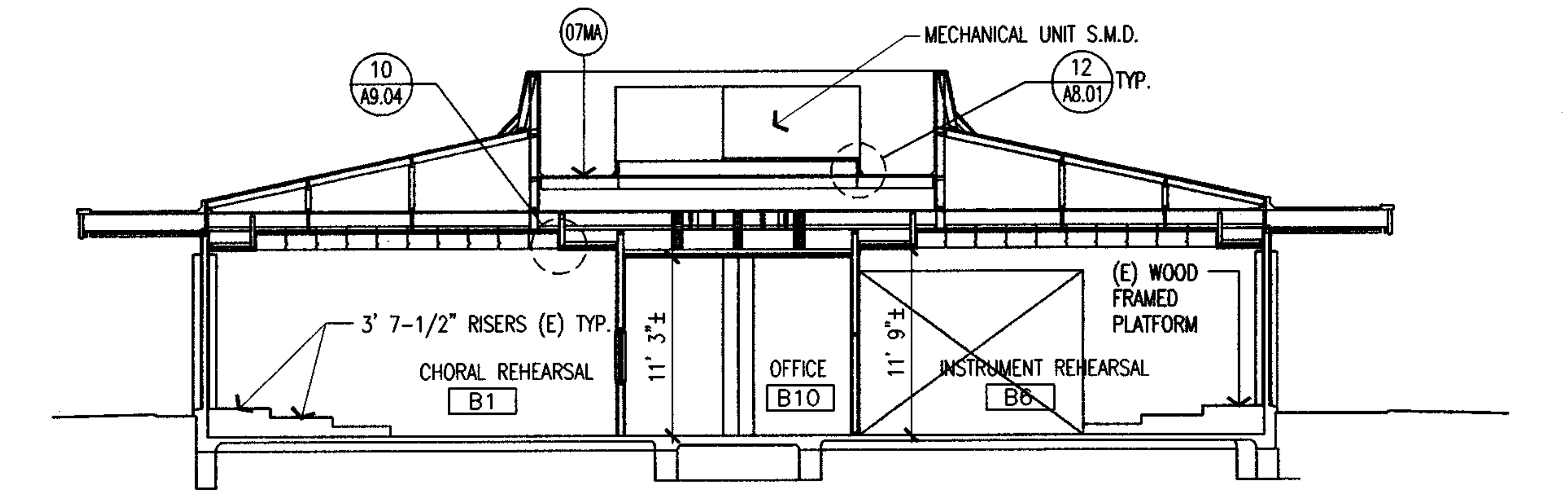


SECTION POD J 1/8" 7



SECTION POD B 1/8" 1

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. RATED WALL/CEILING RESTORATION AT DUCT RELOCATION TO MATCH ADJACENT SURFACES. S.M.D.

2. PAINT ALL EXTERIOR DOORS, DOOR FRAMES AND WINDOW FRAMES INSIDE AND OUT, TYPICAL TO ALL BUILDINGS. WHERE WORK DISTURBS (E) SIDING, REPAINT ENTIRE SIDING FROM COLUMN TO COLUMN.

KEY NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
09FJ	ADHESIVE APPLIED ACOUSTICAL TILE 09512	
07MA	BUILDT-UP ASPHALT ROOFING 07514	
09FR	CEILING ASSEMBLY RESTORATION 09260	

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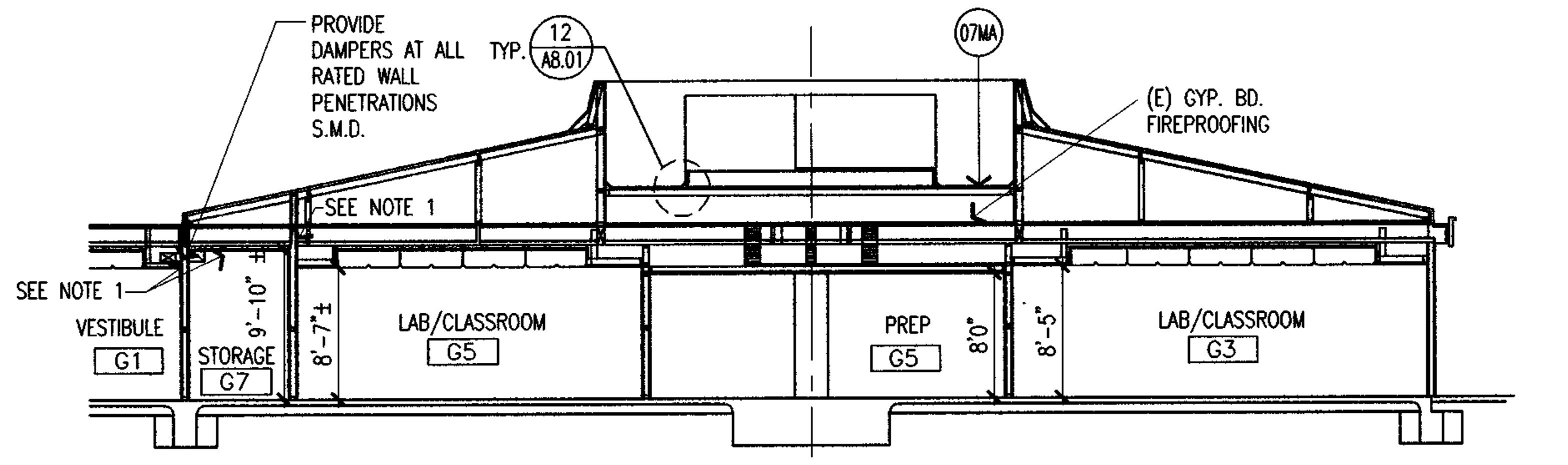
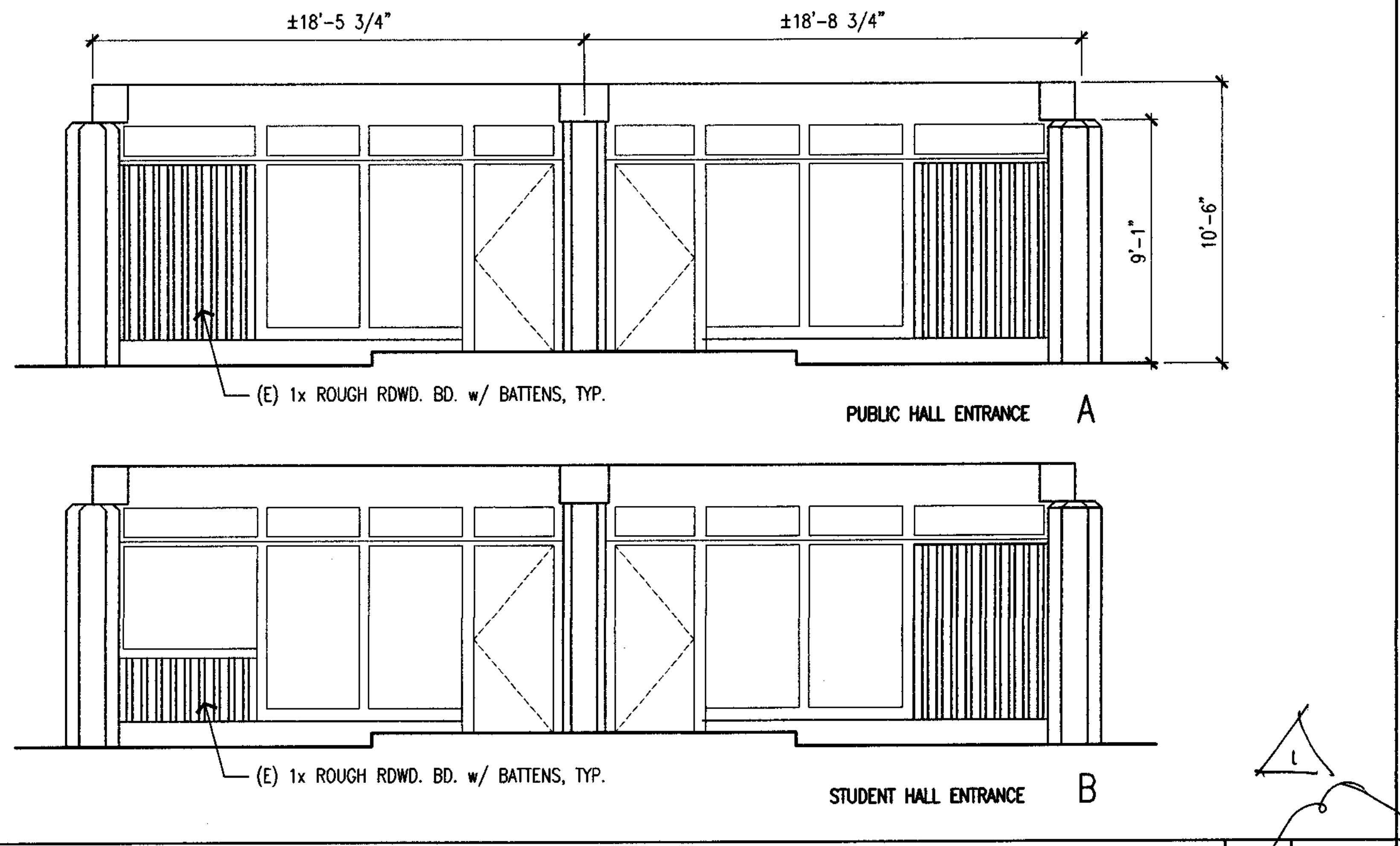
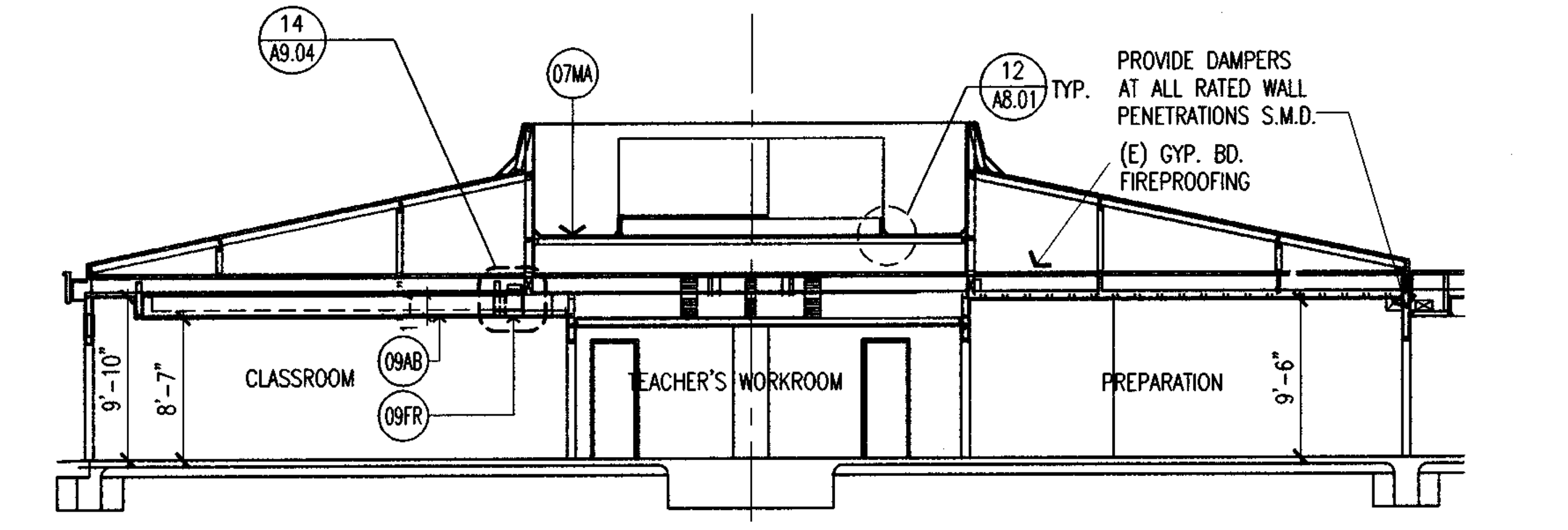


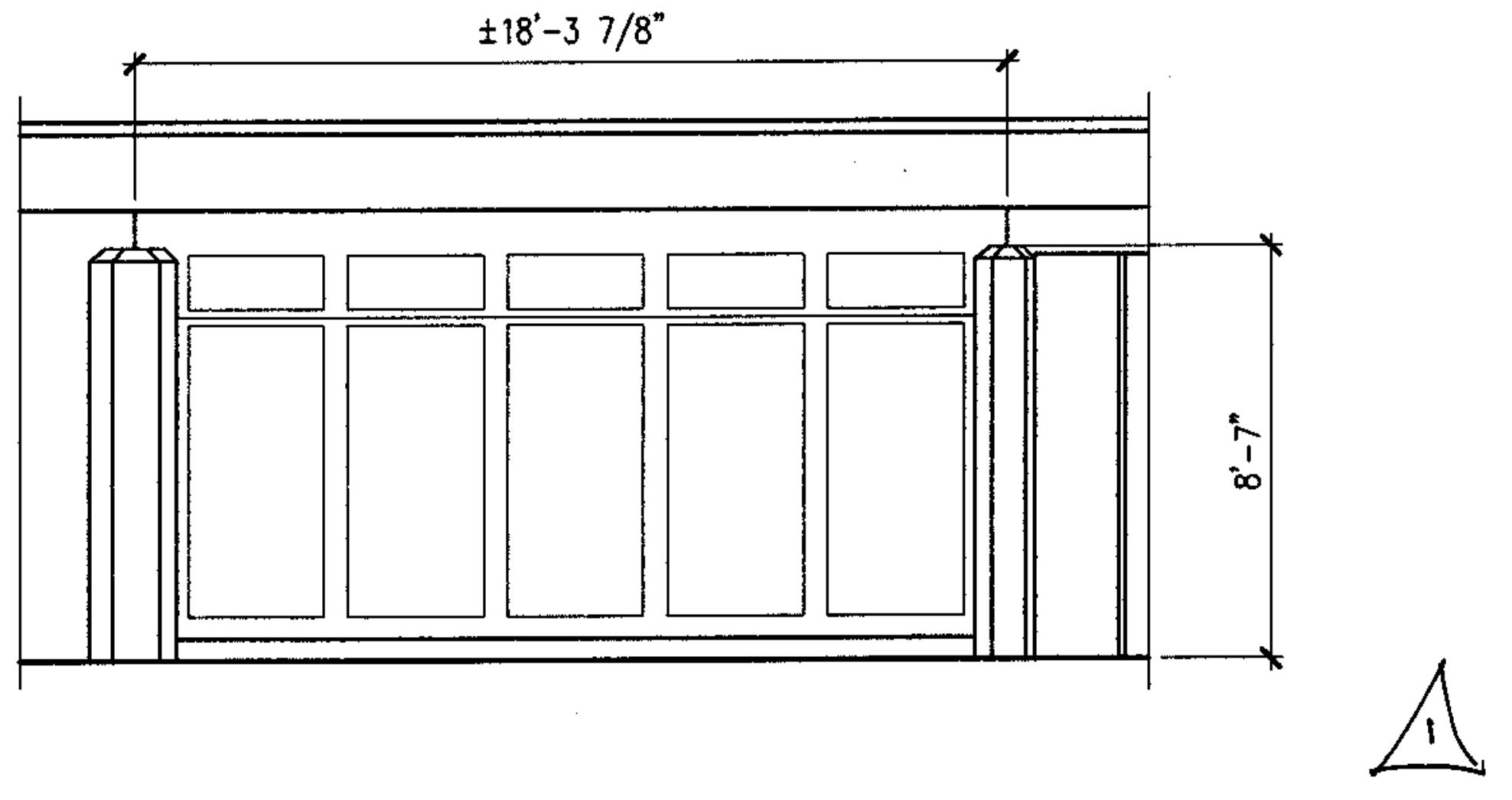
SECTION POD G 1/8" 2



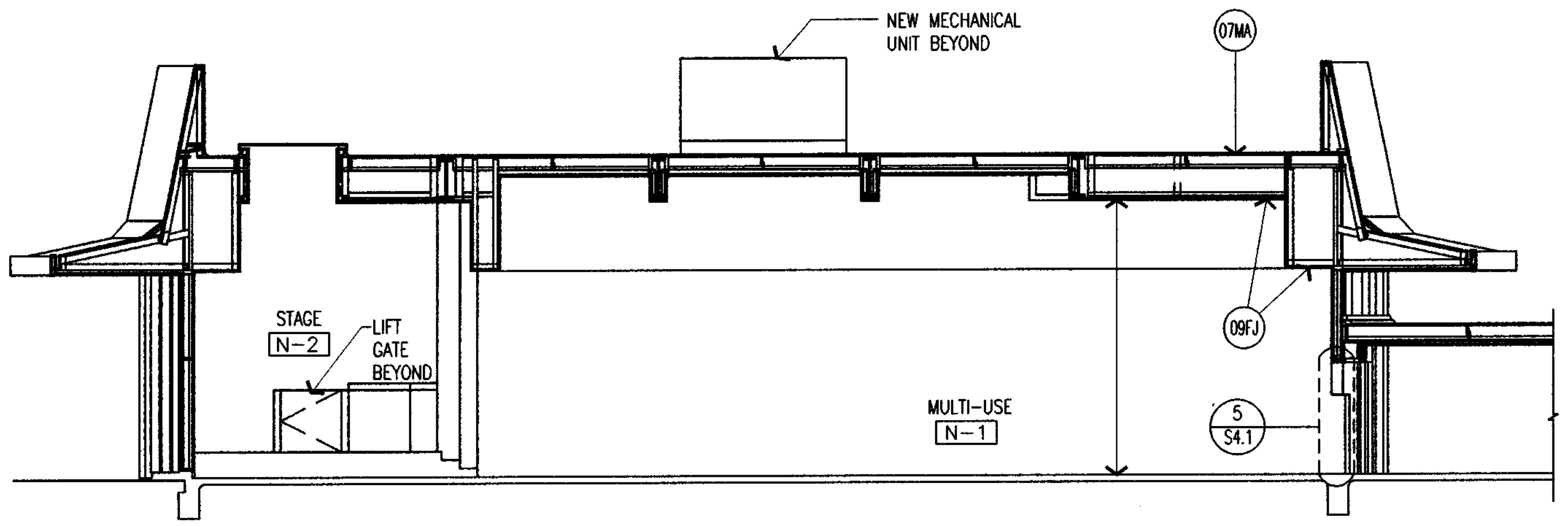
POD A – EXTERIOR ELEVATIONS 1/4" 8



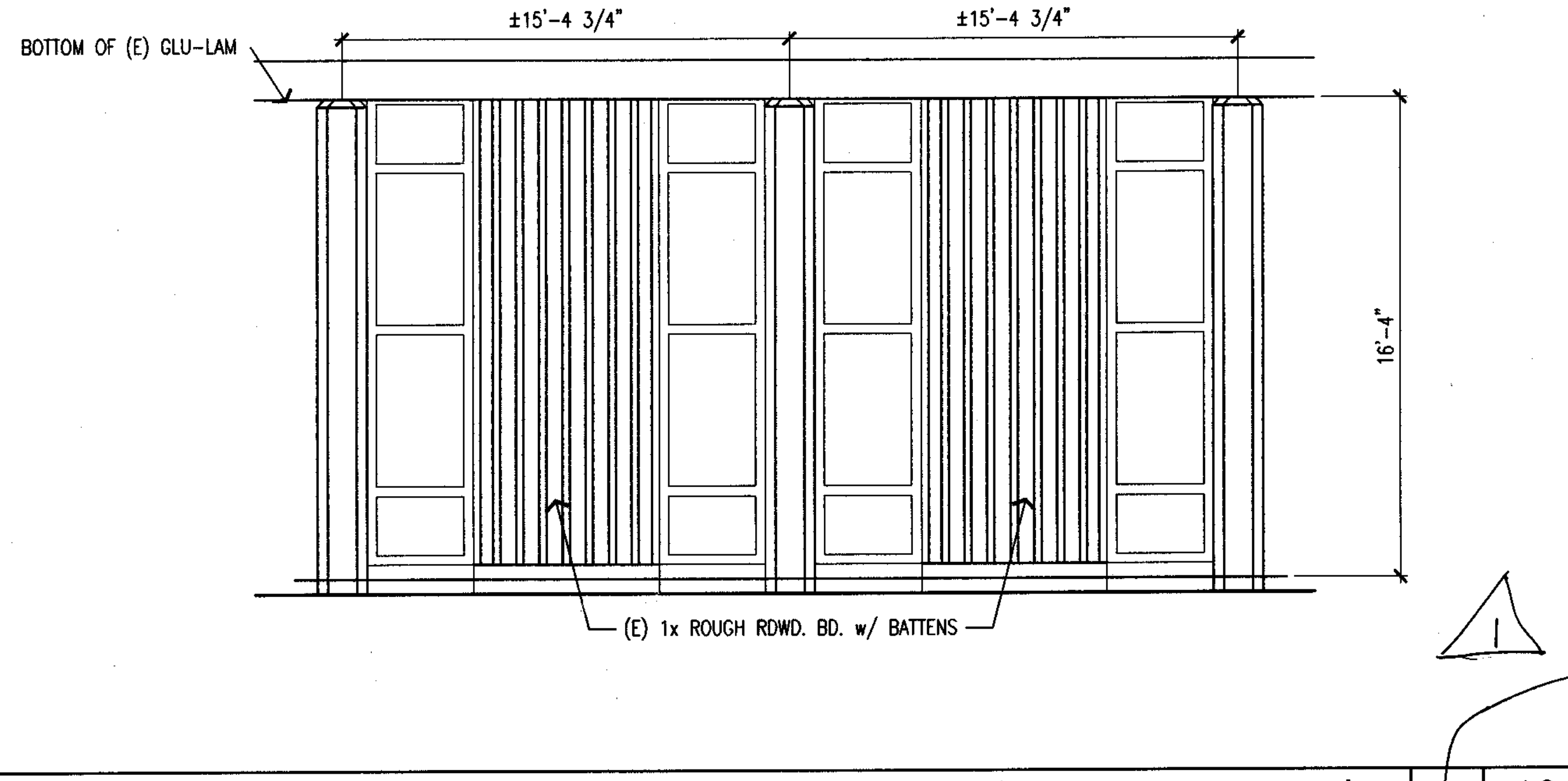
TYPICAL SECTION POD D, E, F, H & I 1/8" 3



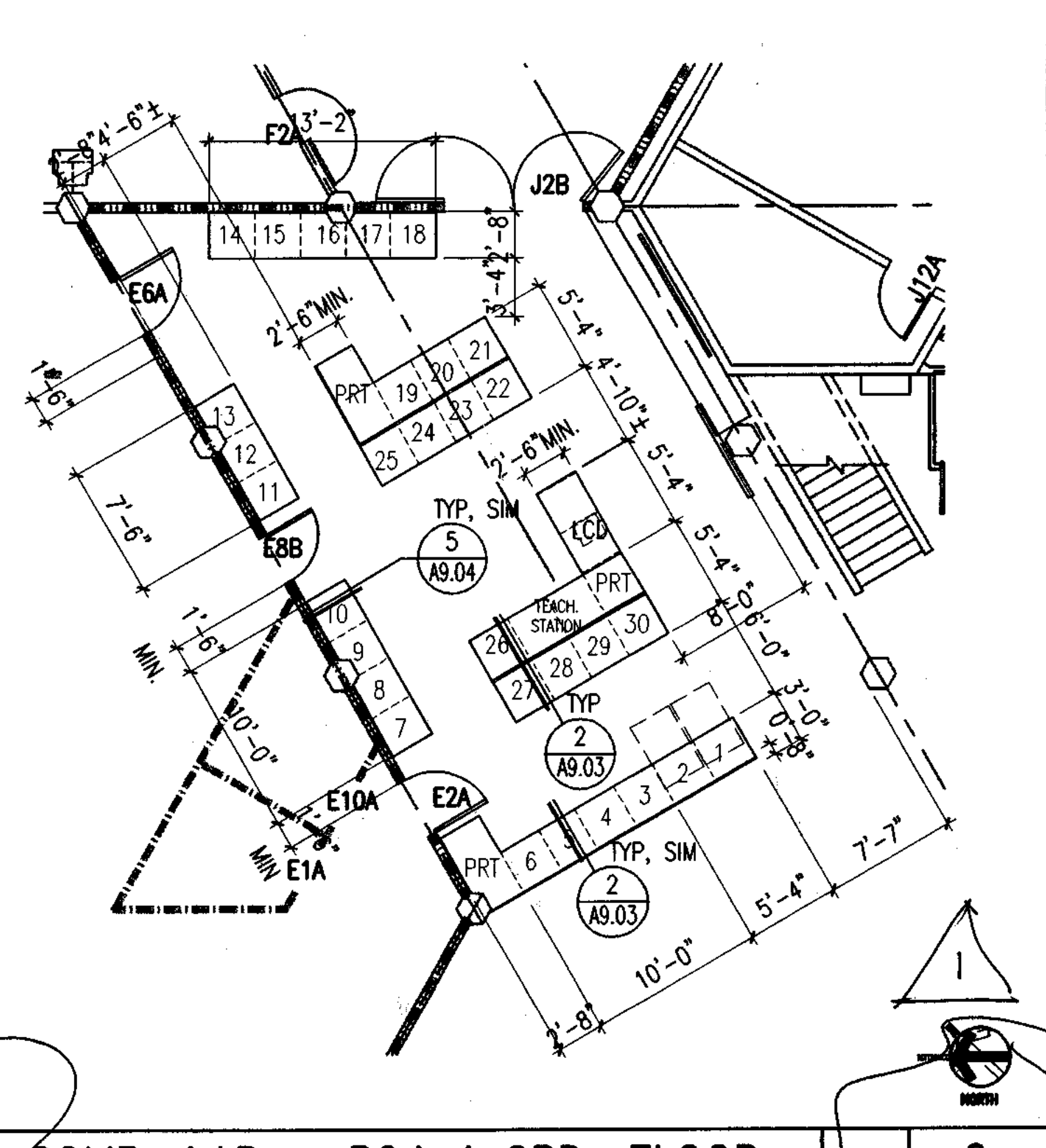
POD C – EXTERIOR ELEVATION 1/4" 9



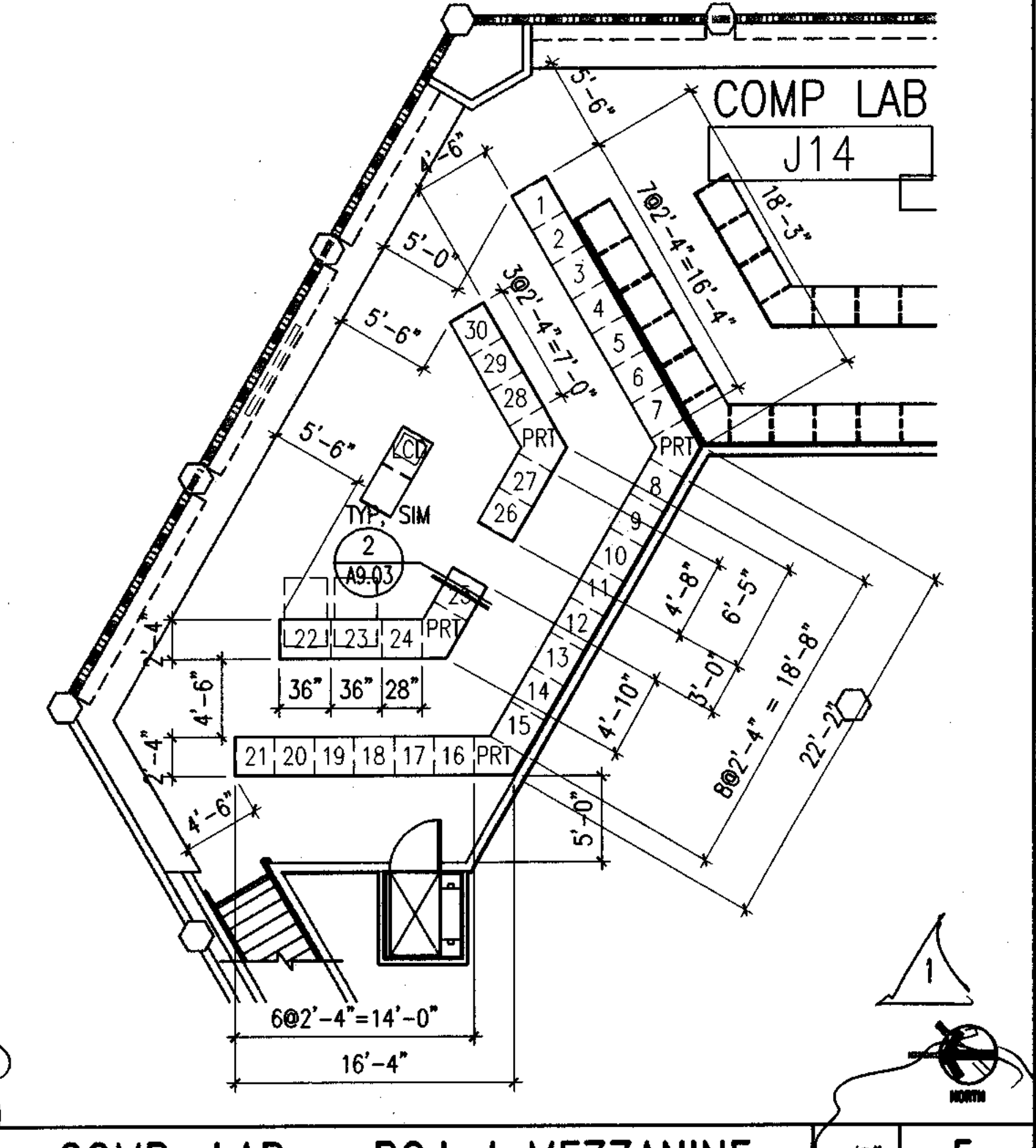
SECTION POD N 1/8" 4



POD J – EXTERIOR ELEVATIONS (TYPICAL WALL BAY) 1/4" 10

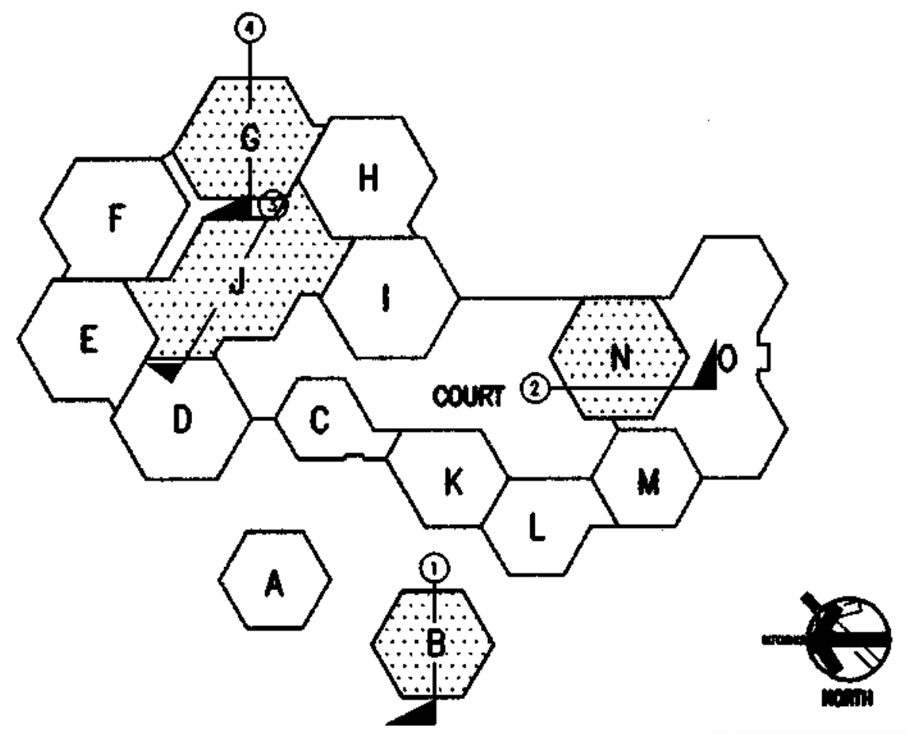


COMP. LAB – POJ J GRD. FLOOR 1/8" 6



COMP. LAB – POJ J MEZZANINE 1/8" 5

KEY PLAN



CONSULTANT'S STAMP

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS
APPL# 01-101836 DATE 11/17/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

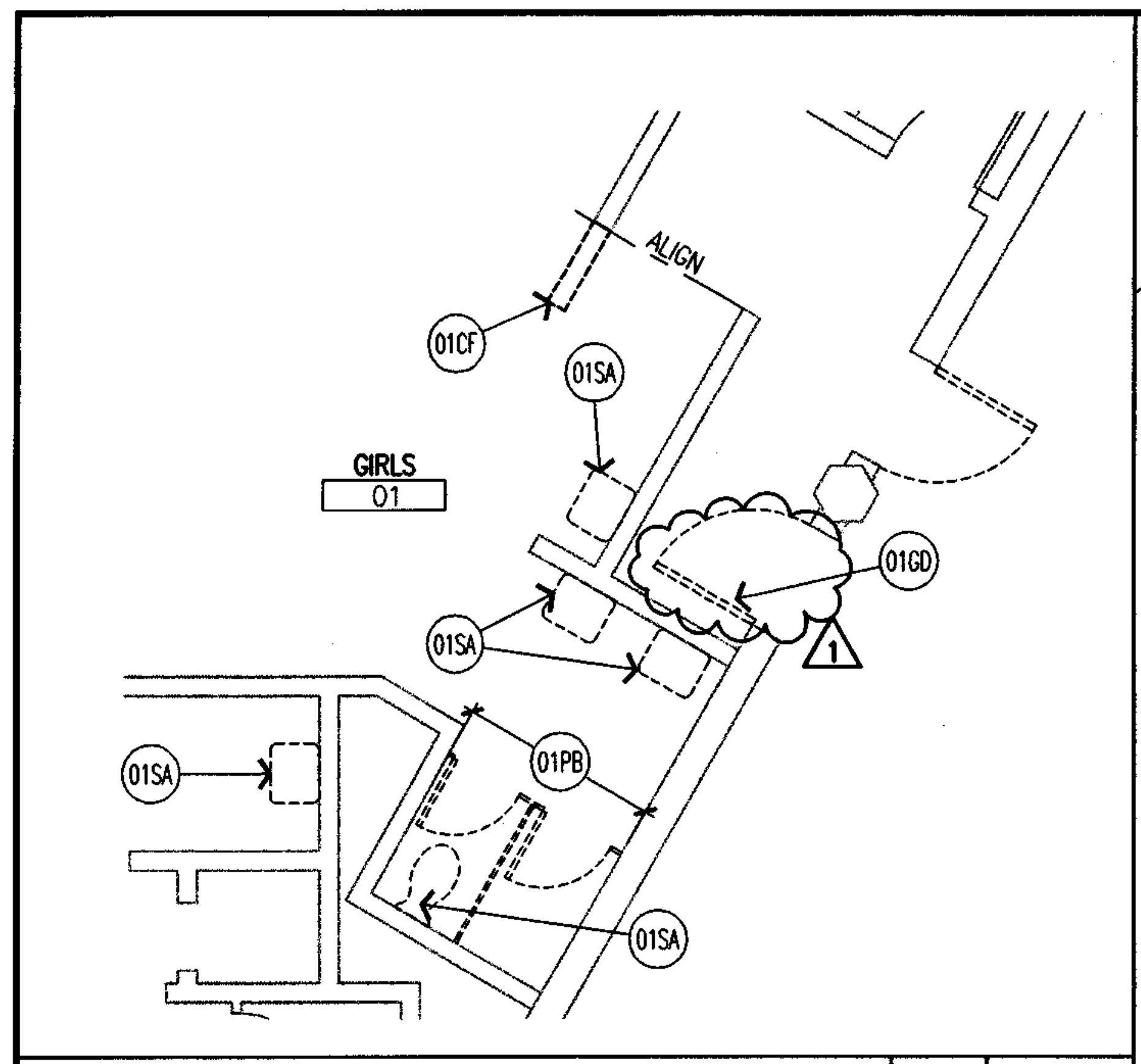
BUILDING SECTIONS & ELEVATIONS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

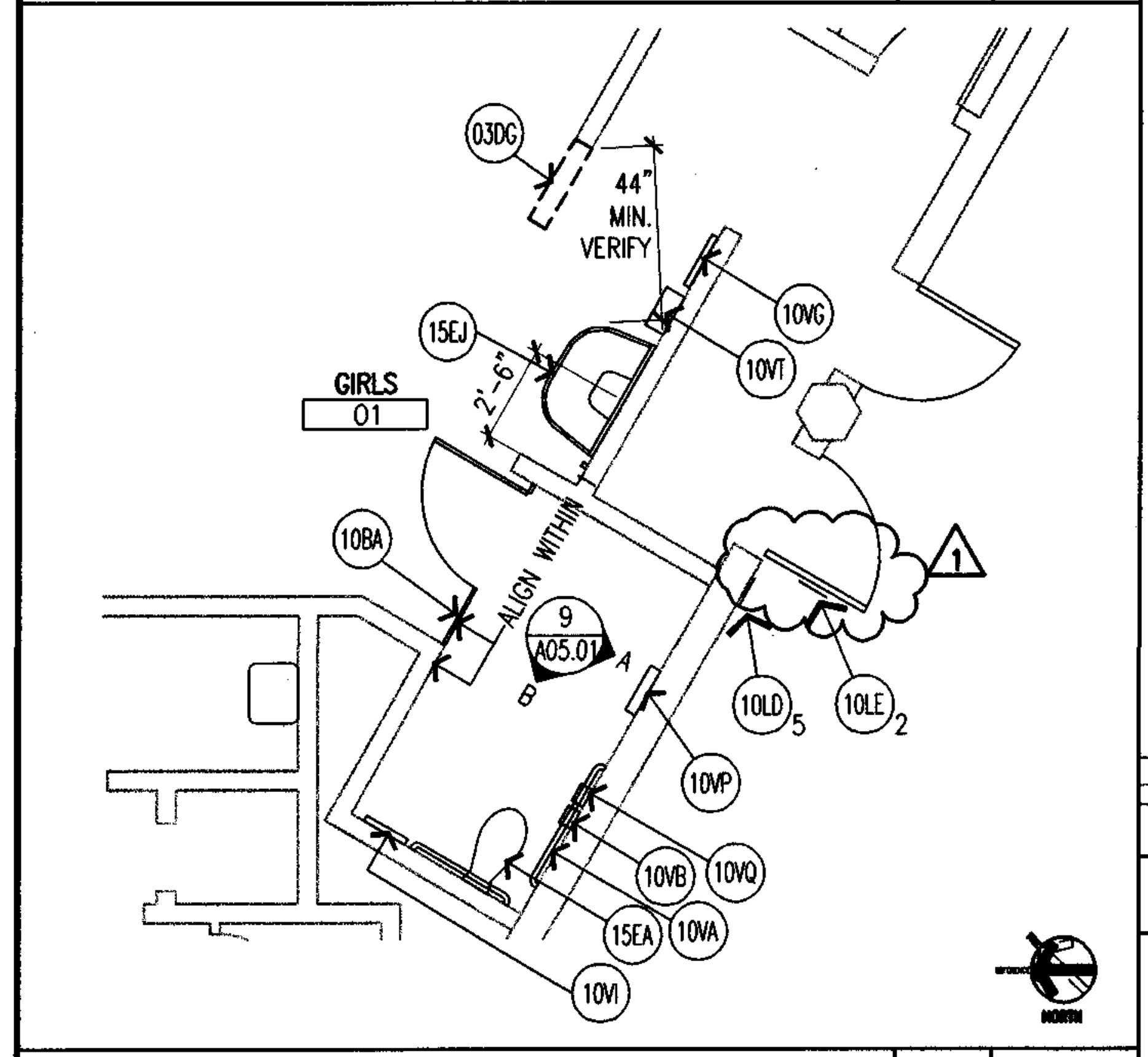
DRAWN BY: CHECKED BY:

A03.01

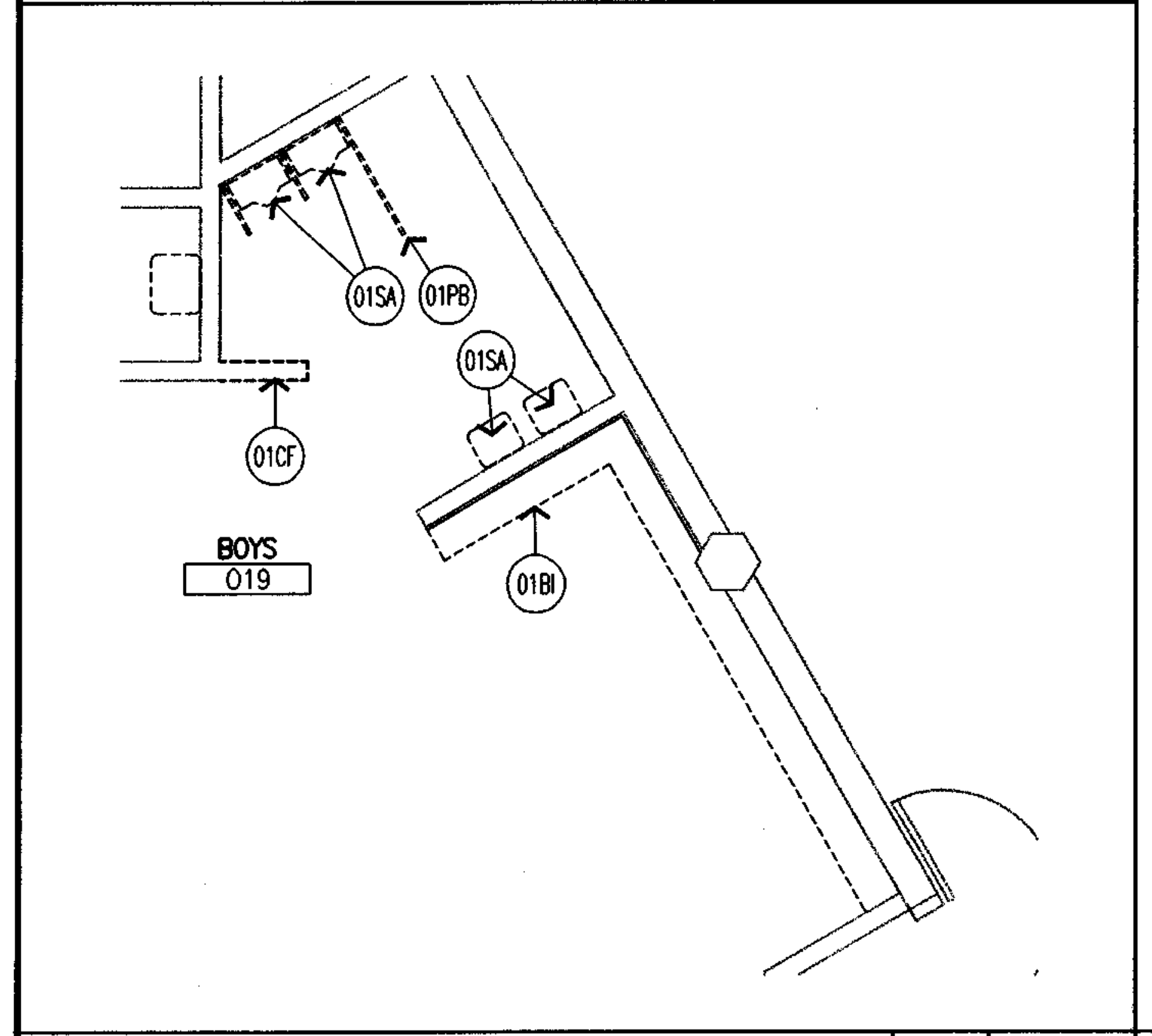
JOB NO: 99041B OF SHEETS



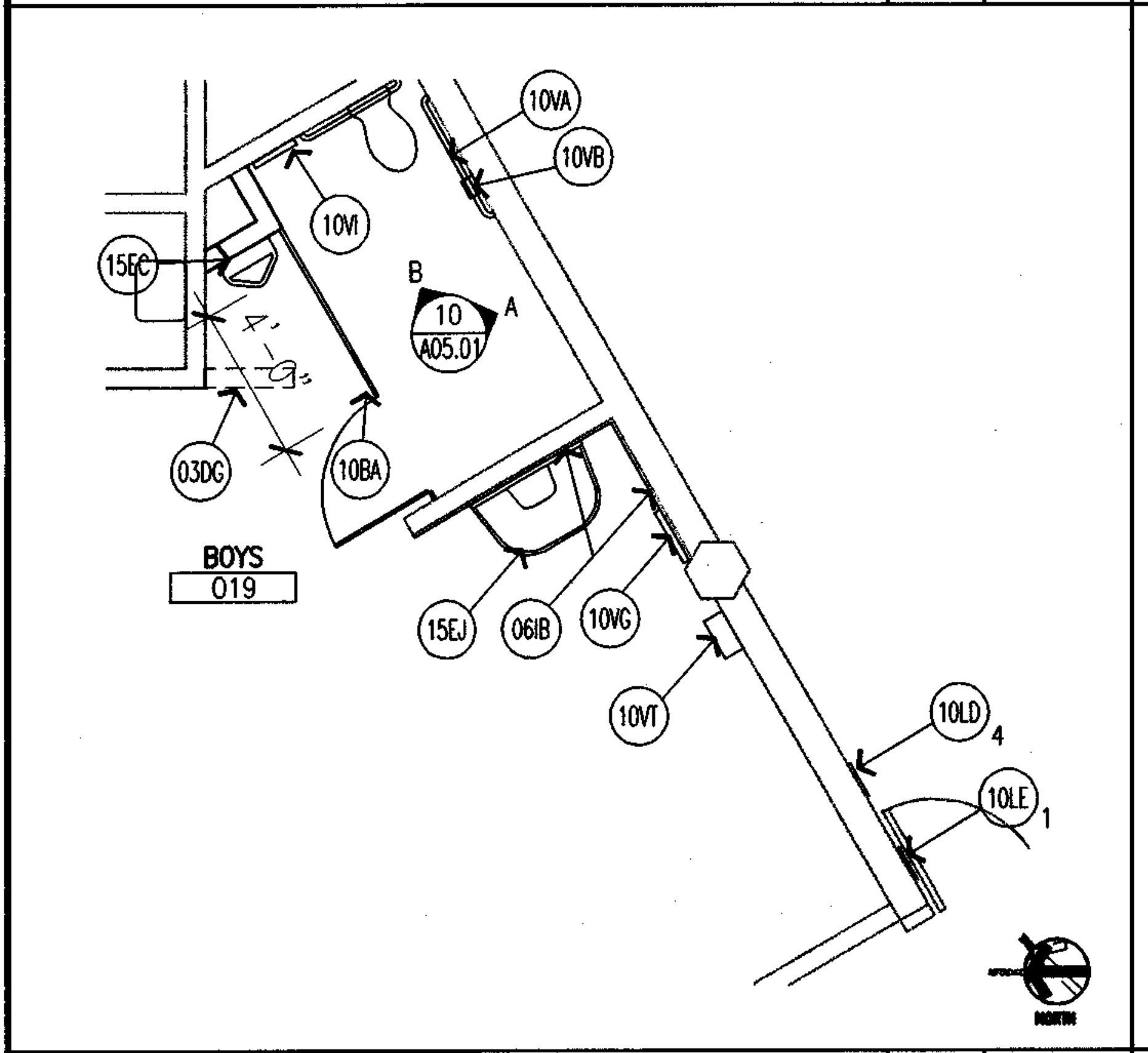
01-DEMOLITION FLOOR PLAN 1/4" 11



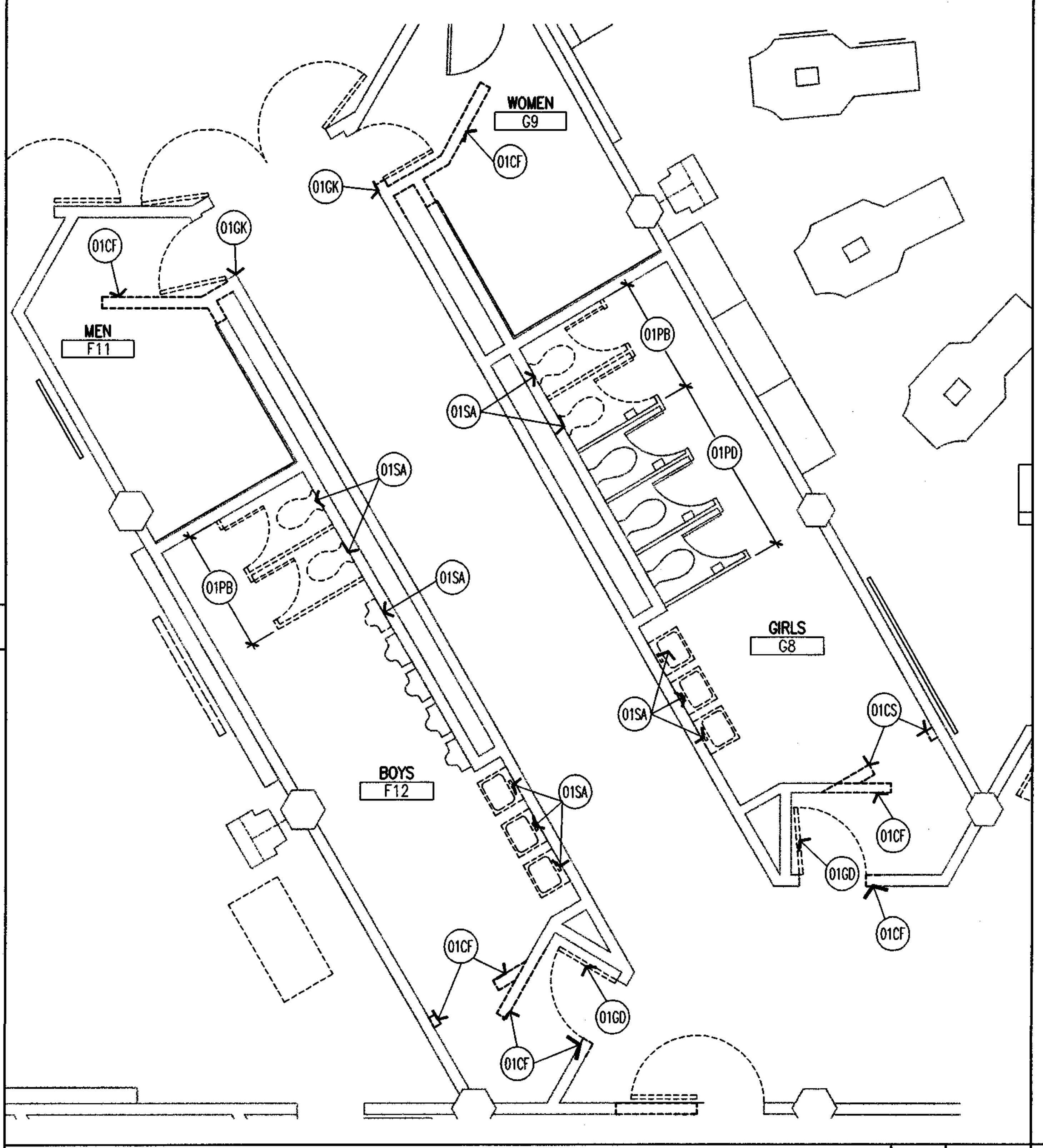
01-ENLARGED FLOOR PLAN 1/4" 12



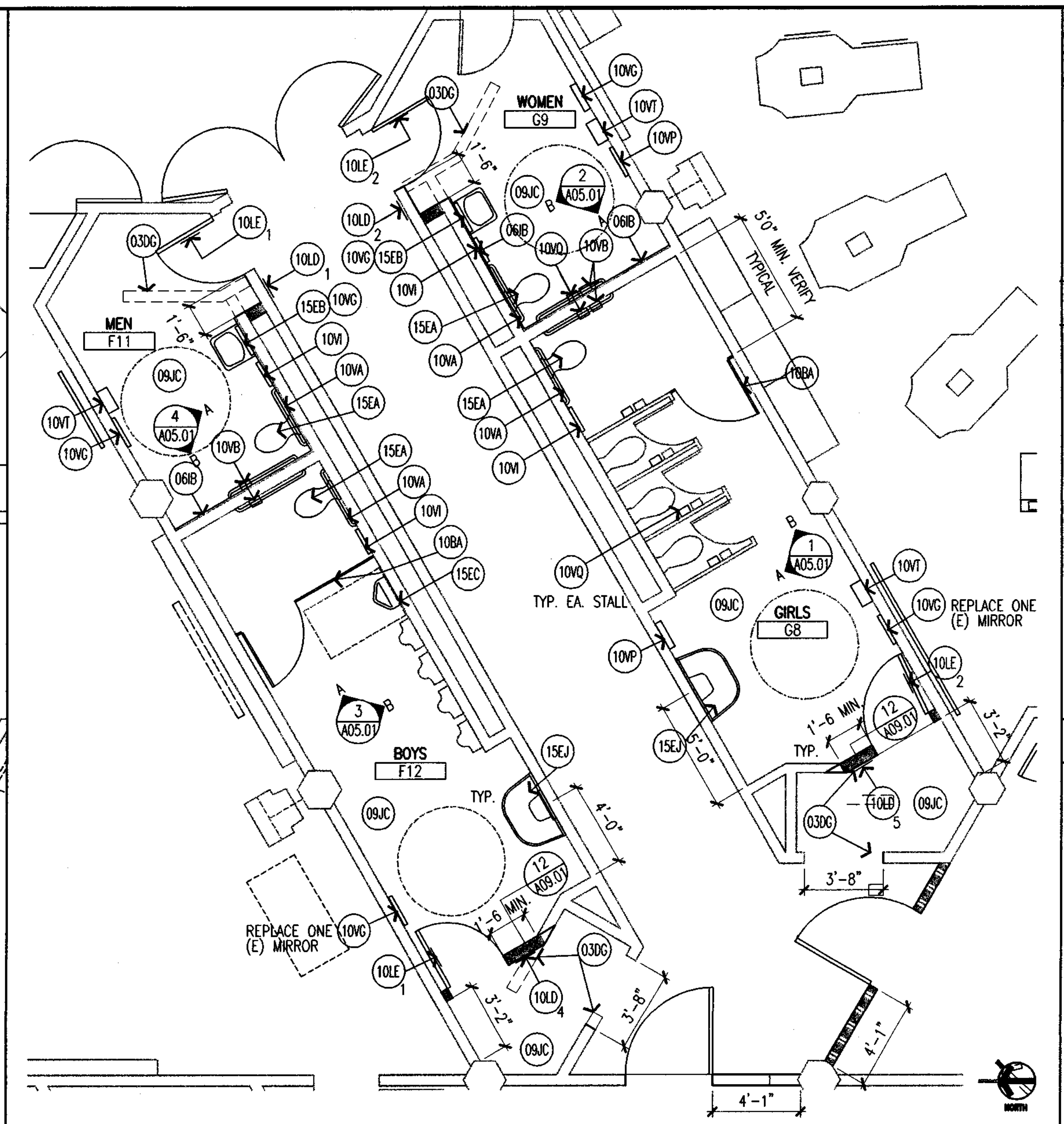
019-DEMOLITION FLOOR PLAN 1/4" 9



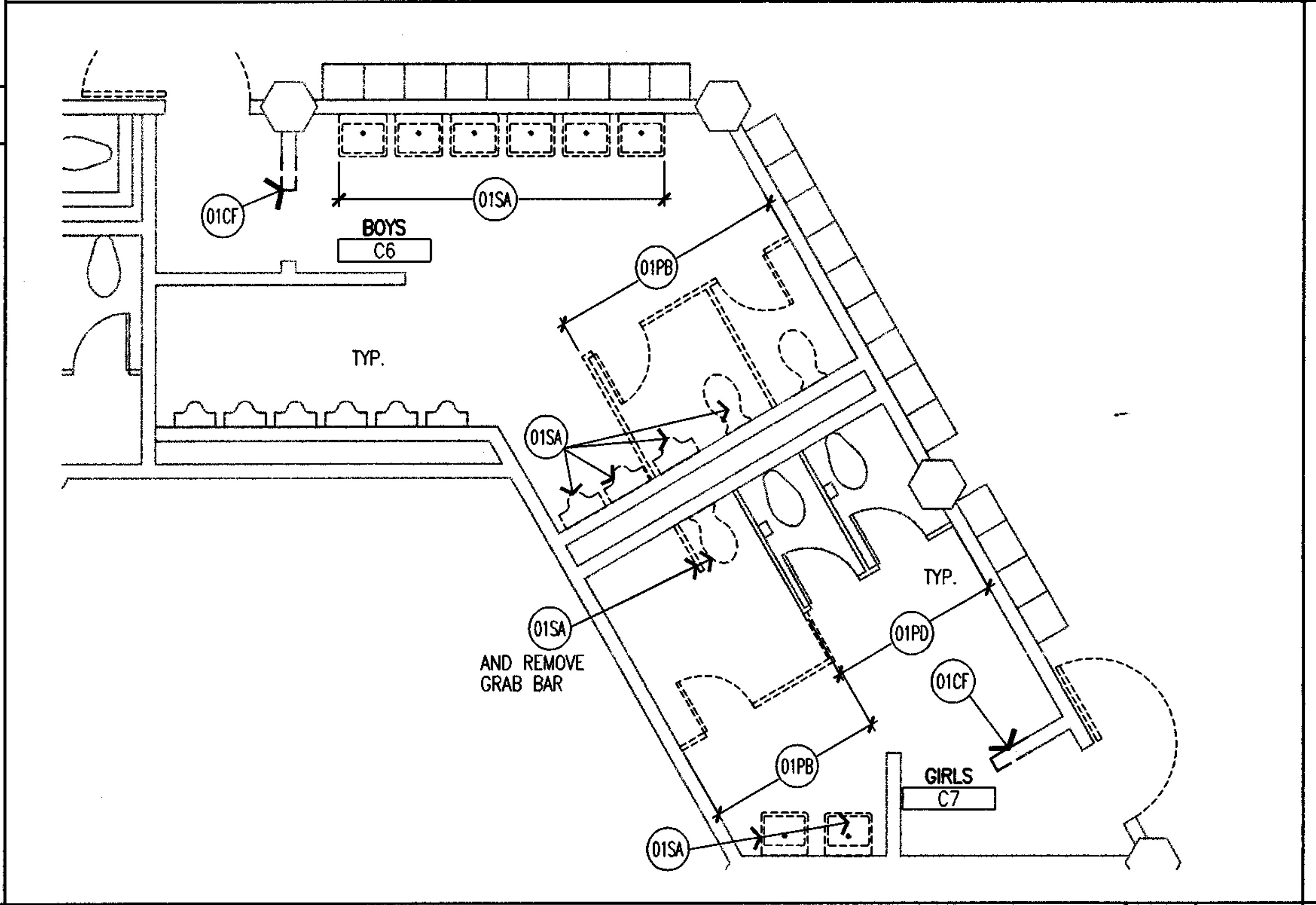
019-ENLARGED FLOOR PLAN 1/4" 10



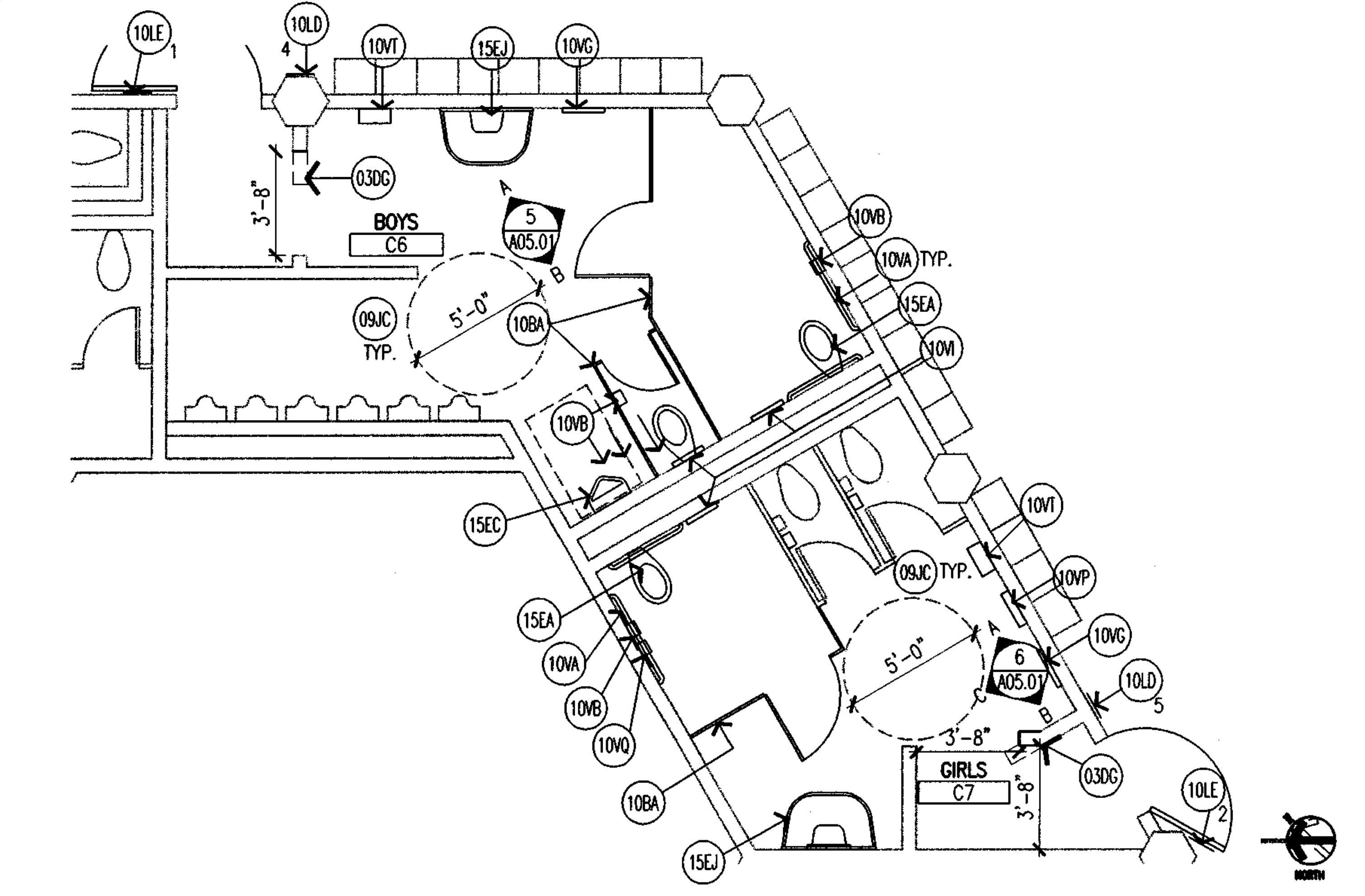
F11,F12, G8,G9- DEMOLITION FLOOR PLAN 1/4" 5



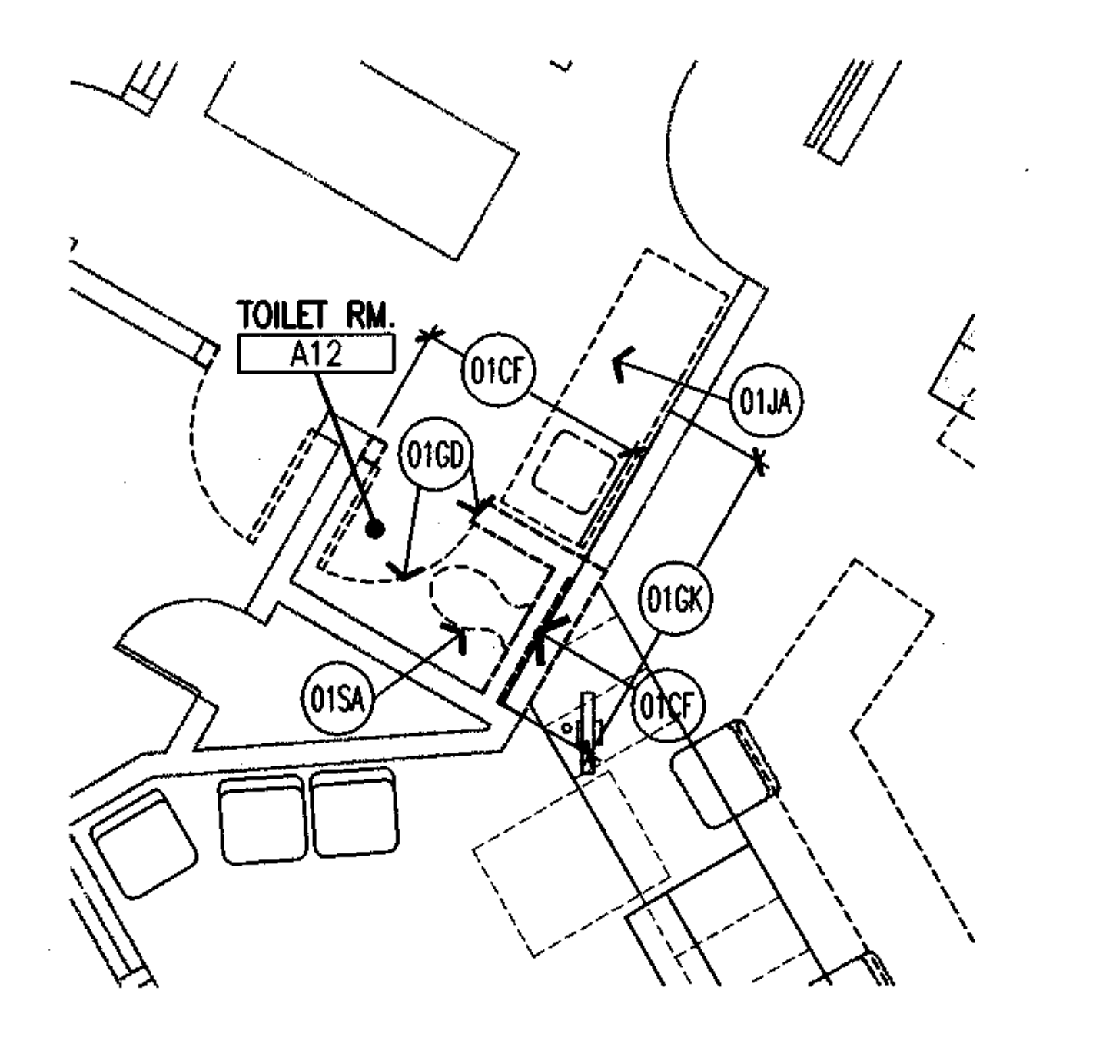
F11,F12, G8,G9- ENLARGED FLOOR PLAN 1/4" 1



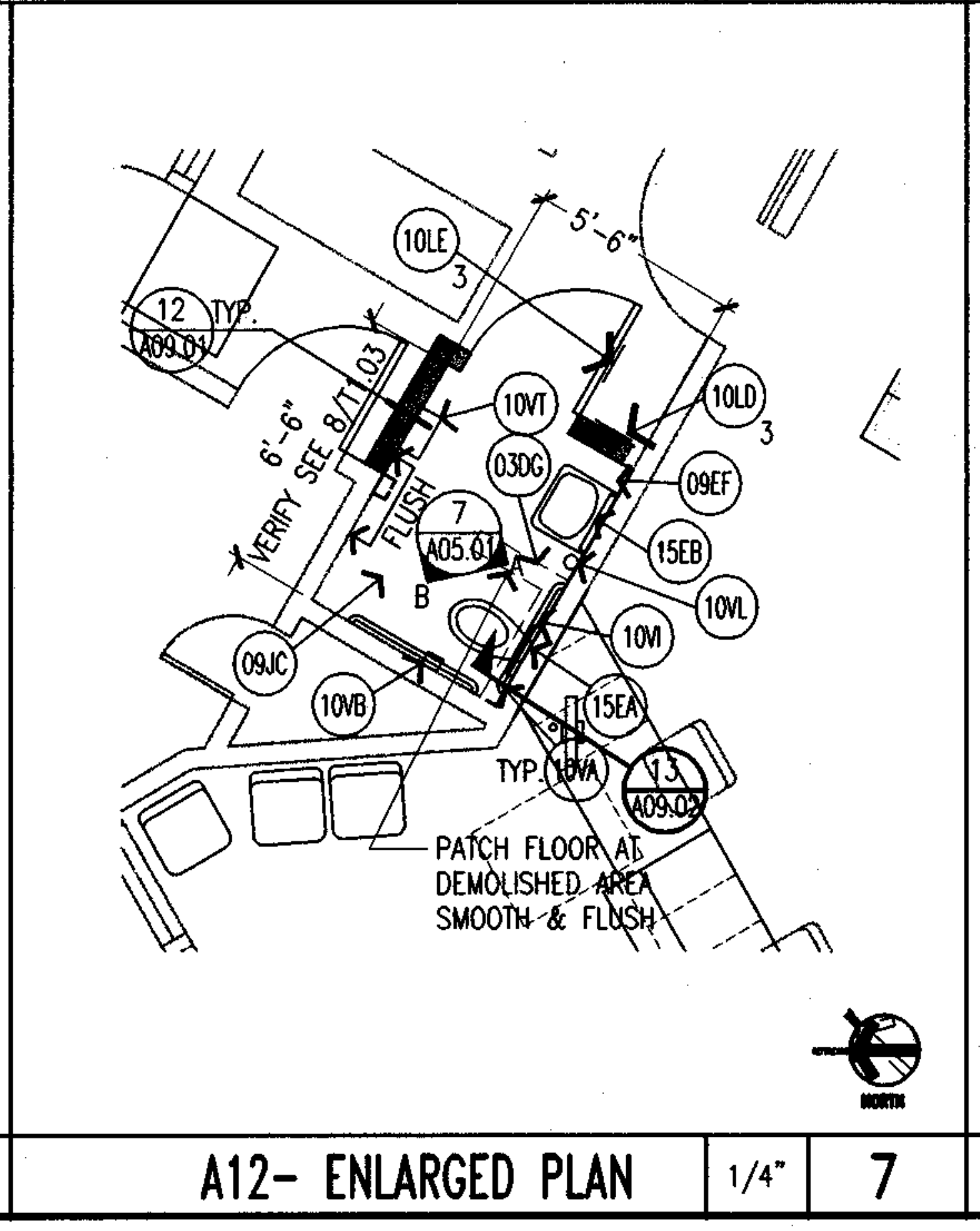
C6&C7- DEMOLITION FLOOR PLAN 1/4" 6



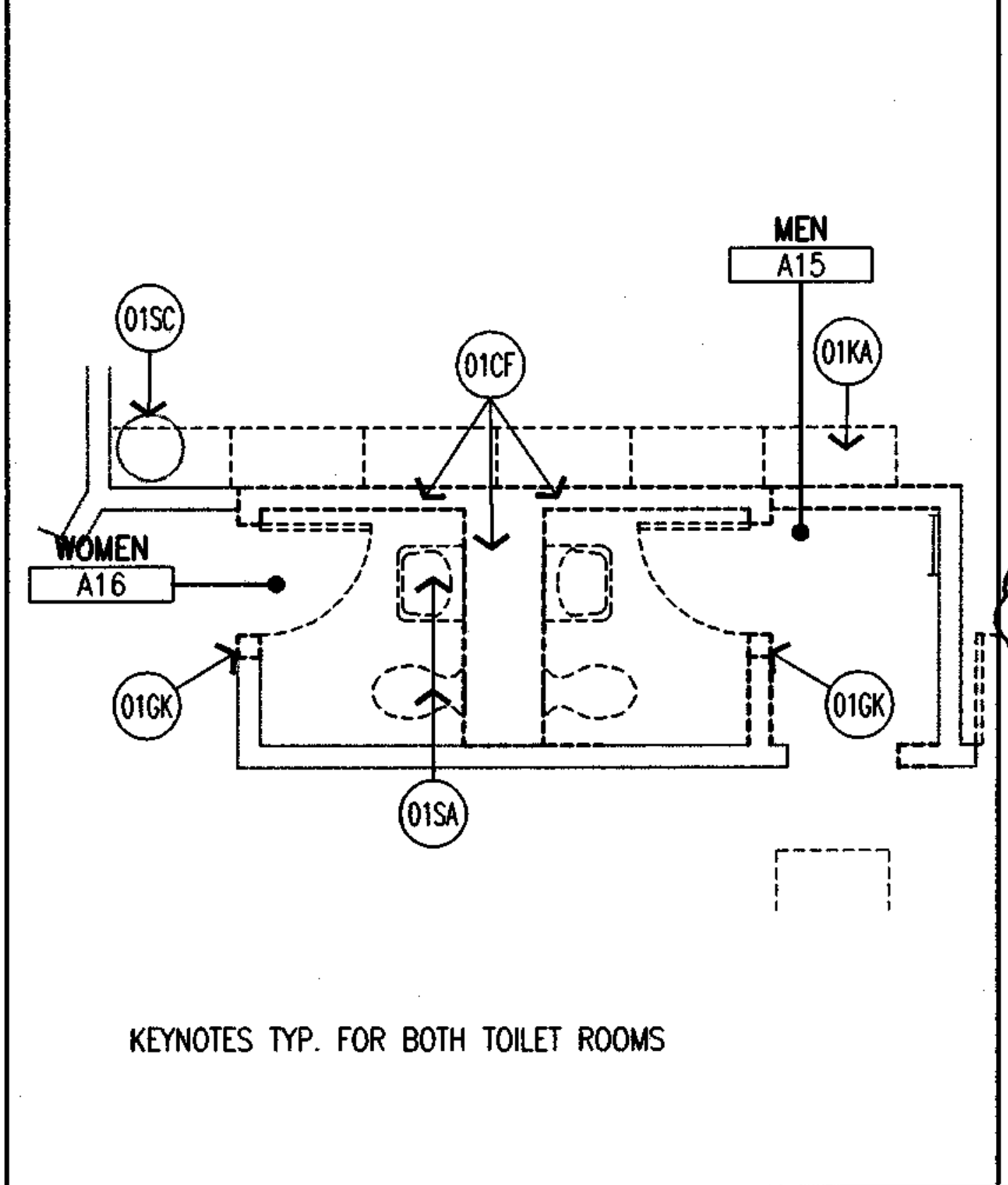
C6&C7- ENLARGED FLOOR PLAN 1/4" 2



A12- DEMOLITION PLAN 1/4" 8

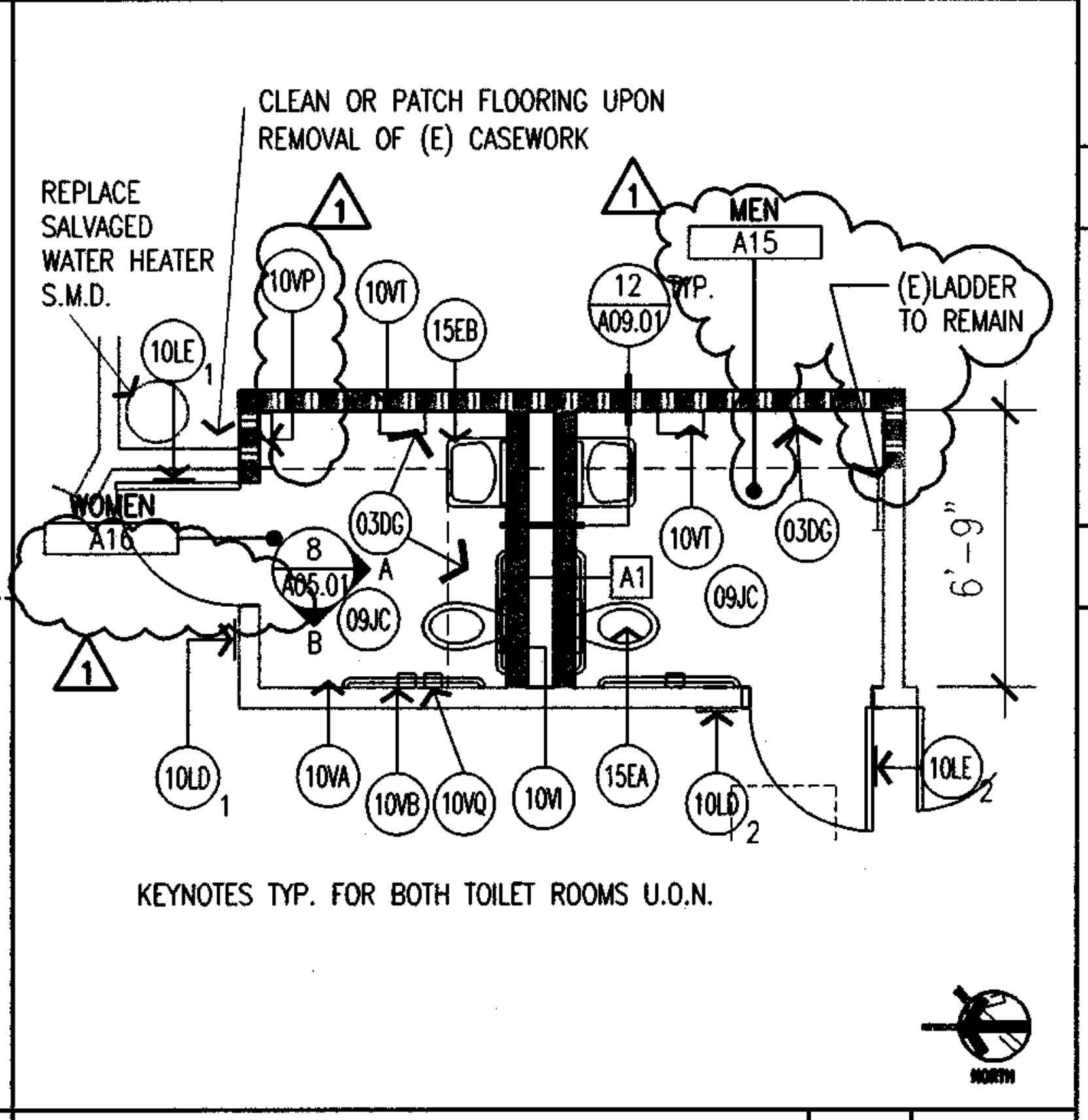


A12- ENLARGED PLAN 1/4" 7



KEYNOTES TYP. FOR BOTH TOILET ROOMS

A15&A16- DEMOLITION PLAN 1/4" 4


CLEAN OR PATCH FLOORING UPON REMOVAL OF (E) CASEWORK
REPLACE SALVAGED WATER HEATER S.M.D.
(E)LADDER TO REMAIN
MEN
A15
WOMEN
A16
12 TYP.
A09.01
8
A05.01
6'-9"

KEYNOTES TYP. FOR BOTH TOILET ROOMS U.O.N.

A15&A16- ENLARGED PLAN 1/4" 3

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. REFER TO DETAILS ON SHEET T01.03 FOR ALL REQUIRED DIMENSIONS OF NEW ACCESSIBLE TOILET COMPARTMENTS. VERIFY ALL EXISTING WALL DIM.
2. CONTRACTOR WILL VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT, IF ANY, TO INSURE PROPER FIT AND COORDINATE SAME WITH THE WORK.
3. SEE 1/T01.01 FOR TOILET ACCESSORY MOUNTING HEIGHTS.
4. PATCH FLOOR AND CEILING AT REMOVED PARTITION TO MATCH ADJACENT SURFACES. U.O.N.
5. PATCH WALL AT REMOVED PARTITION TO MATCH ADJACANT SURGACES. W.O.
6. PATCH TILES AT REMOVED FIXTURE TO MATCH ADJACANT SURFACES. W.O.

DEMO NOTES

01BI	REMOVE BENCHES
01CF	REMOVE PARTITION & CURB W.O.
01GD	REMOVE DOOR AND FRAME
01GK	REMOVE DOOR & FRAME AND WALL SEGMENT REQUIRED FOR INSTALLATION OF NEW. – S.S.D.
01GG	SALVAGE AND STORE (E) LADDER
01JA	REMOVE (E) CASEWORK & SINK
01KA	SALVAGE & STORE CASEWORK
01PD	(E) TOILET PARTITION TO REMAIN
01PB	REMOVE TOILET PARTITION
01SA	REMOVE PLUMBING FIXTURE
01SC	SALVAGE & STORE WATER HEATER

KEY NOTES

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
03DG	CEMENTITIOUS UDERLAYMENT 03347	
06IB	GLASS FIBER REINFORCED PLASTIC 06601	
09JC	~~SHEET VINYL FLOORING 09650~~ (E) POLISHED RESIN TERRAZO	
10BA	METAL TOILET COMPARTMENTS 10160	
10BE	URINAL PRIVACY SCREEN 10160	
10VA	GRAB BARS 10800	
10VB	TOILET TISSUE HOLDERS 10800	
10VG	MIRROR 10800	
10VI	SEAT COVER DISPENSER 10800	
10VL	SOAP DISPENSER 10800	
10VT	HAND DRYER 10800	
10VP	SANITARY NAPKIN DISPENSER 10800	
10VQ	SANITARY NAPKIN DISPOSER 10800	
15EA	WATER CLOSET DIV 15	3,7/T01.03
15EB	LAVATORY DIV 15	11/T01.03
15EC	URINAL DIV 15	12/T01.03
15EJ	WASH FOUNTAIN DIV 15	

* (10VA–10VQ)

* ALL TOILET ROOM ACCESSORIES ARE OWNER SUPPLIED CONTR. INSTALLED

SIGNAGE SCHEDULE

TOILET SIGNS, ADA TYPE 10400

10LD 1	MENS TOILET WALL SIGN – SEE DET. 19/T01.01
10LD 2	WOMENS TOILET WALL SIGN – SEE DET. 19/T01.01
10LD 3	UNISEX TOILET WALL SIGN – SEE DET. 19/T01.01
10LD 4	BOYS TOILET WALL SIGN – SEE DET. 15/T01.01
10LD 5	GIRLS TOILET WALL SIGN – SEE DET. 15/T01.01

TOILET SIGNS, TITLE 24 TYPE 10400

10LE 1	MEN/BOYS TOILET DOOR SIGN – SEE DET. 20/T01.01
10LE 2	WOMEN/GIRLS TOILET DOOR SIGN – SEE DET. 20/T01.01
10LE 3	UNISEX TOILET DOOR SIGN – SEE DET. 20/T01.01

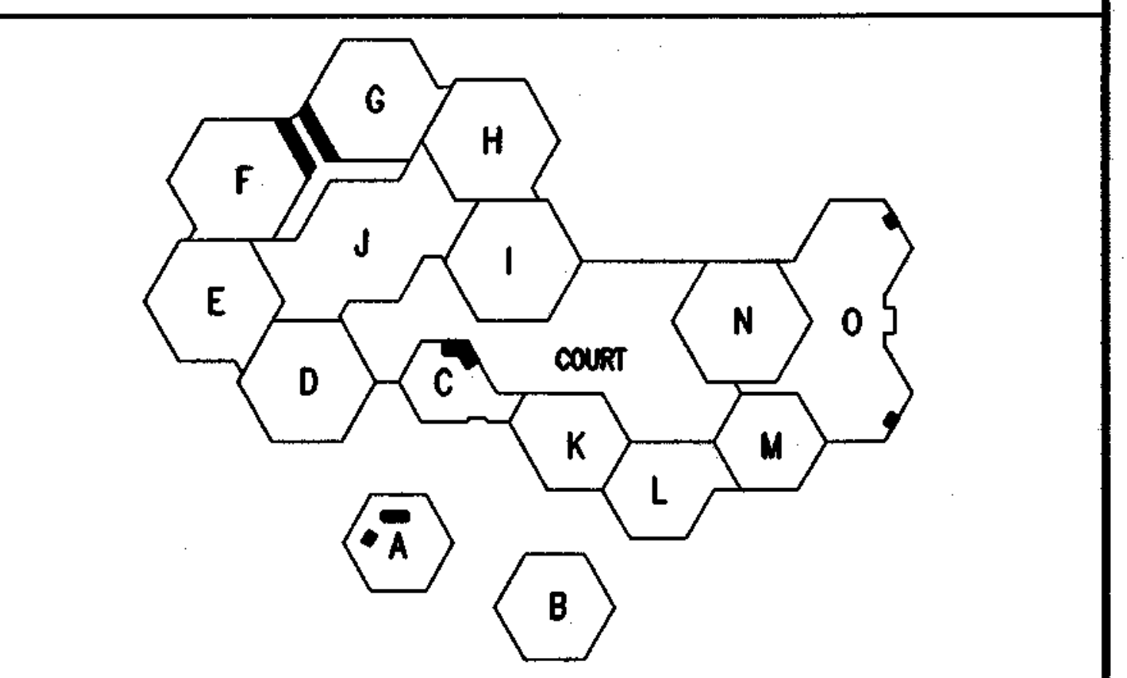
WHEELCHAIR ACCESSIBLE SIGN 10400

10LF 1	RIGHT ARROW WALL SIGN – SEE DET. 14/T01.01
10LF 2	LEFT ARROW WALL SIGN – SEE DET. 14/T01.01
10LF 3	STANDARD WALL SIGN – SEE DET. 14/T01.01

WALL LEGEND

▬	(E) NON-RATED PARTITION
▬	(N) NON-RATED PARTITION
▨	(E) 1 HOUR FIRE-RATED PARTITION
▨	(N) 1 HOUR FIRE-RATED PARTITION
▨	(E) 2 HOUR FIRE-RATED PARTITION

KEY PLAN



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APPL 01-101886 DATE 11/17/03

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DIVISION OF THE STATE ARCHITECT

APPL 01

AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

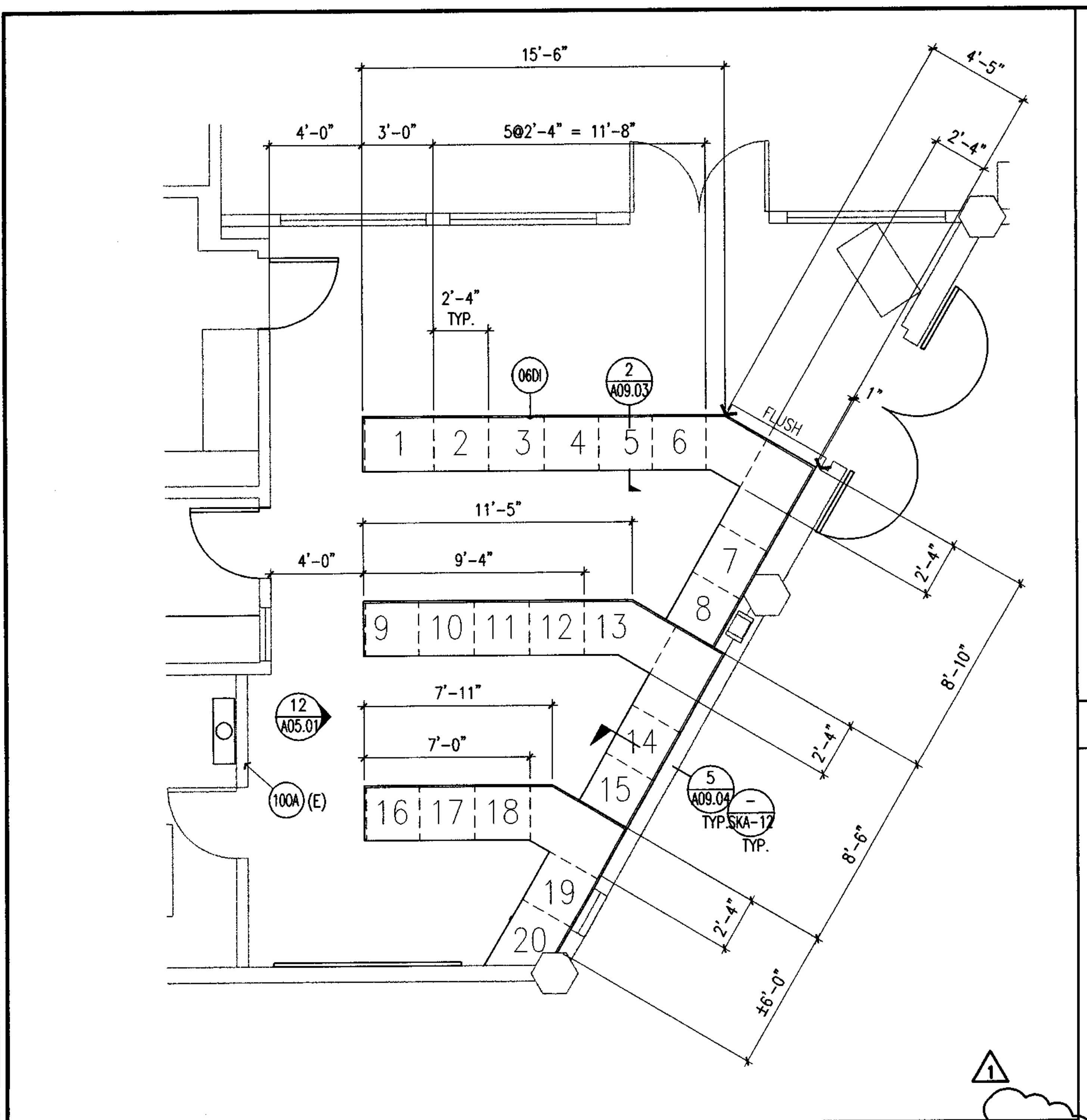
ENLARGED RESTROOM FLOOR PLANS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	⚠

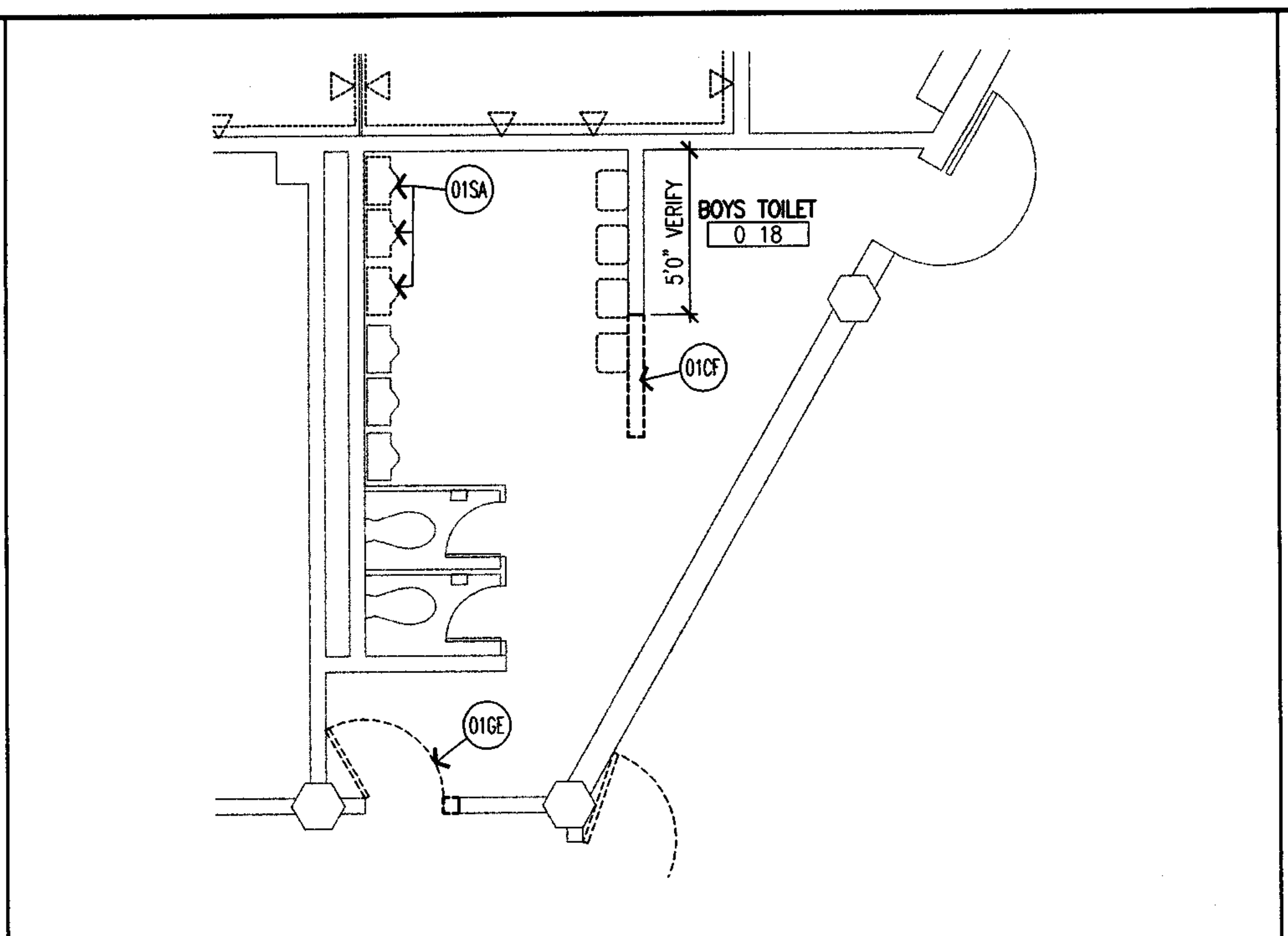
DRAWN BY: CHECKED BY:

A04.01

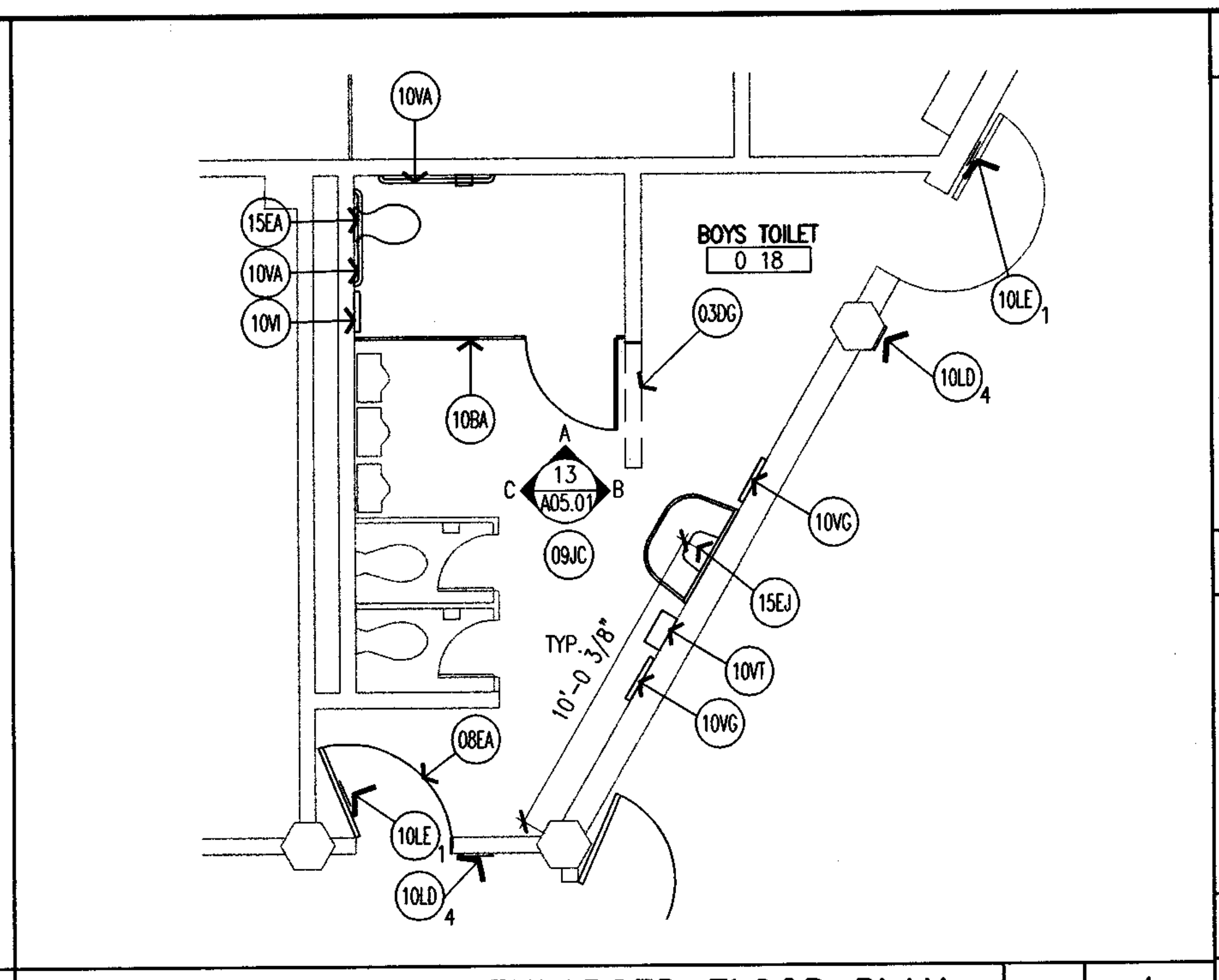
JOB NO: 99041B OF SHEETS



L8- ENLARGED FLOOR PLAN 1/4" 6



018- DEMOLITION FLOOR PLAN 1/4" 4



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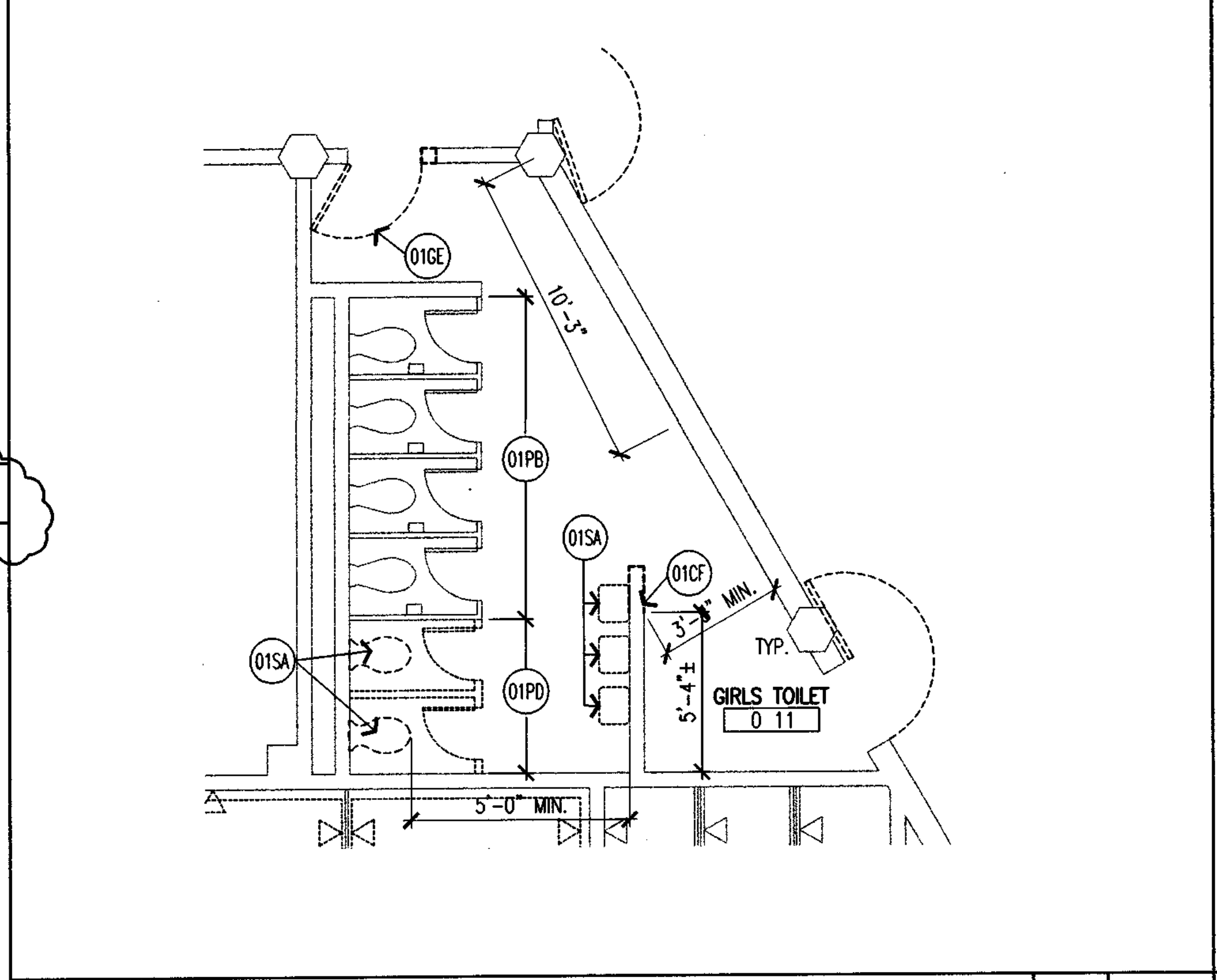
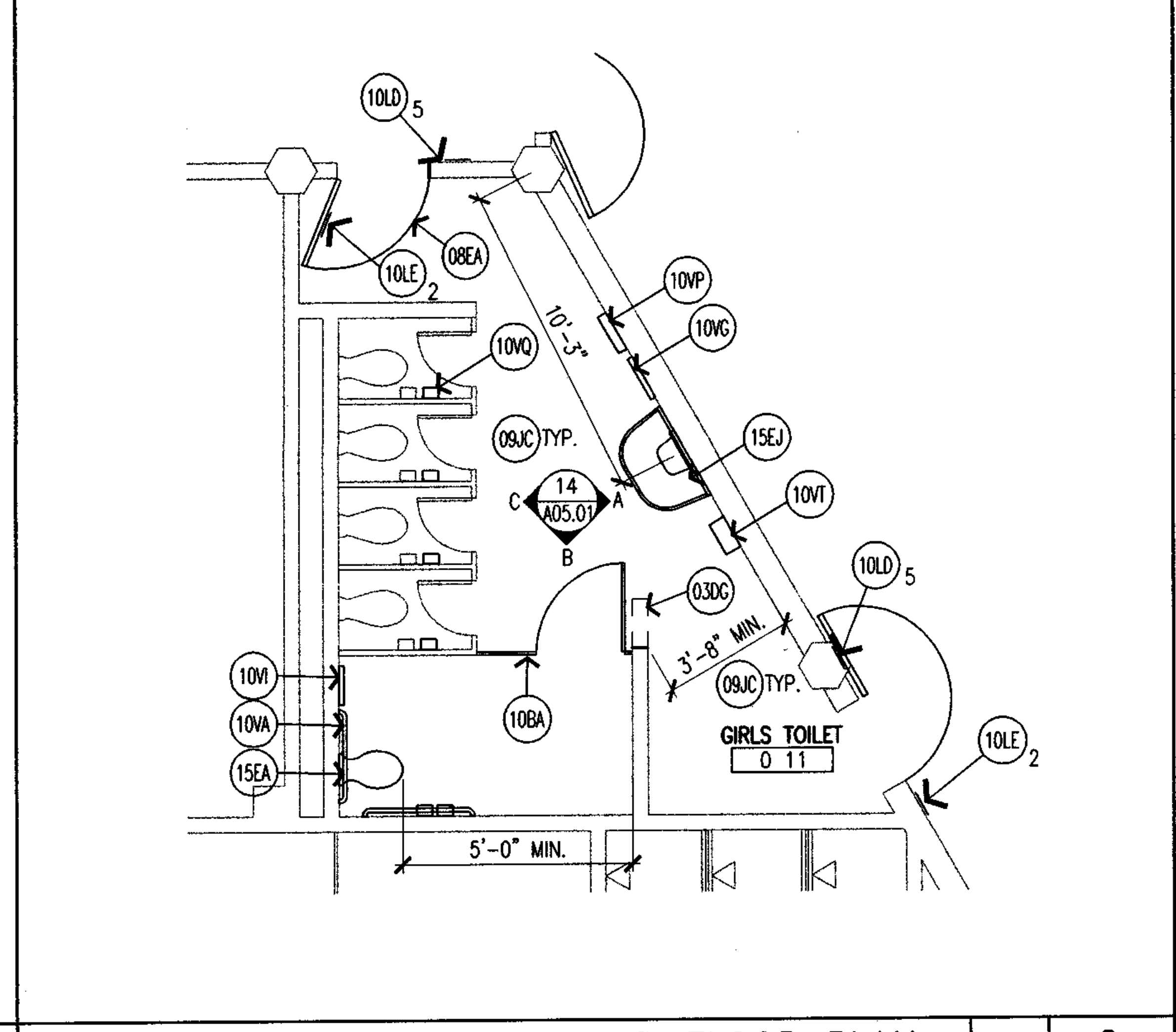
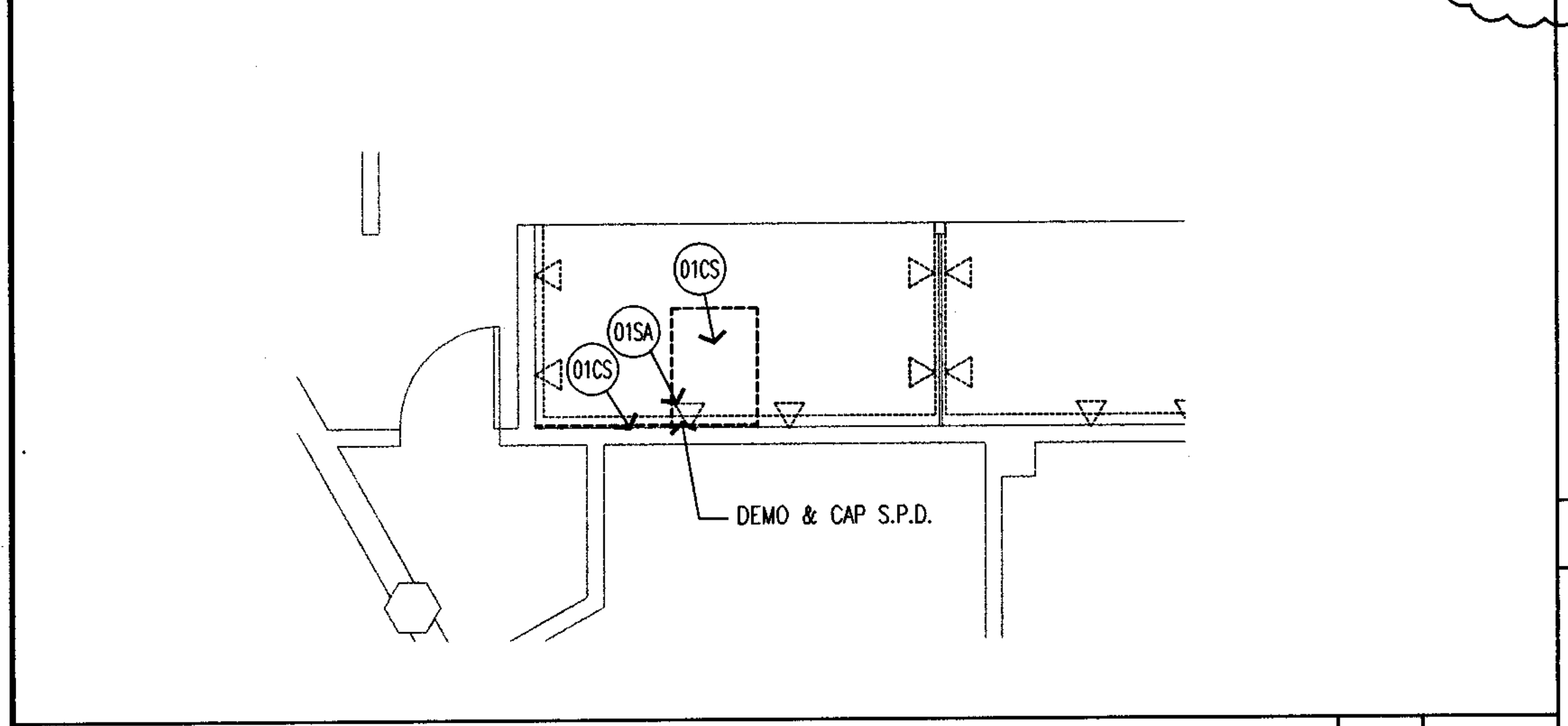


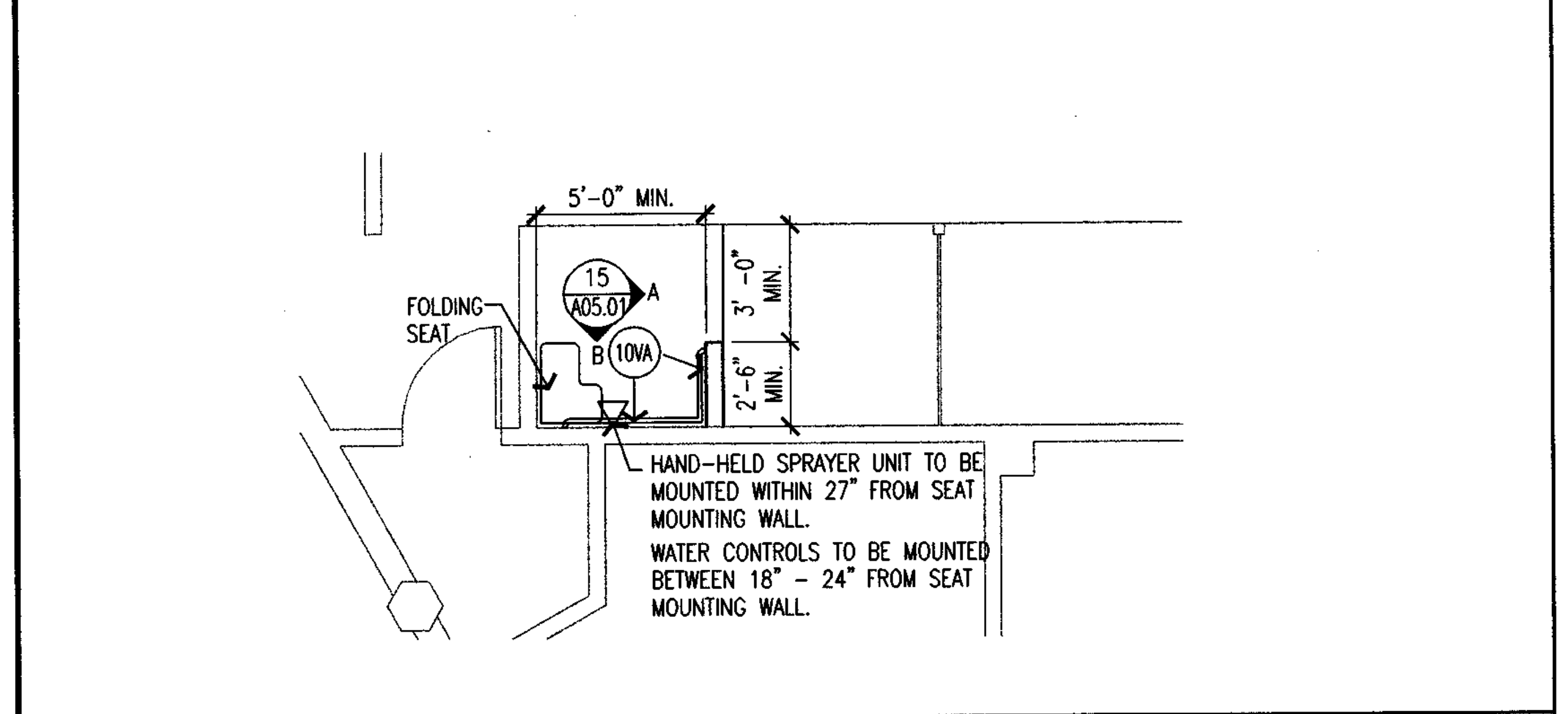
011- DEMOLITION FLOOR PLAN 1/4" 5



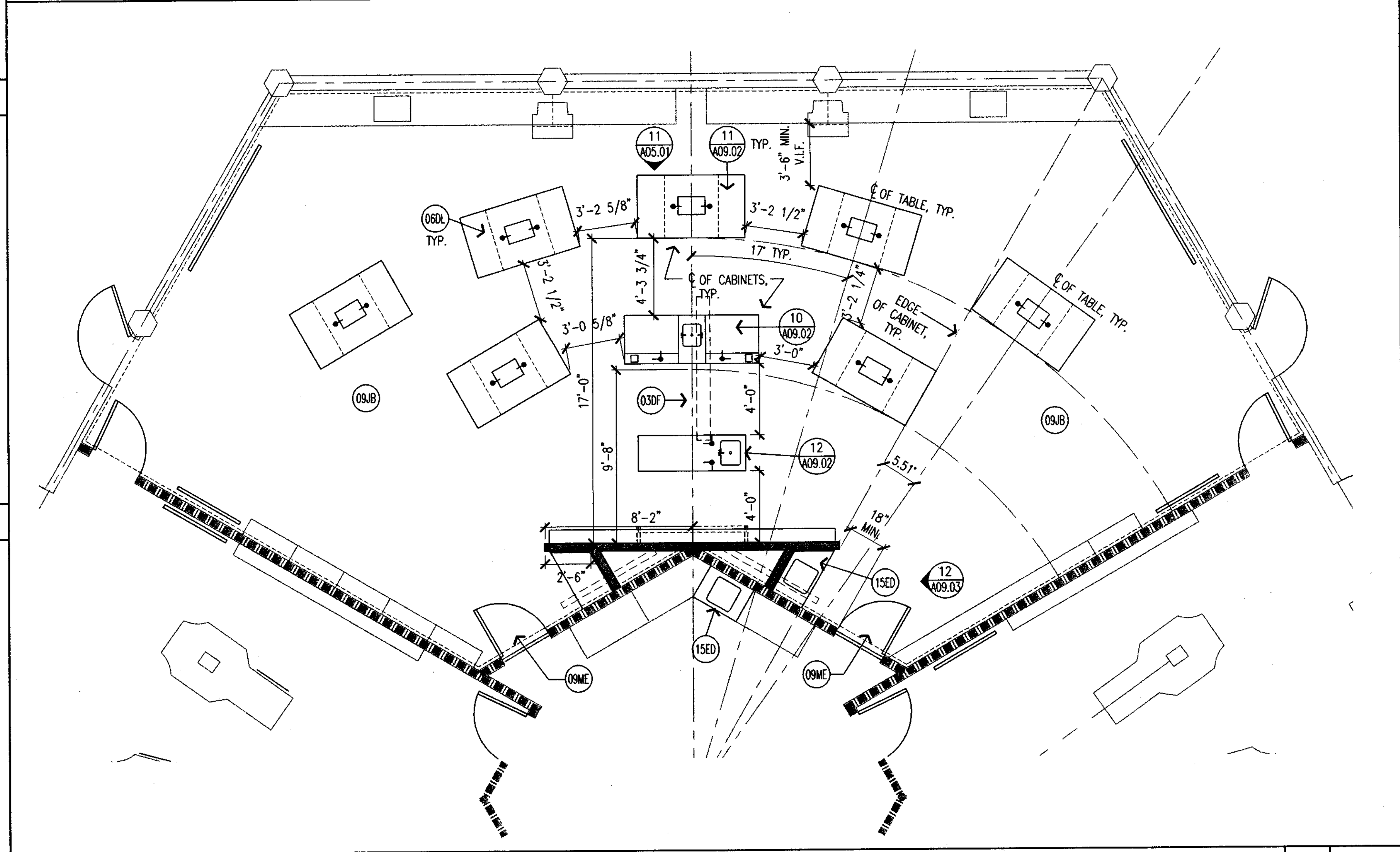
011- ENLARGED FLOOR PLAN 1/4" 2



019- DEMOLITION FLOOR PLAN 1/4" 7


5'-0" MIN.
15
A05.01
A
B
10VA
3'-0" MIN.
2'-6" MIN.
FOLDING SEAT
HAND-HELD SPRAYER UNIT TO BE MOUNTED WITHIN 27" FROM SEAT MOUNTING WALL.
WATER CONTROLS TO BE MOUNTED BETWEEN 18" - 24" FROM SEAT MOUNTING WALL.

019- ENLARGED FLOOR PLAN 1/4" 8



G3- ENLARGED FLOOR PLAN 1/4" 3

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. REFER TO DETAILS ON SHEET T01.03 FOR ALL REQUIRED DIMENSIONS OF NEW ACCESSIBLE TOILET COMPARTMENTS. VERIFY ALL EXISTING WALL DIM.

2. CONTRACTOR WILL VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT, IF ANY, TO INSURE PROPER FIT AND COORDINATE SAME WITH THE WORK.

3. SEE 1/T01.01 FOR TOILET ACCESSORY MOUNTING HEIGHTS.

4. PATCH FLOOR AND CEILING AT REMOVED PARTITION TO MATCH ADJACANT SURFACES. U.O.N.

5. PATCH WALL AT REMOVED PARTITION TO MATCH ADJACANT SURGACES. W.O.

6. PATCH TILES AT REMOVED FIXTURE TO MATCH ADJACANT SURFACES. W.O.

DEMO NOTES

01CF	REMOVE PARTITION & CURB W.O.
01CS	REMOVE TILE
01GE	REMOVE DOOR AND FRAME AND WALL SEGEMENT
01PD	(E) TOILET PARTITION TO REMAIN
01PB	REMOVE TOILET PARTITION
01SA	REMOVE PLUMBING FIXTURE

KEY NOTES

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
03DG	CEMENTITIOUS UNDERLAYMENT 03347	
06DI	PLASTIC LAMINATE COUNTERTOPS 06410	
08EA	FLUSH WOOD DOORS, SEE A10.01 08210	
09JB	VINYL COMPOSITION TILE FLOORING 09650	
09JC	~~SHEET VINYL FLOORING 09650~~ POLISHED RESIN TERRAZO	
09ME	RESILIENT CARPET EDGING 09680	
10BA	METAL TOILET COMPARTMENTS 10160	
100A	FIRE EXTINGUISHER CABINETS 10520	
10VA	GRAB BARS 10800	
10VB	TOILET TISSUE HOLDERS 10800	
10VG	MIRROR 10800	
10VI	SEAT COVER DISPENSER 10800	
10VL	SOAP DISPENSER 10800	
10VT	HAND DRYER 10800	
10VP	SANITARY NAPKIN DISPENSER 10800	
10VQ	SANITARY NAPKIN DISPOSER 10800	
15EA	WATER CLOSET DIV 15	3/7/T01.03
15EB	LAVATORY DIV 15	11/T01.03
15EC	URINAL DIV 15	12/T01.03
15ED	STAINLESS STEEL SINK DIV 15	
15EJ	WASH FOUNTAIN DIV 15	

ALL TOILET ROOM ACCESSORIES ARE OWNER FURNISHED CONTR. INSTALLED

SIGNAGE SCHEDULE

TOILET SIGNS, ADA TYPE 10400

10LD 1	MENS TOILET WALL SIGN – SEE DET. 19/T01.01
10LD 2	WOMENS TOILET WALL SIGN – SEE DET. 19/T01.01
10LD 3	UNISEX TOILET WALL SIGN – SEE DET. 19/T01.01
10LD 4	BOYS TOILET WALL SIGN – SEE DET. 15/T01.01
10LD 5	GIRLS TOILET WALL SIGN – SEE DET. 15/T01.01

TOILET SIGNS, TITLE 24 TYPE 10400

10LE 1	MEN/BOYS TOILET DOOR SIGN – SEE DET. 20/T01.01
10LE 2	WOMEN/GIRLS TOILET DOOR SIGN – SEE DET. 20/T01.01
10LE 3	UNISEX TOILET DOOR SIGN – SEE DET. 20/T01.01

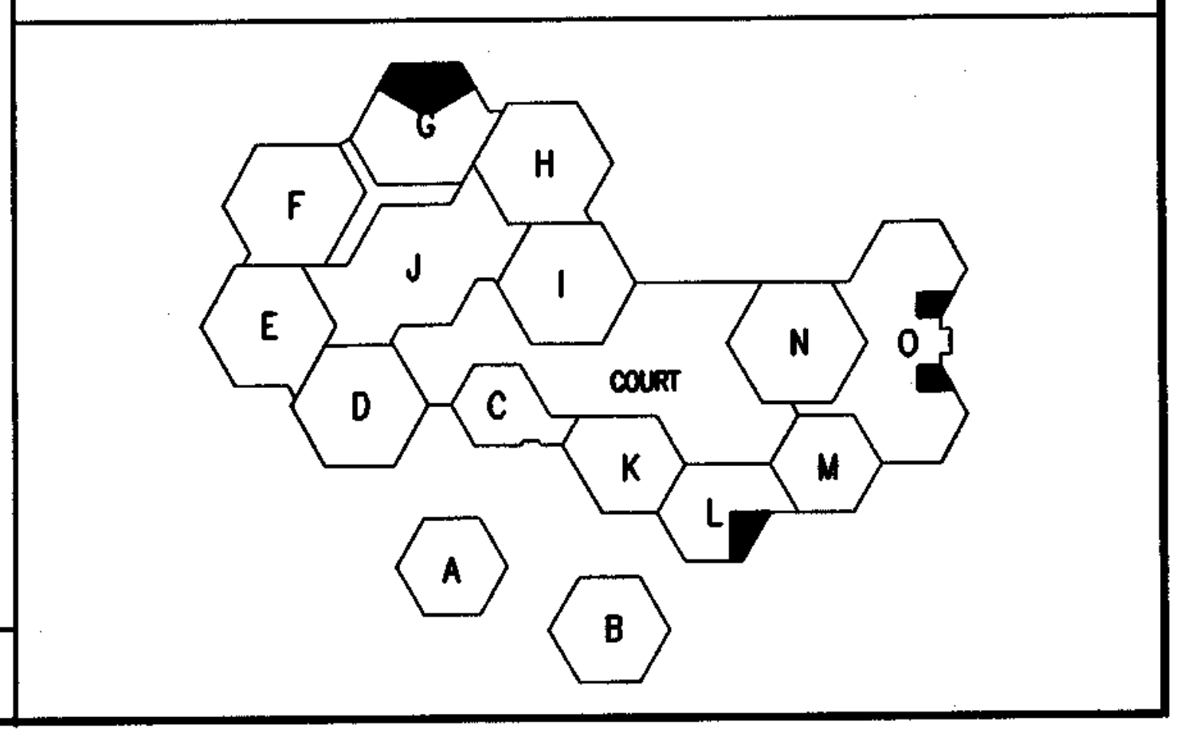
WHEELCHAIR ACCESSIBLE SIGN 10400

10LF 1	RIGHT ARROW WALL SIGN – SEE DET. 14/T01.01
10LF 2	LEFT ARROW WALL SIGN – SEE DET. 14/T01.01
10LF 3	STANDARD WALL SIGN – SEE DET. 14/T01.01

WALL LEGEND

▬	(E) NON-RATED PARTITION
▬	(N) NON-RATED PARTITION
▥	(E) 1 HOUR FIRE-RATED PARTITION
▥	(N) 1 HOUR FIRE-RATED PARTITION
▥	(E) 2 HOUR FIRE-RATED PARTITION

KEY PLAN



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ENLARGED RESTROOM & SCIENCE LAB FLOOR PLANS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

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A04.02

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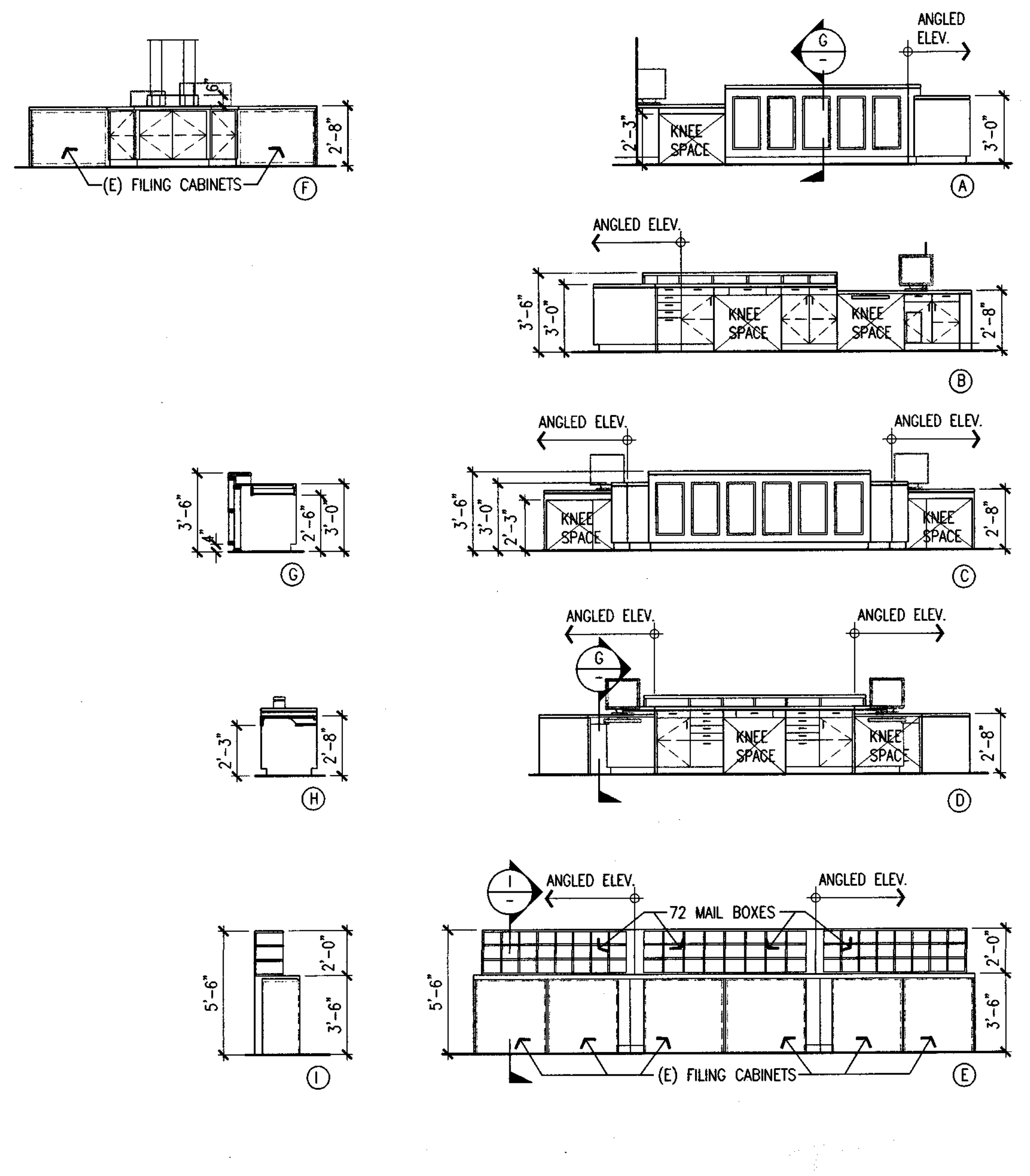
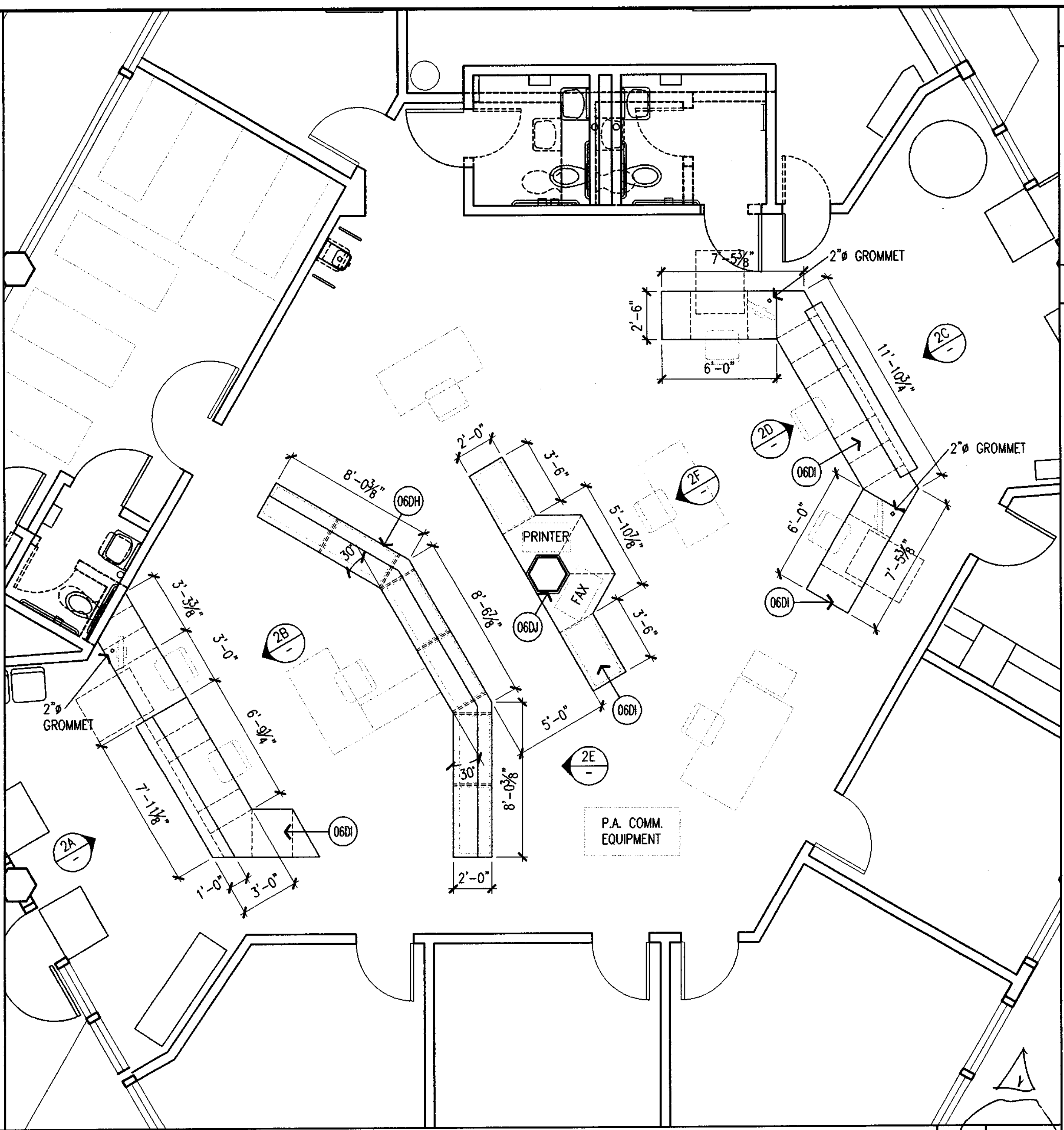
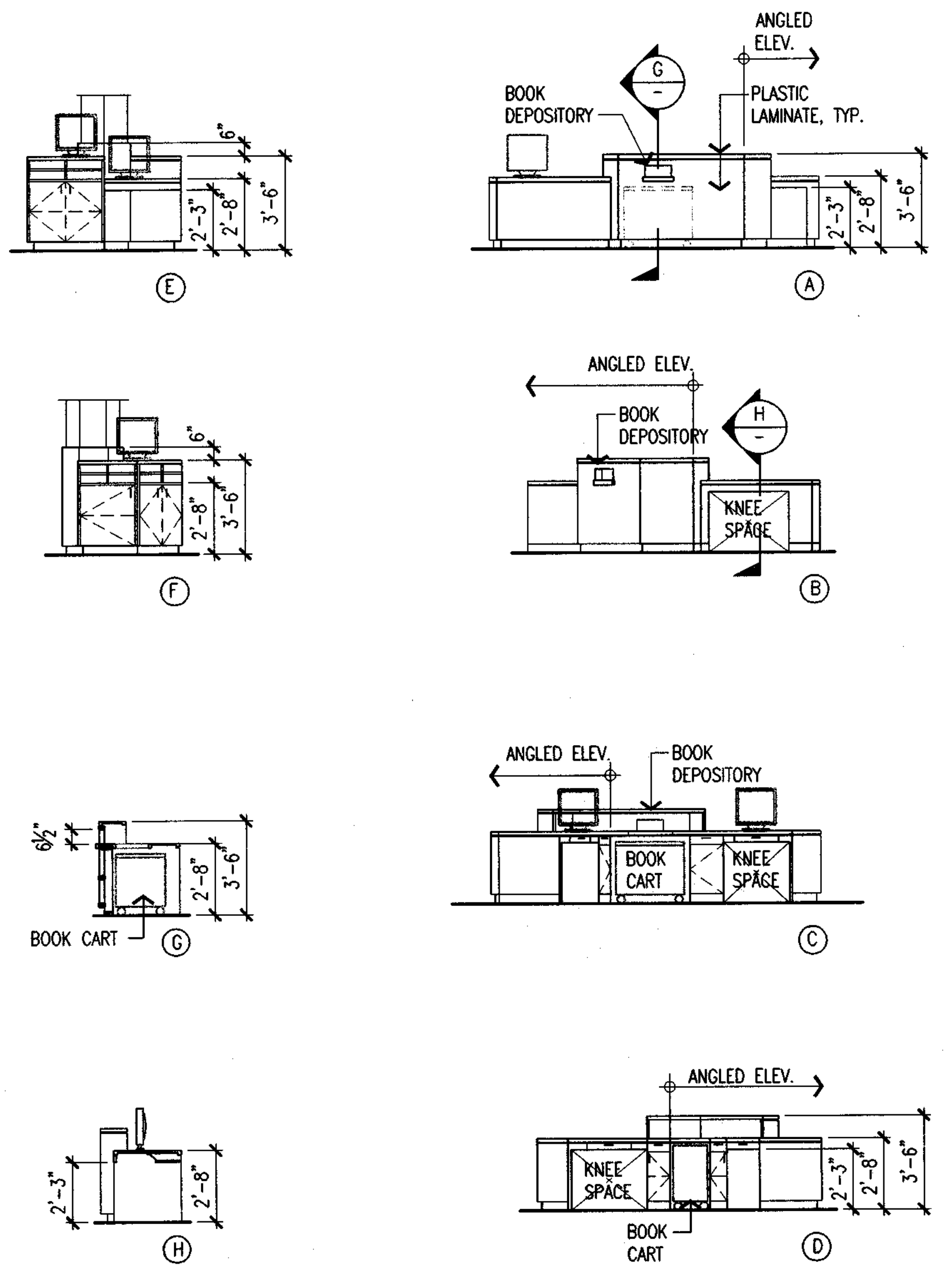


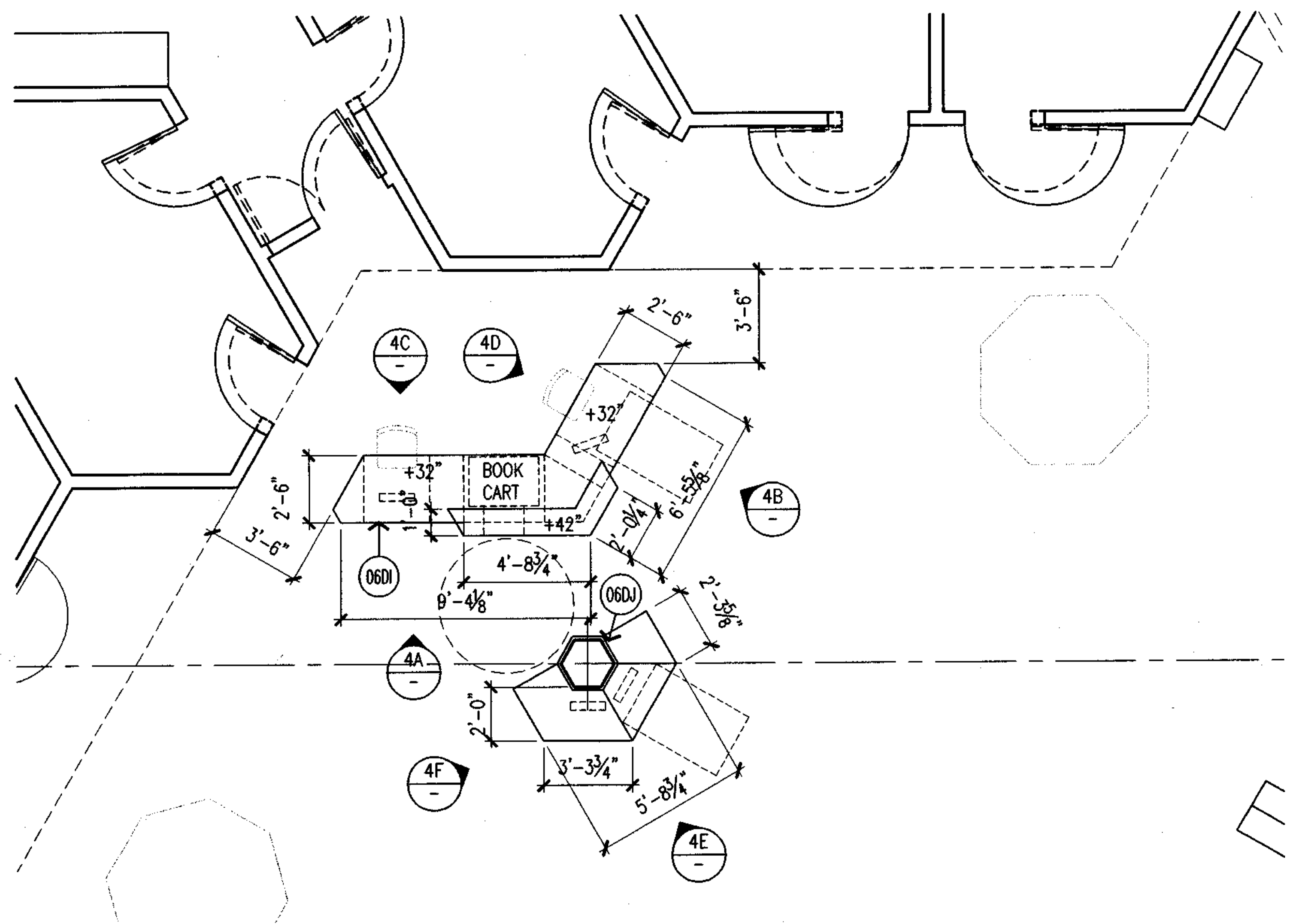
GENERAL OFFICE A1 – CASEWORK ELEVATIONS 1/4" 3



GENERAL OFFICE A1 – ENLARGED FLOOR PLAN 1/4" 1



LEARNING CENTER J1 – CASEWORK ELEVATIONS 1/4" 4



LEARNING CENTER J1 – ENLARGED FLOOR PLAN 1/4" 2

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. LARGE SCALE PLANS SHOW DETAIL DIMENSIONS, CASEWORK SCHEDULE AND DETAIL REFERENCES, EQUIPMENT, ACCESSORIES, AND INTERIOR ELEVATION REFERENCES.

2. CONTRACTOR WILL VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT, IF ANY, TO INSURE PROPER FIT AND COORDINATE SAME WITH THE WORK.

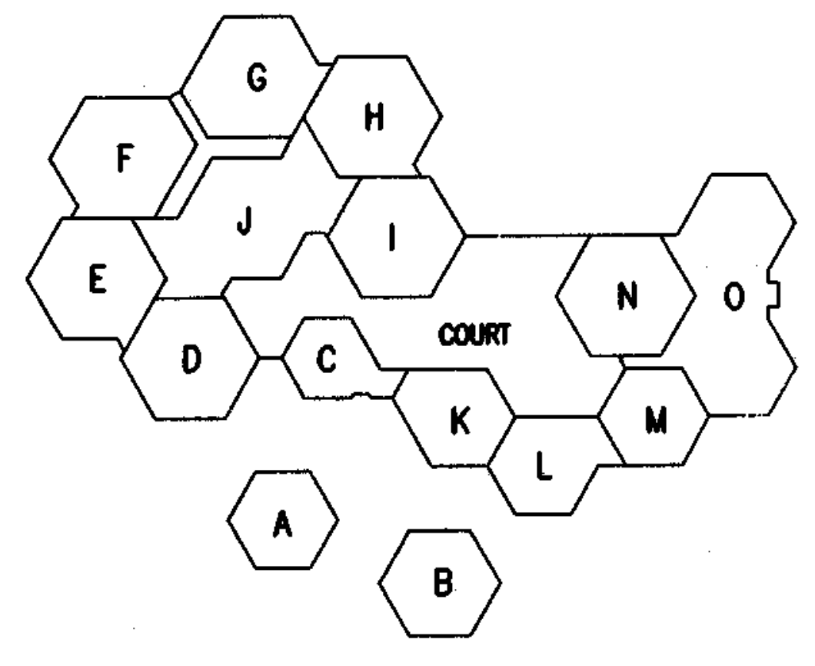
KEY NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK
06DH	PLASTIC LAMINATE COVERED CABINET 06410
06DI	PLASTIC LAMINATE COUNTERTOPS 06410
06DJ	PLASTIC LAMINATE COUNTERTOPS WITH INTEGRAL BACKSPLASH 06410

SEE A09.03 FOR TYP CABINET ANCHORAGE 1

KEY PLAN



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APPL 01
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AUTHORITY APPROVAL

ENLARGED FLOOR PLANS & CASEWORK ELEVATIONS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

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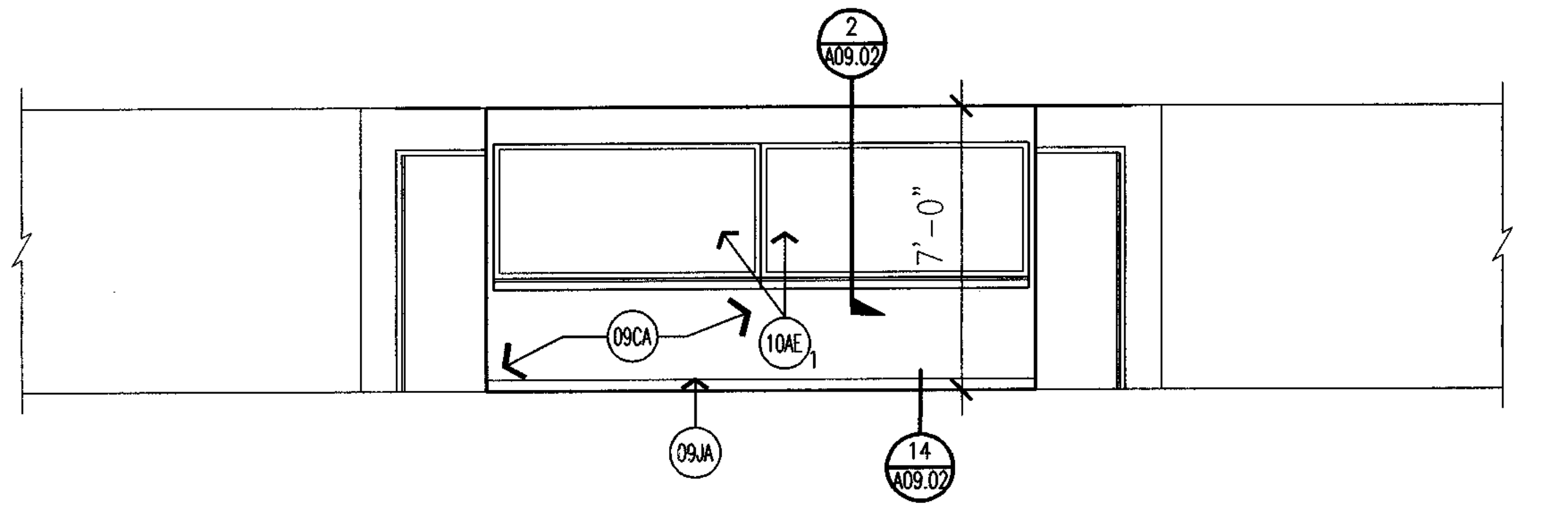
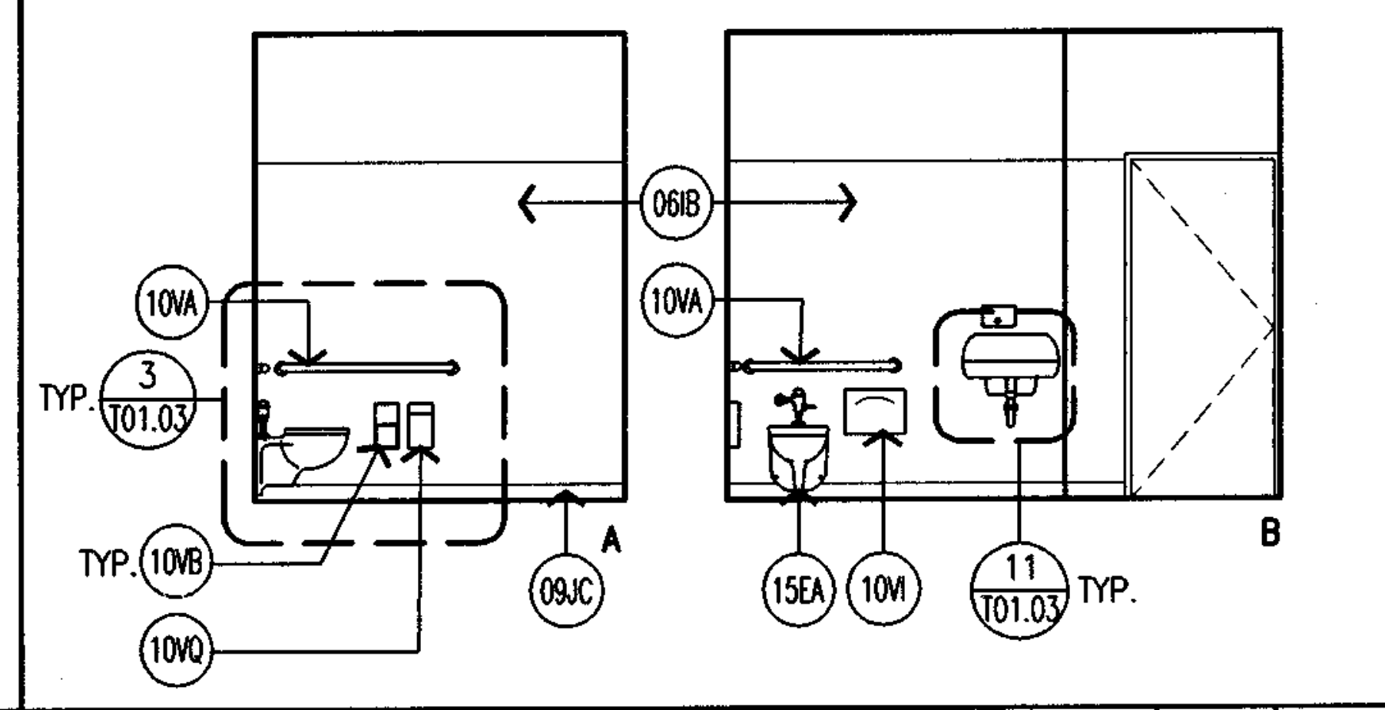
A04.03

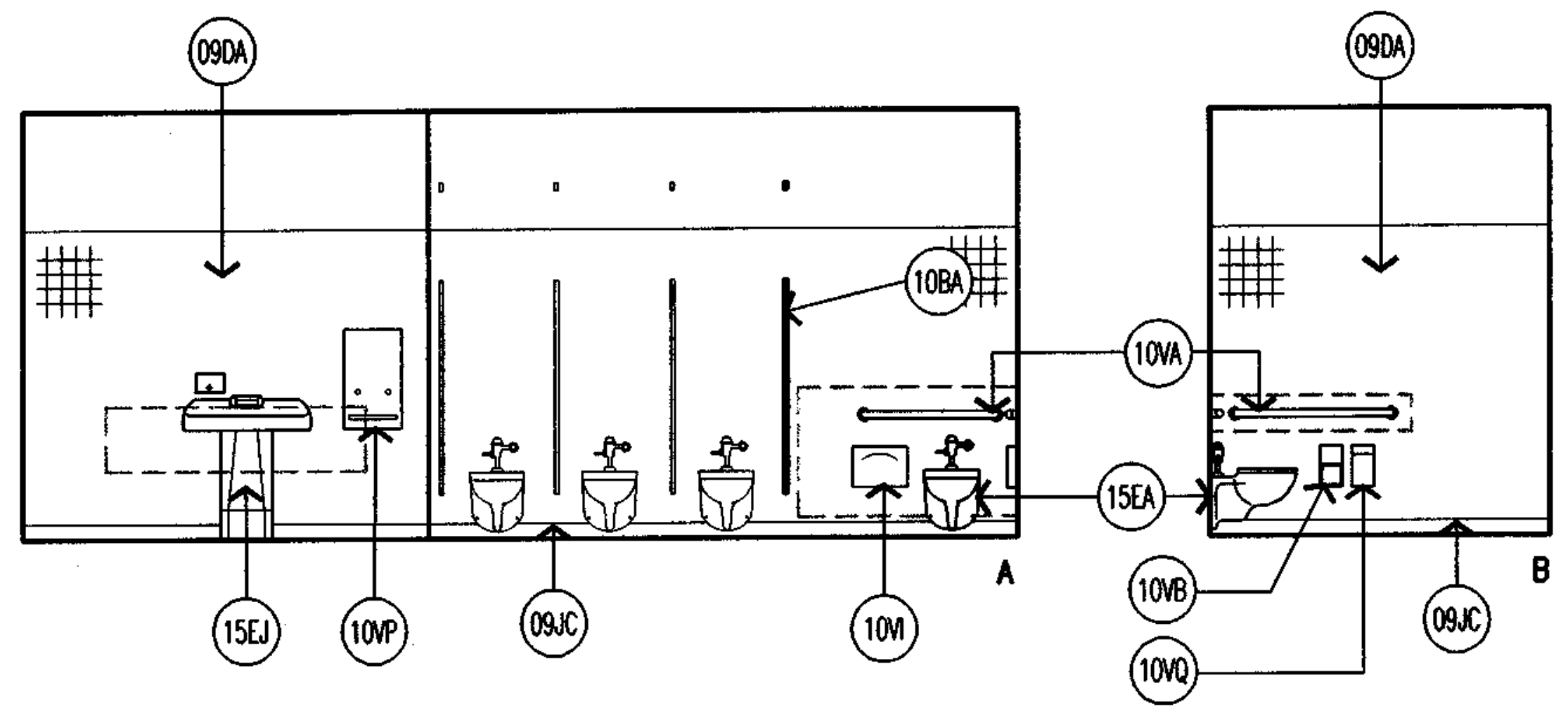
JOB NO: 99041B OF SHEETS



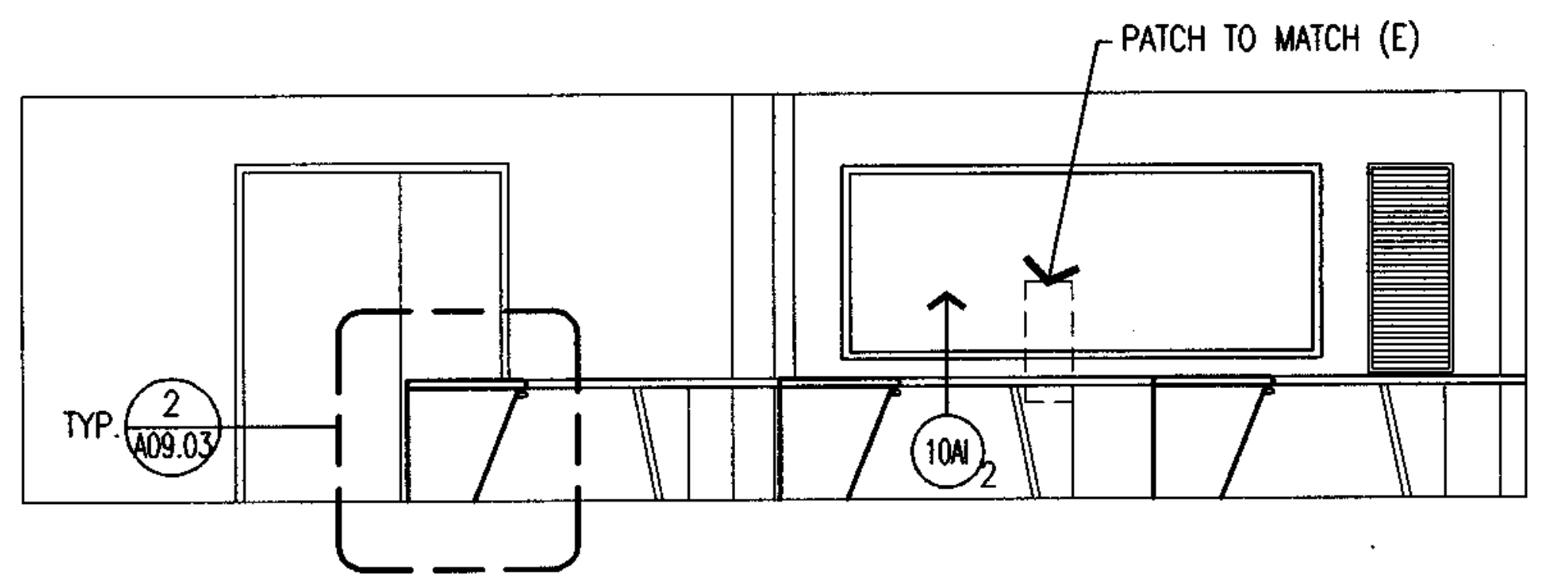
INTERIOR ELEVATION G3 1/4" 11



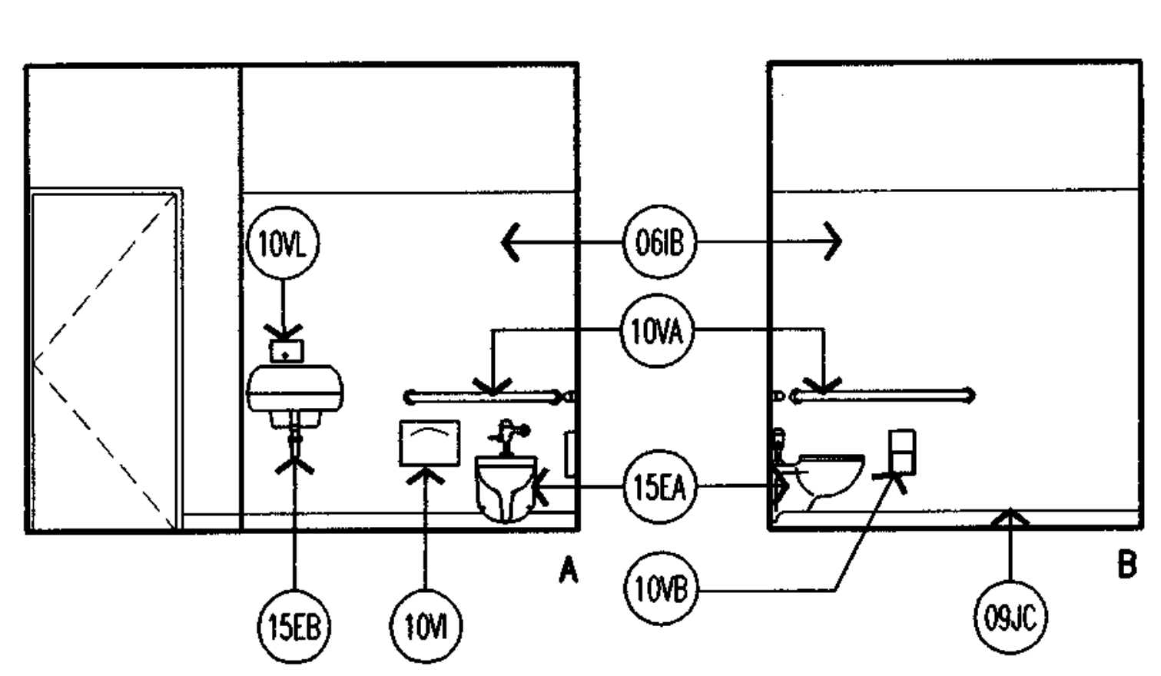
WOMEN - INT. ELEVATIONS G9 1/4" 2



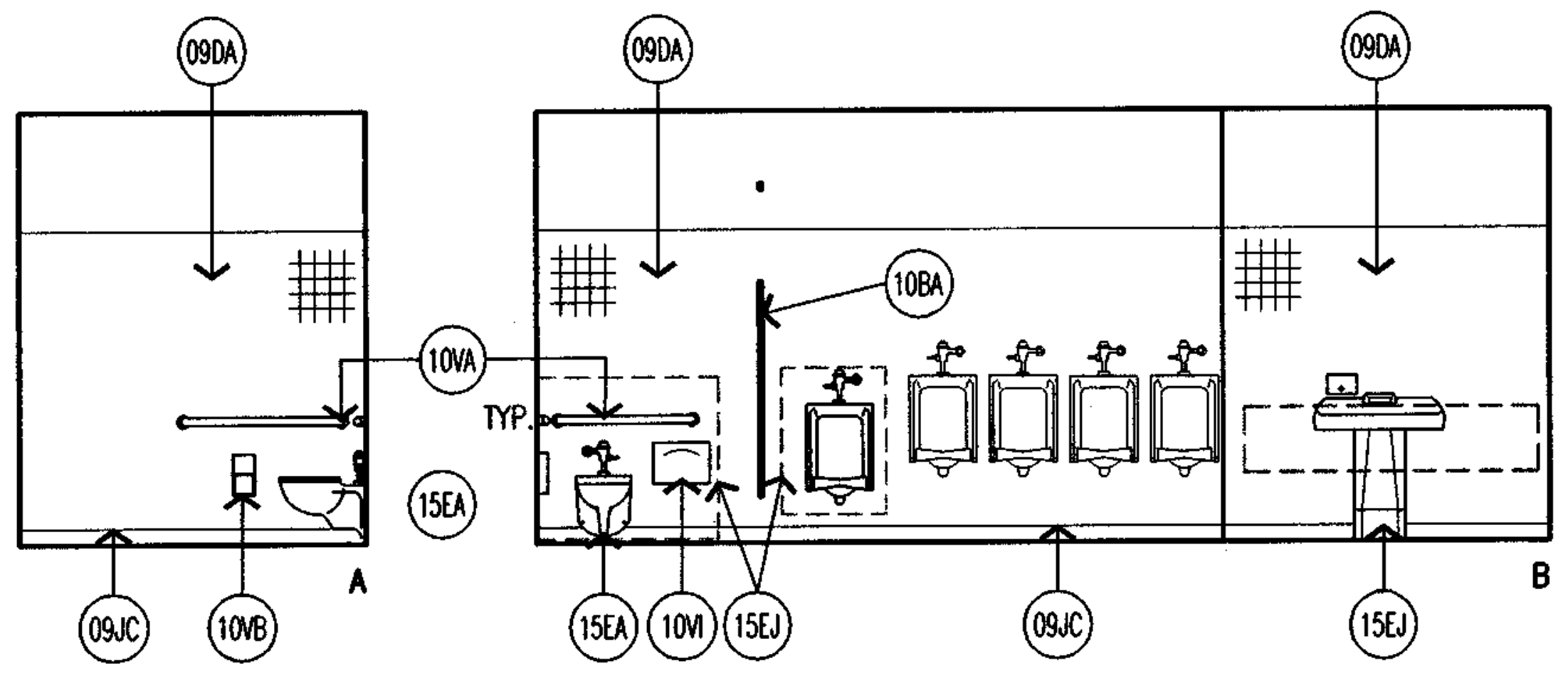
GIRLS - INT. ELEVATIONS G8 1/4" 1



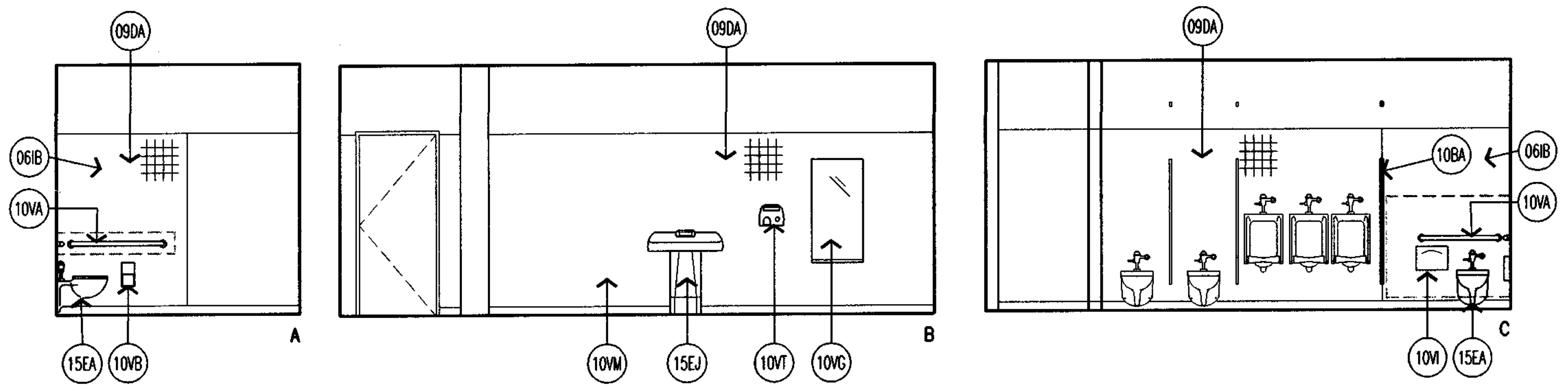
INTERIOR ELEVATION L8 1/4" 12



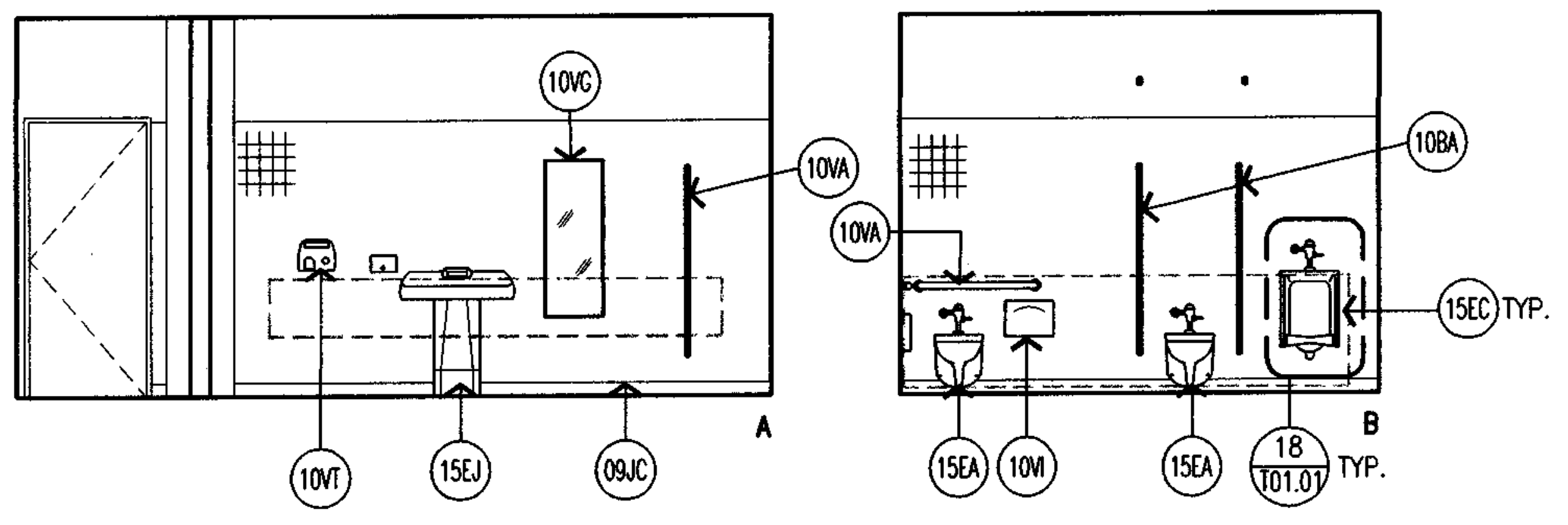
INTERIOR ELEVATIONS F11 1/4" 4



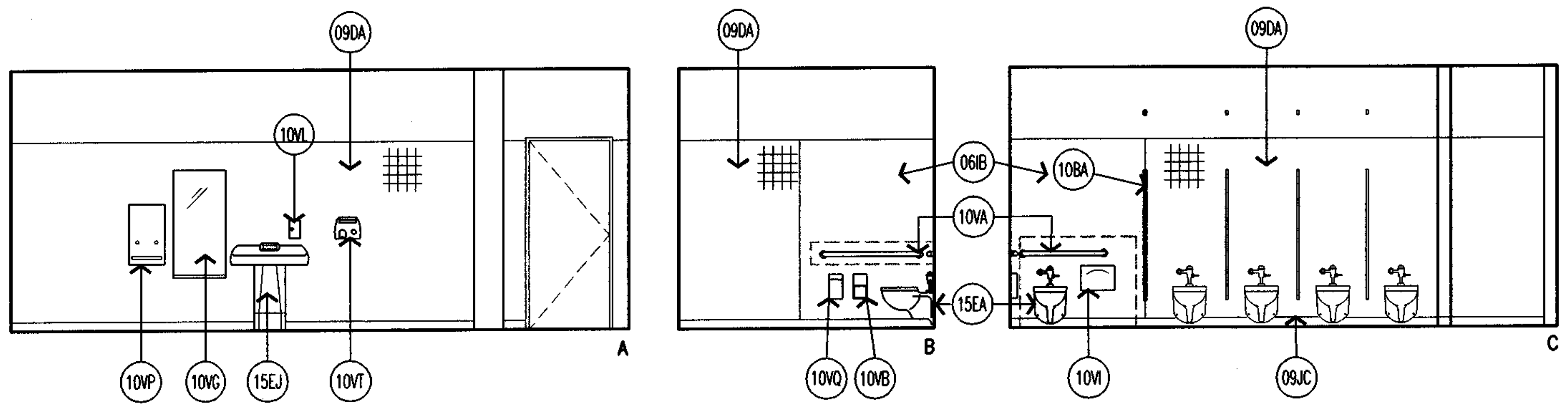
INTERIOR ELEVATIONS F12 1/4" 3



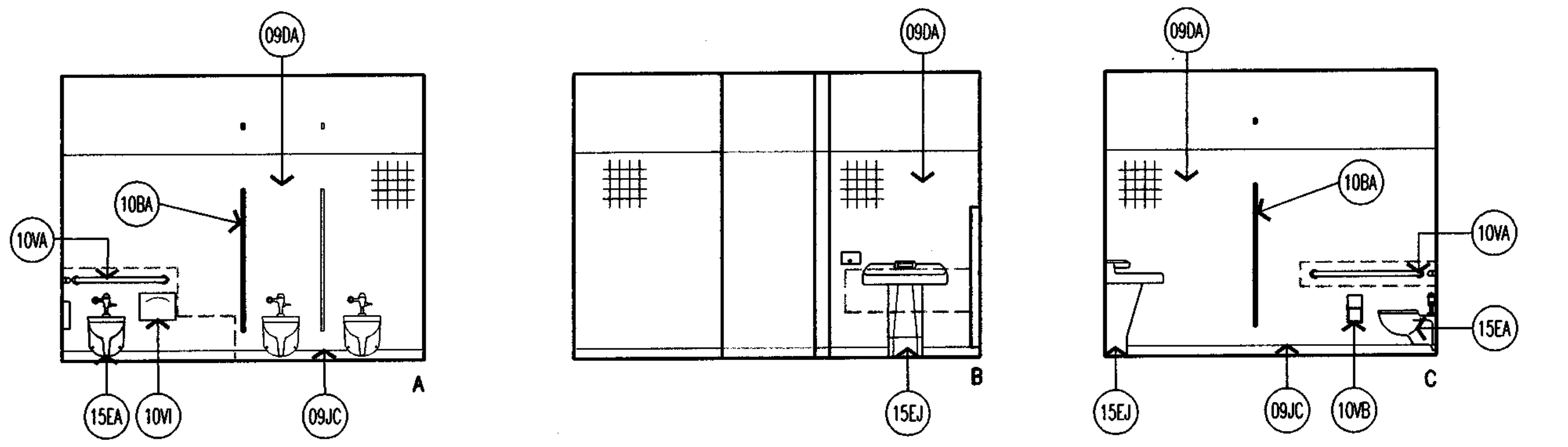
INTERIOR ELEVATIONS O18 1/4" 13



INTERIOR ELEVATIONS C6 1/4" 5

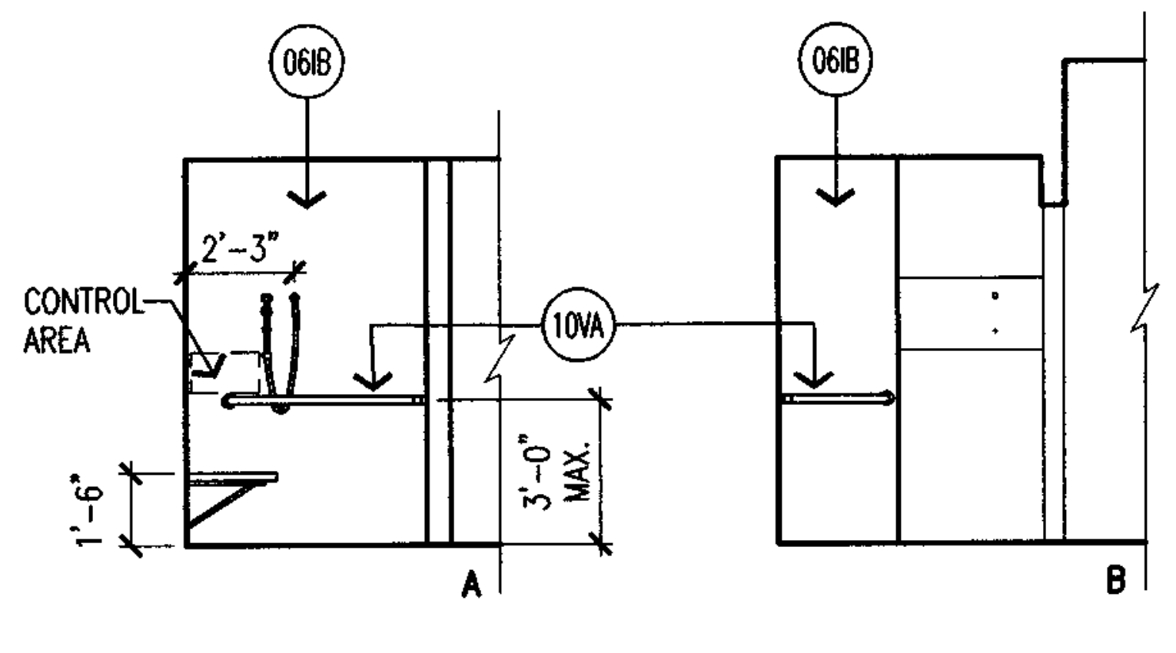


INTERIOR ELEVATIONS O11 1/4" 14

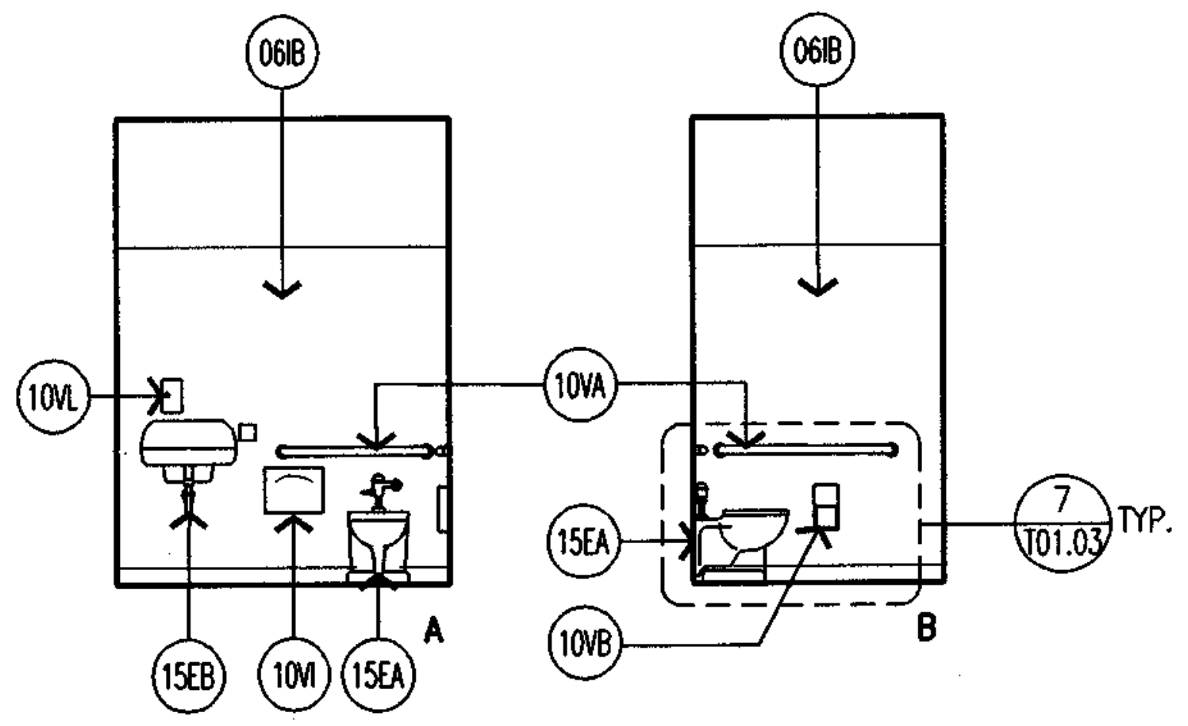


INTERIOR ELEVATIONS C7 1/4" 6

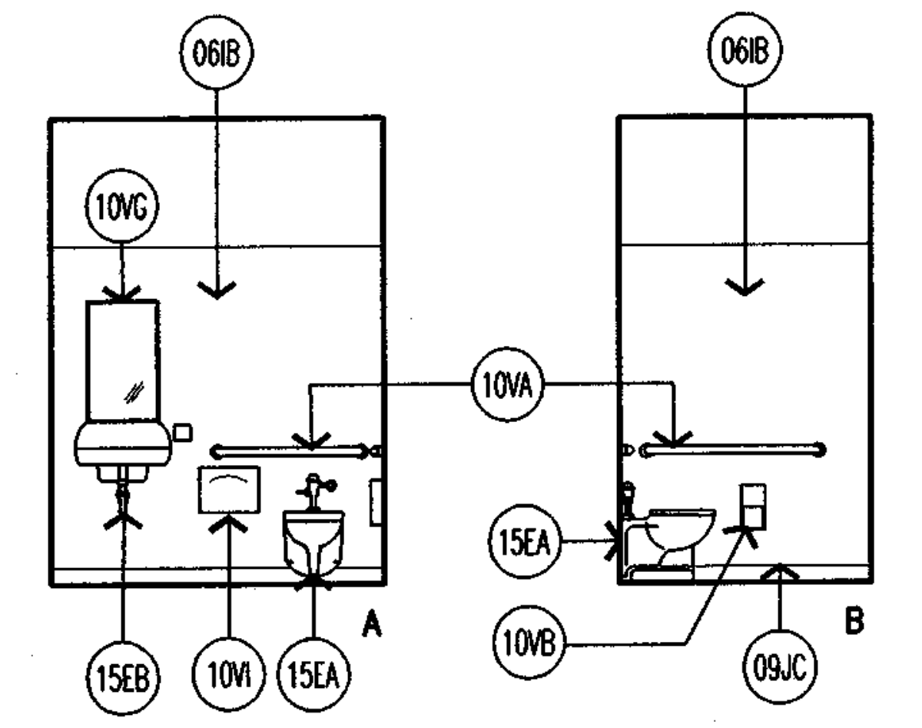
NOT USED SCALE 17



INTERIOR ELEVATIONS O19 1/4" 15



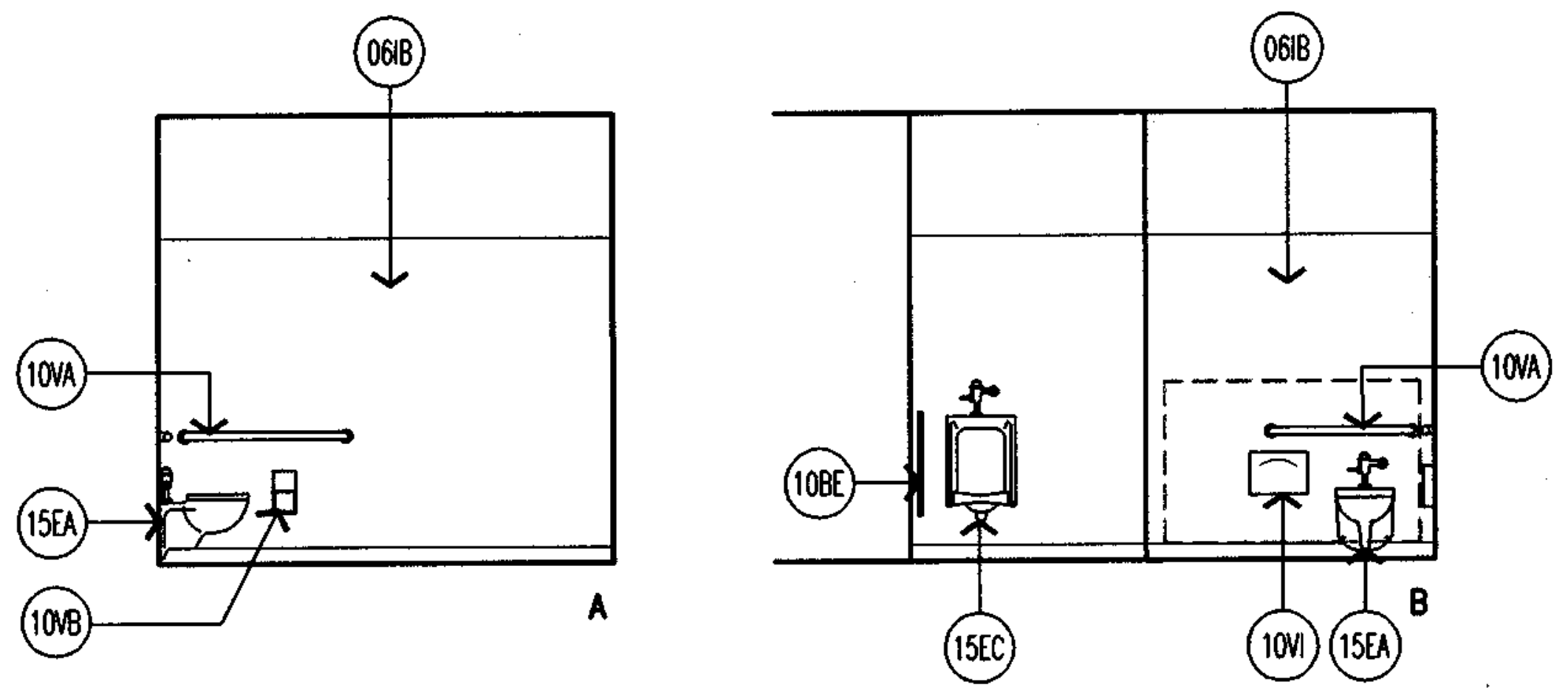
INTERIOR ELEVATIONS A15 (A16 SIM) 1/4" 8



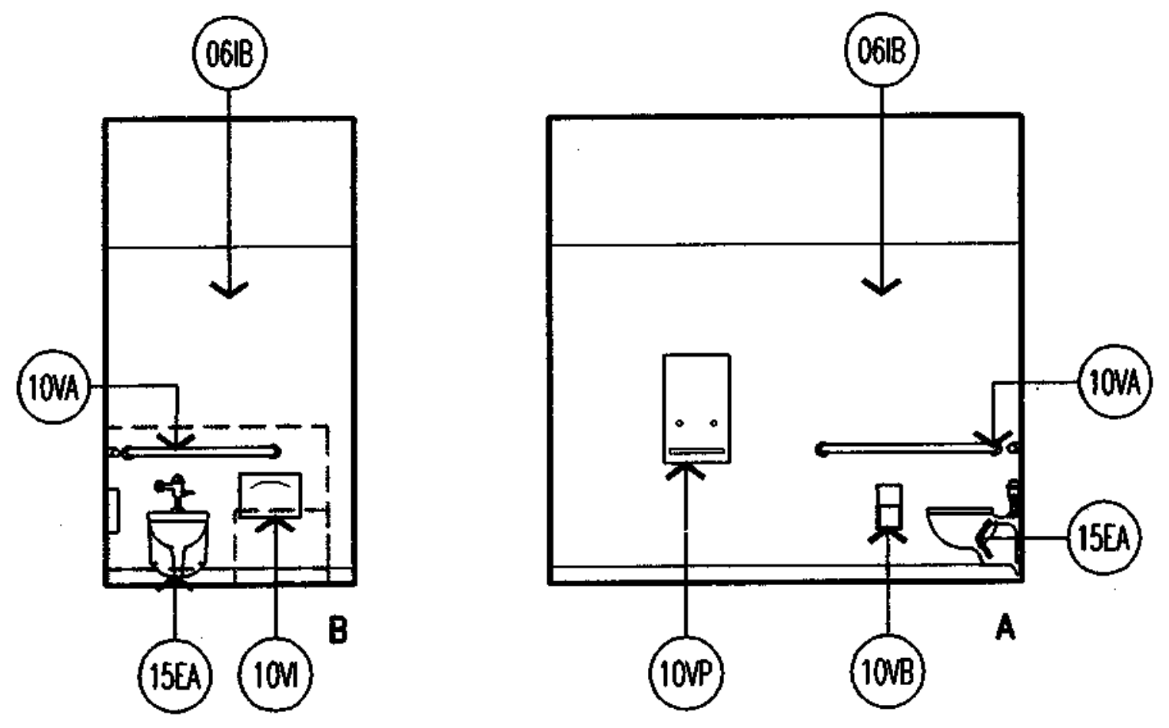
INTERIOR ELEVATIONS A12 1/4" 7

NOT USED SCALE 18

NOT USED SCALE 16



INTERIOR ELEVATION O19 1/4" 10



INTERIOR ELEVATION O1 1/4" 9

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

ELEVATIONS

1. INTERIOR ELEVATIONS SHOW ALL ITEMS MOUNTED ON THE INTERIOR SURFACE OF THE WORK.

1.1 CONTRACTOR WILL COORDINATE ACCESS DOORS AND PANELS NOT SHOWN ON THE ELEVATION WITH THE ARCHITECT.

2. SEE 1/T01.01 FOR TOILET ROOM ACCESSORY MOUNTING HEIGHTS.

3. ADDITIONAL SHEATHING AND FINISH WORK MAY BE REQUIRED BEYOND THAT SHOWN ON THESE ELEVATIONS FOR BLOCKING INSTALLATION. SEE DWGS. 9 & 10/A09.01

4. PATCH TILE AT REMOVED FIXTURE TO MATCH ADJACENT SURFACES. W.O.

KEY NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
06IB	GLASS FIBER REINFORCED PLASTIC 06600	
09CA	GYPSUM BOARD 09260	
09DA	(E) CERAMIC WALL TILE 09310	1
09JA	RUBBER BASE 09650	
09JC	~~SHEET VINYL FLOORING 09650~~ POLISHED RESIN TERRAZZO	
10AE	FIXED MARKERBOARDS 10100	
10BA	METAL TOILET COMPARTMENTS 10160	7&8/A9.02
10BE	URINAL PRIVACY SCREEN 10160	
10VA	GRAB BARS 10800	
10VB	TOILET TISSUE HOLDERS 10800	
10VG	MIRROR 10800	
10VI	SEAT COVER DISPENSER 10800	
10VL	SOAP DISPENSER 10800	
10VP	SANITARY NAPKIN DISPENSER 10800	
10VQ	SANITARY NAPKIN DISPOSER 10800	
10VT	HAND DRYER 10800	
15EA	WATER CLOSET DIV 15	
15EB	LAVATORY DIV 15	
15EC	URINAL DIV 15	
15EJ	WASH FOUNTAIN DIV 15	

BOARD/FRAME SCHEDULE

FIXED MARKERBOARDS 10100 - SEE DET. 2/A09.XX:

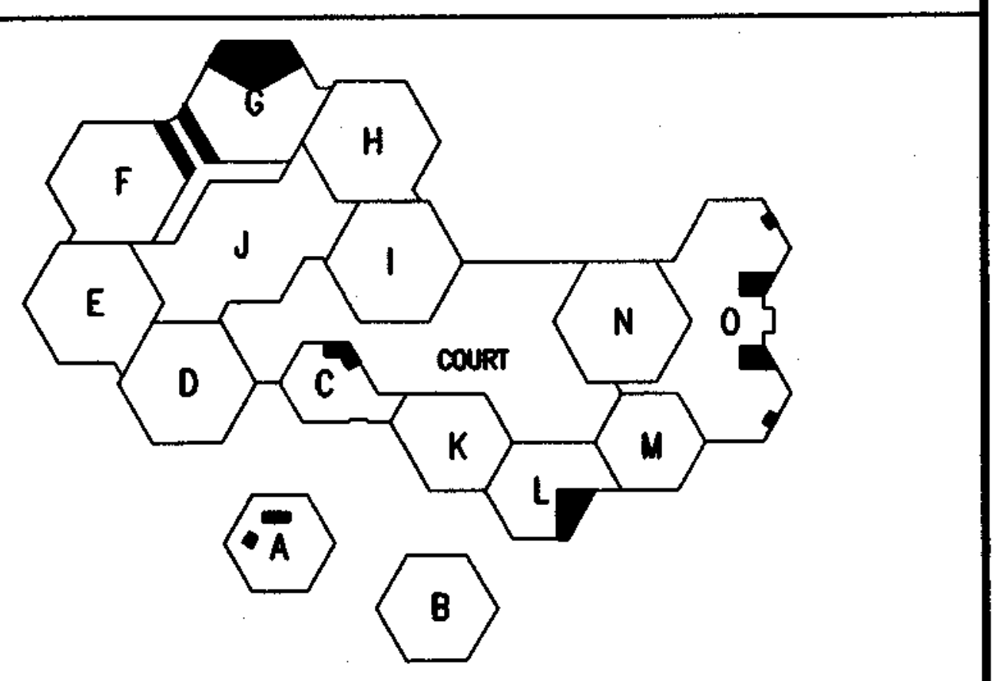
10AE 1 TYPE 1: 8 FEET X 4 FEET

FIXED TACKBOARDS 10100 - SEE DET. 2/A09.XX:

10AI 1 TYPE 1: 8 FEET X 4 FEET

10AI 2 TYPE 2: 10 FEET X 4 FEET

KEY PLAN



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EXP: 12/31/99

ARCHITECT'S STAMP

CONSULTANT'S STAMP

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ FLS ___ SS ___ DATE
APPL. NO. 01-101836

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

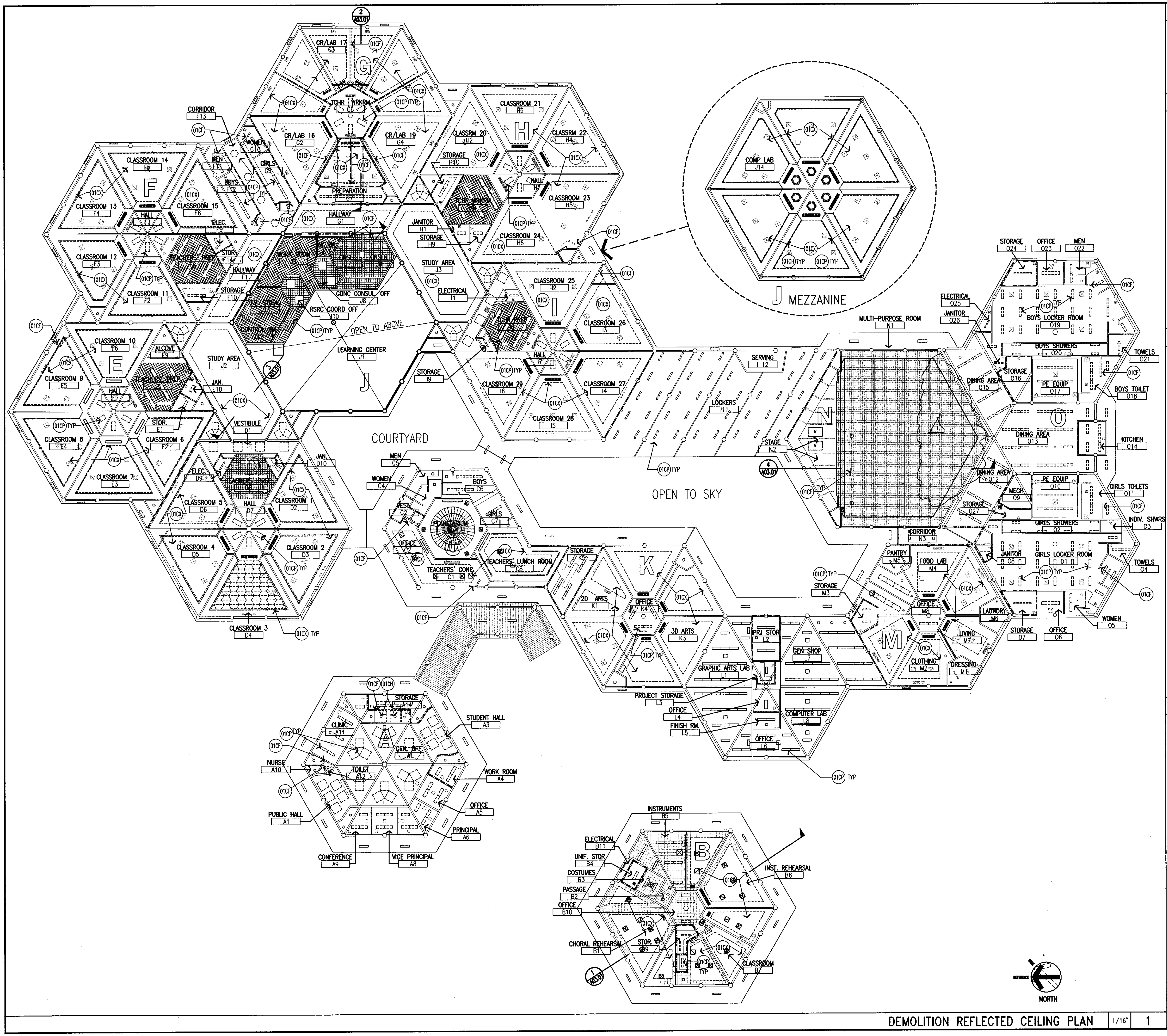
INTERIOR ELEVATIONS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

A05.01

JOB NO: 99041B OF SHEETS



DEMOLITION REFLECTED CEILING PLAN 1/16" 1

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. REMOVE EXISTING CEILING AS NECESSARY.
2. DASHED OR DOTTED LINES DENOTE EXISTING TO BE REMOVED OR RELOCATED.

DEMO NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
01CF	REMOVE PARTITION OR PARTITION SEGMENT	
01CH	REMOVE CEILING	
01CP	REMOVE LIGHT FIXTURE, S.E.D.	
01CX	REMOVE LUMINOUS CEILING LENS	

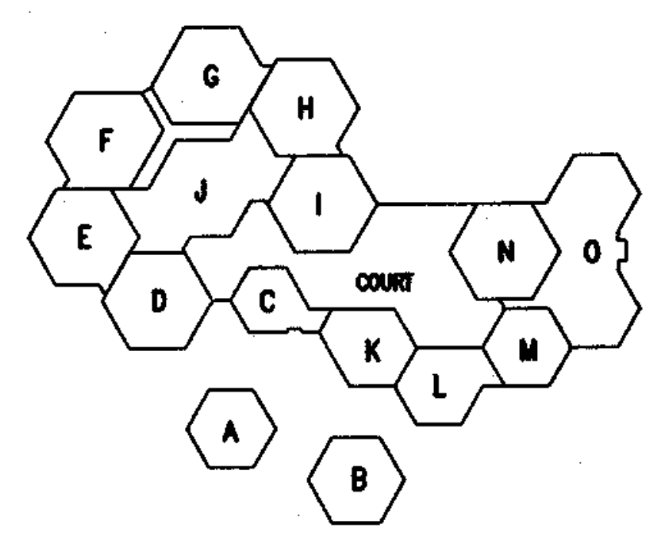
SYMBOLS

⊞	(N) RECESSED 2'X2' FLUOR. LIGHT FIXTURE (S.E.D.)
⊞	(N) RECESSED 2'X4' FLUOR. LIGHT FIXTURE (S.E.D.)
S	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE (S.E.D.)
⬡	(E) LIGHT FIXTURES
⊗	ILLUMINATED EXIT SIGN (S.E.D.)
◆	AUTOMATIC FIRE SPRINKLERHEAD (S.P.D.)
Ⓗ	HEAT DETECTOR (S.E.D.)
Ⓢ	SMOKE DETECTOR (S.E.D.)
⊠	AIR SUPPLY DIFFUSER (S.M.D.)
⧄	AIR RETURN GRILLE (S.M.D.)
⊠	AIR EXHAUST GRILLE (S.M.D.)
▭	LINEAR AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE (S.M.D.)
A.D.	ACCESS DOOR
▨	SUSPENDED GYP. BD. CEILING
▦	(E) 12"X12" ACOUSTICAL TILE CEILING
⊞	(N) SUSP. 2'X4' ACOUSTICAL PANEL CLG.
V	EXHAUST VENT (E)

WALL TYPES

======	(E) WALL OR PARTITION TO BE REMOVED
═	(E) NON-RATED PARTITION
▬	(N) NON-RATED PARTITION
▮▯▮▯	(E) 1 HR FIRE-RATED PARTITION
▮▯▮▯	(N) 1 HR FIRE-RATED PARTITION
▮▯▯▮	(E) 2 HR FIRE-RATED PARTITION
▮▯▯▮	(N) 2 HR FIRE-RATED PARTITION

KEY PLAN



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DIV OF THE STATE ARCHITECT
AC____ F/LS____ SS____
APPL NO 01-101836 DATE 1/7/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

DEMOLITION REFLECTED CEILING PLAN

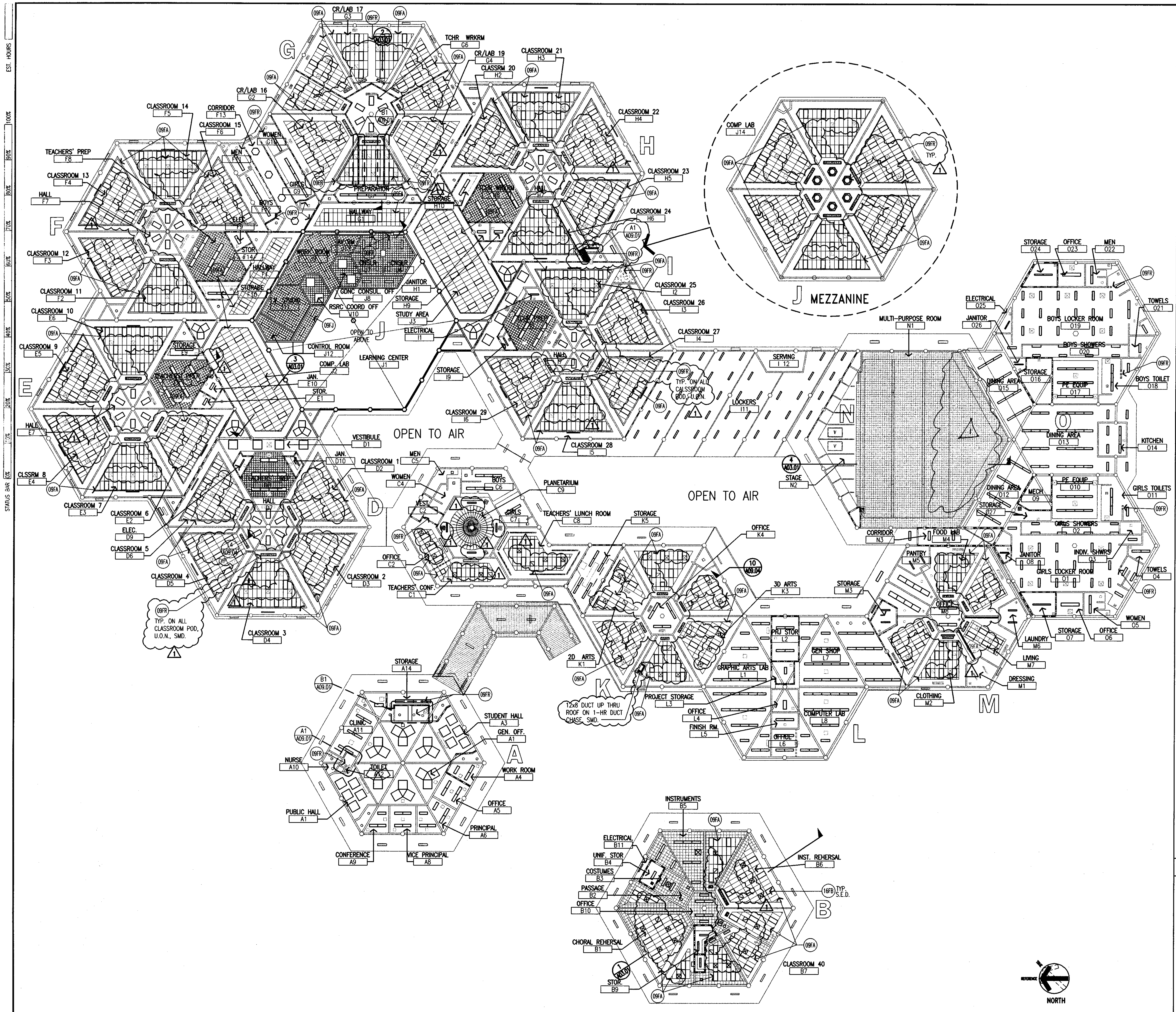
DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: TFE CHECKED BY: SP

AD06.01

JOB NO: 99041B OF SHEETS

STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% EST. HOURS



SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. REFLECTED CEILING PLANS SHOW CEILING LAYOUT, LIGHTING FIXTURES, MECHANICAL DIFFUSERS AND GRILLES, DETAIL REFERENCES, AND NON-STANDARD CEILING AND SOFFIT HEIGHTS.

1.1 CONTRACTOR WILL COORDINATE ACCESS DOORS AND PANELS NOT SHOWN ON THE REFLECTED CEILING PLAN WITH THE REFLECTED CEILING PLAN PATTERN.

1.2. REMOVE EXISTING CEILING AS NECESSARY. RETURN TO ORIGINAL CONDITION AT COMPLETION OF THE WORK.

1.3. AFTER INSTALLATION OF CONCEALED WORK, REINSTALL REMOVED CEILING OR NEW CEILING AND/OR PATCH AND REFINISH TO MATCH ADJACENT.

2. WHERE A NEW CEILING IS NOT SCHEDULED, INSTALL NEW CONDUITS AND PIPES IN EVERY CASE, AND NEW DUCTS WHERE POSSIBLE, ABOVE THE EXISTING CEILING.

3. SEE ELECTRICAL DRAWINGS FOR LIGHT FIXTURES NOT SHOWN.

4. SEE MECHANICAL DRAWINGS FOR CLG. MECH. EQUIP. NOT SHOWN.

KEY NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

KEY NOTE	DESCRIPTION OF WORK	DETAIL REF.
09FA	ACOUSTICAL CEILINGS, PROVIDE FIRE RATED ASSEMBLY 09510	
09FJ	(E) ADHESIVE APPLIED ACOUSTICAL TILE 09512	
09FR	CEILING ASSEMBLY RESTORATION 09260	
16FB	RECESSED LIGHT FIXTURE DIV 16	

SYMBOLS

- (N) RECESSED 2'X2' FLUOR. LIGHT FIXTURE (S.E.D.)
- (N) RECESSED 2'X4' FLUOR. LIGHT FIXTURE (S.E.D.)
- S SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE (S.E.D.)
- (E) LIGHT FIXTURES
- ⊗ ILLUMINATED EXIT SIGN (S.E.D.)
- AUTOMATIC FIRE SPRINKLERHEAD (S.P.D.)
- Ⓗ HEAT DETECTOR (S.E.D.)
- Ⓢ SMOKE DETECTOR (S.E.D.)
- ☒ AIR SUPPLY DIFFUSER (S.M.D.)
- AIR RETURN GRILLE (S.M.D.)
- AIR EXHAUST GRILLE (S.M.D.)
- LINEAR AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE (S.M.D.)
- A.D. ACCESS DOOR
- SUSPENDED GYP. BD. CEILING
- (E) (N) 12"X12" ACOUSTICAL TILE CEILING GLUED ON TO GYP. BD. UNDERLAYMENT
- (N) SUSP. 2'X4' ACOUSTICAL PANEL CLG.
- V EXHAUST VENT (E)

KEY PLAN

- (E) NON-RATED PARTITION
- (N) NON-RATED PARTITION
- (E) 1 HR FIRE-RATED PARTITION
- (N) 1 HR FIRE-RATED PARTITION
- (E) 2 HR FIRE-RATED PARTITION
- (N) 2 HR FIRE-RATED PARTITION

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APPL NO. 01-101836 DATE 11/17/03

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DATE____

AUTHORITY APPROVAL

REFLECTED CEILING PLAN

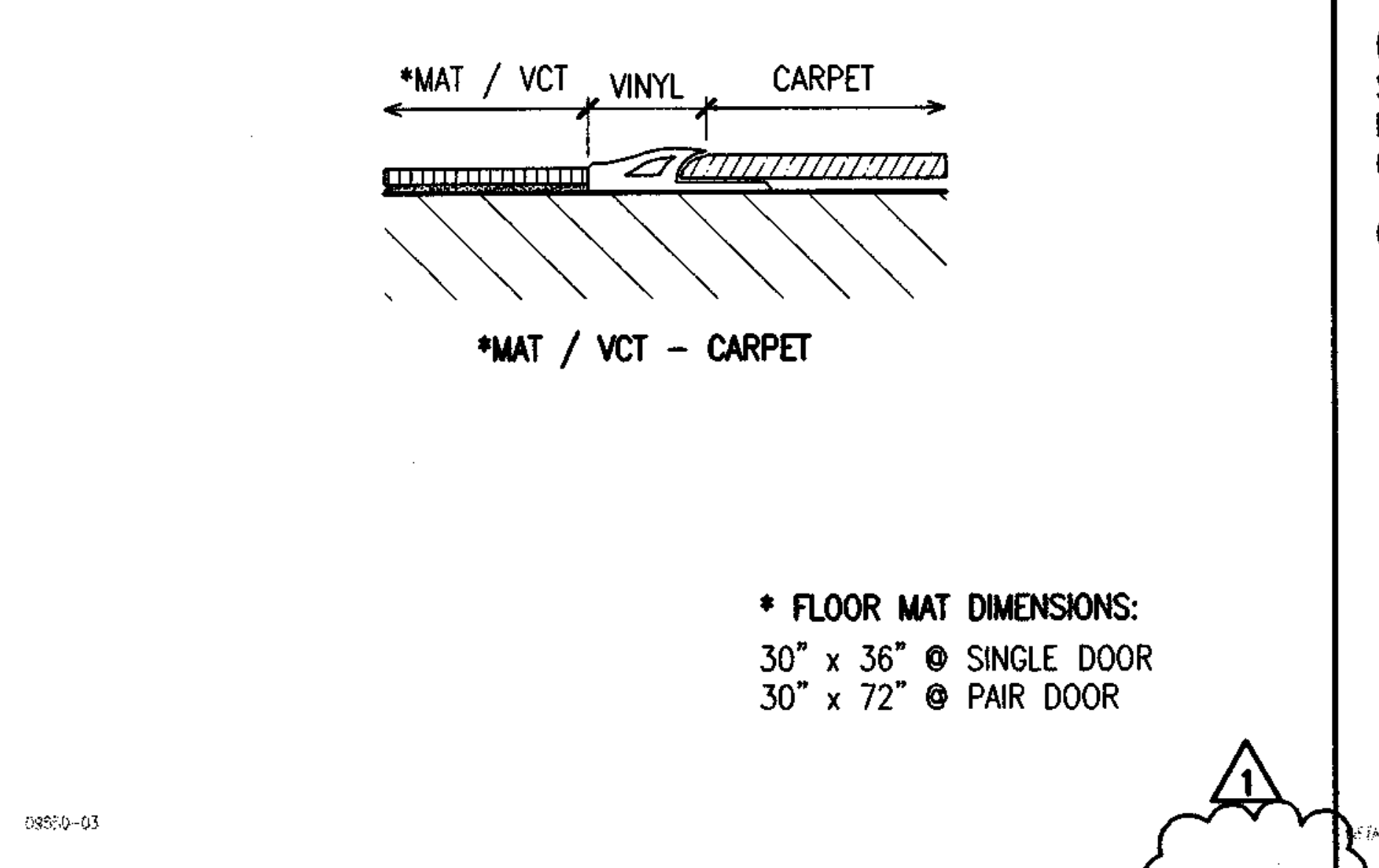
DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: TE CHECKED BY: SP

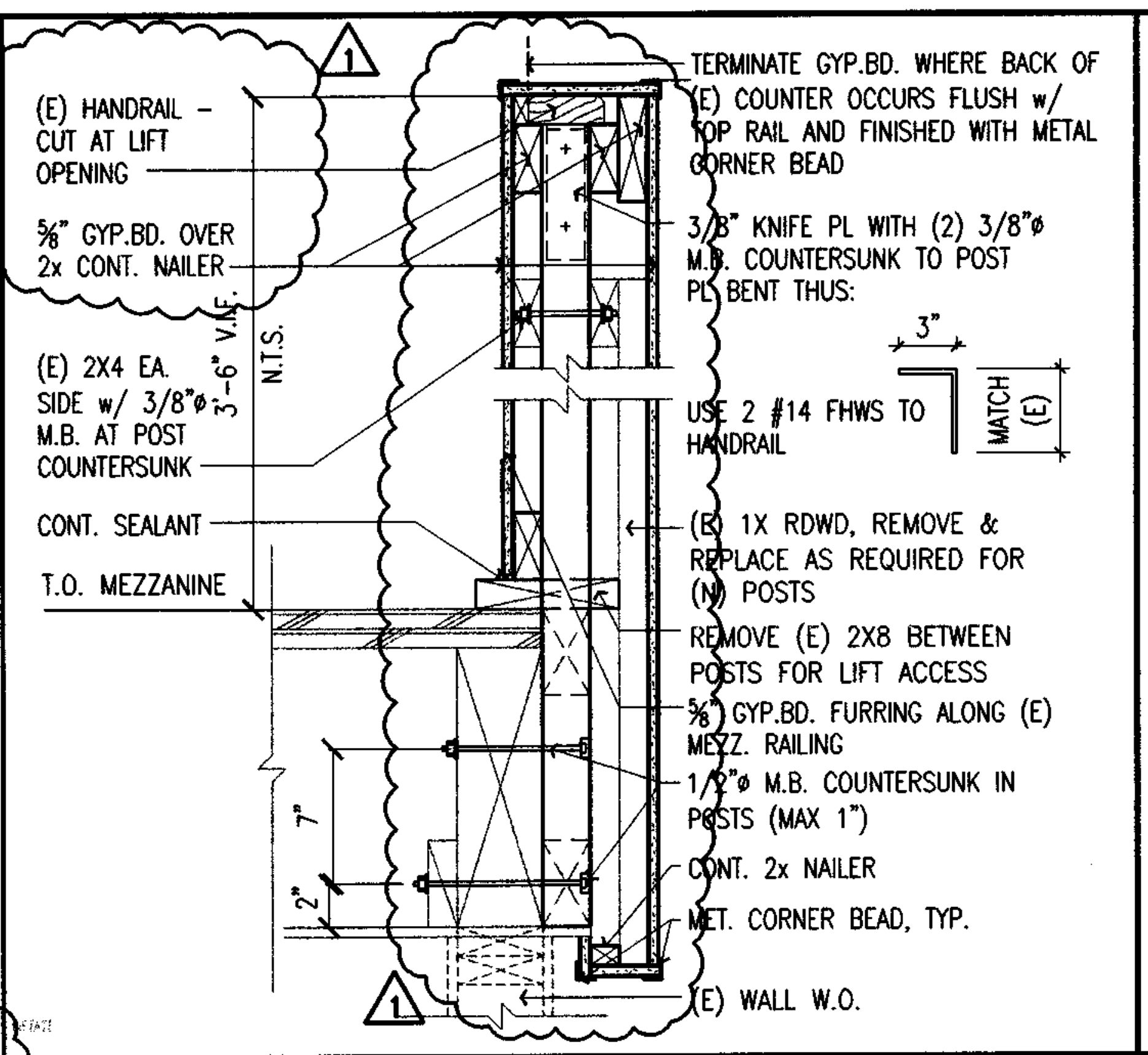
A06.01

JOB NO: 99041B OF SHEETS

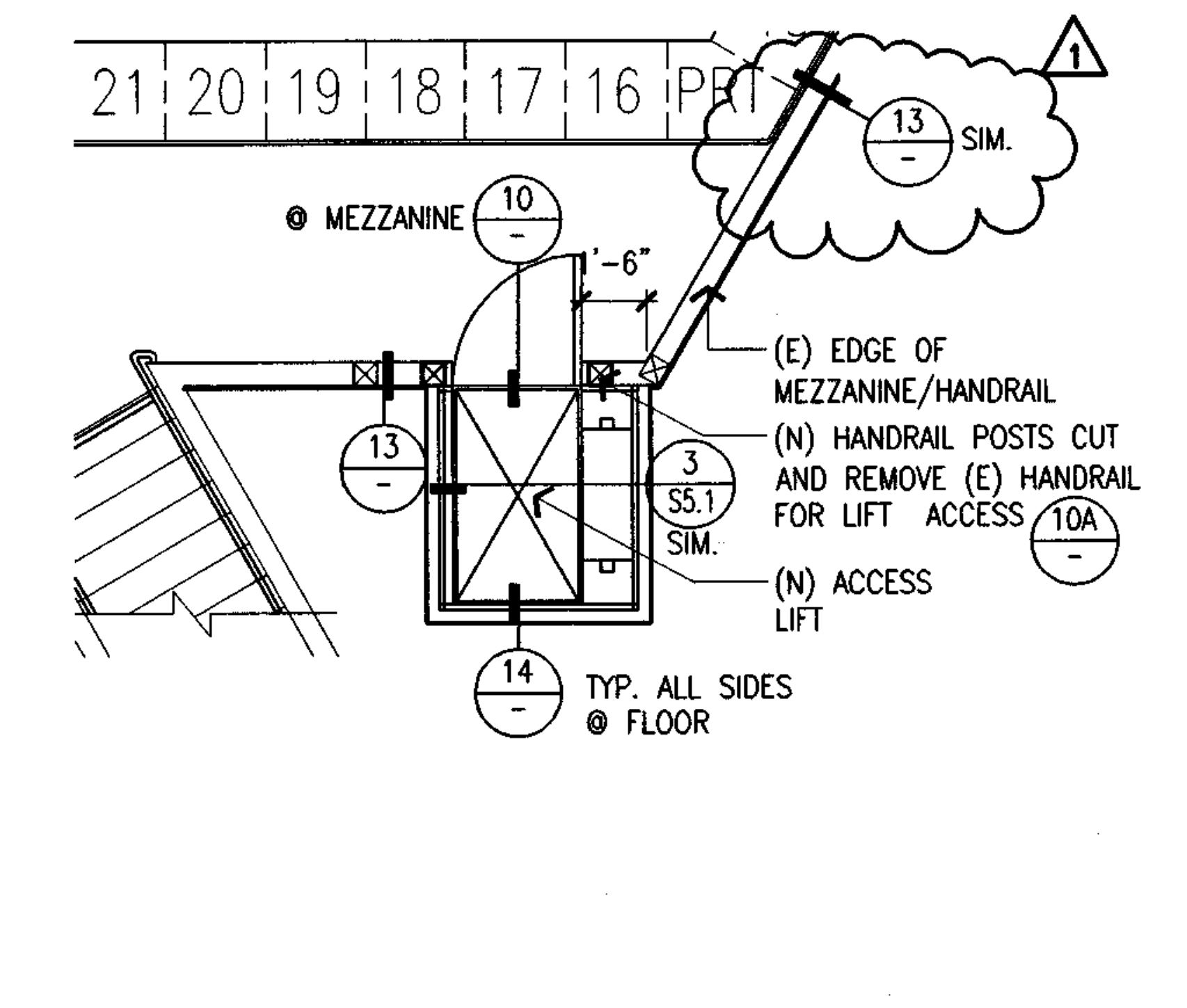
REFLECTED CEILING PLAN 1/16" 1



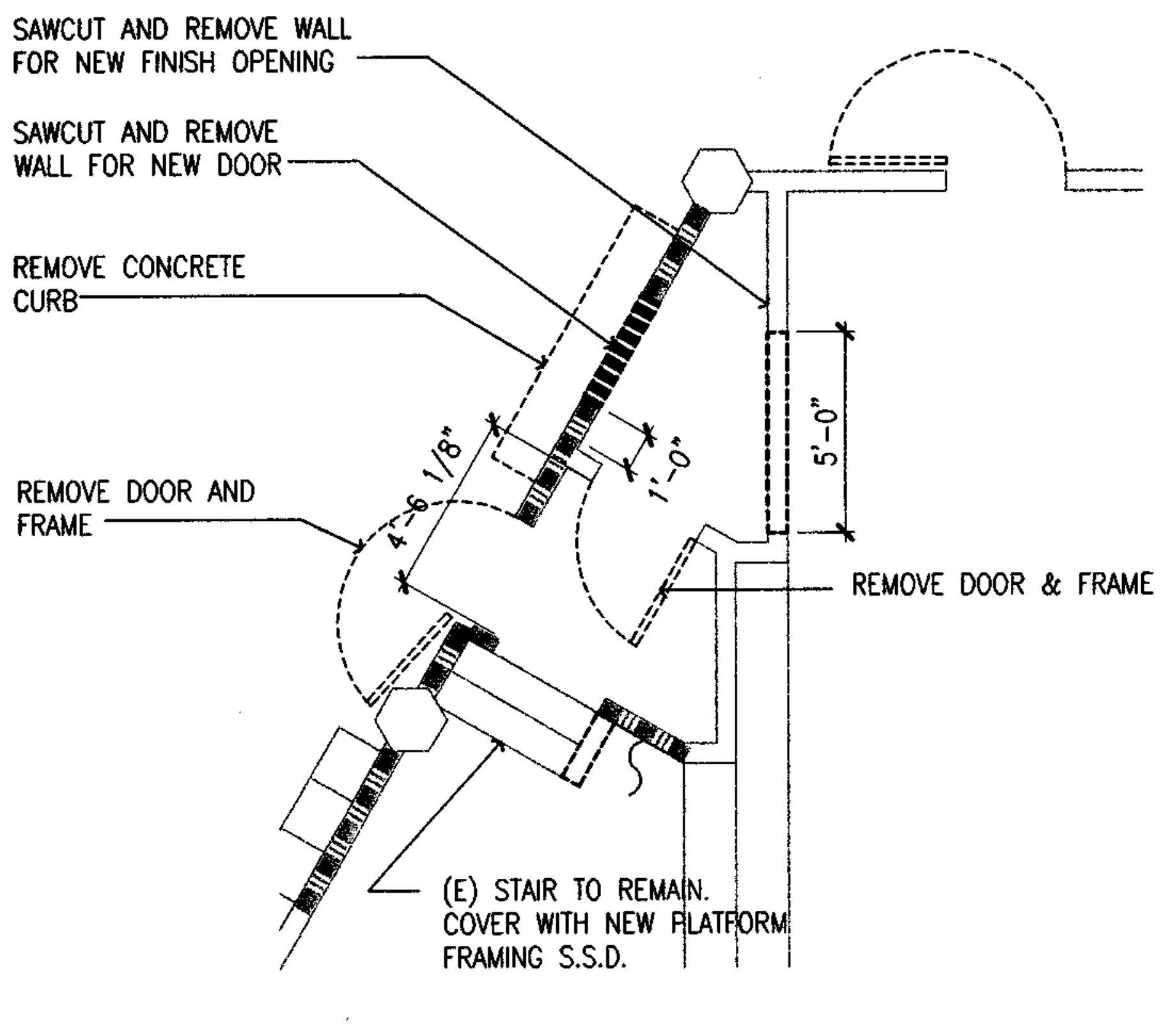
FLOOR TRANSITION NTS 17


(E) HANDRAIL - CUT AT LIFT OPENING
5/8" GYP.BD. OVER 2x CONT. NAILER
(E) 2X4 EA. SIDE w/ 3/8"ø M.B. AT POST COUNTERSUNK
CONT. SEALANT
T.O. MEZZANINE
N.T.S.
3'-6" V.I.F.
7"
2"
1
TERMINATE GYP.BD. WHERE BACK OF (E) COUNTER OCCURS FLUSH w/ TOP RAIL AND FINISHED WITH METAL CORNER BEAD
3/8" KNIFE PL WITH (2) 3/8"ø M.B. COUNTERSUNK TO POST PL BENT THUS:
3"
MATCH (E)
USE 2 #14 FHWS TO HANDRAIL
(E) 1X RDWD, REMOVE & REPLACE AS REQUIRED FOR (N) POSTS
REMOVE (E) 2X8 BETWEEN POSTS FOR LIFT ACCESS
5/8" GYP.BD. FURRING ALONG (E) MEZZ. RAILING
1 1/2"ø M.B. COUNTERSUNK IN POSTS (MAX 1")
CONT. 2x NAILER
MET. CORNER BEAD, TYP.
(E) WALL W.O.

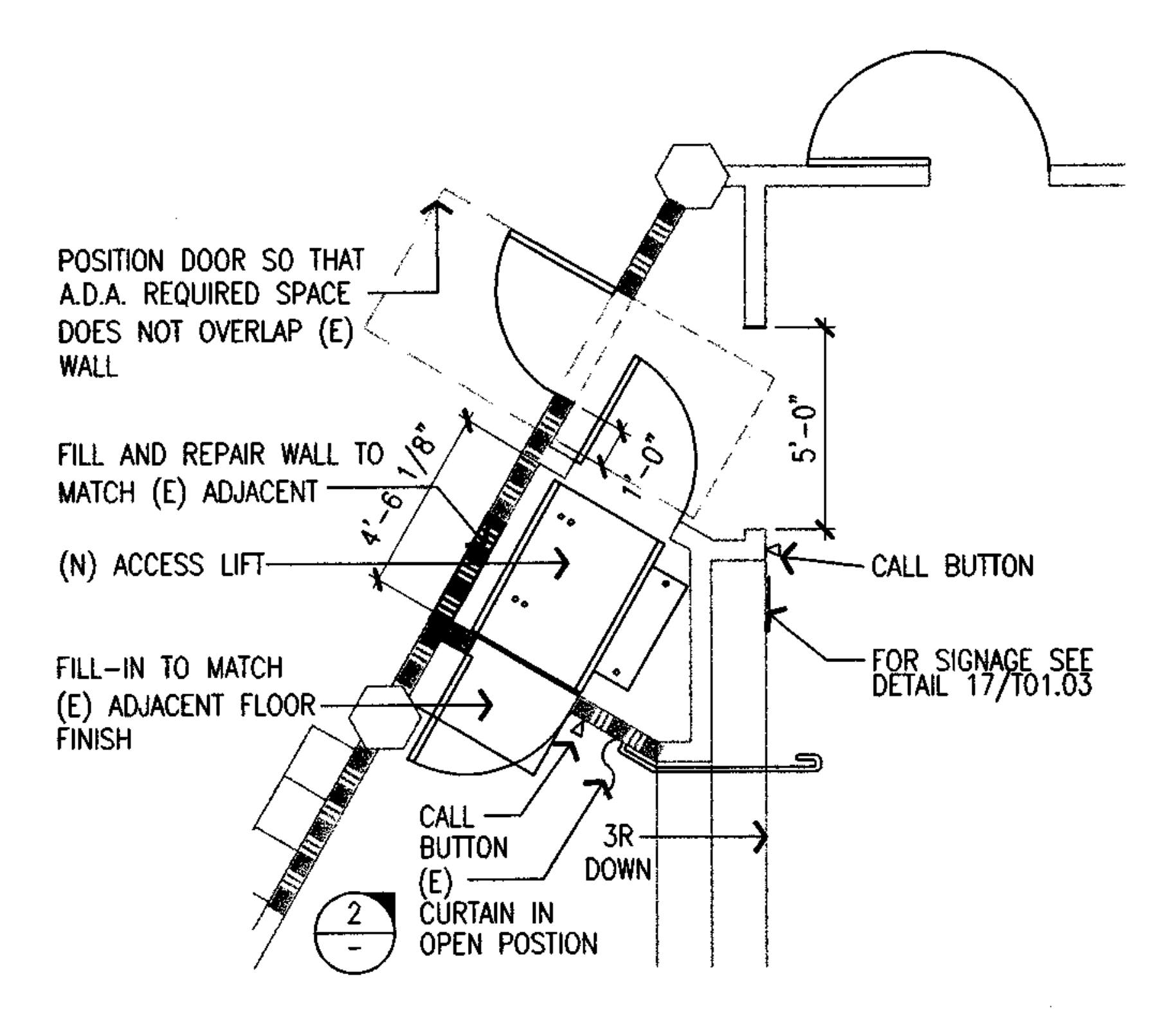
(N)POST @ GUARDRAIL & FURRING 1 1/2" 13


21 20 19 18 17 16 PRT
1
13 SIM.
@ MEZZANINE 10
1'-6"
13
3 S5.1 SIM.
14 TYP. ALL SIDES @ FLOOR
(E) EDGE OF MEZZANINE/HANDRAIL
(N) HANDRAIL POSTS CUT AND REMOVE (E) HANDRAIL FOR LIFT ACCESS 10A
(N) ACCESS LIFT

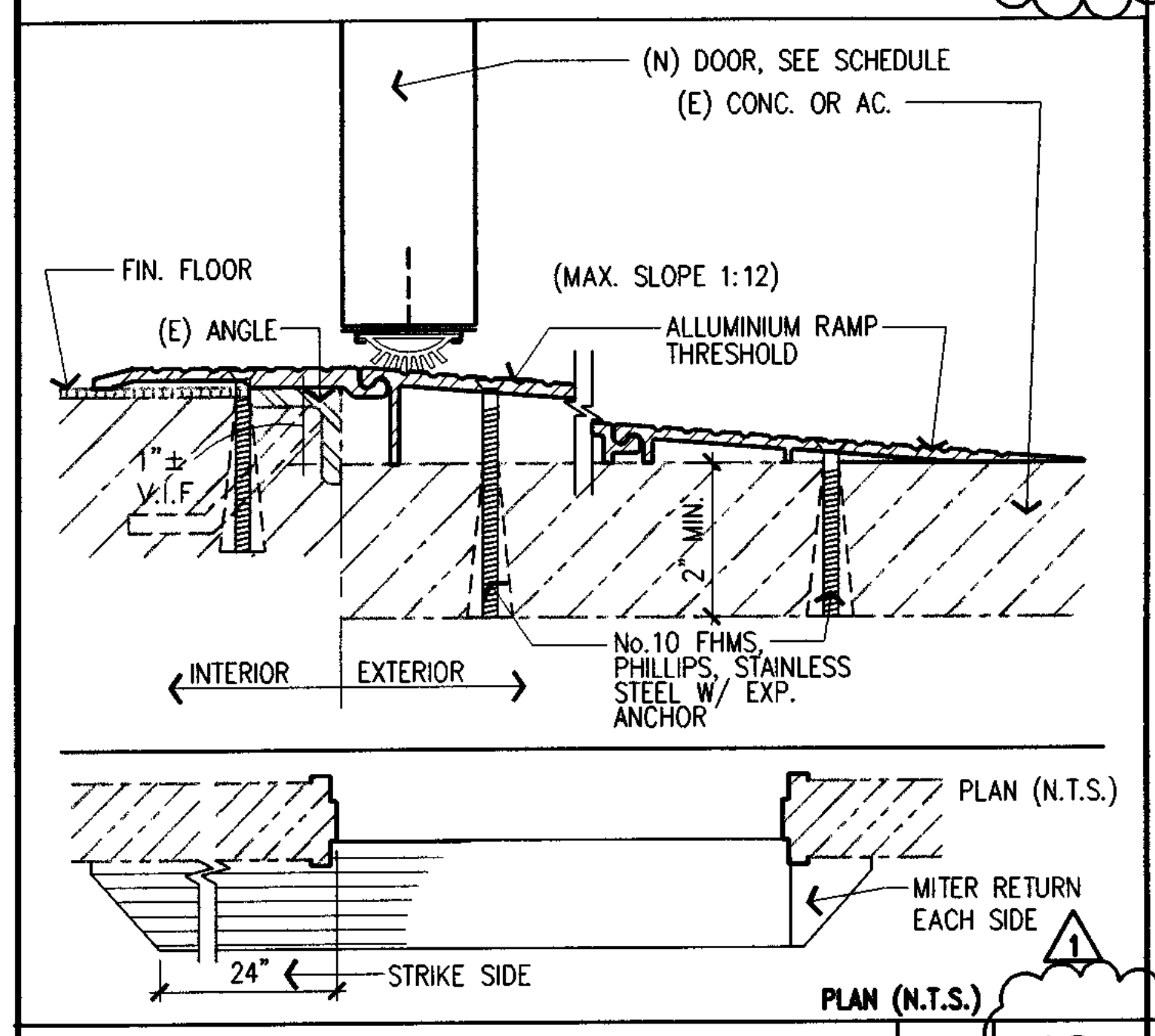
J 14 - MEZZANINE LIFT 1/4" 9


SAWCUT AND REMOVE WALL FOR NEW FINISH OPENING
SAWCUT AND REMOVE WALL FOR NEW DOOR
REMOVE CONCRETE CURB
REMOVE DOOR AND FRAME
4'-6 1/8"
1'-0"
5'-0"
REMOVE DOOR & FRAME
(E) STAIR TO REMAIN. COVER WITH NEW PLATFORM FRAMING S.S.D.

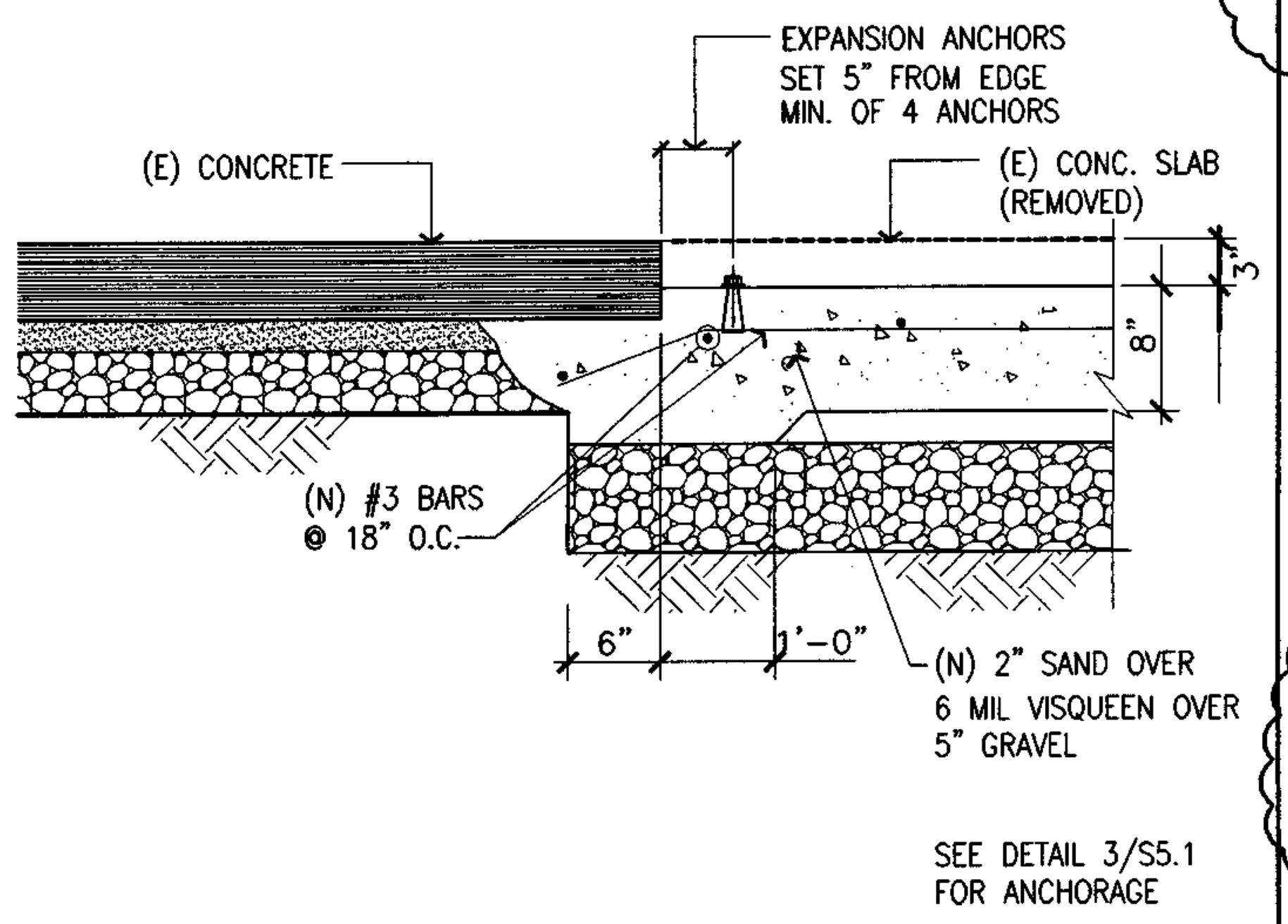
DEMO AT WHEELCHAIR LIFT 1/4" 5


POSITION DOOR SO THAT A.D.A. REQUIRED SPACE DOES NOT OVERLAP (E) WALL
FILL AND REPAIR WALL TO MATCH (E) ADJACENT
(N) ACCESS LIFT
FILL-IN TO MATCH (E) ADJACENT FLOOR FINISH
4'-6 1/8"
5'-0"
CALL BUTTON
FOR SIGNAGE SEE DETAIL 17/101.03
CALL BUTTON
(E) CURTAIN IN OPEN POSTION
3R DOWN
2

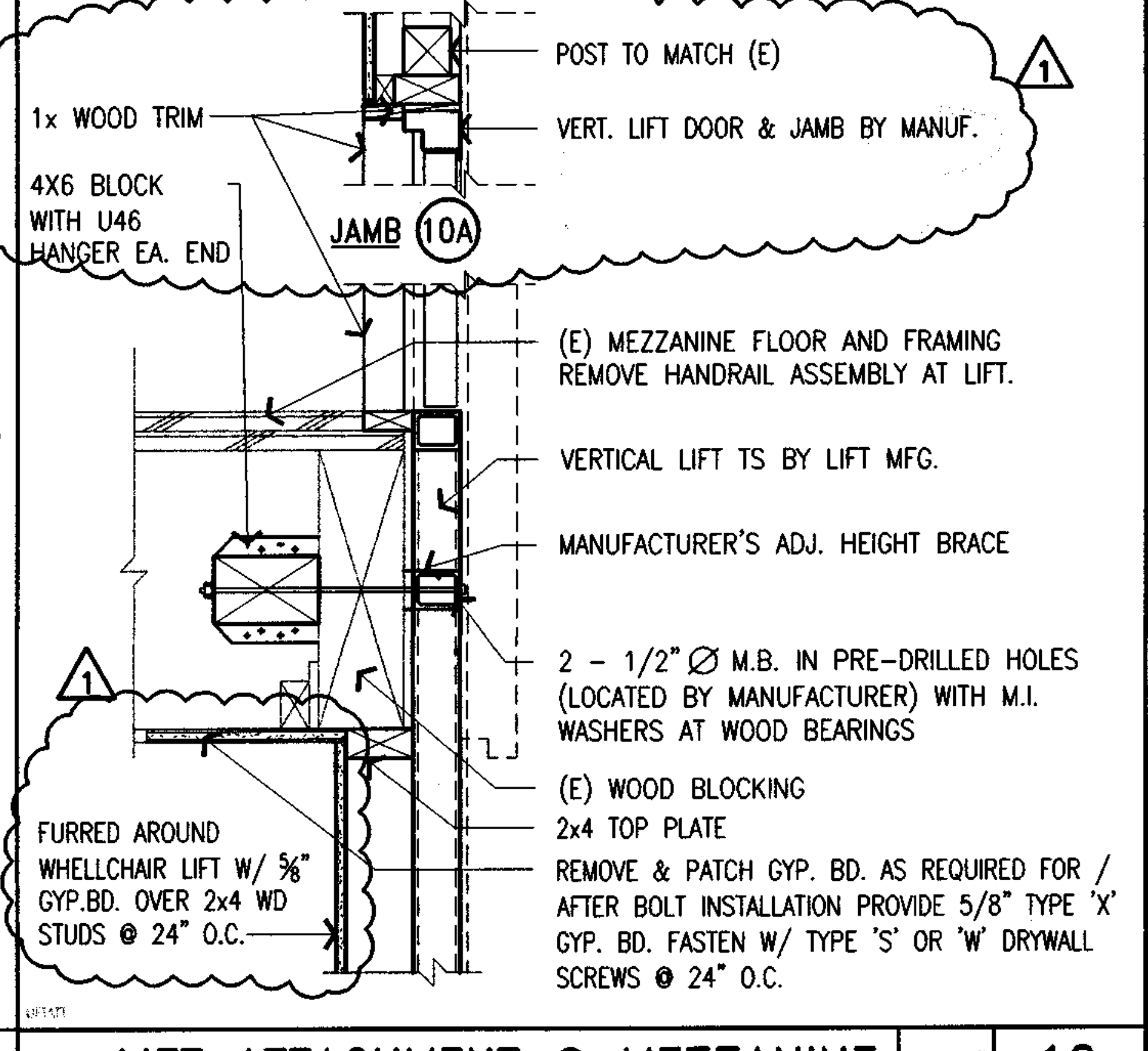
STAGE N2 - WHEELCHAIR LIFT 1/4" 1



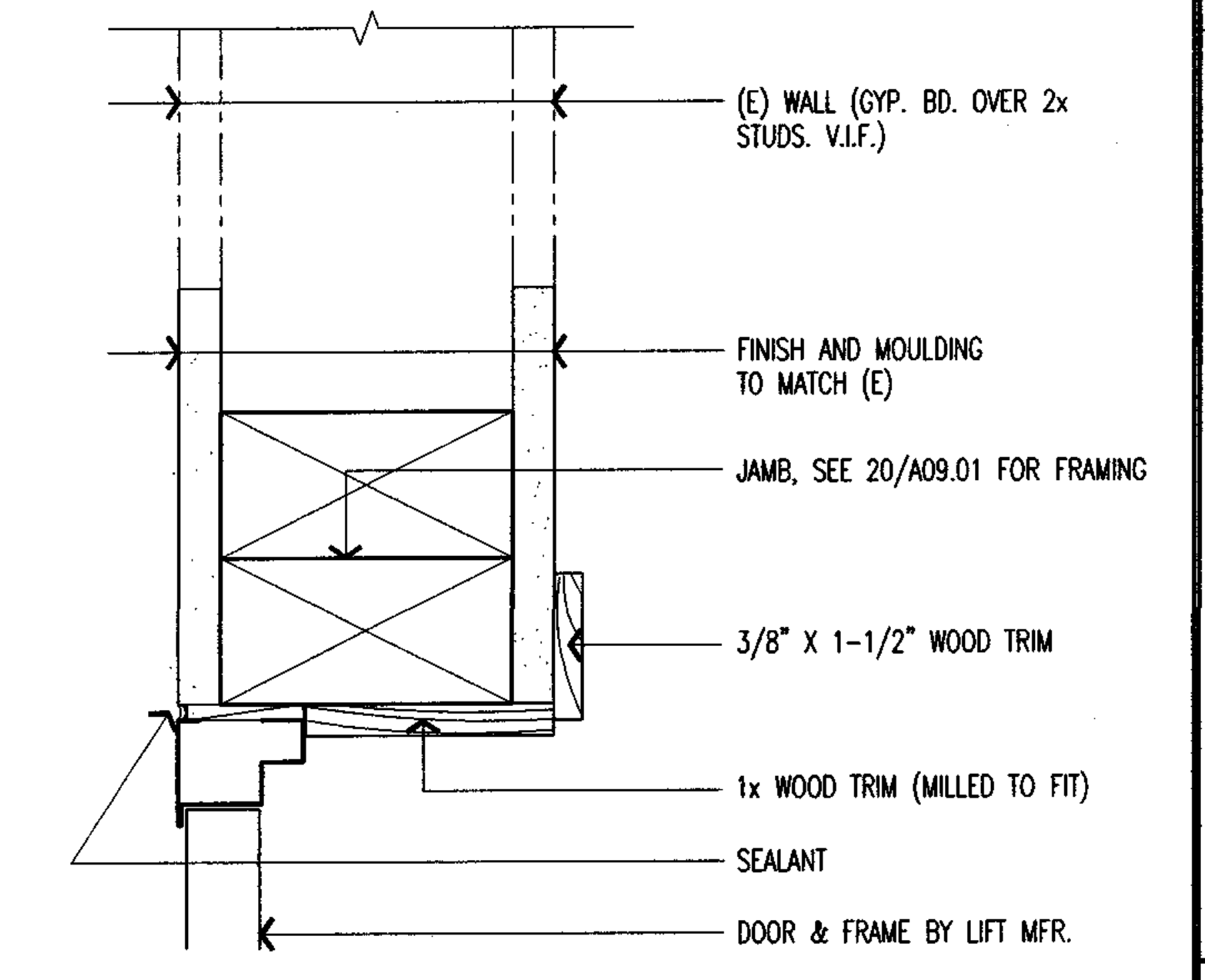
DOOR RAMP THRESHOLD 6" 18


EXPANSION ANCHORS SET 5" FROM EDGE MIN. OF 4 ANCHORS
(E) CONCRETE
(E) CONC. SLAB (REMOVED)
3"
8"
(N) #3 BARS @ 18" O.C.
6"
1'-0"
(N) 2" SAND OVER 6 MIL VISQUEEN OVER 5" GRAVEL
SEE DETAIL 3/S5.1 FOR ANCHORAGE

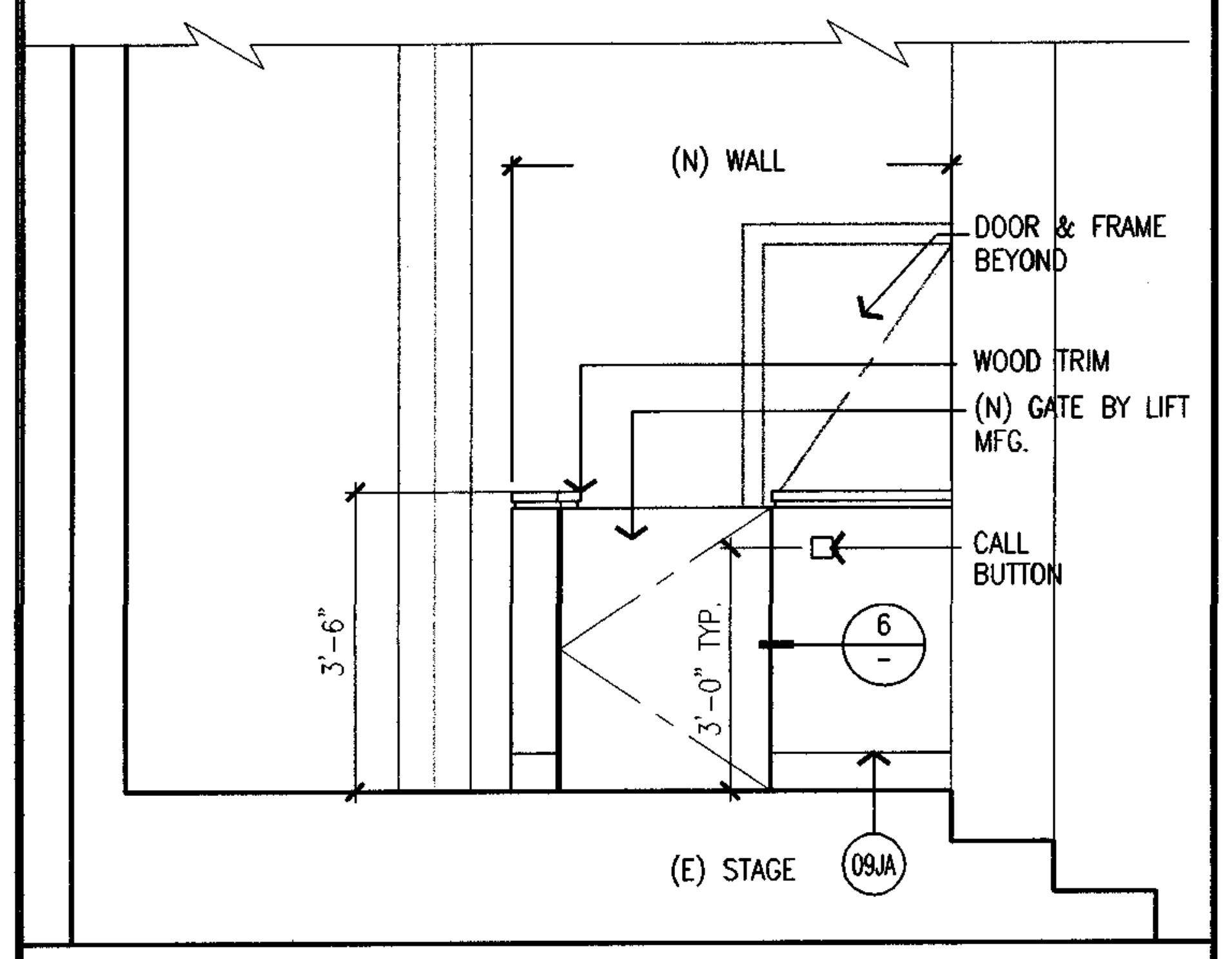
SLAB DETAIL 1" 14


1x WOOD TRIM
4X6 BLOCK WITH U46 HANGER EA. END
JAMB 10A
POST TO MATCH (E)
VERT. LIFT DOOR & JAMB BY MANUF.
1
(E) MEZZANINE FLOOR AND FRAMING REMOVE HANDRAIL ASSEMBLY AT LIFT.
VERTICAL LIFT TS BY LIFT MFG.
MANUFACTURER'S ADJ. HEIGHT BRACE
2 - 1/2" Ø M.B. IN PRE-DRILLED HOLES (LOCATED BY MANUFACTURER) WITH M.I. WASHERS AT WOOD BEARINGS
(E) WOOD BLOCKING
2x4 TOP PLATE
REMOVE & PATCH GYP. BD. AS REQUIRED FOR / AFTER BOLT INSTALLATION PROVIDE 5/8" TYPE 'X' GYP. BD. FASTEN W/ TYPE 'S' OR 'W' DRYWALL SCREWS @ 24" O.C.
1
FURRED AROUND WHEELCHAIR LIFT W/ 5/8" GYP.BD. OVER 2x4 WD STUDS @ 24" O.C.

LIFT ATTACHMENT @ MEZZANINE 1 1/2" 10

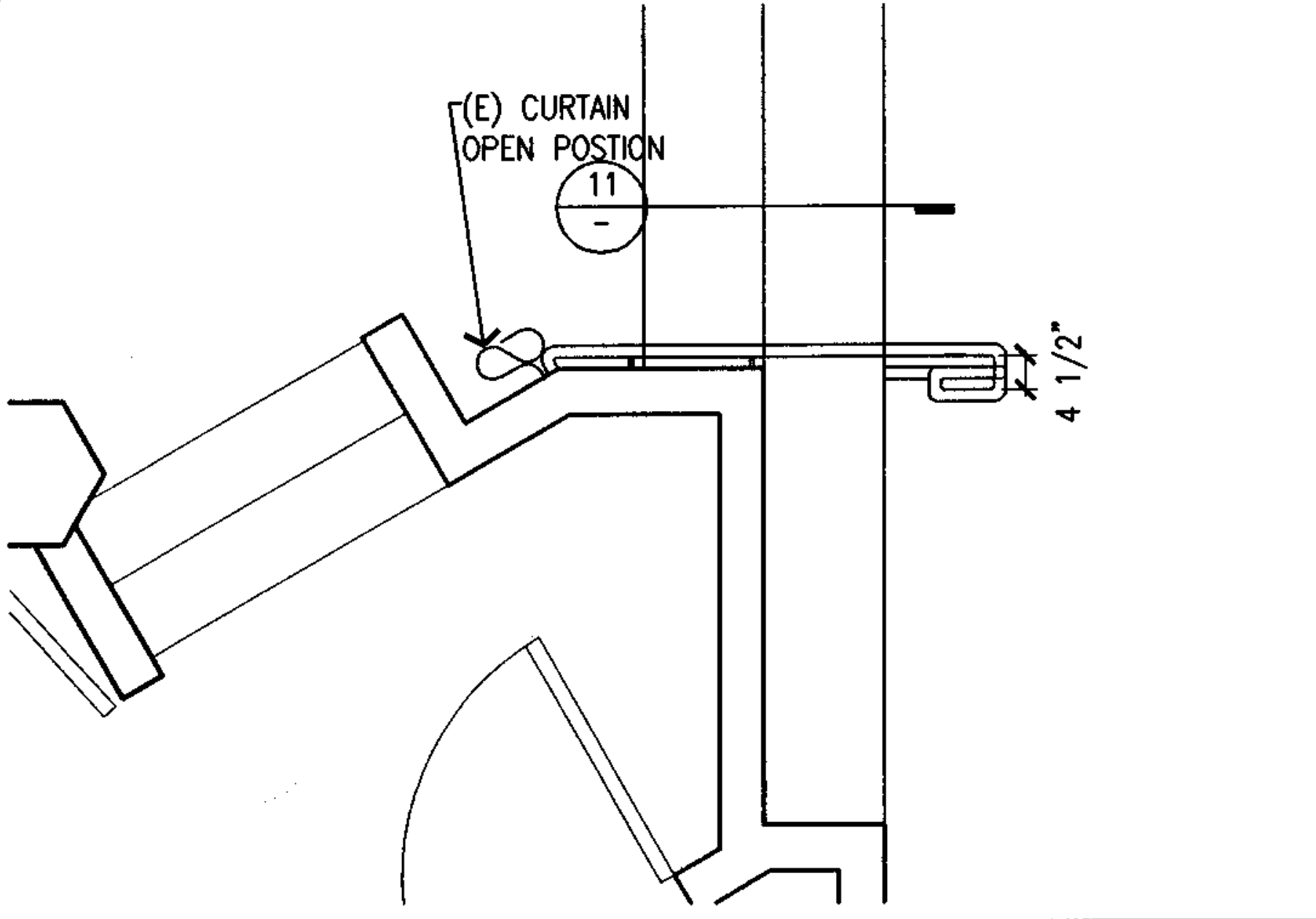

(E) WALL (GYP. BD. OVER 2x STUDS. V.I.F.)
FINISH AND MOULDING TO MATCH (E)
JAMB, SEE 20/A09.01 FOR FRAMING
3/8" X 1-1/2" WOOD TRIM
1x WOOD TRIM (MILLED TO FIT)
SEALANT
DOOR & FRAME BY LIFT MFR.

LIFT ACCESS DOOR JAMB 3" 6

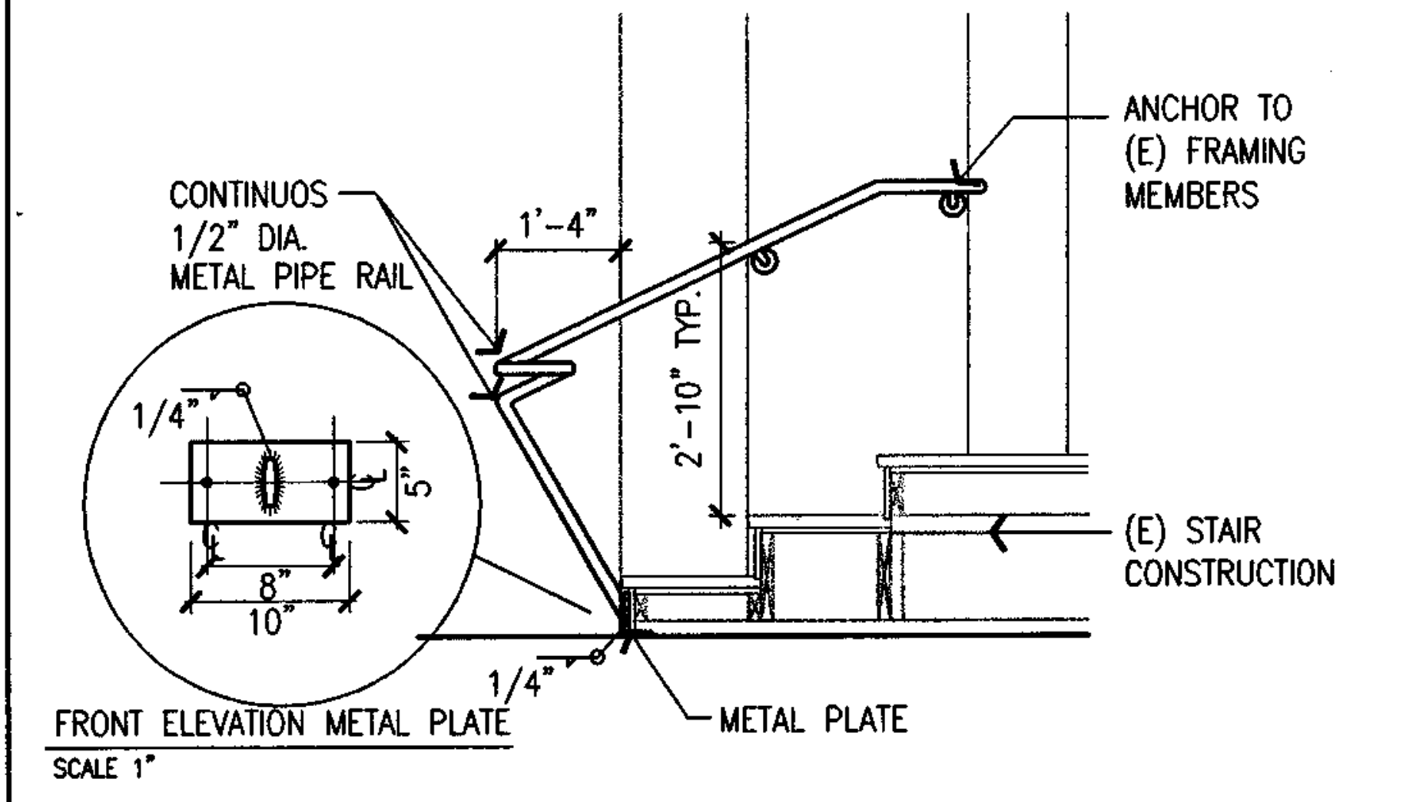


ELEVATION AT STAGE 1/2" 2

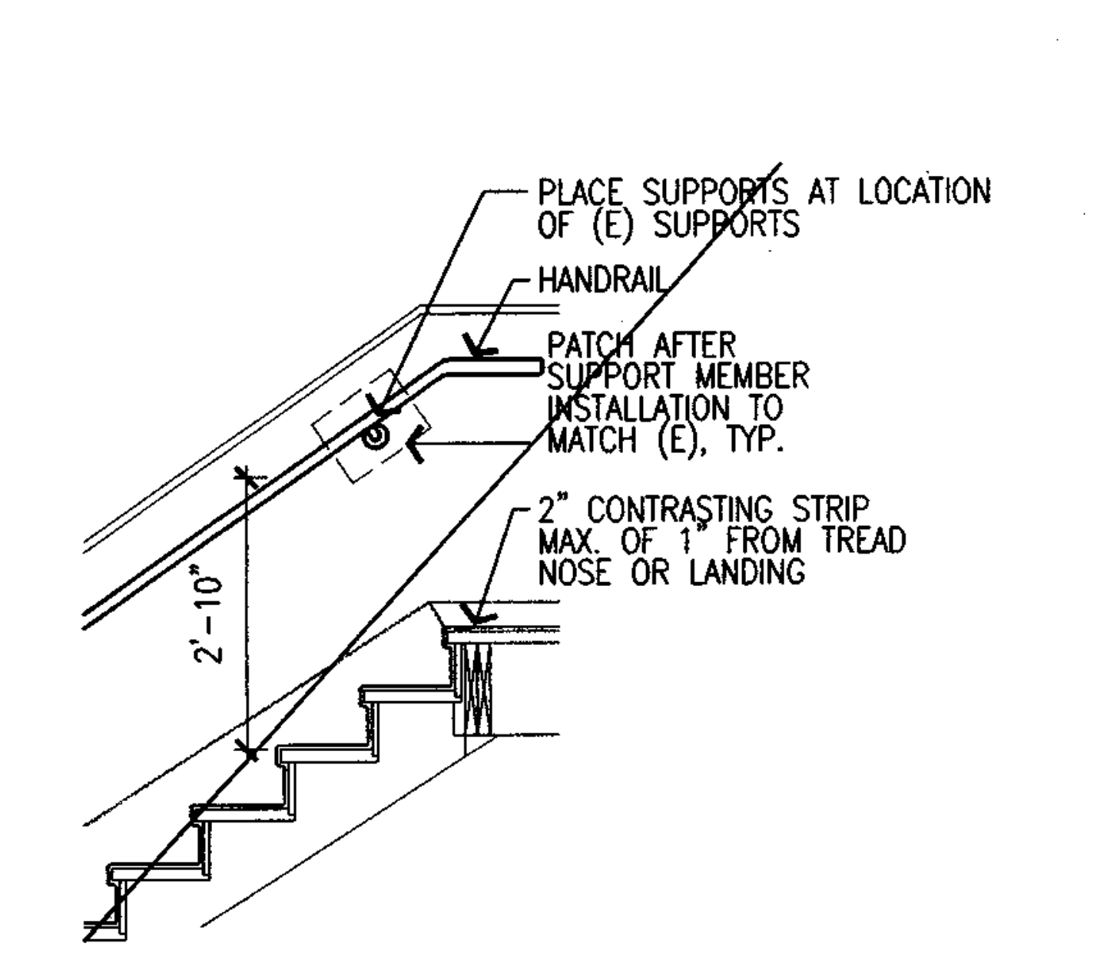
NOT USED SCALE 19



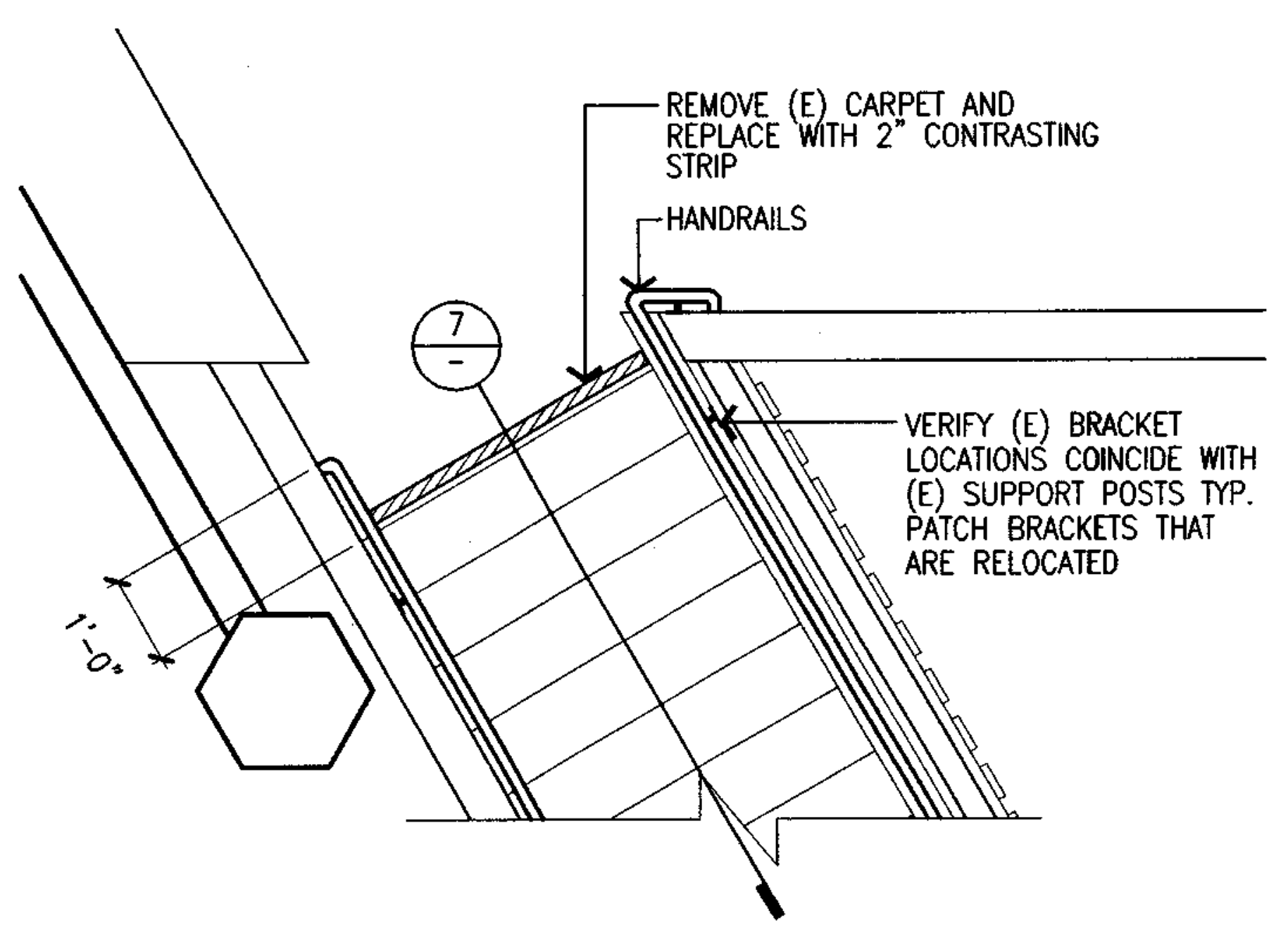
N2 - ENLARGED PLAN 1/2" 15


ANCHOR TO (E) FRAMING MEMBERS
CONTINUOS 1/2" DIA. METAL PIPE RAIL
1'-4"
2'-10" TYP.
1/4"
5"
8"
10"
(E) STAIR CONSTRUCTION
1/4"
FRONT ELEVATION METAL PLATE
SCALE 1"
METAL PLATE

SECTION THROUGH STAIR 1/2" 11

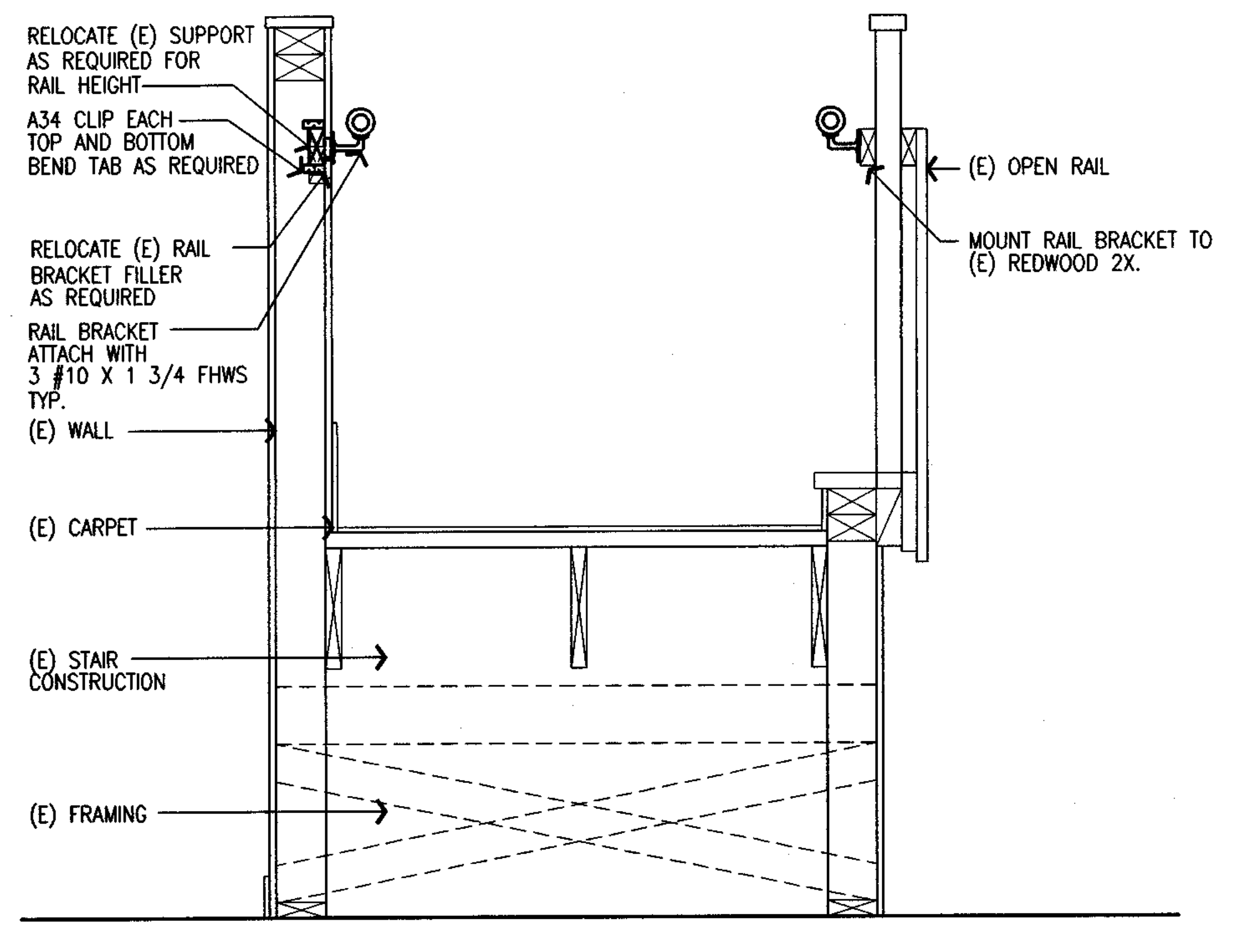

PLACE SUPPORTS AT LOCATION OF (E) SUPPORTS
HANDRAIL
PATCH AFTER SUPPORT MEMBER INSTALLATION TO MATCH (E), TYP.
2" CONTRASTING STRIP MAX. OF 1" FROM TREAD NOSE OR LANDING
2'-10"

SECTION THROUGH STAIR 1/2" 7

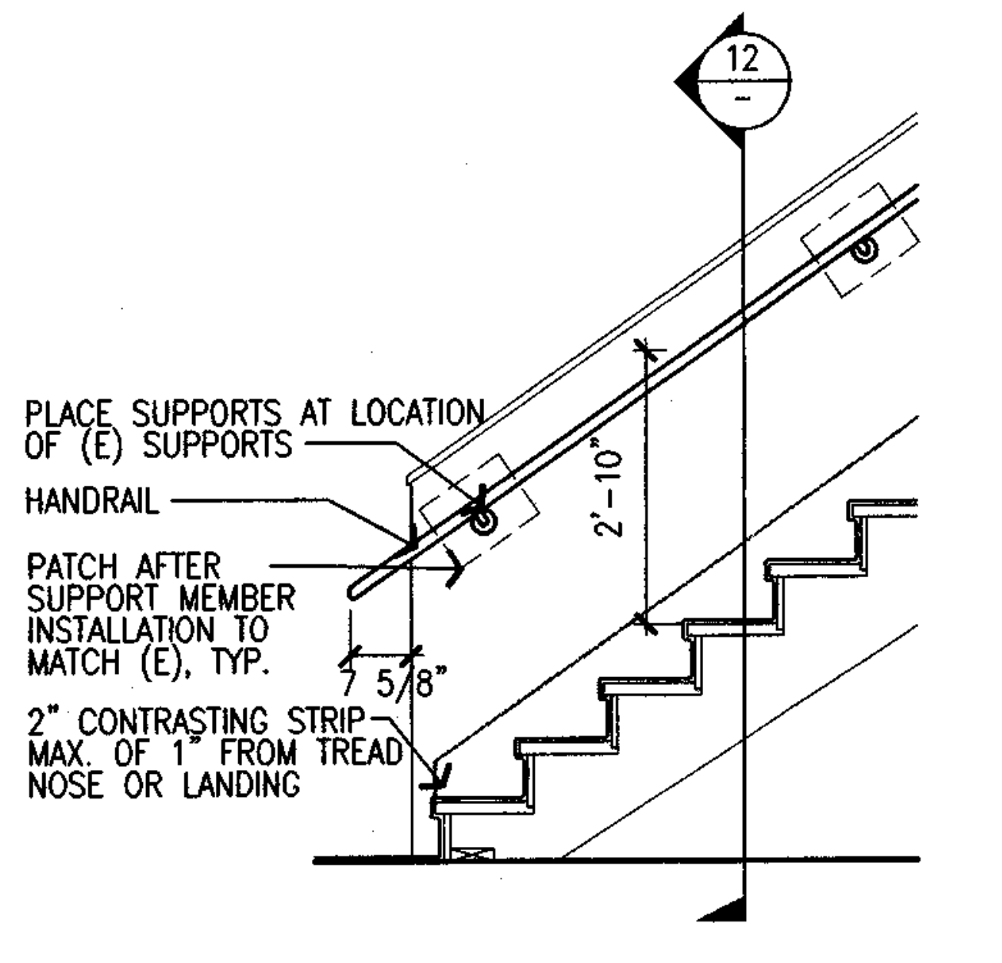

REMOVE (E) CARPET AND REPLACE WITH 2" CONTRASTING STRIP
HANDRAILS
7
1'-0"
VERIFY (E) BRACKET LOCATIONS COINCIDE WITH (E) SUPPORT POSTS TYP. PATCH BRACKETS THAT ARE RELOCATED

J1 - ENLARGED PLAN 1/2" 3

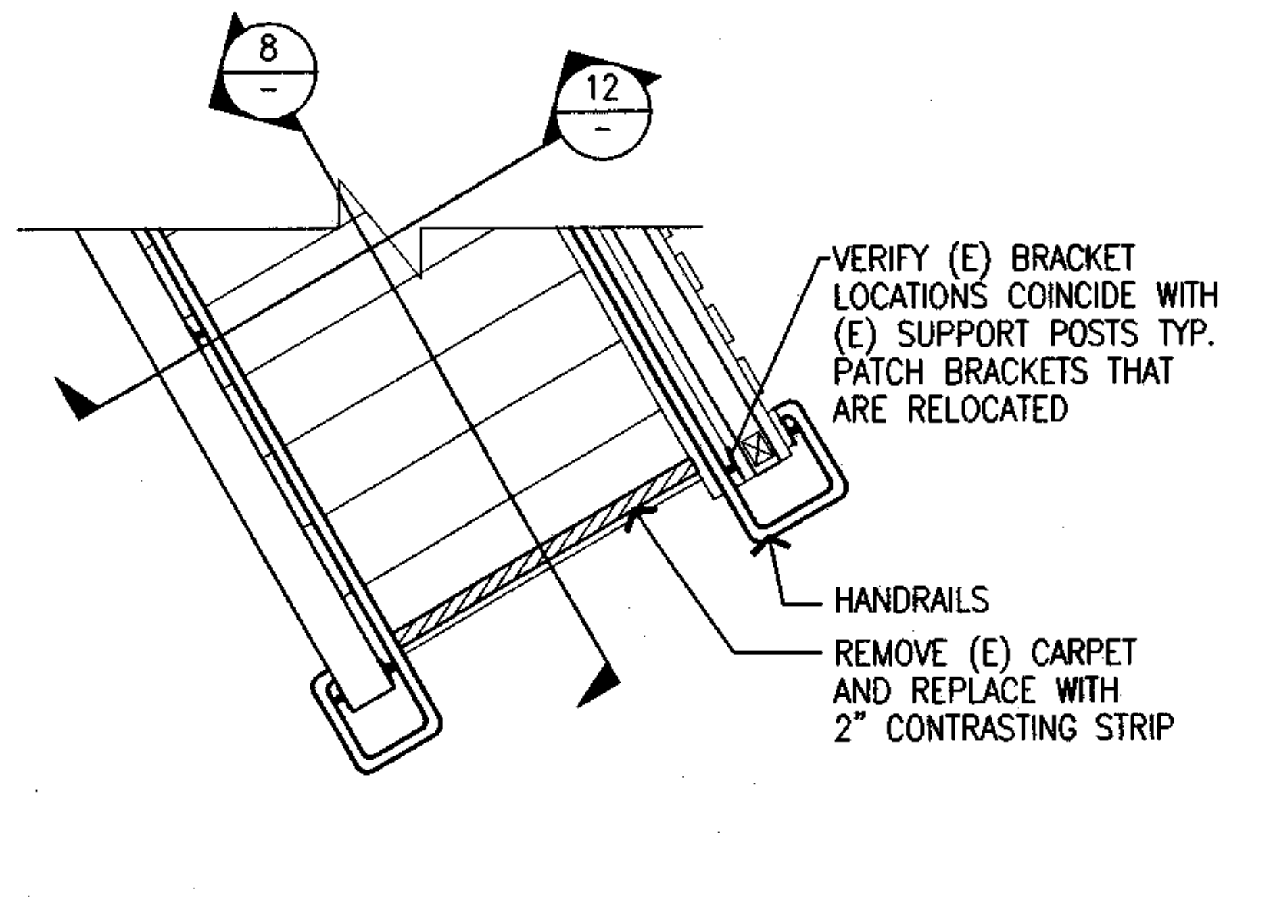
NOT USED SCALE 20


RELOCATE (E) SUPPORT AS REQUIRED FOR RAIL HEIGHT
A34 CLIP EACH TOP AND BOTTOM BEND TAB AS REQUIRED
RELOCATE (E) RAIL BRACKET FILLER AS REQUIRED
RAIL BRACKET ATTACH WITH 3 #10 X 1 3/4 FHWS TYP.
(E) WALL
(E) CARPET
(E) STAIR CONSTRUCTION
(E) FRAMING
(E) OPEN RAIL
MOUNT RAIL BRACKET TO (E) REDWOOD 2X.

SECTION THROUGH STAIR 1" 12


12
PLACE SUPPORTS AT LOCATION OF (E) SUPPORTS
HANDRAIL
PATCH AFTER SUPPORT MEMBER INSTALLATION TO MATCH (E), TYP.
2" CONTRASTING STRIP MAX. OF 1" FROM TREAD NOSE OR LANDING
2'-10"
5/8"

SECTION THROUGH STAIR 1/2" 8


8
12
VERIFY (E) BRACKET LOCATIONS COINCIDE WITH (E) SUPPORT POSTS TYP. PATCH BRACKETS THAT ARE RELOCATED
HANDRAILS
REMOVE (E) CARPET AND REPLACE WITH 2" CONTRASTING STRIP

J1 - ENLARGED PLAN 1/2" 4

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- ☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3156 STATE OF CALIFORNIA

ARCHITECT'S STAMP

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AUTHORITY APPROVAL

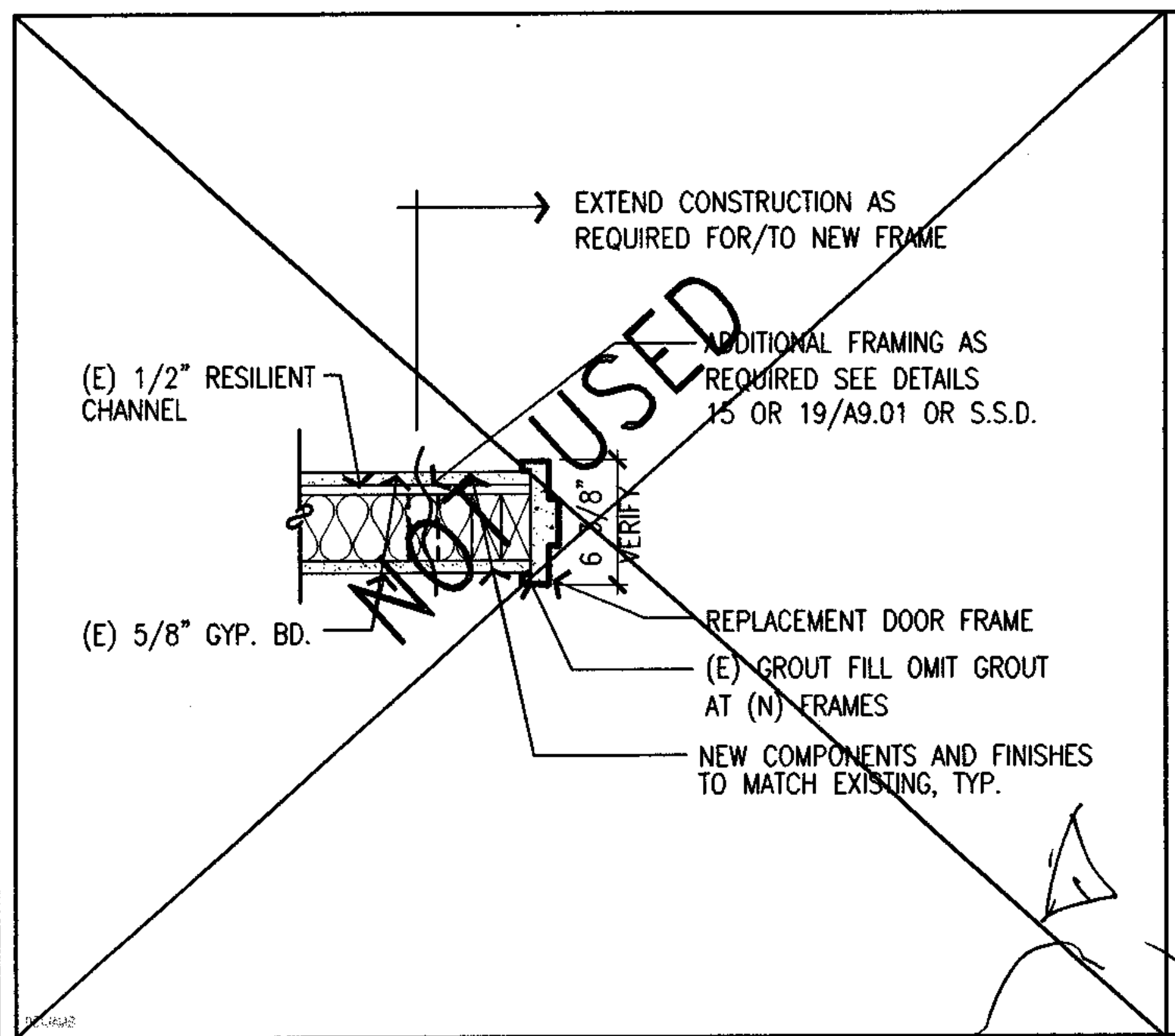
VERTICAL CIRCULATION WHEELCHAIR LIFT

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

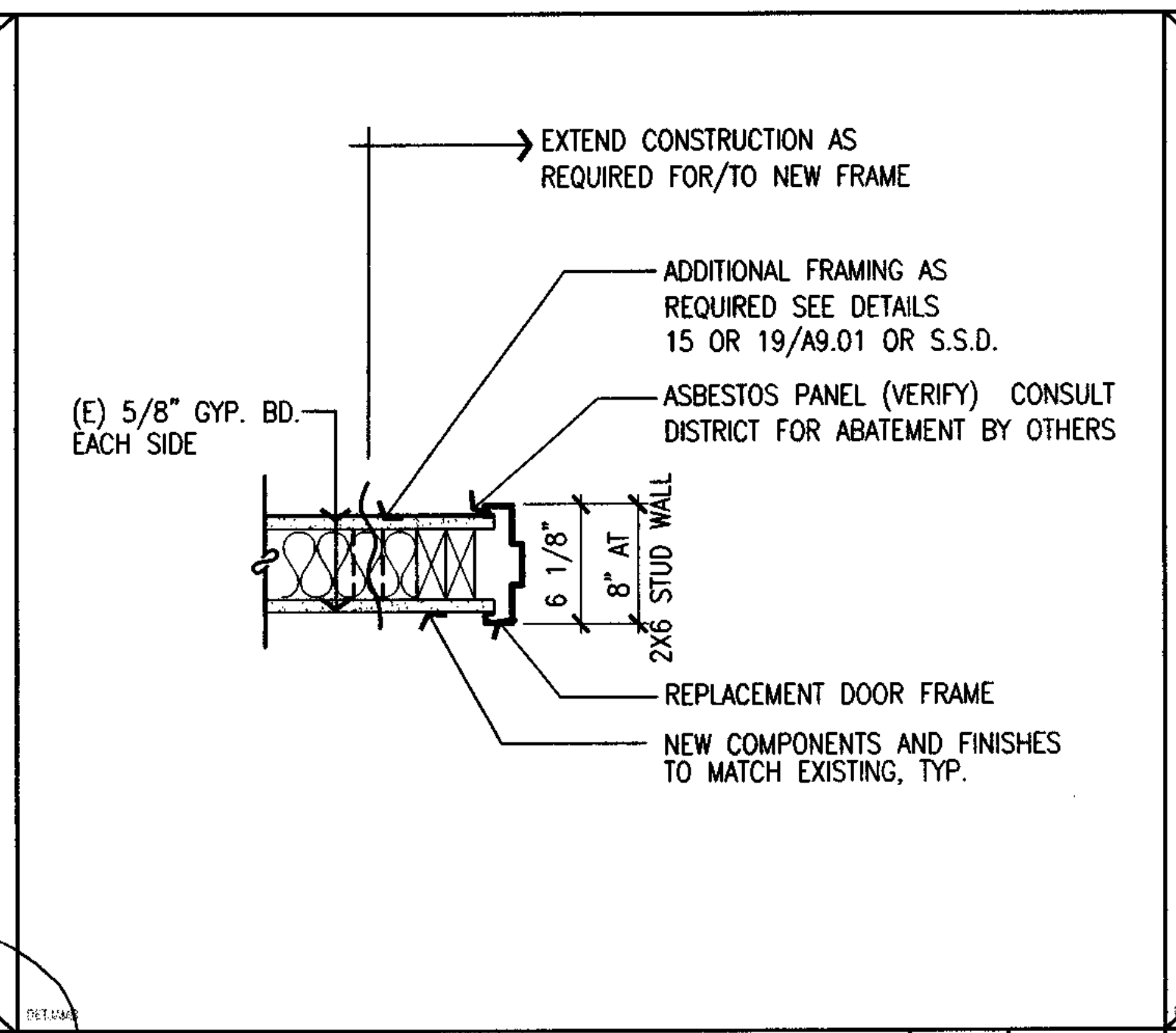
DRAWN BY: X CHECKED BY: X

A07.01

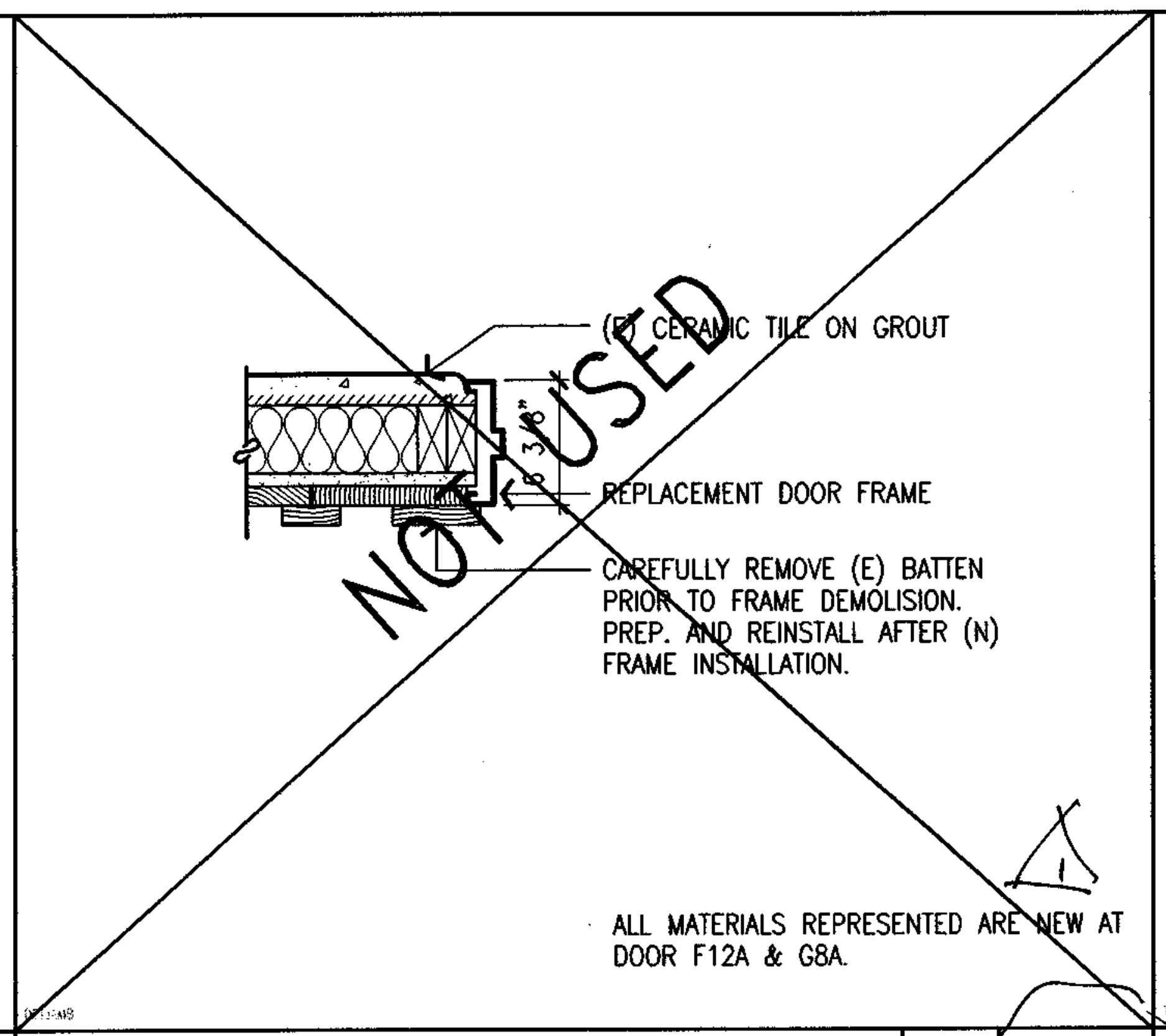
JOB NO: 99041B X OF SHEETS


EXTEND CONSTRUCTION AS REQUIRED FOR/TO NEW FRAME
ADDITIONAL FRAMING AS REQUIRED SEE DETAILS 15 OR 19/A9.01 OR S.S.D.
(E) 1/2" RESILIENT CHANNEL
6 5/8" VERIFY
(E) 5/8" GYP. BD.
REPLACEMENT DOOR FRAME
(E) GROUT FILL OMIT GROUT AT (N) FRAMES
NEW COMPONENTS AND FINISHES TO MATCH EXISTING, TYP.
NOT USED
1

DOOR JAMB IN ACOUSTICAL WALL | 1 1/2" | 17

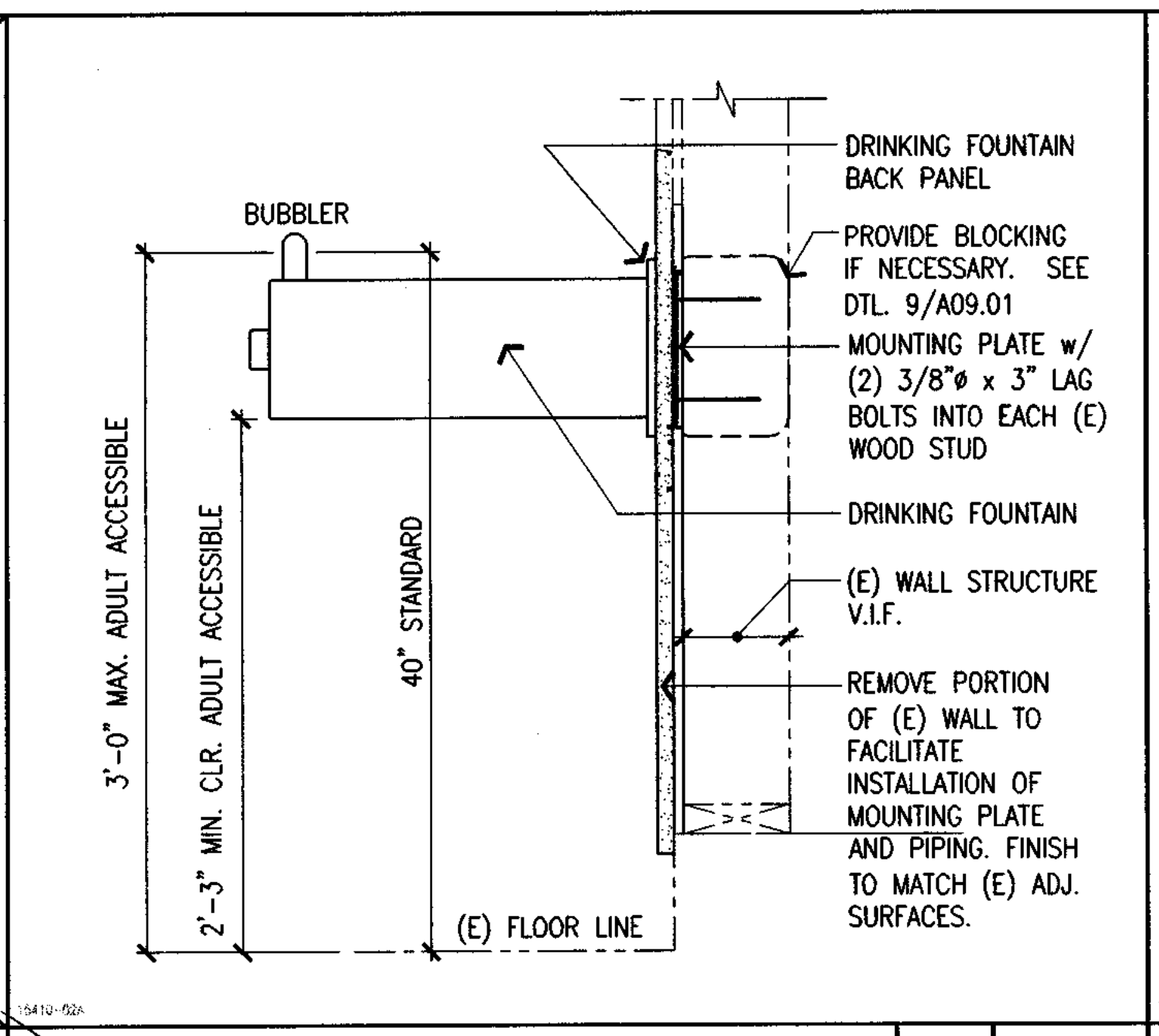

EXTEND CONSTRUCTION AS REQUIRED FOR/TO NEW FRAME
ADDITIONAL FRAMING AS REQUIRED SEE DETAILS 15 OR 19/A9.01 OR S.S.D.
(E) 5/8" GYP. BD. EACH SIDE
ASBESTOS PANEL (VERIFY) CONSULT DISTRICT FOR ABATEMENT BY OTHERS
6 1/8"
8" AT 2X6 STUD WALL
REPLACEMENT DOOR FRAME
NEW COMPONENTS AND FINISHES TO MATCH EXISTING, TYP.

ACOUSTICAL FRAME & DOOR | 1 1/2" | 13

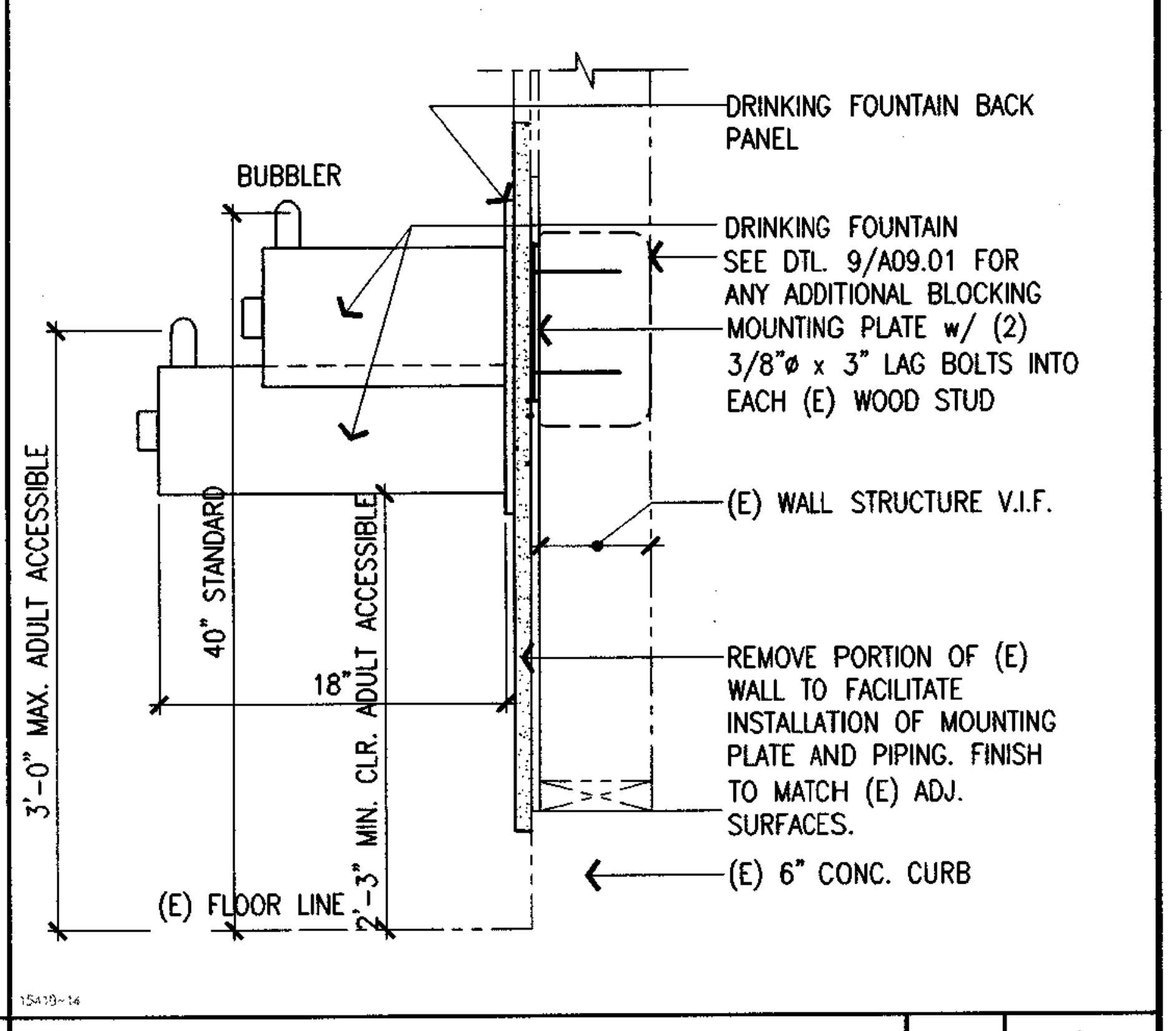

(E) CERAMIC TILE ON GROUT
6 3/8"
REPLACEMENT DOOR FRAME
CAREFULLY REMOVE (E) BATTEN PRIOR TO FRAME DEMOLISION. PREP. AND REINSTALL AFTER (N) FRAME INSTALLATION.
NOT USED
1

ALL MATERIALS REPRESENTED ARE NEW AT DOOR F12A & G8A.

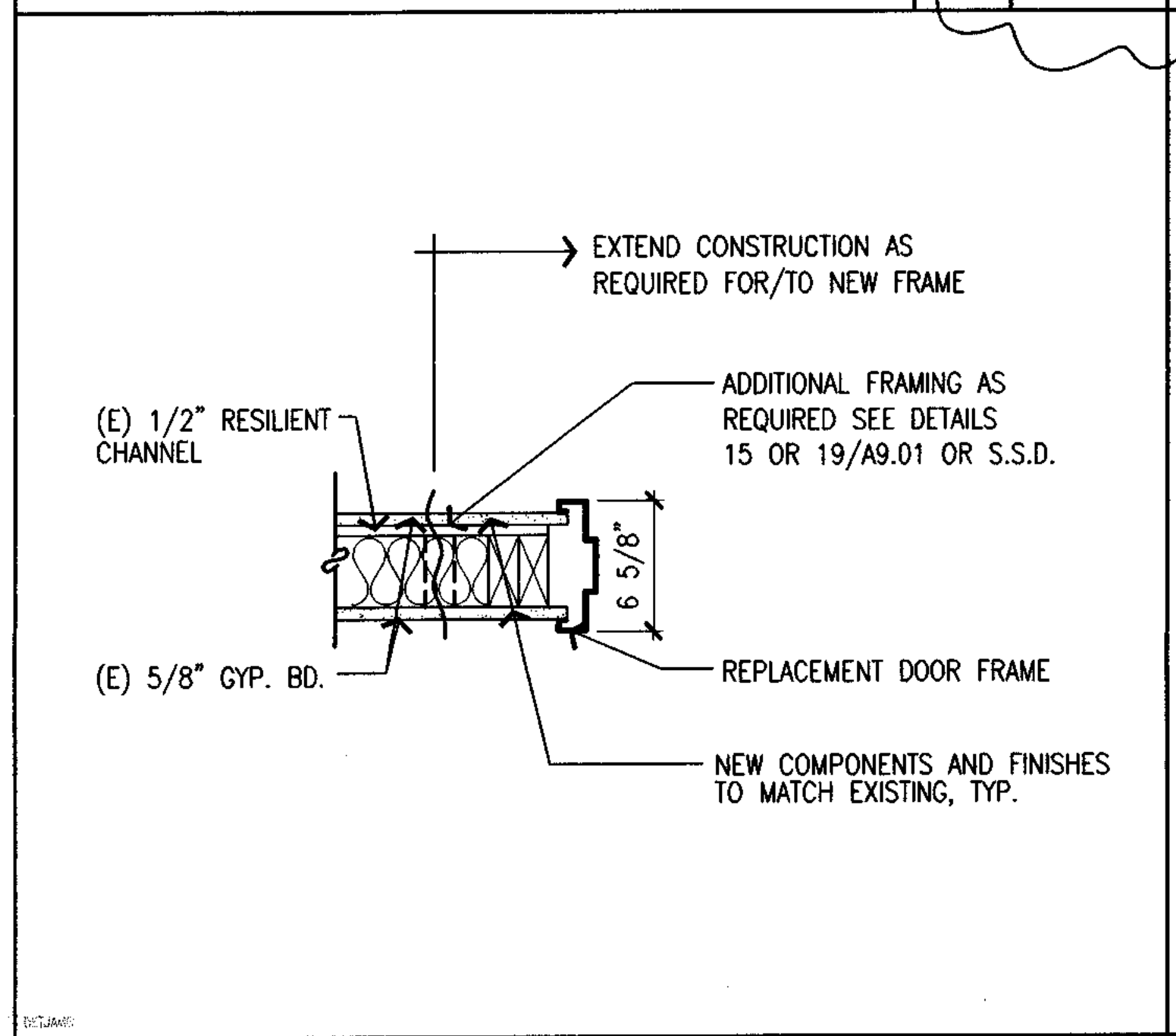
DOOR JAMB EXTERIOR WALL | 1 1/2" | 9


BUBBLER
DRINKING FOUNTAIN BACK PANEL
PROVIDE BLOCKING IF NECESSARY. SEE DTL. 9/A09.01
MOUNTING PLATE w/ (2) 3/8"ø x 3" LAG BOLTS INTO EACH (E) WOOD STUD
DRINKING FOUNTAIN
(E) WALL STRUCTURE V.I.F.
REMOVE PORTION OF (E) WALL TO FACILITATE INSTALLATION OF MOUNTING PLATE AND PIPING. FINISH TO MATCH (E) ADJ. SURFACES.
3'-0" MAX. ADULT ACCESSIBLE
2'-3" MIN. CLR. ADULT ACCESSIBLE
40" STANDARD
(E) FLOOR LINE

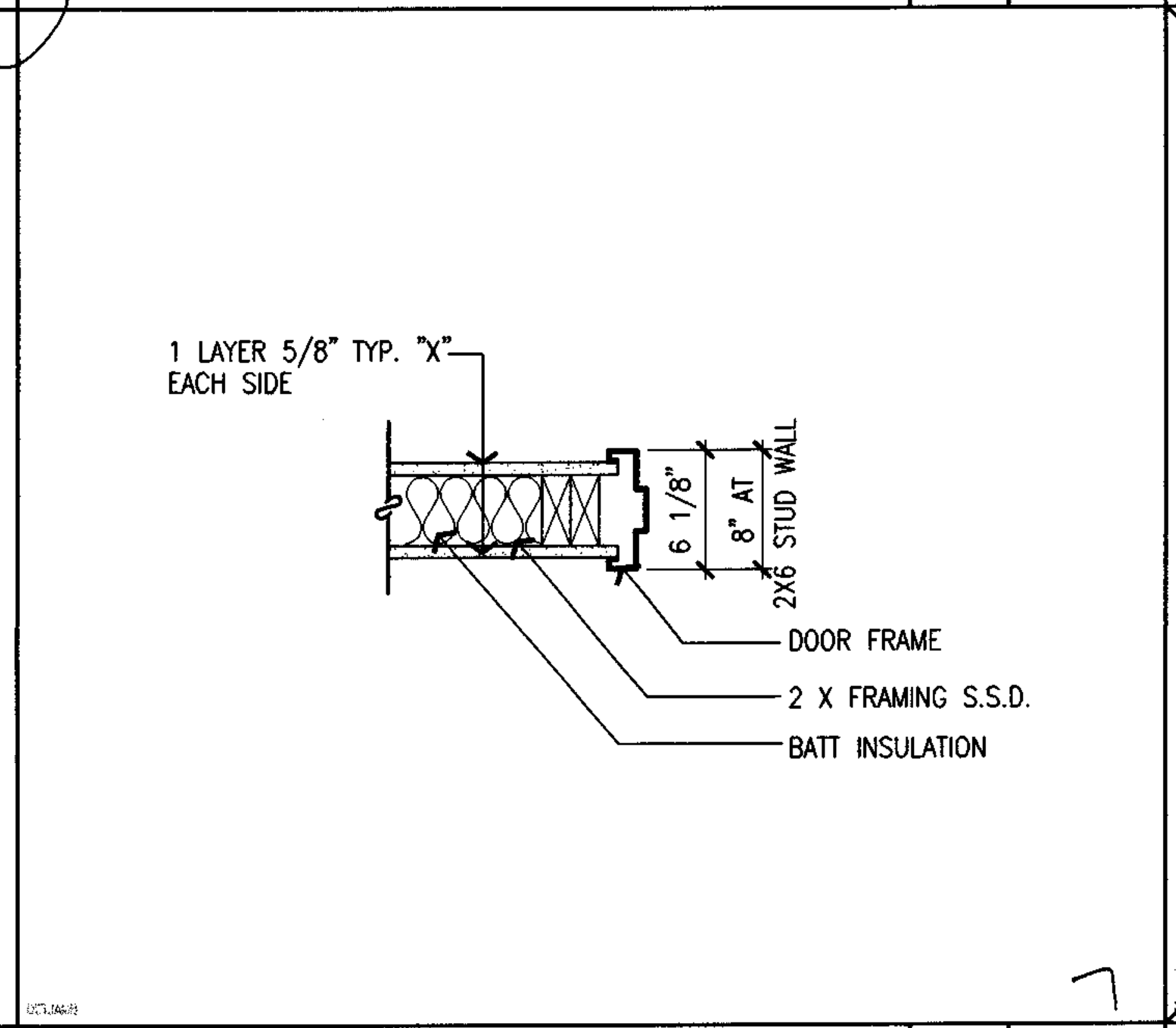
DRINKING FOUNTAIN MOUNTING | 1 1/2" | 5


BUBBLER
DRINKING FOUNTAIN BACK PANEL
DRINKING FOUNTAIN SEE DTL. 9/A09.01 FOR ANY ADDITIONAL BLOCKING
MOUNTING PLATE w/ (2) 3/8"ø x 3" LAG BOLTS INTO EACH (E) WOOD STUD
(E) WALL STRUCTURE V.I.F.
REMOVE PORTION OF (E) WALL TO FACILITATE INSTALLATION OF MOUNTING PLATE AND PIPING. FINISH TO MATCH (E) ADJ. SURFACES.
(E) 6" CONC. CURB
3'-0" MAX. ADULT ACCESSIBLE
40" STANDARD
18"
2'-3" MIN. CLR. ADULT ACCESSIBLE
(E) FLOOR LINE

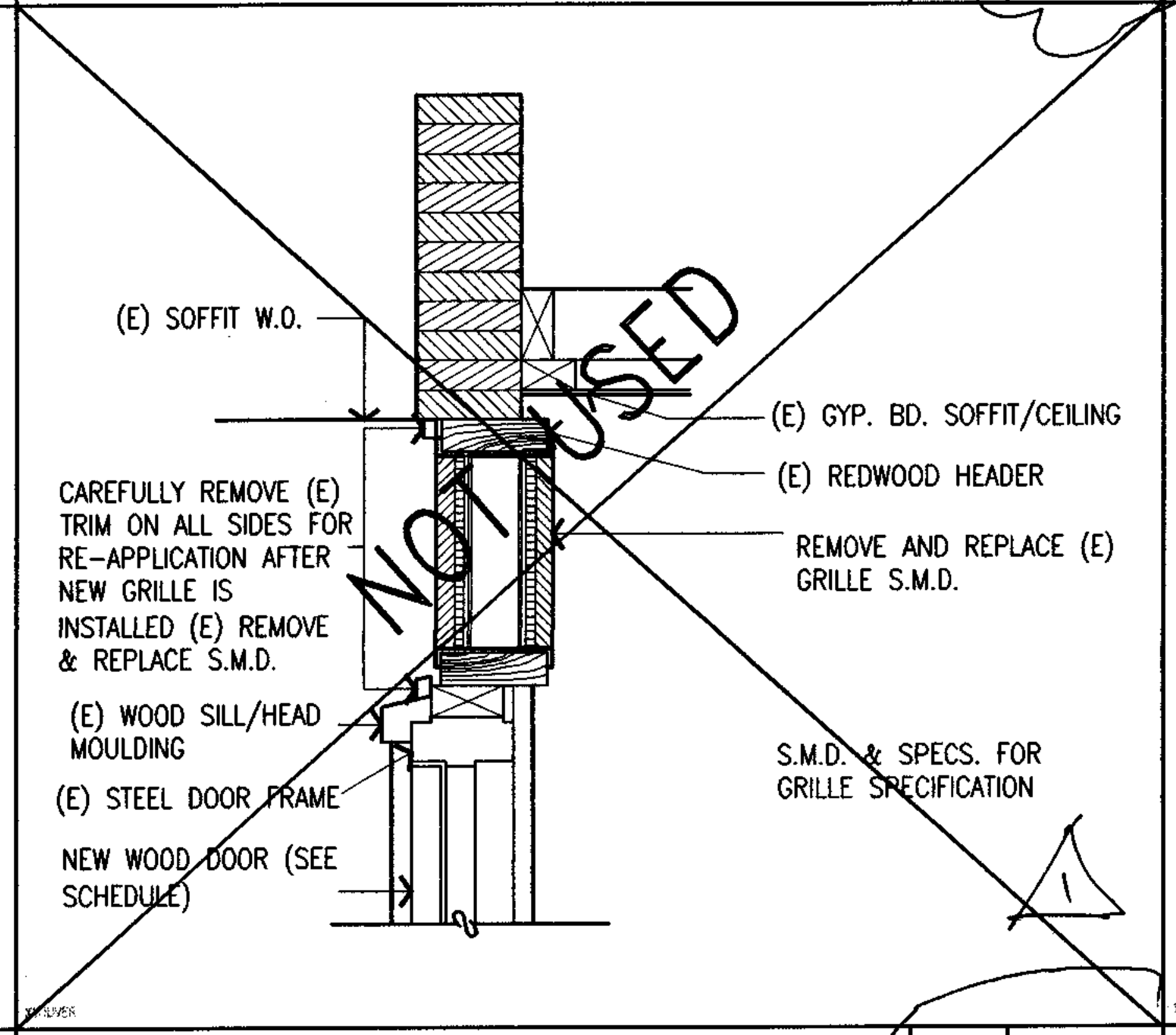
DBL. DRINKING FOUNTAIN MOUNTING | 1 1/2" | 1


EXTEND CONSTRUCTION AS REQUIRED FOR/TO NEW FRAME
ADDITIONAL FRAMING AS REQUIRED SEE DETAILS 15 OR 19/A9.01 OR S.S.D.
(E) 1/2" RESILIENT CHANNEL
6 5/8"
(E) 5/8" GYP. BD.
REPLACEMENT DOOR FRAME
NEW COMPONENTS AND FINISHES TO MATCH EXISTING, TYP.

