WILLMORE ELEMENTARY SCHOOL ONLY

None *Per Add #2*

A L T E R A T I O N S   T O :

WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT

WESTMINSTER CALIFORNIA

ABBREVIATIONS

AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACOUST	ACOUSTICAL
ACT	ACOUSTIC TILE
AD	AREA DRAIN
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BAL	BALANCE
BD	BOARD
BETW	BETWEEN
BLK	BLOCK
BLKG	BLOCKING
BLKHD	BULKHEAD
BM	BEAM OR BENCH MARK
BOT	BOTTOM
BS	BOTH SIDES
BTU	BRITISH THERMAL UNITS
BU	BUILT UP
BUR	BUILT-UP ROOFING
C/C	CENTER TO CENTER
CAB	CABINET
CARP	CARPET
CB	CATCH BASIN OR CHALKBOARD
CEM	CEMENT
CER	CERAMIC
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CI	CAST IRON
CJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLNG	CEILING
CLOS	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
COMPO	COMPOSITION
CONC	CONCRETE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CP	CONTROL PANEL
CSK	COUNTERSUNK
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DISP	DISPENSER
DL	DEAD LOAD
DN	DOWN
DP	DISABLED PERSON
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
(E)	EXISTING
EA	EACH
EDF	ELECTRICAL DRINKING FOUNTAIN
EE	EGGSHELL ENAMEL
ELEC	ELECTRIC/ ELECTRICAL
ELEV	ELEVATION
ENG	ENGINEERING
ENTR	ENTRANCE
EP	ELECTRICAL PANEL
EQUIP	EQUIPMENT
EST	ESTIMATED
EWC	ELECTRICAL WATER COOLER
EWH	ELECTRICAL WATER HEATER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F/F	FACE TO FACE
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FS	FULL SIZE
FT	FOOT OR FEET
FTG	FOOTING
FURN	FURNITURE

G	GAS
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GL	GLASS
GLB	GLUE LAMINATED BEAM
GR BM	GRADE BEAM
GYP	GYPSUM
H&CW	HOT & COLD WATER
HB	HOSE BIB
HD	HEAD
HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HTR	HEATER
HW	HOT WATER
HWY	HIGHWAY
HYD	HYDRANT
ID	INSIDE DIAMETER
IN	INCH
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
J-BOX	JUNCTION BOX
JAN	JANITOR
JST	JOIST
JT	JOINT
KD	KNOCK DOWN
KO	KNOCK OUT
LAM	LAMINATED
LAV	LAVATORY
LDG	LANDING
LF	LINEAL FOOT
LG	LONG
LH	LEFT HAND
LKR	LOCKER
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LRG	LARGE
LT	LIGHT
LT WT	LIGHTWEIGHT
MACH	MACHINE
MATL	MATERIAL
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MET	METAL
MEZZ	MEZZANINE
MFG	MANUFACTURING
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
ML	METAL LATH
MO	MASONRY OPENING
MSD	MOTION SENSOR/ DETECTOR
MTD	MOUNTED
MTG	MOUNTING
MULL	MULLION
(N)	NEW
NA	NOT APPLICABLE
NAT	NATURAL
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/O	OUT TO OUT
OA	OVERALL
OBS	OBSCURE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHWS	OVAL HEAD WOOD SCREW
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTIONAL
ORIG	ORIGINAL
PERF	PERFORATED
PIV	POST INDICATOR VALVE
PKG	PACKAGE
PL	PLATE OR PROPERTY LINE
PLAS	PLASTER
PLAT	PLATFORM
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PORT	PORTABLE
PR	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED

PRELIM	PRELIMINARY
PRKG	PARKING
PROJ	PROJECT
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PVC	POLYVINYLCHLORIDE
PVMT	PAVEMENT
RA	RETURN AIR
RAD	RADIUS
RD	ROOF DRAIN
RECD	RECEIVED
RECT	RECTANGULAR
REF	REFERENCE
REG	REGISTER
REINF	REINFORCING
REQ	REQUIRED
REV	REVISED
RH	RIGHT HAND
RHMS	ROUND HEAD METAL SCREW
RHWS	ROUND HEAD WOOD SCREW
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RWD	REDWOOD
SB	SPLASH BLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SD	SMOKE DETECTOR
SECT	SECTION
SEG	SEGMENT
SGE	SEMI GLOSS ENAMEL
SGL	SINGLE
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SK	SINK
SPEC	SPECIFICATION
SQ	SQUARE
SSK	SERVICE SINK
ST	STREET
STAG	STAGGERED
STD	STANDARD
STIF	STIFFENER
STIR	STIRRUP
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TACKBOARD
TEL	TELEPHONE
TEMP	TEMPERED
TERM	TERMINAL
THK	THICKNESS
THRESH	THRESHOLD
THRU	THROUGH
TYP	TYPICAL
UC	UNDERCUT
UNFIN	UNFINISHED
UR	URINAL
UNO	UNLESS NOTED OTHERWISE
VAT	VINYL ASBESTOS TILE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATOR
VERT	VERTICAL
VEST	VESTIBULE
VT	VINYL TILE
VTR	VENT THRU ROOF
VIF	VERIFY IN FIELD
W	WIDE
W/	WITH
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WH	WATER HEATER
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD DRAIN
ZA	ZINC ALLOY

GENERAL NOTES

GENERAL NOTES:

1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO START OF WORK AND IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ANY DISCREPANCIES WHICH MAY EXIST BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND ACTUAL FIELD CONDITIONS. NO EXTRA WILL BE ALLOWED DUE TO EXTRA COST ARISING FROM SUCH DISCREPANCIES.
2. THE CONTRACTOR SHALL THOROUGHLY INVESTIGATE, VERIFY, AND BEAR FULL RESPONSIBILITY FOR DIMENSIONS AND EXISTING CONDITIONS THAT AFFECT CONSTRUCTION AS SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONDITION REQUIRING MODIFICATION OR CHANGE PRIOR TO STARTING WORK.
3. ANY DAMAGE TO EXISTING FACILITIES OR CONSTRUCTION CAUSED BY OPERATIONS UNDER THESE CONTRACTS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE SCHOOL DISTRICT AT THE CONTRACTOR'S EXPENSE.
4. WHERE EXISTING FINISH IS DISTURBED, DAMAGED OR REMOVED DURING THE WORK, THE CONTRACTOR IS TO REPAIR OR REPLACE AS NECESSARY TO MATCH EXISTING. ALL NEW MATERIALS ADDED SHALL MATCH EXISTING IN ALL RESPECTS (FORM, THICKNESS, QUALITY, TEXTURE, COLOR, ETC.).
5. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, DRAINAGE LINES, PIPING, OR CONDUITS, ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND/OR INSTALLED BY OTHER CONTRACTS. THE ARCHITECT AND THE ENGINEER ARE NOT RESPONSIBLE FOR THE LOCATION OF OR THE EXISTENCE OF UNDERGROUND UTILITIES AND STRUCTURES WHETHER OR NOT SHOWN AND/OR INSTALLED BY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION AND SAFETY.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL UTILITIES AND SUBSTRUCTURES WITHIN THE LIMITS OF NEW WORK WHETHER SHOWN ON THE PLANS OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR WILL BE HELD RESPONSIBLE AND SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF SAID UTILITIES AND SUBSTRUCTURES DAMAGED BY HIS OPERATION IN CONNECTION WITH EXECUTION OF THIS WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL DAMAGE ARISING FROM AND/OR CONNECTED WITH DAMAGE TO SAID UTILITIES AND SUBSTRUCTURES AS OUTLINED ABOVE.
7. PRIOR TO COMMENCING HIS WORK, THE CONTRACTOR SHALL WALK THE AREAS WITH THE INSPECTOR AND MAKE A LIST OF ANY EXISTING DAMAGE TO EXISTING IMPROVEMENTS. ANY DAMAGE LATER DISCOVERED THAT IS NOT ON THIS LIST WILL BE ASSUMED TO HAVE BEEN DONE BY THE CONTRACTOR. THE CONTRACTOR SHALL BE HELD RESPONSIBLE AND BEAR THE EXPENSE FOR REPAIR OF ALL DAMAGE TO EXISTING IMPROVEMENTS.
8. THE EXISTING PLANS AND ELEVATIONS INDICATED ON THE PLANS WERE OBTAINED FROM PREVIOUS CONSTRUCTION CONTRACT DRAWINGS RATHER THAN BY SURVEY METHODS. NO EXTRA COMPENSATION WILL BE GRANTED TO THE CONTRACTOR BECAUSE OF ANY DIFFERENCES AND/OR DISCREPANCIES WHICH MAY EXIST BETWEEN ACTUAL FIELD CONDITIONS AND THOSE AS REPRESENTED ON THE DRAWINGS.
9. FOR DISPOSITION OF EXISTING UTILITY LINES WITHIN THE LIMITS OF WORK, SEE THE ELECTRICAL AND MECHANICAL DRAWINGS AND THEIR CORRESPONDING SECTION OF THE SPECIFICATIONS.
10. ALL EXISTING IMPROVEMENTS AND ALL EXISTING ACTIVE UTILITY LINES TO REMAIN (WHETHER ABOVE OR BELOW GROUND) WITHIN THE NEW CONSTRUCTION AREA SHALL BE PROPERLY AND ADEQUATELY PROTECTED FROM DAMAGE DURING THE ENTIRE CONSTRUCTION PERIOD. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE TO THEIR ORIGINAL CONDITION ANY OF THESE EXISTING ITEMS THAT ARE DAMAGED OR DISTURBED IN ANY WAY.
11. PATCH ROOFING AS REQUIRED TO MATCH EXISTING WHERE EXISTING IS DISTURBED BY NEW WORK - INCLUDING CANT STRIPS, FLASHING, ETC. AS REQUIRED FOR A COMPLETE WATERTIGHT INSTALLATION.
12. CHANGES TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT IN WRITING PER SECTION 4-338, TITLE 24 (CCR) PRIOR TO START OF WORK.
13. IT IS THE CONTRACTORS RESPONSIBILITY TO REPLACE/RELOCATE ANY EXISTING ELECTRICAL FIXTURES SUCH AS CLOCKS, P.A. SYSTEM ELECTRICAL OUTLETS AND BOXES, ETC. TO ACCOMMODATE NEW WORK. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR COMPLETE SCOPE OF WORK.
14. UNLESS OTHERWISE NOTED ALL TOILET FIXTURES, TOILET ITEMS TYPICALLY NOTED TO BE REMOVED, SHALL BE REPLACED WITH NEW FIXTURES AND ACCESSORIES. ITEMS NOT REUSED IN THE COURSE OF THE WORK, SHALL BE TURNED OVER TO THE DISTRICT ON OR BEFORE THE DATE OF SUBSTANTIAL COMPLETION.
15. THE PROJECT WORK SHALL CONFORM TO THE 1998 (C.F.C.) CALIFORNIA FIRE CODE, ARTICLE 87- FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION OF A BUILDING.

INSPECTION:

AN INSPECTOR, EMPLOYED BY THE DISTRICT AND APPROVED IN WRITING BY D.S.A., SHALL BE REQUIRED FOR CONTINUOUS INSPECTION OF THIS WORK IN ACCORDANCE WITH DUTIES DEFINED BY SECTION 4-342, PART I - TITLE 24, CCR.

FLAME SPREAD SCHEDULE:

ASTM E-84 TUNNEL TEST	FLAME SPREAD	SMOKE CONTRIBUTION
VINYL WALLCOVERING	15	20
VINYL TACKBOARD	15	20
ACOUSTIC TILE (BOTH FACES)	0-25	15

SYMBOLS

2 / A-3.2	BUILDING SECTION	A-112	DOOR NUMBER
4 / A-4.2	WALL SECTION		REVISION
		A	SIGNAGE TYPE
1 / A-6.2	ELEVATIONS	CLINICS 111	ROOM NAME
2 / A-6A	INTERIOR ELEVATIONS; SHEET #; LINE, ELEV #, COMPASS DIRECTION		WORK POINT
			NORTH ARROW
10.2	CONSTRUCTION KEY NOTES (NEW WORK)	EL 100.03	SPOT ELEVATION
3 / A-2	DETAIL REFERENCE	(100.03)	EXIST SPOT ELEVATION
2.3	DEMOLITION KEY NOTES (DEMO WORK)	D2	WINDOW ELEVATIONS

CODE INFORMATION

ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES AND REGULATIONS:

1. 1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART I, TITLE 24 C.R.R.
2. 1997 UBC AND 1998 CALIFORNIA AMENDMENTS (98 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
3. 1996 NEC AND 1998 CALIFORNIA AMENDMENTS (98 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)
4. 1997 UMC AND 1998 CALIFORNIA AMENDMENTS (98 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
5. 1997 UPC AND 1998 CALIFORNIA AMENDMENTS (98 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR) - (PUBLISHER IAPMO)
6. 1997 UFC AND 1998 CALIFORNIA AMENDMENTS (98 CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
7. 1998 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R
8. 1990 TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
9. NOT USED.
10. CALIFORNIA CODE OF REGULATIONS TITLE 8, INDUSTRIAL CODES
11. CALIFORNIA ENERGY CONSERVATION STANDARDS
12. NATIONAL BOARD OF FIRE UNDERWRITERS
13. NFPA 72 NATIONAL FIRE ALARM CODES (CALIFORNIA AMENDED) 1996 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
14. NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 1994 EDITION
15. NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 1994 EDITION
16. REFERENCE CODE SECTION FOR NFPA STANDARDS -CBC (SFM) 3503.1.3
17. STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY
18. ANY PREVAILING RULES AND REGULATIONS PERTAINING TO ADEQUATE PROTECTION AND/OR GUARDING OF ANY MOVING PARTS OR OTHERWISE HAZARDOUS LOCATIONS.
19. NOT USED.
20. ALL ACCESSIBILITY REQUIREMENT ITEMS SHALL COMPLY WITH TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS.
21. CHANGES MADE TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT IN WRITING AS REQUIRED BY SECTION 4-338, PART I, TITLE 24, CCR. PRIOR TO START OF WORK.

NOTE: SEE SHEET G-0.2 FOR FIRE DEPARTMENT NOTES.

SHEET INDEX

INDEX NO.	DWG. NO.	DRAWING TITLE:
ARCHITECTURAL:		
01	G0.1	TITLE , INDEX, MAP & GENERAL NOTES
02	G0.2	GENERAL / FIRE NOTES, CODE DATA
03	D-2.1	DEMOLITION FLOOR PLANS - A-B, C-D BLDGS. & DEMO KEY NOTES
04	D-2.2	DEMOLITION FLOOR PLANS - ADMIN & KINDERGARTEN BLDGS.
05	D-2.3	DEMOLITION FLOOR PLAN - MULTI-PURPOSE BLDG.
06	A-1.1	SITE PLAN
07	A-1.2	SITE DETAILS
08	A-1.3	DETAILS
09	A-2.1	FLOOR PLANS - A-B & C-D BLDGS. & TYP. CONSTRUCTION KEY NOTES
10	A-2.2	FLOOR PLANS - ADMIN. & KINDERGARTEN BLDGS
11	A-2.3	FLOOR PLAN - MULTI-PURPOSE BLDG.
12	A-3.1	ENLARGED TOILET FLOOR PLANS & INT. ELEVATIONS
13	A-3.2	ENLARGED TOILET FLOOR PLAN & INT. ELEVATIONS
14	A-3.3	ENLARGED TOILET FLOOR PLAN & INT. ELEVATIONS
15	A-7.1	DOOR, WINDOW & FINISH SCHEDULES
16	A-7.2	DOOR & WINDOW DETAILS
17	A-8.1	INTERIOR ELEVATIONS
18	A-8.2	TYPICAL DETAILS
MECHANICAL:		
19	M-0.1	MECHANICAL SYMBOLS, NOTES & SCHEDULES
20	M-2.1	MECHANICAL FLOOR PLANS - BLDGS 'A-B' AND 'C-D'
21	M-2.2	MECHANICAL FLOOR PLANS KINDERGARTEN AND MUTI-PURPOSE BLDGS
22	M-3.1	MECHANICAL ENLARGED PLANS
ELECTRICAL:		
23	E-1.1	SYMBOLS LIST, SCHEDULE AND LIGHTING COMPLIANCES
24	E-2.1	BLDBS "A-B" + "C-D" DEMOLITION PLANS
25	E-2.1.1	BLDGS "A-B" + "C-D" LIGHTING PLANS
26	E-2.1.2	BLDGS "A-B" + "C-D" POWER PLANS
27	E-2.1.3	BLDGS "A-B" + "C-D" FIRE ALARM PLANS
28	E-2.2	BLDGS "K", ADMIN.+ M-PURPOSE DEMO PLANS
29	E-2.2.1	BLDGS "K", ADMIN + M-PURPOSE LIGHTING PLANS
30	E-2.2.2	BLDGS "K", ADMIN + M-PURPOSE POWER PLANS
31	E-2.2.3	BLDGS "K", ADMIN + M-PURPOSE FA PLANS
32	E-2.3	FIRE ALARM RISER DIAGRAM

WILLMORE ELEMENTARY SCHOOL

AD1-1 - Enlarged Toilet Plan – Bldg. "K" (Reference: Sheet M-3.1) – 8-1/2x11

AD1-2 - Enlarged Toilet Plan – Bldg. "MP" (Reference: Sheet M-3.1) – 8-1/2x11

AD1-3 - Sheet Notes – Bldgs. "A-B" + "C-D" Demolition Plans (Reference: Sheet E-2.1) – 8-1/2x11

AD1-4 - Bldgs. "A-B" + "C-D" Lighting Plans (Reference: Sheet E-2.1.1) – 8-1/2x11

Per Add #1

FIRE DEPT. NOTES:

1. THIS IS A COMPLETE PLAN SUBMITTAL AS PER DSA POLICY #95-03 (FLS).
2. THE FIRE ALARM REMOTE CONTROL PANEL IS CONFIGURED TO A MANUAL SYSTEM WITH ONE AUTOMATIC DEVICE INSTALLED ABOVE THE PANEL.

OWNER

WESTMINSTER SCHOOL DISTRICT
14121 CEDARWOOD AVENUE
WESTMINSTER, CA. 92683
PHONE: (714) 894-7311

BARBARA DeHART, Ph.D.
SUPERINTENDENT OF SCHOOLS

PROJECT DIRECTORY

ARCHITECT: NEPTUNE -THOMAS - DAVIS
2025 FINANCIAL WAY, SUITE 106
GLENDORA, CA. 91741
PHONE: (626) 963-1401
FAX: (626) 963-5771
ATTN.: JAY TITTLE, AIA
MANUEL JARAMILLO, R.A.

SPECIFICATIONS: JAY R. WHISENANT, AIA

MECHANICAL / ELECTRICAL / PLUMBING: DL ENGINEERING
600 WEST BROADWAY, STE 250
GLENDALE, CA 91204
BUS: 818/265-9720
MOBILE: 818/326-2614
BUS FAX: 818/265-9725
ATTN: DAVID L. EVANS
BRAD SEVERSON, P.E.
GARY SOLIS

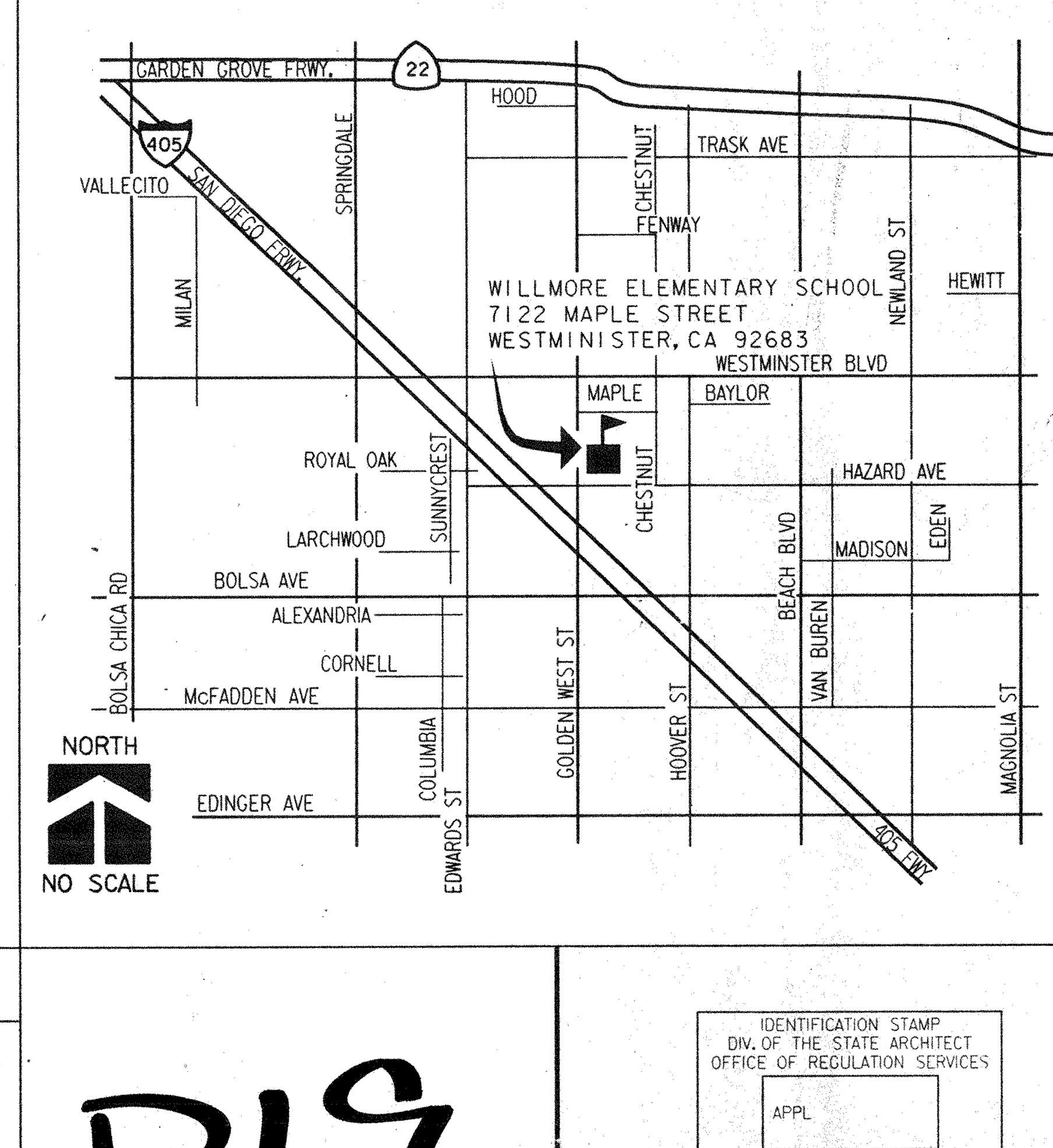
DOOR HARDWARE: AHS
ARCHITECTURAL HARDWARE SERVICES
11775 CLARK STREET
ARCADIA, CA 91006-5806
PHONE: (626) 303-3834
FAX: (626) 358-3518
ATTN.: JOHN D. ELMORE, AHC

SCOPE OF WORK: MODERNIZATION INCLUDES ACCESSIBLE UPGRADING OF RESTROOMS AND MODIFYING 1 DOOR THRESHOLD PER CLASSROOM. REPLACE 1 CHALKBOARD WITH MARKEBOARD IN EACH CLASSROOM. PROVIDE ACCESSIBILITY SIGNAGE THROUGHOUT. REPLACE OR REFURBISH CABINETS AS REQUIRED DUE TO NEW ACCESSIBLE SINKS. REPLACE CARPET. NEW SURFACE MOUNTED LIGHTS IN CLASSROOMS. PROVIDE NEW ACCESSIBLE PARKINGS WITH PARKING SIGNS AT BOTH PARKING LOTS. CONSTRUCT A NEW CURB RAMP AND A PASSENGERS DROP-OFF AND LOADING ZONE WITH ADDITIONAL CURB RAMP FOR PARKING LOT #1.

3.15 SHEET G-0.1 - TITLE, INDEX, MAP & GENERAL NOTES

PER ADD#3 17. At 'Scope of Work', ADD "Upgrade fire alarm system".

VICINITY MAP



D19

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

11-10-99 DSA PLAN REVIEW SUBMITTAL

01-02-01 BID SET ISSUED

FILE: n:\1998-0192\8192g001.dgn DATE: 27-DEC-2000 TIME: 18:54

LICENSED ARCHITECT ★ JAY R. TITTLE NO. 12955 REN. 11-30-01 ★ STATE OF CALIFORNIA

NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

C26

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

TITLE, INDEX, MAP, & GENERAL NOTES

DATE 12/27/00
JOB NO. 1998092
DRAWN MF
CHECKED DB/LH

SHEET OF

G-0.1

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS AND AT ONCE REPORT TO THE ARCHITECT IN WRITING ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS DISCOVERED 5 DAYS MIN. PRIOR TO PROCEEDING WITH WORK.

2. DIMENSIONS: DO NOT SCALE DRAWINGS. CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS AS GIVEN. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR CLARIFICATIONS. 5 DAYS MIN. PRIOR TO COMMENCING WORK, DIMENSIONS SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OF THE WORK OF ALL TRADES. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR CLARIFICATION BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK.

3. THE ARCHITECT SHALL BE CONSULTED IN ALL CASES WHERE CUTTING INTO AN EXISTING STRUCTURAL PORTION OF ANY BUILDING IS EITHER EXPEDIENT OR NECESSARY, 5 DAYS MIN. PRIOR TO PROCEEDING WITH WORK, REINFORCEMENT, SUPPORT, TEMPORARY SHORING SATISFACTORY TO ARCHITECT AND STRUCTURAL ENGINEER SHALL BE PROVIDED BY CONTRACTOR PRIOR TO CUTTING INTO STRUCTURAL PORTIONS OF A BUILDING.

4. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CONSTRUCTION SAFETY ORDERS.

5. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES, REGULATIONS, AND THE CONTRACT DOCUMENTS.

ADD.#3 ITEM-3.16

6. ALL EXIT DOORS IN SCHOOL BUILDINGS, INCLUDING BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 2-1004, TITLE 24 CCR. THE FOLLOWING ARE SOME OF THE REQUIREMENTS:

   A. ALL EXITS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT AND SHALL BE ACCESSIBLE BY THE DISABLED. PROVIDE PANIC HARDWARE AT ALL EXITS AND EXIT WAYS, AS PER HARDWARE SCHEDULE.

   B. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 AND 44 INCHES ABOVE THE FLOOR. PANIC HARDWARE BETWEEN 36" AND 44" SO PANIC DEVICE DOES NOT REDUCE REQ'D CLEARANCE TO LESS THAN 32"

   C. DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.

7. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:

   A. INTERIOR DOORS: 5 POUNDS
   B. EXTERIOR DOORS: 8.5 POUNDS
   C. FIRE DOORS: 15 POUNDS

8. LEGAL EXITS SHALL NOT BE BLOCKED AT ANY TIME.

9. ALL EXIT LIGHTING AND SIGNS TO HAVE MINIMUM 6 INCH LETTERS IN ACCORDANCE WITH TITLE 19, CHAPTER 10, CCR.

10. EXIT SIGNS SHALL BE ILLUMINATED WITH TWO ELECTRICAL LAMPS OF NOT LESS THAN 15 WATTS EACH BY TWO SEPARATE SOURCES OF POWER (ONE SOURCE ON EMERGENCY POWER). SEE ELECTRICAL DRAWINGS.

11. THE CONTRACTOR SHALL PROTECT ALL FINISHED WORK AND SURFACES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION AND SHALL REPLACE AND/OR REPAIR ALL DAMAGE CAUSED BY NEW WORK TO EXISTING AREAS OF THE SITE, THIS SHALL INCLUDE BUT NOT BE LIMITED TO: CONSTRUCTION, FINISH CONSTRUCTION, ELECTRICAL OR MECHANICAL SYSTEMS CAUSED BY THE CONTRACTOR OR SUBCONTRACTOR PERSONNEL TO THE SATISFACTION OF THE OWNER AND ARCHITECT TO MATCH EXISTING CONDITIONS AND\OR REPLACE AS REQUIRED BY OWNER AND ARCHITECT.

12. PROTECTION DURING WELDING, CUTTING AND OTHER HOT WORK EQUIPMENT SHALL CONFORM TO 1998 (C.F.C.) CALIFORNIA FIRE CODE, ART. 49-HOT WORK. ALSO CONFORM TO TITLE 8, CCR. FURTHER PROTECT OCCUPANTS AND THE PUBLIC WITH PORTABLE SOLID VISION BARRICADES AROUND LOCATION WHERE WELDING IS BEING PERFORMED. PROVIDE SIGNS WARNING AGAINST LOOKING AT WELDING WITHOUT PROPER EYE PROTECTION OR EQUIVALENT. SEE LOCAL FIRE AUTHORITY FOR PERMIT.

13. POWER DRIVEN FASTENERS SHALL BE USED ONLY IN PROTECTED LOCATIONS.

14. FIRE EXTINGUISHERS: MAINTAIN A FULLY CHARGED UL LABELED MINIMUM 10 LB. ABC FIRE EXTINGUISHER AT EVERY LOCATION WHERE WELDING IS BEING PERFORMED. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2A WITHIN A 75 FOOT TRAVEL DISTANCE OF ALL PORTIONS OF THE BUILDINGS. (2A:10B:C MINIMUM).

15. THE CONTRACTOR SHALL PROVIDE ADDITIONAL FIRE EXTINGUISHERS AS REQUIRED BY THE FIRE DEPARTMENT FIELD INSPECTOR AT NO ADDITIONAL CHARGE. CONTRACTOR SHALL PROVIDE ALL FIRE EXTINGUISHERS SHOWN ON DRAWINGS.

16. FINAL CLEAN UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THE OWNER'S PROPERTY TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDERS. UPON COMPLETION OF WORK, ALL CONSTRUCTION AREAS SHALL BE LEFT VACUUM CLEAN AND FREE FROM DEBRIS. CLEAN ALL DUST, DIRT, STAINS, HAND MARKS, PAINT SPOTS, DROPPINGS AND OTHER BLEMISHES.

17. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL EXPENSE TO THE OWNER OR ARCHITECT.

18. CEILING HEIGHT DIMENSIONS ARE TO FINISHED SURFACES.

19. DUCTS PENETRATING STUD WALLS SHALL BE PROVIDED WITH NECESSARY FRAMES, BRACING AND SEALANT AROUND THE OPENING.

20. CONTACT BETWEEN DISSIMILAR METALS SHALL BE PROTECTED BY COATING WITH BITUMINOUS PAINT, SEE SPECIFICATIONS.

21. SPECIAL NOTICE TO CONTRACTORS: ALL CONTRACTORS PERFORMING WORK ON THE PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING BUT NOT LIMITED TO THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS WHICH MIGHT ENDANGER VISITORS AND STAFF OF THE OWNER.

22. THE SUPPORTS FOR ALL SUSPENDED PIPING AND DUCTWORK SHALL BE IN ACCORDANCE WITH SMACNA'S 'GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING SYSTEMS".

23. TEMPORARY PEDESTRIAN PROTECTION SHALL BE PROVIDED AS REQUIRED BY C.B.C. SECTION 3303

24. OMIT

25. CABINETS AND CASEWORK ARE LOCATED ON FLOOR PLANS AND\OR IDENTIFIED ON INTERIOR ELEVATIONS.

   A. PLASTIC LAMINATE: MODULAR CASEWORK IDENTIFIED WITH A DIGIT NUMBER (E.G. WIC 304) AND CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF WOODWORK INSTITUTE OF CALIFORNIA, MANUAL OF MILLWORK, SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED.

   B. SPECIAL CASEWORK DESIGN TO W.I.C. SPECIFICATIONS SHALL BE PROVIDED ACCORDING TO REFERENCE NOTES AND DETAILS ON THE DRAWINGS.

26. BEFORE THE BUILDING MAY BE OCCUPIED, INSTALLATION CERTIFICATES FOR MANUFACTURED DEVICES REGULATED BY THE APPLIANCE STANDARDS OR CHAPTER 2-53 SHALL BE POSTED ADJACENT TO THE BUILDING PERMIT(S). CERTIFICATES SHALL:

   A. IDENTIFY FEATURES REQUIRED TO VERIFY COMPLIANCE WITH THE APPLIANCE STANDARDS AND CHAPTER 2-53.

   B. INCLUDE A STATEMENT INDICATING THAT THE INSTALLED DEVICES CONFORM TO THE APPLIANCE STANDARDS AND CHAPTER 2-53 AND THE REQUIREMENTS FOR SUCH DEVICES GIVEN IN THE PLANS AND SPECIFICATIONS APPROVED BY THE LOCAL ENFORCEMENT AGENCY.

   C. STATE THE NUMBER OF THE BUILDING PERMIT UNDER WHICH THE CONSTRUCTION OR INSTALLATION WAS PERFORMED. SEC. 1403(A)4(A).

27. AFTER INSTALLING WALL, CEILING, OR FLOOR INSULATION, THE INSTALLER SHALL POST IN A CONSPICUOUS LOCATION IN THE BUILDING A CERTIFICATE SIGNED BY THE INSTALLER STATING THAT THE INSTALLATION CONFORMS WITH THE PLANS AND THE REQUIREMENTS OF CHAPTER 2-53. THE CERTIFICATE SHALL ALSO STATE THE MANUFACTURER'S NAME AND MATERIAL IDENTIFICATION AND THE INSTALLED R-VALUE. SEC. 1403(A)5.

28. DOORS AND WINDOWS BETWEEN CONDITIONED AND UNCONDITIONED SPACES SHALL BE DESIGNED TO LIMIT AIR LEAKAGE INTO OR FROM THE BUILDING ENVELOPE.

   A. MANUFACTURED DOORS AND WINDOWS SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER AS NOT EXCEEDING THOSE SHOWN IN TABLE 2-53J.

   B. SITE-CONSTRUCTED DOORS AND WINDOWS, EXTERIOR JOINTS, AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED. (DOES NOT INCLUDE FIRE RATED DOORS AND WINDOWS, UNFRAMED GLASS DOORS).

29. MINIMUM INSULATION R-VALUES:

   CEILING/ROOF = R-19
   EXTERIOR WALLS = N/A

30. FIRE/ HABITABILITY CRITERIA:

   FIBER BOARD PANEL

   FLAME SPREAD: MAX. 25 PER ASTM E84
   SMOKE DEVELOPED: MAX. 450 PER ASTM E84

   PROTECTIVE WALL COVERING

   KLEERDEX PREFINISHED PROTECTIVE WALL COVERING
   FLAME SPREAD: 25 PER ASTM E84
   SMOKE DENSITY: 40 PER ASTM E84

   THERMAL AND ACOUSTICAL INSULATION

   BLANKET: GLASS FIBER
   FLAME SPREAD: MAX. 25 PER ASTM E84

   CARPET

   SMOKE DENSITY: 450 OR LESS PER ASTM E662
   CRITICAL RADIENT FLUX 0.45

   SUSPENDED ACOUSTICAL CEILINGS

   ACOUSTICAL TILE
   FLAME SPREAD: MAX. 25
   SMOKE DEVELOPED: 15

FIRE DEPT. NOTES

ADD.#3 ITEM#3.16

1. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.

2. FIRE RESISTIVE ASSEMBLIES FOR PROTECTION OF OPENINGS TO COMPLY WITH BUILDING CODE 713 OR TITLE 24, 713.

3. EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE. BUILDING CODE 1004.2

4. WIDTH AND HEIGHT OF REQUIRED EXIT DOORWAYS TO COMPLY WITH BUILDING CODE 1004.6, OR TITLE 24, 1004.6.

5. ALL 1-HOUR, FIRE-RESISTIVE CORRIDORS SHALL COMPLY WITH BUILDING CODE 1005.7.

6. ALL CORRIDOR OPENINGS SHALL MEET THE REQUIREMENT OF BUILDING CODE 1005.8.1, INCLUDING STEEL FRAMES, 20-MINUTE LABELED DOORS, HINGES, LATCHING DEVICES AND CLOSERS. TITLE 24, 1005.8.1.

7. EXITS SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED, WITH LIGHT HAVING AN INTENSITY OF NOT LESS THAN ONE FOOTCANDLE AT FLOOR LEVEL. BUILDING CODE 1012.

8. PROVIDE LOW LEVEL EXIT SIGNS PER BUILDING CODE 1013.5a AT ALL RATED CORRIDORS AND PASSAGEWAYS.

9. PROVIDE APPROVED EXITING ILLUMINATION AND ILLUMINATED EXIT SIGNS WHICH ARE POWERED FROM SEPARATE CIRCUITS AND COMPLY WITH BUILDING CODE 1012.2 AND 1013.4.

10. PROVIDE OCCUPANCY SEPARATION PER TABLE 3-B OF THE BUILDING CODE.

11. FIRE ALARM SYSTEMS SHALL COMPLY WITH TITLE 24, PART 2, SECTION 305.9 AND PART 3, ARTICLE 760 CALIFORNIA ELECTRICAL CODE.

12. AS A FIRE ALARM DEFERRAL IS NOT AUTHORIZED BY DSA, THIS IS A COMPLETE PLAN SUBMITTAL PER DSA POLICY NO. 95-03 (FLS). AFTER THE AWARD OF THE BID, IF SUBSTITUTIONS OF COMPONENTS ARE MADE, THE 'AOR' OR 'EOR' MUST SUBMIT A LETTER TO DSA CERTIFYING THAT THE SUBSTITUTED SYSTEM IS 'EQUAL IN EVERY ASPECT TO THE APPROVED SYSTEM'. THE CONTRACTOR SHALL SUBMIT FIRE ALARM SHOP DRAWINGS TO THE STATE FIRE MARSHAL FOR APPROVAL PRIOR TO INSTALLATION ONLY WHEN DEVIATIONS ARE MADE TO THE SPECIFIED SYSTEM. OTHERWISE THE SYSTEM SHALL MEET ALL SPECIFICATION REQUIREMENTS.

13. FIRE SAFETY METHODS DURING CONSTRUCTION SHALL COMPLY WITH ARTICLE 87 OF THE 1998 CALIFORNIA FIRE CODE FOR FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION OF A BUILDING.

14. ON-SITE PROTECTION FACILITIES (I.E., HYDRANTS, SPRINKLER SYSTEMS, ETC.) SHALL BE INSTALLED, TESTED AND ACCEPTED PRIOR TO OCCUPANCY.

CODE DATA

BUILDING "ADM" - ADMINISTRATION (EXISTING BUILDING)	ADMINISTRATION
OCCUPANCY	B
TYPE OF CONSTRUCTION	TYPE V-N
NUMBER OF STORIES	1 STORY
ALLOWABLE AREA [CBC TABLE 5B]	8,000 S.F.
ACTUAL FLOOR AREA	1,850 S.F.
OCCUPANT LOAD [O.L.F.=100]	18.5
FIRE SPRINKLERED BUILDING	NO

REQUIRED EXIT WIDTH: B OCCUPANCY = 0.38 FEET
OCCUPANT LOAD x 0.2 = (18.5 x 0.2) = 3.7"/ 12 = 0.308 FT. TOTAL
ACTUAL EXIT WIDTH = 21 FEET / 7 EXITS = 3.0 FEET PER DOOR
MIN. EXIT WIDTH PER DOOR = 36" PER C.B.C. SECTION 1003.1

BUILDING "C-D" - CLASSROOM (EXISTING BUILDING)	CLASSROOM
OCCUPANCY	E-1
TYPE OF CONSTRUCTION	TYPE V-N
NUMBER OF STORIES	1 STORY
ALLOWABLE AREA [CBC TABLE 5B]	9,100 S.F.
ACTUAL FLOOR AREA	7,680 S.F.
OCCUPANT LOAD CLASSROOM [O.L.F.=20]	384
FIRE SPRINKLERED BUILDING	NO

REQUIRED EXIT WIDTH: E-1 OCCUPANCY (CLASSROOM)
OCCUPANT LOAD x 0.2 = (384 x 0.2) = 76.80"/ 12 = 6.4 FT. TOTAL
ACTUAL EXIT WIDTH = 48 FEET /16 EXITS = 3'-0" PER DOOR
MIN. EXIT WIDTH PER DOOR = 36" PER C.B.C. SECTION 1003.1

BUILDING "K"- KINDERGARTEN CLASSRM BLDG (EXISTING BLDG)	CLASSROOM
OCCUPANCY	E-1
TYPE OF CONSTRUCTION	TYPE V-N
NUMBER OF STORIES	1 STORY
ALLOWABLE AREA	9,100 S.F.
ACTUAL FLOOR AREA	2,784 S.F.
OCCUPANT LOAD [O.L.F.=20]	139.2
FIRE SPRINKLERED BUILDING	NO

REQUIRED EXIT WIDTH: E-1 OCCUPANCY
OCCUPANT LOAD X 0.2 = (139.2 X 0.2) = 27.84"/ 12 =2.32 FT. TOTAL
ACTUAL EXIT WIDTH = 18'-0" / 6 = 3'-0" PER DR

BUILDING "MP" - MULTI-PURPOSE (EXISTING BUILDING)	MPB/ CAFETERIA/TEACHERS
OCCUPANCY	A-2.1/B/ E-1
TYPE OF CONSTRUCTION	TYPE V-1 HOUR
NUMBER OF STORIES	1 STORY
ALLOWABLE AREA : A-2.1 (MULTI-PURPOSE)	10,500 S.F.
ALLOWABLE AREA : B	14,000 S.F.
E-1 (BANDROOM)	9,100 S.F.
ACTUAL FLOOR AREA: A-2.1 (MULTI-PURPOSE)	2,732 S.F.
B (KITCHEN) N.I.C.	463 S.F.
B (STOR., MECH., CUSTODIAN)	794 S.F.
E-1 TEACHERS	624 S.F.
RATIO CHECK: 2,732 S.F./ 10,500 = 0.26; 463 S.F./ 14,000 = 0.033; 794 S.F./ 14,000 = 0.0567; 917 S.F./ 9,100 = .1008 } 0.418	.233+.086+.04 +.1008=.4597<1.0 (COMPLY)
OCCUPANT LOAD [CBC SECTION 1016 AT ASSEMBLY]	EXIT DISTRIBUTION 50% MAIN; 33% SIDES
A-2.1 ASSEMBLY [O.L.F. = 7]	390.29
B KITCHEN [O.L.F. = 200]	2.31
B STOR./MECH. [O.L.F. = 300]	2.64
E-1 CLASSROOM [O.L.F. = 20]	31.2
FIRE SPRINKLERED BUILDING	NO
AREA SEPARATION WALLS	N/A

REQUIRED EXIT WIDTH: A-2.1 OCCUPANCY [MULTI-PURPOSE]
OCCUPANT LOAD x 0.2 = (390 x 0.2) = 187"/ 12 = 6.5 FEET
ACTUAL EXIT WIDTH = 24 FEET= TWO PR: 3'-0" + FOUR: 3'-0"

REQUIRED EXIT WIDTH: B OCCUPANCY [KITCHEN]
OCCUPANT LOAD x 0.2 = (2.31 x 0.2) = 0.462"/ 12 = 0.039 FEET
ACTUAL EXIT WIDTH = 9'-0"= THREE: 3'-0" DRS

REQUIRED EXIT WIDTH: E-1 OCCUPANCY [TEACHERS]
OCCUPANT LOAD x 0.2 = (31.2 x 0.2) = 6.24"/ 12 = .52 FEET
ACTUAL EXIT WIDTH = 6'-0" TWO: 3'-0" DRS

MIN. EXIT WIDTH PER DOOR = 36" PER C.B.C. SECTION 1003.1
1 HR. OCC. SEPARATION REQ'D. BETWEEN A-2 & B OCC. [C.B.C. TABLE 3-B]

BUILDING "A-B" - CLASSROOM (EXISTING BUILDING)	CLASSROOM
OCCUPANCY	E-1
TYPE OF CONSTRUCTION	TYPE V-N
NUMBER OF STORIES	1 STORY
ALLOWABLE AREA [CBC TABLE 5B]	9,100 S.F.
ACTUAL FLOOR AREA	7,680 S.F.
OCCUPANT LOAD CLASSROOM [O.L.F.=20]	384
FIRE SPRINKLERED BUILDING	NO

REQUIRED EXIT WIDTH: E-1 OCCUPANCY (CLASSROOM)
OCCUPANT LOAD x 0.2 = (384x 0.2) = 76.8"/ 12 = 6.40 FT. TOTAL
ACTUAL EXIT WIDTH = 51 FEET /17 EXITS = 3'-0" PER DOOR
MIN. EXIT WIDTH PER DOOR = 36" PER C.B.C. SECTION 1003.1

ADD.#3 ITEM-3.16

6. ALL EXIT DOORS IN SCHOOL BUILDINGS AND GATES IN EXIT PATHWAYS, INCLUDING BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 1003.3.1, TITLE 24 CCR. THE Following ARE Some Requirements:

   A. ALL EXITS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT AND SHALL BE ACCESSIBLE BY THE DISABLED. PROVIDE PANIC HARDWARE AT ALL EXITS AND EXIT WAYS, AS PER HARDWARE SCHEDULE.

   B. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 AND 44 INCHES, PANIC HARDWARE 36 INCHES TO 44 INCHES ABOVE THE FLOOR.

   C. DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.

SCALE: NONE | EXCERPT FROM SHT. G-02 | DSA#: 4-101416 | FILE:
GENERAL NOTES | DATE: 02-09-01 | JOB: 1998-0192
NTD ARCHITECTS, 2025 Financial Way, Suite 106 Glendora, CA 91741, Glendora • San Diego • Auburn
ALTERNATIONS TO WILLMORE ELEMENTARY SCHOOL WESTMINSTER SCHOOL DISTRICT | AD3-01

ISSUED WITH ADDENDUM # 3 DATED 02/09/2001

3.16 SHEET G-0.2 - GENERAL / FIRE NOTES, CODE DATA
PER ADD #3

18. **ADDENDUM DRAWING AD3-1** is issued with this Addendum #3 to show revision of Note 6.

19. **ADDENDUM DRAWING AD3-2** is issued with this Addendum #3 to show revision of Fire Department Notes.

PER ADD.#3

1. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.
2. FIRE RESISTIVE ASSEMBLIES FOR PROTECTION OF OPENINGS TO COMPLY WITH BUILDING CODE 713 OR TITLE 24, 713.
3. EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE. BUILDING CODE 1003.3.1.3a
4. WIDTH AND HEIGHT OF REQUIRED EXIT DOORWAYS TO COMPLY WITH BUILDING CODE 1003.3.1.3, OR TITLE 24, 1004.3.4.3.
5. ALL 1-HOUR, FIRE-RESISTIVE CORRIDORS SHALL COMPLY WITH BUILDING CODE 1004.3.4.3.
6. ALL CORRIDOR OPENINGS SHALL MEET THE REQUIREMENT OF BUILDING CODE 1004.3.4.3.2, INCLUDING STEEL FRAMES, 20-MINUTE LABELED DOORS, HINGES, LATCHING DEVICES AND CLOSERS. TITLE 24, 1004.3.4.3.
7. EXITS SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED, WITH LIGHT HAVING AN INTENSITY OF NOT LESS THAN ONE FOOTCANDLE AT FLOOR LEVEL. BUILDING CODE 1003.2.9.
8. PROVIDE LOW LEVEL EXIT SIGNS PER BUILDING CODE 1007.3.12. AT ALL RATED CORRIDORS AND PASSAGEWAYS.
9. PROVIDE APPROVED EXITING ILLUMINATION AND ILLUMINATED EXIT SIGNS WHICH ARE POWERED FROM SEPARATE CIRCUITS AND COMPLY WITH BUILDING CODE 1003.2.8.5 AND 1003.2.9.2..
10. PROVIDE OCCUPANCY SEPARATION PER TABLE 3-B OF THE BUILDING CODE.
11. FIRE ALARM SYSTEMS SHALL COMPLY WITH TITLE 24, PART 2, SECTION 305.9 AND PART 3, ARTICLE 760 NATIONAL ELECTRICAL CODE.
12. AS A FIRE ALARM DEFERRAL IS NOT AUTHORIZED BY DSA, THIS IS A COMPLETE PLAN SUBMITTAL PER DSA POLICY NO. 95-03 (FLS). AFTER THE AWARD OF THE BID, IF SUBSTITUTIONS OF COMPONENTS ARE MADE, THE 'AOR' OR 'EOR' MUST SUBMIT A LETTER TO DSA CERTIFYING THAT THE SUBSTITUTED SYSTEM IS 'EQUAL IN EVERY ASPECT TO THE APPROVED SYSTEM'. THE CONTRACTOR SHALL SUBMIT FIRE ALARM SHOP DRAWINGS TO THE STATE FIRE MARSHAL FOR APPROVAL PRIOR TO INSTALLATION ONLY WHEN DEVIATIONS ARE MADE TO THE SPECIFIED SYSTEM. OTHERWISE THE SYSTEM SHALL MEET ALL SPECIFICATION REQUIREMENTS.
13. FIRE SAFETY METHODS DURING CONSTRUCTION SHALL COMPLY WITH ARTICLE 87 OF THE 1998 CALIFORNIA FIRE CODE FOR FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION OF A BUILDING.
14. ON-SITE PROTECTION FACILITIES (I.E., HYDRANTS, SPRINKLER SYSTEMS, ETC.) SHALL BE INSTALLED, TESTED AND ACCEPTED PRIOR TO OCCUPANCY.

ITEM-3.16

SCALE: NONE | EXCERPT FROM SHT. G-02 | DSA#: 4-101416 | FILE:
FIRE DEPARTMENT NOTES | DATE: 02-09-01 | JOB: 1998-0192
NTD ARCHITECTS, 2025 Financial Way, Suite 106 Glendora, CA 91741, Glendora • San Diego • Auburn
ALTERNATIONS TO WILLMORE ELEMENTARY SCHOOL WESTMINSTER SCHOOL DISTRICT | AD3-02

ISSUED WITH ADDENDUM # 3 DATED 02/09/2001

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL
AC____ FLS____ SS____
DATE____

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL
01/02/01	BID SET ISSUED

FILE: o:\1998-0192\8192g002.dgn
DATE: 27-DEC-2000 TIME: 09:10

LICENSED ARCHITECT ★ JAY R. TITTLE ★ NO. C12955 REN. 11-30-01 STATE OF CALIFORNIA

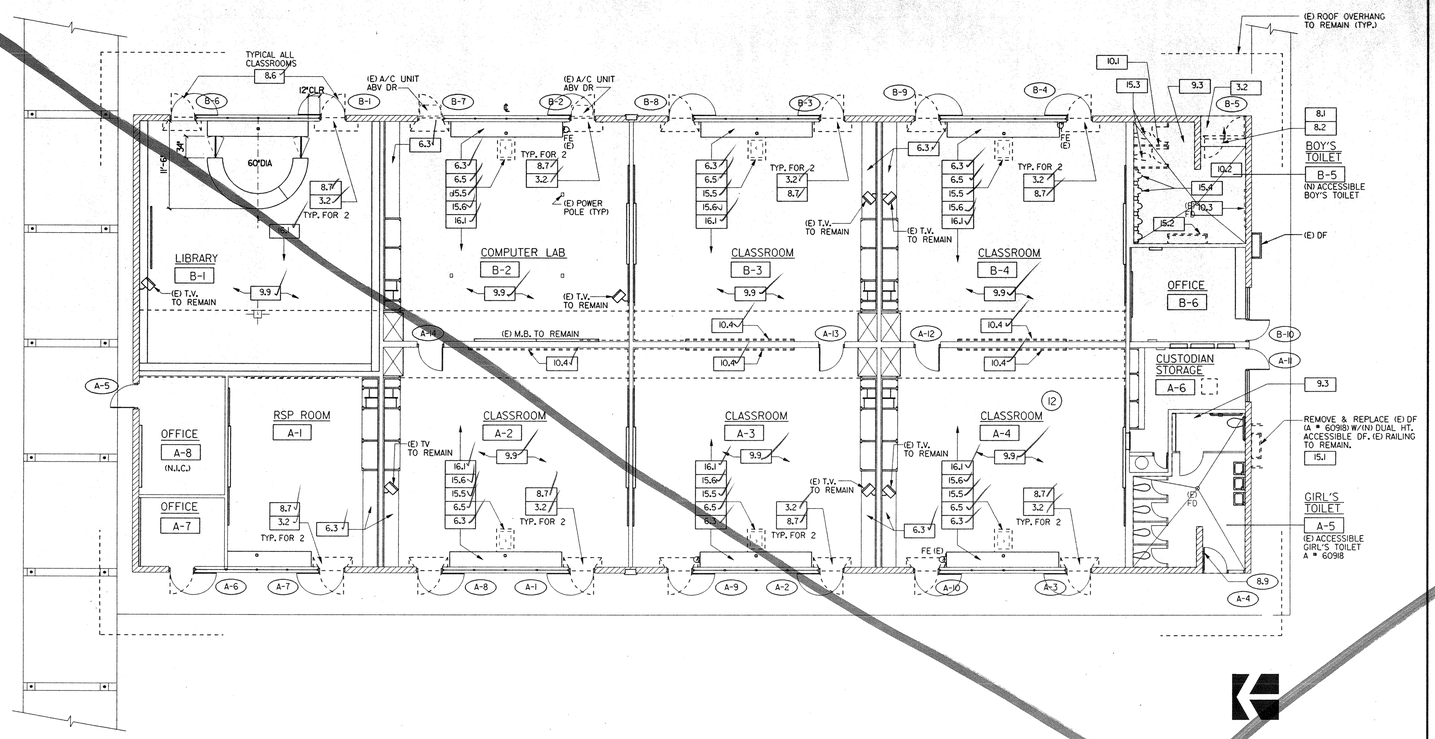
NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA
GENERAL/FIRE NOTES, CODE DATA

DATE 12/27/00
JOB NO. 1980192
DRAWN MF
CHECKED DB/LH

SHEET OF
G-0.2

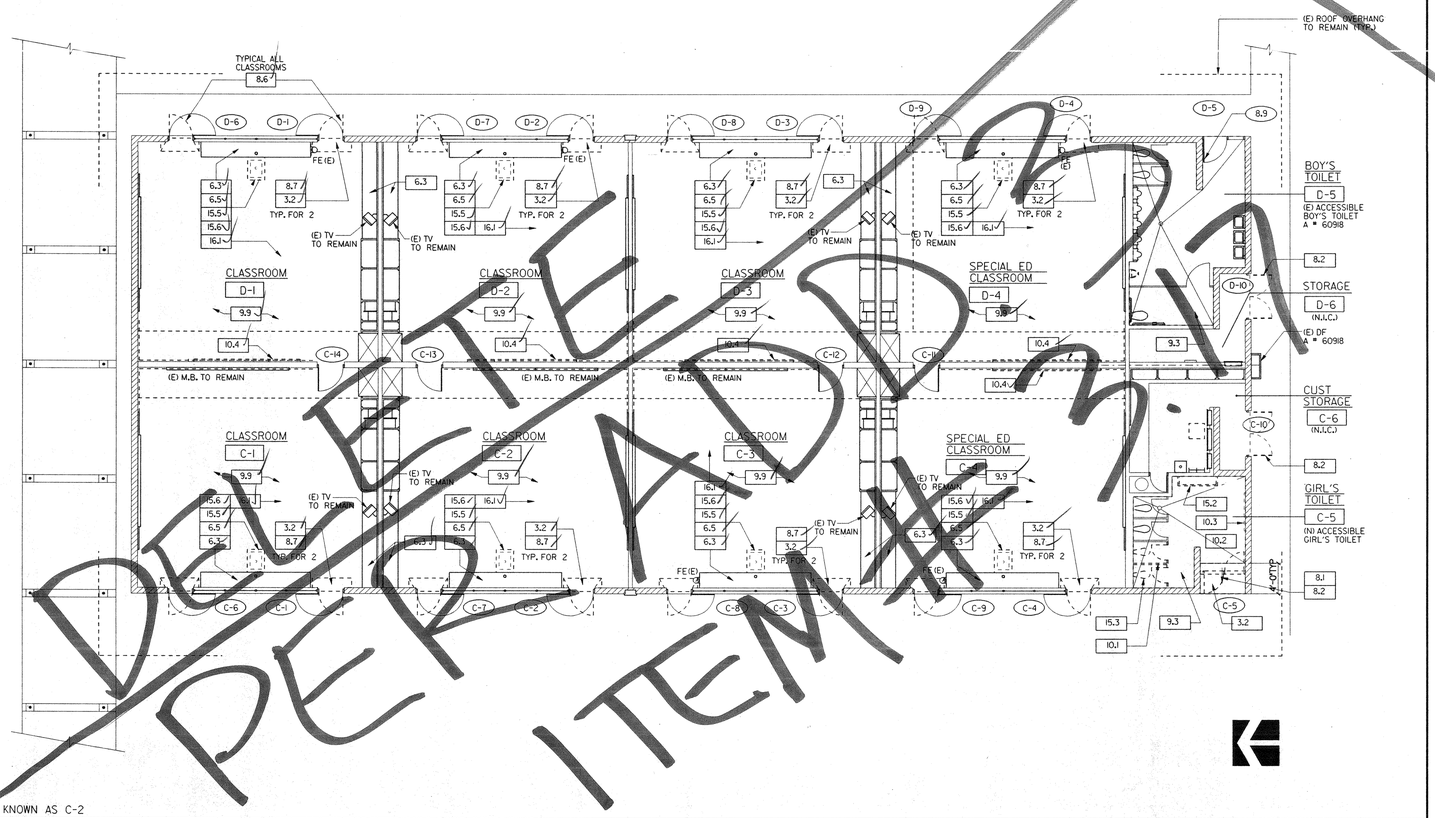
DATE: 27-DEC-2000 TIME: 09:10
FILE: o:\1998-0192\8192g002.dgn



FORMERLY KNOWN AS C-1

CLASSROOM BUILDING – "A – B"

SCALE 1/8" = 1'-0" (1)



FORMERLY KNOWN AS C-2

CLASSROOM BUILDING – "C – D"

SCALE 1/8" = 1'-0" (2)

DEMOLITION KEY NOTES: XX

DIVISION 2: SITEWORK

2.1 REMOVE EXISTING ASPHALT PAVING AS REQUIRED FOR PLACING ACCESSIBLE SIGNS WITH NEW CONC. PADS.
2.2 REMOVE EXISTING CONCRETE WALK AS REQUIRED
2.3 SAW-CUT & REMOVE (E) CONC. WALK & CURB FOR NEW ACCESSIBLE CURB RAMP. DET.

