CODE UPDATE AND MECHANICAL RENOVATIONS

SHEPAUG VALLEY MIDDLE/HIGH SCHOOL

SOUTH STREET WASHINGTON DEPOT, CONNECTICUT 06794

March 1,1993

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06107

VANZELM, HEYWOOD, AND SHADFORD
ELECTRICAL AND MECHANICAL ENGINEERS
29 SOUTH MAIN STREET
WEST HARTFORD, CONNECTICUT 06107

STATE PROJECT NUMBER SPN 212-89-021 A

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E-4 Electrical Floor Plan Unit A Power
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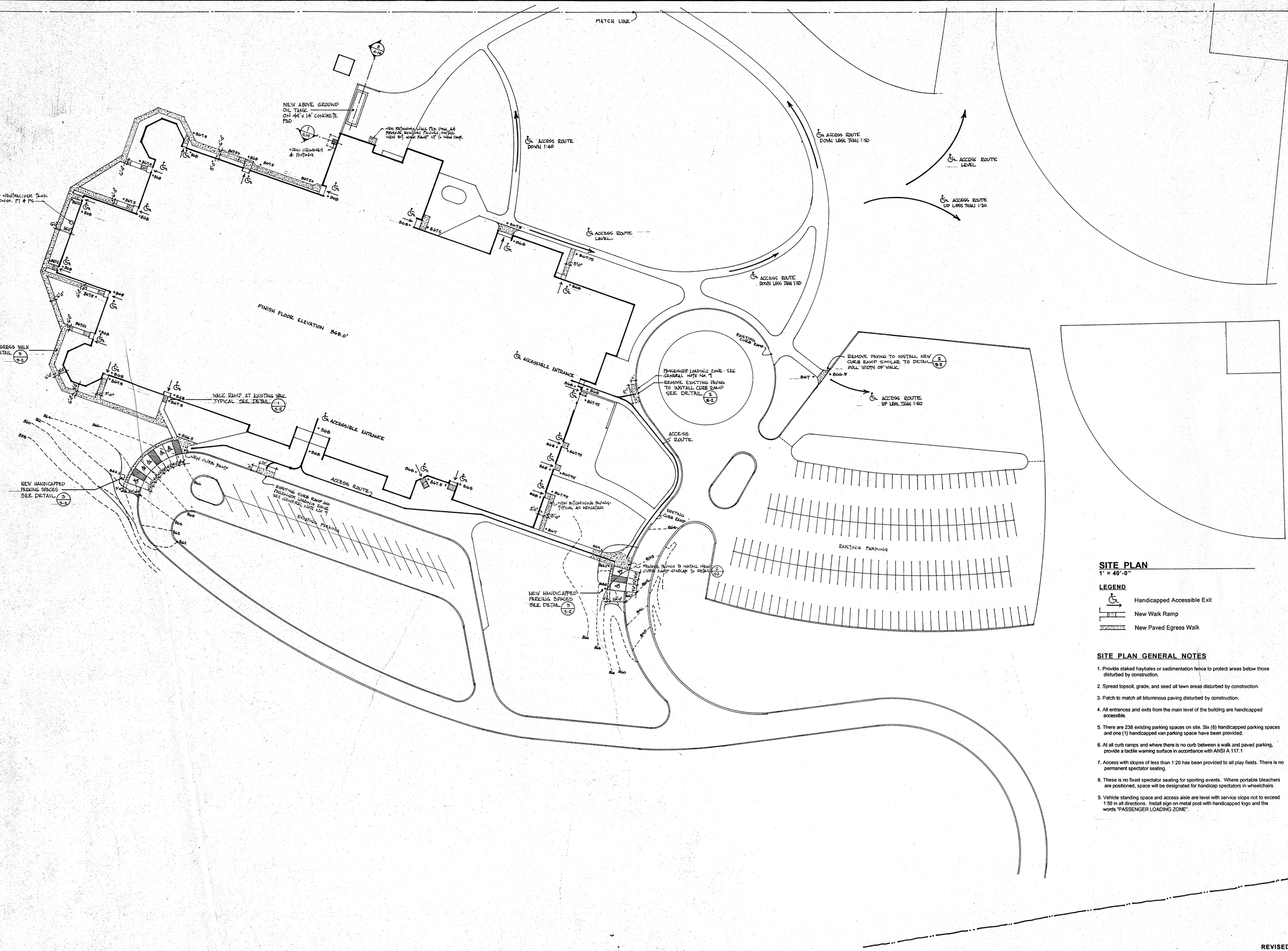

SITE PLAN
1" = 40'-0"

LEGEND

- Handicapped Accessible Exit
- New Walk Ramp
- New Paved Egress Walk

SITE PLAN GENERAL NOTES

1. Provide staked haybales or sedimentation fence to protect areas below those disturbed by construction.
2. Spread topsoil, grade, and seed all lawn areas disturbed by construction.
3. Patch to match all bituminous paving disturbed by construction.
4. All entrances and exits from the main level of the building are handicapped accessible.
5. There are 238 existing parking spaces on site. Six (6) handicapped parking spaces and one (1) handicapped van parking space have been provided.
6. At all curb ramps and where there is no curb between a walk and paved parking, provide a tactile warning surface in accordance with ANSI A 117.1
7. Access with slopes of less than 1:20 has been provided to all play fields. There is no permanent spectator seating.
8. These is no fixed spectator seating for sporting events. Where portable bleachers are positioned, space will be designated for handicap spectators in wheelchairs.
9. Vehicle standing space and access aisle are level with service slope not to exceed 1:50 in all directions. Install sign on metal post with handicapped logo and the words "PASSENGER LOADING ZONE".

REVISED 3/25/93

PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
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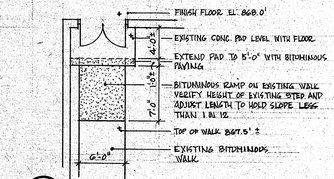
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

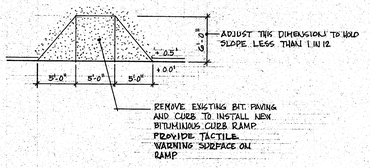
SITE PLAN

DRAWING NUMBER
S1
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
MARCH 1, 1993



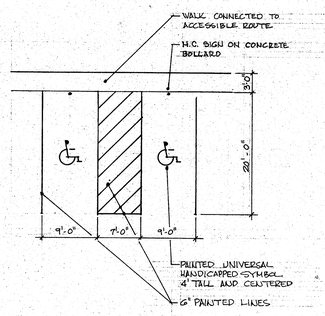
1/S-2 **WALK RAMP**

1/8" = 1'-0"



2/S-2 **CURB RAMP**

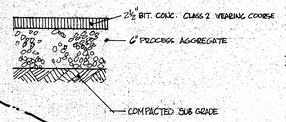
1/8" = 1'-0"



3/S-2 **HANDICAPPED PARKING SPACE**

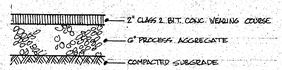
1" = 10'-0"

SEE DETAIL 4/S-2 FOR PARKING PAVING AND 5/S-2 FOR WALK PAVING



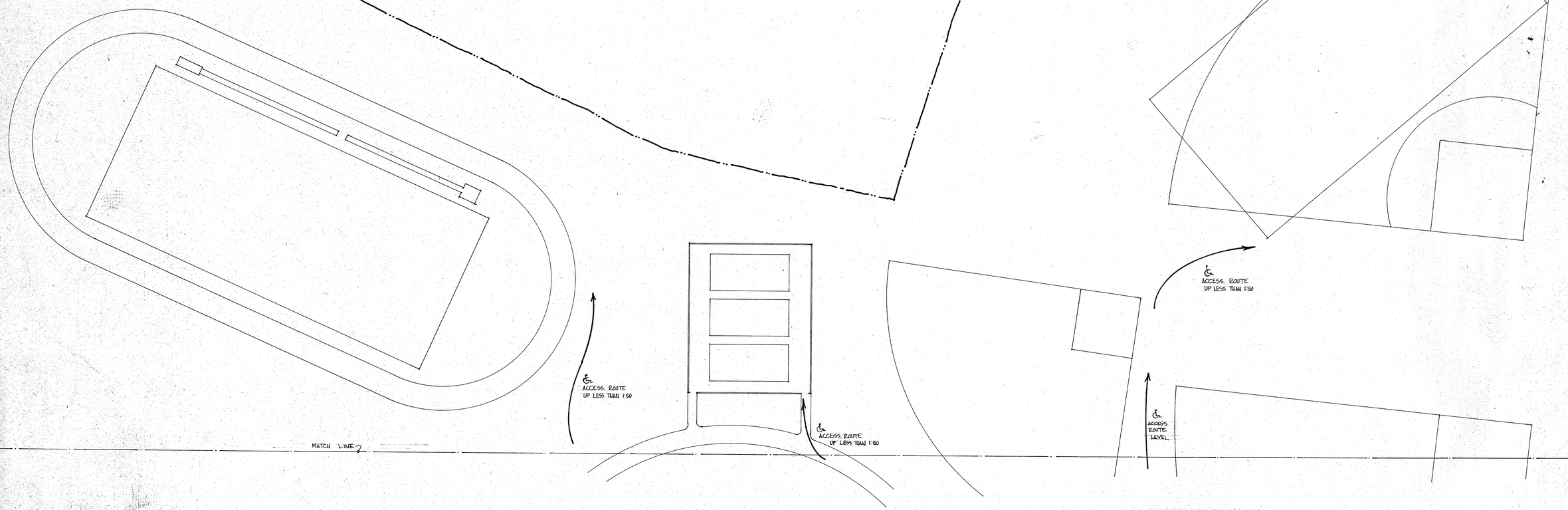
PARKING PAVING

4/S-2 NO SCALE



WALK PAVING

5/S-2 NO SCALE



SITE PLAN

1' = 40'-0"

SEE ALL SITE GENERAL NOTES AT DRAWING S1

PLAN NORTH

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SITE PLAN
SITE DETAILS

REVISED 3/25/93

DRAWING NUMBER
S2
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A

MARCH 1, 1993

FIRST FLOOR PLAN GENERAL NOTES

1. Field verify all dimensions and conditions.

2. Cover, protect, or relocate as required all fixtures, furnishings, book stacks, books, computers, counters, cabinets, etc. in areas of demolition and new construction. Replace in original location or new location as directed. Provide cleaning as specified.

3. Patch, repair, and refinish all wall, floor and ceiling finishes as required due to demolition or new construction, replacement or installation of sinks, water closets, urinals, grab bars, toilet room accessories, water coolers, drinking fountains, cabinet alterations, removal of windows, doors, frames, wall construction, or the installation of new doors, frames, and wall construction.

4. See ceiling plans A-7, A-8, A-9, A-10, and ceiling plan general notes for the extent of ceiling demolition, new ceiling construction, and additional work required above the ceiling including the installation of acoustic insulation.

5. At handicapped showers at Shower Rooms C9, C14, C32, C33, C38, and C39 install shower spray unit with 60" minimum hose which may be used as both a fixed shower head and a hand held shower spray. See plumbing drawings.

8. Install 6" acoustic insulation above all ceiling tiles at Classrooms A3, A6, A7, A8, A10, A13, A15, A17, A18, A19, A27, A35, A36, A38, A39, A40, A41, A45, A47, A49, A50 and A53.

CEILING PLAN GENERAL NOTES

1. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing acoustic tile and suspension system which is undamaged or install new to match as required. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

2. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing suspension system which is undamaged or install new to match as required. Replace all acoustic tile per specifications. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

3. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Install new acoustic ceiling tile and suspension system per the specifications. Replace existing existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing, or HVAC Drawings.

4. See Drawings A3, A4, A5 and A6 for the locations of all new concrete block walls, gypboard partitions, folding partitions and demountable partitions. Remove existing ceiling tile and suspension system to accommodate partition or track construction and replace if undamaged. If damaged, install new to match the existing.

5. Verify all existing conditions and dimensions in the field of all ceiling conditions.

6. At all corridors and exit passages, examine gypboard and concrete block wall construction above the ceiling and up to the metal roof deck. Seal all penetrations with 5/8" Type 'X' Gypsum Wallboard and compound at existing gypboard wall construction and 6" or 8" concrete block and mortar at concrete block wall construction. Install fire safing as required at wall penetrations and at all locations between steel beams and metal roof deck and steel joists and metal roof deck.

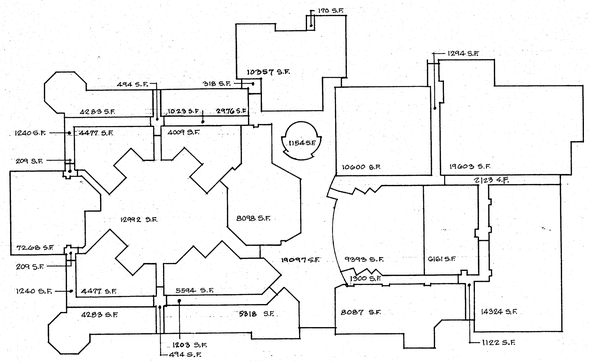
7. At all locations indicated on the drawings to install gypboard at steel beams above the ceiling, remove ceiling acoustic tile and suspension system as required to complete the work. Replace undamaged acoustic tile and suspension system or new to match existing.

LEGEND

- Indicates handicap feature
- Handicap exit
- Door requires tactile hardware
- One hour smoke partition with 20 minute rated doors and windows
- One hour fire separation with 45 minute rated doors except at Exit Passages which have one hour doors
- (16) Door designation
- (1) Window designation
- 405 Exit direction and number of persons exiting
- (510) Cumulative number of persons exiting
- (345) Calculated exit capacity
- Demountable partition or gypboard partition as noted
- Concrete block partition - non-load bearing
- Demolition as noted
- Plan detail
- Ceiling location which requires work
- Plaster ceiling to be replaced or repaired
- 2' x 2' Acoustic ceiling

Door Schedule Legend
- Existing door, frame and hardware
- Existing door and frame - hardware modified
- Existing frame -- new door and hardware
- New door, frame and hardware

- Wood - large scale
- Plywood - large scale
- Wire glass - large scale
- Tempered glass - large scale
- Aluminum - large scale
- Concrete
- Acoustic or thermal insulation
- 7 / A15 Plan detail designation / Detail number and Drawing Number
- 9 / A15 Section detail designation / Detail number and Drawing Number
- 2 / A15 Interior elevation designation
- Existing interior non-bearing partitions are 6", 8", or 12" concrete block except for gypboard or demountable partitions in the administration offices or as noted on the floor plans.



SMOKE COMPARTMENTATION PLAN

NOT TO SCALE
ALL WALLS SHOWN DEFINING SMOKE COMPARTMENTS, AS A MINIMUM, MEET THE REQUIREMENTS OF C-3 AND 11-3.7.1 OF THE FIRE CODE.

Fire Rated Assemblies

Floor Construction above lower level - U.L. Assembly N 731 FOR ROOM FLOOR SHOWN EXCEPT BEAMS ENCASED IN CONCRETE
5 1/2" of concrete on steel beams with sprayed on fire proofing on the steel. (EXISTING)

Concrete Block Walls - U.L. Assembly U 906
6"x 8" x 16 " Concrete Block. Block furnished for this building was made by the Plasticrete Co. and has at least a 1 hour fire rating. (EXISTING AND NEW)

Gypsum Board Walls - U.L. Assembly U 465
5/8" Fire code gypsum board each side of 3 5/8" steel studs spaced 24" o.c. (EXISTING & NEW)

Demountable Walls - U.L. Assembly U 427
3/4" Gypsum Board each side of 1 7/8" framing spaced 24" o.c.. (NEW)

Suspended Acoustic Ceilings - U.L. Assembly P 201
Suspended Ceiling hung from bar joists with steel deck and built up or single ply roofing. (EXISTING & NEW - ALL EXISTING CEILINGS APPEAR TO BE 1 HOUR FIRE RATED)

All assemblies are rated for at least one hour which is all that is required in this building.

SITE & ARCHITECTURAL ABBREVIATIONS

A.C.	Acoustic Ceiling
A.F.F.	Above Finish Floor
ALU.	Aluminum
BIT.	Bituminous
BLK	Block
CER. Tile	Ceramic Tile
CB	Chalk Board
Conc.	Concrete
Demo.	Demolition
D.P.	Demountable Partition
Det.	Detail
DWG	Drawing
D.F.	Drinking Fountain
EQ	Equal
Exist'g	Existing
Fin.	Finish
GA	Gauge
GYP.	Gypsum Board
HC	Handicapped
H.S.	High School
H.M.	Hollow Metal
INT.	Interior
LAV.	Lavatory
L.R.	Locker Room
M.S.	Middle School
N.T.S.	Not to Scale
NO.	Number
PT	Paint
Plas.	Plaster
Plas. Lam.	Plastic Laminate
Refrig.	Refrigerator
Spec's	Specifications
S.F. , Sq. Ft.	Square Feet
TYP.	Typical
V.I.F.	Verify In Field
F.B.	Fire Blanket
F.E.	Fire Extinguisher
Mod.	Modification
S.G.T.	Structural Glazed Tile

For Mechanical and Electrical Abbreviations see Drawings M-9, P-5, and E-6.

TOTAL CALCULATED OCCUPANT LOAD
EDUCATIONAL - 3231
ASSEMBLY - 2028
SEE DRAWING GI1 FOR ALTERNATE EXIT ARRANGEMENTS

CODE INFORMATION

Date of Original Construction - 1970 Dates of Construction of Additions - None

Use Group Classification
(Primary) E - Educational
(Secondary) A-1 - Auditorium A-3 - Gymnasium, Cafeteria, Media Center

Construction Type - 2C Noncombustible Unprotected

Building Height - 1 Story 27 feet maximum height

Building Area - 175,000 Square Feet

Occupancy Load - See Drawing A-2
Number of Exits - See Drawing A-2
Travel Distance - See Drawing A-2

Fire Resistance Rating of Structural Elements

Fire Separations	1 Hour - 45 min. Doors
Smoke Barriers	1 Hour - 20 min. Doors
Enclosure of Exits	1 Hour - 60 min. Doors
Shafts	1 Hour - 45 min. Doors
Exit Access Corridors	1 Hour - 20 min. Doors
Floor Construction	1 Hour

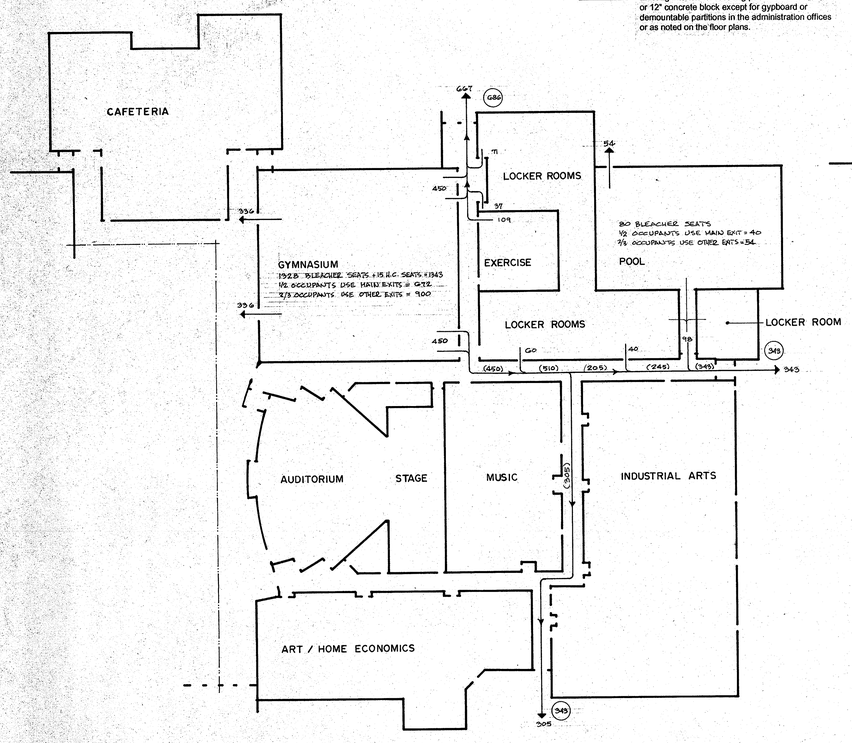
Fire Protection Systems
Limited Area Fire Suppression
Entire Building Alarm and Notification
Detection as required by code

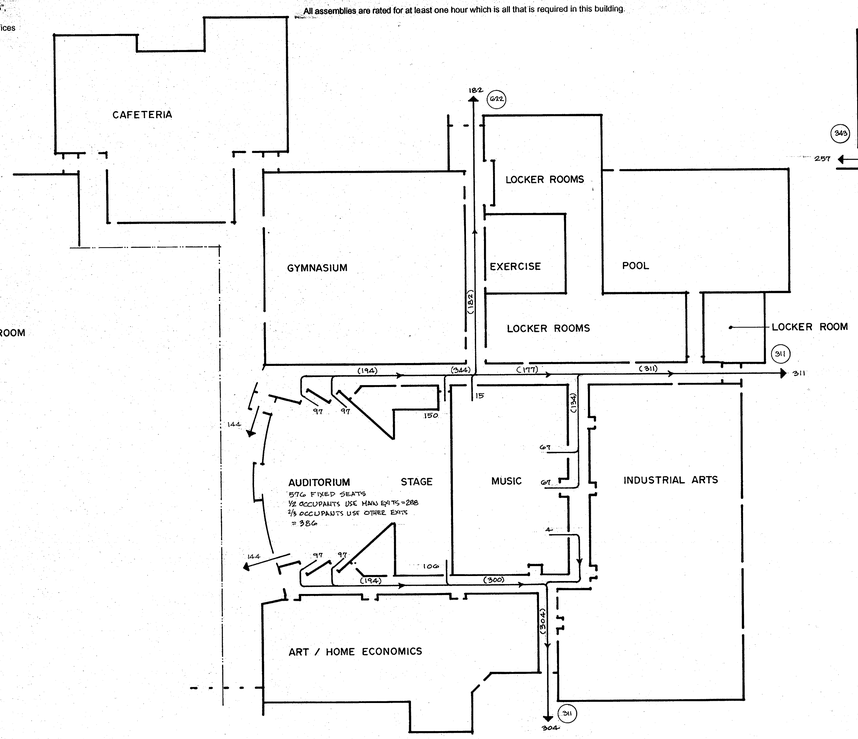
Designated Handicapped Accessible Building

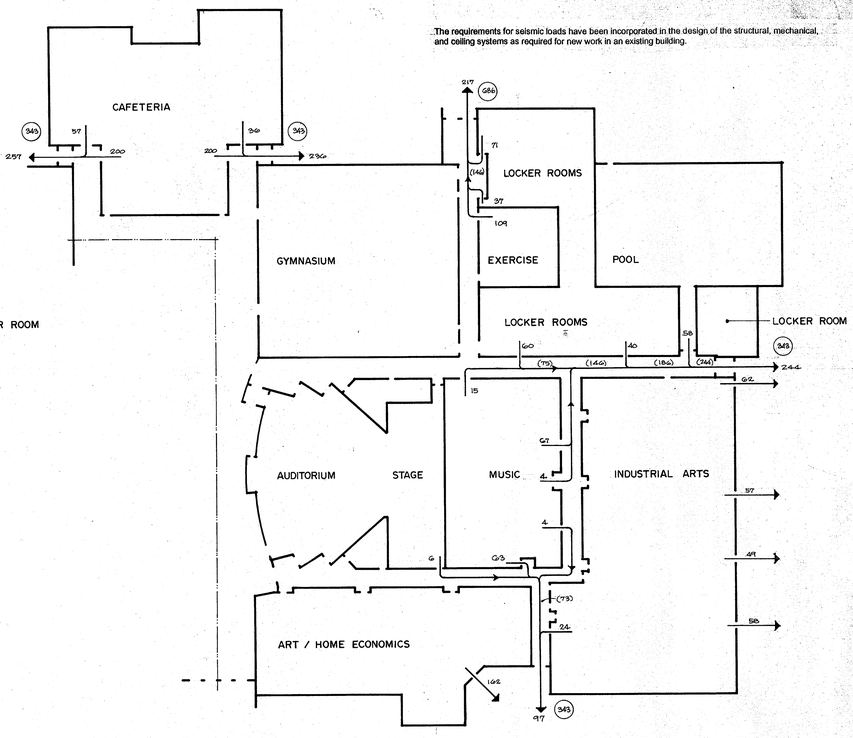
Modifications Requested - Outstanding

1.	11-3.2.3	Eliminate sprinkler requirements for Janitor Closets.
2.	6-2.3.6	Allow continued use of existing frames for new rated doors.
3.	6-2.3.6	Allow continued use of solid core doors in lieu of 45 min. doors.
4.	11-6.2.6	Clarification that existing folding walls can be replaced with demountable walls with out compromising the existing flexible plan classification for the academic wing of the building.
5.	11-2.2.2.4 5.2.1.18	Allow existing classroom doors without closers to remain.
6.	11-2.11.1	Allow the planetarium to continue as a windowless classroom without direct access to an exit and without sprinkler fire protection for the entire building.
7.	11-2.11.1	Allow corridors to be converted to one hour exit passages to allow direct access to exits from windowless classrooms and places of assembly and allow existing doors to unoccupied spaces to remain.
8.	9-1.1.1 9-2.1 9-2.3.1 11-1.2.2	Allow existing assembly exiting arrangements to remain if there is no simultaneous occupancy.
9.	11-2.6	Allow existing travel distance to exits to remain where it is not feasible to extend exit passageways to reduce the travel distance.
10.	9-3.2.1.9 9-3.2.1.12	Allow stage to be used for theatrical performances with modified sprinkler system and no standpipes.

The requirements for seismic loads have been incorporated in the design of the structural, mechanical, and ceiling systems as required for new work in an existing building.







I MAJOR ATHLETIC EVENT

ALL ATHLETIC FACILITIES FULLY OCCUPIED. NO OCCUPANTS IN AUDITORIUM OR MUSIC ROOMS. OCCUPANCY OF CLASSROOMS WITH DIRECT EGRESS OPTIONAL.

EGRESS CAPACITY = 1972 NUMBER OF OCCUPANTS = 1334

NOTES

1. EXIT CAPACITY BASED ON DOORS OPEN 90° AND .2" PER PERSON EXCEPT THEATRICAL OCCUPANCY BASED ON .22" PER PERSON
2. FOR SOUTH HALF OF BUILDING SEE DRAWING A-2
3. CLASSROOMS WITH DIRECT EGRESS HAVE NOT BEEN INCLUDED IN OCCUPANCY FIGURES.

305 → EXIT DIRECTION AND NUMBER OF PERSONS EXITING
(510) CUMULATIVE OCCUPANTS EXITING
(345) CALCULATED EXIT CAPACITY

II MAJOR THEATRICAL EVENT

AUDITORIUM, STAGE, AND MUSIC ROOMS FULLY OCCUPIED. NO OCCUPANTS IN ATHLETIC FACILITIES. OCCUPANCY OF CLASSROOMS WITH DIRECT EGRESS OPTIONAL.

EGRESS CAPACITY = 1244 NUMBER OF OCCUPANTS = 797

III NORMAL ACADEMIC ACTIVITIES

ALL ACADEMIC AREAS FULLY OCCUPIED. NO SPECTATOR AUDIENCE IN ANY ASSEMBLY SPACE. STUDENTS WOULD NOT SIMULTANEOUSLY OCCUPY GYMNASIUM OR POOL AND LOCKER ROOMS.

EGRESS CAPACITY = 1972 NUMBER OF OCCUPANTS = 558

NON SIMULTANEOUS OCCUPANCY EGRESS PLANS

SCALE 1/32" = 1'-0"
FOR ROOM OCCUPANCY CALCULATIONS AND TRAVEL DISTANCES SEE DRAWING A-2.

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GENERAL INFORMATION

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GI1
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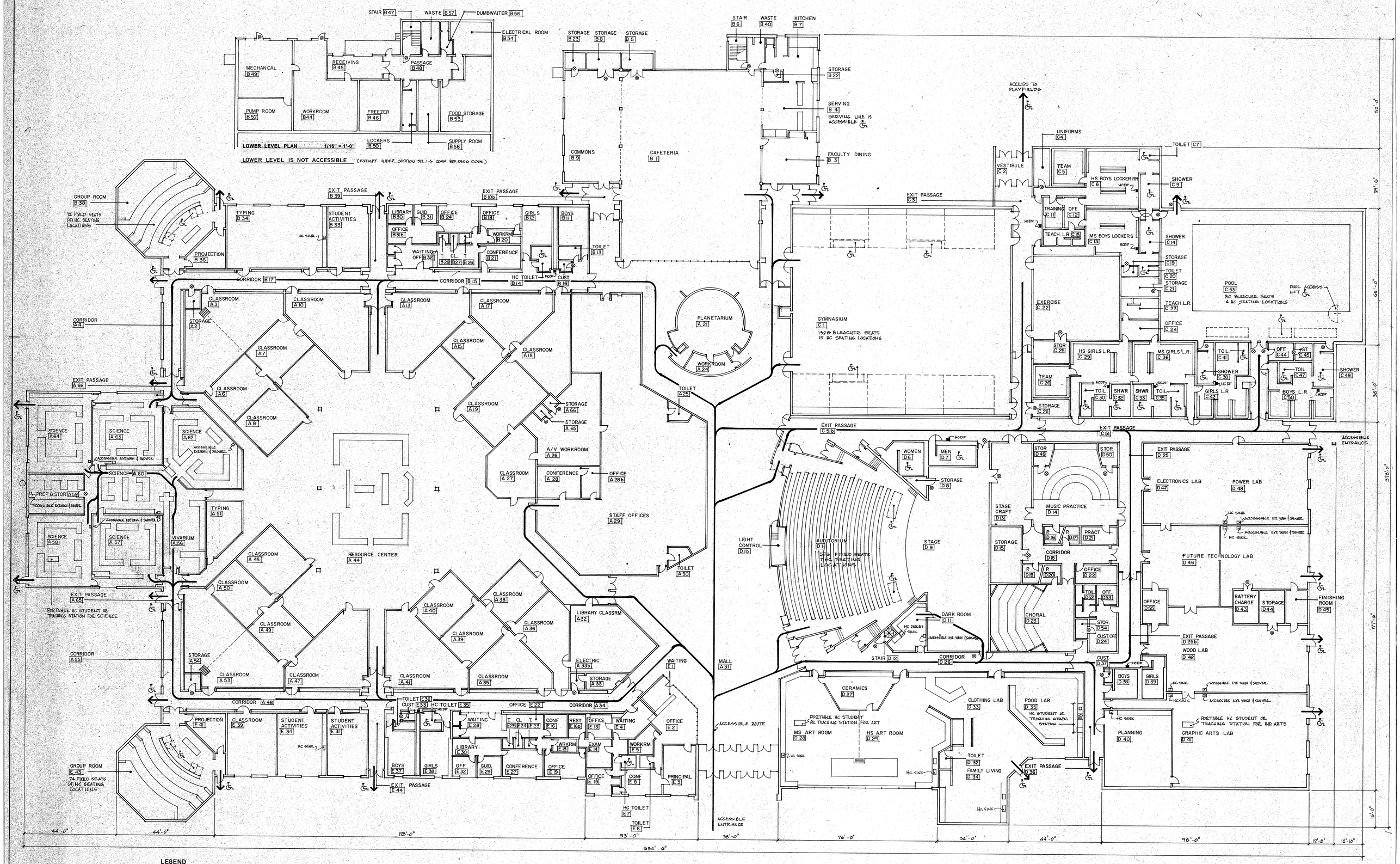

LEGEND

- ⇢ - ACCESSIBLE EXIT
- ⊗ - DOOR REQUIRING TACTILE HARDWARE
- ■ HCDF - HANDICAPPED DRINKING FOUNTAIN
- ♿ - ACCESSIBLE TOILET FACILITY

Signage for the handicapped shall be placed on the wall, to the right or left of the door at a height between 4'-0" and 5'-0" but preferably at a height of 5'-0" above the floor. Provide signage for all doors and signage to mark the accesible route.

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FIRST FLOOR PLAN
ACCESSIBILITY INFORMATION

SCALE: 1/16" = 1'-0"

REVISED 3/25/93

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A1

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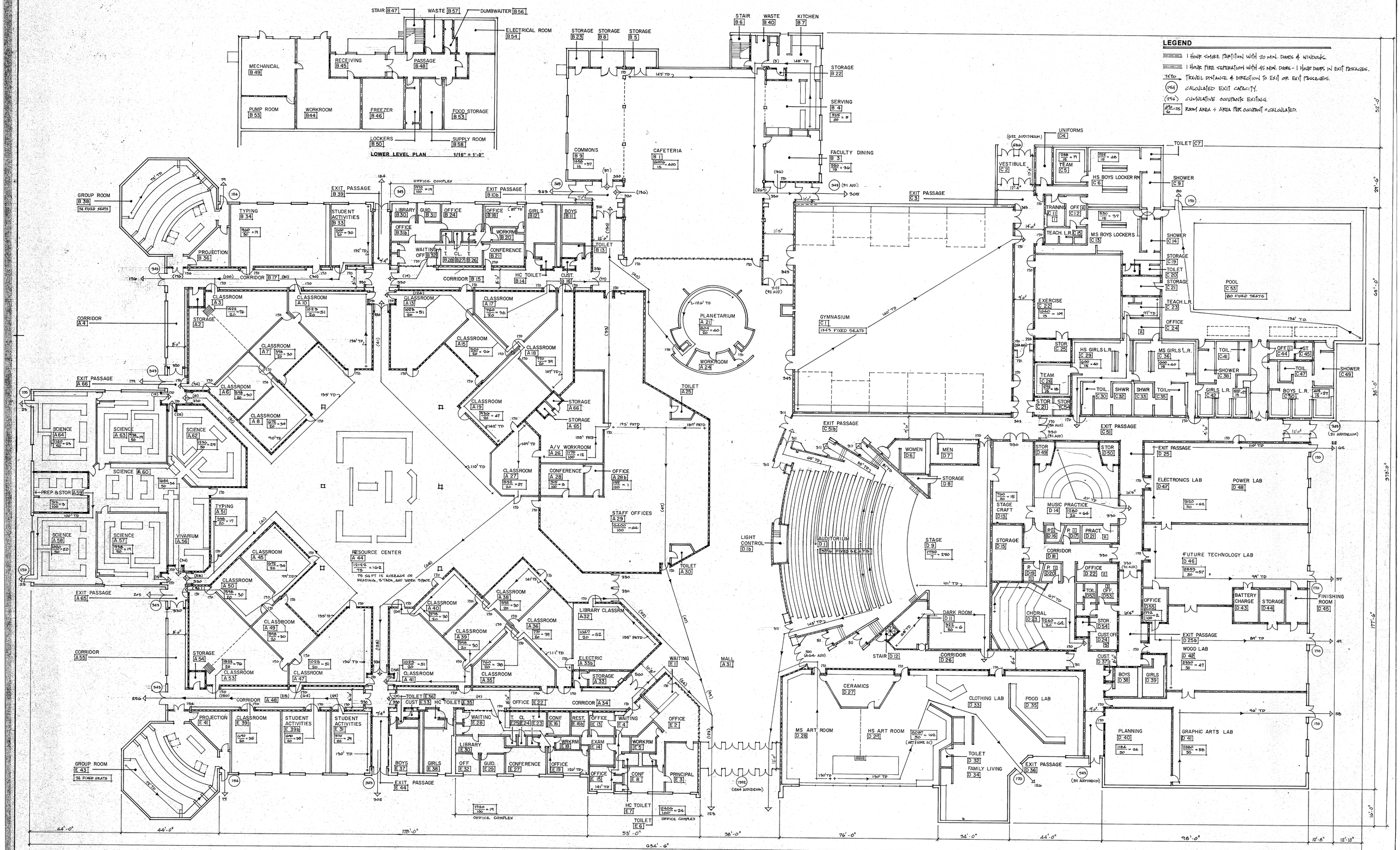
LOWER LEVEL PLAN 1/16" = 1'-0"
STAIR B47
WASTE B57
DUMBWAITER B56
ELECTRICAL ROOM B54
MECHANICAL B49
RECEIVING B45
PASSAGE B48
PUMP ROOM B53
WORKROOM B44
FREEZER B46
FOOD STORAGE B53
LOCKERS B50
SUPPLY ROOM B58
STORAGE B23
STORAGE B8
STORAGE B5
STAIR B6
WASTE B40
KITCHEN B7
STORAGE B22
SERVING B4
FACULTY DINING B3
COMMONS B9
CAFETERIA B1
GROUP ROOM B38
PROJECTION B36
TYPING B34
STUDENT ACTIVITIES B33
EXIT PASSAGE B39
OFFICE COMPLEX
LIBRARY B30
GUID. B31
OFFICE B24
OFFICE B18
GIRLS B12
BOYS B11
OFFICE B31b
WORKRM B20
WAITING B32
CONFERENCE B21
TOILET B13
CORRIDOR B17
CORRIDOR B15
HC TOILET B14
CUST. B16
EXIT PASSAGE B10b
CORRIDOR A4
CLASSROOM A3
CLASSROOM A10
STORAGE A2
CLASSROOM A13
CLASSROOM A17
CLASSROOM A7
CLASSROOM A15
CLASSROOM A18
PLANETARIUM A 21
WORKROOM A 24
CLASSROOM A6
CLASSROOM A8
CLASSROOM A19
STORAGE A66
STORAGE A65
TOILET A25
EXIT PASSAGE A66
SCIENCE A64
SCIENCE A63
SCIENCE A62
A/V WORKROOM A 26
CLASSROOM A 27
CONFERENCE A 28
OFFICE A 28b
STAFF OFFICES A 29
PREP & STOR A59
SCIENCE A60
TYPING A51
SCIENCE A58
SCIENCE A57
VIVARIUM A56
RESOURCE CENTER A 44
TOILET A30
CLASSROOM A 45
CLASSROOM A 50
CLASSROOM A 49
EXIT PASSAGE A65
CORRIDOR A55
STORAGE A54
CLASSROOM A53
CLASSROOM A47
CLASSROOM A 38
CLASSROOM A 40
CLASSROOM A 39
CLASSROOM A 36
CLASSROOM A 41
CLASSROOM A35
LIBRARY CLASSRM A32
ELECTRIC A 33b
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WAITING E1
MALL A31
CORRIDOR A 48
TOILET E36
CUST E33
HC TOILET E35
OFFICE E22
CORRIDOR A34
PROJECTION E41
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STUDENT ACTIVITIES E31
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BOYS E37
GIRLS E38
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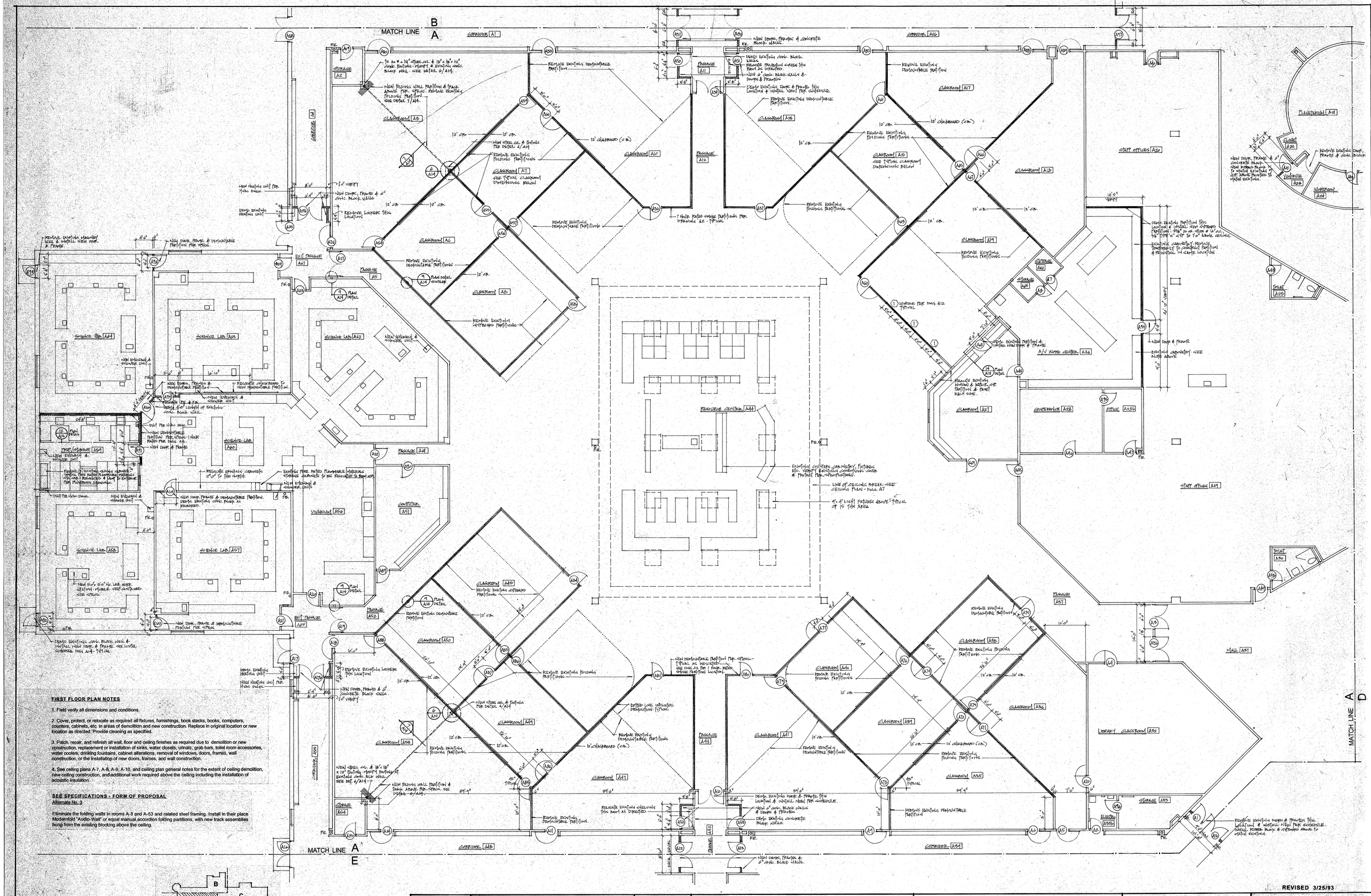
LIBRARY E30
GUID. E29
CONFERENCE E27
OFF. E32
OFFICE E19
WAITING E28
T CL T E25 E24 E23
CONF E16
REST. E16b
OFFICE E13
WAITING E4
WRKRM E 8B
EXAM E 14
WORKRM E5
OFFICE E2
OFFICE E15
CONF E8
PRINCIPAL E3
HC TOILET E7
TOILET E61
OFFICE COMPLEX
OFFICE COMPLEX
VESTIBULE C2
UNIFORMS C4
TOILET C7
TEAM C5
HS BOYS LOCKER RM C6
SHOWER C9
TRAINING C 11
OFF C12
TEACH. L.R. C 14
MS BOYS LOCKERS C13
SHOWER C14
STORAGE C15
TOILET C20
STORAGE C21
POOL C 53
EXERCISE C 22
TEACH. L.R. C 23
OFFICE C 24
GYMNASIUM C1
EXIT PASSAGE C3
STOR C 26
HS GIRLS L.R. C 29
MS GIRLS L.R. C 36
TOIL. C41
SHOWER C36
TOIL C47
SHOWER C49
TEAM C 28
TOIL. C30
SHWR C32
SHWR C33
TOIL. C35
GIRLS L.R. C42
BOYS L.R. C50
STOR C 21
STOR C52
OFF C44
ST C45
EXIT PASSAGE C 51b
EXIT PASSAGE C51
WOMEN D6
MEN D7
STORAGE D8
STOR D49
STOR D50
EXIT PASSAGE D 25
ELECTRONICS LAB D 47
POWER LAB D 48
STAGE CRAFT D13
MUSIC PRACTICE D 14
LIGHT CONTROL D 1b
AUDITORIUM D1
1576 FIXED SEATS
STAGE D 9
STORAGE D15
P. D16
P. D17
PRACT. D21
CORRIDOR D18
P. D19
P. D20
OFFICE D22
FUTURE TECHNOLOGY LAB D 46
DARK ROOM D 11
CHORAL D 23
TOIL. D52
OFF. D51
STOR D54
CUST. OFF D24
BATTERY CHARGE D43
STORAGE D44
FINISHING ROOM D 45
OFFICE D55
STAIR D12
CORRIDOR D26
CUST. D37
EXIT PASSAGE D25b
WOOD LAB D 42
BOYS D38
GIRLS D39
CERAMICS D 27
CLOTHING LAB D 33
FOOD LAB D 35
MS ART ROOM D 28
HS ART ROOM D 29
PLANNING D 40
GRAPHIC ARTS LAB D 41
TOILET FAMILY LIVING D 32 D 34
EXIT PASSAGE D 36
LEGEND
1 HOUR SMOKE PARTITION WITH 20 MIN. DOORS & WINDOWS.
1 HOUR FIRE SEPERATION WITH 45 MIN. DOORS - 1 HOUR DOORS IN EXIT PASSAGES.
TRAVEL DISTANCE & DIRECTION TO EXIT OR EXIT PASSAGES.
CALCULATED EXIT CAPACITY.
CUMULATIVE OCCUPANTS EXITING.
ROOM AREA ÷ AREA PER OCCUPANT = CALCULATED NO. OF OCCUPANTS.
LEGEND
1 HOUR SMOKE PARTITION WITH 20 MIN DOORS AND WINDOWS
1 HOUR FIRE SEPERATION WITH 45 MIN DOORS EXCEPT 1 HOUR DOOR IN EXIT PASSAGES
TRAVEL DISTANCE AND DIRECTION TO EXIT OR EXIT PASSAGE
CALCULATED EXIT CAPACITY
CUMULATIVE OCCUPANTS EXITING
ROOM AREA ÷ AREA PER OCCUPANT = CALCULATED NO. OF OCCUPANTS
TOTAL CALCULATED OCCUPANT LOAD
EDUCATIONAL — 3231
ASSEMBLY — 2028
SEE DRAWING G1-1 FOR ALTERNATE EXIT ARRANGEMENTS
PLAN NORTH
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794
FIRST FLOOR PLAN - FIRE CODE INFORMATION
SCALE: 1/16" = 1'-0"
REVISED 3/25/93
DRAWING NUMBER
A2
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
MARCH 1, 1993



FIRST FLOOR PLAN NOTES

1. Field verify all dimensions and conditions.

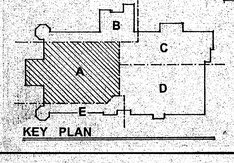
2. Cover, protect, or relocate as required all fixtures, furnishings, book stacks, books, computers, counters, cabinets, etc. in areas of demolition and new construction. Replace in original location or new location as directed. Provide cleaning as specified.