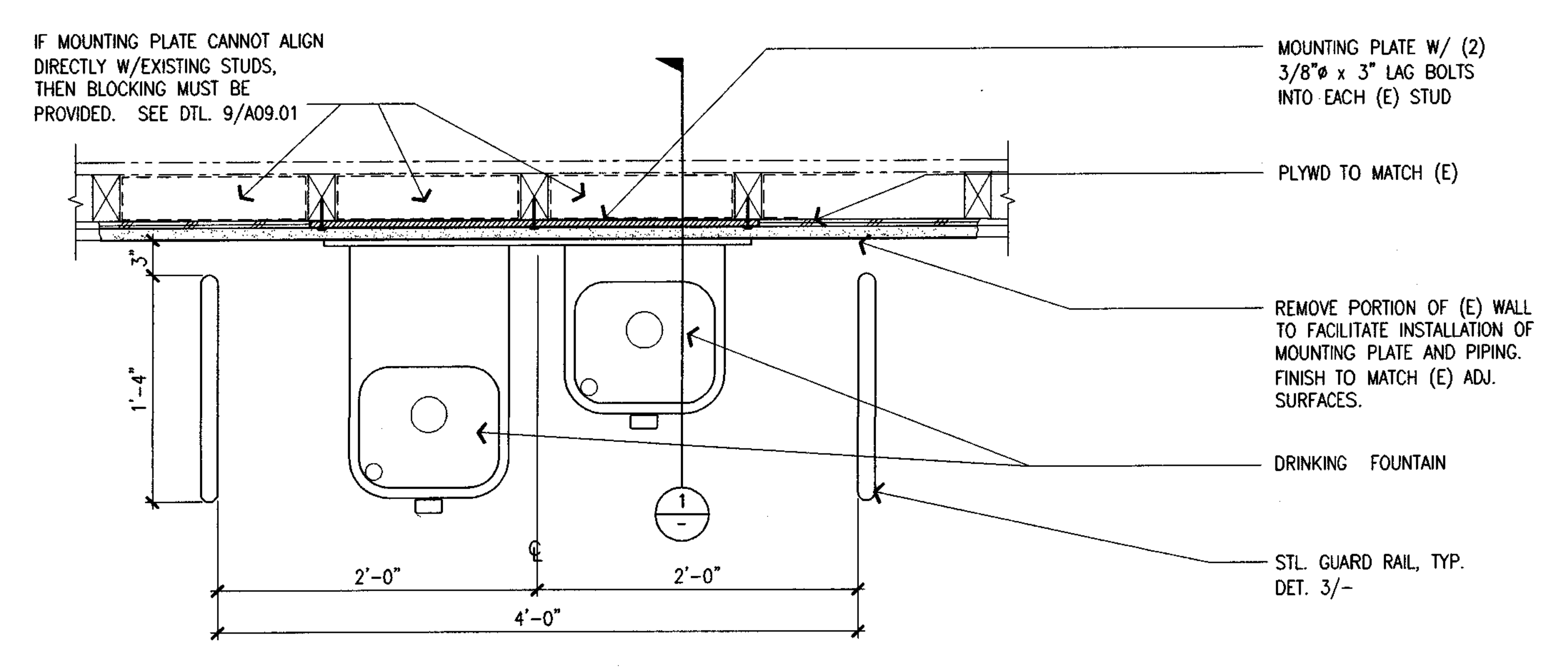
DOOR JAMB IN ACOUSTICAL WALL | 1 1/2" | 18



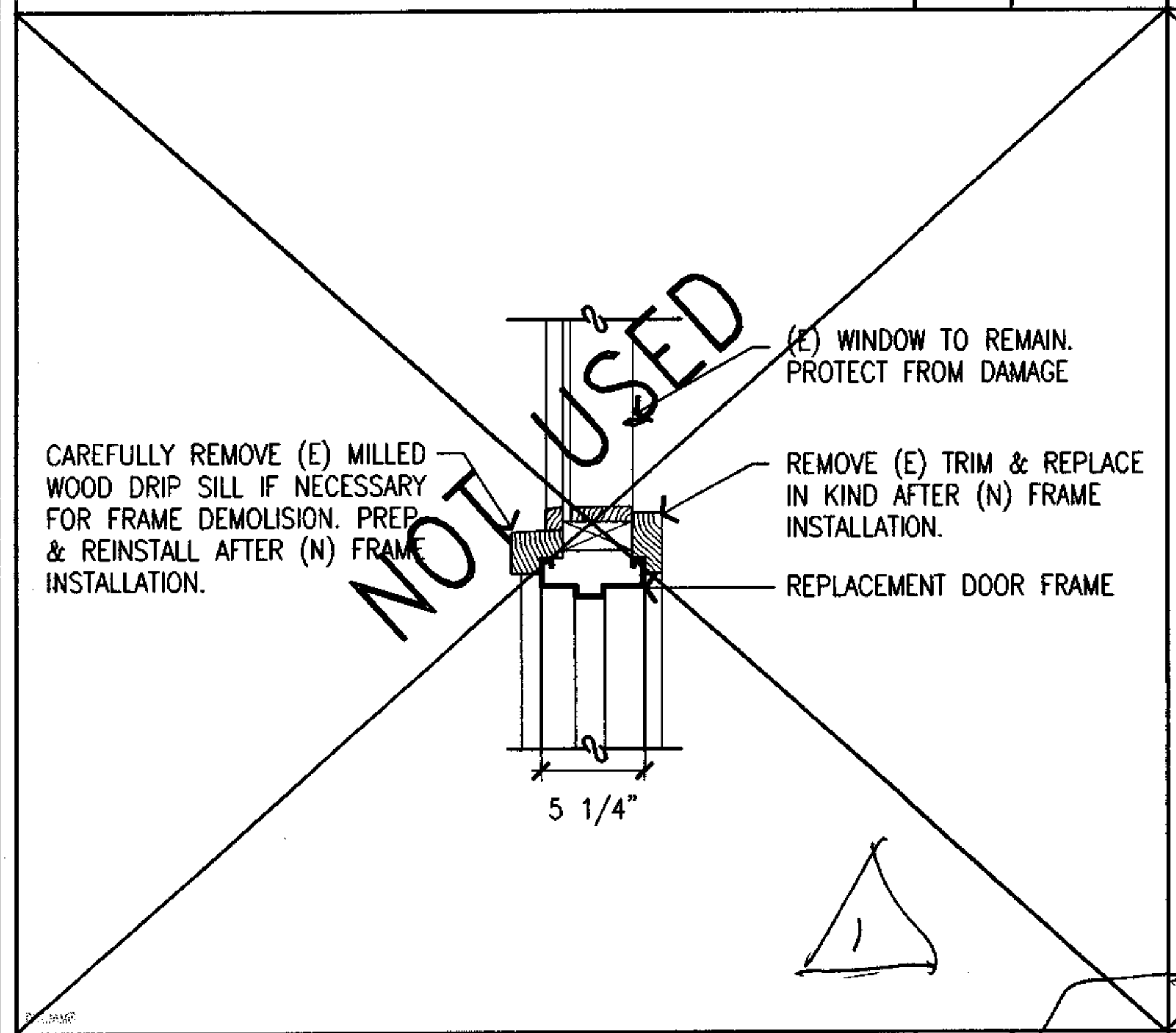
DOOR JAMB IN ONE HOUR WALL | 1 1/2" | 14


(E) SOFFIT W.O.
CAREFULLY REMOVE (E) TRIM ON ALL SIDES FOR RE-APPLICATION AFTER NEW GRILLE IS INSTALLED (E) REMOVE & REPLACE S.M.D.
(E) WOOD SILL/HEAD MOULDING
(E) STEEL DOOR FRAME
NEW WOOD DOOR (SEE SCHEDULE)
(E) GYP. BD. SOFFIT/CEILING
(E) REDWOOD HEADER
REMOVE AND REPLACE (E) GRILLE S.M.D.
S.M.D. & SPECS. FOR GRILLE SPECIFICATION
NOT USED
1

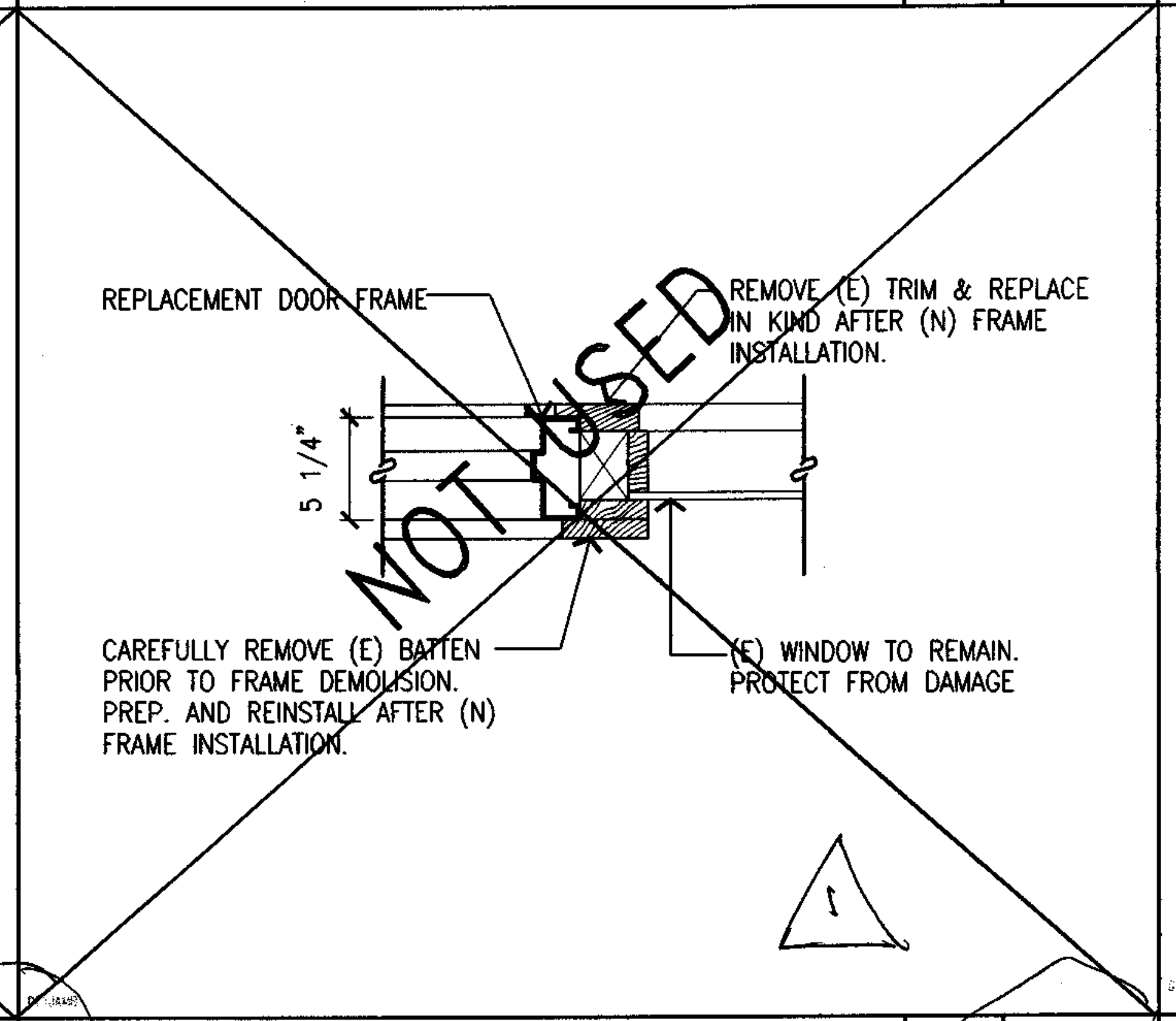
EXT. LOUVER REPLACEMENT | 1/4" | 10


IF MOUNTING PLATE CANNOT ALIGN DIRECTLY W/EXISTING STUDS, THEN BLOCKING MUST BE PROVIDED. SEE DTL. 9/A09.01
MOUNTING PLATE W/ (2) 3/8"ø x 3" LAG BOLTS INTO EACH (E) STUD
PLYWD TO MATCH (E)
REMOVE PORTION OF (E) WALL TO FACILITATE INSTALLATION OF MOUNTING PLATE AND PIPING. FINISH TO MATCH (E) ADJ. SURFACES.
DRINKING FOUNTAIN
STL. GUARD RAIL, TYP. DET. 3/-
3"
1'-4"
2'-0"
2'-0"
4'-0"
1

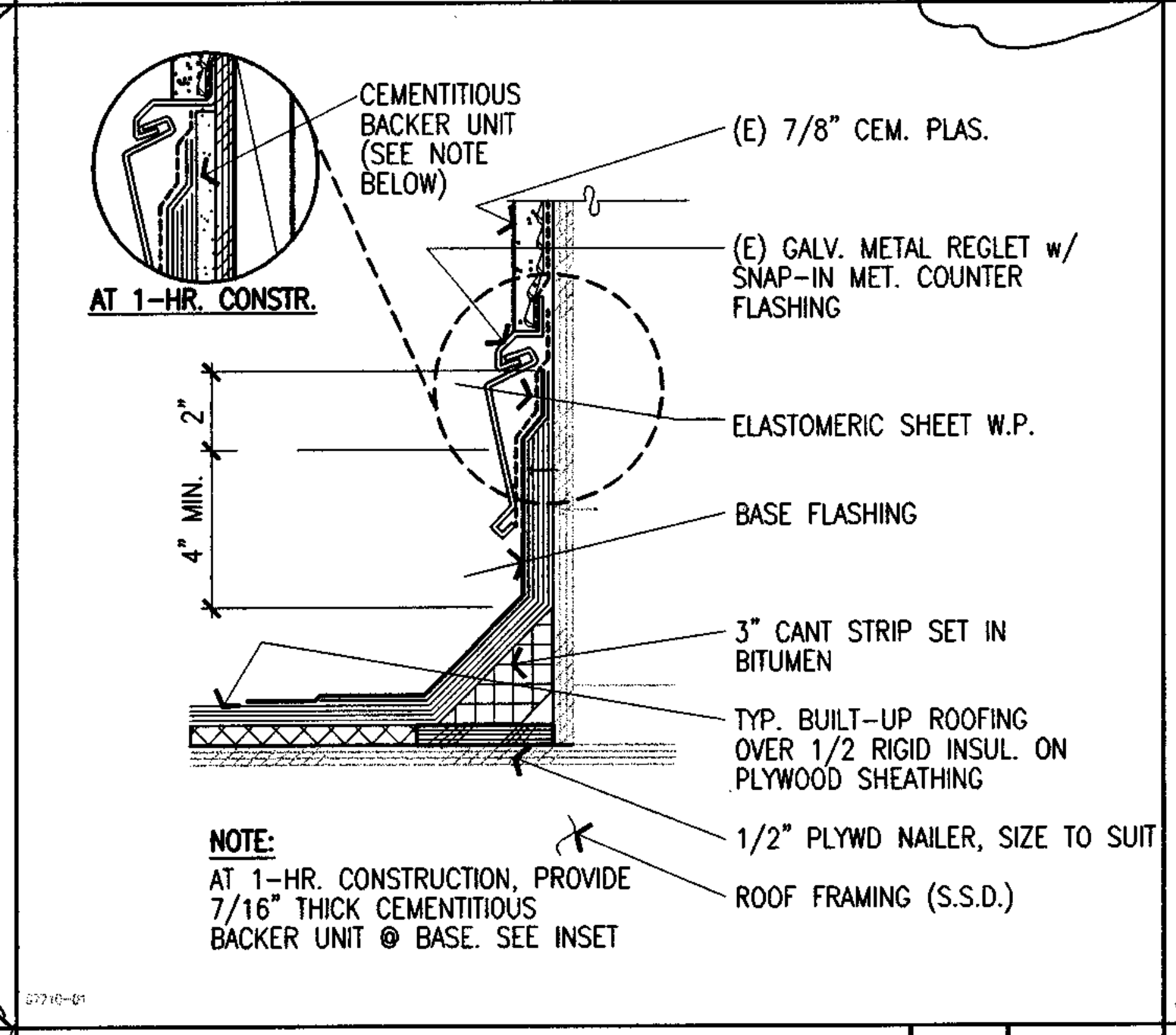
DOUBLE DRINKING FOUNTAIN | 1 1/2" | 2


(E) WINDOW TO REMAIN. PROTECT FROM DAMAGE
CAREFULLY REMOVE (E) MILLED WOOD DRIP SILL IF NECESSARY FOR FRAME DEMOLISHION. PREP. & REINSTALL AFTER (N) FRAME INSTALLATION.
REMOVE (E) TRIM & REPLACE IN KIND AFTER (N) FRAME INSTALLATION.
REPLACEMENT DOOR FRAME
5 1/4"
NOT USED
1

HORIZONTAL MULLION | 1 1/2" | 19

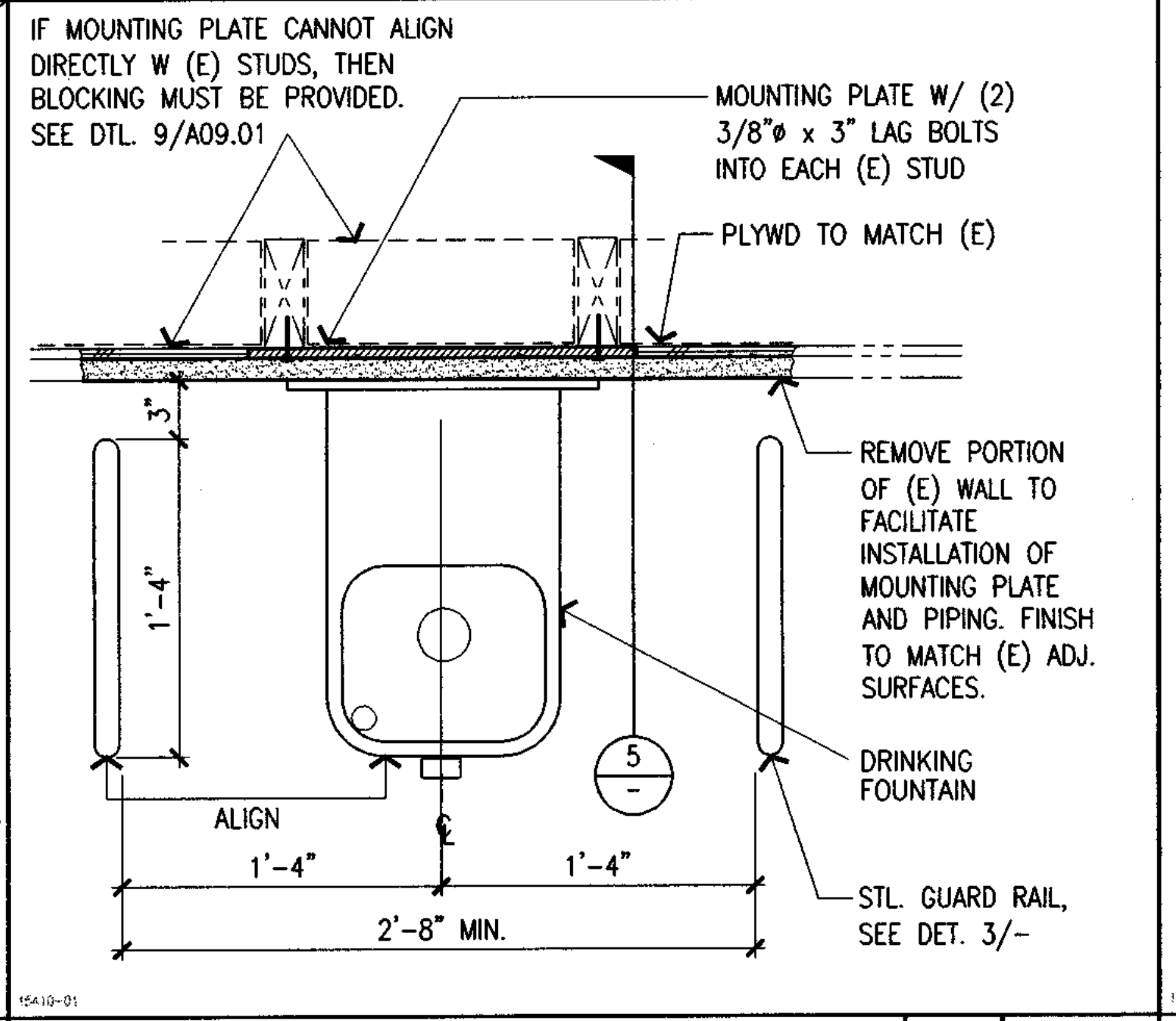

REPLACEMENT DOOR FRAME
REMOVE (E) TRIM & REPLACE IN KIND AFTER (N) FRAME INSTALLATION.
5 1/4"
CAREFULLY REMOVE (E) BATTEN PRIOR TO FRAME DEMOLISION. PREP. AND REINSTALL AFTER (N) FRAME INSTALLATION.
(E) WINDOW TO REMAIN. PROTECT FROM DAMAGE
NOT USED
1

DOOR & WINDOW JAMB | 1 1/2" | 15

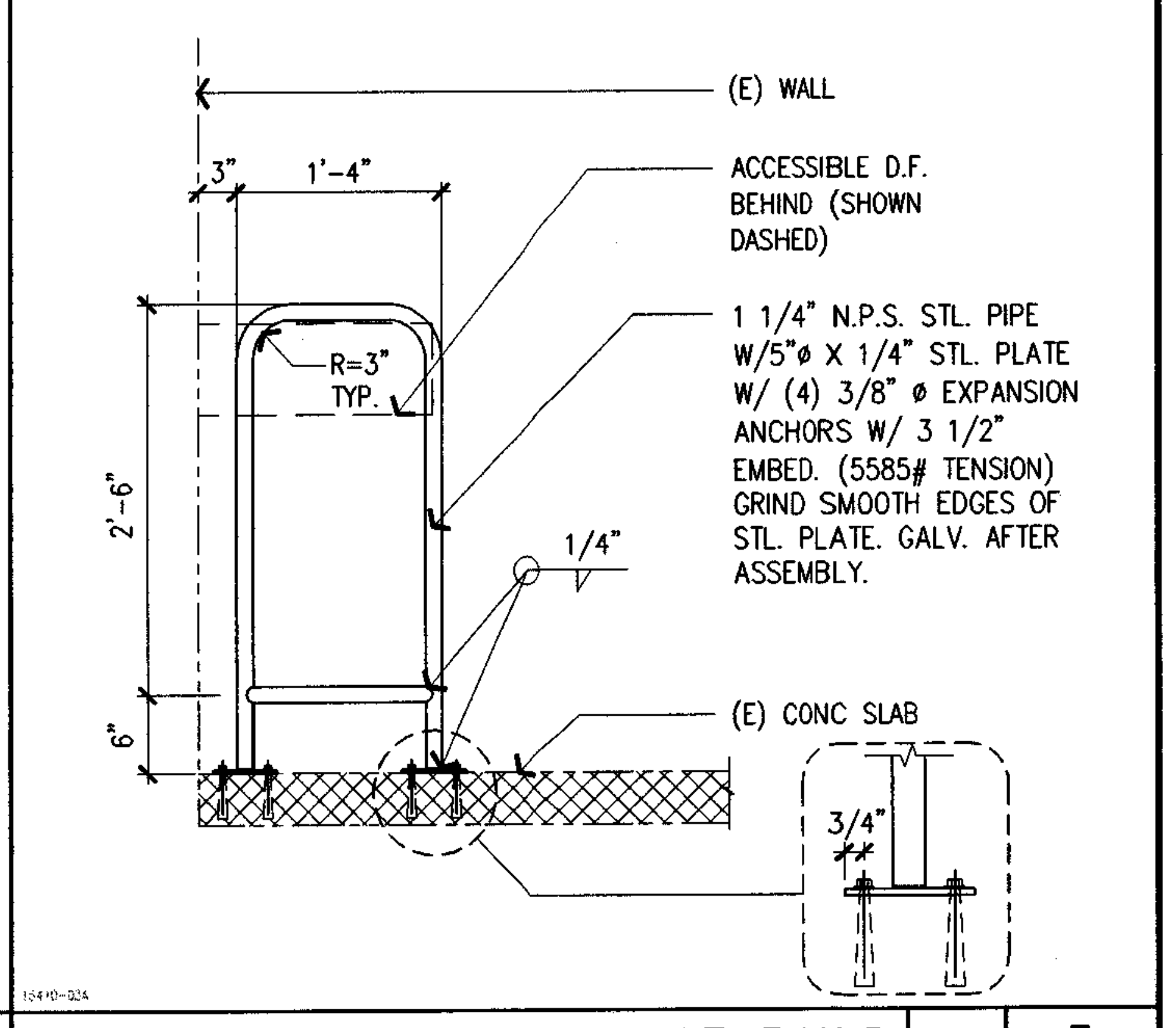

CEMENTITIOUS BACKER UNIT (SEE NOTE BELOW)
AT 1-HR. CONSTR.
(E) 7/8" CEM. PLAS.
(E) GALV. METAL REGLET w/ SNAP-IN MET. COUNTER FLASHING
ELASTOMERIC SHEET W.P.
BASE FLASHING
3" CANT STRIP SET IN BITUMEN
TYP. BUILT-UP ROOFING OVER 1/2 RIGID INSUL. ON PLYWOOD SHEATHING
1/2" PLYWD NAILER, SIZE TO SUIT
ROOF FRAMING (S.S.D.)
2"
4" MIN.

NOTE:
AT 1-HR. CONSTRUCTION, PROVIDE 7/16" THICK CEMENTITIOUS BACKER UNIT @ BASE. SEE INSET

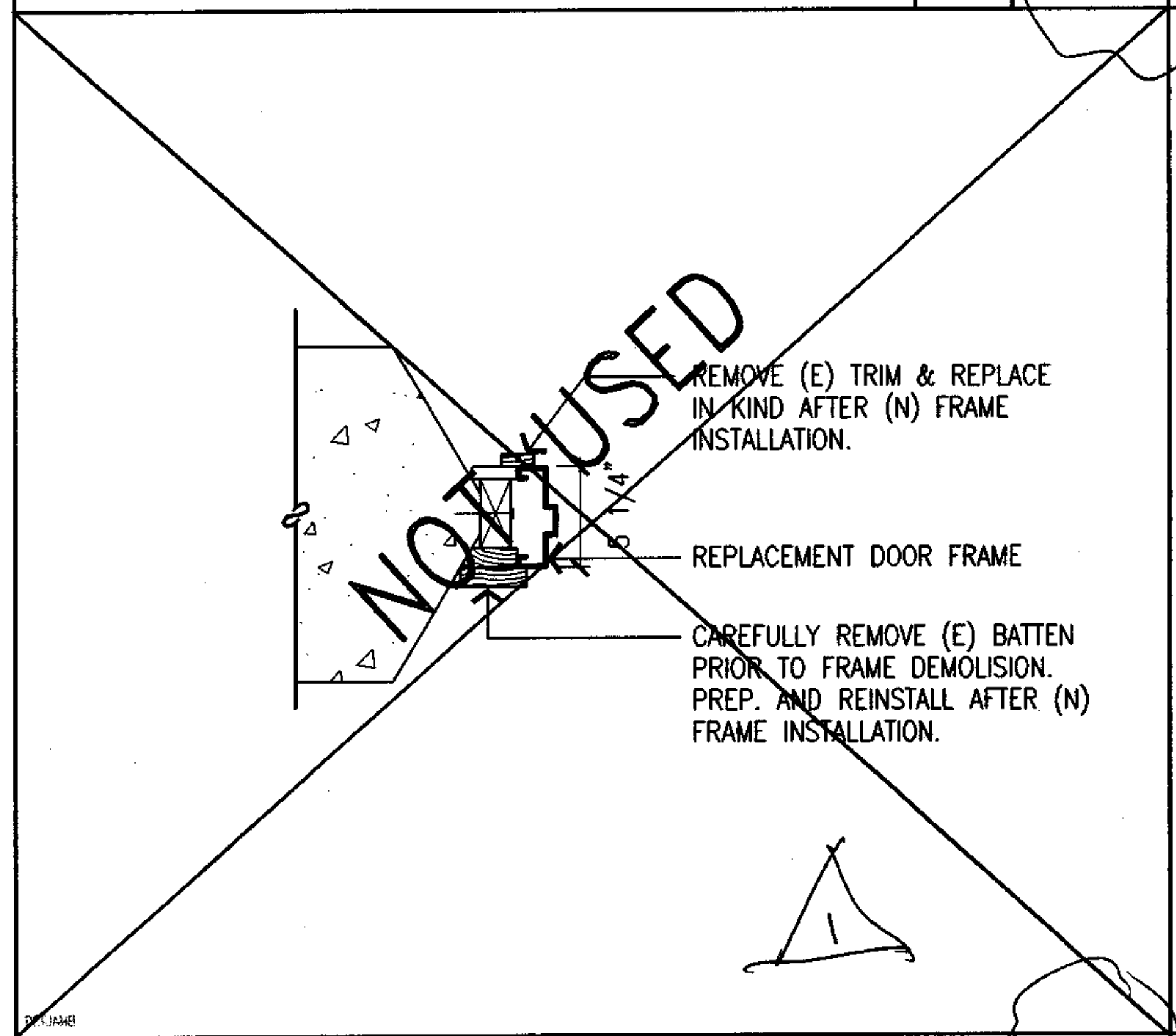
ROOF TO WALL | 3" | 11


IF MOUNTING PLATE CANNOT ALIGN DIRECTLY W (E) STUDS, THEN BLOCKING MUST BE PROVIDED. SEE DTL. 9/A09.01
MOUNTING PLATE W/ (2) 3/8"ø x 3" LAG BOLTS INTO EACH (E) STUD
PLYWD TO MATCH (E)
REMOVE PORTION OF (E) WALL TO FACILITATE INSTALLATION OF MOUNTING PLATE AND PIPING. FINISH TO MATCH (E) ADJ. SURFACES.
DRINKING FOUNTAIN
STL. GUARD RAIL, SEE DET. 3/-
3"
1'-4"
ALIGN
1'-4"
1'-4"
2'-8" MIN.
5

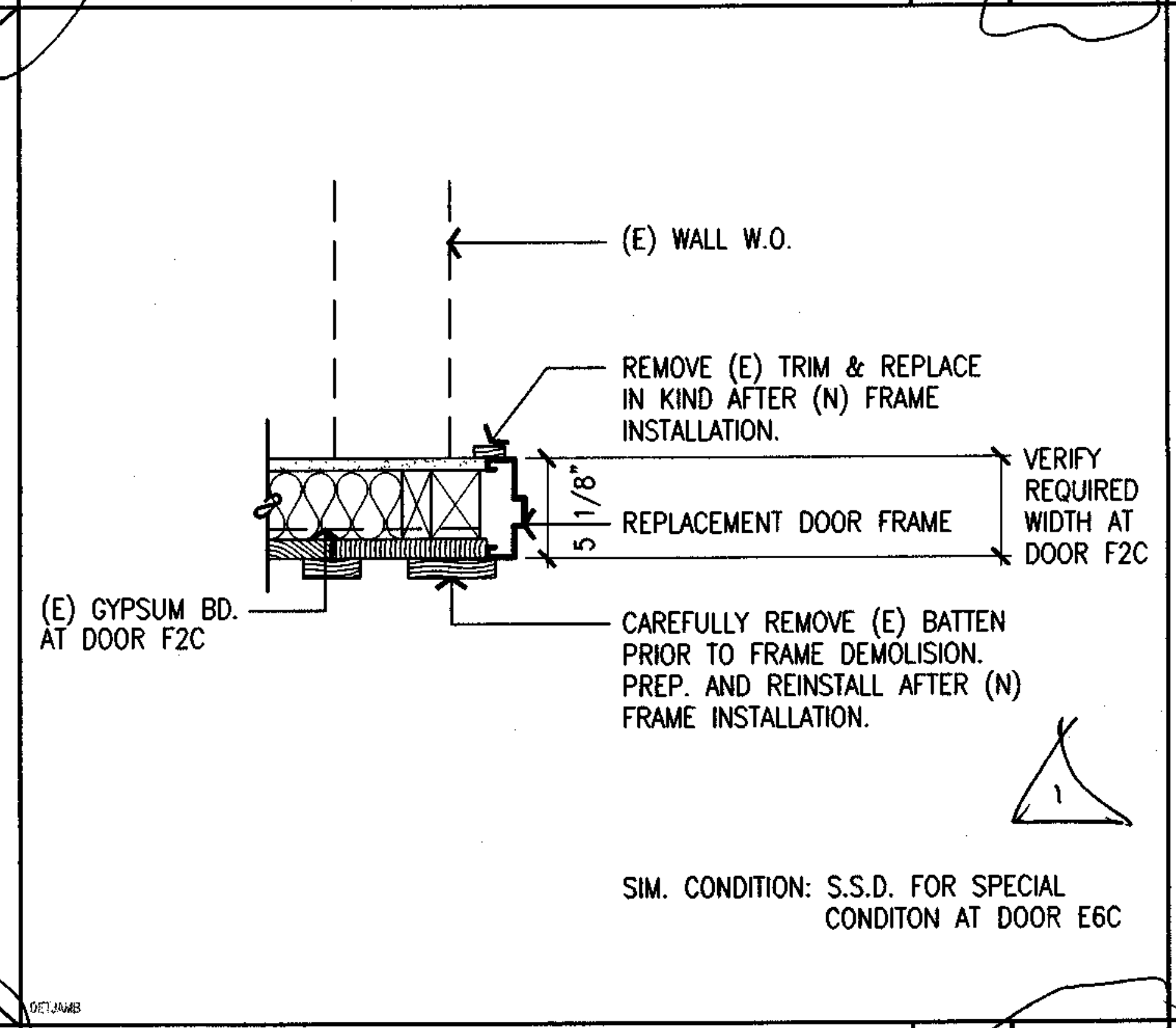
DRINKING FOUNTAIN | 1 1/2" | 7


(E) WALL
ACCESSIBLE D.F. BEHIND (SHOWN DASHED)
1 1/4" N.P.S. STL. PIPE W/5"ø X 1/4" STL. PLATE W/ (4) 3/8" ø EXPANSION ANCHORS W/ 3 1/2" EMBED. (5585# TENSION) GRIND SMOOTH EDGES OF STL. PLATE. GALV. AFTER ASSEMBLY.
(E) CONC SLAB
3"
1'-4"
R=3" TYP.
2'-6"
1/4"
6"
3/4"

DRINKING FOUNTAIN SIDE RAILS | 1" | 3

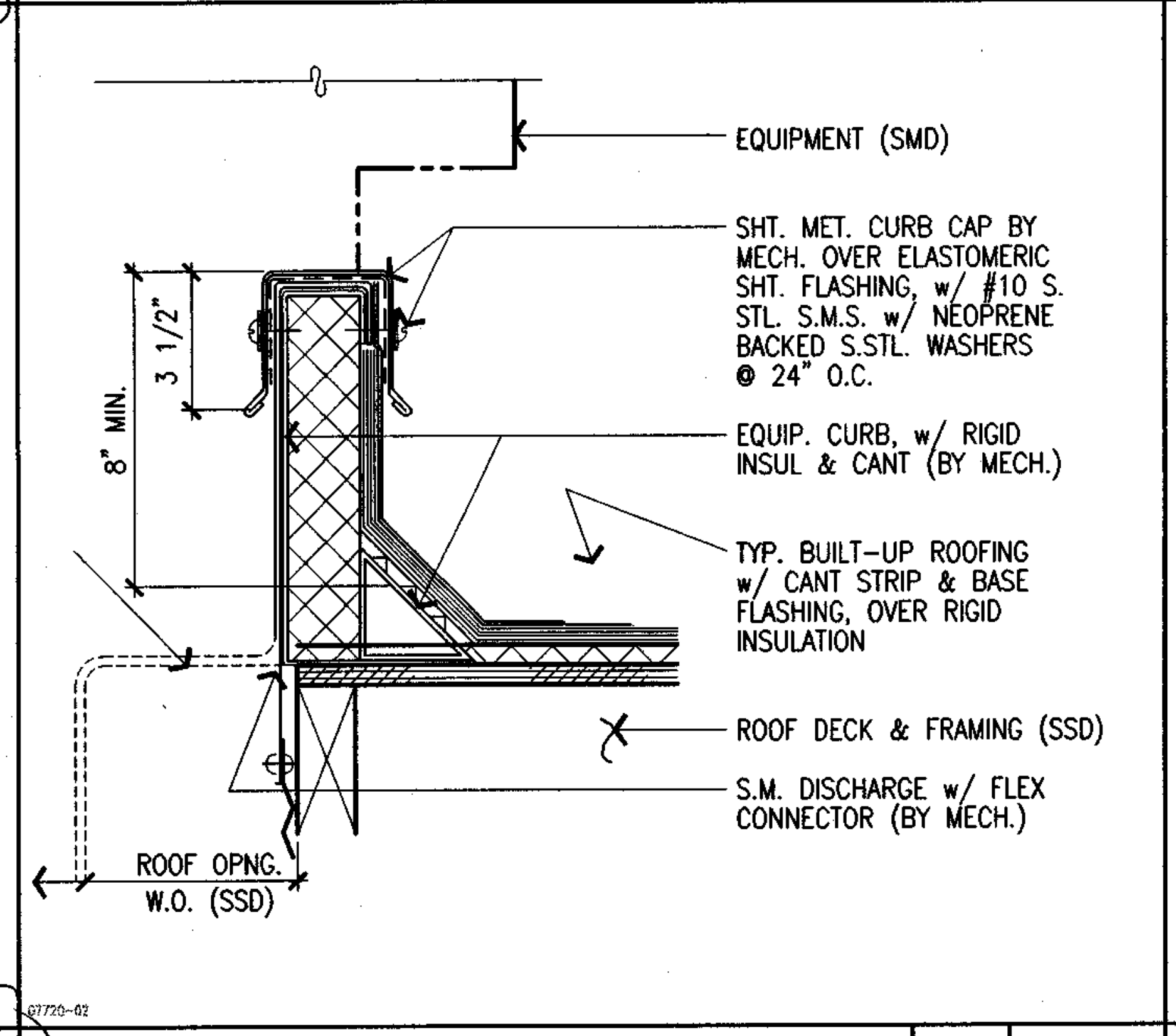

REMOVE (E) TRIM & REPLACE IN KIND AFTER (N) FRAME INSTALLATION.
5 1/4"
REPLACEMENT DOOR FRAME
CAREFULLY REMOVE (E) BATTEN PRIOR TO FRAME DEMOLISION. PREP. AND REINSTALL AFTER (N) FRAME INSTALLATION.
NOT USED
1

DOOR JAMB CONCRETE COLUMN | 1 1/2" | 20

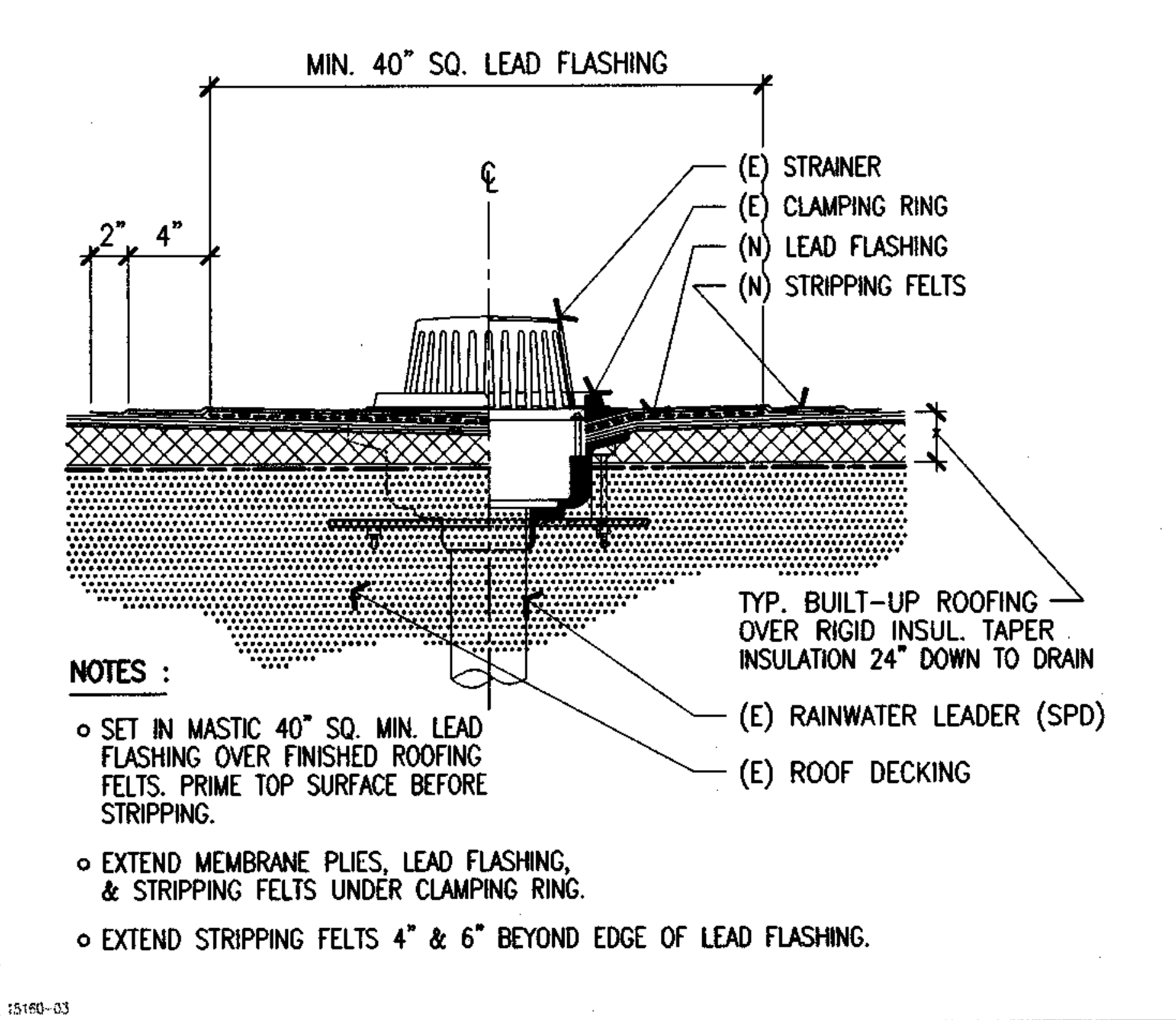

(E) WALL W.O.
REMOVE (E) TRIM & REPLACE IN KIND AFTER (N) FRAME INSTALLATION.
5 1/8"
REPLACEMENT DOOR FRAME
VERIFY REQUIRED WIDTH AT DOOR F2C
(E) GYPSUM BD. AT DOOR F2C
CAREFULLY REMOVE (E) BATTEN PRIOR TO FRAME DEMOLISION. PREP. AND REINSTALL AFTER (N) FRAME INSTALLATION.
1

SIM. CONDITION: S.S.D. FOR SPECIAL CONDITON AT DOOR E6C

DOOR JAMB EXTERIOR WALL | 1 1/2" | 16

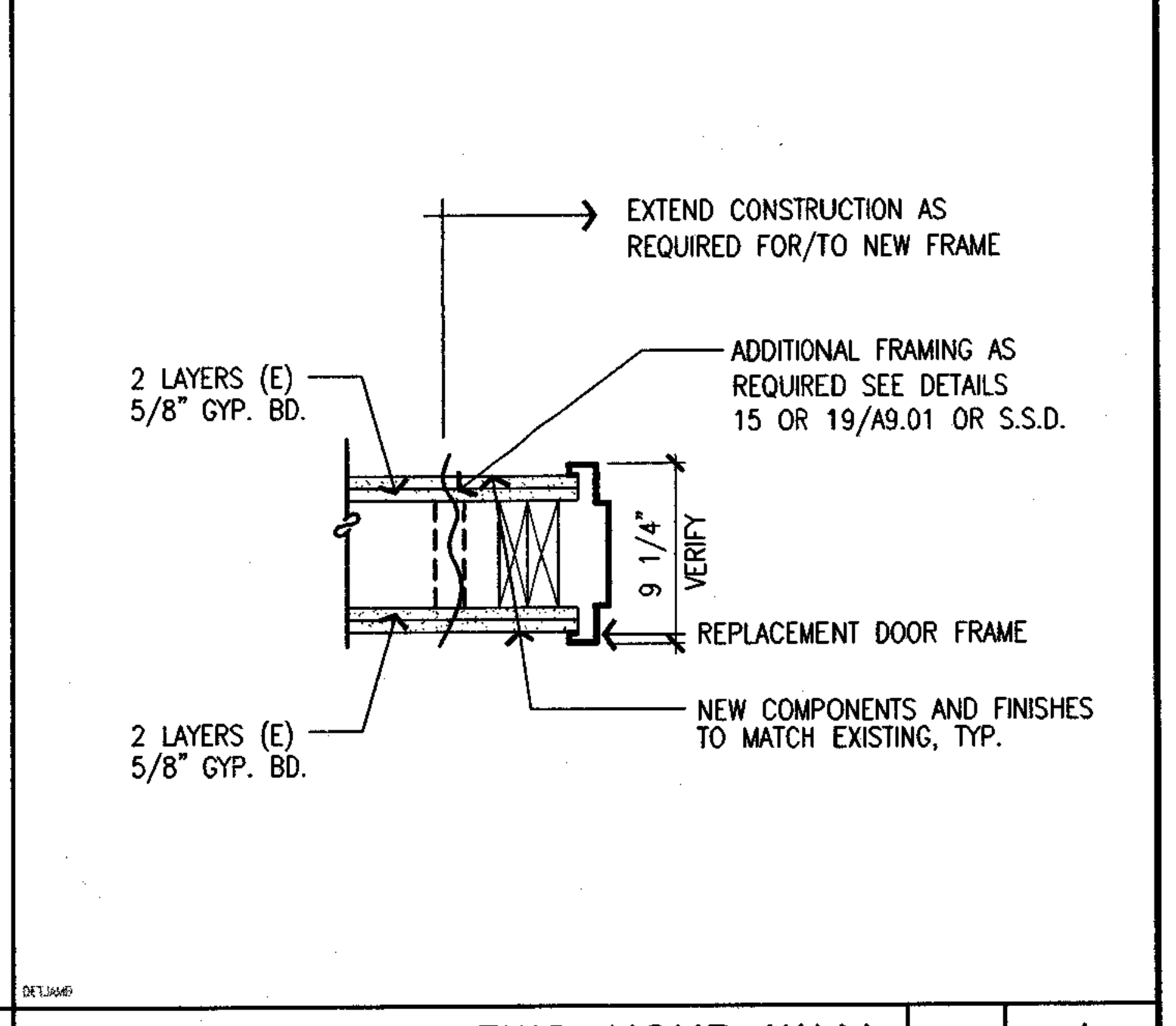

EQUIPMENT (SMD)
SHT. MET. CURB CAP BY MECH. OVER ELASTOMERIC SHT. FLASHING, w/ #10 S. STL. S.M.S. w/ NEOPRENE BACKED S.STL. WASHERS @ 24" O.C.
EQUIP. CURB, w/ RIGID INSUL & CANT (BY MECH.)
TYP. BUILT-UP ROOFING w/ CANT STRIP & BASE FLASHING, OVER RIGID INSULATION
ROOF DECK & FRAMING (SSD)
S.M. DISCHARGE w/ FLEX CONNECTOR (BY MECH.)
3 1/2"
8" MIN.
ROOF OPNG. W.O. (SSD)

MECH. ROOF CURB | 3" | 12


MIN. 40" SQ. LEAD FLASHING
2"
4"
(E) STRAINER
(E) CLAMPING RING
(N) LEAD FLASHING
(N) STRIPPING FELTS
TYP. BUILT-UP ROOFING OVER RIGID INSUL. TAPER INSULATION 24" DOWN TO DRAIN
(E) RAINWATER LEADER (SPD)
(E) ROOF DECKING

NOTES :
- SET IN MASTIC 40" SQ. MIN. LEAD FLASHING OVER FINISHED ROOFING FELTS. PRIME TOP SURFACE BEFORE STRIPPING.
- EXTEND MEMBRANE PLIES, LEAD FLASHING, & STRIPPING FELTS UNDER CLAMPING RING.
- EXTEND STRIPPING FELTS 4" & 6" BEYOND EDGE OF LEAD FLASHING.

BUILT-UP ROOFING AT ROOF DRAIN | NTS | 8


EXTEND CONSTRUCTION AS REQUIRED FOR/TO NEW FRAME
ADDITIONAL FRAMING AS REQUIRED SEE DETAILS 15 OR 19/A9.01 OR S.S.D.
2 LAYERS (E) 5/8" GYP. BD.
9 1/4" VERIFY
REPLACEMENT DOOR FRAME
2 LAYERS (E) 5/8" GYP. BD.
NEW COMPONENTS AND FINISHES TO MATCH EXISTING, TYP.

DOOR JAMB IN TWO HOUR WALL | 1 1/2" | 4

STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% EST. HOURS

VBN ARCHITECTS
560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313
☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP: 12/31/99 STATE OF CALIFORNIA
ARCHITECT'S STAMP

CONSULTANT'S STAMP

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS
APPL# 01-101836 DATE 11/17/03

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

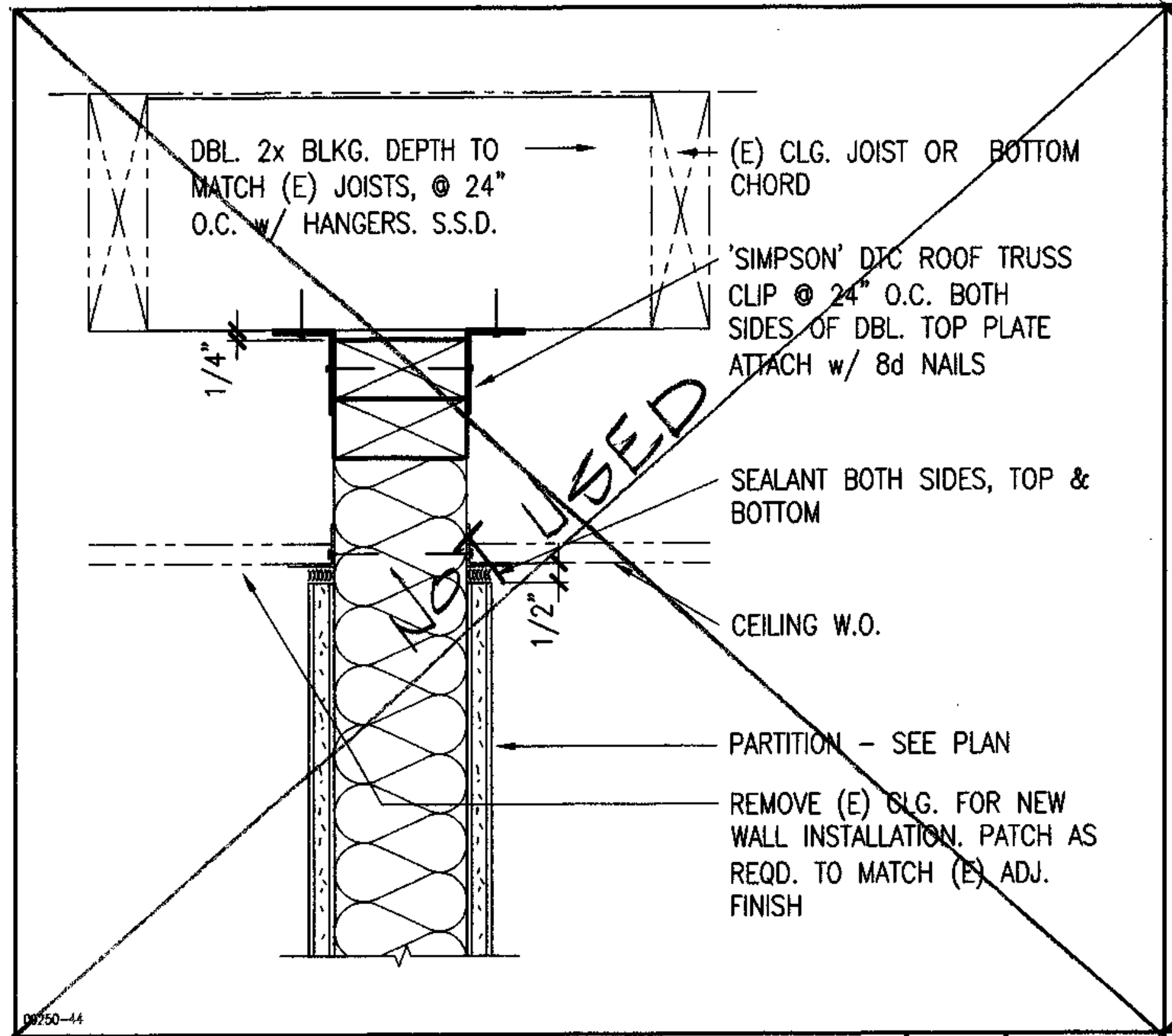
A08.01

JOB NO: 99041B OF SHEETS

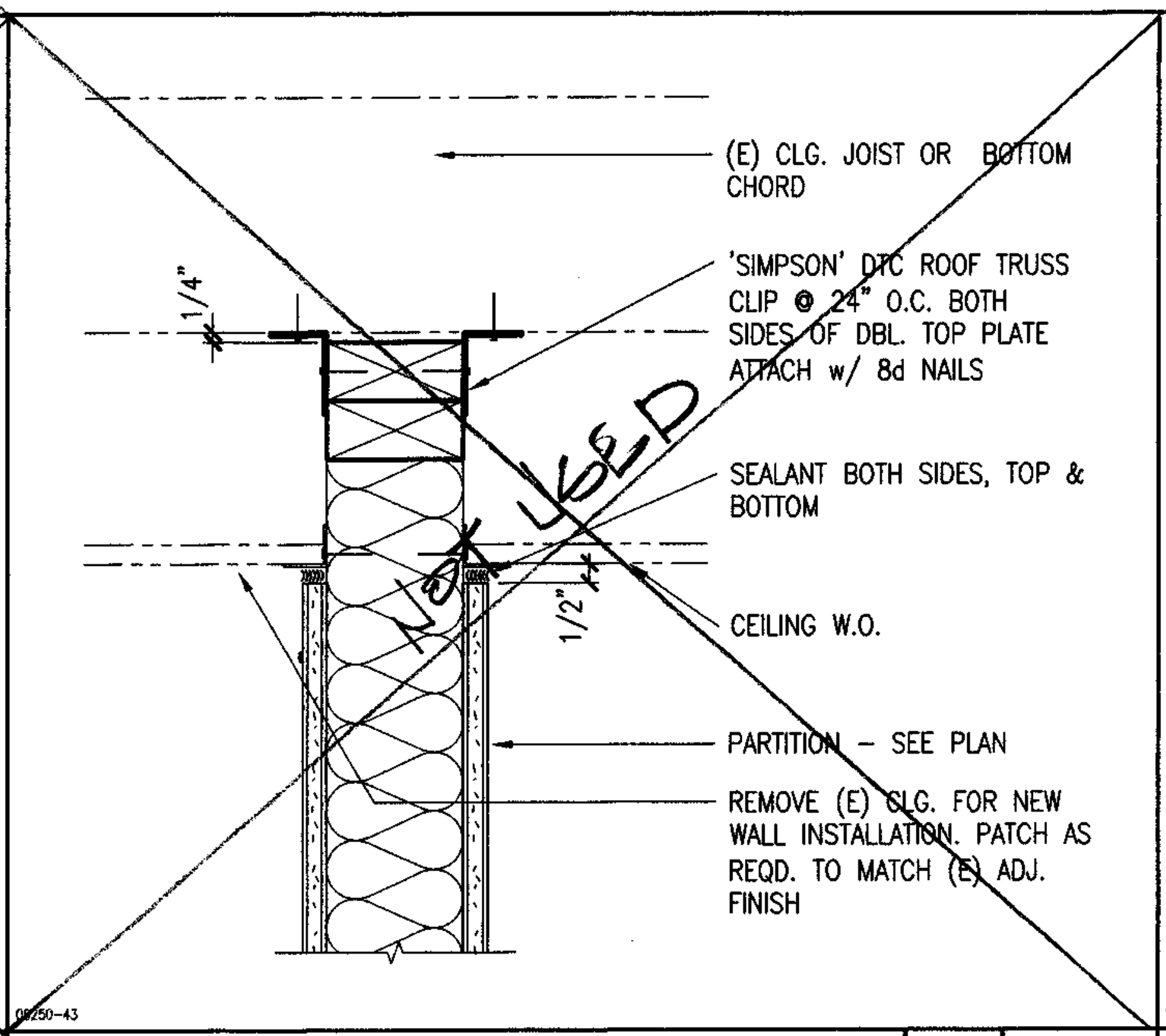
EST. HOURS

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

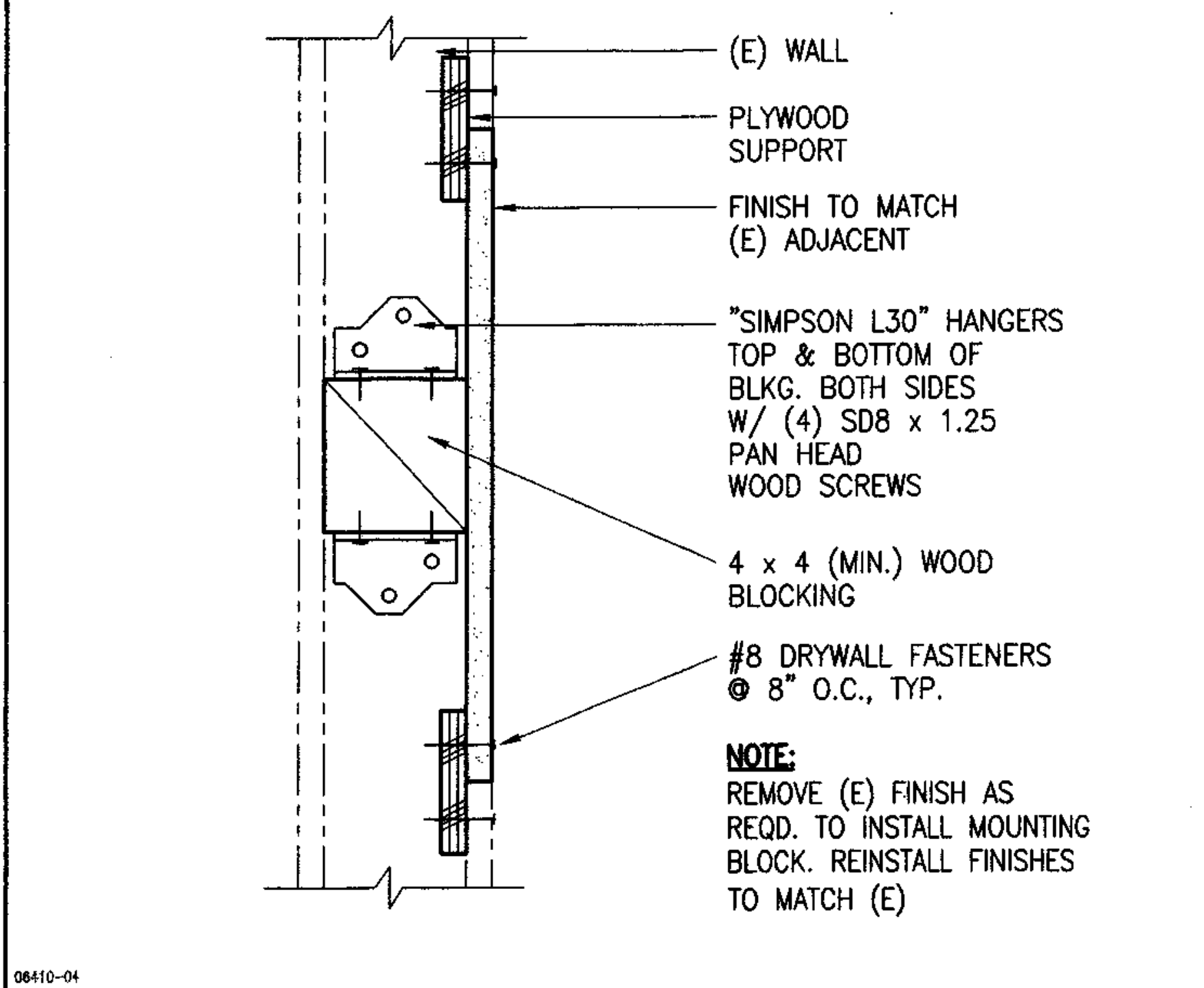
STATUS BAR


DBL. 2x BLKG. DEPTH TO MATCH (E) JOISTS, @ 24" O.C. w/ HANGERS. S.S.D.
(E) CLG. JOIST OR BOTTOM CHORD
'SIMPSON' DTC ROOF TRUSS CLIP @ 24" O.C. BOTH SIDES OF DBL. TOP PLATE ATTACH w/ 8d NAILS
1/4"
SEALANT BOTH SIDES, TOP & BOTTOM
1/2"
NOT USED
CEILING W.O.
PARTITION - SEE PLAN
REMOVE (E) CLG. FOR NEW WALL INSTALLATION. PATCH AS REQD. TO MATCH (E) ADJ. FINISH
09250-44

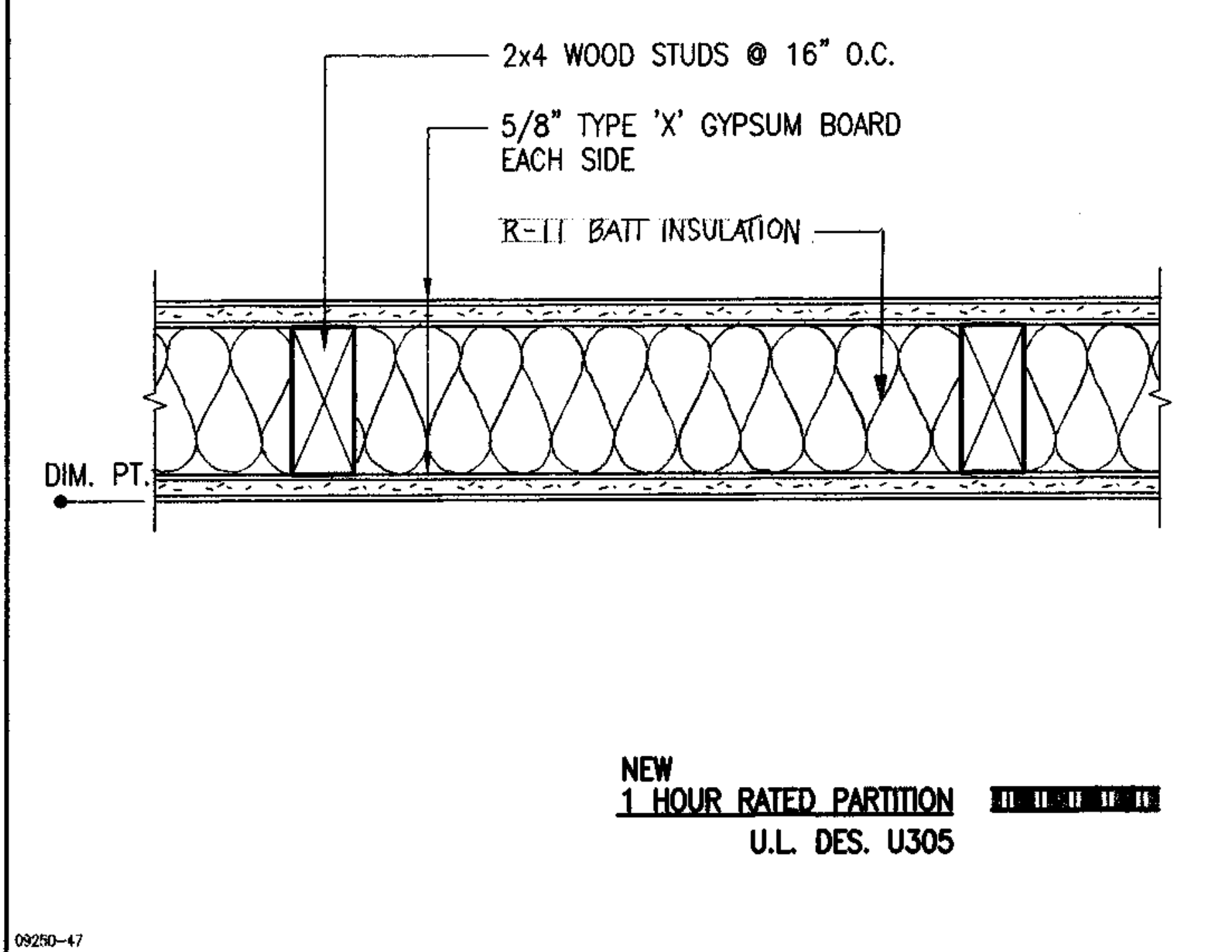
PARTITION PARALLEL TO (E) JOISTS 3" 17


(E) CLG. JOIST OR BOTTOM CHORD
'SIMPSON' DTC ROOF TRUSS CLIP @ 24" O.C. BOTH SIDES OF DBL. TOP PLATE ATTACH w/ 8d NAILS
1/4"
SEALANT BOTH SIDES, TOP & BOTTOM
1/2"
NOT USED
CEILING W.O.
PARTITION - SEE PLAN
REMOVE (E) CLG. FOR NEW WALL INSTALLATION. PATCH AS REQD. TO MATCH (E) ADJ. FINISH
09250-43

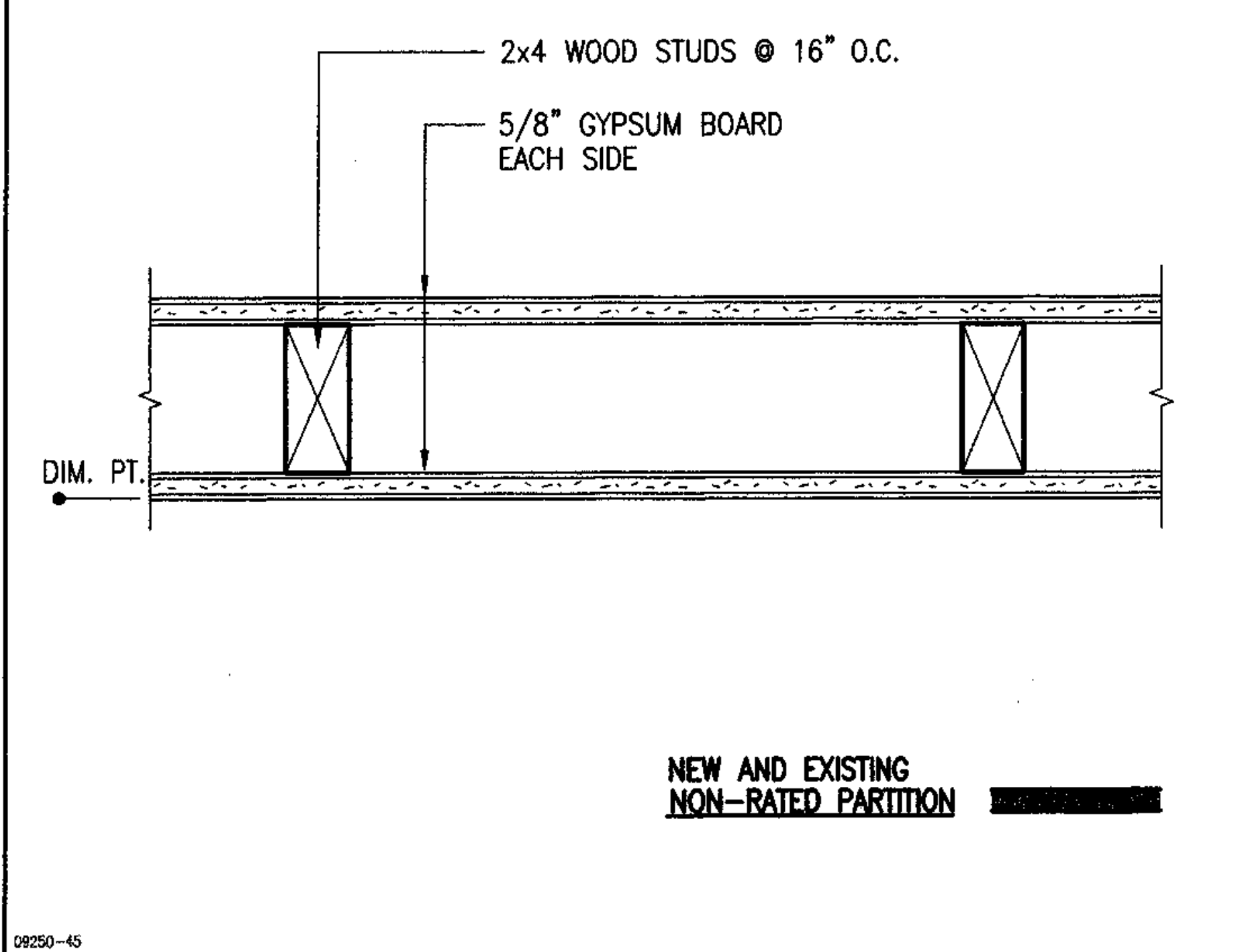
PARTITION PERP. TO (E) JOISTS 3" 13


(E) WALL
PLYWOOD SUPPORT
FINISH TO MATCH (E) ADJACENT
"SIMPSON L30" HANGERS TOP & BOTTOM OF BLKG. BOTH SIDES W/ (4) SD8 x 1.25 PAN HEAD WOOD SCREWS
4 x 4 (MIN.) WOOD BLOCKING
#8 DRYWALL FASTENERS @ 8" O.C., TYP.
NOTE:
REMOVE (E) FINISH AS REQD. TO INSTALL MOUNTING BLOCK. REINSTALL FINISHES TO MATCH (E)
06410-04

TYP. BLOCKING @ (E) WALL 3" 9

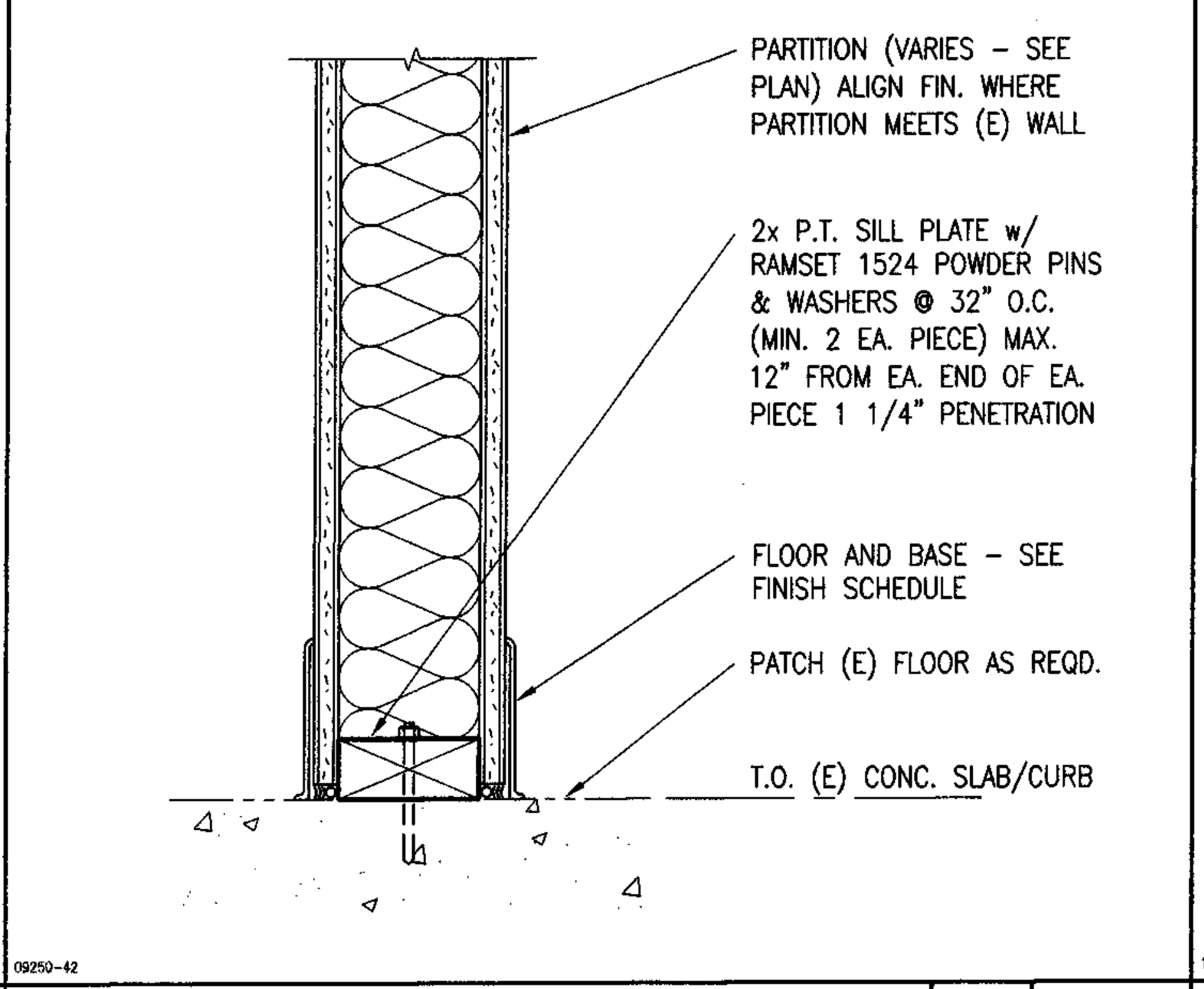


PARTITION TYPE B2 3" B2

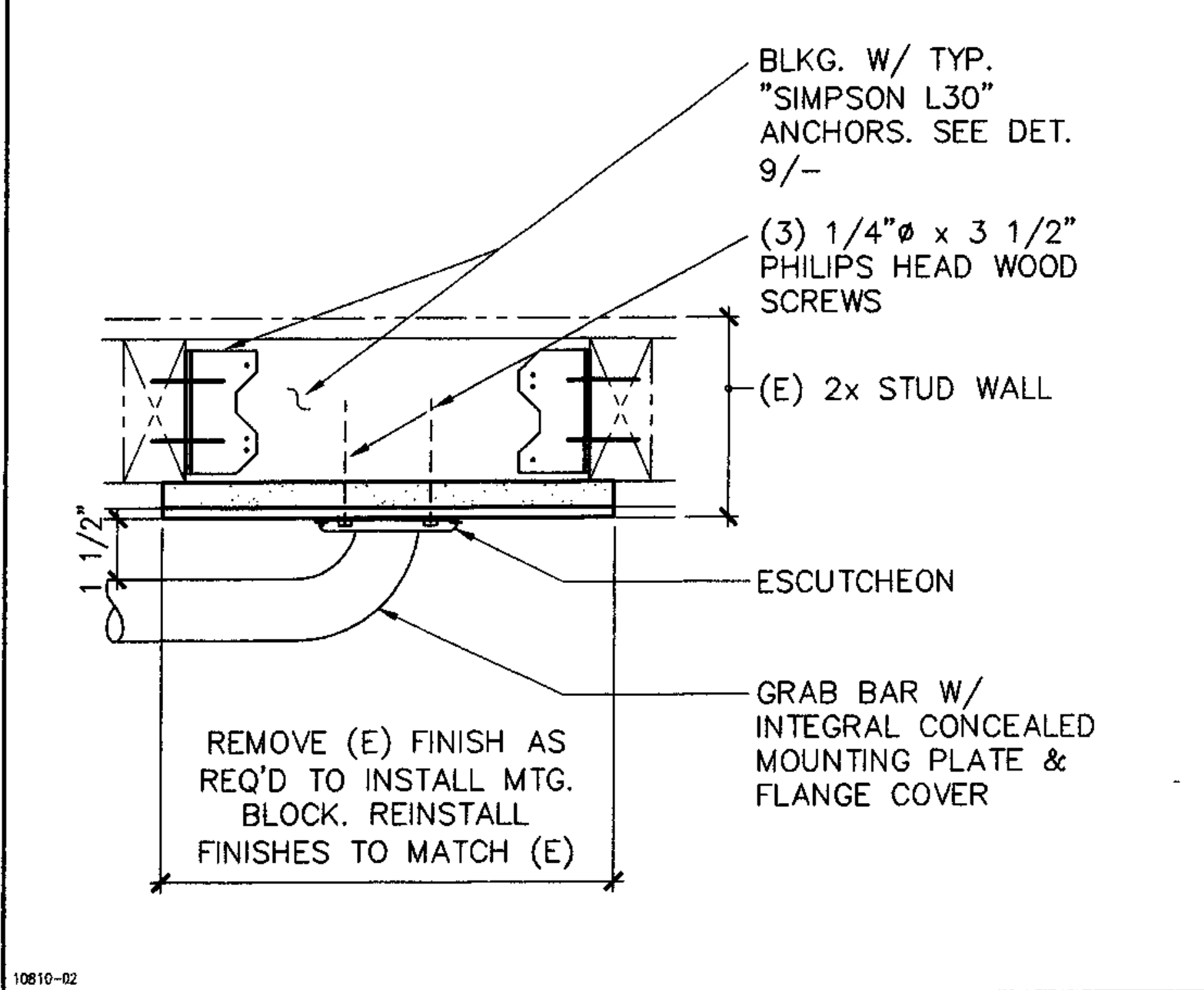


PARTITION TYPE A 3" A

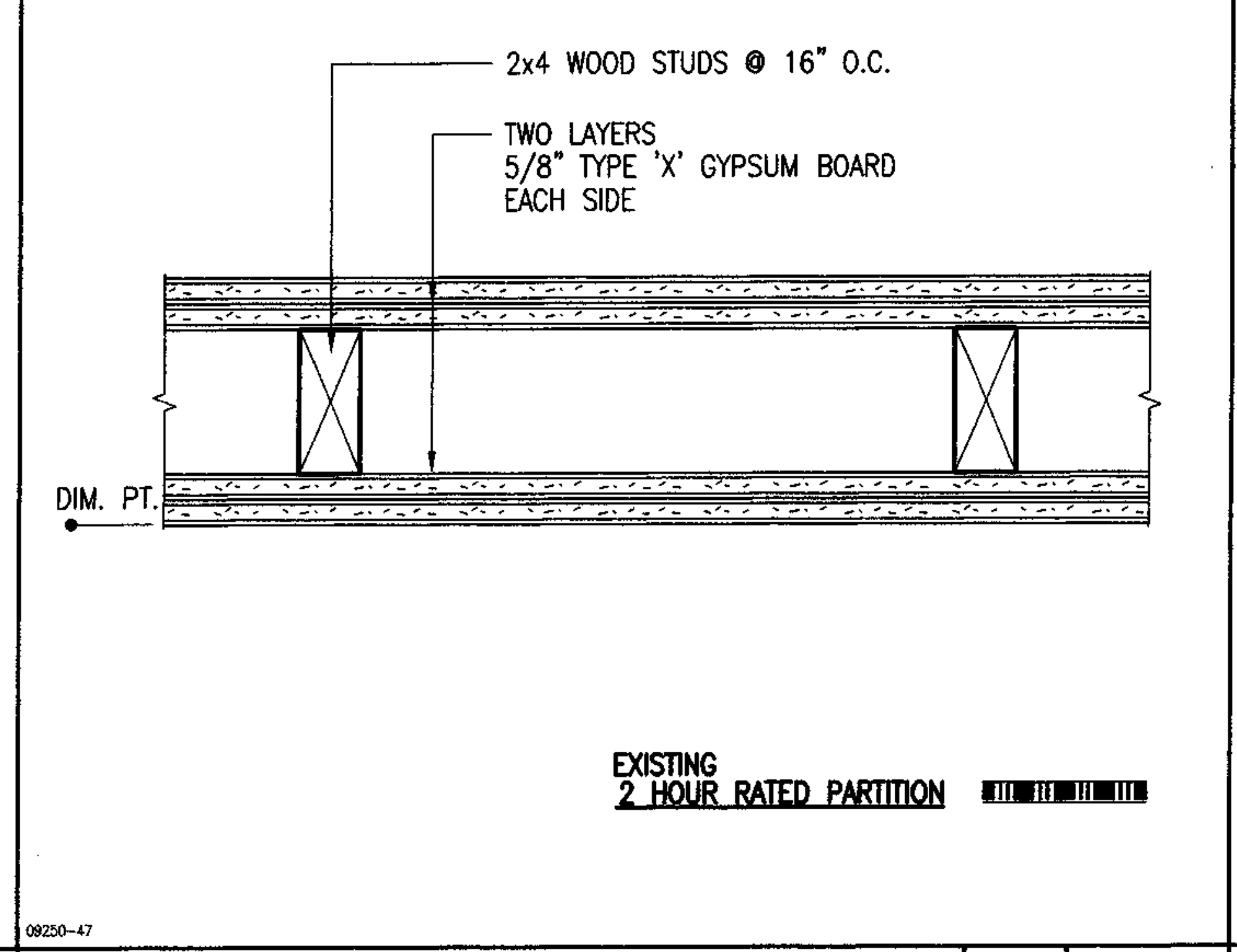
NOT USED SCALE 18


PARTITION (VARIES - SEE PLAN) ALIGN FIN. WHERE PARTITION MEETS (E) WALL
2x P.T. SILL PLATE w/ RAMSET 1524 POWDER PINS & WASHERS @ 32" O.C. (MIN. 2 EA. PIECE) MAX. 12" FROM EA. END OF EA. PIECE 1 1/4" PENETRATION
FLOOR AND BASE - SEE FINISH SCHEDULE
PATCH (E) FLOOR AS REQD.
T.O. (E) CONC. SLAB/CURB
09250-42

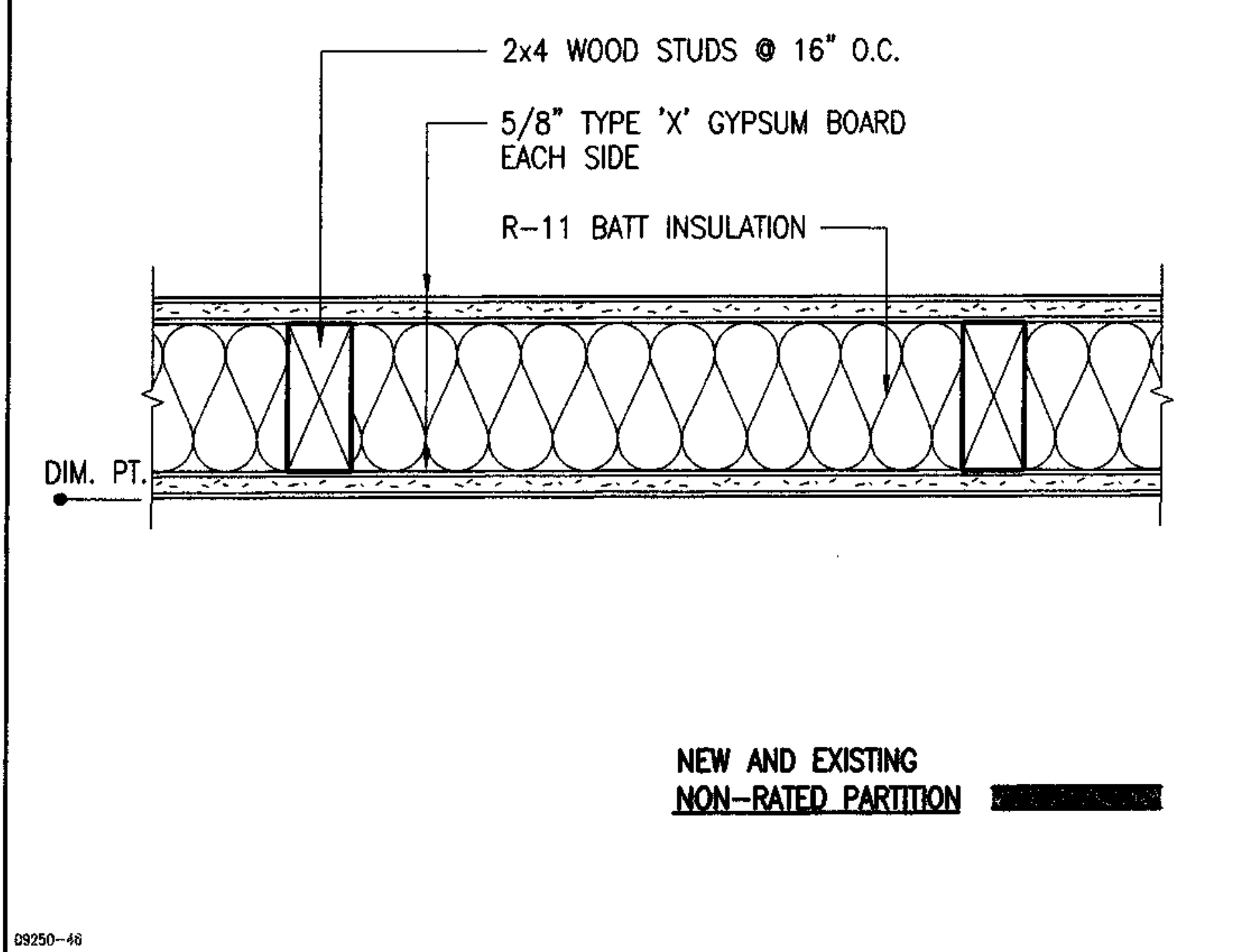
PARTITION SILL CONNECTION 3" 14


BLKG. W/ TYP. "SIMPSON L30" ANCHORS. SEE DET. 9/-
(3) 1/4"ø x 3 1/2" PHILIPS HEAD WOOD SCREWS
(E) 2x STUD WALL
1 1/2"
ESCUTCHEON
GRAB BAR W/ INTEGRAL CONCEALED MOUNTING PLATE & FLANGE COVER
REMOVE (E) FINISH AS REQ'D TO INSTALL MTG. BLOCK. REINSTALL FINISHES TO MATCH (E)
10810-02

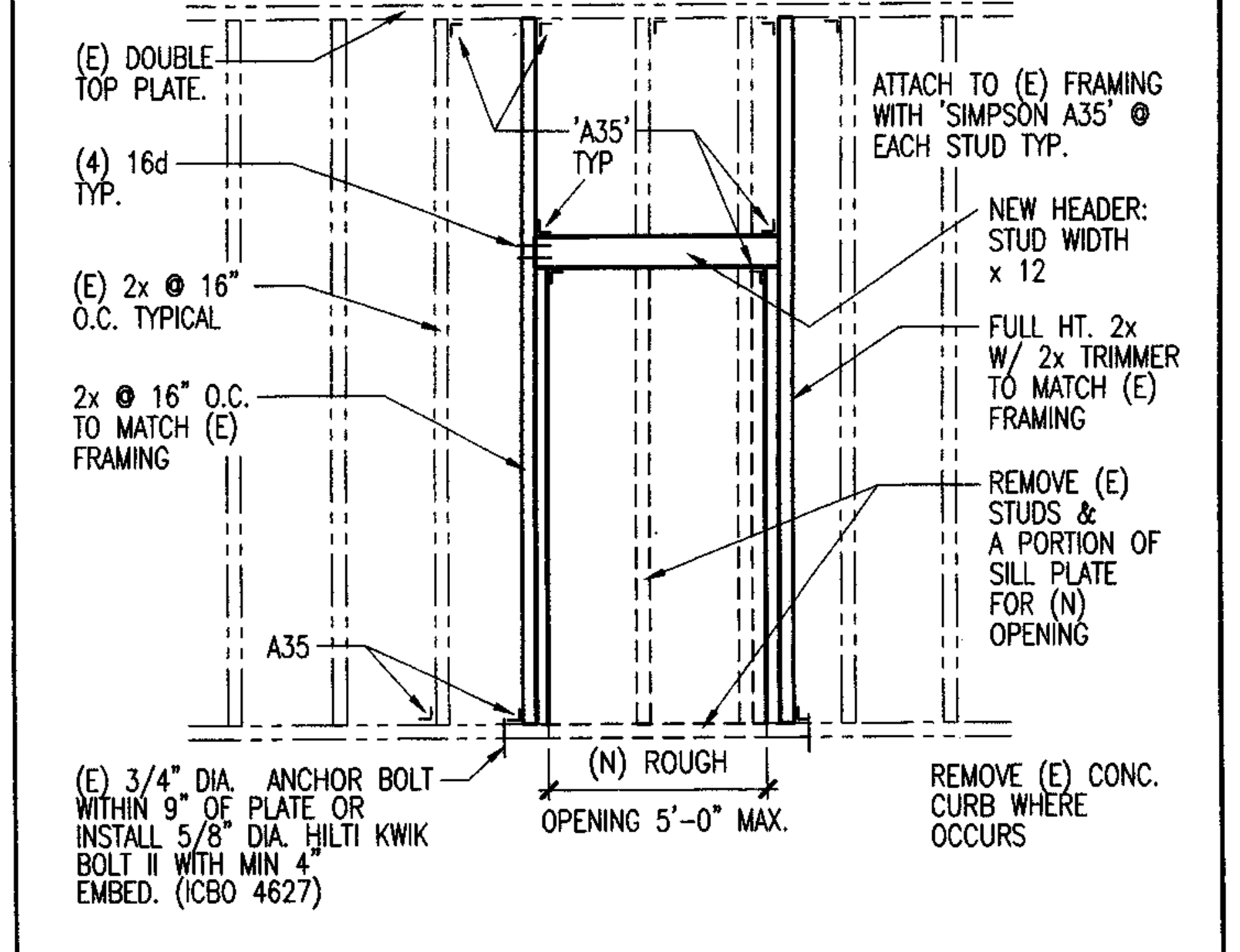
GRAB BAR ANCHORAGE @ (E) WALL 3" 10


2x4 WOOD STUDS @ 16" O.C.
TWO LAYERS 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE
DIM. PT.
EXISTING
2 HOUR RATED PARTITION
09250-47

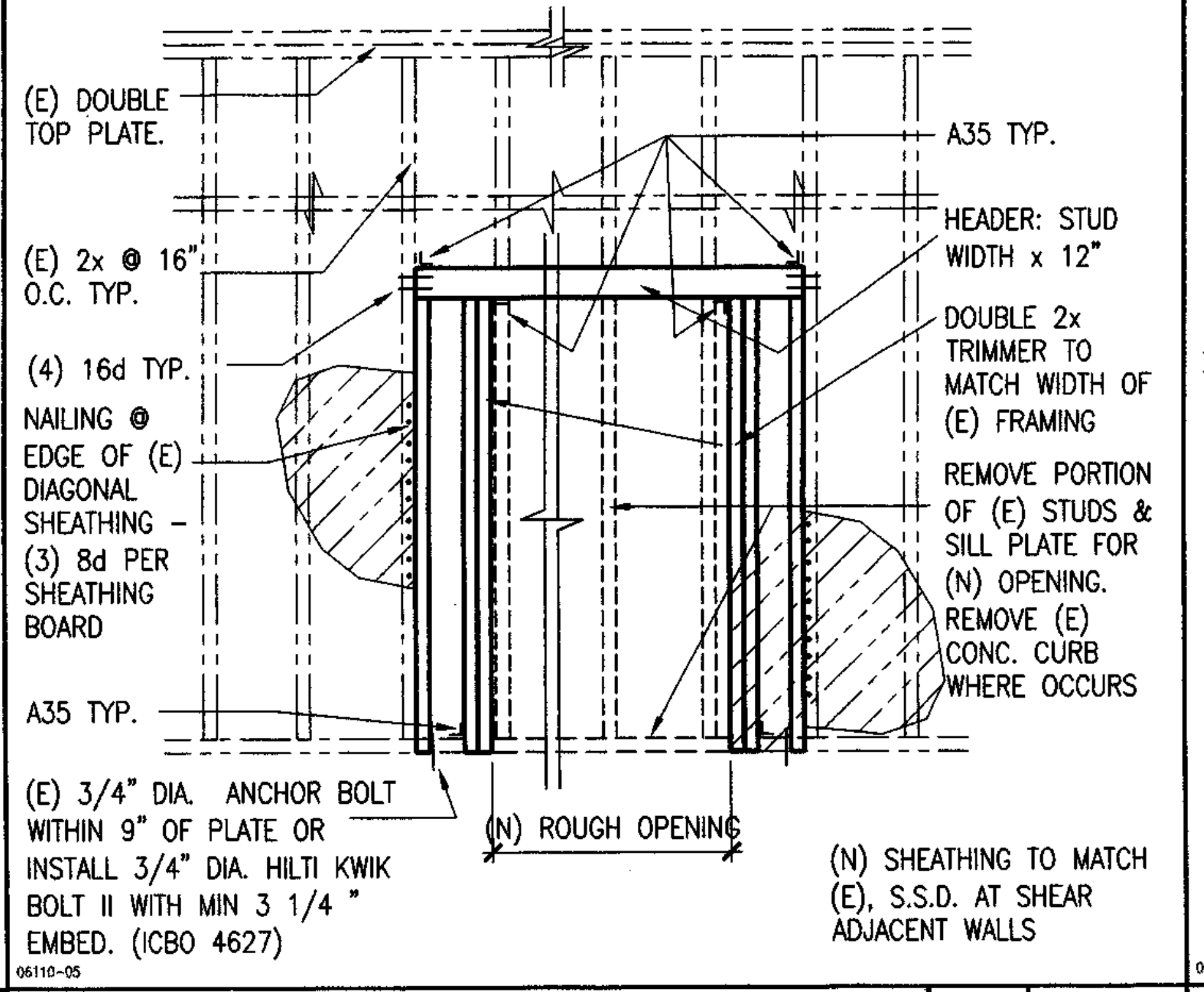
PARTITION TYPE C1 3" C1



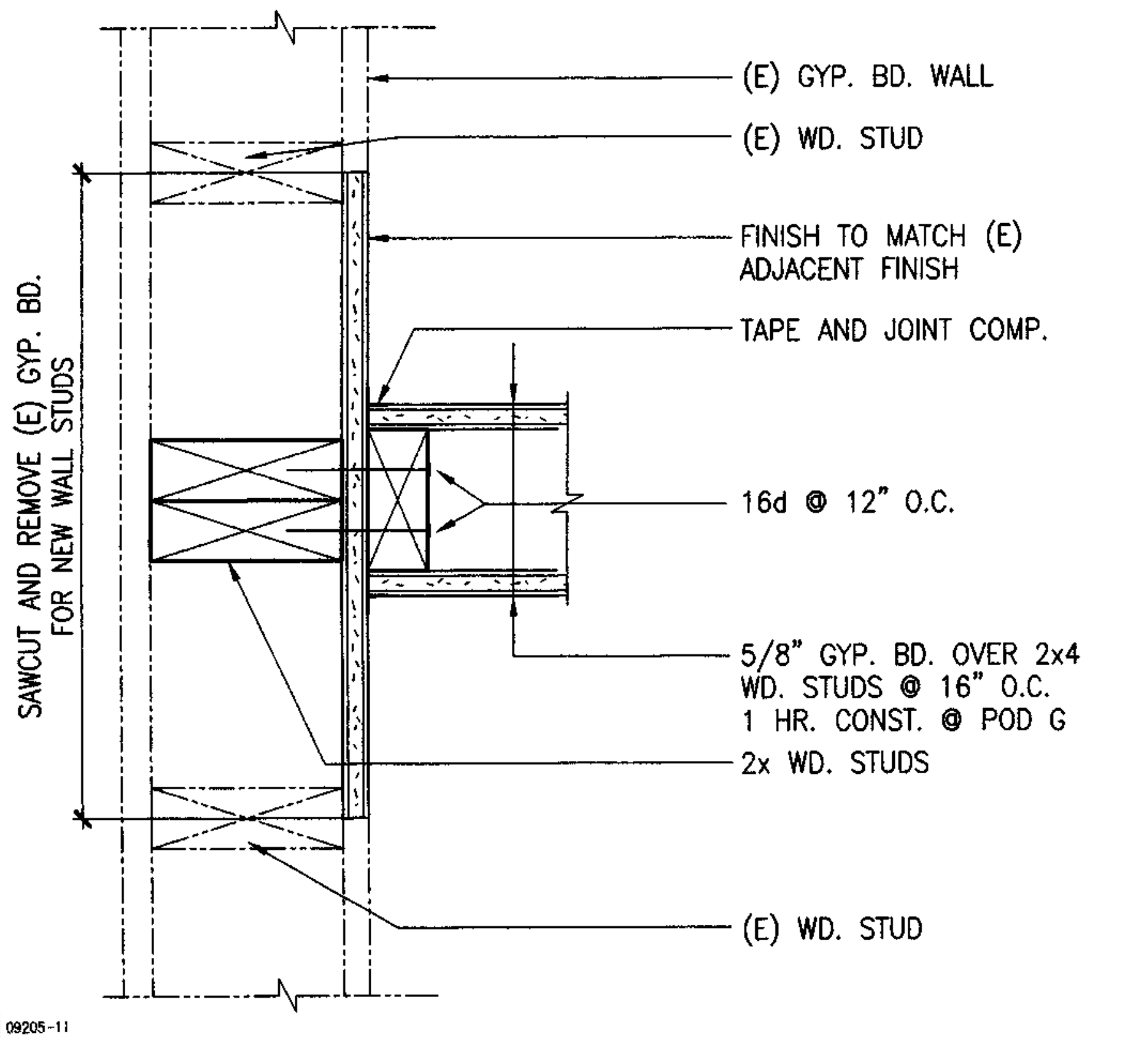
PARTITION TYPE A1 3" A1


(E) DOUBLE TOP PLATE.
(4) 16d TYP.
(E) 2x @ 16" O.C. TYPICAL
2x @ 16" O.C. TO MATCH (E) FRAMING
A35
'A35' TYP
ATTACH TO (E) FRAMING WITH 'SIMPSON A35' @ EACH STUD TYP.
NEW HEADER: STUD WIDTH x 12
FULL HT. 2x W/ 2x TRIMMER TO MATCH (E) FRAMING
REMOVE (E) STUDS & A PORTION OF SILL PLATE FOR (N) OPENING
(E) 3/4" DIA. ANCHOR BOLT WITHIN 9" OF PLATE OR INSTALL 5/8" DIA. HILTI KWIK BOLT II WITH MIN 4" EMBED. (ICBO 4627)
(N) ROUGH OPENING 5'-0" MAX.
REMOVE (E) CONC. CURB WHERE OCCURS
06110-03

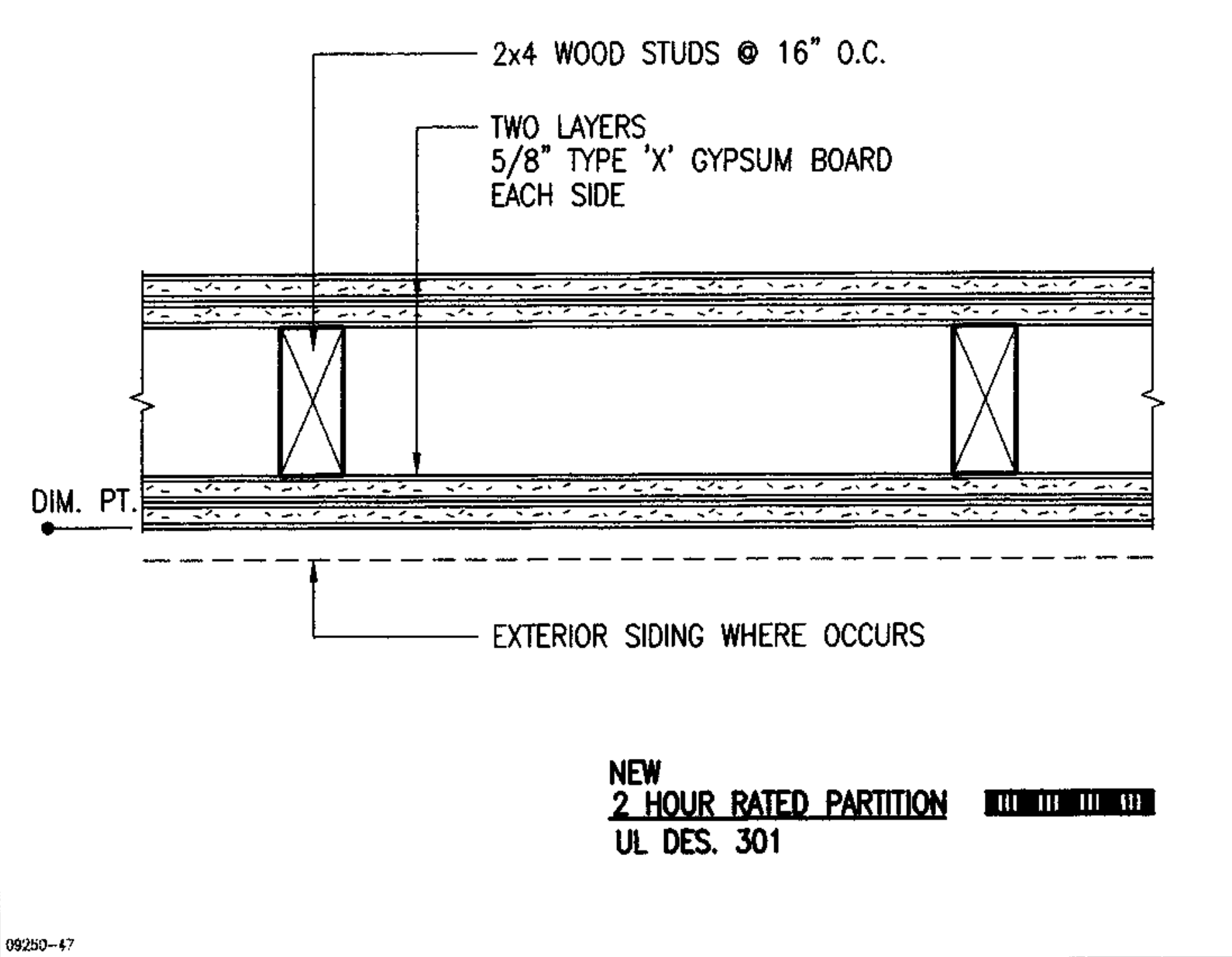
OPENING IN EXIST. WD. WALL 1" 19


(E) DOUBLE TOP PLATE.
(E) 2x @ 16" O.C. TYP.
(4) 16d TYP.
NAILING @ EDGE OF (E) DIAGONAL SHEATHING - (3) 8d PER SHEATHING BOARD
A35 TYP.
A35 TYP.
HEADER: STUD WIDTH x 12"
DOUBLE 2x TRIMMER TO MATCH WIDTH OF (E) FRAMING
REMOVE PORTION OF (E) STUDS & SILL PLATE FOR (N) OPENING. REMOVE (E) CONC. CURB WHERE OCCURS
(E) 3/4" DIA. ANCHOR BOLT WITHIN 9" OF PLATE OR INSTALL 3/4" DIA. HILTI KWIK BOLT II WITH MIN 3 1/4 " EMBED. (ICBO 4627)
(N) ROUGH OPENING
(N) SHEATHING TO MATCH (E), S.S.D. AT SHEAR ADJACENT WALLS
06110-05

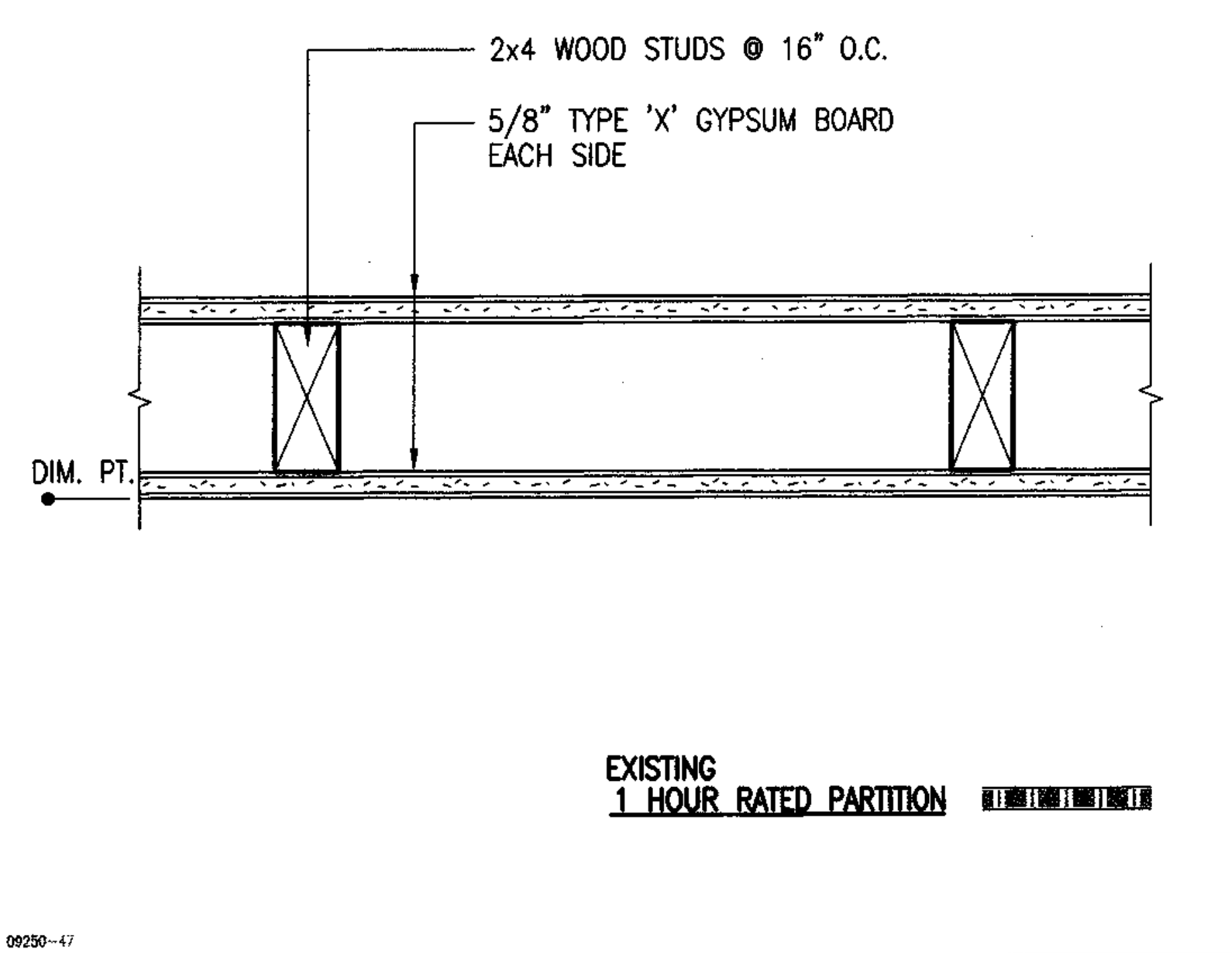
OPENING IN EXIST. WD. WALL 1" 15


(E) GYP. BD. WALL
(E) WD. STUD
FINISH TO MATCH (E) ADJACENT FINISH
TAPE AND JOINT COMP.
SAWCUT AND REMOVE (E) GYP. BD. FOR NEW WALL STUDS
16d @ 12" O.C.
5/8" GYP. BD. OVER 2x4 WD. STUDS @ 16" O.C. 1 HR. CONST. @ POD G
2x WD. STUDS
(E) WD. STUD
09205-11

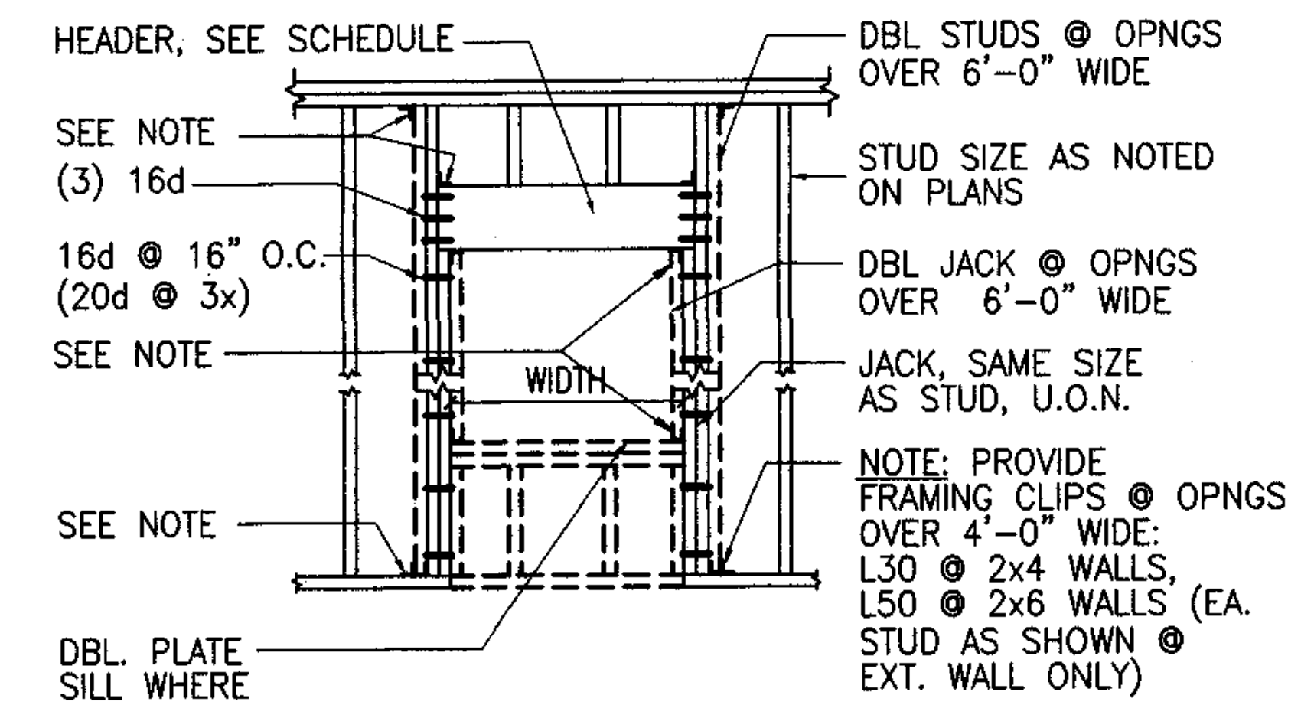
(N) PARTITION @ (E) WALL 3" 11


2x4 WOOD STUDS @ 16" O.C.
TWO LAYERS 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE
DIM. PT.
EXTERIOR SIDING WHERE OCCURS
NEW
2 HOUR RATED PARTITION
UL DES. 301
09250-47

PARTITION TYPE C2 3" C2


2x4 WOOD STUDS @ 16" O.C.
5/8" TYPE 'X' GYPSUM BOARD EACH SIDE
DIM. PT.
EXISTING
1 HOUR RATED PARTITION
09250-47

PARTITION TYPE B 3" B


HEADER, SEE SCHEDULE
SEE NOTE
(3) 16d
16d @ 16" O.C. (20d @ 3x)
SEE NOTE
WIDTH
SEE NOTE
DBL. PLATE SILL WHERE OCCURS
DBL STUDS @ OPNGS OVER 6'-0" WIDE
STUD SIZE AS NOTED ON PLANS
DBL JACK @ OPNGS OVER 6'-0" WIDE
JACK, SAME SIZE AS STUD, U.O.N.
NOTE: PROVIDE FRAMING CLIPS @ OPNGS OVER 4'-0" WIDE: L30 @ 2x4 WALLS, L50 @ 2x6 WALLS (EA. STUD AS SHOWN @ EXT. WALL ONLY)

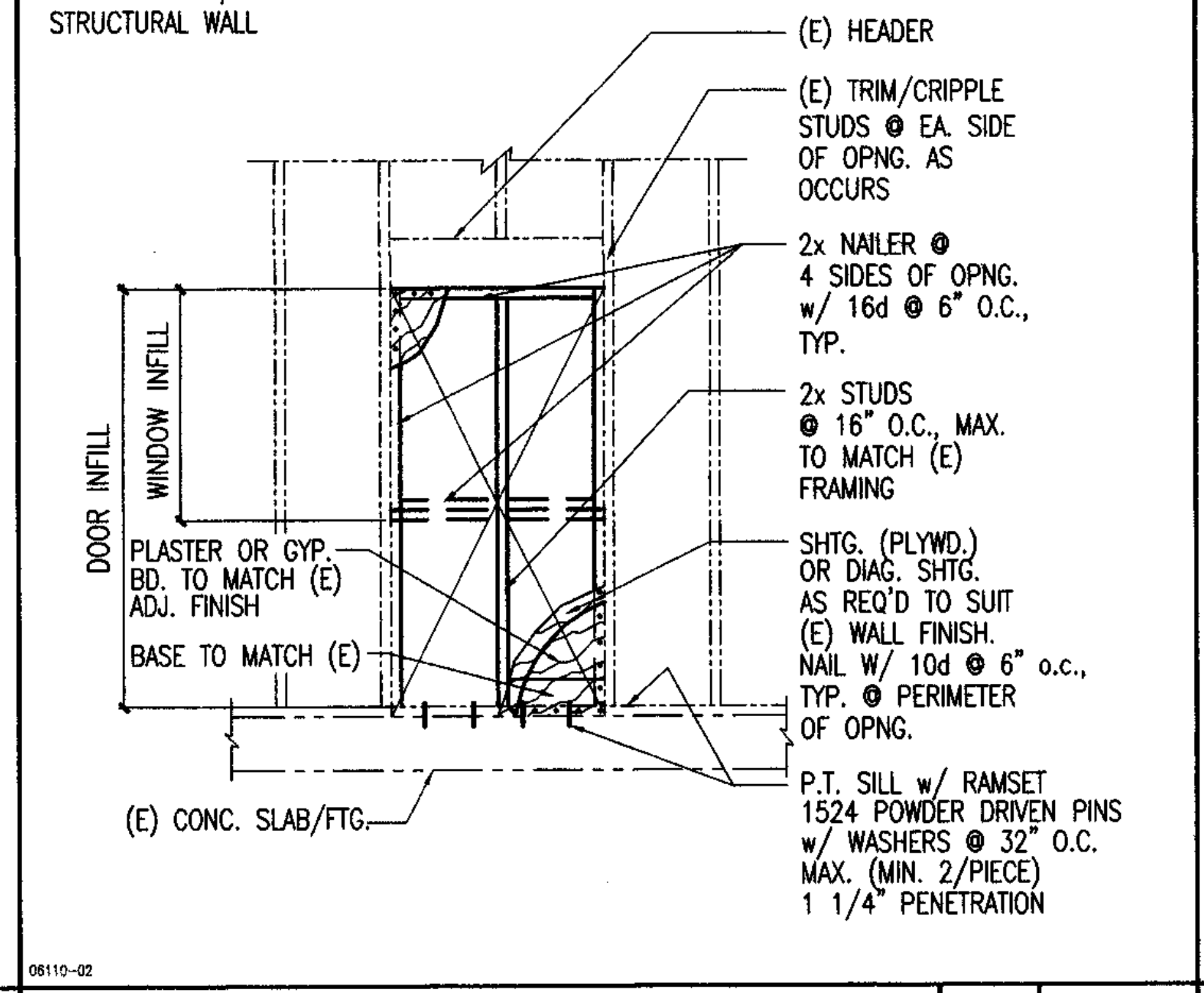
HEADER SCHEDULE

MAX. OPENING WIDTH	BEARING WALL	
	2x4	2x6
3'-0"	4x8	6x8
5'-0"	4x12	6x10
8'-0"	4x14	6x12
OVER 8'-0"	SEE PLAN FOR SIZE	

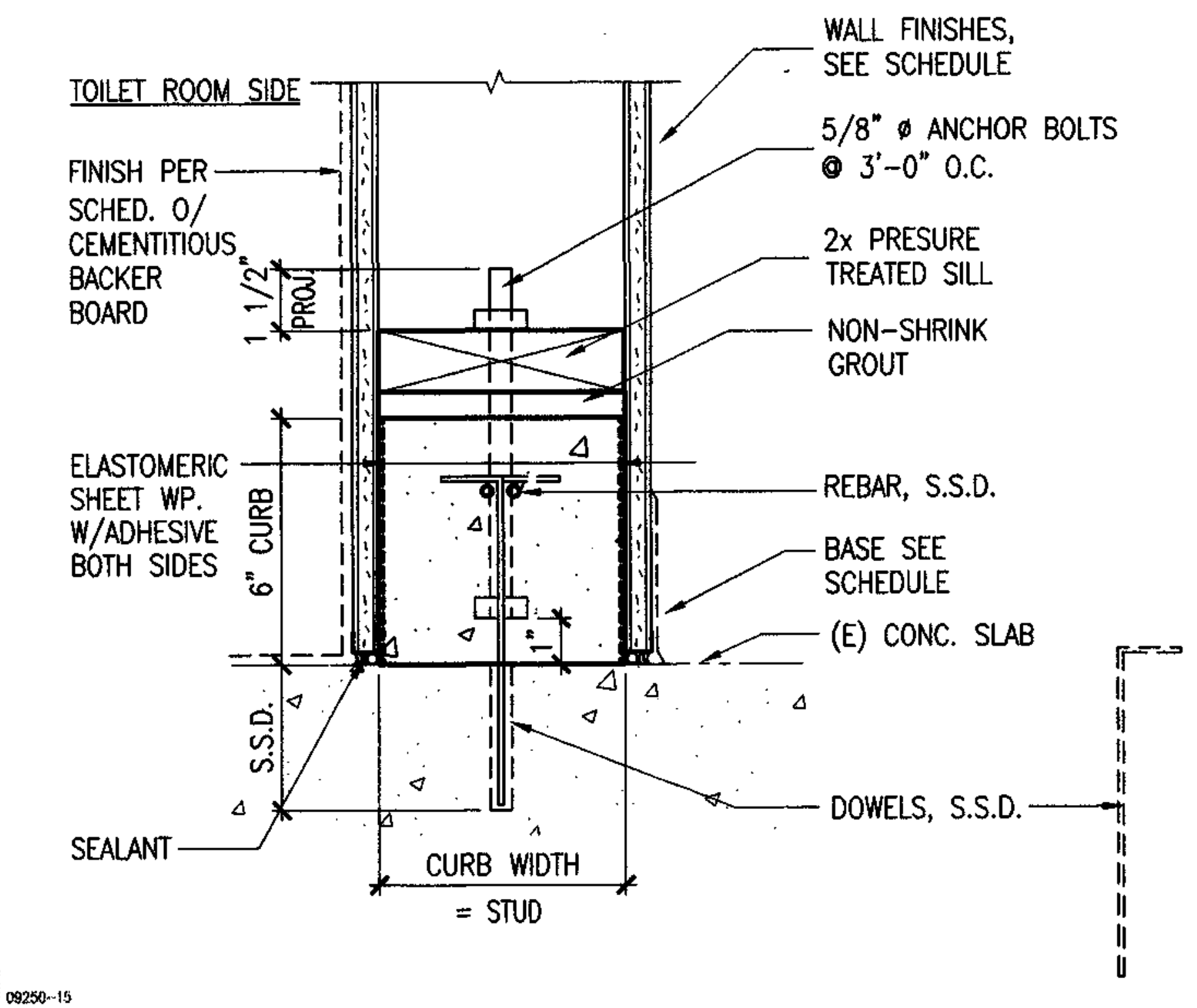
06110-01

FRAMING AT WALL OPENING 1/2" 20

SEE DETAIL 14/S4.1 FOR STRUCTURAL WALL


(E) HEADER
(E) TRIM/CRIPPLE STUDS @ EA. SIDE OF OPNG. AS OCCURS
2x NAILER @ 4 SIDES OF OPNG. w/ 16d @ 6" O.C. TYP.
2x STUDS @ 16" O.C., MAX. TO MATCH (E) FRAMING
SHTG. (PLYWD.) OR DIAG. SHTG. AS REQ'D TO SUIT (E) WALL FINISH. NAIL W/ 10d @ 6" o.c., TYP. @ PERIMETER OF OPNG.
P.T. SILL w/ RAMSET 1524 POWDER DRIVEN PINS w/ WASHERS @ 32" O.C. MAX. (MIN. 2/PIECE) 1 1/4" PENETRATION
DOOR INFILL
WINDOW INFILL
PLASTER OR GYP. BD. TO MATCH (E) ADJ. FINISH
BASE TO MATCH (E)
(E) CONC. SLAB/FTG.
06110-02

NON-STRUCT. WALL INFILL FRAMING 1/2" 16



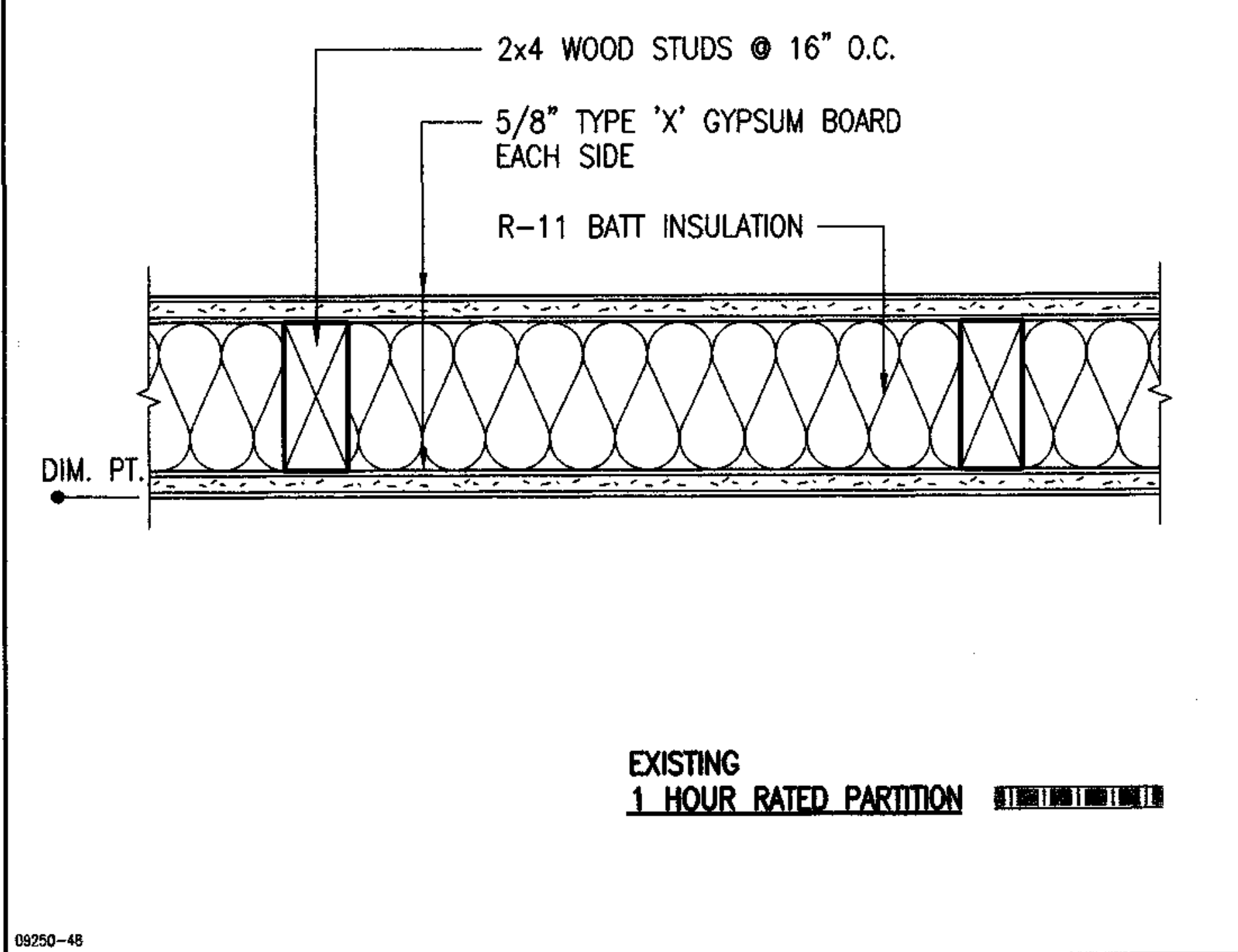
INT. PARTITION SILL @ CONC. CURB 3" 12

NOTES:

1. GYPSUM BOARD FINISHES WILL COMPLY WITH GA-214 LEVELS OF GYPSUM BOARD FINISH.
2. CONTRACTOR WILL VERIFY AND COORDINATE WALLS AND PARTITIONS THAT REQUIRE NON-TYPICAL THICKNESSES OWING TO STRUCTURAL, MECHANICAL, ELECTRICAL, OR EQUIPMENT REQUIREMENTS.
3. GROUNDS 4X4 MINIMUM WILL BE PROVIDED FOR THE ATTACHMENT TO WALLS AND CEILINGS FOR ALL CASEWORK AND EQUIPMENT.
4. SEE DET. 14/- FOR CONNECTION @ SILL.
5. SEE DET. 17/- FOR CONNECTION @ HEAD PARALLEL TO (E) CEILING JOISTS.
6. SEE DET. 13/- FOR CONNECTION @ HEAD PERPENDICULAR TO (E) CEILING JOISTS.
7. NEW RATED WALLS SHALL BE CONTINUOUS FROM SLAB TO ROOF SHEATHING.

09250-51

PARTITION NOTES NTS 8



PARTITION TYPE B1 3" B1

VBN

501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313

- ☐ IL KWON CHA AIA
- ■ LEE KARNEY AIA
- ☐ FRANZ STEINER AIA
- ☐ ELIEZER M. NAOR AIA

LEE KARNEY
C 3158
EXP. 12/31/99

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 101836
AC MY FLS SS MTS
DATE DEC 30 1999

AUTHORITY APPROVAL

PARTITION TYPES & PARTITION DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: CHECKED BY:

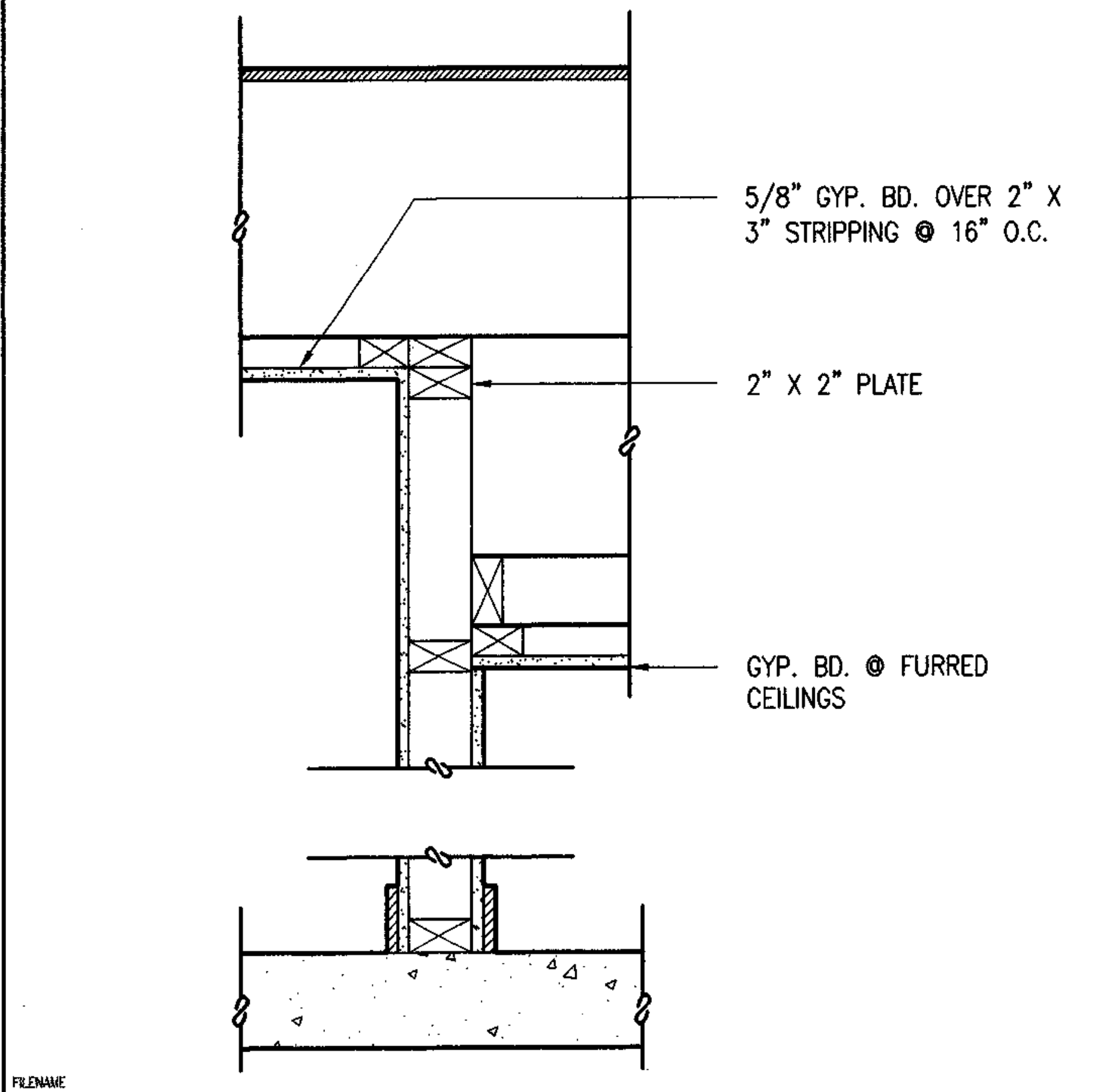
A09.01

JOB NO: 99041B OF SHEETS

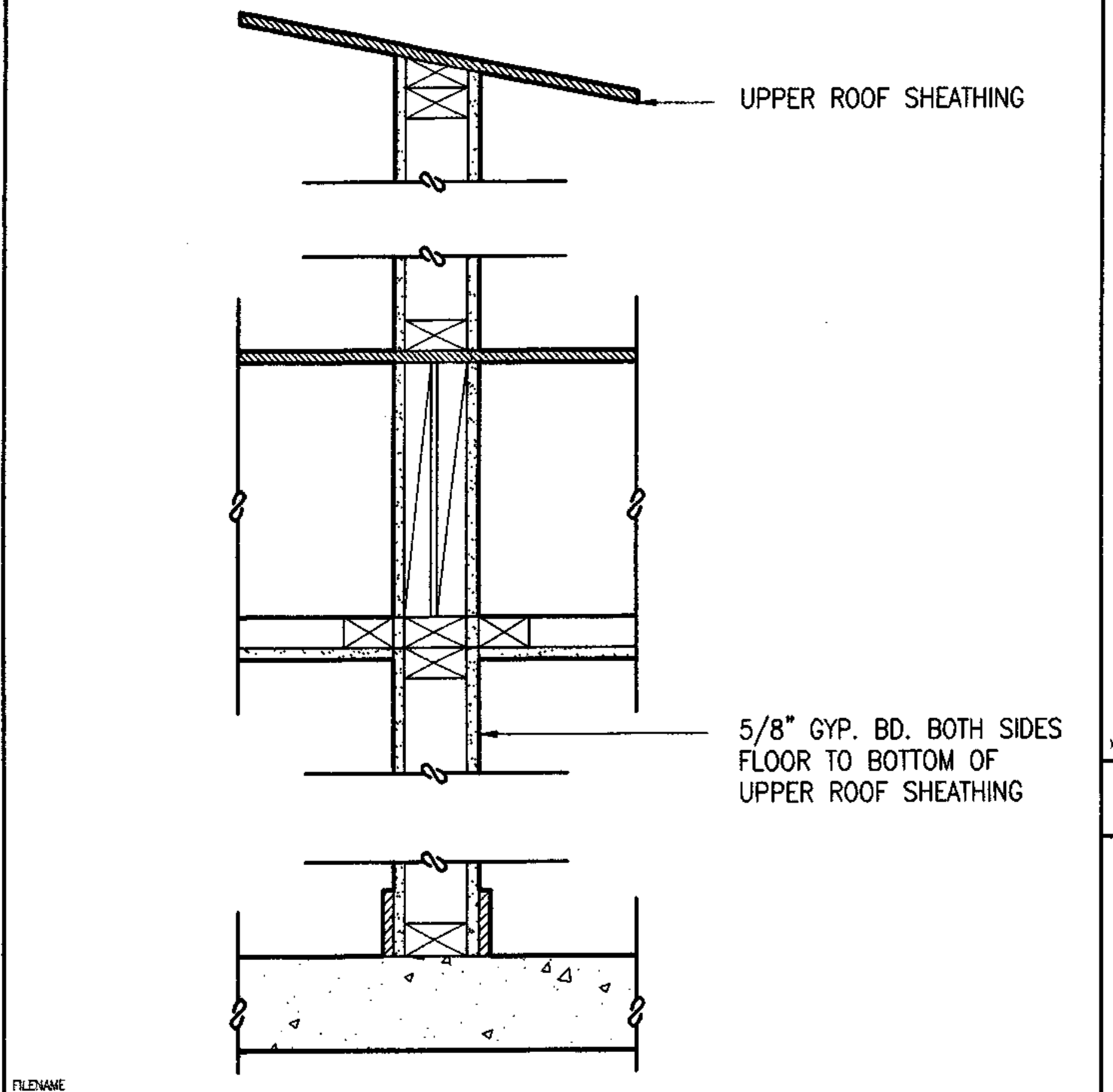
\99041-SanMateo_FosterCity_SD\99041B-Bowditch_Elem\A0901.dwg Mon Nov 15 15:05:30 1999 Michelle

EST. HOURS

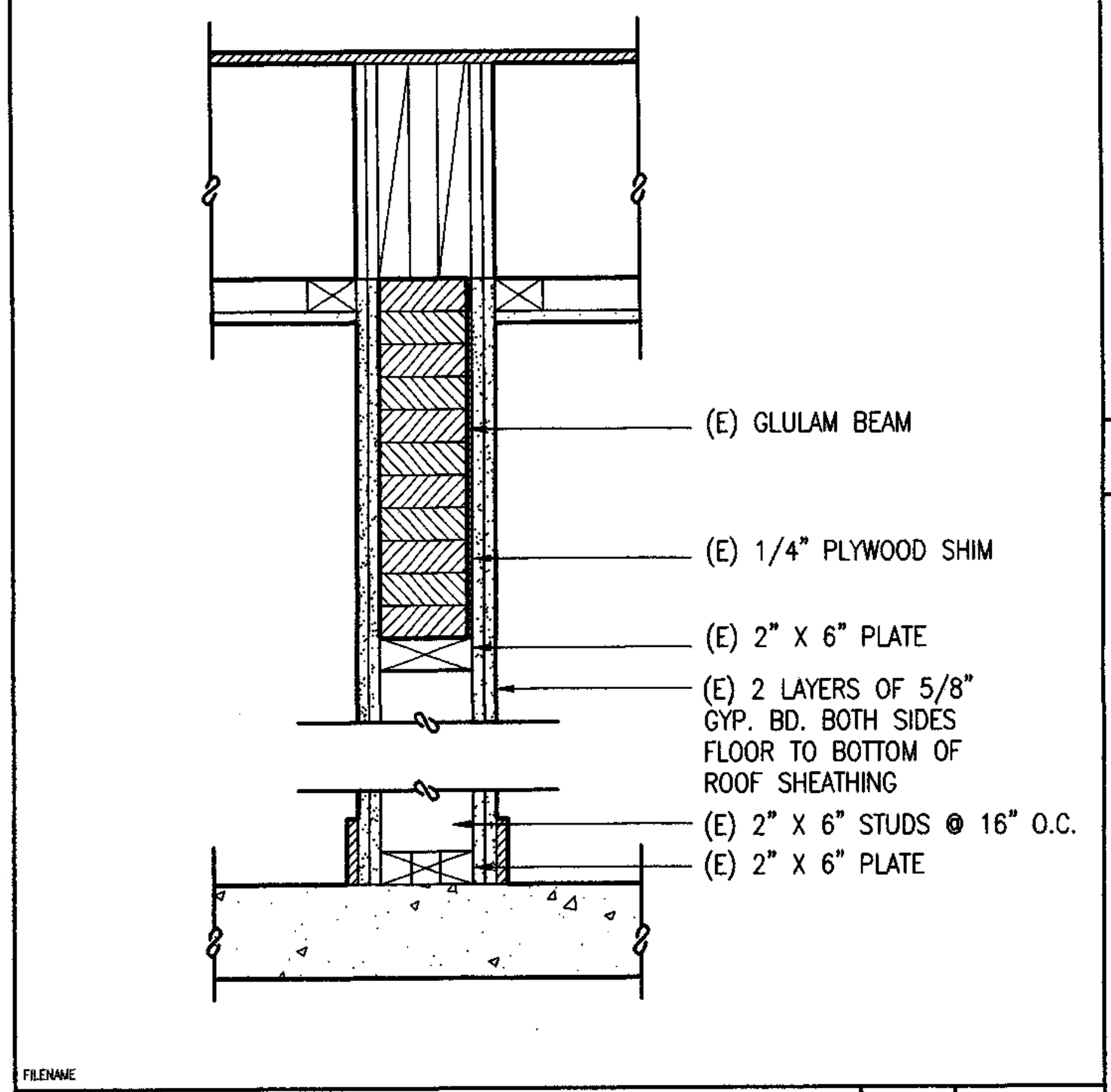
STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%


5/8" GYP. BD. OVER 2" X 3" STRIPPING @ 16" O.C.
2" X 2" PLATE
GYP. BD. @ FURRED CEILINGS
FILENAME

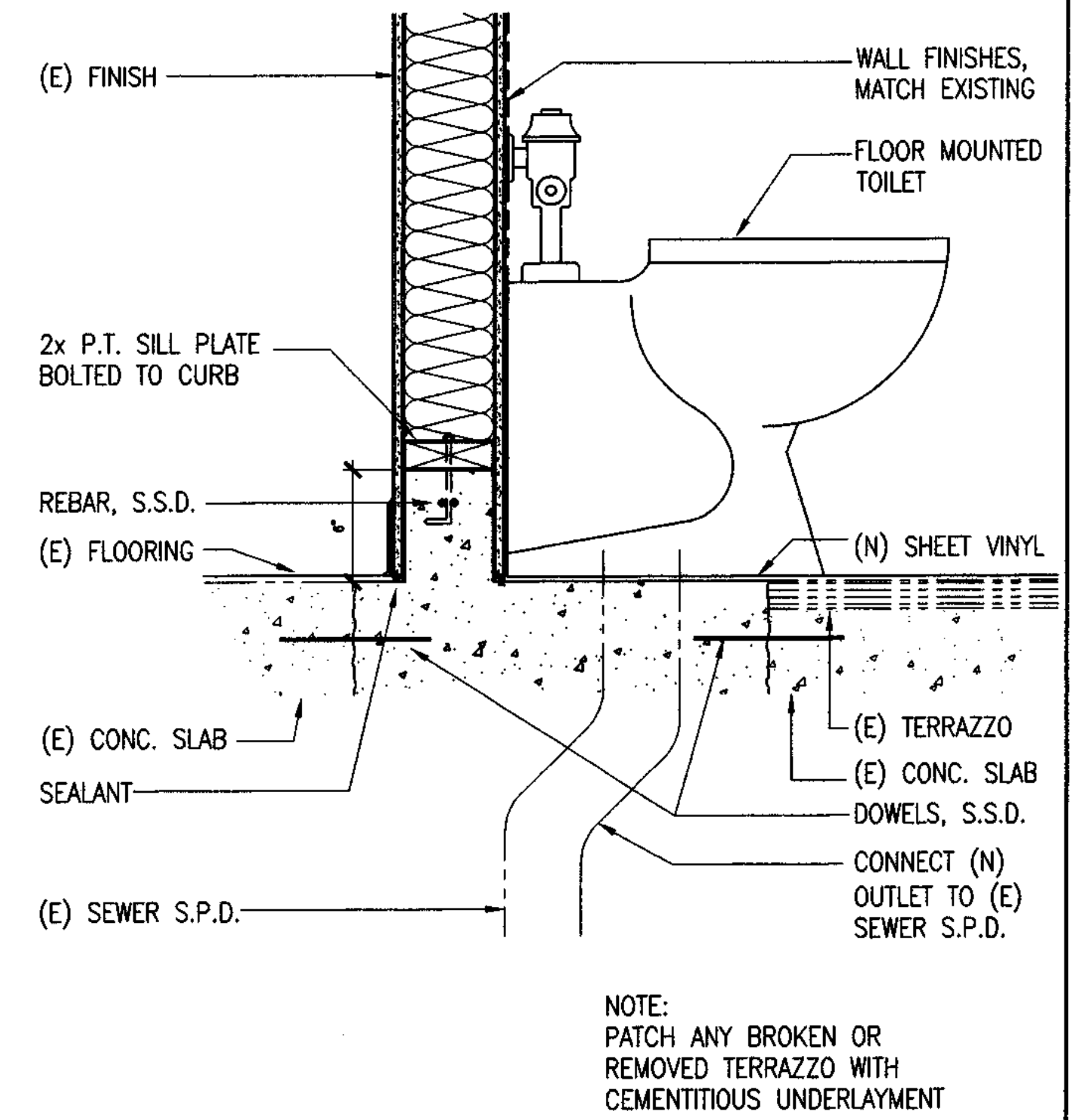
TYPE V 1HR WALL 1-1/2" 17


UPPER ROOF SHEATHING
5/8" GYP. BD. BOTH SIDES FLOOR TO BOTTOM OF UPPER ROOF SHEATHING
FILENAME

(E) 1HR OCCUPANCY SEPARATION 1-1/2" 18

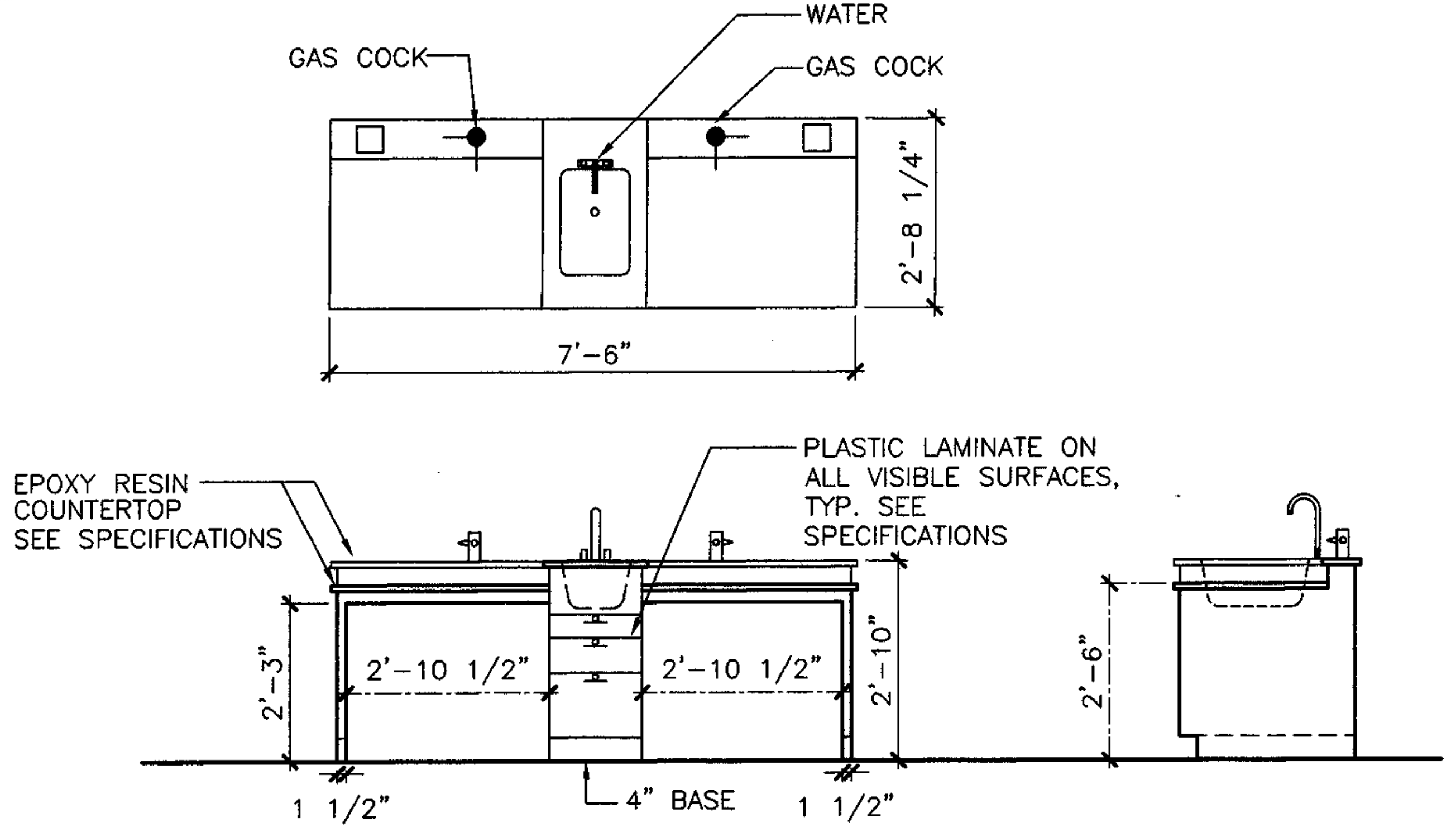

(E) GLULAM BEAM
(E) 1/4" PLYWOOD SHIM
(E) 2" X 6" PLATE
(E) 2 LAYERS OF 5/8" GYP. BD. BOTH SIDES FLOOR TO BOTTOM OF ROOF SHEATHING
(E) 2" X 6" STUDS @ 16" O.C.
(E) 2" X 6" PLATE
FILENAME

EXISTING 2HR WALL 1-1/2" 19

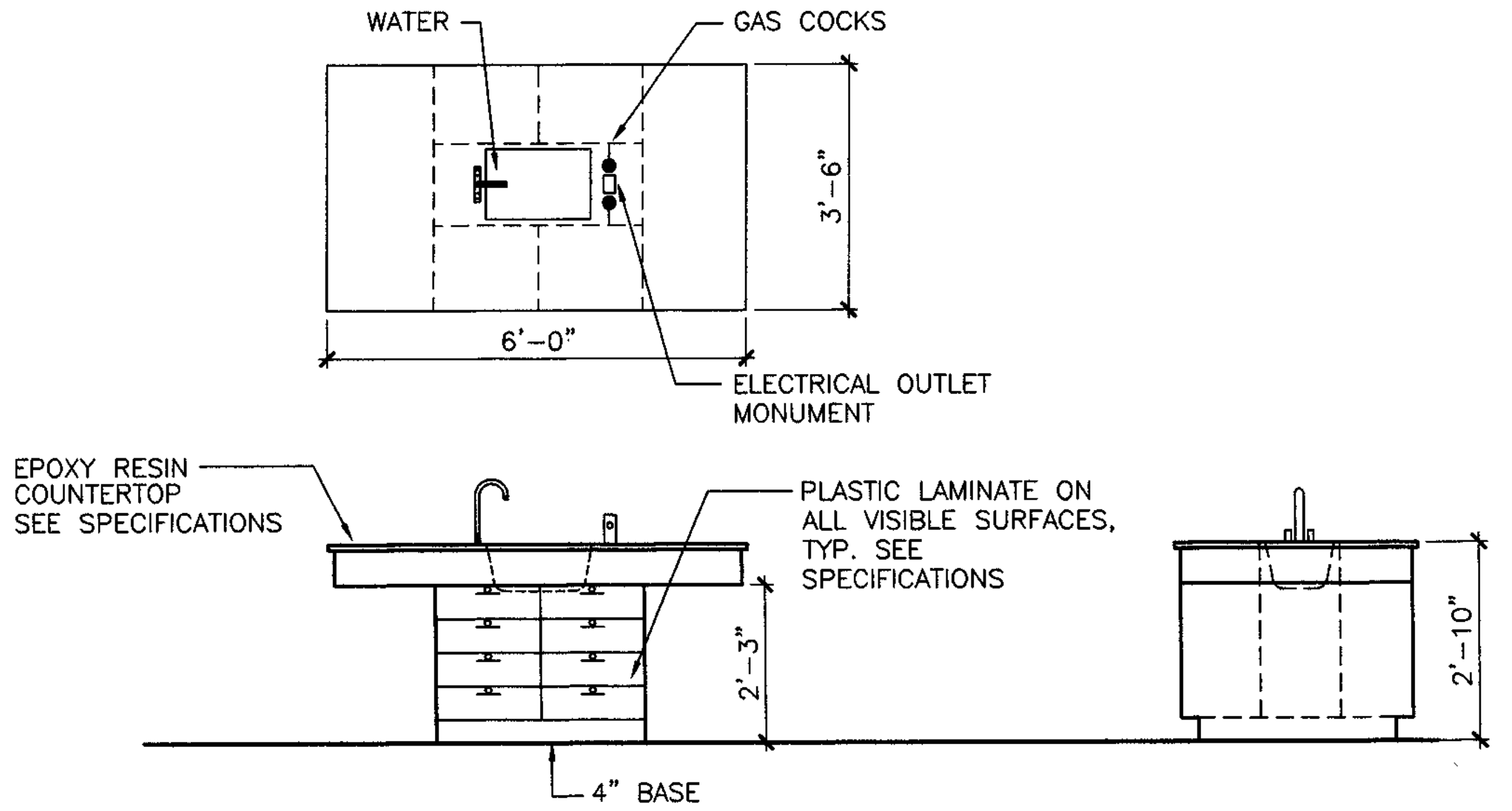


NOTE:
PATCH ANY BROKEN OR REMOVED TERRAZZO WITH CEMENTITIOUS UNDERLAYMENT

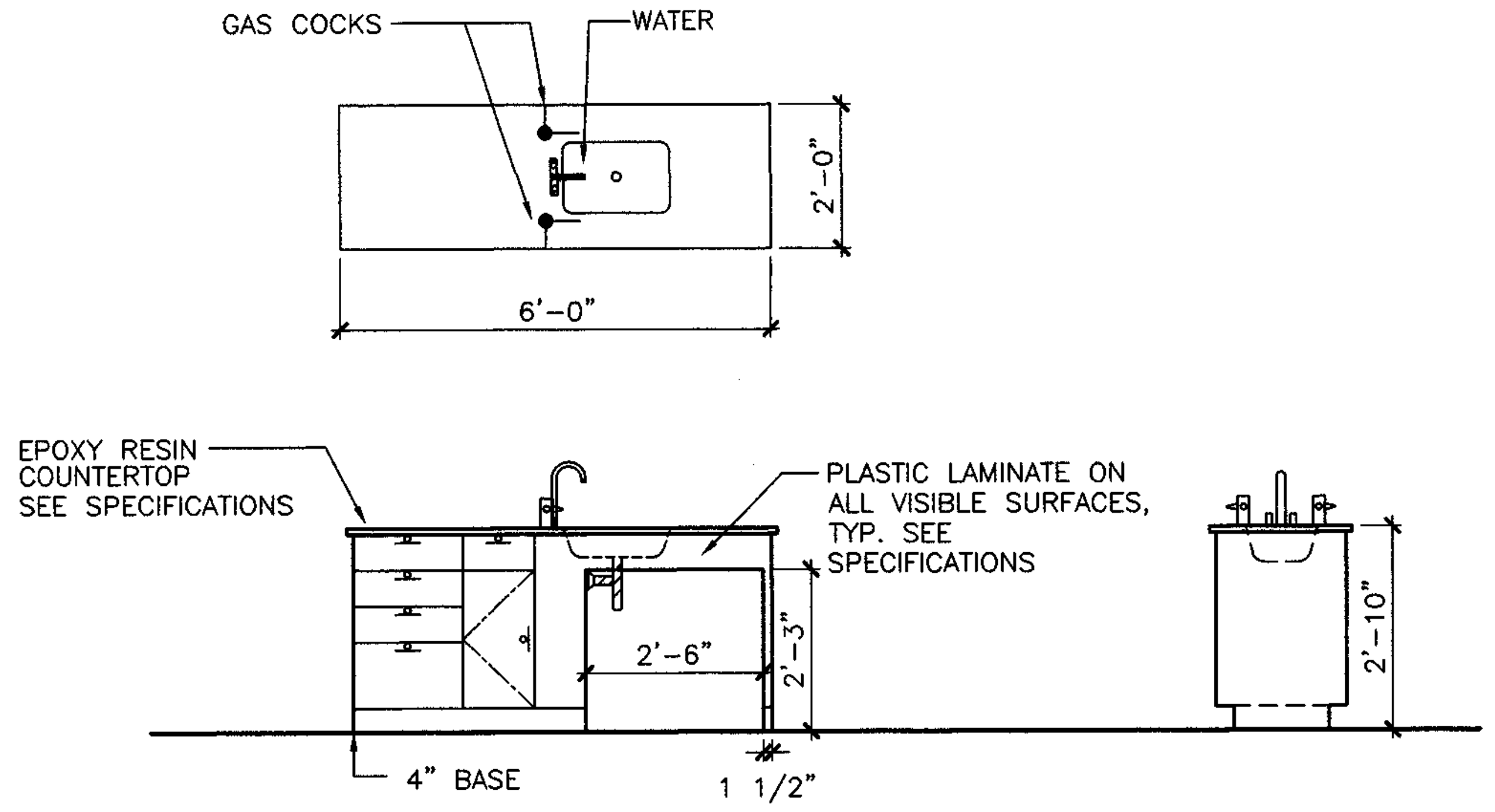
A12 SECTION 1-1/2" 13


WATER
GAS COCK
GAS COCK
2'-8 1/4"
7'-6"
EPOXY RESIN COUNTERTOP SEE SPECIFICATIONS
PLASTIC LAMINATE ON ALL VISIBLE SURFACES, TYP. SEE SPECIFICATIONS
2'-3"
2'-10 1/2"
2'-10 1/2"
2'-10"
2'-6"
1 1/2"
4" BASE
1 1/2"
KCASE14

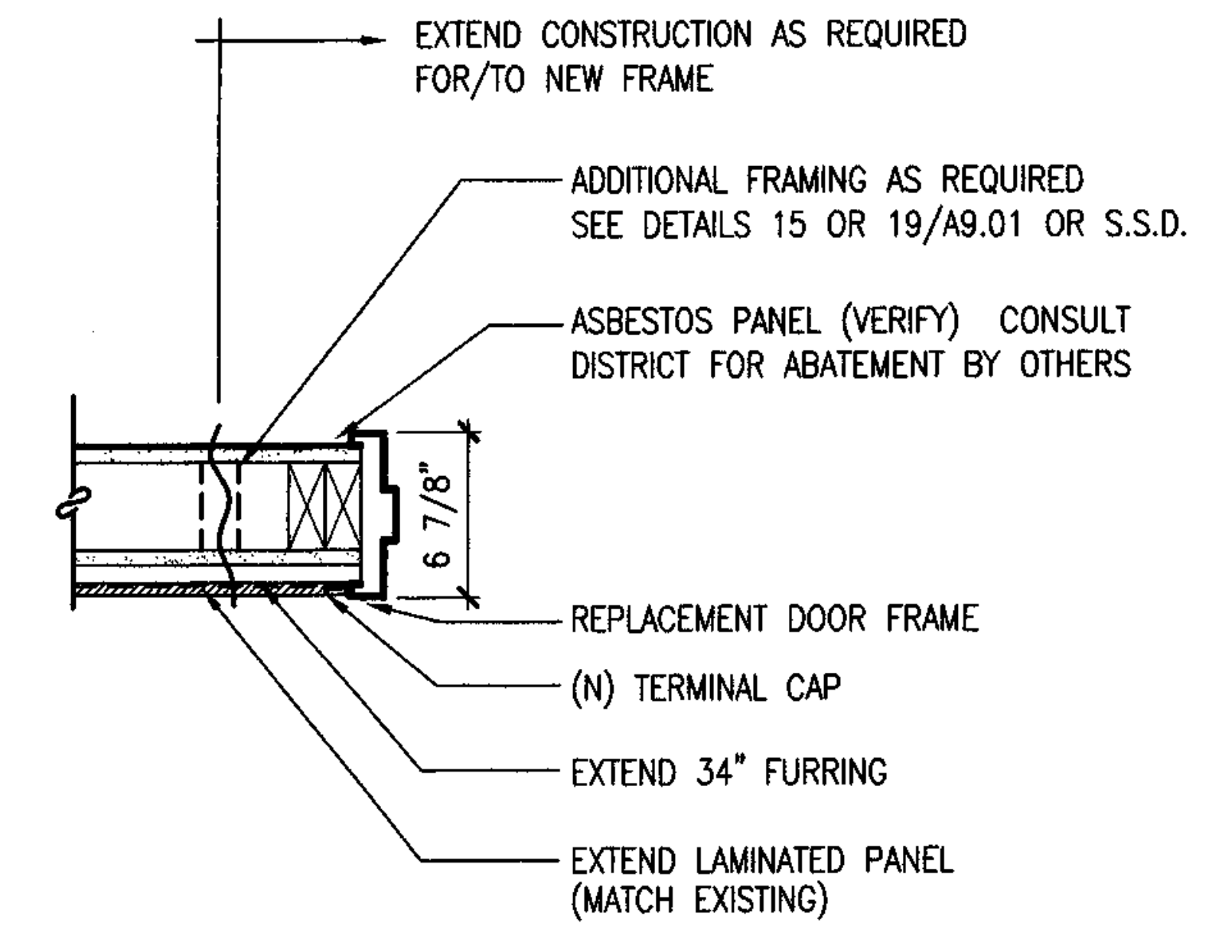
ACCESSIBLE CABINET IN SCIENCE LAB G3 1/4" 10


WATER
GAS COCKS
3'-6"
6'-0"
ELECTRICAL OUTLET MONUMENT
EPOXY RESIN COUNTERTOP SEE SPECIFICATIONS
PLASTIC LAMINATE ON ALL VISIBLE SURFACES, TYP. SEE SPECIFICATIONS
2'-3"
2'-10"
4" BASE
KCASE14

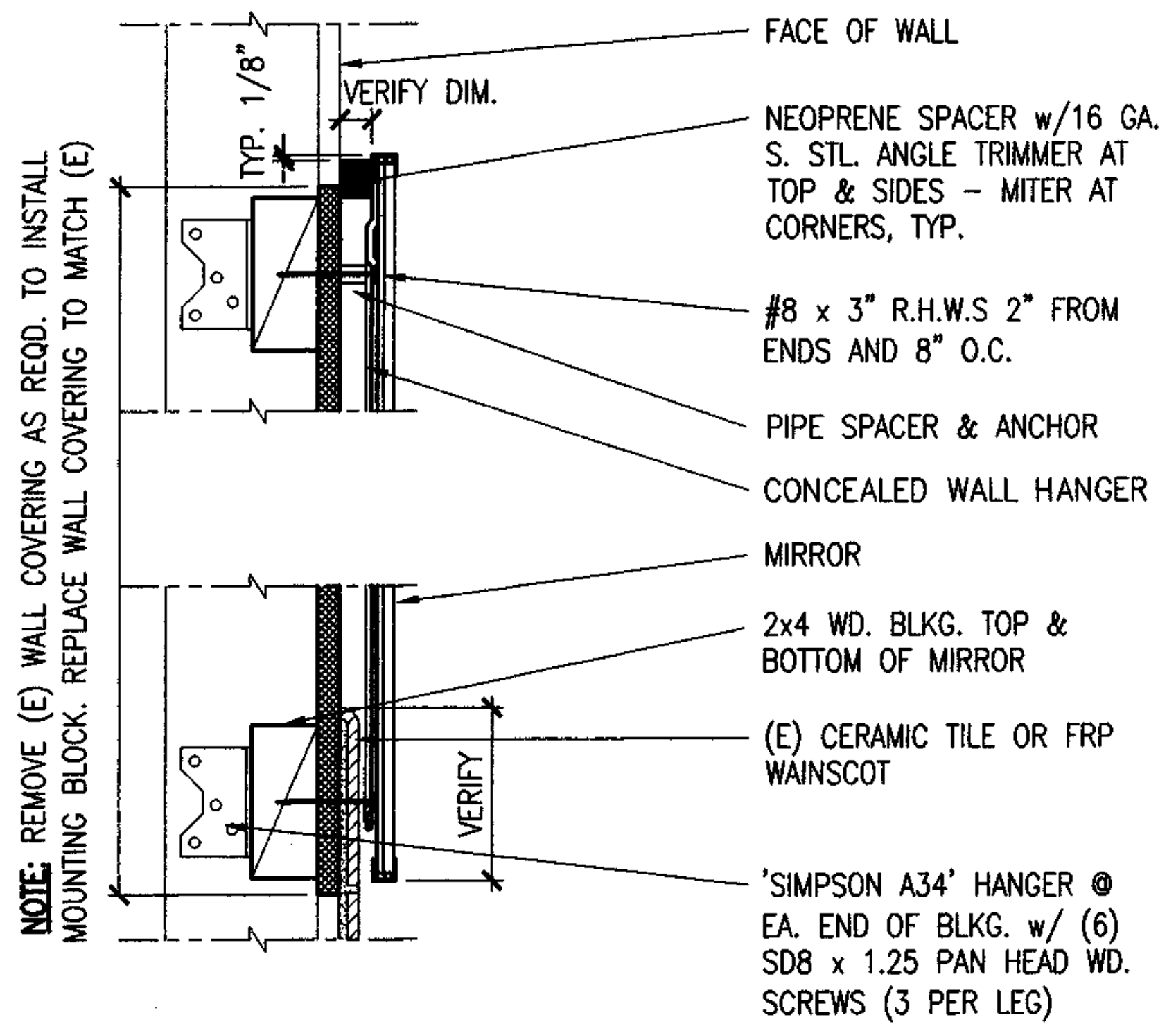
CABINETS IN SCIENCE LAB G3 1/2" 11


GAS COCKS
WATER
2'-0"
6'-0"
EPOXY RESIN COUNTERTOP SEE SPECIFICATIONS
PLASTIC LAMINATE ON ALL VISIBLE SURFACES, TYP. SEE SPECIFICATIONS
2'-6"
2'-3"
2'-10"
4" BASE
1 1/2"
KCASE14

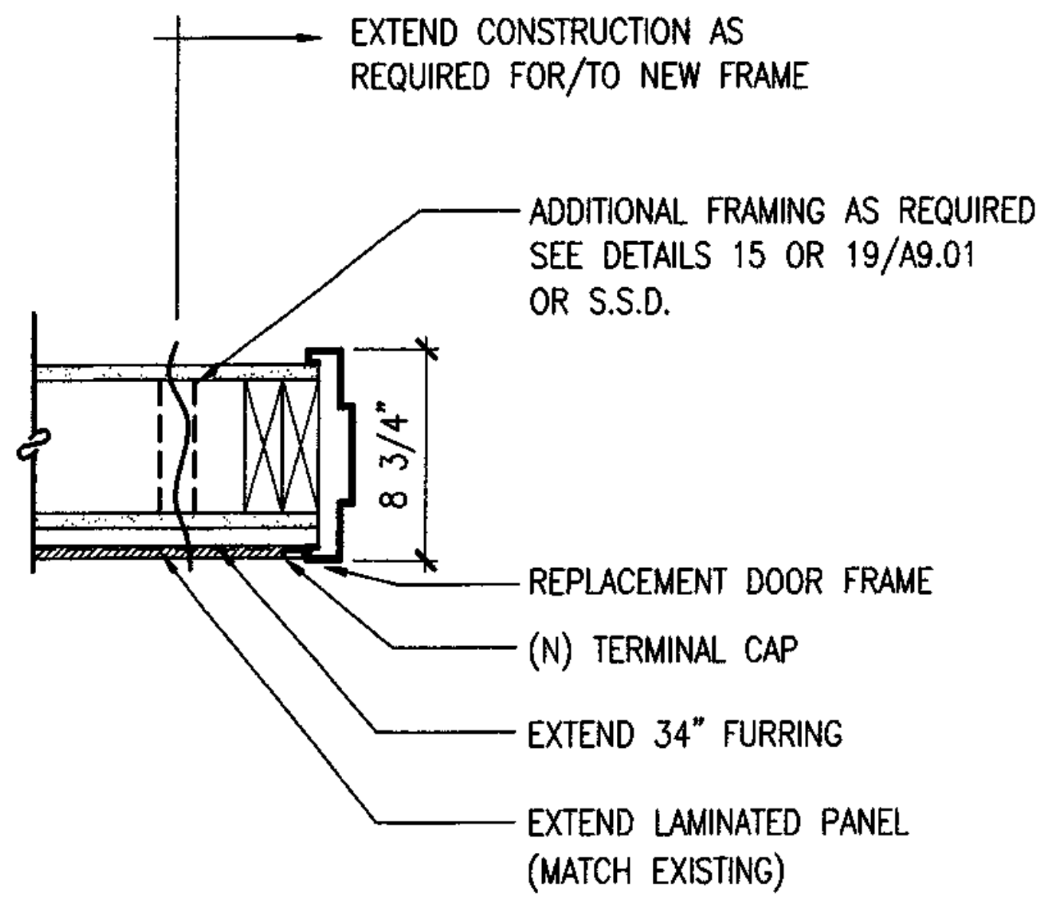
INSTRUCTIONAL CABINET SCIENCE LAB G3 1/2" 12


EXTEND CONSTRUCTION AS REQUIRED FOR/TO NEW FRAME
ADDITIONAL FRAMING AS REQUIRED SEE DETAILS 15 OR 19/A9.01 OR S.S.D.
ASBESTOS PANEL (VERIFY) CONSULT DISTRICT FOR ABATEMENT BY OTHERS
6 7/8"
REPLACEMENT DOOR FRAME
(N) TERMINAL CAP
EXTEND 34" FURRING
EXTEND LAMINATED PANEL (MATCH EXISTING)
DETJAMB2

DOOR FRAME AT LAMINATED PANEL 1 1/2" 9


NOTE: REMOVE (E) WALL COVERING AS REQD. TO INSTALL MOUNTING BLOCK. REPLACE WALL COVERING TO MATCH (E)
TYP. 1/8"
VERIFY DIM.
VERIFY
FACE OF WALL
NEOPRENE SPACER w/16 GA. S. STL. ANGLE TRIMMER AT TOP & SIDES - MITER AT CORNERS, TYP.
#8 x 3" R.H.W.S 2" FROM ENDS AND 8" O.C.
PIPE SPACER & ANCHOR
CONCEALED WALL HANGER
MIRROR
2x4 WD. BLKG. TOP & BOTTOM OF MIRROR
(E) CERAMIC TILE OR FRP WAINSCOT
'SIMPSON A34' HANGER @ EA. END OF BLKG. w/ (6) SD8 x 1.25 PAN HEAD WD. SCREWS (3 PER LEG)
10810-04

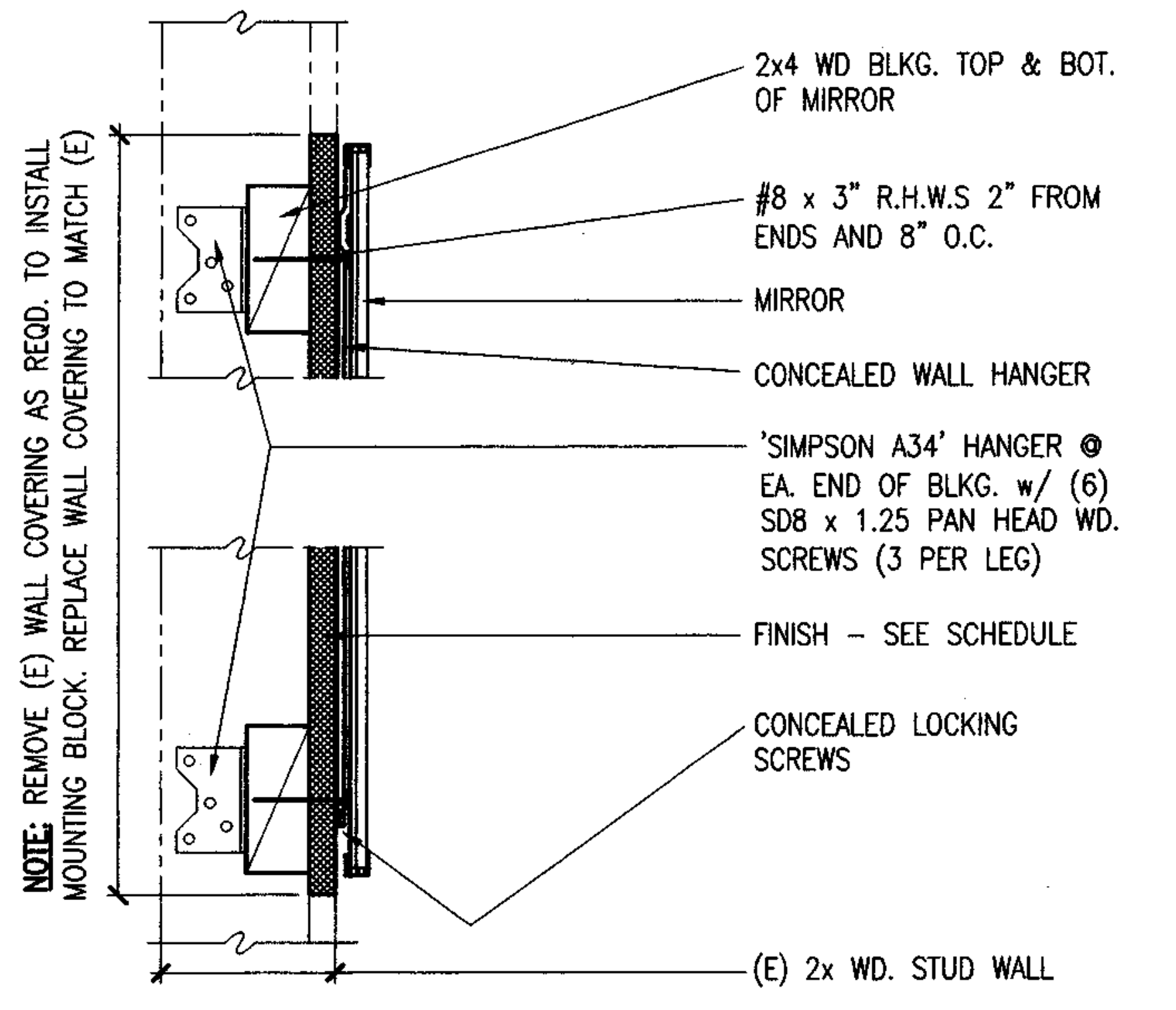
MIRROR W/ WAINSCOT MTG. 3" 5


EXTEND CONSTRUCTION AS REQUIRED FOR/TO NEW FRAME
ADDITIONAL FRAMING AS REQUIRED SEE DETAILS 15 OR 19/A9.01 OR S.S.D.
8 3/4"
REPLACEMENT DOOR FRAME
(N) TERMINAL CAP
EXTEND 34" FURRING
EXTEND LAMINATED PANEL (MATCH EXISTING)
DETJAMB2

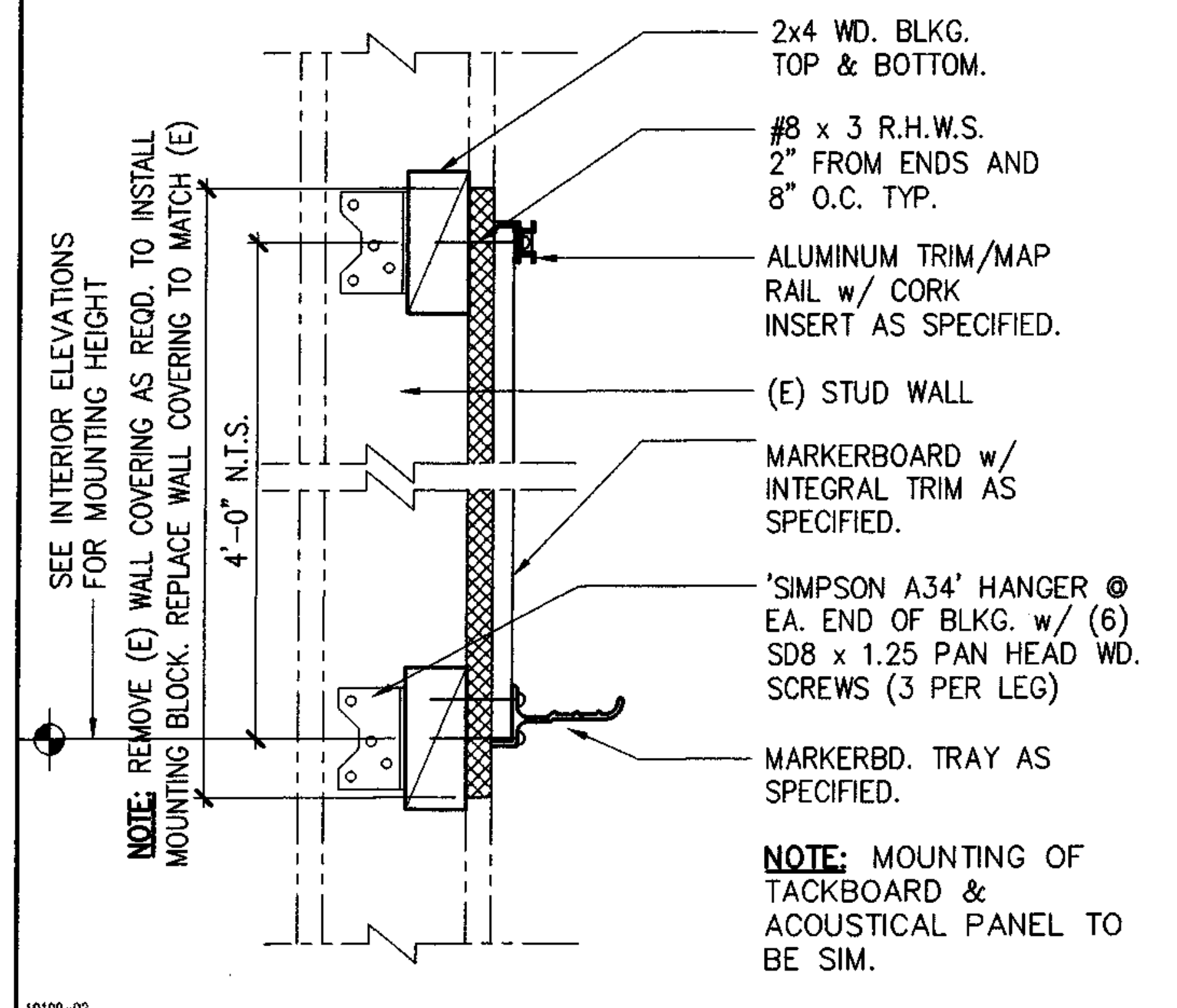
DOOR FRAME AT LAMINATED PANEL 1 1/2" 6

NOT_USED SCALE 7

NOT_USED SCALE 8

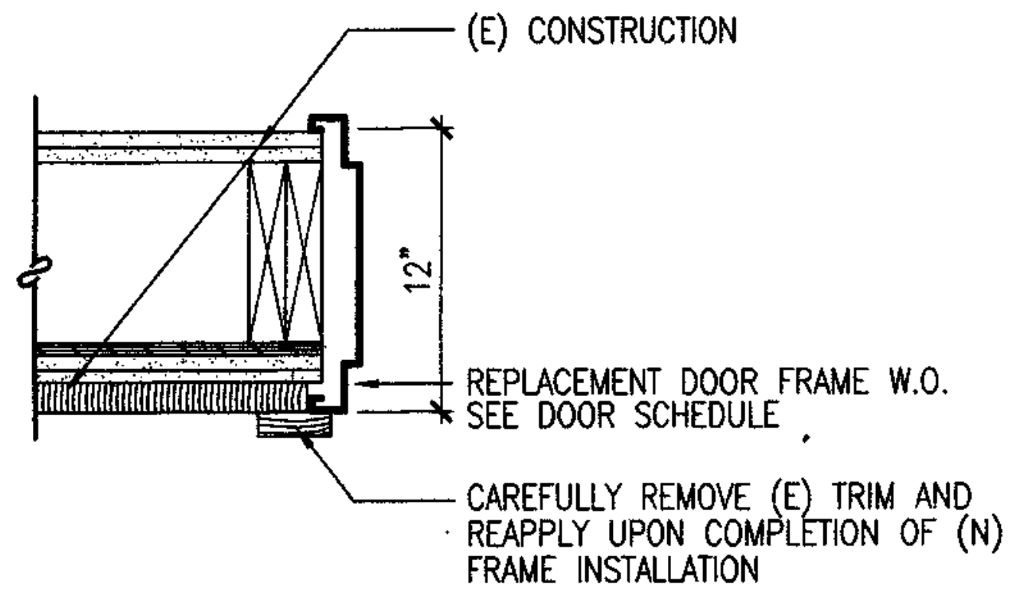

NOTE: REMOVE (E) WALL COVERING AS REQD. TO INSTALL MOUNTING BLOCK. REPLACE WALL COVERING TO MATCH (E)
2x4 WD BLKG. TOP & BOT. OF MIRROR
#8 x 3" R.H.W.S 2" FROM ENDS AND 8" O.C.
MIRROR
CONCEALED WALL HANGER
'SIMPSON A34' HANGER @ EA. END OF BLKG. w/ (6) SD8 x 1.25 PAN HEAD WD. SCREWS (3 PER LEG)
FINISH - SEE SCHEDULE
CONCEALED LOCKING SCREWS
(E) 2x WD. STUD WALL
10810-01

MIRROR MTG. 3" 1

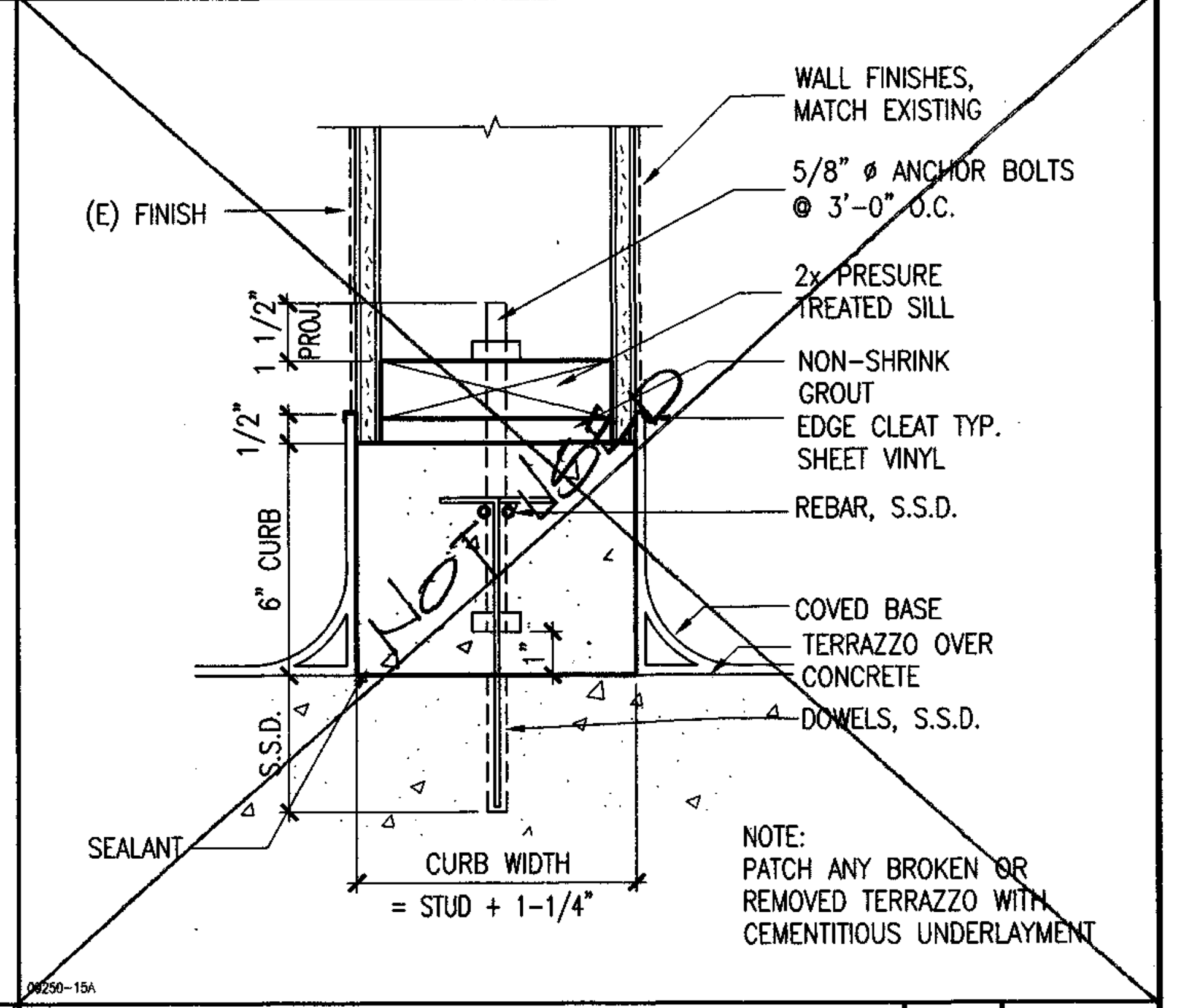

SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT
NOTE: REMOVE (E) WALL COVERING AS REQD. TO INSTALL MOUNTING BLOCK. REPLACE WALL COVERING TO MATCH (E)
4'-0" N.T.S.
2x4 WD. BLKG. TOP & BOTTOM.
#8 x 3 R.H.W.S. 2" FROM ENDS AND 8" O.C. TYP.
ALUMINUM TRIM/MAP RAIL w/ CORK INSERT AS SPECIFIED.
(E) STUD WALL
MARKERBOARD w/ INTEGRAL TRIM AS SPECIFIED.
'SIMPSON A34' HANGER @ EA. END OF BLKG. w/ (6) SD8 x 1.25 PAN HEAD WD. SCREWS (3 PER LEG)
MARKERBD. TRAY AS SPECIFIED.
10100-02

NOTE: MOUNTING OF TACKBOARD & ACOUSTICAL PANEL TO BE SIM.

MARKERBD./TACKBD. MOUNTING 3" 2


(E) CONSTRUCTION
12"
REPLACEMENT DOOR FRAME W.O. SEE DOOR SCHEDULE
CAREFULLY REMOVE (E) TRIM AND REAPPLY UPON COMPLETION OF (N) FRAME INSTALLATION
DETJAMB

DOOR JAMB TWO HOUR WALL 1 1/2" 3



NOTE:
PATCH ANY BROKEN OR REMOVED TERRAZZO WITH CEMENTITIOUS UNDERLAYMENT

INT. PART. SILL @ (N) CONC. CURB 3" 4

VBN

501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP: 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 101336
AC WW FLS SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

INTERIOR DETAILS

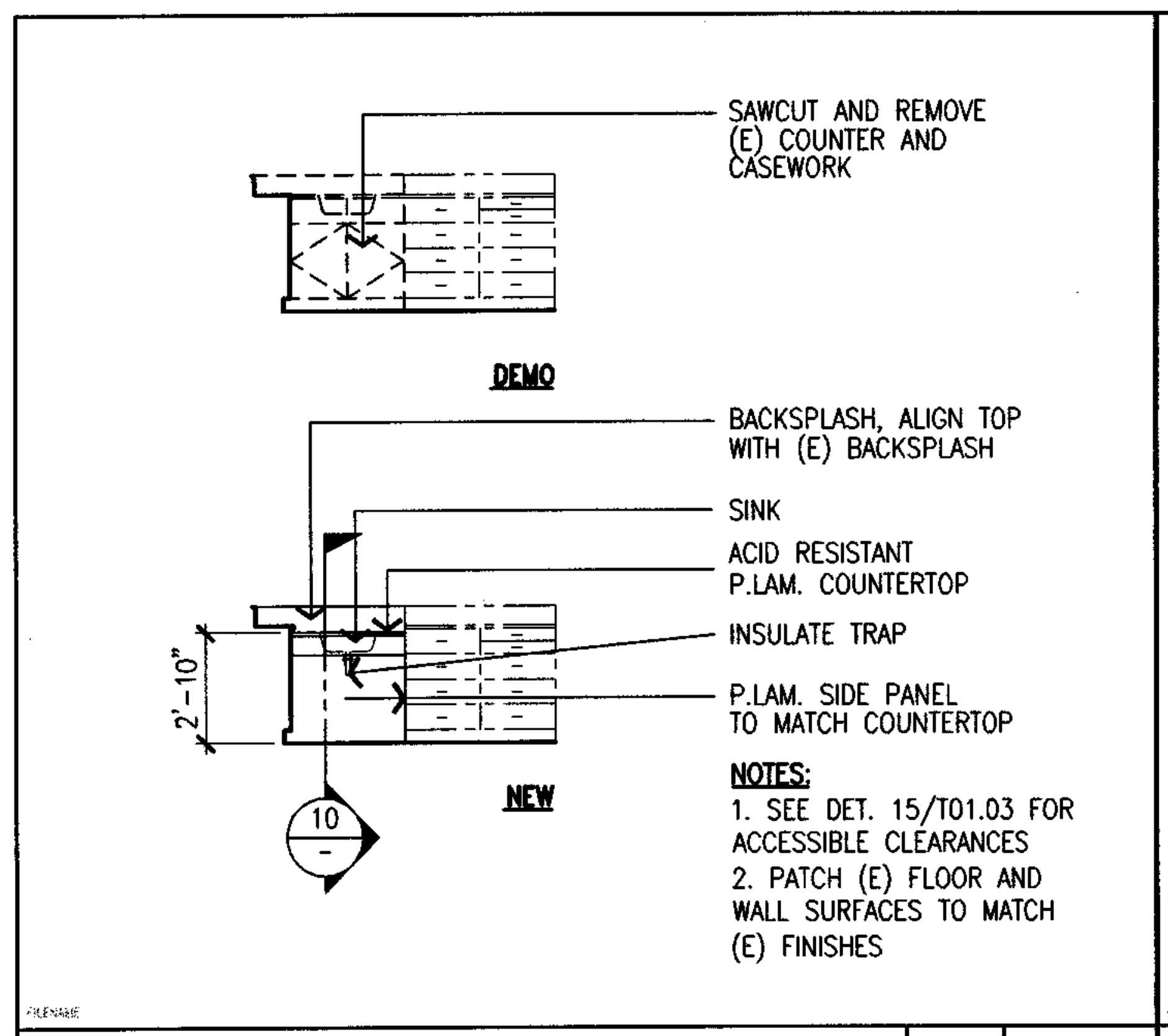
DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: CHECKED BY:

A09.02

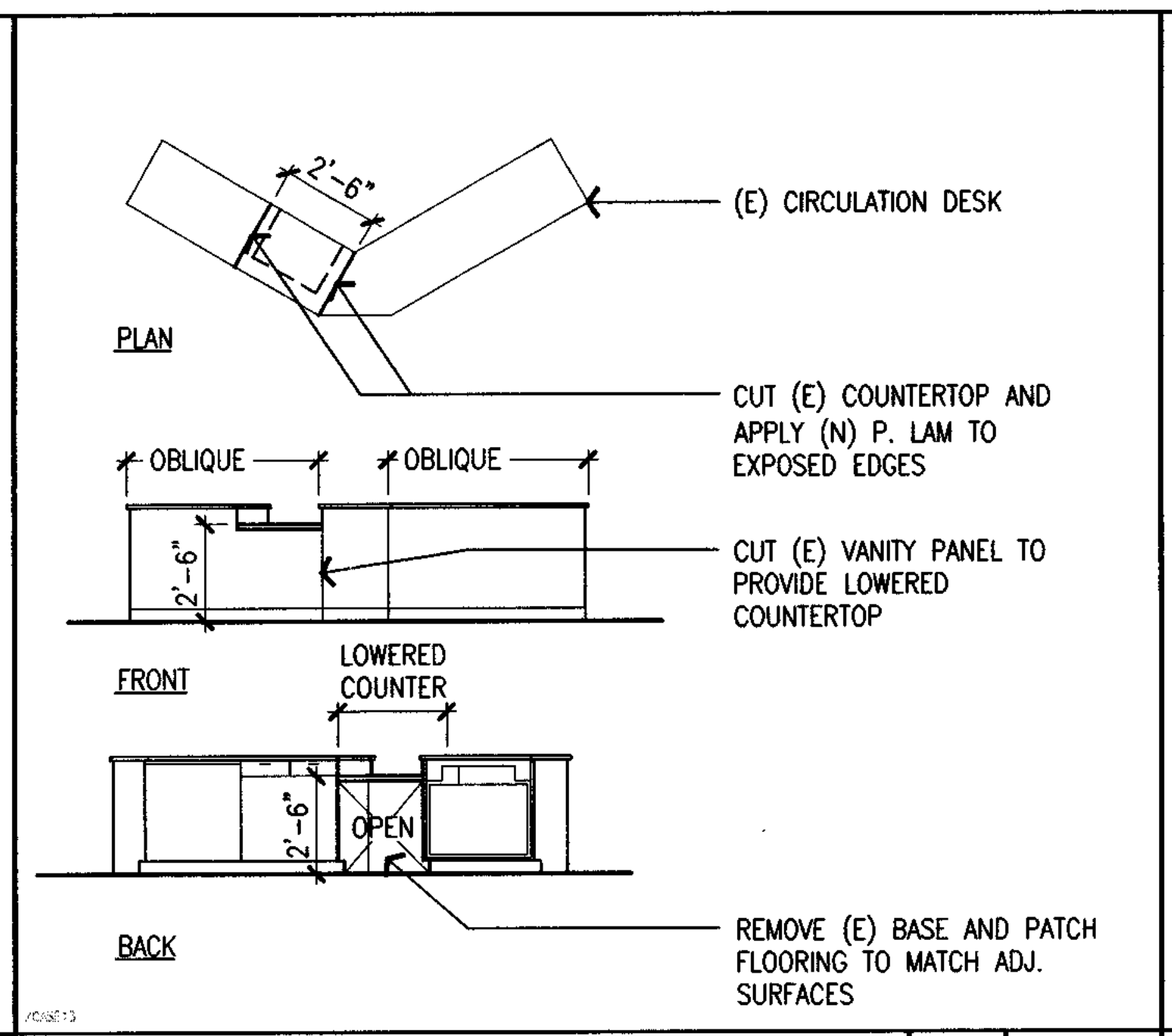
JOB NO: 99041B OF SHEETS

\99041-SanMateo_FosterCity_SD\99041B-Bowditch_Elem\A0902.dwg Mon Nov 15 15:04:23 1999 Michelle

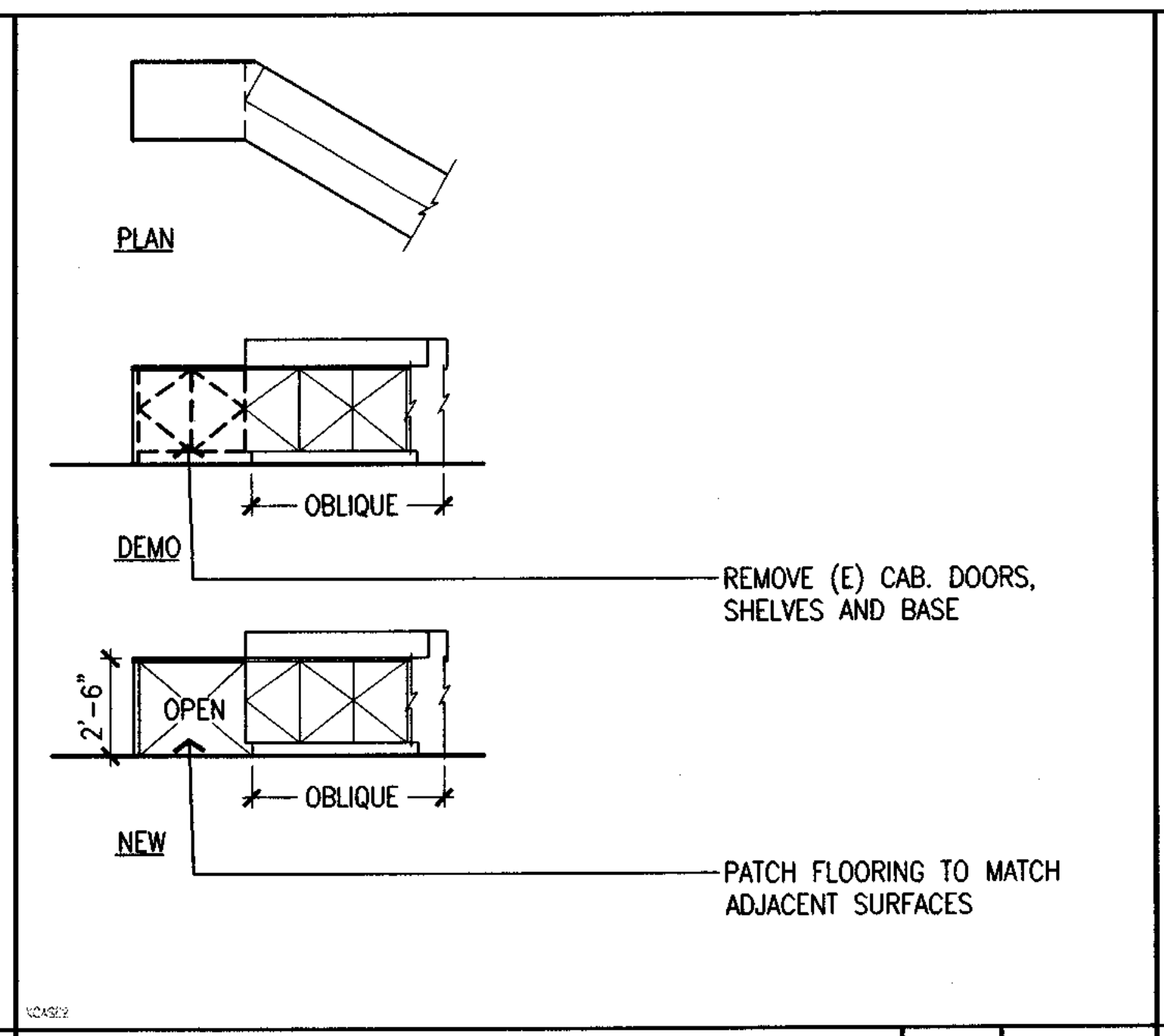

SAWCUT AND REMOVE (E) COUNTER AND CASEWORK
DEMO
BACKSPLASH, ALIGN TOP WITH (E) BACKSPLASH
SINK
ACID RESISTANT P.LAM. COUNTERTOP
INSULATE TRAP
P.LAM. SIDE PANEL TO MATCH COUNTERTOP
2'-10"
10
NEW

NOTES:
1. SEE DET. 15/T01.03 FOR ACCESSIBLE CLEARANCES
2. PATCH (E) FLOOR AND WALL SURFACES TO MATCH (E) FINISHES

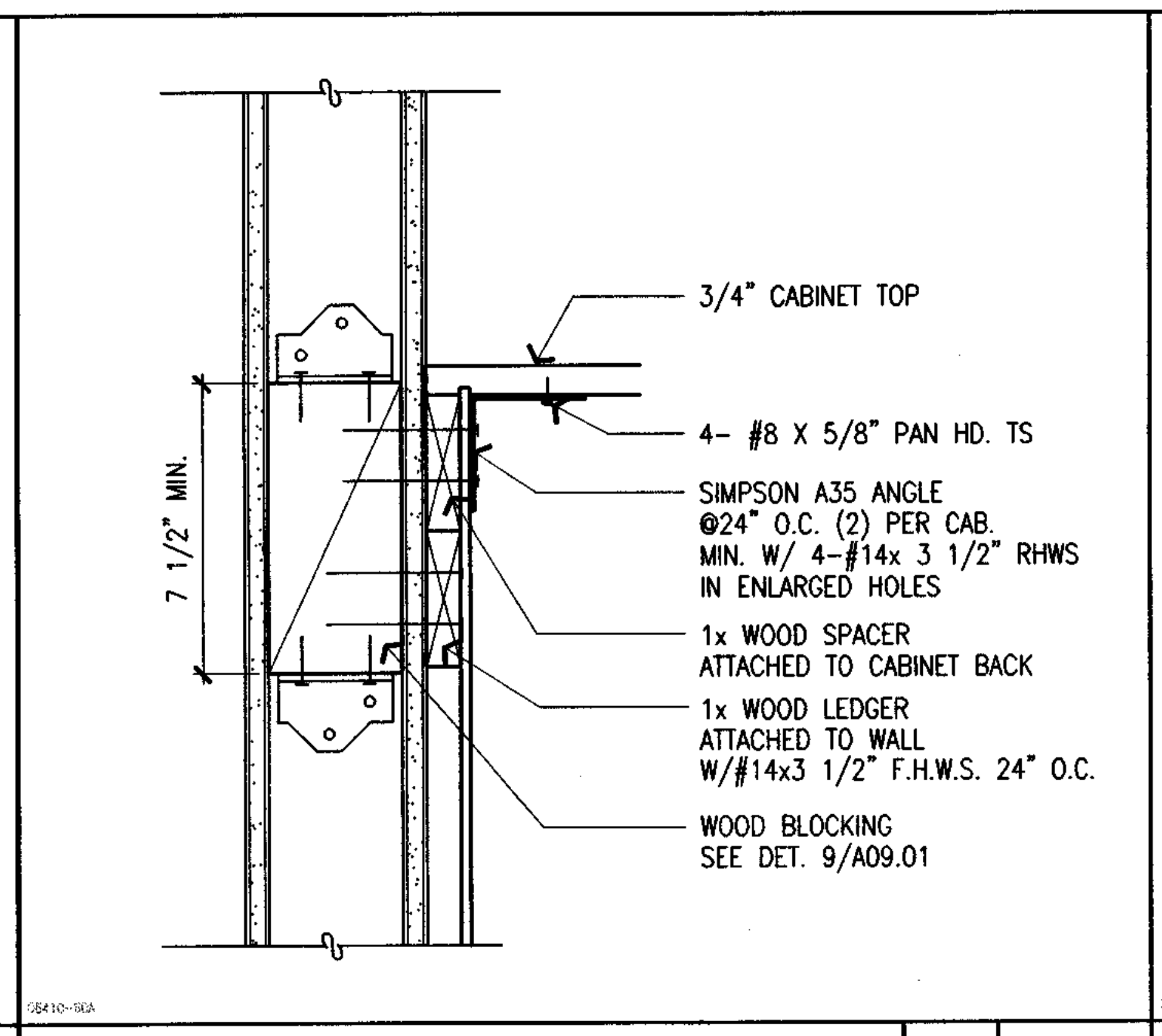
TEACHER'S SCIENCE WORK ROOM 1/4" 17


PLAN
2'-6"
(E) CIRCULATION DESK
OBLIQUE
OBLIQUE
CUT (E) COUNTERTOP AND APPLY (N) P. LAM TO EXPOSED EDGES
CUT (E) VANITY PANEL TO PROVIDE LOWERED COUNTERTOP
2'-6"
FRONT
LOWERED COUNTER
2'-6"
OPEN
BACK
REMOVE (E) BASE AND PATCH FLOORING TO MATCH ADJ. SURFACES

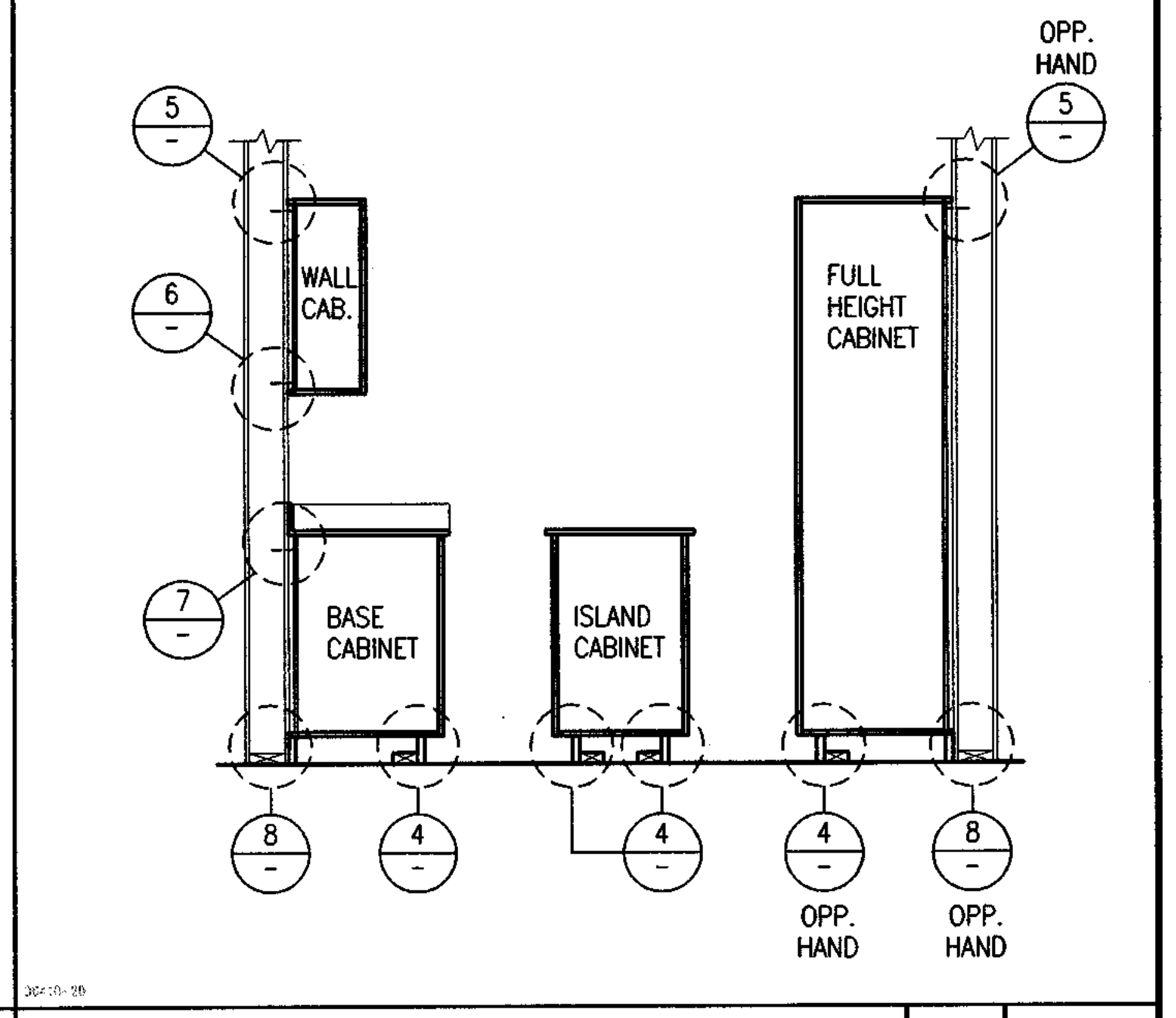
LEARNING CENTER CIRCULATION DESK 1/4" 13


PLAN
DEMO
OBLIQUE
REMOVE (E) CAB. DOORS, SHELVES AND BASE
2'-6"
OPEN
OBLIQUE
NEW
PATCH FLOORING TO MATCH ADJACENT SURFACES

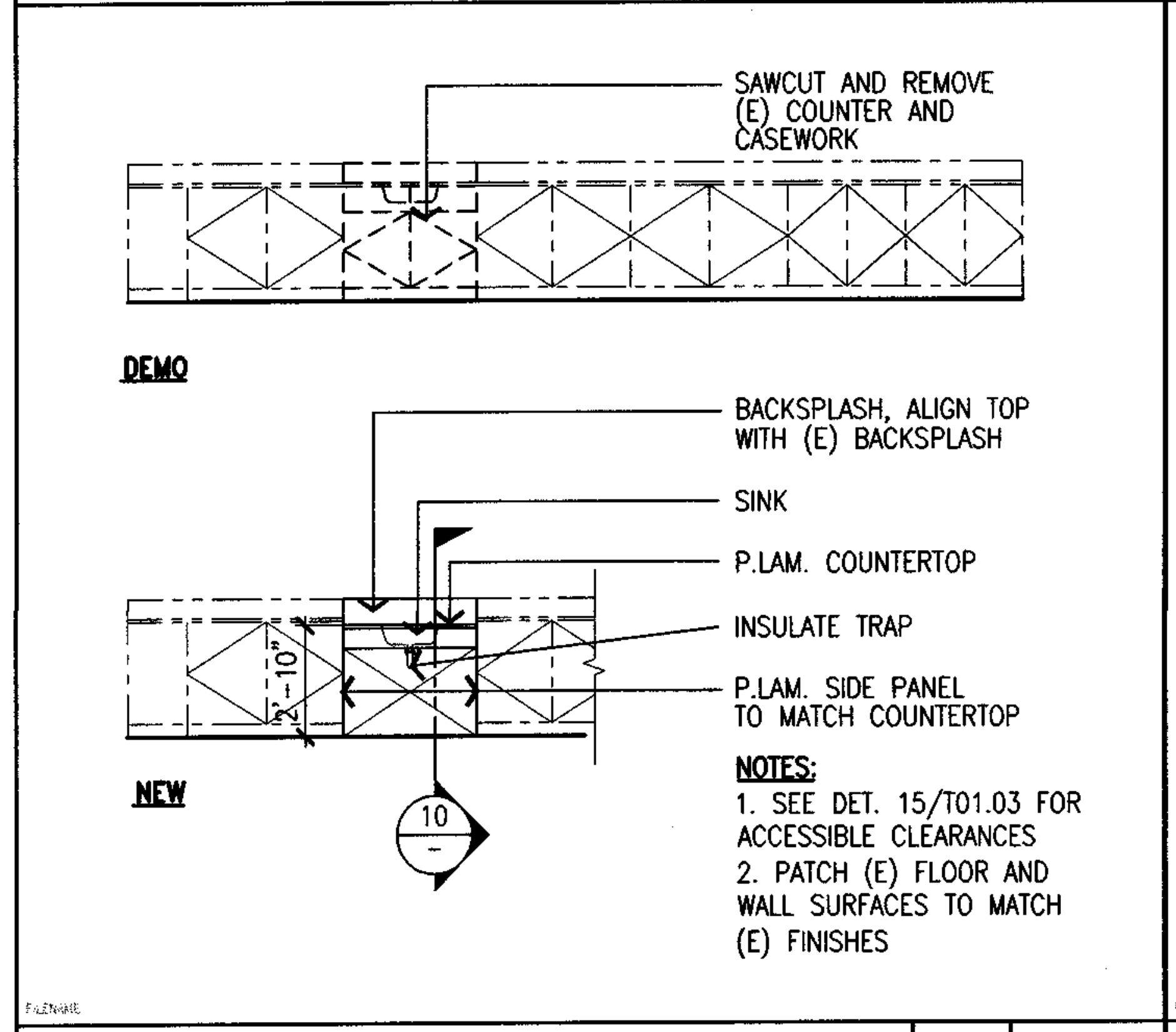
ADMINISTRATION RECEPTION DESK 1/4" 9


3/4" CABINET TOP
4- #8 X 5/8" PAN HD. TS
7 1/2" MIN.
SIMPSON A35 ANGLE @24" O.C. (2) PER CAB. MIN. W/ 4-#14x 3 1/2" RHWS IN ENLARGED HOLES
1x WOOD SPACER ATTACHED TO CABINET BACK
1x WOOD LEDGER ATTACHED TO WALL W/#14x3 1/2" F.H.W.S. 24" O.C.
WOOD BLOCKING SEE DET. 9/A09.01

WALL CABINET ANCHORAGE 3" 5

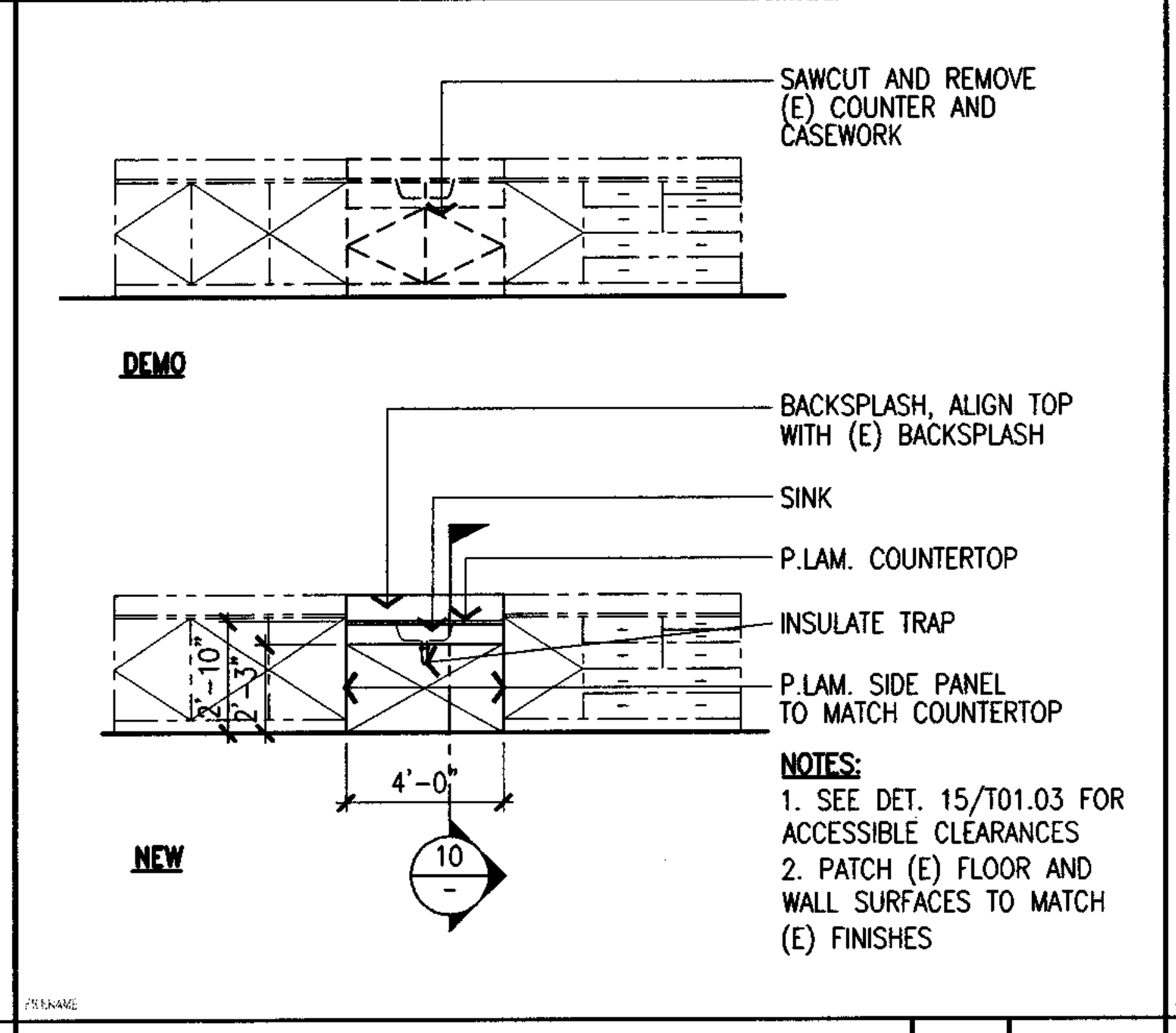


TYP. CABINET ANCHORAGE 1/2" 1


SAWCUT AND REMOVE (E) COUNTER AND CASEWORK
DEMO
BACKSPLASH, ALIGN TOP WITH (E) BACKSPLASH
SINK
P.LAM. COUNTERTOP
INSULATE TRAP
P.LAM. SIDE PANEL TO MATCH COUNTERTOP
2'-10"
NEW
10

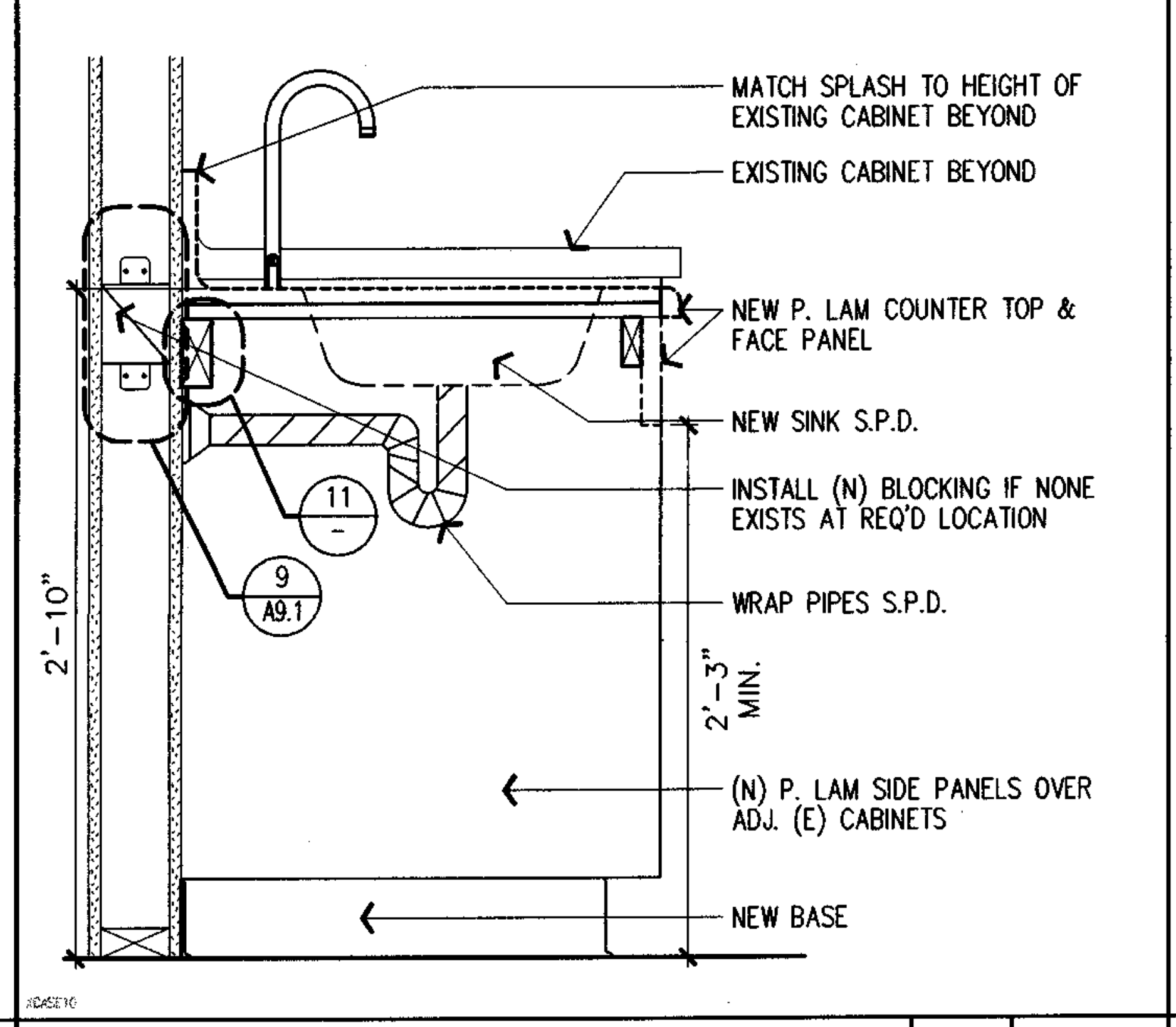
NOTES:
1. SEE DET. 15/T01.03 FOR ACCESSIBLE CLEARANCES
2. PATCH (E) FLOOR AND WALL SURFACES TO MATCH (E) FINISHES

SCIENCE CLASSROOM 1/4" 18

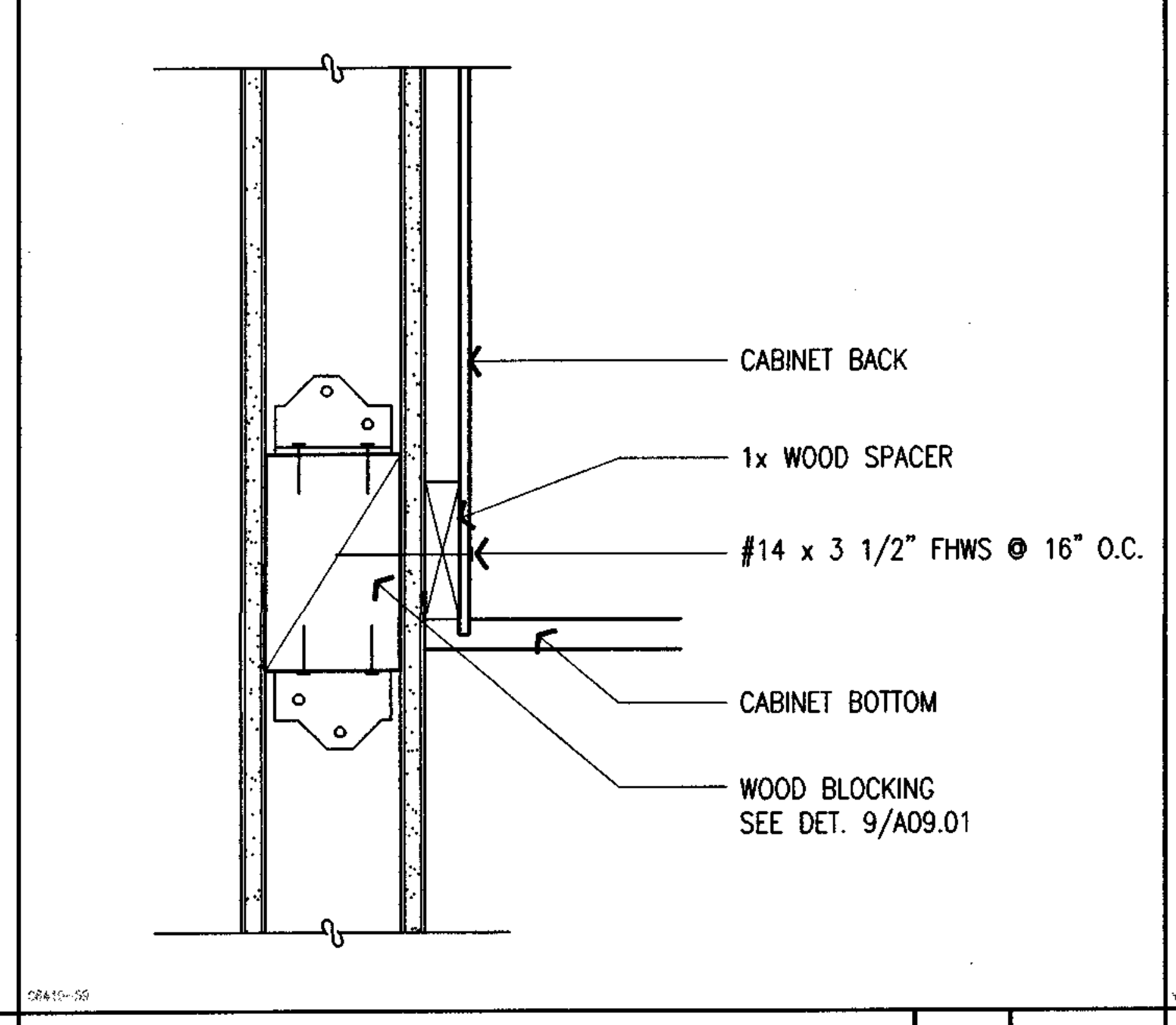

SAWCUT AND REMOVE (E) COUNTER AND CASEWORK
DEMO
BACKSPLASH, ALIGN TOP WITH (E) BACKSPLASH
SINK
P.LAM. COUNTERTOP
INSULATE TRAP
P.LAM. SIDE PANEL TO MATCH COUNTERTOP
2'-10"
2'-3"
4'-0"
NEW
10

NOTES:
1. SEE DET. 15/T01.03 FOR ACCESSIBLE CLEARANCES
2. PATCH (E) FLOOR AND WALL SURFACES TO MATCH (E) FINISHES

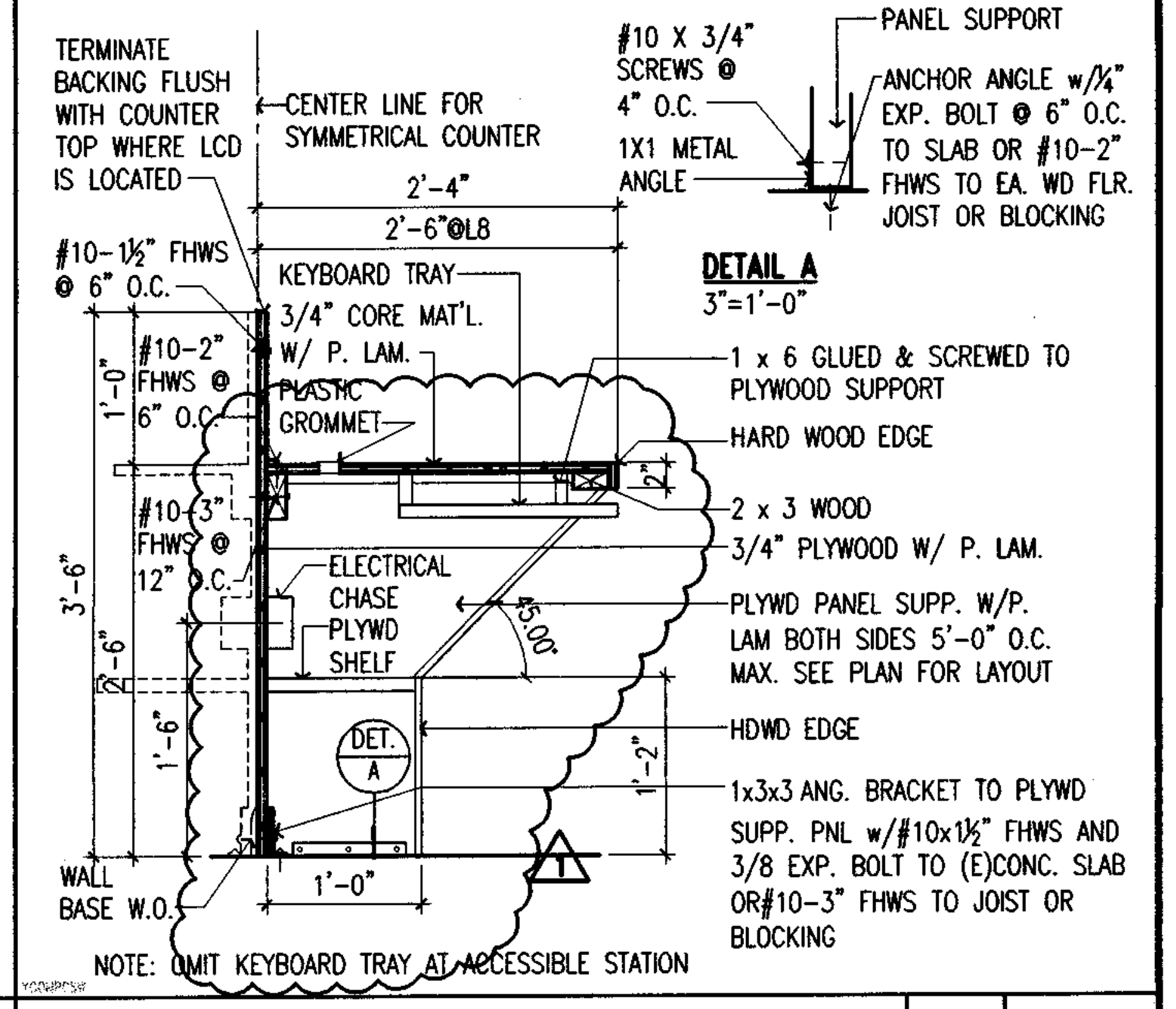
SCIENCE PREPARATION ROOM 1/4" 14


MATCH SPLASH TO HEIGHT OF EXISTING CABINET BEYOND
EXISTING CABINET BEYOND
NEW P. LAM COUNTER TOP & FACE PANEL
NEW SINK S.P.D.
INSTALL (N) BLOCKING IF NONE EXISTS AT REQ'D LOCATION
WRAP PIPES S.P.D.
11
9
A9.1
2'-10"
2'-3" MIN.
(N) P. LAM SIDE PANELS OVER ADJ. (E) CABINETS
NEW BASE

(N) ACCESSIBLE HEIGHT COUNTER AT (E) CABINETS 1 1/2" 10

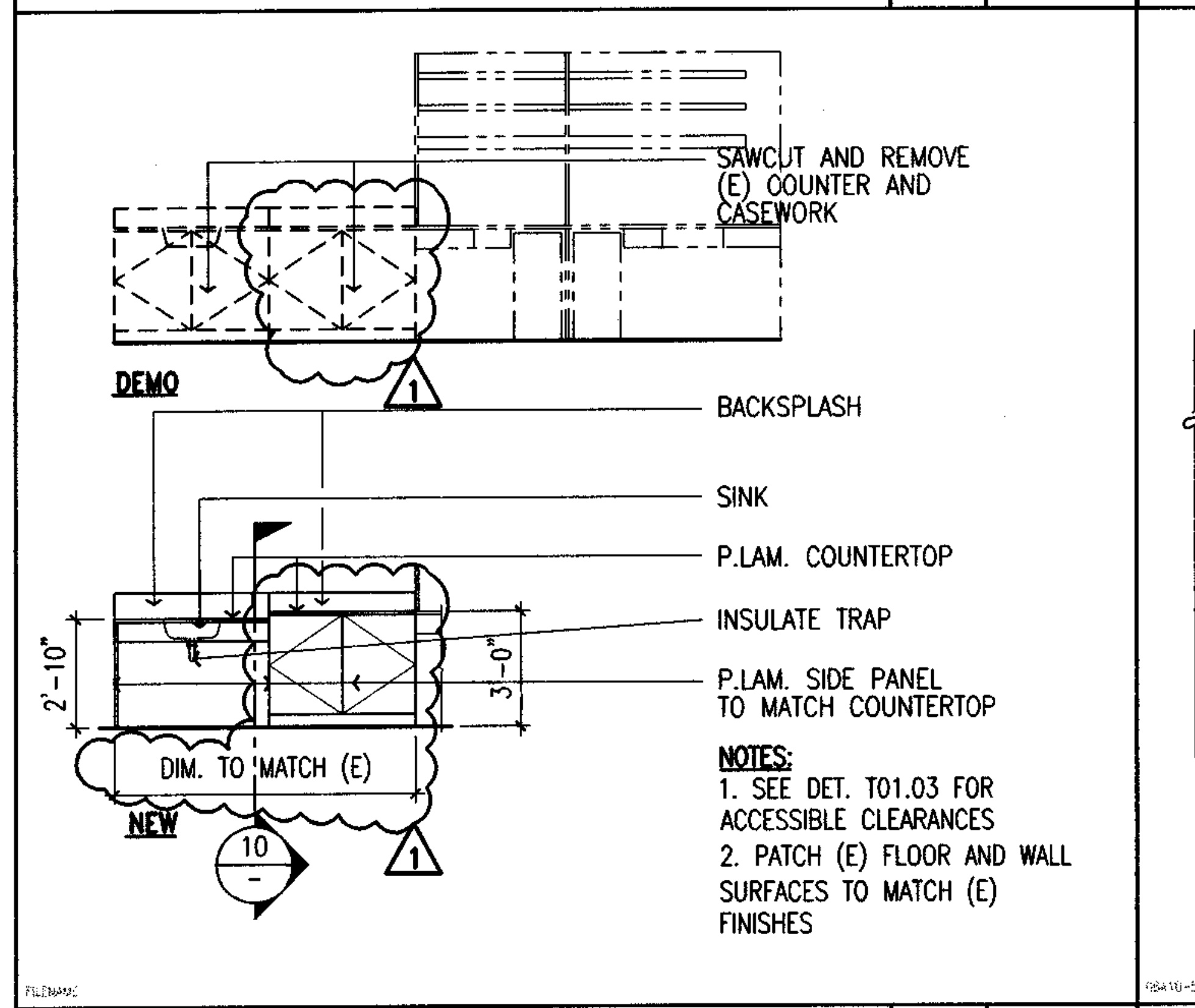


WALL CABINET ANCHORAGE 3" 6


TERMINATE BACKING FLUSH WITH COUNTER TOP WHERE LCD IS LOCATED
CENTER LINE FOR SYMMETRICAL COUNTER
2'-4"
2'-6"@L8
#10-1½" FHWS @ 6" O.C.
KEYBOARD TRAY
3/4" CORE MAT'L. W/ P. LAM.
PLASTIC GROMMET
#10-2" FHWS @ 6" O.C.
#10-3" FHWS @ 12" O.C.
ELECTRICAL CHASE
PLYWD SHELF
1'-0"
3'-6"
2'-6"
1'-6"
45.00°
DET. A
1'-2"
1'-0"
WALL BASE W.O.
#10 X 3/4" SCREWS @ 4" O.C.
1X1 METAL ANGLE
PANEL SUPPORT
ANCHOR ANGLE w/¼" EXP. BOLT @ 6" O.C. TO SLAB OR #10-2" FHWS TO EA. WD FLR. JOIST OR BLOCKING
DETAIL A
3"=1'-0"
1 x 6 GLUED & SCREWED TO PLYWOOD SUPPORT
HARD WOOD EDGE
2"
2 x 3 WOOD
3/4" PLYWOOD W/ P. LAM.
PLYWD PANEL SUPP. W/P. LAM BOTH SIDES 5'-0" O.C. MAX. SEE PLAN FOR LAYOUT
HDWD EDGE
1x3x3 ANG. BRACKET TO PLYWD SUPP. PNL w/#10x1½" FHWS AND 3/8 EXP. BOLT TO (E)CONC. SLAB OR#10-3" FHWS TO JOIST OR BLOCKING
1

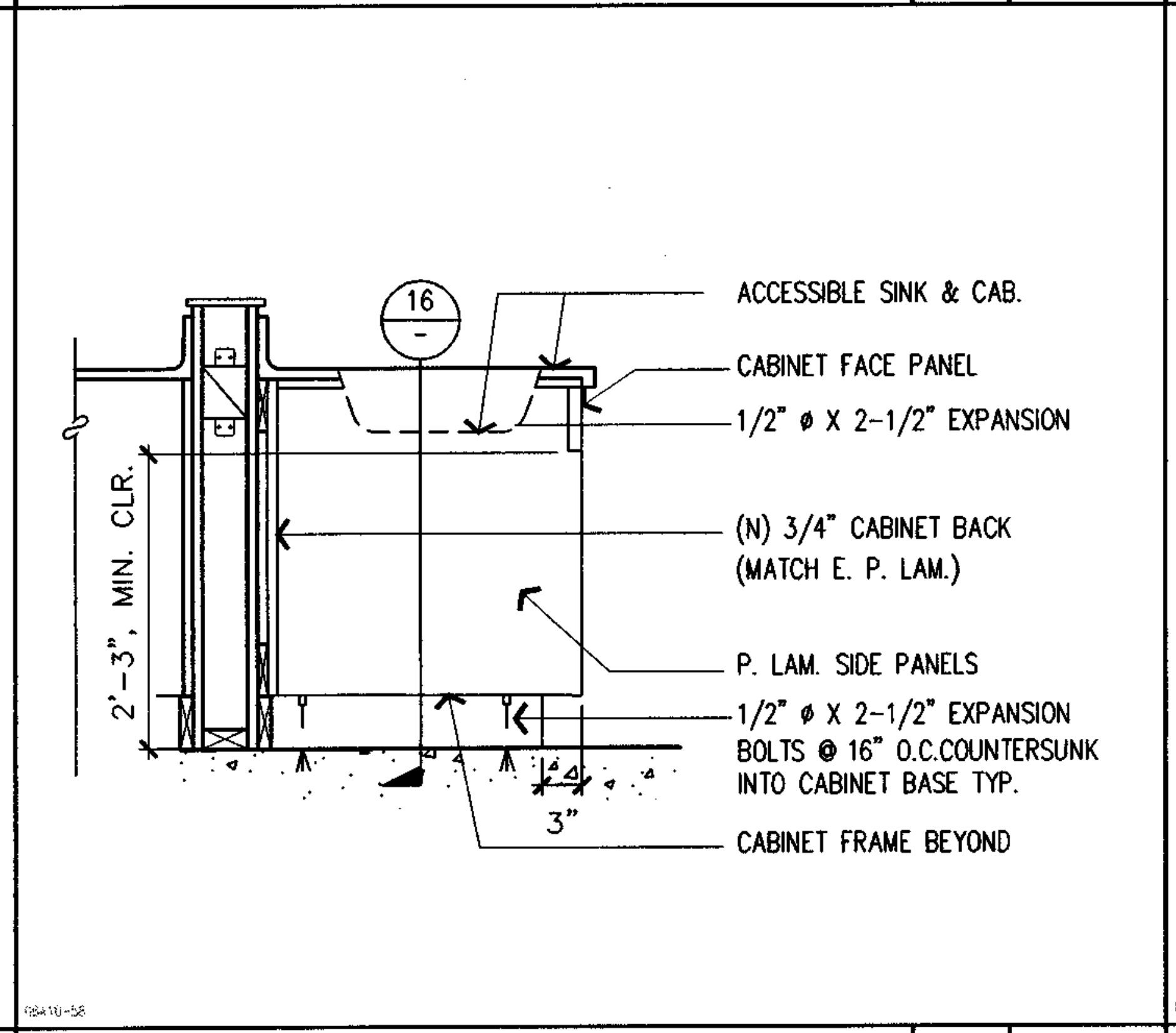
NOTE: OMIT KEYBOARD TRAY AT ACCESSIBLE STATION

TYPICAL COMPUTER COUNTER 1" 2

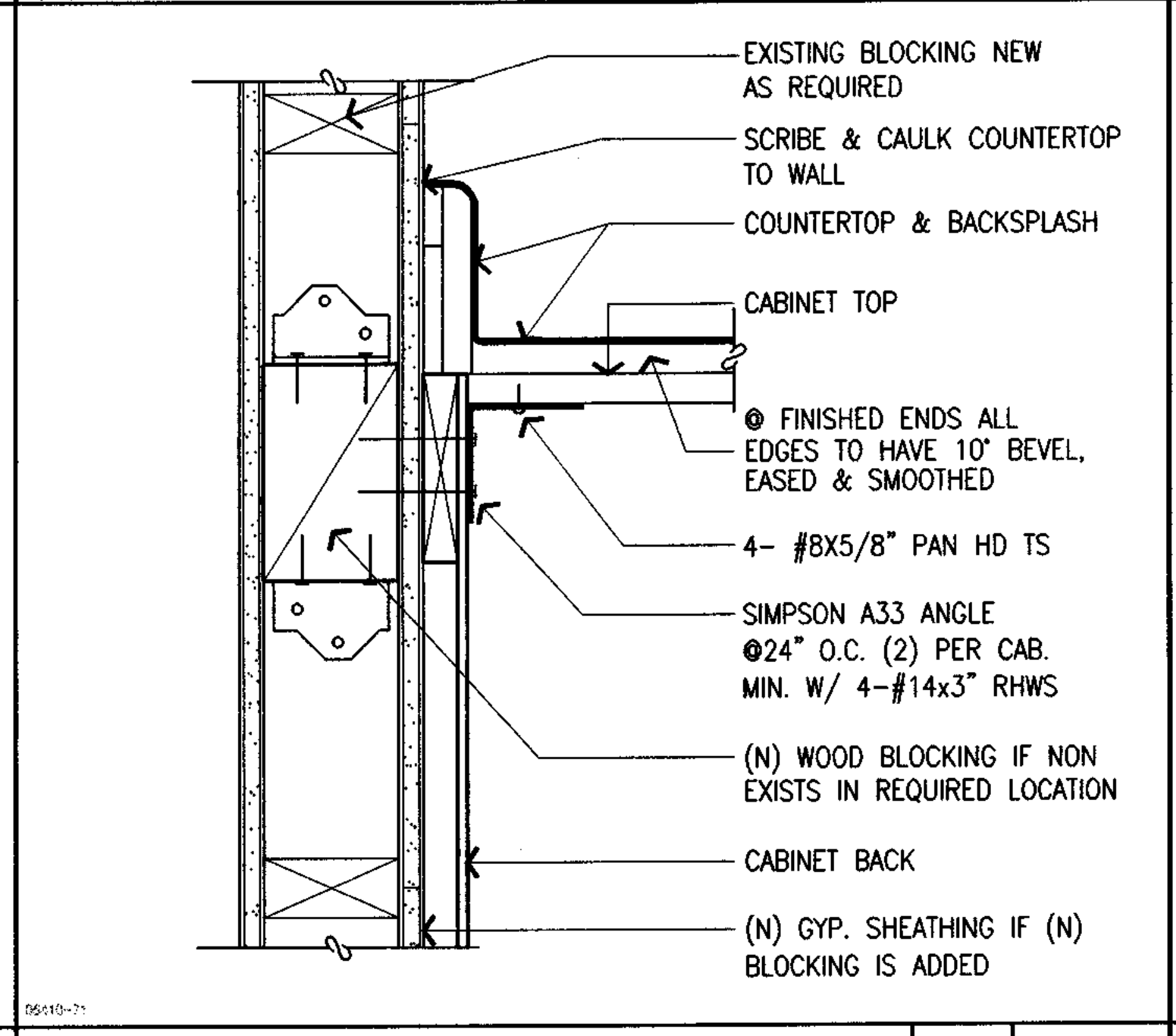


NOTES:
1. SEE DET. T01.03 FOR ACCESSIBLE CLEARANCES
2. PATCH (E) FLOOR AND WALL SURFACES TO MATCH (E) FINISHES

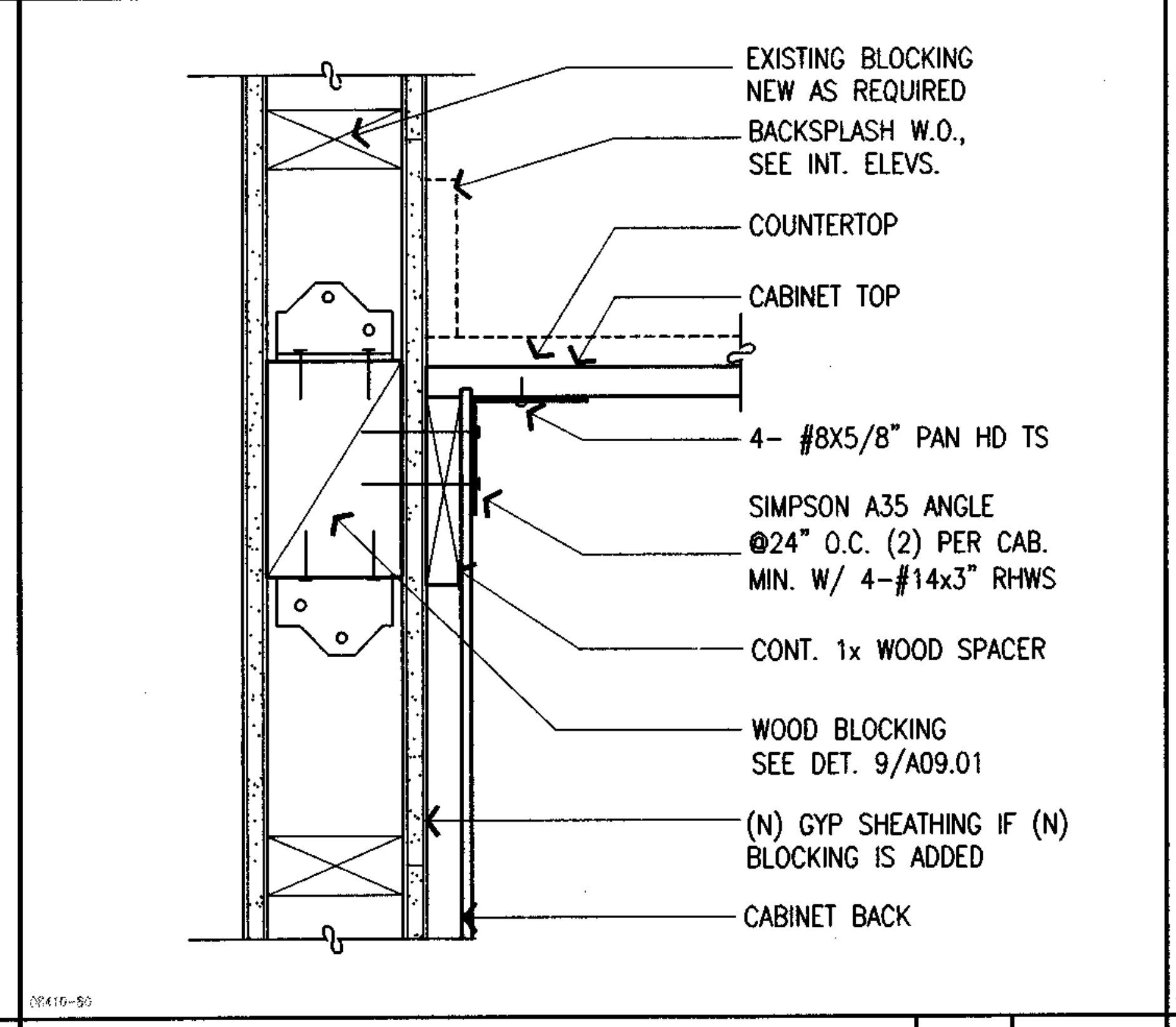
TEACHER'S PREPROOM 1/4" 19


16
ACCESSIBLE SINK & CAB.
CABINET FACE PANEL
1/2" ø X 2-1/2" EXPANSION
2'-3", MIN. CLR.
(N) 3/4" CABINET BACK (MATCH E. P. LAM.)
P. LAM. SIDE PANELS
1/2" ø X 2-1/2" EXPANSION BOLTS @ 16" O.C.COUNTERSUNK INTO CABINET BASE TYP.
4"
3"
CABINET FRAME BEYOND

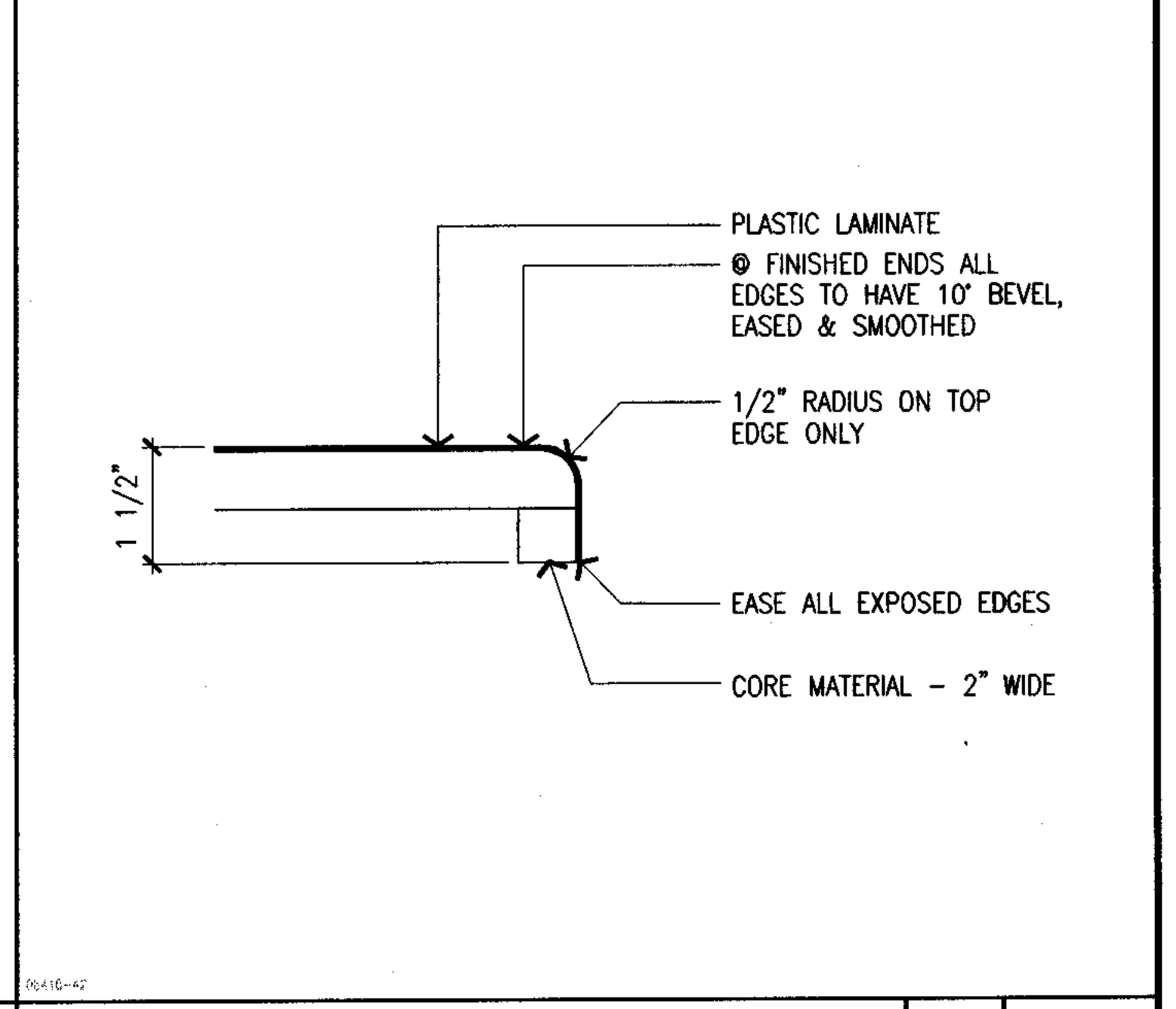
TYP. HCP SINK CABINET 1" 15


EXISTING BLOCKING NEW AS REQUIRED
SCRIBE & CAULK COUNTERTOP TO WALL
COUNTERTOP & BACKSPLASH
CABINET TOP
@ FINISHED ENDS ALL EDGES TO HAVE 10° BEVEL, EASED & SMOOTHED
4- #8X5/8" PAN HD TS
SIMPSON A33 ANGLE @24" O.C. (2) PER CAB. MIN. W/ 4-#14x3" RHWS
(N) WOOD BLOCKING IF NON EXISTS IN REQUIRED LOCATION
CABINET BACK
(N) GYP. SHEATHING IF (N) BLOCKING IS ADDED

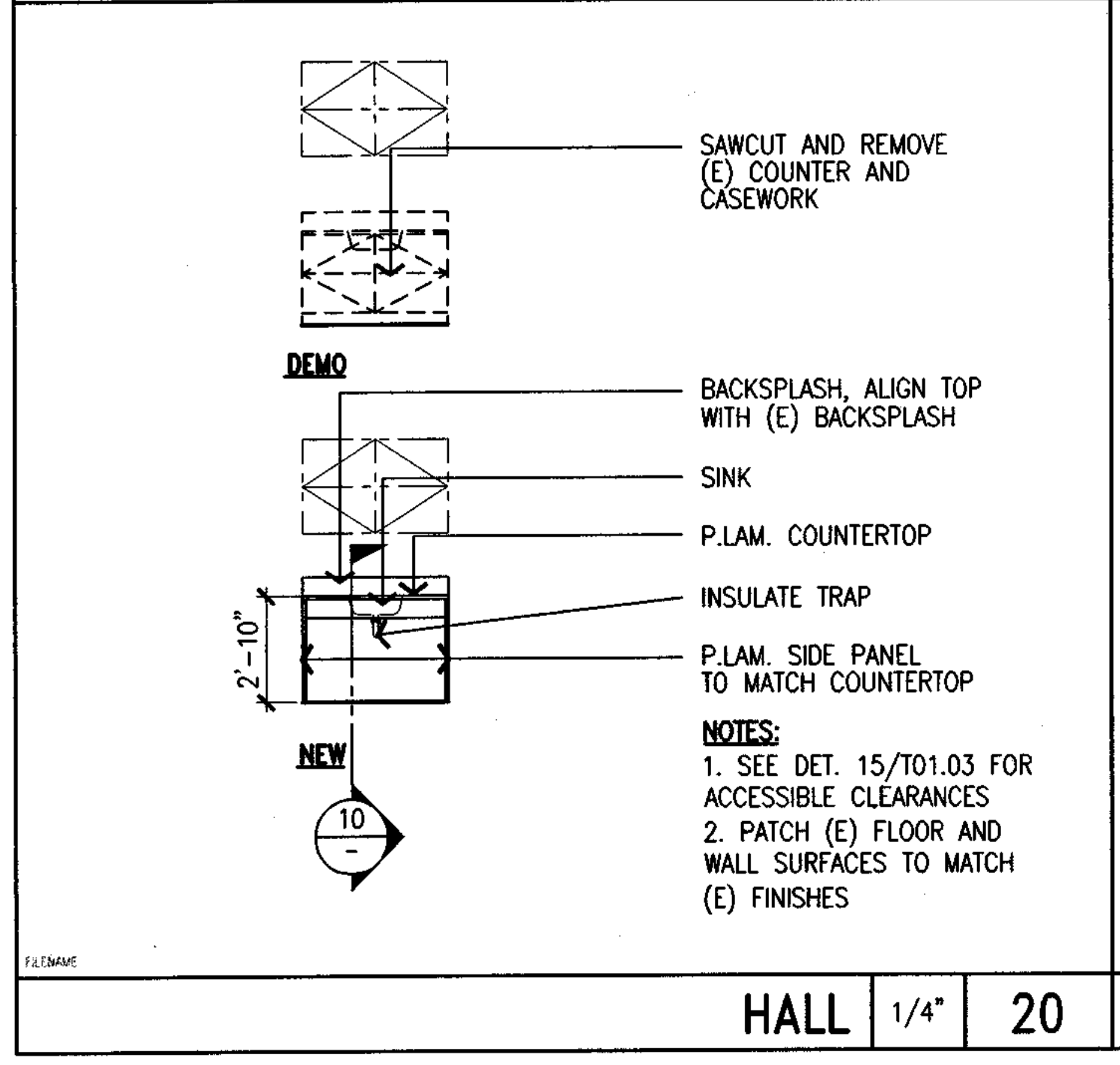
COUNTER-BACKSPLASH ANCHORAGE 3" 11


EXISTING BLOCKING NEW AS REQUIRED
BACKSPLASH W.O., SEE INT. ELEVS.
COUNTERTOP
CABINET TOP
4- #8X5/8" PAN HD TS
SIMPSON A35 ANGLE @24" O.C. (2) PER CAB. MIN. W/ 4-#14x3" RHWS
CONT. 1x WOOD SPACER
WOOD BLOCKING SEE DET. 9/A09.01
(N) GYP SHEATHING IF (N) BLOCKING IS ADDED
CABINET BACK

BASE CABINET ANCHORAGE 3" 7

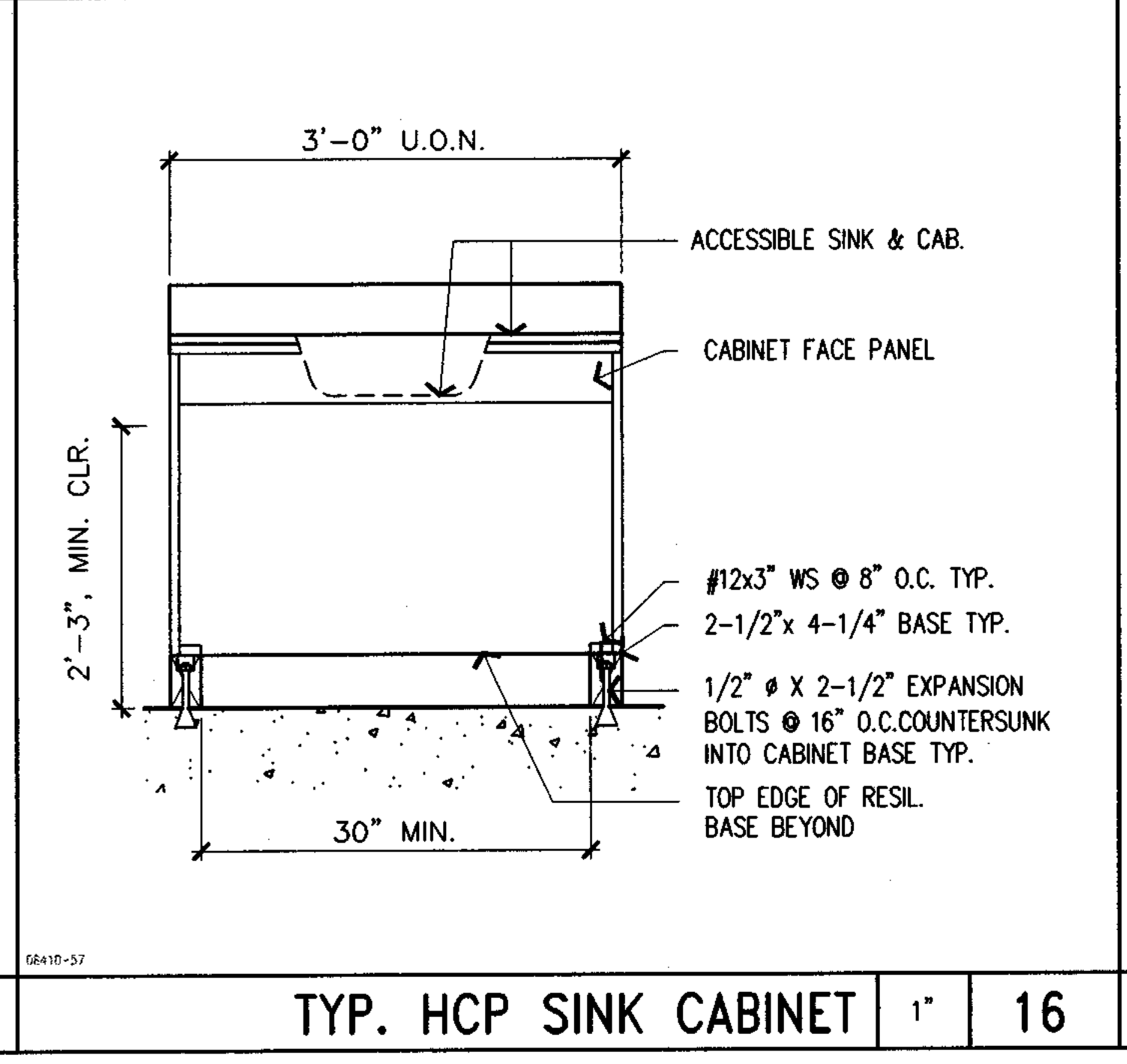

PLASTIC LAMINATE
@ FINISHED ENDS ALL EDGES TO HAVE 10° BEVEL, EASED & SMOOTHED
1/2" RADIUS ON TOP EDGE ONLY
1 1/2"
EASE ALL EXPOSED EDGES
CORE MATERIAL - 2" WIDE

COUNTER EDGE 6" 3

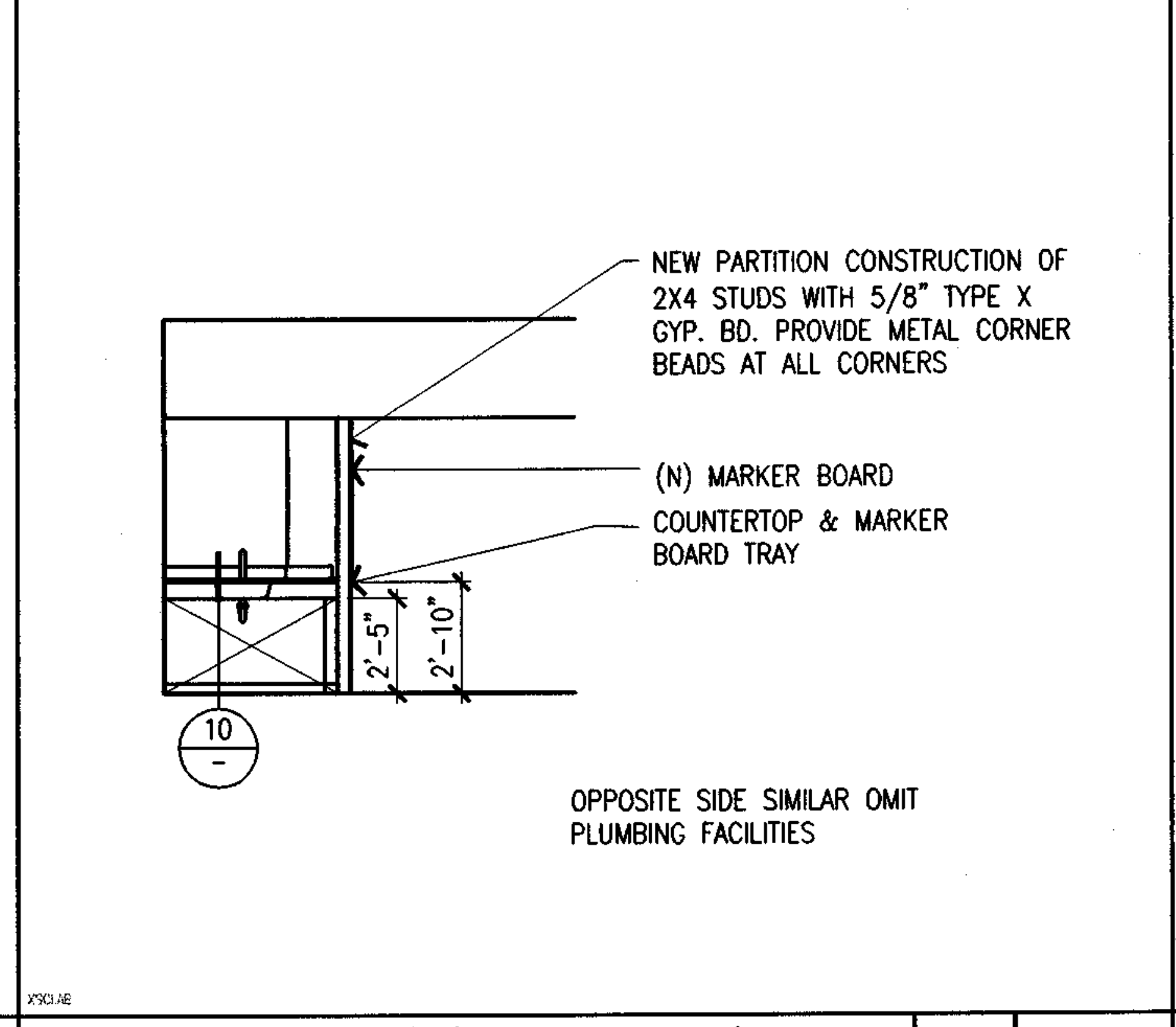

SAWCUT AND REMOVE (E) COUNTER AND CASEWORK
DEMO
BACKSPLASH, ALIGN TOP WITH (E) BACKSPLASH
SINK
P.LAM. COUNTERTOP
INSULATE TRAP
P.LAM. SIDE PANEL TO MATCH COUNTERTOP
2'-10"
NEW
10

NOTES:
1. SEE DET. 15/T01.03 FOR ACCESSIBLE CLEARANCES
2. PATCH (E) FLOOR AND WALL SURFACES TO MATCH (E) FINISHES

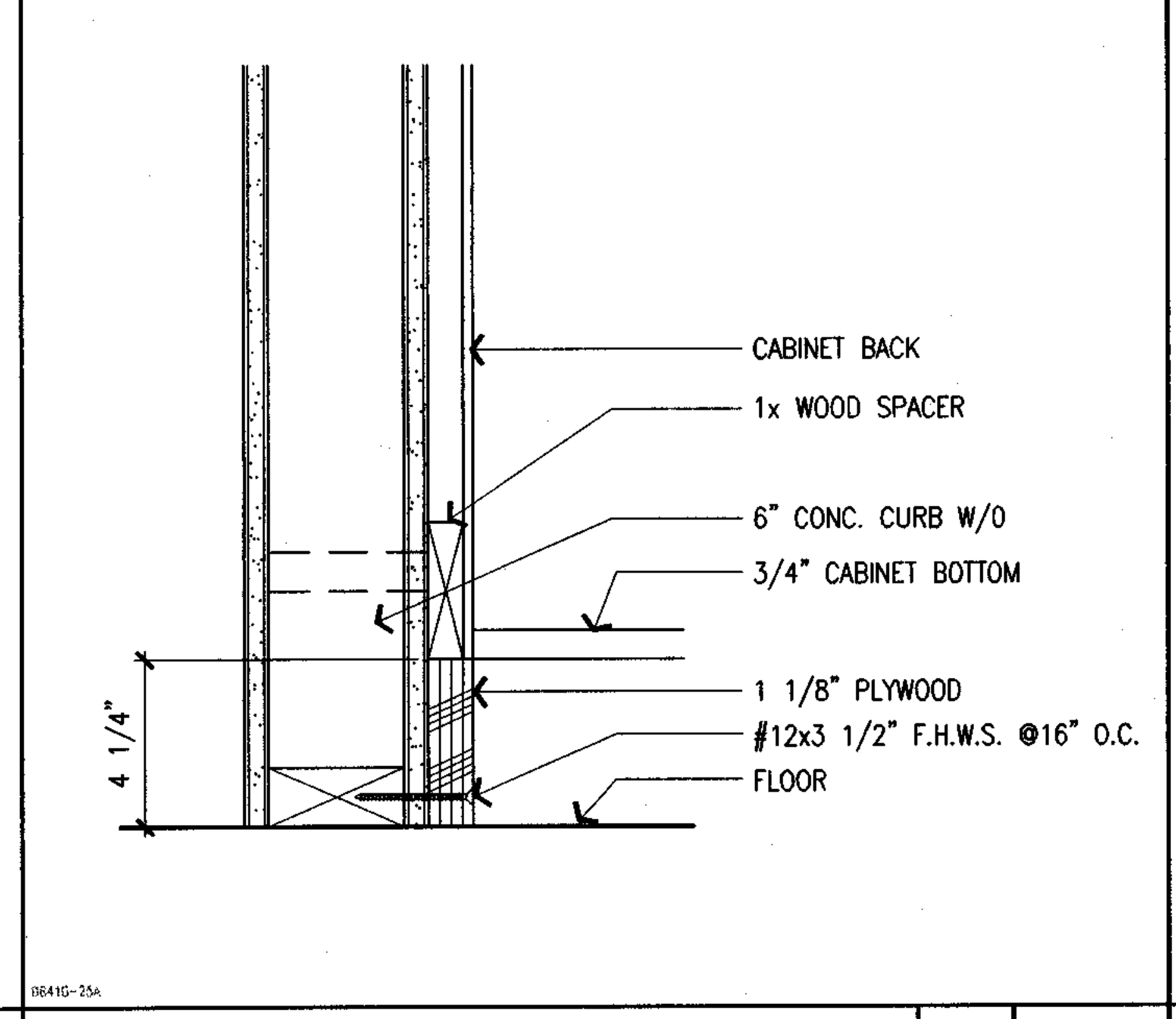
HALL 1/4" 20



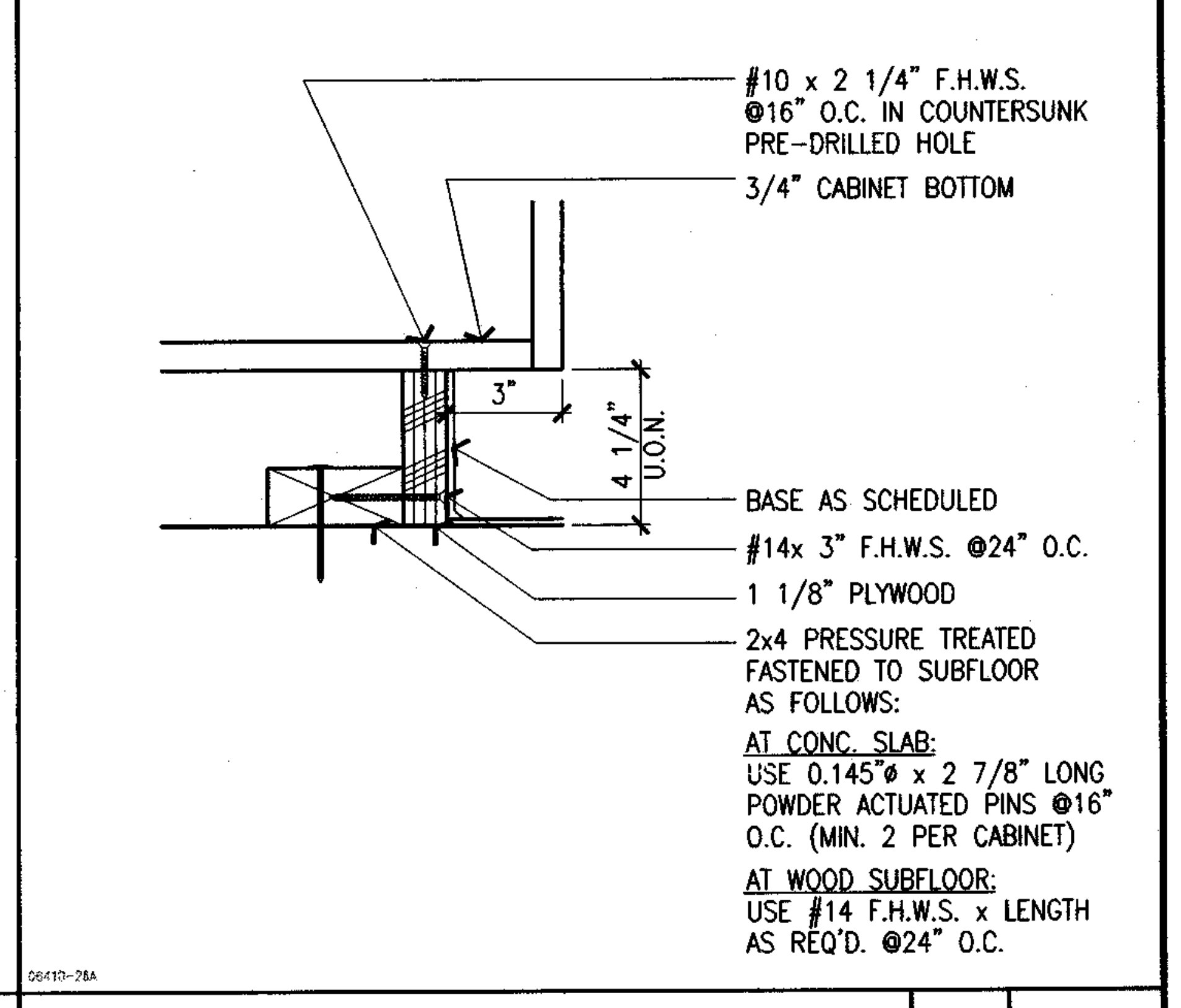
TYP. HCP SINK CABINET 1" 16


NEW PARTITION CONSTRUCTION OF 2X4 STUDS WITH 5/8" TYPE X GYP. BD. PROVIDE METAL CORNER BEADS AT ALL CORNERS
(N) MARKER BOARD
COUNTERTOP & MARKER BOARD TRAY
2'-5"
2'-10"
10
OPPOSITE SIDE SIMILAR OMIT PLUMBING FACILITIES

COUNTER @ (N) SCI. LAB/CLSRM 1/4" 12



BASE/ISLAND CABINET ANCHORAGE 3" 8


#10 x 2 1/4" F.H.W.S. @16" O.C. IN COUNTERSUNK PRE-DRILLED HOLE
3/4" CABINET BOTTOM
3"
4 1/4" U.O.N.
BASE AS SCHEDULED
#14x 3" F.H.W.S. @24" O.C.
1 1/8" PLYWOOD
2x4 PRESSURE TREATED FASTENED TO SUBFLOOR AS FOLLOWS:

AT CONC. SLAB:
USE 0.145"ø x 2 7/8" LONG POWDER ACTUATED PINS @16" O.C. (MIN. 2 PER CABINET)
AT WOOD SUBFLOOR:
USE #14 F.H.W.S. x LENGTH AS REQ'D. @24" O.C.

BASE CABINET ANCHORAGE 3" 4

VBN ARCHITECTS
560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP. 12/31/99

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC____ FLS____ SS____
DATE________

AUTHORITY APPROVAL

CASEWORK
SCHEDULE &
CASEWORK
DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

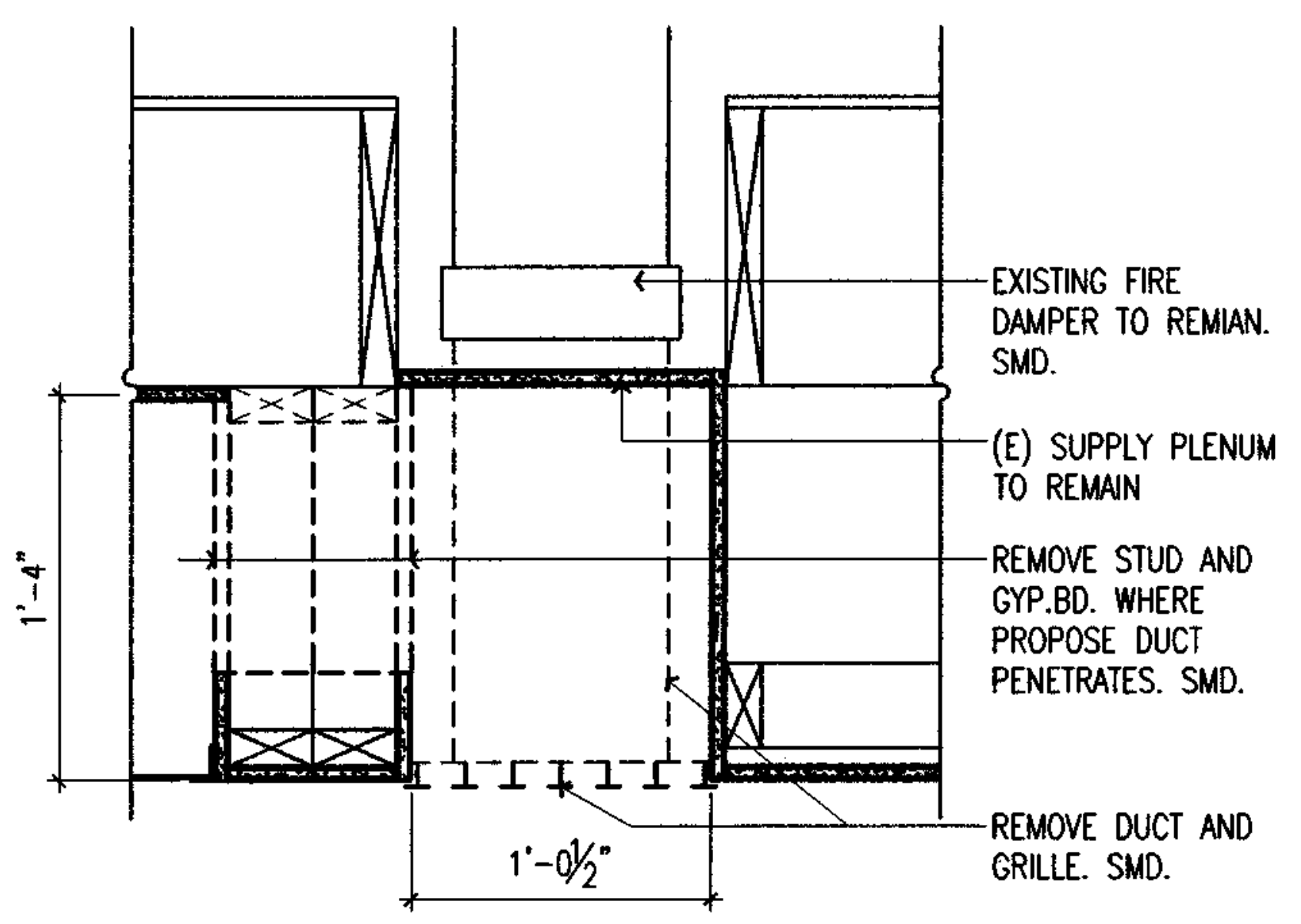
A09.03

JOB NO: 99041B OF SHEETS

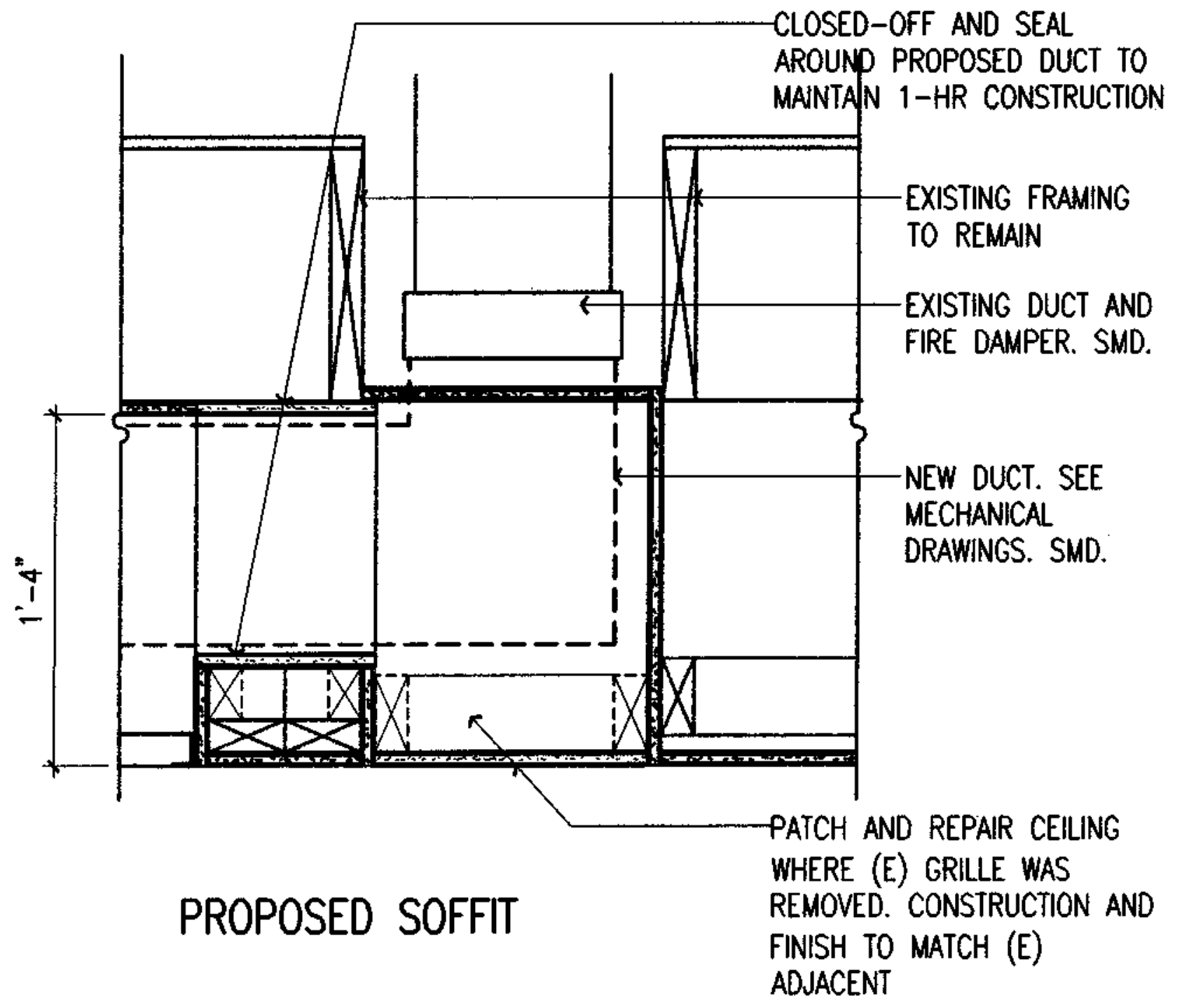
EST. HOURS

STATUS BAR 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

NOT USED | SCALE | 17


EXISTING FIRE DAMPER TO REMIAN. SMD.
(E) SUPPLY PLENUM TO REMAIN
REMOVE STUD AND GYP.BD. WHERE PROPOSE DUCT PENETRATES. SMD.
REMOVE DUCT AND GRILLE. SMD.
1'-4"
1'-0½"

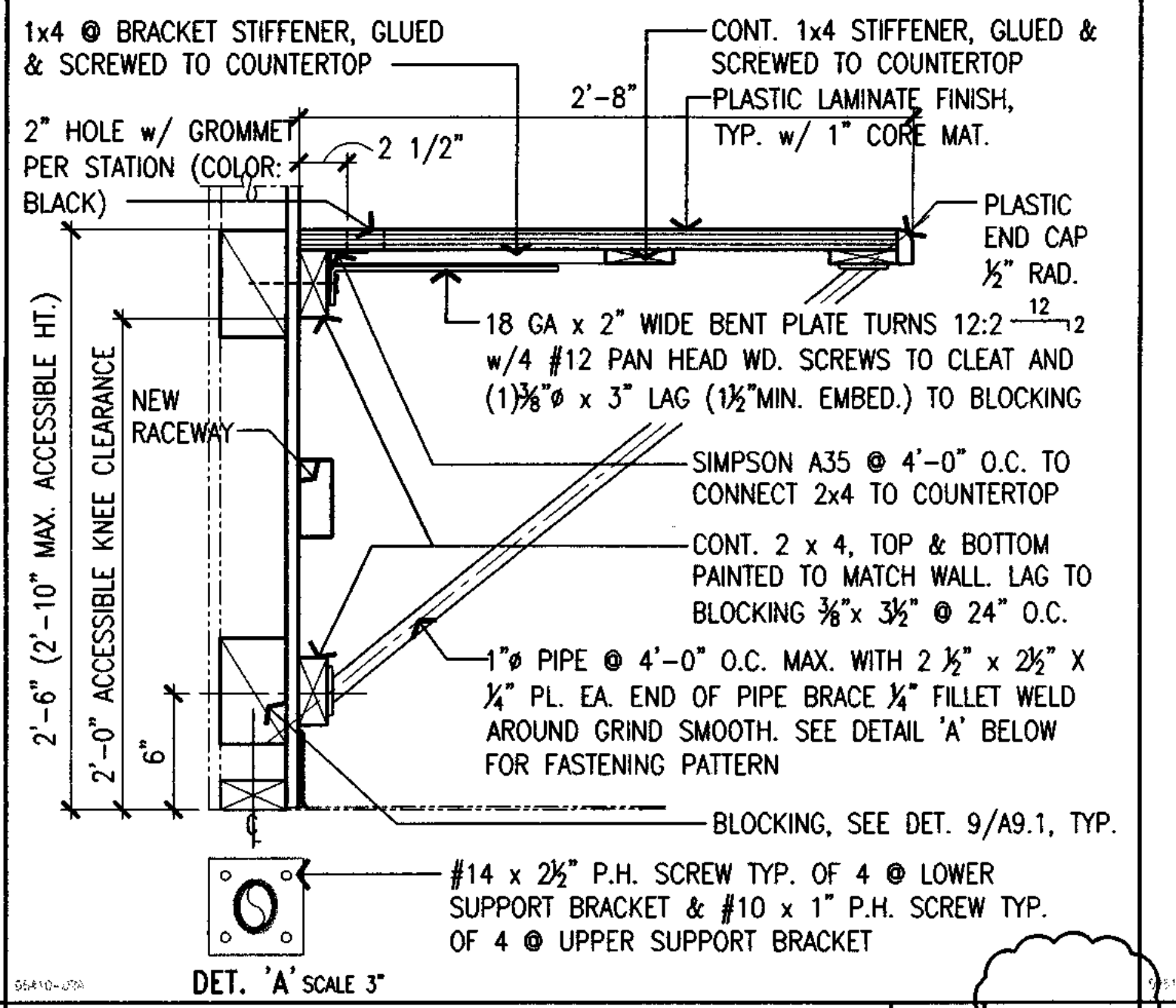
SOFFIT DEMO


CLOSED-OFF AND SEAL AROUND PROPOSED DUCT TO MAINTAIN 1-HR CONSTRUCTION
EXISTING FRAMING TO REMAIN
EXISTING DUCT AND FIRE DAMPER. SMD.
NEW DUCT. SEE MECHANICAL DRAWINGS. SMD.
PATCH AND REPAIR CEILING WHERE (E) GRILLE WAS REMOVED. CONSTRUCTION AND FINISH TO MATCH (E) ADJACENT
1'-4"

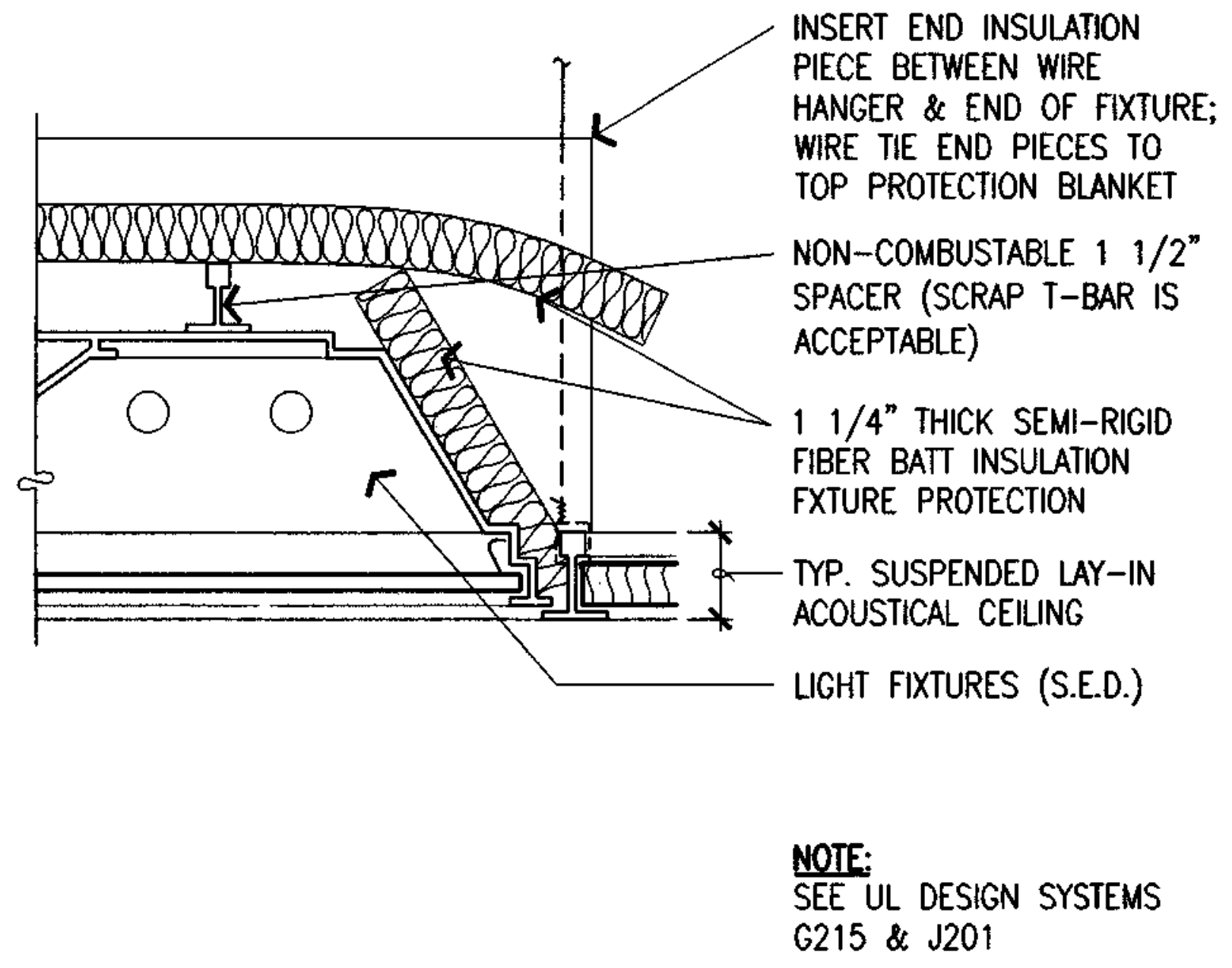
PROPOSED SOFFIT

DUCT PENETRATION DETAIL | 1 1/2" | 14 | △1

NOT USED | SCALE | 9


1x4 @ BRACKET STIFFENER, GLUED & SCREWED TO COUNTERTOP
CONT. 1x4 STIFFENER, GLUED & SCREWED TO COUNTERTOP
2'-8"
PLASTIC LAMINATE FINISH, TYP. w/ 1" CORE MAT.
2" HOLE w/ GROMMET PER STATION (COLOR: BLACK)
2 1/2"
PLASTIC END CAP ½" RAD.
18 GA x 2" WIDE BENT PLATE TURNS 12:2 w/4 #12 PAN HEAD WD. SCREWS TO CLEAT AND (1)⅜"ø x 3" LAG (1½"MIN. EMBED.) TO BLOCKING
NEW RACEWAY
SIMPSON A35 @ 4'-0" O.C. TO CONNECT 2x4 TO COUNTERTOP
CONT. 2 x 4, TOP & BOTTOM PAINTED TO MATCH WALL. LAG TO BLOCKING ⅜"x 3½" @ 24" O.C.
1"ø PIPE @ 4'-0" O.C. MAX. WITH 2 ½" x 2½" X ¼" PL. EA. END OF PIPE BRACE ¼" FILLET WELD AROUND GRIND SMOOTH. SEE DETAIL 'A' BELOW FOR FASTENING PATTERN
BLOCKING, SEE DET. 9/A9.1, TYP.
#14 x 2½" P.H. SCREW TYP. OF 4 @ LOWER SUPPORT BRACKET & #10 x 1" P.H. SCREW TYP. OF 4 @ UPPER SUPPORT BRACKET
2'-6" (2'-10" MAX. ACCESSIBLE HT.)
2'-0" ACCESSIBLE KNEE CLEARANCE
6"
DET. 'A' SCALE 3"

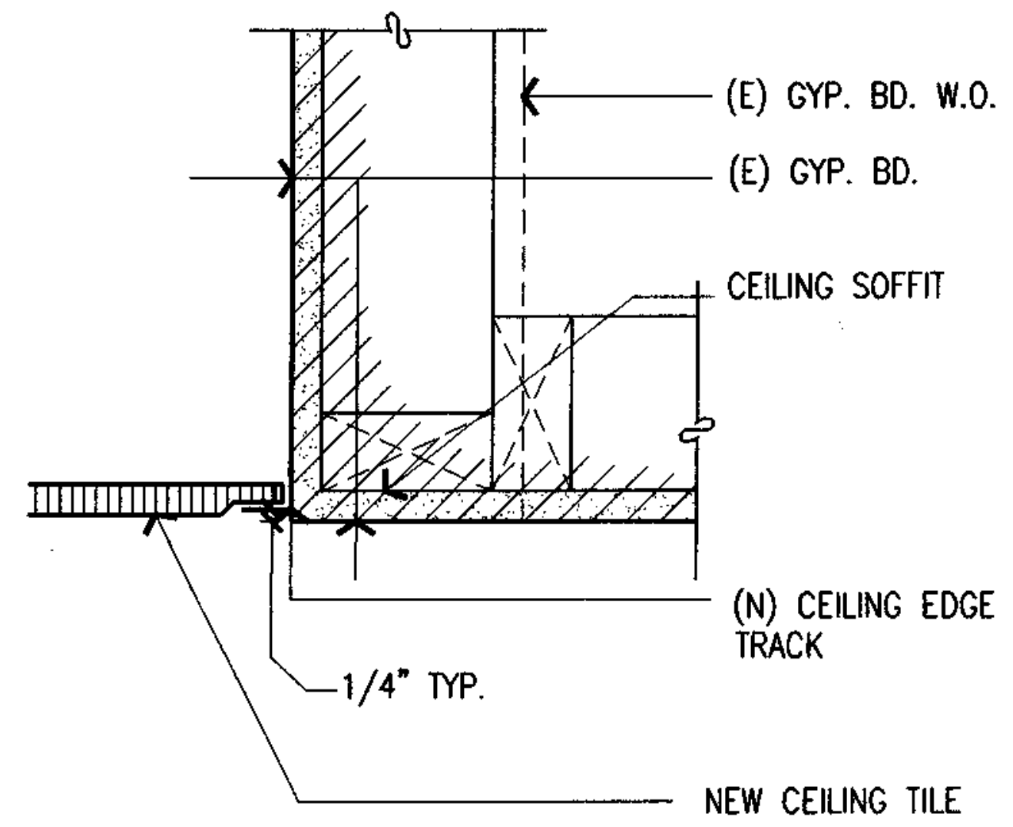
COMPUTER DESK SUPPORT | 1 1/2" | 5 | △1


INSERT END INSULATION PIECE BETWEEN WIRE HANGER & END OF FIXTURE; WIRE TIE END PIECES TO TOP PROTECTION BLANKET
NON-COMBUSTABLE 1 1/2" SPACER (SCRAP T-BAR IS ACCEPTABLE)
1 1/4" THICK SEMI-RIGID FIBER BATT INSULATION FXTURE PROTECTION
TYP. SUSPENDED LAY-IN ACOUSTICAL CEILING
LIGHT FIXTURES (S.E.D.)

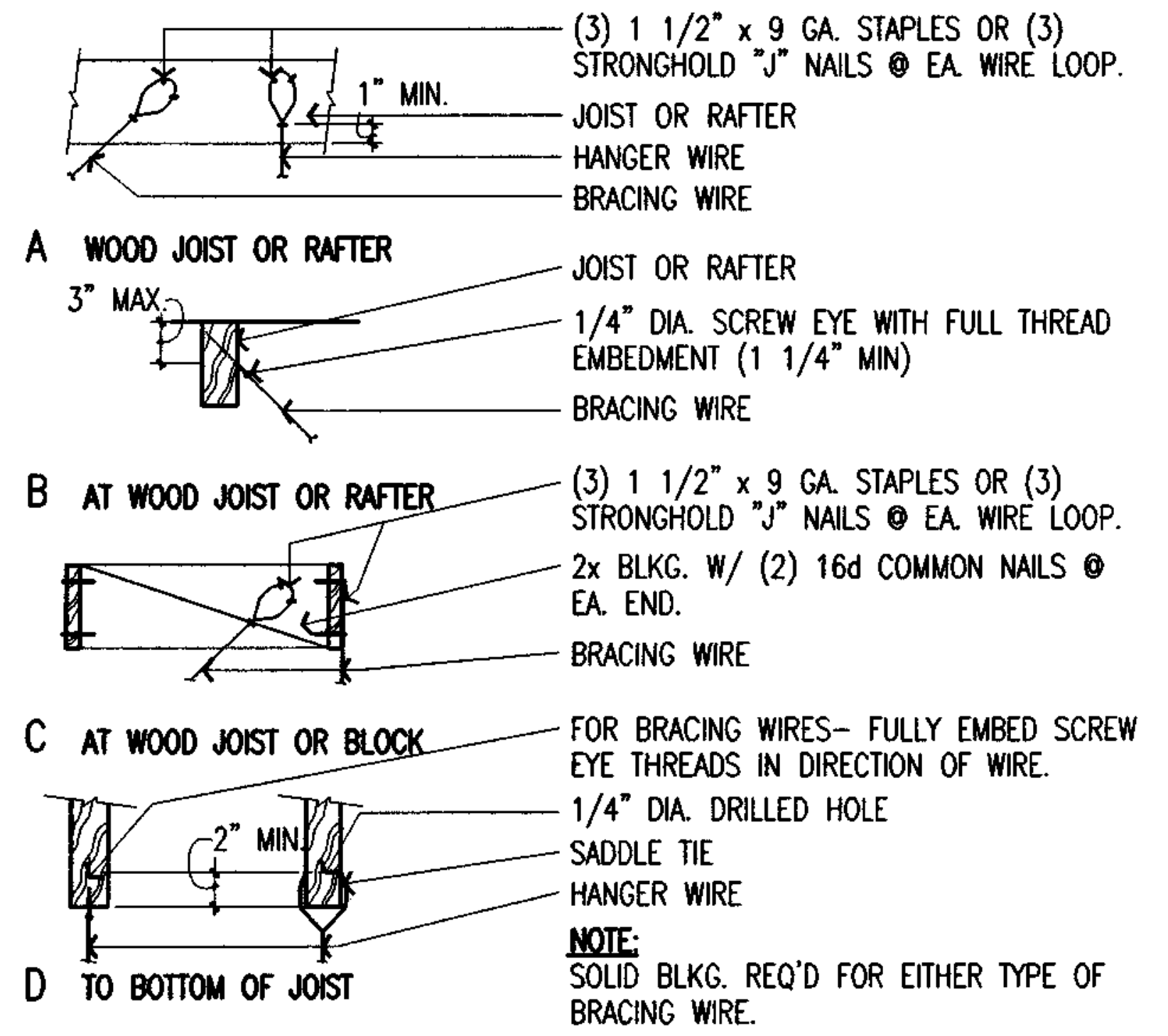
NOTE:
SEE UL DESIGN SYSTEMS G215 & J201

ACOUS. CLG. 1 HR. LIGHT FIX. | NTS | 1

NOT USED | SCALE | 18



(N) CEILING @ (E) SOFFIT CORNER | 3" | 10

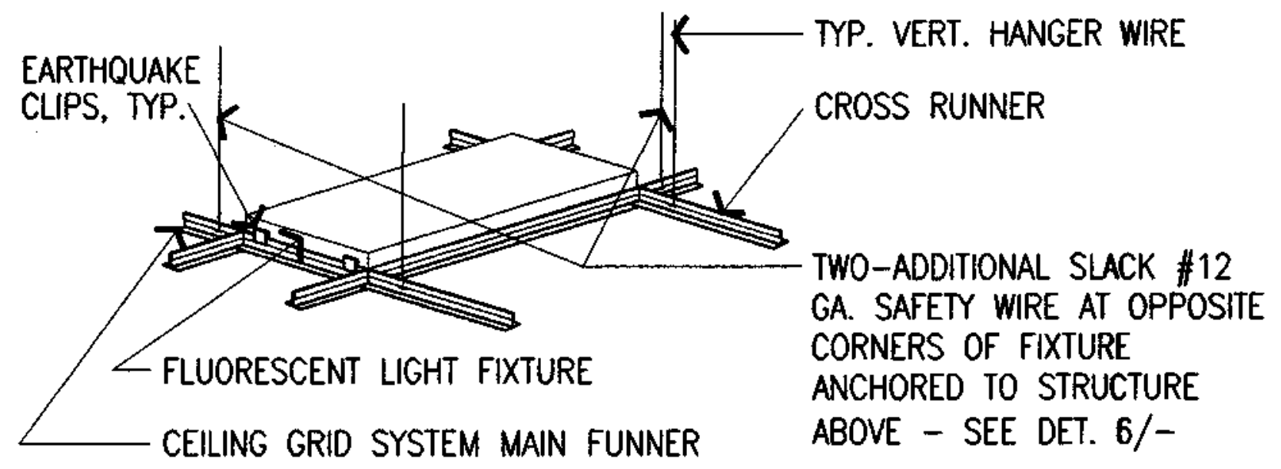

(3) 1 1/2" x 9 GA. STAPLES OR (3) STRONGHOLD "J" NAILS @ EA. WIRE LOOP.
1" MIN.
JOIST OR RAFTER
HANGER WIRE
BRACING WIRE
A WOOD JOIST OR RAFTER
3" MAX.
JOIST OR RAFTER
1/4" DIA. SCREW EYE WITH FULL THREAD EMBEDMENT (1 1/4" MIN)
BRACING WIRE
B AT WOOD JOIST OR RAFTER
(3) 1 1/2" x 9 GA. STAPLES OR (3) STRONGHOLD "J" NAILS @ EA. WIRE LOOP.
2x BLKG. W/ (2) 16d COMMON NAILS @ EA. END.
BRACING WIRE
C AT WOOD JOIST OR BLOCK
FOR BRACING WIRES- FULLY EMBED SCREW EYE THREADS IN DIRECTION OF WIRE.
2" MIN.
1/4" DIA. DRILLED HOLE
SADDLE TIE
HANGER WIRE
D TO BOTTOM OF JOIST

NOTE:
SOLID BLKG. REQ'D FOR EITHER TYPE OF BRACING WIRE.

CLG. HANGER & BRACING | 1" | 6

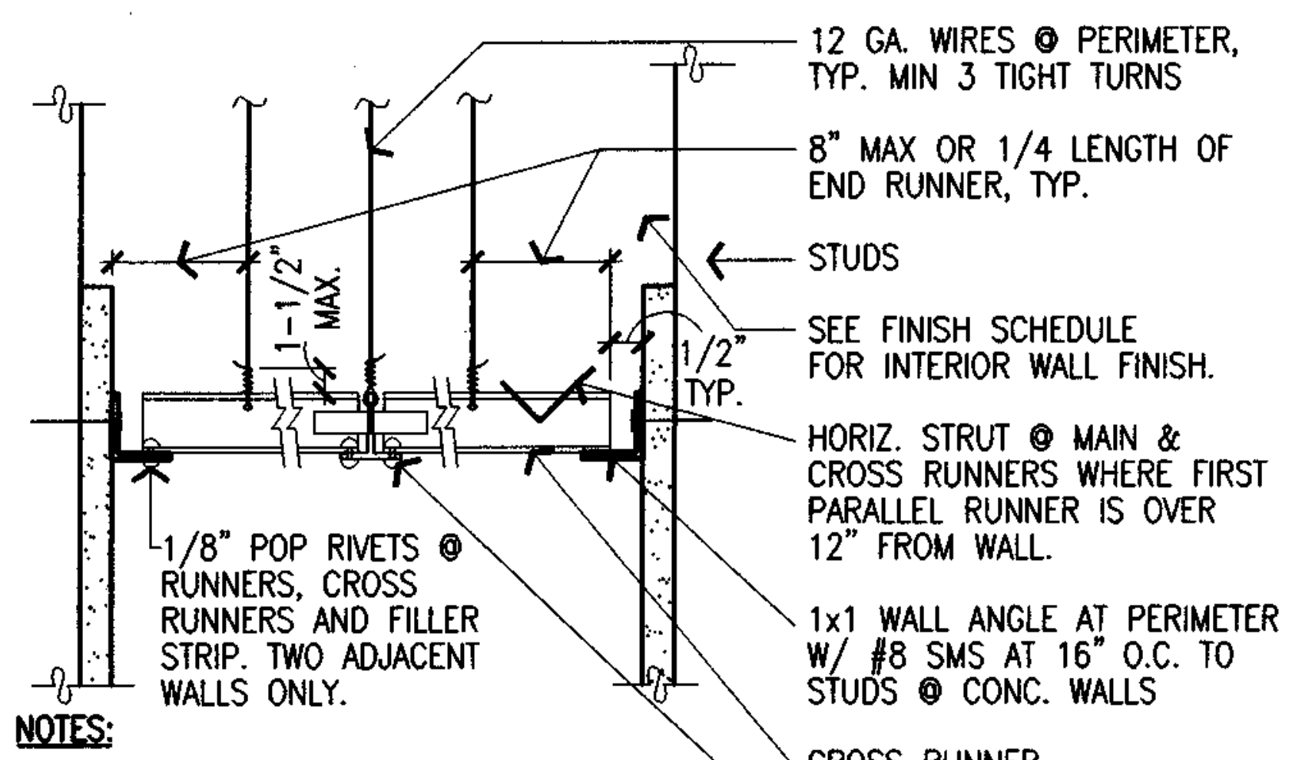
NOTES:

- THIS DETAIL APPLIES ONLY TO LIGHT FIXTURES, AIR TERMINALS, AND SERVICES UNDER 56 POUNDS. LIGHT FIXTURES, AIR TERMINALS & SERVICES WEIGHING 56 LBS. OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. SAFETY WIRES, CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE UNIT, EACH ATTACHED TO THE UNIT & THE STRUCTURE ABOVE.
- PROVIDE EARTHQUAKE CLIPS AS FOLLOWS: ONE EACH SIDE FOR FIXTURE W/ MAIN RUNNER @ SIDE OR TWO EACH END FOR FIXTURE W/ MAIN RUNNER @ END.
- ATTACH ALL LIGHT FIXTURES TO CEILING GRID TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE.


EARTHQUAKE CLIPS, TYP.
TYP. VERT. HANGER WIRE
CROSS RUNNER
TWO-ADDITIONAL SLACK #12 GA. SAFETY WIRE AT OPPOSITE CORNERS OF FIXTURE ANCHORED TO STRUCTURE ABOVE - SEE DET. 6/-
FLUORESCENT LIGHT FIXTURE
CEILING GRID SYSTEM MAIN FUNNER

ACOUS. CLG. LT. FIX. SUSPENSION | NTS | 2

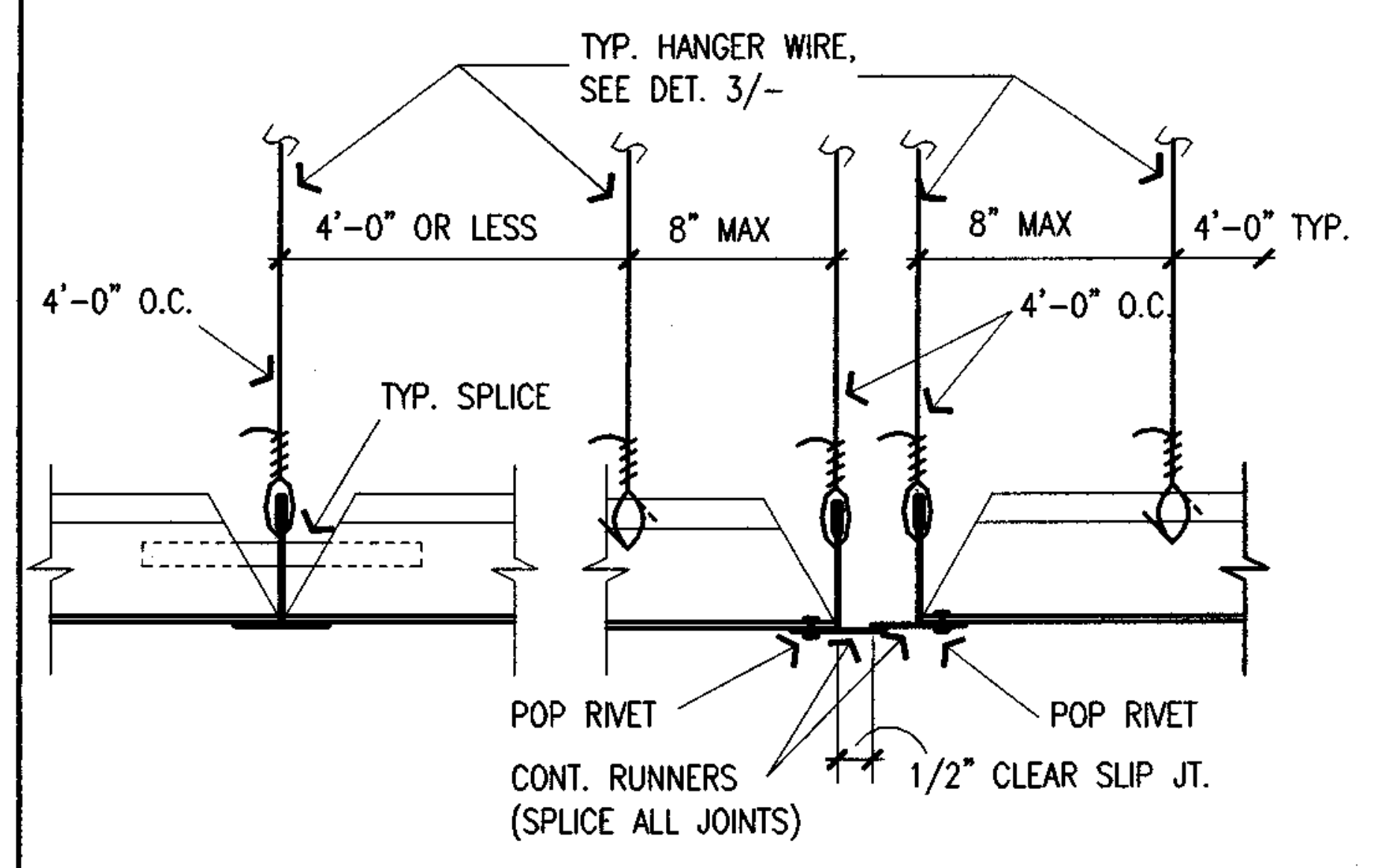
NOT USED | SCALE | 19


12 GA. WIRES @ PERIMETER, TYP. MIN 3 TIGHT TURNS
8" MAX OR 1/4 LENGTH OF END RUNNER, TYP.
STUDS
SEE FINISH SCHEDULE FOR INTERIOR WALL FINISH.
1-1/2" MAX.
1/2" TYP.
HORIZ. STRUT @ MAIN & CROSS RUNNERS WHERE FIRST PARALLEL RUNNER IS OVER 12" FROM WALL.
1/8" POP RIVETS @ RUNNERS, CROSS RUNNERS AND FILLER STRIP. TWO ADJACENT WALLS ONLY.
1x1 WALL ANGLE AT PERIMETER W/ #8 SMS AT 16" O.C. TO STUDS @ CONC. WALLS
CROSS RUNNER
1/8" POP RIVETS @ MAIN RUNNER AND CROSS RUNNER SPLICE. POP RIVETS SAME FINISH AS RUNNER.

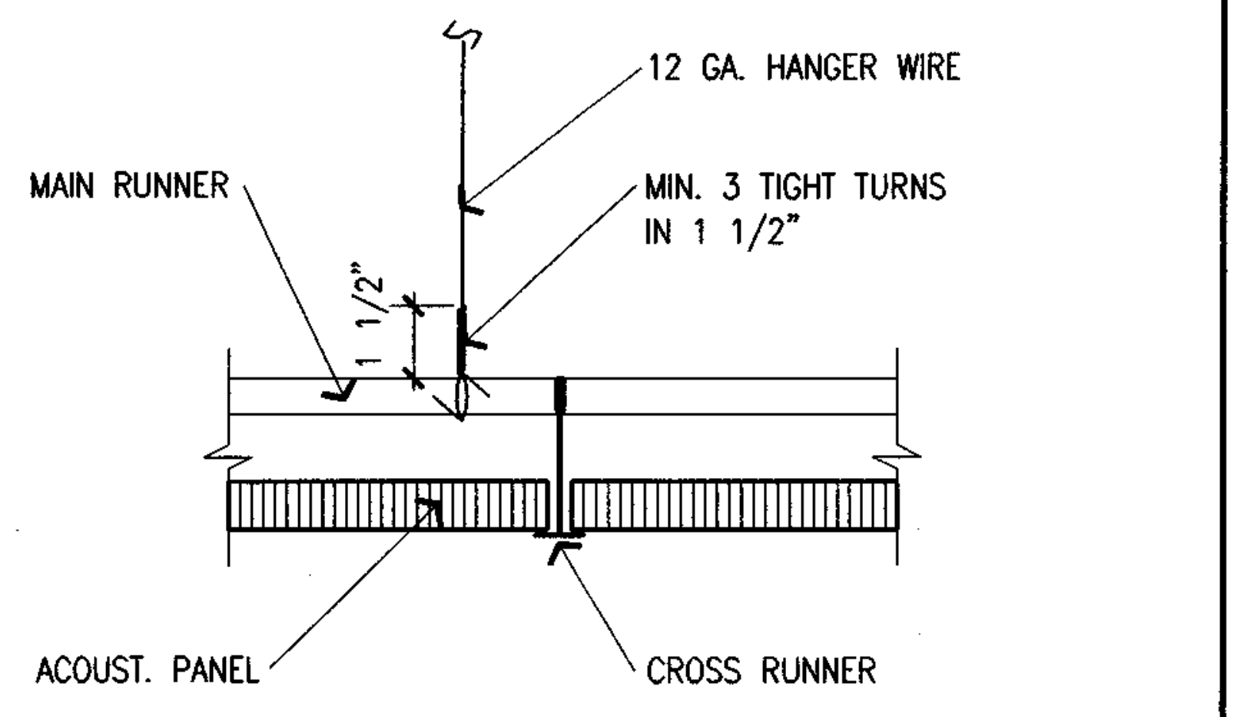
NOTES:

- FASTENERS @ HORIZ. STRUT RUNNER TO BE PLACED @ ENDS OF STRUT W/ HEAD TOWARD CENTERLINE OF SPAN OF STRUT.
- IF WALLS RUN DIAGONAL TO CLG. GRID SYSTEM RUNNERS, ONE END OF MAIN & CROSS RUNNERS SHALL BE FREE, AND A MINIMUM OF 1/2" CLEAR OF WALL.

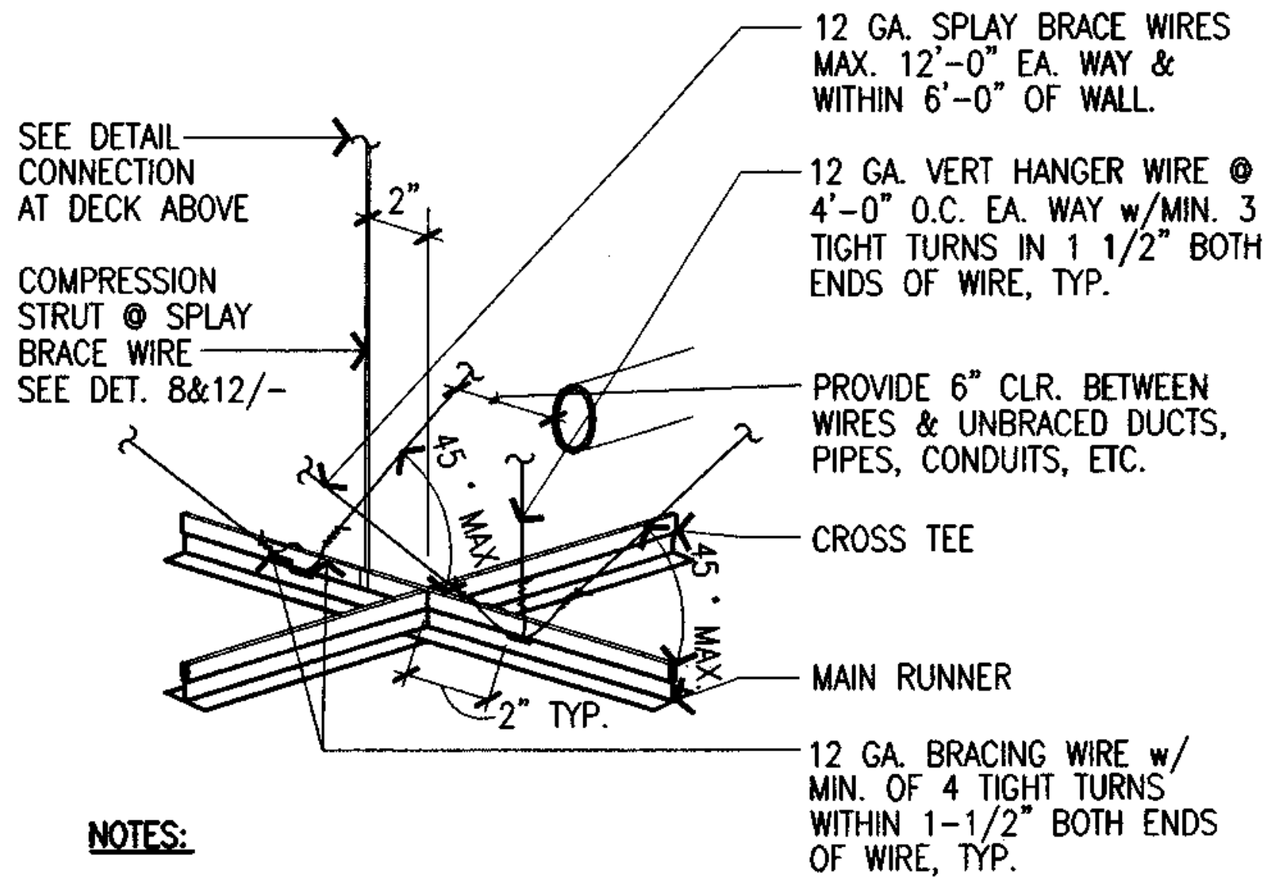
ACOUSTICAL CEILING-TYP. SECTION | NTS | 15



SUSP. CEILING SLIP JOINT | N.T.S. | 11



SUSP. CEILING WIRE CONNECTION | 3" | 7


12 GA. SPLAY BRACE WIRES MAX. 12'-0" EA. WAY & WITHIN 6'-0" OF WALL.
SEE DETAIL CONNECTION AT DECK ABOVE
2"
12 GA. VERT HANGER WIRE @ 4'-0" O.C. EA. WAY w/MIN. 3 TIGHT TURNS IN 1 1/2" BOTH ENDS OF WIRE, TYP.
COMPRESSION STRUT @ SPLAY BRACE WIRE SEE DET. 8&12/-
PROVIDE 6" CLR. BETWEEN WIRES & UNBRACED DUCTS, PIPES, CONDUITS, ETC.
45 • MAX.
45 • MAX.
CROSS TEE
MAIN RUNNER
2" TYP.
12 GA. BRACING WIRE w/ MIN. OF 4 TIGHT TURNS WITHIN 1-1/2" BOTH ENDS OF WIRE, TYP.

