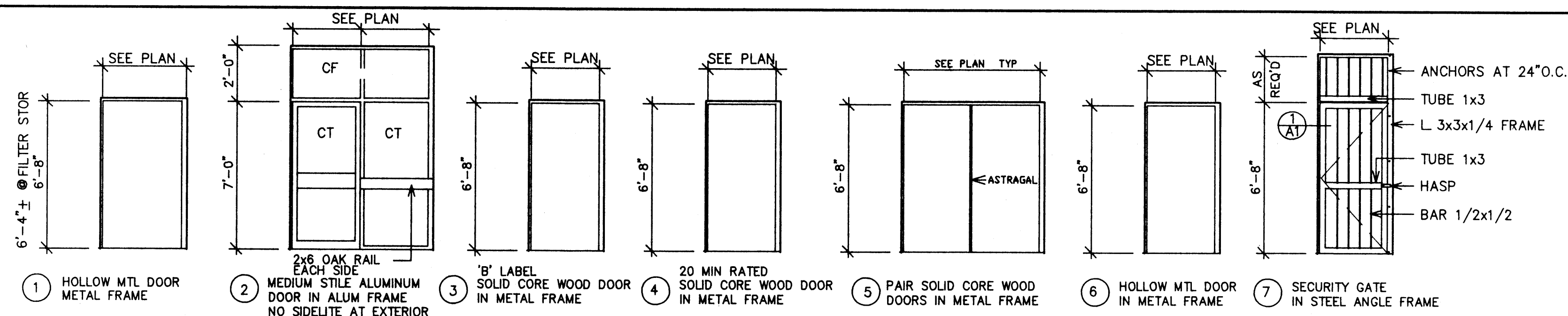


PHYSICAL THERAPY FACILITY ARKANSAS STATE UNIVERSITY

JONESBORO,

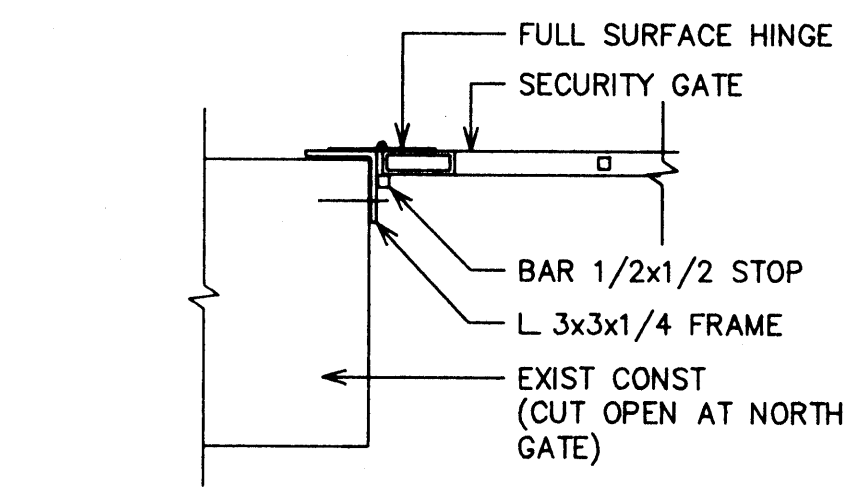
ARKANSAS



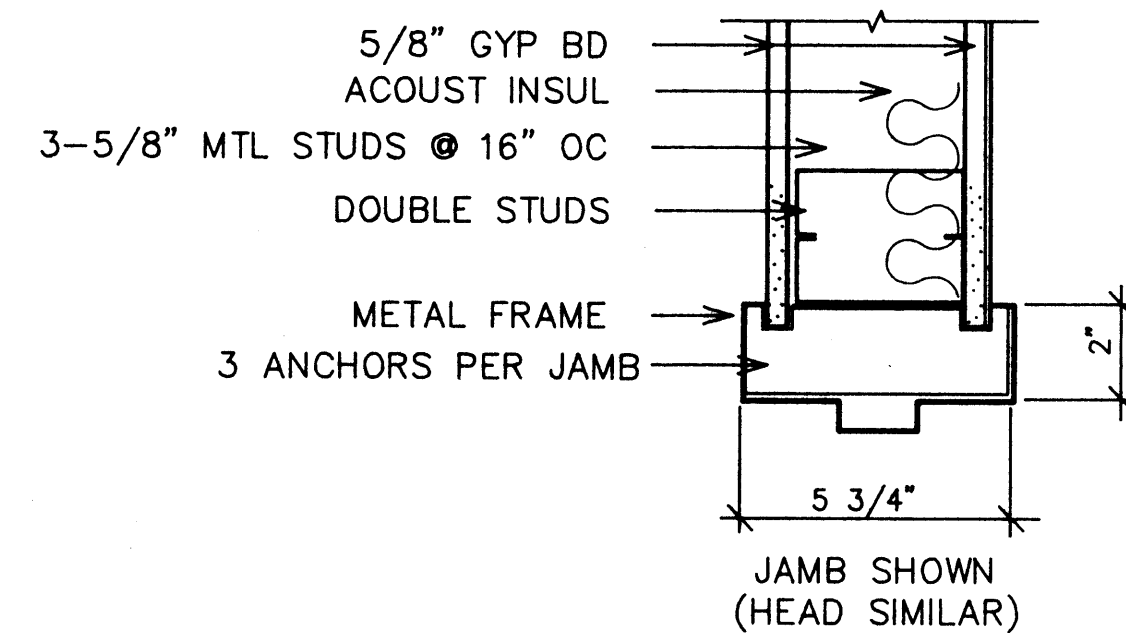
DOOR ELEVATIONS

DOOR ELEVATION, 20= 20 MIN DR, B= B LABEL DR
HARDWARE GROUP

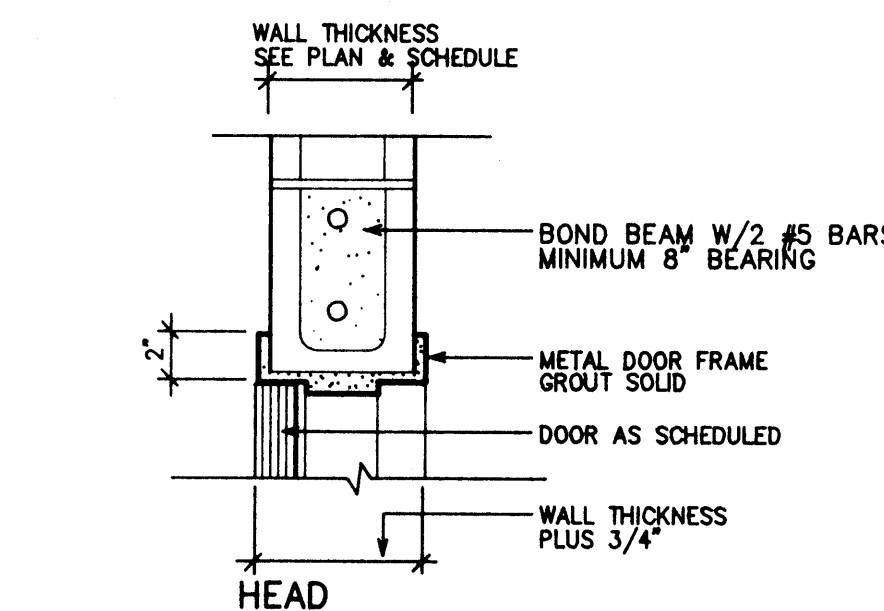
DOORS IN RATED WALLS SHALL HAVE RATING OF THE WALL
SCALE 1/4" = 1'-0"