3. Patch, repair, and refinish all wall, floor and ceiling finishes as required due to demolition or new construction, replacement or installation of sinks, water closets, urinals, grab bars, toilet room accessories, water coolers, drinking fountains, cabinet alterations, removal of windows, doors, frames, wall construction, or the installation of new doors, frames, and wall construction.

4. See ceiling plans A-7, A-8, A-9, A-10, and ceiling plan general notes for the extent of ceiling demolition, new ceiling construction, and additional work required above the ceiling including the installation of acoustic insulation.

SEE SPECIFICATIONS - FORM OF PROPOSAL
Alternate No. 3

Eliminate the folding walls in rooms A-3 and A-53 and related steel framing. Install in their place Modernfold "Audio-Wall" or equal manual accordion folding partitions, with new track assemblies hung from the existing blocking above the ceiling.



KEY PLAN

REVISED 3/25/93

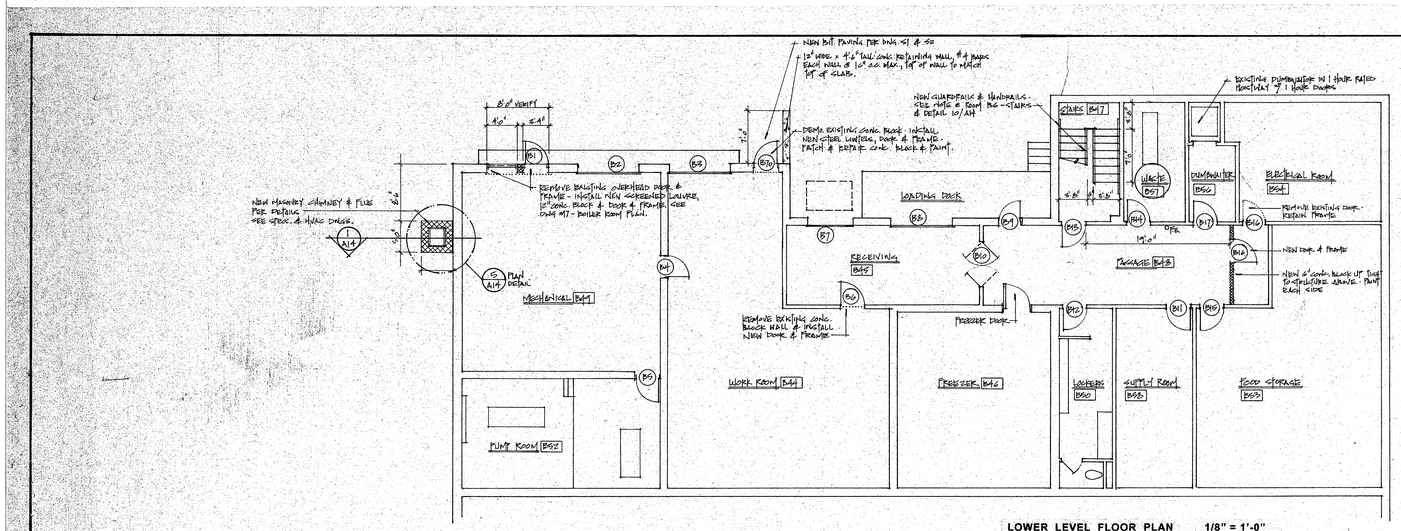
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

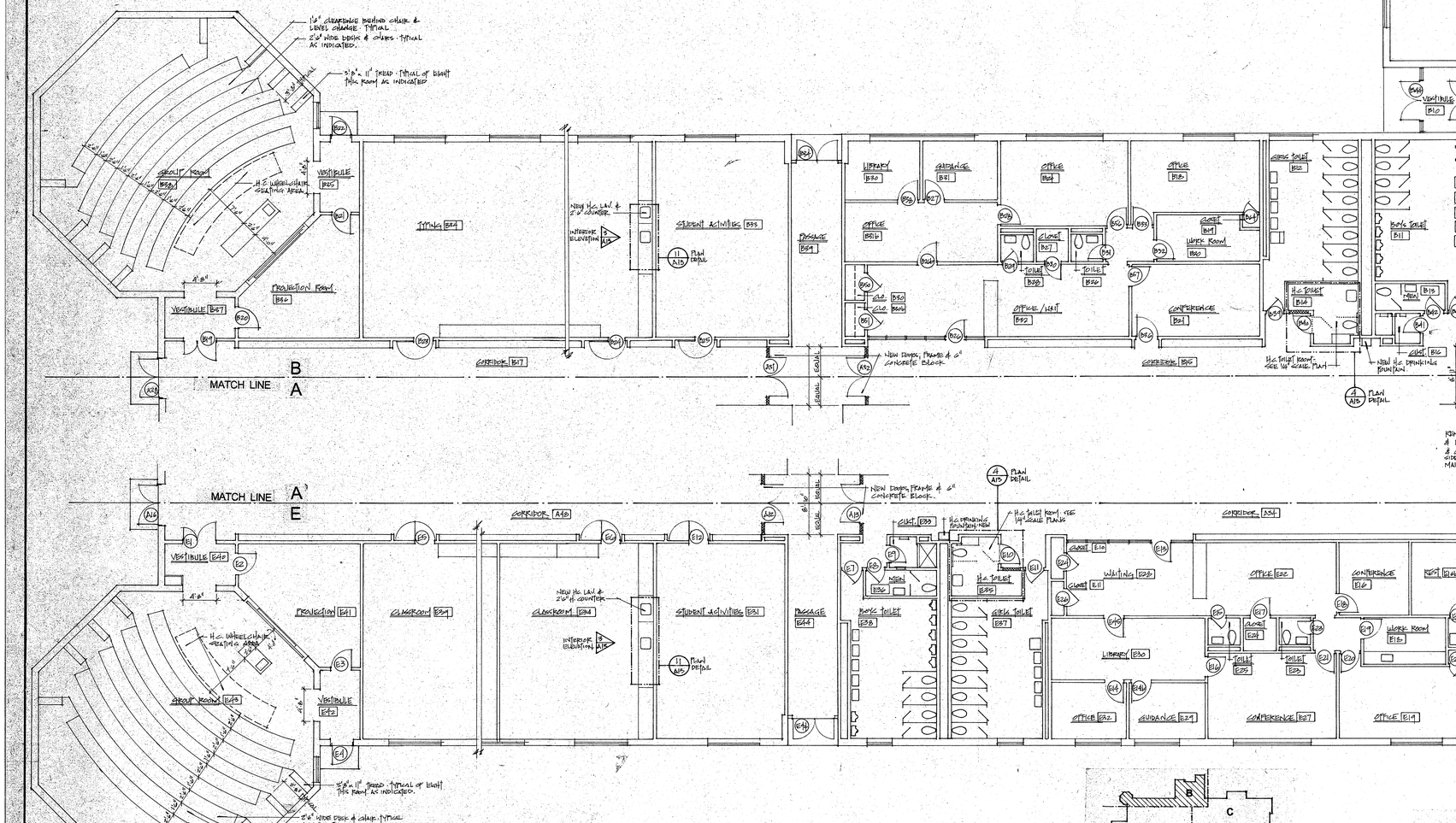
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

FIRST FLOOR PLAN
SECTION 'A'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
A3
PROJECT NUMBER: 9221
STATE PROJECT: 212-89 021A
MARCH 1, 1993



LOWER LEVEL FLOOR PLAN 1/8" = 1'-0"



KEY PLAN

FIRST FLOOR PLAN NOTES

1. Field verify all dimensions and conditions.

2. Cover, protect, or relocate as required all fixtures, furnishings, book stacks, books, computers, counters, cabinets, etc. in areas of demolition and new construction. Replace in original location or new location as directed. Provide cleaning as specified.

3. Patch, repair, and refinish all wall, floor and ceiling finishes as required due to demolition or new construction, replacement or installation of sinks, water closets, urinals, grab bars, toilet room accessories, water coolers, drinking fountains, cabinet alterations, removal of windows, doors, framis, wall construction, or the installation of new doors, frames, and wall construction:

4. See ceiling plans A-7, A-8, A-9, A-10, and ceiling plan general notes for the extent of ceiling demolition, new ceiling construction, and additional work required above the ceiling including the installation of acoustic insulation.

FIRST FLOOR PLAN GENERAL NOTES (continued)

5. Rooms E39, E39b, E31, E29, B34, B33, B31 and all other rooms normally subject to student occupancy that are not exempted under Section 11-2.11.1 Exceptions 2 and 4 are equiped with windows in conformance with Section 11-2.11.1 of the Fire Safety Code for rescue and ventilation.

REVISED 4/22/93
REVISED 3/25/93

PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

FIRST FLOOR PLAN
SECTIONS 'B' & 'E'
BASEMENT FLOOR PLAN
1/8" = 1'-0"

DRAWING NUMBER
A4
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
MARCH 1, 1993

FIRST FLOOR PLAN NOTES

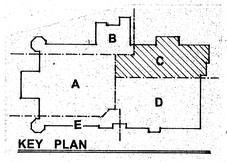
1. Field verify all dimensions and conditions.

2. Cover, protect, or relocate as required all fixtures, furnishings, book stacks, books, computers, counters, cabinets, etc. In areas of demolition and new construction. Replace in original location or new location as directed. Provide cleaning as specified.

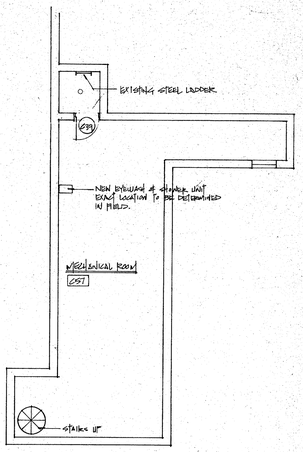
3. Patch, repair, and refinish all wall, floor and ceiling finishes as required due to demolition or new construction, replacement or installation of sinks, water closets, urinals, grab bars, toilet room accessories, water coolers, drinking fountains, cabinet alterations, removal of windows, doors, frames, wall construction, or the installation of new doors, frames, and wall construction.

4. See ceiling plans A-7, A-8, A-9, A-10, and ceiling plan general notes for the extent of ceiling demolition, new ceiling construction, and additional work required above the ceiling including the installation of acoustic insulation.

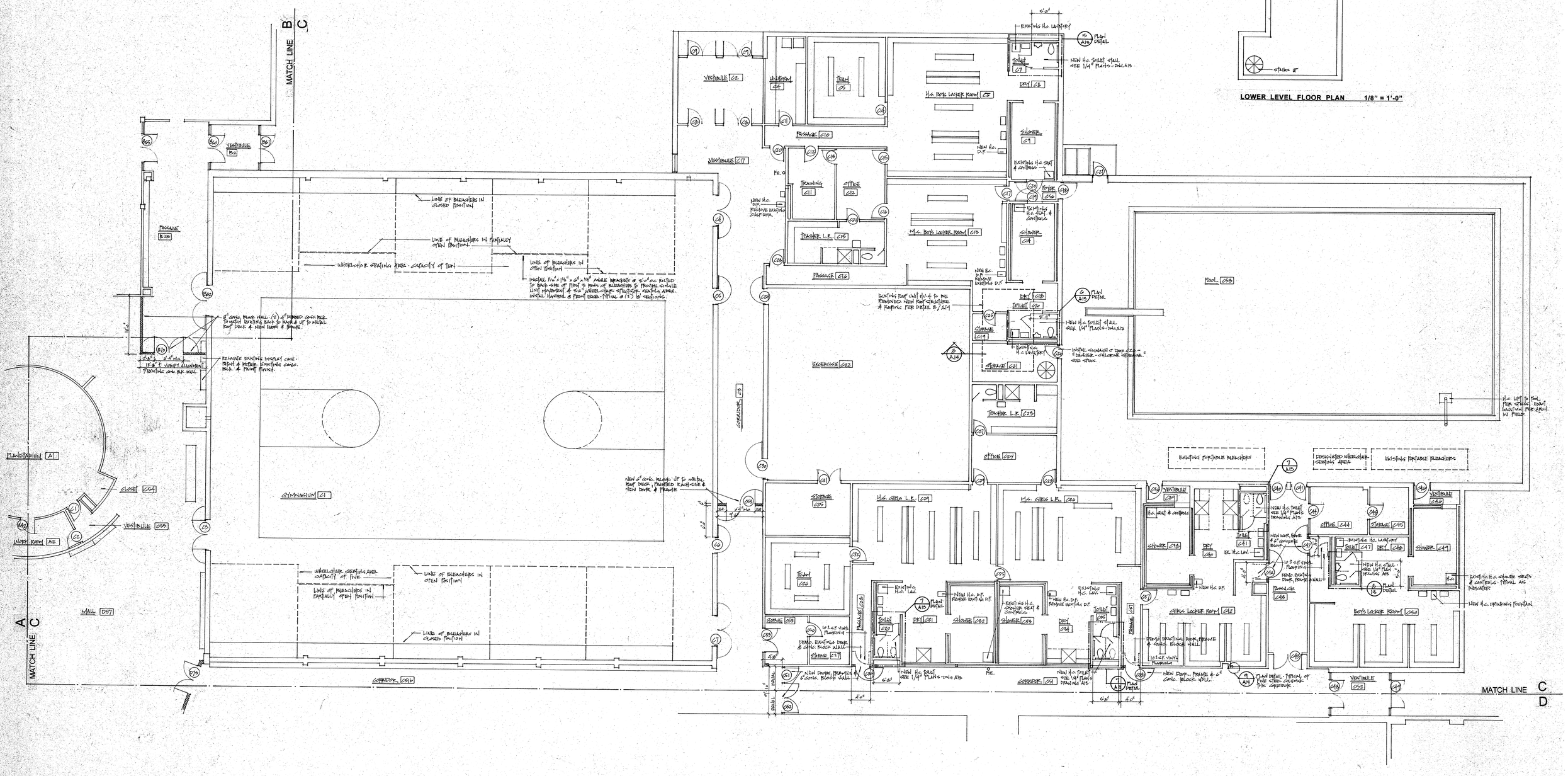
5. At handicapped showers at Shower Rooms C9, C14, C32, C33, C38, and C39 install shower spray unit with 60" minimum hose which may be used as both a fixed shower head and a hand held shower spray. See plumbing drawings.



KEY PLAN



LOWER LEVEL FLOOR PLAN 1/8" = 1'-0"



PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

FIRST FLOOR PLAN
SECTION 'C'
SCALE: 1/8" = 1'-0"

REVISED 3/25/93

DRAWING NUMBER
A5
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A

MARCH 1, 1993

MATCH LINE

MATCH LINE

MATCH LINE

NOTE: AT ALL NEW RIBBED CONCRETE BLOCK AT WALL - INSTALL SHAPED FACE CONC. BLK. 8" BASE TO MATCH EXISTING - SEE DWGS. A5, A6, A6 & A6

NEW 8" CONC. BLOCK & DOOR & FRAMES #75, #76 & #77. CONC. BLOCK TO BE RIBBED TO MATCH EXISTING & SIDEWARD & STEEL STUD CONSTRUCTION WALL TO MATCH EXISTING - PAINT SIDEWARD.

REMOVE EXISTING CONCRETE BLOCK & DOORS.

EXISTING OAK HANDRAILS - MODIFY PER DETAIL 11/A14

NEW H.C. TOILET STALL SEE 1/A1 PLAN

EXISTING OAK HANDRAILS EACH SIDE OF STAIRS - MODIFY PER DETAIL 11/A14

NEW PANIC EVACUATION SYSTEM

NEW FIRE VENT / SMOKE HATCH ABOVE STAGE - SEE FRAMING DET. 5/A14 - SECTION DET. 4/A14 & STAGE - TYPICAL OF 6 IX

EXISTING OAK HANDRAIL EACH SIDE OF STAIRS - MODIFY PER DETAIL 11/A14

NEW 8" CONC. BLOCK & DOORS & FRAMES SAME BLOCK PER STOCK - RIBBED TO MATCH EXISTING & SIDEWARD ABOVE. SEE NOTES & DWG. D1c.

REMOVE EXISTING GLAZED BLOCK SASH, WINDOWS & SIDEWARD & STUDS ABOVE - INSTALL NEW 8" HIGH 16" CONC. BLOCK GLAZED SASH W/ RIBBED CONC. BLOCK UP 11'-4" ± TO MATCH EXISTING & 3/4" THICK STEEL TO MATCH EXISTING UP TO WIDE FLANGE & UP TO METAL DECK.

EXISTING TELEPHONE - LOWER TO MOUNTING HEIGHT PER DWG A1b - PATCH CONC. BLOCK TO MATCH EXISTING.

NEW H.C. LAVATORY SEE 1/A1 PLAN - DWG A1b

EXISTING TELEPHONE - LOWER TO MOUNTING HEIGHT PER DWG A1b - PATCH CONCRETE BLOCK TO MATCH EXISTING.

REMOVE EXISTING URINAL & CONCRETE BLK. WALL & INSTALL NEW CONCRETE BLOCK WALL, START PAINTING. SEE 1/A1 PLAN

EXISTING H.C. TOILET STALL

EXISTING H.C. LAVATORY

NEW H.C. TOILET STALL SEE 1/A1 PLAN

NEW H.C. LAVATORY & COUNTER SEE DETAIL 1/A15

NEW H.C. LAVATORY & COUNTER SEE DETAIL 1/A15

NEW PARTABLE HANDICAP WORK STATION PER SPECS.

NEW DOORS, FRAMES & 6" CONCRETE BLOCK - STANDARD FACE & PAINT.

NEW DOORS, FRAMES & 8" CONC. BLOCK WALL - STANDARD FACE & PAINT.

REMOVE EXISTING DRINKING FOUNTAINS

NEW H.C. LAVATORY

NEW EYEWASH & SHOWER UNIT

NEW EYEWASH & SHOWER UNITS

REMOVE EXISTING PARTIAL HEIGHT SIDEWARD PARTITION, DOOR & FRAMES.

PROVIDE SHELVING ON BOOK DIST. - FACTORY FINISHED, NO SHARP EDGES, PLANE OR SPARKS.

NEW FLAMMABLE MATERIALS CABINET PER SPECS. - VENT TO EXTERIOR PER PLUMBING DRAWINGS.

CONSULT COLLECTION OPERATION IN CONFORMANCE W/ N.F.P.A. 91

FINISH ROOM EXHAUST & HOOD OPERATION IN CONFORMANCE W/ N.F.P.A. 91.

REMOVE EXISTING D.F. & INSTALL NEW H.C. LAVATORIES

NEW EYEWASH & SHOWER UNITS

EXISTING 4'-0" x 8'-0" x 2'-6" HIGH H.C. WORK STATION.

NEW FLAMMABLE MATERIALS CABINET PER SPECS. - VENT TO EXTERIOR PER PLUMBING DRAWINGS.

REMOVE EXISTING D.F. - INSTALL NEW H.C. D.F.

NEW H.C. LAVATORY

EXISTING H.C. ACCESSIBLE DRINKFOUNTAIN

NEW PARTABLE HANDICAP WORK STATION PER SPECS.

REMOVE EXISTING PARTIAL HEIGHT PARTITION & INSTALL NEW 5'-0" HIGH DOOR, FRAMES & STEEL LINTEL ABOVE

REMOVE EXISTING WATER CLOSET, LAV. BASIN UNIT, CAP ALL PIPING, PATCH & REPAIR ALL WALL & FLOOR MATERIALS & FINISHES - INSTALL NEW CERAMIC TILE AT BATH UNIT LOCATION - TO MATCH EXISTING.

PARTIAL HEIGHT MOVEMENT WALL

SEE SPECIFICATIONS - FORM OF PROPOSAL

Alternate No. 2

Eliminate all work shown on Drawing A-6 and to convert toilet room D32 to a storage room. Door D4 would is still to be widened per door schedule.

KEY PLAN

FIRST FLOOR PLAN NOTES

1. Field verify all dimensions and conditions.

2. Cover, protect, or relocate as required all fixtures, furnishings, book stacks, books, computers, counters, cabinets, etc. in areas of demolition and new construction. Replace in original location or new location as directed. Provide cleaning as specified.

3. Patch, repair, and refinish all wall, floor and ceiling finishes as required due to demolition or new construction, replacement or installation of sinks, water closets, urinals, grab bars, toilet room accessories, water coolers, drinking fountains, cabinet alterations, removal of windows, doors, frames, wall construction, or the installation of new doors, frames, and wall construction.

4. See ceiling plans A-7, A-8, A-9, A-10, and ceiling plan general notes for the extent of ceiling demolition, new ceiling construction, and additional work required above the ceiling including the installation of acoustic insulation.

REVISED 4/22/93
REVISED 3/25/93

PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

FIRST FLOOR PLAN
SECTION 'D'

SCALE: 1/8" = 1'-0"

DRAWING NUMBER
A6
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A

MARCH 1, 1993

MATCH LINE B / A

CEILING PLAN GENERAL NOTES

1. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing acoustic tile and suspension system which is undamaged or install new to match as required. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

2. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing suspension system which is undamaged or install new to match as required. Replace all acoustic tile per specifications. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

3. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Install new acoustic ceiling tile and suspension system per the specifications. Replace existing existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing, or HVAC Drawings.

4. See Drawings A3, A4, A5 and A6 for the locations of all new concrete block walls, gypboard partitions, folding partitions and demountable partitions. Remove existing ceiling tile and suspension system to accommodate partition or track construction and replace if undamaged. If damaged, install new to match the existing.

5. Verify all existing conditions and dimensions in the field of all ceiling conditions.

6. At all corridors and exit passages, storage rooms, electric rooms, and all one hour fire rated partitions and one hour smoke partitions as indicated on Drawings A2, A7, A8, A9, and A10, examine gypboard and concrete block wall construction above the ceiling and up to the metal roof deck. Seal all penetrations with 5/8" Type 'X' Gypsum Wallboard and compound at existing gypboard wall construction and 6" or 8" concrete block and mortar at concrete block wall construction. Install fire safing as required at wall penetrations and at all locations between steel beams and metal roof deck and steel joists and metal roof deck.

7. At all locations indicated on the drawings to install gypboard at steel beams above the ceiling, remove ceiling acoustic tile and suspension system as required to complete the work. Replace undamaged acoustic tile and suspension system or new to match existing.

8. INSTALL 6" ACOUSTIC INSULATION PER SPECS ABOVE CEILING TILES AT CLASSROOMS A3, A4, A7, A8, A10, A15, A17, A18, A19, A21, A26, A35, A38, A39, A40, A41, A45, A47, A49, A50 AND A55.

KEY PLAN

MATCH LINE A / E

PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
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NEW HARTFORD, CONNECTICUT 06057

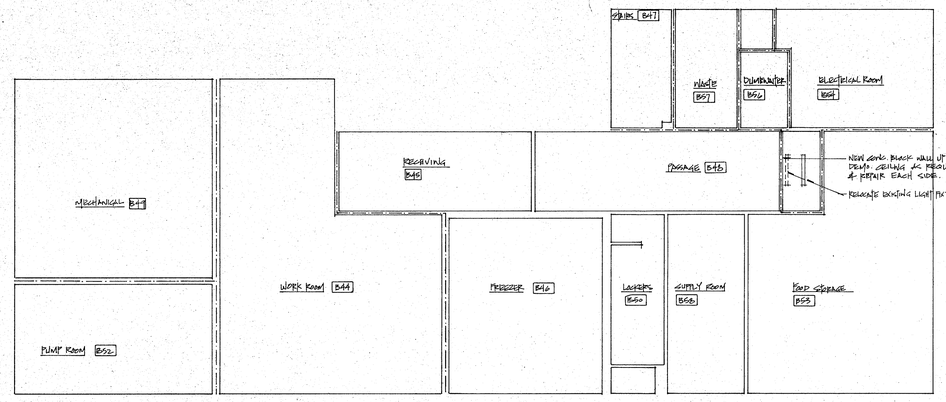
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

REFLECTED CEILING PLAN
SECTION 'A'
SCALE: 1/8" = 1'-0"

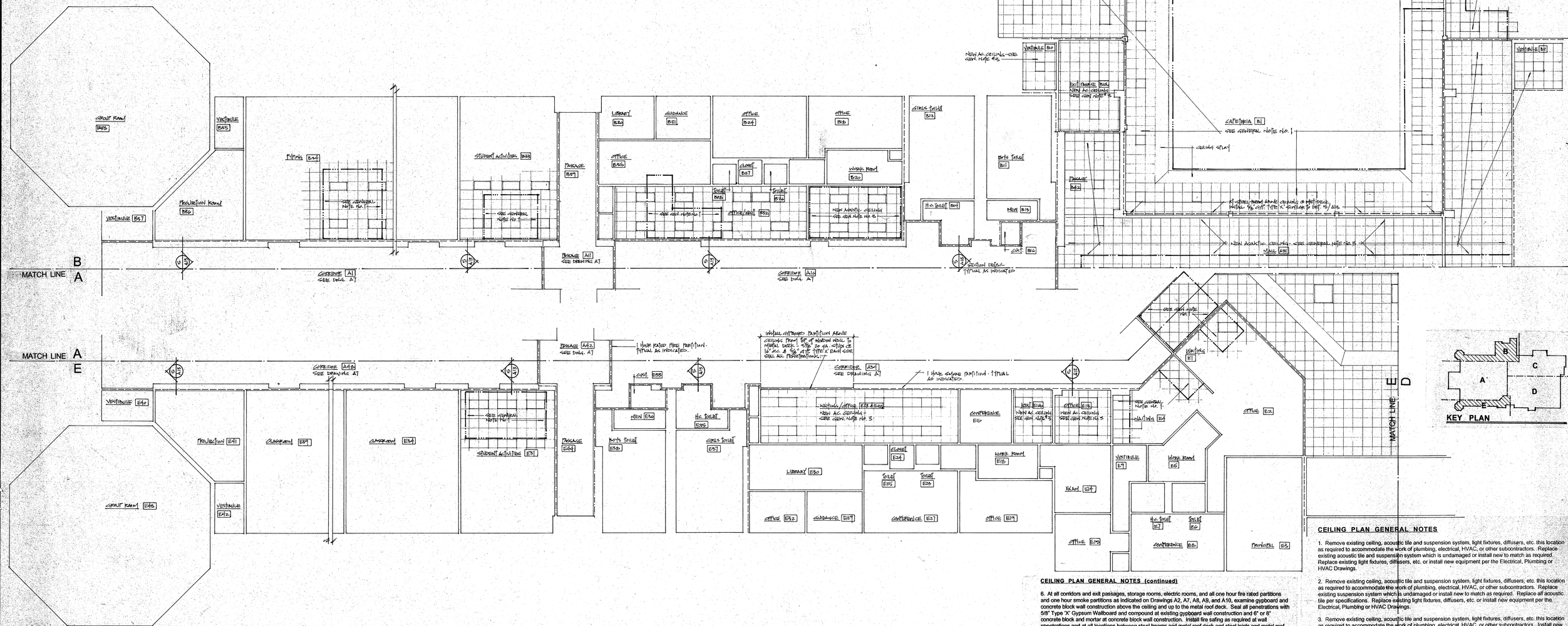
REVISED 3/25/93

DRAWING NUMBER
A7
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A

MARCH 1, 1993



LOWER LEVEL CEILING PLAN 1/8" = 1'-0"



CEILING PLAN GENERAL NOTES

1. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing acoustic tile and suspension system which is undamaged or install new to match as required. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

2. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing suspension system which is undamaged or install new to match as required. Replace all acoustic tile per specifications. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

3. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Install new acoustic ceiling tile and suspension system per the specifications. Replace existing existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing, or HVAC Drawings.

4. See Drawings A3, A4, A5 and A6 for the locations of all new concrete block walls, gypboard partitions, folding partitions and demountable partitions. Remove existing ceiling tile and suspension system to accommodate partition or track construction and replace if undamaged. If damaged, install new to match the existing.

5. Verify all existing conditions and dimensions in the field of all ceiling conditions.

CEILING PLAN GENERAL NOTES (continued)

6. At all corridors and exit passages, storage rooms, electric rooms, and all one hour fire rated partitions and one hour smoke partitions as indicated on Drawings A2, A7, A8, A9, and A10, examine gypboard and concrete block wall construction above the ceiling and up to the metal roof deck. Seal all penetrations with 5/8" Type 'X' Gypsum Wallboard and compound at existing gypboard wall construction and 6" or 8" concrete block and mortar at concrete block wall construction. Install fire safing as required at wall penetrations and at all locations between steel beams and metal roof deck and steel joists and metal roof deck.

7. At all locations indicated on the drawings to install gypboard at steel beams above the ceiling, remove ceiling acoustic tile and suspension system as required to complete the work. Replace undamaged acoustic tile and suspension system or new to match existing.

REVISED 3/25/93

PLAN NORTH

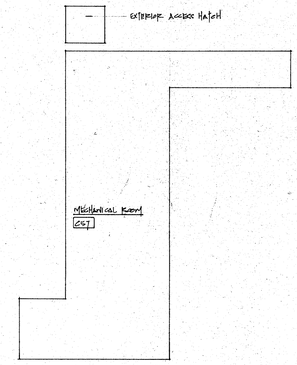
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

REFLECTED CEILING PLAN
SECTIONS 'B' & 'E'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
A8
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
MARCH 1, 1993



LOWER LEVEL CEILING PLAN 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing acoustic tile and suspension system which is undamaged or install new to match as required. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

2. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Replace existing suspension system which is undamaged or install new to match as required. Replace all acoustic tile per specifications. Replace existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing or HVAC Drawings.

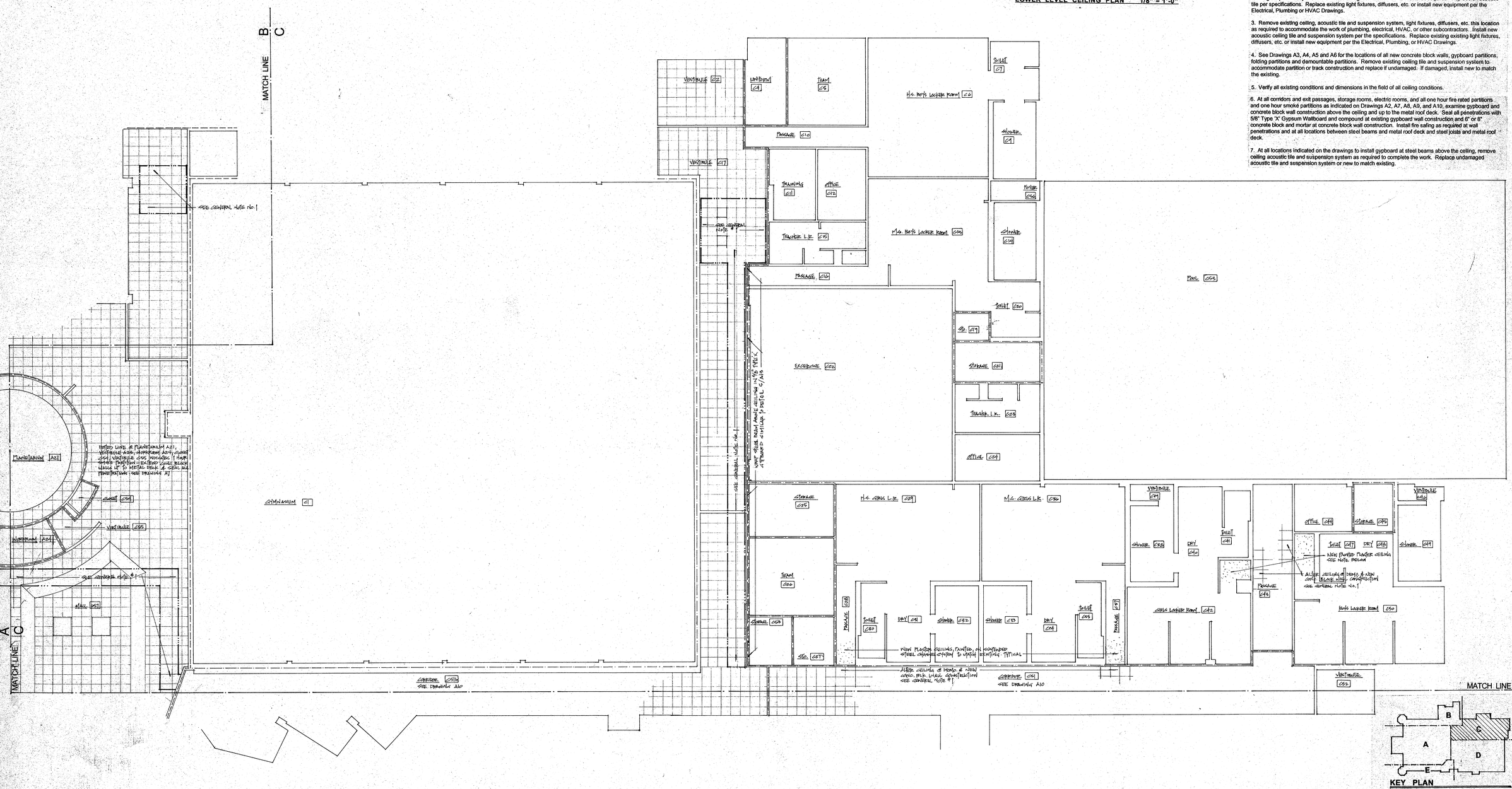
3. Remove existing ceiling, acoustic tile and suspension system, light fixtures, diffusers, etc. this location as required to accommodate the work of plumbing, electrical, HVAC, or other subcontractors. Install new acoustic ceiling tile and suspension system per the specifications. Replace existing existing light fixtures, diffusers, etc. or install new equipment per the Electrical, Plumbing, or HVAC Drawings.

4. See Drawings A3, A4, A5 and A6 for the locations of all new concrete block walls, gypboard partitions, folding partitions and demountable partitions. Remove existing ceiling tile and suspension system to accommodate partition or track construction and replace if undamaged. If damaged, install new to match the existing.

5. Verify all existing conditions and dimensions in the field of all ceiling conditions.

6. At all corridors and exit passages, storage rooms, electric rooms, and all one hour fire rated partitions and one hour smoke partitions as indicated on Drawings A2, A7, A8, A9, and A10, examine gypboard and concrete block wall construction above the ceiling and up to the metal roof deck. Seal all penetrations with 5/8" Type 'X' Gypsum Wallboard and compound at existing gypboard wall construction and 6" or 8" concrete block and mortar at concrete block wall construction. Install fire safing as required at wall penetrations and at all locations between steel beams and metal roof deck and steel joists and metal roof deck.

7. At all locations indicated on the drawings to install gypboard at steel beams above the ceiling, remove ceiling acoustic tile and suspension system as required to complete the work. Replace undamaged acoustic tile and suspension system or new to match existing.