NOTES:

- PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS, OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTER SLOPING WIRES.
- ALL SPLAY BRACE WIRES AND VERTICAL HANGER WIRES TO BE ANCHORED TO STRUCTURE ABOVE, SEE DET. X/- FOR CONNECTIONS.

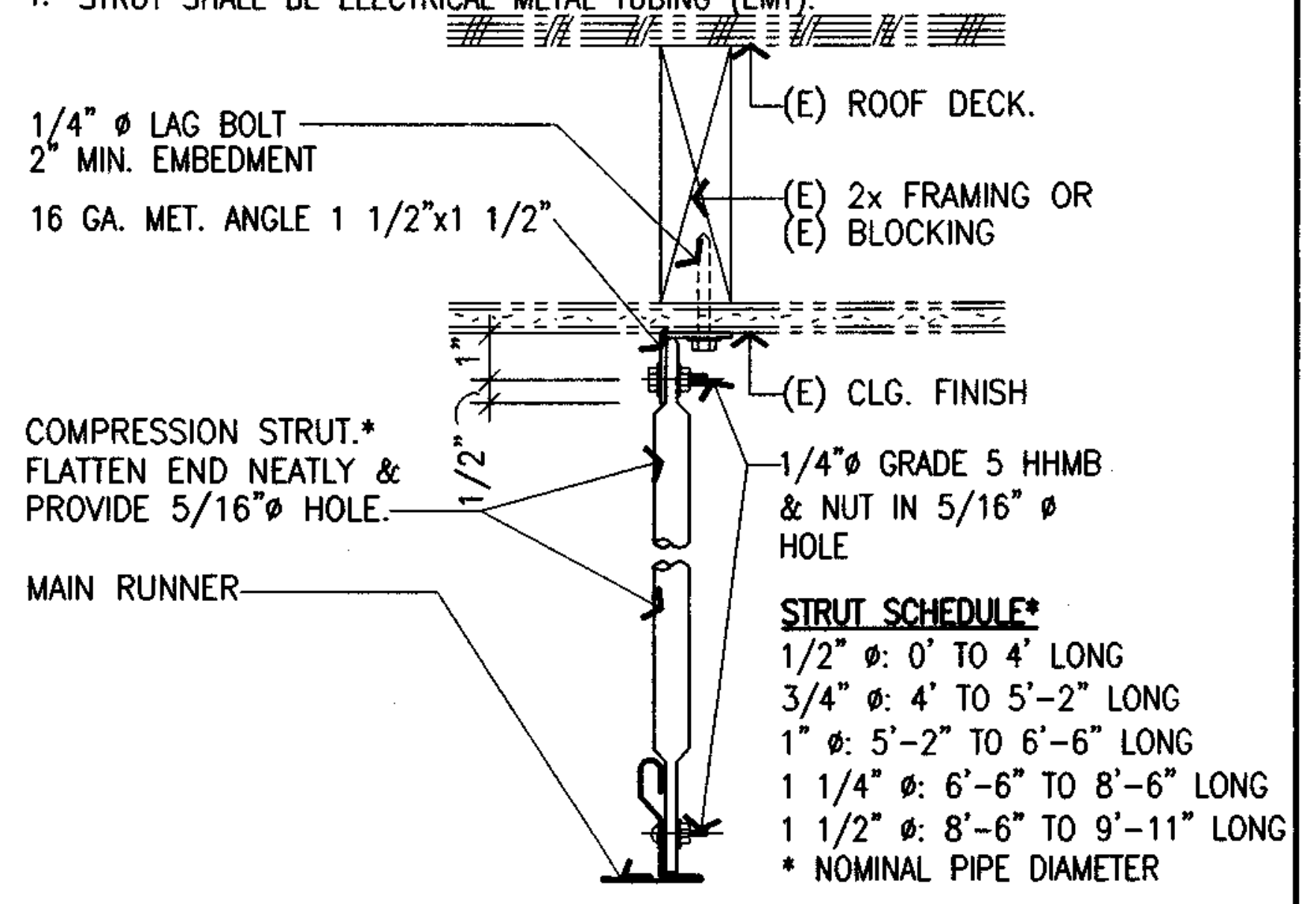
ACOUS. CLG. - SEISMIC BRACING | NTS | 3

NOT USED | SCALE | 20

NOT USED | NONE | 16

NOTES:

1. COMPRESSION STRUT SHALL BE STEEL SECTION w/ L/R RATIO OF 200 MAX.
2. COMPRESSION STRUT SHALL NOT REPLACE HANGER WIRES.
3. PROVIDE COMPRESSION STRUT WITHIN 12" OF LIGHT FIXTURE SUSPENSION SUPPORT CABLE.
4. STRUT SHALL BE ELECTRICAL METAL TUBING (EMT).

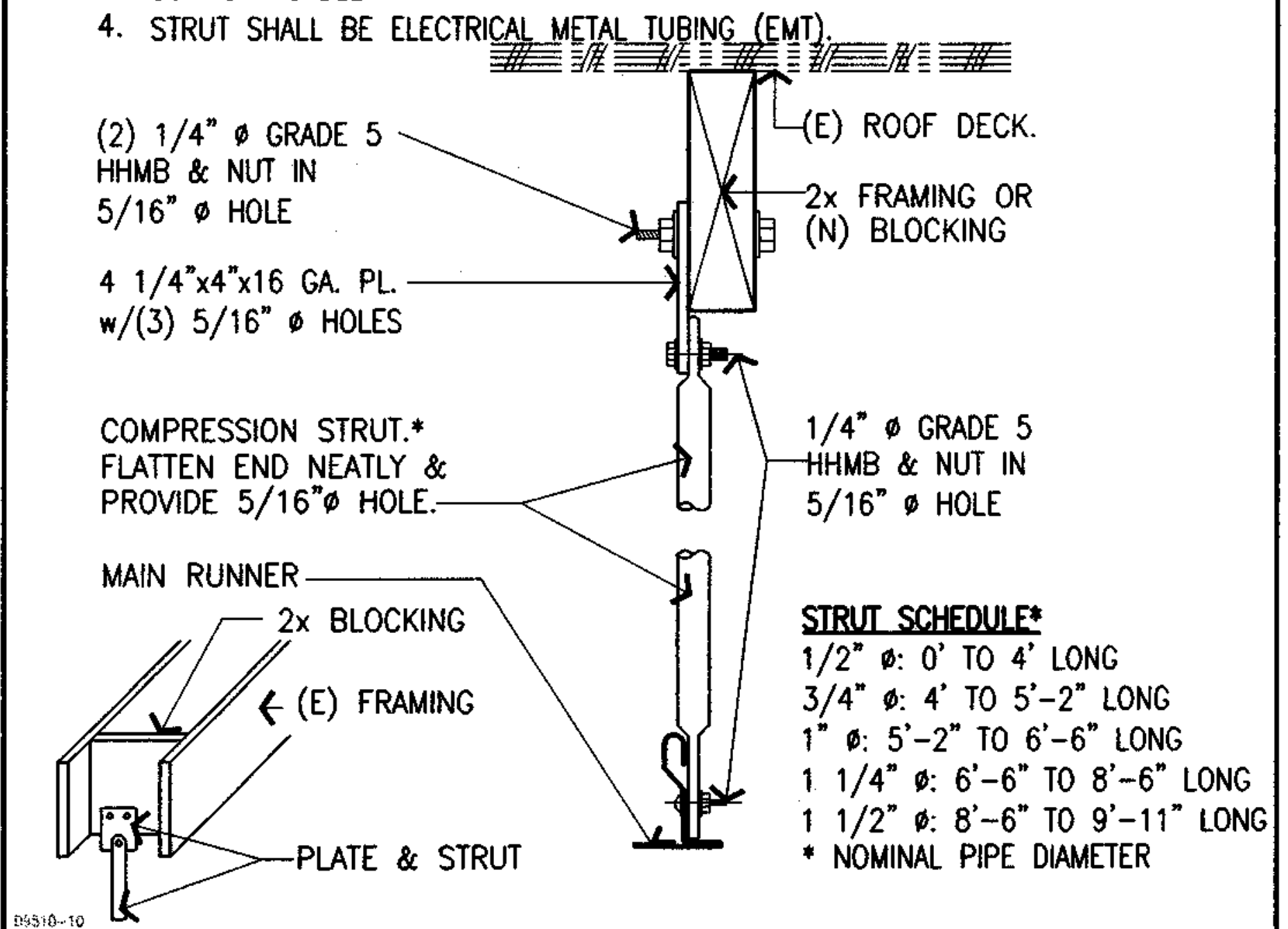

(E) ROOF DECK.
1/4" ø LAG BOLT 2" MIN. EMBEDMENT
16 GA. MET. ANGLE 1 1/2"x1 1/2"
(E) 2x FRAMING OR (E) BLOCKING
1"
1/2"
(E) CLG. FINISH
COMPRESSION STRUT.* FLATTEN END NEATLY & PROVIDE 5/16"ø HOLE.
1/4"ø GRADE 5 HHMB & NUT IN 5/16" ø HOLE
MAIN RUNNER

STRUT SCHEDULE*
1/2" ø: 0' TO 4' LONG
3/4" ø: 4' TO 5'-2" LONG
1" ø: 5'-2" TO 6'-6" LONG
1 1/4" ø: 6'-6" TO 8'-6" LONG
1 1/2" ø: 8'-6" TO 9'-11" LONG
* NOMINAL PIPE DIAMETER

COMPRESSION STRUT | 3" | 12

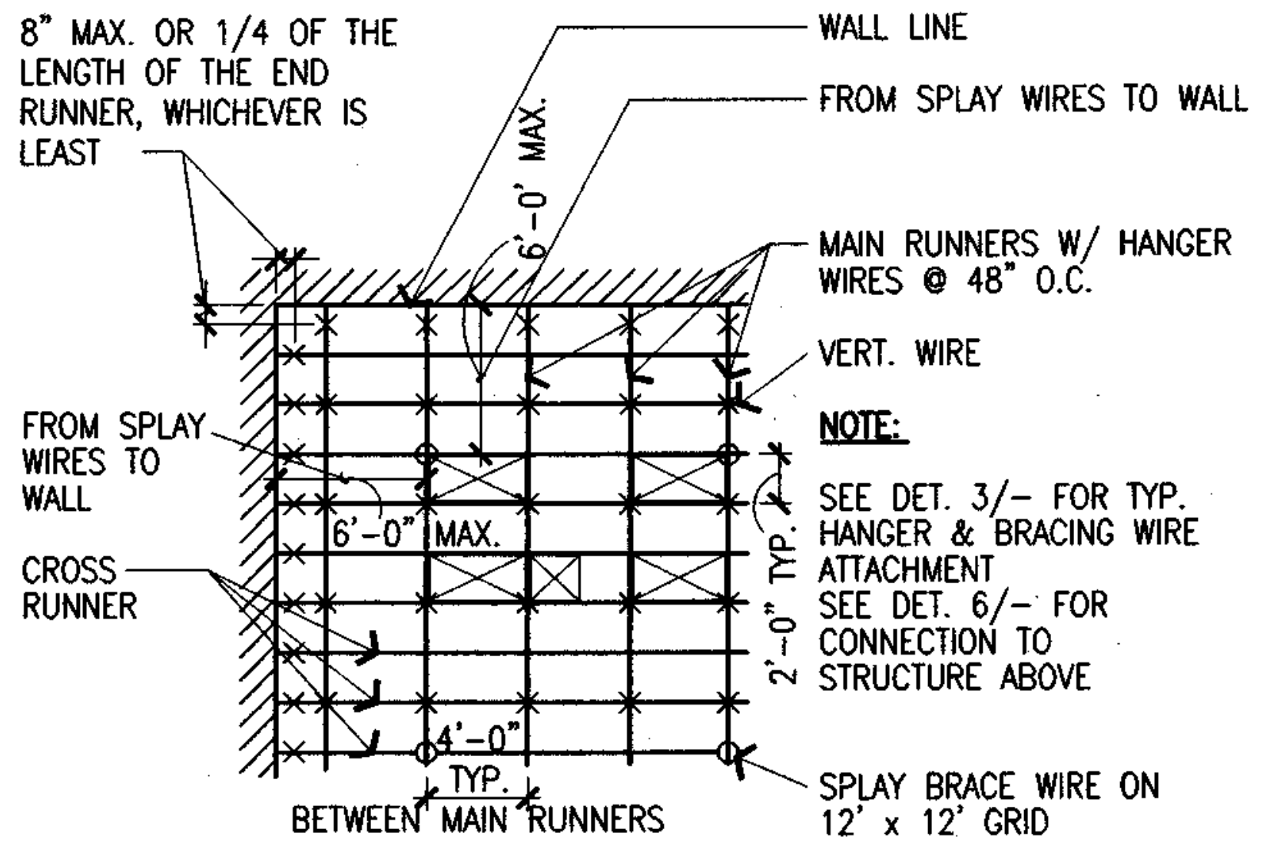
NOTES:

1. COMPRESSION STRUT SHALL BE STEEL SECTION w/ L/R RATIO OF 200 MAX.
2. COMPRESSION STRUT SHALL NOT REPLACE HANGER WIRES.
3. PROVIDE COMPRESSION STRUT WITHIN 12" OF LIGHT FIXTURE SUSPENSION SUPPORT CABLE.
4. STRUT SHALL BE ELECTRICAL METAL TUBING (EMT).


(E) ROOF DECK.
(2) 1/4" ø GRADE 5 HHMB & NUT IN 5/16" ø HOLE
2x FRAMING OR (N) BLOCKING
4 1/4"x4"x16 GA. PL. w/(3) 5/16" ø HOLES
COMPRESSION STRUT.* FLATTEN END NEATLY & PROVIDE 5/16"ø HOLE.
1/4" ø GRADE 5 HHMB & NUT IN 5/16" ø HOLE
MAIN RUNNER
2x BLOCKING
(E) FRAMING
PLATE & STRUT

STRUT SCHEDULE*
1/2" ø: 0' TO 4' LONG
3/4" ø: 4' TO 5'-2" LONG
1" ø: 5'-2" TO 6'-6" LONG
1 1/4" ø: 6'-6" TO 8'-6" LONG
1 1/2" ø: 8'-6" TO 9'-11" LONG
* NOMINAL PIPE DIAMETER

COMPRESSION STRUT | 3" | 8


8" MAX. OR 1/4 OF THE LENGTH OF THE END RUNNER, WHICHEVER IS LEAST
WALL LINE
FROM SPLAY WIRES TO WALL
6'-0' MAX.
MAIN RUNNERS W/ HANGER WIRES @ 48" O.C.
VERT. WIRE
FROM SPLAY WIRES TO WALL
6'-0" MAX.
CROSS RUNNER
2'-0" TYP.
4'-0" TYP. BETWEEN MAIN RUNNERS
SPLAY BRACE WIRE ON 12' x 12' GRID

NOTE:
SEE DET. 3/- FOR TYP. HANGER & BRACING WIRE ATTACHMENT
SEE DET. 6/- FOR CONNECTION TO STRUCTURE ABOVE

ACOUS. CLG. - TYP. GRID LAYOUT | NTS | 4

VBN ARCHITECTS

560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY
C 3158
EXP. 12/31/99

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___ DATE 11/17/03
APPL. NO. 01-10[illegible]

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

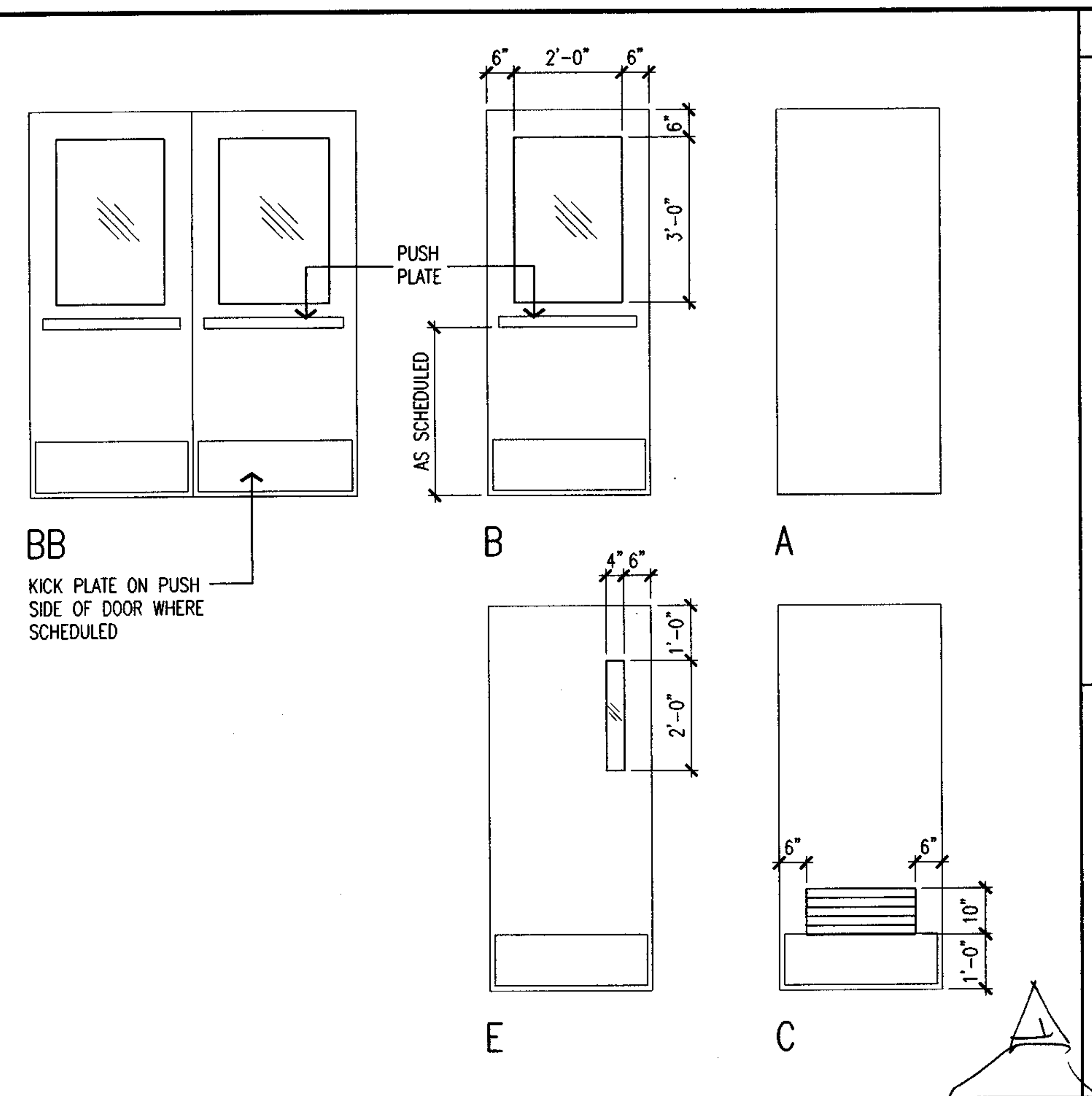
SUSPENDED CEILING DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: CHECKED BY:

A09.04

JOB NO: 99041B OF SHEETS



NEW DOOR TYPES

1/2" 1

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. DOOR SCHEDULES SHOW EACH DOOR TYPE WITH MOUNTING HEIGHTS, MATERIAL, RATING, GLAZING SCHEDULE, DETAIL REFERENCES, HARDWARE, AND SPECIAL CONDITIONS.

2. **ITEMS ON SCHEDULE SHOWN BOLD ARE NEW.**

GLAZING TYPES

1	1/4" TEMPERED, CLEAR
2	1/4" LAMINATED, CLEAR
3	1/4" WIRED, CLEAR

DOOR SCHEDULE

									FRAME					HARDWARE						
DOOR NUMBER	LOCATION	DOOR FIRE RATING	WIDTH	HEIGHT	THICK-NESS	MATERIAL	TYPE	GLAZING	TYPE-1 MATERIAL	TRANSOM HEAD	HINGE JAMB	LOCK JAMB	SILL	HINGE	LOCK	CLOSER	STOP	THRES-HOLD	MISC.	NOTES
POD A																				
A1A	**A1**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-9**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	**PANIC HARDWARE**
A1B	**A1**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	**PANIC HARDWARE**
A3A	**A3**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	**PANIC HARDWARE**
A3B	**A3**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-9**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	**PANIC HARDWARE**
A4A	**A4**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**E**	**3**	(E) STL	-	-	-	-	**H-3**	**L-4**	**CL-1**	(E)	-	**M-8**	
A5A	A5	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
A6A	A6	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
A8A	A8	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
A8B	**A8**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	(E)	**L-15**	-	(E)	(E)	**M-1,M-2,M-10**	
A9A	A9	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
A10A	**A10**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**B**	**1**	**STL**	**13/A8.01 SIM.**	**13/A8.01**	**13/A8.01**	-	**H-4**	**L-4**	-	(E)	-	-	
A11A	A11	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
A11B	**A11**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	-	-	(E) STL	-	-	-	-	(E)	**L-15**	-	(E)	(E)	**M-1, M-2, M-3, M-10**	
A12A	**A12**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**C**	-	**STL**	**13/A8.01 SIM**	**13/A8.01**	**13/A8.01**	-	**H-4**	**L-10**	-	**S-1**	-	-	
A13A	A13	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
A13B	**A13**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	**STL**	**16/A8.01 SIM**	**16/A8.01**	**16/A8.01**	-	**H-1**	**L-15**	**CL-1**	-	(E)	**M-1, M-2,M-10**	
A14A	**A14**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E)STL	-	-	-	-	(E)	**L-5**	**CL-2**	(E)	-	**M-8**	
A14B	**A14**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	**H-1**	**L-15**	-	(E)	(E)	**M-1, M-2,M-10**	
A15A	**A15**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**C**	-	**STL**	**13/A8.01 SIM**	**13/A8.01**	**13/A8.01**	-	**H-4**	**L-10**	-	**S-1**	-	-	
A16A	**A16**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**C**	-	**STL**	**13/A8.01 SIM**	**13/A8.01**	**13/A8.01**	-	**H-4**	**L-10**	-	**S-1**	-	-	
POD B																				
B1A	**B1**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2**	(E)	(E)	**M-1, M-2, M-3,M-10**	**PANIC HARDWARE**
B1B	**B1**	-	**PAIR 3'-2"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-6, L-7**	**CL-2, CL-2**	(E)	(E)	**M-1, M-3, M-6,M-10**	**PANIC HARDWARE**
B2A	B2	-	PAIR 3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1**	-	-	-	-	
B2B	B2	-	PAIR 3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1**	-	-	-	-	
B3A	B3	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	-	-	-	
B4A	**B4**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	**STL**	**13/A8.01**	**13/A8.01**	**13/A8.01**	-	**H-2**	**L-3**	**CL-1**	(E)	-	**M-3, M-8**	
B5A	**B5**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	**S-1**	**T-2**	**M-1,M-2,M-3,M-10**	
B6A	**B6**	-	**PAIR 3'-2"**	**7'-0"**	**1 3/4"**	**STL**	**BB**	**1**	(E) STL	-	-	-	-	**H-1**	**L-6, L-7**	**CL-2, CL-2**	(E)	**T-2**	**M-1,M-2,M-3,M-6,M-10**	**PANIC HARDWARE**
B6B	B6	-	3'-0"	7'-0"	1 3/4"	(E)WD			(E)STL	-	-	-	-	(E)	**L-4**	-	(E)	-	-	
B6C	**B6**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2**	(E)	**T-2**	**M-1,M-2,M-3,M-10**	**PANIC HARDWARE**
B7A	**B7**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**E**	**3**	(E) STL	-	-	-	-	**H-1**	**L-13**	**CL-2**	(E)	(E)	**M-2,M-3,M-8,M-10**	
B7B	B7	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	-	(E)	(E)	-	
B8A	**B8**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M-8**	
B9A	**B9**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M-8**	
B10A	B10	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-4**	**CL-2**	(E)	-	-	
POD C																				
C1A	**C1**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	**STL**	**16/A8.01 SIM**	**16/A8.01**	**16/A8.01**	-	**H-1**	**L-12**	**CL-2**	**S-1**	**T-1**	**M-1,M-2,M-3,M-10**	
C1B	C1	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	(E)	(E)	-	
C2A	**C2**	20	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**B**	**1**	(E) STL	-	-	-	-	**H-2**	**L-4**	**CL-2**	(E)	-	**M-1, M-3**	
C2B	C2	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1**	-	(E)	(E)	-	
C3A	**C3**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2**	(E)	(E)	**M-1, M-2, M-3**	**PANIC HARDWARE**
C4A	C4	20	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-		**H-2**	**L-3**	**CL-1**			**M-1, M-3**	
C5A	C5	20	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-		**H-2**	**L-3**	**CL-1**			**M-1, M-3**	
C6A	**C6**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**C**	-	(E) STL	-	-	-	-	**H-1**	**L-3**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	**REMOVE (E) DEADBOLT**
C7A	**C7**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**C**	-	**STL**	**16/A8.01 SIM**	**16/A8.01**	**16/A8.01**	-	**H-1**	**L-3**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	**REMOVE (E) DEADBOLT**
C8A	**C8**	-	**PAIR 3'-2"**	**7'-0"**	**1 3/4"**	**STL**	**BB**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-6**	**CL-2**	(E)	(E)	**M-1, M-2, M-3, M-6,M-**	**PANIC HARDWARE**
C8B	**C8**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2,**	(E)	(E)	**M-1,M-2,M-3,M-10**	**PANIC HARDWARE**
C8C	**C8**	90	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	**H-2**	**L-5**	**CL-1**	(E)	-	**M-3, M-8**	
C9A	**C9**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	-	-	(E) STL	-	-	-	-	(E)	**L-9, L-11**	**CL-2**	(E)	-	**M-3**	**PANIC HARDWARE**
C9B	**C9**	**20***	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	-	-	(E) STL	-	-	-	-	**H-2**	**L-7, L-8**	**CL-2**	(E)	-	**M-1, M-3**	**PANIC HARDWARE**
C10A	**C10**	-	**3'-6"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2,**	(E)	(E)	**M-3,M-10**	**PANIC HARDWARE**
C10B	**C10**	-	**3'-6"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-7, L-11**	**CL-2,**	(E)	(E)	**M-3,M-10**	**PANIC HARDWARE**
POD D																				
D1A	**D1**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL				-	**H-2**	**L5**	**CL-1**	(E)	-	**M-3,M-8**	
D2A	**D2**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-,M-103**	
D2B	D2	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	**CL-1**	(E)	-	**M-3**	
D2C	D2	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1, L-2**		(E)	-	**M-3**	
D2D	D2	20	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	**H-1**	**L-3**	**CL-1**	(E)	-	**M-1,M-3**	
D3A	**D3**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	
D3B	D3	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	(E)	-	**M-3**	
D3C	D3	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1, L-2**	-	(E)	-	**M-3**	
D4A	**D4**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	
D4B	D4	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	(E)	-	**M-3**	
D4C	D4	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1,L-2**	-	(E)	-	**M-3**	
D5A	**D5**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	
D5B	D5	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	(E)	-	**M-3**	
D6A	**D6**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	
D6B	D6	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	(E)		**M-3**	
D6C	D6	20*	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M-1,M-3**	
D8A	**D8**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**B**	**1**	**STL**	**14/A8.01 SIM**	**14/A8.01**	**14/A8.01**	-	**H-2**	**L-1**	-	(E)	-	**M-3**	
D8B	**D8**	**20***	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**B**	**2**	**STL**	**14/A8.01 SIM**	**14/A8.01**	**14/A8.01**	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M-1, M-3**	
D9A	**D9**	**60***	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**A**	-	(E) STL	**14/A8.01 SIM**	**14/A8.01**	**14/A8.01**	-	(E)	**L-5**	**CL-2**	(E)	-	**M-3,M-8**	
POD E																				
E1A	**E1**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	**H-2**	**L-5**	**CL-1**	(E)	-	**M-3,M-8**	
E2A	**E2**	90	**3'-6"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	(E) STL	-	-	-	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M3,M-8**	
E2B	E2	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	-	(E)	-	**M-3**	
E2C	E2	-	3'-0"	7'-0"	1 3/4"	(E) WD			(E) STL	-	-	-	-	(E)	**L-1,L-2**	-	(E)	-	**M-3**	
E3A	**E3**	-	**PAIR 3'-2"**	**7'-0"**	**1 3/4"**	**STL**	**BB**	**1**	(E) STL	-	-	-	-	(E)	**L-6,L-7**	**CL-2,CL-2**	(E)	(E)	**M-1,M-2,M-3,M-6,M-10**	**PANIC HARDWARE**
E3B	**E3**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**B**	**1**	(E) STL	-	-	-	-	(E)	**L-3**	**CL-1**	(E)	-	**M-3**	
E3C	E3	-	3'-0"	7'-0"	1 3/4"	(E) WD			(E) STL				-	(E)	**L-2**	-	(E)	-	**M-3**	
E4A	**E4**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	
E4B	E4	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	**CL-1**	(E)	-	**M-3**	
E5A	**E5**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	(E)	**M-1,M-2,M-3,M-10**	
E5B	E5	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	**CL-1**	(E)	-	**M-3**	
E5C	**E5**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	(E) STL	-	-	-	-	**H-1**	**L-12**	**CL-2**	(E)	-	**M-3**	
E6A	**E6**	90	**3'-6"**	**7'-0"**	**1 3/4"**	**STL**	**A**	-	**STL**	**4/A8.01 SIM**	**4/A8.01**	**4/A8.01**	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M-8, M-3**	
E6B	E6	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-1**	**CL-1**	(E)	-	**M-3**	
E6C	**E6**	-	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**B**	**1**	**STL**	**16/A8.01 SIM**	**16/A8.01**	**16/A8.01**	-	**H-1**	**L-12**	**CL-2**		**T-2**	**M-1,M-2,M-3,M-10**	**SEE DETAIL 18/A07.01**
E8A	E8	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	**L-3**	**CL-1**	(E)	-	**M-3**	
E8B	**E8**	90	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**E**	**3**	**STL**	**4/A8.01 SIM**	**4/A8.01**	**4/A8.01**	-	**H-2**	**L-3**	**CL-2**	(E)	-	**M-3, M-8**	
E9A	**E9**		**3'-0"**	**7'-0"**	**1 3/4"**	**WD**	**B**	**1**	**STL**	**14/A8.01 SIM**	**14/A8.01**	**14/A8.01**		**H-2**	**L-3**	-	S-1	-	-	
E10A	**E10**	60	**3'-0"**	**7'-0"**	**1 3/4"**	**STL**	**E**	**3**	(E) STL	-	-	-	-	**H-2**	**L-5**	**CL-1**	(E)	-	**M-3, M-8**	

* CONFORMS TO RATING AS DESCRIBED IN C.B.C. APPENDIX CH. 34

NOTES
1. FOR SIGNAGE FOR ACCESSIBLITY SEE A4.01 AND A4.02
2. ALL FRAME TYPES ARE "A" U.O.N.

VBN ARCHITECTS

560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY
C 31580
EXP. 12/31/99

ARCHITECT'S STAMP

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
FILE NO. 01-101836 DATE 11/17/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

DOOR TYPES AND SCHEDULE

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: TE CHECKED BY: SP

A10.01

JOB NO: 99041B OF SHEETS

DOOR SCHEDULE

DOOR NUMBER	LOCATION	DOOR FIRE RATING	DOOR						FRAME					HARDWARE						NOTES
			WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	GLAZING	MATERIAL	TRANSOM HEAD	HINGE JAMB	LOCK JAMB	SILL	HINGE	LOCK	CLOSER	STOP	THRESHOLD	MISC.	
POD F																				
F1A	F1	20	4'-0'	7'-0"	1 3/4"	WD	A		STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-7, L-8	CL-2	S-2	-	M-1, M-3	P. HDWE, MAG.HOLDER
F2A	F2	20*	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	CL-2	(E)	-	M-1, M-3	
F2B	F2	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
F2C	F2	-	3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-12	CL-2	(E)	T-2	M-1,M-2,M-3,M-10	SEE DETAIL 18/A07.01
F3A	F3	-	3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	(E)	M-1,M-2,M-3,M-10	
F3B	F3	-	3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	M-3	
F3C	F3	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	H-1	L-1,L-2	-	(E)	-	M-3	
F4A	F4	-	3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-2, M-3	
F4B	F4	-	3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	M-3	
F5A	F5	-	3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-3	
F5B	F5	-	3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	M-3	
F5C	F5	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	H-1	L-1,L-2	-	(E)	-	M-3	
F6A	F6	-	3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-1, M-2, M-3	
F6B	F6	-	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	H-1	L-3	-	(E)	-	M-3	
F6C	F6	20*	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	CL-2	(E)	-	M-1, M-3	
F8A	F8	-	3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-1	-	(E)	-	M-1,M-3	
F8B	F8	20	3'-0"	7'-0"	1 3/4"	WD	B	2	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-2	(E)	-	M-1, M-3	
F9A	F9	20*	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	CL-1	(E)	-	M-1,M-3	
F10A	F10	20*	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	CL-1	(E)	-	M-1, M-3	
F11A	F11	20*	3'-0"	7'-0"	1 3/4"	WD	A	-	STL	6/A9.02 SIM	6/A9.02	6/A9.02	-	H-2	L-3	CL-1	S-1	-	M-1,M-3	
F12A	F12	20	3'-0"	7'-0"	1 3/4"	WD	A	-	STL	9/A9.02 SIM	9/A9.02	9/A9.02	-	H-2	L-3	CL-1	S-1	-	M-1,M-3	
F13	F13		PAIR 3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	-	L-7,L-6	CL-1,CL-1	S-1	-	M-1,M-2,M-3,M-10	PANIC HARDWARE
F14A	F14	60	3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	(E)	L-5	CL-1	(E)	-	M-3, M-8	
POD G																				
G1A	G1	20	4'-0"	7'-0"	1 3/4"	WD	B	2	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-7, L-8	CL-2	S-2	-	M-1, M-3,	P HDWE, MAG. HOLDER
G2A	G2	-	3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	20/A8.01	16/A8.01	-	H-1	L-7, L-11	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
G2B	G2	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-2	S-1	-	M-3, M-8	
G2C	G2	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-7, L-8	CL-2	S-1	-	M-3, M-8	PANIC HARDWARE
G3A	G3		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7, L-11	CL-2	(E)	(E)	M-1,M-2, M-3,M-10	PANIC HARDWARE
G3B	G3	60	3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-2	L-2	CL-2	S-1	-	M-3, M-8	
G3C	G3	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-1	S-1	-	M-3, M-8	
G3D	G3	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-1	S-1	-	M-3, M-8	
G3E	G3	60	3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-2	L-1,L-2	CL-2	S-1	-	M-3, M-8	
G3F	G3		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	20/A8.01	16/A8.01	-	H-1	L-7,L-11	CL-2	S-1	(E)	M-1,M-2, M-3,M-10	PANIC HARDWARE
G4A	G4		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	20/A8.01	16/A8.01	-	H-1	L-7,L-11	CL-2	S-1	(E)	M-1,M-2, M-3,M-10	PANIC HARDWARE
G4B	G4	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-2	S-1	-	M-3, M-8	
G4C	G4	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-2	S-1	-	M-3, M-8	
G5A	G5	60	3'-0"	7'-0"	1 3/4"	STL	E	3	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-2	S-1	(E)	M-8,M-3	
G5B	G5	60	3'-0"	7'-0"	1 3/4"	STL	E	3	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-2	S-1	-	M-3, M-8	
G7A	G7	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-1	(E)	-	M-3, M-8	
G7B	G7	60	3'-0"	7'-0"	1 3/4"	STL	E	3	(E) STL	-	-	-	-	H-2	L-3	CL-1	(E)	-	M-3, M-8	
G8A	G8	20	3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-1	(E)	-	M-1,M-3	
G9A	G9	20	3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-1	(E)	-	M-1, M-3	
POD H																				
H1A	H1	20*	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	CL-2	(E)	-	M-1, M-3	
H2A	H2		PAIR 3'-0"	7'-0"	1 3/4"	STL	BB	1	(E) STL	-	-	-	-	H-1	L-12	CL-2,CL-2	(E)		M-1,M-2,M-3,M-4,M-5,M-7,M-10	
H2B	H2		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	(E)	M-3	
H2C	H2	90	3'-6"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2	L-3	CL-2	(E)	-	M-3,M-8	
H3A	H3		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	(E)	M-1,M-2,M-3,M-10	
H3B	H3		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
H4A	H4		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	
H4B	H4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
H5A	H5	20	3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-2	S-1	(E)	M-1,M-3	
H5B	H5		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
H5C	H5		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-1,L-2	-	(E)	-	M-3	
H6A	H6	20	3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-2	(E)	(E)	M-1,M-2,M-3	
H6B	H6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
H6C	H6	90	3'-6"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2	L-3	CL-2	(E)	-	M-3,M-8	
H6D	H6		PAIR 3'-2"	7'-0"	1 3/4"	STL	BB	1	(E) STL	-	-	-	-	H-1,H-1	L-7,L-6	CL1-CL1	(E)	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
H8A	H8		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	M-1	L-3	-	S-1	-	M-3	
H8B	H8	90	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2	L-3	CL-2	S-1	-	M-3,M-8	
H9A	H9	60	3'-0"	7'-0"	1 3/4"	STL	A	-	(E)STL	-	-	-	-	M-2	L-5	CL-1	(E)	-	M-3,M-8	
H10A	H10	60	3'-0"	7'-0"	1 3/4"	STL	A	-	(E)STL	-	-	-	-	M-2	L-5	CL-1	(E)	-	M-3,M-8	
POD I																				
I 1A	I 1		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	-	(E)	-	-	
I 2A	I 2		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	CL-2	(E)	-	M-3	
I 2B	I 2		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
I 2C	I 2		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-1,M-2,M-3,M-10	
I 3A	I 3		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-1,M-2,M-3,M-10	
I 3B	I 3		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
I 4A	I 4	90	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	3/A9.02 SIM	9/A9.02	3/A9.02	-	H-1	L-12	CL-2	(E)	-	M-1,M-2,M-3,M-10	
I 4B	I 4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
I 4C	I 4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-1,L-2	-	(E)	-	M-3	
I 5A	I 5		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-1,M-2,M-3,M-10	
I 5B	I 5		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
I 6A	I 6		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-1,M-2,M-3,M-10	
I 6B	I 6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	-	-	M-3	
I 6C	I 6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	CL-2	(E)	-	M-3	
I 8A	I 8		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	M-3	
I 8B	I 8		3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	M-3	
I9A	I 9	60	3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-5	CL-1	S-1	-	M-3,M-8	
I 11A	I 11		3'-0"	7'-0"	1 3/4"	STL	-	-	(E)STL	-	-	-	-	H-1	L-5	-	S-1	T-2	M-1,M-2,M-3	SEE DETAIL 18/A07.01
I 12A	I 12		PAIR 3'-2"	7'-0"	1 3/4"	STL	BB	1	(E) STL	-	-	-	-	H-1,H-1	L-6,L-7	CL-2,CL-2	S-1,S-1	-	M-3,M-6,M-10	PANIC HARDWARE
I 12B	I 12		PAIR 3'-2"	7'-0"	1 3/4"	STL	BB	1	(E) STL	-	-	-	-	H-1,H-1	L-6,L-7	CL-2,CL-2	S-1,S-1	-	M-3,M-6,M-10	PANIC HARDWARE
POD J																				
J2A	J2		PAIR 3'-2"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1,H-1	L-6,L-7	CL-2,CL-2	S-1,S-1	(E)	M-1,M-2,M-3,M-6,M-10	PANIC HARDWARE
J2B	J2	90	PAIR 4'-0"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2,H-2	L-6,L-7	CL-2,CL-2	S-2,S-2	(E)	M-3,M-6,M-8,M-10	P.HWDE,MAG.HOLDER
J3A	J3		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1,H-1	L-6,L-7	CL-2,CL-2	S-1,S-1	(E)	M-1,M-2,M-3,M-6	PANIC HARDWARE
J3B	J3	90	PAIR 4'-0"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2,H-2	L-6,L-7	CL-2,CL-2	S-2,S-2		M-3,M-6,M-8	P.HWDE,MAG.HOLDER
J6A	J6		3'-0"	7'-0"	1 3/4"	(E)WD	-	-	(E) STL	-	-	-	-	(E)	L-4	-	(E)	-	-	
J6B	J6	90	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2	L-4	CL-2	S-1	-	M-8	
J7A	J7		3'-0"	7'-0"	1 3/4"	(E) WD			(E)STL	-	-	-	-	(E)	L-4	-	(E)	-	-	
J7B	J7	90	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2	L-4	CL-2	S-1	-	M-8	
J8A	J8		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-4	-	S-1	-	-	
J8B	J8		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-4	-	(E)	-	-	
J9A	J9		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	(E)	L-4	-	(E)	-	-	
J9B	J9	90	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	4/A8.01 SIM	4/A8.01	4/A8.01	-	H-2	L-4	CL-2	S-1	-	M-8	
J10A	J10		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-4	-	(E)	-	-	
J10B	J10		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-4	-	(E)	-	-	
J11A	J11		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	-	
J11B	J11		3'-0"	7'-0"	1 3/4"	WD	-	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-1	L-3	-	(E)	-	-	
J12A	J12		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	-	
J13A	J13		3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-4	-	(E)	-	-	
POD K																				
K1A	K1		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	(E)	-	M-1,M-2,M-3,M-10	PANIC HARDWARE
K1B	K1		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	(E)	-	M-1,M-2,M-3	PANIC HARDWARE
K3A	K2		3'-0"	7'-0"	1 3/4"	WD	B	1	(E) STL	-	-	-	-	(E)	L-7,L-11	CL-2	(E)	-	M-3	PANIC HARDWARE
K3B	K2		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-1,L-2	CL-2	(E)	-	M-3	
K3C	K2		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-7,L-11	CL-1	S-1	T-1	M-1,M-2,M-3,M-10	PANIC HARDWARE
K4A	K4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
K4B	K4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
K4C	K4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3	
K5A	K5	60	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-1	(E)	-	M-3,M-8	
K5B	K5	60	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01		H-2	L-3	CL-1	(E)	-	M-3,M-8	

DOOR SCHEDULE

DOOR NUMBER	LOCATION	DOOR FIRE RATING	DOOR						FRAME					HARDWARE						NOTES
			WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	GLAZING	MATERIAL	TRANSOM HEAD	HINGE JAMB	LOCK JAMB	SILL	HINGE	LOCK	CLOSER	STOP	THRESHOLD	MISC.	
POD L																				
L1A	L1		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	CL-2	(E)	-	M-3	
L1B	L1		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	-	M-1,M-3	
L2A	L2	60	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-1	(E)	-	M-3,M-8	
L3A	L3	60	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-3	CL-1	(E)	-	M-3,M-8	
L4A	L4		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-4	-	(E)	-	M-3	
L4B	L4		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-4	-	(E)	-	M-3	
L5A	L5		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E)STL	-	-	-	-	(E)	L-3	CL-1	(E)	-	M-3	
L6A	L6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-4	-	(E)	-	M-3	
L7A	L7		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	(E)	M-1,M-2,M-3,M-10	
L7B	L8A		PAIR 3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	(E)	-	M-3,M-9	
L8A	L8		PAIR 3'-0"	7'-0"	1 3/4"	STL	BB	1	(E) STL	-	-	-	-	H-1	L-12/L-12	-	(E)	-	M-1,M-2,M-3,M-4,M-6,M-10	
L9A	L9		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	(E)	M-1,M-3,M-10	
POD M																				
M1A	M1		3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-4	L-10	-	S-1	-	M-3	
M2A	M2		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	
M3A	M3	60	3'-0"	7'-0"	1 3/4"	STL	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-2	L-5	CL-1	(E)	-	M-3,M-8	
M4A	M4		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	
M5A	M5		3'-0"	7'-0"	1 3/4"	WD	A	-	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-4	L-3		S-1	-	M-	
M6A	M6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3		(E)	-	M-3	
M7A	M7		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	
M7B	M7		3'-0"	7'-0"	1 3/4"	STL	B	1	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	
M7C	M7		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-4	L-1,L-2	-	S-1	-	M-3	
M7D	M7		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	16/A8.01	16/A8.01	-	H-4	L-1,L-2	-	S-1	-	M-3	
M8A	M8		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-4	L-4	-	S-1	-		
M8B	M8		3'-0"	7'-0"	1 3/4"	WD	B	1	STL	14/A8.01 SIM	14/A8.01	14/A8.01	-	H-4	L-4	-	S-1	-	-	
POD N																				
N1A	N1	20	PAIR 6'-0"	7'-0"	1 3/4"	STL	B	2	(E) STL	-	-	-	-	H-2,H-2	L-7,L-17	CL-2,CL-2	S-2,S-2	-	M-1,M-3,M-6	P.HDWE,MAG.HOLDER
N1B	N1	20	PAIR 6'-0"	7'-0"	1 3/4"	STL	B	2	(E) STL	-	-	-	-	H-2,H-2	L-7,L-17	CL-2,CL-2	S-2,S-2	-	M-1,M-3,M-6	P.HDWE,MAG.HOLDER
N1C	N1		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-9	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
N1D	N1		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-9	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
N1E	N1		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-9	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
N1F	N1	20*	3'-0"	7'-0"	1 3/4"	STL	B	2	(E) STL	-	-	-	-	H-2	L-7,L-9	CL-2	S-1	(E)	M-1,M-3	PANIC HARDWARE
N2A ^	N2		3'-0" ^	3'-6" ^	1 3/4" ^	STL^	-	-	STL ^	^	^	^	^	^	^	^	^	-	^	^ BY LIFT MFR.
N2B ^	N2		3'-0" ^	7'-0" ^	1 3/4" ^	STL^	-	-	STL ^	^	^	^	^	^	^	^	^	-	^	^ BY LIFT MFR.
N2C	N2	90	3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	S-1	(E)	M-1,M-2,M-3	PANIC HARDWARE
N2D	N2		3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
N2E	N2		-	-	-	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	-	-	-	-	
N3A	N3		PAIR 3'-2"	7'-0"	1 3/4"	STL	BB	1	(E) STL	-	-	-	-	H-1,H-1	L-6,L-7	CL-2,CL-2	S-1,S-1	(E)	M-1,M-2,M-3,M-6,M-10	PANIC HARDWARE
POD O																				
O 1A	O 1	20	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	H-2	L-7,L-11	CL-2	S-1	-	M-1,M-3	PANIC HARDWARE
O 1B	O 1		3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	S-1	(E)	M-2,M-3	PANIC HARDWARE
O 1C	O 1		3'-0"	7'-0"	1 3/4"	STL	A	-	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-7, L-11	CL-1	S-1	T-2	M-2,M-3	P. HDWE. SEE 18/A07.01
O 4A	O 4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	S-1	-	M-3	
O 4B	O 4		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	CL-2	S-1	-	M-3	
O 6A	O 6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-4	-	(E)	-	M-3	
O 6B	O 6		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-1	CL-2	-	-	M-3	
O 7A	O 7	60	3'-0"	7'-0"	1 3/4"	WD	A	-	(E) STL	-	-	-	-	H-2	L-5	CL-1	S-1	-	M-3,M-8	
O 7B	O 7		3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-3,M-10	
O 8A	O 8	20	3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	CL-2	S-1	-	M-1,M-3	
O 9A	O 9	20	PAIR 3'-0"	7'-0"	1 3/4"	(E) WD	A		(E) STL	-	-	-	-	(E)	L-5	CL-1	S-1		M-1,M-4,M-5,M-7	
O 10A	O 10	20*	PAIR 3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	CL-1,CL-1	(E)	-	M-1,M-3,M-4,M-5,M-7	
O 11A	O 11		3'-0"	7'-0"	1 3/4"	STL	C	-	(E) STL	-	-	-	-	H-1	L-12	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	
O 11B	O 11		3'-0"	7'-0"	1 3/4"	WD	C	-	(E) STL	-	-	-	-	H-2	L-3	CL-1	S-1	-	M-3	
O 13A	O 13	20	3'-0"	7'-0"	1 3/4"	WD	B	2	(E) STL	-	-	-	-	H-2	L-7,L-11	CL-2	S-1	-	M-1,M-3	PANIC HARDWARE
O 13B	O 13		3'-0"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	S-1	(E)	M-1,M-2,M-3,M-10	PANIC HARDWARE
O 13C	O 13		PAIR 3'-2"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-6	CL-2,CL-2	S-1,S-1	(E)	M-1,M-2,M-3,M-6,M-10	PANIC HARDWARE
O 13D	O 13		PAIR 3'-2"	7'-0"	1 3/4"	STL	B	1	(E) STL	-	-	-	-	H-1	L-7,L-6	CL-2,CL-2	S-1,S-1	(E)	M-1,M-2,M-3,M-6,M-10	PANIC HARDWARE
O 14A	O 14		PAIR 3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-1	L-3	CL-2,CL-2	-		M-1,M-2,M-3,M-5,M-7M-9,M-10	
O 16A	O 16	60	PAIR 2'-6"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-2,H-2	L-5	CL-1,CL-1	S-1,S-1	-	M-3,M-4,M-5,M-7,M-8	
O 17A	O 17	20*	PAIR 3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	CL1	S-1	-	M-1,M-3,M-4,M-5,M-7	
O 18A	O 18		3'-0"	7'-0"	1 3/4"	STL	C	-	(E) STL	-	-	-	-	H-1	L-12	CL-2	S-1	-	M-1,M-2,M-3,M-10	
O 18B	O 18		3'-0"	7'-0"	1 3/4"	(E) WD	C	-	(E) STL	-	-	-	-	H-2	L-3	CL-2	S-1	-	M-3	
O 19B	O 19		3'-0"	7'-0"	1 3/4"	STL	-	-	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	S-1	-	M-1,M-2 M-3,M-10	PANIC HARDWARE
O 19C	O 19		3'-0"	7'-0"	1 3/4"	STL	-	-	STL	16/A8.01 SIM	16/A8.01	16/A8.01	-	H-1	L-7,L-11	CL-1	S-1	T-2	M-1,M-2 M-3,M-10	P. HDWE. SEE 18/A07.01
O 19D	O 19		3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-1	L-7,L-11	CL-2	S-1	-	M-1,M-2 M-3,M-10	PANIC HARDWARE
O 21A	O 21		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	S-1	-	M-3	
O 21B	O 21		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-3	-	S-1	-	M-3	
O 23A	O 23		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-4	-	(E)	-	M-3	
O 23B	O 23		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-1	CL-1	-	-	M-3	
O 24A	O 24	60	3'-0"	7'-0"	1 3/4"	STL	A	-	(E) STL	-	-	-	-	H-2	L-5	CL-1	S-1	-	M-3,M-8	PANIC HARDWARE
O 24B	O 24		3'-0"	7'-0"	1 3/4"	STL	-	-	(E) STL	-	-	-	-	H-1	L-12	CL-2	(E)	(E)	M-1,M-2,M-3,M-10	
O 25A	O 25		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	-	-	-	-	
O 26A	O 26		3'-0"	7'-0"	1 3/4"	(E) WD	-	-	(E) STL	-	-	-	-	(E)	L-5	-	-	-	-	
O 27A	O 27		3'-0"	7'-0"	1 3/4"	STL	-	-	(E) STL	-	-	-	-	H-2	L-5	CL-1	(E)	(E)	M-3	

* CONFORMS TO RATING AS DESCRIBED IN C.B.C. APPENDIX CH. 34

NOTES
1. FOR SIGNAGE FOR ACCESSIBILITY SEE A4.01 & A4.02
2. ALL FRAME TYPES ARE "A" U.O.N.

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
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FLS
SS
DATE 11/17/03

IDENTIFICATION STAMP
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APPL 01

AC_____ FLS_____ SS_____
DATE_____

AUTHORITY APPROVAL

DOOR TYPES AND SCHEDULE

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: TE CHECKED BY: SP

A10.02

JOB NO: 99041B OF SHEETS

FINISH MAT. ABBREV.

NOTE: NOT ALL MATERIALS MAY BE USED SEE FINISH SCHEDULE & CODE

CODE	INTERIOR MATERIALS
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
AP	ACOUSTICAL PLASTER
CONC	CONCRETE
CCON	COLORED CONCRETE
CPT	CARPET
CFT	CERAMIC FLOOR TILE
CWT	CERAMIC WALL TILE
EA	ENAMELED ASBESTOS
(E)	EXISTING
EF	EPOXY FLOOR
EP	EPOXY PAINT
FRP	FIBER REINFORCED PANEL
GL	GLASS
GYP/P	GYPSUM BOARD OR PLASTER
P	PAINT
PLAM	PLASTIC LAMINATE
PRT	POLISHED RESIN TERRAZO
RB	RUBBER BASE
RT	RUBBER TILE
STN	STAIN
SUB	SUBSTRATE
SV	SHEET VINYL
TER	TERRAZZO
VCT	VINYL COMPOSITION TILE
VCTB	VINYL COVERED TACKBOARD
VWC	VINYL WALL COVERING
WD	WOOD
WSCT	WAINSCOT

CODE	EXTERIOR MATERIALS
AS	ASPHALT SHINGLES
BM	BEAM
CM	CEMENT PLASTER
COL	COLUMN
DS	DOWNSPOUT
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EPS	EXPANDED POLYSTYRENE
FAS	FASCIA
OFS	OVERFLOW SCUPPER
TR	TRIM
WDSD	WOOD SIDING

SHEET NOTES

THESE NOTES ARE FOR THIS SHEET ONLY

1. ALL (E) DOORS, DOOR FRAMES AND WINDOW FRAMES ARE TO BE PAINTED.
2. ALL EXPOSED WOOD BEAMS SHALL BE PAINTED.
3. ALL EXPOSED CONCRETE COLUMNS SHALL BE PAINTED.
4. ALL MATERIAL & FINISHES ARE NEW IF NOT MARKED (E).
5. SEE EXTERIOR ELEVATIONS FOR EXTENT OF WINDOW.
6. GYP. BD. WITH (AP) FINISH SURFACES SURROUNDING (ACP) INSTALLATION SHALL BE PAINTED.
7. APPLY NEW VINYL WALL COVERING OVER (E) VINYL WALL COVERING.
8. VINYL COVERED TACK BOARD (VCTB) ONLY AT DEMISING WALLS.
9. APPLY VINYL WALL COVERING TO BOTH FACES OF NEW MEZZANINE AND STAIR RAILING WALLS AND CHAIR LIFT AND SIDE WALLS, SEE DETAILS 10 &13 / A07.01.
10. APPLY FIBER REINFORCED PANEL (FRP) OVER (E) GYP. BD. BASE WHERE (EA) PANELS ARE REMOVED.
11. REPLACE BROKEN CERAMIC WALL TILE. ASSUME 10% OF CERAMIC WALL TILE IN ANY ROOM.

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR			WALL				WALL WAINSCOAT				CEILING			SOFFIT		DOOR	WDW	CSWK/	REMARKS	ROOM NO.
		SUB. (E)	FIN.	BASE	N MAT./ FIN.	E MAT./ FIN.	S MAT./ FIN.	W MAT./ FIN.	N FIN.	E FIN.	S FIN.	W FIN.	MAT.	FIN.	HT. (E)+/-	MAT.	FIN.	FRM. & TRIM	FRM. #5	MISC.		
POD A																						**POD A**
A1	GENERAL OFFICE/ PUBLIC HALL	(E) CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E) AP	P	9'-10" 8'-6"	–	–	P	P	STN	NOTE #7	A1
A3	STUDENT HALL	(E) CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E) AP	P	8'-6"	–	–	P	P	–	NOTE #7	A3
A4	WORK ROOM	(E) CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	STN		A4
A5	OFFICE	(E) CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	STN		A5
A6	PRINCIPAL	(E) CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	–		A6
A8	VICE PRINCIPAL	(E) CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	–		A8
A9	CONFERENCE	(E) CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	–		A9
A10	NURSE	(E) CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	–	FINISH CLOSET TO MATCH ROOM	A10
A11	CLINIC	(E) CONC	VCT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	–		A11
A12	TOILET	(E) CONC	(E) PRT	(E) PRT	GYP. P	GYP. P	(E)GYP. P	(E)GYP. P	–	–	–	–	(E) GYP	P	9'-10"	–	–	P	P	–		A12
A13	OFFICE	(E) CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	P	–		A13
A14	STORAGE	(E) CONC	VCT	4"RB	(E)GYP P	(E)GYP. P	(E)GYP. P	(E)GYP. P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	P		A14
A15	MEN'S TOILET	(E) CONC	(E) PRT	(E) PRT	GYP P	GYP P	GYP P	(E)GYP P	–	–	–	–	* GYP	P	9'-10"	–	–	P	–	–	* PATCH CEILING W/ GYP. BD.	A15
A16	WOMEN'S TOILET	(E) CONC	(E) PRT	(E) PRT	GYP P	GYP P	GYP P	(E)GYP P	–	–	–	–	* GYP	P	9'-10"	–	–	P	–	–	* PATCH CEILING W/ GYP. BD.	A16
POD B																						**POD B**
B1	CHORAL REHEARSAL	CONC/ WD.	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP P	ACP	11'-9" 9'-10"	(E)GYP	P	P	P	–	NOTE #7	B1
B2	PASSAGE	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP P	(E)ACT	13'-2"	–	–	P	–	–	NOTE #7	B2
B3	COSTUMES	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYB P	(E)GYB P	–	–	–	–	(E)GYP	(E)ACT	13'-2"	–	–	P	–	–		B3
B4	UNIFORM STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYB P	(E)GYB P	–	–	–	–	(E)GYP	P/	13'-2"	–	–	P	–	P		B4
B5	INSTRUMENTS	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYB P	(E)GYB P	–	–	–	–	(E)GYP	(E)ACT	13'-2"	–	–	P	P	–		B5
B6	INSTRUMENTS REHEARSAL	CONC WD	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP P	ACP	11'-9" 9'-10"	(E)GYP	P	P	P	–	NOTE #6	B6
B7	CLASSROOM 40	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP P	ACP	11'-9"	(E)GYP	P	P	P	–	NOTE #6	B7
B8	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYB P	(E)GYB P	–	–	–	–	(E)GYP	P	13'-2"	–	–	–	P	–		B8
B9	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYB P	(E)GYB P	–	–	–	–	(E)GYP	P	13'-2"	–	–	–	P	–		B9
B10	OFFICE	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYB P	(E)GYB P	–	–	–	–	(E)GYP	(E)ACT	11'-3"	–	–	–	P	P		B10
B11	ELECTRICAL	CONC	SEAL	–	(E)GYP	(E)GYP	(E)GYB	(E)GYB	–	–	–	–	(E)GYP	–	–	–	–	–	P	–		B11

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR			WALL				WALL WAINSCOAT				CEILING			SOFFIT		DOOR	WDW	CSWK/	REMARKS	ROOM NO.
		SUB. (E)	FIN.	BASE	N MAT./ FIN.	E MAT./ FIN.	S MAT./ FIN.	W MAT./ FIN.	N FIN.	E FIN.	S FIN.	W FIN.	MAT.	FIN.	HT. (E)+/-	MAT.	FIN.	FRM. & TRIM	FRM. #5	MISC.		
POD C																						**POD C**
C1	TEACHER'S CONFERENCE	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	ACP	–	8'-7"	–	–	P	P	–	NOTES #6 & #7	C1
C2	OFFICE	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	ACP	–	9'-10"	–	–	P	P	–		C2
C3	VESTIBULE	CONC	CPT	4"RB	GYP P	GYP P	GYP P	GYP P	–	–	–	–	(E) AP	P	9'-10"	–	–	P	–	–		C3
C4	WOMEN'S TOILET	CONC	(E) PRT	(E) PRT	(E)FRP P	(E)FRP P	(E)FRP P	(E)FRP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P-3	–	–		C4
C5	MEN'S TOILET	CONC	(E) PRT	(E) PRT	(E)FRP P	(E)FRP P	(E)FRP P	(E)FRP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	–		C5
C6	BOY'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	FRP 7'-0"	FRP 7'-0"	FRP 7'-0"	FRP 7'-0"	(E)GYP	P	9'-10"	–	–	P	P	–		C6
C7	GIRL'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	FRP 7'-0"	FRP 7'-0"	FRP 7'-0"	FRP 7'-0"	(E0GYP	P	9'-10"	–	–	P	P	–		C7
C8	TEACHER'S LUNCH ROOM	CONC	VCT/ CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	ACT	–	8'-7"	–	–	P	P	–	NOTES #6 & #7	C8
C9	PLANETARIUM	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	GYP	P	20'-0"	–	–	P	–	–		C9
POD D																						**POD D**
D1	VESTIBULE	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	–	NOTE #7	D1
D2	CLASSROOM 1	CONC	CPT	4"RB	(E)VWC P	* VCTB	(E)VWC P	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	D2
D3	CLASSROOM 2	CONC	CPT	4"RB	(E)VWC	* VCTB	(E)VWC	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	D3
D4	CLASSROOM 3	CONC	CPT	4"RB	* VCTB	(E)VWC	* VCTB	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	D4
D5	CLASSROOM 4	CONC	CPT	4"RB	(E)VWC	* VCTB	(E)VWC	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	D5
D6	CLASSROOM 5	CONC	CPT	4"RB	(E)VWC	* VCTB	(E)VWC	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	D6
D7	HALL	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)AP	P	8'-7"	–	–	P	–	–		D7
D8	TEACHER'S PREP.	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)ACT	–	9'-10"	–	–	P	–	–		D8
D9	ELECTRICAL	CONC	SEAL	4"RB	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		D9
POD E																						**POD E**
E1	STORAGE	CONC	VCT	4"RB	(E)VWC P	(E)GYP P	(E)GYP P	(E)VWC P	–	–	–	–	(E)GYP	P	–	–	–	P	–	P		E1
E2	CLASSROOM 6	CONC	CPT	4"RB	(E)VWC	* VCTB	(E)VWC	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	–	P	NOTES #6 & #7	E2
E3	CLASSROOM 7	CONC	CPT	4"RB	* VCTB	(E)VWC	* VCTB	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	E3
E4	CLASSROOM 8	CONC	CPT	4"RB	(E)VWC	* VCTB	(E)VWC	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	E4
E5	CLASSROOM 9	CONC	CPT	4"RB	(E)VWC	* VCTB	(E)VWC	* VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	E5
E6	CLASSROOM 10	CONC	CPT	4"RB	* VCTB	(E)VWC P	* VCTB	(E)VWC P	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	E6
E7	HALL	CONC	CPT	4"RB	(E)VWC	(E)VWC	(E)VWC	(E)VWC	–	–	–	–	(E)AP	P	8'-7"	–	–	P	–	–	NOTE #7	E7
E8	TEACHER'S PREP.	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)ACT		9'-10"	–	–	P	–	P		E8
E9	ALCOVE	CONC	VCT	4"RB	GYP P	GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	8'-7"	–	–	P	–	–		E9
E10	JANITOR	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	–	–	–	P	P-4	–		E10

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

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AC ___ F/LS ___ SS ___
APPL NO. 01-101836 DATE 11/17/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC___ FLS___ SS___
DATE___

AUTHORITY APPROVAL

INTERIOR FINISH SCHEDULE

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: RSR CHECKED BY: LK

A10.03

JOB NO: 99041B OF SHEETS

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR			WALL				WALL WAINSCOAT				CEILING			SOFFIT		DOOR	WDW	CSWK/	REMARKS	ROOM NO.
		SUB. (E)	FIN.	BASE	N MAT./ FIN.	E MAT./ FIN.	S MAT./ FIN.	W MAT./ FIN.	N FIN.	E FIN.	S FIN.	W FIN.	MAT.	FIN.	HT. (E)+/-	MAT.	FIN.	FRM. & TRIM	FRM. #5	MISC.		
POD F																						**POD F**
F1	HALLWAY	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)GYP	P	P	–	–	NOTE #6	F1
F2	CLASSROOM 11	CONC	CPT	4"RB	VCTB	(E)VWC P	VCTB	(E)VWC P	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	–	P	NOTES #6 & #7	F2
F3	CLASSROOM 12	CONC	CPT	4"RB	(E)VWC	VCTB	VCTB	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	F3
F4	CLASSROOM 13	CONC	CPT	4"RB	(E)VWC	VCTB	(E)VWC	VCTB	–	–	–	–	(E)GYP	ACP P	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	F4
F5	CLASSROOM 14	CONC	CPT	4"RB	VCTB	(E)VWC	VCTB	(E)VWC	–	–	–	–	(E)GYP	ACP P	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6 & #7	F5
F6	CLASSROOM 15	CONC	CPT	4"RB	(E)VWC	(E)VWC	(E)VWC	VCTB	–	–	–	–	(E)GYP	ACP P	9'-10" 8'-7"	(E)AP	P	P	–	P	NOTES #6 & #7	F6
F7	HALL	CONC	CPT	4"RB	(EVWC	VWC P	(E)GYP	VWC P	–	–	–	–	(E)AP	ACP P	8'-7"	–	–	P	–	–		F7
F8	TEACHER'S PREP	CONC	CPT	4"RB	(E)VWC	(E)VWC	(E)VWC	(E)VWC	–	–	–	–	(E)ACT		9'-10"	–	–	P	–	P		F8
F9	ELECTRICAL	CONC	SEAL	–	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		F9
F10	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	P		F10
F11	MEN'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	7'-0" FRP	7'-0" FRP	7'-0" FRP	7'-0" FRP	(E)GYP	P	9'-10"	–	–	P	–	–		F11
F12	BOY'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	7'-0" (E)CWT	7'-0" (E)CWT	7'-0" (E)CWT	7'-0" (E)CWT	(E)GYP	P	9'-10"	–	–	P	–	–		F12
F13	CORRIDOR	CONC	CPT	4"RB	(E)P.LAM P	(E)P.LAM P	(E)P.LAM P	(E)P.LAM P	–	–	–	–	(E)ACT	P	8'-7"	–	–	P	P	–		F13
F14	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)ACT	P	9'-10"	–	–	P	–	–		F14
POD G																						**POD G**
G1	HALLWAY	CONC	CPT	4"RB	(E)PLAM	(E)PLAM	(E)PLAM	(E)PLAM	–	–	–	–	(E)GYP	ACP	9'-10"	(E)GYP	P	P	P	–	NOTE #6	G1
G2	CLASSROOM/ LAB. 16	CONC	VCT	4"RB	(E)VWC	(E)VCTB	(E)VCTB	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)GYP	P	P	P	STN	NOTES #6, #7, #8	G2
G3	CLASSROOM/ LAB. 17	CONC	VCT	4"RB	(E)VWC P	(E)VWC	(E)VWC	VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)GYP	P	P	P	STN	NOTES #6, #7, #8	G3
G4	CLASSROOM/ LAB. 19	CONC	VCT	4"RB	VCTB	(E)VWC	(E)VWC	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)GYP	P	P	P	STN	NOTES #6, #7, #8	G4
G5	STORAGE	CONC	VCT	4"RB	GYP P	(E)GYP P	GYP P	(E)GYP P	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)GYP	P	P	–	STN		G5
G7	PREPARATION	CONC	VCT	4"RB	(E)VWC	(E)VWC	(E)VWC	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)GYP	P	P	–	STN	NOTES #6, #7	G7
G9	GIRL'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP/GYP P	7'-0" (E)CWT	7'-0" (E)CWT	7'-0" (E)CWT	7'-0" (E)CWT	(E)GYP	P	9'-10"	–	–	P	–			G9
G10	WOMEN'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	7'-0" FRP	7'-0" FRP	7'-0" FRP	7'-0" FRP	(E)GYP	P	9'-10"	–	–	P	–	–		G10
POD H																						**POD H**
H1	JANITOR	CONC	SEAL		(E)GYP P	(E)GYP P	(E)GYP	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		H1
H2	CLASSROOM 20	CONC	CPT	4"RB	VCTB	(E)VWC P	VWC P	VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	–	P	NOTES #6,#7,#8	H2
H3	CLASSROOM 21	CONC	CPT	4"RB	VCTB	(E)VWC P	* VCTB	(E)VWC P	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P		P	NOTES #6,#7,#8	H3
H4	CLASSROOM 22	CONC	CPT	4"RB	VCTB	(E)VWC	(E)VWC	VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6,#7,#8	H4
H5	CLASSROOM 23	CONC	CPT	4"RB	(E)VWC P	(E)VWC	(E)VWC	VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6,#7,#8	H5
H6	CLASSROOM 24	CONC	CPT	4"RB	VCTB	VWC P	VCTB	(E)VWC P	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	–	–	P	NOTES #6,#7,#8	H6
H7	HALL	CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWD P	(E)VWC P	–	–	–	–	(E)GYP	AP	8'-7"	–	–	P	–	P	NOTES #6,#7	H7
H8	TEACHER'S PREP	CONC	CPT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P	–	–	–	–	(E)ACT	–	9'-10"	–	–	P	–	–	NOTES #6,#7	H8
H9	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	–	–	P		H9
H10	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	–	–	–		H10
H11	VESTIBULE	CONC	CPT	4"RB	GYP P	GYP P	GYP P	GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	–	–	–		H11
POD I																						**POD I**
I1	ELECTRICAL	CONC	–	–	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)GYP	–	9'-10"	–	–	P	–	–		I1
I2	CLASSROOM 25	CONC	CPT	4"RB	VCTB	(E)VWC	VCTB	(E)VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	–	P	NOTES #6, #7, #8	I2
I3	CLASSROOM 26	CONC	CPT	4"RB	VCTB	VWC	VWC	VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	AP	P	P	P	P	NOTES #6, #7, #8	I3
I4	CLASSROOM 27	CONC	CPT	4"RB	VWC	VCTB	VWC	VCTB	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6, #7, #8	I4
I5	CLASSROOM 28	CONC	CPT	4"RB	VCTB	VWC	VCTB	VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6, #7, #8	I5
I6	CLASSROOM 29	CONC	CPT	4"RB	VWC	VCTB	VCTB	VWC	–	–	–	–	(E)GYP	ACP P	9'-10" 8'-7"	(E)AP	P	P	P	P	NOTES #6, #7, #8	I6
I7	HALL	CONC	CPT	4"RB	VWC	VWC P	VWC	VWC P	–	–	–	–	(E)ACT	P	8'-7"	–	–	P	–	–	NOTES #7	I7
I8	TEACHER'S PREP	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)ACT	–	9'-10"	–	–	P	–	P		I8
I9	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	P		I9
POD J																						**POD J**
J1	LEARNING CENTER	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	17'-7" 16'-4"	(E)AP	P	P	#9	STN	NOTES #6, #7	J1
J2	COMPUTER LAB	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	–	P	NOTES #6, #7	J2
J3	STUDY AREA	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	9'-10" 8'-7"	(E)AP	P	P	–	–	NOTES #6, #7	J3
J6	COUNSELOR	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	–	(E) ACT	8'-1"	–		P	–	–	NOTE #7	J6
J7	COUNSELOR	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	–	(E) ACT	8'-1"		–	P	–	–	NOTE #7	J7
J8	GUIDANCE COUNSEL. OFFICE	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	–	(E) ACT	8'-1"	–	–	P	–	–	NOTE #7	J8
J9	WORK ROOM	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	–	(E) ACT	8'-1"	–	–	P	–	–		J9
J10	RESOURCE COORD. OFFICE	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	–	(E) ACT	8'-1"	–	–	P	–	–	NOTE #7	J10
J11	TV STUDIO	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	–	(E) ACT	8'-1"	–	–	P	–	–	NOTE #7	J11
J12	CONTROL ROOM	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	–	(E) ACT	8'-1"	–	–	P	–	–		J12
J13	AV ROOM	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	–	(E) ACT	8'-1"	–	–	P	–	–		J13
J14	MEZZANINE COMPUTER LAB	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	8'-5" 7'-2"	(E)AP P	P	–	#9	P	NOTES #6, #7	J14

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR			WALL				WALL WAINSCOAT				CEILING			SOFFIT		DOOR	WDW	CSWK/	REMARKS	ROOM NO.
		SUB. (E)	FIN.	BASE	N MAT./ FIN.	E MAT./ FIN.	S MAT./ FIN.	W MAT./ FIN.	N FIN.	E FIN.	S FIN.	W FIN.	MAT.	FIN.	HT. (E)+/-	MAT.	FIN.	FRM. & TRIM	FRM. #5	MISC.		
POD K																						**POD K**
K1	2D ARTS	CONC	VCT	6"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	8'-7"	(E)AP	P	P	P	P	NOTES #6, #7	K1
K3	3D ARTS	CONC	VCT	6"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	8'-7"	(E)AP	P	P	P	P	NOTES #6, #7	K3
K4	OFFICE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	AP P	8'-0"	–	–	P	–	P		K4
K5	STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	–	9'-10"	–	–	P	–	P		K5
POD L																						**POD L**
L1	GRAPHICS LAB	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	AP	P	9'-10"	–	–	P	P	P		L1
L2	PROJ. STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	P		L2
L3	PROJ. STORAGE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	P		L3
L4	OFFICE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	P		L4
L5	FINISH ROOM	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	P		L5
L6	OFFICE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	P		L6
L7	GEN. SHOP	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	P		L7
L8	COMPUTER LAB.	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	P	P		L8
L9	GRAPHICS	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	– –	– –	– –	– –	(E)GYP	P	9'-10"	–	–	–	–	P		L9
POD M																						**POD M**
M1	DRESSING	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)AP	P	8'-0"	–	–	P	P	–	NOTE #7	M1
M2	CLOTHING	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	8'-7"	(E)AP	P	P	P	P	NOTE #6, #7	M2
M3	STORAGE	CONC	CPT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	8'-0"	–	–	P	P	P		M3
M4	FOOD LAB	CONC	VCT	–	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)GYP	ACP	8'-7"	(E)AP –	P	P	P	P	NOTE #6	M4
M5	PANTRY	CONC	VCT	4"RB	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)GYP	P	8'-0"	–	–	P	P	P		M5
M6	LAUNDRY	CONC	VCT	–	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)GYP	P	8'-0"	–	–	P	P	P		M6
M7	LIVING	CONC	CPT	4"RB	VWC	VWC	VWC	VWC	–	–	–	–	(E)GYP	ACP	8'-7'	(E)AP –	P	P	P	–	NOTE #6, #7	M7
M8	OFFICE	CONC	CPT	4"RB	(E)GYP	(E)GYP	(E)GYP	(E)GYP	–	–	–	–	(E)AP	P	8'-0"	–	–	P	P	P		M8
POD N																						**POD N**
N1	MULTI- PURPOSE RM.	CONC	(E)WD	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)ACT	–	22'-1" 20'-0"	–	–	P	P	–	PROTECT (E) FLOOR WITH 6 MIL. & 3/8" PLYWD.	N1
N2	STAGE	CONC	(E)WD	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	13'-1 18'-1"	–	–	–	–	–	REFINISH FLOORING	N2
N3	CORRIDOR	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	15'-0'	–	–	P	P	–		N3
POD O																						**POD O**
01	GIRL'S LOCKER RM.	CONC	SEAL	(E) CONC	(E)GYP * FRP	(E)GYP * FRP	(E)GYP * FRP	(E)GYP * FRP					(E)GYP		8'-9"	–	–	P	–	–	* NOTE #10	01
02	GIRL'S SHOWER	CONC	(E) CFT	(E) CWT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	GYP*	8'-0"	–	–	P	–	–		02
03	INDIVIDUAL SHOWER	CONC	(E) CFT	(E) CWT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	P	8'-0"	–	–	P	–	–		03
04	TOWELS	CONC	SEAL	(E) CONC	(E)GYP * FRP	(E)GYP * FRP	(E)GYP * FRP	(E)GYP * FRP	–	–	–	–	(E)GYP	P	8'-9"	–	–	P	–	–	* NOTE #10	04
05	WOMEN'S	CONC	(E) PRT	(E) PRT	VWC	VWC	VWC	VWC	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	P	8'-3"	–	–	P	–	–	NOTE #7	05
06	OFFICE	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-4"	–	–	P	–	P		06
07	STORAGE	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	8'-9"	–	–	P	–	P		07
08	JANITOR	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		08
09	MECH.	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		09
010	PE EQUIPMENT	CONC	VCT	4"RB	(E)VWC P	(E)VWC P	(E)VWC P	(E)VWC P					(E)GYP	(E)AP	8'-9"	–	–	P	–	–	NOTE #6	010
011	GIRL'S TOILET	CONC	(E) PRT	(E) PRT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	P	8'-9"	–	–	P	–	–		011
012	DINING AREA	CONC	VCT	4"RB	(E)PLAM	(E)PLAM	(E)PLAM	(E)PLAM	–	–	–	–	(E)GYP	(E)AP	9'-10"	–	–	P	–	–	NOTE #6	012
013	DINING AREA	CONC	VCT	4"RB	(E)PLAM	(E)PLAM	(E)PLAM	(E)PLAM	–	–	–	–	(E)GYP	(E)AP	8'-9"	–	–	P	–	–	NOTE #6	013
014	KITCHEN	CONC	VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	8'-9"	–	–	P	–	–		014
015	DINING AREA	CONC	VCT	4"RB	(E)PLAM	(E)PLAM	(E)PLAM	(E)PLAM	–	–	–	–	(E)GYP	(E)AP	9'-10"	–	–	P	–	–	NOTE #6	015
016	STORAGE	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		016
017	PE EQUIPMENT	CONC	VCT	4"RB	(E)VWCP	(E)VWCP	(E)VWCP	(E)VWCP	–	–	–	–	(E)GYP	(E)AP	8'-9"	–	–	P	–	–	NOTE #6	017
018	BOY'S TOILET	CONC	(E) PRT	(E) PRT	(E)VWCP	(E)VWCP	(E)VWCP	(E)VWCP	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	P	8'-9"	–	–	P	–	–		018
019	BOY'S LOCKER RM.	CONC	SEAL	(E) CONC	(E)GYP * CAP	(E)GYP * CAP	(E)GYP * CAP	(E)GYP * CAP	–	–	–	–	(E)GYP	P	8'-9"	–	–	P	–	–	* NOTE #10	019
020	BOY'S SHOWER	CONC	(E) CFT	(E) CFT	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	GYP *	8'-0"	–	–	P	–	–		020
021	TOWELS	CONC	SEAL	(E) CONC	(E)GYP * FRP	(E)GYP * FRP	(E)GYP * FRP	(E)GYP * FRP	–	–	–	–	(E)GYP	P	8'-9"	–	–	P	–	–	* NOTE #10	021
022	MEN'S	CONC	(E) PRT	(E) PRT	VWC	VWC	VWC	VWC	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)CWT 7'-0"	(E)GYP	P	8'-3"	–	–	P	–	–	NOTE #7	022
023	OFFICE	CONC	(E) VCT	4"RB	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-4"	–	–	P	–	P		023
024	STORAGE	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	8'-9"	–	–	P	–	P		024
025	ELECTRICAL	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		025
026	JANITOR	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		026
027	STORAGE	CONC	SEAL	(E) CONC	(E)GYP P	(E)GYP P	(E)GYP P	(E)GYP P	–	–	–	–	(E)GYP	P	9'-10"	–	–	P	–	–		027

NOTE:
SEE SHEET A10.03 FOR FINISH MATERIAL ABBREVIATIONS AND SHEET NOTES.

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DATE ____________

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INTERIOR FINISH SCHEDULE

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: RSR CHECKED BY: LK

A10.04

JOB NO: 99041B OF SHEETS

GENERAL NOTES

I. GENERAL:

A. EXISTING BUILDING ELEMENTS SHOWN ON THESE DRAWINGS WERE OBTAINED FROM EXISTING DRAWINGS AND CAN BE USED FOR BIDDING PURPOSES. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE BEFORE COMMENCING WORK. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORT TO THE ARCHITECT.

B. OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH THE WORK.

C. DO NOT USE SCALED DIMENSIONS; USE WRITTEN DIMENSIONS. WHERE NO DIMENSION IS PROVIDED, CONSULT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

D. ALL DIMENSIONS OF EXISTING FRAMING ARE APPROXIMATE, AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WITH THE WORK.

E. DRAWINGS AND SPECIFICATIONS REPRESENT FINISHED STRUCTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, SHORING AND TEMPORARY BRACING. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO INSURE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE AND ADJACENT TO THE SITE. OBSERVATION VISITS TO THE SITE BY THE ENGINEER OR CONSTRUCTION MANAGER SHALL NOT RELIEVE THE CONTRACTOR OF SUCH RESPONSIBILITY.

F. ALL WORK AND MATERIALS ARE NEW (N) UNLESS NOTED AS EXISTING (E).

G. IF CERTAIN FEATURES ARE NOT FULLY SHOWN OR CALLED FOR ON THE DRAWINGS OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE CALLED FOR OR SHOWN.

H. REQUIRED WORK SHALL INCLUDE, BUT IS NOT NECESSARILY LIMITED TO, WORK CALLED FOR BY NOTES ON BUILDING FLOOR PLANS. WHILE THE DRAWINGS INDICATE ITEMS TO BE REMOVED, REPLACED OR REWORKED, THEY MAY NOT NECESSARILY INDICATE ALL ASPECTS OF WORK REQUIRED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL ALL WORK NECESSARY TO COMPLETE AND FINISH ALL AREAS IN AND AROUND SUCH ITEMS.

I . MINOR ITEMS USED IN THE CONSTRUCTION OF THIS PROJECT MAY BE INDICATED ON THE DRAWINGS BUT NOT NECESSARILY IN THE SPECIFICATIONS. SUCH MINOR ITEMS ARE GENERALLY REFERENCED BY MANUFACTURER, INCLUDING A MODEL NUMBER WHERE APPLICABLE. HOWEVER, ALL SUCH MINOR ITEMS SHALL BE GOVERNED BY ALL ASPECTS OF THE SPECIFICATIONS AS IF WRITTEN THEREIN.

J.. THE GENERAL CONTRACTOR MUST CAREFULLY SCRUTINIZE ALL DRAWINGS TO ASCERTAIN ALL REQUIRED WORK ARISING OUT OF WORK DONE BY MECHANICAL, PLUMBING, ELECTRICAL OR OTHER SUB-CONTRACTORS. FLOOR, WALL OR ROOF OPENINGS AS REQUIRED FOR SUCH TRADES SHALL BE VERIFIED FROM SHOP DRAWINGS, EQUIPMENT DATA, ETC.

K. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE THE IMPACT OF CONSTRUCTION ACTIVITY ON THE CONTINUING OPERATION OF THE CAMPUS AND BUILDINGS, AS NECESSARY.

L. THE CONTRACTOR SHALL PROVIDE APPROPRIATE BARRIERS BETWEEN THE CONSTRUCTION AREA AND THE REMAINDER OF THE SITE OR BUILDING, AND SHALL COMPLY WITH CALIFORNIA BUILDING CODE (CBC) SECTION 3303 - PROTECTION OF PEDESTRIANS DURING CONSTRUCTION OR DEMOLITION. IN ADDITION, THE CONTRACTOR SHALL PROVIDE ANY OTHER CONSTRUCTION FENCING, BARRICADES, WARNING SIGNS AND LIGHTS, AND SHALL EXERCISE ALL SAFETY MEASURES NECESSARY TO PROTECT AND RENDER THE PREMISES SAFE TO ALL PERSONS..

M. WHERE DEMOLITION OR OTHER DUST PRODUCING WORK IS PERFORMED ON BUILDING INTERIORS, PLASTIC DUST BARRIERS MUST BE ERECTED TO PREVENT DUST FROM SPREADING TO ADJACENT AREAS.

N. THE SCOPE OF WORK INCLUDES CLEANUP NECESSARY TO LEAVE THE BUILDING AND CONSTRUCTION AREA IN A NEAT AND USABLE CONDITION.

O. WHERE EXISTING FINISHES OR FEATURES MUST BE DISTURBED TO EXECUTE THE WORK SHOWN ON THE DRAWINGS OR CALLED FOR IN SPECIFICATIONS, INCLUDING BUT NOT NECESSARILY LIMITED TO THE REMOVAL OF CONCRETE FLOOR SLABS, WALL, CEILING, OR FLOOR FINISHES, OR ROOFING, SUCH ITEMS MUST BE REPLACED TO MATCH EXISTING CONDITIONS, SURFACES AND FINISHES AS CLOSE AS POSSIBLE. FINISHES SUCH AS CARPET, MAY BE REMOVED,SAFELY STORED, AND REPLACED AFTER WORK IS COMPLETE.

P. CONTRACTOR SHALL REMOVE (E) LOCKERS AND CABINETS WHERE (N) WORK REQUIRES THEIR REMOVAL AND SAFELY STORE THEM ON SITE, AND REINSTALL AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.

Q. WHERE NECESSARY TO PREVENT CRACKING OF EXISTING PLASTER SURFACES, FASTENING MUST BE BY MEANS OF SCREWS.

R. WHERE WORK REQUIRES THE PENETRATION OF EXTERIOR WALLS OR ROOFS, SUCH WORK SHALL BE FLASHED, SEALED OR OTHERWISE MADE TIGHT AGAINST THE ENTRANCE OF AIR OR WATER.

S. WHERE INTERIOR OR EXTERIOR TRENCHING REQUIRES REMOVAL OF CONCRETE OR A.C. PAVING, SUCH PAVING MUST BE REMOVED BY SAW CUTTING AND REPLACED AFTER WORK IS COMPLETED TO MATCH EXISTING.

T. CONTRACTOR SHALL EXERCISE CARE WHEN WELDING NEAR COMBUSTIBLE MATERIALS (INCLUDING WOOD), AND HAVE A HAVE A MINIMUM OF 2 FIRE EXTINGUISHERS PRESENT WITHIN 20 FEET OF AREA.

II. DEMOLITION AND CONSTRUCTION SHORING:

A. THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING ELEMENTS SHALL BE PERFORMED WITH CARE IN ORDER NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. DO NOT OVER CUT EXISTING ELEMENTS. IF STRUCTURAL MEMBERS NOT INDICATED FOR REMOVAL INTERFERE WITH NEW WORK, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND OBTAIN PRIOR APPROVAL BEFORE DRILLING, CUTTING OR REMOVING SUCH MEMBERS, UNLESS SUCH WORK IS DETAILED ON THE DRAWINGS (APPROVAL BY DSA IS REQUIRED).

B. CONTRACTOR SHALL EXERCISE CAUTION WHEN REMOVING OR OTHERWISE DISTURBING EXISTING STRUCTURAL OR LOAD BEARING ELEMENTS TO ALLOW THE INSTALLATION OF NEW WORK. ALL FEATURES AFFECTED BY THE REMOVAL OF SUCH ELEMENTS MUST BE PROPERLY SHORED AND BRACED. EXISTING CONSTRUCTION SHALL BE CONNECTED TO NEW CONSTRUCTION AS SHOWN OR SPECIFIED IN THE DRAWINGS. SHORING SHALL REMAIN IN PLACE UNTIL ALL NEW CONSTRUCTION HAS BEEN COMPLETED.

C. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BEFORE BEGINNING WORK. SPECIAL CARE SHALL BE TAKEN TO PROTECT UTILITIES THAT ARE TO REMAIN IN SERVICE DURING CONSTRUCTION.

D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY THE CONTRACTOR OR THE CONTRACTORS AGENTS TO THE DISTRICT'S PROPERTY, AND SHALL REPAIR SAME AT HIS OWN EXPENSE. NOTE THAT HEAVY EQUIPMENT DRIVEN OVER ASPHALTIC CONCRETE PAVEMENT IN PEDESTRIAN AREAS MAY CAUSE DAMAGE TO SUCH PAVEMENT.

III. DESIGN BASIS:

A. APPLICABLE CODE: CALIFORNIA CODE OF REGULATIONS, 1998 EDITION (CCR), TITLE 24, PART 2, ALSO REFERRED TO AS CALIFORNIA BUILDING CODE (CBC) WITH DIVISION OF THE STATE ARCHITECT/STRUCTURAL SAFETY SECTION. ~~(FOR FORCE LEVELS ONLY)~~

B. ~~THE SEISMICALLY UPGRADED ELEMENTS INCLUDED HERIN HAVE BEEN DESIGNED FOR THE FORCE LEVELS FROM THE REQUIREMENTS OF THE 1998 CALIFORNIA BUILDING CODE.~~

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D. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS THAT THE WORK OF ALTERATION , REHABILITATION OR RECONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK, SHALL BE SUBMITTED TO AND APPROVED BY THE OFFICE OF REGULATION SERVICES BEFORE PROCEEDING WITH THE WORK.

E. VERTICAL LIVE LOADS:

1. ROOF: 20 PSF + MECHANICAL EQUIPMENT

F. SOILS REPORT BY KLEINFELDER, FILE NO. 12-3021-80, DATED MARCH 11, 1997.

G. LATERAL LOADS:

1. SEISMIC: (ADJUSTED TO ALLOWABLE STRESS DESIGN LEVEL)
Z = 0.4 ; I = 1.15 ; Ca = 0.36; R = 5.5 ; V = 0.134 x W

IV. MATERIALS:

A. STEEL:

1. SHAPES AND PLATES: ASTM A36; PIPES: ASTM A53, GRADE B.
2. BOLTS: ASTM A307.
3. WELDING ELECTRODES: E-70XX.
4. WELDED STUDS: THREADED ANCHORS TYPE CPL BY NELSON OR APPROVED EQUIVALENT.
5. ALL STRUCTURAL WELDS SHALL BE DONE BY AN APPROVED AWS WELDER AND CERTIFIED BY A DSA APPROVED TESTING AGENGY.
6. WELDABILITY OF EXISTING MEMBERS SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF WORK.

B. WOOD:

1. FRAMING LUMBER - DOUGLAS FIR;
   - A. JOISTS AND RAFTERS: NO.1
   - B. POSTS, BEAMS, AND HEADERS: NO.1
   - C. STUDS, PLATES AND BLOCKS: NO.1
   - D. ALL LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE TREATED AND STAMPED BY INSPECTION AGENCY (i.e. AMERICAN WOOD PRESERVATIVE ASSOCIATION). FIELD TREAT ALL SILLS WHERE CUT, DRILLED, OR NOTCHED, WITH PRESERVATIVE.
2. PLYWOOD SHEATHING:
   - A. WALL SHEATHING: 15/32 INCH STRUCT I, EXPOSURE 1 APA RATED SHEATHING
3. FRAMING HARDWARE: AS MANUFACTURED BY SIMPSON STRONG-TIE CO. OR APPROVED EQUIVALENT. SIMPSON DESIGNATIONS ARE USED ON THE DRAWINGS.
4. NAILS: COMMON WIRE GAGE. PREBORE HOLES WITH DIAMETER NOT EXCEEDING 3/4 OF THE NAIL DIAMETER IN EXISTING LUMBER OR WHERE NAILING TENDS TO SPLIT WOOD. REPLACE SPLIT MEMBERS. NAILING TO CONFORM TO CBC TABLE 23A-II-B-1 UNLESS NOTED OTHERWISE.
5. MACHINE APPLIED NAILS: USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOB SITE DEMONSTRATION FOR EACH PROJECT AND APPROVAL BY THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER, OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" PLYWOOD.
6. BOLTS: ASTM A307, UNLESS OTHERWISE NOTED.

C. CONCRETE:

1. NON-SHRINK GROUT: PREMIXED HIGH STRENGTH GROUT REQUIRING ONLY ADDITION OF WATER AT THE SITE. SAME AS MASTER BUILDERS "MASTERFLOW 928 GROUT", BURKE'S "NON-FERROUS",NON-SHRINK GROUT", OR EQUAL PRODUCT SUBSTITUTED PER SECTION 01600.
2. CONCRETE COMPRESSIVE STRENGTH:

TYPE	USE	STRENGTH F'c	AGGREG.	SLUMP
A	FOUNDATION	3000 PSI	¾"	3½"

ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED.

3. REINFORCING STEEL:
   - A. BARS: ASTM A615, GRADE 60.
   - B. ALL CONCRETE SHALL BE REINFORCED, UNLESS SPECIFICALLY CALLED OUT "NOT REINFORCED".
4. MINIMUM CONCRETE COVER FOR REINFORCING STEEL:

A.	CONCRETE PLACED AGAINST EARTH	3"
B.	FORMED SURFACES BELOW GRADE	2"
C.	SURFACES EXPOSED TO WEATHER	2"
D.	BEAM AND COLUMN BARS (INCLUDING STIRRUPS OR TIES)	1-1/2"
E.	EXTERIOR WALL AT EXTERIOR FACE	1-1/2"
F.	SLABS AND WALLS NOT EXPOSED TO WEATHER	1"

V. EXPANSION ANCHORS:

A. EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT II (KB-II) ANCHORS AS MANUFACTURED BY HILTI CORPORATION, OR APPROVED EQUIVALENT, AND SHALL COMPLY WITH ICBO REPORT #4627 (7/98). INSTALL ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.

B. ALLOWABLE ANCHOR LOADS IN 2000 PSI (NORMAL WEIGHT) CONCRETE.

DIA.	MINIMUM EMBED.	SHEAR	TENSION	TENSION TEST VALUE	TORQUE TEST VALUE
1/4"	2"	320#	420#	840#	7 FT-LBS.
3/8"	2-1/2"	880#	900#	1800#	25 FT-LBS.
1/2"	3-1/2"	1472#	1400#	2800#	45 FT-LBS.
5/8"	4"	2500#	1744#	3488#	95 FT-LBS.
3/4"	4-3/4"	3380#	3000#	6000#	225 FT-LBS.
1"	6"	6900#	3192#	6384#	325 FT-LBS.

C. THESE LOADS CORRESPOND TO 80% OF THE ICBO ALLOWABLE LOADS. INCREASE FOR COMBINATION WITH WIND OR SEISMIC FORCES IS NOT ALLOWED. SPECIAL INSPECTION OF EXPANSION BOLTS IS REQUIRED.

D. INSTALLATION: INSTALL EXPANSION BOLTS IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN ICBO RESEARCH COMMITTEE RECOMMENDATIONS FOR THE SPECIFIC EXPANSION BOLT.

E. FIELD TESTING: TENSION TEST DRILLED IN ANCHORAGE TO 160 PERCENT TIMES THE ICBO ALLOWABLE LOAD WITH SPECIAL INSPECTION, OR TORQUE TEST TO VALUES AS TABULATED IN NOTE B ABOVE. TESTS SHALL BE MADE IN THE PRESENCE OF THE OWNER'S PROJECT REPRESENTATIVE. TEST 50% OF EACH DIAMETER GROUP OF EXPANSION BOLTS. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.

F. TENSION TESTS: APPLY TEST LOADS TO EXPANSION BOLTS WITHOUT REMOVING THE NUT, IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE BOLT IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. BOLTS SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD TO BE ACCEPTABLE. (OBSERVABLE MOVEMENT IS DEFINED AS THE WASHER UNDER THE NUT BECOMING LOOSE).

G. TORQUE WRENCH TEST: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN ONE-HALF (1/2) TURN OF THE NUT.

VI. GROUTED ANCHORS

A. GROUT BY MASTER BUILDERS - MASTER FLOW 928, OR AN ENGINEER APPROVED EQUIVALENT PRODUCT.

ALLOWABLE LOAD FOR f'c=2000 PSI CONCRETE:

DIAM. ROD	MINIMUM EMBED	SHEAR	TENSION	TENSION TEST VALUE	CORE HOLE SIZE
3/8"	4"	820#	1100#	2200#	1"
1/2"	5"	1500#	1850#	3700#	1 1/4"
5/8"	6"	2350#	3130#	6260#	1 1/2"
3/4"	8"	3400#	4980#	9960#	1 3/4"
7/8"	12"	4460#	5730#	11460#	2"
1"	14"	5140#	7480#	14960#	2"

B. INCREASE FOR COMBINATION WITH WIND OR SEISMIC FORCES IS NOT ALLOWED. SPECIAL INSPECTION OF ANCHORS IS REQUIRED.

C. INSTALLATION: INSTALL PER MANUFACTURE'S RECOMMENDATIONS.

D. FIELD TESTING: TENSION TEST ANCHORS, WITH SPECIAL INSPECTION, TO THE VALUES TABULATED ABOVE. TESTS SHALL BE MADE IN THE PRESENCE OF THE OWNER'S PROJECT REPRESENTATIVE. TEST ALL ANCHORS. CONTRACTOR SHALL REPLACE ALL FAILED ANCHORS, AND RETEST. ALL COSTS OF SUCH RETESTS AND INSPECTIONS SHALL BE DEDUCTED FROM THE CONTRACT SUM.

E. TENSION TESTS: APPLY TEST LOADS TO ANCHOR BOLTS. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE BOLT IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. BOLTS SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD TO BE ACCEPTABLE.

F. WHEN INSTALLING ANCHORS, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.

VII. CONTRACTOR SUBMITTALS:

A. A PARTIAL LISTING OF REQUIRED STRUCTURAL SUBMITTALS FOLLOWS. CONSULT THE SPECIFICATIONS FOR A COMPLETE LISTING OF SUBMITTAL REQUIREMENTS.

1. SHOP DRAWINGS FOR ALL STRUCTURAL STEEL , SHOWING DETAILS INCLUDING CUTS, COPES, CONNECTIONS, HOLES, FASTENERS, AND WELDS.
2. CONCRETE MIX DESIGNS
3. MANUFACTURER'S DATA FOR INSERTS, GROUTS, AND EPOXIES.

VII. QUALITY CONTROL

A. THE FOLLOWING WORK REQUIRES TESTS AND/OR INSPECTIONS. FOR SPECIFIC REQUIREMENTS SEE SPECIFICATIONS. INSPECTIONS SHALL BE MADE IN ACCORDANCE WITH CBC 1701 BY THE ORS CERTIFIED SPECIAL INSPECTOR RETAINED BY THE OWNER.

1. WELDING
2. CONCRETE

VIII. ABBREVIATIONS:

ø	DIAMETER	MECH.	MECHANICAL
&	AND	MET.	METAL
@	AT	MIN.	MINIMUM
A.B.	ANCHOR BOLT	MISC.	MISCELLANEOUS
ARCH.	ARCHITECTURAL	(N)	NEW
BLDG.	BUILDING	NOM.	NOMINAL
BM.	BEAM	N.T.S.	NOT TO SCALE
BOT.	BOTTOM	O.C.	ON CENTER
℄	CENTER LINE	O.D.	OUTSIDE DIAMETER
C.J.	CONSTRUCTION JOINT	O.H.	OPPOSITE HAND
CLR.	CLEAR	OPG.	OPENING
COL.	COLUMN	OPP.	OPPOSITE
CONN.	CONNECTION	ℙ	PLATE
CONT.	CONTINUOUS	PT.	POINT
C.P.	COMPLETE PENETRATION	RDWD.	REDWOOD
CTR.	CENTER	REF.	REFERENCE
DET.	DETAIL	REQ.	REQUIRED
DET.	DETAIL	SCHED.	SCHEDULE
D.S.	DIAGONAL SHEATHING	SECT.	SECTION
(E)	EXISTING	SHT.	SHEET
EA.	EACH	S.A.D.	SEE ARCHITECTURAL DRAWINGS
E.F.	EACH FACE	S.M.D.	SEE MECHANICAL DRAWINGS
EL.	ELEVATION	SIM.	SIMILAR
ELEC.	ELECTRICAL	S.O.G.	SLAB ON GRADE
ELEV.	ELEVATOR	SPEC.	SPECIFICATION
E.W.	EACH WAY	SQ.	SQUARE
EXT.	EXTERIOR	STD.	STANDARD
FDN.	FOUNDATION	STL.	STEEL
FIN.	FINISH	STRUC.	STRUCTURAL
FL.	FLOOR	SYMM.	SYMMETRICAL
F.O.C.	FACE OF CONCRETE	T. & B.	TOP AND BOTTOM
FTG.	FOOTING	T & G	TONGUE AND GROOVE
GA.	GAUGE	T.C.	TOP OF CURB
GALV.	GALVANIZED	T.W.	TOP OF WALL
G.B.	GRADE BEAM	T.O.C.	TOP OF CONCRETE
HORIZ.	HORIZONTAL	T.O.S.	TOP OF STEEL
HT.	HEIGHT	T.P.	TOP OF PLATE
INT.	INTERIOR	TYP.	TYPICAL
J.H.	JOIST HANGER	U.O.N.	UNLESS OTHERWISE NOTED
JT.	JOINT	VERT.	VERTICAL
LT.	LIGHT	V.I.F.	VERIFY IN FIELD
LLH	LONG LEG HORIZONTAL	W/	WITH
LLV	LONG LEG VERTICAL	W/O	WITHOUT
MAX.	MAXIMUM	WT.	WEIGHT
		WK PT	WORK POINT

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GENERAL NOTES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	
11.13.03	DELETE SEISMIC UPGRADE	△1
	ADD #1	

DRAWN BY: JQS/MTC CHECKED BY: JKW

S1.0

JOB NO: 99041B OF SHEETS

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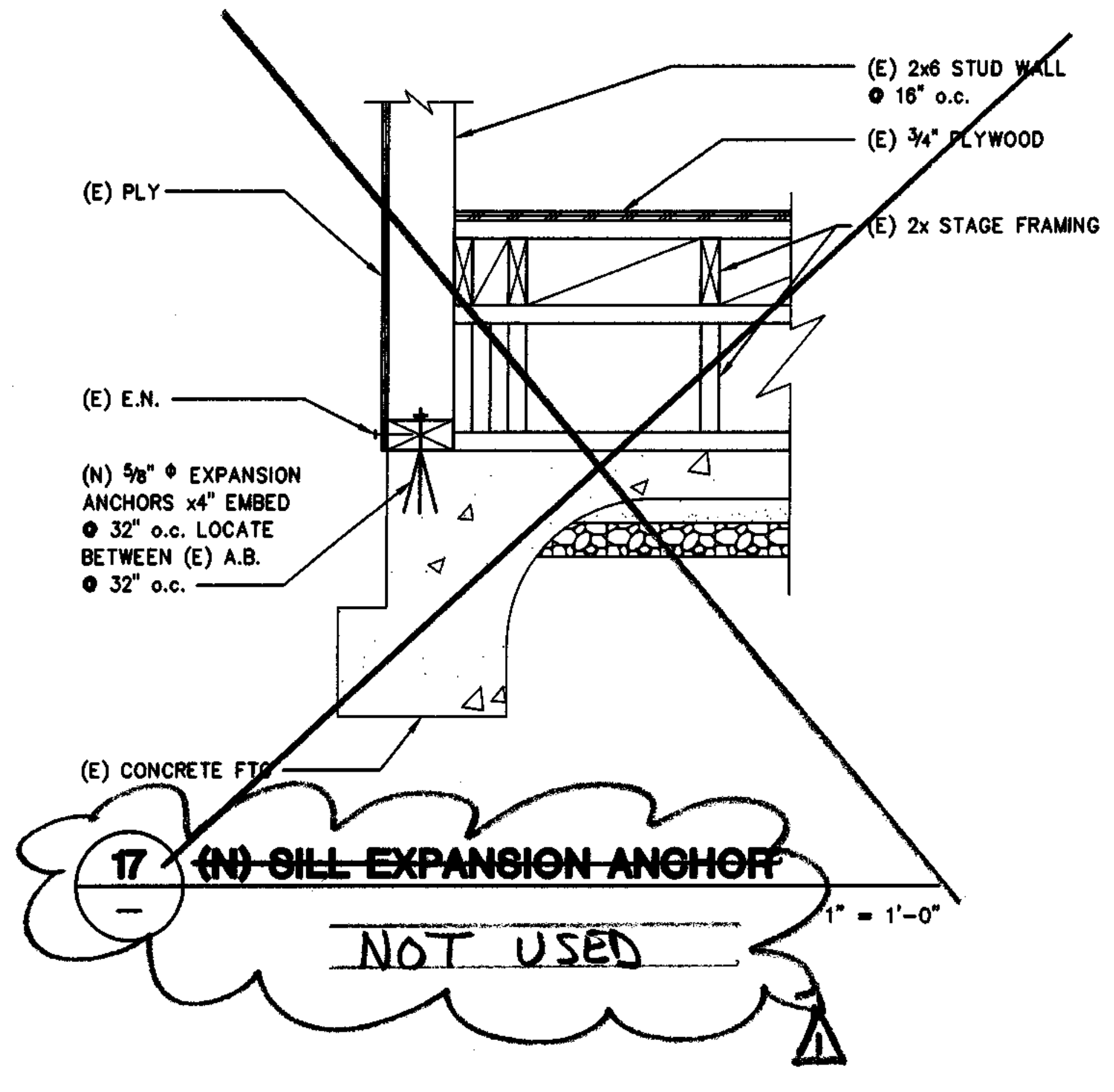
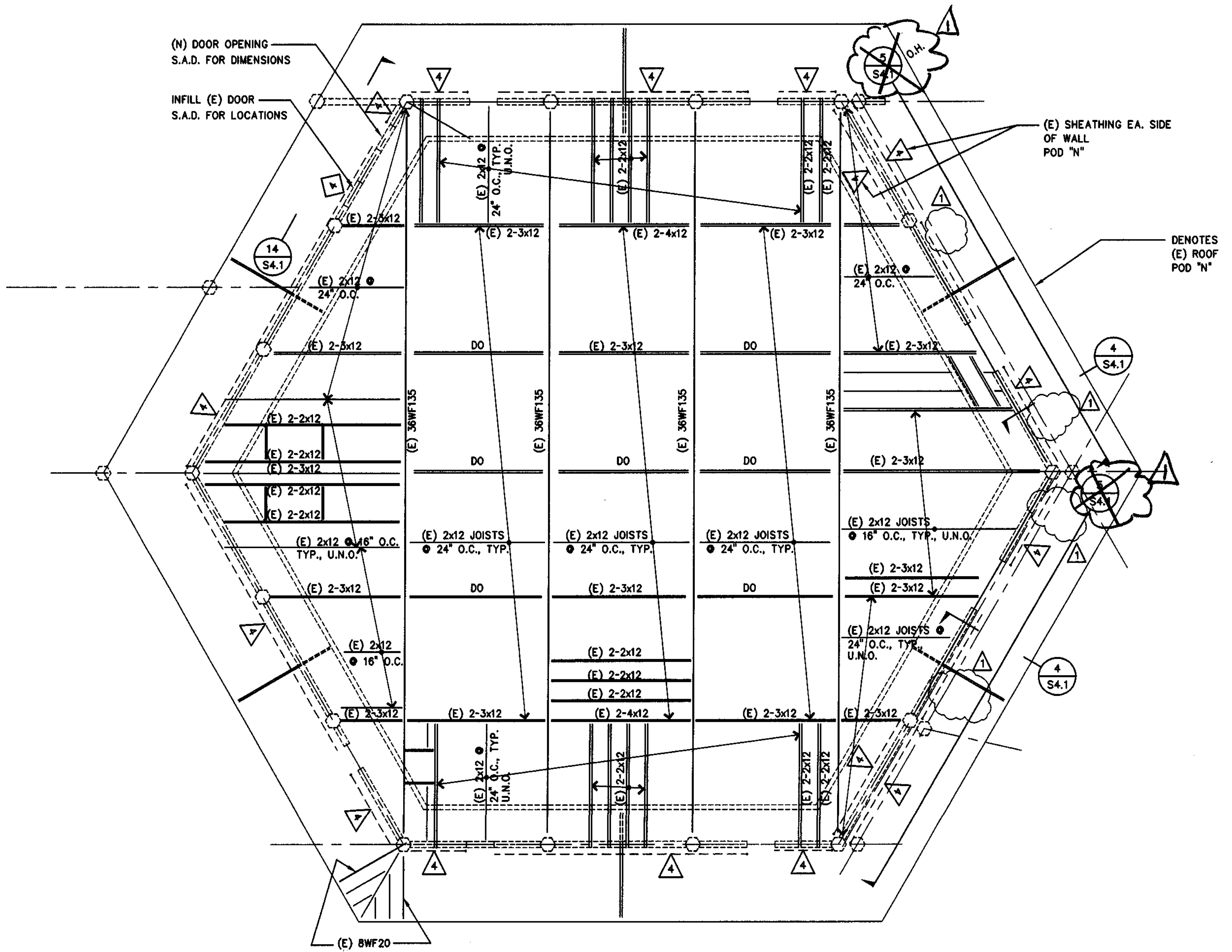


17 ~~(N) SILL EXPANSION ANCHOR~~

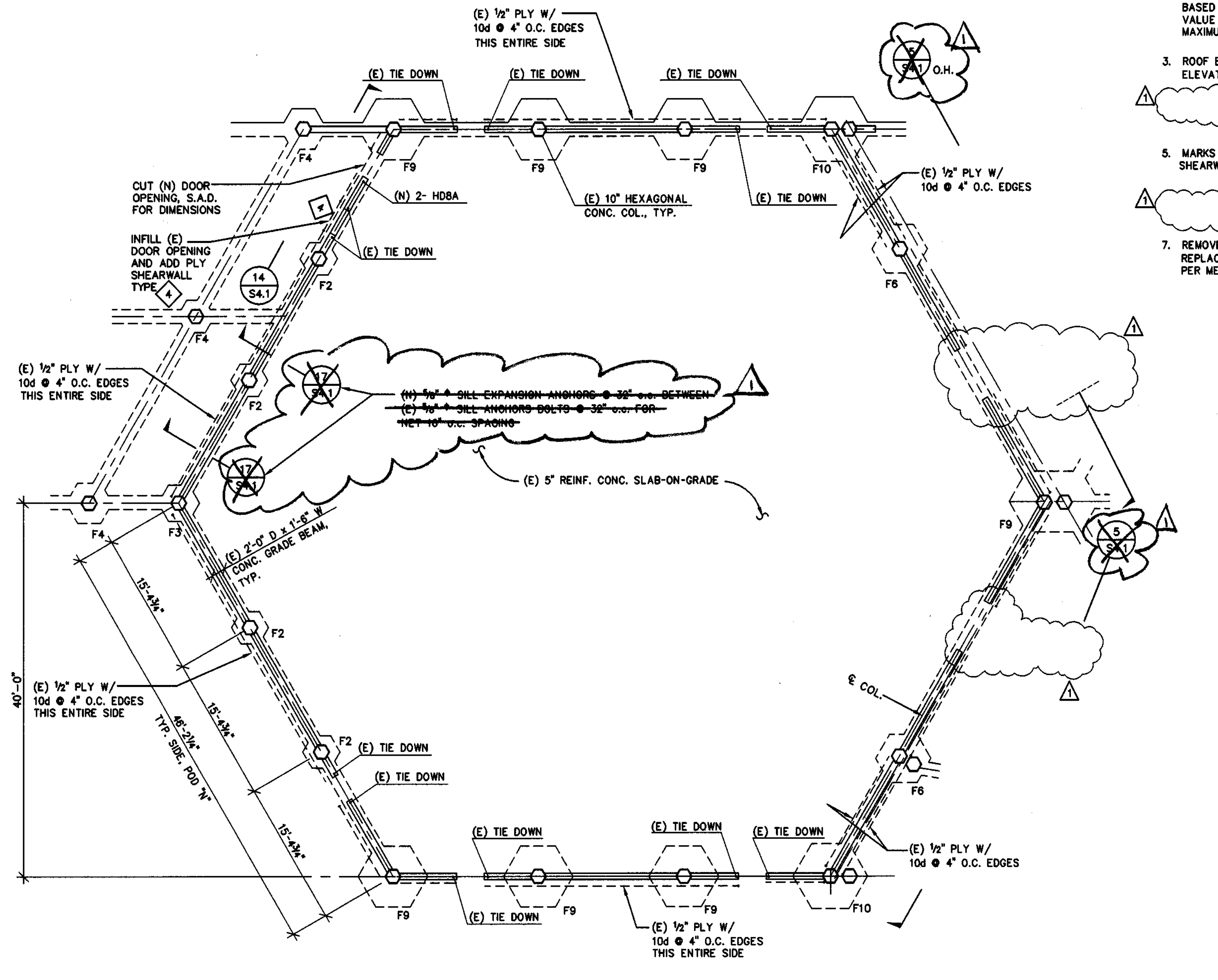
1" = 1'-0"

NOT USED



10 ROOF FRAMING PLAN

1/8"=1'-0"



12 FOUNDATION PLAN

1/8"=1'-0"

1 (E) COLUMN FOOTING SCHEDULE

NO SCALE

MARK	SIZE	DEPTH
F2	4'-0"	2'-0"
F3	4'-6"	2'-0"
F6	6'-0"	2'-0"
F9	7'-6"	2'-0"
F10	8'-0"	2'-0"

PLAN NOTES:

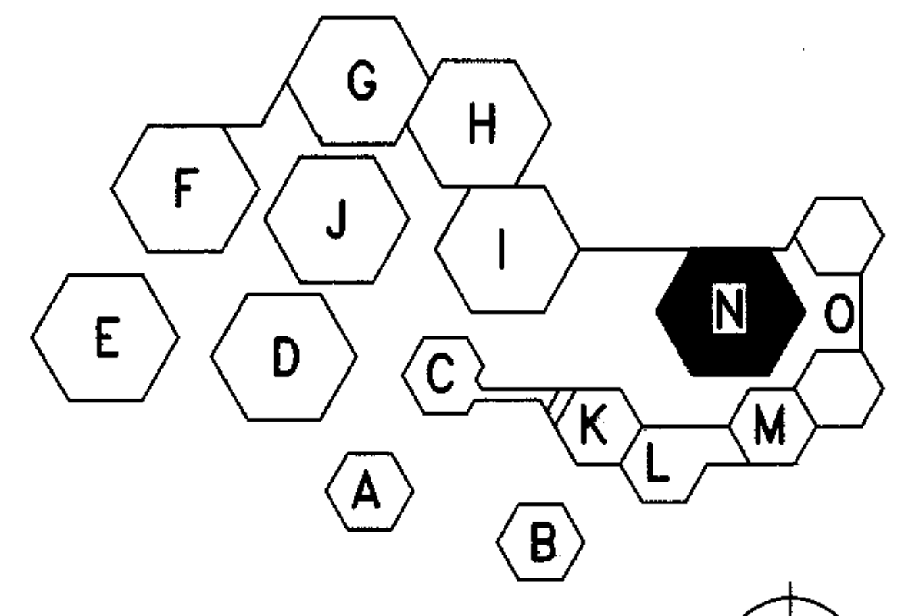
1. SEE GENERAL NOTES ON SHEET S1.0 AND TYPICAL DETAILS DETAILS ON SHEET S4.1
2. CAPACITIES OF EXISTING FOOTING HAVE BEEN ESTABLISHED BASED ON THE ALLOWABLE SOIL BEARING PRESSURE VALUE TAKEN FROM ORS APPL. #29443 DATED JUNE 2, 1967. MAXIMUM ALLOWABLE SOIL BEARING PRESSURE = 750 PSF D.L.
3. ROOF ELEVATION VARIES. CONTRACTOR TO VERIFY ELEVATION IN FIELD.

1

5. MARKS 4 ETC., DENOTE (E) ½" STRUCT I PLYWOOD SHEARWALL WITH PANEL EDGE NAILING OF 10d @ 4"o.c.

1

7. REMOVE (E) ROOF MOUNTED HVAC CONDENSER UNITS AND REPLACE WITH (N) MECHANICAL UNIT WT., SIZE AND LOCATION PER MECHANICAL DRAWINGS. ANCHOR TO (E) ROOF PER 13/S4.1.



KEY PLAN

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■ LEE KARNEY AIA
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C/ 3158
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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

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DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
APPL NO 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-101836

AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

PARTIAL FDN.
ROOF FRAMING
PLAN-POD "N"
GENERAL NOTES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	
11.13.03	DELETE SEISMIC UPGRADE	1
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S2.1

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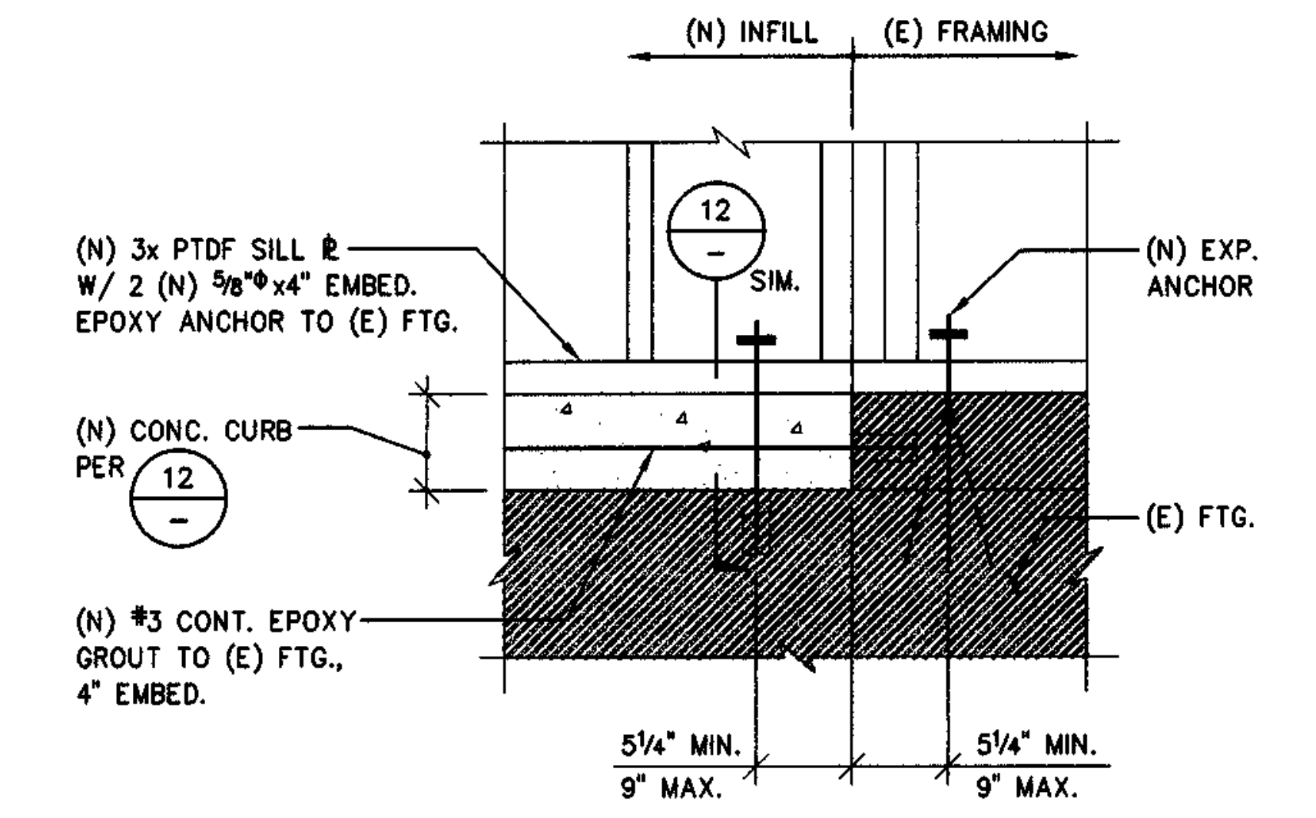
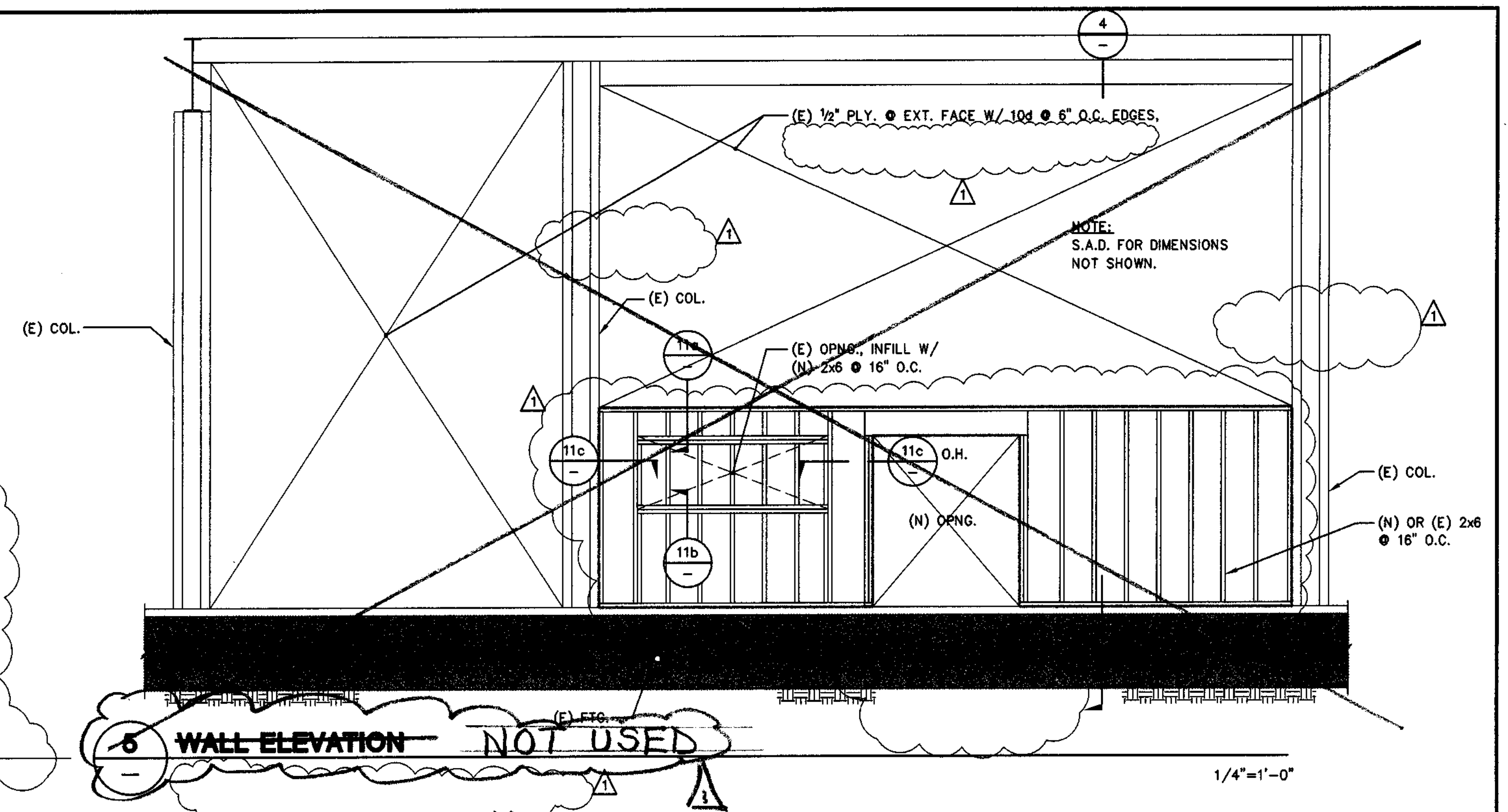

(N) INFILL
(E) FRAMING
(N) 3x PTDF SILL ℄ W/ 2 (N) ⅝"ɸ x4" EMBED. EPOXY ANCHOR TO (E) FTG.
12 SIM.
(N) EXP. ANCHOR
(N) CONC. CURB PER 12
(E) FTG.
(N) #3 CONT. EPOXY GROUT TO (E) FTG., 4" EMBED.
5¼" MIN. 9" MAX.
5¼" MIN. 9" MAX.

13 PARTIAL DETAIL

1"=1'-0"


4
(E) ½" PLY. @ EXT. FACE W/ 10d @ 6" O.C. EDGES.
NOTE: S.A.D. FOR DIMENSIONS NOT SHOWN.
(E) COL.
(E) COL.
(E) OPNG., INFILL W/ (N) 2x6 @ 16" O.C.
11a
11c
11c O.H.
11b
(N) OPNG.
(E) COL.
(N) OR (E) 2x6 @ 16" O.C.
(E) FTG.

5 ~~WALL ELEVATION~~ NOT USED

1/4"=1'-0"

CONNECTION	NAILING^{1}
1. Joist or rafters to sides of studs 8-inch joist or less For each additional 4 inches in depth of joist	3-16d 1-16d
2. Bridging to joists, toenail each end a. Blocking between joists or rafters- To joist or rafters-toenails each side, each end b. Blocking between studs, each end	2-8d 2-10d^{12} 2-10d toenails or 2-16d
3. 1" x 6" subfloor or less to each joist, face nail	2-8d
4. Wider than 1" x 6" subfloor to each joist, face nail	3-8d
5. 2" subfloor to joist or girder, blind and face nail	2-16d
6. Sole plate to joist or blocking, typical ace nail Sole plate to joist or blocking, at braced wall pannels	16d at 16" o.c. 3-16d per 16"
7. Top plate to stud, end nail	2-16d
8. Stud to sole plate	4-8d, toenail or 2-16d, end nail
9. Double studs, face nail	16d at 24"o.c.
10. Doubled top plates, Typical face nail Double top plates, lap splice	16d at 16" o.c. 8-16d
11. Blocking between joists or rafters to top plate, toenail	3-8d
12. Rim joist to top plate, toenail	8d at 6" o.c.
13. Top plates, laps and intersections, face nail	2-16d
14. Continuous header, two pieces	16d at 16" o.c. along each side
15. Ceiling joists to plate, toenail	3-8d
16. Continuous header to stud, toenail	4-8d
17. Ceiling joist, laps over partitions, face nail	3-16d
18. Ceiling joists to parallel rafters, face nail	3-16d
19. Joist or rafters at all bearings-toenails, each side	2-10d
20. 1" brace to each stud and plate, face nail	2-8d
21. 1" x 8" sheathing or less to each bearing, face nail	2-8d
22. Wider than 1" x 8" sheathing to each bearing, face nail	3-8d
23. Built-up corner studs	2-16d at 24" o.c.
24. Built-up girder and beams^{5}	20d at 32" o.c. at top and bottom and staggered 2-20d at ends and at each splice
25. 2" planks	2-16d at each bearing
26. Wood structural panels and particleboard Subfloor, roof and wall sheating (to framing): 1/2" and less 19/32" - 3/4" 7/8" - 1" 1 1/8" - 1 1/4" Combination subfloor-underlayment (to framing): 3/4" and less 7/8" - 1" 1 1/8" - 1 1/4"	6d^{3} 8d^{4}or 6d^{5} 8d^{3} 10d^{4} or 8d^{5} 6d^{5} 8d^{5} 10d^{4}or 8d^{5}
27. Panel siding (to framing):^{2} 1/2" or less 5/8"	6d^{6} 8d^{6}
28. Fiberboard Sheathing:^{7} 1/2" 25/32"	No. 11 ga.^{8} 6d^{4} No. 16 ga.^{9} No. 11 ga.^{8} 8d No. 16 ga.^{9}
29. Interior paneling 1/4" 3/8"	4d^{10} 6d^{11}

FOOTNOTES:

[1] Used common wire nails except where otherwise stated.

[2] Nails spaced at 6 inches on center at edges. 12 inches at intermdiate supports except 6 inches at all supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Sections 2315A.3.3 and 2315A.4. Nails for wall sheathing may be common, box or casing.

[3] Common or deformed shank.

[4] Common.

[5] Deformed shank.

[6] Corrosion-resistant siding or casing nails conforming to the requirements of Section 2304A.3.

[7] Fasteners spaced 3 inches on center at exterior edges and 6 inches on center at intermediate supports.

[8] Corrosion-resistant roofing nails with 7/16" inch-diameter head and 1½"-inch length for ½"-inch sheathing and 1¾"-inch length for 25/32-inch sheathing conforming to the requirements of Section 2304A.3

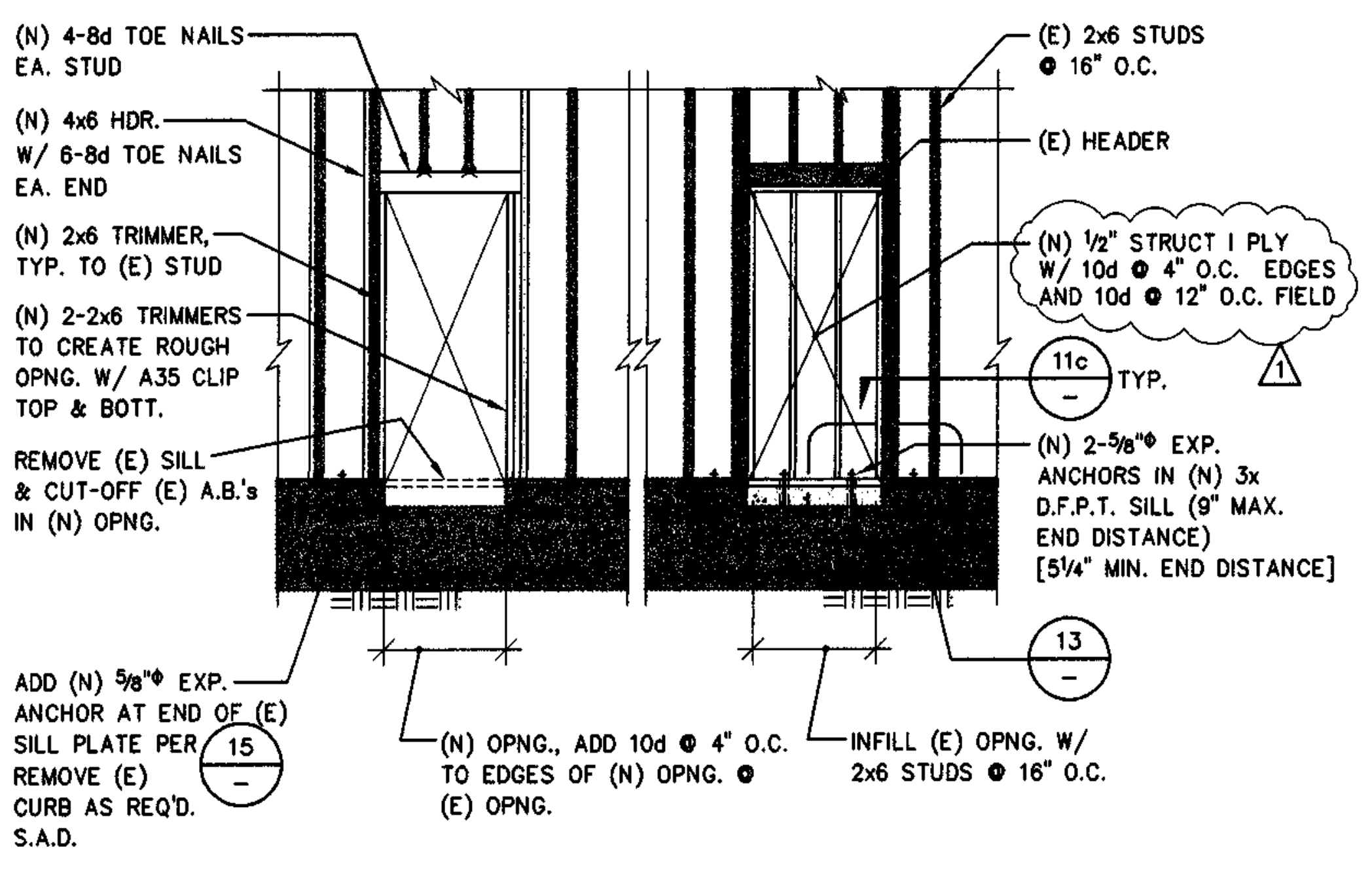
[9] Corrosion-resistant staples with nominal 7/16-inch crown and 1-⅛-inch length for ½-inch sheathing and 1½-inch length for 25/32-inch sheathing conforming to the requirements of Section 2304A.3.

[10] Panel supports at 16 inches [20 inches if strength axis in the long direction of the panel, unless otherwise marked]. Casing or finish nails spaced 6-inches on panel edges, 12 inches at intermediate supports.

[11] Panel supports at 24". Casing or finish nails spaced 6" on panel edges, 12" at intermediate supports.

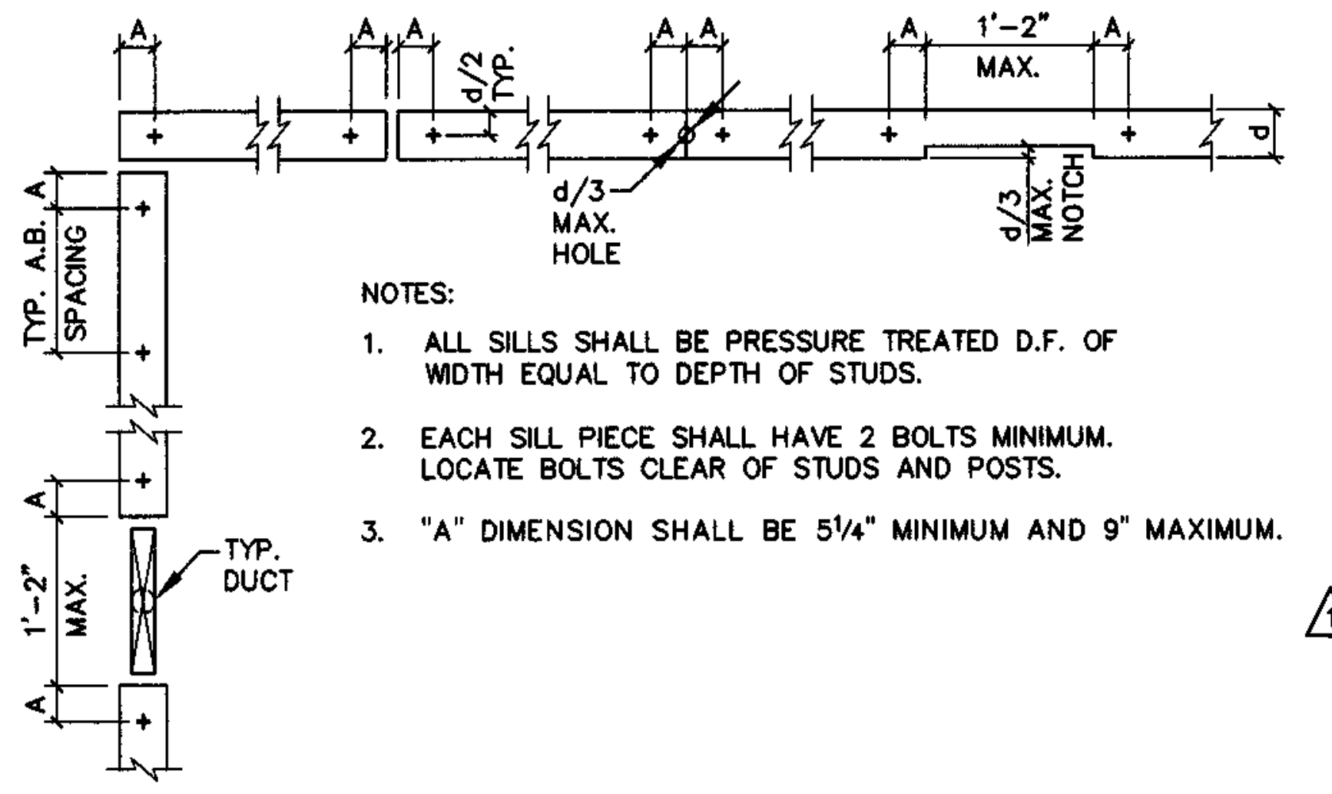
[12] When possible, nails driven perpendicular to the grain shall be used instead of toenails.

20 NAILING SCHEDULE 1998 CBC-TABLE NO. 23A-II-B-1


(N) 4-8d TOE NAILS EA. STUD
(N) 4x6 HDR. W/ 6-8d TOE NAILS EA. END
(N) 2x6 TRIMMER, TYP. TO (E) STUD
(N) 2-2x6 TRIMMERS TO CREATE ROUGH OPNG. W/ A35 CLIP TOP & BOTT.
REMOVE (E) SILL & CUT-OFF (E) A.B.'s IN (N) OPNG.
ADD (N) ⅝"ɸ EXP. ANCHOR AT END OF (E) SILL PLATE PER 15 REMOVE (E) CURB AS REQ'D. S.A.D.
(E) 2x6 STUDS @ 16" O.C.
(E) HEADER
(N) ½" STRUCT I PLY W/ 10d @ 4" O.C. EDGES AND 10d @ 12" O.C. FIELD
11c TYP.
(N) 2-⅝"ɸ EXP. ANCHORS IN (N) 3x D.F.P.T. SILL (9" MAX. END DISTANCE) [5¼" MIN. END DISTANCE]
13
(N) OPNG., ADD 10d @ 4" O.C. TO EDGES OF (N) OPNG. @ (E) OPNG.
INFILL (E) OPNG. W/ 2x6 STUDS @ 16" O.C.

14 (N) DOOR OPENING & (N) INFILL

1/4"=1'-0"



NOTES:

1. ALL SILLS SHALL BE PRESSURE TREATED D.F. OF WIDTH EQUAL TO DEPTH OF STUDS.
2. EACH SILL PIECE SHALL HAVE 2 BOLTS MINIMUM. LOCATE BOLTS CLEAR OF STUDS AND POSTS.
3. "A" DIMENSION SHALL BE 5¼" MINIMUM AND 9" MAXIMUM.

15 ANCHOR BOLT AND SILL PLATE

REBAR SIZE	THREADED ROD	HOLE DIAMETER	DEPTH OF EMBEDMENT	TENSION TEST VALUE
#3	⅜"ɸ	⅝"	4"	2,100#
#4	½"ɸ	¾"	5"	3,800#
#5	⅝"ɸ	⅞"	6"	5,900#
#6	¾"ɸ	1"	8"	8,400#
#7	⅞"ɸ	1⅛"	10"	11,500#
#8	1"ɸ	1¼"	12"	15,000#

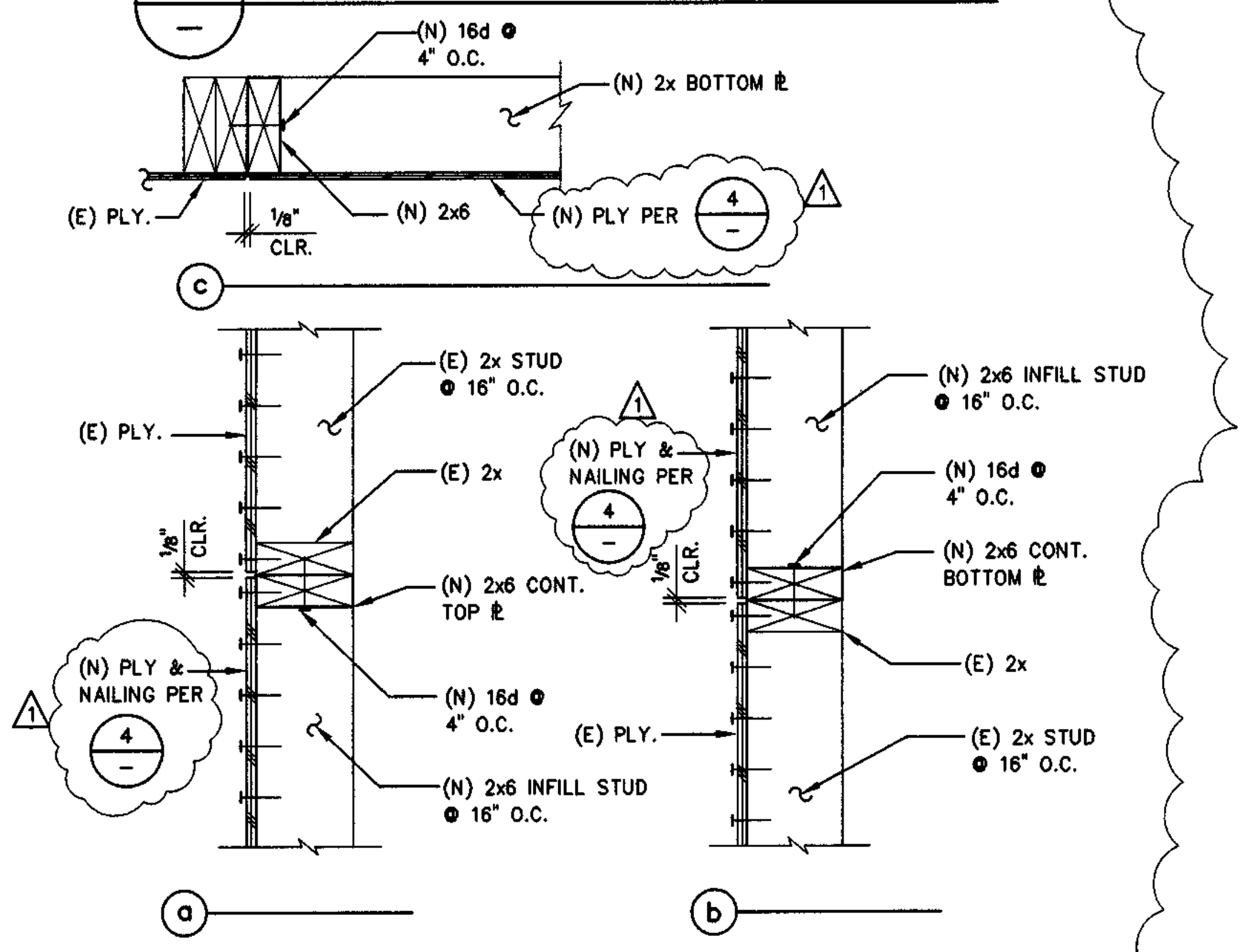
1. EPOXY GROUT SHALL BE BURKEPOXY MV OR EQUAL PRODUCT SUBSTITUTED PER SPECIFICATIONS. FOLLOW EPOXY MANUFACTURER'S INSTRUCTIONS FOR DOWEL INSTALLATION.
2. SEE DETAILS FOR ADDITIONAL DOWEL INFORMATION.
3. HOLES SHALL BE DRY. CLEAN HOLES WITH NYLON BRUSH TO REMOVE LOOSE MATERIAL AND BLOW OUT HOLES WITH OIL-FREE COMPRESSED AIR.
4. NOTIFY ARCHITECT IMMEDIATELY IF ELEMENTS WITHIN THE EXISTING STRUCTURE PREVENT DRILLING IN THE LOCATIONS SHOWN ON THE DRAWINGS.
5. FIELD TESTING: TENSION TEST 50% OF DOWELS IN EACH DIAMETER GROUP TO THE VALUES TABULATED ABOVE. TESTS SHALL BE PERFORMED BY THE OWNER'S TESTING AGENCY. IF ANY DOWEL FAILS, TEST ALL DOWELS NOT PREVIOUSLY TESTED UNTIL 20 CONSECUTIVE PASS. TESTING SHALL OCCUR 7 DAYS MINIMUM AFTER DOWEL INSTALLATION. TEST AND INSPECTION COSTS ASSOCIATED WITH FAILED DOWELS SHALL BE DEDUCTED FROM THE CONTRACT SUM.

16 TYPICAL EPOXY GROUTED DOWELS

HOLDOWN SCHEDULE					
HD DESIGNATION	THREADED ROD ɸ	EMBEDMENT	HOLE ɸ	MIN. POST	PULL TEST LOAD
HD6A	⅞"	12"	2"	4x	11.5
HD8A	⅞"	12"	2"	6x	11.5

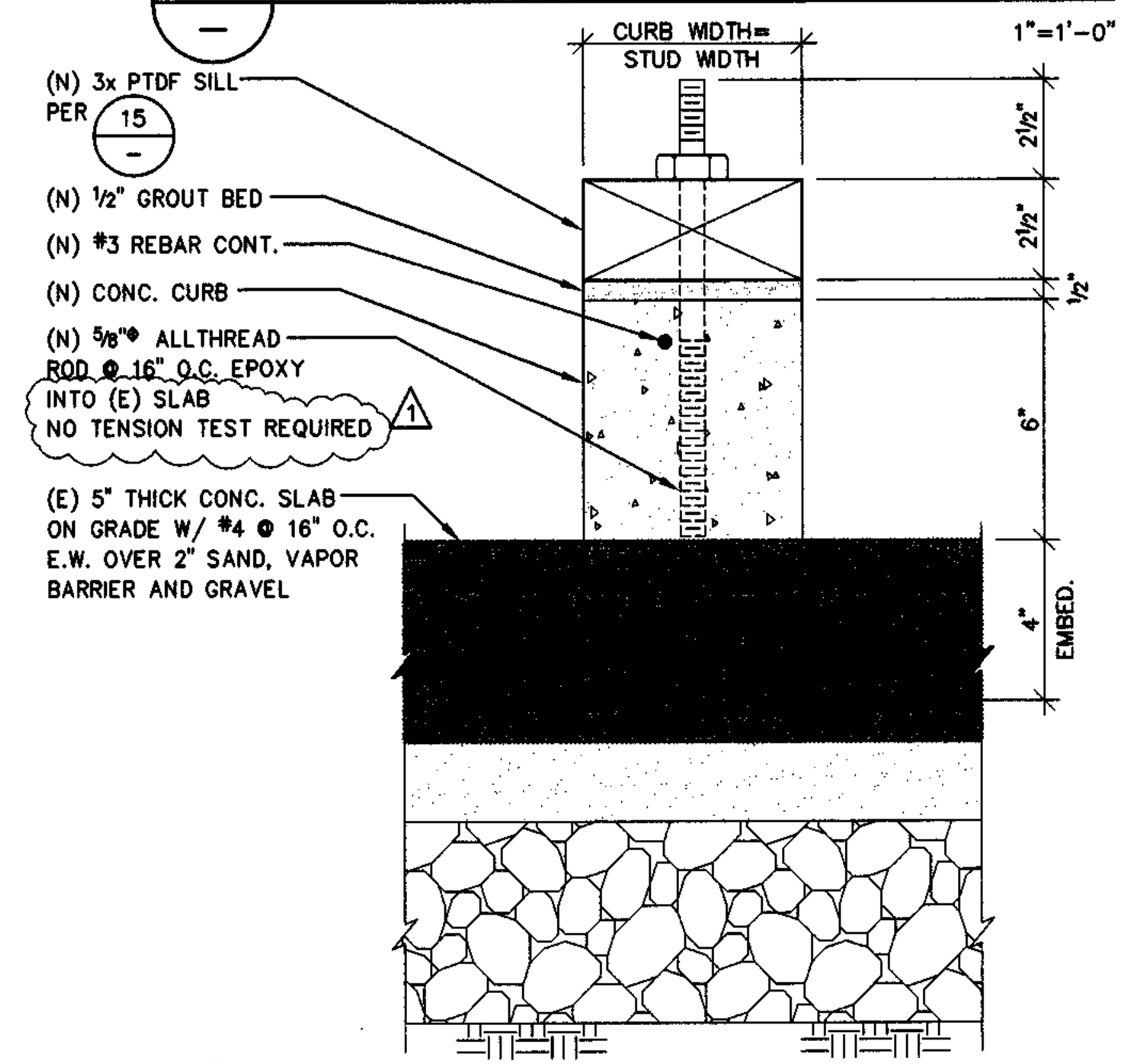
1. SEE PLAN FOR SIZES & LOCATIONS OF HOLDOWNS.
2. HD DESIGNATION IS SIMPSON HOLDOWN.
3. TIEDOWN SHALL BE CENTERED ON POST OR STUD.
4. DRILL HOLE W/ ROTARY HAMMER. SET ROD INTO NON-SHRINK GROUT.
5. USE MASTER BUILDER'S MASTER FLOW 928 GROUT OR EQUAL.
6. ALL ANCHORS TO BE PULL TESTED TO THE VALUES INDICATED ABOVE. SEE GENERAL NOTES ON TENSION TEST.
7. CONTRACTOR TO ENSURE NO REINFORCING CONTAINED WITHIN THE CONTINUOUS STRIP FOOTING IS DAMAGED. (HORIZONTAL CURB REINFORCING OK TO CUT)
8. WHERE HOLDOWN IS INSTALLED OVER A (N) CONCRETE FOOTING, CAST IN PLACE ANCHOR BOLTS SHALL BE USED IN LIEU OF THREADED RODS, W/ EMBED. DEPTH TO MATCH.

10 (N) HOLDOWN SCHEDULE



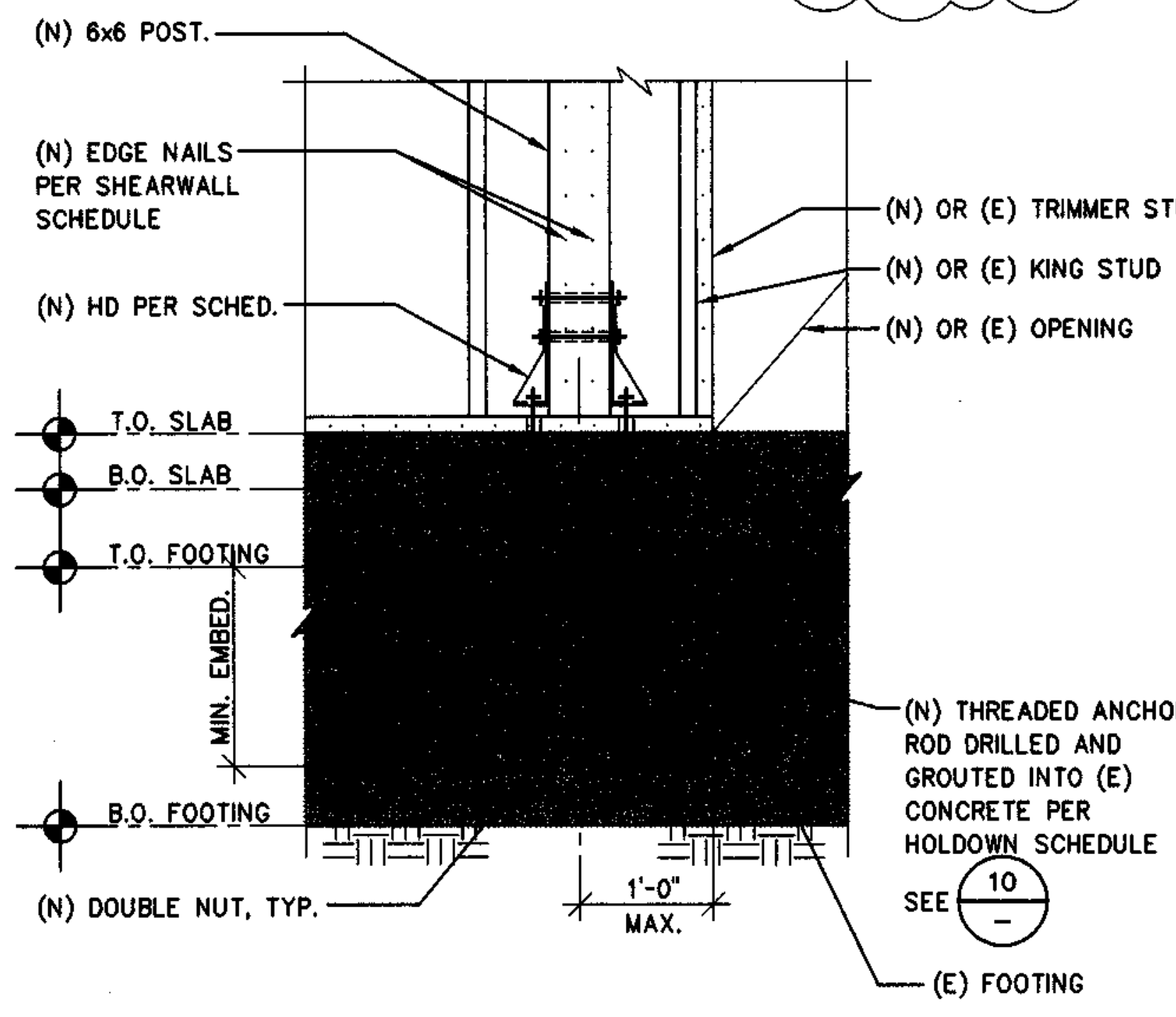
11 DETAIL

1"=1'-0"


CURB WIDTH= STUD WIDTH
(N) 3x PTDF SILL PER 15
(N) ½" GROUT BED
(N) #3 REBAR CONT.
(N) CONC. CURB
(N) ⅝"ɸ ALLTHREAD ROD @ 16" O.C. EPOXY INTO (E) SLAB
NO TENSION TEST REQUIRED
(E) 5" THICK CONC. SLAB ON GRADE W/ #4 @ 16" O.C. E.W. OVER 2" SAND, VAPOR BARRIER AND GRAVEL
2½"
½"
6"
4" EMBED.

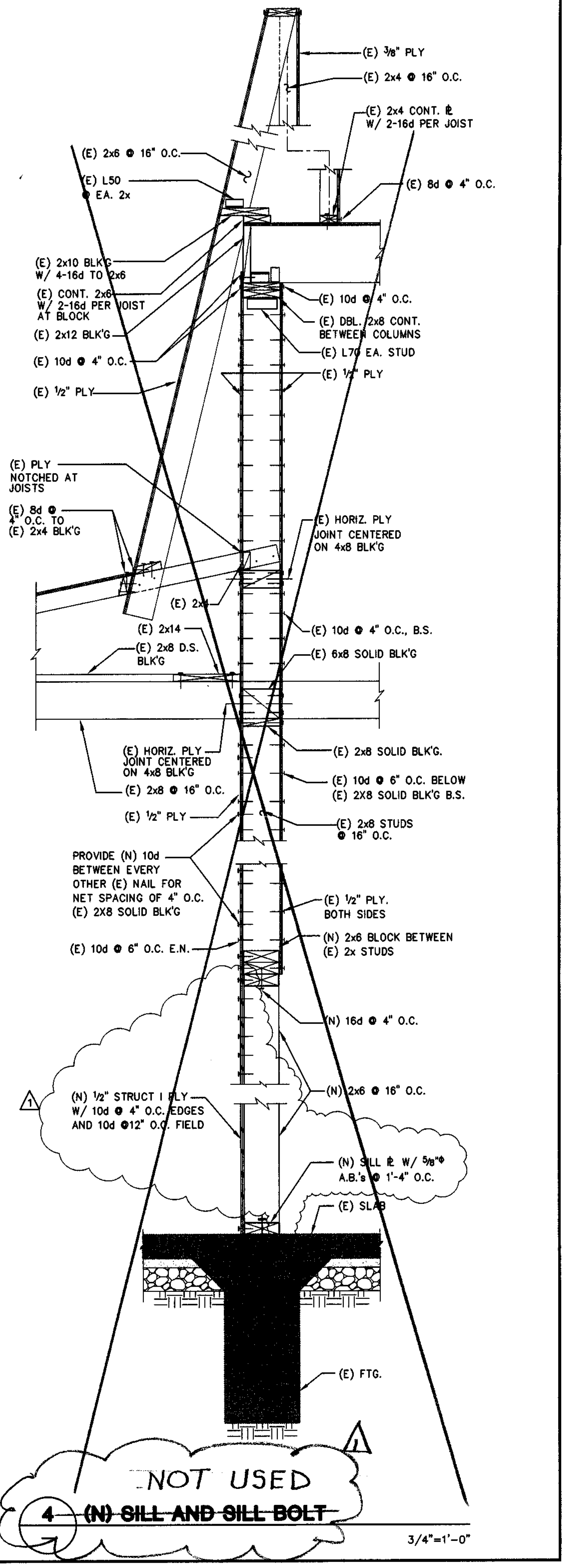
12 (N) WALL SILL AT (N) CONCRETE CURB

3"=1'-0"



8 (N) HOLDOWN ADJACENT TO OPENING

3/4"=1'-0"


(E) ⅜" PLY
(E) 2x4 @ 16" O.C.
(E) 2x4 CONT. ℄ W/ 2-16d PER JOIST
(E) 8d @ 4" O.C.
(E) 2x6 @ 16" O.C.
(E) L50 @ EA. 2x
(E) 2x10 BLK'G W/ 4-16d TO 2x6
(E) CONT. 2x6 W/ 2-16d PER JOIST AT BLOCK
(E) 2x12 BLK'G
(E) 10d @ 4" O.C.
(E) ½" PLY
(E) 10d @ 4" O.C.
(E) DBL. 2x8 CONT. BETWEEN COLUMNS
(E) L70 EA. STUD
(E) ½" PLY
(E) PLY NOTCHED AT JOISTS
(E) 8d @ 4" O.C. TO (E) 2x4 BLK'G
(E) HORIZ. PLY JOINT CENTERED ON 4x8 BLK'G
(E) 2x4
(E) 2x14
(E) 2x8 D.S. BLK'G
(E) 10d @ 4" O.C., B.S.
(E) 6x8 SOLID BLK'G
(E) HORIZ. PLY JOINT CENTERED ON 4x8 BLK'G
(E) 2x8 @ 16" O.C.
(E) ½" PLY
(E) 2x8 SOLID BLK'G.
(E) 10d @ 6" O.C. BELOW
(E) 2X8 SOLID BLK'G B.S.
(E) 2x8 STUDS @ 16" O.C.
PROVIDE (N) 10d BETWEEN EVERY OTHER (E) NAIL FOR NET SPACING OF 4" O.C.
(E) 2X8 SOLID BLK'G
(E) ½" PLY. BOTH SIDES
(E) 10d @ 6" O.C. E.N.
(N) 2x6 BLOCK BETWEEN (E) 2x STUDS
(N) 16d @ 4" O.C.
(N) ½" STRUCT I PLY W/ 10d @ 4" O.C. EDGES AND 10d @12" O.C. FIELD
(N) 2x6 @ 16" O.C.
(N) SILL & W/ ⅝"ɸ A.B.'s @ 1'-4" O.C.
(E) SLAB
(E) FTG.

4 ~~(N) SILL AND SILL BOLT~~ NOT USED

3/4"=1'-0"

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DATE ____

AUTHORITY APPROVAL

DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	
11.13.03	DELETE SEISMIC UPGRADE	1
	ADD # 1	

DRAWN BY: JQS/MTC CHECKED BY: JKW

S4.1

JOB NO: 99041B OF SHEETS

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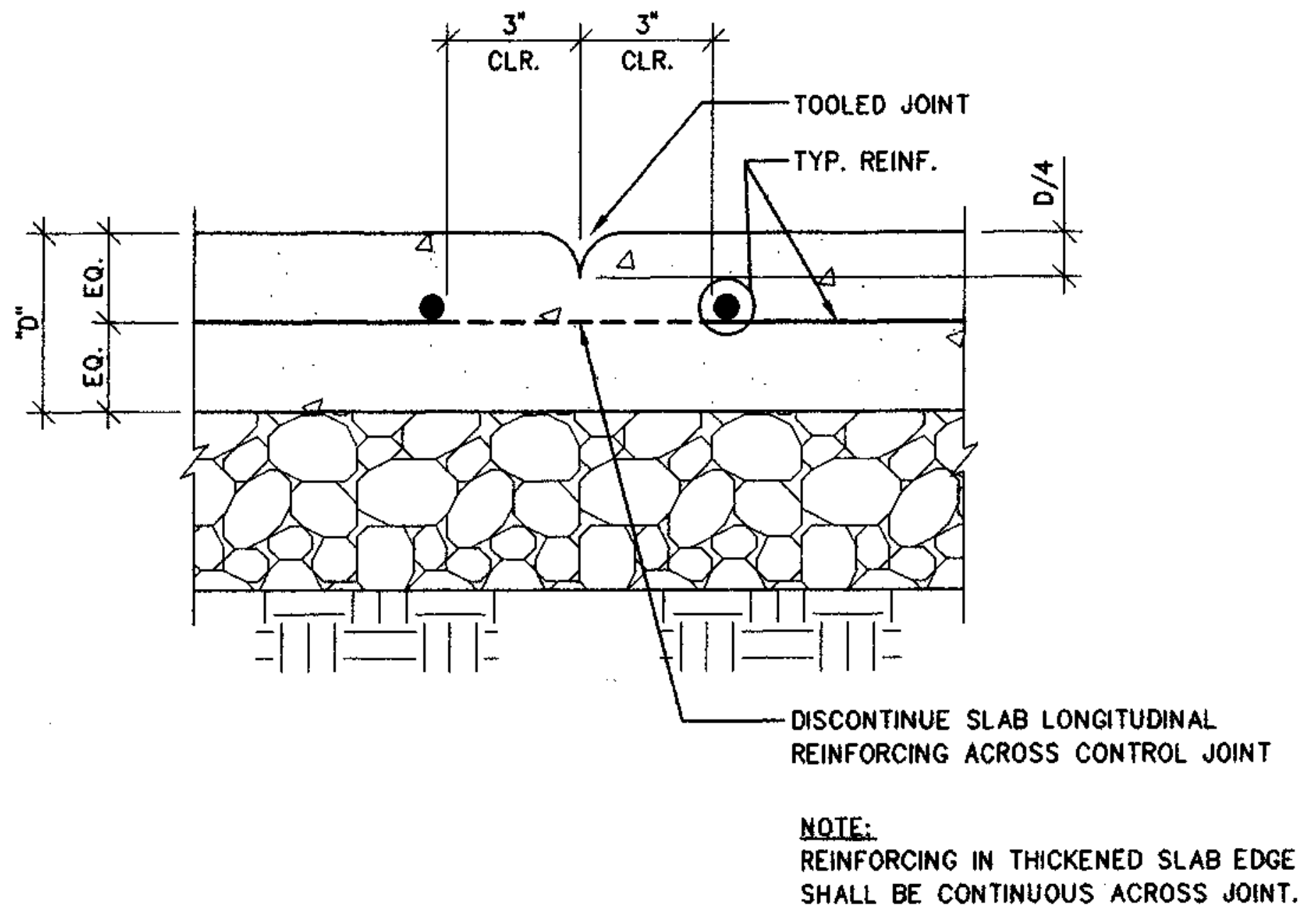
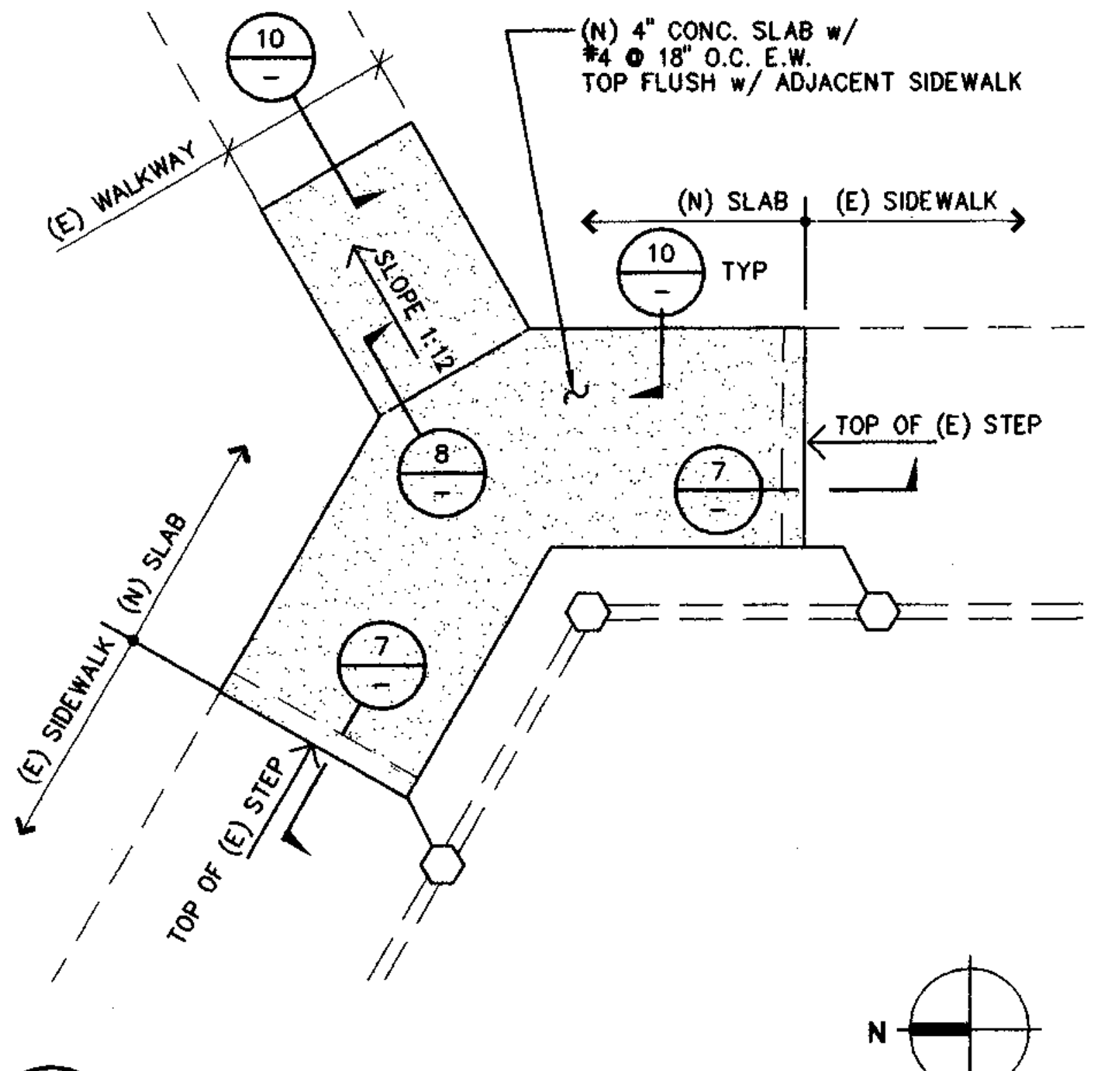

3"
CLR.
3"
CLR.
TOOLED JOINT
TYP. REINF.
D/4
"D"
EQ.
EQ.
DISCONTINUE SLAB LONGITUDINAL REINFORCING ACROSS CONTROL JOINT

NOTE:
REINFORCING IN THICKENED SLAB EDGE SHALL BE CONTINUOUS ACROSS JOINT.

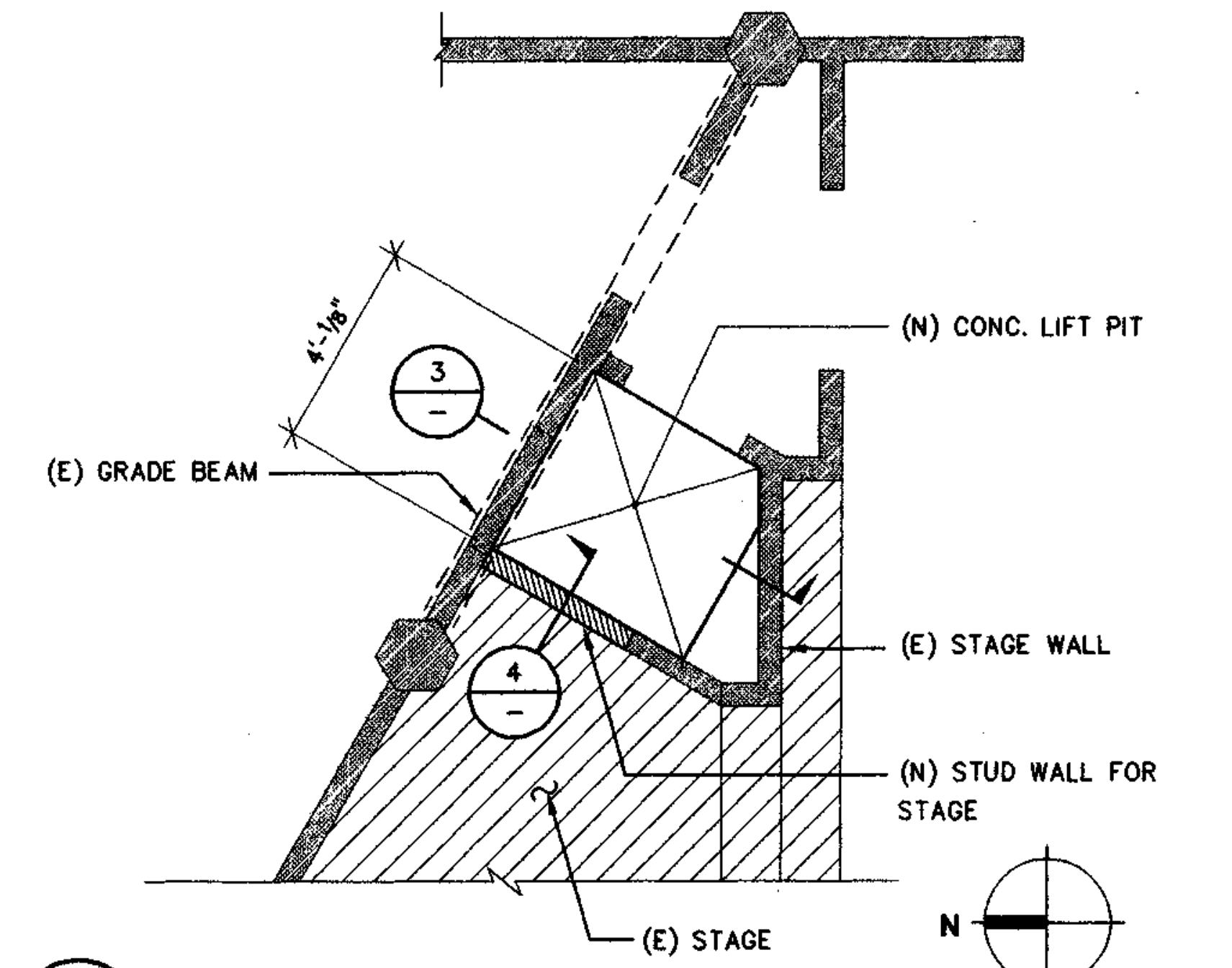
9 TYPICAL CONTROL JOINTS

3"=1'-0"



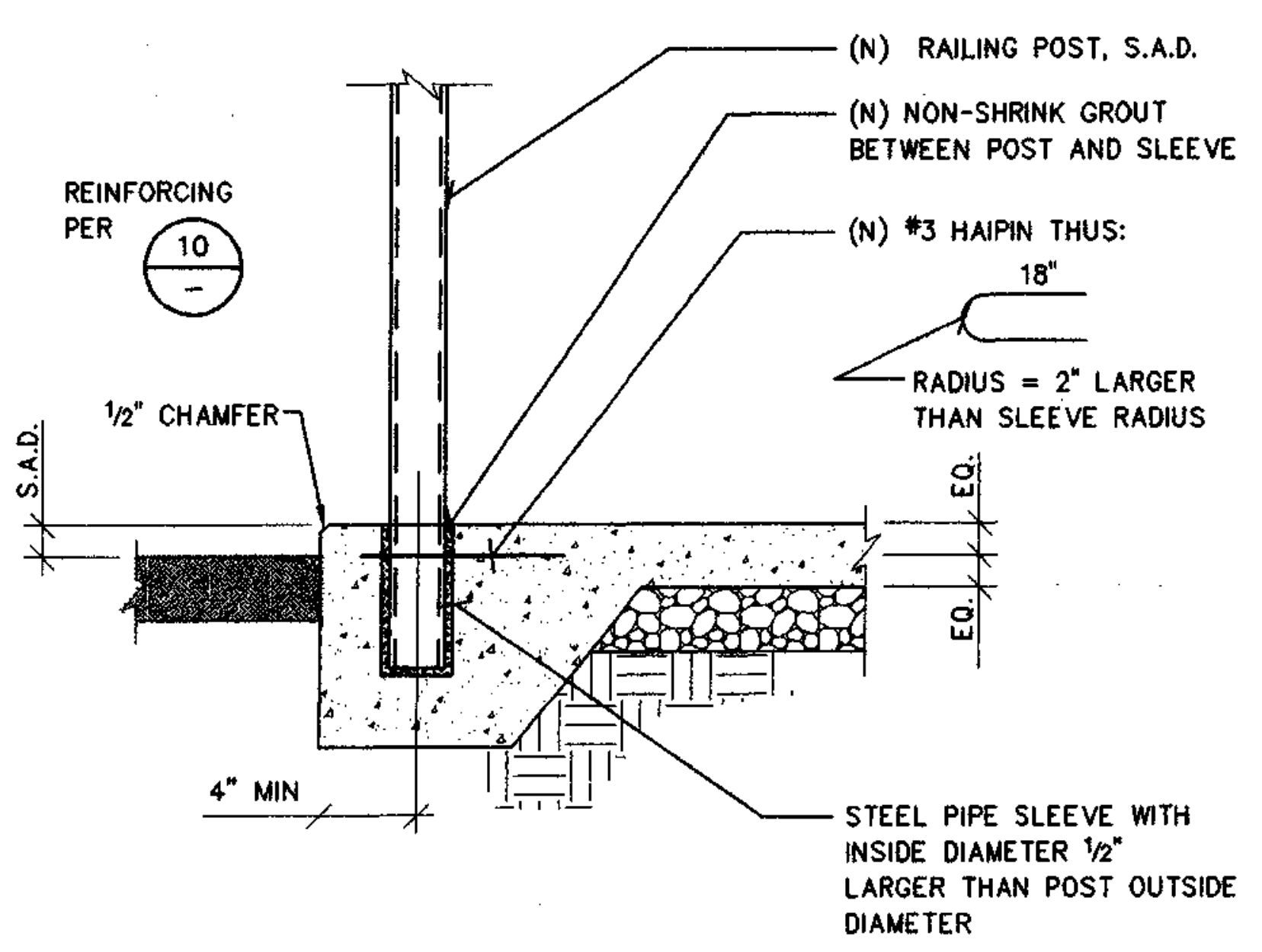
5 RAMP OF POD B PARTIAL PLAN

1/8"=1'-0"



1 (N) LIFT PARTIAL PLAN

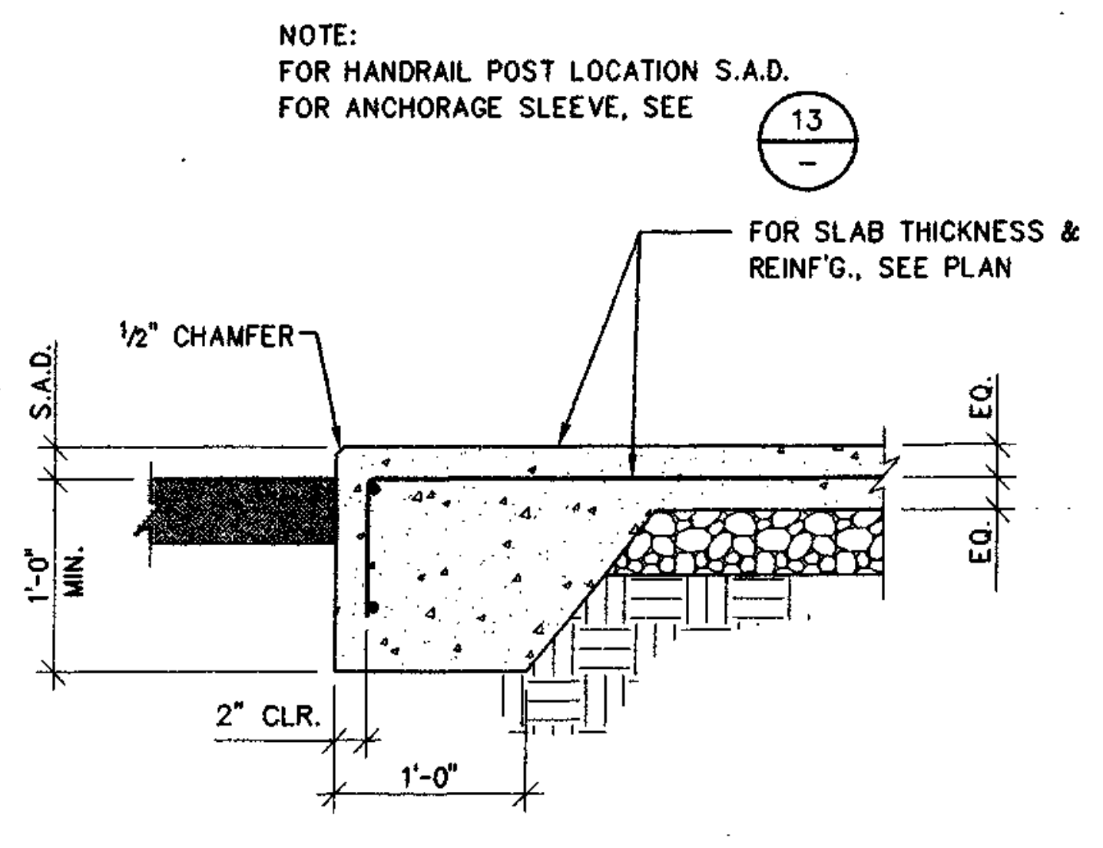
1/8"=1'-0"


REINFORCING PER 10
(N) RAILING POST, S.A.D.
(N) NON-SHRINK GROUT BETWEEN POST AND SLEEVE
(N) #3 HAIPIN THUS:
18"
RADIUS = 2" LARGER THAN SLEEVE RADIUS
1/2" CHAMFER
S.A.D.
EQ.
EQ.
4" MIN
STEEL PIPE SLEEVE WITH INSIDE DIAMETER 1/2" LARGER THAN POST OUTSIDE DIAMETER

13 NEW HANDRAIL POST ANCHORAGE DETAIL

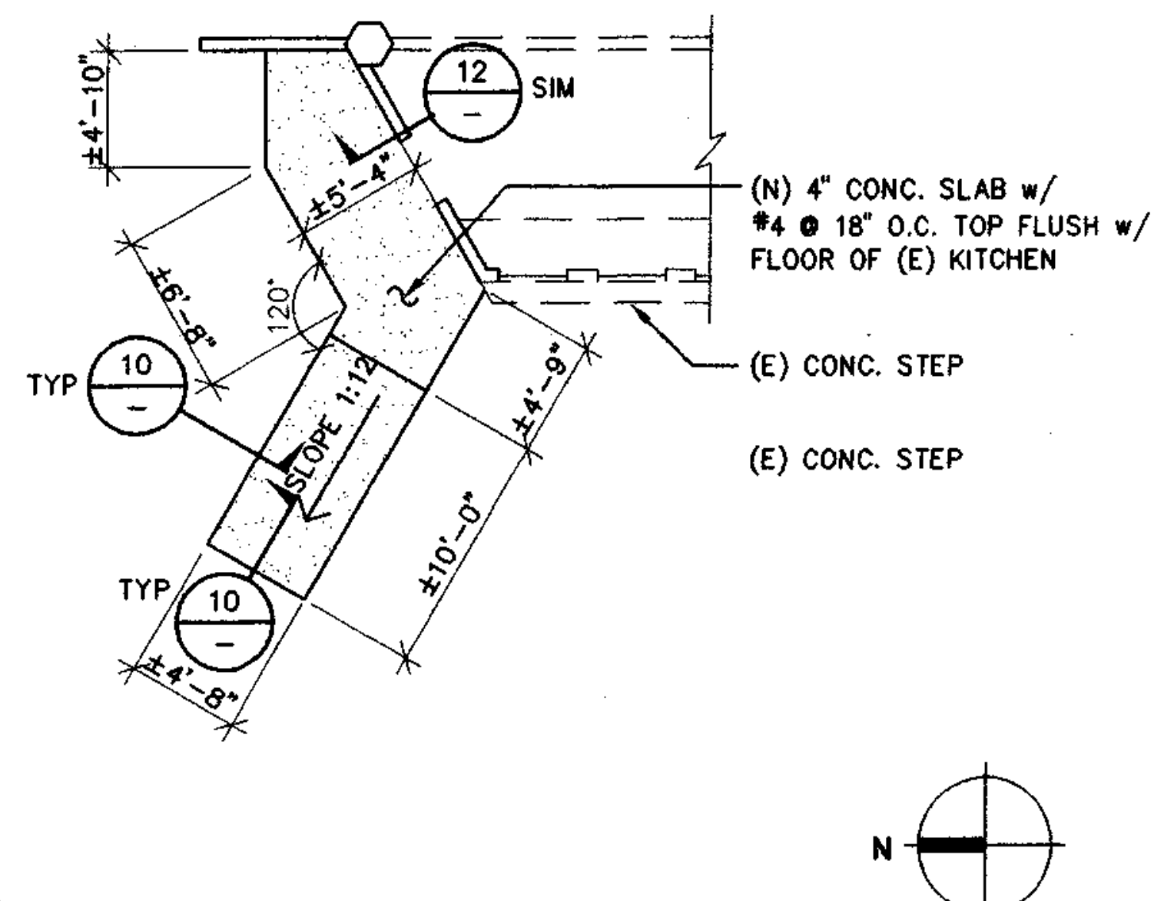
1"=1'-0"

NOTE:
FOR HANDRAIL POST LOCATION S.A.D.
FOR ANCHORAGE SLEEVE, SEE 13



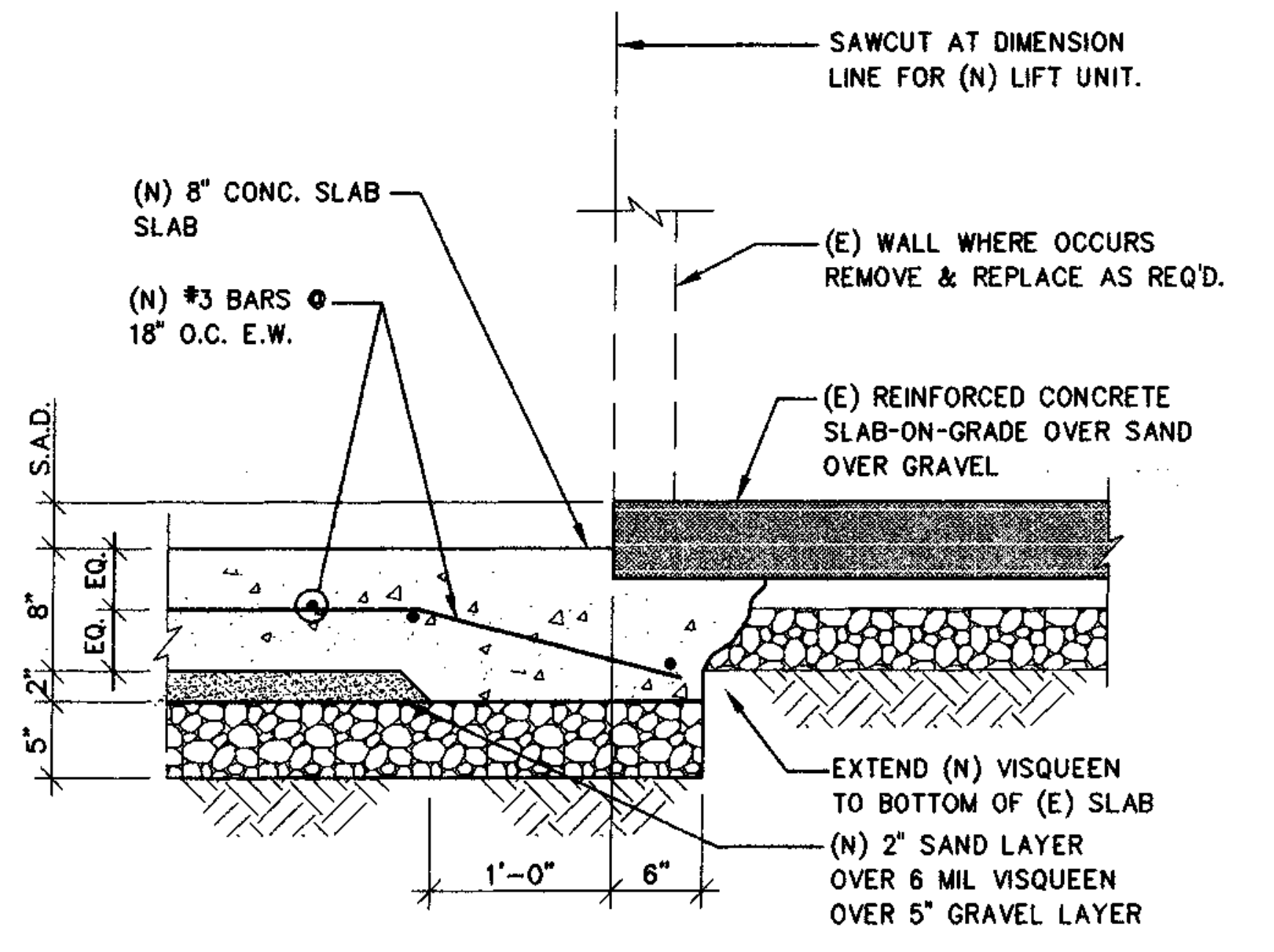
10 TYPICAL (N) SLAB AT WALKWAY EDGE OF PAVING

1"=1'-0"



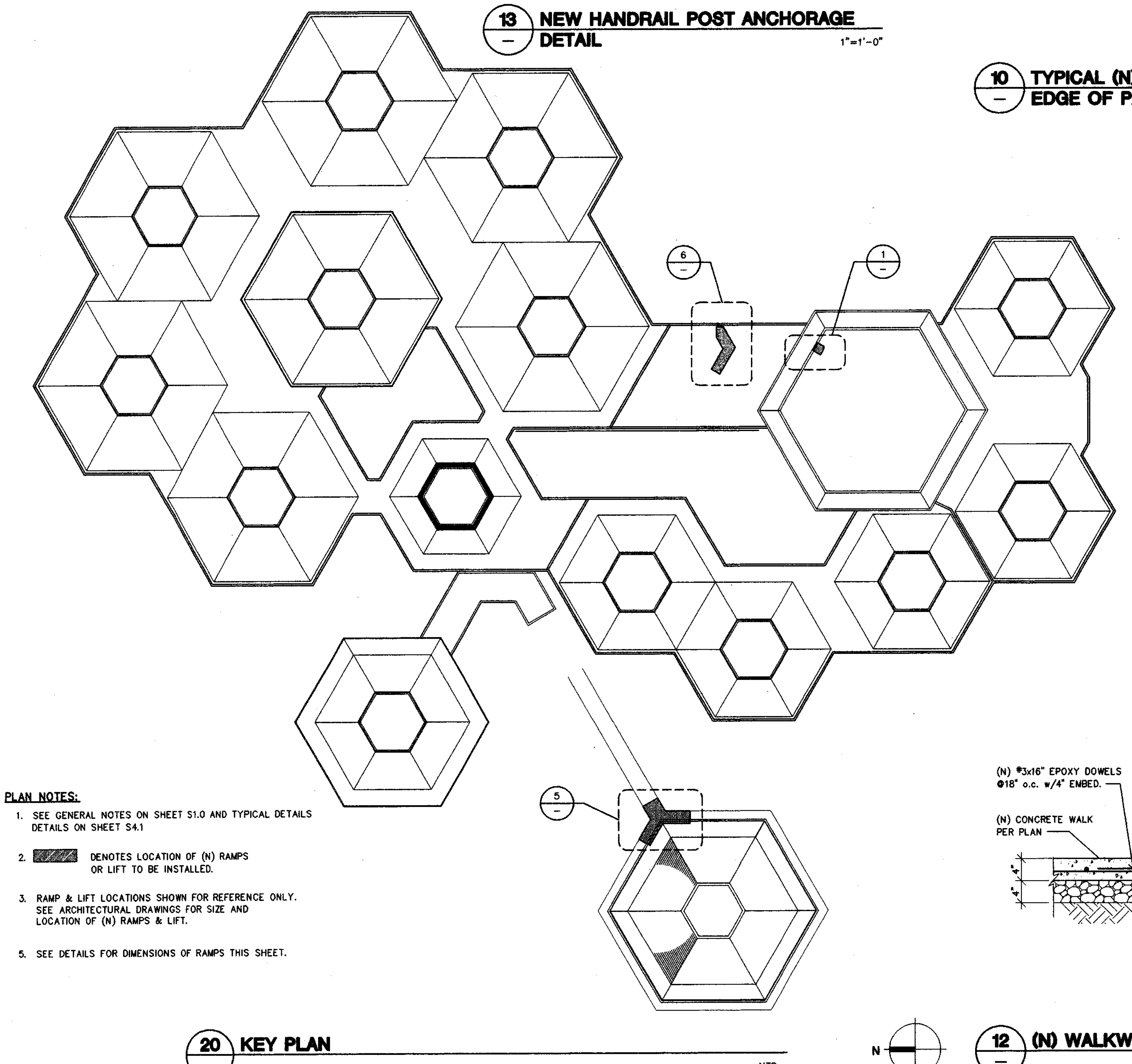
6 RAMP AT KITCHEN PARTIAL PLAN

1/8"=1'-0"


SAWCUT AT DIMENSION LINE FOR (N) LIFT UNIT.
(N) 8" CONC. SLAB SLAB
(N) #3 BARS @ 18" O.C. E.W.
(E) WALL WHERE OCCURS REMOVE & REPLACE AS REQ'D.
(E) REINFORCED CONCRETE SLAB-ON-GRADE OVER SAND OVER GRAVEL
S.A.D.
8"
EQ.
EQ.
2"
5"
EXTEND (N) VISQUEEN TO BOTTOM OF (E) SLAB
(N) 2" SAND LAYER OVER 6 MIL VISQUEEN OVER 5" GRAVEL LAYER
1'-0"
6"

2 DEPRESSED SLAB AT (N) LIFT PIT

1"=1'-0"

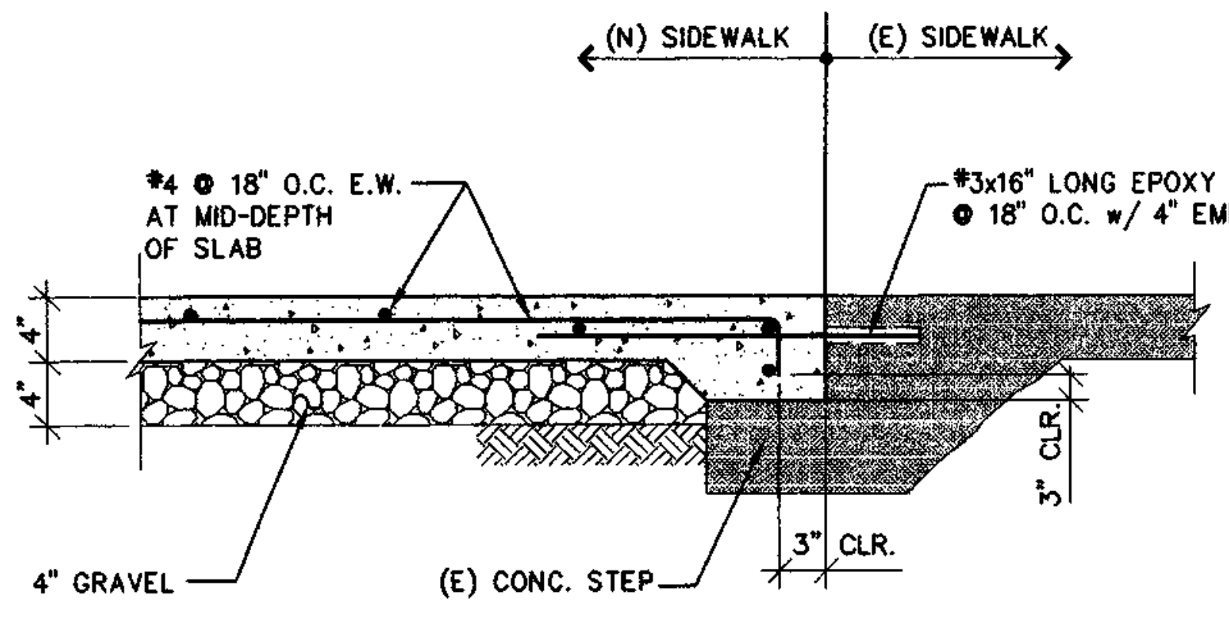


PLAN NOTES:

1. SEE GENERAL NOTES ON SHEET S1.0 AND TYPICAL DETAILS DETAILS ON SHEET S4.1
2. ▨ DENOTES LOCATION OF (N) RAMPS OR LIFT TO BE INSTALLED.
3. RAMP & LIFT LOCATIONS SHOWN FOR REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF (N) RAMPS & LIFT.
5. SEE DETAILS FOR DIMENSIONS OF RAMPS THIS SHEET.

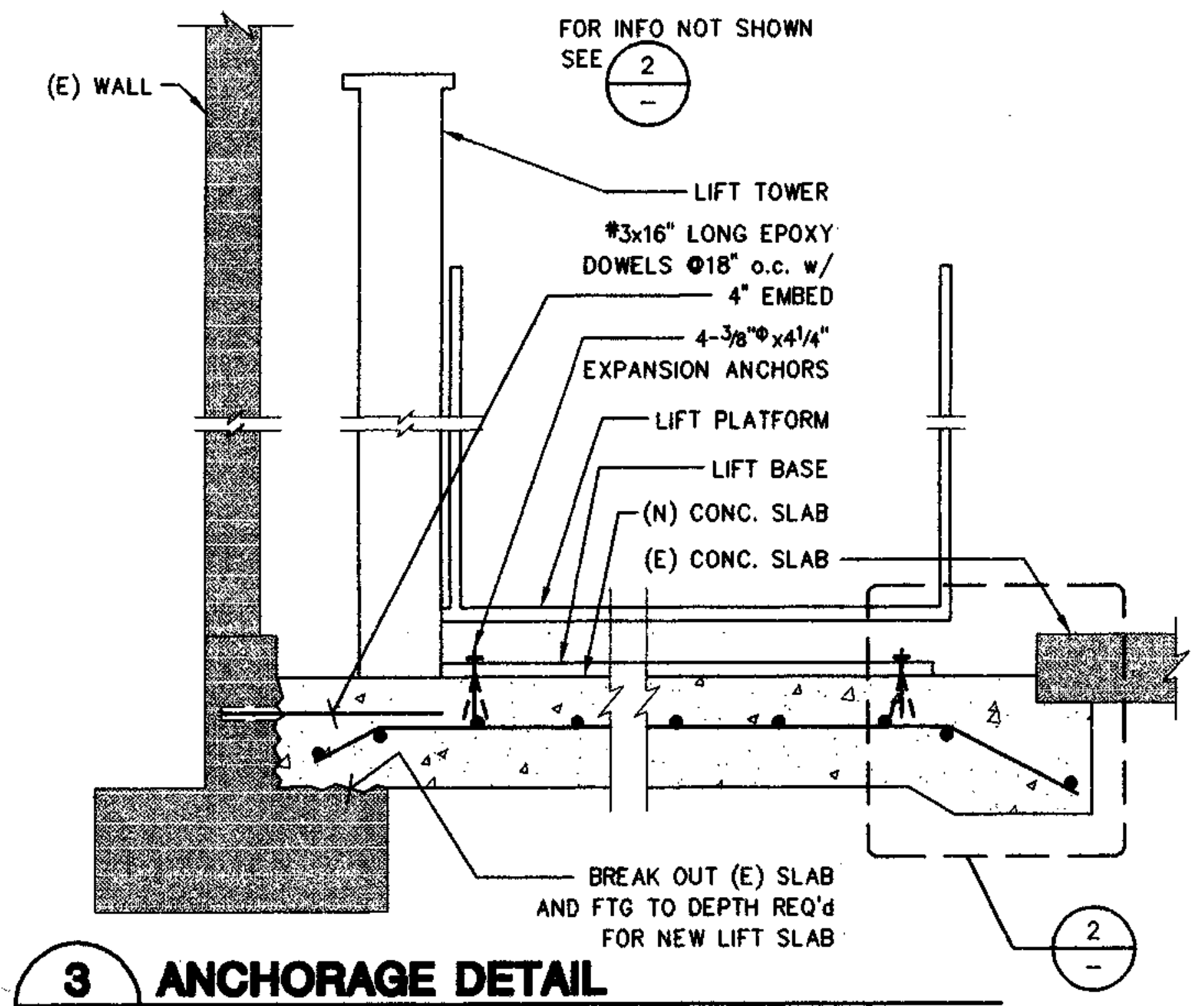
20 KEY PLAN

NTS


(N) SIDEWALK
(E) SIDEWALK
#4 @ 18" O.C. E.W. AT MID-DEPTH OF SLAB
#3x16" LONG EPOXY DOWELS @ 18" O.C. w/ 4" EMBED.
4"
4"
3" CLR.
4" GRAVEL
(E) CONC. STEP
3" CLR.

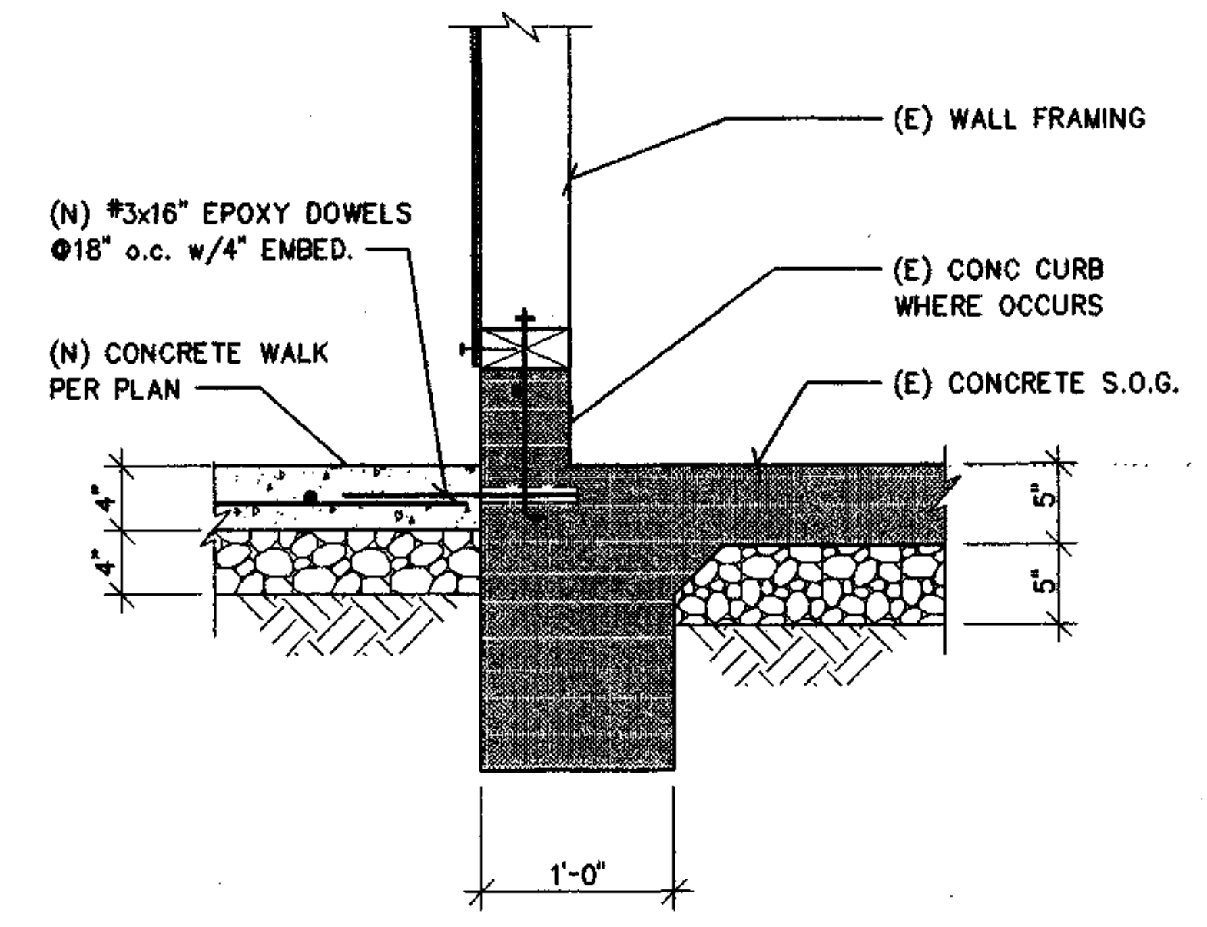
7 TYPICAL SLAB SECTION

1"=1'-0"


(E) WALL
FOR INFO NOT SHOWN SEE 2
LIFT TOWER
#3x16" LONG EPOXY DOWELS @18" o.c. w/ 4" EMBED
4-3/8"Φx4 1/4" EXPANSION ANCHORS
LIFT PLATFORM
LIFT BASE
(N) CONC. SLAB
(E) CONC. SLAB
BREAK OUT (E) SLAB AND FTG TO DEPTH REQ'd FOR NEW LIFT SLAB
2

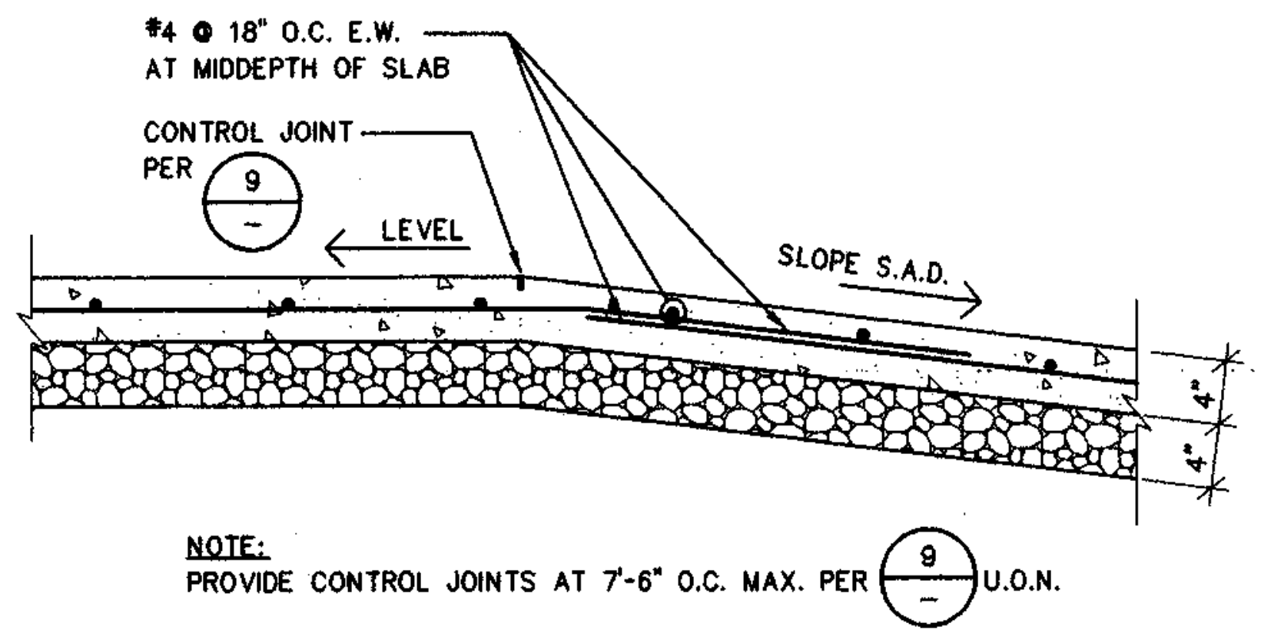
3 ANCHORAGE DETAIL

1"=1'-0"


(E) WALL FRAMING
(N) #3x16" EPOXY DOWELS @18" o.c. w/4" EMBED.
(E) CONC CURB WHERE OCCURS
(N) CONCRETE WALK PER PLAN
(E) CONCRETE S.O.G.
4"
4"
5"
5"
1'-0"

12 (N) WALKWAY @ KITCHEN

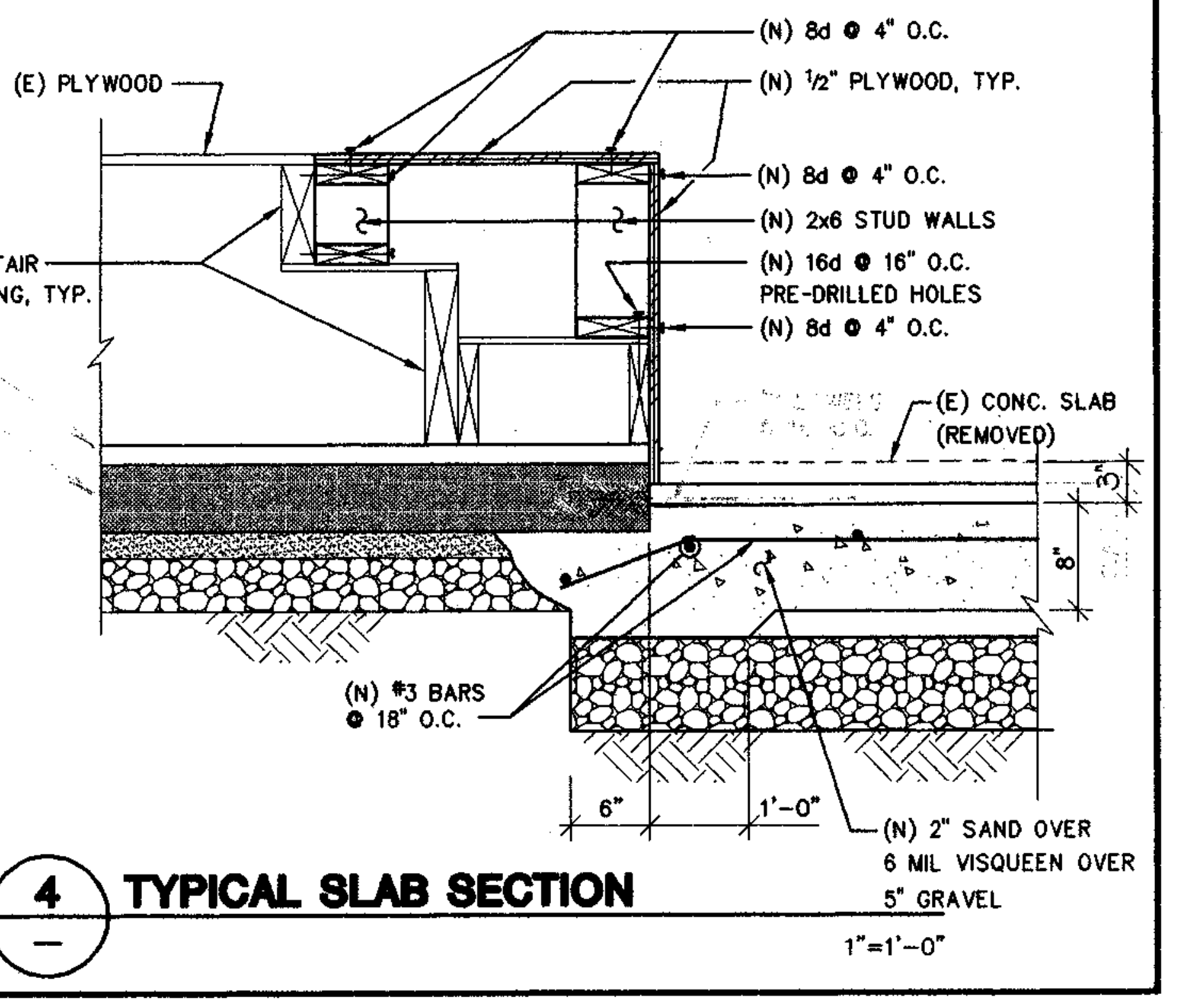
1"=1'-0"



NOTE:
PROVIDE CONTROL JOINTS AT 7'-6" O.C. MAX. PER 9 U.O.N.

8 SLAB SECTION @ JUNCTION

1"=1'-0"



4 TYPICAL SLAB SECTION

1"=1'-0"

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■ LEE KARNEY AIA
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WILLIAM A. ANDREWS
S 3773
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BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-101836
AC ✓ FLS ✓ SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

LIFT AND RAMP PARTIAL PLANS & DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY:JQS/MTC CHECKED BY:JKW

S5.1

JOB NO: 99041B OF SHEETS

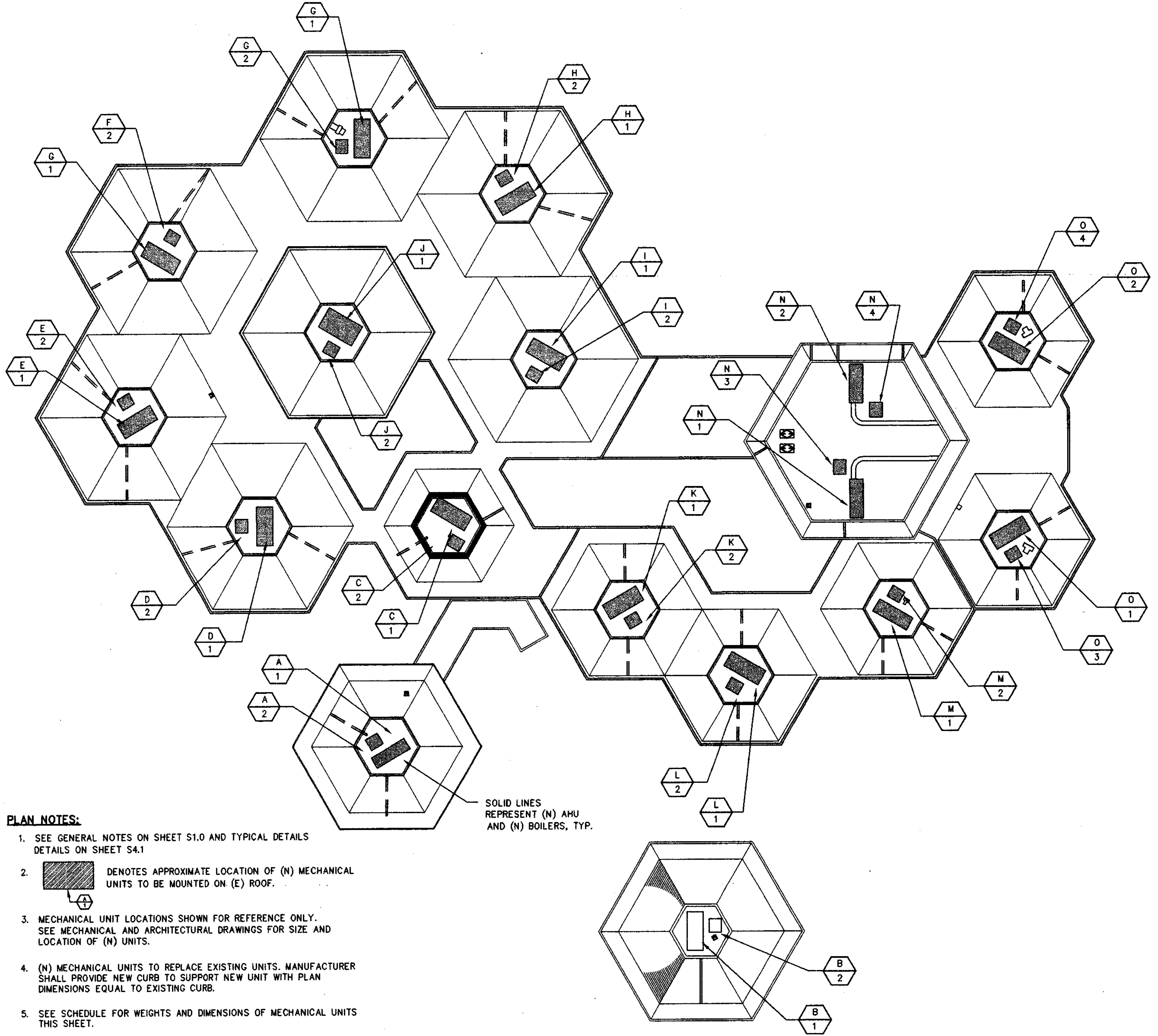
FILE: E:\99b208\VBN\BOWDITCH\STRUCT\208S51-BW.dwg11/08/99 at 14:51
XREF: E:\99b208\BOWDITCH\ARCH\x-ROOF.dwg
XREF: E:\99b208\VBN\BOWDITCH\STRUCT\bo208-tb.dwg

DESIGNATION	W (lb)	L (in)	B (in)	H (in)	NOTES	DETAIL
A-1	4900	192	96	96		1
A-2	500	72	26	40		1
B-1	5750	192	96	102		2
B-2	500	72	26	40		2
C-1	5750	192	96	102		2
C-2	500	72	26	40		2
D-1	5750	192	96	102		2
D-2	500	72	26	40		2
E-1	5750	192	96	102		2
E-2	500	72	26	40		2
F-1	5750	192	96	102		2
F-2	500	72	26	40		2
G-1	5750	192	96	102		2
G-2	500	72	26	40		2
H-1	5750	192	96	102		2
H-2	500	72	26	40		2
I-1	5750	192	96	102		2
I-2	500	72	26	40		2
J-1	9700	220	177	121		3
J-2	1200	84	33	46		3
K-1	4900	192	96	96		1
K-2	500	72	26	40		1
L-1	5750	192	96	102		2
L-2	500	72	26	40		2
M-1	4900	192	96	96		1
M-2	500	72	26	40		1
N-1	5750	192	96	102		1
N-2	5750	192	96	102		1 SIM.
N-3	1200	84	33	46		1
N-4	1200	84	33	46		1 SIM.
O-1	4900	192	96	96		1
O-2	4900	192	96	96		1
O-3	500	72	26	40		1
O-4	500	72	26	40		1

NOTE: NOTIFY ENGINEER IF UNIT WEIGHTS, SIZE, OR LOCATIONS VARY FROM THAT SHOWN.

9 — MECHANICAL UNIT ANCHORAGE SCHEDULE

NO SCALE



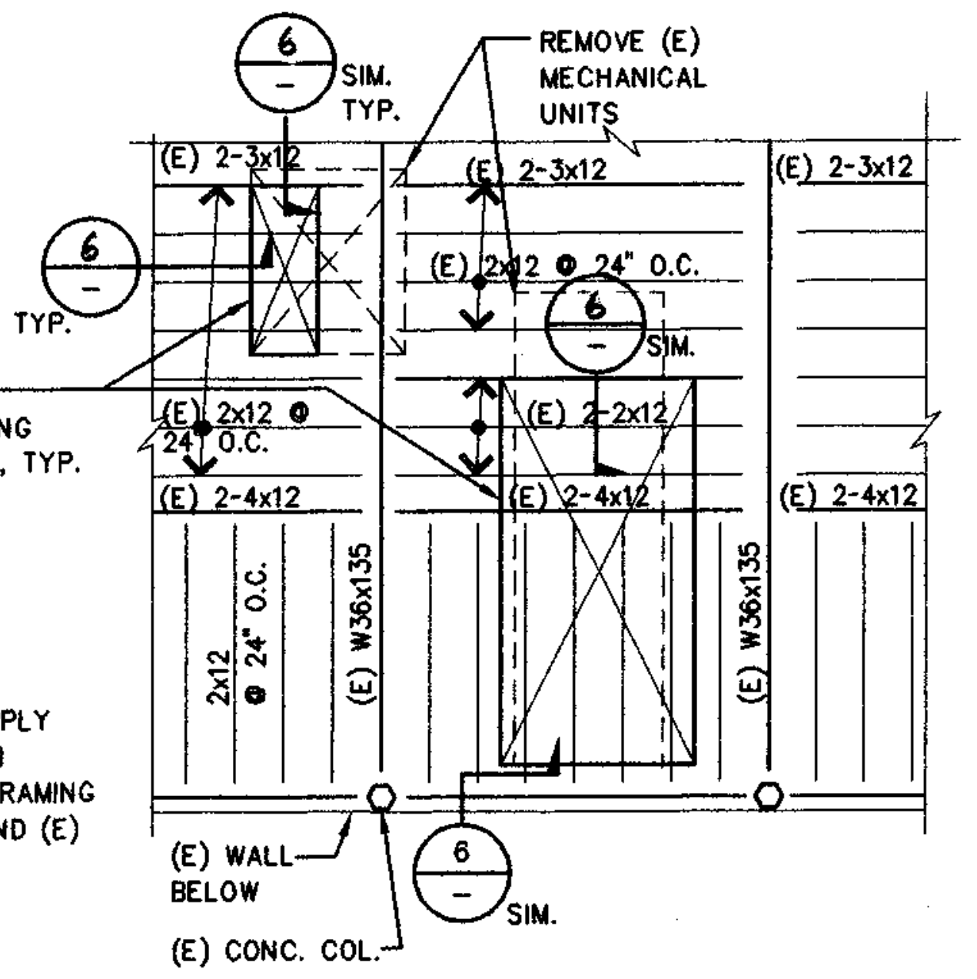
SOLID LINES REPRESENT (N) AHU AND (N) BOILERS, TYP.

PLAN NOTES:

1. SEE GENERAL NOTES ON SHEET S1.0 AND TYPICAL DETAILS DETAILS ON SHEET S4.1
2. ▨ DENOTES APPROXIMATE LOCATION OF (N) MECHANICAL UNITS TO BE MOUNTED ON (E) ROOF.
3. MECHANICAL UNIT LOCATIONS SHOWN FOR REFERENCE ONLY. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF (N) UNITS.
4. (N) MECHANICAL UNITS TO REPLACE EXISTING UNITS. MANUFACTURER SHALL PROVIDE NEW CURB TO SUPPORT NEW UNIT WITH PLAN DIMENSIONS EQUAL TO EXISTING CURB.
5. SEE SCHEDULE FOR WEIGHTS AND DIMENSIONS OF MECHANICAL UNITS THIS SHEET.

20 — MECHANICAL UNIT PLAN

NTS

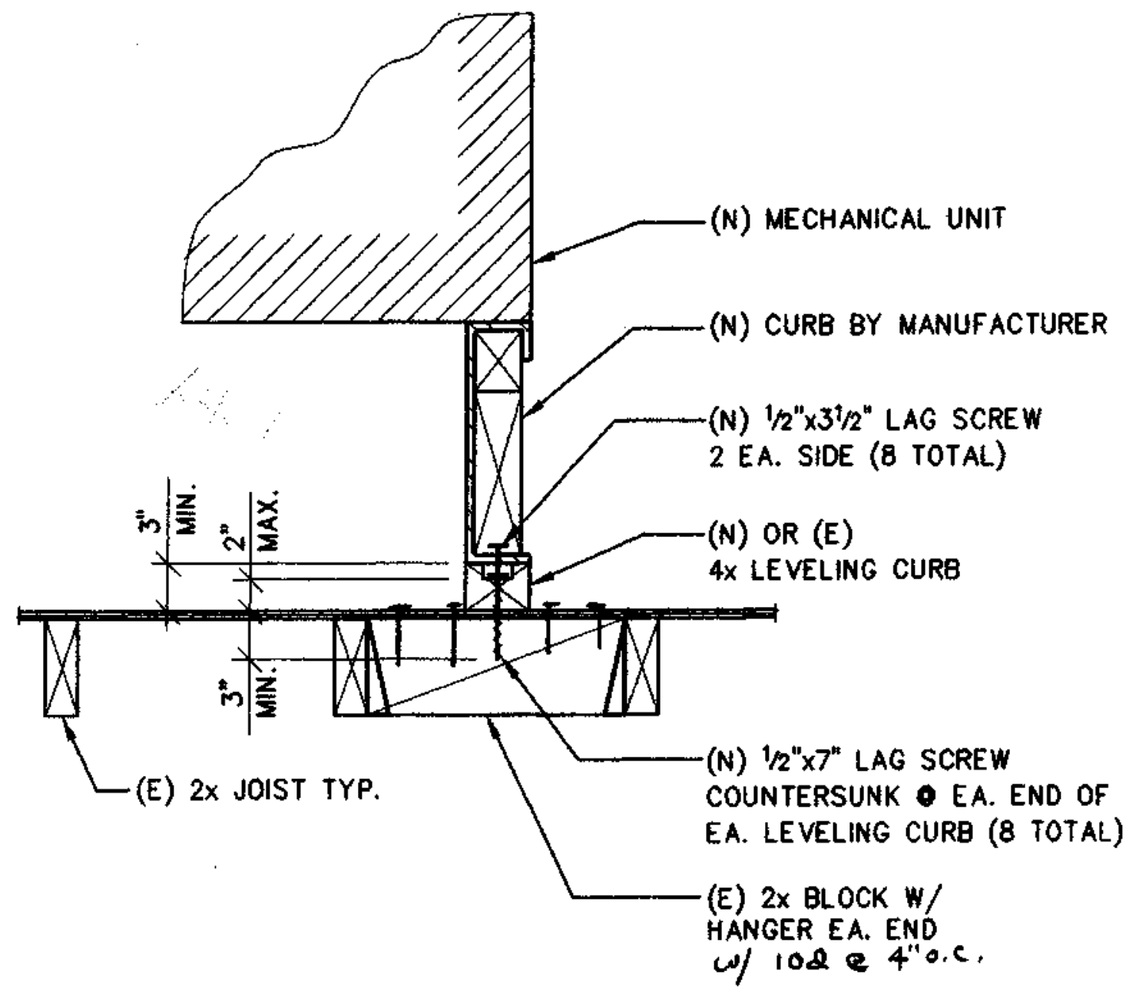


(N) MECHANICAL UNITS CURB w/ (E) 2x BLOCKING OR WALL BELOW CURBS, TYP. SEE PLAN FOR LOCATION

NOTE:
MANUFACTURER TO SUPPLY CUSTOM CURB TO ALIGN OVER (E) PONY WALL FRAMING TO MATCH (E) UNITS AND (E) CURB LAYOUT.

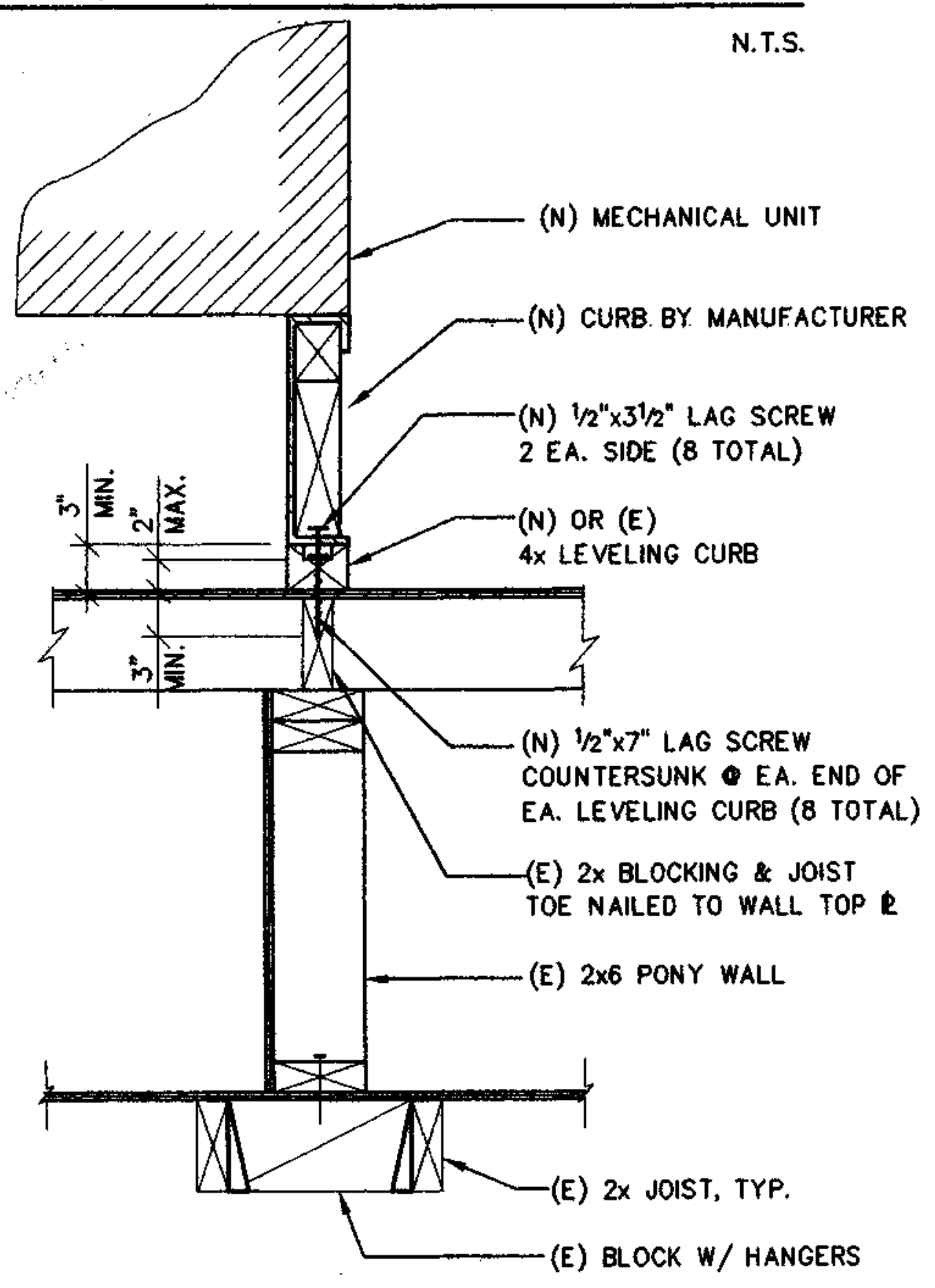
5 — MECHANICAL UNIT LAYOUT- PLATFORM PLAN
POD N

1/8"=1'-0'


(N) MECHANICAL UNIT
(N) CURB BY MANUFACTURER
(N) ½"x3½" LAG SCREW 2 EA. SIDE (8 TOTAL)
(N) OR (E) 4x LEVELING CURB
3" MIN.
2" MAX.
3" MIN.
(E) 2x JOIST TYP.
(N) ½"x7" LAG SCREW COUNTERSUNK @ EA. END OF EA. LEVELING CURB (8 TOTAL)
(E) 2x BLOCK W/ HANGER EA. END
w/ 10d @ 4" o.c.

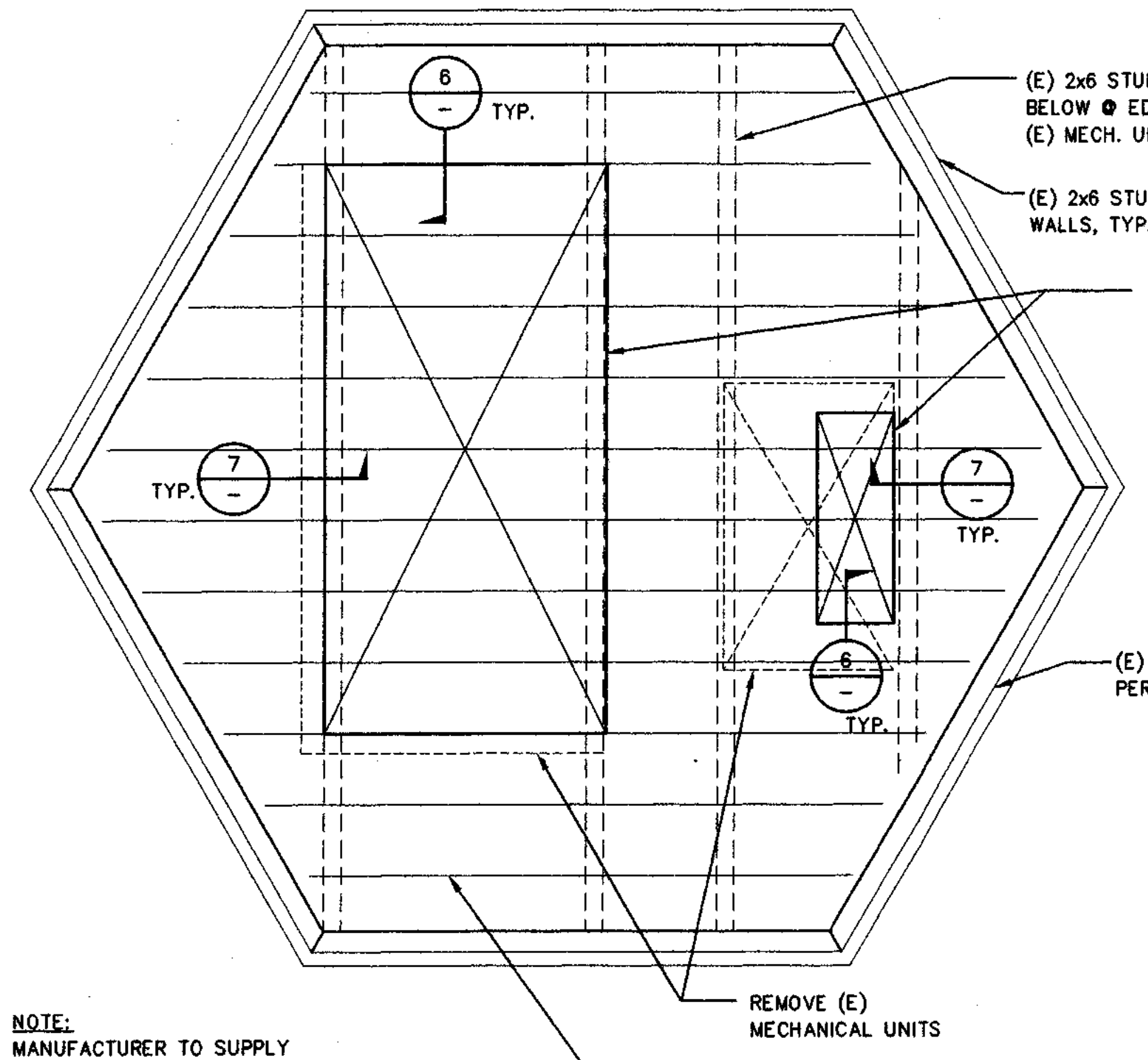
6 — MECHANICAL UNIT ANCHORAGE

N.T.S.


(N) MECHANICAL UNIT
(N) CURB BY MANUFACTURER
(N) ½"x3½" LAG SCREW 2 EA. SIDE (8 TOTAL)
(N) OR (E) 4x LEVELING CURB
3" MIN.
2" MAX.
3" MIN.
(N) ½"x7" LAG SCREW COUNTERSUNK @ EA. END OF EA. LEVELING CURB (8 TOTAL)
(E) 2x BLOCKING & JOIST TOE NAILED TO WALL TOP ℓ
(E) 2x6 PONY WALL
(E) 2x JOIST, TYP.
(E) BLOCK W/ HANGERS

7 — MECHANICAL UNIT ANCHORAGE

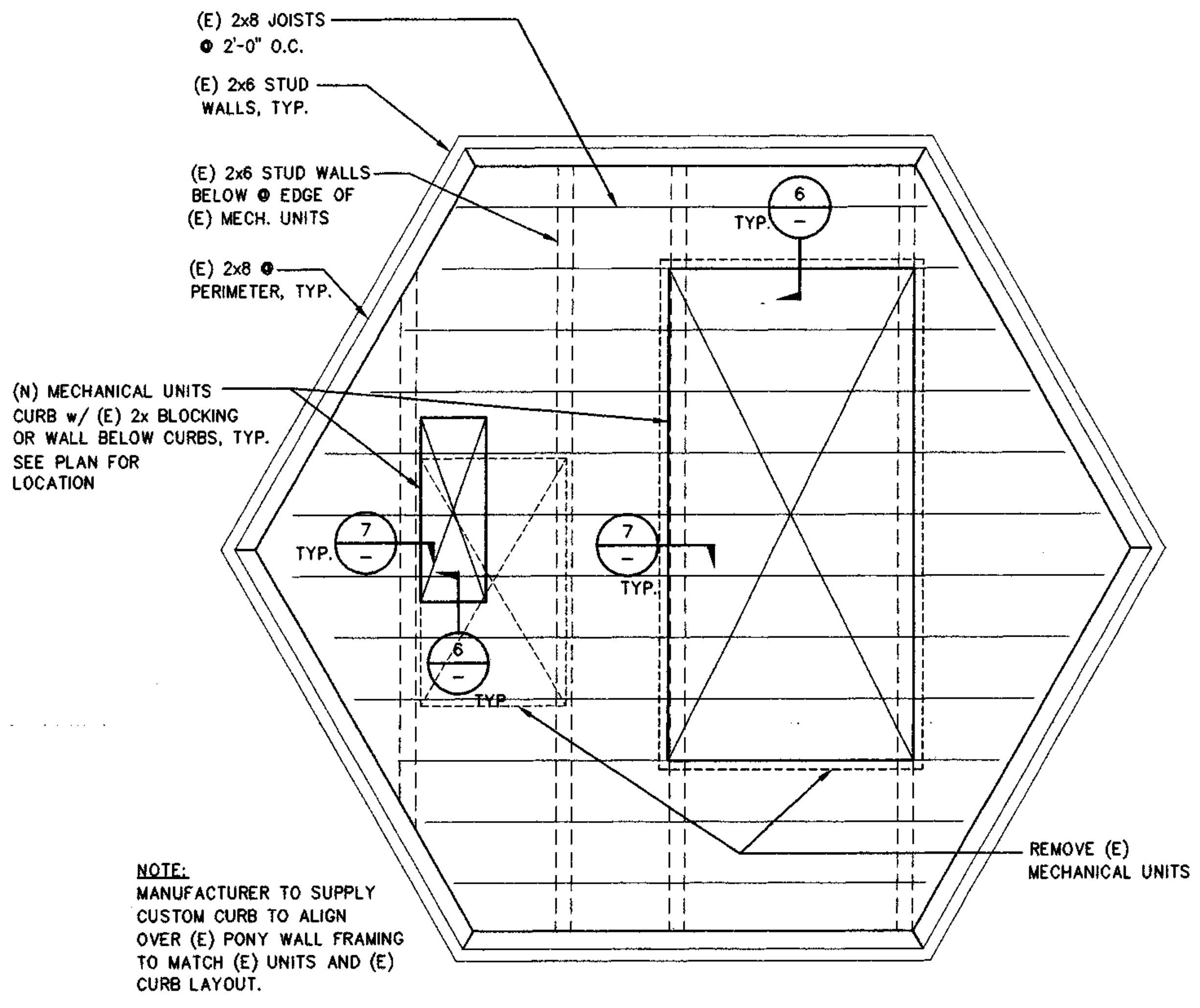
N.T.S.


6
TYP.
(E) 2x6 STUD WALLS BELOW @ EDGE OF (E) MECH. UNITS
(E) 2x6 STUD WALLS, TYP.
(N) MECHANICAL UNITS CURB w/ (E) 2x BLOCKING OR WALL BELOW CURBS, TYP. SEE PLAN FOR LOCATION
7
TYP.
7
TYP.
6
TYP.
(E) 2x8 @ PERIMETER, TYP.
REMOVE (E) MECHANICAL UNITS
(E) 2x8 JOISTS @ 2'-0" O.C.

NOTE:
MANUFACTURER TO SUPPLY CUSTOM CURB TO ALIGN OVER (E) PONY WALL FRAMING TO MATCH (E) UNITS AND (E) CURB LAYOUT.

1 — MECHANICAL UNIT LAYOUT- PLATFORM PLAN
PODS A, K, M, 01, 02

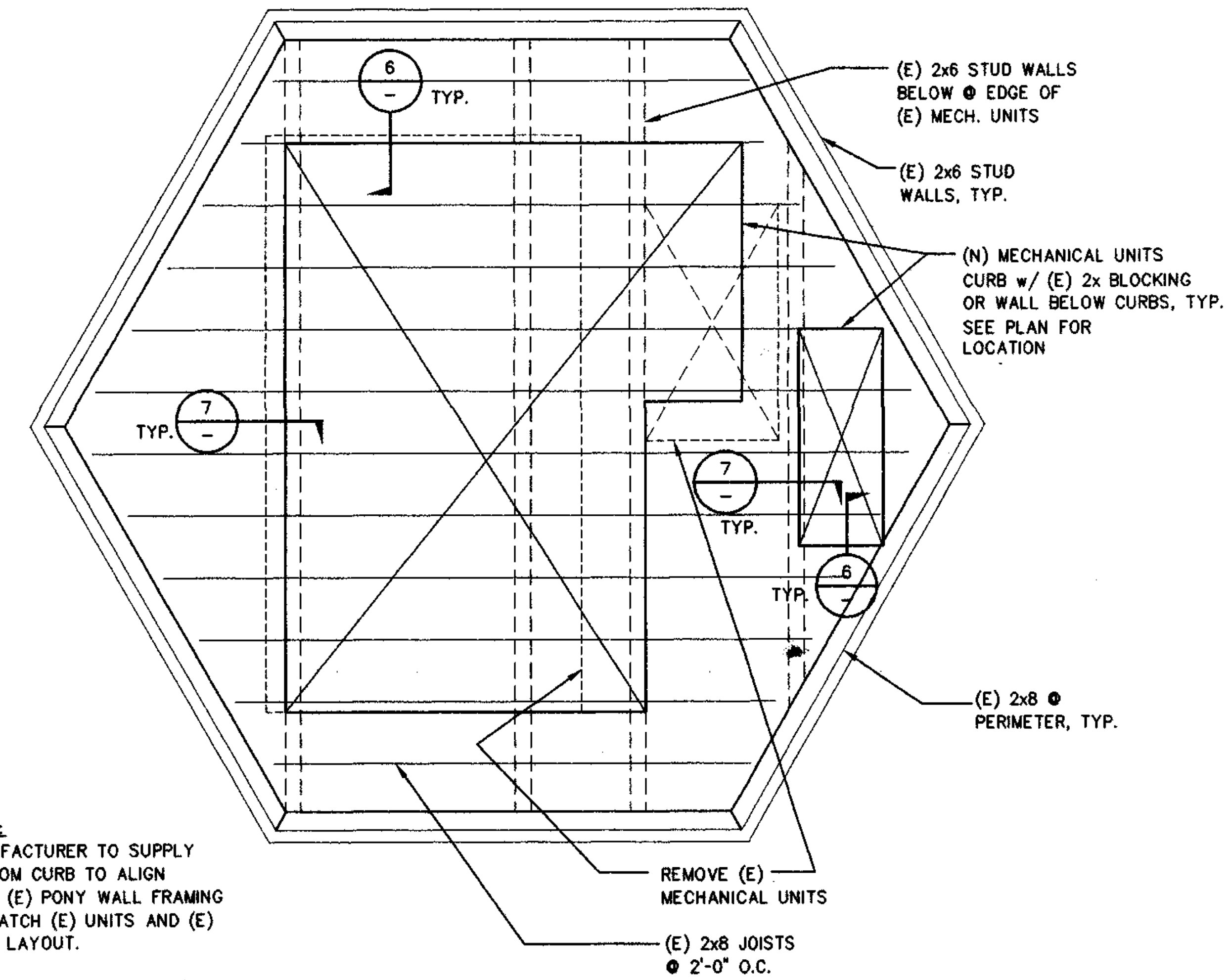
1/4"=1'-0"


(E) 2x8 JOISTS @ 2'-0" O.C.
(E) 2x6 STUD WALLS, TYP.
(E) 2x6 STUD WALLS BELOW @ EDGE OF (E) MECH. UNITS
(E) 2x8 @ PERIMETER, TYP.
6
TYP.
(N) MECHANICAL UNITS CURB w/ (E) 2x BLOCKING OR WALL BELOW CURBS, TYP. SEE PLAN FOR LOCATION
7
TYP.
7
TYP.
6
TYP.
REMOVE (E) MECHANICAL UNITS

NOTE:
MANUFACTURER TO SUPPLY CUSTOM CURB TO ALIGN OVER (E) PONY WALL FRAMING TO MATCH (E) UNITS AND (E) CURB LAYOUT.

2 — MECHANICAL UNIT LAYOUT- PLATFORM PLAN
PODS B, C, D, E, F, G, H, I, L, N

1/4"=1'-0"


6
TYP.
(E) 2x6 STUD WALLS BELOW @ EDGE OF (E) MECH. UNITS
(E) 2x6 STUD WALLS, TYP.
(N) MECHANICAL UNITS CURB w/ (E) 2x BLOCKING OR WALL BELOW CURBS, TYP. SEE PLAN FOR LOCATION
7
TYP.
7
TYP.
6
TYP.
(E) 2x8 @ PERIMETER, TYP.
REMOVE (E) MECHANICAL UNITS
(E) 2x8 JOISTS @ 2'-0" O.C.

NOTE:
MANUFACTURER TO SUPPLY CUSTOM CURB TO ALIGN OVER (E) PONY WALL FRAMING TO MATCH (E) UNITS AND (E) CURB LAYOUT.

3 — MECHANICAL UNIT LAYOUT- PLATFORM PLAN
POD J

1/4"=1'-0"

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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01-101836
AC ✓ FLS ✓ SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

MECHANICAL UNIT PARTIAL PLANS AND DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY: JQS/MTC CHECKED BY: JKW

S6.1

JOB NO: 99041B OF SHEETS

FILE: E:\99b208\VBN\BOWDITCH\STRUCT\208S61-BW.dwg11/08/99 at 14:56
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XREF: E:\99b208\BOWDITCH\ARCH\x-ROOF.dwg

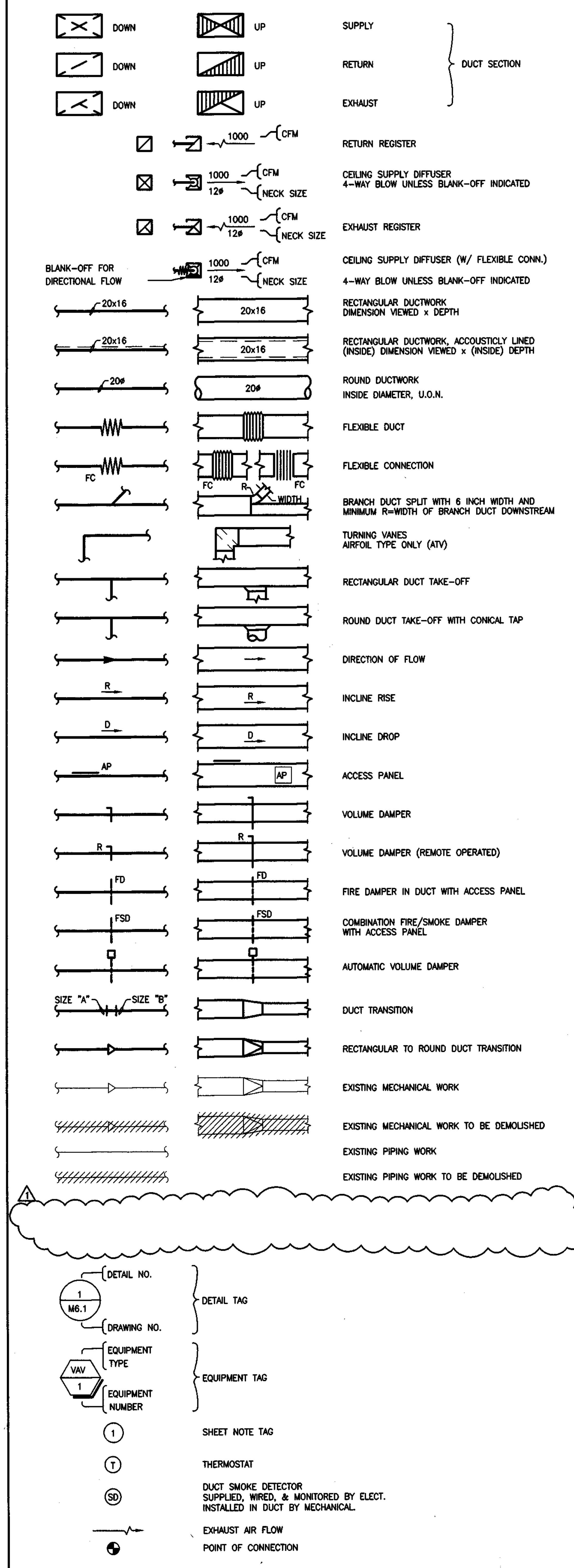
GENERAL MECHANICAL NOTES

1. ALL WORK TO BE PERFORMED UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
2. ORDINANCES AND REGULATIONS: ALL WORK SHALL CONFORM TO APPLICABLE REQUIREMENTS OF LEGAL AUTHORITIES HAVING JURISDICTION. ORDINANCES SHALL GOVERN OVER DRAWINGS UNLESS THE DRAWINGS REQUIRE HIGHER STANDARDS OR LARGER SIZES.
3. CODES AND STANDARDS: WORK SHALL BE PERFORMED IN COMPLIANCE WITH LATEST EDITION OF THE FOLLOWING REFERENCED CODES AND STANDARDS AS AMENDED TO THE DATE OF THIS DRAWING.
   - A. CALIFORNIA MECHANICAL CODE (CMC).
   - B. CALIFORNIA BUILDING CODE (CBC).
   - C. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
   - D. CALIFORNIA ADMINISTRATIVE CODE.
   - E. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
   - F. DIVISION OF THE STATE ARCHITECT (DSA).
   - G. OFFICE OF STATE FIRE MARSHAL.
   - H. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
   - I. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
   - J. UNDERWRITER'S LABORATORY (UL).
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS DETAILED IN THESE NOTES.
5. COORDINATE THE LOCATION OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM ELEVATIONS. IF A QUESTION ARISES AS TO THE LOCATION OF ANY AIR DISTRIBUTION DEVICE, COORDINATE LOCATION WITH THE THE DESIGN ENGINEER.
6. PRIOR TO COMMENCING ANY WORK, EXAMINE THE SITE IN DETAIL, THROUGHLY REVIEW ALL PLANS, SPECIFICATIONS AND ANY OTHER DATA SUPPLIED BY THE OWNER. VERIFY ALL CONDITIONS AND DIMENSIONS. ANY DISCREPENCY OR INCONSISTENCY SHALL BE REPORTED TO THE ENGINEER.
7. RESOLVE CONFLICTS ON THE DRAWINGS AND/OR THE SPECIFICATIONS WITH THE ENGINEER PRIOR TO SUBMITTING BID OR COMMENCING WORK.
8. COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION OF WORK.
9. COORDINATE THE LOCATION OF ALL ROOF OPENINGS, AND EQUIPMENT LOCATIONS WITH THE ARCHITECTURAL AND STRUCTURAL PLANS, PRIOR TO ANY INSTALLATION.
10. SUPPORT DUCTS AND PIPING PER LATEST EDITION OF SMACNA GUIDELINES FOR SEISMIC RETRAINTS OR AS PER LATEST EDITION OF THE NATIONAL UNIFORM SEISMIC INSTALLATION GUIDELINE (NUSIG) MANUAL.
11. ALL CEILING PENETRATIONS HAVE (E) FIRE DAMPERS, INSPECT ALL FD'S AND REPAIR IF REQUIRED. SUBMIT UNIT PRICE FOR REPAIR OF FD'S. (POD'S C THRU O)

HVAC ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BDD	BACKDRAFT DAMPER
BFF	BELOW FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
C	CLOSED
CAP	CAPACITY
CFM	CUBIC FEET PER MINUTE
CONN	CONNECTION
CONC	CONCRETE
DN	DOWN
DWG	DRAWING
ø	DIAMETER, PHASE
(E)	EXISTING
EA	EACH
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EFF(%)	EFFICIENCY(PERCENT)
ELEC./ELECT.	ELECTRICAL
EXH	EXHAUST
E.A.	EXHAUST AIR
°F	FAHRENHEIT IN DEGREES
FC	FLEXIBLE CONNECTION, FORWARD CURVE
FD	FIRE DAMPER, FLOOR DRAIN
FLR	FLOOR
FT^2	SQUARE FEET
GA	GAUGE
GALV	GALVANIZED
HP	HORSEPOWER, HEAT PUMP
ID	INSIDE DIAMETER
IN	INCH
LBS	POUNDS
MAX	MAXIMUM
MBH	1000 BTUS PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MECH/MECH'L	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
(N)	NEW
NC	NORMALLY CLOSED, NOISE CRITERIA
NFA	NET FREE AREA
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
O	OPEN, FLAT OVAL DUCT
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPER	OPERATING
POC	POINT OF CONNECTION
PSIG	POUNDS PER SQUARE INCH GAUGE
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
REQ'D.	REQUIRED
SA	SUPPLY AIR
SM	SHEET METAL
SP	STATIC PRESSURE
SQ	SQUARE
TC	TOTAL COOLING CAPACITY (MBH)
TCP	TEMPERATURE CONTROL PANEL
TEF	TOILET EXHAUST FAN
TEMP	TEMPERATURE
TYP	TYPICAL
VEL	VELOCITY
VOL	VOLUME
WMS	WIRE MESH SCREEN
WT	WEIGHT
WxH	WIDTH x HEIGHT
WxHxD	WIDTH x HEIGHT x DEPTH
WxL	WIDTH x LENGTH
(x#)	TYPICAL OF #
DIR	DIRECT
DR	DRIVE
FIX	FIXED
FSD	FIRE/SMOKE DAMPER
SHV	SHEAVE

HVAC LEGEND



SUPPLY
RETURN
EXHAUST
RETURN REGISTER
CEILING SUPPLY DIFFUSER
4-WAY BLOW UNLESS BLANK-OFF INDICATED
EXHAUST REGISTER
CEILING SUPPLY DIFFUSER (W/ FLEXIBLE CONN.)
4-WAY BLOW UNLESS BLANK-OFF INDICATED
RECTANGULAR DUCTWORK
DIMENSION VIEWED x DEPTH
RECTANGULAR DUCTWORK, ACCOUSTICLY LINED
(INSIDE) DIMENSION VIEWED x (INSIDE) DEPTH
ROUND DUCTWORK
INSIDE DIAMETER, U.O.N.
FLEXIBLE DUCT
FLEXIBLE CONNECTION
BRANCH DUCT SPLIT WITH 6 INCH WIDTH AND
MINIMUM R=WIDTH OF BRANCH DUCT DOWNSTREAM
TURNING VANES
AIRFOIL TYPE ONLY (ATV)
RECTANGULAR DUCT TAKE-OFF
ROUND DUCT TAKE-OFF WITH CONICAL TAP
DIRECTION OF FLOW
INCLINE RISE
INCLINE DROP
ACCESS PANEL
VOLUME DAMPER
VOLUME DAMPER (REMOTE OPERATED)
FIRE DAMPER IN DUCT WITH ACCESS PANEL
COMBINATION FIRE/SMOKE DAMPER
WITH ACCESS PANEL
AUTOMATIC VOLUME DAMPER
DUCT TRANSITION
RECTANGULAR TO ROUND DUCT TRANSITION
EXISTING MECHANICAL WORK
EXISTING MECHANICAL WORK TO BE DEMOLISHED
EXISTING PIPING WORK
EXISTING PIPING WORK TO BE DEMOLISHED
DETAIL TAG
EQUIPMENT TAG
SHEET NOTE TAG
THERMOSTAT
DUCT SMOKE DETECTOR
SUPPLIED, WIRED, & MONITORED BY ELECT.
INSTALLED IN DUCT BY MECHANICAL.
EXHAUST AIR FLOW
POINT OF CONNECTION

DRAWING INDEX

CODE	DESCRIPTION
MO.1	LEGEND, ABBREVIATION & SYMBOLS
M0.2	EQUIPMENT SCHEDULES
M1.1	DEMOLITION FLOOR PLANS, PODS A & B
M1.2	DEMOLITION FLOOR PLANS, PODS C & D
M1.3	DEMOLITION FLOOR PLANS, PODS E & F
M1.4	DEMOLITION FLOOR PLANS, PODS G & H
M1.5	DEMOLITION FLOOR PLANS, PODS I & J
M1.6	DEMOLITION FLOOR PLANS, PODS K & L
M1.7	DEMOLITION FLOOR PLANS, PODS M & N
M1.8	DEMOLITION FLOOR PLANS, POD O
M2.1	NEW FLOOR PLANS, PODS A & B
M2.2	NEW FLOOR PLANS, PODS C & D
M2.3	NEW FLOOR PLANS, PODS E & F
M2.4	NEW FLOOR PLANS, PODS G & H
M2.5	NEW FLOOR PLANS, PODS I & J
M2.6	NEW FLOOR PLANS, PODS K & L
M2.7	NEW FLOOR PLANS, PODS M & N
M2.8	NEW FLOOR PLANS, PODS O
M6.1	DETAILS
M6.2	DETAILS
M7.1	TEMPERATURE CONTROL DIAGRAM
M7.2	TEMPERATURE CONTROL DIAGRAM

SCHOOL EQUIPMENT ANCHORAGE

IN ACCORDANCE WITH TITLE 24, SECTION 1601A.1 AND TABLE NO. 16-0, DETAILS SHALL BE PROVIDED FOR THE SEISMIC ANCHORAGE OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT. ANCHORAGE DETAILS SHALL BE BASED UPON APPROPRIATE DESIGN CALCULATIONS.

FOR EQUIPMENT WEIGHING 400 POUNDS OR MORE ANCHORAGE DETAILS AND APPROPRIATE DESIGN CALCULATIONS SHALL BE SUBMITTED AS PART OF THE MECHANICAL AND ELECTRICAL DRAWING. "DEFERRED APPROVAL" ITEMS WILL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE PLAN CHECK SUPERVISOR.

> EXCEPTION: ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400 POUNDS AND SUPPORTED DIRECTLY ON THE FLOOR OR ROOF STRUCTURE, FURNITURE, OR TEMPORARY OR MOVABLE EQUIPMENT AND EQUIPMENT WEIGHING LESS THAN 20 POUNDS THAT IS SUPPORTED BY VIBRATION ISOLATION DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR, NEED NOT BE DETAILED ON THE PLANS. REFER TO THE FOLLOWING FOR ANCHORAGE REQUIREMENTS.

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	30% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	40% OF OPERATING WEIGHT

SIMULTANEOUS VERTICAL FORCE – USE 1/3 X HORIZONTAL FORCE.

FOR FLEXIBLY MOUNTED EQUIPMENT SEE TITLE 24, SECTION 1632A.2.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.

REFER TO SMACNA GUIDELINES FOR PIPE AND DUCT SUPPORT.

NOTICE

THIS TABLE HAS BEEN PREPARED FOR AN IMPORTANCE FACTOR OF I = 1.0 AND FOR SEISMIC ZONE 4. MAKE APPROPRIATE ADJUSTMENT FOR ANY OTHER VALUES.

MANDATORY MEASURES TITLE 24 NOTES

MANDATORY MEASURES REQUIRED BY THE CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 1, ARTICLE 1.-ENERGY BUILDING REGULATIONS, SUBCHAPTER 2.

- A. PIPE AND DUCT INSULATION AND CONSTRUCTION SHALL CONFORM TO SECTIONS 123 AND 124.
- B. ALL HVAC AND PLUMBING EQUIPMENT SHALL BE CERTIFIED PER SECTION 111.
- C. ALL HVAC EQUIPMENT SHALL HAVE MINIMUM EFFICIENCIES PER SECTION 112.
- D. ALL HVAC EQUIPMENT SHALL HAVE AUTOMATIC CONTROLS PER SECTION 122.
- E. VENTILATION SHALL BE PROVIDED PER SECTION 121.
- F. ALL GAS APPLIIANCES SHALL HAVE PILOTLESS IGNITION PER SECTION 115.
- G. DOMESTIC HOT WATER HEATERS SHALL BE PROVIDED PER SECTION 113.

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- ☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP 12/31/05

ARCHITECT'S STAMP

LEVI F. MAL No. M26141 Ren. 6/30/05 MECHANICAL

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
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FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
APPL NO 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

LEGEND
ABBREVIATIONS &
GENERAL NOTES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

DRAWN BY: CHECKED BY:

M0.1

JOB NO: 99041B OF SHEETS

ROOFTOP MULTIZONE VARIABLE AIR VOLUME UNIT SCHEDULE

UNIT TAG	AC/A (E)	AC/B (N)	AC/C (N)	AC/D (E)	AC/E (E)	AC/F (E)	AC/G (E)	AC/H (N)	AC/I (E)	AC/J (N)	AC/K (E)	AC/L (N)
MANUFACTURER/UNIT MODEL NO.	SEASONS 4 6MJB22-0162-DN2.5-05SE	SEASONS 4 6MJB22-0162-DN2.5-06SE	SEASONS 4 6MJB22-0112-DN2.5-04SE	SEASONS 4 6MJB22-0222-DN2.5-09SE	SEASONS 4 6MJB22-0162-DN2.5-09SE	SEASONS 4 6MJB22-0222-DN2.5-09SE	SEASONS 4 6MJB22-0232-DN4.0-10SE	SEASONS 4 6MJB22-0222-DN2.5-09SE	SEASONS 4 6MJB22-0222-DN2.5-09SE	SEASONS 4 6MJB22-0222-DN4.0-12SE	SEASONS 4 6MJB22-0162-DN2.5-06SE	SEASONS 4 6MJB22-0172-DN4.0-06SE
SUPPLY FAN CFM/EXT STATIC PRESSURE	5,300/1.00	6,400/1.00	5,300/1.00	9,250/1.00	9,210/1.00	9,250/1.00	10,250/1.00	9,210/1.00	9,250/1.00	12,000/1.00	5,525/1.00	6,200/1.00
TOTAL CAPACITY / SENSIBLE CAPACITY MBH AT A.R.I. STD. CONDITIONS	191.8/154.3	191.8/154.3	140.0/154.3	268.4/240.5	268.3/239.9	268.4/240.5	281.5/281.5	268.3/239.9	268.4/240.5	270.6/241.1	193.4/158.1	211.4/211.4
OUTDOOR AIR CFM	1,320-5,300	1600-6,400	930-3,740	2,325-9,250	2,320-9,210	2,325-9,250	6,850-10,250	2,320-9,210	2,325-9,250	1800-12,000	1,400-5,525	3,860-6,200
GAS INPUT/OUTPUT, MBH	250/200	250/200	250/200	250/200	250/200	250/200	400/320	250/200	250/200	400/320	250/200	400/320
GAS STAGING	2	2	2	2	2	2	2	2	2	2	2	2
MIN/MAX GAS PRESSURE	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"
FILTERS TYPE/EFF/NUMBER/SIZE/TOTAL FACE AREA	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/12/16X20/26.7	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/12/16X20/26.7	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2
SUPPLY FAN TYPE/ESP/RPM/BHP/MOTOR HP/DRIVE	AF SWSI/1.0/1,362/3.2/5.0/FIX. SHV.	AF SWSI/1.0/1,203/3.6/5.0/FIX. SHV.	AF SWSI/1.0/1,438/2.3/3.0/FIX. SHV.	AF SWSI/1.0/1,461/6.1/7.5/FIX. SHV.	AF SWSI/1.0/1,458/6.1/7.5/FIX. SHV.	AF SWSI/1.0/1,461/6.1/7.5/FIX. SHV.	AF SWSI/1.0/1,261/6.1/7.5/FIX. SHV.	AF SWSI/1.0/1,458/6.1/7.5/FIX. SHV.	AF SWSI/1.0/1,461/6.1/7.5/FIX. SHV.	AF SWSI/1.0/1,371/7.5/10.0/FIX. SHV.	AF SWSI/1.0/1,381/3.4/5.0/FIX. SHV.	AF SWSI/1.0/1,190/3.5/5.0/FIX. SHV.
EXHAUST FAN TYPE/TSP/RPM/CFM/MOTOR HP/DRIVE	PROP/0.48/850/3,920/1.0/DIR. DR.	PROP/0.42/850/4,810/1.0/DIR. DR.	PROP/0.54/850/2,810/1.0/DIR. DR.	PROP/0.34/1,140/6,925/1.0/DIR. DR.	PROP/0.34/1,140/6,890/1.0/DIR. DR.	PROP/0.34/1,140/6,925/1.0/DIR. DR.	PROP/0.51/850/3,400/1.0/DIR. DR.	PROP/0.34/1,140/6,890/1.0/DIR. DR.	PROP/0.51/850/3,400/1.0/DIR. DR.	PROP/0.37/850/10,200/1.5/DIR. DR.	PROP/0.46/850/4,125/1.0/DIRECT DR.	PROP/0.57/850/2,340/1.0/DIRECT DR.
CONDENSER FAN TYPE/DIA/RPM/QTY/HORSEPOWER	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5
CONDENSER COIL SQ. FT./ROWS/FPI	22.2/4/10	22.2/4/10	22.2/4/10	22.2/6/10	22.2/6/10	22.2/6/10	25.0/6/10	22.2/6/10	22.2/6/10	25.0/6/10	22.2/4/10	22.2/4/10
COMPRESSOR TYPE/NUMBER/STAGES OF CAP	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2
EVAPORATOR COIL SQ. FT./ROWS/FPI	10.9/6/10	17.0/6/10	8.5/6/10	17.0/6/10	17.0/6/10	17.0/6/10	19.4/4/10	17.0/6/10	17.0/6/10	21.9/4/10	10.9/6/10	17.0/6/10
EVAPORATOR COIL AIR EDB/EWB/LDB/LWB	79.9/64.0/54.4/53.2	79.8/64.0/53.1/51.5	79.8/64.0/53.1/51.5	79.9/64.0/56.0/54.2	79.9/64.0/56.0/54.2	79.9/64.0/56.0/54.2	88.2/65.7/63.0/56.7	79.9/64.0/56.0/54.2	79.9/64.0/56.0/54.2	77.9/63.6/59.5/56.1	79.9/64.0/53.7/52.0	87.3/65.5/56.0/54.0
OVERALL ELECTRICAL REQUIREMENTS V/PH/MCA/MOCP	460/3/60/70	460/3/60/70	460/3/42/50	460/3/69/80	460/3/69/80	460/3/69/80	460/3/69/80	460/3/69/80	460/3/69/80	460/3/73/90	460/3/60/70	460/3/60/70
REFRIGERANT	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
WEIGHT (POUNDS)	5,050	5,450	4,750	5,450	5,450	5,450	5,650	5,450	5,450	5,650	5,050	5,450

NOTES: APPLIES TO ALL ROOFPTOP MULTIZONE VAV UNITS.

① PROVIDE AUTOMATIC FAN SHUT-DOWN UPON DETECTION OF SMOKE. REFER TO DWG. M7.1

ROOFTOP MULTIZONE VARIABLE AIR VOLUME UNIT SCHEDULE

UNIT TAG	AC/M (N)	AC/N-1 (N)	AC/N-2 (N)	AC/O-1 (E)	AC/O-2 (E)	
MANUFACTURER/UNIT MODEL NO.	SEASONS 4 6MJB22-0122-DN2.5-05SE	SEASONS 4 6MJB22-0222-DN2.5-08SE	SEASONS 4 6MJB22-0222-DN2.5-08SE	SEASONS 4 6MJB22-0242-DN4.0-11SE	SEASONS 4 6MJB22-0242-DN4.0-11SE	
SUPPLY FAN CFM/EXT STATIC PRESSURE	4,510/1.00	8,000/1.00	8,000/1.00	11,100/1.00	11,100/1.00	
TOTAL CAPACITY / SENSIBLE CAPACITY MBH AT A.R.I. STD. CONDITIONS	147.2/134.5	267.1/247.2	267.1/247.2	288.5/288.5	288.5/288.5	
OUTDOOR AIR CFM	1,870-4,510	3,600-8,000	3,600-8,000	7,325-11,100	7,325-11,100	
GAS INPUT/OUTPUT, MBH	250/200	250/200	250/200	400/320	400/320	
GAS STAGING	2	2	2	2	2	
MIN/MAX GAS PRESSURE	7"/14"	7"/14"	7"/14"	7"/14"	7"/14"	
FILTERS TYPE/NUMBER/SIZE/TOTAL FACE AREA	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/10/16X20/22.2	2" PLEATED/35%/12/16X20/26.7	2" PLEATED/35%/12/16X20/26.7	
SUPPLY FAN TYPE/ESP/RPM/BHP/MOTOR HP/DRIVE	AF SWSI/1.0/1,362/3.2/5.0/FIX. SHV.	AF SWSI/1.0/1,340/4.9/7.5/FIX. SHV.	AF SWSI/1.0/1,340/4.9/7.5/FIX. SHV.	AF SWSI/1.0/1,313/6.8/7.5/FIX. SHV.	AF SWSI/1.0/1,313/6.8/7.5/FIX. SHV.	
EXHAUST FAN TYPE/TSP/RPM/CFM/MOTOR HP/DRIVE	PROP/0.48/850/3,920/1.0/DIRECT DR.	PROP/0.44/850/4,400/1.0/DIR. DR.	PROP/0.44/850/4,400/1.0/DIR. DR.	PROP/0.49/850/3,775/1.0/DIRECT DR.	PROP/0.49/850/3,775/1.0/DIRECT DR.	
CONDENSER FAN TYPE/DIA/RPM/QTY/HORSEPOWER	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	PROP/30"/1,140/2/1.5	
CONDENSER COIL SQ. FT./ROWS/FPI	22.2/4/10	22.2/6/10	22.2/6/10	25.0/6/10	25.0/6/10	
COMPRESSOR TYPE/NUMBER/STAGES OF CAP	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	SCROLL/2/2	
EVAPORATOR COIL SQ. FT./ROWS/FPI	8.5/6/10	17.0/6/10	17.0/6/10	21.9/4/10	21.9/4/10	
EVAPORATOR COIL AIR EDB/EWB/LDB/LWB	83.1/64.7/55.7/53.7	83.8/64.8/55.4/53.5	83.8/64.8/55.4/53.5	88.0/65.6/64.2/57.2	88.0/65.6/64.2/57.2	
OVERALL ELECTRICAL REQUIREMENTS V/PH/MCA/MOCP	460/3/44/50	460/3/64/80	460/3/64/80	460/3/64/80	460/3/64/80	
REFRIGERANT	R-22	R-22	R-22	R-22	R-22	
WEIGHT (POUNDS)	4,750	5,450	5,450	5,650	5,650	

NOTES: APPLIES TO ALL ROOFPTOP MULTIZONE VAV UNITS.

① PROVIDE AUTOMATIC FAN SHUT-DOWN UPON DETECTION OF SMOKE. REFER TO DWG. M7.1

GRILLE/REGISTER SCHEDULE

TAG	SERVICE	NECK SIZE (IN)	MAX. NC LEVEL	MODULE SIZE (L"xW")	BORDER TYPE	FINISH	REMARKS
A	SUPPLY AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL SH/OBDFA DOUBLE DEFLECTION, HEAVY DUTY
B	RETURN AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL 1900, (8) 3/4" SLOTS, LINEAR RETURN GRILLE ②
C	SUPPLY AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL 1900, (8) 3/4" SLOTS, LINEAR SUPPLY GRILLE ②
D	SUPPLY AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL 4880H W/ OBD HEAVY DUTY SUPPLY REGISTER
E	EXHAUST AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL EGC5 W/OBD EGGCRATE GRILLE
F	RETURN AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL 1190 W/ OBD PERF. CEILING RETURN GRILLE
G	RETURN AIR	AS SHOWN	30	①	①	#44 OFF-WHITE	KRUEGER MODEL S480 W/ OBD HEAVY DUTY RETURN GRILLE
H	SUPPLY AIR	AS SHOWN	30			#44 OFF-WHITE	KRUEGER MODEL 5SH W/ OBD LOUVERED TYPE CEILING DIFFUSER

NOTES: ① FIELD VERIFY APPLICABLE FRAME TYPE & MODULE SIZE BEFORE ISSUANCE OF P.O.

② PROVIDE BLANK-OF AT UNUSED PARTS OF SUPPLY DIFFUSERS, PLENUM BOOTS FOR RETURN GRILLE AND MITERED CORNERS.

FAN SCHEDULE

FAN TAG	MFR/ MODEL	SERVICE	FAN CAPACITY						MOTOR				OPER. WT. LBS	REMARKS
			CFM	OV	RPM	PRESS IN W.G TP	BHP OR WATTS	WHEEL SIZE INCHES	HP	VOLT	PHASE	RPM		
EF/A-1	COOK CA 120	TOILET & GENERAL EXHAUST	980	- -	1200	0.75	0.18	12	1/4	120	1	1760	60	
EF/B-1	COOK GC 240	STORAGE	100	- -	1200	0.25	41 W	--	--	120	1	1200	22	
EF/B-2	COOK GC 240	CLRM 40 CLOSET	100	- -	1200	0.25	41 W	--	--	120	1	1200	22	
EF/C-1	COOK CA 150	TOILET & GENERAL EXHAUST	1700	- -	1350	1.00	0.46	15.0	1/2	120	1	1760	200	
EF/D-1	COOK GC 240	ELEC RM	100	- -	1200	0.25	65 W	--	--	120	1	1200	22	
EF/D-2	COOK GC 240	JAN CLOSET	100	- -	1200	0.25	65 W	--	--	120	1	1200	22	
EF/E-1	COOK GC 320	ALCOVE E9	160	- -	1365	0.375	77 W	--	--	120	1	1365	25	
EF/E-2	COOK GC 240	STOR E1	100	- -	1200	0.25	65 W	--	--	120	1	1200	22	
EF/F-1	COOK GC 320	STOR F10	160	- -	1365	0.375	77 W	--	--	120	1	1365	25	
EF/F-2	COOK GC 240	ELEC RM F9	100	- -	1200	0.25	65 W	--	--	120	1	1200	22	
EF/F-3	COOK GC 240	STOR F14	100	- -	1200	0.25	65 W	--	--	120	1	1200	22	
EF/F-4	COOK ACE-B 100	BOYS F12	600	- -	1250	0.25	0.09	--	--	120	1	1200	22	
EF/F-5	COOK ACE-B 70	MEN F11	200	- -	1110	0.25	0.04	7	1/6	120	1	1200	15	
EF/G-1	COOK CA 245	TOILET & GENERAL EXH	7000	- -	630	1.25	2.78	33	3	460	3	1760	450	①
EF/G-2	COOK 90R 15DH	TOILET & GENERAL EXH	380	- -	1550	0.50	- -	9	1/4	120	1	1760	40	
EF/G-3	COOK ACE-B 100	TOILET & GENERAL EXH	500	- -	1450	0.50	0.09	10	1/4	120	1	1760	45	
EF/K-1	COOK ACE B 120	STOR K5	750	- -	930	0.25	0.05	12	1/6	120	1	1760	55	
EF/K-2	COOK ACE B 120	HOOD 3D ARTS, K3	1050	- -	1290	0.50	0.15	12	1/4	120	1	1760	55	
EF/L-1	COOK ACE B 120	PROJECT STOR, L2	500	- -	1450	0.50	0.09	10	1/4	120	1	1760	45	
EF/L-2	COOK ACE B 70	PROJECT STOR, L3	160	- -	1110	0.25	0.04	7	1/6	120	1	1760	15	
EF/M-1	COOK ACRU-B 150	BOYS F12	2000	- -	1295	0.75	0.47	15	3/4	120	1	1760	105	①
EF/O-1	COOK CA 300	TOILET & GENERAL EXH	7000	- -	770	1.0	1.65	27	2	460	3	1760	625	①
EF/O-2	COOK CA 300	TOILET & GENERAL EXH	7000	- -	770	1.0	1.65	27	2	460	3	1760	625	①

NOTE:

① PROVIDE AUTOMATIC FAN SHUT-DOWN UPON DETECTION OF SMOKE. REFER TO DWG. M7.2

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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP: 12/31/99

ARCHITECT'S STAMP

No. M26141 Ren. 6/30/05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS
APPL NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

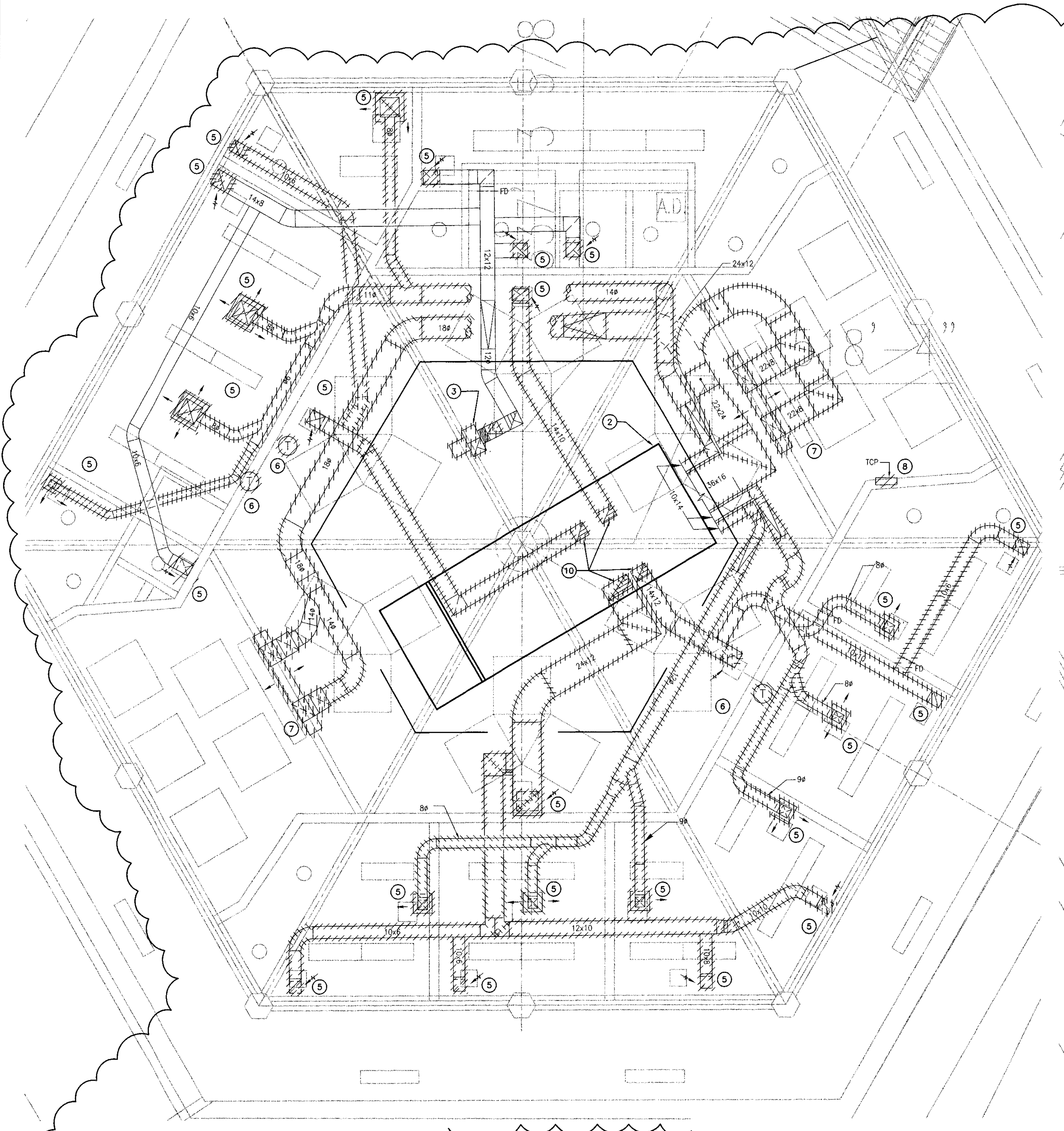
EQUIPMENT SCHEDULES - MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

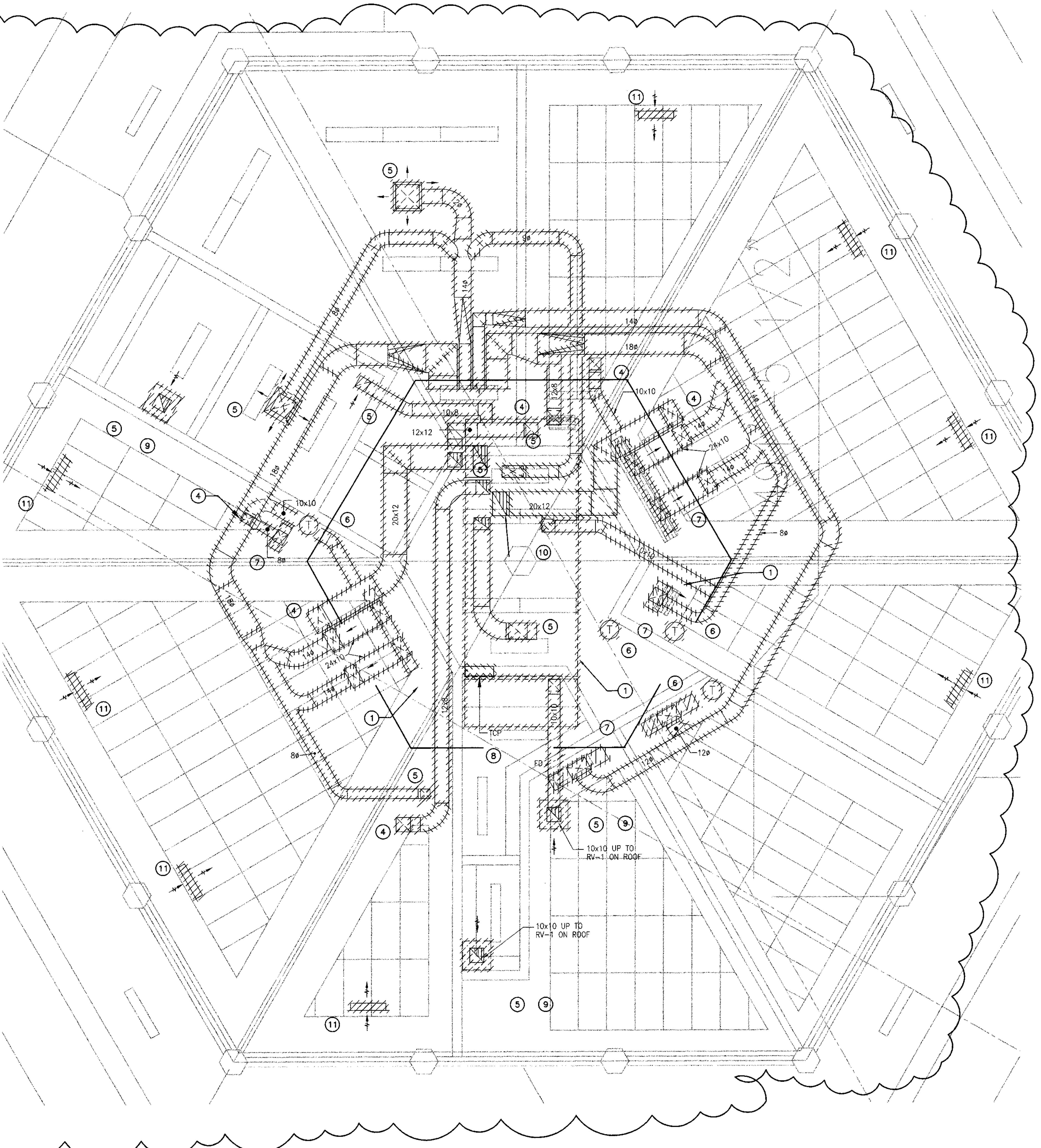
DRAWN BY: CHECKED BY:

M0.2

JOB NO: 99041B OF SHEETS



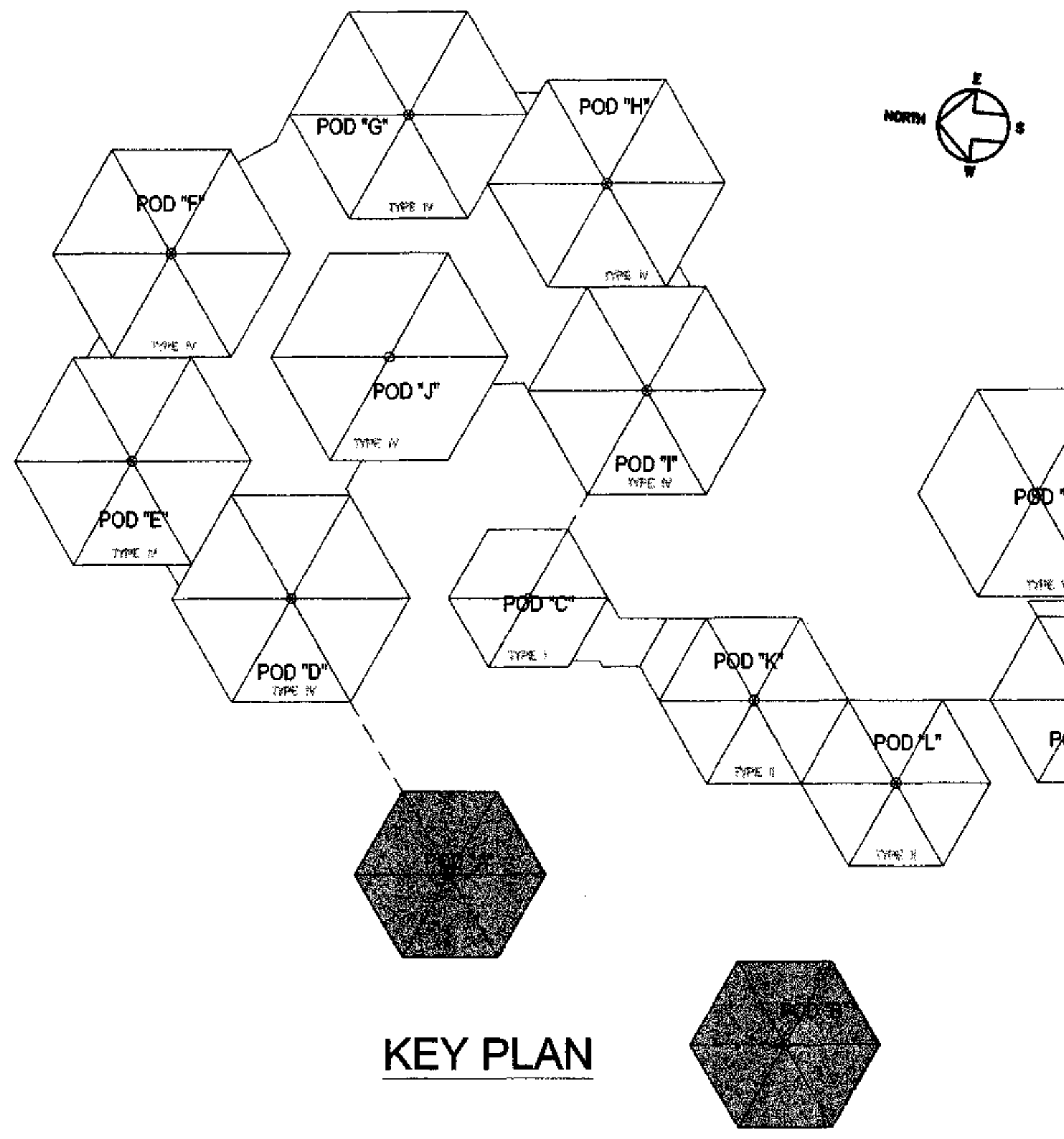
1 DEMOLITION FLOOR PLAN-POD "A"
1/8"=1'-0"



2 DEMOLITION FLOOR PLAN-POD "B"
1/8"=1'-0"

SHEET NOTES

1. REMOVE AND DISPOSE (E) MULTIZONE UNITS ON ROOF AND ALL ASSOCIATED ROOF CURBS, CONTROLLERS, SUPPORTS, PIPING, ETC. COORDINATE DEMOLITION WORK WITH GEN AND ELEC CONTRACTOR.
2. (E) MULTI-ZONE AC UNIT ON ROOF TO REMAIN.
3. REMOVE AND DISPOSE (E) FAN ON ROOF AND ASSOCIATED SLEEPERS, SUPPORTS, ELECTRIC WIRING, CONDUITS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
4. DUCT OPENING INSIDE LUMINOUS CEILING. SEE (N) PLAN FOR WORK.
5. REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
6. REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
7. REMOVE AND DISPOSE (E) LINEAR SLOT DIFFUSER AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
8. REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
9. REMOVE AND DISPOSE (E) RELIEF VENTS ON ROOF AND ASSOCIATED CURB, SUPPORTS AND DUCTWORK. PROVIDE TEMPORARY PLASTIC COVERS FOR PROTECTION OF OPENING. COORDINATE WORK WITH GENERAL CONTRACTOR.
10. (E) DUCT UP THRU ROOF TO REMAIN.
11. REMOVE AND DISPOSE (E) SIDEWALL GRILLE AND ASSOCIATED TRIM. COORDINATE PATCHING AND FINISHING WITH ARCH. AND GENERAL CONTRACTOR.
12. REMOVE AND DISPOSE (E) FIBERGLASS DUCTWORK AND ASSOCIATED SUPPORTS, BRACING, ETC. FIELD VERIFY EXACT SIZES TO ACCOMODATE INSTALLAATION OF (N) DUCTWORK. REFER TO DWG. M2.1 FOR (N) WORK.



KEY PLAN

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☐ ELIEZER M. NAOR AIA

C 3158
EXP. 12/31/99

ARCHITECT'S STAMP

No. M26141
Ren. 6/30/05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREEET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
APPL NO 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

DEMOLITION
FLOOR PLANS
POD 'A' & 'B'
MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

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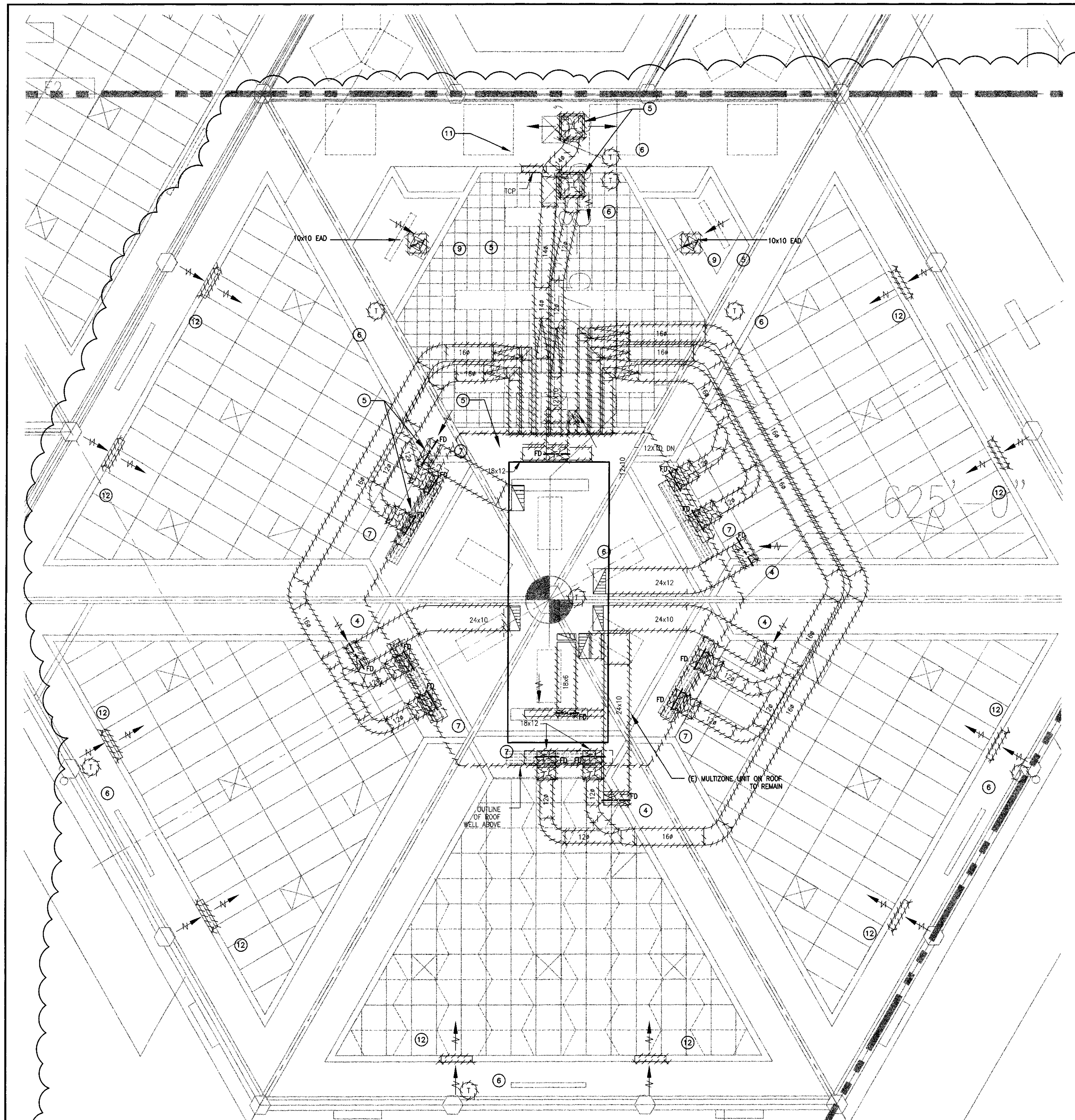
M1.1

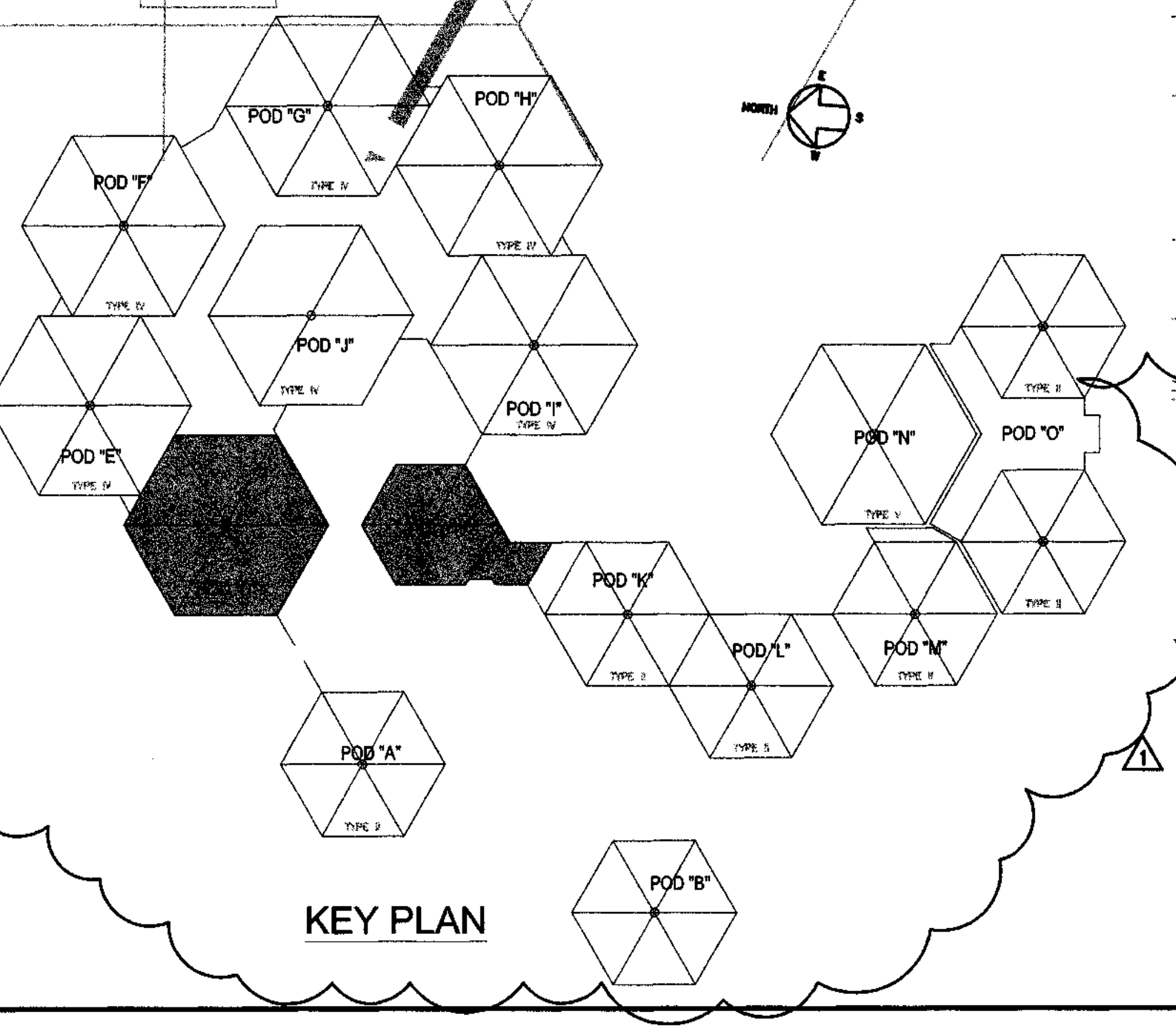
JOB NO: 99041B OF SHEETS


10x10 EAD
TCP
(E) MULTIZONE UNIT ON ROOF TO REMAIN
OUTLINE OF ROOF WELL ABOVE
625'-0"
TYPE IV

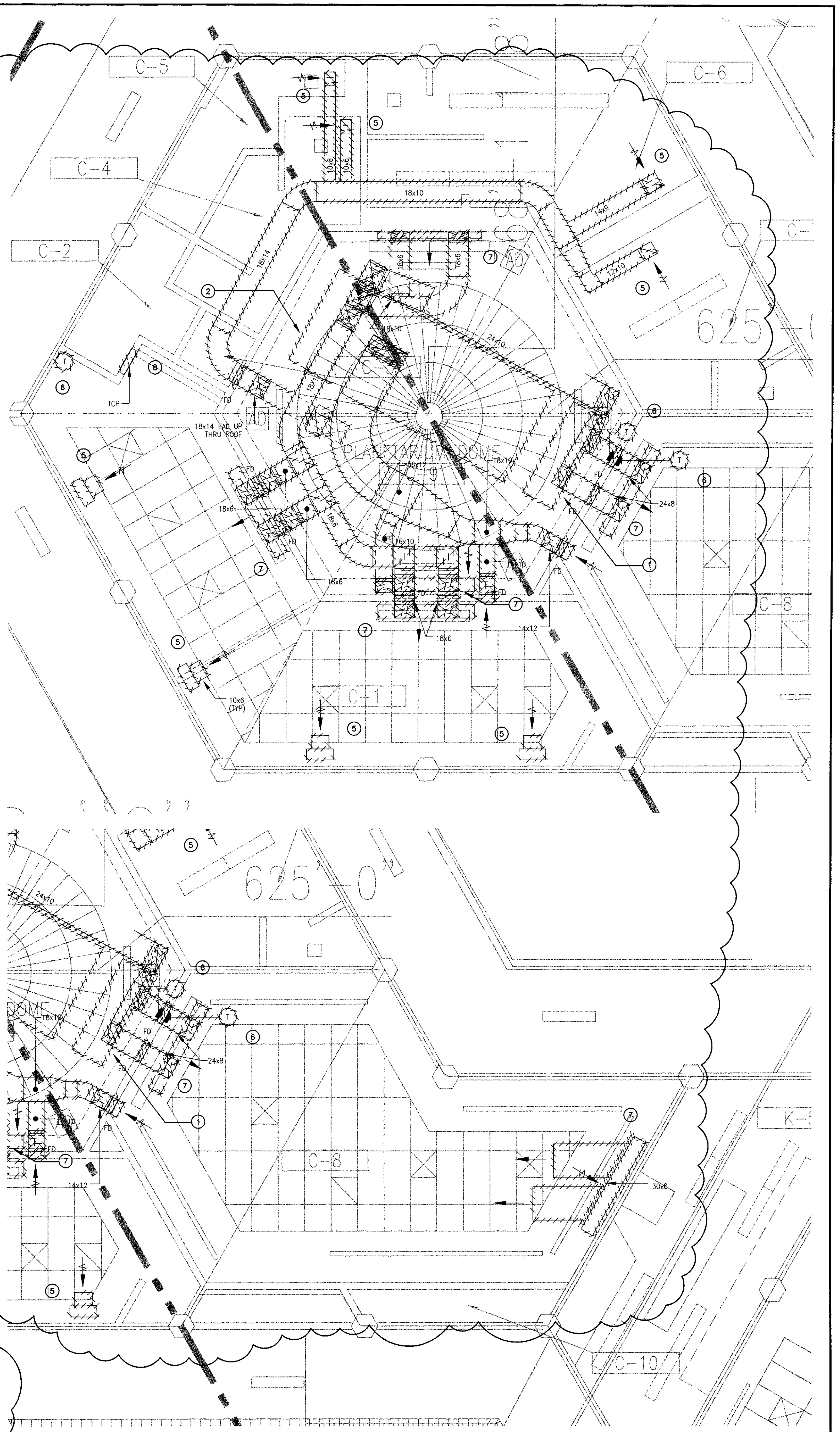
SHEET NOTES

1. REMOVE AND DISPOSE (E) CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.
2. REMOVE AND DISPOSE (E) MULTI-ZONE AC UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.
3. REMOVE AND DISPOSE (E) EXHAUST FAN INCLUDING (E) FAN ON ROOF AND ASSOCIATED SLEEPERS, SUPPORTS, ELECTRIC WIRING, CONDUITS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
4. DUCT OPENING INSIDE LUMINOUS CEILING. SEE (N) PLAN FOR WORK.
5. REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
6. REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
7. REMOVE AND DISPOSE (E) LINEAR SLOT DIFFUSER AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
8. REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
9. REMOVE AND DISPOSE (E) RELIEF VENTS ON ROOF AND ASSOCIATED CURB, SUPPORTS AND DUCTWORK. PROVIDE TEMPORARY PLASTIC COVERS FOR PROTECTION OF OPENING. COORDINATE WORK WITH GENERAL CONTRACTOR.
10. (E) DUCT UP THRU ROOF TO REMAIN.
11. REMOVE AND DISPOSE (E) DUCTWORK AND ASSOCIATED SUPPORTS, BRACINGS, INSULATION, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
12. REMOVE AND DISPOSE (E) SIDEWALL.

① DEMOLITION FLOOR PLAN-POD "D"
1/8"=1'-0"



KEY PLAN



② DEMOLITION FLOOR PLAN-POD "C"
1/8"=1'-0"

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APPROVED
DIV OF THE STATE ARCHITECT
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APP. NO. 01-101836 DATE 11-17-03

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APPL 01
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DATE ____

AUTHORITY APPROVAL

DEMOLITION FLOOR PLAN POD 'C' & 'D' - MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

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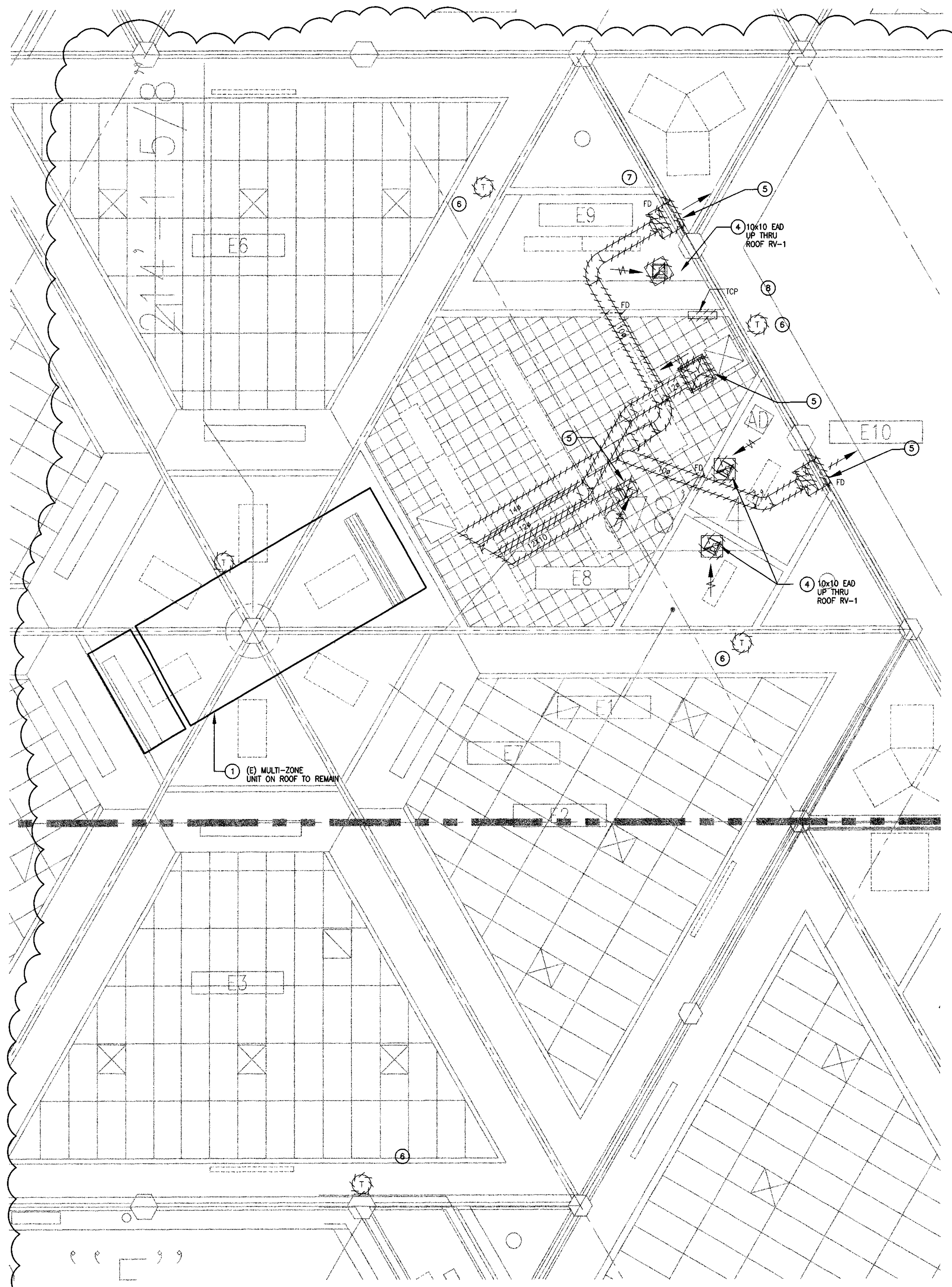
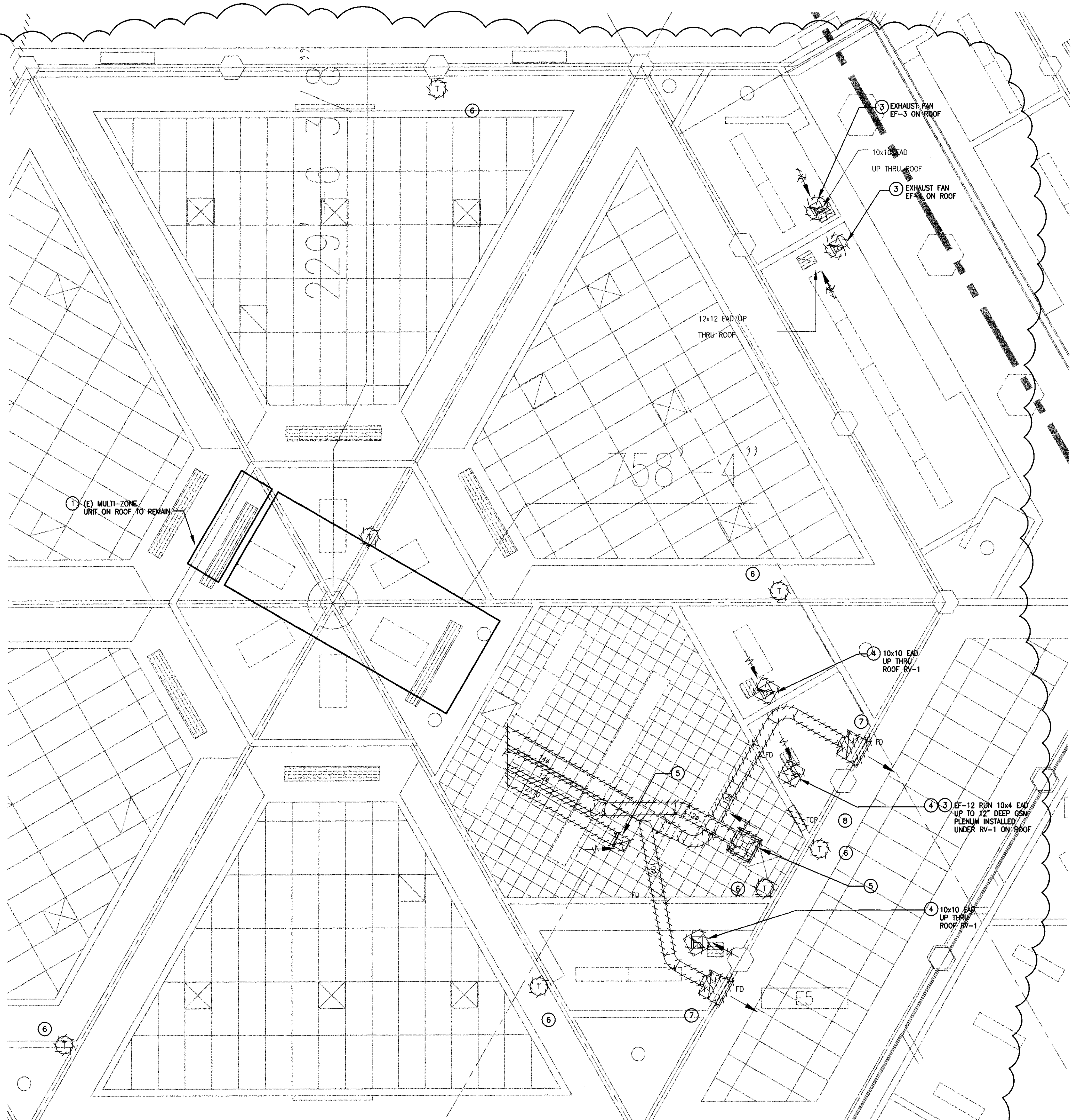
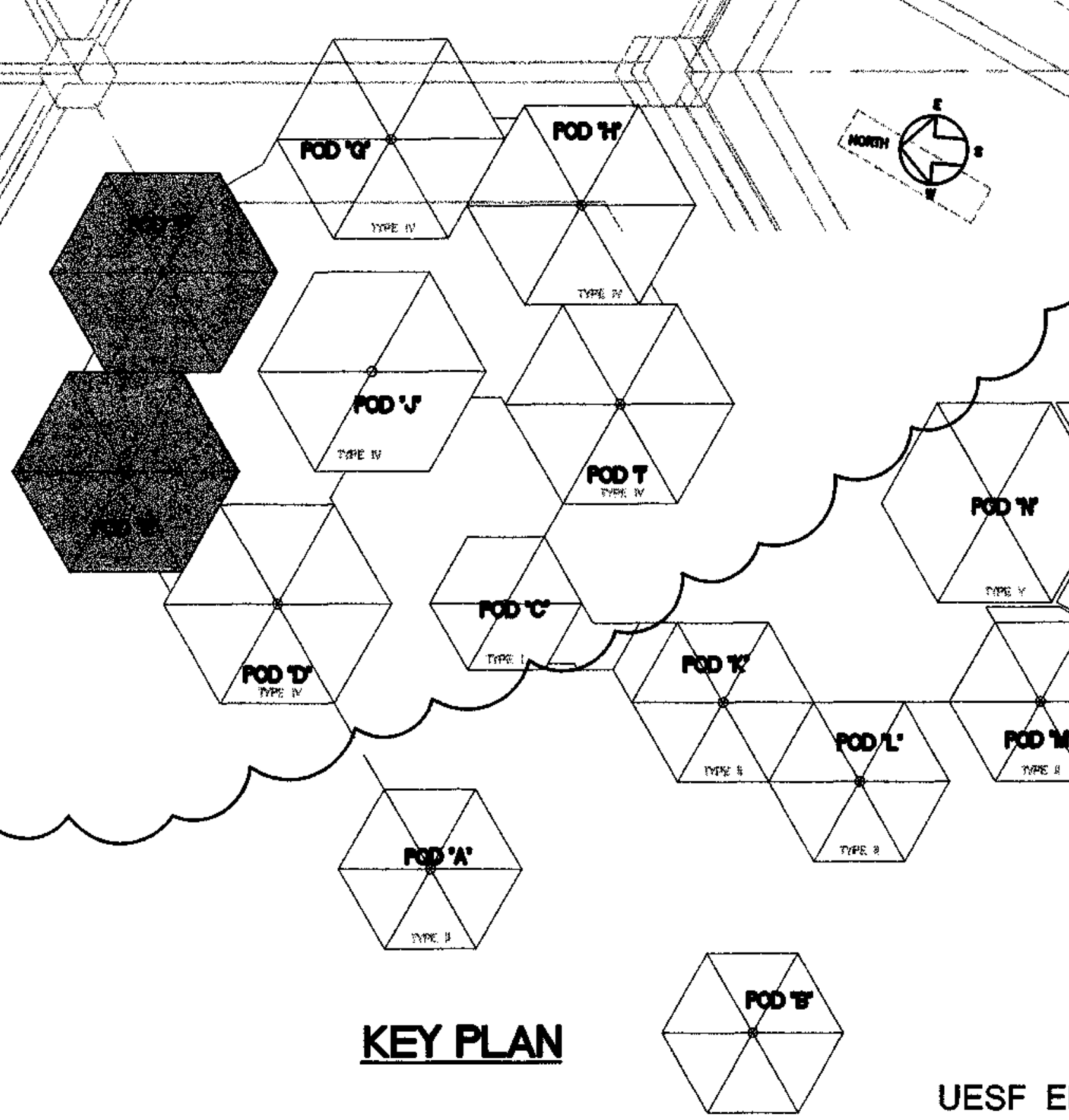

E9
E10
E8
E6
E3
AD
FD
TCP
T
1 (E) MULTI-ZONE UNIT ON ROOF TO REMAIN
4 10x10 EAD UP THRU ROOF RV-1
5
6
7
8
14ø
12ø
12X10
10ø

2 DEMOLITION FLOOR PLAN-POD 'F'
1/8"=1'-0"


E5
FD
TCP
T
1 (E) MULTI-ZONE UNIT ON ROOF TO REMAIN
3 EXHAUST FAN EF-3 ON ROOF
10x10 EAD UP THRU ROOF
3 EXHAUST FAN EF-4 ON ROOF
12x12 EAD UP THRU ROOF
4 10x10 EAD UP THRU ROOF RV-1
4 3 EF-12 RUN 10x4 EAD UP TO 12" DEEP GSM PLENUM INSTALLED UNDER RV-1 ON ROOF
5
6
7
8
12ø
10ø

1 DEMOLITION FLOOR PLAN-POD 'E'
1/8"=1'-0"



KEY PLAN

SHEET NOTES

① (E) PACKAGED MULTI-ZONE A.C. UNIT ON ROOF TO REMAIN

② REMOVE AND DISPOSE (E) AIR COOLED CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRING, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC.. COORDINATE REMOVAL OF POWER WIRING AND DEVICES WITH THE ELECTRICAL CONTRACTOR. PATCH (E) ROOF OPENING WITH THE SAME MATERIAL AS ADJACENT ROOF AREAS.