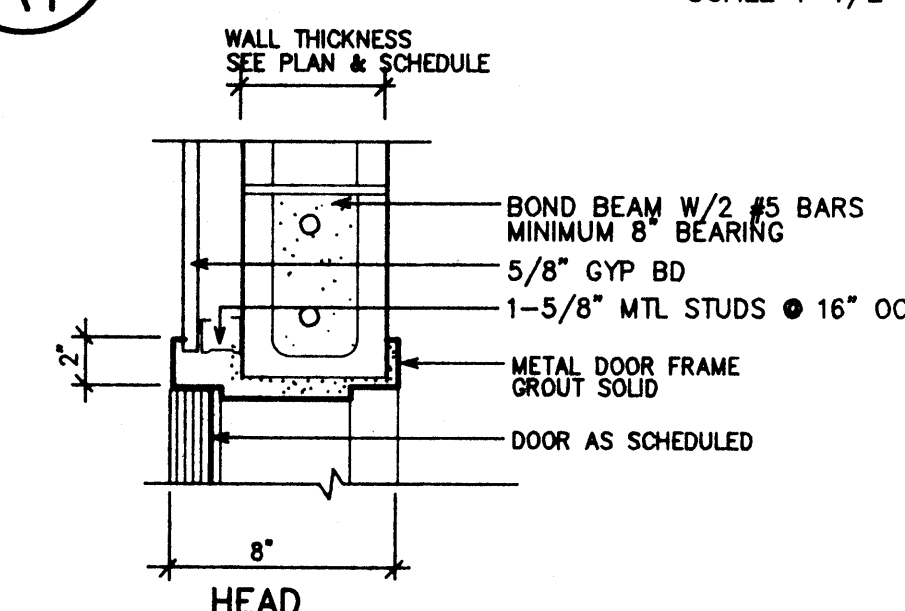
1 GATE DETAIL
A1 SCALE 1-1/2" = 1'-0"



3 DOOR DETAIL
A1 SCALE 1-1/2" = 1'-0"



2 DOOR DETAIL (TYPICAL)
A1 SCALE 1-1/2" = 1'-0"



4 DOOR DETAIL
A1 SCALE 1-1/2" = 1'-0"

WALL SCHEDULE

- 1 HR RATED CONSTRUCTION. 5/8" FIRE RATED GYP BD EACH SIDE OF 3-5/8" MTL STUDS @ 16" OC WITH ACOUSTICAL INSULATION. UL DESIGN U465. CODE DOES NOT REQUIRE RATED WALL. PROVIDE CONSTRUCTION SAME AS FOR RATING EXCEPT NO DOOR CLOSERS OR FIRE DAMPERS ARE REQUIRED. SEAL PERIMETER AND PENETRATIONS.
- FURRED WALL. 5/8" GYP BD ON 1-5/8" MTL STUD @ 16" OC. R-11 INSULATION AT EXTERIOR WALLS.
- NOT-RATED WALL. 5/8" GYP BD EACH SIDE OF 3-5/8" MTL STUDS @ 16" OC WITH ACOUSTICAL INSULATION.
- NOT USED.
- NOT USED.
- 6" REINFORCED CONCRETE MASONRY UNIT WALL.
- EXISTING CONCRETE MASONRY UNIT WALL.

ALL RATED WALLS MUST EXTEND TO THE ROOF DECK AND BE TIGHTLY SEALED. SEAL ALL PENETRATIONS. POST SIGN SHOWN ON A9.

- Typical Masonry Partition, Extend Min 4" Above Clg.
- Typical Masonry Partition, 1 HR Fire Rated, Extend to Deck
- 2 HR New or Existing Masonry Partition, Extend to Deck
- Typical Masonry Partition, Extend to Deck
- Typical Metal Stud Partition, Extend Min 4" Above Clg.
- Typical Metal Stud Partition, Extend to Deck

Occupancy Classification: Business
Existing: NA
Occupancy Load: New: 225 occupants
Type of Construction: Existing: Type II, un sprinkled (assumed)
Proposed: Type II, un sprinkled

Allowable Height: 80'
Allowable Area: Unlimited Area

Floor Area:	Existing	Proposed
Sub-Basement	530	530
Basement	14,950	14,950
First Floor	8,330	8,330
Second Floor	6,820	6,820
Third Floor	6,820	6,820
Fourth Floor	6,820	6,820
Fifth Floor	6,820	6,820
Elevator Penthouse	0	230
Totals	51,090 SF	51,320 SF

Net Floor Area By Occupancies:	Total Bldg.	Basement
Assembly	0 SF	0
Bowling Alley	0	0
Restaurant	0	0
Courtrooms	0	0
Educational (*75% net/gross assumed)	*40,000	1984
Vocational Education	?	4586
Library Reading Rooms	0	0

Separation distances from each exterior wall to assumed property line.
North - 10' to adjacent building.
East - Varies, minimum 18', maximum 39' to centerline of Lee Street.
South - Varies, minimum 26' +, maximum 41' to adjacent building.
West - 57' to centerline of Caraway Road

ROOM FINISH SCHEDULE

FLOOR	BASE	WALL	CEILING
CP CARPET	CT CERAMIC TILE	CP CMU FILLED & PAINTED	A1 ACOUSTICAL PANEL, 2x4 WHITE
CT CERAMIC TILE	EX EXISTING	CT CERAMIC TILE	A2 ACOUSTICAL PANEL, SPECIAL
EX EXISTING	IC INTEGRAL COVE	EX EXISTING, NO WORK	A3 PTD WR GYPSUM PANELS IN GRID
QT QUARRY TILE (ABRASIVE)	N NONE	EP EXISTING PAINTED	GP GYPSUM BD. PTD.
SV SOLID SHEET VINYL	QT QUARRY TILE	GP GYPSUM BD. PTD.	N NONE
SC SEALED CONC & PAINT	R 4" RUBBER BASE	N NONE	EX EXISTING
TT TEXTURED VINYL TILE		BS BY ELEVATOR SUPPLIER	BS BY ELEVATOR SUPPLIER
VT VINYL REINF. TILE			

PLAN FINISH KEY FLOOR, BASE, WALL, CEILING

INCLUDES HORIZONTAL AND VERTICAL SURFACES OF BULKHEADS

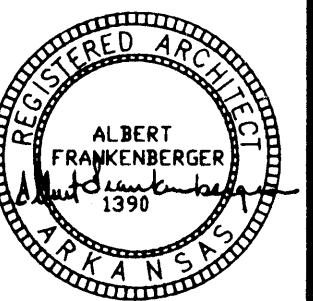
SEE REFLECTED CEILING PLAN FOR HEIGHTS

GENERAL NOTES

- UNLESS OTHERWISE INDICATED, ANY NOTE OR DETAIL INDICATED FOR ONE CONDITION IS APPLICABLE FOR ALL LIKE OR SIMILAR CONDITIONS.
- THE NORMAL TRADE MEANING SHALL APPLY TO ALL ABBREVIATIONS AND SYMBOLS.
- TYPICALLY EXTERIOR DIMENSIONS ARE TO THE FACE OF WALL. INTERIOR DIMENSIONS ARE TO WALL FINISH.
- ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ARE APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR.
- REMOVE EXISTING BUILDING AND SITE FEATURES WHICH INTERFERE WITH NEW WORK. CUT AND PATCH SURFACES AS REQUIRED BY NEW WORK.
- PROTECT OCCUPANTS OF EXISTING BUILDINGS FROM CONSTRUCTION OPERATIONS.
- CORRIDOR WALLS AND OTHER WALLS AS INDICATED SHALL EXTEND TO AND BE SEALED TO THE DECK ABOVE. OTHER INTERIOR WALLS SHALL EXTEND A MINIMUM OF 4" ABOVE THE HIGHEST CEILING.
- ALL BUILDING FEATURES SHALL BE SECURELY ANCHORED TO THE BUILDING SO THEY WILL NOT DISLOCATE DURING AN EARTHQUAKE.
- PROVIDE 4' X 8' PROFESSIONALLY PAINTED TEMPORARY PROJECT SIGN. ARCHITECT WILL PROVIDE LAYOUT.
- THE BASEMENT FLOOR WILL REQUIRE SUBSTANTIAL PREPARATION BEFORE THE NEW FLOOR FINISH CAN BE APPLIED. AFTER DEMOLITION IS COMPLETE, NEW UNDER FLOOR UTILITIES AND ELEVATOR WORK IS INSTALLED AND NEW MASONRY WORK IS COMPLETE, THE FLOOR SHALL BE REPAIRED AS SPECIFIED IN DIVISION 3. SEE SPECIFICATIONS FOR ADDITIONAL PREPARATION REQUIREMENTS.
- PROVIDE LINTELS AT ALL OPENINGS IN NEW CONSTRUCTION AND AT NEW OPENINGS IN EXISTING CONSTRUCTION. LINTELS NOT SPECIFICALLY DETAILED SHALL BE SIMILAR TO THOSE THAT ARE DETAILED AS APPROVED DURING CONSTRUCTION.
- PROVIDE NEW CHASES FOR NEW AND EXISTING UTILITIES.