DIVISION 3: CONCRETE

3.1 REMOVE EXISTING CONCRETE CURB, PATCH AND ALIGN FLOOR WITH EXISTING.
3.2 SAW-CUT AND REMOVE (E) CONC. SLAB PER DET. 8/A-7.2

DIVISION 6: WOOD AND PLASTIC

6.1 REMOVE EXISTING WOOD STUD WALL WITH FINISH.
6.2 PREPARE EXISTING CABINETS TO RECEIVE NEW FINISH
6.3 REMOVE EXISTING COUNTERTOP, COVED REAR AND END-SPLASH, AND DISPOSE.
6.4 REMOVE (E) TALL WOOD STORAGE CABINET DOORS AND HARDWARE - DISPOSE.
6.5 REMOVE (E) SINK BASE CABINET AND DISPOSE.
6.6 REMOVE (E) UNDER SINK SHELVES & CABINET DOORS

DIVISION 7: THERMAL & MOISTURE PROTECTION

7.1 CUT (N) VENT OPENING IN (E) ROOF PER MECH. DRAWINGS.
7.2 REMOVE AND REPLACE EXIST. ROOF DRAINAGE AS REQUIRED.

DIVISION 8: DOORS AND WINDOWS

8.1 REMOVE EXISTING DOOR FRAME - DISPOSE.
8.2 REMOVE EXISTING PAIR DOORS WITH HARDWARE, DOOR FRAME AND DISPOSE.
8.3 REMOVE (E) DOOR WITH HARDWARE; DISPOSE.
8.4 REPAIR ALUM. SASH WINDOW AS REQUIRED.
8.5 REMOVE DOOR HARDWARE ONLY - DISPOSE.
8.6 REVISE EXISTING DOOR SWING AND PREPARE EXISTING FRAME TO RECEIVE REVISED DOOR AND DOOR HARDWARE
8.7 DOOR ASSEMBLY TO REMAIN. DISENGAGE FLOOR CLOSER TO ACT AS BOTTOM PIVOT. CUT BACK CARPET/VCT IN ROOM TO EXPOSE CONCRETE FLOOR. BREAK OUT A STRIP OF CONCRETE TO PROVIDE FLOOR LEVELER FOR SLOPED TRANSITION NOT TO EXCEED 1:20 SLOPE. RE-ATTACH CARPET/VCT AND EDGE STRIP.
8.8 REMOVE EXISTING THRESHOLD.
8.9 REMOVE EXISTING DOOR STOP AT FLOOR AND RELOCATE FOR DOOR TO BE 90 DEGREES.
8.10 REMOVE EXISTING PLASTIC PANEL/WINDOW. PREPARE FRAME TO RECEIVE NEW ALUMINUM SANDWICH PANEL.

DIVISION 9: FINISHES

9.1 REMOVE EXISTING INTERIOR PORTLAND CEMENT PLASTER.
9.2 REMOVE DAMAGED ACOUSTICAL CEILING AND WALL TILES.
9.3 REMOVE CERAMIC TILE BASE AND FLOOR - DISPOSE.
9.4 REMOVE DAMAGED EXISTING CERAMIC TILE FLOOR, SETTING BED AND BASE PER PARTIAL FLOOR PLAN.
9.5 REMOVE V.C.T. FLOOR FINISH - DISPOSE.
9.6 REMOVE CERAMIC TILE WAINSCOT AND SETTING BED.
9.7 REMOVE EXISTING ACOUSTICAL PLASTER FINISH.
9.8 REMOVE EXISTING RESILIENT BASE.
9.9 REMOVE EXISTING CARPET & DISPOSE.

SECTION10: SPECIALTIES

10.1 REMOVE EXISTING METAL TOILET PARTITIONS. SALVAGE FOR OWNER.
10.2 REMOVE EXISTING TOILET ROOM ACCESSORIES AS REQUIRED; DISPOSE.
10.3 REMOVE EXISTING MIRROR, DISPOSE.
10.4 REMOVE EXISTING CHALKBOARD, SALVAGE FOR DISTRICT.
10.5 REMOVE EXIST. TACKBOARD AND DISPOSE.
10.6 REMOVE EXIST. GRAB BARS.

SECTION15: MECHANICAL

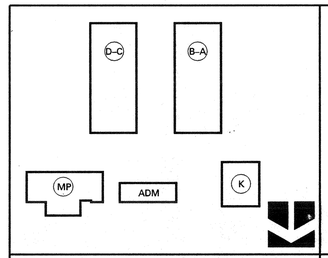
15.1 REMOVE OR REMOUNT (E) DRINKING FOUNTAIN WITH MOUNTING BRACKETS. ALSO REFER TO MECHANICAL DEMO PLANS. SEE NOTE NO. 2 ON (2/A-1.3)
15.2 REMOVE LAVATORY - ALSO REFER TO MECHANICAL DEMOLITION PLANS.
15.3 REMOVE TOILET - SEE MECHANICAL DEMOLITION PLANS.
15.4 REMOVE AND DISPOSE EXISTING URINAL. ALSO REFER TO MECHANICAL DEMOLITION PLANS.
15.5 REMOVE SINK. ALSO REFER TO MECHANICAL DEMOLITION PLANS.
15.6 REMOVE AND CAP EXISTING WATER AND PLUMBING LINES FROM WALL - REFER TO MECHANICAL DEMO PLANS.
16.1 REMOVE EXISTING PENDANT LIGHTS. SEE ELECTRICAL DRAWINGS.

TYPICAL:

DRAIN OIL BEFORE REMOVAL OF FLOOR DOOR CLOSERS.

LEGEND:

FE(E) — LOCATION OF EXISTING (E) FIRE EXTINGUISHER & SIGN.



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC FLS SS
DATE

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL
01-02-00	BID SET ISSUED

FILE: r:\1998-092\BP02D.dgn
DATE: 09-JAN-2001 TIME: 15:42

NTD ARCHITECTS
2215 Foothill Blvd., Suite 106 Glendora, CA. 91741
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LICENSED ARCHITECT * JAY C. TITTLE * NO. 12555 REN. 11-30-01 STATE OF CALIFORNIA

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

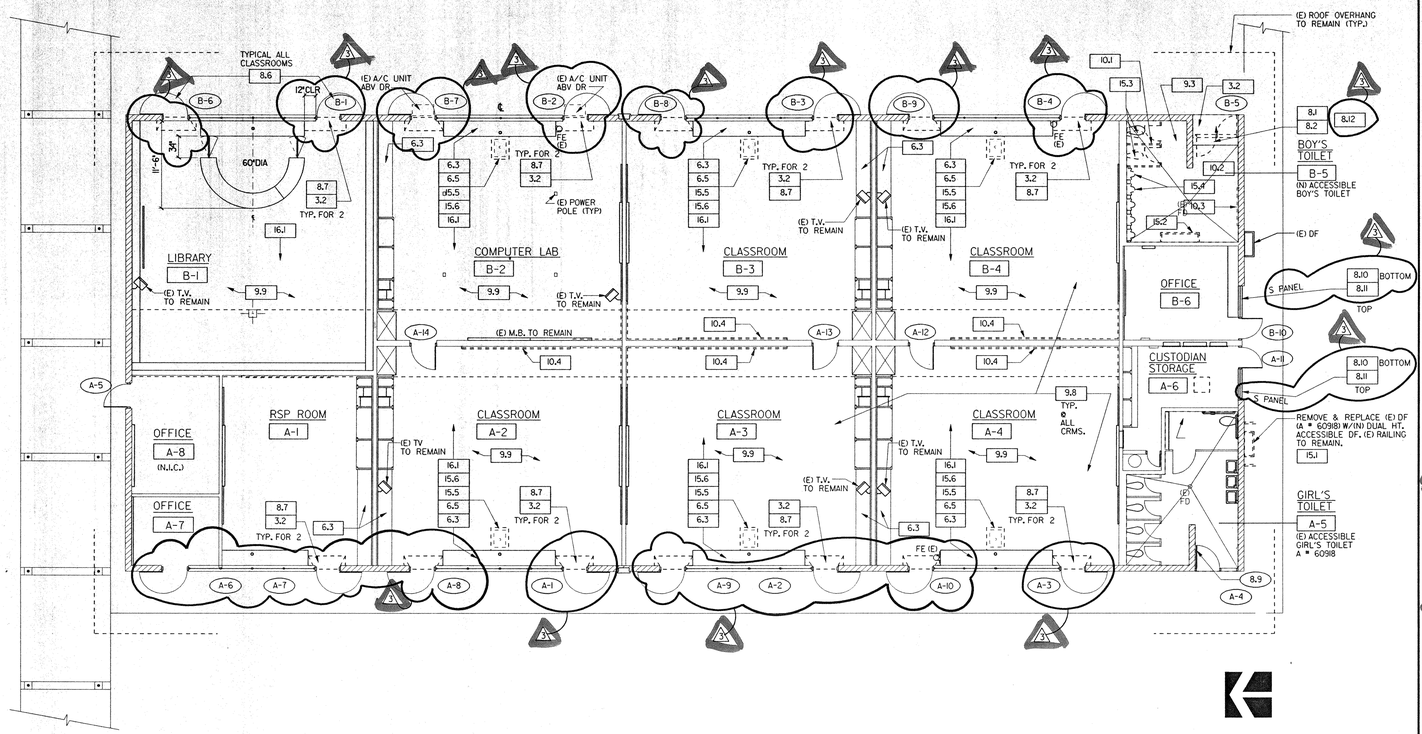
DATE 12/27/00
JOB NO. 9980092
DRAWN MF
CHECKED JCT/EH

DEMOLITION FLOOR PLANS - A-B, C-D BLDGS

SHEET OF
D-2.1

DELETE PER ADD #2 ITEM #17

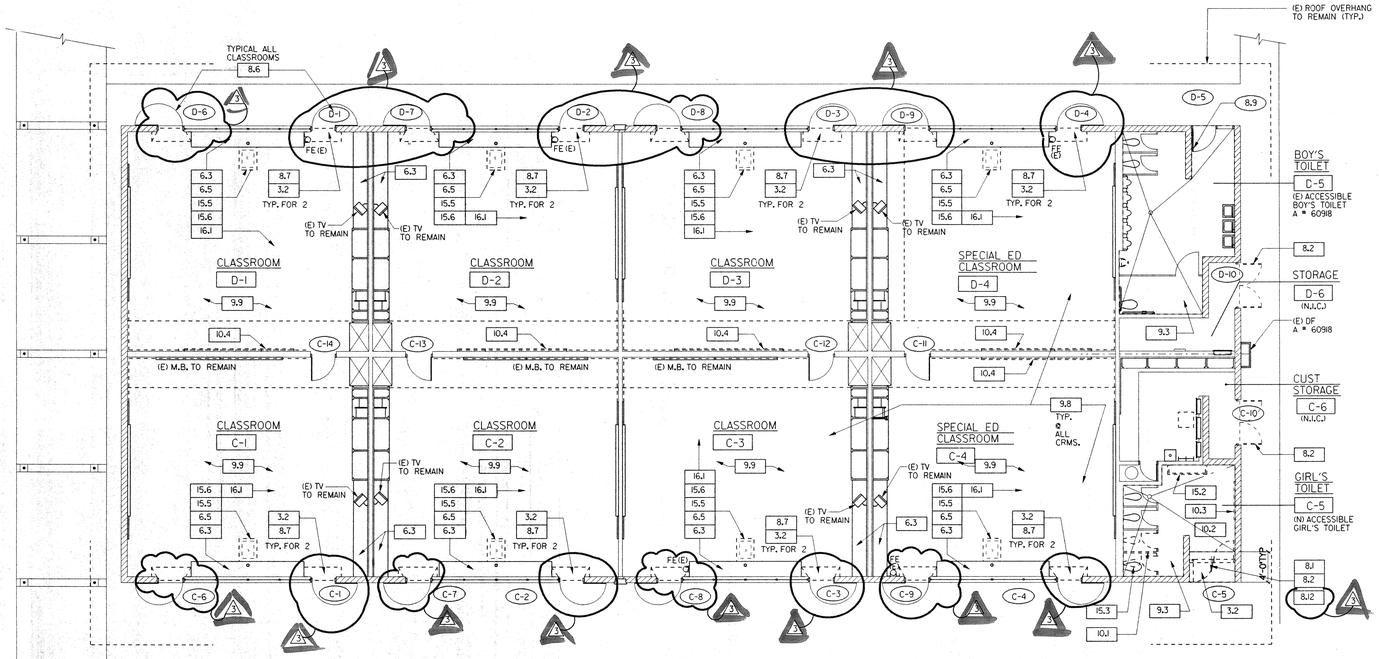
DATE: 09-JAN-2001 TIME: 15:42
FILE: r:\1998-092\BP02D01.dgn



FORMERLY KNOWN AS C-1

CLASSROOM BUILDING – "A – B"

SCALE 1/8" = 1'-0" (1)



FORMERLY KNOWN AS C-2

CLASSROOM BUILDING – "C – D"

SCALE 1/8" = 1'-0" (2)

DEMOLITION KEY NOTES: XX

DIVISION 2: SITEWORK

2.1 REMOVE EXISTING ASPHALT PAVING AS REQUIRED FOR PLACING ACCESSIBLE SIGNS WITH NEW CONC. PADS.
2.2 REMOVE EXISTING CONCRETE WALK AS REQUIRED
2.3 SAW-CUT & REMOVE (E) CONC. WALK & CURB FOR NEW ACCESSIBLE CURB RAMP. DET.

DIVISION 3: CONCRETE

3.1 REMOVE EXISTING CONCRETE CURB, PATCH AND ALIGN FLOOR WITH EXISTING.
3.2 SAW-CUT AND REMOVE (E) CONC. SLAB PER DET. 8/A-7.2

DIVISION 6: WOOD AND PLASTIC

6.1 REMOVE EXISTING WOOD STUD WALL WITH FINISH.
6.2 PREPARE EXISTING CABINETS TO RECEIVE NEW FINISH
6.3 REMOVE EXISTING COUNTERTOP, COVED REAR AND END-SPLASH, AND DISPOSE.
6.4 REMOVE (E) TALL WOOD STORAGE CABINET DOORS AND HARDWARE - DISPOSE.
6.5 REMOVE (E) SINK BASE CABINET AND DISPOSE.
6.6 REMOVE (E) UNDER SINK SHELVES & CABINET DOORS

DIVISION 7: THERMAL & MOISTURE PROTECTION

7.1 CUT (N) VENT OPENING IN (E) ROOF PER MECH. DRAWINGS.
7.2 REMOVE AND REPLACE EXIST. ROOF DRAINAGE AS REQUIRED.

DIVISION 8: DOORS AND WINDOWS

8.1 REMOVE EXISTING DOOR FRAME - DISPOSE.
8.2 REMOVE EXISTING PAIR DOORS WITH HARDWARE, DOOR FRAME AND DISPOSE.
8.3 REMOVE (E) DOOR WITH HARDWARE; DISPOSE.
8.4 REPAIR ALUM. SASH WINDOW AS REQUIRED.
8.5 REMOVE DOOR HARDWARE ONLY - DISPOSE.
8.6 NOT USED
RECEIVE REVISED DOOR AND DOOR HARDWARE
8.7 DOOR ASSEMBLY TO REMAIN. DISENGAGE FLOOR CLOSER TO ACT AS BOTTOM PIVOT. CUT BACK CARPET/VCT IN ROOM TO EXPOSE CONCRETE FLOOR. BREAK OUT A STRIP OF CONCRETE TO PROVIDE FLOOR LEVELER FOR SLOPED TRANSITION NOT TO EXCEED 1:20 SLOPE. RE-ATTACH CARPET/VCT AND EDGE STRIP.
8.8 REMOVE EXISTING THRESHOLD.
8.9 REMOVE EXISTING DOOR STOP AT FLOOR AND RELOCATE FOR DOOR TO BE 90 DEGREES.
8.10 REMOVE EXISTING PLASTIC PANEL/WINDOW. PREPARE FRAME TO RECEIVE NEW ALUMINUM SANDWICH PANEL.
8.11 REMOVE (E) GLASS & OR PLEXIGLASS. LEAVE (E) FRAME & PREPARE TO RECEIVE GLASS.
8.12 REMOVE (E) LOUVERS AND DISPOSE.

DIVISION 9: FINISHES

9.1 REMOVE EXISTING INTERIOR PORTLAND CEMENT PLASTER.
9.2 REMOVE DAMAGED ACOUSTICAL CEILING AND WALL TILES.
9.3 REMOVE CERAMIC TILE BASE AND FLOOR - DISPOSE.
9.4 REMOVE DAMAGED EXISTING CERAMIC TILE FLOOR, SETTING BED AND BASE PER PARTIAL FLOOR PLAN.
9.5 REMOVE V.C.T. FLOOR FINISH - DISPOSE.
9.6 REMOVE CERAMIC TILE WAINSCOT AND SETTING BED.
9.7 REMOVE EXISTING ACOUSTICAL PLASTER FINISH.
9.8 REMOVE EXISTING RESILIENT BASE.
9.9 REMOVE EXISTING CARPET & DISPOSE.

SECTION10: SPECIALTIES

10.1 REMOVE EXISTING METAL TOILET PARTITIONS. SALVAGE FOR OWNER.
10.2 REMOVE EXISTING TOILET ROOM ACCESSORIES AS REQUIRED; DISPOSE.
10.3 REMOVE EXISTING MIRROR. DISPOSE.
10.4 REMOVE EXISTING CHALKBOARD. SALVAGE FOR DISTRICT.
10.5 REMOVE EXIST. TACKBOARD AND DISPOSE.
10.6 REMOVE EXIST. GRAB BARS.

SECTION15: MECHANICAL

15.1 REMOVE OR REMOUNT (E) DRINKING FOUNTAIN WITH MOUNTING BRACKETS. ALSO REFER TO MECHANICAL DEMO PLANS. SEE NOTE NO. 2 ON (2 A^1.1)
15.2 REMOVE LAVATORY - ALSO REFER TO MECHANICAL DEMOLITION PLANS.
15.3 REMOVE TOILET - SEE MECHANICAL DEMOLITION PLANS.
15.4 REMOVE AND DISPOSE EXISTING URINAL. ALSO REFER TO MECHANICAL DEMOLITION PLANS.
15.5 REMOVE SINK. ALSO REFER TO MECHANICAL DEMOLITION PLANS.
15.6 REMOVE AND CAP EXISTING WATER AND PLUMBING LINES FROM WALL - REFER TO MECHANICAL DEMO PLANS.
16.1 REMOVE EXISTING PENDANT LIGHTS. SEE ELECTRICAL DRAWINGS.

TYPICAL:

DRAIN OIL BEFORE REMOVAL OF FLOOR DOOR CLOSERS.

LEGEND:

FE(E) LOCATION OF EXISTING (E) FIRE EXTINGUISHER & SIGN.

3.17 SHEET D-2.1 - DEMOLITION FLOOR PLANS - 'A-B' & 'C-D' BLDGS.

20. **ADDENDUM DRAWING AD3-3** is issued with this Addendum #3 to show the following:

ADD. #3

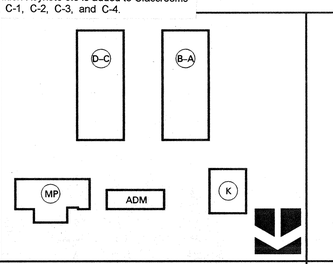
a. At 'A-B' Bldg., Demolition Note 8.11 is added.

b. Under 'Demolition Keynotes, at Division 8, Keynotes 8.11 and 8.12 are added.

c. At Bldg. 'A-B', Demolition Keynote 9.8 is added to Classrooms B-1, B-2, B-3, B-4, A-2, A-3, and A-4.

d. At Bldg. 'C-D', Demolition Keynote 9.8 is added to Classrooms D-1, D-2, D-3, D-4, C-1, C-2, C-3, and C-4.

ADD.#3
ITEM.-3.17
NEW SHEET



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 10146
AC FLS SS
DATE

DSA APPROVAL

11-0-99	DSA PLAN REVIEW SUBMITTAL
12-20-00	O.C. REVISIONS
01/11/01	BID SET ISSUED
02/02/01	ADDENDUM # 2 ISSUED
02/09/01	ADDENDUM # 3 ISSUED

FILE: o:\1998-0912\cad\3.1892dd20to3.dgn
DATE: 07-FEB-2001 TIME: 14:25

LICENSED ARCHITECT JAY R. TITTLE NO. C25155 REN. 5-30-03 STATE OF CALIFORNIA

NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
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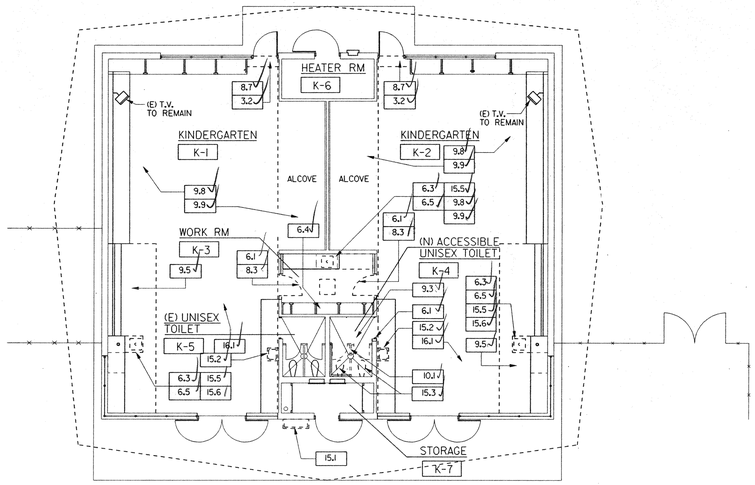
ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

DEMOLITION FLOOR PLANS – A-B, C-D BLDGS.

DATE	12/27/00
JOB NO.	1998092
DRAWN	MF
CHECKED	DB/LH

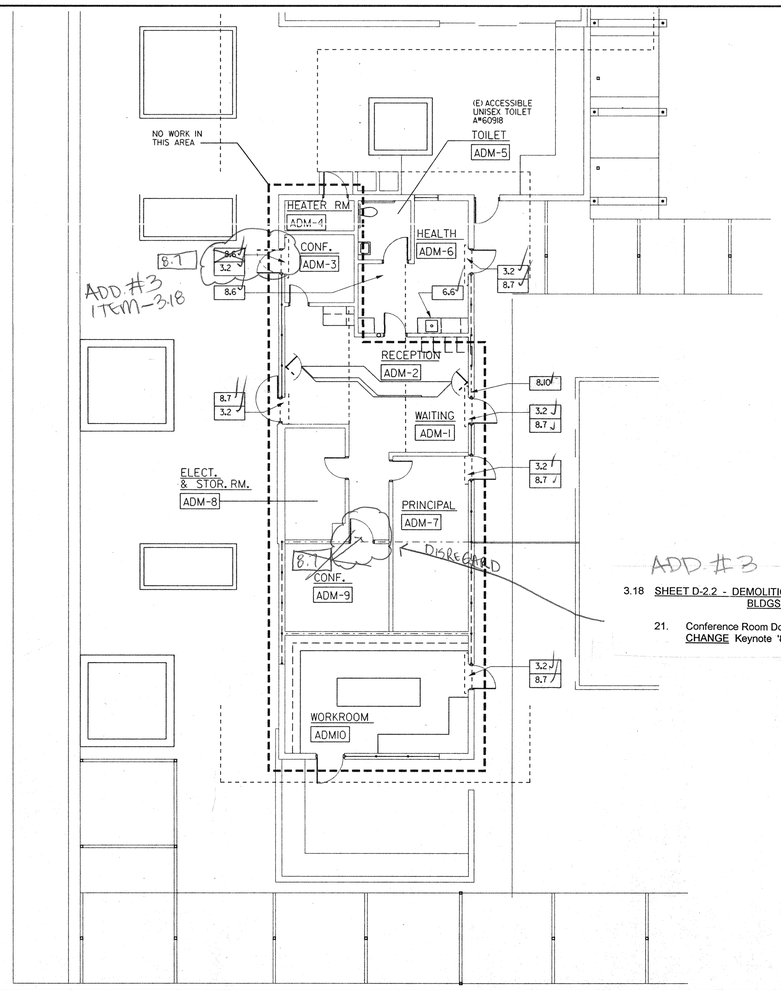
SHEET OF
AD3-03
(D-2.1)
REFERENCE

DATE: 07-FEB-2001 TIME: 14:25
FILE: o:\1998-0912\cad\3.1892dd20to3.dgn



KINDERGARTEN BUILDING – "K"

SCALE 1/8" = 1'-0" (1)



ADD #3

3.18 SHEET D-2.2 - DEMOLITION FLOOR PLAN - ADMIN. & KINDERGARTEN BLDGS.

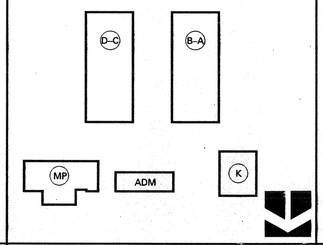
21. Conference Room Door AD-9, swing to remain as existing. CHANGE Keynote '8.6' to read "8.7".

ADMINISTRATION BUILDING

SCALE 1/8" = 1'-0" (2)

LEGEND:

FE(E) LOCATION OF EXISTING (E) FIRE EXTINGUISHER & SIGN.



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL
01/02/01	BID SET ISSUED

FILE: o:\1998-0192\8192d202.dgn
DATE: 27-DEC-2000 TIME: 09:12

LICENSED ARCHITECT ★ JAY R. TITTLE ★ NO. 12955 REN. 11-30-01 STATE OF CALIFORNIA

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2025 Financial Way, Suite 108 Glendora, CA 91741
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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

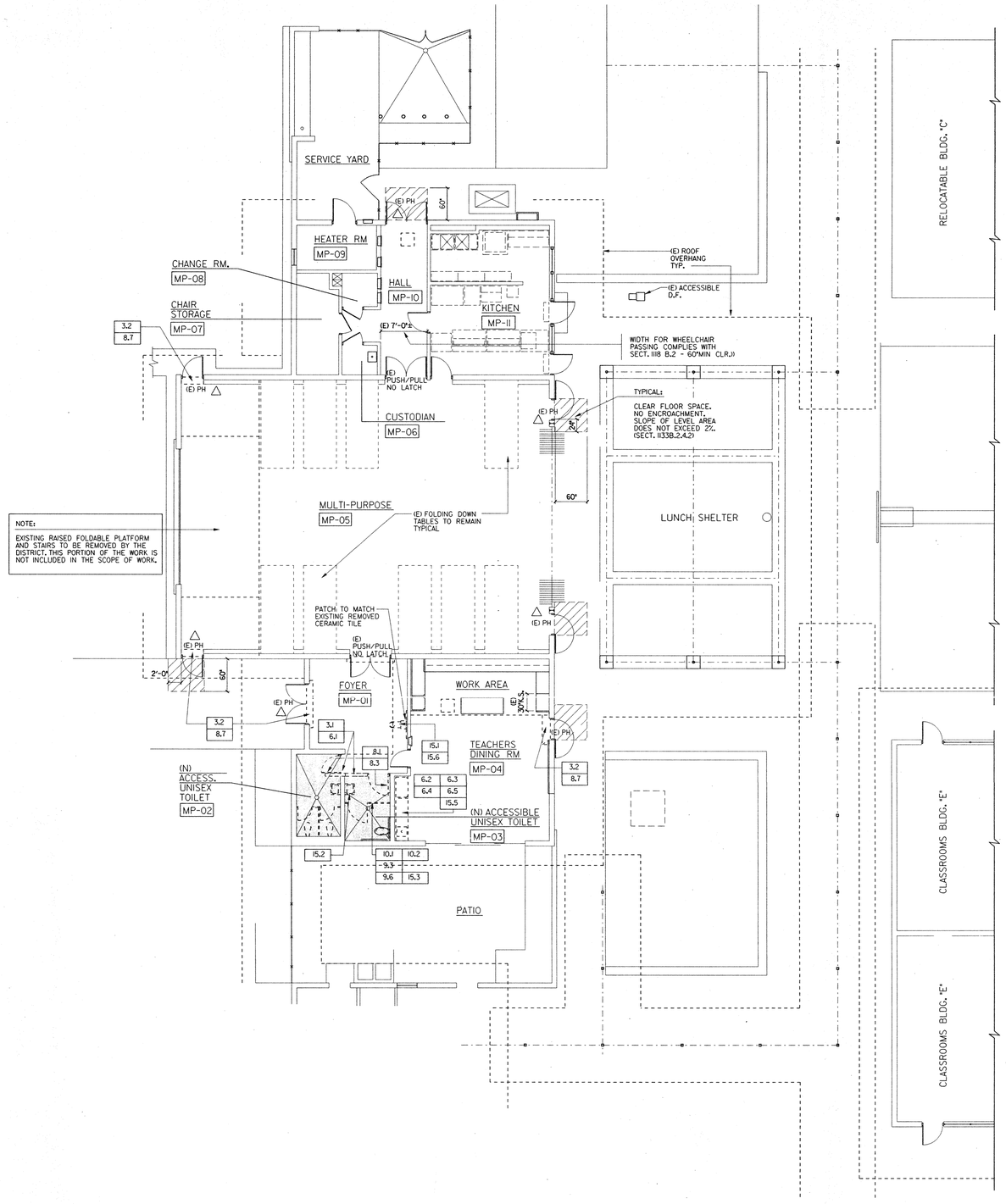
DEMOLITION FLOOR PLANS – ADMIN. & KINDERG. BLDGS.

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

SHEET OF

D-2.2

DATE: 27-DEC-2000 TIME: 09:12
FILE: o:\1998-0192\8192d202.dgn



△ EXISTING ACCESSIBLE 3'-0" X 7'-0" DOOR:

- WITH 34" CLEAR OPENING;
- LESS THAN 1/2" VERT. HEIGHT AT THRESHOLD;
- EXIT DEVICE @ 40" FROM BOT. OF DOOR TO ℄ OF PAD;
- ANTI VANDAL TRIM AT 42" FROM BOT. OF DR. TO ℄ OF PULL;
- 10" KICK PLATE AT BOTTOM;
- LOCK 40-5/16" FROM F.FL. TO THE ℄ OF LEVER;
- STOP AND HOLDER.

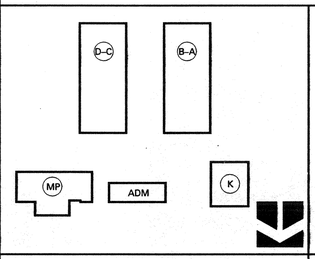
LEGEND:

FE(E) LOCATION OF EXISTING (E) FIRE EXTINGUISHER & SIGN.

MULTI – PURPOSE – BUILDING

SCALE 1/8" = 1'-0" (1)

KEY PLAN



DSA APPROVAL

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

11-10-99	DSA PLAN REVIEW SUBMITTAL
01/08/01	BID SET ISSUED

FILE: o:\1998-0192\8192d203.dgn
DATE: 27-DEC-2000 TIME: 09:13

LICENSED ARCHITECT
JAY R. TITTLE
NO. 12955
REN. 11-30-01
STATE OF CALIFORNIA

NTD ARCHITECTS
2015 Financial Way, Suite 106 Glendora, CA 91741
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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

DEMOLITION FLOOR PLAN – MULTI- PURPOSE BLDG.

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

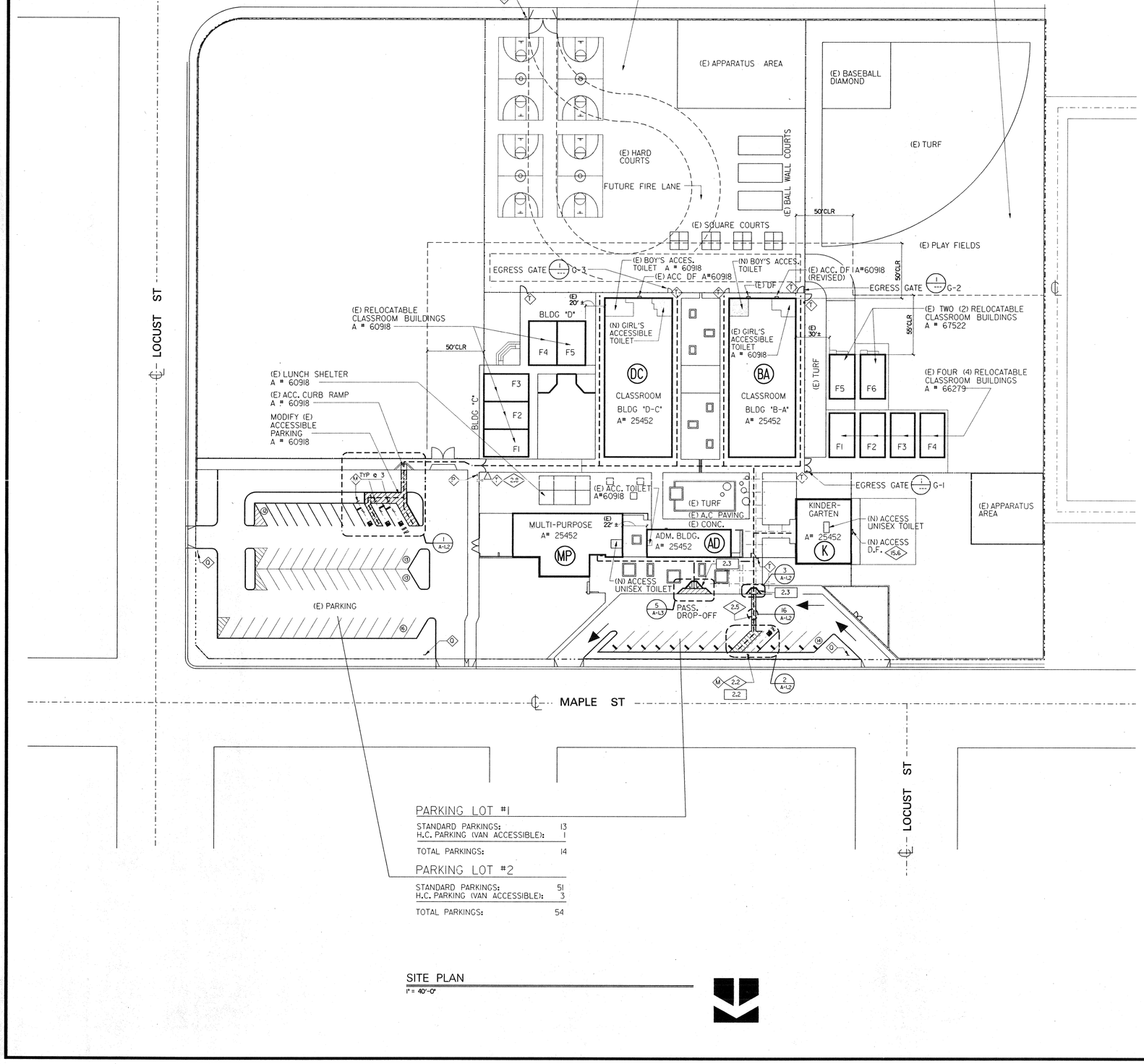
SHEET OF

D-2.3

DATE: 27-DEC-2000 TIME: 09:13
FILE: o:\1998-0192\8192d203.dgn

SAFE DISPERSAL AREA (PLAYFIELDS):

STAFF AND STUDENT POPULATION = 694
694 x 3 S.F. = 2,082 S.F.
(PER CBC SECTIONS 1017.12 AND 1021.7.5)
272,200 S.F. (6.25 ACRES) AVAILABLE
(50 FEET CLEAR FROM NEAREST BUILDING)



PARKING LOT #1

STANDARD PARKINGS:	13
H.C. PARKING (VAN ACCESSIBLE):	1
TOTAL PARKINGS:	14

PARKING LOT #2

STANDARD PARKINGS:	51
H.C. PARKING (VAN ACCESSIBLE):	3
TOTAL PARKINGS:	54

SITE PLAN
1" = 40'-0"

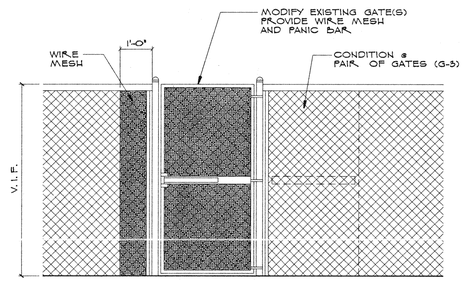
SIGNAGE SCHEDULE

SIGNAGE SYMBOL ◇

SIGN	REF. DETAIL NO.	REMARKS.
A	6a/A-1.3	
B	6b/A-1.3	
C	6c/A-1.3	
D	6d/A-1.3	
E	13/A-1.2	
F	14/A-1.2	
G	15/A-1.2	
H	9/A-1.2	
J	10/A-1.2	
K	11/A-1.2	
L	12/A-1.2	
M	5/A-1.2	
N	6/A-1.2	
P	7/A-1.2	
Q	8/A-1.2	
R	3/A-1.3	
T		SIGN @ GATE SEE NOTE # 1 THIS SHT.
U	13/A-1.3	

SIGNAGE NOTES:

1. PROVIDE SIGN STATING THAT "GATE IS TO REMAIN LOCKED IN THE OPEN POSITION DURING BUSINESS/SCHOOL HOURS OR DURING ANY PUBLIC FUNCTIONS" WORDING SHALL BE IN 1" CAPITAL LETTERS



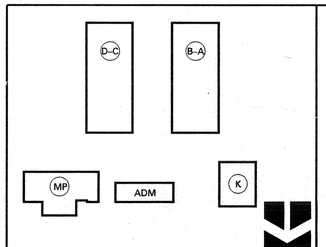
EGRESS GATE(S) (1)
½" = 1'-0"

NOTE:

PATH OF TRAVEL AS INDICATED ---------- IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING ½" AT 1:2 MAX. SLOPE. EXCEPT THAT THE LEVEL CHANGES DO NOT EXCEED ¼" VERTICAL. MAXIMUM CROSS-SLOPE 2% TYPICAL. ARCHITECT AND CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED. (PER SEC.1023)

REFER TO DRAWINGS D-2.1 & A-2.1 FOR TYPICAL DEMOLITION & CONSTRUCTION KEY NOTES.

KEY PLAN



DSA APPROVAL

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11-10-99	DSA PLAN REVIEW SUBMITTAL
04-02-01	BID SET ISSUED

FILES: n:\1998-092\1992a00.dgn
DATE: 09-JAN-2001 TIME: 13:39

LICENSED ARCHITECT JAY R. TITTLE NO. 12655 REN. 11-30-01 STATE OF CALIFORNIA

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ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

SITE PLAN

DATE	12/27/00
JOB NO.	1998092
DRAWN	MF
CHECKED	DB/LH

SHEET OF

A-1.1

DATE: 09-JAN-2001 TIME: 13:39
FILES: n:\1998-092\1992a00.dgn

7221-2.15

NOTE: PROVIDE C.J. WHERE SHOWN ON SITE PLAN, & 10'-0" MAX. WHEN NOT SHOWN



TYPICAL SLAB JOINTS

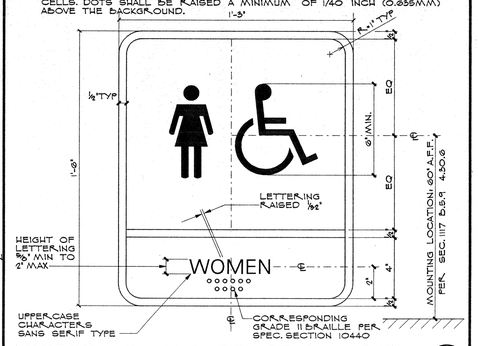
NO SCALE

17

7221-10.16

NOTE 1.: (TITLE 24 - SECTION 1117B.5.2 - BRAILLE SYMBOLS)

BRAILLE SYMBOLS. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH (2.54 MM) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08 MM) SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH (0.635 MM) ABOVE THE BACKGROUND.



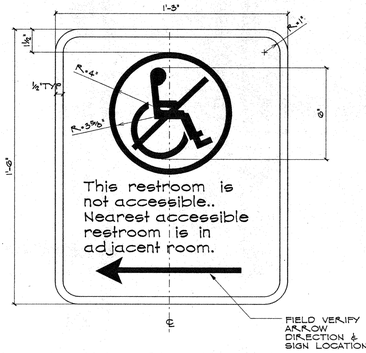
ACCESS. WOMENS TOILET RM. SIGN

3" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (E)

13

7221-10.41



NON-ACCESSIBLE RESTROOM SIGN

3" = 1'-0"

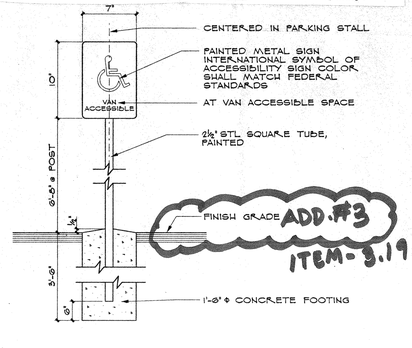
REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (H)

9

72

3.19 SHEET A-1.2 - SITE DETAILS ADD.#3

22. At Detail 5, after 'finish grade' note, ADD "and / or asphalt paving".



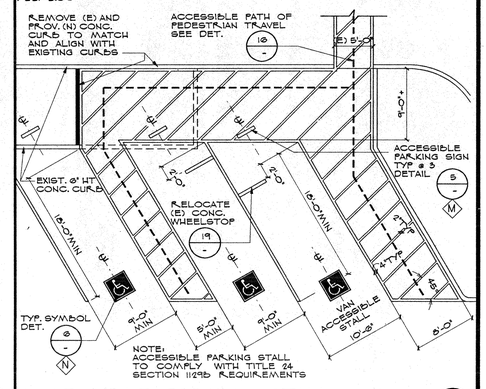
ACCESSIBLE PARKING SIGN

1½" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (M)

5

7221-2.56

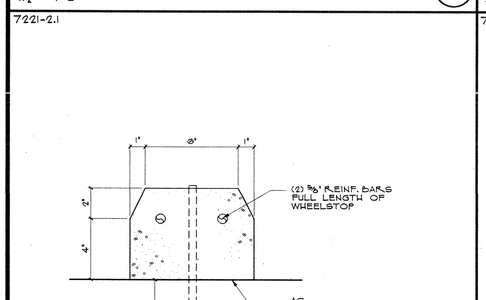


ACCESSIBLE PARKING STALL 60°

⅛" = 1'-0"

1

7221-2.14



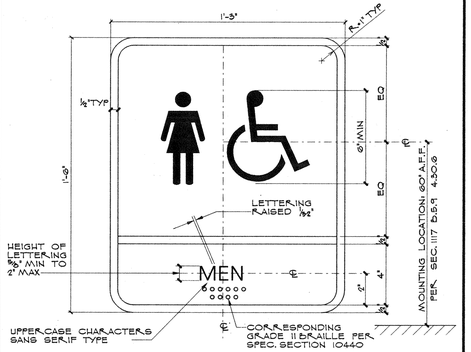
(N) TO (E) CONC. PAVING

1½" = 1'-0"

18

7221-10.17

NOTE: FOR BRAILLE SYMBOLS SEE NOTE 1. ON DET.



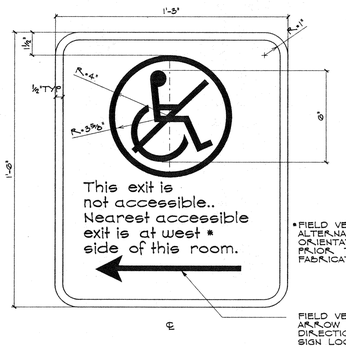
ACCESS. MENS TOILET ROOM SIGN

3" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (F)

14

7221-10.12



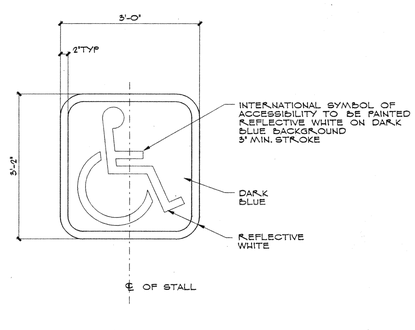
NON-ACCESSIBLE EXIT SIGN

3" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (J)

10

7221-2.4



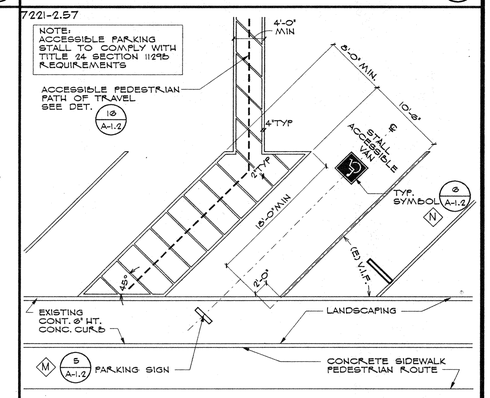
ACCESSIBLE PARKING SYMBOL

⅜" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (N)

6

7221-2.57



ACCESSIBLE PARKING STALL

⅛" = 1'-0"

2

7221-2.1

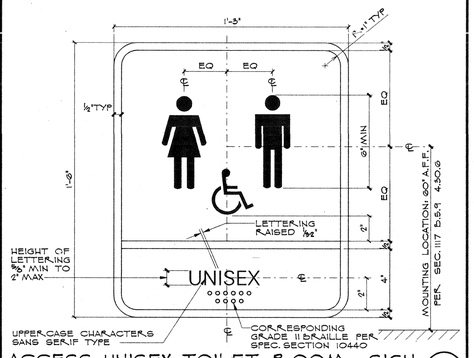
CONCRETE WHEELSTOP

3" = 1'-0"

19

7221-10.18

NOTE: FOR BRAILLE SYMBOLS SEE NOTE 1. ON DET.



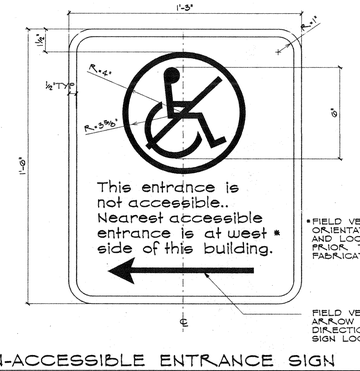
ACCESS. UNISEX TOILET ROOM SIGN

3" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (G)

15

7221-10.13



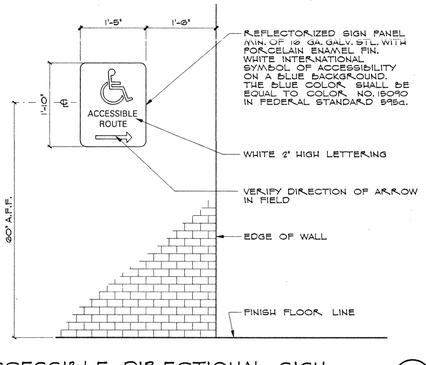
NON-ACCESSIBLE ENTRANCE SIGN

3" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (K)

11

7221-2.30



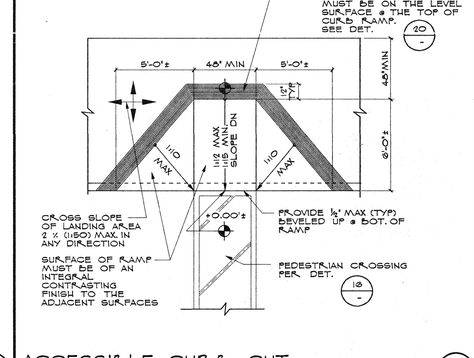
ACCESSIBLE DIRECTIONAL SIGN

⅜" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (P)

7

7221-2.65

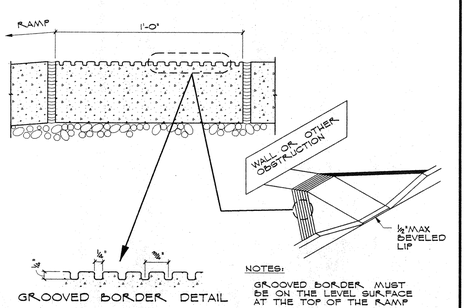


ACCESSIBLE CURB CUT

½" = 1'-0"

3

7221-2.24

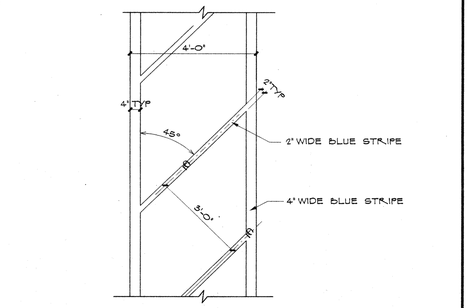


GROOVED BORDERS @ CURB RAMP

3" = 1'-0"

20

7221-2.2

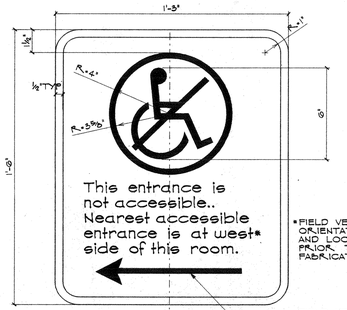


ACCESSIBLE PEDESTRIAN PATH

½" = 1'-0"

16

7221-10.14



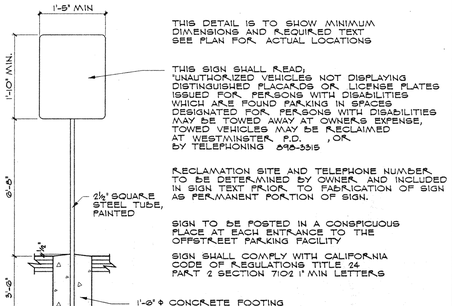
NON-ACCESSIBLE ENTRANCE SIGN

3" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (L)

12

7221-2.8



ACCESSIBILITY SIGN

⅜" = 1'-0"

REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE (Q)

8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 10146
AC FLS SS
DATE

DSA APPROVAL

11-10-99 DSA PLAN REVIEW SUBMITTAL

01/06/01 BID SET ISSUED

FILES: cp:\1998-0192\WSD\a02.dgn
DATES: 27-DEC-2000
TIMES: 09h47

NTD
ARCHITECTS
2023 Financial View, Suite 100 Glendora, CA 91741
Glendora • San Diego • Auburn

LICENSED ARCHITECT * JAY R. TITTLE * No. C-25855 REN. 7-31-01 * STATE OF CALIFORNIA

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

SITE DETAILS

DATE	JOB NO.	DRAWN	CHECKED
12/27/00	19980192	MF	DB/LH

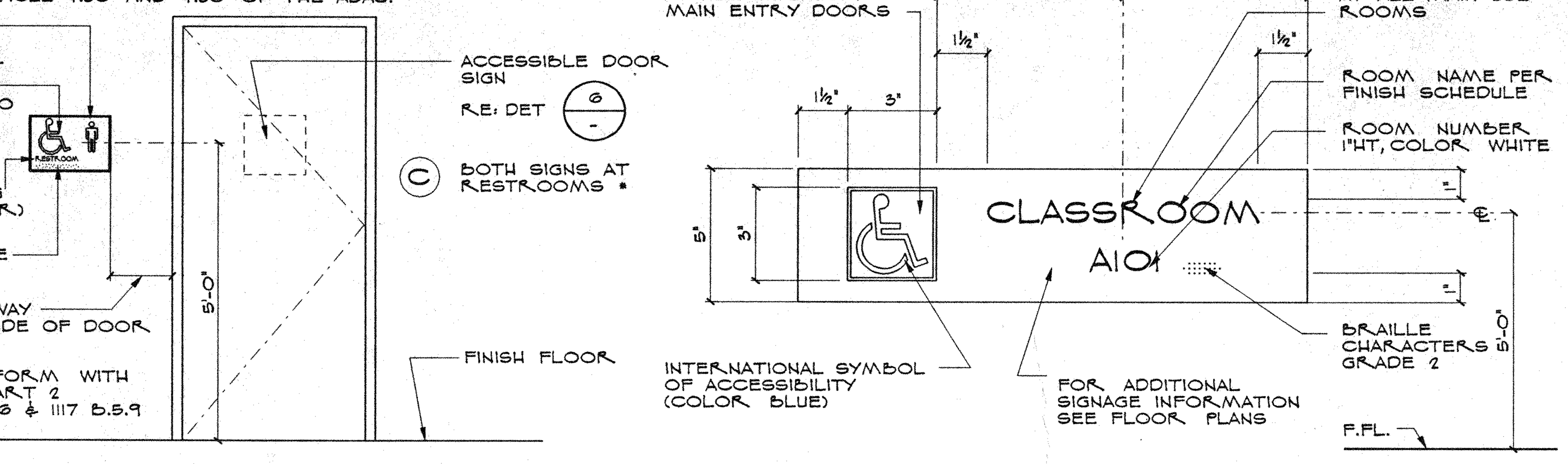
SHEET OF

A-1.2

DATES: 27-DEC-2000 TIMES: 09h47
FILES: cp:\1998-0192\WSD\a02.dgn

7221-8.47

NOTE: SIGN MATERIAL TO BE ⅛" THK ES PLASTIC, WITH 1/32" RAISED BORDER, GRAPHICS & LETTERS. PROV. MECHANICAL MOUNTING W/VANDAL RESISTANT FASTENERS COMPLY WITH ARTICLE 4.30 AND 4.30 OF THE ADAS.



NOTE:

RAISED LETTERS, BRAILLED CHARACTERS AND PICTOGRAM SYMBOL TO BE RAISED 1/32" UPPER CASE, SANS SERIF, (1117B.5.6.1) ⅝" MIN. TO 2" MAX. HEIGH (1117B.5.6.2) WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND STROKE WIDTH TO HEIGHT BETWEEN 1:5 AND 1:10 (1117B.5.5.3). SIGN TO BE A MIN. OF 6" X 6". CHARACTERS AND SYMBOLS SHALL CONTRAST WITH A PICTOGRAM ACCOMPANIED BY EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW (1117B.5.6.3.).

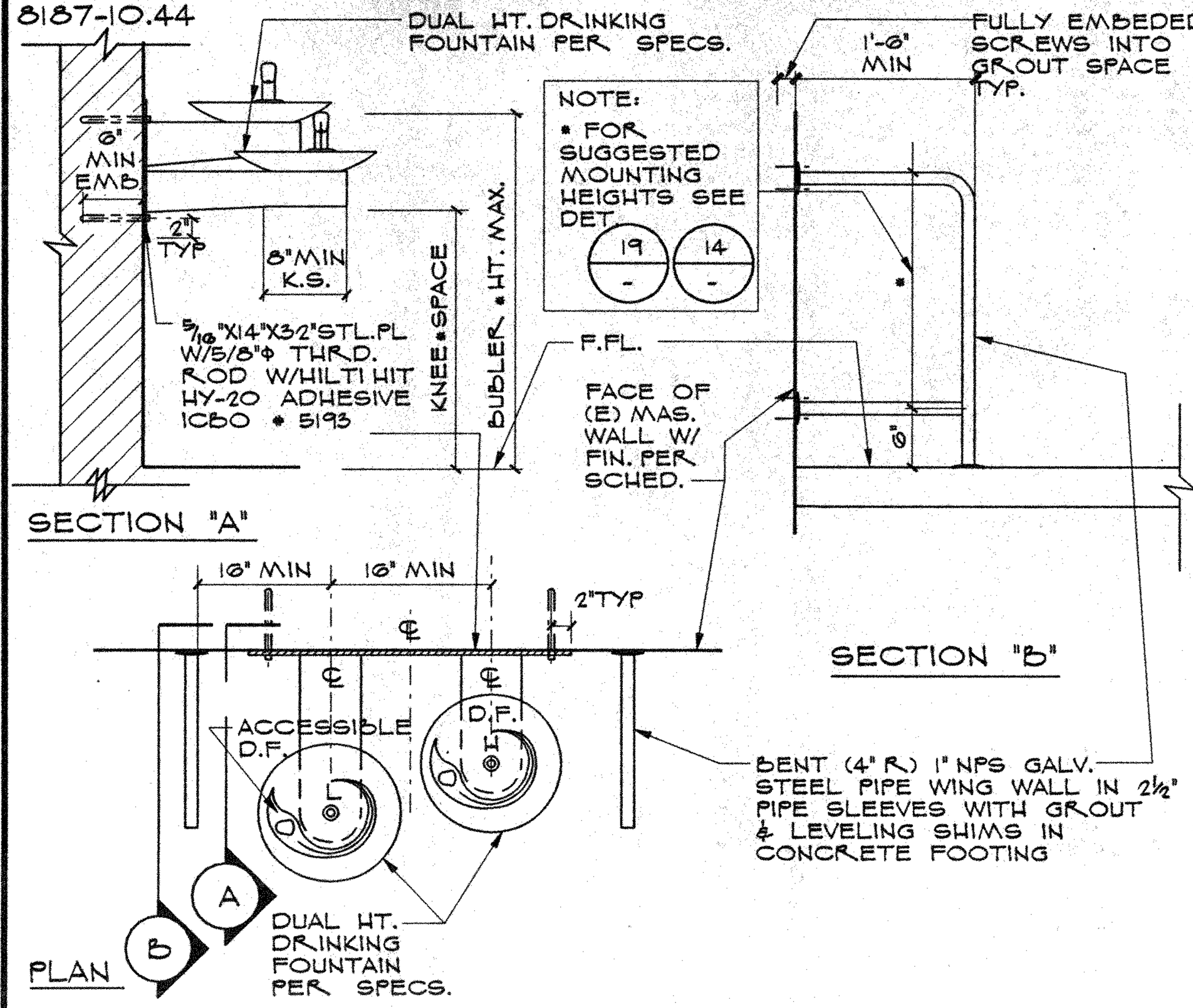
BRAILLE SYMBOLS. CONTRACTED GRADE 2. BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH (2.54MM) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08MM) SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH (0.635MM) ABOVE THE BACKGROUND (1117B.5.2)

LOCATE AT 4" MIN. & 12" MAX. AWAY FROM STRIKE SIDE OF DOOR (TYP.)