KEY PLAN

PLAN NORTH

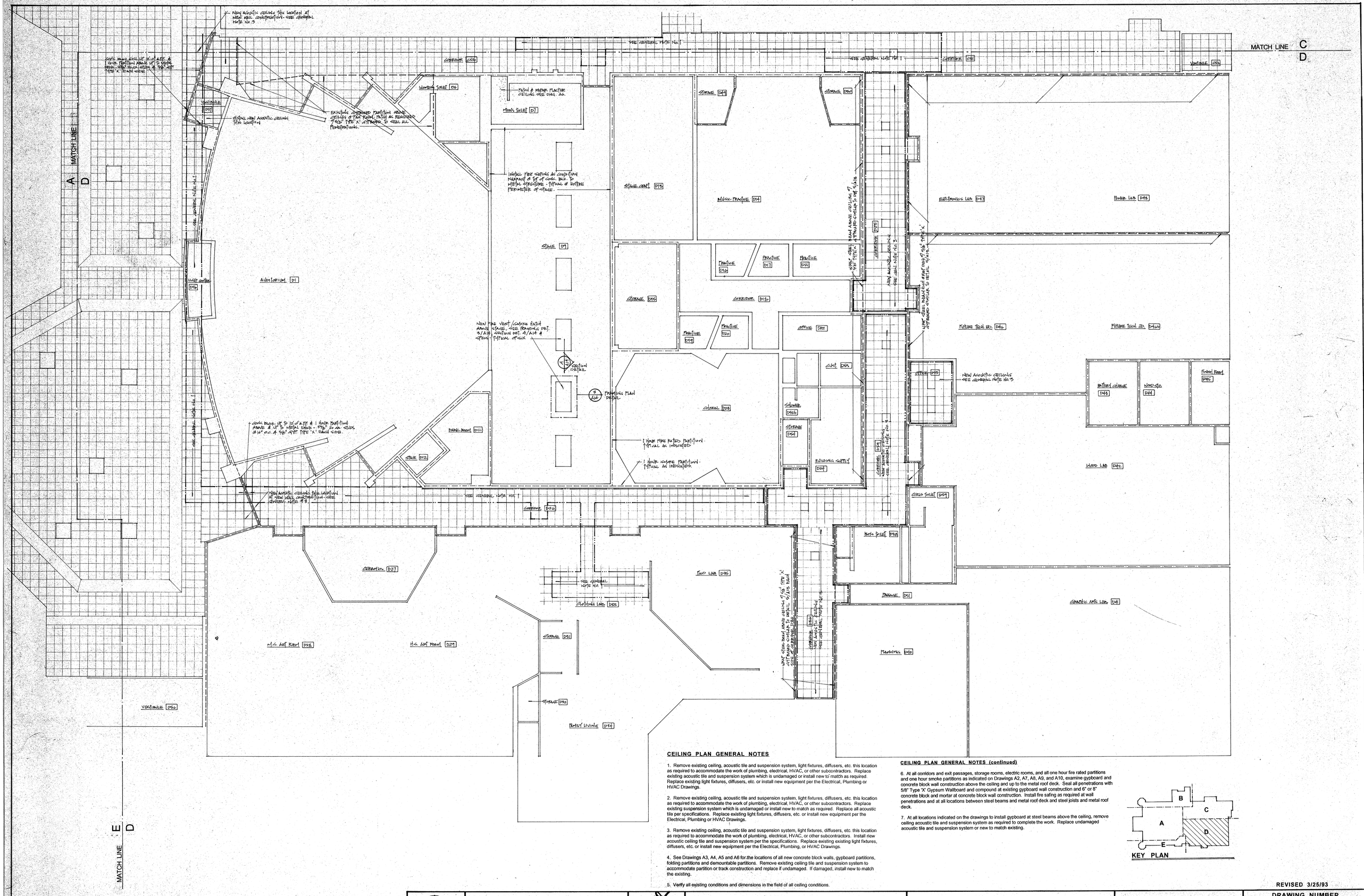
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

REFLECTED CEILING PLAN
SECTION 'C'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
A9
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
MARCH 1, 1993
REVISED 3/25/93


MATCH LINE A D
MATCH LINE C D
MATCH LINE E D
NEW ACOUSTIC CEILING TILE LOCATION AT NEW WALL CONSTRUCTION - SEE GENERAL NOTE NO 3
SEE GENERAL NOTE No 1
CORRIDOR D30
VESTIBULE D59
WOMENS TOILET D6
MENS TOILET D7
PATCH & REPAIR PLASTER CEILING - SEE DWG. A6.
EXISTING CONCRETE PARTITION ABOVE CEILING OF FAN ROOM. PATCH AS REQUIRED 5/8" TYPE 'X' GYPBOARD TO SEAL ALL PENETRATIONS.
INSTALL FIRE CAULKING AS CONDITION WARRANT @ TOP OF CONC. BLK. TO METAL STRUCTURE - TYPICAL @ ENTIRE PERIMETER OF STAGE.
STAGE CURTAIN D12
STAGE D9
AUDITORIUM D1
LIGHT COVES D16
STORAGE D49
STORAGE D50
MUSIC PRACTICE D14
PRACTICE D16
PRACTICE D17
PRACTICE D21
STORAGE D15
CORRIDOR D15
PRACTICE D19
PRACTICE D20
OFFICE D22
CLOSET D23
SHOWER D52
STORAGE D54
BUILDING SUPPLY D27
CHORAL D25
NEW FIRE VENT/CURTAIN HATCH ABOVE STAGE - SEE FRAMING PLAN DET. 3/A14 - SECTION DET. 4/A14 & 5/A14 - TYPICAL OF SIX
SECTION DETAIL
FRAMING PLAN DETAIL
1 HOUR FIRE RATED PARTITION - TYPICAL AS INDICATED
1 HOUR SMOKE PARTITION - TYPICAL AS INDICATED
CONC BLOCK UP TO 12'-0" AFF @ 1 HOUR PARTITION ABOVE & UP TO METAL DECK - 1"x3" 20 GA STUDS @ 16" o.c. @ 5/8" TYP 'X' EACH SIDE.
DANCE ROOM D11
STAIR D12
NEW ACOUSTIC CEILING TILE LOCATION AT NEW WALL CONSTRUCTION - SEE GENERAL NOTE # 3
CERAMICS D27
M.S. ART ROOM D28
H.S. ART ROOM D29
STORAGE D51
STORAGE D32
FAMILY LIVING D44
VESTIBULE D56
ELECTRONICS LAB D47
POWER LAB D48
FUTURE TECH ED. D46
FUTURE TECH ED. D40
OFFICE D55
NEW ACOUSTIC CEILINGS - SEE GENERAL NOTE NO 3
BATTERY CHARGE D43
WOODSTOR. D44
FINISH ROOM D45
WOOD LAB D42
GIRLS TOILET D39
BOYS TOILET D38
CORRIDOR D31
PASSAGE D31
GRAPHIC ARTS LAB D41
MAINTENANCE D36
FOOD LAB D35
CLOTHING LAB D33
SEE GENERAL NOTE No 1
NEW ACOUSTIC CEILING TILE - SEE GENERAL NOTE NO 3

DOOR SCHEDULE

DOOR NUMBER	DETAIL - DWG. NO. A12	SIZE WIDTH	SIZE HEIGHT	TYPE - MATERIAL	FRAME TYPE - DWG. NO. A12	FRAME HEAD - DWG. NO. A12	FRAME JAMB - DWG. NO. A12	FRAME SADDLE - DWG. NO. A12	FIRE RATING NO RATING	FIRE RATING 20 MINUTE	FIRE RATING 45 MINUTE	FIRE RATING 1 HOUR	FIRE RATING 2 HOUR	HARDWARE FIRECODE PANIC RELEASE LATCH	HARDWARE FIRECODE LATCHING / LOCKABLE	HARDWARE FIRECODE AUTOMATIC CLOSER	HARDWARE FIRECODE ELECTRO-MECH. CLO.	HARDWARE FIRECODE DELAYED ACTION CLO.	HARDWARE DISABLED REQ LEVER HANDLES	HARDWARE DISABLED REQ KICK PLATES	HARDWARE DISABLED REQ TACTILE WARNING	HARDWARE DISABLED REQ ACCESSIBLE THRES.	SIGNAGE MOUNTING HEIGHT 60" AFF	REMARKS
A1		3'-0"	7'-0"	M-WOOD	1	A	A		●					●	●	●			●	●			REQUIRED	● NO LOCK
A1b		PAIR 3'-0"	7'-0"	M. WOOD	2	A	A		●					●	●	●			●	●			REQUIRED	● NO LOCK
A2		2'-8"	7'-0"	D-WOOD	EXISTING H.M. FRAME					●				●	●	●					●			◇ MOD. #2
A3		PAIR 3'-0"	7'-0"	W-WOOD					●					●	●	●			●	●				◇ MOD. #2
A3b		PAIR 3'-0"	7'-0"	M-WOOD					●					●	●	●			●	●				◇ MOD. #2
A4		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ MOD. #5 11-3.6.1 EXCEPTION 3
A5		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ MOD. #5 11-3.6.1 EXCEPTION 3
A6		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ MOD. #5 11-3.6.1 EXCEPTION 3
A7		3'-0"	7'-0"	O-WOOD						●					●	●					●		NOT REQUIRED	◇ MOD. #2
A8		3'-0"	7'-0"	O-WOOD						●					●	●					●			◇ MOD. #2
A9		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ 11-3.6.1 EXCEPTION 3
A10		3'-0"	7'-0"	L-WOOD							●			●	●	●			●	●				◇ MOD. #2
A11		3'-0"	7'-0"	B-WOOD					○						●				●	●			REQUIRED	◇ 11-3.6.1 EXCEPTION 3
A12		PAIR 3'-0"	7'-0"	L-WOOD	2	A	A						●	●	●	●			●	●				● NO LOCKS
A13		PAIR 3'-0"	7'-0"	L-WOOD	2	A	A						●	●	●	●			●	●				● NO LOCKS
A14		3'-0"	7'-0"	B-WOOD	EXISTING FRAME				○						●				●	●				◇ 11-3.6.1 EXCEPTION 3
A15		3'-0"	7'-0"	O-WOOD						●					●	●					●		NOT REQUIRED	◇ MOD. #2 & #3
A16		3'-0"	7'-0"	C-ALUM.					○		○	○							●				NOT REQUIRED	◇ PUSH-PULL EXISTING
A17		PAIR 3'-0"	7'-0"	C-ALUM.					○		○	○							●				NOT REQUIRED	◇ PUSH - PULL EXISTING
A17b		PAIR 3'-0"	7'-0"	L-WOOD	2	A	A						●	●	●	●			●	●			REQUIRED	● NO LOCKS
A18		3'-0"	7'-0"	L-WOOD	EXISTING FRAME								●		●	●			●	●			REQUIRED	◇ MOD. #2
A19		PAIR 3'-0"	7'-0"	L-WOOD									●		●	●			●	●				◇ MOD. #2
A20		3'-0"	7'-0"	L-WOOD									●		●	●			●	●				◇ MOD. #2
A21		3'-0"	7'-0"	L-WOOD									●		●	●			●	●				◇ MOD. #2
A22		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ 11-3.6.1 EXCEPTION 3
A23		3'-0"	7'-0"	L-WOOD									●		●	●			●	●				◇ MOD. #2
A24		3'-0"	7'-0"	L-WOOD									●		●	●			●	●				◇ MOD. #2
A25		PAIR 3'-0"	7'-0"	C-ALUM.					○		○	○							●				NOT REQUIRED	◇ PUSH - PULL EXISTING
A25b		PAIR 3'-0"	7'-0"	L-DOOR	2	A	A						●	●	●	●			●	●			REQUIRED	● NO LOCKS
A26		3'-0"	7'-0"	L-WOOD	EXISTING FRAME								●		●	●			●	●			REQUIRED	◇ MOD. #2
A27		PAIR 3'-0"	7'-0"	L-WOOD									●		●	●			●	●			REQUIRED	◇ MOD. #2
A28		PAIR 3'-0"	7'-0"	C-ALUM.					○		○	○							●				NOT REQUIRED	◇ PUSH - PULL EXISTING
A29		3'-0"	7'-0"	O-WOOD						○					●						●		REQUIRED	◇ MOD. #2 & #3
A30		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ 11-3.6.1 EXCEPTION 3 MOD. #5
A31		PAIR 3'-0"	7'-0"	L-WOOD	2	A	A						●	●	●	●			●	●				● NO LOCKS
A32		PAIR 3'-0"	7'-0"	L-WOOD	2	A	A						●	●	●	●			●	●				● NO LOCKS
A33		3'-0"	7'-0"	B-WOOD	EXISTING FRAME				○						●				●	●				◇ 11-3.6.1 EXCEPTION 3 MOD. #5
A34		PAIR 3'-0"	7'-0"	L-WOOD									●		●	●			●	●				◇
A35		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ 11-3.6.1 EXCEPTION 3 MOD. #5
A36		3'-0"	7'-0"	M-WOOD	1	A	A		●						●				●	●				●
A37		3'-0"	7'-0"	M-WOOD	1	A	A		●						●				●	●				◇ 11-3.6.1 EXCEPTION 3 MOD. #5
A38		3'-0"	7'-0"	B-WOOD	EXISTING FRAME				○						●				●	●				◇ 11-3.6.1 EXCEPTION 3 MOD. #5
A39		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ 11-3.6.1 EXCEPTION 3
A40		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇
A41		3'-0"	7'-0"	M-WOOD	1	A	A		●						●				●	●				●
A42		3'-0"	7'-0"	O-WOOD	EXISTING FRAME					○					●				●	●				◇ MOD. #2 & #3
A43		2'-8"	7'-0"	D-WOOD					○						●				●	●				○
A44		3'-0"	7'-0"	O-WOOD						○					●				●	●				◇ MOD. #2 & #3
A45		3'-0"	7'-0"	M-WOOD						○					●				●	●				◇ MOD. #2 & #3
A46		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇
A47		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇
A48		2'-6"	7'-0"	D-WOOD											○	○					○			◇
A49		3'-0"	7'-0"	B-WOOD					○						●				●	●				◇ 11-3.6.1 EXCEPTION 3
A50		3'-0"	7'-0"	L-WOOD	1	A	A						●	●	●	●			●	●				●
A51		3'-0"	7'-0"	L-WOOD	1	A	A						●	●	●	●			●	●				●
A52		3'-0"	7'-0"	L-WOOD	1	A	A						●	●	●	●			●	●				●
A53		6'-0"	7'-0"	L-WOOD	1	A	A						●	●	●	●			●	●				●
A54		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A55		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCKS
A56		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCKS
A57		3'-0"	7'-0"	M-WOOD	1	C	A			●					●				●	●				●
A58		3'-0"	7'-0"	M-WOOD	1	C	A			●					●				●	●				●
A59		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A60		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A61		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A62		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A63		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A64		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A65		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A66		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A67		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A68		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A69		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A70		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A71		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A72		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A73		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A74		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A75		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A76		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A77		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A78		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A79		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A80		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A81		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A82		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A83		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A84		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A85		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A86		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A87		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A88		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A89		3'-0"	7'-0"	B-WOOD					○						●									◇
A90		3'-0"	7'-0"	B-WOOD					○						●									◇
A91		3'-0"	7'-0"	M-WOOD	1	C	A				●				●				●	●				●
A92		3'-0"	7'-0"	F-ALUM.	*	*	*	ALU.	●					●	●	●					●		NOT REQUIRED	● ALU. FRAME PER STEEL, PUSH PULL WHEN UNLOCKED
A93		3'-0"	7'-0"	F-ALUM.	*	*	*	ALU.	●					●	●	●					●		NOT REQUIRED	● ALU. FRAME PER STEEL, PUSH PULL WHEN UNLOCKED
A94		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●			REQUIRED	●
A95		3'-0"	7'-0"	B-WOOD					○						○								NOT REQUIRED	○
A96		3'-0"	7'-0"	F-STEEL					○						○	○							NOT REQUIRED	○
A97		PAIR 3'-0"	7'-0"	M-WOOD	2"	A	A						●	●	●	●			●	●			REQUIRED	●
A98		3'-0"	6'-8"	N-WOOD	1	C	A		●						●				●	●				● 8" OPENING - NO LOCK
A99		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A100		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A101		3'-0"	7'-0"	N-WOOD	1	C	A		●						●				●	●				● NO LOCK
A102		6'-0"	6'-8"	N-WOOD	1	C	A		●						●				●	●				● 7'-1" OPENING - NO LOCK

○ INDICATES EXISTING

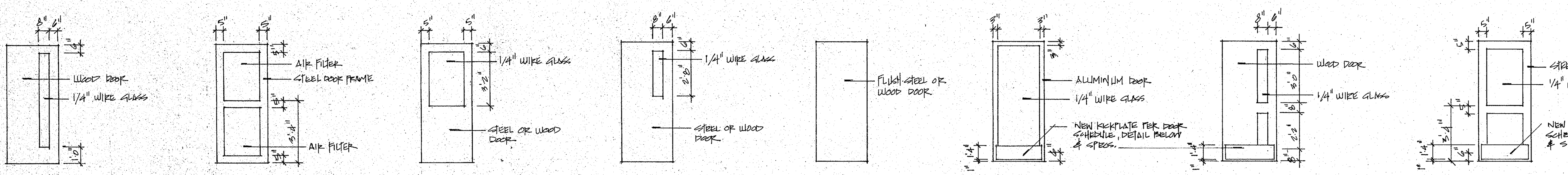
◇ INDICATES REQUIRED WORK HARDWARE AND/OR SIGNAGE

◆ INDICATES REQUIRED WORK NEW DOOR, HARDWARE AND/OR SIGNAGE

● INDICATES REQUIRED WORK NEW DOOR, FRAME, HARDWARE AND/OR SIGNAGE

DOOR SCHEDULE

DOOR NUMBER	DETAIL - DWG. NO. A12	SIZE WIDTH	SIZE HEIGHT	TYPE - MATERIAL	FRAME TYPE - DWG. NO. A12	FRAME HEAD - DWG. NO. A12	FRAME JAMB - DWG. NO. A12	FRAME SADDLE - DWG. NO. A12	FIRE RATING NO RATING	FIRE RATING 20 MINUTE	FIRE RATING 45 MINUTE	FIRE RATING 1 HOUR	FIRE RATING 2 HOUR	HARDWARE FIRECODE PANIC RELEASE LATCH	HARDWARE FIRECODE LATCHING / LOCKABLE	HARDWARE FIRECODE AUTOMATIC CLOSER	HARDWARE FIRECODE ELECTRO-MECH. CLO.	HARDWARE FIRECODE DELAYED ACTION CLO.	HARDWARE DISABLED REQ LEVER HANDLES	HARDWARE DISABLED REQ KICK PLATES	HARDWARE DISABLED REQ TACTILE WARNING	HARDWARE DISABLED REQ ACCESSIBLE THRES.	SIGNAGE MOUNTING HEIGHT 60" AFF	REMARKS
B1		3'-0"	7'-0"	O-STEEL	1	A	A		●						●	●					●		REQUIRED	◆
B2		4'-0"	8'-0"	*	EXISTING FRAME				●														NOT REQUIRED	○ OVERHEAD
B3		7'-0"	2'-0"	*					●														NOT REQUIRED	○ OVERHEAD
B4		3'-0"	7'-0"	O-STEEL							●				●	●					●		REQUIRED	◆ MOD. #2
B5		3'-0"	7'-0"	O-STEEL					○						○	○							NOT REQUIRED	○
B6		3'-0"	7'-0"	M-STEEL	1	A	A	ALU.							●	●					●		REQUIRED	◆
B7		6'-2"	8'-0"	J-WOOD	BYPASSING FRAME				○														NOT REQUIRED	○ OVERHEAD
B8		3'-0"	8'-0"	J-WOOD					○														REQUIRED	○ OVERHEAD
B9		PAIR 3'-0"	7'-0"	O-STEEL					○						○	○					○			○ EXISTING PUSH - PULL
B10		3'-0"	7'-0"	A-STEEL					○						○	○								◆ MOD. #2
B11		3'-0"	7'-0"	M-STEEL							●				●	●					●			◆ MOD. #2
B12		2'-8"	7'-0"	D-STEEL						●					●	○								◆ EXISTING PUSH - PULL. REMOVE DEAD BOLT - MOD. #2
B13		3'-0"	7'-0"	M-STEEL							●				●	●					●			◆ MOD. #2 NO LOCK
B14		3'-0"	7'-0"	M-STEEL							●				●	●					●			◆ MOD. #2
B15		3'-0"	7'-0"	M-STEEL							●				●	●					●			◆ MOD. #2
B16		3'-0"	7'-0"	O-STEEL							●				●	●					●			◆ MOD. #2
B17		3'-0"	7'-0"	M-STEEL							●				●	●					●			◆ MOD. #2
B18																								DELETED
B19		PAIR 3'-0"	7'-0"	M-WOOD						●					●	●				●	●			◆ 3'-0" & 2'-0" DOORS, ASTRAGAL, 3 DOOR HANGING HOWE
B20		3'-0"	7'-0"	B-WOOD					○						●					●	●			○
B21		3'-0"	7'-0"	E-WOOD					○						●					●	●			○
B22		3'-0"	7'-0"	C-ALUM.					○					○	●	○				●	●			○ PUSH-PULL EXISTING
B23		3'-0"	7'-0"	B-WOOD						○					●					●	●			○ 11-3.6.1 EXCEPTION 3 MOD. #5
B24		3'-0"	7'-0"	B-WOOD						○					●					●	●			○ 11-3.6.1 EXCEPTION 3 MOD. #5
B25		3'-0"	7'-0"	B-WOOD						○					●					●	●			○ 11-3.6.1 EXCEPTION 3 MOD. #5
B27		3'-0"	7'-0"	B-WOOD						○					●					●	●			○ DELETED
B28		3'-0"	7'-0"	D-WOOD						○					●					●	●			○ 11-3.6.1 EXCEPTION 3 MOD. #5
B28b		3'-0"	7'-0"	B-WOOD					○						●					●	●			◇
B27		3'-0"	7'-0"	B-WOOD					○						●									○
B28		3'-0"	7'-0"	B-WOOD					○						●									○
B29		3'-0"	7'-0"	D-WOOD					○						●									○
B30		3'-0"	7'-0"	D-WOOD					○						●					●	●			○
B31		2'-4"	7'-0"	D-WOOD					○						●									○
B32		3'-0"	7'-0"	E-WOOD					○						●									○
B33		3'-0"	7'-0"	E-WOOD					○						●									○
B34		3'-0"	7'-0"	D-WOOD					○						●					●	●			○
B35		3'-0"	7'-0"	D-WOOD					○						●					●	●			○
B36		3'-0"	7'-0"	D-WOOD					○						●									○
B37																								
B38		3'-0"	7'-0"	E-WOOD					○						●									○
B39		3'-0"	7'-0"	D-WOOD					○						●	○				●	●			○ 11-3.6.1 EXCEPTION 3
B40		3'-0"	7'-0"	O-WOOD	EXISTING FRAME				○						●	●				●	●			● MAGNETIC RELEASE, PRIVACY
B41		2'-8"	7'-0"	O-WOOD					○						●	●					●			◆ MOD. #2 & #3
B42		3'-0"	7'-0"	D-WOOD					○						●	○								○ 11-3.6.1 EXCEPTION 3
B43		3'-0"	7'-0"	D-WOOD					○						●	○				●	●			◆ 11-3.6.1 EXCEPTION 3
B44		PAIR 3'-0"	7'-0"	C-ALUM.					○					○	○	○					●		NOT REQUIRED	◆ GUARD BARS & SIDELIGHTS PER DET. DWG. A12 / PUSH-PULL EXISTING
B45		PAIR 3'-0"	7'-0"	C-ALUM.					○					○	○	○					●		NOT REQUIRED	◆ GUARD BAR & SIDELIGHTS PER DET. DWG. A12 / PUSH-PULL EXISTING
B46		PAIR 3'-0"	7'-0"	L-WOOD	1	A	A					●		●	●	●			●	●			REQUIRED	◆
B47		3'-0"	7'-0"	O-WOOD	EXISTING FRAME						●				●	●				●			REQUIRED	◆ MOD. #2 & #3
B48		PAIR 3'-0"	7'-0"	O-WOOD							●				●	●				●			REQUIRED	◆ MOD. #2 & #3
B49		PAIR 3'-0"	7'-0"	O-WOOD							●				●	●				●			REQUIRED	◆ MOD. #2 & #3
B50		2'-4"	7'-0"	D-WOOD					○						○								NOT REQUIRED	○
B51		2'-4"	7'-0"	D-WOOD					○						○								NOT REQUIRED	○
B52		3'-0"	7'-0"	M-STEEL							●				●	●				●	●		REQUIRED	◆ MOD. #2
B53		3'-0"	7'-0"	M-STEEL							●				●	●				●	●			◆ MOD. #2
B54		3'-0"	7'-0"	F-STEEL					○						●	●				●	●			◆
B55		2'-8"	7'-0"	O-STEEL						●					●	●					●			◆ MOD. #2
B56		3'-0"	7'-0"	E-WOOD					○						○									○
B57		3'-0"	7'-0"	E-WOOD					○						○									○
B58		3'-0"	7'-0"	E-WOOD					○						●					●	●			◆
B59		3'-0"	7'-0"	E-WOOD					○						●					●	●			◆ 11-3.6.1 EXCEPTION 3
B60		PAIR 3'-0"	7'-0"	C-ALUM.					○					○	○	○					●		NOT REQUIRED	◆ GUARD BARS & SIDELIGHTS PER DET. DWG. A12 / PUSH-PULL EXISTING
B61		PAIR 3'-0"	7'-0"	C-ALUM.					○					○	○	○					●		NOT REQUIRED	◆ GUARD BARS & SIDELIGHTS PER DET. DWG. A12 / PUSH-PULL EXISTING
B62		PAIR 3'-0"	7'-0"	E-WOOD						○					○	○							REQUIRED	◆ 11-3.6.1 EXCEPTION 3 MOD. #5
B63		PAIR 3'-0"	7'-0"	M-WOOD							●				●	●				●	●		REQUIRED	◆ GUARD BARS & SIDELIGHTS PER DET. DWG. A12
B64		2'-8"	7'-0"	D-WOOD											○								NOT REQUIRED	○
B65		PAIR 3'-0"	7'-0"	L-WOOD											●	●				●	●		REQUIRED	◆ MOD. #2
B66		3'-0"	7'-0"	M-WOOD							●				●	●				●	●			◆ MOD. #2
B67		3'-0"	7'-0"	M-WOOD							●				●	●				●	●			◆ MOD. #2
B68		PAIR 3'-0"	7'-0"	L-WOOD	2	A	A						●	●	●	●			●	●				● NO LOCK
B69		3'-0"	7'-0"	L-WOOD	1	A	A						●	●	●	●			●	●				● NO LOCK
B70		3'-0"	7'-0"	O-STEEL	1	A	A		○						●	●								
B71		PAIR 3'-0"	7'-0"	M-WOOD	2	A	A					●			●	●				●	●		REQUIRED	● NO LOCK MAG. HOLD OPEN
E1		PAIR 3'-0"	7'-0"	M-WOOD	EXISTING FRAME						●				●	●				●	●		REQUIRED	◆ 3'-0" & 2'-0" DOOR, ASTRAGAL, 2 DOOR HANGING HOWE
E2		4'-0"	7'-0"	E-WOOD					○						●						●		REQUIRED	○
E3		3'-0"	7'-0"	E-WOOD					○						●						●			○
E4		3'-0"	7'-0"	C-ALUM.					○					○	●	○				●	●		NOT REQUIRED	○ PUSH-PULL EXISTING
E5		3'-0"	7'-0"	B-WOOD						○					●					●	●		REQUIRED	○ 11-3.6.1 EXCEPTION 3 MOD. #5
E6		3'-0"	7'-0"	B-WOOD						○					●					●	●			○ 11-3.6.1 EXCEPTION 3 MOD. #5
E7		3'-0"	7'-0"	D-WOOD						○					●					●	●			○ 11-3.6.1 EXCEPTION 3 MOD. #5
E8		3'-0"	7'-0"	D-WOOD						○					○	○								○ 11-3.6.1 EXCEPTION 3
E9		2'-8"	7'-0"	O-WOOD							○				●	●				●	●			◆ MOD. #2 & #3
E10		3'-0"	7'-0"	O-WOOD	EXISTING FRAME						●				●	●				●	●			● MAGNETIC RELEASE, PRIVACY
E11		3'-0"	7'-0"	D-WOOD						○					●	○				●	●			◆ 11-3.6.1 EXCEPTION 3
E12		3'-0"	7'-0"	B-WOOD						○					●					●	●			◆ 11-3.6.1 EXCEPTION 3 MOD. #5
E13		3'-0"	7'-0"	D-WOOD						○					●	○				●	●			◆ 11-3.6.1 EXCEPTION 3
E14		3'-0"	7'-0"	B-WOOD					○						○									○
E14b		3'-0"	7'-0"	B-WOOD					○						○									○
E15		2'-8"	7'-0"	D-WOOD					○						○									○
E16		3'-0"	7'-0"	E-WOOD					○						○									○
E17		3'-0"	7'-0"	D-WOOD					○						○								NOT REQUIRED	◆
E18		3'-0"	7'-0"	E-WOOD					○						○									○
E19		3'-0"	7'-0"	E-WOOD					○						○									○
E20		3'-0"	7'-0"	D-WOOD					○						○									○
E21		3'-0"	7'-0"	E-WOOD					○						○									○
E22		2'-4"	7



DOOR TYPE 'H' — EXISTING : NOTE - ALL EXISTING TYPE 'H' DOORS REPLACED.

DOOR TYPE 'G' — EXISTING · NOTE : ALL EXISTING TYPE 'G' DOORS REPLACED.

DOOR TYPE 'F' — EXISTING.

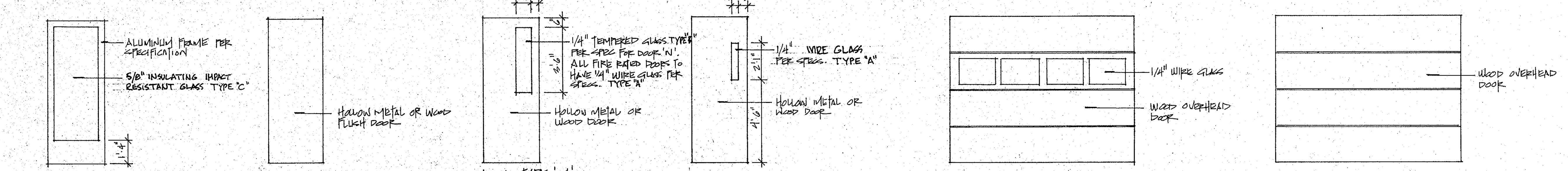
DOOR TYPE 'E' — EXISTING

DOOR TYPE 'D' — EXISTING

DOOR TYPE 'C' — EXISTING

DOOR TYPE 'B' — EXISTING

DOOR TYPE 'A' — EXISTING



DOOR TYPE 'P' — NEW

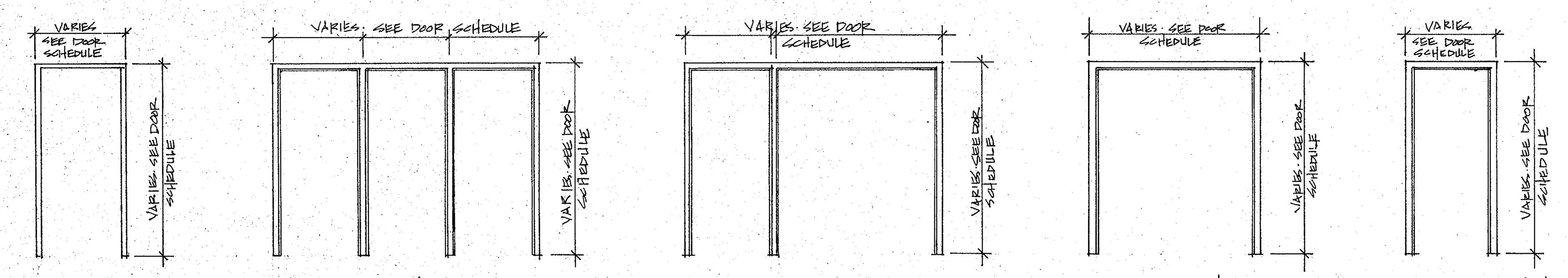
DOOR TYPE 'O' — NEW

DOOR TYPE 'M' — NEW - 20 OR 45 MINUTE RATED
DOOR TYPE 'N' — NEW - NO FIRE RATING

DOOR TYPE 'L' — NEW - 1 HOUR RATED

DOOR TYPE 'K' — EXISTING

DOOR TYPE 'J' — EXISTING



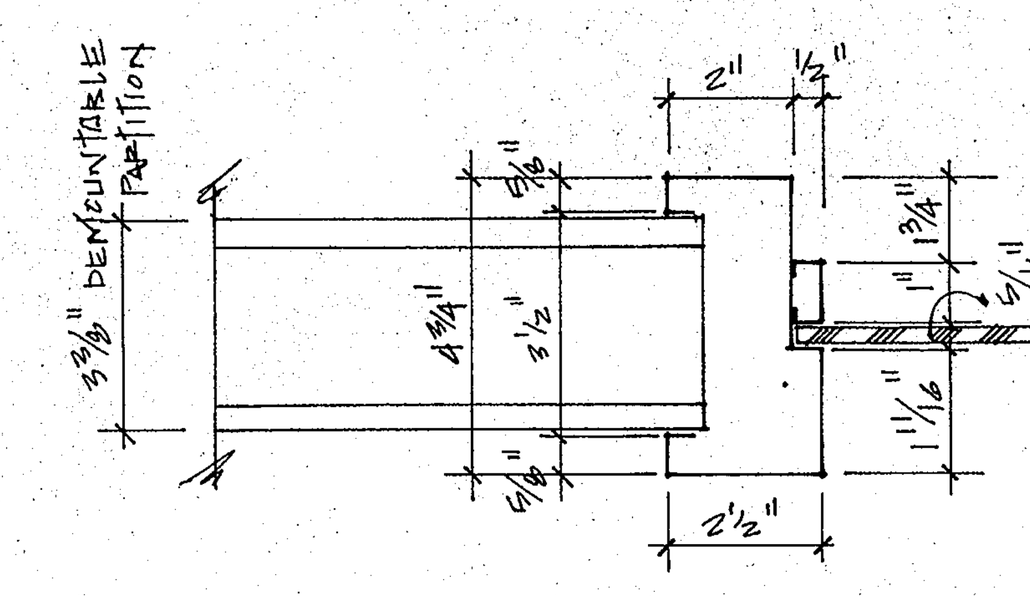
FRAME TYPE '5' — ALUM. FRAME PER SPECS. NEW

FRAME TYPE '4' — HOLLOW METAL STEEL · NEW

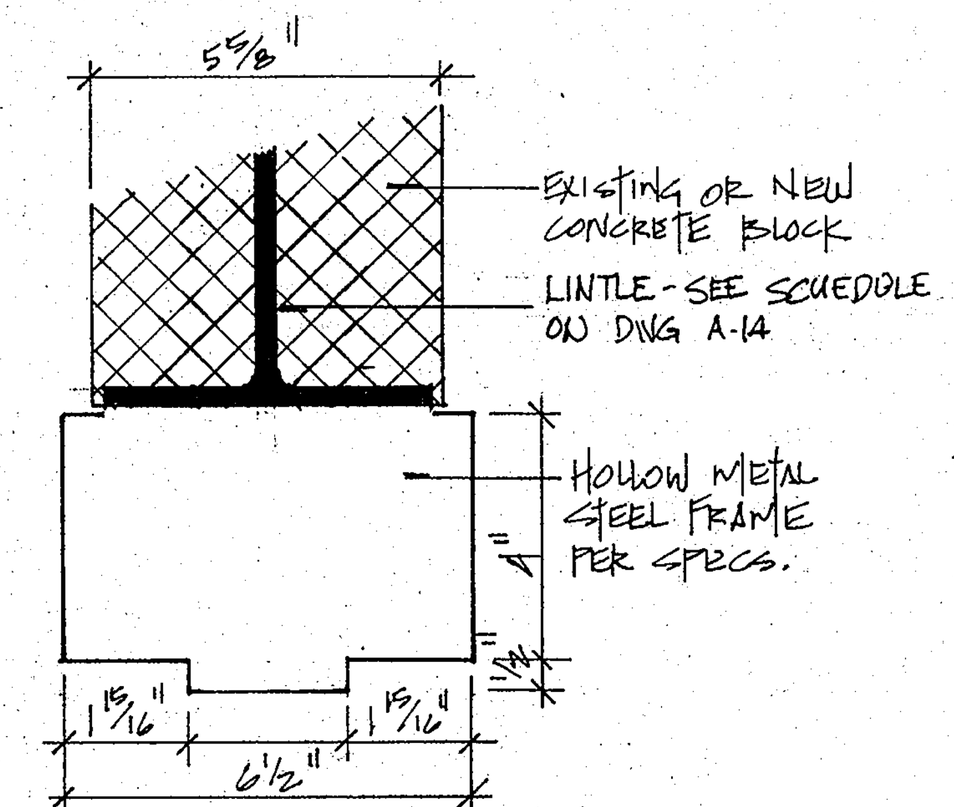
FRAME TYPE '3' — HOLLOW METAL STEEL · NEW

FRAME TYPE '2' — HOLLOW METAL STEEL · NEW
AT DOOR C-53 FRAME TO HAVE DOUBLE RABBET FOR SMOKE DOORS SWINGING IN OPPOSITE DIRECTIONS

FRAME TYPE '1' — HOLLOW METAL STEEL · NEW



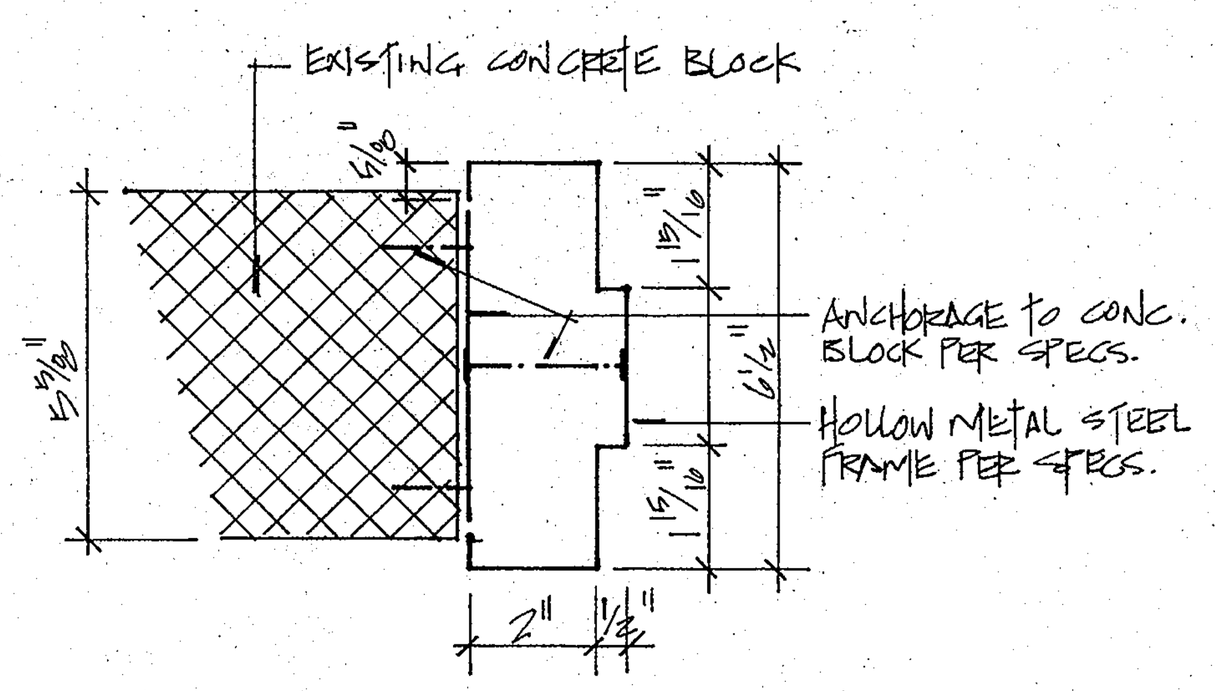
WINDOW JAMB & HEAD TYPE 'A'
TYPICAL WINDOW FRAME @ DEMOUNTABLE PARTITIONS



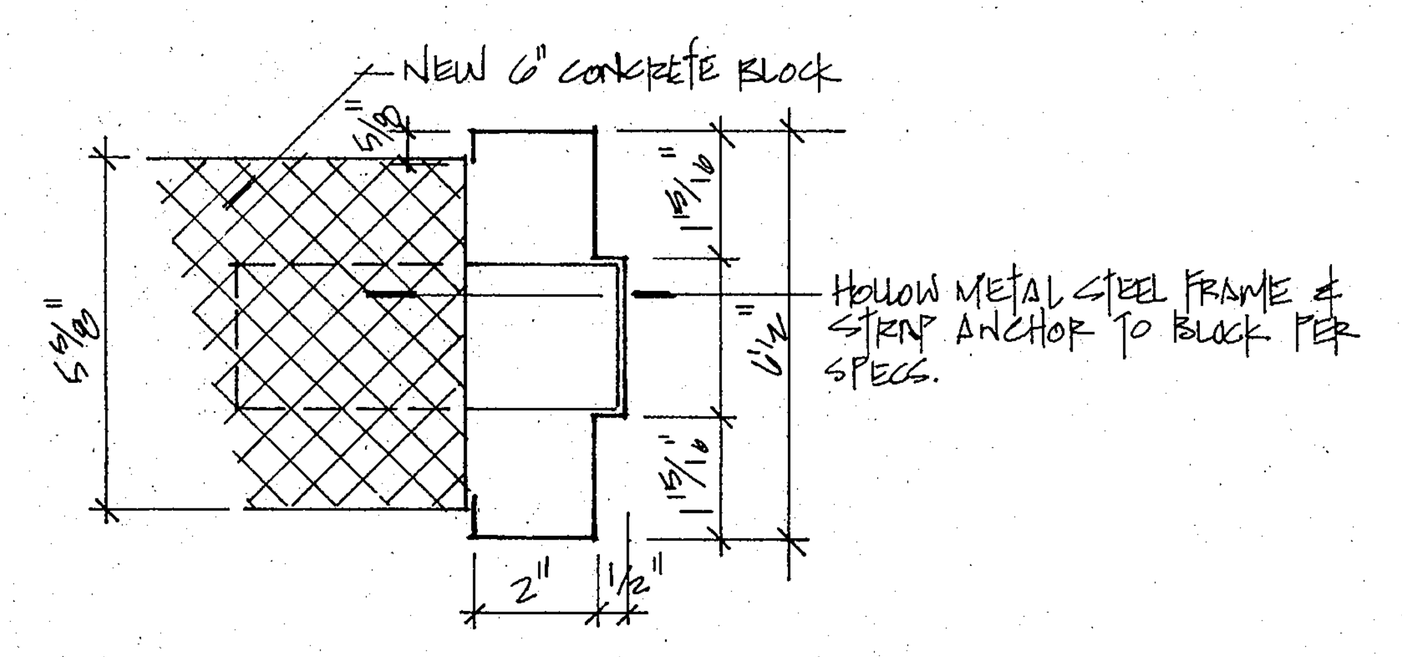
DOOR HEAD 'A' - NEW
NEW MASONRY.