LIST OF DRAWINGS

- ARCHITECTURAL
- A1 COVER, SCHEDULES & NOTES
 - A2 SITE PLAN
 - A3 SITE DETAILS
 - A4 DEMOLITION PLAN
 - A5 DEMOLITION PLANS & NOTES
 - A6 FLOOR PLAN
 - A7 ELEVATOR PLANS, DETAILS, ELEVATIONS
 - A8 ELEVATIONS
 - A9 BUILDING SECTIONS
 - A10 BUILDING SECTIONS
 - A11 SECTIONS AND DETAILS
 - A12 SECTIONS AND DETAILS
 - A13 SECTIONS AND DETAILS
 - A14 REFLECTED CEILING PLAN
- STRUCTURAL
- S1 ELEVATOR STRUCTURAL PLANS & SECTIONS
 - S2 STRUCTURAL DETAILS
 - S3 STRUCTURAL DETAILS
- MECHANICAL
- M1 BASEMENT HVAC DEMOLITION PLAN
 - M2 BASEMENT PLAN - DUCTWORK
 - M3 BASEMENT PLAN - PIPING
 - M4 HVAC PLANS AND SCHEDULES
 - M5 HVAC DETAILS
- PLUMBING
- P1 BASEMENT PLAN - PLUMBING
 - P2 PLUMBING RISERS AND DETAILS
- ELECTRICAL
- E1 BASEMENT ELECTRICAL DEMOLITION PLAN
 - E2 BASEMENT PLAN - LIGHTING
 - E3 BASEMENT PLAN - POWER
 - E4 BASEMENT PLAN - FIRE ALARM
 - E5 ELECTRICAL DETAILS
 - E6 ELECTRICAL DETAILS
 - E7 ELECTRICAL DETAILS



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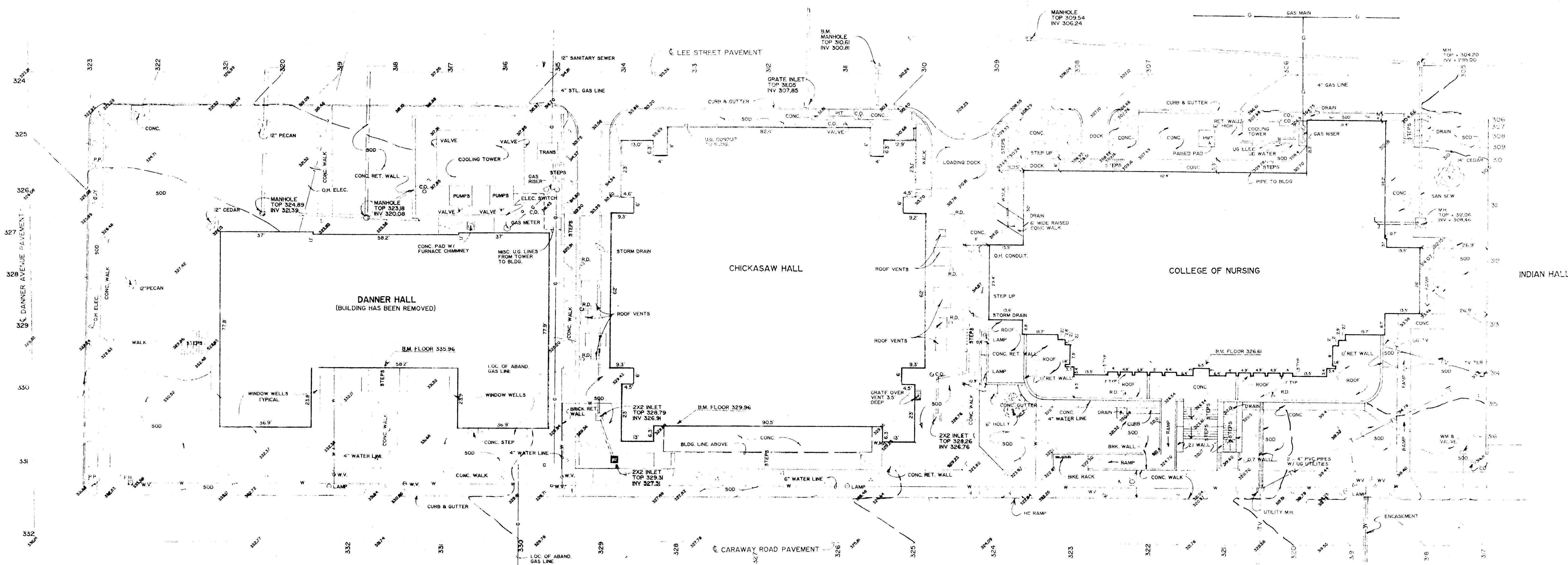
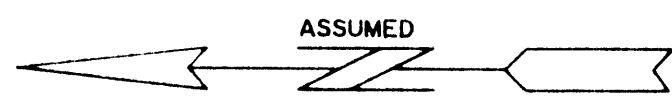
3-28-94

22

A1

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

Albert Frankenberg



NOTES

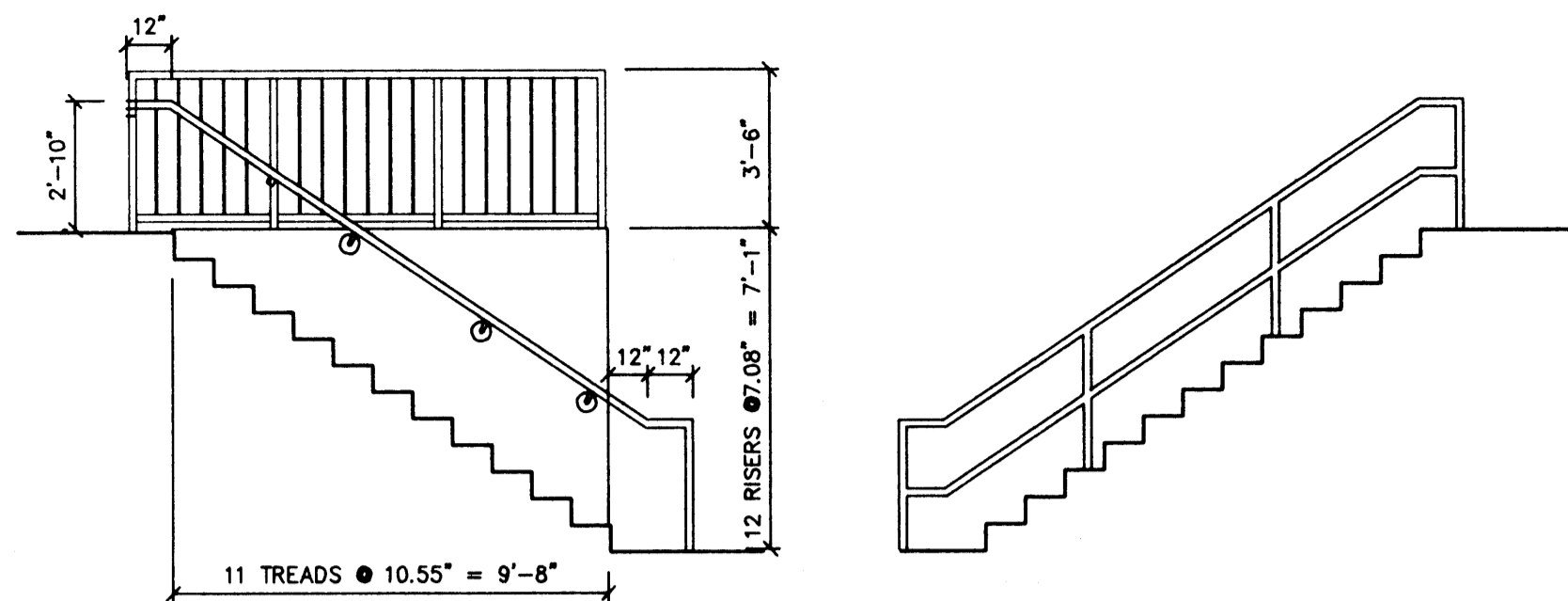
1. GENERAL CONTRACTOR MAY USE OPEN AREA WHERE DANNER HALL WAS REMOVED FOR CONSTRUCTION STORAGE, PARKING, AND OFFICE LOCATION.
2. PROTECT TREES ON THE SITE FROM DAMAGE.
3. DO NOT STORE MATERIALS OR PARK TRAILERS OVER ACTIVE MANHOLES, UNDERGROUND UTILITIES, OR OTHER ITEMS REQUIRING ACCESS.
4. MAINTAIN PEDESTRIAN WALKWAYS ON EAST SIDE OF CARAWAY ROAD AND VEHICULAR TRAFFIC ON ALL ROADS.
5. THE EXISTING COOLING TOWER ON THE EAST SIDE OF THE NURSING BUILDING WILL BE REPLACED UNDER A SEPERATE CONTRACT. COOPERATE WITH OTHER CONTRACTORS.
6. SOME PARKING ON LEE STREET MAY BE BLOCKED OFF TO PROVIDE ACCESS TO STORAGE AREA AND BUILDING. NO CONTRACTOR PARKING WILL BE ALLOWED ON CARAWAY ROAD WITHOUT OWNERS APPROVAL.