ROOM SIGN DETAIL / ELEVATION - AT STRIKE SIDE OF DOOR (13)

½" = 1'-0" * REFER TO SIGNS: E, F & G/A-1.2

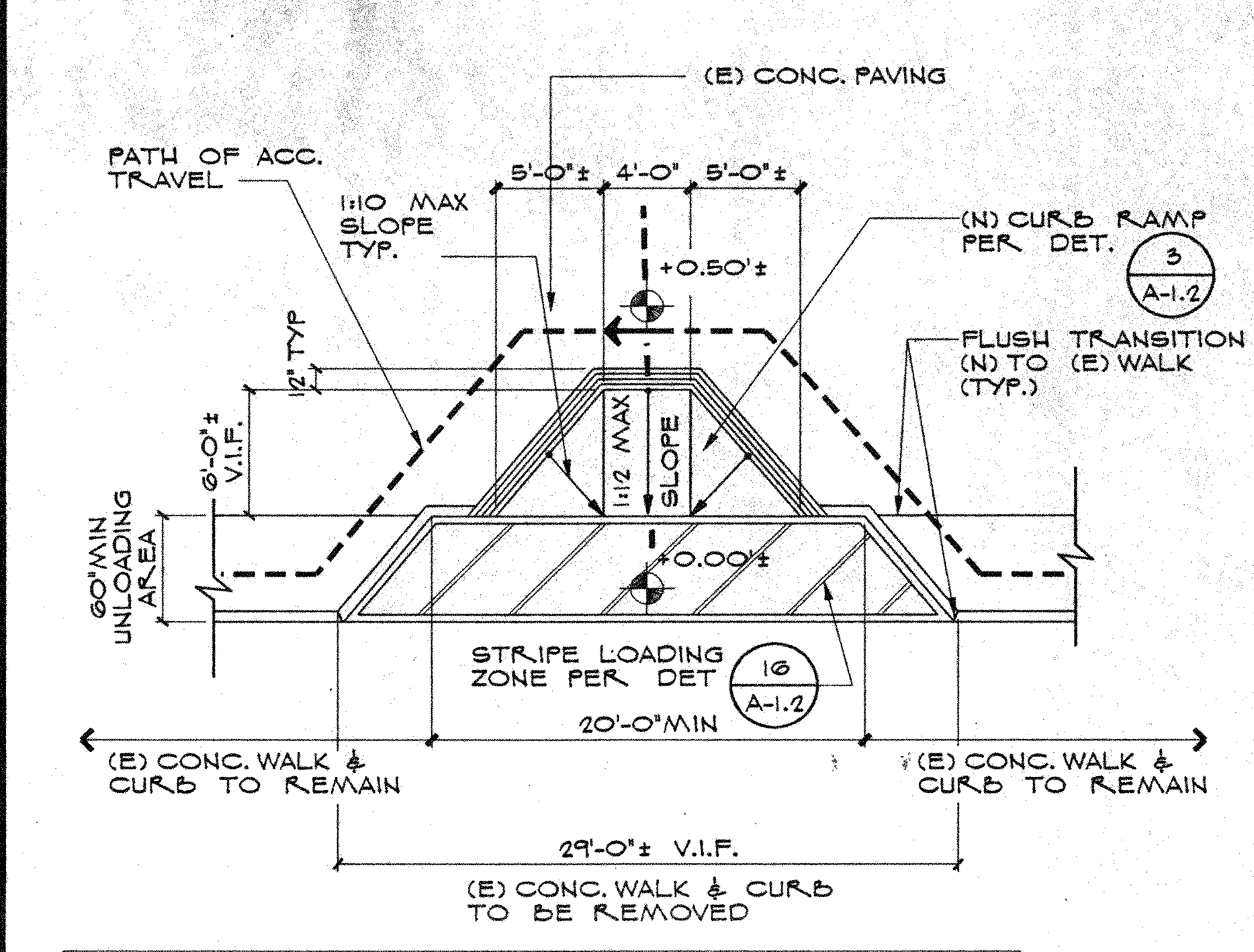
8187-10.44



DUAL HT. ACC. D. F. @ MAS. WL. (9)

N.T.S.

7221-2.71

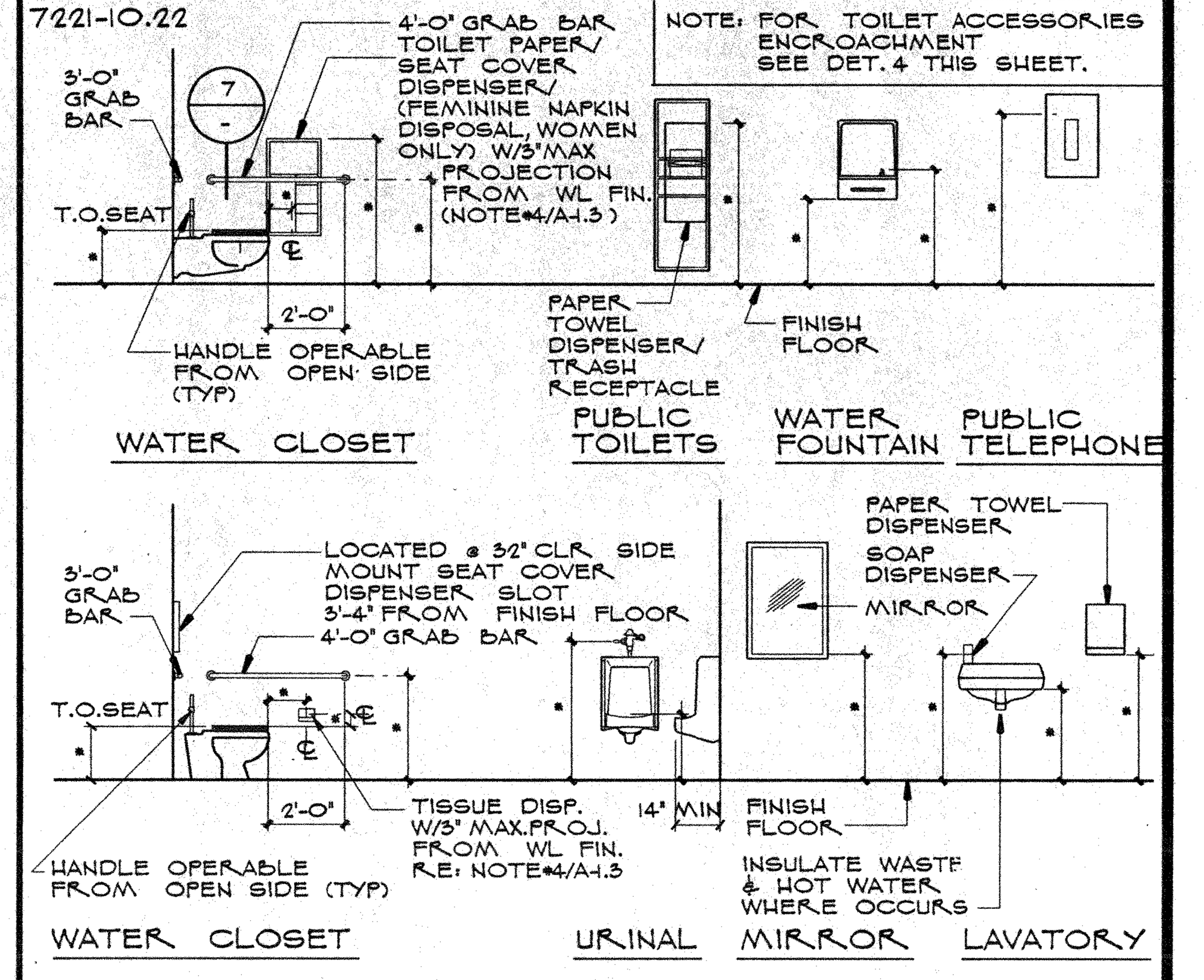


NOTE: PASSENGER DROP-OFF AND LOADING ZONE SHALL COMPLY WITH THE 1998 C.B.C. SEC. 1131B.2 REQIREMENTS.

ACC. PASSENGERS DROP-OFF ZONE (5)

⅛" = 1'-0"

7221-10.22



FIXTURE MOUNTING KEY ELEVATION (1)

¼" = 1'-0" TYPICAL: FOR DIMENSIONS REFER TO DET. 19-THIS SHT.

7221-10.47

1997 UNIFORM BUILDING CODE and 1998 C.B.C.

TABLE 1115B-1 - SUGGESTED MOUNTING HEIGHTS

THE DIVISION OF THE STATE ARCHITECT, OFFICE OF REGULATION SERVICES RECOMMENDS THE FOLLOWING DIMENSIONS AS ADEQUATELY SERVING THE NEEDS OF CHILDREN IN PROJECTS UNDER OUR JURISDICTION. THESE RECOMMENDATIONS ARE BASED ON THE FEDERAL "RECOMMENDATIONS FOR ACCESSIBILITY FOR CHILDREN IN ELEMENTARY SCHOOL" AND OTHER RECOGNIZED PUBLICATIONS ON ACCESS FOR CHILDREN:

A = ADULT DIMENSIONS (AGE 12 AND OVER)

E = ELEMENTARY DIMENSIONS

K = KINDERGARTEN AND PRE-SCHOOL DIMENSIONS

		SUGGESTED	
DIMENSION	A (INCHES)	E (INCHES)	K (INCHES)
TOILET CENTERING FROM WALL	18	15 *	12 *
TOILET SEAT HEIGHT (DIMENSION TO TOP OF THE SEAT)	17-19	15	10-12
GRAB BAR HEIGHT (SIDE)	33	27*	20-22
TOILET PAPER IN FRONT OF TOILET	12 MAX	6 MAX *	6 MAX *
NAPKIN DISPOSAL IN FRONT OF TOILET	12 MAX	12 MAX	N/A
DISPENSER OR MIRROR HEIGHT	40 MAX	36 MAX	32 MAX
LAVATORY/SINK TOP HEIGHT	34 MAX	29 MAX	24 MAX
LAVATORY/SINK KNEE CLEARANCE APRON CLEARANCE	27 MIN 29 MIN	24 MIN	19 MIN
URINAL LIP HEIGHT	17 MAX	15 MAX	13 MIN
URINAL FLUSH HANDLE HEIGHT	44 MAX	37 MAX	32 MAX
DRINKING FOUNTAIN BUBBLER HEIGHT	36 MAX	32 MAX	30 MAX
DRINKING FOUNTAIN KNEE CLEARANCE	27 MIN	24 MIN	19 MIN
RAMP/STAIR HANDRAIL HEIGHT	34-38	27	22

* DEVIATES FROM CODE REQUIREMENTS AND REQUIRES A WRITTEN FINDING OF UNREASONABLE HARDSHIP.

SUGGESTED MOUNTING HEIGHTS (19)

N.T.S.

7221-10.30

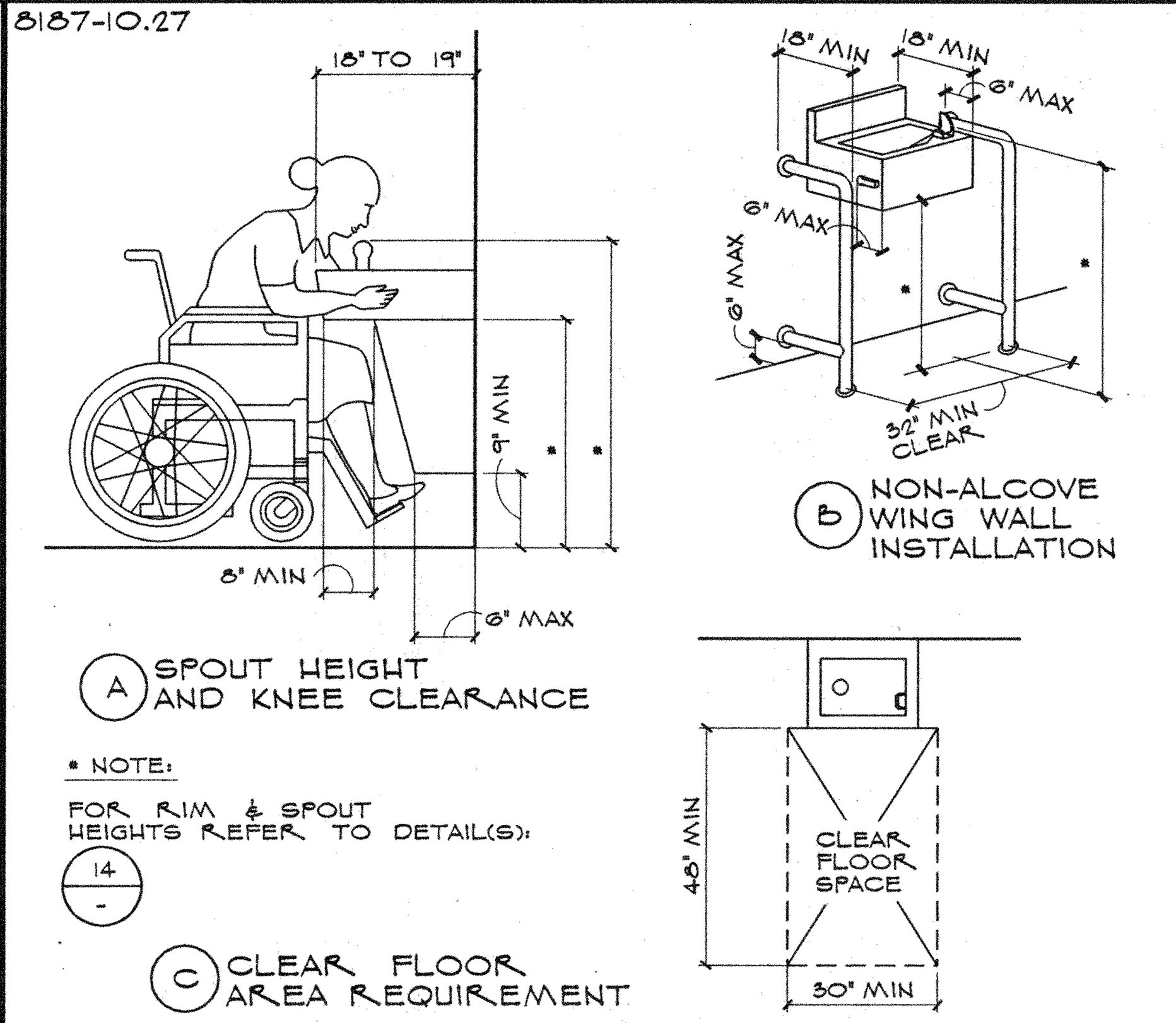
ACCESSIBLE SINK COUNTERS

	COUNTER HEIGHT	KNEE SPACE	SINK DEPTH MAX	DRINKING FOUNTAIN/ BUBBLER	BUBBLER HEIGHT
ADULT	34"	27"	7"	36"	2"
ELEMENTARY	30"	24"	6"	32"	2"
ELEMENTARY	29"	24"	5"	32"	3"
KINDER	24"	19"	5"	30"	6"

ACCESSIBLE SINK COUNTERS TABLE (14)

N.T.S.

8187-10.27



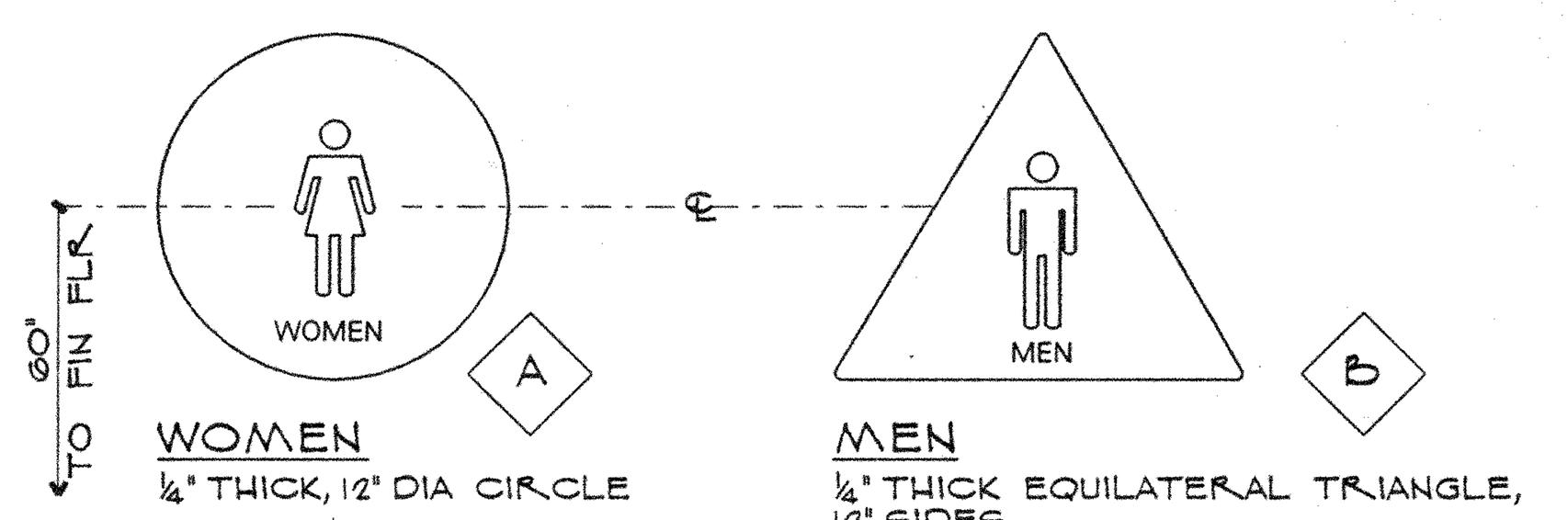
* NOTE:

FOR RIM & SPOUT HEIGHTS REFER TO DETAIL(S): 14/-

ACCESSIBLE DRINKING FOUNTAIN (10)

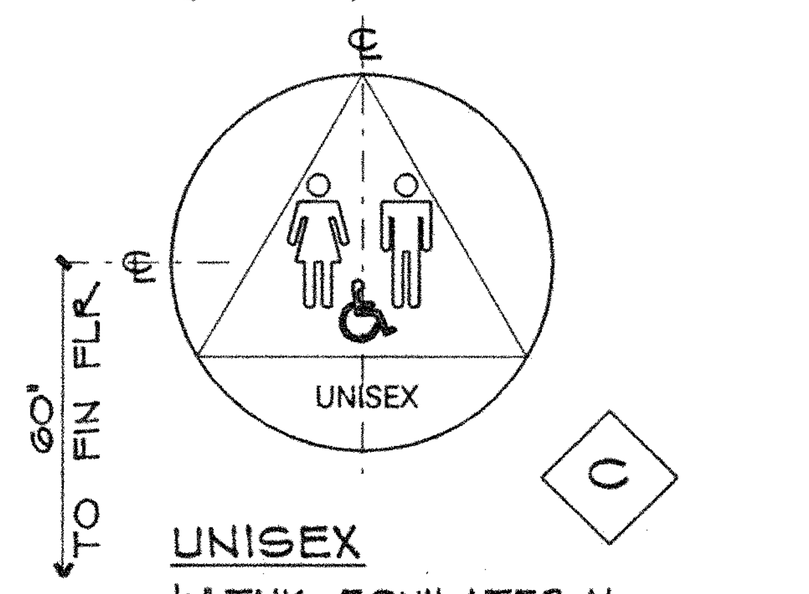
N.T.S.

7221-10.4



WOMEN
¼" THICK, 12" DIA CIRCLE

MEN
¼" THICK EQUILATERAL TRIANGLE, 12" SIDES



UNISEX
¼" THK. EQUILATERAL TRIANGLE OVER ¼" THK. 12" DIAMETER CIRCLE

NOTES:

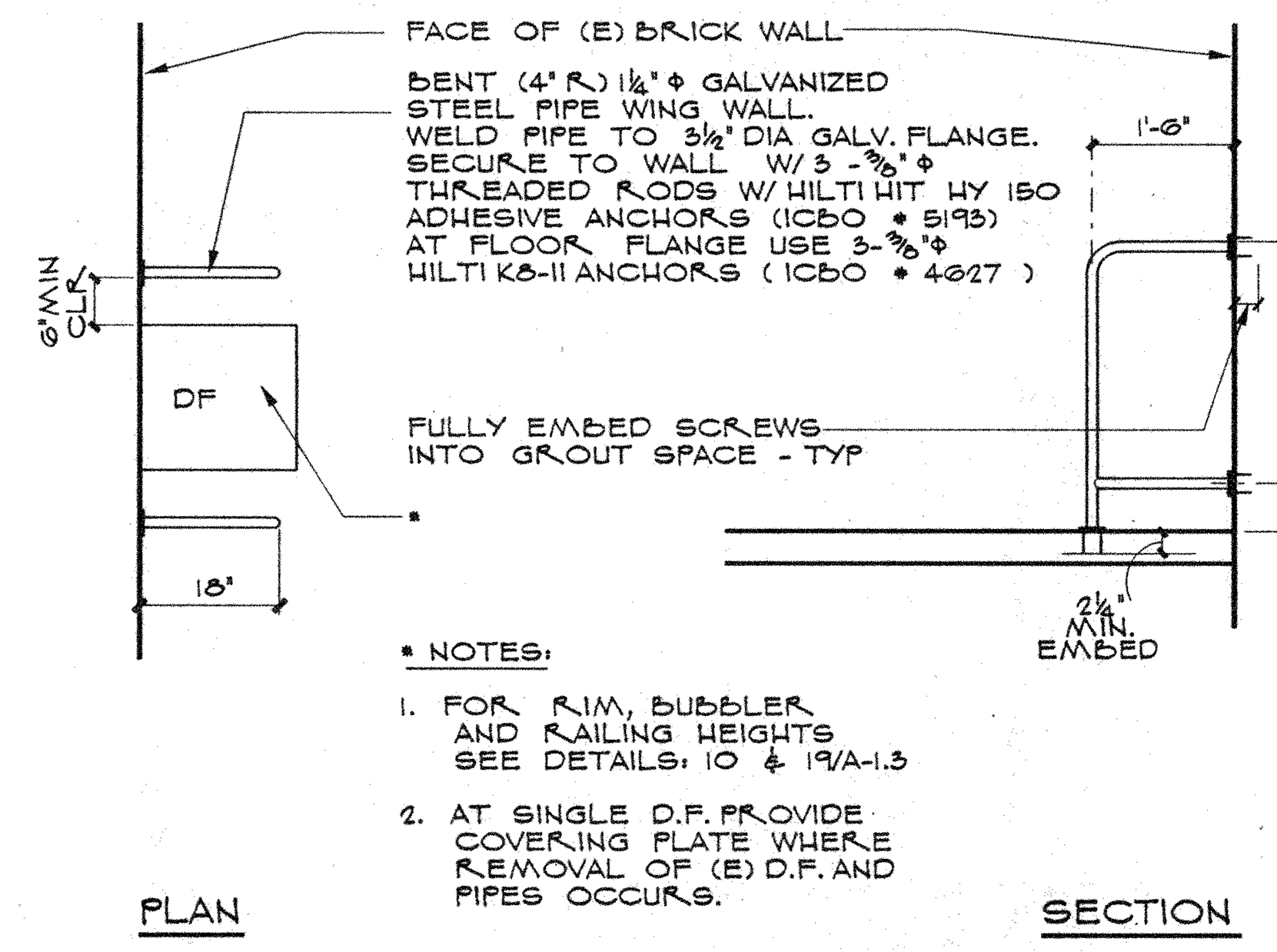
1. ALL ACCESSIBLE TOILET ROOM(S) MUST HAVE PICTORIAL SYMBOL SIGNAGE ACCESSIBLE TO THE VISUALLY IMPAIRED.
2. SYMBOLS ARE TO BE CENTERED ON THE DOOR, AND ARE TO BE DISTINCTLY DIFFERENT FROM THE DOOR IN COLOR & CONTRAST
3. ALL SIGNAGE TO CONFORM TO SEC. 1117.B.5.5 & 1117B.6.3, CBC.

FOR ADDITIONAL INFORMATION REFER TO DETAIL: 13/-

ACCESS. TOILET RM DOOR SIGNS (6)

1½" = 1'-0" REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE A B C D

8187-5.02



FACE OF (E) BRICK WALL

BENT (4" R) 1¼" Φ GALVANIZED STEEL PIPE WING WALL. WELD PIPE TO 3½" DIA GALV. FLANGE. SECURE TO WALL W/ 3 - ⅜" Φ THREADED RODS W/ HILTI HIT HY 150 ADHESIVE ANCHORS (ICBO # 5193) AT FLOOR FLANGE USE 3-⅜"Φ HILTI K8-11 ANCHORS (ICBO # 4627)

FULLY EMBED SCREWS INTO GROUT SPACE - TYP

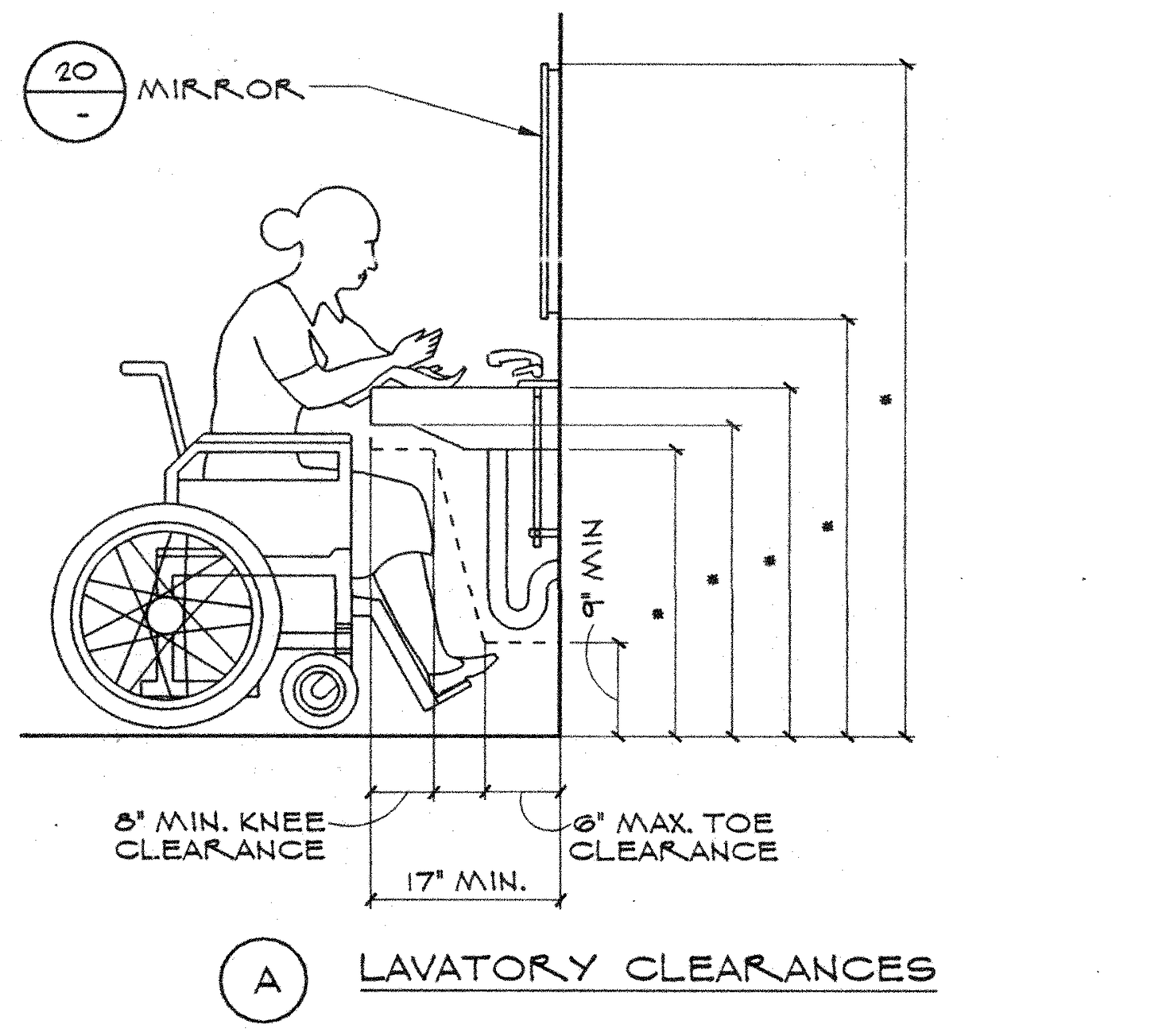
* NOTES:

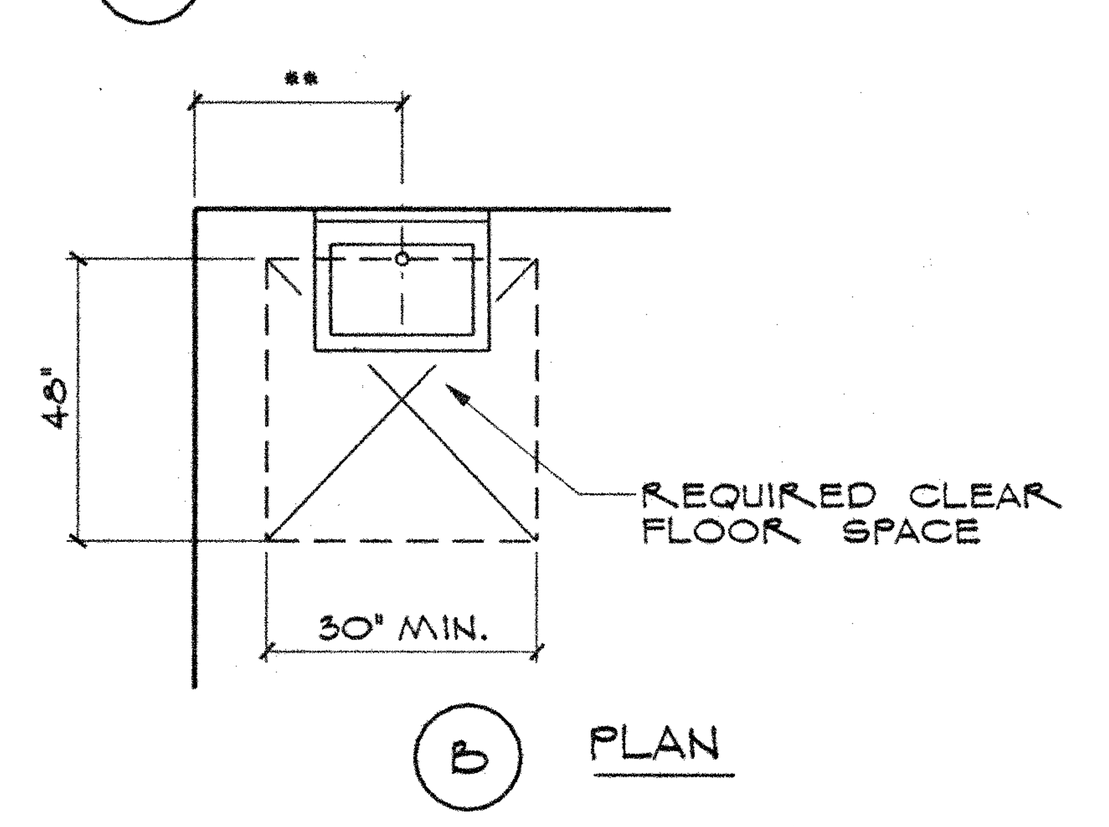
1. FOR RIM, BUBBLER AND RAILING HEIGHTS SEE DETAILS: 10 & 19/A-1.3
2. AT SINGLE D.F. PROVIDE COVERING PLATE WHERE REMOVAL OF (E) D.F. AND PIPES OCCURS.

WING WALL @ DRINKING FOUNTAIN (2)

½" = 1'-0"

7221-10.39





UNIFORM PLUMBING CODE
SECTION 1504 - LAVATORIES

*,** (a) FOR SUGGESTED MOUNTING HEIGHTS OF ACCESSIBLE LAVATORY SEE TABLE 1115B-1 ON DET. (S) 19/-

TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MIN. OF 9 INCHES HIGH FROM THE FLOOR AND MIN. OF 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY.

(b) HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

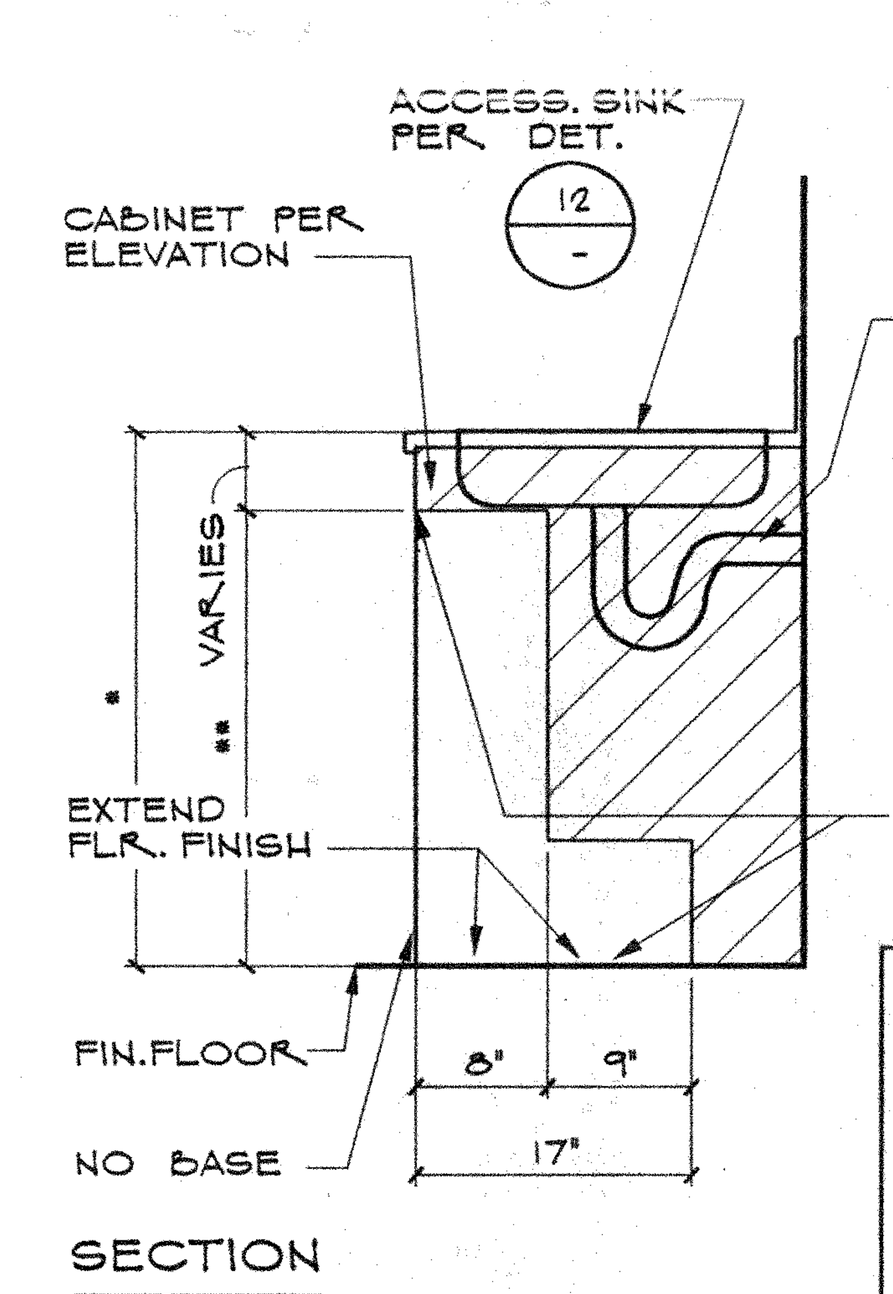
(c) FAUCET CONTROLS AND OPERATING MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.

THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 lbf. LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

ACCESSIBLE LAVATORY (16)

N.T.S.

7221-10.9



FAUCET CONTROLS & OPENING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS. LEVER OPERATED, PUSH TYPE & ELECTRICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

HOT WATER & DRAIN PIPES UNDER ACCESSIBLE SINKS SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES. INSULATION SHALL BE U.L. LISTED IN COMPLIANCE WITH FLAME SPREAD RATING OF NOT MORE THAN 25 AND SMOKE DENSITY NOT EXCEEDING 50 PER CALIFORNIA MECHANICAL CODE.

AREA NOT HATCHED BELOW COUNTER MUST BE ACCESSIBLE AND CLEAR

NOTE:

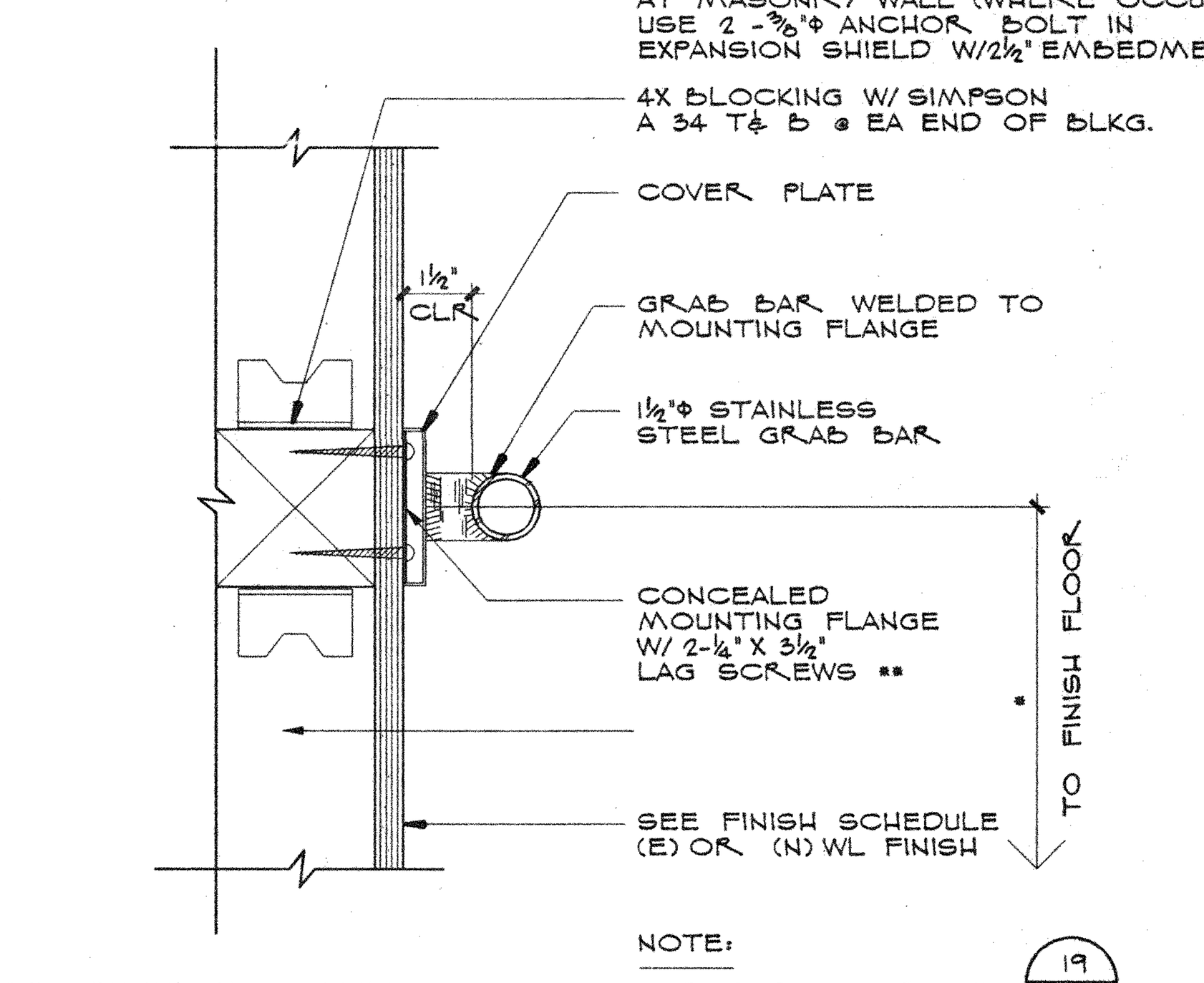
WHERE SINKS ARE PROVIDED, AT LEAST ONE SINK & COUNTER SHALL BE ACCESSIBLE.

* & ** REFER TO DETAIL: 14/-

CABINET WITH ACCESSIBLE SINK (11)

N.T.S.

7221-10.3



** NOTE:

AT MASONRY WALL (WHERE OCCURS) USE 2 - ⅜"Φ ANCHOR BOLT IN EXPANSION SHIELD W/2½" EMBEDMENT

4X BLOCKING W/ SIMPSON A 34 T& B @ EA END OF BLKG.

COVER PLATE

GRAB BAR WELDED TO MOUNTING FLANGE

1½"Φ STAINLESS STEEL GRAB BAR

CONCEALED MOUNTING FLANGE W/ 2-¼" X 3½" LAG SCREWS **

SEE FINISH SCHEDULE (E) OR (N) WL FINISH

THIS DETAIL ALSO APPLIES TO PLUMBING FIXTURE ATTACHMENTS.

NOTE:

* REFER TO DETAIL: 19/-

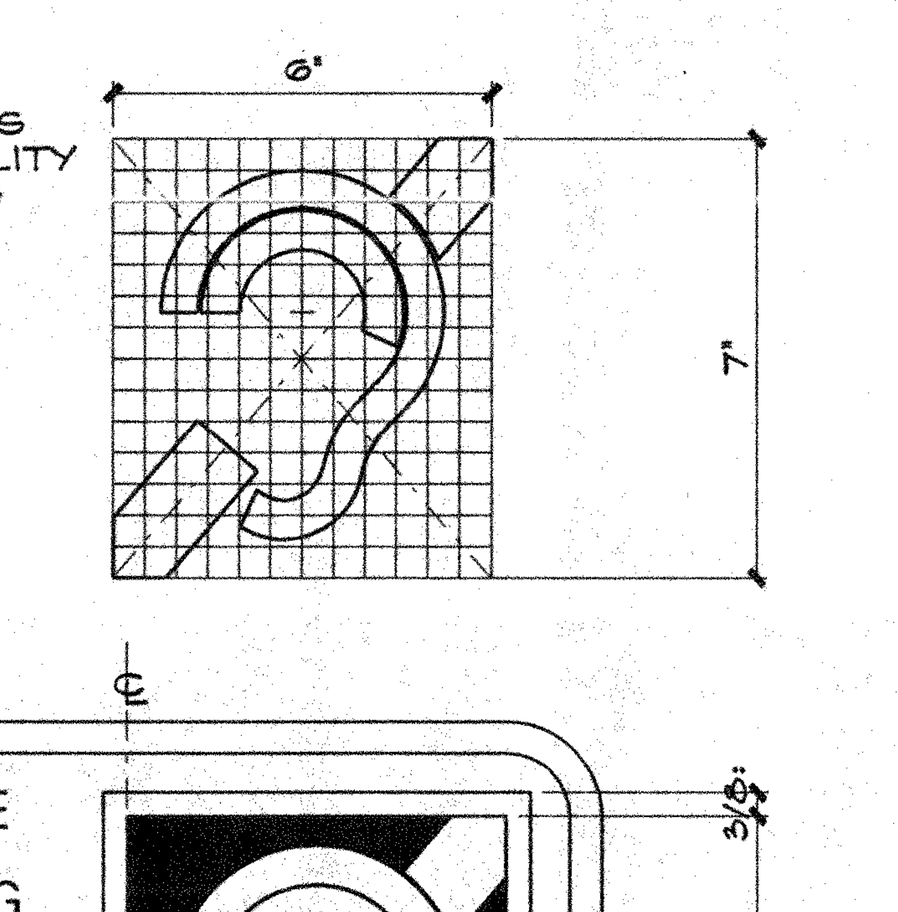
GRAB BAR DETAIL (7)

3" = 1'-0"

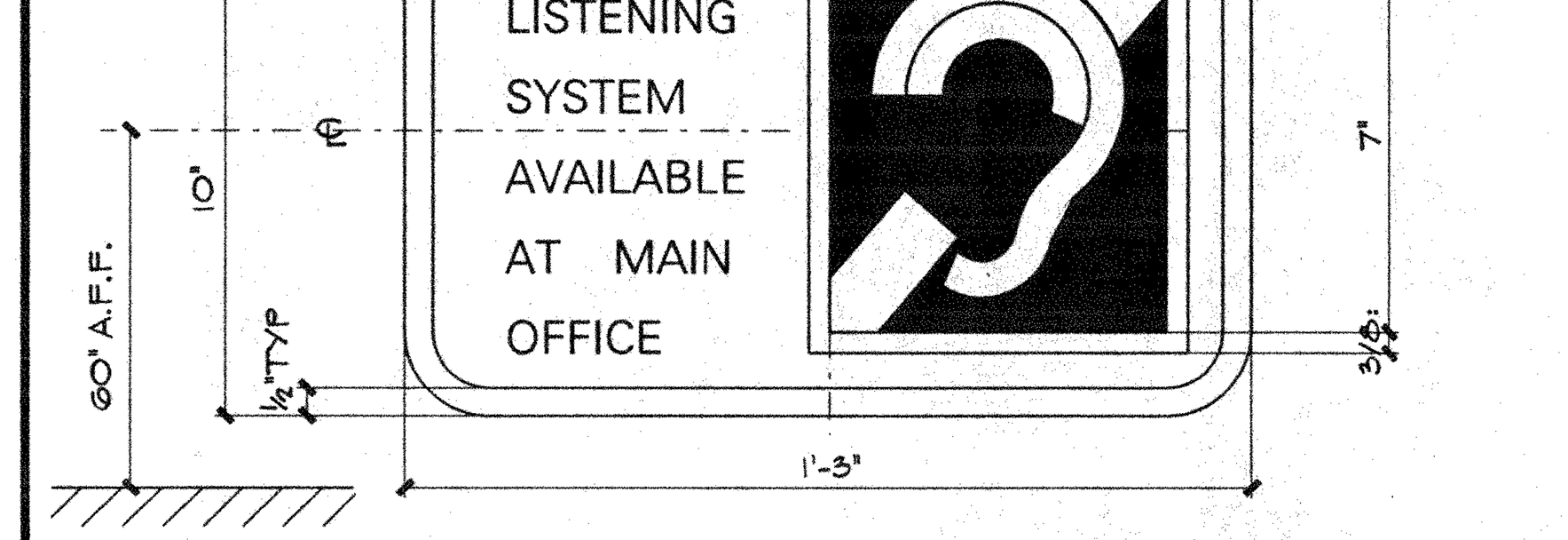
8192-10.10

NOTE:

ASSISTIVE LISTENING DEVICES SHALL BE KEPT LOCKED UP, AND ARRANGEMENTS SHALL BE MADE FOR AVAILABILITY PRIOR TO SPECIAL OCCASIONS W/ADMIN. OFFICE.



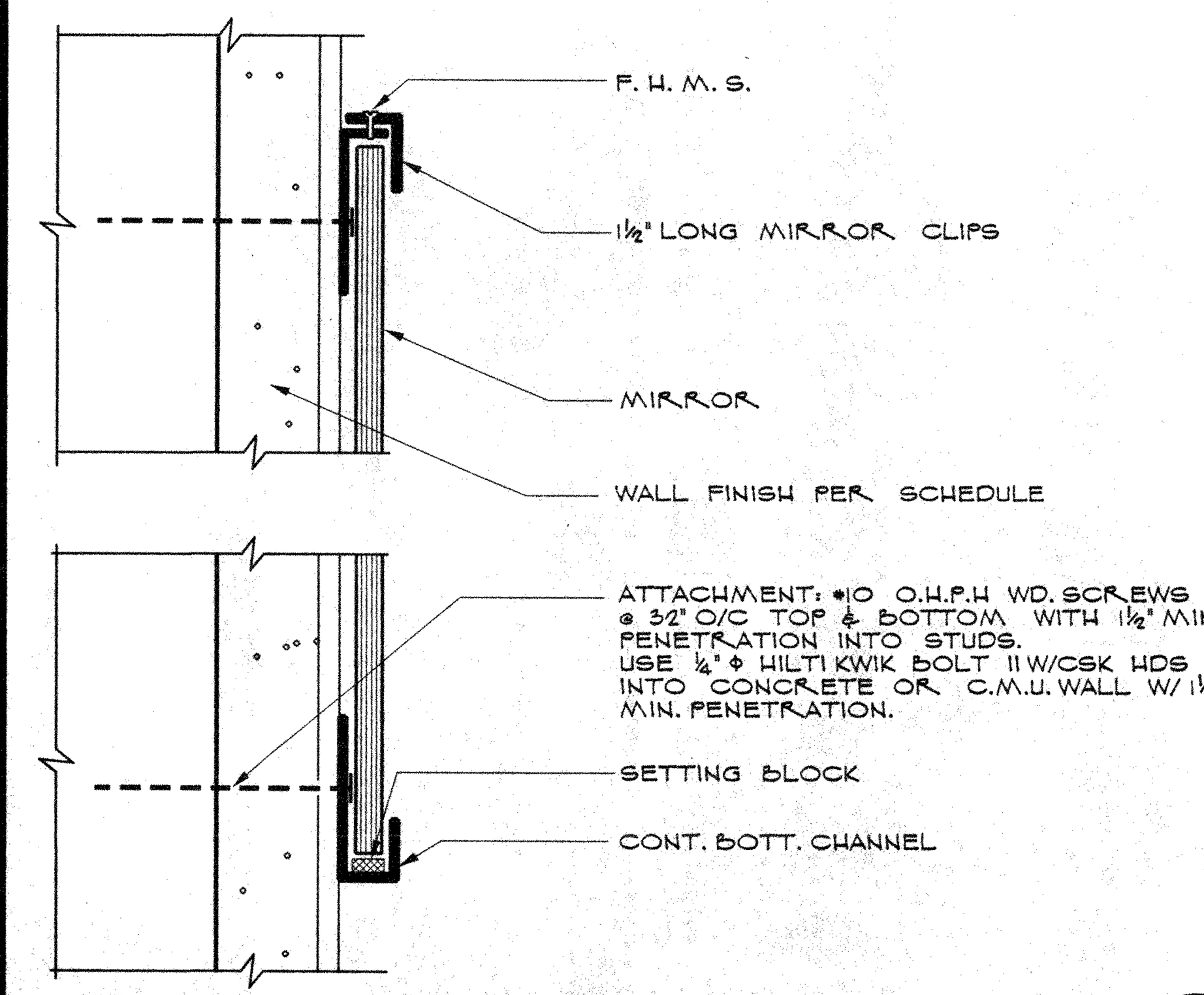
SIGN: SEE SEC. 1104B.3 CBC



ASSISTIVE LISTENING SYSTEM SIGN (3)

3" = 1'-0" REFER TO SHT. A-1.1 FOR SIGNAGE SCHEDULE R

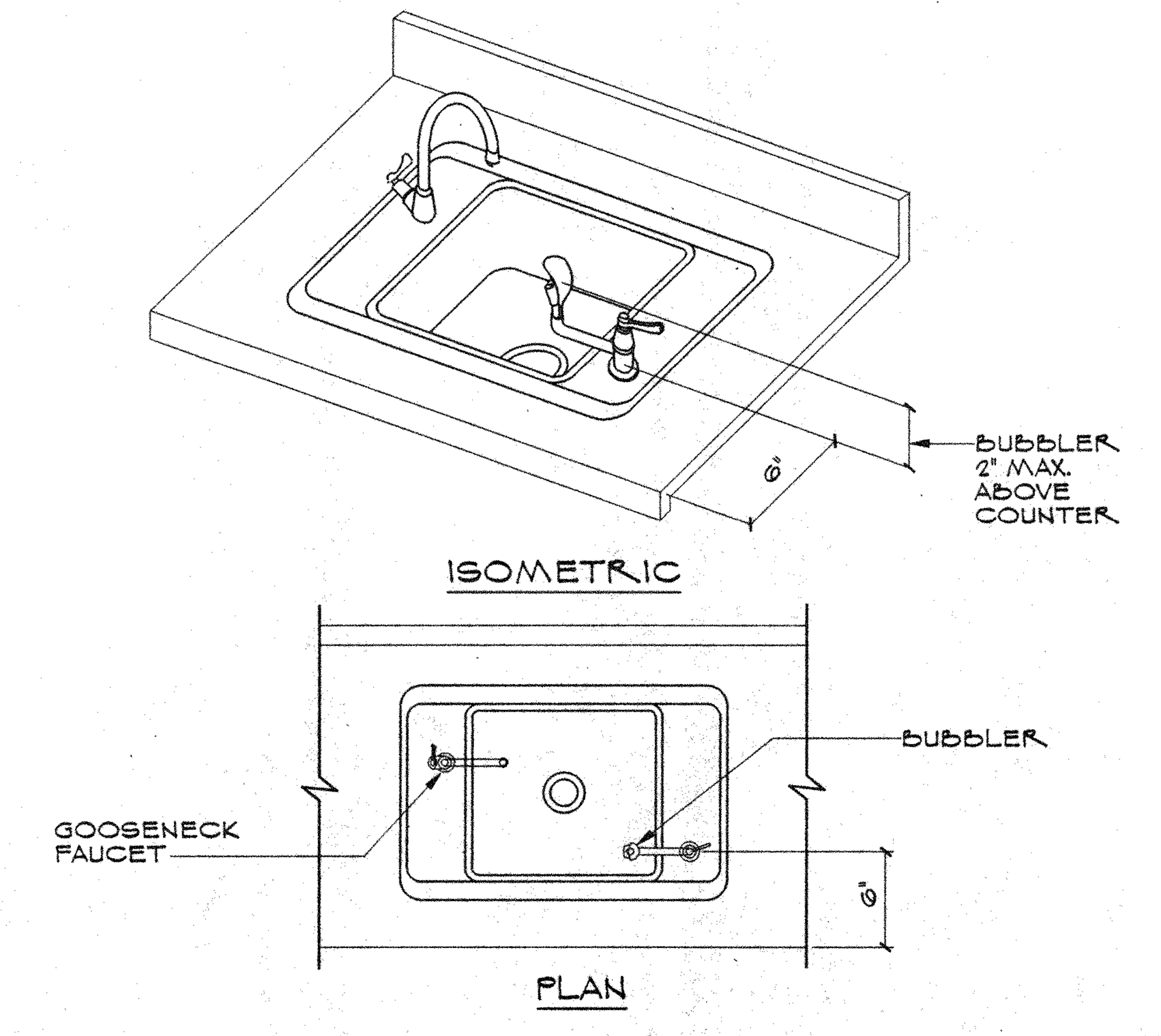
7221-10.01



MIRROR SECTION (20)

FULL SCALE

7221-10.28

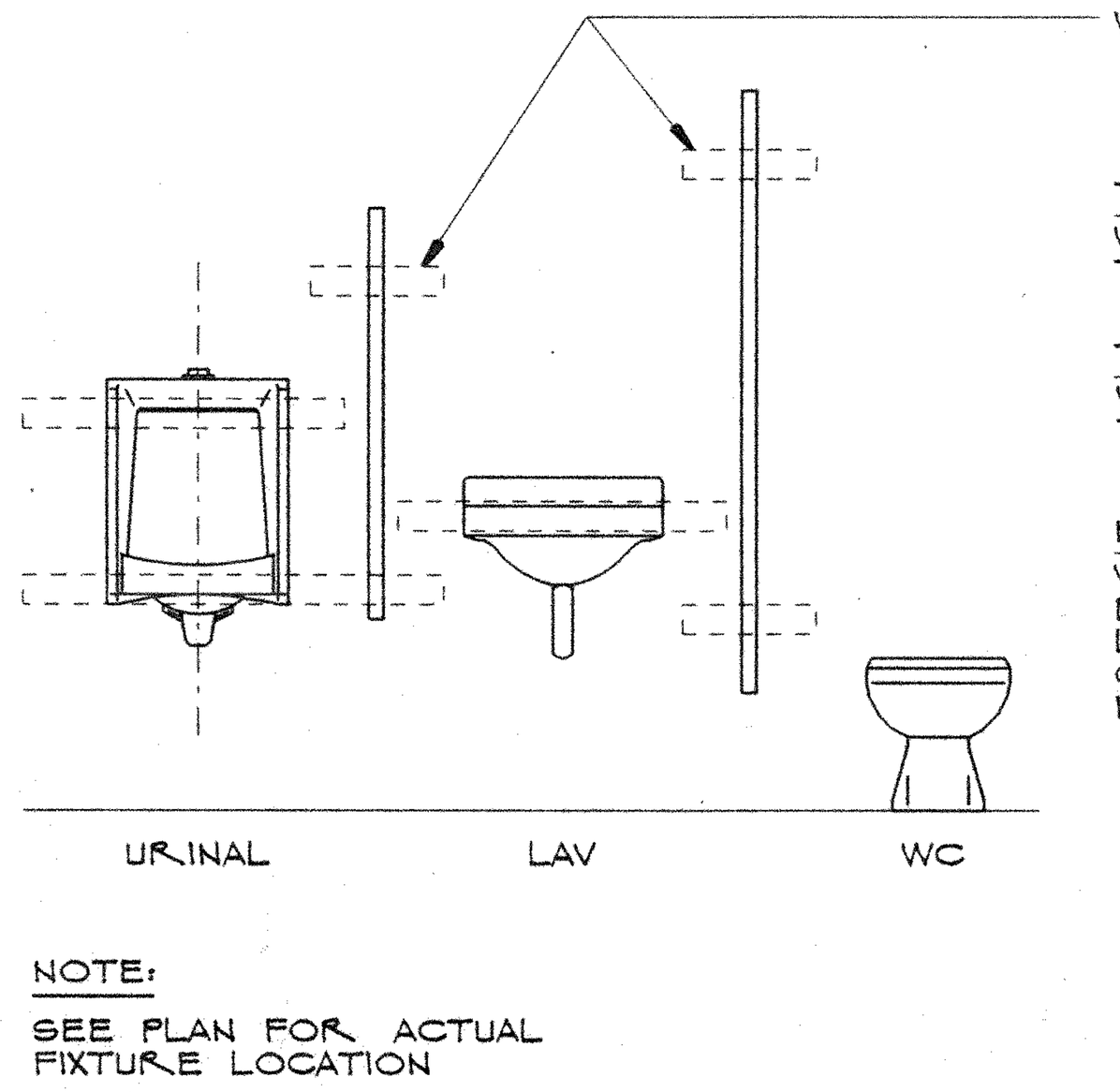


CABINET WITH ACCSESSIBLE SINK (12)

N.T.S.