DOOR HEAD 'B' - NEW
EXISTING MASONRY - PROVIDE NEW LINTLE

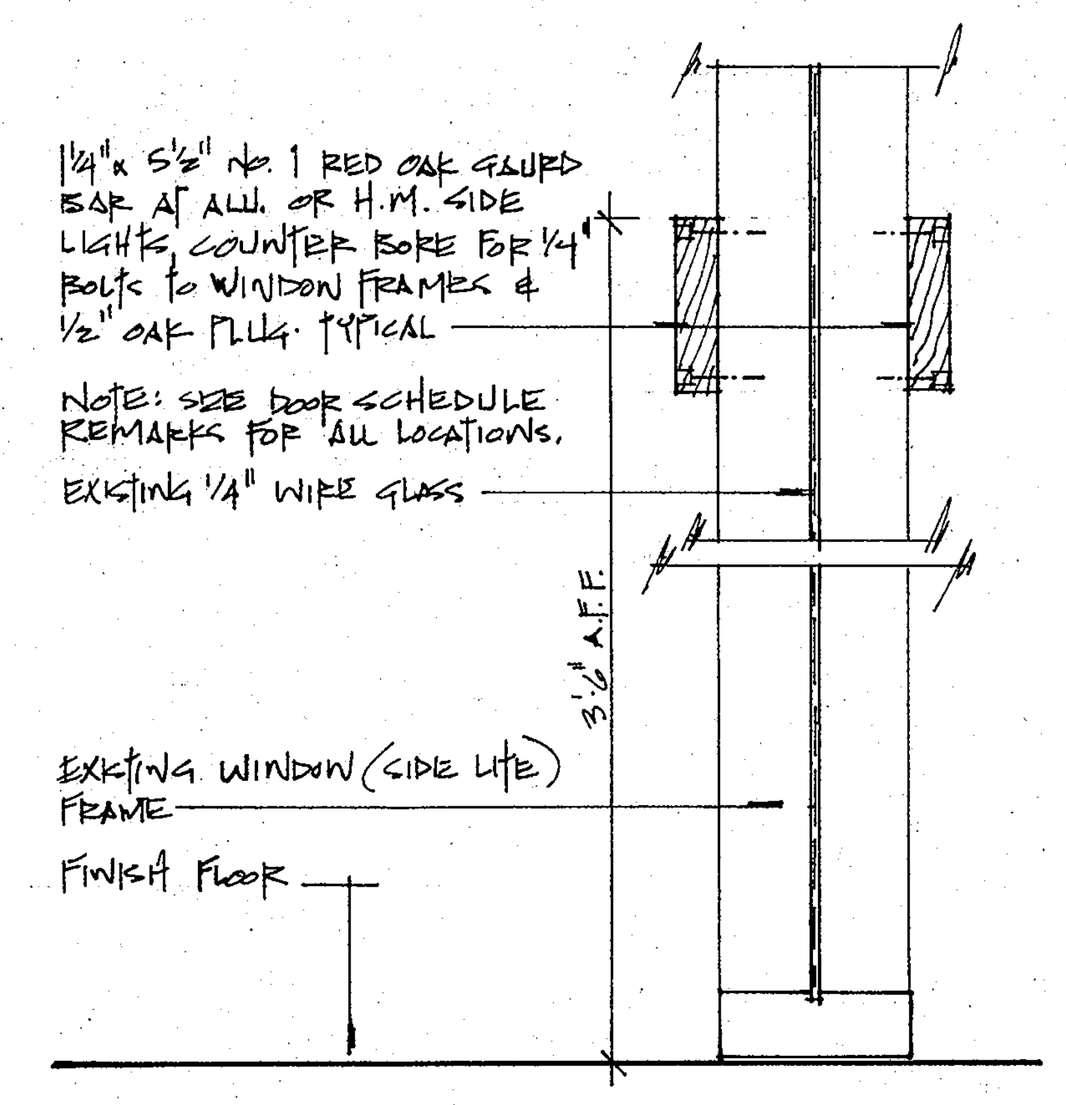
DOOR HEAD 'C' - NEW
DOOR HEAD 'C' - SIMILAR TO ABOVE - 2 1/2" x 6 1/2" SIZE. PROVIDE STANDARD MANUFACTURES ANCHORAGE WHERE SCHEDULE TO BE INSTALLED AT GYPBOARD OR DEMOUNTABLE PARTITIONS. SEE SPECIFICATIONS.



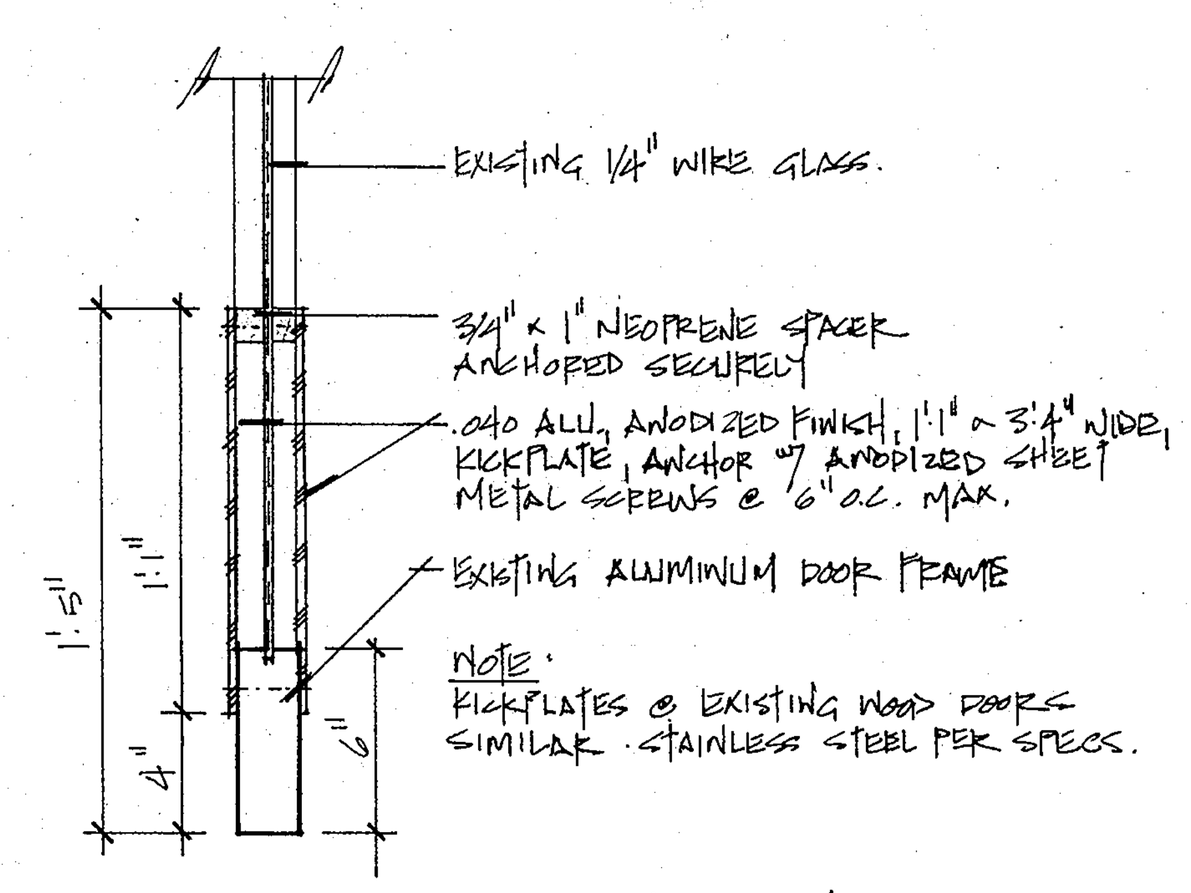
DOOR JAMB 'B' - NEW



DOOR JAMB 'A' - NEW
EXISTING HOLLOW METAL DOOR JAMBS SIMILAR.
WHERE DOOR JAMB 'A' IS SCHEDULED TO BE INSTALLED AT GYPBOARD OR DEMOUNTABLE PARTITIONS, PROVIDE STANDARD MANUFACTURERS ANCHORAGE SYSTEM - SEE SPECIFICATIONS.



OAK GUARD BAR DETAIL 1 1/2" = 1'-0"



KICKPLATE DETAIL 1 1/2" = 1'-0"
TYPICAL KICKPLATE DETAIL @ EXISTING ALU. & WOOD DOORS.

DOOR SCHEDULE

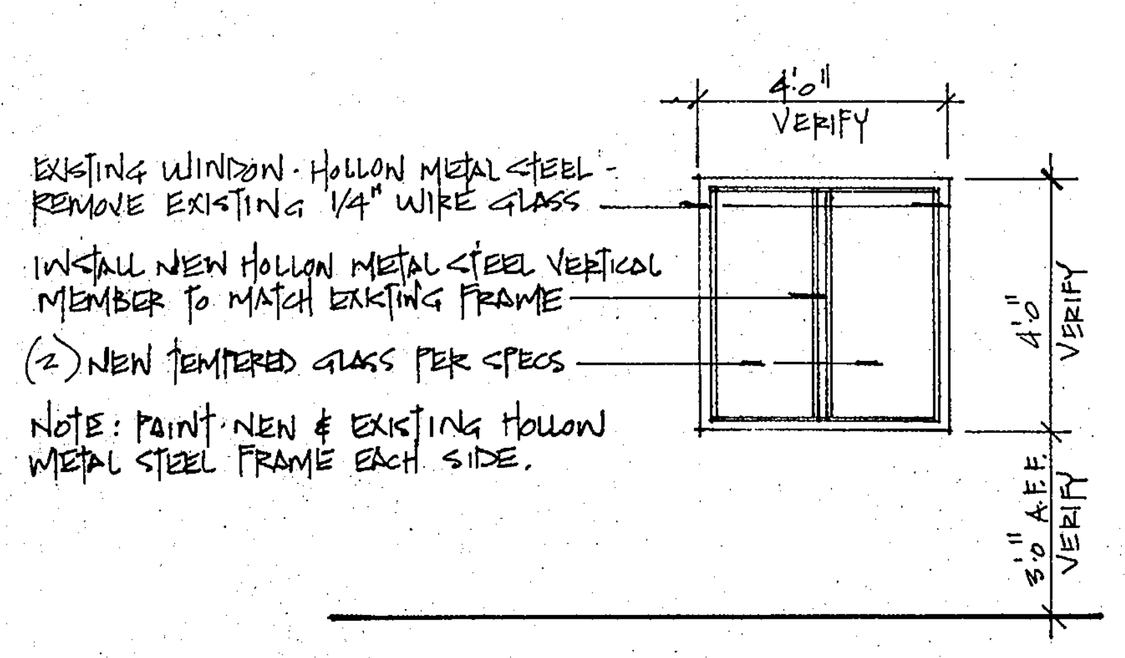
DOOR NUMBER	DETAIL - DWG. NO. A12	WIDTH	HEIGHT	TYPE - MATERIAL	FRAME TYPE - DWG. NO. A12	HEAD - DWG. NO. A12	JAMB - DWG. NO. A12	SADDLE - DWG. NO. A12	NO RATING	20 MINUTE	45 MINUTE	1 HOUR	2 HOUR	PANIC RELEASE LATCH	LATCHING / LOCKABLE	AUTOMATIC CLOSER	ELECTRO-MECH. CLO.	DELAYED ACTION CLO.		LEVER HANDLES	KICK PLATES	TACTILE WARNING	ACCESSIBLE THRES.	SIGNAGE (MOUNTING HEIGHT 60" AFF)		REMARKS
D26		PAIR 3'-0"	7'-0"	M·WOOD	EXISTING H.M. OR ALU. FRAME						○				●	○				●	●			REQUIRED	Φ	NO LOCK MOD #2 & #3 x
D27		3'-0"	7'-0"	O·WOOD							○				●	●						●			Φ	MOD. #2 & #3 x
D28		PAIR 3'-0"	6'-11½"	L·WOOD								●		●	●	●				●	●				⊕	MOD. #2
D29		3'-0"	7'-0"	M WOOD							○				●	●				●	●				Φ	NO LOCK MOD #2 x
D30		3'-0"	7'-0"	E·WOOD					○						●	●				●	●				Φ	NO LOCK
D31		PAIR 3'-0"	7'-0"	M WOOD							○				●	●						●			Φ	MOD. #2 x
D32		3'-0"	7'-0"	E·WOOD					○						●					●	●				Φ	
D33		3'-0"	7'-0"	E·WOOD					○						●					●	●				Φ	
D34		3'-0"	7'-0"	E·WOOD					○						●					●	●				Φ	
D35		PAIR 3'-0"	6'-11½"	L·WOOD								●		●	●	●				●	●				⊕	MOD. #2
D36		3'-0"	7'-0"	E·WOOD					○						●					●	●				Φ	
D37		3'-0"	7'-0"	E·WOOD					○						●					●	●				⊕	
D38		3'-0"	7'-0"	F.WOOD					○						●					●	●				Φ	
D39		PAIR 3'-0"	7'-0"	E·WOOD					○					●	●	●				●	●				Φ	NO LOCK
D40		3'-0"	7'-0"	D·WOOD					○						○									NOT REQUIRED	○	
D41		3'-0"	7'-0"	F·WOOD					○						○					●	●			NOT REQUIRED	○	
D42		3'-0"	6'-11½"	L·WOOD								●			●	●				●	●			REQUIRED	⊕	MOD. #2
D43		3'-0"	7'-0"	D·WOOD					○						○										○	
D43b		3'-0"	7'-0"	O·WOOD							○				●	●						●			Φ	MOD. #2 & #3 x
D44		3'-0"	6'-11½"	L·WOOD								●		●	●	●				●	●				⊕	MOD. #2
D44b		PAIR 3'-0"	7'-0"	L·WOOD	2	A	A	—				●		●	●	●				●	●				●	MAGNETIC HOLD OPENS NO LOCK
D45		PAIR*	6'-11½"	L·WOOD	EXISTING H.M. OR ALU. FRAME							●			●	●				●	●				⊕	*3'-0" & 2'-0" DOOR MOD. #2 1½ HOUR RATING
D46		3'-0"	6'-11½"	L·WOOD								●			●	●				●	●				⊕	MOD. #2 1½ HOUR RATING
D47		3'-0"	7'-0"	F. ALUM.					○					○	○	○					●			NOT REQUIRED	Φ	
D48		10'-0"	8'-6"	K·WOOD					○															NOT REQUIRED	○	EXISTING OVERHEAD
D49		10'-0"	8'-6"	K·WOOD					○															NOT REQUIRED	○	EXISTING OVERHEAD.
D50		PAIR	7'-0"	F·STEEL								●			●	●				●	●			REQUIRED	⊕	MOD. #2 / 3'-0" & 2'-0" DOOR · ASTRAGAL · 1½ HOUR RATING
D51		PAIR*	7'-0"	L·WOOD								●			●	●				●	●			REQUIRED	⊕	MOD. #2
D51b		PAIR 3'-0"	7'-0"	L·WOOD	2	A	A	—				●		●	●	●				●	●			REQUIRED	●	MAGNETIC HOLD OPENS NO LOCK
D52		PAIR*	7'-0"	P. ALUM.	EXISTING H.M. OR ALU. FRAME				○						●	●					●			NOT REQUIRED	⊕	*3'-0" & 2'-0" DOOR
D53		3'-0"	7'-0"	M·STEEL							●				●	●				●	●			REQUIRED	⊕	MOD. #2
D54		PAIR 2'-6"	7'-0"	D. STEEL							●				●	●						●			Φ	MOD. #2
D54b																										DELETED
D55		PAIR	7'-0"	F. STEEL							●				●	●				●	●				○	3'-0" & 2'-0" DOORS W/ ASTRAGAL · MOD. #2
D56		3'-0"	7'-0"	M WOOD							○				●	○				●	●				Φ	MOD. #2 & #3 x
D57		3'-0"	7'-0"	F.WOOD					○						●	○				●	●				Φ	
D58		PAIR*	6'-11½"	L·WOOD								●			●	●				●	●				⊕	*3'-0" & 2'-0" DOOR MOD. #2
D59		3'-0"	6'-11½"	O·WOOD								●			●	●				●	●				⊕	MOD. #2
D60		PAIR 2'-6"	7'-0"	D·STEEL								●			●	●						●			Φ	MOD. #2
D61		3'-0"	7'-0"	M·STEEL							●				●	●				●	●				⊕	MOD. #2
D61b		4'-0"	7'-0"	D·STEEL							●				○	●						●			Φ	MOD. #2
D62		PAIR*	7'-0"	P. ALUM							●				●	●				●	●				⊕	*3'-0" & 2'-0" DOOR
D63		PAIR	7'-0"	F. STEEL							●				●	●				●	●				Φ	3'-0" & 2'-0" DOORS W/ ASTRAGAL MOD. #2
D64		PAIR*	7'-0"	P. ALUM.					○						●	●				●	●				⊕	*3'-0" & 2'-0" DOOR
D65		3'-0"	7'-0"	M·WOOD							○				●	○				●	●				Φ	MOD. #2 & #3 x
D66		3'-0"	6'-11½"	L·WOOD								●			●	●				●	●				⊕	MOD. #2
D67		3'-0"	6'-11½"	L·WOOD								●			●	●				●	●				⊕	MOD. #2
D68		3'-0"	6'-11½"	O·WOOD								●			●	●				●	●				⊕	MOD. #2
D69		3'-0"	6'-11½"	O·WOOD								●			●	●						●				MOD. #2
D70		PAIR 3'-6"	7'-0"	D·STEEL								○			●	●				●	●	●			○	EXISTING 1½ HOUR · 'B' LABEL
D71		*	7'-0"	*						○															○	*CIRCULAR DARK ROOM DOOR
D72		3'-0"	7'-0"	M·WOOD	1	A	A	—		●				●	●	●				●	●				●	MAGNETIC HOLD OPENS IN CLOSURE NO LOCK
D73		3'-0"	7'-0"	M·WOOD	1	A	A	—		●				●	●	●				●	●				●	MAGNETIC HOLD OPENS IN CLOSURE NO LOCK
D74		3'-0"	7'-0"	M·WOOD	1	A	A	—		●				●	●	●				●	●				●	MAGNETIC HOLD OPENS IN CLOSURE NO LOCK
D75		PAIR 3'-0"	7'-0"	L·WOOD	2	A	A	—				●		●	●	●				●	●				●	MAGNETIC HOLD OPEN NO LOCK
D76		PAIR 3'-0"	7'-0"	L·WOOD	2	A	A	—				●		●	●	●					●				●	
D77		PAIR 3'-0"	7'-0"	M·WOOD	2	A	A	—		○				●	●	●					●				●	
D78		3'-0"	7'-0"	D·WOOD	EXISTING H.M. FRAME					○					●	○						●			Φ	11-3.6.1 EXCEPTION 3
D79		3'-0"	7'-0"	N·WOOD	1	A	A	—	○						●					●	●				●	

○ INDICATES EXISTING
Φ INDICATES REQUIRED WORK HARDWARE AND/OR SIGNAGE
⊕ INDICATES REQUIRED WORK NEW DOOR, HARDWARE AND/OR SIGNAGE
● INDICATES REQUIRED WORK NEW DOOR, FRAME, HARDWARE AND/OR SIGNAGE

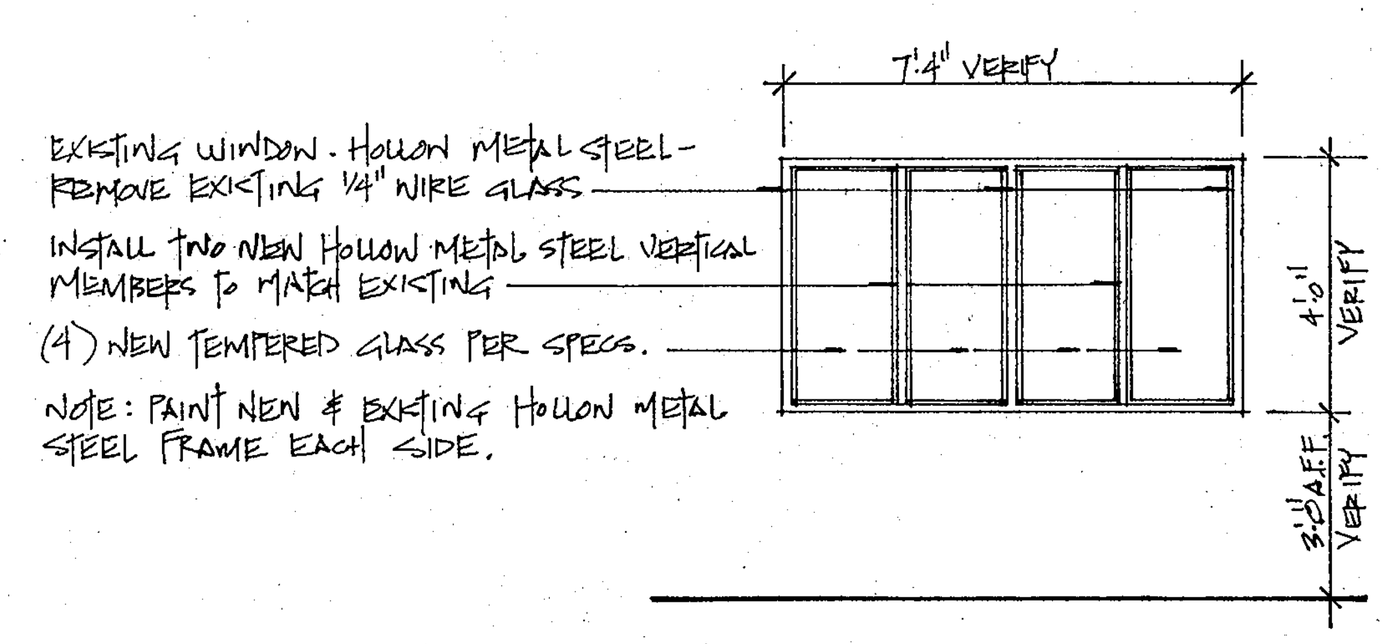
Door and Hardware Notes

1. All rated doors and doors fronting on corridors shall have positive latching locksets or latchsets. All rated doors and doors fronting on corridors, except classroom doors for which a code modification has been granted, shall have closers.
2. All doors leading to spaces hazardous to the handicapped shall have tactile hardware.
3. All doors exiting 100 or more persons shall have panic exit devices.
4. All doors fronting on corridors (unless a higher rating has been noted) shall have 20 minute fire rating including frame and hardware, except those doors and frames for which a modification has been granted.
5. All doors usable by the disabled shall have hardware that complies with Uniform Federal Accessibility Standards.
6. All hazardous areas shall have 45 minute rated doors, frames, and hardware except those doors and frames for which a modification has been granted.
7. The contractor shall insure that notes 1 through 6 are implemented in this building.

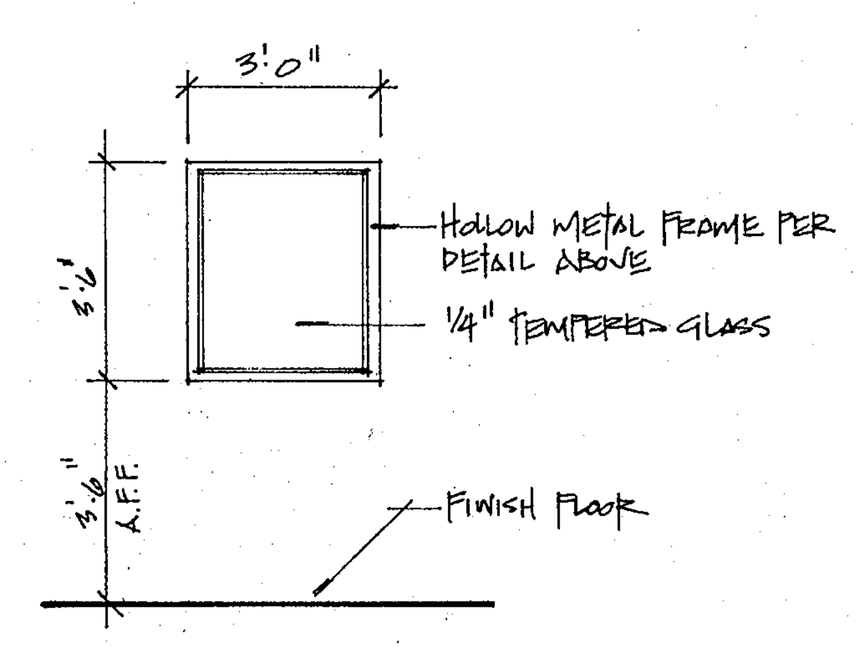
Signage for the handicapped shall be placed on the wall, to the right or left of the door at a height between 4'-6" and 5'- 6" but preferably at a height of 5'-0" above the floor. Provide signage for all doors and signage to mark the accesible route.



WINDOW TYPE 3
SEE FLOOR PLAN · SECTION 'D' - DRAWING A6
EXISTING WINDOW TO BE MODIFIED.



WINDOW TYPE 2
SEE FLOOR PLAN · SECTION 'D' - DRAWING A6
EXISTING WINDOW TO BE MODIFIED



WINDOW TYPE 1
SEE FLOOR PLAN · SECTION 'A' - DRAWING A5
NEW WINDOW

X - REVISED 7/13/93
X - REVISED 4/28/93
REVISED 3/25/93

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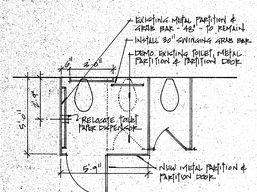
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

DOOR SCHEDULE
DOOR DETAILS

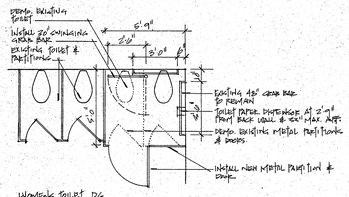
DRAWING NUMBER
A12
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A

MARCH 1, 1993



MENS TOILET D7

MENS TOILET IS EQUIPTED WITH EXISTING:
1. SEAT DISPENSER @ 48" A.F.F.
2. PAPER TOWEL DISPENSER @ 42" A.F.F.
3. MIRROR - TO BE LOWERED 4" TO 50".
4. ONE HANDICAPPED URINAL.

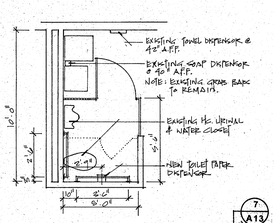


WOMENS TOILET D6

WOMENS TOILET IS EQUIPTED WITH EXISTING:
1 SANITARY NAPKIN DISPENSER @ 42" A.F.F.
2 SOAP DISPENSER @ 48" A.F.F.
3 PAPER TOWEL DISPENSER AT 48"
4. MIRROR IS TO BE LOWERED 4" TO 50" A.F.F.

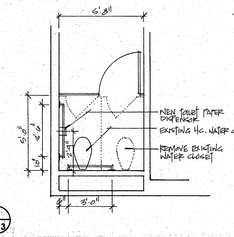
10/A13

9/A13 **HANDICAPPED TOILET D6 & D7 1/4" = 1'-0"**



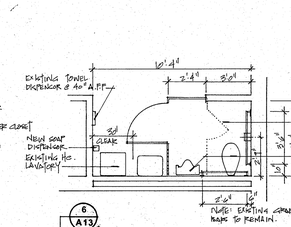
8/A13 **HANDICAPPED TOILET C47 1/4" = 1'-0"**

REMOVE EXISTING METAL PARTITIONS.

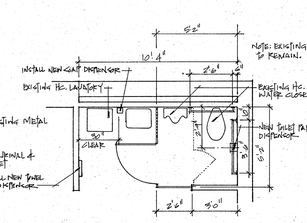


7/A13 **HANDICAPPED TOILET C30, C35 & C41 1/4" = 1'-0"**

REMOVE EXISTING METAL PARTITIONS.
AT TOILET ROOM C30, RELOCATE SANITARY NAPKIN DISPENSER TO 42" AFF.
EXISTING TOWEL DISPENSER @ 42" AFF TO REMAIN, INSTALL NEW SOAP DISPENSER AT H.C. LAV.
AT LAV AT TOILET ROOM C35, INSTALL NEW TOWEL DISPENSER & SOAP DISPENSER AT LAV. AT TOILET ROOM C41, EXISTING TOWEL DISPENSER @ 44" TO REMAIN & INSTALL NEW SOAP DISPENSER.

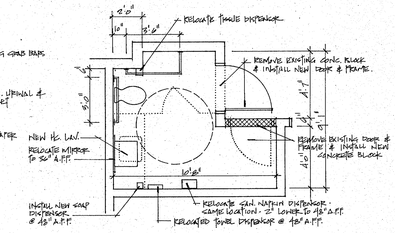


6/A13 **HANDICAPPED TOILET C20 1/4" = 1'-0"**



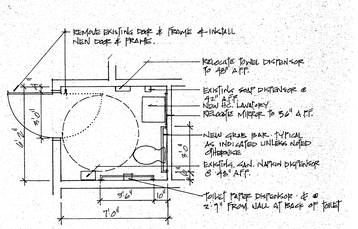
5/A13 **HANDICAPPED TOILET C7 1/4" = 1'-0"**

REMOVE EXISTING METAL PARTITIONS.

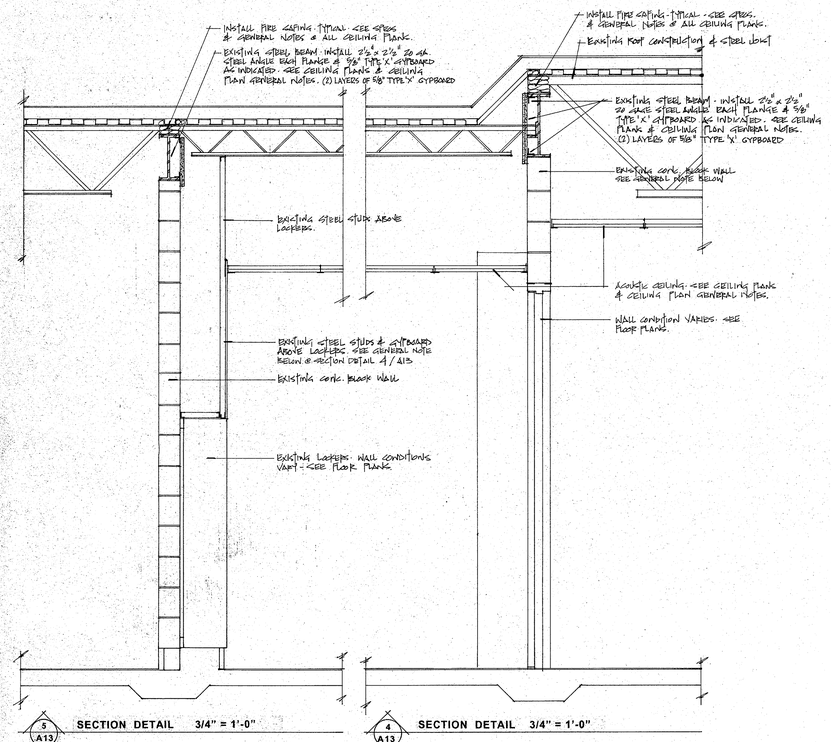


4/A13 **HANDICAPPED TOILETS E35 & B14 1/4" = 1'-0"**

REMOVE EXISTING COUNTER, LAVATORY & METAL PARTITION.



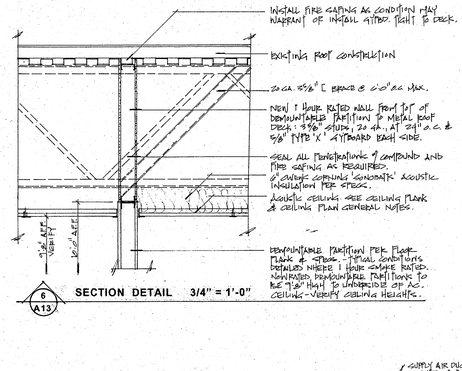
3/A13 **HANDICAPPED TOILET E7 1/4" = 1'-0"**



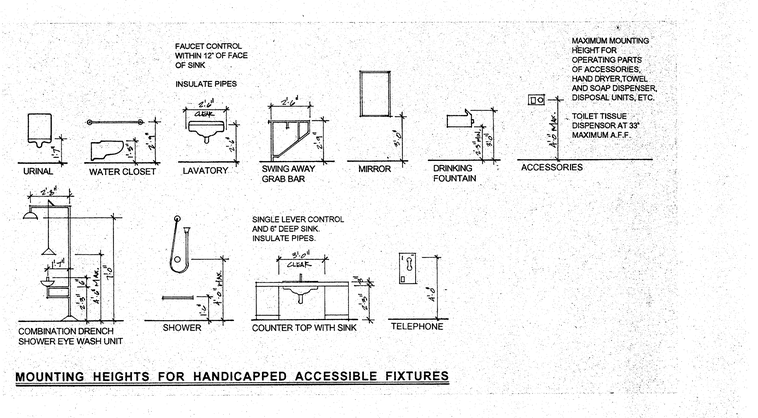
5/A13 **SECTION DETAIL 3/4" = 1'-0"**

4/A13 **SECTION DETAIL 3/4" = 1'-0"**

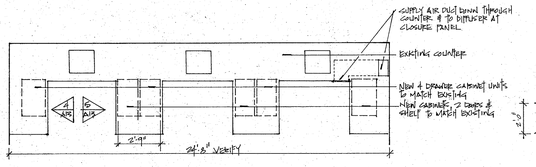
G.C. NOTE:
At all corridors and exit passages, examine gypboard and concrete block wall construction above the ceiling and up to the metal roof deck. Seal all penetrations with 5/8" Type 'X' Gypsum Wallboard and compound at existing gypboard wall construction and 6" or 8" concrete block and mortar at concrete block wall construction. Install fire safing as required at wall penetrations and at all locations between steel beams and metal roof deck and steel joists and metal roof deck.



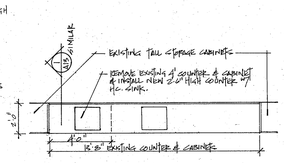
6/A13 **SECTION DETAIL 3/4" = 1'-0"**



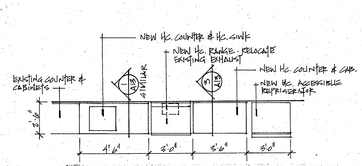
MOUNTING HEIGHTS FOR HANDICAPPED ACCESSIBLE FIXTURES



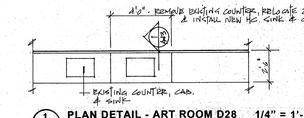
12/A13 **PLAN DETAIL - PREP/STORAGE A59 1/4" = 1'-0"**



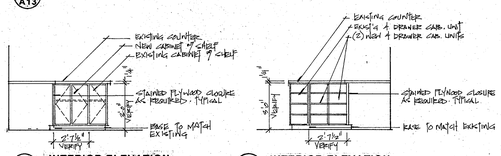
11/A13 **PLAN DETAIL - TYPING B34 & CLASSROOM E34 1/4" = 1'-0"**



2/A13 **PLAN DETAIL - FOOD LAB D35 1/4" = 1'-0"**



1/A13 **PLAN DETAIL - ART ROOM D28 1/4" = 1'-0"**

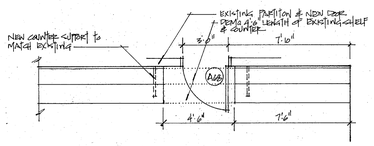


5/A13 **INTERIOR ELEVATION - PREP/STORAGE A59 1/4" = 1'-0"**

VERIFY ALL CONDITIONS & DIMENSIONS. CABINET CONSTRUCTION TO MATCH EXISTING: STAINED PLYWOOD EXTERIORS, & CABINET DOORS, HINGES, SHELF & HARDWARE & PULLS TO MATCH EXISTING.

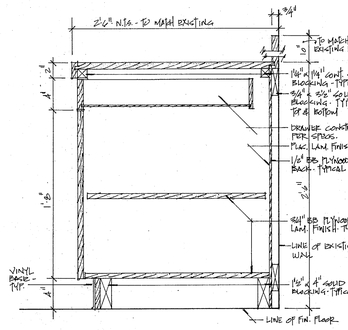
4/A13 **INTERIOR ELEVATION PREP/STORAGE A59 1/4" = 1'-0"**

VERIFY ALL CONDITIONS & DIMENSIONS. CABINET CONSTRUCTION IS TO MATCH EXISTING: OAK PLYWOOD EXTERIORS, PLYWOOD DRAWER FRONTS, BIRCH SIDES, HARDBOARD BOTTOM. ALUMINUM PULLS & GUIDES TO MATCH EXISTING.



14/A13 **PLAN DETAIL - CLASSROOM A27 1/4" = 1'-0"**

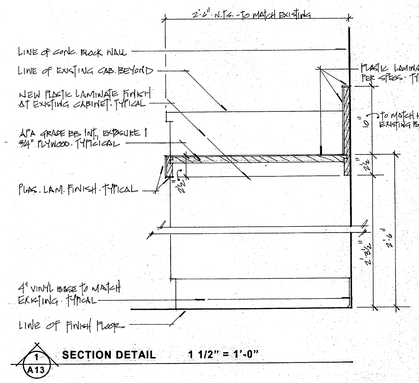
INSTALL SHELF BRACKETS TO MATCH EXISTING.
ALL NEW EXPOSED SURFACES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH EXISTING.
VERIFY EXISTING CONDITIONS & DIMENSIONS IN THE FIELD.



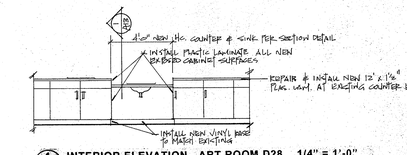
3/A13 **SECTION DETAIL 1 1/2" = 1'-0"**

2/A13 **SECTION DETAIL 1 1/2" = 1'-0"**

Note: ALL EXTERIOR FINISHES OF CABINETRY, COUNTER & BACK-SPLASH ARE TO RECEIVE PLASTIC LAMINATE FINISH.
ALL INTERIOR SURFACES OF CABINETRY ARE TO RECEIVE PLASTIC LAMINATE FINISH.
DRAWER FRONT IS TO BE PLASTIC LAMINATE FINISH - INT. FINISH PER SPECS.