③ REMOVE AND DISPOSE (E) EXHAUST FAN INCLUDING (E) FAN BASE AND CURB. COORDINATE REMOVAL OF POWER WIRING AND DEVICES WITH THE ELECTRICAL CONTRACTOR.

④ GRAVITY TYPE ROOF VENTILATOR AND ROOF CURB TO REMAIN.

⑤ REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIM. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑥ REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑦ REMOVE AND DISPOSE (E) FIRE DAMPER AND ASSOCIATED TRIMS AND FRAMINGS. COORDINATE WORK WITH GENERAL CONTRACTOR.

NOTE:

POD "E" MECHANICAL WORK IS IDENTICAL TO THAT SHOWN FOR POD "D", EXCEPT AS NOTED ABOVE.

NOTE:

POD "F" MECHANICAL WORK IS IDENTICAL TO THAT SHOWN FOR POD "D", EXCEPT AS NOTED ABOVE.

△1

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LEE KARNEY
C 13158
EXP. 12/31/99

ARCHITECT'S STAMP

No. M26141
Ren. 6/30/05
MECHANICAL

CONSULTANT'S STAMP

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AC____ F/LS____ SS
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DATE____

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DEMOLITION FLOOR PLAN POD 'E' & 'F' MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
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11.13.03	ADDENDUM NO 1	△1

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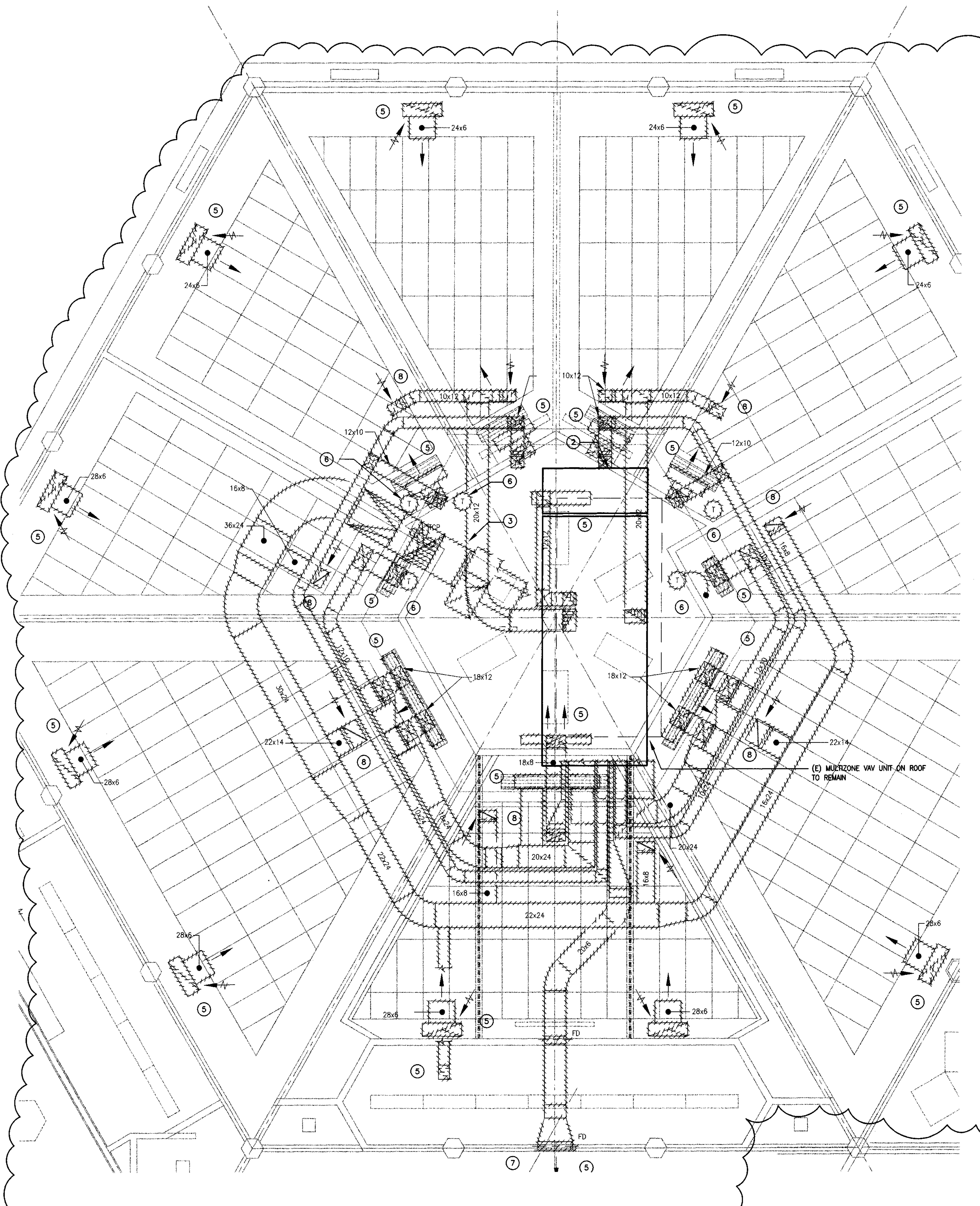


SHEET NOTES

① REMOVE AND DISPOSE (E) PACKAGED MULTI-ZONE A.C. UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRING, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC.. PROVIDE TEMPORARY WATER TIGHT COVER FOR THE (E) ROOF OPENING. COORDINATE REMOVAL OF POWER WIRING AND DEVICES WITH THE ELECTRICAL CONTRACTOR.

② REMOVE AND DISPOSE (E) AIR COOLED CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRING, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC.. COORDINATE REMOVAL OF POWER WIRING AND DEVICES WITH THE ELECTRICAL CONTRACTOR. PATCH (E) ROOF OPENING WITH THE SAME MATERIAL AS ADJACENT ROOF AREAS.

③ REMOVE AND DISPOSE (E) EXHAUST FAN INCLUDING (E) FAN BASE AND CURB. COORDINATE REMOVAL OF POWER WIRING AND DEVICES WITH THE ELECTRICAL CONTRACTOR.

④ REMOVE AND DISPOSE (E) GRAVITY TYPE ROOF VENTILATOR INCLUDING ROOF CURB.

⑤ REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIM. COORDINATE WORK WITH GENERAL CONTRACTOR.

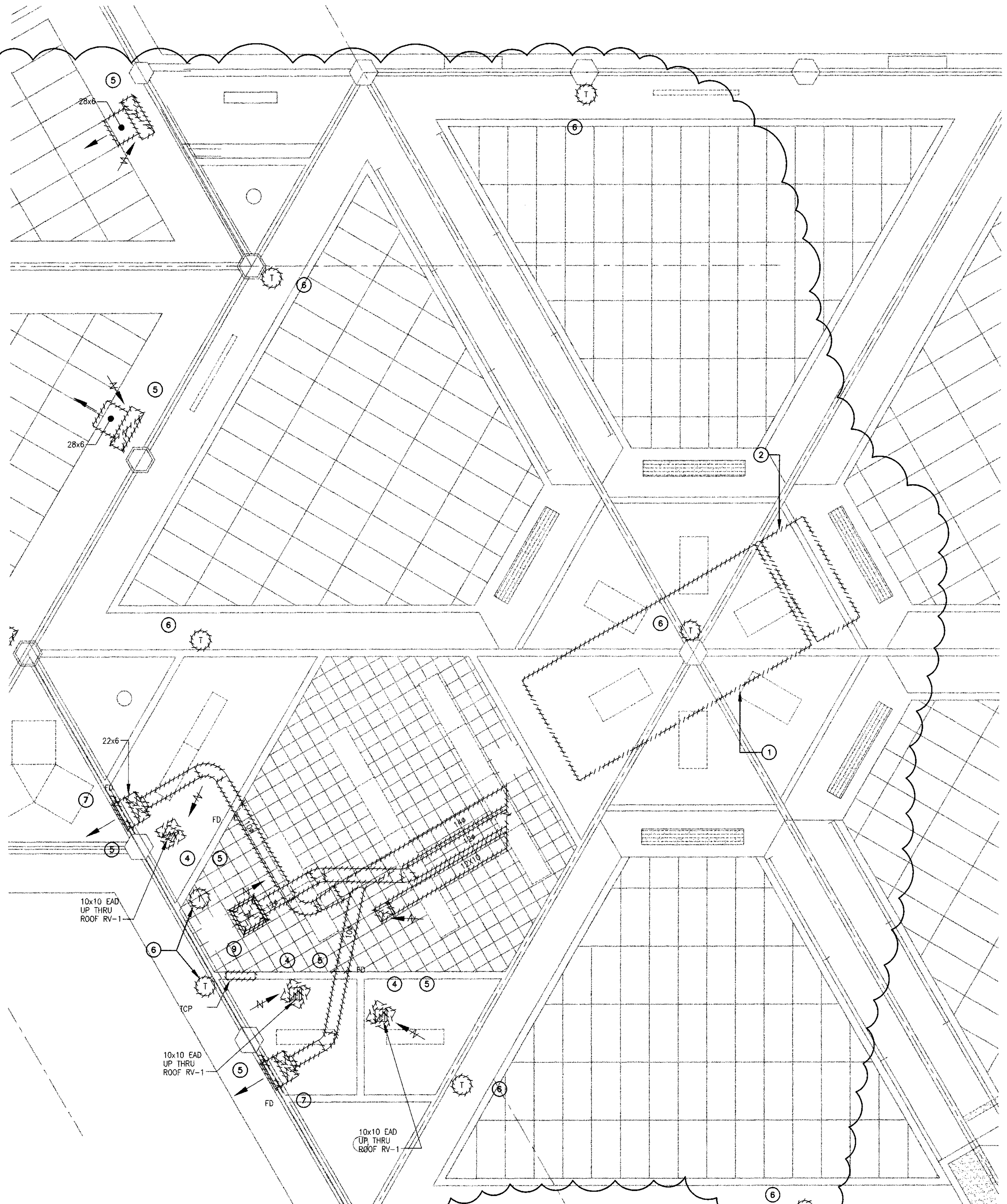
⑥ REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑦ REMOVE AND DISPOSE (E) FIRE DAMPER AND ASSOCIATED TRIMS AND FRAMINGS. COORDINATE WORK WITH GENERAL CONTRACTOR.

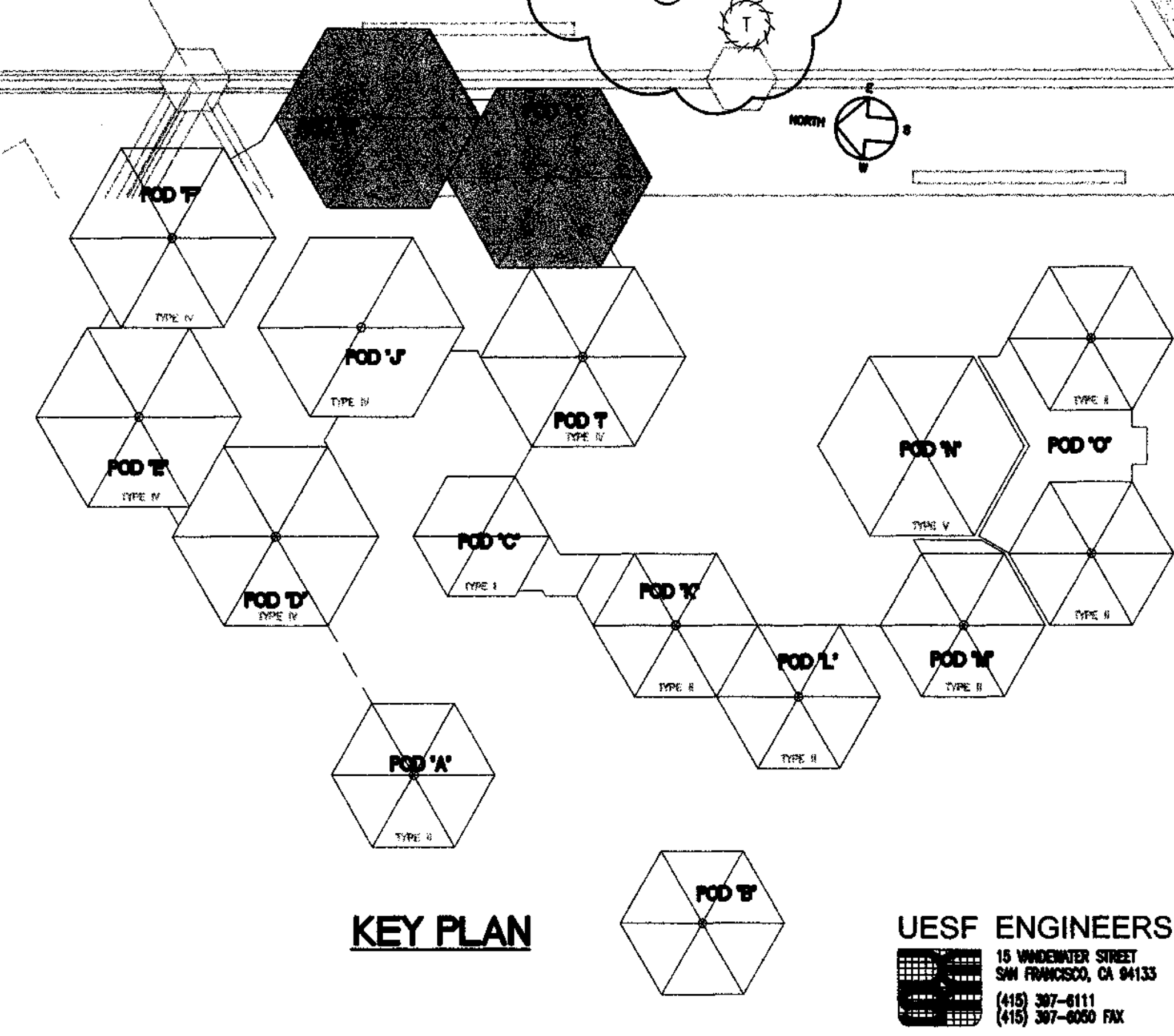
⑧ DUCT OPENING INSIDE LUMINOUS CEILING. SEE (N) PLAN FOR WORK.

⑨ REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.

① **DEMOLITION FLOOR PLAN-POD "G"**
1/8"=1'-0"



② **DEMOLITION FLOOR PLAN-POD "H"**
1/8"=1'-0"



KEY PLAN

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ARCHITECT'S STAMP

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CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

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DIV OF THE STATE ARCHITECT
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APPL NO 01-101826 DATE 11-17-03

1450 TARPON STREET
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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

DEMOLITION FLOOR PLANS POD 'G' & 'H' MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	△1

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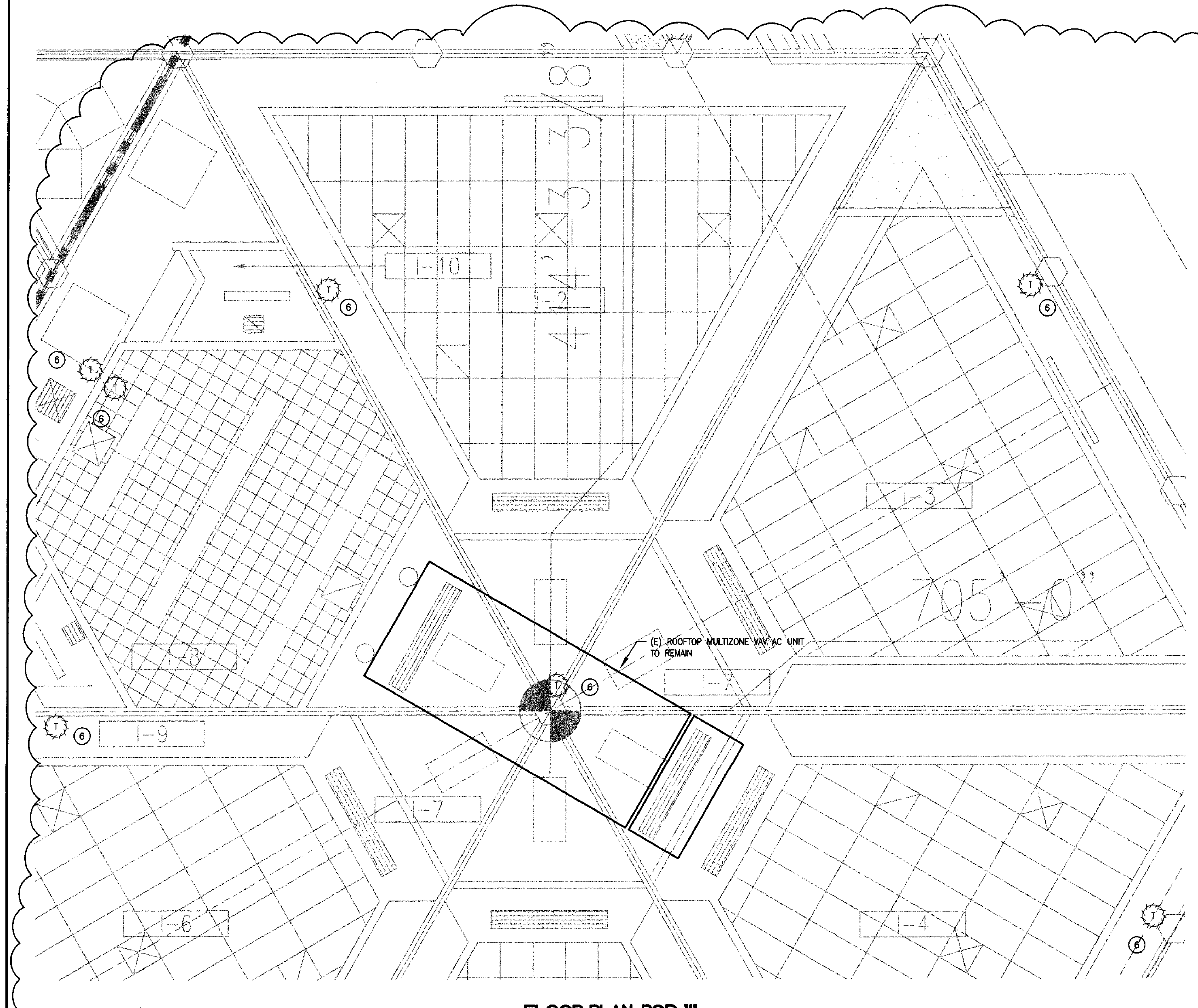
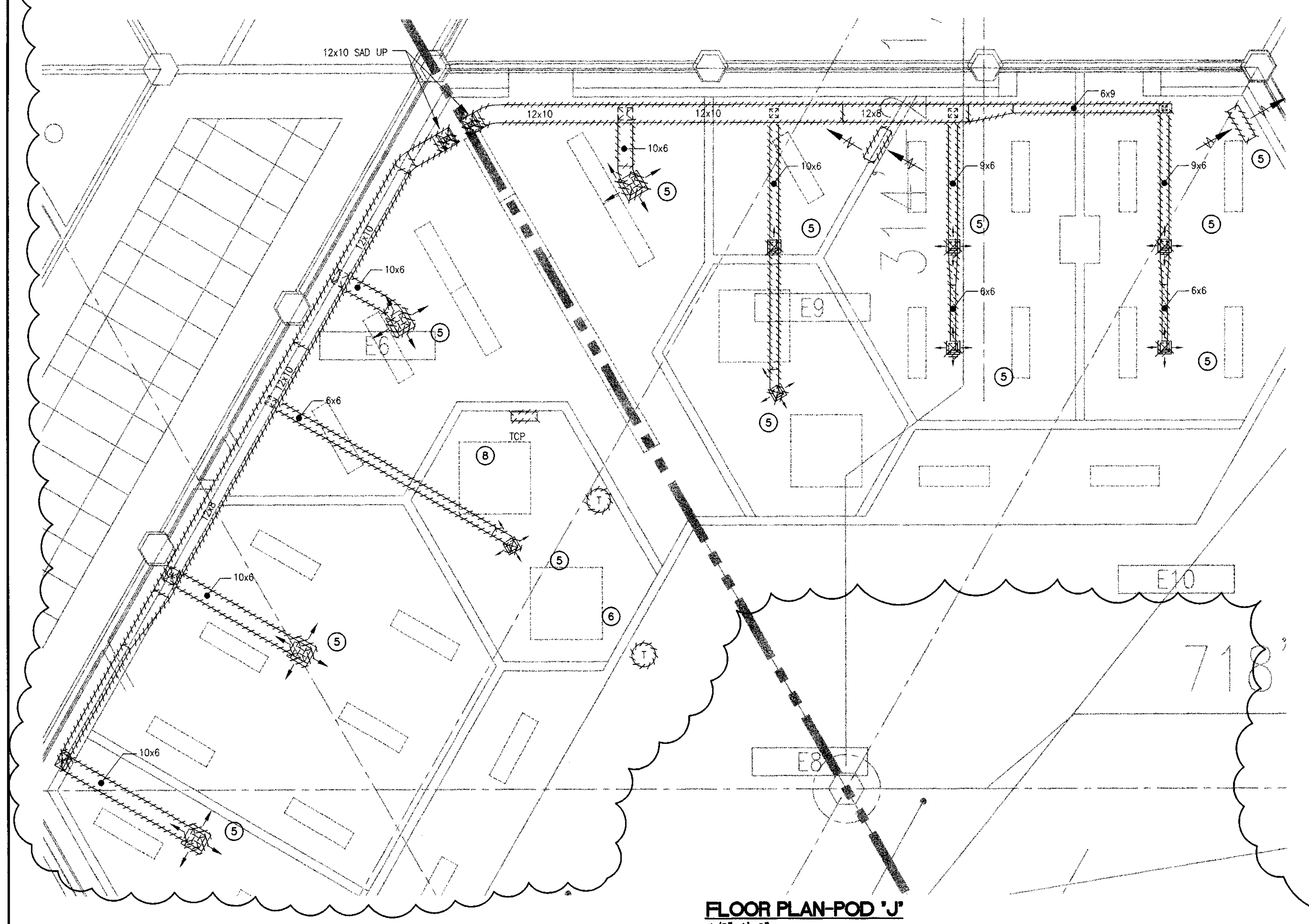
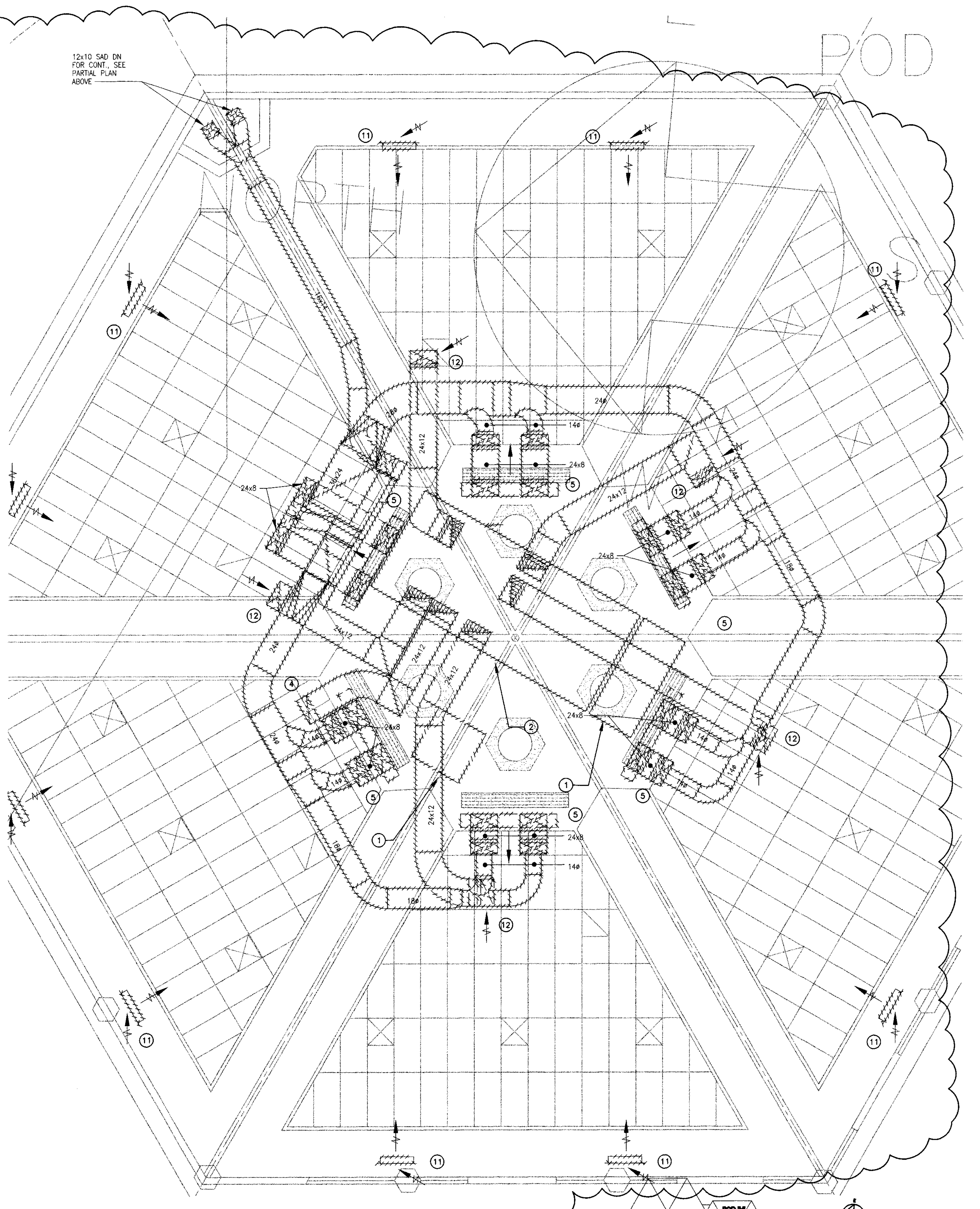
JOB NO: 99041B OF SHEETS



FLOOR PLAN-POD 'I'
1/8"=1'-0"



FLOOR PLAN-POD 'J'
1/8"=1'-0"



MEZZANINE PLAN-POD 'J'
1/8"=1'-0"

SHEET NOTES:

① REMOVE AND DISPOSE (E) CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRING , CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC. COORDINATE WORK WITH GENERAL CONTRACTOR.

② REMOVE AND DISPOSE (E) MULTI-ZONE AC UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRING, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC. COORDINATE WORK WITH GENERAL CONTRACTOR.

③ REMOVE AND DISPOSE (E) EXHAUST FAN ON ROOF AND ASSOCIATED SLEEPERS, SUPPORTS, ELECTRIC WIRING, CONDUITS, ETC. COORDINATE WORK WITH GENERAL CONTRACTOR.

④ REMOVE AND DISPOSE (E) DUCTWORK AND ASSOCIATED SUPPORTS, BRACINGS, INSULATION, ETC. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑤ REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑥ REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑦ REMOVE AND DISPOSE (E) LINEAR SLOT DIFFUSER AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC. COORDINATE WORK WITH THE CONTRACTOR.

⑧ REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC. COORDINATE WORK WITH THE CONTRACTOR.

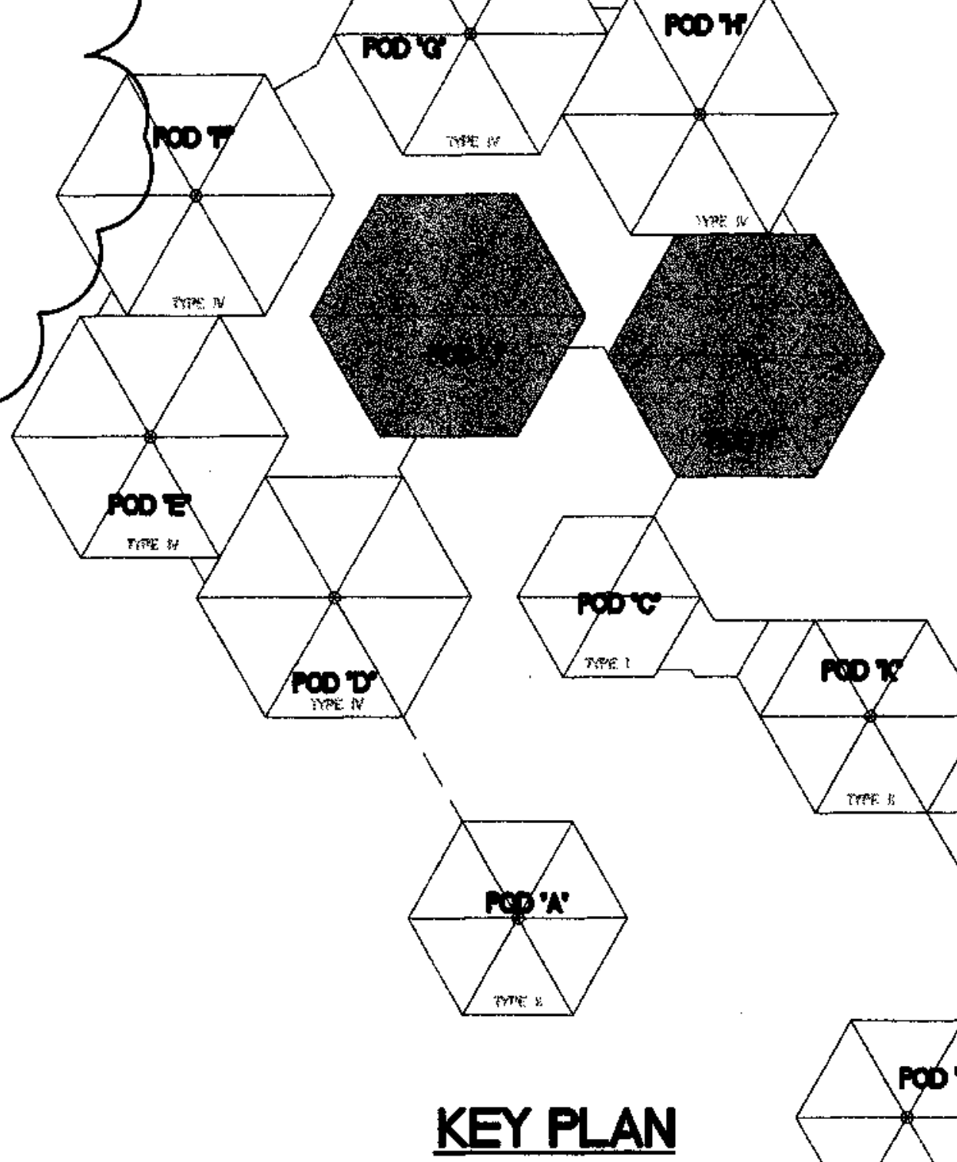
⑨ REMOVE AND DISPOSE (E) RELIEF VENTS ON ROOF AND ASSOCIATED CURB, SUPPORTS AND DUCTWORK. PROVIDE TEMPORARY PLASTIC COVERS FOR PROTECTION OF OPENING. COORDINATE WORK WITH THE CONTRACTOR.

⑩ (E) DUCT UP THRU ROOF TO REMAIN.

⑪ (E) RETURN GRILLE TO REMAIN.

⑫ (E) RETURN DUCT OPENING TO REMAIN.

△1



KEY PLAN

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FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL NO 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
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DATE ____
AUTHORITY APPROVAL

DEMOLITION
FLOOR PLANS
POD 'I' & 'J'
MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	△1

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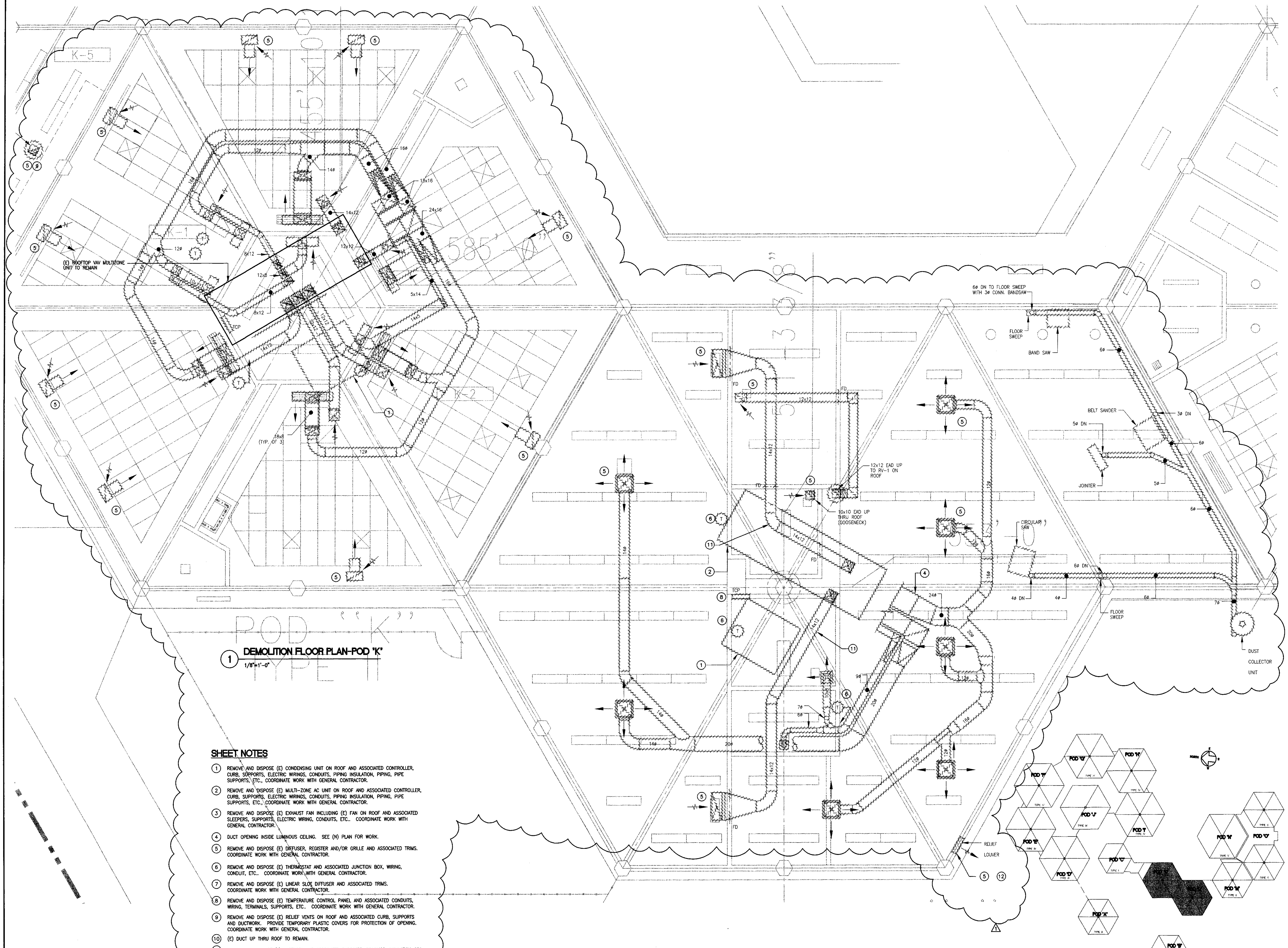
JOB NO: 99041B OF SHEETS



① DEMOLITION FLOOR PLAN-POD "K"

1/8"=1'-0"

② DEMOLITION FLOOR PLAN-POD "L"

1/8"=1'-0"

KEY PLAN

SHEET NOTES

1. REMOVE AND DISPOSE (E) CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.
2. REMOVE AND DISPOSE (E) MULTI-ZONE AC UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.
3. REMOVE AND DISPOSE (E) EXHAUST FAN INCLUDING (E) FAN ON ROOF AND ASSOCIATED SLEEPERS, SUPPORTS, ELECTRIC WIRING, CONDUITS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
4. DUCT OPENING INSIDE LUMINOUS CEILING. SEE (N) PLAN FOR WORK.
5. REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
6. REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
7. REMOVE AND DISPOSE (E) LINEAR SLOT DIFFUSER AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
8. REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
9. REMOVE AND DISPOSE (E) RELIEF VENTS ON ROOF AND ASSOCIATED CURB, SUPPORTS AND DUCTWORK. PROVIDE TEMPORARY PLASTIC COVERS FOR PROTECTION OF OPENING. COORDINATE WORK WITH GENERAL CONTRACTOR.
10. (E) DUCT UP THRU ROOF TO REMAIN.
11. REMOVE AND DISPOSE (E) DUCTWORK AND ASSOCIATED SUPPORTS, BRACINGS, INSULATION, ETC. COORDINATE WORK WITH GENERAL CONTRACTOR.
12. REMOVE AND DISPOSE (E) LOUVER AND ASSOCIATED TRIMS AND FRAMING. COORDINATE WORK WITH GENERAL CONTRACTOR.

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Ren. 6/30/05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL NO 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

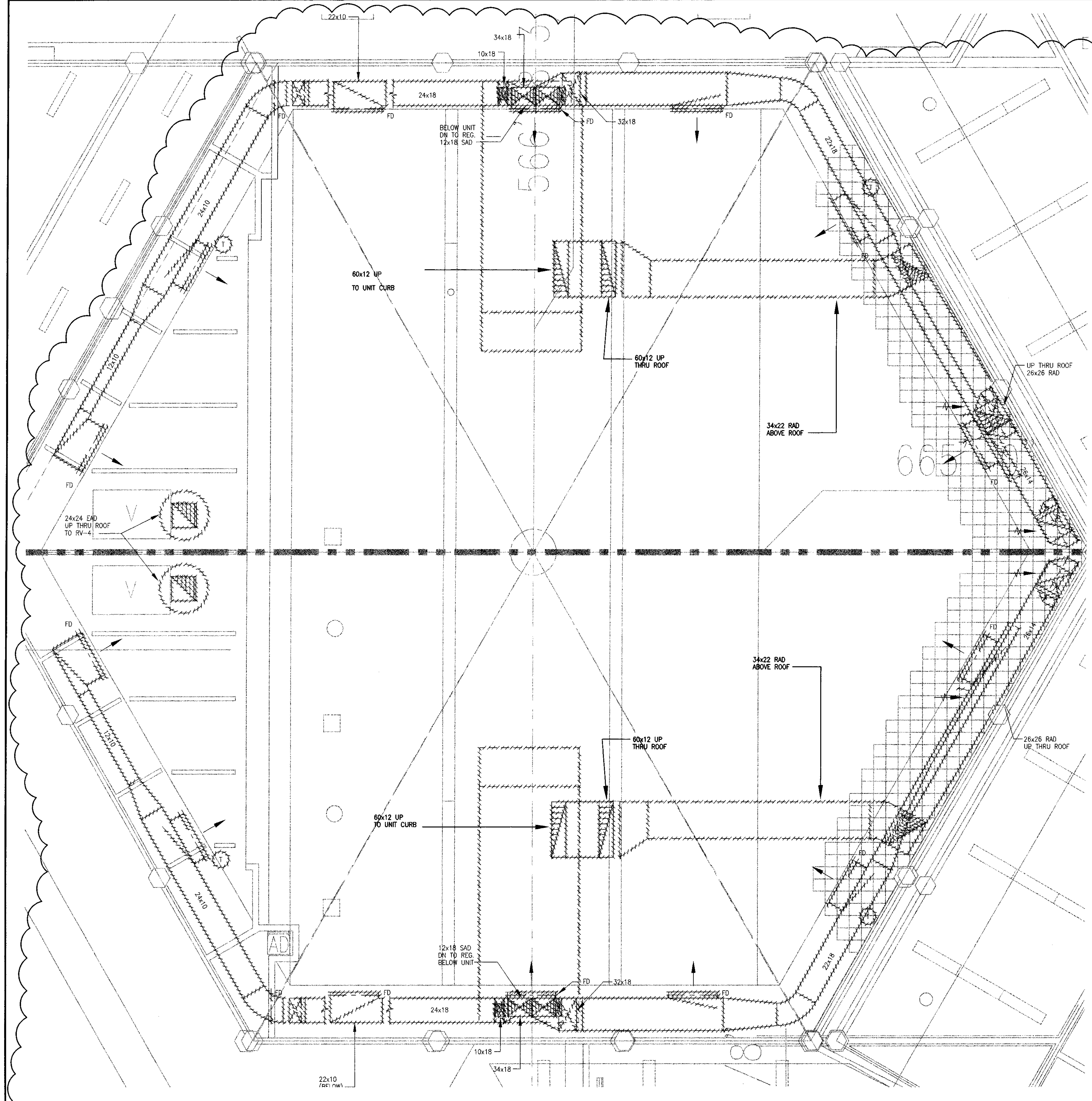
DEMOLITION FLOOR PLANS POD 'K' & 'L' MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

DRAWN BY: CHECKED BY:

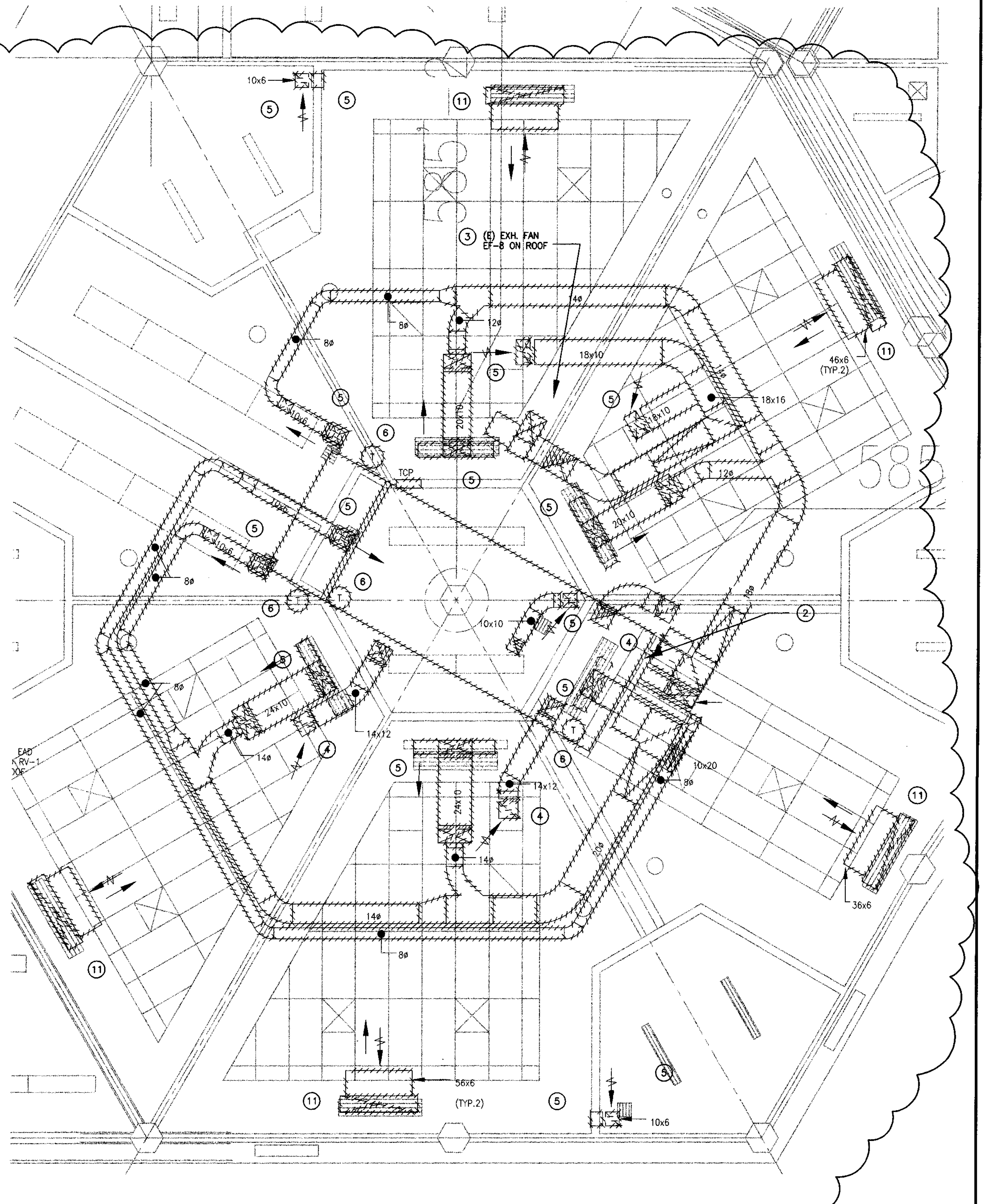
M1.6

JOB NO: 99041B OF SHEETS



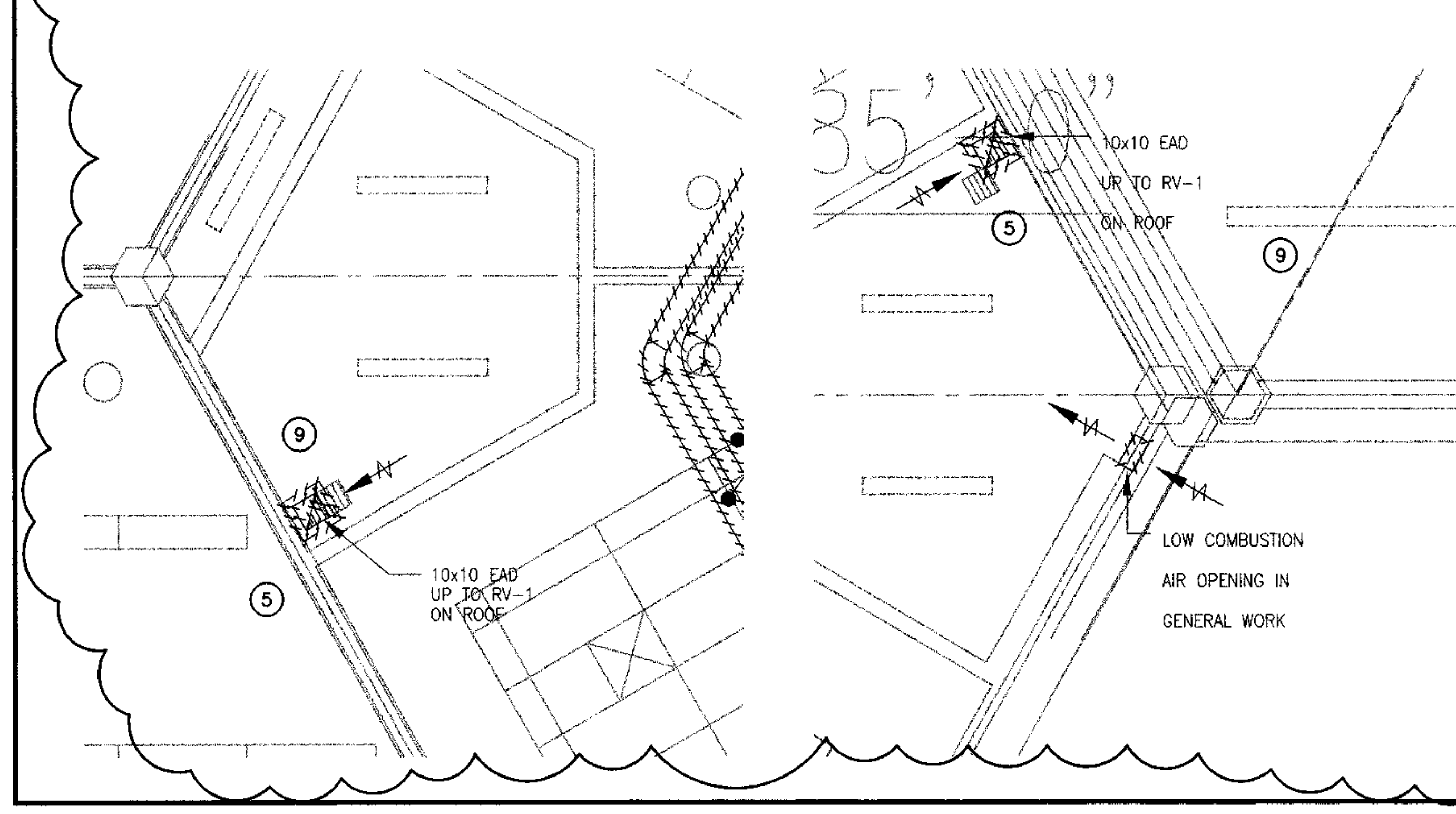
① DEMOLITION FLOOR PLAN-POD "M"

1/8"=1'-0"



② DEMOLITION FLOOR PLAN-POD "N"

1/8"=1'-0"



② DEMOLITION FLOOR PLAN-POD "N"

1/8"=1'-0"

SHEET NOTES

① REMOVE AND DISPOSE (E) CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.

② REMOVE AND DISPOSE (E) MULTI-ZONE AC UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.

③ REMOVE AND DISPOSE (E) EXHAUST FAN INCLUDING (E) FAN ON ROOF AND ASSOCIATED SLEEPERS, SUPPORTS, ELECTRIC WIRING, CONDUITS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.

④ DUCT OPENING INSIDE LUMINOUS CEILING. SEE (N) PLAN FOR WORK.

⑤ REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑥ REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.

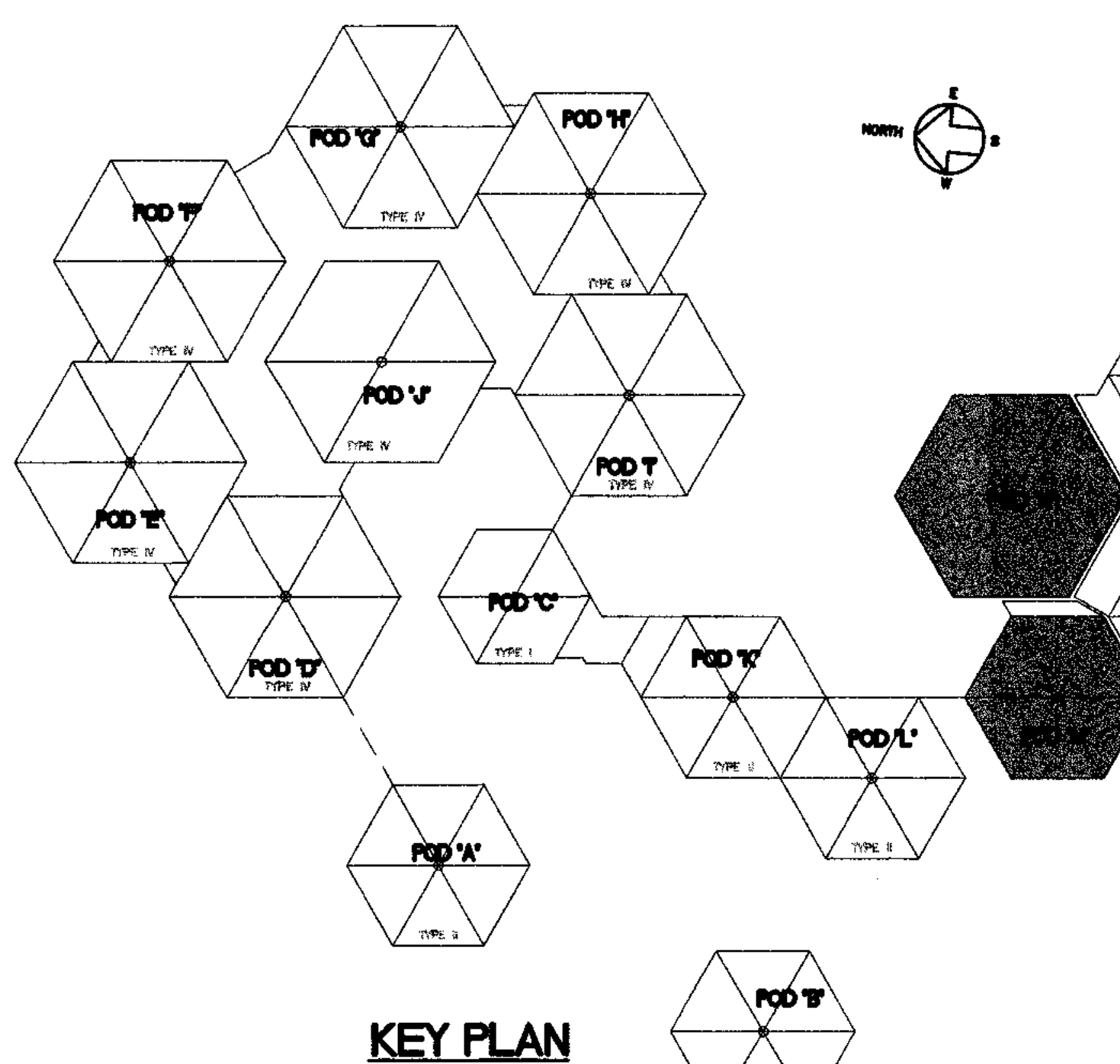
⑦ REMOVE AND DISPOSE (E) LINEAR SLOT DIFFUSER AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑧ REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.

⑨ (E) RELIEF VENTS ON ROOF TO REMAIN.

⑩ (E) DUCT UP THRU ROOF TO REMAIN.

⑪ REMOVE AND DISPOSE (E) FIRE DAMPER AND ASSOCIATED SUPPORTS & TRIMS. COORDINATE REPAIR OF FRAMING W/ GENERAL CONTRACTOR.



KEY PLAN

UESF ENGINEERS, INC.
15 VANDEWATER STREET
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(415) 397-6111
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560 14TH STREET,
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☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP. 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

LEVI F. MALABUYO
No. M26141
Ren. 6/30/05
MECHANICAL

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

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AUTHORITY APPROVAL

DEMOLITION FLOOR PLANS POD 'M' & 'N' MECHANICAL

DATE	ISSUE	REV.
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11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	△1

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M1.7

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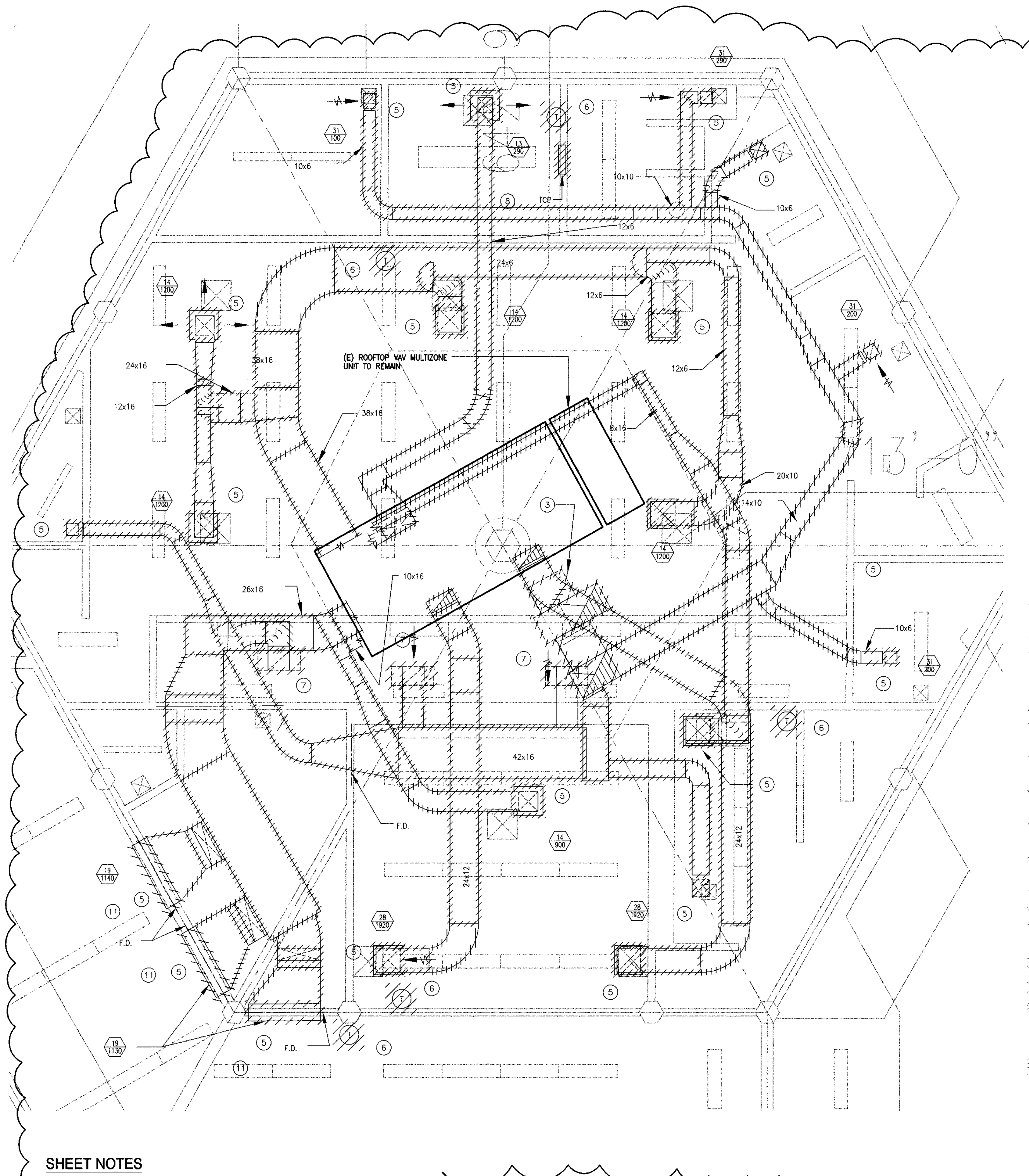
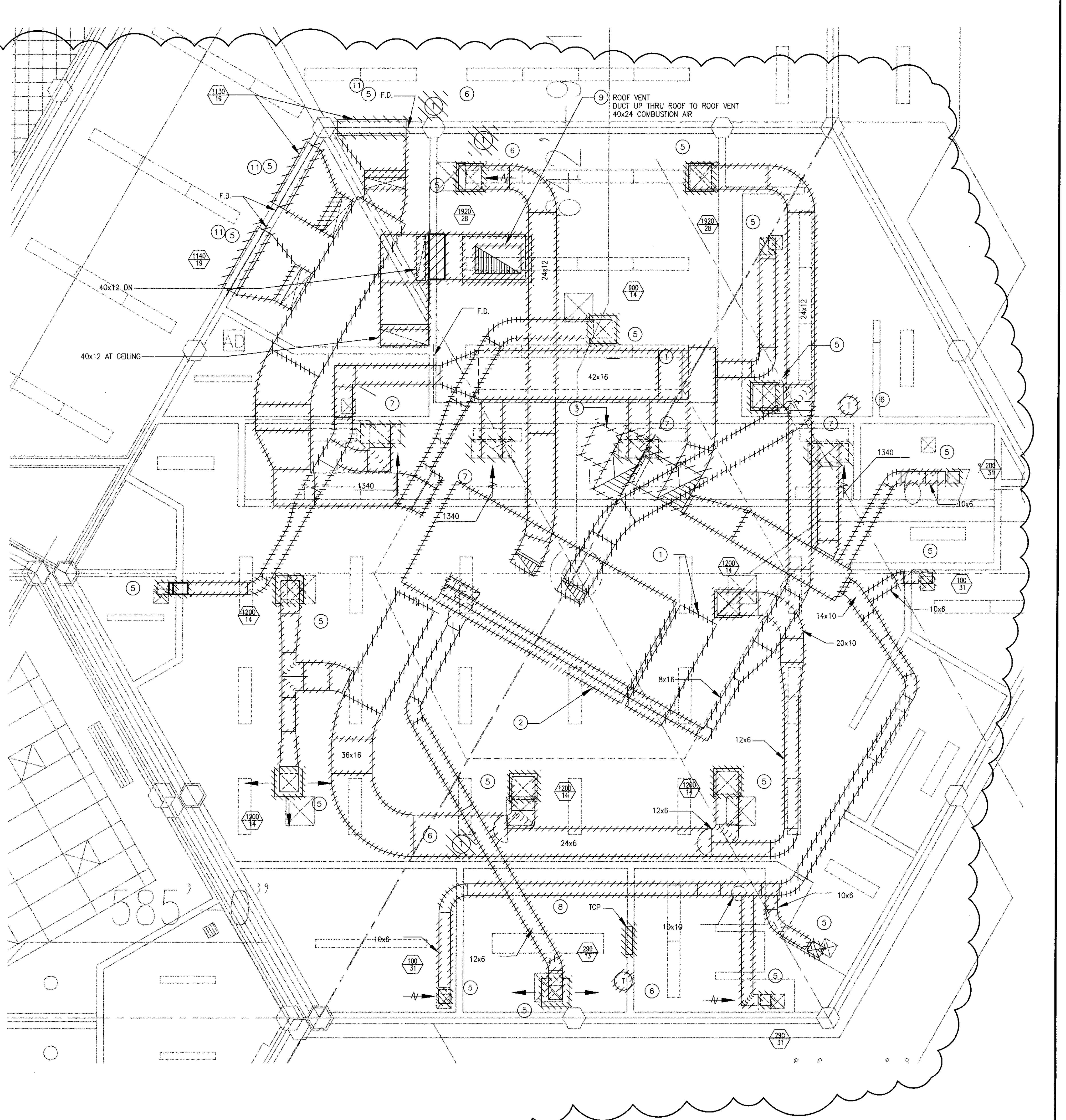


DEMOLITION FLOOR PLAN-POD "O"

1/8"=1'-0"

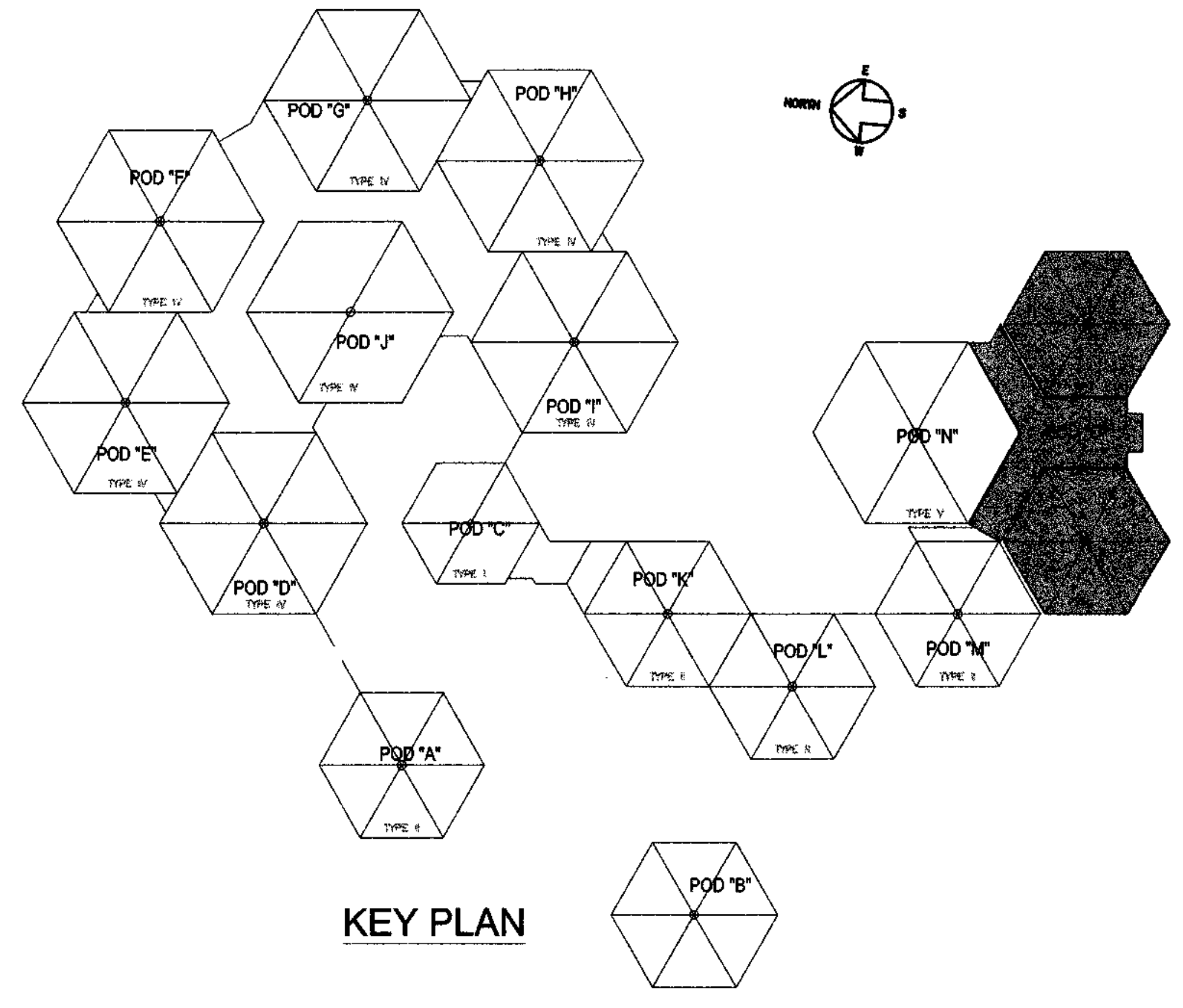


DEMOLITION FLOOR PLAN-POD "P"

1/8"=1'-0"

SHEET NOTES

1. REMOVE AND DISPOSE (E) CONDENSING UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.
2. REMOVE AND DISPOSE (E) MULTI-ZONE AC UNIT ON ROOF AND ASSOCIATED CONTROLLER, CURB, SUPPORTS, ELECTRIC WIRINGS, CONDUITS, PIPING INSULATION, PIPING, PIPE SUPPORTS, ETC., COORDINATE WORK WITH GENERAL CONTRACTOR.
3. REMOVE AND DISPOSE (E) EXHAUST FAN INCLUDING (E) FAN ON ROOF AND ASSOCIATED SLEEPERS, SUPPORTS, ELECTRIC WIRING, CONDUITS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
4. DUCT OPENING INSIDE LUMINOUS CEILING. SEE (N) PLAN FOR WORK.
5. REMOVE AND DISPOSE (E) DIFFUSER, REGISTER AND/OR GRILLE AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
6. REMOVE AND DISPOSE (E) THERMOSTAT AND ASSOCIATED JUNCTION BOX, WIRING, CONDUIT, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
7. REMOVE AND DISPOSE (E) LINEAR SLOT DIFFUSER AND ASSOCIATED TRIMS. COORDINATE WORK WITH GENERAL CONTRACTOR.
8. REMOVE AND DISPOSE (E) TEMPERATURE CONTROL PANEL AND ASSOCIATED CONDUITS, WIRING, TERMINALS, SUPPORTS, ETC.. COORDINATE WORK WITH GENERAL CONTRACTOR.
9. (E) RELIEF VENTS ON ROOF TO REMAIN.
10. (E) DUCT UP THRU ROOF TO REMAIN.
11. REMOVE AND DISPOSE (E) FIRE DAMPER AND ASSOCIATED SUPPORTS & TRIMS. COORDINATE REPAIR OF FRAMING W/ GENERAL CONTRACTOR.



KEY PLAN

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EXP. 12/31/99
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REGISTERED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA

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DEMOLITION FLOOR PLAN POD 'O' - MECHANICAL

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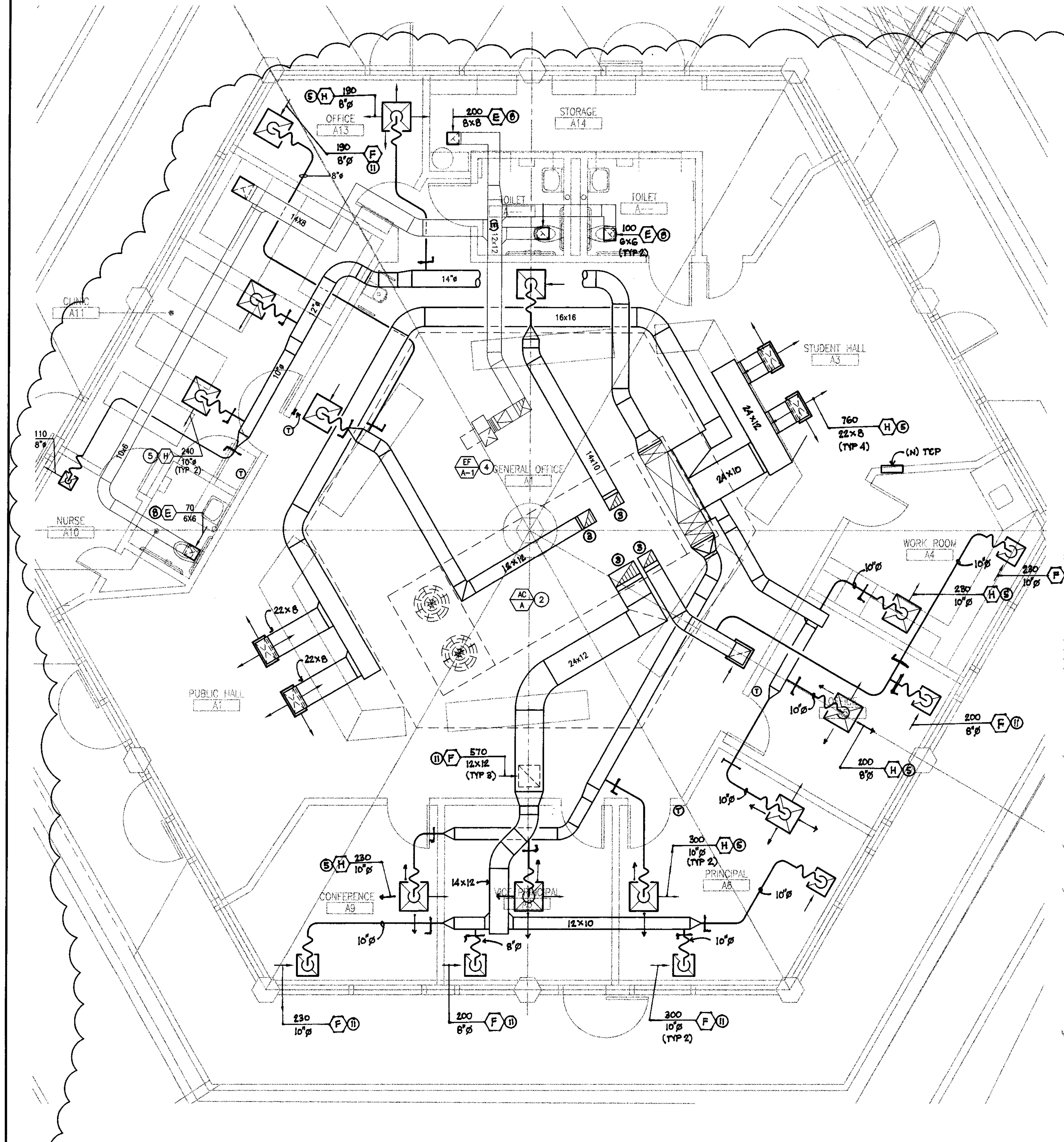
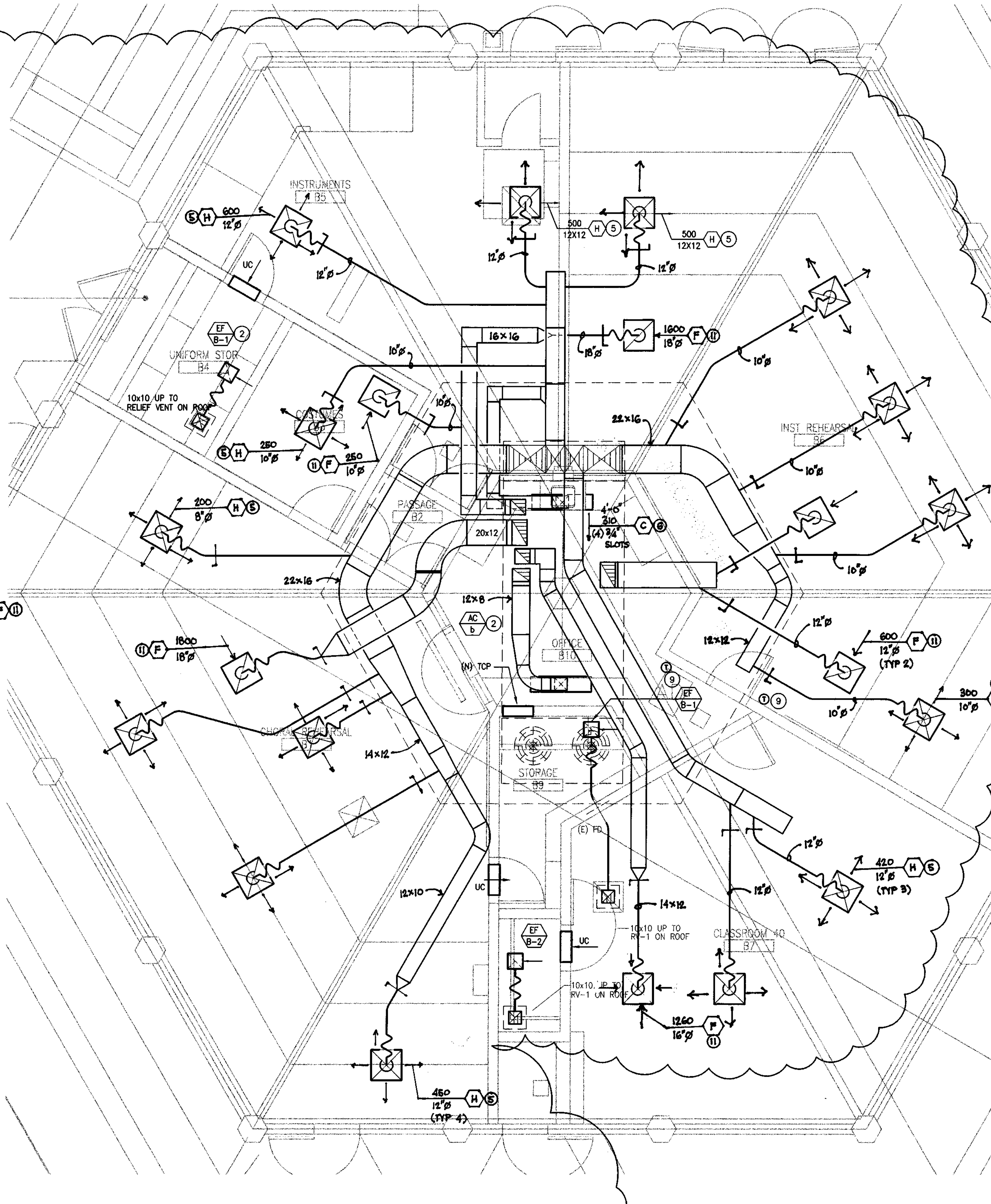


1 FLOOR PLAN-POD "A'

1/8"=1'-0"



2 FLOOR PLAN-POD "B'

1/8"=1'-0"

GENERAL SHEET NOTES

A. EXISTING PIPES AND DUCTS ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EQUIPMENT OR EXISTING PIPES ARE SHOWN.

B. EXISTING PIPES AND DUCTS ARE TO REMAIN EXCEPT OTHERWISE NOTED.

C. PIPES AND DUCTS ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

D. THERE ARE NO KNOWN AVAILABLE EXISTING DRAWINGS OF THE EXISTING TENANT IMPROVEMENT HVAC SYSTEMS. EXISTING DUCTWORK AND PIPE LOCATIONS ARE ASSUMED AND ARE BASED ON VISUAL INFORMATION GATHERED DURING FIELD SURVEY. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLING NEW DUCTWORK AND PIPES.

SHEET NOTES

① PROVIDE NEW ROOFTOP MULTIZONE VAV UNIT. SEE DRAWING M0.2 FOR SCHEDULE AND M6.1 FOR MOUNTING DETAIL..

② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2 FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON FACTORY CURB. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS..

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

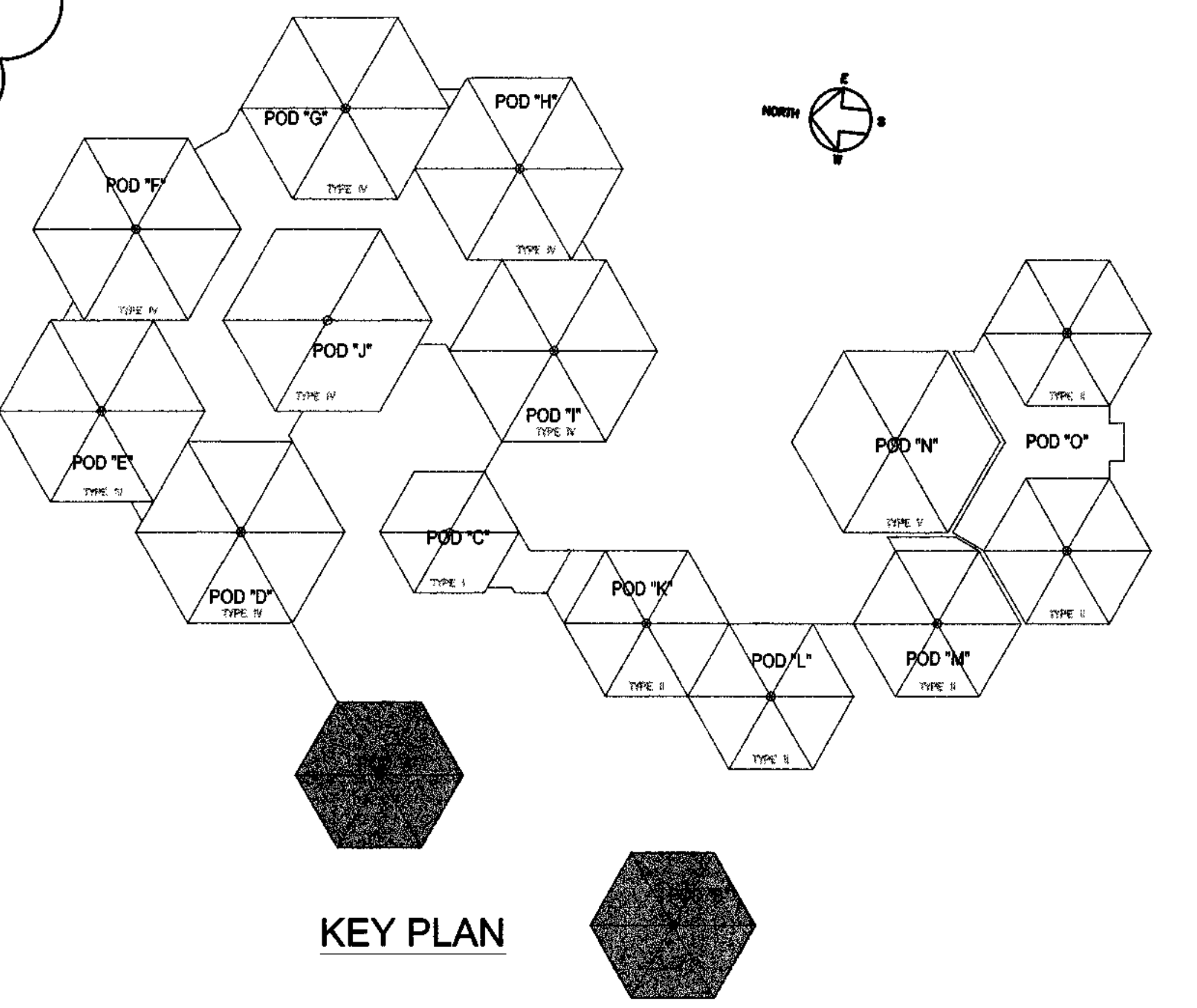
⑦ PROVIDE NEW TRANSFER GRILLE, SIZE AS SHOWN ON PLAN.

⑧ PROVIDE 1/2"X1/2"X1/2" EGGCRATE TYPE EXHAUST GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

⑩ CLEAN AND TEST (E) FIRE DAMPER (FD). PROVIDE UNIT PRICE TO REPLACE NON-FUNCTIONING/DAMAGED FD"S IN BID PRICE.

⑪ PROVIDE PERFORATED TYPE RETURN AIR GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.



KEY PLAN

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FLOOR PLANS POD 'A' & 'B' MECHANICAL

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07.09.99	DSA SUBMITTAL	
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M2.1

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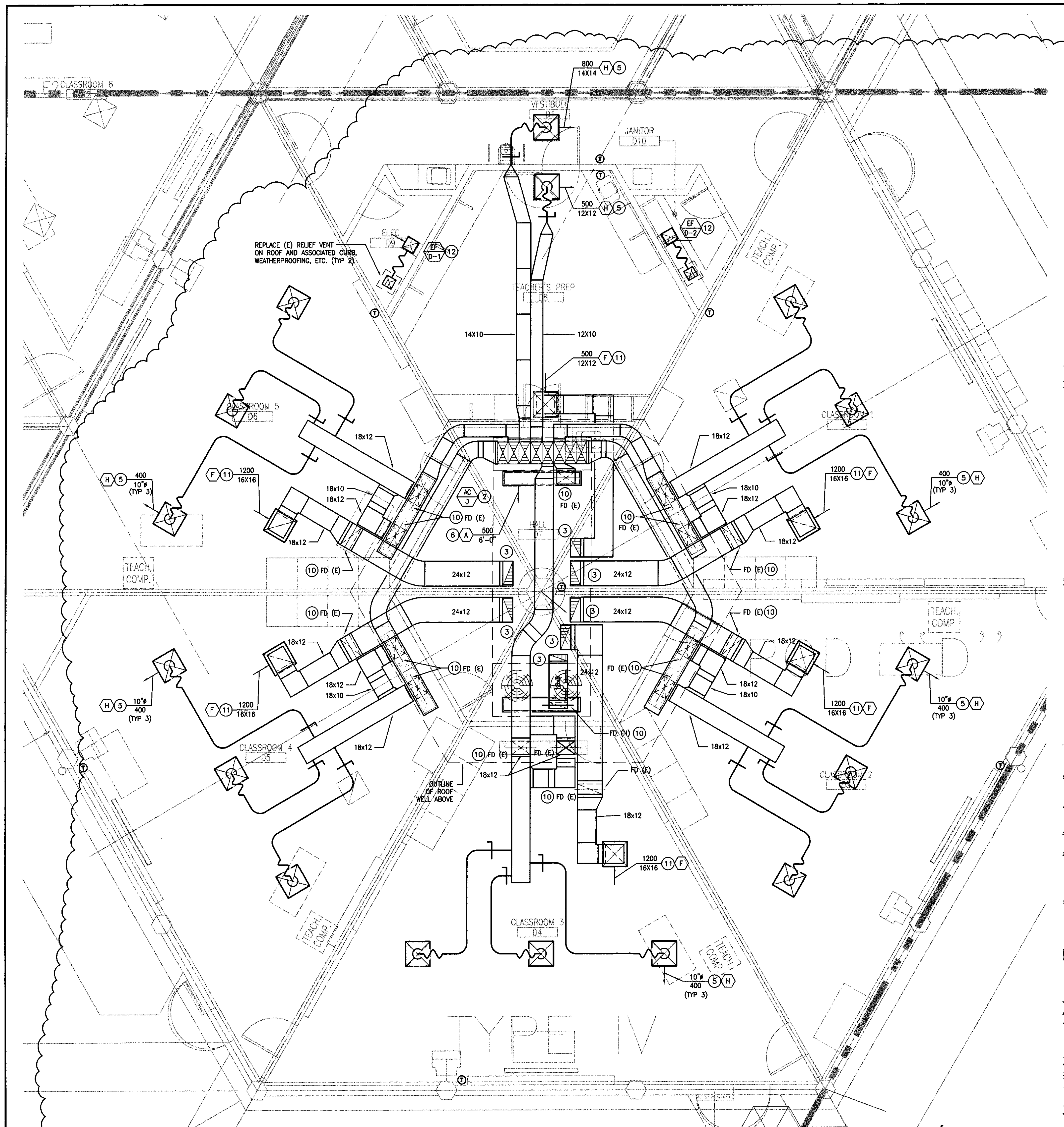


GENERAL SHEET NOTES

A. EXISTING PIPES AND DUCTS ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EQUIPMENT OR EXISTING PIPES ARE SHOWN.

B. EXISTING PIPES AND DUCTS ARE TO REMAIN EXCEPT OTHERWISE NOTED.

C. PIPES AND DUCTS ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

D. THERE ARE NO KNOWN AVAILABLE EXISTING DRAWINGS OF THE EXISTING TENANT IMPROVEMENT HVAC SYSTEMS. EXISTING DUCTWORK AND PIPE LOCATIONS ARE ASSUMED AND ARE BASED ON VISUAL INFORMATION GATHERED DURING FIELD SURVEY. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLING NEW DUCTWORK AND PIPES.

SHEET NOTES

① PROVIDE NEW ROOFTOP MULTIZONE VAV UNIT. SEE DRAWING M0.2 FOR SCHEDULE AND M6.1 FOR MOUNTING DETAIL.

② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2R FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON SLEEPER. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS.

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑦ PROVIDE NEW TRANSFER GRILLE, SIZE AS SHOWN ON PLAN.

⑧ PROVIDE 1/2"X1/2"X1/2" EGGCRATE TYPE EXHAUST GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

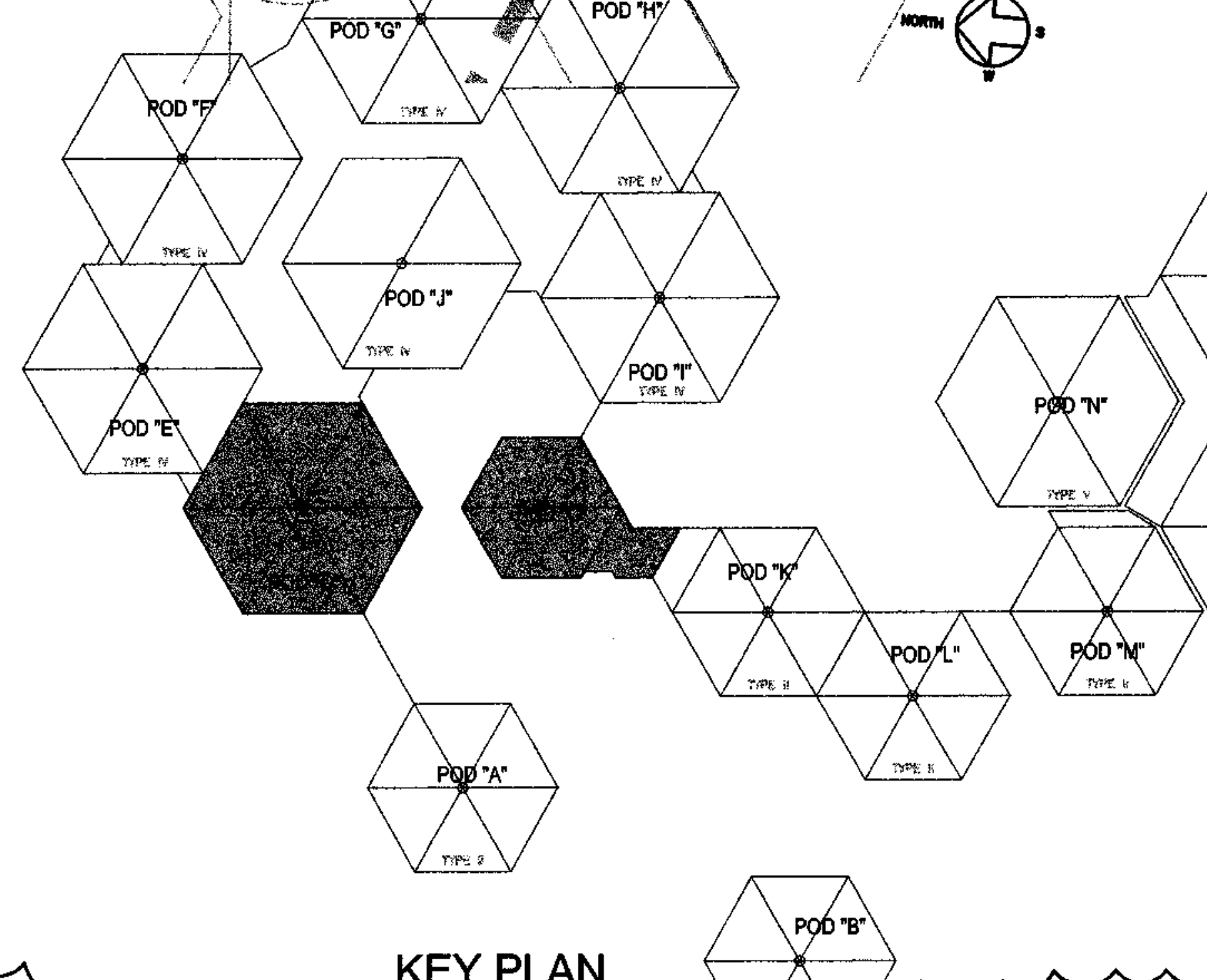
⑩ CLEAN AND TEST (E) FIRE DAMPER (FD). PROVIDE UNIT PRICE TO REPLACE NON-FUNCTIONING/DAMAGED FD"S IN BID PRICE.

⑪ PROVIDE PERFORATED TYPE RETURN AIR GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

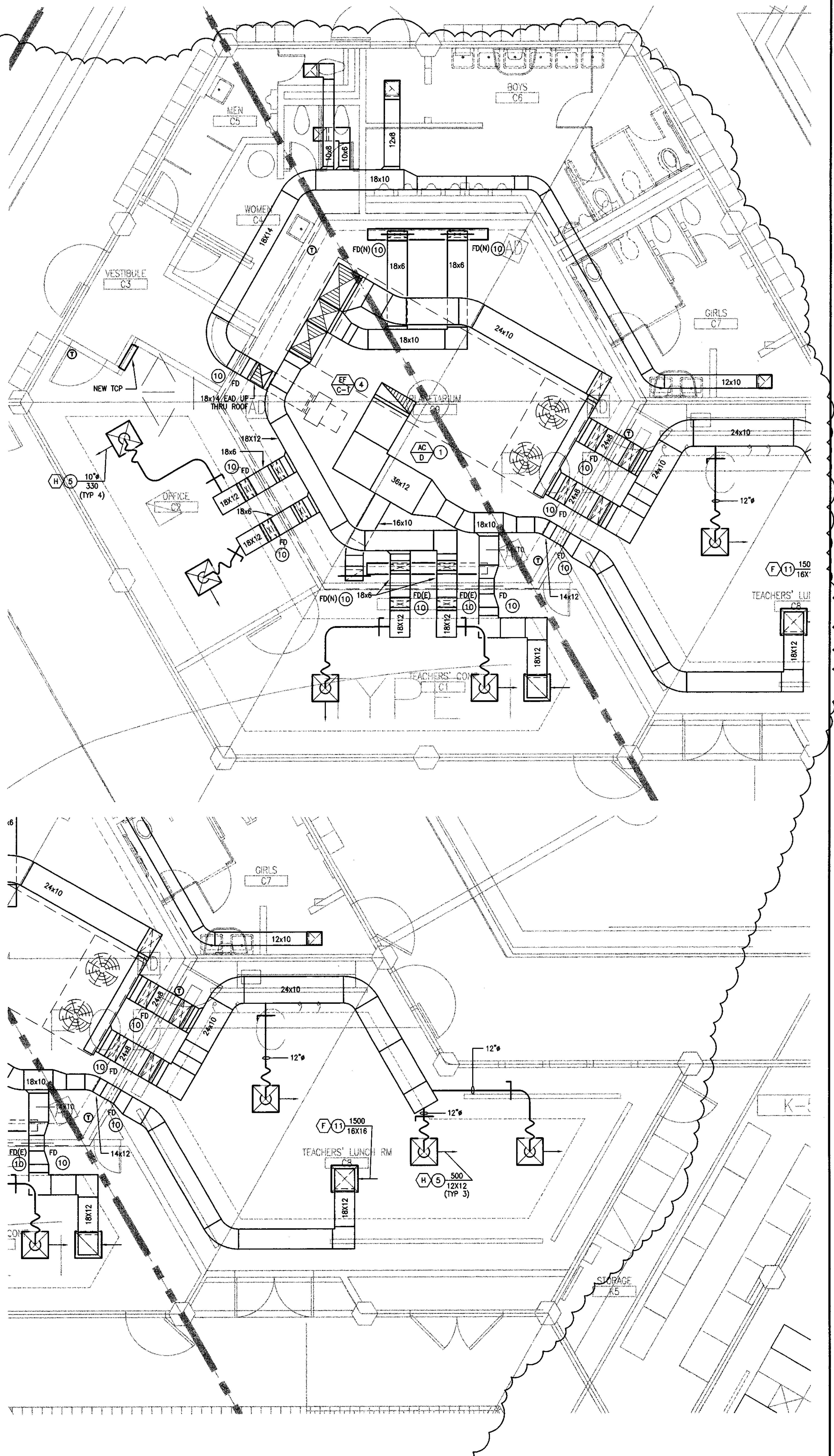
⑫ PROVIDE CEILING MOUNTED EXHAUST FAN, RELIEF VENT ON ROOF AND ASSOCIATED FACTORY ROOF CURB. SEE DRAWING M6.XR FOR MOUNTING DETAIL.

① DEMOLITION FLOOR PLAN-POD "D"

1/4"=1'-0"



KEY PLAN



② DEMOLITION FLOOR PLAN-POD "C"

1/4"=1'-0"

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LEE KARNEY
C 3158
EXP: 12/31/99

ARCHITECT'S STAMP

LEVI F. MALABUYO
No. M26141
Ren. 6/30/05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
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AC ____ F/LS ____ SS ____
APPL NO. 01-101834 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

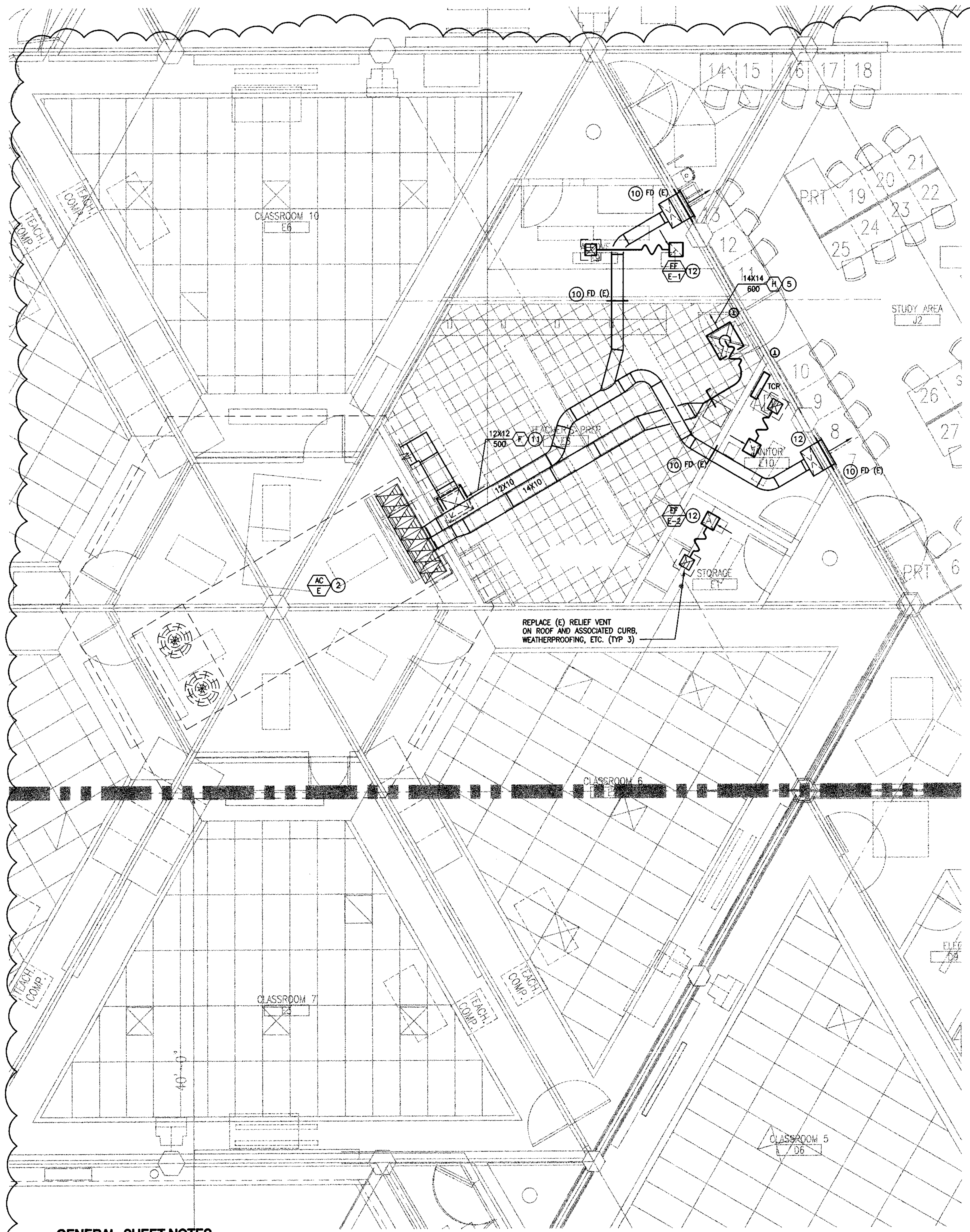
FLOOR PLAN
POD 'C' & 'D'
MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

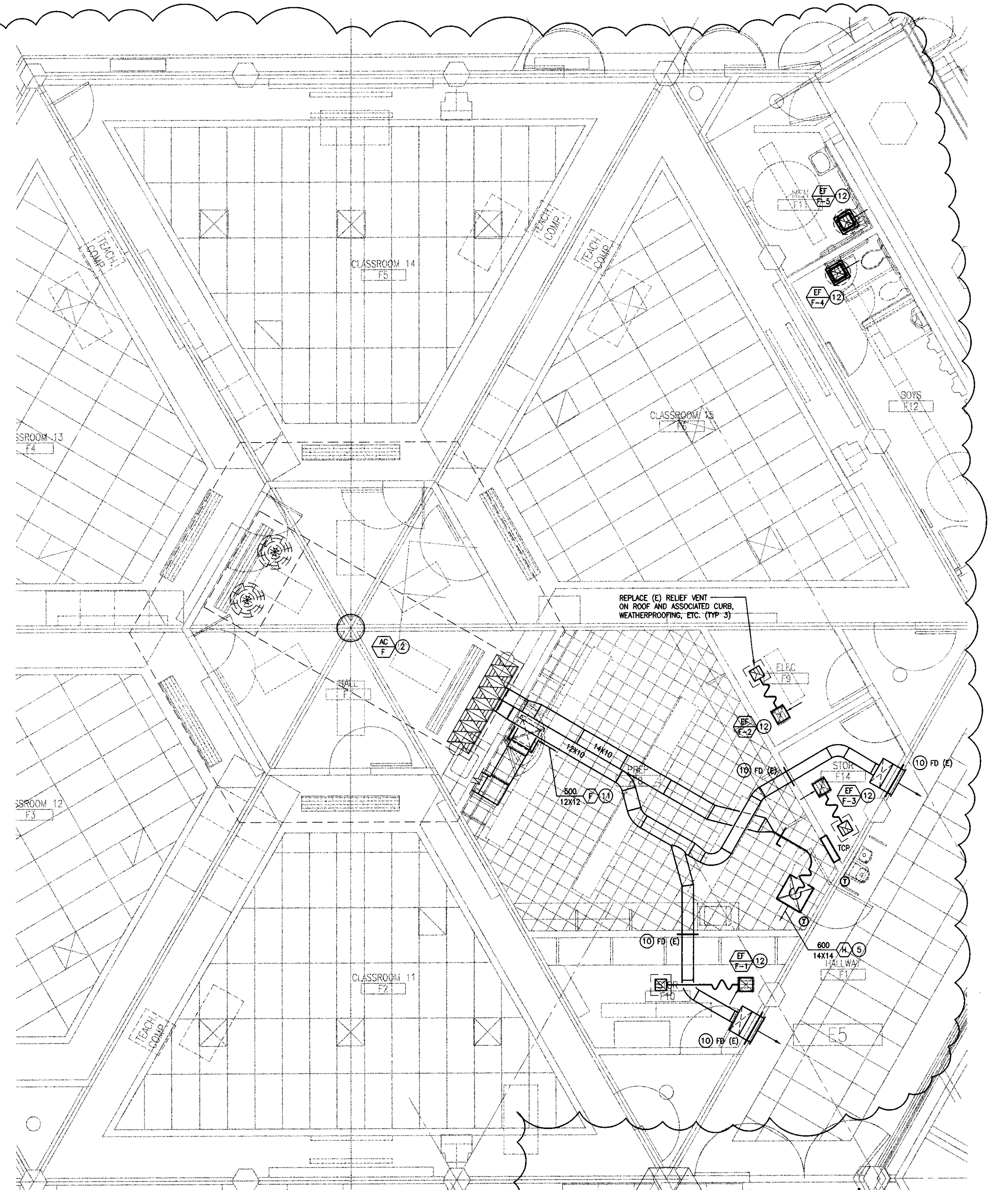
DRAWN BY: CHECKED BY:

M2.2

JOB NO: 99041B OF SHEETS



REPLACE (E) RELIEF VENT ON ROOF AND ASSOCIATED CURB, WEATHERPROOFING, ETC. (TYP 3)



REPLACE (E) RELIEF VENT ON ROOF AND ASSOCIATED CURB, WEATHERPROOFING, ETC. (TYP 3)

GENERAL SHEET NOTES

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SHEET NOTES

① PROVIDE NEW ROOFTOP MULTIZONE VAV UNIT. SEE DRAWING M0.2 FOR SCHEDULE AND M6.1 FOR MOUNTING DETAIL..

② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2 FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON FACTORY CURB. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS..

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑦ PROVIDE NEW TRANSFER GRILLE, SIZE AS SHOWN ON PLAN.

⑧ PROVIDE 1/2"X1/2"X1/2" EGGCRATE TYPE EXHAUST GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

⑩ CLEAN AND TEST (E) FIRE DAMPER (FD). PROVIDE UNIT PRICE TO REPLACE NON-FUNCTIONING/DAMAGED FD"S IN BID PRICE.

⑪ PROVIDE PERFORATED TYPE RETURN AIR GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑫ PROVIDE CEILING MOUNTED EXHAUST FAN, RELIEF VENT ON ROOF AND ASSOCIATED FACTORY ROOF CURB. SEE DRAWING M6.1 FOR MOUNTING DETAIL.

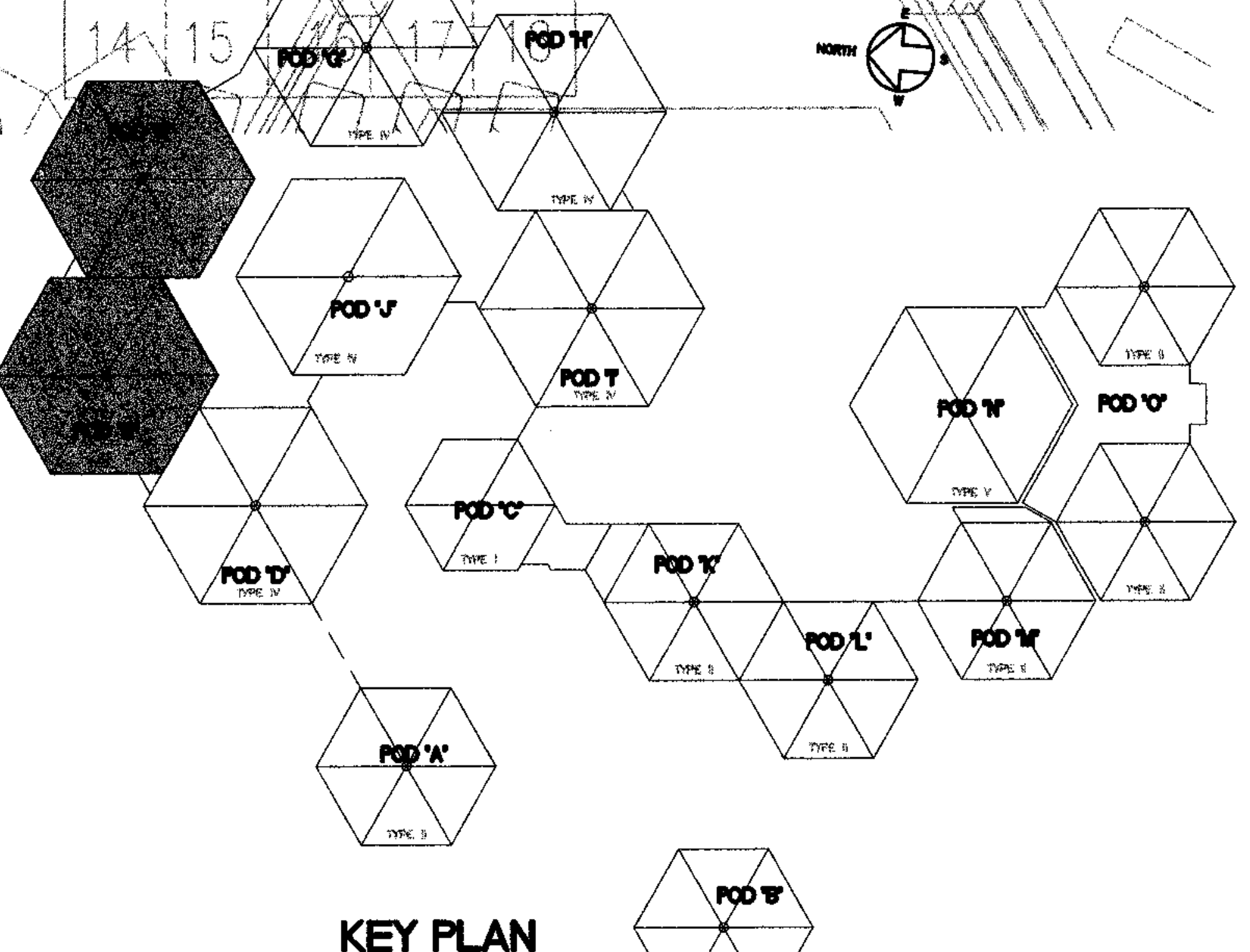
NOTE:

POD "E" MECHANICAL WORK IS IDENTICAL TO THAT SHOWN FOR POD "D", EXCEPT AS NOTED ABOVE.

NOTE:

POD "F" MECHANICAL WORK IS IDENTICAL TO THAT SHOWN FOR POD "D", EXCEPT AS NOTED ABOVE.

1



KEY PLAN

② DEMOLITION FLOOR PLAN-POD "F"

1/8"=1'-0"

① DEMOLITION FLOOR PLAN-POD "E"

1/8"=1'-0"

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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 STATE OF CALIFORNIA

ARCHITECT'S STAMP

No. M26141 Ren. 6/30/05 MECHANICAL STATE OF CALIFORNIA

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1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ FLS ___ SS ___
APPL NO ___ DATE 11-13-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

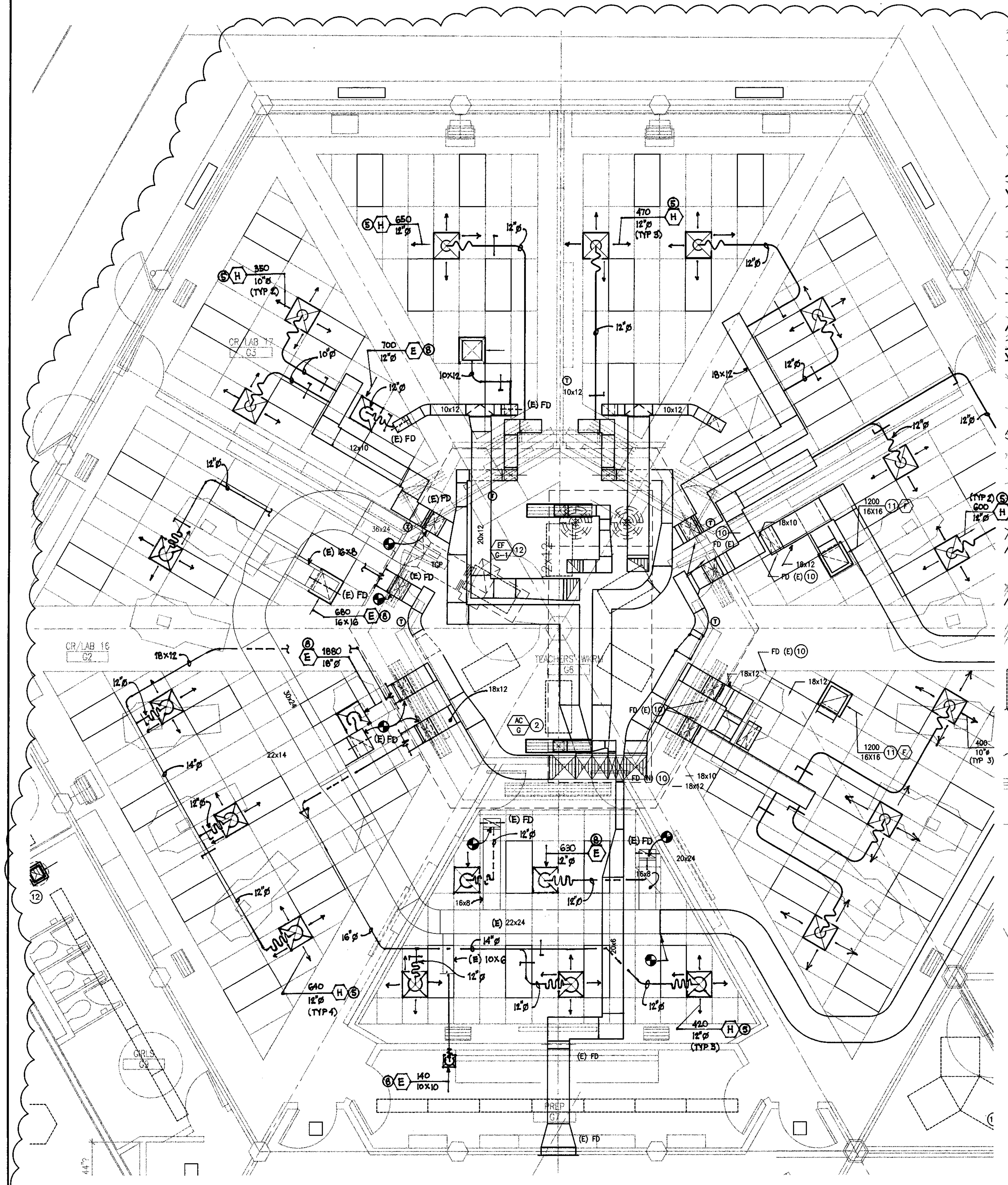
DEMOLITION FLOOR PLAN POD 'E' & 'F' MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

DRAWN BY: CHECKED BY:

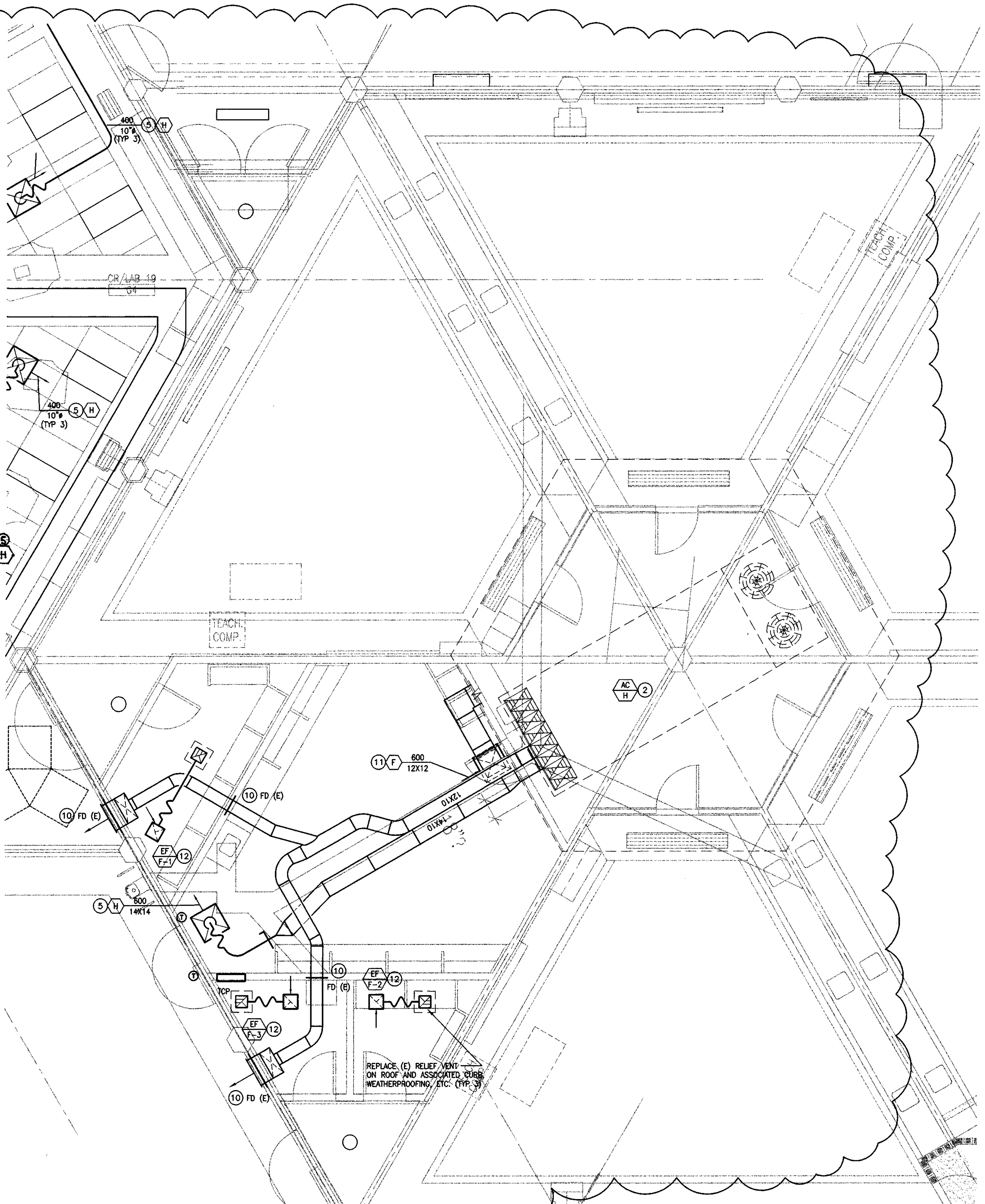
M2.3

JOB NO: 99041B OF SHEETS



1 **DEMOLITION FLOOR PLAN-POD 'G'**

1/8"=1'-0"



NOTE:

POD "H" MECHANICAL WORK IS IDENTICAL TO THAT SHOWN FOR POD "D", EXCEPT AS NOTED ABOVE.

2 **DEMOLITION FLOOR PLAN-POD "H"**

1/8"=1'-0"

GENERAL SHEET NOTES

A. EXISTING PIPES AND DUCTS ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EQUIPMENT OR EXISTING PIPES ARE SHOWN.

B. EXISTING PIPES AND DUCTS ARE TO REMAIN EXCEPT OTHERWISE NOTED.

C. PIPES AND DUCTS ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

D. THERE ARE NO KNOWN AVAILABLE EXISTING DRAWINGS OF THE EXISTING TENANT IMPROVEMENT HVAC SYSTEMS. EXISTING DUCTWORK AND PIPE LOCATIONS ARE ASSUMED AND ARE BASED ON VISUAL INFORMATION GATHERED DURING FIELD SURVEY. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLING NEW DUCTWORK AND PIPES.

SHEET NOTES

① PROVIDE NEW ROOFTOP MULTIZONE VAV UNIT. SEE DRAWING M0.2 FOR SCHEDULE AND M6.1 FOR MOUNTING DETAIL..

② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2 FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON FACTORY CURB. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS..

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑦ PROVIDE NEW TRANSFER GRILLE, SIZE AS SHOWN ON PLAN.

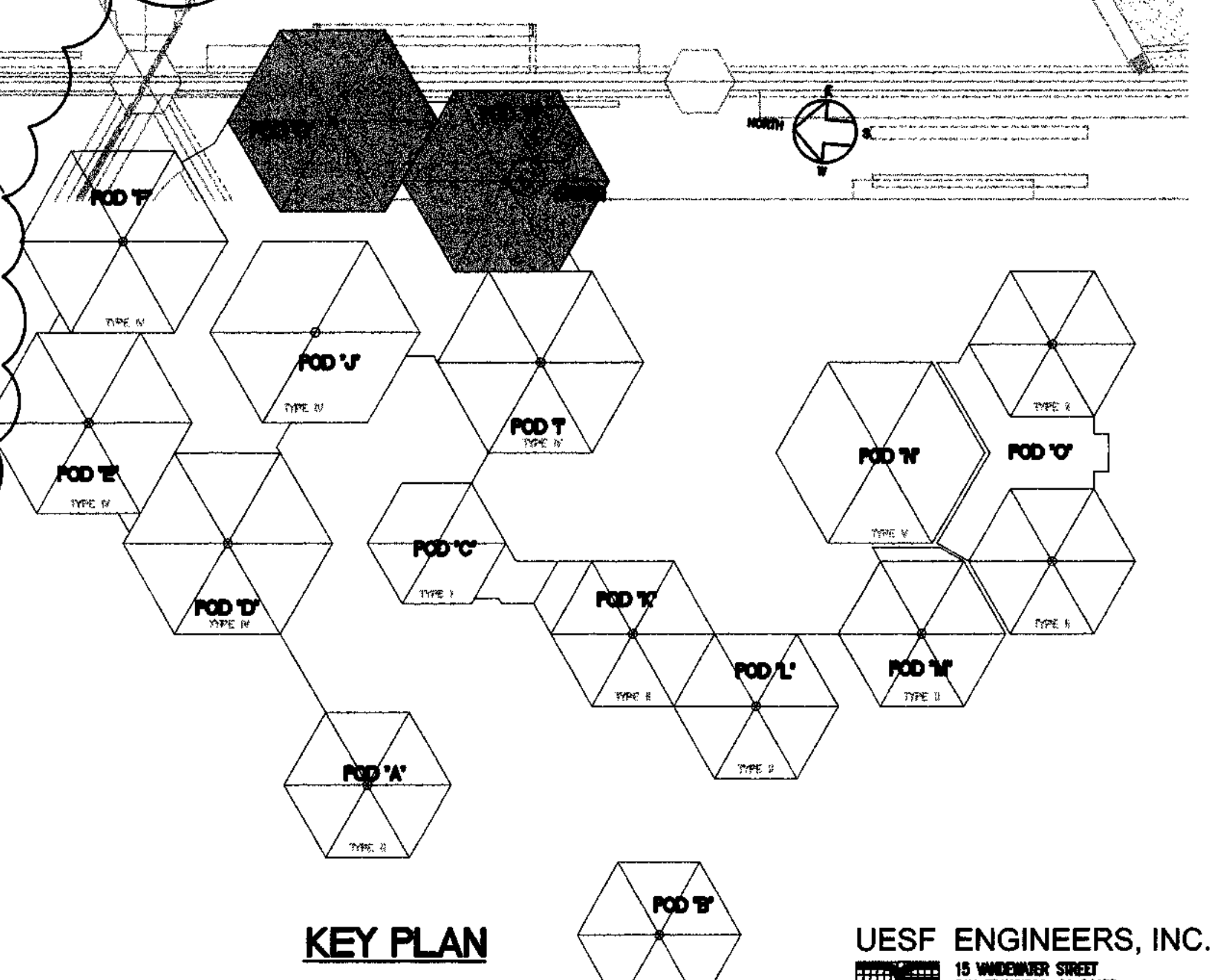
⑧ PROVIDE 1/2"X1/2"X1/2" EGGCRATE TYPE EXHAUST GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

⑩ CLEAN AND TEST (E) FIRE DAMPER (FD). PROVIDE UNIT PRICE TO REPLACE NON-FUNCTIONING/DAMAGED FD"S IN BID PRICE.

⑪ PROVIDE PERFORATED TYPE RETURN AIR GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑫ PROVIDE ROOF MOUNTED EXHAUST FAN, MOUNT ON ROOF CURB AND VIBRATION ISOLATORS ON ROOF. SEE DRAWING M6.1 FOR MOUNTING DETAIL.



KEY PLAN

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LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP: 12/31/99

ARCHITECT'S STAMP

LEVI F. MALABUYO
No. M26141
Ren. 6/30/05
MECHANICAL

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

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AUTHORITY APPROVAL

FLOOR PLANS POD 'G' & 'H' MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
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11.13.03	ADDENDUM NO 1	1

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M2.4

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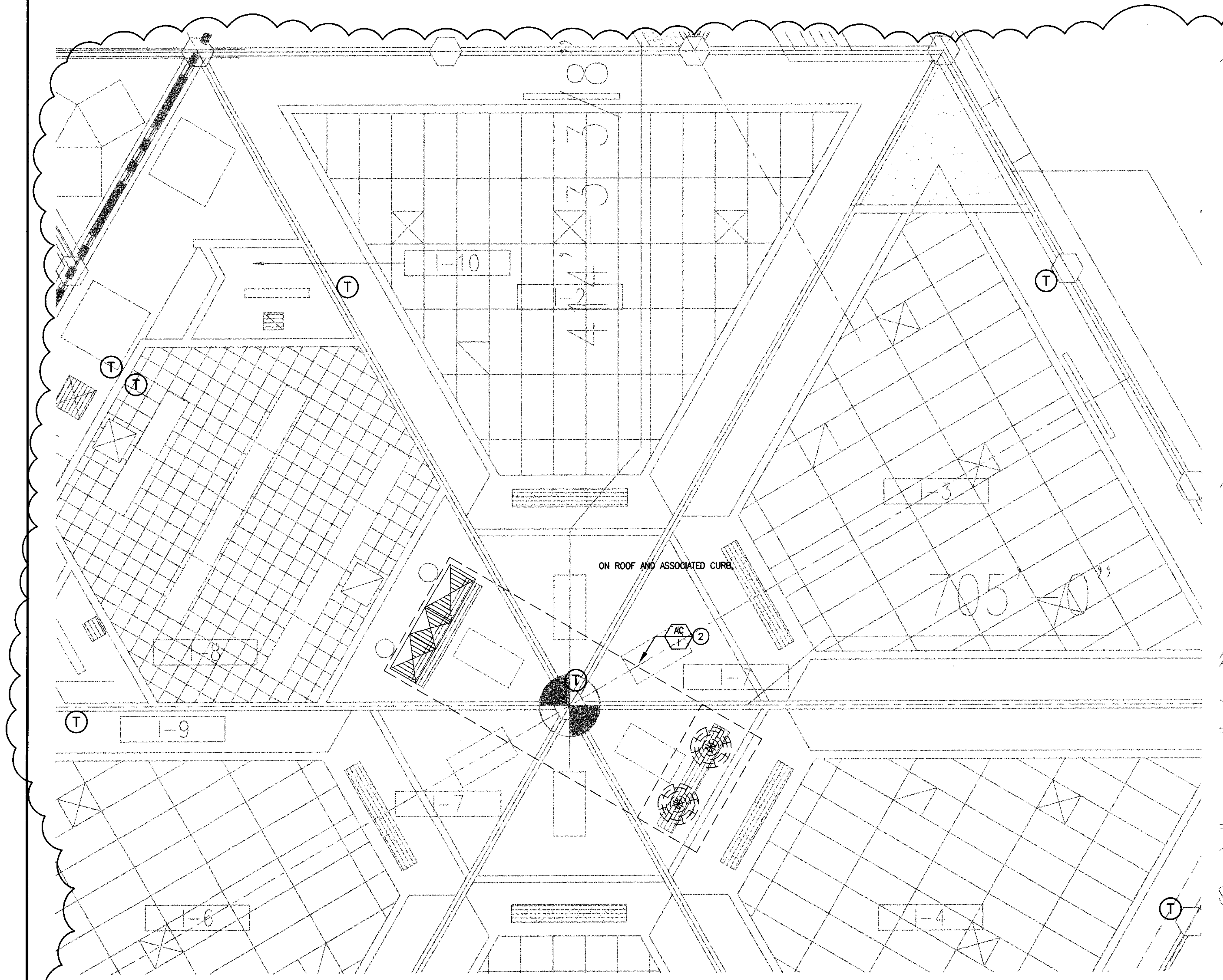
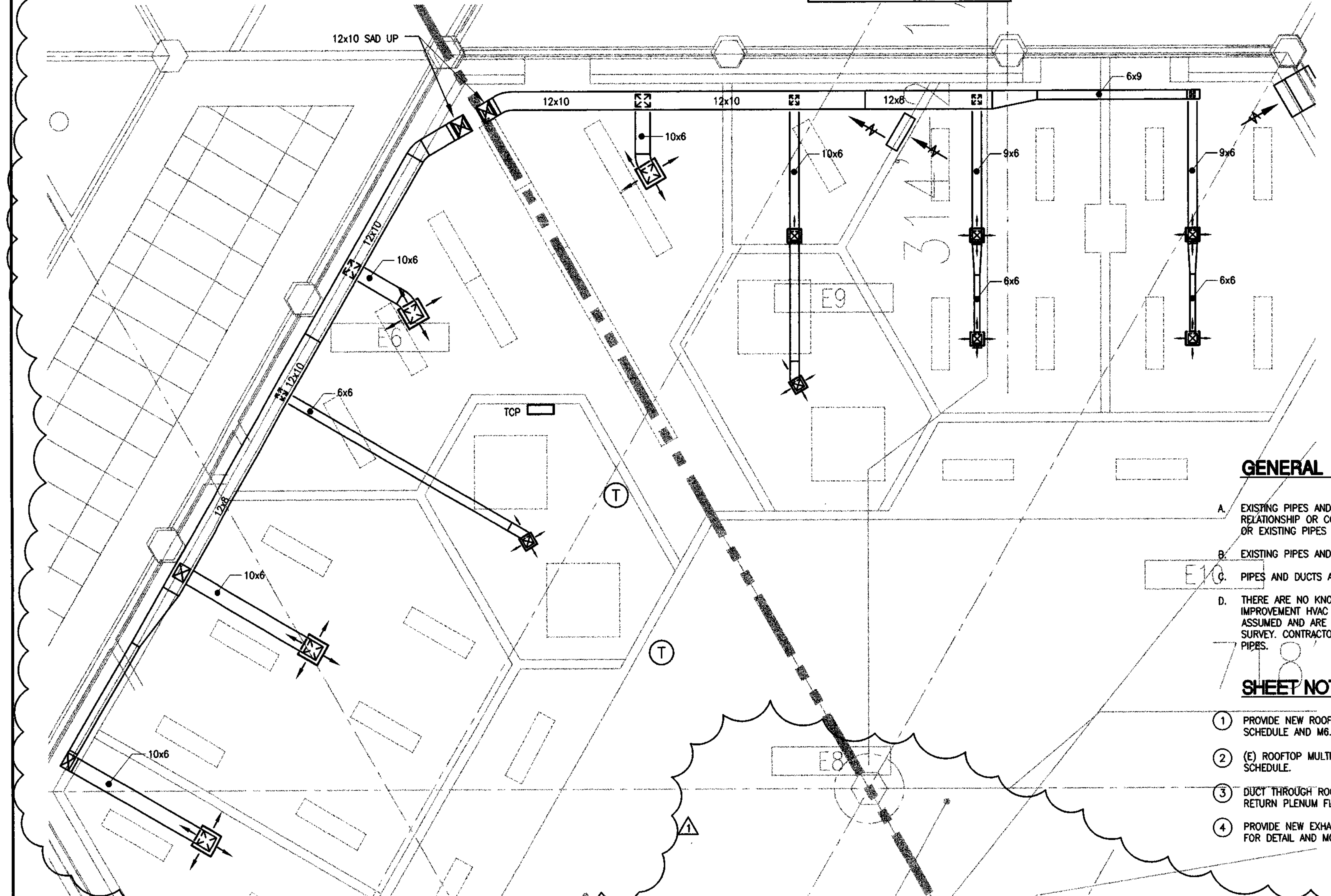


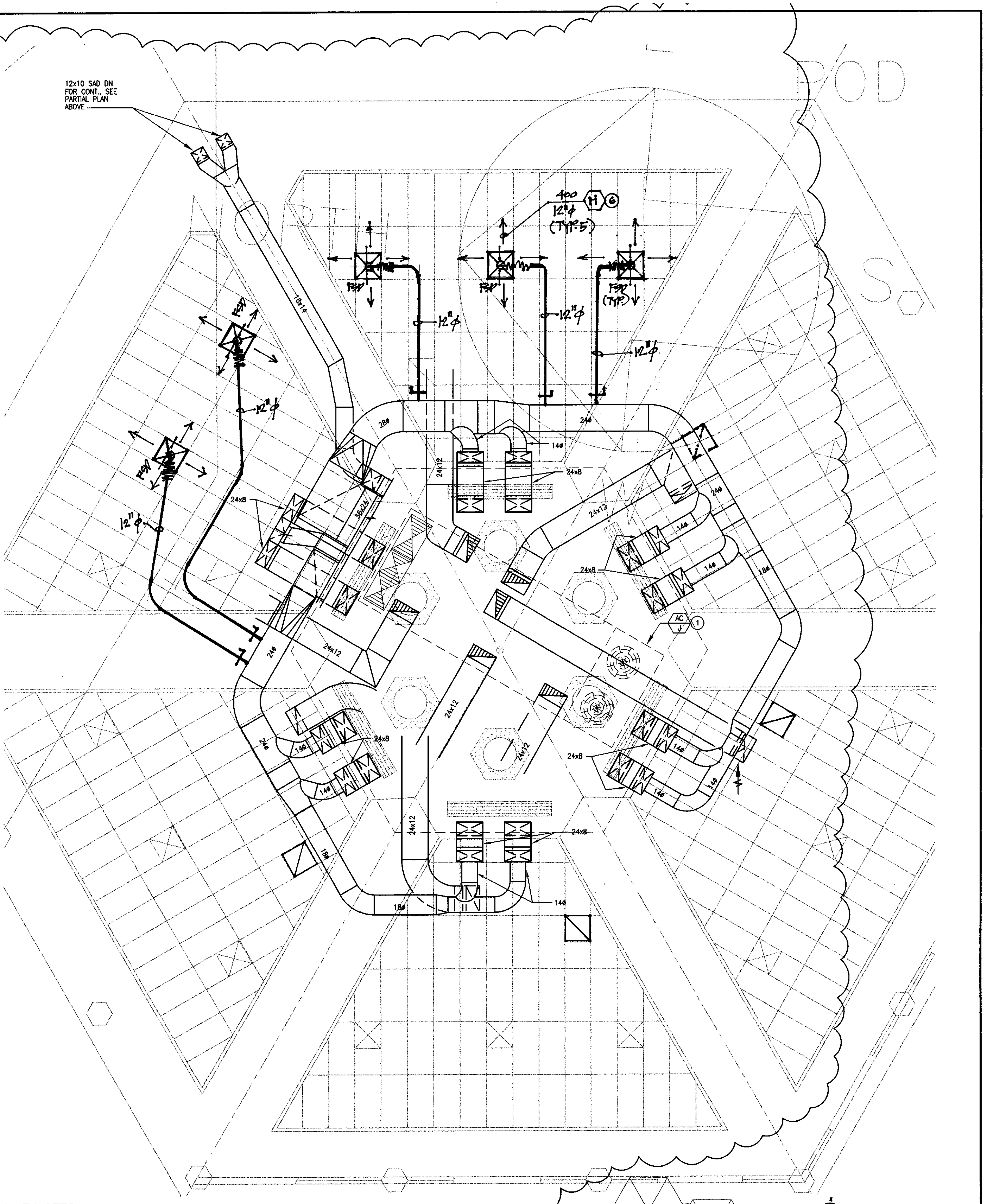
FLOOR PLAN-POD "I"
1/8"=1'-0"

NOTE:

POD "I" MECHANICAL WORK IS IDENTICAL TO THAT SHOWN FOR POD "D", EXCEPT AS NOTED ABOVE.



FLOOR PLAN-POD "J"
1/8"=1'-0"



MEZZANINE PLAN-POD "J"
1/8"=1'-0"

GENERAL SHEET NOTES

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B. EXISTING PIPES AND DUCTS ARE TO REMAIN EXCEPT OTHERWISE NOTED.

C. PIPES AND DUCTS ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

D. THERE ARE NO KNOWN AVAILABLE EXISTING DRAWINGS OF THE EXISTING TENANT IMPROVEMENT HVAC SYSTEMS. EXISTING DUCTWORK AND PIPE LOCATIONS ARE ASSUMED AND ARE BASED ON VISUAL INFORMATION GATHERED DURING FIELD SURVEY. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLING NEW DUCTWORK AND PIPES.

SHEET NOTES

① PROVIDE NEW ROOFTOP MULTIZONE VAV UNIT. SEE DRAWING M0.2R FOR SCHEDULE AND M6.1R FOR MOUNTING DETAIL..

② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2R FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON FACTORY CURB. SEE DWG M6.1R FOR DETAIL AND M0.2R FOR SCHEDULED REQUIREMENTS..

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

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⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

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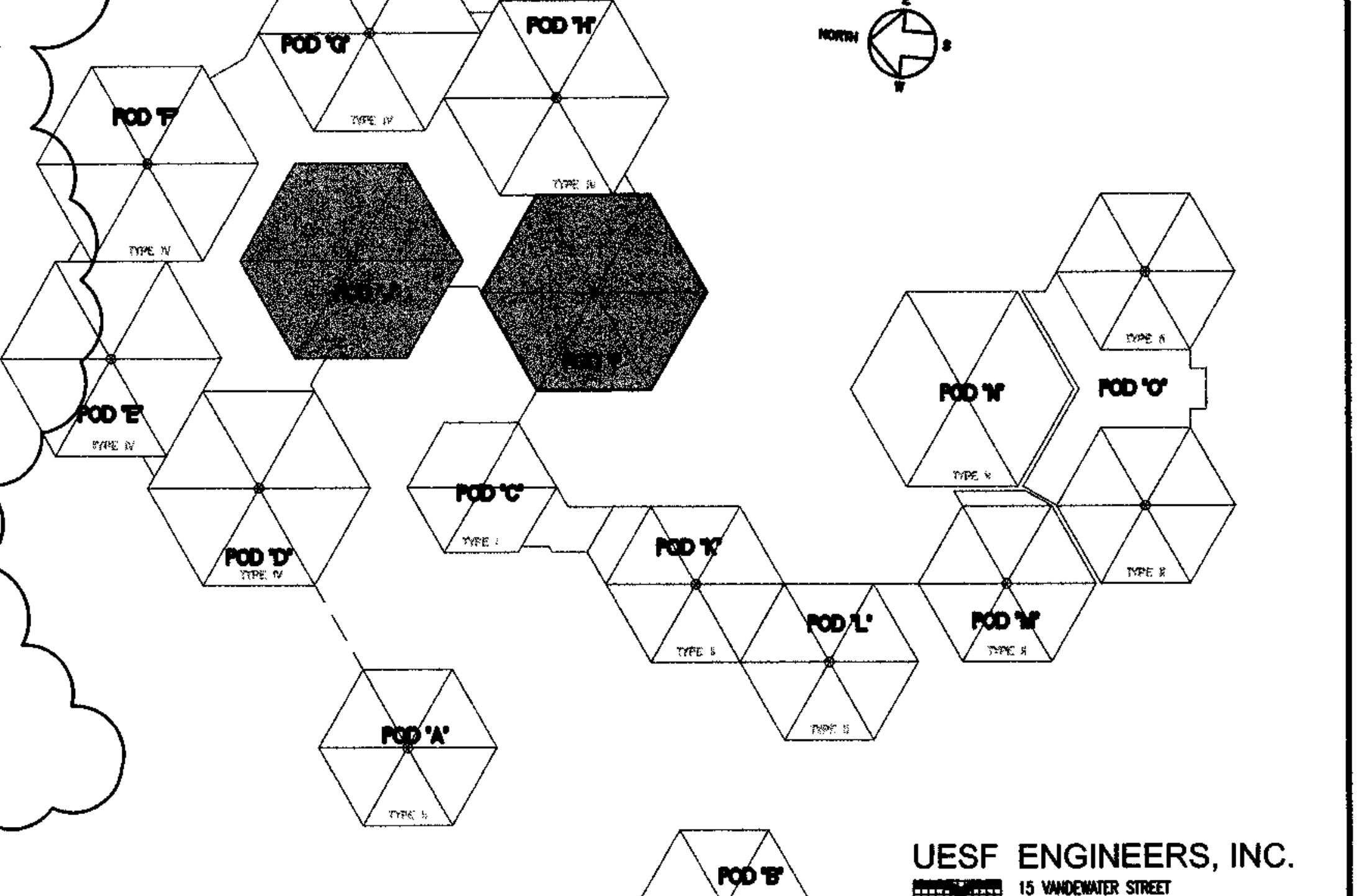
⑫ PROVIDE CEILING MOUNTED EXHAUST FAN, RELIEF VENT ON ROOF AND ASSOCIATED FACTORY ROOF CURB. SEE DRAWING M6.XR FOR MOUNTING DETAIL.



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AUTHORITY APPROVAL

FLOOR PLANS
POD 'I' & 'J'
MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
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11.13.03	ADDENDUM NO 1	1

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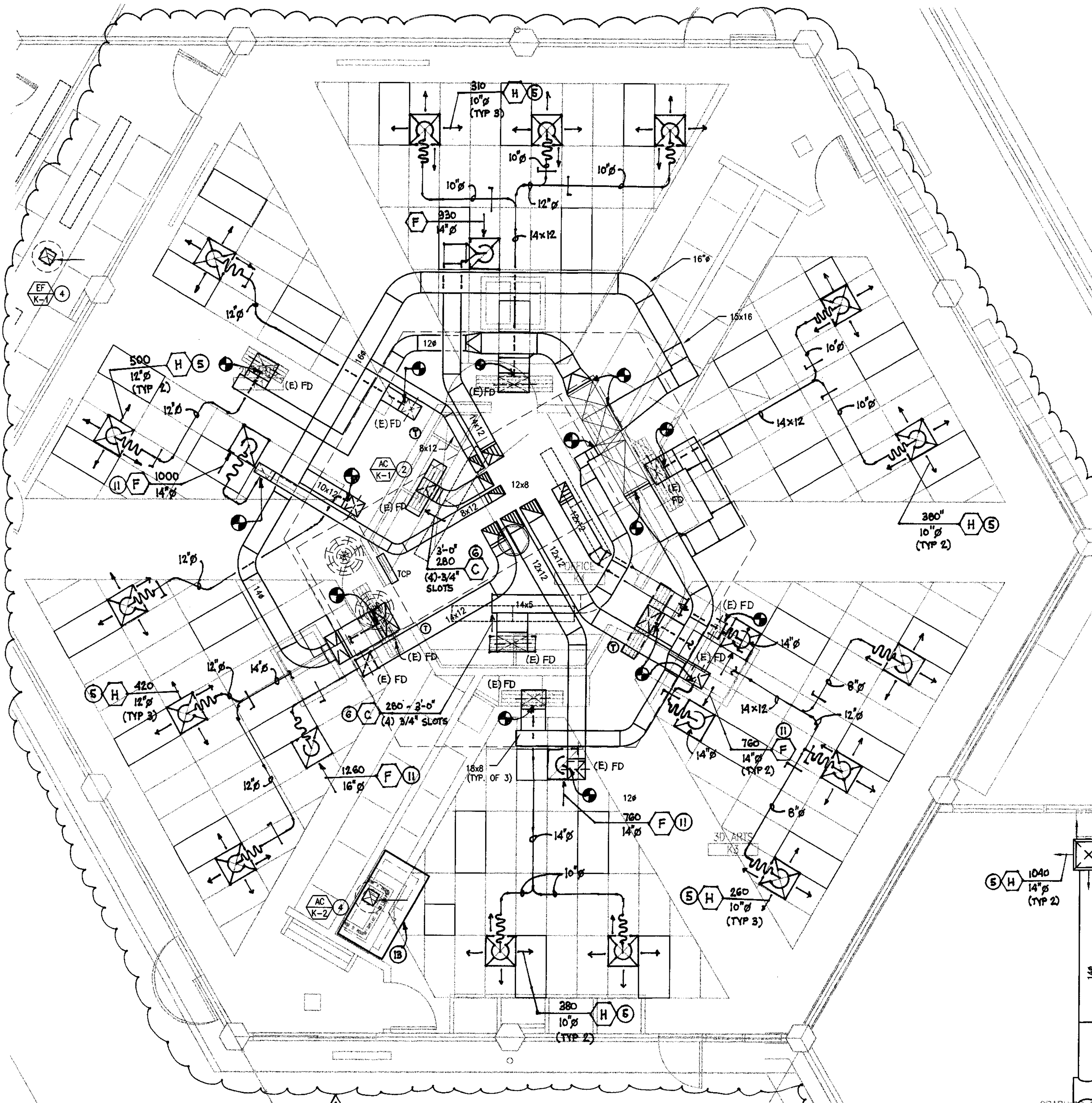
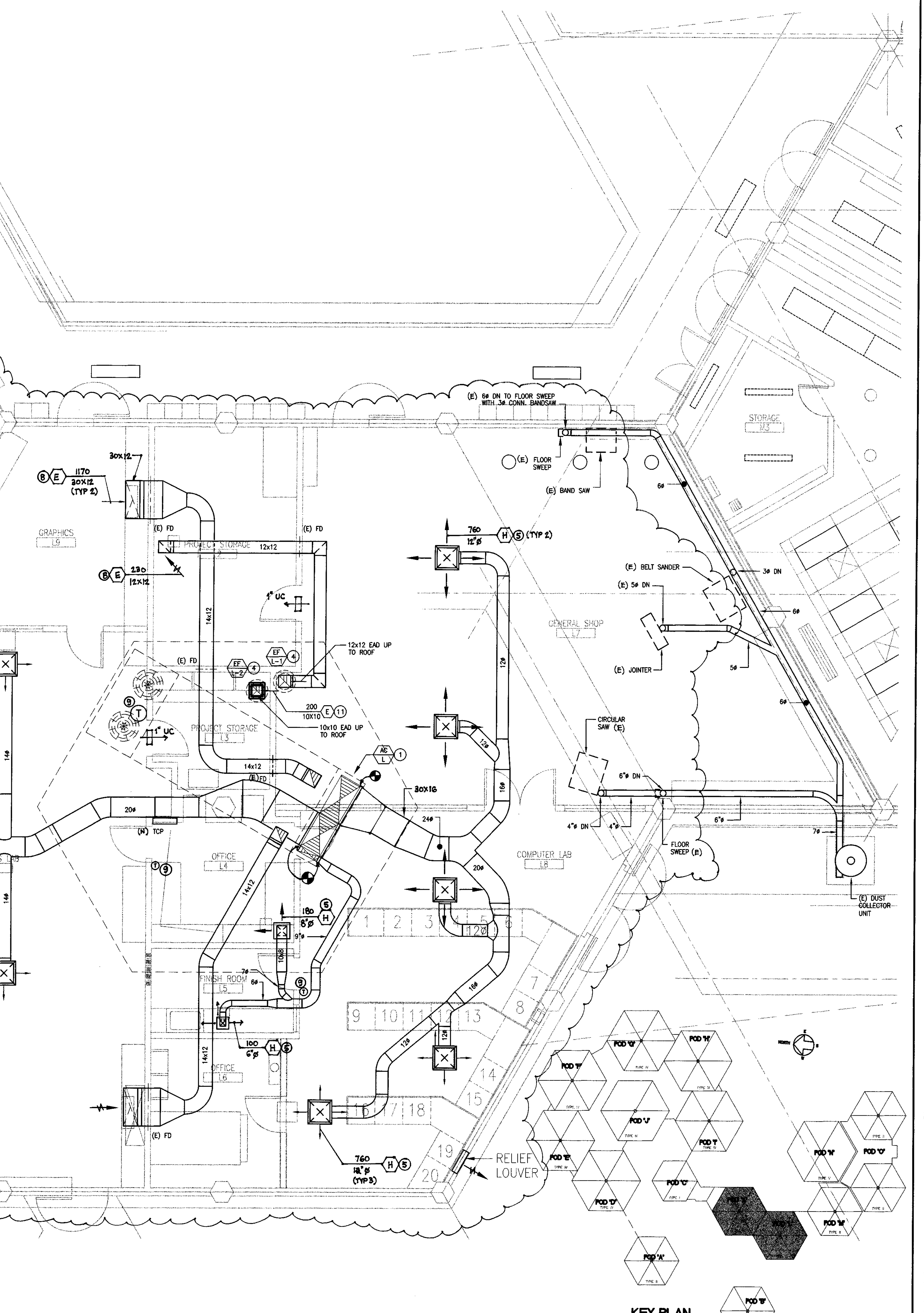
M2.5

JOB NO: 99041B OF SHEETS



1 DEMOLITION FLOOR PLAN-POD "K"

1/8"=1'-0"



2 DEMOLITION FLOOR PLAN-POD "L"

1/8"=1'-0"

KEY PLAN

GENERAL SHEET NOTES

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SHEET NOTES

① PROVIDE NEW ROOFTOP MULTIZONE VAV UNIT. SEE DRAWING M0.2 FOR SCHEDULE AND M6.1 FOR MOUNTING DETAIL.

② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2 FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON FACTORY CURB. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS.

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑦ PROVIDE NEW TRANSFER GRILLE, SIZE AS SHOWN ON PLAN.

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⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

⑩ CLEAN AND TEST (E) FIRE DAMPER (FD). PROVIDE UNIT PRICE TO REPLACE NON-FUNCTIONING/DAMAGED FD"S IN BID PRICE.

⑪ PROVIDE PERFORATED TYPE RETURN AIR GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑫ PROVIDE CEILING MOUNTED EXHAUST FAN, RELIEF VENT ON ROOF AND ASSOCIATED FACTORY ROOF CURB. SEE DRAWING M6.1 FOR MOUNTING DETAIL.

⑬ PROVIDE STAINLESS STEEL HOOD, 24" DEEP BY 74" LONG BY 40" WIDE WITH 12X10 EXHAUST CONNECTION. CONNECT TO NEW EXHAUST FAN ON ROOF AS SHOWN.

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C 3158
EXP: 12/31/99

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No. M26141
Ren. 6/30/05

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FLOOR PLANS POD 'K' & 'L' MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
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11.13.03	ADDENDUM NO 1	1

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M2.6

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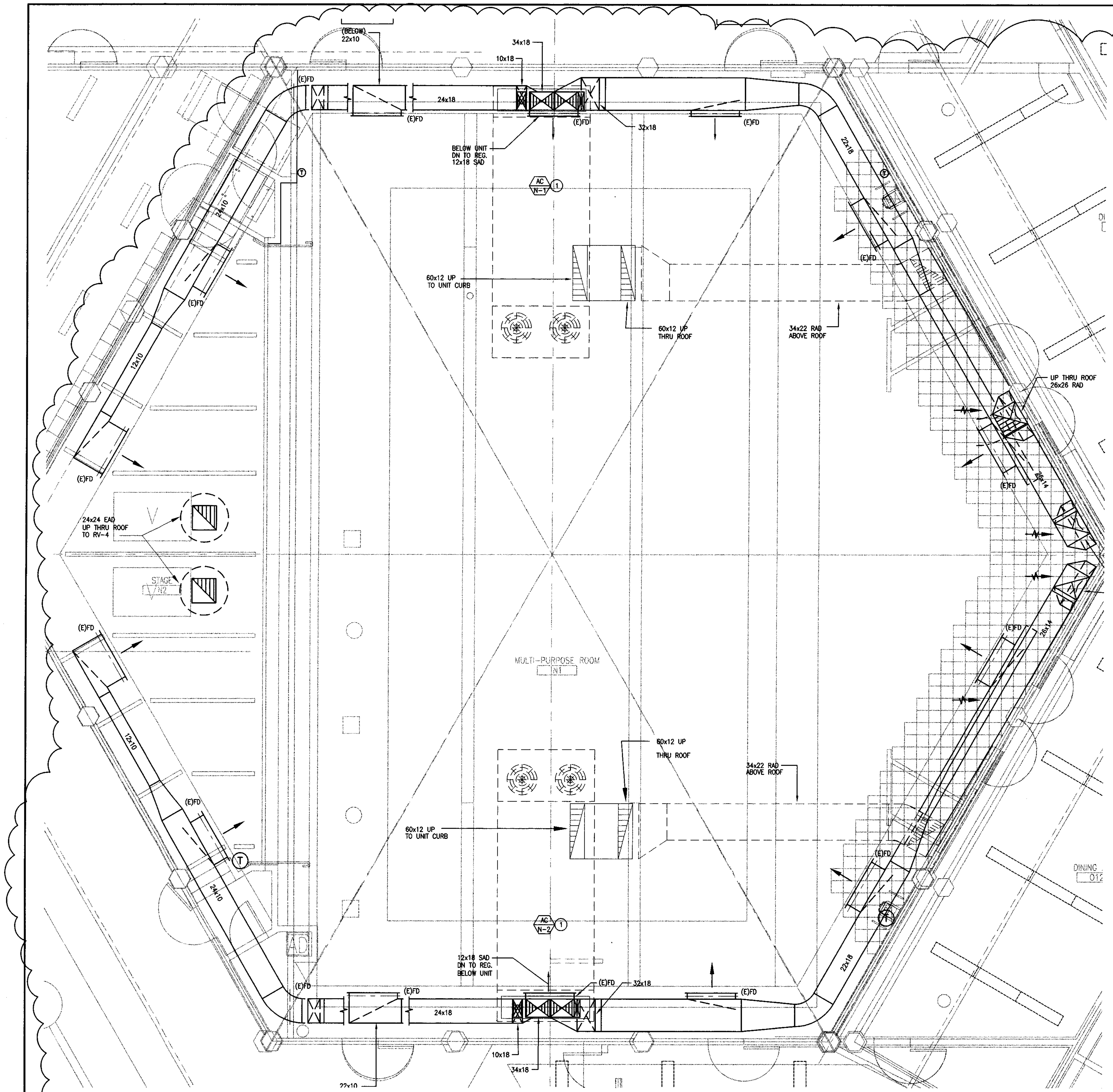
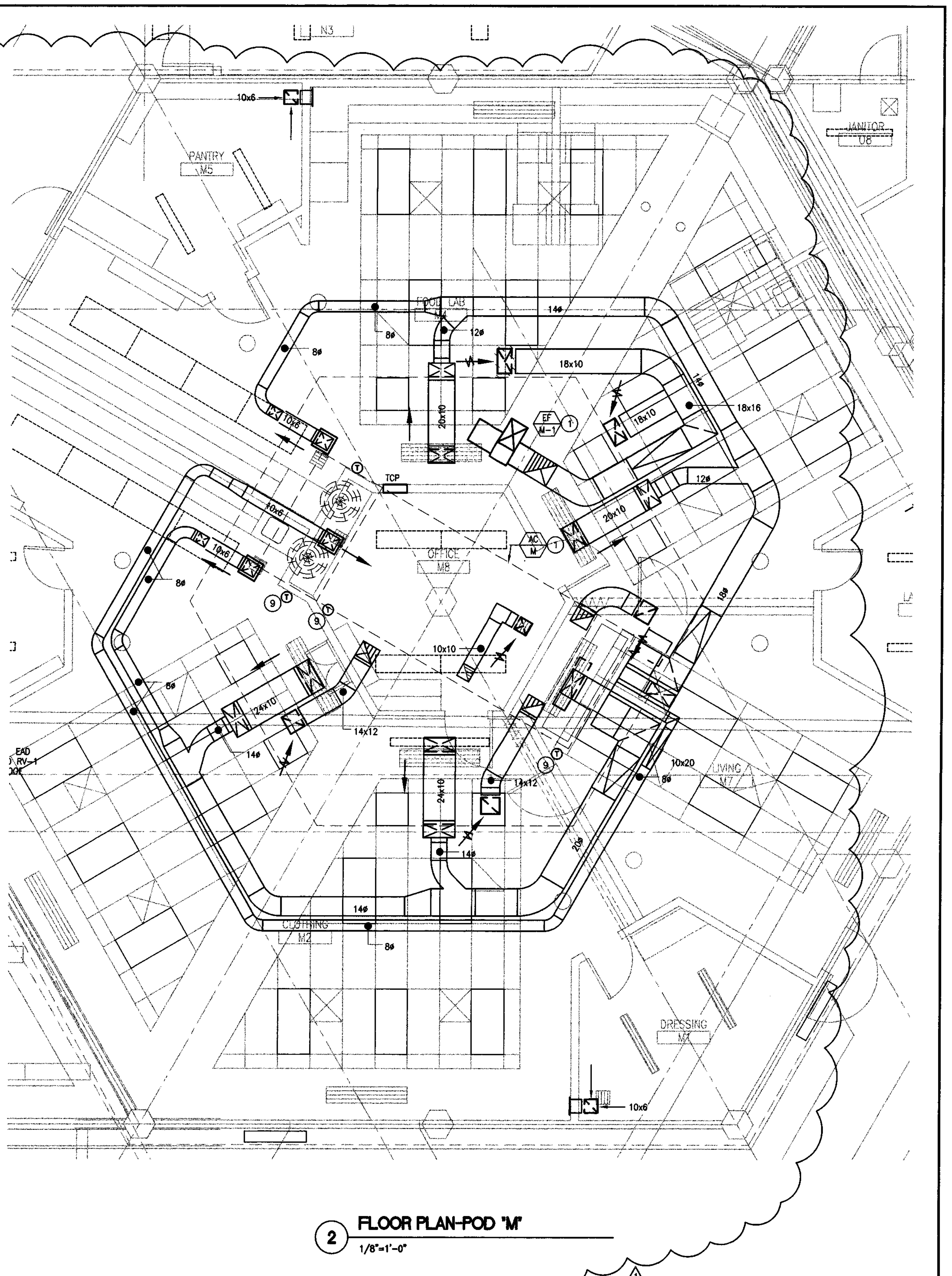


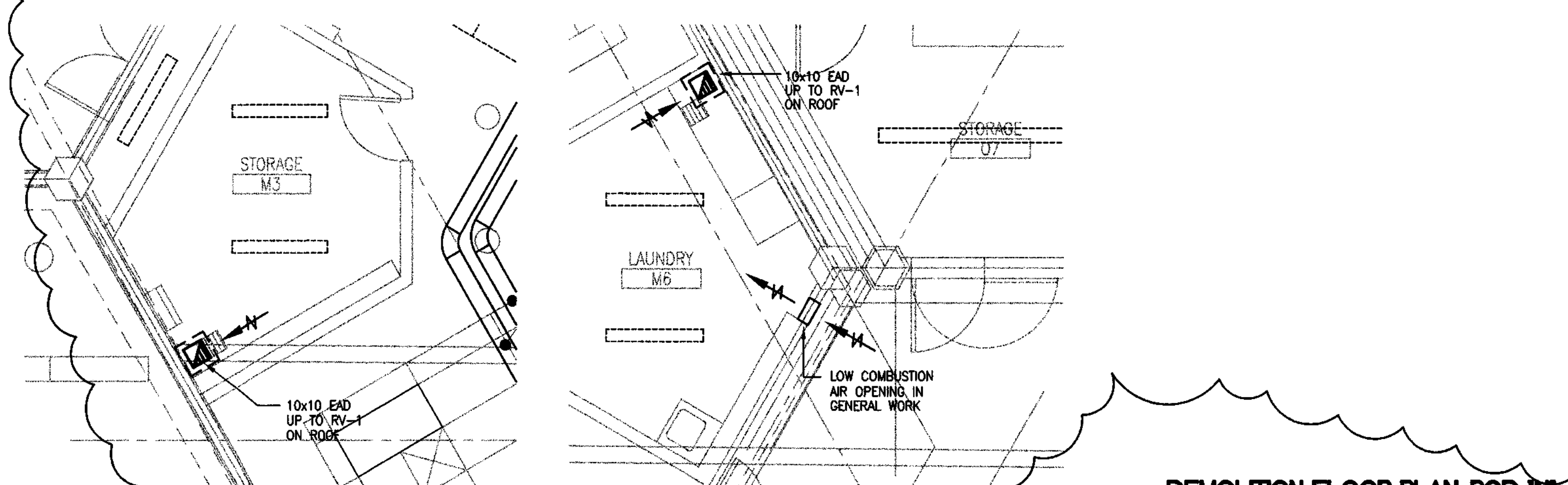
① **FLOOR PLAN-POD 'N'**

1/8"=1'-0"



② **FLOOR PLAN-POD 'M'**

1/8"=1'-0"



② **DEMOLITION FLOOR PLAN-POD 'N'**

1/8"=1'-0"

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② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2 FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON FACTORY CURB. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS.

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

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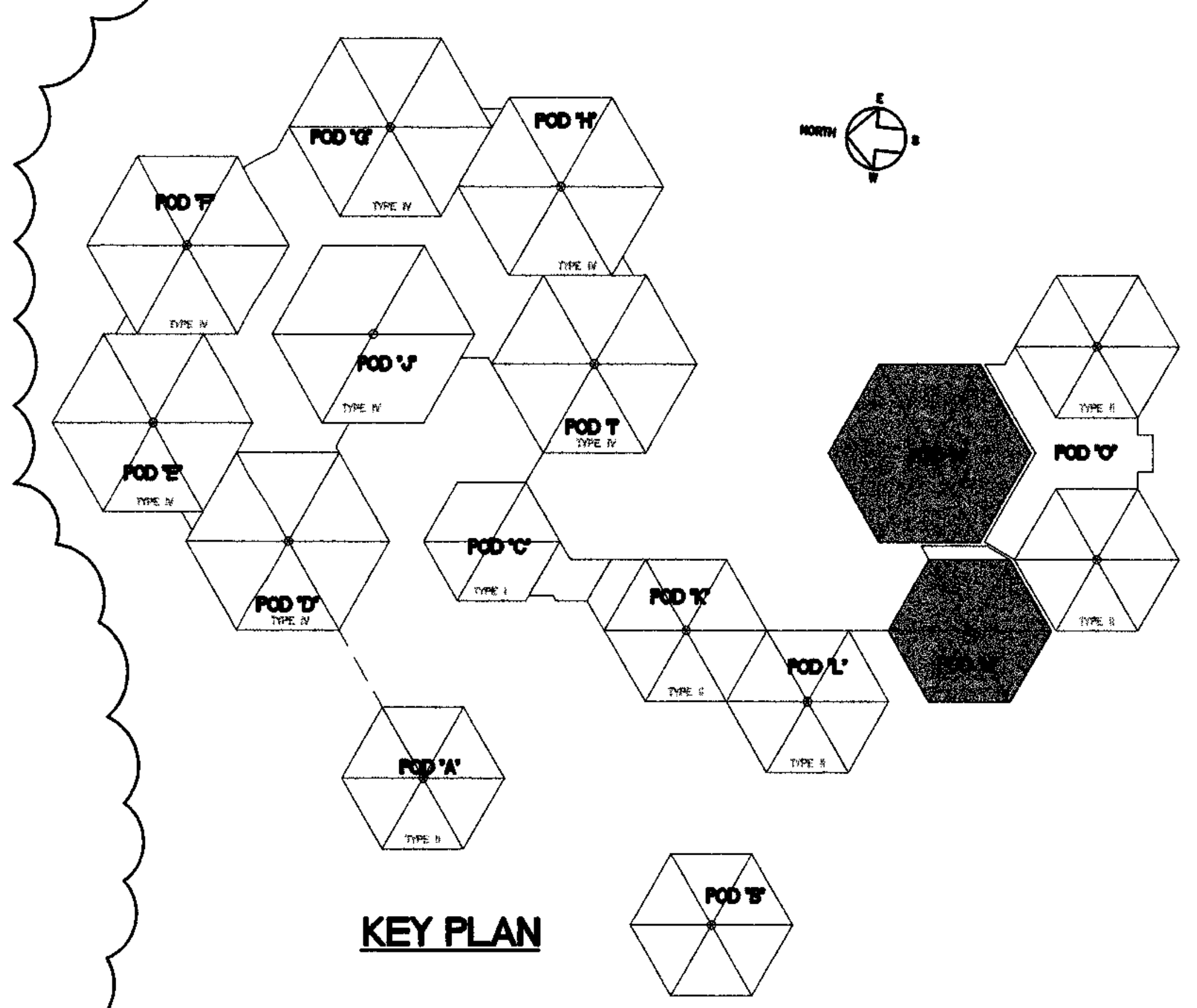

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FLOOR PLANS POD 'M' & 'N' MECHANICAL

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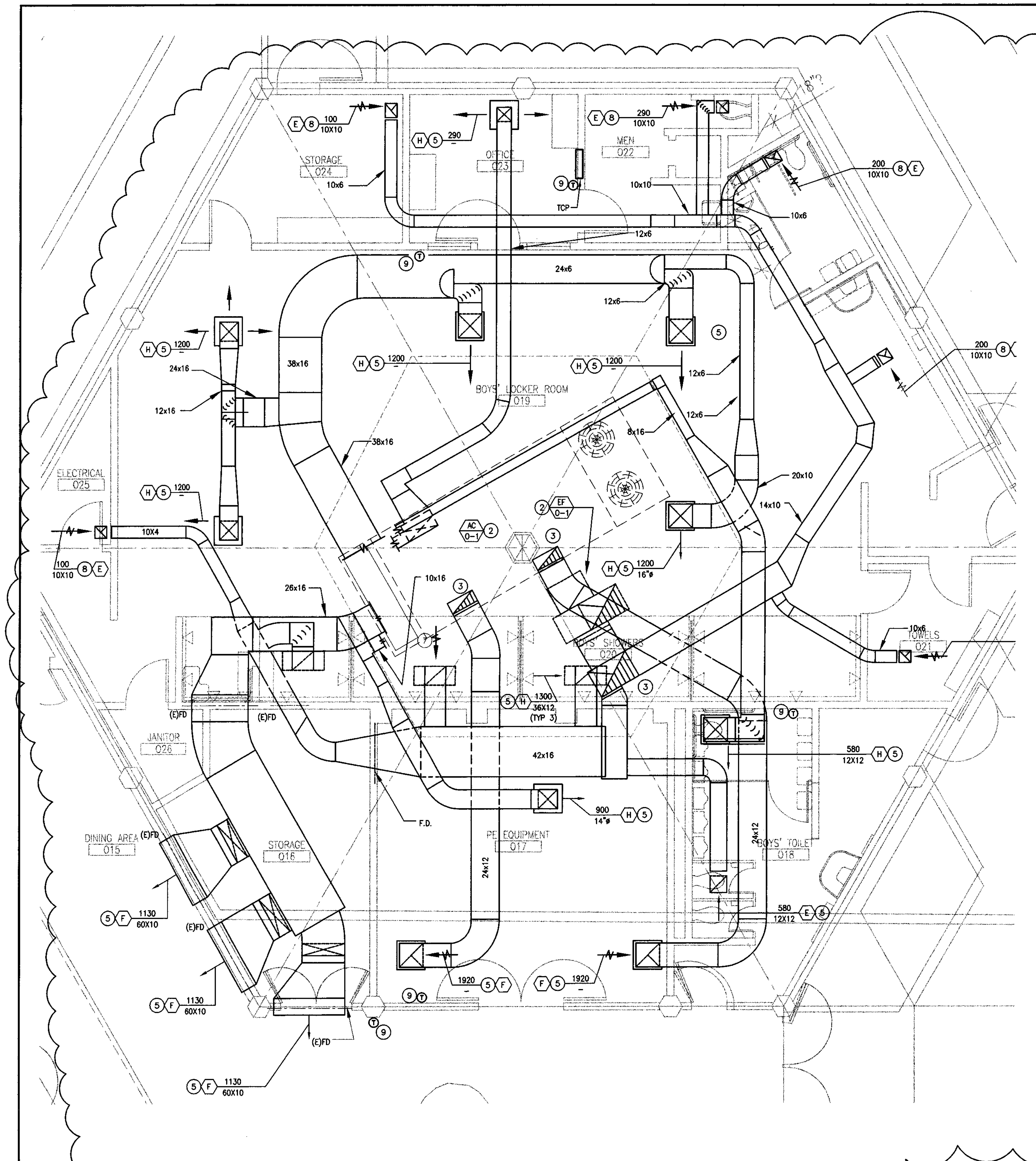
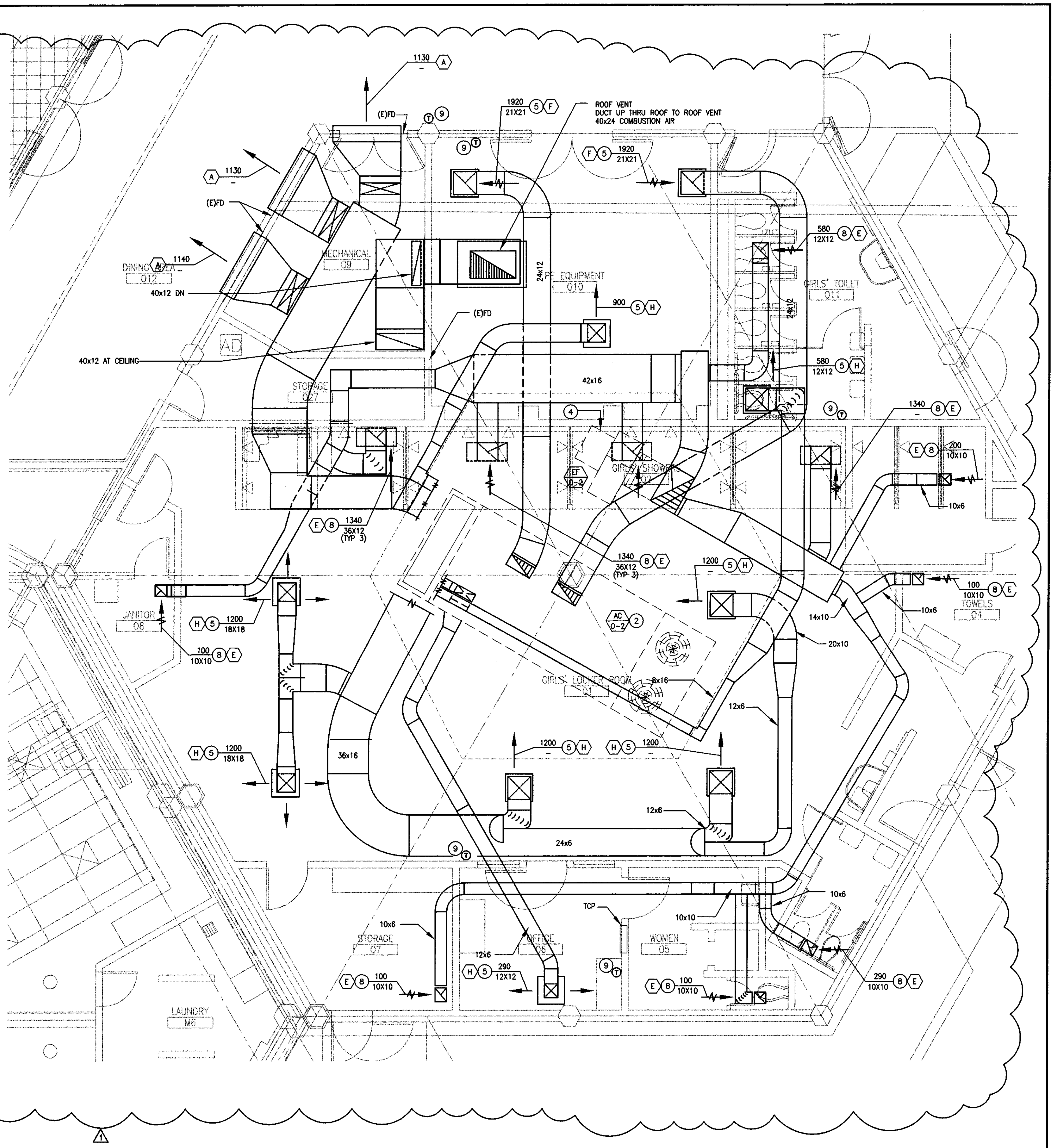


1 FLOOR PLAN-POD "O"
1/8"=1'-0"



1 FLOOR PLAN-POD "P"
1/8"=1'-0"

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SHEET NOTES

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② (E) ROOFTOP MULTIZONE VAV UNIT TO REMAIN. SEE DRAWING M0.2 FOR SCHEDULE.

③ DUCT THROUGH ROOF UNDER ROOFTOP MULTIZONE UNIT. EXTEND 6" ABOVE RETURN PLENUM FLOOR AND PROVIDE WMS.

④ PROVIDE NEW EXHAUST FAN MOUNTED ON SLEEPER. SEE DWG M6.1 FOR DETAIL AND M0.2 FOR SCHEDULED REQUIREMENTS.

⑤ PROVIDE LOUVERED TYPE DIFFUSER, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑥ PROVIDE LINEAR SLOT DIFFUSER, SIZE AND LENGTH AS SHOWN ON PLAN. PROVIDE FACTORY FABICATED INTERNALLY LINED PLENUM. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑦ PROVIDE NEW TRANSFER GRILLE, SIZE AS SHOWN ON PLAN.

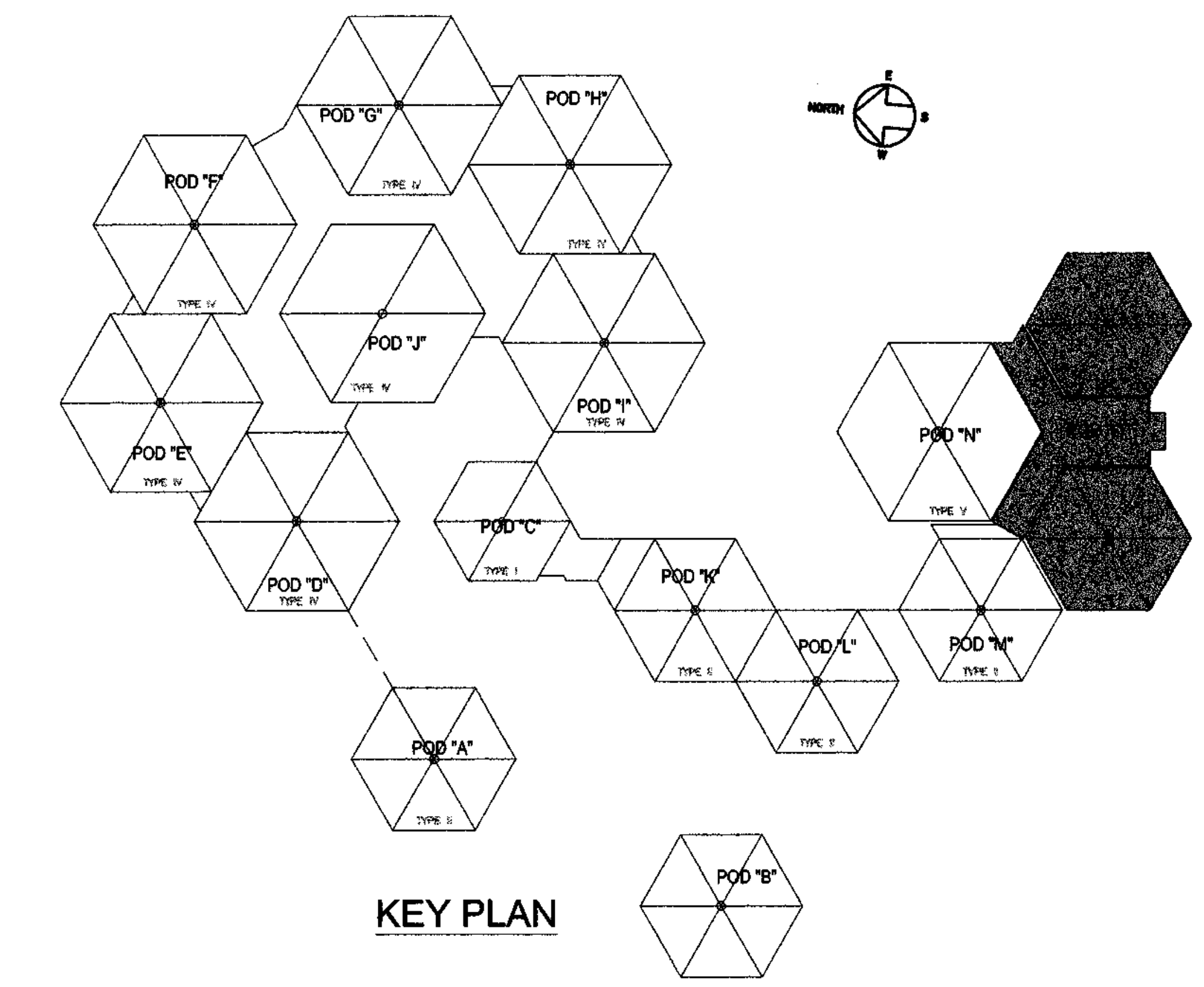
⑧ PROVIDE 1/2"X1/2"X1/2" EGGCRATE TYPE EXHAUST GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑨ PROVIDE TEMPERATURE SENSOR WITH METAL LOCKABLE COVER (MIN 14 GA S.M.). MOUNTING HEIGHT PER ADA REQUIREMENT.

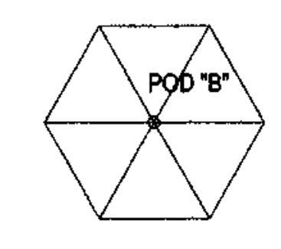
⑩ CLEAN AND TEST (E) FIRE DAMPER (FD). PROVIDE UNIT PRICE TO REPLACE NON-FUNCTIONING/DAMAGED FD"S IN BID PRICE.

⑪ PROVIDE PERFORATED TYPE RETURN AIR GRILLE, SIZE AS NOTED ON PLANS. PROVIDE TRIM AS REQUIRED (FOR EITHER HARD OR TILE CEILING). COORDINATE CUTTING AND PATCHING WITH GENERAL CONTRACTOR.

⑫ PROVIDE CEILING MOUNTED EXHAUST FAN, RELIEF VENT ON ROOF AND ASSOCIATED FACTORY ROOF CURB. SEE DRAWING M6.XR FOR MOUNTING DETAIL.



KEY PLAN



UESF ENGINEERS, INC.
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■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP: 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER
LEVI F. MALABUYO
No. M26141
Ren. 6/30/05
MECHANICAL
STATE OF CALIFORNIA

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
APPL NO. 01-101836
AC ___ F/LS ___ SS ___ DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

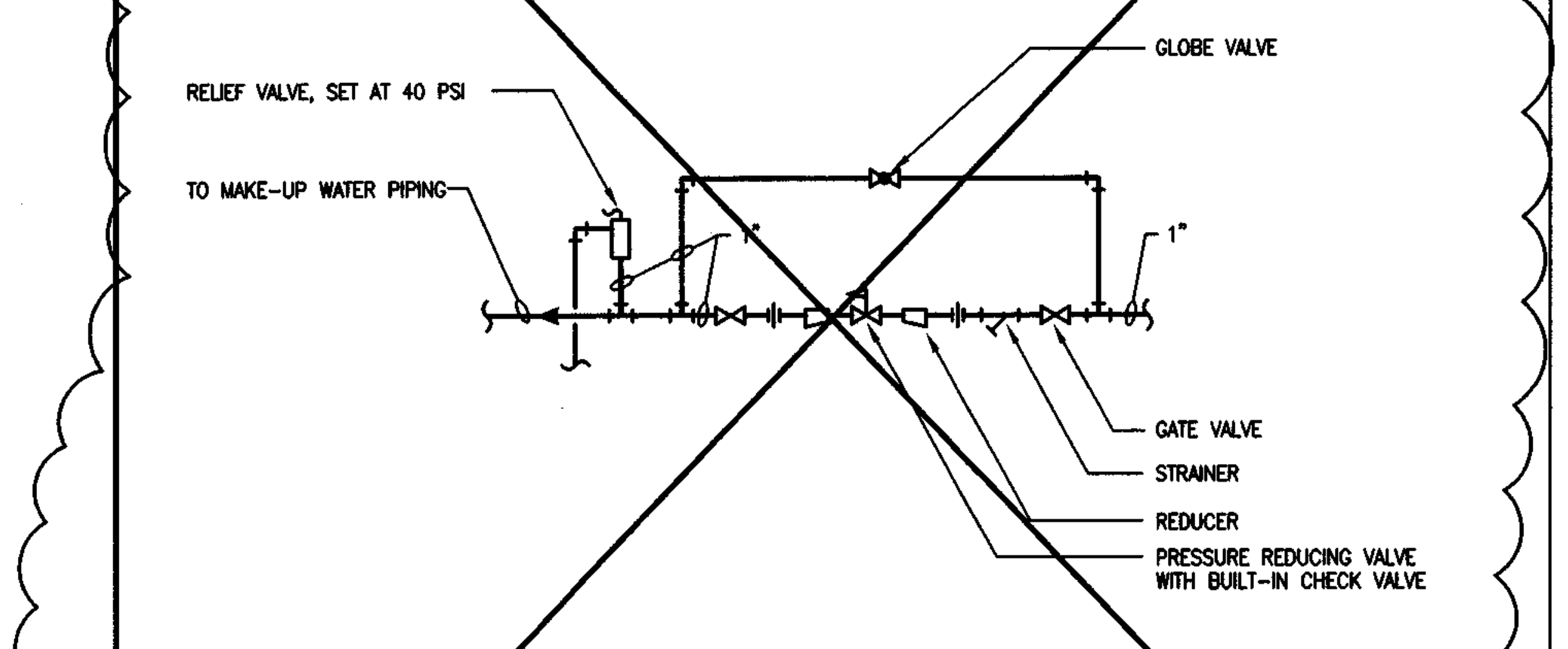
FLOOR PLAN POD 'O' - MECHANICAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

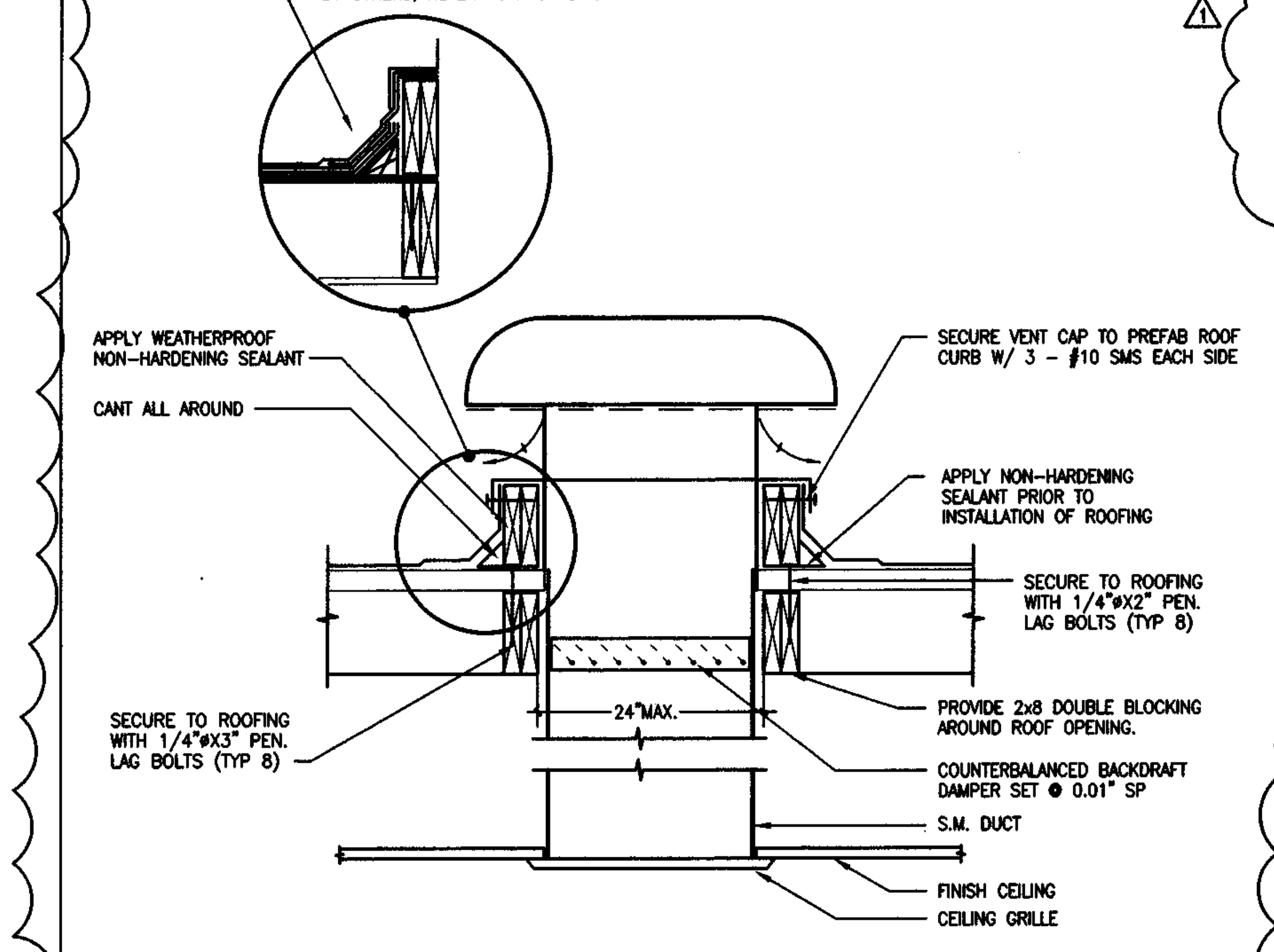
DRAWN BY: CHECKED BY:

M2.8

JOB NO: 99041B OF SHEETS


RELIEF VALVE, SET AT 40 PSI
TO MAKE-UP WATER PIPING
GLOBE VALVE
1"
1"
GATE VALVE
STRAINER
REDUCER
PRESSURE REDUCING VALVE WITH BUILT-IN CHECK VALVE

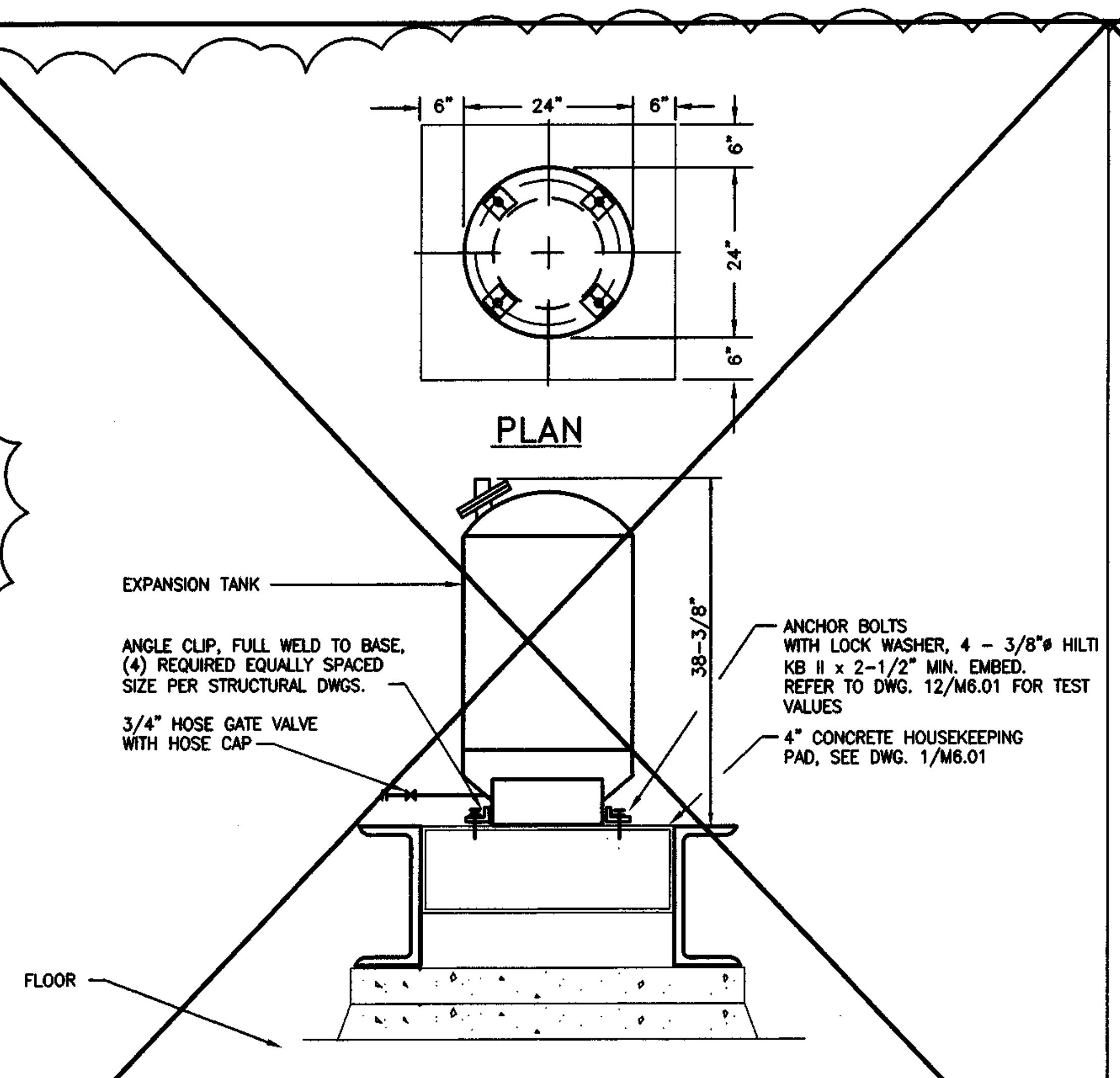
10 MAKE UP WATER STATION DIAGRAM
NOT TO SCALE
15570-01


ROOFING, CANT AND BLOCKING BY OTHERS, REFER TO ARCH DWG
APPLY WEATHERPROOF NON-HARDENING SEALANT
CANT ALL AROUND
SECURE VENT CAP TO PREFAB ROOF CURB W/ 3 – #10 SMS EACH SIDE
APPLY NON-HARDENING SEALANT PRIOR TO INSTALLATION OF ROOFING
SECURE TO ROOFING WITH 1/4"øX2" PEN. LAG BOLTS (TYP 8)
SECURE TO ROOFING WITH 1/4"øX3" PEN. LAG BOLTS (TYP 8)
24"MAX.
PROVIDE 2x8 DOUBLE BLOCKING AROUND ROOF OPENING.
COUNTERBALANCED BACKDRAFT DAMPER SET @ 0.01" SP
S.M. DUCT
FINISH CEILING
CEILING GRILLE

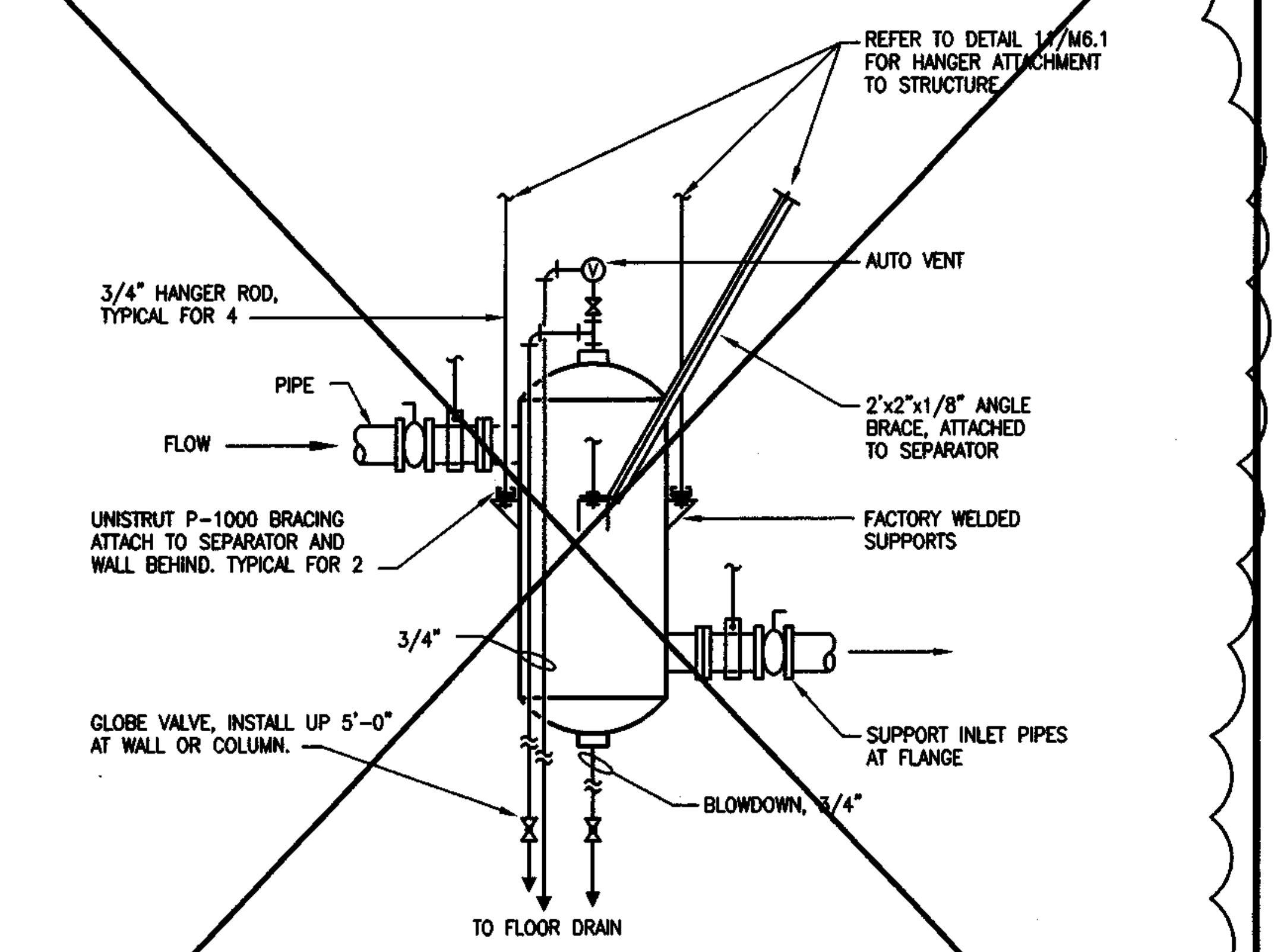
NOTES:

1. REFER TO ARCH DWG FOR ROOF OPENING DETAIL.

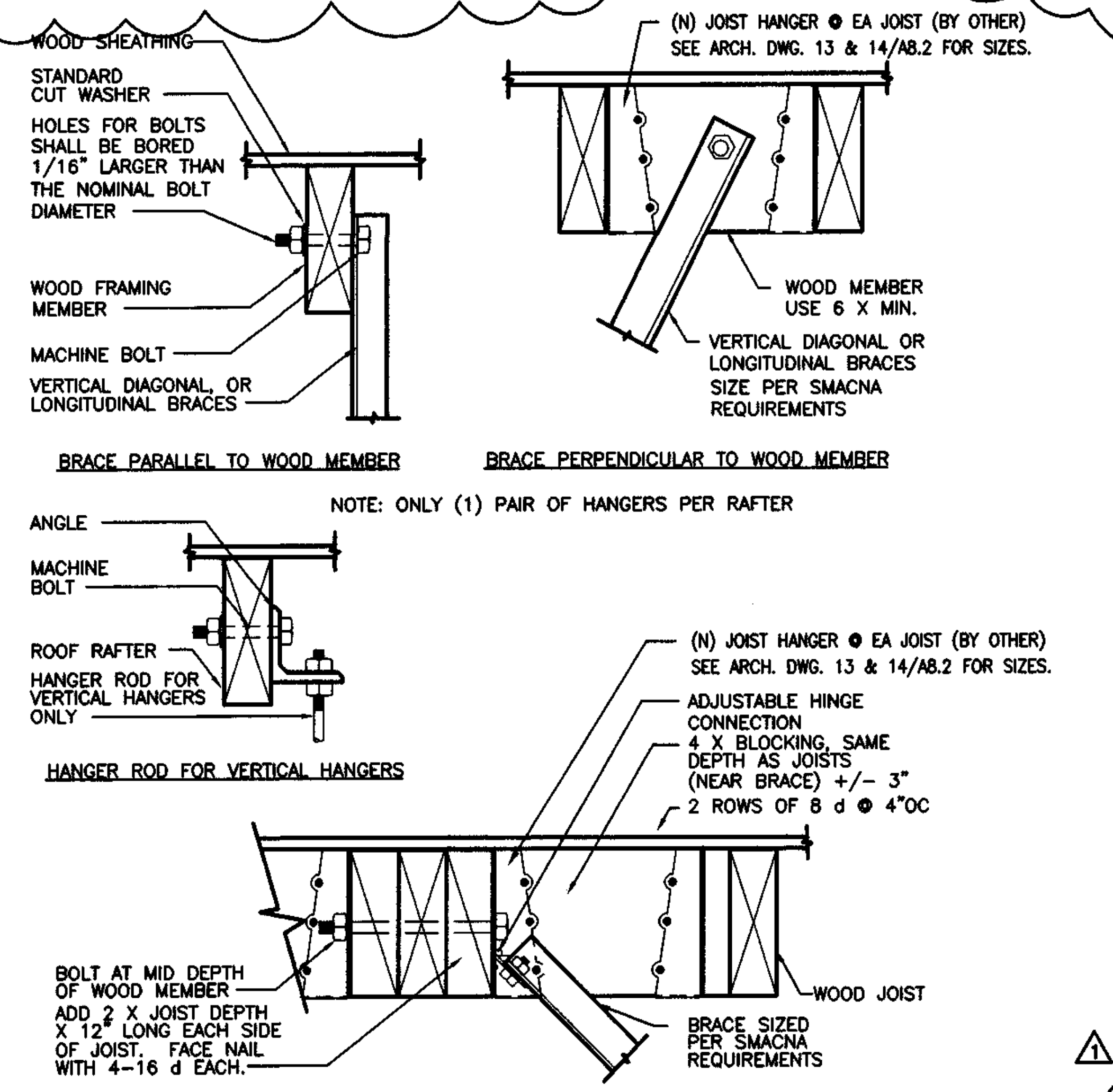
7 GRAVITY RELIEF VENT DETAIL
NOT TO SCALE


6"
24"
6"
6"
24"
6"
PLAN
EXPANSION TANK
ANGLE CLIP, FULL WELD TO BASE, (4) REQUIRED EQUALLY SPACED SIZE PER STRUCTURAL DWGS.
3/4" HOSE GATE VALVE WITH HOSE CAP
38-3/8"
ANCHOR BOLTS WITH LOCK WASHER, 4 – 3/8"ø HILTI KB II x 2-1/2" MIN. EMBED. REFER TO DWG. 12/M6.01 FOR TEST VALUES
4" CONCRETE HOUSEKEEPING PAD, SEE DWG. 1/M6.01
FLOOR
ELEVATION

4 EXPANSION TANK MOUNTING DETAIL (600 LBS.)
NOT TO SCALE


REFER TO DETAIL 11/M6.1 FOR HANGER ATTACHMENT TO STRUCTURE
3/4" HANGER ROD, TYPICAL FOR 4
AUTO VENT
PIPE
FLOW
2'x2"x1/8" ANGLE BRACE, ATTACHED TO SEPARATOR
UNISTRUT P-1000 BRACING ATTACH TO SEPARATOR AND WALL BEHIND. TYPICAL FOR 2
FACTORY WELDED SUPPORTS
3/4"
SUPPORT INLET PIPES AT FLANGE
GLOBE VALVE, INSTALL UP 5'-0" AT WALL OR COLUMN.
BLOWDOWN, 3/4"
TO FLOOR DRAIN

1 AIR SEPARATOR MOUNTING DETAIL
NOT TO SCALE
15500-46.DWG


WOOD SHEATHING
STANDARD CUT WASHER
HOLES FOR BOLTS SHALL BE BORED 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER
WOOD FRAMING MEMBER
MACHINE BOLT
VERTICAL DIAGONAL, OR LONGITUDINAL BRACES
(N) JOIST HANGER @ EA JOIST (BY OTHER) SEE ARCH. DWG. 13 & 14/A8.2 FOR SIZES.
WOOD MEMBER USE 6 X MIN.
VERTICAL DIAGONAL OR LONGITUDINAL BRACES SIZE PER SMACNA REQUIREMENTS
BRACE PARALLEL TO WOOD MEMBER
BRACE PERPENDICULAR TO WOOD MEMBER
NOTE: ONLY (1) PAIR OF HANGERS PER RAFTER
ANGLE
MACHINE BOLT
ROOF RAFTER
HANGER ROD FOR VERTICAL HANGERS ONLY
HANGER ROD FOR VERTICAL HANGERS
(N) JOIST HANGER @ EA JOIST (BY OTHER) SEE ARCH. DWG. 13 & 14/A8.2 FOR SIZES.
ADJUSTABLE HINGE CONNECTION
4 X BLOCKING, SAME DEPTH AS JOISTS (NEAR BRACE) +/- 3"
2 ROWS OF 8 d @ 4"OC
BOLT AT MID DEPTH OF WOOD MEMBER
ADD 2 X JOIST DEPTH X 12" LONG EACH SIDE OF JOIST. FACE NAIL WITH 4-16 d EACH.
WOOD JOIST
BRACE SIZED PER SMACNA REQUIREMENTS

NOTE:
1. SEE PIPE SUSPENSION DETAIL 2/P6.1 FOR ADDITIONAL INFORMATION.

11 HANGER CONNECTION TO WOOD DETAIL
NOT TO SCALE
15140-110.dwg

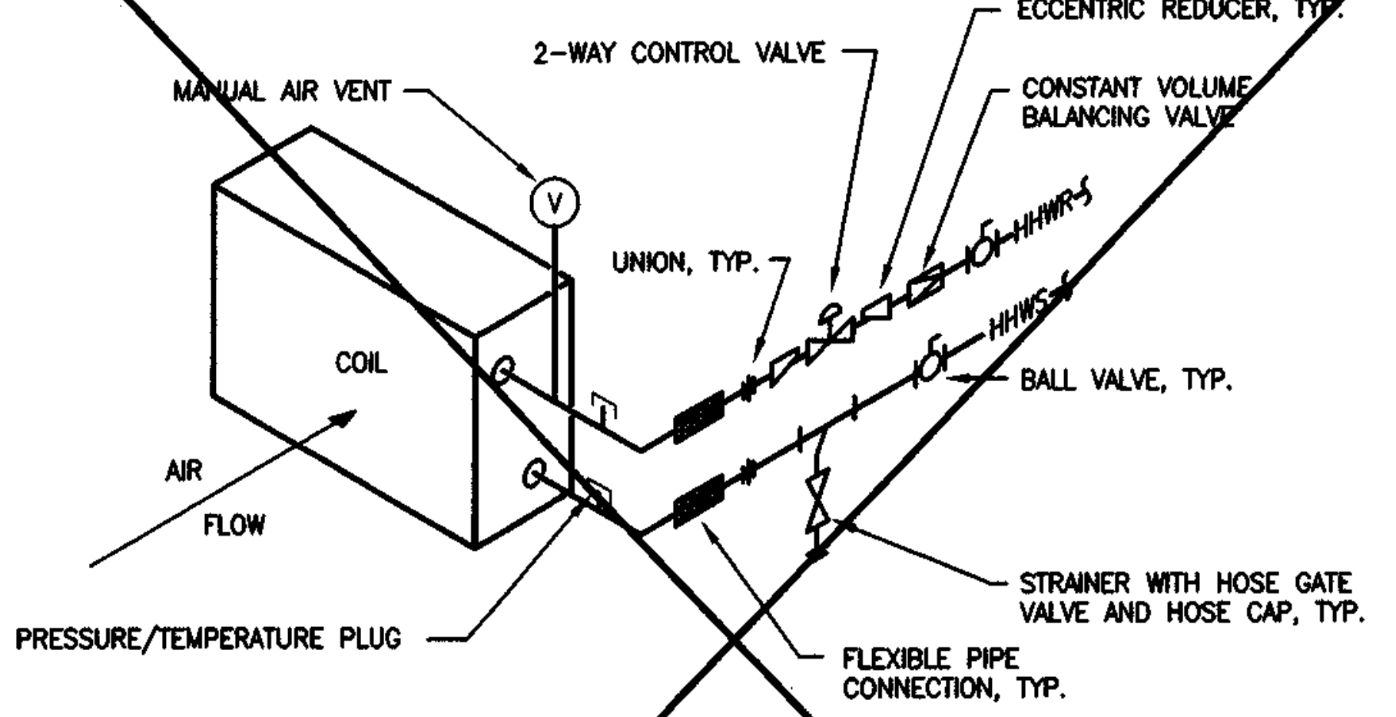
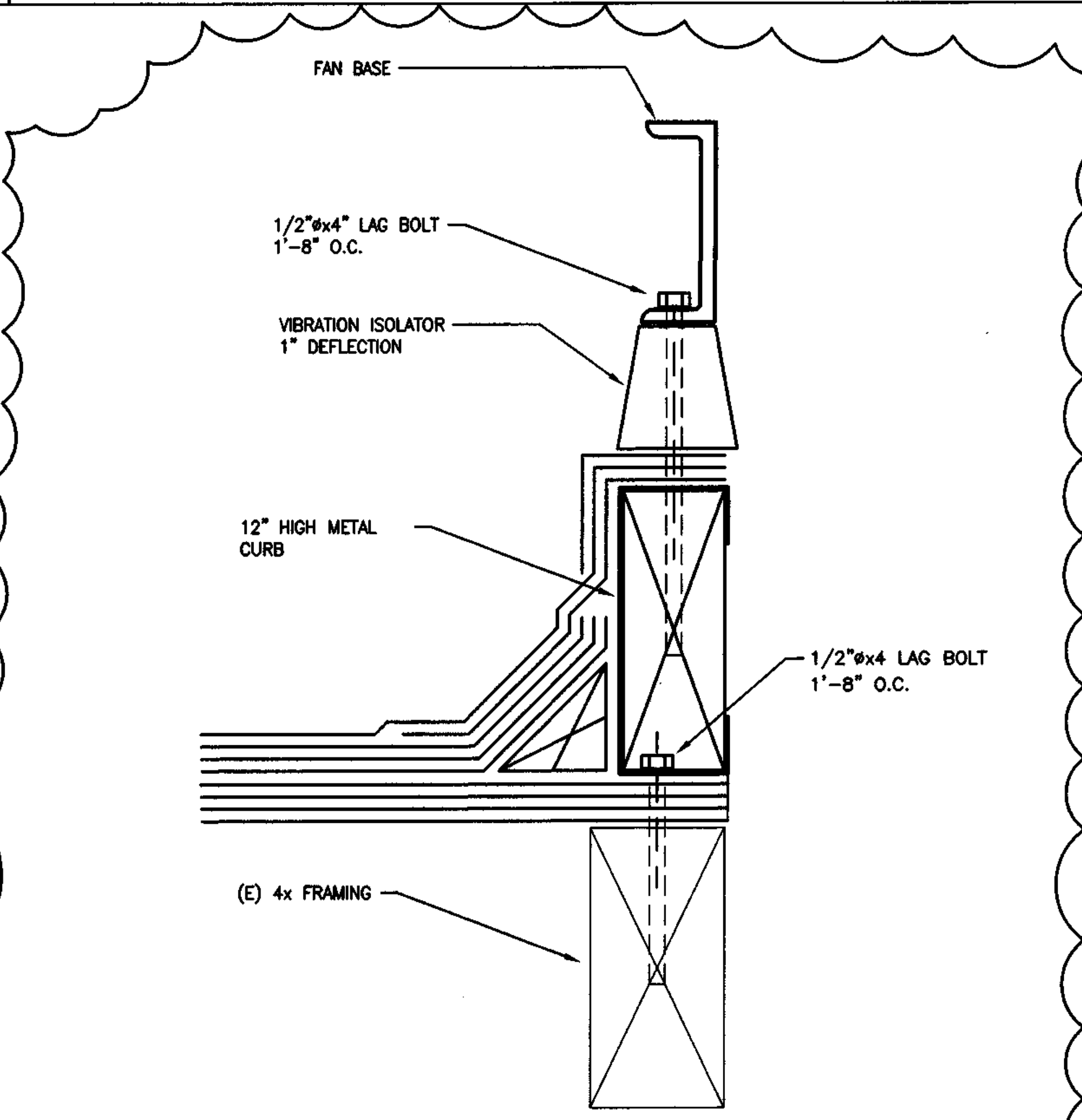

MANUAL AIR VENT
2-WAY CONTROL VALVE
ECCENTRIC REDUCER, TYP.
CONSTANT VOLUME BALANCING VALVE
UNION, TYP.
HHWR
HHWS
COIL
BALL VALVE, TYP.
AIR FLOW
STRAINER WITH HOSE GATE VALVE AND HOSE CAP, TYP.
PRESSURE/TEMPERATURE PLUG
FLEXIBLE PIPE CONNECTION, TYP.

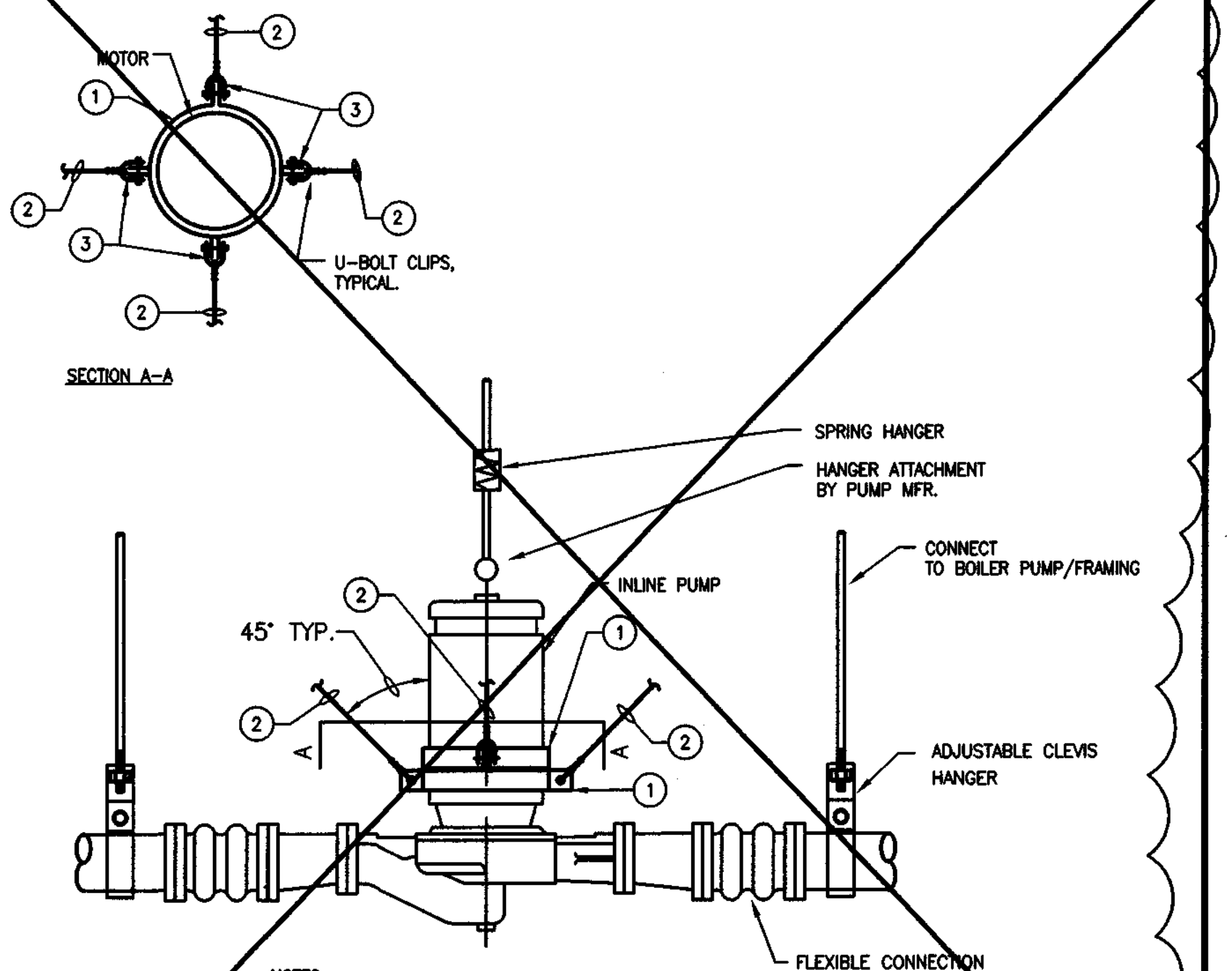
DIAGRAM NOTES:

1. LOCATE UNIONS TO FACILITATE COIL REMOVAL.
2. EXACT CONFIGURATION AND ROUTING SHALL BE INSTALLED AS REQUIRED FOR SPECIFIC LOCATIONS.

8 HEATING HOT WATER COIL PIPING DETAIL
NOT TO SCALE
15575-10


FAN BASE
1/2"ø×4" LAG BOLT 1'-8" O.C.
VIBRATION ISOLATOR 1" DEFLECTION
12" HIGH METAL CURB
1/2"ø×4 LAG BOLT 1'-8" O.C.
(E) 4x FRAMING

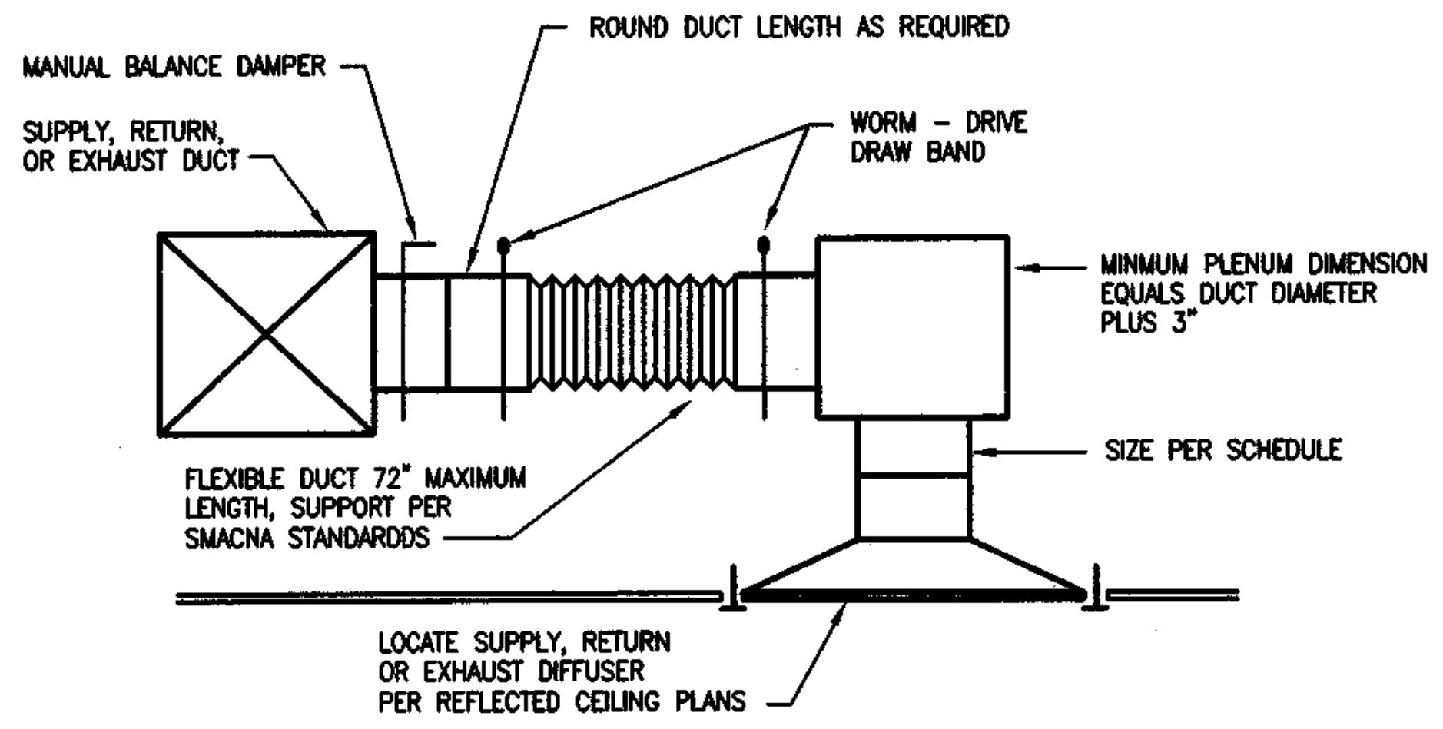
5 EXHAUST FAN ON ROOF MOUNTING DETAIL
NOT TO SCALE
15140-1.DWG



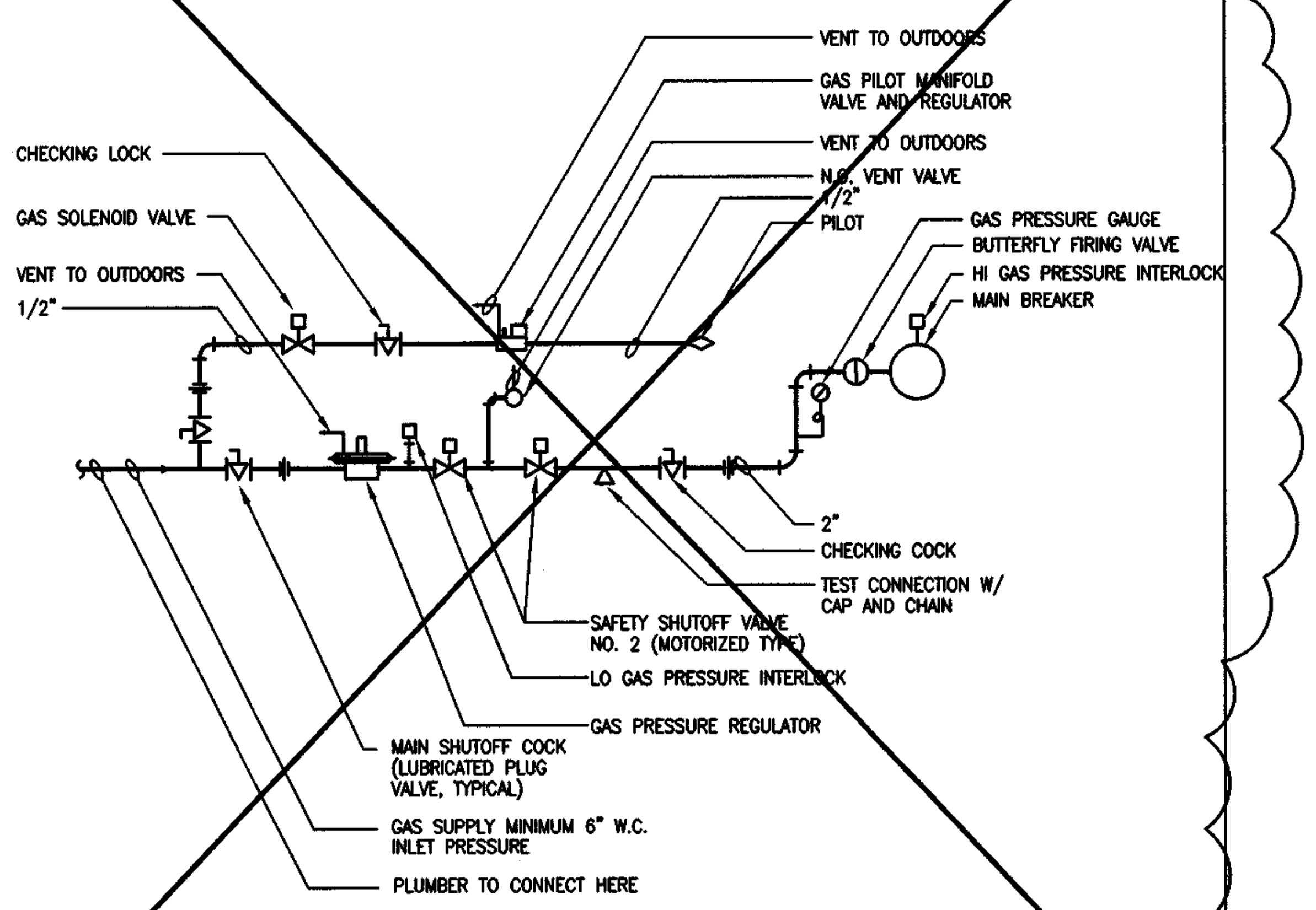
NOTES:

1. PIPE CLAMP AROUND MOTOR.
2. SEISMIC RESTRAINT CABLE, PROVIDE 1/4" DIAM. AIRCRAFT CABLE, TYPICAL OF 4. PROVIDE UPPER ATTACHMENT TO STRUCTURAL STEEL.
3. 3/8" ROUND PIN CHAIN SHACKLE WITH 3/8"ø PIN, TYPICAL.

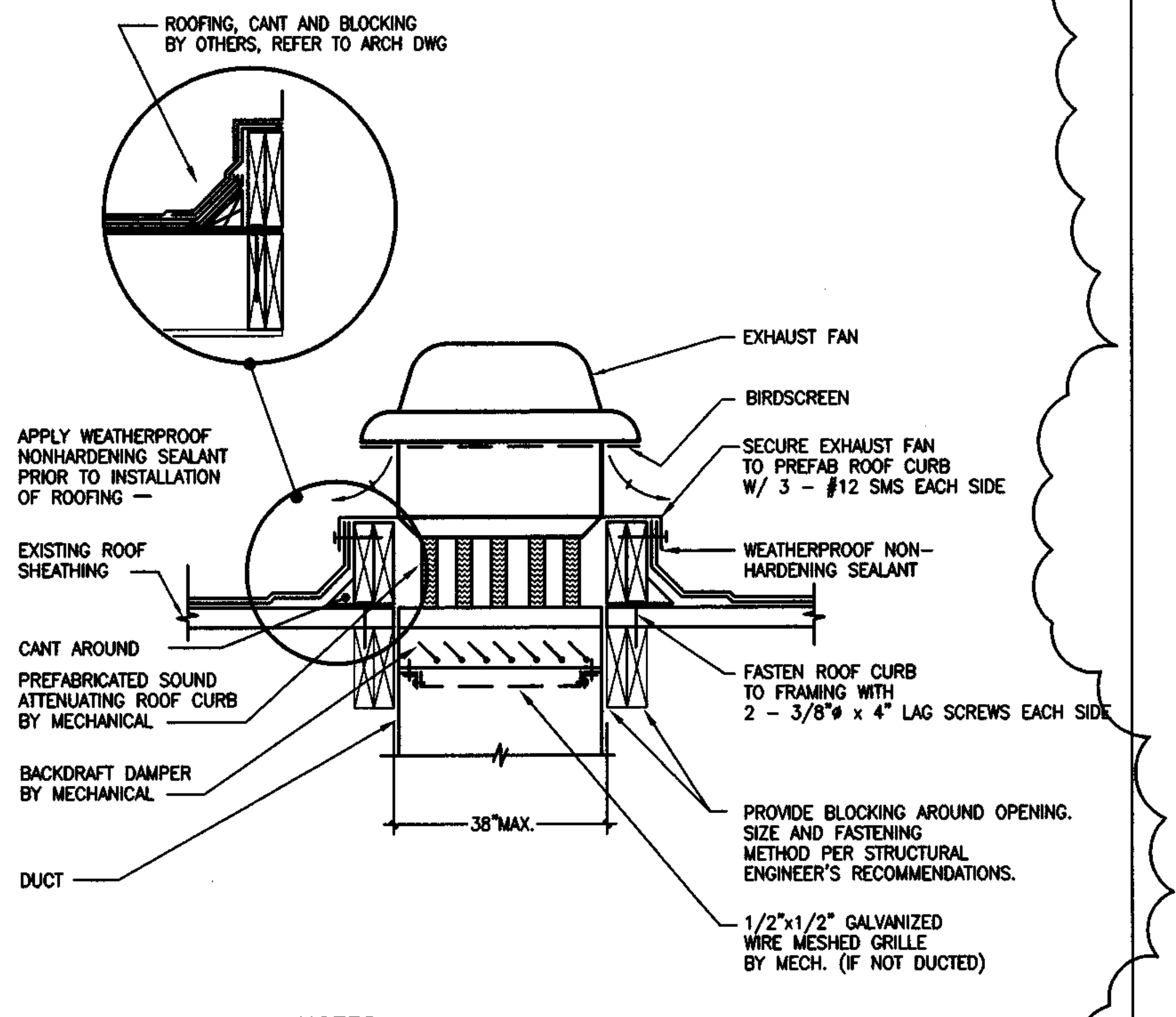
2 PUMP MOUNTING DETAIL
NOT TO SCALE
15540-06.DWG


MANUAL BALANCE DAMPER
ROUND DUCT LENGTH AS REQUIRED
SUPPLY, RETURN, OR EXHAUST DUCT
WORM - DRIVE DRAW BAND
MINIMUM PLENUM DIMENSION EQUALS DUCT DIAMETER PLUS 3"
SIZE PER SCHEDULE
FLEXIBLE DUCT 72" MAXIMUM LENGTH, SUPPORT PER SMACNA STANDARDDS
LOCATE SUPPLY, RETURN OR EXHAUST DIFFUSER PER REFLECTED CEILING PLANS

12 LAY-IN CEILING DIFFUSER DETAIL
NOT TO SCALE


VENT TO OUTDOORS
GAS PILOT MANIFOLD VALVE AND REGULATOR
VENT TO OUTDOORS
N.O. VENT VALVE
1/2"
PILOT
CHECKING LOCK
GAS SOLENOID VALVE
VENT TO OUTDOORS
1/2"
GAS PRESSURE GAUGE
BUTTERFLY FIRING VALVE
HI GAS PRESSURE INTERLOCK
MAIN BREAKER
2"
CHECKING COCK
TEST CONNECTION W/ CAP AND CHAIN
SAFETY SHUTOFF VALVE NO. 2 (MOTORIZED TYPE)
LO GAS PRESSURE INTERLOCK
GAS PRESSURE REGULATOR
MAIN SHUTOFF COCK (LUBRICATED PLUG VALVE, TYPICAL)
GAS SUPPLY MINIMUM 6" W.C. INLET PRESSURE
PLUMBER TO CONNECT HERE

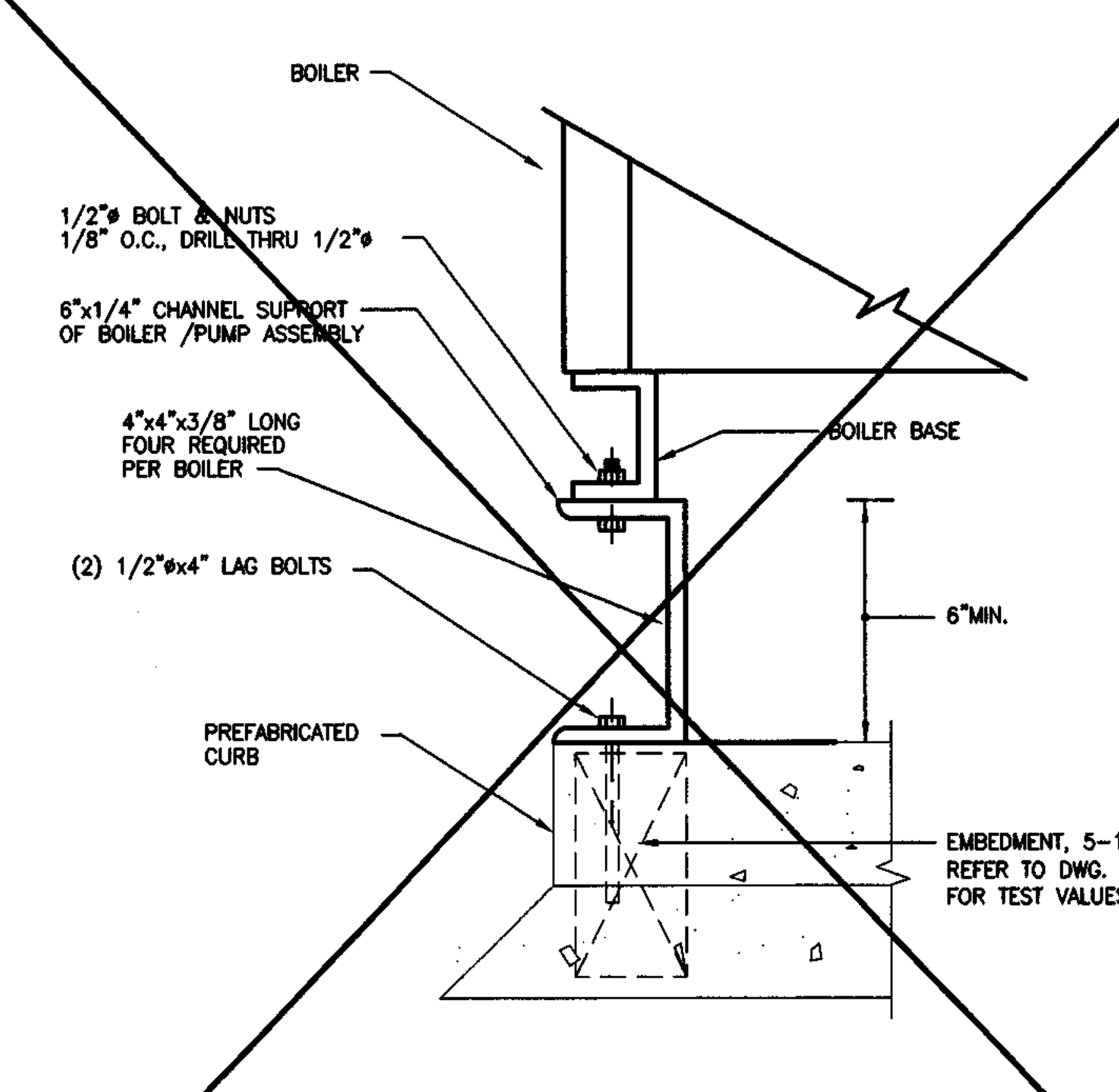
9 GAS PIPING TO BOILER DIAGRAM
NOT TO SCALE
15140-1.DWG


ROOFING, CANT AND BLOCKING BY OTHERS, REFER TO ARCH DWG
EXHAUST FAN
BIRDSCREEN
APPLY WEATHERPROOF NONHARDENING SEALANT PRIOR TO INSTALLATION OF ROOFING
SECURE EXHAUST FAN TO PREFAB ROOF CURB W/ 3 – #12 SMS EACH SIDE
EXISTING ROOF SHEATHING
WEATHERPROOF NON-HARDENING SEALANT
CANT AROUND
PREFABRICATED SOUND ATTENUATING ROOF CURB BY MECHANICAL
FASTEN ROOF CURB TO FRAMING WITH 2 – 3/8"ø x 4" LAG SCREWS EACH SIDE
BACKDRAFT DAMPER BY MECHANICAL
38"MAX.
DUCT
PROVIDE BLOCKING AROUND OPENING. SIZE AND FASTENING METHOD PER STRUCTURAL ENGINEER'S RECOMMENDATIONS.
1/2"x1/2" GALVANIZED WIRE MESHED GRILLE BY MECH. (IF NOT DUCTED)

NOTES:

1. REFER TO ARCH DWG FOR ROOF OPENING DETAIL.

6 EXHAUST FAN MOUNTING DETAIL
NOT TO SCALE
15140-1.DWG


BOILER
1/2"ø BOLT & NUTS 1/8" O.C., DRILL THRU 1/2"ø
6"x1/4" CHANNEL SUPPORT OF BOILER /PUMP ASSEMBLY
4"x4"x3/8" LONG FOUR REQUIRED PER BOILER
BOILER BASE
(2) 1/2"øx4" LAG BOLTS
6"MIN.
PREFABRICATED CURB
EMBEDMENT, 5-1/2"MIN REFER TO DWG. 12/M6.01 FOR TEST VALUES

NOTES:

1. CONTRACTOR TO SUBMIT SEISMIC CALCULATIONS SIGNED BY A STRUCTURAL ENGINEER LICENSED IN CALIFORNIA TO DSA FOR DEFERRED PERMIT APPROVAL. ALL COSTS SHALL BE INCLUDED IN MECHANICAL CONTRACTOR'S BID PRICE.

UESF ENGINEERS, INC.
15 VANDEWATER STREET
SAN FRANCISCO, CA 94133
(415) 397-6111
(415) 397-6050 FAX

3 BOILER MOUNTING DETAIL
NOT TO SCALE
15140-1.DWG

VBN

560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY
C 3158
EXP. 12/31/99

ARCHITECT'S STAMP

No. M26141
Ren. 6/30/05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ FLS ____ SS ____
APP NO 01-101836 DATE 11-17-03

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APPL 01

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DATE ____

AUTHORITY APPROVAL

DETAILS – MECHANICAL

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11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

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M6.1

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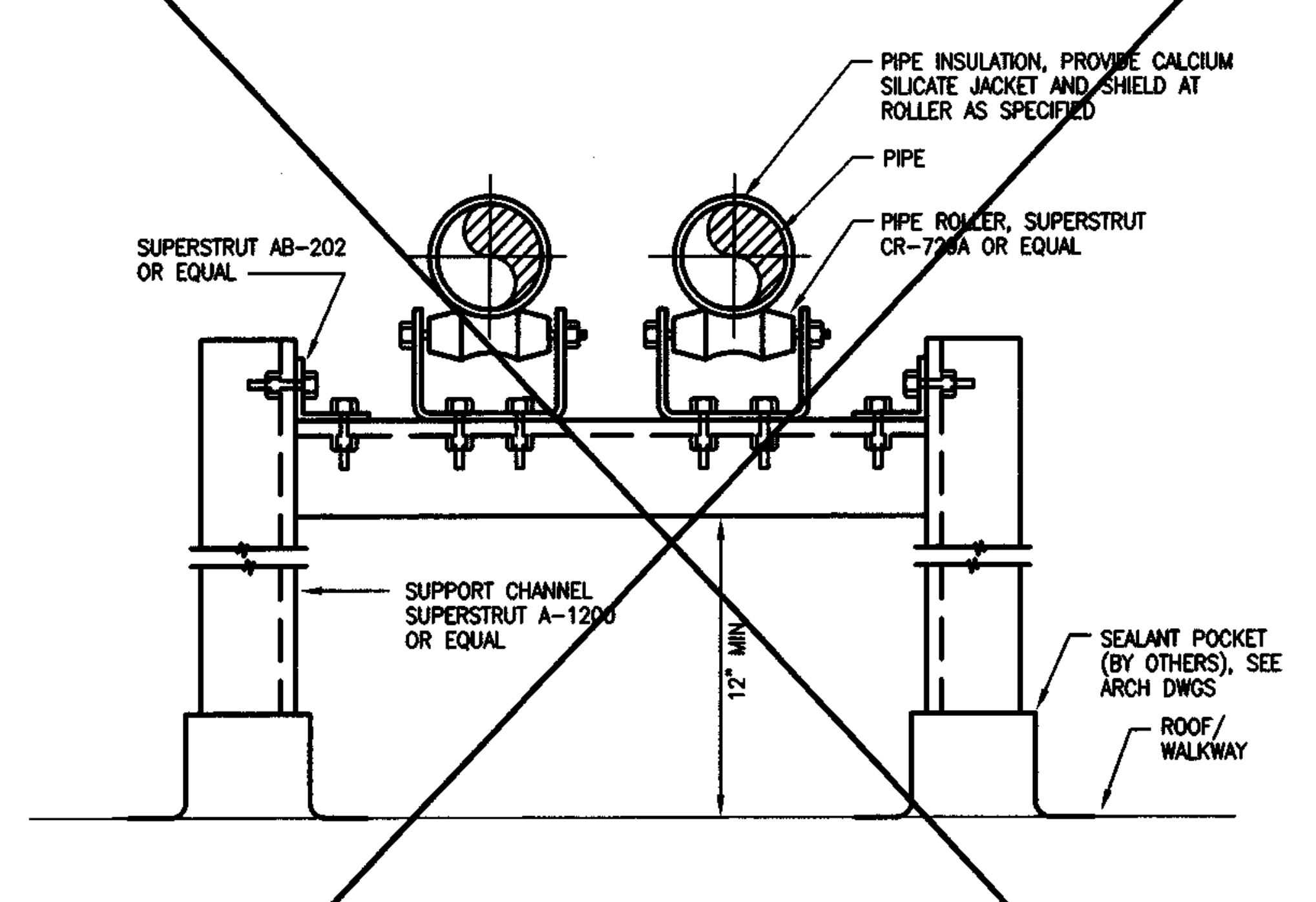

PIPE INSULATION, PROVIDE CALCIUM SILICATE JACKET AND SHIELD AT ROLLER AS SPECIFIED
PIPE
PIPE ROLLER, SUPERSTRUT CR-720A OR EQUAL
SUPERSTRUT AB-202 OR EQUAL
SUPPORT CHANNEL SUPERSTRUT A-1200 OR EQUAL
12" MIN
SEALANT POCKET (BY OTHERS), SEE ARCH DWGS
ROOF/ WALKWAY

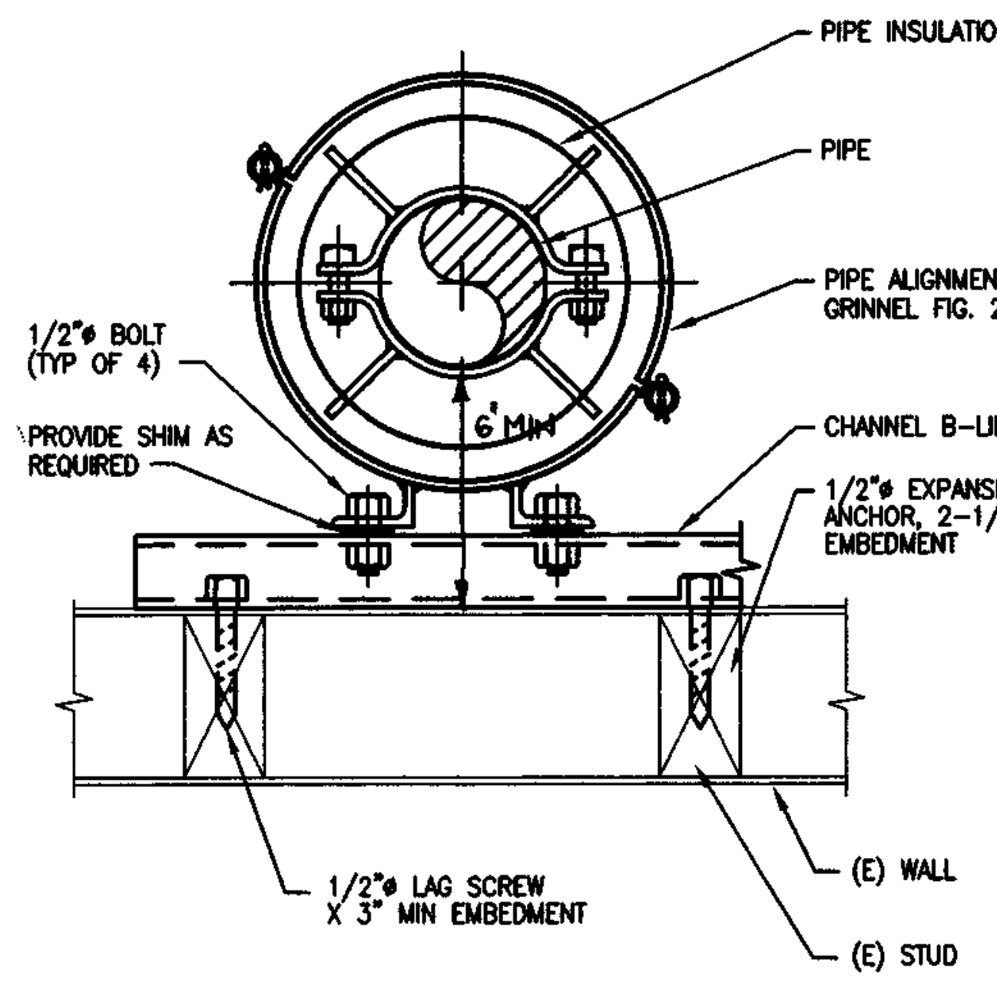
NOTES:

1. FOR PIPE ANCHORS ON ROOF, PROVIDE PIPE CLAMPS IN LIEU OF PIPE ROLLERS.
2. FOR PIPE GUIDES ON ROOF, PROVIDE PIPE GUIDES IN LIEU OF PIPE ROLLERS. SEE DWG 1/M6.2 FOR DETAIL.

△1

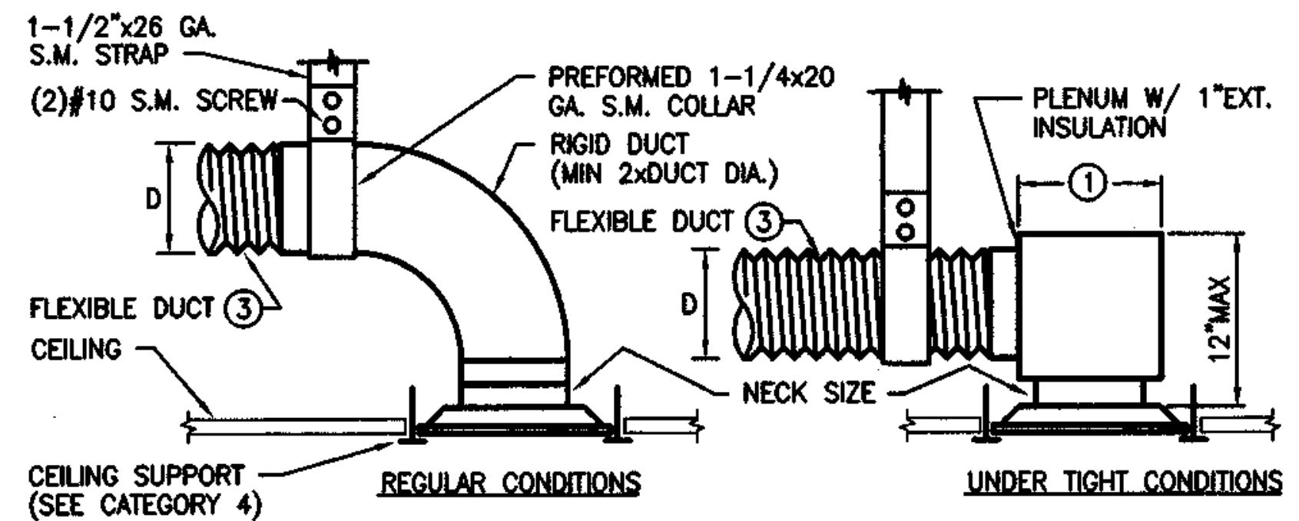
6 PIPE SUPPORT ON ROOF DETAIL

NOT TO SCALE


PIPE INSULATION
PIPE
PIPE ALIGNMENT GUIDE GRINNEL FIG. 256
1/2"ø BOLT (TYP OF 4)
PROVIDE SHIM AS REQUIRED
6" MIN
CHANNEL B-LINE B22
1/2"ø EXPANSION ANCHOR, 2-1/4" EMBEDMENT
1/2"ø LAG SCREW X 3" MIN EMBEDMENT
(E) WALL
(E) STUD

4 PIPE GUIDE ON WALL DETAIL

NOT TO SCALE



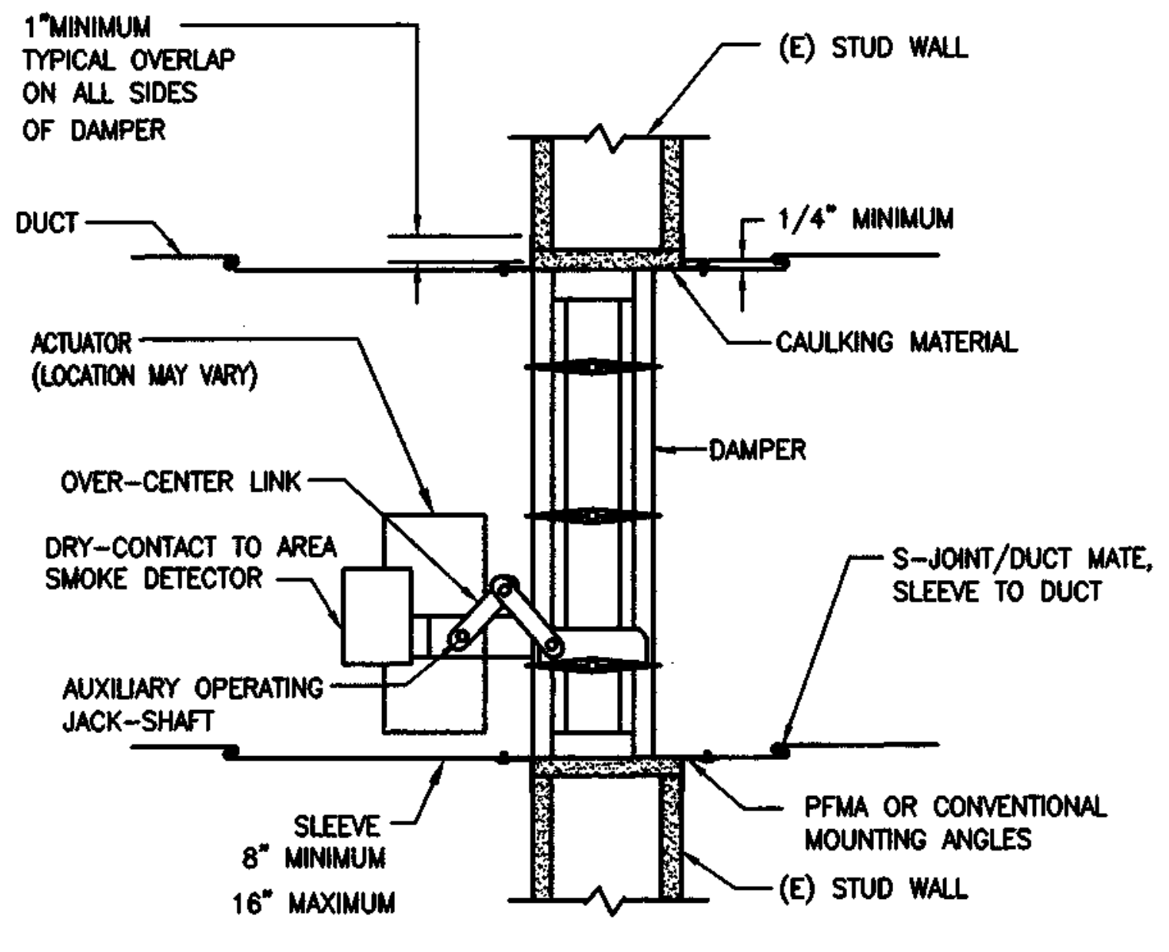
NOTES:

1. MIN. PLENUM DIMENSION: COLLAR DIMENSION x NECK SIZE.
2. OVAL DUCT BASED ON EQUAL ROUND.
3. MAX. LENGTH OF 6' AND MAX. BEND OF (2) 45ø ANGLE, OR (1) 90ø ANGLE.

PLENUM SCHEDULE ①	
PLENUM COLLAR	NECK SIZE
10x8 ≃ 14ø ②	16ø
10x8 ≃ 12ø ②	14ø
10ø	12ø
8ø	10ø
6ø	8ø

1 CEILING DIFFUSER CONNECTION DETAIL

NOT TO SCALE

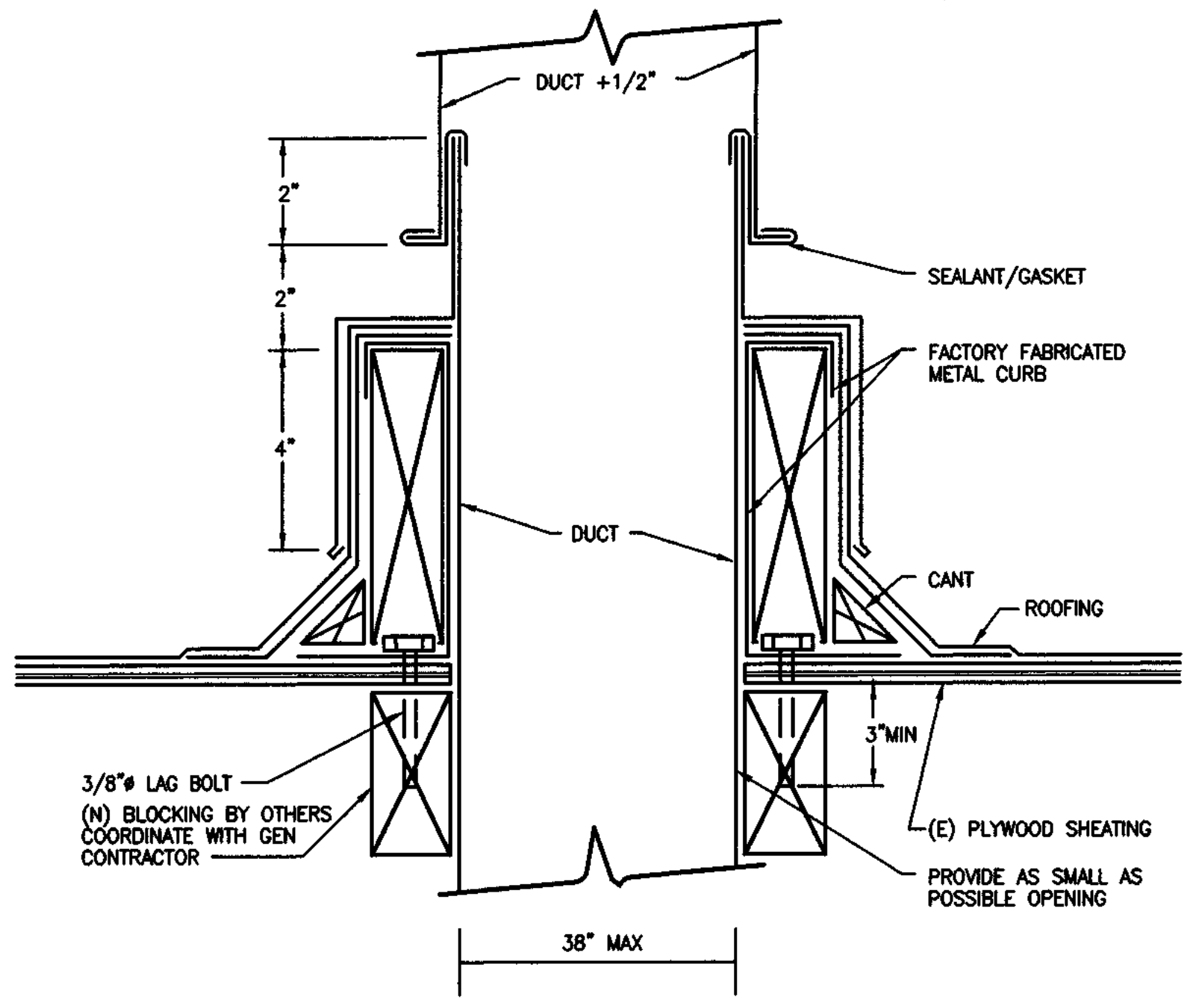

1"MINIMUM TYPICAL OVERLAP ON ALL SIDES OF DAMPER
(E) STUD WALL
DUCT
1/4" MINIMUM
CAULKING MATERIAL
ACTUATOR (LOCATION MAY VARY)
DAMPER
OVER-CENTER LINK
DRY-CONTACT TO AREA SMOKE DETECTOR
S-JOINT/DUCT MATE, SLEEVE TO DUCT
AUXILIARY OPERATING JACK-SHAFT
SLEEVE 8" MINIMUM 16" MAXIMUM
PFMA OR CONVENTIONAL MOUNTING ANGLES
(E) STUD WALL

NOTES:

1. COMBINATION FIRE/SMOKE DAMPERS (FSD) SHALL BE RUSKIN FSD60 WITH TS150 FIRESTAT PACKAGE OR EQUAL.
2. THE FSD SHALL BE UL 555S LEAKAGE CLASS I RATED WITH AIRFOIL PARALLEL ACTING BLADES.
3. PROVIDE A RATED ACCESS DOOR ADJACENT TO THE FSD ON THE ACTUATOR SIDE.
4. INTEGRATE THE FSD CONTROLS INTO THE SCHOOL FIRE/SMOKE SYSTEM.
5. THE FSD ACTUATOR SHALL BE FURNISHED BY THE FSD MANUFACTURER. INSTALL DAMPER ACTUATOR ON CORRIDOR SIDE FOR EASY ACCESS.
6. THE FSD DETAIL IS FOR REFERENCE ONLY.
7. THE FSD SHALL BE STATE FIRE MARSHAL APPROVED AND INSTALLED STRICTLY PER MANUFACTURER'S INSTRUCTIONS.
8. THE FSD SHALL CLOSE UPON DETECTION OF EXCESS HEAT AT THE DAMPER, OR UPON DETECTION OF SMOKE IN THE AIRSTREAM. DAMPER HAS ELECTRICAL HOLD-OPEN ACTION. A U.L. LISTED AND FIRE MARSHALL APPROVED DUCT SMOKE DETECTOR SHALL BE PROVIDED AND INSTALLED UPSTREAM OF THE FIRE/SMOKE DAMPER. THE FSD SHALL ALSO CLOSE UPON DETECTION OF SMOKE BY AN AREA SMOKE DETECTOR.
9. MANUFACTURER'S INSTALLATION INSTRUCTIONS AS WELL AS S.F.M. LISTING SHEET SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.

5 FIRE DAMPER DETAIL RATED WALL

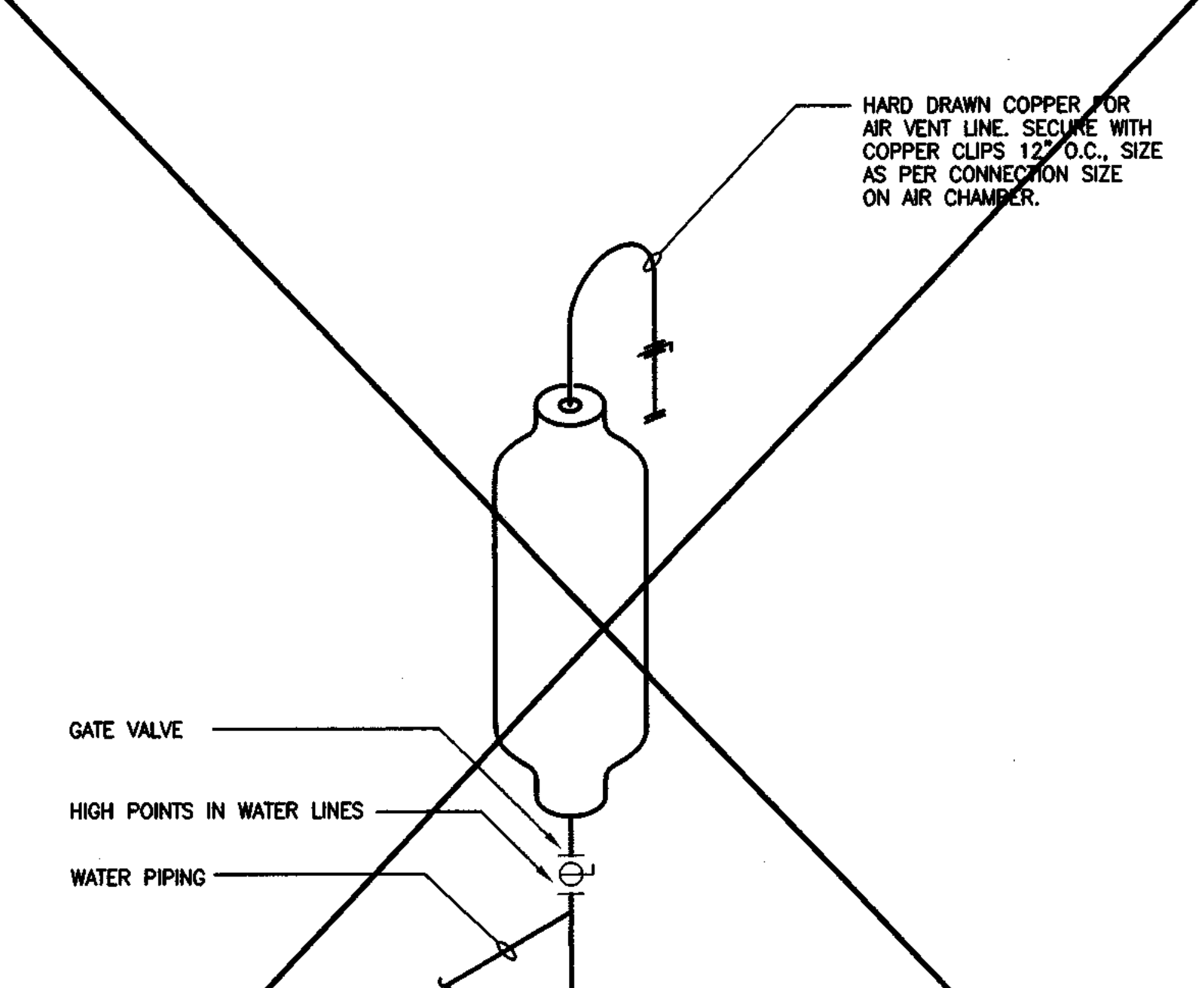
NOT TO SCALE


DUCT +1/2"
2"
2"
4"
SEALANT/GASKET
FACTORY FABRICATED METAL CURB
DUCT
CANT
ROOFING
3"MIN
3/8"ø LAG BOLT
(N) BLOCKING BY OTHERS COORDINATE WITH GEN CONTRACTOR
(E) PLYWOOD SHEATING
PROVIDE AS SMALL AS POSSIBLE OPENING
38" MAX

2 DUCT PENETRATION ON ROOF DETAIL

NOT TO SCALE

15890-05


HARD DRAWN COPPER FOR AIR VENT LINE. SECURE WITH COPPER CLIPS 12" O.C., SIZE AS PER CONNECTION SIZE ON AIR CHAMBER.
GATE VALVE
HIGH POINTS IN WATER LINES
WATER PIPING

△1

UESF ENGINEERS, INC.
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3 MANUAL AIR VENT DETAIL

NOT TO SCALE

15515-04

VBN
560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY
C/3158
EXP: 12/31/99

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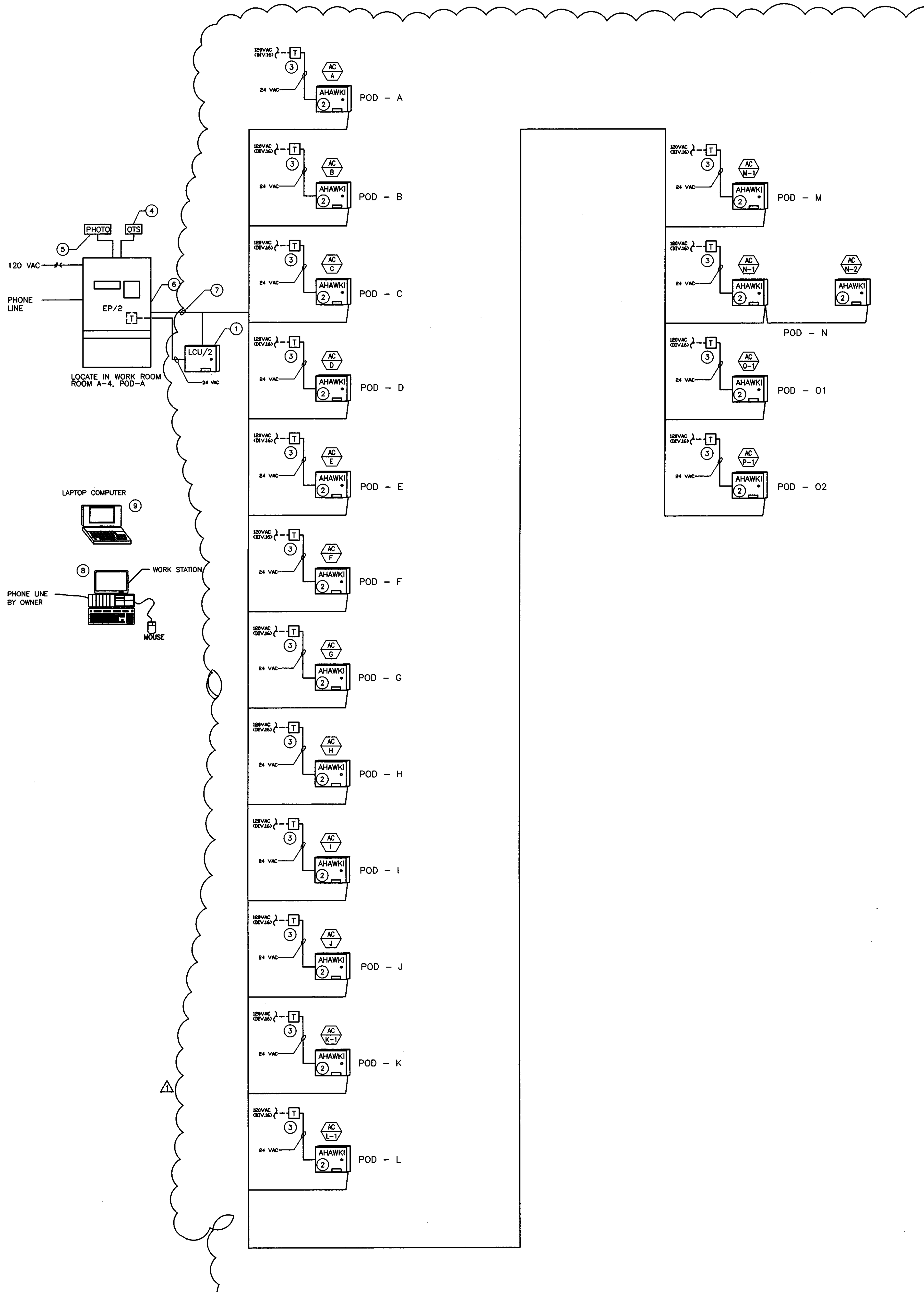

① **BOWDITCH MIDDLE SCHOOL SYSTEM ARCHITECTURE**

NOT TO SCALE

SHEET NOTES:

① PROVIDE LCU WITH IOM/2 MODULES FOR LIGHTING CONTROL. REFER TO ELECTRICAL DRAWINGS. PROVIDE 2 HOUR MANUAL OVERRIDE BUTTON FOR EACH LIGHTING CIRCUIT. PROVIDE IN-LINE LED TO INDICATE WHEN OVERRIDE IS ENGAGED.

② PROVIDE FTS-3A TEMPERATURE SENSOR

③ PROVIDE STEP DOWN TRANSFORMER(S) AT (N) TCP'S AS SHOWN ON FLOOR PLANS. NUMBER OF TRANSFORMER(S) AS REQUIRED. COORDINATE WITH ELEC. AND GEN. CONTRACTOR.

④ PROVIDE EP2-OTS OUTDOOR TEMPERATURE SENSOR.

⑤ PROVIDE ROOF MOUNTED OUTDOOR LIGHT SENSOR COMPATIBLE WITH EP/2.

⑥ INSTALL SCHOOL DISTRICT OWNED EP/2 MODULE. PROVIDE EP/2-BPL BASEPLATE, EP/2 POWER SUPPLY & ETHERNET ADAPTER.

⑦ SIZE & INSTALL ALL REQUIRED WIRING PER MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED.

⑧ PROVIDE WORKSTATION & INSTALL AT M & O OFFICE IF NONE WAS PROVIDED ON PREVIOUS PROJECTS AT THE SCHOOL DISTRICT. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PROVIDE SEPARATE PRICING.

⑨ PROVIDE LAPTOP COMPUTER & DELUVER TO M & O OFFICE IF NONE WAS PROVIDED ON PREVIOUS PROJECTS AT THE SCHOOL DISTRICT. REFER TO SPECIFICATIONS FOR REQUIREMENTS AND PROVIDE SEPARATE PRICING.

⑩ PROVIDE WIRE GUARD OVER TEMPERATURE SENSORS. TYPICAL TO ALL BUILDINGS.

GENERAL NOTES:

1. SUPPLY ONE COMPLETE & FUNCTIONING ENERGY MANAGEMENT SYSTEM.
2. THE EP/2 SHALL BE CONNECTED TO THE DISTRICT OFFICE VIA PHONE MODEM DURING THE CONSTRUCTION PERIOD. PHONE LINE BY DISTRICT. CONTRACTOR SHALL PROVIDE AN ETHERNET CONNECTION TO THIS CONTROL SYSTEM FROM THE EXISTING CENTRAL DISTRICT NOVAR EMS UPON COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE ANY HARDWARE OR SOFTWARE REQUIRED AT EITHER LOCATION TO INSURE FULL SYSTEM OPERABILITY FROM EXISTING CENTRAL DISTRICT WORKSTATIONS.
3. ALL EQUIPMENT AND APPURTENANCES AS WELL AS THEIR INSTALLATION AND WIRING ARE THE FULL RESPONSIBILITY OF THE CONTRACTOR AND SHALL MEET THE REQUIREMENTS OF "THE SCHOOL DISTRICT CONTROL STANDARDS". NOVAR SOFTWARE AND DYNAMIC COLOR GRAPHIC DISPLAYS AS DESCRIBED SHALL BE PROVIDED AT THE DISTRICT OFFICE AND AT THE LOCAL SCHOOL, FINAL PROGRAMMING BY DEALER TO BE SUBJECT TO SCHOOL DISTRICTS' APPROVAL AND SHALL BE COORDINATED WITH THE DISTRICT FACILITIES PROJECT MANAGER OR OTHER DISTRICT DESIGNATE.
4. ANY EXISTING CONTROL SYSTEMS PRESENT SHALL REMAIN IN FULL OPERATION UNTIL THE NEW CONTROL SYSTEM IS IN PLACE AND IS READY TO TAKE OVER CONTROL. ANY REQUIRED TEMPORARY MODIFICATIONS (WIRING, POWER SUPPLIES, SCHEDULING, ETC.) TO THE EXISTING EMS CONTROL SYSTEM SHALL BE PERFORMED BY THE CONTROL'S CONTRACTOR TO INSURE PROPER OPERATION OF THE EXISTING EMS SYSTEM DURING THE MODERNIZATION PERIOD. USE OF TEMPORARY TIME CLOCKS CAN BE USED IN LIEU OF THE EXISTING CONTROL PROCESSOR. CONTROL CONTRACTOR SHALL REMOVE ALL OLD CONTROLS NOT BEING USED AND RETURN TO THE SCHOOL DISTRICT'S REPRESENTATIVE.
5. THE M & O WORKSTATION COMPUTER & LAP TOP COMPUTER SHALL HAVE ALL REQUIRED HARDWARE & SOFTWARE AS WELL AS REQUIRED PERSONAL INTERFACE KEYS.
6. UNDERGROUND CONDUIT, CONDUCTORS, AND CABLES SHALL BE SPECIFICALLY RATED FOR USE UNDERGROUND AND INSTALLED TO MANUFACTURER'S RECOMMENDATIONS. COORDINATE INSTALLATION WITH OTHER UNDERGROUND INSTALLATIONS. PROVIDE SLEEVES AS REQUIRED. TRENCHING AND CONDUIT SHALL CONFORM TO MINIMUM REQUIREMENTS FOR ELECTRICAL INSTALLATIONS. UNDERGROUND CONDUCTORS SHALL BE 16 ga MINIMUM.
7. CONTRACTOR SHALL PROVIDE VOLTAGE DROP CALCULATIONS FOR ALL CABLE RUNS. CABLE SHALL HAVE A MAXIMUM 10% VOLTAGE DROP.
8. REFER TO ELECTRICAL DRAWINGS FOR CONDUIT ROUTING & REQUIREMENTS.

SEQUENCE OF OPERATION

A. PACKAGED VAV MULTIZONE UNITS WITH ECONOMIZER

1. EACH UNIT WILL BE DIRECTLY CONTROLLED BY IT'S OWN TERMINAL UNIT CONTROLLER (TUX). THE DDC SYSTEM SHALL INTERFACE WITH UNITS TO PROVIDE THE CONTROL.
2. EACH ZONE WILL BE CONTROLLED VIA A WALL MOUNTED ELECTRONIC TEMPERATURE SENSOR WITH LED DISPLAY, PUSH BUTTONS FOR WARMER, COOLER, ROOM TEMPERATURE, ROOM SET POINT, AND AFTER-HOUR OVERRIDE TIMER.
3. COOLING OPERATION: (A/C ONLY) IF COOLING IS REQUIRED, THE FIRST STAGE WILL ENABLE THE ECONOMIZER TO AUTOMATICALLY MODULATE RETURN AND OUTDOOR AIR DAMPERS TO MAINTAIN PROPER TEMPERATURE INTO THE CONDITIONED SPACE. THE SECOND STAGE WILL ENABLE THE MECHANICAL COOLING WHERE PRESENT.
4. HEATING OPERATION: DURING THE MORNING WARM-UP CYCLE THE O.A. DAMPER WILL REMAIN CLOSED THEN THE O.A DAMPERS WILL MODULATE OPEN. O.A. SHALL BE SET AT MINIMUM AS SHOWN ON SCHEDULE.

   THE HAWKI COMPARES THE HEATING SET POINTS WITH THE SPACE TEMPERATURE AND DETERMINES A HEATING CONTROL SIGNAL TO OPERATE GAS REGULATING VALVE.
5. MONITORING – THE FOLLOWING CONDITIONS SHALL BE MONITORED:
   - A. SUPPLY AIR TEMPERATURE
   - B. OUTSIDE AIR TEMPERATURE
   - C. ROOM TEMPERATURE
   - D. CURRENT MODE (COOLING/HEATING)
   - E. RUN TIME METERS ON FAN.
   - F. SUPPLY AIR TEMPERATURE ATTAINED LAST TIME UNIT WAS IN HEATING.
   - G. SUPPLY AIR TEMPERATURE ATTAINED LAST TIME UNIT WAS IN COOLING.
   - H. MIN. SET POINT FOR ECONOMIZER DAMPER.
   - I. CURRENT STATUS OF FAN, VAV DAMPERS, GAS VALVES AND COMPRESSORS.
6. TYPICAL EXHAUST FAN CONTROL.

   THE EXHAUST FAN(S) SHALL BE ENERGIZED BY A TIME CLOCK FUNCTION WHERE REQUIRED BY OWNER.

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LEE KARNEY
C 3158
EXP: 12/31/99

ARCHITECT'S STAMP

No. M26141
Ren. 6/30/05

CONSULTANT'S STAMP

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL NO. 01-101836 DATE 11-17-03

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

TEMPERATURE CONTROL DIAGRAMS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

DRAWN BY: CHECKED BY:

M7.1

JOB NO: 99041B OF SHEETS

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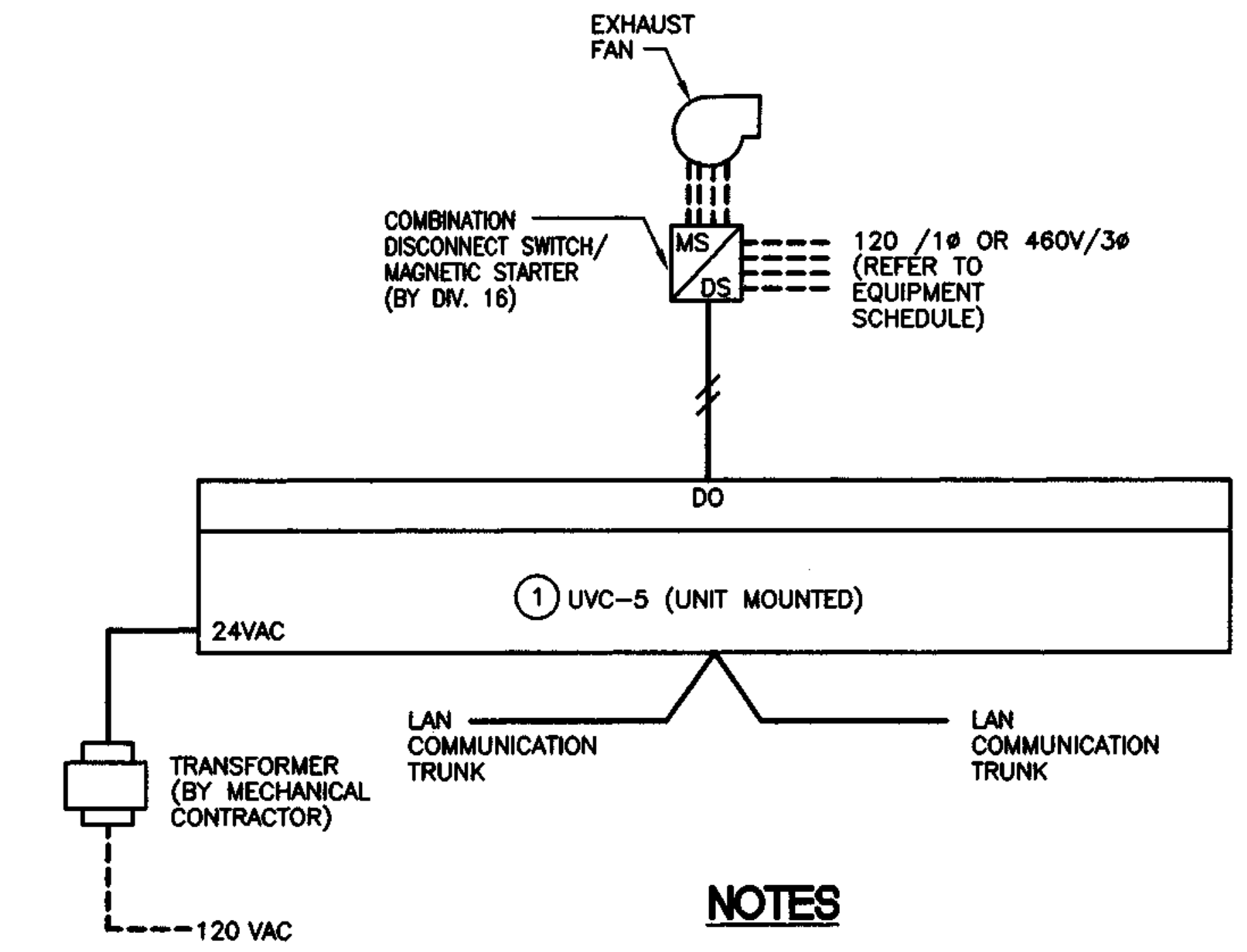
⚠1

⚠1

2 TYPICAL PACKAGED ROOFTOP MULTIZONE VAV UNIT CONTROL DIAGRAM
NOT TO SCALE 15870-1.DWG


EXHAUST FAN
COMBINATION DISCONNECT SWITCH/ MAGNETIC STARTER (BY DIV. 16)
MS
DS
120 /1ø OR 460V/3ø (REFER TO EQUIPMENT SCHEDULE)
DO
① UVC-5 (UNIT MOUNTED)
24VAC
LAN COMMUNICATION TRUNK
LAN COMMUNICATION TRUNK
TRANSFORMER (BY MECHANICAL CONTRACTOR)
120 VAC

NOTES

① SUPPLIED AND FIELD INSTALLED BY CONTROL CONTRACTOR.

CONTROL LEGEND

------	WIRING BY ELECTRICAL CONTRACTOR
——	WIRING BY MECHANICAL CONTRACTOR
DO	DIGITAL OUTPUT
AI	ANALOG INPUT
BDD	BACKDRAFT DAMPER
LAN	LOCAL AREA NETWORK
MS	MAGNETIC STARTER
M	DAMPER ACTUATOR

3 TYPICAL EXHAUST FAN CONTROL DIAGRAM
NOT TO SCALE 15870-1.DWG

⚠1

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07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	⚠1

DRAWN BY: CHECKED BY:

M7.2

JOB NO: 99041B OF SHEETS

ABBREVIATIONS

ABBREVIATIONS	IDENTIFICATION	ABBREVIATIONS	IDENTIFICATION
&	AND	ICV	IRRIGATION CONTROL VALVE
@	AT	ID	INSIDE DIAMETER
AC	AIR CONDITIONING UNIT	IE	INVERT ELEVATION
AD	AREA DRAIN, ACCESS DOOR	IN	INCH
AFF	ABOVE FINISHED FLOOR	INV	INVERT
AP	ACCESS PANEL	IRV	IRRIGATION VALVE
ARCH	ARCHITECT	JS	JANITOR SINK
AW	ACID WASTE	KW	KILOWATT
AV	ACID VENT	L	LAVATORY
AVTR	ACID VENT THRU ROOF	LBS	POUNDS
BEL	BELOW	MAX	MAXIMUM
BFF	BELOW FINISHED FLOOR	MBH	1000 BTUS PER HOUR
BTU	BRITISH THERMAL UNIT	MECH	MECHANICAL
CFH	CUBIC FEET PER HOUR	MFR	MANUFACTURER
CFM	CUBIC FEET PER MINUTE	MIN	MINIMUM
CI	CAST IRON	(N)	NEW
CIRC	CIRCULATING	NC	NORMALLY CLOSED
CKV	CHECK VALVE	NIC	NOT IN CONTRACT
CLG	CEILING	NTS	NOT TO SCALE
CO	CLEAN OUT	NO	NORMALLY OPEN
CONC	CONCRETE	OC	ON CENTER
CONN	CONNECTION	OD	OVERFLOW DRAIN, OUTSIDE DIAMETER
CONT	CONTINUED	PH	ELECTRICAL PHASE
COORD	COORDINATE/COORDINATION	PRV	PRESSURE REDUCING VALVE
ø	DIAMETER	PSI	POUNDS PER SQUARE INCH
DIA	DIAMETER	PSIG	POUNDS PER SQUARE INCH GAUGE
DN	DOWN	RD	ROOF DRAIN
DWG	DRAWING	REQT'S	REQUIREMENTS
(E)	EXISTING	RM	ROOM
EFF (%)	EFFICIENCY (PERCENT)	S	SINK
ELECT	ELECTRICAL	SA	SUPPLY AIR
ELEV	ELEVATION	SCH	SCHEDULE
EQ.	EQUAL	SN	SHEET NOTE
EQUIP	EQUIPMENT	SOV	SHUT-OFF VALVE
ET	EXPANSION TANK	SPR	SPRINKLER
°F	FAHRENHEIT IN DEGREES	SQ	SQUARE
FCO	FLOOR CLEAN OUT	SS	STAINLESS STEEL, SANITARY SEWER
FD	FLOOR DRAIN	STRUCT	STRUCTURAL/STRUCTURE
FFE	FINISH FLOOR ELEVATION	SUPP	SUPPLY (SUPPLIES)
FH	FIRE HYDRANT	SW	SWITCH, SOFT WATER
FLA	FULL LOAD AMPS	T&PRV	TEMPERATURE & PRESSURE RELIEF VALVE
FLEX	FLEXIBLE	TC	TIME CLOCK
FLR	FLOOR	TEMP	TEMPERATURE
FPM	FEET PER MINUTE	TP	TRAP PRIMER
FS	FLOOR SINK	T'STAT	THERMOSTAT
FT^2	SQUARE FEET	TYP	TYPICAL
FV	FLUSH VALVE	UL	UNDERWRITER'S LABORATORIES
GA	GAUGE	U	URINAL
GAL	GALLON	UON	UNLESS OTHERWISE NOTED
GALV	GALVANIZED	VIF	VERIFY IN FIELD
GC	GAS COCK	VOL	VOLUME
GCO	GRADE CLEAN OUT	VTR	VENT THROUGH ROOF
GPM	GALLONS PER MINUTE	W/	WITH
H/C (HC)	HANDICAPPED	WCO	WALL CLEAN OUT
HP	HORSEPOWER, HEAT PUMP	WC	WATER CLOSET

SYMBOL LEGEND

SYMBOL	ABBREVIATIONS	IDENTIFICATION
	SAN	SANITARY UNDERGROUND
	SAN	SANITARY AT OR ABOVE CEILING
SD	SD	STORM DRAIN UNDERGROUND
SD	SD	STORM DRAIN AT OR ABOVE CEILING
OFD	OFD	OVERFLOW DRAIN AT OR ABOVE CEILING
	V	VENT
TP	TP	TRAP PRIMER
	CW	DOMESTIC COLD WATER
	HW	DOMESTIC HOT WATER
	HWR	DOMESTIC HOT WATER RETURN
G	G	NATURAL GAS
MG	MG	MEDIUM PRESSURE GAS
HG	HG	HIGH PRESSURE GAS
CD	CD	CONDENSATE DRAIN
	GCO/FCO	GRADE CLEAN-OUT/FLOOR CLEANOUT
	CO	CLEAN-OUT
		CAP
	DN	RISER DOWN (ELBOW)
	UP	RISER UP
		RISE OR DROP
		CONNECTION, BOTTOM
		CONNECTION, TOP
	TEE	TEE, OUTLET UP
	GV	GATE VALVE
	GLV	GLOBE VALVE
	BV	BALL VALVE
		PLUG VALVE
	GC	GAS COCK
		GAS PRESSURE REGULATOR
		VALVE IN YARD BOX
		UNION
		BALANCING VALVE
	CH VA	CHECK VALVE
	DCBP	DOUBLE CHECK BACKFLOW PREVENTER
	RZBP	REDUCED ZONE BACKFLOW PREVENTER
	PRV	PRESSURE REDUCING VALVE
		SOLENOID OPERATED VALVE
		THERMOMETER
		PRESSURE GAUGE WITH GAUGE COCK
	HB	HOSE BIBB
	WH	RECESSED BOX HOSE BIBB OR WALL HYDRANT
	FS	FLOW SWITCH
	T&PRV	TEMPERATURE AND PRESSURE RELIEF VALVE
	WHA	WATER HAMMER ARRESTER
	YB	YARD BOX
SPR	SPR	FIRE SPRINKLER

GENERAL PLUMBING NOTES

1. THE PLUMBING SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL CONFORM TO THE 1998 EDITION OF THE CALIFORNIA CODE WITH THE 1997 UNIFORM PLUMBING CODE.
2. DRAWINGS INDICATE GENERAL ARRANGEMENTS OF EQUIPMENT, PIPING, FIXTURES, ETC. CONTRACTOR SHALL COORDINATE ALL WORK ON THESE DRAWINGS AND SPECIFICATIONS WITH ALL DISCIPLINES AND TRADES PRIOR TO SUBMITTAL OF BID AND INSTALLATION OF SYSTEMS. CONTRACTOR SHALL BEAR ALL COST FOR FAILURE TO PROPERLY COORDINATE INSTALLATIONS AND ADVISE CONFLICT IN WRITING PRIOR TO INSTALLATION.
3. PREFERENCE SHALL BE GIVEN FIRST TO MEASUREMENTS TAKEN AND CONFIRMED IN THE FIELD, SECONDLY TO CALCULATED DIMENSIONS ON THE DRAWINGS. DO NOT USE ANY SCALED MEASUREMENTS TAKEN FROM THE DRAWINGS.
4. WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK. THE DETAILS SHALL BE THE SAME WITH ACCEPTED INDUSTRY PRACTICE AND STANDARDS.
5. ALL WORK SHALL BE OF THE HIGHEST POSSIBLE QUALITY, PERFORMED BY WORKERS AND TRADESMEN EXPERIENCED IN THEIR CRAFT. SUBSTANDARD OR FLAWED WORK WILL BE REPAIRED OR REPLACED AT NO COST TO OWNER.
6. CONTRACTOR SHALL PROVIDE ALL LABOR, PLANS AND MATERIALS AS REQUIRED TO MAKE COMPLETE AND FUNCTIONAL SYSTEM.
7. MANUFACTURER'S MODEL NUMBERS ARE SPECIFIED SOLELY TO ESTABLISH STANDARDS OF QUALITY FOR PERFORMANCE AND MATERIALS.
8. IF WATER PRESSURE AT THE INCOMING SERVICE EXCEEDS 80 PSI, PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL AN APPROVED PRESSURE REDUCING VALVE SET TO 80 PSI.
9. PROVIDE WATER HAMMER ARRESTERS TO DOMESTIC WATER LINES SERVING PLUMBING FIXTURES. SIZE IN ACCORDANCES WITH THE LATEST EDITION OF THE PLUMBING DRAINAGE INSTITUTE (PDI) SIZING AND INSTALLATION REQUIREMENTS. AIR CHAMBERS ARE NOT ACCEPTABLE.
10. PROVIDE ACCESS PANELS TO SYSTEM COMPONENTS SUCH AS, SHUT-OFF VALVES, TRAP PRIMERS AND WATER HAMMER ARRESTERS THAT ARE CONCEALED AND REQUIRE PERIODIC SERVICE.
11. PROVIDE SHUT-OFF VALVES ON ALL BRANCH PIPING AND ALL SUPPLIES TO INDIVIDUAL FIXTURES AND EQUIPMENT. PROVIDE BALL VALVES ON ALL WATER MAIN BRANCHES IN CORRIDORS AND WHERE INDICATED ON DRAWINGS.
12. PROVIDE AUTOMATIC TRAP PRIMERS TO FLOOR DRAINS. TRAP PRIMING DEVICE SHALL BE ACCESSIBLE FOR MAINTENANCE.
13. ALL CLEANOUTS TO BE ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS.
14. ALL PLUMBING FIXTURE LOCATIONS (WATER CLOSETS, SINKS, FLOOR DRAINS, LAVATORIES, STUB-OUTS, ETC.) ARE DIAGRAMMATIC, AND CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ROUGH-INS.
15. INSTALL UNDERGROUND PIPING CLEAR OF LOCAL BEARING FOOTING OR AS DIRECTED BY STRUCTURAL ENGINEER.
16. INSULATE ALL EXPOSED DRAIN, WASTE AND HOT WATER SUPPLY PIPING AT HANDICAP LAVATORIES WITH 'HANDI-LAV' GUARD KITS AS MANUFACTURED BY TRUEBRO INC.
17. CONTRACTOR TO PROVIDE THROUGH PENETRATION FIRESTOPS IN ACCORDANCE WITH UBC SECTION 714. FOR NEW AND EXISTING PIPING PASSING THRU FIRE RATED WALLS.
18. ALL PIPING (NEW AND EXISTING) SHALL BE PROVIDED WITH SEISMIC RETRAINTS BASE ON SEISMIC HAZARD LEVEL (SHL) A OF THE 1998 SMACNA (SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION SEISMIC RESTRAINT MANUAL 'GUIDELINES PER MECHANICAL SYSTEMS" AND THE 1998 CALIFORNIA BUILDING CODE WITH 1997 UNIFORM BULDING CODE.

SCHOOL EQUIPMENT ANCHORAGE

IN ACCORDANCE WITH TITLE 24, SECTION 1630A.2 AND TABLE NO. 16A-O, DETAILS SHALL BE PROVIDED FOR THE SEISMIC ANCHORAGE OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT. ANCHORAGE DETAILS SHALL BE BASED UPON APPROPRIATE DESIGN CALCULATIONS.

FOR EQUIPMENT WEIGHING 400 POUNDS OR MORE ANCHORAGE DETAILS AND APPROPRIATE DESIGN CALCULATIONS SHALL BE SUBMITTED AS PART OF THE MECHANICAL AND ELECTRICAL DRAWING. "DEFERRED APPROVAL" ITEMS WILL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE PLAN CHECK SUPERVISOR.

EXCEPTION: ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400 POUNDS AND SUPPORTED DIRECTLY ON THE FLOOR OR ROOF STRUCTURE, FURNITURE, OR TEMPORARY OR MOVABLE EQUIPMENT AND EQUIPMENT WEIGHING LESS THAN 20 POUNDS THAT IS SUPPORTED BY VIBRATION ISOLATION DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR, NEED NOT BE DETAILED ON THE PLANS. REFER TO THE FOLLOWING FOR ANCHORAGE REQUIREMENTS.

ALL MECHANICAL & ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	30% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	40% OF OPERATING WEIGHT

SIMULTANEOUS VERTICAL FORCE – USE 1/3 X HORIZONTAL FORCE.

FOR FLEXIBLY MOUNTED EQUIPMENT SEE TITLE 24, SECTION 1630A.2.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.

REFER TO SMACNA SEISMIC RESTRAINT "GUIDELINES FOR MECHANICAL SYSTEM" FOR PIPE AND DUCT SUPPORT.

NOTICE

THIS TABLE HAS BEEN PREPARED FOR AN IMPORTANCE FACTOR OF I = 1.0 AND FOR SEISMIC ZONE 4. MAKE APPROPRIATE ADJUSTMENT FOR ANY OTHER VAUES.

MANDATORY MEASURES TITLE NOTES

MANDATORY MEASURES REQUIRED BY THE CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 1, ARTICLE 1.--ENERGY BUILDING REGULATIONS, SUBCHAPTER 2.

A. PIPE INSULATION AND CONSTRUCTION SHALL CONFORM TO SECTION 123.
B. ALL PLUMBING EQUIPMENT SHALL BE CERTIFIED PER SECTION 111.
C. ALL GAS APPLIANCES SHALL HAVE PILOTLESS IGNITION PER SECTION 115.
D. DOMESTIC HOT WATER HEATERS SHALL BE PROVIDED PER SECTION 113.

DRAWING INDEX

CODE	DESCRIPTION
P0.1	LEGEND, ABBREVIATIONS, GENERAL NOTES & SCHEDULES
P1.4	DEMOLITION FLOOR PLANS, PODS G & H
P2.1	FLOOR PLANS, PODS A & B
P2.2	FLOOR PLANS, PODS C & D
P2.3	FLOOR PLANS, PODS E & F
P2.4	FLOOR PLANS, PODS G & H
P2.5	FLOOR PLANS, PODS I & J
P2.6	FLOOR PLANS, PODS K & L
P2.7	FLOOR PLANS, PODS M & N
P2.8	FLOOR PLANS, PODS O & P
P2.9	ROOF PLAN
P6.1	DETAILS

PLUMBING CONNECTION SCHEDULE

TAG	DESCRIPTION	S	V	CW	HW	GAS	REMARKS
WC-1	WATER CLOSET	4"	2"	1-1/4"	–	–	WALL MOUNT, FLUSH VALVE, ADA
WC-2	WATER CLOSET	4"	2"	1-1/4"	–	–	WALL MOUNT, FLUSH VALVE
WC-3	WATER CLOSET	4"	2"	1-1/4"	–	–	FLOOR MOUNT, FLUSH TANK, ADA
L-1	LAVATORY	2"	1-1/2"	1/2"	–	–	WALL MOUNT, HANDICAP ACCESSIBLE
S-1	SINK	2"	1-1/2"	1/2"	1/2"	–	25x22 STAINLESS STEEL, ADA
S-2	SINK	2"	1-1/2"	1/2"	–	–	25x22 STAINLESS STEEL, BUBBLER, ADA
S-3	SINK	2"	1-1/2"	1/2"	1/2"	–	LABORATORY SINK,DOUBLE COMPARTMENT
S-4	SINK	2"	1-1/2"	1/2"	1/2"	–	PREP ROOM, DOUBLE COMPARTMENT
S-5	NOT USED	–	–	–	–	–	
S-6	SINK	2"	1-1/2"	1/2"	1/2"	–	FOOD LAB, SS, DOUBLE COMPARTMENT
S-7	SINK	2"	1-1/2"	1/2"	–	–	WITH (2) GAS OUTLET G-2
S-8	SINK	2"	1-1/2"	1/2"	–	–	WITH (2) GAS OUTLET G-1
S-9	SINK	2"	1-1/2"	1/2"	–	–	WITH (2) GAS OUTLET G-2
WF-1	WASH FOUNTAIN	2"	1-1/2"	3/4"	1/2"	–	BRADLEY TRI-FOUNT
DF-1	DRINKING FOUNTAIN	2"	1-1/2"	1/2"	–	–	HANDICAP ACCESSIBLE
DF-2	DRINKING FOUNTAIN	2"	1-1/2"	1/2"	–	–	DUAL HEIGHT
SH-1	SHOWER	–	–	1/2"	1/2"	–	HANDICAP ACCESSIBLE
U-1	URINAL	3"	1-1/2"	3/4"	–	–	HANDICAP ACCESSIBLE
G-1	GAS OUTLET	–	–	–	–	1/2"	DECK, DOUBLE INLINE, (VR) WATERSAVER MODEL 27L143GO
G-2	GAS OUTLET	–	–	–	–	1/2"	DECK, DOUBLE 90°, VANDAL RESISTANT WATERSAVER MODEL 27L142GO

ELECTRIC WATER HEATER SCHEDULE

TAG	MAKE AND MODEL	LOCATION	CAP (GALS)	KW	V	PH	RECOVERY @90°F RISE	OPER. WT. LBS.	REMARKS
EWH-1	ARISTON P10S	POD. 'B'	2.5	1.35	120	1	8	25	SINGLE ELEMENT SET TEMP. @ 100°F
EWH-2	ARISTON P10S	POD. 'D'	2.5	1.35	120	1	8	25	SINGLE ELEMENT SET TEMP. @ 100°F
EWH-3	ARISTON P10S	POD. 'E'	2.5	1.35	120	1	8	25	SINGLE ELEMENT SET TEMP. @ 100°F
EWH-4	ARISTON P10S	POD. 'H'	2.5	1.35	120	1	8	25	SINGLE ELEMENT SET TEMP. @ 100°F
EWH-5	ARISTON P10S	POD. 'I'	2.5	1.35	120	1	8	25	SINGLE ELEMENT SET TEMP. @ 100°F

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- ☐ FRANZ STEINER AIA
- ☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP: 12/31/99

ARCHITECT'S STAMP

No. M26141 Ren. 6/30/01

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 1 [illegible] 883
AC WMP [illegible] MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

LEGEND,
ABBREVIATIONS
DRAWING INDEX
GENERAL NOTES
& SCHEDULES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY: CHECKED BY:

P0.1

JOB NO: 99041B OF SHEETS

P01BOW.DWG 11/08/99 11:40

GENERAL NOTES

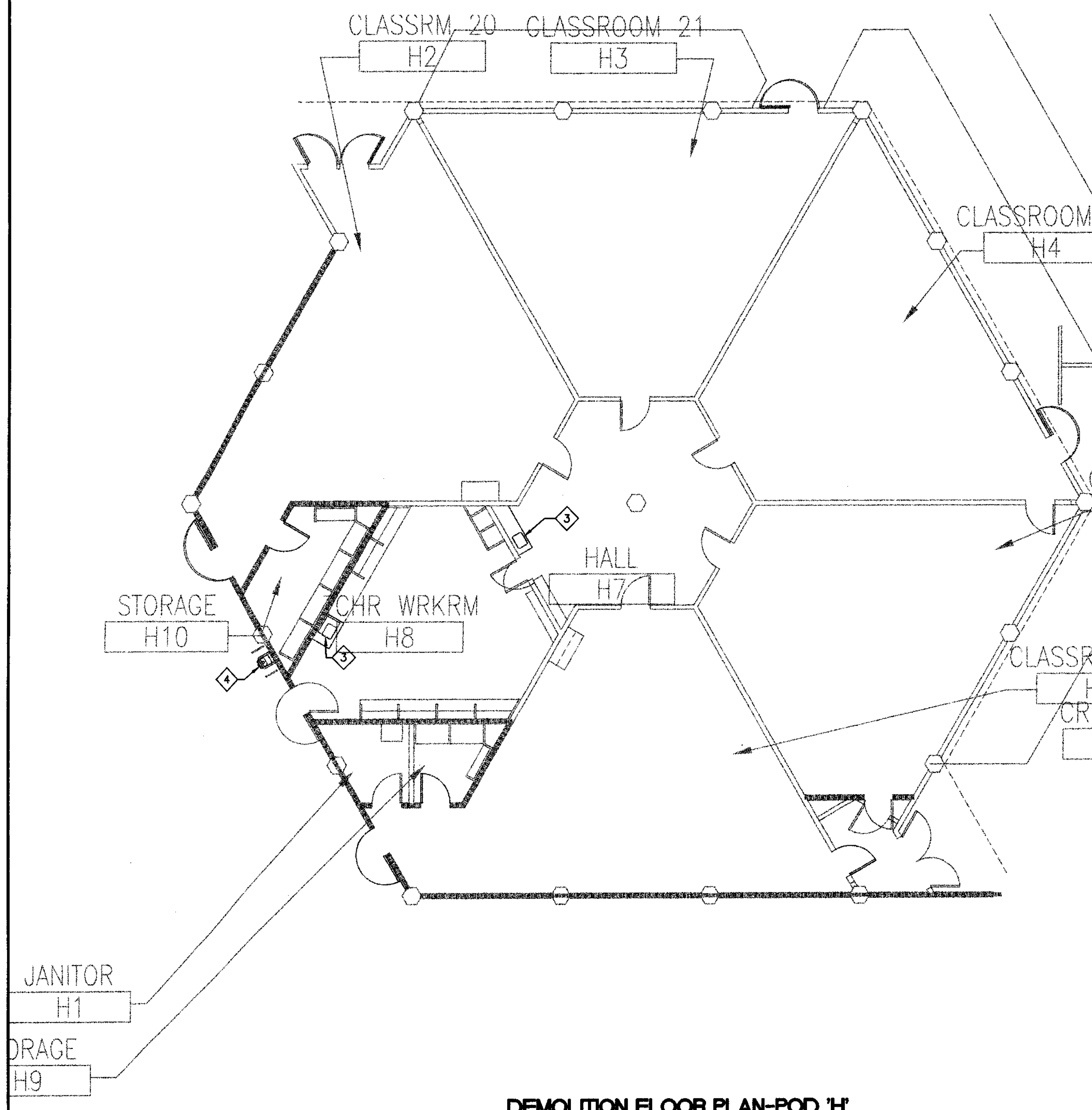
A. EXISTING PIPING ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EXISTING EQUIPMENT OR PIPING ARE SHOWN.

B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

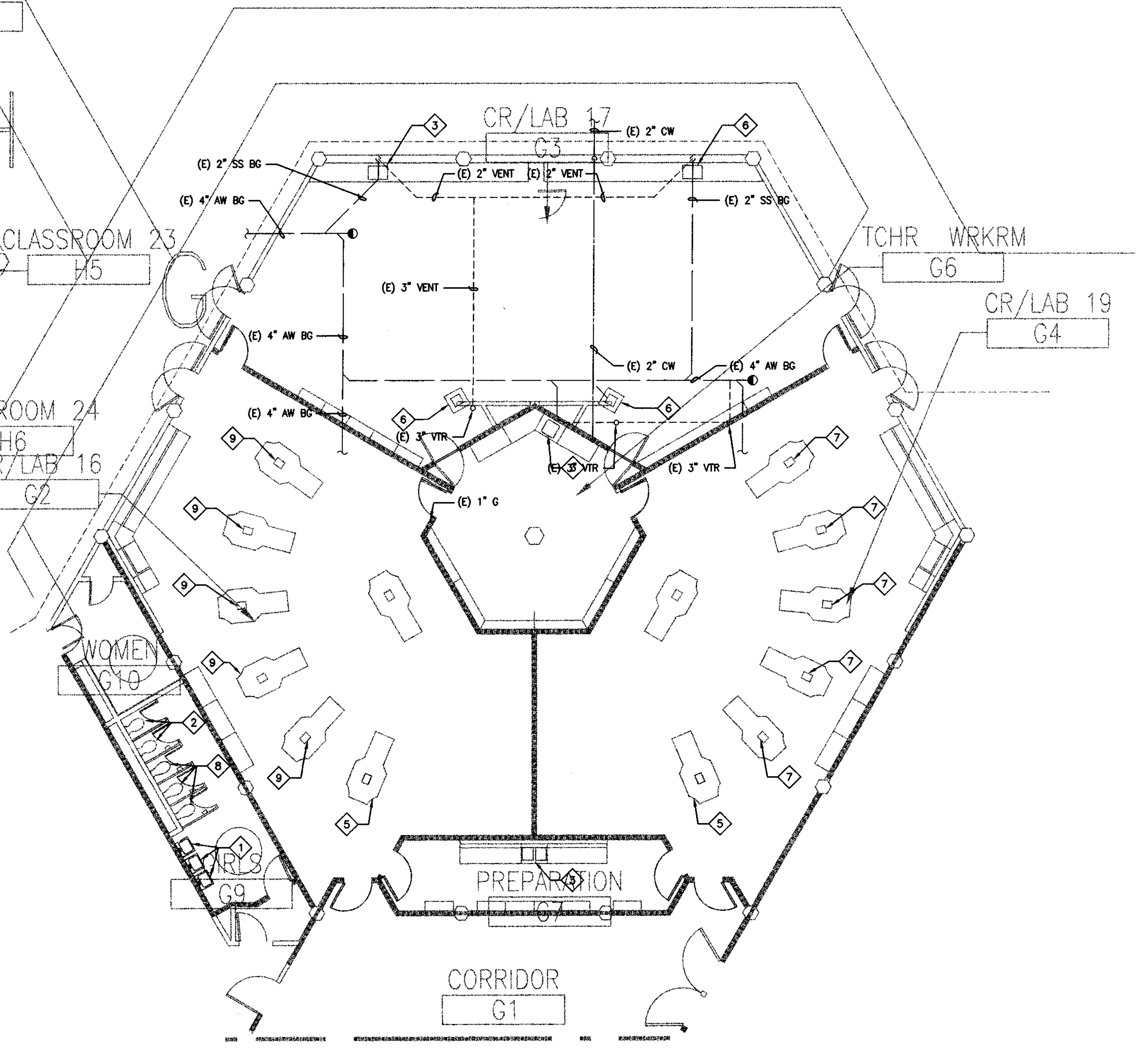
C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

DEMOLITION SHEET NOTES

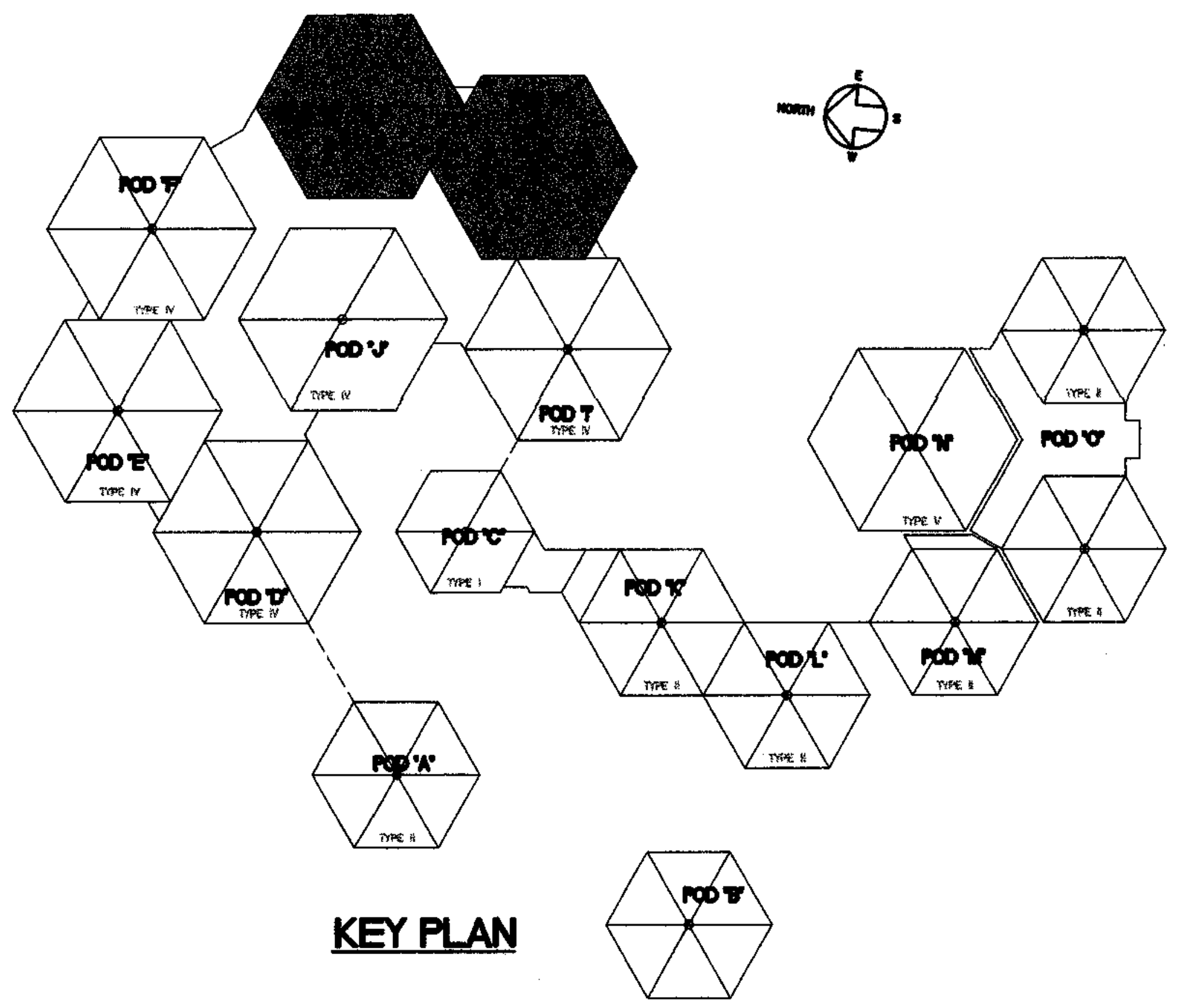
1. REMOVE AND DISPOSE EXISTING WALL MOUNTED LAVATORY INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.
2. REMOVE AND DISPOSE EXISTING WATER CLOSET INCLUDING FLUSH VALVE, SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.
3. REMOVE AND DISPOSE EXISTING SINK INCLUDING SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.
4. REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.
5. REMOVE AND DISPOSE EXISTING LABORATORY TABLE INCLUDING RELATED PIPING. CAP PIPE(S) FOR CONNECTION TO NEW WORK.
6. EXISTING SINK TO REMAIN.
7. EXISTING LAB TABLE TO REMAIN.
8. EXISTING WATER CLOSET TO REMAIN.
9. EXISTING LAB TABLE TO REMAIN, EXCEPT EXISTING OVERHEAD GAS OUTLET TO BE REMOVED. CAP PIPES ABOVE CEILING.