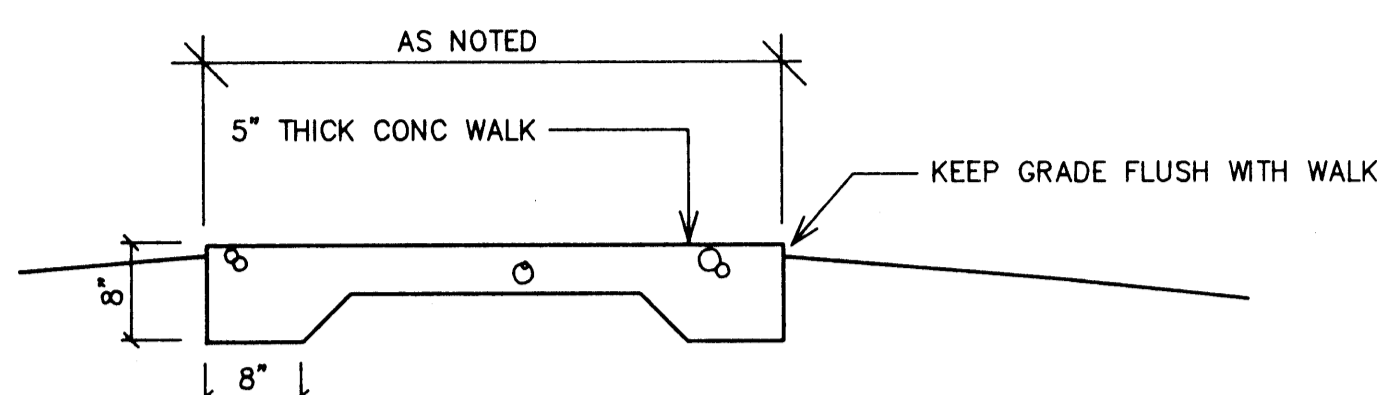
LOCATION OF UNDERGROUND UTILITIES
 BY
 UNDERGROUND UTILITY MAP
 ARKANSAS STATE UNIVERSITY
 DATE FEB. 1987

A2

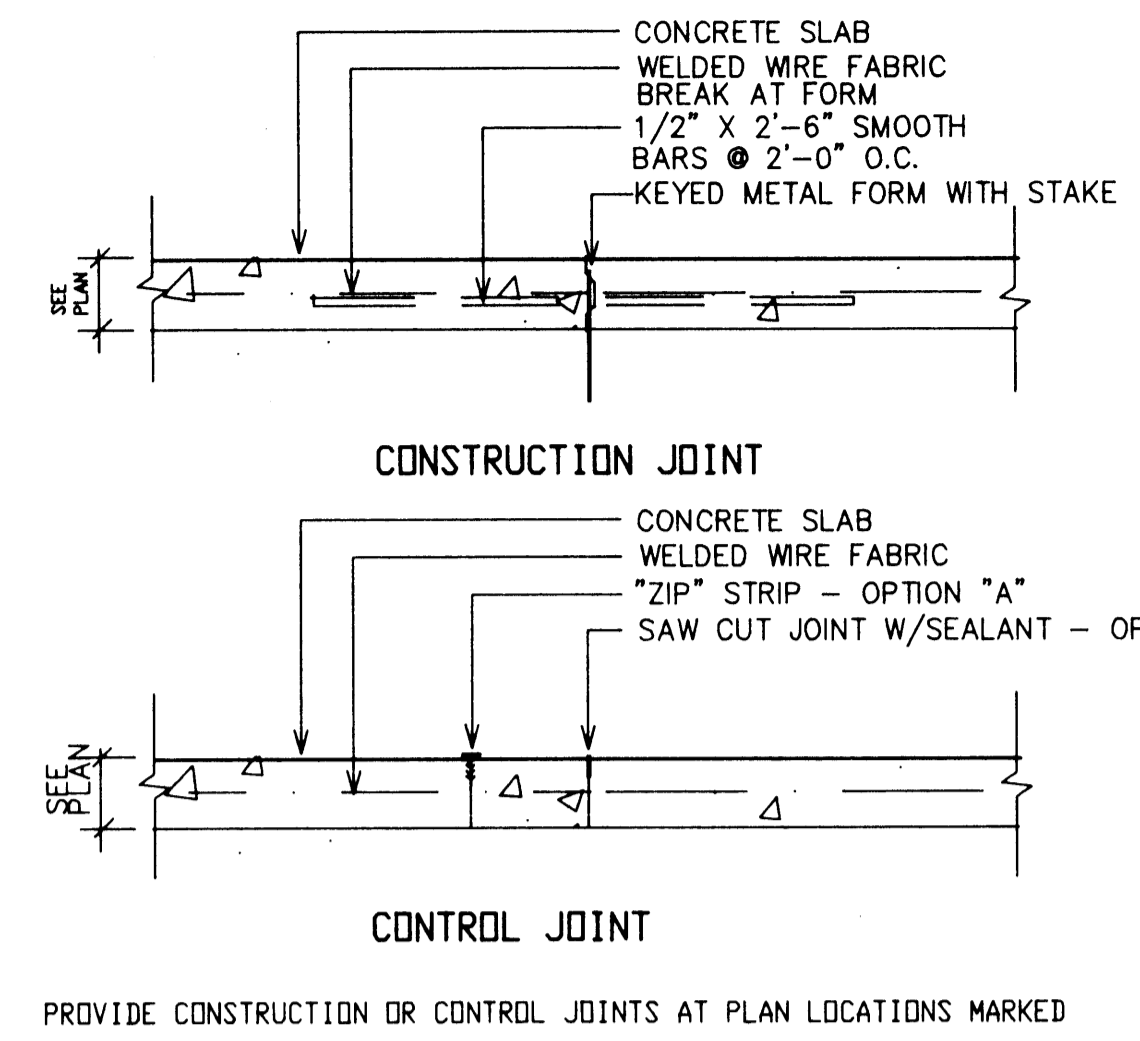
CLIENT:	APPROVED: DATE:	TOPOGRAPHIC SURVEY	REVISIONS
		DANNER HALL & CHICKASAW HALL ARKANSAS STATE UNIVERSITY	DATE: 11/19/87
		HAYWOOD, KENWARD & ASSOCIATES, INC. CIVIL ENGINEERS — SURVEYORS JONESBORO, ARKANSAS 72401	DRAWN BY: J. B. BERRY DATE: 6/19/87 CHECKED BY: J. B. BERRY DATE: 6/19/87 DATE: 6/19/87 JOB NO. 110431