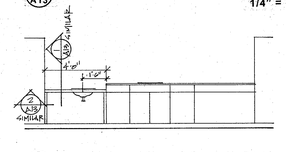


1/A13 **SECTION DETAIL 1 1/2" = 1'-0"**



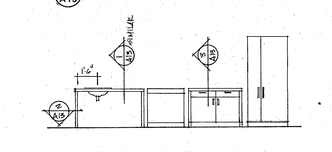
1/A13 **INTERIOR ELEVATION - ART ROOM D28 1/4" = 1'-0"**

(ROOMS D29 & D34 SIMILAR)



3/A13 **INTERIOR ELEVATION - TYPING D34 & CLASSROOM E34 1/4" = 1'-0"**

SEE NOTES ABOVE AT PLAN DETAIL 11 / A13



2/A13 **INTERIOR ELEVATION - FOOD LAB D35**

SEE NOTES ABOVE AT PLAN DETAIL 2 / A13

1/4" = 1'-0"

REVISED 3/25/93

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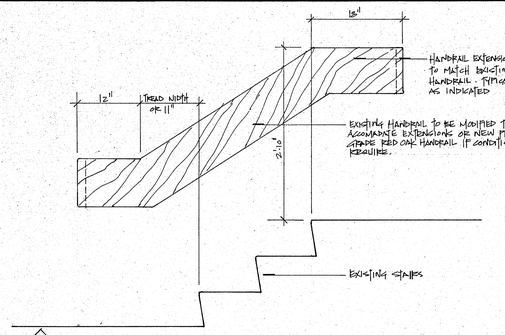
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

DETAILS
1/4" PLAN DETAILS
INTERIOR ELEVATIONS
SECTION DETAILS

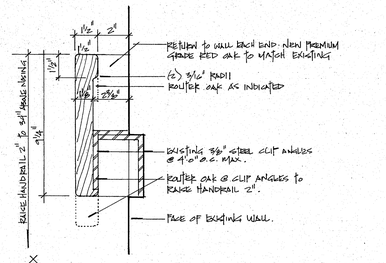
DRAWING NUMBER
A13
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A

MARCH 1, 1993



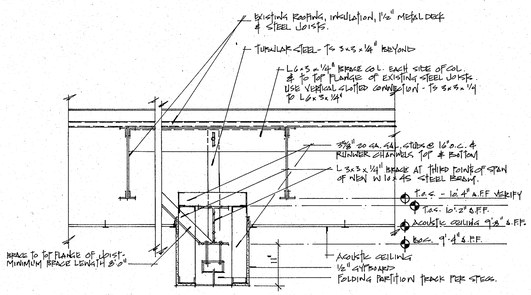
12 / A14 **INTERIOR ELEVATION - AUDITORIUM HANDRAIL** 1" = 1'-0"

GENERAL NOTES:
1. ALL NEW HANDRAIL MATERIAL IS TO BE PREMIUM GRADE RED OAK W/ FINISH TO MATCH EXISTING.
2. COORDINATE ALL DETAILING & HANDRAIL EXTENSION LENGTHS W/ ARCHITECT IN FIELD.

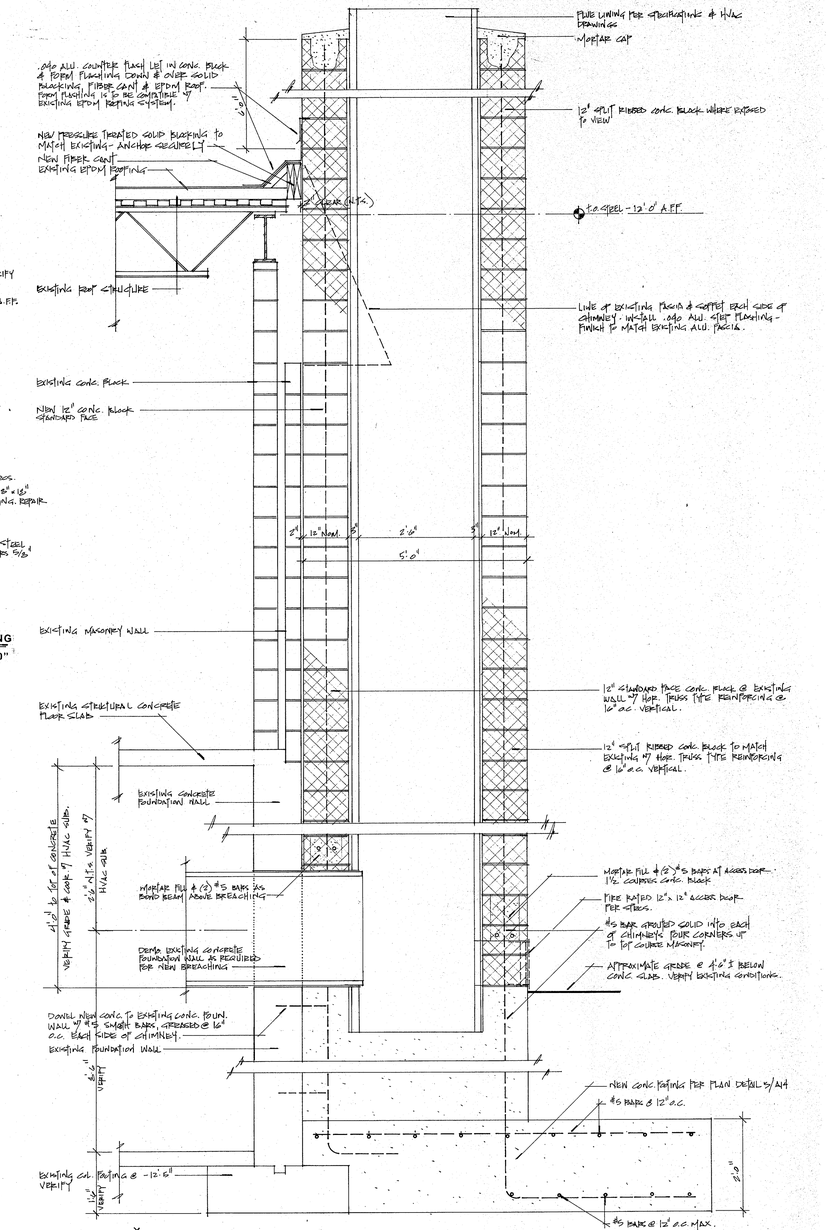


11 / A14 **SECTION DETAIL - AUDITORIUM HANDRAILS** 3" = 1'-0"

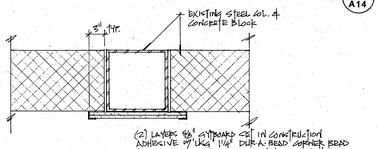
SEE DETAIL 12/A14



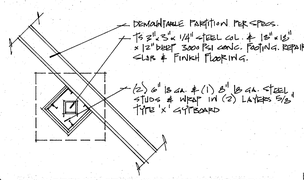
7 / A14 **SECTION DETAIL - FOLDING PARTITION TRACK AND STRUCTURE** 3/4" = 1'-0"



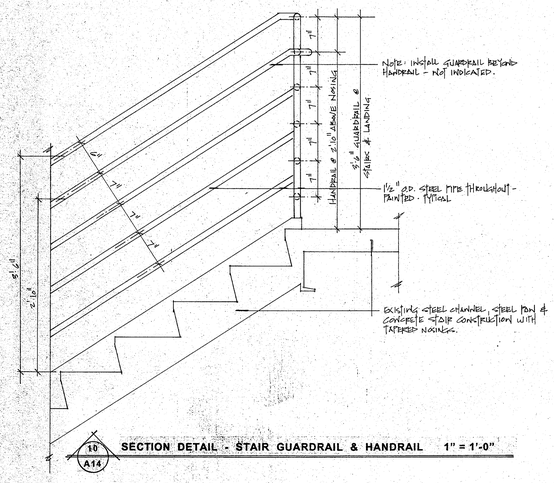
1 / A14 **SECTION DETAIL - FLUE AND CHIMNEY** 3/4" = 1'-0"



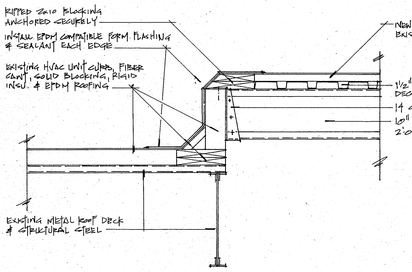
9 / A14 **PLAN DETAIL - EXISTING STEEL COLUMN AND NEW GYPBOARD FIREPROOFING** 1" = 1'-0"



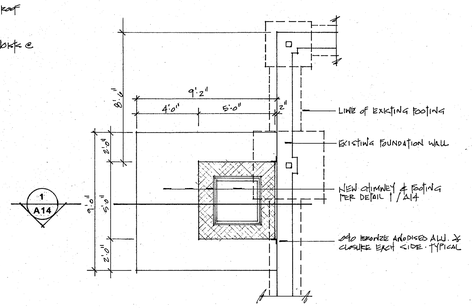
6 / A14 **PLAN DETAIL - STEEL COLUMN AND FOOTING** 3/4" = 1'-0"



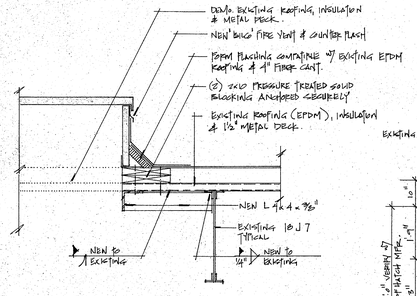
10 / A14 **SECTION DETAIL - STAIR GUARDRAIL & HANDRAIL** 1" = 1'-0"



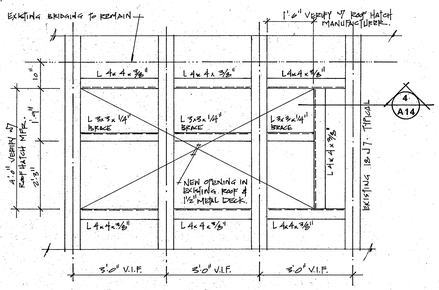
8 / A14 **ROOFING AND FRAMING DETAIL** 1" = 1'-0"



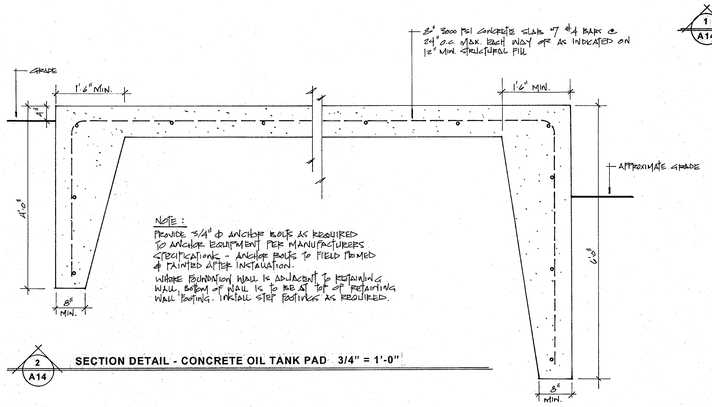
5 / A14 **PLAN DETAIL - CHIMNEY AND FLUE** 1/4 " = 1'-0"



4 / A14 **SECTION DETAIL - ROOF HATCH** 1" = 1'-0"



3 / A14 **PLAN DETAIL - ROOF FRAME FOR SMOKE HATCHES** 1/2" = 1'-0"



2 / A14 **SECTION DETAIL - CONCRETE OIL TANK PAD** 3/4" = 1'-0"

LOOSE LINTEL SCHEDULE

(FOR OPENINGS IN NON-LOAD BEARING WALLS)

Unless otherwise noted, provide one steel angle for each 4" thickness of masonry wall.

Provide WT 7 x 11 lintel for 6" masonry walls with openings up to 8'-0".

Provide minimum bearing depth at each end of lintels of 8".

NOTE: Lintels in exterior wall shall be galvanized.

NOTE: At all openings greater than 8'-0" provide #4 bar in bond beam above and in concrete block cells on each side of the opening and extending a minimum of 2'-0".

REVISED 3/25/93

	VAN ZELM, HEYWOOD, AND SHADFORD 29 SOUTH MAIN STREET WEST HARTFORD, CT 06107		NATALE & STOUTENBERG, ARCHITECTS P.O. BOX 251 529 MAIN STREET NEW HARTFORD, CONNECTICUT 06057	CODE UPDATE AND MECHANICAL RENOVATIONS SHEPAUG VALLEY MIDDLE/HIGH SCHOOL SOUTH STREET WASHINGTON DEPOT, CT 06794	DETAILS	DRAWING NUMBER **A14** PROJECT NUMBER: 9221 STATE PROJECT: 212-89-021 A MARCH 1, 1993

FINISH SCHEDULE

ROOM NAME	NO.	FLOOR MAT.	FLOOR FIN.	FLOOR BASE	WALLS NORTH MAT.	WALLS NORTH FIN.	WALLS EAST MAT.	WALLS EAST FIN.	WALLS SOUTH MAT.	WALLS SOUTH FIN.	WALLS WEST MAT.	WALLS WEST FIN.	CEILING MAT.	CEILING FIN.	CEILING HT.	REMARKS
CORRIDOR	A1	—	VINYL*	S.A.T.	CONC BLK.	PT.	—	—	—	—	—	—	AC**	—	8'-8"	*PATCH AS REQUIRED **SEE DWG. A7
STORAGE	A2	—	—	—	—	—	—	—	—	—	—	—	AC*	—	9'-8"	*SEE DWG A7
CLASSROOM	A3	—	—	—	—	—	D.P.	—	—	—	—	D.P.	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CORRIDOR	A4	—	VINYL*	S.A.T.	—	—	CONC BLK.	PT.	—	—	—	—	AC**	—	8'-8"	*PATCH AS REQUIRED **SEE DWG. A7
PASSAGE	A5	—	—	—	—	—	—	—	—	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7
CLASSROOM	A6	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A7	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A8	—	CARPET	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	DELETED
CLASSROOM	A10	—	—	VINYL	D.P.	—	D.P.	—	D.P.	—	CONC BLK. EPOXY PT.	PT.	AC*	—	9'-8"	*PAINT ALL NEW & EXISTING CONC. BLOCK **SEE DWG. A7 PATCH & REPAIR CARPET
MAGAZINE	A11	—	VINYL*	S.A.T.	CONC BLK.	PT.	CONC BLK.	PT.	CONC BLK.	PT.	CONC BLK. EPOXY PT.	PT.	AC**	—	8'-8"	* PAINT NEW & EXISTING CONC. BLK. AC**SEE DWG. A7 VINYL*-PATCH
PASSAGE	A12	—	—	VINYL	D.P.	—	—	—	D.P.	—	CONC BLK.	PT.	AC*	—	9'-8"	*SEE DWG. A7 VINYL BASE @ CONC BLOCK.
CLASSROOM	A13	—	—	VINYL	D.P.	—	D.P.	—	D.P.*	—	D.P.*	—	AC*†	—	9'-8"	* PAINT NEW & EXISTING CONC. BLK. †SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	DELETED
CLASSROOM	A15	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CORRIDOR	A16	—	VINYL	VINYL	CONC BLK.	PT.	—	—	CONC BLK.	PT.	—	—	AC*	—	8'-8"	*SEE DWG A7
CLASSROOM	A17	—	—	—	D.P.	—	D.P.	—	D.P.	—	—	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A18	—	—	—	—	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A19	—	—	—	—	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
STAFF OFFICES	A20	—	—	—	—	—	GYP.	PT.	GYP.	PT.	—	—	AC†	—	9'-8"	*SEE DWG. A7 **PAINT NEW GYP.
PLANETARIUM	A21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CLOSET	A22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	A23	—	VINYL**	S.A.T.	—	—	—	—	CONC BLK.	EPOXY PT.	CONC BLK.	EPOXY PT.	AC*	—	9'-8"	*SEE DWG. A7 **PATCH & REPAIR.
WORKROOM	A24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOILET	A25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
AV WORK CENTER	A26	—	—	VINYL	GYP.	PT.	—	—	—	—	GYP.	PT.	AC*	—	9'-8"	*SEE DWG. A7
CLASSROOM	A27	—	—	—	—	—	—	—	—	—	GYP.	PT.*	AC*	—	9'-8"	*PAINT NEW & EXISTING GYP. **SEE DWG. A7
CONFERENCE	A28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
OFFICE	A28b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STAFF OFFICES	A29	—	—	VINYL	—	—	—	—	—	—	GYP.	PT.*	AC**	—	9'-8"	*PAINT NEW GYP. **SEE DWG. A7
TOILET	A30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
HALL	A31	—	—	S.A.T.	—	—	—	—	—	—	—	—	AC*	—	VARIES	*SEE CEILING PLANS NEW RECESSED CONC. BLK. MEP. PLANS - NO FINISH
LIBRARY/CLASSROOM	A32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*PATCH PLASTER AT DOOR †ATO
STORAGE	A33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
ELECTRIC	A33b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CORRIDOR	A34	—	VINYL*	S.A.T.	CONC BLK.	PT.	—	—	CONC BLK.	PT.	—	—	AC*	—	8'-8"	*SEE DWG. A7 **PATCH AS REQUIRED
CLASSROOM	A35	—	—	—	D.P.	—	—	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A36	—	—	—	—	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	DELETED
CLASSROOM	A38	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A39	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A40	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A41	—	—	—	D.P.	—	—	—	D.P.	—	D.P.*	—	AC**	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
PASSAGE	A42	—	VINYL	S.A.T.	CONC BLK.	PT.	—	—	CONC BLK.	PT.	CONC BLK.	PT.	AC**	—	8'-8"	*PAINT NEW & EXISTING CONC. BLK. PATCH VINYL PLANK **SEE DWG A7
PASSAGE	A43	—	—	VINYL	D.P.	—	CONC BLK.	PT.	D.P.	—	—	—	AC*	—	8'-8"	*SEE DWG. A7 VINYL BASE AT NEW CONC. BLK.
RESOURCE CENTER	A44	—	—	—	D.P.	—	—	—	—	—	D.P.	—	AC*	—	VARIES	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A45	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
ROOM	A46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	DELETED
CLASSROOM	A47	—	—	—	D.P.*	—	—	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 **SEE DWG. A5 - PAINT NEW CONC. BLK. PATCH & REPAIR CARPET
CORRIDOR	A48	—	VINYL*	S.A.T.	CONC BLK.	PT.	—	—	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A7 **PATCH VINYL AS REQUIRED
CLASSROOM	A49	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CLASSROOM	A50	—	—	—	D.P.	—	D.P.	—	D.P.	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
COMPUTER	A51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PASSAGE	A52	—	—	—	D.P.	—	—	—	—	—	—	—	AC*	—	9'-8"	*SEE DWG. A7
CLASSROOM	A53	—	—	—	D.P.	—	—	—	—	—	D.P.	—	AC*	—	9'-8"	*SEE DWG. A7 PATCH & REPAIR CARPET
CAFETERIA	B1	—	—	—	—	—	—	—	—	—	—	—	AC*	—	VARIES	*SEE DWG. A8
VESTIBULE	B2	—	—	—	—	—	—	—	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A8
FACULTY DINING	B3	—	—	—	—	—	—	—	—	—	—	—	AC*	—	9'-8"	*SEE DWG. A8
SERVING	B4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CART STORAGE	B5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STAIRS	B6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
KITCHEN	B7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CAFETERIA Sto.	B8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
COMMONS	B9	—	—	S.A.T.	—	—	CONC BLK.	PT.*	—	—	—	—	AC**	—	9'-8"	*PAINT NEW EXIT ABOVE CONC. BLOCK **SEE DWG. A8
VESTIBULE	B10	—	—	—	—	—	—	—	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A8
EXIT PASSAGE	B10b	—	—	S.A.T.	—	PT.*	CONC BLK.	PT.*	—	PT.*	CONC BLK.	PT.*	AC**	—	8'-8"	*PAINT NEW EXIT ABOVE CONC. BLOCK **SEE DWG. A8
BOYS TOILET	B11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
GIRLS TOILET	B12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MEN	B13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
H.C. TOILET	B14	—	—	—	—	—	CONC BLK.	PT.*	—	—	—	—	—	—	—	*EPOXY PAINT TO MATCH GLAZED BLOCK
CORRIDOR	B15															SEE CORRIDOR A16
CUSTODIAN	B16															SEE CORRIDOR A1
CORRIDOR	B17															DELETED
OFFICE	B18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CLOSET	B19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
WORK ROOM	B20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CONFERENCE	B21	—	—	—	—	—	—	—	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A8
STORAGE	B22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
COMMONS STORAGE	B23	—	—	—	—	—	—	—	—	—	—	—	AC*	—	9'-8"	*SEE DWG. A8
OFFICE	B24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PASSAGE	B25	—	—	—	—	—	CONC BLK.	—	CONC BLK.	—	—	—	AC*	—	8'-8" 9'-8"	*SEE DWG. A8
TOILET	B26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CLOSET	B27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOILET	B28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CLOSET	B30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
LIBRARY	B30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
GUIDANCE	B31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
OFFICE	B31b	—	—	—	—	—	—	—	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A8
CLOSET	B32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STUDENT ACTIVITIES	B33	—	—	—	—	—	—	—	—	—	—	—	AC*	—	9'-0"	*SEE DWG. A8

The new finishes called for on all interior surfaces shall be inaccordance with Section 6-5 of the fire code and as follows:

- Exits and Exit Passages - Class A
- Corridors and Lobbies - Class A or B
- All other areas - Class A, B or C

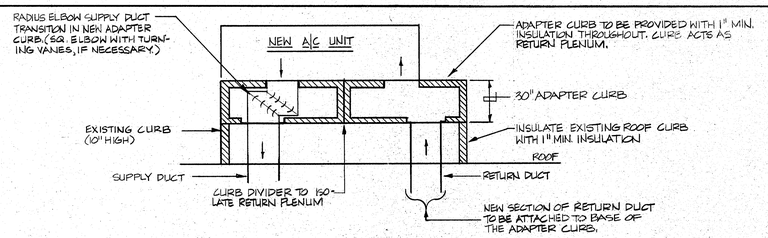
The existing finishes throughout the building appear to comply with these requirements.

FINISH SCHEDULE

ROOM NAME	NO.	FLOOR MAT.	FLOOR FIN.	FLOOR BASE	WALLS NORTH MAT.	WALLS NORTH FIN.	WALLS EAST MAT.	WALLS EAST FIN.	WALLS SOUTH MAT.	WALLS SOUTH FIN.	WALLS WEST MAT.	WALLS WEST FIN.	CEILING MAT.	CEILING FIN.	CEILING HT.	REMARKS
TYPING	B34	—	—	—	—	PT.*	—	—	—	—	—	—	AC**	—	9'-0"	*PAINT CONC. BLOCK AS REQUIRED AT NEW COUNTER. **SEE DWG A8
VESTIBULE	B35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PROJECTION ROOM	B36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	B37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
GROUP ROOM	B38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PASSAGE	B39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
WAITE ROOM	B40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	B41															DELETED
PASSAGE	B42	—	—	S.A.T.	—	—	—	—	—	—	CONC BLK.	PT.	AC*	—	9'-0"	*SEE DWG. A8
	B43															DELETED
WORK ROOM	B44	—	—	—	—	—	—	—	—	—	CONC BLK.	PT.*	—	—	—	*PAINT NEW & EXISTING CONC. BLOCK
RECEIVING	B45	—	—	—	—	—	CONC BLK.	PT.	—	—	—	—	—	—	—	*PAINT NEW & EXISTING CONC. BLOCK
FREEZER	B46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STAIRS	B47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PASSAGE	B48	—	—	—	CONC BLK.	PT.	—	—	—	—	—	—	—	—	—	PAINT NEW CONC. BLOCK
MECHANICAL	B49	—	—	—	—	—	—	—	—	—	CONC BLK.	PT.*	—	—	—	*PAINT NEW & EXISTING CONC. BLOCK
LOCKER	B50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	B51															DELETED
PUMP ROOM	B52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
FOOD STORAGE	B53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
ELECTRICAL ROOM	B54	—	—	—	—	—	—	—	—	—	CONC BLK.	PT.	—	—	—	PAINT NEW CONC. BLOCK
ROOM	B55															DELETED
DUMBWAITER	B56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
WAITE	B57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SUTTLY ROOM	B58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
GYMNASIUM	C1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	C2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CORRIDOR	C3	—	—	—	—	—	CONC BLK.	PT.	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A7
UNIFORM	C4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TEAM	C5															
H.S. BOYS L.R.	C6															
TOILET	C7															
DRY	C8															
SHOWER	C9															
PLEASURE	C10															
TRAINING	C11															
OFFICE	C12															
M.S. BOYS L.R.	C13															
SHOWER	C14															
TEACHER LOCKERS	C15															
PASSAGE	C16															
	C17															
DRY	C18															
STORAGE	C19															
TOILET	C20															
LOCKERS	C21															
EXERCISE	C22															
TEACHERS LOCKERS	C23															
OFFICE	C24															
STORAGE	C25															
TEAM	C26															
GYM STORAGE	C27															
PASSAGE	C28		S.A.T.						CONC BLK.	EPOXY PAINT						*REPAIR PLASTER CEILING - REPAIR CERAMIC TILE FLOOR & INSTALL 16 S.F. VINYL FLOORING
H.S. GIRLS L.R.	C29															
TOILET	C30															
DRY	C31															
SHOWER	C32															
SHOWER	C33															
DRY	C34															
TOILET	C35															
M.S. GIRLS L.R.	C36															
PASSAGE	C37		S.A.T.						CONC BLK.	EPOXY PAINT						*REPAIR PLASTER CEILING - REPAIR CERAMIC TILE FLOOR & INSTALL 16 S.F. VINYL FLOORING
SHOWER	C38															
VESTIBULE	C39															
DRY	C40															
TOILET	C41															
GIRLS L.R.	C42		S.A.T.				CONC BLK.	EPOXY PAINT								REPAIR PLASTER CEILINGS. PAINT NEW CONC BLK.
PASSAGE	C43		S.A.T.				CONC BLK.	PT.			CONC BLK.	PT.			+	*REPAIR ACOUSTIC CEILING
OFFICE	C44		—				—	—			—	—				
STORAGE	C45															
VESTIBULE	C46															
TOILET	C47															
DRY	C48															
SHOWER	C49															
BOYS L.R.	C50	—	VINYL**	S.A.T.	—	—	—	—	CONC BLK.	EPOXY PAINT					+	*REPAIR TILE & NEW CONC BLOCK WALLS & CER. TILE FLOOR **INSTALL 16 S.F. VINYL FLOORING
CORRIDOR	C51	—	—	S.A.T.	—	—	—	—	CONC BLK.	PT.	CONC BLK.	PT.	AC*	—	8'-8"	*REPAIR AC. AT NEW CONC. BLK. WALLS. PAINT NEW CONC. BLOCK.
CORRIDOR	C51b	—	—	S.A.T.	—	—	—	—	CONC BLK.	PT.	—	—	AC*	—	8'-8"	*SEE DWG. A10
VESTIBULE	C52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STORAGE	C53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CLOSET	C54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	C55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
FOYER	C56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MECHANICAL ROOM	C57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
AUDITORIUM	D1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
LIGHT CONTROL	D1b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	D2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	D3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	D4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VESTIBULE	D5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
WOMENS TOILET	D6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MENS TOILET	D7	—	CERTIFIED	S.A.T.	CONC BLK.	PT.	—	—	CONC BLK.	PT.	—	—	PLAS.	—	8'-8"	*PATCH & PAINT ENTIRE PLASTER CEILING *EPOXY PAINT ALL NEW CONC. BLOCK *REPAIR CERAMIC TILE FLOOR
STORAGE	D8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STAGE	D9	—	—	—	—	—	—	—	—	—	—	—	—	—	+	*PAINT NEW STAGE STRUCTURE TO MATCH EXISTING
ROOM	D10															DELETED
DARK ROOM	D11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STAIR	D12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STAGE CRAFT	D13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MUSIC PRACTICE	D14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

FINISH SCHEDULE

ROOM NAME	NO.	FLOOR MAT.	FLOOR FIN.	FLOOR BASE	WALLS NORTH MAT.	WALLS NORTH FIN.	WALLS EAST MAT.	WALLS EAST FIN.	WALLS SOUTH MAT.	WALLS SOUTH FIN.	WALLS WEST MAT.	WALLS WEST FIN.	CEILING MAT.	CEILING FIN.	CEILING HT.	REMARKS
STORAGE	D15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PRACTICE	D16															
PRACTICE	D17															
CORRIDOR	D18															
PRACTICE	D19															
PRACTICE	D20															
PRACTICE	D21															
OFFICE	D22															
CORRIDOR	D22b															
CHORAL	D23															
BUILDING SUPPLY	D24															
CORRIDOR	D25	—	—	S.A.T.	—	—	CONC BLK.	PT.	—	—	—	—	AC*	—	8'-8"	*SEE DWG. A10
CORRIDOR	D26	—	—	S.A.T.	CONC BLK.	PT.	—	—	CONC BLK.	PT.	—	—	AC*	—	8'-8"	*SEE DWG. A10
CERAMICS	D27	—	—	S.A.T.	—	—	CONC BLK.	PT.*	—	—	—	—	—	—	—	*PAINT NEW & EXISTING CONC. BLOCK.
M.S. ART ROOM	D28	—	—	—	—	—	—	—	—	PT	—	—	—	—	—	*PAINT CONC. BLOCK @ NEW CABINETRY AS REQUIRED
H.S. ART ROOM	D29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	D30															DELETED
	D31															DELETED
STORAGE	D32															
CLOTHING LAB	D33												*			*ACOUSTIC CEILING REPAIR & DEMO. MEP. DWG. A10
FAMILY LIVING	D34															
FOOD LAB	D35															
CORRIDOR	D36												AC*	—	8'-8"	*SEE DWG. A10 PAINT NEW CONCRETE BLOCK.
CUSTODIAN	D37												—	—		
BOYS TOILET	D38															
GIRLS TOILET	D39															
PLANNING	D40															
GRAPHICS ARTS LAB.	D41															
WOOD LAB	D42															
BATTERY CHARGE	D43															
WOOD STORAGE	D44															
FINISH ROOM	D45															
FUTURE TECH. ED	D46															
FUTURE TECH. ED.	D46b															
ELECTRONICS LAB.	D47															
POWER LAB	D48															
STORAGE	D49															
STORAGE	D50															
CORRIDOR	D51			S.A.T.					CONC BLK.	PT.	CONC BLK.	PT.	AC*	—	8'-8"	*SEE DWG. A10 PAINT ALL NEW CONC BLOCK
TOILET	D52			—					—	—	—	—	—	—	—	
SHOWER	D52b															
CUSTODIAN	D53															
STORAGE	D54															
OFFICE	D55												AC*	—	8'-8"	*SEE DWG. A10
VESTIBULE	D56												—	—	—	
VESTIBULE	D57			S.A.T.					CONC BLK.	—	CONC BLK.	—	AC*	—	—	*NEW AC. MEP. DWG. A10 - VERIFY HEIGHT OF EXISTING @ 8'-8"
CHILLER PLANT	D58															EXTERIOR MAT'L SPACE
CRAWLSPACE	D59	—	—	—	—	—	—	—	—	—	CONC BLK.	PT.	AC*	—	8'-8"	*SEE DWG. A10



ROOF TOP UNIT, ADAPTER CURB DETAIL

NOT TO SCALE

DIVIDER IN ADAPTER CURB TO ISOLATE RETURN PLENUM (TYP. FOR ALL NEW A/C UNITS)

UNIT RETURN

60"x12" DN. FROM FLR OF ADAPTER CURB. CURB ACTS AS PLENUM. ('SAME FOR AC-1)

TRANSITION SUPPLY DUCTWORK FROM UNIT TO 60" x 14" AT ROOF LEVEL

72" x 12" DN FROM FLOOR OF ADAPTER CURB. CURB ACTS AS PLENUM.

AC9

EXIST. ROOF CURB (TYP.)

AC10

EXIST ROOF CURB (TYP.)

TRANSITION SUPPLY DUCTWORK FROM UNIT TO 60" x 14" AT ROOF LEVEL ('SAME FOR AC-1).

100 x 16" RETURN DN FROM FLOOR OF ADAPTER CURB

UNIT RETURN

EXIST. CURB (TYP.)

AC11

HV2 (EXISTING)

REBALANCE HV-2 TO DELIVER 18,000 CFM WITH 10% MIN. O.A. (1,800 CFM)

TRANSITION FROM UNIT TO 100' x 19" SUPPLY AT ROOF

60" x 14" SUPPLY DN. TRANSITION FROM UNIT OPENING.

CURB DIVIDER

CONNECT TO EXISTING RETURN DUCTWORK AT ROOF LEVEL

AC12

CONNECT EXIST. DUCTWORK TO FLOOR OF ADAPTER CURB.

REBALANCE HV-3 TO DELIVER 7,400 CFM WITH 25% MIN. O.A. (1,850 CFM)

HV 3 (EXISTING)

EF2

NEW POOL EQUIPMENT ROOM EXHAUST EF-2

EXIST. HV-4 TO BE REMOVED. REMOVE ALL ASSOCIATED EQUIPMENT AND PATCH AND SEAL ROOF OPENING. PATCH DUCTWORK BELOW ROOF LEVEL

HV5 (EXISTING)

REBALANCE HV-5 TO DELIVER 7,700 CFM WITH 25% MIN. O.A. (1,900 CFM)

CU1

REPLACE EXISTING CONDENSING UNIT WITH NEW 40 TON CONDENSING UNIT. REUSE EXIST. COPPER REFRIG PIPING & PROVIDE NEW PIPING CONNECTIONS AS REQ'D. PROVIDE NEW REFRIG DRYER. REUSE EXIST. ROOF CURB ADAPTER AS NECESSARY TO FIT NEW UNIT.

CU2

REPLACE EXISTING CONDENSING UNIT WITH NEW 7½ TON CONDENSING UNIT. REUSE EXIST. COPPER REFRIG. PIPING & PROVIDE NEW PIPING CONNECTIONS AS REQ'D. PROVIDE NEW REFRIG. DRYER. REUSE EXIST. ROOF CURB AND PROVIDE ROOF CURB ADAPTER AS NECESSARY TO FIT NEW UNIT.

REBALANCE HV-6 TO DELIVER 20,000 CFM WITH 25% O.A. (5,000 CFM)

HV6 (EXISTING)

NEW BATTERY STORAGE ROOM EXHAUST EF-6

EF 6

REBALANCE HV-7 TO DELIVER 10,000 CFM WITH 25% MIN. O.A. (2,500 CFM)

HV7 (EXISTING)

NEW HOOD EXHAUST FAN EF-4 TO BE LOCATED AS SHOWN DISTANCE FROM AC-6 INTAKE TO EF-4 EXHAUST TO BE 15'-0" MIN.

EF4

AC7 (SEE AC3)

ISOLATE RETURN PLENUM SECTION BETWEEN SUPPLY & RETURN DROPS FROM UNITS.

TRANSITION SUPPLY DUCTWORK FROM UNIT SIZE TO EXIST. 60" x 15" DUCT AT ROOF LEVEL

60" x 18" DOWN FROM FLOOR OF ADAPTER CURB. CURB SECTION ACTS AS PLENUM.

EF3

EXIST. EXHAUST FAN TO BE REMOVED REMOVE ALL ASSOCIATED DUCTWORK PATCH AND SEAL ROOF OPENING.

AC6

UNIT RETURN

NEW PREP/STORAGE EXHAUST FAN EF-3 EXISTING ROOF CURB

NEW HOOD EXHAUST FAN EF-5 TO BE LOCATED AS SHOWN DISTANCE FROM AC-6 INTAKE TO EF-5 EXHAUST TO BE 15'-0" MIN.

EF5

AC8 (SEE AC3)

40" x 18" SUPPLY DN. TRANSITION FROM UNIT SIZE

40" x 18" DN. FROM FLOOR OF ADAPTEE CURB. CURB ACTS AS PLENUM

AC 5

72" x 18" RETURN DN. FROM FLOOR OF CURB. CURB ACTS AS PLENUM.

UNIT RETURN

TRANSITION SUPPLY DUCT FROM UNIT TO CONNECT TO 72" x 18" AT ROOF LEVEL

AC 13

CURB DIVIDER

UNIT RETURN

AC3

72" x 16" RETURN DN FROM FLOOR OF ADAPTER CURB. CURB SECT. ACTS AS PLENUM (TYP FOR ACA, AC1, AC8.)

DIVIDER IN CURB TO ISOLATE RETURN PLENUM (TYPICAL OF ALL UNITS)

TRANSITION SUPPLY DUCT IN ADAPTER CURB TO CONNECT TO 72" x 18" AND 72" x 18" SUPPLY DUCTS AT ROOF. (TYP OF UNITS AC4, AC1, & AC8)

AC4 (SEE AC3)

TRANSITION SUPPLY DUCTWORK FROM UNIT TO 60" x 14" AT ROOF LEVEL.

72" x 16" RETURN DOWN FROM FLOOR OF ADAPTER CURB. CURB ACTS AS PLENUM.

AC1 (SEE AC9)

AC2

CURB DIVIDER

EXIST. CURB (TYP.)

UNIT RETURN

GENERAL NOTES

1) PROVIDE ¾" CONDENSATE TRAPS W/ CLEANOUTS FOR NEW A.C. UNITS.
2) ALL NEW RETURN DUCTWORK AND SOUND ELBOWS SHALL BE FULLY LINED WITH 1" MIN. SOUND LINING.
3) REMOVE EXISTING A/C UNITS AND ALL ASSOCIATED COMPONENTS. REMOVE DUCTWORK TO ROOF LEVEL AND PREPARE FOR RE-CONNECTION. PROVIDE NEW PACKAGED ROOF TOP A/C UNIT AND CONNECT DUCTWORK AS SHOWN ON FLOOR PLANS. (TYP. OF AC-1 THROUGH AC-13)
4) EXISTING A/C UNIT ROOF CURBS TO REMAIN. CONTRACTOR SHALL PROVIDE PRE-FABRICATED CURB ADAPTER FOR NEW UNIT TYPE TO FIT EXISTING (WEBSTER) CURBS. SEE SPEC SECTION 15500 FOR DETAILS. CONTRACTOR SHALL CLOSELY COORDINATE DIMENSIONS OF EXIST. VS NEW SYSTEMS BEFORE ORDERING ANY EQUIPMENT (TYP OF AC-1 THROUGH AC-13)
5) PROVIDE THE FOLLOWING SERVICE FOR EXIST. I & HV UNITS:
   1) MAKE SURE ALL UNIT PANELS ARE SECURE
   2) REPLACE FILTERS, BELTS & REBALANCE.
   3) DISCONNECT EXIST. ELEC. COILS & ABANDON IN PLACE
   4) CLEAN FANS & AIR PASSAGES
   5) REPORT MAINTENANCE REQUIREMENTS OTHER THAN ABOVE TO OWNER.

REVISED 03/24/93

KEY PLAN

PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

MECHANICAL ROOF PLAN

NOT TO SCALE

DRAWING NUMBER
M1

PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

MATCH LINE B A

FOR CONTINUATION OF PIPING, SEE DWG. M3

FOR CONTINUATION OF PIPING, SEE DWG. M3

EXIST. SUPPLY DUCTWORK TO REMAIN.

REMOVE ELECTRIC BASEBOARD AND ALL ASSOC. EQUIPMENT

12"x8" EXH. UP TO ROOF MOUNTED EF-3, OFFSET DUCTWORK ABOVE CEILING TO BRING FAN OFF ROOF EDGE 6'-0" DUCT DROPS TO 1' AFF W/ WIRE-1

6"x4" DUCT TO 6' AFF PROVIDE (1) WIRE-2 (BOX SIM. TO WIRE-1) HIGH, PLAN TYP. SHOT LOCATION OF DUCT DROP)

EXIST. 72"x18" UP THROUGH ROOF CONNECT TO DUCTWORK TRANSITION AT ROOF LEVEL. SEE ROOF PLAN FOR CONTINUATION

EXIST. 72"x18" UP THROUGH ROOF CONNECT TO SUPPLY DUCTWORK TRANSITION AT ROOF SEE ROOF PLAN FOR CONTINUATION

EXIST. 72"x18" UP THROUGH ROOF, CONNECT TO SUPPLY DUCT. SEE TRANSITION AT ROOF. SEE M1 FOR CONT.

EXIST. 72"x18" UP THROUGH ROOF CONNECT TO SUPPLY DUCTWORK TRANSITION AT ROOF SEE ROOF PLAN M1 FOR CONTINUATION

EXIST. 72"x18" UP THROUGH ROOF, CONNECT TO SUPPLY DUCTWORK AT ROOF. SEE ROOF PLAN FOR CONTINUATION.

72"x16" RETURN UP THROUGH ROOF. CONNECT TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING. RUN TIGHT TO ROOF DECK. MODIFY OPENING IN ROOF TO ACCEPT DUCT.

72"x16" UP THROUGH ROOF, CONNECT TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING RUN TIGHT TO ROOF DECK. MODIFY OPENING IN ROOF TO ACCEPT DUCT.

EXIST. 72"x14" UP THROUGH ROOF CONNECT TO SUPPLY DUCTWORK TRANSITION AT ROOF SEE ROOF PLAN FOR CONTINUATION.

EXIST. 72"x18" UP THROUGH ROOF CONNECT TO SUPPLY DUCTWORK AT ROOF. SEE ROOF PLAN FOR CONTINUATION.