DEMOLITION FLOOR PLAN-POD 'H'
1/8"=1'-0"



DEMOLITION FLOOR PLAN-POD 'G'
1/8"=1'-0"



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APPL. # 1 [illegible] 836
AC LW FLS SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

DEMOLITION FLOOR PLANS POD 'G' & 'H' - PLUMBING

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11.09.99	DSA BACKCHECK	

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P1.4

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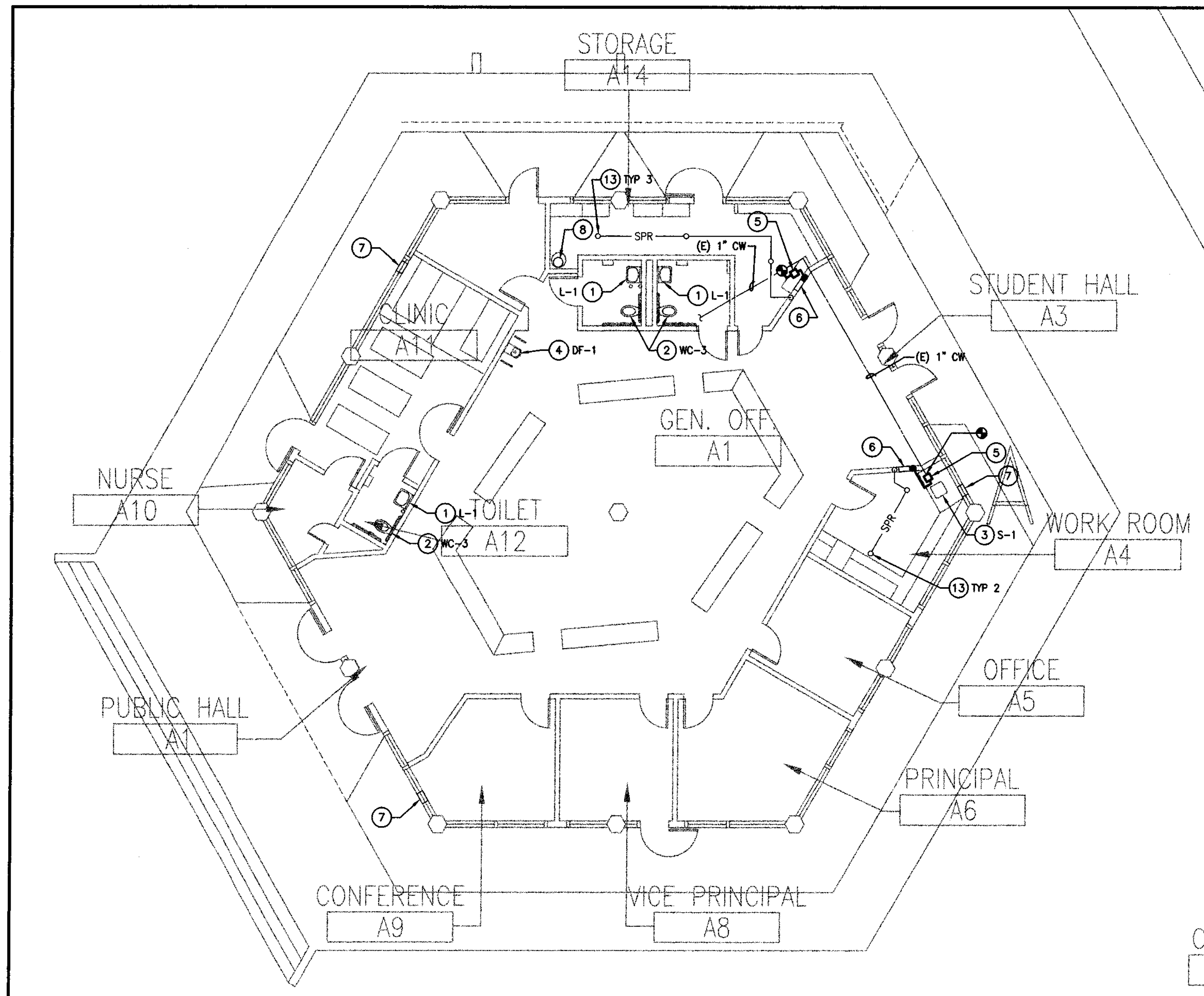
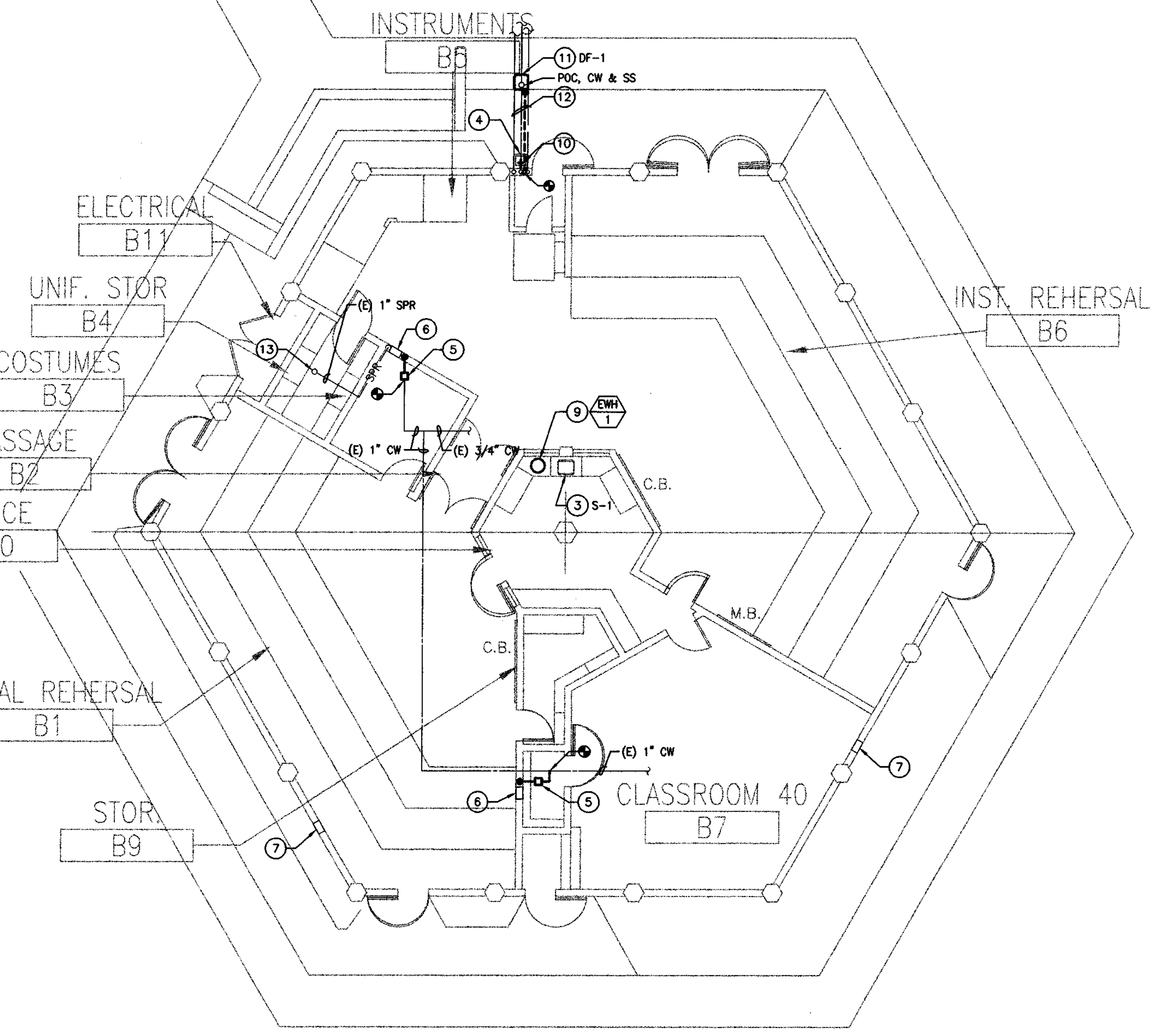


FLOOR PLAN-POD "A"
1/8"=1'-0"



FLOOR PLAN-POD "B"
1/8"=1'-0"

GENERAL NOTES

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B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES

① REMOVE AND DISPOSE EXISTING WALL MOUNTED LAVATORY INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. INSTALL SPECIFIED LAVATORY AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

② REMOVE AND DISPOSE EXISTING WALL MOUNTED WATER CLOSET INCLUDING FLUSH TANK, SUPPLY, STOP AND DRAIN. INSTALL SPECIFIED WATER CLOSET AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

③ REMOVE AND DISPOSE EXISTING SINK INCLUDING SUPPLIES, STOPS, P-TRAP AND DRAIN. INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

④ REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. INSTALL SPECIFIED DRINKING FOUNTAIN AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑤ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AN AREA NO LARGER THAN 24" x 24".

⑥ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑦ PROVIDE EXISTING WALL HYDRANT WITH VACUUM BREAKER.

⑧ EXISTING WATER HEATER TO REMAIN.

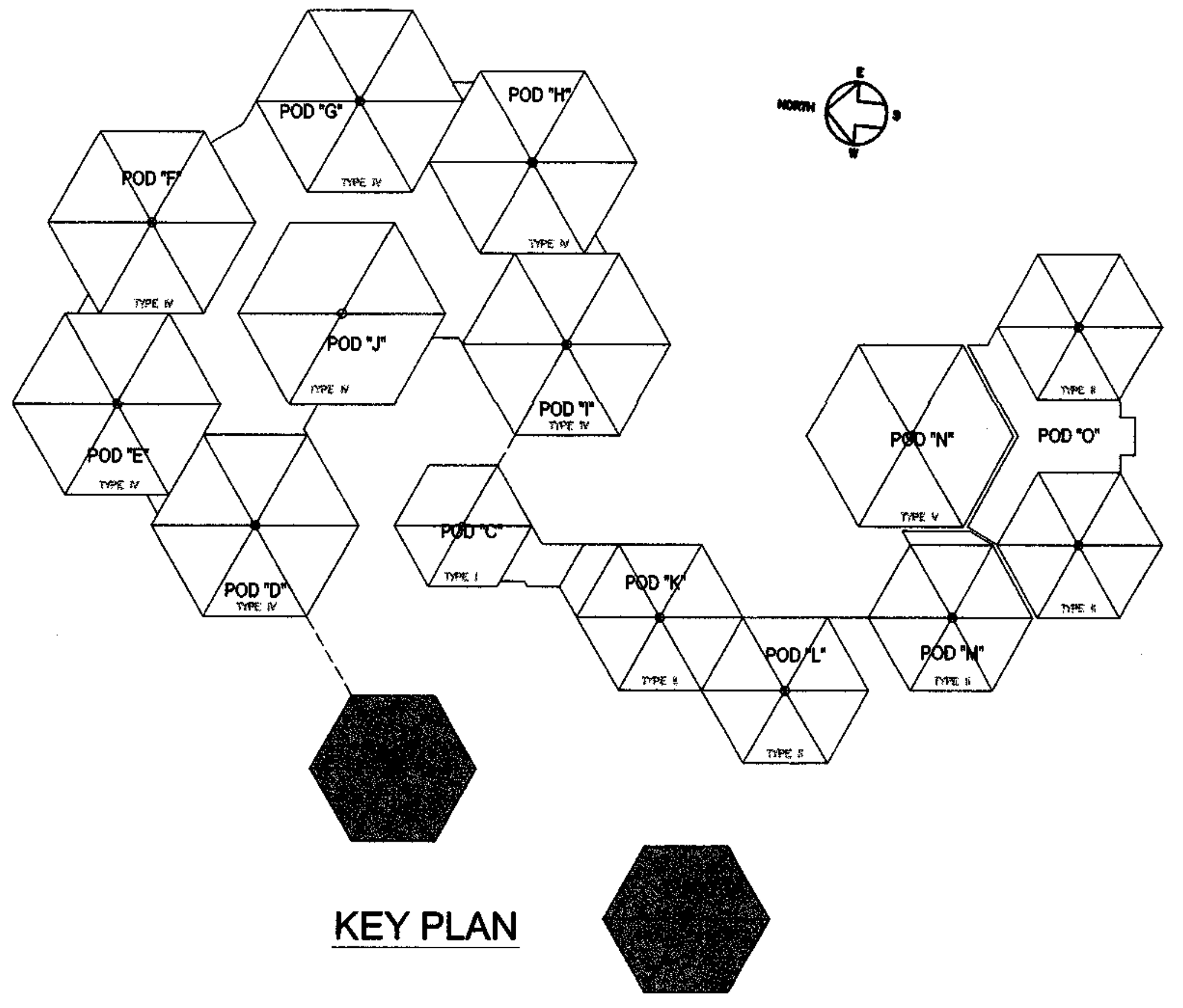
⑨ 2-GALLON POINT OF USE ELECTRIC WATER HEATER. PROVIDE CONNECTION TO SINK. SEE DETAIL

⑩ REMOVE AND DISPOSE EXISTING HOSE BIBB TO ALLOW HANDICAP CLEARANCE FOR DOOR. CAP PIPE BELOW GRADE AND PATCH SLAB TO MATCH ADJACENT SURFACE.

⑪ CONNECT (N) DRINKING FOUNTAIN TO (E) 1" CW AND 2" SS BELOW GRADE. PROVIDE 1/2" CW WITH BALL VALVE AND EXTEND 2" V TO (E) V IN BUILDING.

⑫ (E) 1-1/2" G, (E) 1" CW, (E) 2" SS AND (N) 2" V BELOW GRADE. SAWCUT EXISTING SLAB TO INSTALL VENT LINE AND PATCH TO MATCH ADJACENT SURFACE.

⑬ (E) SPRINKLER HEAD TO REMAIN.



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Ren. 6/30/01

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AC iwp MTS
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FLOOR PLANS POD 'A' & 'B' - PLUMBING

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11.09.99	DSA BACKCHECK	

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P2.1

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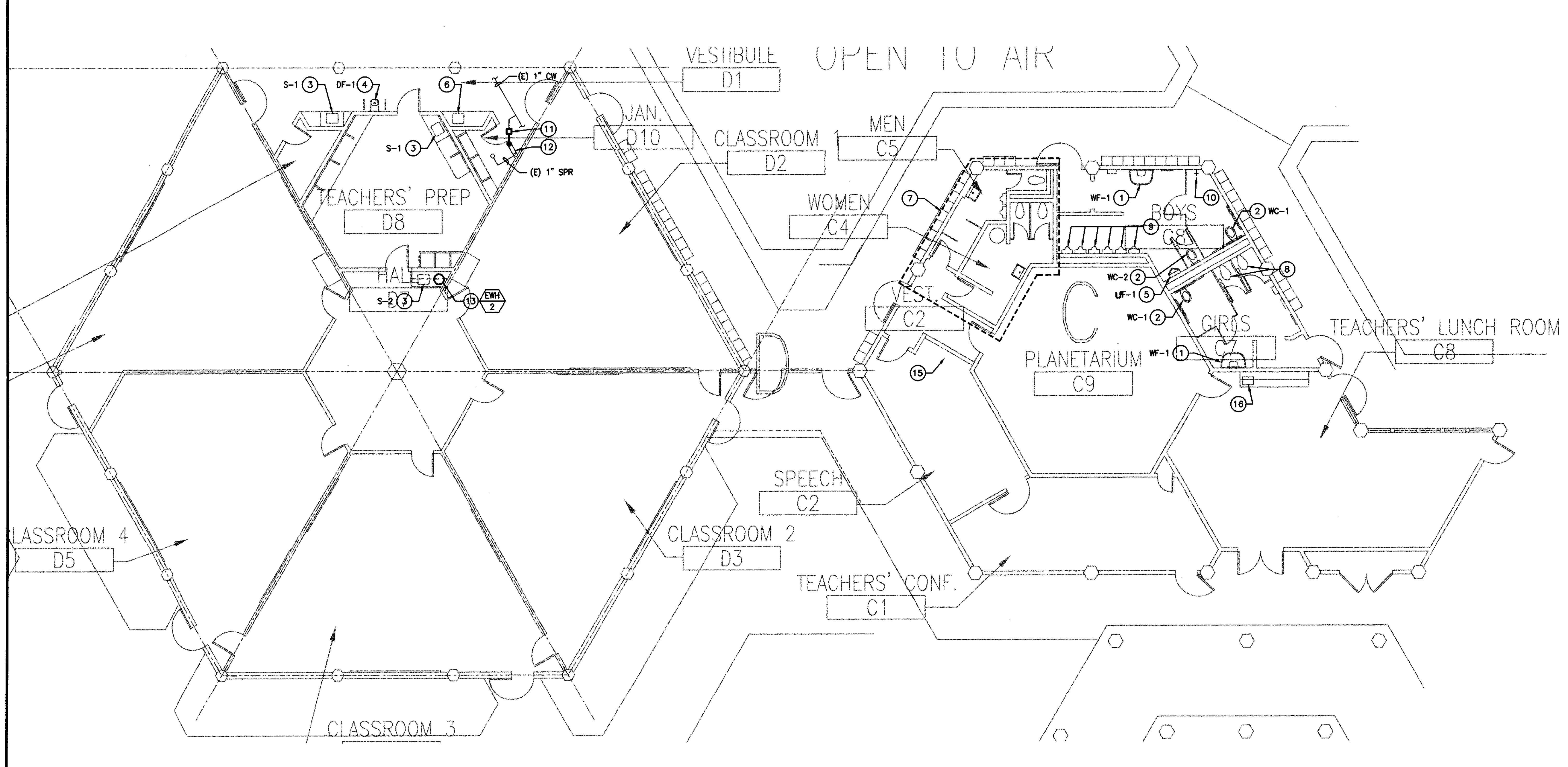
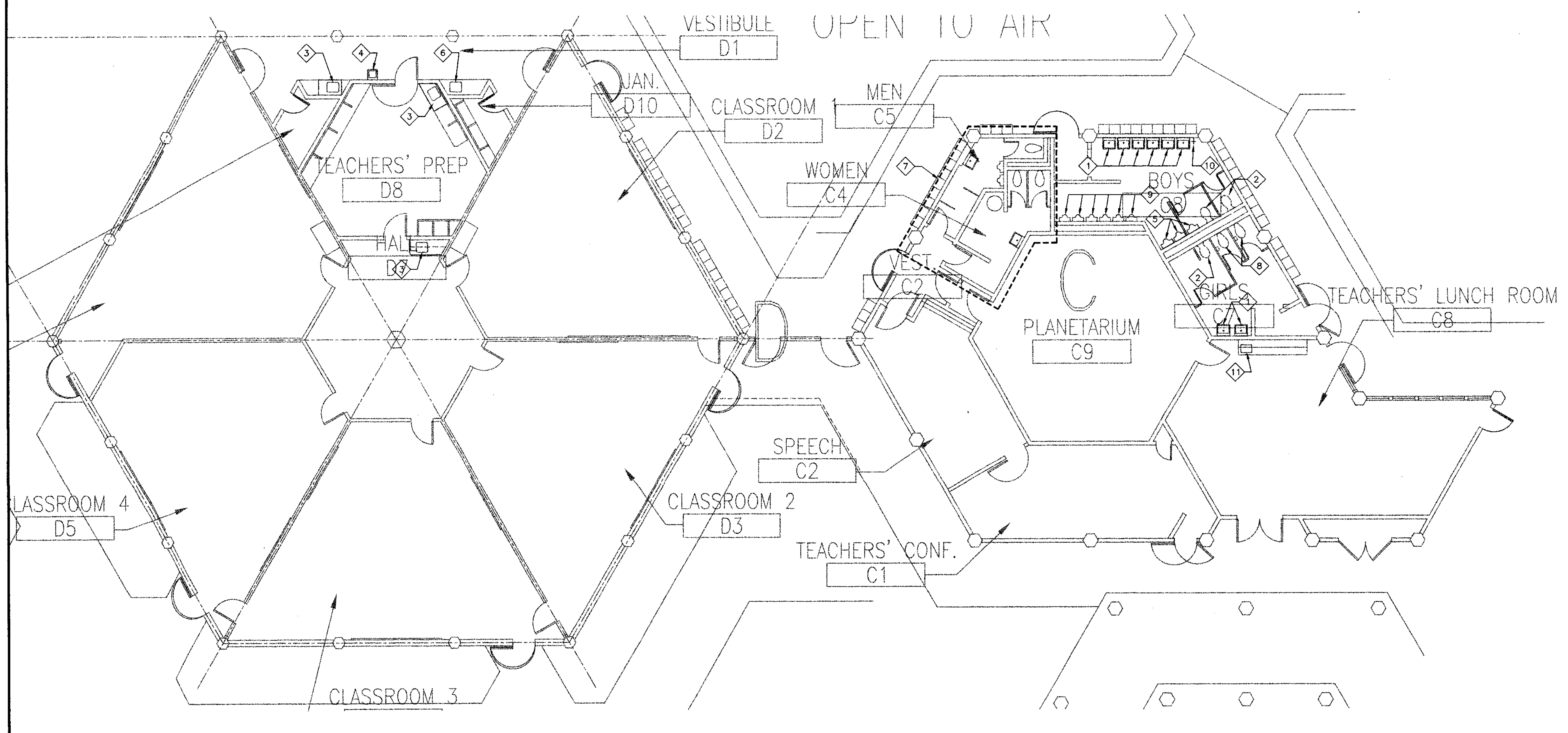


② FLOOR PLAN-POD 'D'
1/8"=1'-0"

① FLOOR PLAN-POD 'C'
1/8"=1'-0"



④ DEMOLITION PLAN-POD 'D'
1/8"=1'-0"

③ DEMOLITION PLAN-POD 'C'
1/8"=1'-0"

GENERAL NOTES

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C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES (DRAWINGS 1/P2.2 AND 2/P2.2)

① INSTALL SPECIFIED WASH FOUNTAIN. PROVIDE CONNECTION TO EXISTING PIPES INCLUDING REQUIRED FITTINGS.

② INSTALL SPECIFIED WATER CLOSET AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

③ INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

④ INSTALL SPECIFIED DRINKING FOUNTAIN AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑤ INSTALL SPECIFIED URINAL. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑥ EXISTING SINK TO REMAIN.

⑦ NO PLUMBING WORK IN OUTLINED AREA.

⑧ EXISTING WATER CLOSET TO REMAIN. REPLACE FLUSH VALVE WITH BATTERY POWERED SLOAN WATER CLOSET RETROFIT KIT.

⑨ EXISTING URINAL TO REMAIN. REPLACE FLUSH VALVE WITH BATTERY POWERED SLOAN URINAL RETROFIT KIT.

⑩ EXISTING HOSE BIBB TO REMAIN.

⑪ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AREA NO LARGER THAN 24" x 24".

⑫ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑬ POINT OF USE ELECTRIC WATER HEATER UNDER COUNTER. PROVIDE CONNECTION TO SINK. SEE DETAIL 1/P6.1.

⑭ EXISTING SPRINKLER HEAD TO REMAIN.

⑮ EXISTING SINK REMOVED BY DISTRICT. CAP EXISTING PIPES BELOW SLAB, ABOVE CEILING OR BEHIND WALL. PATCH TO MATCH ADJACENT SURFACES.

⑯ EXISTING DWYER UNIT TO REMAIN.

DEMOLITION SHEET NOTES (DRAWINGS 3/P2.2 AND 4/P2.2)

◇1 REMOVE AND DISPOSE EXISTING WALL MOUNTED LAVATORY INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇2 REMOVE AND DISPOSE EXISTING WATER CLOSET INCLUDING FLUSH VALVE, SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇3 REMOVE AND DISPOSE EXISTING SINK INCLUDING SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇4 REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇5 REMOVE AND DISPOSE EXISTING WALL MOUNTED URINAL INCLUDING FLUSH VALVE AND SUPPLY. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇6 EXISTING SINK TO REMAIN.

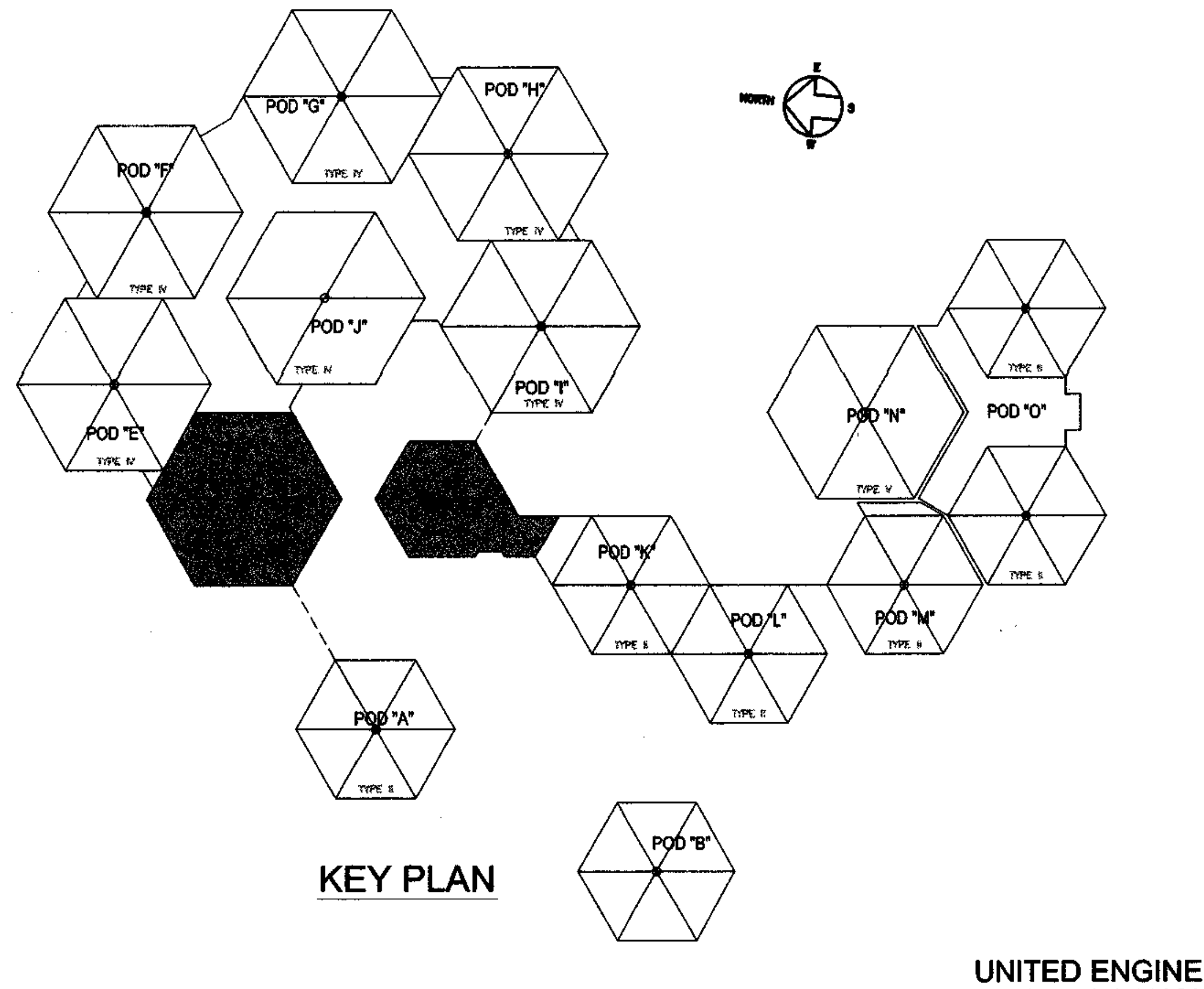
◇7 NO PLUMBING WORK IN OUTLINED AREA.

◇8 EXISTING WATER CLOSET TO REMAIN.

◇9 EXISTING URINAL TO REMAIN.

◇10 EXISTING HOSE BIBB TO REMAIN.

◇11 EXISTING DWYER UNIT TO REMAIN.



KEY PLAN

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EXP: 12/31/99

ARCHITECT'S STAMP

No. M26141
Ren. 6/30/01

CONSULTANT'S STAMP

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1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL. [illegible]
AC [illegible] MTS
DATE DEC 3 0 1998

AUTHORITY APPROVAL

FLOOR PLANS
PODS 'C' & 'D' –
PLUMBING

DATE	ISSUE	REV.
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11.09.99	DSA BACKCHECK	

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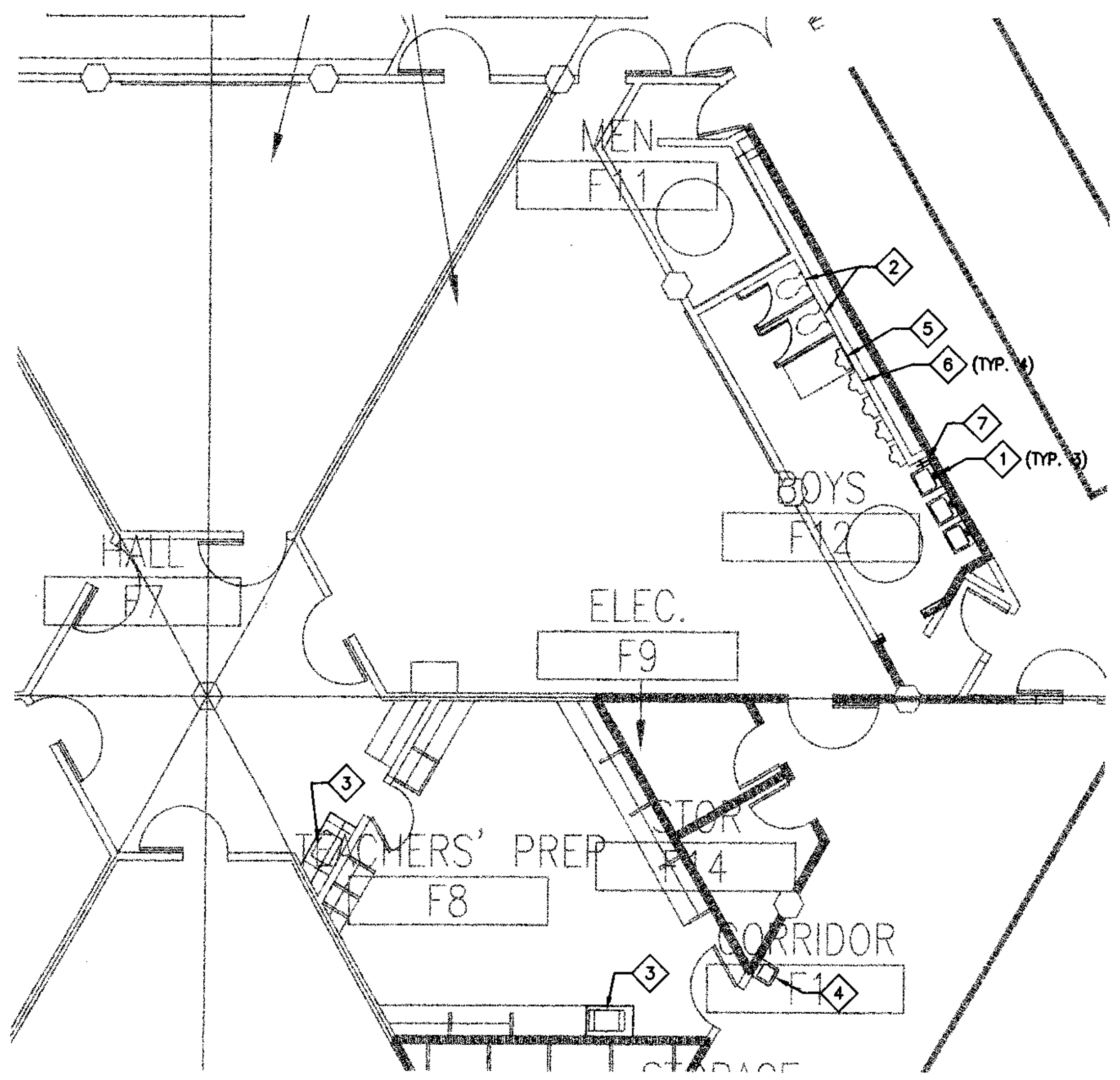
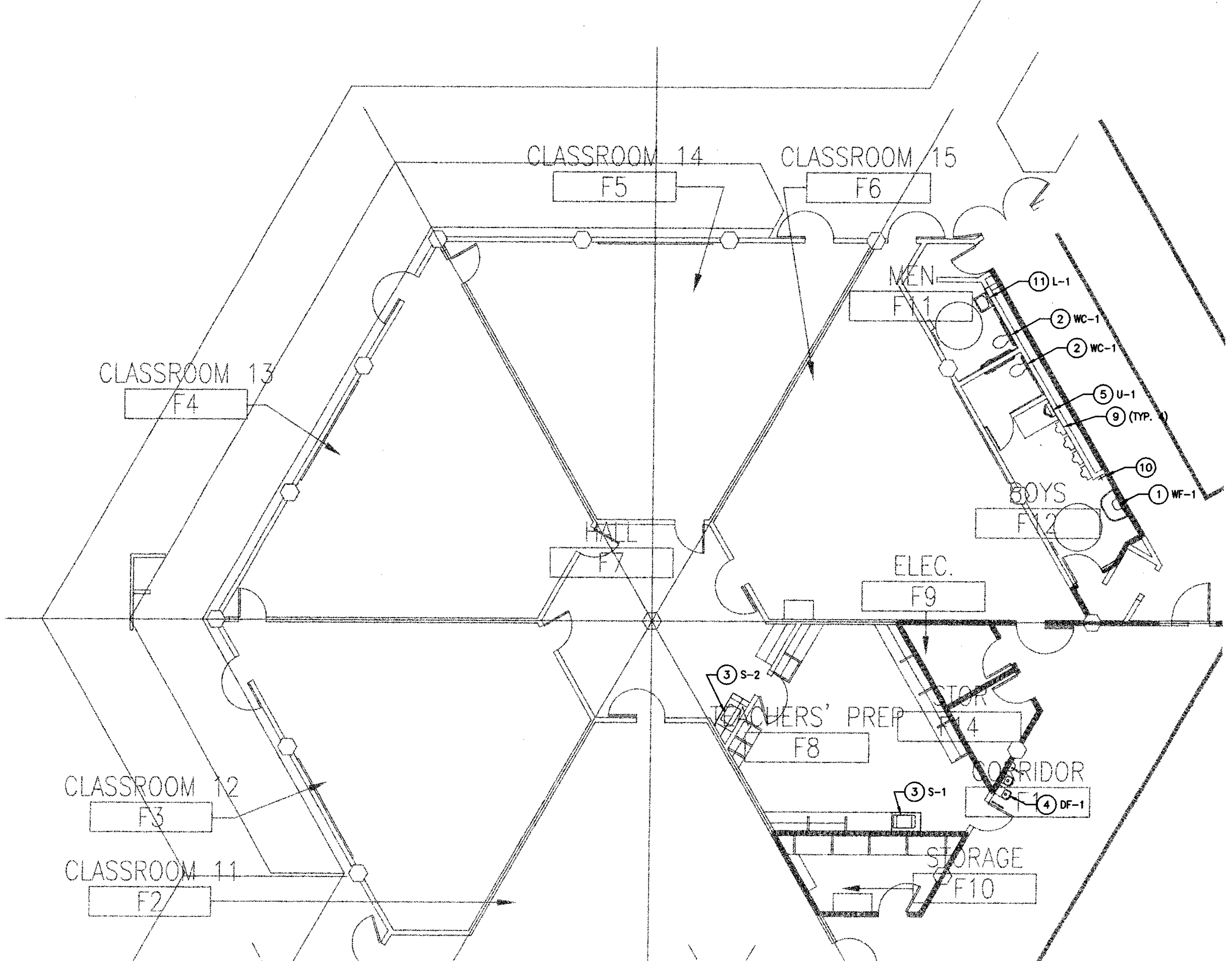
P2.2

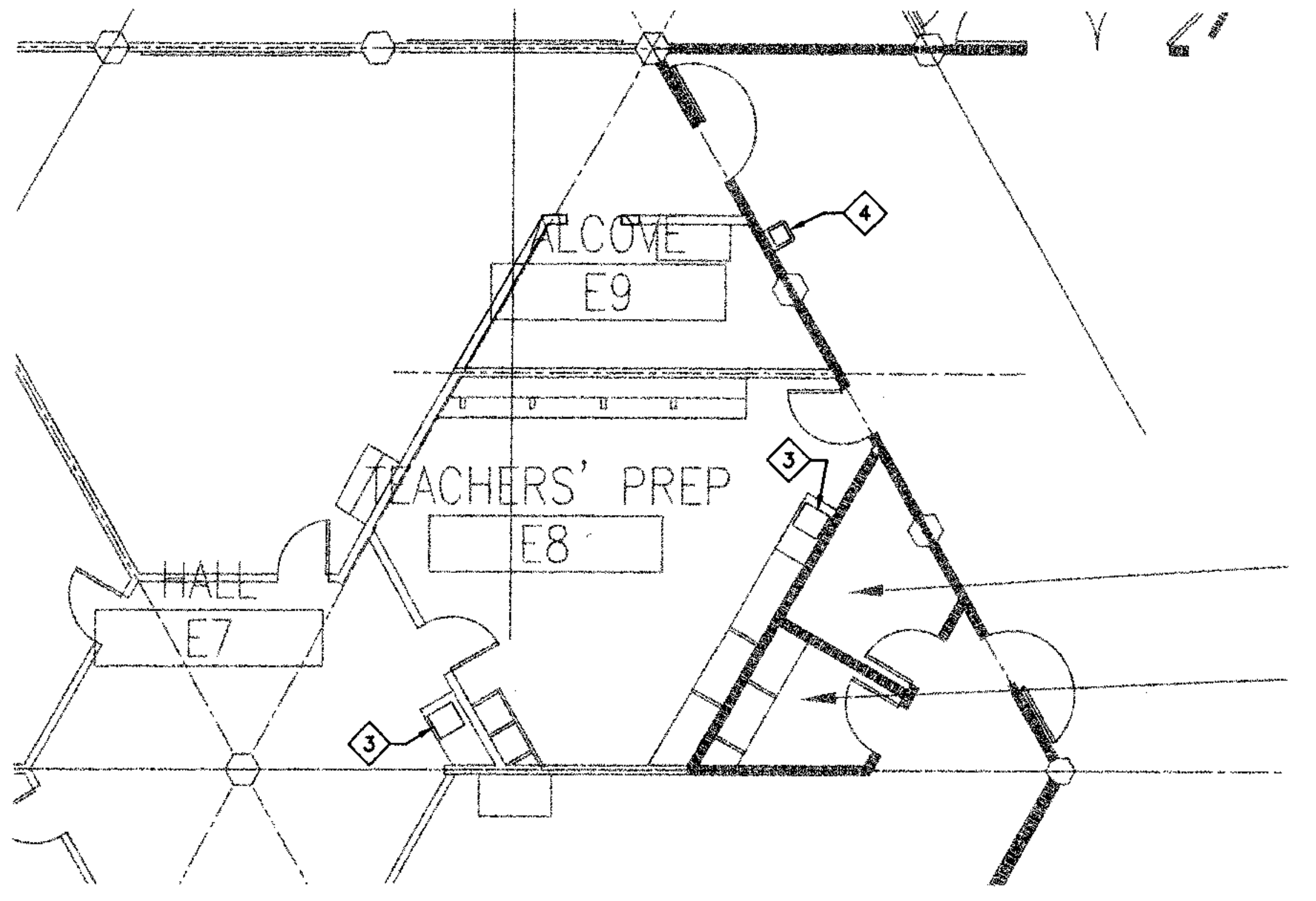
JOB NO: 99041B OF SHEETS



4 **PARTIAL DEMOLITION PLAN-POD 'F'**
1/8"=1'-0"



2 **FLOOR PLAN-POD 'F'**
1/8"=1'-0"



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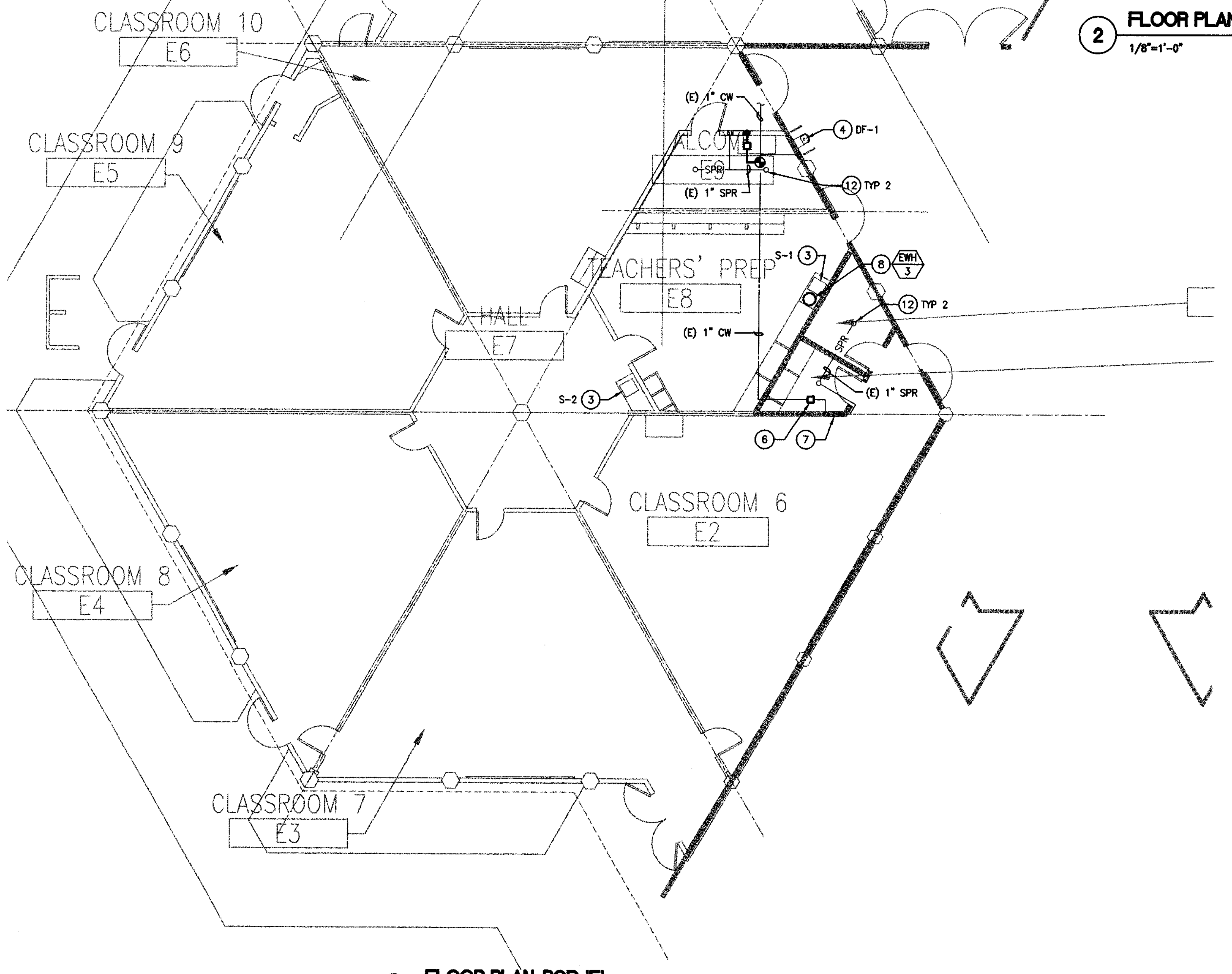

1 **FLOOR PLAN-POD 'E'**
1/8"=1'-0"

GENERAL NOTES

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B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES (DRAWINGS 1/P2.3 AND 2/P2.3)

① INSTALL SPECIFIED WASH FOUNTAIN. PROVIDE CONNECTION TO EXISTING PIPES INCLUDING REQUIRED FITTINGS.

② INSTALL SPECIFIED WATER CLOSET AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

③ INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

④ INSTALL SPECIFIED DRINKING FOUNTAIN. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑤ INSTALL SPECIFIED URINAL. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑥ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AREA NO LARGER THAN 24" x 24".

⑦ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑧ POINT OF USE ELECTRIC WATER HEATER UNDER COUNTER. PROVIDE CONNECTION TO SINK. SEE DETAIL 1/P6.1.

⑨ EXISTING URINAL TO REMAIN. REPLACE FLUSH VALVE WITH BATTERY POWERED SLOAN URINAL RETROFIT KIT.

⑩ EXISTING HOSE BIBB TO REMAIN.

⑪ INSTALL SPECIFIED WALL MOUNTED LAVATORY. EXTEND/MODIFY EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑫ EXISTING SPRINKLER HEAD TO REMAIN.

DEMOLITION SHEET NOTES (DRAWINGS 3/P2.3 AND 4/P2.3)

◇1 REMOVE AND DISPOSE EXISTING WALL MOUNTED LAVATORY INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇2 REMOVE AND DISPOSE EXISTING WATER CLOSET INCLUDING FLUSH VALVE, SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

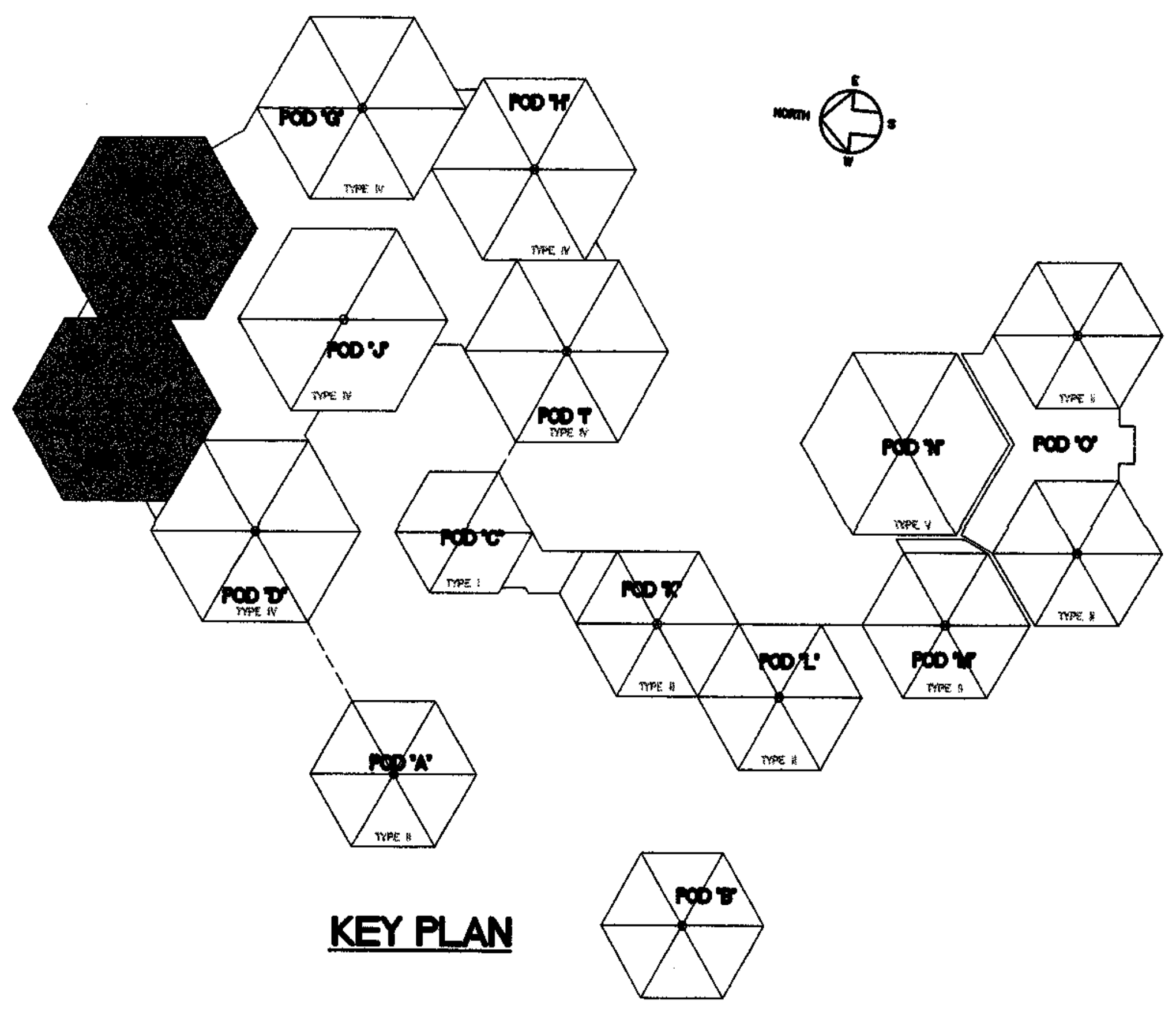
◇3 REMOVE AND DISPOSE EXISTING SINK INCLUDING SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇4 REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇5 REMOVE AND DISPOSE EXISTING WALL MOUNTED URINAL INCLUDING FLUSH VALVE AND SUPPLY. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇6 EXISTING URINAL TO REMAIN.

◇7 EXISTING HOSE BIBB TO REMAIN.



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LICENSED ARCHITECT LEE KARNEY C 3158 EXP: 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

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MTS
DATE DEC 30 1999

AUTHORITY APPROVAL

FLOOR PLANS
POD 'E' & 'F' –
PLUMBING

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P2.3

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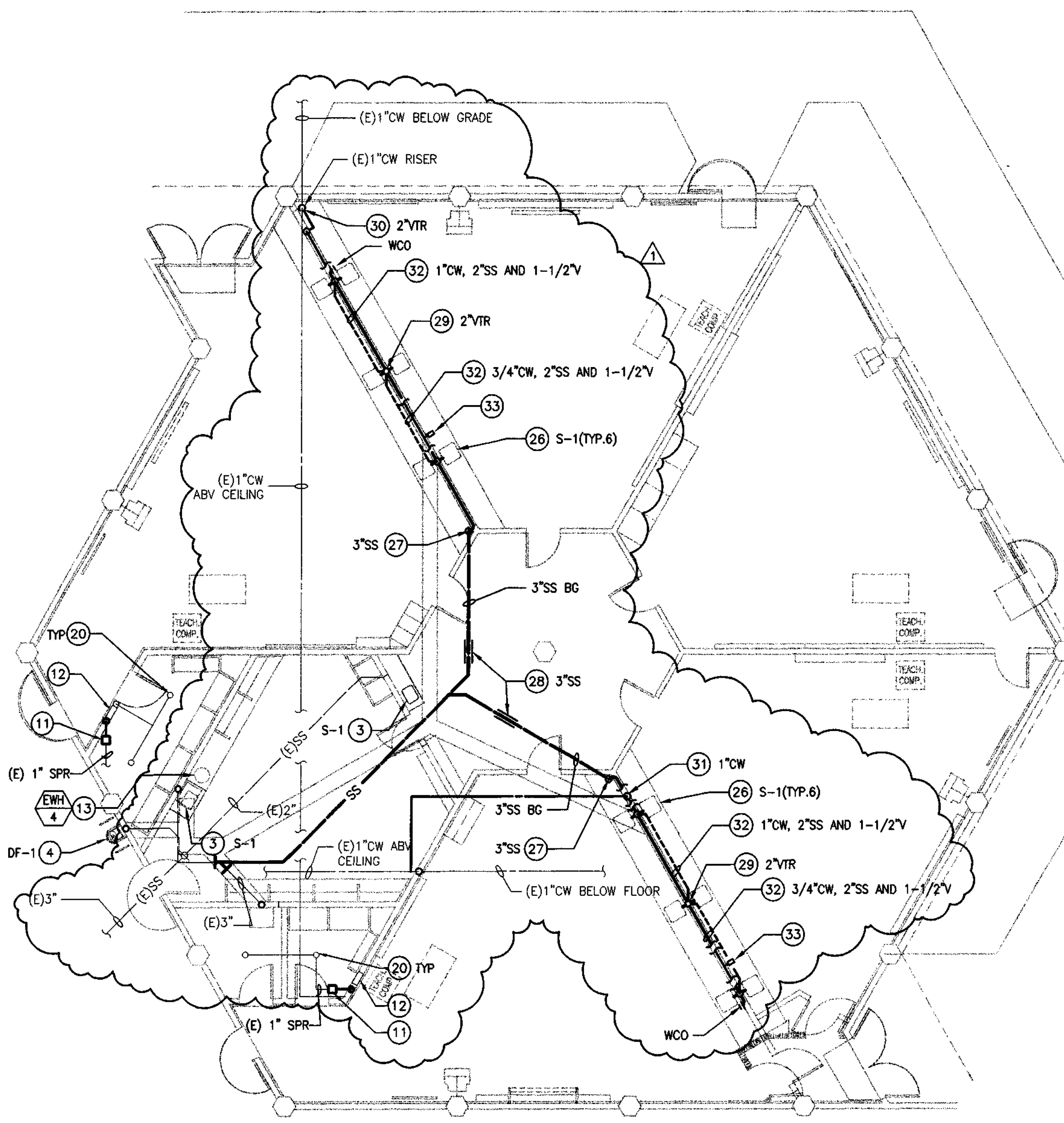
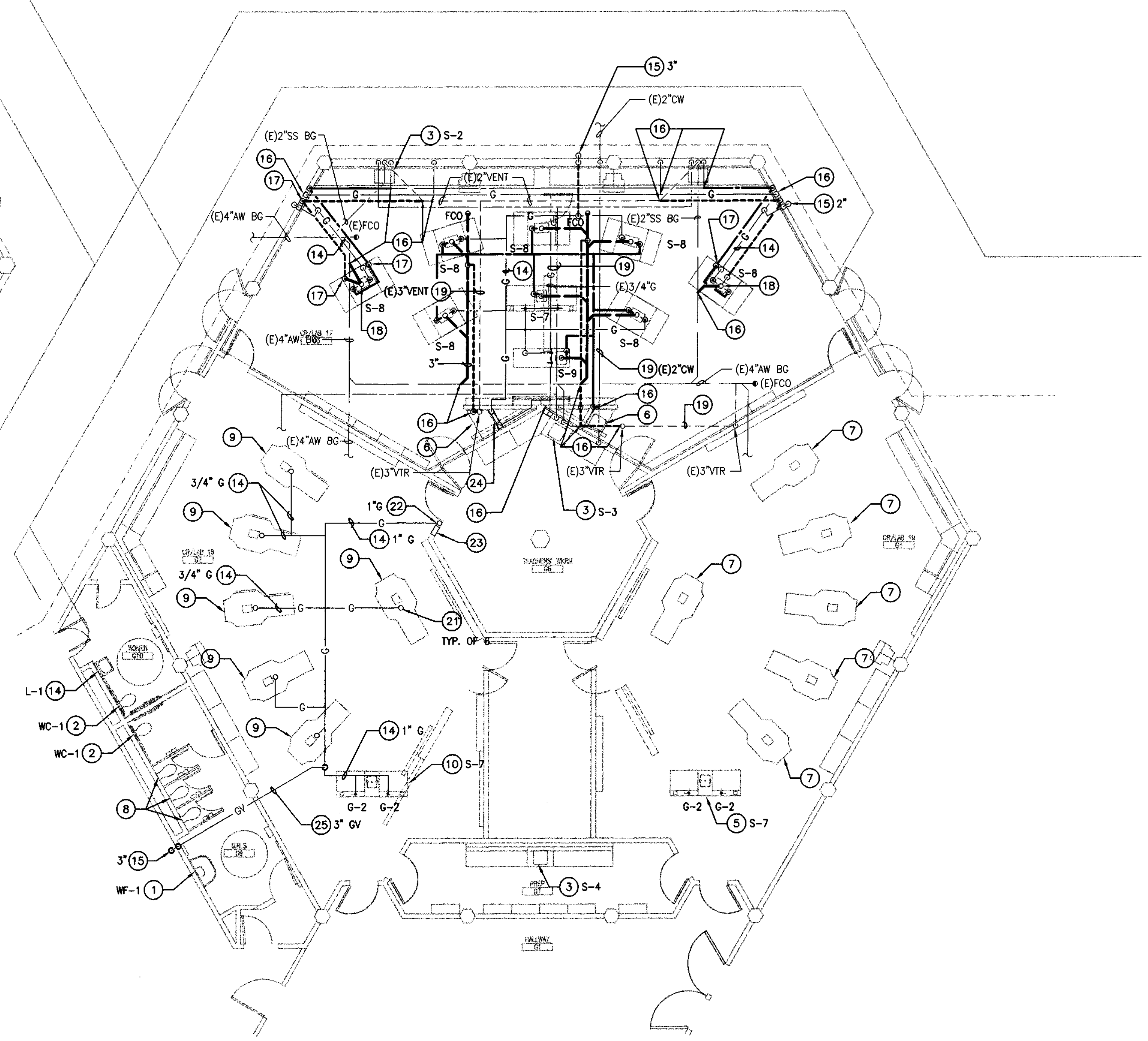


FLOOR PLAN-POD 'H'

1/8"=1'-0"



FLOOR PLAN-POD 'G'

1/8"=1'-0"

GENERAL NOTES

A. SEE SHEET P0.1 FOR LEGEND, ABBREVIATIONS, AND ADDITIONAL NOTES.

B. EXISTING PIPING ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EXISTING EQUIPMENT OR PIPING ARE SHOWN.

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D. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

E. COORDINATE SAWCUTTING OF EXISTING SLAB WITH OTHER TRADES, STRUCTURAL ENGINEER AND ARCHITECT PRIOR TO INSTALLATION OF NEW UNDERGROUND PIPING.

SHEET NOTES

① INSTALL SPECIFIED WASH FOUNTAIN. PROVIDE CONNECTION TO EXISTING PIPES INCLUDING REQUIRED FITTINGS.

② INSTALL SPECIFIED WATER CLOSET AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

③ INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

④ INSTALL SPECIFIED DRINKING FOUNTAIN AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑤ INSTALL SPECIFIED LAB TABLE. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑥ EXISTING SINK TO REMAIN.

⑦ EXISTING LAB TABLE TO REMAIN.

△1 ⑧ EXISTING WATER CLOSET TO REMAIN. REPLACE FLUSH VALVE WITH COMPATIBLE SLOAN MANUAL FLUSH VAVLE.

⑨ EXISTING LAB TABLE TO REMAIN. PROVIDE WITH (2) DECK MOUNTED GAS OUTLET G-2 AND CONNECTION TO NEW UNDERGROUND GAS LINE. COORDINATE LOCATION OF GAS OUTLETS WITH ARCHITECT.

⑩ INSTALL SPECIFIED LAB TABLE INCLUDING GAS OUTLET. MODIFY/EXTEND EXISTING PIPES INCLUDING FITTINGS AS REQUIRED.

⑪ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF EXISTING CEILING SHALL BE NO LARGER THAN A 24" X 24" AREA.

⑫ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑬ POINT OF USE ELECTRIC WATER HEATER UNDER COUNTER. PROVIDE CONNECTION TO SINK. SEE DETAIL 1/P6.1.

⑭ GAS PIPE BELOW THE SLAB IN CONDUIT PIPE SEALED EACH END AT FLOOR LINE.

⑮ TERMINATE GAS VENT 12" ABOVE GRADE.

⑯ POINT OF NEW CONNECTION TO EXISTING WORK.

⑰ PIPE(S) DOWN THRU FLOOR – 1/2" CW, 3/4"G, AND 2"V.

⑱ PROVIDE ISLAND VENTING IN ACCORDANCE WITH THE 1998 CPC SEC. 909.0.

⑲ PIPE(S) ABOVE IN CEILING SPACE.

⑳ EXISTING SPRINKLER TO REMAIN.

㉑ CONNECT 3/4" G TO (2) DECK MOUNTED GAS OUTLETS G-2. COORDINATE LOCATION OF OUTLETS WITH THE ARCHITECT.

㉒ CONNECT 1" G TO (E) 1"G AT CEILING AND DROP TO BELOW GRADE.

㉓ EXISTING WALL MOUNTED GAS VALVE BOX TO REMAIN. REROUTE (N) GAS LINES AS REQUIRED.

㉔ GAS VALVE IN VALVE BOX.

㉕ GAS VENT (GV) BELOW GRADE.

△1

㉖ PROVIDE SPECIFIED SINK WITH 2"SS, 1-1/2"V AND 1/2"CW CONNECTIONS.

㉗ PIPE DOWN TO BELOW GRADE.

㉘ PIPE SLEEVED THRU (E)FOUNDATION. COORDINATE WORK WITH STRUCTURAL ENGINEER. TOP OF PIPE SHALL BE AT 10" BELOW FINISHED FLOOR.

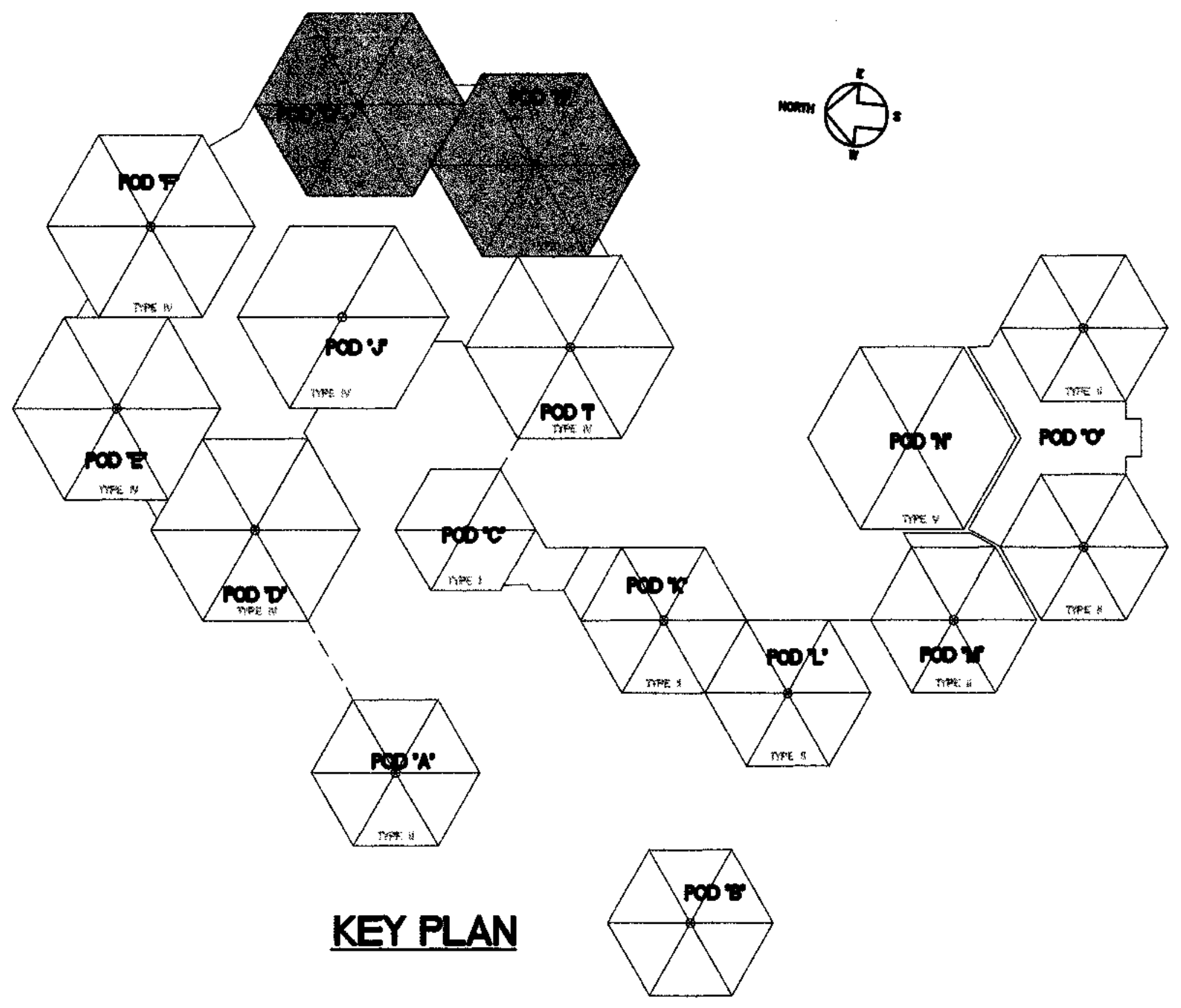
㉙ VENT THRU ROOF. MAINTAIN A MINIMUM OF 10 FEET FROM ROOFTOP MECHANICAL UNIT OUTSIDE AIR INTAKE. PROVIDE OFFSET THE REQUIRED MINIMUM DISTANCE.

㉚ P.O.C. – CONNECT 1"CW TO (E)1"CW UNDER CABINET.

㉛ 1"CW IN WALL. PROVIDE WITH SHUTOFF VALVE IN VERTICAL INCLUDING ACCESS PANEL.

㉜ PIPES IN WALL ABOVE FLOOR.

㉝ WATER HAMMER ARRESTER IN WALL. PROVIDE WITH ACCESS PANEL.



KEY PLAN

UESF ENGINEERS, INC.
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(415) 397-6060 FAX

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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY
C 3158
EXP: 12/31/05

ARCHITECT'S STAMP

LEVI F. MALABUYO
No. M26141
Ren. 6/30/05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC____ F/LS____ SS ____
APPL No. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC____ FLS____ SS____
DATE________

AUTHORITY APPROVAL

DEMOLITION & FLOOR PLANS POD 'G' & 'H' - PLUMBING

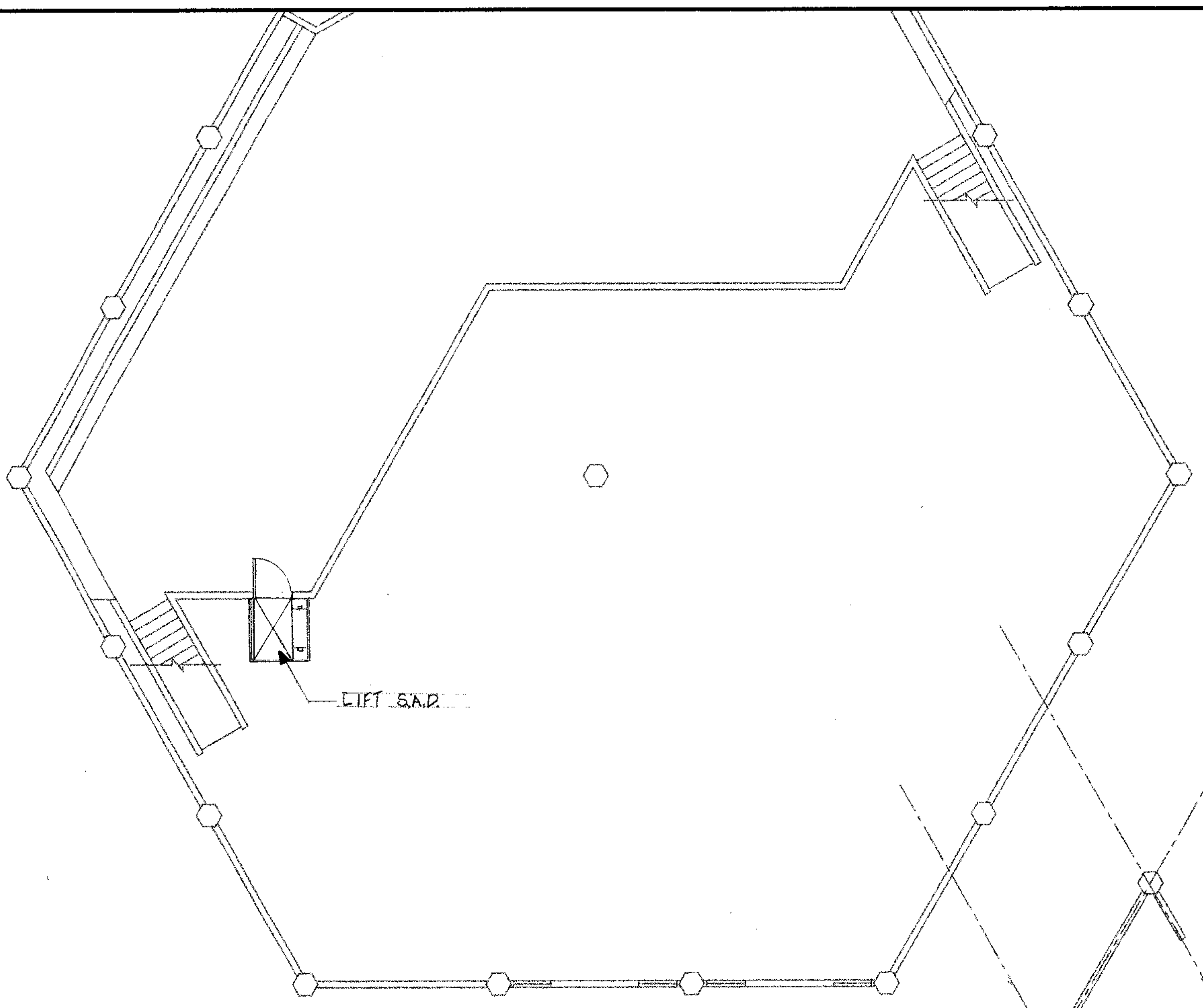
DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	△1

DRAWN BY: CHECKED BY:

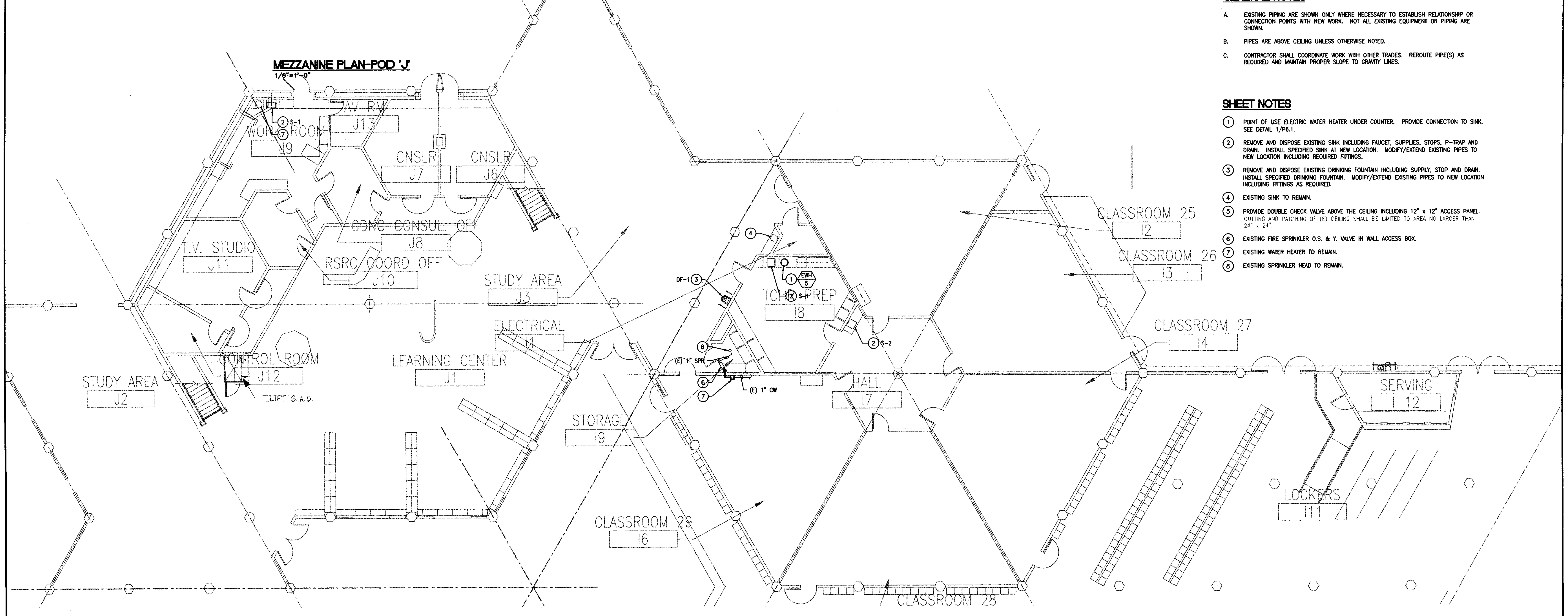
P2.4

JOB NO: 990418 OF SHEETS

S:\1999\990403 (BOWDITCH MIDDLE SCHOOL)\Dwg\P24BOW_r1.dwg Tue Nov 11 13:16:53 2003 UESF Engineers, Inc.

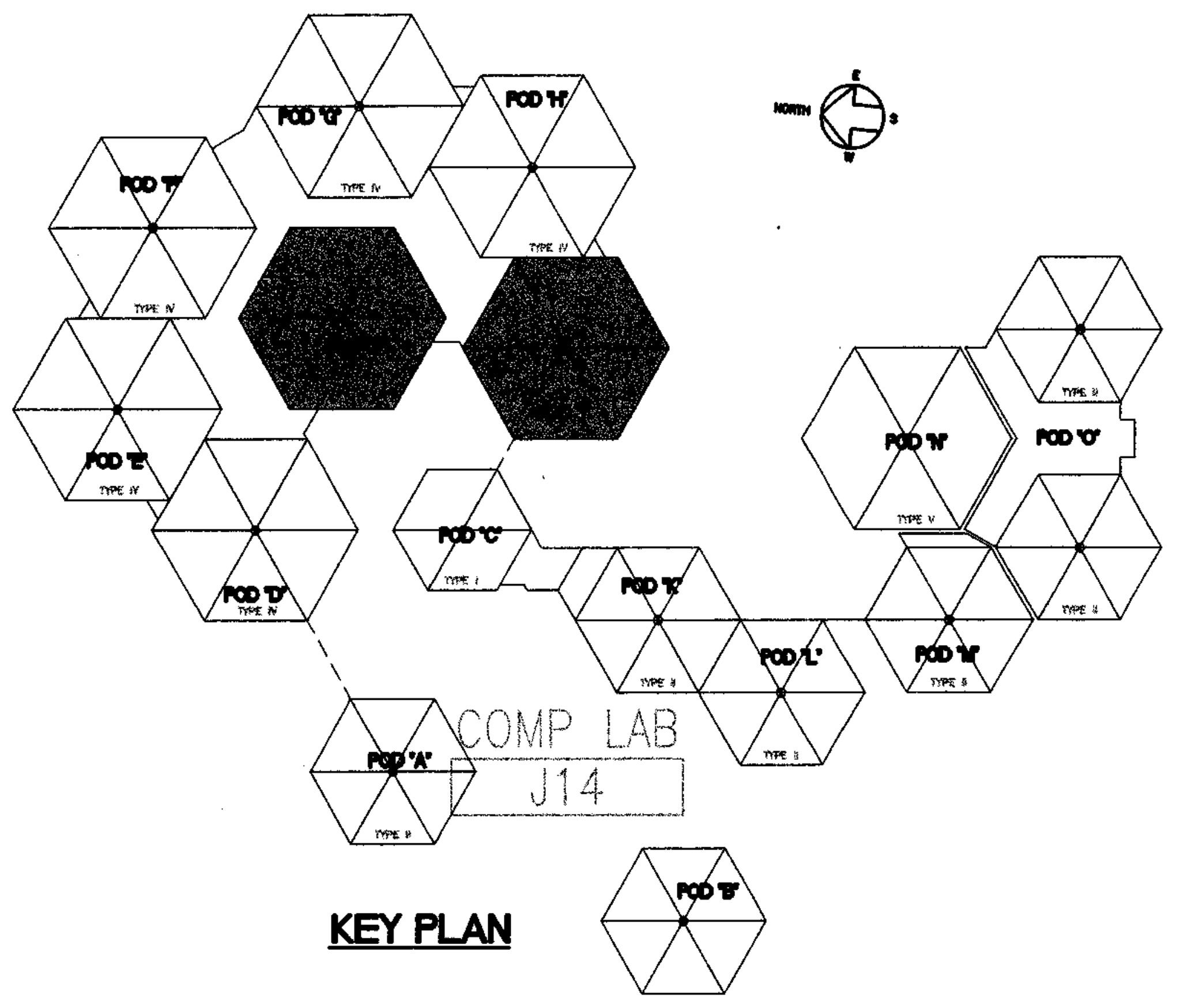


MEZZANINE PLAN-POD 'J'
1/8"=1'-0"



FLOOR PLAN-POD 'J'
1/8"=1'-0"

FLOOR PLAN-POD 'I'
1/8"=1'-0"



KEY PLAN

GENERAL NOTES

A. EXISTING PIPING ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EXISTING EQUIPMENT OR PIPING ARE SHOWN.

B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES

① POINT OF USE ELECTRIC WATER HEATER UNDER COUNTER. PROVIDE CONNECTION TO SINK. SEE DETAIL 1/P6.1.

② REMOVE AND DISPOSE EXISTING SINK INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

③ REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. INSTALL SPECIFIED DRINKING FOUNTAIN. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING FITTINGS AS REQUIRED.

④ EXISTING SINK TO REMAIN.

⑤ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AREA NO LARGER THAN 24" x 24".

⑥ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑦ EXISTING WATER HEATER TO REMAIN.

⑧ EXISTING SPRINKLER HEAD TO REMAIN.

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☐ ELIEZER M. NAOR AIA

LEE KARNEY
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Ren. 6/30/01

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DIVISION OF THE STATE ARCHITECT
APPL 01 1 0 3 8 6 5
AC MMP FLS [illegible] SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

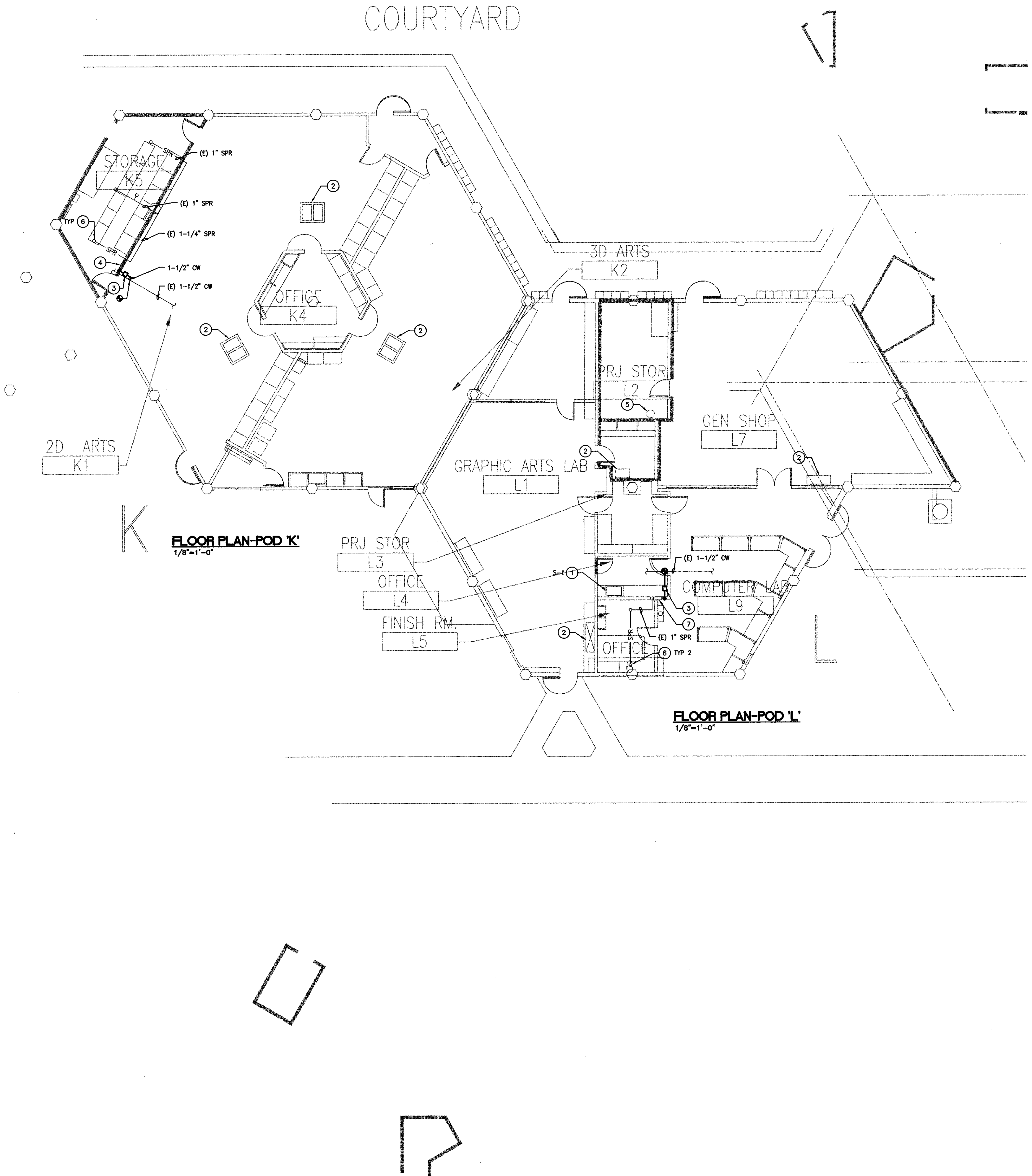
FLOOR PLANS
POD 'I' & 'J' -
PLUMBING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY: CHECKED BY:

P2.5

JOB NO: 99041B OF SHEETS



FLOOR PLAN-POD 'K'
1/8"=1'-0"

FLOOR PLAN-POD 'L'
1/8"=1'-0"

GENERAL NOTES

A. EXISTING PIPING ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EXISTING EQUIPMENT OR PIPING ARE SHOWN.

B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES

① REMOVE AND DISPOSE EXISTING SINK INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

② EXISTING SINK TO REMAIN.

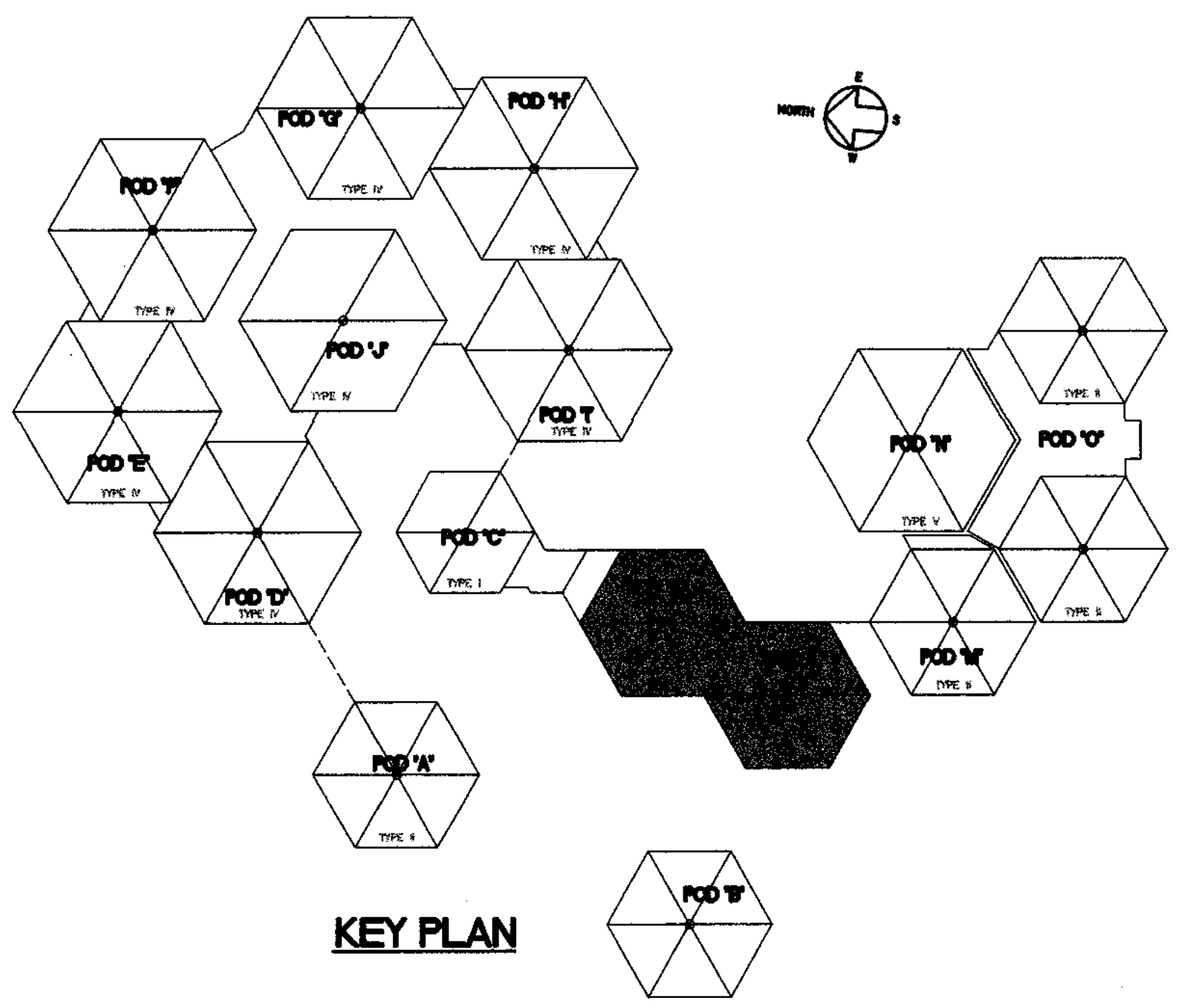
③ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AREA NO LARGER THAN 24" x 24".

④ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑤ EXISTING WATER HEATER TO REMAIN.

⑥ EXISTING SPRINKLER HEAD TO REMAIN.

⑦ RELOCATE EXISTING O.S. & Y. VALVE TO CLEAR NEW WALL. EXTEND/MODIFY EXISTING PIPES TO NEW LOCATION. PROVIDE (N) ACCESS PANEL TO MATCH EXISTING.



KEY PLAN

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DIVISION OF THE STATE ARCHITECT
APPL 01 1 0 2 0 3 6
AC WP MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

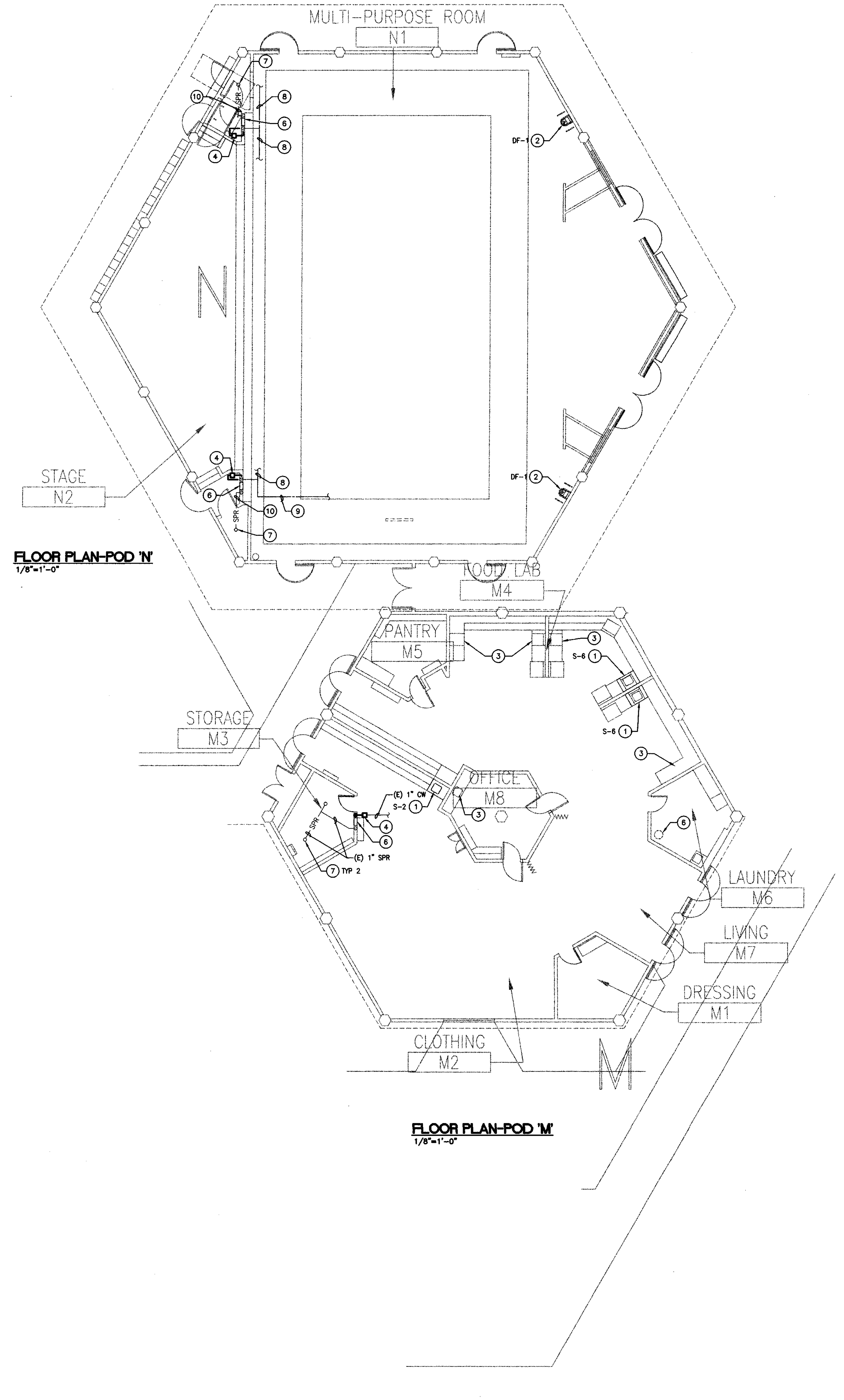
FLOOR PLANS
POD 'K' & 'L' -
PLUMBING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY: CHECKED BY:

P2.6

JOB NO: 99041B OF SHEETS



FLOOR PLAN-POD 'N'
1/8"=1'-0"

FLOOR PLAN-POD 'M'
1/8"=1'-0"

GENERAL NOTES

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B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES

① REMOVE AND DISPOSE EXISTING SINK INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

② REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. INSTALL SPECIFIED DRINKING FOUNTAIN. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING FITTINGS AS REQUIRED.

③ EXISTING SINK TO REMAIN.

④ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AREA NO LARGER THAN 24" x 24".

⑤ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

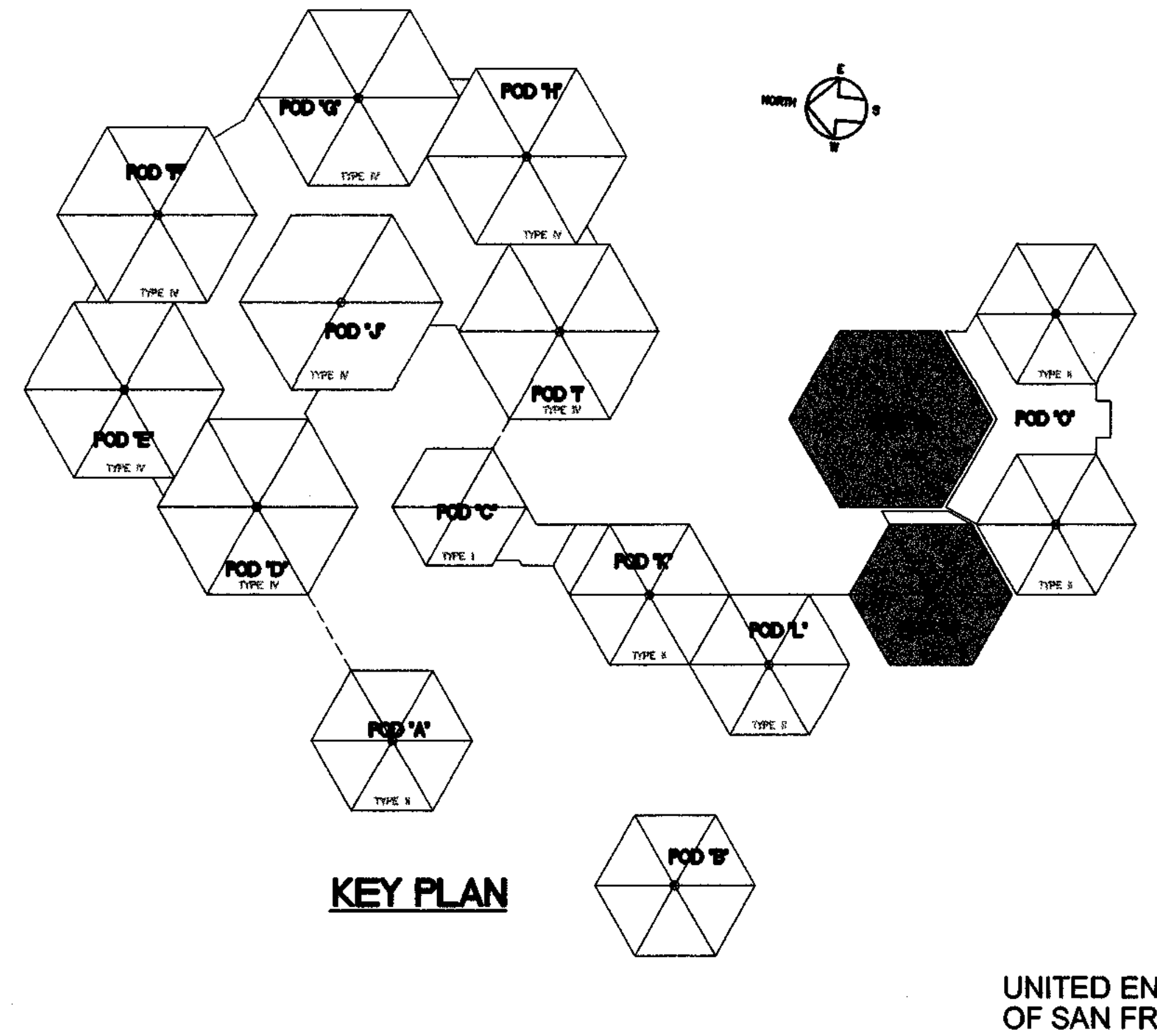
⑥ EXISTING WATER HEATER TO REMAIN. PROVIDE SEISMIC STRAP PER DETAIL 8/P6.1.

⑦ EXISTING SPRINKLER HEAD TO REMAIN

⑧ EXISTING 1" CW UNDER SLAB TO REMAIN.

⑨ EXISTING 3/4" CW UNDER SLAB TO REMAIN.

⑩ EXISTING 1" SPR TO REMAIN.



KEY PLAN

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☐ FRANZ STEINER AIA
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LEE KARNEY
C 3158
EXP: 12/31/99

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No. M26141
Ren. 6/30/01
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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
DEC 3 0 1999
MTS

AUTHORITY APPROVAL

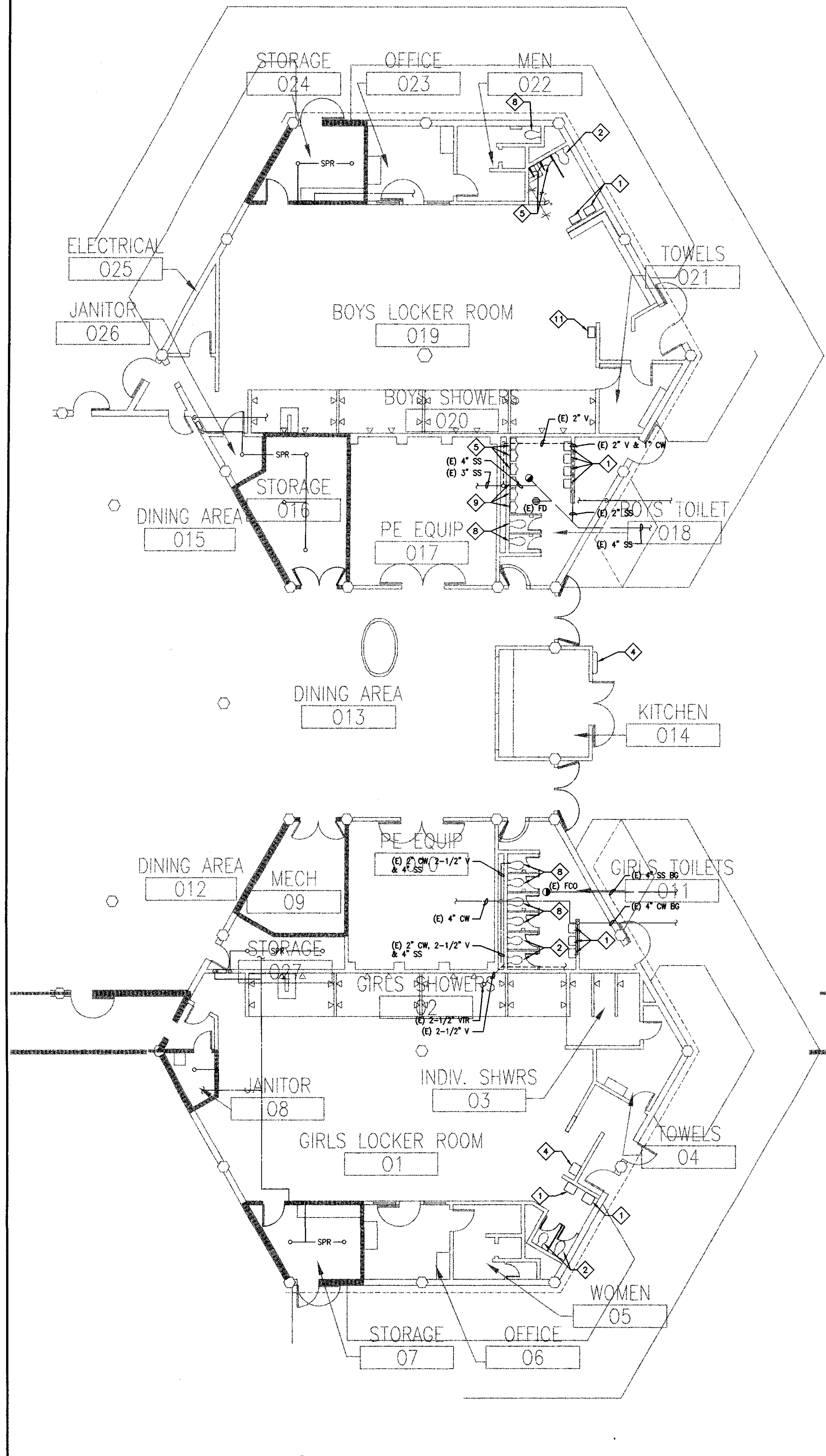
FLOOR PLANS
POD 'M' & 'N' -
PLUMBING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

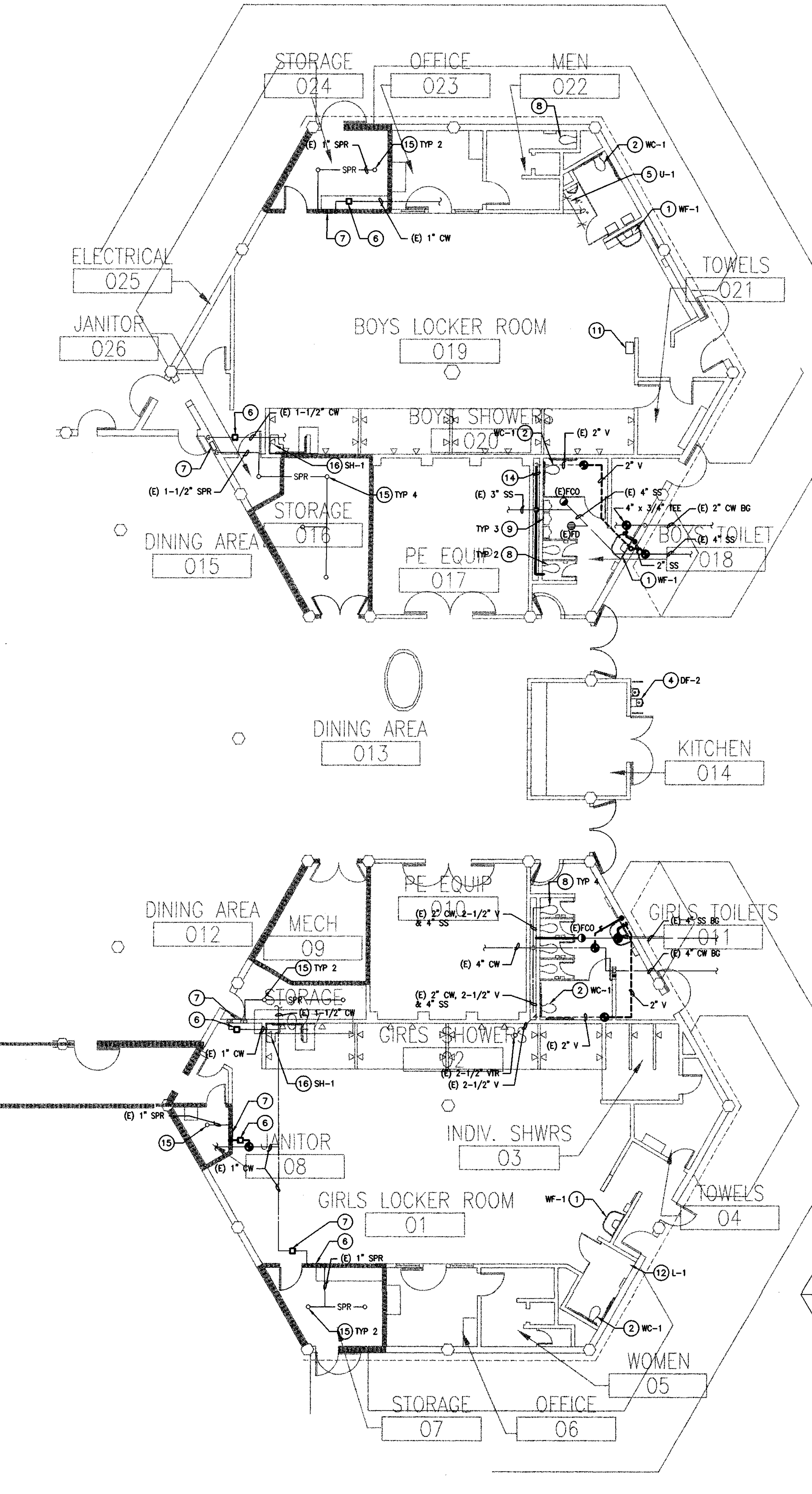
DRAWN BY: CHECKED BY:

P2.7

JOB NO: 99041B OF SHEETS



② DEMOLITION FLOOR PLAN-POD 'O'
1/8"=1'-0"



① FLOOR PLAN-POD 'O'
1/8"=1'-0"

GENERAL NOTES

A. EXISTING PIPING ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EXISTING EQUIPMENT OR PIPING ARE SHOWN.

B. PIPES ARE ABOVE CEILING UNLESS OTHERWISE NOTED.

C. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES. REROUTE PIPE(S) AS REQUIRED AND MAINTAIN PROPER SLOPE TO GRAVITY LINES.

SHEET NOTES

① INSTALL SPECIFIED WASH FOUNTAIN. PROVIDE CONNECTION TO EXISTING PIPES INCLUDING REQUIRED FITTINGS.

② INSTALL SPECIFIED WATER CLOSET AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

③ INSTALL SPECIFIED SINK AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

④ INSTALL SPECIFIED DRINKING FOUNTAIN AT NEW LOCATION. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑤ INSTALL SPECIFIED URINAL. MODIFY/EXTEND EXISTING PIPES TO NEW LOCATION INCLUDING REQUIRED FITTINGS.

⑥ PROVIDE DOUBLE CHECK VALVE ABOVE THE CEILING INCLUDING 12" x 12" ACCESS PANEL. CUTTING AND PATCHING OF (E) CEILING SHALL BE LIMITED TO AREA NO LARGER THAN 24" x 24".

⑦ EXISTING FIRE SPRINKLER O.S. & Y. VALVE IN WALL ACCESS BOX.

⑧ EXISTING WATER CLOSET TO REMAIN. REPLACE FLUSH VALVE WITH BATTERY POWERED SLOAN WATER CLOSET RETROFIT KIT.

⑨ EXISTING URINAL TO REMAIN. REPLACE FLUSH VALVE WITH BATTERY POWERED SLOAN URINAL RETROFIT KIT.

⑩ EXISTING HOSE BIBB TO REMAIN.

⑪ EXISTING DRINKING FOUNTAIN TO REMAIN.

⑫ INSTALL SPECIFIED WALL MOUNTED LAVATORY. PROVIDE CONNECTION TO EXISTING PIPES INCLUDING REQUIRED FITTINGS.

⑬ POINT OF USE ELECTRIC WATER HEATER UNDER COUNTER. PROVIDE CONNECTION TO SINK. SEE DETAIL 1/P6.1.

⑭ REPLACE (E) 3" SS WITH 4" SS.

⑮ EXISTING SPRINKLER HEAD TO REMAIN.

⑯ REPLACE EXISTING SHOWER HEAD WITH HANDICAP ACCESSIBLE SHOWER. CONNECT TO EXISTING DOMESTIC COLD AND HOT WATER LINES.

DEMOLITION SHEET NOTES

◇1 REMOVE AND DISPOSE EXISTING WALL MOUNTED LAVATORY INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇2 REMOVE AND DISPOSE EXISTING WATER CLOSET INCLUDING SUPPORT, FLUSH VALVE, SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇3 REMOVE AND DISPOSE EXISTING SINK INCLUDING FAUCET, SUPPLIES, STOPS, P-TRAP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇4 REMOVE AND DISPOSE EXISTING DRINKING FOUNTAIN INCLUDING SUPPLY, STOP AND DRAIN. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇5 REMOVE AND DISPOSE EXISTING WALL MOUNTED URINAL INCLUDING SUPPORT, FLUSH VALVE AND SUPPLY. CAP PIPE(S) FOR CONNECTION TO NEW WORK.

◇6 EXISTING SINK TO REMAIN.

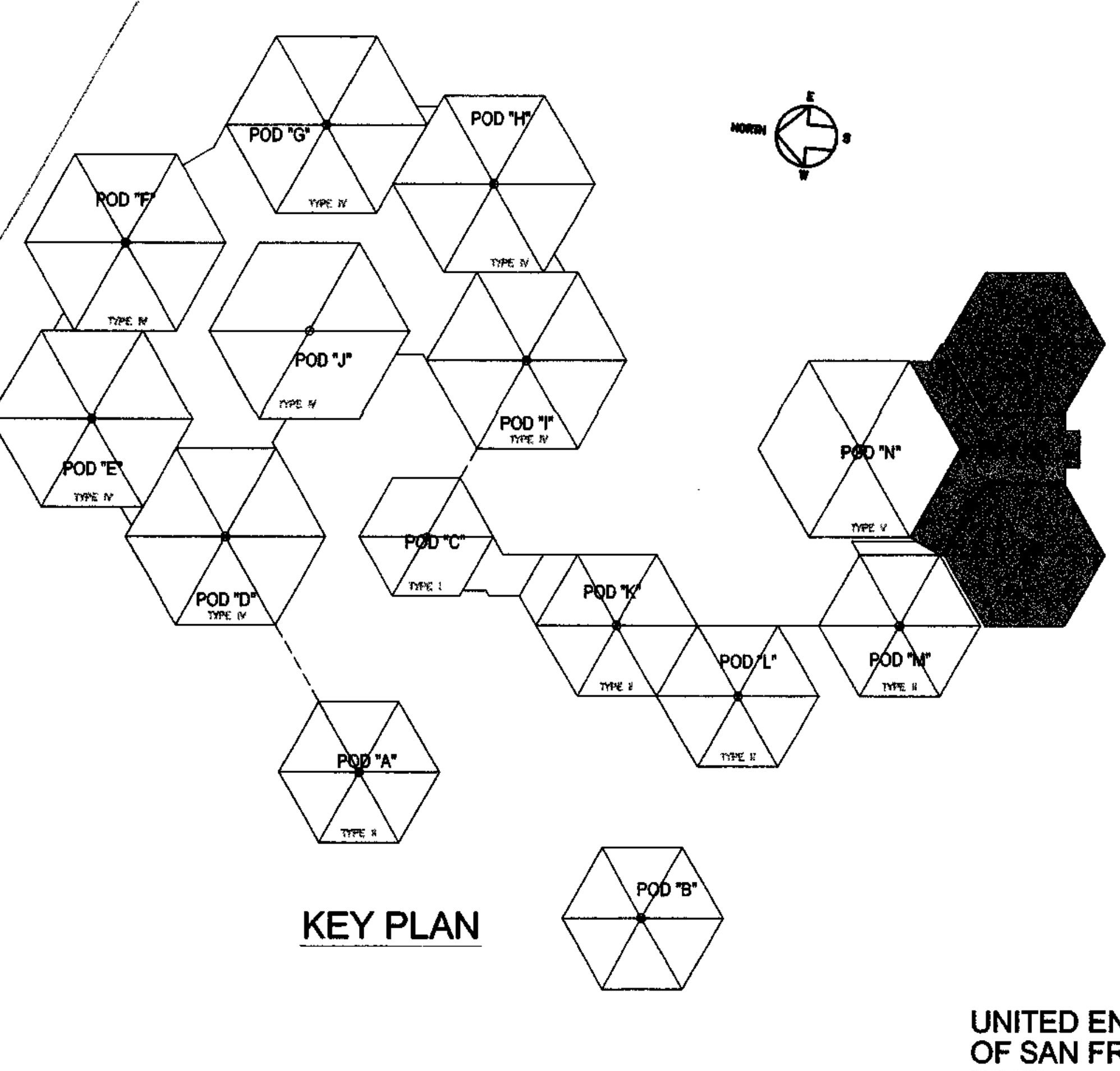
◇7 NO PLUMBING WORK IN OUTLINED AREA.

◇8 EXISTING WATER CLOSET TO REMAIN.

◇9 EXISTING URINAL TO REMAIN.

◇10 EXISTING HOSE BIBB TO REMAIN.

◇11 EXISTING DRINKING FOUNTAIN TO REMAIN.



KEY PLAN

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■	LEE KARNEY	AIA
☐	FRANZ STEINER	AIA
☐	ELIEZER M. NAOR	AIA

LEE KARNEY
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EXP: 12/31/99

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VI F. MALABANAN
No. M26141
Ren. 6/30/01

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FOSTER CITY, CALIFORNIA
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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL. 01
AC UW FLS MTS
DATE DEC 30 1999
AUTHORITY APPROVAL

DEMOLITION &
FLOOR PLAN
PODS 'P' AND 'O'
PLUMBING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY: CHECKED BY:

P2.8

JOB NO: 99041B OF SHEETS

GENERAL NOTES

A. EXISTING PIPING ARE SHOWN ONLY WHERE NECESSARY TO ESTABLISH RELATIONSHIP OR CONNECTION POINTS WITH NEW WORK. NOT ALL EQUIPMENT OR EXISTING PIPES ARE SHOWN.

B. EXISTING PIPES TO REMAIN EXCEPT NOTED OTHERWISE.

C. PIPE ARE ABOVE CEILING UNLESS NOTED OTHERWISE.

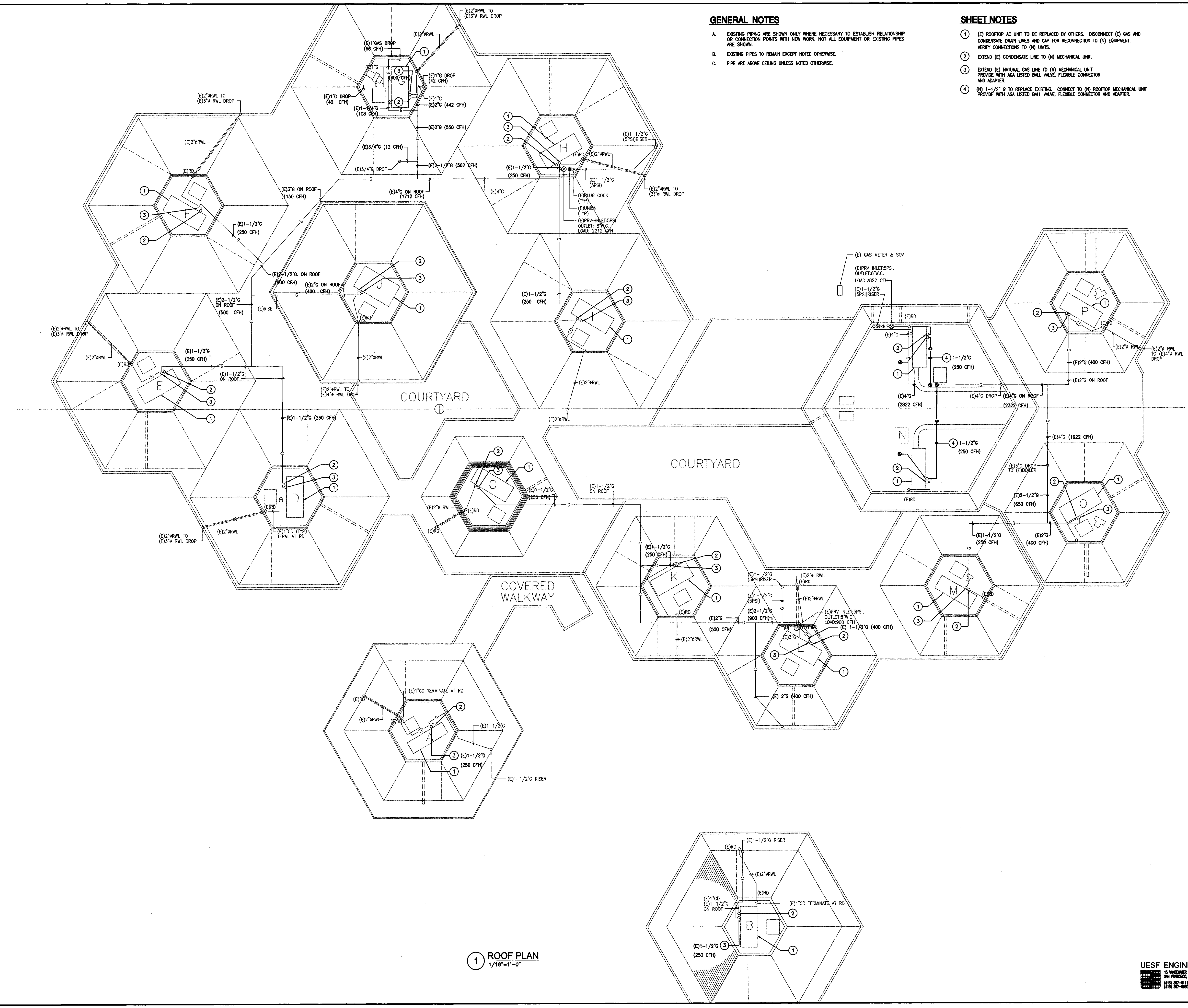
SHEET NOTES

① (E) ROOFTOP AC UNIT TO BE REPLACED BY OTHERS. DISCONNECT (E) GAS AND CONDENSATE DRAIN LINES AND CAP FOR RECONNECTION TO (N) EQUIPMENT. VERIFY CONNECTIONS TO (N) UNITS.

② EXTEND (E) CONDENSATE LINE TO (N) MECHANICAL UNIT.

③ EXTEND (E) NATURAL GAS LINE TO (N) MECHANICAL UNIT. PROVIDE WITH AGA LISTED BALL VALVE, FLEXIBLE CONNECTOR AND ADAPTER.

④ (N) 1-1/2" G TO REPLACE EXISTING. CONNECT TO (N) ROOFTOP MECHANICAL UNIT PROVIDE WITH AGA LISTED BALL VALVE, FLEXIBLE CONNECTOR AND ADAPTER.



① ROOF PLAN
1/16"=1'-0"

UESF ENGINEERS, INC.
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■	LEE KARNEY	AIA
☐	FRANZ STEINER	AIA
☐	ELIEZER M. NAOR	AIA

LICENSED ARCHITECT
LEE KARNEY
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EXP. 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER
LEVI F. MALABUYO
No. M26141
Ren. 6/30/05
MECHANICAL
STATE OF CALIFORNIA

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

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FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APP 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC____ FLS____ SS____
DATE____

AUTHORITY APPROVAL

ROOF PLAN - PLUMBING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM NO 1	1

DRAWN BY: CHECKED BY:

P2.9

JOB NO: 99041B OF SHEETS

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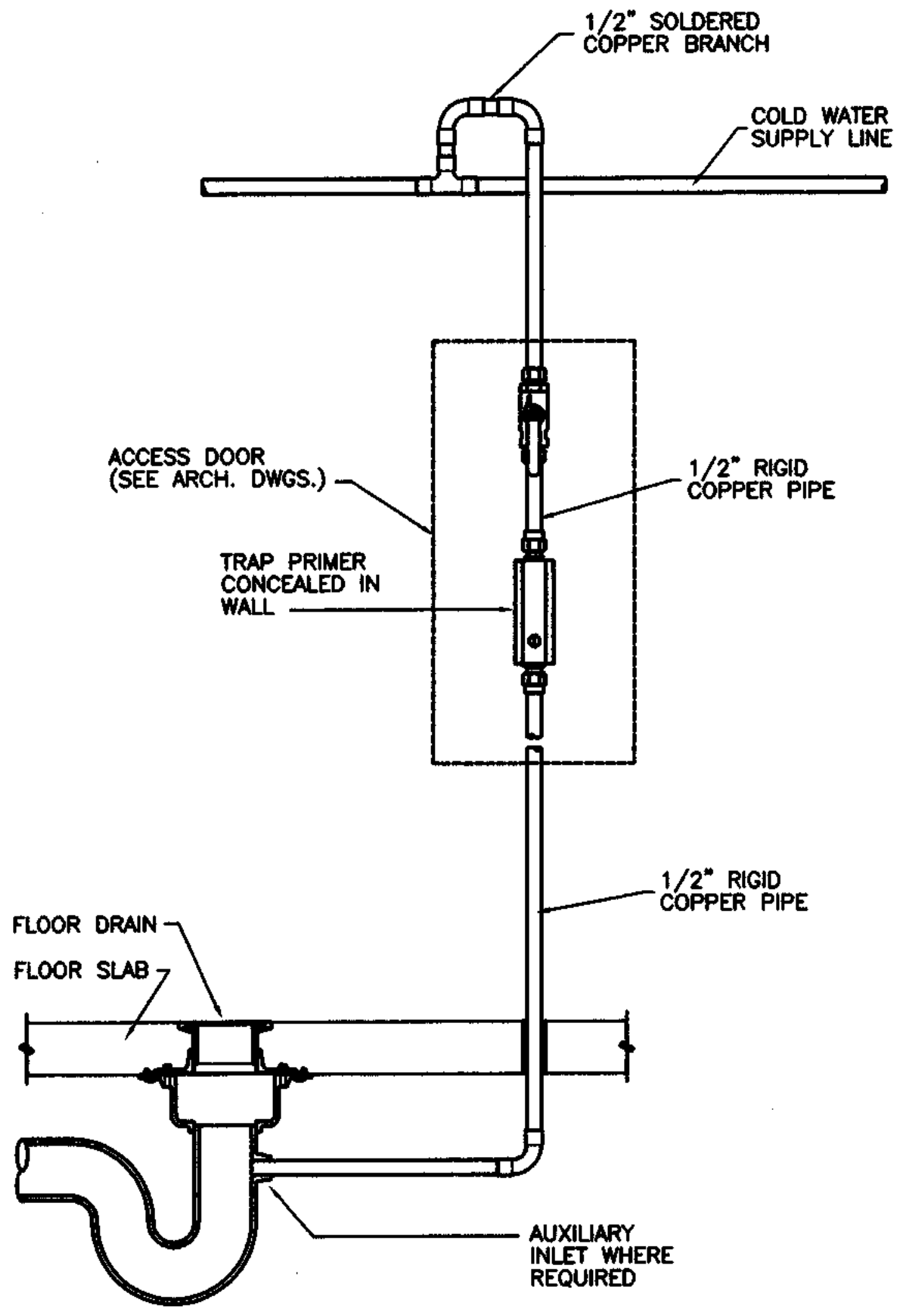
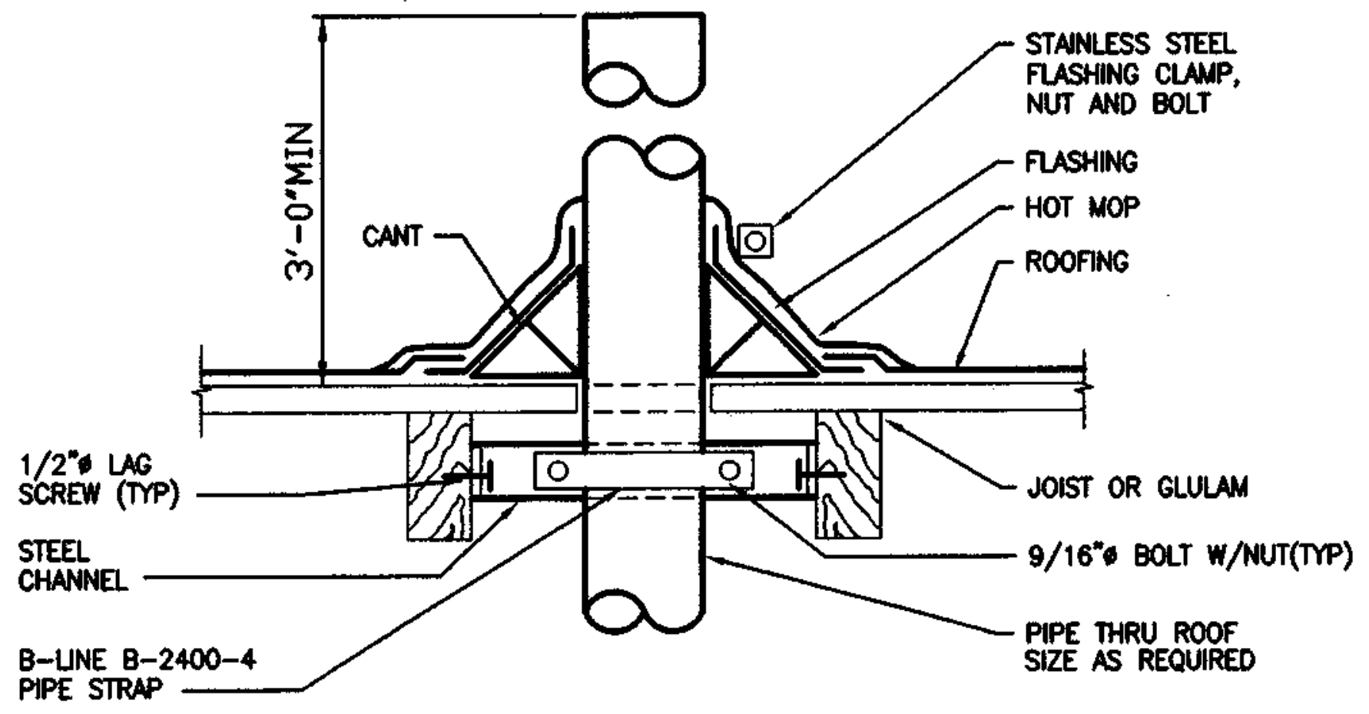
10


1/2" SOLDERED COPPER BRANCH
COLD WATER SUPPLY LINE
ACCESS DOOR (SEE ARCH. DWGS.)
1/2" RIGID COPPER PIPE
TRAP PRIMER CONCEALED IN WALL
1/2" RIGID COPPER PIPE
FLOOR DRAIN
FLOOR SLAB
AUXILIARY INLET WHERE REQUIRED

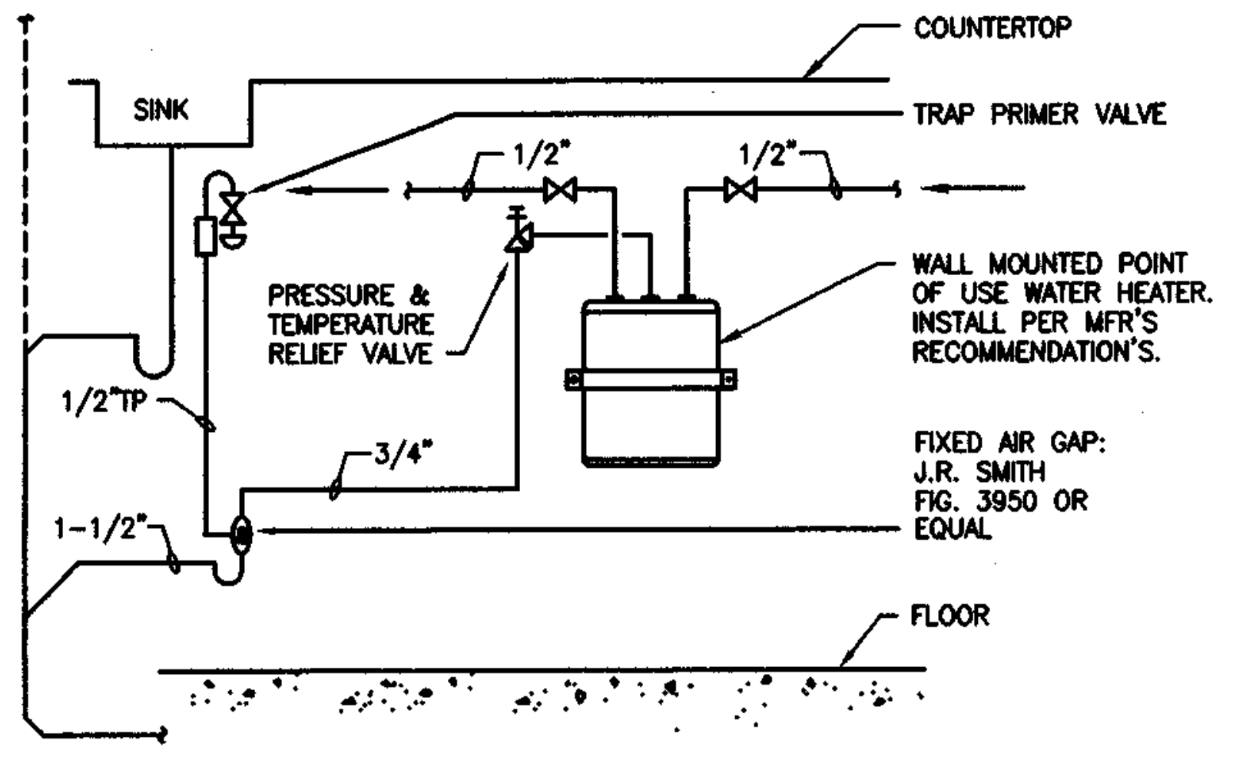
7 TRAP PRIMER IN WALL

NOT TO SCALE 15100-18



5 PIPE THRU ROOF

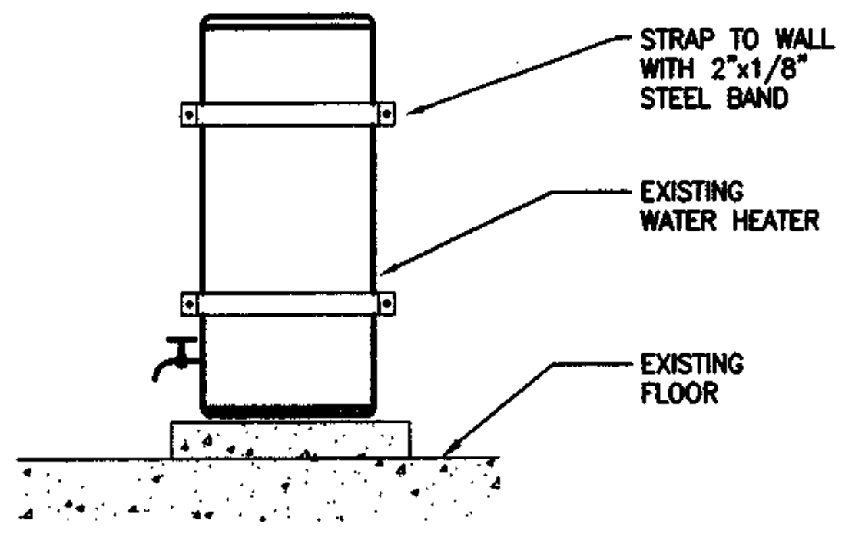
NOT TO SCALE


SINK
COUNTERTOP
TRAP PRIMER VALVE
1/2"
1/2"
PRESSURE & TEMPERATURE RELIEF VALVE
WALL MOUNTED POINT OF USE WATER HEATER. INSTALL PER MFR'S RECOMMENDATION'S.
1/2"TP
3/4"
1-1/2"
FIXED AIR GAP: J.R. SMITH FIG. 3950 OR EQUAL
FLOOR

1 POINT OF USE WATER HEATER

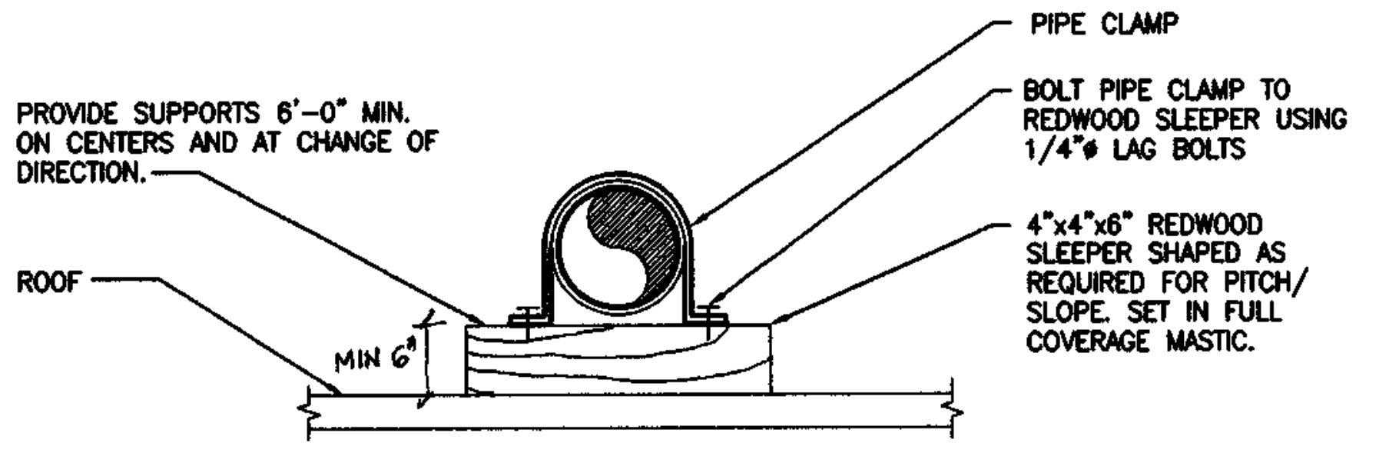
NOT TO SCALE

11



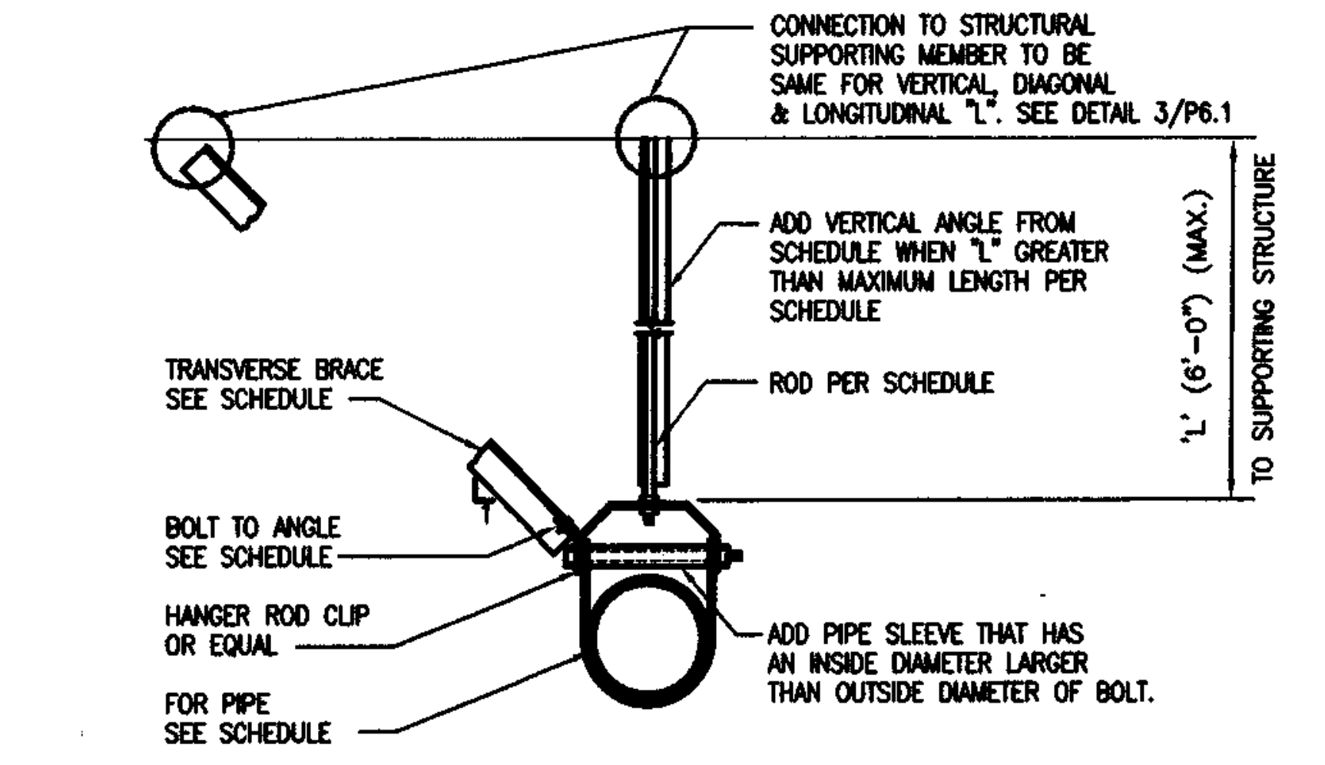
8 WATER HEATER BRACING

NOT TO SCALE


PIPE CLAMP
BOLT PIPE CLAMP TO REDWOOD SLEEPER USING 1/4"ø LAG BOLTS
4"x4"x6" REDWOOD SLEEPER SHAPED AS REQUIRED FOR PITCH/ SLOPE. SET IN FULL COVERAGE MASTIC.
PROVIDE SUPPORTS 6'-0" MIN. ON CENTERS AND AT CHANGE OF DIRECTION.
ROOF
MIN 6"

5 PIPE SUPPORT ON ROOF

NOT TO SCALE 15140-16


CONNECTION TO STRUCTURAL SUPPORTING MEMBER TO BE SAME FOR VERTICAL, DIAGONAL & LONGITUDINAL "L". SEE DETAIL 3/P6.1
ADD VERTICAL ANGLE FROM SCHEDULE WHEN "L" GREATER THAN MAXIMUM LENGTH PER SCHEDULE
ROD PER SCHEDULE
'L' (6'-0") (MAX.)
TO SUPPORTING STRUCTURE
TRANSVERSE BRACE SEE SCHEDULE
BOLT TO ANGLE SEE SCHEDULE
HANGER ROD CLIP OR EQUAL
FOR PIPE SEE SCHEDULE
ADD PIPE SLEEVE THAT HAS AN INSIDE DIAMETER LARGER THAN OUTSIDE DIAMETER OF BOLT.

SCHEDULE FOR BRACING PIPES

PIPE SIZE	MAX WEIGHT (LB/FT)	HANGER TYPE	BOLT'S TO "L" (1)	VERTICAL ANGLE (2)	TRANSVERSE BRACE ANGLE	LONGITUDINAL BRACE ANGLE	ROD SIZE	MAXIMUM LENGTH	BRACE SPACING	
									TRANS-VERSE	LONGI-TUDINAL
2 1/2	7.9	CLEVIS TYPE	3/8"ø	2x2x16GA	2-1/2x2-1/2x16GA	2-1/2x2-1/2x16GA	1/2"ø	25"	40	80
3	10.8	CLEVIS TYPE	3/8"ø	2x2x16GA	2-1/2x2-1/2x16GA	2-1/2x2-1/2x16GA	1/2"ø	25"	40	80
4	16.3	CLEVIS TYPE	3/8"ø	2x2x16GA	2-1/2x2-1/2x16GA	2-1/2x2-1/2x12GA	5/8"ø	31"	40	80
5	23.3	CLEVIS TYPE	1/2"ø	2x2x16GA	2-1/2x2-1/2x16GA	2-1/2x2-1/2x12GA	5/8"ø	31"	40	80
6	31.5	CLEVIS TYPE	1/2"ø	2-1/2x2-1/2x16GA	2-1/2x2-1/2x12GA	2-1/2x2-1/2x12GA	3/4"ø	37"	40	40
8	50.3	CLEVIS TYPE	5/8"ø	2-1/2x2-1/2x12GA	2-1/2x2-1/2x12GA	2-1/2x2-1/2x12GA	7/8"ø	43"	40	40
10	74.7	CLEVIS TYPE	3/4"ø	2-1/2x2-1/2x12GA	2-1/2x2-1/2x12GA	2-1/2x2-1/2x12GA	7/8"ø	43"	20	20

NOTES:

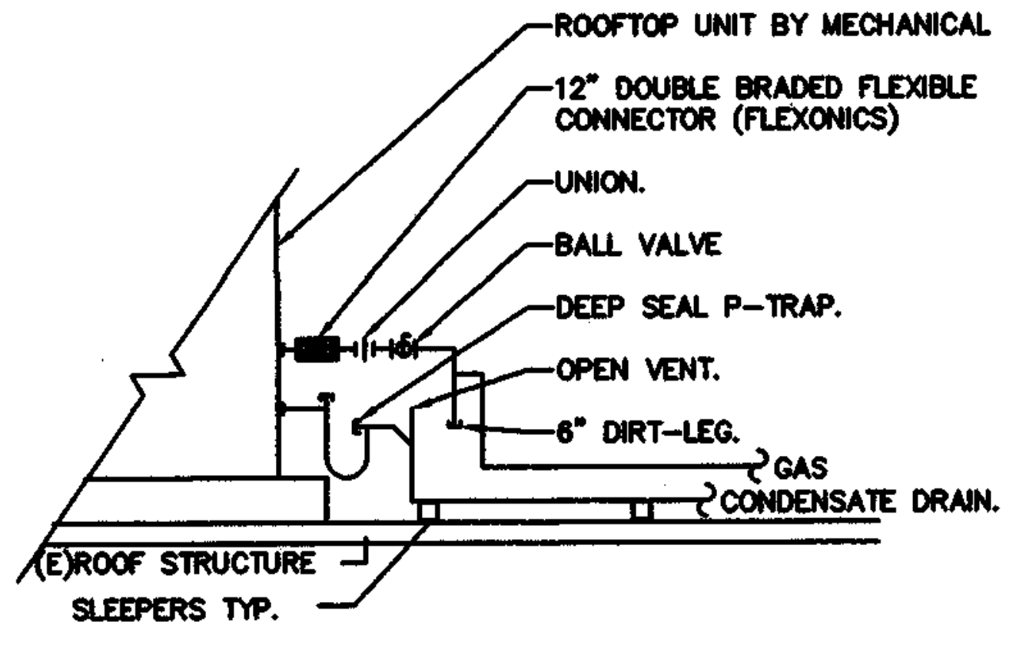
(1) PLACE STANDARD CUT WASHERS BETWEEN SHEET METAL ANGLES AND NUT.

(2) "VERTICAL ANGLE" IN THE SCHEDULE IS REQUIRED IN ADDITION TO HANGER ROD ONLY WHEN "MAXIMUM LENGTH FOR RODS" IS EXCEEDED.

(3) FOR GAS PIPING, USE ONE-HALF SPACE THE SPACING SHOWN FOR TRANSVERSE AND LONGITUDINAL BRACING.

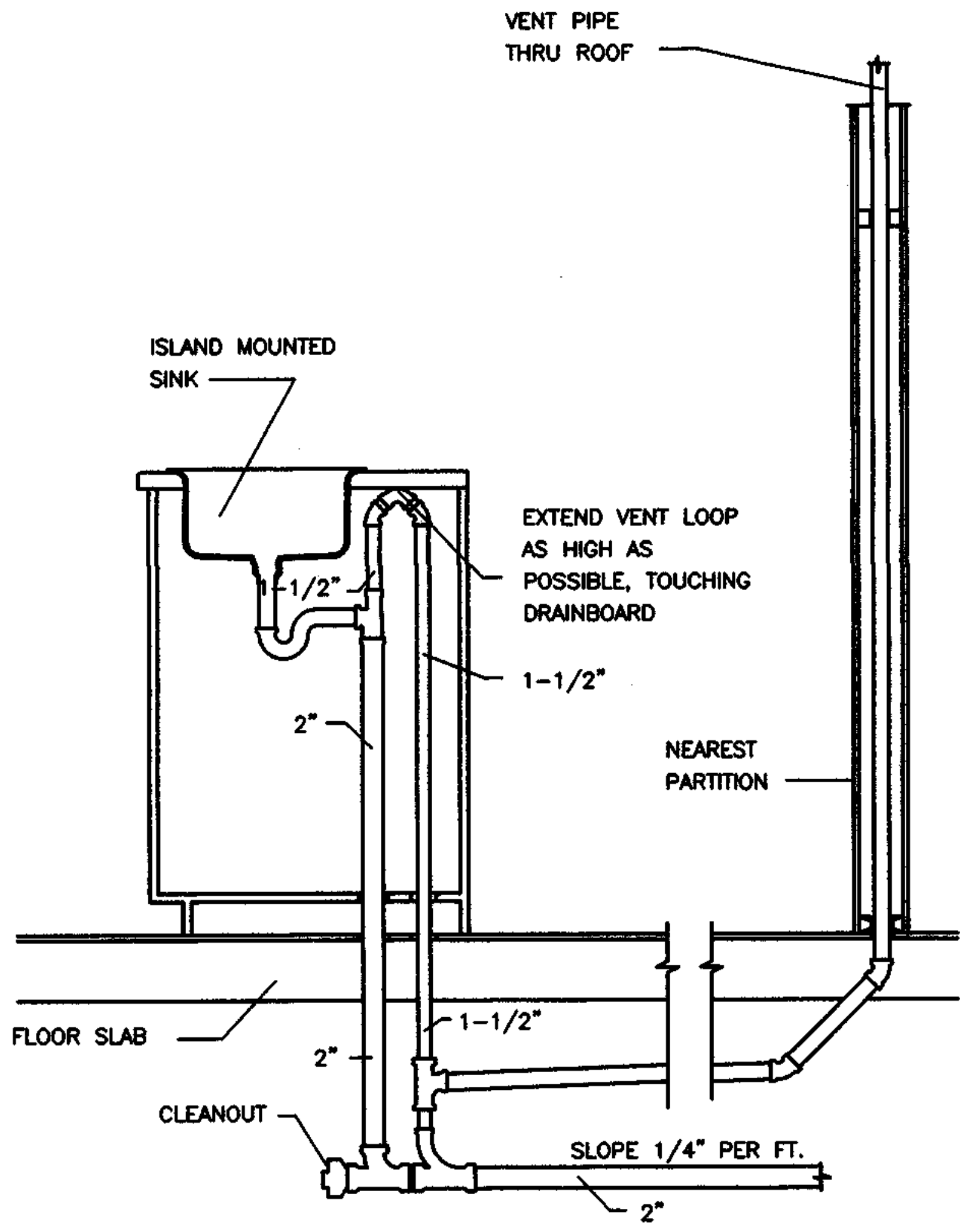
2 PIPE SUSPENSION DETAIL

NOT TO SCALE



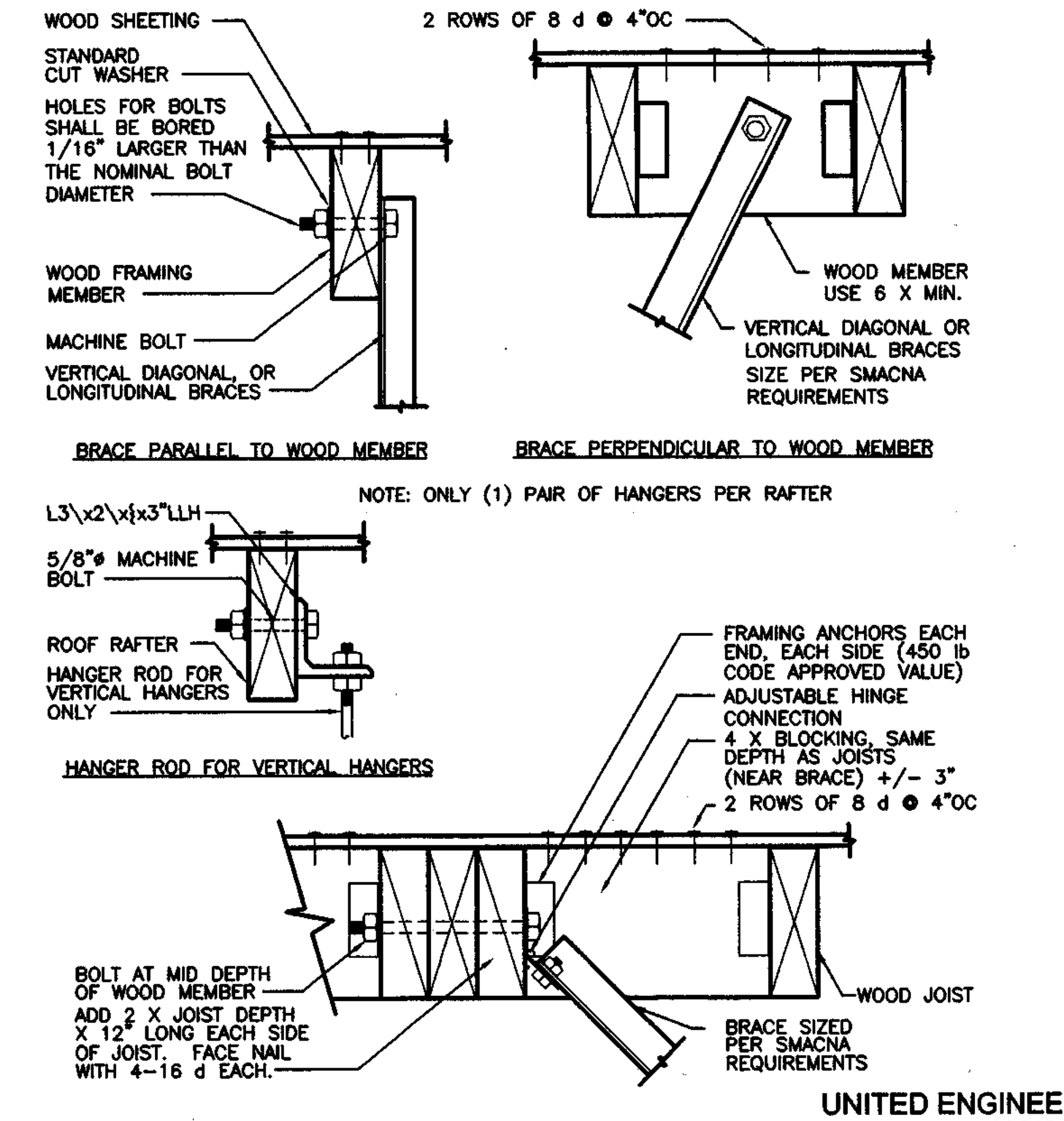
9 CONDENSATE DRAIN AND GAS CONNECTION

NOT TO SCALE



6 ISLAND MOUNTED SINK VENTING

NOT TO SCALE


WOOD SHEETING
STANDARD CUT WASHER
HOLES FOR BOLTS SHALL BE BORED 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER
WOOD FRAMING MEMBER
MACHINE BOLT
VERTICAL DIAGONAL, OR LONGITUDINAL BRACES
BRACE PARALLEL TO WOOD MEMBER
2 ROWS OF 8 d @ 4"OC
WOOD MEMBER USE 6 X MIN.
VERTICAL DIAGONAL OR LONGITUDINAL BRACES SIZE PER SMACNA REQUIREMENTS
BRACE PERPENDICULAR TO WOOD MEMBER
NOTE: ONLY (1) PAIR OF HANGERS PER RAFTER
L3\x2\x{x3"LLH
5/8"ø MACHINE BOLT
ROOF RAFTER
HANGER ROD FOR VERTICAL HANGERS ONLY
HANGER ROD FOR VERTICAL HANGERS
FRAMING ANCHORS EACH END, EACH SIDE (450 lb CODE APPROVED VALUE)
ADJUSTABLE HINGE CONNECTION
4 X BLOCKING, SAME DEPTH AS JOISTS (NEAR BRACE) +/- 3"
2 ROWS OF 8 d @ 4"OC
BOLT AT MID DEPTH OF WOOD MEMBER
ADD 2 X JOIST DEPTH X 12" LONG EACH SIDE OF JOIST. FACE NAIL WITH 4-16 d EACH.
WOOD JOIST
BRACE SIZED PER SMACNA REQUIREMENTS

UNITED ENGINEERS
OF SAN FRANCISCO
15 VANDEWATER STREET
SAN FRANCISCO, CA 94133
(415) 397-[illegible]
(415) 397-[illegible] FAX

3 HANGER CONNECTION TO WOOD

NOT TO SCALE

P61BOW.DWG 11/08/99 11:35

VBN

501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY
C 8158
EXP 12/31/99

ARCHITECT'S STAMP

No. M26141
Ren. 6/30/01

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 10[illegible]
AC UW FLS CO MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

DETAILS - PLUMBING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACKCHECK	

DRAWN BY: CHECKED BY:

P6.1

JOB NO: 99041B OF SHEETS

LIGHTING LOAD SCHEDULE

LIGHTING LOAD SCHEDULE											
TAG	LOAD TYPE	SCHEDULE TYPE	CALENDAR PERIOD	SCHEDULE ON PERIOD	SCHEDULE OFF PERIOD	SCHEDULE ON HRS. OF OPERATION	PHOTO CELL OVERRIDE	OVERRIDE PERIOD	IOM/2 LD #	LD FAIL STATE	MAN. PH. CELL BYPASS
C	PARKING LOT LIGHTS	PRIMARY (7)	1/1 - 12/31	M - F	SAT - SUN	4:30PM - 11:30PM	YES (NOTE 1)	2 HRS (NOTE 3)	1	ON	YES (NOTE 2)
B	EXTERIOR NIGHT LIGHTS	PRIMARY (8)	1/1 - 12/31	SUN - SAT	N/A	4:30PM - 11:60PM 12:00AM - 7:30PM	YES (NOTE 1) YES (NOTE 1)	2 HRS (NOTE 3)	2	ON	YES (NOTE 2)
A	EXTERIOR CORRIDOR LIGHTS	PRIMARY (9)	1/1 - 12/31	M - F	SAT - SUN	4:30PM - 11:30PM 5:30AM - 7:30AM	YES (NOTE 1) YES (NOTE 1)	2 HRS (NOTE 3)	3	ON	YES (NOTE 2)

NOTE:
1. PHOTOCELL OVERRIDE PROVIDE BY NOVAR GLOBAL PHOTO CELL INPUT.
2. EMS CONTRACTOR SHALL PROVIDE MANUAL BYPASS SWITCH WITH 1 HR. (NOVAR SOFTWARE DRIVEN) OPERATION FOR TEST PURPOSE OF LIGHTS.
3. DIGITAL MANUAL OVERRIDE SWITCH PROVIDED, INSTALLED, AND PROGRAMMED BY EMS CONTRACTOR. SWITCH TO BE LOCATED AT IOM/2.
4. ALL CABLES AND CONDUCTORS SHALL HAVE PREMINATELY ATTACHED LABELS WHICH IDENTIFY THEIR FUNCTION. LABELS SHALL BE PRESENT WITHIN 3" OF ANY POINT OF SPLICE OR TERMINATION. LABELS SHALL BE PRINTED AND LEDGABLE (HANDWRITTEN LABELS ARE NOT ACCEPTABLE).
5. ALL CABLES SHALL HAVE A SHIELD AND FOIL WRAP.
6. ALL STRANDED CONDUCTORS SHALL BE TERMINATED BY MEANS OF CRIMP-ON TYPE SPADE TERMINATORS.

1

1 TITLE 24

CERTIFICATE OF COMPLIANCE - Lighting Part 1 of 2 LTG-1

PROJECT NAME BOWDITCH MIDDLE SCHOOL		DATE 11-11-03
PROJECT ADDRESS 1450 TARPON STREET, FOSTER CITY, CA		Building Permit #
PRINCIPAL DESIGNER - LIGHTING POLA, INC. - 101 SPEAR ST. STE 225 , SF, CA 94105	TELEPHONE (510) 452-8415	
DOCUMENTATION AUTHOR JAMES D. PESTANO	TELEPHONE	Checked by/Date Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS: 11-11-03
BUILDING CONDITIONED FLOOR AREA: 80015

BUILDING TYPE ☒ NONRESIDENTIAL ☐ HIGH RISE RESIDENTIAL ☐ HOTEL/MOTEL GUEST ROOM
PHASE OF CONSTRUCTION ☐ NEW CONSTRUCTION ☐ ADDITION ☒ ALTERATION ☐ UNCONDITIONED (file affidavit)
METHOD OF LIGHTING COMPLIANCE ☒ COMPLETE BUILDING ☐ AREA CATEGORY ☐ TAILORED ☐ PERFORMANCE

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.

The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR: JAMES D. PESTANO SIGNATURE: DATE: 11-11-03

The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting requirements contained in sections 110, 119, 130 through 132, and 146 and 149 of Title 24, Part 6.

Please check one:

☒ I hereby affirm that I am eligible under the provisions of Division 3 of the business and Professions Code to sign this documents as the person responsible for its preparation; and that I am a civil engineer, electrical engineer or architect.

☐ I affirm that I am eligible under the exemption to Division 3 of the business and Professions Code by Section 5537.2 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a licensed contractor preparing documents for work that I have contracted to perform.

☐ I affirm that I am eligible under the exception to Division 3 of the Business and Professions Code by Section ________ of the ________ Code to sign this document as the person responsible for its preparation; and for the following reason: ________.

PRINCIPAL LIGHTING DESIGNER - NAME: ANTONIO C. JAKOSALEM SIGNATURE: LIC. NO. CA E-15401 DATE: 11-11-03

LIGHTING MANDATORY MEASURES

Indicate location on plans of Note Block of Mandatory Measures: E2.1 THRU E2.7

INSTRUCTIONS TO APPLICANT

For detailed instructions on the use of this and all Energy Efficency Standards compliance forms, please refer to Nonresidential Manual published by the California Energy Commission.
LTG-1: Required on plans for all submittals. Part 2 may be incorporated in schedules on plans.
LTG-2: Required for all submitalls.
LTG-3: Optional. Use only if lighting control credits are taken.
LTG-4: Optional. Use only if Tailored Method is used. Parts 2 and 3 used only if applicable.

Nonresidential Compliance Form *November 1998*

CERTIFICATE OF COMPLIANCE - Lighting Part 2 of 2 LTG-1

PROJECT NAME: BOWDITCH MIDDLE SCHOOL DATE: 09-25-99

INSTALLED LIGHTING SCHEDULE

LUMINAIRE NAME (eg. Type-1, Type-2, etc.)	LAMPS TYPE I	F	H	NO. OF LAMPS	WATTS/LAMP	BALLASTS TYPE S	E*	O*	NO./LUMINAIRE	NOTE TO FIELD
A	☐	☒	☐	3	F032	☐	☒	☐	1.5	
A1	☐	☒	☐	3	F032	☐	☒	☐	1.5	
A2	☐	☒	☐	3	F032	☐	☒	☐	1.5	
A3	☐	☒	☐	3	F032	☐	☒	☐	1.5	
A4	☐	☒	☐	4	F032	☐	☒	☐	2	
A5	☐	☒	☐	4	F032	☐	☒	☐	2	
B	☐	☒	☐	3	F017	☐	☒	☐	1	
B1	☐	☒	☐	3	F017	☐	☒	☐	1	
C	☐	☒	☐	2	F032	☐	☒	☐	1	
EXISTING 1'X4'	☐	☒	☐	2	F032	☐	☒	☐	1	
EXISTING 2'X4'	☐	☒	☐	2	F032	☐	☒	☐	1	
EXISTING 4'X4'	☐	☒	☐	4	F032	☐	☒	☐	2	
EXISTING HEXAGON	☐	☒	☐	4	F032	☐	☒	☐	2	
EXISTING 12" DIA.	☐	☒	☐	1	FT18	☐	☒	☐	1	
EXISTING STRIP LIGHT	☐	☒	☐	1	F032	☐	☒	☐	1	

* Provide Supporting Documentation

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
CLASS ROOMS	OS	OCCUP. SENSOR	ENTIRE ROOM	
OFFICES	OS	OCCUP. SENSOR		

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Dwg #)	CONTROL IDENTIFICATION	CONTROL TYPE (Ocuupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED TYPE	# OF LUMIN.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form *December 1991*

LIGHTING COMPLIANCE SUMMARY Part 1 of 1 LTG-2

PROJECT NAME: BOWDITCH MIDDLE SCHOOL DATE: 09-25-99

ACTUAL LIGHTING POWER

LUMINAIRE NAME	DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT Y	N*	TOTAL WATTS
A, A2	2'X4' 3-LAMP FLUOR. LENS	384	93	☒	☐	35712
A1, A3	2'X4' 3-LAMP FLUOR. PARABOLIC	41	93	☒	☐	3813
A4, A5	2'X4' 4-LAMP FLUOR. LENS	36	124	☒	☐	4464
B, B1	2'X2' 3-LAMP FLUOR. LENS	16	53	☒	☐	848
C	9"X4' 2-LAMP FLUOR. PARABOLIC	8	62	☒	☐	496
EXISTING	1'X4' 2-LAMP FLUOR.	326	62	☒	☐	20212
EXISTING	2'X4' 2-LAMP FLUOR.	54	62	☒	☐	3348
EXISTING	4'X4' 4-LAMP FLUOR.	62	124	☒	☐	7688
EXISTING	HEXAGON 4 LAMP FLUOR.	6	124	☒	☐	744
EXISTING	12" DIA. FLUOR. DOWN LIGHT	35	34	☒	☐	1190
EXISTING	STRIP LIGHT	27	32	☒	☐	864

SUBTOTAL FOR THIS PAGE: 79379
PLUS SUBTOTAL FROM CONTINUATION PAGE:
LESS CONTROL CREDIT WATTS (FROM LTG-3):
ADJUSTED ACTUAL WATTS: 79379

* If not using the CEC Default value, please provide supporting documentation.

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From Table 2-53N)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS
SCHOOL	1.8	80015	144027

AREA CATEGORY METHOD

AREA CATEGORY (From Table 2-53N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
TOTALS		AREA	WATTS

TAILORED OR PERFORMANCE METHOD

☐ TAILORED ☐ PERFORMANCE TOTAL ALLOWED WATTS (From LTG-4 or from computer run.):

Nonresidential Compliance Form *December 1991*

LIGHTING MANDATORY MEASURES NOTE BLOCK

PROJECT NAME: BOWDITCH MIDDLE SCHOOL DATE: 09-25-99

☐ BUILDING LIGHTING SHUT-OFF: THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS OF AN AUTOMATIC TIME SWITCH, WITH A ZONE FOR EACH FLOOR: OR

☐ THE BUILDING IS SEPARATELY METERED AND LESS THAN 5,000 SQUARE FEET; EXEMPT FROM THE SHUT-OFF REQUIREMENT.

☐ OVERRIDE FOR BUILDING LIGHTING SHUT-OFF: THE AUTOMATIC BUILDING SHUT-OFF SYSTEM IS PROVIDED WITH A MANUAL, ACCESSIBLE OVERRIDE SWITCH IN SIGHT OF THE LIGHTS. THE AREA OF OVERRIDE IS NOT TO EXCEED 5,000 SF.

☒ AUTOMATIC CONTROL DEVICES CERTIFIED: ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED, ALL ALTERNATE EQUIPMENT SHALL BE CERTIFIED AND INSTALLED AS DIRECTED BY THE MANUFACTURER.

☒ FLUORESCENT BALLAST AND LUMINARIES CERTIFIED: ALL FLUORESCENT FIXTURES SPECIFIED FOR THE PROJECT ARE CERTIFIED AND LISTED IN THE DIRECTORY. ALL INSTALLED FIXTURES SHALL BE CERTIFIED.

☐ TANDEM WIRING FOR TWO-LAMP BALLAST'S: ALL ONE AND THREE LAMP FLUORESCENT FIXTURES ARE TANDEM WIRED WITH TWO (2) LAMP BALLAST WHERE REQUIRED BY STANDARDS 132 OR

☒ ALL THREE LAMP FLUORESCENT FIXTURES ARE SPECIFIED WITH ELECTRONIC HIGH-FREQUENCY BALLAST'S AND ARE EXEMPT FROM TWO-LAMP TANDEM WIRING REQUIREMENTS.

☒ INDIVIDUAL ROOM/AREA CONTROLS: EACH ROOM AND AREA IN THIS BUILDING IS EQUIPPED WITH A SEPARATE SWITCH OR OCCUPANCY SENSOR DEVICE FOR EACH AREA WITH FLOOR-TO-CEILING WALLS.

☒ UNIFORM REDUCTION FOR INDIVIDUAL ROOMS: ALL ROOMS AND AREAS GREATER THAN 100 SQUARE FEET AND MORE THAN 1.2 WATTS PER SQUARE FOOT OF LIGHTING LOAD SHALL BE CONTROLLED WITH BI-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM.

☐ DAYLIT AREA CONTROL: ALL ROOMS WITH WINDOWS AND SKYLIGHTS, THAT ARE GREATER THAN 250 SQUARE FEET, AND THAT ALLOW FOR THE EFFECTIVE USE OF DAYLIGHT IN THE AREA SHALL HAVE 50% OF THE LAMPS IN EACH DAYLIT AREA CONTROLLED BY A SEPARATE SWITCH; OR

☐ THE EFFECTIVE USE OF DAYLIGHT THROUGH CANNOT BE ACCOMPLISHED BECAUSE THE WINDOWS ARE CONTINUOUSLY SHADED BY A BUILDING ON THE ADJACENT LOT. DIAGRAM OF SHADING DURING DIFFERENT TIMES OF YEAR IS INCLUDED ON PLANS.

☒ CONTROL OF EXTERIOR LIGHTS: EXTERIOR MOUNTED FIXTURES AND SERVED FROM THE ELECTRICAL PANEL INSIDE THE BUILDING ARE CONTROLLED WITH A DIRECTIONAL PHOTO CELL CONTROL ON THE ROOF AND A CORRESPONDING RELAY IN THE ELECTRICAL PANEL.

☐ DISPLAY LIGHTING: DISPLAY LIGHTING IS SEPARATELY SWITCHED ON CIRCUITS THAT ARE 20 AMPS OR LESS.

POLA
DESIGN | ENGINEERING SERVICES
101 SPEAR STREET SUITE 225
SAN FRANCISCO, CA 94105
TEL: 415.765.0151 - FAX: 415.765.0150

VBN ARCHITECTS
560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP: 12/31/99

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM No E15401 EXP. 06-30-05

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL NO. 01-101836 DATE 11-11-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

TITLE 24 & LIGHTING LOAD SCHEDULE

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E0.0

JOB NO: 99041B OF SHEETS

99038/9038E0.0/08-20-03/NBF/VLV

GENERAL NOTES

1. NOTIFY THE ARCHITECT AT LEAST 2 DAYS PRIOR TO COMMENCING DEMOLITION WORK IN A PARTICULAR AREA. BEFORE BEGINNING ANY CUTTING OR DEMOLITION WORK, THE CONTRACTOR SHALL CAREFULLY SURVEY THE EXISTING WORK AND EXAMINE THE DRAWINGS AND SPECIFICATIONS TO DETERMINE THE EXTENT OF THE WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE AGAINST DAMAGE TO EXISTING WORK TO REMAIN IN PLACE, TO BE REUSED, OR TO REMAIN THE PROPERTY OF THE OWNER, AND ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL CAREFULLY COORDINATE THE BRACING AND SUPPORTS AS REQUIRED. THE CONTRACTOR SHALL ENSURE THAT STRUCTURAL SUPPORTS AS MAY BE REQUIRED AS A RESULT OF ANY CUTTING, REMOVAL, OR DEMOLITION WORK PERFORMED UNDER ANY PART OF THIS CONTRACT.
2. COORDINATE AND SCHEDULE ALL WORK WITH ALL NECESSARY CONSIDERATION FOR THE OWNER AND THE PUBLIC, AVOIDING INTERFERENCE WITH THE USE OF, AND PASSAGE TO AND FROM, ADJACENT AREAS AND FACILITIES DESIGNATED TO REMAIN IN USE DURING DEMOLITION. MAINTAIN ALL EXISTING CIRCUITS TO ITEMS THAT REMAIN IN USE. ABANDONED OUTLET BOXES SHALL BE CLOSED WITH BLANK COVER PLATES.
3. EXISTING OUTLETS WHICH ARE TO BE REMOVED AND HAVE CONDUITS RISING FROM THE FLOOR SLAB SHALL HAVE THE CONDUITS CUT BELOW FLOOR LEVEL. ABANDON OR REWORK AS REQUIRED TO PROVIDE FEED-THROUGH SERVICE TO OTHER REMAINING OUTLETS. PULL NEW WIRE BETWEEN REMAINING OUTLETS AFFECTED BY FEED-OUTLETS. PULL NEW WIRE BETWEEN REMAINING OUTLETS AFFECTED BY FEED-THROUGH. PATCH FLOOR AS REQUIRED TO RESTORE TO ORIGINAL CONDITION.
4. ALL EXISTING WIRING SYSTEMS WHICH ARE DISCONNECTED AND WILL NOT BE REUSED SHALL BE REMOVED IN THEIR ENTIRETY. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES EXCEPT WHEN AUTHORIZED BY OWNER. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES.
5. PULL CONDUCTORS FROM ABANDONED CONCEALED RACEWAYS SYSTEMS. ANY SECTION OR RACEWAY SYSTEM EXPOSED DUE TO REMODELING SHALL BE CUT FLUSH AT EXPOSING SURFACE. CONCEALED RACEWAY SHALL NOT BE REMOVED EXCEPT WHERE THEY INTERFERE WITH REMODELING.
6. ALL EXISTING OUTLETS, EQUIPMENT, AND ASSOCIATED WIRING AND CONDUIT SYSTEM(S) WHICH INTERFERE WITH THE WORK OF THE GENERAL, STRUCTURAL, PLUMBING, FIRE PROTECTION, OR HVAC CONTRACTORS SHALL BE REWORKED AS REQUIRED TO MAINTAIN SYSTEM OPERATION.
7. ALL ELECTRICAL EQUIPMENT, DEVICES, AND LIGHTING FIXTURES THAT ARE TO BE RELOCATED SHALL BE CAREFULLY REMOVED, STORED, INSTALLED IN NEW LOCATION AND RECONNECTED AND RELAMPED.
8. THESE PLANS MAKE REFERENCE TO EXISTING ELECTRICAL FACILITIES AND BASED UPON THE BEST INFORMATION AVAILABLE AT THIS TIME. THE CONTRACTOR SHALL VERIFY THE INFORMATION CONTAINED HERE IN AND REPORT INACCURACIES, OMISSIONS, AND OTHER CONDITIONS AFFECTING THE INDICATED WORK TO THE ARCHITECT.
9. CONDUCTORS COLOR CODING SHALL MATCH EXISTING COLOR CODING.
10. THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4" UNLESS OTHERWISE NOTED.
11. PROVIDE UL LISTED FIRE-RATED SEALS FOR RACEWAY PENETRATIONS THROUGH FIRE-RATED WALLS, SLABS, AND CEILING. FIRE-RATED SEALS APPLY TO OTHER ELECTRICAL EQUIPMENT AS WELL TO MAINTAIN WALL RATING. (BOXES, PANELS AND ETC.)
12. PROVIDE REQUIRED EXPANSION/DEFLECTION FITTINGS AT LOCATIONS WHERE CONDUITS PASS THROUGH EXPANSION JOINTS. FITTINGS SHALL ALLOW SEISMIC MOVEMENT REQUIRED BY STRUCTURAL ENGINEERS.
13. AS PART OF THIS CONTRACT, THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL DEVICE CONNECTIONS TO THE EXISTING PANELBOARDS. THIS SHALL BE DONE AT THE COMPLETION OF THE PROJECT PRIOR TO OWNER OCCUPANCY AND SHALL INVOLVE VERIFYING WHICH PANEL AND CIRCUIT EACH DEVICE IS CONNECTED TO AND SHOWING THAT INFORMATION ON THE AS-BUILT DRAWING. IF AT ANY TIME DURING THE CONSTRUCTION OF THIS PROJECT THE CONTRACTOR NOTICES AN ABNORMAL QUANTITY OF DEVICES CONNECTED TO ONE CIRCUIT, HE SHALL IMMEDIATELY INFORM THE ARCHITECT.
14. ALL NEW RECEPTACLES SHALL BE COMMERCIAL GRADE TYPE, MANUFACTURED BY HUBBELL, LEVITON, OR EQUAL. △1
15. ALL SURFACE RACEWAYS SHOWN SHALL BE ROUTED ALONG THE WALL AND TIGHT TO CORNER ABOVE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION. INSTALL SURFACE RACEWAY IN A MANNER TO AVOID CONFLICT WITH (E) RACEWAY ON THE PATH. INCASE OF (E) CONDUIT CONFLICT. SURFACE RACEWAY ROUTED ACROSS THE CEILING IS NOT PERMITTED.
16. INSTALL SURFACE RACEWAY S & J-BOXES TIGHT TO CORNERS AS POSSIBLE.
17. PAINT ALL SURFACE RACEWAYS, CONDUITS, J-BOXES & ETC. WITH PAINT APPROVED BY THE ARCHITECT. PAINT COLOR TO MATCH WALL PAINT COLOR. SEE SPECS. SECTION 01300.
18. SUPPORT AND SEISMIC BRACING OF ALL CONDUITS AND EQUIPMENT'S SHALL BE IN ACCORDANCE WITH THE SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEM".
19. IDENTIFY BRANCH CIRCUIT IN ALL CONDUITS AND J-BOXES WITH PERMANENT MARKER.
20. TV OUTLETS SHALL BE MOUNTED AT +84"ABOVE FINISHED FLOOR WITH AN ADJACENT POWER OUTLET.
21. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL ROPE WITH 3'-0" SLACKS AND TAGS △1 AT EACH END.
22. INSTALL CODE SZE GROUND WIRE FOR EVERY CONDUIT RUN. GROUND WIRE SHALL BE FROM PANEL AND CARRIED UP TO THE DEVICES OR EQUIPMENT.
23. AS PART OF THIS CONTRACT, THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL DEVICE CONNECTIONS TO THE EXISTING PANELBOARDS. THIS SHALL BE DONE VERIFYING WHICH PANEL AND CIRCUIT EACH DEVICE IS CONNECTED TO AND SHOWING THAT INFORMATION ON THE AS-BUILT DRAWING. IF AT ANY TIME DURING THE CONSTRUCTION OF THIS PROJECT THE CONTRACTOR NOTICES AN ABNORMAL QUANTITY OF DEVICES CONNECTED TO ONE CIRCUIT, HE SHALL IMMEDIATELY INFORM THE ARCHITECT.
24. THE LOCATION OF ALL DEVICES, CONDUIT ROUTING, TRENCHING SAW CUTTING AND CORING ON THESE DRAWING ARE SHOWN DIAGRAMATICALLY. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-INS. INACCURACIES RESULTED FROM FAILURE TO DO SO, SHALL BE CORRECTED W/O ADDITIONAL EXPENSE TO OWNER.
25. BRANCH CIRCUIT WIRING GUIDE: INSTALL INDIVIDUAL NEUTRAL WIRE, SIZE AT THE NEXT HIGHER RATING FROM THE PHASE WIRES (IE #12 PHASE WIRES, #10 NEUTRAL WIRE) FOR EVERY THREE (3) BRANCH CIRCUIT OR TWO (2) BRANCH CIRCUIT PHASE WIRE FROM PANEL TO DEVICES. THIS NOTE TAKE PRECEDENCE OVER DISCREPANCIES ON DRAWINGS.

   DATA POWER OUTLET: INSTALL INDIVIDUAL #10 NEUTRAL WIRE PER CIRCUITS OR SIZE NEXT HIGHER RATING FROM THE PHASE WIRES.
26. TEST ALL ELECTRICAL SYSTEM AS A WHOLE AT COMPLETION OF WORK AND BEFORE FINAL ACCEPTANCE. TESTS REQUIRED ARE AS FOLLOWS.
    - A. PERFORM INFRARED INSPECTION ALL ELECTRICAL TERMINATION'S WHILE SYSTEM IS ENERGIZED AND LOADED. PROVIDE RESISTIVE LOAD BANK AS PANEL LOAD. SIZE LOAD BANK 40% OF FEEDER CAPACITY.
    - B. PERFORM INSULATION RESISTANCE TEST ON ALL CONDUCTORS, PHASE-TO-PHASE, AND PHASE-TO-GROUND.
    - C. PERFORM GROUND CONTINUITY TEST BETWEEN MAIN GROUND SYSTEM, EQUIPMENT FRAME, AND SYSTEM NEUTRAL. TEST PROCEDURES SHALL BE PER NETA RECOMMENDED PRACTICES. SUBMIT TEST REPORTS TO ENGINEER-OF-RECORD FOR REVIEW AND APPROVAL. THIS REPORTS CONSTITUTES AS A PREREQUISITE FOR FINAL PAYMENT.
    - D. PRIOR TO COMMENCING WORK, PERFORM TRANSFORMER TEST PER NETA TO ALL EXISTING TRANSFORMER. REPORT ABNORMALITIES AND RECOMMEND CORRECTIVE MEASURES. △1
27. SURFACE RACEWAY (WM6) W/O DEVICES SHALL HAVE BARRIER LOCATED IN SUCH A MANNER THAT WIRING CAPACITY FOR DATA AND POWER CABLES ARE 60% AND 40% RESPECTIVELY.
28. △1 ALL MECHANICAL EQUIPMENT DISCONNECT SHALL BE FUSED TYPE, THIS NOTE TAKE PRECEDENCE OVER SYMBOLS INDICATED ON DRAWINGS. COORDINATE FUSE SIZE WITH MANUFACTURER.
29. ALL OUTDOOR SURFACE MOUNTED CONDUIT SHALL BE RIGID STEEL TYPE WITH THREADED FITTINGS. ASSOCIATED J-BOXES SHALL BE NEMA 3R RATED MINIMUM.
30. ALL HOME RUNS TO THE PANELBOARD ARE INDICATED AS STARTING FROM THE OUTLET NEAREST TO THE PANEL AND CONTINUING IN THE GENERAL DIRECTION OF THAT PANEL. CONTINUE SUCH CIRCUITS TO THE PANEL AS THOUGH THE ROUTES WERE COMPLETELY INDICATED. TERMINATE DATA SYSTEM IN A SIMILAR MANNER. HOMERUNS WHICH INDICATE UPGRADING CIRCUIT CONDUCTORS FOR VOLTAGE DROP, E.G., #10 WIRE ON 20 AMPERE CIRCUIT SHALL HAVE THE CONDUCTOR SIZE CARRIED THROUGHOUT THE CIRCUIT TO THE LAST DEVICE.
31. ALL WIRING FOR BRANCH CIRCUITS SHALL BE #12 AWG PROTECTED BY 20 AMPERE CIRCUIT BREAKERS, UNLESS OTHERWISE INDICATED. IF DISTANCE FROM PANEL TO THE FIRST OUTLET IS 100 FEET OR GREATER, INSTALL #10 AWG. FOR ADJUSTMENT FACTORS FOR RACEWAY WIRE FILL (REFER TO NEC TABLE B-310-11) IN EXCESS OF 24 WIRES IN SINGLE COMPARTMENT OR RACEWAY 30 AMPERE RATING OF #12 AWG THNN SHALL BE DERATED TO 50% OR UP SIZE WIRE TO THE NEXT STANDARD WIRE SIZE OF SAME INSULATION TYPE.
32. ALL UNDERGROUND CONDUIT SHALL BE INSTALLED AT 24" MINIMUM FROM TOP OF CONDUIT TO FINISHED GRADE. REFER TO SPECIFICATIONS FOR TRENCHING AND BACKFILL REQUIREMENTS.
33. UNLESS NOTED OTHERWISE, ALL LIGHT FIXTURES WITH THREE (3) OR FOUR (4) LAMPS SHALL BE CONTROLLED BY TWO LEVEL SWITCHING. THE TWO (2) OUTER LAMPS SWITCHES SEPARATELY FROM THE ONE (1) OR TWO (2) INNER LAMPS.
34. SURFACE MOUNTED RACEWAY INSTALLATION NOTES
    - A. RACEWAY ROUTE MOCKUP PRIOR TO RACEWAY INSTALLATION: IN EACH CLASSROOM, USING MASKING TAPE OR EQUIVALENT, ILLUSTRATE PROPOSED SURFACE MOUNTED CONDUIT ROUTING FROM PENETRATION THROUGH WALL TO EACH SECTION OF SURFACE MOUNTED RACEWAY FOR REVIEW AND APPROVAL BY ARCHITECT AND ENGINEER. PROVIDE 48 HOURS PRIOR NOTICE FOR REVIEW OF MOCK. REMOVE MASKING TAPE PRIOR TO INSTALLATION. ACTUAL RACEWAY INSTALLATION SHALL NOT DEVIATED FROM APPROVED ROUTING.
    - B. MOUNT RACEWAY SURFACE AGAINST WALL SURFACE FOLLOWING APPROVED ROUTING. OPENING SHALL NOT BE LARGER THAN NECESSARY AND ALL EXPOSED SURFACES SHALL BE PAINTED TO MATCH ADJACENT FINISH.
    - C. INSTALL RACEWAY TIGHT TO TOP UP TO THE CEILING WHERE POSSIBLE. WHERE VERTICAL DROPS TO DEVICES ARE REQUIRED, THE VERTICAL PORTION OF THE RACEWAY SHALL BE PERPENDICULAR TO THE CEILING, FLOOR AND/OR ANY ARCHITECTURAL TRIMMING.
35. △1 REPLACE ALL (E) OCCUPANCY SENSORS AND ASSOCIATED ACCESSORIES WITH WATTSTOPPER DT-200 MODEL. PROVIDE (N) POWER PACK AS REQUIRED. ALL CLASSROOMS AND ODD SHAPE ROOMS SHALL BE PROVIDED WITH A MINIMUM (2) TWO OCCUPANCY SENSOR. COORDINATE WITH SENSOR MANUFACTURER FOR EXACT LOCATION. PROVIDE MOCK-UP INSTALLATION TO DETERMINE SENSOR SENSITIVITY AND COVERAGE. SUBMIT SHOP DRAWING FLOOR PLANS INDICATING EXACT LOCATIONS OF ALL SENSORS AND POWER PACK FOR APPROVAL PRIOR TO INSTALLATION.
36. EXISTING TELEPHONE, CLOCK, INTERCOM/PAGING AND DATA SYSTEM SHALL REMAIN FUNCTIONAL DURING THE CONSTRUCTION PERIOD. COORDINATE WITH DISTRICT FOR SYSTEM TRANSITION. PROVIDE AT LEAST 7 CALENDAR DAYS NOTICE FOR SHUTTING DOWN ANY SYSTEM FOR SWITCHOVER.
37. ALL WIRING INSTALLATION TO FINISHED WALLS AND CEILING SHALL BE SURFACE RACEWAY. FOR SIZE REFER TO CABLE FILL SCHEDULE.
38. CONTRACTOR SHALL PAINT ALL EXPOSED WIRING, BOXES AND SUPPORT ELEMENTS. PAINT TO MATCH WALL FINISHED. COORDINATE WITH ARCHITECT PRIOR TO PAINTING.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL ELECTRICAL EQUIPMENT DEVICES AND WIRING WITHIN THE AREA OF RENOVATION PRIOR TO BID.
2. THE CONTRACTOR SHALL REMOVE ALL WIRING DEVICES, RACEWAYS, ETC. ON CEILINGS AND WALLS WHICH ARE UNDER THE AREA TO BE RENOVATED. DEVICES WHICH ARE TO BE REMOVED MAY REQUIRE REWORKING CONDUIT AND WIRING IN ORDER TO MAINTAIN SERVICE TO OTHER DEVICES. IF REMOVED DEVICES ARE ON WALLS OR CEILINGS WHICH ARE TO REMAIN, PROVIDE BLANK COVER PLATES ON OUTLET BOXES TO REMAIN.
3. WHERE REMODELING INTERFERES WITH CIRCUITS IN AREAS WHICH ARE OTHERWISE UNDISTURBED, CIRCUITS SHALL BE REWORKED TO MAINTAIN POWER CONTINUITY. WIRING SHALL BE INTERCEPTED IN ACCESSIBLE AREA AND REROUTED IN SUCH A MANNER THAT INTERFERENCE WITH THE NEW WORK IS AVOIDED.
4. REMOVE, RELOCATE, AND/OR REWORK ANY ELECTRICAL EQUIPMENT, DEVICES, OR CONDUIT/WIRING AFFECTED WITHIN THE AREA OR RENOVATION (WHETHER INDICATED OR NOT) DUE TO REMOVAL OR REWORKING OF EXITING WALLS, CEILINGS, ETC. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL WORK TO BE DONE BY OTHER TRADES BY REVIEWING THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING DRAWINGS, AND EXAMINING THE SITE FOR ACTUAL CONDITION OF PROJECT.
5. ALL EQUIPMENT, FIXTURES, DEVICES, ETC. WHICH ARE REMOVED SHALL BE DELIVERED TO THE OWNER FOR DISPOSITION. ALL ITEMS NOT REUSED SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
6. THE COST OF CUTTING, PATCHING AND PAINTING NECESSARY FOR THE INSTALLATION OR REMOVAL OF ELECTRICAL WORKS SHALL BE INCLUDED IN THE ELECTRICAL CONTRACT. COORDINATE WITH THE GENERAL CONTRACTOR.
7. THE CONTRACTOR SHALL REMOVE AND REPLACE LIGHTING FIXTURES; REWORK, RELOCATE, OR REPLACE CONDUIT AND WIRING, AND DO OTHER WORK REQUIRED BY THE INSTALLATION OF NEW DUCTWORK, PIPING, ETC., ABOVE EXISTING CEILING. COORDINATE WITH OTHER CONTRACTORS AND VERIFY THE EXTENT OF THE WORK.
8. THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM THE OWNER 7 CALENDAR DAYS PRIOR TO ALL POWER SHUTDOWN.
9. ALL CONDUIT AND WIRING NOT TO BE USED SHALL BE REMOVED BACK TO THE PANELS AS POSSIBLE.
10. REFLECT ALL CHANGES TO ALL EXISTING PANELS SCHEDULES OF ALL EXISTING PANELS INVOLVED IN THIS CONTRACT.
11. EXISTING CONDUIT AND WIRING WHICH ARE TO BE REUSED SHALL MEET THE REQUIREMENTS OF NEW CIRCUITS AND TO REMAIN IN GOOD CONDITION.
12. EXISTING OLD CLOCKS AND SPEAKERS SHALL BE REMOVED AND SALVAGED PER SSFSD DIRECTION.
13. △1 REFER TO ARCHITECTURAL DEMO PLANS FOR QUANTITY OF LIGHT FIXTURES TO BE REMOVED IN AREAS NOTED ON ELECTRICAL LIGHTING PLANS.
14. ALL (E) STRIP LIGHT FIXTURES AND ASSOCIATED WIRINGS ABOVE ILLUMINATED CEILINGS INSIDE THE CLASSROOMS TO BE REMOVED AND DISPOSED. MAIN SOURCE OF BRANCH CIRCUIT WIRING TO REMAIN.

SCOPE OF WORK - FIRE ALARM SYSTEM

THE SCOPE OF WORK FOR THE FIRE ALARM SYSTEM SHALL BE TO REPLACE EXISTING SYSTEM TO A NEW AND COMPLETE FIRE ALARM SYSTEM.

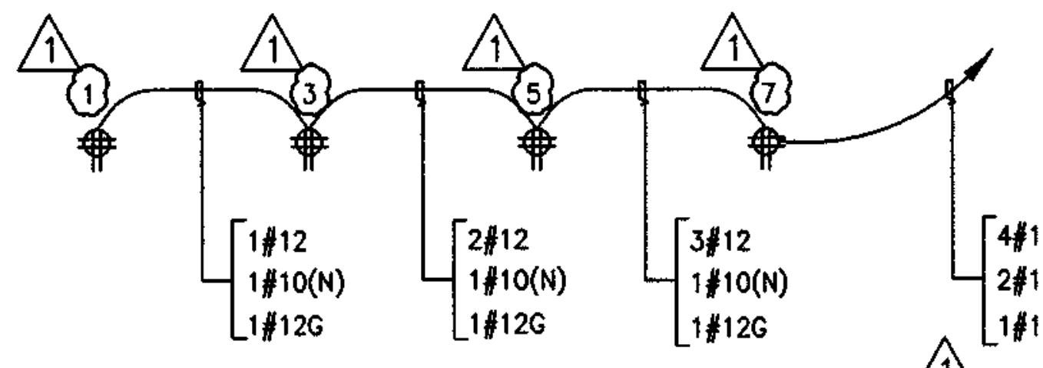
SYSTEM DESCRIPTION:

NONCODED, ADDRESSABLE SYSTEM WITH CLASS A WIRING AND MANUAL AND AUTOMATIC ALARM INITIATION, AND MULTIPLEXED SIGNAL TRANSMISSION.

NOTE:

SEE ELECTRICAL DRAWING SHEET E4.0 FOR FIRE ALARM SYSTEM GENERAL NOTES.

RECEPTACLES WIRING STANDARD



NOTES: REFER TO FOLLOWING GENERAL NOTES NO. 22,25,30 & 31 △1 FOR ADDITIONAL WIRING REQUIREMENTS.

DATA - GENERAL NOTES

1. FIBER OPTIC CABLES SHALL BE RUN IN CONDUIT U.O.N.
2. CONTRACTOR MUST FOLLOW STRICTLY WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT'S INFRASTRUCTURE IMPLEMENTATION STANDARDS.
3. CONTRACTOR MUST LEGIBLY LABEL ALL VOICE, DATA AND BROAD BAND OUTLETS, CABLES, BLOCKS, FRAMES AND PATCH PANELS PER WCCUSD SPECIFIC DIRECTIONS. ALL CABLES AND WIRES SHALL BE LABELED AT THE TIME OF INSTALLATION. THESE LABELS SHALL CONFORM TO THE LABELING PLAN AS NOTED.
   AT A MINIMUM, THE LABEL ON EACH CABLE/WIRE SHALL INDICATE:
    - a. END POINTS (TERMINATION) OF THE INDIVIDUAL CABLE.
    - b. OUTLETS FOR EQUIPMENT SHALL BE INSTALLED AS DESIGNATED IN THE JOB SPECIFICATIONS AND ACCOMPANYING DRAWINGS.
    - c. ALL CABLES/WIRES SHALL BE LABELED AT EACH END.
    - d. A CABLE RECORD SYSTEM SHALL BE ESTABLISHED. AT A MINIMUM, THE CABLE RECORD (OR SCHEDULE) SHALL INCLUDE THE FOLLOWING INFORMATION.
    - e. CABLE NUMBER.
    - f. CABLE RUNS FROM.
    - g. CABLE RUNS TO.
    - h. LENGTH OF CABLE RUN.
    - i. ADDITIONAL INFORMATION SHALL BE INCLUDED WHENEVER APPROPRIATE.
4. PROVIDE COMPLETE SET OF CABLES DRAWINGS AND PLANS, PREFERABLY DONE ON/WITH A COMPUTER AIDED DESIGN (CAD) SYSTEM. THESE DRAWINGS WILL INCLUDE THE INSTALLED ROUTINGS AND TERMINATIONS FOR FOR THE FIBER OPTICS AND COPPER CABLING SYSTEMS. DRAWINGS MUST INCLUDE, BUT ARE NOT LIMITED TO, BDF/MDF LOCATIONS, TRUNK CABLE ROUTES, AND USER TERMINATION POINTS (WITH CABLING SYSTEMS. DRAWINGS MUST INCLUDE, BUT ARE NOT LIMITED TO, BDF/MDF RESPECTIVE IDs). A COMPLETE LISTING OF ALL CABLES/WIRING WHICH IDENTIFIES THE TYPE OF CABLE, THE QUANTITIES, AND THE LOCATIONS.
5. ALL WORK FOR DATA AND TELEPHONE SYSTEMS MUST COMPLY WITH ANSI/TIA/EIA-568A,-569, &-606, AND WITH FCC REGULATIONS-PART 13 AND 68.
6. HORIZONTAL CABLING FOR THE DATA SYSTEM SHALL BE ACCORDING TO CATEGORY 6 SOLUTIONS.
7. ALL WORK FOR THE CATV SYSTEM MUST COMPLY WITH FCC REGULATIONS.
8. SYSTEM RADIATION SHALL NOT EXCEED THE LIMITS CONTAINED IN FCC RULES, PART 76.
9. PROVIDE COPPER GROUND BAR FOR EQUIPMENT GROUNDING ESPECIALLY FOR MULTIPLE EQUIPMENT GROUNDING OR INTERSYSTEM GROUNDING. IF BACKBONE CABLE IS FURNISHED BY A SERVICE PROVIDER, THEY MUST BE CONSULTED TO DETERMINE ANY SPECIAL GROUNDING REQUIREMENTS THAT MAY APPLY.
10. ALLOW A MINIMUM OF 10 FEET (3 METERS) SLACK IN FIBER OPTIC CABLE SERVICE LOOP IN RACKS OR IN DATA CABINETS TO BE USEFUL IN FUTURE REPAIR OR RELOCATION OF CABLES.
11. FIBER OPTIC CABLES MUST HAVE A MINIMUM BEND RADI OF TEN TIMES THE OUTSIDE CABLE DIAMETER.
13. FIBER OPTIC CABLES MUST NOT EXCEED CABLE MANUFACTURER'S SPECIFIED MAXIMUM TENSIL RATING.
14. PROVIDE CABLE STRAIN RELIEF TO ALL FIBER OPTIC CABLE AT THE TOP OF EACH VERTICAL RISER AND EVERY TIME THE VERTICAL RISER RATING OF THE CABLE IS EXCEEDED.
15. PROVIDE INNERDUCT FOR CONDUITS TO BE USED FOR FIBER OPTIC CABLE AND ENSURE THAT THE INNERDUCT IS INSTALLED WITHOUT COILS OR TWISTS. SECTIONALIZE THE AVAILABLE DUCT SPACE WITH INNERDUCT.
16. EXTEND INNERDUCT INSIDE DATA CABINETS, ON CABLE TRAYS, AND/OR ON STEEL WIRE TRAYS.
17. CONTRACTOR MUST PERFORM PROPER CABLING PRACTICES RELATING (BUT NOT LIMITED) TO CONNECTOR TERMINATION'S, CABLE INSTALLATION AND MANAGEMENT, USE OF CROSS-CONNECT JUMPERS AND PATCH CORDS, AND MULTIPLE CONNECTIONS IN CLOSE PROXIMITY.
18. PLYWOOD BACKBOARD SHALL BE FIRE RETARDANT TREATED 3/4" THICK AND SHALL SPAN THE WHOLE HEIGHT OF THE FLOOR. IT MUST BE FIRE TREATED WITH THE STAMP VISIBLE FOR INSPECTION EVEN AFTER PAINTED. OTHERWISE, BACKBOARD SHALL BE REPLACED AND ALL EQUIPMENT MOUNTED ON IT TO BE RE-MOUNTED AT NO EXTRA COST TO OWNER.
19. USE COLOR-CODED CROSS-CONNECT FIELDS IN ALL DATA ROOMS, CLOSETS AND CABINETS TO FACILITATE CABLE PLANT ADMINISTRATION IN MAKING IT POSSIBLE TO IDENTIFY BACKBONE AND HORIZONTAL CABLES.
20. IF NOT SHOWN ON DRAWINGS, INSTALL AT LEAST ONE BACKBOARD ON DATA ROOM WALL, 3/4" THICK FIRE RETARDANT TREATED PLYWOOD, FROM 6"A.F.F. TO UNDERSIDE OF CEILING.
21. SIGNAL CONDUIT SHALL BE 3/4"C MINIMUM UPSIZE CONDUIT AS REQUIRED BASED. ON QUANTITY OF CABLES CONDUITS MUST CONTAIN THE ALLOWABLE MAXIMUM NUMBER OF CABLES AS SHOWN ON THE RACEWAY CABLE FILL SCHEDULE.
22. ALL CABLING RUNS TO BE LABELED IN CONFORMANCE WITH EIA/TIA 606. △1
23. ALL LOW VOLTAGE SYSTEM HOMERUNS SHALL BE SIZED BASED ON "RACEWAY CABLE FILL SCHEDULE." UNLESS OTHERWISE NOTED. CONTRACTOR SHOULD ALLOW TO UP SIZE CONDUIT ONE SIZE LARGER WITHOUT COST TO OWNER.
24. IF INSTALLATION OF SURFACE RACEWAYS IS NOT FEASIBLE, CONDUIT AND BOXES, APPROVED BY THE ARCHITECT/OWNER, CAN BE USED IN LIEU OF SURFACE RACEWAY. REFER TO "RACEWAY CABLE FILL SCHEDULE" FOR EQUIVALENT CAPACITY.
25. CONTRACTOR SHALL PROVIDE COMPLETE CABLE/WIRE DOCUMENTATION USING DRAWINGS, TEXT, AND (AUTO-CAD RELEASE 2000) BINARY COMPATIBLE FORMAT.
26. SIGNAL CONDUIT SHALL HAVE MAX. 2-90' BENDS. FLEXIBLE CONDUIT NOT ALLOWED.
27. THE CATV SYSTEM SHALL BE A TRUNK-AND-BRANCH AND HOMERUN SYSTEM, OVER COAXIAL CABLE, TO NEW VIDEO OUTLETS. BACKBONE CABLING SHALL BE IN RG-11 COAXIAL CABLE, WHILE HORIZONTAL CABLING SHALL BE IN RG-6 COAXIAL CABLE. THE HORIZONTAL CATV WIRING SHALL BE ON A HIERARCHAL STAR TOPOLOGY.
28. CONTRACTOR TO PROVIDE PASSIVE DEVICES WITH APPROPRIATE VALUES SO AS TO MAINTAIN A MINIMUM OF 10 dBmV PER CHANNEL FOR EACH RECEIVER.
29. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, LABOR MATERIALS, AND SERVICES REQUIRED TO INSTALL THE COMPLETE INTRUSION DETECTION AND SECURITY SYSTEM.
30. AUDIO SYSTEM SHALL BE A ZONE PAGING AND PUBLIC ADDRESS SYSTEMS THROUGHOUT THE FACILITY. CONTRACTOR SHALL PROVIDE ALL EQUIPMENTS, LABOR MATERIALS, AND SERVICES REQUIRED TO INSTALL THE COMPLETE, OPERATING AUTONOMOUS PUBLIC ADDRESS SYSTEM.
31. THE ASSISTED LISTENING SYSTEM SHALL BE A LARGE AREA WIRELESS FM SYSTEM. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, LABOR, MATERIALS, AND SERVICES, INCLUDING BUT NOT LIMITED TO TRANSMITTER, ANTENNA, WIRINGS, PERSONAL RFECEIVERS, AND MISCELLANEOUS ACCESSORIES REQUIRED FOR A COMPLETE SYSTEM. TOTAL NUMBER OF PERSONAL RECEIVERS AND ACCESSORIES INCLUDING POUCH WITH BELT CLIP SHALL BE A MINIMUM OF 4% OF THE TOTAL ROOM CAPACITY. CONTRACTOR SHALL VERIFY WITH ARCHITECTURAL PLANS.
32. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH 2 PULL STRINGS MINIMUM. PULL STRING SHALL HAVE 3'-0" SLACK AND LABEL AT EACH END OF THE LINE. LABEL SHALL INCLUDE THE SYSTEM DESCRIPTION AND LOCATION.
33. ANY AND ALL PANELS AND OTHER DEVICES SHOWN ON DRAWINGS MAY BE RELOCATED BY THE ARCHITECT AND/OR ENGINEER WITHIN 10' OF LOCATION ON THE DRAWINGS AS MAY BE AS MAY BE DEEMED NECESSARY OR FOR THE BEST INTEREST OF THE PROJECT BY THE ARCHITECT OR ENGINEER, WITH NO COST TO THE OWNER.
34. DO NOT CUT ANY BEAMS, JOISTS, STUDS, PLATES, FOOTINGS, SHEAR WALLS OR OTHER STRUCTURAL ELEMENTS EXCEPT AS DESCRIBED IN STRUCTURAL DRAWINGS. SEE STRUCTURAL DRAWINGS FOR INFORMATION.

CABLE FILL SCHEDULE

RACEWAY CABLE FILL SCHEDULE

	NUMBER OF CABLES ALLOWABLE PER RACEWAY			
RACEWAY TYPE AND SIZE	CABLE TYPE			
	CAT 6 OD=0.25	2 FIBER OD=0.185	12 FIBER OD=0.492	COAXIAL (TV) OD=0.242
CONDUIT	40% FULL	40% FULL	40% FULL	40% FULL
1"	7	11	1	6
1 1/4"	12	18	2	9
1 1/2"	17	26	3	14
2"	28	46	6	27
2 1/2"	48	73	10	41
3"	72	105	14	60
4"	120	186	26	108
SURFACE RACEWAY (W55) DIVIDED	83	111	16	68
SURFACE RACEWAY (W20)	12	17	2	10
SURFACE RACEWAY (W8)	2	3	0	2

NOTE:
1. ALLOWANCE FOR INNER DUCT SHALL BE CONSIDERED WHEN REQUIRED.
2. SURFACE RACEWAY IS REFERRED TO NON-METALLIC RACEWAY MANUFACTURED BY WIREMOLD CO. (SERIES 5500, 200 AND 800)

LEGEND

LIGHT FIXTURES

Ⓙ	FLUORESCENT FIXTURE AND OUTLET - RECESSED; SHADE INDICATES PROVIDED WITH EMERGENCY BALLAST OR ON EMERGENCY POWER.
	FLUORESCENT FIXTURE AND OUTLET- SURFACE OR PENDANT
	STRIP FLUORESCENT FIXTURE-SURFACE
⊗, ⊗	CEILING OR WALL MOUNT EXIT LIGHT - SEE LIGHTING FIXTURE SCHEDULE
☒	LOW LEVEL EXIT SIGN - SEE LIGHTING FIXTURE SCHEDULE.
	EMERGENCY LIGHTING UNIT - SEE LIGHTING FIXTURE SCHEDULE

RECEPTACLES AND OUTLETS

(2)	WIREMOLD RECEPTACLE, DOUBLE DUPLEX 20A,3PG, 120V. U.O.N. (2) DENOTES (2) DOUBLE DUPLEX.
	DUPLEX GFI RECEPTACLE +42" AFF, U.O.N.
	RECEPTACLE, DUPLEX 20A, 3PG, 125V, +18" U.O.N.
	RECEPTACLE, DOUBLE DUPLEX 20A, 3PG, 125V, +18" U.O.N.
Ⓙ,Ⓙ	JUNCTION BOX, CEILING OR WALL
S_T	MANUAL MOTOR STARTER, SWITCH WITH THERMAL OVERLOAD
F	DISCONNECT SWITCH - NON-FUSED, FUSED TYPE, SIZE PER N.E.C. △1 (COORDINATE FUSE SIZE WITH MANUFACTURER).
	COMBINATION MOTOR CONTROLLER/DISCONNECT SWITCH, SIZE PER N.E.C.
Ⓜ	MOTOR OUTLET AND CONNECTION
	EQUIPMENT CONNECTION
▬	(N) PANELBOARD
T	TRANSFORMER

SWITCHES

S_3	WALL SWITCH, SINGLE POLE, SINGLE THROW, 20A, 1P, +48" U.O.N 3 = THREE WAY
OS	OCCUPANCY SENSOR, WATTSTOPPER DT-200, SEE GENERAL NOTE #35. △1
PP	OCCUPANCY SENSOR POWER PACK
$	△1 AUTOMATIC WALL SWITCH, WATTSTOPPER WS-200.
Ⓣ	THERMOSTAT, PROVIDED AND INSTALLED UNDER DIVISION 15, WIRED (WITH CONDUIT) UNDER DIVISION 16.

TELEPHONE AND DATA

▽	DATA CONDUIT STUB UP TO CEILING.
▼	△1 TELEPHONE AND DATA OUTLET, +18 U.O.N.
▽	DATA OUTLET, 18" U.O.N.
▼	TELEPHONE OUTLET, +18" U.O.N.
◁4	COMPUTER DATA OUTLET. 4 = FOUR JACKS
©	CLOCK, WALL MOUNTED +80 U.O.N.
S	SPEAKER, WALL MOUNTED, + 80" U.O.N.

RACEWAY/WIRING

	EQUIPMENT CONNECTION
△1	HOMERUN CONDUIT AND WIRES CONCEALED IN CEILING OR WALL, NUMBER OF WIRE 3#12-3/4"C MINIMUM.
———	CONDUIT RUN CONCEALED IN CEILING OR WALL, NUMBER OF WIRES AS REQUIRED.
— —	CONDUIT RUN IN OR UNDER FLOOR OR GRADE.
—•, —○	CONDUIT DOWN, CONDUIT UP
—W7—	SURFACE RACEWAY EQUAL TO WIREMOLD 2700 (POWER) X 2800 (DATA) WITH FITTINGS. △1
—F—	FIRE ALARM SYSTEM CONDUIT, 1/2"C, U.O.N.
—WM6—	SURFACE RACEWAY, EQUAL TO WIREMOLD 5400 SERIES WITH DIVIDER COMPLETE WITH FITTINGS.

EXISTING ELECTRICAL DEVICES AND WIRINGS

▨	(E) PANELBOARD
	(E) LIGHTING FIXTURE TO BE REMOVED
△1 S	(E) LIGHT SWITCH TO BE REMOVED.
	(E) LIGHTING FIXTURE TO REMAIN, U.O.N.
△1 S	(E) LIGHT SWITCH TO REMAIN, U.O.N.
OS	(E) OCCUPANCY SENSOR TO REMAIN, U.O.N.
PP	(E) OCCUPANCY SENSOR POWER PACK TO REMAIN, U.O.N.
●	(E) INTERCOM HAND SET TO BE REPLACED.
TV	(E) TELEVISION OUTLET TO REMAIN. △1
- - - - -	(E) CONDUIT
⁄-⁄-⁄	(E) CONDUIT TO BE REMOVED OR ABANDONED.

DETAIL/REFERENCE TAG

(R)	RELOCATED
(ERM)	EXISTING TO REMAIN
(ERR)	EXISTING TO BE REMOVED AND REINSTALLED UPON COMPLETION OF NEW CONSTRUCTION
(EA)	EXISTING TO BE ABANDONED

DETAIL/REFERENCE TAG (CONTINUATION)

(EOH)	EXISTING OVERHEAD LINE
(ERE)	EXISTING TO BE RELOCATED
(ER)	EXISTING TO BE REMOVED
(RSC)	RIGID STEEL CONDUIT
◇	SHEET NOTE IDENTIFICATION TAG - SEE SHEET NOTES
⊟	DETAIL DESIGNATION
⬡	FIXTURE IDENTIFICATION TAG
⬡	MECHANICAL EQUIPMENT TAG
(E), (N)	INDICATES EXISTING OR NEW
TYP.	TYPICAL
U.O.N	UNLESS OTHERWISE NOTED
A.F.F	ABOVE FINISH FLOOR
WP	WEATHERPROOF

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LEE KARNEY C 3158

ARCHITECT'S STAMP

No E15401

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
APPL NO 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

ELECTRICAL LEGENDS AND NOTES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: CHECKED BY:

E0.1

JOB NO: 99041B OF SHEETS

MECHANICAL EQUIPMENT SCHEDULE

EQUIP. TAG	DESCRIPTION/AREA SERVED	UNITS	VOLTS PHASE	CIRCUIT DATA			STARTER DATA	DISC. SWITCH	CONTROL
				NO.	WIRES	CONDUIT			
B P-1	POD P BOILER		120/1	SEE FLOOR PLAN	2#12 1#12G	3/4"C			BY DIV. 15
PH P-1	CIRCULATING PUMP	½HP					MANUAL STARTER		
EF A1	POD A EXHAUST FAN, EF-A-1	¼HP				EXIST.		30A/3P	
EF B1	POD B EXHAUST FAN, EF-B-1	41W			2#10 1#12G	3/4"C			
EF B2	POD B EXHAUST FAN, EF-C-1	41W			2#12 1#12G	3/4"C			
EF C1	POD C EXHAUST FAN, EF-C-1	½HP			2#12 1#12G	EXIST.			
EF D1	POD D EXHAUST FAN, EF-D-1	65W			3#6 1#10G	3/4"C			
EF D2	POD D EXHAUST FAN, EF-D-2	65W			2#12 1#12G	3/4"C			
EF E1	POD E EXHAUST FAN, EF-E-1	77W			2#12 1#12G	3/4"C			
EF E2	POD E EXHAUST FAN, EF-E-2	65W			2#12 1#12G	3/4"C			
EF F1	POD F EF-F-1	77W			2#12 1#12G	3/4"C			
EF F2	POD F EXHAUST FAN, EF-F-2	65W			2#12 1#12G	3/4"C			
EF F3	POD F EXHAUST FAN, EF-F-3	65W	120/2		2#12 1#12G	3/4"C		30A/2P	
EF G1	POD G EXHAUST FAN, EF-G-1	3 HP	480/3		3#6 1#10G	EXIST.	NEMA SIZE 1	~~30A/3P~~	
EF G2	POD G EXHAUST FAN, EF-G-2	¼HP	120/1		2#12 1#12G	3/4"C	MANUAL STARTER	30A/2P	
EF G3	POD G EXHAUST FAN, EF-G-3	¼HP				3/4"C			
EF L1	POD L EXHAUST FAN, EF-L-1	¼HP				3/4"C			
EF M1	POD M EXHAUST FAN, EF-M-1	¾HP			2#10 1#10G	EXIST.	NEMA SIZE 1		
EF O1	POD O EXHAUST FAN, EF-O-1	2HP	480/3		3#8 1#10G	EXIST.	NEMA SIZE 1	30A/3P	
~~EF O2~~	~~POD O EXHAUST FAN, EF-O-2~~	~~¼HP~~	~~120/2~~		~~3#12 1#12G~~	~~3/4"C~~	~~MANUAL STARTER~~	~~30A/2P~~	
EF O2	POD O EXHAUST FAN, EF-P-1	2HP	480/3		3#8 1#10G	3/4"C	NEMA SIZE 1	30A/3P	
EF K1	POD K, EF/K-1	1/6HP	120/1	SEE FLOOR PLAN	2#12 3#12G	3/4"C	MANUAL STARTER	30A/3P	BY DIV. 15
EF K2	POD K, EF/K-1	1/6HP	120/1						
EF F4	POD F, EF/F-4	1/6HP	120/1						
EF F5	POD F, EF/F-5	1/6HP	120/1						
EF L2	POD L, EF/L-2	1/6HP	120/1						

NOTES:

1. MAGNETIC STARTER SHALL BE ACROSS THE LINE TYPE U.O.N. SIZE PER MOTOR HORSEPOWER RATING.
2. MAGNETIC STARTER WITH H-O-A SELECTOR SWITCH AND AUXILIARY CONTACTS FOR INTERLOCKING WITH MECH. CONTROL SYSTEM. COORDINATE WITH MECH.
3. CONTROL SYSTEM IS UNDER MECHANICAL. COORDINATE WITH MECH FOR EXACT NUMBER OF AUXILIARY CONTACT REQUIRED.
4. STARTER SUPPLIED WITH UNIT, INSTALLED AND WIRED BY ELECTRICAL. COORDINATE WITH MECHANICAL.
5. MANUAL STARTER SHALL BE EQUIPPED WITH TERMAL OVERLOAD.
6. MECHANICAL DRAWINGS TAKE PRECEDENCE. VERIFY WITH MECHANICAL SCHEDULE ON M0.2 FOR CORRECT MOCP AND PROVIDE REQUIRED CIRCUIT BREAKER AND FUSE SIZE PRIOR TO PROCUREMENT.
7. ALL TOILET EXHAUST FANS SHALL BE PROVIDED WITH A SEPARATE SWITCH FOR CONTROL TO BE INSTALLED AND PROVIDED UNDER DIVISION 16 RIGHT NEXT TO THE LIGHT SWITCH COMPLETE WITH CONDUIT AND WIRES.

EQUIP. TAG	DESCRIPTION/AREA SERVED	UNITS	VOLTS PHASE	CIRCUIT DATA			STARTER DATA	FUSED DISC. SWITCH	CONTROL
				NO.	WIRES	CONDUIT			
~~AC A-1~~	~~POD A-ROOF MOUNTED AC UNIT~~	~~12-1/2 TONS~~	~~460/3~~	~~SEE FLOOR PLAN~~	~~3#8 1#10G~~	~~EXIST.~~	~~PACKAGE UNIT~~	~~30A/3P~~	~~BY DIV. 15~~
AC B	POD B-ROOF MOUNTED AC UNIT	60A	460/3	SEE FLOOR PLAN	3#2 1#8G	EXIST.	PACKAGE UNIT	100A/3P	BY DIV. 15
AC C	POD C-ROOF MOUNTED AC UNIT	42A			3#4 1#10G			60A/3P	
~~AC D-1~~	~~POD D-ROOF MOUNTED AC UNIT~~	~~20 TONS~~	~~460/3~~	~~SEE FLOOR PLAN~~	~~3#4 1#8G~~	~~EXIST.~~	~~PACKAGE UNIT~~	~~100A/3P~~	~~BY DIV. 15~~
~~AC E-1~~	~~POD E-ROOF MOUNTED AC UNIT~~	~~20 TONS~~						~~100A/3P~~	
~~AC F-1~~	~~POD F-ROOF MOUNTED AC UNIT~~	~~20 TONS~~						~~100A/3P~~	
~~AC G-1~~	~~POD G-ROOF MOUNTED AC UNIT~~	~~20 TONS~~						~~100A/3P~~	
AC H	POD H-ROOF MOUNTED AC UNIT	69A	460/3	SEE FLOOR PLAN	3#2 1#8G	EXIST.	PACKAGE UNIT	100A/3P	BY DIV. 15
~~AC I-1~~	~~POD I-ROOF MOUNTED AC UNIT~~	~~20 TONS~~	~~460/3~~	~~SEE FLOOR PLAN~~	~~3#4 1#8G~~	~~EXIST.~~	~~PACKAGE UNIT~~	~~100A/3P~~	~~BY DIV. 15~~
AC J	POD J-ROOF MOUNTED AC UNIT	73A	460/3	SEE FLOOR PLAN	3#2 1#6G	EXIST.	PACKAGE UNIT	100A/3P	BY DIV. 15
~~AC K-1~~	~~POD K-ROOF MOUNTED AC UNIT~~	~~12-1/2 TONS~~	~~460/3~~	~~SEE FLOOR PLAN~~	~~3#8 1#10G~~	~~EXIST.~~	~~PACKAGE UNIT~~	~~30A/3P~~	~~BY DIV. 15~~
AC L	POD L-ROOF MOUNTED AC UNIT	60A	460/3	SEE FLOOR PLAN	3#2 1#8G	EXIST.	PACKAGE UNIT	100A/3P	BY DIV. 15
AC M	POD M-ROOF MOUNTED AC UNIT	44A			3#4 1#10G			60A/3P	
AC N-1	POD N-ROOF MOUNTED AC UNIT	64A			3#2 1#8G			100A/3P	
AC N-2	POD N-ROOF MOUNTED AC UNIT	64A						100A/3P	
~~AC O-1~~	~~POD O-ROOF MOUNTED AC UNIT~~	~~10 TONS~~	~~460/3~~	~~SEE FLOOR PLAN~~	~~3#10 1#10G~~	~~EXIST.~~	~~PACKAGE UNIT~~	~~30A/3P~~	~~BY DIV. 15~~
~~AC P-1~~	~~POD P-ROOF MOUNTED AC UNIT~~	~~10 TONS~~						~~30A/3P~~	
B A-1	POD A BOILER		120/1	SEE FLOOR PLAN	2#10 1#10G	3/4"C			BY DIV. 15
PH A-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B B-1	POD B BOILER								
PH B-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B C-1	POD C BOILER								
PH C-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B D-1	POD D BOILER								
PH D-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B E-1	POD E BOILER								
PH E-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B F-1	POD F BOILER								
PH F-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B G-1	POD G BOILER								
PH G-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B H-1	POD H BOILER								
PH H-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B I-1	POD I BOILER								
PH I-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B J-1	POD J BOILER								
PH J-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B K-1	POD K BOILER								
PH K-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B L-1	POD L BOILER								
PH L-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B M-1	POD M BOILER								
PH M-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B N-2	POD N BOILER								
PH N-2	POD N CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		
B O-1	POD O BOILER								
PH O-1	CIRCULATING PUMP	½ HP					MANUAL STARTER W/ THERMAL OVERLOAD		

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER'S CAT. NO.	LAMPS	VOLT (SEE NOTE #4)	MOUNTING
A	2'X4', 3 LAMP FLUORESCENT RECESSED LAY-IN FLAT, PRISMATIC ACRYLIC LENS, STEEL HINGE AND LATCH FLAT DOOR, T8 LAMP, ELECTRONIC BALLAST	LITHONIA #2SPG332A12 277 GEB COLUMBIA OR DAYBRITE	3-F032/35	277	RECESSED
A1	2'X4', 3 LAMP FLUORESCENT RECESSED LAY-IN 3" DEEP CELL PARABOLIC TROFFER LOW IRIDESCENT ANODIZED DIFFUSE SILVER, HINGE AND LATCH, 27 CELLS, T8 LAMP ELECTRONIC BALLAST.	LITHONIA PMO-G-332 27 LD-227-GEB COLUMBIA OR DAYBRITE	3-F032/35	277	RECESSED
A2	SIMILAR TO FIXTURE TYPE "A" EXCEPT WITH EMERGENCY BALLAST	LITHONIA #2SPG332A12 277 GEB-EL COLUMBIA OR DAYBRITE	3-F032/35	277	RECESSED
A3	SIMILAR TO FIXTURE TYPE "A1" EXCEPT WITH EMERG. BALLAST	LITHONIA # PMO-G-332 27 LD-277-GEB-EL COLUMBIA OR DAYBRITE	3-F032/35	277	RECESSED
A4	SAME AS TYPE "A" EXCEPT WITH 4 LAMPS	LITHONIA #2SPG432A12- 277 GEB COLUMBIA OR DAYBRITE	3-F032/35	277	RECESSED
A5	SAME AS TYPE "A4" EXCEPT WITH EMERGENCY BALLAST	LITHONIA #2SPG432A12- 277 GEB COLUMBIA OR DAYBRITE	3-F032/35	277	RECESSED
B	2'X2', 3 LAMP FLUORESCENT RECESSED LAY-IN FLAT PRISMATIC ACRYLIC LENS, STEEL HINGE AND LATCH FLAT DOOR, T8 LAMP, ELECTRONIC BALLAST	LITHONIA #2SPG317A12 277-GEB COLUMBIA OR DAYBRITE	3-F017/35	277	RECESSED
B1	SIMILAR TO FIXTURE TYPE "B" EXCEPT WITH EMERG. BALLAST	LITHONIA #2SPG317A12 277-GEB-EL COLUMBIA OR DAYBRITE	3-F017/35	277	RECESSED
C	30"ø ROUND FLOUR. LIGHT FIXTURE WITH OPAL ACRYLIC LENS, 20 GAUGE STEEL HOUSING AND INTEGRAL MULTI-LAMP ELECT. BALLAST.	SPI LIGHTING 11C1018	8F40DM	277	SURFACE
C1	SIMILAR TYPE "C" EXCEPT 16" IN DIAMETER.	SPI LIGHTING #11C1002	2F36	277	SURFACE
C2	SIMILAR TYPE "C" EXCEPT WITH 6 LAMPS	SPI LIGHTING #11C1018	6F40DM	277	SURFACE
D	8"X48" FLOUR. FIXTURE WITH HIGH IMPACT EXTRUDED CLEAR ACRYLIC LENS AND MARINE GRADE ALUMINUM HOUSING, USED FOR ROUGH SERVICE ENVIRONMENTS, WITH ELECT. BALLAST. SHADED SYMBOL ON LIGHTING PLANS INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.	KENALL "MILLENIUM STRETCH" MLRS8-48-R-MW-CIA-2-32-EB(EL) DUALITE	2-F32T8	277	SURFACE
E	STENCIL TYPE SURFACE MOUNTED SINGLE FACE LIGHT EMITTING DEVICE EXIT SIGN, SELF CONTAINED WITH ARROWS	LITHONIA #LE-S-1-G-EM EMERGI-LITE OR DUALITE	SUPPLIED WITH UNIT	277	UNIVERSAL MOUNT
EL	SELF-ILLUMUNATED LOW LEVEL EXIT SIGN 7"X13"X1/8"D, DARK GREEN LETTER WITH GREEN ILLUMINATING BACKGROUND	ACTIVE SAFETY SERIES #15.000 OR EVENLITE ISOLITE	NONE	NONE	SURFACE
EM	SELF CONTAINED DUAL HEAD EMERGENCY LIGHT, VANDAL RESISTANT PULSE PLUS DIAGNOSTIC	LITHONIA ELM2 WITH ELA VS2 EMERGILITE #PRO-2VR-PPD DUALITE	SUPPLIED WITH UNIT	277	WALL MTD
G	12"X48" FLOUR. FIXTURE WITH HIGH IMPACT EXTRUDED CLEAR ACRYLIC LENS AND MARINE GRADE ALUMINUM HOUSING, USED FOR ROUGH SERVICE ENVIRONMENTS, WITH ELECT. BALLAST. SHADED SYMBOL ON LIGHTING PLANS INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.	KENALL "MILLENIUM STRETCH" MLRS12-48-F-MW-CIA-2-32-EB(EL)	2-F32T8	277	SURFACE
H	12"X96" FLOUR. FIXTURE WITH HIGH IMPACT EXTRUDED CLEAR ACRYLIC LENS AND MARINE GRADE ALUMINUM HOUSING, USED FOR ROUGH SERVICE ENVIRONMENTS, WITH ELECT. BALLAST. SHADED SYMBOL ON LIGHTING PLANS INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.	KENALL "MILLENIUM STRETCH" MLRS12-96-F-MW-CIA-6-32-EB(EL)	2-F32T8	277	SURFACE
I	4' LONG FLOUR. COMP. FLOUR. FIXTURE WITH PRISMATIC ACRYLIC LENS AND ELECT. BALLAST.	LITHONIA CA-1-32	1-F32T8	277	SURFACE
J	13" DIA. ROUND COMP. FLOUR. FIXTURE WITH HIGH IMPACT POLYCARBONATE LENS, MARINE GRADE DIE-CAST ALUMINUM HOUSING, AND ELECT. BALLAST. SHADED SYMBOL ON LIGHTING PLANS INDICATES ON LIGHTING PLANS INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.	KENALL "MILLENIUM" MR13FL-P-MW-32-1-(EL)	1-32WCF	277	SURFACE
K	8' LONG INDIRECT WALL BRACKET LIGHT FIXTURE WITH DIMMING BALLAST.	METALUMEN C7D-A-8-P-7-W-4-B	1-F32T8/4' SPAN	277	SURFACE
K1	SIMILAR TO TYPE "K" EXCEPT 4' LONG	METALUMEN C7D-A-4-P-7-W-4-B	1-F32T8	277	SURFACE
L	2'X4' SURFACE MTD. INDIRECT LIGHT FIXTURE. BALLAST.	ZUMTOBEL RC2AS4-(2)	2-F32T8	277	SURFACE

* HPF DENOTES HIGH POWER FACTOR

NOTE:

1. COORDINATE NUMBER OF BALLAST WITH SWITCHING CONFIGURATION PRIOR SUBMITTING SHOP DRAWINGS.
2. COORDINATE CEILING TYPE WITH ARCHITECTURAL DRAWINGS.
3. ALL FIXTURE FINISHES SHALL BE APPROVED OR SELECTED BY ARCHITECT PRIOR TO PROCUREMENT.
4. ALL FIXTURES TO BE CONNECTED TO (E) CIRCUIT SHALL HAVE THE BALLAST VOLTAGE COORDINATED IN THE FIELD PRIOR TO FIXTURE PROCUREMENT.

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APPROVED
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AC ___ FLS ___ SS ___
APPL NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

LIGHTING FIXTURE AND MECH. EQUIP SCHEDULES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: CHECKED BY:

E0.2

JOB NO: 99041B OF SHEETS

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "IR"

LOCATION POD I - ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) RECEP				20	1		2	20				(E) RECEP
					3		4					
					5		6					
(E) EM LTG					7		8					AC CONT. PNL. POD H
					9		10					AC CONT. PNL. POD J
(E) OSL CONT.					11		12					(E) RECEP
(E) RECEP					13		14	60	5300			(N) PANEL "IR1" *
(N) ROOF RECEP		360			15		16			3900		
SPARE					17		18	3			2100	
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB 360 KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 3
WIRE 4
AIC 10,000

(N) PANEL "IR1"

LOCATION POD I - ELEC. RM
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE BOLT-ON
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
ELEC. WATER HTR	1350			20	1		2	20	1200			(N) RECEPT. - POD 'I'
(N) RECEPT. - POD 'I'		1200			3		4			800		
			1200		5		6				800	
	1200				7		8		800			
		800			9		10			1000		(N) RECEPT. - POD 'H'
			1200		11		12				600	
ELEC. WATER HTR	1350				13		14		600			
PH-H1		1400			15		16			600		
B-H1 CONTROL			100		17		18				800	
PH-I1	1400				19		20		1200			
B-I1 CONTROL		100			21		22			800		
(N) RECEPT.			800		23		24				600	
SPARE					25		26		600			
					27		28			1000		
					29		30				600	
					31		32					SPARE
					33		34					
					35		36					
					37		38		200			T.V.S.S.
					39		40			200		
					41		42				200	
SUB-TOTALS:	5300	3500	3300						4600	4400	3600	

TOTALS: ØA 9.9 KW ØB 8.9 KW ØC 6.9 KW
TOTAL LOADS: 24.7 KW CONNECTED AMPS: 68.56 A

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(R) PANEL "J2"

LOCATION POD J - MEZZANINE
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) EM LTG - S				20	1		2	20				(E) EM LTG - N
COMP. LAB -S					3		4			1200		(N) RECEP - CR9,10 *
					5		6				900	(N) RECEP - CR 7,8 *
LASER PRINTER					7		8		900			(N) RECEP - CR 6,7 *
COMP. LAB -MIDDLE					9		10			1350		(N) ELEC. WATER HTR *
					11		12				360	(N) ROOF RECEP *
COMP. TABLE - S					13		14		1400			(N) PH-J1 *
					15		16			100		(N) B-J1 CONTROL *
					17		18				1400	(N) PH-D1 *
COMP. TABLE - N					19		20		100			(N) B-D1 CONTROL *
					21		22			1400		(N) PH-E1 *
HALLWAY RECEP-E					23		24				100	(N) B-E1 CONTROL *
* (N) RECEPT. - 'J14'	1200				25		26		1200			(N) RECEPT. - 'J14' *
*		1200			27		28			1200		*
*			1200		29		30				1200	*
*	1200				31		32		400			*
*		1200			33		34					SPARE *
*			1200		35		36					*
*	1200				37		38	20	200			T.V.S.S.
(N) WHEELCHAIR LIFT		2400		30	39		40			200		
			2400	2	41		42	3			200	
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "LR1"

LOCATION POD M - STORAGE
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE
MTG ☒FLUSH ☐SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) CIRCUIT				20	1		2	20				(E) CIRCUIT
					3		4					
					5		6	3				
					7		8	20				
					9		10					
					11		12	3				
* (N) EF-L1	400			20	13		14					SPACE
SPACE					15		16					
SPACE					17		18					
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "DR"

LOCATION POD D - ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 225A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) RECEP				20	1		2	20				(E) RECEP
					3		4					
					5		6					
					7		8					
					9		10					
					11		12					
					13		14		1200			(N) RECEP-CR5,4
(E) EM LTG & EXIT LT					15		16			900		(N) RECEP-CR3,2
(E) CIRCUIT					17		18				900	(N) RECEP-CR1
(E) EM LTG					19		20					(E) RECEP
(E) WATER HTR				30	21		22					(E) CIRCUIT
				2	23		24					(E) RECEP
(E) RECEP				20	25		26	60				(E) PNL "J2"
(N) ELEC. WATER HTR			1500		27		28					
(E) CLOCK BOOSTER					29		30	3				
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "FR"

LOCATION POD F - ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 225A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) IRRIG. CONT.				20	1		2	20				(E) RECEP
(E) RECEP					3		4					
					5		6					
					7		8					
					9		10					
					11		12					
					13		14					
					15		16					
(E) CIRCUIT					17		18					
(E) EXH.FANS					19		20					
(E) EM LTG UNIT, EXIT					21		22					
(E) AC UNIT TIMECLOCK					23		24					
(E) AC UNIT TIMECLOCK					25		26					
(E) WATER HTR				20	27		28					(E) EXST. LTG CONT.
				2	29		30					(E) RECEP
(E) RECEP				20	31		32	100	5490			(N) PANEL "FR1" *
SPACE				-	33		34			5590		
(E) EM LTG - POD F				20	35		36	3			7040	
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 3
WIRE 4
AIC 10,000

(N) PANEL "FR1"

LOCATION POD F - ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE BOLT-ON
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
RECEP-CR11,14,15	1200			20	1		2	20	360			RECEP - LAB TABLE
RECEP-CR 12,13		1200			3		4			360		
HAND DRYER - BOYS			1350		5		6				360	
- GIRLS	1350				7		8		360			
- MEN		1350			9		10			360		
- WOMEN			1350		11		12				360	
PH-G1	1400				13		14		360			
B-G1 CONTROL		100			15		16			360		
PH-F1			1400		17		18				360	
B-F1 CONTROL	100				19		20		360			
EF-G2, EF-G3		800			21		22			360		
EF-F4, EF-F5			650		23		24				360	
(N) RECEPT.	1200				25		26		1200			(N) RECEPT.
		800			27		28			1200		
			800		29		30				1200	
	1200				31		32		800			
		800			33		34					EF/F1,F2 & F3
			1200		35		36					SPARE
SUB-TOTALS:	6450	5050	6750						3440	2640	2640	

TOTALS: ØA 9.89 KW ØB 7.69 KW ØC 9.39 KW
TOTAL LOADS: 26.97 KW CONNECTED AMPS: 74.92

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "AR"

LOCATION POD A - WORK RM
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 100A
BUSSING 100A
TYPE
MTG ☒FLUSH ☐SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) CIRCUIT				20	1		2	20				(E) CIRCUIT
					3		4					
					5		6					
					7		8		900			(N) EF-A1/(E) MASTER CLOCK
					9		10			100		(N) B-A1 CONTROL/AC CONTROL
(N) PH-A1			1400		11		12					~~(E) SIGN LTG.~~
(E) CIRCUIT					13		14	40				SPARE
					15		16	2				
					17		18	20			400	(N) FLOOR RECEPT. *
* ~~(N) ROOF RECEP~~	~~180~~			20	19		20	20	400			*
* (N) FLOOR RECEPT.		400		20	21		22	20		400		*
*			400	20	23		24	30				(E) WATER HEATER
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "BR"

LOCATION POD B - ELEC. RM
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 100A
BUSSING 100A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) CIRCUIT				20	1		2	20	100			(N) B-B1 CONTROL
					3		4			180		(N) ROOF RECEP
					5		6				1400	(N) PH-B1 *
(N) RECEP	800				7		8		82			EF/B1 & B2
(N) ELEC. WATER HTR		1350			9		10			800		(N) RECEPT.
(N) RECEP/(E) DESK LTG.			800		11		12				1200	(N) RECEPT.
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 1
WIRE 3
AIC

(E) PANEL "CR1"

LOCATION POD-C PLANETARIUM
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 100A
BUSSING 100A
TYPE
MTG ☒FLUSH ☐SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6				1200	(N) COMP. RECEP
(E) IN-USE SIGN					7		8		1350			(N) ELEC. HAND DRYER
SPARE					9		10			1350		
(E) TABLE EQUIP.					11		12					(E) RECEP
					13		14		708			EF/K1
(E) LTG					15		16			708		EF/K2
(N) RECEPT. - K4			400		17		18				500	(E) LTG
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "CR"

LOCATION POD C - ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS			BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS			DESCRIPTION
	ØA	ØB	ØC						ØA	ØB	ØC	
(E) RECEP				20	1		2	20				(E) RECEP
					3		4					
** (N) EF-C1			1114	30	5		6					
(E) EM LTG & EXIT LT				20	7		8					
(E) LTG					9		10					
					11		12				100	(N) B-C1 CONTROL
(E) CLOCK CONT.&N.C.					13		14		100			(N) B-K1 CONTROL
(E) REFRIG					15		16					(E) KILN - K
(E) LTG - OFFICE					17		18					
(E) KILN - K					19		20					(E) ITC
* (N) PH-C1		1400		20	21		22	100				(E) PNL "AR"
(E) EXIST. LTG				20	23		24					
(E) N.L.					25		26	3				
~~(E) WATER HTR - C~~					27		28	100				(E) PNL "CR1"
RECEPT.			200	20	29		30	2				
(E) WATER HTR - K				50	31		32	30				(E) DRYER
				2	33		34	2				
* (N) RECEP - ROOF			360	20	35		36	20			1400	(N) PH-K1 *
SUB-TOTALS:												

TOTALS: ØA ____ KW ØB ____ KW ØC ____ KW
TOTAL LOADS: ____ KW CONNECTED AMPS: ____

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).
** PROVIDE AND INSTALL (N) 30A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

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- ☐ IL KWON CHA AIA
- ■ LEE KARNEY AIA
- ☐ FRANZ STEINER AIA
- ☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 STATE OF CALIFORNIA

ARCHITECT'S STAMP

ANTONIO C. JAKOSALE No E15401 EXP 06-30-05 ELECTRICAL

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL NO. 01-108X36 DATE 11/17/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

PANELBOARD SCHEDULES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E0.3

JOB NO: 99041B OF SHEETS

VOLTS 120/208
PHASE 3
WIRE 4
AIC 10,000

(E) PANEL "DR1"

LOCATION POD "D" – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☒NO
MAIN 100A
BUSSING 225A
TYPE BOLT–ON
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(N) RECEPT. – POD "D"	1200			20	1		2	20	1200			(N) RECEPT. – "J2"
		1200			3		4			800		
			1200		5		6				800	↓
↓	800				7		8		1200			(N) RECEPT. – POD "D"
(N) RECEPT. – POD "E"		1200			9		10			800		
			1200		11		12				800	
	800				13		14		800			
		800			15		16			1200		
			800		17		18				800	↓
	800				19		20		1600			(N) RECEPT. – "J2"
		800			21		22			1200		
			800		23		24				800	
	800				25		26		800			
		800			27		28			800		
↓			800		29		30				800	
EF D–1, EF D–2	120				31		32		1200			
EF/E1 & E2		142			33		34			800		
					35		36				800	
					37		38		800			
					39		40			1200		
↓				↓	41		42	↓			800	↓
SUB–TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

VOLTS 120/208
PHASE 3
WIRE 4
AIC 10,000

PANEL "MR2"

LOCATION COMPUTER LAB L8
ISOLATED GROUND BUS ☐YES ☒NO
MAIN 60A
BUSSING 100A
TYPE BOLT–ON
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(N) RECEPT.	1200			20	1		2	20	800			(N) RECEPT.
		800			3		4			800		
			1600		5		6				1200	
↓	1200				7		8		800			↓
EF/L–2		528			9		10					SPARE
					11		12					
					13		14					
					15		16					
					17		18	↓				↓
					19		20	20	200			T.V.S.S.
					21		22			200		
↓				↓	23		24	3			200	↓
SUB–TOTALS:	2400	800	1600						1800	1000	1400	

TOTALS: ØA 4.2 KW ØB 1.8 KW ØC 3.0 KW
TOTAL LOADS: 9.0 KW CONNECTED AMPS: 24.98 A

VOLTS 120/208
PHASE 3
WIRE 4
AIC ________

(E) PANEL "OR"

LOCATION BOY'S LOCKER RM
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 225A
TYPE ________
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) RECEP				20	1		2	20				(E) EM & EXIT LTG
					3		4					(E) RECEP
					5		6					(E) BOILER CONTROL
					7		8					(E) CIRCUIT
					9		10					(E) EM LTG
↓				↓	11		12	↓				↓
(N) PANEL "OR1"	2220			60	13		14	30				(E) DIMMER CONTROL
		1500			15		16	30				
			1500	3	17		18	20				
(E) LTG				30	19		20	30				
				30	21		22	20				
				20	23		24					↓
					25		26		400			ASSIST LISTEN SYST.
↓					27		28					SPARE
(E) SCORD BOARD					29		30	↓				(E) LTG
SPARE					31		32	20				(E) CIRC. PUMP
(E) REC – KITCHEN					33		34					
↓				↓	35		36	3				
SUB–TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

VOLTS 120/208
PHASE 3
WIRE 4
AIC 10,000

(N) PANEL "OR1"

LOCATION POD O – STORE
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE BOLT–ON
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
PH–P1	1400			20	1		2	30	2400			(N) WHEELCHAIR LIFT
B–P1 CONTROL		100			3		4	2		2400		↓
PH–01			1400		5		6	20				EF 0–2
B–01 CONTROL	100				7		8	20				SPARE
PH–N1		1400			9		10	20				
B–N1 CONTROL			100		11		12	20				
ROOF RECEP	720				13		14	20				
HEARING DEVICE		100			15		16	20				
SPARE				↓	17		18	20				↓
SPACE				–	19		20	–				SPACE
				–	21		22	–				
↓				–	23		24	–				↓
SUB–TOTALS:	2220	1600	1500						3302	3302	902	

TOTALS: ØA 2220 KW ØB 1600 KW ØC 1500 KW
TOTAL LOADS: 5320 KW CONNECTED AMPS: 14.6

VOLTS 120/208
PHASE 3
WIRE 4
AIC ________

(E) PANEL "MR1"

LOCATION POD M – STORAGE
ISOLATED GROUND BUS ☐YES ☐NO
MAIN MLO
BUSSING 100A
TYPE ________
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) CIRCUIT				20	1		2	20				(E) CIRCUIT
					3		4					
					5		6					
					7		8					
↓					9		10					
SPARE					11		12					
(N) PH–L1	1400				13		14					
(N) B–L1 CONTROL		100			15		16					
(E) CIRCUIT					17		18					
					19		20					
					21		22					
					23		24					
↓				↓	25		26					
CLOTH DRYER				30	27		28	↓				↓
↓				2	29		30	20			360	(N) ROOF RECEP *
(E) CIRCUIT				20	31		32	30	1114			(N) EF–M1 * *
					33		34	20		1400		(N) PH–M1 *
↓				↓	35		36	20			100	(N) B–M1 CONTROL *
SUB–TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) 20A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).
* * PROVIDE AND INSTALL (N) 30A/1P C.B. (N) C.B. TYPE AND AIC SHALL MATCH (E).

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- ☐ IL KWON CHA AIA
- ■ LEE KARNEY AIA
- ☐ FRANZ STEINER AIA
- ☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP. 12/31/99

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM No E15401

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO–FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL. NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ____ FLS ____ SS ____
DATE ________

AUTHORITY APPROVAL

PANELBOARD SCHEDULES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E0.4

JOB NO: 99041B OF SHEETS

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "IL"

LOCATION POD I – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 400A
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					
					7		8					
					9		10					
					11		12					
					13		14					
					15		16					
– EXTERIOR					17		18					SPARE
– N.L.					19		20					SPACE
SPARE					21		22					–
					23		24					–
SPARE				30/3	25		26	20/3				SPARE
SPARE				30/3	27		28	40/3				(E) PANEL "IR"/ TRANSFORMER
* (N) AC-H1	21052	21052	21052	80/3	29		30	20/3				SPARE
* (E) AC-I1				70/3	31		32					SPACE
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "ML"

LOCATION POD M – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 400A
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					
					7		8					
SPARE					9		10					SPARE
					11		12					
(E) DUST COLLECTOR				20/3	13		14	20/3				SPARE
SPARE				20/3	15		16	20/3				SPARE
SPARE				20/3	17		20	20/3				SPARE
SPACE				20/3			18	175/3				(E) PANEL "MR"
* (N) AC-L1	13573	13573	13573	70/3	19		22	100/3				SPARE
* (N) AC-M1	6703	6703	6703	50/3	21		24					SPACE
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "OL"

LOCATION BOYS LOCKER–ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 400A
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					
					7		8					
					9		10					
– EXTERIOR					11		12					
– N.L.					13		14					
SPARE					15		16					
					17		18					
SPARE				30/3	19		20	30/3				SPARE
SPARE				40/3	21		22	20/3	720	720	720	(N) EF-P1
(N) EF-01	902	902	902	20/3	23		24	20/3				SPARE
* (N) AC-N1	21052	21052	21052	80/3	25		26	80/3	6703	6703	6703	(N) AC-02 *
* (N) AC-N2	21052	21052	21052	80/3	27		28	80/3	6703	6703	6703	(N) AC-01 *
(E) PANEL "OR"				70/3	29		30					SPACE
SPACE					31		32					SPACE
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "DL"

LOCATION POD D – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 400A
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					
					7		8					
					9		10					
					11		12					
					13		14					
					15		16					
					17		18					
					19		20					
					21		22					
					23		24					SPARE
SPARE					25		26					
					27		28					
SPARE				20/3	29		30	30/3				TRANSFORMER
SPARE				30/3	31		32	30/3				SPARE
SPARE				30/3	33		34	70/3				(E) AC-D1 *
SPARE				30/3	35		36	20/3				SPARE
* (N) AC-J1	24930	24930	24930	90/3	37		38	20/3				SPARE
SPACE – –					39		40	20/3				SPARE
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "FL"

LOCATION POD F – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 400A
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					
					7		8					
					9		10					
					11		12					
					13		14					SPARE
					15		16					
– EXTERIOR					17		18					SPACE
– N.L.					19		20					
SPARE					21		22					
					23		24					
SPARE				30/3	25		26	20/3	1274	1274	1274	(N) EF-G1
* (E) AC-F1				70/3	27		28	30/3				SPARE
SPARE				20/3	29		30	70/3				(E) AC-G1 *
SPARE				20/3	31		32	70/3				TRANSFORMER/ (E) PANEL "FR"
SPACE – –					33		34					SPACE – –
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "AL"

LOCATION POD A – PUBLICATION RM
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 125A
BUSSING 225A
TYPE
MTG ☒FLUSH ☐SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					SPARE
					7		8					
– EXTERIOR					9		10					SPACE
SPARE					11		12					
SPARE				20/3	13		14	20/3				SPARE
* (E) AC-A1				40/3	15		16	20/3				SPARE
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 277/480
PHASE 3
WIRE 4
AIC

(E) PANEL "BL"

LOCATION POD B – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 150A
BUSSING 225A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					SPARE
SPARE					7		8					
SPACE					9		10	60/3				AC PORTABLES RM 1&2, 3&4
–					11							
* (N) AC-B1	13573	13573	13573	70/3	13		14	60/3				SPARE
(E) PANEL "BR"				30/3	15		16	60/3				SPARE
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

VOLTS 120/208
PHASE 3
WIRE 4
AIC

(E) PANEL "CL"

LOCATION POD C – ELEC. CLOSET
ISOLATED GROUND BUS ☐YES ☐NO
MAIN 400A
BUSSING 400A
TYPE
MTG ☐FLUSH ☒SURFACE

DESCRIPTION	WATTS ØA	WATTS ØB	WATTS ØC	BKR	CKT NO.	BUS CONN	CKT NO.	BKR	WATTS ØA	WATTS ØB	WATTS ØC	DESCRIPTION
(E) LTG				20	1		2	20				(E) LTG
					3		4					
					5		6					
					7		8					
					9		10					SPARE
					11		12					
					13		14					
					15		16					
SPARE					17		18					
(E) CIRCUIT				20/3	19		20	20/3				(E) CIRCUIT
SPARE				20/3	21		22	20/3				SPARE
(E) AC-K1				40/3	23		24	50/3	5734	5734	5734	(N) AC-C1 *
(E) PANEL "CR"				150/3	25		26	125/3				(E) PANEL "AL"
SUB-TOTALS:												

TOTALS: ØA ________KW ØB ________KW ØC ________KW
TOTAL LOADS: ________KW CONNECTED AMPS: ________

* PROVIDE AND INSTALL (N) C.B. AS SHOWN. (N) C.B. TYPE AND AIC SHALL MATCH (E).

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99038/9038E0.5/11-11-03\AMA

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C 3158
EXP: 12/31/

ARCHITECT'S STAMP

No. E15401

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS
APP NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC____ FLS____ SS____
DATE

AUTHORITY APPROVAL

PANELBOARD SCHEDULES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

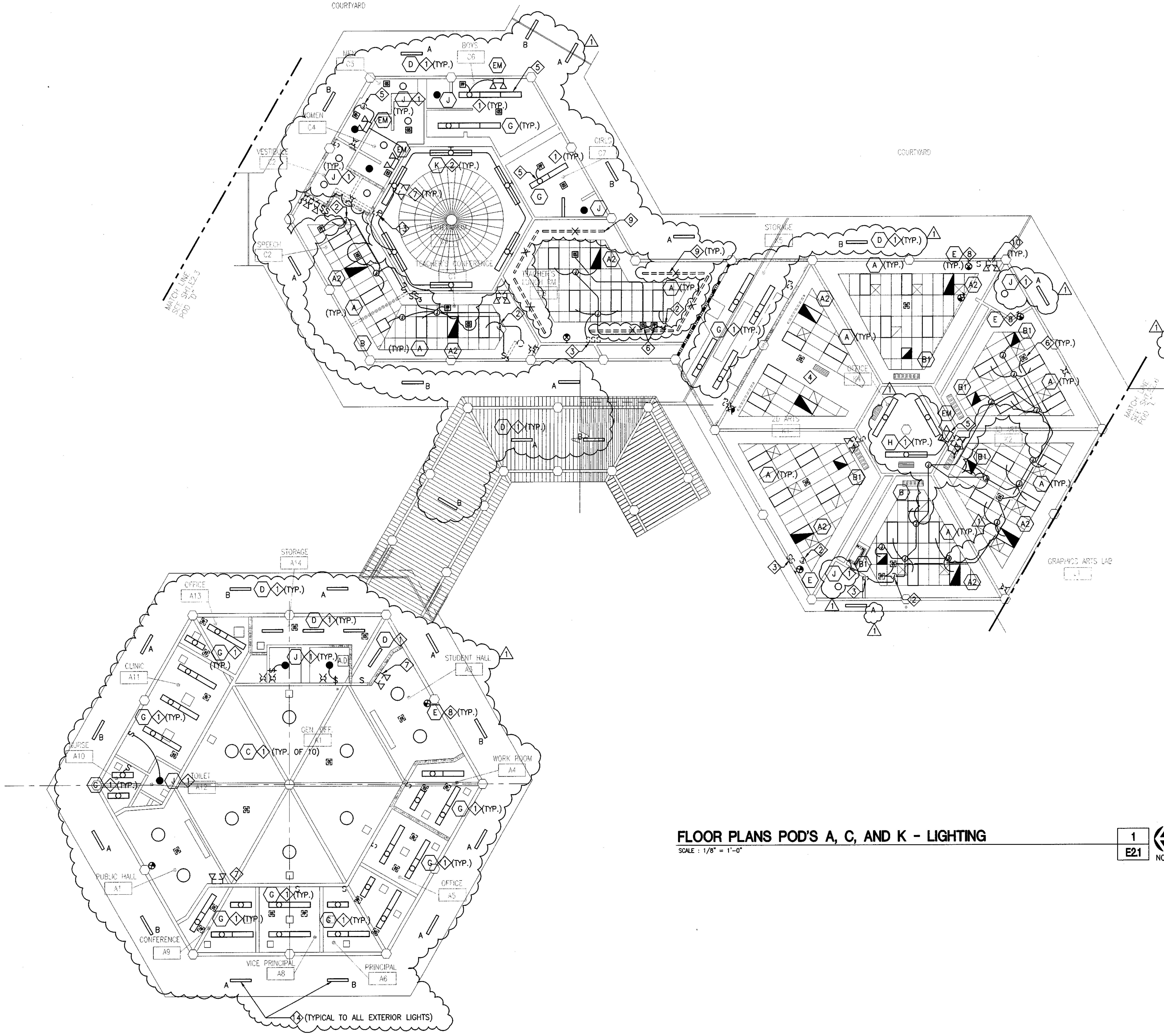
DRAWN BY: CHECKED BY:

E0.5

JOB NO: 99041B OF SHEETS

SHEET NOTES

- ⟨1⟩ REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N. △1
- ⟨2⟩ CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J-BOX IN FIELD.
- ⟨3⟩ (E) BY-PASS SWITCH TO REMAIN. RECONNECT AS REQUIRED.
- ⟨4⟩ FOR SIMILAR WIRING CONFIGURATION, SEE CLASSROOM K-3.
- ⟨5⟩ CONNECT (N) EMERGENCY LIGHTING FIXTURE SHOWN TO (E) UNSWITCHED LEG OF (E) LIGHTING CIRCUIT. VERIFY IN FIELD.
- ⟨6⟩ REUSE (E) OCCUPANCY SENSOR AND POWER PACK. RECONNECT AS REQUIRED.
- ⟨7⟩ (E) EMERGENCY LIGHTING UNIT TO REMAIN.
- ⟨8⟩ CONNECT (N) EXIT LIGHT TO THE NEAREST (E) 277V LIGHTING CIRCUIT.
- ⟨9⟩ (E) LIGHT TRACK TO BE REMOVED. △1
- ⟨10⟩ REMOVE (E) EMERGENCY LIGHTING UNIT.
- ⟨11⟩ REMOVE ALL (E) EXIT SIGNS AND UNUSED WIRING.
- ⟨12⟩ PROVIDE (N) OCCUPANCY SENSOR AND POWER PACK TO CONTROL (N) LIGHTING AS SHOWN. (N) OCCUPANCY SENSOR AND POWER PACK SHALL MATCH EXISTING.
- ⟨13⟩ ON-OFF DIMMER SWITCH FOR FIXTURE TYPE "K". PROVIDE COMPATIBLE DIMMING BALLAST. DIMMER SHALL BE SIZED PER LOAD WITH A CAPABILITY TO DIM AT 10% MINIMUM BEFORE OFF. DIMMER SWITCH SHALL BE AS MANUFACTURED BY LUTRON OR APPROVED EQUAL.
- ⟨14⟩ REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS. △1



FLOOR PLANS POD'S A, C, AND K - LIGHTING

SCALE : 1/8" = 1'-0"

1/E2.1 NORTH

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LEE KARNEY C 3158 EXP: 12/31/03

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM No E15401 EXP. 06-30-05

CONSULTANT'S STAMP

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1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS ____
APPL NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

AC ____ FLS ____ SS ____
DATE ____

AUTHORITY APPROVAL

FLOOR PLANS POD'S"A","C" & "K" - LIGHTING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: CHECKED BY:

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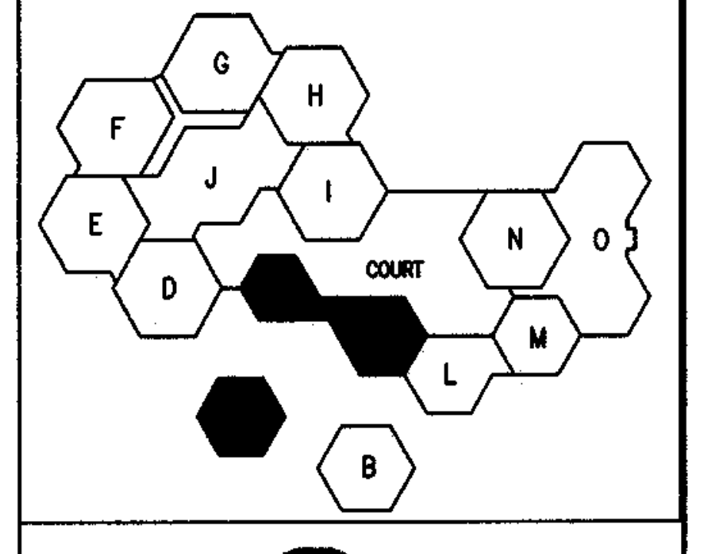
JOB NO: 99041B OF SHEETS



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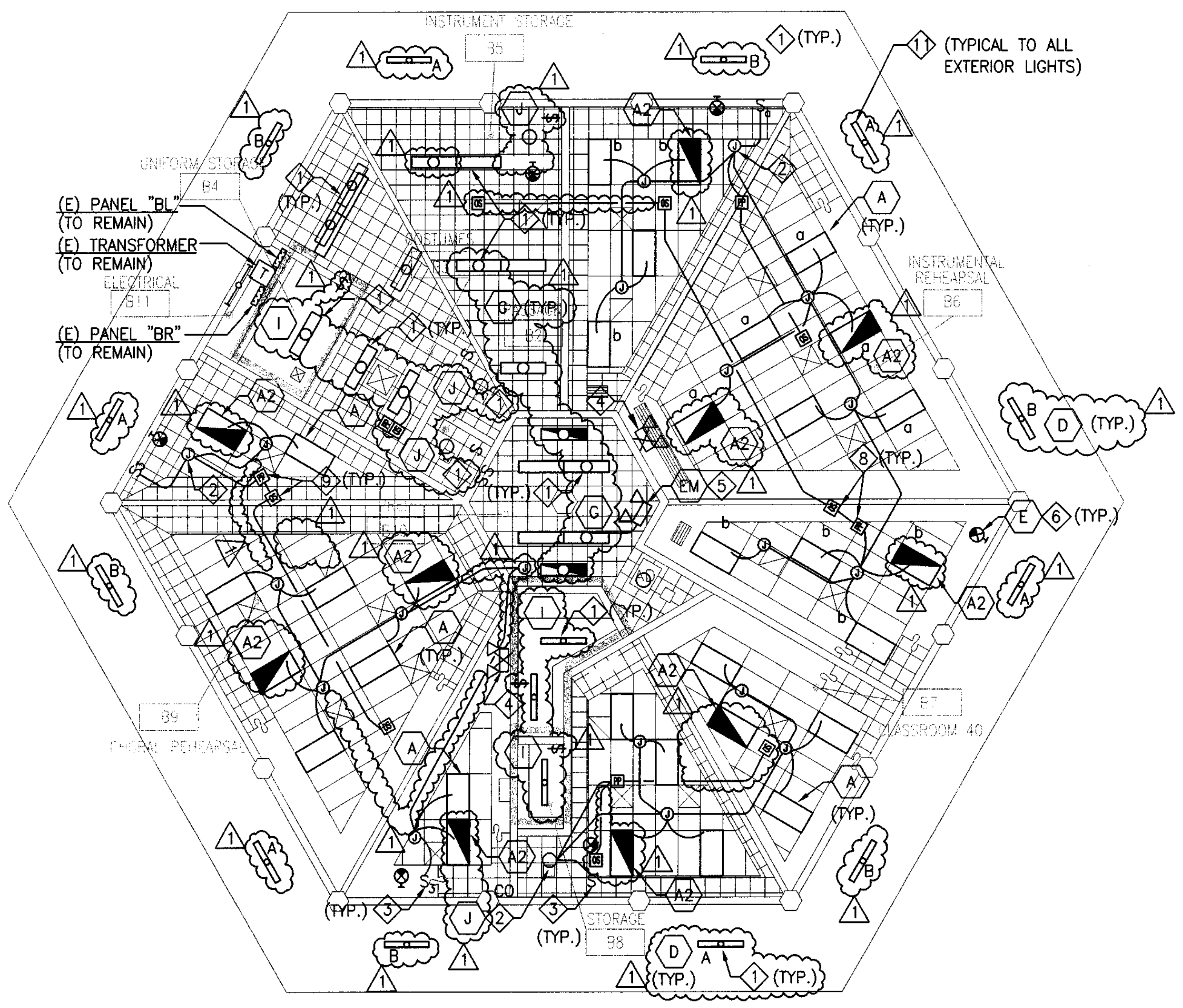
99038/9038E2.1R/11-10-03/NBF/EAP/VLV/VCA

SHEET NOTES

1. REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N. △1
2. CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J–BOX IN FIELD.
3. (E) BY–PASS SWITCH TO REMAIN RECONNECT FOR (N) LIGHTING CONTROLS AS REQUIRED. AS SHOWN.
4. REMOVE (E) EMERGENCY LIGHTING UNIT.
5. CONNECT (N) EMERGENCY LIGHTING UNIT SHOWN TO (E) UNSWITCHED LEG OF (E) LIGHTING CIRCUIT.
6. CONNECT (N) EXIT SIGN, TO THE NEAREST (E) 277V LIGHTING CIRCUIT.
7. REMOVE ALL (E) EXIT SIGNS.
8. PROVIDE AND INSTALL (N) ~~OCCUPANCY SENSOR AND POWER PACK TO CONTROL (N) LIGHTING AS SHOWN.~~ △1
9. ~~REMOVE (E) OCCUPANCY SENSOR AND POWER PACK~~ AND REPLACE WITH (N). ~~SEE SHEET NOTE #8.~~ △1
10. REMOVE ALL (E) EXIT SIGNS AND UNUSED WIRING.
11. REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS. △1

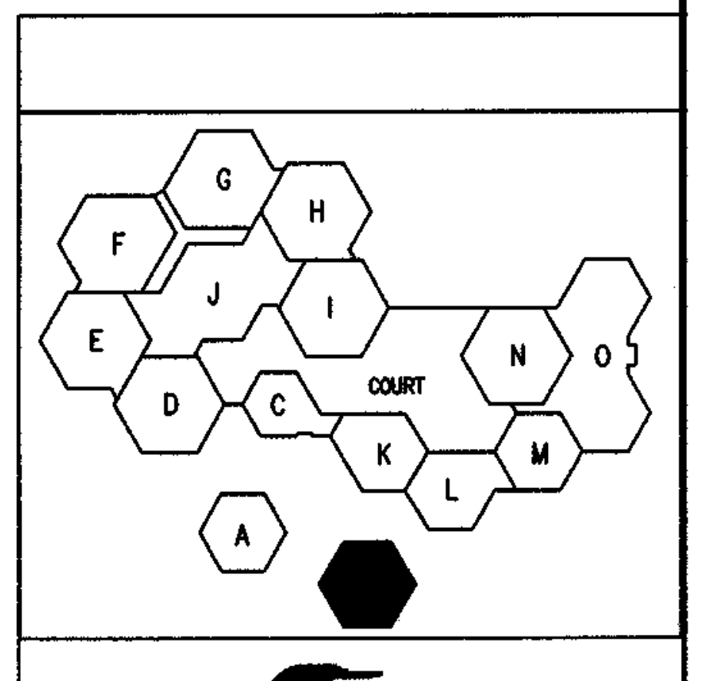


FLOOR PLAN POD "B" - LIGHTING

SCALE : 1/8" = 1'-0"

1
E2.2

NORTH



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99038/9038E2.2R/11-10-03/EAP

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LEE KARNEY
C 3158 03
EXP: 12/31/05

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM
No E15401
EXP. 06-30-05

CONSULTANT'S STAMP

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

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APPL NO. 01-101836 DATE 11-17-03

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DIVISION OF THE STATE ARCHITECT

APPL 01

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DATE ______

AUTHORITY APPROVAL

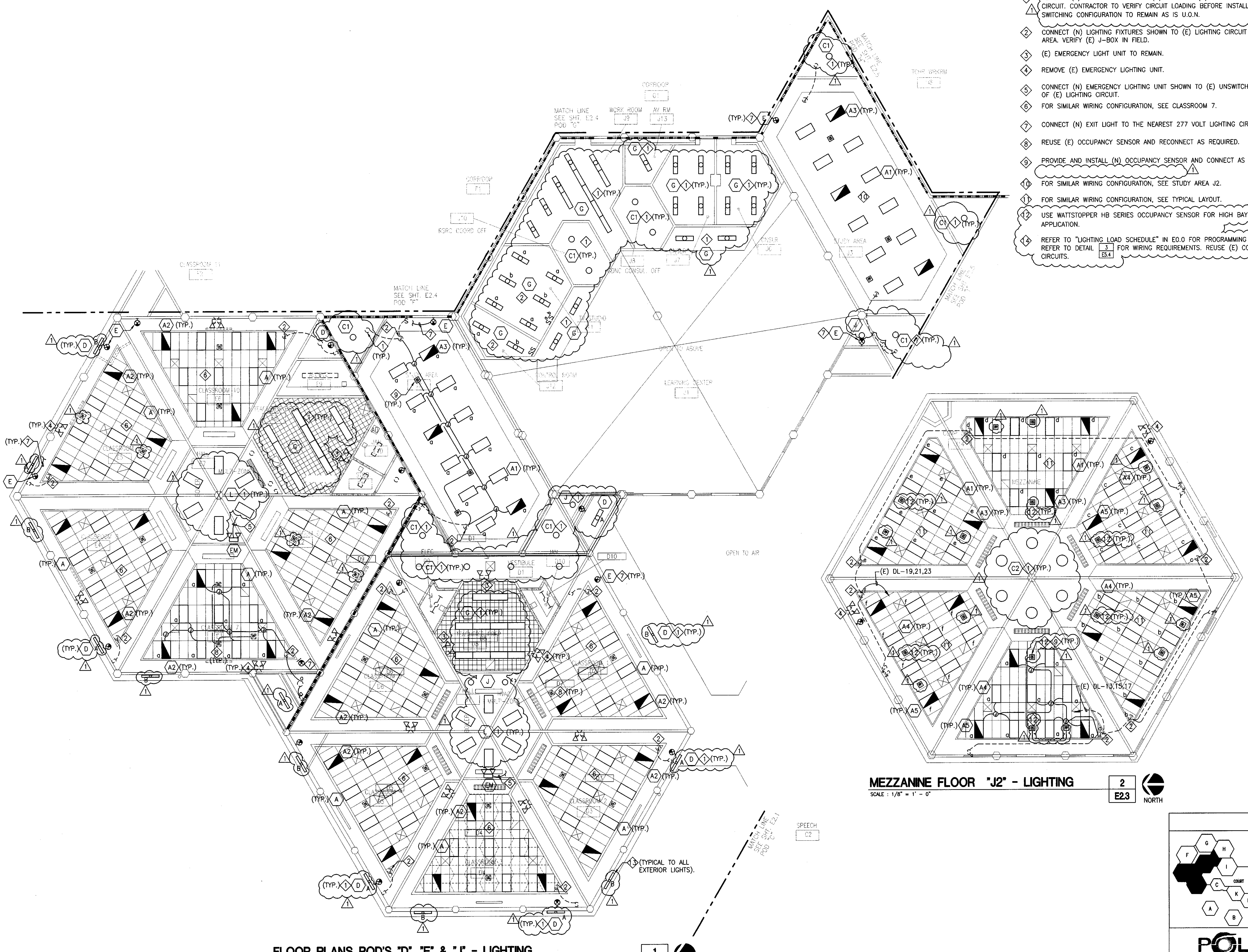
FLOOR PLAN POD "B" - LIGHTING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: CHECKED BY:

E2.2

JOB NO: 99041B OF SHEETS



FLOOR PLANS POD'S "D", "E" & "J" - LIGHTING

SCALE : 1/8" = 1'-0"

1
E2.3

NORTH

MEZZANINE FLOOR "J2" - LIGHTING

SCALE : 1/8" = 1' - 0"

2
E2.3

NORTH

SHEET NOTES

1. REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N.
2. CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J-BOX IN FIELD.
3. (E) EMERGENCY LIGHT UNIT TO REMAIN.
4. REMOVE (E) EMERGENCY LIGHTING UNIT.
5. CONNECT (N) EMERGENCY LIGHTING UNIT SHOWN TO (E) UNSWITCHED LEG OF (E) LIGHTING CIRCUIT.
6. FOR SIMILAR WIRING CONFIGURATION, SEE CLASSROOM 7.
7. CONNECT (N) EXIT LIGHT TO THE NEAREST 277 VOLT LIGHTING CIRCUIT.
8. REUSE (E) OCCUPANCY SENSOR AND RECONNECT AS REQUIRED.
9. PROVIDE AND INSTALL (N) OCCUPANCY SENSOR AND CONNECT AS SHOWN.
10. FOR SIMILAR WIRING CONFIGURATION, SEE STUDY AREA J2.
11. FOR SIMILAR WIRING CONFIGURATION, SEE TYPICAL LAYOUT.
12. USE WATTSTOPPER HB SERIES OCCUPANCY SENSOR FOR HIGH BAY APPLICATION.
14. REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS.

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LICENSED ARCHITECT LEE KARNEY C 31582 EXP. 12/31/99

ARCHITECT'S STAMP

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CONSULTANT'S STAMP

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AUTHORITY APPROVAL

FLOOR PLANS POD'S "D","E", "J" AND MEZZANINE"J2" -LIGHTING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

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E2.3

JOB NO: 99041B OF SHEETS

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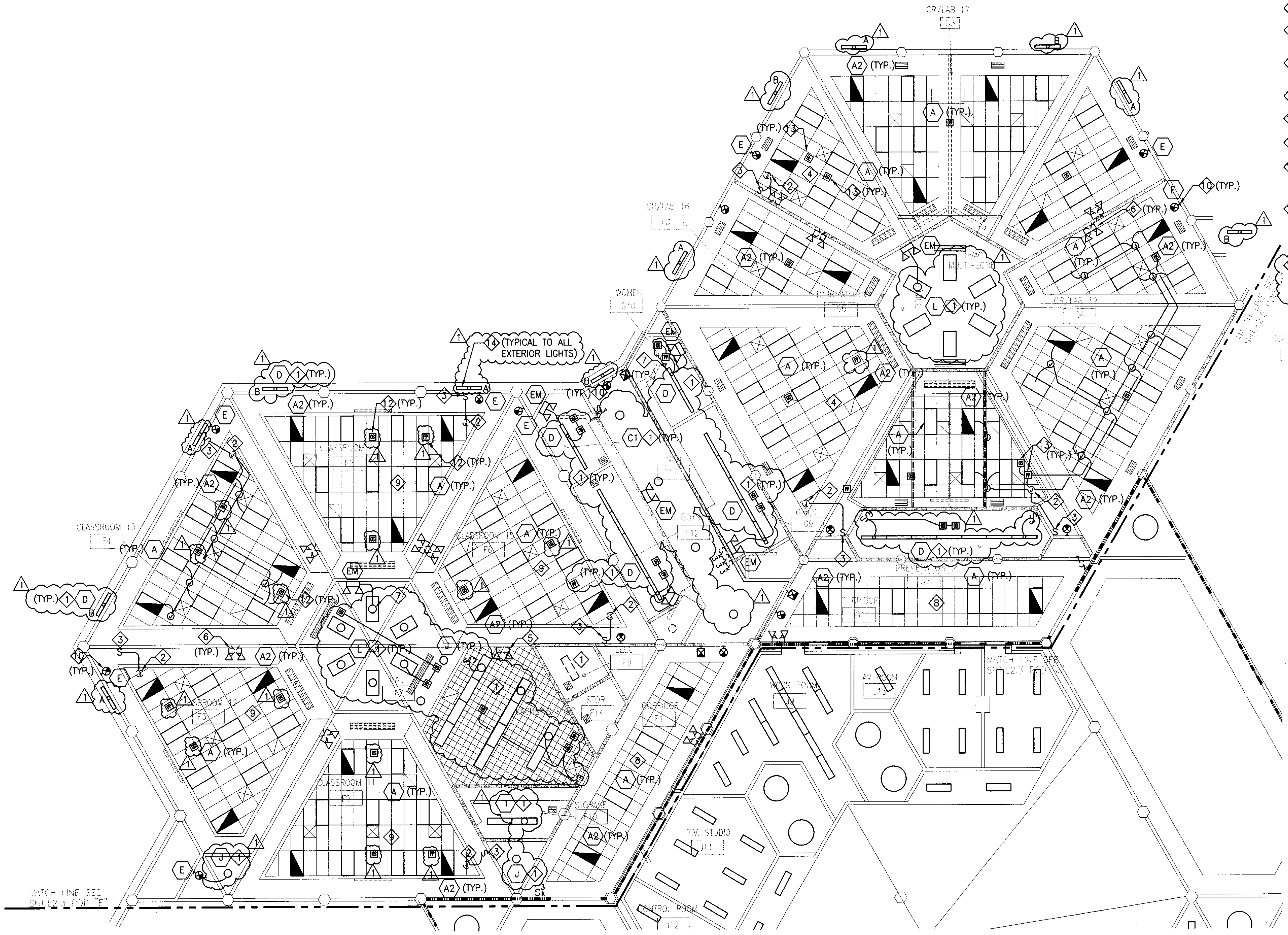


FLOOR PLANS POD'S "F" AND "G" - LIGHTING

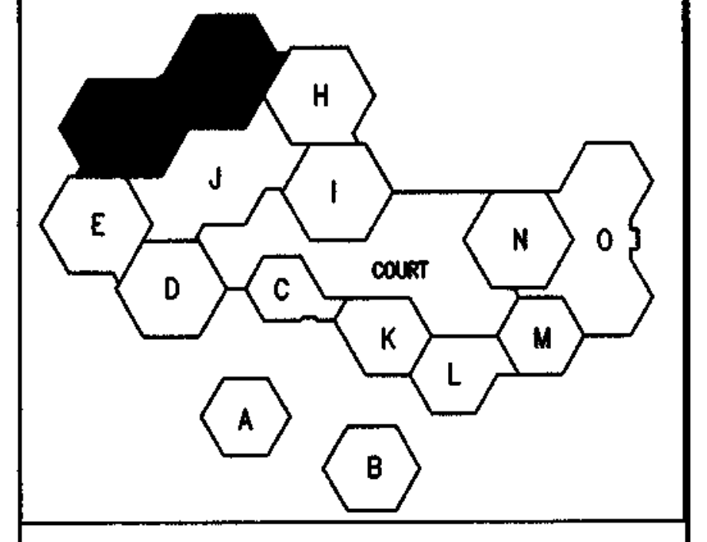
SCALE : 1/8" = 1'-0"

1
E2.4

NORTH

SHEET NOTES

1. REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N.
2. CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J-BOX IN FIELD.
3. PROVIDE AND INSTALL BY-PASS LIGHT SWITCH AND CONNECT AS SHOWN.
4. FOR SIMILAR WIRING CONFIGURATION, SEE CR/LAB 19.
5. (E) EMERGENCY LIGHTING UNIT TO REMAIN.
6. REMOVE (E) EMERGENCY LIGHTING UNIT.
7. CONNECT (N) EMERGENCY LIGHTING UNIT SHOWN TO (E) UNSWITCHED LEG OF (E) LIGHTING CIRCUIT.
8. CONNECT (N) LIGHTING TO (E) LIGHTING CIRCUIT CONTROLLED BY KEY SWITCHES IN CORRIDOR.
9. FOR SIMILAR WIRING CONFIGURATION, SEE CLASSROOM 13.
10. CONNECT (N) EXIT SIGN TO THE NEAREST (E) 277V LIGHTING CIRCUIT.
11. REMOVE ALL (E) EXIT SIGNS AND WIRING .
12. REMOVE (E) OCCUPANCY SENSOR AND POWER PACK AND REPLACE WITH (N). SEE SHEET NOTE #13.
13. PROVIDE AND INSTALL (N) OCCUPANCY SENSOR POWER PACK AND SENSOR TO CONTROL (N) LIGHTING AS SHOWN.
14. REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS.



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No E16401
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FLOOR PLANS
POD'S "F" &
"G" - LIGHTING

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

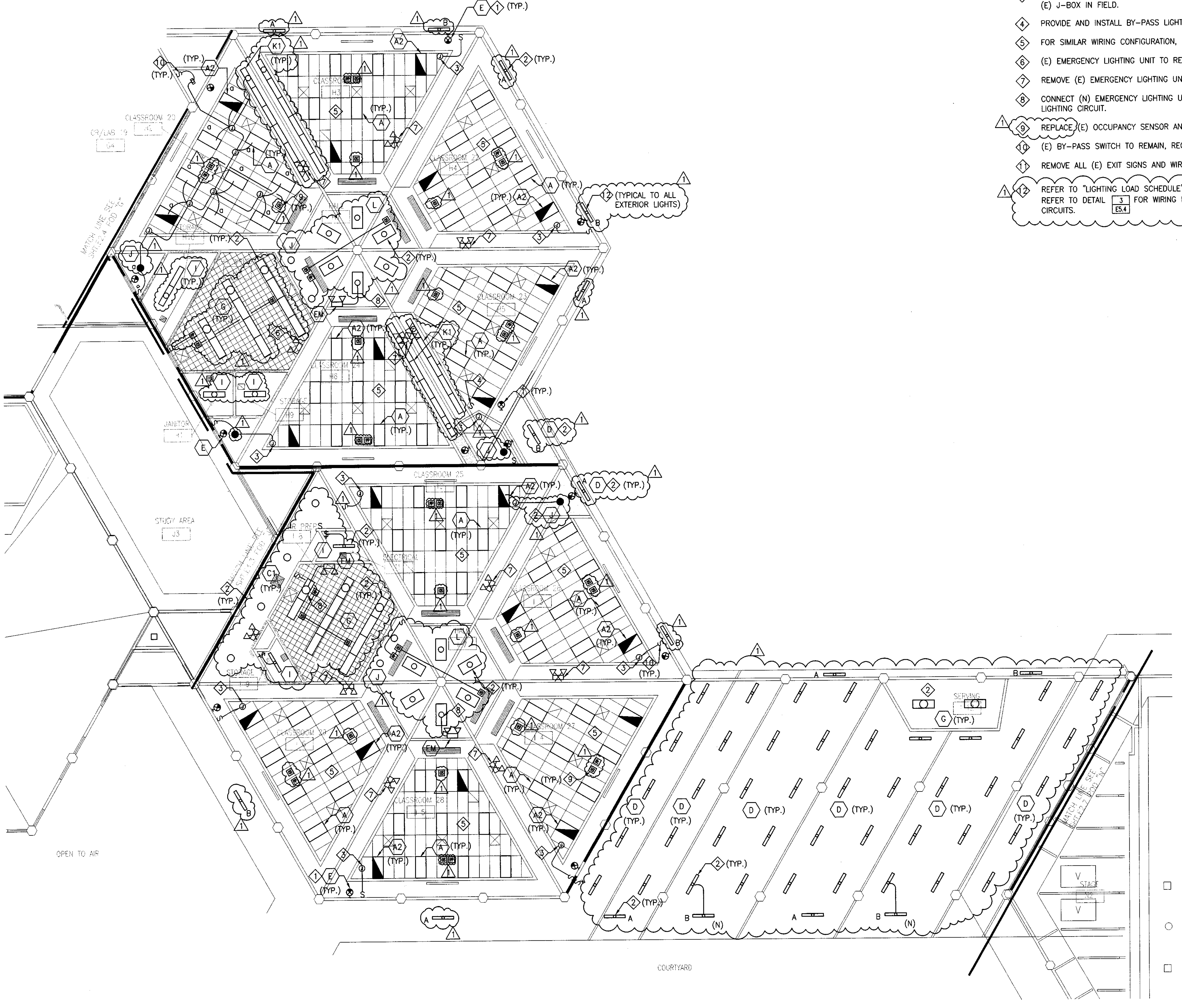
DRAWN BY: CHECKED BY:

E2.4

JOB NO: 99041B OF SHEETS

SHEET NOTES

1. CONNECT (N) EXIT SIGN TO NEAREST (E) 277V LIGHTING FIXTURE CIRCUIT.
2. REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N. △1
3. CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J-BOX IN FIELD.
4. PROVIDE AND INSTALL BY-PASS LIGHT SWITCH AND CONNECT AS REQUIRED.
5. FOR SIMILAR WIRING CONFIGURATION, SEE CLASSROOM 20.
6. (E) EMERGENCY LIGHTING UNIT TO REMAIN.
7. REMOVE (E) EMERGENCY LIGHTING UNIT.
8. CONNECT (N) EMERGENCY LIGHTING UNIT SHOWN TO (E) UNSWITCHED LEG OF LIGHTING CIRCUIT. △1
9. △1 REPLACE (E) OCCUPANCY SENSOR AND POWER PACK WITH (N). △1
10. (E) BY-PASS SWITCH TO REMAIN, RECONNECT FOR (N) LIGHTING CONTROL AS REQUIRED.
11. REMOVE ALL (E) EXIT SIGNS AND WIRING.
12. △1 REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS.

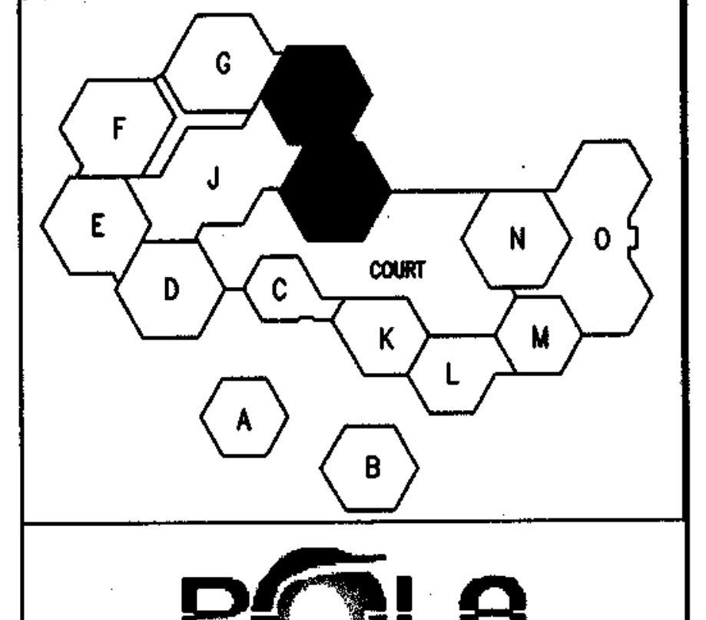


FLOOR PLANS POD'S "H" & "I" - LIGHTING

SCALE : 1/8" = 1'-0"

1
E2.5

NORTH



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FLOOR PLANS POD'S "H" & "I" - LIGHTING

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11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

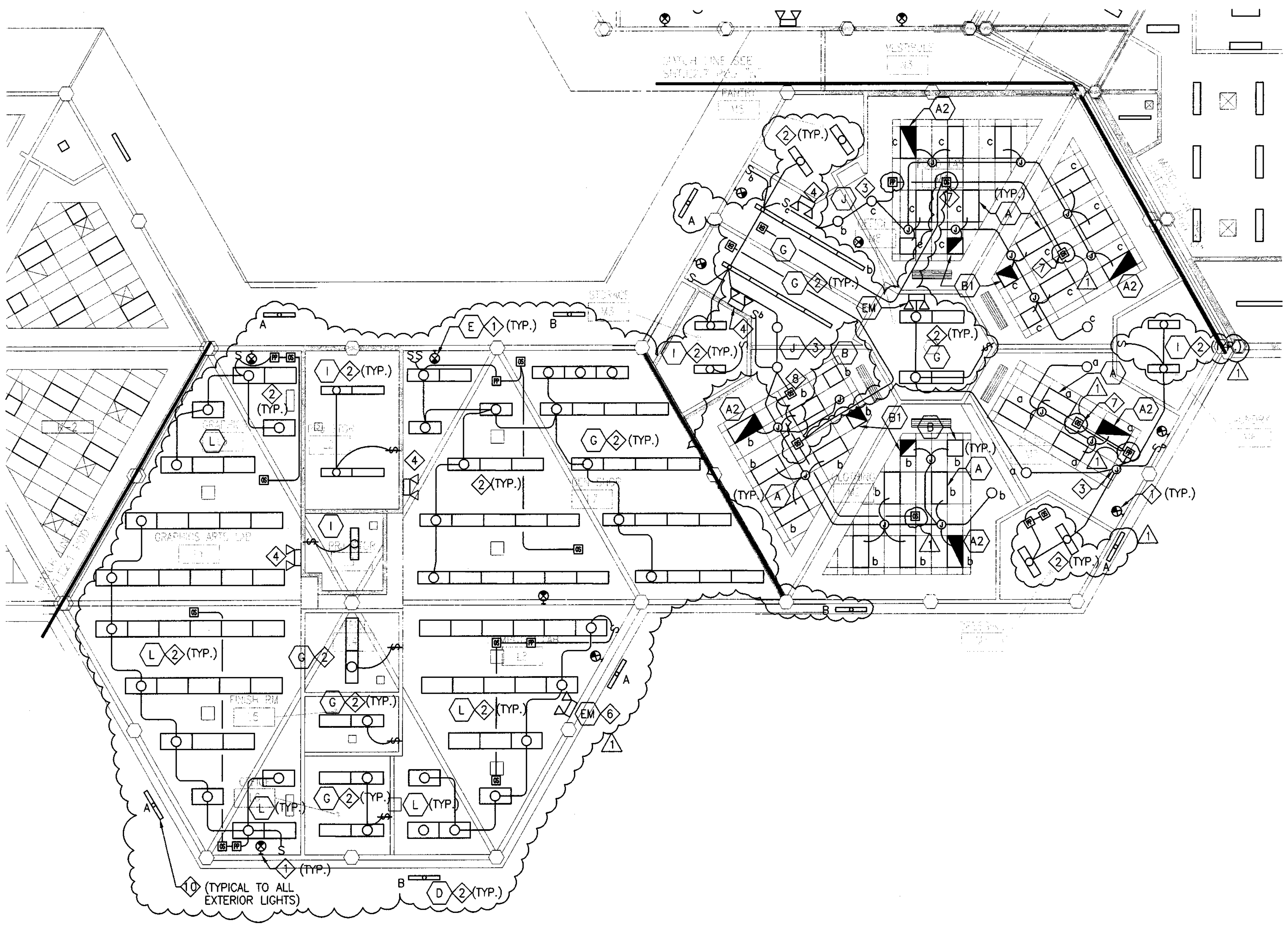
DRAWN BY: CHECKED BY:

E2.5

JOB NO: 99041B OF SHEETS

SHEET NOTES

1. CONNECT (N) EXIT SIGN, TO THE NEAREST (E) 277V LIGHTING CIRCUIT. AS SHOWN.
2. REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N. △1
3. CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J-BOX IN FIELD.
4. (E) EMERGENCY LIGHTING UNIT TO REMAIN.
5. REMOVE (E) EMERGENCY LIGHTING UNIT.
6. CONNECT (N) EMERGENCY LIGHTING UNIT SHOWN TO (E) UNSWITCHED LEG OF (E) LIGHTING CIRCUIT.
7. PROVIDE AND INSTALL (N) OCCUPANCY SENSOR AND POWER PACK TO CONTROL (N) LIGHTING AS SHOWN. (N) OCCUPANCY POWER PACK AND SENSOR TO MATCH EXISTING. △1
8. REMOVE (E) SENSOR AND POWER PACK. WITH (N). SEE SHEET NOTE #7. △1
9. REMOVE ALL (E) EXIST SIGNS AND UNUSED WIRING.
10. REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS. △1

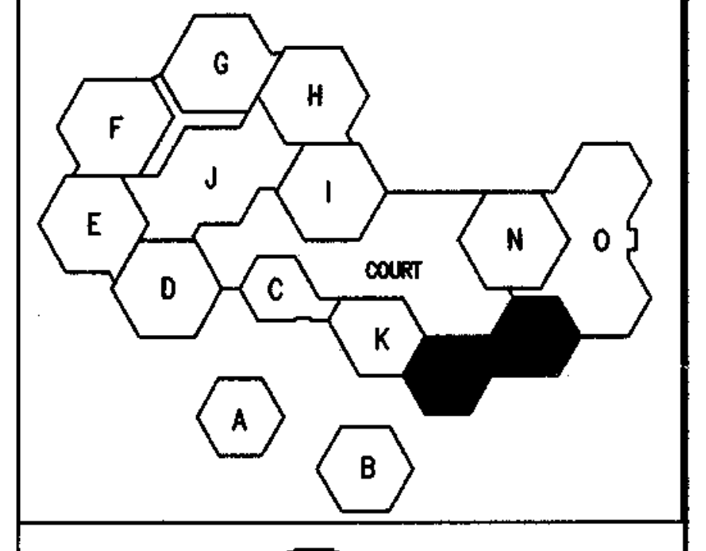


FLOOR PLANS POD'S "L" AND "M" - LIGHTING

SCALE : 1/8" = 1'-0"

1
E2.6

NORTH



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FLOOR PLANS POD'S "L" & "M" - LIGHTING

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11.13.03	ADDENDUM #1	△1

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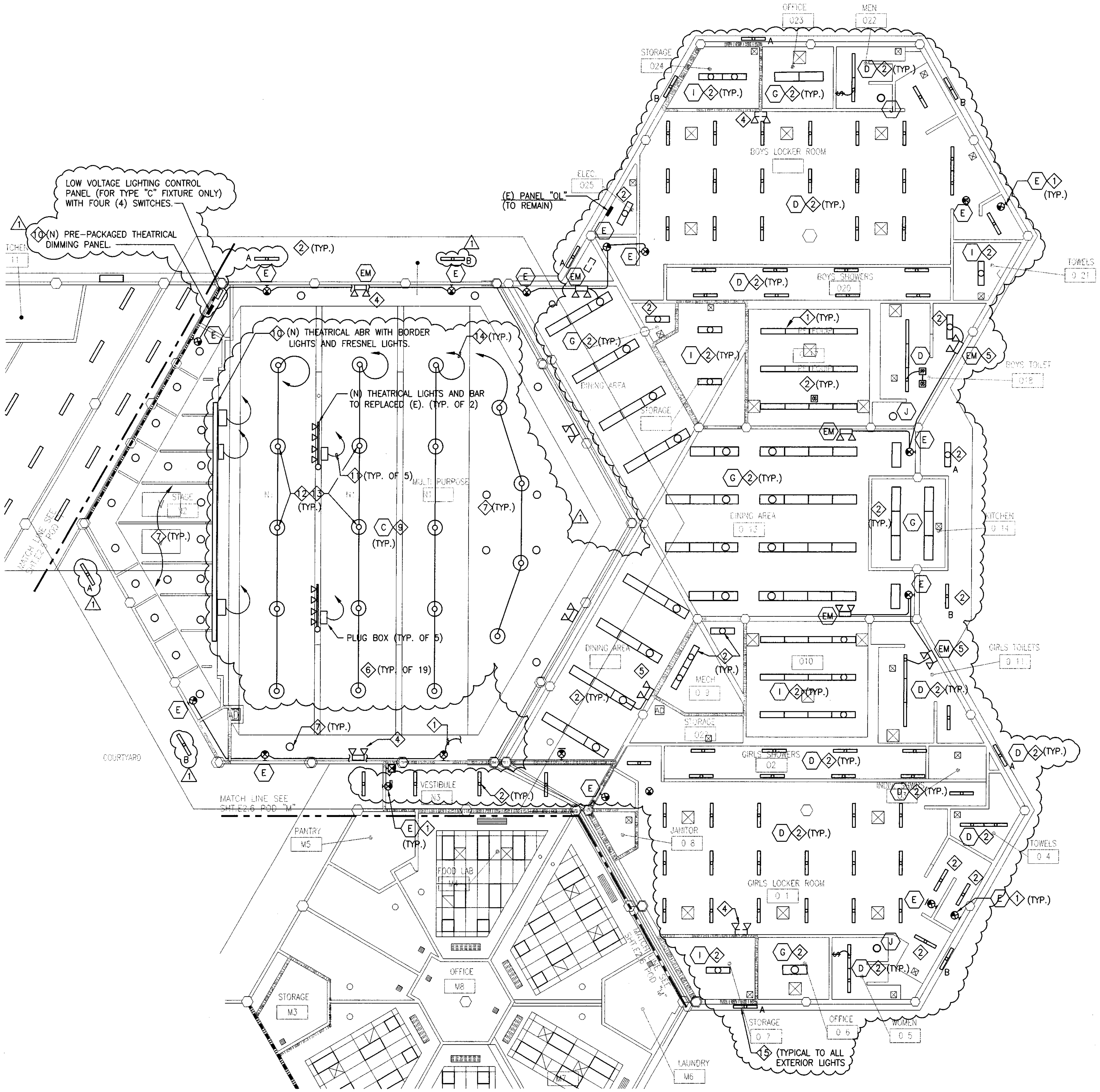
JOB NO: 99041B OF SHEETS



FLOOR PLANS POD'S "N" AND "O" - LIGHTING

SCALE : 1/8" = 1'-0"

1
E2.7

NORTH

SHEET NOTES

1. CONNECT (N) EXIT SIGN TO THE NEAREST 277 VOLT CIRCUIT.
2. REPLACE (E) LIGHT FIXTURES WITH (N). CONNECT (N) LIGHT FIXTURE TO (E) CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT LOADING BEFORE INSTALLATION. SWITCHING CONFIGURATION TO REMAIN AS IS U.O.N. △1
3. CONNECT (N) LIGHTING FIXTURES SHOWN TO (E) LIGHTING CIRCUIT IN THE AREA. VERIFY (E) J-BOX IN FIELD.
4. (E) EMERGENCY LIGHTING UNIT TO REMAIN.
5. CONNECT (N) EMERGENCY LIGHTING UNIT SHOWN TO (E) UNSWITCHED LEG OF (E) LIGHTING CIRCUIT.
6. TO BE REPLACED. △1
7. ALL (E) DOWN LIGHT FIXTURES AND SWITCHING IN THIS AREA TO REMAIN.
8. REMOVE ALL (E) EXIT SIGNS AND UNUSED WIRING.
9. THIS ROOM ONLY, PROVIDE ALL LIGHTS WITH WIRE GUARD. △1
10. SEE DETAIL 3/E5.2 .
11. TO DIMMING PANEL WIRE SIZE PER MANUFACTURER RECOMMENDATION.
12. PROVIDE WIRING FOR FOUR (4) LEVEL SWITCHING CONFIGURATION VIA LOW VOLTAGE LIGHTING SYSTEM. (ONE 20A, 1P, CIRCUIT PER ROW). RE-USE EXISTING CIRCUITS AND RE ROUTE TO NEW RELAYS FOR SWITCHING. LOW VOLTAGE LIGHTING SYSTEM SHALL BE AS MANUFACTURED BY G.E., MICROLITE, SPI OR APPROVED EQUAL.
13. CONTRACTOR TO VERIFY IN FIELD EXISTING CONDUIT ROUTING AND RE-USE (E) CONDUIT AS POSSIBLE. OTHERWISE, PROVIDE NEW CONDUITS AS SHOWN.
14. TO EXISTING LIGHTING PANEL VIA LOW VOLTAGE LIGHTING CONTROL PANEL. CONDUIT AS POSSIBLE. OTHERWISE, PROVIDE NEW CONDUITS AS SHOWN. FOR WIRING CONFIGURATION, REFER TO DETAIL 4/E5.4 .
15. REFER TO "LIGHTING LOAD SCHEDULE" IN E0.0 FOR PROGRAMMING PURPOSES. REFER TO DETAIL 3/E5.4 FOR WIRING REQUIREMENTS. REUSE (E) CONDUITS AND CIRCUITS.

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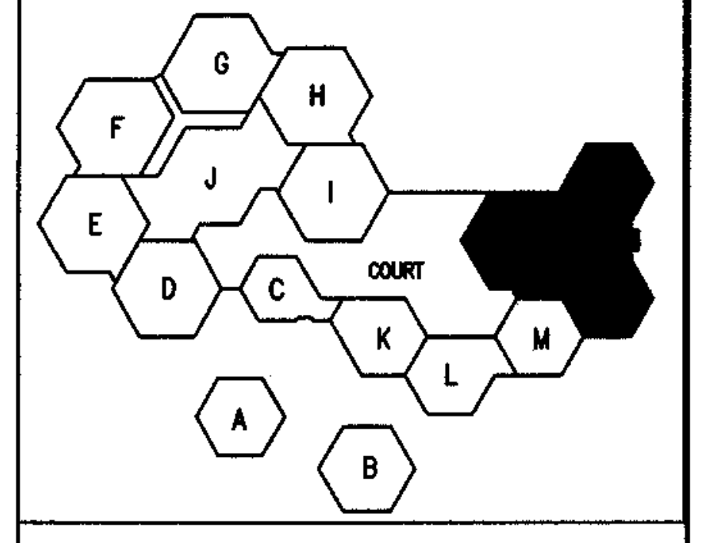
FLOOR PLANS POD'S "N" & "O" - LIGHTING



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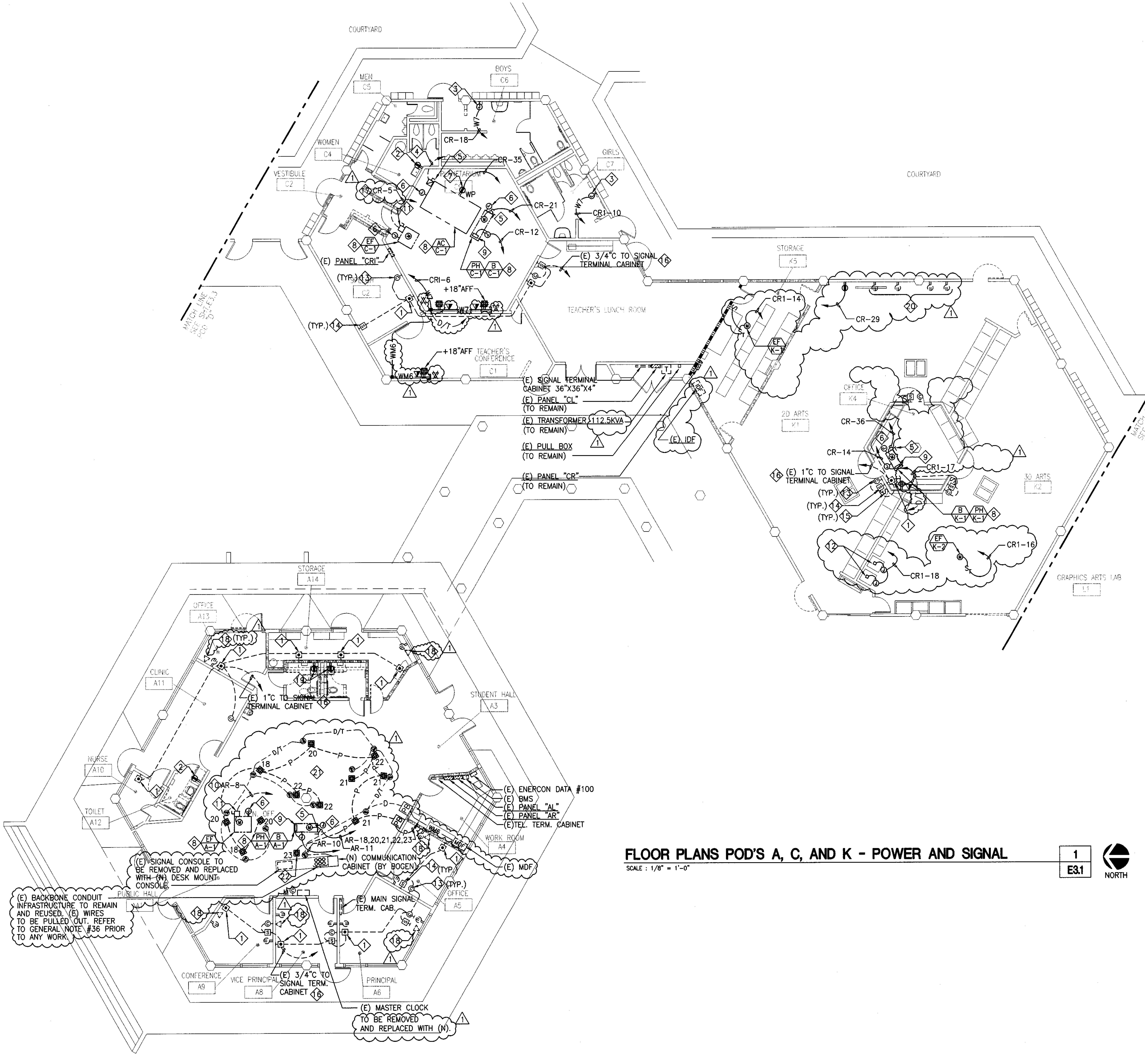

FLOOR PLANS POD'S A, C, AND K - POWER AND SIGNAL

SCALE : 1/8" = 1'-0"

1
E3.1

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J-BOX.
2. REPLACE (E) RECEPTACLE WITH (N) GFI TYPE RECEPTACLE.
3. (N) OUTLET FOR ELECTRIC HAND DRYER. VERIFY EXACT LOCATION WITH ARCHITECT.
4. PROVIDE AND INSTALL (N) 3#10 AND 1#10 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B. WITH (N) 25A/3P HACR TYPE C.B. IN PANEL "CL". (N) C.B. TYPE AND AIC SHALL MATCH (E). VERIFY CIRCUIT NUMBERS IN FIELD.
5. PROVIDE AND INSTALL (N) WEATHER PROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
6. PROVIDE AND INSTALL J-BOX FOR CONTROLS OF HVAC UNIT. COORDINATE WITH MECHANICAL.
7. MOUNT RECEPTACLE ON BASE OF AC UNIT.
8. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF HVAC UNIT.
9. FOR EXACT LOCATION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
10. PROVIDE AND INSTALL (N) 2#12 AND 1#12 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REUSE (E) C.B. AT (E) PANEL "AR".
11. PROVIDE AND INSTALL (N) MOTOR STARTER AND DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4.
12. POWER CONNECTION TO (N) KILN HOODS. 1
13. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
14. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
15. PROVIDE AND INSTALL (N) CALL SWITCH +48" AFF AS SHOWN.
16. SEE CLOCK AND P.A. RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
17. PROVIDE AND INSTALL (N) 2#10 AND 1#12 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 20A/1P C.B. WITH 30A/1P C.B. AT (E) PANEL "CR".
18. (E) DATA OUTLET, JACKS AND FACEPLATE TO BE REPLACED WITH (N) CAT6 TYPE. REUSE (E) CONCEALED CONDUIT AND PULL (N) CAT6 CABLES. IF (E) RACEWAY IS EXPOSED, REPLACE WITH (N) NON-METALIC WIREMOLD. 1
19. PROVIDE AND INSTALL (N) GFI RECEPTACLE AND CONNECT TO (E) CIRCUIT.
20. 1 REPLACE (E) RECEPTACLES WITH (N) GFCI TYPE RECEPTACLES. REUSE (E) CIRCUITS.
21. REMOVED (E) POWER AND SIGNAL OUTLET AND ASSOCIATED WIRINGS AND FLOOR/UNDERCARPET RACEWAYS IN GENERAL OFFICE "A1" AND REPLACE WITH (N). COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT FURNITURE LAYOUT AND LOCATE OUTLETS DIRECTLY AT WORKSTATION DESK OR COUNTER.
22. POWER OUTLET FOR (N) COMMUNICATION CABINET. LOCATE NEAR CABINET AS POSSIBLE.

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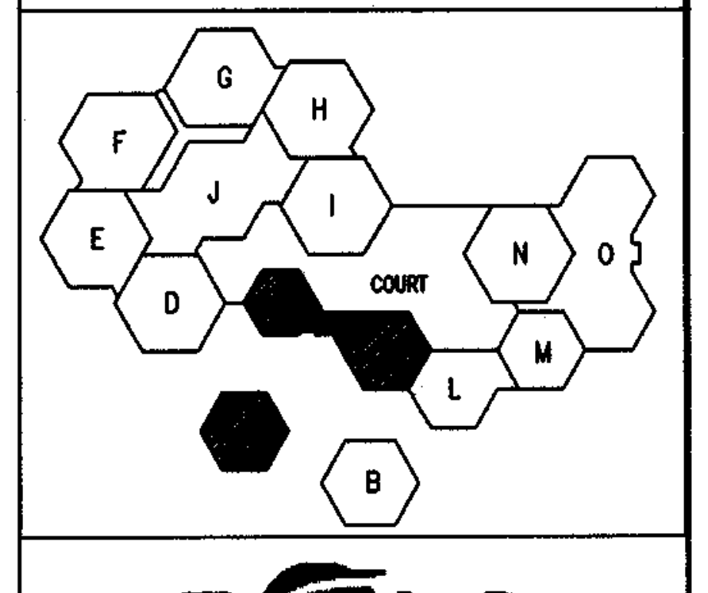
FLOOR PLANS POD'S A, C & K - POWER & SIGNAL



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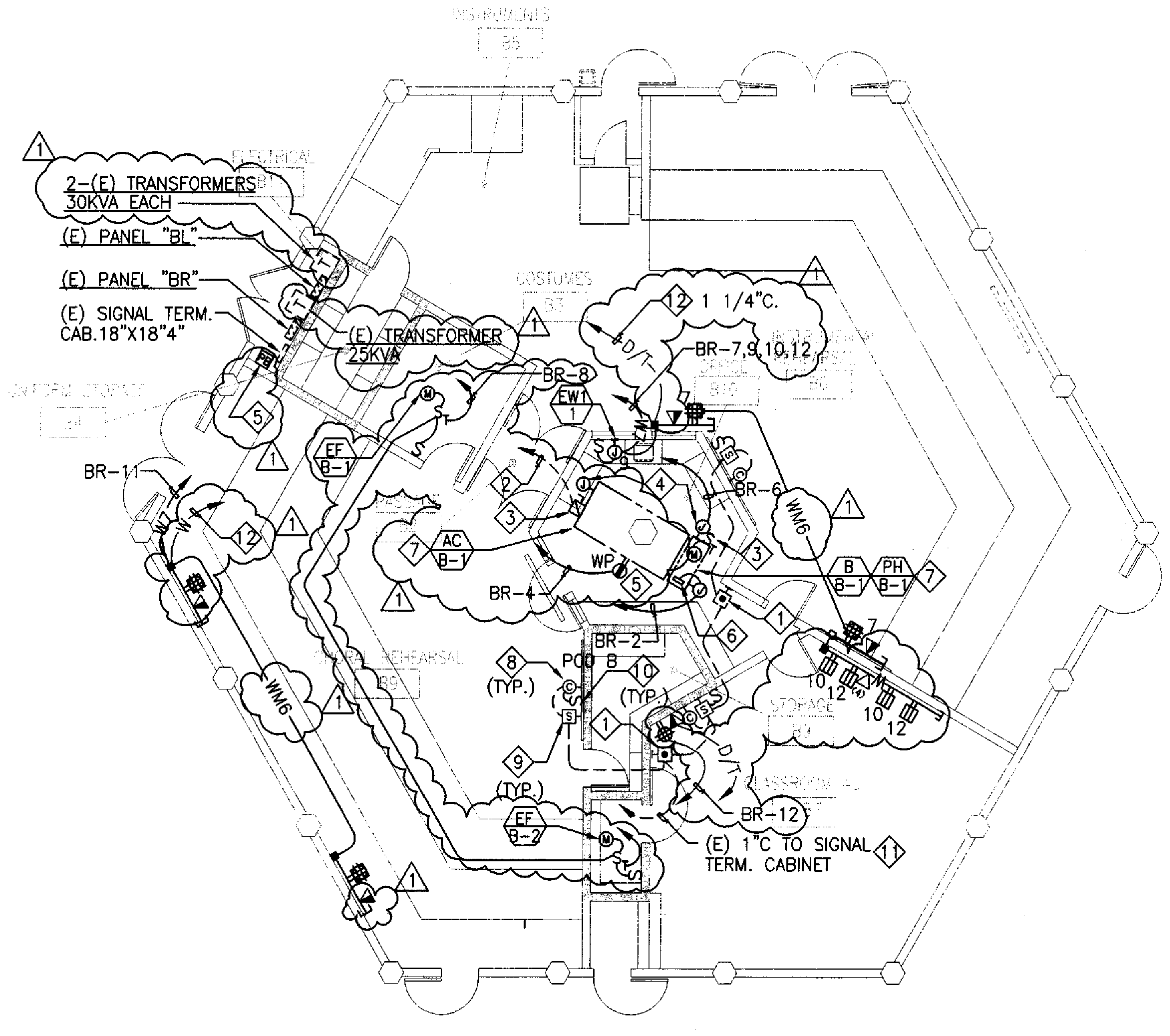
E3.1

JOB NO: 99041B OF SHEETS

99038/9038E3.1R/11-11-03/EAP/SC/LB/VLV/VCA

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J-BOX.
2. PROVIDE AND INSTALL (N) 3#6 AND 1#8 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B WITH (N) 60A/3P HACR TYPE C.B. IN PANEL "BL" (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
3. PROVIDE AND INSTALL (N) WEATHER PROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
4. PROVIDE AND INSTALL J-BOX FOR CONTROLS OF HVAC UNIT. COORDINATE WITH MECHANICAL.
5. (N) 12"X12"X4" PULL BOX FOR TEL DATA SYSTEM. 1
6. FOR EXACT LOCATION OF CONNECTION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
7. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF HVAC UNITS.
8. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
9. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
10. PROVIDE AND INSTALL (N) CALL SWITCH +48" AFF AS SHOWN.
11. SEE CLOCK AND P.A. SYSTEM RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
12. TO (N) TEL/DATA SYSTEM PULL BOX IN ELECTRICAL CLOSET. 1



FLOOR PLANS POD "B" - POWER AND SIGNAL

SCALE : 1/8" = 1'-0"

1
E3.2

NORTH

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FLOOR PLAN POD "B" - POWER & SIGNAL

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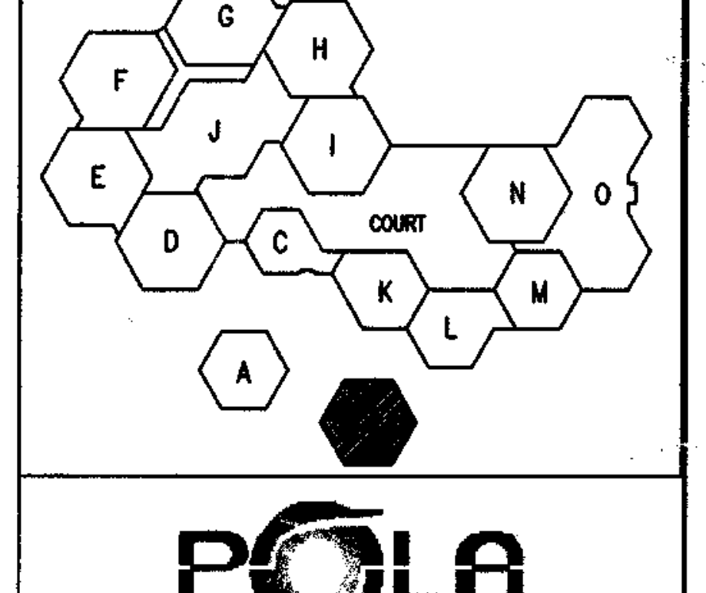

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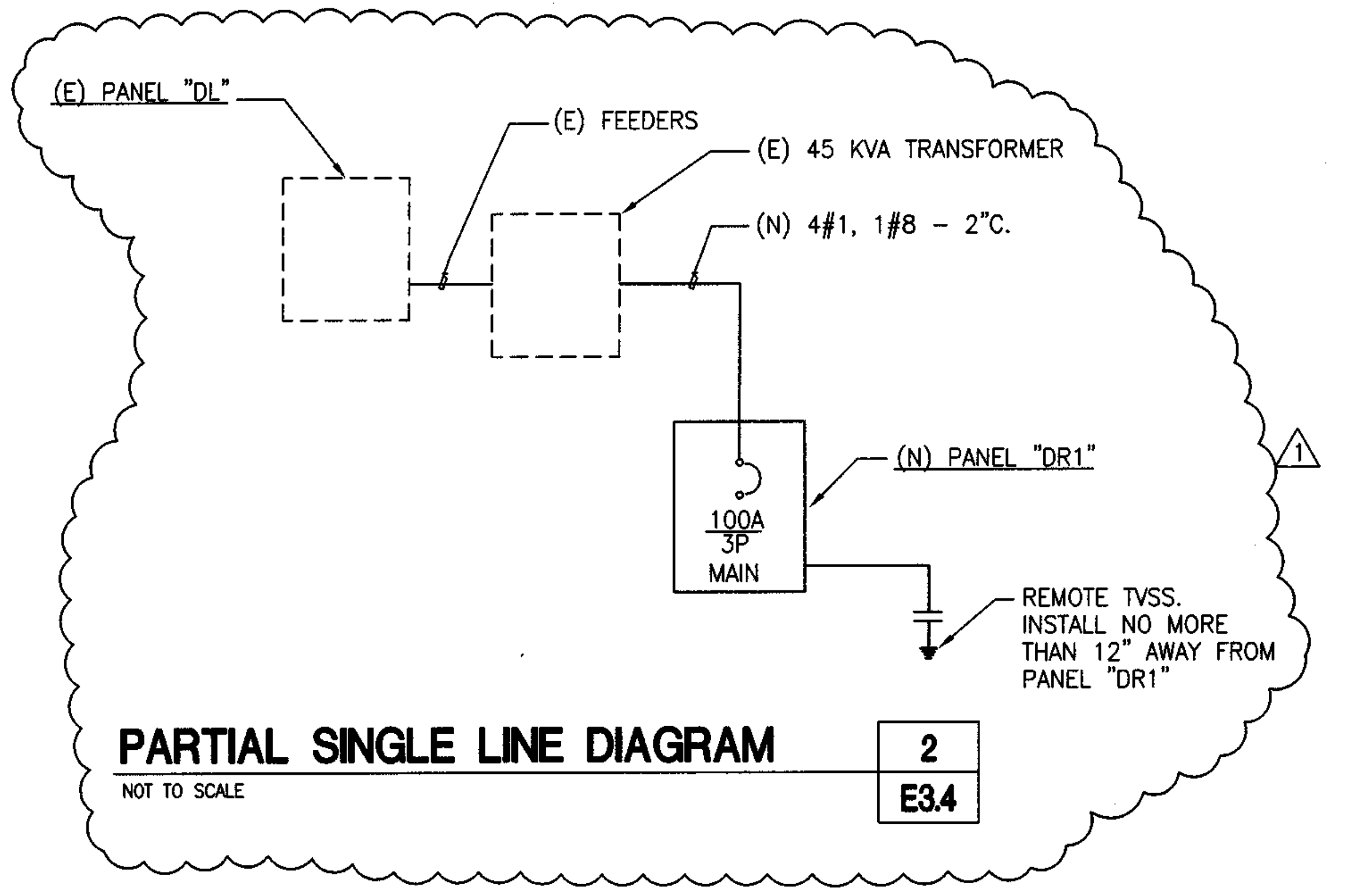
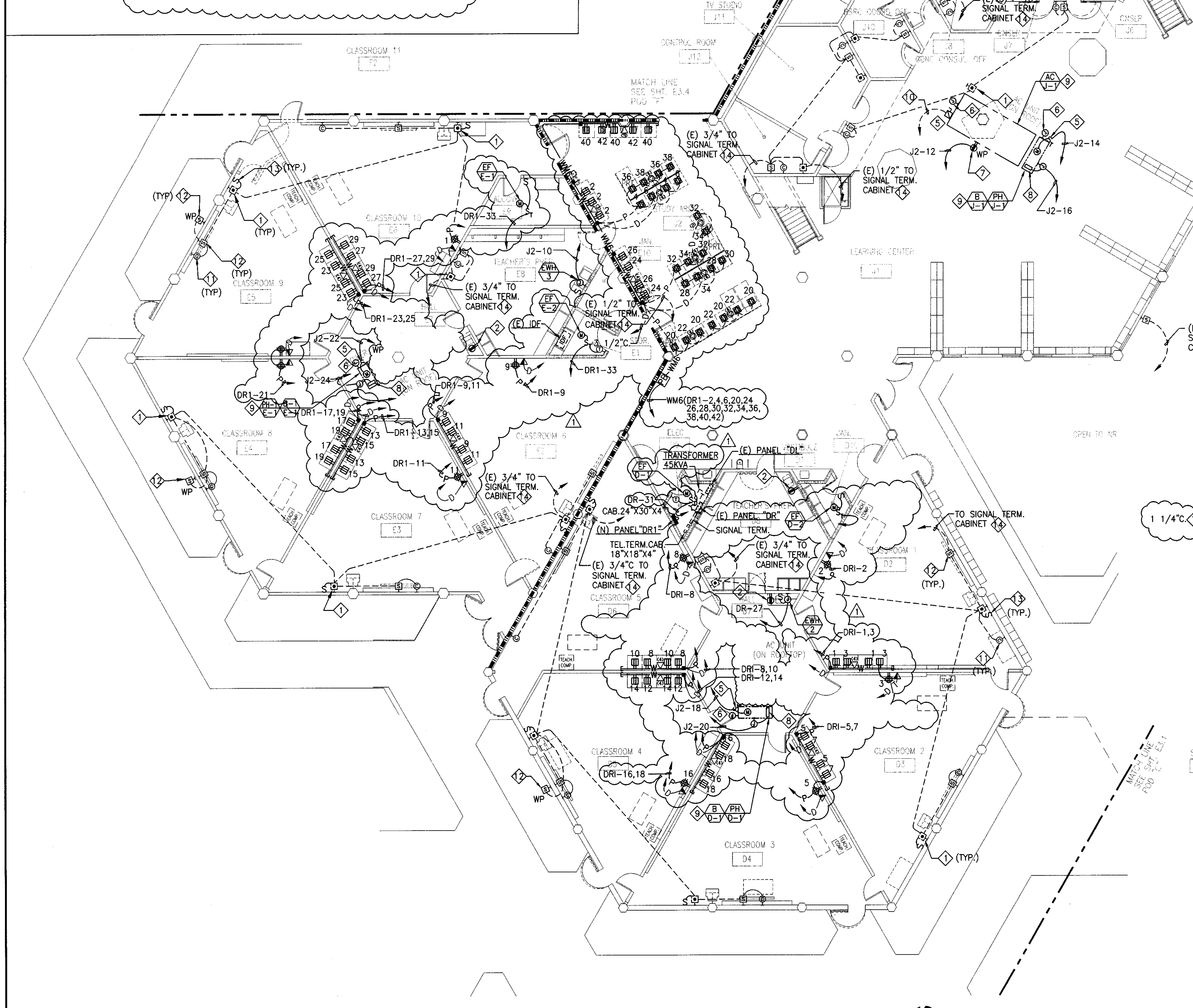


PARTIAL SINGLE LINE DIAGRAM

NOT TO SCALE

2
E3.4

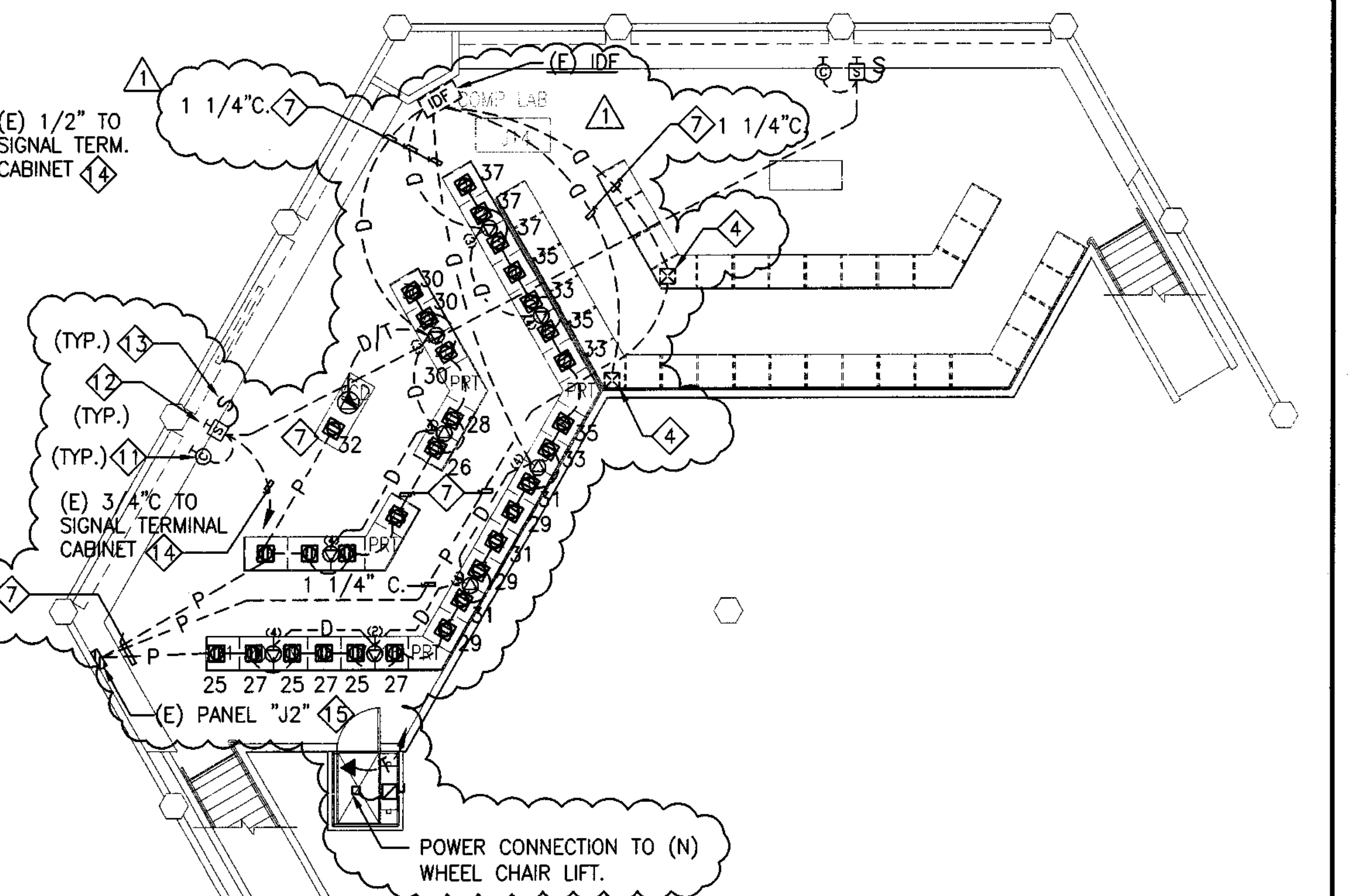


FLOOR PLANS POD'S "D", "E" & "J" - POWER AND SIGNAL

SCALE : 1/8" = 1'-0"

1
E3.3

NORTH


(E) IDF
1
1 1/4"C
7
4
(TYP.)
(E) 3/4"C TO SIGNAL TERMINAL CABINET 14
25 27 25 27 25 27
37
35
33
31
30
29
26
32
(E) PANEL "J2" 15
POWER CONNECTION TO (N) WHEEL CHAIR LIFT.