7221-9.19

NOTE:
2 X 6 WD. BLOCK LET INTO VERTICAL STUD FACE NAIL W/ MIN. (2) 8d NAILS EACH STUD



WD. BACKING

TYP PARTITION SUPPORT:
WD. BLOCKING SECURED TO 3 STUDS MIN

TYP FIXTURE SUPPORT:
WD. BLOCKING SECURED TO 3 STUDS MIN

NOTE:
VERIFY LOCATION OF PLATE WITH TYPE & LOCATION OF FIXTURE OR PARTITION BEFORE INSTALLATION

NOTE:
SEE PLAN FOR ACTUAL FIXTURE LOCATION

TOILET FIXTURE SUPPORT (8)

NO SCALE

TOILET ACCESSORIES ENCROACHMENT NOTE:

SURFACE OR SEMI - SURFACE TOILET PAPER DISPENSERS OR TOILET PAPER / SEAT COVER DISPENSERS (FEMININE NAPKIN DISPOSAL - WOMEN ONLY) SHALL NOT ENCROACH MORE THAN THREE INCHES FROM THE FACE OF THE WALL OR PARTITION, AND NO CLOSER THAN ONE AND ONE - HALF INCHES TO THE TANGENT POINT OF THE GRAB BAR.

TOILET ACCESSORIES ARE N.I.C., OWNER FURNISHED AND INSTALLED.

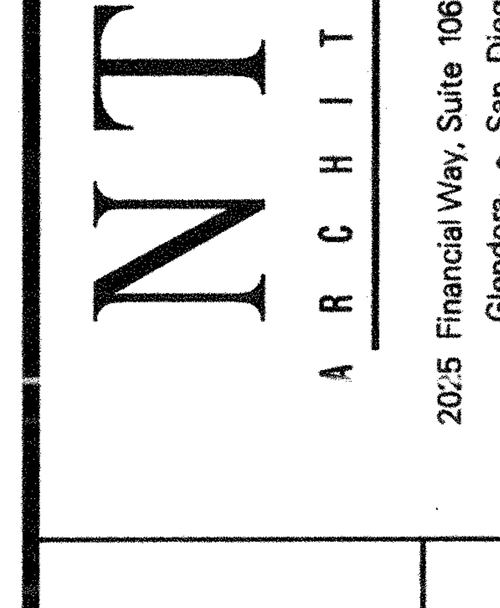
ACCESSORIES ENCROACHMENT (4)

N.T.S.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC_____ FLS_____ SS_____
DATE_____

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL	
01-02-01	BID SET ISSUED	



NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

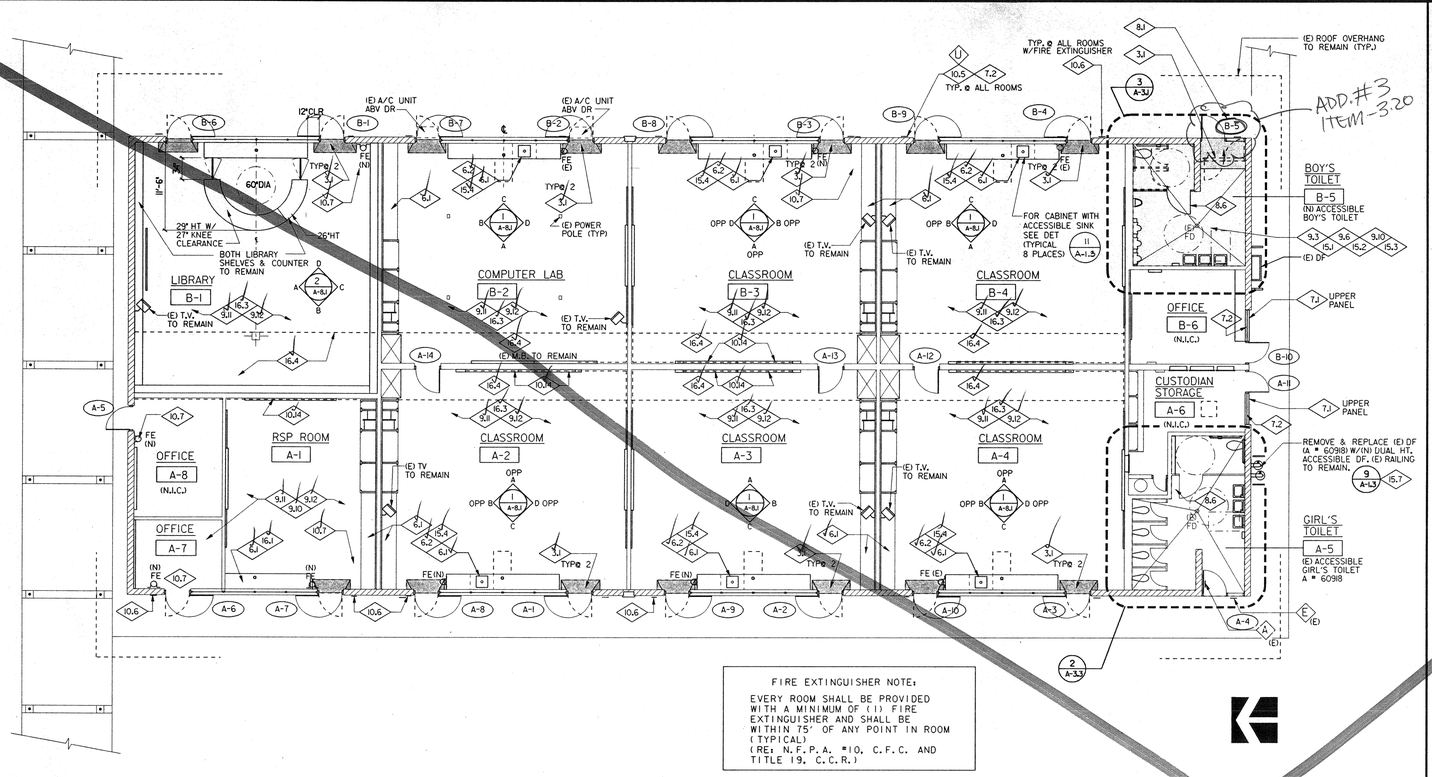
DETAILS

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

SHEET OF

A-1.3

FILE: n:\1998-0192\8192a103.dgn
DATE: 09-JAN-2001 TIME: 13:41



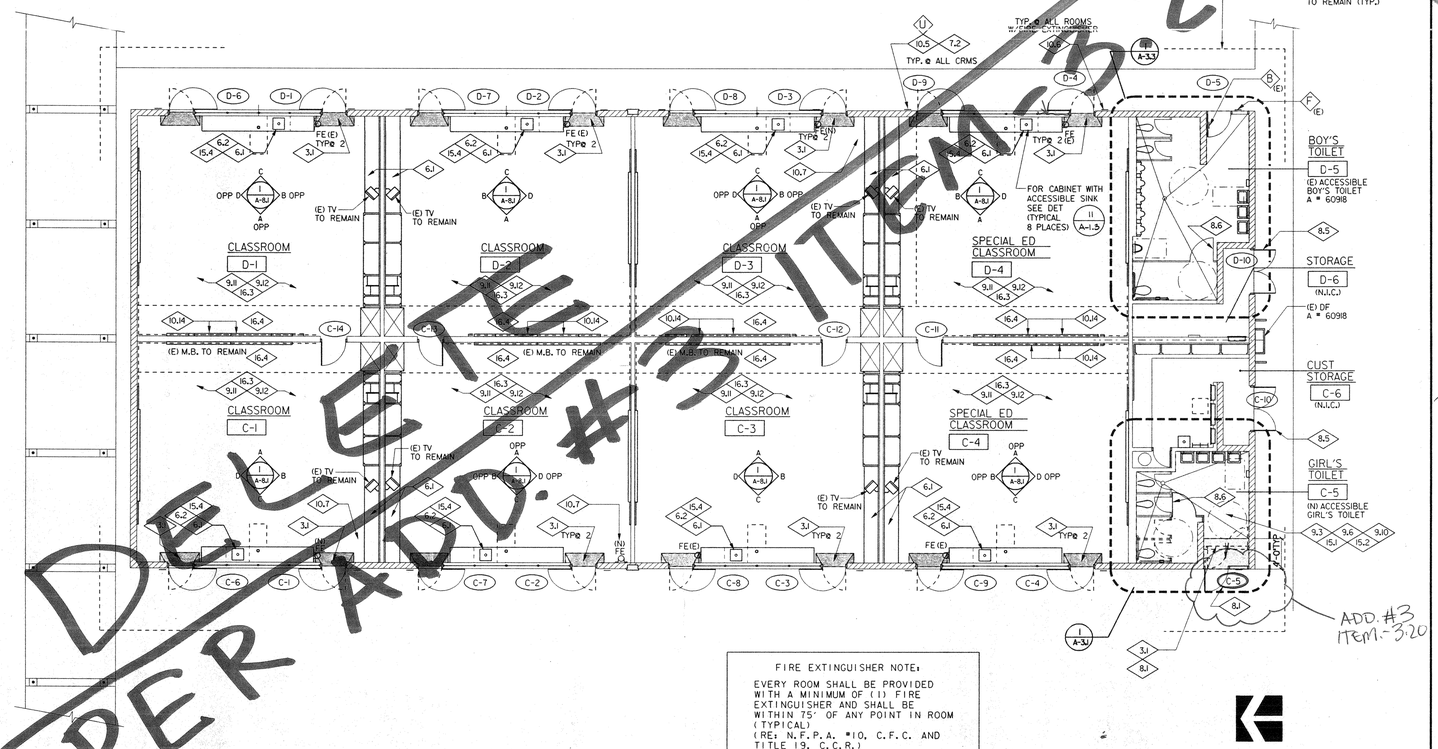
FIRE EXTINGUISHER NOTE:

EVERY ROOM SHALL BE PROVIDED WITH A MINIMUM OF (1) FIRE EXTINGUISHER AND SHALL BE WITHIN 75' OF ANY POINT IN ROOM (TYPICAL) (REF: N.F.P.A. #10, C.F.C. AND TITLE 19, C.C.R.)

FORMERLY KNOWN AS C-1

CLASSROOM BUILDING – "A – B"

SCALE 1/8" = 1'-0" (1)



FIRE EXTINGUISHER NOTE:

EVERY ROOM SHALL BE PROVIDED WITH A MINIMUM OF (1) FIRE EXTINGUISHER AND SHALL BE WITHIN 75' OF ANY POINT IN ROOM (TYPICAL) (REF: N.F.P.A. #10, C.F.C. AND TITLE 19, C.C.R.)

FORMERLY KNOWN AS C-2

CLASSROOM BUILDING – "C – D"

SCALE 1/8" = 1'-0" (2)

DELETE PER ADD. #3 ITEM-320

CONSTRUCTION KEY NOTES: ⟨X⟩

DIVISION 2: SITEWORK

2.1 NEW ACCESSIBLE PEDESTRIAN CROSSING PAVEMENT MARKING. SEE SITE PLAN AND DETAIL: 2/A-1.2
2.2 PATCH EXISTING ASPHALT PAVING AFTER PLACING NEW ACCESSIBLE SIGNS WITH CONCRETE PAD.
2.3 POUR NEW CONC. SLAB PER DETAIL: 18/A-1.2.
2.4 NEW ACCESSIBLE CONC. CURB RAMP AND WALK. SEE DETAIL: 3/A-1.2
2.5 NEW ACCESSIBLE PARKING STRIPE MARKINGS. DET: 16/A-1.2
2.6 RELOCATE EXISTING CONCRETE WHEELSTOP. DETAIL: 2/A-1.2
2.7 MODIFY EXISTING IRRIGATION SYSTEM AS REQUIRED AT THIS AREA.
2.8 FURNISH NEW SIGN PER SITE PLAN. MOUNT ON EXISTING GATES. SEE SPECS FOR ADDIT. INFORMATION.
2.9 POUR (N) CONC. PAD PER DET. 2/A-1.3

DIVISION 3: CONCRETE

3.1 REVISE EXISTING CONCRETE THRESHOLD PER DET. 8/A-7.2
3.2 POUR (N) CONC. CURB PER DET. 13/A-7.2

DIVISION 6: WOOD AND PLASTIC

6.1 PROVIDE PLASTIC LAMINATE COUNTERTOP INCLUDING CUTOUT FOR NEW SINK, COVED REAR AND END-SPLASH.
6.2 NEW BASE CABINETS WITH ACCESSIBLE SINK. FINISH ALL EXPOSED EDGES WITH PLASTIC LAMINATE. SEE INTERIOR ELEVATIONS.
6.3 ENLARGE (E) DOOR OPENING PER DET. 3/A-8.2.
6.4 PROVIDE CABINET FILLER PANEL AS REQUIRED. MATCH FINISH TO ADJACENT SURFACES.
6.5 PROVIDE NEW TALL CABINET DOORS TO EXISTING CABINET W/PLASTIC FINISH & CABINET HARDWARE.
6.6 NEW 2X @ 16" O.C. WOOD WALL . DETAIL: 13/A-8.2.

DIVISION 7: THERMAL AND MOISTURE PROTECTION

7.1 NEW 1/4" THK TEMPERED HIGHLY TINTED GLAZING IN (E) ALUMINIUM FRAMED WINDOW. RE: NOTES 4 & 5 of THIS SHT.
7.2 PROVIDE NEW ALUM. COMPOSITE PANEL IN EXIST. WINDOW FRAME BY EXIT DOORS. COLOR AS PER COLOR BOARD, LOCATED AT DISTRICT'S OFFICE. VERIFY COLOR BOARD NUMBER.
7.3 CLOSE WATERTIGHT EXISTING AND NEW ROOF VENT OPENINGS; FINISH TO MATCH EXISTING ROOF SURFACES.

DIVISION 8: DOORS AND WINDOWS

8.1 PROVIDE NEW H.M. FRAME WITH NEW 3'-0" WIDE DOOR AND FIXED SIDE PANEL, METAL LOUVER AND REMOVABLE BIRD SCREEN. SEE DOOR SCHEDULE ON SHT. A-7.1
8.2 ENTIRE DOOR ASSEMBLY TO REMAIN. REPLACE THRESHOLD AND FLOOR TRANSITION ONLY. SEE DETAIL: 7/A-7.2
8.5 PROVIDE NEW DOOR FRAME AND DOOR WITH HARDWARE PER DOOR SCHEDULES.
8.6 EQUIP ACCESS. TOILET COMP. DOORS BOTH SIDE WITH A "U"-SHAPED HANDLE IMMEDIATE.Y BELOW THE LATCH. THE LATCH MUST BE FLIP-OVER OR SLIDING TYPE. ALSO PROV. A COAT HOOK ON THE INSIDE OF COMP. DOOR @ 48" A.F.F. TO THE CENTER OF HOOK.
8.7 LUBRICATE GUIDES AND REPAIR/REPLACE WINDOW HARDWARE AT ALL OPERABLE WINDOW AS REQUIRED.
8.8 PROVIDE NEW CASED OPENING PER DOOR SCHEDULE.

DIVISION 9: FINISHES

9.1 REPAIR EXIST. INTERIOR PORTLAND CEMENT PLASTER, MATCH AND ALIGN WITH ADJACENT SURFACES.
9.2 NEW 7/8" THICK INTERIOR CEMENT PLASTER FINISH OVER PAPER BACKED LATH. SEE SPECS.
9.3 NEW CER. TILE BASE AND FLOOR. SEE SPECS & DET. 2/A-8.2.
9.4 REPLACE EXISTING CER. TILE BASE AND FLOOR AT TOILET ROOM PERIMETER PER A-3.1 DRAWING. MATERIAL AND PATTERN TO MATCH EXISTING. COLOR AS SELECTED BY ARCHITECT. REFER TO SPECS FOR ADDIT. INFORMATION.
9.5 NEW CERAMIC TILE WAINSCOT. SEE SPECS AND DET. 1/A-8.2
9.6 PATCH EXISTING CER. TILE WAINSCOT AS REQUIRED. MATCH MATERIAL AND PATTERN WITH ADJACENT EXISTING SURFACES. JOINT TO JOINT, WALL CORNER TO WALL CORNER.
9.7 REPLACE DAMAGED ACOUSTICAL CEILING AND WALL TILES AS REQUIRED. SAND FINISH, PAINT TO MATCH EXISTING ADJACENT SURFACES.
9.8 PAINT ALL EXTERIOR DOORS. COLOR AS PER COLOR BOARD, LOCATED AT DISTRICT'S OFFICE. VERIFY COLOR BOARD NUMBER.
9.9 STAIN INTERIOR DOOR SURFACES. SEE SPECS.
9.10 PAINT - SEE FINISH SCHEDULE OF SHT A-7.1 AND SPECS.
9.11 NEW CARPET PER SPECS.
9.12 (N) 6" HT RESILIENT BASE PER SPECS.
9.13 (N) V.C.T. FLOOR PER SPECS.

DIVISION 10: SPECIALTIES

10.1 INSTALL NEW SOLID PLASTIC TOILET PARTITIONS.
10.2 PROVIDE DOOR SIGNAGE. ON RESTROOM DOORS SEE DET. 6/A-1.3
10.3 PROVIDE POLE MOUNTED VEHICULAR ACCESSIBILITY SIGN. AT PARKING ENTRANCES. DET. 8/A-1.2
10.4 PROVIDE VEHICULAR SITE SIGNAGE, ACCESSIBLE PARKING SIGN AT STALLS. DETAIL: 5/A-1.2
10.5 SURFACE MOUNTED SIGN PER SIGNAGE DETAIL: 13/A-1.3 AND SIGN SCHEDULE OF SHT. A-1.1 .
10.6 SIGN READING: "FIRE EXTINGUISHER INSIDE"
10.7 NEW WALL MOUNTED FIRE EXTINGUISHER ABC TYPE. INCLUDING WALL MOUNTING BRACKETS. DET: 19/A-8.2
10.8 INSTALL NEW OR REINSTALL EXIST. 36" LONG GRAB BAR WITH WALL MOUNTING BRACKETS & BACKING PLATES. DETAILS: 7/A-1.3 & 8/A-1.3
10.9 INSTALL NEW OR REINSTALL EXISTING 48" LONG GRAB BAR WITH WALL MOUNTING BRACKETS & BACKING PLATES. DETAILS: 7/A-1.3 & 8/A-1.3
10.10 NEW MIRROR. MIRRORED STAINLESS STEEL. DET: 20/A-1.3
10.11 POWDERED SOAP DISPENSER. FURNISHED & INSTALLED BY OWNER.
10.12 PAPER TOWEL DISPENSER FURNISHED & INSTALLED BY OWNER. CONTRACTOR TO PROVIDE BACKINGS.
10.13 TOILET TISSUE DISPENSER FURNISHED AND INSTALLED BY OWNER.
W/MAX. 3" ENCROACHING FROM WALL FINISH SURFACES, AND NO CLOSER THAN ONE AND ONE-HALF INCHES TO THE TANGENT POINT OF THE GRAB BAR.
10.14 NEW MARKERBOARD PER SPECS AND DETAIL: 17/A-8.2.
10.15 NEW TACKBOARD PER SPECS AND DETAIL: 18/A-8.2.
10.16 SIGNAGE FOR "NON ACCESSIBLE EXIT" AT REAR DOOR OF EACH CLASSROOM PER DET. 10/A-1.2

SECTION 15: MECHANICAL

15.1 NEW OR REMOUNT EXISTING LAVATORY AS REQUIRED.
15.2 NEW TOILET
15.3 NEW WALL MOUNTED URINAL.
15.4 NEW SINK.
15.5 NOT USED
15.6 INSTALL ACCESSIBLE DRINKING FOUNTAIN W/RAILINGS. SEE DETAILS; 2 &10/A-1.3 AND MECHANICAL DRAWINGS.
15.7 INSTALL (N) DUAL HEIGHT ACCESS. DRINKING FOUNTAIN. SEE NOTE NO. 2 ON 2/A-1.3

DIVISION 16: ELECTRICAL

16.1 CONTINUOUS ELECTRIC PLUG MOLD PER ELEC. DRAWINGS.
16.2 NEW ILLUMINATED EXIT SIGN. SEE ELECTRICAL.
16.3 NEW 2'X4' SURFACE MOUNTED LIGHTS. SEE ELECTRICAL.
16.4 CLEAN EXISTING LENS, FIXTURE CAN AND RELAMP WITH NEW AT SOFFIT.

LEGEND:

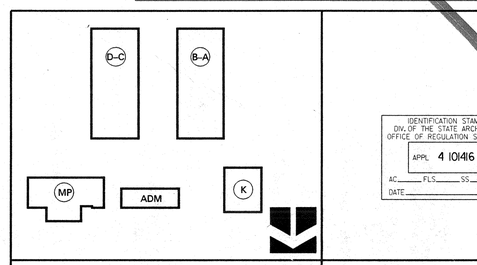
FE (E) — LOCATION OF NEW (N) OR EXISTING (E) FIRE EXTINGUISHER & SIGN. MOUNTING HEIGHT TO BE 48" A.F.F. TO THE HANDLE

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1
   SIGNAGE SYMBOL ⟨X⟩
2. FOR SIGNAGE LOCATION @ ACCESSIBLE TOILETS SEE ENLARGED FLOOR PLANS ON DWG. A-3.1 & A-3.2
3. ENSURE ELECTRICAL OUTLETS ARE REMOVED FROM COUNTERTOP BACKSPLASH AND REINSTALLED ABOVE BACKSPLASH.
4. PROVIDE NEW GLAZING FOR APPROXIMATELY 80% OF EXISTING WINDOWS. REPLACE ALL PLEXIGLASS WINDOW PANES AND ANY DAMAGED GLASS WINDOW PANES. WHERE TINTED, NEW TINT COLOR WILL MATCH THE PREDOMINANT TINT COLOR OF EACH BUILDING.
5. REPLACE ALL PLEXIGLASS WINDOW PANES AND ANY DAMAGED GLASS WINDOW PANES. TYPICAL THROUGHOUT THIS SCHOOL.

REFER TO SHT. D-2.1 FOR DEMO KEY NOTES AND TO SHT. A-2.1 FOR CONSTRUCTION ◇ KEY NOTES

KEY PLAN



DSA APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

11-20-99	DSA PLAN REVIEW SUBMITTAL
04-02-01	BID SET ISSUED

FILE: n:\1998-0192\1892x20\1.dgn
DATE: 09-JAN-2001 TIME: 1452

NTD ARCHITECTS
2725 Fifth Avenue, Suite 100, San Diego, CA 92103 (619) 234-8200
Glendale • San Diego • Auburn

LICENSED ARCHITECT JAY R. TITTLE NO. 12955 REN. 11-30-01 STATE OF CALIFORNIA

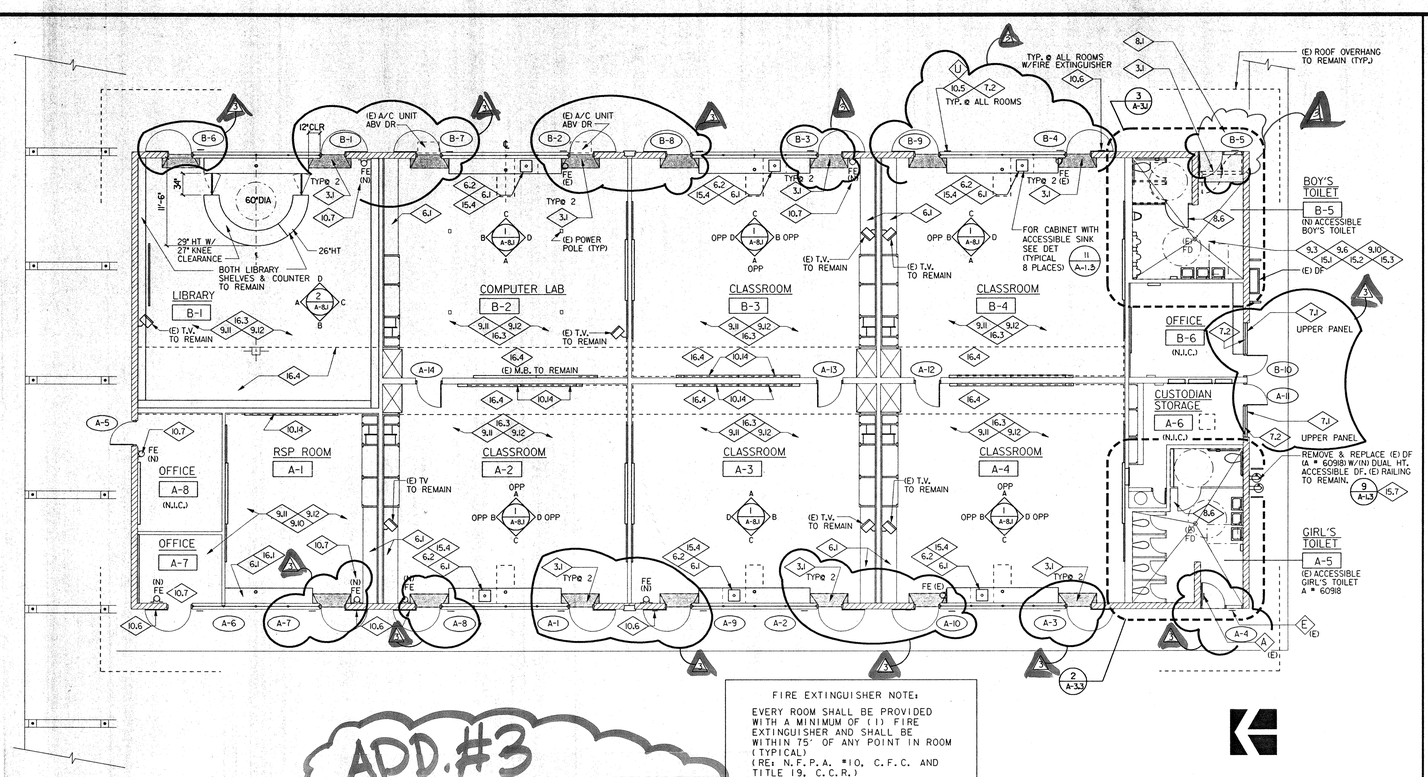
ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

DATE 12/27/00
JOB NO. 1998092
DRAWN: ME
CHECKED: DB/LH

FLOOR PLANS – A-B & C-D BLDGS.

SHEET A-2.1 OF

DELETE PER ADD. #3 ITEM-320



FORMERLY KNOWN AS C-1

CLASSROOM BUILDING – "A – B"

SCALE 1/4" = 1'-0" (1)

FIRE EXTINGUISHER NOTE:

EVERY ROOM SHALL BE PROVIDED WITH A MINIMUM OF (1) FIRE EXTINGUISHER AND SHALL BE WITHIN 75' OF ANY POINT IN ROOM (TYPICAL) (RE: N.F.P.A. #10, C.F.C. AND TITLE 19, C.C.R.)

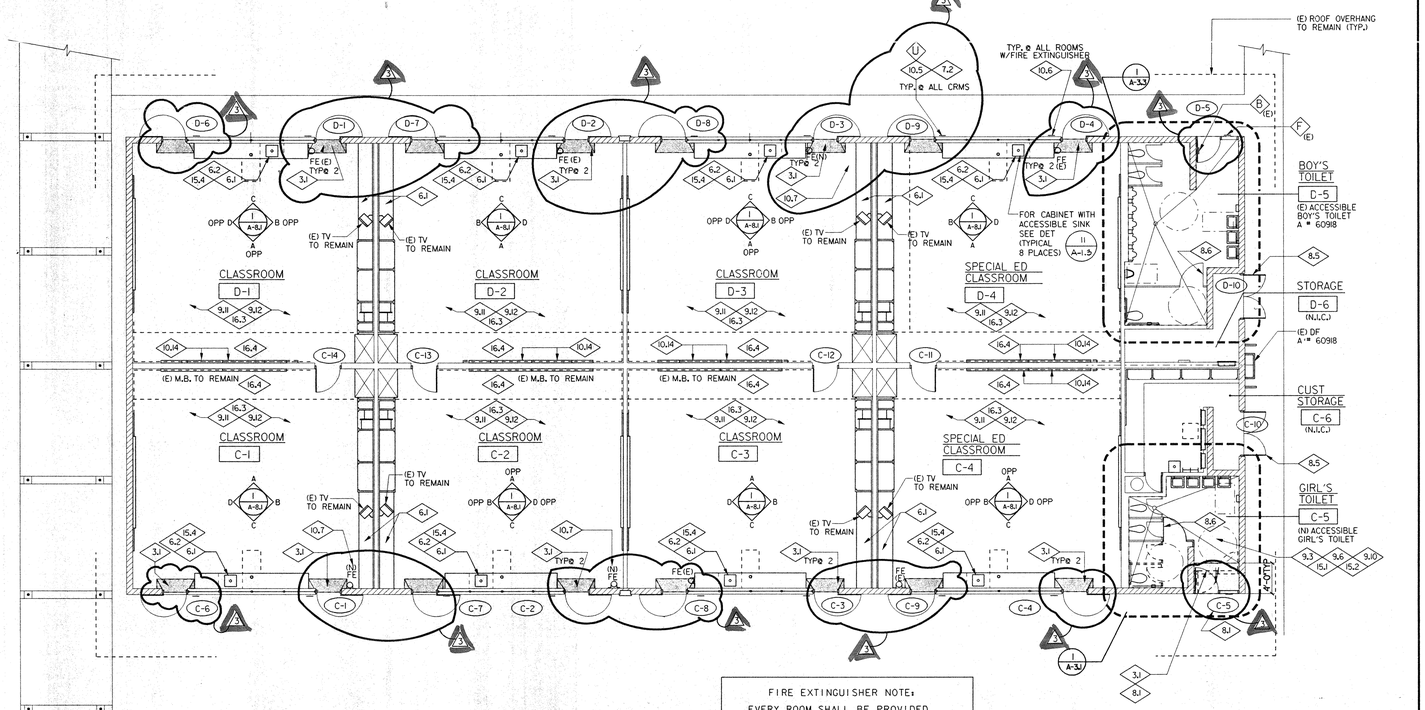
ADD. #3

3.20 SHEET A-2.1 - FLOOR PLANS - 'A-B' & 'C-D' BLDGS.

23. At Toilets B-5 and C-5, rotate Doors B-5 and C-5 into the bldg.

24. **ADDENDUM DRAWING AD3-4** is issued with this Addendum #3 to show all exterior classroom doors swing back to existing.

NEW SHEET



FORMERLY KNOWN AS C-2

CLASSROOM BUILDING – "C – D"

SCALE 1/4" = 1'-0" (2)

FIRE EXTINGUISHER NOTE:

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CONSTRUCTION KEY NOTES: (XX)

DIVISION 2: SITEWORK

2.1 NEW ACCESSIBLE PEDESTRIAN CROSSING PAVEMENT MARKING. SEE SITE PLAN AND DETAIL: 2/A-1.2
2.2 PATCH EXISTING ASPHALT PAVING AFTER PLACING NEW ACCESSIBLE SIGNS WITH CONCRETE PAD.
2.3 POUR NEW CONC. SLAB PER DETAIL: 18/A-1.2.
2.4 NEW ACCESSIBLE CONC. CURB RAMP AND WALK. SEE DETAIL: 3/A-1.2
2.5 NEW ACCESSIBLE PARKING STRIPE MARKINGS. DET: 16/A-1.2
2.6 RELOCATE EXISTING CONCRETE WHEELSTOP. DETAIL: 2/A-1.2
2.7 MODIFY EXISTING IRRIGATION SYSTEM AS REQUIRED AT THIS AREA.
2.8 FURNISH NEW SIGN PER SITE PLAN. MOUNT ON EXISTING GATES. SEE SPECS FOR ADDIT. INFORMATION.
2.9 POUR (N) CONC. PAD PER DET. 2/A-1.3

DIVISION 3: CONCRETE

3.1 REVISE EXISTING CONCRETE THRESHOLD PER DET. 8/A-7.2
3.2 POUR (N) CONC. CURB PER DET. 13/A-7.2

DIVISION 6: WOOD AND PLASTIC

6.1 PROVIDE PLASTIC LAMINATE COUNTERTOP INCLUDING CUTOUT FOR NEW SINK, COVED REAR AND END-SPLASH.
6.2 NEW BASE CABINETS WITH ACCESSIBLE SINK. FINISH ALL EXPOSED EDGES WITH PLASTIC LAMINATE. SEE INTERIOR ELEVATIONS.
6.3 ENLARGE (E) DOOR OPENING PER DET. 3/A-8.2.
6.4 PROVIDE CABINET FILLER PANEL AS REQUIRED. MATCH FINISH TO ADJACENT SURFACES.
6.5 PROVIDE NEW TALL CABINET DOORS TO EXISTING CABINET W/PLASTIC FINISH & CABINET HARDWARE.
6.6 NEW 2X @ 16" O.C. WOOD WALL . DETAIL: 13/A-8.2.

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7.1 NEW 1/4" THK TEMPERED HIGHLY TINTED GLAZING IN (E) ALUMINIUM FRAMED WINDOW. RE: NOTES 4 & 5 OF THIS SHT.
7.2 PROVIDE NEW ALUM. COMPOSITE PANEL IN EXIST. WINDOW FRAME BY EXIT DOORS. COLOR AS PER COLOR BOARD. LOCATED AT DISTRICT'S OFFICE. VERIFY COLOR BOARD NUMBER.
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8.2 ENTIRE DOOR ASSEMBLY TO REMAIN. REPLACE THRESHOLD AND FLOOR TRANSITION ONLY. SEE DETAIL: 7/A-7.2
8.5 PROVIDE NEW DOOR FRAME AND DOOR WITH HARDWARE PER DOOR SCHEDULES.
8.6 EQUIP ACCESS. TOILET COMP. DOORS BOTH SIDE WITH A 'U'-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH MUST BE FLIP-OVER OR SLIDING TYPE. ALSO PROV. A COAT HOOK ON THE INSIDE OF COMP. DOOR @ 48" A.F.F. TO THE CENTER OF HOOK.
8.7 LUBRICATE GUIDES AND REPAIR/REPLACE WINDOW HARDWARE AT ALL OPERABLE WINDOW AS REQUIRED.
8.8 PROVIDE NEW CASED OPENING PER DOOR SCHEDULE.

DIVISION 9: FINISHES

9.1 REPAIR EXIST. INTERIOR PORTLAND CEMENT PLASTER, MATCH AND ALIGN WITH ADJACENT SURFACES.
9.2 NEW 7/8" THICK INTERIOR CEMENT PLASTER FINISH OVER PAPER BACKED LATH. SEE SPECS.
9.3 NEW CER. TILE BASE AND FLOOR. SEE SPECS & DET. 2/A-8.2.
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9.5 NEW CERAMIC TILE WAINSCOT. SEE SPECS AND DET. 1/A-8.2
9.6 PATCH EXISTING CER. TILE WAINSCOT AS REQUIRED. MATCH MATERIAL AND PATTERN WITH ADJACENT EXISTING SURFACES. JOINT TO JOINT. WALL CORNER TO WALL CORNER.
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9.8 PAINT ALL EXTERIOR DOORS. COLOR AS PER COLOR BOARD. LOCATED AT DISTRICT'S OFFICE. VERIFY COLOR BOARD NUMBER.
9.9 STAIN INTERIOR DOOR SURFACES. SEE SPECS.
9.10 PAINT - SEE FINISH SCHEDULE OF SHT A-7.1 AND SPECS.
9.11 NEW CARPET PER SPECS.
9.12 (N) 6" HT RESILIENT BASE PER SPECS.
9.13 (N) V.C.T. FLOOR PER SPECS.

DIVISION 10: SPECIALTIES

10.1 INSTALL NEW SOLID PLASTIC TOILET PARTITIONS.
10.2 PROVIDE DOOR SIGNAGE. ON RESTROOM DOORS SEE DET. 6/A-1.3
10.3 PROVIDE POLE MOUNTED VEHICULAR ACCESSIBILITY SIGN. AT PARKING ENTRANCES. DET. 8/A-1.2
10.4 PROVIDE VEHICULAR SITE SIGNAGE: ACCESSIBLE PARKING SIGN AT STALLS. DETAIL: 5/A-1.2
10.5 SURFACE MOUNTED SIGN PER SIGNAGE DETAIL: 13/A-1.3 AND SIGN SCHEDULE OF SHT. A-1.1 .
10.6 SIGN READING: 'FIRE EXTINGUISHER INSIDE'
10.7 NEW WALL MOUNTED FIRE EXTINGUISHER ABC TYPE, INCLUDING WALL MOUNTING BRACKETS. DET: 19/A-8.2
10.8 INSTALL NEW OR REINSTALL EXIST. 36" LONG GRAB BAR WITH WALL MOUNTING BRACKETS & BACKING PLATES. DETAILS: 7/A-1.3 & 8/A-1.3
10.9 INSTALL NEW OR REINSTALL EXISTING 48" LONG GRAB BAR WITH WALL MOUNTING BRACKETS & BACKING PLATES. DETAILS: 7/A-1.3 & 8/A-1.3
10.10 NEW MIRROR, MIRRORED STAINLESS STEEL. DET: 20/A-1.3
10.11 POWDERED SOAP DISPENSER. FURNISHED & INSTALLED BY OWNER.
10.12 PAPER TOWEL DISPENSER FURNISHED & INSTALLED BY OWNER. CONTRACTOR TO PROVIDE BACKINGS.
10.13 TOILET TISSUE DISPENSER FURNISHED AND INSTALLED BY OWNER.
W/MAX 3" ENCHROACHING FROM WALL FINISH SURFACES, AND NO CLOSER THAN ONE AND ONE-HALF INCHES TO THE TANGENT POINT OF THE GRAB BAR.
10.14 NEW MARKERBOARD PER SPECS AND DETAIL: 17/A-8.2.
10.15 NEW TACKBOARD PER SPECS AND DETAIL: 18/A-8.2.
10.16 SIGNAGE FOR 'NON ACCESSIBLE EXIT' AT REAR DOOR OF EACH CLASSROOM PER DET. 10/A-1.2

SECTION 15: MECHANICAL

15.1 NEW OR REMOUNT EXISTING LAVATORY AS REQUIRED.
15.2 NEW TOILET
15.3 NEW WALL MOUNTED URINAL.
15.4 NEW SINK.
15.5 NOT USED
15.6 INSTALL ACCESSIBLE DRINKING FOUNTAIN W/RAILINGS.
15.7 INSTALL (N) DUAL HEIGHT ACCESS. DRINKING FOUNTAIN. SEE NOTE NO. 2 ON 2/A-1.3

DIVISION 16: ELECTRICAL

16.1 CONTINUOUS ELECTRIC PLUG MOLD PER ELEC. DRAWINGS.
16.2 NEW ILLUMINATED EXIT SIGN. SEE ELECTRICAL.
16.3 NEW 2'X4' SURFACE MOUNTED LIGHTS. SEE ELECTRICAL.
16.4 CLEAN EXISTING LENS, FIXTURE CAN AND RELAMP WITH NEW AT SOFFIT.

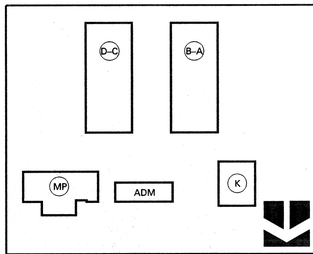
LEGEND:

FE / D — LOCATION OF NEW (N) OR EXISTING (E) FIRE EXTINGUISHER & SIGN. MOUNTING HEIGHT TO BE 48" A.F.F. TO THE HANDLE

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1 SIGNAGE SYMBOL (X)
2. FOR SIGNAGE LOCATION @ ACCESSIBLE TOILETS SEE ENLARGED FLOOR PLANS ON DWG. A-3.1 & A-3.2
3. ENSURE ELECTRICAL OUTLETS ARE REMOVED FROM COUNTERTOP BACKSPLASH AND REINSTALLED ABOVE BACKSPLASH.
4. PROVIDE NEW GLAZING FOR APPROXIMATELY 80% OF EXISTING WINDOWS. REPLACE ALL PLEXIGLASS WINDOW PANES AND ANY DAMAGED GLASS WINDOW PANES. WHERE TINTED, NEW TINT COLOR WILL MATCH THE PREDOMINANT TINT COLOR OF EACH BUILDING.
5. REPLACE ALL PLEXIGLASS WINDOW PANES AND ANY DAMAGED GLASS WINDOW PANES. TYPICAL THROUGHOUT THIS SCHOOL.

REFER TO SHT. D-2.1 FOR DEMO KEY NOTES AND TO SHT. A-2.1 FOR CONSTRUCTION (XX) KEY NOTES



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

DSA PLAN REVIEW SUBMITTAL					
11-10-99	12-21-00	01/11/01	02/02/01	02/09/01	3
	Q.C. REVISIONS	BID SET ISSUED	ADDENDUM # 2 ISSUED	ADDENDUM # 3 ISSUED	

FILE: ra\1998-092\cad-3\ad#2\a20iad3.dgn
DATE: 07-FEB-2001 TIME: 15:46

NTD
ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Austin

LICENSED ARCHITECT — RAYMOND L. TITLE — NO. C-25000 — REN. 11-30-01 — STATE OF CALIFORNIA

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

FLOOR PLANS – A-B & C-D BLDGS.

DATE 12/21/00
JOB NO. 1998092
DRAWN MF
CHECKED DB/LH

SHEET OF
AD3-04
(A-2.1)
REFERENCE

DATE: 07-FEB-2001 TIME: 15:56
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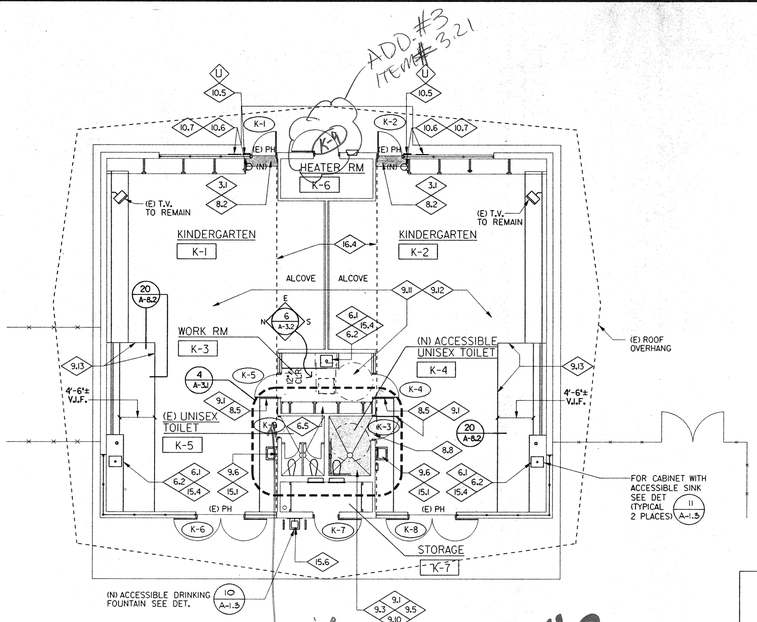


FIRE EXTINGUISHER NOTE:

EVERY ROOM SHALL BE PROVIDED WITH A MINIMUM OF (1) FIRE EXTINGUISHER AND SHALL BE WITHIN 75' OF ANY POINT IN ROOM (TYPICAL)
(RE: N.F.P.A. #10, C.F.C. AND TITLE 19, C.C.R.)

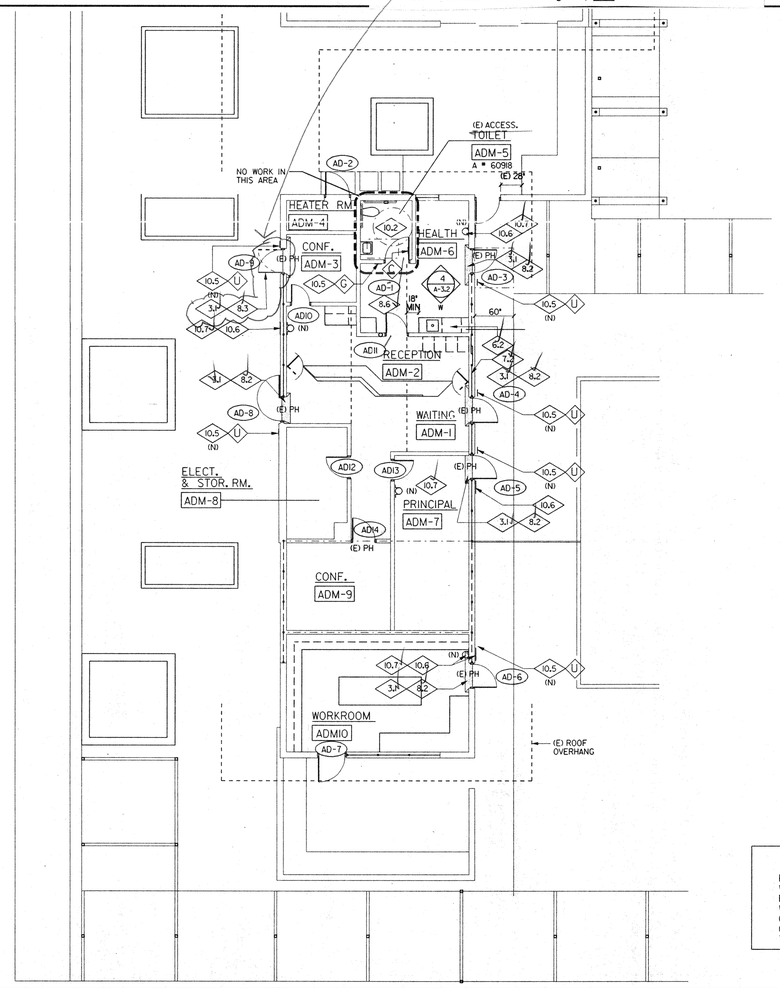
3.21 SHEET A-2.2 - FLOOR PLANS - ADMIN & KINDERGARTEN BLDGS.

25. At Admin. Bldg., Conference Room ADM-3, door AD-9 swing stays as is. CHANGE Keynote from '8.3' to read "8.2".

26. At Heater Room at Kindergarten, ADD Door No. "K-9" to door.

KINDERGARTEN BUILDING – "K"

SCALE 1/8" = 1'-0" (1)



VCT. = ADM - 6, 8, 10
Carpet - all others

FIRE EXTINGUISHER NOTE:

EVERY ROOM SHALL BE PROVIDED WITH A MINIMUM OF (1) FIRE EXTINGUISHER AND SHALL BE WITHIN 75' OF ANY POINT IN ROOM (TYPICAL)
(RE: N.F.P.A. #10, C.F.C. AND TITLE 19, C.C.R.)

ADMINISTRATION BUILDING

SCALE 1/8" = 1'-0" (2)

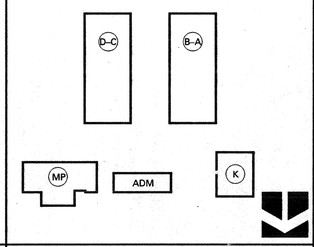
LEGEND:

FE LOCATION OF NEW (N) OR EXISTING (E) FIRE EXTINGUISHER & SIGN. MOUNTING HEIGHT TO BE 48" A.F.F. TO THE HANDLE

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1 SIGNAGE SYMBOL X
2. FOR SIGNAGE LOCATION @ ACCESSIBLE TOILETS SEE ENLARGED FLOOR PLANS ON DWG. A-3.1& A-3.2
3. ENSURE ELECTRICAL OUTLETS ARE REMOVED FROM COUNTERTOP BACKSPLASH AND REINSTALLED ABOVE BACKSPLASH.
4. PROVIDE NEW GLAZING FOR APPROXIMATELY 80% OF EXISTING WINDOWS. REPLACE ALL PLEXIGLASS WINDOW PANES AND ANY DAMAGED GLASS WINDOW PANES. WHERE TINTED, NEW TINT COLOR WILL MATCH THE PREDOMINANT TINT COLOR OF EACH BUILDING.

REFER TO SHT. D-2.1 FOR DEMO KEY NOTES AND TO SHT. A-2.1 FOR CONSTRUCTION KEY NOTES



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL
01-02-01	BID SET ISSUED

FILE: n:\1998-0192\8192a202.dgn
DATE: 03-JAN-2001 TIME: 17:12

LICENSED ARCHITECT JAY R. TITTLE NO. 12955 REN. 11-30-01 STATE OF CALIFORNIA

NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

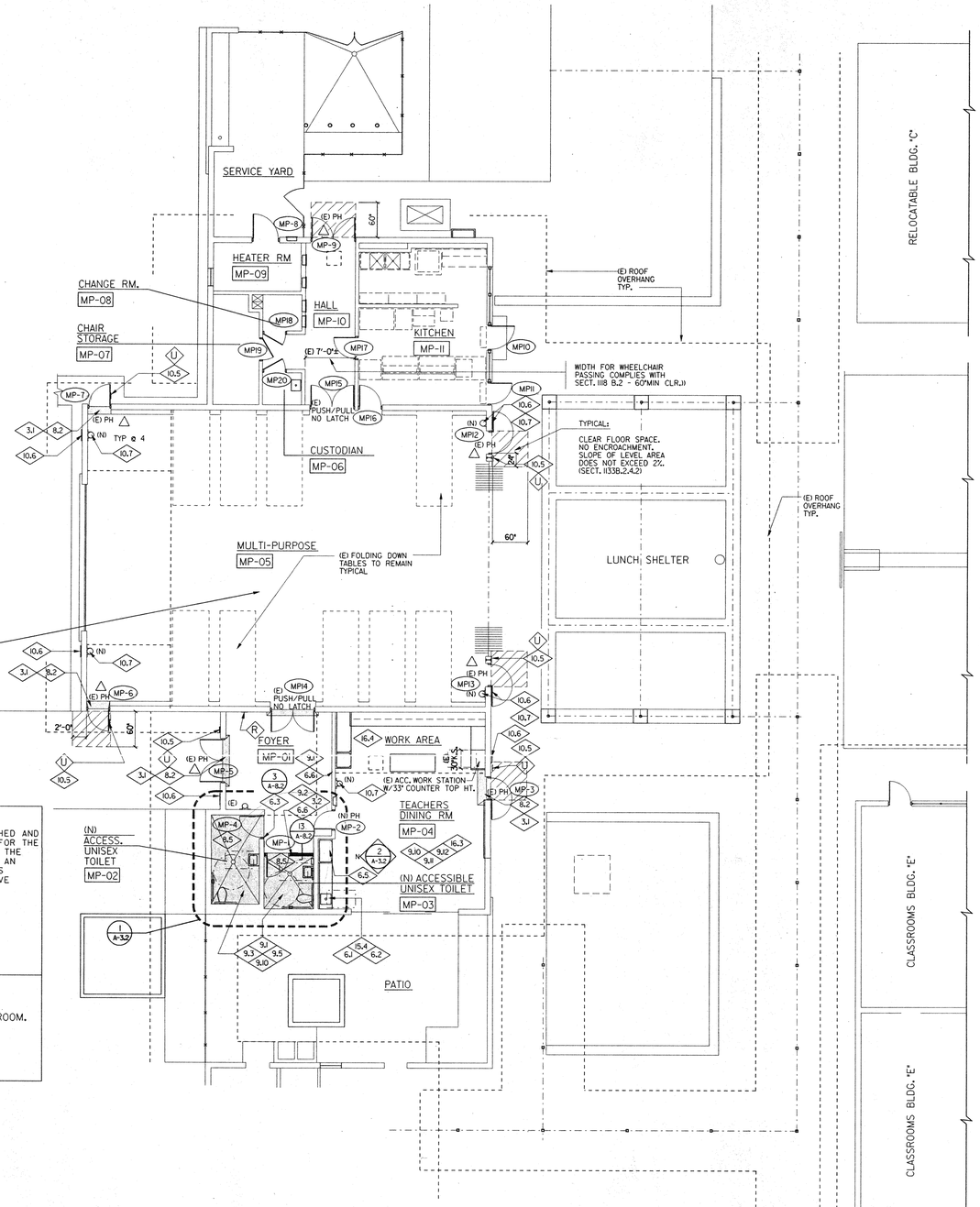
ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA
FLOOR PLANS – ADMIN. & KINDERGARTEN BLDGS.

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

SHEET OF

A-2.2

DATE: 03-JAN-2001 TIME: 17:12
FILE: n:\1998-0192\8192a202.dgn



ASSISTIVE LISTENING SYSTEM:

PROVIDE A COMPLETE ASSISTIVE LISTENING SYSTEM FURNISHED AND INSTALLED TO MEET THE ADA AND TITLE 24 REQUIREMENTS FOR THE HARD-OF-HEARING. THE SYSTEM SHALL BE INTEGRATED INTO THE SOUND REINFORCEMENT SYSTEM. MOUNT THE TRANSMITTER IN AN AREA ADJACENT TO THE EXISTING SOUND SYSTEM. ADJUST AS REQUIRED FOR TOTAL COVERAGE OF SEATING AREA. ASSISTIVE LISTENING SYSTEM SHALL INCLUDE:

1. (1) TRANSMITTER - TELEX MODEL AA-2
2. (11) RECEIVERS - TLEX AAR-10
3. (11) EAR BUD SETS - TELEX SEB-1
4. (1) ANTENNA - TELEX HOA - FOR INTERIOR SPACE.

SEE DETAIL 3/A-1.3 FOR SIGN.

PROVIDE ROOM CAPACITY SIGN PER C.B.C. SECTION 1007.2.6 PLACED IN A CONSPICIOUS PLACE ON AN APPROVED SIGN NEAR THE MAIN EXIT OR EXIT ACCESS-DOORWAY FROM THE ROOM. SIGN SHALL INDICATE THAT, "MAXIMUM OF 341 OCCUPANT PERMITTED IN M/P ROOM". NO PESON SHALL DEFACE OR REMOVE SUCH SIGNS EXCEPT AS AUTHORIZED BY THE ENFORCING AGENCY.

FIRE EXTINGUISHER NOTE:

EVERY ROOM SHALL BE PROVIDED WITH A MINIMUM OF (1) FIRE EXTINGUISHER AND SHALL BE WITHIN 75' OF ANY POINT IN ROOM (TYPICAL) (REF. N.F.P.A. #10, C.F.C. AND TITLE 19, C.C.R.)

LEGEND:

FE — LOCATION OF NEW (N) OR EXISTING (E) FIRE EXTINGUISHER & SIGN +48" A.F.F. TO THE HANDLE..

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1 SIGNAGE SYMBOL (X)
2. FOR SIGNAGE LOCATION @ ACCESSIBLE TOILETS SEE ENLARGED FLOOR PLANS ON DWG. A-3.1 & A-3.2
3. △ EXISTING ACCESSIBLE 3'-0" X 7'-0" DOOR:
   - WITH 34" CLEAR OPENING;
   - LESS THAN ½" VERT. HEIGHT AT THRESHOLD;
   - EXIT DEVICE @ 40" FROM BOT. OF DOOR TO ℄ OF PAD;
   - ANTI VANDAL TRIM AT 42" FROM BOT. OF DR. TO ℄ OF PULL;
   - 10" KICK PLATE AT BOTTOM;
   - LOCK 40-5/16" FROM F.F.L. TO THE ℄ OF LEVER;
   - STOP AND HOLDER.
4. ENSURE ELECTRICAL OUTLETS ARE REMOVED FROM COUNTERTOP BACKSPLASH AND REINSTALLED ABOVE BACKSPLASH.
5. PROVIDE NEW GLAZING FOR APPROXIMATELY 80% OF EXISTING WINDOWS. REPLACE ALL PLEXIGLASS WINDOW PANES AND ANY DAMAGED GLASS WINDOW PANES. WHERE TINTED, NEW TINT COLOR WILL MATCH THE PREDOMINANT TINT COLOR OF EACH BUILDING.

ADD #3

3.22 SHEET A-2.3 - FLOOR PLAN - MULTI-PURPOSE BLDG.

27. ADD note to read as follows:

5. "New laminated plastic at interior walls at MP-05."

ADD #3 NOTE 5.

REFER TO SHT. D-2.1 FOR DEMO □ KEY NOTES AND TO SHT. A-2.1 FOR CONSTRUCTION ◇ KEY NOTES

KEY PLAN

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DATE ____

SCALE ⅛" = 1'-0"

MULTI – PURPOSE – BUILDING

11-10-99	DSA PLAN REVIEW SUBMITTAL
01-02-06	BID SET ISSUED

FILE: n:\1998-092\1892x2003.dgn
DATE: 09-JAN-2006 TIME: 13:45

LICENSED ARCHITECT ★ LAURA R. TITTLE ★ No. 12056 REN. 11-30-07 ★ STATE OF CALIFORNIA

NTD ARCHITECTS
20215 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA
FLOOR PLAN – MULTI – PURPOSE BLDG.

DATE	12/27/00
JOB NO.	1998092
DRAWN	MF
CHECKED	DB/LH

SHEET A-2.3 OF

DATE: 09-JAN-2006 TIME: 13:45
FILE: n:\1998-092\1892x2003.dgn

3.23. SHEET A-3.1 - ENLARGED TOILET FLOOR PLANS & INTERIOR ELEVATIONS

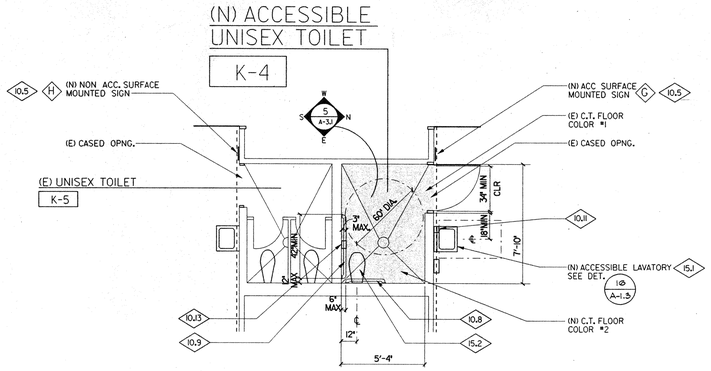
28. At Detail 1, CHANGE door swing into bldg. from outside.

29. At Detail 3, CHANGE door swing from outside to inside bldg.

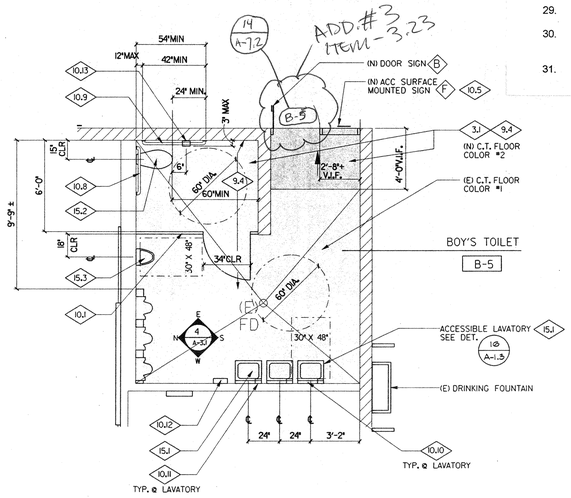
30. At No. 1, at Exterior Door C-5, ADD Detail reference "14/A-7.2" to floor.