EXIST. 72"x18" UP THROUGH ROOF, CONNECT TO SUPPLY DUCTWORK TRANSITION AT ROOF SEE ROOF PLAN FOR CONTINUATION.

72"x16" RETURN UP THROUGH ROOF, CONNECT TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING RUN TIGHT TO ROOF DECK. MODIFY OPENING IN ROOF TO ACCEPT NEW DUCT.

42"x36" HOT WATER COIL IN VERTICAL DUCT RISER. PROVIDE SHEET METAL PLENUM FOR DUCT CONNECTION SQUARE ELBOW W/ TURNING VANES (TYP.)

40"x8" UP TO FLOOR OF ADAPTER CURB

40"x18" SOUND ELBOW 6' TOTAL LENGTH PROVIDE 1" SOUND LINING

FOR CONTINUATION OF HOT WATER PIPING, SEE DWG. M3

EXISTING FLEX TO EXISTING DIFFUSERS.

REMOVE ELECTRIC BASEBOARD AND ALL ASSOCIATED EQUIP.

EXIST. SUPPLY DUCT TO REMAIN

FOR CONTINUATION OF PIPING, SEE DWG. M3

FOR CONTINUATION OF HOT WATER PIPING, SEE DWG. M3

FOR CONTINUATION SEE DWG. M3

MATCH LINE A E

MATCH LINE A D

REBALANCE THIS SECTION FOR UNIFORM AIR VOLUMES AT EACH EXISTING DIFFUSER 5800 CFM TOTAL FIELD VERIFY DIFFUSER COUNT.

REVISED 03/24/93

GENERAL NOTES:

1) WHERE LIGHT/DIFFUSERS ARE RELOCATED, REMOVE FLEX CONNECTIONS FROM MAIN, PATCH EXIST. HOLE IN DUCT, AND RECONNECT FLEX TO MAIN AT NEAREST PROXIMITY TO RELOCATED LIGHT/DIFFUSER. DRAWINGS ARE DIAGRAMMATIC, IT IS CONTRACTORS RESPONSIBILITY TO VERIFY AND PROVIDE ALL RELOCATIONS AND RECONNECTIONS AS FIELD CONDITIONS DICTATE.
2) SEE HOT WATER COIL PIPING DETAIL ON DWG M3, FOR COIL CONNECTIONS.
3) CONTRACTOR SHALL MODIFY EXISTING OPENINGS IN ROOF AS NECESSARY TO ACCOMMODATE NEW DUCTWORK DROPS FROM UNITS.
4) NUMBERS IN PARENTHESES ARE CFM'S WHICH THE SYSTEM SHALL BE BALANCED TO. VOLUME DAMPERS ARE TO BE PROVIDED IN NEW & EXISTING MAINS.
5) CONTRACTOR SHALL REMOVE UNUSED EXISTING WOOD FOLDING DOOR FRAME ABOVE CEILING AS NECESSARY TO FACILITATE DUCTWORK AND COIL INSTALLATION.
6) REMOVE ALL VAV BOXES AND ELECTRIC HEATING COILS ASSOCIATED W/ AC-6 AND REPLACE WITH HOT WATER HEATING COILS AS SHOWN ABOVE.
7) SHADED DIFFUSERS ARE EITHER RELOCATED OR REDUCTED SEE FLOOR PLAN FOR DETAILS, ALL FLEX DUCTWORK SHOWN AS NEW SHALL BE 6'-0"
8) (D) DESIGNATES A NEW 60" x 20" TRANSFER DUCT WITH SMOKE DAMPER MOUNTED ABOVE CEILING.
9) SHADED AREAS INDICATE NEW DUCTWORK, ETC. ALL SMOKE DAMPERS (S.D) SHOWN ARE NEW.

KEY PLAN

PLAN NORTH

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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

MECHANICAL FLOOR PLAN
AREA A
SCALE: 1/8"=1'-0"

DRAWING NUMBER
M2
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

NO HVAC WORK IN THIS AREA

STAIRS B47 | WASTE B57 | PUMPWAITER B56 | ELECTRICAL ROOM B54 | RECIEVING B45 | PASSAGE B43 | MECHANICAL ROOM B40 | WORK ROOM B44 | FREEZER B46 | LOCKERS B52 | SUPPLY ROOM B50 | FOOD STORAGE B53 | PUMP ROOM B52

SEE "PART PLAN-NEW BOILER RM." ON DWG. M-7 FOR ENLARGED PLAN

NO HVAC WORK IN THIS AREA

STAIRS B6 | WASTE B40 | KITCHEN B7 | SERVING B4 | FACULTY DINING B3 | GYMNASIUM G1

6" HOT WATER SUPPLY & RETURN MAINS DN. TO BOILER ROOM. SEE DWG. M-7 FOR CONTINUATION.

COMMON STO. B28 | CAPT. STORAGE B2 | CART STORAGE B3 | COMMONS B9 | VESTIBULE B10 | EXIT PASSAGE B0E | PASSAGE B42

HW-17A | HW-17B | HW-17C | HW-11 | HW-10 | HW-12 | HW-13 | HW-14 | HW-15 | HW-16 | HW-18 | HW-19

BALANCE VALVE (TYP.)

2" RISER UP TO HW-5B. SEE DWG. M4 FOR CONTINUATION

250 CFM

EXIST. 14"x8" DUCT TO EXIST. 14"x10"

NEW 19"x8" DUCT TO EXIST. 14"x10"

19"x10" UP TO SUPPLY TRANSITION AT ROOF

6" SOUND ELBOW W/1" SOUND LINING 100"x16"

100"x16" RETURN UP TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING. PATCH UNUSED OPENING IN ROOF.

FOR PIPING CONTINUATION SEE DWG. M6

MATCH LINE B/C

MATCH LINE E/D

GROUP ROOM E38

REBALANCE THIS ROOM TO 3000 CFM, ALL DIFFUSERS CARRYING EQUAL VOLUME EXISTING DIFFUSER QUANTITY IS 9 LINEARS AT 1000 CFM EACH.

VESTIBULE B35 | TYPING B34 | STUDENT ACTIVITIES B33 | PASSAGE B32 | GUIDANCE B31 | LIBRARY B30 | OFFICE B29 | OFFICE B24 | CLOSET B28 | B27 | B26 | OFFICE B1P HW-7 | GIRLS TOILET B12 | WORK ROOM B10 | BOYS TOILET B11 | H.C. TOILET B14 | B13 MEN | CUST. B46

VESTIBULE B37 | PROJECTION RM B36 | HW-1 | HW-2 | HW-3 | HW-4 | HW-5 | HW-6 | HW-7 | HW-8

4" SOUND ELBOW 60"x12" W/1" SOUND LINING

3"x6" EXPANSION LOOP

AC-9 ON ROOF | AC-10 ON ROOF | PIPE GUIDES

60"x14" SUPPLY UP. CONNECT WITH SUPPLY TRANSITION FROM UNIT TO ROOF.

60"x12" RETURN UP TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING. BLOCK OFF UNUSED OPENING.

60"x14" SUPPLY UP. CONNECT W/ SUPPLY TRANSITION FROM UNIT AT ROOF.

72"x12" RETURN UP TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING. BLOCK OFF UNUSED OPENING.

6" SOUND ELBOW (72"x12") 1" SOUND LINED

PIPE ANCHORS (TYP.)

SEE DWG. M2 FOR CONTINUATION OF HOT WATER PIPING

PIPING SHALL CONTINUE IN HALLWAY

72"x16" RETURN UP TO FLOOR OF ADAPTER CURB. PROVIDE 1" SOUND LINING. BLOCK OFF UNUSED OPENING

3"x6" EXPANSION LOOP

PIPE GUIDES (TYP.)

6" SOUND ELBOW (72"x16") 1" SOUND LINED.

SEE DWG. M2 FOR CONTINUATION OF HOT WATER PIPING LOOP.

PIPE ANCHORS (TYP.)

MATCH LINE A/C

VESTIBULE E40 | PRODUCTION E41 | EXIST. 24"x10" TRANSFER DUCTS | CLASSROOM E39 | CLASSROOM E94 | STUDENT ACTIVITIES E21 | PASSAGE E44 | AC-1 ON ROOF | AC-2 ON ROOF | HW-18 | HW-19 | HW-20 | HW-21

4" SOUND ELBOW 60"x12" W/1" SOUND LINING

EXISTING 12"x12" UP TO EF-22

MEN E36 | BOYS TOILET E38 | H.C. TOILET E35 | GIRLS TOILET E37 | WAITING E25 | LIBRARY E30 | OFFICE E32 | OFFICE E22 | E23 | E24 | E25 | OFFICE E21 | HW-22 | HW-23 | HW-24 | HW-25 | HW-26 | HW-27 | HW-28

EXISTING 8"x8" UP TO EF-23

EXISTING 8"x8" UP TO EF-24

CONFERENCE E27 | LOUNGE E16 | REST E16 | WORK RM E8 | OFFICE E19 | EXAM E14 | OFFICE E15 | CONFERENCE E5 | EXIST. 12"x10" | NEW 12"x8" 12"x10" | EXIST. 16"x18" | NEW 12"x8" | 6"x8" UP TO EF-24 | EXIST. 20"x18" | 48"x18" | 16"x18" | 20"x18" | WAITING E1 | OFFICE E2 | WORK ROOM E6 | EXIST. VESTIBULE E3 | PRINCIPAL E3 | GUIDANCE E29

REBALANCE THIS ROOM TO 3000 CFM, ALL DIFFUSERS CARRYING EQUAL VOLUME. EXIST. DIFFUSER QUANTITY IS 5 LINEARS AT 1000 CFM EACH.

GROUP ROOM E49

GENERAL NOTES:

1) DIMENSIONS OF DUCTS WITH SOUND LINING REFER TO INSIDE CLEAR DIMENSIONS.
2) REMOVE ALL EXISTING ELECTRIC REHEAT COILS.
3) SEE HOT WATER COIL PIPING DETAIL ON DWG. M-8 FOR COIL CONNECTIONS.
4) CONTRACTOR SHALL MODIFY EXISTING OPENINGS IN ROOF AS NECESSARY TO ACCOMMODATE NEW DUCTWORK DROPS FROM UNITS.
5) NUMBERS IN PARENTHESES ARE CFM'S WHICH THE SYSTEM SHALL BE BALANCED TO. NUMBERS ARE APPROXIMATE AS THERE ARE NOT BALANCING DAMPERS AT EACH TERMINAL VOLUME DAMPERS ARE PROVIDED IN NEW MAINS.
6) REMOVE ALL VAV BOXES & ELECTRIC REHEAT COILS FROM SYSTEMS AC-2, AC-10 & AC-11. REPLACE WITH HOT WATER COILS & NEW DUCT SETTIONS AS SHOWN.
7) REBALANCE EXISTING CORRIDOR DIFFUSERS ASSOCIATED WITH AC-2 & 10 FOR UNIFORM AIR VOLUMES.
8) EXISTING RETURN AIR OPENINGS W/ FIRE DAMPERS. PROVIDE NEW DUCT COLLARS AND SMOKE DAMPERS IN THE FOLLOWING NOTED SIZES:
   (1) 48"x10"
   (2) 24"x12"
   (3) 12"x12"
   (4) 60"x24"
9) SHADED AREAS INDICATE NEW DUCTWORK. ALL SMOKE DAMPERS (SD) ARE NEW.

KEY PLAN

PLAN NORTH

REVISED 03/24/93

VAN ZELM, HEYWOOD, AND SHADFORD
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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

MECHANICAL FLOOR PLAN
AREA B & E
SCALE: 1/8"=1'-0"

DRAWING NUMBER
M3
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

MATCH LINE C D

MATCH LINE A D

MATCH LINE E D

FOR CONTINUATION OF HOT WATER PIPING LOOP, SEE DWG. M6.

5" HWS & R UP TO HW-51 & HW-52. FOR CONTINUATION, SEE "PART PLAN-MEZZANINE MECH. RM. (AREA C).

FOR CONTINUATION, SEE DWG. M4

1 1/4" HWS & R UP TO HW-54. SEE DWG. M4 FOR CONTINUATION

2" HWS & R UP TO HW-53 SEE DWG. M4 FOR CONT.

UP TO MEZZ.

6'x3' EXPANSION LOOP

PIPE GUIDES (TYP.)

PIPE ANCHORS (TYP.)

WOMENS TOILET D6

MENS TOILET D7

VESTIBULE D57

VEST. D2

VEST. D3

STORAGE D8

CORRIDOR D51b

STORAGE D49

STORAGE D50

1000 CFM

BALANCE DIFFUSERS IN THIS ROOM TO APPROX. 110 CFM EACH.

MUSIC PRACTICE D14

STAGE CRAFT D13

1000 CFM

1880 CFM

STAGE D9

FOR DETAIL OF THIS AREA SEE "PART PLAN - MEZZANINE MECH. RM. (AREA D), DWG M7.

1880 CFM

LIGHT CONTROL D16

REBALANCE DIFFUSERS IN THIS AREA FOR UNIFORM AIR FLOW DISTRIBUTION OF CFM.

AUDITORIUM D1

3'x6' EXPANSION LOOP

PIPE GUIDES (TYP.)

PIPE ANCHORS (TYP.)

36"x12"

VEST. D4

VEST. D5

STAIR D12

DARK ROOM D11

3'x6' EXPANSION LOOP

HWR

HWS

PIPE ANCHOR (TYP.)

CORRIDOR D24a

PIPE GUIDES (TYP.)

2½"

2½"

36"x18"

EXIST. R.A. OPENING

EXIST. HV-7 (ON ROOF)

HW-48

FOOD LAB D35

CERAMICS D27

M.S. ART ROOM D28

H.S. ART ROOM D29

CLOTHING LAB D33

STORAGE D31

TOILET D32

60"x42" COIL IN VERTICAL DROP FROM UNIT CONSTRUCT 20" HT. SHEET METAL SUPPLY PLENUM OF ADEQUATE DEPTH TO ALLOW RECONNECTION OF EXIST. HVAC DUCTWORK AS SHOWN.

VESTIBULE D56

REBALANCE ALL SUPPLY DIFFUSERS IN THIS AREA (HV7) TO DELIVER 125 CFM.

FAMILY LIVING D34

CHILDS PLAY D58

GENERAL NOTES:

1)

STORAGE D15

AC-14

PRACTICE D16

PRACTICE D17

PRACTICE D21

75 CFM

100 CFM

2" HWS & R UP TO MEZZ. MECH. RM (AREA D), SEE DWG. M7 FOR CONT.

CORRIDOR D18

PRACTICE D19

PRACTICE D20

200 CFM

75 CFM

OFFICE D22

200 CFM

CHORAL D23

JANIT. D53

75 CFM

TOILET D52

DDC TERMINAL

200 CFM

SHOWER D52b

DDC CONTROL PANELS

STORAGE D54

BUILDING SUPPLY D24

HWR

HWS

REBALANCE EXISTING DIFFUSERS TO 1285 CFM EACH, (TYP. OF 3)

ELECTRONICS LAB D47

POWER LAB D48

FUTURE TECH. ED. D46

FUTURE TECH. ED. D46b

HW-44

HW-45

HW-46

HW-47

6'x3' EXPANSION LOOP

CAP

PIPE GUIDES (TYP)

HV-6 (EXIST. ON ROOF)

RELOCATED SUPPLY DIFFUSERS, BALANCE TO 1200 CFM EACH (TYP. OF 3)

BATTERY CHRG D43

FINISH RM D45

WOOD STG. D44

WRR-2 150 CFM

DUCTWORK MOULTED TIGHT TO STEEL DUCTWORK 10'-8" A.F.F.

36"x12"

28"x18"

24"x8"

10"x6" EXHAUST DUCT UP TO EF-6. COORDINATE W/ STRUCTURAL AND ARCH. PLANS

RELOCATE SUPPLY DIFFUSERS BALANCE TO 1200 CFM EACH (TYP. OF 3)

NOTE: REMOVE EXIST. DUCTWORK AS SHOWN DASHED. RELOCATE EXIST. DIFFUSERS AS INDICATED CAP DUCT AS REQUIRED.

EXIST. SPRAY BOOTH AND EXHAUST FAN. TO REMAIN.

EXIST. DUST COLLECTOR AND ASSOCIATED DUCTWORK TO REMAIN

DUCTWORK TO WOOD WORKING EQUIPMENT.

HVAC CONTRACTOR TO PROVIDE MAKE UP AIR INTAKE AS SHOWN PROVIDE 2" THROW AWAY FILTERS W/RACKS. FIRE DAMPER AND DUCTWORK AS SHOWN.

2'x4' W/ 2" FILTER

F.D.

2'x4' W/ 2" FILTER

SECTION "A-A"

N.T.S.

GIRLS TOILET D38

JANIT. D37

BOYS TOILET D38

WOOD LAB. D42

PASSAGE D51

PLANNING D40

REBALANCE ALL SUPPLY DIFFUSERS IN THIS AREA (SERVED BY HW-47) TO DELIVER 100 CFM.

GRAPHIC ARTS LAB D41

REBALANCE ALL DIFFUSERS IN THIS AREA TO 100 CFM EA.

KEY PLAN

REVISED 03/24/93

PLAN NORTH

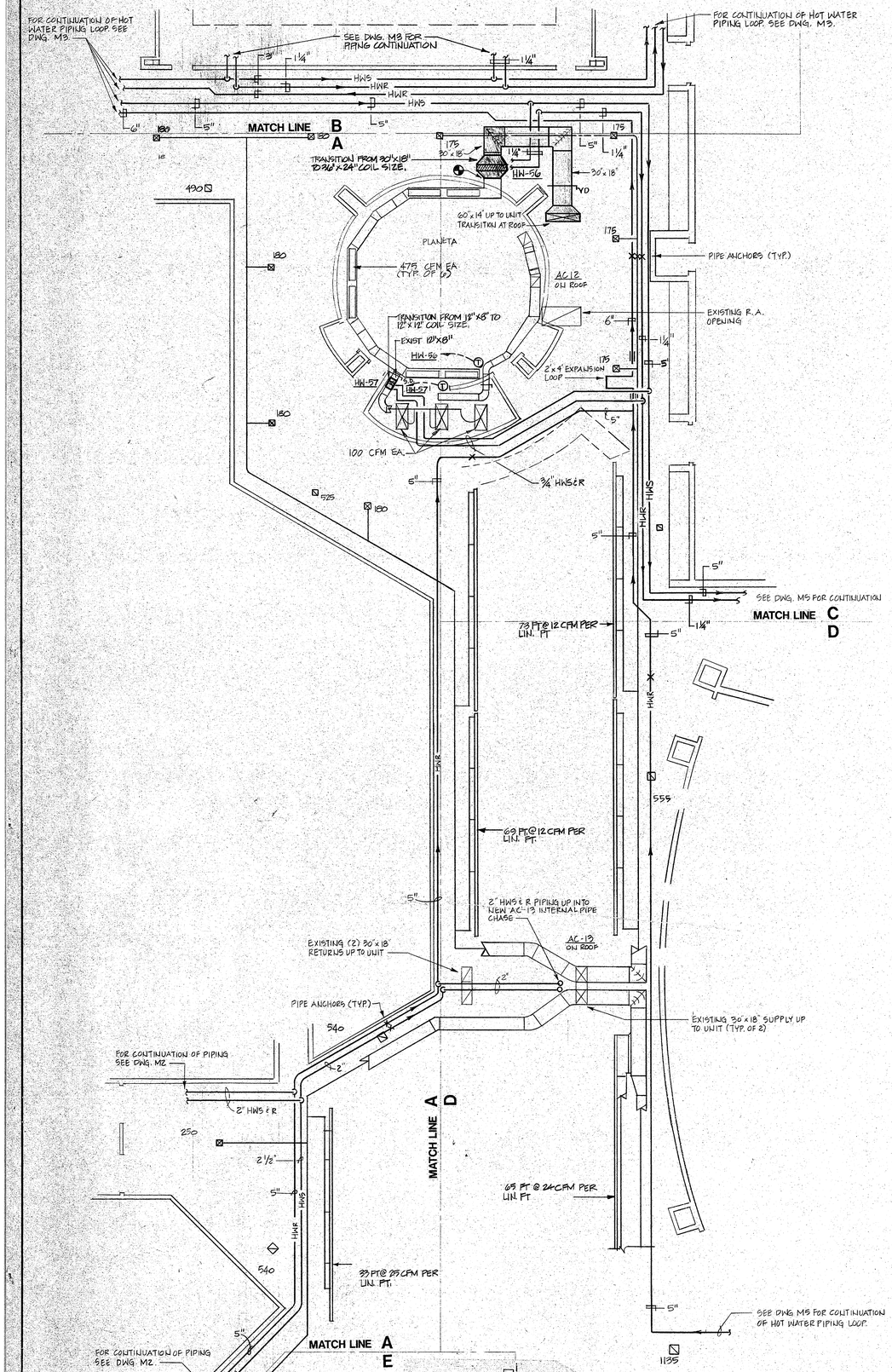
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS # 92140.00

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

MECHANICAL FLOOR PLAN
AREA D
SCALE: 1/8"=1'-0"

DRAWING NUMBER
M5
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



REVISED 03/24/93

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CODE UPDATE AND MECHANICAL RENOVATIONS
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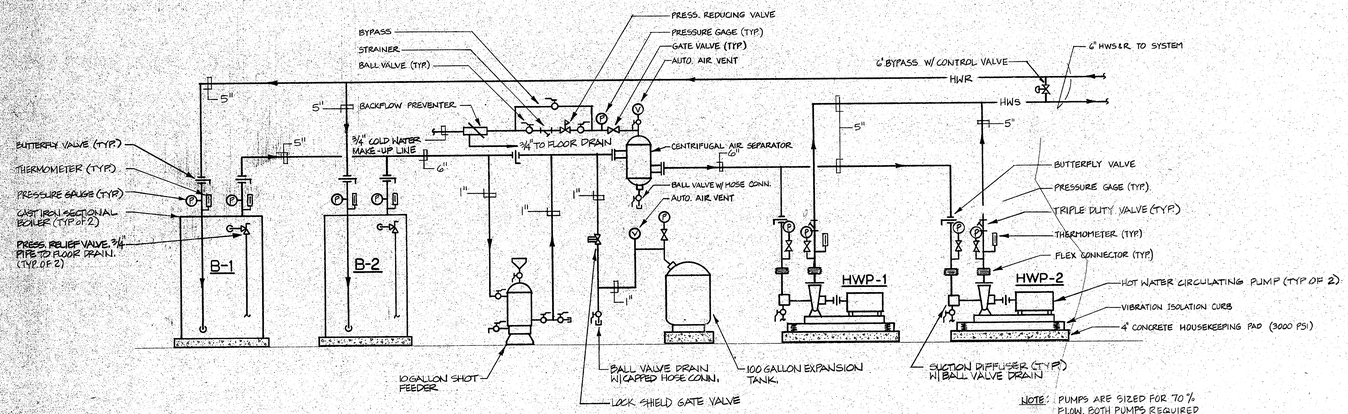
MECHANICAL PART PLAN & DETAILS

SCALE: 1/8"=1'-0"

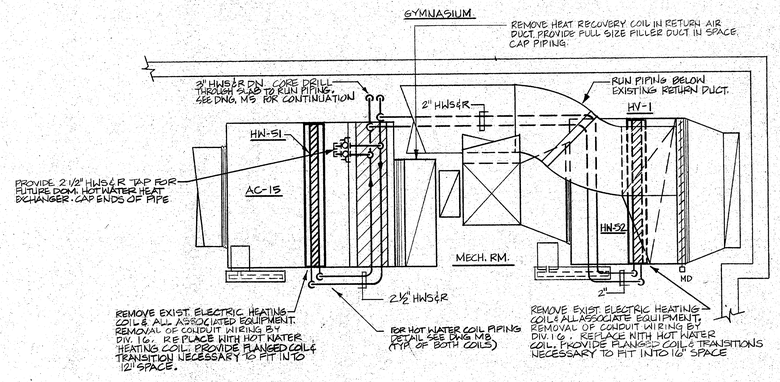
DRAWING NUMBER
M6
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



NOTE: PUMPS ARE SIZED FOR 70% FLOW. BOTH PUMPS REQUIRED FOR DESIGN CONDITIONS.

BOILER ROOM PIPING SCHEMATIC

NOT TO SCALE

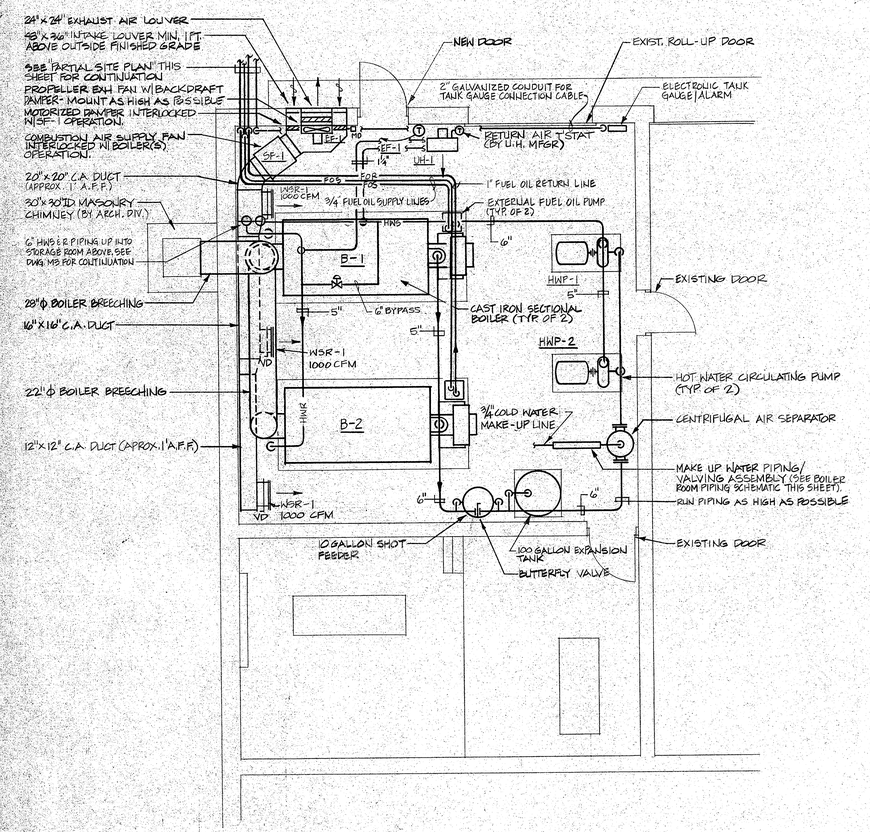


PART PLAN - MEZZANINE MECHANICAL ROOM (C AREA)

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

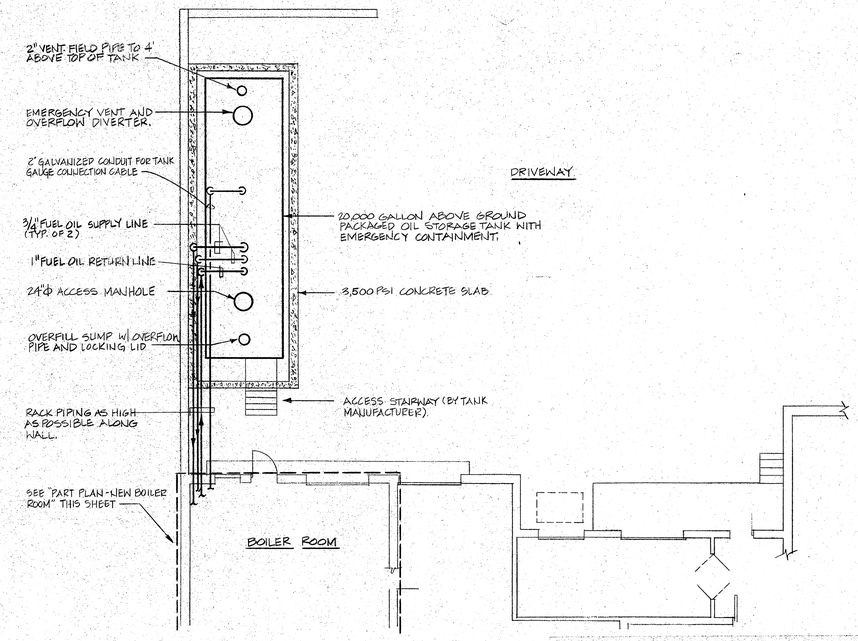
NOTES:

1) CONTRACTOR TO RUN PIPING SUCH THAT ALL ACCESS TO MAINTENANCE AREAS ON EACH UNIT IS PRESERVED.
2) CONTRACTOR TO FIELD VERIFY EXISTING DIMENSIONS & SUBMIT METHOD OF COIL REPLACEMENT FOR APPROVAL PRIOR TO THE START OF ANY WORK.
3) REPLACE FILTERS IN BOTH UNITS AND REPORT ANY MAINTENANCE ITEMS TO OWNER.



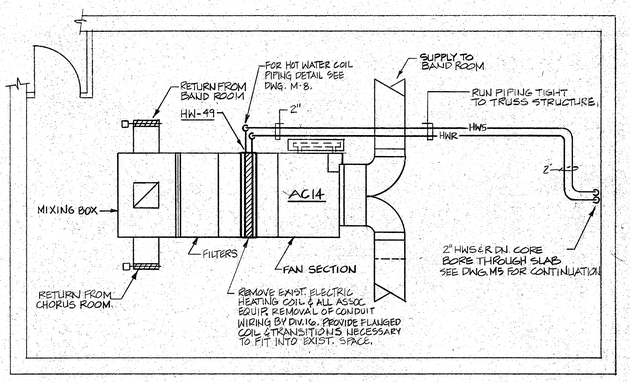
PART PLAN - NEW BOILER ROOM

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



PARTIAL SITE PLAN

SCALE: 1/8"=1'-0"

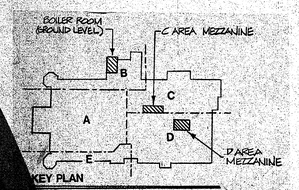


PART PLAN - MEZZANINE MECHANICAL ROOM (D AREA)

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

NOTES:

1) CONTRACTOR TO RUN PIPING SUCH THAT ALL ACCESS TO MAINTENANCE AREAS ON EACH UNIT IS PRESERVED.
2) CONTRACTOR TO FIELD VERIFY EXISTING DIMENSIONS & SUBMIT METHOD OF COIL REPLACEMENT FOR APPROVAL PRIOR TO THE START OF ANY WORK.
3) REPLACE FILTERS IN UNITS AND REPORT ANY MAINTENANCE ITEMS TO OWNER.



SEE SPECIFICATIONS - FORM OF PROPOSAL
Alternate No. 1.

Eliminate the above ground oil tank, tank support pad, oil piping, and oil fired burners. Change the design to utilize propane as the fuel source. Provide a new gas service from the existing above ground propane tank to the Boiler Room.

Coordinate with the propane supplier for all necessary regulators, vents, properly sized piping, and shut off valves. The Contractor shall include in his price any items not furnished at no charge by the propane supplier. A manual gas shut off valve must be located outside the point of building entrance. Provide burner sized for the same capacity as the specified oil burners. The Contractor shall include all interior gas piping, vents, drips&s, and an F.M. gas train.

REVISED 03/24/93

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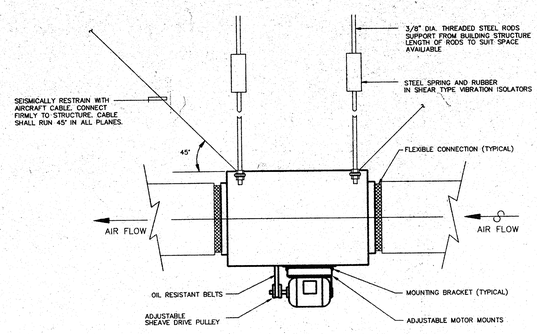
MECHANICAL PART PLANS & DETAILS

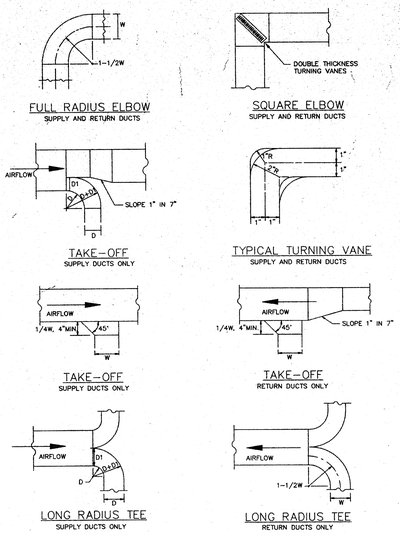
SCALE AS NOTED

DRAWING NUMBER
M7
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



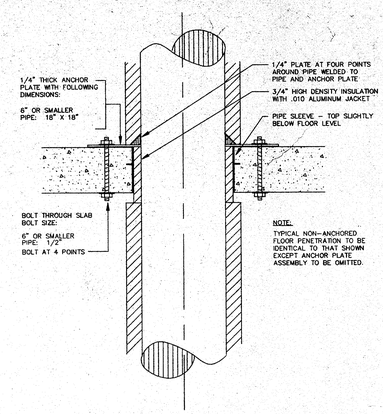
IN-LINE EXHAUST FAN DETAIL

SCALE: NONE



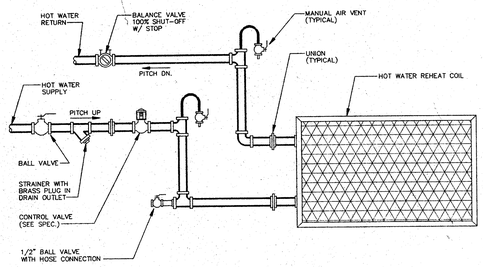
TYPICAL DUCT DETAILS

SCALE: NONE



TYPICAL FLOOR PENETRATION AND FLOOR ANCHOR DETAIL

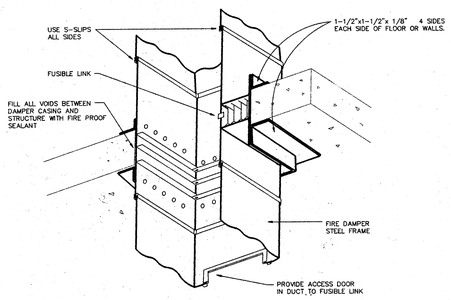
NOT TO SCALE



TYPICAL HOT WATER REHEAT COIL PIPING DETAIL (DOWNFEED)

NOT TO SCALE

NOTES:
1. THIS DETAIL IS DIAGRAMMATIC ONLY. ARRANGE PIPING TO FACILITATE COIL REMOVAL AND SO AS NOT TO OBSTRUCT ADJACENT EQUIPMENT. FOR FLANGED INSTALLATION OMIT UNIONS.



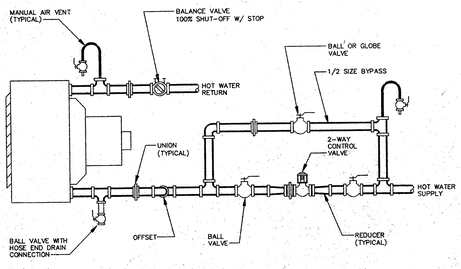
(DUCT MUST BE ABLE TO BREAK AWAY FROM F.D. FRAME IF DUCTS COLLAPSE OR ARE TORN DOWN BY FALLING STRUCTURE.)

TYPICAL VERTICLE FIRE DAMPER DETAIL

SCALE: NONE

PIPING PROCEDURE DETAILS

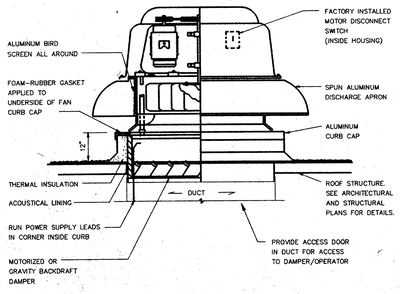
SCALE: NONE



HORIZ. HOT WATER UNIT HEATER PIPING DIAGRAM

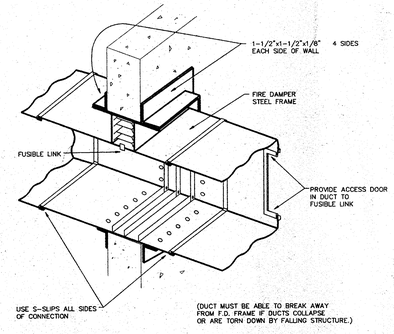
SCALE: NONE

NOTES:
1. THIS DETAIL IS DIAGRAMMATIC ONLY. ARRANGE PIPING TO FACILITATE COIL REMOVAL AND SO AS NOT TO OBSTRUCT ADJACENT EQUIPMENT. FOR FLANGED INSTALLATION OMIT UNIONS.