MEZZANINE FLOOR "J2" - POWER AND SIGNAL

SCALE : 1/8" = 1' - 0"

2
E3.3

NORTH

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J–BOX.
2. REPLACE (E) RECEPTACLE WITH (N) GFI TYPE RECEPTACLE.
3. RUN WIREWAY AGAINST WALL AS HIGH AS POSSIBLE.
4. REMOVE (E) POWER/DATA POLE. REROUTE CABLES VIA (N) RACEWAY DISTRIBUTION SYSTEM. SEE SHEET NOTE #7.
5. PROVIDE AND INSTALL (N) WEATHERPROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
6. PROVIDE AND INSTALL J–BOX FOR CONTROLS OF HVAC UNITS. COORDINATE WITH MECHANICAL.
7. ALL DISTRIBUTION CONDUITS SHALL BE ROUTED FROM BELOW. OPEN CEILINGS AT LOWER LEVEL DURING ROUGH–IN AND REINSTALL BACK PRIOR TO INSTALLING (N) LIGHTS.
8. FOR EXACT LOCATION OF CONNECTION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH–IN.
9. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF HVAC UNITS.
10. PROVIDE AND INSTALL (N) 3#2 AND 1#6 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B. WITH (N) 125A/3P HACR TYPE C.B. IN PANEL "DL". (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
11. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
12. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
13. PROVIDE AND INSTALL (N) CALL SWITCH +48" AFF AS SHOWN.
14. SEE CLOCK AND P.A. SYSTEM RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
15. REPLACE (E) ELECTRICAL WITH (N) 42–CIRCUIT ELECTRICAL PANEL. AIC TO MATCH (E).

VBN ARCHITECTS

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■ LEE KARNEY	AIA
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☐ ELIEZER M. NAOR	AIA

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REGISTERED PROFESSIONAL ENGINEER
ANTONIO C. JAKOSALEM
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APPROVED
DIV OF THE STATE ARCHITECT
AC ____ F/LS ____ SS VJ
APPL NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC_____ FLS_____ SS_______
DATE_______

AUTHORITY APPROVAL

FLOOR PLANS POD'S "D" "E" "J" AND MEZZ. "J2"– POWER & SIGNAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E3.3

JOB NO: 99041B OF SHEETS

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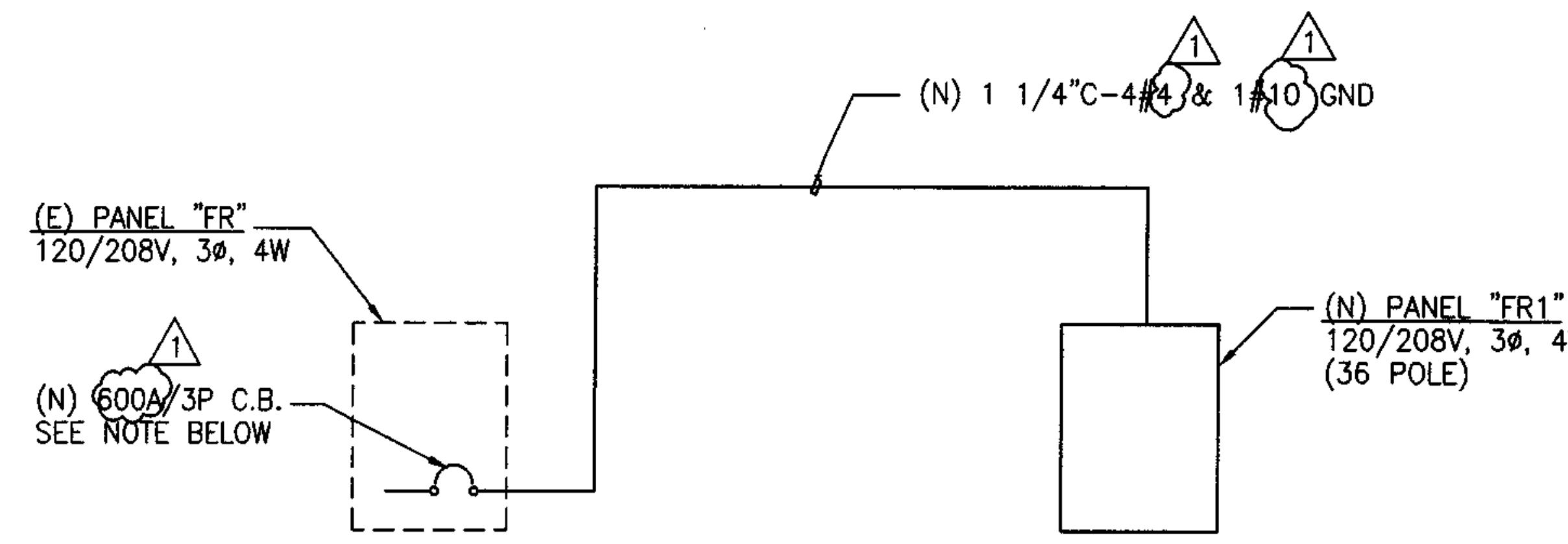
99038/9038E3.3R/11–10–03/EAP/SC/LB/VCA/VLV



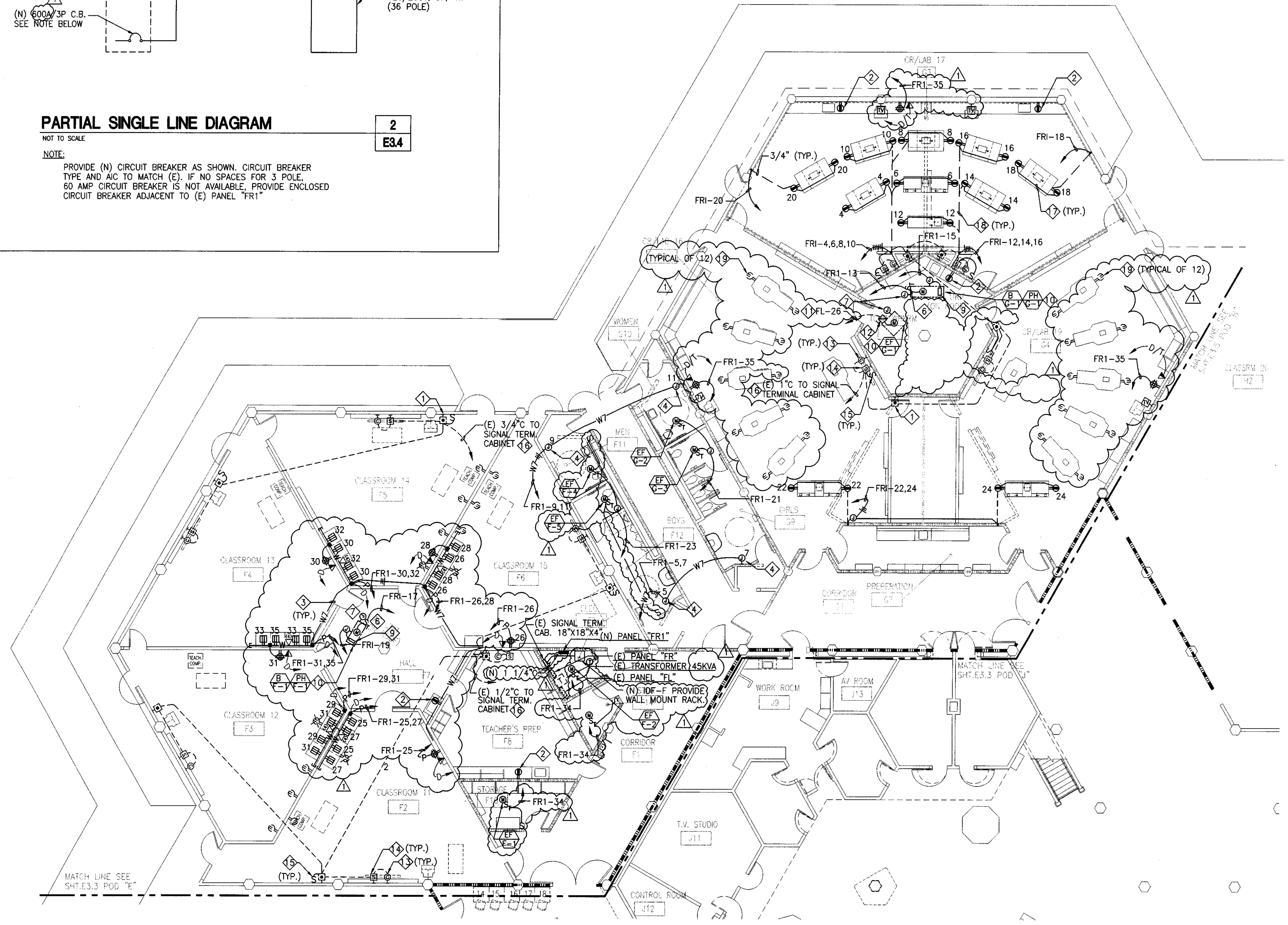
PARTIAL SINGLE LINE DIAGRAM

2
E3.4

NOT TO SCALE

NOTE:

PROVIDE (N) CIRCUIT BREAKER AS SHOWN. CIRCUIT BREAKER TYPE AND AIC TO MATCH (E). IF NO SPACES FOR 3 POLE, 60 AMP CIRCUIT BREAKER IS NOT AVAILABLE, PROVIDE ENCLOSED CIRCUIT BREAKER ADJACENT TO (E) PANEL "FR1"



FLOOR PLANS POD'S "F" AND "G" - POWER AND SIGNAL

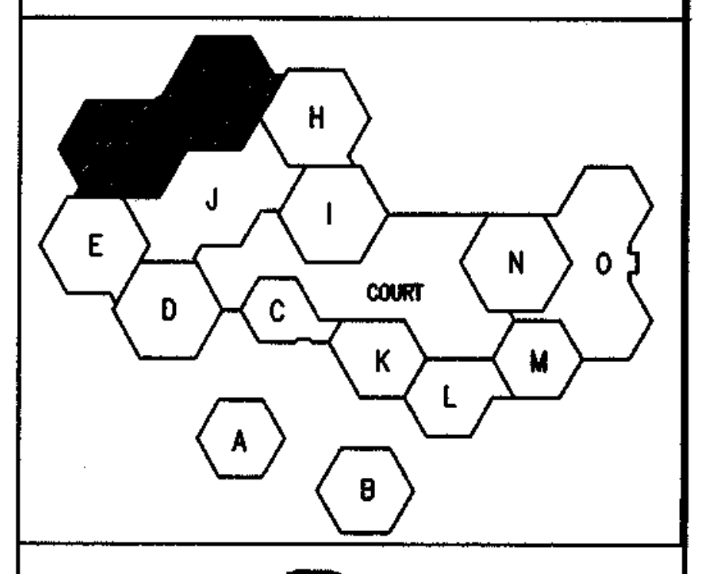
1
E3.4

SCALE : 1/8" = 1'-0"

NORTH

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J-BOX.
2. REPLACE (E) RECEPTACLE WITH (N) GFI TYPE RECEPTACLE.
3. RUN WIREWAY AGAINST WALL AS HIGH AS POSSIBLE.
4. (N) OUTLET FOR ELECTRIC HAND DRYER. VERIFY EXACT LOCATION WITH ARCHITECT.
5. NOT USED. 1
6. PROVIDE AND INSTALL (N) WEATHERPROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
7. PROVIDE AND INSTALL J-BOX FOR CONTROLS OF HVAC UNITS. COORDINATE WITH MECHANICAL.
8. NOT USED. 1
9. FOR EXACT LOCATION OF CONNECTION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
10. SEE MECHANICAL DWGS. FOR EXACT LOCATION OF HVAC UNITS.
11. PROVIDE AND INSTALL (N) 3#12 AND 1#12 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REUSE (E) C.B. AT (E) PANEL "FL".
12. PROVIDE AND INSTALL (N) MOTOR STARTER AND DISCONNECT SWITCH. SIZE AS REQUIRED. SEE MECH. EQUIPMENT SCHEDULE ON E0.4.
13. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
14. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
15. PROVIDE AND INSTALL (N) CALL SWITCH +48" AFF AS SHOWN.
16. SEE CLOCK AND P.A. SYSTEM RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
17. RUN CONDUIT IN CASEWORK.
18. COORDINATE WITH MECHANICAL FOR FLOOR TRENCHING. PROVIDE MINIMUM SEPARATION BETWEEN POWER AND GAS LINES PER P.G. & E. REQUIREMENTS.
19. 1 REPLACE (E) RECEPTACLES WITH (N) GFCI TYPE. REUSE (E) WIRINGS.



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FLOOR PLANS POD'S "F" & "G" - POWER & SIGNAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E3.4

JOB NO: 99041B OF SHEETS

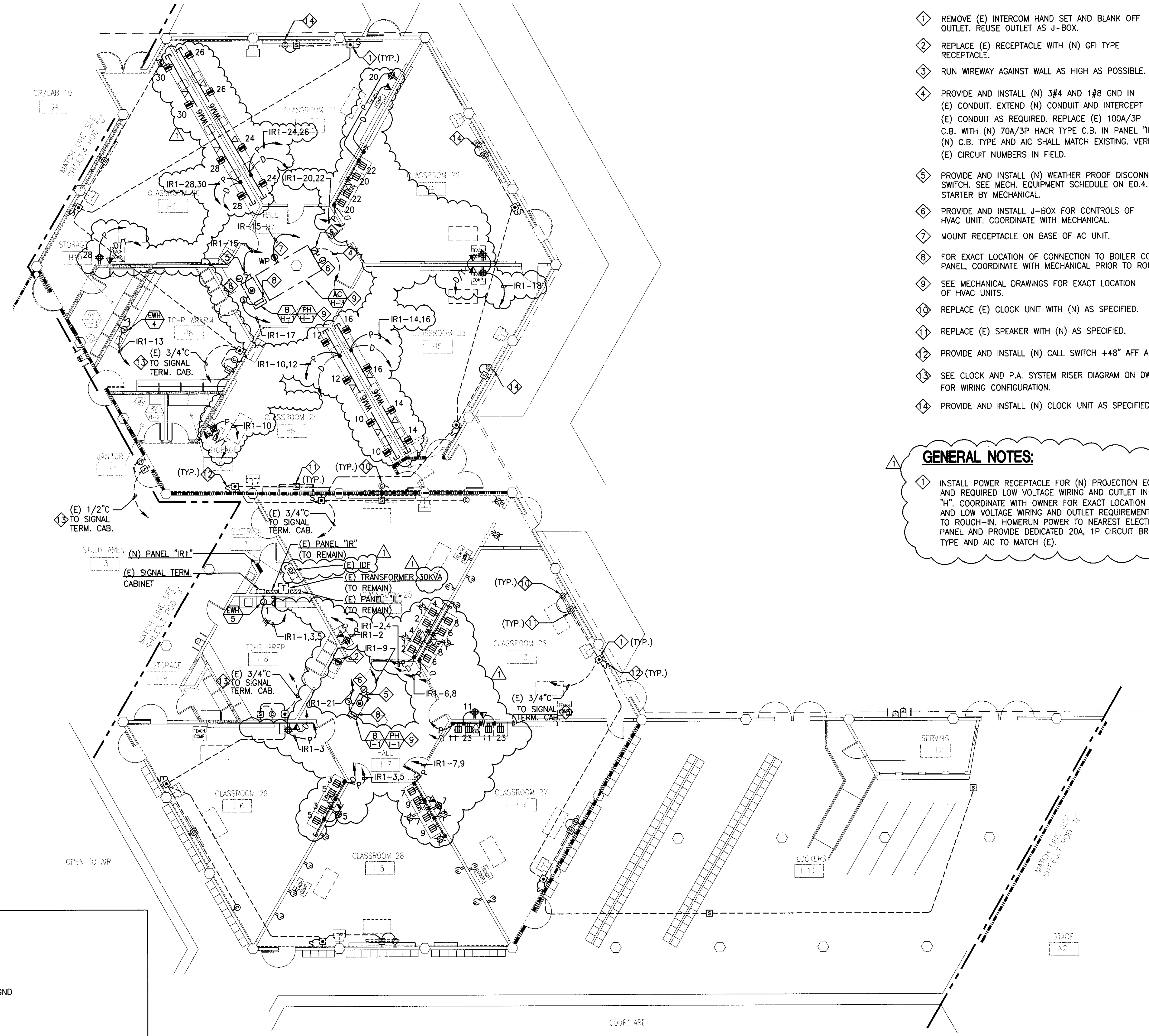
99038/9038E3.4/11-11-03\AMA

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J-BOX.
2. REPLACE (E) RECEPTACLE WITH (N) GFI TYPE RECEPTACLE.
3. RUN WIREWAY AGAINST WALL AS HIGH AS POSSIBLE.
4. PROVIDE AND INSTALL (N) 3#4 AND 1#8 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B. WITH (N) 70A/3P HACR TYPE C.B. IN PANEL "IL". (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
5. PROVIDE AND INSTALL (N) WEATHER PROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
6. PROVIDE AND INSTALL J-BOX FOR CONTROLS OF HVAC UNIT. COORDINATE WITH MECHANICAL.
7. MOUNT RECEPTACLE ON BASE OF AC UNIT.
8. FOR EXACT LOCATION OF CONNECTION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
9. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF HVAC UNITS.
10. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
11. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
12. PROVIDE AND INSTALL (N) CALL SWITCH +48" AFF AS SHOWN.
13. SEE CLOCK AND P.A. SYSTEM RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
14. PROVIDE AND INSTALL (N) CLOCK UNIT AS SPECIFIED.

GENERAL NOTES:

1. INSTALL POWER RECEPTACLE FOR (N) PROJECTION EQUIPMENT AND REQUIRED LOW VOLTAGE WIRING AND OUTLET IN BUILDING "H". COORDINATE WITH OWNER FOR EXACT LOCATION OF POWER AND LOW VOLTAGE WIRING AND OUTLET REQUIREMENTS PRIOR TO ROUGH-IN. HOMERUN POWER TO NEAREST ELECTRICAL PANEL AND PROVIDE DEDICATED 20A, 1P CIRCUIT BREAKER WITH TYPE AND AIC TO MATCH (E).

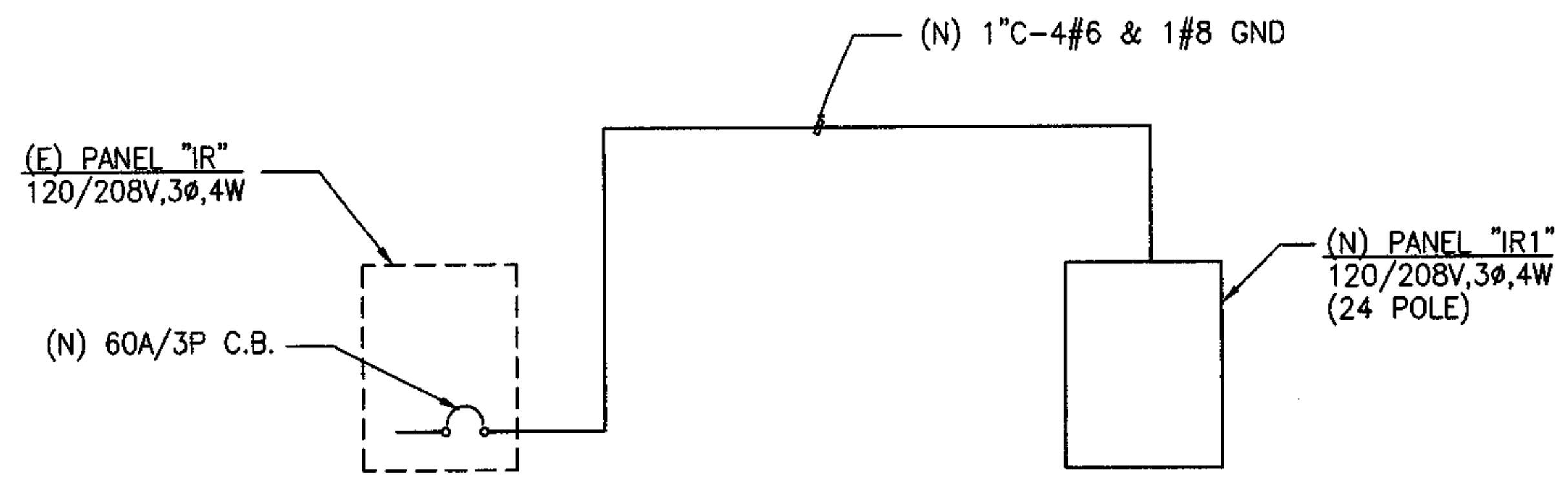


FLOOR PLANS POD'S "H" & "I" - POWER AND SIGNAL

SCALE : 1/8" = 1'-0"

1
E3.5

NORTH



PARTIAL SINGLE LINE DIAGRAM

NOT TO SCALE

2
E3.5

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FLOOR PLANS POD'S "H" & "I" - POWER & SIGNAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

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E3.5

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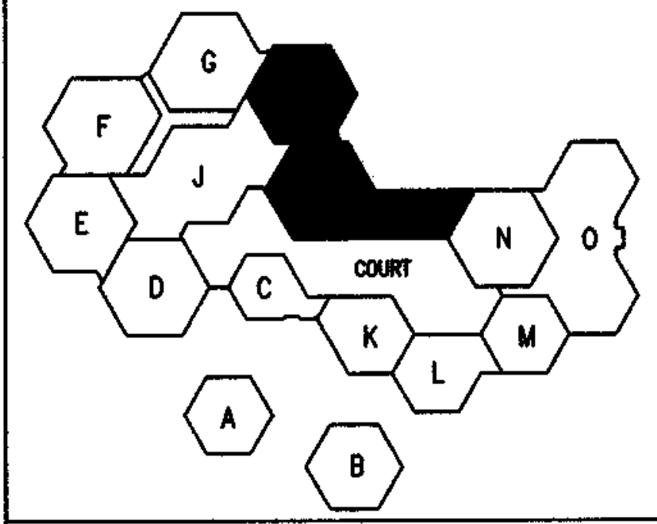

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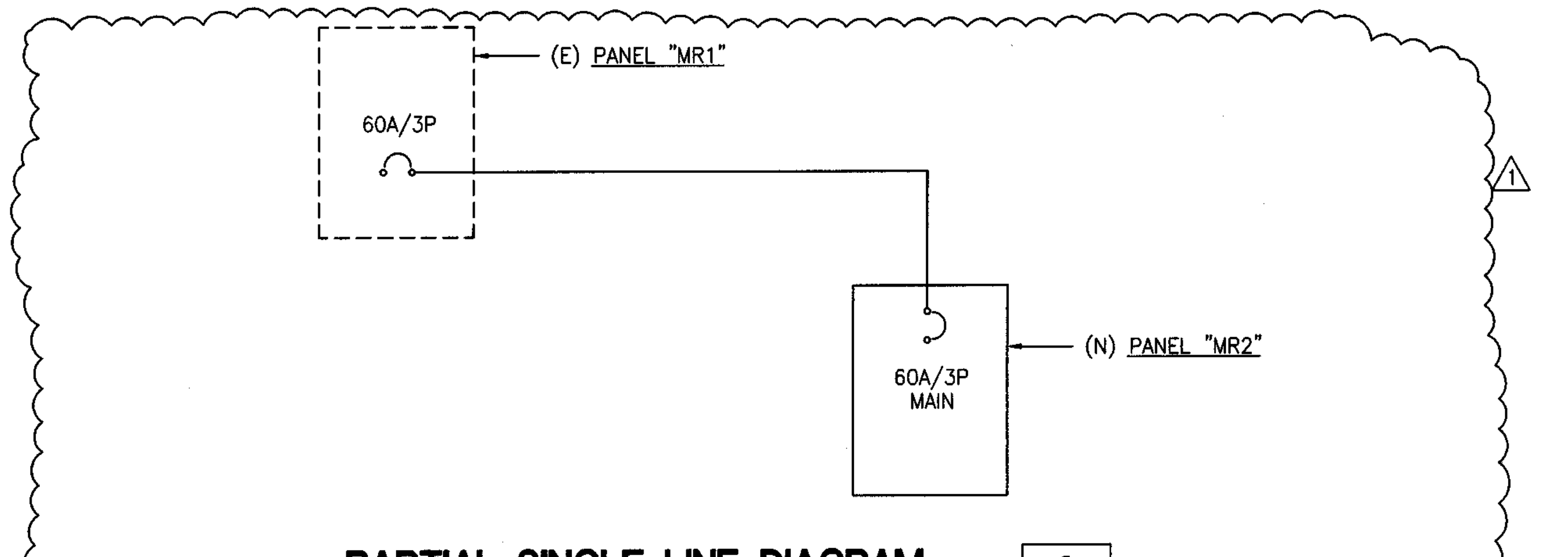
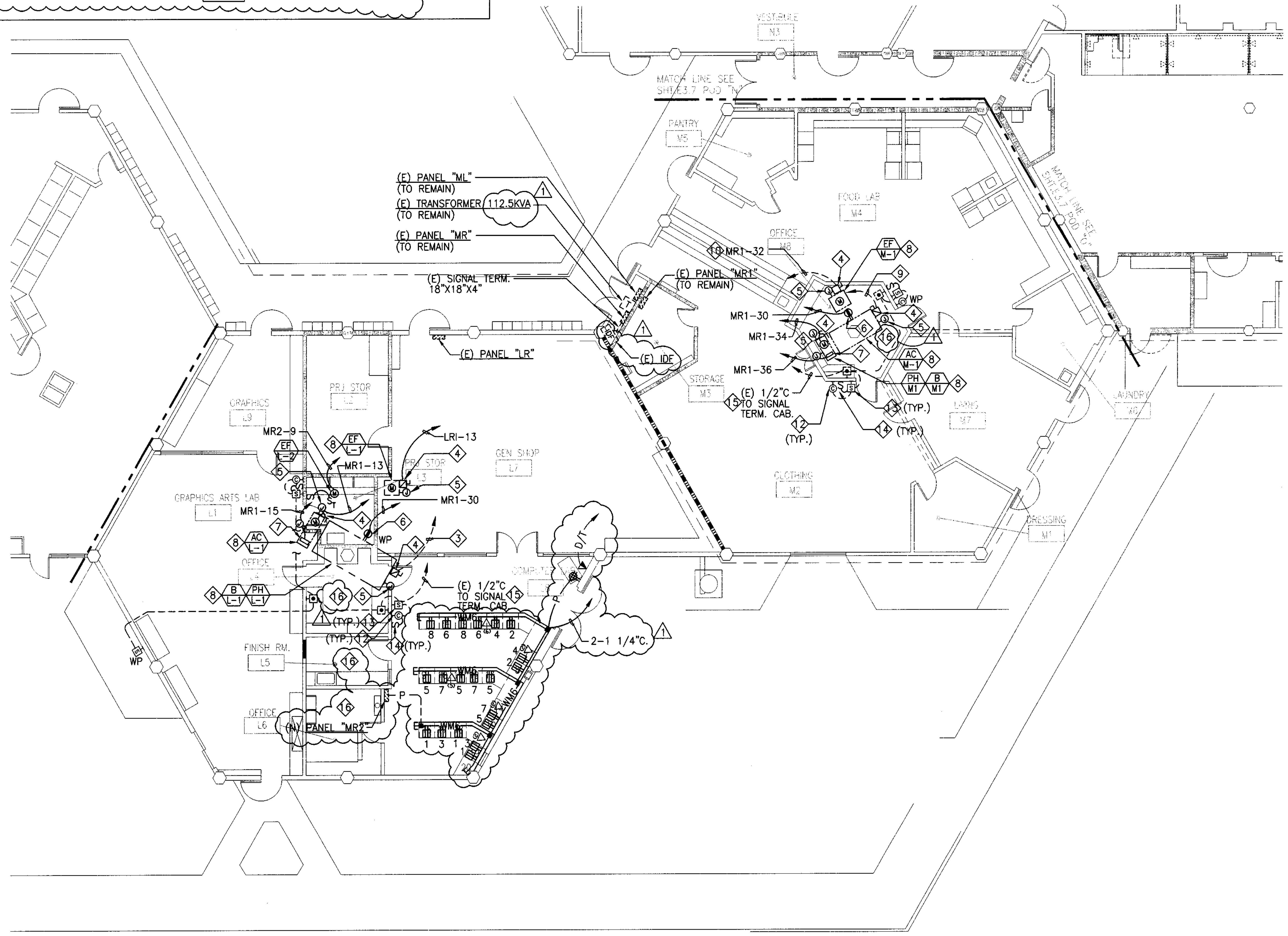


PARTIAL SINGLE LINE DIAGRAM

2

NOT TO SCALE



FLOOR PLANS POD'S "L" AND "M" - POWER AND SIGNAL

1
E3.6

SCALE : 1/8" = 1'-0"

NORTH

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J-BOX.
2. REPLACE (E) RECEPTACLE WITH (N) GFI TYPE RECEPTACLE.
3. PROVIDE AND INSTALL (N) 3#6 AND 1#8 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B. WITH (N) 60A/3P HACR TYPE C.B. IN PANEL "ML". (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
4. PROVIDE AND INSTALL (N) WEATHER PROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
5. PROVIDE AND INSTALL J-BOX FOR CONTROLS OF HVAC UNITS. COORDINATE WITH MECHANICAL.
6. MOUNT RECEPTACLE ON BASE OF AC UNIT.
7. FOR EXACT LOCATION OF CONNECTION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
8. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF HVAC UNITS.
9. PROVIDE AND INSTALL (N) 3#10 AND 1#10 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B. WITH (N) 30A/3P HACR TYPE C.B. IN PANEL "ML". (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
10. PROVIDE AND INSTALL (N) 2#10 AND 1#12 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. INSTALL (N) 30A/1P C.B. IN (E) PANEL. (N) C.B. TYPE AND AIC SHALL MATCH EXISTING.
11. PROVIDE AND INSTALL (N) MOTOR STARTER AND DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4.
12. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
13. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
14. PROVIDE AND INSTALL (N) CALL SWITCH +48" AFF AS SHOWN.
15. SEE CLOCK AND P.A. SYSTEM RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
16. REPLACE (E) DATA OUTLETS AND ASSOCIATED CABLES AND REPLACE WITH (N) CAT6 COMPATIBLE DATA OUTLET. REUSE (E) CONCEALED CONDUITS AND PULL (N) CAT6 CABLES. IF RACEWAY IS EXPOSED, REPLACE WITH NON-METALLIC WIREMOLD. 1

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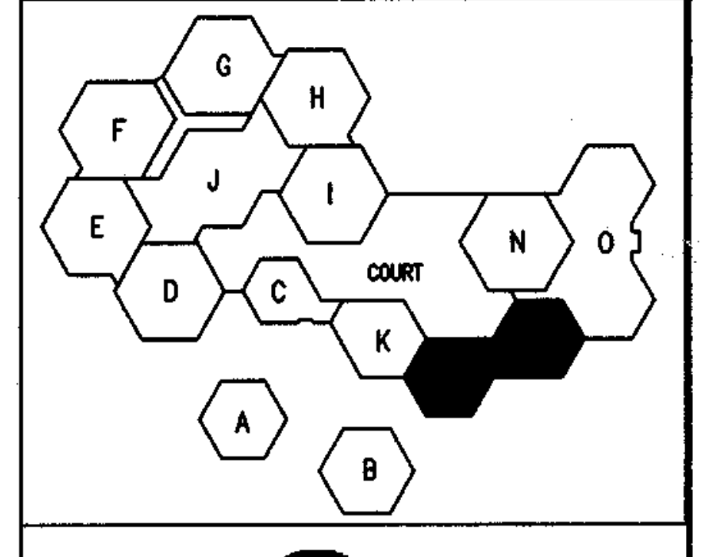
FLOOR PLANS POD'S "L" & "M" - POWER & SIGNAL



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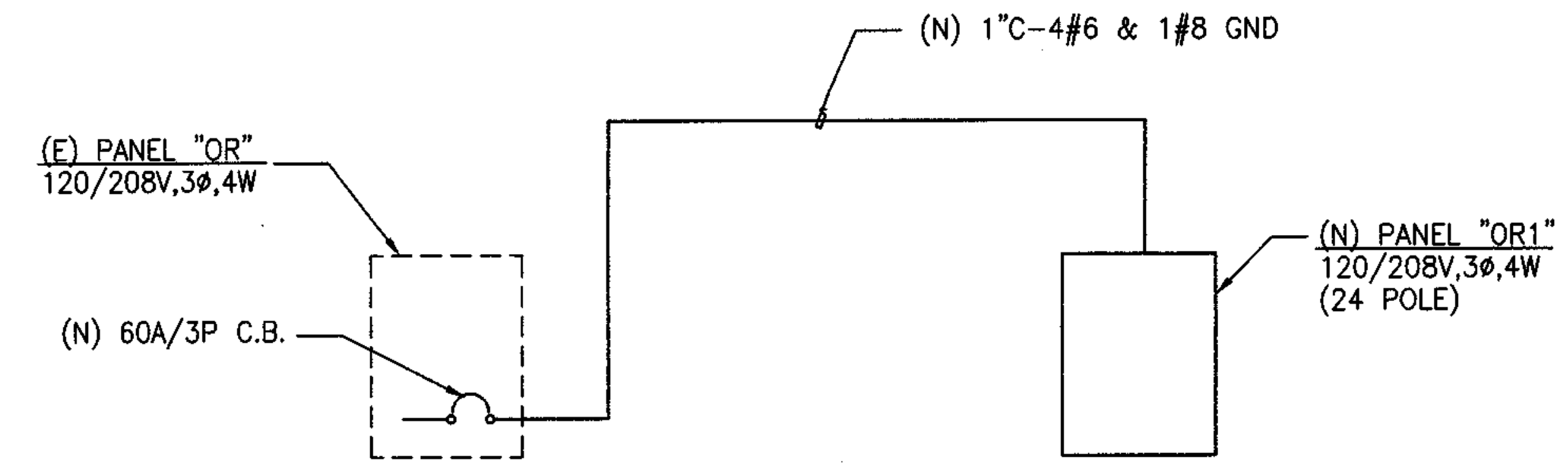
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E3.6

JOB NO: 99041B OF SHEETS

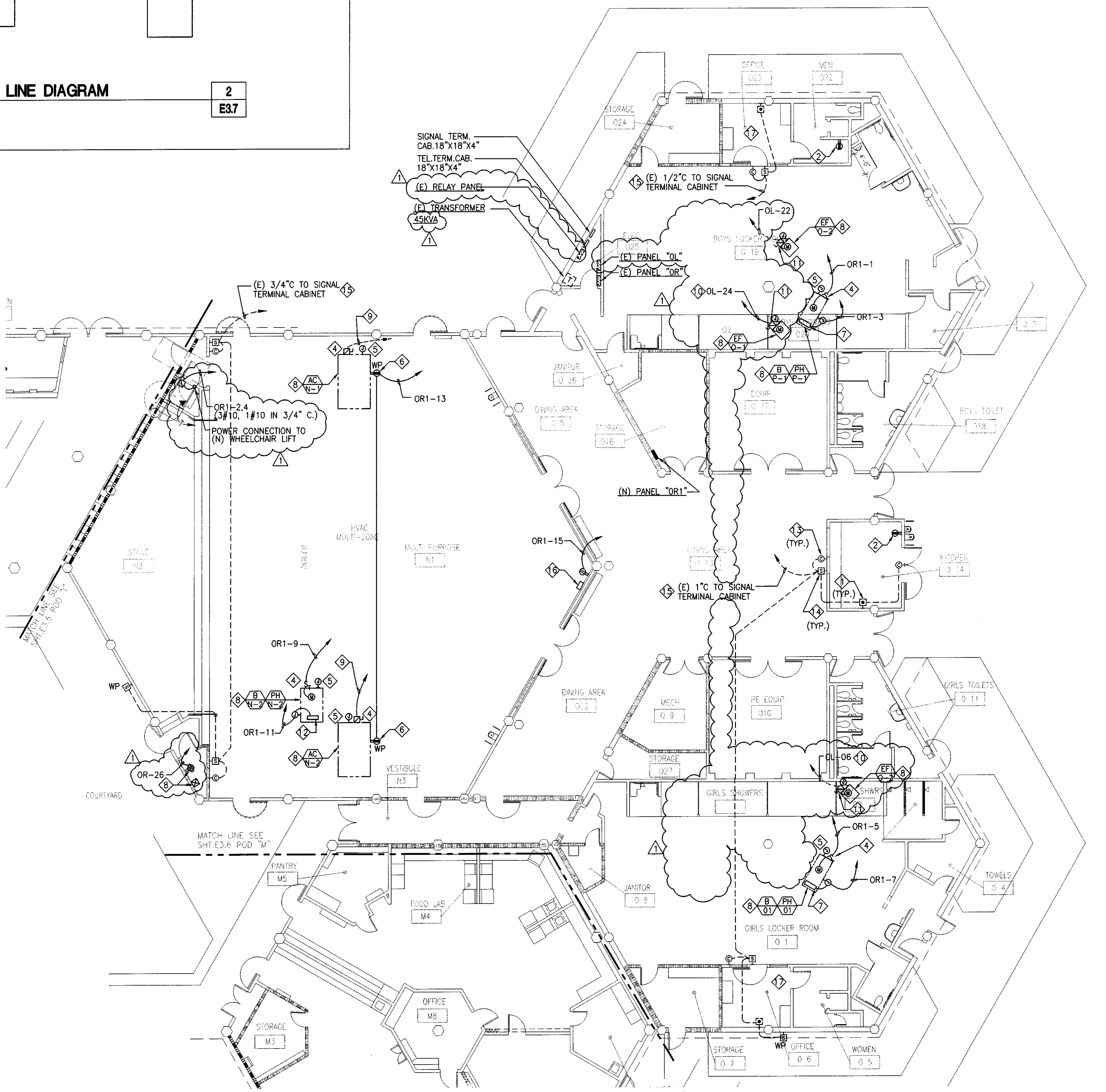
99038/9038E3.5R/11-10-03/EAP/SC/LB/VLV/VCA



PARTIAL SINGLE LINE DIAGRAM

NOT TO SCALE

2
E3.7



FLOOR PLANS POD'S "N" AND "O" - POWER AND SIGNAL

SCALE : 1/8" = 1'-0"

1
E3.7

NORTH

SHEET NOTES

1. REMOVE (E) INTERCOM HAND SET AND BLANK OFF OUTLET. REUSE OUTLET AS J-BOX.
2. REPLACE (E) RECEPTACLE WITH (N) GFI TYPE RECEPTACLE.
3. PROVIDE AND INSTALL (N) 3#10 AND 1#10 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B WITH (N) 30A/3P HACR TYPE C.B. (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
4. PROVIDE AND INSTALL (N) WEATHERPROOF DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4. MOTOR STARTER BY MECHANICAL.
5. PROVIDE AND INSTALL J-BOX FOR CONTROLS OF HVAC UNITS. COORDINATE WITH MECHANICAL.
6. MOUNT RECEPTACLE ON BASE OF AC UNIT.
7. FOR EXACT LOCATION OF CONNECTION TO BOILER CONTROL PANEL, COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
8. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION OF HVAC UNITS.
9. PROVIDE AND INSTALL (N) 3#4 AND 1#8 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REPLACE (E) 100A/3P C.B. WITH (N) 70A/3P HACR TYPE C.B. (N) C.B. TYPE AND AIC SHALL MATCH EXISTING. VERIFY (E) CIRCUIT NUMBERS IN FIELD.
10. PROVIDE AND INSTALL (N) 3#12 AND 1#12 GND IN (E) CONDUIT. EXTEND (N) CONDUIT AND INTERCEPT (E) CONDUIT AS REQUIRED. REUSE (E) C.B. AT (E) PANEL "OL".
11. PROVIDE AND INSTALL (N) MOTOR STARTER AND DISCONNECT SWITCH. SEE MECH. EQUIPMENT SCHEDULE ON E0.4.
12. 1 EQUIPMENT RACK AND POWER OUTLET FOR ASSISTED LISTENING SYSTEM EQUIPMENTS. PROVIDE RACK MOUNT SURGE PROTECTION DEVICE WITH 10 SINGLE POWER OUTLETS MINIMUM. VERIFY EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
13. REPLACE (E) CLOCK UNIT WITH (N) AS SPECIFIED.
14. REPLACE (E) SPEAKER WITH (N) AS SPECIFIED.
15. SEE CLOCK AND P.A. SYSTEM RISER DIAGRAM ON DWG. E5.1 FOR WIRING CONFIGURATION.
16. ASSISTED HEARING DEVICE EQUIPMENT COMPLETE WITH TRANSMITTER AND RECEIVER ACCESSORIES SIMILAR TO PHONIC EAR PE300R RECEIVER OR APPROVED EQUAL.
17. 1 REPLACE (E) DATA OUTLETS WITH (N) CAT6 COMPATIBLE OUTLET. REUSE (E) CONCEALED CONDUITS AND PULL (N) IF RACEWAY ARE EXPOSED, REPLACE WITH (N) NON-METALLIC WIREMOLD.

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AUTHORITY APPROVAL

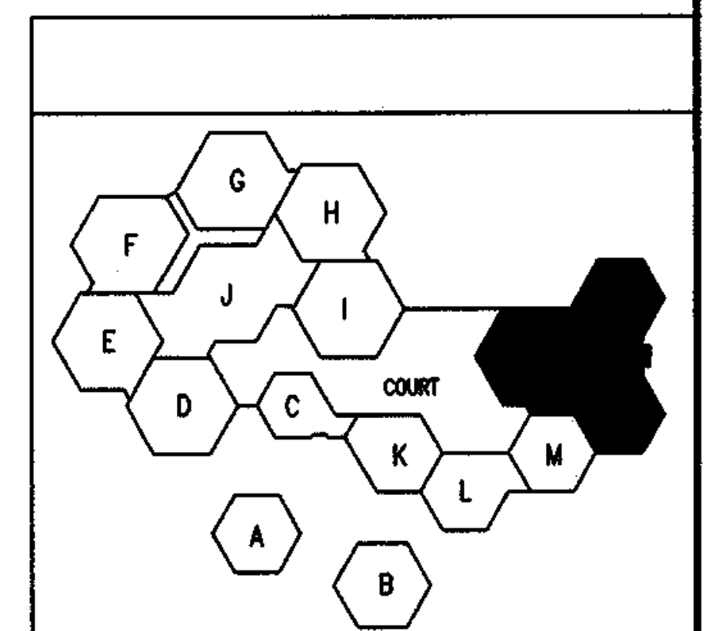
FLOOR PLANS POD'S "N" & "O" - POWER & SIGNAL

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E3.7

JOB NO: 99041B OF SHEETS



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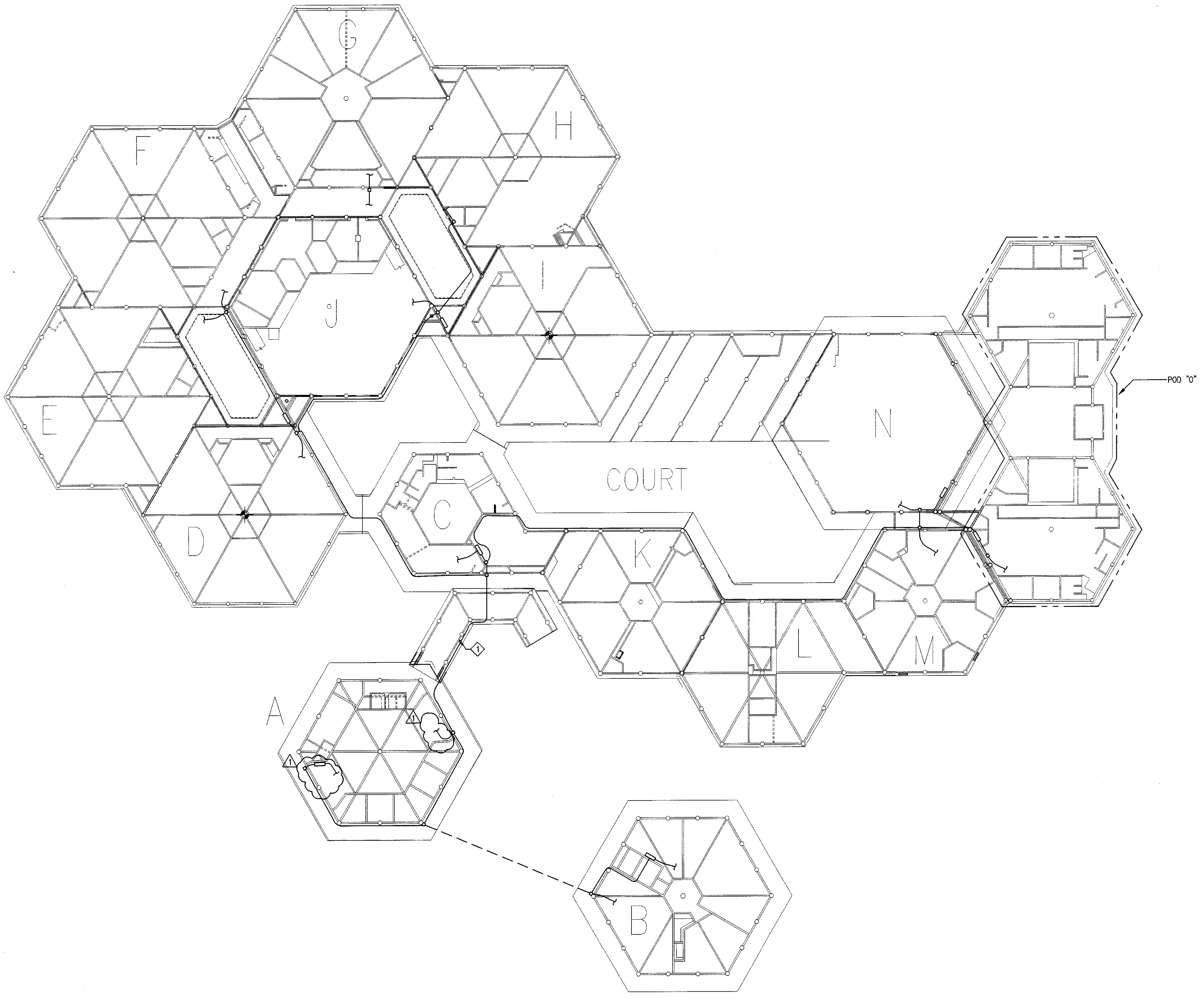
99038/9038E3.7/11-11-03\AMA

SHEET NOTES

1. RUN CONDUIT UNDER EAVE OR ROOF.



SITE PLAN - FIRE ALARM SYSTEM

1
E4.0S

1"=20'-0

NOTE: REFER TO WIRING SCHEDULE ON SHEET E4.0S FOR TYPE OF WIRES.

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AUTHORITY APPROVAL

SITE PLAN-
FIRE ALARM-
SYSTEM

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: JDP CHECKED BY: ACJ

E4.0S

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PAD-2 BATTERY CALCULATION (POD "J")

PAD-2 BATTERY CALCULATION (POD "J")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	2				0.150
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	WP HORNS	2	0.038	0.076
	STROBES (15CD)	4	0.059	0.236
	STROBES (30CD)	2	0.088	0.176
	STROBES (75CD)	4	0.170	0.680
	HORN/STROBE (15CD)	2	0.082	0.164
	HORN/STROBE (30CD)	2	0.111	0.222
	HORN/STROBE (75CD)	5	0.193	0.965
	HORN/STROBE (110CD)	1	0.272	0.272
	HEAT DETECTOR	1	0.050	0.050
			TOTAL ALARM CURRENT (AMPS)	2.865

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.150 AMPS x 24 HR
= 3.6 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
2.865 AMPS x .083 HR
= 0.237795 (AMP/HR)

C = A + B
= 3.837795 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 3.837795 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 3.162205 AMP/HOUR

PAD-2 BATTERY CALCULATION (POD "0")

PAD-2 BATTERY CALCULATION (POD "O")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	1				0.075
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	WP HORNS	2	0.038	0.076
	STROBES (15CD)	15	0.059	0.885
	STROBES (30CD)	4	0.088	0.352
	HORN/STROBE (15CD)	2	0.082	0.164
	HORN/STROBE (30CD)	1	0.111	0.111
	HORN/STROBE (75CD)	6	0.193	1.158
	HORN/STROBE (110CD)	5	0.272	1.360
			TOTAL ALARM CURRENT (AMPS)	4.206

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.075 AMPS x 24 HR
= 1.8 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
4.206 AMPS x .083 HR
= 0.349098 (AMP/HR)

C = A + B
= 2.149098 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 2.149098 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 4.850902 AMP/HOUR

FACP (MXL-IQ) BATTERY CALCULATION

FACP (MXL-IQ) BATTERY CALCS					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SMB-2 MAIN CONTROL BOARD	1	0.175			0.175
ALD LOOP	2			0.06	0.12
IAC CIRCUIT	2		0.012		0.024
MKB-4 ANNUNCIATOR/KEYBOARD	1	0.005			0.005
CSM-4 CONTROL SIGNAL MODULE	0	0.01	0.012		0
ALD-2I ANALOG LOOP DRIVER	0	0.175			0
TOTAL SUPERVISORY CURRENT (AMPS)					0.324

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	WP HORNS	1	0.038	0.038
	STROBES (15CD)	3	0.059	0.177
	STROBES (30CD)	1	0.088	0.088
	HORN/STROBE (75CD	2	0.193	0.386
	SMOKE DETECTOR	18	0.075	1.350
	DUCT DETECTOR HOUSING	17	0.050	0.850
			TOTAL ALARM CURRENT (AMPS)	2.889

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.324 AMPS x 24 HR
= 7.776 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
2.889 AMPS x .083 HR
= 0.239787 (AMP/HR)

C = A + B
= 8.015787 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED? PS-12330 (2)
BATTERY SIZE.........?. 33 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 8.015787 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 24.984213 AMP/HOUR

LEGEND

△1

SYMBOL	PART NUMBER	DESCRIPTION	CAT #	CSFM
FACP	AFP-400	FIRE ALARM CONTROL PANEL		7165-0028:181
PAD-2	FCPS-24(E)	REMOTE AUXILIARY POWER SUPPLY		7315-0028:178
F	NBG-12LX	ADDRESSABLE MANUAL PULL STATION		7150-0028:199
Ⓢ	FSP-851	INTELLIGENT PHOTO SMOKE DETECTOR		7272-0028:206
	B710LBP	STANDARD DETECTOR BASE		7300-0028:173
Ⓢ$_D$	FSD-751P	INTELLIGENT DUCT SMOKE DETECTOR		3240-0028:205
Ⓗ	FST-851	INTELLIGENT THERMAL DETECTOR		7270-0028:196
F◀$_{15}$	P1224MC	15/75CD HORN/STROBE		7125-0067:210
F◀$_{30}$	P1224MC	30CD HORN/STROBE		7125-0067:210
F◀$_{75}$	P1224MC	75CD HORN/STROBE		7125-0067:210
F◀$_{110}$	P1224MC	110CD HORN/STROBE		7125-0067:210
	MDL	SYNC-CIRCUIT MODULE		7125-0067:210
F◁$_{15}$	S1224MC	15/75CD STROBE		7125-0067:205
F◁$_{30}$	S1224MC	30CD STROBE		7125-0067:205
F◁$_{75}$	S1224MC	75CD STROBE		7125-0067:205
F◁$_{110}$	S1224MC	110CD STROBE		7125-0067:205
F◀$_{WP}$	NH-12/24-R	W.P. HORN		7135-0067:211
	WBB-R	W.P. BACKBOX		N.A.
	PS SERIES	7AH AND 33 AH BATTERIES		----

PAD-2 BATTERY CALCULATION (POD "H")

PAD-2 BATTERY CALCULATION (POD "H")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	1				0.075
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	STROBES (15CD)	6	0.059	0.354
	STROBES (30CD)	1	0.088	0.088
	STROBES (75CD)	3	0.170	0.510
	HORN/STROBE (15CD)	1	0.082	0.082
	HORN/STROBE (30CD)	1	0.111	0.111
	HORN/STROBE (75CD)	3	0.193	0.579
	HORN/STROBE (110CD)	4	0.272	1.088
			TOTAL ALARM CURRENT (AMPS)	2.558

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.075 AMPS x 24 HR
= 1.8 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
2.558 AMPS x .083 HR
= 0.212314 (AMP/HR)

C = A + B
= 2.012314 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 2.012314 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 4.987686 AMP/HOUR

PAD-2 BATTERY CALCULATION (POD "N")

PAD-2 BATTERY CALCULATION (POD "N")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	1				0.075
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	STROBES (30CD)	2	0.088	0.176
	HORN/STROBE (30CD)	2	0.111	0.222
	HORN/STROBE (75CD)	3	0.193	0.579
			TOTAL ALARM CURRENT (AMPS)	1.077

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.075 AMPS x 24 HR
= 1.8 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
1.077 AMPS x .083 HR
= 0.089391 (AMP/HR)

C = A + B
= 1.889391 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 1.889391 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 5.110609 AMP/HOUR

PAD-2 BATTERY CALCULATION (POD "B")

PAD-2 BATTERY CALCULATION (POD "B")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	1				0.075
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	WP HORNS	2	0.038	0.076
	STROBES (15CD)	2	0.059	0.118
	STROBES (30CD)	2	0.088	0.176
	HORN/STROBE (30CD)	4	0.111	0.444
			TOTAL ALARM CURRENT (AMPS)	0.838

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.075 AMPS x 24 HR
= 1.8 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
0.838 AMPS x .083 HR
= 0.069554 (AMP/HR)

C = A + B
= 1.869554 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 1.869554 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 5.130446 AMP/HOUR

GENERAL NOTES - FIRE ALARM SYSTEM

1. POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH A RED MARKING AND IDENTIFIED AS "FIRE ALARM CIRCUIT CINTROL". (NFPA 72 SEC. 1-5.28.2)
2. PROVIDE TEMPORAL-THREE DISTINCTIVE FIRE ALARM SOUND. (CFC SEC. 1007.3.3.3.2, NFPA 72 SEC.3-7.2)
3. AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15 dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIABLE AREAS. (NFPA 72 SEC. 6-3.1.2) (i.e CLASSROOM AVERAGE AMBIENT ROOM NOISE IS 45 dBA PLUS 15 dBA= 60 dBA MINIMUM ALARM TONE REQUIRED.)
4. CBC SEC.3501.1 AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC MODE SHOULD HAVE A SOUND LEVEL OF NOT LESS THAN 75 dBA AT 10 FEET OR MORE THAN 110 dBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE.
5. UNDERGROUND AND EXTERIOR CONDUITS WILL HAVE WATER-TIGHT FITTINGS. (CEC 110-11 AND 300-6).
6. FIRE ALARM DEVICE MOUNTING HEIGHTS.
   - A. PULL STATION: 48" TO CENTER LINE OF DEVICE ABOVE FINISHED FLOOR. (CEC 760-9).
   - B. HORN INTERIOR: 90" TO TOP OF DEVICE ABOVE FINISHED FLOOR, NOT LESS THAN 6" FROM CEILING. (NFPA 72 - 6-3.7).
   - C. WALL MOUNTED STROBE OR HORN /STROBE: 80" TO BOTTOM OF DEVICE AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR, NOT LESS THAN 6" FROM CEILING. (NFPA 72 - 6-4.4).
7. AUDIBLE DEVICES SHALL SOUND THE CALIFORNIA UNIFORM FIRE ALARM SIGNAL IN TEMPORAL MODE.
8. PROVIDE AT LEAST ONE EXTERIOR ON BUILDINGS FOR E OCCUPANCIES. (CFC 1007.2.4.1
9. VISUAL DEVICES SHALL NOT EXCEED 3 FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN 1 FLASH EVERY SECOND. (NFPA 72 - 6-4.2).
10. CONDUCORS INSTALLED IN WET LOCATION EITHER ABOVE OR BELOW GOUND SHALL BE MOISTURE- RESISTANT OR OF A TYPE OF APPROVED FOR USE UNDER WET CONDITIONS (CALIFORNIA ELECTRICAL CODE (CEC), SECTION 310-8.1).
11. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF CEC. INTALLATION OF FIRE ALARM SYSTEM SAHLL NOT BE STARTED UNTIL DETAILED PLANS SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHALL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM, HAVE BEEN APPROVED BY DSA-ORS. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE MADE IN THE PRESENCE OF THE FIRE AUTHORITY HAVING THE JURISDICTION AND THE DSA INSPECTOR OF RECORD (IOR).
12. FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF DATE AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN AVAILABLE.
13. FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR) / DSA AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TEST. (1996 NFPA 72 SEC. 1-7.2.1 & FIGURE 1-7.2.1)

FIRE ALARM SYSTEM SEQUENCE OF OPERATION

1. THE ACTIVATION ANY MANUAL PULL STATION, WATERFLOW SWITCH, DUCT OR AREA SMOKE DETECTOR, OR KITCHEN HOOD SYSTEM SHALL:
   - A. ANNUNCIATE AN AUDIBLE AND VISUAL SIGNAL AT THE MAIN FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR.
   - B. ACTIVATE THE BUILDING VISUAL AND AUDIBLE EVACUATION SIGNALS THROUGHOUT.
2. ACTIVATION OF THE MASTER PULL STATION, DUCT OR AREA SMOKE DETECTORS, OR HEAT DETECTORS SHALL TRANSMIT AN ALARM SIGNAL TO THE ALARM MONITORING CO.
3. ACTIVATION OF THE CITY BOX SHALL ANNUNCIATE A TROUBLE CONDITION AT THE FIRE ALARM CONTROL PANEL.
4. SYSTEM TROUBLE SIGNALS SHALL CAUSE AN AUDIBLE ALARM TO SOUND AND A VISUAL SIGNAL TO ILLUMINATE AT THE MAIN FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR INDICATING THE TYPE OF TROUBLE AND AREA OF TROUBLE.
5. IN THE EVENT A FIRE ALARM SYSTEM IS DISABLED, FIRE WATCH THROUGH THE DISTRICT'S ALARM MONITORING CO. CONTRACT MUST BE ARRANGED BY THE DISTRICT PROJECT MANAGER AND PAID FOR BY THE CONTRACTOR. CONTRACTOR TO ALSO MAKE THE FOLLOWING ARRANGEMENTS:
   - A. NOTIFY THE LOCAL FIRE DEPARTMENT WHEN SYSTEM IS PLACED OUT OF SERVICE AND WHEN IT IS RECONNECTED.
   - B. SIGNS TO BE POSTED AT ALL PULL STATIONS AND FACP TO CALL 911 IN CASE OF FIRE.
6. AFTER THE ALARM HAS SOUNDED:
   - A. EVACUATE THE BUILDINGS.
   - B. INVESTIGATE THE LOCATION OF THE INITIATING ALARM SIGNAL AND VERIFY EVERYTHING IS CLEAR AT SOURCE OF FIRE ALARM SIGNAL BEFORE RESETTING THE ALARM.
   - C. IF A FIRE CONDITION IS FOUND, ACTIVATE THE MASTER PULL STATION.
7. PROVIDE ITEM #6 IN 12"x6" ENGRAVED PHENOLIC PLATE WITH RED BACKGROUND AND WHITE LETTERS. POST ADJACENT TO ALL FIRE ALARM CONTROL PANEL.

PAD-2 BATTERY CALCULATION (POD "D")

PAD-2 BATTERY CALCULATION (POD "D")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	1				0.075
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	WP HORNS	2	0.038	0.076
	STROBES (15CD)	9	0.059	0.531
	STROBES (30CD)	1	0.088	0.088
	STROBES (75CD)	7	0.170	1.190
	HORN/STROBE (15CD)	5	0.082	0.41
	HORN/STROBE (30CD)	1	0.111	0.111
	HORN/STROBE (75CD)	6	0.193	1.158
	HORN/STROBE (110CD)	4	0.272	1.088
			TOTAL ALARM CURRENT (AMPS)	4.676

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.075 AMPS x 24 HR
= 1.8 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
4.676 AMPS x .083 HR
= 0.388108 (AMP/HR)

C = A + B
= 2.188108 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 2.188108 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 4.811892 AMP/HOUR

PAD-2 BATTERY CALCULATION (POD "C")

PAD-2 BATTERY CALCULATION (POD "C")					
SUPERVISORY CURRENT					
DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPERVISORY CURRENT	1				0.075
ALARM CURRENT	1				0.1
TOTAL SUPERVISORY CURRENT (AMPS)					

CKT	DEVICE DESCRIPTION	QTY	DEVICE CURRENT RATING	TOTAL CKT CURRENT LOAD
	WP HORNS	1	0.038	0.038
	STROBES (15CD)	5	0.059	0.295
	STROBES (30CD)	2	0.088	0.176
	STROBES (75CD)	1	0.170	0.170
	HORN/STROBE (15CD)	1	0.082	0.082
	HORN/STROBE (30CD)	1	0.111	0.111
	HORN/STROBE (75CD)	4	0.193	0.772
			TOTAL ALARM CURRENT (AMPS)	1.706

SUMMARY

A = TOTAL SUPERVISORY CURRENT
x SUPERVISORY TIME REQUIRED
0.075 AMPS x 24 HR
= 1.8 (AMP/HR)

B = TOTAL ALARM CURRENT
x ALARM TIME REQUIRED
1.706 AMPS x .083 HR
= 0.141598 (AMP/HR)

C = A + B
= 1.941598 (AMP/HR)

SUPERVISORY TIME REQUIRED----------24 HR
ALARM TIME REQUIRED------5 MINS. or .083 HR

BATTERY PROVIDED..... PS-1270 (2)
BATTERY SIZE.............. 7 (AMP/HR)

TOTAL SYSTEM REQUIRED (A/H)
= 1.941598 AMP/HOUR
BATTERY RESERVE AFTER
24 HOURS SUPERVISORY
& 5 MINUTES ALARM (AMP/HOUR)
= 5.058402 AMP/HOUR

POLA
DESIGN | ENGINEERING SERVICES
101 SPEAR STREET SUITE 225
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VBN ARCHITECTS
560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐	IL KWON CHA	AIA
■	LEE KARNEY	AIA
☐	FRANZ STEINER	AIA
☐	ELIEZER M. NAOR	AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM No E15401

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION
1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC____ F/LS____ SS____
APPL NO.______ DATE______

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC_____ FLS_____ SS_____
DATE__________

AUTHORITY APPROVAL

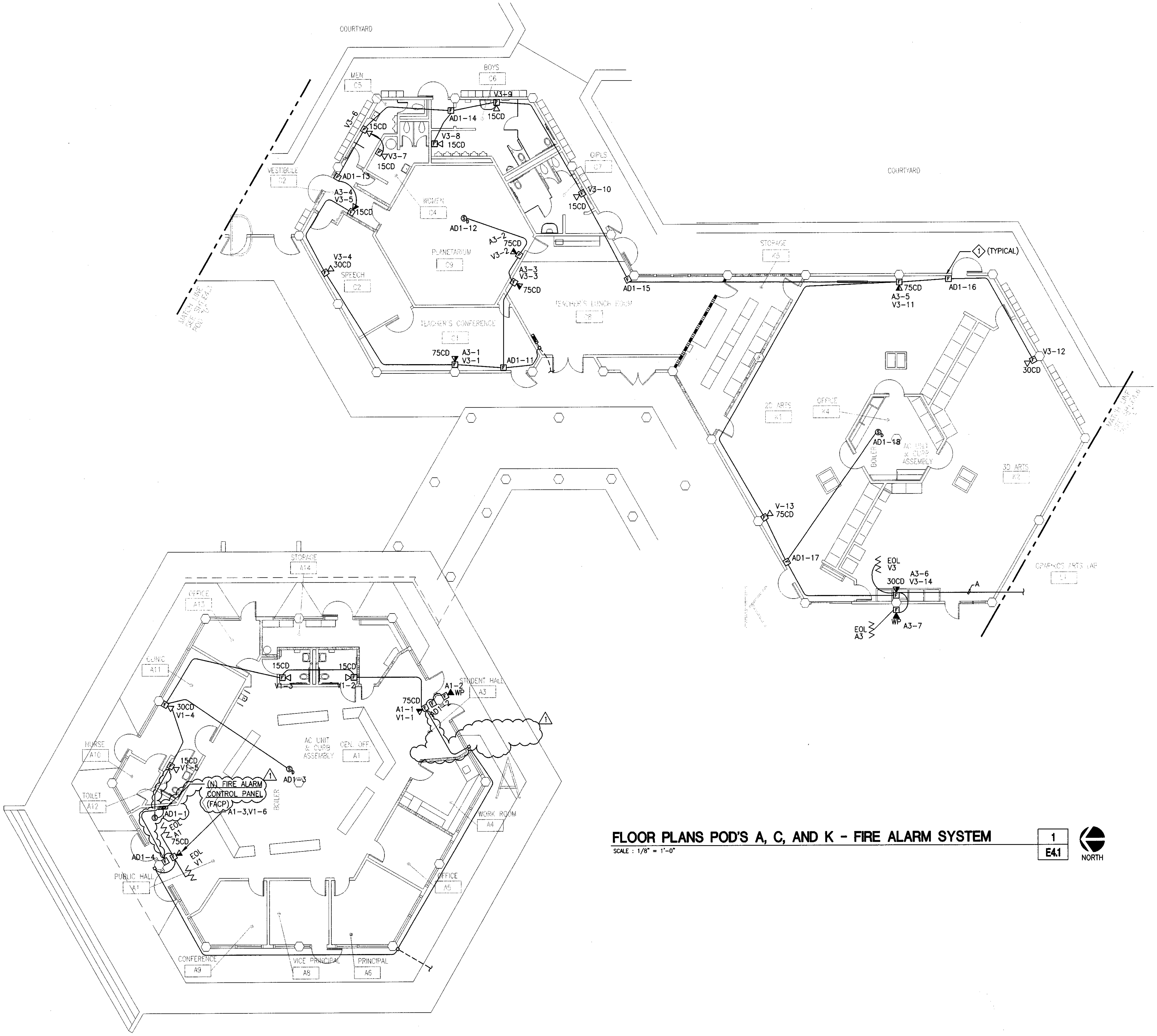
FIRE ALARM
LEGEND, BAT.
CALC., VOLT.
DROP AND
NOTES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: JDP CHECKED BY: ACJ

E4.0

JOB NO: 99041B OF SHEETS



FLOOR PLANS POD'S A, C, AND K - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.1

NORTH

560 14TH STREET,
OAKLAND, CA 94612
TELEPHONE (510)763-1313

☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 31583
EXP: 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM
No E15401
EXP 06-30-03
ELECTRICAL

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___
APPL.NO. 01-101836 DATE 11-17-03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01
AC ___ FLS ___ SS ___
DATE ___

AUTHORITY APPROVAL

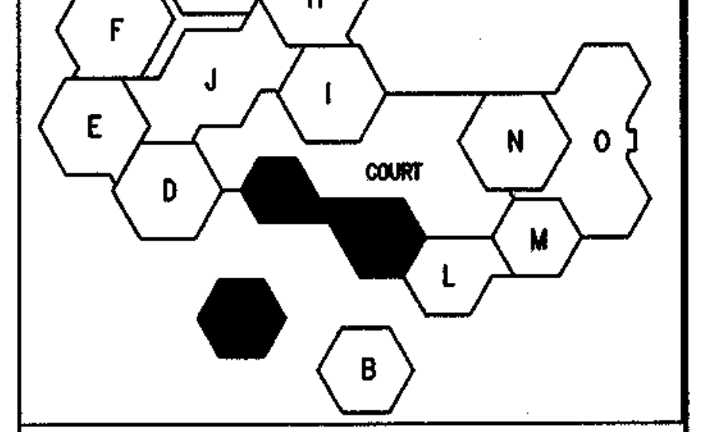
FLOOR PLANS
POD'S A, C &
K - FIRE
ALARM SYSTEM

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: CHECKED BY:

E4.1

JOB NO: 99041B OF SHEETS



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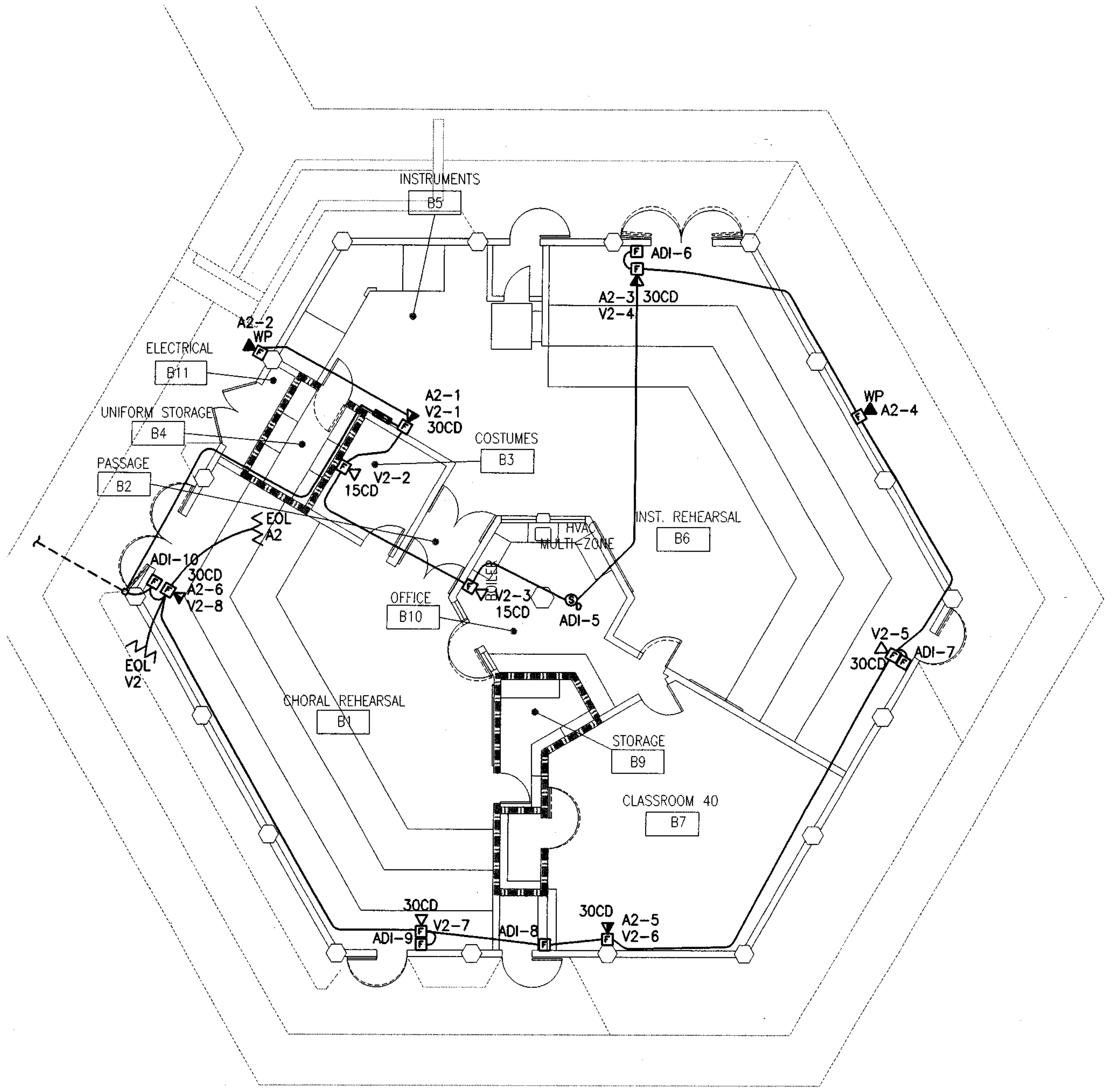
99038/9038E4.1R/11-10-03/SC/LB/VCA/VLV

SHEET NOTES

①



FLOOR PLANS POD "B" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.2

NORTH

VBN ARCHITECTS

501 14TH STREET,
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☐ IL KWON CHA AIA
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LEE KARNEY
C 3158
EXP: 12/31/99

ARCHITECT'S STAMP

PEPITO O. LAPID
No E9154
EXP. 09-30-01

CONSULTANT'S STAMP

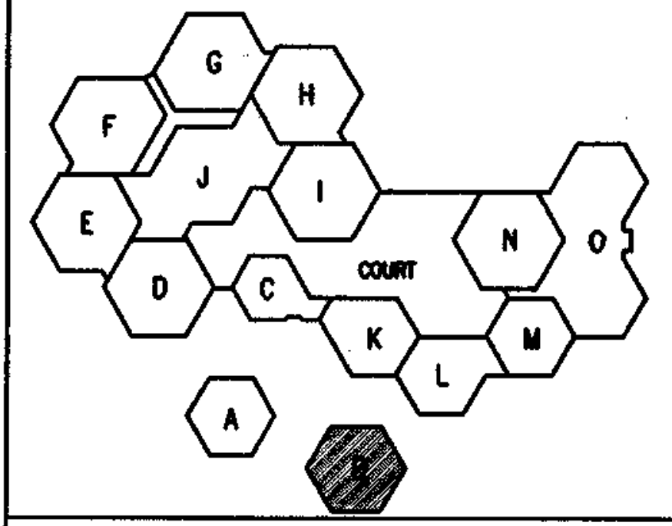
BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO-FOSTER CITY SCHOOL DISTRICT

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 [illegible]
AC LWY FLS SS MTS
DATE DEC 3 0 1999

AUTHORITY APPROVAL

KEY PLAN



PETE O. LAPID & ASSOCIATES, INC.
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FLOOR PLAN POD "B" - FIRE ALARM SYSTEM

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: EAP CHECKED BY: ACJ/ELL

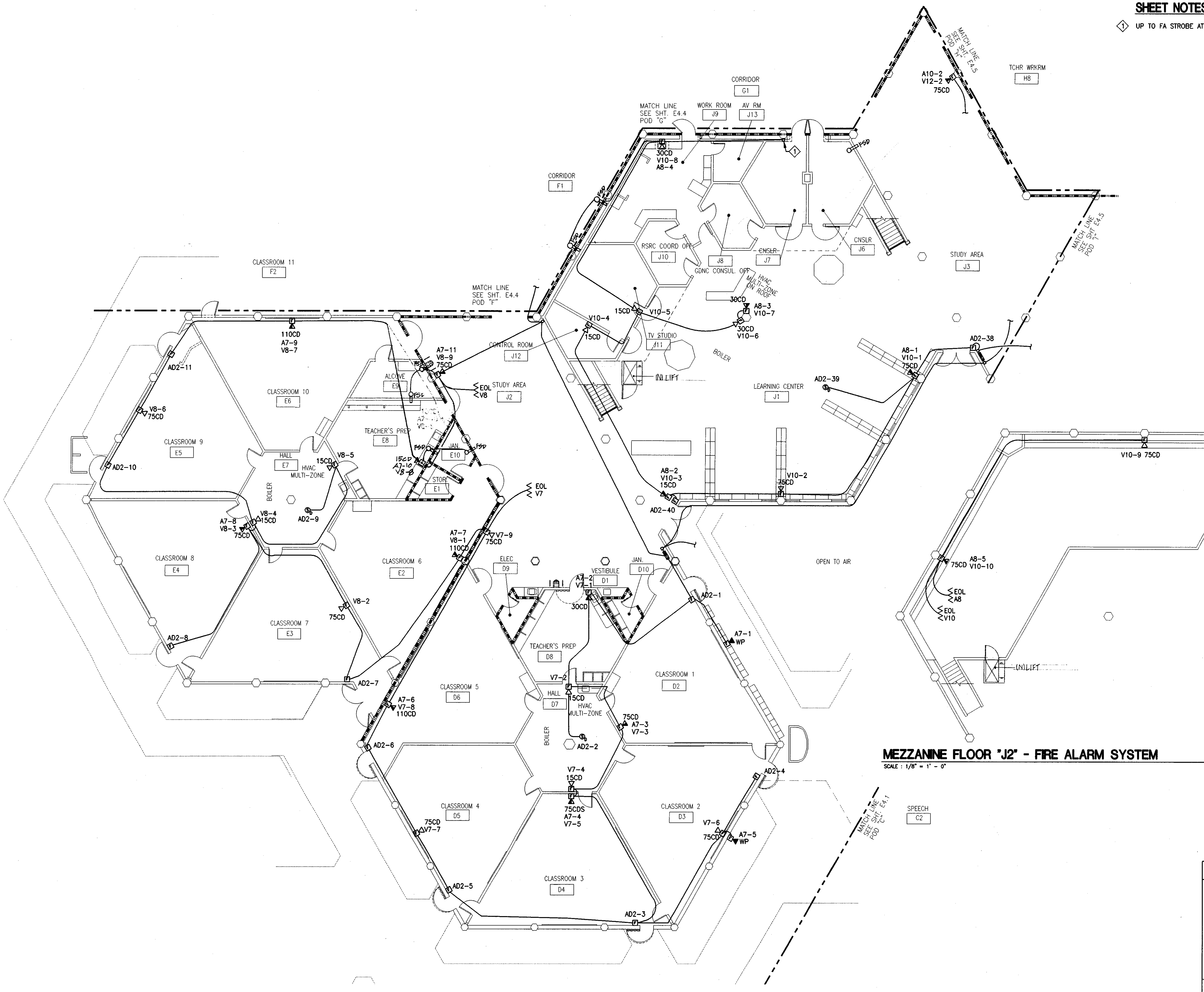
E4.2

JOB NO: 99041B OF SHEETS

99038/9038E4.2/11-04-99/SC/LB

SHEET NOTES

1 UP TO FA STROBE AT MEZZANINE FLOOR ABOVE



MEZZANINE FLOOR "J2" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1' - 0"

2
E4.3
NORTH

FLOOR PLANS POD'S "D", "E" & "J" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.3
NORTH

VBN

501 14TH STREET,
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■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP: 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER
PEPITO O. LAPID
No E9154
EXP. 09-30-01
ELECTRICAL
STATE OF CALIFORNIA

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 01 10.036
AC MTS
DATE DEC 30 1999

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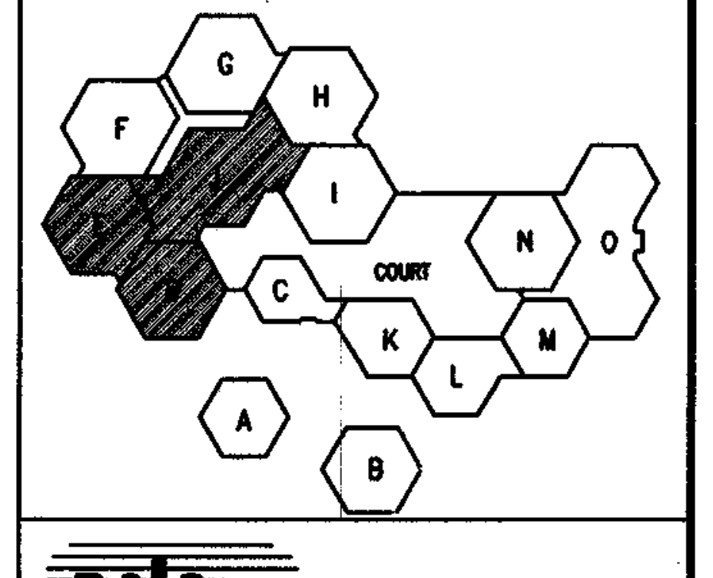
FLOOR PLANS POD'S "D" "E" "J" AND MEZZ. "J2" - FIRE ALARM SYSTEM

KEY PLAN



DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

DRAWN BY: EAP CHECKED BY: ACJ/ELL

pola

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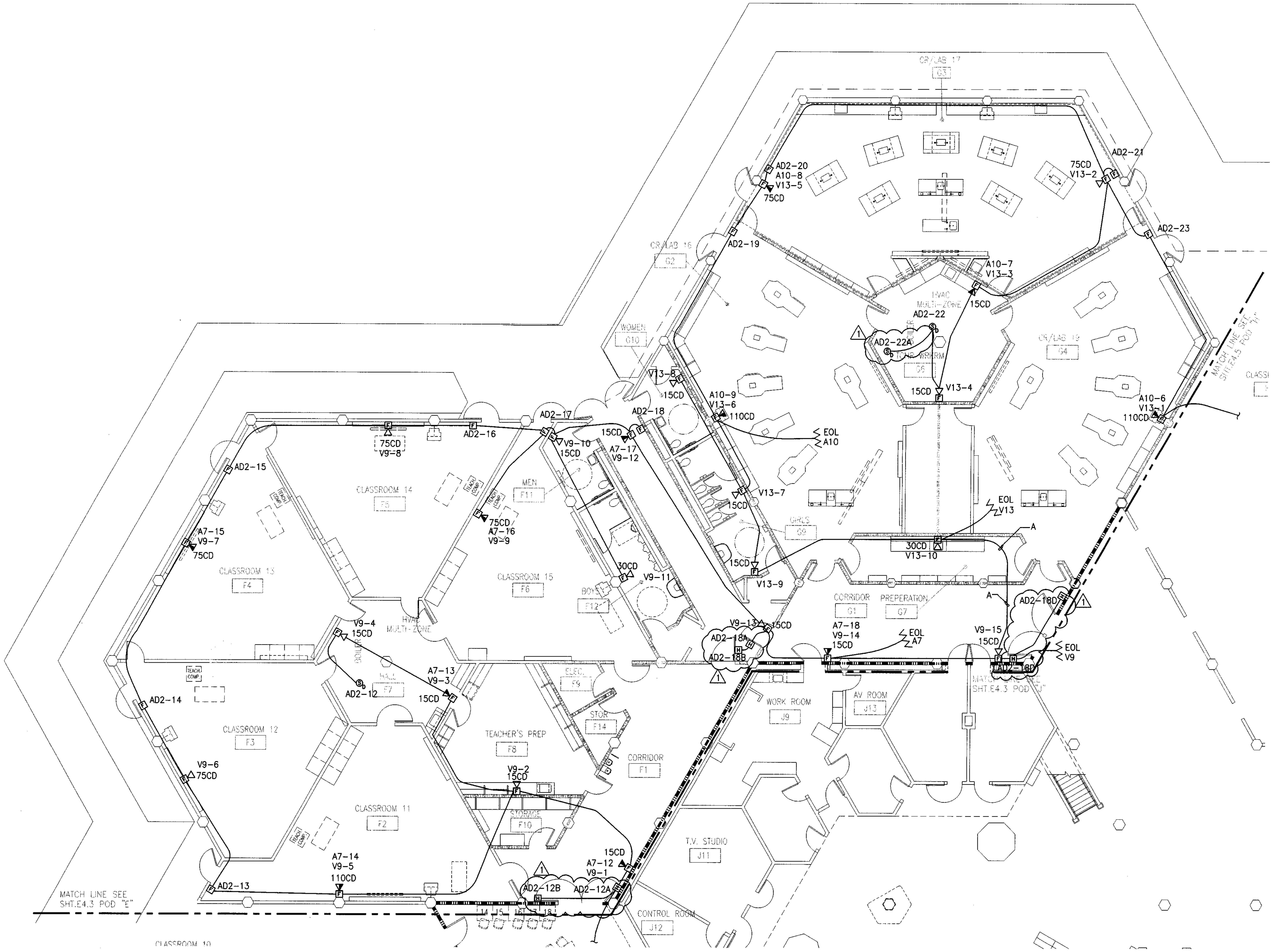
E4.3

JOB NO: 99041B OF SHEETS

99038/9038E4.3/11-04-99/SC/LB



FLOOR PLANS POD'S "F" AND "G" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.4

NORTH

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APPL NO. 01-101826 DATE 11-17-03

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DIVISION OF THE STATE ARCHITECT

APPL 01

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DATE _____

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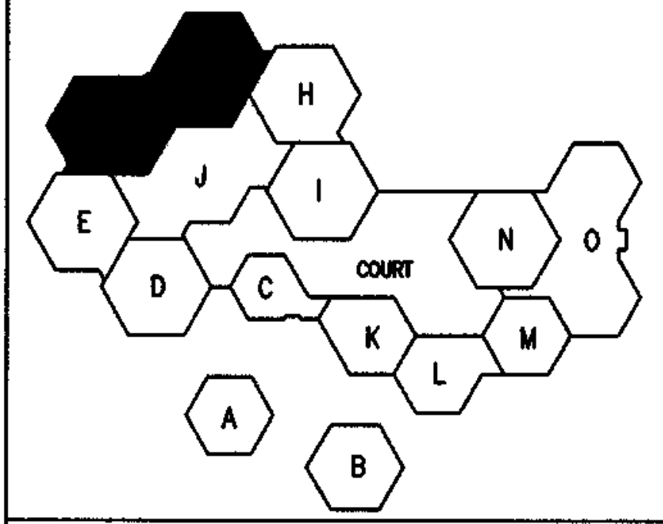
FLOOR PLANS POD'S "F" & "G" - FIRE ALARM SYSTEM



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07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

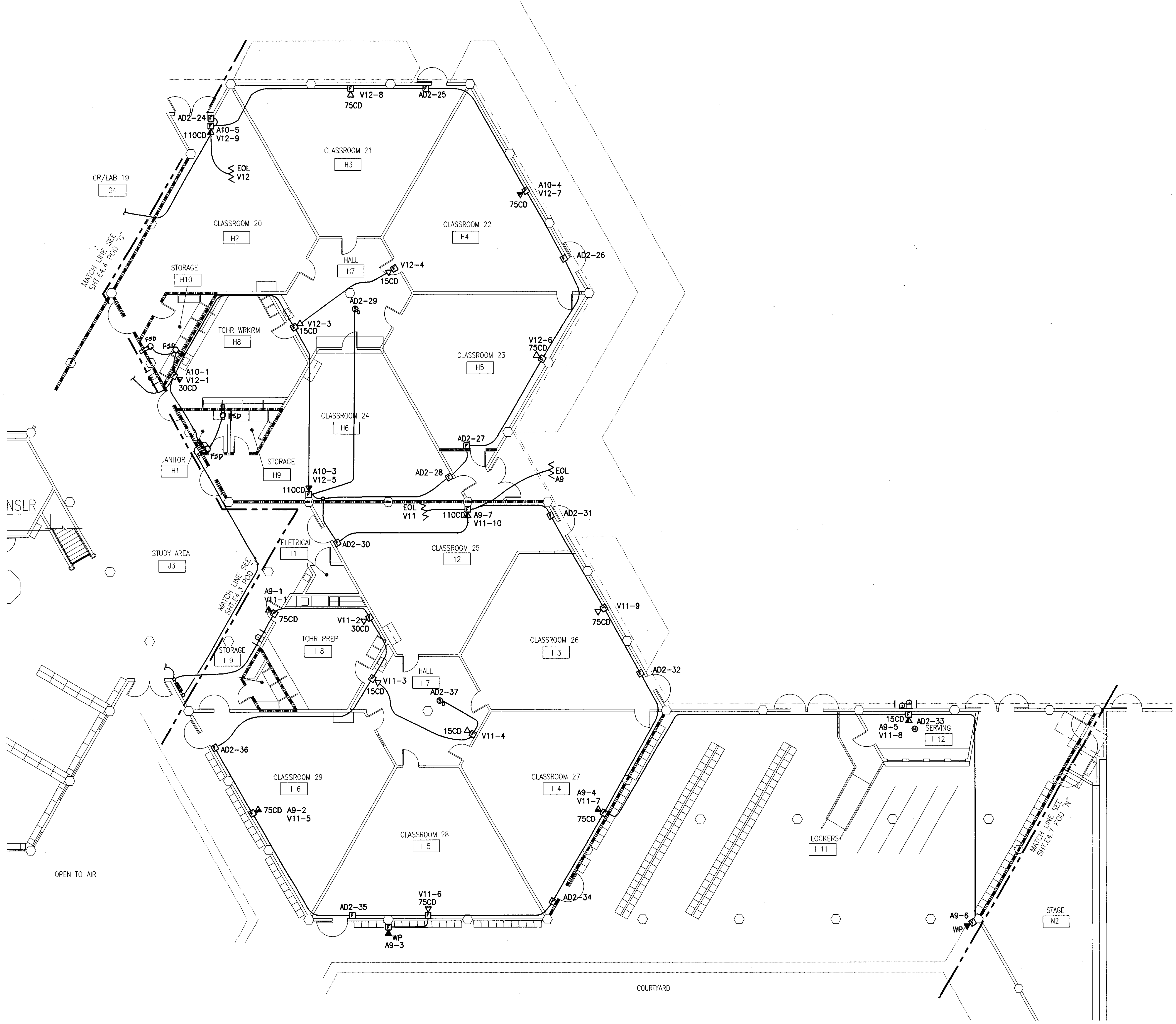
E4.4

JOB NO: 99041B OF SHEETS

99038/9038E4.4R/11-10-03/SC/LB/VLV

SHEET NOTES

◇1



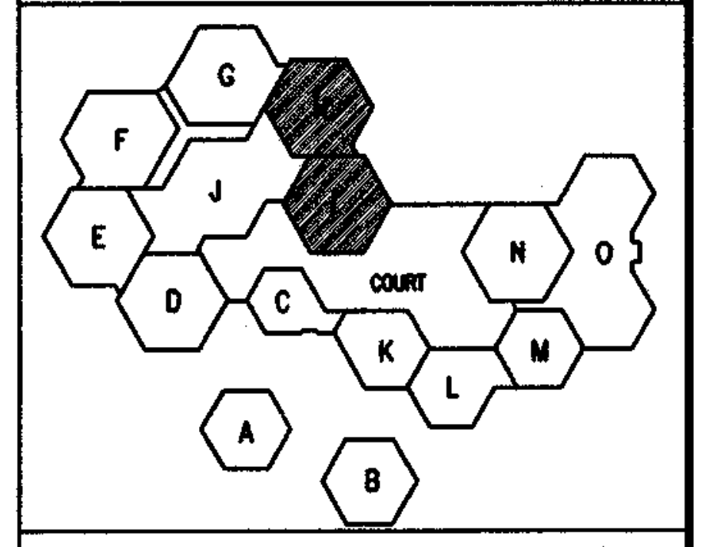
FLOOR PLANS POD'S "H" & "I" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.5

NORTH

KEY PLAN



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BOWDITCH MIDDLE SCHOOL MODERNIZATION

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APPL 01 101836
AC WP MTS
DATE DEC 30 1999

AUTHORITY APPROVAL

FLOOR PLANS POD'S "H" & "I" - FIRE ALARM SYSTEM

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

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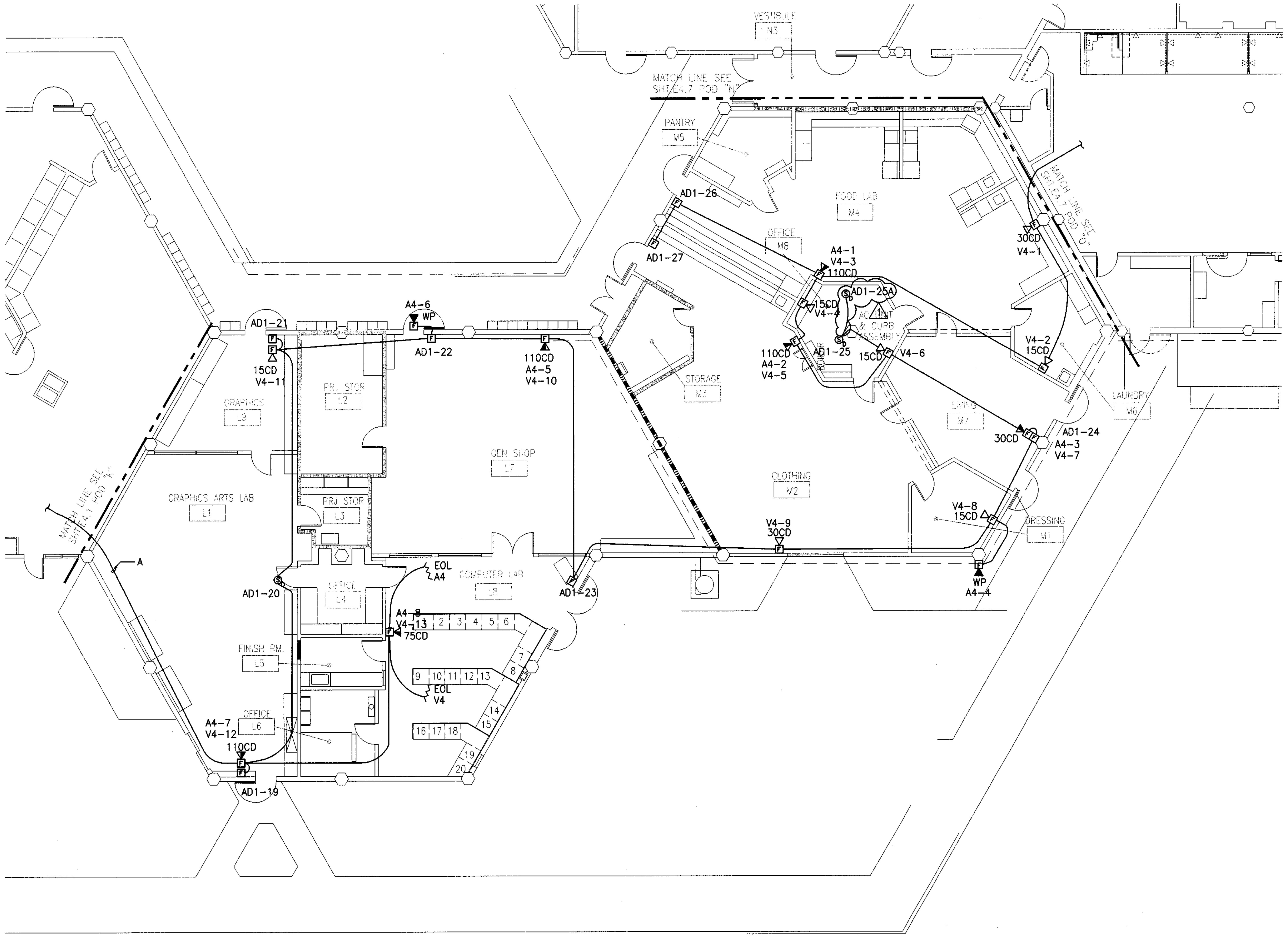
E4.5

JOB NO: 99041B OF SHEETS

99038/9038E4.5/11-04-99/SC/LB



FLOOR PLANS POD'S "L" AND "M" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.6

NORTH

VBN ARCHITECTS

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EXP: 12/31/03

ARCHITECT'S STAMP

ANTONIO C. JAKOSALEM
No E15401
EXP 06-30-05

CONSULTANT'S STAMP

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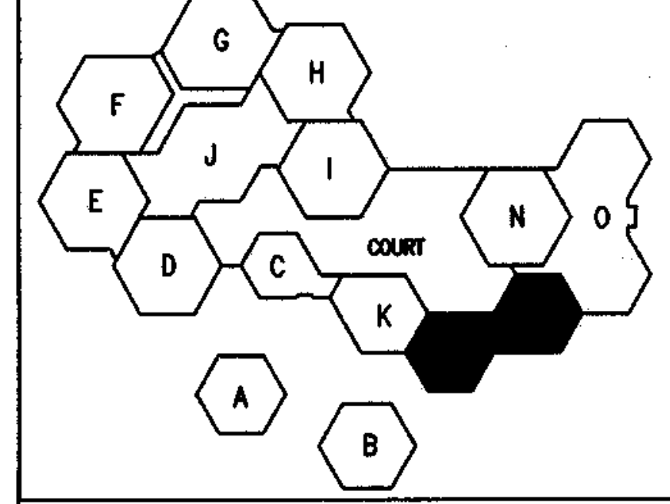
FLOOR PLANS POD'S "L" & "M" - FIRE ALARM SYSTEM



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07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

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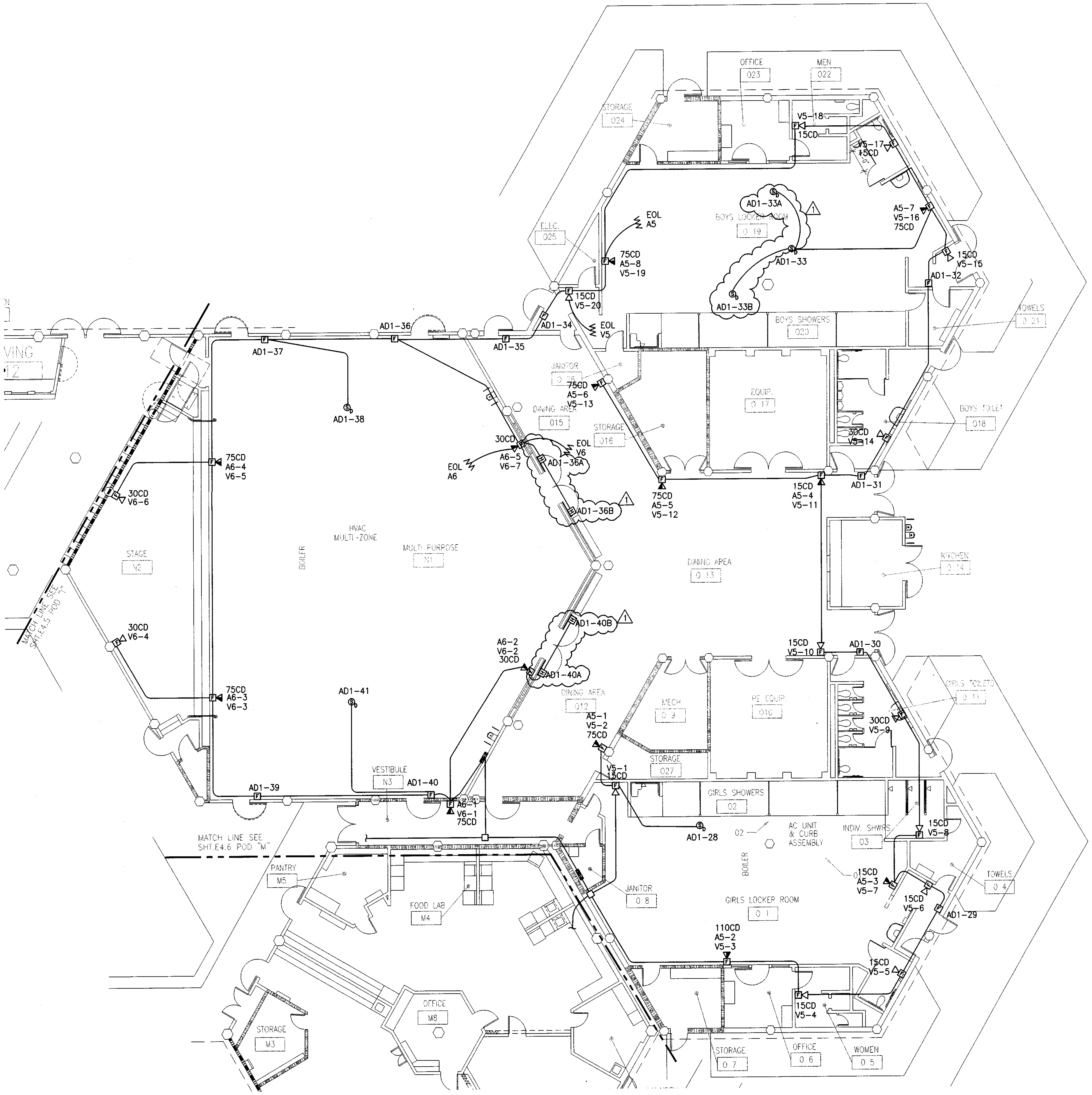
E4.6

JOB NO: 99041B OF SHEETS

99038/9038E4.6R/11-10-03/SC/LB/VLV



FLOOR PLANS POD'S "N" AND "O" - FIRE ALARM SYSTEM

SCALE : 1/8" = 1'-0"

1
E4.7

NORTH

VBN ARCHITECTS

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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP: 12/31/03 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER ANTONIO C. JAKOSALEM No E15401 EXP. 09-30-05 ELECTRICAL STATE OF CALIFORNIA

CONSULTANT'S STAMP

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

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APPL No. 01-101836 DATE 11/11/03

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

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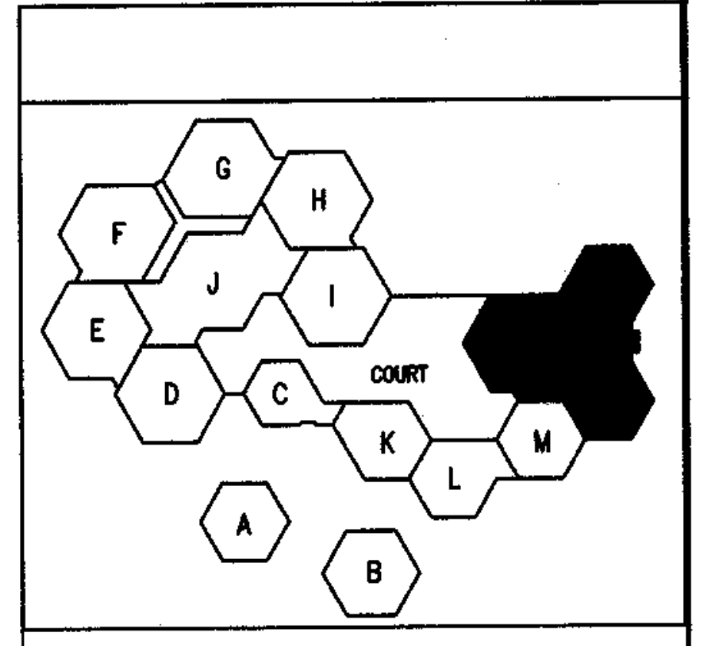
DATE_____

AUTHORITY APPROVAL

FLOOR PLANS POD'S "N" & "O" - FIRE ALARM SYSTEM



DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E4.7

JOB NO: 99041B OF SHEETS

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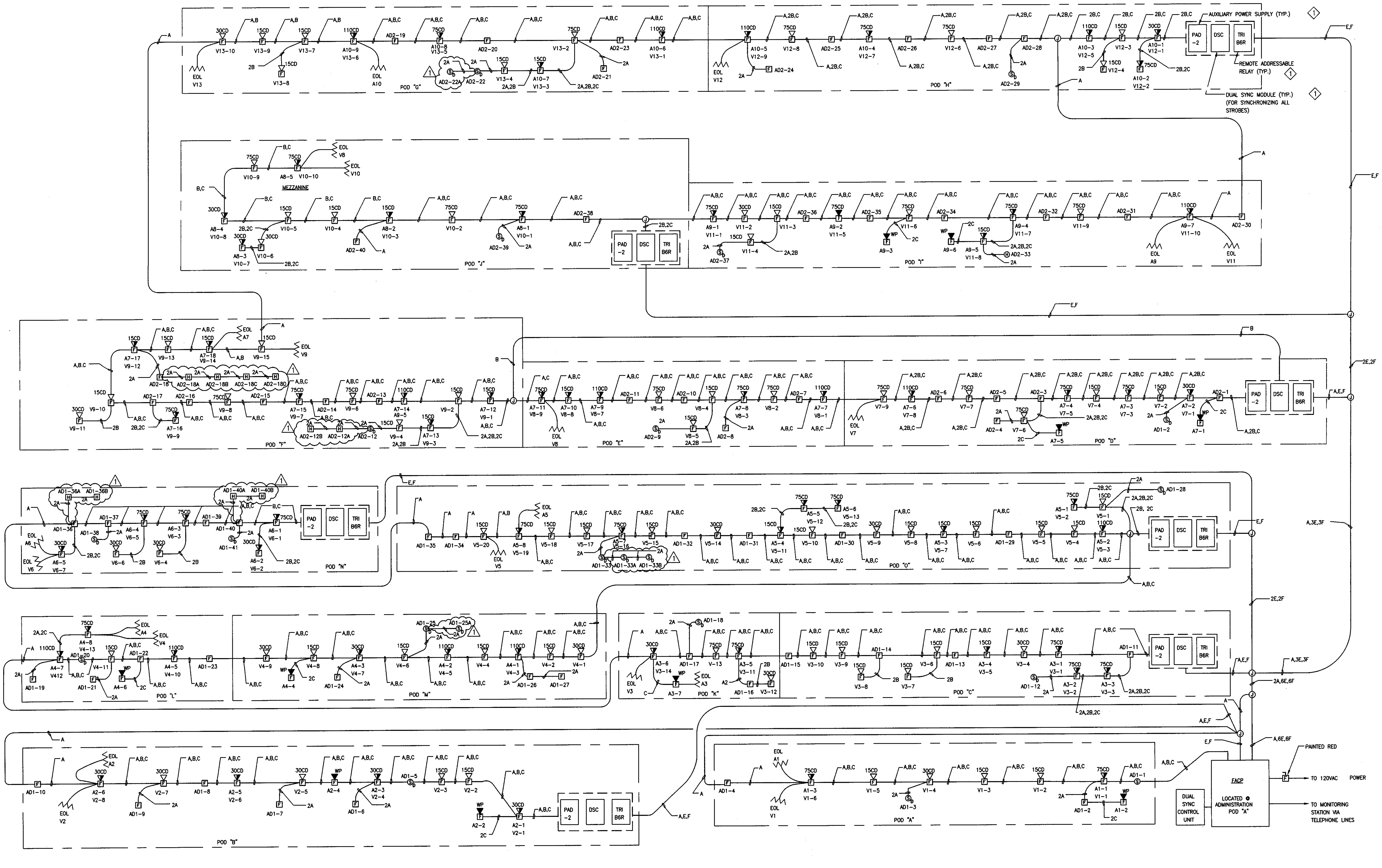
99038/9038E4.7R/11-10-03/SC/LB/VLV

WIRING SCHEDULE

A – ONE #12 AWG TWISTED SINGLE PAIR FOR MAPNET WIRING (ADDRESSABLE DEVICES).
B – 2#12 AWG SOLID COPPER FOR STROBE CIRCUIT WIRING.
C – 2#12 AWG COPPER FOR HORN CIRCUIT WIRING.
D – NOT USED.
E – ONE #12 AWG TWISTED SINGLE PAIR FOR ANNUNCIATOR COMMUNICATION.
F – 2#12 AWG FOR ANNUNCIATOR POWER.

SHEET NOTE

◇1 REFER TO EQUIPMENT LIST DRAWING SHEET E4.0 FOR ADDITIONAL INFORMATION.



FIRE ALARM RISER DIAGRAM

NOT TO SCALE

1
E4.8

NOTE:
REFER TO FLOOR PLANS FOR EXACT LOCATION AND QUANTITY OF DEVICES.

VBN ARCHITECTS

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EXP: 12/31/03

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ANTONIO C. JAKOSALEM
No E15401
EXP. 06-30-05

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AC FLS SS
DATE 11-13-03

BOWDITCH MIDDLE SCHOOL MODERNIZATION

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FOSTER CITY, CALIFORNIA
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DATE____

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FIRE ALARM RISER DIAGRAM

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

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E4.8

JOB NO: 99041B OF SHEETS

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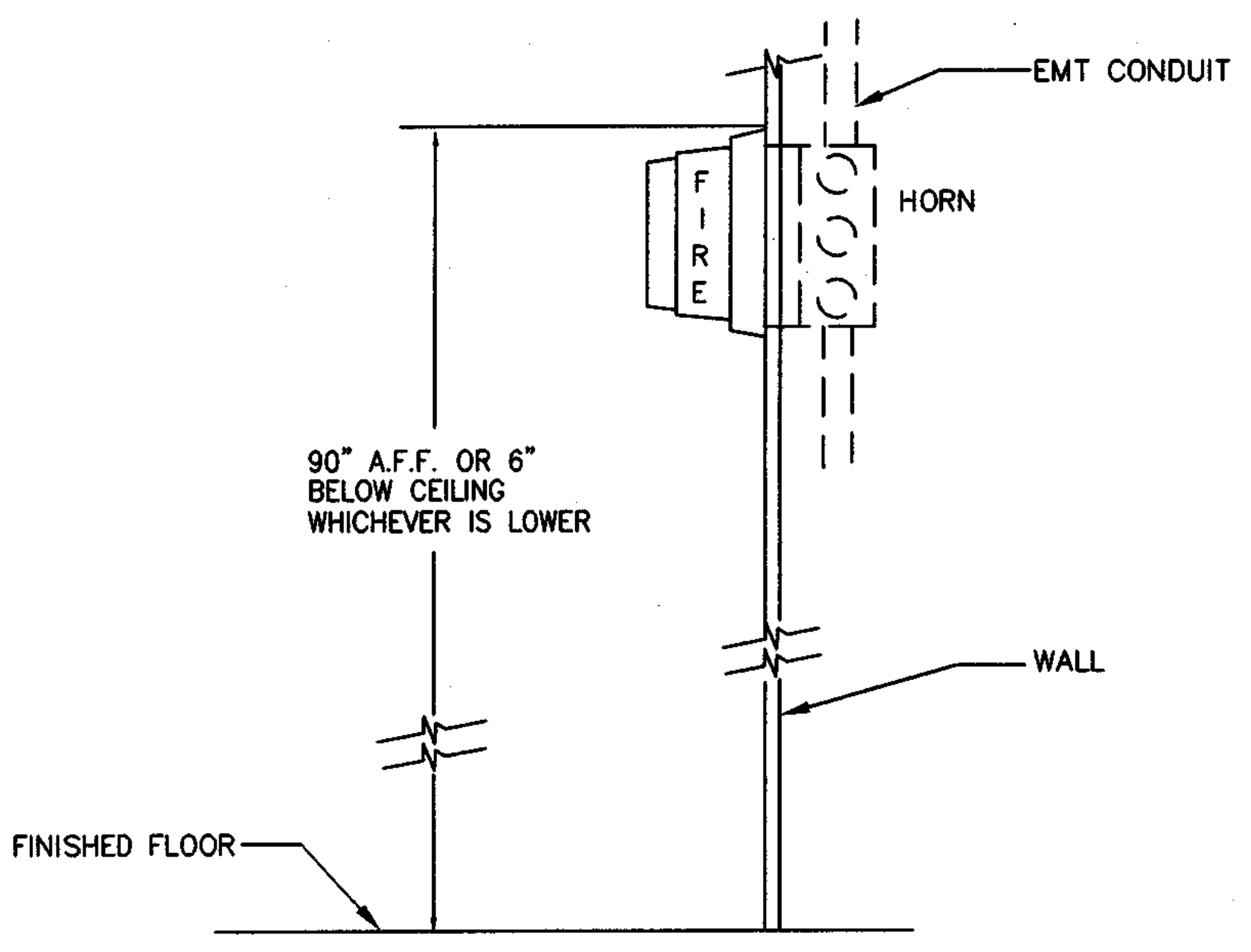
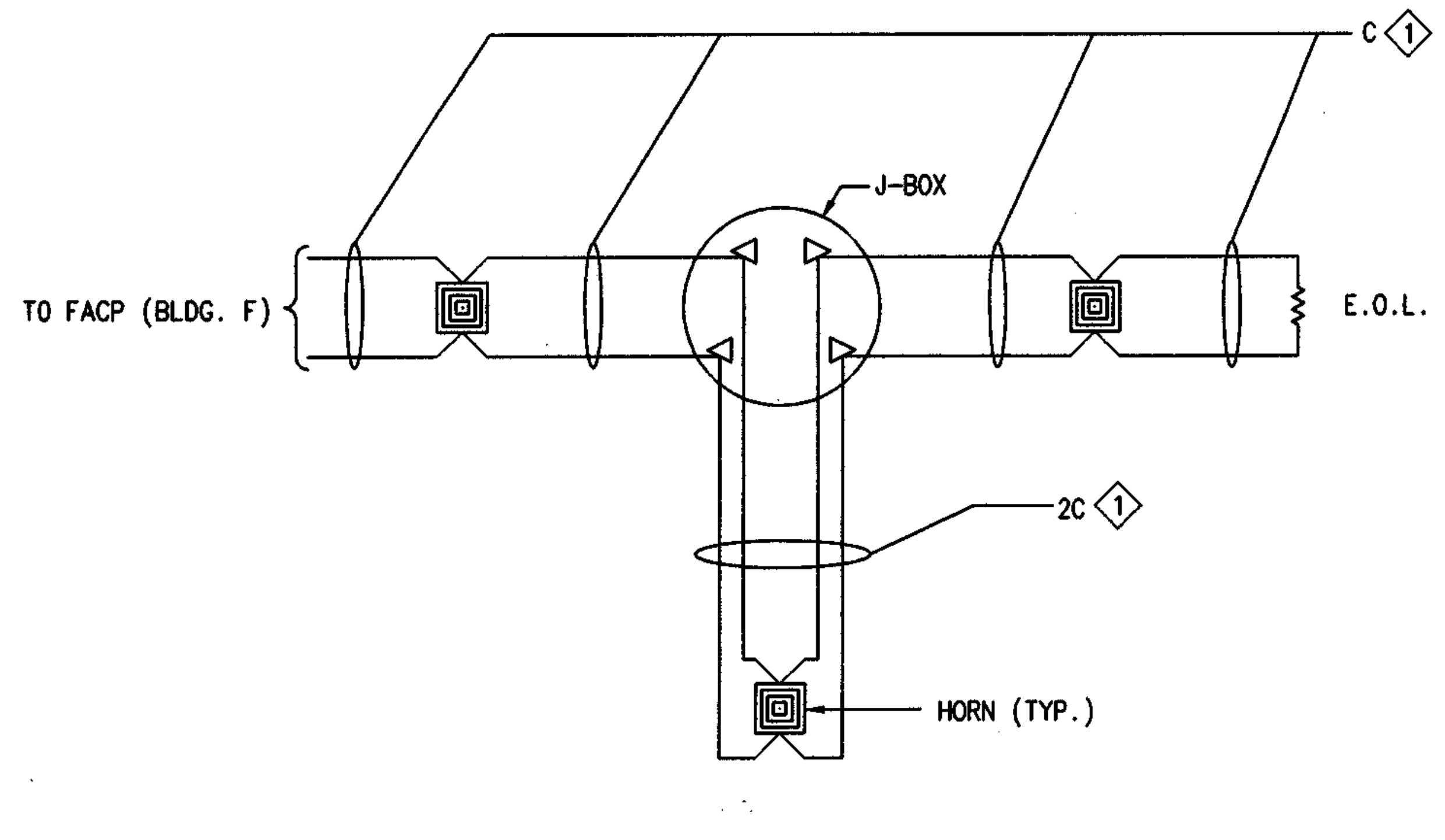


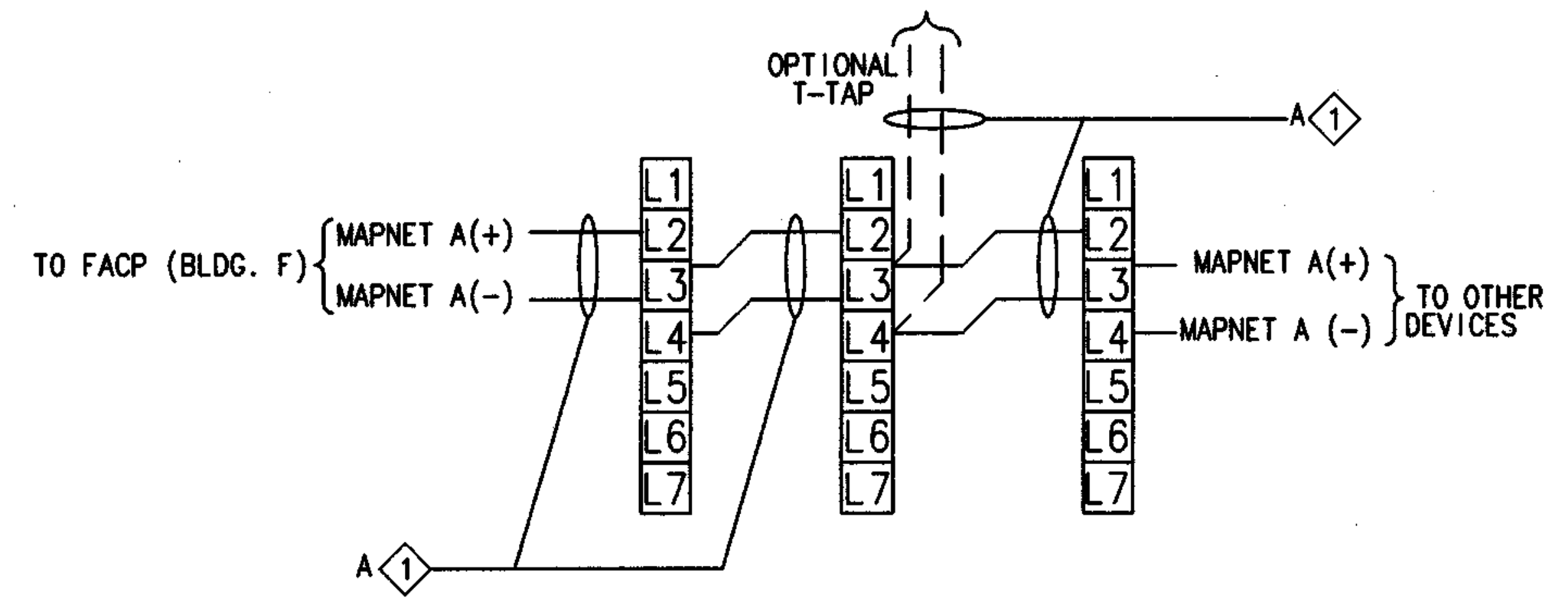
HEIGHT REQUIREMENT - HORN 6 / E4.9

NOT TO SCALE



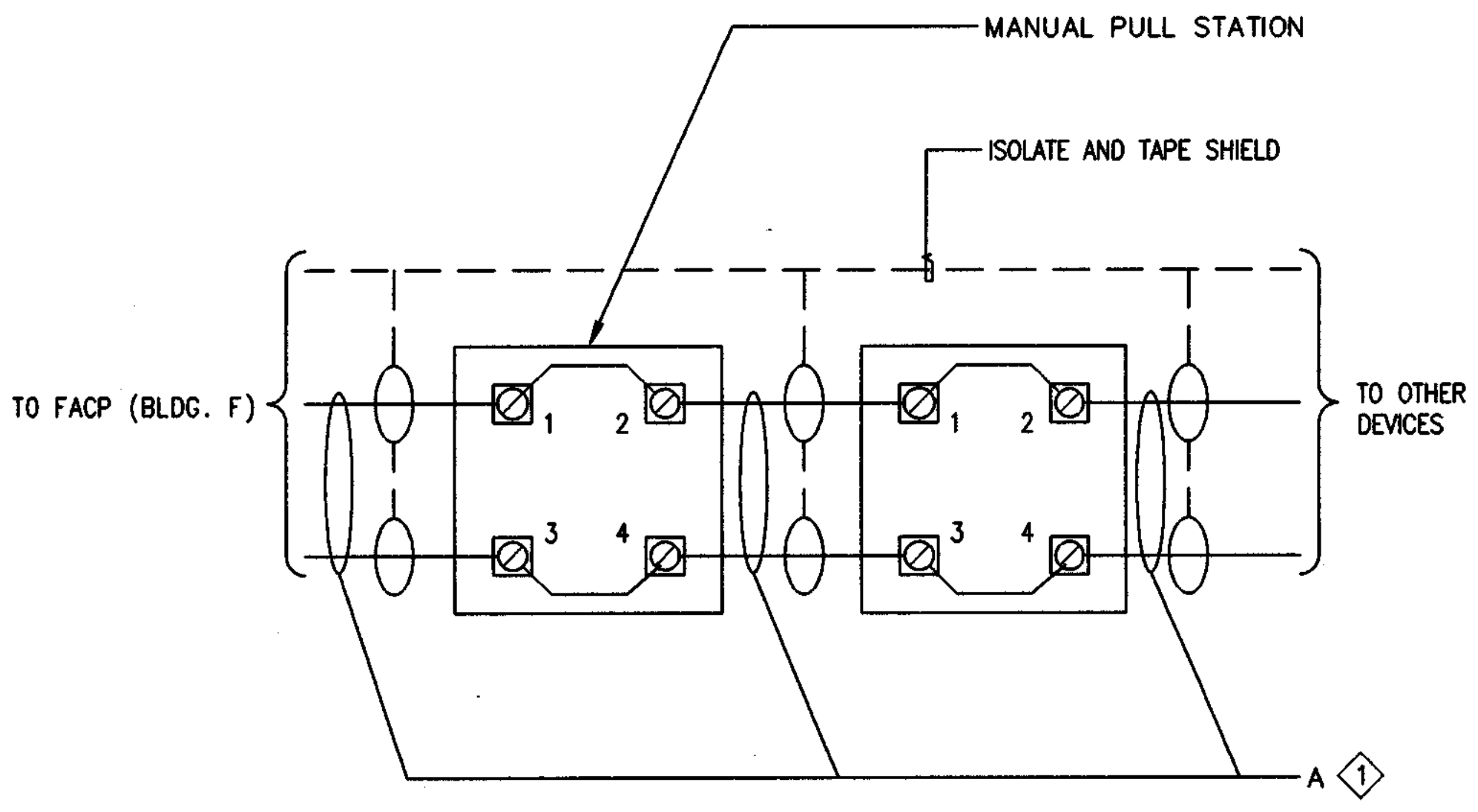
TYPICAL HORN UNIT CONNECTION 3 / E4.9

NOT TO SCALE



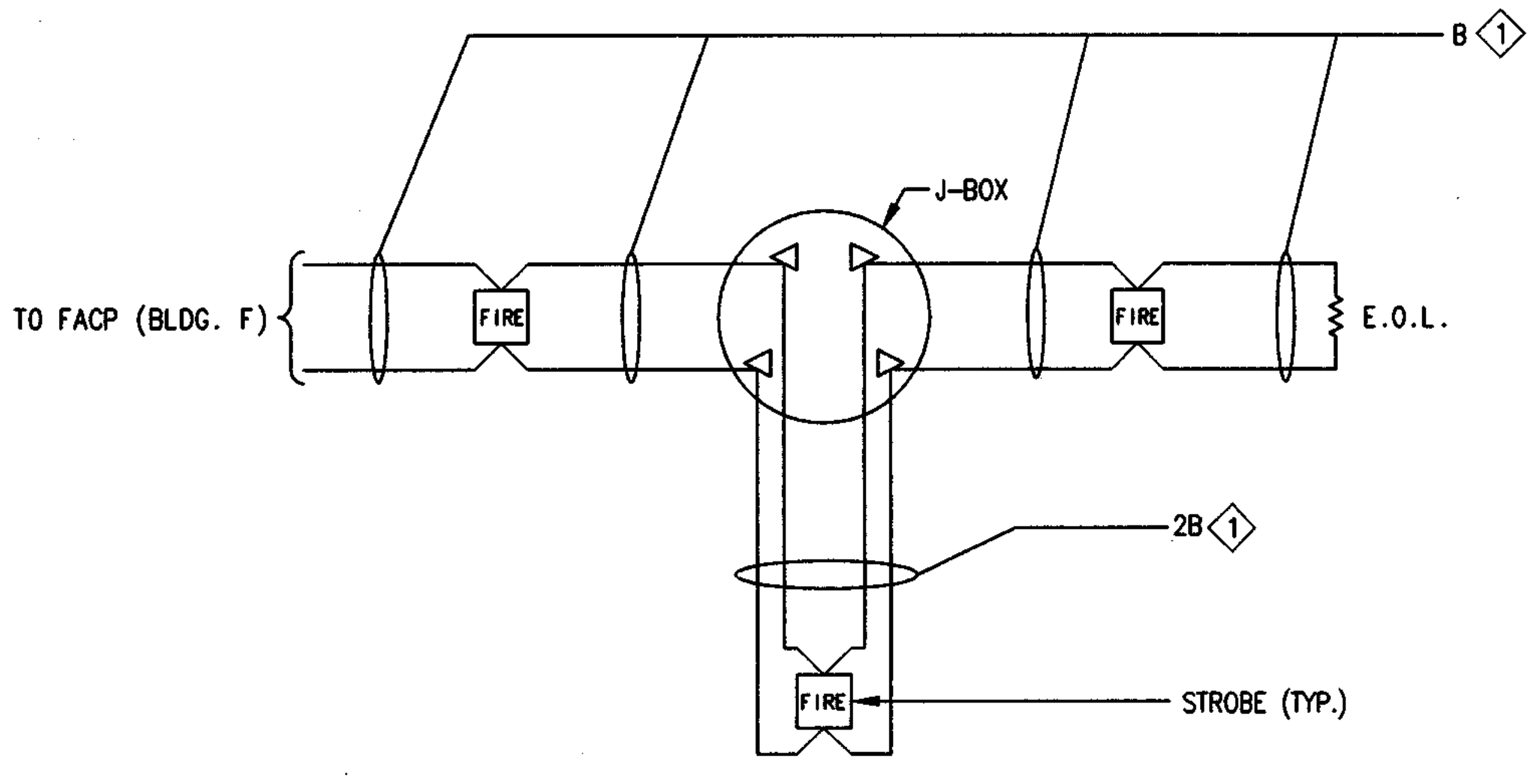
TYPICAL ADDRESSABLE BASE CONNECTION 1 / E4.9

NOT TO SCALE



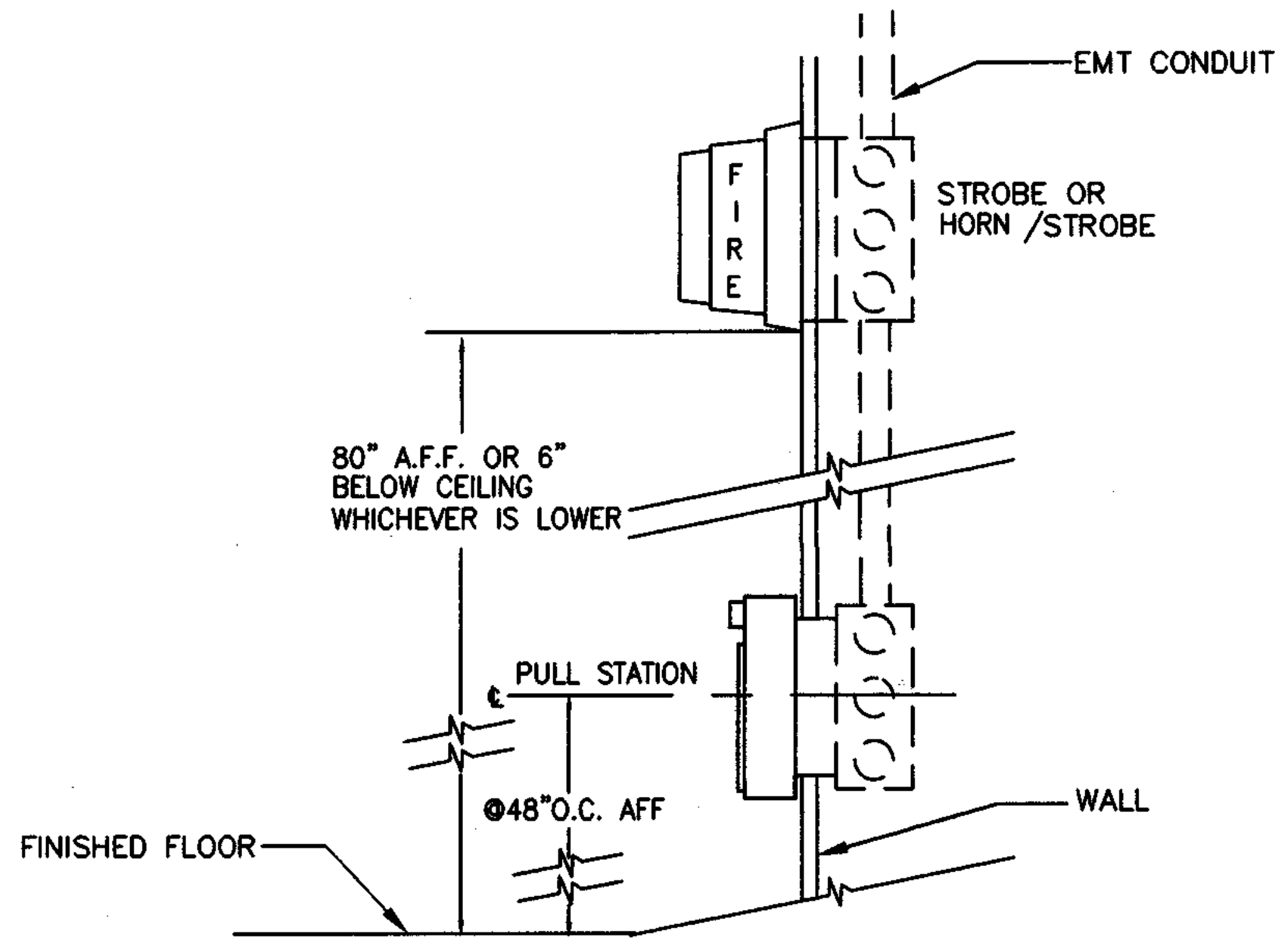
TYPICAL ADDRESSABLE PULL STATION CONNECTION 4 / E4.9

NOT TO SCALE



TYPICAL STROBE UNIT CONNECTION 2 / E4.9

NOT TO SCALE



HEIGHT REQUIREMENTS-PULL STATION STROBE & HORN / STROBE 5 / E4.9

NOT TO SCALE

SHEET NOTES

① REFER TO WIRING SCHEDULE ON SHEET E4.8.

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ARCHITECT'S STAMP

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BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
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APPL 01 [illegible]
AC JMY MTS
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AUTHORITY APPROVAL

FIRE ALARM DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	

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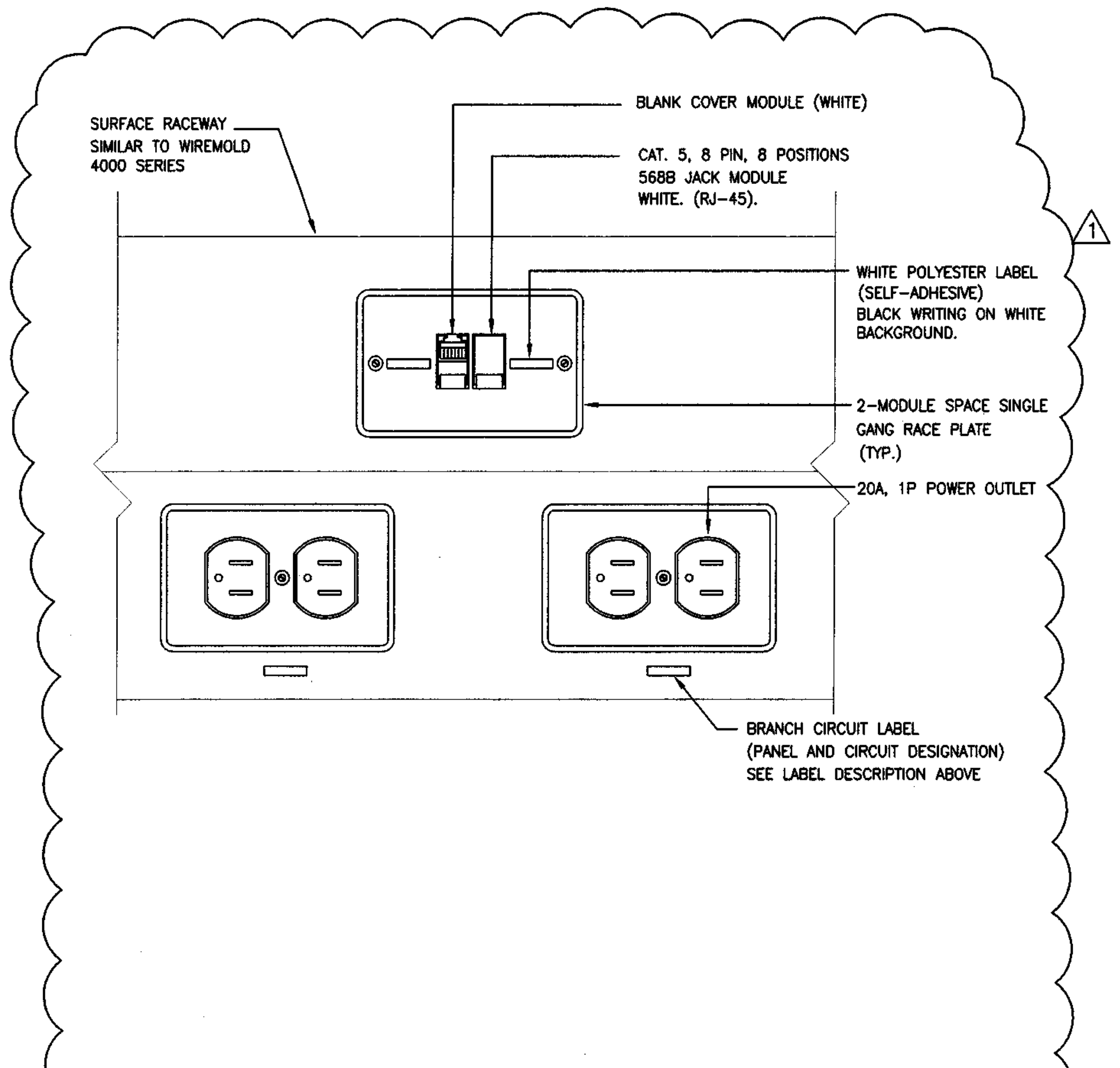
E4.9

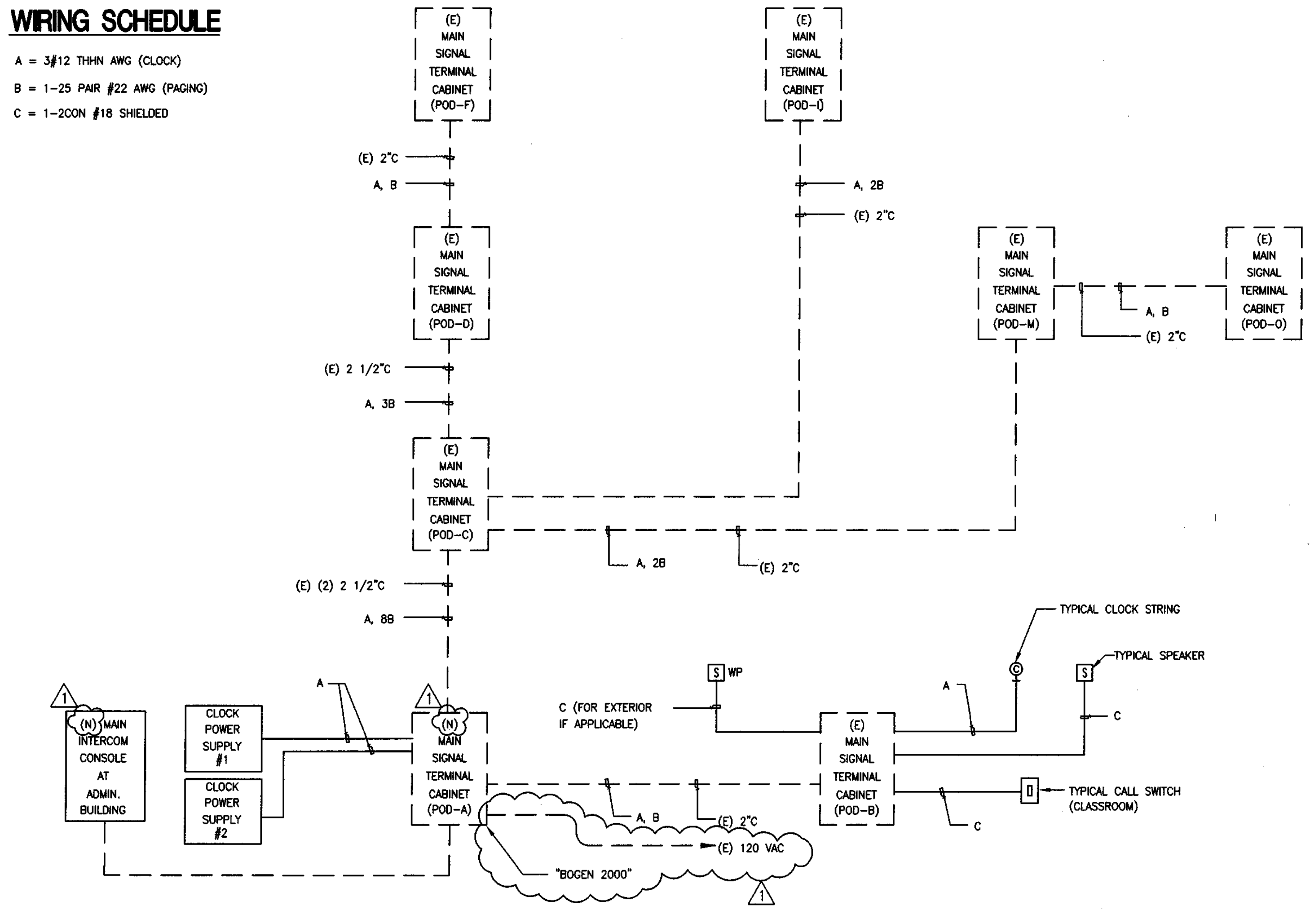
JOB NO: 99041B OF SHEETS



OUTLET MOUNTING IN SURFACE RACEWAY

3 / -

SCALE: NOT TO SCALE



WIRING SCHEDULE

A = 3#12 THHN AWG (CLOCK)

B = 1-25 PAIR #22 AWG (PAGING)

C = 1-2CON #18 SHIELDED

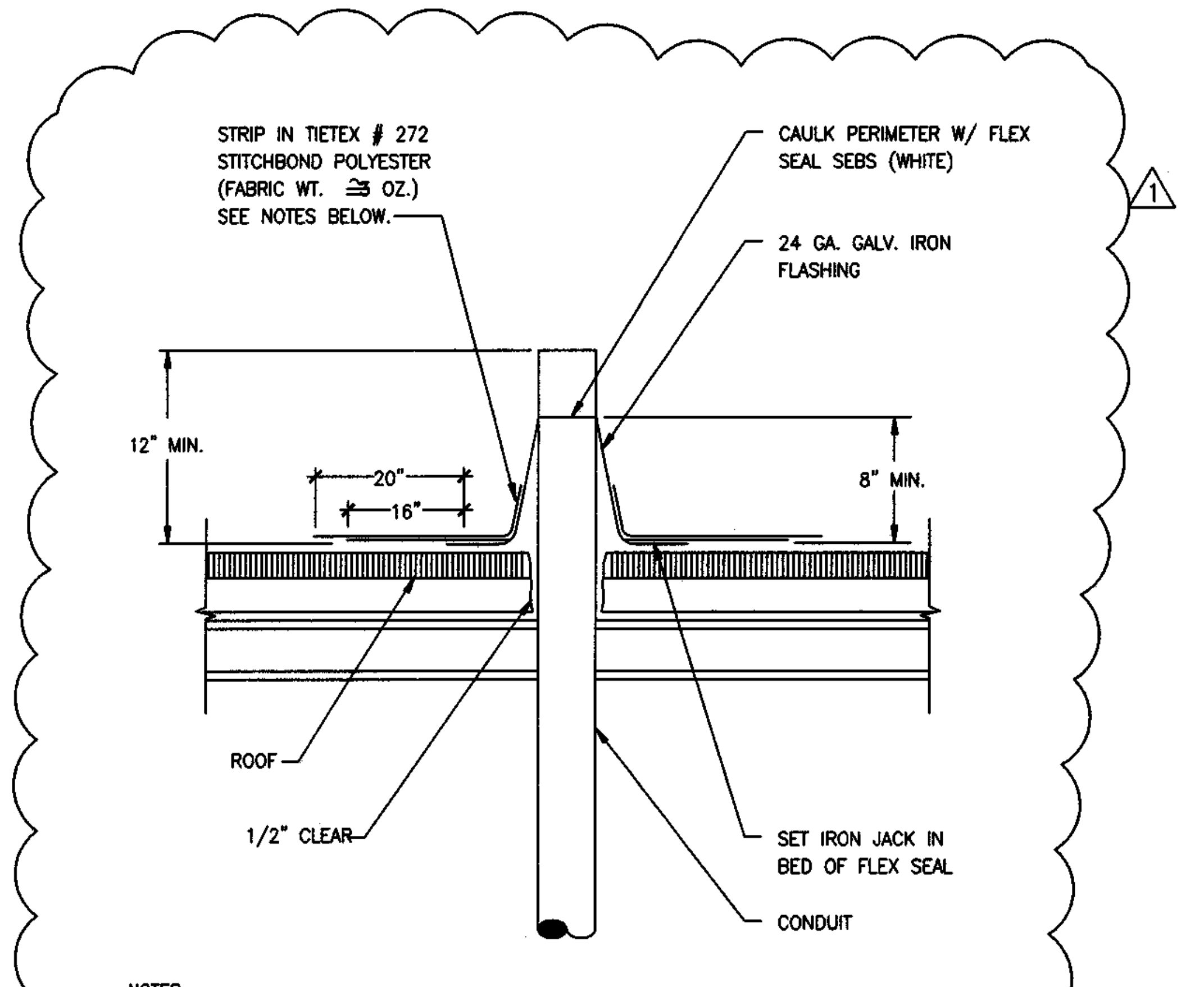
CLOCK AND P.A. SYSTEM RISER DIAGRAM

1 / -

NOT TO SCALE

NOTE:

1. FOR EXACT LOCATION AND QUANTITY OF DEVICES, SEE FLOOR PLANS.



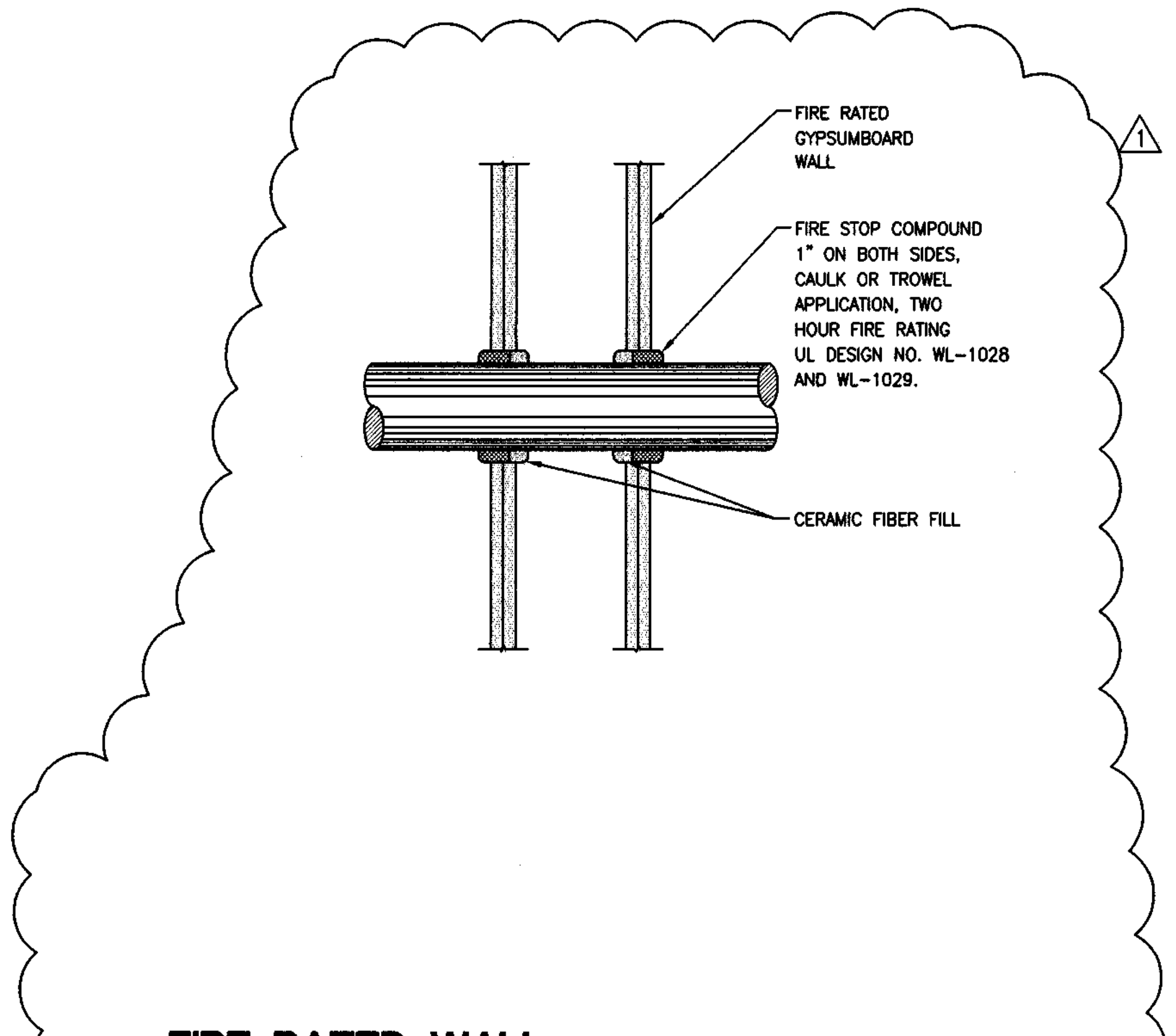
NOTES:

1. ALL SURFACES TO BE CLEAN, e.g. FREE OF DIRT, GREASE, SCALE, PAINT, ETC.
2. WIRE BRUSH ALL LOOSE MATERIAL AS REQUIRED.
3. PRIME EXISTING ROOF AND FLASHING W/ SB ELASTOMERIC PRIMER.
4. 5 COURSE: 2 PLYS TIETEX W/ SB ELASTOMERIC GEL (FEATHER SECOND PLY) AT MIN. 40 MIL UNCURED PER COURSE.
5. TOP COAT W/ K-2 EXTREME DUTY ELASTOMER (MATCH ROOF COLOR)

ROOF PENETRATION

5

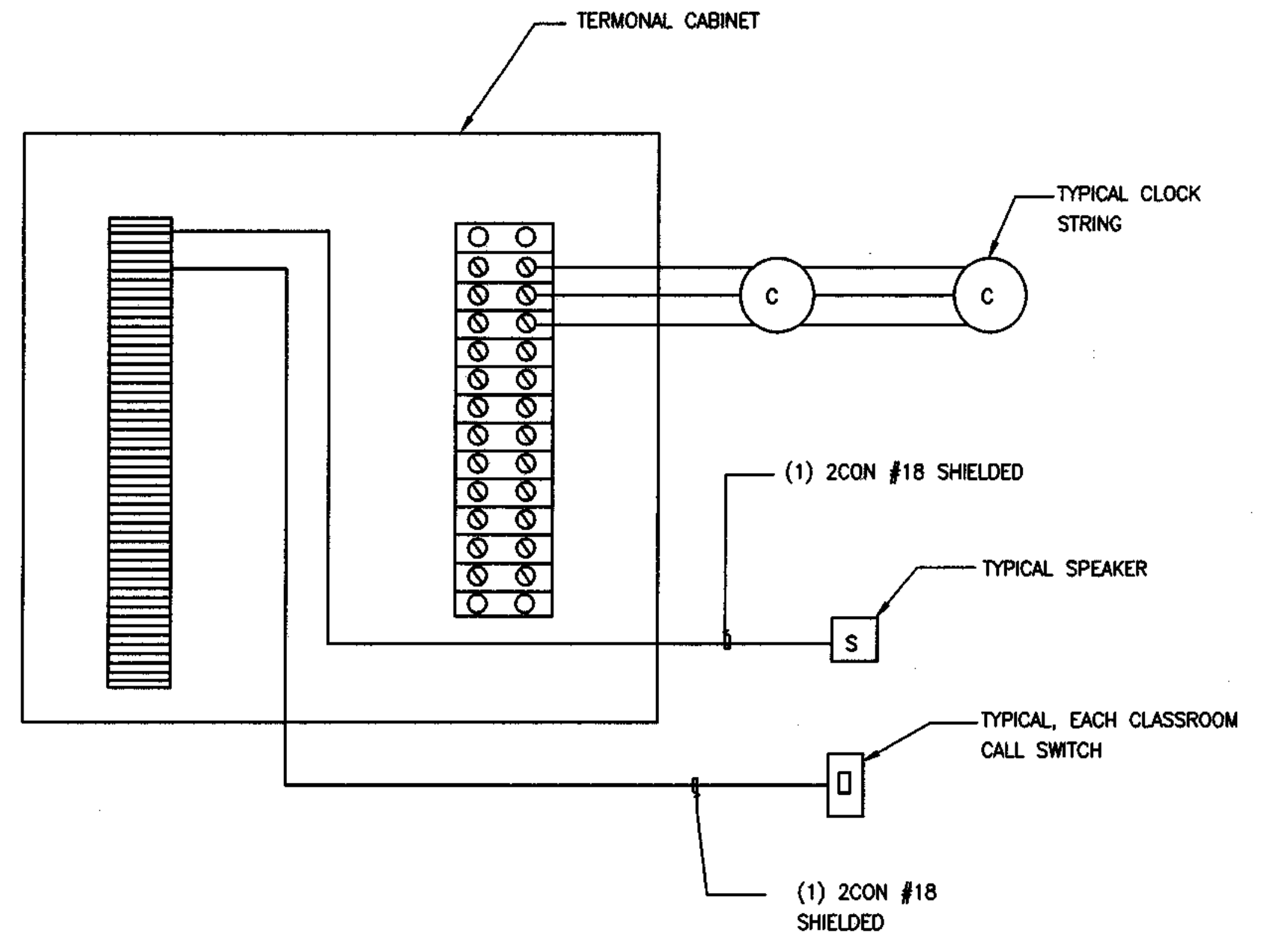
SCALE: NOT TO SCALE



FIRE RATED WALL CONDUIT PENETRATION DETAIL

4 / -

SCALE: NOT TO SCALE



TYPICAL TERMINAL CABINET CONNECTION DETAIL

2 / -

NOT TO SCALE

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

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AC ___ F/LS ___ SS ___
APPL NO. 01-101836 DATE 11-17-03

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DATE ___

AUTHORITY APPROVAL

RISER DIAGRAMS AND DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

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E5.1

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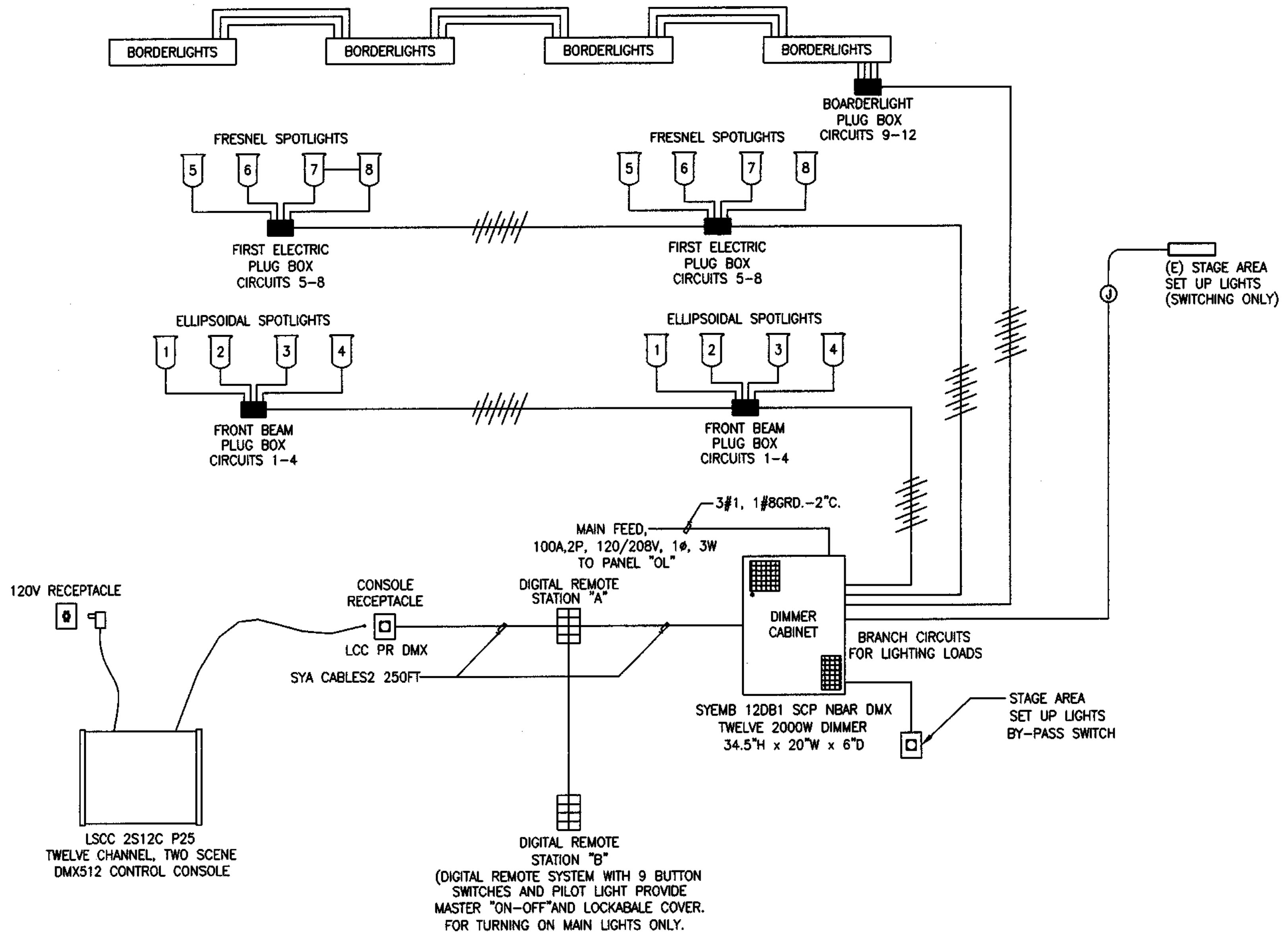

BORDERLIGHTS
BORDERLIGHTS
BORDERLIGHTS
BORDERLIGHTS
BOARDERLIGHT PLUG BOX CIRCUITS 9–12
FRESNEL SPOTLIGHTS
5
6
7
8
FIRST ELECTRIC PLUG BOX CIRCUITS 5–8
FRESNEL SPOTLIGHTS
FIRST ELECTRIC PLUG BOX CIRCUITS 5–8
ELLIPSOIDAL SPOTLIGHTS
1
2
3
4
FRONT BEAM PLUG BOX CIRCUITS 1–4
ELLIPSOIDAL SPOTLIGHTS
FRONT BEAM PLUG BOX CIRCUITS 1–4
(E) STAGE AREA SET UP LIGHTS (SWITCHING ONLY)
J
3#1, 1#8GRD.–2"C.
MAIN FEED, 100A,2P, 120/208V, 1ø, 3W TO PANEL "OL"
120V RECEPTACLE
CONSOLE RECEPTACLE
LCC PR DMX
DIGITAL REMOTE STATION "A"
SYA CABLES2 250FT
DIMMER CABINET
BRANCH CIRCUITS FOR LIGHTING LOADS
SYEMB 12DB1 SCP NBAR DMX TWELVE 2000W DIMMER 34.5"H x 20"W x 6"D
STAGE AREA SET UP LIGHTS BY–PASS SWITCH
LSCC 2S12C P25 TWELVE CHANNEL, TWO SCENE DMX512 CONTROL CONSOLE
DIGITAL REMOTE STATION "B"
(DIGITAL REMOTE SYSTEM WITH 9 BUTTON SWITCHES AND PILOT LIGHT PROVIDE MASTER "ON–OFF"AND LOCKABALE COVER. FOR TURNING ON MAIN LIGHTS ONLY. TYPICAL TO DIGITAL REMOTE STATION "A".)

NOTE:

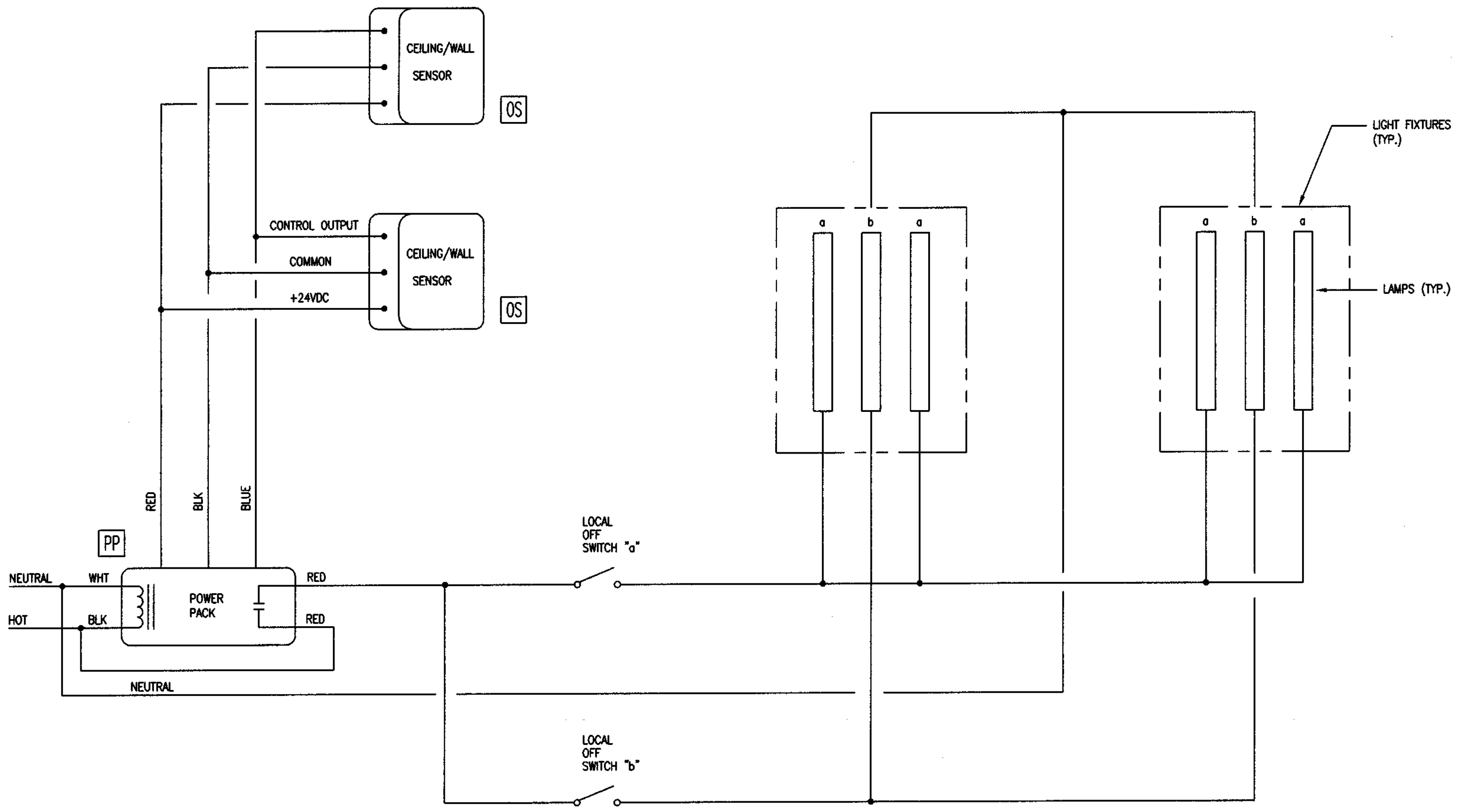
1. COORDINATE ALL EQUIPMENT WIRING AND FIXTURE TYPE WITH MANUFACTURER.
2. LIGHT SYMBOL REPRESENTS QUANTITY OF FIXTURES REQUIRED. PROVIDE ALL EQUIPMENT AND CONTROL DEVICES AS SHOWN.
3. ALL LOCATION OF RECEPTACLES, PLUG BOX AND DIMMER CABINET SHALL BE COORDINATED AND APPROVED BY PROJECT CM PRIOR TO INSTALLATION.
4. STAGE AREA SET UP LIGHTS SHALL BE CONTROLLED EITHER ON CONTROL CONSOLE OR BY–PASS SWITCH.
5. PROVIDE INFRARED TRANSMITTER (LITHONIA SYWR HHP) FOR REMOTE CONTROL OF LIGHTING FUNCTION AND PRESET DIMMING CONTROL IN THE DIMMER CABINET. DIMMER CABINET SHALL BE PROVIDED WITH THE INFRARED RECEIVER WITH A SYRS DIGITAL REMOTE STATION.
6. AS PART OF SHOP DRAWINGS, PROVIDE CONTROL DEVICES, FIXTURES AND EQUIPMENT LAYOUT IN 1/4" SCALE FLOOR PLANS ALONG WITH SCHEMATIC DIAGRAMS INDICATING WIRE SIZES AND QUANTITY.

DIMMING SYSTEM SCHEMATIC DIAGRAM

3

–

N.T.S.

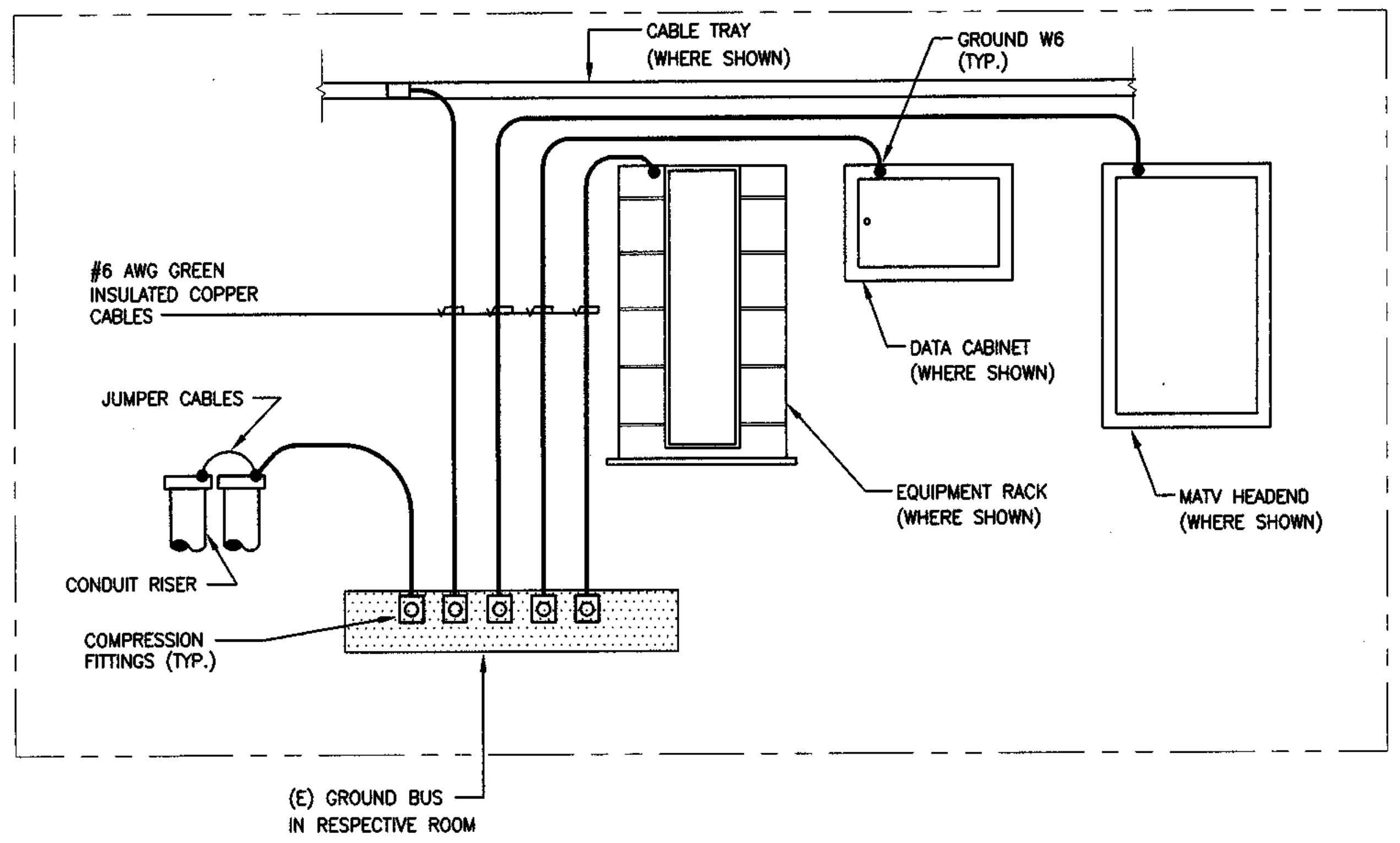


TYPICAL OCCUPANCY SENSOR SCHEMATIC DIAGRAM

1

–

SCALE: NTS


CABLE TRAY (WHERE SHOWN)
GROUND W6 (TYP.)
#6 AWG GREEN INSULATED COPPER CABLES
JUMPER CABLES
CONDUIT RISER
COMPRESSION FITTINGS (TYP.)
DATA CABINET (WHERE SHOWN)
EQUIPMENT RACK (WHERE SHOWN)
MATV HEADEND (WHERE SHOWN)
(E) GROUND BUS IN RESPECTIVE ROOM

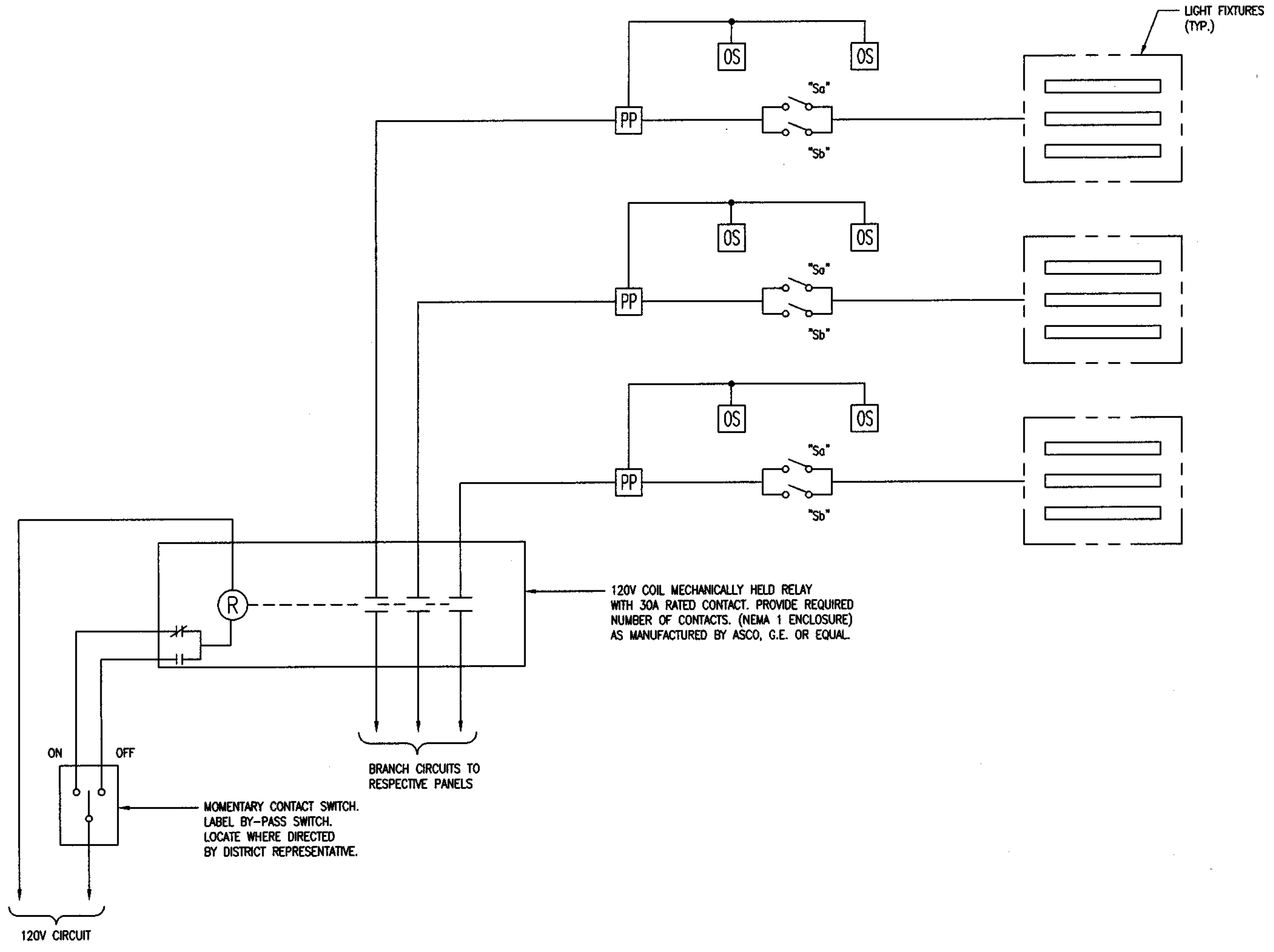
TYPICAL GROUNDING SCHEMATIC WIRING DIAGRAM IN DATA ROOMS

4

E4.1

NOT TO SCALE

NOTE: EQUIPMENT RACKS SHOWN MAY ALSO BE DATA CABINETS.



120V COIL MECHANICALLY HELD RELAY WITH 30A RATED CONTACT. PROVIDE REQUIRED NUMBER OF CONTACTS. (NEMA 1 ENCLOSURE) AS MANUFACTURED BY ASCO, G.E. OR EQUAL.

MOMENTARY CONTACT SWITCH. LABEL BY–PASS SWITCH. LOCATE WHERE DIRECTED BY DISTRICT REPRESENTATIVE.

LIBRARY SWITCHING SCHEMATIC DIAGRAM

2

–

SCALE: NTS

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LEE KARNEY
C-3158

ARCHITECT'S STAMP

No E15401

CONSULTANT'S STAMP

BOWDITCH MIDDLE SCHOOL MODERNIZATION

1450 TARPON STREET
FOSTER CITY, CALIFORNIA
SAN MATEO–FOSTER CITY SCHOOL DISTRICT

APPROVED
DIV OF THE STATE ARCHITECT
AC ___ F/LS ___ SS ___ DATE 11/17/03
APPL 01-101836

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL 01

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DATE ___

AUTHORITY APPROVAL

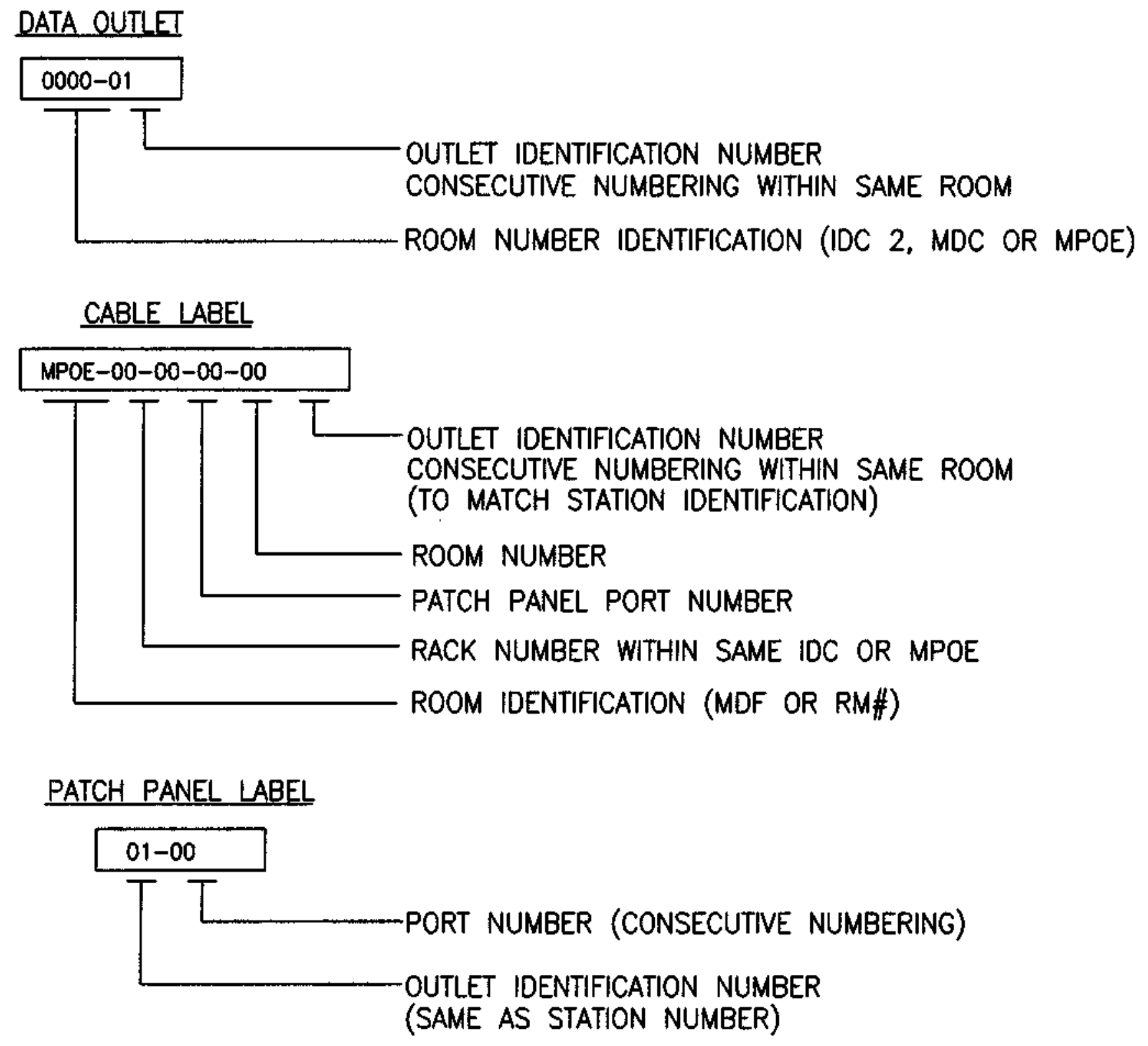
SCHEMATIC
DIAGRAMS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	△1

DRAWN BY: CHECKED BY:

E5.2 △1

JOB NO: 99041B OF SHEETS

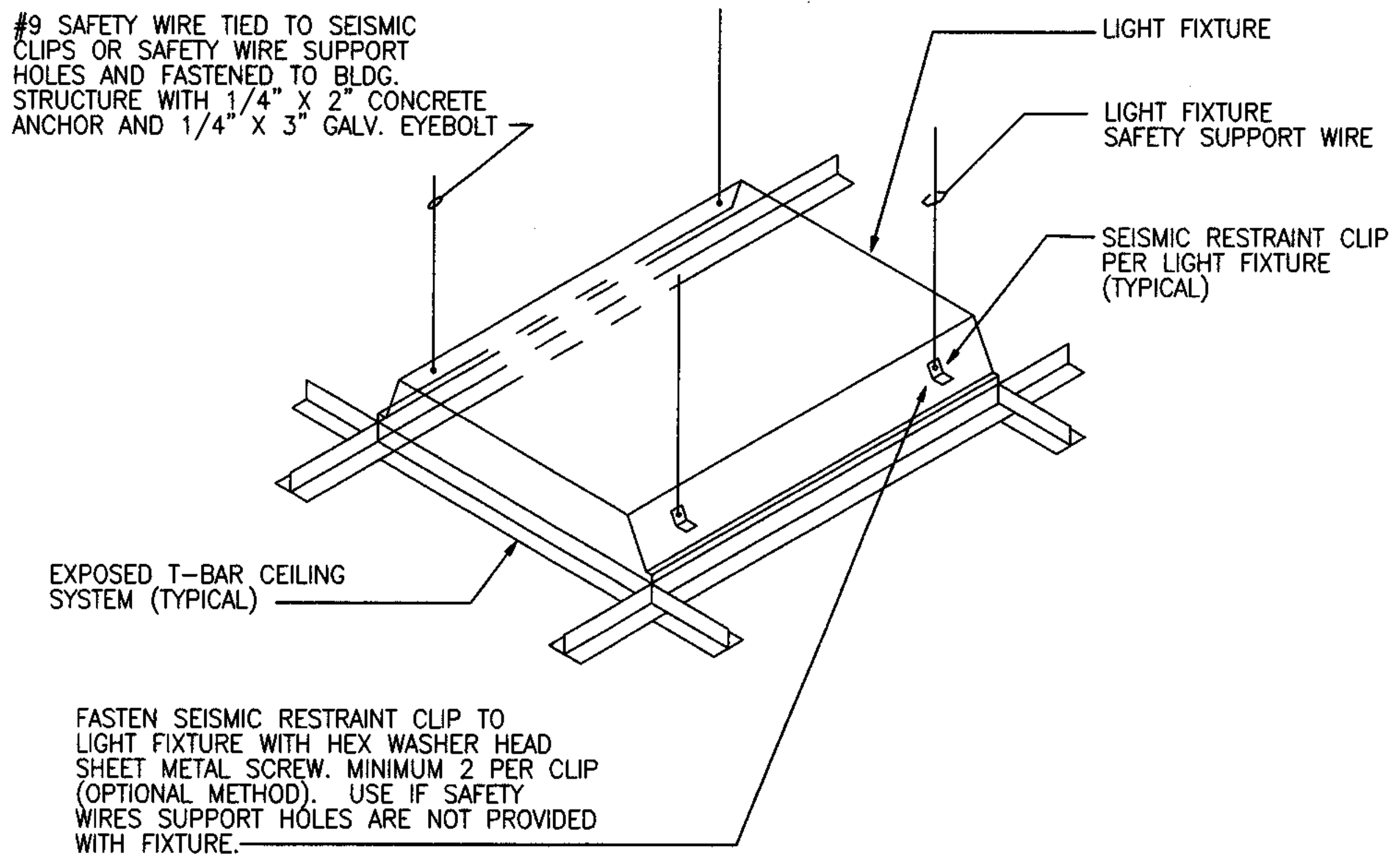

DATA OUTLET
0000-01
OUTLET IDENTIFICATION NUMBER CONSECUTIVE NUMBERING WITHIN SAME ROOM
ROOM NUMBER IDENTIFICATION (IDC 2, MDC OR MPOE)
CABLE LABEL
MPOE-00-00-00-00
OUTLET IDENTIFICATION NUMBER CONSECUTIVE NUMBERING WITHIN SAME ROOM (TO MATCH STATION IDENTIFICATION)
ROOM NUMBER
PATCH PANEL PORT NUMBER
RACK NUMBER WITHIN SAME IDC OR MPOE
ROOM IDENTIFICATION (MDF OR RM#)
PATCH PANEL LABEL
01-00
PORT NUMBER (CONSECUTIVE NUMBERING)
OUTLET IDENTIFICATION NUMBER (SAME AS STATION NUMBER)

LABEL IDENTIFICATION TAG

5
-

NOT TO SCALE

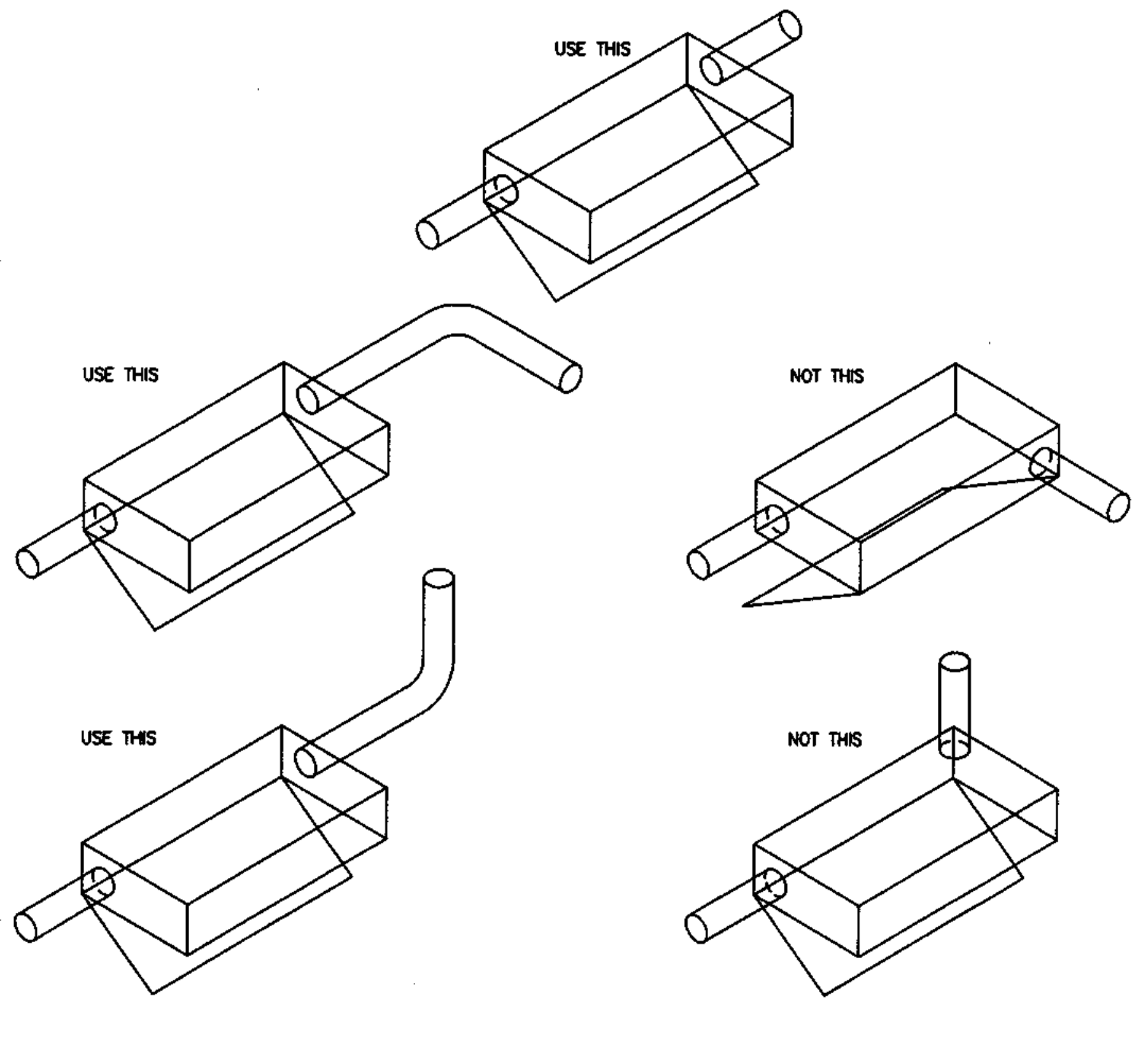
(▭ , ◁ SYMBOLS)


#9 SAFETY WIRE TIED TO SEISMIC CLIPS OR SAFETY WIRE SUPPORT HOLES AND FASTENED TO BLDG. STRUCTURE WITH 1/4" X 2" CONCRETE ANCHOR AND 1/4" X 3" GALV. EYEBOLT
LIGHT FIXTURE
LIGHT FIXTURE SAFETY SUPPORT WIRE
SEISMIC RESTRAINT CLIP PER LIGHT FIXTURE (TYPICAL)
EXPOSED T-BAR CEILING SYSTEM (TYPICAL)
FASTEN SEISMIC RESTRAINT CLIP TO LIGHT FIXTURE WITH HEX WASHER HEAD SHEET METAL SCREW. MINIMUM 2 PER CLIP (OPTIONAL METHOD). USE IF SAFETY WIRES SUPPORT HOLES ARE NOT PROVIDED WITH FIXTURE.

FLUORESCENT FIXTURE SEISMIC RESTRAINT DETAIL

3
-

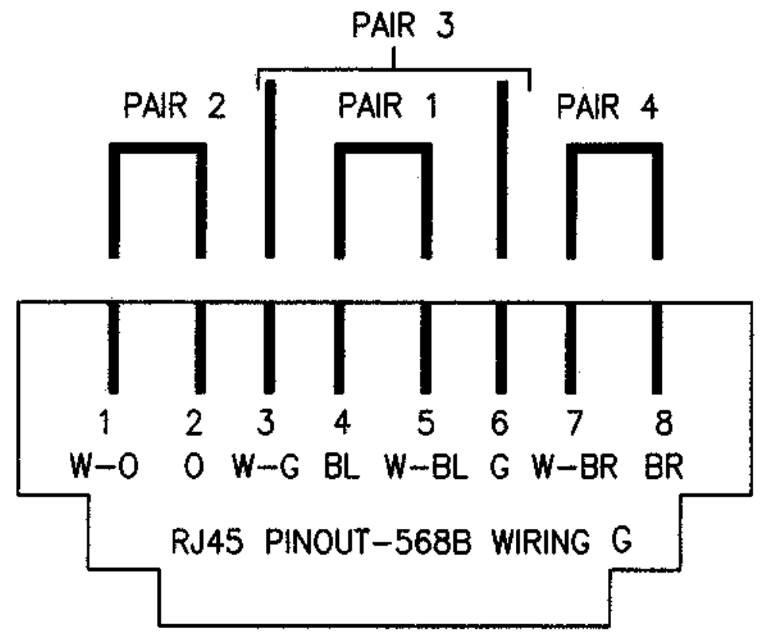
NOT TO SCALE



PULLBOXES INSTALLATION DETAIL

1
-

NOT TO SCALE

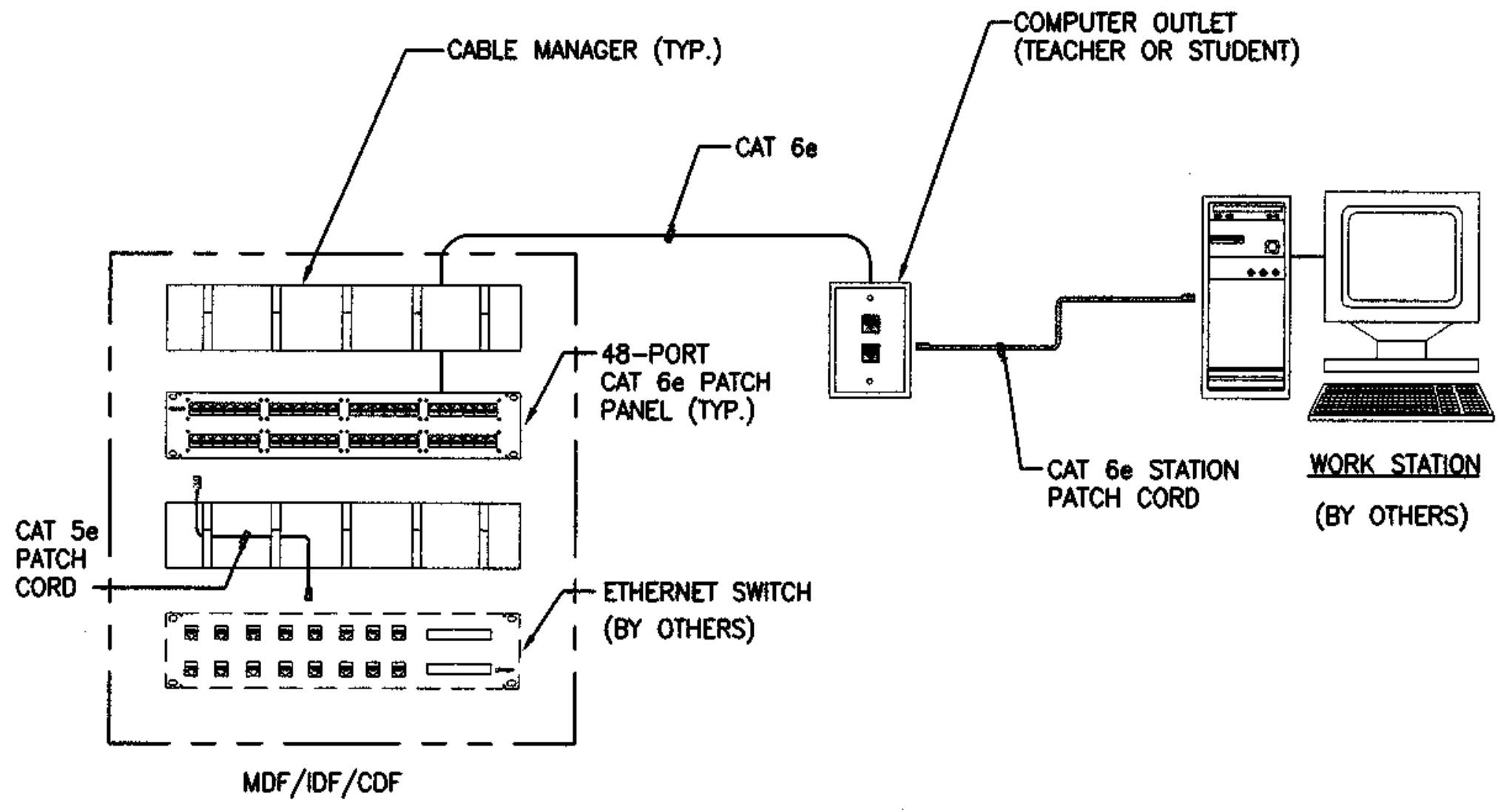


PIN#	COLOR CODE	PAIR	10BASET	PIN#
1	white/orange	pair 2	transmit +	1
2	orange/white	pair 2	receive −	2
3	white/green	pair 3	transmit +	3
4	blue/white	pair 4	receive −	4
5	white/blue	pair 1	transmit +	5
6	green/white	pair 3	receive −	6
7	white/brown	pair 4	transmit +	7
8	brown/white	pair 4	receive −	8

CATEGORY 5 CABLE PINNING AND COLOR CODES

6
-

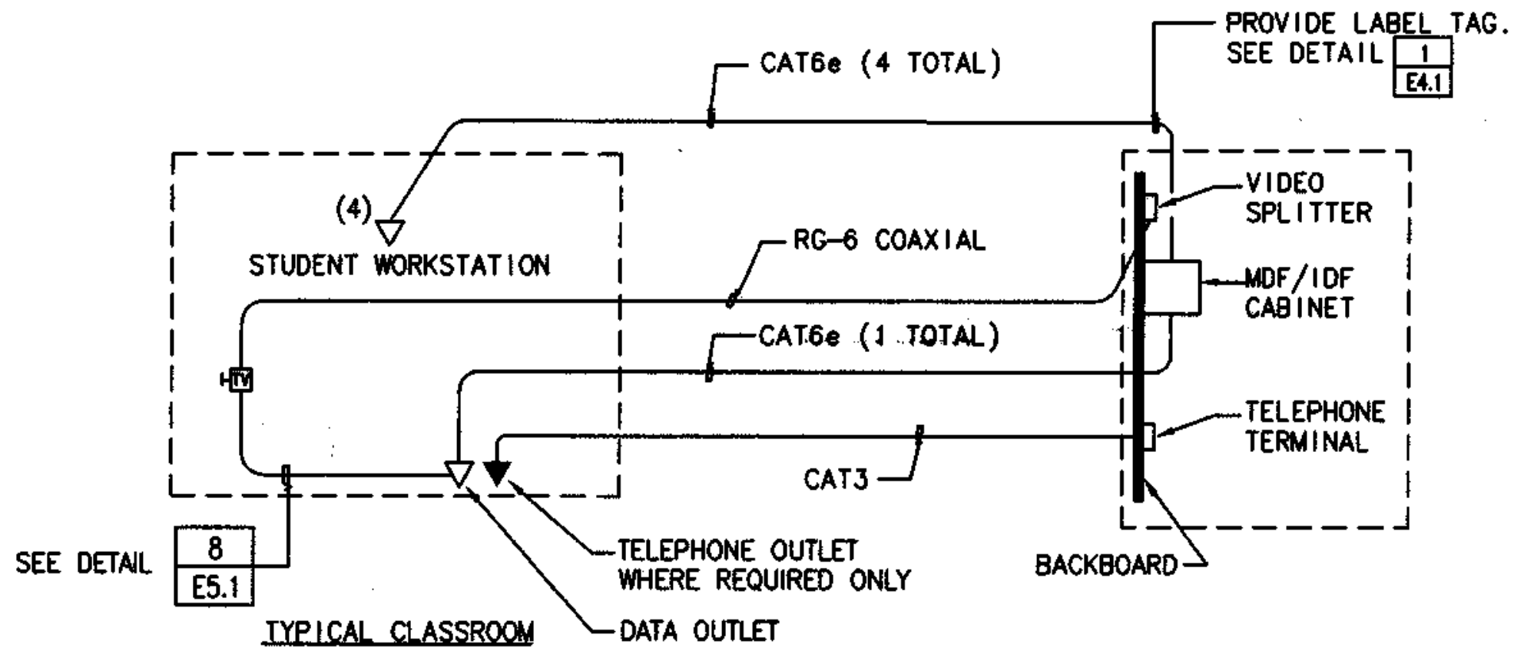
NOT TO SCALE


CABLE MANAGER (TYP.)
COMPUTER OUTLET (TEACHER OR STUDENT)
CAT 6e
48-PORT CAT 6e PATCH PANEL (TYP.)
CAT 5e PATCH CORD
ETHERNET SWITCH (BY OTHERS)
CAT 6e STATION PATCH CORD
WORK STATION
(BY OTHERS)
MDF/IDF/CDF

CATEGORY 5e WIRING SCHEME

4
-

NOT TO SCALE



NOTE: 1. WIRING SHALL BE TERMINATED COMPLETE WITH JACKS AND OTHER ACCESSORIES.

TYPICAL MDF/IDF TO CLASSROOM STATION CABLING

2
-

NOT TO SCALE

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LEE KARNEY
C 3158
EXP 12/31/

ARCHITECT'S STAMP

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No E15401

CONSULTANT'S STAMP

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DATE ___

AUTHORITY APPROVAL

DETAILS, WIRING SCHEME, LABEL ID TAG, PINNING AND COLOR CODES

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

DRAWN BY: CHECKED BY:

E5.3 1

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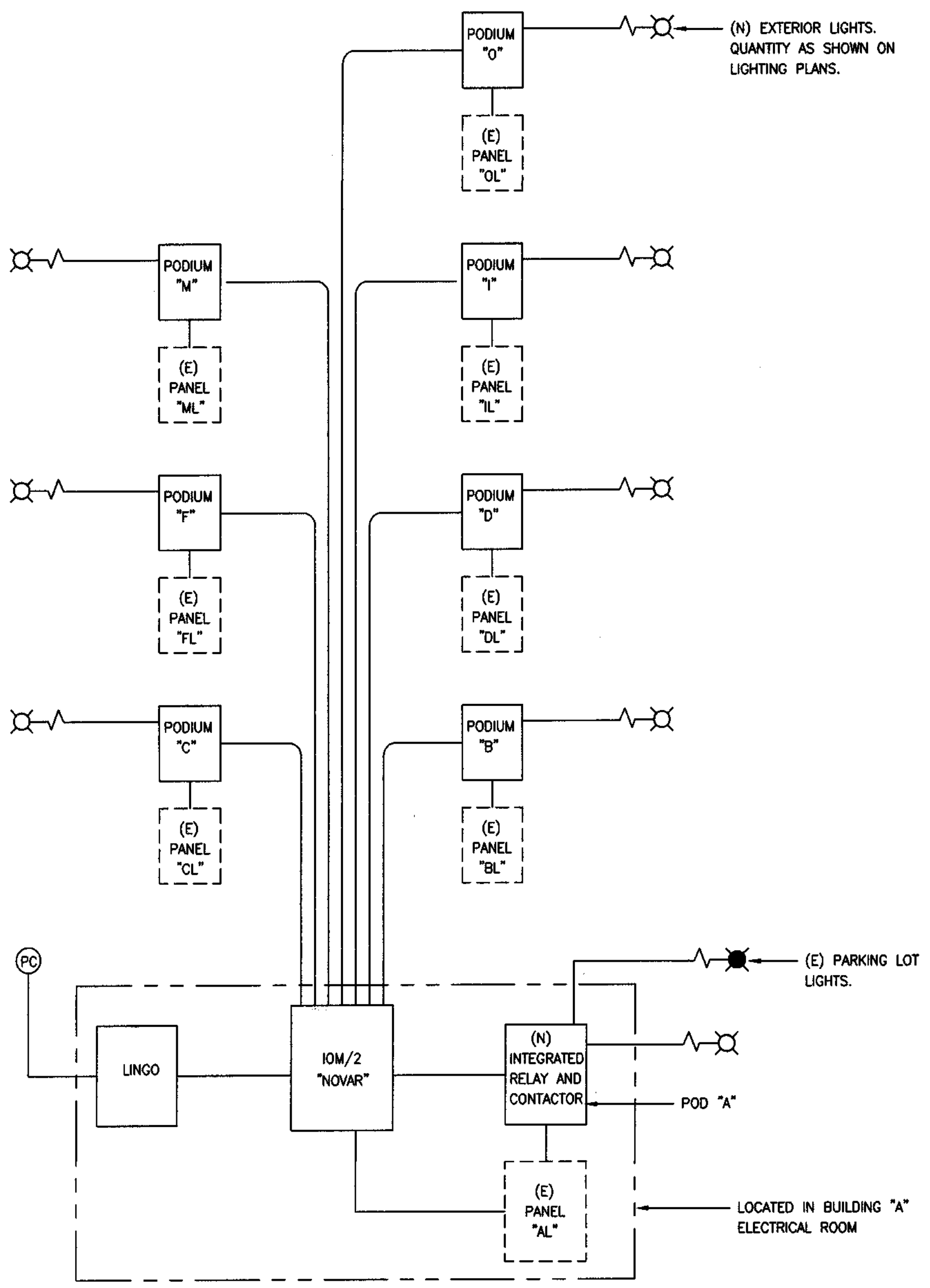
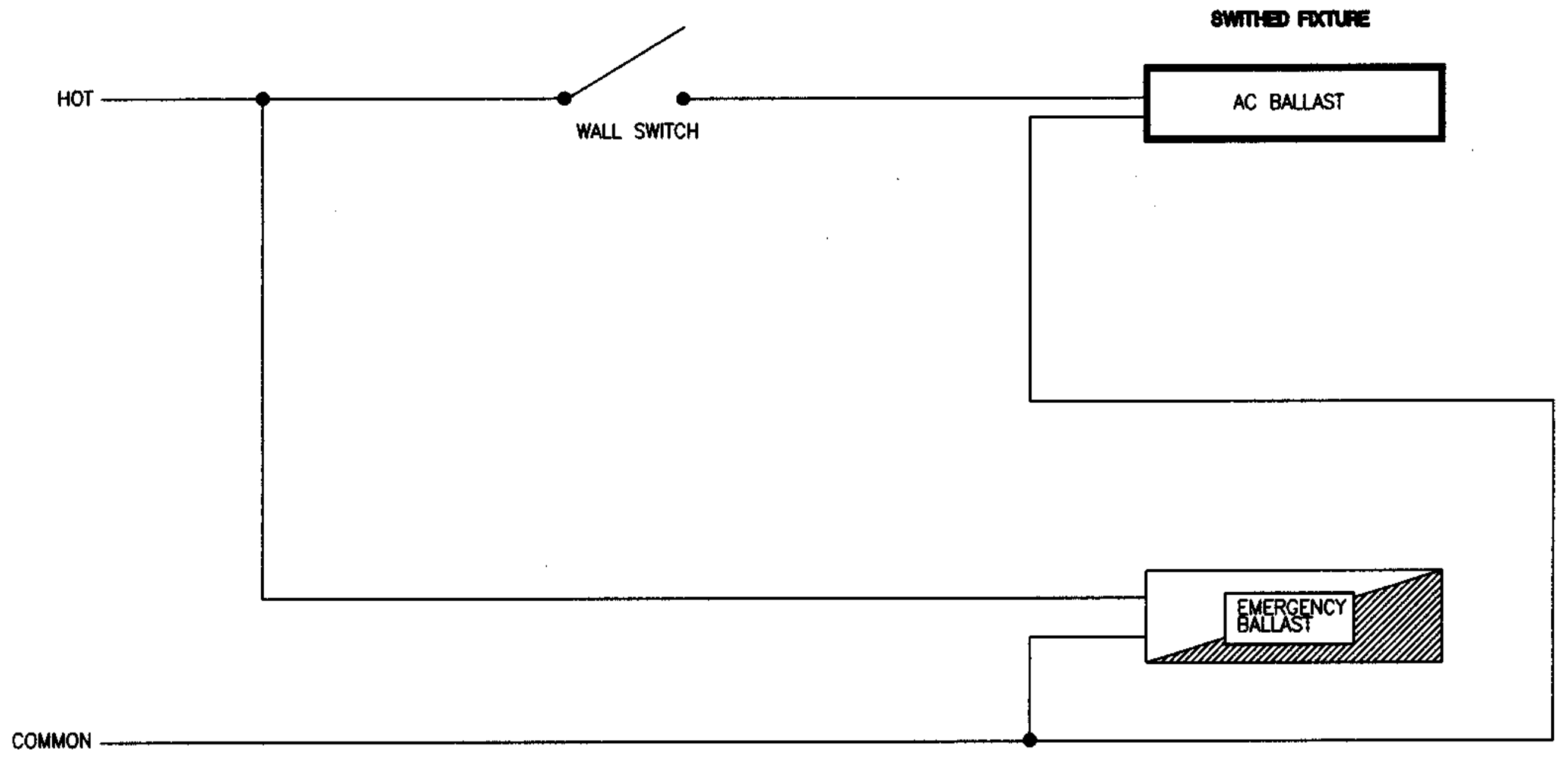


EXTERIOR LIGHTING CONTROL WIRING DIAGRAM

3
-

NOT TO SCALE

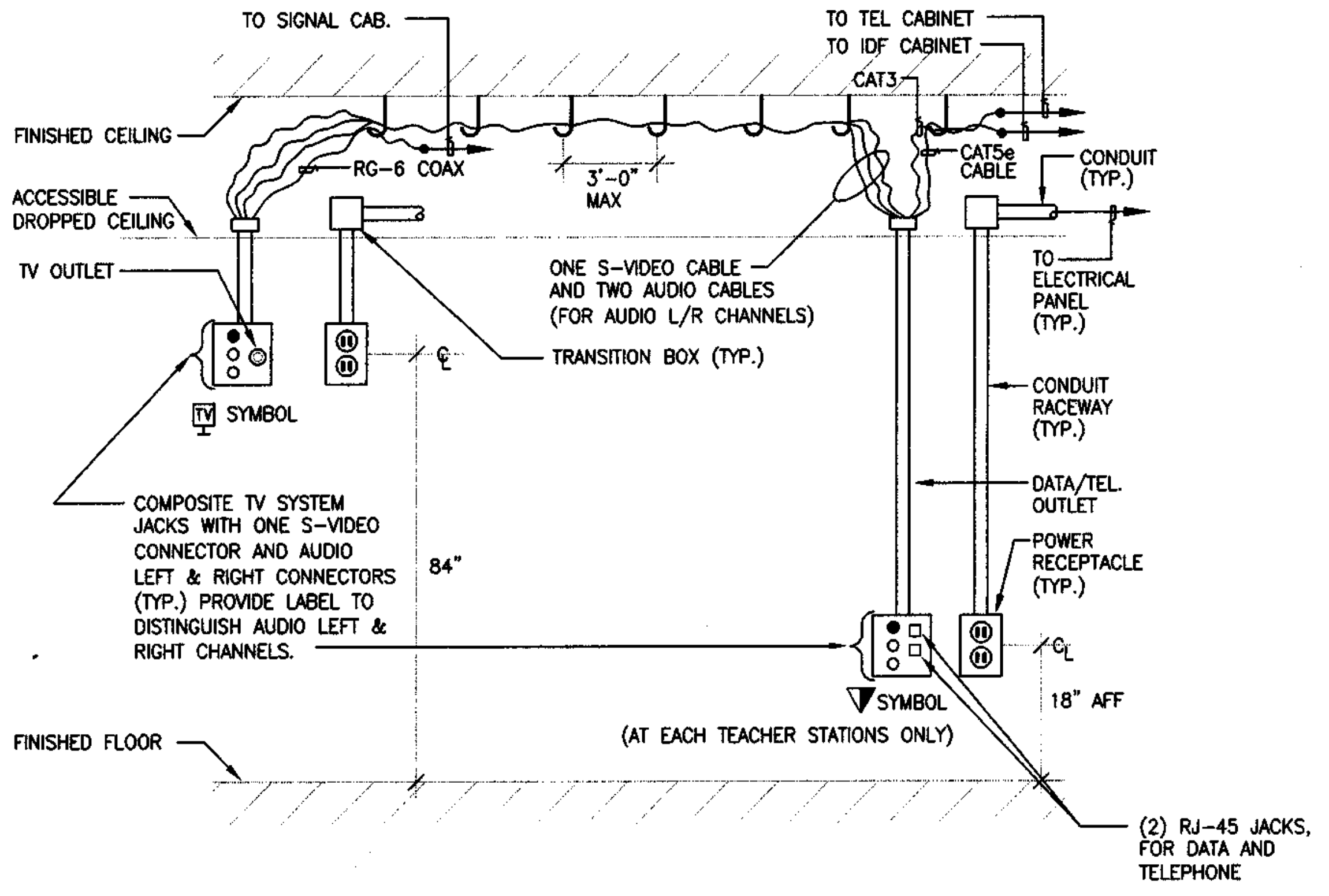
NOTE: CONTRACTOR TO FIELD VERIFY EXACT ELECTRICAL PANEL EACH EXTERIOR LIGHTS IS CONNECTED TO.



WIRING DIAGRAM FOR FIXTURES WITH EMERGENCY BALLAST

2
-

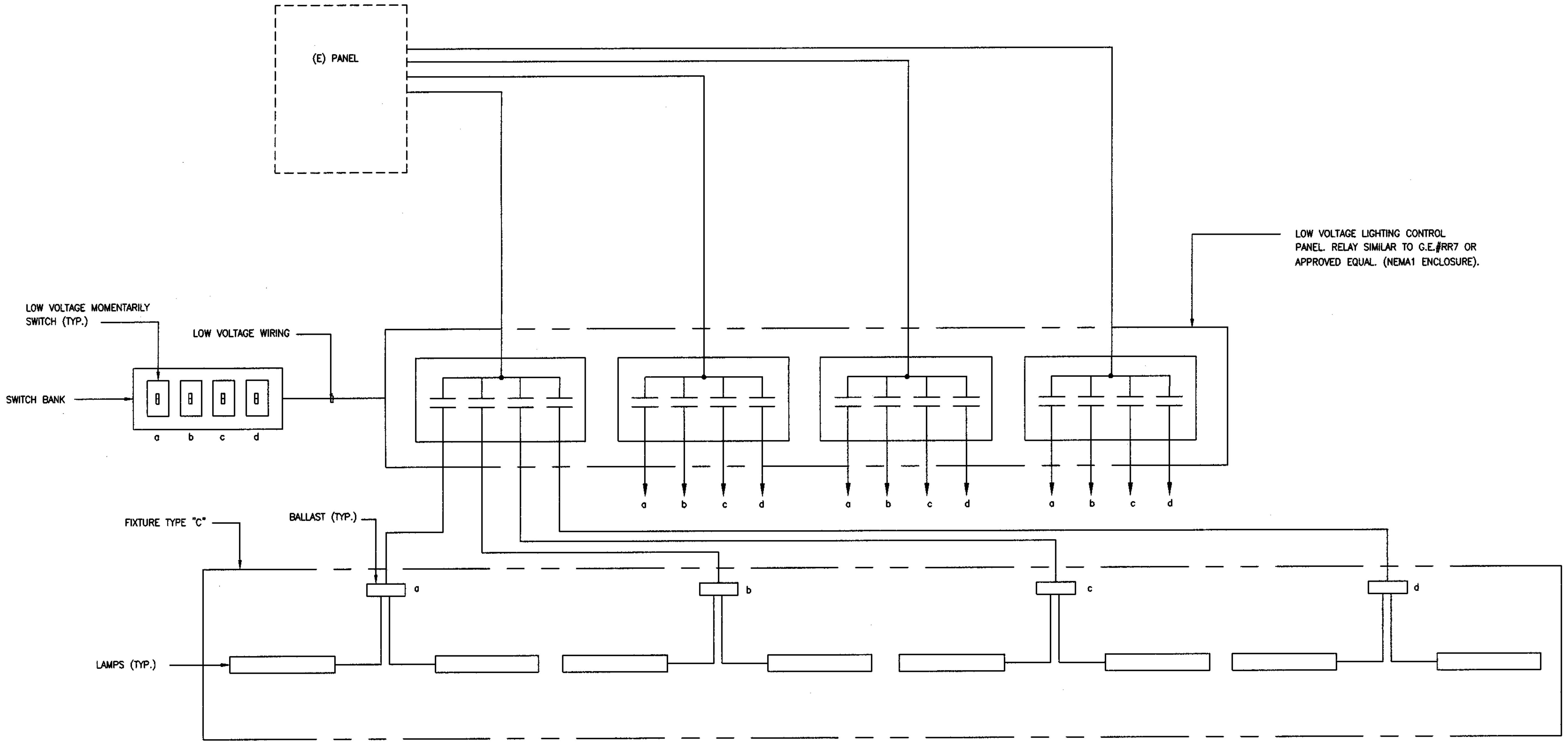
NOT TO SCALE


TO SIGNAL CAB.
TO TEL CABINET
TO IDF CABINET
CAT3
FINISHED CEILING
RG-6 COAX
3'-0" MAX
CAT5e CABLE
CONDUIT (TYP.)
ACCESSIBLE DROPPED CEILING
TV OUTLET
ONE S-VIDEO CABLE AND TWO AUDIO CABLES (FOR AUDIO L/R CHANNELS)
TRANSITION BOX (TYP.)
TO ELECTRICAL PANEL (TYP.)
℄
TV SYMBOL
CONDUIT RACEWAY (TYP.)
DATA/TEL. OUTLET
COMPOSITE TV SYSTEM JACKS WITH ONE S-VIDEO CONNECTOR AND AUDIO LEFT & RIGHT CONNECTORS (TYP.) PROVIDE LABEL TO DISTINGUISH AUDIO LEFT & RIGHT CHANNELS.
84"
POWER RECEPTACLE (TYP.)
℄
SYMBOL
18" AFF
(AT EACH TEACHER STATIONS ONLY)
FINISHED FLOOR
(2) RJ-45 JACKS, FOR DATA AND TELEPHONE

CONNECTION BETWEEN TV STATION TO TEACHER STATION DETAIL

1
E5.1

NOT TO SCALE


(E) PANEL
LOW VOLTAGE LIGHTING CONTROL PANEL. RELAY SIMILAR TO G.E.#RR7 OR APPROVED EQUAL. (NEMA1 ENCLOSURE).
LOW VOLTAGE MOMENTARILY SWITCH (TYP.)
LOW VOLTAGE WIRING
SWITCH BANK
a
b
c
d
a
b
c
d
a
b
c
d
a
b
c
d
FIXTURE TYPE "C"
BALLAST (TYP.)
a
b
c
d
LAMPS (TYP.)

MULTI-PURPOSE MAIN LIGHTING SWITCHING SCHEMATIC DIAGRAM

4
-

NOT TO SCALE

VBN ARCHITECTS

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OAKLAND, CA 94612
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■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LEE KARNEY C 3158 EXP 12/31/05

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ANTONIO C. JAKOSALEM No E15401 EXP. 06-30-05

CONSULTANT'S STAMP

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DATE 11-17-03

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DIVISION OF THE STATE ARCHITECT

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DATE ____

AUTHORITY APPROVAL

DETAILS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

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E5.4 1

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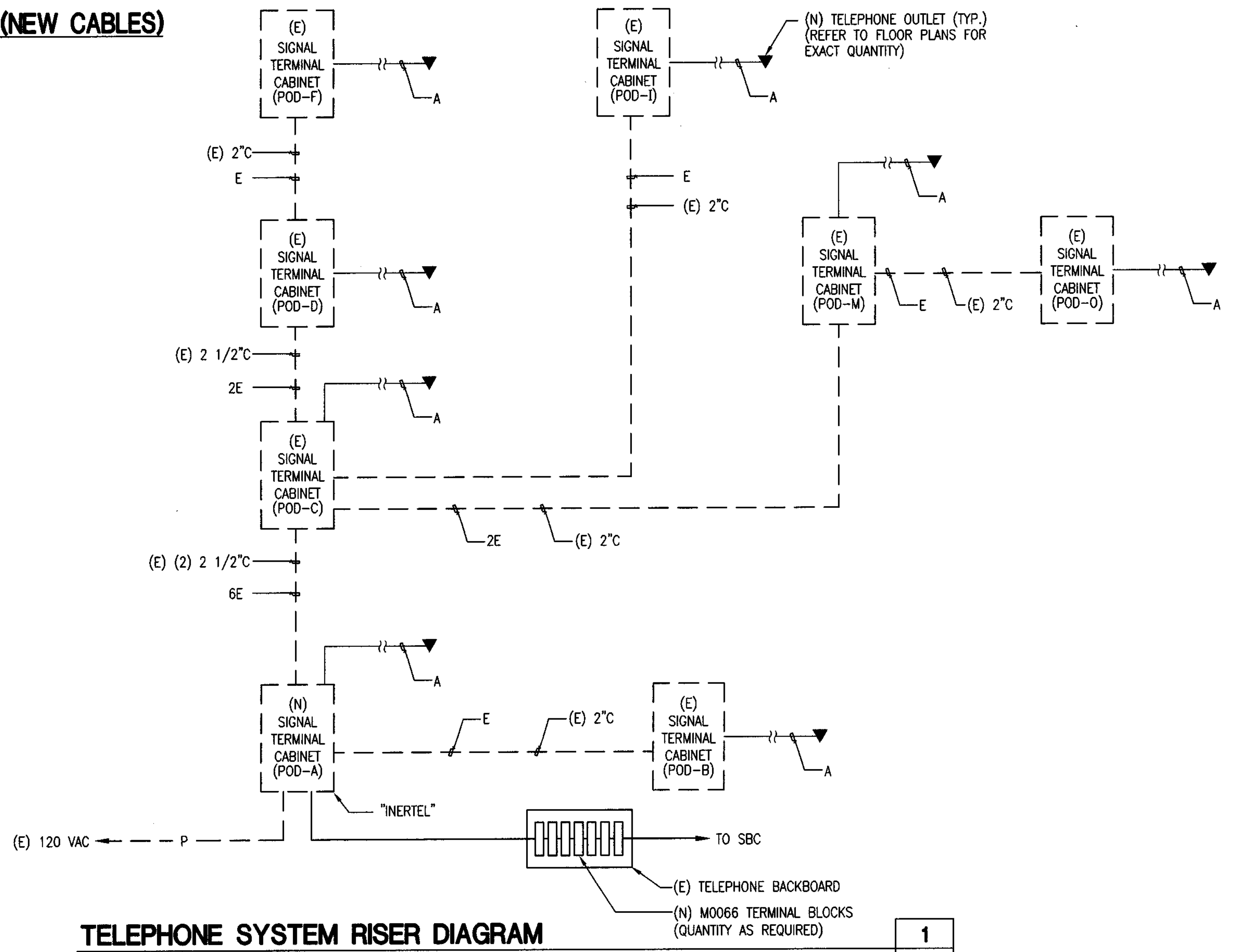
WIRING SCHEDULE (NEW CABLES)

D = CAT6 CABLE
E = 1-25 PAIR #22 AWG
F = 2-100 PAIR #22 AWG


(E) SIGNAL TERMINAL CABINET (POD-F)
(E) SIGNAL TERMINAL CABINET (POD-I)
(N) TELEPHONE OUTLET (TYP.) (REFER TO FLOOR PLANS FOR EXACT QUANTITY)
A
(E) 2"C
E
(E) SIGNAL TERMINAL CABINET (POD-D)
(E) SIGNAL TERMINAL CABINET (POD-M)
(E) SIGNAL TERMINAL CABINET (POD-O)
(E) 2 1/2"C
2E
(E) SIGNAL TERMINAL CABINET (POD-C)
(E) (2) 2 1/2"C
6E
(N) SIGNAL TERMINAL CABINET (POD-A)
(E) SIGNAL TERMINAL CABINET (POD-B)
"INERTEL"
(E) 120 VAC
P
TO SBC
(E) TELEPHONE BACKBOARD
(N) M0066 TERMINAL BLOCKS (QUANTITY AS REQUIRED)

TELEPHONE SYSTEM RISER DIAGRAM

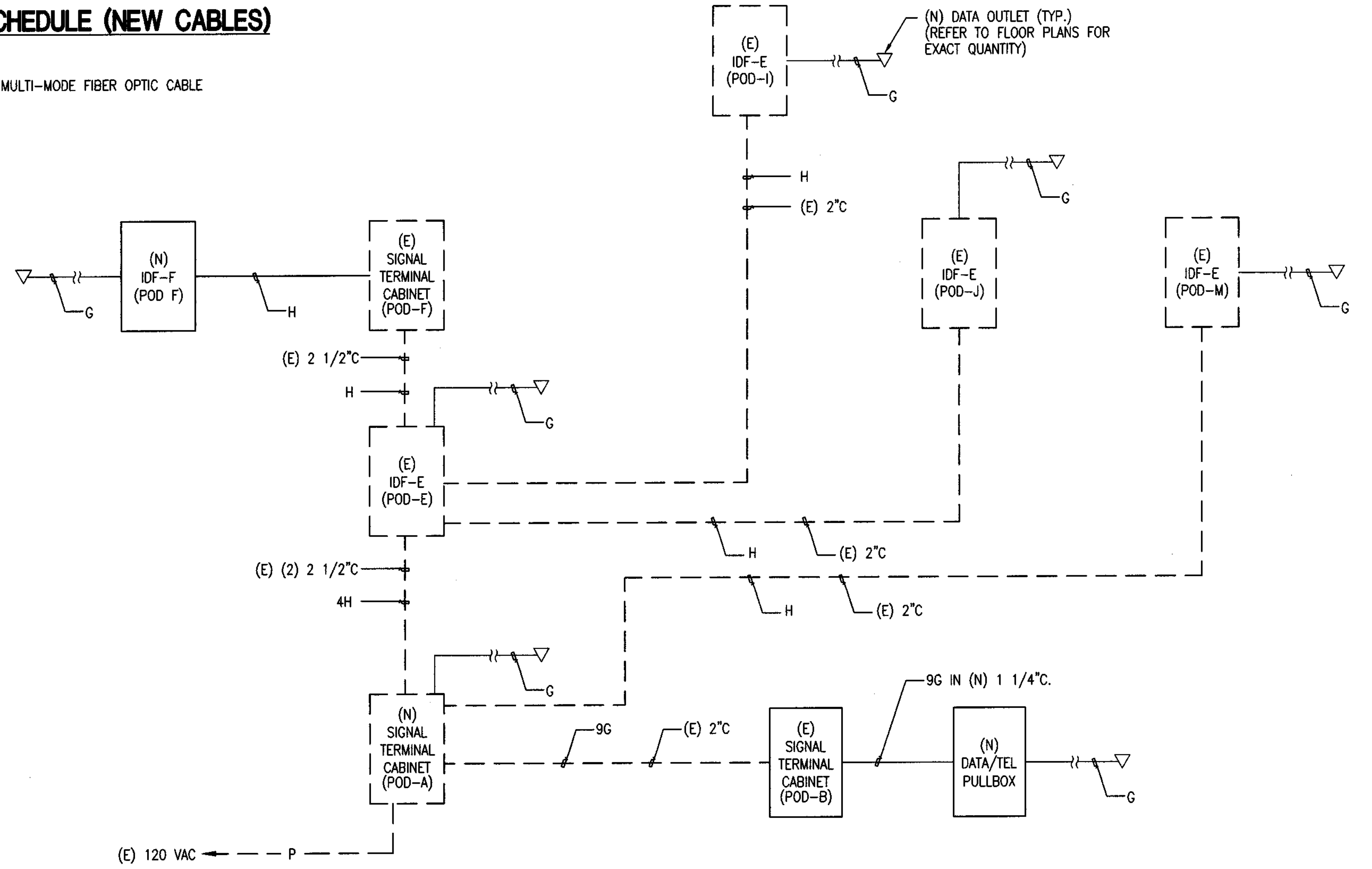
NOT TO SCALE

1
-

NOTE:
1. FOR EXACT LOCATION AND QUANTITY OF DEVICES, SEE FLOOR PLANS.

WIRING SCHEDULE (NEW CABLES)

G = CAT6 CABLE
H = 12 STRAND MULTI-MODE FIBER OPTIC CABLE



LAN/DATA SYSTEM RISER DIAGRAM

NOT TO SCALE

2
-

NOTE:
1. PROVIDE REQUIRED NUMBER OF ST FIBER PATCH PANELS AND CAT6 COPPER PATCH PANELS.
2. FOR EXACT LOCATION AND QUANTITY OF DEVICES, SEE FLOOR PLANS.

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☐ FRANZ STEINER AIA
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LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/03 STATE OF CALIFORNIA

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ANTONIO C. JAKOSALEM No E15401 EXP. 06-30-05 ELECTRICAL

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SAN MATEO-FOSTER CITY SCHOOL DISTRICT

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01-101836 DATE 11-17-03

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AUTHORITY APPROVAL

TELEPHONE AND LAN/DATA SYSTEMS RISER DIAGRAMS

DATE	ISSUE	REV.
07.09.99	DSA SUBMITTAL	
11.09.99	DSA BACK CHECK	
11.13.03	ADDENDUM #1	1

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E5.5 1

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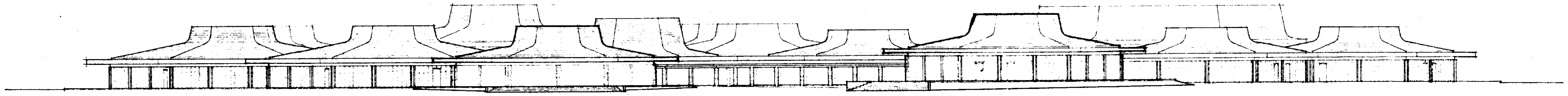
AD01.09 BOWDITCH 1968
DRAWINGS
(FOR REFERENCE ONLY)



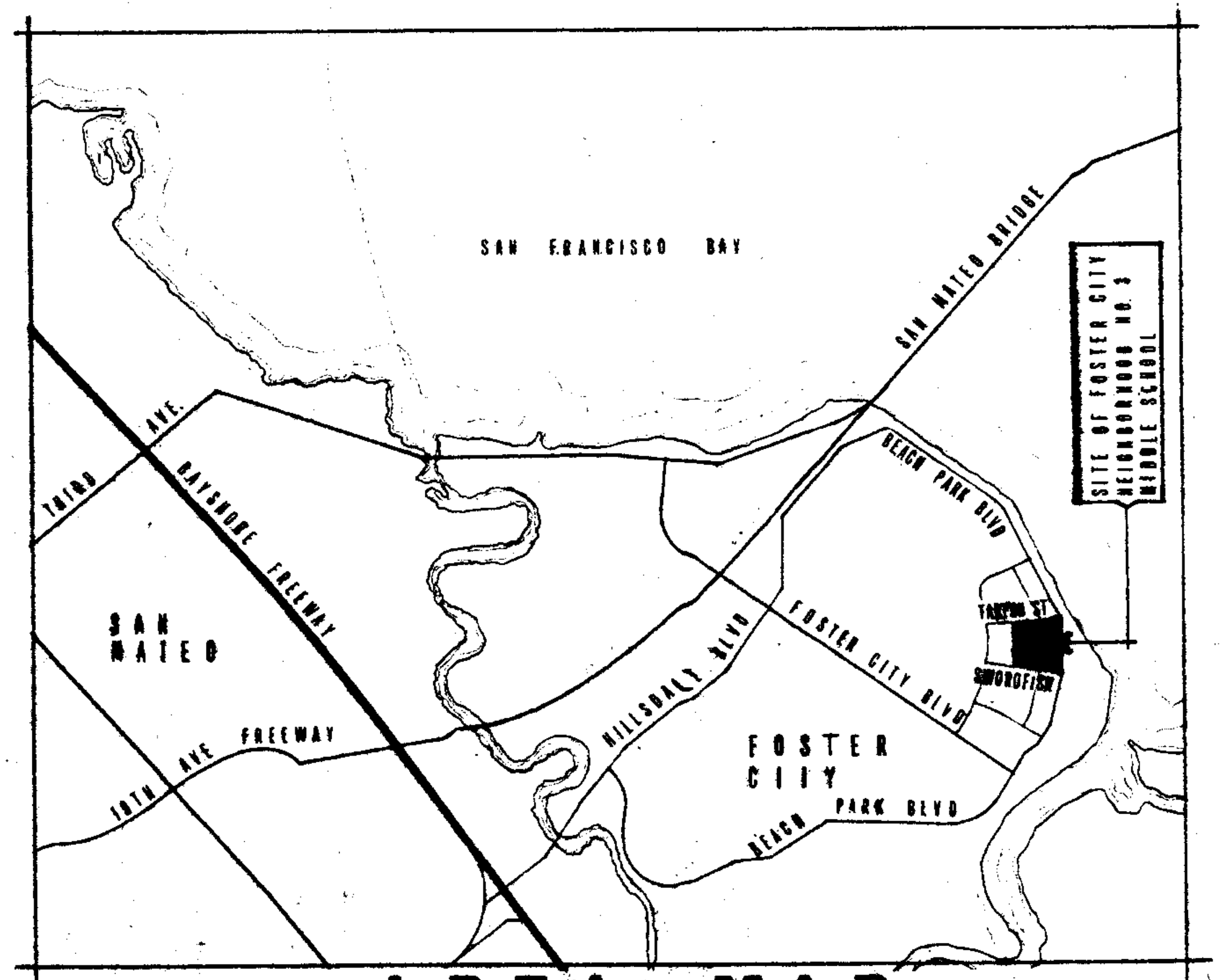
WEST ELEVATION scale 1":20'-0"

NATHANIEL BOWDITCH SCHOOL

FOSTER CITY NEIGHBORHOOD NO. 3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT

SAN MATEO SCHOOL DISTRICT BOARD MEMBERS
WILLIAM C. GILLESPIE, President
WILLIAM C. JOW, Vice President
RUTH K. NAGLER
DR. EDGAR F. DRUCKER
MARY JO HOWELL

HAROLD DEPUE, Superintendent



AREA MAP

APPROVED
STATE [illegible]
STATE [illegible]
DATE JAN [illegible] 1968

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
PRINCIPAL STRUCTURAL ENGINEER

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-30[illegible]

TITLE SHEET
LOCATION MAP

REVISIONS

JOB NUMBER 6805
DESIGNED
DRAWN
CHECKED
DATE JAN. 12. 1968

A.1
OF 19 SHEETS

ABBREVIATIONS

A

ALUM.	ALUMINUM
A.V.	AUDIO-VISUAL

B

B.D.	BOARD
BLDG.	BUILDING
BLKG.	BLOCKING
BOTT.	BOTTOM

C

CEM.PLAS.	CEMENT PLASTER
C.B.	CHALK BOARD
C.C.	CENTER TO CENTER
CL.	CLOCK
COMPO.	COMPOSITION
CONC.	CONCRETE
CONT.	CONTINUOUS

D

DET.	DETAIL
D.F.	DOUGLAS FIR
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
D.M.	RECESSED RUBBER DOOR MAT

E

EL.	ELEVATION
E.J.	EXPANSION JOINT
E.W.F	ELECTRICALLY WELDED FABRIC
E.A.	EXPOSED AGGREGATE

F

F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISER
F.S.V.B.	FIRE SPRINKLER VALVE BOX
F.H.M.S.	FLAT HEAD METAL SCREW
F.H.W.S.	FLAT HEAD WOOD SCREW

G

GA.	GAUGE
GAL.	GALVANIZED
GL.	GLASS
GLU.LAM.	GLUED LAMINATED
G.R.G.	GRAVITY RELIEF GRILLE
GYP.BD.	GYPSUM BOARD
G.D.	GUTTER DRAIN

H

HR.	HOUR
H.R.	HOSE RACK

I

INV.	INVERT.

J

K

L

LAM.	LAMINATED
LAV.	LAVATORY
L.C.	LUMINOUS CEILING

M

M.R.	MAP RAIL
MET.	METAL
M.	METAL

N

N.I.C.	NOT IN CONTRACT

O

O.C.	ON CENTER
O.F.	ROOF OVERFLOW

P

P.B.	PANIC BAR
PLUMB.	PLUMBING
PLYWD.	PLYWOOD

Q

R

REFR.	REFRIGERATOR
R.M.	REMOVABLE MULLION
RWL.	RAIN WATER LEADER
RDWD	RED WOOD
R.C.P	REINFORCED CONCRETE PIPE

S

SPEC.	SPECIFICATIONS
SK.	SINK
STRUC.	STRUCTURAL
S4S	SURFACED 4 SIDES

T

T.B.	TACK BOARD
T.C.P.	TEMPERATURE CONTROL PANEL
TYP.	TYPICAL

U

UR.	URINAL

V

V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
V.C.P.	VITRIFIED CLAY PIPE

W

W.C.	WATER CLOSET
W. OR W.D.	WOOD

X

Y

Z

INTERIOR FINISH SYMBOLS

FLOOR

- Ⓐ CARPET
- Ⓑ RESILIENT TILE
- Ⓒ CERAMIC TILE
- Ⓓ CONCRETE - NATURAL
- Ⓔ CONCRETE - COLORED
- Ⓕ WOOD
- Ⓖ POLISHED RESINE TERRAZZO
- Ⓗ INDUSTRIAL TERRAZZO

BASE

- Ⓙ 6" WOOD
- Ⓚ 4" WOOD
- Ⓛ CONCRETE
- Ⓜ COVED POLISHED RESINE TERRAZZO

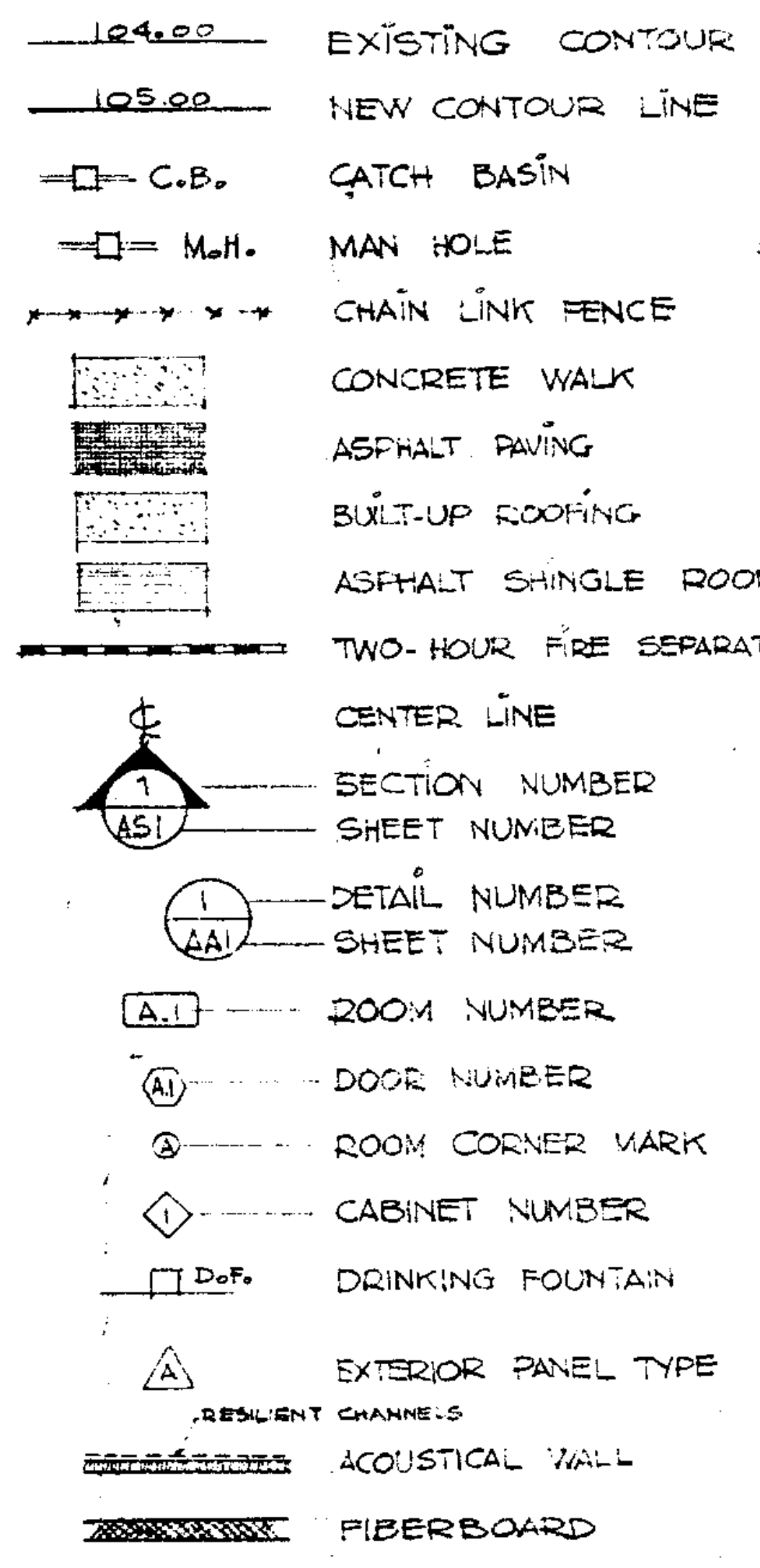
WALLS

- Ⓝ 5/8" GYPSUM BOARD PAINTED
- Ⓟ 1/2" GYPSUM BOARD PAINTED
- Ⓠ VINYL WALL FABRIC ON 5/8" GYPSUM BOARD
- Ⓡ VINYL WALL FABRIC ON 1/2" GYPSUM BOARD
- Ⓢ VINYL WALL FABRIC ON 1/2" GYPSUM BOARD + 5/8" GYPSUM BOARD
- Ⓣ VINYL WALL FABRIC ON 1/2" FIBER BOARD + 5/8" GYPSUM BOARD
- Ⓤ CEMENT PLASTER PAINTED
- Ⓥ ACOUSTIC TILE ON 5/8" GYPSUM BOARD
- Ⓦ ACOUSTIC TILE ON 1/2" GYPSUM BOARD
- Ⓧ GLAZED CERAMIC TILE
- Ⓨ LAMINATED PLASTIC ON PARTICLE BOARD + 5/8 GYPSUM BOARD
- Ⓩ ENAMELED ASBESTOS ON 5/8 GYPSUM BOARD
- (AA)

CEILING

- (BB) 5/8" GYPSUM BOARD PAINTED
- (CC) 1/2" GYPSUM BOARD PAINTED
- (DD) TEXTURED FINISHED 5/8" GYPSUM BOARD (ACOUSTICAL)
- (EE) TEXTURED FINISHED 1/2" GYPSUM BOARD (ACOUSTICAL)
- (FF) ACOUSTICAL TILE ON 5/8" GYPSUM BOARD
- (GG) ACOUSTICAL TILE ON 1/2" GYPSUM BOARD

DRAWING SYMBOLS



EXISTING CONTOUR LINE
NEW CONTOUR LINE
CATCH BASIN
MAN HOLE
CHAIN LINK FENCE
CONCRETE WALK
ASPHALT PAVING
BUILT-UP ROOFING
ASPHALT SHINGLE ROOFING
TWO-HOUR FIRE SEPARATION
CENTER LINE
SECTION NUMBER
SHEET NUMBER
DETAIL NUMBER
SHEET NUMBER
ROOM NUMBER
DOOR NUMBER
ROOM CORNER MARK
CABINET NUMBER
DRINKING FOUNTAIN
EXTERIOR PANEL TYPE
ACOUSTICAL WALL
FIBERBOARD

GENERAL NOTES

1. ALL "N.I.C" & FUTURE ITEMS ARE NOT INCLUDED IN THE SCOPE OF THE APPROVAL OF THIS CONTRACT.
2. ALL CASE & CABINET WORK SHALL BE SECURILY FASTENED TO THE STRUCTURE
3. ALL RECESSED LIGHT FIXTURES SHALL HAVE 1 HOUR BACKING IN 1 HOUR RATED CEILING (5/8" GYB

INDEX TO DRAWINGS

ARCHITECTURAL

GENERAL

A1	COVER SHEET
A2	INDEX
A3	SITE PLAN & STORM DRAINAGE
A3a	LOGS OF BORINGS
A4	SITE PLAN DETAILS
A5	BUILDING LAYOUT
A6	MASTER PLAN
A7	ROOF PLAN
A8	ROOF DETAILS
A9	CABINET SCHEDULE

ARCHITECTURAL SECTIONS

AS1	PODS "A" "B" & "C"
AS2	PODS "D" "E" "F" "G" "H" & "I"
AS3	PODS "J" "K" & "L"
AS4	PODS "M" & "N"
AS5	POD "N"
AS6	POD "O"

POD "A"

AA1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AA1a	INTERIOR FINISH & DOOR SCHEDULES
AA2	POD "A" EXTERIOR ELEVATIONS & DETAILS
AA3	POD "A" EXTERIOR DETAILS

POD "B"

AB1	FLOOR PLAN · REFLECTED CEILING PLAN
AB1a	INTERIOR FINISH & DOOR SCHEDULES
AB2	INTERIOR ELEVATIONS

POD "C"

AC1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AC1a	INTERIOR FINISH & DOOR SCHEDULES

POD "D"

AD1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AD1a	INTERIOR FINISH & DOOR SCHEDULES

POD "E"

AE1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AE1a	INTERIOR FINISH & DOOR SCHEDULES

POD "F"

AF1	FLOOR PLAN · REFLECTED CEILING PLAN
AF1a	INTERIOR FINISH & DOOR SCHEDULES
AF2	INTERIOR ELEVATIONS

POD "G"

AG1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AG1a	INTERIOR FINISH & DOOR SCHEDULES

POD "H"

AH1	FLOOR PLAN · REFLECTED CEILING PLAN
AH1a	INTERIOR FINISH & DOOR SCHEDULES
AH2	INTERIOR ELEVATIONS

POD "I"

AI1	FLOOR PLAN · REFLECTED CEILING PLAN
AI1a	INTERIOR FINISH & DOOR SCHEDULES
AI2	INTERIOR ELEVATIONS

POD "J"

AJ1	FLOOR PLANS
AJ1a	INTERIOR FINISH & DOOR SCHEDULES
AJ2	REFLECTED CEILING PLANS
AJ3	INTERIOR ELEVATIONS
AJ4	STAIR DETAILS

POD "K"

AK1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AK1a	INTERIOR FIN

POD "L"

AL1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AL1a	INTERIOR FINISH & DOOR SCHEDULES

POD "M"

AM1	FLOOR PLAN · REFLECTED CEILING PLAN
AM1a	INTERIOR FINISH & DOOR SCHEDULES
AM2	INTERIOR ELEVATIONS

POD "N"

AN1	FLOOR PLAN · REFLECTED CEILING PLAN
AN1a	INTERIOR FINISH & DOOR SCHEDULES
AN2	INTERIOR ELEVATIONS

POD "O"

AO1	FLOOR PLAN · REFLECTED CEILING PLAN
AO1a	INTERIOR FINISH & DOOR SCHEDULES
AO2	INTERIOR ELEVATIONS RMS. O-1 THRU O-17
AO3	INTERIOR ELEVATIONS RMS. O-18 THRU O-26

TYPICAL DETAILS

AT1	PANEL TYPES OF EXTERIOR ELEVATIONS
AT2	TYPICAL EXTERIOR WALL PANEL DETAILS
AT3	TYPICAL EXTERIOR WALL PANEL DETAILS
AT4	INTERIOR DETAILS
AT5	CEILING DETAILS

STRUCTURAL

S1	DRAWINGS INDEX · TYPICAL DETAILS · GENERAL NOTES
S2	COLUMN SCHEDULE · COLUMN FOOTING SCHEDULE · TYPICAL GRADE BEAM DETAILS
S3	FOUNDATION DETAILS
S4	FOUNDATION PLAN · UNITS A & B
S5	FOUNDATION PLAN · UNITS C·D & E
S6	FOUNDATION PLAN · UNITS F·G·H·I & J
S7	FOUNDATION PLAN · UNITS K·L & M
S8	FOUNDATION PLAN · UNITS N & O
S9	ROOF FRAMING PLANS · UNITS A & B
S10	ROOF FRAMING PLANS · UNITS C·D & E
S11	ROOF FRAMING PLANS · UNITS F·G·H·I & J
S12	ROOF FRAMING PLANS · UNITS K·L & M
S13	ROOF FRAMING PLANS · UNITS N & O
S14	PART PLANS · TYPICAL FRAMING & SECTIONS · UNITS D·E·F·G·H·I & J
S15	PART PLANS · TYPICAL FRAMING & SECTIONS · UNITS K·L & M
S16	STRUCTURAL DETAILS
S17	STRUCTURAL DETAILS
S18	STRUCTURAL DETAILS · UNIT "J"
S19	STRUCTURAL DETAILS · UNIT "B"
S20	STRUCTURAL DETAILS · UNIT "C"
S21	STRUCTURAL DETAILS · UNIT "N"
S22	STRUCTURAL DETAILS · UNIT "N"
S23	STRUCTURAL DETAILS · UNITS "N" & "O"
S24	STRUCTURAL DETAILS · UNIT "O"
S25	STRUCTURAL DETAILS · COVERED LOCKERS & WALKS

MECHANICAL

M1	MECHANICAL FLOOR PLANS · PODS "A" & "B"
M2	MECHANICAL FLOOR PLANS · PODS "C" & "D"
M3	MECHANICAL FLOOR PLANS · PODS "E" & "F"
M4	MECHANICAL FLOOR PLANS · PODS "G" & "H"
M5	MECHANICAL FLOOR PLANS · POD "I"
M6	MECHANICAL FLOOR PLANS · PODS "J" & "K"
M7	MECHANICAL FLOOR PLANS · PODS "L" & "M"
M8	MECHANICAL FLOOR PLANS · PODS "N" & "O"
M9	MECHANICAL ROOF PLANS & SECTIONS · POD "C" & "D"
M10	MECHANICAL DETAILS
M11	MECHANICAL SCHEDULES & CONTROLS

PLUMBING

P1	PLUMBING PLOT PLAN
P2	PLUMBING ROOF PLAN
P3	PLUMBING DETS · GENERAL NOTES · SCHEDULE & SYMBOLS
P4	PLUMBING DETAILS
P5	PLUMBING FLOOR PLANS · PODS "A" & "B"
P6	PLUMBING FLOOR PLANS · PODS "C" & "D"
P7	PLUMBING FLOOR PLANS · PODS "E" & "F"
P8	PLUMBING FLOOR PLANS · POD "G"
P9	PLUMBING FLOOR PLANS · PODS "H" & "N"
P10	PLUMBING FLOOR PLANS · POD "I"
P11	PLUMBING FLOOR PLANS · PODS "J" & "K"
P12	PLUMBING FLOOR PLANS · PODS "L" & "M"
P13	PLUMBING FLOOR PLANS · POD "O"

TURF SPRINKLER

T1	TURF SPRINKLER PLAN & DETAILS

ELECTRICAL

E1	ELECTRICAL SITE PLAN
E2	
E3	
E4	LIGHTING FLOOR PLANS · PODS "A" "C" & "K"
E5	RECEPTACLE FLOOR PLANS · PODS "A" "C" & "K"
E6	LIGHTING & RECEPTACLE FLOOR PLANS POD "B"
E7	LIGHTING FLOOR PLANS · PODS "D" "E" & "J"
E8	RECEPTACLE FLOOR PLANS · PODS "D" "E" & "J"
E9	LIGHTING FLOOR PLANS · PODS "F" & "G"
E10	RECEPTACLE FLOOR PLANS · PODS "F" & "G"
E11	LIGHTING FLOOR PLANS · PODS "H" & "I"
E12	RECEPTACLE FLOOR PLANS · PODS "H" & "I"
E13	LIGHTING FLOOR PLANS · PODS "L" & "M"
E14	RECEPTACLE FLOOR PLANS · PODS "L" & "M"
E15	LIGHTING FLOOR PLANS · PODS "N" & "O"
E16	RECEPTACLE FLOOR PLANS · PODS "N" & "O"
E17	PANEL BOARD SCHEDULE
E18	PANEL BOARD SCHEDULE

REFERENCE

R1	TOPOGRAPHIC SURVEY OF EXISTING SITE

APPROVAL
STATE [illegible]
STATE [illegible]
DATE JAN 16 [illegible]
BY

STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29448 APPROVED JAN 16 19[illegible]

ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

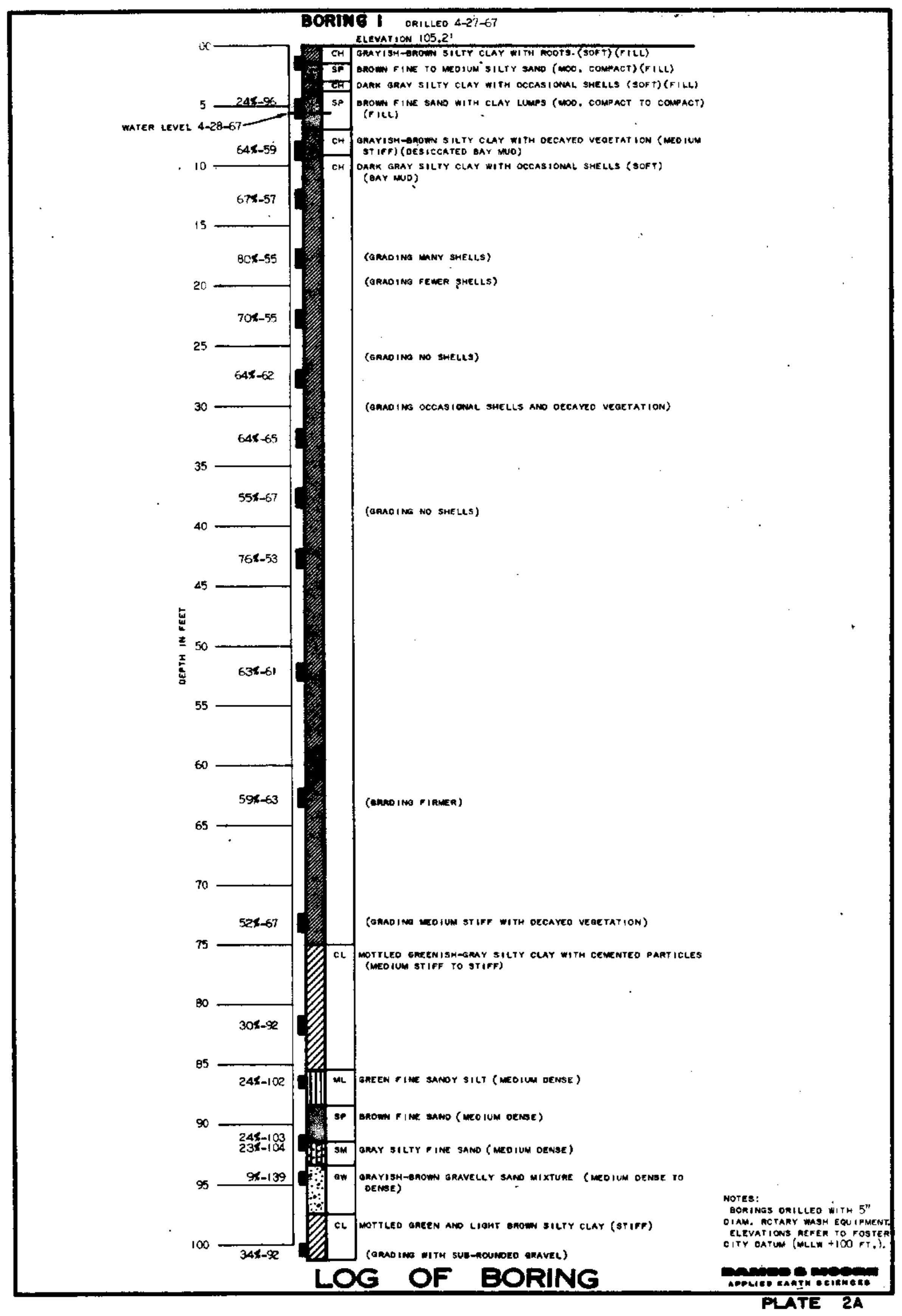
KAL H. PORTER
DON JENSEN • ASSOCIATES
AIA
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

INDEX TO DRAWINGS
INTERIOR FINISH SYMBOLS
DRAWING SYMBOLS
ABBREVIATIONS

REVISIONS

JOB NUMBER
DESIGNED
DRAWN
CHECKED
DATE

A.2
OF 9 SHEETS

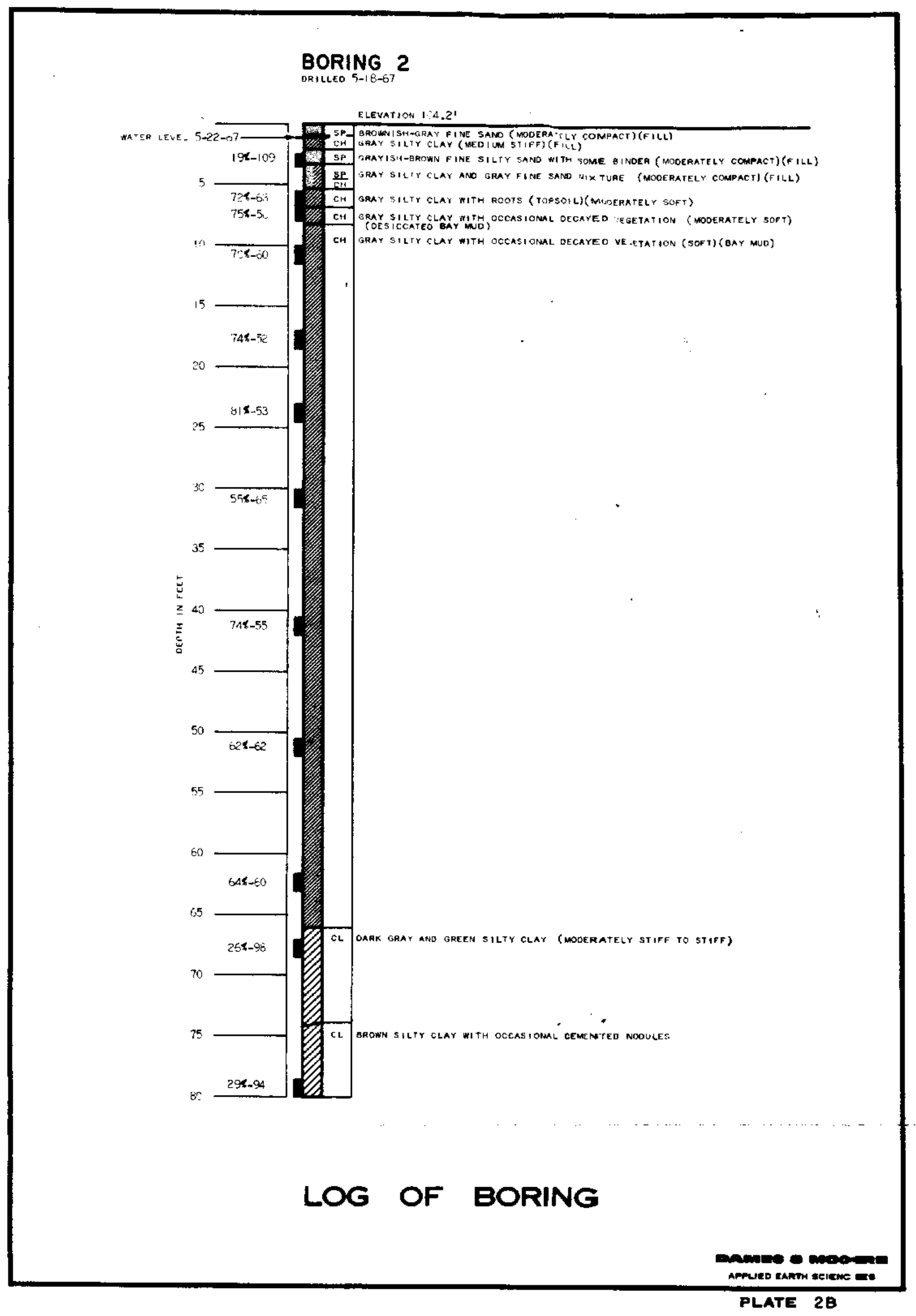

BORING I DRILLED 4-27-67
ELEVATION 105.2'
CH GRAYISH-BROWN SILTY CLAY WITH ROOTS (SOFT)(FILL)
SP BROWN FINE TO MEDIUM SILTY SAND (MOD. COMPACT)(FILL)
CH DARK GRAY SILTY CLAY WITH OCCASIONAL SHELLS (SOFT)(FILL)
SP BROWN FINE SAND WITH CLAY LUMPS (MOD. COMPACT TO COMPACT) (FILL)
WATER LEVEL 4-28-67
CH GRAYISH-BROWN SILTY CLAY WITH DECAYED VEGETATION (MEDIUM STIFF)(DESICCATED BAY MUD)
CH DARK GRAY SILTY CLAY WITH OCCASIONAL SHELLS (SOFT) (BAY MUD)
(GRADING MANY SHELLS)
(GRADING FEWER SHELLS)
(GRADING NO SHELLS)
(GRADING OCCASIONAL SHELLS AND DECAYED VEGETATION)
(GRADING NO SHELLS)
(GRADING FIRMER)
(GRADING MEDIUM STIFF WITH DECAYED VEGETATION)
CL MOTTLED GREENISH-GRAY SILTY CLAY WITH CEMENTED PARTICLES (MEDIUM STIFF TO STIFF)
ML GREEN FINE SANDY SILT (MEDIUM DENSE)
SP BROWN FINE SAND (MEDIUM DENSE)
SM GRAY SILTY FINE SAND (MEDIUM DENSE)
GW GRAYISH-BROWN GRAVELLY SAND MIXTURE (MEDIUM DENSE TO DENSE)
CL MOTTLED GREEN AND LIGHT BROWN SILTY CLAY (STIFF)
(GRADING WITH SUB-ROUNDED GRAVEL)
24%-96
64%-59
67%-57
80%-55
70%-55
64%-62
64%-65
55%-67
76%-53
63%-61
59%-63
52%-67
30%-92
24%-102
24%-103
23%-104
9%-139
34%-92
DEPTH IN FEET
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

NOTES:
BORINGS DRILLED WITH 5" DIAM. ROTARY WASH EQUIPMENT.
ELEVATIONS REFER TO FOSTER CITY DATUM (MLLW +100 FT.).

LOG OF BORING

DAMES & MOORE
APPLIED EARTH SCIENCES

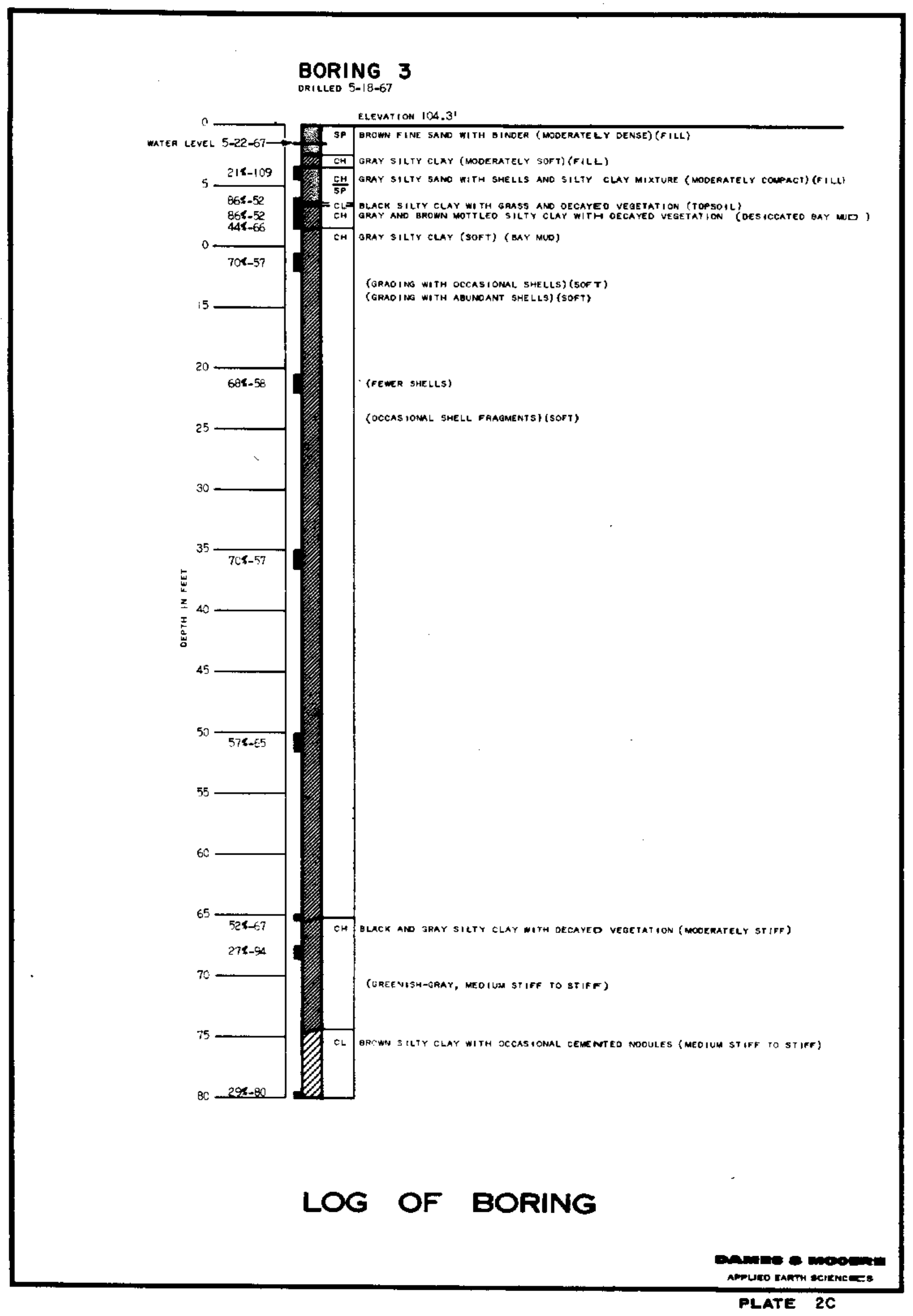
PLATE 2A


BORING 2
DRILLED 5-18-67
ELEVATION 104.2'
WATER LEVEL 5-22-67
SP BROWNISH-GRAY FINE SAND (MODERATELY COMPACT)(FILL)
CH GRAY SILTY CLAY (MEDIUM STIFF)(FILL)
SP GRAYISH-BROWN FINE SILTY SAND WITH SOME BINDER (MODERATELY COMPACT)(FILL)
SP/CH GRAY SILTY CLAY AND GRAY FINE SAND MIXTURE (MODERATELY COMPACT)(FILL)
CH GRAY SILTY CLAY WITH ROOTS (TOPSOIL)(MODERATELY SOFT)
CH GRAY SILTY CLAY WITH OCCASIONAL DECAYED VEGETATION (MODERATELY SOFT) (DESICCATED BAY MUD)
CH GRAY SILTY CLAY WITH OCCASIONAL DECAYED VEGETATION (SOFT)(BAY MUD)
CL DARK GRAY AND GREEN SILTY CLAY (MODERATELY STIFF TO STIFF)
CL BROWN SILTY CLAY WITH OCCASIONAL CEMENTED NODULES
19%-109
72%-63
75%-50
70%-60
74%-52
81%-53
55%-65
74%-55
62%-62
64%-60
26%-96
29%-94
DEPTH IN FEET
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

LOG OF BORING

DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE 2B


BORING 3
DRILLED 5-18-67
ELEVATION 104.3'
WATER LEVEL 5-22-67
SP BROWN FINE SAND WITH BINDER (MODERATELY DENSE)(FILL)
CH GRAY SILTY CLAY (MODERATELY SOFT)(FILL)
CH/SP GRAY SILTY SAND WITH SHELLS AND SILTY CLAY MIXTURE (MODERATELY COMPACT)(FILL)
CL BLACK SILTY CLAY WITH GRASS AND DECAYED VEGETATION (TOPSOIL)
CH GRAY AND BROWN MOTTLED SILTY CLAY WITH DECAYED VEGETATION (DESICCATED BAY MUD)
CH GRAY SILTY CLAY (SOFT) (BAY MUD)
(GRADING WITH OCCASIONAL SHELLS)(SOFT)
(GRADING WITH ABUNDANT SHELLS)(SOFT)
(FEWER SHELLS)
(OCCASIONAL SHELL FRAGMENTS)(SOFT)
CH BLACK AND GRAY SILTY CLAY WITH DECAYED VEGETATION (MODERATELY STIFF)
(GREENISH-GRAY, MEDIUM STIFF TO STIFF)
CL BROWN SILTY CLAY WITH OCCASIONAL CEMENTED NODULES (MEDIUM STIFF TO STIFF)
21%-109
86%-52
86%-52
44%-66
70%-57
68%-58
70%-57
57%-65
52%-67
27%-94
29%-80
DEPTH IN FEET
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

LOG OF BORING

DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE 2C

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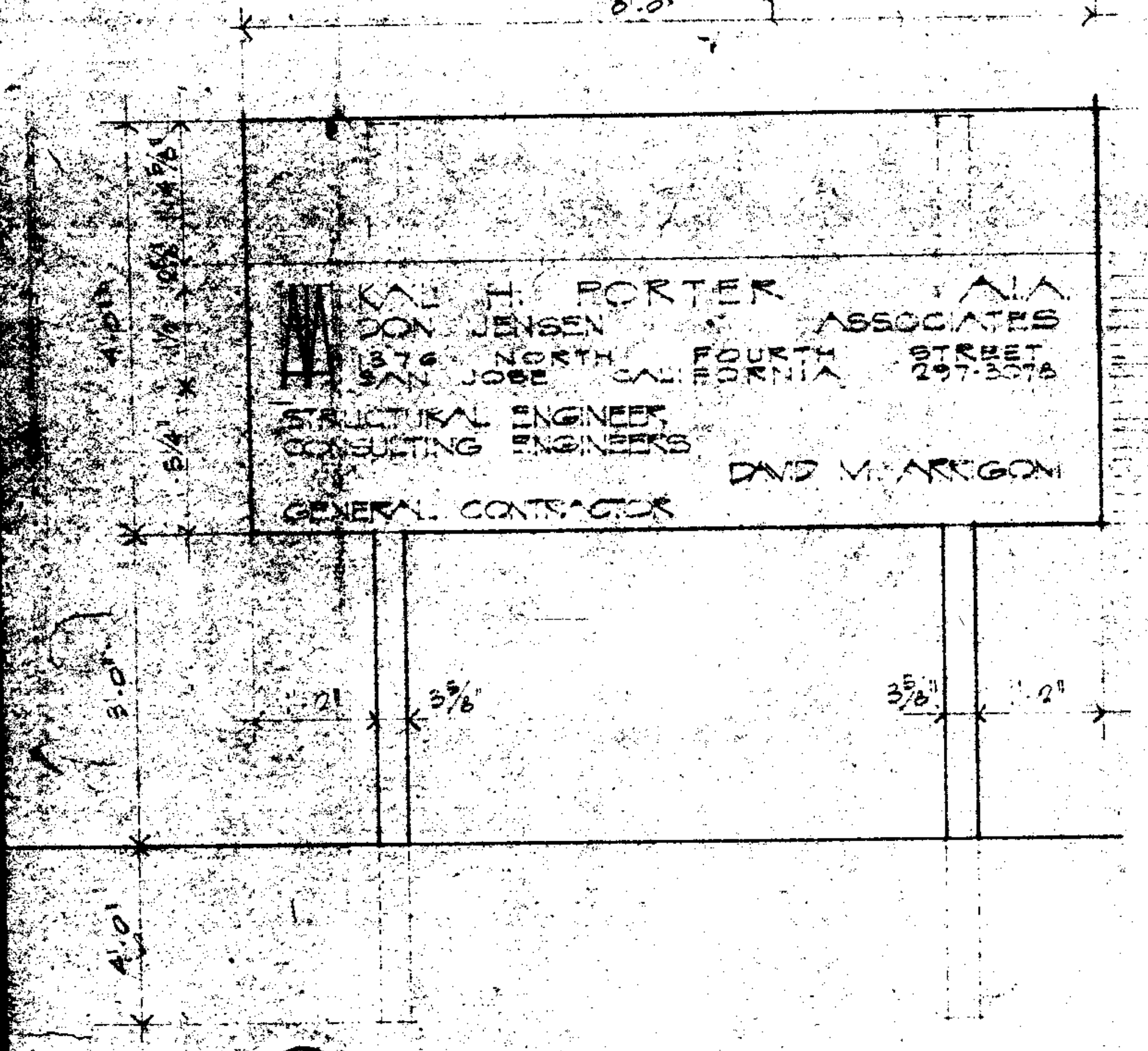
NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

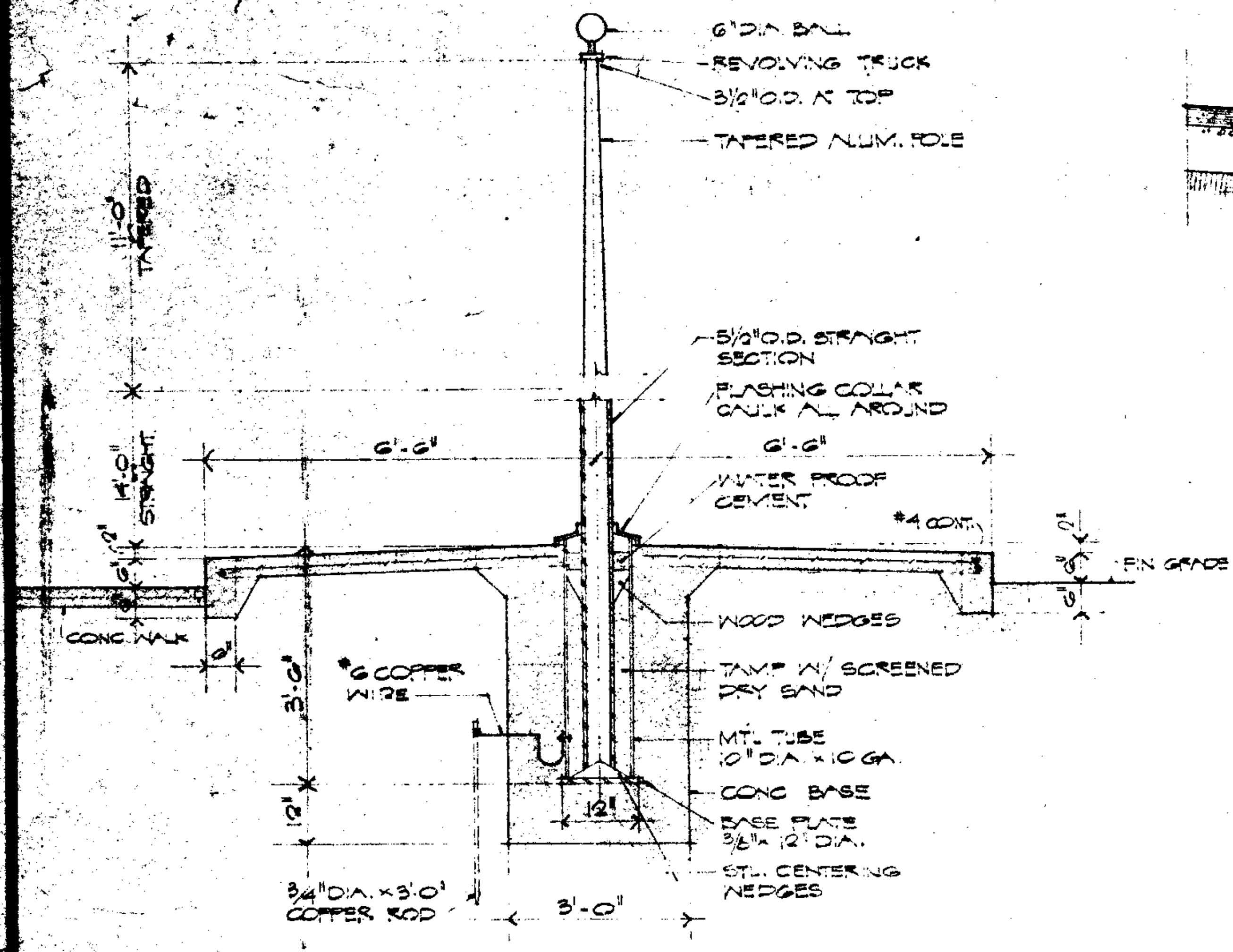
REVISIONS

JOB NUMBER	
DESIGNED	
DRAWN	
CHECKED	
DATE	

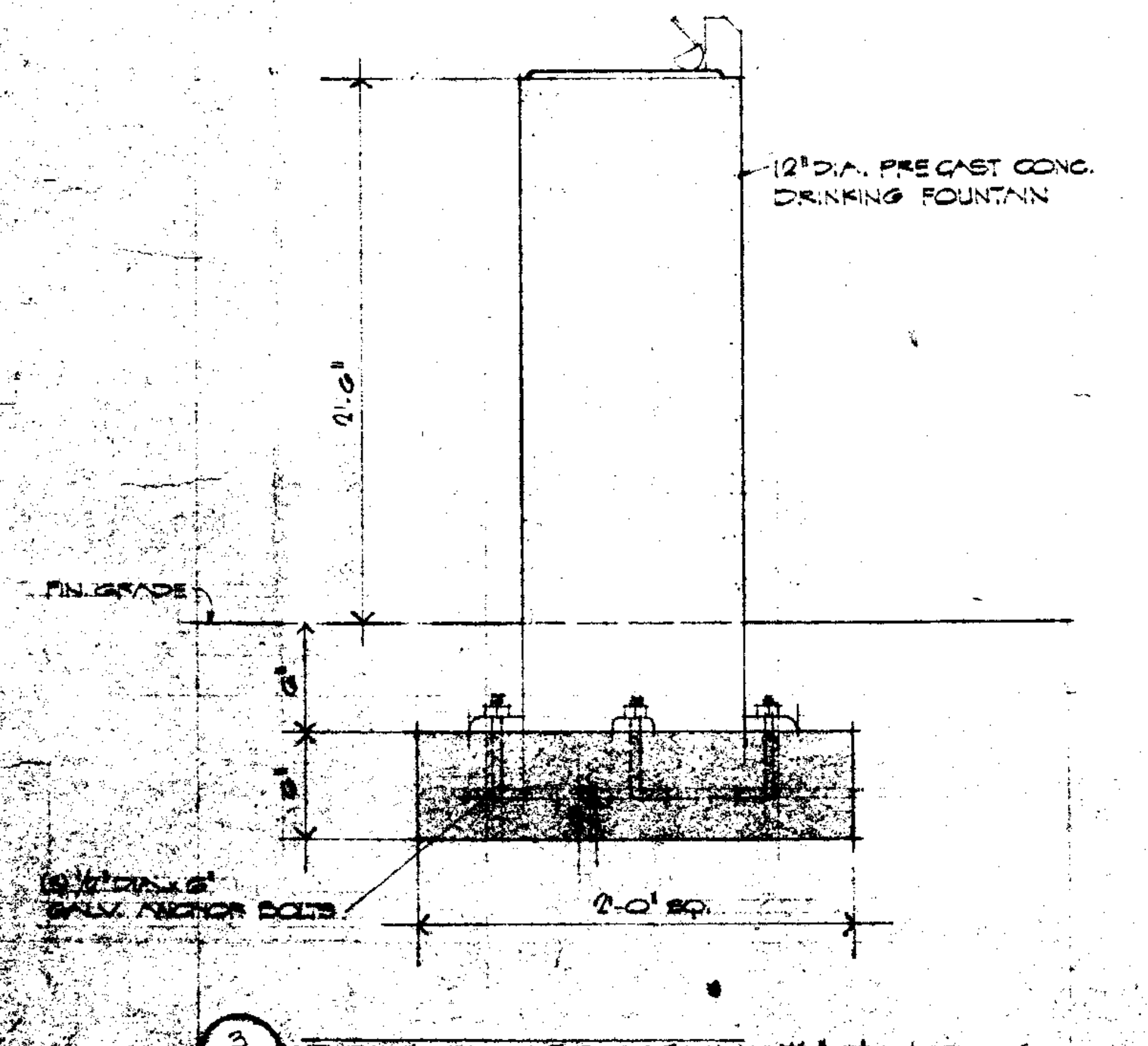
A 3a
OF SHEETS



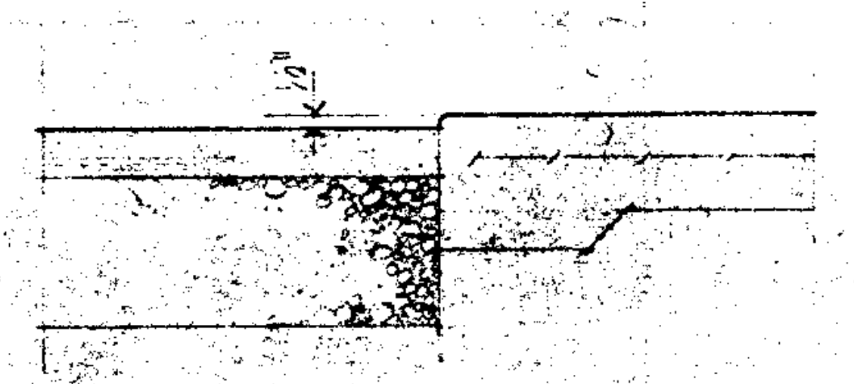
1/A4 JOB SIGN



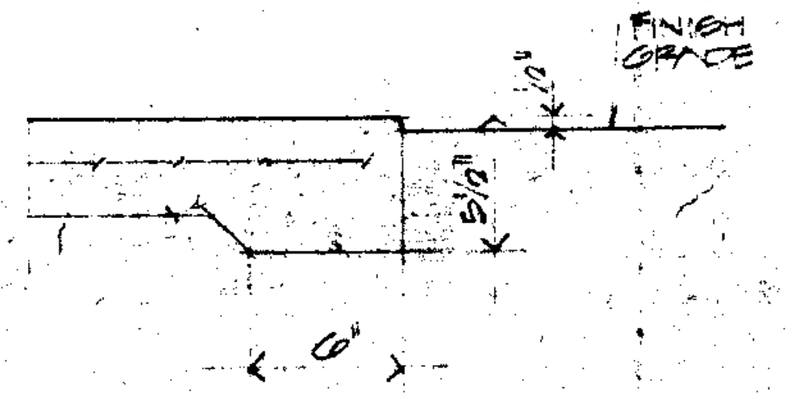
2/A4 FLAGPOLE ½"=1'


12" DIA. PRECAST CONC. DRINKING FOUNTAIN
2'-6"
FIN. GRADE
½" DIA. × 6" GALV. ANCHOR BOLTS
2'-0" SQ.

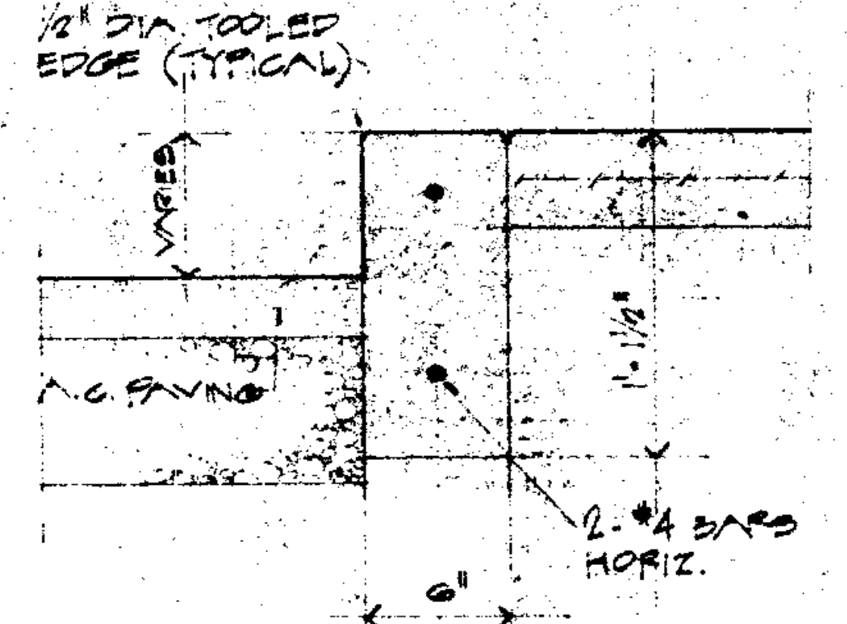
3/A4 DRINKING FOUNTAIN 1½"=1'



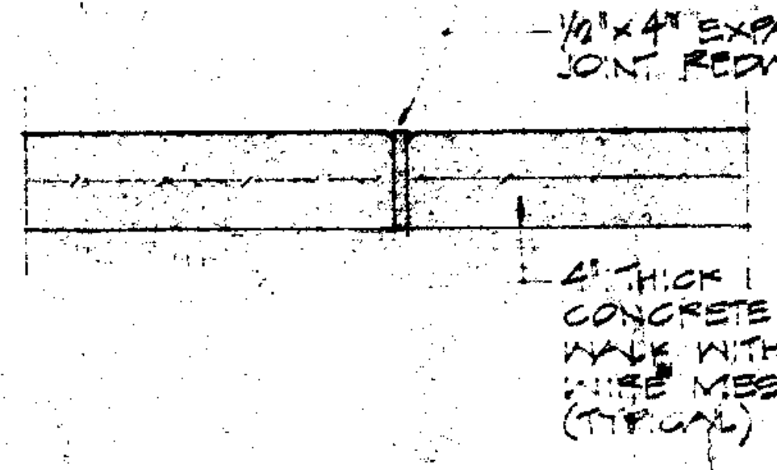
4/A4 EXTERIOR CONC. SLAB EDGE @ PAVING 1½"=1'



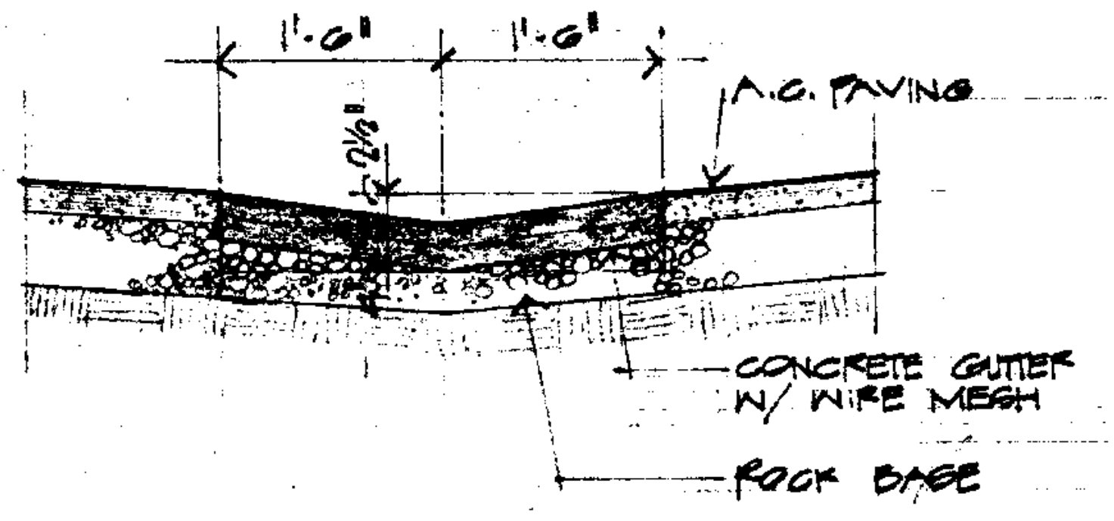
5/A4 EXTERIOR CONC. SLAB EDGE @ GRADE 1½"=1'



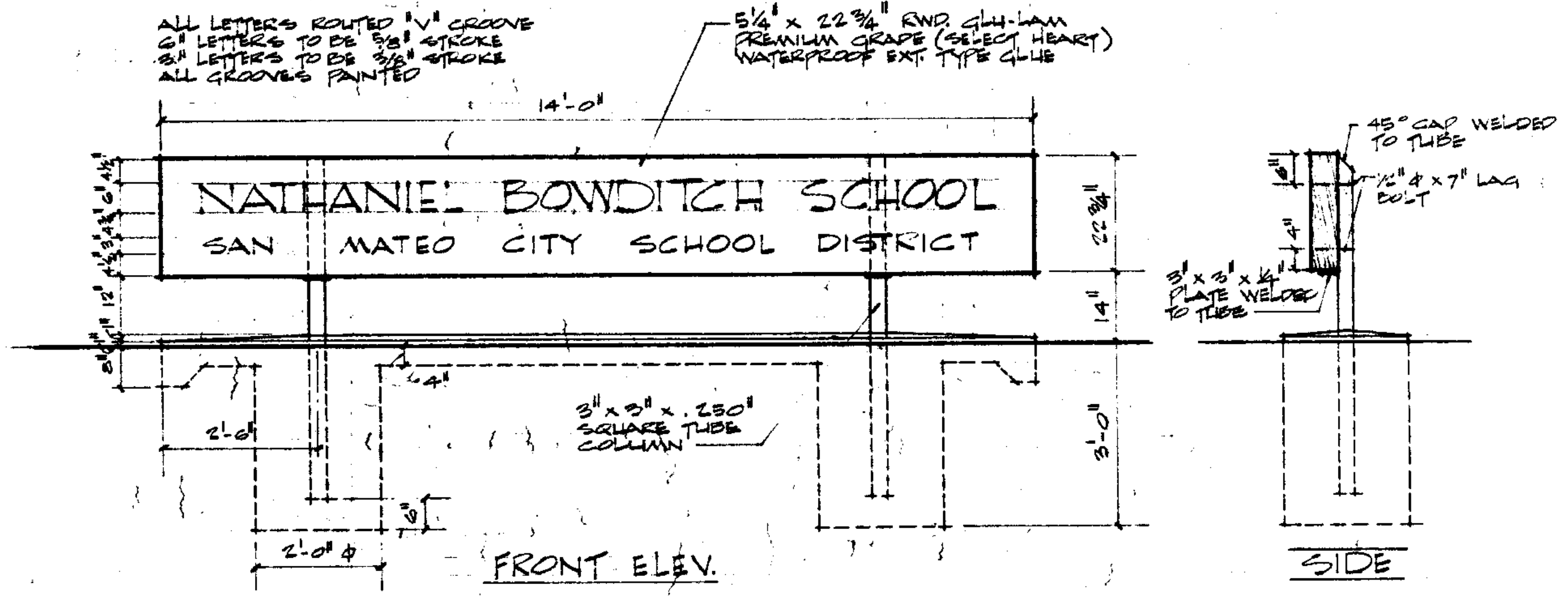
6/A4 CONCRETE CURB 1½"=1'


½" × 4" EXPANSION JOINT REDWOOD
4" THICK CONCRETE WALK WITH WIRE MESH (TYPICAL)

8/A4 CONC. WALK EXPANSION JOINT 1½"=1'



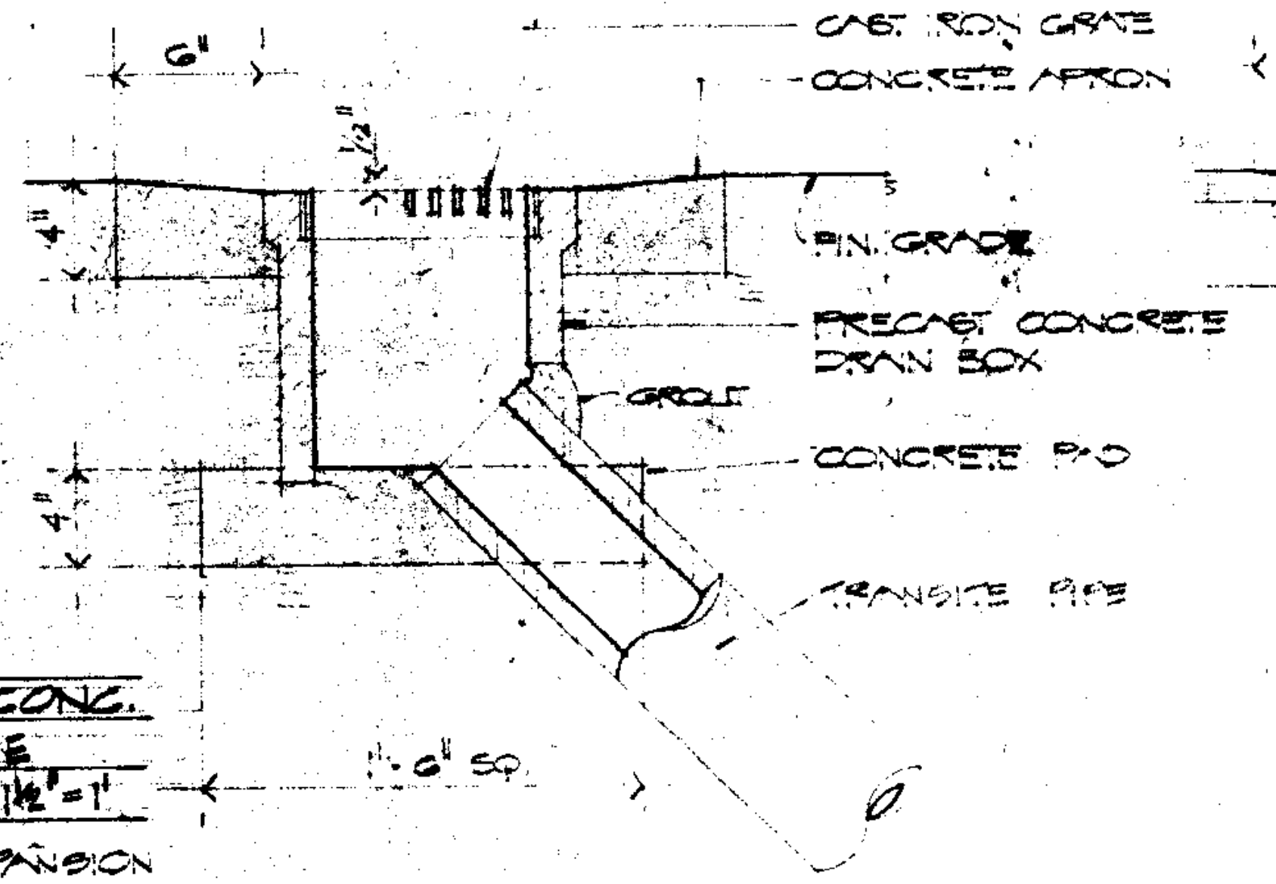
9/A4 CONCRETE GUTTER ¾"=1'


ALL LETTERS ROUTED "V" GROOVE
6" LETTERS TO BE ⅝" STROKE
3" LETTERS TO BE ⅜" STROKE
ALL GROOVES PAINTED
5¼" × 22¾" RWD. GLU-LAM PREMIUM GRADE (SELECT HEART) WATERPROOF EXT. TYPE GLUE
14'-0"
NATHANIEL BOWDITCH SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
22¾"
14"
12"
4"
3" × 3" × .250" SQUARE TUBE COLUMN
2'-6"
2'-0" ⌀
3'-0"
45° CAP WELDED TO TUBE
½" ⌀ × 7" LAG BOLT
3" × 3" × ¼" PLATE WELDED TO TUBE

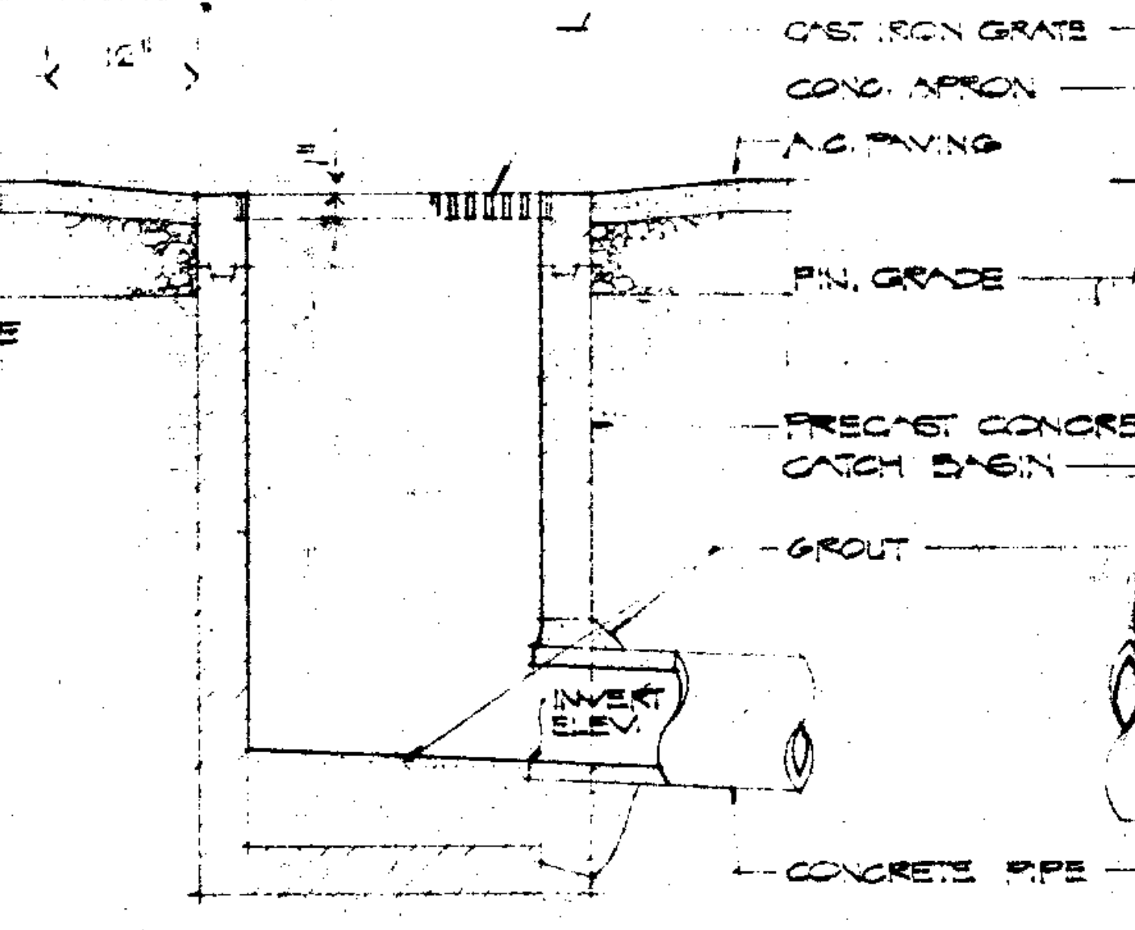
FRONT ELEV.

SIDE

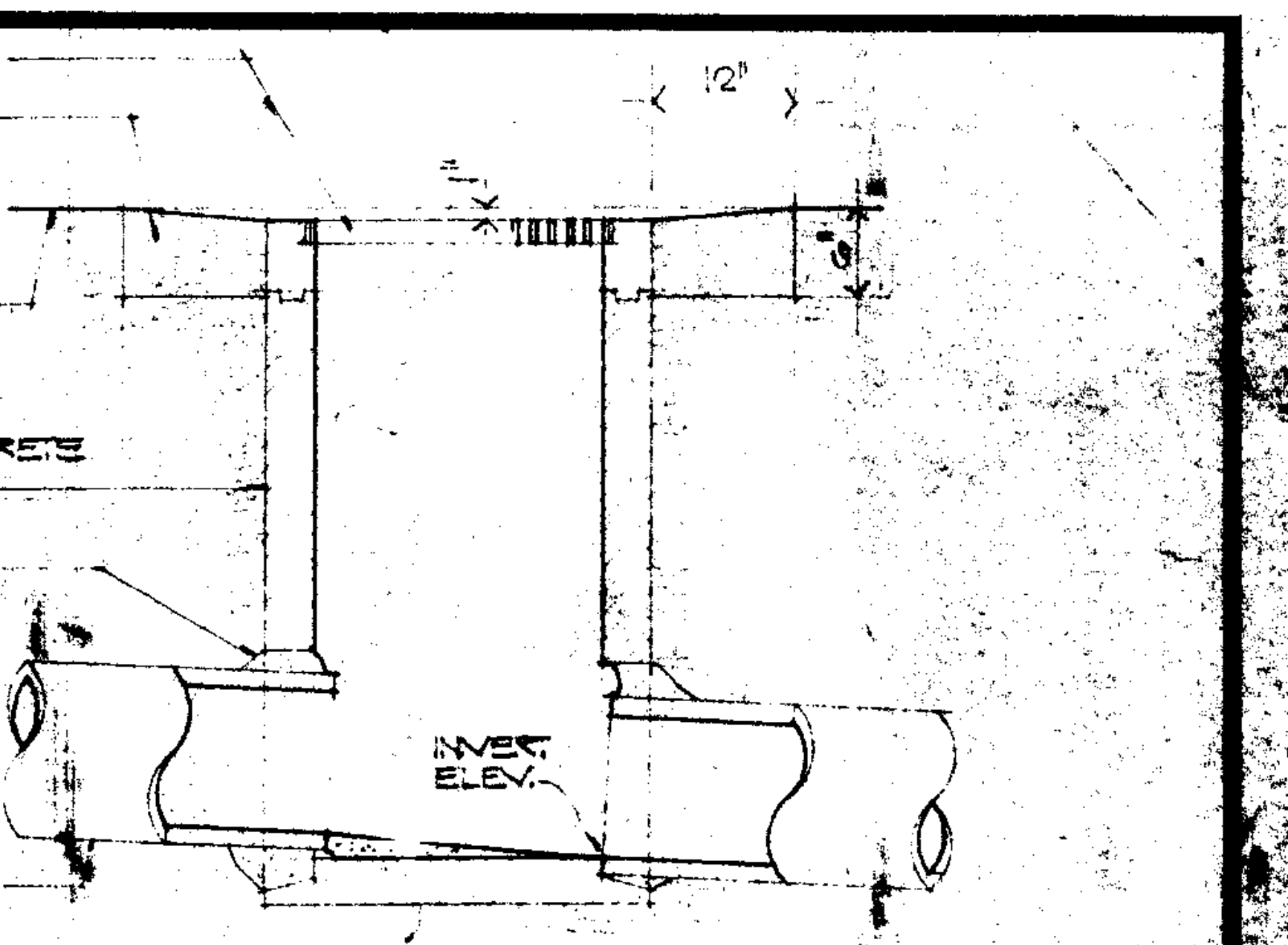
10/A4 SCHOOL SIGN ½"=1'-0"



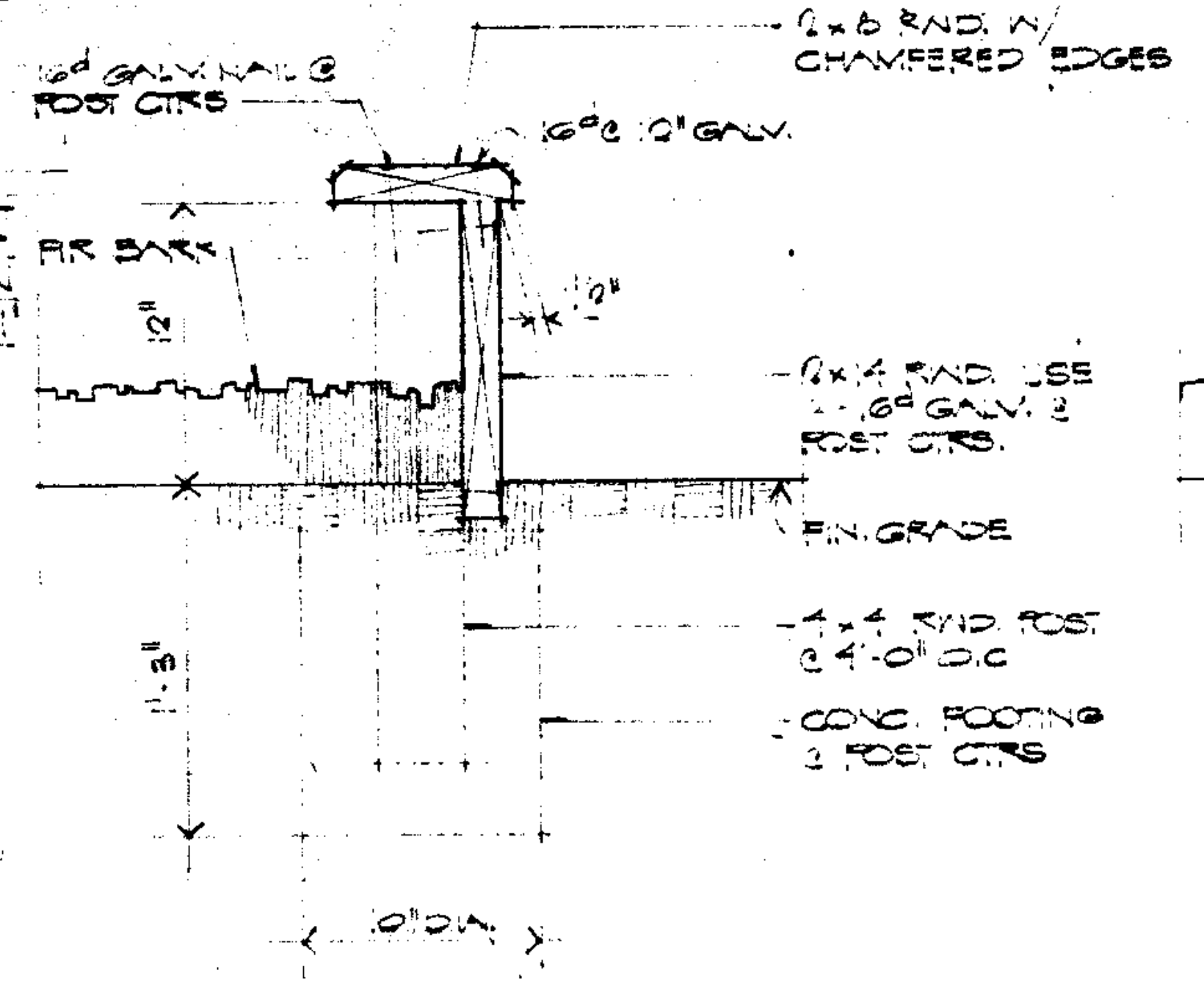
11/A4 AREA DRAIN 1½"=1'



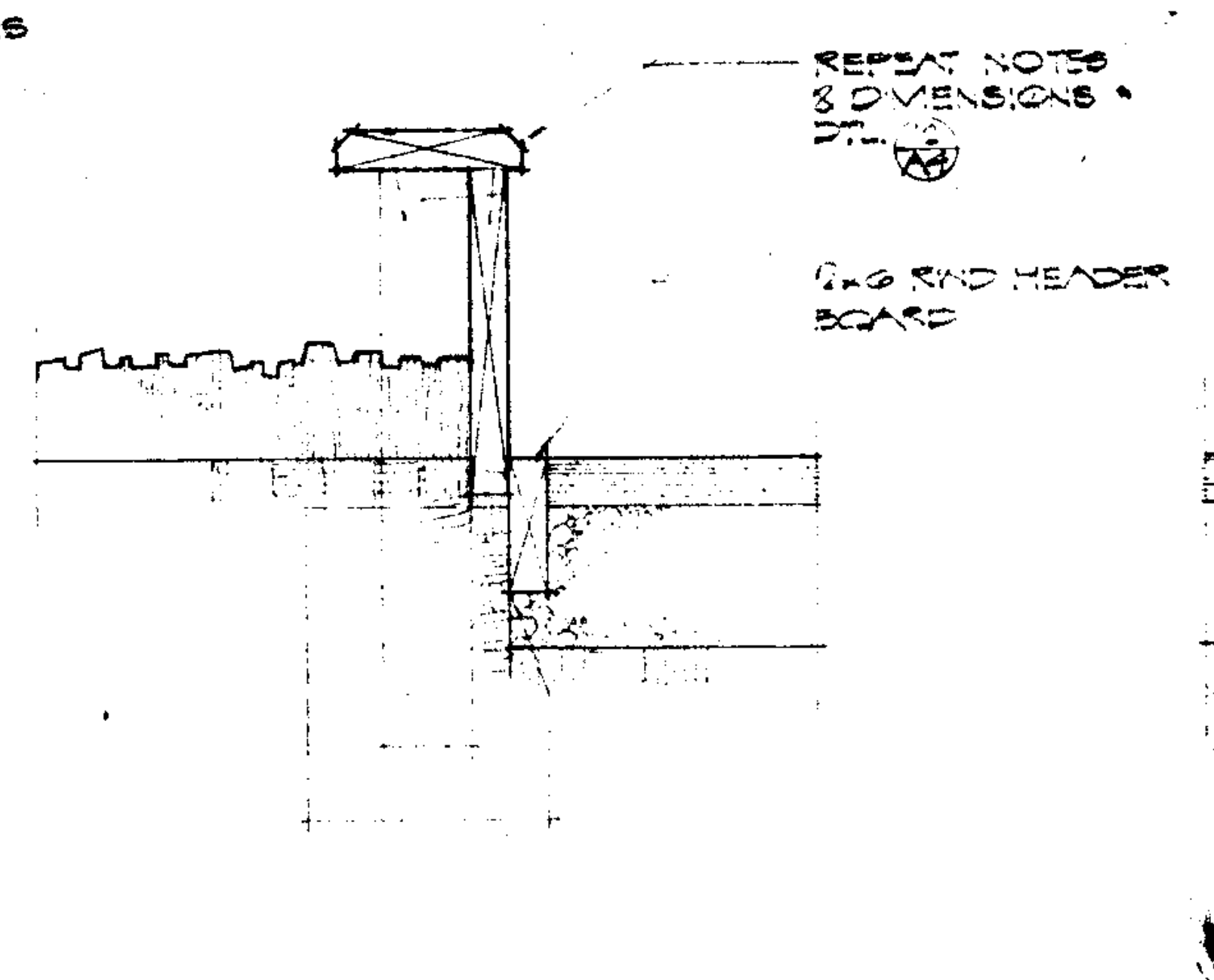
13/A4 CATCH BASIN ¾"=1'



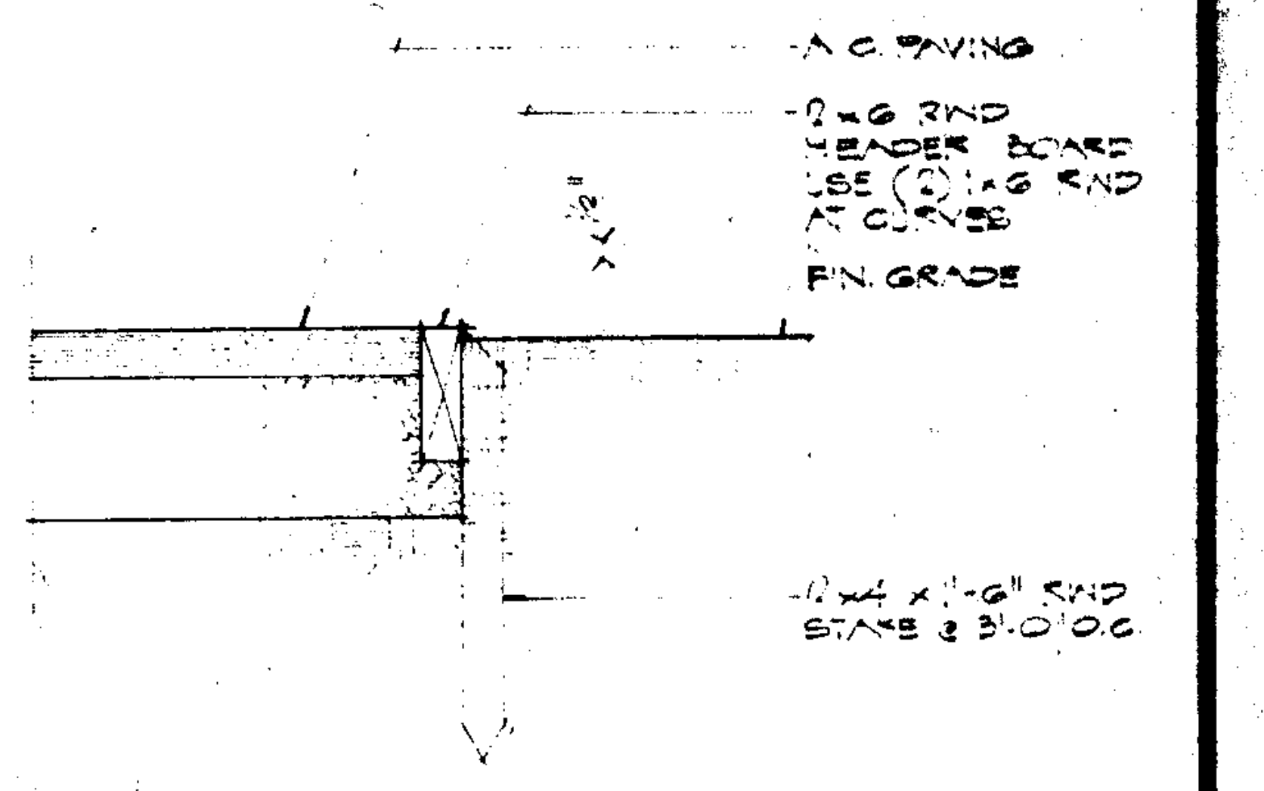
15/A4 CATCH BASIN ¾"=1'


16d GALV. NAIL @ POST CTRS
2 × 6 RWD. W/ CHAMFERED EDGES
16d @ 12" GALV.
FIR BARK
12"
½"
2 × 4 RWD. USE 2-16d GALV. @ POST CTRS.
FIN. GRADE
4 × 4 RWD. POST @ 4'-0" O.C.
CONC. FOOTING @ POST CTRS
1'-3"
10" DIA.