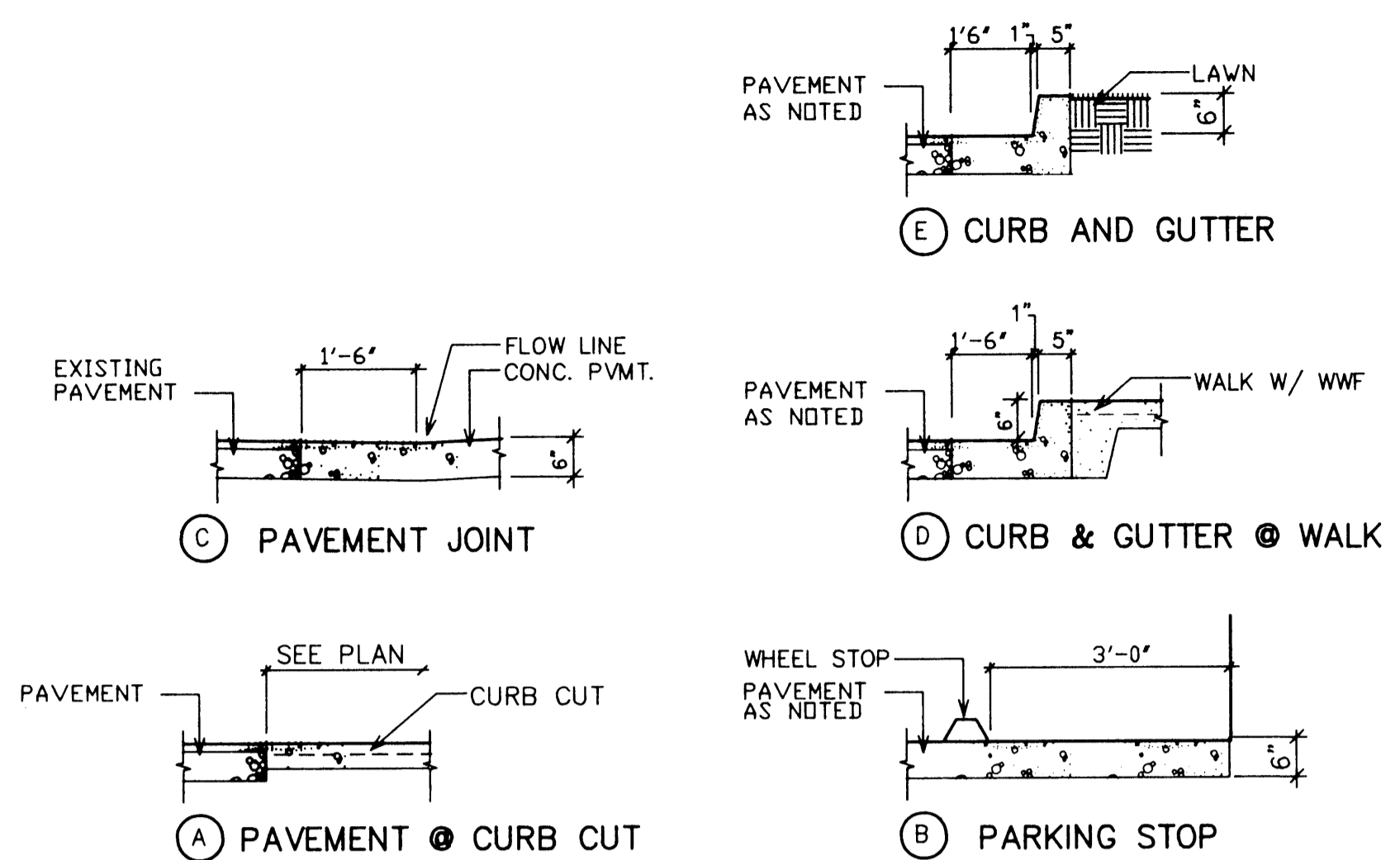
1 STEP ELEVATION SOUTH STEPS
 1/4" = 1'-0"



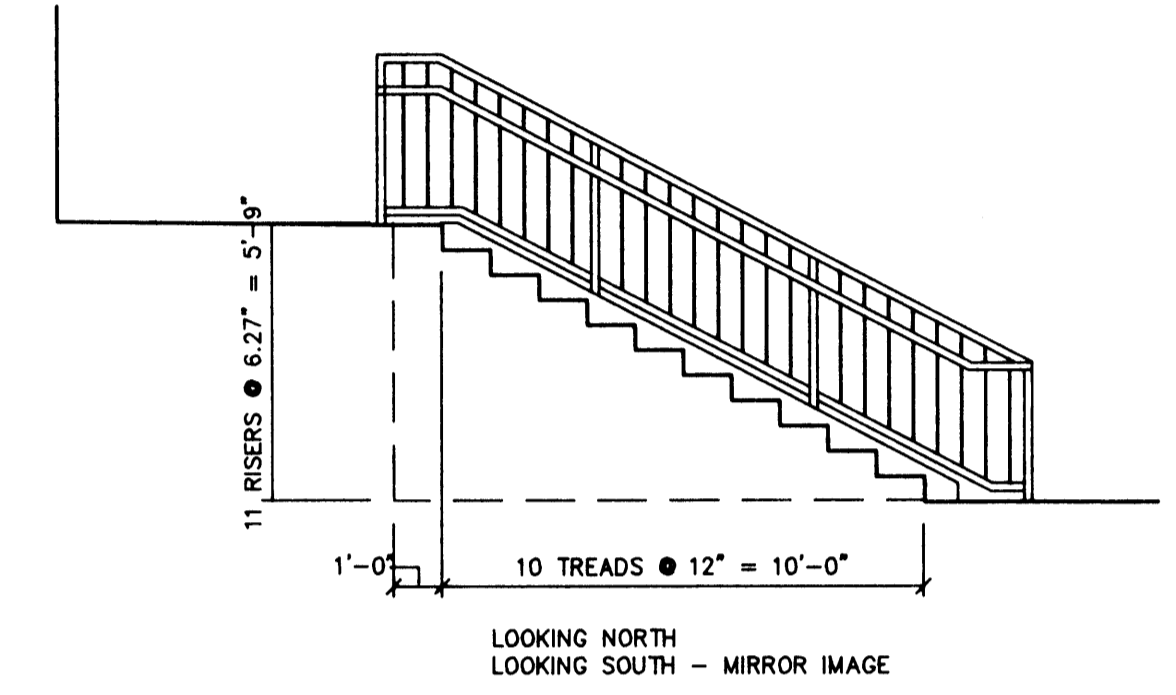
8 WALK DETAIL
 3/4" = 1'-0"



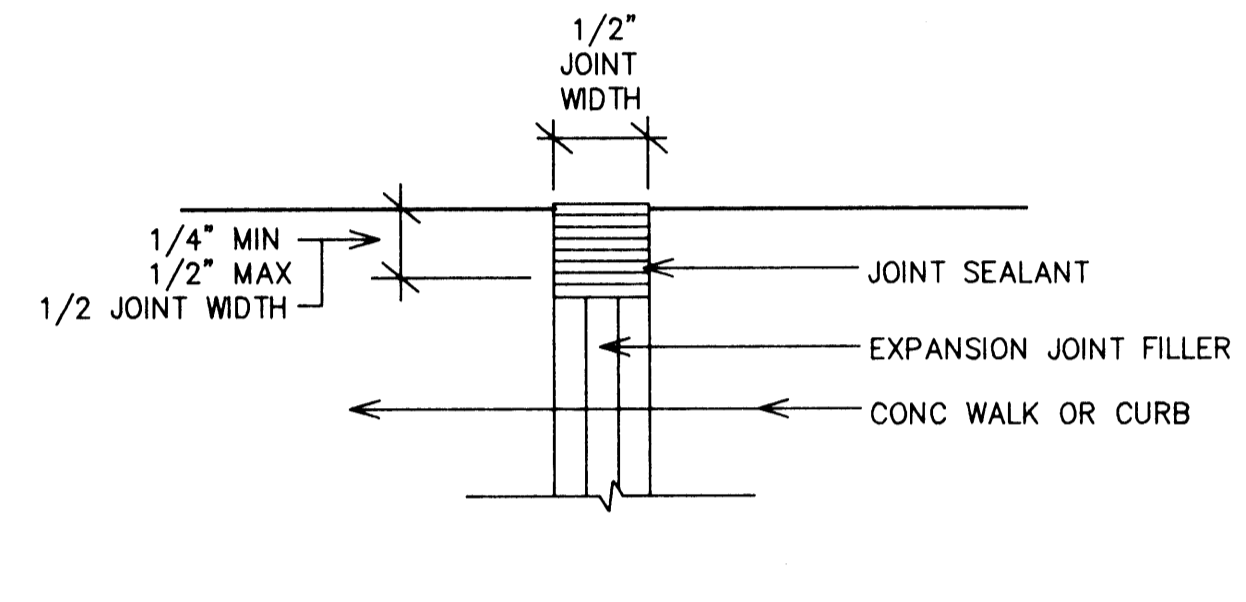
9 INTERIOR SLAB JOINT DETAILS
 NOT TO SCALE