ROOF MOUNTED EXHAUST FAN DETAIL

SCALE: NONE



TYPICAL HORIZONTAL FIRE DAMPER DETAIL

SCALE: NONE

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MECHANICAL PART PLANS & DETAILS

SCALE: AS NOTED

DRAWING NUMBER
M8
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

ROOF TOP UNIT SCHEDULE

UNIT NO.	AREA SERVED	MANUFACTURER	MODEL & SIZE	TOTAL CFM	MIN. O.A. CFM	E.S.P.	SUP. FAN DATA			EXH. FAN HP	MOTOR DATA			DX COOLING COIL						HOT WATER HEATING COIL							NOM. TONS	OPER. WT. LBS.	REMARKS
							RPM	BHP	HP		HZ	PH	VOLTS	ENTERING D.B.	ENTERING W.B.	LEAVING D.B.	LEAVING W.B.	TOTAL M.B.H	SENS. M.B.H	ROWS	E.A.T.	L.A.T.	M.B.H.	GPM	W.P.D.	A.P.D.			
AC-1	AREA E	TRANE	TCD102B	3000	750	1.30	852	1.66	2.0	1/3	60	3	480	81.6	67.2	59.5	56.9	104.4	76.9								8.5	1315	DUCT MOUNTED HEATING COIL
AC-2	AREA E	TRANE	SXHCC25	9500	1900	1.75	1047	6.28	10.0	5.0	60	3	480	80.0	66.4	58.9	56.5	293.0	217.0								25.0	4200	DUCT MOUNTED HEATING COIL
AC-3	AREA A	TRANE	SXHCC30	9950	1990	1.75	863	5.84	10.0	5.0	60	3	480	82.3	68.7	59.8	57.8	352.0	242.0								30.0	4820	DUCT MOUNTED HEATING COIL
AC-4	AREA A	TRANE	SXHCC30	11,200	2240	1.75	876	6.85	10.0	5.0	60	3	480	82.3	68.7	61.3	59.0	358.0	255.0								30.0	4820	DUCT MOUNTED HEATING COIL
AC-5	AREA A	TRANE	TCB180B	5800	1160	2.00	1074	4.81	7.5	1/2	60	3	480	80.2	66.9	61.2	57.7	185.8	134.4								15.0	1645	DUCT MOUNTED HEATING COIL
AC-6	AREA A	TRANE	TCD240B	7200	1440	2.00	956	6.19	7.5	3/4	60	3	480	81.1	67.5	61.2	57.9	244.8	174.5								20.0	2130	DUCT MOUNTED HEATING COIL
AC-7	AREA A	TRANE	SXHCC30	9950	1990	1.75	863	5.84	10.0	5.0	60	3	480	82.3	68.7	59.8	57.8	352.0	242.0								30.0	4820	DUCT MOUNTED HEATING COIL
AC-8	AREA A	TRANE	SXHCC30	9600	1920	1.75	859	5.57	10.0	5.0	60	3	480	82.3	68.7	59.4	57.4	350.0	238.0								30.0	4820	DUCT MOUNTED HEATING COIL
AC-9	AREA B	TRANE	TCD102B	3000	750	1.30	852	1.66	2.0	1/3	60	3	480	81.6	67.2	59.5	56.9	99.2	71.7								8.5	1315	DUCT MOUNTED HEATING COIL
AC-10	AREA B	TRANE	TCD180B	6000	1200	2.00	1082	5.03	7.5	1/2	60	3	480	80.2	66.9	61.6	58.1	186.7	136.2								15.0	1645	DUCT MOUNTED HEATING COIL
AC-11	AREA B	TRANE	SXHCC55	14,000	3500	1.75	782	8.87	15.0	5.0	60	3	480	85.2	71.2	59.5	57.4	643.0	389.0								55.0	7520	DUCT MOUNTED HEATING COIL
AC-12	PLANETARIUM	TRANE	TCD102B	3200	800	2.00	1022	2.53	3.0	1/3	60	3	480	84.0	69.0	63.1	59.6	109.6	80.2								8.5	1315	DUCT MOUNTED HEATING COIL
AC-13	MALL/LOBBY	TRANE	SLHCC20	7000	1400	1.75	1012	4.47	7.5	3.0	60	3	480	81.6	68.0	60.6	58.0	225.0	159.0	2	57.0	103.5	352.7	25.0	1.16	.16	20.0	3950	DUCT MOUNTED HEATING COIL

PIPING LEGEND

HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
RL	REFRIGERANT LIQUID
RG	REFRIGERANT HOT GAS
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
	BRANCH OFF TOP OF MAIN
	BRANCH OFF BOTTOM OF MAIN
C.O.	CLEAN OUT (EVERY CHANGE > 45°)
	THERMOMETER
	THERMOSTAT (T'STAT)
	PRESSURE GAUGE
	BALANCE VALVE (B.V.)
	GATE VALVE (GT.V.)
	BALL VALVE
	CHECK VALVE
	GLOBE VALVE (GL.V.)
	BUTTERFLY VALVE
	OUTSIDE SCREW & YOKE (O.S. & Y.)
	AUTOMATIC CONTROL VALVE
	AIR VENT (MANUAL OR AUTO.)
	THREE WAY VALVE
	PRESSURE RELIEF VALVE
C.U.H.	CABINET UNIT HEATER
U.H.	UNIT HEATER

SHEET METAL LEGEND

	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN OR EXHAUST DUCT UP
	RETURN OR EXHAUST DUCT DN.
	EXISTING DUCT (SINGLE LINE)
	EXISTING DUCT (DOUBLE LINE)
	NEW DUCT (SINGLE LINE)
	NEW DUCT (DOUBLE LINE)
	ACOUSTIC LINED DUCT (DOUBLE LINE)
	DUCT TO BE REMOVED (SINGLE LINE)
V.D.	VOLUME DAMPER
F.D.	FIRE DAMPER
F.S.D.	FIRE SMOKE DAMPER
E.F.D. E.S.D.	ELEC. RELEASE SMOKE OR FIRE DAMPER
	SUPPLY AIR FLOW
	RETURN AIR FLOW
MD	MOTOR CONTROLLED DAMPER
	CONNECT TO EXISTING
	PNEUMATIC THERMOSTAT
	ELECTRONIC THERMOSTAT
	SMOKE DETECTOR
SP	STATIC PRESSURE SENSOR
C.S.R.	CEILING SUPPLY REGISTER
C.R.R.	CEILING RETURN REGISTER
C.S.R.	CEILING SUPPLY REGISTER
W.S.R.	WALL SUPPLY REGISTER
W.R.R.	WALL RETURN REGISTER
C.A.	COMBUSTION AIR
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
EXH.	EXHAUST AIR
A.H.U.	AIR HANDLING UNIT
C.U.H.	CABINET UNIT HEATER
U.H.	UNIT HEATER

DUCT MOUNTED HOT WATER COIL SCHEDULE

UNIT No.	UNIT SERVED	MANUFACTURER & MODEL	CFM	ROWS	NOM. TUBE LENGTH	TUBE FACE HEIGHT	E.A.T. °F	L.A.T. °F	FACE VEL.	APD	WPD	GPM	FINS/FT.	REMARKS
HW-1	AC-9	TRANE TYPE WC	3000	1	36"	24"	52.5	88.2	500	.08	1.37	12.3	107	1.) ALL COILS SHALL HAVE TURBULATORS
HW-2	AC-10	TRANE TYPE WC	1500	1	36"	12"	48.2	91.2	500	.10	1.73	7.4	129	2.) ALL COILS SHALL HAVE TRANE "PRIMA-FLO" TYPE FINS.
HW-3	AC-10	TRANE TYPE W	600	2	18"	12"	48.2	108.1	400	.10	.46	4.1	105	3.) COIL PERFORMANCE BASED ON 25% ETHYLENE GLYCOL/ 75% WATER MEDIA.
HW-4	AC-10	TRANE TYPE W	700	2	18"	12"	48.2	111.4	466	.15	.49	5.1	127	
HW-5	AC-10	TRANE TYPE WC	1200	1	30"	12"	48.2	91.2	480	.09	1.19	5.9	129	
HW-6	AC-10	TRANE TYPE WC	800	1	18"	12"	48.2	81.6	533	.10	.58	3.1	112	
HW-7	AC-10	TRANE TYPE WC	400	1	18"	12"	48.2	85.1	266	.02	.45	1.7	81	
HW-8	AC-10	TRANE TYPE WC	600	1	18"	12"	48.2	80.5	400	.05	.49	2.2	89	
HW-9	AC-11	TRANE TYPE W	600	2	12"	12"	33.9	81.5	600	.18	.43	3.3	90	
HW-10	AC-11	TRANE TYPE WC	450	1	12"	12"	33.9	74.9	450	.08	.47	21	124	
HW-11	AC-11	TRANE TYPE W	2000	2	48"	12"	33.9	108.1	500	.16	2.10	17.1	118	
HW-12	AC-11	TRANE TYPE W	2250	2	24"	24"	33.9	88.4	562	.16	.59	14.1	88	
HW-13	AC-11	TRANE TYPE W	2250	2	24"	24"	33.9	88.4	562	.16	.59	14.1	88	
HW-14	AC-11	TRANE TYPE W	500	2	12"	12"	33.9	94.6	500	.16	.43	3.5	117	
HW-15	AC-11	TRANE TYPE WC	450	1	12"	12"	33.9	74.9	450	.08	.47	2.1	124	
HW-16	AC-11	TRANE TYPE W	700	2	18"	12"	33.9	112.9	466	.19	.55	6.4	155	
HW-17A	AC-11	TRANE TYPE W	2250	2	48"	12"	33.9	88.8	562	.15	1.6	14.2	80	
HW-17B	AC-11	TRANE TYPE W	2250	2	48"	12"	33.9	88.8	562	.15	1.6	14.2	80	
HW-18	AC-1	TRANE TYPE WC	3000	1	36"	24"	52.5	88.2	500	.08	1.37	12.3	107	
HW-19	AC-2	TRANE TYPE WC	1500	1	36"	12"	55.3	98.3	500	.10	1.73	7.4	141	
HW-20	AC-2	TRANE TYPE WC	600	1	18"	12"	55.3	101.4	400	.08	.59	3.2	155	
HW-21	AC-2	TRANE TYPE W	700	2	18"	12"	55.3	111.9	466	.14	.47	4.6	117	
HW-22	AC-2	TRANE TYPE WC	1200	1	30"	12"	55.3	89.1	480	.08	.90	4.7	103	
HW-23	AC-2	TRANE TYPE WC	1400	1	36"	12"	55.3	83.5	466	.06	.92	4.5	80	
HW-24	AC-2	TRANE TYPE WC	400	1	18"	12"	55.3	89.9	266	.02	.44	1.6	81	
HW-25	AC-2	TRANE TYPE WC	900	1	24"	12"	55.3	96.3	450	.08	.78	4.2	131	
HW-26	AC-2	TRANE TYPE WC	600	1	18"	12"	55.3	93.7	400	.06	.53	2.7	119	
HW-27	AC-2	TRANE TYPE W	500	2	12"	12"	55.3	95.2	500	.12	.41	2.3	80	
HW-28	AC-2	TRANE TYPE WC	800	1	18"	12"	55.3	81.8	533	.08	.51	2.4	91	
HW-29	AC-3	TRANE TYPE WC	6000	1	72"	24"	56.8	87.5	500	.07	4.40	21.2	87	
HW-30	AC-3	TRANE TYPE WC	3950	1	72"	24"	56.8	88.5	330	.03	1.17	8.8	80	
HW-31	AC-4	TRANE TYPE WC	7200	1	72"	24"	55.9	82.5	600	.10	4.70	22.1	82	
HW-32	AC-4	TRANE TYPE WC	4000	1	72"	24"	55.9	82.6	333	.03	.63	4.5	80	
HW-33	AC-7	TRANE TYPE WC	3295	1	72"	24"	56.0	86.8	275	.02	.64	4.7	80	
HW-34	AC-7	TRANE TYPE WC	5705	1	72"	24"	56.0	85.9	475	.06	3.85	19.6	82	
HW-35	AC-8	TRANE TYPE WC	3360	1	72"	24"	56.0	89.5	280	.02	.89	6.8	80	
HW-36	AC-8	TRANE TYPE WC	6240	1	72"	24"	56.0	84.1	520	.07	4.03	20.2	80	
HW-37	AC-6	TRANE TYPE WC	1100	1	24"	12"	60.2	97.9	550	.13	.87	4.8	148	
HW-38	AC-6	TRANE TYPE WC	1500	1	36"	12"	60.2	97.7	500	.09	1.42	6.5	124	
HW-39	AC-6	TRANE TYPE WC	1200	1	24"	18"	60.2	98.6	400	.06	.72	5.3	118	
HW-40	AC-6	TRANE TYPE W	1100	2	24"	12"	60.2	102.1	550	.14	.52	5.3	81	
HW-41	AC-6	TRANE TYPE WC	600	1	12"	12"	60.2	89.4	600	.14	.46	2.0	140	
HW-42	AC-6	TRANE TYPE WC	1000	1	24"	12"	60.2	93.4	500	.09	.71	3.8	114	
HW-43	AC-6	TRANE TYPE W	600	2	12"	12"	60.2	95.0	600	.17	.41	2.4	80	
HW-44	HV-6	TRANE TYPE WC	3855	1	48"	24"	60.2	104.9	482	.10	3.19	19.9	148	
HW-45	HV-6	TRANE TYPE WC	3600	1	48"	24"	60.2	106.8	450	.09	3.05	19.3	149	
HW-46	HV-6	TRANE TYPE WC	3600	1	48"	24"	60.2	108.4	450	.11	3.34	20.4	167	
HW-47	HV-6	TRANE TYPE WC	5600	1	60"	24"	60.2	104.2	560	.15	6.61	28.3	161	
HW-48	HV-7	TRANE TYPE WC	10,000	1	60"	42"	49.7	97.8	571	.16	7.29	55.4	165	
HW-49	AC-14	TRANE TYPE WC	6000	1	66"	33"	49.5	83.6	396	.05	2.64	23.6	81	
HW-50	HV-3	TRANE TYPE WC	7400	1	60"	30"	51.0	94.6	592	.14	6.29	37.2	145	
HW-51	AC-15	TRANE TYPE WC	8400	1	114"	48"	37.0	91.9	222	.02	8.48	53.1	87	
HW-52	HV-1	TRANE TYPE WC	18,600	1	114"	48"	62.0	90.2	490	.07	10.08	60.4	80	
HW-53	HV-5	TRANE TYPE WC	5300	1	60"	24"	51.0	92.9	530	.10	5.51	25.6	125	
HW-54	HV-5	TRANE TYPE WC	2400	1	36"	18"	51.0	92.9	533	.11	2.10	11.6	135	
HW-55	AC-13	TRANE TYPE W	7000	2	60"	30"	57.0	103.5	560	.16	1.16	25.0	89	IN UNIT AC-13. SEE ABOVE.
HW-56	AC-12	TRANE TYPE WC	3200	1	36"	24"	49.0	79.0	533	.08	1.19	11.0	87	
HW-57	AC-12	TRANE TYPE WC	300	1	12"	12"	60.0	90.0	300	.03	.41	1.0	86	
HW-58	HV-2	TRANE TYPE WC	18,600	1	72"	56"	62.0	85.8	664	.11	6.46	51.0	80	
HW-59	AC-5	TRANE TYPE WC	5800	1	42"	36"	62.0	98.6	552	.11	1.86	24.4	128	

DIFFUSER & REGISTER SCHEDULE

TYPE	MANUFACTURER	MODEL	LENGTH, PATTERN, & No. OF SLOTS	REMARKS
WSR-1	TITUS	272 FS	30" X 10"	SUPPLY
WSR-2	TITUS	272 FS	8"x4"	SUPPLY
WRR-1	TITUS	350 FL	14"x8"	RETURN
WRR-2	TITUS	350 FL	6"x6"	RETURN

HOT WATER PUMP SCHEDULE

UNIT No.	MANUFACTURER	MODEL	SIZE	GPM	HEAD (FT.)	BHP	MOTOR HP	MOTOR PH	MOTOR VOLTS	MOTOR RPM	REMARKS
HWP-1	BELL & GOSSETT	1510	3E	400	90	11.8	15	3	460	1750	SIZED FOR FUTURE DOMESTIC HOT WATER LOAD.
HWP-2	BELL & GOSSETT	1510	3E	400	90	11.8	15	3	460	1750	SIZED FOR FUTURE DOMESTIC HOT WATER LOAD.

CABINET/ UNIT HEATER SCHEDULE

UNIT No.	LOCATION	MANUFACTURER	MODEL & SIZE	MBH	GPM	CFM	MOTOR HP	MOTOR PH	MOTOR VOLTS	REMARKS
UH-1	BOILER ROOM	TRANE	12G – W2	97.1	10.0	1660	1/6	1	120	W/TURBS & 132 FPF COIL SERIES
CUH-1	AREA A VEST.	TRANE	E46A002	19.0	2.0	200	1/30	1	120	W/G9 MOTOR, T'-STAT, DISC.
CUH-2	AREA A VEST.	TRANE	E46A002	19.0	2.0	200	1/30	1	120	W/G9 MOTOR, T'-STAT, DISC.

EXHAUST/SUPPLY FAN SCHEDULE

FAN No.	LOCATION	MANUFACTURER MODEL & SIZE	CFM	TOTAL S.P.	FAN RPM	BHP	MOTOR HP	MOTOR PH	MOTOR VOLTS	MOTOR RPM	REMARKS
SF-1	BOILER ROOM	GREENHECK BSQ-140	3300	.625"	1930	1.41	1.5	3	460	1760	INTERLOCK TO RUN WHENEVER BOILER OPERATES
EF-1	BOILER ROOM	GREENHECK SPF 20	3300	.125"	850	.24	1/4	1	120	1760	INTERLOCK TO NOT RUN WHENEVER BOILER OPERATES & BY TEMPERATURE
EF-2	POOL EQUIP. ROOM	GREENHECK LBP 10-4	750	.375"	1150	.10	1/4	1	120	1760	W/BACKDFT DAMPER & ROOF CURB
EF-3	AREA A-PREP/STOR	PENN FUMEX FMX9RL	350	.35"	1440	–	1/10	1	120	1760	W/ " DAMPER & ROOF CURB 24HR. OPER.
EF-4	AREA A-FUME HOOD	PENN FUMEX FMX15QL	1420	.75"	1280	.34	3/4	1	120	1760	W/ " DAMPER & ROOF CURB
EF-5	AREA A-FUME HOOD	PENN FUMEX FMX15QL	1420	.75"	1280	.34	3/4	1	120	1760	W/ " DAMPER & ROOF CURB
EF-6	BATT. CHARGE	GREENHECK LPD 70-E	150	.125"	1050	.008	1/100	1	120	1760	W/ " DAMPER & ROOF CURB

BOILER SCHEDULE

UNIT No.	MANUFACTURER MODEL & SIZE	I-B-R BURNER INPUT CAPACITY OIL (GPH)	GROSS I-B-R OUTPUT (BTUH)	NET I-B-R RATING (BTUH)	BURNER-WEBSTER JB2-0-50 HP	VOLTS	PH	RPM	REMARKS
B-1	WEIL-McLAIN 1894 WF	42.5	4,940,000	4,295,700	5	460	3	3450	
B-2	WEIL-McLAIN 1894 WF	42.5	4,940,000	4,295,700	5	460	3	3450	

CONDENSING UNIT SCHEDULE

UNIT No.	MANUFACTURER & MODEL	TOTAL CAPACITY MBH	AMBIENT TEMP. °F.	STAGES OF UNLOADING	No. OF COMPRESSORS	UNIT F.L.A. TOTAL	HZ	ø	VOLTS	REMARKS
CU-1	TRANE RACV C40	480	95°	4	4	79.6	60	3	460	FOR UNIT AC-15
CU-2	TRANE TTA 090	90.3	95°	1	1	14.9	60	3	460	FOR UNIT AC-14

DRAWING NAME: MSCHED
PROJECT No.: 92140.00
PLOT SCALE: 1/8"=1'-0"
DRAWN BY: JML/REA
PLOT DATE: 01/18/93

REVISED 03/24/93

PLAN NORTH

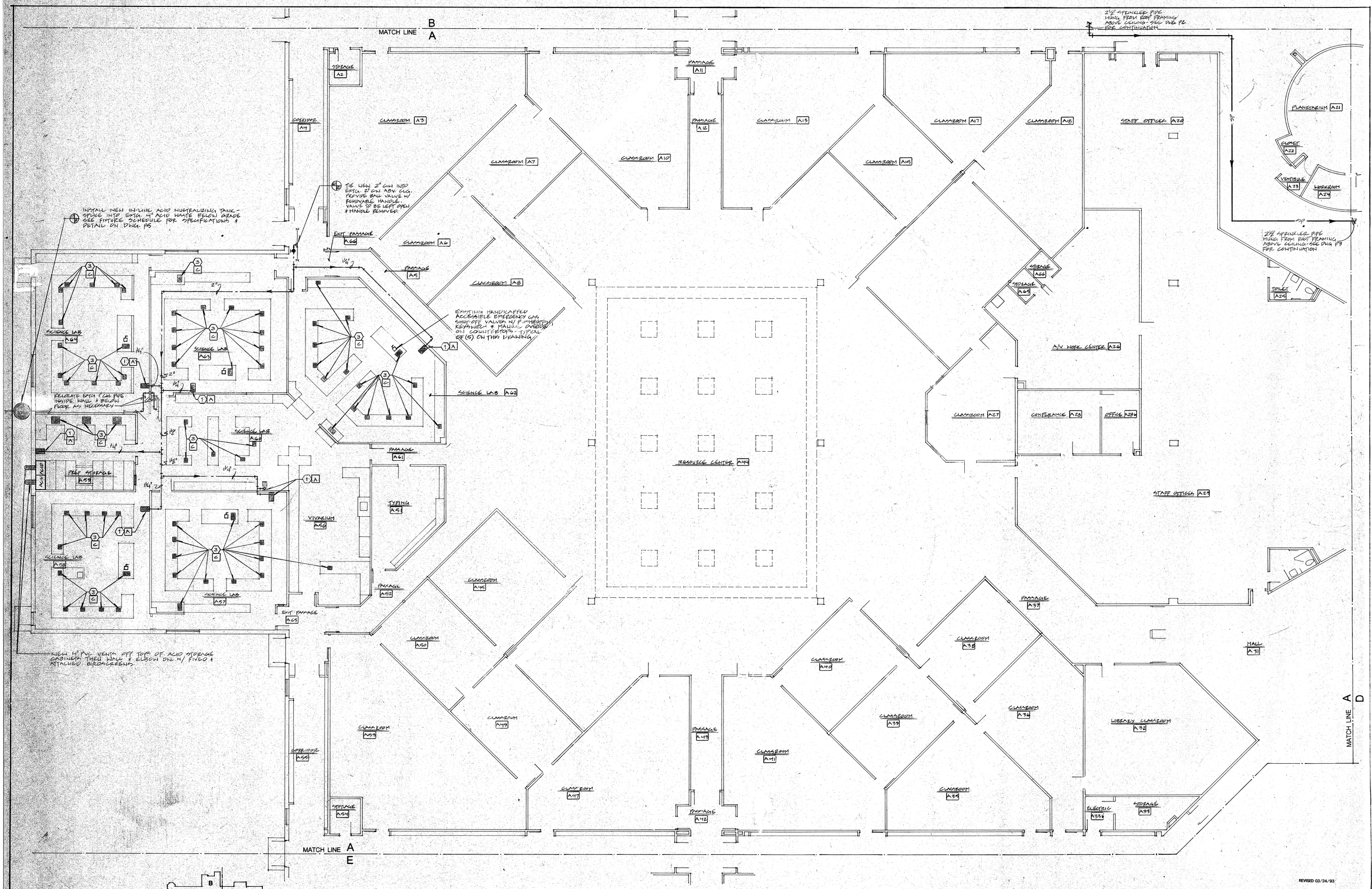
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS # 92140.00

NATALE & STOUTENBURG, ARCHITECTS
P.O.BOX 251   529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

MECHANICAL SCHEDULES
NOT TO SCALE

DRAWING NUMBER
M9
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



REVISED 03/24/93

PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS #92140.00

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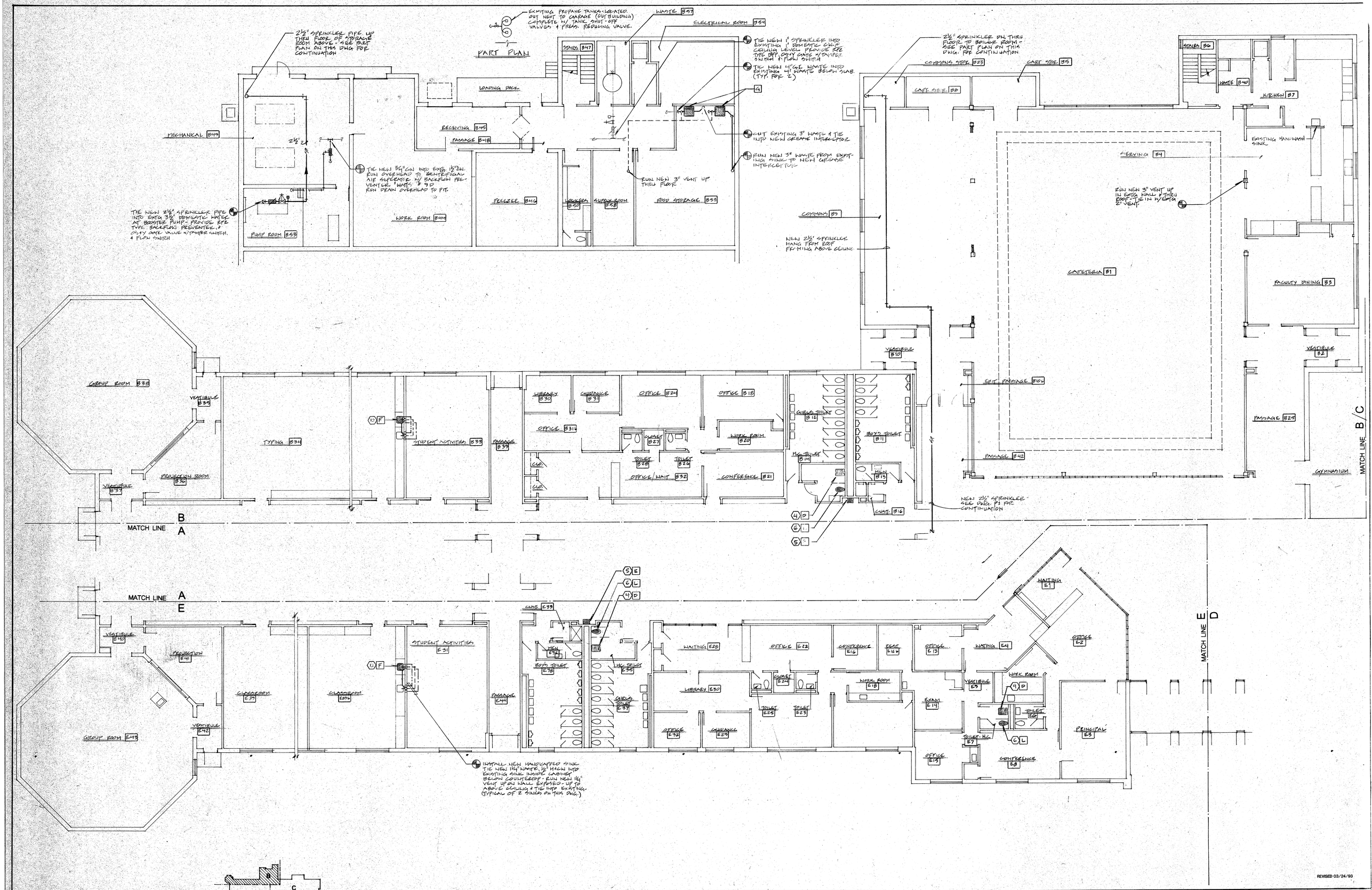
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

PLUMBING FLOOR PLAN
SECTION 'A'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
P1
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



REVISED 03/24/93

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS #92140.00

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

PLUMBING FLOOR PLAN
SECTIONS 'B' & 'E'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
P2
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

MATCH LINE B C

MATCH LINE A C

MATCH LINE C D

PLANETARIUM A1

WORK ROOM A2

CLOSET C51

VESTIBULE C52

MALL C53

GYMNASIUM C1

CORRIDOR C3

VESTIBULE C2

UNIFORM C4

TEAM C5

PASSAGE C10

HS. BOY'S LOCKER ROOM C6

TOILET C7

DRY C8

SHOWER C9

VESTIBULE C17

TRAINING C11

OFFICE C12

TEACHER LR. C15

PASSAGE C16

HS. BOY'S LOCKER ROOM C13

FOYER C56

SHOWER C14

DRY C18

STORAGE C19

TOILET C20

STORAGE C21

EXERCISE C22

TEACHER LR. C23

OFFICE C24

STORAGE C25

TEAM C26

STORAGE C27

STORAGE C28

HS. GIRLS LR. C29

TOILET C30

DRY C31

SHOWER C32

SHOWER C33

DRY C34

TOILET C35

HS. GIRLS LR. C36

SHOWER C38

DRY C40

GIRLS LOCKER ROOM C42

CORRIDOR C31

POOL C53

TOILET C41

OFFICE C44

TOILET C47

STORAGE C45

DRY C48

SHOWER C49

VESTIBULE C46

PASSAGE C43

BOY'S LOCKER ROOM C50

VESTIBULE C52

MECHANICAL ROOM C57

TIE IN NEW 1½" CW TO EXIST 2" CW @ HIGH LEVEL

FIRE DEPT. SIAMESE CONNECTION LABELED "DRY STANDPIPE" AS REQ. PER LOCAL FIRE DEPT. REQUIREMENTS

4" STANDPIPE HUNG FROM ROOF FRAMING ABOVE CEILING

2½" SPRINKLER PIPE HUNG FROM ROOF FRAMING ABOVE CEILING - SEE DWG. P1 FOR CONTINUATION

2½" CONNECTION FROM STANDPIPE LINE TO SPRINKLER LINE PROVIDE CHECK VALVE & OS&Y GATE VALVE - PAINTED RED, & TAGGED W/ TAG THAT READS "SPRINKLER VALVE - MUST REMAIN OPEN UNLESS CLOSED BY FIRE DEPARTMENT."

2½" SPRINKLER PIPE HUNG FROM ROOF FRAMING IN FAN/MECHANICAL ROOM - SEE DWG P4 FOR CONTINUATION

4" STANDPIPE HUNG FROM ROOF FRAMING IN FAN/MECHANICAL ROOM - SEE DRAWING P4 FOR CONTINUATION

ELBOW DN - 8'-0" ±

ELBOW DN - 8'-0" ±

KEY PLAN

PLAN NORTH

REVISED 03/24/93

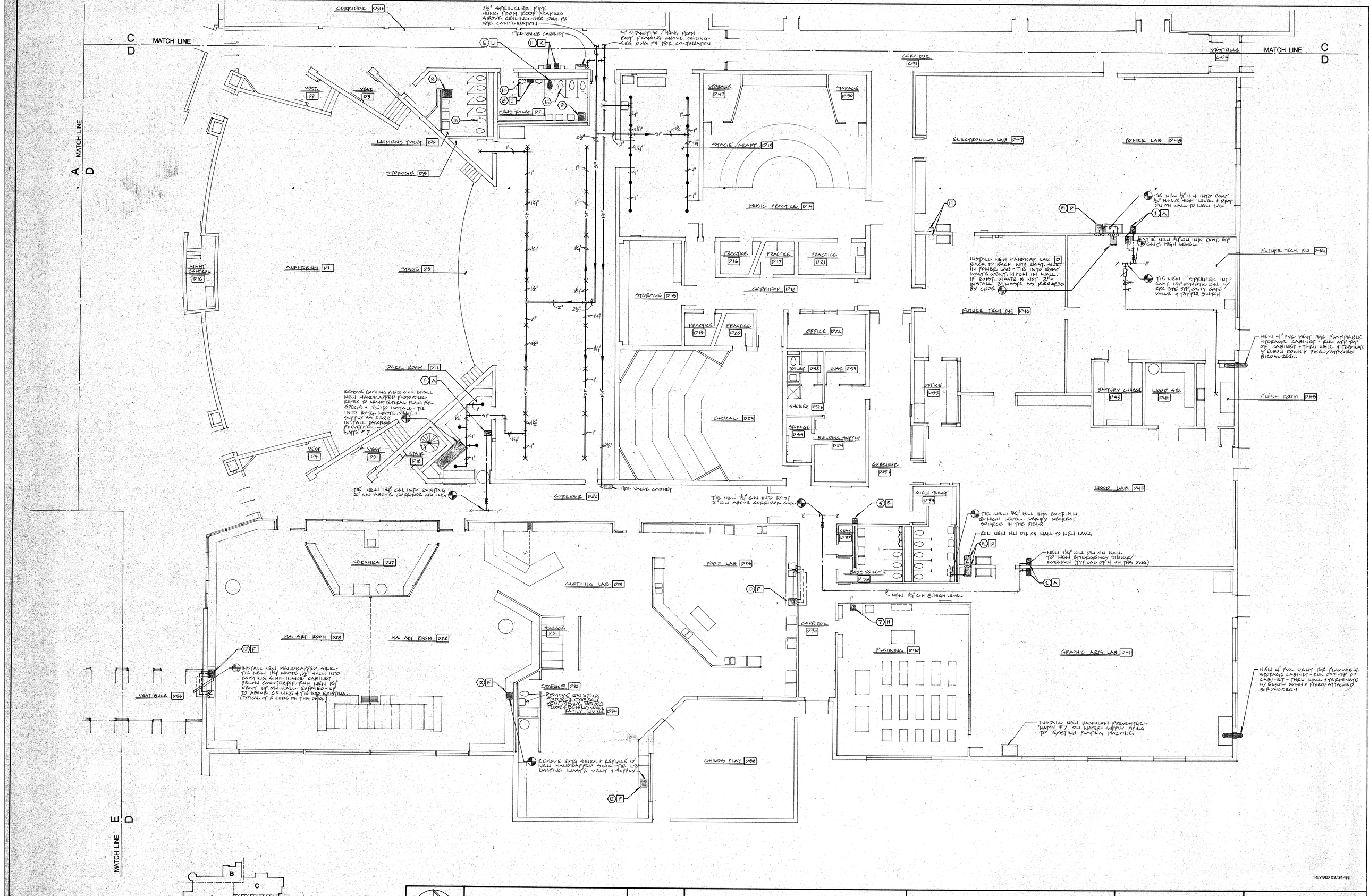
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS #92140.00

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

PLUMBING FLOOR PLAN
SECTION 'C'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
P3
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



PLAN NORTH

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS #92140.00

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

PLUMBING FLOOR PLAN
SECTION 'D'
SCALE: 1/8" = 1'-0"

DRAWING NUMBER
P4
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

PLUMBING KEY NOTES

1. Install new handicap emergency shower/eyewash - bolt to floor and provide wall support bracket. See fixture schedule for specifications.

3. Install new vacuum breakers on existing gooseneck faucets. See fixture schedule for specifications.

4. Remove existing lavatory, and replace, with new handicap lavatory. Provide new carrier. See fixture schedule for specifications.

5. Remove existing water cooler, and replace with new handicap water cooler. Provide new carrier. See fixture schedule for specifications.

6. Install new 2" handicap lift seat on existing toilet.

7. Remove existing drinking fountain and replace with new handicap drinking fountain. Provide new carrier. See fixture schedule for specifications.

8. Remove existing urinal flush valve, replace with new flush valve. See fixture schedule for specifications.

9. Remove existing handicap lavatory faucet only and replace with new handicap lavatory faucet. Install new insulating kit to exposed drain and supply piping below lavatory. Faucet shall be Delta #516 WF HDF.

10. Install new handicap hand held shower spray unit. See fixture schedule for specifications.

11. Remove existing water cooler and replace with new handicap BI-level water cooler. See fixture schedule for specifications.

12. Install new handicap sink. Tie into existing waste vent and supply piping as necessary for new fixture. See fixture schedule for specifications.

13. Remove existing drinking fountain - cap waste vent and supply piping behind wall.

14. Remove existing drinking fountain and install new handicap lavatory. Provide new carrier. See fixture schedule for specifications.

15. Remove existing toilet - cap sanitary vent and supply piping below floor and behind wall.

16. Remove existing urinal - cap sanitary, vent and supply piping behind wall.

NOTE: GENERAL CONTRACTOR SHALL CUT & PATCH EXISTING WALLS AS NECESSARY. PLUMBING CONTRACTOR SHALL PROVIDE & INSTALL ALL WATER, VENT, HIGH SUPPLY, FITTINGS ACCESSORIES, INSULATION ETC. REQUIRED FOR COMPLETE INSTALLATION OF NEW FIXTURES AS SPECIFIED.

PLUMBING FIXTURE SCHEDULE

A. HANDICAP EMERGENCY SHOWER/EYEWASH

"Haws" #8200 WC, ABS plastic head, instant action, stay open, chrome plated brass ball valve with stainless steel pull rod, 30 GPM flow control, ABS plastic eyewash bowl with wrap-around spray head, one piece instant opening dust cover, push flag actuator and internal foam filters.

C. IN-LINE VACUUM BREAKERS

"Watts" #NLF9, chrome-plated brass body, stainless steel trim with soft rubber diaphragm and disc.

D. HANDICAP LAVATORY

"Crane" #1H-364, high back, contoured front, shallow front basin, vitreous china, drilled for concealed arm carrier 4" faucet centers with "Delta" #516 WF HDF single lever faucet, with metal grid strainer and .5 GPM aerator.

Provide C.P. brass P-trap and C.P. supplies with stops and "True-Bro" Handi-Lav-Guard Insulating Kit #102. Flexible vinyl in white and with "Jay R. Smith" #700-27-M31 floor mounted lavatory support with 1" X 3" pro-set uprights.

E. HANDICAP WATER COOLER

"Haws" #HWCA8, heavy gauge steel cabinet with standard "Sahara" baked enamel finish, stainless steel basin and splashback with satin finish. One piece chrome-plated bubbler, adjustable stream regulator, front push-bar actuator, 11.9 GPH OF 40° water at 70° inlet temperature and 70° ambient temperature 115 V, 60 HZ, 1 phase, five year warranty. Install with "Jay R. Smith" #800 floor-mounted type support with concealed hanger.

F. HANDICAP SINK

"Just" #KE-2225-A-GR, 18-GA. stainless steel 22" X 25" X 4" deep with 8" centers and "Delta" #100 single lever, washerless, deck-mounted, swing spout faucet with optional 6" elbow handle, and 2 GPM aerator. "Just" #J-35FS grid strainer. P.C. to provide tailpiece, offset drain, cast brass P-trap and C.P. supplies with stops. Insulate exposed drain and supply piping below sink. Install "Jay R. Smith" #8714 solids interceptor in drain piping.

G. GREASE INTERCEPTOR

Rockford #GIS-40 (2 bay sink) #GIS-50 (3 bay sink) heavy duty steel, removable screen, 30" x 30", 4" inlet/outlet, 3" vent internal flow control. GIS-40 - 75 GPM, 180# grease capacity. GIS - 50 - 100 GPM, 250# grease capacity.

H. HANDICAP DRINKING FOUNTAIN

"Haws" #1107 BP, stainless steel, chrome-plated bubbler, self-closing pushbutton valve, automatic stream regulator with "Jay R. Smith", #824 floor-mounted support with concealed wall brackets.

I. HANDICAP URINAL FLUSH VALVE

Sloan "Royal" #186-1 Flush Valve, 1 gallon per flush.

J. HANDICAP HAND HELD SHOWER SPRAY

"Symmons" #-FS with 5'-0" metal hose, in-line vacuum breaker, and wall hook for fixed position, 2.5 GPM flow control.

K. BI-LEVEL HANDICAP WATER COOLER

"Haws" #HWDFS8-2, heavy-gauge stainless steel with satin finish, with heavy gauge galvanized steel mounting frame, one piece polished chrome bubblers, self-closing push button actuators, automatic stream regulator, 12.7 GPH of 40° water at 70° inlet temperature and 70° ambient temperature, 115 V, 60 HZ, 1 phase.

L. HANDICAP TOILET SEAT

"Olsonite" #L-210 CC AM SS, 2" lift, elongated, open front, with self-sustaining, anti-microbial feature.

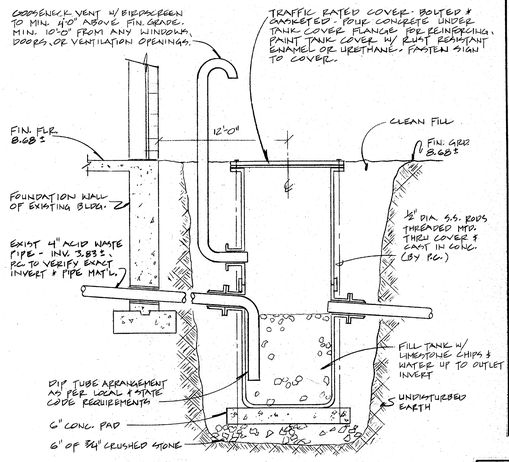
NOTE: Refer to Architectural Drawings for fixture mounting heights.

SCHEDULE OF SIZES FOR ROUGHING FOR PLUMBING FIXTURES

FIXTURES USED ARE INDICATED BY A CHECK (✓)

	WATER CLOSET – TANK TYPE	1/2" C.W.	4" S.	2" V.
	WATER CLOSET – FLUSH VALVE	1" C.W.	4" S.	2" V.
✓	URINAL – WASH DOWN	3/4" C.W.	2" W.	1½" V.
	URINAL – BLOW OUT	1" C.W.	2" W.	1½" V.
	SERVICE SINK	1/2" H. & C.W.	3" W.	1½" V.
	SERVICE RECEPTOR	1/2" H. & C.W.	3" W.	1½" V.
✓	LAVATORY	1/2" H. & C.W.	1½" W.	1½" V.
✓	CLASSROOM SINK	1/2" H. & C.W.	1½" W.	1½" V.
✓	DRINKING FOUNTAIN	1/2" C.W.	1½" W.	1½" V.
✓	WATER COOLER	1/2" C.W.	1½" W.	1½" V
	SHOWER STALL	1/2" H. & C.W.	2" W.	1½" V
	HOSE BIBB OR WALL HYDRANT	3/4" C.W.		
	WASH DOWN FAUCET	1/2" H. & C.W.		
	KITCHENETTE UNIT	1/2" H. & C.W.	2" W.	1½" V.
	LABORATORY SINK	1/2" H. & C.W.	1½" W.	1½" V
✓	EMERGENCY SHOWER/EYEWASH	1¼"/GAL		

NOTE: FURNISH AND INSTALL STOP VAVES ON SUPPLIES TO EACH PLUMBING FIXTURE.



ACID NEUTRALIZING TANK DETAIL

NOT TO SCALE

ACID NUETRALIZING TANK SHALL BE "TOWN & COUNTRY", HIGH DENSITY POLYETHYLENE # NT-275, 275 GALLON CAPACITY, 42" DIAMETER, 48" HIGH W/ 18" EXTENSION FACTORY WELDED, INCLUDING HEAVY TRAFFIC COVER & STANDARD FLANGE INLET, OUTLET, & VENT CONNECTIONS. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXACT PIPING, INVERT ELEVATIONS, & MATERIAL OF EXISTING PIPES. HE SHALL ALSO BE RESPONSIBLE FOR DETERMINING ADAPTOR TYPES, & FOR FILLING THE TANK W/ THE REQUIRED LIMESTONE CHIPS & WATER TO PLACE TANK IN SERVICE. LIMESTONE CHIPS SHALL BE MANUFACTURED BY "TOWN & COUNTRY" & OF THE HIGH CALCIUM CARBONATE TYPE & SIZE AS SPECIFICALLY SUITED FOR THIS PURPOSE. ADDITIONAL CHIPS MUST ALSO BE SUPPLIED TO THE OWNER IN SUFFICIENT QUANTITY TO PERFORM TWO ADDITIONAL TANK FILLINGS. PROVIDE A PH TEST KIT TO THE OWNER W/ INSTRUCTIONS FOR PROPER TEST & TANK MAINTANANCE PROCEDURES. A SIGN SHALL BE PROVIDED & FASTENED TO THE TANK COVER. THE SIGN SHALL READ:

"IMPORTANT"

BASIN MUST BE INSPECTED FREQUENTLY AND NEUTRALIZING AGENT REPLACED WHEN NECESSARY. FAILURE TO DO SO MAY RESULT IN SERIOUS DAMAGE TO PIPING SYSTEM.