31. At No. 3, at Exterior Door B-5, ADD Detail reference "14/A-7.2" to floor.

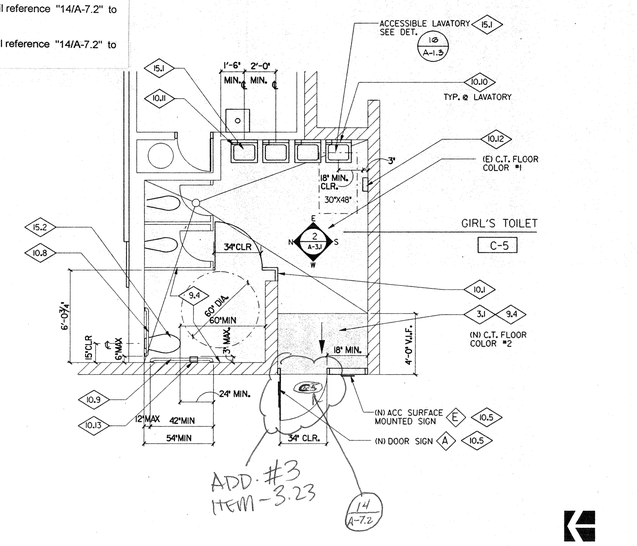
ADD. #3 ITEM-3.23



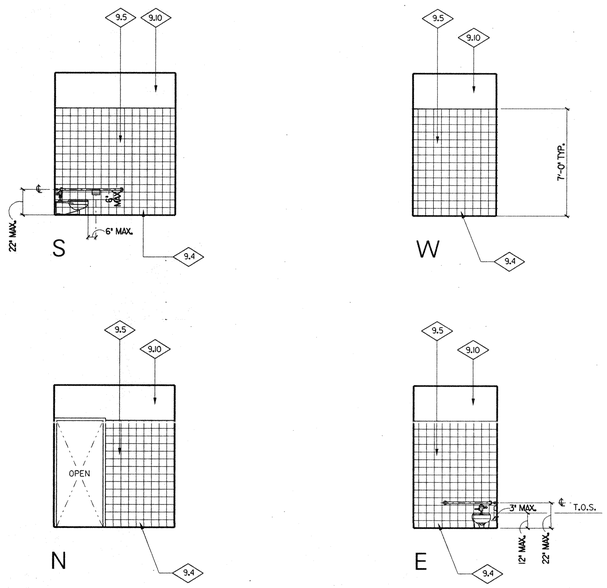
ENLARGED TOILET PLAN – RM. # K–4 – BLDG. "K" | SCALE 1/4" = 1'-0" | 4



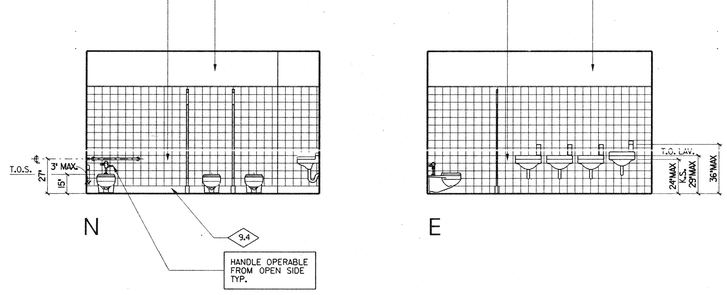
ENLARGED TOILET PLAN – BOYS TOILET B–5 – BLDG "A–B" | SCALE 1/4" = 1'-0" | 3



ENLARGED TOILET PLAN – GIRLS TOILET C–5 – BLDG. "C–D" | SCALE 1/4" = 1'-0" | 1



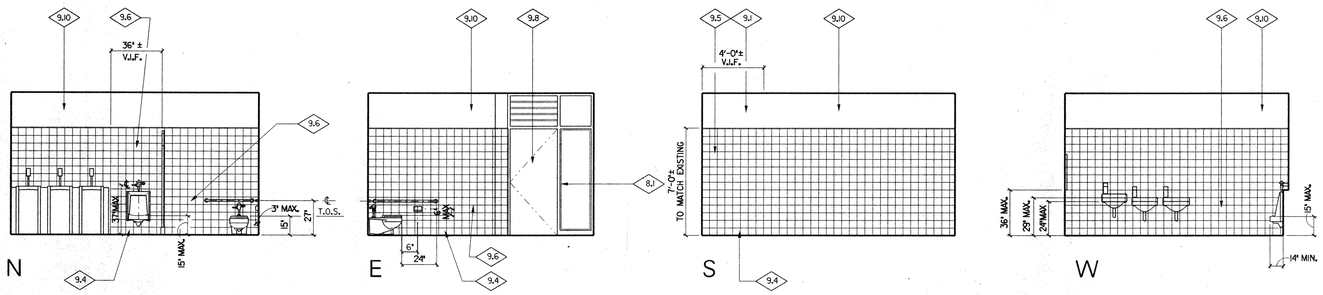
INTERIOR ELEVATIONS – RM K–4 – BLDG. "K" | SCALE 1/4" = 1'-0" | 5



INTERIOR ELEVATIONS – GIRLS TOILET C–5 – BLDG. "C–D" | SCALE 1/4" = 1'-0" | 2

TYP. NOTE:

FIELD VERIFY AREAS FOR C.T. WAINSCOT REMOVAL & REPLACEMENT DUE TO (N) TOILET ACCESSORIES OR FIXTURES INSTALLATION.

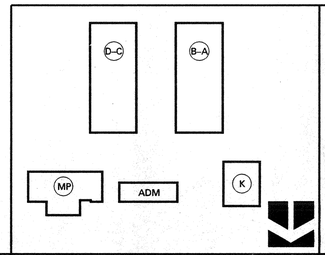


INTERIOR ELEVATIONS – BOYS TOILET B–5 – BLDG "A–B" | SCALE 1/4" = 1'-0" | 4

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1
   SIGNAGE SYMBOL (K)
2. FOR ACCESSIBLE FIXTURE MOUNTING HEIGHTS SEE DET. 1 & 19 ON SHT. A-1.3
3. FOR TOILET ACCESSORIES ENCROACHMENT SEE DET. 4/A-1.3

REFER TO SHT. D–2.1 FOR DEMO KEY NOTES AND TO SHT. A–2.1 FOR CONSTRUCTION KEY NOTES



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC. FLS. SS.
DATE

DSA APPROVAL

DSA PLAN REVIEW SUBMITTAL	BID SET ISSUED
11-10-99	01-02-00

FILE: n:\1998-092-8920a30u.dgn
DATE: 09-JAN-2001 TIME: 13:51

LICENSED ARCHITECT ★ TITLE ★ NO. 12555 REN. 11-30-01 ★ STATE OF CALIFORNIA

NTD ARCHITECTS
2035 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

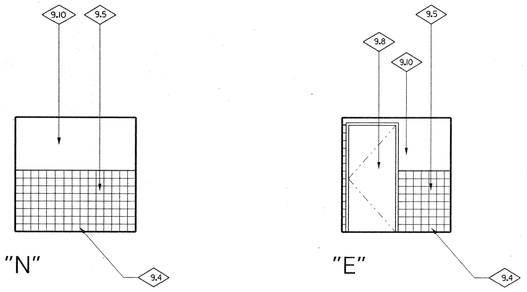
ENLARGED TOILET FLOOR PLANS & INT. ELEVATIONS

DATE	JOB NO.	DRAWN	CHECKED
12/27/00	1998092	MF	DB/LH

SHEET OF

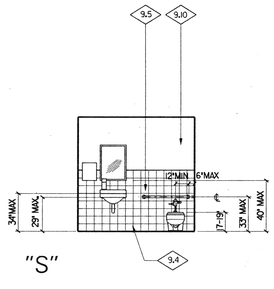
A-3.1

DATES: 09-JAN-2001 TIME: 13:51
FILES: n:\1998-092-8920a30u.dgn

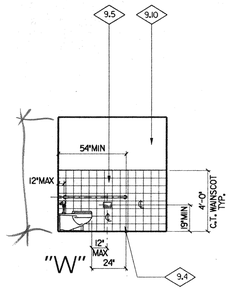


"N"

"E"

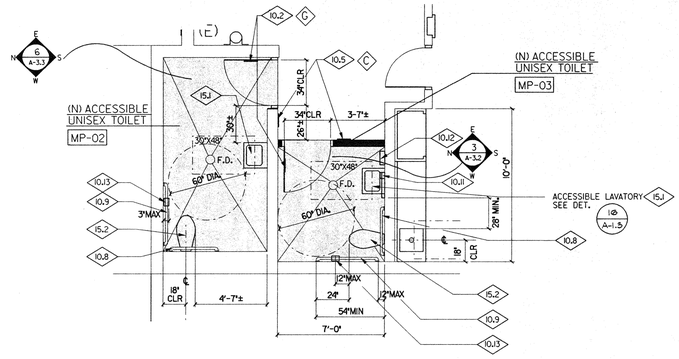


"S"

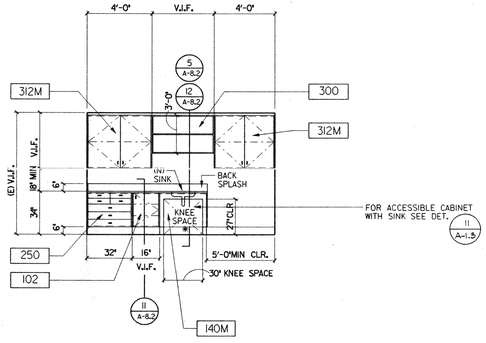


"W"

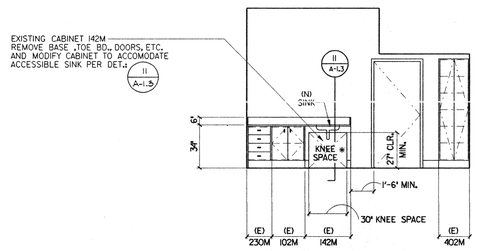
INTERIOR ELEVATIONS – RM. # MP–03 | SCALE 1/4" = 1'-0" | 3



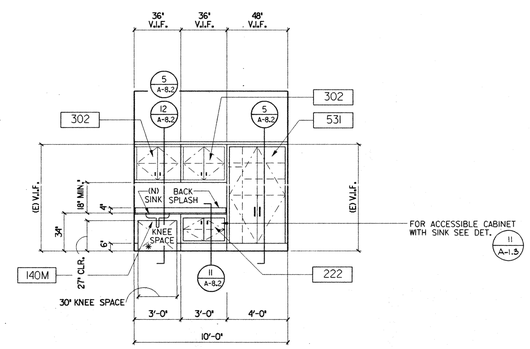
ENLARGED TOILET PLAN – RM. # MP–02 & # MP–03 | SCALE 1/4" = 1'-0" | 1



"E"



"W"

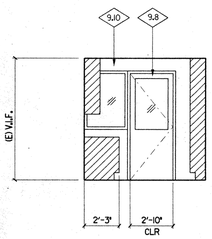


"N"

INTERIOR ELEVATION – RM. # K–3 | SCALE 1/4" = 1'-0" | 5

INTERIOR ELEVATION – RM. # ADM–6 | SCALE 1/4" = 1'-0" | 4

INTERIOR ELEVATION – RM. # MP–04 | SCALE 1/4" = 1'-0" | 2



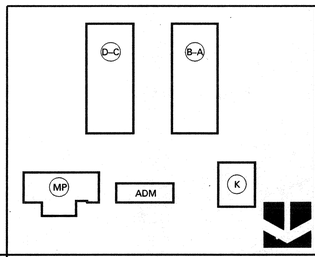
"S" , "N" OPPOSITE HAND

INTERIOR ELEVATION – RM. # K–3 | SCALE 1/4" = 1'-0" | 6

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1
   SIGNAGE SYMBOL ◇X◇
2. FOR ACCESSIBLE FIXTURE MOUNTING HEIGHTS SEE DET. 1 & 19 ON SHT. A-1.3
3. FOR TOILET ACCESSORIES ENCROACHMENT SEE DET. 4/A-1.3

REFER TO SHT. D–2.1 FOR DEMO ▭ KEY NOTES AND TO SHT. A–2.1 FOR CONSTRUCTION ◇ KEY NOTES



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL
01-02-01	BID SET ISSUED

FILE: rs:\1998-092\1892x302.dgn
DATE: 09-JAN-2001 TIME: 15:07

LICENSED ARCHITECT * STATE OF CALIFORNIA * REN. 11-30-01 NO. 12055

NTD ARCHITECTS
2055 Financial Way, Suite 100, Glendora, CA 91741
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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

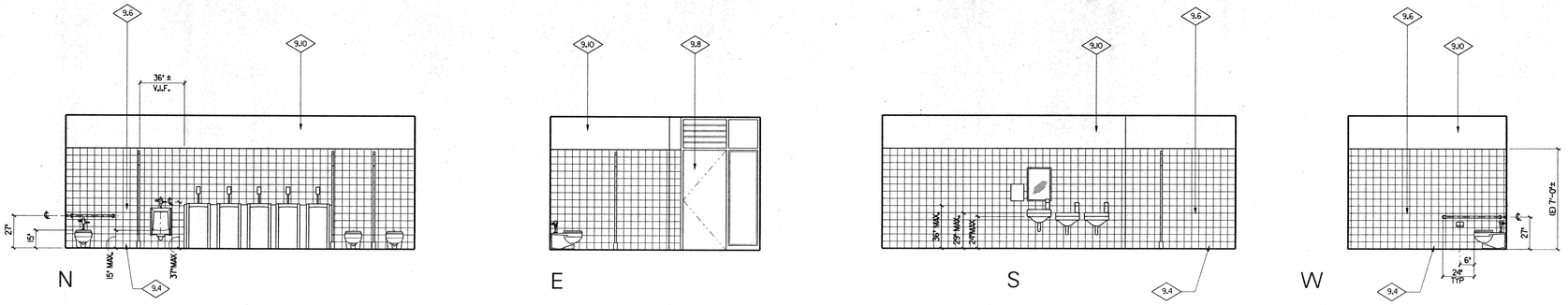
ENLARGED TOILET FLOOR PLAN & INT. ELEVATIONS

DATE	12/27/00
JOB NO.	19980192
DRAWN	MF
CHECKED	DB/LH

SHEET OF

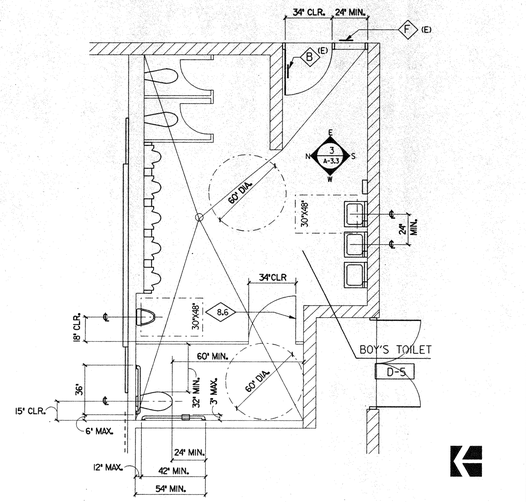
A-3.2

DATE: 09-JAN-2001 TIME: 15:07
FILE: rs:\1998-092\1892x302.dgn



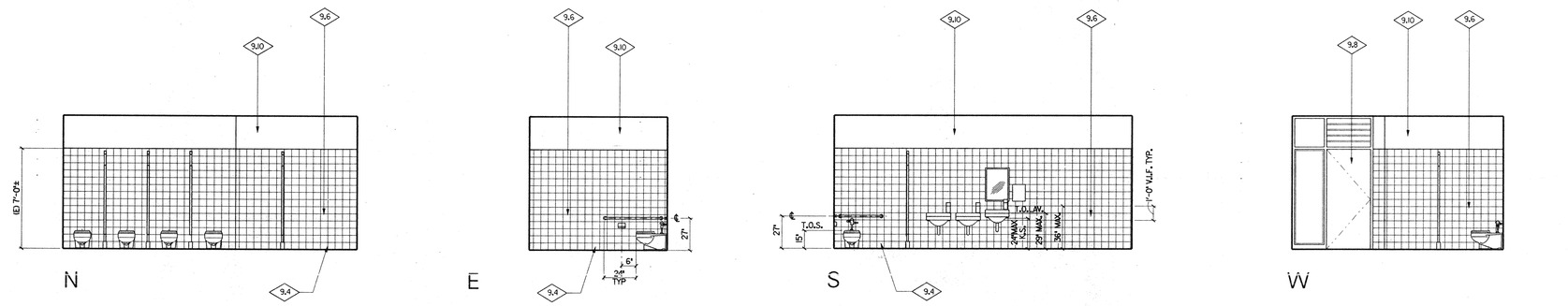
INTERIOR ELEVATIONS – (E) BOY'S TOILET D-5 TO REMAIN – BLDG "C-D"

SCALE 1/4" = 1'-0" (3)



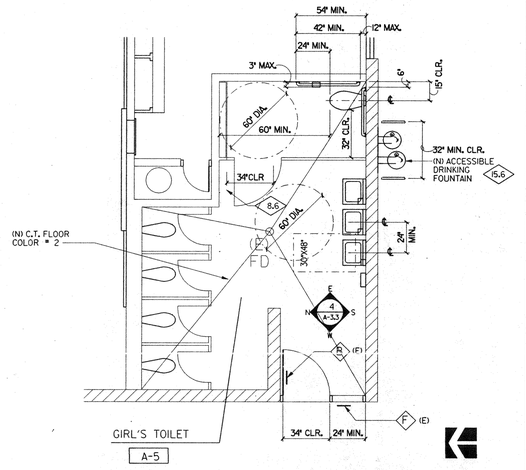
ENLARGED TOILET PLAN
BOY'S TOILET D-5 – BLDG. "C-D"

SCALE 1/4" = 1'-0" (1)



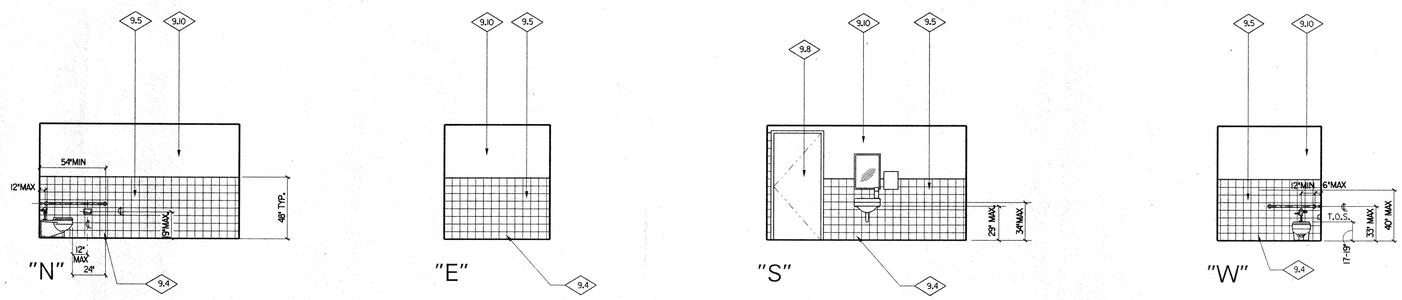
INTERIOR ELEVATIONS – (E) GIRL'S TOILET A-5 TO REMAIN – BLDG "A-B"

SCALE 1/4" = 1'-0" (4)



ENLARGED TOILET PLAN
GIRL'S TOILET A-5 – BLDG. "A-B"

SCALE 1/4" = 1'-0" (2)



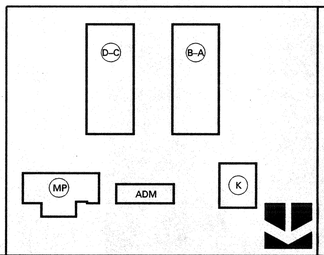
INTERIOR ELEVATIONS – UNISEX TOILET MP-02 – BLDG "MP"

SCALE 1/4" = 1'-0" (6)

NOTES:

1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1 SIGNAGE SYMBOL ◇X
2. FOR ACCESSIBLE FIXTURE MOUNTING HEIGHTS SEE DET. 1 & 19 ON SHT. A-1.3
3. FOR TOILET ACCESSORIES ENCROACHMENT SEE DET. 4/A-1.3

REFER TO SHT. D-2.1 FOR DEMO ▭ KEY NOTES AND TO SHT. A-2.1 FOR CONSTRUCTION ◇ KEY NOTES



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

11-10-99	DSA PLAN REVIEW SUBMITTAL
01-02-01	BID SET ISSUED

FILE: n:\998-0192\8192a303.dgn
DATE: 09-JAN-2001 TIME: 13:52

LICENSED ARCHITECT
JAY R. TITTLE
NO. 12955
REN. 11-30-01
STATE OF CALIFORNIA

NTD
ARCHITECTS
2015 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

ENLARGED TOILET FLOOR PLAN & INT. ELEVATIONS

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

SHEET OF

A-3.3

DATE: 09-JAN-2001 TIME: 13:52
FILE: n:\998-0192\8192a303.dgn

FINISH SCHEDULE

TYPICAL: ① ALL FINISHES ARE EXISTING UNLESS NOTED (N) NEW
② ALL PAINT COLOR PER APP.D COLOR BOARD

BLDG NO.	ROOM NO.	ROOM NAME	INTERIOR ELEV. REF.	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	WAINSCOT MAT.	WAINSCOT HT.	CEILING FINISH	CEILING HT.	REMARKS
A-B	A-1	RSP ROOM	-	-	-	-	-	-	-	-	-	-	-	
	A-2	CLASSROOM	1/A-8.1	CPTI	RBI	-	-	-	-	-	-	-	-	
	A-3	CLASSROOM	1/A-8.1	CPTI	RBI	-	-	-	-	-	-	-	-	
	A-4	CLASSROOM	1/A-8.1	CPTI	RBI	-	-	-	-	-	-	-	-	
	A-5	GIRL'S TOILET (N.I.C.)	-	-	-	-	-	-	-	-	-	-	-	
	A-6	CUSTODIAN STORAGE	-	-	-	-	-	-	-	-	-	-	-	
	A-7	OFFICE	-	-	-	-	-	-	-	-	-	-	-	
	A-8	OFFICE	-	-	-	-	-	-	-	-	-	-	-	
	B-1	LIBRARY	2/A-8.1	CPTI	RBI	-	-							
	B-2	CLASSROOM	1/A-8.1	CPTI	RBI	-	-							
	B-3	CLASSROOM	1/A-8.1	CPTI	RBI	-	-							
	B-4	CLASSROOM	1/A-8.1	CPTI	RBI	-	-							
	B-5	BOY'S TOILET	3/A-3.1	CTI	CTI	PI	PI	PI	PI	-	(E)	PI	(E)	
	B-6	OFFICE	-	-	-	-	-	-	-	-	-	-	-	
C-D	C-1	CLASSROOM	1/A-8.1	CPTI	RBI									
	C-2	CLASSROOM	1/A-8.1	CPTI	RBI									
	C-3	CLASSROOM	1/A-8.1	CPTI	RBI									
	C-4	SPECIAL ED. CLASSROOM	1/A-8.1	CPTI	RBI									
	C-5	GIRL'S TOILET	1/A-3.1	CTI	CTI	PI	PI	PI	PI	-	(E)	P4	(E)	
	(C-6)	CUSTODIAN STORAGE	-											
	C-7	OFFICE	-	-	-	-	-	-	-	-	-	-	-	
	D-1	CLASSROOM	1/A-8.1	CPTI	RBI									
	D-2	CLASSROOM	1/A-8.1	CPTI	RBI									
	D-3	CLASSROOM	1/A-8.1	CPTI	RBI									
	D-4	SPECIAL ED. CLASSROOM	1/A-8.1	CPTI	RBI									
	D-5	BOY'S TOILET (N.I.C.)	-	-	-	-	-	-	-	-	-	-	-	
	(D-6)	STORAGE	-	-	-	-	-	-	-	-	-	-	-	
K	K-1	KINDERGARTEN	-	VCTI	RBI	-	-	-	-	-	-	-	-	
	K-2	KINDERGARTEN	-	VCTI	RBI	-	-	-	-	-	-	-	-	
	K-3	WORK ROOM	-	VCTI	RBI	-	-	-	-	-	-	-	-	
	K-4	UNISEX TOILET	4/A-3.1	CTI	CTI	PI	PI	PI	PI	CTI	7'-0"	P4	(E)	
	K-5	UNISEX TOILET	-											
	(K-6)	HEATER ROOM	-	-	-	-	-	-	-	-	-	-	-	
	(K-7)	STORAGE	-	-	-	-	-	-	-	-	-	-	-	
ADM	ADM-1	WAITING ROOM	-											
	ADM-2	RECEPTION	-											
	ADM-3	CONFERENCE ROOM	-											
	(ADM-4)	HEATER ROOM	-											
	ADM-5	TOILET	-											
	ADM-6	HEALTH ROOM	-											
	ADM-7	PRINCIPAL	-											
	(ADM-8)	ELEC./STORAGE ROOM	-											
	ADM-9	CONFERENCE ROOM	-											
	ADM-10	WORKROOM	-											
MP	MP-1	FOYER	-							◇9.2	9.6			
	MP-2	UNISEX TOILET	6/A-3.3	CTI	CTI	PI	PI	PI	PI	CTI	4'-0"	P4	(E)	
	MP-3	UNISEX TOILET	1/A-3.2	CTI	CTI	PI	PI	PI	PI	CTI	4'-0"	P4	(E)	
	MP-4	TEACHERS DINING RM	-											
	MP-5	MULTIPURPOSE ROOM	-											
	MP-6	CUSTODIAN	-											
	MP-7	CHAIR STORAGE	-											
	MP-8	CHANGE ROOM	-											
	MP-9	HEATER RM.	-											
	MP-10	HALL	-											
	MP-11	KITCHEN	-	-	-	-	-	-	-	-	-	-	-	

NOTE:
BRACKETED ROOM NUMBERS I.E. (A-01) FOR REFERENCE ONLY. DO NOT USE FOR SIGNAGE.

DOOR SCHEDULE

ADD #3 ITEM 3.24

(E)/(N)	DOOR NO.	OPENING SIZE [A]	DOOR TYPE	DOOR MATL.	DOOR CORE	DOOR FIN.	DOOR GLASS	FRAME TYPE	FRAME MATL.	FRAME FIN.	OPN'G. LABEL	HDWR. GROUP	HEAD	JAMB	SILL	DOOR SIGN	A.V.T.	PANIC HDWR	REMARKS
(E)	A-1	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	A-2	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	A-3	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	A-4								(E)										(E) DOOR TO REMAIN
(E)	A-5								(E)										(E) DOOR TO REMAIN
(E)	A-6								(E)										(E) DOOR TO REMAIN
(E)	A-7								(E)										(E) DOOR TO REMAIN
(E)	A-8	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	A-9	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	A-10	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	A-11								(E)										(E) DOOR TO REMAIN
(E)	A-12								(E)										(E) DOOR TO REMAIN
(E)	A-13								(E)										(E) DOOR TO REMAIN
(E)	A-14								(E)										(E) DOOR TO REMAIN
(E)	B-1	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	B-2	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	B-3	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	B-4	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(N)	B-5	3'-0" X 7'-0" (VERIFY)	D	WD ~~HM~~	SC ~~HC~~	PI	-	3	HM (N)	PI	-	5	5&12/A-7.2	6/A-7.2	7/A-7.2	6b/A-1.3	YES	YES	SEE NOTE # 8
(E)	B-6								(E)										(E) DOOR TO REMAIN
(E)	B-7								(E)										(E) DOOR TO REMAIN
(E)	B-8								(E)										(E) DOOR TO REMAIN
(E)	B-9								(E)										(E) DOOR TO REMAIN
(E)	B-10								(E)										(E) DOOR TO REMAIN
(E)	C-1	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-2	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-3	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-4	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(N)	C-5	3'-0" X 7'-0" (VERIFY)	D	WD ~~HM~~	SC ~~HC~~	PI	-	3	HM (N)	PI	-	5	5&12/A-7.2	6/A-7.2	7/A-7.2	6a/A-1.3	YES	YES	SEE NOTE # 8
(E)	C-6	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-7	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-8	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-9	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	PI	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	C-10	3'-0" X 7'-0" PR	B	WD ~~HM~~	SC ~~HC~~	PI	-	2	(E)	PI	-	1	5/A-7.2	6/A-7.2	-	-	-	-	
(E)	C-11								(E)										(E) DOOR TO REMAIN
(E)	C-12								(E)										(E) DOOR TO REMAIN
(E)	C-13								(E)										(E) DOOR TO REMAIN
(E)	C-14								(E)										(E) DOOR TO REMAIN
(E)	D-1	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-2	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-3	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-4	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-5								(E)										(E) DOOR TO REMAIN
(E)	D-6	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-7	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-8	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-9	3'-0" X 7'-0"	A	WD	-	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	YES	YES	
(E)	D-10	3'-0" X 7'-0" PR	B	WD ~~HM~~	SC ~~HC~~	PI	-	2	(E)	PI	-		5/A-7.2	6/A-7.2	-	-	-	-	(E) DOOR TO REMAIN
(E)	K-1	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	-	-	
(E)	K-2	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	13/A-1.3	-	-	
(N)	K-3	3'-0" X 7'-0"	A	WD	SC	-	-	1	HM (E)	PI	-	15	1/A-7.2	3/A-7.2	2/A-7.2	6c/A-1.3	-	-	SEE NOTE # 9
(N)	K-4	3'-0" X 7'-0" (VERIFY)	C	WD	SC	PI	GL4	1	HM (E)	PI	-	20	1/A-7.2	3/A-7.2	2/A-7.2	6c/A-1.3	-	YES	
(N)	K-5	3'-0" X 7'-0" (VERIFY)	C	WD	SC	PI	GL4	1	HM (E)	PI	-	20	1/A-7.2	3/A-7.2	2/A-7.2	6c/A-1.3	-	YES	
(E)	K-6								(E)										(E) DOOR TO REMAIN
(E)	K-7								(E)										(E) DOOR TO REMAIN
(E)	K-8								(E)										(E) DOOR TO REMAIN
(E)	K-9								(E)										(E) DOOR TO REMAIN
(E)	AD-1								(E)							6c/A-1.3			(E) DOOR TO REMAIN
(E)	AD-2								(E)										(E) DOOR TO REMAIN
(E)	AD-3								(E)										(E) DOOR TO REMAIN
(E)	AD-4								(E)										(E) DOOR TO REMAIN
(E)	AD-5								(E)										(E) DOOR TO REMAIN
(E)	AD-6								(E)										(E) DOOR TO REMAIN
(E)	AD-7								(E)										(E) DOOR TO REMAIN
(E)	AD-8								(E)										(E) DOOR TO REMAIN
(E)	AD-9								(E)			1							REVERSE (E) SWING
(E)	AD-10								(E)										(E) DOOR TO REMAIN
(E)	AD-11								(E)										(E) DOOR TO REMAIN
(E)	AD-12								(E)										(E) DOOR TO REMAIN
(E)	AD-13								(E)										(E) DOOR TO REMAIN
(E)	AD-14								(E)										(E) DOOR TO REMAIN
(N)	MP-1	3'-0" X 7'-0" (VERIFY)	A1	WD	SC	PI	-	1	HM (E)	PI	-	10	1/A-7.2	3/A-7.2	2/A-7.2	6c/A-1.3	-	NO	
(E)	MP-2	3'-0" X 7'-0"	A	WD	SC	-	-	1	HM (E)	-	-	19	-	-	-	-	-	NO	
(E)	MP-3	3'-0" X 7'-0"	A	WD	SC	-	-	1A	HM (E)	-	-	1	-	-	7/A-7.2	-	(E)	(E)	
(N)	MP-4	3'-0" X 7'-0" (VERIFY)	A1	WD	SC	PI	-	1	HM (E)	PI	-	10	1/A-7.2	3/A-7.2	2/A-7.2	6c/A-1.3	-	NO	
(E)	MP-5								(E)										(E) DOOR TO REMAIN
(E)	MP-6								(E)							13/A-1.3			(E) DOOR TO REMAIN
(E)	MP-7								(E)							13/A-1.3			(E) DOOR TO REMAIN
(E)	MP-8								(E)										(E) DOOR TO REMAIN
(E)	MP-9								(E)										(E) DOOR TO REMAIN
(E)	MP-10								(E)										(E) DOOR TO REMAIN
(E)	MP-11								(E)										(E) DOOR TO REMAIN
(E)	MP-12								(E)										(E) DOOR TO REMAIN
(E)	MP-13								(E)										(E) DOOR TO REMAIN
(E)	MP-14								(E)										(E) DOOR TO REMAIN
(E)	MP-15								(E)										(E) DOOR TO REMAIN
(E)	MP-16								(E)										(E) DOOR TO REMAIN
(E)	MP-17								(E)										(E) DOOR TO REMAIN
(E)	MP-18								(E)										(E) DOOR TO REMAIN
(E)	MP-19								(E)										(E) DOOR TO REMAIN
(E)	MP-20								(E)										(E) DOOR TO REMAIN
(E)	G-1	PR 3'-0" X 6'-0"+	B	(E) CLF					(E) MET.									YES	
(E)	G-2	3'-0" X 6'-0"+	A	(E) CLF					(E) MET.									YES	
(E)	G-3	3'-0" X 6'-0"+	A	(E) CLF					(E) MET.									YES	

CORE TYPES

SC SOLID CORE
HC HOLLOW CORE
IC INSULATED CORE
MC MINERAL CORE

FINISHES

PI SEMI-GLOSS PAINT
STI SEMI-TRANSPARENT STAIN
PF PREFINISHED
P4 NON-BRIDGING PAINT

GLASS /INFILL PANEL TYPES

GL4 1/4" WIRE GLASS
GL2 1/4" CLEAR U.L. LISTED
GL3 1/4" TEMP. CLEAR

DOOR SCHEDULE KEY

[1] PROVIDE MAGNETIC STRIKE
[2] VERIFY IN FIELD DOOR OPENING SIZE
[3] REPAIR LOUVER ABV AND PROVIDE B. SCREEN
[4] PROVIDE NEW LOCKS AND HDWR.
[5] REPAIR FRAME @ STRIKE
[6] REPLACE LOUVER
[7] PROVIDE 24" X 12" LOUVER
[8] PROVIDE ACCESSIBLE TOILET SIGNAGE PER DET. 2/A-1.3 & DET. 6/A-1.3
[9] WIDEN DOOR OPNG PER DET. 3 & 10 ON SHT. A-9.1 AND PROVIDE NEW DOOR
[10] REVERSE DOOR SWING

REF. NOTES

[A] ALL DOORS ARE 1-3/4" THICK UNLESS NOTED OTHERWISE.

FINISH SCHEDULE KEY

FLOOR
CPTI CARPET
CPT2 CARPET
CTI CERAMIC TILE
VCTI VINYL COMPOSITION TILE
WDI WOOD FLOORING
CS2 SEALER/HARDENER ON (NEW) CONCRETE FLOOR

BASE
RBI RUBBER BASE
CTI CERAMIC TILE
WBI WOOD BASE
CB CONCRETE

WALL
PCP PORTLAND CEMENT PLASTER
HWD HARDWD PANEL OVER STRIPPING
CTI CERAMIC TILE
VF VINYL OVER TACKBOARD
ACT ACOUSTICAL TILE OVER GYP. BD. & STRIPPING

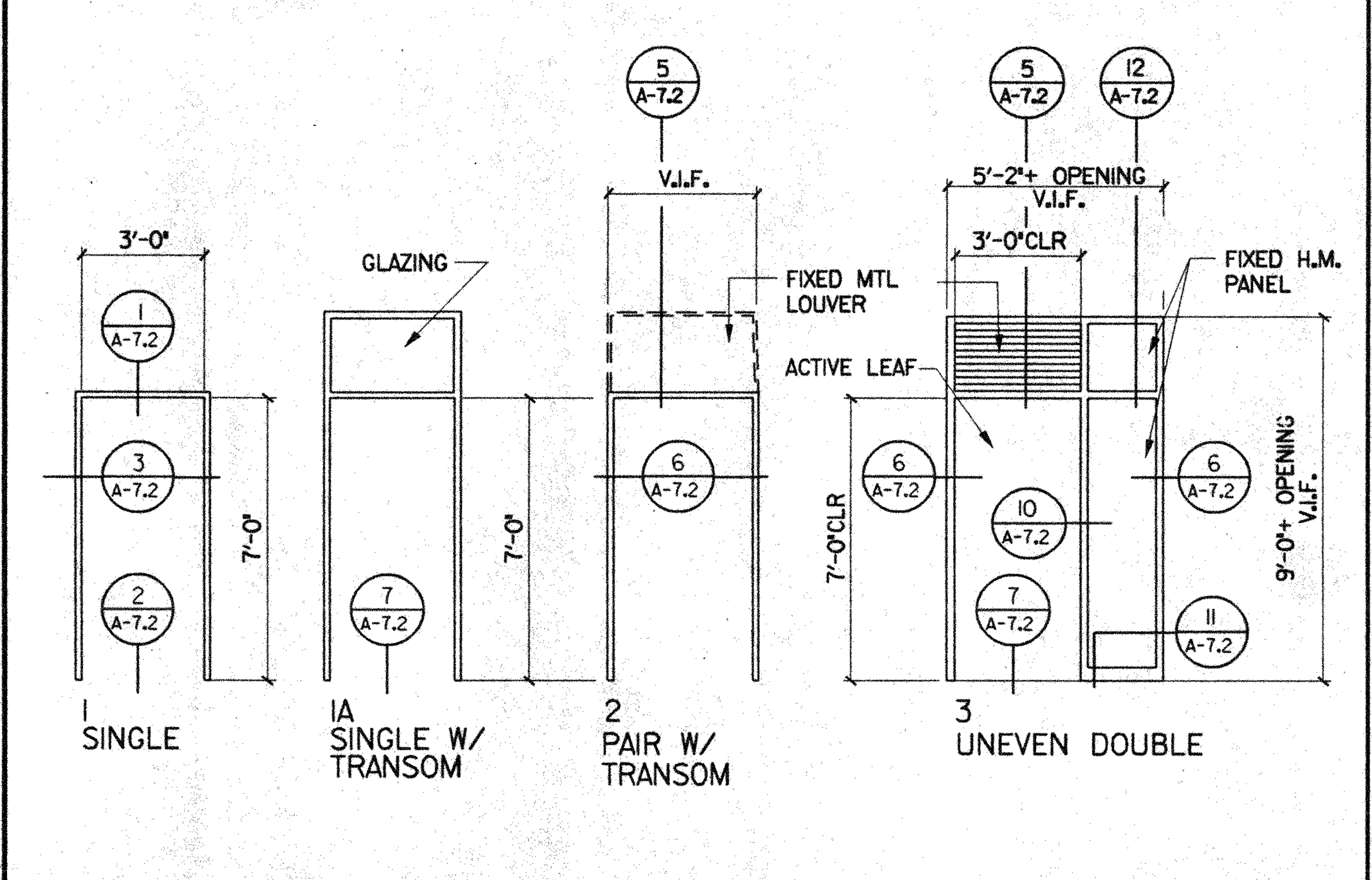
WAINSCOT
CTI CERAMIC TILE

CEILING
ACTI ACOUSTICAL TILE OVER GYP. BD.
ACPI ACOUSTICAL PANEL
GB GYP. BD.
PCP3 PORTLAND CEMENT PLASTER - SMOOTH TROWEL
EXP EXPOSED STRUCTURE
UNF UNFINISHED

GENERAL NOTE: SEE SPECIFICATIONS FOR NOMENCLATURE.

SIGNAGE SCHEDULE NOTES

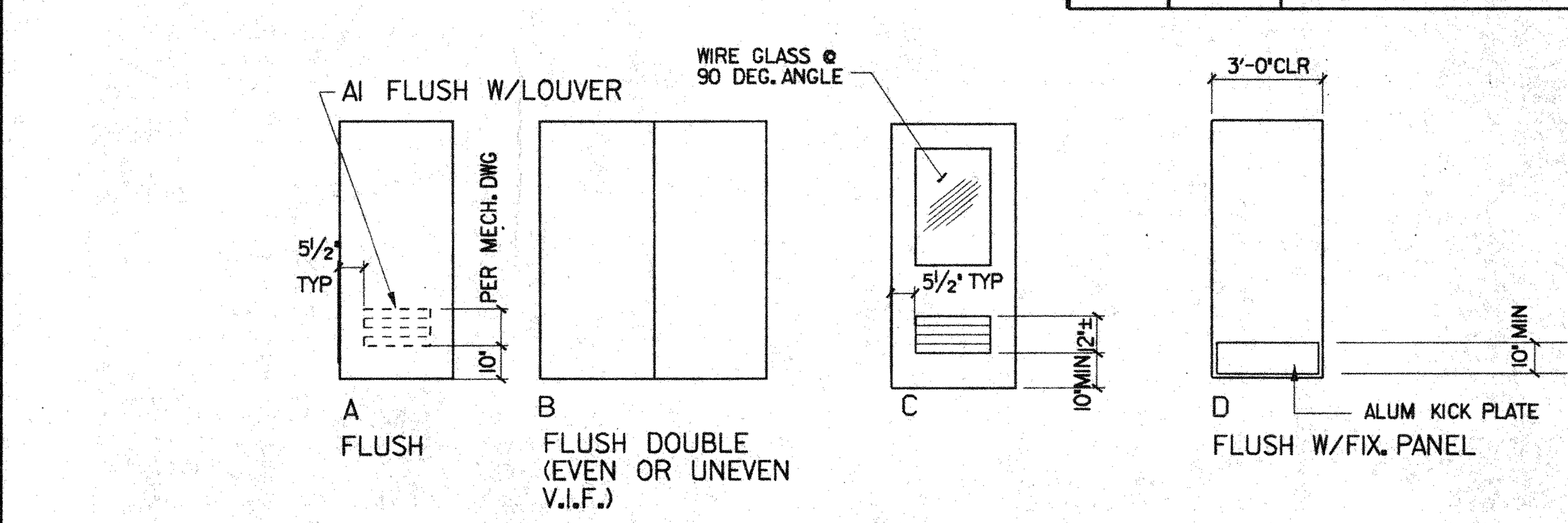
1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1
2. FOR SIGNAGE LOCATION @ ACCESSIBLE TOILETS SEE ENLARGED FLOOR PLANS ON DWG. A-3.1



FRAME TYPES SCALE: 1/4"=1'-0"

ADD #3

3.24 SHEET A-7.1 - DOOR, WINDOW, & FINISH SCHEDULES
32. At Door Schedule, At Doors 'B-5', 'C-5', 'C-10', and 'D-10', CHANGE from 'H.M.' to read "wood" and CHANGE 'metal' to read "solid core".



DOOR TYPES SCALE: 1/4"=1'-0"

NOTES:
1. FOR SIGNAGE SCHEDULE SEE DWG. A-1.1 SIGNAGE SYMBOL ◇X
2. FOR SIGNAGE LOCATION @ ACCESSIBLE TOILETS SEE ENLARGED FLOOR PLANS ON DWG. A-3.1 & A-3.2
3. ALL FINISHES SHALL COMPLY WITH C.B.C., C.F.C. AND TITLE 19 C.C.R..

REFER TO SHT. D-2.1 FOR DEMO ▭ KEY NOTES AND TO SHT. A-2.1 FOR CONSTRUCTION ◇ KEY NOTES

ADD #3 ITEM 3.24

33. Under Door Schedule Keynotes, ADD Keynote 12 to read as follows:
"12. Paint all exterior doors."

34. ADD General Notes 1 and 2 to read as follows:
"1. DELETE all reference of muriatic acid washing of brick and sealing of brick after wash.
"2. Elevations and Construction Notes shall take precedence over the Finish Schedule."

35. ADD 22" x 12" louver to Doors MP-1 and MP-4.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

LICENSED ARCHITECT JAY R. TITTLE NO. 12955 REN. 11-30-01 STATE OF CALIFORNIA

11-10-99	DSA PLAN REVIEW SUBMITTAL
01-02-01	BID SET ISSUED

FILE: n:\998-0192\8192a701.dgn DATE: 09-JAN-2001 TIME: 13:54

NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA
DOOR, WINDOW & FINISH SCHEDULES

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

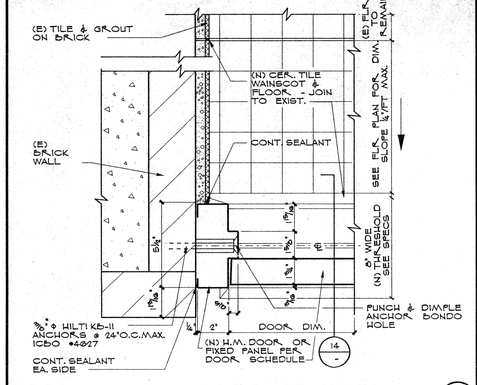
SHEET OF
A-7.1

DATE: 09-JAN-2001 TIME: 13:54
FILE: n:\998-0192\8192a70l.dgn

NOT USED

17

7221-B.53

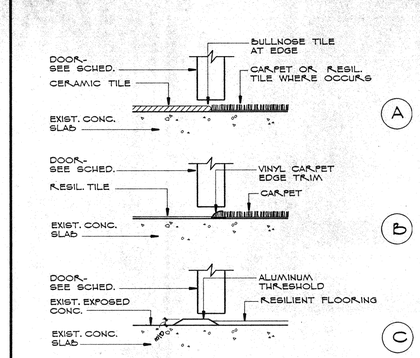


DOOR JAMB @ (N) TOILET DOOR

3" = 1'-0"

13

7221-B.19



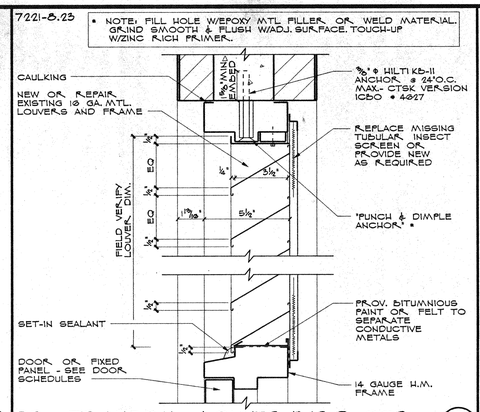
THRESHOLD

3" = 1'-0"

ADD.#3 ITEM-3.25 (36)

9

7221-B.23

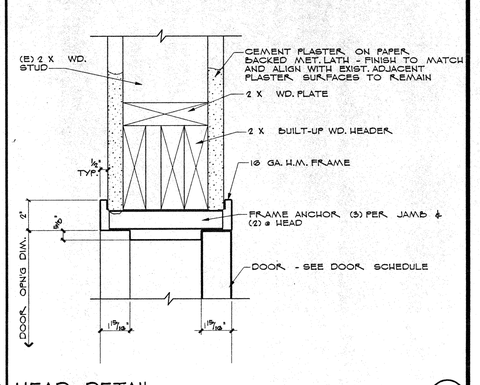


DR TRANSOM LOUVER/BIRD SCR.

3" = 1'-0"

5

7221-B.24



HEAD DETAIL

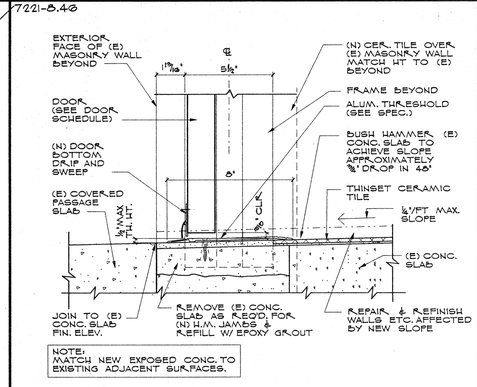
3" = 1'-0"

1

NOT USED

18

7221-B.48

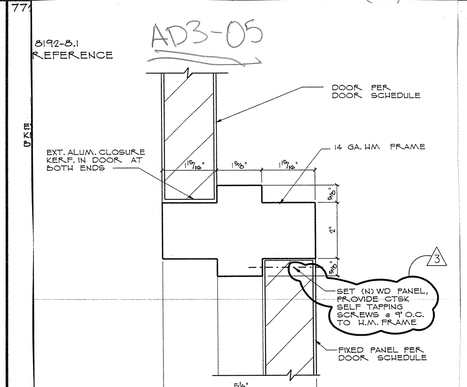


(N) THRESHOLD @ TOILET DOOR

3" = 1'-0"

14

8192-B.1

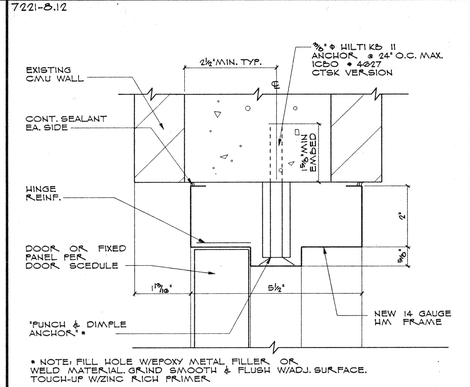


MULLION @ FIXED PANEL

HALF SIZE

10

7221-B.12

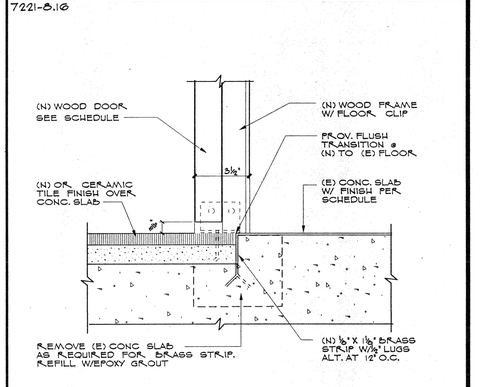


JAMB @ EXIST WALL

HALF SIZE

6

7221-B.16



SILL (INTERIOR DOOR)

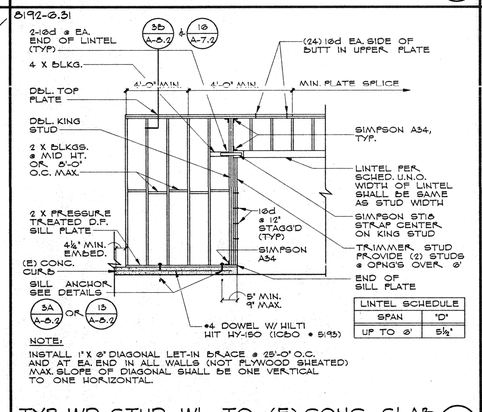
3" = 1'-0"

2

NOT USED

19

8192-B.31

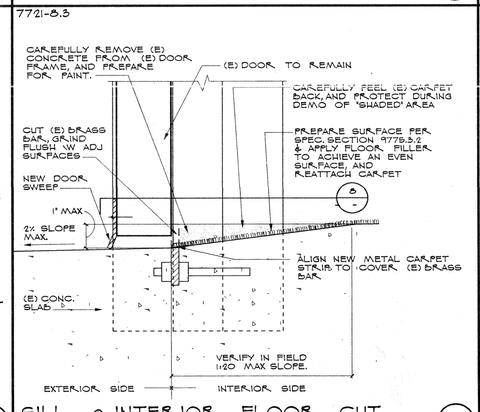


TYP. WD. STUD WL TO (E) CONC. SLAB

¼" = 1'-0"

15

7221-B.3

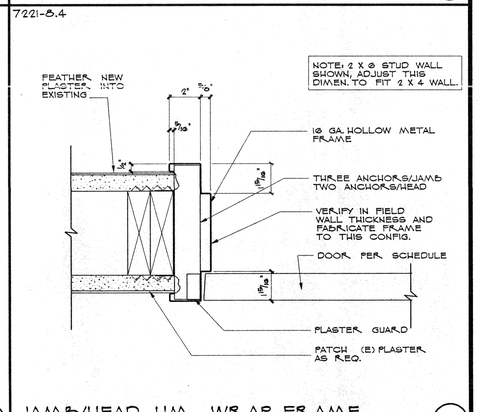


SILL @ INTERIOR FLOOR CUT

HALF SCALE

7

7221-B.4



JAMB/HEAD HM WRAP FRAME

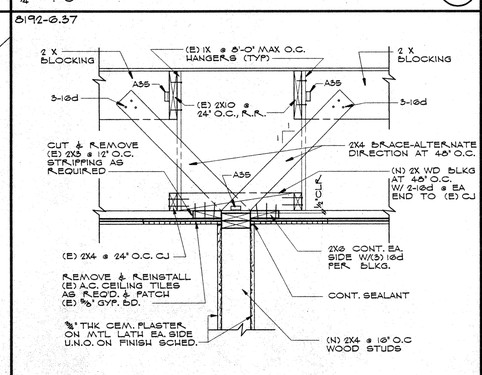
3" = 1'-0"

3

NOT USED

20

8192-B.37



PARALLEL TO JOISTS (NON BEARING) WOOD PARTITION TOP BRACING

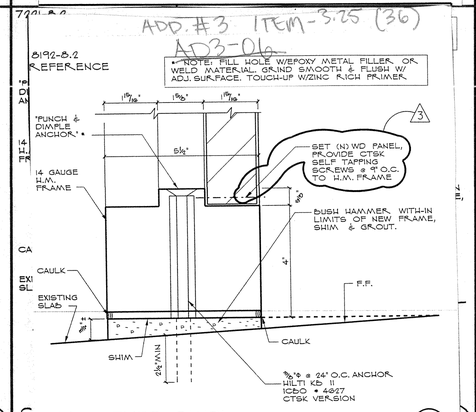
1" = 1'-0"

16

ADD.#3 ITEM-3.25 (36)

AD3-06

8192-B.2



SILL @ FIXED PANEL

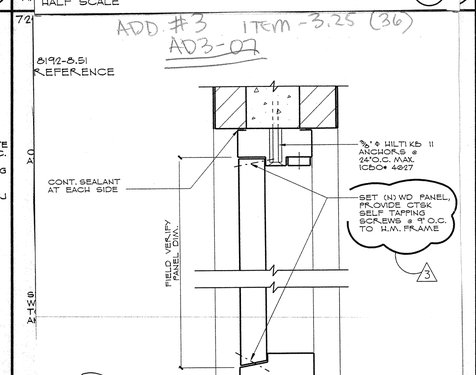
HALF SCALE

11

ADD.#3 ITEM-3.25 (36)

AD3-07

8192-B.5

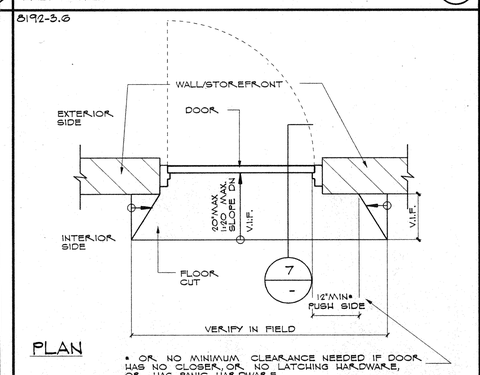


H./WD. PANEL. DOOR TRANSOM

3" = 1'-0"

12

8192-B.6



PLAN

• OR NO MINIMUM CLEARANCE NEEDED IF DOOR HAS NO CLOSER, OR NO LATCHING HARDWARE, OR HAS PANIC HARDWARE (TITLE 24 - SEC. 1133B.2)

ACCESSIBLE THRESHOLD

⅜" = 1'-0"

8

ADD.#3

3.25 SHEET A-7.2 - DOOR AND WINDOW DETAILS

36. **ADDENDUM DRAWINGS AD3-5, AD3-6, AND AD3-7** are issued with this Addendum #3 to show the following:

a. At Detail 10 (Addendum Drawing AD3-5),

b. At Detail 11 (Addendum Drawing AD3-6), and

c. At Detail 12 (Addendum Drawing AD3-7),

CHANGE 'H.M.' doors and panels to read "wood". Provide CTSK self-topping screws at 9" o.c.; panel to H.M. At frames, cover holes with epoxy metal filler; grind and paint.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 04-100880
AC____ FLS.____ SS.____
DATE____

DSA APPROVAL

	DSA PLAN REVIEW SUBMITTAL	BID SET ISSUED
#	11-10-99	01-02-06

NTD ARCHITECTS

2015 Financial Vstry, Suite 100, Glendora, CA 91741
Glendora • San Diego • Auburn

LICENSED ARCHITECT * JAY R. TITTLE * No. 13506 REN. 1-31-07 STATE OF CALIFORNIA

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

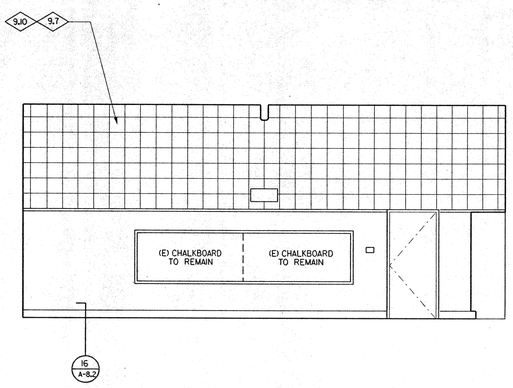
DOOR & WINDOW DETAILS

DATE 12/27/00
JOB NO. 19980192
DRAWN MF
CHECKED DB/LH

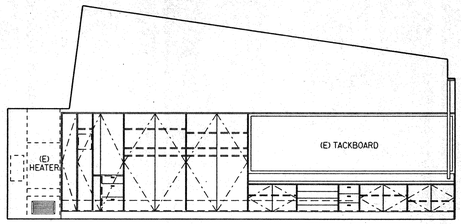
SHEET OF

A-7.2

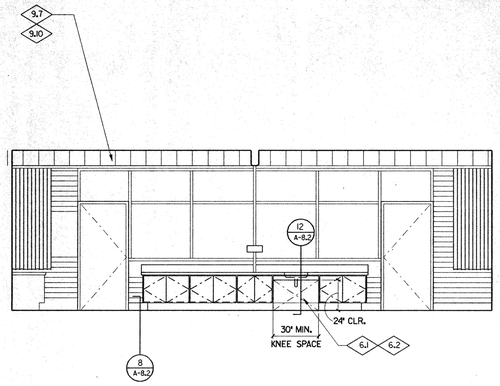
FILES: n:\1998-0192\8192x0102.dgn
TIME: 1408
DATE: 09-JAN-2006