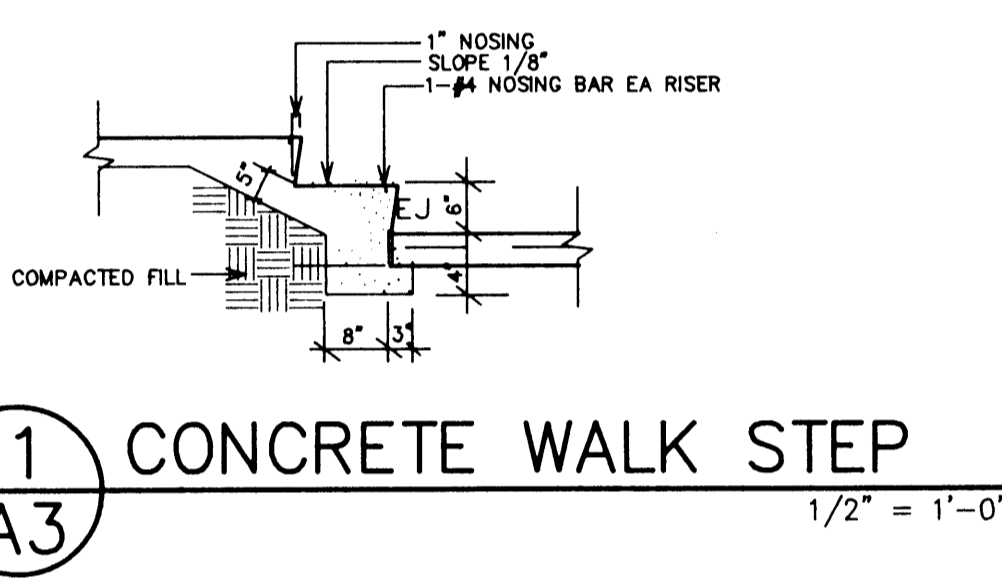
10 CURB DETAILS
 NTS



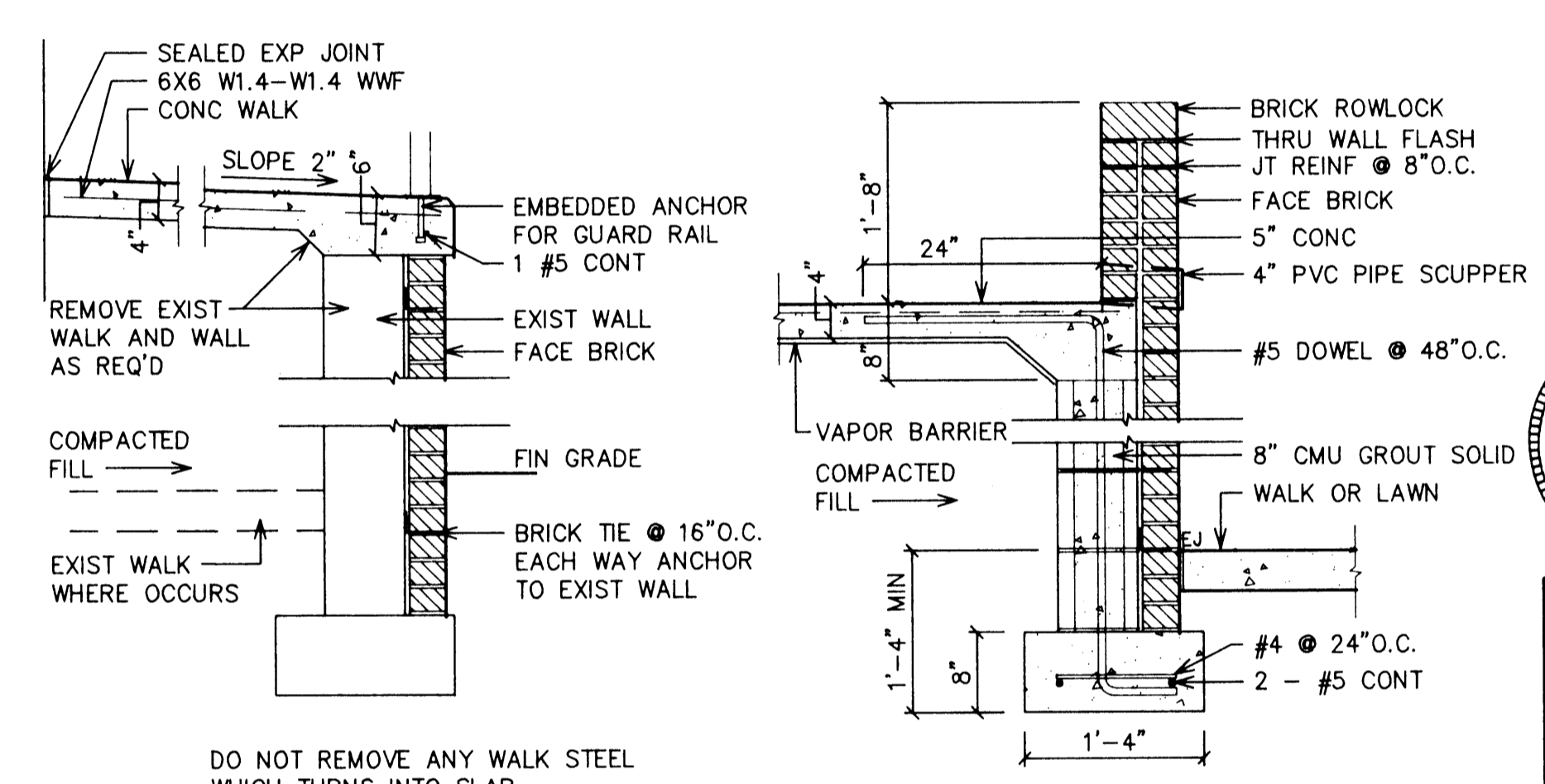
2 STEP ELEVATION EAST STEPS
 1/4" = 1'-0"