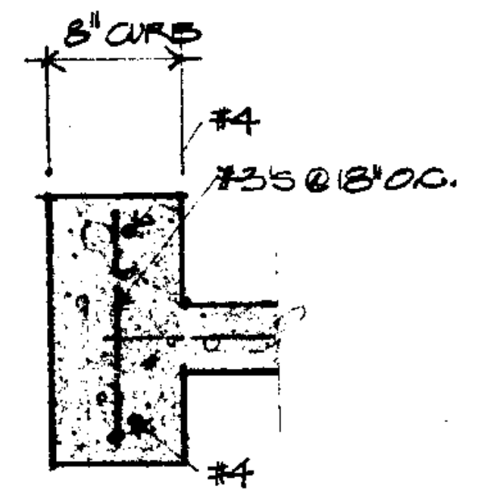
12/A4 FIR BARK HEADER 1½"=1'



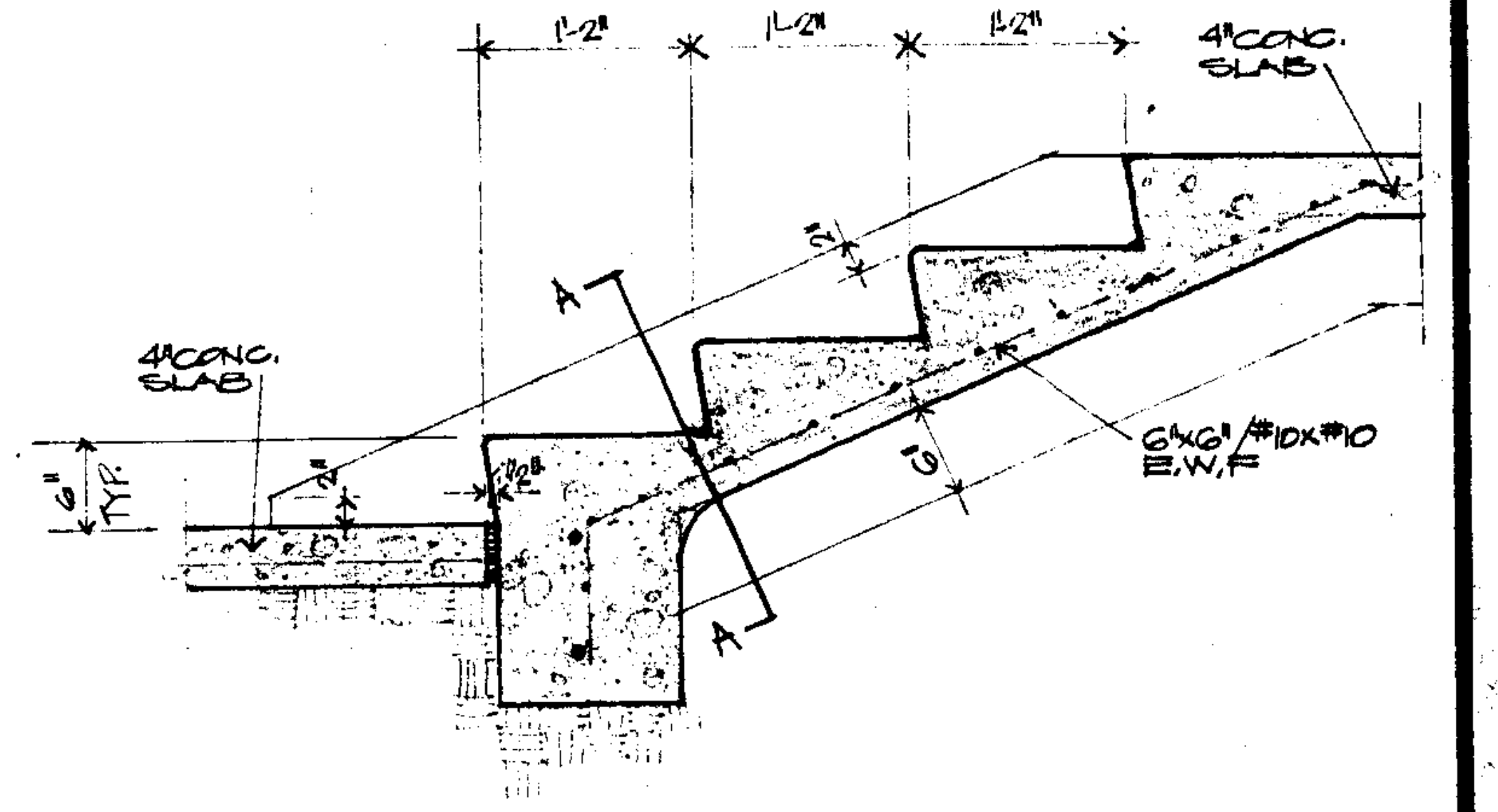
14/A4 FIR BARK HEADER 1½"=1'


A.C. PAVING
2 × 6 RWD HEADER BOARD USE (2) 1 × 6 RWD AT CURVES
FIN. GRADE
12"
2 × 4 × 1'-6" RWD STAKE @ 3'-0" O.C.

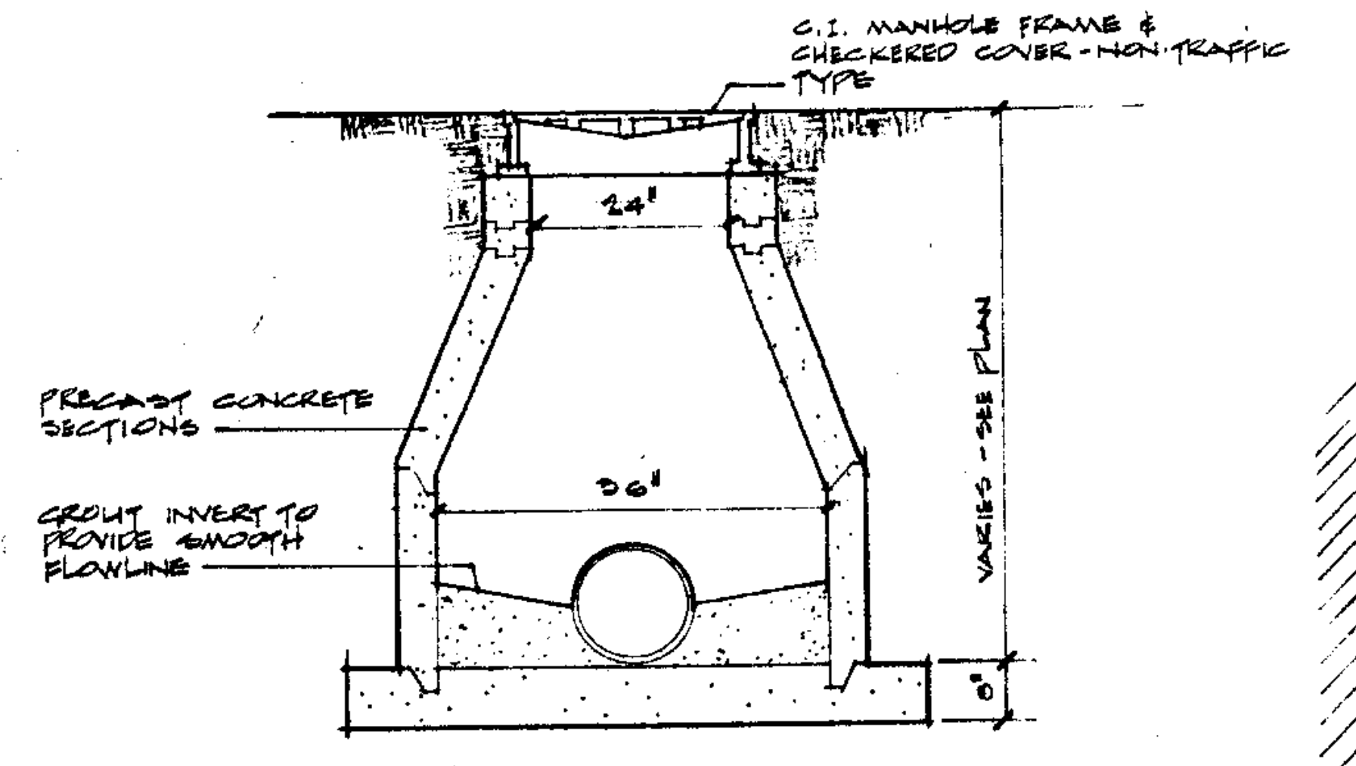
16/A4 HEADER BOARD



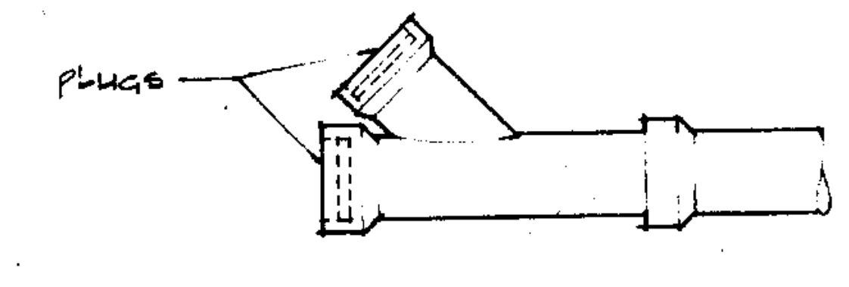
SECTION A-A



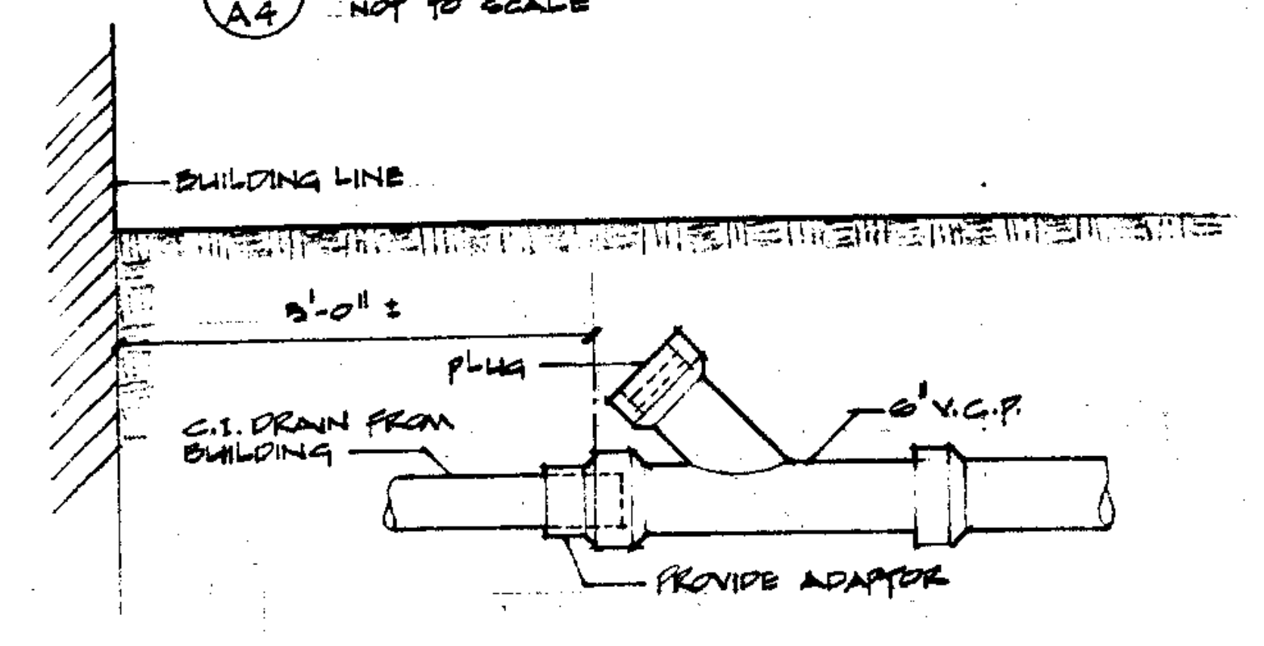
7/A4 MONUMENTAL STAIR 1"=1'-0"


C.I. MANHOLE FRAME & CHECKERED COVER - NON-TRAFFIC TYPE
24"
PRECAST CONCRETE SECTIONS
36"
GROUT INVERT TO PROVIDE SMOOTH FLOWLINE
VARIES - SEE PLAN
8"

19/A4 TYPICAL MANHOLE DETAIL NOT TO SCALE



17/A4 TYPICAL CLEANOUT NOT TO SCALE



18/A4 TYPICAL CONNECTION @ BUILDING NOT TO SCALE

APPROVED
[illegible]
STATE OF CALIFORNIA
JAN 1? 1968

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
APPLICATION NO.

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

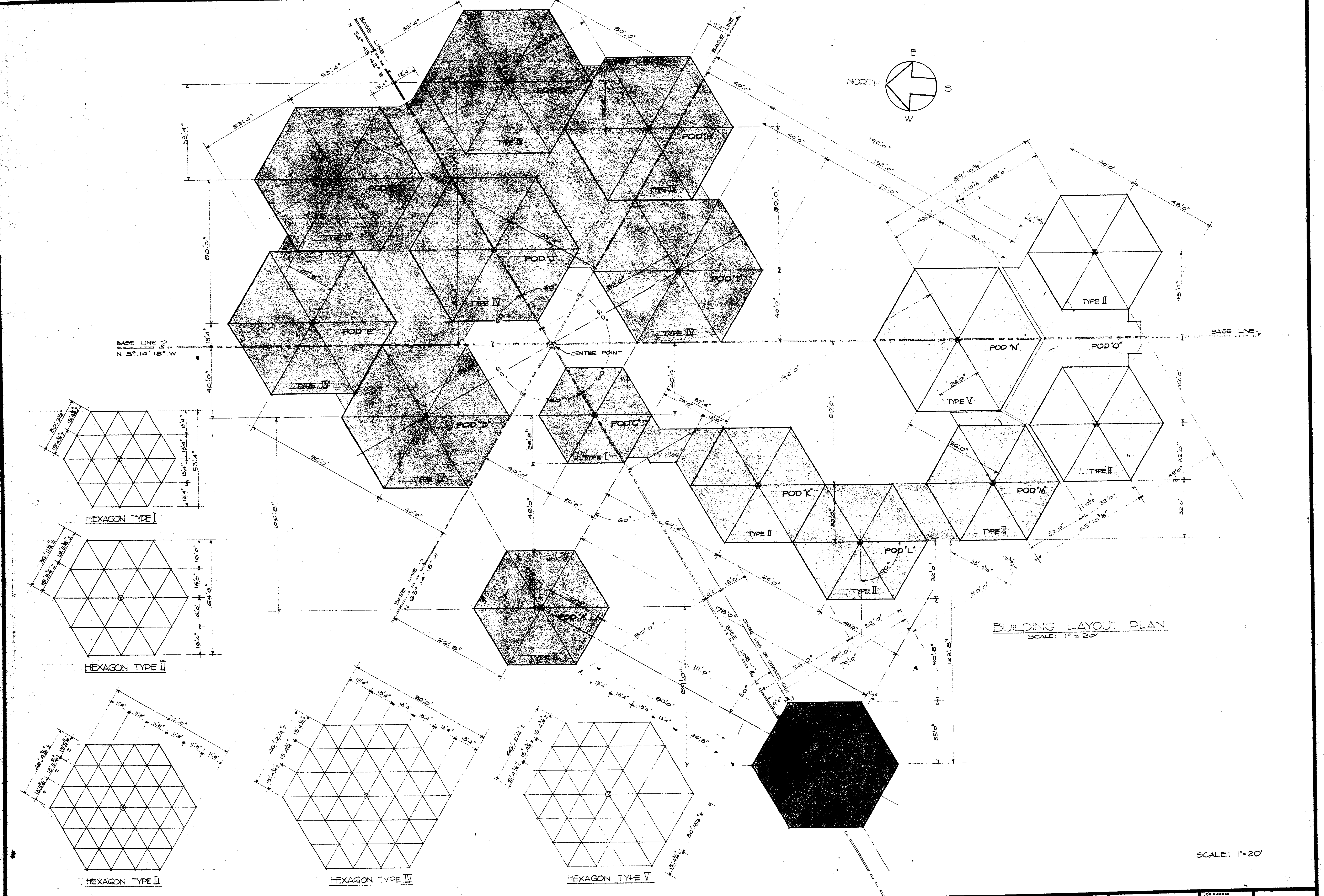
KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

SITE PLAN DETAILS

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE JAN. 12, 1968

A-4
OF 9 SHEETS



APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 16 1968
BY

22 445 APPROVED JAN 15 1968

ARCHITECT:
BY

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

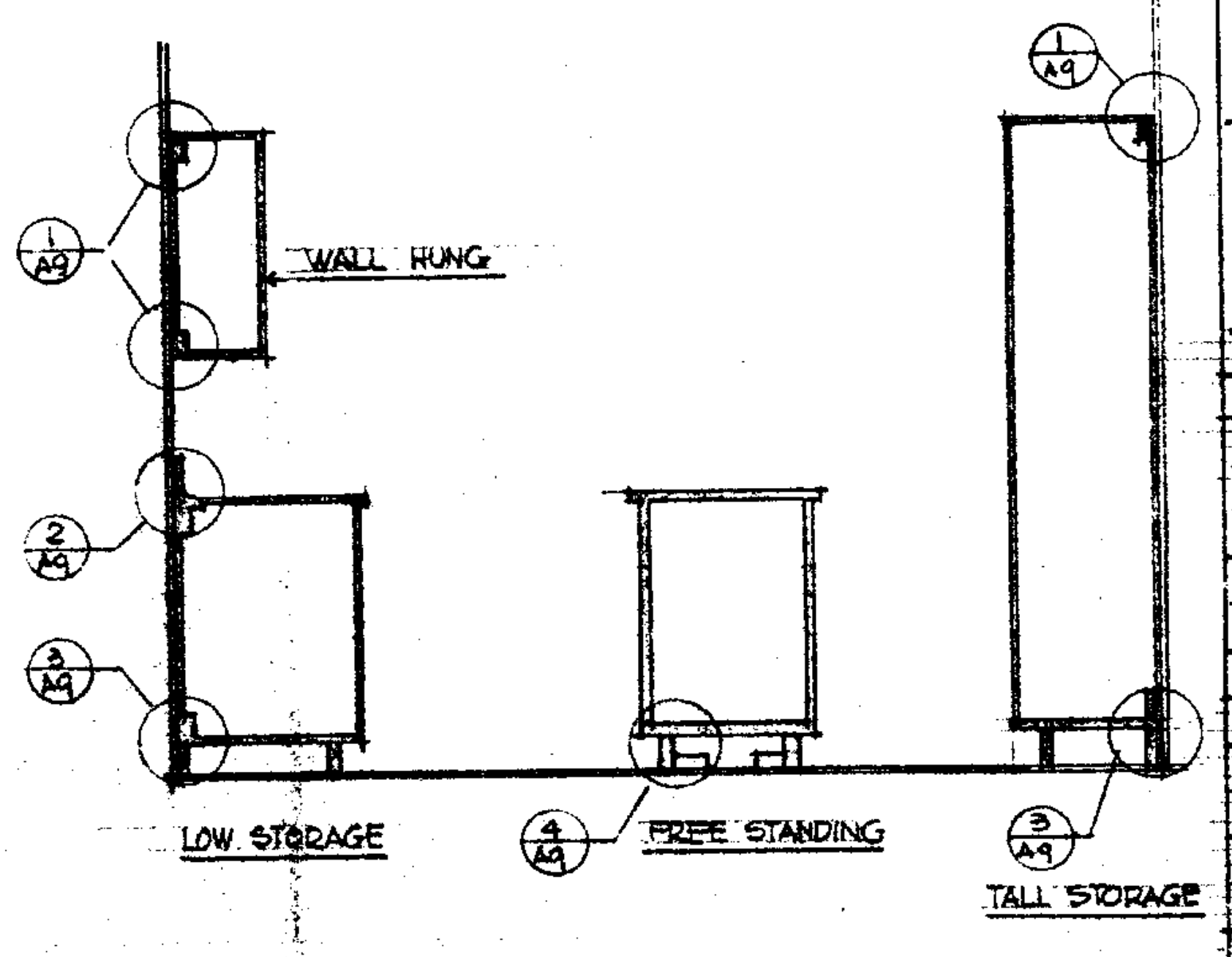
KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

BUILDING LAYOUT

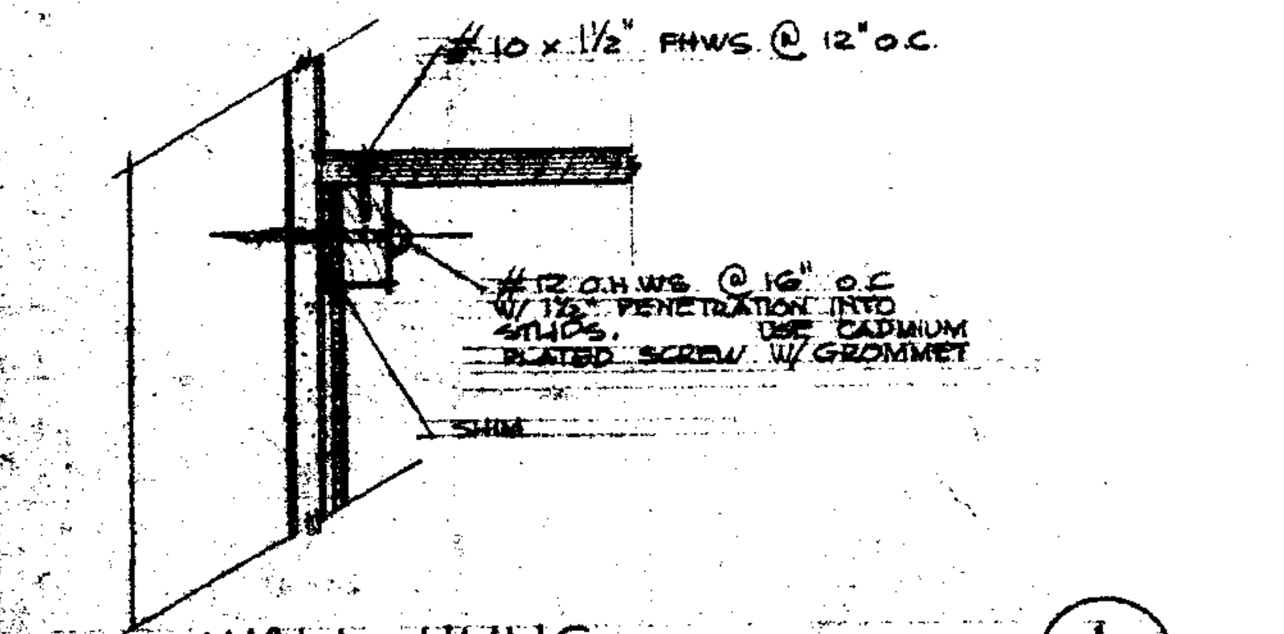
REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE JAN. 12, 1968

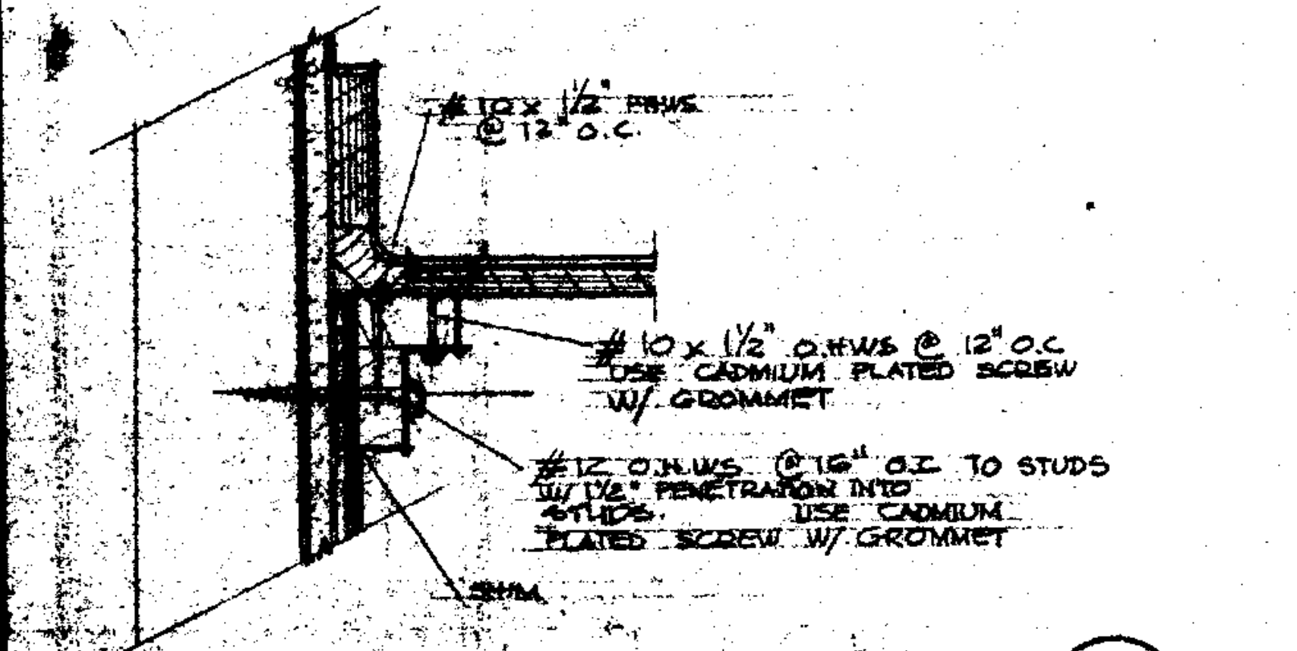
A.5
OF 9 SHEETS



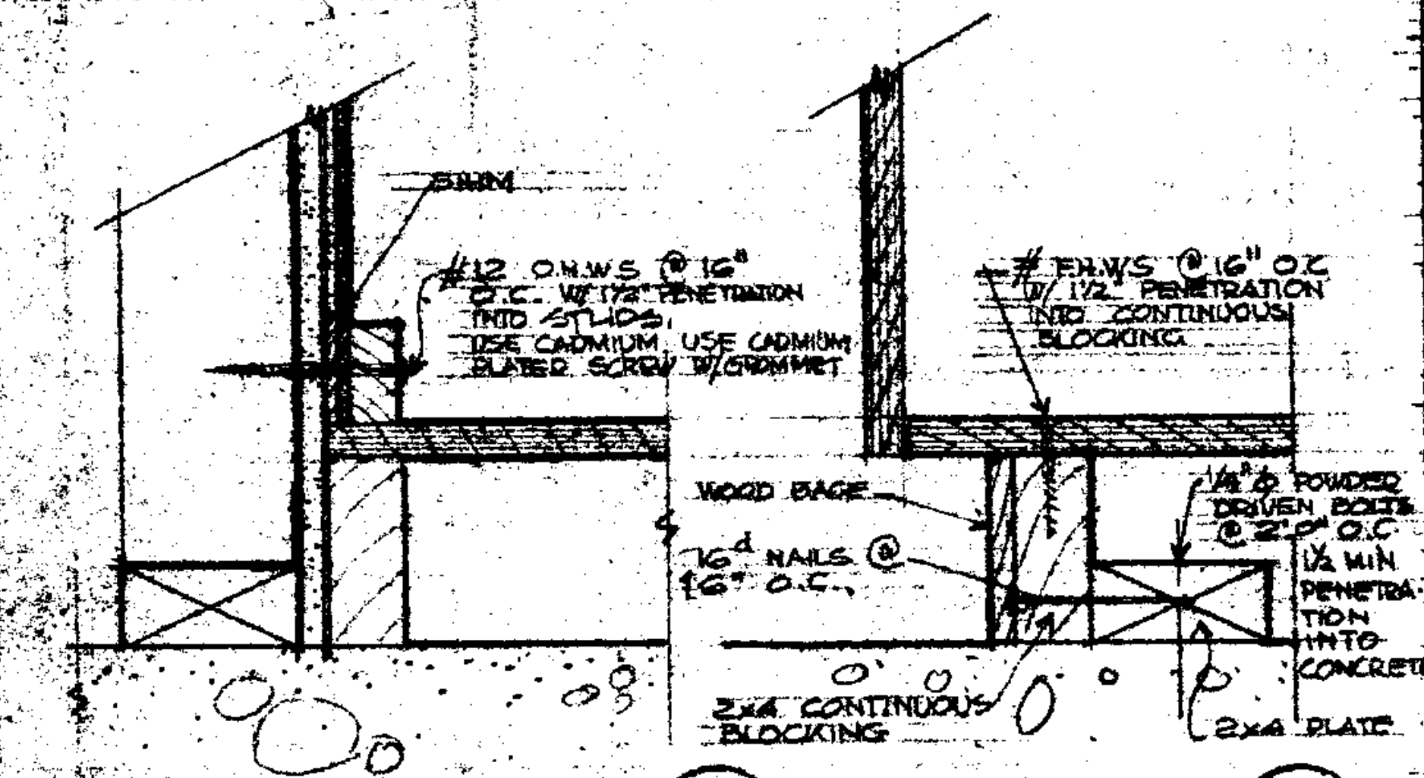
TYPICAL SECTIONS


#10 x 1½" FHWS @ 12" O.C.
#12 O.H.W.S. @ 16" O.C. W/ 1½" PENETRATION INTO STUDS. USE CADMIUM PLATED SCREW W/ GROMMET
SHIM

WALL HUNG 1/A9


#10 x 1½" FHWS @ 12" O.C.
#10 x 1½" O.H.W.S. @ 12" O.C. USE CADMIUM PLATED SCREW W/ GROMMET
#12 O.H.W.S. @ 16" O.C. TO STUDS W/ 1½" PENETRATION INTO STUDS. USE CADMIUM PLATED SCREW W/ GROMMET
SHIM

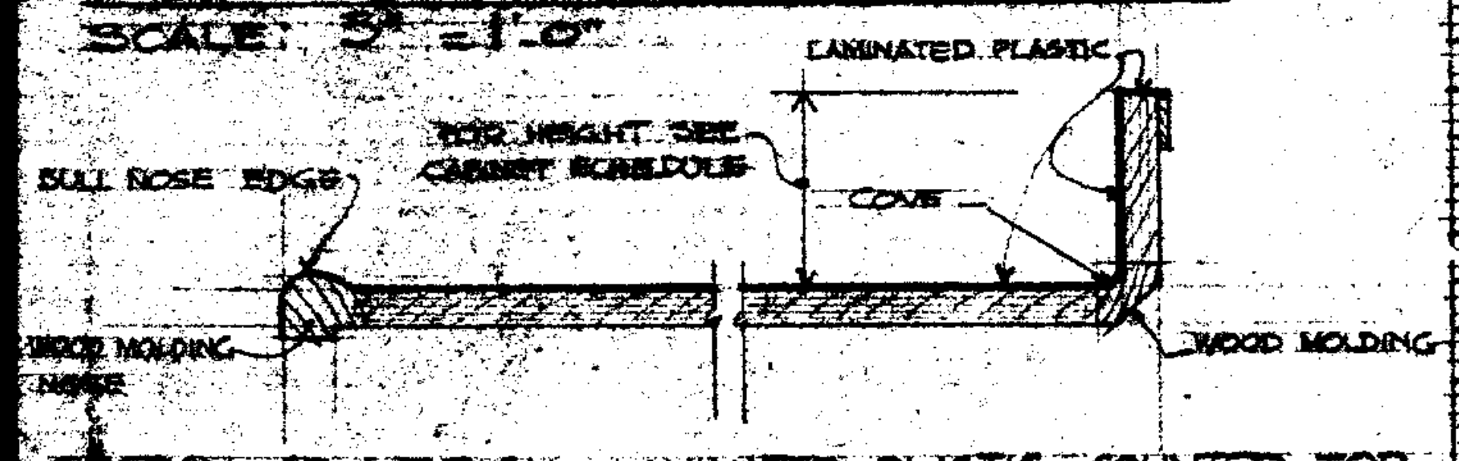
BASE CABINET - TOP 2/A9


SHIM
#12 O.H.W.S. @ 16" O.C. W/ 1½" PENETRATION INTO STUDS. USE CADMIUM PLATED SCREW W/ GROMMET
# FHWS @ 16" O.C. 1½" PENETRATION INTO CONTINUOUS BLOCKING
WOOD BASE
16d NAILS @ 12" O.C.
¼" Ø POWDER DRIVEN BOLTS @ 2'0" O.C. 1¼ MIN PENETRATION INTO CONCRETE
2x4 CONTINUOUS BLOCKING
2x4 PLATE

BASE CABINET BOTTOM 3/A9 FREE STANDING 4/A9

CABINET ANCHORAGE DETAILS

SCALE: 3" = 1'-0"



SECTION OF A TYPICAL LAMINATED PLASTIC COUNTER TOP 3" = 1'0"

LAMINATED PLASTIC COUNTER TOP NOTE: ALL LAMINATED PLASTIC COUNTER TOPS SHALL HAVE ROLLED EDGE AND COVED BACK SPLASH AS SHOWN ON DETAIL ABOVE. RETURN SPLASH ON SIDES AGAINST WALLS OR HIGHER CABINETS AT SAME HEIGHT AS BACK SPLASH. NO COVE REQUIRED AT SIDE SPLASH.

CABINET SCHEDULE

Nº	DESCRIPTION	PLASTIC FACED CABINETS MONITOR CATALOG Nº	UTILITY SHELVING MILL-BUILT CABINETS	SCIENCE CABINETS KEWANEE CATALOG Nº	METAL CABINETS BRODHEAD GARRETT CATALOG Nº	DIMENSIONS			LOCATION	COUNTER TOP	BACK SPLASH HEIGHT	REMARKS
						W	D	H				
1	SINK CABINET	6327				54"	30"	30"	A.4	L.P.	6"	
2	LOW STORAGE	6326				32"	30"	30"	A.4	L.P.	6"	
3	LOW STORAGE	6326				38"	30"	30"	A.4	LP	6"	
4	BROOM CABINET	6122				24"	30"	84"	A.4			
5	WARDROBE	6122				24"	30"	84"	A.4			16"X48" MIRROR INSIDE DOOR
6	LOW STORAGE	6526				48"	24"	36"	A.10	L.P.	6"	
7	WALL HUNG CABINET	6288				48"	12"	30"	A.10			
8	LOW STORAGE	6326				36"	28"	36"	A.11	L.P.	6"	
9	SINK CABINET	6326				36"	28"	36"	A.11	L.P.	6"	
10	UTILITY SHELVING		MILL.BUILT			72"	18"	84"	A.14. 04, 021,			
11	UTILITY SHELVING		MILL.BUILT			72"	12"	84"	A.14. 021,			
12	UTILITY SHELVING		MILL.BUILT			66"	12"	84"	A.14			
13	UTILITY SHELVING		MILL.BUILT			36"	12"	84"	A.14. 04			
14	UTILITY SHELVING		MILL.BUILT			18'0"	18"	84"	A.14			
15	RECEPTION DESK	SPECIAL					24"	30"	A.2	LP.		
16	MAILBOXES											
17	UTILITY SHELVING		MILL.BUILT			10'7"	24"	84"	B.4			
18	UTILITY SHELVING		MILL.BUILT			10'7"	12"	84"	B.4			
19	INSTRUMENT STORAGE		MILL.BUILT			12'0"	48"	70"±	B.5			SEE DETAIL
20	INSTRUMENT STORAGE		MILL BUILT			9'6"	48	70"±	B.5			SEE DETAIL
21	UTILITY SHELVING		MILL.BUILT			78"	12"	84"	B.8			
22	UTILITY SHELVING		MILL.BUILT			36"	12"	84"	B.8. M5			
23	UTILITY SHELVING		MILL.BUILT			72"	24"	84"	B.9			
24	UTILITY SHELVING		MILL.BUILT			72"	12"	84"	B.9			
25	UTILITY SHEVING		MILL.BUILT			60"	12"	84"	B.9			
26	COUNTER OVER KNEE SPACE	6282				48"	24"	30"	B.10	LP.		
27	TEACHER'S DESK	SPECIAL				48"	28"	84"	B.10,D8,E8,F8,H8,I8,K4,[illegible]	LP		SEE DETAIL
28	LOW STORAGE	6325				18"	28"	30"	B.10	LP.	6"	
29	SINK CABINET	6326				36"	28"	30"	B.10	LP.	6"	
30	BOOK SHELVES	4083.12.4094				36"	12"	84"	B.10			5 MAGAZINE SHELVES
31	RECORD STORAGE	SPECIAL				30"	12"	84"	B.10			
32	LOW STORAGE	6326				30"	28"	36"	D.1, I1	LP	48"	
33	SINK CABINET	6326				40"	28"	36"	D.1, I1	LP	48"	
34	LOW STORAGE	6326				48"	24"	30"	D2,D6,E2,E6,F2,F6,H2,H6,I2,I6	LP	4"	
35	WALL HUNG CABINET	6288				48"	12"	30"	D2,D6,E2,E6,F2,F6,H2,H6,I2,I6			
36	LOW STORAGE	6326				48"	28"	30"	D7,E7,F7,H7,I7	LP	8"	
37	SINK CABINET	6326				48"	28"	30"	D7,E7,F7,H7,I7	LP	8"	
38	WALL HUNG CABINET	6288				48"	12"	30"	D7,E7,F7,H7,I7			
39	TEACHER'S DESK	SPECIAL				48"	28"	84"	D8, I8	LP.		
40	SINK CABINET	6326				42"	28"	30"	D8, I8	L.P.	6"	
41	LOW STORAGE	6326				42"	28"	30"	D8, I8	LP.	6"	
42	TEACHER'S DESK	SPECIAL				48"	28"	84"	D8	L.P.		
43	WARDROBE	6122				24"	24"	84"	B10,D8,E8,F8,H8,I8,K4,L4,M8			
44	A.V. TALL STORAGE	6108				30"	24"	84"	D8,F8,H8,I8.]			6 ADJ. SHELVES
45	UTILITY SHELVING		MILL.BUILT			7'0"	24"	84"	D10, I9			
46	UTILITY SHEVING		MILL.BUILT			48"	12"	84"	D10, I9			
47	UTILITY SHELVING		MILL.BUILT			72"	12"	84"	E.1, H9,			
48	UTILITY SHELVING		MILL.BUILT			84"	24"	84"	E.1, H9,			
49	TEACHER'S DESK	SPECIAL				48"	28"	84"	E8,F8,H8,K4,M8	LP		
50	SINK CABINET	6326				48"	28"	30"	E8,F8,H8,	LP	6"	
51	LOW STORAGE	6326				48"	28"	30"	E8,F8,H8,	LP	6"	
52	WALL HUNG UTILITY SHELVING		MILL.BUILT			36"	12"	36"	E.10, H1,			
53	UTILITY SHELVING		MILL.BUILT			48"	12"	84"	E.9, F10, H10,			
54	UTILITY SHELVING		MILL.BUILT			48"	24"	84"	E.9, F10, H10			
55	UTILITY SHELVING		MILL.BUILT			17'8"	24"	84"	E.9, F10, H10			
56	SHELF	6271				9'6"	12"		D8, E8, F8, H8, I8			
57	STORAGE GLAZED SLIDING DOORS			KTP.760		46⅞"	22"	84"	G2, G5			
58	TOTE TRAY UNIT			IA.430		46⅞"	22"	34¾"	G2, G5	KRK	6"	KRK 8" WIDE SHELF OVER CHASE
59	SINK CABINET			IA.142		23 9/16"	22"	34¾"	G2, G5			
60	WET WORKING AREA			SPECIAL		48"	22"	5"	G2, G5			SINK MADE UP OF KEMRESIN
61	LABORATORY PEG BOARD			ID.901		20"		30"	G2, G5			
62	CUP BOARD UNIT			IA.110		46⅞"	22"	34¾"	G2, G5	KRK	6"	KRK 8" WIDE SHELF OVER CHASE
63	OPEN STORAGE CASES			IA.603		35"	12"	30"	G2, G5, G3, G4, G6, G7			
64	STUDENT TABLE			SPECIAL					G2, G5	KRK		SEE DETAIL (F&B) KRS. SINK 18"x 6½"x 6" D.
65	CUPBOARD UNIT			IA.110		46⅞"	22"	34¾"	G3, G4	KS	6"	
66	SINK CABINET			IA.144		46⅞"	22"	34¾"	G3, G4	KS	6"	KRS SINK
67	CUPBOARD UNIT			IA.109		35"	22"	34¾"	G3, G4	KS	6"	
68	OPEN STORAGE CASES			IA.841		35"	12"	84	G3, G4, G7			
69	KEY CASE			BW.1386		23¼	3"	13⅞"	G6			
70	WARDROBE			IA.998		46⅞"	22"	84"	G6			
71	SINK CABINET			IA.143		35"	22"	34¾"	G6	KRK	6"	
72	DRAWER UNIT			IA.220		46⅞"	22"	34¾"	G6	KRK	6"	
73	ACID STORAGE			IA.398		46⅞"	22"	34¾"	G7	KRS	6"	KRS 8" SHELF/CHASE. LOCK.
74	CUPBOARD UNIT			IA.102		23⁹⁄₁₆	22"	34¾"	G7	KRS	8"	KRS 8" SHELF/CHASE
75	SINK CABINET			IA.144		46⅞	22"	34¾	G7	KRS	6"	KRS 8" SHELF/CHASE
76	DRAWER UNIT			IA.226		46⅞	22"	34¾"	G7	KRS	6"	KRS 8" SHELF/CHASE
77	LABORATORY PEG BOARD			ID.906		32"		30"	G7			
78	CENTER SERVICE TABLE			M.D.10		24"	24"	36"	G3, G4	KRK		14"x10"x6" DEEP KEMRESIN SINK
79	MOVABLE TALL SHELF	7005				48"	24"	66"	G2, G5			
80	MOVABLE TALL SHELF	7004				48"	24"	66"	G2, G5			
81	TEACHER'S DESK	SPECIAL				60"	24"	30"	G.6	AR.LP	6"	SEE DETAIL
82	COUNTER OVER KNEE SPACE	6282				80"	24"	30"	G6	AR.LP	6"	SEE DETAIL
83	DOUBLE FACE LOW SHELVING	4025				72"	24"	42"	J1	LP		FREE STANDING MOVABLE
84	DOUBLE FACE LOW SHELVING	4025				36"	24"	42"	J1	LP		CABINETS (NO ANCHOR)
85	SINGLE FACE HIGH SHELVING	4013 4015 } 12				36"	12"	84	J1			
86	THIRTY DRAWER CARD CATALOG	4344				17"	33"		J1			
87	RECORD CASE	SPECIAL							J1			
88	TAPE CASE	SPECIAL							J1			
89	LOW STORAGE	6325				24"	30"	30"	J9	LP	6"	
90	SINK CABINET	6326				36"	28"	30"	J9	L.P.	6"	
91	LOW STORAGE	6326				36"	28"	30"	J9	LP	6"	
92	OPEN SHELF	6321				60"	24"	30"	J.9	LP		
93	WALL HUNG CABINET	6286				60"	12"	54"	J.9			
94	DRAWER CABINET	SPECIAL				48"	30"	30"	J.9	LP		
95	TALL UTILITY SHELVING	6260				36"	12"	84"	J9			
96	LOW STORAGE	6326				48"	30"	36"	J9	LP	6"	
97	WALL HUNG CABINET	6288				48"	12"	30"	J9			
98	SINGLE FACE LOW SHELVING	4005 4006 } 12				34"	12"	42"	J.10	LP		
99	SINGLE FACE LOW SHELVING	4005 4006 } 12				40"	12"	42"	J.11	LP		
100	TALL STORAGE	6103				39"	29"	84"	K1, K2, K3, K4, K5, L1			
101	DRAWING BOARD STORAGE	6602				39"	29"	34"	K1, K2			
102	TALL STORAGE	6103				39"	29"	50"	K1, K2, K3			ABOVE DRAWING BOARD STORAGE
103	APRON STORAGE	6738				29"	29"	84"	K1, K2			
104	WARDROBE SHELF W/ HOOKS	6277				60"	12"	14"	K1, K2, L7, M2, M4			
105	ISLAND DOUBLE SINK UNIT	SPECIAL				50"	40"	36"	K1, K.2, K3	S.S.		S.S. SINKS & COUNTER TOP [illegible] OF CABINET SPEC. SEE DETAIL
106	TALL STORAGE	SPECIAL				39"	29"	84"	K3			HEAVY DUTY
107	KILN FURNITURE CABINET				SPECIAL	18"	18"	84"	K3			SEE DETAIL
108	DRYING CABINET				8011 BE	36"	18"	84"	K3			
109	DAMP PROOF CABINET				7011 BE	36"	18"	84"	K3			
110	ROLLING CART STORAGE	SPECIAL				66"	29"	84"	K3			SEE DETAIL
111	TALL STORAGE	6103				39"	29"	84"	K3			PEG BOARD BACK. LOCK
112	LOW STORAGE	6326				36"	20"	30"	K3	WOOD	10"	COUNTER TOP 24" DEEP
113	DRAWER CABINET	6355				36"	20"	30"	K3	WOOD	10"	COUNTER TOP 24" DEEP
114	DISPLAY CASE & STORAGE	SPECIAL				48"	24" 18"	84"	K3	LP.		
115	TALL STORAGE	6103				30"	24"	84"	K4, M6			
116	OPEN SHELF	6101				60"	12"	84"	K4			
117	ART STORAGE		MILL BUILT			9'6"	36"	9'10"	K5			SEE DETAIL
118	SHELF OVER KNEE SPACE		MILL BUILT			36"	36"	30"	K.5			SEE DETAIL
119	OPEN SHELF		MILL BUILT			36"	36"	84"	K5			7 ADJ. SHELVES
120	PAPER ROLL STORAGE BOX		MILL BUILT			24"	40"	37"	K5			SEE DETAIL
121	ISLAND DOUBLE FACE SHELVING		MILL BUILT			12'0"	24"	9'10	K5			SEE DETAIL
122	WORK BENCH		MILL BUILT			76"	24"	32"	L1	WOOD	4"	FREE STANDING
123	DRAWING BOARD & TOOL STORAGE	SPECIAL				48"	22"	84"	L1			SEE DETAIL
124	WORK BENCH W/ CABT. UNDER		MILL BUILT			76"	24	32"	L1	WOOD	4"	FREE STANDING
125	LOW STORAGE	6326				36"	28"	30"	L1	LP	8"	
126	UTILITY SHELVING		MILL BUILT			20'0"	24"	84"	L2			
127	UTILITY SHELVING		MILL BUILT			72"	36"	84"	L2			
128	UTILITY SHELVING		MILL BUILT			72"	24"	84"	L2			
129	PAPER STORAGE DRAWER CABINET	6356				40"	36"	36"	L3	LP		
130	WALL HUNG CABINET	6288				40"	18	48"	L3			
131	LOW STORAGE	6325				24"	28"	36"	L3	ARLP	18"	
132	DRAWER CABINET	6411				24"	28"	36"	L3	ARLP	18"	
133	SINK CABINET	6326				48"	28"	36"	L3	ARLP	18"	
134	DRAWING BOARD	SPECIAL				60"	30"	30"	L4			
135	LETTER SIZE FILE DRAWER CAB.	6360				16"	30"	30"	L4			
136	TALL STORAGE	6102				24"	24"	84"	L4			
137	WALL HUNG CABINET	6285				36"	18"	54"	L4			
138	TALL COMBINATION CABINET	SPECIAL				42"	18"	84"	L4			SEE INT. ELEVATION SH. A11
139	TALL STORAGE	6103				48"	18"	84	L5			
140	DRAWER CABINET	6408				18"	28"	30"	L5	LP	10"	
141	LOW STORAGE	6326				36"	28"	30"	L5	L.P.	10"	
142	SINK CABINET	6326				36"	28"	30"	L5	LP	10"	
143	LOW STORAGE	6325				18"	28"	30"	L5	LP	10"	
144	PLYWOOD STORAGE		MILL BUILT			4'6"	7'6"	5'0"	L6			SEE DETAIL
145	LUMBER STORAGE RACK		MILL BUILT						L6			SEE DETAIL
146	LOW STORAGE	6326				40"	22"	30"	L7	LP	4"	COVE BETWEEN TOP & SPLASH
147	WORK BENCH		MILL BUILT			13'6"	24"	32"	L7	WOOD	4"	COVE BETWEEN TOP & SPLASH
148	LOW STORAGE	6326				48"	24"	30"	M.1	LP	4"	
149	MAGAZINE RACK	4353.12				48"	12"	84"	M.2			
150	DRAWER & STORAGE COMBINATION	SPECIAL				5'4½	24"	84"	M.2 M4			55 DRAWERS
151	DRAWER & STORAGE COMBINATION	SPECIAL				6'5¼	24"	84"	M2, M4			66 DRAWERS
152	SINK CABINET	6326				45"	28"	36"	M2	L.P.	6"	
153	TALL STORAGE	6102				24"	24"	84	M4			
154	FILE DRAWER. SHELF COMBINATION	SPECIAL				21"	24"	84"	M4			
155	BASE FOR STOVE & OVEN	SPECIAL							M4	LP	6"	
156	LOW STORAGE	6338				30"	28"	36"	M4	LP	6"	
157	SINK CABINET	6334				36"	28"	36"	M4	LP	6"	
158	LOW STORAGE	6338				32"	24"	36"	M4	LP	6"	
159	LOW STORAGE	6338				36"	24"	36"	M4, M6	LP	6"	
160	DISHWASHER BASE & COUNTER TOP	SPECIAL							M4	LP	6"	
161	WALL HUNG CABINET	6288				36"	12"	30"	M4			
162	WALL HUNG CABINET	6287				18"	12	30"	M4			
163	WALL HUNG CABINET	6288				34"	12"	30"	M4			
164	TALL COMBINATION	6228				30"	24"	84"	M3			
165	FABRIC STORAGE		MILL BUILT									
166	WARDROBE SHELF W/ ROD	6274				10'0"	12"	14"	M3			
167	TALL STORAGE	6103				36"	24"	84"	M5			
168	UTILITY SHELVING		MILL BUILT			9'3"	12"	84"	M5			
169	BROOM STORAGE CABINET	6122				22"	24"	84"	M6			
170	IRONING BOARD STORAGE	6747				26"	24"	84"	M6			
171	LAUNDRY TRAY CABINET	6334				30"	30"	34"	M6	LP	6"	
172	TALL STORAGE OPEN SHELF	6100				68"	12"	84"	M6			
173	UTILITY SHELVING		MILL BUILT			9'0"	18"	84"	07, 024			
174	DRAWER UNIT	6338				36"	24"	36"	015	LP	6"	
175	SINK CABINET	6326				48"	28"	36"	015	LP	6"	
176	FILM STRIP CART	SPECIAL							J1			
177	OPEN SHELF	6100				48"	12"	72"	M8			
178	SINK CABINET	6326				42	28"	36"	M8	LP	6"	
200	FILLER PANEL					DIMENSIONS	TO FIT					SAME MATERIAL & FINISH AS ADJ. CABINET

ABBREVIATIONS

L.P. LAMINATED PLASTIC

ARLP. ACID RESISTANT BLACK LAMINATED PLASTIC

KS: KEMSHIELD: 6 PLIES TEMPERED PRESSED WOOD FIBER + 2 FACE PLIES TEMPERED PRESS HARDWOOD FIBER. HIGH RESISTANT RESIN COATING. FINISH THICKNESS 1¼"

KRK: KEMROCK: IMPREGNATED NATURAL STONE. FINISH THICKNESS 1¼"

KRS: KEMRESIN: FORMED MODIFIED EPOXY RESIN. FINISH THICKNESS 1¼"

APPROVAL
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 1? 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

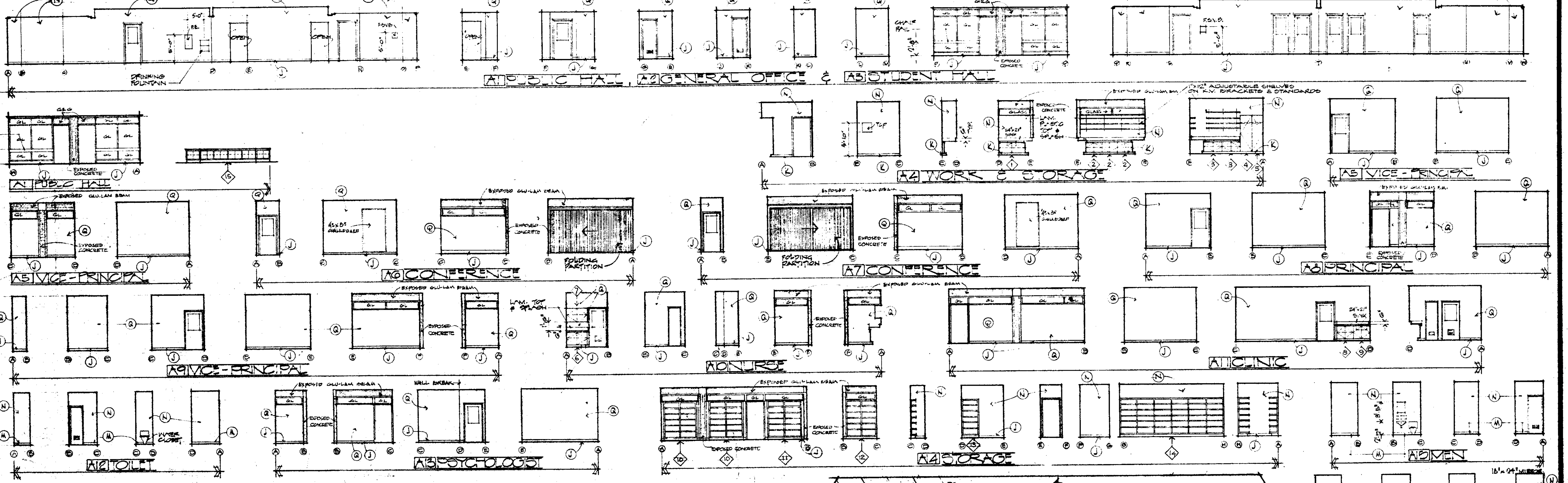
KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

CABINET
SCHEDULE AND DETAILS

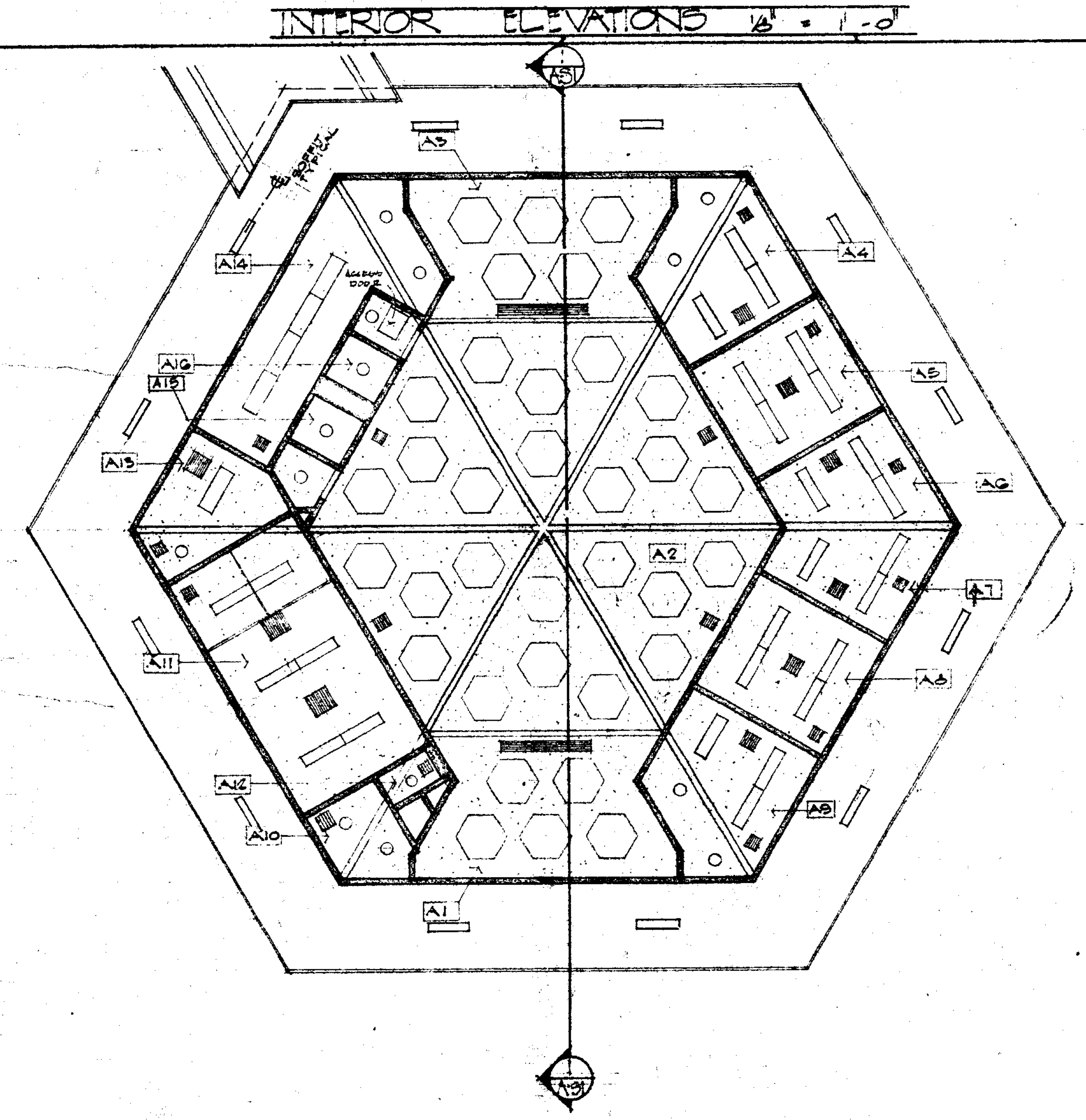
REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE JAN. 12. 1968

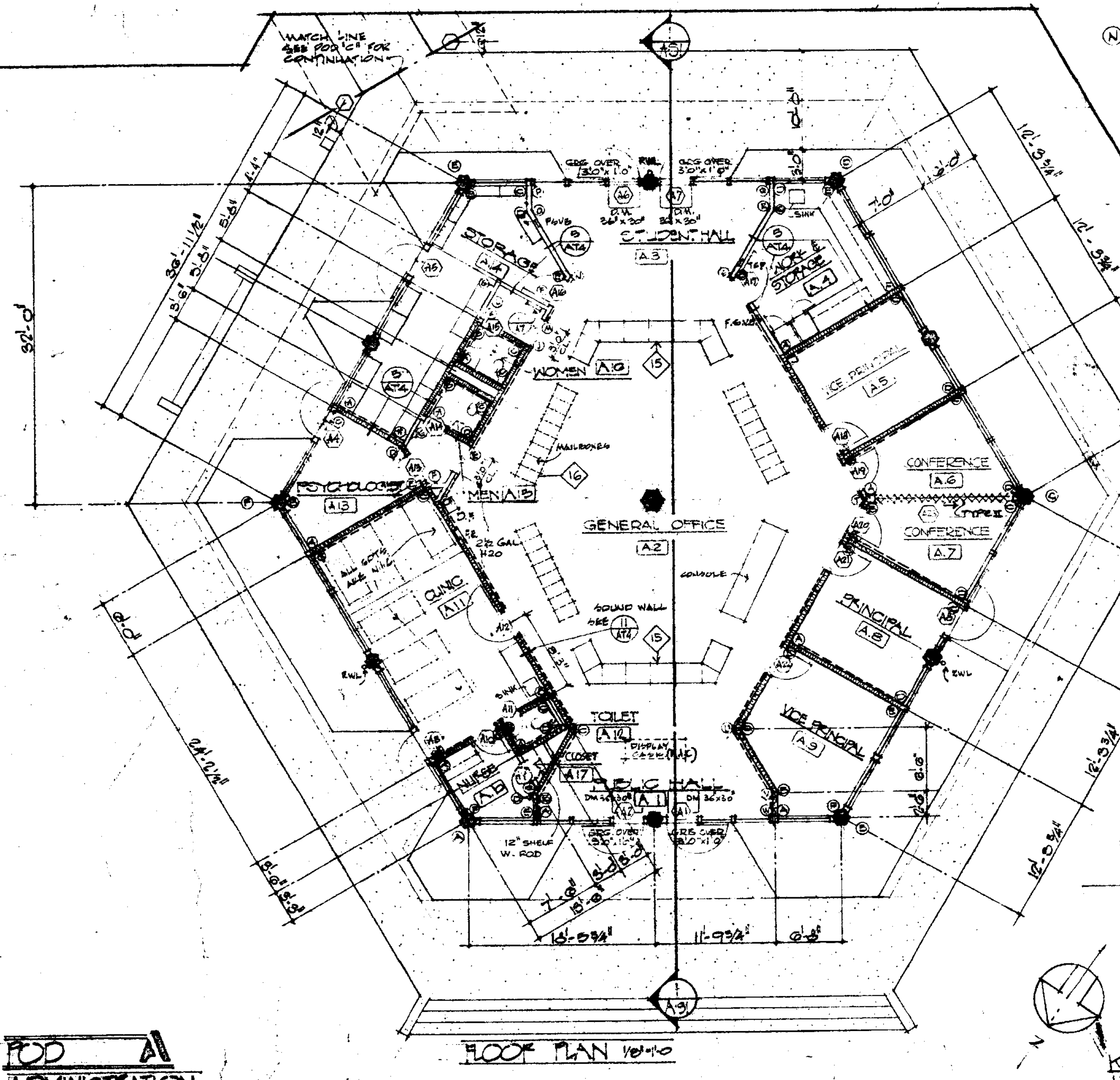
A.9
OF 9 SHEETS



INTERIOR ELEVATIONS 1/8" = 1'-0"



REFLECTED CEILING PLAN 1/8"=1'-0"

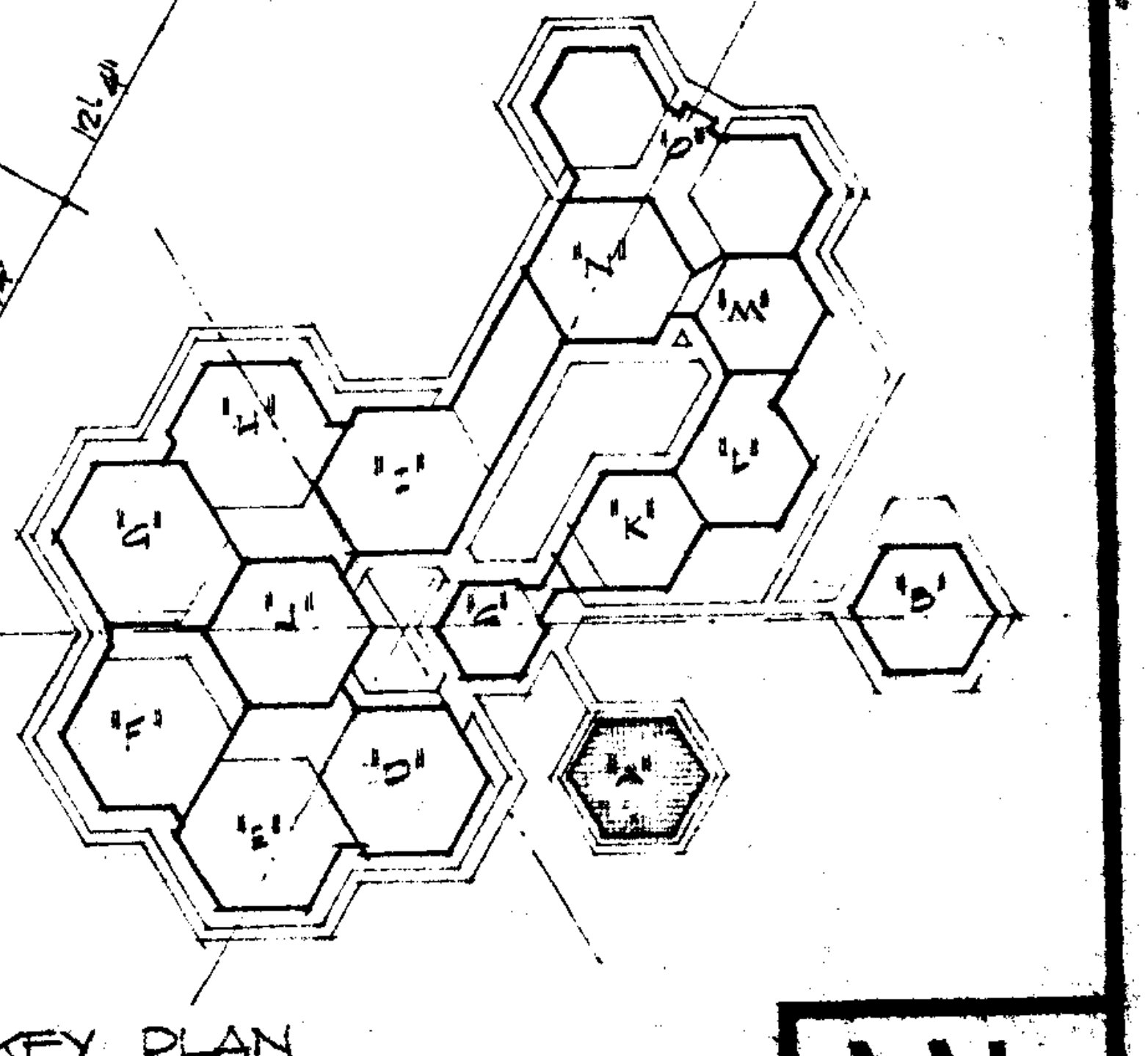


POD A
ADMINISTRATION

FLOOR PLAN 1/8"=1'-0"

NOTES:

1. SEE SHEET AA2 FOR EXTERIOR ELEVATIONS.
2. POD "A" IS TYPE V NO HOUR CONSTRUCTION. ALL WALLS ARE 2x4 STUD W/ 5/8" GYPSUM BOARD BOTH SIDES, EXCEPT WHERE OTHERWISE NOTED.
3. WHERE AN INTERIOR WALL IS ONLY PARTIALLY SOUND TREATED, EXTEND THE FINISH MATERIALS ON THE ENTIRE FACE OF THE WALL TO OBTAIN A FLUSH SURFACE.
4. SEE SHEET AT4 FOR INTERIOR WALL DETAILS.
5. AT ROOM A4 & A14 EXTEND ONE HOUR OCCUPANCY SEPARATION TO THE UPPER ROOF SHEATHING. DETAIL 5/AT4



KEY PLAN 1"=100'

AA1a

APPROVAL
STATE OF CALIFORNIA
DATE JAN 15 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPROVED JAN 15 1968

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

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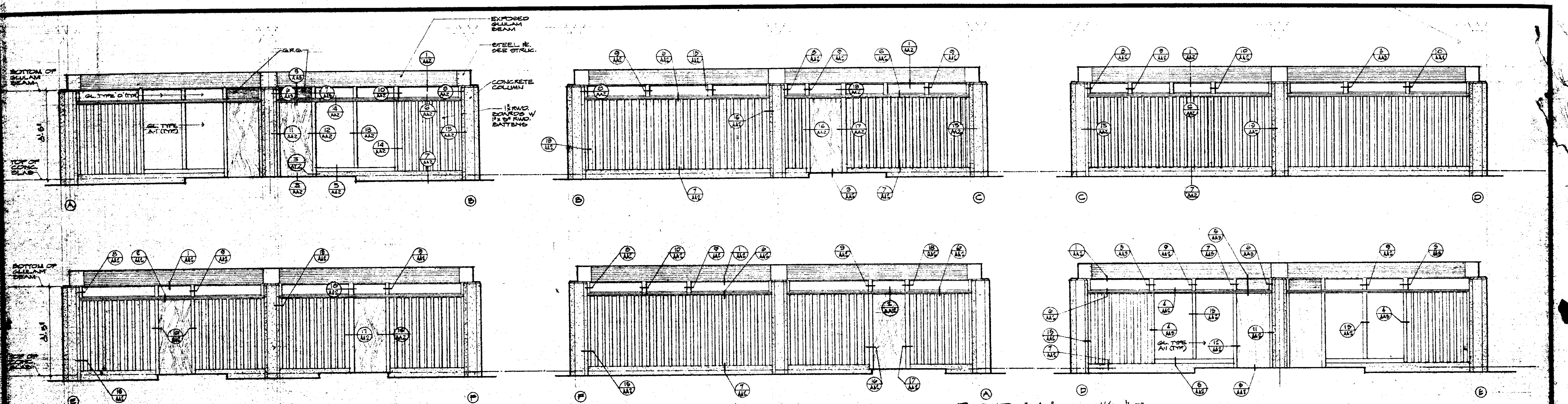
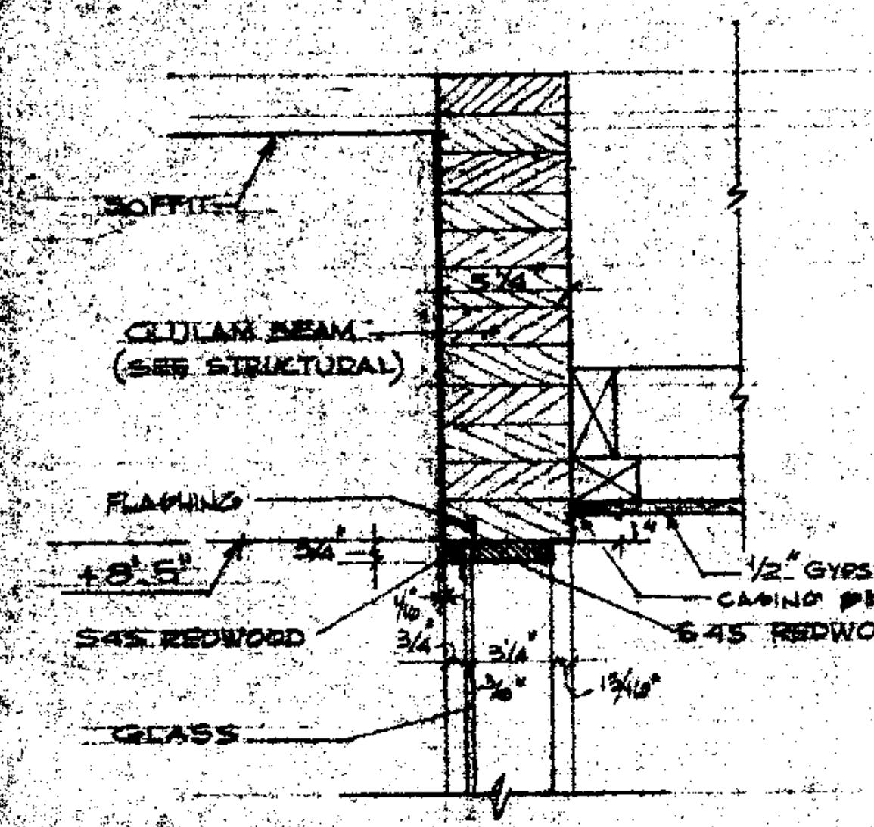
POD "A"
FLOOR PLAN
REFLECTED CEILING PLAN
INTERIOR ELEVATIONS

REVISIONS	
	JOB NUMBER
	DESIGNED
	DRAWN
	CHECKED
	DATE

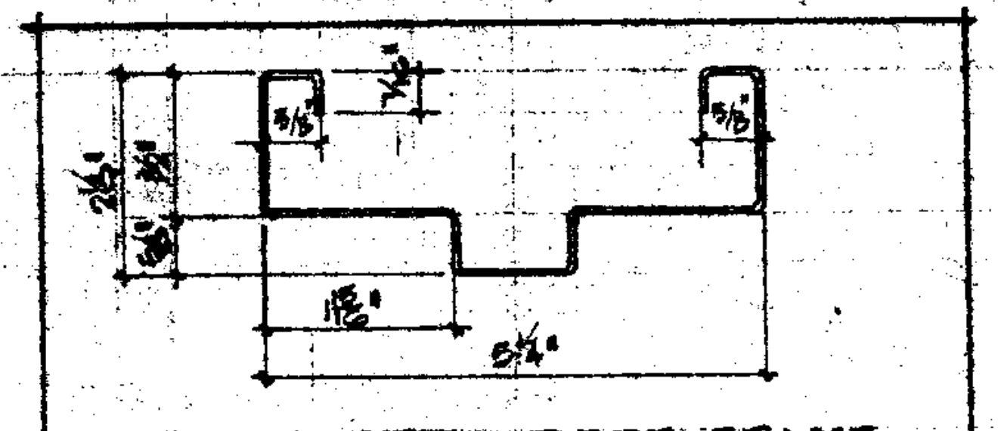
AA.1
OF 3 SHEETS



EXTERIOR ELEVATIONS • POD "A" 1/4" = 1'-0"



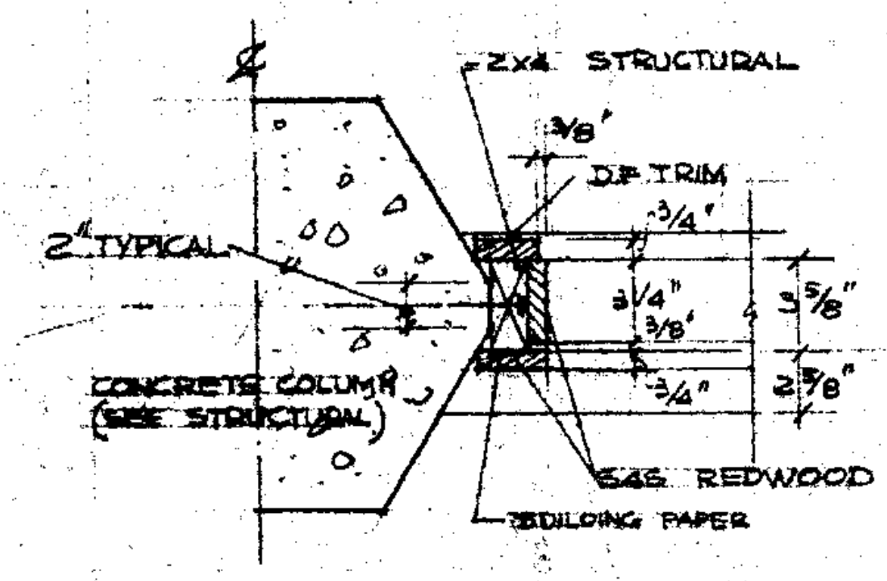
1 AA2 HEAD 1½" = 1'-0"



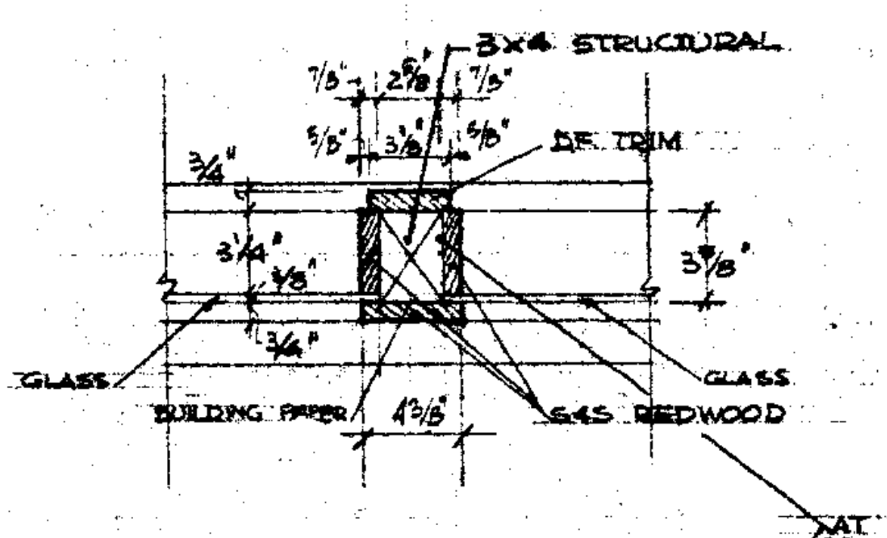
TYPICAL METAL DOOR FRAME FOR TYPE V NO HR. CONSTRUCTION AT EXTERIOR WALLS. (TYP. FOR PODS "A" & "B")

20 AA2 SCALE: HALF FULL SIZE

Stagger see Struct dwg 2A

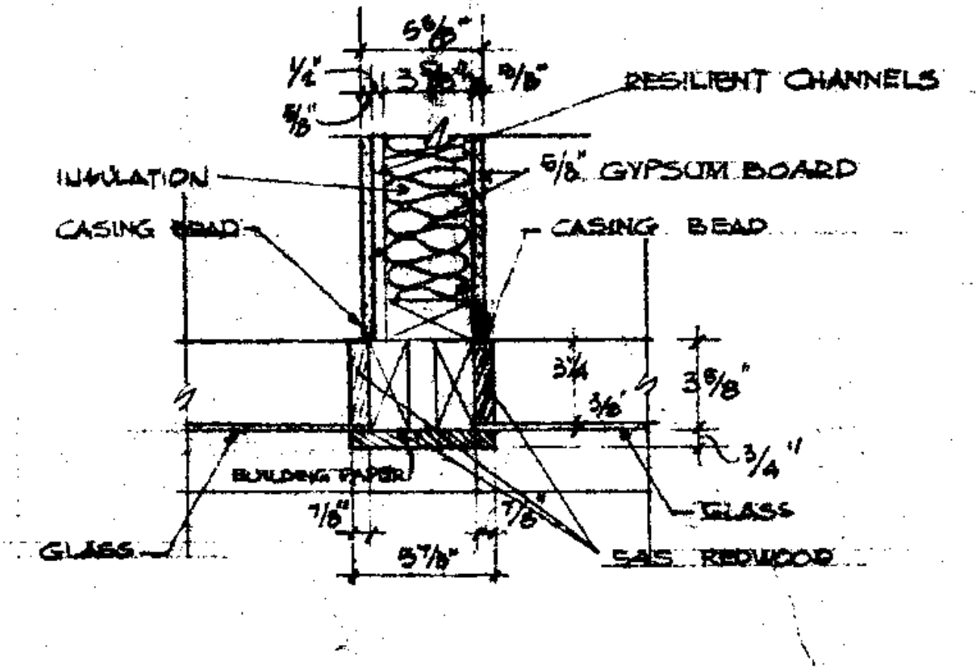


8 AA2 WINDOW JAMB @ CONCRETE COLUMN 1½" = 1'-0"



9 AA2 WINDOW VERTICAL MULLION 1½" = 1'-0"

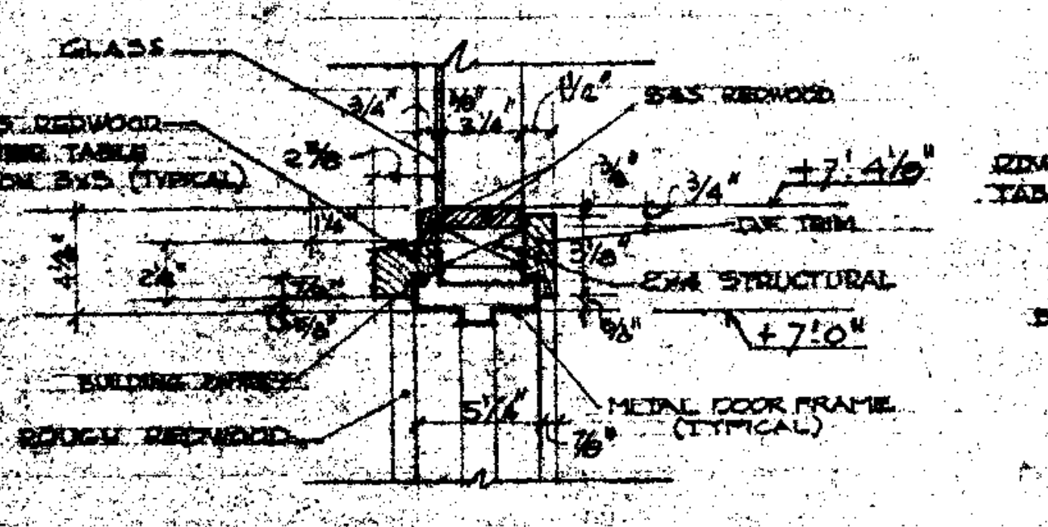
AT 3x4 STRUCTURAL MULLIONS 3" UNIVERSAL ANGLE EACH SIDE TOP AND BOTTOM (TYPICAL)



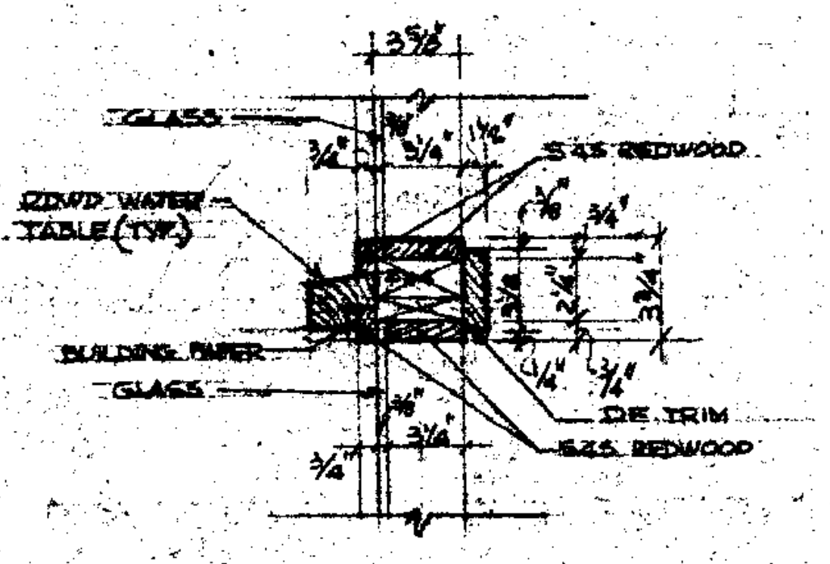
10 AA2 WINDOW VERTICAL MULLION @ CROSS SOUND PARTITION 1½" = 1'-0"

NOTES:

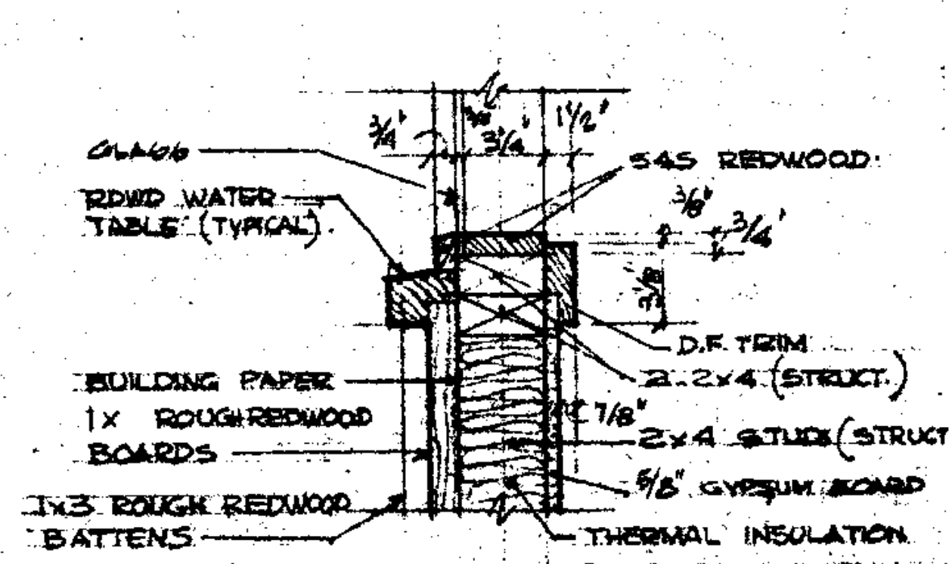
1. SIDING SHALL BE ROUGH REDWOOD. 1x6, 1x8, & 1x10 RANDOM PATTERN W/ 1x3 ROUGH RWD. BATTENS.
2. FOR ALL RWD. SIDING PROVIDE 2x4 HORIZONTAL BACKING BETWEEN STUDS AT 2'-0" ± O.C. TOE NAIL EACH END OF 2x4 BACKING TO STUDS W/ 2-16d SEE DETAIL 1 AT1
3. FOR TYPICAL FRAMING SEE SEE DETAIL "1N" STRUCTURAL DRAWINGS S.1



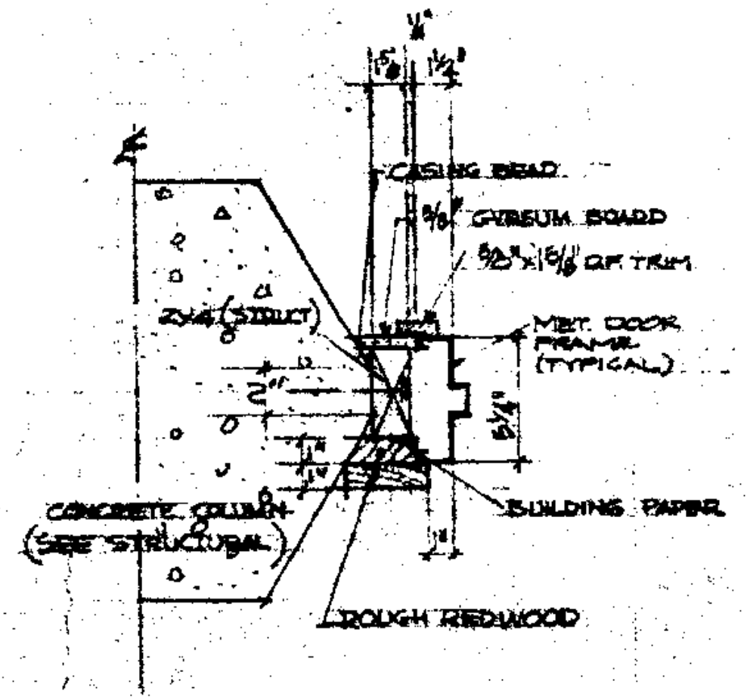
2 AA2 HORIZONTAL MULLION 1½" = 1'-0"



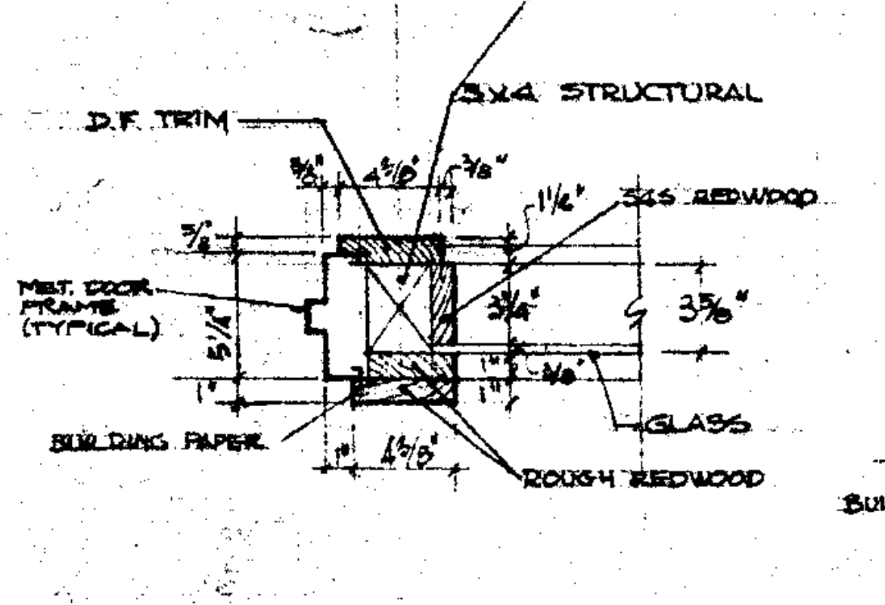
4 AA2 HORIZONTAL MULLION 1½" = 1'-0"



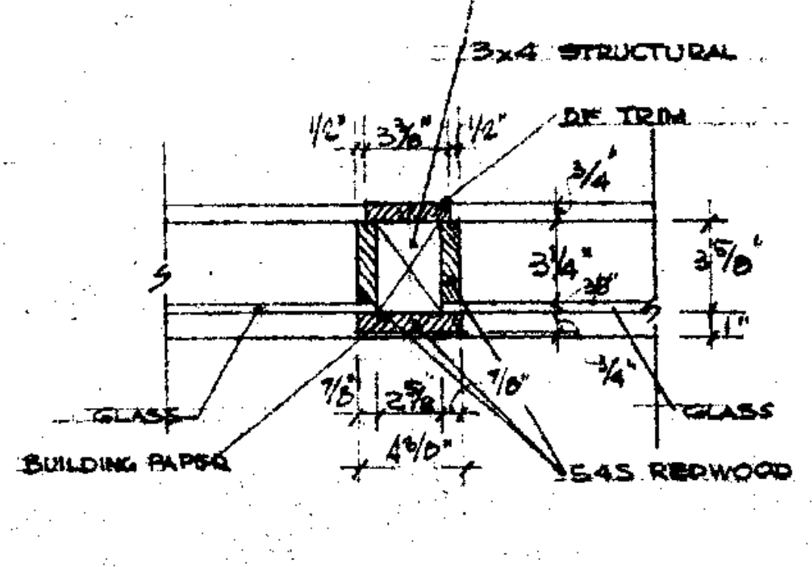
6 AA2 HIGH WINDOW SILL 1½" = 1'-0"



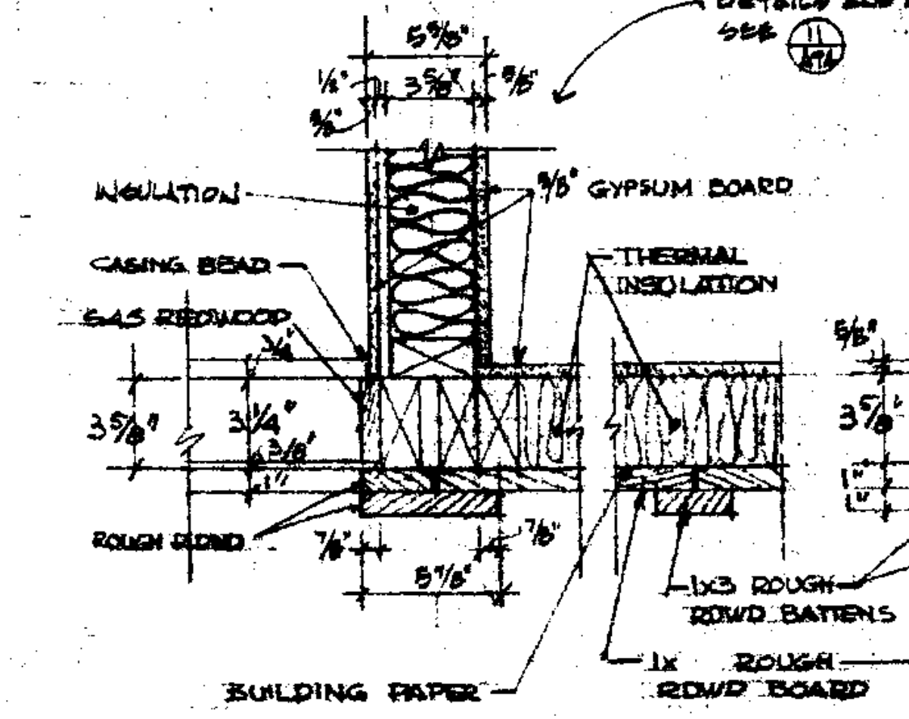
11 AA2 DOOR JAMB @ CONCRETE COLUMN 1½" = 1'-0"



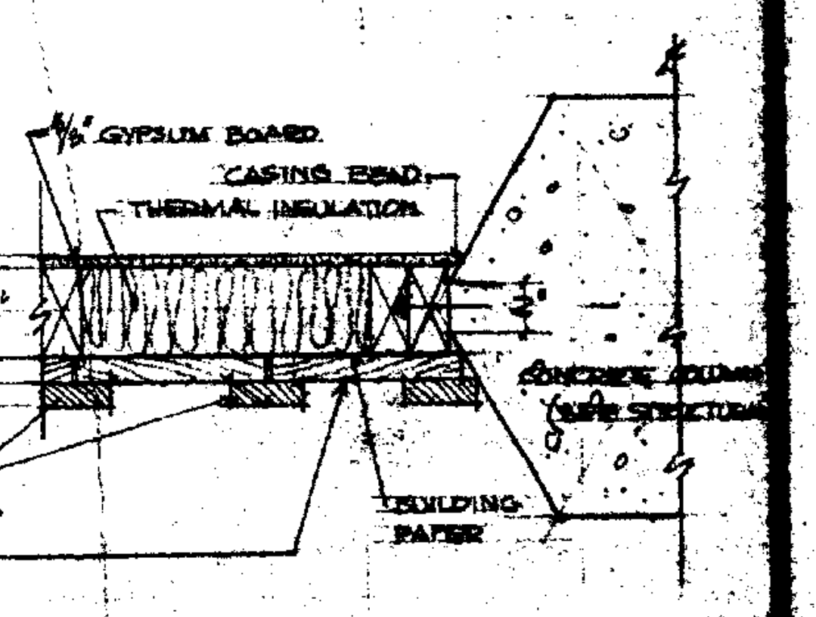
12 AA2 DOOR & WINDOW JAMB 1½" = 1'-0"



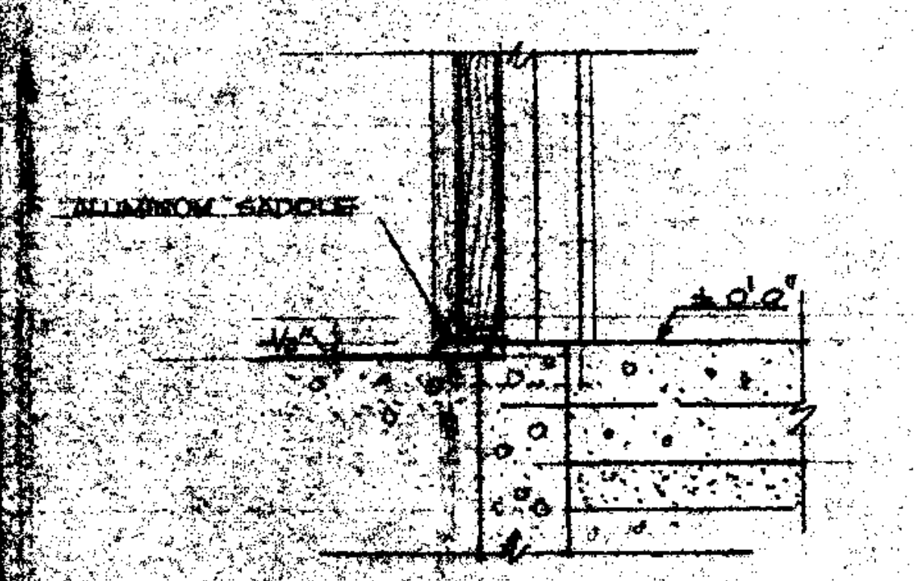
13 AA2 WINDOW VERTICAL MULLION 1½" = 1'-0"



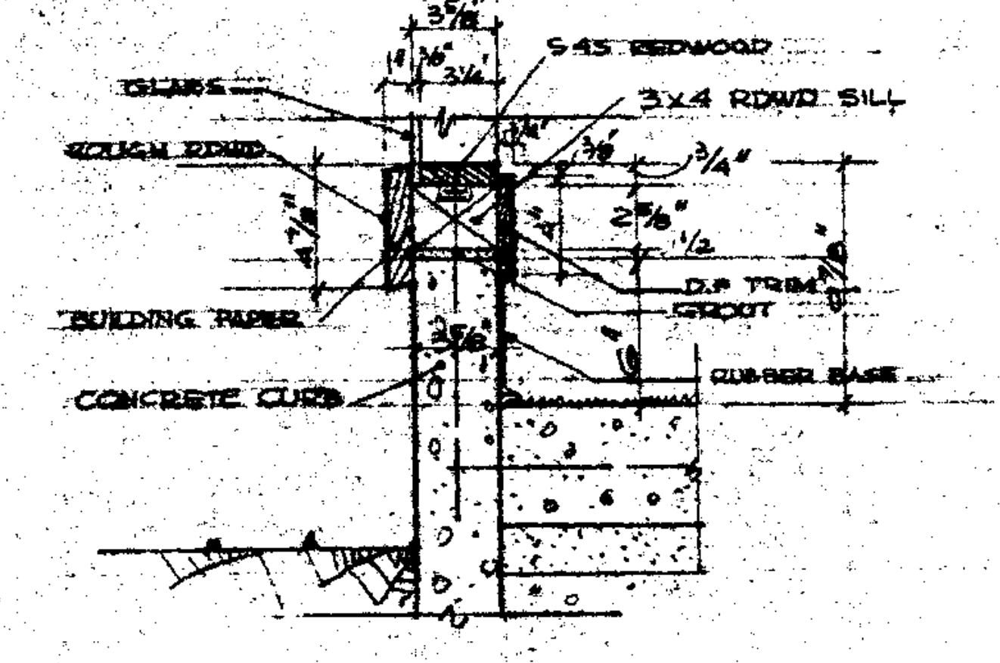
14 AA2 WINDOW JAMB @ CROSS SOUND PARTITION 1½" = 1'-0"



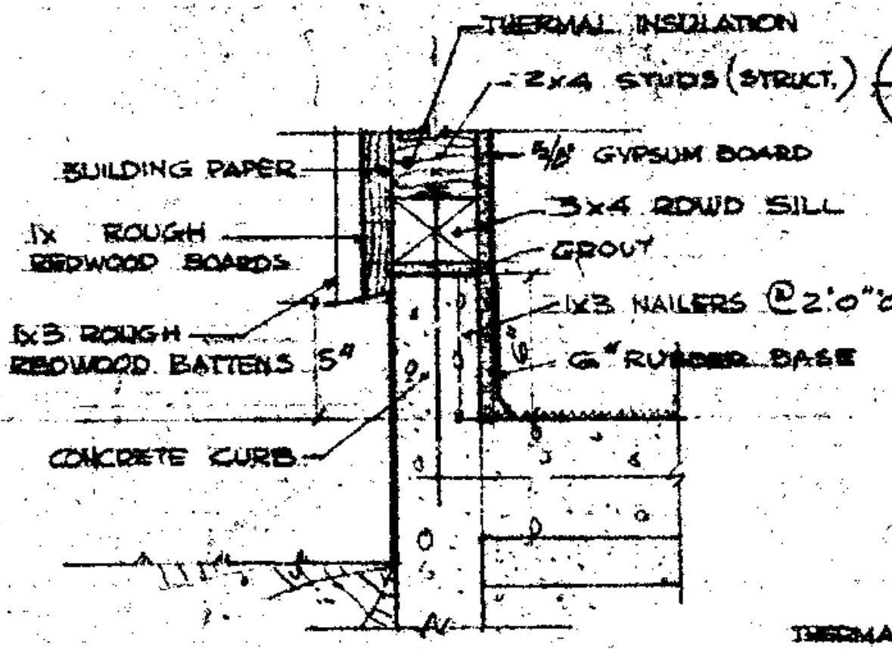
15 AA2 SOLID WALL CONNECTION TO CONCRETE COLUMN 1½" = 1'-0"



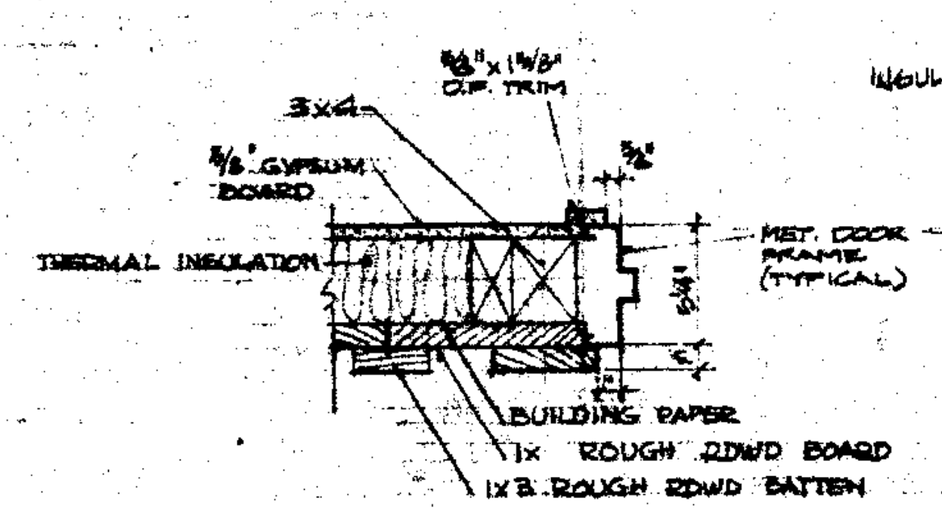
3 AA2 DOOR SILL 1½" = 1'-0"



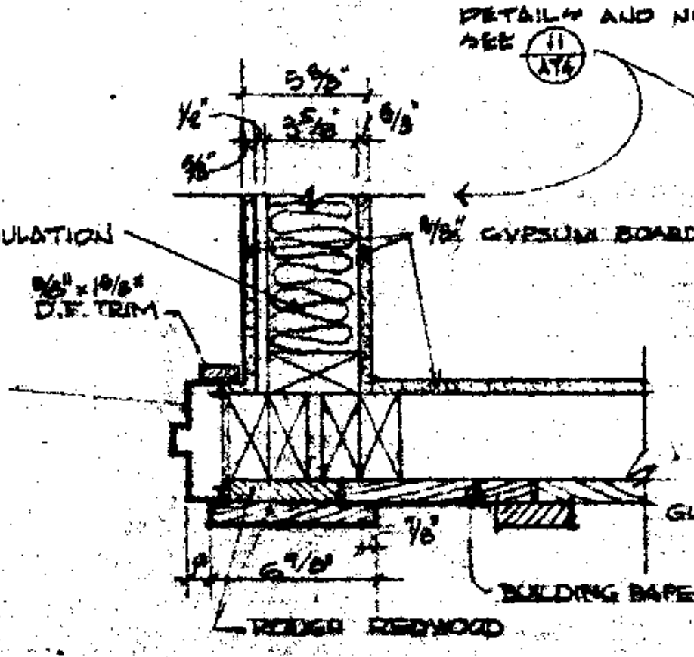
5 AA2 LOW WINDOW SILL 1½" = 1'-0"



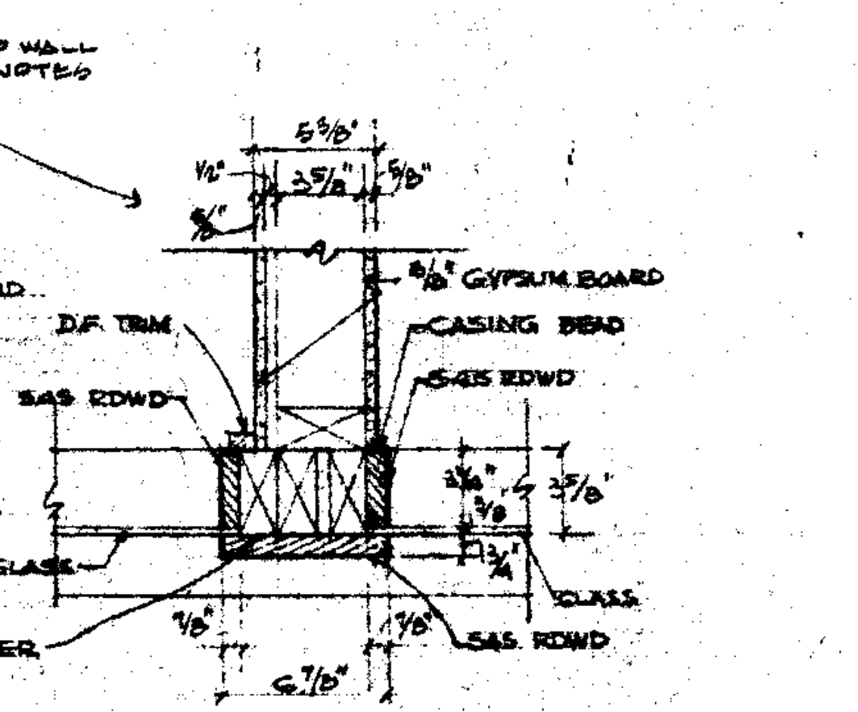
7 AA2 SILL 1½" = 1'-0"



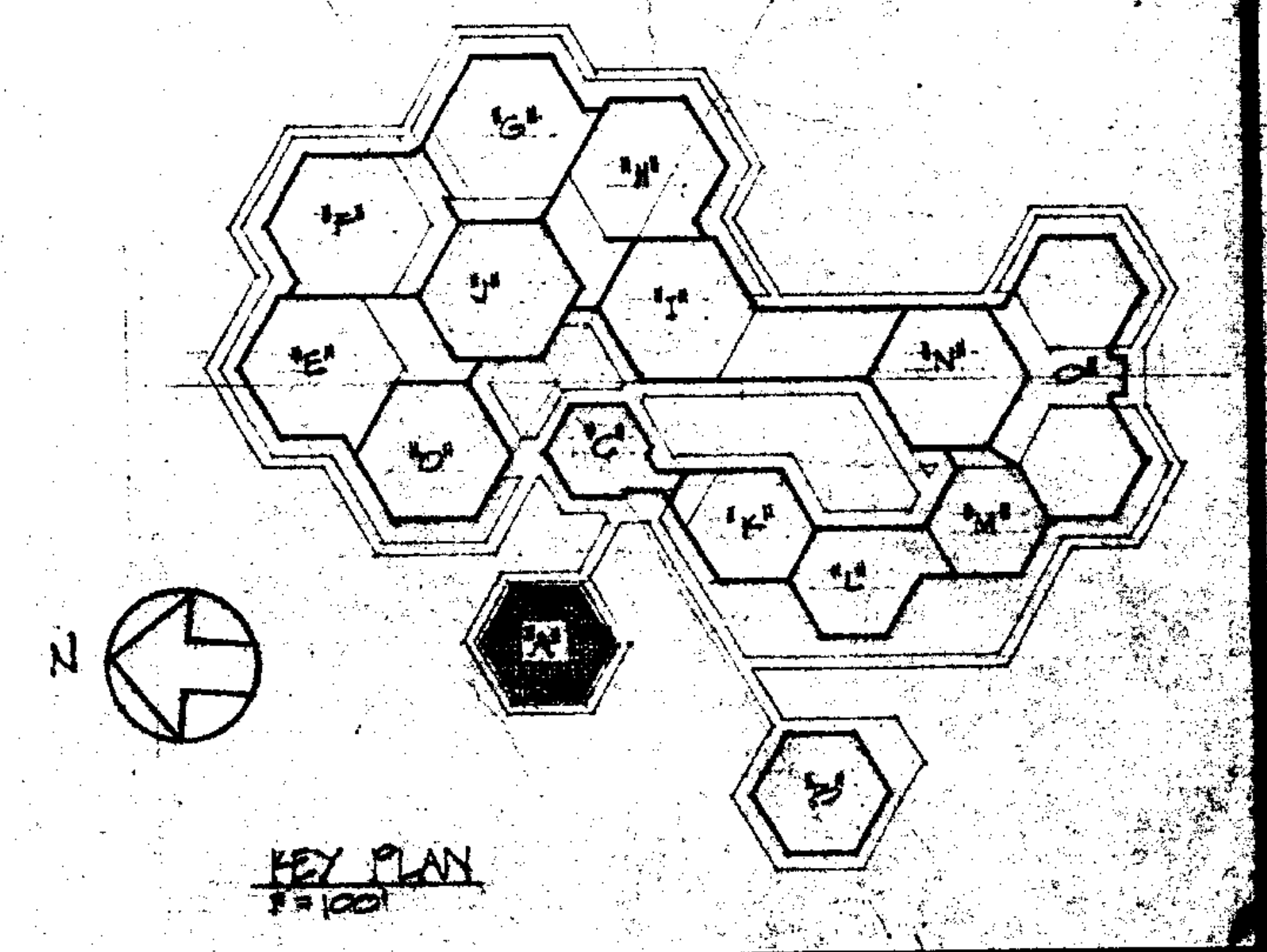
16 AA2 DOOR JAMB @ SOLID WALL 1½" = 1'-0"



17 AA2 DOOR JAMB @ CROSS SOUND PARTITION & SOLID WALL 1½" = 1'-0"



18 AA2 WINDOW VERTICAL MULLION @ CROSS SOUND PARTITION ABOVE JAMB 17 AA2 1½" = 1'-0"



KEY PLAN 1" = 100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 16 1969

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
[illegible] 448 APPROVED JAN 16 1969

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

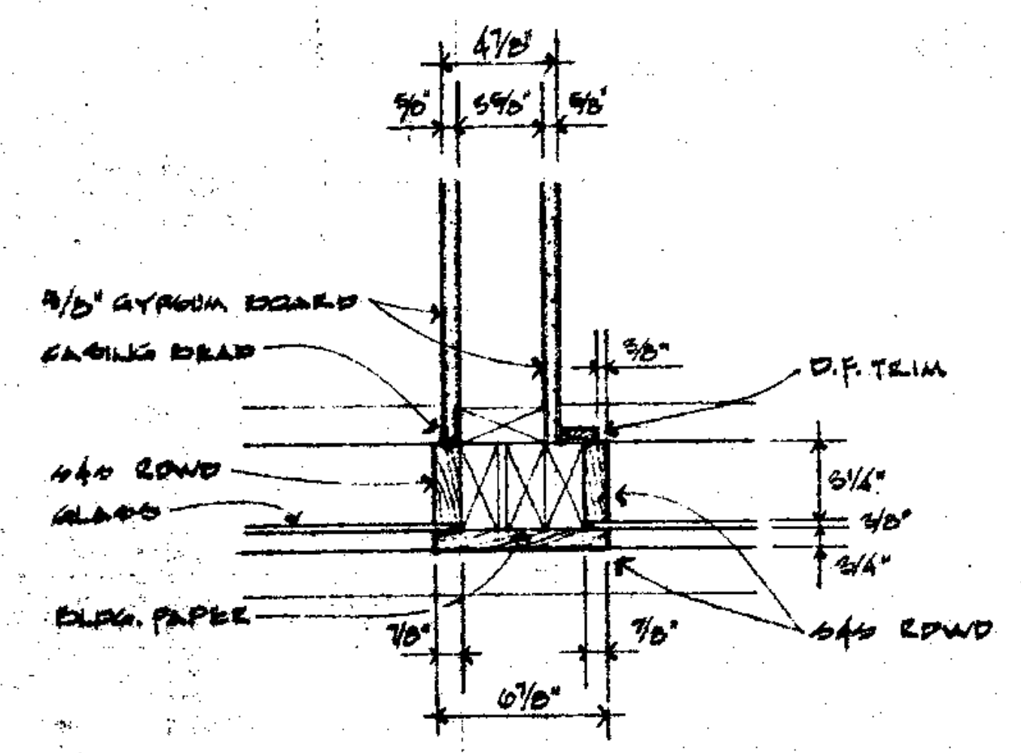
POD "A"
EXTERIOR ELEVATIONS
AND EXTERIOR DETAILS

REVISIONS

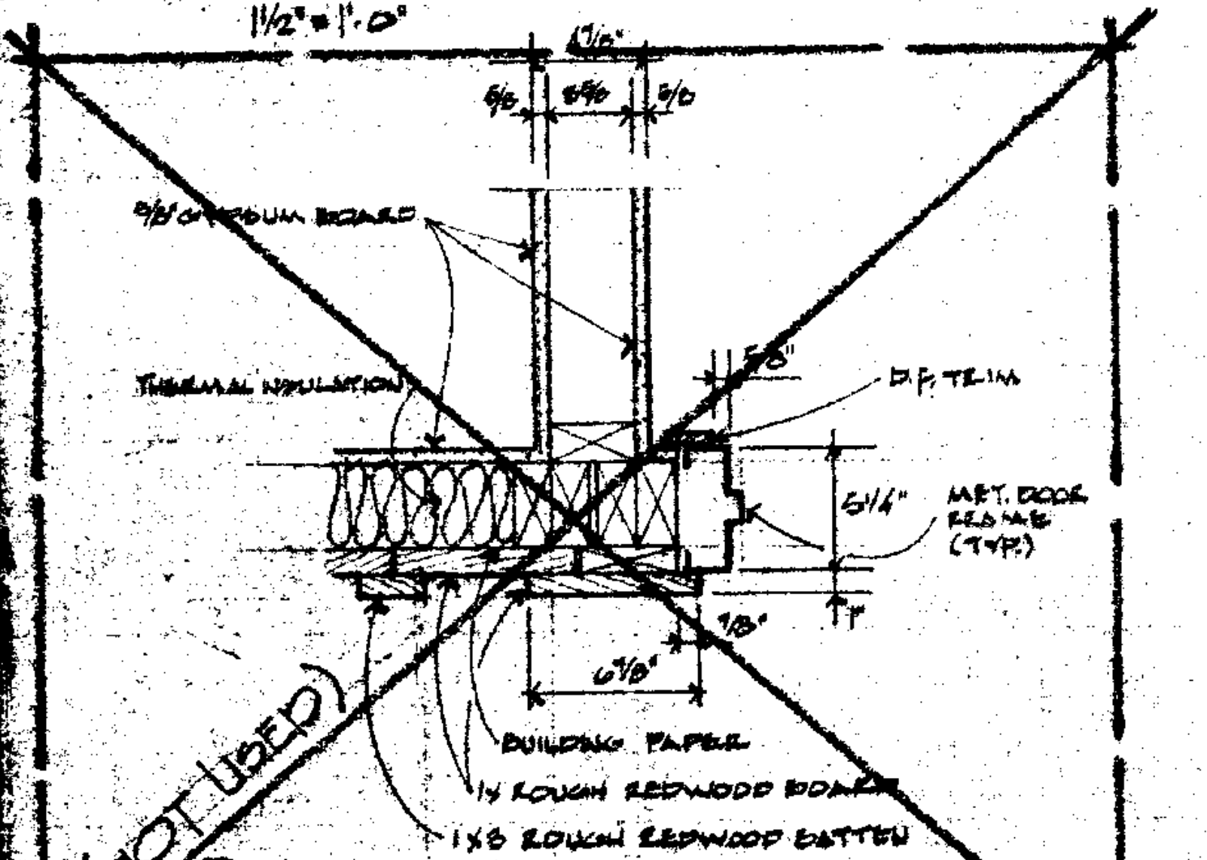
6605

AA2

OF 3 SHEETS

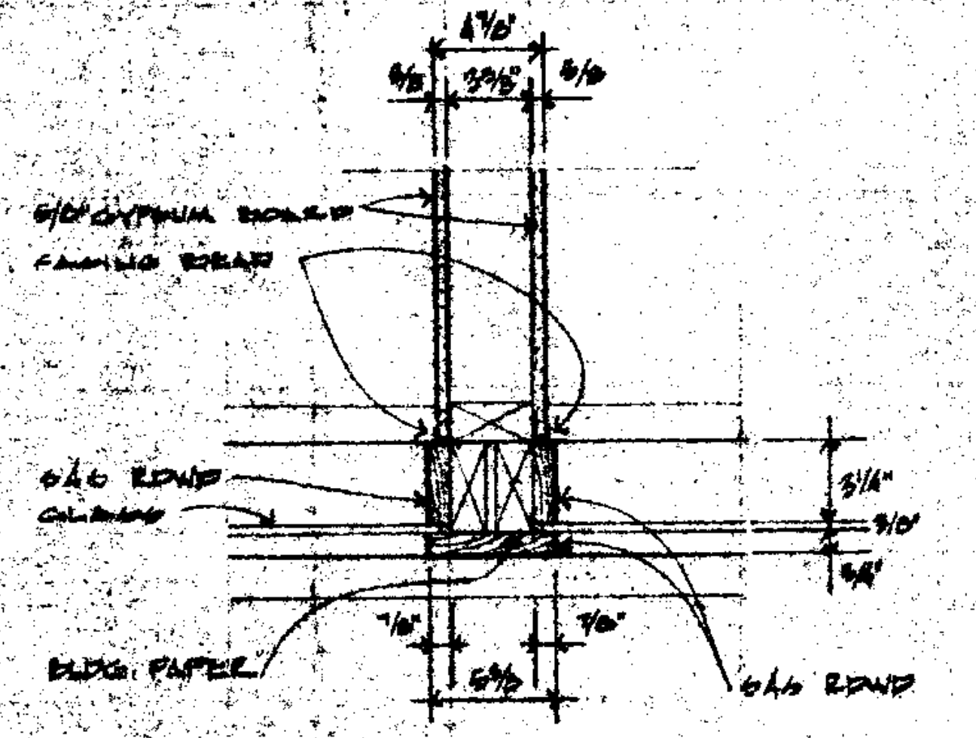


(1/AA3) WINDOW VERTICAL MULLION @ CROSS PARTITION ABOVE JAMB (2/AA3)
1½" = 1'-0"

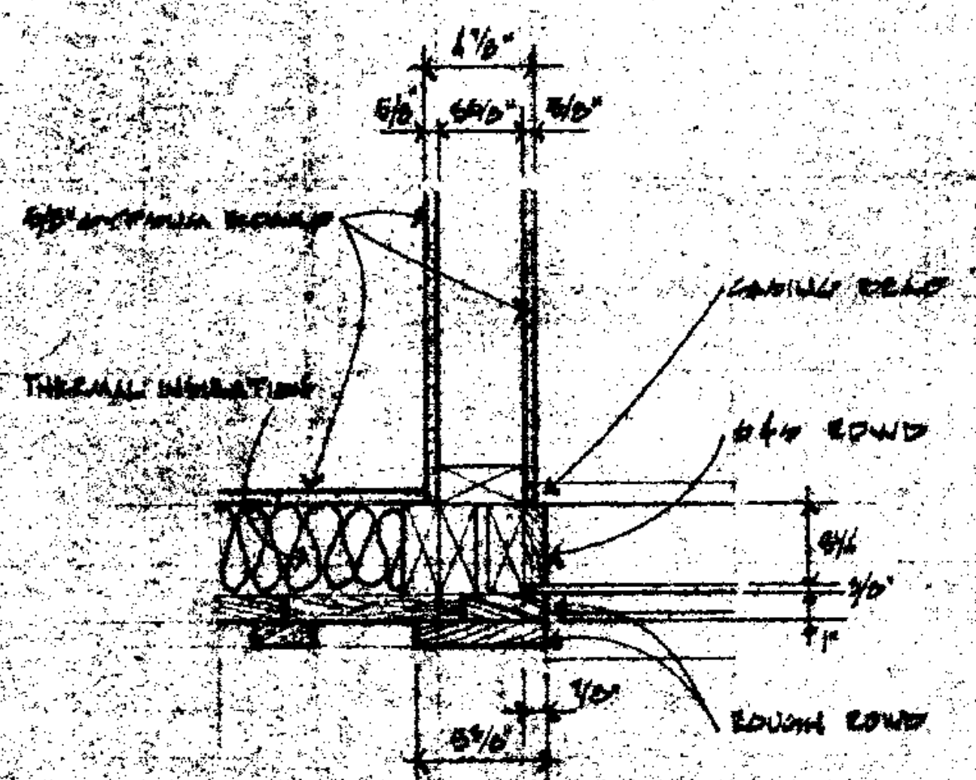


(NOT USED)

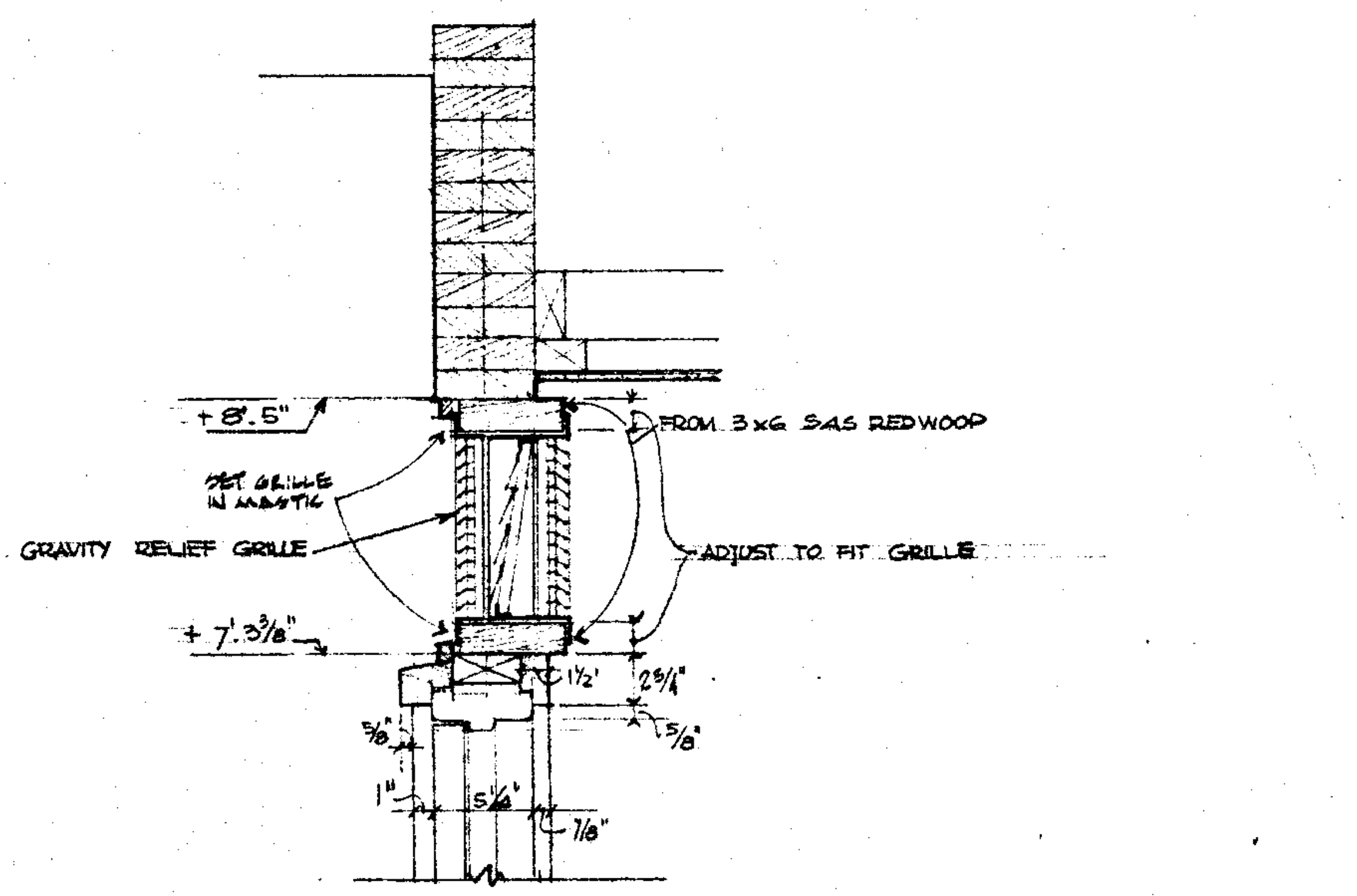
(2/AA3) DOOR JAMB @ CROSS PARTITION @ SOLID WALL 1½" = 1'-0"



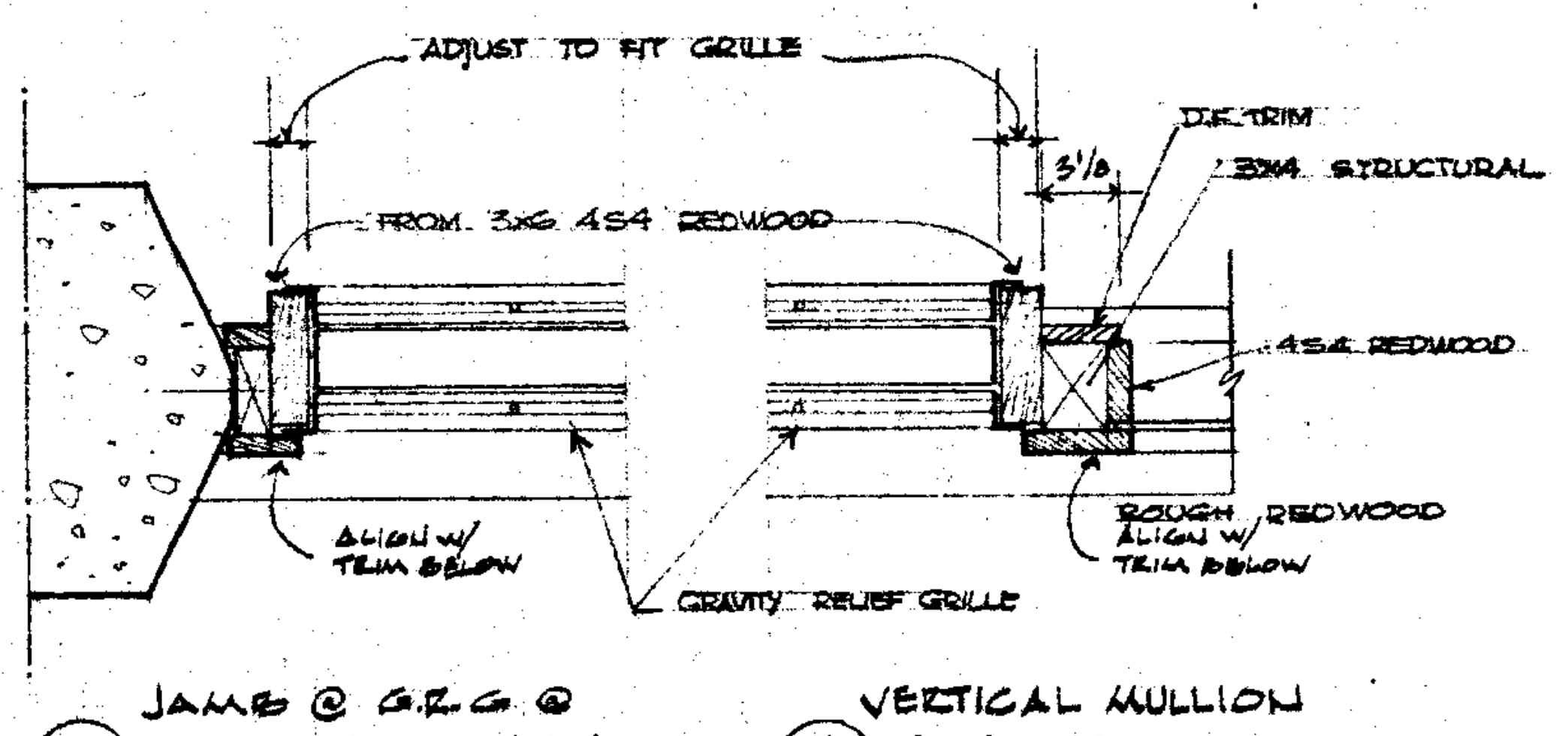
(3/AA3) WINDOW VERTICAL MULLION @ CROSS PARTITION 1½" = 1'-0"



(4/AA3) WINDOW JAMB @ CROSS PARTITION 1½" = 1'-0"



(5/AA3) HEAD/HORIZONTAL MULLION & GRAVITY RELIEF GRILL
SEE (1/AA2) & (2/AA2) 1½" = 1'-0"



(6/AA3) JAMB @ G.R.G. @ CONCRETE COLUMN
SEE (8/AA2) 1½" = 1'-0"

(7/AA3) VERTICAL MULLION @ G.R.G.
SEE (9/AA2) 1½" = 1'-0"

APPROVED
STATE FIRE MARSHAL
STATE OF CALIF.
DATE JAN 16 1968
BY

OFFICE OF ARCHITECTURE AND CONSTRUCTION
APPLICATION NO. 30448 APPROVED JAN 18 1968
PER

ARCHITECT: Kal Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

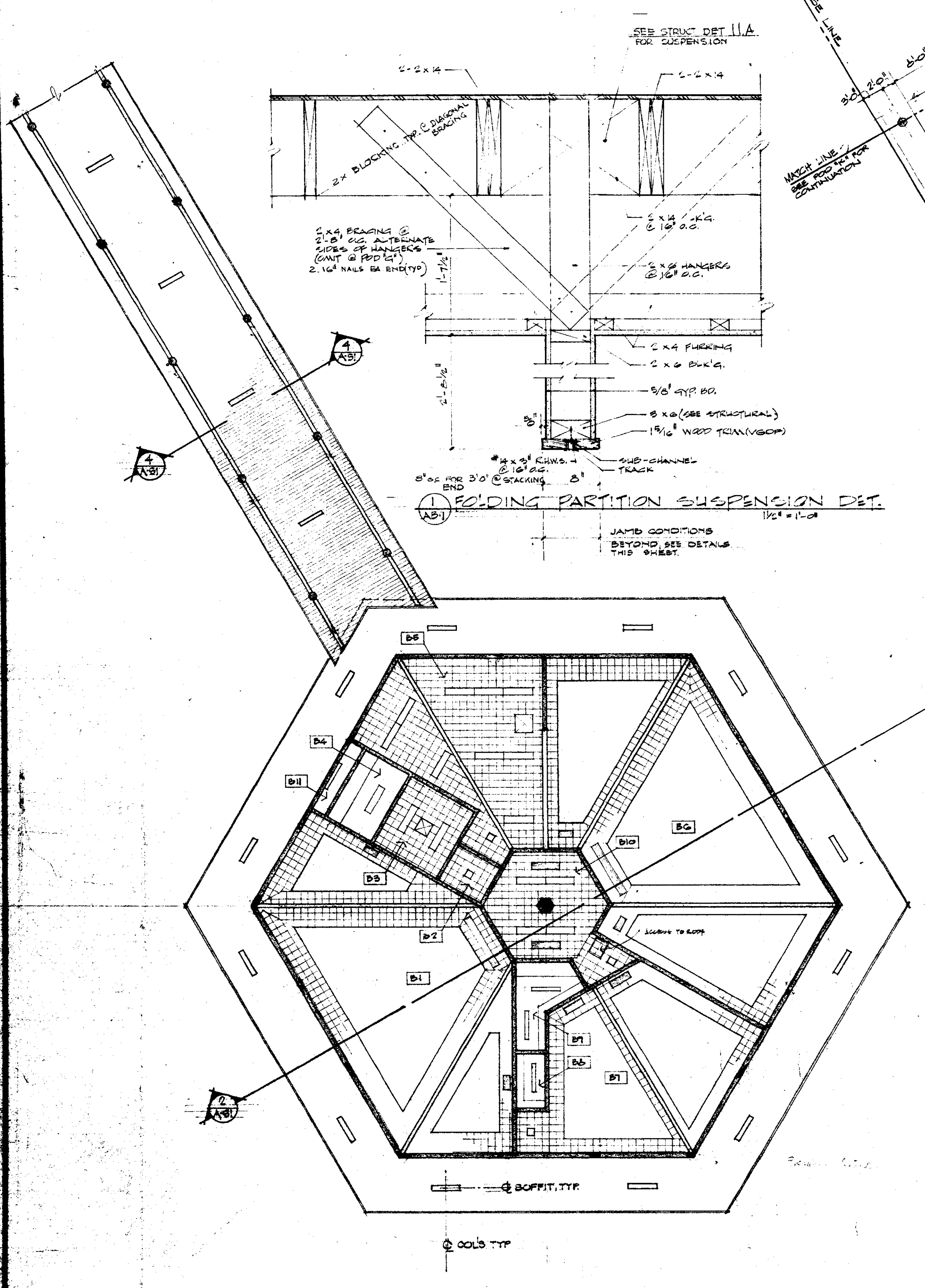
KAL H. PORTER
DON JENSEN • ASSOCIATES
AIA
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD "A"
EXTERIOR DETAILS

REVISIONS

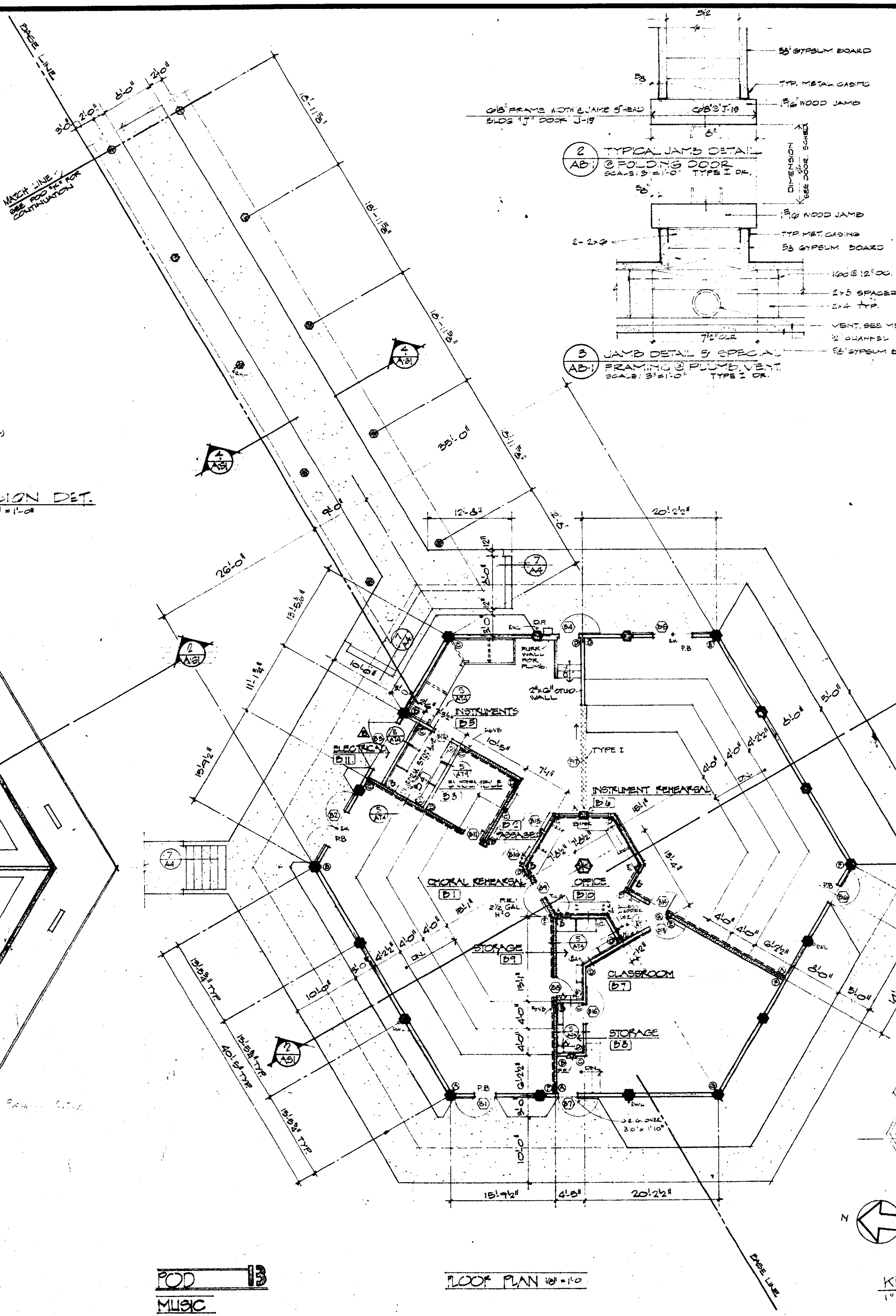
JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AA.3
OF 3 SHEETS


SEE STRUC DET 11.A FOR SUSPENSION
2-2x14
2x BLOCKING TYP. @ DIAGONAL BRACING
2x6 BRACING @ 2'-8" O.C. ALTERNATE SIDES OF HANGERS (OMIT @ POD "G") 2-16d NAILS EA END (TYP)
2x4 BLK'G @ 16" O.C.
2x6 HANGERS @ 16" O.C.
2x4 FURRING
2x6 BLK'G.
5/8" GYP. BD.
8x6 (SEE STRUCTURAL)
1 5/16" WOOD TRIM (V.G.D.F.)
#14x3" R.H.W.S. 4 @ 16" O.C.
SUB-CHANNEL TRACK
8" O.C. FOR 3'-0" @ END
STACKING 8"
JAMB CONDITIONS BEYOND, SEE DETAILS THIS SHEET.
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
ACCESS TO ROOF
℄ BOFFIT, TYP.
℄ COL'S TYP
4 AB1
2 AB1

1 AB-1 FOLDING PARTITION SUSPENSION DET. 1½" = 1'-0"

REFLECTED CEILING PLAN 1/8" = 1'-0"



2 AB-1 TYPICAL JAMB DETAIL @ FOLDING DOOR SCALE: 3" = 1'-0" TYPE I DR.

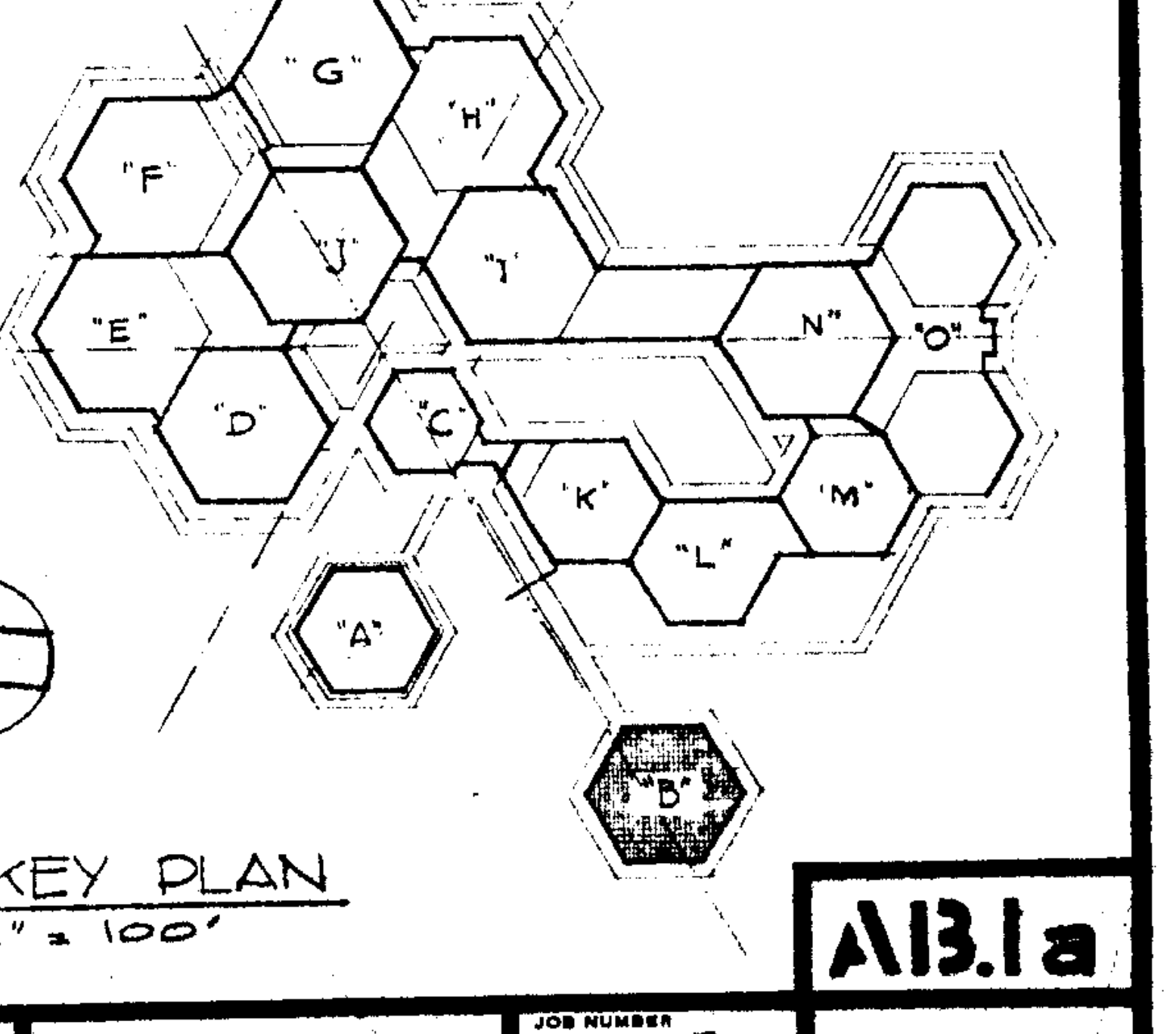
3 AB-1 JAMB DETAIL & SPECIAL FRAMING @ PLUMB. VENT SCALE: 3" = 1'-0" TYPE I DR.

FLOOR PLAN 1/8" = 1'-0"

BASE LINE

NOTES:

1. ALL EXTERIOR WALL PANELS FOR POD "B" ARE TYPE Ⓐ UNLESS OTHERWISE NOTED. SEE SHEET AT1
2. POD "B" IN TYPE V NO HOUR CONSTRUCTION. WALLS ARE 2x4 STUDS W/ 5/8" GYPSUM BOARD BOTH SIDES, EXCEPT WHERE NOTED OTHERWISE.
3. WHERE AN INTERIOR WALL IS ONLY PARTIALLY SOUND TREATED, EXTEND THE FINISH MATERIALS ON THE ENTIRE FACE OF THE WALL TO OBTAIN A FLUSH SURFACE.
4. SEE SHEET AT4 FOR INTERIOR WALL DETAILS.
5. AT ROOMS B-4, B-5, B-6, & B-7 EXTEND ONE HOUR OCCUPANCY SEPARATION TO UPPER ROOF SHEATHING DETAIL 5 AT4



KEY PLAN 1" = 100'

POD B

MUSIC

AB.1a

APPROVED
STATE FIRE MARSHAL
STATE ...
DATE JAN 1 6 1969
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
38443 APPROVED JAN 16 1969

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO. CALIFORNIA

KAL H. PORTER AIA
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POD "B"
FLOOR PLAN
REFLECTED CEILING PLAN

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AB.1
OF 2 SHEETS

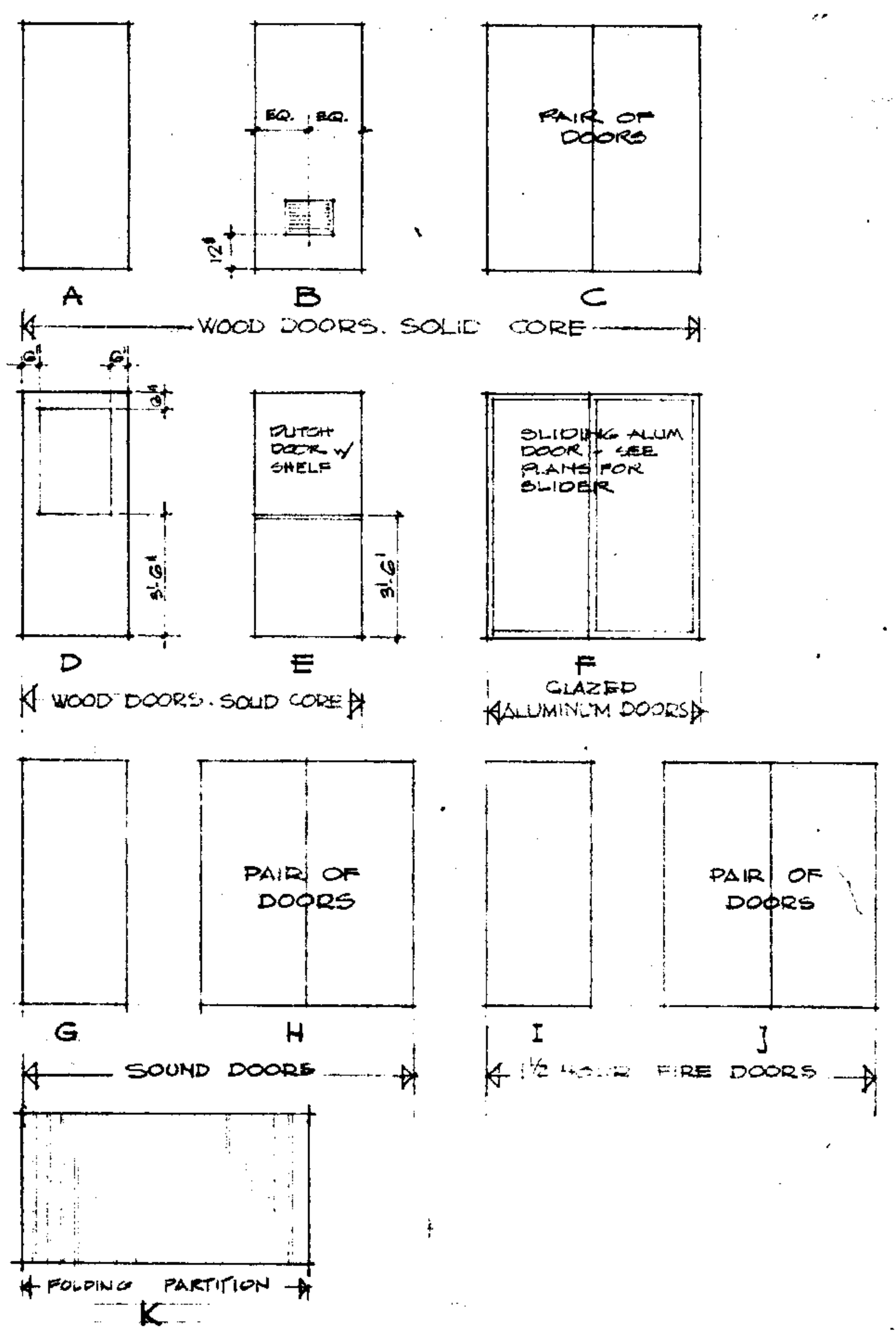
INTERIOR FINISH SCHEDULE - POD B

ROOM NAME	Nº	FLOOR								BASE				WALLS													CEILING							REMARKS
		CARPET (A)	RESILIENT TILE (B)	CERAMIC TILE (C)	CONCRETE (D)	CONCRETE COLORED (E)	WOOD (F)	POLISHED RESINE TERRAZZO (G)	INDUSTRIAL TERRAZZO (H)	6" WOOD (5½"x1½" FINISH) (J)	4" WOOD (3⅝"x1½" FINISH) (K)	CONCRETE (L)	COVED POLISHED TERRAZZO (M)	5/8" GYP. BD. PAINTED (N)	TWO LAYERS 5/8" GYP. BD. PAINTED (P)	VINYL WALL FABRIC o/ 5/8" GYP. BD. (Q)	VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP BD. (R)	VINYL WALL FABRIC ON 1/2" GYP BD + 5/8" GYP. BD. (S)	VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD. (T)	CEMENT PLASTER PAINTED (U)	ACOUSTICAL TILE ON 5/8" GYP. BD. (V)	(W)	GLAZED CERAMIC TILE (X)	LAMINATED PLASTIC ON PARTICLE BD + 5/8" GYP. BD. (1 OR 2 LAYERS) (Y)	ENAMELED ASBESTOS BD. ON 5/8" MOISTURE RESIST. GY. BD (Z)	(AA)	CEILING HEIGHT	5/8" GYP. BD. PAINTED (BB)	1/2" GYP. BD. PAINTED (CC)	TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD. (DD)	TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD (EE)	ACOUSTICAL TILE ON 5/8" GYP. BD (FF)	ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	
CHORAL REHEARSAL	B 1	●									●					●					●						11'-9" 9'-10½"						●	
PASSAGE	B 2	●									●					●											13'-2⅜"						●	
ENSEMBLE	B 3	●									●			●							●						13'-2⅜"						●	
STORAGE	B 4		●								●			●													13'-2⅜"	●						
INSTRUMENT	B 5	●									●			●													13'-2⅜"						●	
INSTRUMENT REHEARSAL	B 6	●									●					●					●						11'-9" 9'-10½"						●	
CLASSROOM	B 7	●									●					●											11'-9"						●	
STORAGE	B 8		●								●			●													13'-2⅜"	●						
STORAGE	B 9		●								●			●													13'-2⅜"	●						
OFFICE	B10		●								●			●													11'-3⅛"						●	
ELECTRICAL	B11																										11'-3⅛"							NO FLOOR COVERING OVER PLYWD.

DOOR SCHEDULE - POD B

Nº	TYPE	SIZE			GLASS		LOUVER		FRAME	DETAILS				REMARKS	HDW.	U.L. LABEL	Nº PL.	NAME PLATE
⬡		W.	HT.	TH.	W.	HT.	W.	HT.		JAMB	JAMB	HEAD	SILL					
B1	A	3'-0"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	2/AT2	33/AT3		1B			
B2	C	6'-4"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	2/AT2	33/AT3	PAIR OF 3'-2" REMOVABLE MULLION	8			
B3	C	8'-0"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	2/AT2	33/AT3	PAIR OF 4'-0"	9			
B4	A	3'-0"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	2/AT2	33/AT3		10A			
B5	C	6'-4"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	2/AT2	33/AT3	PAIR OF 3'-2" REMOVABLE MULLION	8			
B6	A	3'-0"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	2/AT2	33/AT3		1B			
B7	A	3'-0"	7'-0"	1¾"					M.5⅞	16/AA2	16/AA2	22/AT4	33/AT3		10A			
B8	B	3'-0"	7'-0"	1¾"			12"	12"	M.6⅜	14/AT4	14/AT4	14/AT4		FUSIBLE LINK LOUVER	11			
B9	D	2'-8"	7'-0"	1¾"	20"	30"			M.6⅜	18/AT4	18/AT4	18/AT4			6			
B10	H	6'-0"	7'-0"	1¾"					M.6⅜	18/AT4	18/AT4	18/AT4		PAIR OF 3'-0"	12			
B11	G	3'-0"	7'-0"	1¾"					M.6⅜	18/AT4	18/AT4	18/AT4			11			
B12	B	3'-0"	7'-0"	1¾"			12"	12"	M6⅜	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	11			
B13	H	6'-0"	7'-0"	1¾"					M6⅜	18/AT4	18/AT4	18/AT4		PAIR OF 3'-0"	12			
B14	D	2'-8"	7'-0"	1¾"	20"	30"			M.6⅜	18/AT4	18/AT4	18/AT4			6			
B15	D	3'-0"	7'-0"	1¾"	20"	30"			M.6⅜	18/AT4	18/AT4	18/AT4			6			
B16	B	3'-0"	7'-0"	1¾"			12"	12"	M.6⅛	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	6			
B17	K	16'-6"	8'-10⅝"						WD.	2/AB-1	3/AB-1	1/AB-1		FOLDING PARTITION TYPE I CHECK DIMENSIONS AT JOB	13			

DOOR TYPES SCALE: 1/4" = 1'-0"



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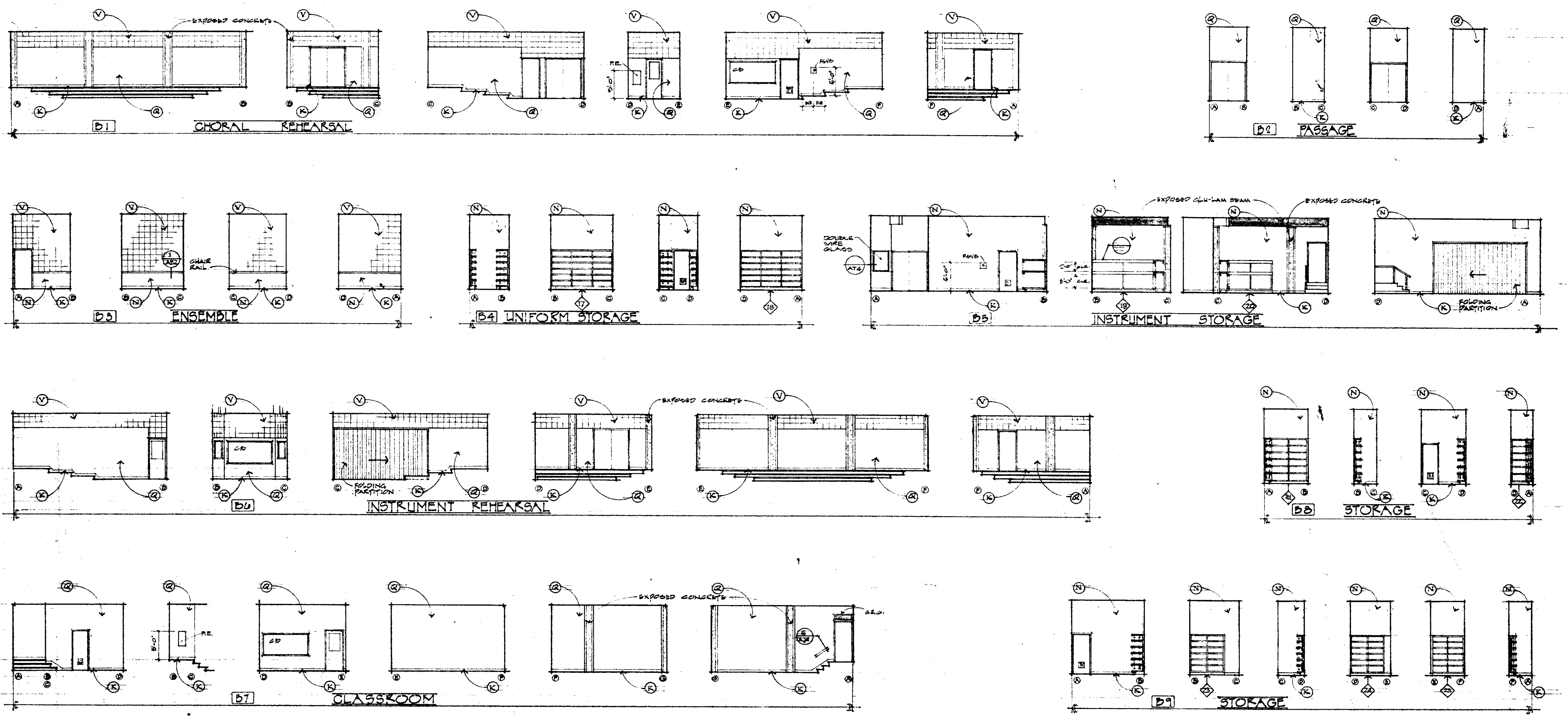
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

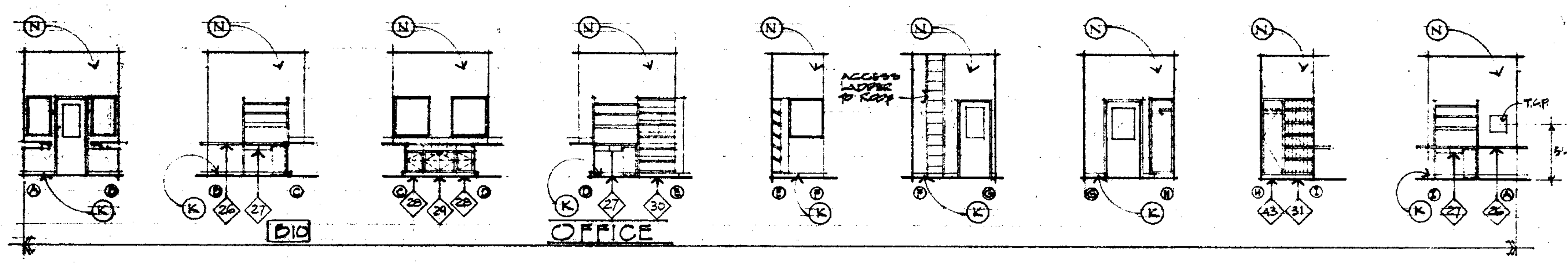
NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

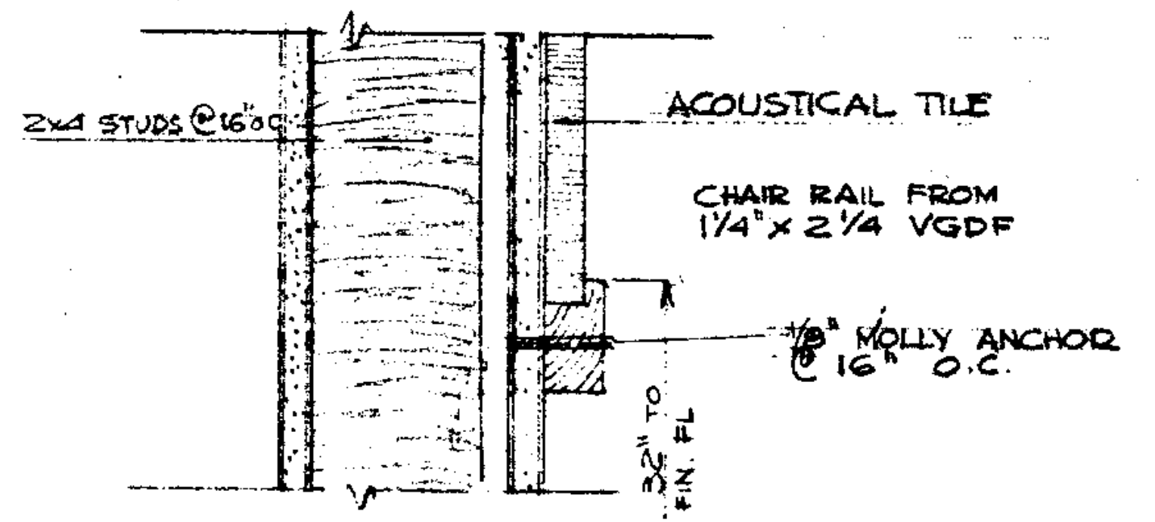
REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

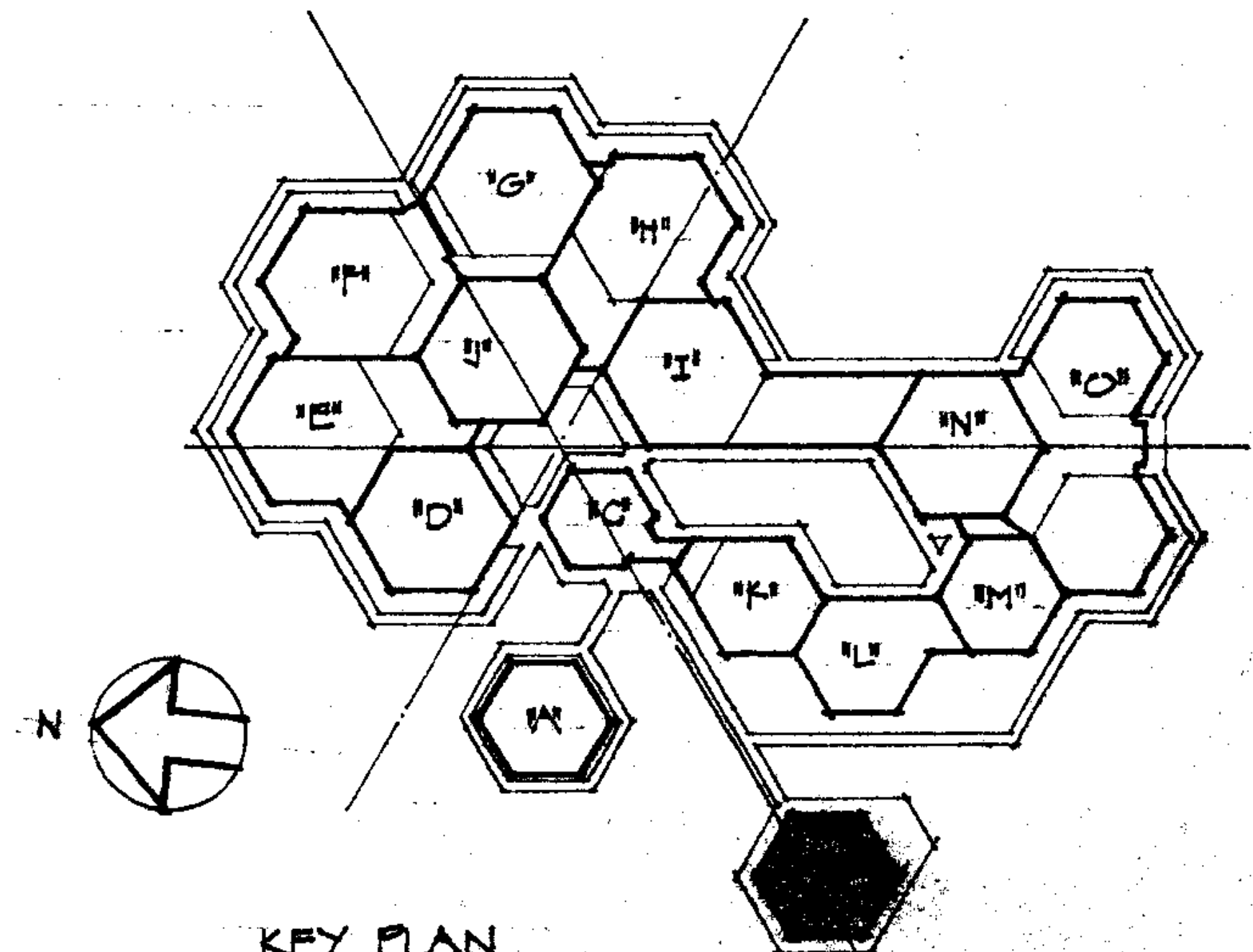
AB.1a
OF SHEETS







1/AB2 CHAIR RAIL @ WALL W/ ACOUSTICAL TILE 3" = 1'0"



KEY PLAN 1" = 100'

POD B INTERIOR ELEVATIONS 1/8" = 1'0"

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA
DATE JAN 11 1966
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION
28443 APPROVED JAN 16 1968

ARCHITECT: Kal Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER
DON JENSEN • ASSOCIATES
AIA
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD 'B'
INTERIOR ELEVATIONS

REVISIONS

JOB NUMBER 6605
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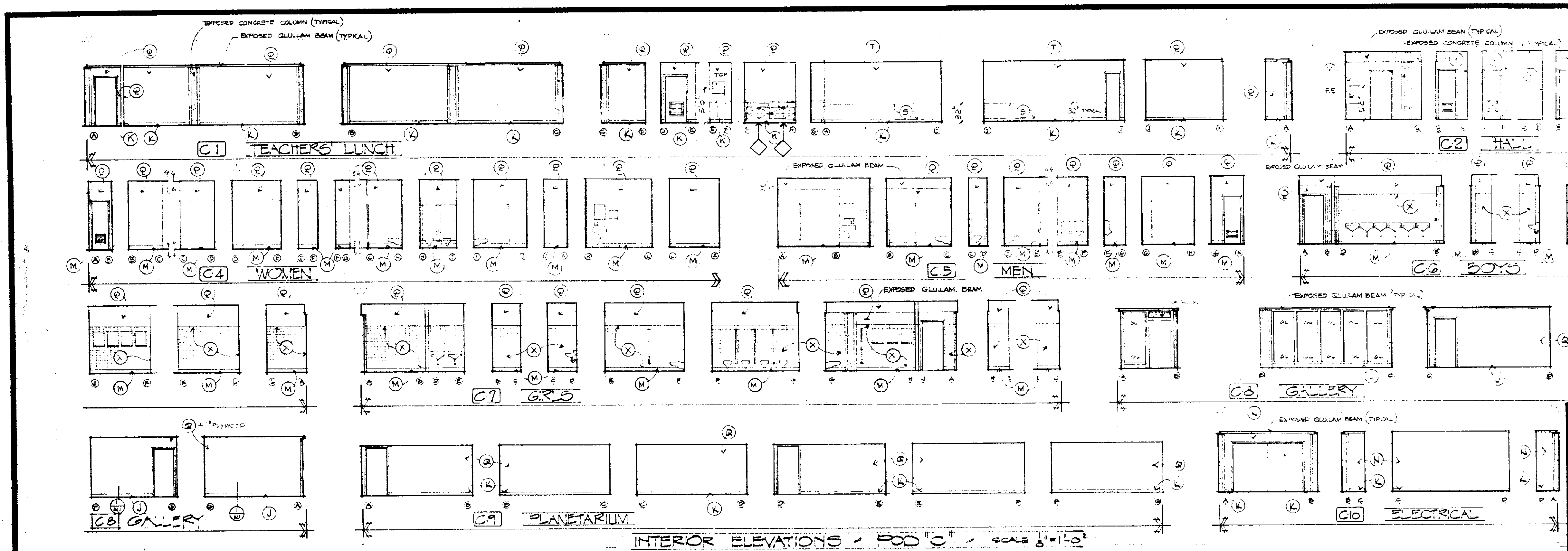
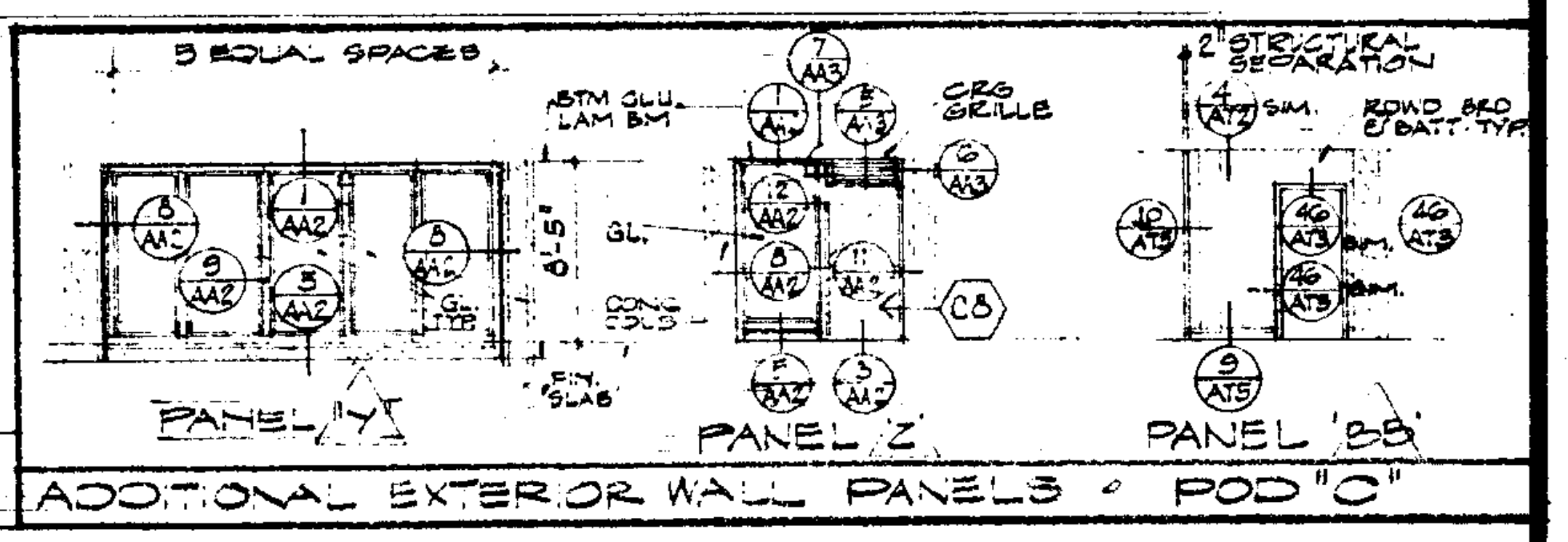
DATE

AB.2
OF 2 SHEETS



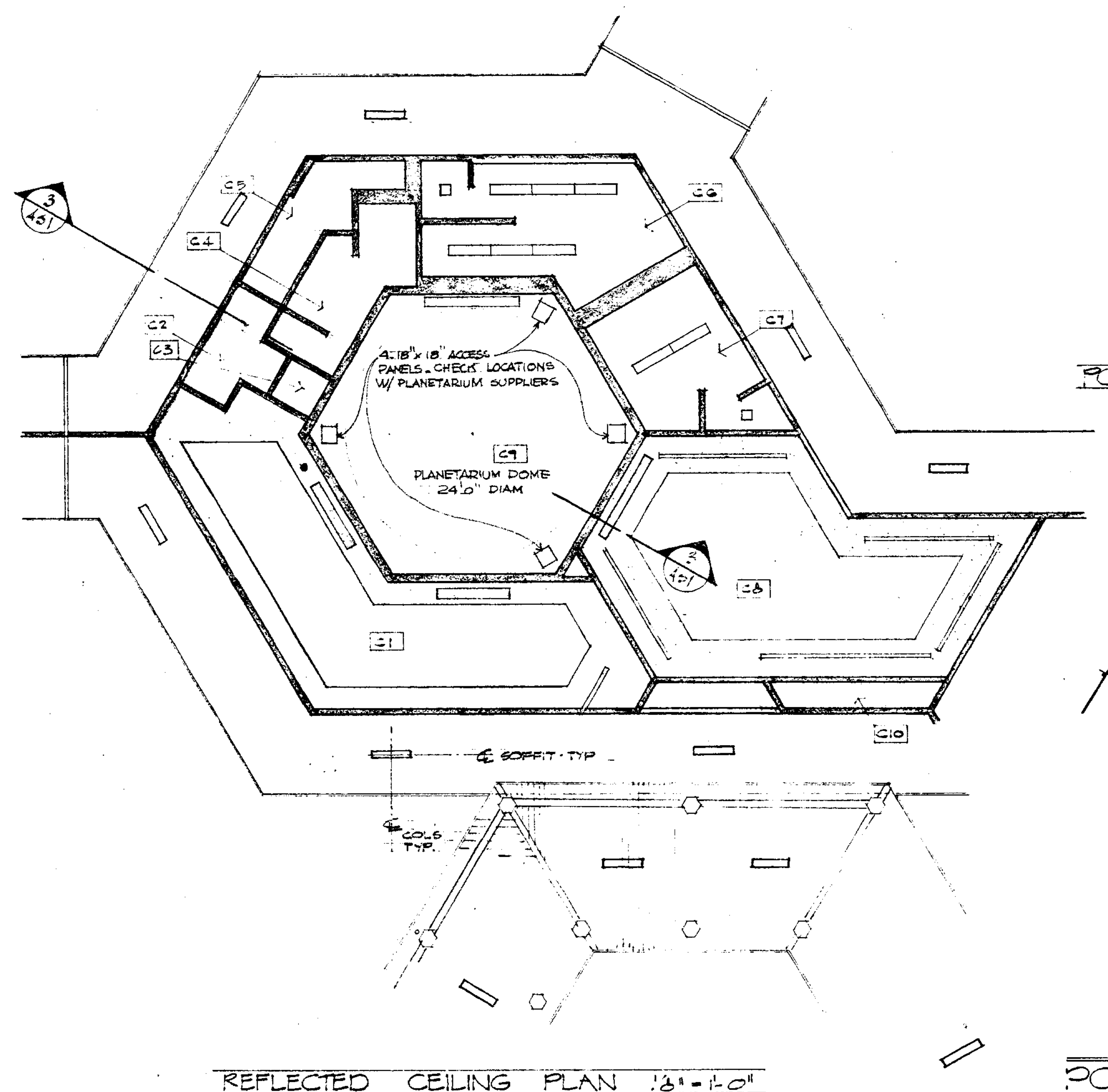
INTERIOR ELEVATIONS - POD "C" - SCALE 1/8"=1'-0"



ADDITIONAL EXTERIOR WALL PANELS - POD "C"

NOTES:

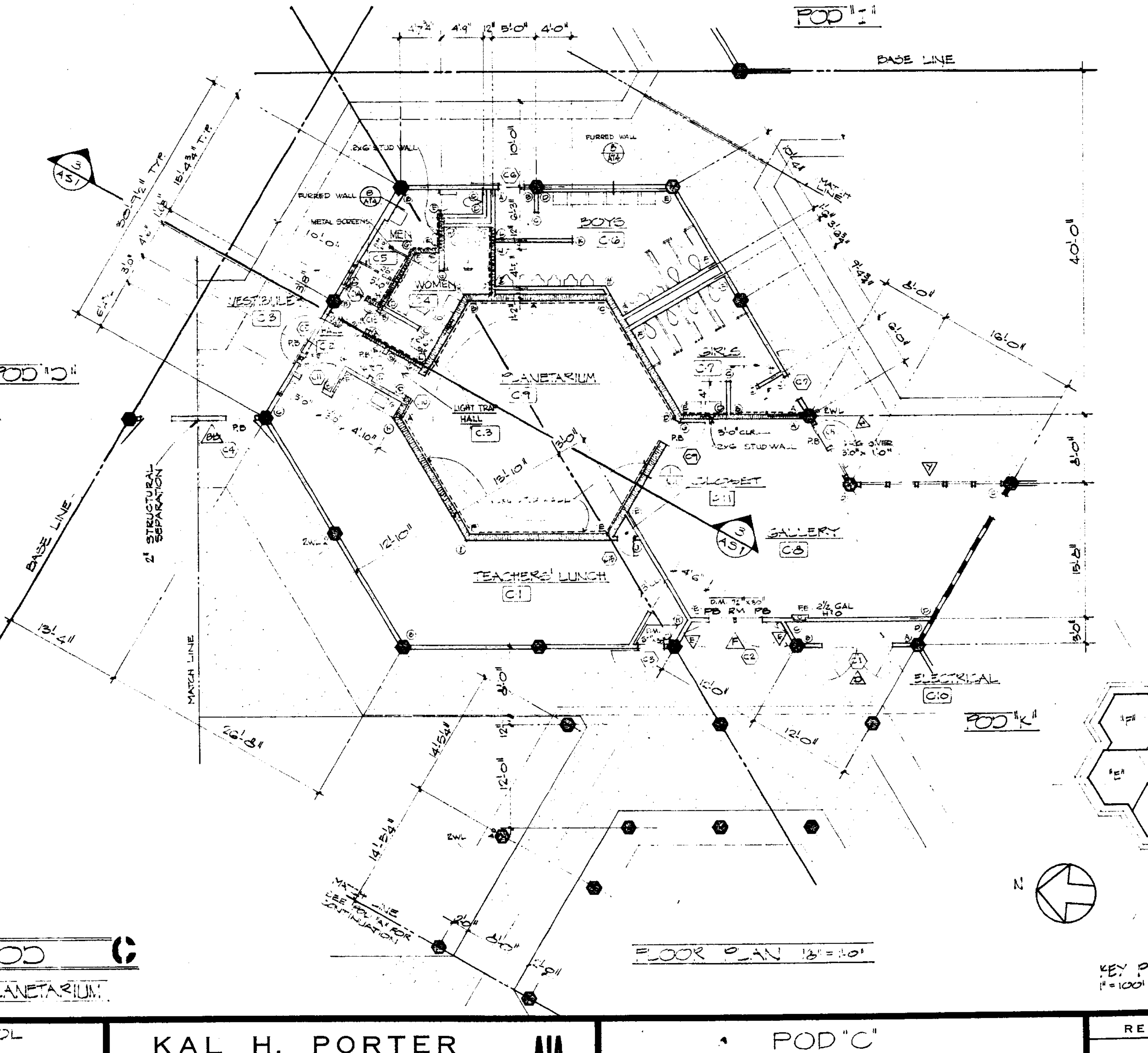
1. ALL EXTERIORIOR WALL PANELS FOR POD "C" ARE TYPE △ UNLESS OTHERWISE NOTED. SEE SHEET AT.1
2. POD "C" IS TYPE V ONE HOUR CONSTRUCTION. ALL WALLS ARE 2x4 WOOD STUDS WITH 5/8" GYPSUM BOARD BOTH SIDES, UNLESS OTHERWISE NOTED.
3. SEE SHEET AT4 FOR INTERIOR WALL DETAILS.


4-18" x 18" ACCESS PANELS - CHECK LOCATIONS W/ PLANETARIUM SUPPLIERS
PLANETARIUM DOME 24'-0" DIAM.
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
℄ SOFFIT - TYP.
℄ COLS. TYP.
POD "D"

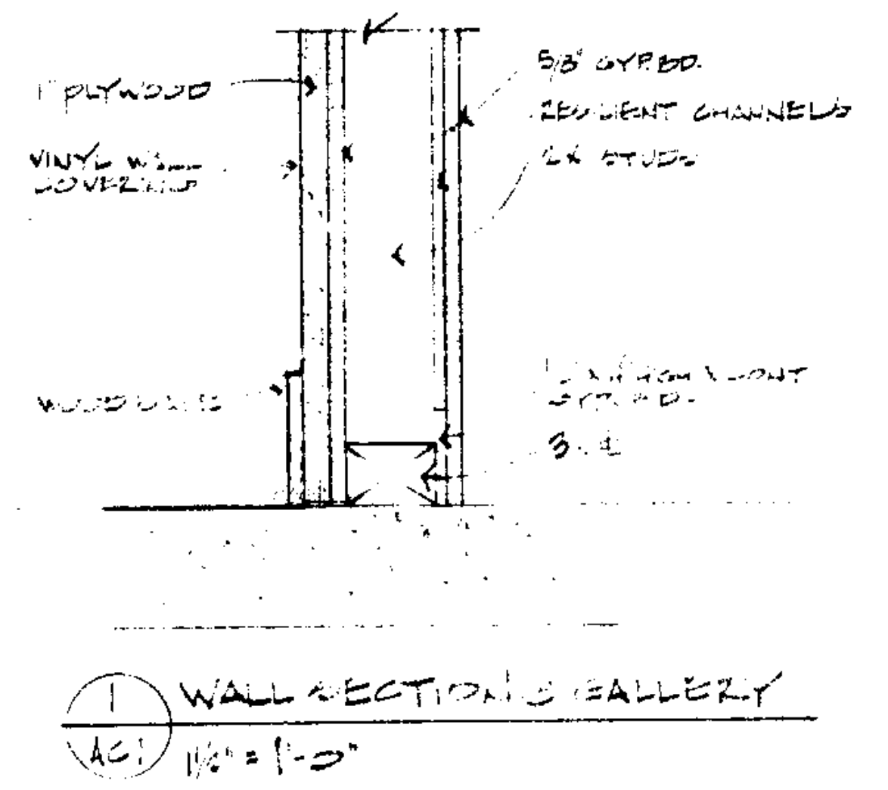
REFLECTED CEILING PLAN 1/8"=1'-0"

POD C

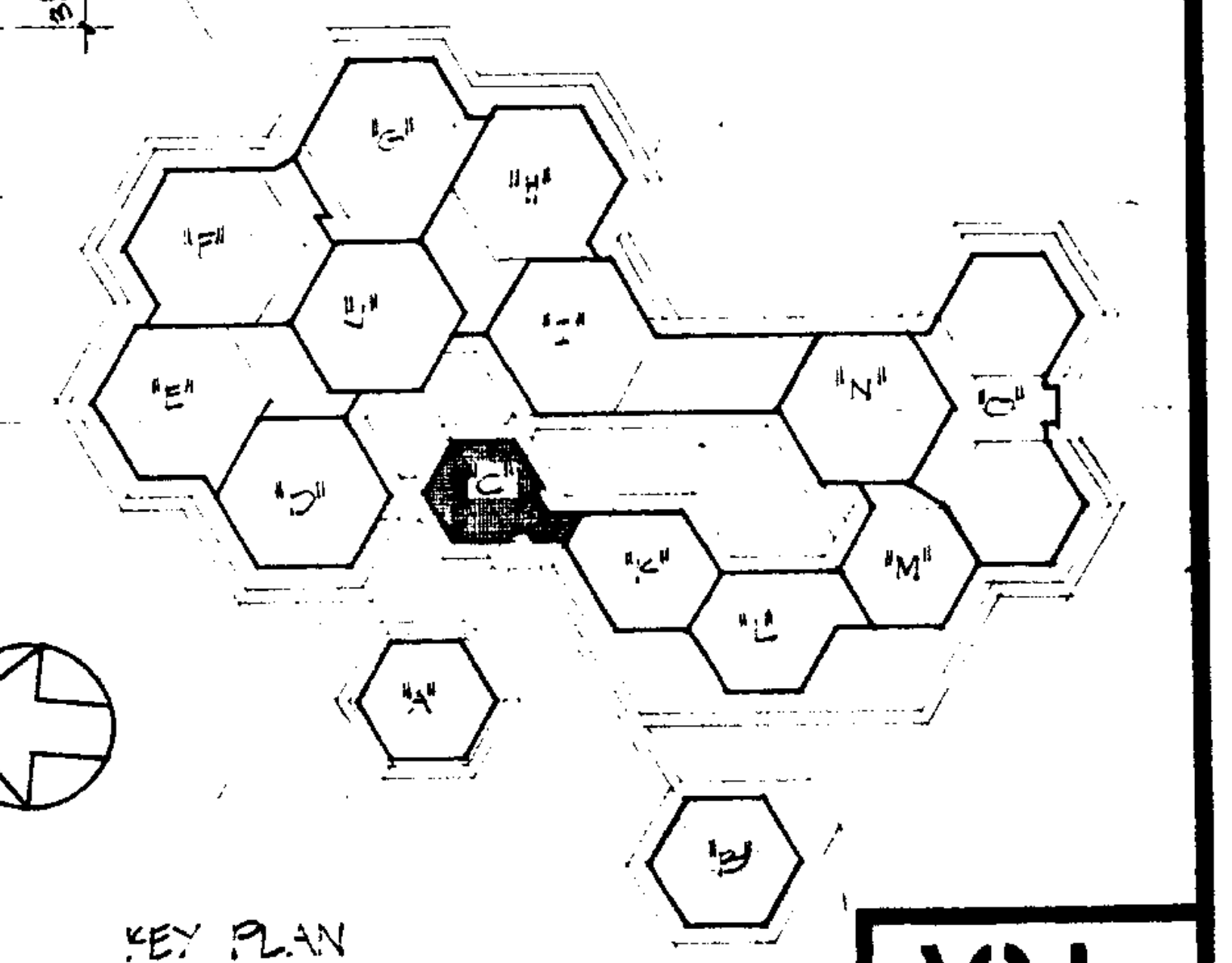
PLANETARIUM



FLOOR PLAN 1/8"=1'-0"



WALL SECTION @ GALLERY 1/2"=1'-0"



KEY PLAN 1"=100'

AC.1a

APPROVED
DATE JAN 28 1966

29 443 APPROVED JAN 13 1966

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL

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POD "C"
FLOOR PLAN
REFLECTED CEILING PLAN
INTERIOR ELEVATIONS

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AC.1

OF 1 SHEETS

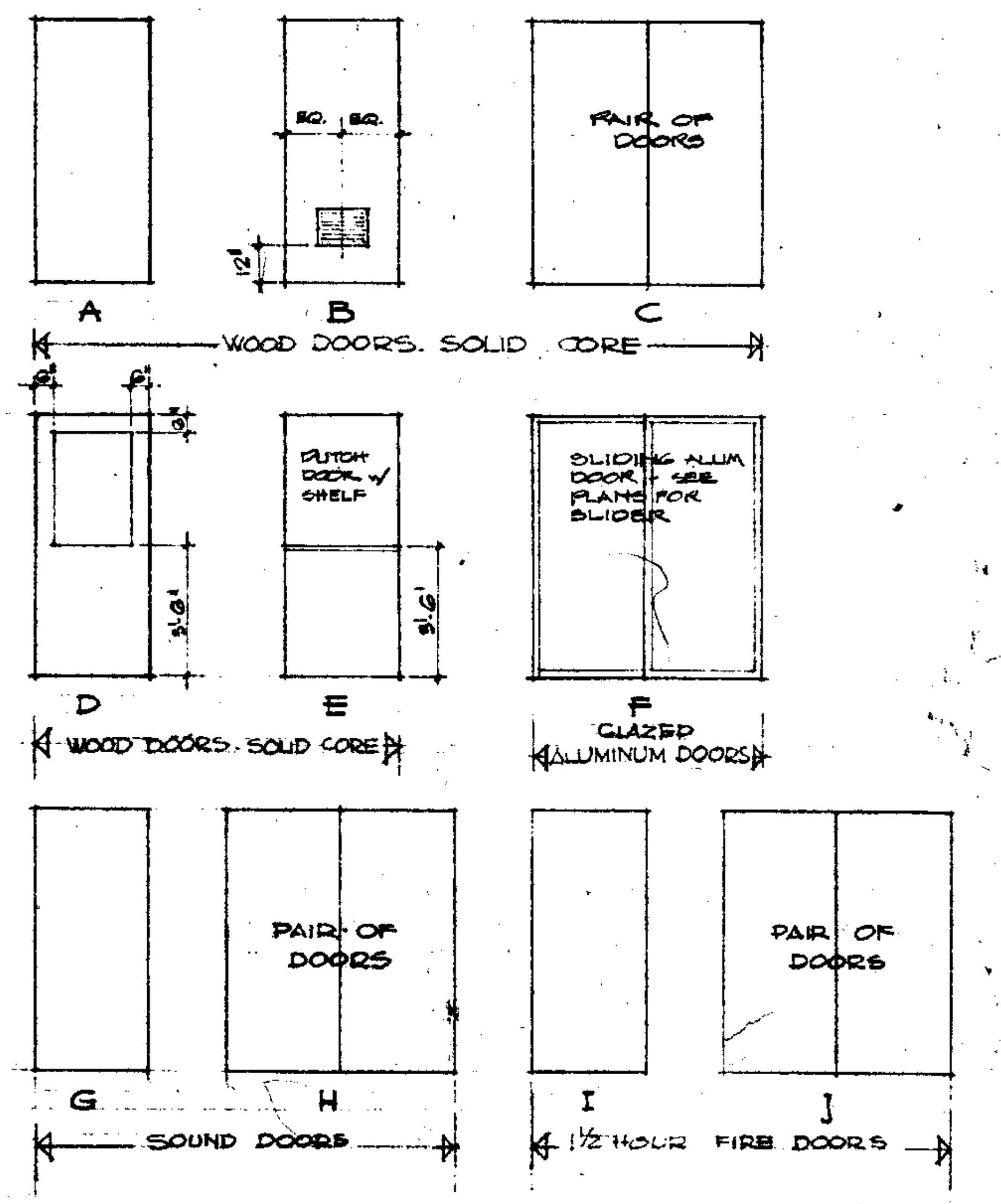
INTERIOR FINISH SCHEDULE - POD C

ROOM NAME	№	FLOOR								BASE				WALLS													CEILING							REMARKS
		CARPET (A)	RESILIENT TILE (B)	CERAMIC TILE (C)	CONCRETE (D)	CONCRETE COLORED (E)	WOOD (F)	POLISHED RESINE TERRAZZO (G)	INDUSTRIAL TERRAZZO (H)	6" WOOD (5½"x½" FINISH) (J)	4" WOOD (3⅝"x½" FINISH) (K)	CONCRETE (L)	COVED POLISHED TERRAZZO (M)	5/8" GYP. BD. PAINTED (N)	TWO LAYERS 5/8" GYP. BD. PAINTED (P)	VINYL WALL FABRIC ON 5/8" GYP. BD. (Q)	VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP. BD. (R)	VINYL WALL FABRIC ON 1/2" GYP. BD + 5/8" GYP. BD. (S)	VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD. (T)	CEMENT PLASTER PAINTED (U)	ACOUSTICAL TILE ON 3/8" GYP. BD. (V)	(W)	GLAZED CERAMIC TILE (X)	LAMITATED PLASTIC ON PARTICLE BD. + 5/8" GYP. BD. (1 OR 2 LAYERS) (Y)	ENAMELED ASBESTOS BD. (Z)	(AA)	CEILING HEIGHT	5/8" GYP. BD. PAINTED (BB)	1/2" GYP. BD. PAINTED (CC)	TEXTURE FINISHED 5/8" GYP. BD. (ACOUSTIC) (DD)	TEXTURE FINISHED 1/2" GYP. BD (ACOUSTIC) (EE)	ACOUSTICAL TILE ON 5/8" GYP. BD (FF)	ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	
TEACHERS' LUNCH	C-1	●									●					●		●	●								8'-7¼"			●				
HALL	C-2	●									●													●			9'-10¼"			●				RECESSED MAT @EXTERIOR DOOR
LIGHT TRAP HALL	C-3	●									●													●			9'-10¼"			●				
RESTROOM - WOMEN	C-4							●					●	●													9'-10¼"	●						
RESTROOM - MEN	C-5							●					●	●													9'-10¼"	●						
BOY'S TOILET	C-6							●					●	●									●				9'-10¼"	●						
GIRL'S TOILET	C-7							●					●	●									●				9'-10¼"	●						
GALLERY	C-8	●								●						●											8'-7¼"			●				1" PLYWOOD BETWEEN VINYL & GYP. BD.
PLANETARIUM	C-9	●									●					●											20'-0"	●						
ELECTRICAL	C-10				●						●			●													8'-7¼"	●						
CLOSET	C-11				●						●			●													8'-7¼"	●						

DOOR SCHEDULE - POD C

№	TYPE	SIZE			GLASS		LOUVER		FRAME	DETAILS				REMARKS	HDW.	U.L. LABEL	№ PL.	NAME PLATE
⬡		W.	HT.	TH.	W.	HT.	W.	HT.		JAMB	JAMB	HEAD	SILL					
C-1	C	8'0"	7'0"	1¾"					M.6⅝"	10/AT2	10/AT2	6/AT2	7/AT2	PAIR OF 4'-0"	9			
C-2	C	6'4"	7'0"	1¾"					M.6⅝"	12/AT2	12/AT2	6/AT2	7/AT2	PAIR OF 3'2" REMOVABLE MULLION	8			
C-3	A	3'0"	7'0"	1¾"					M.6⅝"	10/AT2	24/AT2	6/AT2	7/AT2		2A			
C-4	A	3'6"	7'0"	1¾"					M.6⅝	10/AT3	16/AT3	6/AT2			1A			
C-5	A	3'0"	7'0"	1¾"					M.7⅝	6/AT5	6/AT5	6/AT5	7/AT2		1			
C-6	A	3'0"	7'0"	1¾"					M.6⅝	5/AT5	5/AT5	6/AT2	7/AT2		15			
C-7	A	3'0"	7'0"	1¾"					M.6⅝"	5/AT5	5/AT5	6/AT2	7/AT2		15			
C-8	A	3'0"	7'0"	1¾"					M.5¼	11/AA2	12/AA2	5/AA3	3/AA2		1			
C-9	G	3'0"	7'0"	1¾"					M.9½"	17/AT6	17/AT6	17/AT6		LIGHTPROOF DOOR	14			
C-10	G	3'0"	7'0"	1¾"					M.9¼	12/AT6	12/AT6	12/AT6		LIGHTPROOF DOOR	31			
C-11	B	3'0"	7'0"	1¾"			24"	24"	M.6⅞	20/AT6	20/AT6	20/AT6			16			
C-12	A	3'0"	7'0"	1¾"					M.7⅝"	21/AT6	21/AT6	21/AT4		LIGHTPROOF DOOR	14			
C-13	B	2'4"	7'0"	1¾"			16"	18"	M.6⅞	23/AT6	23/AT6	20/AT6			17			
C-14	B	2'4"	7'0"	1¾"			16"	14"	M.6⅞	23/AT6	23/AT6	29/AT6			17			
C-15	A	3'0"	7'0"	1¾"					M.6⅝"	28/AT4	28/AT4	28/AT2			3			

DOOR TYPES SCALE: ¼" = 1'-0"



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NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

REVISIONS

JOB NUMBER 6605
DESIGNED
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CHECKED
DATE

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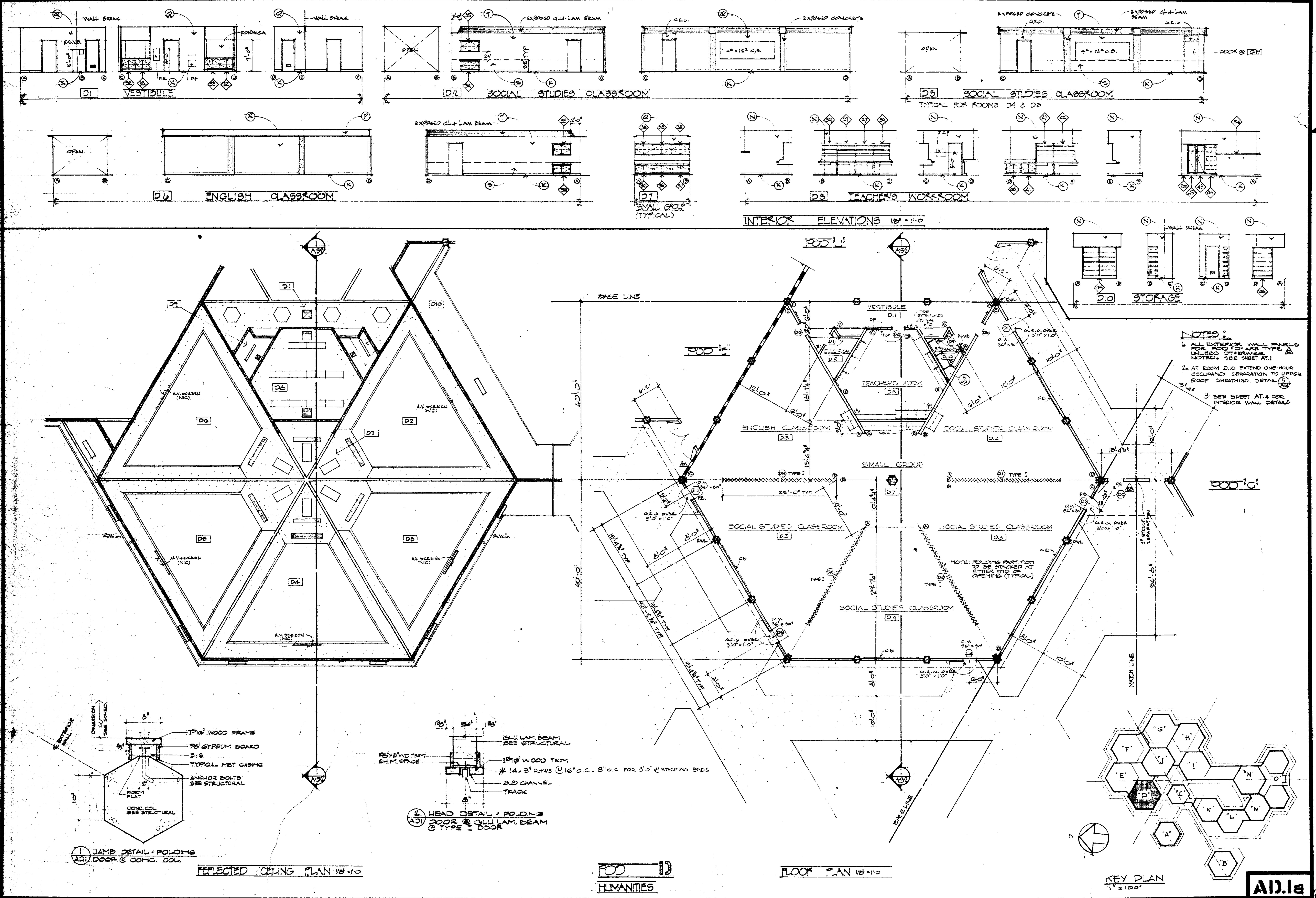
OF SHEETS


WALL BREAK
FORMICA
EXPOSED GLU-LAM BEAM
EXPOSED CONCRETE
G.L.C.
4' x 12' C.B.
DOOR @ D11
OPEN
D1 VESTIBULE
D2 SOCIAL STUDIES CLASSROOM
D3 SOCIAL STUDIES CLASSROOM
TYPICAL FOR ROOMS D4 & D5
D6 ENGLISH CLASSROOM
D7 SMALL GROUP (TYPICAL)
D8 TEACHER'S WORKROOM
D10 STORAGE
INTERIOR ELEVATIONS 1/8" = 1'-0
A.V. SCREEN (NIC)
POD "E"
POD "C"
POD "J"
BASE LINE
MATCH LINE
VESTIBULE D.1
TEACHERS WORK D8
ENGLISH CLASSROOM D6
SOCIAL STUDIES CLASSROOM D2
SMALL GROUP D7
SOCIAL STUDIES CLASSROOM D5
SOCIAL STUDIES CLASSROOM D3
SOCIAL STUDIES CLASSROOM D4
NOTE: FOLDING PARTITION TO BE STACKED AT EITHER END OF OPENING (TYPICAL)
TYPE I
R.W.L.
1⁵⁄₈" WOOD FRAME
⅝" GYPSUM BOARD
3×6
TYPICAL MET CASING
ANCHOR BOLTS SEE STRUCTURAL
FORM FLAT
CONC. COL. SEE STRUCTURAL
GLU LAM BEAM SEE STRUCTURAL
1⁵⁄₈" WOOD TRIM
#14 x 3" R.H.W.S @ 16" O.C., 8" O.C. FOR 3'0" @ STACKING ENDS
SUB CHANNEL
TRACK
SHIM SPACE
"A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K" "L" "M" "N" "O"
N

NOTES:

1. ALL EXTERIOR WALL PANELS FOR POD "D" ARE TYPE Ⓒ UNLESS OTHERWISE NOTED. SEE SHEET AT.1
2. AT ROOM D.10 EXTEND ONE-HOUR OCCUPANCY SEPARATION TO UPPER ROOF SHEATHING. DETAIL 5/AT4
3. SEE SHEET AT-4 FOR INTERIOR WALL DETAILS

1/AD1 JAMB DETAIL - FOLDING DOOR @ CONC. COL.

2/AD1 HEAD DETAIL - FOLDING DOOR @ GLU LAM BEAM @ TYPE I DOOR

REFLECTED CEILING PLAN 1/8" = 1'-0

POD D

HUMANITIES

FLOOR PLAN 1/8" = 1'-0

KEY PLAN 1" = 100'

AD.1a

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 16 1968
BY

STATE OF CALIFORNIA [illegible]
20443 APPROVED JAN 16 1968

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD D
FLOOR PLAN
REFLECTED CEILING PLAN
INTERIOR ELEVATIONS

REVISIONS

JOB NUMBER	6605
DESIGNED	
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DATE	

AD.1

OF 1 SHEETS

INTERIOR FINISH SCHEDULE - POD D

ROOM NAME	Nº	FLOOR CARPET (A)	RESILIENT TILE (B)	CERAMIC TILE (C)	CONCRETE (D)	CONCRETE COLORED (E)	WOOD (F)	POLISHED RESINE TERRAZZO (G)	INDUSTRIAL TERRAZZO (H)	BASE 6" WOOD (5½"x½" FINISH) (J)	4" WOOD (3⅝"x½" FINISH) (K)	CONCRETE (L)	COVED POLISHED TERRAZZO (M)
VESTIBULE	D 1	●									●		
SOCIAL STUDIES CR.	D 2	●									●		
SOCIAL STUDIES CR.	D 3	●									●		
SOCIAL STUDIES CR.	D 4	●									●		
SOCIAL STUDIES CR.	D 5	●									●		
ENGLISH CLASSROOM	D 6	●									●		
SMALL GROUP	D 7	●									●		
TEACHERS WORK	D 8		●								●		
ELECTRICAL	D 9				●						●		
STORAGE	D 10				●						●		

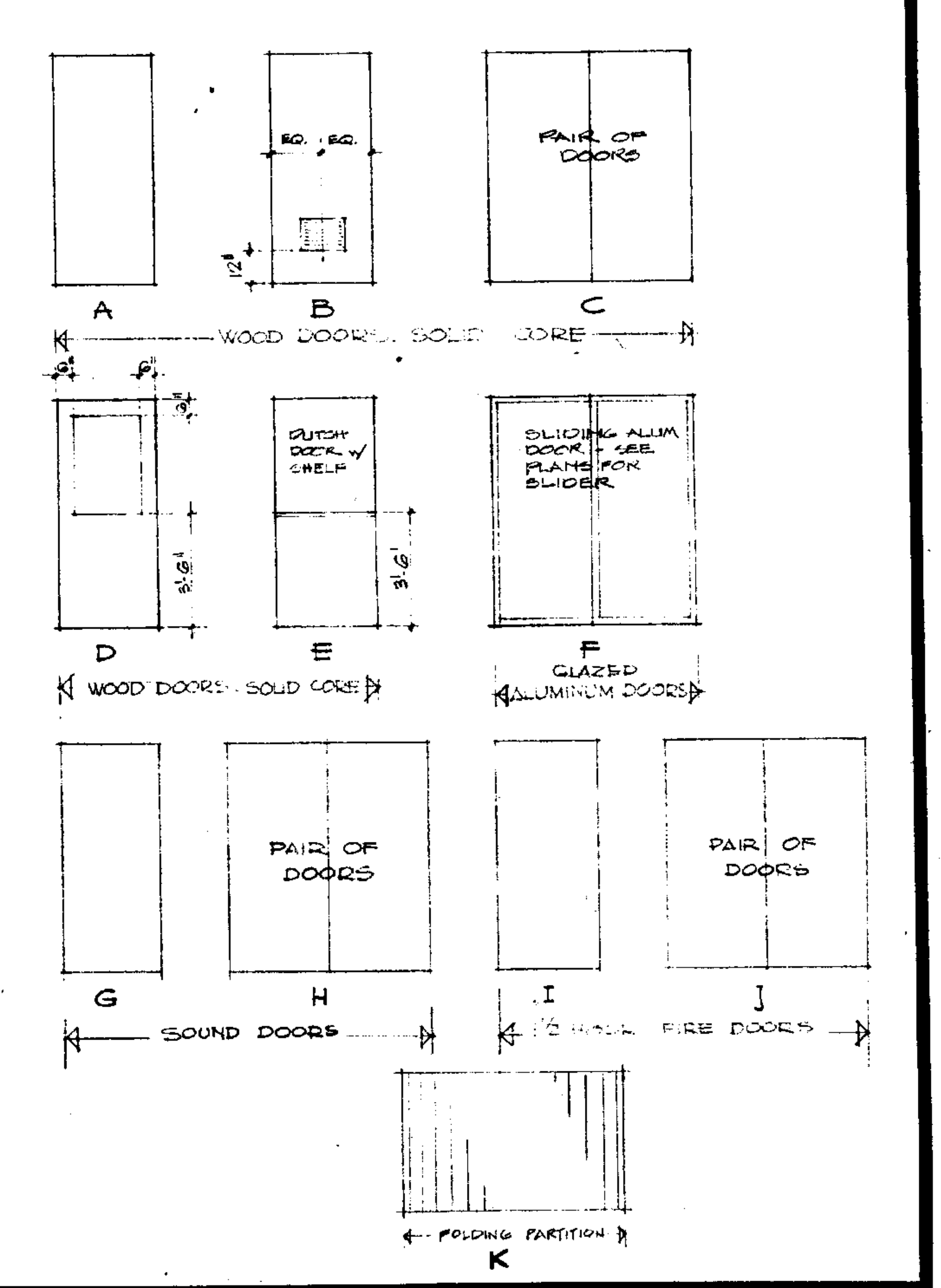
ROOM NAME	Nº	WALLS 5/8" GYP. BD. PAINTED (N)	TWO LAYERS 5/8" GYP. BD. PAINTED (P)	VINYL WALL FABRIC o/ 5/8" GYP. BD. (Q)	VINYL WALL FABRIC ON TWO LAYERS 5/8 GYP BD. (R)	VINYL WALL FABRIC ON 1/2" GYP BD + 5/8" GYP. BD. (S)	VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP BD. (T)	CEMENT PLASTER PAINTED (U)	ACOUSTICAL TILE ON 5/8" GYP. BD. (V)	(W)	GLAZED CERAMIC TILE (X)	LAMITATED PLASTIC ON PARTICLE BD. + 5/8" GYP BD. (1 OR 2 LAYERS) (Y)	ENAMELED ASBESTOS BD ON 5/8" MOISTURE RESIST. GY. BD (Z)	(AA)
VESTIBULE	D 1			●										
SOCIAL STUDIES CR.	D 2			●		●	●							
SOCIAL STUDIES CR.	D 3					●	●							
SOCIAL STUDIES CR.	D 4					●	●							
SOCIAL STUDIES CR.	D 5					●	●							
ENGLISH CLASSROOM	D 6				●									
SMALL GROUP	D 7			●										
TEACHERS WORK	D 8	●	●											
ELECTRICAL	D 9	●												
STORAGE	D 10	●												

ROOM NAME	Nº	CEILING CEILING HEIGHT	5/8" GYP BD. PAINTED (BB)	1/2" GYP. BD. PAINTED (CC)	TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD. (DD)	TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD (EE)	ACOUSTICAL TILE ON 5/8" GYP. BD (FF)	ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	REMARKS
VESTIBULE	D 1	9'-0¼"			●				
SOCIAL STUDIES CR.	D 2	9'-10¼" ~~8'-7¼"~~			●				SEE INTERIOR ELEVATIONS FOR EXTENT OF DIFFERENT WALL FINISHES
SOCIAL STUDIES CR.	D 3	9'-10¼" ~~8'-7¼"~~			●				
SOCIAL STUDIES CR.	D 4	9'-10¼" ~~8'-7¼"~~			●				
SOCIAL STUDIES CR.	D 5	9'-10¼" ~~8'-7¼"~~			●				
ENGLISH CLASSROOM	D 6	9'-10¼" ~~8'-7¼"~~			●				
SMALL GROUP	D 7	8'-7¼"			●				
TEACHERS WORK	D 8	9'-10¼"					●		
ELECTRICAL	D 9	9'-0¼"	●						
STORAGE	D 10	9'-0¼"	●						

DOOR SCHEDULE - POD D

Nº ⬡	TYPE	SIZE W.	SIZE HT.	SIZE TH.	GLASS W.	GLASS HT.	LOUVER W.	LOUVER HT.	FRAME	DETAILS JAMB	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	REMARKS	HDW.	U.L. LABEL	Nº Pl.	NAME PLATE
D 1	A	3'-0"	7'-0"	1¾"					M.6⅛	10/AT2	10/AT2	6/AT2	7/AT2		10			
D 2	A	3'-6"	7'-0"	1¾"					M 6⅝	46/AT3	46/AT3	6/AT2 SIM.			1A			
D 3	A	3'-0"	7'-0"	1¾"					M.6⅜	10/AT2	10/AT2	6/AT2	7/AT2		1B			
D 4	A	3'-0"	7'-0"	1¾"					M.6⅜	10/AT2	10/AT2	6/AT2	7/AT2		10A			
D 5	A	3'-0"	7'-0"	1¾"					M.6⅜	10/AT2	10/AT2	6/AT2	7/AT2		10A			
D 6	A	3'-0"	7'-0"	1¾"					M.6⅛	13/AT4	13/AT4	13/AT4			32			
D 7	B	3'-0"	7'-0"	1¾"			16"	6"	M.6⅛	13/AT4	13/AT4	13/AT4			6			
D 8	A	3'-0"	7'-0"	1¾"					M.6⅛	13/AT4	13/AT4	13/AT4			16			
D 9	B	3'-0"	7'-0"	1¾"			16"	6"	M.6⅛	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	6			
D 10	A	3'-0"	7'-0"	1¾"					M.6⅛	13/AT4	13/AT4	13/AT4			32			
D 11	K	25'-0"	8'-5"						WD.	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				
D 12	K	25'-0"	8'-5"						WD.	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				
D 13	K	25'-0"	8'-5"						WD.	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				
D 14	K	25'-0"	8'-5"						WD.	1/AD1		2/AD1		FOLDING PARTITION - TYPE I				
D 15	A	3'-6"	7'-0"	1¾"					M.6⅜	10/AT2	10/AT2	10/AT2	7/AT2		1B			

DOOR TYPES SCALE: ¼"=1'-0"



KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AD.1a
OF SHEETS

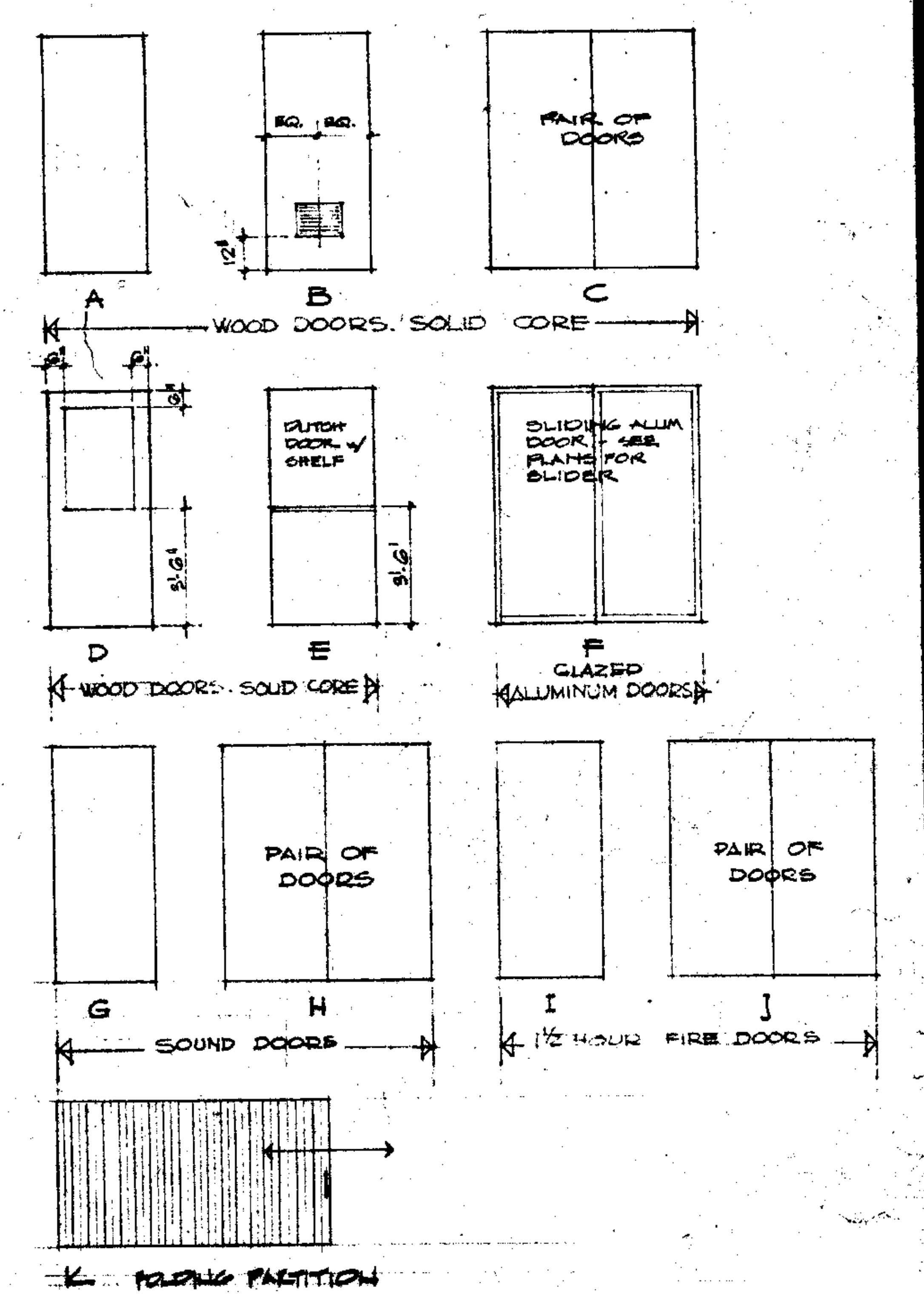
INTERIOR FINISH SCHEDULE - POD E

ROOM NAME	Nº	FLOOR: CARPET (A)	RESILIENT TILE (B)	CERAMIC TILE (C)	CONCRETE (D)	CONCRETE COLORED (E)	WOOD (F)	POLISHED RESINE TERRAZZO (G)	INDUSTRIAL TERRAZZO (H)	BASE: 6" WOOD (5½"x½" FINISH) (J)	4" WOOD (3⅝"x½" FINISH) (K)	CONCRETE (L)	COVED POLISHED TERRAZZO (M)	WALLS: 5/8" GYP. BD. PAINTED (N)	TWO LAYERS 5/8" GYP. BD. PAINTED (P)	VINYL WALL FABRIC O/ 5/8" GYP. BD. (Q)	VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP. BD. (R)	VINYL WALL FABRIC ON 1/2" GYP. BD + 5/8" GYP. BD. (S)	VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD. (T)	CEMENT PLASTER PAINTED (U)	ACOUSTICAL TILE ON 5/8" GYP. BD. (V)	(W)	GLAZED CERAMIC TILE (X)	LAMINATED PLASTIC ON PARTICLE BD. + 5/8" GYP. BD. (1 OR 2 LAYERS) (Y)	ENAMELED ASBESTOS BD. ON 5/8" MOISTURE RESIST. GY. BD (Z)	(AA)	CEILING: CEILING HEIGHT	5/8" GYP. BD. PAINTED (BB)	1/2" GYP. BD. PAINTED (CC)	TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD. (DD)	TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD (EE)	ACOUSTICAL TILE ON 5/8" GYP. BD (FF)	ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	REMARKS
STORAGE	E 1				●						●			●													9'-10¼"	●						
ENGLISH CLASSROOM	E 2	●									●					●	●	●	●								~~9'-10¼"~~ 8'-7¼"			●				SEE INTERIOR ELEVATIONS FOR EXTENT OF DIFFERENT WALL FINISHES
ENGLISH CLASSROOM	E 3	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
ENGLISH CLASSROOM	E 4	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
ENGLISH CLASSROOM	E 5	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
ENGLISH CLASSROOM	E 6	●									●					●	●	●	●								~~9'-10¼"~~ 8'-7¼"			●				
SMALL GROUP	E 7	●									●					●											8'-7¼"			●				
TEACHER'S WORK	E 8		●								●			●													9'-10¼"					●		
STORAGE	E 9				●						●			●													9'-10¼"	●						
JANITOR	E 10				●						●			●													9'-10¼"	●						

DOOR SCHEDULE - POD E

Nº	TYPE	SIZE W.	SIZE HT.	SIZE TH.	GLASS W.	GLASS HT.	LOUVER W.	LOUVER HT.	FRAME	DETAILS JAMB	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	REMARKS	HDW.	U.L. LABEL	Nº [illegible]	NAME PLATE
														NOT USED				
E2	C	6'-4"	7'-0"	1¾"					M.6⅝	21/AT2	18/AT2	6/AT2	7/AT2	PAIR OF 3'-2" REMOVABLE MULLION	8			
E3	A	3'-0"	7'-0"	1¾"					M.6⅝	10/AT2	10/AT2	6/AT2	7/AT2		10A			
E4	A	3'-0"	7'-0"	1¾"					M.6⅝	10/AT2	10/AT2	6/AT2	7/AT2		10A			
E5	A	3'-0"	7'-0"	1¾"					M.6⅝	10/AT2	10/AT2	6/AT2	7/AT2		1B			
E6	I	3'-6"	7'-0"	1¾"					M.9¼	15/AT4	15/AT4	15/AT4		LABELED FRAME	20A	1½ HR		
E7	B	3'-0"	7'-0"	1¾"			12"	6"	M.6⅝	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	6			
E8	I	3'-0"	7'-0"	1¾"					M.9¼	15/AT4	15/AT4	15/AT4		LABELED FRAME	20	1½ HR		
E9	I	3'-6"	7'-0"	1¾"					M.9¼	15/AT4	15/AT4	15/AT4		LABELED FRAME	20A	1½ HR		
E10	B	3'-0"	7'-0"	1¾"			12"	6"	M.6⅝	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	6			
E11	B	3'-0"	7'-0"	1¾"			12"	6"	M.6⅝	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	6			
E12	K	25'-0"	8'-0"						WD	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				
E13	K	25'-0"	8'-6"						WD	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				
E14	K	25'-0"	8'-0"						WD	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				
E15	K	25'-0"	8'-0"						WD	1/AD1		2/AD1		FOLDING PARTITION. TYPE I				

DOOR TYPES SCALE: ¼" = 1'-0"



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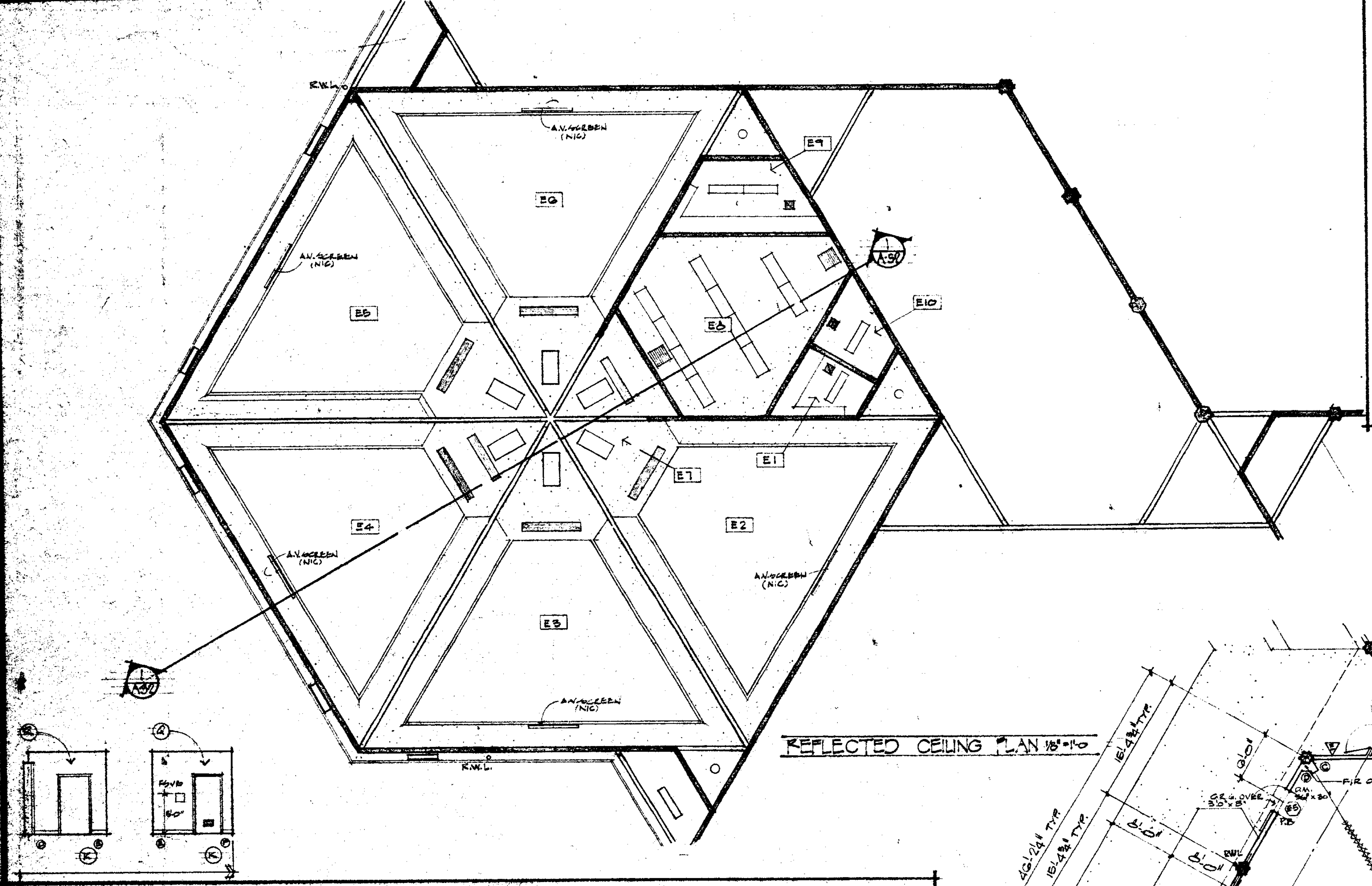
SAN JOSE, CALIFORNIA • TELEPHONE 287-3078

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

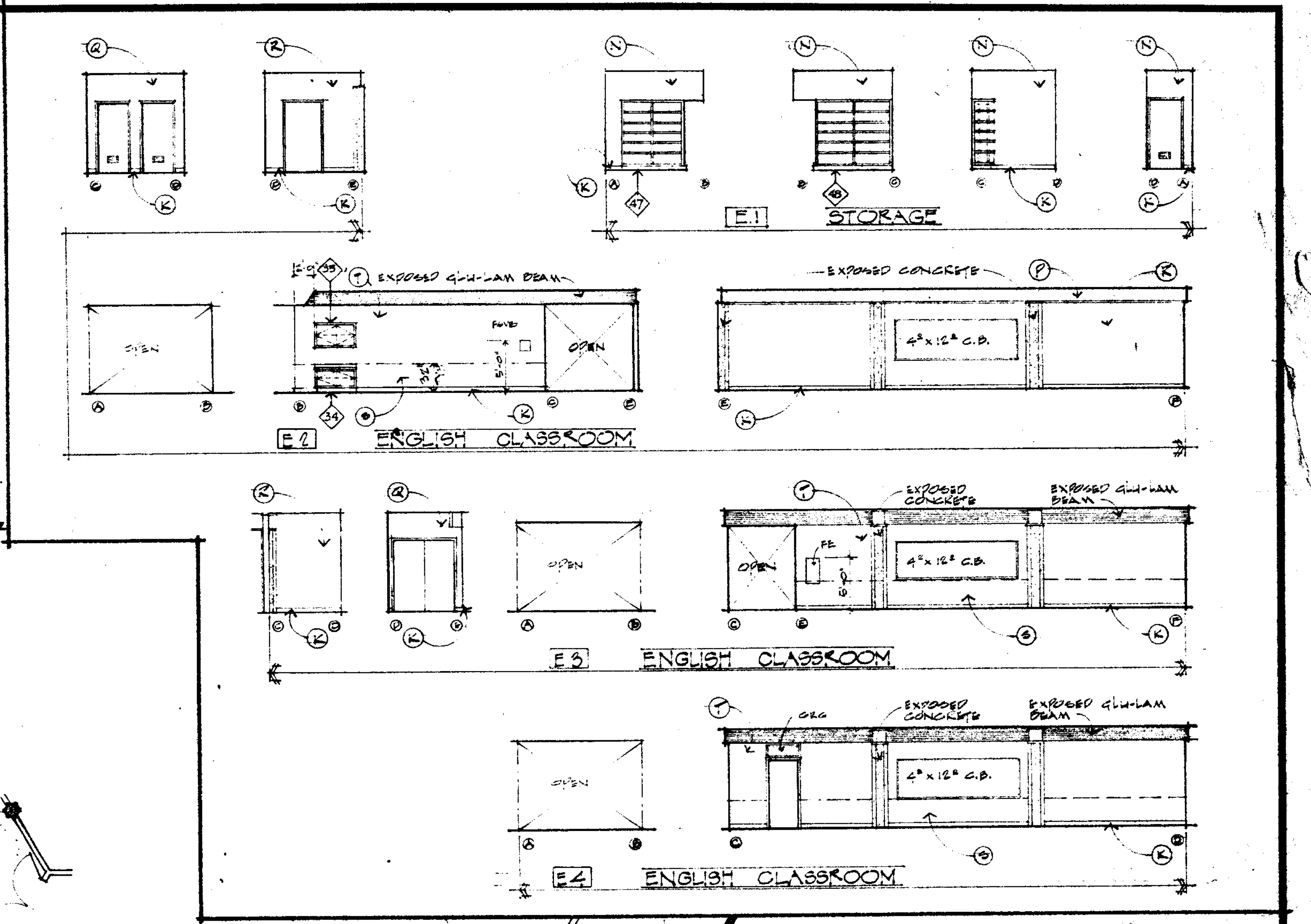
REVISIONS

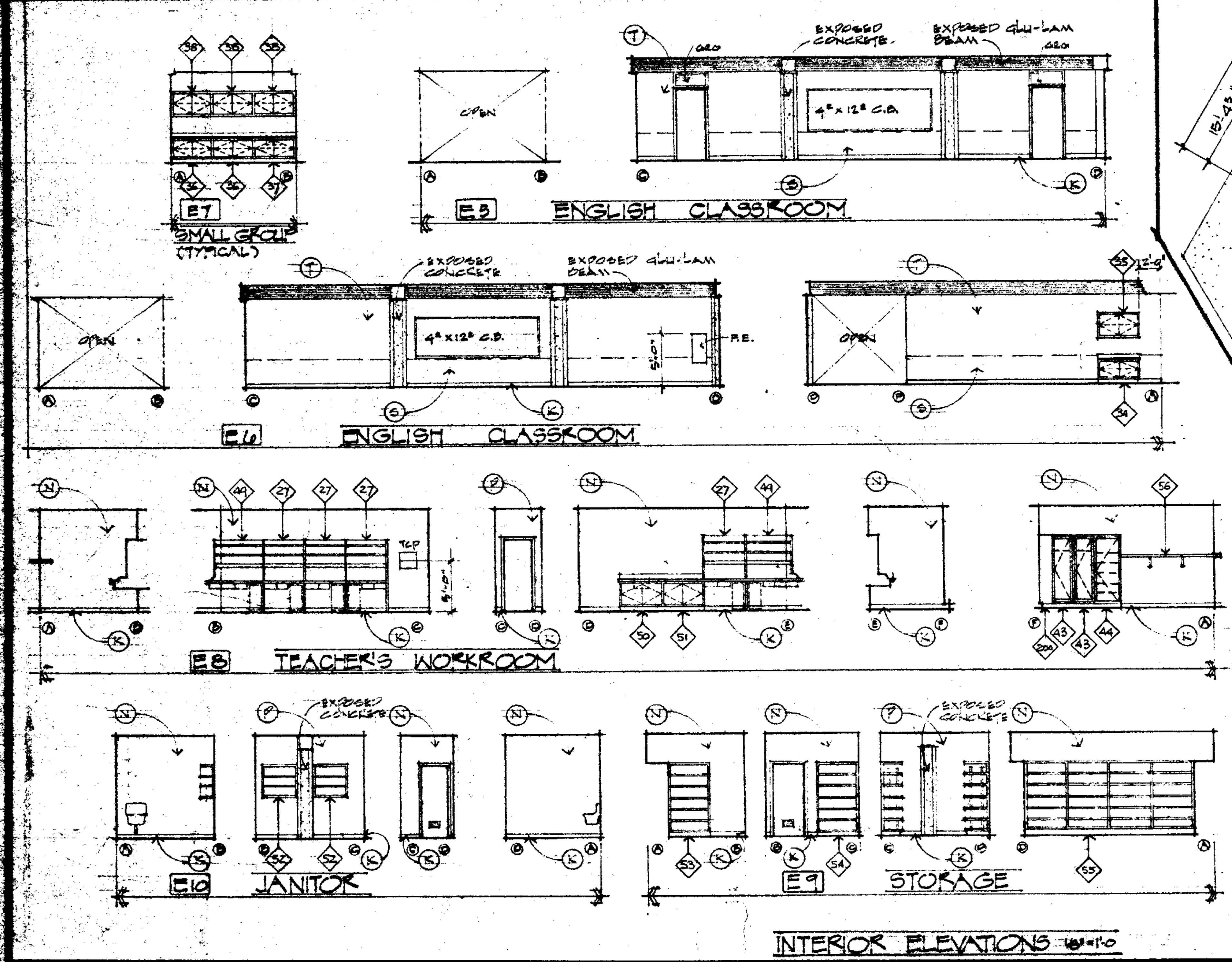
JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AE.1a
OF SHEETS

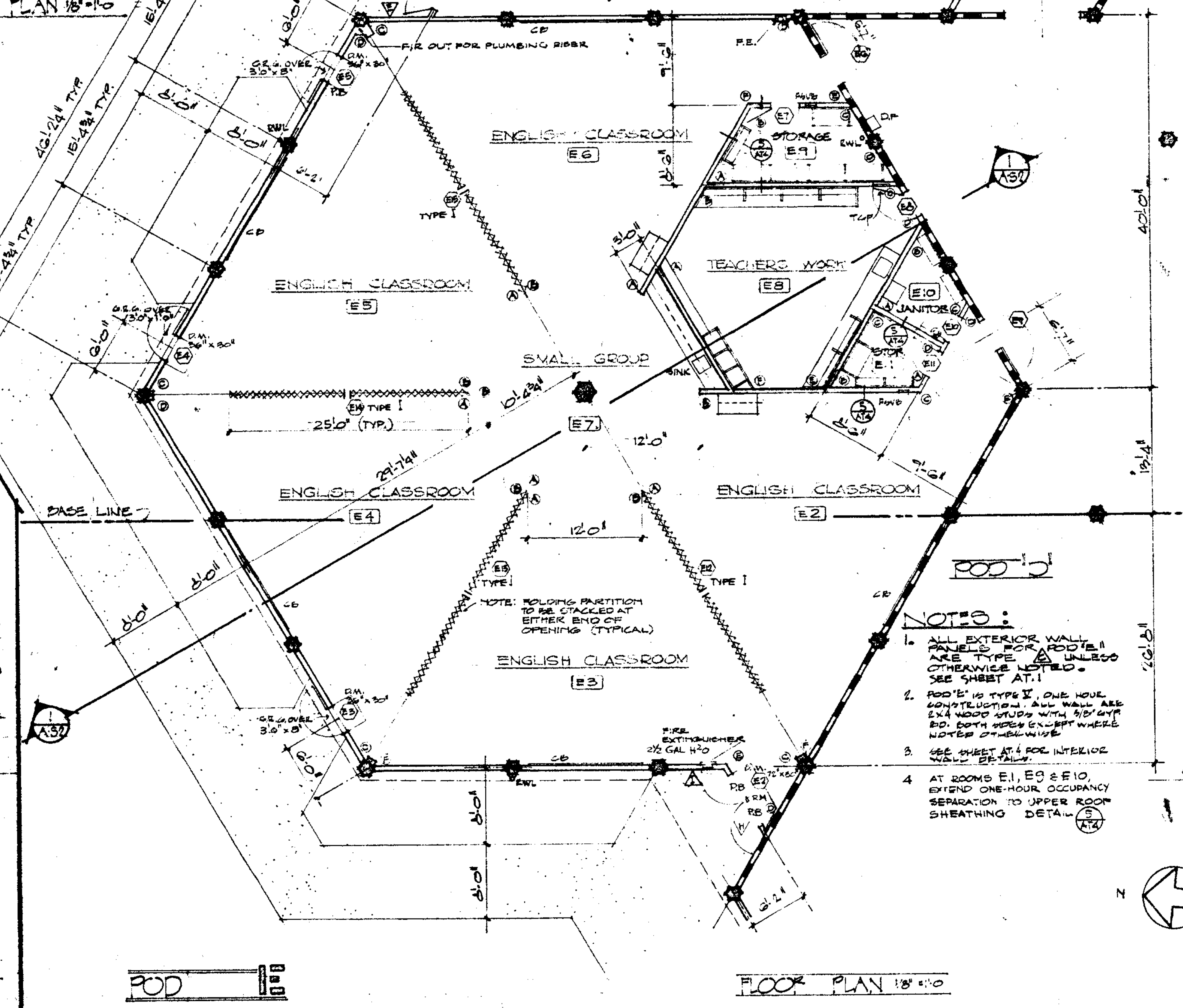


REFLECTED CEILING PLAN 1/8"=1'-0





INTERIOR ELEVATIONS 1/8"=1'-0



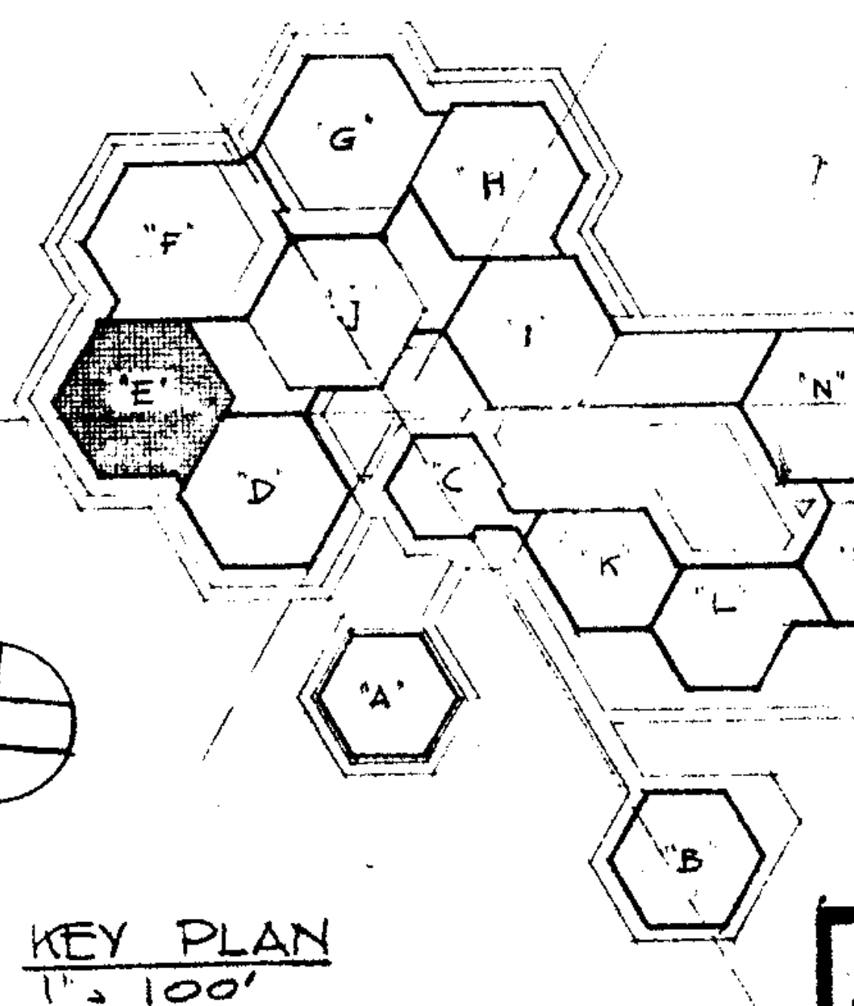
NOTES :

1. ALL EXTERIOR WALL PANELS FOR POD "E" ARE TYPE Ⓔ UNLESS OTHERWISE NOTED. SEE SHEET AT.1
2. POD "E" IS TYPE V, ONE HOUR CONSTRUCTION. ALL WALL ARE 2x4 WOOD STUDS WITH 5/8" GYP BD. BOTH SIDES EXCEPT WHERE NOTED OTHERWISE
3. SEE SHEET AT.4 FOR INTERIOR WALL DETAILS.
4. AT ROOMS E.1, E9 & E10, EXTEND ONE-HOUR OCCUPANCY SEPARATION TO UPPER ROOF SHEATHING DETAIL 5/AT4

POD E

HUMANITIES

FLOOR PLAN 1/8"=1'-0



KEY PLAN
1"=100'

AE.1a

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 16 1968
BY

STATE OF CALIFORNIA – DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
BY

ARCHITECT:
BY Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER
DON JENSEN • ASSOCIATES
AIA
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

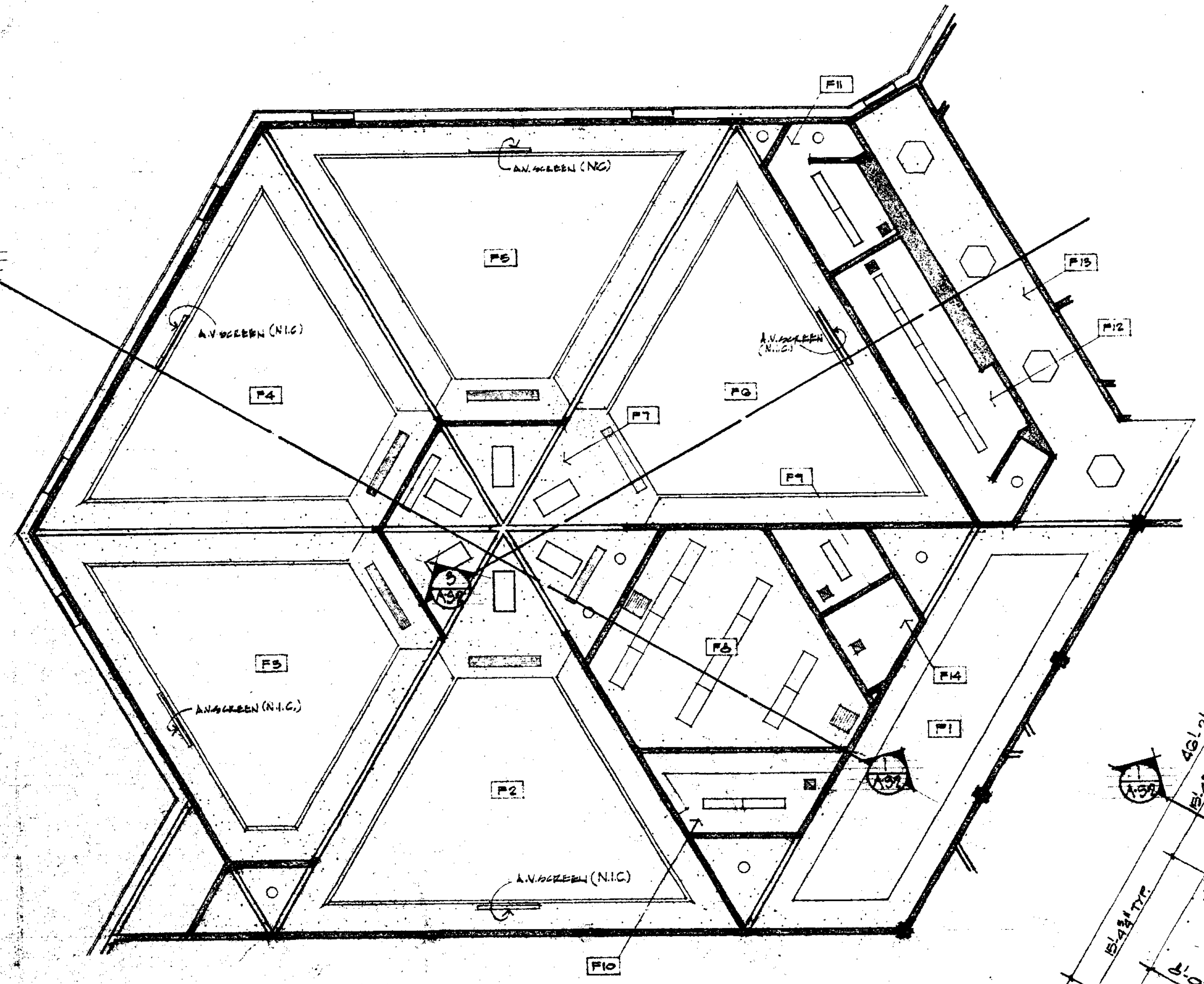
POD E
FLOOR PLAN
REFLECTED CEILING PLAN
INTERIOR ELEVATIONS

REVISIONS

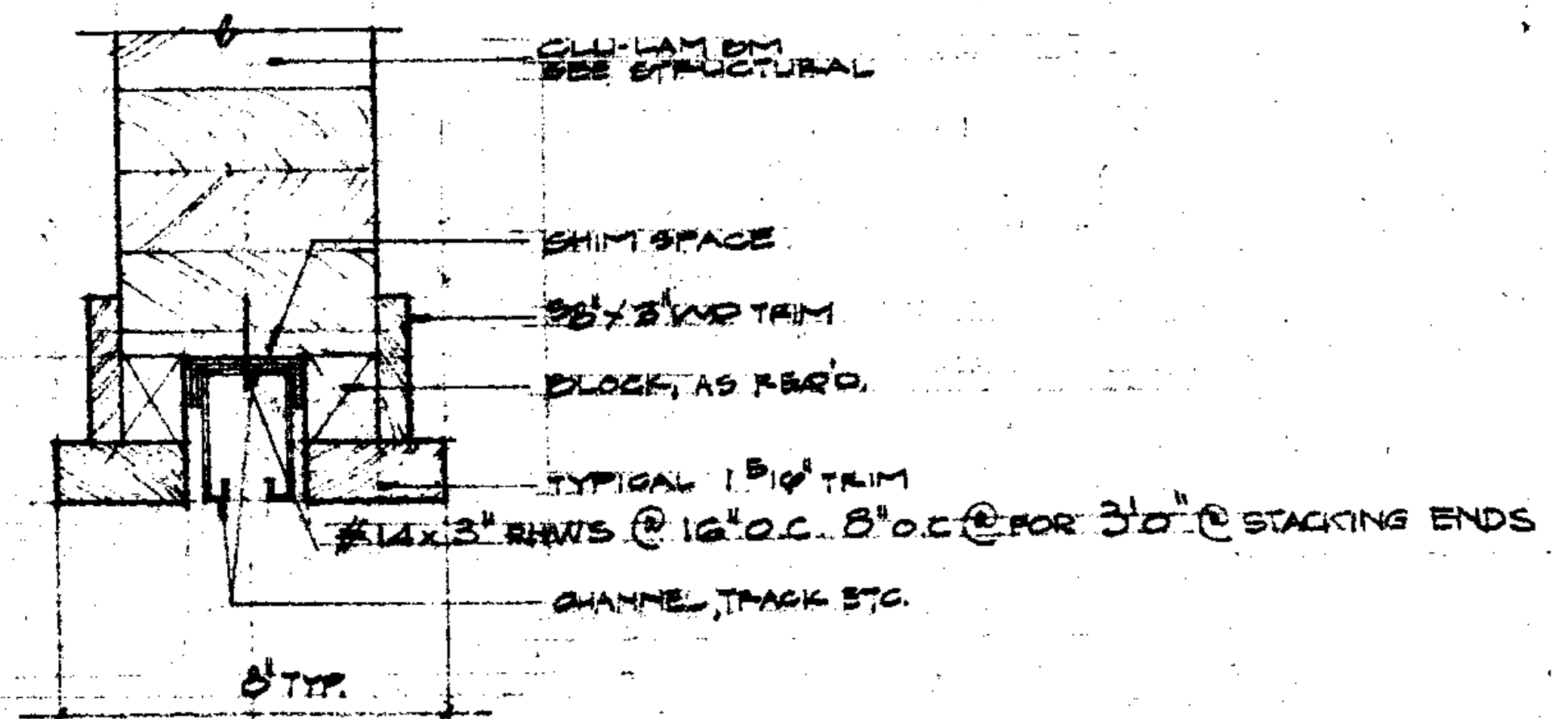
JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AE.1

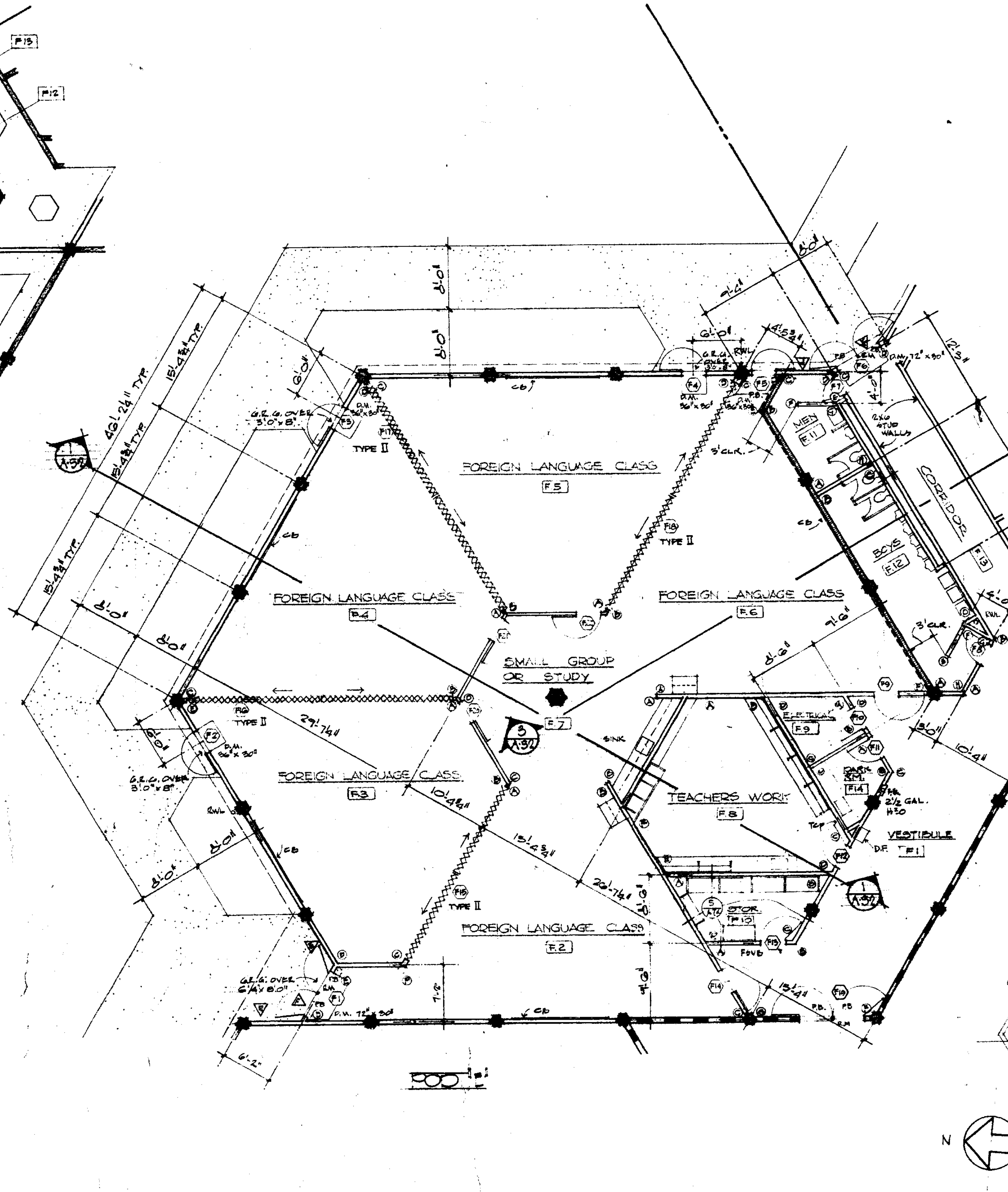
OF 1 SHEETS



REFLECTED CEILING PLAN 1/8"=1'-0



1/AF-1 HEAD DETAIL • FOLDING DOOR @ GLU-LAM BEAM • TYPE II DR 3"=1'-0"



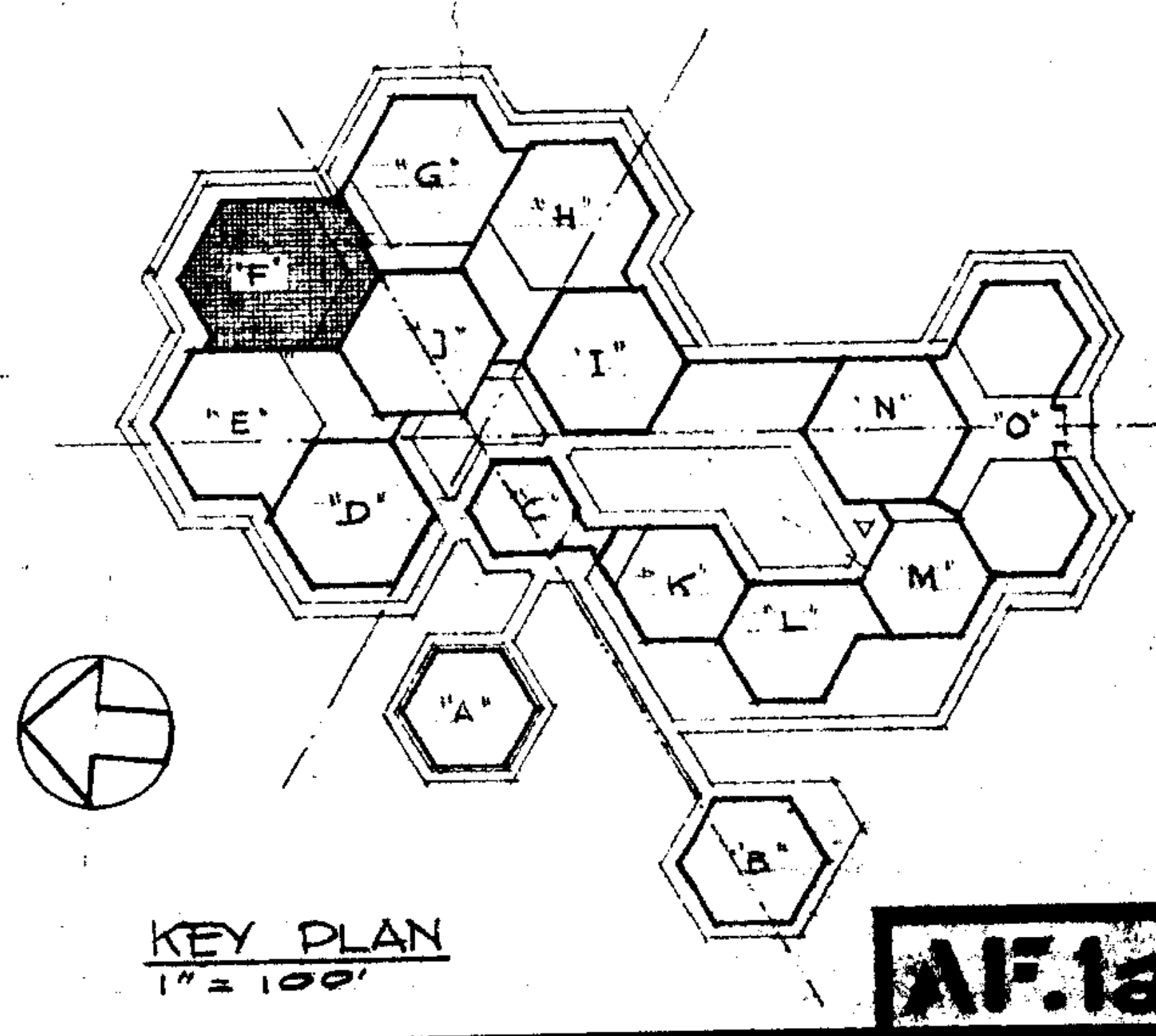
POD 'J'

POD F FLOOR PLAN 1/8"=1'-0

HUMANITIES - FOREIGN LANGUAGE

NOTES:

1. ALL EXTERIOR WALL PANELS FOR POD 'F' ARE TYPE △ UNLESS OTHERWISE NOTED. SEE SHEET AT.1
2. POD 'F' IS OF TYPE V, ONE HOUR CONSTRUCTION. ALL WALLS ARE 2x4 WOOD STUDS WITH 5/8" GYP. BD. BOTH SIDES EXCEPT WHERE OTHERWISE NOTED.
3. SEE SHEET AT.4 FOR INTERIOR WALL DETAILS.
4. AT ROOM F10, EXTEND ONE-HOUR OCCUPANCY SEPARATION TO UPPER ROOF SHEATHING - DETAIL 5/A-3



KEY PLAN
1"=100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 1 1969
BY

STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29449 APPROVED JAN 16 1969

ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD F
FLOOR PLAN
REFLECTED CEILING PLAN

REVISIONS

JOB NUMBER 6603
DESIGNED
DRAWN
CHECKED
DATE

AF.1a

AF.1
OF 2 SHEETS

INTERIOR FINISH SCHEDULE - POD F

ROOM NAME	Nº	FLOOR: CARPET (A)	FLOOR: RESILIENT TILE (B)	FLOOR: CERAMIC TILE (C)	FLOOR: CONCRETE (D)	FLOOR: CONCRETE COLORED (E)	FLOOR: WOOD (F)	FLOOR: POLISHED RESINE TERRAZZO (G)	FLOOR: INDUSTRIAL TERRAZZO (H)	BASE: 6" WOOD (5½"x½" FINISH) (J)	BASE: 4" WOOD (3⅝"x½" FINISH) (K)	BASE: CONCRETE (L)	BASE: COVED POLISHED TERRAZZO (M)
VESTIBULE	F 1	●									●		
FOREIGN LANGUAGE CLASS	F 2	●									●		
FOREIGN LANGUAGE CLASS	F 3	●									●		
FOREIGN LANGUAGE CLASS	F 4	●									●		
FOREIGN LANGUAGE CLASS	F 5	●									●		
FOREIGN LANGUAGE CLASS	F 6	●									●		
SMALL GROUP OR STUDY	F 7	●									●		
TEACHER'S WORK	F 8	●									●		
ELECTRICAL	F 9				●						●		
STORAGE	F10				●						●		
MEN	F11							●					●
BOYS	F12							●					●
CORRIDOR	F13	●									●		
DARK ROOM	F14		●								●		

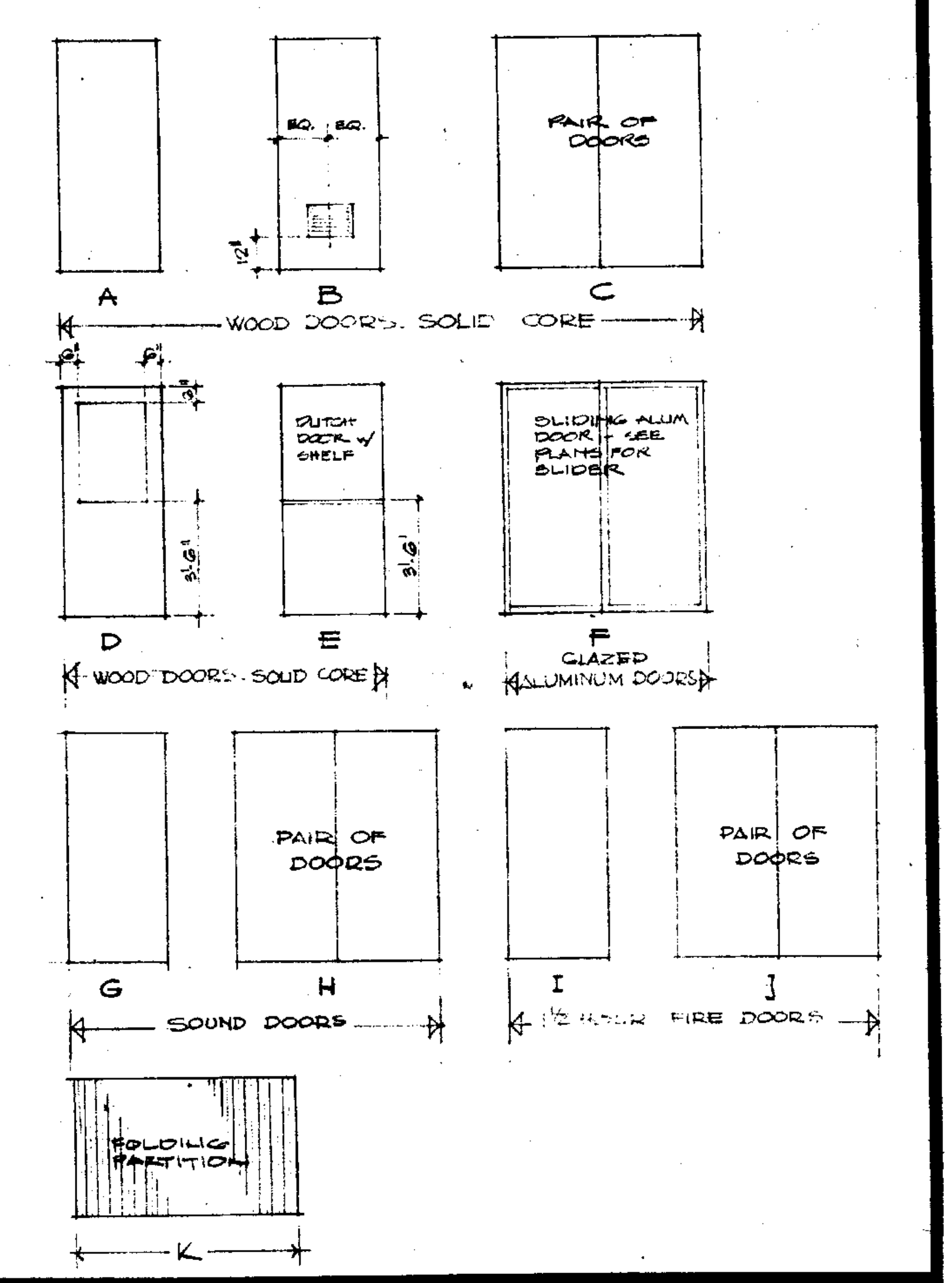
ROOM NAME	Nº	WALLS: 5/8" GYP. BD. PAINTED (N)	WALLS: TWO LAYERS 5/8" GYP. BD. PAINTED (P)	WALLS: VINYL WALL FABRIC ON 5/8" GYP. BD. (Q)	WALLS: VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP. BD. (R)	WALLS: VINYL WALL FABRIC ON 1/2" GYP. BD + 5/8" GYP. BD. (S)	WALLS: VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD. (T)	WALLS: CEMENT PLASTER PAINTED (U)	WALLS: ACOUSTICAL TILE ON 5/8" GYP. BD. (V)	(W)	WALLS: GLAZED CERAMIC TILE (X)	WALLS: LAMITATED PLASTIC ON PARTICLE BD. + 5/8" GYP. BD. (1 OR 2 LAYERS) (Y)	WALLS: ENAMELED ASBESTOS BD. ON 5/8" MOISTURE RESIST GY. BD (Z)	(AA)
VESTIBULE	F 1		●									●		
FOREIGN LANGUAGE CLASS	F 2			●		●	●							
FOREIGN LANGUAGE CLASS	F 3					●	●							
FOREIGN LANGUAGE CLASS	F 4					●	●							
FOREIGN LANGUAGE CLASS	F 5					●	●							
FOREIGN LANGUAGE CLASS	F 6					●	●							
SMALL GROUP OR STUDY	F 7			●										
TEACHER'S WORK	F 8			●										
ELECTRICAL	F 9	●												
STORAGE	F10	●												
MEN	F11	●												
BOYS	F12	●									●			
CORRIDOR	F13											●		
DARK ROOM	F14	●												

ROOM NAME	Nº	CEILING HEIGHT	CEILING: 5/8" GYP BD. PAINTED (BB)	CEILING: 1/2" GYP. BD. PAINTED (CC)	CEILING: TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD. (DD)	CEILING: TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD (EE)	CEILING: ACOUSTICAL TILE ON 5/8" GYP. BD (FF)	CEILING: ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	REMARKS
VESTIBULE	F 1	9'-10¼" 8'-7¼"			●				
FOREIGN LANGUAGE CLASS	F 2	9'-10¼" 8'-7¼"			●				SEE INTERIOR ELEVATIONS FOR EXTENT OF DIFFERENT WALL FINISHES
FOREIGN LANGUAGE CLASS	F 3	9'-10¼" 8'-7¼"			●				
FOREIGN LANGUAGE CLASS	F 4	9'-10¼" 8'-7¼"			●				
FOREIGN LANGUAGE CLASS	F 5	9'-10¼" 8'-7¼"			●				
FOREIGN LANGUAGE CLASS	F 6	9'-10¼" 8'-7¼"			●				
SMALL GROUP OR STUDY	F 7	8'-7¼"			●				
TEACHER'S WORK	F 8	9'-10¼"					●		
ELECTRICAL	F 9	9'-10¼"	●						
STORAGE	F10	9'-10¼"	●						
MEN	F11	9'-10¼"							
BOYS	F12	9'-10¼"	●						
CORRIDOR	F13	8'-7¼"			●				
DARK ROOM	F14	9'-10¼"			●				

DOOR SCHEDULE - POD F

Nº	TYPE	SIZE W.	SIZE HT.	SIZE TH.	GLASS W.	GLASS HT.	LOUVER W.	LOUVER HT.	FRAME	DETAILS JAMB	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	REMARKS	HDW.	U.L. LABEL	Nº PL.	NAME PLATE
F 1	C	6'-4"	7'-0"	1¾"					M.6⅞	12/AT2	12/AT2	6/AT2	7/AT2		8			
F 2	A	3'-0"	7'-0"	1¾"					M.6⅞	10/AT2	10/AT2	6/AT2	7/AT2		10A			
F 3	A	3'-0"	7'-0"	1¾"					M.6⅞	10/AT2	10/AT2	6/AT2	7/AT2		10A			
F4	A	3'-0"	7'-0"	1¾"					M.6⅞	10/AT2	10/AT2	6/AT2	7/AT2		10A			
F5	A	3'-0"	7'-0"	1¾"					M.6⅞	10/AT2	24/AT2	6/AT2	7/AT2		1B			
F6	C	6'-4	7'-0	1¾"					M.6⅞	23/AT2	23/AT2	6/AT2	7/AT2		8			
F7	B	2'-6"	7'-0	1¾"			18"	12"	M.8¾	22/AT-4	22/AT-4	22/AT-4			17			
F8	B	3'-0	7'-0	1¾"			24"	18"	M.6⅞"	23/AT-4	23/AT-4	22/AT-4			17			
F9	A	3'-0"	7'-0"	1¾"					M.7⅜"	24/AT-4	24/AT-4	24/AT-4			32			
F10	B	3'-0	7'-0	1¾"			12"	6"	M.6⅞"	20/AT-4	20/AT-4	20/A			4			
F11	A	3'-0"	7'-0"	1¾"					M.6⅞	20/AT-4	20/AT-4	20/AT-4		LIGHTPROOF DOOR	21			
F12	A	3'-0"	7'-0"	1¾"					M.6⅞	20/AT-4	20/AT-4	20/AT-4			16			
F13	B	3'-0"	7'-0"	1¾"			12"	6"	M.6⅞	20/AT-4	20/AT-4	20/AT-4		FUSIBLE LINK LOUVER	6			
F14	A	3'-0"	7'-0"	1¾"					M-7⅜"	24/AT-4	24/AT-4	24/AT-4			32			
F15	K	25'-6"	8'-5"						WD.	2/AB-1 SIM	2/AB-1 SIM	1/AF-1		FOLDING PARTITIONS CHECK DIMENSION @ JOB TYPE II				
F16	K	32'-0"	8'-5"						WD.	1/AD-1	2/AB-1 SIM	1/AF-1		TYPE II				
F17	K	32'-0"	8'-5"						WD.	1/AD-1	2/AB-1 SIM	1/AF-1		TYPE II				
F18	K	32'-0"	8'-5"						WD	1/AD-1	2/AB-1 SIM	1/AF-1		TYPE II				
F19	J	8'-0"	7'-0"	1¾					M10"	25/AT-4	25/AT-4	25/AT-4		PAIR OF 4'-0" LABELED FRAME	29	1½ HR		
F20	A	3'-0"	7'-0"	1¾"					M.6⅛"	13/AT4	13/AT4	13/AT4			33			
F21	A	3'-0"	7'-0"	1¾"					M.6⅛	13/AT4	13/AT4	13/AT4			33			
F22	A	3'-0"	7'-0"	1¾"					M.6⅛	13/AT4	13/AT4	13/AT4			33			

DOOR TYPES SCALE: 1/4" = 1'-0"



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SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

REVISIONS

JOB NUMBER 6605
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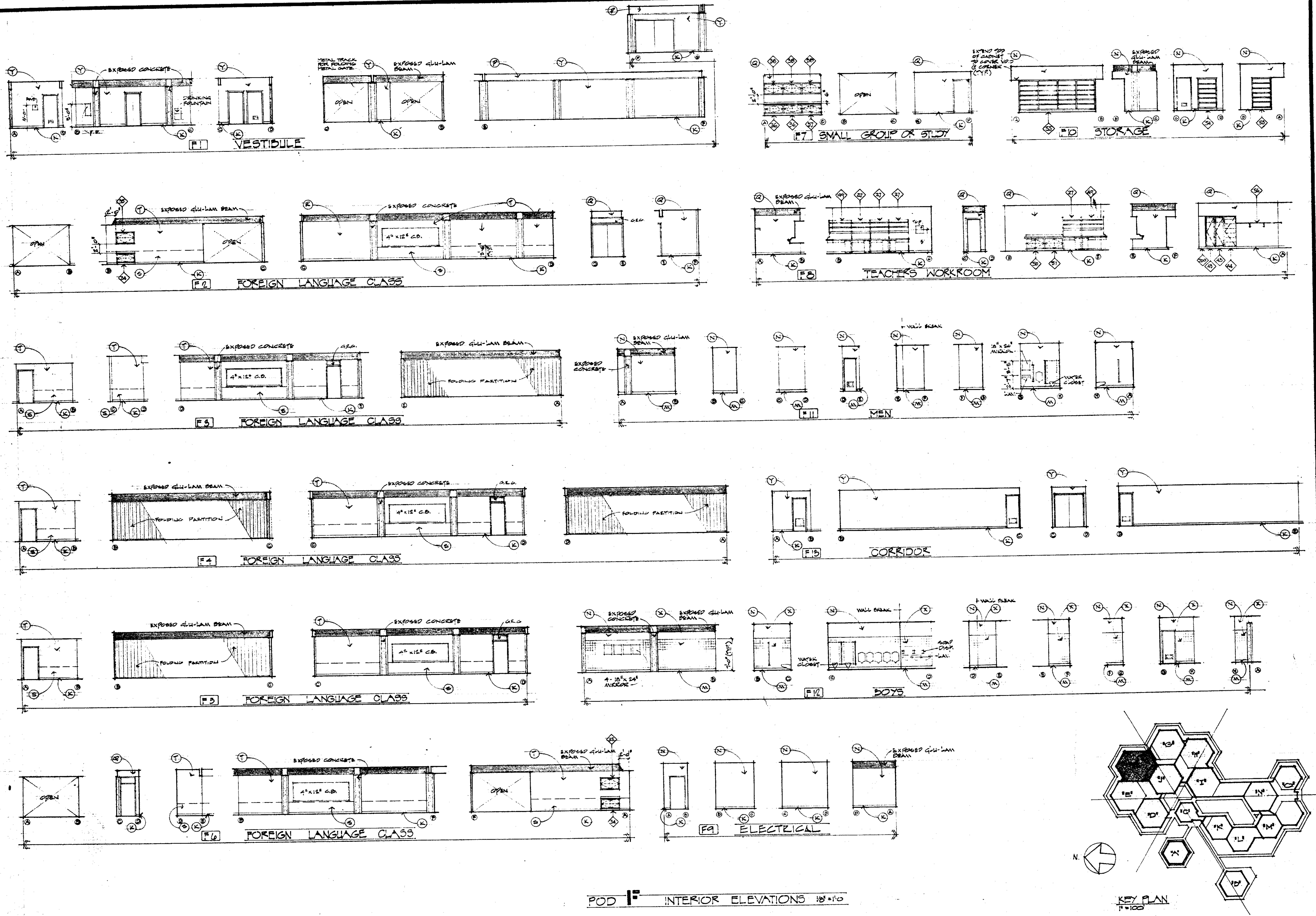


POD F INTERIOR ELEVATIONS 1/8"=1'0"

KEY PLAN
1"=100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 18 1968
BY

STATE OF CALIFORNIA · DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29448 APPROVED JAN 15 1968

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

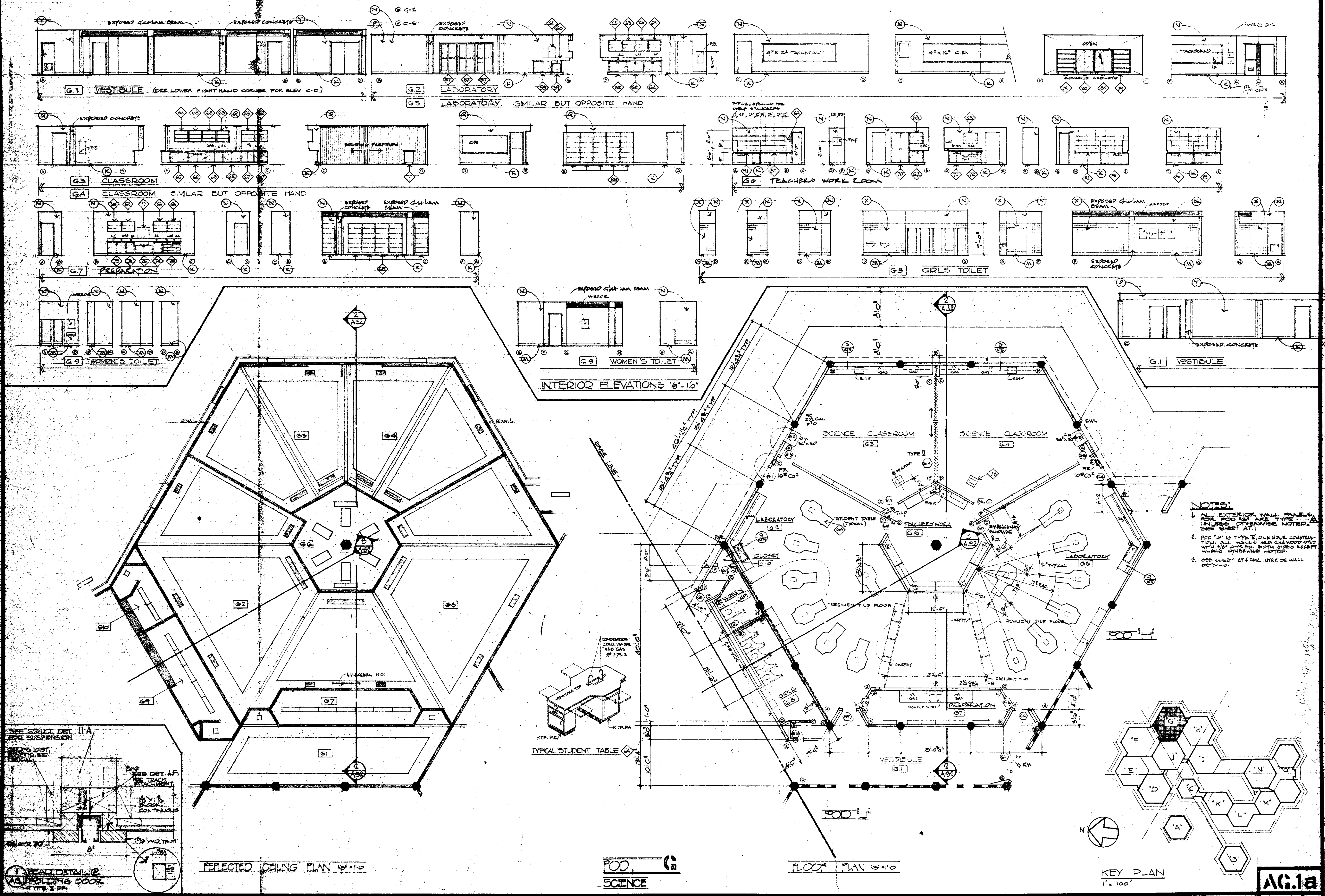
KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD F
INTERIOR ELEVATIONS

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AF.2
OF 2 SHEETS



POD. G

SCIENCE

NOTES:

1. ALL EXTERIOR WALL PANELS FOR POD "G" ARE TYPE A UNLESS OTHERWISE NOTED. SEE SHEET AT.1

2. POD "G" IS TYPE V, ONE HOUR CONSTRUCTION. ALL WALLS ARE 2X4 WOOD STUD WITH 5/8" GYP. BD. BOTH SIDES EXCEPT WHERE OTHERWISE NOTED.

3. SEE SHEET AT4 FOR INTERIOR WALL DETAILS.

APPROVEL
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 16 1968

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29343 APPROVED JAN 16 1968

ARCHITECT Kal Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD G
FLOOR PLAN
REFLECTED CEILING PLAN
INTERIOR ELEVATIONS

REVISIONS

JOB NUMBER	6605
DESIGNED	
DRAWN	
CHECKED	
DATE	

AG.1a

AG.1

INTERIOR FINISH SCHEDULE - POD G

ROOM NAME	Nº	FLOOR: CARPET (A)	FLOOR: RESILIENT TILE (B)	FLOOR: CERAMIC TILE (C)	FLOOR: CONCRETE (D)	FLOOR: CONCRETE COLORED (E)	FLOOR: WOOD (F)	FLOOR: POLISHED RESINE TERRAZZO (G)	FLOOR: INDUSTRIAL TERRAZZO (H)	BASE: 6" WOOD (5½"x½" FINISH) (J)	BASE: 4" WOOD (3⅝"x½" FINISH) (K)	BASE: CONCRETE (L)	BASE: COVED POLISHED TERRAZZO (M)
VESTIBULE	G-1	●									●		
LABORATORY	G-2	●	●								●		
CLASSROOM	G-3	●									●		
CLASSROOM	G-4	●									●		
LABORATORY	G-5	●	●								●		
TEACHER'S WORK	G-6		●								●		
STORAGE	G-7		●								●		
GIRLS	G-8							●					●
WOMEN	G-9							●					●

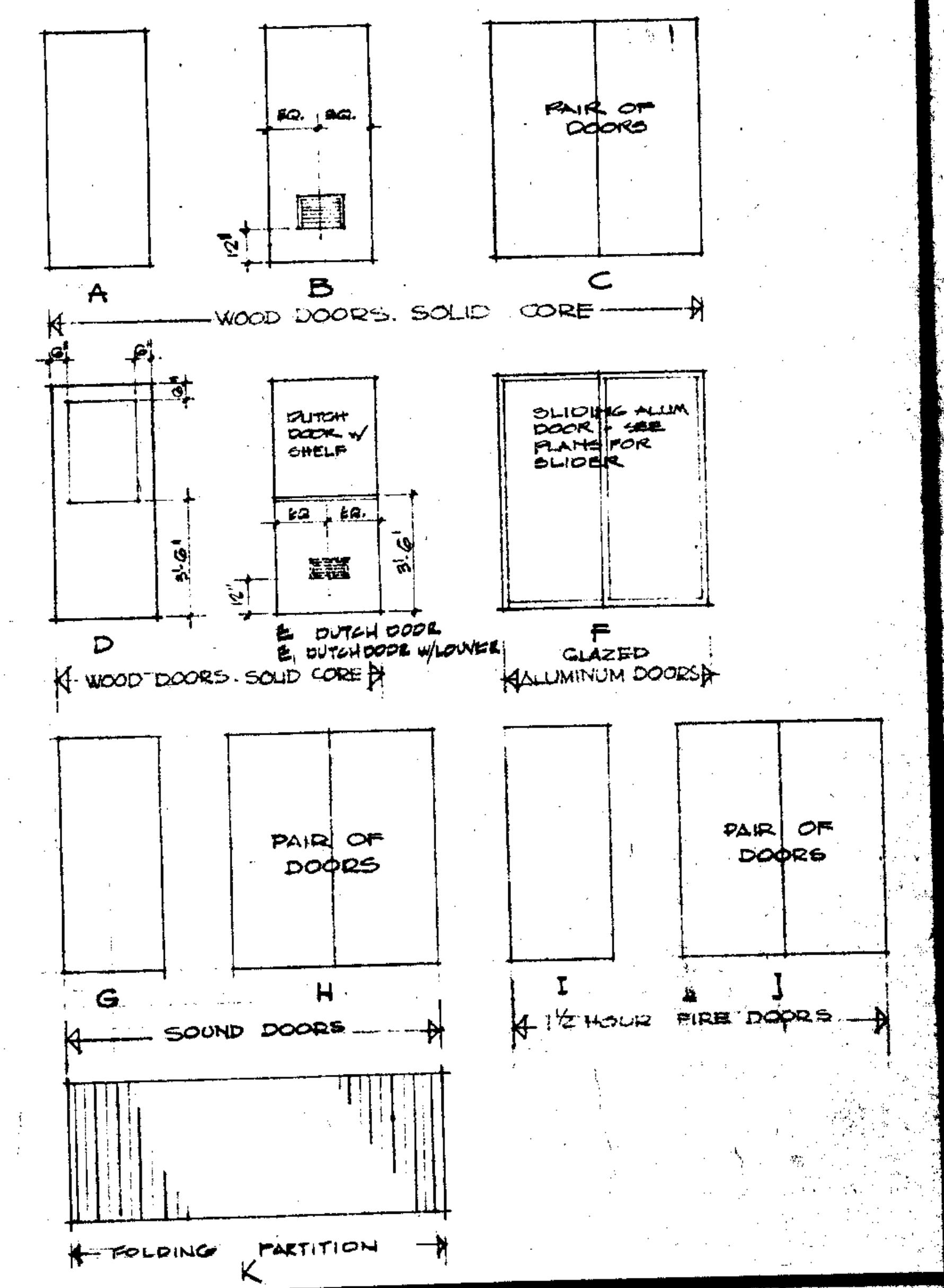
ROOM NAME	Nº	WALLS: 5/8" GYP. BD. PAINTED (N)	WALLS: TWO LAYERS 5/8" GYP. BD. PAINTED (P)	WALLS: VINYL WALL FABRIC o/ 5/8" GYP. BD. (Q)	WALLS: VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP. BD. (R)	WALLS: VINYL WALL FABRIC ON 1/2" GYP. BD + 5/8" GYP. BD. (S)	WALLS: VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD. (T)	WALLS: CEMENT PLASTER PAINTED (U)	WALLS: ACOUSTICAL TILE ON 5/8" GYP. BD. (V)	WALLS: (W)	WALLS: GLAZED CERAMIC TILE (X)	WALLS: LAMITATED PLASTIC ON PARTICLE BD. + 5/8" GYP. BD. (OR 2 LAYERS) (Y)	WALLS: ENAMELED ASBESTOS BD. ON 5/8" MOISTURE RESIST. GY. BD (Z)	WALLS: (AA)
VESTIBULE	G-1											●		
LABORATORY	G-2	●												
CLASSROOM	G-3			●										
CLASSROOM	G-4			●										
LABORATORY	G-5	●												
TEACHER'S WORK	G-6	●												
STORAGE	G-7	●												
GIRLS	G-8	●									●			
WOMEN	G-9	●												

ROOM NAME	Nº	CEILING HEIGHT	CEILING: 5/8" GYP BD. PAINTED (BB)	CEILING: 1/2" GYP. BD. PAINTED (CC)	CEILING: TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD. (DD)	CEILING: TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD (EE)	CEILING: ACOUSTICAL TILE ON 3/8" GYP. BD (FF)	CEILING: ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	REMARKS
VESTIBULE	G-1	9'-10¼"			●				
LABORATORY	G-2	8'-7¼"			●				SEE FLOOR PLAN FOR EXTENT OF DIFFERENT FLOOR COVERINGS
CLASSROOM	G-3	8'-7¼"			●				
CLASSROOM	G-4	8'-7¼"			●				
LABORATORY	G-5	8'-7¼"			●				SEE FLOOR PLAN FOR EXTENT OF DIFFERENT FLOOR COVERINGS
TEACHER'S WORK	G-6	8'-0¾"					●		
STORAGE	G-7	9'-10¼"	●						
GIRLS	G-8	9'-10¼"	●						SEE INTERIOR ELEVATION FOR EXTENT OF DIFFERENT WALL FINISHES
WOMEN	G-9	9'-10¼"	●						

DOOR SCHEDULE - POD G

Nº	TYPE	SIZE W.	SIZE HT.	SIZE TH.	GLASS W.	GLASS HT.	LOUVER W.	LOUVER HT.	FRAME	DETAILS JAMB	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	REMARKS	HDW.	U.L. LABEL	Nº PL.	NAME PLATE
G1	A	3'-0"	7'-0"	1¾"					M.6⅜"	10/AT2	24/AT2	6/AT2	7/AT2		10A			
G2	A	3'-0"	7'-0"	1¾"					M.6⅜"	24/AT2	10/AT2	6/AT2	7/AT2		10A			
G3	A	3'-0"	7'-0"	1¾"					M.6⅜"	10/AT2	24/AT2	6/AT2	7/AT2		10A			
G4	A	3'-0"	7'-0"	1¾"					M.6⅜"	24/AT2	10/AT2	6/AT2	7/AT2		10A			
G5	E1	2'-8"	7'-0"	1¾"			12"	6"	M.6⅛"	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	28			
G6	A	3'-0"	7'-0"	1¾"					M.6⅞"	20/AT4	20/AT-4	20/AT-4			32			
G7	J	8'-0"	7'-0"	1¾"					M.10"	25/AT4	25/AT-4	25/AT-4		PAIR OF 4'-0" LABELED FRAME	29	1½ HR		
G8	E1	2'-8"	7'-0"	1¾"			12"	6"	M.6⅛"	13/AT4	13/AT4	13/AT4			28			
G9	A	3'-0"	7'-0"	1¾"					M.6⅞"	20/AT-4	20/AT-4	20/AT-4			32			
G10	B	3'-0"	7'-0"	1¾"			24"	18"	M.6⅞"	23/AT-4	23/AT-4	23/AT-4			17			
G11	B	2'-6"	7'-0"	1¾"			18"	12"	M.8¾"	22/AT-4	22/AT-4	22/AT-4			17			
G12	A	2'-8"	7'-0"	1¾"					M.6⅛"	26/AT-4	26/AT-4	26/AT4			3			
G13	A	3'-0"	7'-0"	1¾"					M.6⅛"	13/AT4	13/AT4	13/AT4			22			
G14	K	23'-0"	8'-9"						WD.	2/AG-1 SIM	5/AJ-1 SIM	1/AG-1		FOLDING PARTITION. TYPE II VERIFY DIMENSIONS AT JOB	13			
G15	A	3'-0"	7'-0"	1¾"					M.6⅛"	13/AT4	13/AT4	13/AT4			22			
G16	D	2'-8"	7'-0"	1¾"	22"	30"			M.6⅛	13/AT4	13/AT4	13/AT4			11			
G17	D	2'-8"	7'-0"	1¾"	22"	30"			M.6⅛"	13/AT4	13/AT4	13/AT4			11			
G18	D	2'-8"	7'-0"	1¾"	22"	30"			M.6⅛"	13/AT4	13/AT4	13/AT4			11			
G19	D	2'-8"	7'-0"	1¾"	22"	30"			M.6⅛"	13/AT4	13/AT4	13/AT4			11			

DOOR TYPES SCALE: ¼" = 1'-0"



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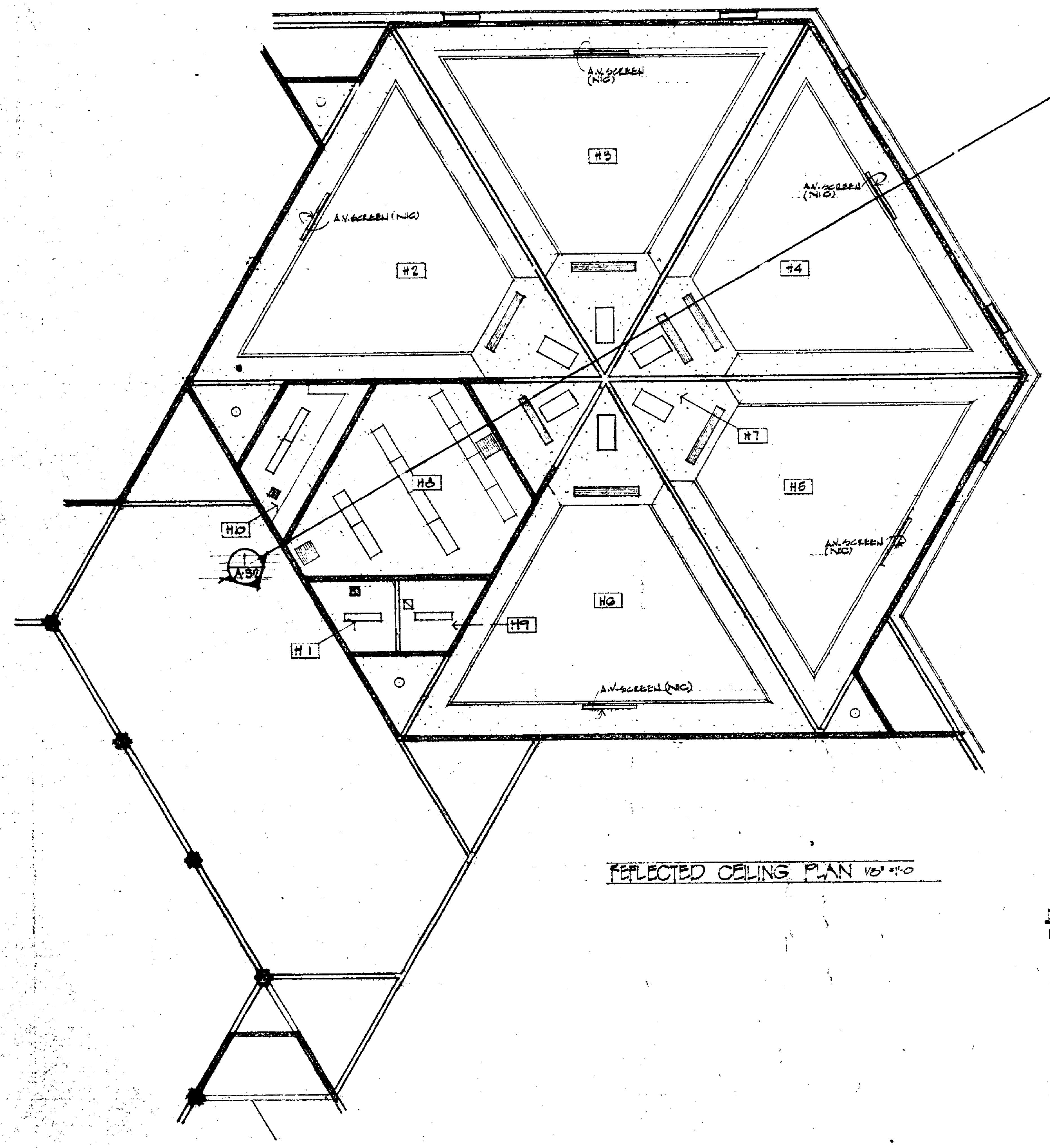
NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

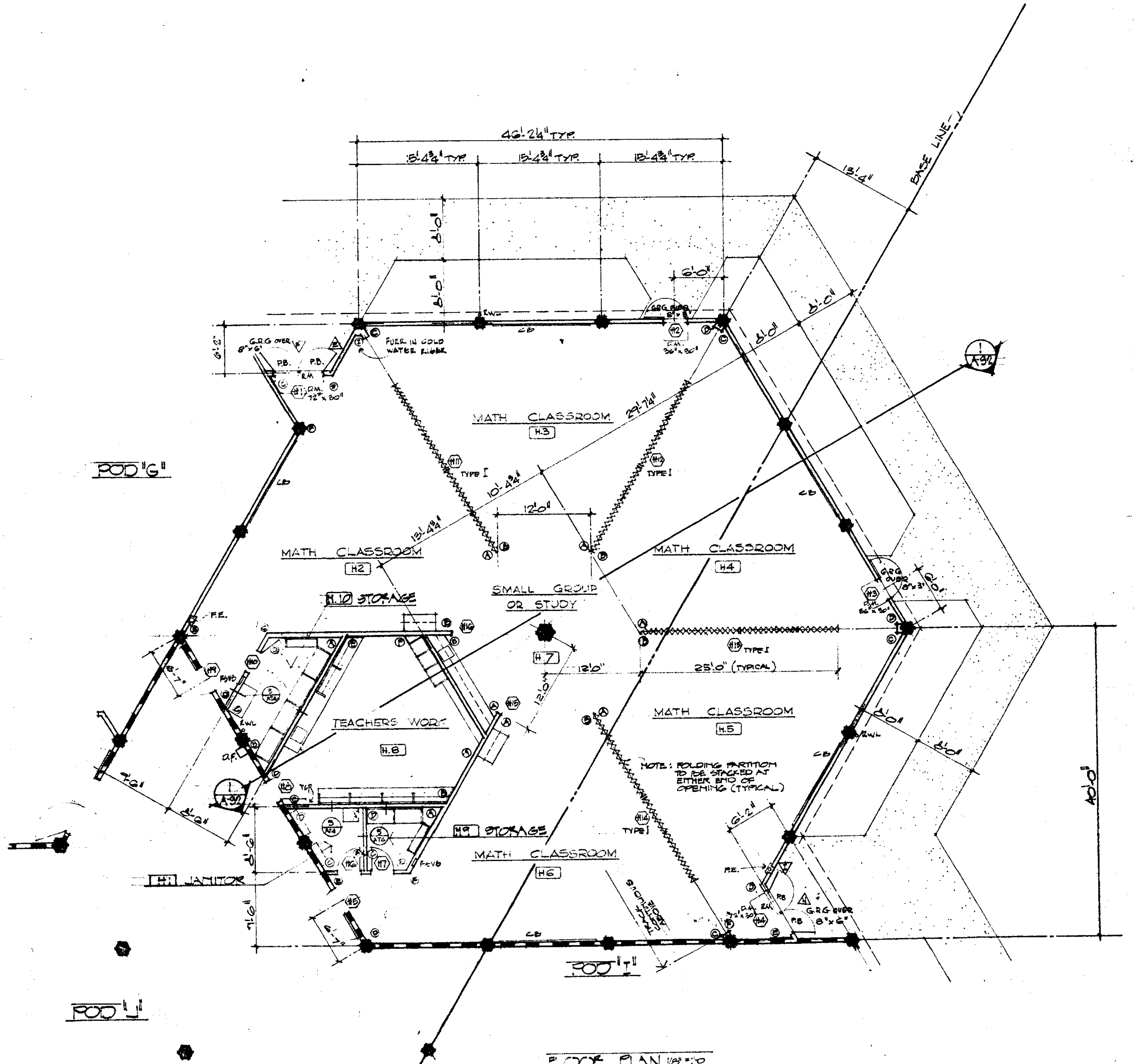
REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AG.1a
OF SHEETS



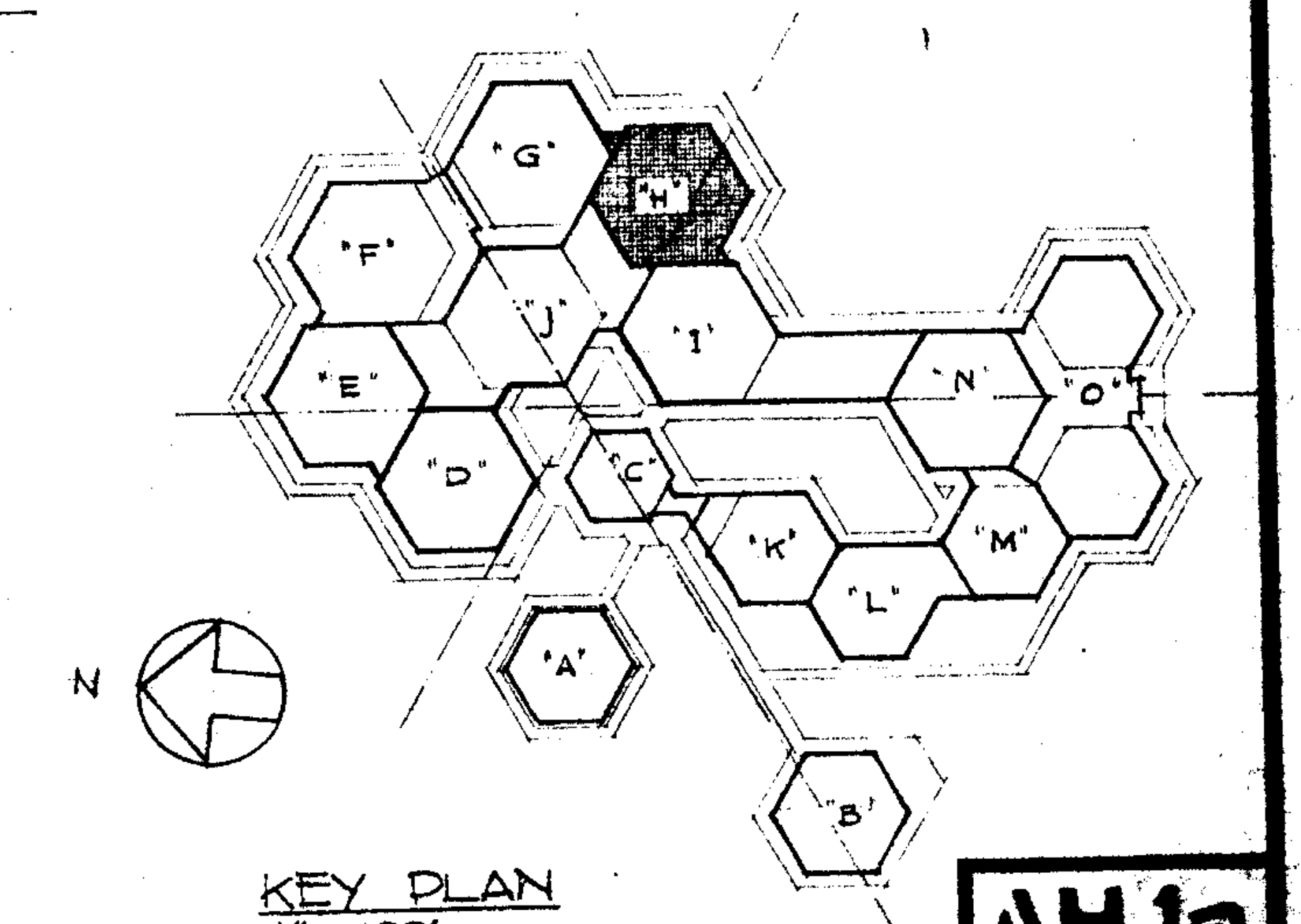
REFLECTED CEILING PLAN 1/8" = 1'-0"



FLOOR PLAN 1/8" = 1'-0"

NOTES:

1. ALL EXTERIOR WALL PANELS FOR POD "H" ARE TYPE A UNLESS OTHERWISE NOTED SEE SHEET AT-1
2. POD "H" IS TYPE V, ONE HOUR CONSTRUCTION ALL WALLS ARE 2×4 WOOD STUDS W/ 5/8" GYP. BD. BOTH SIDES EXCEPT WHERE OTHERWISE NOTED
3. SEE SHEET AT-4 FOR INTERIOR WALL DETAILS.
4. @ FOLDING DOORS TRACK CONT. TO EXT WALL TYPICAL @ ALL SIM. CONDITIONS
5. AT ROOMS H1, H9 & H10, EXTEND ONE-HOUR OCCUPANCY SEPARATION TO UPPER ROOF SHEATHING DETAIL 5/AT4



KEY PLAN
1" = 100'

POD H
MATHEMATICS

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 14 1968
BY

STATE OF CALIFORNIA
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 15 1968

ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
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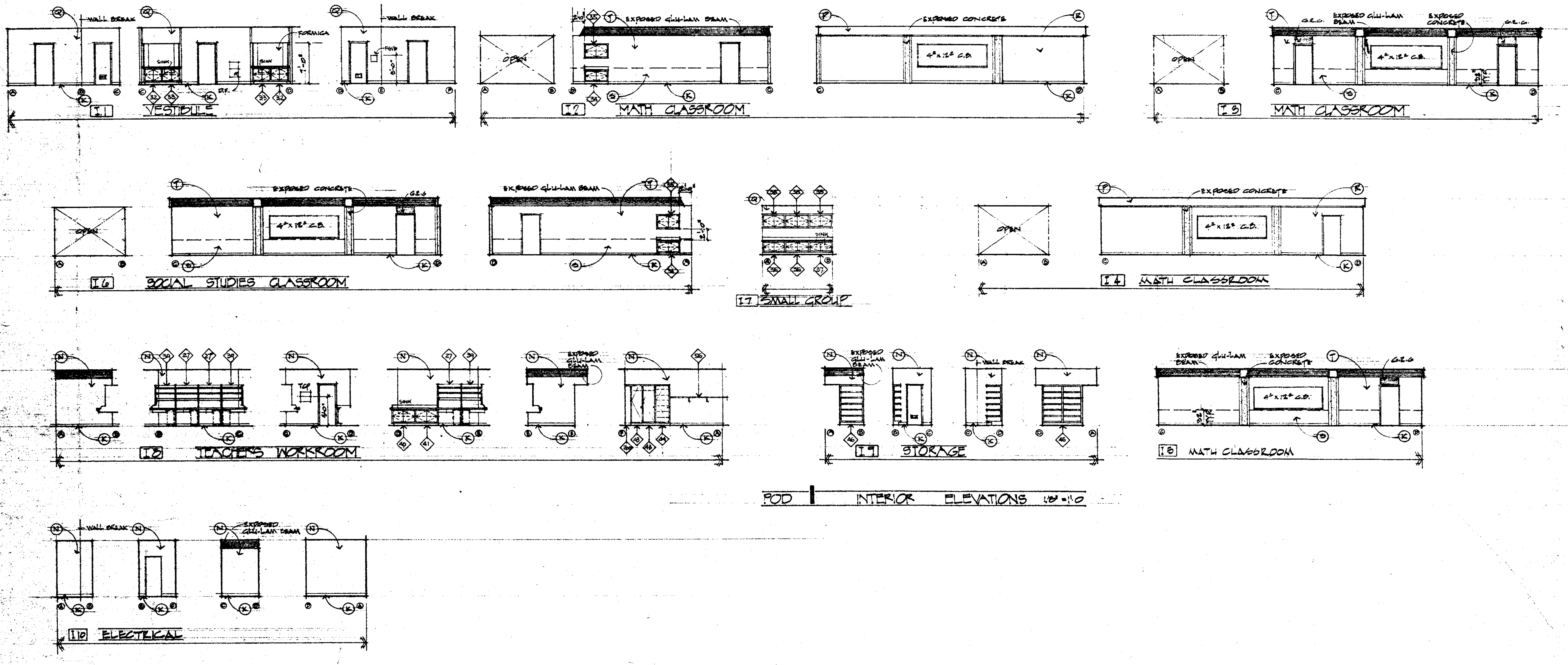
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD H
FLOOR PLAN
REFLECTED CEILING PLAN

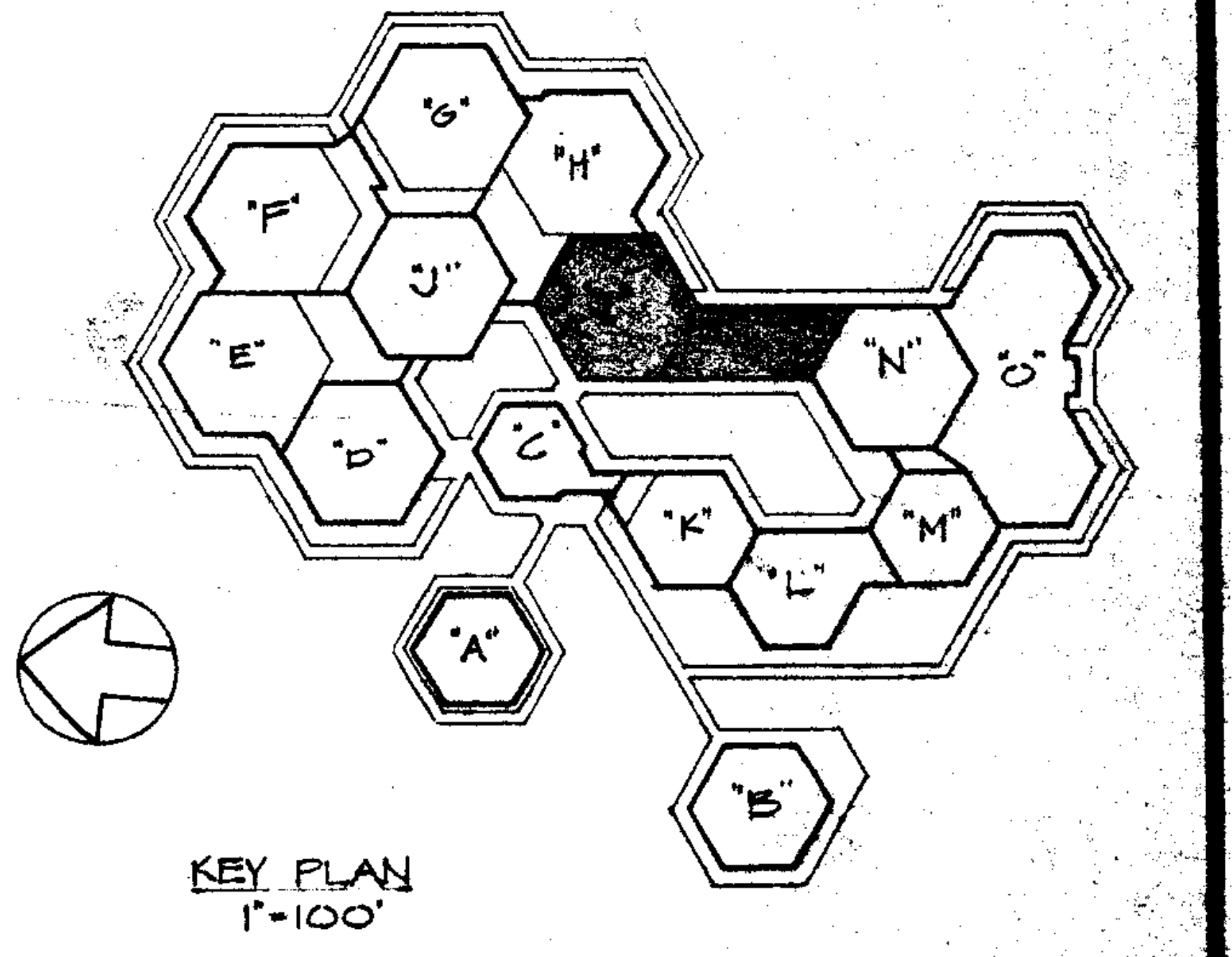
REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

AH.1a
AH.1
OF 2 SHEETS



POD I INTERIOR ELEVATIONS 1/8"=1'-0"



KEY PLAN
1"=100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 10 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 15 1968
APPLICATION NO.

ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER
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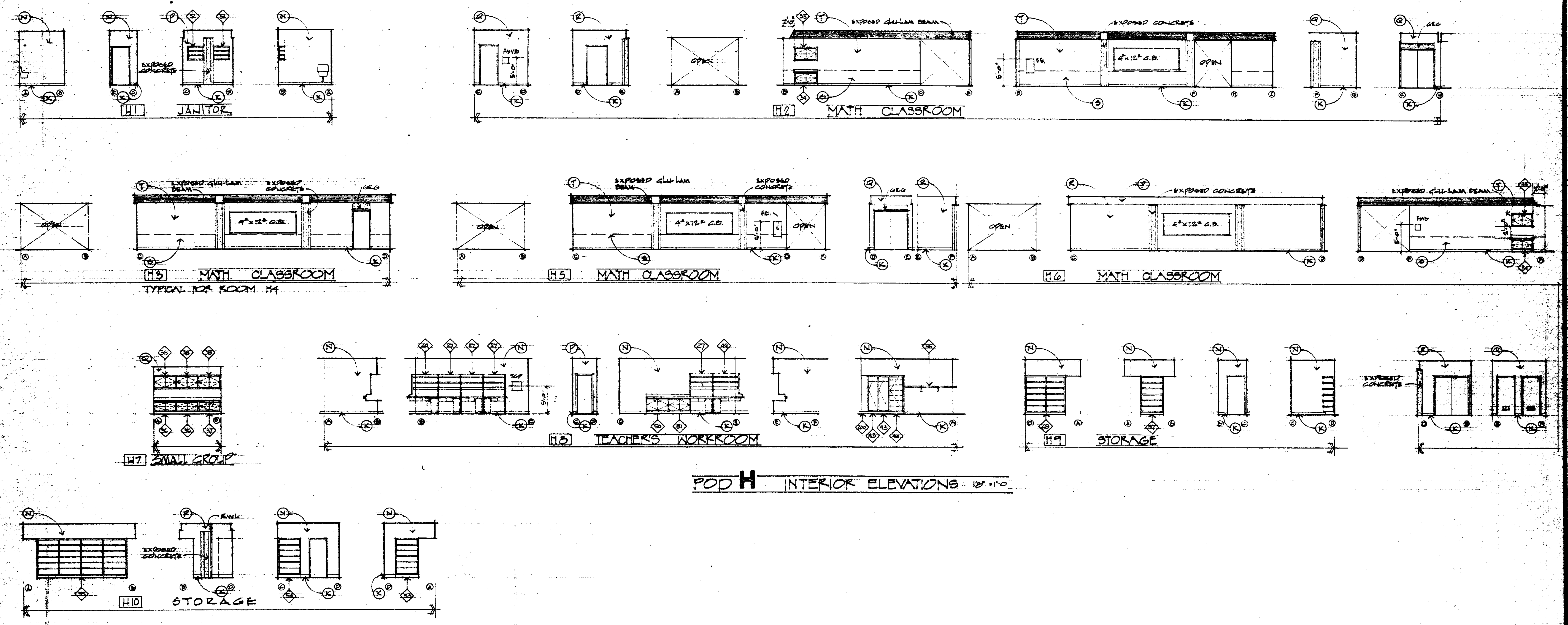
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

POD I
INTERIOR ELEVATIONS

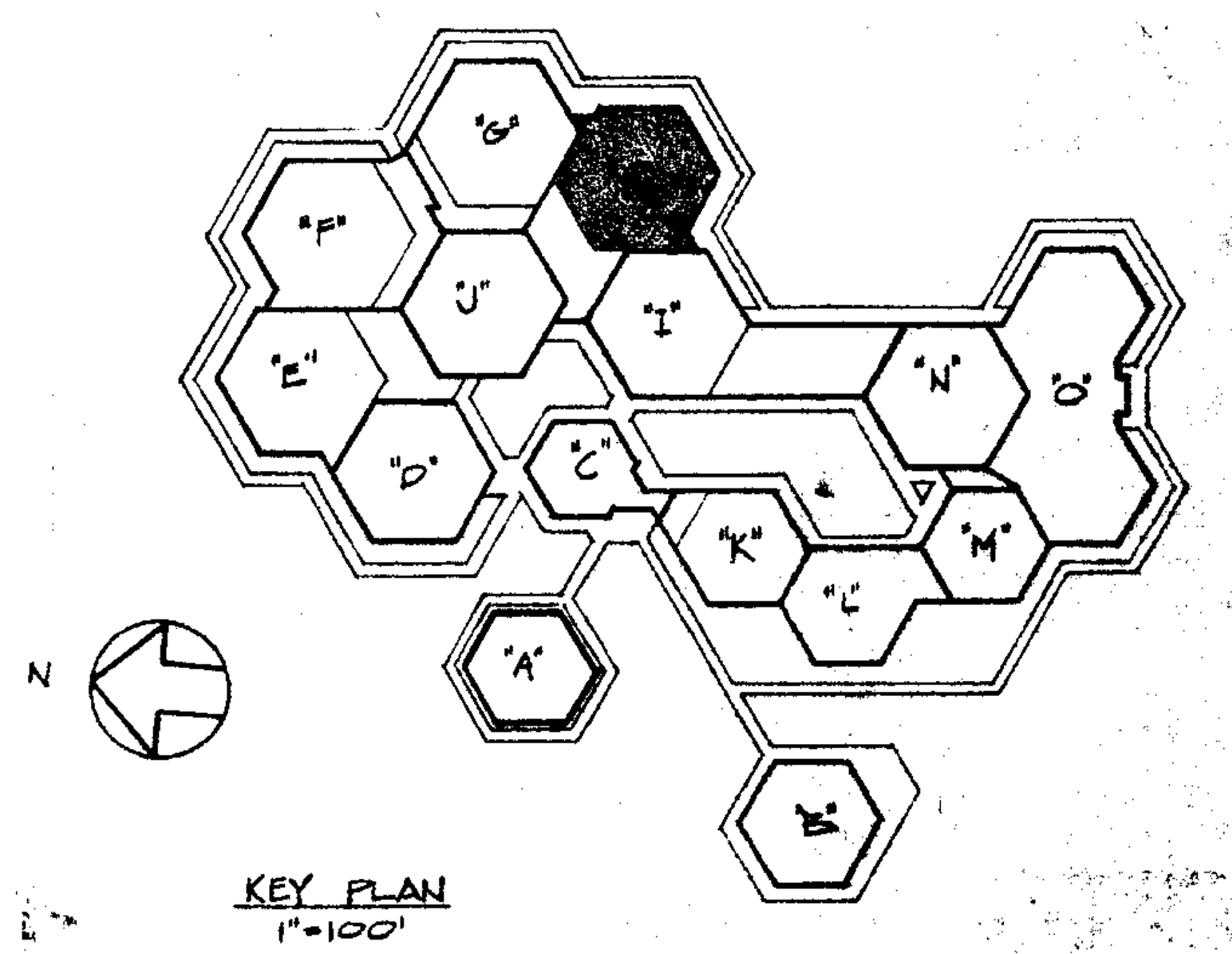
REVISIONS

JOB NUMBER 6603
DESIGNED
DRAWN
CHECKED
DATE

A1.2
OF 2 SHEETS



POD H INTERIOR ELEVATIONS 1/8"=1'-0"



KEY PLAN
1"=100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 16 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
APPLICATION NO.