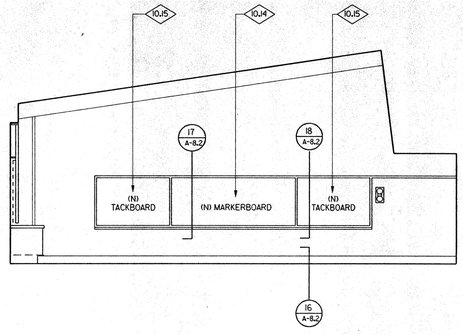
ELEVATION "A"



ELEVATION "B"



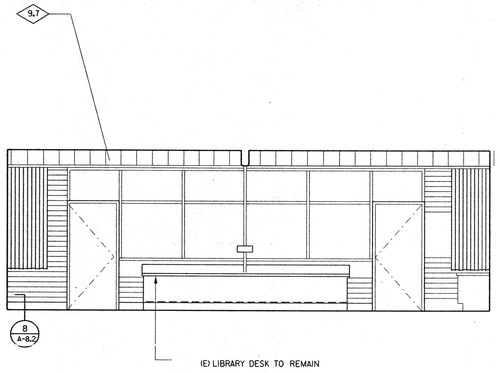
ELEVATION "C"



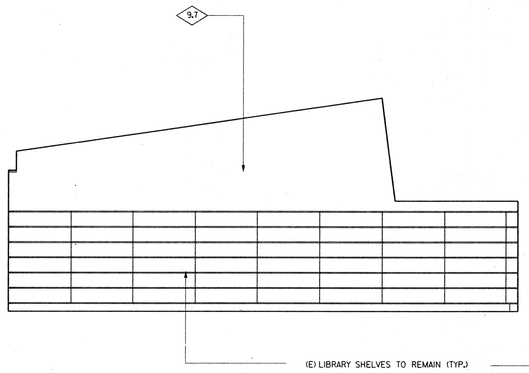
ELEVATION "D"

TYPICAL CLASSROOM INTERIOR ELEVATIONS

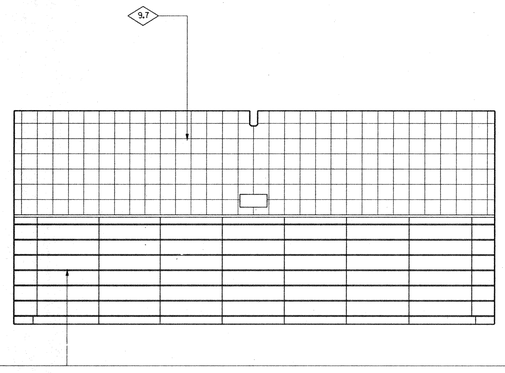
SCALE: 1/4" = 1'-0" (1)



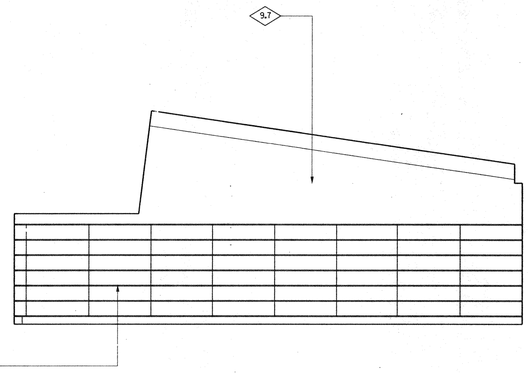
LIBRARY – ELEVATION "A"



LIBRARY – ELEVATION "B"



LIBRARY – ELEVATION "C"

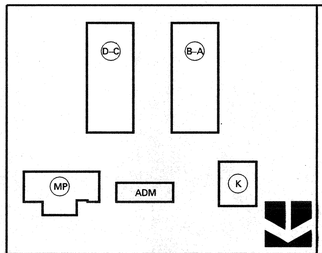


LIBRARY – ELEVATION "D"

INTERIOR ELEVATIONS – RM B–1 (LIBRARY ROOM)

SCALE: 1/4" = 1'-0" (2)

REFER TO SHT. D–2.1 FOR DEMO ▭ KEY NOTES AND TO SHT. A–2.1 FOR FOR CONSTRUCTION ◇ KEY NOTES



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 4 101416
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

11-0-99	DSA PLAN REVIEW SUBMITTAL
01-02-01	BID SET ISSUED

FILE: n:\1998-0192\8920d0.dgn
DATE: 09-JAN-2001
TIME: 14:58

LICENSED ARCHITECT * LAY-IN TITLE * NO. 12350 REN. 11-30-01 * STATE OF CALIFORNIA *

NTD ARCHITECTS
2015 Friendship Way, Suite 190 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

INTERIOR ELEVATIONS

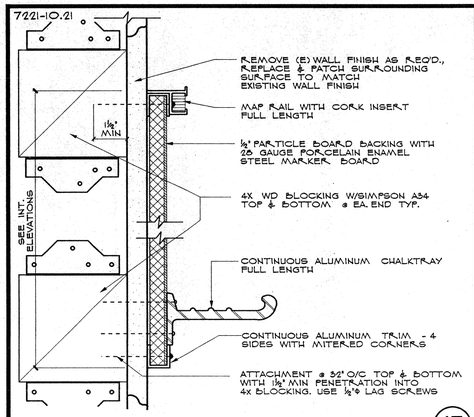
DATE	12/27/00
JOB NO.	1998.192
DRAWN	MF
CHECKED	DB/LH

SHEET OF

A-8.1

DATE: 09-JAN-2001 TIME: 14:58
FILE: n:\1998-0192-9\8920d0.dgn

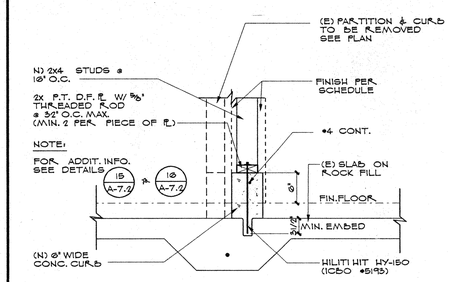
7221-10.21



HALF SIZE

17

8192-8.25

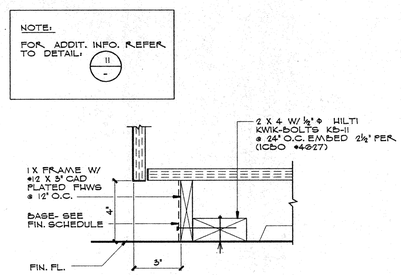


(N) WD STUD WALL @ TOILET AREA

1" = 1'-0"

13

7221-8.4

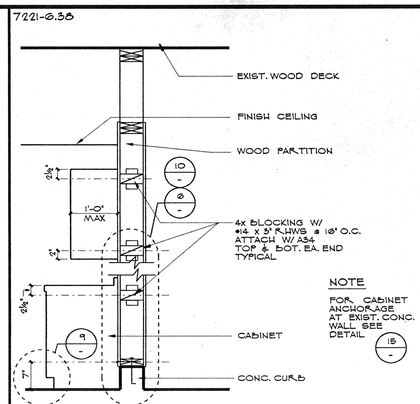


CASEWORK ANCHORAGE

3" = 1'-0"

9

7221-8.38

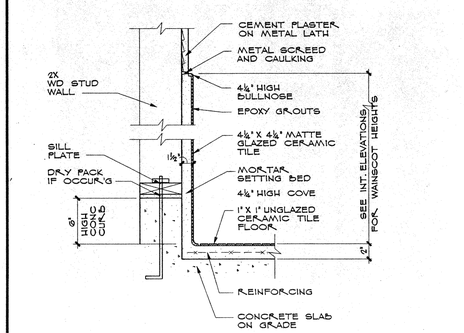


CABINET ANCHORAGE (WOOD STUD)

3" = 1'-0"

5

7221-9.8

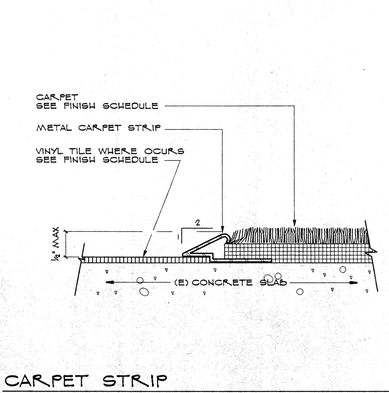


CERAMIC TILE WAINSCOT

1½" = 1'-0"

1

7221-10.23

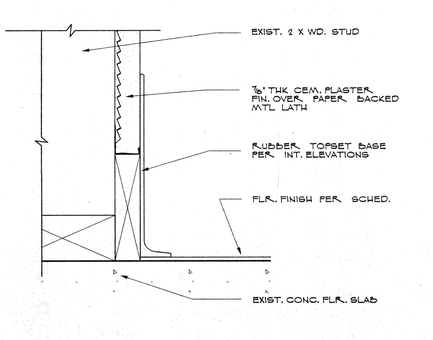


TACKBOARD TO WD STUDS

HALF SIZE

18

7221-8.29

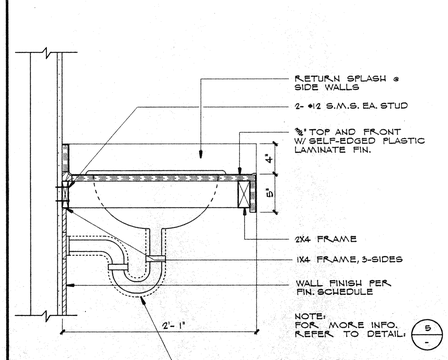


DOOR INFILL

⅜" = 1'-0"

14

7221-8.3



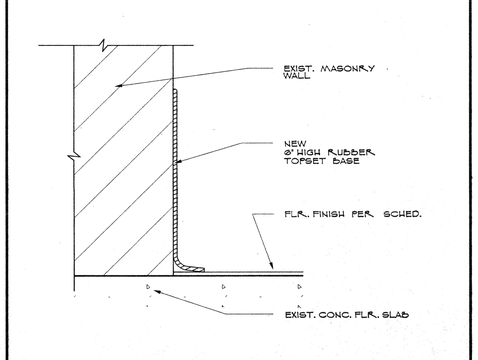
CONDITION AT BASE OF CABINET

CASEWORK ANCHORAGE

3" = 1'-0"

10

7221-8.09



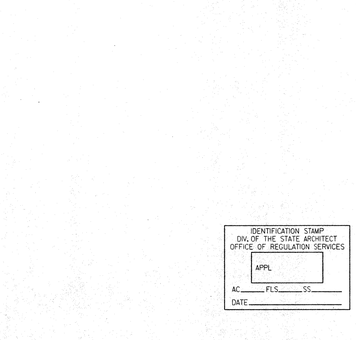
CONDITION AT BASE OF CABINET

CASEWORK ANCHORAGE (WD. STUDS)

3" = 1'-0"

6

7221-9.26

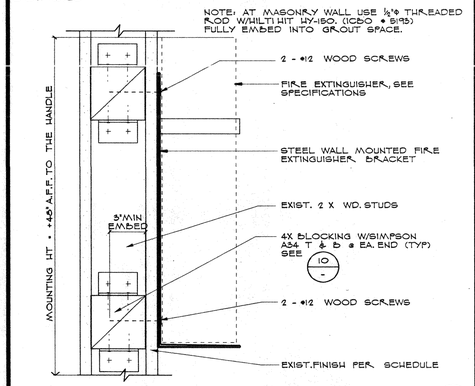


CERAMIC TILE BASE @ MAS. WALL

3" = 1'-0"

2

8187-10.26

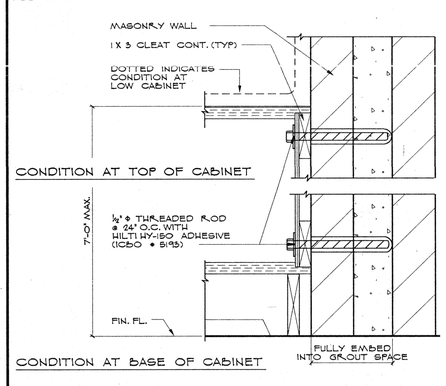


FIRE EXTINGUISHER WALL BRACKET

3" = 1'-0"

19

7221-8.10



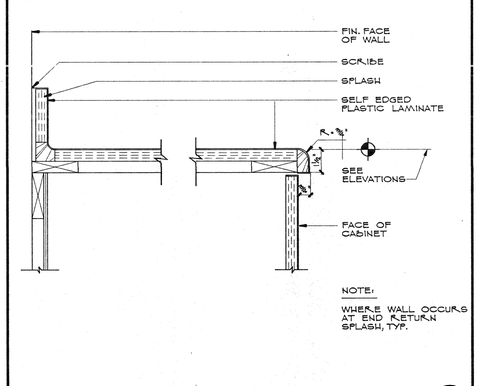
CONDITION AT BASE OF CABINET

CASEWORK ANCHORAGE (MASONRY)

3" = 1'-0"

15

7221-8.14

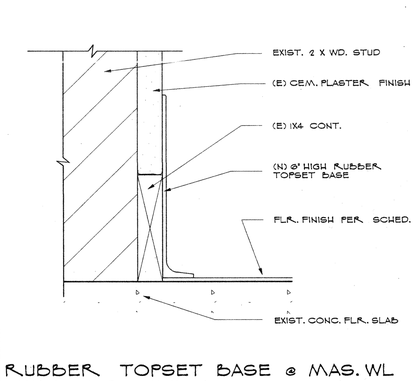


CABINET COUNTER TOP

3" = 1'-0"

11

7221-9.16

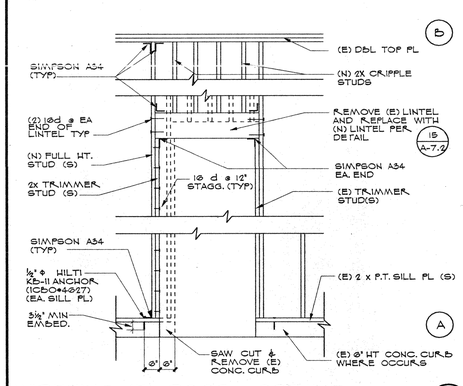


RUBBER TOPSET BASE @ MAS. WL W/PLASTER FINISH

HALF SIZE

7

8192-8.1



WIDENING (E) DOOR OPENING

½" = 1'-0"

3

7221-9.22

CARPET STRIP

FULL SIZE

20

8187-9.2

RUBBER TOPSET @ STUD WL

HALF SIZE

16

7221-8.2

LAVATORY COUNTERTOP

1½" = 1'-0"

12

7221-9.15

RUBBER TOPSET BASE @ MAS. WL

HALF SIZE

8

DSA APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL
AC. FLS. SS.
DATE

11-10-99	DSA PLAN REVIEW SUBMITTAL
08/08/01	BID SET ISSUED

FILE: o:\1998-0192\a8192d02.dgn
DATE: 21-DEC-2000

NTD
ARCHITECTS
2025 Financial Way, Suite 100 Glendora, CA 91741
Glendora • San Diego • Auburn

LICENSED ARCHITECT * JEFF A. LITTLE * NO. 12555 REN. 8-30-03 * STATE OF CALIFORNIA

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

TYPICAL DETAILS

DATE	12/27/00
JOB NO.	9980192
DRAWN	MF
CHECKED	DB/LH

SHEET OF

A-8.2

DATE: 27-DEC-2000 TIME: 10:09
FILES: o:\1998-0192\A8192d02.dgn

PLUMBING LEGEND

		PIPE–TURN DOWN
		PIPE–TURN UP
	SOV	SHUT–OFF VALVE
	BV	BALANCING VALVE
	SV	SOLENOID VALVE
	MV	MIXING VALVE
	GC	GAS COCK
	CV	CHECK VALVE, DIRECTION OF FLOW DESIGNATED.
	GV	GLOBE VALVE
	C & V	CAP AND VALVE FOR FUTURE CONNECTION.
		DIRECTION OF DOWNWARD SLOPE OF PIPE.
	UN	UNION (FOR TYPE SEE SPEC.).
	CW	DOMESTIC COLD WATER
— — —	HW	DOMESTIC HOT WATER
— — — —	HWR	DOMESTIC HOT WATER RETURN
TW	TW	TEMPERED WATER
— —	W	WASTE BELOW GRADE
	W	WASTE ABOVE GRADE
	V	VENT
G	G	GAS
F	F	FIRE LINE
C	CD	A.C. CONDENSATE DRAIN
	PRV	PRESSURE REDUCING VALVE STATION
		PRESSURE GAGE W/ GAGE COCK
		THERMOMETER W/ GAGE COCK

		PRESSURE RELIEF VALVE
NNN		FLEXIBLE CONNECTION
		PEETS PLUG
	POC	POINT OF CONNECTION
ECW	ECW	EXISTING COLD WATER
ESS	ESS	EXISTING SANITARY SEWER
EW	EW	EXISTING WASTE
EG	EG	EXISTING GAS
EV	EV	EXISTING VENT
EHW	EHW	EXISTING HOT WATER
	DN	DOWN
	FR	FROM
	BEL	BELOW
	ABV	ABOVE
	CO	CLEANOUT
	FCO	FLOOR CLEANOUT
	FLR	FLOOR
	CLG	CEILING
	VTR	VENT THRU ROOF
	GRD	GRADE
	UTR	UP THRU ROOF
	AP	ACCESS PANEL
	HDR	HEADER
	TYP	TYPICAL
	@	AT
	EXIST/(E)	EXISTING
	(N)	NEW
	(R)	REMOVE
	CONN	CONNECT OR CONNECTION
	FF	FINISH FLOOR
	IW	INDUSTRIAL WATER

PLUMBING REQUIREMENTS

1. SCOPE OF WORK:
   A. FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT & FACILITIES NECESSARY TO FURNISH, FABRICATE, DELIVER, STORE AND INSTALL ALL WORK NOTED ON THE DRAWINGS AND/OR SPECIFIED HEREIN.
   B. THE CONTRACTOR SHALL FURNISH & INSTALL ALL WORK NECESSARY TO MAKE A COMPLETE SYSTEM WHETHER OR NOT SUCH DETAILS ARE MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE PLANS, BUT WHICH ARE OBVIOUSLY NECESSARY TO MAKE A COMPLETE SYSTEM, EXCEPTING ONLY THOSE PORTIONS THAT ARE SPECIFICALLY MENTIONED HEREIN OR PLAINLY MARKED ON THE ACCOMPANYING DRAWINGS AS BEING INSTALLED UNDER ANOTHER SECTION OF THE SPECIFICATION.
2. WORKMANSHIP: THE WORK SHALL BE ACCOMPLISHED IN A THOROUGH & WORKMANLIKE MANNER SATISFACTORY TO AND MEETING THE APPROVAL OF THE ARCHITECT.
3. MATERIALS: ALL MATERIALS, APPLIANCES & EQUIPMENT, SHALL BE NEW & THE BEST OF THEIR RESPECTIVE KIND, FREE FROM ALL DEFECTS AND OF THE MAKE, BRAND AND QUALITY SPECIFIED.
4. SITE INSPECTION: CONTRACTOR SHALL VISIT THE SITE OF WORK PRIOR TO SUBMISSION OF HIS BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORKING CONDITIONS & EXACT NATURE OF THE WORK. SUBMISSION OF A BID ACKNOWLEDGES FULL RESPONSIBILITY FOR FURNISHING A COMPLETE & FUNCTIONAL SYSTEM. NO CHANGES IN CONTRACT WILL BE MADE TO ACCOMMODATE OR ALLOW EXTRA FUNDING FOR ANY OMISSIONS WHICH RESULTS FROM A FAILURE TO THOROUGHLY MAKE THE EXAMINATION.
5. CODES AND PERMITS: ALL MECHANICAL EQUIPMENT, INSTALLATION, ETC., SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, INCLUDING 1998 CALIFORNIA TITLE 24. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS & INSPECTIONS.
6. AS–BUILTS: CONTRACTOR SHALL PROVIDE A COMPLETE SET OF AS–BUILT TRANSPARENCIES WITH ALL CHANGES NOTED THEREON AT THE COMPLETION OF THE PROJECT.
7. GUARANTEE: CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL LABOR & MATERIAL ON ALL WORK AGAINST DEFECTS IN WORKMANSHIP & MATERIALS FOR A PERIOD OF ONE YEAR.
8. SUBMITTALS: CATALOG INFORMATION & CUTS OF ALL EQUIPMENT & DEVICES SHALL BE SUBMITTED FOR REVIEW (SIX COPIES OF EACH).
9. COORDINATION: THE DRAWINGS ARE DIAGRAMMATIC & INTENDED TO SHOW SCOPE. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES TO PROVIDE BEST ARRANGEMENT OF ALL DUCT, PIPES, CONDUIT, ETC.
10. CUTTING AND PATCHING: ALL CUTTING & PATCHING OF THE EXISTING STRUCTURE SHALL BE PROVIDED UNDER OTHER SECTIONS OF THE WORK. PROVIDE ALL NECESSARY REQUIREMENTS TO THE PROJECT SUPERINTENDENT.
11. CLEANUP: UPON COMPLETION OF THE WORK UNDER THIS SECTION THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIALS, EQUIPMENT & DEBRIS INCIDENTAL TO THIS WORK & LEAVE THE PREMISES CLEAN AND ORDERLY.
12. ALL HOT WATER SUPPLY AND RECIRCULATION PIPING (EXCEPT RUNOUTS 12 FT. OR SHORTER TO INDIVIDUAL FIXTURES) TO BE INSULATED AS FOLLOWS:

PIPE SIZE, IN.	INSULATION THICKNESS, IN. (K=0.27 BTUH–IN/SQ.FT. F OR LESS) / FHC 25/50
1/2",3/4" & 1"	1"
1 1/4" THROUGH 6"	1 1/2"

13. CONDENSATE PIPING SHALL BE INSULATED WITH 3/8" FOAM PLASTIC.
14. PIPING:
   A. WASTE, VENT AND STORM DRAIN PIPING SHALL BE STANDARD WEIGHT CAST IRON HUBLESS TYPE.
   B. WATER PIPING SHALL BE TYPE "L" COPPER HARD DRAWN WITH WROUGHT COPPER FITTINGS. JOINTS SHALL BE SOLDERED WITH 95–5 OR SILVER SOLDER.
   C. CONDENSATE PIPING SHALL BE TYPE "M" COPPER WITH SOLDER JOINTS.
15. EACH PLUMBING VENT SHALL TERMINATE NOT LESS THAN TEN FEET FROM OR AT LEAST THREE FEET ABOVE ANY WINDOW, DOOR, OPENING, AIR INTAKE OR VENT SHAFT.
16. CLEAN–OUTS SHALL BE INSTALLED AS PER SEC. 707 AND 719 OF THE PLUMBING CODE.
17. PROTECT ROOF RECEPTOR ON ROOF FROM RAIN WATER BY ELEVATING THE RIM 2 INCHES ABOVE ROOF SURFACE.
18. PROVIDE WATERTIGHT FLASHING WHEREVER PIPES PASS THRU EXTERIOR WALLS, ROOF AND FLOORS.
19. PENETRATIONS: PENETRATION IN WALLS REQUIRING PROTECTED OPENINGS SHALL BE FIRE–STOPPED. FIRE–STOPPING SHALL BE AN APPROVED MATERIAL SECURELY INSTALLED AND CAPABLE OF MAINTAINING ITS INTEGRITY WHEN SUBJECTED TO TEST TEMPERATURE PRESCRIBED IN U.B.C. STANDARD NO. 7–5 FOR SPECIFIC WALL OR PARTITION.
20. PROVIDE FELT WITH METAL BACKING VIBRATION ISOLATION SLEEVES OR PADS AT ALL PIPE HANGERS OR SUPPORTS AND ALL POINTS WHERE PIPING COMES IN CONTACT WITH ANY PORTION OF THE STRUCTURE. APPLIES TO ALL WATER AND WASTE PIPING.
21. LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO STARTING WORK OF THIS SECTION. MAKE REQUIRED ADJUSTMENTS TO CONNECT TO EXISTING UTILITIES. IF INDICATED POINTS OF CONNECTION CANNOT BE MADE TO EXISTING UTILITIES AS FOUND, THE CONTRACTOR SHALL, BEFORE CONTINUING NOTIFY THE ARCHITECT PRIOR TO INSTALLING ANY WORK WHICH MAY BE AFFECTED.
22. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY AVAILABLE SPACES FOR INSTALLING THE WORK.
23. VALVES SHALL BE NIBCO, JENKINS, WALWORTH, STOCKHAM OR EQUAL. SERVICE PRESSURE SHALL BE SUITABLE FOR SERVICE INTENDED.
24. PROVIDE HANGERS AND SUPPORTS AS REQUIRED. PLUMBERS TAPE AND WIRE ARE NOT ACCEPTABLE.
25. CONTRACTOR SHALL AFFIX A MAINTENANCE LABEL TO ALL EQUIPMENT REQUIRING ROUTINE MAINTENANCE AND SHALL PROVIDE THREE COPIES OF MAINTENANCE AND OPERATING MANUALS TO THE OWNER.
26. CONTRACTOR SHALL ARRANGE FOR AND PAY FOR ALL UTILITY METERS AND UTILITY CONNECTIONS.

SEISMIC NOTES

(I = 1.15)

ELEMENTARY BUILDING

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

FIXED EQUIPMENT ON GRADE	23% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	35% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	31% OF OPERATING WEIGHT
EMERGENCY POWER EQUIP. ON STRUCTURE	46% OF OPERATING WEIGHT
FOR FLEXIBLY MOUNTED EQUIPMENT	USE 4x THE ABOVE VALUES
SIMULTANEOUS VERTICAL FORCE	USE 1/3x HORIZONTAL FORCE

FOR EQUIPMENT WEIGHING LESS THAN 400 POUNDS AND WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

(I = 1.0)

MODULAR BUILDINGS

ALL MECHANICAL 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	27% OF OPERATING WEIGHT
EMERGENCY POWER EQUIP. ON STRUCTURE	46% OF OPERATING WEIGHT
FOR FLEXIBLY MOUNTED EQUIPMENT	USE 4x THE ABOVE VALUES
SIMULTANEOUS VERTICAL FORCE	USE 1/3x HORIZONTAL FORCE

FOR EQUIPMENT WEIGHING LESS THAN 400 POUNDS AND WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

FOR TABLE 1115B-1 - SUGGESTED MOUNTING HTS., SEE (19 A-1.3) AND (14 A-1.3)

ACCESSIBILITY PLUMBING FIXTURE MOUNTING HEIGHTS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	OSA REQUIREMENTS
WC/	WATER CLOSET (KINDERGARTEN STUDENTS)	12" TO TOP OF SEAT	FLUSH VAVLE HANDLE ON WIDE SIDE OF WATER CLOSET
WC/	WATER CLOSET (ELEMENTARY STUDENTS)	15" TO TOP OF SEAT	FLUSH VAVLE HANDLE ON WIDE SIDE OF WATER CLOSET
WC/	WATER CLOSET (ADULTS, AGE 12 AND OVER)	19" TO TOP OF SEAT	FLUSH VAVLE HANDLE ON WIDE SIDE OF WATER CLOSET
UR/	URINAL (KINDERGARTEN STUDENTS)	13" MIN. TO TOP OF LIP	FLUSH VAVLE @ 32" MAX. ABOVE FIN. FLOOR
UR/	URINAL (ELEMENTARY STUDENTS)	15" MAX. TO TOP OF LIP	FLUSH VAVLE @ 37" MAX. ABOVE FIN. FLOOR
UR/	URINAL (ADULTS, AGE 12 AND OVER)	17" MAX. TO TOP OF LIP	FLUSH VAVLE @ 44" MAX. ABOVE FIN. FLOOR
LV/	LAVATORY (KINDERGARTEN STUDENTS)	24" MAX. TO TOP OF RIM	19" MIN. KNEE SPACE
LV/	LAVATORY (ELEMENTARY STUDENTS)	29" MAX. TO TOP OF RIM	24" MIN. KNEE SPACE
LV/	LAVATORY (ADULTS, AGE 12 AND OVER)	34" MAX. TO TOP OF RIM	29" MIN. TO UNDERSIDE OF BOWL APRON, 27" MIN. KNEE SPACE
DF/	DRINKING FOUNTAIN (KINDERGARTEN STUDENTS)	30" MAX. TO BUBBLER OUTLET	22" MIN. KNEE SPACE
DF/	DRINKING FOUNTAIN (ELEMENTARY STUDENTS)	32" MAX. TO BUBBLER OUTLET	24" MIN. KNEE SPACE
DF/	DRINKING FOUNTAIN (ADULTS, AGE 12 AND OVER)	36" MAX. TO BUBBLER OUTLET	27" MIN. KNEE SPACE

STANDARD PLUMBING FIXTURE MOUNTING HEIGHTS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT						REMARKS
		KIND	ELEM.	JR. HIGH	HIGH	ADULT	MOUNTING HEIGHT	
WC/	WATER CLOSET	14"	14"	14"	14"	14"	TOP OF RIM	–
UR/	URINALS	–	17"	22"	24"	24"	TOP OF LIP	–
LV/	LAVATORIES	26"	29"	32"	34"	34"	TOP OF RIM	–
WS/	WASH SINKS	26"	29"	32"	34"	34"	TOP OF RIM	–
SK/	SINKS	10"	10"	10"	10"	10"	CTR. OF SUPPLIES(a)	–
DF/	DRINKING FOUNTAINS	28"	31"	34"	36"	36"	BUBBLER OUTLET(c)	–
ST/	SINK TRIM	–	–	10"	10"	10"	CTR. OF SUPPLIES(a)	–

(a) ABOVE COUNTER TOP (WALL FAUCETS)
(b) ABOVE TOP OF FIXTURE RIM
(c) ABOVE FINISHED FLOOR
(d) ABOVE TUB RIM

PLUMBING FIXTURE CONNECTION SCHEDULE

SYMBOL	DESCRIPTION	CONNECTION SIZE					REMARKS
		TR	W	V	CW	HW	
WC/	F.V. WATER CLOSET	INTEGRAL	4"	2"(a)	1"	–	–
UR/	F.V. URINAL	INTEGRAL	2"	1–1/2"	3/4"	–	–
LV/	LAVATORY	(b)	2"	1–1/2"	1/2"	1/2"(c) (d)	–
WS/	WASH SINK	1–1/2"	2"	1–1/2"	1/2"	1/2"(c) (d)	–
SK/	SINK	1–1/2" (a)	2"(a)	1–1/2" (a)	1/2"	1/2"(c) (d)	–
DF/	DRINKING FOUNTAIN	1–1/2"	2"	1 1/2"	1/2"	–	–
ST/	SINK TRIM	1–1/2" (a)	2"(a)	1–1/2" (a)	1/2"	1/2"(c) (d)	–

(a) UNLESS OTHERWISE INDICATED ON THE DRAWINGS
(b) 1–1/4"x 1–1/2"
(c) WHERE APPLICABLE
(d) HOT WATER OR TEMPPRED WATER AS APPLICABLE
(e) 3/4" WATER TO 4, 6 AND 8 STATION UNIT
(f) AS INDICATED ON THE DRAWINGS

DSA NOTES

1. UNLESS SPECIFIED ON STRUCTURAL/ARCHITECTURAL DRAWINGS, ANY ALTERATIONS OR MODIFICATIONS TO A STRUCTURAL ELEMENT BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL BY STRUCTURAL ENGINEER OF RECORD AND DSA PRIOR START WORK.
2. PIPE AND DUCTS SUPPORTS:

   PROVIDE CALCULATIONS AND DETAILS FOR THE SUPPORT AND BRACING OF ALL PIPES, DUCTS, AND CONDUITS OR SHOW A NOTE ON THE PLANS OR IN THE SPECIFICATIONS REQUIRING THAT PIPES, DUCTS, AND CONDUITS BE SUPPORTED AND BRACED PER OSHPD ANCHORAGE PRE–APPROVAL NO. R–0010, THE SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS", R–0003 THE UNDERSTRUT " SEISMIC RESTRAINT SYSTEM", R–0114 B–LINE SYSTEM, R–0120 UNISTRUT "SEISMIC BRACING SYSTEMS" OR OTHER OSPHD PREAPPROVED SYSTEM. ONCE THE EXACT LOCATION OF ALL PIPES, DUCTS AND CONDUITS HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. SEE FOOTNOTES 14 AND 15 TO CBC TITLE 24 PART 2 TABLE 16A–O FOR LIMITATIONS.

DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 10142
APPROVED AS NOTED
DATE NOV 10 1999

LICENSED ARCHITECT
JAMES R. TITTLE
No. 12355
REN. 11-30-99
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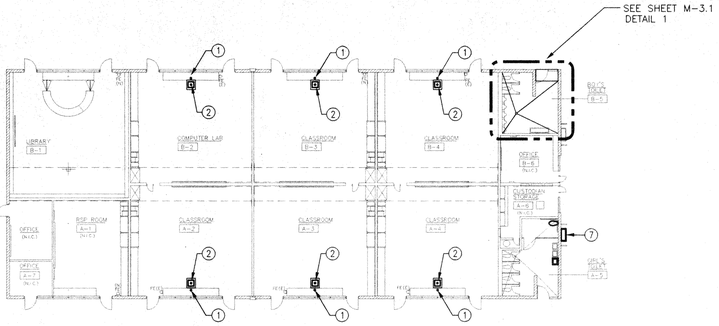
ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

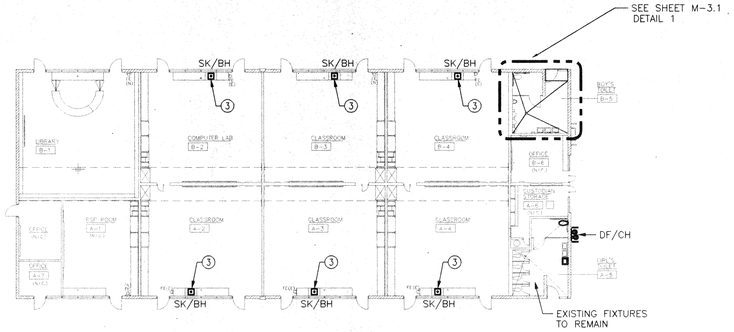
MECHANICAL SYMBOLS, NOTES AND SCHEDULES

DATE 7/23/99
JOB NO. 98192
DRAWN CADD
CHECKED BES

SHEET OF
M-0.1



MECHANICAL DEMOLITION PLAN

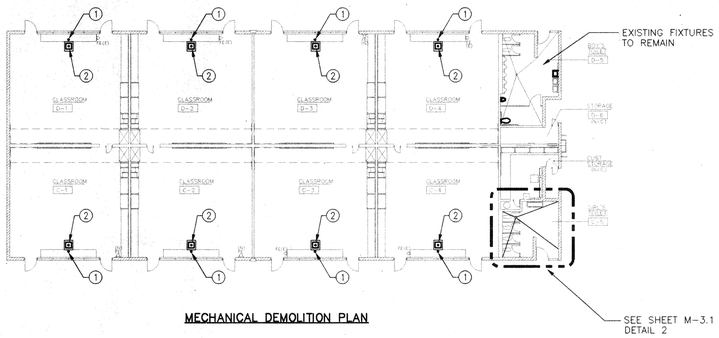


MECHANICAL FLOOR PLAN

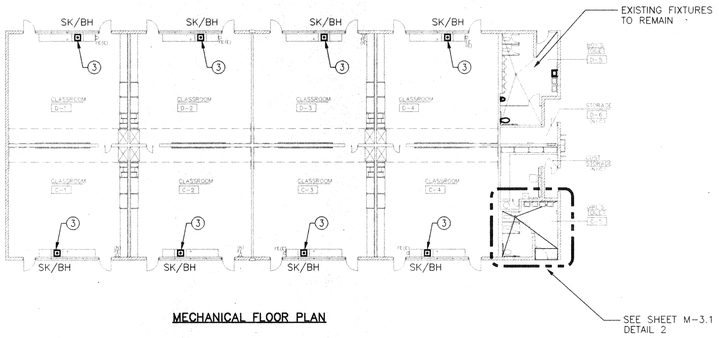
FORMERLY KNOWN AS C-1

CLASSROOM BUILDING - "A - B"

SCALE
1/16" = 1'-0"



MECHANICAL DEMOLITION PLAN



MECHANICAL FLOOR PLAN

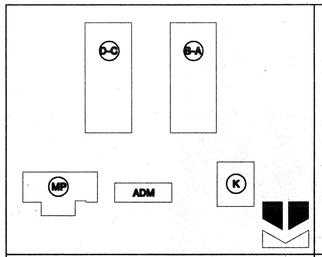
FORMERLY KNOWN AS C-2

CLASSROOM BUILDING - "C - D"

SCALE
1/16" = 1'-0"

REFERENCE NOTES:

1. EXISTING 1 1/2" VENT TO REMAIN.
2. EXISTING ISLAND SINK AND TRIM TO BE REMOVED; EXISTING 3/4" COLD WATER TO BE CAPPED UNDER COUNTER; EXISTING 2" WASTE TO BE CAPPED UNDER FLOOR; EXISTING 1 1/2" VENT TO BE CAPPED UNDER COUNTER.
3. NEW SINK WITH BUBBLER; PROVIDE COLD WATER CONNECTION FROM EXISTING 3/4" COLD WATER UNDER COUNTER; PROVIDE ISLAND SINK WASTE AND VENT CONNECTION FOR NEW SINK TO EXISTING 1 1/2" VENT UNDER COUNTER AND 2" WASTE UNDER FLOOR.
4. EXISTING WATER CLOSET AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW WATER CLOSET ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).
5. EXISTING LAVATORY AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW LAVATORY ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).
6. EXISTING URINAL AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW URINAL ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).
7. EXISTING DRINKING FOUNTAIN AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW DRINKING FOUNTAIN ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).



KEY PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL
AC ____ FLS ____ SS ____
DATE ____

DSA APPROVAL

01/02/01 BID SET ISSUED

REGISTERED PROFESSIONAL ENGINEER
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Exp. 6-04
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Glendora ◦ San Diego ◦ Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

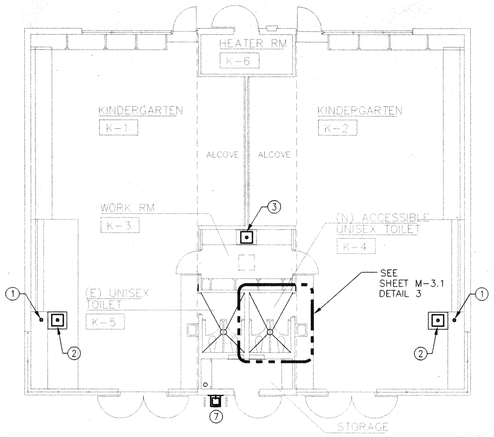
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

MECHANICAL FLOOR PLANS - BLDGS "A-B" AND "C-D"

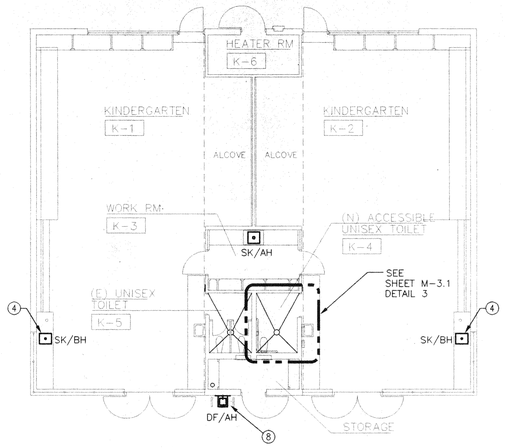
DATE	12/27/00
JOB NO.	98192
DRAWN	CADD
CHECKED	BES

SHEET OF

M-2.1



MECHANICAL DEMOLITION PLAN



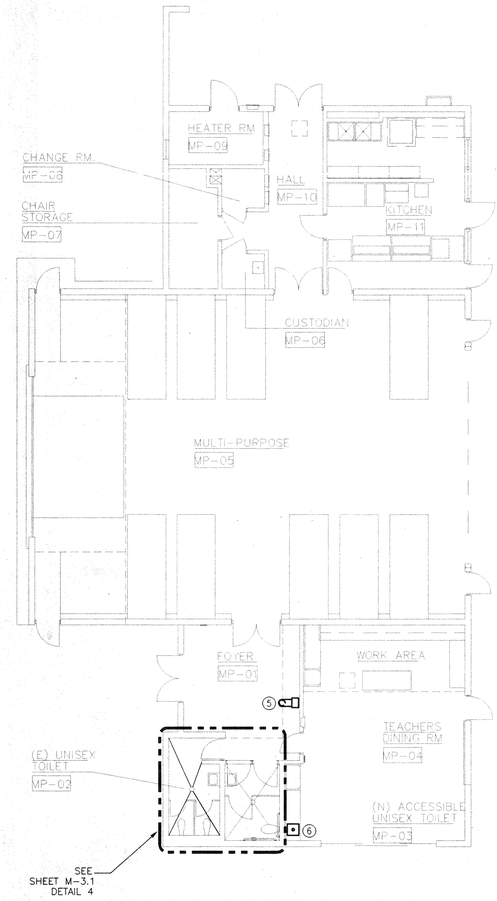
MECHANICAL FLOOR PLAN

REFERENCE NOTES:

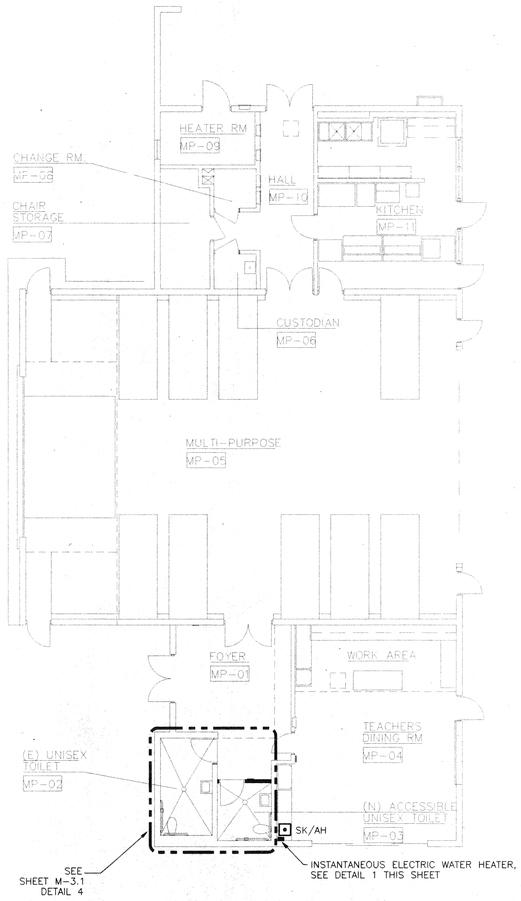
1. EXISTING 1 1/2" VENT TO REMAIN.
2. EXISTING ISLAND SINK AND TRIM TO BE REMOVED;
   EXISTING 3/4" COLD WATER TO BE CAPPED UNDER COUNTER;
   EXISTING 2" WASTE TO BE CAPPED UNDER FLOOR;
   EXISTING 1 1/2" VENT TO BE CAPPED UNDER COUNTER.
3. EXISTING SINK AND TRIM TO BE REPLACED;
   OFFSET EXISTING WASTE, VENT, HOT AND COLD WATER
   FOR NEW SINK ROUGH-IN DIMENSION (REFER TO
   ARCHITECTURAL DRAWING).
4. NEW SINK WITH BUBBLER;
   PROVIDE COLD WATER CONNECTION FROM EXISTING 3/4" COLD WATER
   UNDER COUNTER;
   PROVIDE ISLAND SINK WASTE AND VENT CONNECTION FOR NEW SINK
   TO EXISTING 1 1/2" VENT UNDER COUNTER AND 2" WASTE UNDER FLOOR.
5. EXISTING DRINKING FOUNTAIN AND TRIM TO BE REMOVED;
   EXISTING VENT AND COLD WATER TO BE CAPPED ABOVE CEILING;
   EXISTING WASTE TO BE CAPPED BELOW FLOOR.
6. EXISTING SINK AND TRIM TO BE REPLACED;
   OFFSET EXISTING WASTE, VENT AND COLD WATER FOR
   NEW SINK ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING);
   EXISTING HOT WATER HEATER AND HOT WATER DISPENSER TO BE REMOVED;
   PROVIDE NEW ELECTRIC HOT WATER HEATER UNDER COUNTER
   (SEE DETAIL 1 THIS SHEET).
7. EXISTING DRINKING FOUNTAIN AND TRIM TO BE REPLACED;
   OFFSET EXISTING WASTE, VENT AND WATER
   FOR NEW DRINKING FOUNTAIN ROUGH-IN DIMENSION (REFER TO
   ARCHITECTURAL DRAWING).
8. PROVIDE STAINLESS STEEL COVER PLATE BEHIND DRINKING FOUNTAIN
   ON WALL TO COVER EXISTING DRINKING FOUNTAIN CONNECTIONS.

KINDERGARTEN BUILDING - "K"

SCALE
1/8 " = 1'-0"



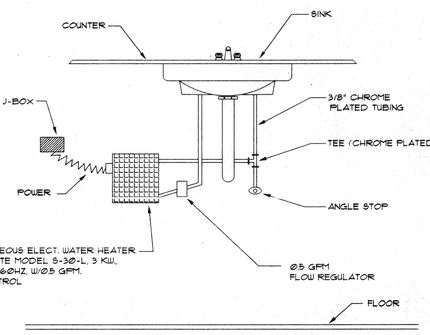
MECHANICAL DEMOLITION PLAN



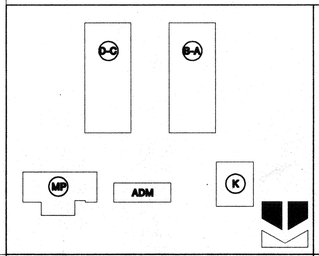
MECHANICAL FLOOR PLAN

MULTI-PURPOSE BUILDING

SCALE
1/8 " = 1'-0"



INSTANTANEOUS WATER HEATER DETAIL — SCALE: NONE — (1)



KEY PLAN

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OFFICE OF REGULATION SERVICES
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DATE ____

DSA APPROVAL

01/02/01 BID SET ISSUED

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ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

MECHANICAL FLOOR PLANS - KINDERGARTEN AND MULTI-PURPOSE BLDGS

DATE 12/27/00
JOB NO. 98192
DRAWN CADD
CHECKED BES

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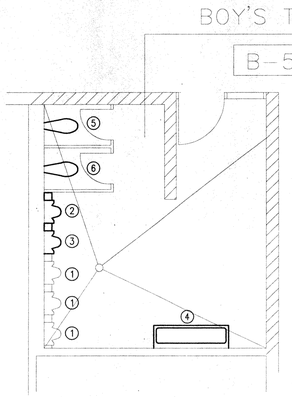
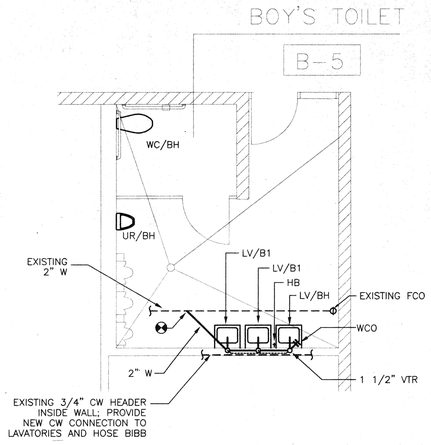


REFERENCE NOTES:

1. EXISTING URINAL AND TRIM TO REMAIN.
2. EXISTING URINAL AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW URINAL ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).
3. EXISTING URINAL AND TRIM TO BE REMOVED; WASTE TO BE CAPPED UNDER FLOOR; VENT AND WATER TO BE CAPPED ABOVE CEILING.
4. EXISTING WASH SINK AND TRIM, HOSE BIBB TO BE REMOVED; WASTE TO BE CAPPED BELOW FLOOR; VENT AND WATER TO BE CAPPED INSIDE WALL.
5. EXISTING WATER CLOSET AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW WATER CLOSET ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).
6. EXISTING WATER CLOSET AND TRIM TO BE REMOVED; WASTE TO BE CAPPED UNDER FLOOR; VENT AND WATER TO BE CAPPED ABOVE CEILING.

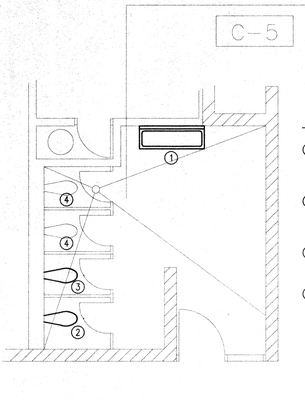
MECHANICAL DEMOLITION PLAN



MECHANICAL FLOOR PLAN

ENLARGED TOILET PLAN - BLDG "A-B"

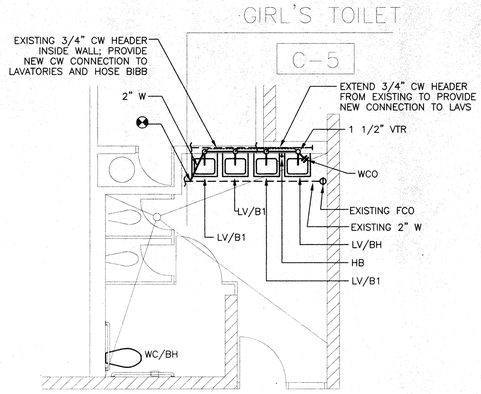
SCALE 1/4 " = 1'-0" (1)



REFERENCE NOTES:

1. EXISTING WASH SINK AND TRIM, HOSE BIBB TO BE REMOVED; WASTE TO BE CAPPED BELOW FLOOR; VENT AND WATER TO BE CAPPED INSIDE WALL.
2. EXISTING WATER CLOSET AND TRIM TO BE REPLACED; OFFSET EXISTING WASTE, VENT AND WATER FOR NEW WATER CLOSET ROUGH-IN DIMENSION (REFER TO ARCHITECTURAL DRAWING).
3. EXISTING WATER CLOSET AND TRIM TO BE REMOVED; WASTE TO BE CAPPED UNDER FLOOR; VENT AND WATER TO BE CAPPED ABOVE CEILING.
4. EXISTING WATER CLOSET AND TRIM TO REMAIN.

MECHANICAL DEMOLITION PLAN



MECHANICAL FLOOR PLAN

ENLARGED TOILET PLAN - BLDG. "C-D"

SCALE 1/4 " = 1'-0" (2)

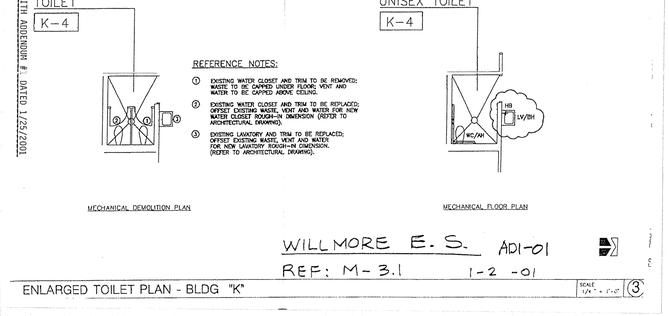
WILLMORE ELEMENTARY SCHOOL
Westminster School District
DSA A-04-101416; NTD 98192

ISSUED WITH ADDENDUM #1 DATED 1/25/2001

WILLMORE ELEMENTARY SCHOOL ONLY

3.26 SHEET M-3.1 - MECHANICAL ENLARGED PLANS Per Addd #1

92. **ADDENDUM DRAWING AD1-1** is issued with this Addendum #1 to show the following:
   a. At Kindergarten K-4 enlarged accessible unisex toilet, one (1) hose bibb is added under lavatory.



MECHANICAL DEMOLITION PLAN

MECHANICAL FLOOR PLAN

WILLMORE E.S. ADI-01
REF: M-3.1 1-2-01

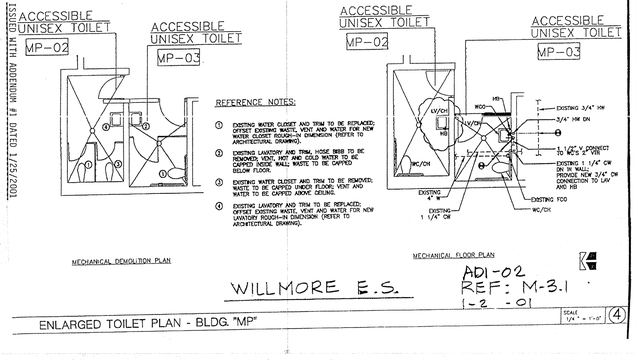
ENLARGED TOILET PLAN - BLDG "K" SCALE 1/4 " = 1'-0" (3)

WILLMORE ELEMENTARY SCHOOL
Westminster School District
DSA A-04-101416; NTD 98192

ISSUED WITH ADDENDUM #1 DATED 1/25/2001

93. **ADDENDUM DRAWING AD1-2** is issued with this Addendum #1 to show the following:
   a. At M-P Bldg., at accessible unisex toilet MP-02, one (1) hose bibb is added under lavatory.

Per Addd #1

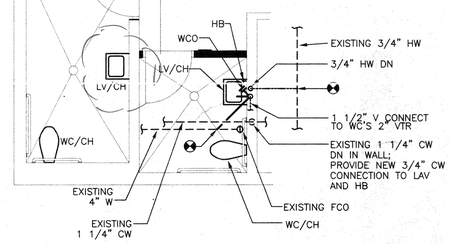


MECHANICAL DEMOLITION PLAN

MECHANICAL FLOOR PLAN

WILLMORE E.S. ADI-02
REF: M-3.1 1-2-01

ENLARGED TOILET PLAN - BLDG. "MP" SCALE 1/4 " = 1'-0" (4)



MECHANICAL FLOOR PLAN

RECEIVED STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 101416
AG
DATE NOV 10 1999

01/02/01 BID SET ISSUED

DE ENGINEERING, GROUP
600 West Broadway
Suite 250
Glendale, Ca. 91204
(818) 265-9720

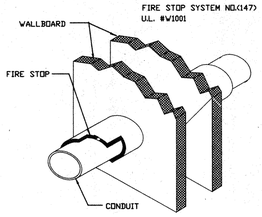
NTD
ARCHITECTS
2025 Financial Way, Suite 108 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

DATE # 7/23/99
JOB NO. 98192
DRAWN CADD
CHECKED BES

MECHANICAL ENLARGED PLANS

SHEET OF
M-3.1



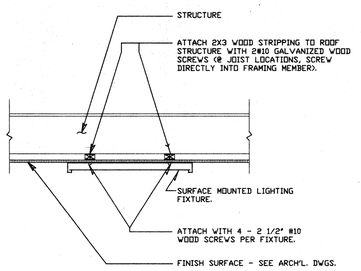
GENERAL NOTES:

PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC FOR FIRE STOPS ASTM-E-814.

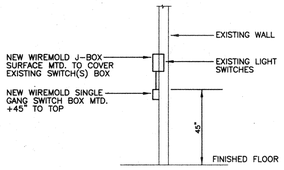
PENETRATIONS OF PIPES, CONDUITS, ECT., IN WALLS REQUIRING PROTECTED OPENINGS SHALL BE FIRE STOPPED. FIRE STOP MATERIAL SHALL BE A TESTED ASSEMBLY ACCEPTABLE TO DSA-ORS. FIRE STOPPING SHALL BE PROVIDED WHERE PENETRATION ITEMS PASS THROUGH BOTH PROTECTIVE MEMBRANES OF BEARING WALLS REQUIRED TO HAVE A FIRE-RESISTIVE RATING AND WALLS REQUIRING PROTECTED OPENINGS. FIRE STOPPING SHALL ALSO BE PROVIDED AT PENETRATIONS OF FIRE RESISTIVE FLOORS AND FLOORS WHICH ARE PART OF A CEILING-FLOOR ASSEMBLY. FIRE STOPPING SHALL HAVE AN "F" OR "T" RATING AS DETERMINED BY TESTS CONDUCTED IN ACCORDANCE WITH UBC STD. 43-6.

SEE SECTIONS 4304(e), 4305(c) AND 4308 FOR MORE SPECIFIC INFORMATION.

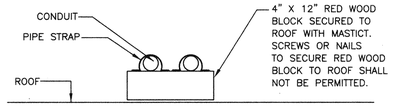
C / E-1.1 **FIRE STOP DETAIL**
NOT TO SCALE



A / E-1.1 **SURFACE MOUNTED FIXTURE SUPPORT DETAIL**
NOT TO SCALE



D / E-1.1 **ADA SWITCH DETAIL**
NOT TO SCALE



B / E-1.1 **ROOF MOUNTED CONDUIT DETAIL**
NOT TO SCALE

SPECIAL NOTE: SHALL BE INSTALL 5' ON CENTER.

LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS NO.	LAMPS WATT	LAMPS TYPE	TOTAL VA.	DESRIPTION	MANUFACTURER
A	3	32	F32	98	2'X4' RECESSED FLUORESCENT TROFFER WITH REGRESS WHITE FINISHED ALUMINUM, HINGE AND POSITIVE SPRING LOADED LATCH DOOR, CLEAR PRISMATIC ACRYLIC LENS, BAKED WHITE ENAMEL FINISH AND ONE 3-LAMP ELECTRONIC BALLAST.	LITHONIA SP SERIES 2SP-G-3-32-RW-A12-120 OR APPROVED EQUAL.
A1					SAME AS TYPE "A" EXCEPT WITH BATTERY PACK.	
A2	3	32	F32	98	2'X4' SURFACE MOUNTED FLUORESCENT FIXTURE WITH REGRESS WHITE FINISHED ALUMINUM, CLEAR PRISMATIC ACRYLIC LENS, BAKED WHITE ENAMEL FINISH AND ONE 3-LAMP ELECTRONIC BALLAST.	LITHONIA 2M 340 2M-340-RW-A12-120 OR APPROVED EQUAL.
A3					SAME AS TYPE "A2" EXCEPT WITH BATTERY PACK	
B	2	32	T8	62	1'x4' SURFACE MOUNTED FIXTURE WITH TAMPERPROOF HIGH IMPACT CLEAR ACRYLIC WRAPAROUND LENS, HINGED AND LATCHED FROM EITHER SIDE, BAKED WHITE ENAMEL FINISH AND ELECTRONIC BALLAST.	LITHONIA AW 232 AR 120 GEB OR APPROVED EQUAL.
C	4	32	T8	124	1'x8' SURFACE MOUNTED FIXTURE WITH TAMPERPROOF HIGH IMPACT CLEAR ACRYLIC WRAPAROUND LENS, HINGED AND LATCHED FROM EITHER SIDE, BAKED WHITE ENAMEL FINISH AND ELECTRONIC BALLAST.	LITHONIA AW 432 AR 120 GEB OR APPROVED EQUAL.
C1					SAME AS TYPE "C" EXCEPT WITH BATTERY PACK.	
D	2	13	COMPACT FLUOR. TT	32	SURFACE MOUNTED DRUM LIGHT	PRESCOLITE #9458
E	1	100	INCAND.	100	RECESSED MOUNTED INCANDESCENT DOWNLIGHT GOTHAM A SERIES WITH 5" APERTURE, CLEAR REFLECTOR COLOR AND SPECULAR LOW IRIDESCENT FINISH.	LITHONIA GOTHAM SERIES A A 5AR OR APPROVED EQUAL.
F	1	150	PAR 38	150	INCANDESCENT TRACK LIGHT GOTHAM TRACK SERIES TP 38	LITHONIA GOTHAM TRACK SERIES TP 38 OR APPROVED EQUAL.
G	1	70	HPS	100	WALL MOUNTED EXTERIOR LIGHTING FIXTURE SERIES HV WITH HIGH ABUSE CAST ALUMINUM SURFACE LUMINAIRES AND HIGH PRESSURE SODIUM LAMP.	FAIL SAFE HVV-70S-120-OPL OR APPROVED EQUAL.
X			LED	7.4	EXIT SIGN WITH 6" HIGH GREEN, ARROWS AS INIDCATED ON PLANS, HOUSING, UNIVERSAL MOUNTING, TAMPER PROOF SCREWS AND HIGH IMPACT SHIELD.	LITHONIA # LES1G 120 ELN VR OR APPROVED EQUAL.

LIGHTING FIXTURE SCHEDULE NOTES:

1. VERIFY VOLTAGE OF ALL FIXTURES WITH CIRCUITING SHOWN PRIOR TO BID AND SHOP DRAWING SUBMITTAL.
2. SURFACE MOUNTED FLUORESCENT LIGHTING FIXTURES SHALL BE U.L. LABELED AS SUITABLE FOR DIRECT MOUNTING ON LOW DENSITY CEILINGS, WITHOUT THE USE OF "STAND OFF" BRACKETS ON TOP OF FIXTURE HOUSING.
3. ALL RECESSED LIGHTING FIXTURES SHALL BE COMPATIBLE FOR MOUNTING IN ASSOCIATED CEILING. PROVIDE NECESSARY MOUNTING HARDWARE AS REQUIRED FOR EACH CEILING TYPE.

SYMBOLS LIST

- EXIT LIGHT, WALL OR CEILING MOUNTED, SEE LIGHTING FIXTURE SCHEDULE. SHADED PORTION INDICATES EXIT SIGN. FACE AND ARROW INDICATES DIRECTION
- A/98 LIGHTING FIXTURE DESIGNATION: "A" INDICATES FIXTURE; SEE LIGHTING FIXTURE SCHEDULE. "98" INDICATES TOTAL WATTAGE.
- 125 VOLT, 2P, 3W, 15 AMP NEMA 5-15R GROUNDING TYPE DUPLEX CONVENIENCE RECEPTACLE VERTICALLY MOUNTED AT +18" U.O.N.
- 125 VOLT, 2P. 3W. 15 AMP RATED ISOLATED GROUND TYPE DUPLEX COMPUTER RECEPTACLE, ORANGE COLOR (WITH ONE (1) INSULATED GND. WIRE FOR EACH CIRCUIT), FLUSH WALL MTD. AT +18" MFR. PASS & SEYMOUR #IG9200-HG AND HUBBELL #IG5262H
- S TOGGLE SWITCH, +4'-0" TO TOP. SUFFIXES ON SWITCH SYMBOLS SHALL INDICATE THE FOLLOWING: NO SUFFIX = SINGLE POLE; 2 = 2 POLE; 3 = 3 WAY; 4 = 4 WAY; K = KEY OPERATED; MC = DPST MOMENTARY CONTACT SWITCH; P = WITH PILOT LIGHT; o, b, c, ETC. INDICATES OUTLET CONTROLLED; LV = LOW VOLTAGE SWITCH; M = TOGGLE SWITCH MOTOR CONTROLLER WITH THERMAL OVERLOAD
- WIREMOLD 4000 SERIES METAL RACEWAY WITH FITTINGS & OUTLETS 24" ON CENTER
- JUNCTION BOX WALL MOUNTED AT +18" U.O.N.
- JUNCTION BOX 4-11/16" SQ. X 2-1/8" DEEP MOUNTED ABOVE ACCESSIBLE CEILING
- LA PANELBOARD OR SWITCHBOARD DESIGNATION
- FLUSH MOUNTED PANEL, +6'-6" TO TOP, U.O.N.
- SURFACE MOUNTED PANEL, +6'-6" TO TOP, U.O.N.
- TRANSFORMER, SEE SINGLE LINE DIAGRAM
- CIRCUIT BREAKER, SEE SINGLE LINE DIAGRAM
- MOTOR OUTLET
- DISCONNECT SWITCH, SIZE NUMBER OF POLES AND FUSE RATING AS INDICATED.
- GROUNDING ELECTRODE, SEE SINGLE LINE DIAGRAM
- A-1,3 CONDUIT HOMERUN TO PANEL "A"; CIRCUITS 1,3
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS
- CONDUIT RUN CONCEALED UNDER FLOOR OR BELOW GRADE
- CONDUIT RUN EXPOSED
- CONDUIT STUB-OUT, CAPPED
- CONDUIT UP
- CONDUIT DOWN
- FLEXIBLE CONDUIT
- C 1/2"C. 6#14 FOR CLOCK SYSTEM WIRING.
- T 1/2"C. 1#22 5 CONDUCTOR CABLE FOR TELEPHONE SYSTEM WIRING.
- FA SEE FIRE ALARM RISER DIAGRAM FOR CONDUIT AND WIRE FILL.
- S 1/2"C.O. FOR SECURITY SYSTEM WIRING.
- 1/2"C. 2#12 — 1/2"C. 5#12
- 1/2"C. 3#12 — 3/4"C. 6#10
- 1/2"C. 4#12 — 3/4"C. 7#10
- FLUSH MOUNTED TELEPHONE OUTLET MTD. AT + 18" WITH 3/4"C.O. STUBBED INTO CEILING SPACE ABOVE.
- FLUSH MOUNTED DATA OUTLET MTD. AT + 18" WITH 3/4"C.O. STUBBED INTO CEILING SPACE ABOVE.
- XW LOCATED IN CONDUIT RUN INDICATES REMOVE EXISTING WIRE AND REINSTALL NEW WIRE. HASH MARKS INDICATE NUMBER AND SIZE OF WIRES AS SHOWN ABOVE.
- X ADJACENT TO LIGHT FIXTURE, OUTLET SYMBOL OR IN CONDUIT RUN INDICATES EXISTING TO REMAIN.
- XR ADJACENT TO LIGHT FIXTURE, OUTLET SYMBOL OR IN CONDUIT RUN INDICATES EXISTING TO BE REMOVED.
- XRR ADJACENT TO LIGHT FIXTURE, OUTLET SYMBOL OR IN CONDUIT RUN INDICATES EXISTING TO BE REMOVED AND REPLACED WITH NEW DEVICE SHOWN.

MOTION SENSOR SYMBOLS

- W - 2000A
- W - 2000H
- W - 1000A
- W - 500A
- WI - 200
- CI - 200
- POWER PACK
- SLAVE PACK

GENERAL NOTES:

1. PROVIDE RELAY PACKS, MISCELLANEOUS INTERFACE HARDWARE AS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING LIGHTING CONTROL SYSTEM (OCCUPANCY SENSORS, OR OCCUPANCY SENSORS AND SWITCHING DEVICES)
2. LIGHTING SWITCHING DEVICES (SWITCHES AND DIMMERS TO BE CONNECTED IN SERIES WITH OCCUPANCY SENSOR SYSTEM
3. COORDINATE WITH THE WATTSTOPPER REPRESENTATIVE MR. JIM SPARLING (TELEPHONE # 714 262-9237 OR 1-800-879-8585 PRIOR TO PURCHASE AND INSTALLATION OF MOTION SENSOR DEVICES & HARDWARE

ABBREVIATIONS

C.B.	CIRCUIT BREAKER	V.D.	VOLTAGE DROP
CKT	CIRCUIT	W.P.	WEATHERPROOF
C.O.	CONDUIT ONLY	PNL	PANEL
GFI	GROUND FAULT INTERRUPTER	S.E.	SERVICE ENTRANCE
ISCA	SHORT CIRCUIT CURRENT	V.L.	VERIFY LOCATION IN THE FIELD PRIOR TO ROUGH-IN.
U.G.	UNDERGROUND	A.I.C.	AMPERE INTERRUPTING CAPACITY RATING.
U.O.N.	UNLESS OTHERWISE NOTED	TYP.	TYPICAL
AS	AMPERE SWITCH	AF	AMPERE FUSE

NOTES:

1. THE ELECTRICAL DRAWINGS INDICATE NEW WORK. EXISTING ELECTRICAL SYSTEMS ARE NOT SHOWN EXCEPT WHERE INTERFACING IS REQUIRED.
2. CONSULT WITH THE DISTRICT'S ELECTRICAL INSPECTOR BEFORE STARTING WORK.
3. THE ELECTRICAL PLANS ARE DEVELOPED FROM AS-BUILT DRAWINGS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE CIRCUIT CONTINUITY FOR A WORKABLE SYSTEM.
4. EACH EMPTY CONDUIT SHALL HAVE A PULL CORD INSTALLED IN IT.
5. ALL ELECTRICAL SYMBOLS SHOWN ON SCHEDULES ARE NOT NECESSARILY USED ON THIS PROJECT.
6. VERIFY EXACT LOCATION OF ALL EXISTING ELECTRICAL SWITCHGEAR, SIGNAL CABINETS (TEL/INTERCOM, F.A.,CABLE TV., AND SECURITY) PRIOR TO BID AND INSTALLATION AND NOTIFY SCHOOL DISTRICT OF ANY DISCREPANCY WITH THEIR PLANS.
7. EACH PANELBOARD SHALL BE GROUNDED WITH A 3/4" X 10' LONG COPPER CLAD STEEL GROUND ROD. GROUND ROD SHALL EXTEND 6" ABOVE FINISH GRADE.
8. UNLESS SPECIFIED ON STRUCTURAL DRAWING, ANY ALTERATIONS OR MODIFICATIONS TO A STRUCTURE ELEMENT BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL BY STRUCTURAL ENGINEER OF RECORD AND DSA PRIOR TO START OF WORK.

THIS IS A COMPLETE FIRE ALARM SUBMITTAL

SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ELECTRICAL ENGINEER'S INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO 1998 CALIFORNIA BUILDING CODE, SECTION 1630A AND TABLE 16A-O. ANCHORAGE DETAILS FOR FLOOR- OR ROOF-MOUNTED, BUT NOT SUSPENDED, EQUIPMENT WEIGHING LESS THAN 400 POUNDS (181 KG.), EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUPPORTED BY VIBRATION ISOLATORS AND EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL MAY BE OMITTED FROM THE DRAWINGS.

EARTHQUAKE RESTRAINT:

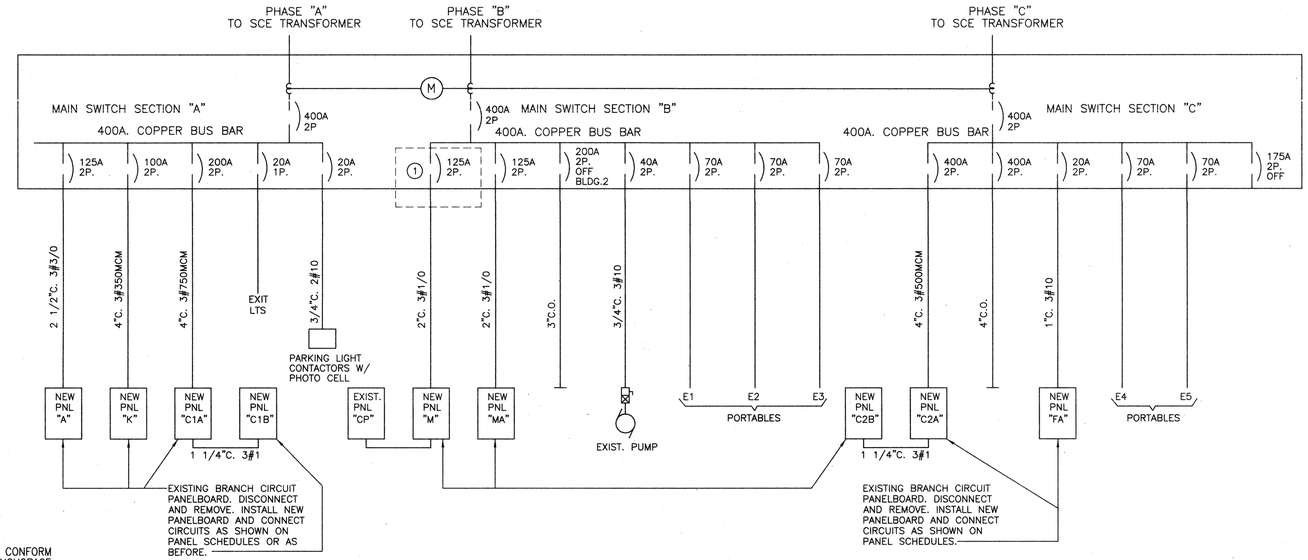
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE — 20% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE — 30% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT - USE 4X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE - USE 1/3X HORIZONTAL FORCE.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL AND/OR STRUCTURAL ENGINEER AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



SINGLE LINE DIAGRAM

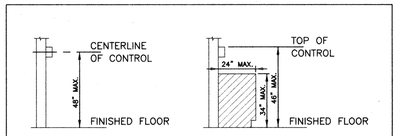
NOT TO SCALE

REFERENCE NOTE:

(1) EXISTING 125A, 2P CIRCUIT BREAKER, DISCONNECT AND REMOVE. FURNISH AND INSTALL NEW 150A, 2P AS SHOWN. PROVIDE ALL MOUNTING HARDWARE, LABOR, ETC. NECESSARY TO COMPLETE INSTALLATION.

NOTES:

1. ALL WIRE SIZES SHOWN ARE BASED ON 600V. TYPE THHN/THWN CU.
2. SEE SHEET SITE PLAN FOR LOCATION OF EXISTING DISTRIBUTION EQUIPMENT.
3. PANELBOARD CIRCUIT BREAKERS SHALL HAVE A MINIMUM AIC RATING OF 10,000A. (SYM.).
4. GROUNDING TEST SHALL BE WITNESSED BY SITE INSPECTOR.



MOUNTING HEIGHT OVER OBSTRUCTION

DSA PLAN REVIEW SUBMITTAL
DSA BACK CHECK SUBMITTAL
BID SET ISSUED
01/26/01

DE ENGINEERING, GROUP
600 West Broadway
Suite 250
Glendale, Ca. 91204
(818) 265-9720

REGISTERED PROFESSIONAL ENGINEER — No. 13592 — Exp. 6-30-01 — ELECTRICAL — STATE OF CALIFORNIA

LICENSED ARCHITECT — JAMES R. TITTLE — NO. 12955 — REN. 11-30-00 — STATE OF CALIFORNIA

NTD ARCHITECTS
2026 Financial Way, Suite 106 Glendora • San Diego • Auburn

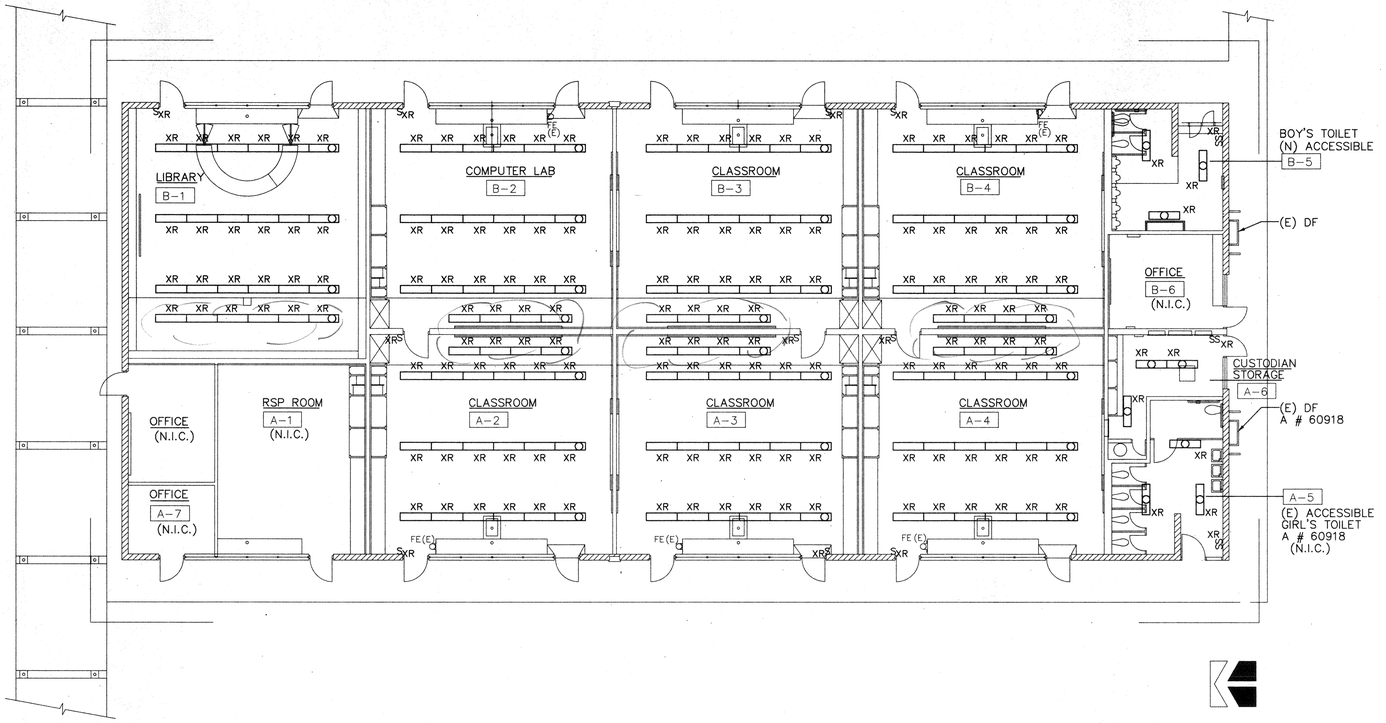
ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

SYMBOLS LIST, SCHEDULE AND LIGHTING COMPLIANCES

DATE 10/17/00
JOB NO. 98192
DRAWN CAD
CHECKED D. EVANS

SHEET OF
E-1.1

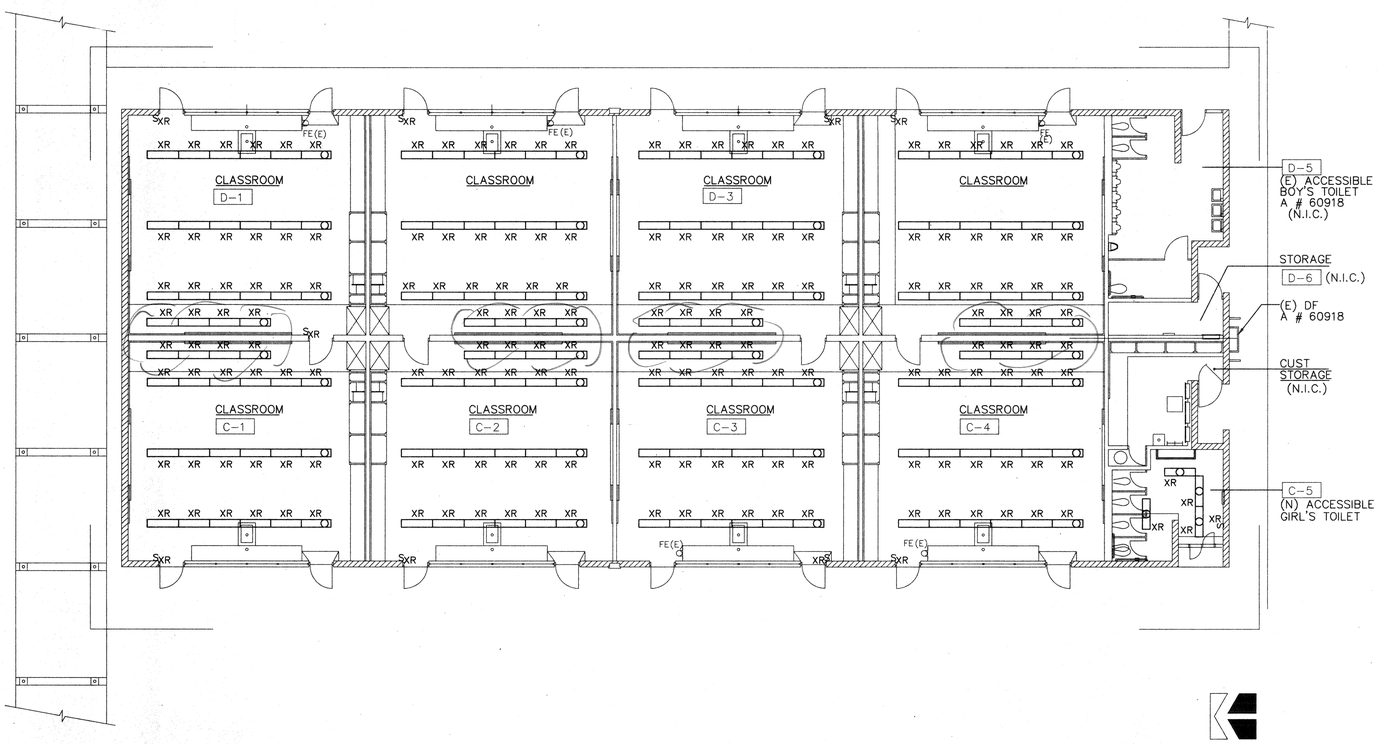
H:\DE Projects\Westminster\Willmore\Willmore1.1.dwg Tue Dec 26 12:44:54 2000



FORMERLY KNOWN AS C-1

CLASSROOM BUILDING - "A - B" DEMOLITION PLAN

SCALE 1/8 " = 1'-0"



FORMERLY KNOWN AS C-2

CLASSROOM BUILDING - "C - D" DEMOLITION PLAN

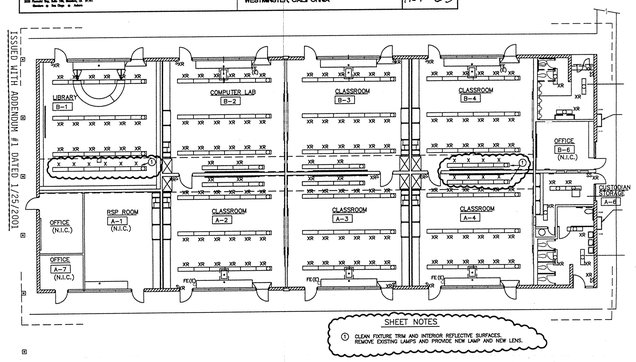
SCALE 1/8 " = 1'-0"

3.27 SHEET E-2.1 - BLDGS. 'A-B' + 'C-D' DEMOLITION PLANS

94. **ADDENDUM DRAWING AD1-3** is issued with this Addendum #1 to show partial drawing typical for all classrooms in Bldgs. 'A – B' and 'C – D'.

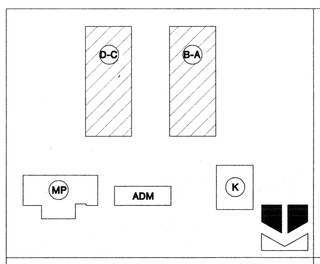
Per Add #1

DSA# 4-101416	TAKEN FROM SHEET: E-2.1	DATE: 01/25/01
NTD ARCHITECTS	ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL WESTMINSTER SCHOOL DISTRICT WESTMINSTER, CALIFORNIA	JOB: 1998-0192
		A01-03



SHEET NOTES

① CLEAN FIXTURE TRIM AND INTERIOR REFLECTIVE SURFACES. REMOVE EXISTING LAMPS AND PROVIDE NEW LAMP AND NEW LENS.



KEY PLAN

DSA PLAN REVIEW SUBMITTAL

DSA BACK CHECK SUBMITTAL

01/02/01 BID SET ISSUED

DL ENGINEERING, GROUP
600 West Broadway
Suite 250
Glendale, Ca. 91204
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LICENSED ARCHITECT JAY R. TITTLE NO. 12955 REN. 11-30-99 STATE OF CALIFORNIA

NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

BLDGS. "A-B" + "C-D" DEMOLITION PLANS

DATE 12/27/00
JOB NO. 98192
DRAWN CAD
CHECKED D EVANS

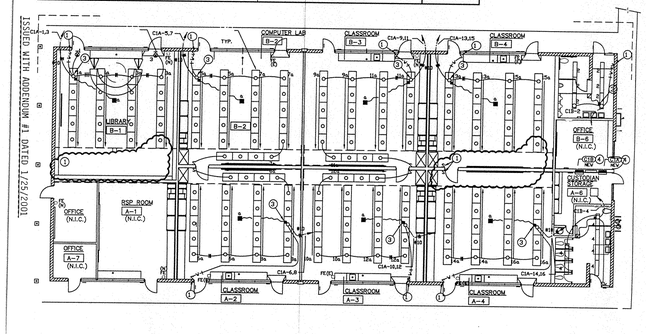
SHEET OF

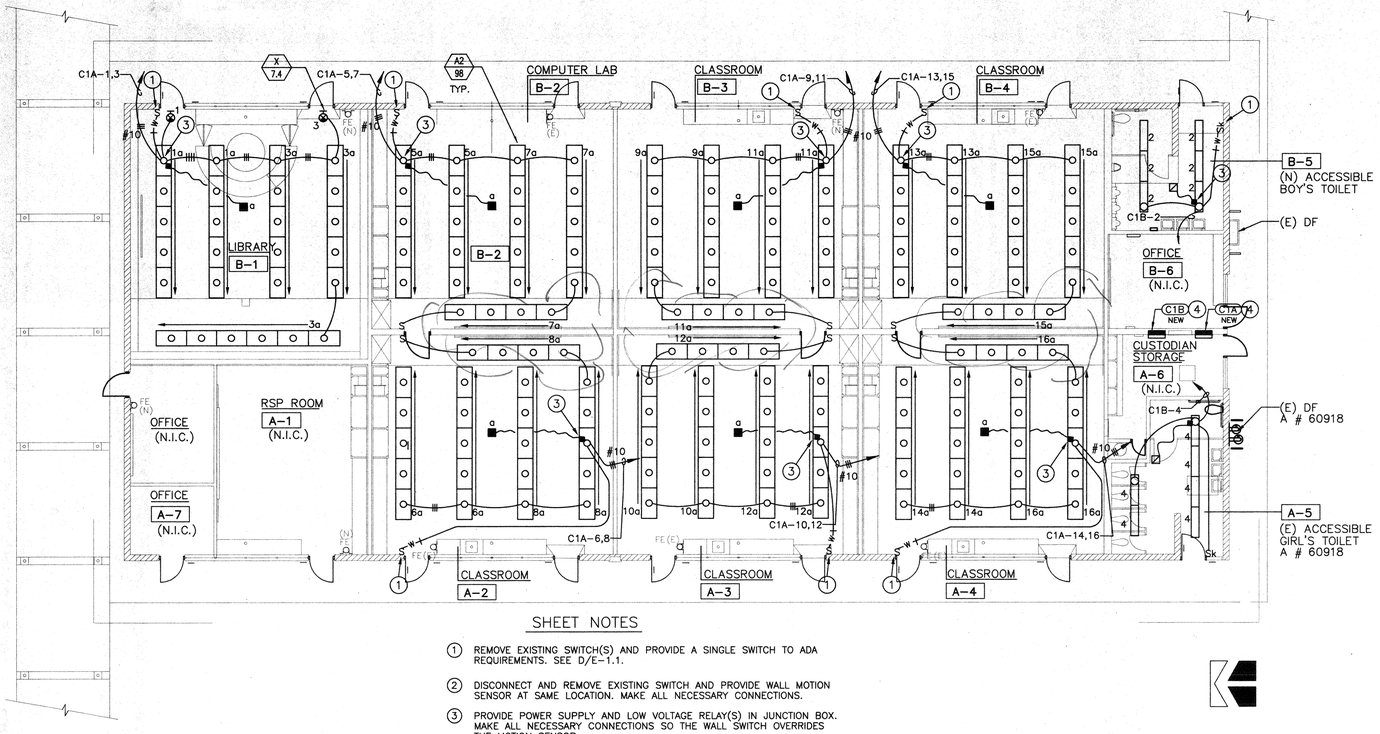
E-2.1

H:\DLE Projects\WestminsterMarie\Modernization\WillmoreNew\WillmoreE2.1.dwg Tue Dec 26 12:57:50 2000

DSA# 4-101416	TAKEN FROM SHEET: E-2.1	DATE: 01/25/01
NTD ARCHITECTS	ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL WESTMINSTER SCHOOL DISTRICT WESTMINSTER, CALIFORNIA	JOB: 1998-0192
		AD1-04

ISSUED WITH ADDENDUM #1 DATED 1/25/2001





SHEET NOTES

1. REMOVE EXISTING SWITCH(S) AND PROVIDE A SINGLE SWITCH TO ADA REQUIREMENTS. SEE D/E-1.1.
2. DISCONNECT AND REMOVE EXISTING SWITCH AND PROVIDE WALL MOTION SENSOR AT SAME LOCATION. MAKE ALL NECESSARY CONNECTIONS.
3. PROVIDE POWER SUPPLY AND LOW VOLTAGE RELAY(S) IN JUNCTION BOX. MAKE ALL NECESSARY CONNECTIONS SO THE WALL SWITCH OVERRIDES THE MOTION SENSOR.
4. EXISTING PANEL, REMOVE INTERIOR(S) AND MOUNT NEW PANEL ON TOP OF EXISTING ENCLOSURE. PROVIDE CONDUIT NIPPLES TO NEW PANEL AND EXTEND FEEDERS AND BRANCH CONDUCTORS TO THE NEW PANEL AND MAKE ALL NECESSSARY CONNECTIONS. COVER ALL OPENINGS WITH METAL TO MATCH EXISTING THICKNESS AND STRENGTH.

FORMERLY KNOWN AS C-1

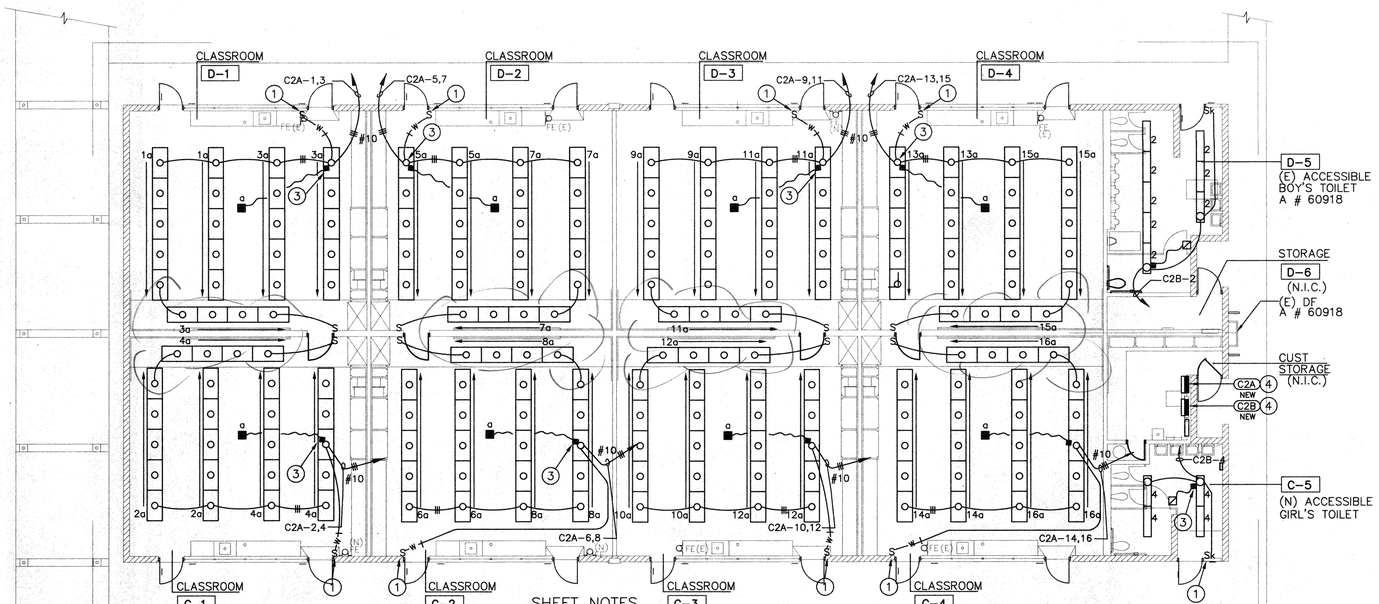
CLASSROOM BUILDING - "A - B" LIGHTING PLANS

SCALE 1/8 " = 1'-0"

3.28 SHEET E-2.1.1 - BLDGS. 'A-B' + 'C-D' LIGHTING PLANS

95. ADDENDUM DRAWING AD1-4 is issued with this Addendum #1 to show

Per Addd #1



SHEET NOTES

1. REMOVE EXISTING SWITCH(S) AND PROVIDE A SINGLE SWITCH TO ADA REQUIREMENTS. SEE D/E-1.1.
2. DISCONNECT AND REMOVE EXISTING SWITCH AND PROVIDE WALL MOTION SENSOR AT SAME LOCATION. MAKE ALL NECESSARY CONNECTIONS.
3. PROVIDE POWER SUPPLY AND LOW VOLTAGE RELAY(S) IN JUNCTION BOX. MAKE ALL NECESSARY CONNECTIONS SO THE WALL SWITCH OVERRIDES THE MOTION SENSOR.
4. EXISTING PANEL, REMOVE INTERIOR(S) AND MOUNT NEW PANEL ON TOP OF EXISTING ENCLOSURE. PROVIDE CONDUIT NIPPLES TO NEW PANEL AND EXTEND FEEDERS AND BRANCH CONDUCTORS TO THE NEW PANEL AND MAKE ALL NECESSSARY CONNECTIONS. COVER ALL OPENINGS WITH METAL TO MATCH EXISTING THICKNESS AND STRENGTH.

FORMERLY KNOWN AS C-2

CLASSROOM BUILDING - "C - D" LIGHTING PLANS

SCALE 1/8 " = 1'-0"

NEW

VOLTAGE 120/240V. 1ø, 3W. — MOUNTING FLUSH — PANEL C1A — LOCATION BLDG. A-B ELEC. RM. — MAIN 200A — BUS SIZE 200A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
CLASSRM. #B-1 LTG.	6			744			20	1	2	20	–						SPARE
CLASSRM. #B-1 LTG.	6				744			3	4			–					SPARE
CLASSRM. #B-2 LTG.	5			620				5	6		620			5			CLASSRM. #A-2 LTG.
CLASSRM. #B-2 LTG.	4				496			7	8			496		4			CLASSRM. #A-2 LTG.
CLASSRM. #B-3 LTG.	5			620				9	10		620			5			CLASSRM. #A-3 LTG.
CLASSRM. #B-3 LTG.	4				496			11	12			496		4			CLASSRM. #A-3 LTG.
CLASSRM. #B-4 LTG.	5			620				13	14		620			5			CLASSRM. #A-4 LTG.
CLASSRM. #B-4 LTG.	4				496			15	16			496		4			CLASSRM. #A-4 LTG.
SPARE				–				17	18		540			3			EXISTING
SPARE					–			19	20			540		3			
EXISTING				540				21	22		540			3			
					540			23	24			540		3			
				540				25	26		865						
					540			27	28			865					
				865				29	30		865						
					865			31	32			865					
				865				33	34		–						SPARE
					865			35	36			–					SPARE
SPARE				–				37	38	100/2	7860						PANEL "C1B"
					–			39	40	2		6880					– –
				–				41	42		–						SPARE
TOTAL THIS SIDE				5414	5042						12530	11178					TOTAL THIS SIDE
TOTAL BOTH SIDES				17944	18220						34164						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD				13604					TOTALS 37565 VA 156.5 A		17005						LONG CONTINUOUS LOAD @ 125%
											20560						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @

NEW

VOLTAGE 120/240V. 1ø, 3W. — MOUNTING FLUSH — PANEL C1B — LOCATION BLDG. A-B ELEC. RM. — MAIN 100 M.L.O. — BUS SIZE 100A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
EXIST. EXTERIOR LTS.	5			900			20	1	2	20	1120			5	1		EXIST. BOYS & STO.
EXIST. EXTERIOR LTS.	5				900			3	4	20		1120		5	1		EXIST. GIRLS & STO.
EXIST. OFFICE		4		720				5	6	20/2	500						EXIST. CUST. STO.
EXIST. CUST. STORAGE		2		360				7	8	2		500					EXIST. ---
EXIST. EXTERIOR		2		1000			20/2	9	10	20	1620			9			EXIST. ARCADE
EXIST. ---					1000		2	11	12			1000					EXIST. WATER HEATER
EXIST. SPARE				–			20	13	14		–						EXIST. SPARE
EXIST. SPARE					–		20	15	16			–					EXIST. SPARE
EXIST. WALL HEATER				1000			20/2	17	18	20/2	1000						EXIST. WALL HEATER
EXIST. ---					1000		2	19	20	2		1000					EXIST. ---
SPACE								21	22								SPACE
								23	24								
								25	26								
								27	28								
								29	30								
								31	32								
								33	34								
								35	36								
								37	38								
								39	40								
								41	42								
TOTAL THIS SIDE				3620	3260						4240	3620					TOTAL THIS SIDE
TOTAL BOTH SIDES				7860	6880						14740						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD				3800					TOTALS 15690 VA 65.4 A		4750						LONG CONTINUOUS LOAD @ 125%
											10940						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @

NEW

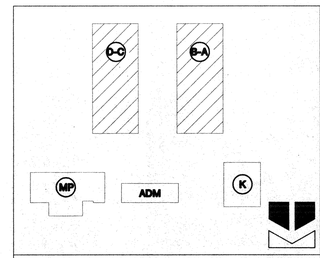
VOLTAGE 120/240V. 1ø, 3W. — MOUNTING FLUSH — PANEL C2A — LOCATION BLDG. C-D ELEC. RM. — MAIN 200 A — BUS SIZE 200A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
CLASSRM. #D-1 LTG.	5			620			20	1	2	20	620			5			CLASSRM. #C-1 LTG.
CLASSRM. #D-1 LTG.	4				496			3	4			496		4			CLASSRM. #C-1 LTG.
CLASSRM. #D-2 LTG.	5			620				5	6		620			5			CLASSRM. #C-2 LTG.
CLASSRM. #D-2 LTG.	4				496			7	8			496		4			CLASSRM. #C-2 LTG.
CLASSRM. #D-3 LTG.	5			620				9	10		620			5			CLASSRM. #C-3 LTG.
CLASSRM. #D-3 LTG.	4				496			11	12			496		4			CLASSRM. #C-3 LTG.
CLASSRM. #D-4 LTG.	5			620				13	14		620			5			CLASSRM. #C-4 LTG.
CLASSRM. #D-4 LTG.	4				496			15	16			496		4			CLASSRM. #C-4 LTG.
SPARE				–				17	18		540			3			EXISTING
SPARE					–			19	20			540		3			
EXISTING		3		540				21	22		540			3			
		3			540			23	24			540		3			
		3		540				25	26		865						
		3			540			27	28			865					
				865				29	30		865						
					865			31	32			865					
				865				33	34		–						SPARE
					865			35	36			–					SPARE
SPARE				–				37	38	100/2	5660						PANEL "C2B"
					–			39	40	2		5200					– –
				–				41	42		–						SPARE
TOTAL THIS SIDE				5290	4794						10950	9994					TOTAL THIS SIDE
TOTAL BOTH SIDES				18240	14788						31028						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD				12888					TOTALS 34250 VA 142.7 A		16110						LONG CONTINUOUS LOAD @ 125%
											18140						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @

NEW

VOLTAGE 120/240V. 1ø, 3W. — MOUNTING FLUSH — PANEL C2B — LOCATION BLDG. C-D ELEC. RM. — MAIN 100 M.L.O. — BUS SIZE 100A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
EXIST. EXTERIOR LTS.	6			1080			20	1	2	20	1080			5	1		EXIST. BOYS & STO.
EXIST. EXTERIOR LTS.	6				1080			3	4	20		1080		5	1		EXIST. GIRLS & STO.
EXIST. W. HEATER			1	1000				5	6	20/2	500						EXIST. CUST. PLAY EQUIP
EXIST. CUST. PLAY EQUIP		1			540			7	8	2		500					EXIST. ---
EXIST. EXTERIOR		2		1000			20/2	9	10	20/2	1000			9			EXIST. WALL HEATER
EXIST. ---					1000		2	11	12	2		1000					EXIST. ---
EXIST. SPARE				–			20	13	14	20							EXIST. SPARE
EXIST. SPARE					–		20	15	16								EXIST. SPARE
SPACE								17	18								SPARE
								19	20								
								21	22								
								23	24								
								25	26								
								27	28								
								29	30								
								31	32								
								33	34								
								35	36								
								37	38								
								39	40								
								41	42								
TOTAL THIS SIDE				3080	2620						2580	2580					TOTAL THIS SIDE
TOTAL BOTH SIDES				5660	5200						10860						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD				3960					TOTALS 11850 VA 49.4 A		4950						LONG CONTINUOUS LOAD @ 125%
											5900						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @



KEY PLAN

DSA PLAN REVIEW SUBMITTAL
DSA BACK CHECK SUBMITTAL

REGISTERED PROFESSIONAL ENGINEER No. 13592 Dec. 31, 2001 STATE OF CALIFORNIA

DL ENGINEERING, GROUP
600 West Broadway
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LICENSED ARCHITECT STEVEN R. TITTLE No. 12955 REN. 11-30-01 STATE OF CALIFORNIA

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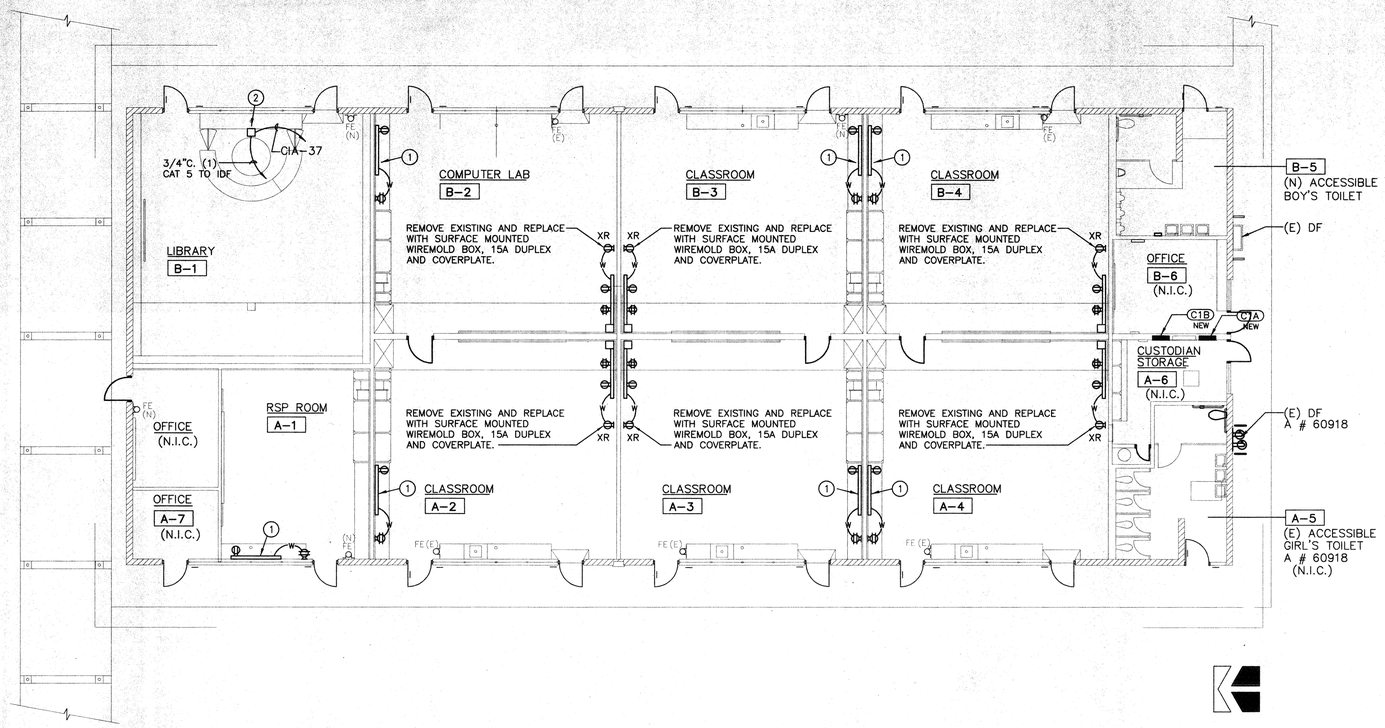
Glendora • San Diego • Auburn

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

BLDGS. 'A-B' + 'C-D' LIGHTING PLANS

DATE 12/27/00
JOB NO. 98192
DRAWN CAD
CHECKED D. EVANS

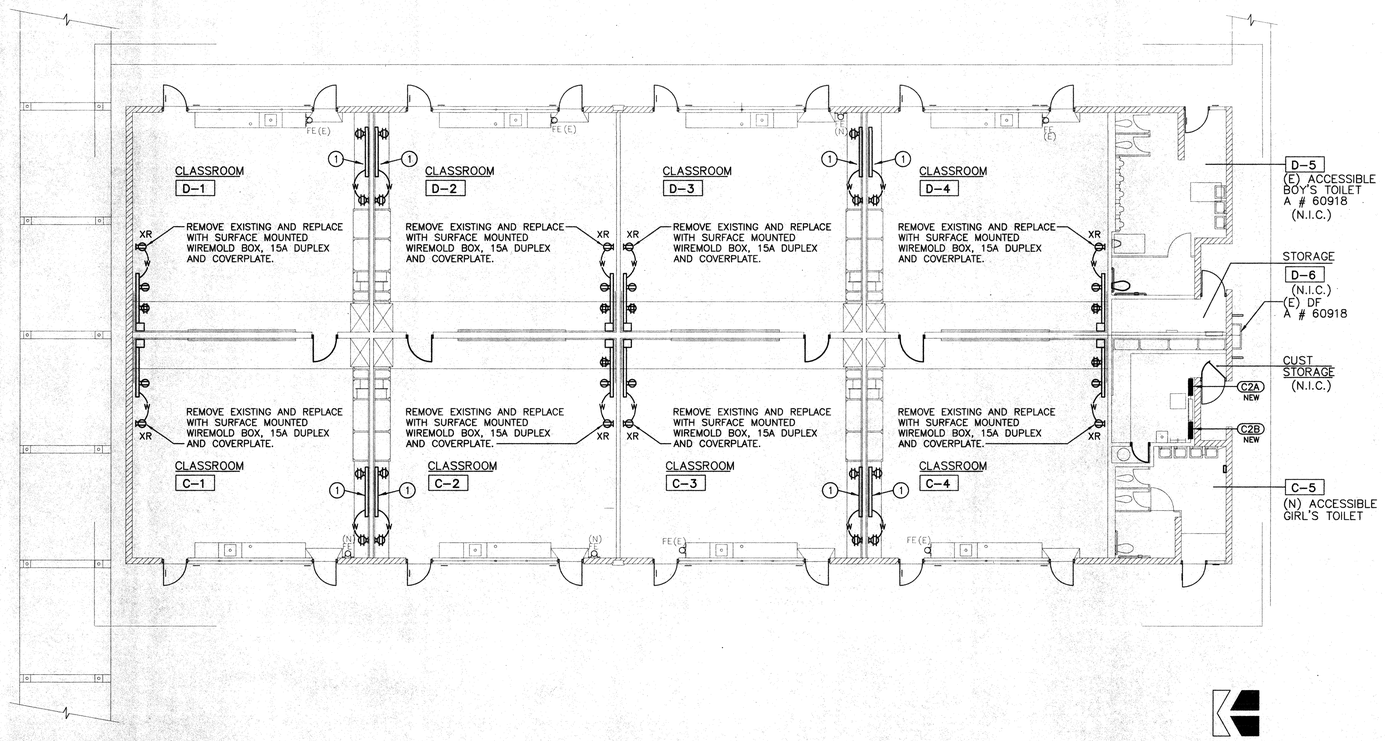
SHEET OF
E-2.1.1



FORMERLY KNOWN AS C-1

CLASSROOM BUILDING - "A - B" POWER PLANS

SCALE 1/8 " = 1'-0"



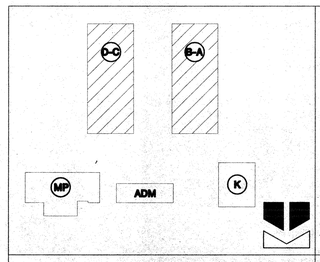
FORMERLY KNOWN AS C-2

CLASSROOM BUILDING - "C - D" POWER PLANS

SCALE 1/8 " = 1'-0"

SHEET NOTES

1. REMOVE AND REINSTALL EXISTING RECEPTACLE(S) AND WIREMOLD AND WIRE AND MAKE ALL NECESSARY CONNECTIONS. FIELD VERIFY EXACT LOCATION(S) AND COORDINATE WITH ARCHITECT.
2. PROVIDE POWER POLE WITH (2) DUPLEX RECEPTACLES AND (1) COMPUTER OUTLET.