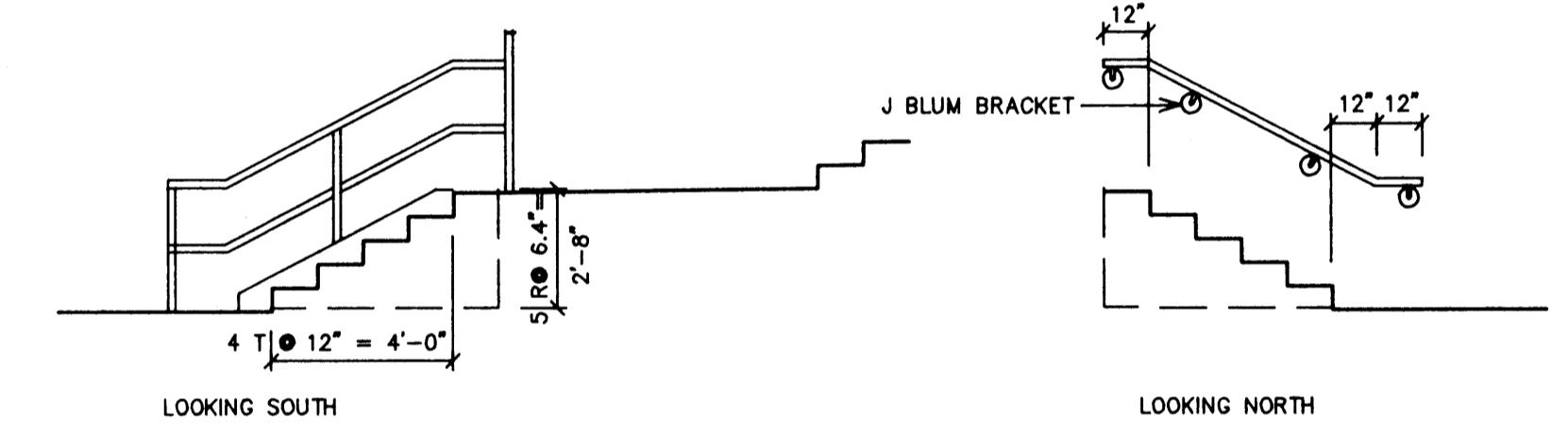
7 EXT. CONCRETE EXP. JT.
 NO SCALE



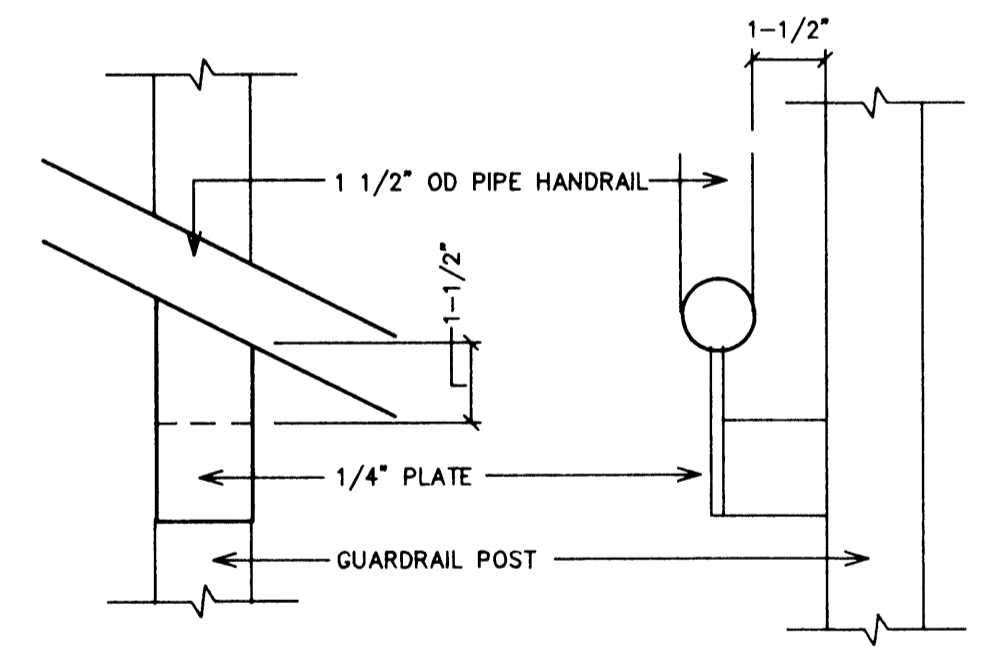
11 CONCRETE WALK STEP
 1/2" = 1'-0"



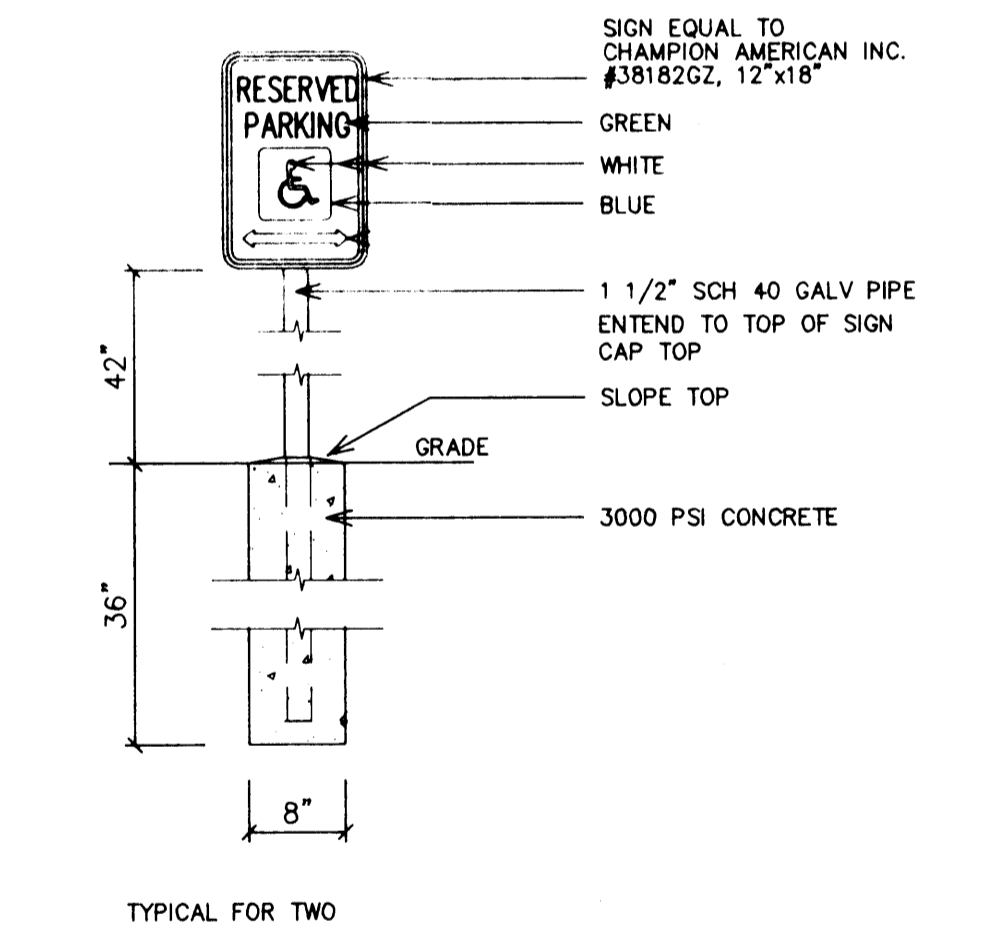
14 WALL SECTION SCALE 3/4" = 1'-0"
15 WALL SECTION SCALE 3/4" = 1'-0"