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

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POD H
INTERIOR ELEVATIONS

REVISIONS

JOB NUMBER 6605
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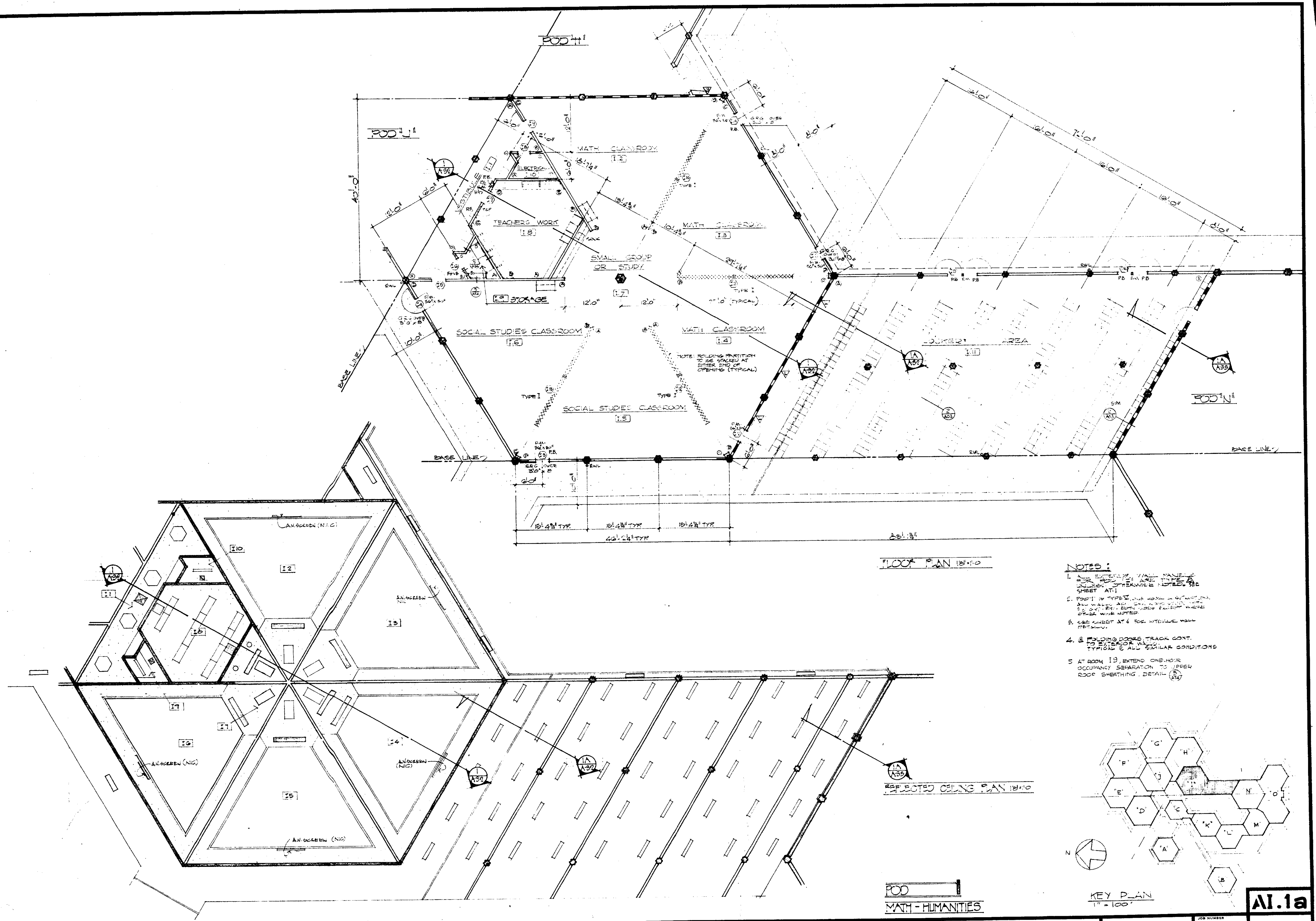
CHECKED
DATE

AH. 2
OF 2 SHEETS



FLOOR PLAN 1/8"=1'-0"

REFLECTED CEILING PLAN 1/8"=1'-0"

KEY PLAN 1" = 100'

POD I
MATH - HUMANITIES

NOTES :

1. ALL EXTERIOR WALL PANELS FOR POD "I" ARE TYPE A UNLESS OTHERWISE NOTED. SEE SHEET AT-1
2. POD "I" IS TYPE V, ONE HOUR CONSTRUCTION. ALL WALLS ARE 2x4 WOOD STUDS WITH 5/8" GYP. BD. BOTH SIDES EXCEPT WHERE OTHERWISE NOTED.
3. SEE SHEET AT 4 FOR INTERIOR WALL DETAILS.
4. @ FOLDING DOORS TRACK CONT. TO EXTERIOR WALLS. TYPICAL @ ALL SIMILAR CONDITIONS
5. AT ROOM I9, EXTEND ONE-HOUR OCCUPANCY SEPARATION TO UPPER ROOF SHEATHING, DETAIL 5/AT4

APPROVED	#8449	
ARCHITECT: Kal H. Porter		

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

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POD I
FLOOR PLAN
REFLECTED CEILING PLAN

REVISIONS

JOB NUMBER	6605
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DRAWN	
CHECKED	
DATE	

AI.1a

AI.1

OF 2 SHEETS

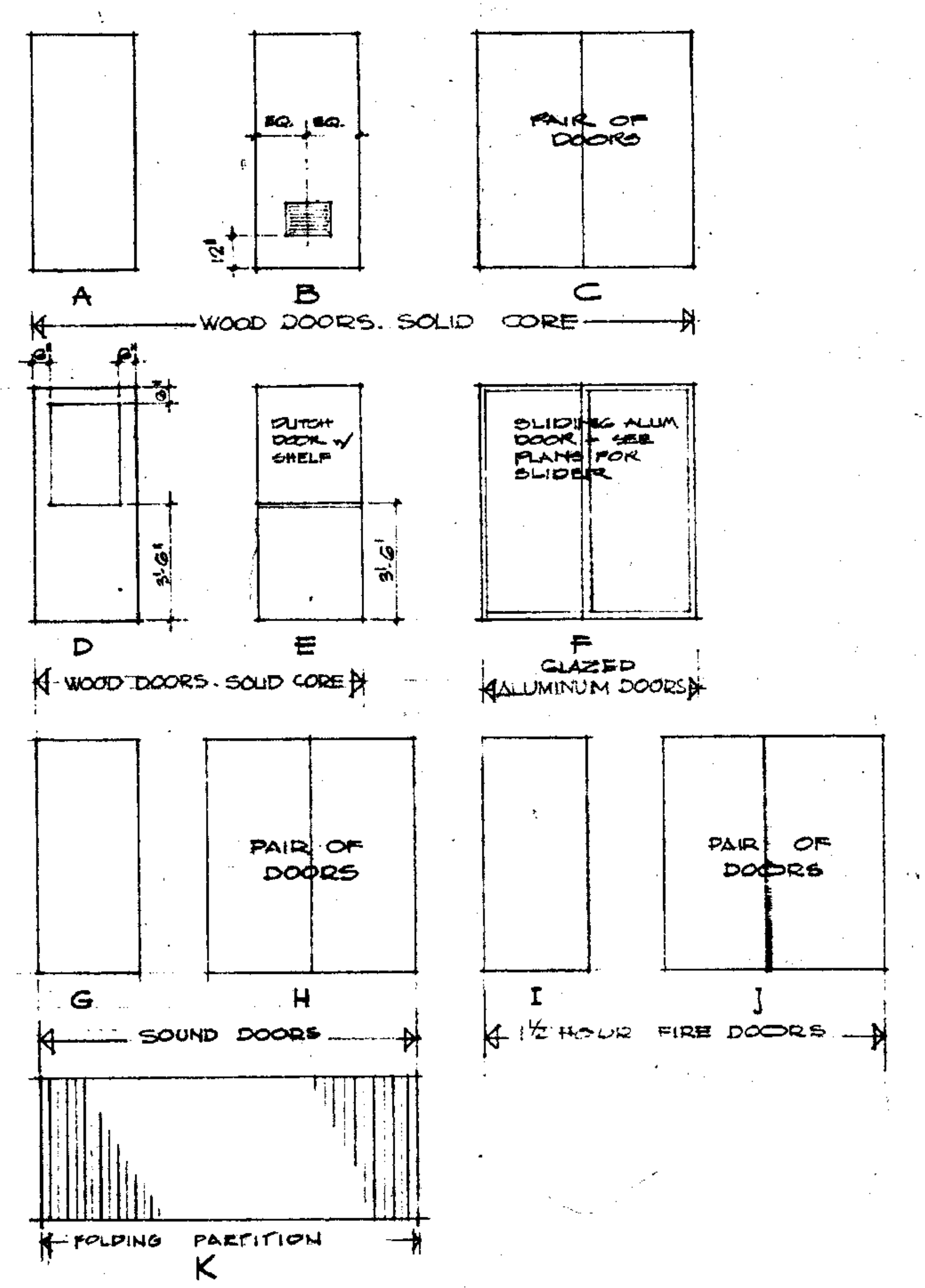
INTERIOR FINISH SCHEDULE - POD I

ROOM NAME	Nº	FLOOR								BASE				WALLS													CEILING							REMARKS
		CARPET (A)	RESILIENT TILE (B)	CERAMIC TILE (C)	CONCRETE (D)	CONCRETE COLORED (E)	WOOD (F)	POLISHED RESINE TERRAZZO (G)	INDUSTRIAL TERRAZZO (H)	6" WOOD (3½"x½" FINISH) (J)	4" WOOD (3⅝"x½" FINISH) (K)	CONCRETE (L)	COVED POLISHED TERRAZZO (M)	5/8" GYP. BD. PAINTED (N)	TWO LAYERS 5/8" GYP. BD. PAINTED (P)	VINYL WALL FABRIC ON 5/8" GYP. BD. (Q)	VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP. BD. (R)	VINYL WALL FABRIC ON 1/2" GYP. BD + 5/8" GYP. BD. (S)	VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD. (T)	CEMENT PLASTER PAINTED (U)	ACOUSTICAL TILE ON 5/8" GYP. BD. (V)	(W)	GLAZED CERAMIC TILE (X)	LAMINATED PLASTIC ON PARTICLE BD. + 5/8" GYP. BD. (1 OR 2 LAYERS) (Y)	ENAMELED ASBESTOS BD. ON 5/8" MOISTURE RESIST. GY. BD (Z)	(AA)	CEILING HEIGHT	5/8" GYP. BD. PAINTED (BB)	1/2" GYP. BD. PAINTED (CC)	TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD. (DD)	TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD (EE)	ACOUSTICAL TILE ON 5/8" GYP. BD. (FF)	ACOUSTICAL TILE ON 1/2" GYP. BD (GG)	
VESTIBULE	I-1	●									●					●											9'-10¼"			●				
MATH CLASSROOM	I-2	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				SEE INTERIOR ELEVATION FOR EXTENT OF DIFFERENT WALL FINISHES
MATH CLASSROOM	I-3	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
MATH CLASSROOM	I-4	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
SOCIAL STUDIES CR.	I-5	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
SOCIAL STUDIES CR.	I-6	●									●							●	●								~~9'-10¼"~~ 8'-7¼"			●				
SMALL GROUP OR STUDY	I-7	●									●					●											8'-7¼"			●				
TEACHER'S WORK	I-8	●									●			●													9'-10¼"					●		
STORAGE	I-9				●						●			●													9'-10¼"	●						
ELECTRICAL	I-10				●						●			●													9'-10¼"	●						
LOCKER AREA	I 11				●																													

DOOR SCHEDULE - POD I

Nº	TYPE	SIZE			GLASS		LOUVER		FRAME	DETAILS				REMARKS	HDW.	U.L. LABEL	Nº PL.	NAME PLATE
⬡		W.	HT.	TH.	W.	HT.	W.	HT.		JAMB	JAMB	HEAD	SILL					
I-1	A	3'-0"	7'-0"	1¾"					M.6⅝"	10/AT2	10/AT2	6/AT2	7/AT2		10A			
I-2	I	3'-0"	7'-0"	1¾"					M.9½"	27/AT2	27/AT2	25/AT2	7/AT2	LABELED FRAME	34	1½HR		
I-3	IA	3'-0"	7'-0"	1¾"					M.6⅝"	10/AT2	10/AT2	6/AT2	7/AT2		1			
I-4	A	3'-0"	7'-0"	1¾"					M.6⅝"	10/AT2	10/AT2	6/AT2	7/AT2		10			
I-5	A	3'-0"	7'-0"	1¾"					M6⅝	13/AT4	13/AT4	13/AT4			32			
I-6	B	3'-0"	7'-0"	1¾"			12"	6"	M.6⅝"	13/AT4	13/AT4	13/AT4		FUSIBLE LINK LOUVER	11			
I-7	A	3'-0"	7'-0"	1¾"					M.6⅝"	13/AT4	13/AT4	13/AT4			16			
I-8	B	3'-0"	7'-0"	1¾"			12"	6"	M.6⅝"	13/AT4	13/AT4	13/AT4			4			
I-9	A	3'-0"	7'-0"	1¾"					M.6⅝"	13/AT4	13/AT4	13/AT4			32			
I-10	K	25'-0"	8'-5"	—					WD	1/AD1		2/AD1		FOLDING PARTITION TYPE I				
I-11	K	25'-0"	8'-5"	—					WD.	1/AD1		2/AD1		FOLDING PARTITION TYPE I				
I-12	K	25'-0"	8'-5"	—					WD.	1/AD1		2/AD1		FOLDING PARTITION TYPE I				
I-13	K	25'-0"	8'-5"	—					WD.	1/AD1		2/AD1		FOLDING PARTITION TYPE I				
I-14	A	3'-0"	7'-0"	1¾"					M6⅝	10/AT2	10/AT2	6/AT2	7/AT2		18			
I-15	C	6'-4"	7'-0"	1¾"					M6⅝	[illegible]	[illegible]	[illegible]		PAIR OF 3'-2" DRS.	8A			
I-16	C	6'-4"	7'-0"	1¾"					M6⅝	[illegible]	[illegible]	[illegible]		PAIR OF 3'-2" DRS.	8A			

DOOR TYPES SCALE: ¼"=1'-0"



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NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

REVISIONS

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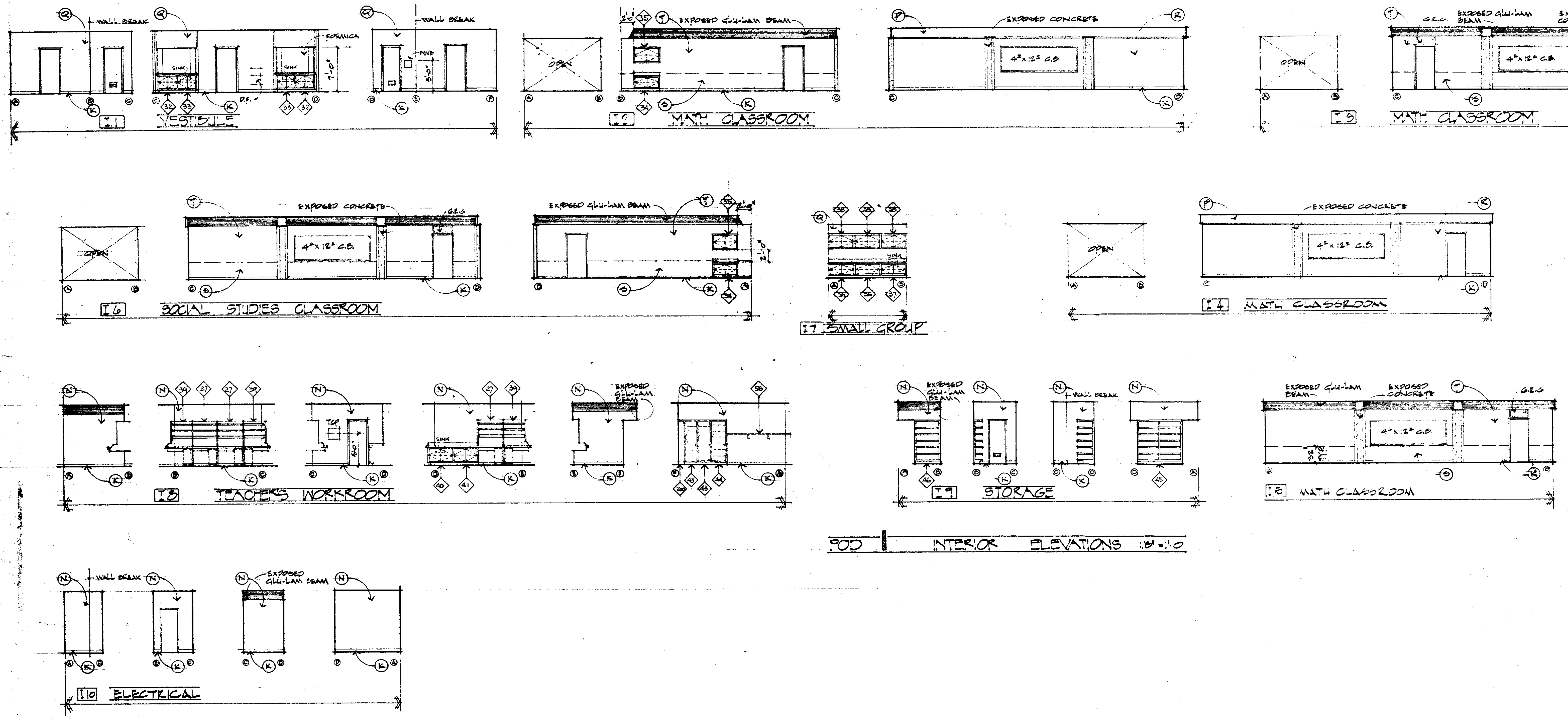
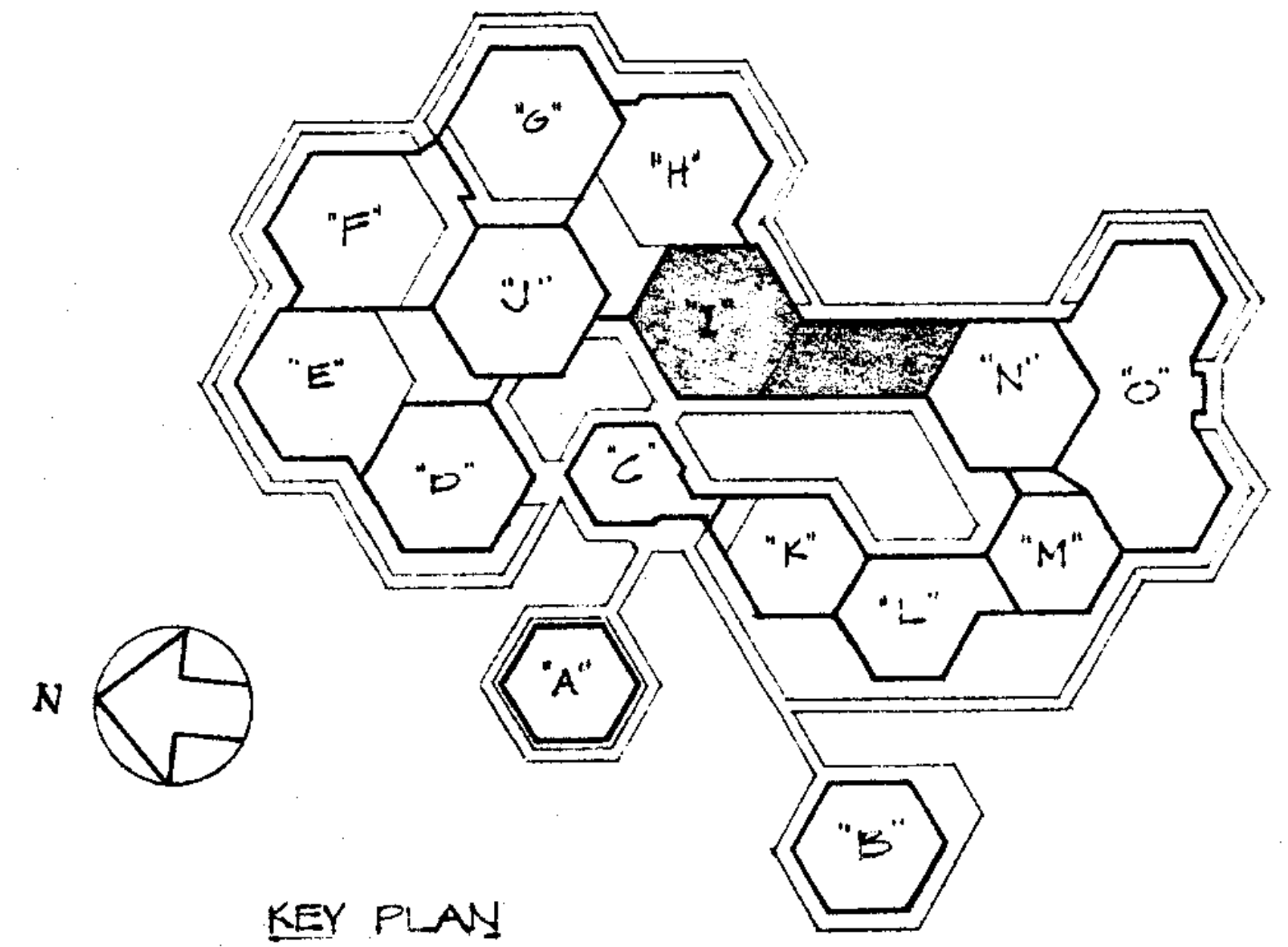
A1.1a
OF SHEETS



POD I INTERIOR ELEVATIONS 1/8"=1'-0"



KEY PLAN
1"=100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE: JAN 16 1968
BY

ARCHITECT: K H Porter

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
APPLICATION NO.

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
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POD I
INTERIOR ELEVATIONS

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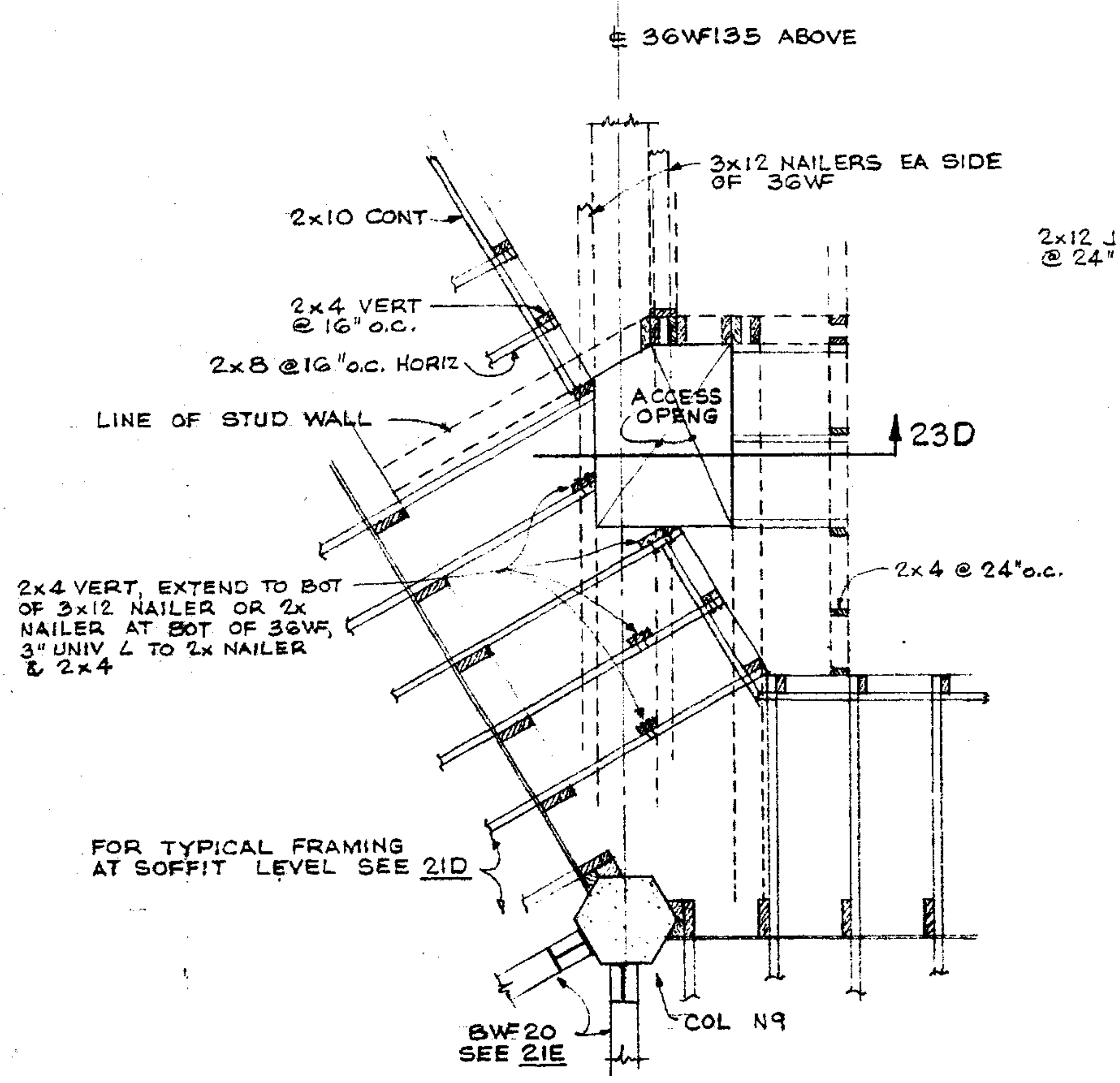
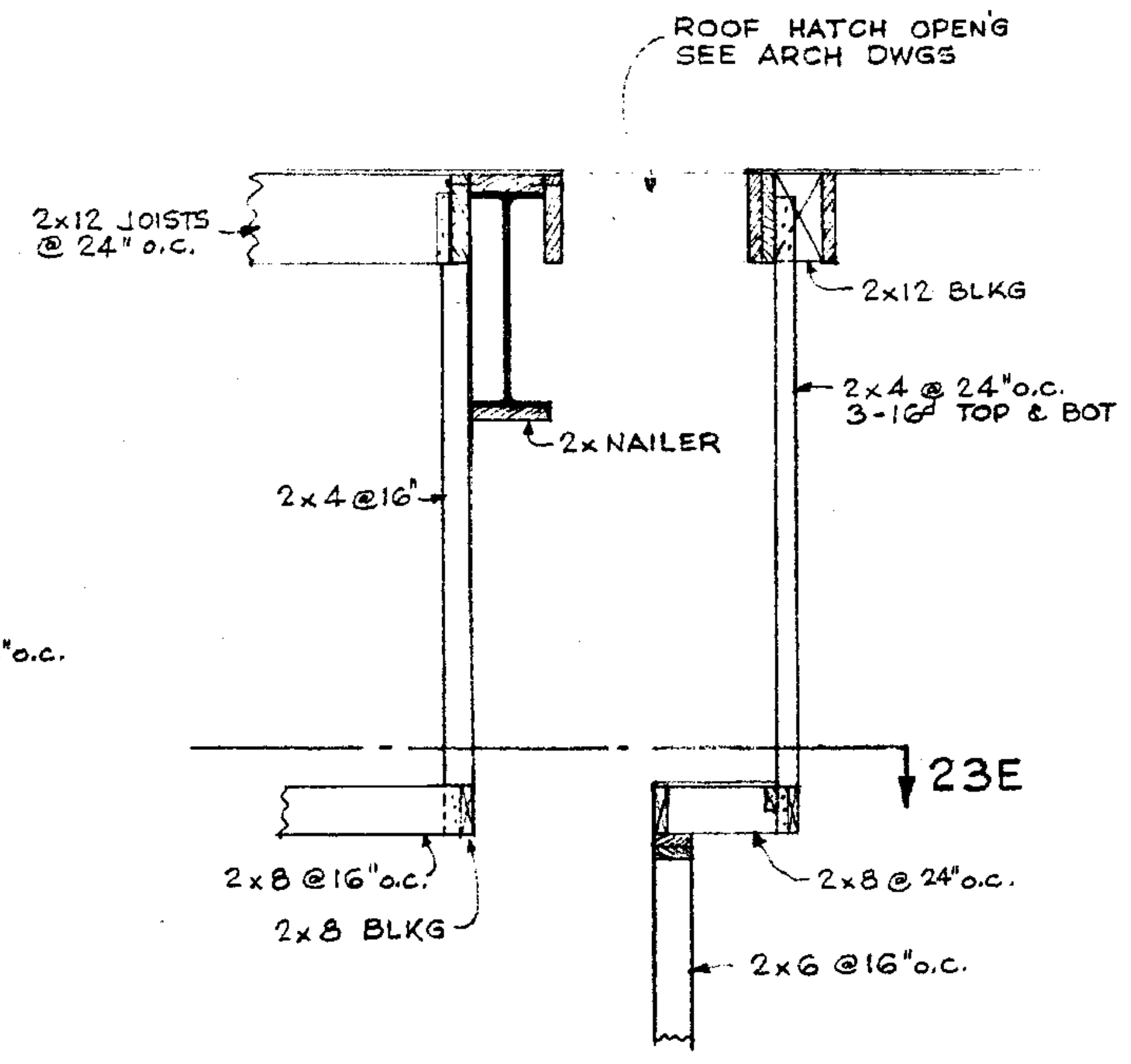
CHECKED
DATE

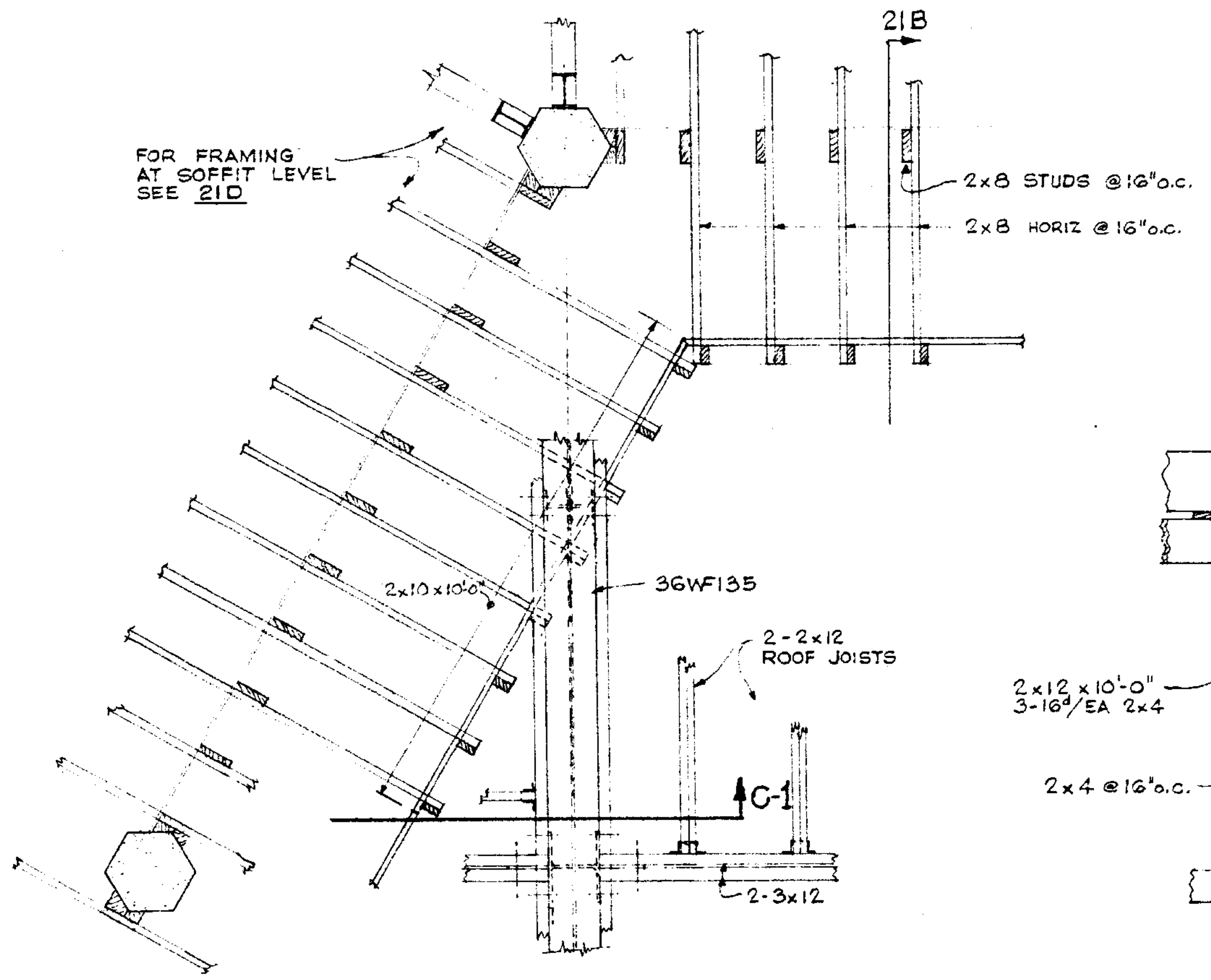
A1. 2
OF 2 SHEETS


℄ 36WF135 ABOVE
3x12 NAILERS EA SIDE OF 36WF
2x10 CONT
2x4 VERT @ 16" o.c.
2x8 @16" o.c. HORIZ
LINE OF STUD WALL
ACCESS OPENG
23D
2x4 @ 24" o.c.
2x4 VERT. EXTEND TO BOT OF 3x12 NAILER OR 2x NAILER AT BOT OF 36WF, 3" UNIV ∠ TO 2x NAILER & 2x4
FOR TYPICAL FRAMING AT SOFFIT LEVEL SEE 21D
8WF20 SEE 21E
COL N9

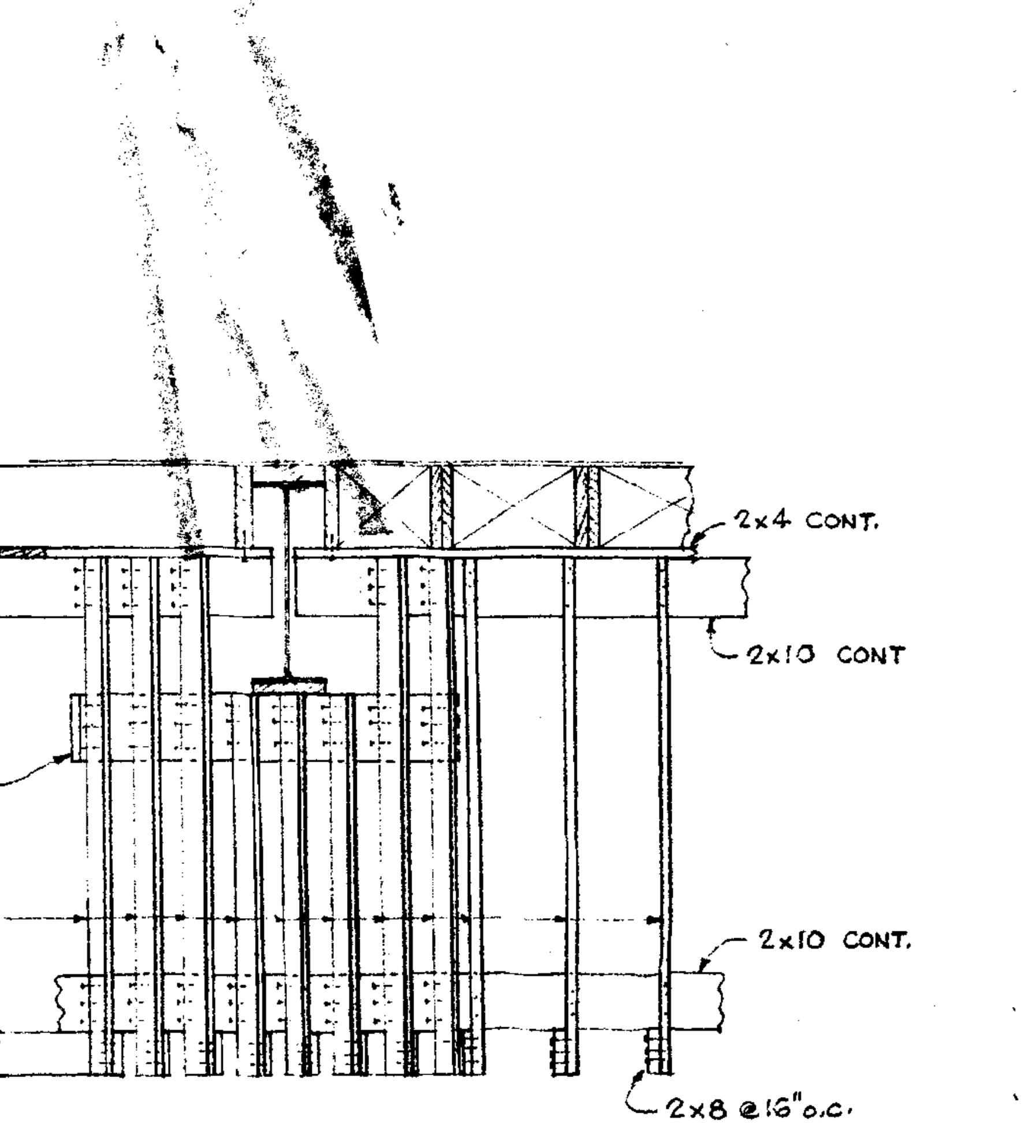
23E



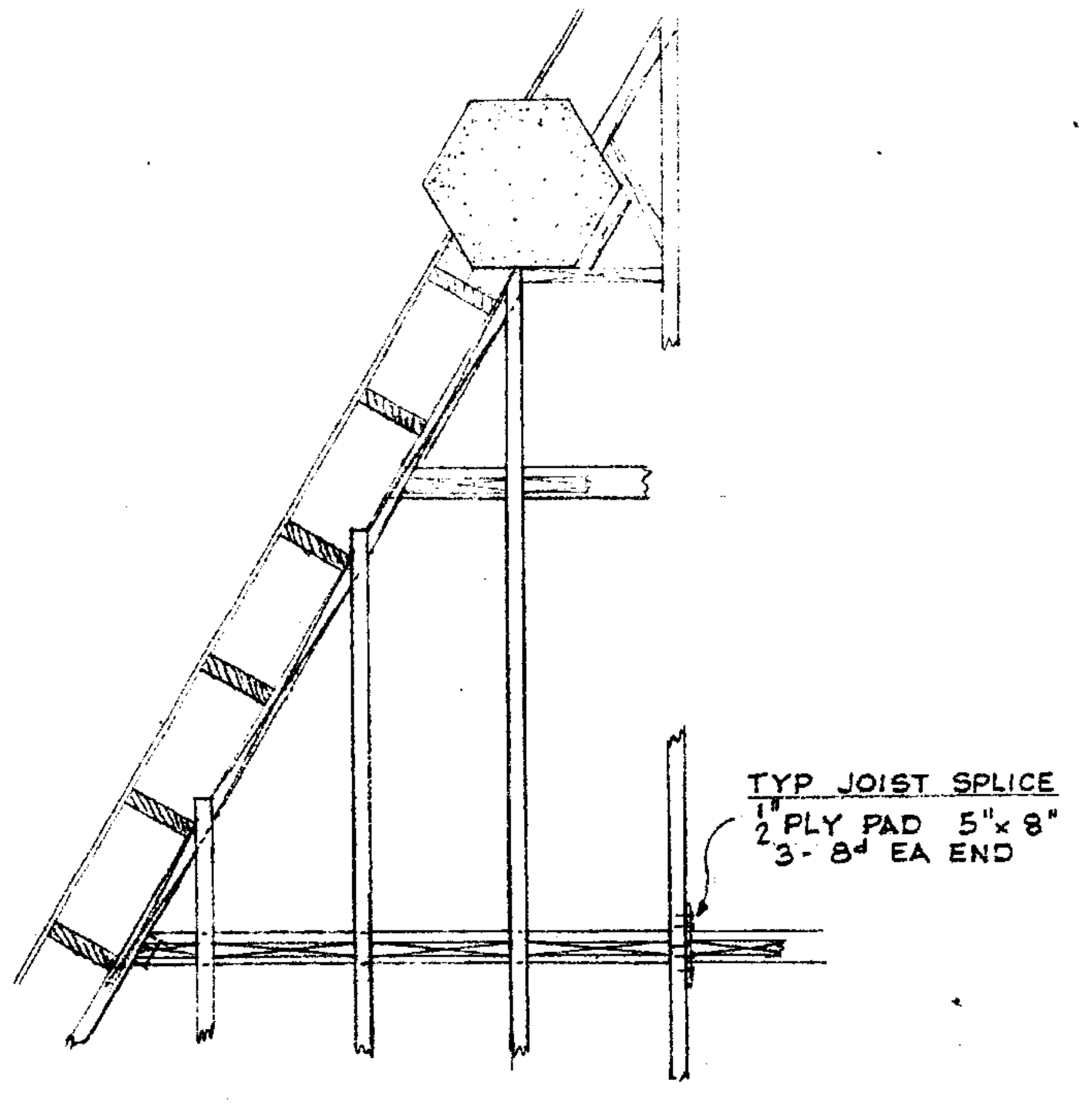
23D



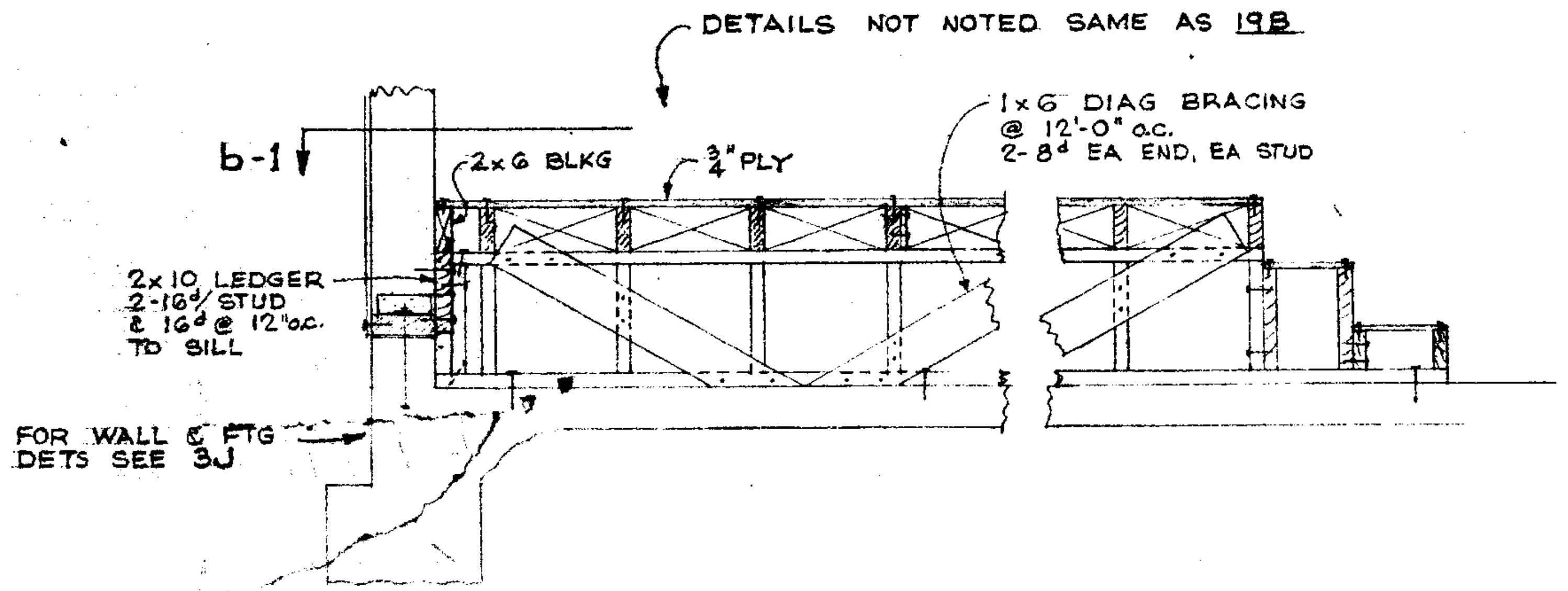
23C



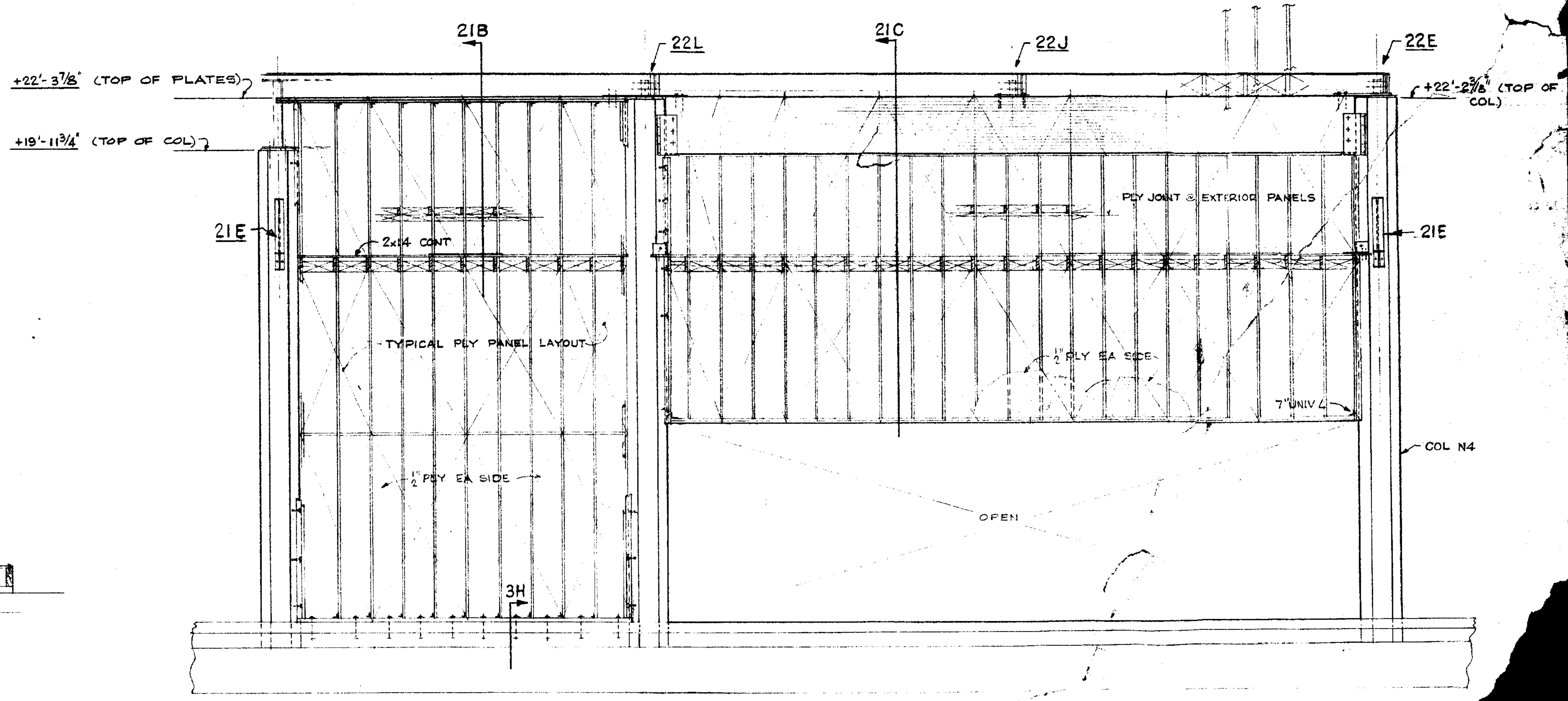
C-1



b-1


DETAILS NOT NOTED SAME AS 19B
b-1
2x6 BLKG
¾" PLY
1x6 DIAG BRACING @ 12'-0" o.c. 2-8d EA END, EA STUD
2x10 LEDGER 2-16d/STUD & 16d @ 12" o.c. TO SILL
FOR WALL & FTG DETS SEE 3J

23B



23A

29443 APPROVED

ARCHITECT: Kal H. Porter

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STRUCTURAL ENGINEER
630 MIDDLEFIELD ROAD
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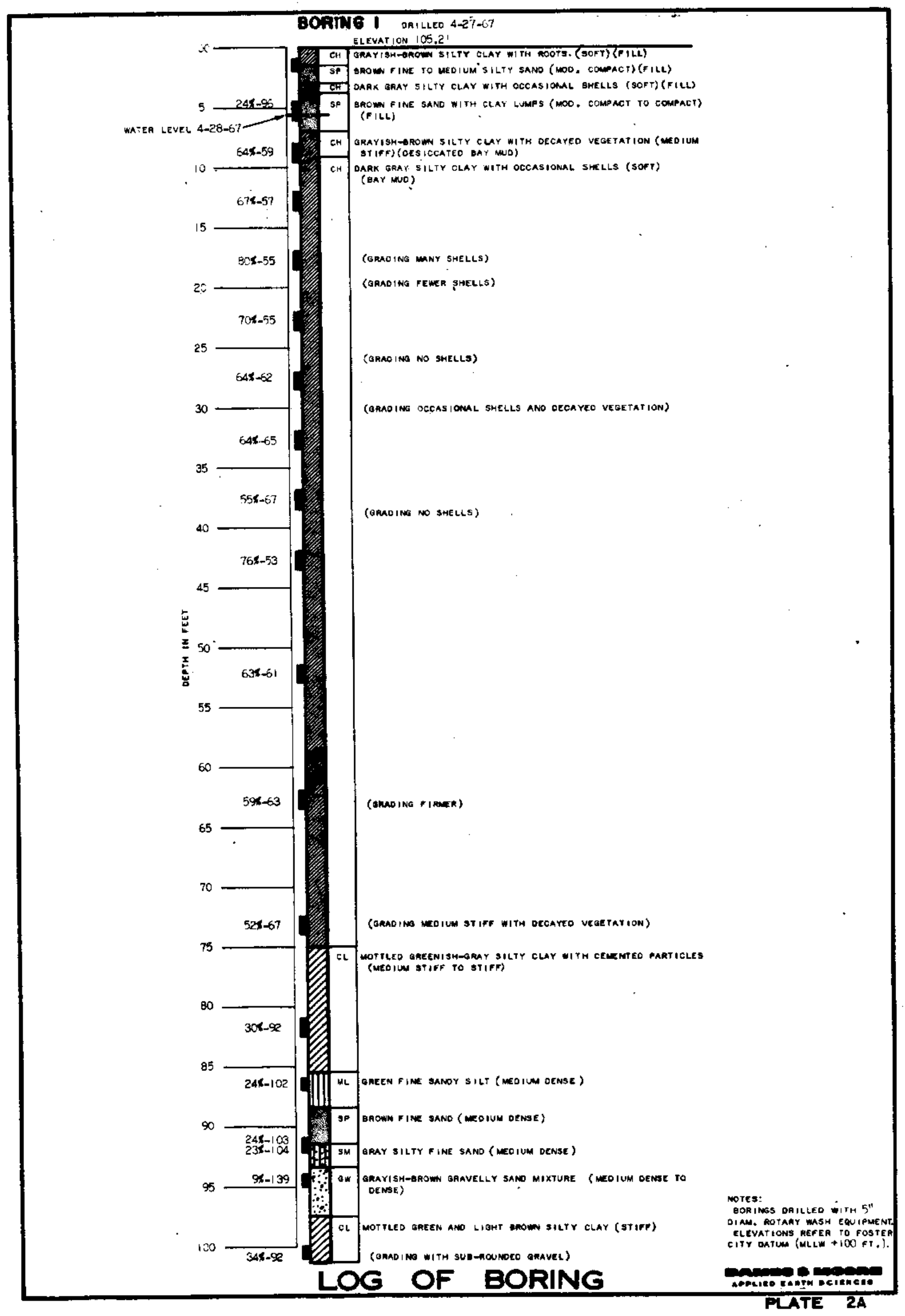
STRUCTURAL DETAILS

UNIT N

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

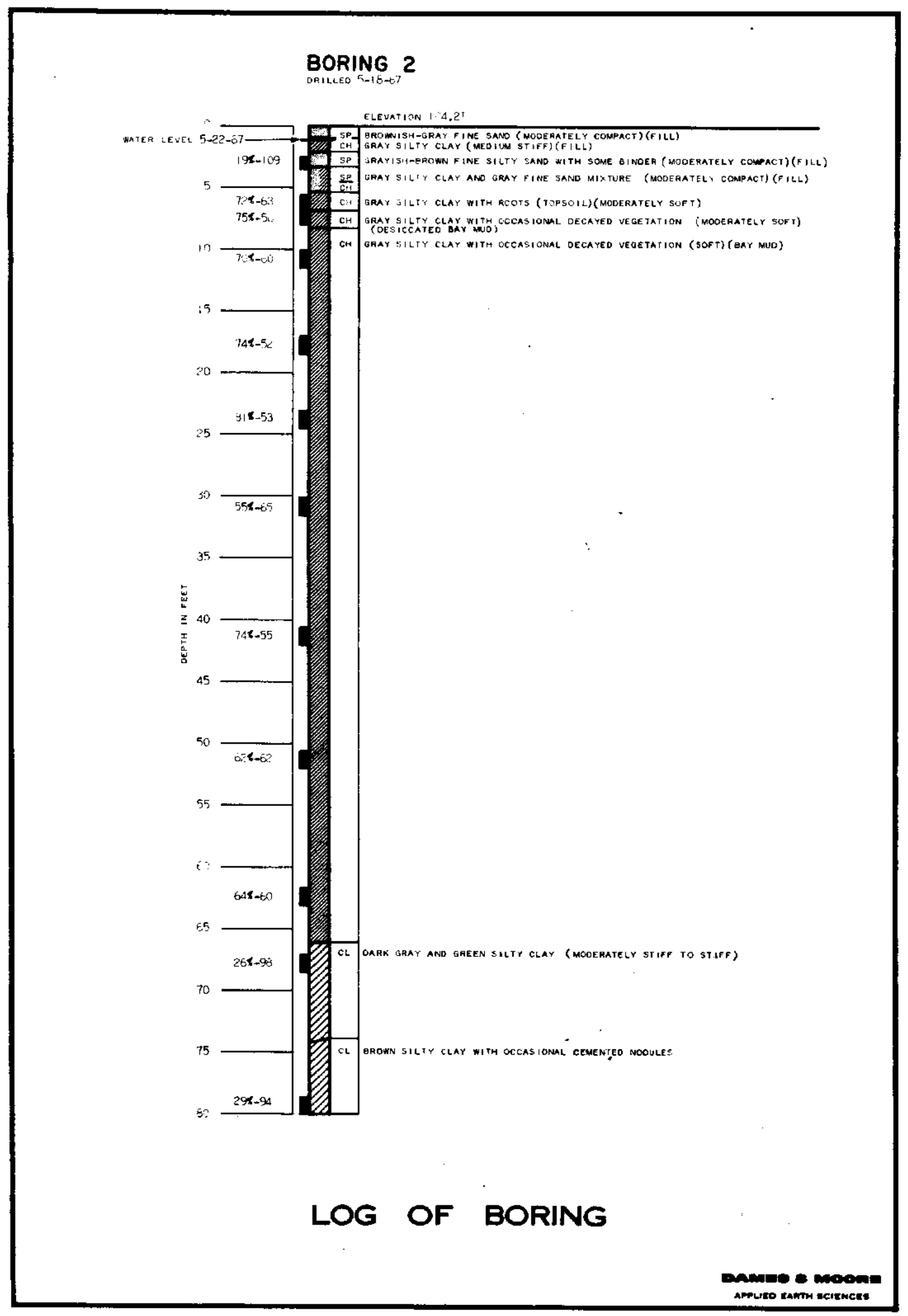

BORING 1 DRILLED 4-27-67
ELEVATION 105.2'
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
DEPTH IN FEET
WATER LEVEL 4-28-67
24%-96
64%-59
67%-57
80%-55
70%-55
64%-62
64%-65
55%-67
76%-53
63%-61
59%-63
52%-67
30%-92
24%-102
24%-103
23%-104
9%-139
34%-92
CH GRAYISH-BROWN SILTY CLAY WITH ROOTS. (SOFT)(FILL)
SP BROWN FINE TO MEDIUM SILTY SAND (MOD. COMPACT)(FILL)
CH DARK GRAY SILTY CLAY WITH OCCASIONAL SHELLS (SOFT)(FILL)
SP BROWN FINE SAND WITH CLAY LUMPS (MOD. COMPACT TO COMPACT) (FILL)
CH GRAYISH-BROWN SILTY CLAY WITH DECAYED VEGETATION (MEDIUM STIFF)(DESICCATED BAY MUD)
CH DARK GRAY SILTY CLAY WITH OCCASIONAL SHELLS (SOFT) (BAY MUD)
(GRADING MANY SHELLS)
(GRADING FEWER SHELLS)
(GRADING NO SHELLS)
(GRADING OCCASIONAL SHELLS AND DECAYED VEGETATION)
(GRADING NO SHELLS)
(GRADING FIRMER)
(GRADING MEDIUM STIFF WITH DECAYED VEGETATION)
CL MOTTLED GREENISH-GRAY SILTY CLAY WITH CEMENTED PARTICLES (MEDIUM STIFF TO STIFF)
ML GREEN FINE SANDY SILT (MEDIUM DENSE)
SP BROWN FINE SAND (MEDIUM DENSE)
SM GRAY SILTY FINE SAND (MEDIUM DENSE)
GW GRAYISH-BROWN GRAVELLY SAND MIXTURE (MEDIUM DENSE TO DENSE)
CL MOTTLED GREEN AND LIGHT BROWN SILTY CLAY (STIFF)
(GRADING WITH SUB-ROUNDED GRAVEL)

NOTES:
BORINGS DRILLED WITH 5" DIAM. ROTARY WASH EQUIPMENT.
ELEVATIONS REFER TO FOSTER CITY DATUM (MLLW +100 FT.).

LOG OF BORING

DAMES & MOORE
APPLIED EARTH SCIENCES

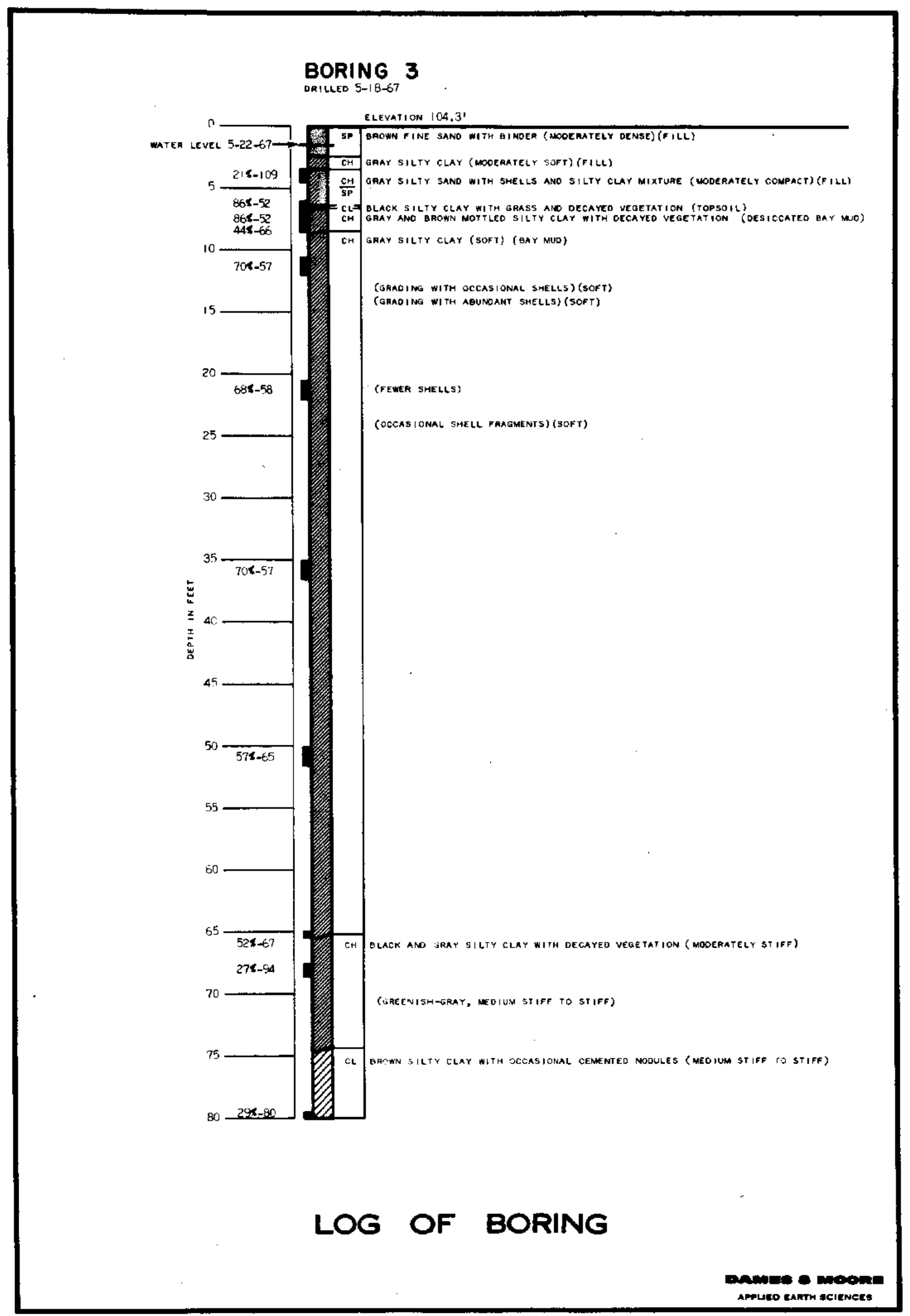
PLATE 2A


BORING 2
DRILLED 5-18-67
ELEVATION 104,2'
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
DEPTH IN FEET
WATER LEVEL 5-22-67
19%-109
72%-63
75%-5
70%-60
74%-52
91%-53
55%-65
74%-55
62%-62
64%-60
26%-98
29%-94
SP BROWNISH-GRAY FINE SAND (MODERATELY COMPACT)(FILL)
CH GRAY SILTY CLAY (MEDIUM STIFF)(FILL)
SP GRAYISH-BROWN FINE SILTY SAND WITH SOME BINDER (MODERATELY COMPACT)(FILL)
SP/CH GRAY SILTY CLAY AND GRAY FINE SAND MIXTURE (MODERATELY COMPACT)(FILL)
CH GRAY SILTY CLAY WITH ROOTS (TOPSOIL)(MODERATELY SOFT)
CH GRAY SILTY CLAY WITH OCCASIONAL DECAYED VEGETATION (MODERATELY SOFT) (DESICCATED BAY MUD)
CH GRAY SILTY CLAY WITH OCCASIONAL DECAYED VEGETATION (SOFT)(BAY MUD)
CL DARK GRAY AND GREEN SILTY CLAY (MODERATELY STIFF TO STIFF)
CL BROWN SILTY CLAY WITH OCCASIONAL CEMENTED NODULES

LOG OF BORING

DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE 2B


BORING 3
DRILLED 5-18-67
ELEVATION 104.3'
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
DEPTH IN FEET
WATER LEVEL 5-22-67
21%-109
86%-52
86%-52
44%-66
70%-57
68%-58
70%-57
57%-65
52%-67
27%-94
29%-80
SP BROWN FINE SAND WITH BINDER (MODERATELY DENSE)(FILL)
CH GRAY SILTY CLAY (MODERATELY SOFT)(FILL)
CH/SP GRAY SILTY SAND WITH SHELLS AND SILTY CLAY MIXTURE (MODERATELY COMPACT)(FILL)
CL BLACK SILTY CLAY WITH GRASS AND DECAYED VEGETATION (TOPSOIL)
CH GRAY AND BROWN MOTTLED SILTY CLAY WITH DECAYED VEGETATION (DESICCATED BAY MUD)
CH GRAY SILTY CLAY (SOFT) (BAY MUD)
(GRADING WITH OCCASIONAL SHELLS)(SOFT)
(GRADING WITH ABUNDANT SHELLS)(SOFT)
(FEWER SHELLS)
(OCCASIONAL SHELL FRAGMENTS)(SOFT)
CH BLACK AND GRAY SILTY CLAY WITH DECAYED VEGETATION (MODERATELY STIFF)
(GREENISH-GRAY, MEDIUM STIFF TO STIFF)
CL BROWN SILTY CLAY WITH OCCASIONAL CEMENTED NODULES (MEDIUM STIFF TO STIFF)

LOG OF BORING

DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE 2C

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FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

REVISIONS

JOB NUMBER
DESIGNED
DRAWN
CHECKED
DATE

A3a
OF SHEETS

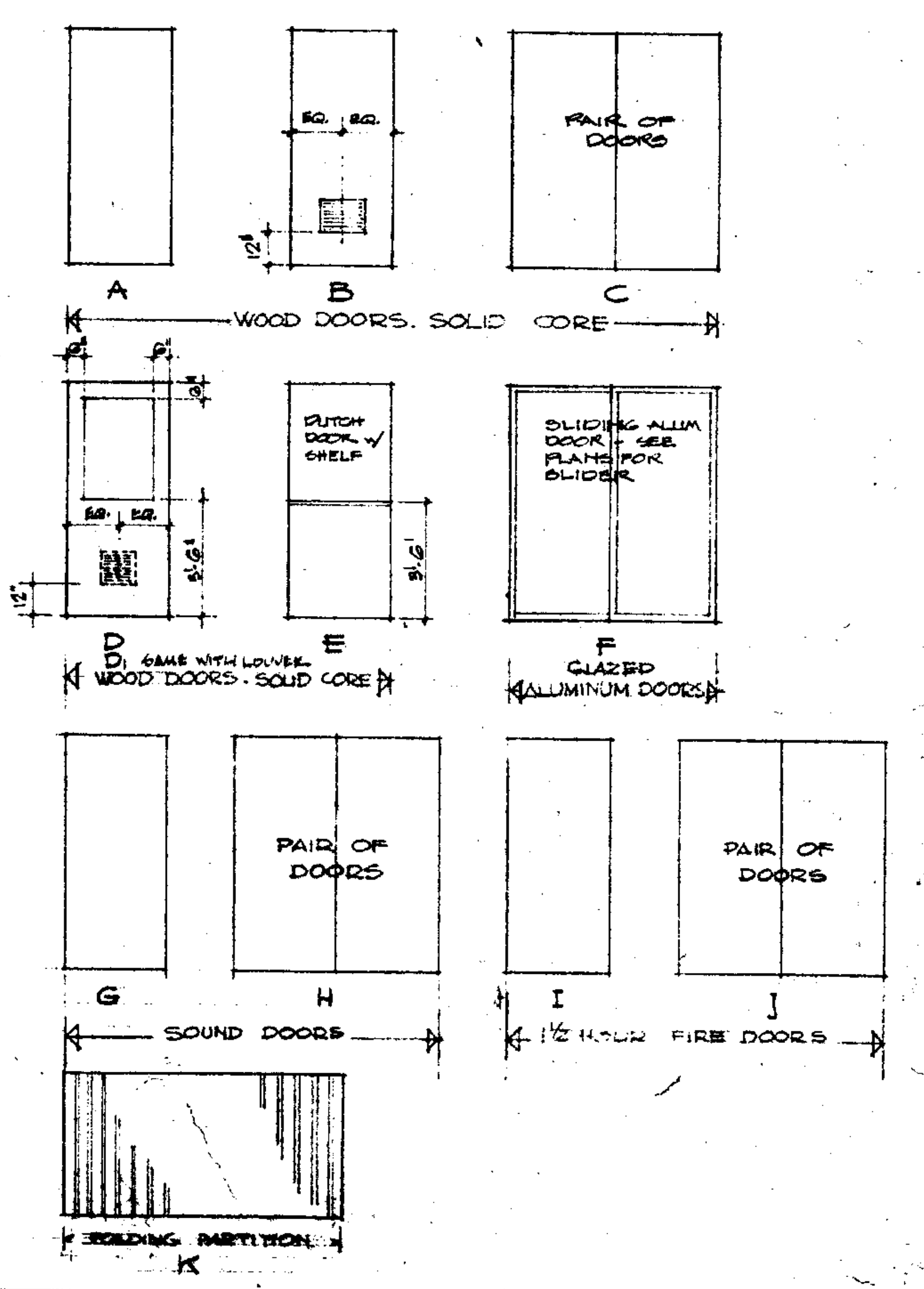
INTERIOR FINISH SCHEDULE - POD A

ROOM NAME	Nº	FLOOR								BASE				WALLS													CEILING							REMARKS
		CARPET	RESILIENT TILE	CERAMIC TILE	CONCRETE	CONCRETE COLORED	WOOD	POLISHED RESINE TERRAZZO	INDUSTRIAL TERRAZZO	6" WOOD (5½"x½" FINISH)	4" WOOD (3⅝"x½" FINISH)	CONCRETE	COVED POLISHED TERRAZZO	5/8" GYP. BD. PAINTED	TWO LAYERS 5/8" GYP. BD. PAINTED	VINYL WALL FABRIC on 5/8" GYP. BD.	VINYL WALL FABRIC ON TWO LAYERS 5/8" GYP. BD.	VINYL WALL FABRIC ON 1/2" GYP. BD + 5/8" GYP. BD.	VINYL WALL FABRIC ON 1/2" FIBER BD + 5/8" GYP. BD.	CEMENT PLASTER PAINTED	ACOUSTICAL TILE ON 5/8" GYP. BD.		GLAZED CERAMIC TILE	LAMITATED PLASTIC ON PARTICLE BD. + 5/8" GYP. BD. (1 OR 2 LAYERS)	ENAMELED ASBESTOS BD. ON 5/8" MOISTURE RESIST. GY. BD		CEILING HEIGHT	5/8" GYP BD. PAINTED	1/2" GYP. BD. PAINTED	TEXTURE FINISHED (ACOUSTIC) 5/8" GYP. BD.	TEXTURE FINISHED (ACOUSTIC) 1/2" GYP. BD	ACOUSTICAL TILE ON 5/8" GYP. BD	ACOUSTICAL TILE ON 1/2" GYP. BD	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)	(M)	(N)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)		(BB)	(CC)	(DD)	(EE)	(FF)	(GG)	
PUBLIC HALL	A1	●								●						●											8'-6"				●			
GENERAL OFFICE	A2	●								●						●											9'-10⅜"				●			
STUDENT HALL	A3	●								●						●											8'-6"				●			
WORK & STORAGE	A4		●								●			●													9'-10⅜"	●						
VICE PRINCIPAL	A5	●								●						●											9'-10⅜"				●			
CONFERENCE	A6	●								●						●											9'-10⅜"				●			
CONFERENCE	A7	●								●						●											9'-10⅜"				●			
PRINCIPAL	A8	●								●						●											9'-10⅜"				●			
VICE PRINCIPAL	A9	●								●						●											9'-10⅜"				●			
NURSE	A10	●								●						●											9'-10⅜"				●			
CLINIC	A11		●							●						●											9'-10⅜"				●			
TOILET	A12							●					●	●													9'-10⅜"		●					
PSYCHOLOGIST	A13	●								●						●											9'-10⅜"				●			
STORAGE	A14		●							●				●													9'-10⅜"	●						
MEN	A15							●					●	●													9'-10⅜"		●					
WOMEN	A16							●					●	●													9'-10⅜"		●					
CLOSET	A17	●								●				●													9'-10⅜"		●					

DOOR SCHEDULE - POD A

Nº	TYPE	SIZE			GLASS		LOUVER		FRAME	DETAILS				REMARKS	HDW.	U.L. LABEL	Nº PL.	NAME PLATE
		W.	HT.	TH.	W.	HT.	W.	HT.		JAMB	JAMB	HEAD	SILL					
A1	A	3'-0"	7'-0"	1¾"					M 5¼	11/AA2	12/AA2	6/AA3	3/AA2		1B			
A2	A	3'-0"	7'-0"	1¾"					M 5¼	12/AA2	11/AA2	5/AA3	3/AA2		1B			
A3	A	3'-0"	7'-0"	1¾"					M 5¼	16/AA2	17/AA2	2/AA2	3/AA2		2			
A4	A	3'-0"	7'-0"	1¾"					M 5¼	2/AA3	16/AA2	2/AA2	3/AA2		2			
A5	A	3'-0"	7'-0"	1¾"					M 5¼	16/AA2	16/AA2	2/AA2	3/AA2		2			
A6	A	3'-0"	7'-0"	1¾"					M 5¼	11/AA2	12/AA2	5/AA3	3/AA2		1B			
A7	A	3'-0"	7'-0"	1¾"					M 5¼	12/AA2	11/AA2	5/AA3	3/AA2		1B			
A8	A	3'-0"	7'-0"	1¾"					M 5¼	16/AA2	17/AA2	2/AA2	3/AA2		2			
A9	A	2'-4"	7'-0"	1¾"					M 6⅛	13/AT4	13/AT4	13/AT4			3			
A10	D1	2'-8"	7'-0"	1¾"	20"	30"	12"	12"	M 6⅝	14/AT4	14/AT4	14/AT4			4			
A11	B	2'-4"	7'-0"	1¾"			12"	6"	M 6⅝	14/AT4	14/AT4	14/AT4			5			
A12	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅝	14/AT4	14/AT4	14/AT4			6			
A13	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅛	13/AT4	13/AT4	13/AT4			6			
A14	B	2'-4"	7'-0"	1¾"			12"	6"	M 6⅝	14/AT4	14/AT4	14/AT4			7			
A15	B	2'-4"	7'-0"	1¾"			12"	6"	M 6⅝	14/AT4	14/AT4	14/AT4			7			
A16	B	3'-0"	7'-0"	1¾"			18"	12"	M 6⅝	14/AT4	14/AT4	14/AT4		FUSIBLE LINK LOUVER	6			
A17	A	3'-0"	7'-0"	1¾"					M 6⅝	14/AT4	14/AT4	14/AT4			6			
A18	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅝	14/AT4	14/AT4	14/AT4			6			
A19	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅝	14/AT4	14/AT4	14/AT4			6			
A20	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅝	14/AT4	14/AT4	14/AT4			6			
A21	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅝	14/AT4	14/AT4	14/AT4			6			
A22	D	3'-0"	7'-0"	1¾"	24"	30"			M 6⅝	14/AT4	14/AT4	14/AT4			6			
A23	K	13'-8"	8'-5"						WD.	1/AD1	3/AB1 SIM	2/AD1		FOLDING PARTITION - TYPE II CHECK DIMENSIONS AT JOB	13			
A24	A	3'0"	2'6"	1¾"					M.8"									

DOOR TYPES SCALE: 1/4" = 1'-0"



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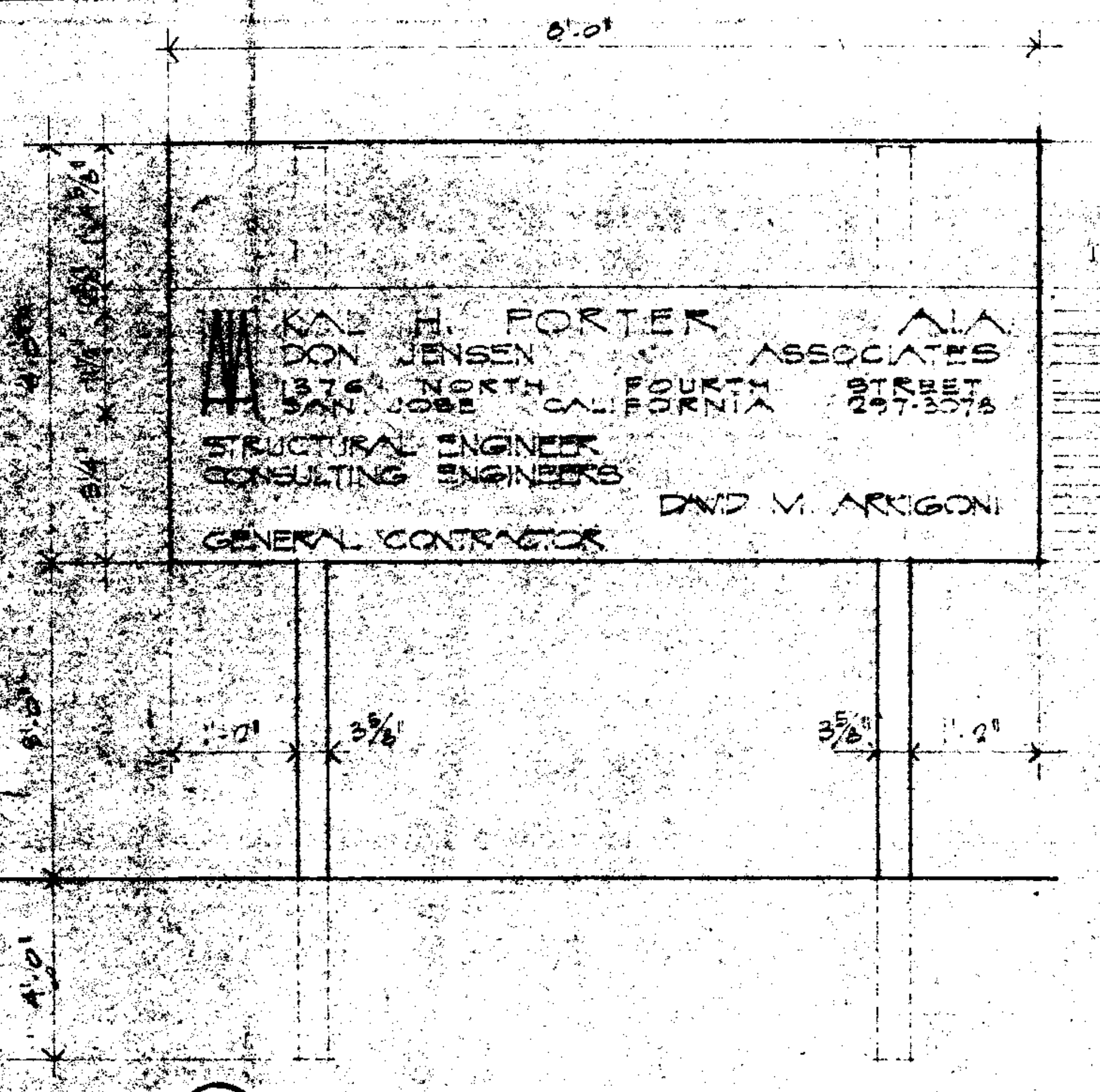
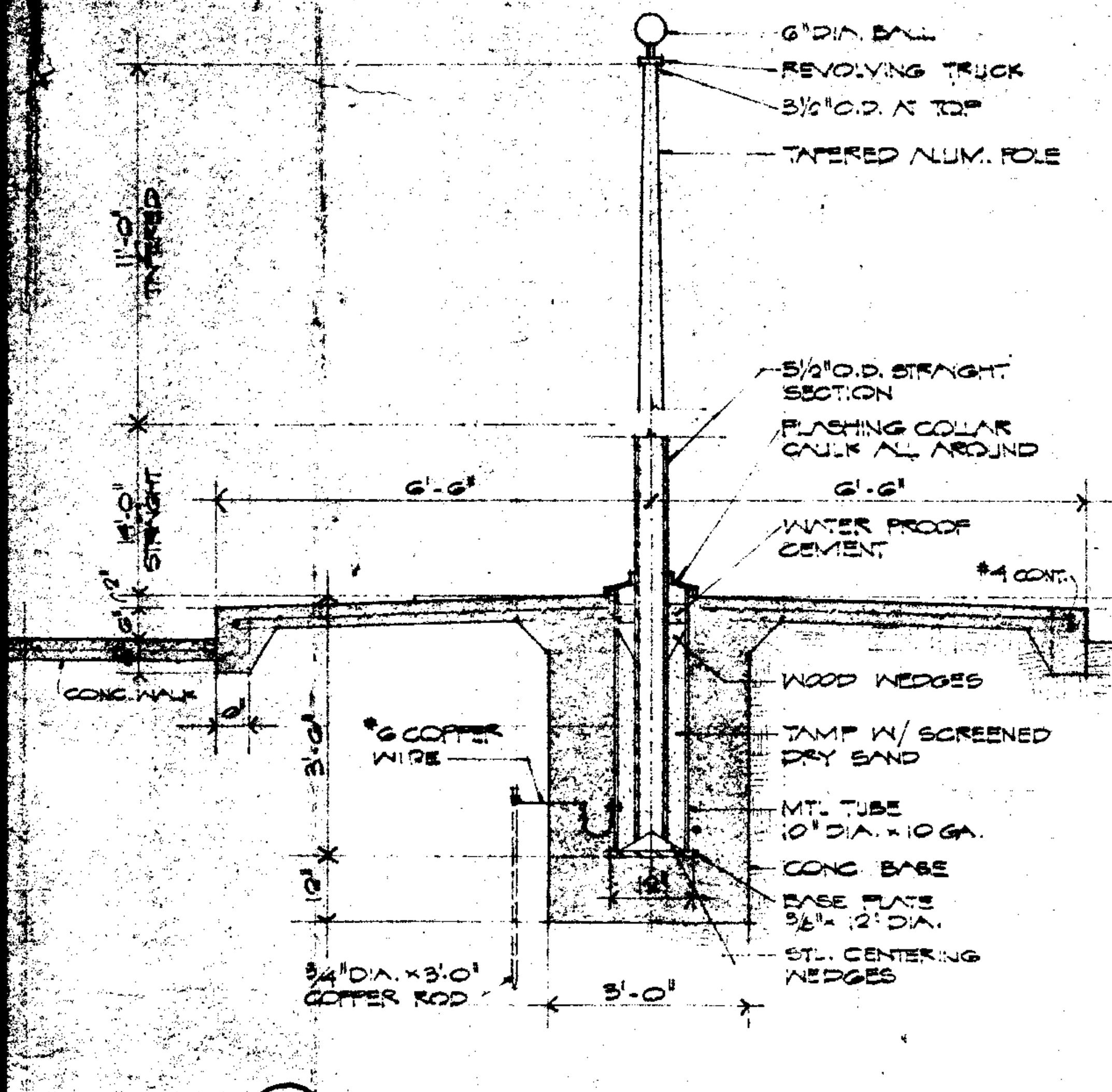
NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

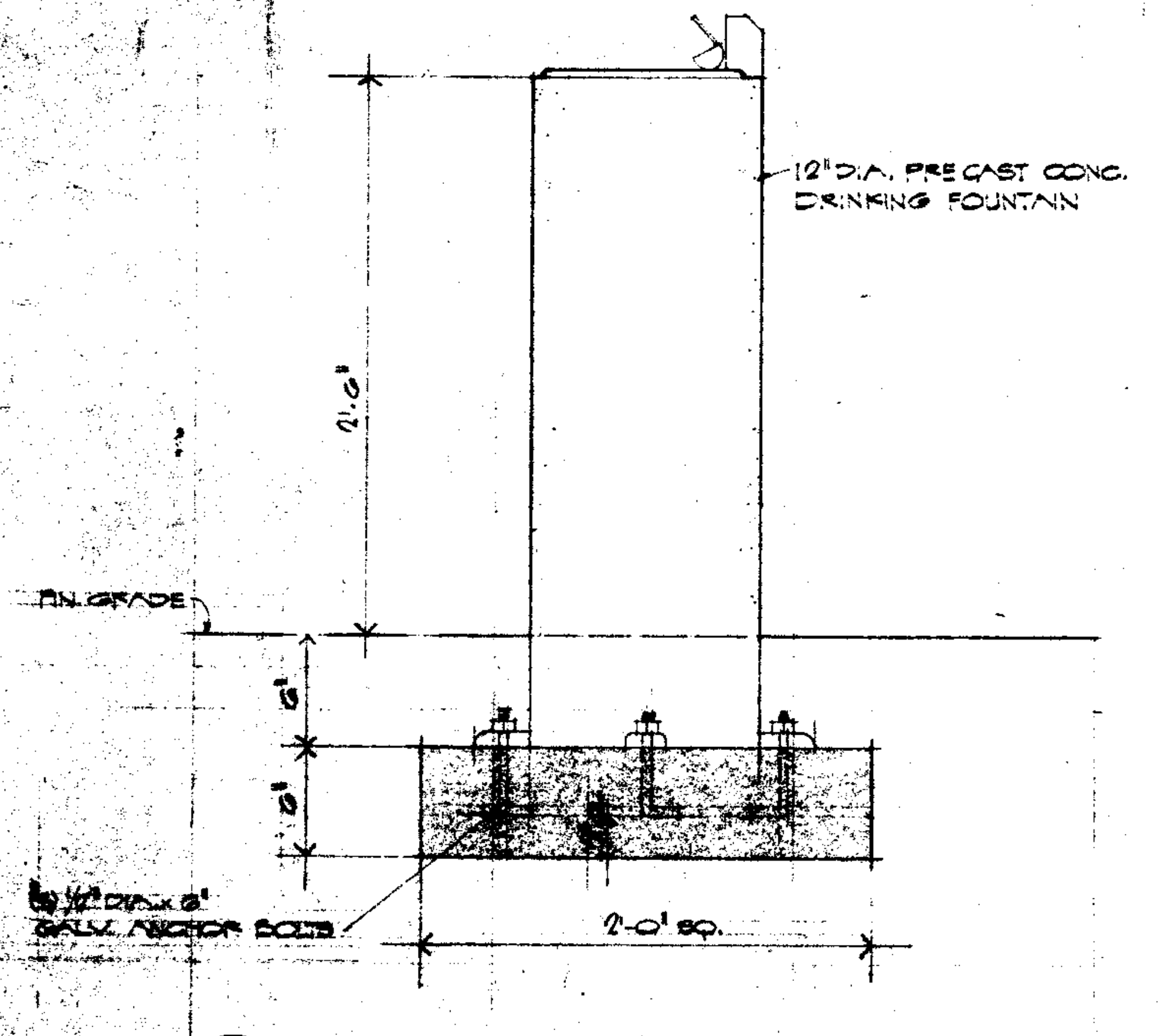
REVISIONS	JOB NUMBER 6605	
	DESIGNED	AA.1a
	DRAWN	
	CHECKED	
	DATE	OF SHEETS



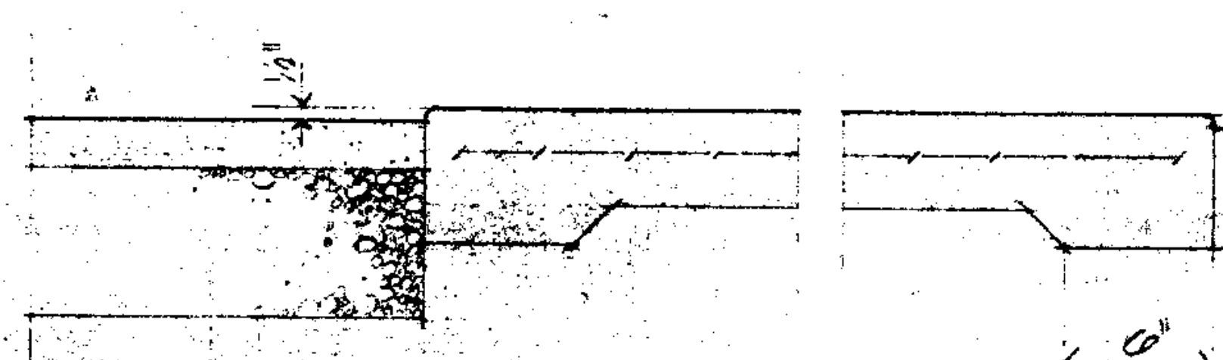
1/A4 JOB SIGN



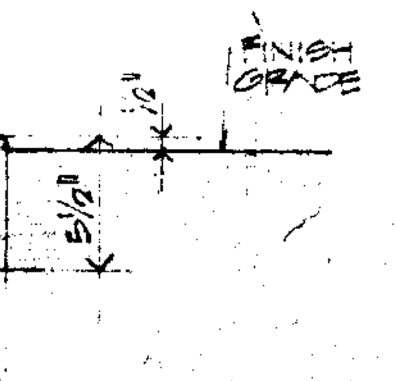
2/A4 FLAGPOLE ½"=1'


12" DIA. PRECAST CONC. DRINKING FOUNTAIN
FIN. GRADE
⅝" DIA. x 8" GALV. ANCHOR BOLTS
2'-0" SQ.

3/A4 DRINKING FOUNTAIN 1½"=1'

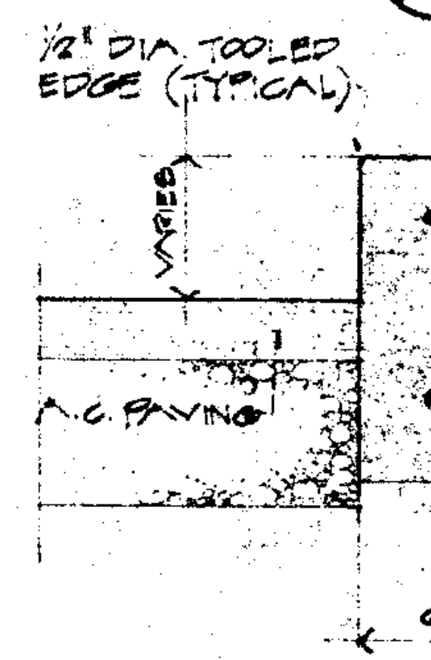


4/A4 EXTERIOR CONC. SLAB EDGE @ PAVING 1½"=1'

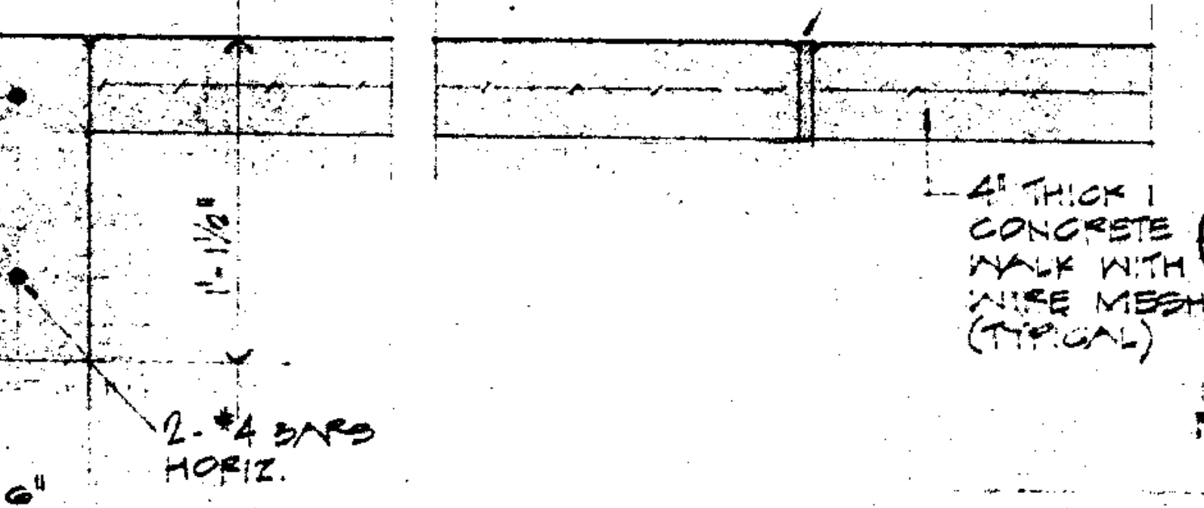


5/A4 EXTERIOR CONC. SLAB EDGE @ GRADE 1½"=1'

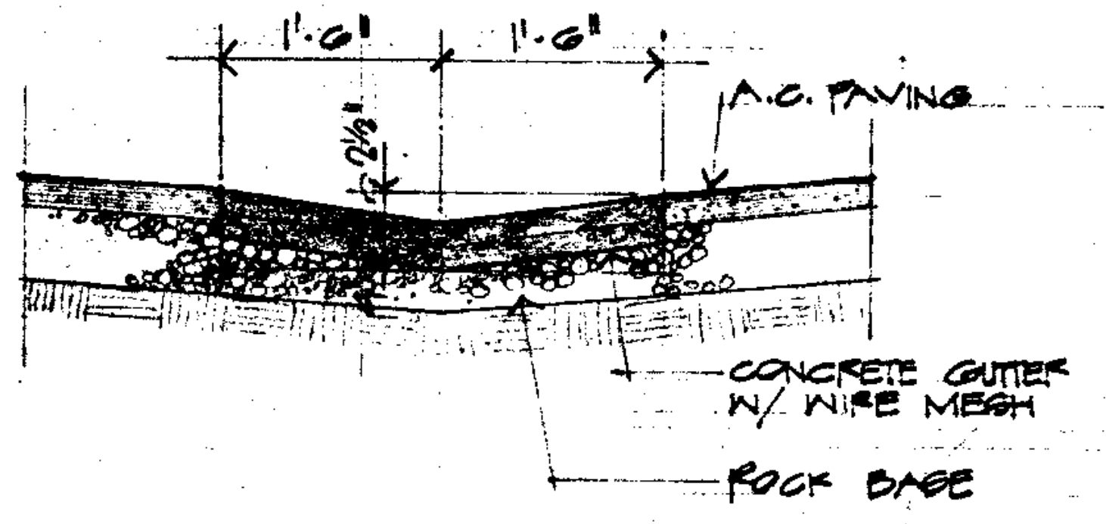
½"x4" EXPANSION JOINT, REDWOOD



6/A4 CONCRETE CURB 1½"=1'

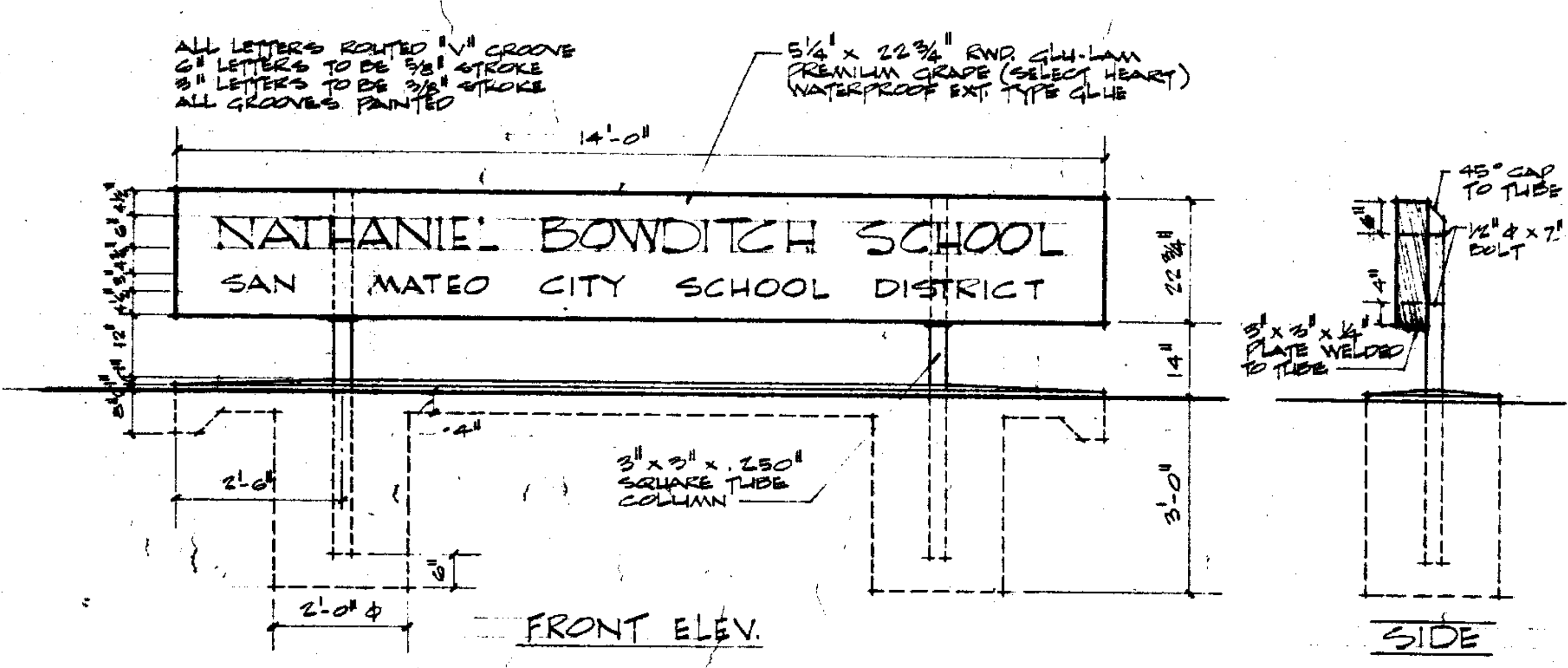


8/A4 CONC. WALK EXPANSION JOINT 1½"=1'

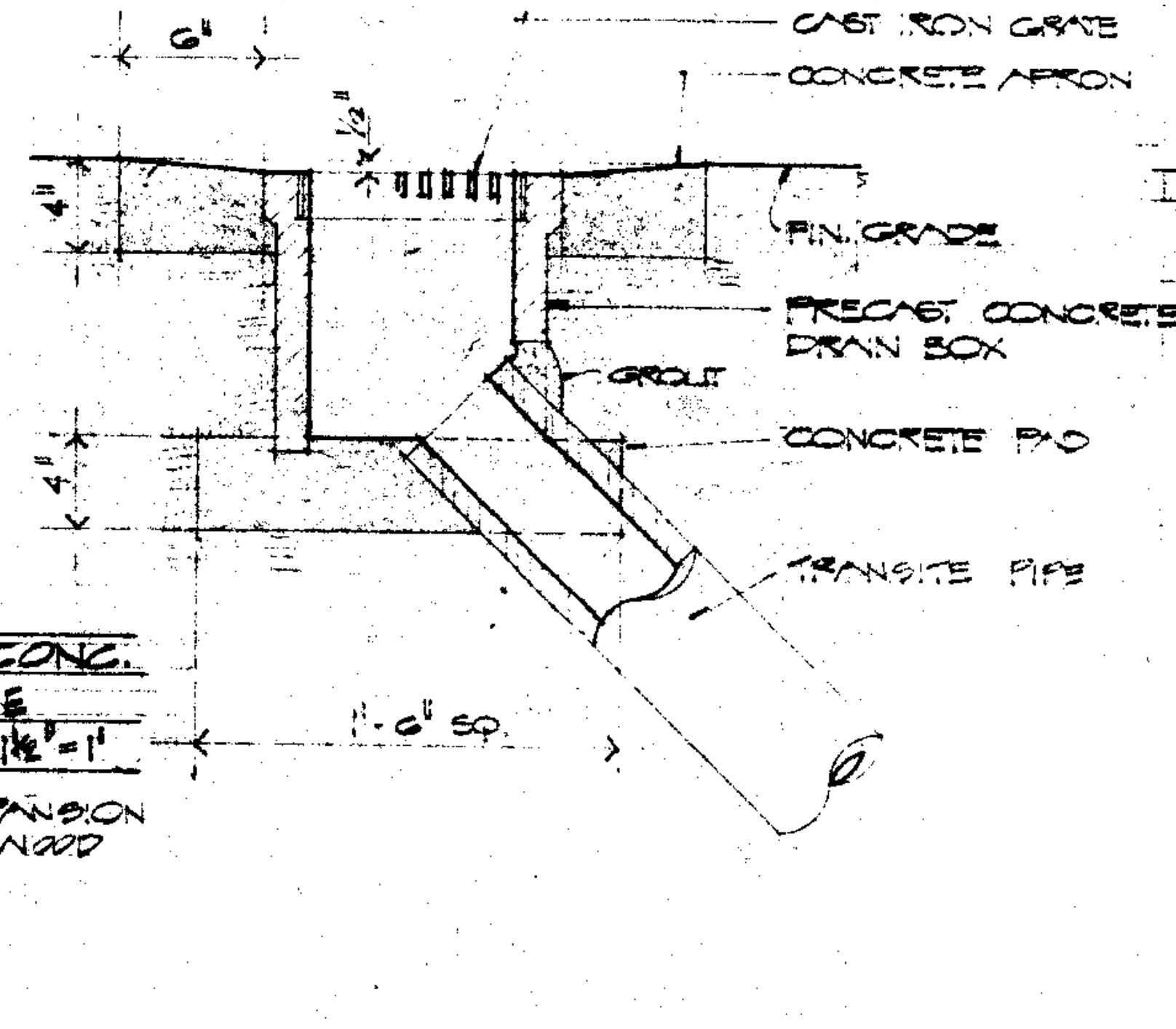


9/A4 CONCRETE GUTTER ¾"=1'

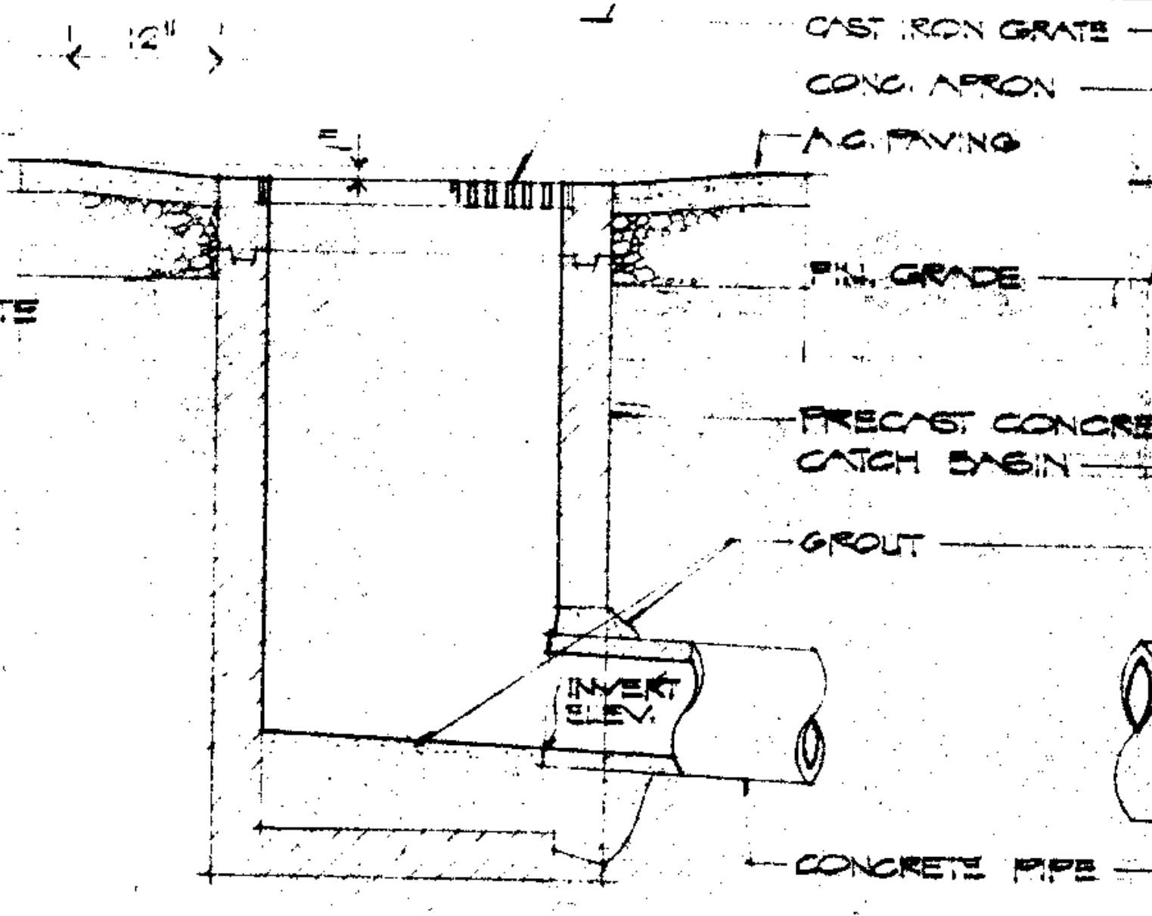
ALL LETTERS ROUTED ⅛" GROOVE
2" LETTERS TO BE ⅛" STROKE
3" LETTERS TO BE ⅜" STROKE
ALL GROOVES PAINTED


5¼" x 22⅝" RWD. GLU-LAM PREMIUM GRADE (SELECT HEART) WATERPROOF EXT. TYPE GLUE
14'-0"
NATHANIEL BOWDITCH SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
3" x 3" x .250" SQUARE TUBE COLUMN
3'-0"
2'-0"
45° CAP WELDED TO TUBE
½" x 7" LAG BOLT
PLATE WELDED TO TUBE
FRONT ELEV.
SIDE

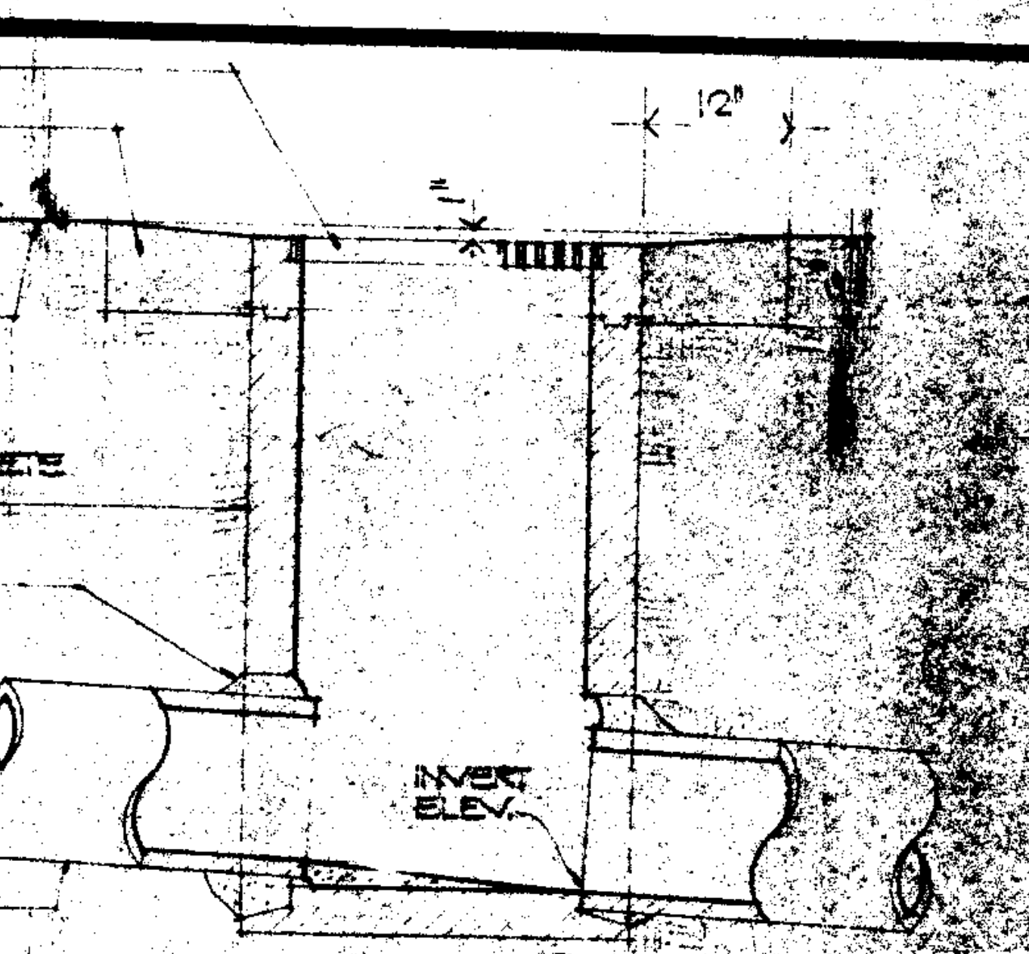
10/A4 SCHOOL SIGN ½"=1'-0"



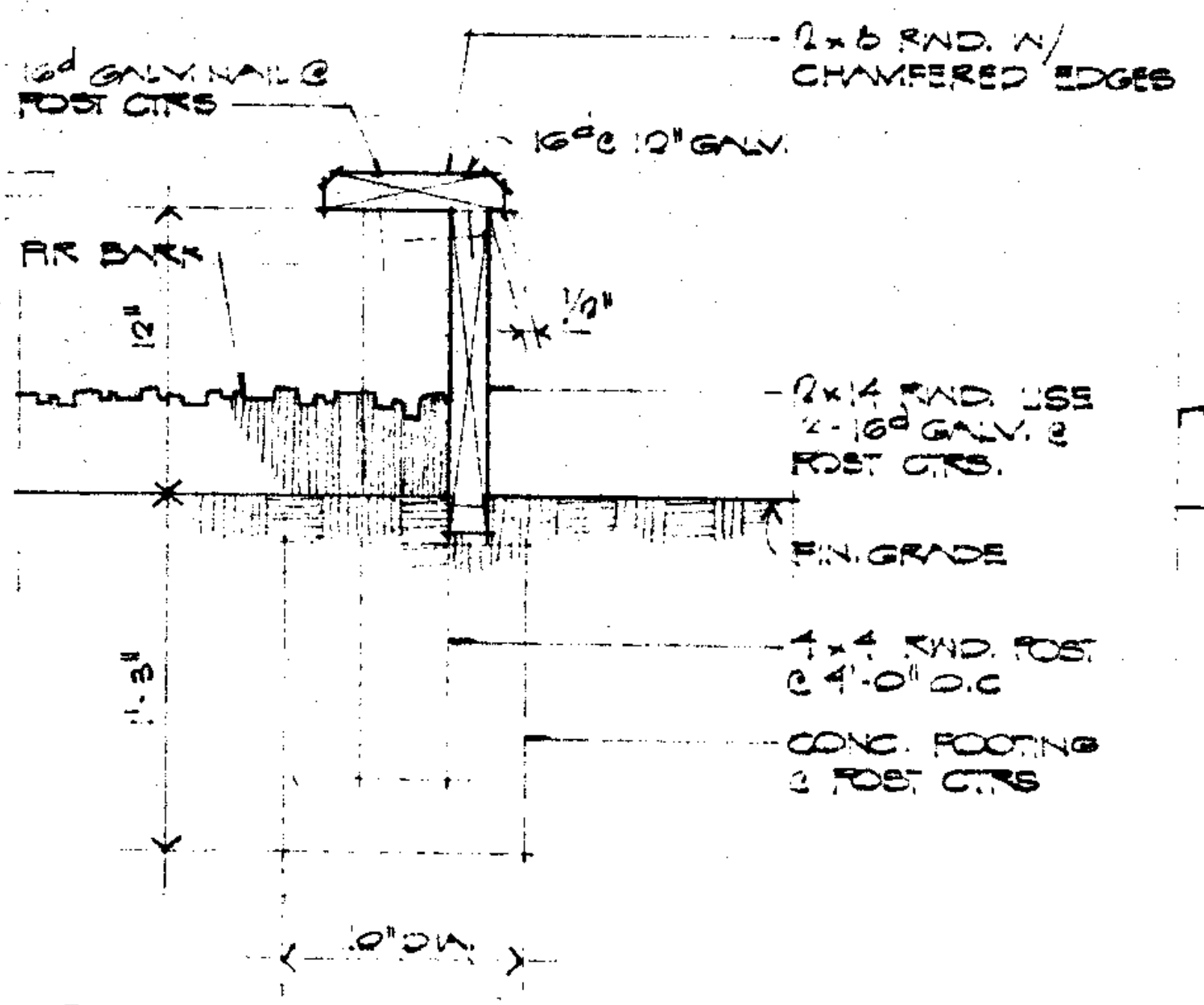
11/A4 AREA DRAIN 1½"=1'



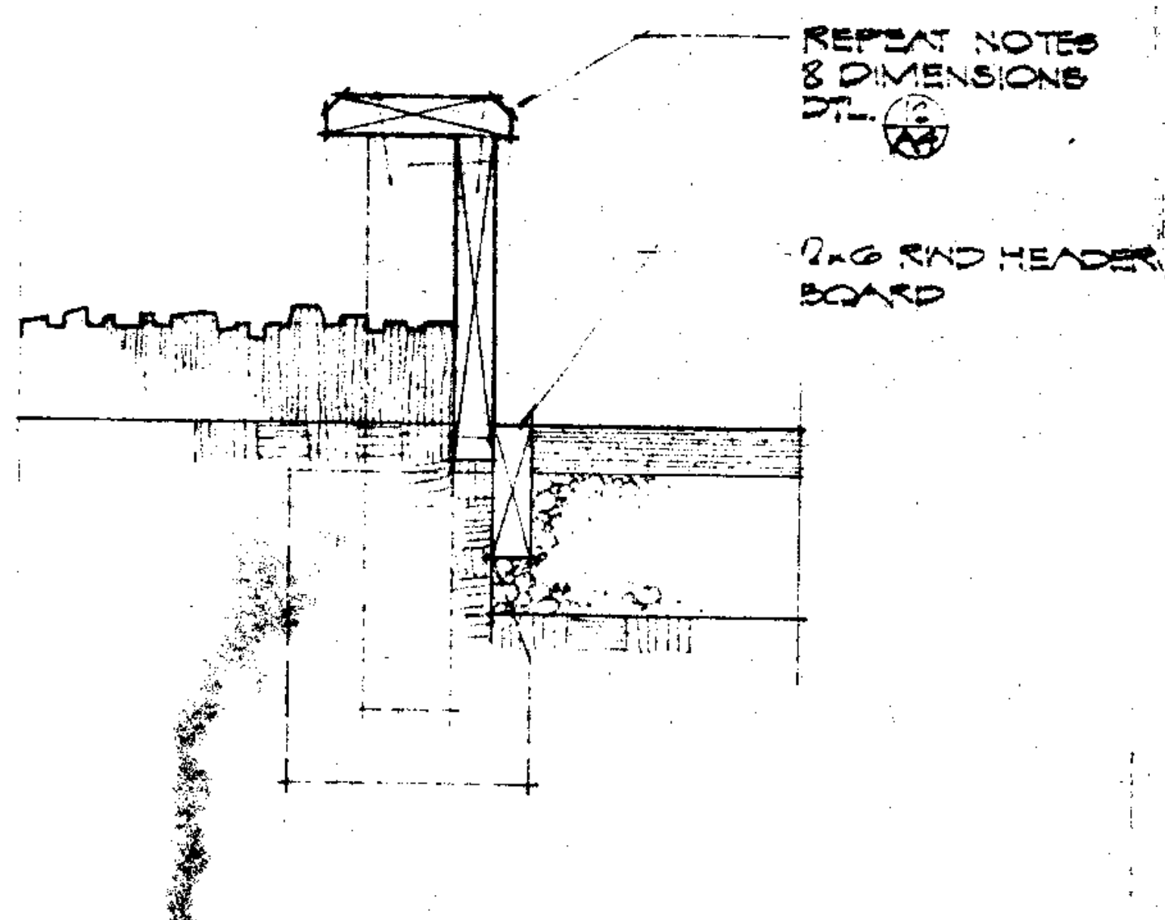
12/A4 CATCH BASIN ¾"=1'



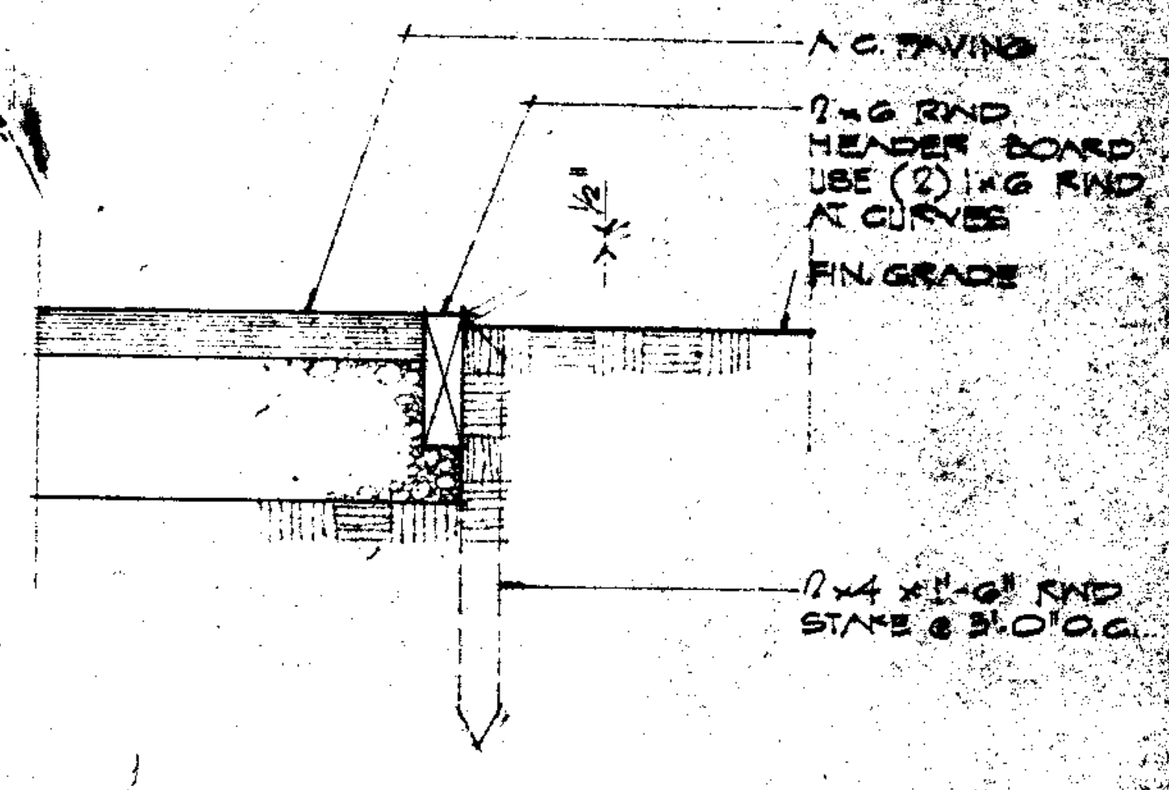
13/A4 CATCH BASIN ¾"=1'


2x6 RWD. W/ CHAMFERED EDGES
16d GALV. NAIL @ POST CTRS.
16d @ 10" GALV.
FIR BARK
2x14 RWD. USE 2-16d GALV. @ POST CTRS.
FIN. GRADE
4x4 RWD. POST @ 4'-0" O.C.
CONC. FOOTING @ POST CTRS.
10" DIA.

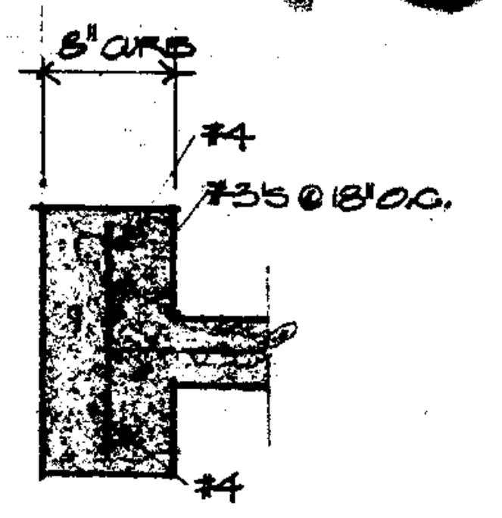
12/A4 FIR BARK HEADER 1½"=1'



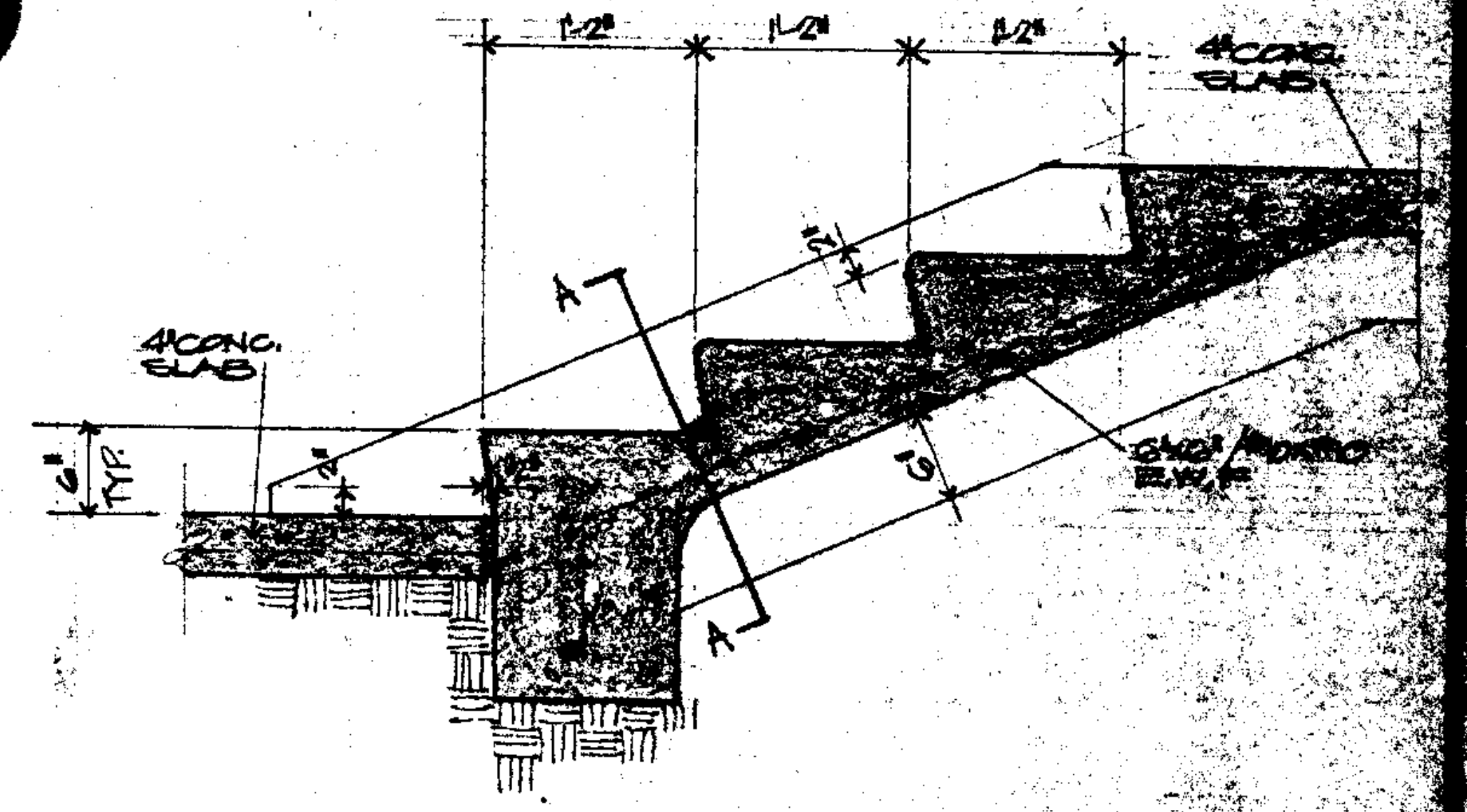
14/A4 FIR BARK HEADER 1½"=1'


A.C. PAVING
2x6 RWD. HEADER BOARD USE (2) 1x6 RWD AT CURVES
FIN. GRADE
2x4 x 1'-6" RWD STAKES @ 3'-0" O.C.

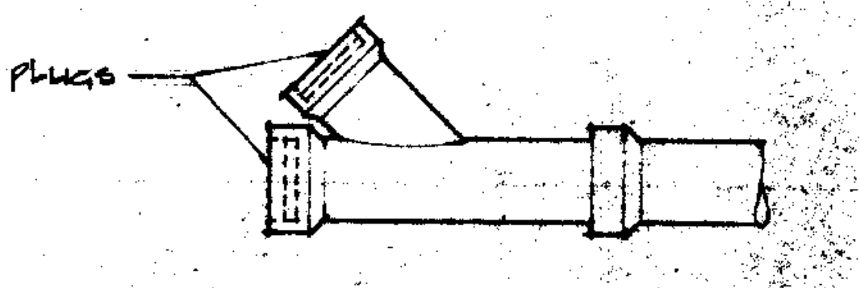
16/A4 HEADER BOARD



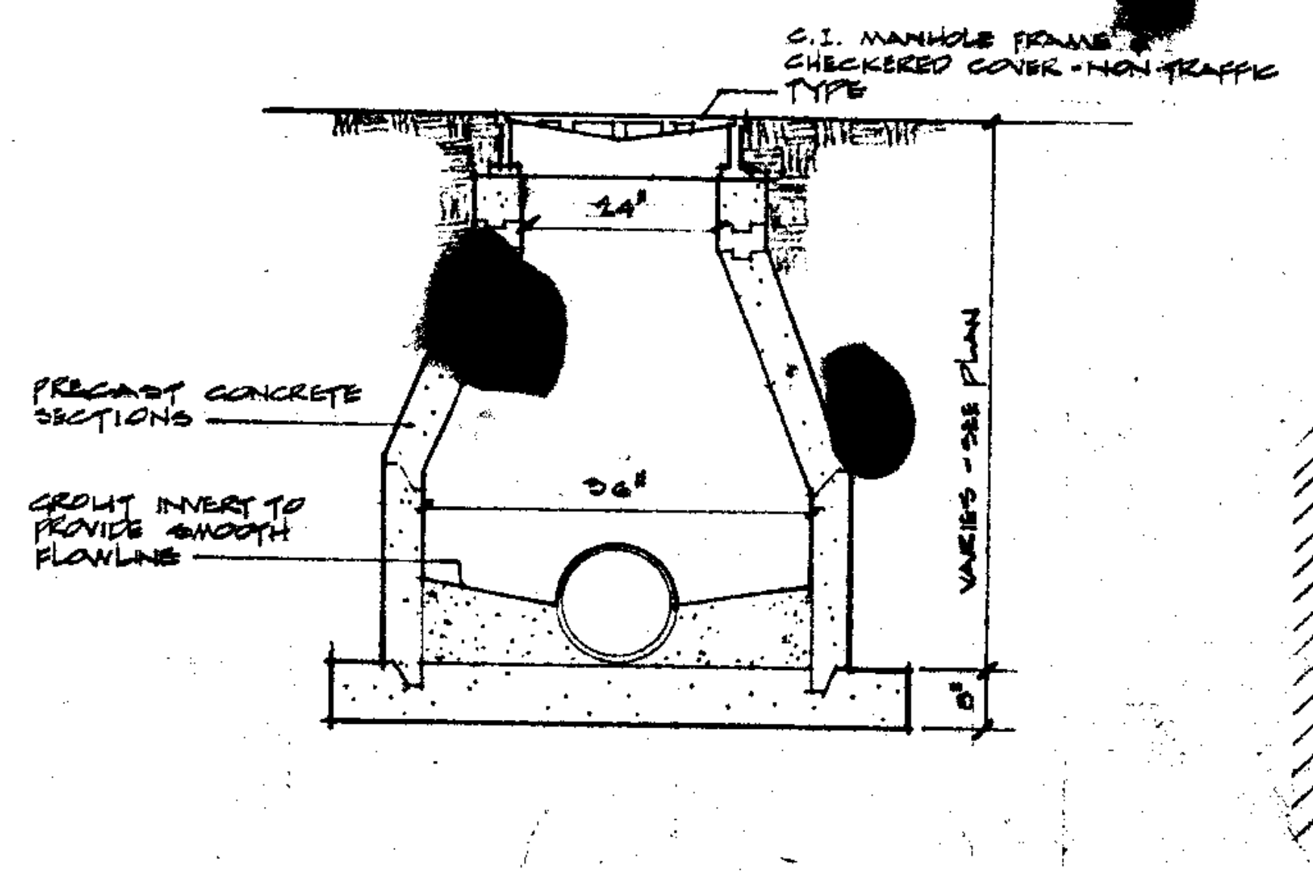
SECTION A-A



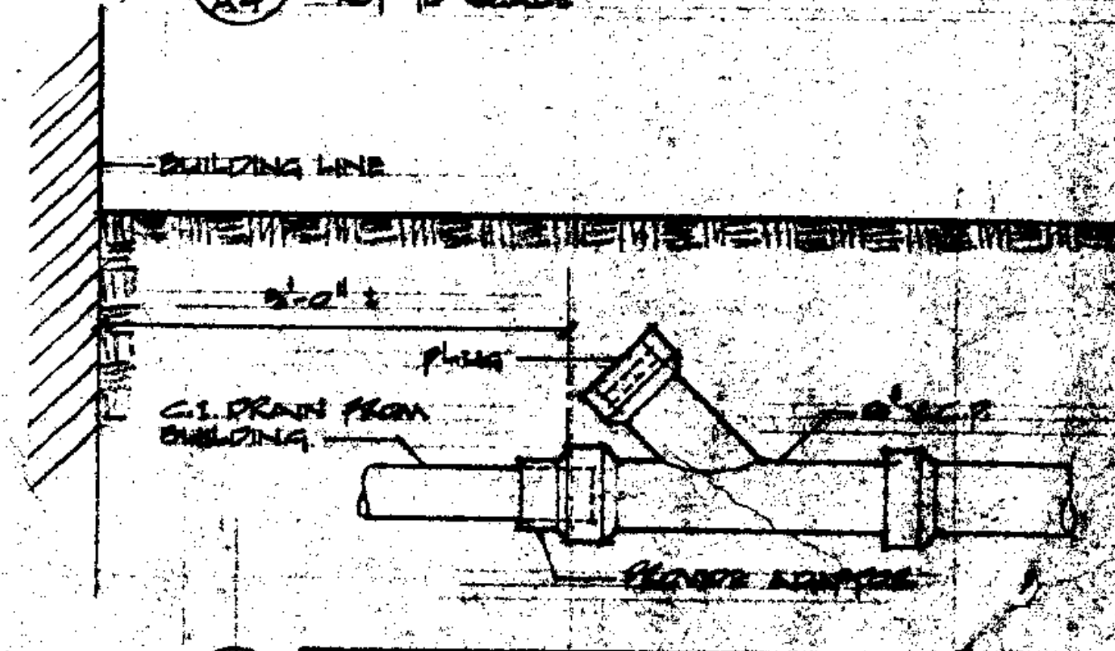
7/A4 MONUMENTAL STAIR 1"=1'-0"



17/A4 TYPICAL CLEANOUT NOT TO SCALE


C.I. MANHOLE FRAME & CHECKERED COVER - NON TRAFFIC TYPE
24"
PRECAST CONCRETE SECTIONS
GROUT INVERT TO PROVIDE SMOOTH FLOWLINE
36"
VARIES - SEE PLAN
8"

19/A4 TYPICAL MANHOLE DETAIL NOT TO SCALE



18/A4 TYPICAL CONNECTION @ BUILDING NOT TO SCALE

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
JAN 19 1968

STATE OF CALIFORNIA
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968

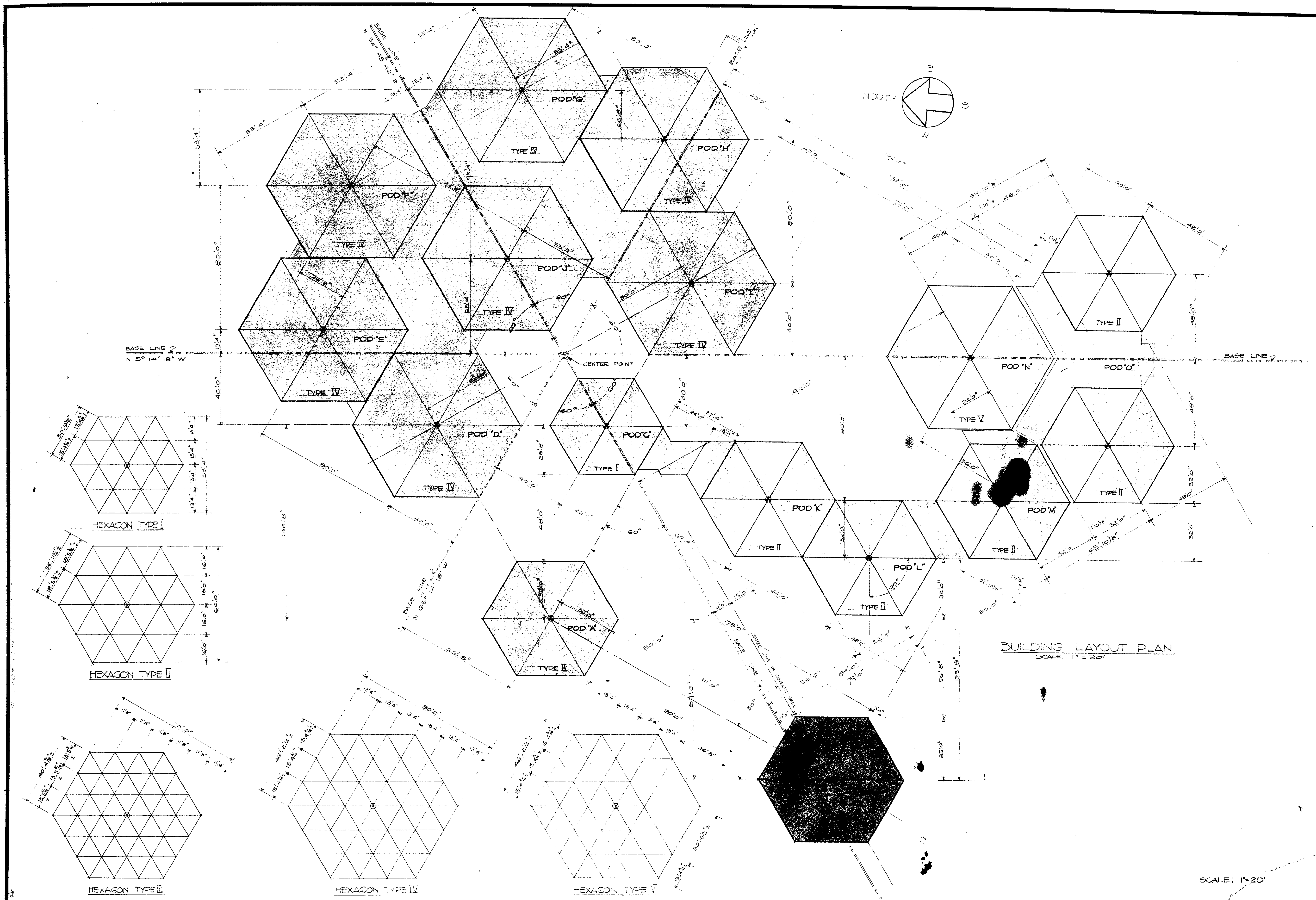
NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER A.I.A.
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

SITE PLAN DETAILS

REVISIONS

A-4



BUILDING LAYOUT PLAN
SCALE: 1" = 20'

SCALE: 1"=20'

APPROVED
STATE [illegible]
STATE [illegible]
DATE JAN [illegible]
BY: [illegible]

ARCHITECT:
BY:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

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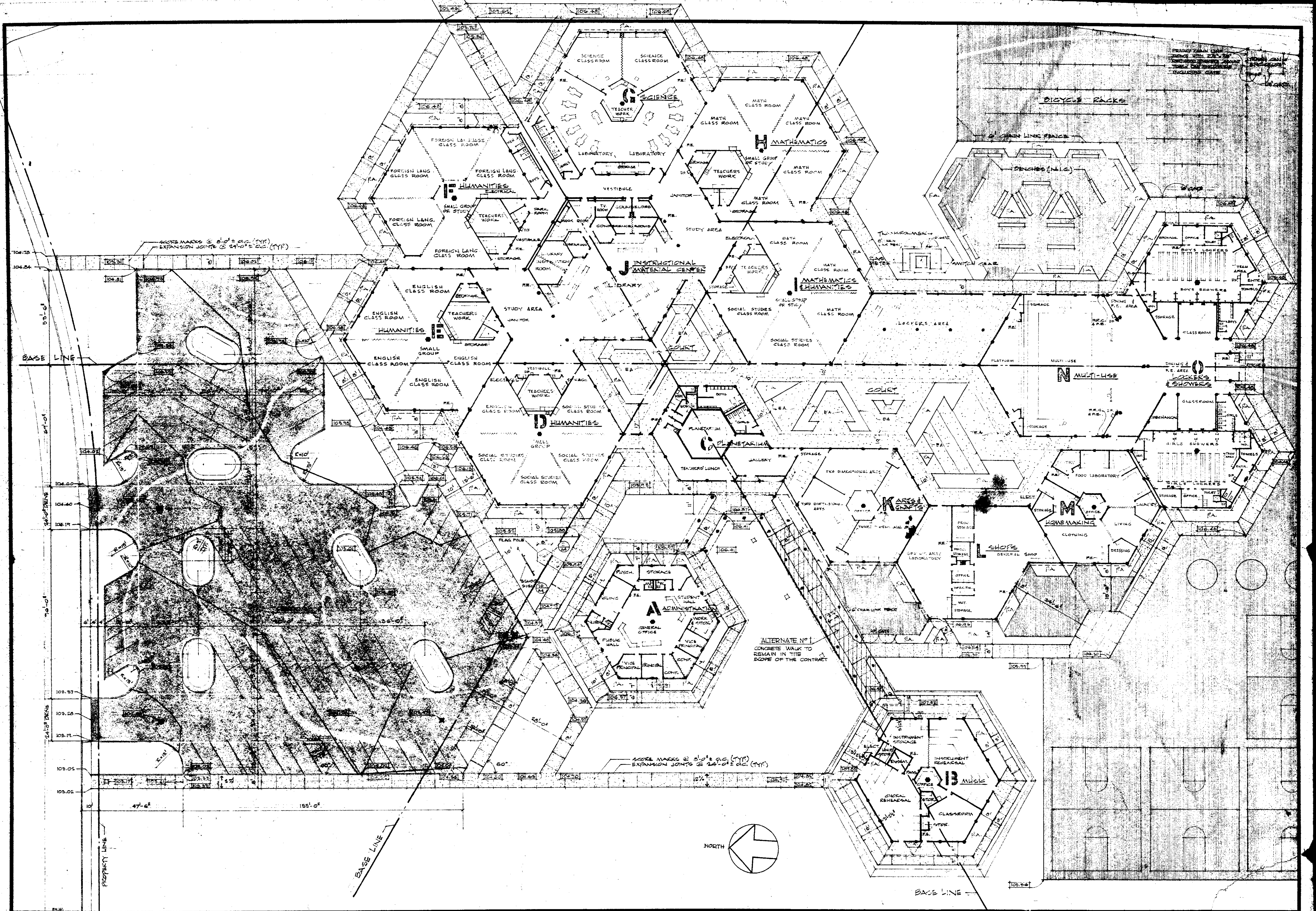
BUILDING LAYOUT

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE JAN. 12, 1968

A.5
OF 9 SHEETS



APPROVED
STATE [illegible]
DATE JAN 16 1968
BY

ARCHITECT: Kal H Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

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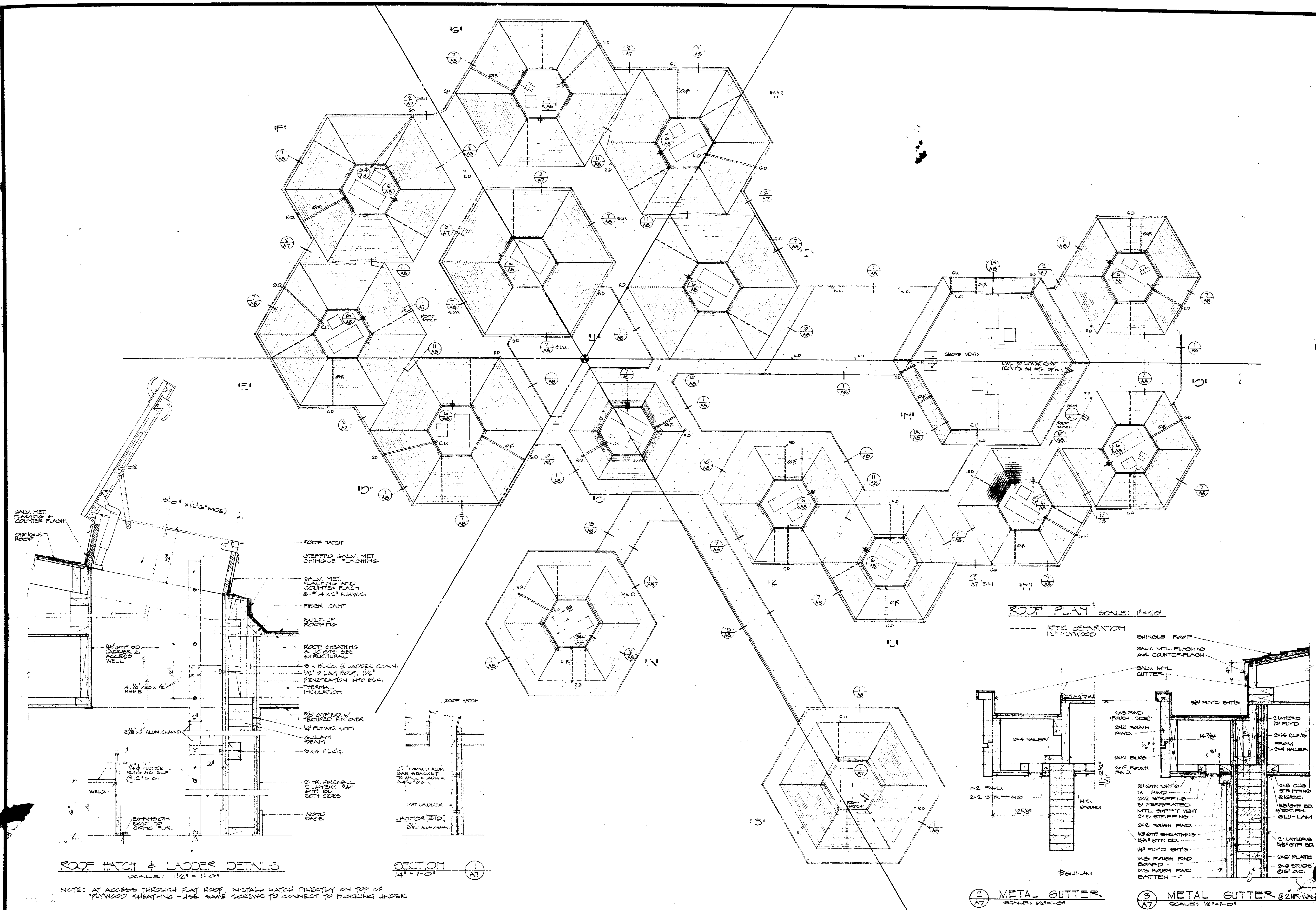
MASTER PLAN
1" = 20'

REVISIONS

JOB NUMBER	6605
DESIGNED	
DRAWN	
CHECKED	
DATE	

A.6
OF 9 SHEETS



ROOF PLAN SCALE: 1"=20'

ROOF HATCH & LADDER DETAILS
SCALE: 1 1/2" = 1'-0"

SECTION ① A7
1/4" = 1'-0"

② A7 METAL GUTTER
SCALE: 1/2"=1'-0"

③ A7 METAL GUTTER @ 2HR. WALL
SCALE: 1/2"=1'-0"

NOTE: AT ACCESS THROUGH FLAT ROOF, INSTALL HATCH DIRECTLY ON TOP OF PLYWOOD SHEATHING - USE SAME SCREWS TO CONNECT TO BLOCKING UNDER.

APPROVED STATE FIRE MARSHAL STATE DIVISION OF [illegible] DATE JAN 10 1968 BY	STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 29443 APPROVED JAN 16 1968
ARCHITECT: BY: Kal H Porter	

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

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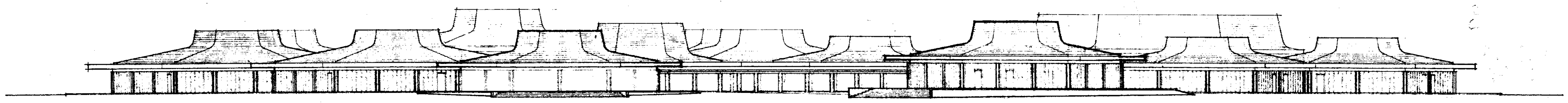
ROOF PLAN

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE JAN. 12 1968

A.7

OF 9 SHEETS



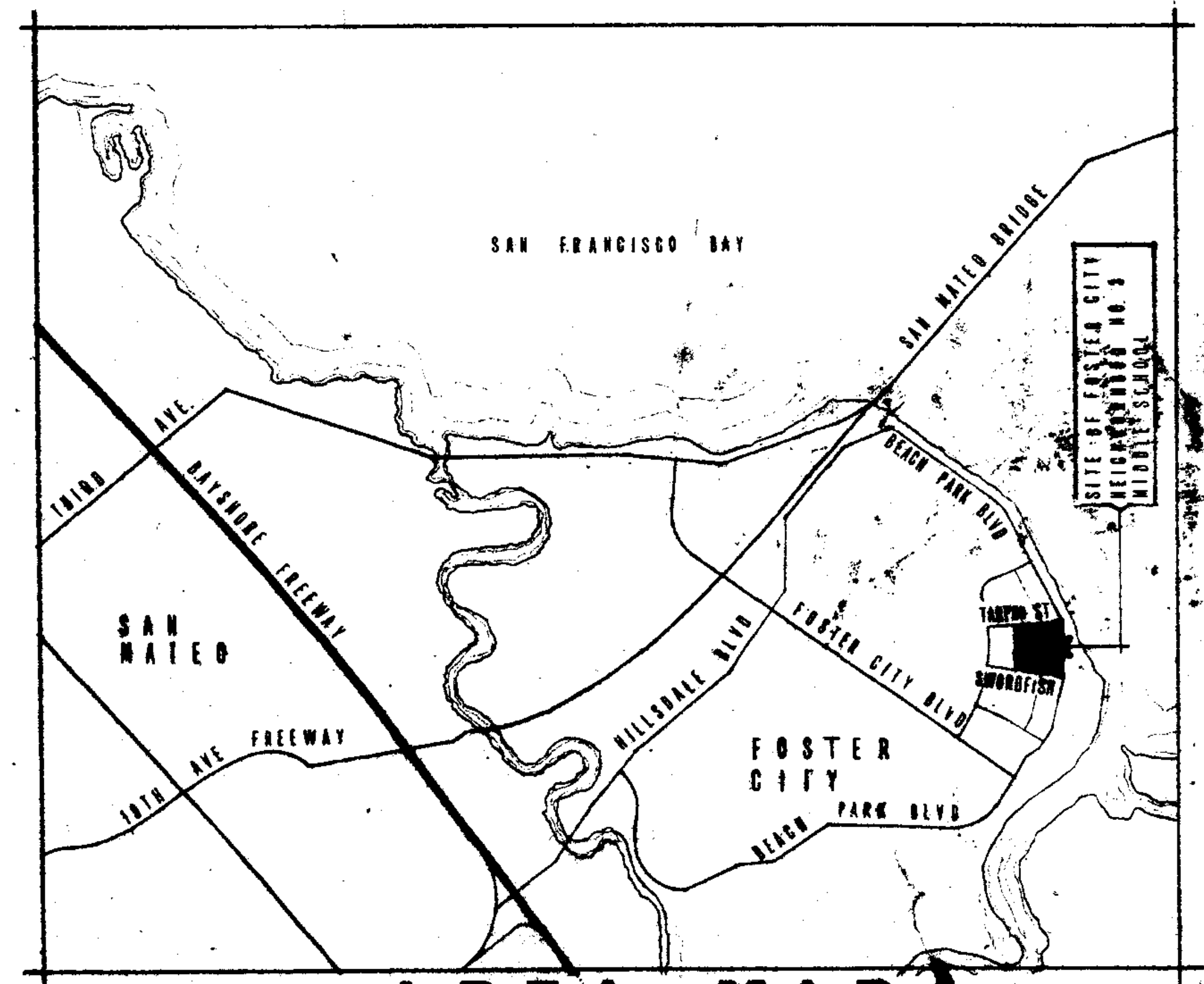
WEST ELEVATION scale 1" : 20'-0"

NATHANIEL BOWDITCH SCHOOL

FOSTER CITY NEIGHBORHOOD NO. 3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT

SAN MATEO SCHOOL DISTRICT BOARD MEMBERS
WILLIAM C. GILLESPIE, President
WILLIAM C. JOW, Vice President
RUTH K. NAGLER
DR. EDGAR F. DRUCKER
MARY JO HOWELL

HAROLD DEPUE, Superintendent



AREA MAP

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 1 1966

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 18 1966
PRINCIPAL STRUCTURAL ENGINEER

ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH ST
SAN JOSE, CALIFORNIA • TELEPHONE 297-

TITLE SHEET
LOCATION MAP

REVIS

ABBREVIATIONS

A

ALUM.	ALUMINUM
A.V.	AUDIO-VISUAL

B

BD.	BOARD
BLDG.	BUILDING
BLKG.	BLOCKING
BOTT.	BOTTOM

C

CEM.PLAS.	CEMENT PLASTER
C.B.	CHALK BOARD
C.C.	CENTER TO CENTER
CL.	CLOCK
COMPO.	COMPOSITION
CONC.	CONCRETE
CONT.	CONTINUOUS

D

DET.	DETAIL
D.F.	DOUGLAS FIR
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
D.M.	RECESSED RUBBER DOOR MAT

E

EL.	ELEVATION
E.J.	EXPANSION JOINT
E.W.F.	ELECTRICALLY WELDED FABRIC
E.A.	EXPOSED AGGREGATE

F

F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISER
F.S.V.B.	FIRE SPRINKLER VALVE BOX
F.H.M.S.	FLAT HEAD METAL SCREW
F.H.W.S.	FLAT HEAD WOOD SCREW

G

GA.	GAUGE
GAL.	GALVANIZED
GL.	GLASS
GLU.LAM.	GLUED LAMINATED
G.R.G.	GRAVITY RELIEF GRILLE
GYP. BD.	GYPSUM BOARD
G.D.	GUTTER DRAIN

H

HR.	HOUR
H.R.	HOSE RACK

I

INV.	INVERT.

J

K

L

LAM.	LAMINATED
LAV.	LAVATORY
L.C.	LUMINOUS CEILING

M

M.R.	MAP RAIL
MET.	METAL
M.	METAL

N

N.I.C.	NOT IN CONTRACT

O

O.C.	ON CENTER
O.F.	ROOF OVERFLOW

P

P.B.	PANIC BAR
PLUMB.	PLUMBING
PLYWD.	PLYWOOD

Q

R

REFR.	REFRIGERATOR
R.M.	REMOVABLE MULLION
RWL.	RAIN WATER LEADER
RDWD	RED WOOD
R.C.P.	REINFORCED CONCRETE PIPE

S

SPEC.	SPECIFICATIONS
SK.	SINK
STRUC.	STRUCTURAL
S4S	SURFACED 4 SIDES

T

T.B.	TACK BOARD
T.C.P.	TEMPERATURE CONTROL PANEL
TYP.	TYPICAL

U

UR.	URINAL

V

V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
V.C.P.	VITRIFIED CLAY PIPE

W

W.C.	WATER CLOSET
W. OR W.D.	WOOD

X

Y

Z

INTERIOR FINISH SYMBOLS

FLOOR

Ⓐ	CARPET
Ⓑ	RESILIENT TILE
Ⓒ	CERAMIC TILE
Ⓓ	CONCRETE - NATURAL
Ⓔ	CONCRETE - COLORED
Ⓕ	WOOD
Ⓖ	POLISHED RESINE TERRAZZO
Ⓗ	INDUSTRIAL TERRAZZO

BASE

Ⓙ	6" WOOD
Ⓚ	4" WOOD
Ⓛ	CONCRETE
Ⓜ	COVED POLISHED RESINE TERRAZZO

WALLS

Ⓝ	5/8" GYPSUM BOARD PAINTED
Ⓟ	1/2" GYPSUM BOARD PAINTED
Ⓠ	VINYL WALL FABRIC ON 5/8" GYPSUM BOARD
Ⓡ	VINYL WALL FABRIC ON 1/2" GYPSUM BOARD
Ⓢ	VINYL WALL FABRIC ON 1/2" GYPSUM BOARD + 5/8" GYPSUM BOARD
Ⓣ	VINYL WALL FABRIC ON 1/2" FIBER BOARD + 5/8" GYPSUM BOARD
Ⓤ	CEMENT PLASTER PAINTED
Ⓥ	ACOUSTIC TILE ON 5/8" GYPSUM BOARD
Ⓦ	ACOUSTIC TILE ON 1/2" GYPSUM BOARD
Ⓧ	GLAZED CERAMIC TILE
Ⓨ	LAMINATED PLASTIC ON PARTICLE BOARD + 5/8 GYPSUM BOARD
Ⓩ	ENAMELED ASBESTOS ON 5/8 GYPSUM BOARD
(AA)	

CEILING

(BB)	5/8" GYPSUM BOARD PAINTED
(CC)	1/2" GYPSUM BOARD PAINTED
(DD)	TEXTURED FINISHED 5/8" GYPSUM BOARD (ACOUSTICAL)
(EE)	TEXTURED FINISHED 1/2" GYPSUM BOARD (ACOUSTICAL)
(FF)	ACOUSTICAL TILE ON 5/8" GYPSUM BOARD
(GG)	ACOUSTICAL TILE ON 1/2" GYPSUM BOARD

DRAWING SYMBOLS

104.00	EXISTING CONTOUR LINE
105.00	NEW CONTOUR LINE
C.B.	CATCH BASIN
M.H.	MAN HOLE
×—×—×	CHAIN LINK FENCE
▨	CONCRETE WALK
▨	ASPHALT PAVING
▨	BUILT-UP ROOFING
▨	ASPHALT SHINGLE ROOFING
▬	TWO-HOUR FIRE SEPARATION
℄	CENTER LINE
1	SECTION NUMBER
AS1	SHEET NUMBER
1	DETAIL NUMBER
AA1	SHEET NUMBER
A.1	ROOM NUMBER
A1	DOOR NUMBER
A	ROOM CORNER MARK
1	CABINET NUMBER
D.F.	DRINKING FOUNTAIN
A	EXTERIOR PANEL TYPE
RESILIENT CHANNELS	ACOUSTICAL WALL
▨	FIBERBOARD

GENERAL NOTES

1. ALL "N.I.C." & FUTURE ITEMS ARE NOT INCLUDED IN THE SCOPE OF THE APPROVAL OF THIS CONTRACT.
2. ALL CASE & CABINET WORK SHALL BE SECURILY FASTENED TO THE STRUCTURE
3. ALL RECESSED LIGHT FIXTURES SHALL HAVE 1 HOUR BACKING IN 1 HOUR RATED CEILING (5/8" GYP

INDEX TO DRAWINGS

ARCHITECTURAL

GENERAL

A1	COVER SHEET
A2	INDEX
A3	SITE PLAN & STORM DRAINAGE
A3a	LOGS OF BORINGS
A4	SITE PLAN DETAILS
A5	BUILDING LAYOUT
A6	MASTER PLAN
A7	ROOF PLAN
A8	ROOF DETAILS
A9	CABINET SCHEDULE

ARCHITECTURAL SECTIONS

AS1	PODS "A" "B" & "C"
AS2	PODS "D" "E" "F" "G" "H" & "I"
AS3	PODS "J" "K" & "L"
AS4	PODS "M" & "N"
AS5	POD "N"
AS6	POD "O"

POD "A"

AA1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AA1a	INTERIOR FINISH & DOOR SCHEDULES
AA2	POD "A" EXTERIOR ELEVATIONS & DETAILS
AA3	POD "A" EXTERIOR DETAILS

POD "B"

AB1	FLOOR PLAN · REFLECTED CEILING PLAN
AB1a	INTERIOR FINISH & DOOR SCHEDULES
AB2	INTERIOR ELEVATIONS

POD "C"

AC1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AC1a	INTERIOR FINISH & DOOR SCHEDULES

POD "D"

AD1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AD1a	INTERIOR FINISH & DOOR SCHEDULES

POD "E"

AE1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AE1a	INTERIOR FINISH & DOOR SCHEDULES

POD "F"

AF1	FLOOR PLAN · REFLECTED CEILING [illegible]
AF1a	INTERIOR FINISH & DOOR SCHEDULES
AF2	INTERIOR ELEVATIONS

POD "G"

AG1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AG1a	INTERIOR FINISH & DOOR SCHEDULES

POD "H"

AH1	FLOOR PLAN · REFLECTED CEILING PLAN
AH1a	INTERIOR FINISH & DOOR SCHEDULES
AH2	INTERIOR ELEVATIONS

POD "I"

AI1	FLOOR PLAN · REFLECTED CEILING PLAN
AI1a	INTERIOR FINISH & DOOR SCHEDULES
AI2	INTERIOR ELEVATIONS

POD "J"

AJ1	FLOOR PLANS
AJ1a	INTERIOR FINISH & DOOR SCHEDULES
AJ2	REFLECTED CEILING PLANS
AJ3	INTERIOR ELEVATIONS
AJ4	STAIR DETAILS

POD "K"

AK1	FLOOR PLAN · REFLECTED CEILING PLAN · INTERIOR ELEVATIONS
AK1a	INTERIOR FIN

POD "L"

AL1	FLOOR PLAN · REFLECTED CEILING P[illegible] INTERIOR ELEVATIONS
AL1a	INTERIOR FINISH & DOOR SCHEDULES

POD "M"

AM1	FLOOR PLAN · REFLECTED CEILING PLAN
AM1a	INTERIOR FINISH & DOOR SCHEDULES
AM2	INTERIOR ELEVATIONS

POD "N"

AN1	FLOOR PLAN · REFLECTED CEILING PLAN
AN1a	INTERIOR FINISH & DOOR SCHEDULES
AN2	INTERIOR ELEVATIONS

POD "O"

AO1	FLOOR PLAN · REFLECTED CEILING PLAN
AO1a	INTERIOR FINISH & DOOR SCHEDULES
AO2	INTERIOR ELEVATIONS RMS. O.1 THRU O.17
AO3	INTERIOR ELEVATIONS RMS. O.18 THRU O.26

TYPICAL DETAILS

AT1	PANEL TYPES OF EXTERIOR ELEVATIONS
AT2	TYPICAL EXTERIOR WALL PANEL DETAILS
AT3	TYPICAL EXTERIOR WALL PANEL DETAILS
AT4	INTERIOR DETAILS
AT5	CEILING DETAILS

STRUCTURAL

S1	DRAWING INDEX · TYPICAL DETAILS · GENERAL NOTES
S2	COLUMN SCHEDULE · COLUMN FOOTING SCHEDULE · TYPICAL GRADE BEAM DETAILS
S3	FOUNDATION DETAILS
S4	FOUNDATION PLAN · UNITS A & B
S5	FOUNDATION PLAN · UNITS C · D & E
S6	FOUNDATION PLAN · UNITS F · G · H · I & J
S7	FOUNDATION PLAN · UNITS K · L & M
S8	FOUNDATION PLAN · UNITS N & O
S9	ROOF FRAMING PLANS · UNITS A & B
S10	ROOF FRAMING PLANS · UNITS C · D & E
S11	ROOF FRAMING PLANS · UNITS F · G · H · I & J
S12	ROOF FRAMING PLANS · UNITS K · L & M
S13	ROOF FRAMING PLANS · UNITS N & O
S14	PART PLANS · TYPICAL FRAMING & SECTIONS · UNITS D · E · F · G · H · I · & J
S15	PART PLANS · TYPICAL FRAMING & SECTIONS · UNITS K · L & M
S16	STRUCTURAL DETAILS
S17	STRUCTURAL DETAILS
S18	STRUCTURAL DETAILS · UNIT "J"
S19	STRUCTURAL DETAILS · UNIT "B"
S20	STRUCTURAL DETAILS · UNIT "C"
S21	STRUCTURAL DETAILS · UNIT "N"
S22	STRUCTURAL DETAILS · UNIT "N"
S23	STRUCTURAL DETAILS · UNITS "N" & "O"
S24	STRUCTURAL DETAILS · UNIT "O"
S25	STRUCTURAL DETAILS · COVERED LOCKERS & WALKS

MECHANICAL

M1	MECHANICAL FLOOR PLANS · PODS "A" & "B"
M2	MECHANICAL FLOOR PLANS · PODS "C" & "D"
M3	MECHANICAL FLOOR PLANS · PODS "E" & "F"
M4	MECHANICAL FLOOR PLANS · PODS "G" & "H"
M5	MECHANICAL FLOOR PLANS · POD "I"
M6	MECHANICAL FLOOR PLANS · PODS "J" & "K"
M7	MECHANICAL FLOOR PLANS · PODS "L" & "M"
M8	MECHANICAL FLOOR PLANS · PODS "N" & "O"
M9	MECHANICAL ROOF PLANS & SECTIONS · POD "C" & "D"
M10	MECHANICAL DETAILS
M11	MECHANICAL SCHEDULES & CONTROLS

PLUMBING

P1	PLUMBING PLOT PLAN
P2	PLUMBING ROOF PLAN
P3	PLUMBING DETS. · GENERAL NOTES · SCHEDULE & SYMBOLS
P4	PLUMBING DETAILS
P5	PLUMBING FLOOR PLANS · PODS "A" & "B"
P6	PLUMBING FLOOR PLANS · PODS "C" & "D"
P7	PLUMBING FLOOR PLANS · PODS "E" & "F"
P8	PLUMBING FLOOR PLANS · POD "G"
P9	PLUMBING FLOOR PLANS · PODS "H" & "N"
P10	PLUMBING FLOOR PLANS · POD "I"
P11	PLUMBING FLOOR PLANS · PODS "J" & "K"
P12	PLUMBING FLOOR PLANS · PODS "L" & "M"
P13	PLUMBING FLOOR PLANS · POD "O"

TURF SPRINKLER

T1	TURF SPRINKLER PLAN & DETAILS

ELECTRICAL

E1	ELECTRICAL SITE PLAN
E2	
E3	
E4	LIGHTING FLOOR PLANS · PODS "A" "C" & "K"
E5	RECEPTACLE FLOOR PLANS · PODS "A" "C" & "K"
E6	LIGHTING & RECEPTACLE FLOOR PLANS POD "B"
E7	LIGHTING FLOOR PLANS · PODS "D" "E" & "J"
E8	RECEPTACLE FLOOR PLANS · PODS "D" "E" & "J"
E9	LIGHTING FLOOR PLANS · PODS "F" & "G"
E10	RECEPTACLE FLOOR PLANS · PODS "F" & "G"
E11	LIGHTING FLOOR PLANS · PODS "H" & "I"
E12	RECEPTACLE FLOOR PLANS · PODS "H" & "I"
E13	LIGHTING FLOOR PLANS · PODS "L" & "M"
E14	RECEPTACLE FLOOR PLANS · PODS "L" & "M"
E15	LIGHTING FLOOR PLANS · PODS "N" & "O"
E16	RECEPTACLE FLOOR PLANS · PODS "N" & "O"
E17	PANEL BOARD SCHEDULE
E18	PANEL BOARD SCHEDULE

REFERENCE

K1	TOPOGRAPHIC SURVEY OF EX

APPROVED
STATE FIRE MARSHAL
STATE OF
DATE JAN 16 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 196

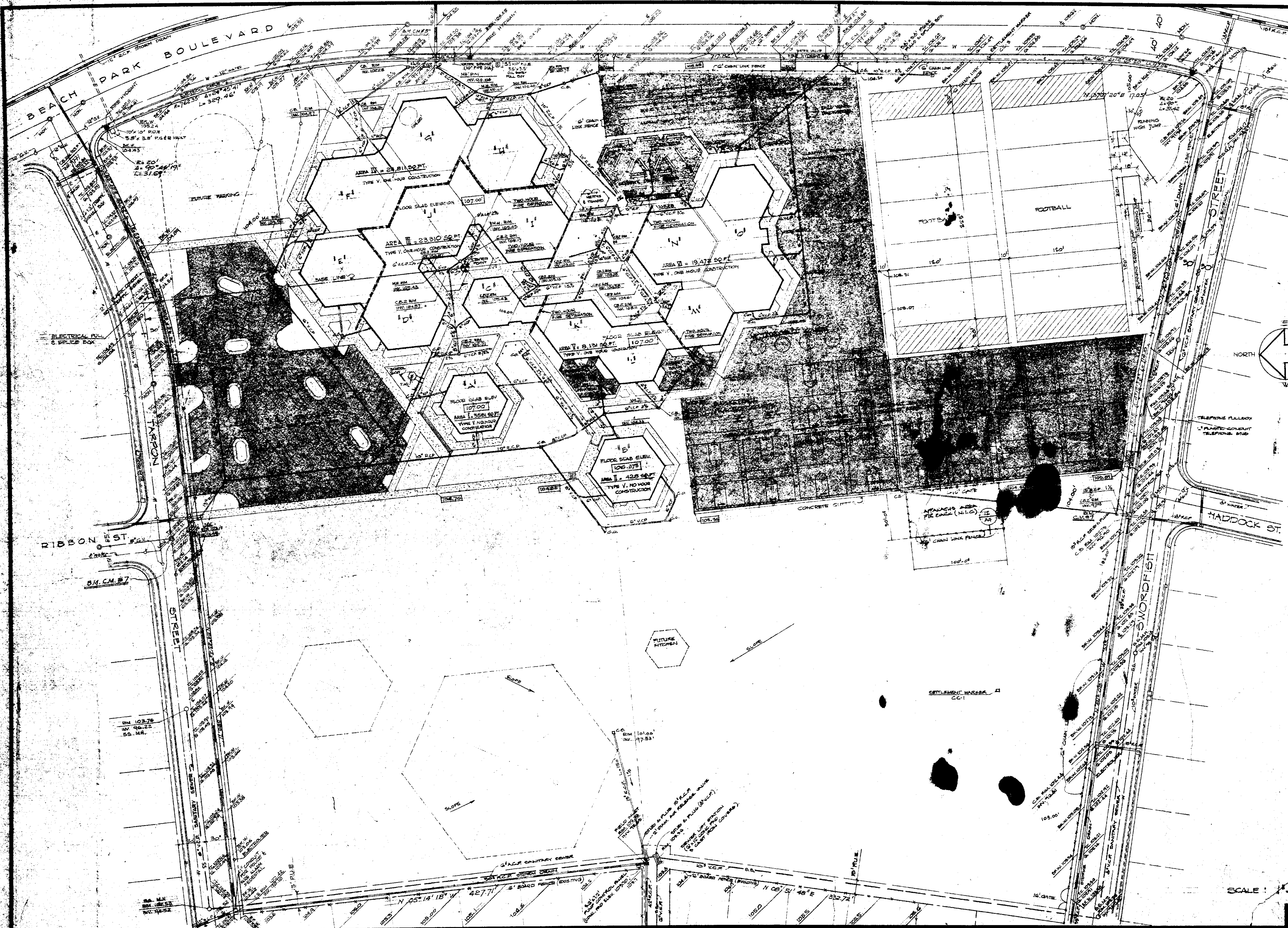
ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3076

INDEX TO DRAWINGS
INTERIOR FINISH SYMBOLS
DRAWING SYMBOLS
ABBREVIATIONS

REVISIONS


BEACH PARK BOULEVARD
TARPON STREET
RIBBON ST.
HADDOCK ST.
SWORDFISH STREET
FOOTBALL
FOOTBALL
NORTH
FUTURE PARKING
AREA IV = 24,811 SQ.FT. TYPE V, ONE HOUR CONSTRUCTION
AREA III = 23,310 SQ.FT. TYPE V, ONE-HOUR CONSTRUCTION
AREA VI = 19,473 SQ.FT. TYPE V, ONE HOUR CONSTRUCTION
AREA V = 8,131 SQ.FT. TYPE V, ONE HOUR CONSTRUCTION
FLOOR SLAB ELEV. 107.00 AREA I = 3561 SQ.FT. TYPE V, NO HOUR CONSTRUCTION
FLOOR SLAB ELEV. 106.875 AREA II = 428 SQ.FT. TYPE V, NO HOUR CONSTRUCTION
FLOOR SLAB ELEVATION 107.00
FUTURE KITCHEN
SETTLEMENT MARKER CG-1
ELECTRICAL PULL & SPLICE BOX
TELEPHONE PULLBOX
B.M. C.M. #7
RUNNING HIGH JUMP
N 05° 14' 18" W 427.71'
N 08° 51' 48" E 332.72'
6' BOARD FENCE (EXISTING)
SLOPE
SCALE: 1"=40'

APPROVED
STATE FIRE MARSHAL
DATE JAN 30 1969
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29343 APPROVED MAY 16 1969

ARCHITECT:

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO CALIFORNIA

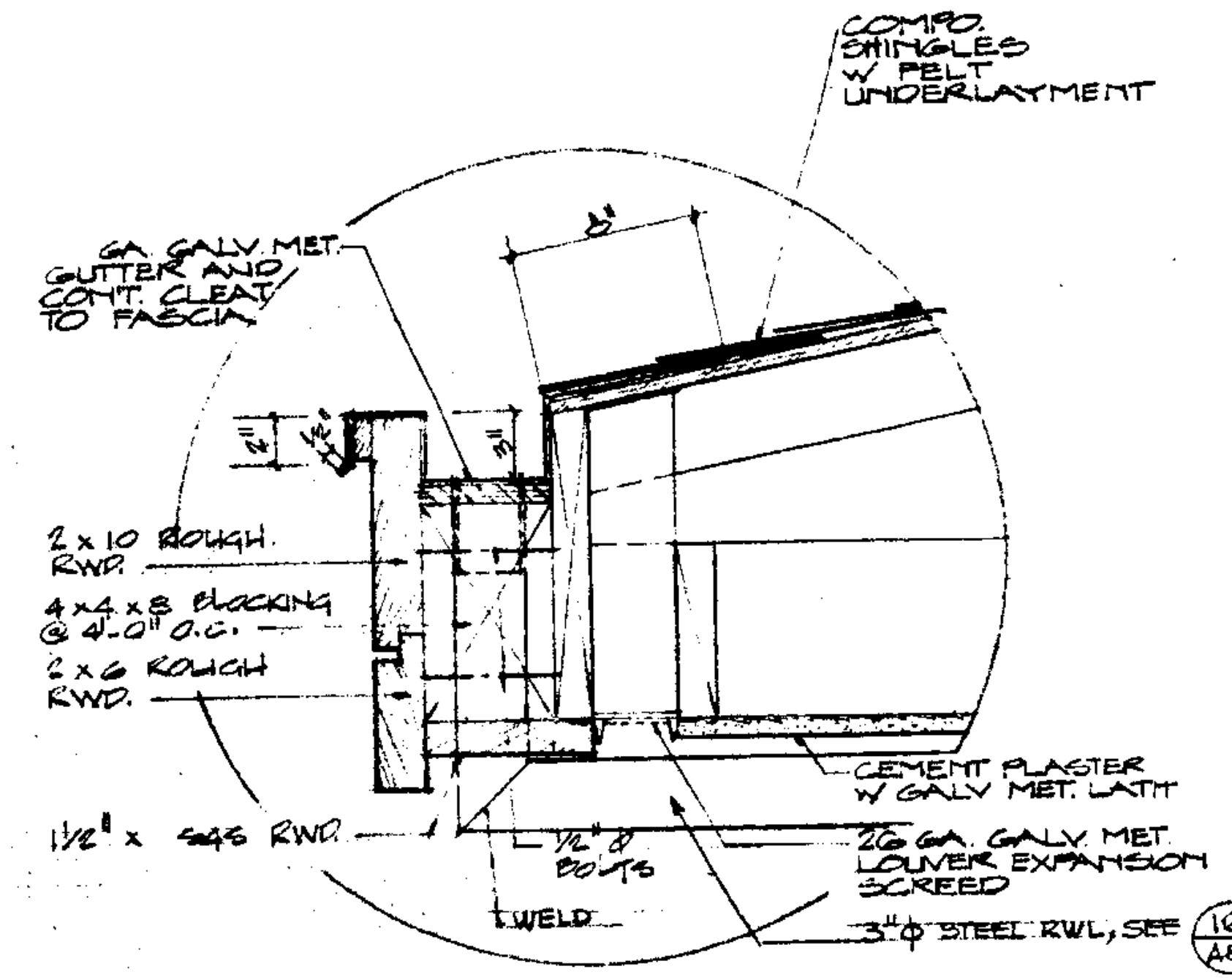
KAL H. PORTER AIA
DON J[illegible]SEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

SITE PLAN
STORM DRAINAGE

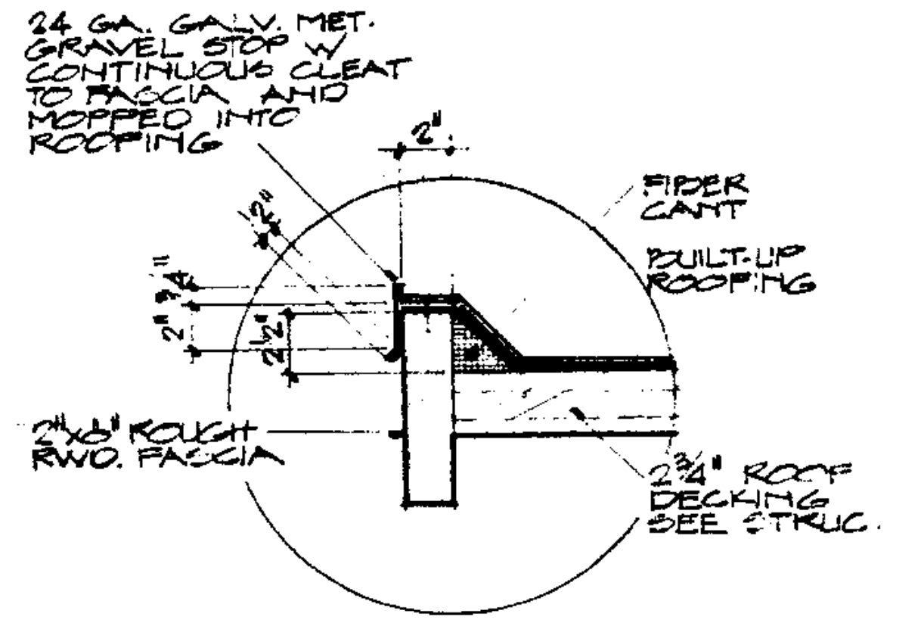
REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE

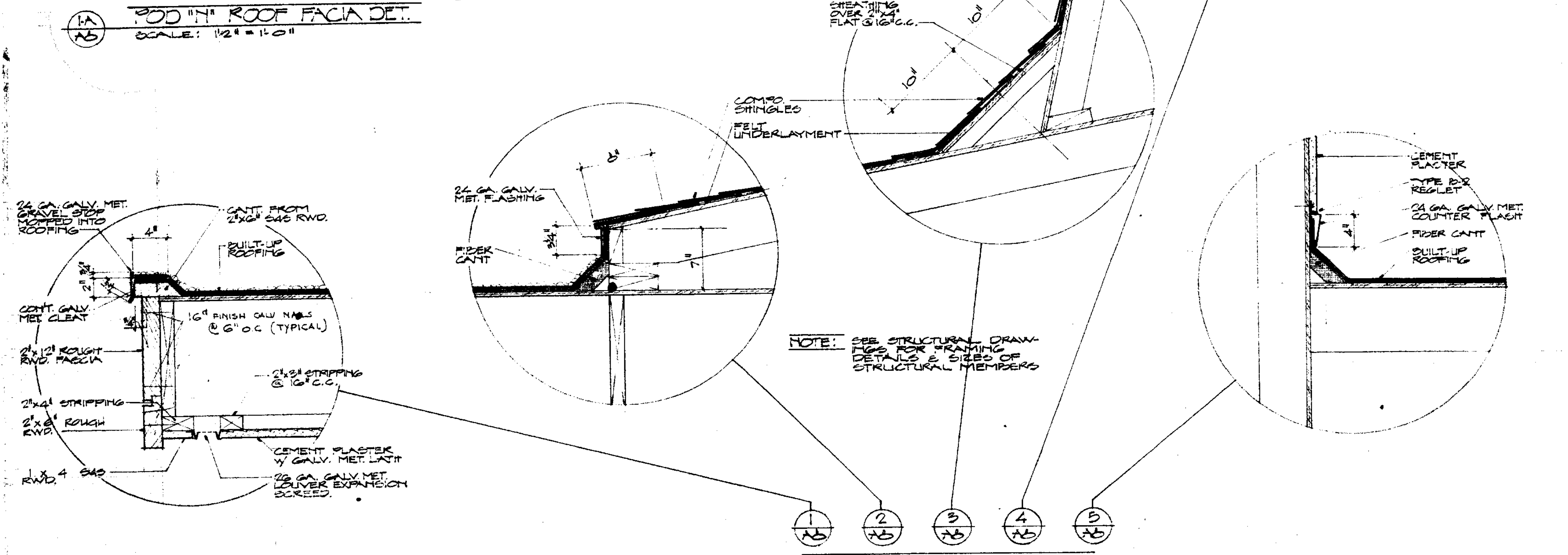
A3a
A.3
OF


COMPO. SHINGLES W FELT UNDERLAYMENT
GA. GALV. MET. GUTTER AND CONT. CLEAT TO FASCIA
8"
2 x 10 ROUGH. RWD.
4 x 4 x 8 BLOCKING @ 4'-0" O.C.
2 x 6 ROUGH RWD.
1½" x S4S RWD.
½" ⌀ BOLTS
WELD
CEMENT PLASTER W GALV MET. LATH
26 GA. GALV. MET. LOUVER EXPANSION SCREED
3" ⌀ STEEL RWL, SEE 16/A8 FOR FASTENING DETAIL

1-A / A8 POD "N" ROOF FACIA DET.
SCALE: 1½" = 1'-0"

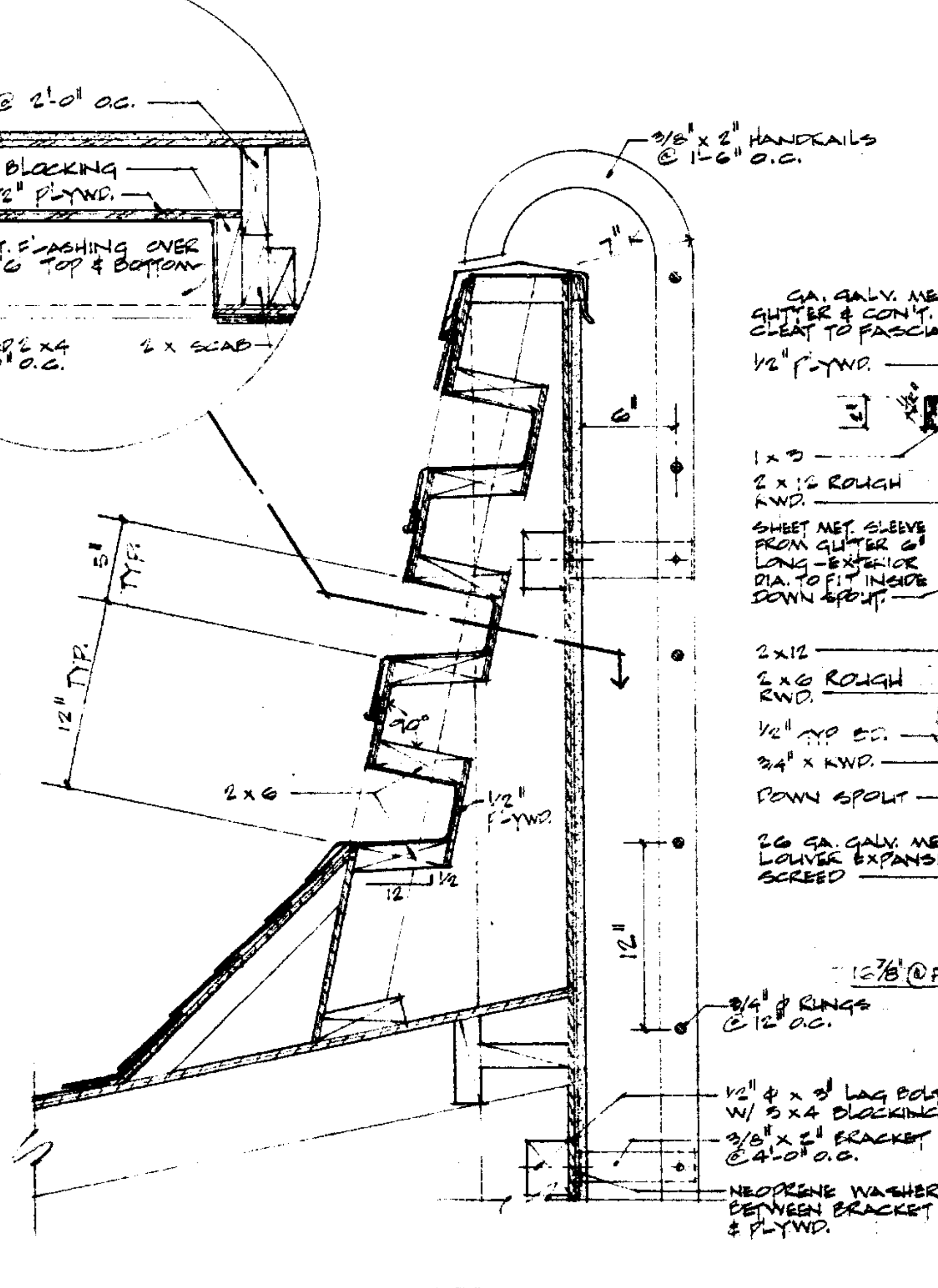

24 GA. GALV. MET. GRAVEL STOP W CONTINUOUS CLEAT TO FASCIA AND MOPPED INTO ROOFING
2"
FIBER CANT
BUILT-UP ROOFING
2"x8" ROUGH RWD. FASCIA
2¾" ROOF DECKING SEE STRUC.

1-B / A8 FASCIA DETAIL @ COVERED WALK
SCALE: 1½" = 1'-0"

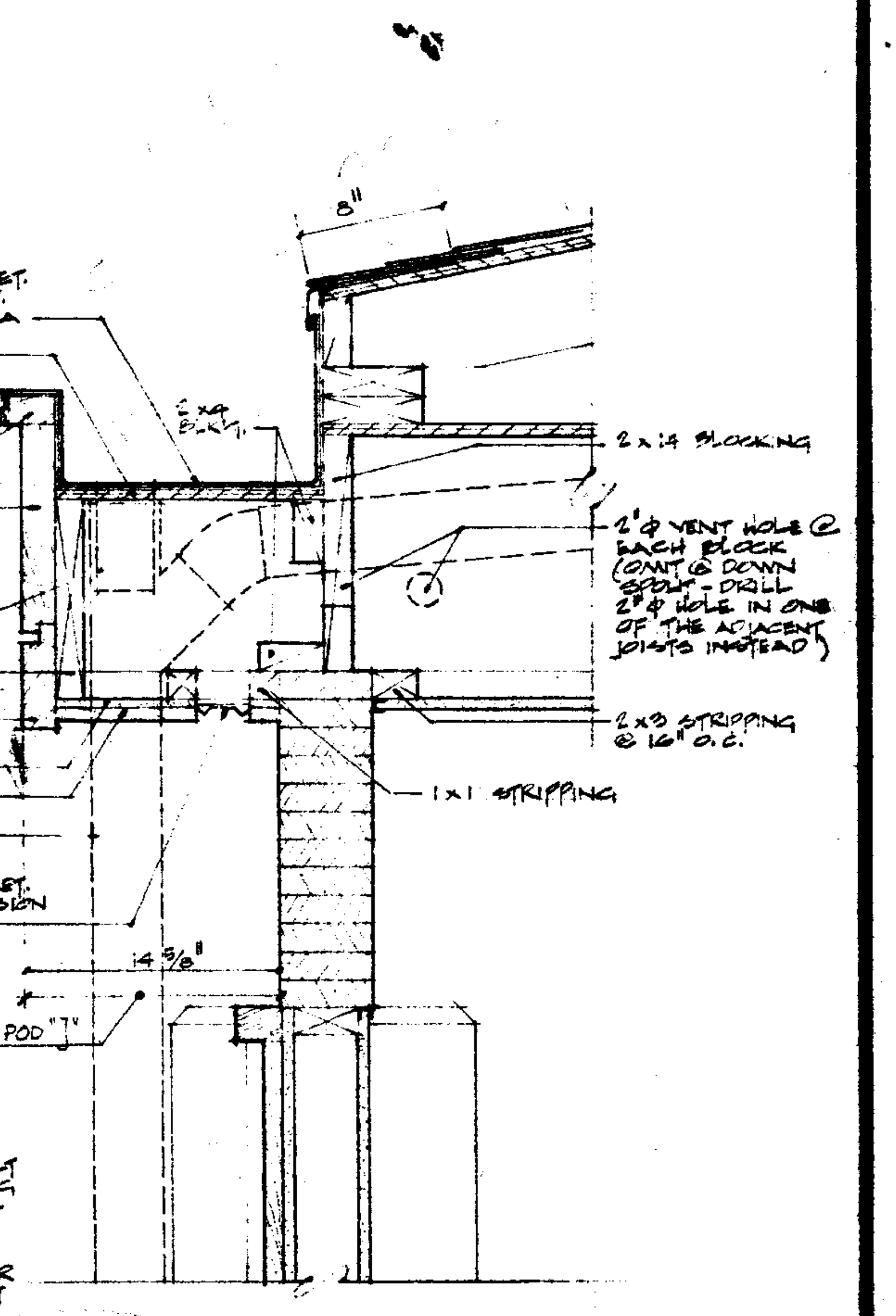

24 GA. GALV. MET. GRAVEL STOP MOPPED INTO ROOFING
CANT FROM 2"x6" S4S RWD.
4"
BUILT-UP ROOFING
CONT. GALV. MET. CLEAT
16d FINISH GALV NAILS @ 6" O.C. (TYPICAL)
2"x12" ROUGH RWD. FASCIA
2"x3" STRIPPING @ 16" O.C.
2"x4" STRIPPING
2"x6" ROUGH RWD.
CEMENT PLASTER W GALV. MET. LATH
26 GA. GALV. MET. LOUVER EXPANSION SCREED
1 x 4 S4S RWD.
24 GA. GALV. MET. FLASHING
FIBER CANT
8"
COMPO. SHINGLES
FELT UNDERLAYMENT
½" PLYWD. SHEATHING OVER 2"x4" FLAT @ 16" O.C.
10"
10"
24 GA. GALV. MET. CAP FLASHING
2"x6" PLATE SHAPPED SEE STRUCTURAL
CONT. GALV. MET. CLEATS BOTH SIDES
COMPO. SHINGLES
FELT UNDERLAY.
CEMENT PLASTER
BLDG. PAPER
PLYWD. SHEATHING
CEMENT PLASTER
TYPE B-2 REGLET
24 GA. GALV. MET. COUNTER FLASH
FIBER CANT
BUILT-UP ROOFING
1 / A8
2 / A8
3 / A8
4 / A8
5 / A8

NOTE: SEE STRUCTURAL DRAWINGS FOR FRAMING DETAILS & SIZES OF STRUCTURAL MEMBERS

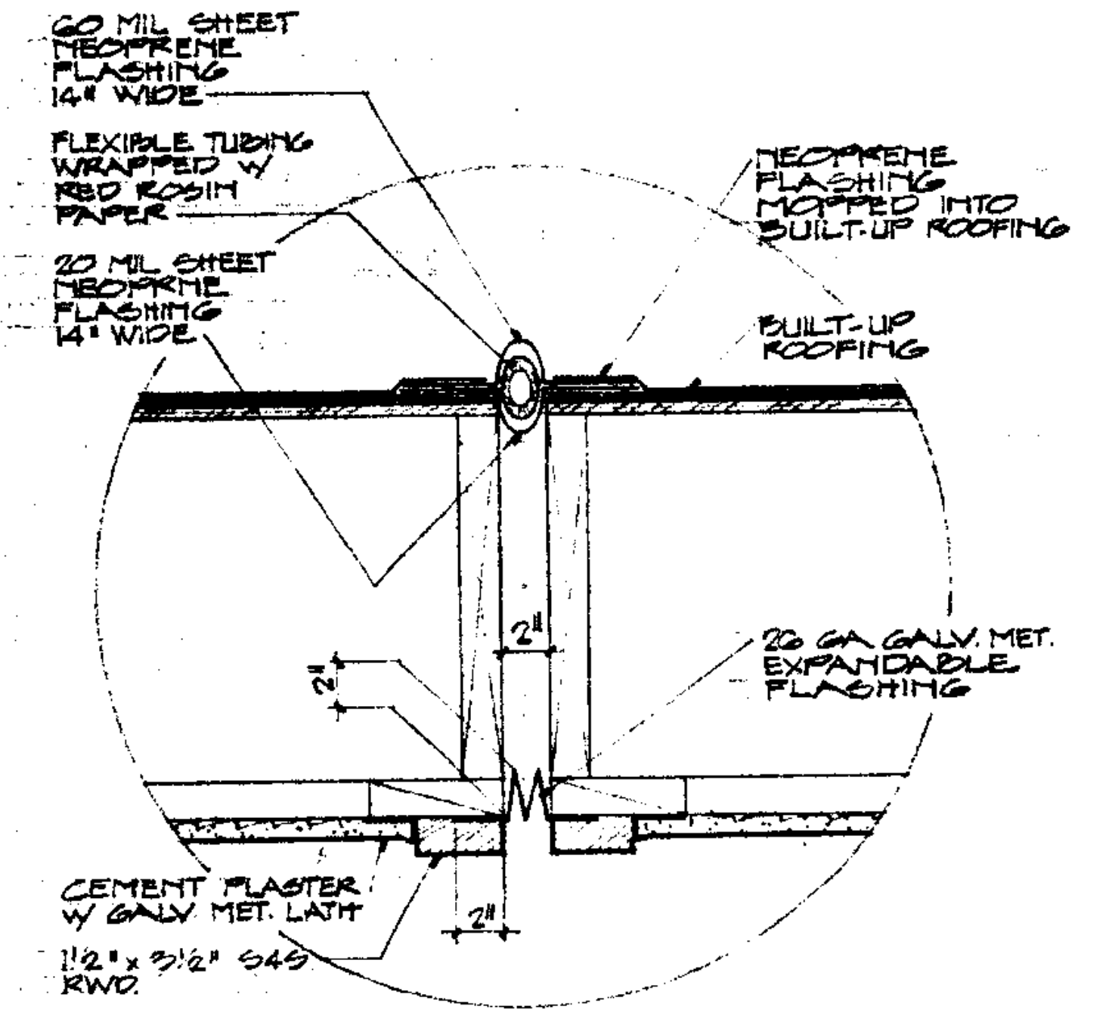
TYPICAL ROOF DETS.
SCALE: 1½" = 1'-0"


2 x 6 @ 2'-0" O.C.
2 x 6 BLOCKING
½" PLYWD.
MET. FLASHING OVER 2 x 6 TOP & BOTTOM
SLOPED 2 x 4 @ 2'-0" O.C.
2 x SCAB
3/8" x 2" HANDRAILS @ 1'-6" O.C.
7"
6"
5" TYP.
12" TYP.
90°
2 x 6
½" PLYWD.
12
1½
12"
3/4" ⌀ RUNGS @ 12" O.C.
½" ⌀ x 3" LAG BOLT W/ 3 x 4 BLOCKING
3/8" x 2" BRACKET @ 4'-0" O.C.
NEOPRENE WASHER BETWEEN BRACKET & PLYWD.

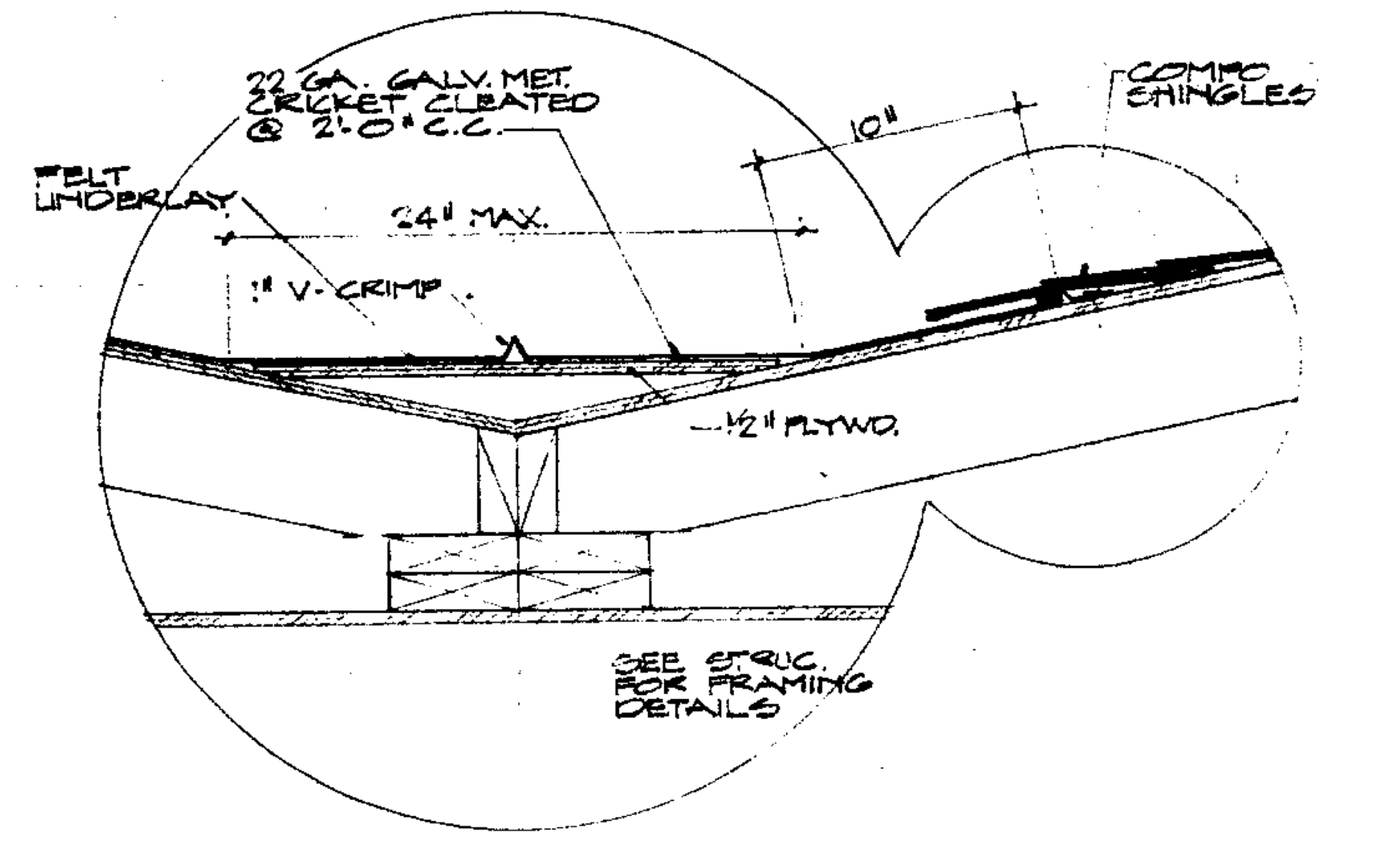
6 / A8 ACCESS TO ROOF MECH. WELLS
SCALE 1½" = 1'-0"


8"
GA. GALV. MET. GUTTER & CONT. CLEAT TO FASCIA
½" PLYWD.
2 x 4 BLKG.
1 x 3
2 x 12 ROUGH RWD.
SHEET MET. SLEEVE FROM GUTTER 6" LONG - EXTERIOR DIA. TO FIT INSIDE DOWN SPOUT
2 x 12
2 x 6 ROUGH RWD.
½" TYP. BD.
3/4" x RWD.
DOWN SPOUT
26 GA. GALV. MET. LOUVER EXPANSION SCREED
14 5/8"
16 7/8" @ POD "J"
2 x 14 BLOCKING
2" ⌀ VENT HOLE @ EACH BLOCK (OMIT @ DOWN SPOUT - DRILL 2" ⌀ HOLE IN ONE OF THE ADJACENT JOISTS INSTEAD)
2 x 3 STRIPPING @ 16" O.C.
1 x 1 STRIPPING

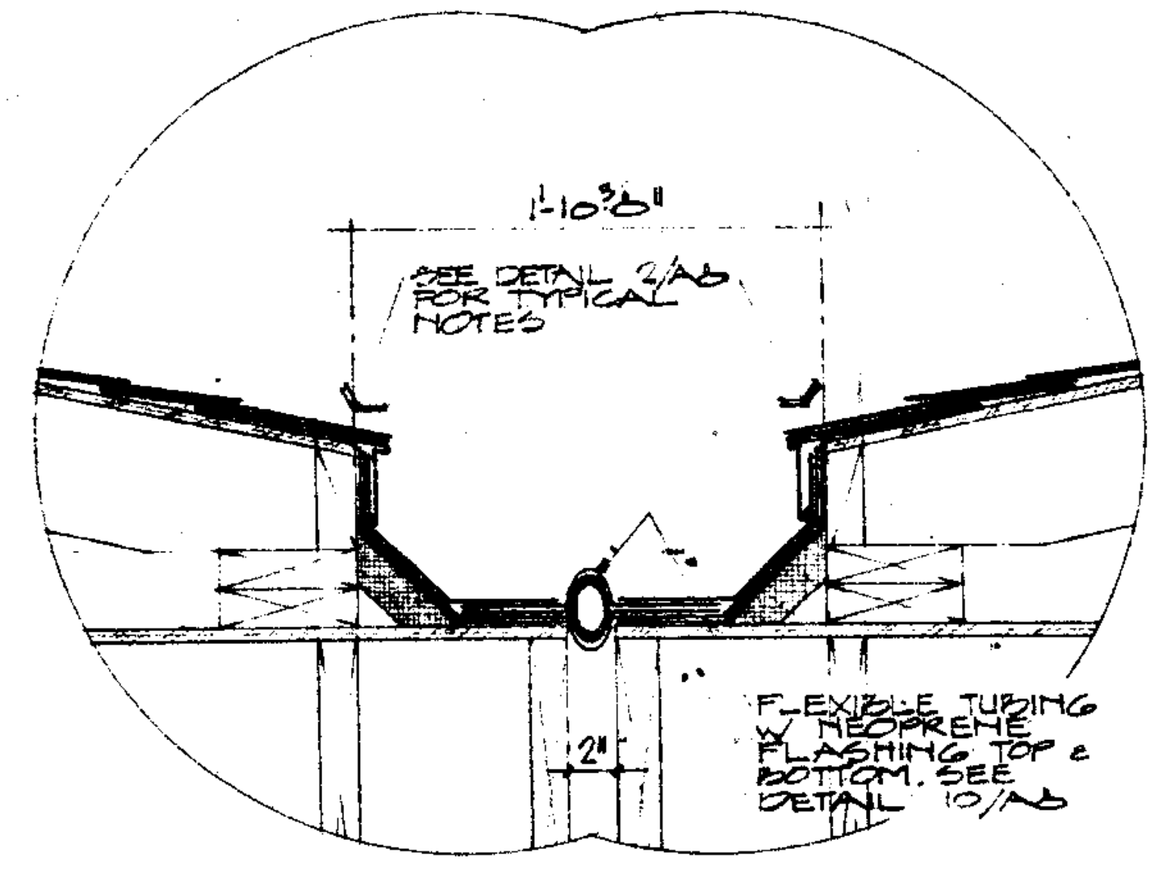
7 / A8 GUTTER DETAIL
SCALE 1½" = 1'-0"


60 MIL SHEET NEOPRENE FLASHING 14" WIDE
FLEXIBLE TUBING WRAPPED W RED ROSIN PAPER
20 MIL SHEET NEOPRENE FLASHING 14" WIDE
NEOPRENE FLASHING MOPPED INTO BUILT-UP ROOFING
BUILT-UP ROOFING
2"
2"
26 GA. GALV. MET. EXPANDABLE FLASHING
CEMENT PLASTER W GALV. MET. LATH
1½" x 3½" S4S RWD.
2"

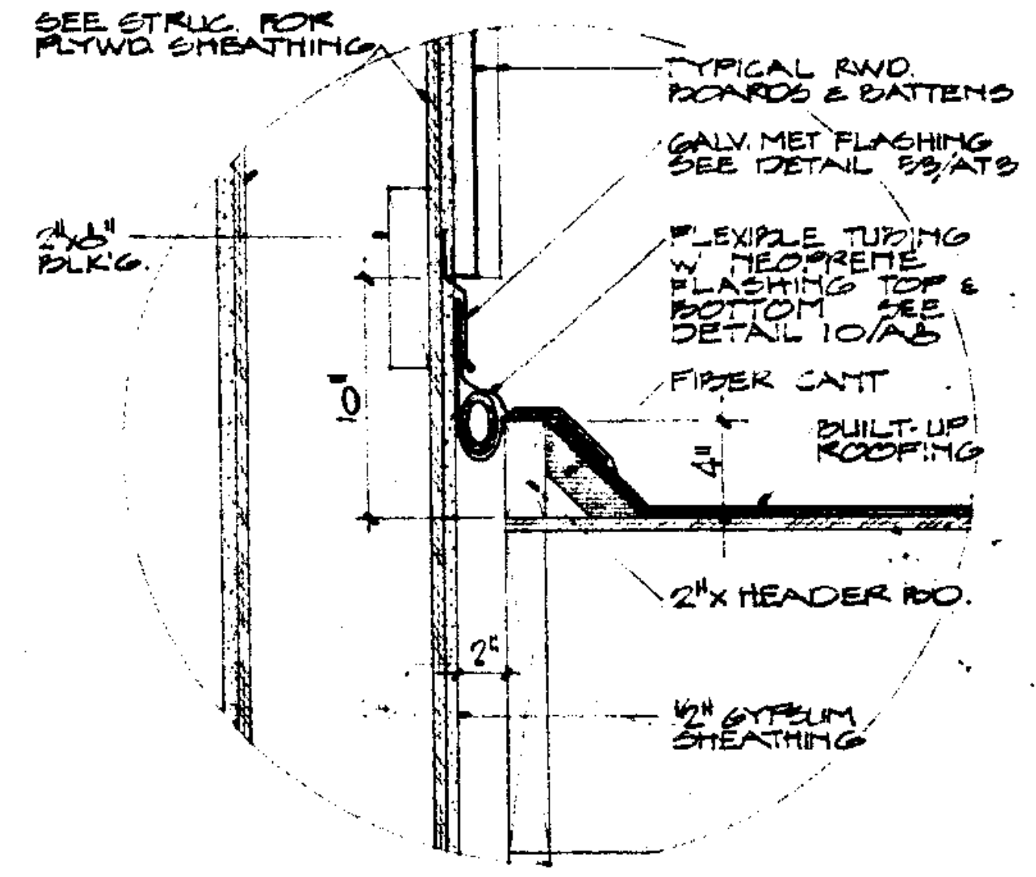
10 / A8 ROOF SEPARATION JT.
SCALE: 1½" = 1'-0"


22 GA. GALV. MET. CRICKET CLEATED @ 2'-0" O.C.
FELT UNDERLAY
24" MAX.
1" V-CRIMP
10"
COMPO SHINGLES
½" PLYWD.
SEE STRUC. FOR FRAMING DETAILS

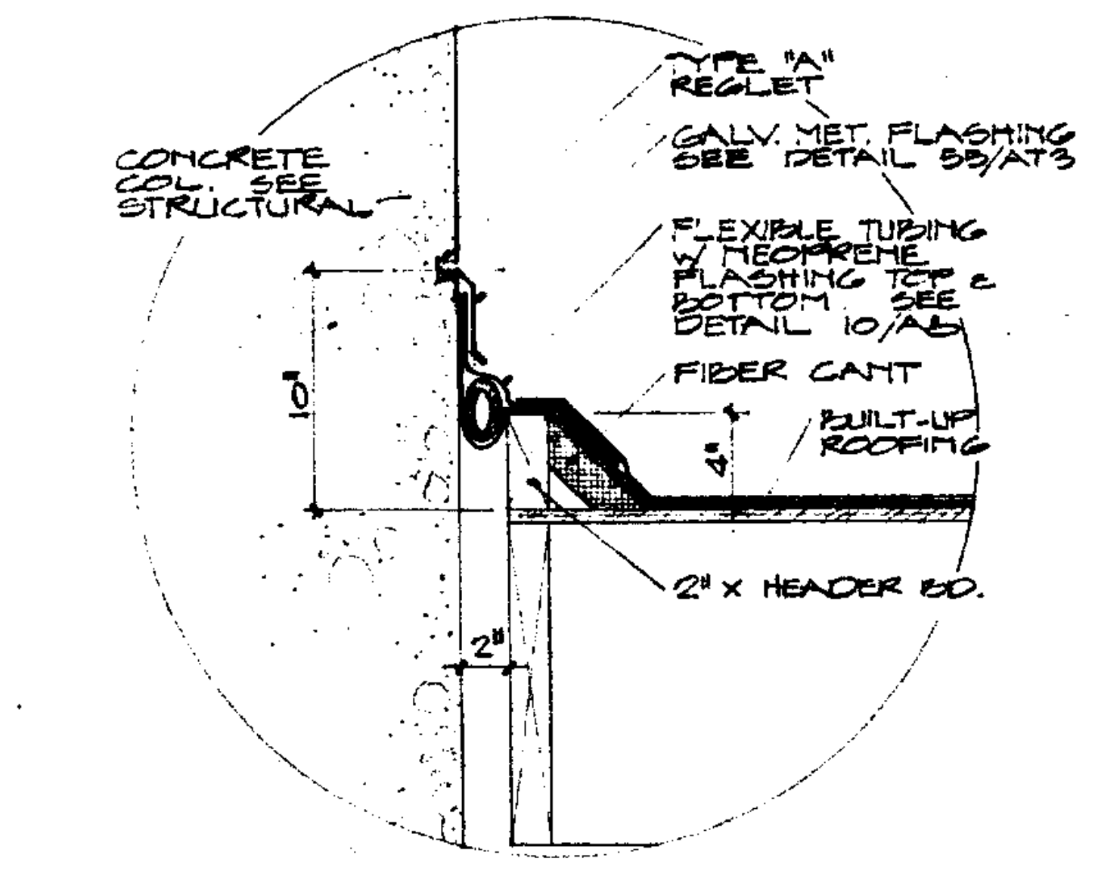
11 / A8 TYPICAL CRICKET DET.
SCALE: 1½" = 1'-0"


1'-10 3/8"
SEE DETAIL 2/A8 FOR TYPICAL NOTES
2"
FLEXIBLE TUBING W NEOPRENE FLASHING TOP & BOTTOM. SEE DETAIL 10/A8

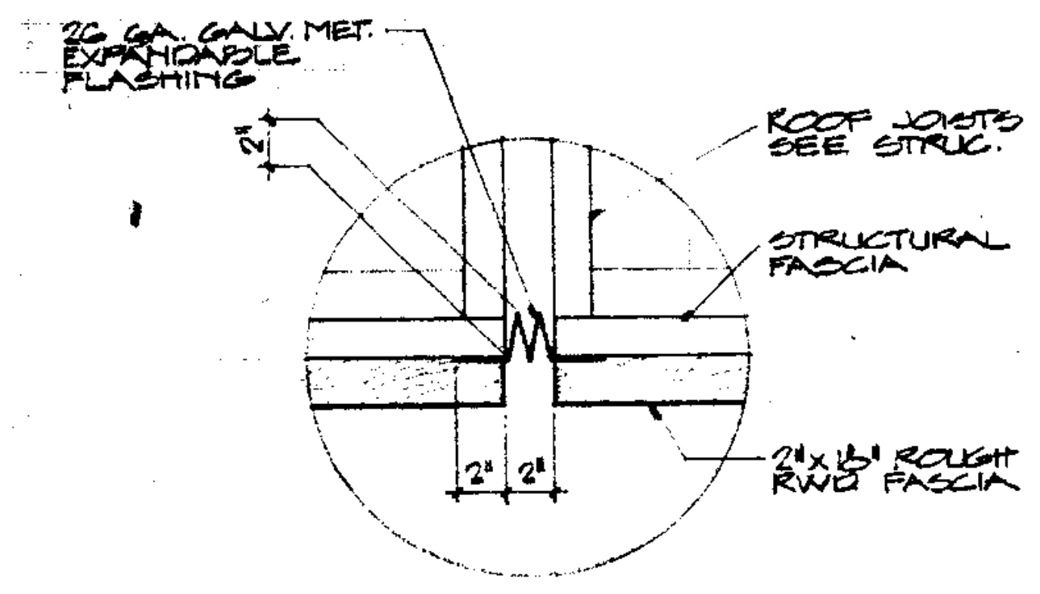
12 / A8 ROOF SEPARATION JT.
SCALE: 1½" = 1'-0"


SEE STRUC. FOR PLYWD. SHEATHING
TYPICAL RWD. BOARDS & BATTENS
GALV. MET FLASHING SEE DETAIL 53/AT3
2"x6" BLK'G.
FLEXIBLE TUBING W NEOPRENE FLASHING TOP & BOTTOM SEE DETAIL 10/A8
FIBER CANT
BUILT-UP ROOFING
10"
4"
2"x HEADER BD.
2"
½" GYPSUM SHEATHING

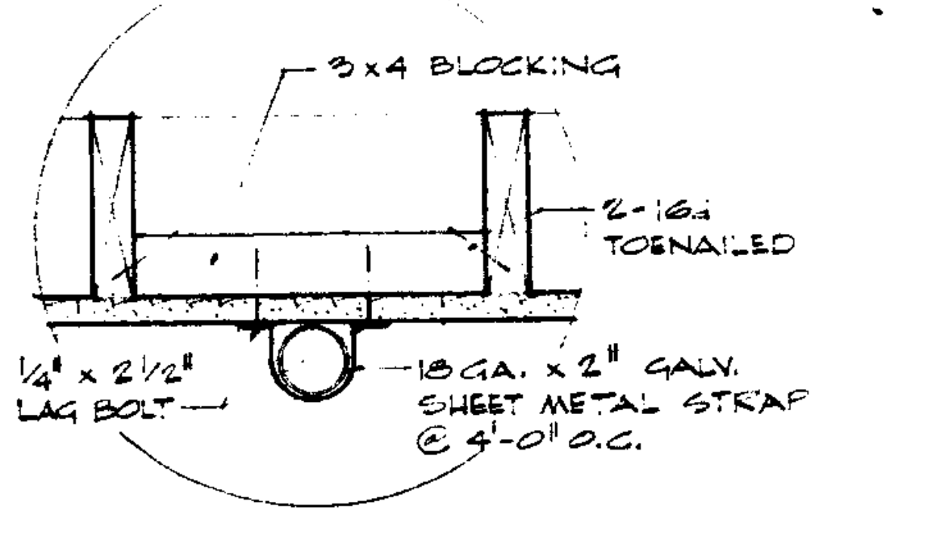
13 / A8 ROOF SEPARATION JT. @ VERTICAL WALL
SCALE: 1½" = 1'-0"


TYPE "A" REGLET
CONCRETE COL. SEE STRUCTURAL
GALV. MET. FLASHING SEE DETAIL 53/AT3
FLEXIBLE TUBING W NEOPRENE FLASHING TOP & BOTTOM SEE DETAIL 10/A8
FIBER CANT
BUILT-UP ROOFING
10"
4"
2" x HEADER BD.
2"

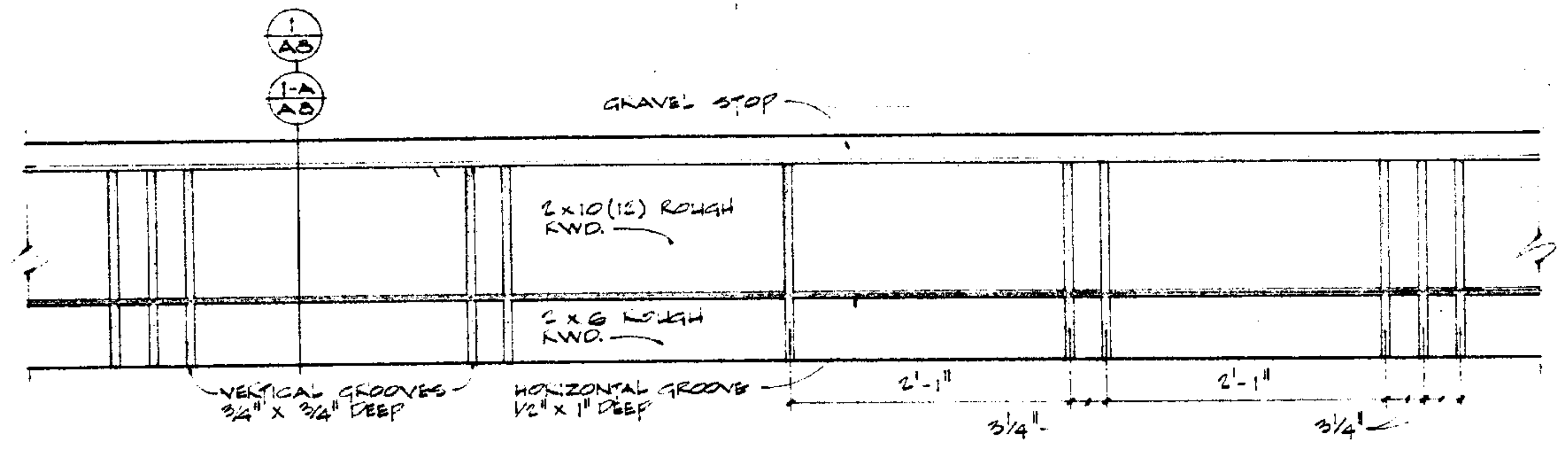
14 / A8 ROOF SEPARATION JT. @ CONC. COLUMN



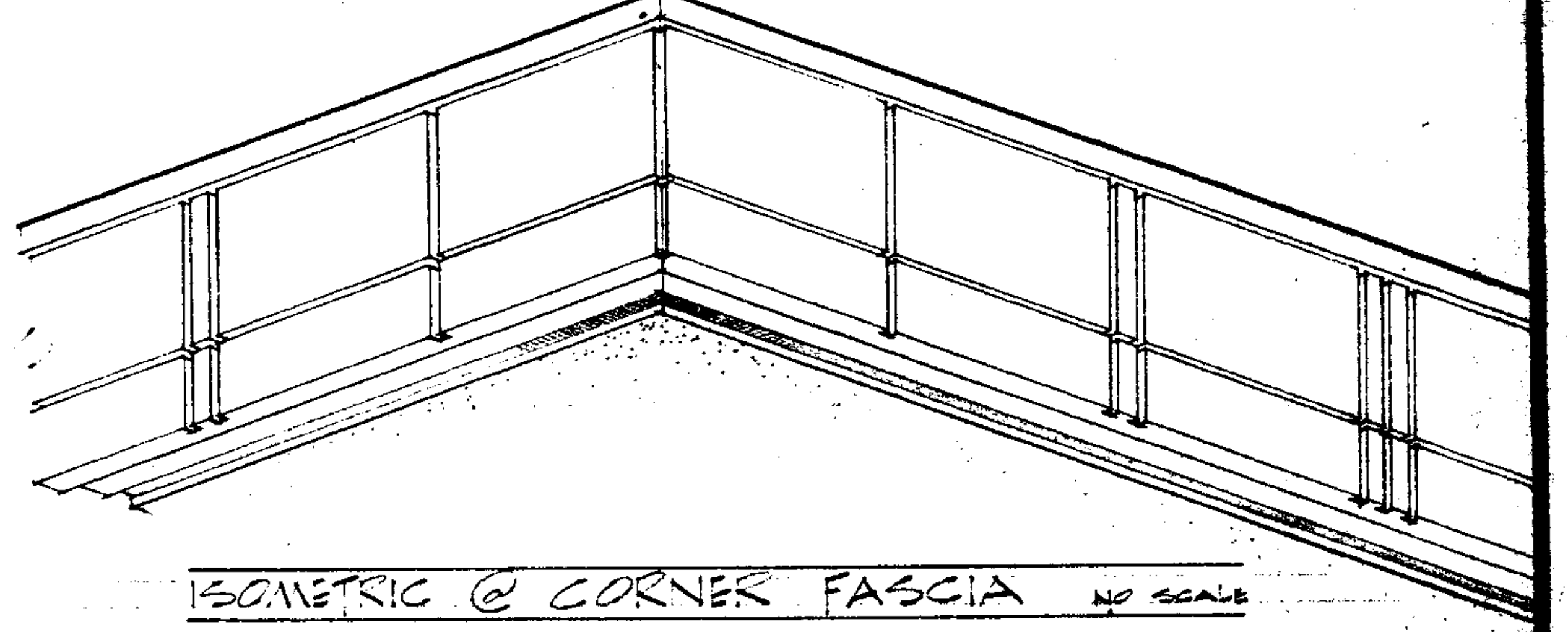
15 / A8 PLAN SECTION OF ROOF FASCIA AT SEPARATION JT.
SCALE: 1½" = 1'-0"



16 / A8 RAIN WATER LEADER FASTENING STRAP
SCALE: 1½" = 1'-0"



PARTIAL FASCIA ELEVATION SCALE 1½" = 1'-0"



ISOMETRIC @ CORNER FASCIA NO SCALE

APPROVED
DATE JAN 1? 196?
BY

ARCHITECT: Kal H Porter

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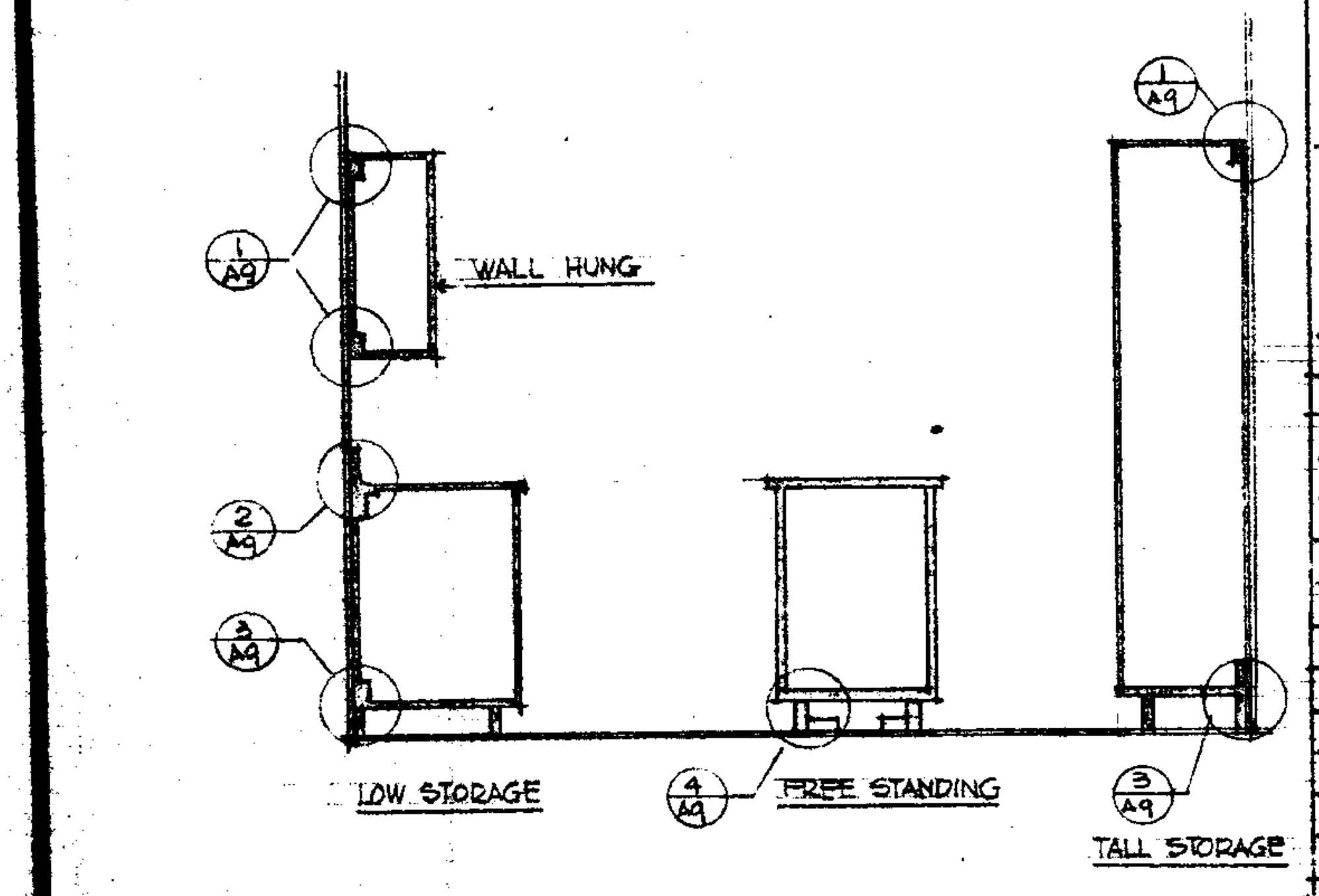
ROOF DETAILS

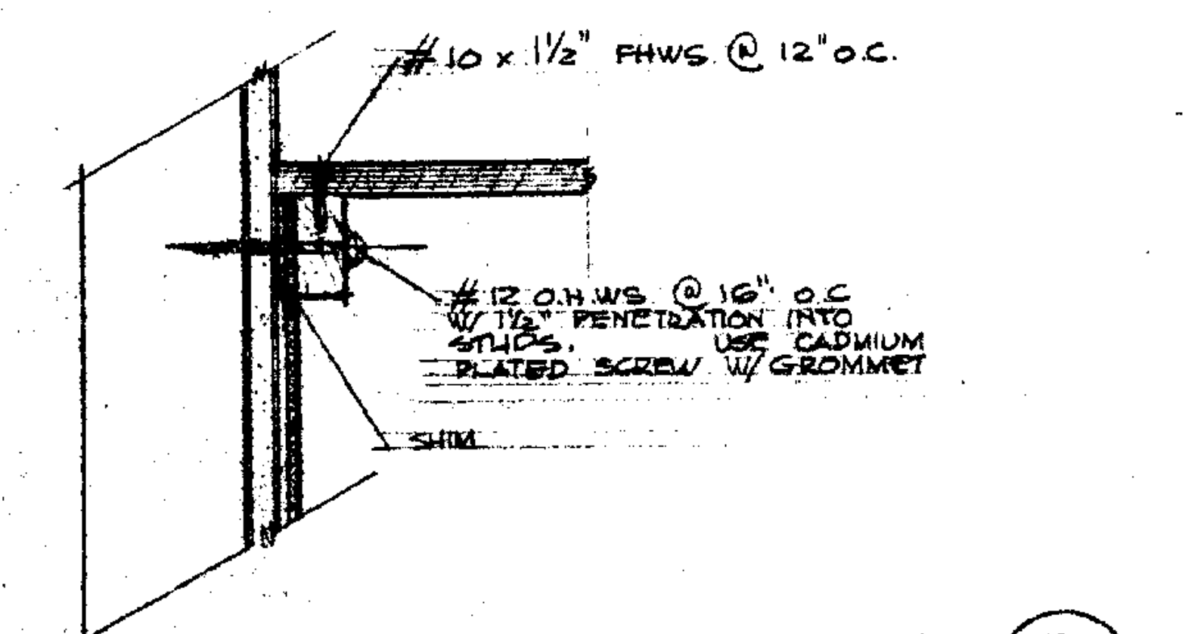
REVISIONS

JOB NUMBER
DESIGNED
DRAWN
CHECKED
DATE

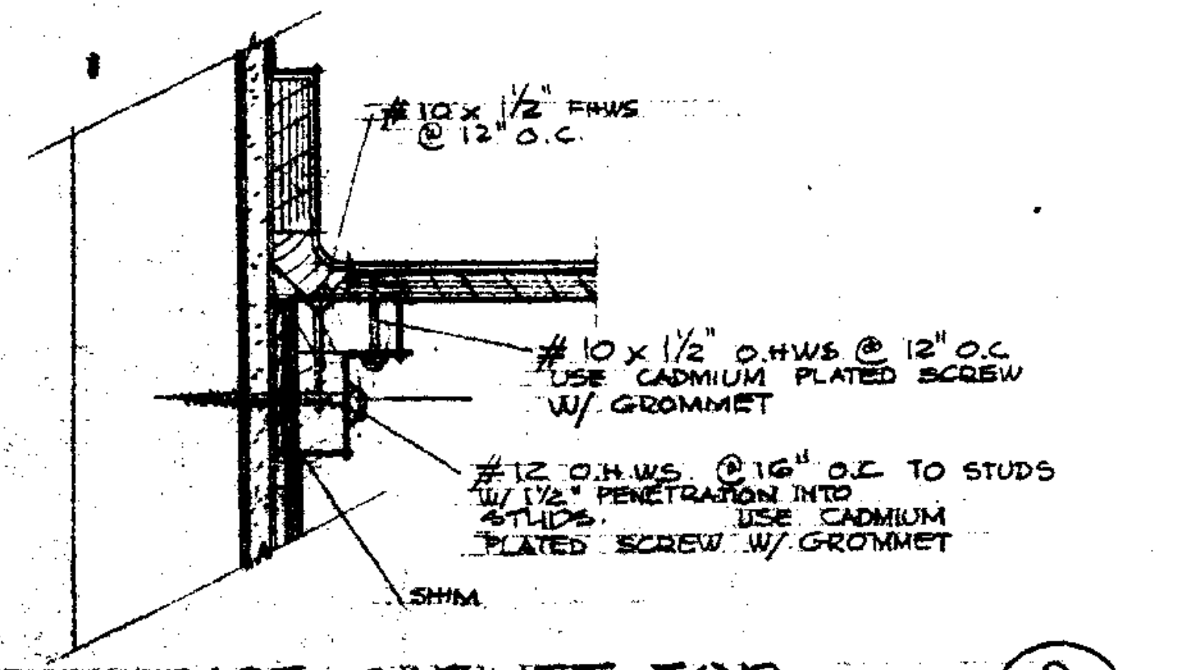
A.8
OF SHEETS



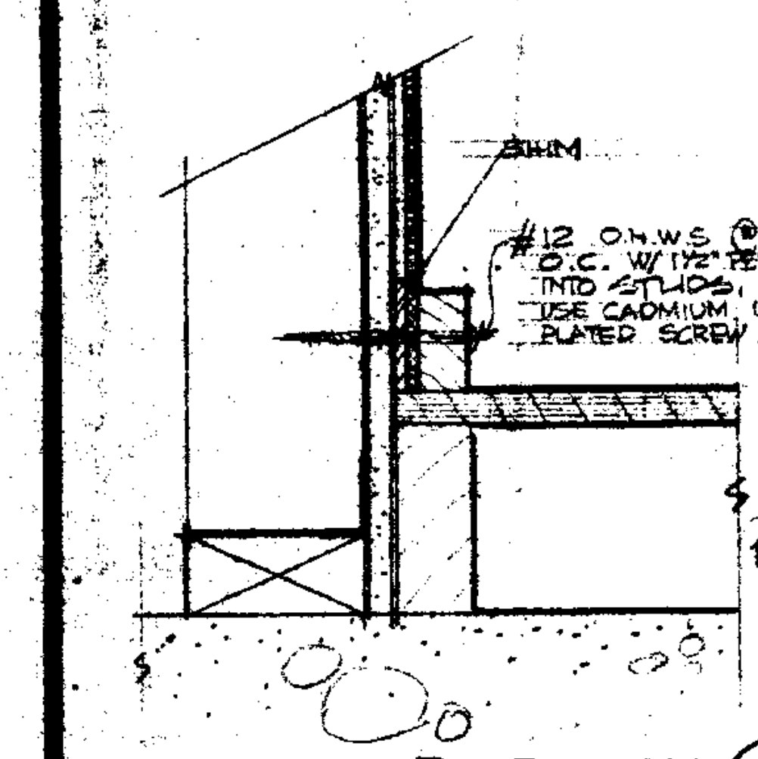
TYPICAL SECTIONS


#10 x 1½" FHWS @ 12" O.C.
#12 O.H.WS @ 16" O.C W/ 1½" PENETRATION INTO STUDS. USE CADMIUM PLATED SCREW W/ GROMMET
SHIM

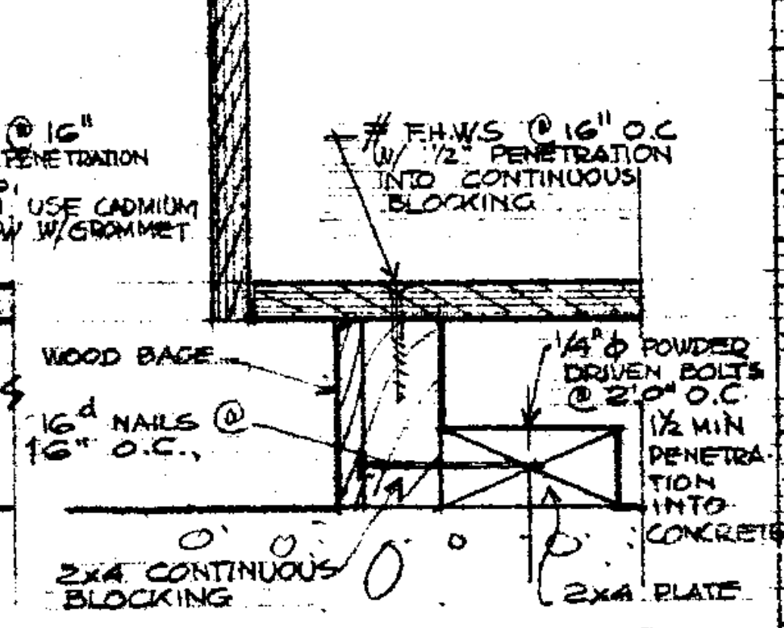
WALL HUNG 1/A9


#10 x ½" FHWS @ 12" O.C
#10 x 1½" O.HWS @ 12" O.C USE CADMIUM PLATED SCREW W/ GROMMET
#12 O.H.WS @ 16" O.C TO STUDS W/ 1½" PENETRATION INTO STUDS. USE CADMIUM PLATED SCREW W/ GROMMET
SHIM

BASE CABINET-TOP 2/A9


SHIM
#12 O.H.W.S @ 16" O.C. W/ 1½" PENETRATION INTO STUDS, USE CADMIUM USE CADMIUM PLATED SCREW W/GROMMET

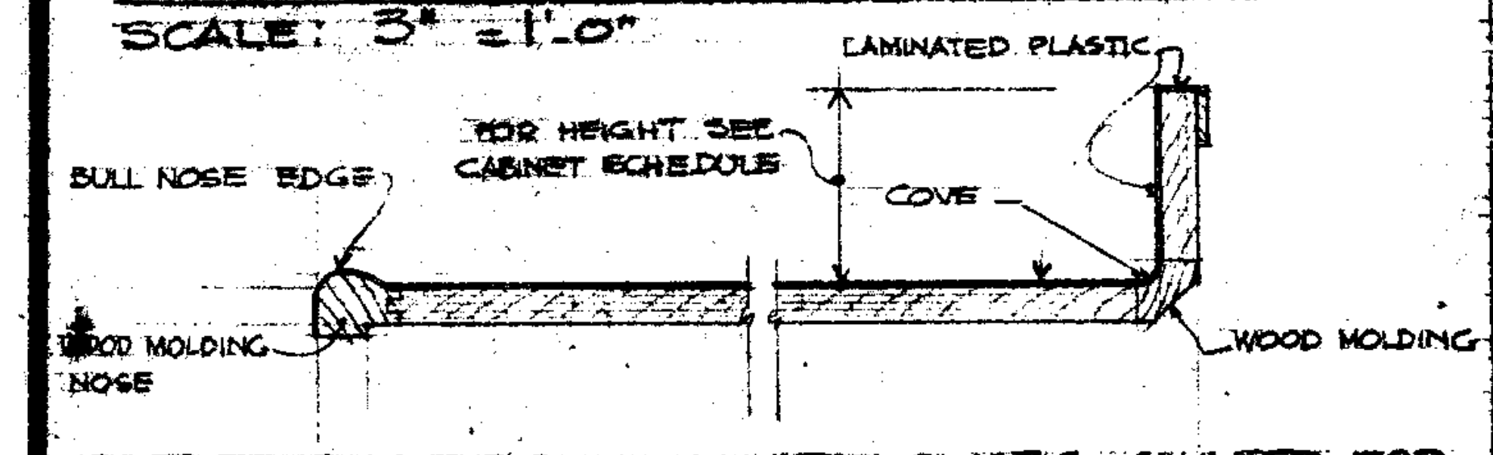
BASE CABINET BOTTOM 3/A9


#F.H.W.S @ 16" O.C W/ ½" PENETRATION INTO CONTINUOUS BLOCKING
WOOD BASE
16d NAILS @ 16" O.C.
¼" φ POWDER DRIVEN BOLTS @ 2'0" O.C 1½ MIN PENETRATION INTO CONCRETE
2x4 CONTINUOUS BLOCKING
2x4 PLATE

FREE STANDING 4/A9

CABINET ANCHORAGE DETAILS

SCALE: 3" = 1'-0"



SECTION OF A TYPICAL LAMINATED PLASTIC COUNTER TOP
3" = 1'-0"

LAMINATED PLASTIC COUNTER TOP NOTE: ALL LAMINATED PLASTIC COUNTER TOPS SHALL HAVE ROLLED EDGE AND COVED BACK SPLASH AS SHOWN ON DETAIL ABOVE. RETURN SPLASH ON SIDES AGAINST WALLS OR HIGHER CABINETS AT SAME HEIGHT AS BACK SPLASH. NO COVE REQUIRED AT SIDE SPLASH.

CABINET SCHEDULE

Nº	DESCRIPTION	PLASTIC FACED CABINETS MONITOR CATALOG Nº	UTILITY SHELVING MILL-BUILT CABINETS	SCIENCE CABINETS KEWANEE CATALOG Nº	METAL CABINETS BRODHEAD GARRETT CATALOG Nº	DIMENSIONS W	D	H	LOCATION	COUNTER TOP	BACK SPLASH HEIGHT	REMARKS
1	SINK CABINET	6327				54"	30"	30"	A.4	L.P.	6"	
2	LOW STORAGE	6326				32"	30"	30"	A.4	L.P.	6"	
3	LOW STORAGE	6326				38"	30"	30"	A.4	LP	6"	
4	BROOM CABINET	6122				24"	30"	84"	A.4			
5	WARDROBE	6122				24"	30"	84"	A.4			16"X48" MIRROR INSIDE DOOR
6	LOW STORAGE	6326				48"	24"	36"	A.10	L.P.	6"	
7	WALL HUNG CABINET	6288				48"	12"	30"	A.10			
8	LOW STORAGE	6326				36"	28"	36"	A.11	L.P.	6"	
9	SINK CABINET	6326				36"	28"	36"	A.11	L.P.	6"	
10	UTILITY SHELVING		MILL.BUILT			72"	18"	84"	A.14 04,021,			
11	UTILITY SHELVING		MILL.BUILT			72"	12"	84"	A.14 021,			
12	UTILITY SHELVING		MILL.BUILT			66"	12"	84"	A.14			
13	UTILITY SHELVING		MILL.BUILT			36"	12"	84"	A.14 04			
14	UTILITY SHELVING		MILL.BUILT			18'0"	18"	84"	A.14			
15	RECEPTION DESK	SPECIAL					24"	30"	A.2	LP		
16	MAILBOXES											
17	UTILITY SHELVING		MILL.BUILT			10'7"	24"	84"	B.4			
18	UTILITY SHELVING		MILL.BUILT			10'7"	12"	84"	B.4			
19	INSTRUMENT STORAGE		MILL.BUILT			12'0"	48"	70"±	B.5			SEE DETAIL
20	INSTRUMENT STORAGE		MILL.BUILT			9'6"	48	70"±	B.5			SEE DETAIL
21	UTILITY SHELVING		MILL.BUILT			78"	12"	84"	B.8			
22	UTILITY SHELVING		MILL.BUILT			36"	12"	84"	B.8 M5			
23	UTILITY SHELVING		MILL.BUILT			72"	24"	84"	B.9			
24	UTILITY SHELVING		MILL.BUILT			72"	12"	84"	B9			
25	UTILITY SHEVING		MILL.BUILT			60"	12"	84"	B9			
26	COUNTER OVER KNEE SPACE	6282				48"	24"	30"	B.10	LP		
27	TEACHER'S DESK	SPECIAL				48"	28"	84"	B.10, D8, E8, F8, H8, I8, K4, 06, 021	LP		SEE DETAIL
28	LOW STORAGE	6325				18"	28"	30"	B.10	LP	6"	
29	SINK CABINET	6326				36"	28"	30"	B.10	LP.	6"	
30	BOOK SHELVES	4083.12.4094				36"	12"	84"	B.10			5 MAGAZINE SHELVES
31	RECORD STORAGE	SPECIAL				30"	12"	84"	B.10			
32	LOW STORAGE	6326				30"	28"	36"	D.1, I1	LP	48"	
33	SINK CABINET	6326				40"	28"	36"	D.1, I1	LP	48"	
34	LOW STORAGE	6326				48"	24"	30"	D2, D6, E2, E6, F2, F6, H2, H6, I2, I6	LP	4"	
35	WALL HUNG CABINET	6288				48"	12"	30"	D2, D6, E2, E6, F2, F6, H2, H6, I2, I6			
36	LOW STORAGE	6326				48"	28"	30"	D7, E7, F7, H7, I7	LP	8"	
37	SINK CABINET	6326				48"	28"	30"	D7, E7, F7, H7, I7	LP	8"	
38	WALL HUNG CABINET	6288				48"	12"	30"	D7, E7, F7, H7, I7			
39	TEACHER'S DESK	SPECIAL				48"	28"	84"	D8, I8	LP		
40	SINK CABINET	6326				42"	28"	30"	D8, I8	L.P.	6"	
41	LOW STORAGE	6326				42"	28"	30"	D8, I8	LP.	6"	
42	TEACHER'S DESK	SPECIAL				48"	28"	84"	D8	L.P		
43	WARDROBE	6122				24"	24"	84"	B10, D8, E8, F8, H8, I8, K4, L4, M8			
44	A.V. TALL STORAGE	6108				30"	24"	84"	D8, F8, H8, I8.]			6 ADJ. SHELVES
45	UTILITY SHELVING		MILL.BUILT			7'0"	24"	84"	D10, I9			
46	UTILITY SHEVING		MILL.BUILT			48"	12"	84"	D10, I9			
47	UTILITY SHELVING		MILL.BUILT			72"	12"	84"	E.1, H9,			
48	UTILITY SHELVING		MILL.BUILT			84"	24"	84"	E.1, H9.			
49	TEACHER'S DESK	SPECIAL				48"	28"	84"	E8, F8, H8, K4, M8	L.P		
50	SINK CABINET	6326				48"	28"	30"	E8, F8, H8,	LP	6"	
51	LOW STORAGE	6326				48"	28"	30"	E8, F8, H8.	LP	6"	
52	WALL HUNG UTILITY SHELVING		MILL.BUILT			36"	12"	36"	E.10, H1,			
53	UTILITY SHELVING		MILL.BUILT			48"	12"	84"	E.9, F.10, H10.			
54	UTILITY SHELVING		MILL.BUILT			48"	24"	84"	E.9 F10, H10			
55	UTILITY SHELVING		MILL.BUILT			17'8"	24"	84"	E.9 F10, H10			
56	SHELF	6271				9'6"	12"		D8, E8, F8, H8, I8			
57	STORAGE GLAZED SLIDING DOORS			KTP.760		46⅜"	22"	84"	G2.G5			
58	TOTE TRAY UNIT			1A.430		46⅞"	22"	34¾"	G2.G5	KRK	6"	KRK 8" WIDE SHELF OVER CHASE
59	SINK CABINET			1A.142		23 9/16"	22"	34¾"	G2.G5			
60	WET WORKING AREA			SPECIAL		48"	22"	5"	G2.G5			SINK MADE UP OF KEMRESIN
61	LABORATORY PEG BOARD			1D901		20"	—	30"	G2, G5			
62	CUP BOARD UNIT			1A.110		46⅞	22"	34¾"	G2.G5	KRK	6"	KRK, 8" WIDE SHELF OVER CHASE
63	OPEN STORAGE CASES			1A.603		35"	12"	30"	G2.G5, G3.G4, G6.G7			
64	STUDENT TABLE			SPECIAL					G2.G5	KRK		SEE DETAIL (F&S) KRS. SINK 18"x6½"x6" D
65	CUPBOARD UNIT			1A110		46⅞"	22"	34¾"	G3.G4	KS	6"	
66	SINK CABINET			1A144		46⅞	22"	34¾"	G3.G4	KS	6"	KRS SINK
67	CUPBOARD UNIT			1A109		35"	22"	34¾	G3.G4	KS	6"	
68	OPEN STORAGE CASES			1A841		35"	12"	84	G3.G4.G7			
69	KEY CASE			8W1386		23¼	3"	13⅞"	G6			
70	WARDROBE			1A998		46⅞	22"	84"	G6			
71	SINK CABINET			1A143		35"	22"	34¾	G6	KRK	6"	
72	DRAWER UNIT			1A220		46⅞	22"	34¾	G6	KRK	6"	
73	ACID STORAGE			1A398		46⅞	22"	34¾	G7	KRS	6"	KRS. 8" SHELF/CHASE. LOCK
74	CUP BOARD UNIT			1A102		23 9/16	22"	34¾	G7	KRS	6"	KRS 8" SHELF/CHASE
75	SINK CABINET			1A144		46⅞	22"	34¾	G7	KRS	6"	KRS 8" SHELF/CHASE
76	DRAWER UNIT			1A226		46⅞	22"	34¾	G7	KRS	6"	KRS 8" SHEL/CHASE
77	LABORATORY PEG BOARD			1D906		32"		30"	G7			
78	CENTER SERVICE TABLE			M.D10		24"	24"	36"	G3.G4	KRK		14"x10"x6 DEEP KEMRESIN SINK
79	MOVABLE TALL SHELF	7005				48"	24"	66"	G2.G5			
80	MOVABLE TALL SHELF	7004				48	24"	66"	G2.G5			
81	TEACHER'S DESK	SPECIAL				60"	24"	30"	G.6	AR.LP	6"	SEE DETAIL
82	COUNTER OVER KNEE SPACE	6282				80"	24"	30"	G6	AR.LP	6"	SEE DETAIL
83	DOUBLE FACE LOW SHELVING	4025				72"	24"	42"	J1	LP		FREE STANDING MOVABLE CABINETS (NO ANCHOR)
84	DOUBLE FACE LOW SHELVING	4025				36"	24"	42"	J1	LP		
85	SINGLE FACE HIGH SHELVING	4013 4014 } 12				36"	12"	84	J1			
86	THIRTY DRAWER CARD CATALOG	4544				17"	33"		J1			
87	RECORD CASE	SPECIAL							J1			
88	TAPE CASE	SPECIAL							J1			
89	LOW STORAGE	6325				24"	30"	30"	J9	LP	6"	
90	SINK CABINET	6326				36"	28"	30"	J9	L.P	6"	
91	LOW STORAGE	6326				36"	28"	30"	J9	LP	6"	

Nº	DESCRIPTION	PLASTIC FACED CABINETS MONITOR CATALOG Nº	UTILITY SHELVING MILL-BUILT CABINETS	SCIENCE CABINETS KEWANEE CATALOG Nº	METAL CABINETS BRODHEAD GARRETT CATALOG Nº	DIMENSIONS W	D	H	LOCATION	COUNTER TOP	BACK SPLASH HEIGHT	REMARKS
92	OPEN SHELF	6321				60"	24"	30"	J.9	LP		
93	WALL HUNG CABINET	6286				60"	12"	54"	J.9			
94	DRAWER CABINET	SPECIAL				48"	30"	30"	J.9	LP		
95	TALL UTILITY SHELVING	6260				36"	12"	84"	J9			
96	LOW STORAGE	6326				48"	30"	36"	J9	LP	6"	
97	WALL HUNG CABINET	6288				48"	12"	30"	J9			
98	SINGLE FACE LOW SHELVING	4005 4006 } 12				34"	12"	42"	J10	LP		
99	SINGLE FACE LOW SHELVING	4005 4006 } 12				40"	12"	42"	J11	LP		
100	TALL STORAGE	6103				39"	29"	84"	K1. K2. K3. K4. K5. L1			
101	DRAWING BOARD STORAGE	6602				39"	29"	34"	K1. K2			
102	TALL STORAGE	6103				39"	29"	50"	K1. K2. K3			ABOVE DRAWING BOARD STORAGE
103	APRON STORAGE	6738				29"	29"	84"	K1. K2			
104	WARDROBE SHELF W/ HOOKS	6277				60"	12"	14"	K1. K2. L7. M2. M4			
105	ISLAND DOUBLE SINK UNIT	SPECIAL				50"	40"	36"	K1. K.2. K3	S.S.		S.S. SINKS & COUNTER TOP PART OF CABINET SECT. SEE DETAIL
106	TALL STORAGE	SPECIAL				39"	29"	84"	K3			HEAVY DUTY
107	KILN FURNITURE CABINET				SPECIAL	18"	18"	84"	K3			SEE DETAIL
108	DRYING CABINET				8011.BE	36"	18"	84"	K3			
109	DAMP PROOF CABINET				7011 BE	36"	18"	84"	K3			
110	ROLLING CART STORAGE	SPECIAL				66"	29"	84"	K3			SEE DETAIL
111	TALL STORAGE	6103				39"	29"	84"	K3			PEG BOARD BACK. LOCK
112	LOW STORAGE	6326				36"	20"	30"	K3	WOOD	10"	COUNTER TOP 24" DEEP
113	DRAWER CABINET	6355				36"	20"	30"	K3	WOOD	10"	COUNTER TOP 24" DEEP
114	DISPLAY CASE & STORAGE	SPECIAL				48"	~~24~~ 18	84"	K3	LP		
115	TALL STORAGE	6103				30"	24"	84"	K.4. M6			
116	OPEN SHELF	6101				60"	12"	84"	K4			
117	ART STORAGE		MILL BUILT			9'6"	36"	9'10"	K5			SEE DETAIL
118	SHELF OVER KNEE SPACE		MILL BUILT			36"	36"	30"	K.5			SEE DETAIL
119	OPEN SHELF		MILL BUILT			36"	36"	84"	K5			7 ADJ. SHELVES
120	PAPER ROLL STORAGE BOX		MILL BUILT			24"	40"	37"	K5			SEE DETAIL
121	ISLAND DOUBLE FACE SHELVING		MILL BUILT			12'0"	24"	9'10	K5			SEE DETAIL
122	WORK BENCH		MILL BUILT			7'-"	24"	32"	L1	WOOD	4"	FREE STANDING
123	DRAWING BOARD & TOOL STORAGE	SPECIAL				48"	22"	84"	L1			SEE DETAIL
124	WORK BENCH W/CABT UNDER		MILL BUILT			76	24	32"	L1	WOOD	4"	FREE STANDING
125	LOW STORAGE	6326				36"	28"	30"	L1	LP	8"	
126	UTILITY SHELVING		MILL BUILT			20'0"	24"	84"	L2			
127	UTILITY SHELVING		MILL BUILT			72"	36"	84"	L2			
128	UTILITY SHELVING		MILL BUILT			72"	24"	84"	L2			
129	PAPER STORAGE DRAWER CABINET	6356				40"	36"	36"	L3	LP		
130	WALL HUNG CABINET	6288				40"	18	48"	L3			
131	LOW STORAGE	6325				24"	28"	36"	L3	ARLP	18"	
132	DRAWER CABINET	6411				24"	28"	36"	L3	ARLP	18"	
133	SINK CABINET	6326				48"	28"	36"	L3	ARLP	18"	
134	DRAWING BOARD	SPECIAL				60"	30"	30"	L4			
135	LETTER SIZE FILE DRAWER CAB.	6360				16"	30"	30"	L4			
136	TALL STORAGE	6102				24	24"	84"	L4			
137	WALL HUNG CABINET	6285				36"	18"	54"	L4			
138	TALL COMBINATION CABINET	SPECIAL				42"	18"	84"	L4			SEE INT. ELEVATION SH. A11
139	TALL STORAGE	6103				48"	18"	84	L5			
140	DRAWER CABINET	6408				18"	28"	30"	L5	LP	10"	
141	LOW STORAGE	6326				36"	28"	30"	L5	LP	10"	
142	SINK CABINET	6326				36"	28"	30"	L5	LP	10"	
143	LOW STORAGE	6325				18"	28"	30"	L5	LP	10"	
144	PLYWOOD STORAGE		MILL BUILT			4'6"	7'6"	5'0"	L6			SEE DETAIL
145	LUMBER STORAGE RACK		MILL BUILT						L6			SEE DETAIL
146	LOW STORAGE	6326				40"	22"	30"	L7	LP	4"	COVE BETWEEN TOP & SPLASH
147	WORK BENCH		MILL BUILT			13'6"	24"	32"	L7	WOOD	4"	COVE BETWEEN TOP & SPLASH
148	LOW STORAGE	6326				48"	24"	30"	M.1	LP	4"	
149	MAGAZINE RACK	4353.12				48"	12"	84"	M.2			
150	DRAWER & STORAGE COMBINATION	SPECIAL				5'4½	24"	84"	M.2 M4			55 DRAWERS
151	DRAWER & STORAGE COMBINATION	SPECIAL				6'5¼	24"	84	M2 M4			66 DRAWERS
152	SINK CABINET	6326				45"	28"	36"	M2	L.P.	6"	
153	TALL STORAGE	6102				24"	24"	84	M4			
154	FILE DRAWER-SHELF COMBINATION	SPECIAL				21"	24"	84"	M4			
155	BASE FOR STOVE & OVEN	SPECIAL							M4	LP	6"	
156	LOW STORAGE	6338				30"	28"	36"	M4	LP	6"	
157	SINK CABINET	6334				36"	28"	36"	M4	LP	6"	
158	LOW STORAGE	6338				32"	24"	36"	M4	LP	6"	
159	LOW STORAGE	6338				36"	24"	36"	M4 M6	LP	6"	
160	DISHWASHER BASE & COUNTER TOP	SPECIAL							M4	LP	6"	
161	WALL HUNG CABINET	6288				36"	12"	30"	M4			
162	WALL HUNG CABINET	6287				18"	12	30"	M4			
163	WALL HUNG CABINET	6288				34"	12"	30"	M4			
164	TALL COMBINATION	6228				30"	24"	84"	M3			
165	FABRIC STORAGE		MILL BUILT									
166	WARDROBE SHELF W/ROD	6274				10'0"	12"	14"	M3			
167	TALL STORAGE	6103				36"	24"	84"	M5			
168	UTILITY SHELVING		MILL BUILT			9'3"	12"	84"	M5			
169	BROOM STORAGE CABINET	6122				22"	24"	84"	M6			
170	IRONING BOARD STORAGE	[illegible]				26"	24"	84"	M6			
171	LAUNDRY TRAY CABINET	[illegible]				30"	30"	34"	M6	LP	6"	
172	TALL STORAGE OPEN SHELF	6100				48"	12"	84"	M6			
173	UTILITY SHELVING		MILL BUILT			9'0"	18"	84"	O7, O24			
174	DRAWER UNIT	6338				36"	24"	36"	O15	LP	6"	
175	SINK CABINET	6326				48"	28"	36"	O15	LP	6"	
176	FILM STRIP CART	SPECIAL							J1			
177	OPEN SHELF	6100				48"	12"	72	M8			
178	SINK CABINET	6326				42	28"	36"	M8	LP	6"	
200	FILLER PANEL					DIMENSIONS TO FIT						SAME MATERIAL & FINISH AS ADJ. CABINET

ABBREVIATIONS

L.P. LAMINATED PLASTIC

AR.LP. ACID RESISTANT BLACK LAMINATED PLASTIC

KS: KEMSHIELD: 6 PLIES TEMPERED PRESSED WOOD FIBER + 2 FACE PLIES TEMPERED PRESS HARDWOOD FIBER HIGH RESISTANT RESIN COATING. FINISH THICKNES

KRK: KEMROCK: IMPREGNATED NATURAL STONE. FINISH THICKNESS 1¼"

KRS: KEMRESIN: FORMED MODIFIED EPOXY RESIN. FINISH THICKNESS 1¼"

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 1968
BY

STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968

ARCHITECT: Kal H. Porter

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO, CALIFORNIA

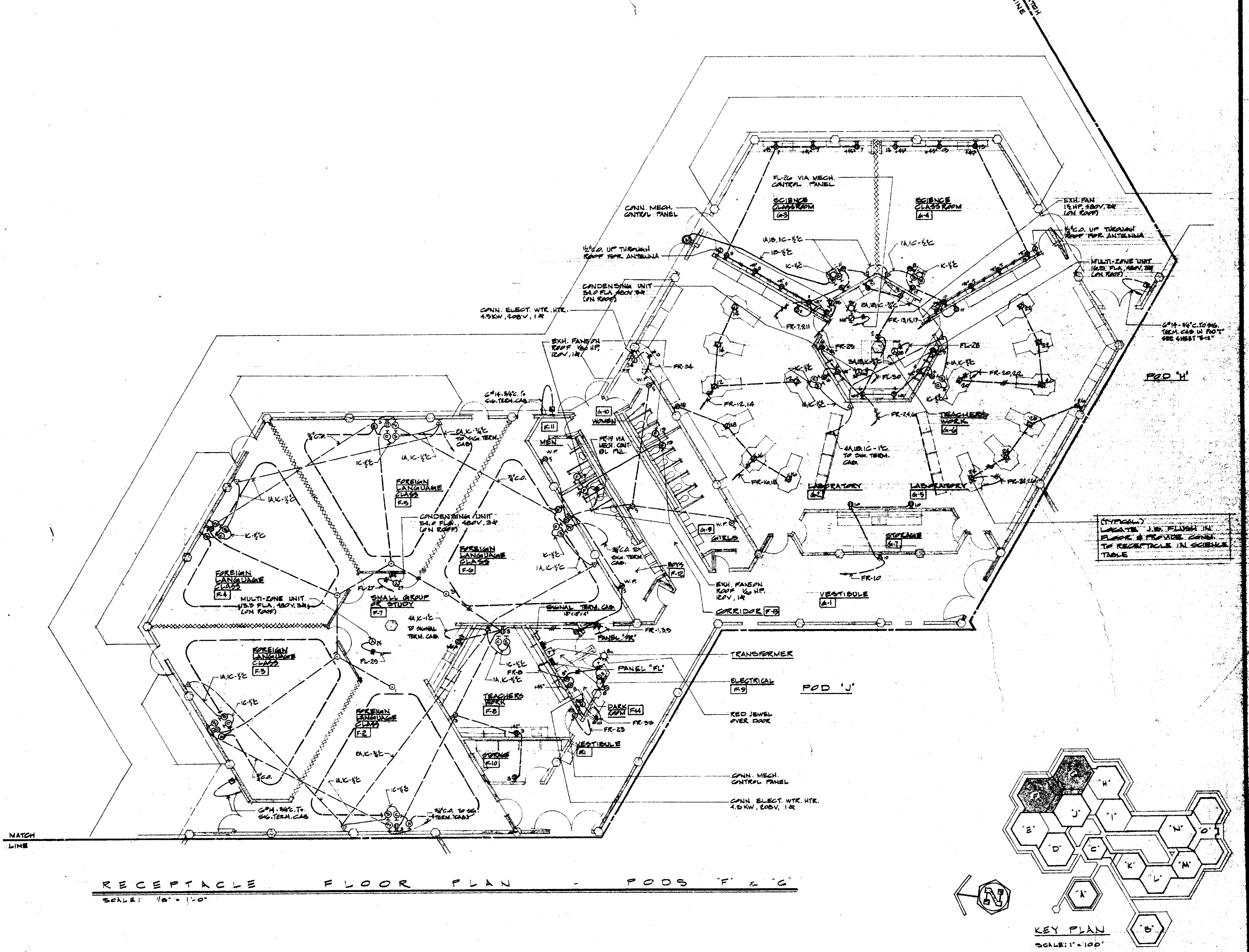
KAL H. PORTER
DON JENSEN • ASSOCIATES
AIA
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

CABINET
SCHEDULE AND DETAILS

REVISIONS

JOB NUMBER 6605
DESIGNED
DRAWN
CHECKED
DATE JAN. 12. 1968

A.9
OF


MATCH LINE
SCIENCE CLASSROOM G-3
SCIENCE CLASSROOM G-4
FL-26 VIA MECH. CONTROL PANEL
CONN. MECH. CONTROL PANEL
1/2"C.O. UP THROUGH ROOF FOR ANTENNA
CONDENSING UNIT 54.0 FLA 480V 3Ø (ON ROOF)
CONN. ELECT. WTR. HTR. 4.5KW, 208V, 1Ø
EXH. FANS ON ROOF 1/80 HP, 120V, 1Ø
EXH. FAN 1½ HP, 480V, 3Ø (ON ROOF)
1/2"C.O. UP THROUGH ROOF FOR ANTENNA
MULTI-ZONE UNIT 16.5 FLA, 480V, 3Ø (ON ROOF)
6#14-3/4"C. TO SIG. TERM. CAB IN POD "I" SEE SHEET "E-13"
1A,1B,1C-1/2"C
1B-1/2"C
K-1/2"C
1A,1C-1/2"C
2A,1B,K-3/4"C
3A,1B,K-3/4"C
FR-7,9,11
FR-13,15,17
FR-25
FL-28
FL-30
FR-34
FR-12,14
FR-20,22
FR-24,6
FR-16,18
FR-21,26
FR-10
4A,1B,1C-1"C TO SIG. TERM. CAB.
TEACHERS WORK G-6
LABORATORY G-2
LABORATORY G-5
STORAGE G-7
VESTIBULE G-1
CORRIDOR F-13
GIRLS G-9
BOYS F-12
WOMEN G-10
MEN F-11
W.P.
FR-19 VIA MECH. CONTROL PNL.
POD "H"
(TYPICAL) LOCATE J.B. FLUSH IN FLOOR & PROVIDE CONN. TO RECEPTACLE IN SCIENCE TABLE
6#14-3/4"C. TO SIG. TERM. CAB
2A,K-3/4"C TO SIG. TERM. CAB
3/4"C.O.
1C-1/2"C
1A,1C-1/2"C
FOREIGN LANGUAGE CLASS F-5
FOREIGN LANGUAGE CLASS F-4
FOREIGN LANGUAGE CLASS F-6
FOREIGN LANGUAGE CLASS F-3
FOREIGN LANGUAGE CLASS F-2
CONDENSING UNIT 54.0 FLA, 480V, 3Ø (ON ROOF)
MULTI-ZONE UNIT 13.5 FLA, 480V, 3Ø (ON ROOF)
SMALL GROUP OR STUDY F-7
FL-27
FL-25
4A,K-1"C TO SIGNAL TERM. CAB.
3/4"C.O. TO SIG. TERM. CAB.
SIGNAL TERM. CAB. 18"x18"x4"
FR-1,3,5
PANEL "FR"
TRANSFORMER
PANEL "FL"
ELECTRICAL F-9
POD 'J'
RED JEWEL OVER DOOR
FR-8
TEACHERS WORK F-8
DARK ROOM F-14
FR-33
FR-23
VESTIBULE F-1
STORAGE F-10
2A,1C-3/4"C
CONN. MECH. CONTROL PANEL
CONN. ELECT. WTR. HTR. 4.5KW, 208V, 1Ø
6#14-3/4"C. TO SIG. TERM. CAB
3/4"C.O. TO SIG. TERM. CAB
"H"
"J"
"I"
"E"
"D"
"C"
"K"
"L"
"M"
"N"
"O"
"A"
"B"
N

RECEPTACLE FLOOR PLAN - PODS "F" & "G"

SCALE: 1/8" = 1'-0"

KEY PLAN

SCALE: 1" = 100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
APPLICATION NO.
BY R. J. Denton
PRINCIPAL STRUCTURAL ENGINEER

ARCHITECT: Kal H. Porter

David M. Arrigoni
DAVID M. ARRIGONI
AND ASSOCIATES
Consulting Engineers
San Jose 286-2560

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO CALIFORNIA

KAL H. PORTER AIA
DON JENSEN • ASSOCIATES
EXECUTIVE OFFICE: 1376 NORTH FOURTH STREET
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

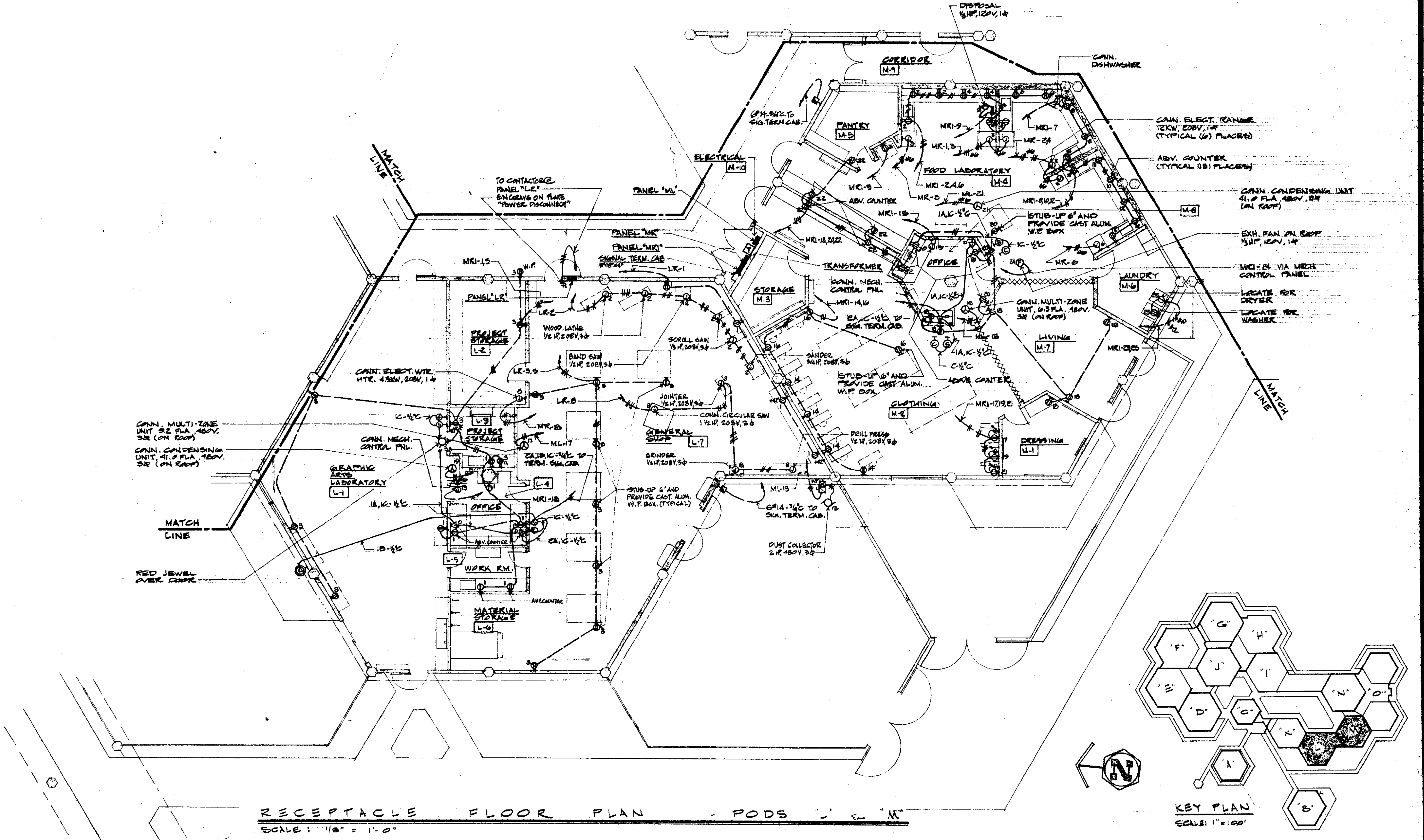
PODS 'F' & 'G' - RECEPTACLE FLOOR PLAN

REVISIONS

JOB NUMBER	6605.
DESIGNED	W.C.L.
DRAWN	K.D.L.
CHECKED	
DATE	

E-10

OF 18 SHEETS



RECEPTACLE FLOOR PLAN - PODS "L" & "M"
SCALE: 1/8" = 1'-0"

KEY PLAN
SCALE: 1" = 100'

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE JAN 1968
BY

STATE OF CALIFORNIA — DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION
29443 APPROVED JAN 16 1968
APPLICATION NO.
Per A. J. Beeton

ARCHITECT Kal H Porter

David M. Arrigoni
DAVID M. ARRIGONI
AND ASSOCIATES
Consulting Engineers
San Jose 286-2560

NATHANIEL BOWDITCH SCHOOL
FOSTER CITY NEIGHBORHOOD #3 MIDDLE SCHOOL
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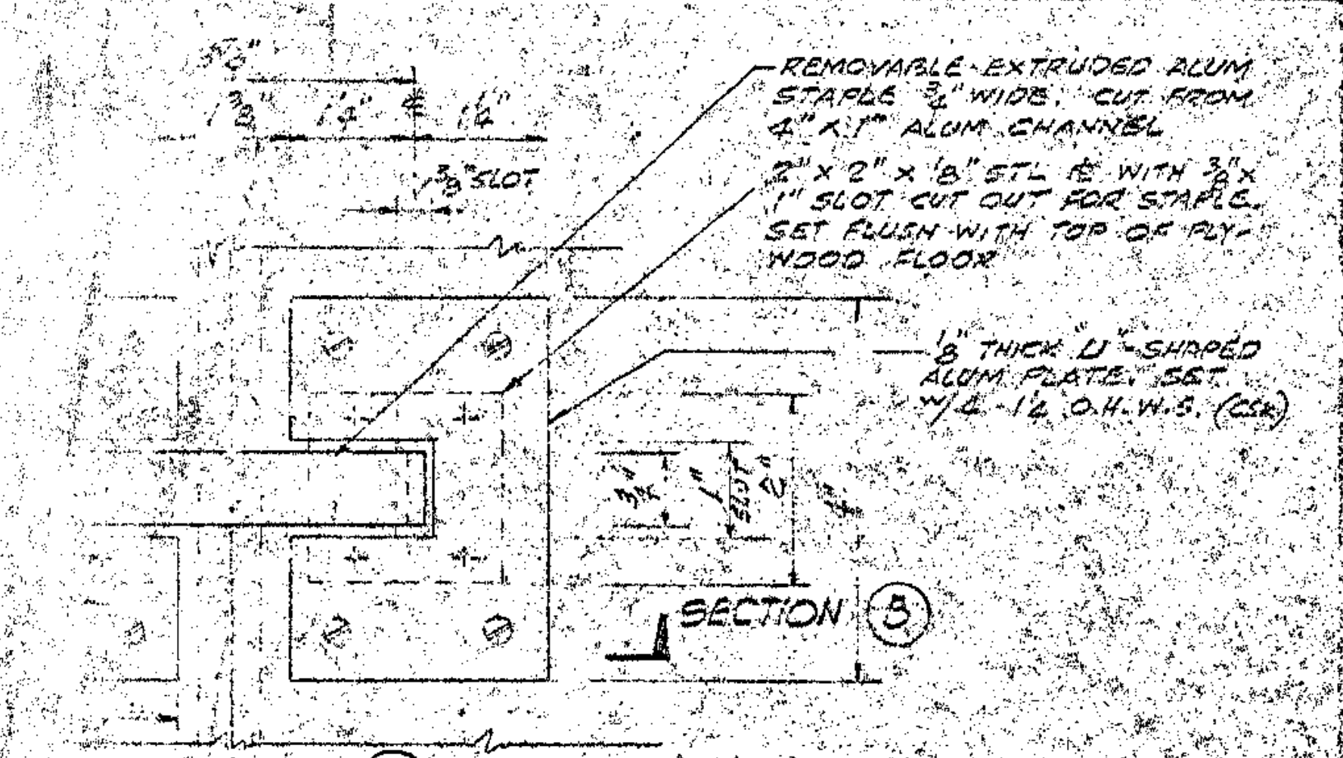
SAN JOSE, CALIFORNIA • TELEPHONE 297-3078

PODS "L" & "M" - RECEPTACLE FLOOR PLAN

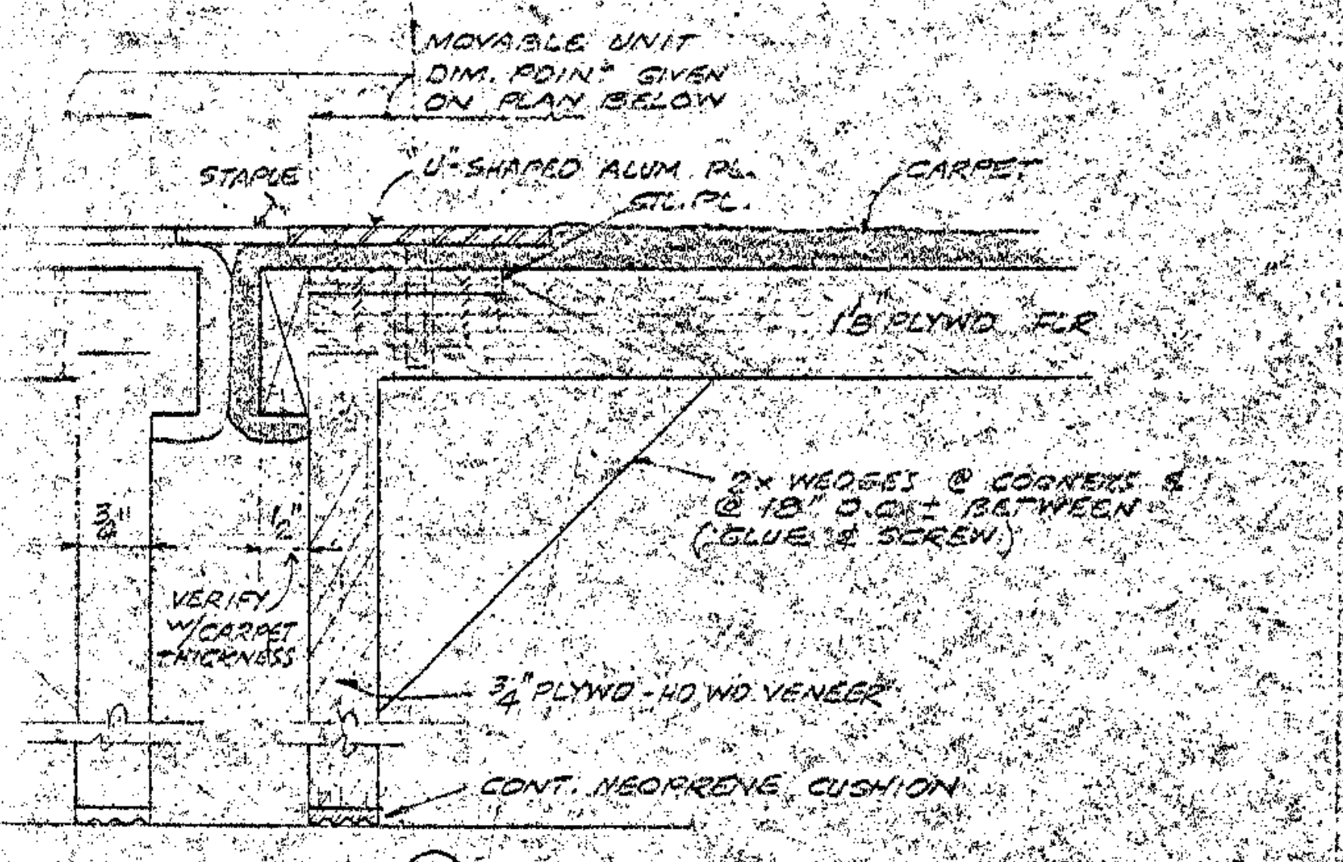
REVISIONS

JOB NUMBER	6605
DESIGNED	W.C.L.
DRAWN	K.D.L.
CHECKED	
DATE	

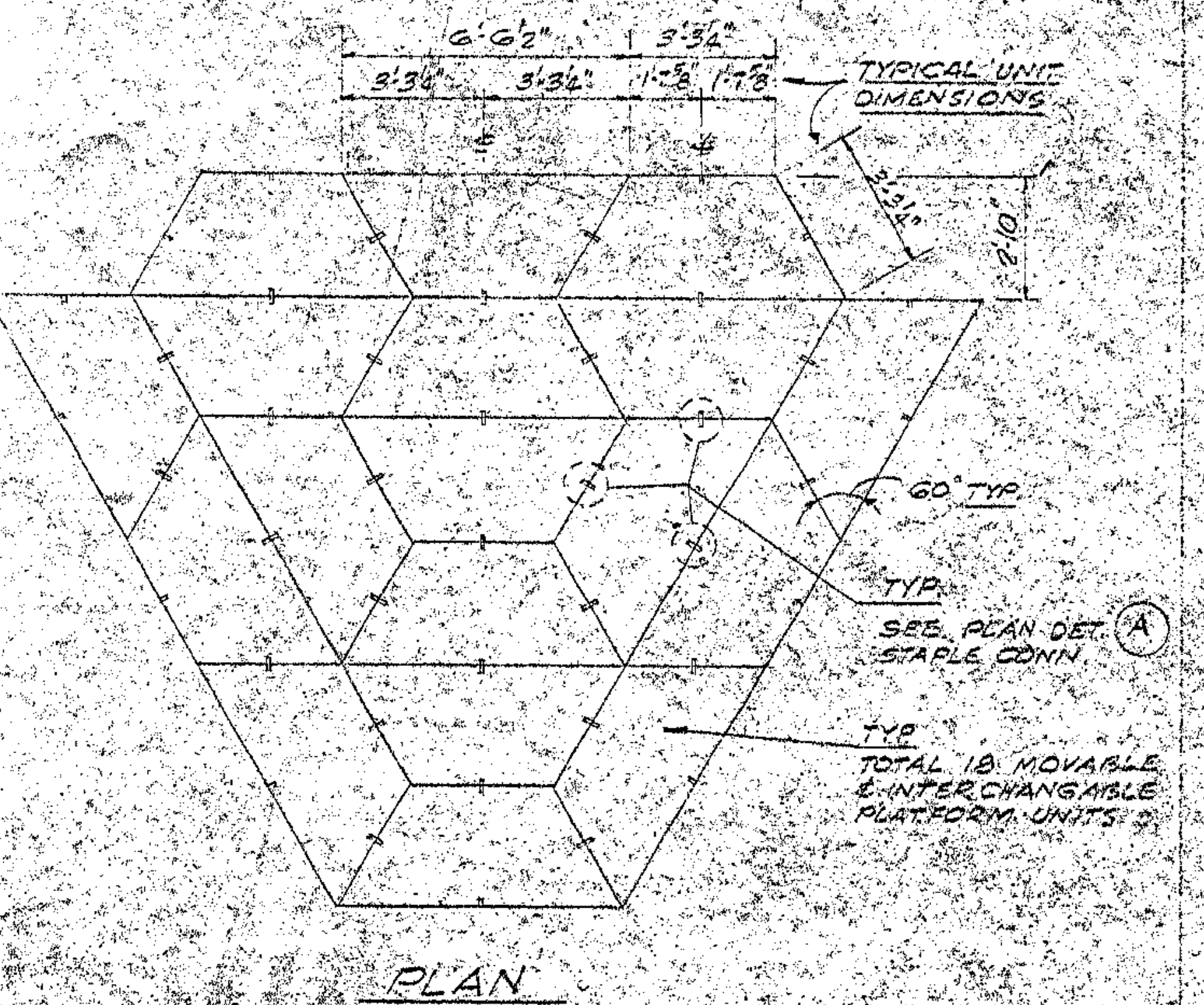
E-14
OF 18 SHEETS


3/8"
1 3/8"
1/4"
1/4"
3/8" SLOT
REMOVABLE EXTRUDED ALUM STAPLE 3/4" WIDE. CUT FROM 4" X 1" ALUM. CHANNEL
2" x 2" x 8" STL PL WITH 3/8" x 1" SLOT CUT OUT FOR STAPLE. SET FLUSH WITH TOP OF PLYWOOD FLOOR
1/8" THICK "U"-SHAPED ALUM PLATE. SET W/4-1/2 O.H.W.S. (CSK)
SECTION B

DETAIL Ⓐ STAPLE CONN.

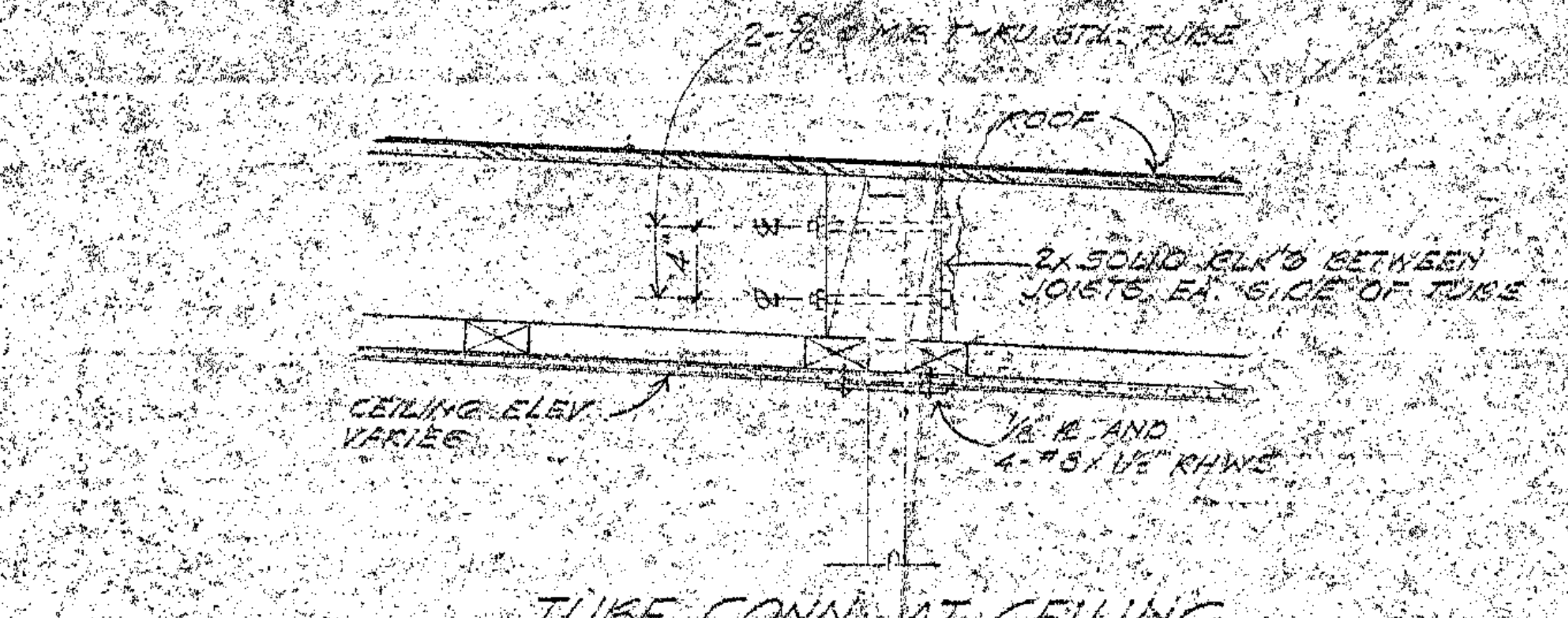

MOVABLE UNIT DIM. POINT GIVEN ON PLAN BELOW
STAPLE
"U"-SHAPED ALUM. PL.
STL. PL.
CARPET
1 1/8 PLYWD. FLR
2x WEDGES @ CORNERS & @ 18" O.C.± BETWEEN (GLUE & SCREW)
3/4"
1/2"
VERIFY W/CARPET THICKNESS
3/4" PLYWD - HD WD VENEER
CONT. NEOPRENE CUSHION

SECTION Ⓑ

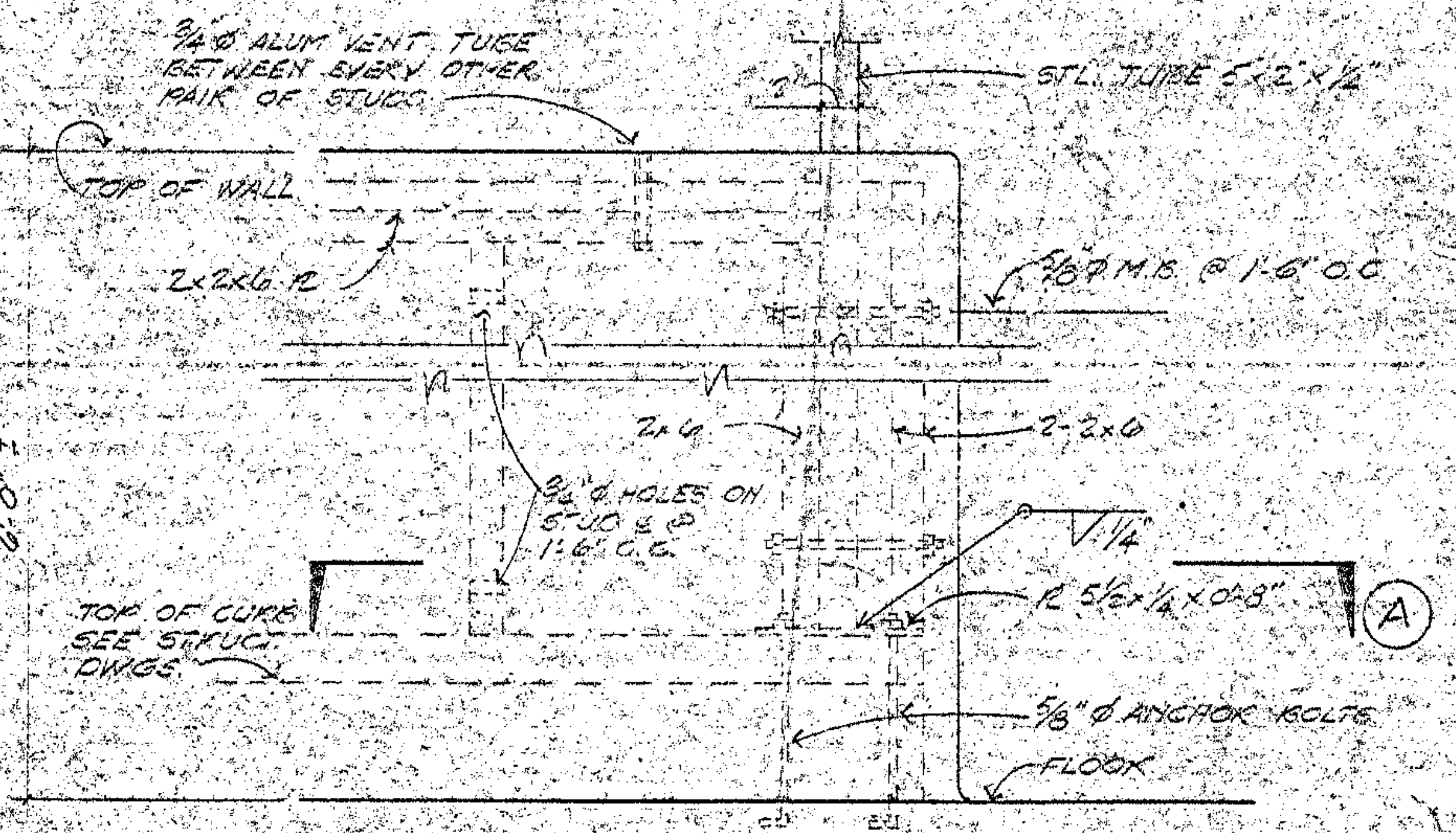


PLAN

MOVABLE PLATFORM DETAIL

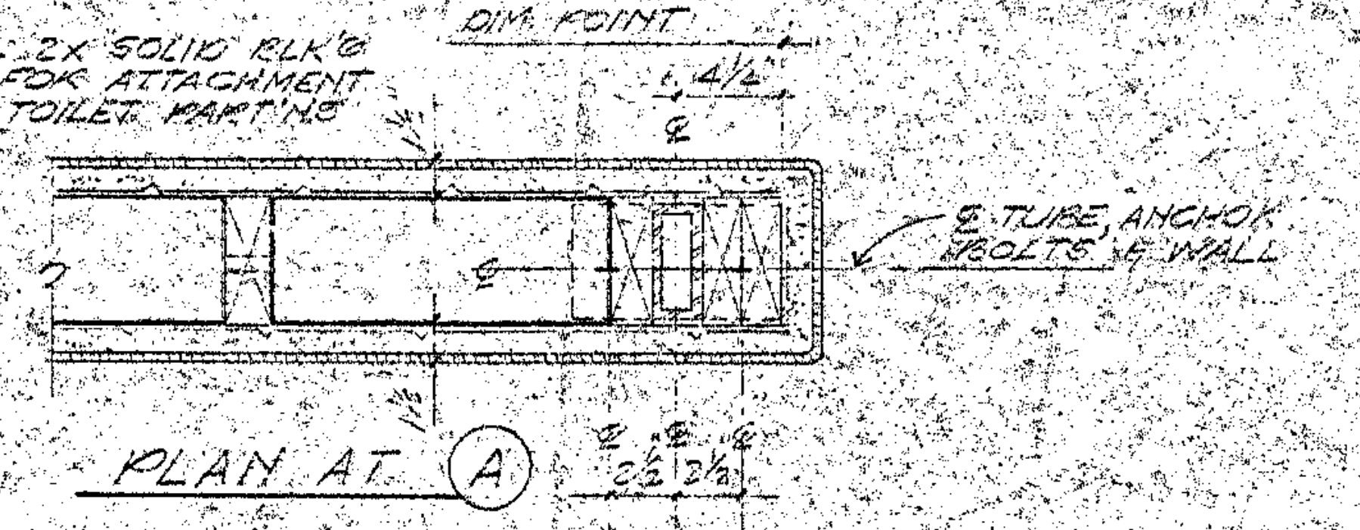

2-5/8" Ø M.B. THRU STL. TUBE
ROOF
4"
2x SOLID BLK'G BETWEEN JOISTS, EA. SIDE OF TUBE
CEILING ELEV. VARIES
1/2" PL AND 4-#8 x 1 1/2" RHWS

TUBE CONN. AT CEILING



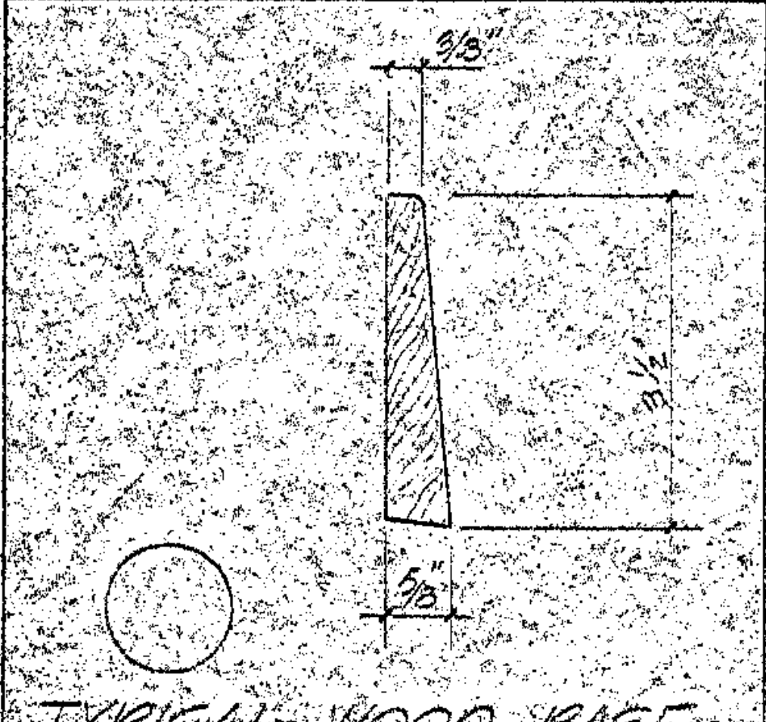
ELEVATION

NOTE:
INSTALL ALL 2X SOLID BLK'G REQUIRED FOR ATTACHMENT BACKING @ TOILET PART'NS & MIRRORS.

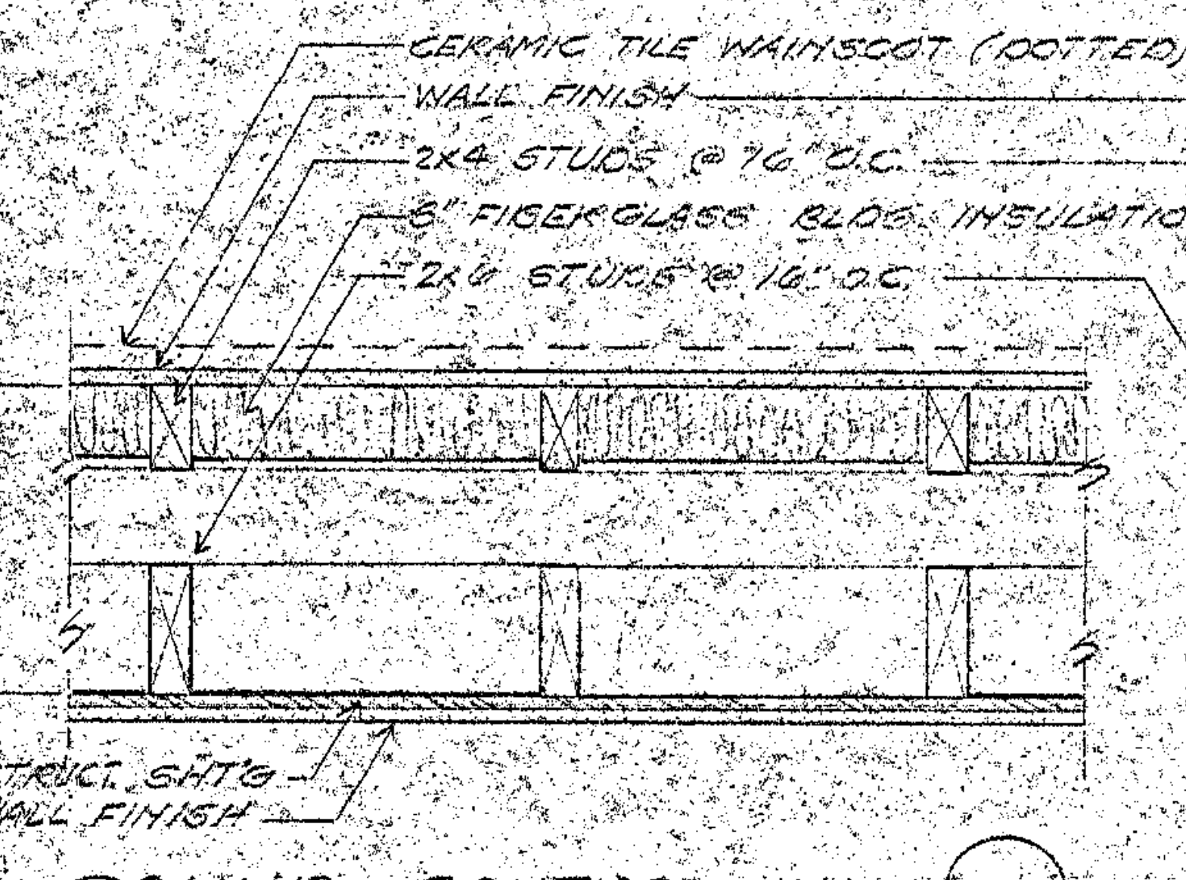


PLAN AT Ⓐ

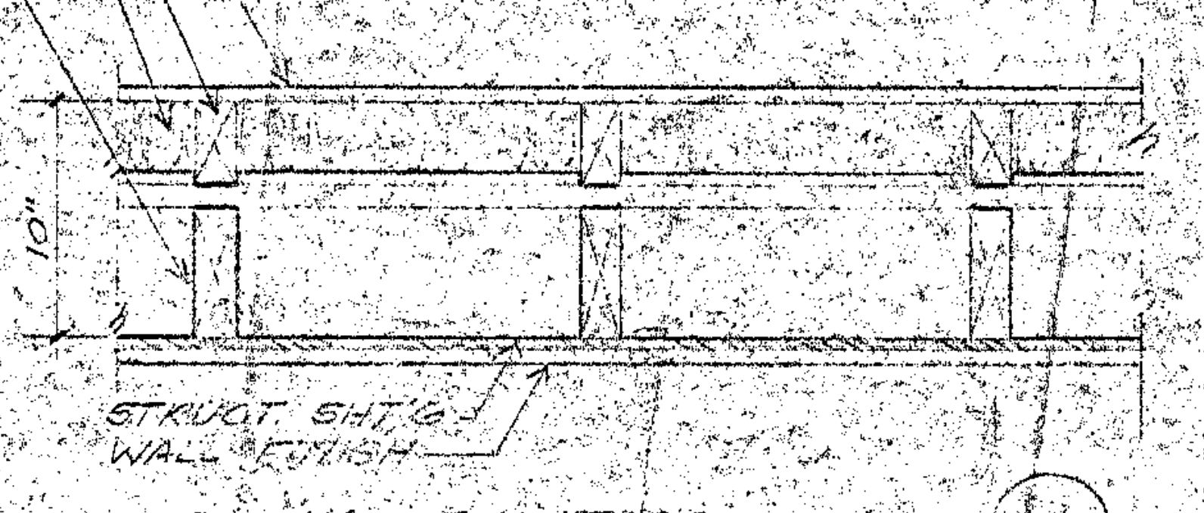
TOILET ROOM STUB WALL DETS.
SCALE: 1 1/2" = 1'-0"



TYPICAL WOOD BASE
SCALE: 1/2 FULL SIZE

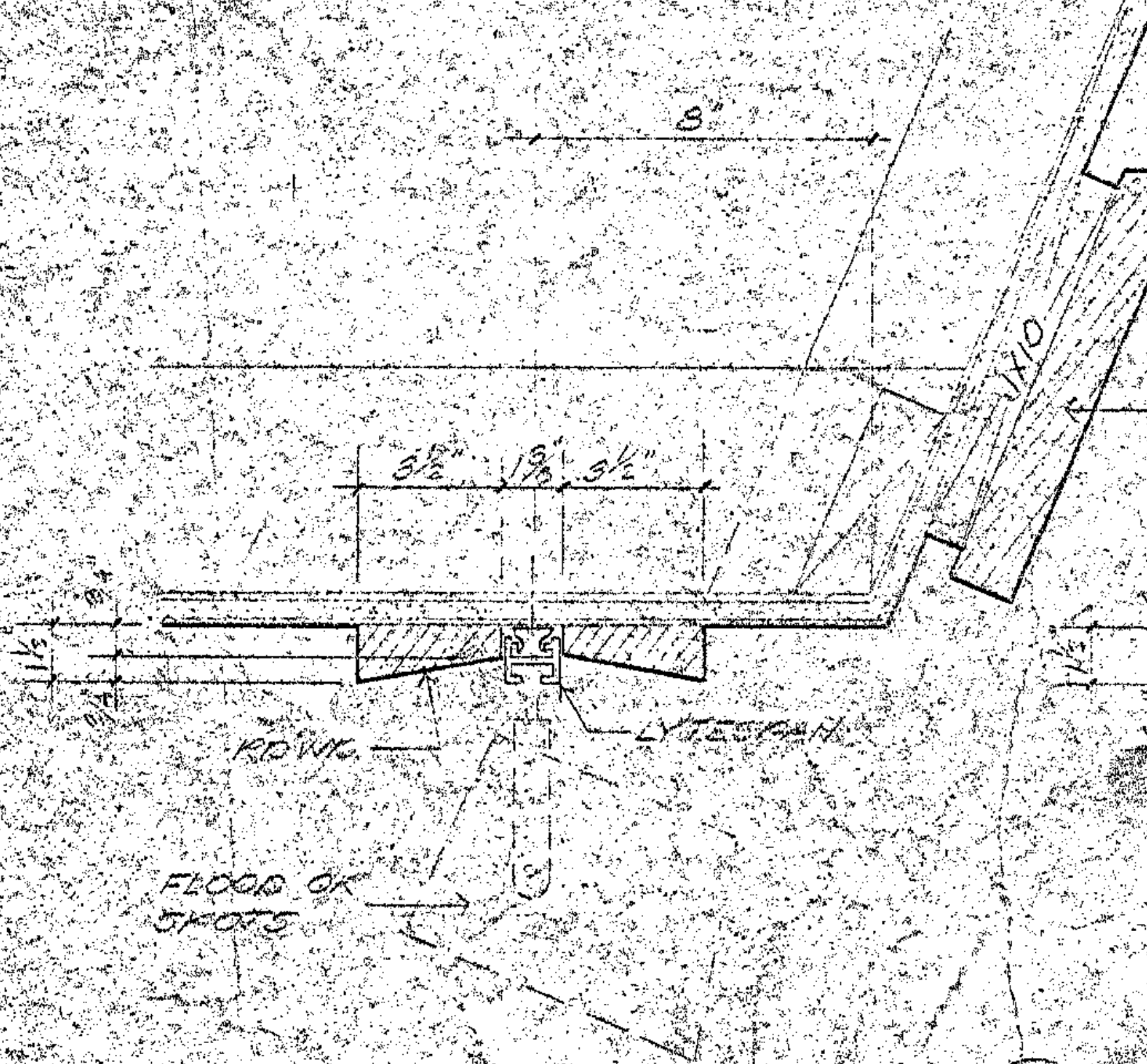


SOUND CONTROL WALL
SCALE: 1 1/2" = 1'-0"

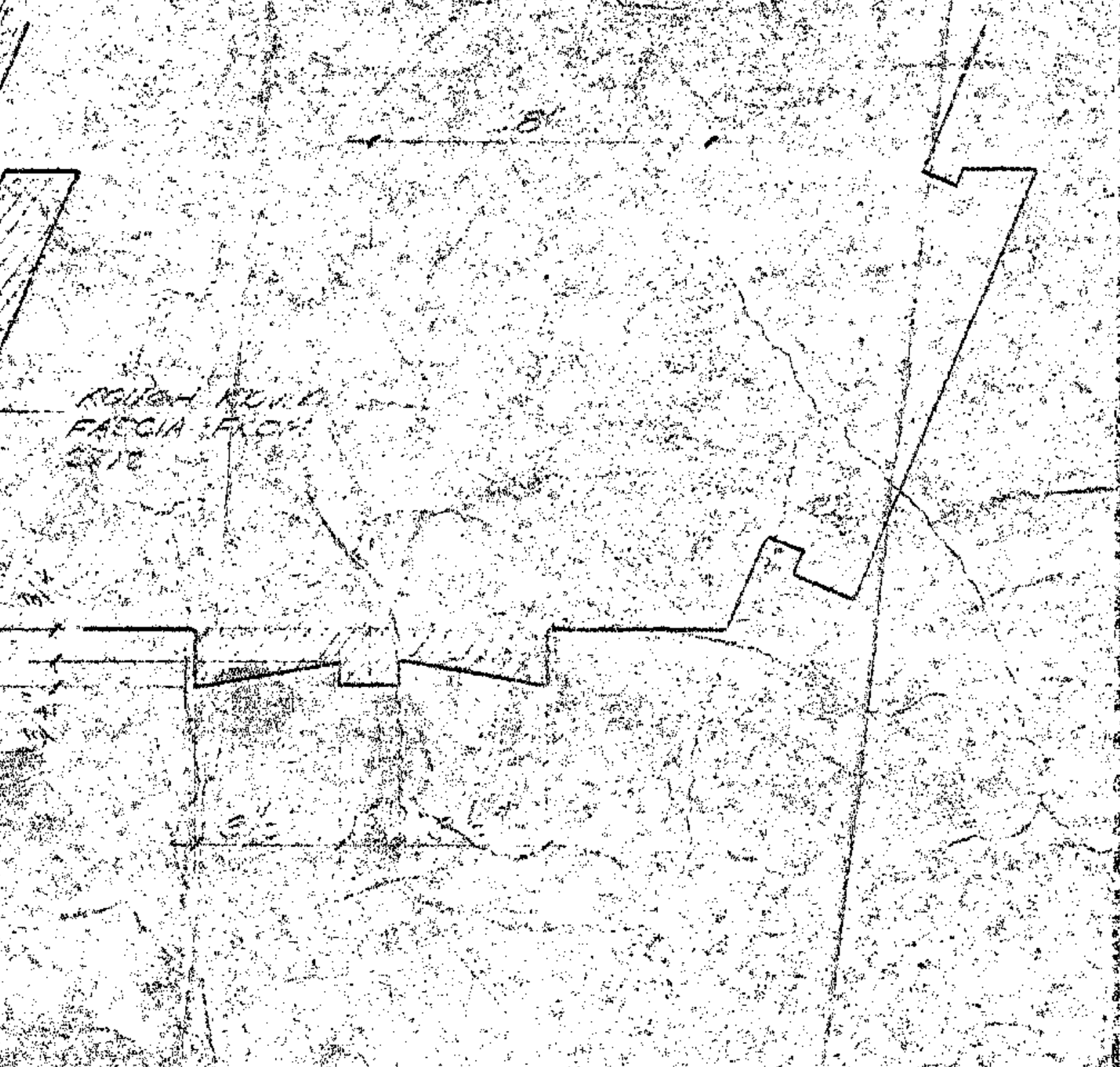


NOTE
INSTALL HORIZONTAL FIRE-STOP MATERIAL AT MID-SPAN BETWEEN FLOOR & CEILING

SOUND CONTROL WALL
SCALE: 1 1/2" = 1'-0"



SECTION THRU LYTESPAN
SCALE: 1/4" = 1'-0"



SECTION BETWEEN LYTESPAN

CONTRACT SIGNATURES
CONTRACTOR
BOARD OF TRUSTEES

BOARD OF TRUSTEES APPROVAL OF PLANS & SPECIFICATIONS

SUPERINTENDENT OF SCHOOLS

NOTE: The Contractor shall check all dimensions of the job and shall be responsible for all discrepancies between dimensions of the actual work and those shown in the documents or Architect's approved shop drawings. The Contractor shall also be responsible for the proper quantities of material or equipment called for to properly complete the work.

APPROVED—STATE FIRE MARSHAL
STATE OF CALIFORNIA
DATE:

OFFICE OF ARCHITECTURE AND CONSTRUCTION—SCHOOL HOUSE SECTION

SAN MATEO CITY SCHOOL DISTRICT
SAN MATEO COUNTY CALIFORNIA

CORWIN BOOTH·AIA NORMAN DELANO HALE·AIA EDWARD A. KRAJCAR·AIA RICHARD HEIDLOFF·AIA WESLEY F. HULL·PLANNING

CB
AA
CORWIN BOOTH & ASSOCIATED ARCHITECTS
301 HOWARD STREET, SAN FRANCISCO, CALIFORNIA 94105, TELEPHONE 415 EX 2-3708

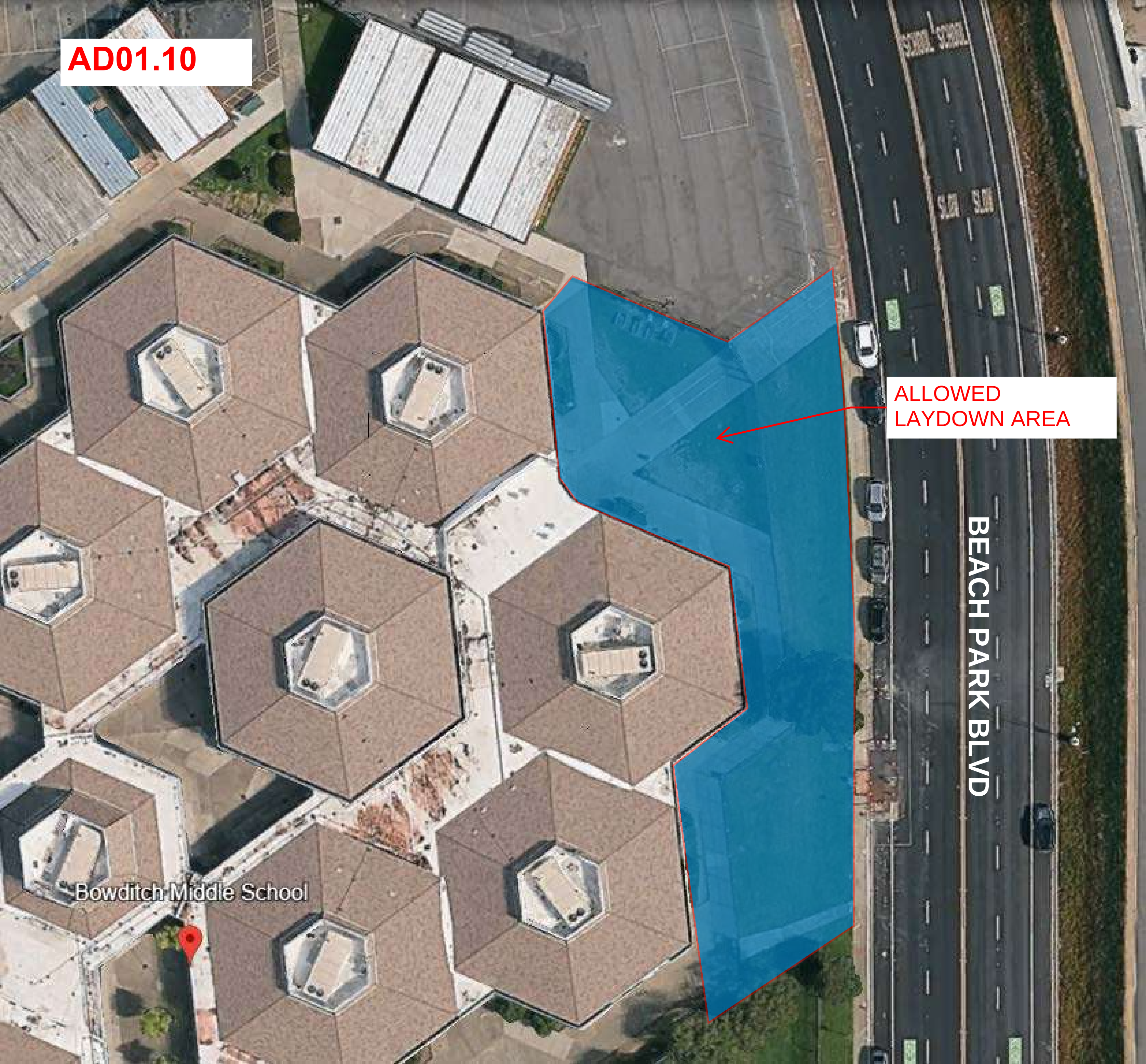
SHEET TITLE

FILE NUMBER

TRACING DATE

PRINT DATE
AUG 9 1968

DRAWING NO.


AD01.10
ALLOWED LAYDOWN AREA
BEACH PARK BLVD
Bowditch Middle School