KEY PLAN

DSA PLAN REVIEW SUBMITTAL
DSA BACK CHECK SUBMITTAL

DLE ENGINEERING, GROUP
600 West Broadway
Suite 250
Glendale, Ca. 91204
(818) 265-9720

NTD ARCHITECTS
2015 Financial Way, Suite 100 Glendora, CA 91741
Glendora • San Diego • Auburn

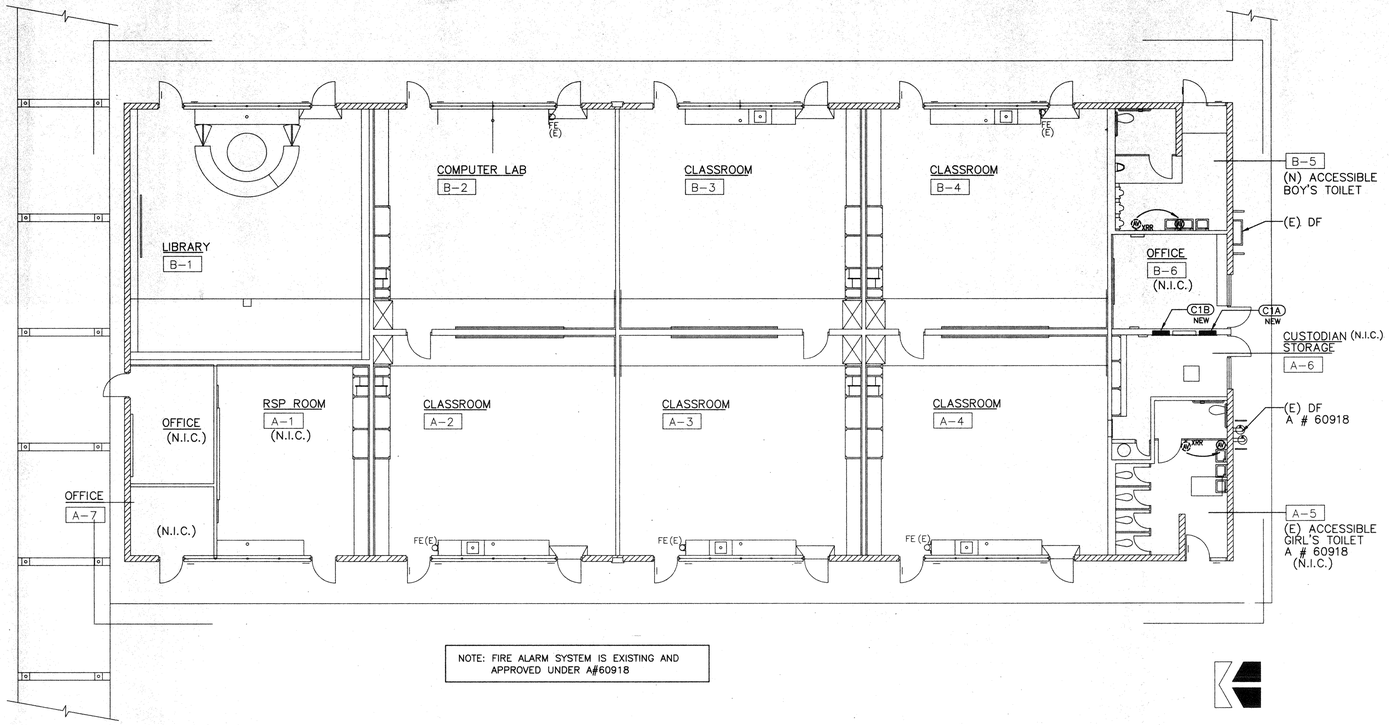
ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

BLDGS. "A-B" + "C-D" POWER PLANS

DATE 12/27/00
JOB NO. 98192
DRAWN CAD
CHECKED D. EVANS

SHEET OF

E-2.1.2

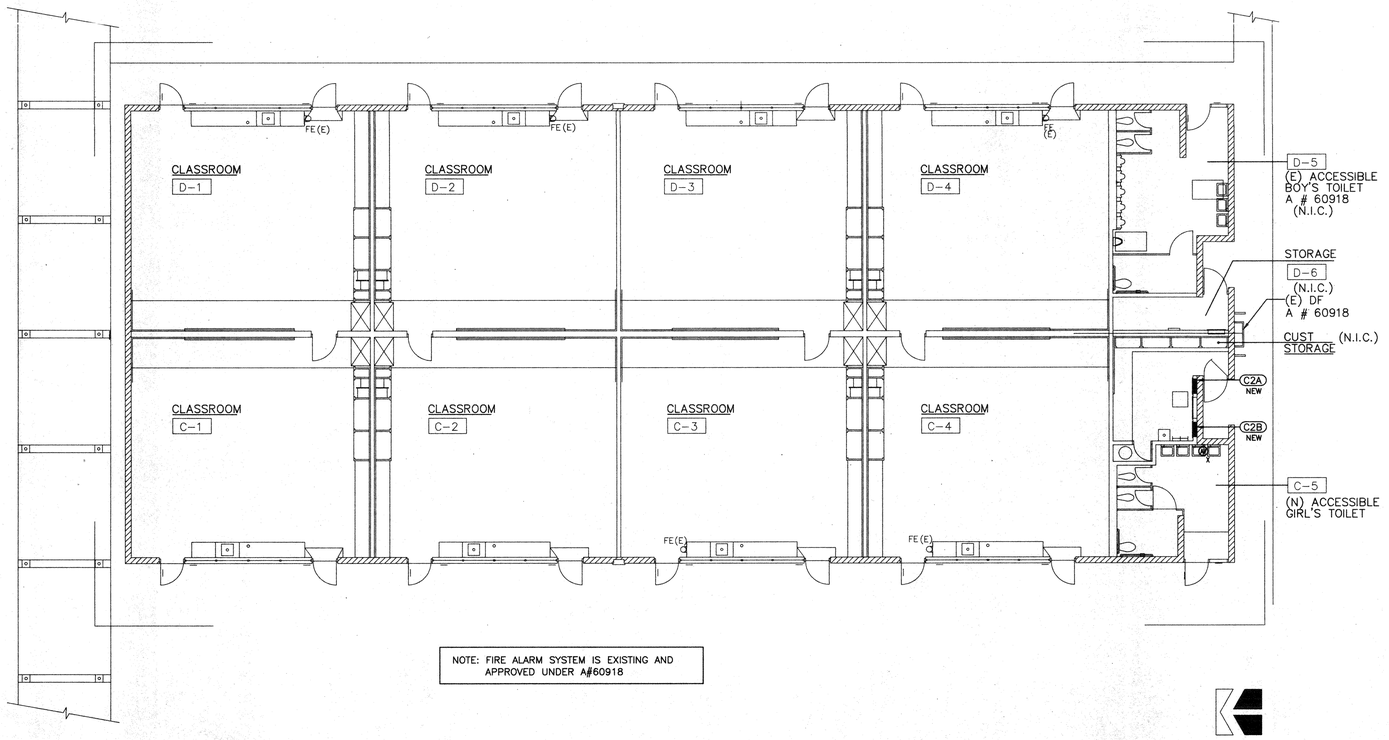


NOTE: FIRE ALARM SYSTEM IS EXISTING AND APPROVED UNDER A#60918

FORMERLY KNOWN AS C-1

CLASSROOM BUILDING - "A - B" FIRE ALARM PLANS

SCALE 1/8 " = 1'-0"

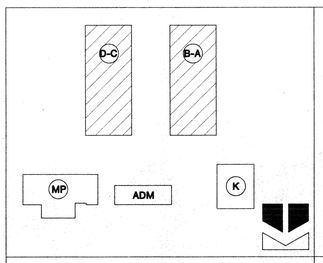


NOTE: FIRE ALARM SYSTEM IS EXISTING AND APPROVED UNDER A#60918

FORMERLY KNOWN AS C-2

CLASSROOM BUILDING - "C - D" FIRE ALARM PLANS

SCALE 1/8 " = 1'-0"



KEY PLAN

DSA PLAN REVIEW SUBMITTAL

DSA BACK CHECK SUBMITTAL

01/02/01 BID SET ISSUED

REGISTERED PROFESSIONAL ENGINEER
LEONARD T. OWEN
No. 13592
Exp.
STATE OF CALIFORNIA

DL ENGINEERING, GROUP
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LICENSED ARCHITECT
JAY R. TITTLE
NO. 12955
REN. 11-30-99
STATE OF CALIFORNIA

NTD
ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora • San Diego • Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

BLDGS. "A-B" + "C-D" FIRE ALARM PLANS

DATE 12/27/00
JOB NO. 98192
DRAWN CAD
CHECKED D EVANS

SHEET OF

E-2.1.3

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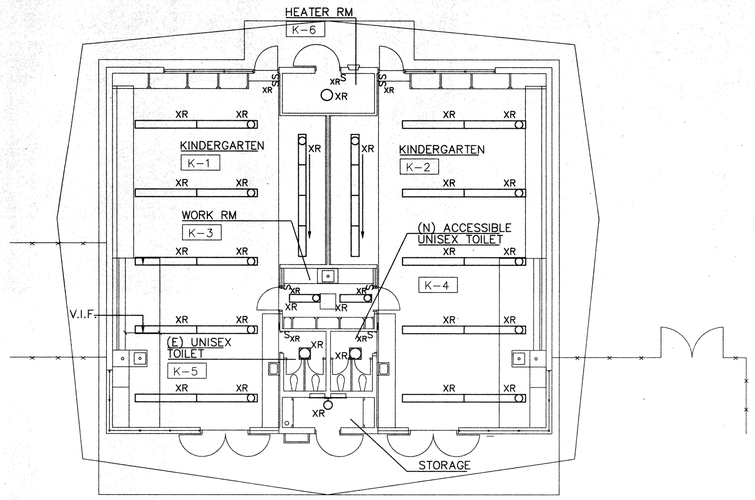
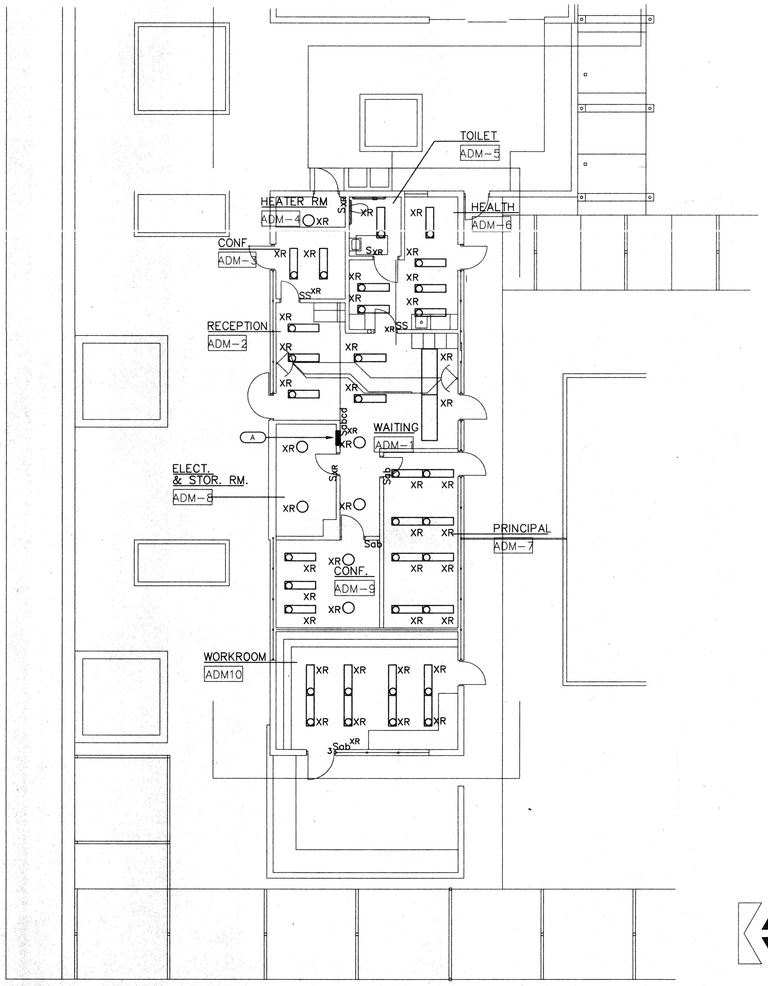


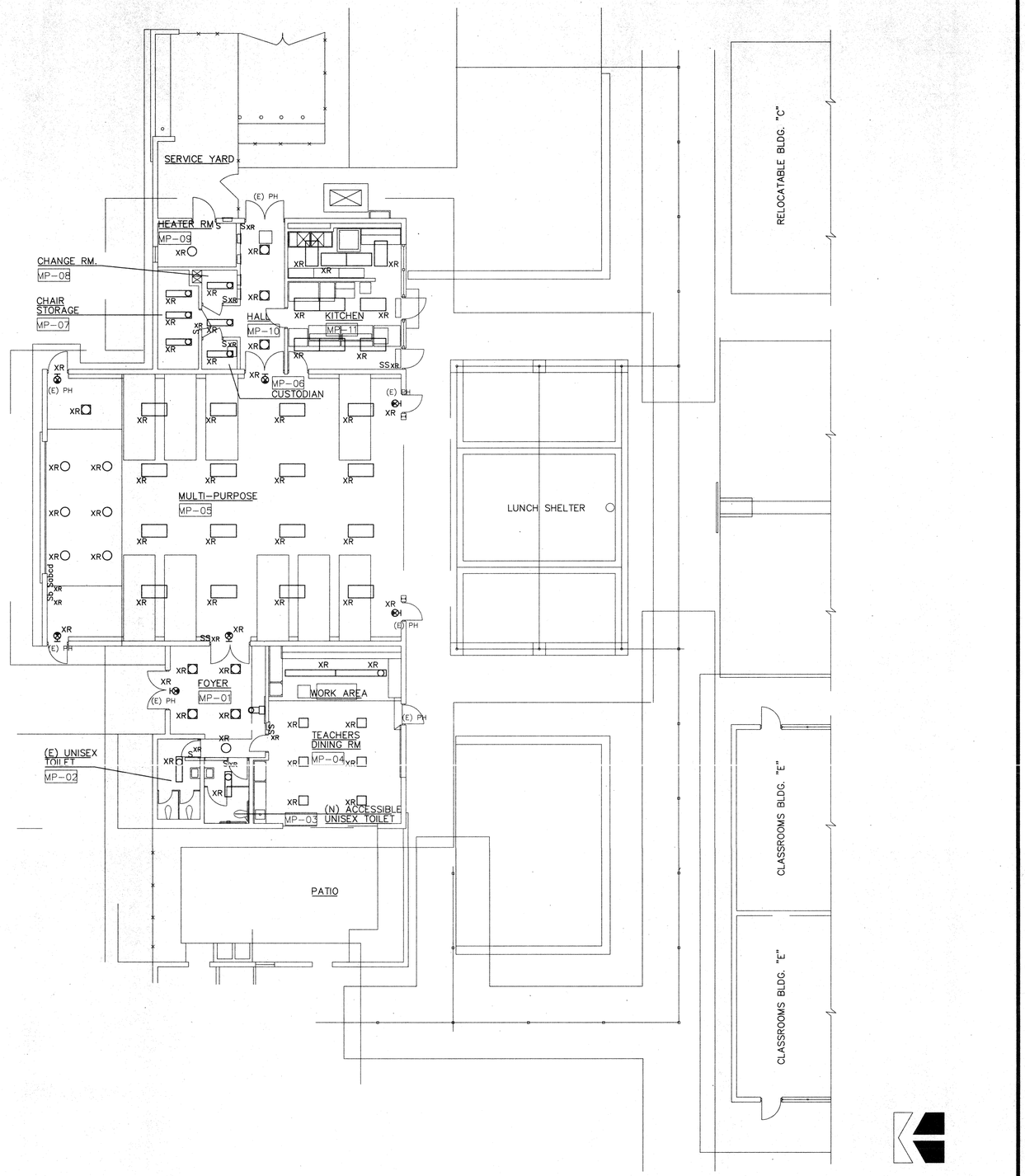
KINDERGARTEN BUILDING - "K" DEMOLITION PLAN

SCALE 1/8 " = 1'-0"



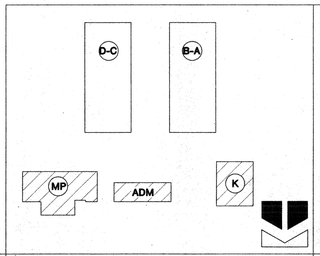
ADMINISTRATION BUILDING DEMOLITION PLAN

SCALE 1/8 " = 1'-0"



MULTI - PURPOSE - BUILDING DEMOLITION PLAN

SCALE 1/8 " = 1'-0"



KEY PLAN

DSA PLAN REVIEW SUBMITTAL	
DSA BACK CHECK SUBMITTAL	
BID SET ISSUED	01/02/01

DLE ENGINEERING, GROUP
600 West Broadway
Suite 250
Glendale, Ca. 91204
(818) 265-9720

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ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
Glendora ◦ San Diego ◦ Auburn

ALTERATIONS TO
WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

BLDGS. "K", ADMIN. + M-PURPOSE DEMO PLANS

DATE	1/9/2001
JOB NO.	98192
DRAWN	CAD
CHECKED	D. EVANS

SHEET OF

E-2.2

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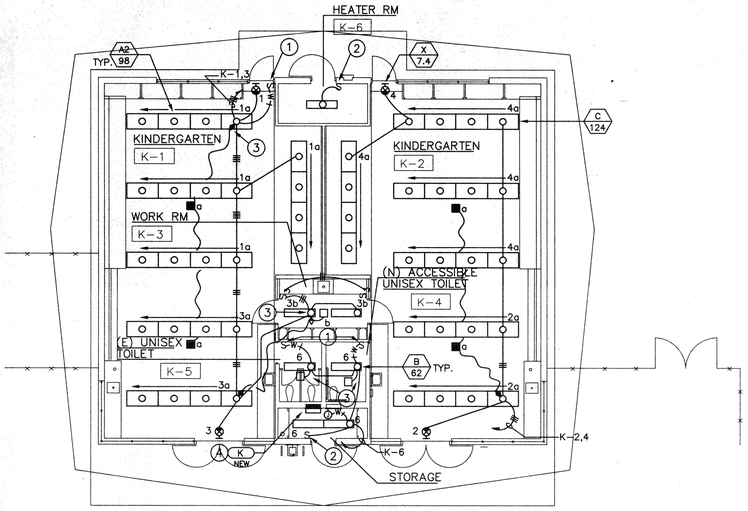
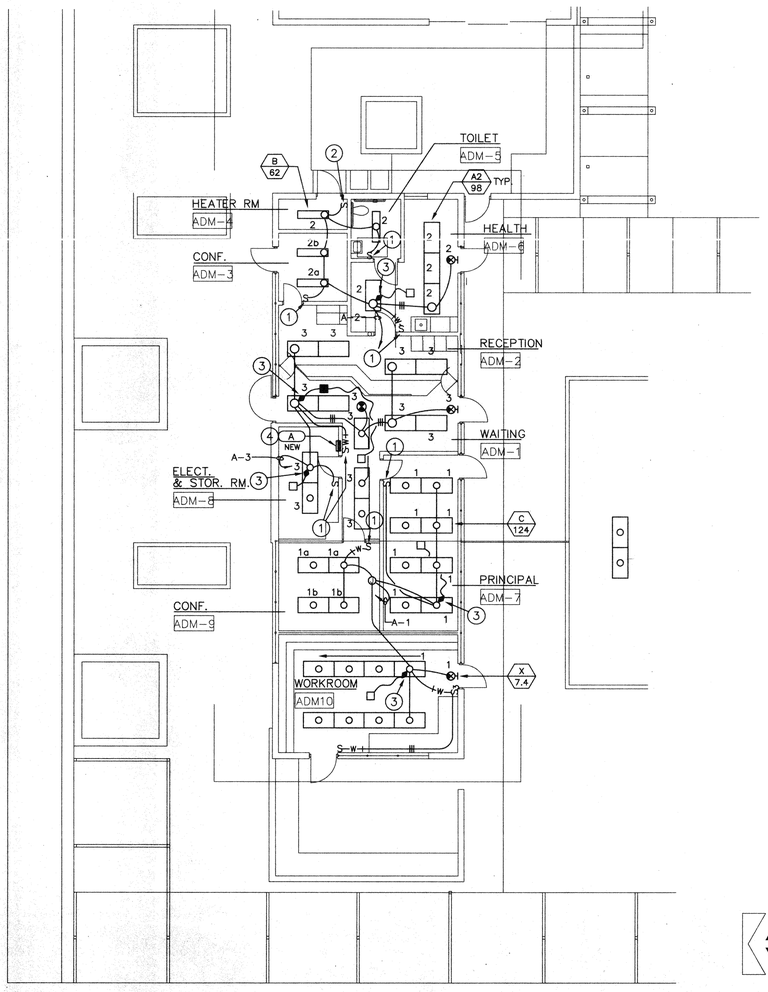


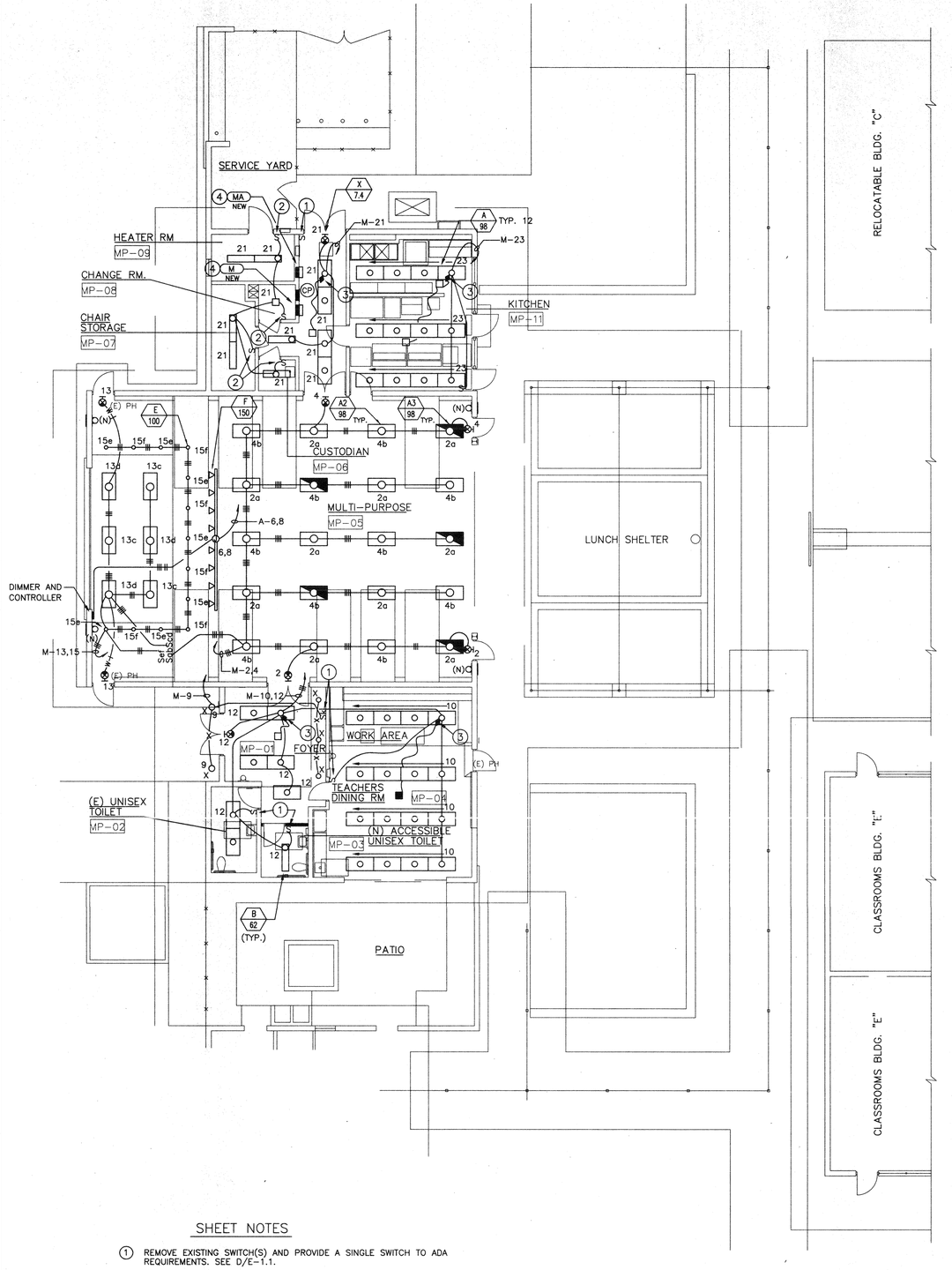
KINDERGARTEN BUILDING - "K" LIGHTING PLAN

SCALE 1/8 " = 1'-0"



ADMINISTRATION BUILDING LIGHTING PLAN

SCALE 1/8 " = 1'-0"

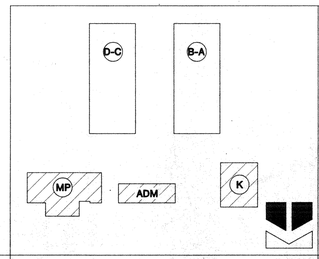


SHEET NOTES

1. REMOVE EXISTING SWITCH(S) AND PROVIDE A SINGLE SWITCH TO ADA REQUIREMENTS. SEE D/E-1.1.
2. DISCONNECT AND REMOVE EXISTING SWITCH AND PROVIDE WALL MOTION SENSOR AT SAME LOCATION. MAKE ALL NECESSARY CONNECTIONS.
3. PROVIDE POWER SUPPLY AND LOW VOLTAGE RELAY(S) IN JUNCTION BOX. MAKE ALL NECESSARY CONNECTIONS SO THE WALL SWITCH OVERRIDES THE MOTION SENSOR.
4. EXISTING PANEL, REMOVE INTERIOR(S) AND MOUNT NEW PANEL ON TOP OF EXISTING ENCLOSURE. PROVIDE CONDUIT NIPPLES TO NEW PANEL AND EXTEND FEEDERS AND BRANCH CONDUCTORS TO THE NEW PANEL AND MAKE ALL NECESSSARY CONNECTIONS. COVER ALL OPENINGS WITH METAL TO MATCH EXISTING THICKNESS AND STRENGTH.

MULTI - PURPOSE - BUILDING LIGHTING PLAN

SCALE 1/8 " = 1'-0"



KEY PLAN

DSA PLAN REVIEW SUBMITTAL
DSA BACK CHECK SUBMITTAL
01/02/01 BID SET ISSUED

DLE ENGINEERING, GROUP
600 West Broadway
Suite 250
Glendale, Ca. 91204
(818) 265-9720

NTD ARCHITECTS
2025 Financial Way, Suite 106 Glendora, CA 91741
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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL
WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA
BLDGS. "K", ADMIN + M-PURPOSE LTG. PLANS

DATE 12-27-00
JOB NO. 98192
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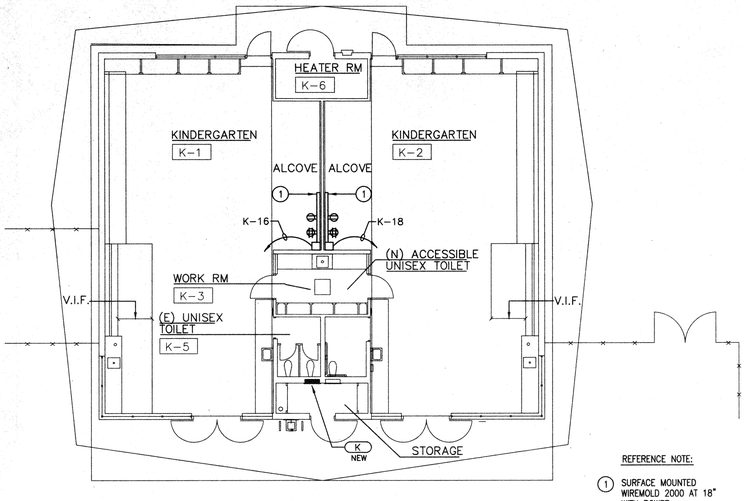
CHECKED D EVANS

SHEET OF
E-2.2.1

H:\DLE Projects\WestminsterMarie\Modernization\WillmoreNew\WillmoreE2.2.1.dwg Tue Dec 26 12:58:37 2000

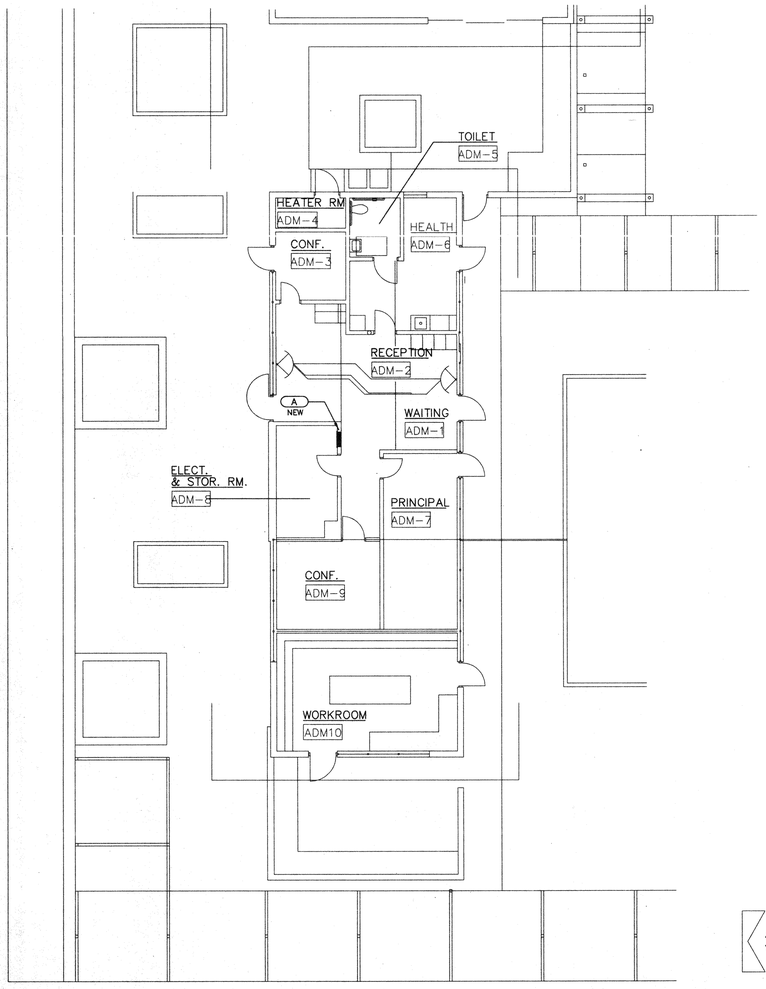


REFERENCE NOTE:

1. SURFACE MOUNTED WIREMOLD 2000 AT 18" WITH POWER OUTLETS 24" ON CENTER

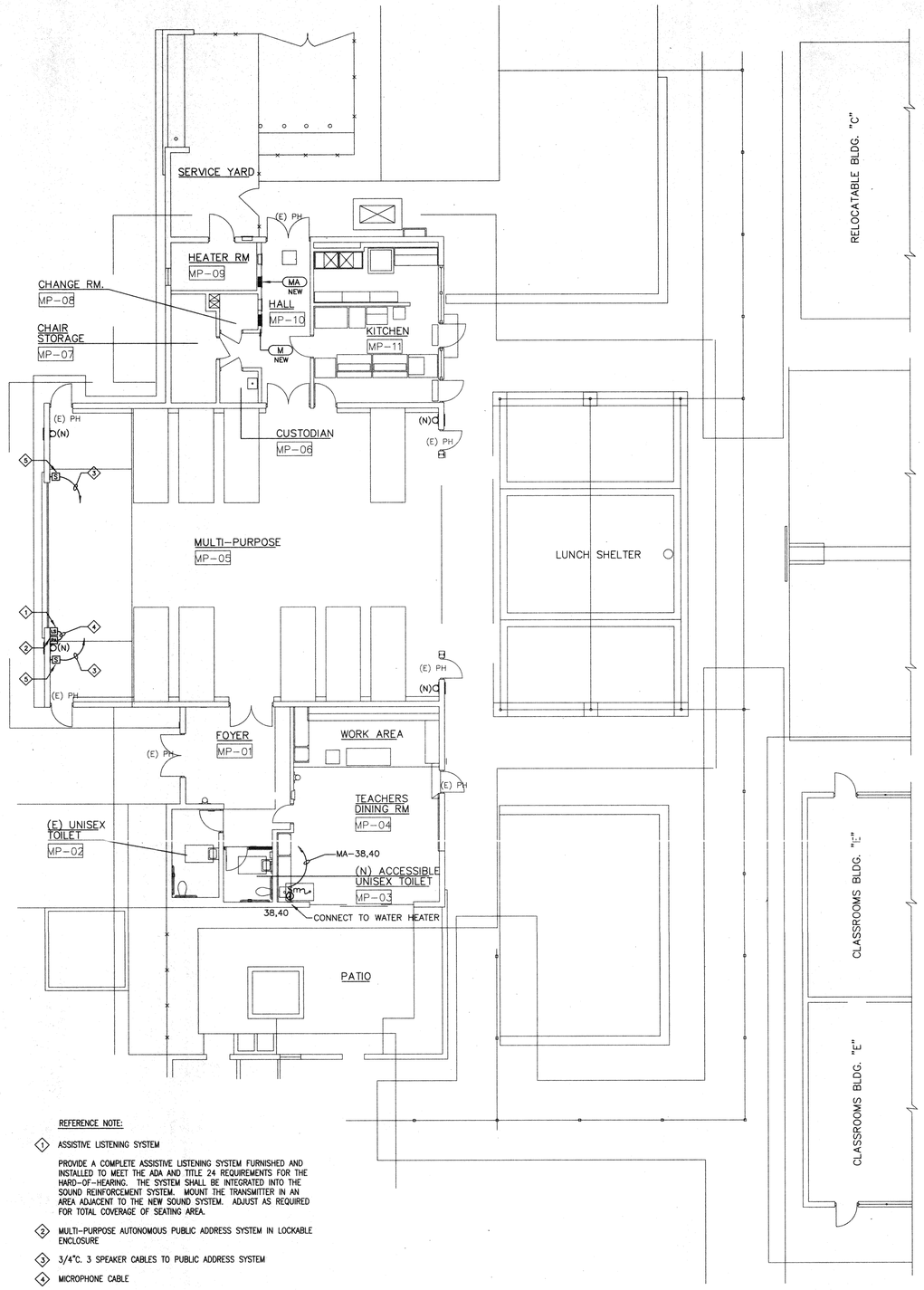
KINDERGARTEN BUILDING - "K" POWER PLAN

SCALE 1/8 " = 1'-0"



ADMINISTRATION BUILDING POWER PLAN

SCALE 1/8 " = 1'-0"



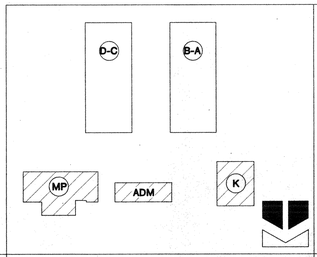
REFERENCE NOTE:

1. ASSISTIVE LISTENING SYSTEM

   PROVIDE A COMPLETE ASSISTIVE LISTENING SYSTEM FURNISHED AND INSTALLED TO MEET THE ADA AND TITLE 24 REQUIREMENTS FOR THE HARD-OF-HEARING. THE SYSTEM SHALL BE INTEGRATED INTO THE SOUND REINFORCEMENT SYSTEM. MOUNT THE TRANSMITTER IN AN AREA ADJACENT TO THE NEW SOUND SYSTEM. ADJUST AS REQUIRED FOR TOTAL COVERAGE OF SEATING AREA.
2. MULTI-PURPOSE AUTONOMOUS PUBLIC ADDRESS SYSTEM IN LOCKABLE ENCLOSURE
3. 3/4"C. 3 SPEAKER CABLES TO PUBLIC ADDRESS SYSTEM
4. MICROPHONE CABLE
5. PUBLIC ADDRESS COLUMN SPEAKER +5'-0"

MULTI - PURPOSE - BUILDING POWER PLAN

SCALE 1/8 " = 1'-0"



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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT
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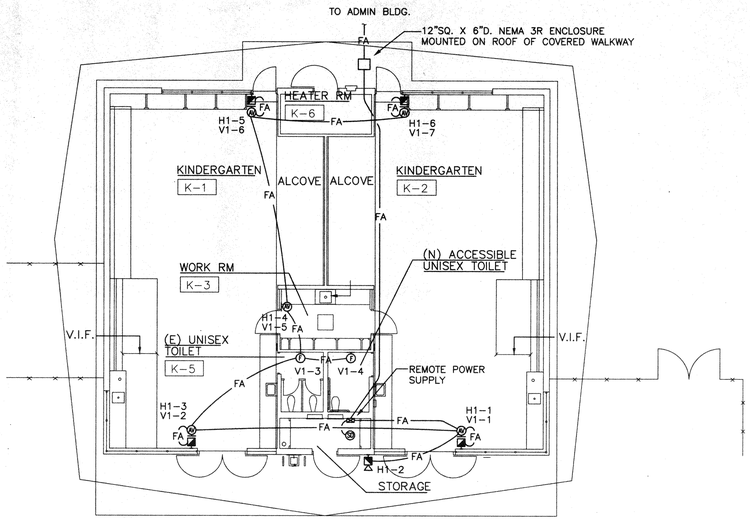
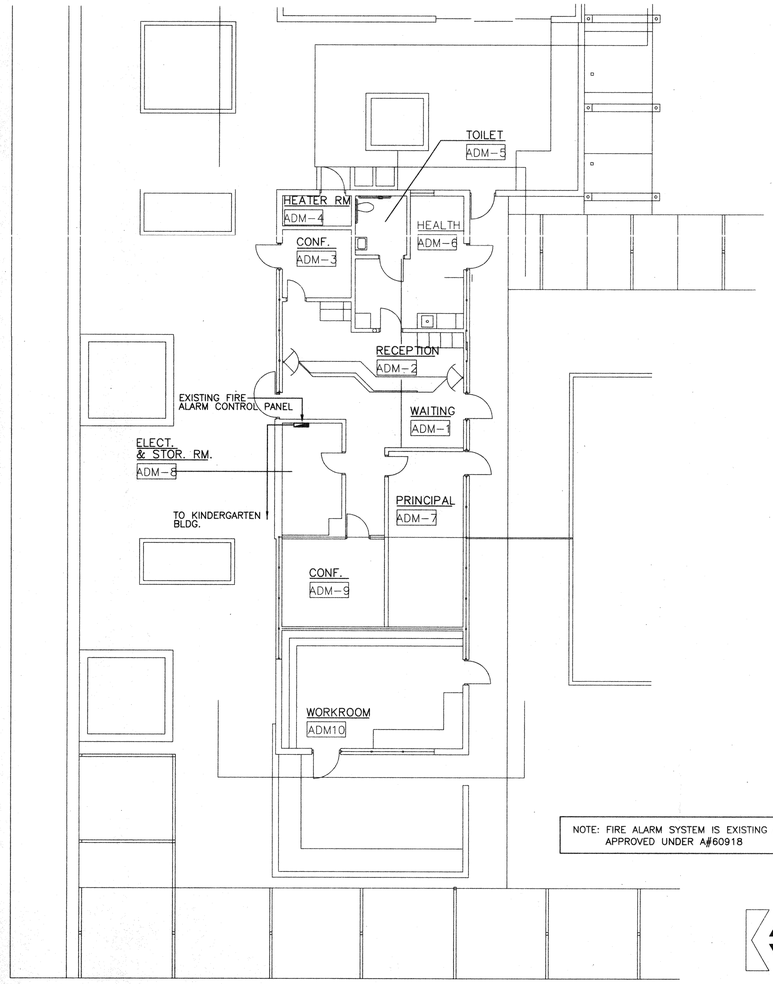
R:\DLE Projects\Westminster\Modernization\Willmore\New\Willmore22.2.2.dwg Tue Dec 26 12:59:35 2000



KINDERGARTEN BUILDING - "K" FIRE ALARM PLAN

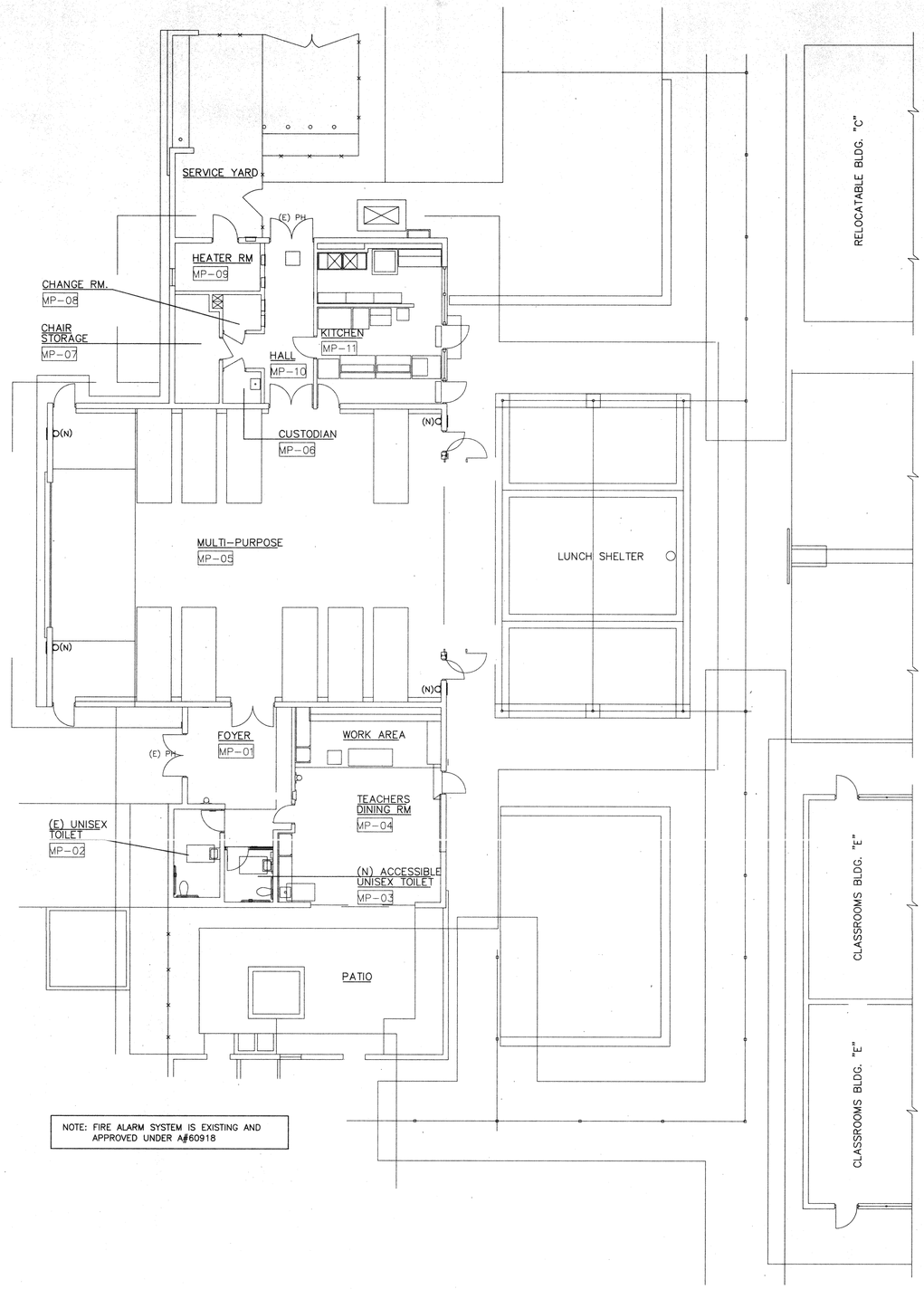
SCALE 1/8 " = 1'-0"



NOTE: FIRE ALARM SYSTEM IS EXISTING AND APPROVED UNDER A#60918

ADMINISTRATION BUILDING FIRE ALARM PLAN

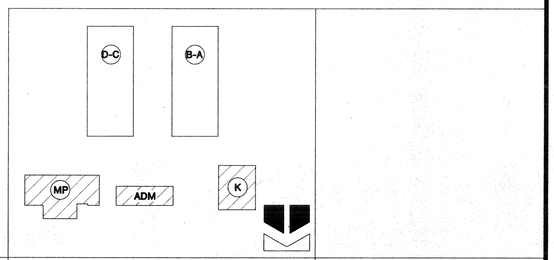
SCALE 1/8 " = 1'-0"



NOTE: FIRE ALARM SYSTEM IS EXISTING AND APPROVED UNDER A#60918

MULTI - PURPOSE - BUILDING FIRE ALARM PLAN

SCALE 1/8 " = 1'-0"



KEY PLAN

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DSA BACK CHECK SUBMITTAL

01/02/01 BID SET ISSUED

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LICENSED ARCHITECT JAY R. TITTLE NO. 12955 REN. 11-30-99 STATE OF CALIFORNIA

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Glendora ◦ San Diego ◦ Auburn

ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

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H:\DLE Projects\WestminsterMarie\Modernization\WillmoreNew\WillmoreE2.2.3.dwg Tue Dec 26 13:00:25 2000

NEW

VOLTAGE 120/240V. 1ø, 3W. — PANEL M — MAIN 125A

MOUNTING FLUSH — LOCATION MULTI-PURPOSE RM. — BUS SIZE 150A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
EXISTING				2700			50/	1	2	20	980			10			GENERAL LTG.
---					2700		/2	3	4			980		10			GENERAL LTG.
EXISTING				360			20	5	6		720			8'			TRACK LTG.
EXISTING					360			7	8			720		8'			TRACK LTG.
EXISTING	2			300				9	10		992			8			TEACHER'S DINING
SPARE								11	12			496		6			TOILETS
STAGE LIGHTS	6			588				13	14		1440			8			EXIST. EXTERIOR LTS.
DOWNLIGHTS	13				1300			15	16			1440		8			EXIST. EXTERIOR LTS.
SPARE				–				17	18								SPARE
EXISTING FLOODLIGHT					600			19	20								
STORAGE, HALLWAY	7			622				21	22								
KITCHEN	6				744			23	24								
SPARE								25	26								SPACE
								27	28								
								29	30								
								31	32								
								33	34								
								35	36								
								37	38								
								39	40								
								41	42								
TOTAL THIS SIDE				4570	5704						4132	3636					TOTAL THIS SIDE
TOTAL BOTH SIDES											18042						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD					11922		TOTALS				14902						LONG CONTINUOUS LOAD @ 125%
							21022 VA 87.6 A				6120						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @

NEW

VOLTAGE 120/240V. 1ø, 3W. — PANEL MA — MAIN 150A

MOUNTING FLUSH — LOCATION MULTI-PURPOSE RM. — BUS SIZE 150A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
EXISTING				400			20	1	2	20	400						EXISTING
EXISTING					600			3	4			500					EXISTING
EXISTING				580				5	6		600						EXISTING
EXISTING					1000			7	8			800					EXISTING
EXISTING				1000				9	10		900						EXISTING
EXISTING					500			11	12			220					EXISTING
EXISTING				540				13	14		500						EXISTING
EXISTING					900			15	16			250					EXISTING
EXISTING				250				17	18		700						EXISTING
SPARE								19	20								SPARE
								21	22								
								23	24								
EXISTING				960			20/	25	26	15/	590						EXISTING
---					960		/2	27	28	/2		590					---
EXISTING				500			20/	29	30	15/	450						EXISTING
---					500		/2	31	32	/2		450					---
EXISTING				780			20/	33	34	50/	4000						EXISTING
---					780		/2	35	36	/2		4000					---
SPACE								37	38	20/	1500						WATER HEATER
								39	40	/2		1500					---
								41	42								
TOTAL THIS SIDE				5010	5240						9640	8310					TOTAL THIS SIDE
TOTAL BOTH SIDES											28200						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD							TOTALS										LONG CONTINUOUS LOAD @ 125%
							28200 VA 117.5 A										NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @

NEW

VOLTAGE 120/240V. 1ø, 3W. — PANEL A — MAIN 125A

MOUNTING FLUSH — LOCATION BLDG. A-ELEC. RM. — BUS SIZE 150A

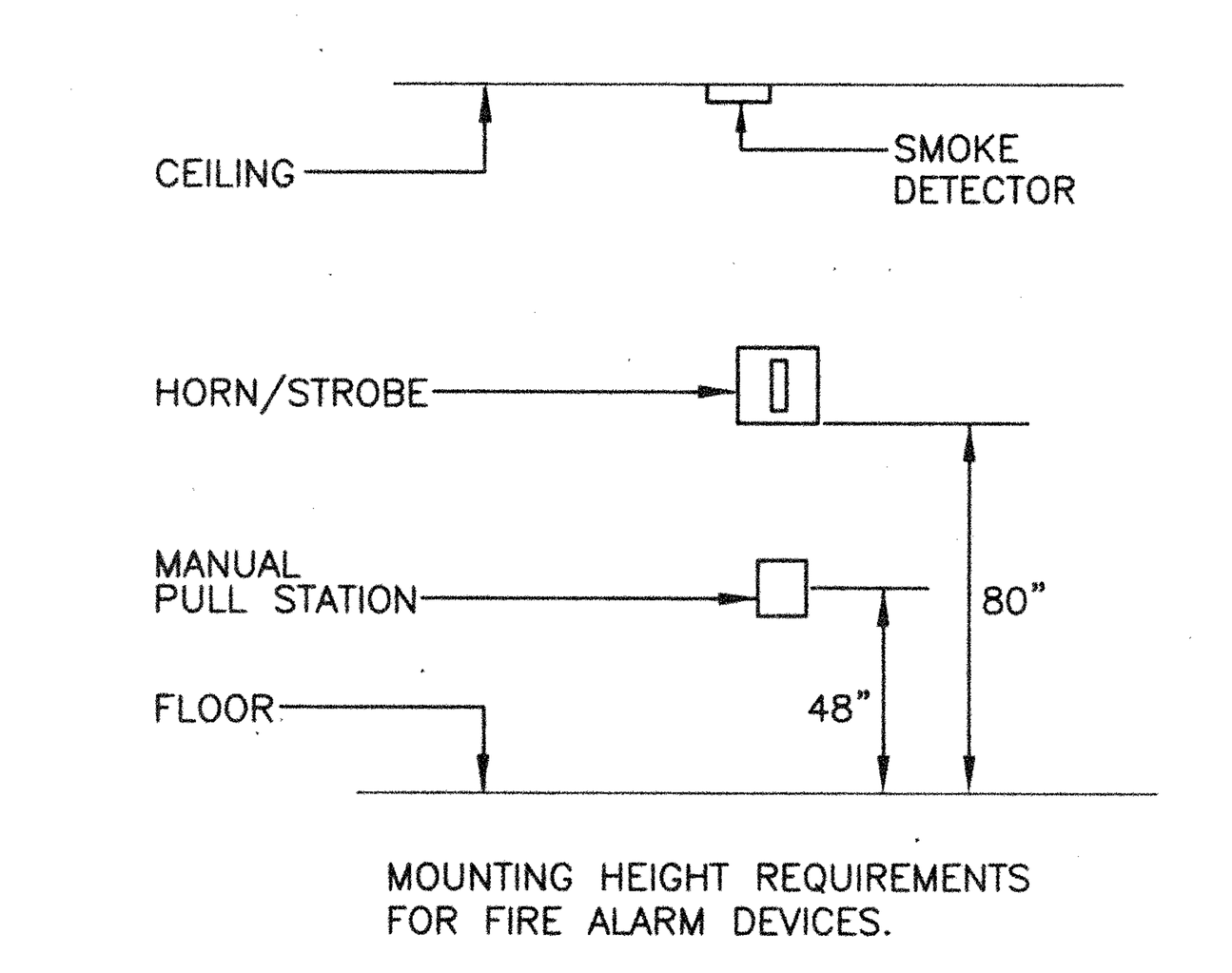
LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
GENERAL LTG.	10			1240			20	1	2	20	610			8			GENERAL LTG.
GENERAL LTG.	11				1094			3	4								SPARE
EXIST. EXTERIOR LTS.				1440				5	6		1130						EXISTING
EXIST. EXTERIOR LTS.					1260			7	8								SPARE
EXISTING				800				9	10		500						EXIST. TEL. BKBD.
EXISTING					800			11	12			400					EXISTING
EXISTING				500				13	14		500						EXISTING
EXISTING					500			15	16			400					EXISTING
EXISTING				500				17	18		1620						EXIST. ARCADE LTS.
EXISTING					600			19	20			1000					EXISTING W.H.
EXISTING				800				21	22		700						EXISTING
SPARE								23	24			700					---
								25	26								SPARE
								27	28								SPARE
								29	30	20/	500						EXISTING
								31	32	/2		500					---
SPACE								33	34								SPACE
								35	36								
								37	38								
								39	40								
								41	42								
TOTAL THIS SIDE				5280	4254						5560	3000					TOTAL THIS SIDE
TOTAL BOTH SIDES											18094						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD					7264		TOTALS				9080						LONG CONTINUOUS LOAD @ 125%
							19910 VA 82.9 A				10830						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @

NEW

VOLTAGE 120/240V. 1ø, 3W. — PANEL K — MAIN 100A

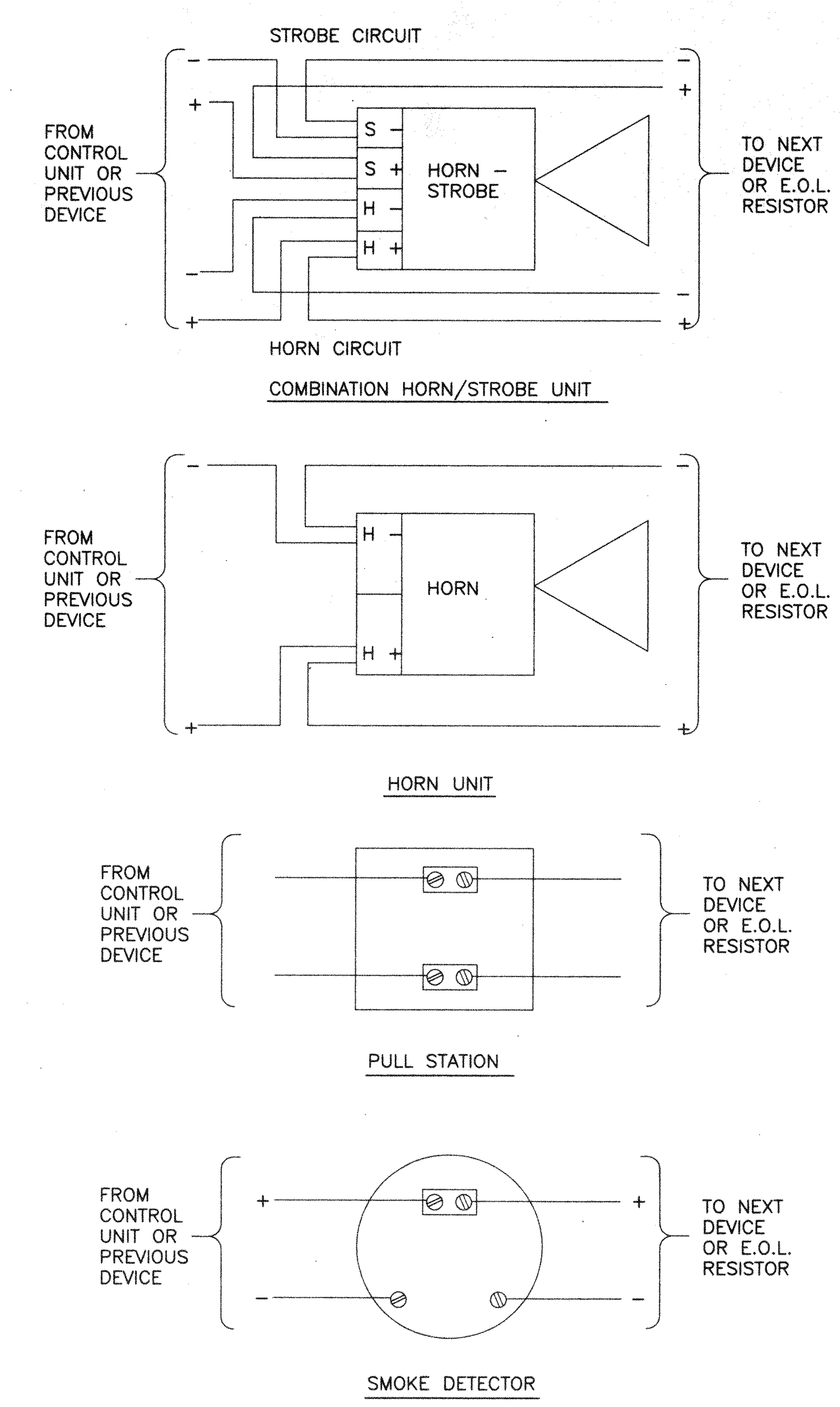
MOUNTING FLUSH — LOCATION BLDG. K-ELEC. RM. — BUS SIZE 100A

LOCATION	OUTLET LTS	OUTLET REC	OUTLET MISC.	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	CKT BKR	CKT NO.	CKT NO.	CKT BKR	VOLT AMPS PH. A	VOLT AMPS PH. B	VOLT AMPS PH. C	OUTLET LTS	OUTLET REC	OUTLET MISC.	LOCATION
CLASSROOM LTG.	8			992			20	1	2	20	496			4			CLASSROOM LTG.
CLASSROOM LTG.	6				624			3	4			992		8			CLASSROOM LTG.
SPARE								5	6		256			4			STOR., TOILET LTG.
SPARE								7	8			980					EXISTING
EXIST. EXTERIOR LTG.				540				9	10		800						EXISTING
EXIST. EXTERIOR LTG.					780			11	12			800					EXISTING
EXISTING				600				13	14		600						EXISTING
EXISTING					600			15	16			600					EXISTING
SPARE								17	18		900						WIREMOLD
								19	20			900					WIREMOLD
								21	22	20/	830						EXISTING
								23	24	/2		830					---
EXISTING				830			20/	25	26	20/	500						EXISTING
---					830		/2	27	28	/2		500					---
REMOTE POWER SUPPLY				200			20	29	30								SPACE
SPARE								31	32								
								33	34								
								35	36								
								37	38								
								39	40								
								41	42								
TOTAL THIS SIDE				3162	2834						4382	5602					TOTAL THIS SIDE
TOTAL BOTH SIDES											15980						TOTAL CONNECTED LOAD
LONG CONTINUOUS LOAD					4680		TOTALS				5850						LONG CONTINUOUS LOAD @ 125%
							17150 VA 71.5 A				11300						NON CONTINUOUS LOAD @ 100%
																	NON CONTINUOUS LOAD @



C / E-3.1 **FA DEVICE ELEVATION**

SCALE: NONE

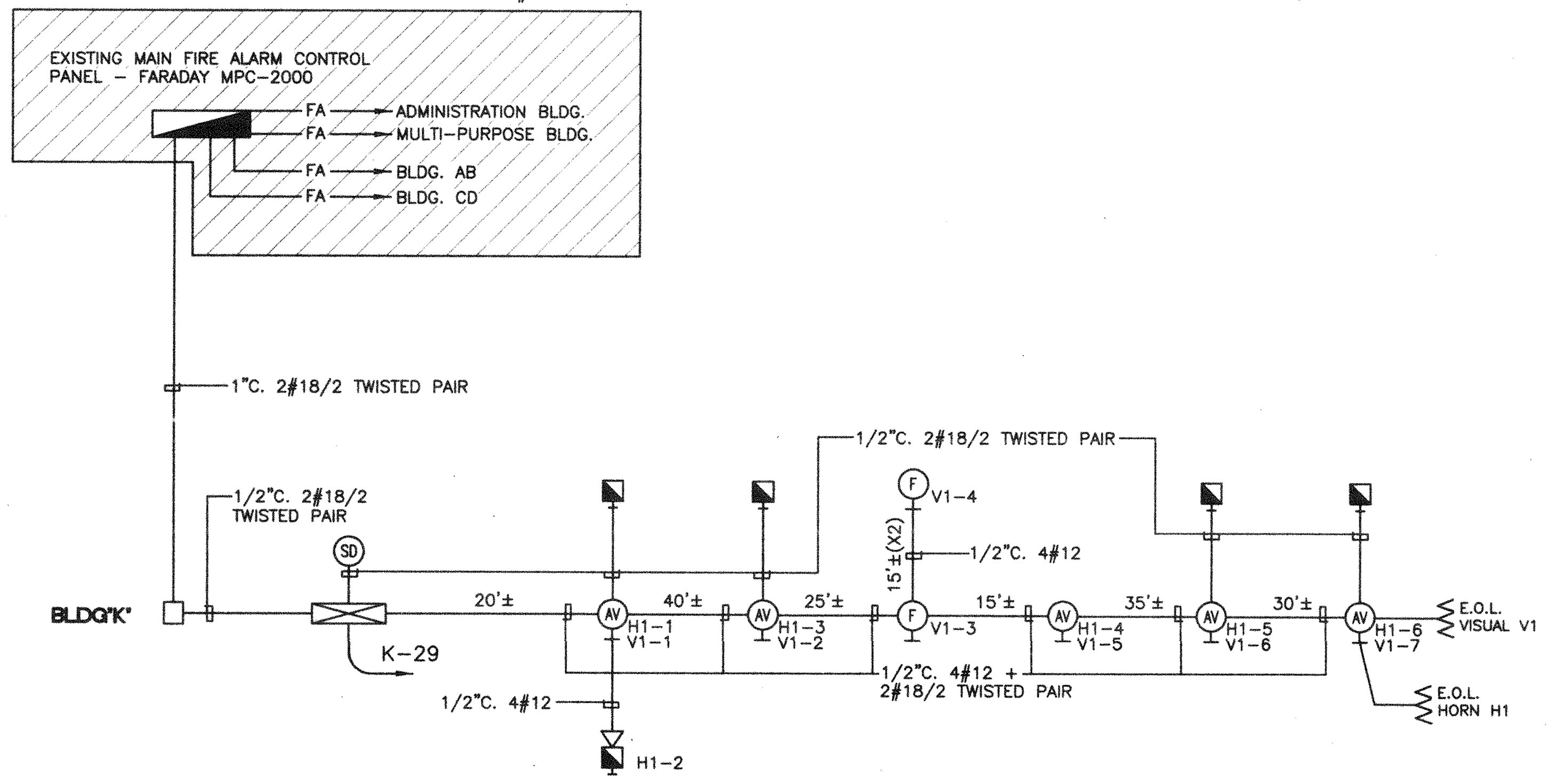


B / E-3.1 **TYPICAL DEVICE WIRING**

SCALE: NONE

SEQUENCE OF OPERATION	BUILDING POWER FAILURE	AREA SMOKE DETECTOR	PULL STATION
ANNUNCIATE AT FIRE CONTROL PANEL (ALARM, SUPERVISION & TROUBLE)	YES	YES	YES
SOUND CONTROL PANEL TROUBLE BUZZER	YES	ON WIRING FAULT	ON WIRING FAULT
ACTIVATE AUDIBLE ALARM SIGNALS (UNTIL SILENCE)	NO	YES	YES
ACTIVATE VISUAL ALARM SIGNALS (UNTIL RESET)	NO	YES	YES

EXISTING FIRE ALARM SYSTEM APPROVED UNDER A#60918



A / E-3.1 **FIRE ALARM RISER DIAGRAM**

NOT TO SCALE

NOTE:
ALL ITEMS SHOWN ON THIS RISER DIAGRAM ARE NEW UNLESS OTHERWISE NOTED.

LEGEND

- (AV) AUDIO VISUAL DEVICE-FARADAY #6304B-L-CSFM #7135-0065:145 (110 CANDELA)
- (F) VISUAL DEVICE-FARADAY #2700B-E CSFM #7125-0065:154 (15 CANDELA)
- MANUAL PULL STATION-FARADAY #FIGT\9158 CSFM #7150-0065:104\7300-1209:104
- EXTERIOR HORN-FARADAY #6230B-O CSFM #7135-0065:126
- EXISTING FIRE ALARM CONTROL PANEL-FARADAY MPC-2000
- REMOTE POWER SUPPLY-FARADAY RSE100 CSFM #7300-Q065:149
- (SD) SMOKE DETECTOR-FARADAY #9152 CSFM #7272-1209:107

BATTERY CALCULATION "BLDG. K"

	DEVICE	#	CURRENT STANDBY A.	CURRENT ALARM A.	TOTAL STANDBY A.	TOTAL ALARM A.
	HORNS	6	0	.038	0	.228
(110CD)	STROBE	5	0	.245	0	1.225
(15CD)	STROBE	2	0	.08	0	.16
	SMOKE	1	.0001	.008	.0001	.008
	POWER SUPPLY		0	0	0	0
			TOTAL STANDBY CURRENT		.0001	
				TOTAL ALARM CURRENT		1.621

ALARM CURRENT X ALARM TIME /60 = AMP/HR FOR ALARM

1.621 X 5/60 = 0.135 AMP HR.

STANDBY CURRENT X 24 HRS = AMP/HR FOR ALARM

.0001 X 24 = .0024 AMP HR.

TOTAL = .137 AMP HR

BATTERY SIZE = 7 AMP HR.

VISUAL CIRCUIT V1: 5 VISUAL DEVICES @ .245A. EACH $= \frac{1.23A \times 195' \times 21.5}{6530\ (\#12)} = .79$ VD

VISUAL CIRCUIT V1: 2 VISUAL DEVICES @ .08A. EACH $= \frac{.16A \times 195' \times 21.5}{6530\ (\#12)} = .10$ VD

TOTAL = .89 VD

$\frac{.89VD}{24V.} \times 100 = 3.71\%$

WORST CASE VOLTAGE DROP CALCULATION

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REGISTERED PROFESSIONAL ENGINEER ARTHUR T. OWEN No. 13592 Exp. ELECTRICAL STATE OF CALIFORNIA

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(818) 265-9720

LICENSED ARCHITECT JAY R. TITTLE NO. 12955 REN. 11-30-99 STATE OF CALIFORNIA

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ALTERATIONS TO WILLMORE ELEMENTARY SCHOOL

WESTMINSTER SCHOOL DISTRICT
WESTMINSTER, CALIFORNIA

PANEL SCHEDULES + FIRE ALARM RISER DIAGRAM

DATE 12-27-00
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