PLUMBING LEGEND

	STORM (ST), SANITARY (SAN) ABOVE GROUND
SAN	SANITARY LINE BURIED (LONG DASHES)
ST	STORM LINE BURIED (LONG DASHES)
	VENT LINE
AW	ACID WASTE LINE
AV	ACID VENT LINE
	COLD WATER (C.W.)
	HOT WATER (H.W.)
	HOT WATER CIRCULATING (H.W.C.)
G	GAS LINE
A	COMPRESSED AIR LINE
OX	OXYGEN LINE
NO	NITROUS OXIDE
V	VACUUM LINE
R.T.	RUNNING TRAP
C.O.	CLEANOUT (C.O.)
C.O.	CLEANOUT WITH ACCESS FROM ABOVE
	STRAINER – 'Y' TYPE
	BALANCE VALVE (B.V.)
	GATE VALVE (GT.V.)
	BALL VALVE
	CHECK VALVE
	GLOBE VALVE (GL.V.)
	GAS COCK
B.W.V.	BACK WATER VALVE
	BUTTERFLY VALVE
	PRESSURE REDUCING VALVE (P.R.V.)
	OUTSIDE SCREW & YOKE (O.S. & Y.)
	WALL HYDRANT (W.H.) OR HOSE BIBB (H.B.)
	PRESSURE RELIEF VALVE
B.F.P.	BACK FLOW PREVENTER
	GAS, AIR, VAC TURRET (4 WAY)
	AREA(A.D.), ROOF(R.D.), OR FLOOR(F.D.) DRAIN
V.T.R.	VENT THRU ROOF
A.V.T.R.	ACID VENT THRU ROOF
C.I.	CAST IRON
R.L.	RAIN LEADER
S.S.	SOIL STACK
W.S.	WASTE STACK
V.S.	VENT STACK
W. & V.	WASTE & VENT
	WATER CLOSET – WALL HUNG (W.C.)
	URINAL – STALL OR WALL (UR.)
	WATER CLOSET – FLOOR OUTLET (W.C.)
	WATER CLOSET – TANK TYPE (W.C.)
	SHOWER HEAD
	LAVATORY (LAV.)
	WATER COOLER (E.W.C.), (D.F.) – RECESSED
	DRINK. FOUNT. (D.F.), (E.W.C.) SURFACE MOUNTED
	SERVICE SINK (S.S.), SERVICE RECEPTOR (S.R.)
	SINK – CLASSROOM OR KITCHEN
	CONNECT TO EXISTING

FIRE PROTECTION LEGEND

SP	SPRINKLER LINE
F	FIRE LINE
FSP	FIRE STANDPIPE LINE
	PENDENT SPRINKLER HEAD (NEW, EXIST.)
	UPRIGHT SPRINKLER HEAD (NEW, EXIST.)
	SIDEWALL SPRINKLER HEAD (NEW, EXIST.)
	RELOCATE EXISTING HEAD (PENDENT)
	CHECK VALVE
	ALARM CHECK VALVE
	DRY PIPE VALVE
	WATER MOTOR ALARM
	ELECTRIC ALARM BELL
FS	SPRINKLER FLOW SWITCH
	GATE VALVE
	O.S.& Y. GATE VALVE
	FIRE HYDRANT
TAMPER	TAMPER SWITCH
	BUTTERFLY VALVE
	FIRE DEPARTMENT CONNECTION
F.S.P.	FIRE STAND PIPE
F.H.C.	FIRE HOSE CABINET
F.V.C.	FIRE VALVE CABINET
F.H.V.	FIRE HOSE VALVE
A.S.R.	SPRINKLER RISER
	CONNECT TO EXISTING

STANDPIPE EQUIPMENT LIST

1) FIRE VALVE CABINETS SHALL BE "POTTER-ROEMER" #1835 SURFACE MOUNT, VALVES SHALL BE #4065 2½" ANGLE, FEMALE x MALE, W/ADAPTOR & W/THREADS CONFIGURATION AS PER LOCAL FIRE DEPARTMENT REQUIREMENTS.
2) FIRE DEPARTMENT SIAMESE CONNECTION SHALL BE "POTTER ROEMER" # 5753, 4"x2½", TWO WAY, DOUBLE CLAPPER, WALL MOUNTED W/ PIN LUG SWIVELS, PLUGS & CHAINS, CAST BRASS WALL PLATE LABELED "DRY STANDPIPE". COORDINATE HOSE THREADS W/ LOCAL FIRE DEPT. REQUIREMENTS.
3) PROVIDE SIGN FOR EACH FIRE VALVE CABINET THAT READS "DRY STANDPIPE FOR FIRE DEPT. USE ONLY.

REVISED 03/24/93

PLAN NORTH

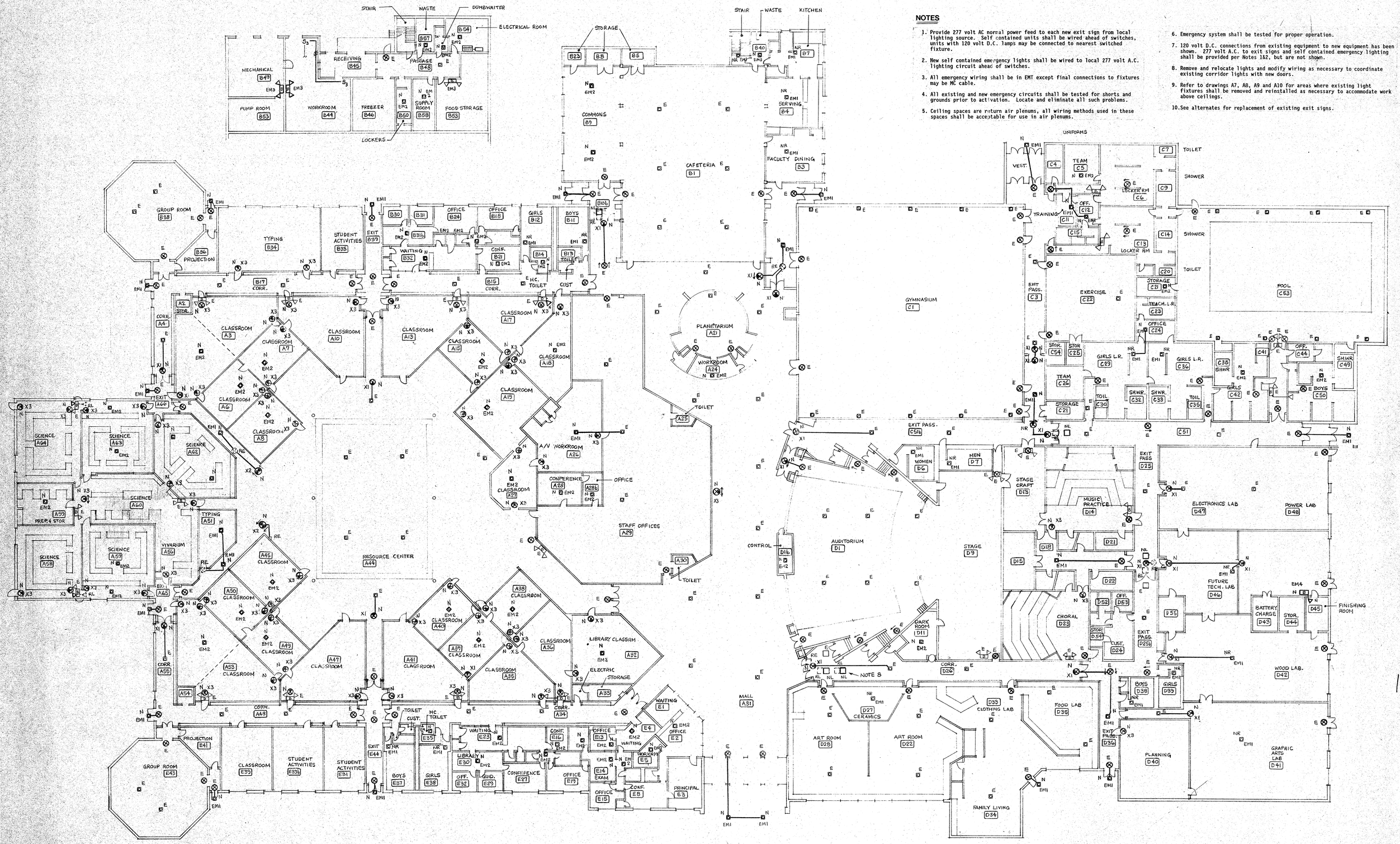
VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZHS #92140.00

NATALE & STOUTENBERG, ARCHITECTS
P.O. BOX 251 529 MAIN STREET
NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

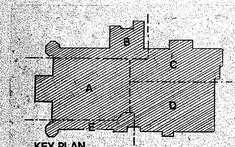
PLUMBING SCHEDULES & DETAILS

DRAWING NUMBER
P5
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



NOTES

1. Provide 277 volt AC normal power feed to each new exit sign from local lighting source. Self contained units shall be wired ahead of switches, units with 120 volt D.C. lamps may be connected to nearest switched fixture.
2. New self contained emergency lights shall be wired to local 277 volt A.C. lighting circuit ahead of switches.
3. All emergency wiring shall be in EMT except final connections to fixtures may be MC cable.
4. All existing and new emergency circuits shall be tested for shorts and grounds prior to activation. Locate and eliminate all such problems.
5. Ceiling spaces are return air plenums, all wiring methods used in these spaces shall be acceptable for use in air plenums.
6. Emergency system shall be tested for proper operation.
7. 120 volt D.C. connections from existing equipment to new equipment has been shown. 277 volt A.C. to exit signs and self contained emergency lighting shall be provided per Notes 1&2, but are not shown.
8. Remove and relocate lights and modify wiring as necessary to coordinate existing corridor lights with new doors.
9. Refer to drawings A7, A8, A9 and A10 for areas where existing light fixtures shall be removed and reinstalled as necessary to accommodate work above ceilings.
10. See alternates for replacement of existing exit signs.



REVISED 03/24/93

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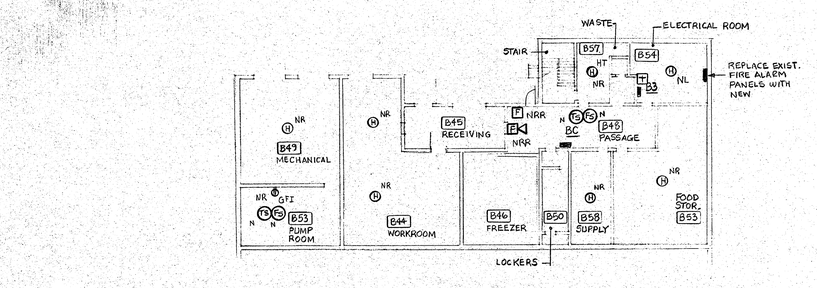
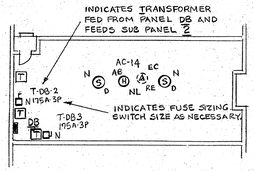
CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

ELECTRICAL FLOOR PLAN
EMERGENCY AND
EXIT LIGHTING
SCALE: 1/16"=1'-0"

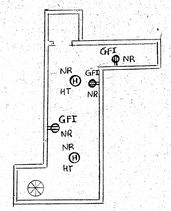
DRAWING NUMBER
E1
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93



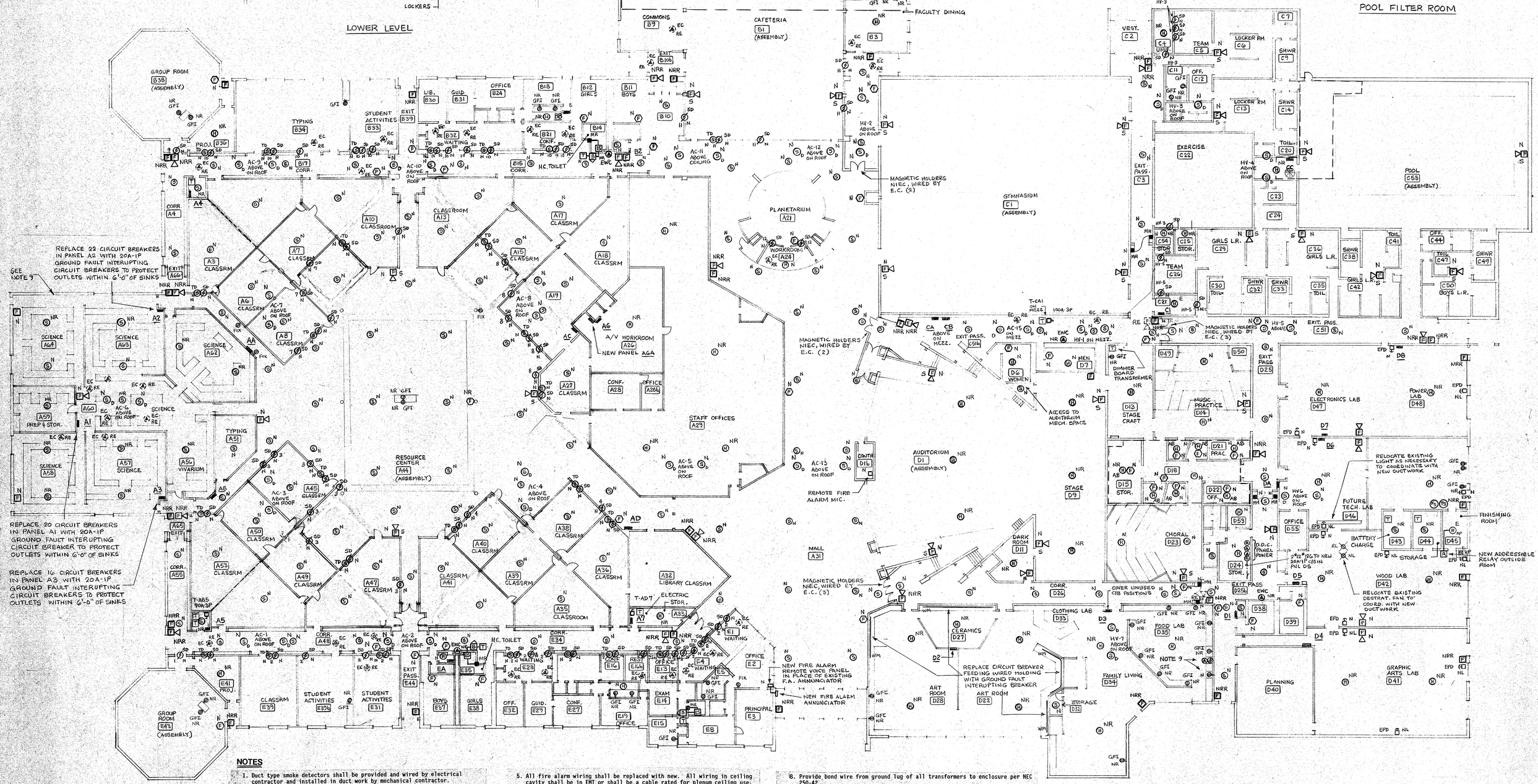
LOWER LEVEL



AUDITORIUM MEZZANINE

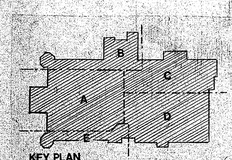


POOL FILTER ROOM



NOTES

1. Duct type smoke detectors shall be provided and Wired by electrical contractor and installed in duct work by mechanical contractor.
2. Fire alarm manual pull stations shall be replaced with new and be lowered to 48" AFF as necessary to meet ADA requirements.
3. Fire alarm speaker/light alarms shall be replaced with new and be lowered to 80" AFF or 6" down from ceiling whichever is lower. Move existing as necessary to meet ADA requirements.
4. All fire alarm audible/visual alarms shall be rewired from new fire alarm control panel.
5. All fire alarm wiring shall be replaced with new. All wiring in ceiling cavity shall be in EMT or shall be a cable rated for plenum ceiling use.
6. GFI indication by receptacles may be accomplished either by GFI circuit breaker on that circuit in the panelboard or a GFI receptacle. All protected receptacles shall have "GFI" lamicore label. (see specs)
7. Magnetic door holders - provide operating power from spare circuit in nearest 120 volt panelboard. Provide new C/B, wiring, boxes and connections as necessary.
8. Provide bond wire from ground lug of all transformers to enclosure per NEC 250-42.
9. Relocate power outlets for relocated range and range hood/microwave as necessary. Provide new duplex outlet 42" AFF for refrigerator, wired via 2#12, 3/4" C to new 20A-1P C/B in panel D3.
10. Remove electric coils and all associated devices where indicated. Pull wire back to source.
11. New smoke dampers shall be held open by fire alarm system and released by local duct smoke alarm or smoke alarm at source AHU (indicated by sub-number; i.e. 1 = AC-1). Wire dampers in each area to a new 20A-120 VAC circuit W/2#12 egress from local 120 volt power panel (max. 24 dampers per circuit).
12. All electrical convenience receptacles within 6'-0" of sinks shall have GIF protection



KEY PLAN

PLAN NORTH

REVISED 03/24/93

VAN ZELM, HEYWOOD, AND SHADFORD
29 SOUTH MAIN STREET
WEST HARTFORD, CT 06107
VZH&S # 92140.00

NATALE & STOUTENBERG, ARCHITECTS
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NEW HARTFORD, CONNECTICUT 06057

CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

ELECTRICAL FLOOR PLAN
POWER AND FIRE ALARM

SCALE: 1/16"=1'-0"

DRAWING NUMBER
E2
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

NOTES

1. Existing lighting circuiting shown is from original contract drawings and is not "As Built". This information is given to establish approximate scope of work and final circuiting intent. Contractor shall investigate and provide changes to result in the circuit interconnections as indicated.
2. Remove, store, clean, reinstall and relamp fixtures indicated. Reinstall existing fixtures where new locations are indicated. Replacement lamps shall match others in the area for color. Existing fixtures not reinstalled shall be turned over to the school.
3. Provide 4 support wires from structure to all fixtures installed and relocated under this project.
4. Refer to drawings A7, A8, A9 and A10 for areas where existing light fixtures shall be removed and reinstalled or supported from structure to remain in place as necessary to accommodate work above ceilings.
5. Refer to drawing E1 for exit and emergency lighting this areas.

MATCH LINE B A

EXIT PASSAGE B39

STORAGE A2

CORRIDOR A4

EXIT PASSAGE A66

CLASSROOM A10

CLASSROOM A3

CLASSROOM A7

CLASSROOM A6

CLASSROOM A8

TO PANEL AA

CLASSROOM A15

CLASSROOM A17

CLASSROOM A14

CLASSROOM A18

TYPICAL FIXTURE WITH 2 LAMPS WIRED TO BE ON 24 HOURS/DAY

TO PANEL AC

CLASSROOM A19

PANEL AC

A/V WORKROOM A26

CLASSROOM A27

CONFERENCE A28

OFFICE A29A

SCIENCE A64

SCIENCE A63

SCIENCE A62

PANEL AA

RELOCATE SWITCHES AS INDICATED

SCIENCE A60

PREP & STORAGE A59

WIRE TO CONTROL LIGHTS THIS ROOM

SCIENCE A58

SCIENCE A57

VIVARIUM A56

TYPING A51

PANEL AB

CLASSROOM A45

CLASSROOM A50

TO PANEL AB

RESOURCE CENTER A44

STAFF OFFICES A29

EXIT PASSAGE A68

CLASSROOM A49

CLASSROOM A48

CLASSROOM A53

CLASSROOM A40

CLASSROOM A41

CLASSROOM A38

CLASSROOM A39

CLASSROOM A34

CLASSROOM A35

LIBRARY CLASSROOM A32

MALL

CORRIDOR A59

STORAGE A54

ELECTRIC A33A

STORAGE A33

EXIT PASSAGE E44

MATCH LINE A E

MATCH LINE A D

RELOCATED FROM UNIT A

WALL MOUNTED (120V) ⏚

WIRED FROM EXISTING EXIT SIGN CIRCUIT

NEW AUDITORIUM EXIT PART PLAN

SCALE: 1/8" = 1'-0" (UNIT-D)

KEY PLAN

REVISED 03/24/93

PLAN NORTH

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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

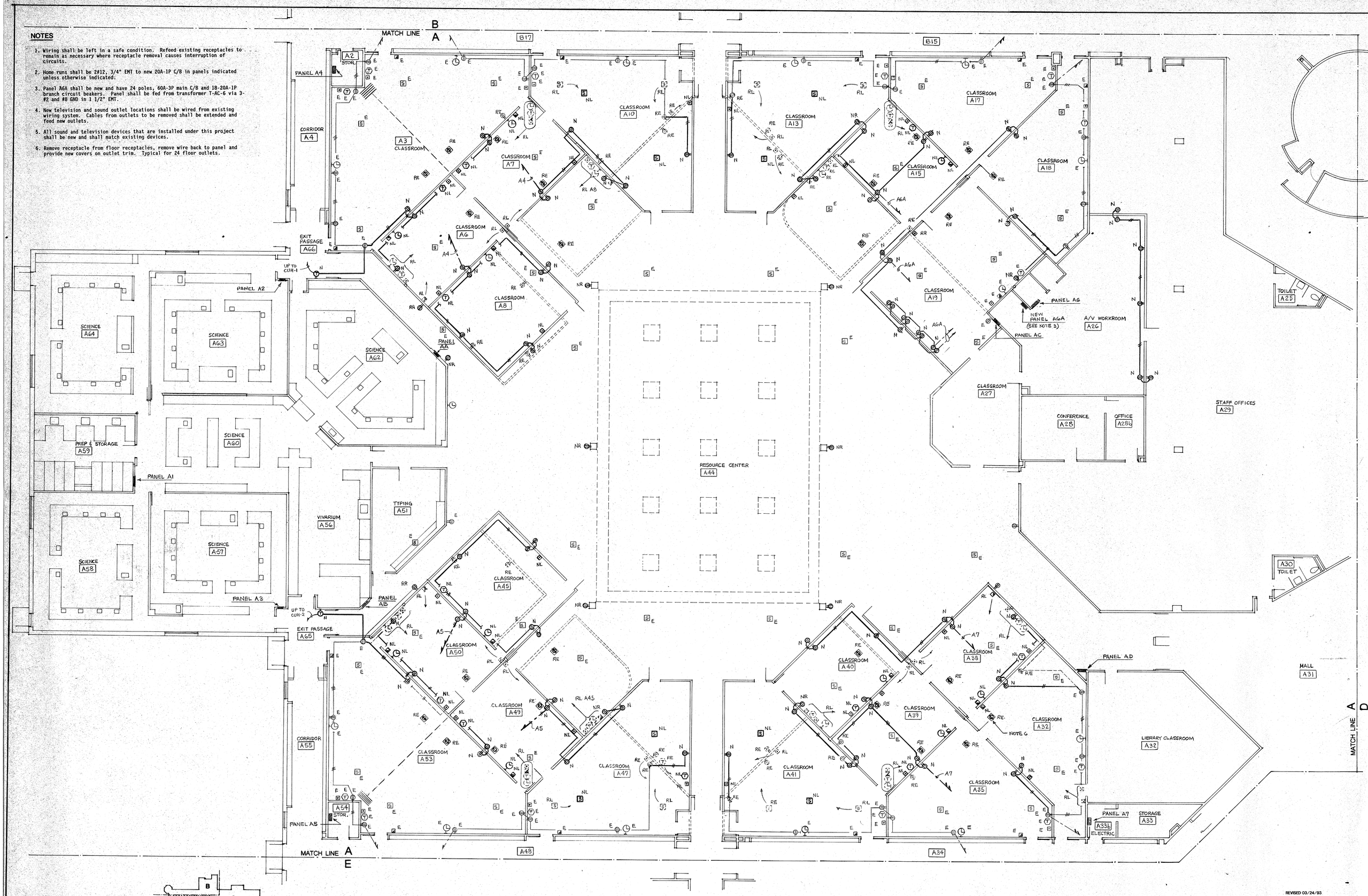
ELECTRICAL FLOOR PLAN
UNIT A LIGHTING

SCALE: 1/8"=1'-0"

DRAWING NUMBER
E3
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-02I A
DATE: 3/1/93

NOTES

1. Wiring shall be left in a safe condition. Refeed existing receptacles to remain as necessary where receptacle removal causes interruption of circuits.
2. Home runs shall be 2#12, 3/4" EMT to new 20A-1P C/B in panels indicated unless otherwise indicated.
3. Panel AGA shall be new and have 24 poles, 60A-3P main C/B and 18-20A-1P branch circuit beakers. Panel shall be fed from transformer T-AC-6 via 3-#2 and #8 GND in 1 1/2" EMT.
4. New television and sound outlet locations shall be wired from existing wiring system. Cables from outlets to be removed shall be extended and feed new outlets.
5. All sound and television devices that are installed under this project shall be new and shall match existing devices.
6. Remove receptacle from floor receptacles, remove wire back to panel and provide new covers on outlet trim. Typical for 24 floor outlets.



KEY PLAN

REVISED 03/24/93

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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

ELECTRICAL FLOOR PLAN
UNIT A POWER
SCALE: 1/8"=1'-0"

DRAWING NUMBER
E4
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

NOTES

1. Refer to motor circuit schedule on drawing E6 for disconnect switch sizing at EF, AC and CU units.
2. Receptacles shown at air handling equipment at roof shall be wired with a maximum of 6 receptacles on a 20A-1P circuit, or wire to nearest local 120 volt AC receptacle circuit.
3. Disconnect existing variable frequency drives in ceiling space below air handlers for the following units: AC-1 thru AC-13 and CU-1.
4. Power shall be disconnected and reconnected to accommodate packaged air conditioners AC1 thru AC-13 and CU-1 and CU-2 to be replaced with new. Existing wiring shall be reused and modified as necessary.
5. Disconnect electric heater coils in ductwork that are shown as being removed. Wire shall be removed back to source or equipment that is to remain active.

AC9 — NOTES 3,4 & 5 → AC10

AC11 — NOTES 3, 4 & 5 → AC12

HV 2

HV3

DISCONNECT POWER TO EXISTING HV-4 AND REMOVE WIRE BACK TO SOURCE.

EF-2 — HV-4

HV5

AC 7 — NOTES 3,4 & 5

AC 8 — NOTES 3,4 & 5

AC-15 MEZZ BELOW

CU-1 — HV-1 MEZZ.BELOW — NOTE 4

EF-4

WIRED VIA NEW MOTOR RATED SWITCH IN FUME HOOD

REMOVE EXIST FUME HOOD FAN AND WIRING BACK TO SOURCE

RE

EF-3

AC6

WIRED VIA NEW MOTOR RATED SWITCH IN FUME HOOD

EF-5

NOTES 3,4 & 5

AC 3

AC 4 — NOTES 3,4 & 5 → AC 5

AC13 — NOTES 3, 4 & 5

CU-2 — AC-14 MEZZ. BELOW — NOTE 4

HV6

EF-6

AC1 — NOTES 3,4 & 5 → AC2

HV 7

REVISED 03/24/93

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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

ELECTRICAL ROOF PLAN

SCALE: 1/16"=1'-0"

DRAWING NUMBER
E5
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93

ELECTRICAL LEGEND

	FLUORESCENT LIGHT
	EMERGENCY LIGHT
	SINGLE FACE EXIT SIGN W/ DIRECTIONAL ARROW
	DOUBLE FACE EXIT SIGN
EB	EMERGENCY LIGHTING BATTERY UNIT
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	SINGLE RECEPTACLE IN FLOOR
	NEW MATERIALS
	EXISTING MATERIALS
	SPECIAL POWER OUTLET
H	CLOCK OUTLET
S	SINGLE POLE SWITCH
S_3	THREE WAY SWITCH
S_4	FOUR WAY SWITCH
S_K	KEY OPERATED SWITCH
MH	MAGNETIC DOOR HOLDER
MR	MAGNETIC DOOR LOCK RELEASE
T	TRANSFORMER
BZ	TOILET ASSISTANCE BUZZER LIGHT
ES	EMERGENCY TOILET ASSISTANCE SWITCH
	TELEPHONE OUTLET
F	MANUAL FIRE STATION
FS	FIRE SPEAKER/STROBE
S	SMOKE DETECTOR
H	HEAT DETECTOR
S_D	DUCT MOUNTED SMOKE DETECTOR
FS	FLOW SWITCH
TS	TAMPER SWITCH
	INTERCOM CALL/PRIVACY SWITCH
S	SPEAKER
SD	SMOKE DAMPER MOTOR
S_{TD}	SMOKE DETECTOR IN TRANSFER DUCT

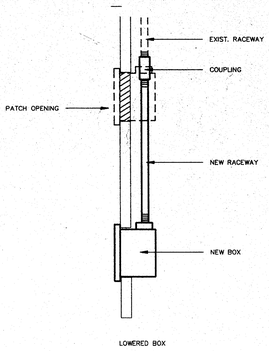
M	MICROPHONE JACK
T	TELEVISION OUTLET
	SPEAKER INPUT JACK
M	MOTOR
	DISCONNECT SWITCH
	MOTOR STARTER
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	PANELBOARD
S_T	MOTOR DISCONNECT W/THERMAL OVERLOADS
AFF	ABOVE FINISHED FLOOR
WP	WEATHERPROOF
XP	EXPLOSION PROOF
GFI	GROUND FAULT INTERRUPTING
E	EXISTING TO REMAIN
RE	REMOVE EXISTING
RL	RELOCATE EXISTING
N	NEW WORK
NL	NEW LOCATION OF EXISTING
NR	NEW TO REPLACE EXISTING
NRR	NEW TO REPLACE AND RELOCATE
RR	REMOVE AND REPLACE ON NEW SURFACE
S_T	THERMAL RATED SWITCH
— — —	EXIST. TO BE REMOVED
EC	ELECTRIC COIL
TH	THERMOSTAT
AC	AIR CONDITIONING UNIT
HV	HEAT VENT UNIT
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
UH	UNIT HEATER
EPD	EMERGENCY-POWER DISCONNECT
	FIRE HORN / STROBE
S_{AB} H_{AB}	FIRE ALARM DEVICE W/ AUDIBLE BASE
EWC	ELECTRIC WATER COOLER

MOTOR CIRCUIT SCHEDULE

EQUIPMENT	CIRCUIT/ SOURCE PANEL	O.C.P. DEVICE	FEEDER	LOCAL DISC. SWITCH	MOTOR STARTER TYPE	MOTOR STARTER SIZE	MOTOR STARTER LOCATION	LOAD HP	LOAD PH	LOAD VOLT	REMARKS
HWP-1	BRPP	40A-3P	3#10, #10G., 3/4"C.	-	FVNR	X	BOILER ROOM	15	3	480	X
HWP-2	BRPP	40A-3P	3#10, #10G., 3/4"C.	-				15	3		
SF-1	BRPP	15A-3P	3#12, #12G., 3/4"C.	-				1.5	3		
OP-1	BRPP	15A-3P	3#12, #12G., 3/4"C.	NF/30A-3P				3/4	3		
OP-2	BRPP	15A-3P	3#12, #12G., 3/4"C.	NF/30A-3P	FVNR			3/4	3	480	
UH-1	PANEL B3	20A-3P	2#12, #12G., 3/4"C.	(ST)/20A-1P	-	-		1/6	1	120	
EF-1	PANEL B3	20A-3P	2#12, #12G., 3/4"C.	(ST)/20A-1P	-	-		1/2	1	120	
BURNER # 1	BRPP	20A-3P	3#12, #12G., 3/4"C.	(ST)/20A-3P	-	-		5	3	480	
BURNER # 2	BRPP	20A-3P	3#12, #12G., 3/4"C.	(ST)/20A-3P	FVNR	-	BOILER ROOM	5			
AC-1	SWITCHBOARD	EXIST. REM.	REUSE EXISTING	60/60A-3P		•	ROOF	25			• NOTE 5
AC-2				100/100A-3P				60			
AC-3				100/100A-3P				65			
AC-4				100/100A-3P				65			
AC-5				70/100A-3P				35			
AC-6				70/100A-3P				42			
AC-7				100/100A-3P				65			
AC-8				100/100A-3P				65			
AC-9				60/60A-3P				25			
AC-10				70/100A-3P				35			
AC-11				175/200A-3P				125			
AC-12				60/60A-3P				25			
AC-13				70/100A-3P				45			
CU-1				70/100A-3P							44.2 KW
CU-2	SWITCHBOARD	EXIST. REM.	REUSE EXISTING	70/100A-3P	FVNR	•			3	480	44.2 KW • NOTE 5
EF-2	PANEL C1	20A-1P	2 #12, #12G., 3/4" C.	15/30A-1P				1/4	1	120	
EF-3	PANEL A4	20A-1P	2 #12, #12G., 3/4" C.	15/30A-1P				1/10	1	120	
EF-4	PANEL AA	40A-1P	2 #10, #10G., 3/4" C.	30/30A-1P	FVNR	0		3/4	1	120	
EF-5	PANEL AB	40A-1P	2 #10, #10G., 3/4" C.	30/30A-1P	FVNR	0		3/4	1	120	
EF-6	PANEL D6	20A-1P	2 #12, #12G., 3/4" C.	15/30A-1P			ROOF	1/100	1	120	

NOTES:

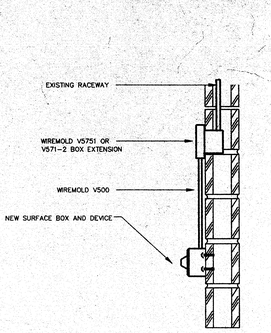
1. REFER TO SPECIFICATIONS FOR STANDARD FEATURES.
2. STARTERS SHALL BE FURNISHED BY DIV. 15, AND INSTALLED AND WIRED BY DIV. 16.
3. STARTERS FURNISHED & INSTALLED BY DIV. 15, WIRED BY DIV. 16.
4. ABREVIATIONS:
   - VFD – VARIABLE FREQUENCY DRIVE
   - FVNR – FULL VOLTAGE, NON-REVERSING
   - RVNR – REDUCED VOLTAGE, NON-REVERSING
   - FVR – FULL VOLTAGE, REVERSING
   - 2 SPD – TWO-SPEED, NON REVERSING
   - MAN – MANUAL STARTER
5. STARTER WITH EQUIPMENT, VERIFY OVERLOAD HEATERS ARE SIZED AS NECESSARY TO PROTECT MOTOR.
6. LOCAL DISCONNECT SIZE = T.D. FUSE SIZE/FRAME SIZE-POLES
   - NF = NON-FUSED
   - ST = THERMAL RATED SWITCH



LOWERED BOX

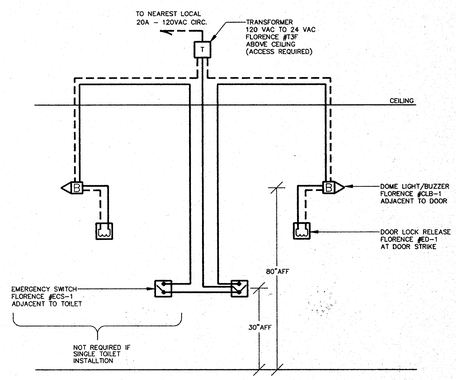
LOWERING DEVICES "STUD" WALLS

NOT TO SCALE



LOWERING DEVICES "BLOCK" WALLS

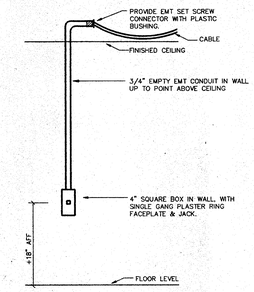
NOT TO SCALE



NOTE:
DETAIL INDICATES GENERAL ARRANGEMENT FOR TWO TOILET ROOMS. REFER TO FLOOR PLANS FOR EXACT LOCATIONS

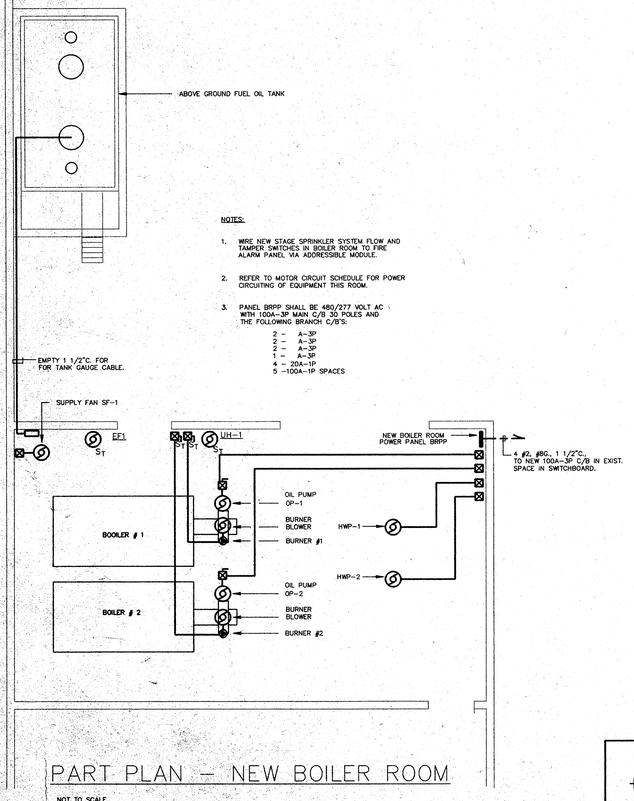
TOILET ASSISTANCE ALARM DETAIL

NOT TO SCALE



TYPICAL INSTALLATION DETAIL TELEPHONE, SPEAKER AND TELEVISION CABLE OUTLET

SCALE: NONE

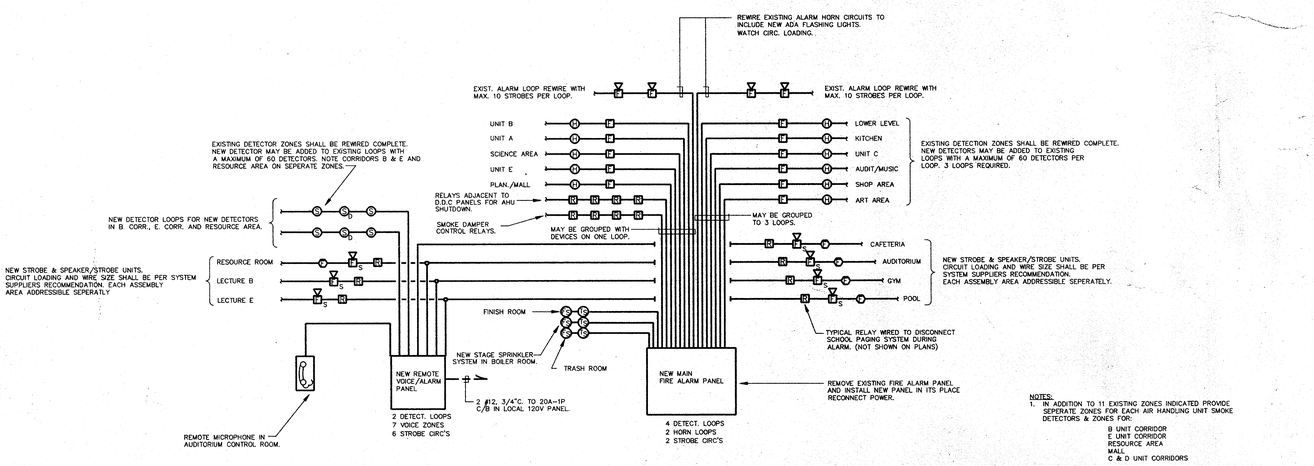


NOTES:

1. WIRE NEW STAGE SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES IN BOILER ROOM TO FIRE ALARM PANEL VIA ADDRESSIBLE MODULE.
2. REFER TO MOTOR CIRCUIT SCHEDULE FOR POWER CIRCUITING OF EQUIPMENT THIS ROOM.
3. PANEL BRPP SHALL BE 480/277 VOLT AC WITH 100A-3P MAIN C/B 30 POLES AND THE FOLLOWING BRANCH C/B'S:
   - 2 – A-3P
   - 2 – A-3P
   - 2 – A-3P
   - 1 – A-3P
   - 4 – 20A-1P
   - 5 –100A-1P SPACES

PART PLAN – NEW BOILER ROOM

NOT TO SCALE



FIRE ALARM RISER DIAGRAM

NOT TO SCALE

NOTES:

1. IN ADDITION TO 11 EXISTING ZONES INDICATED PROVIDE SEPERATE ZONES FOR EACH AIR HANDLING UNIT SMOKE DETECTORS & ZONES FOR:
   - B UNIT CORRIDOR
   - E UNIT CORRIDOR
   - RESOURCE AREA
   - MALL
   - C & D UNIT CORRIDORS
2. ADD NEW DETECTORS OTHER THAN IN THE AREAS LISTED ABOVE TO THEIR APPROPRIATE EXISTING LOCAL ZONES.
3. WIRE SIZES SHALL BE AS RECOMMENDED BY FIRE ALARM SYSTEM SUPLIER, NO SMALLER THAN #14 AWG.
4. REFER TO FLOOR PLANS FOR EXACT DEVICE COUNTS.
5. MAGNETIC DOOR HOLDERS SHALL BE RELEASED BY LOCAL SMOKE DETECTOR AUX. CONTACTS.

REVISED 03/24/93

PLAN NORTH

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CODE UPDATE AND MECHANICAL RENOVATIONS
SHEPAUG VALLEY
MIDDLE/HIGH SCHOOL
SOUTH STREET WASHINGTON DEPOT, CT 06794

ELECTRICAL SCHEDULES & DETAILS

NOT TO SCALE

DRAWING NUMBER
E6
PROJECT NUMBER: 9221
STATE PROJECT: 212-89-021 A
DATE: 3/1/93