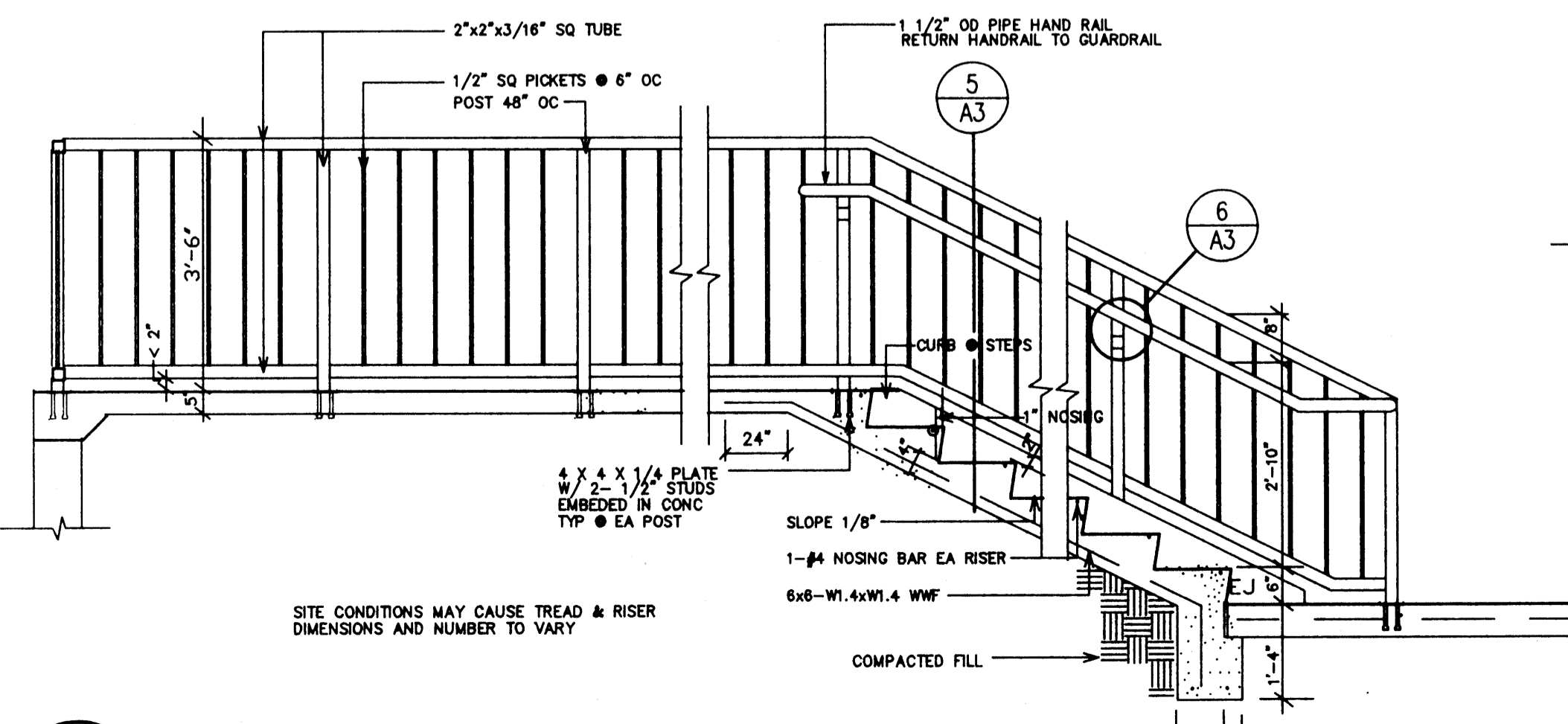
3 STEP ELEVATION EAST STEPS
 1/4" = 1'-0"



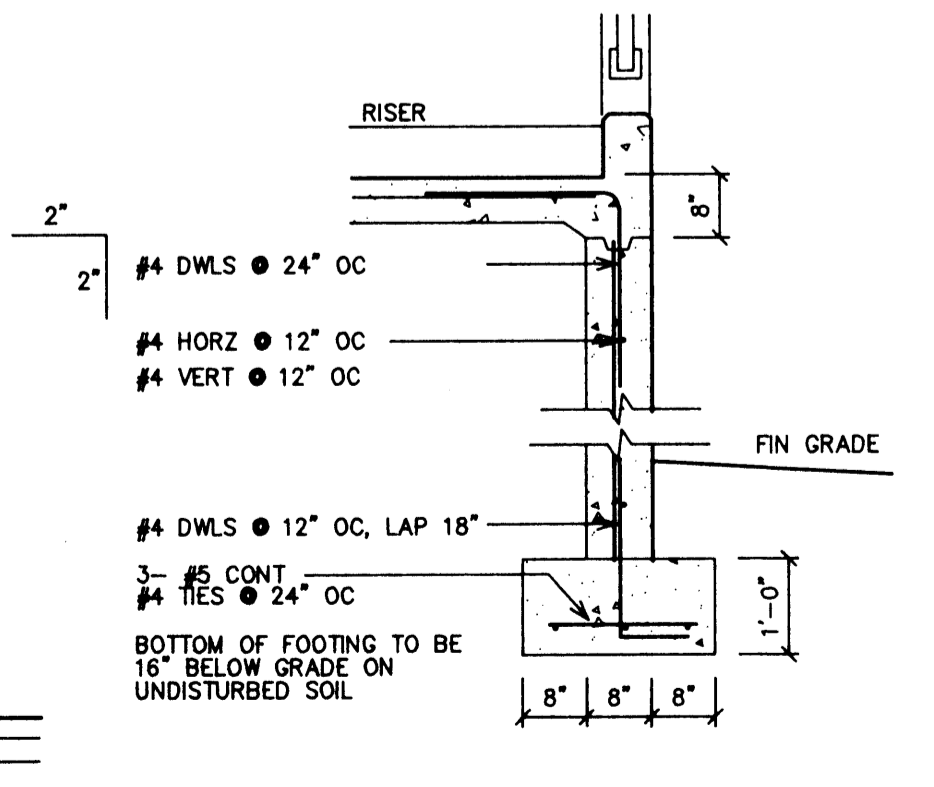
6 RAIL DETAILS
 1/2" = 1'-0"



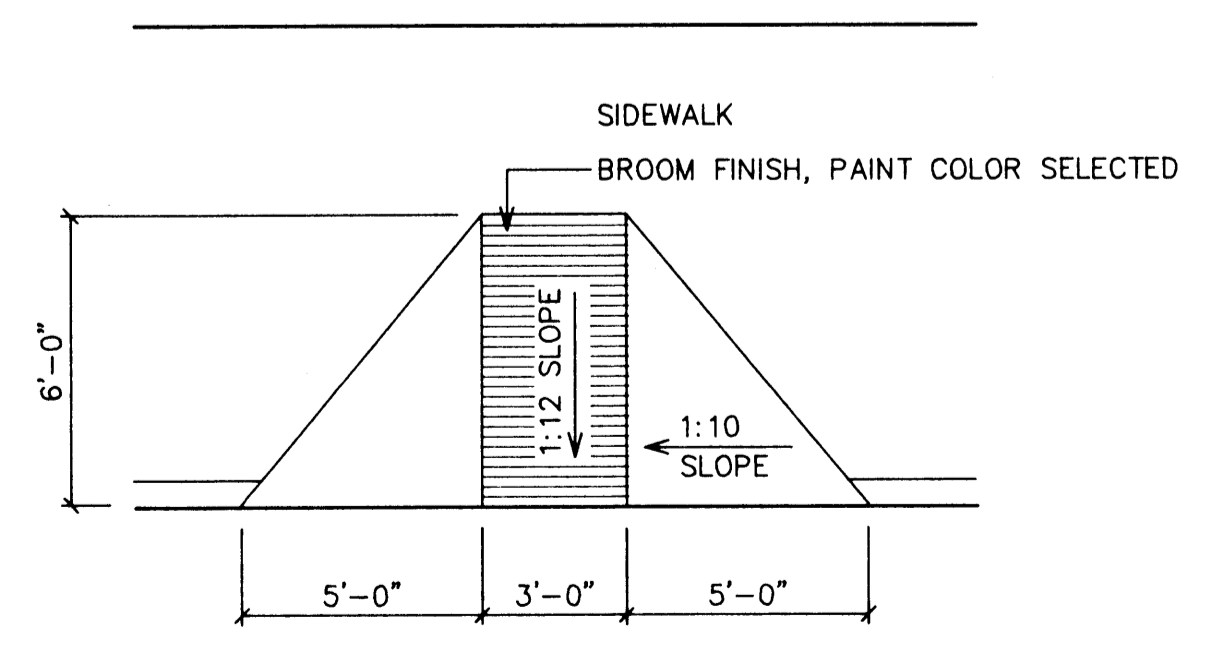
12 SIGN DETAIL SCALE 3/4" = 1'-0"



4 TYPICAL STEP DETAILS
 1/2" = 1'-0"



5 STEP DETAILS
 1/2" = 1'-0"



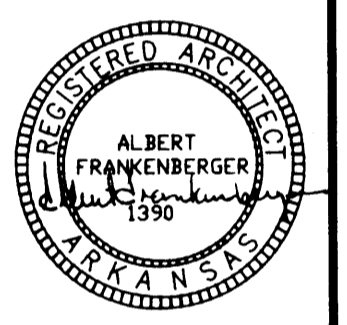
13 CURB RAMP DETAIL SCALE 1/4" = 1'-0"

SITE WORK NOTES

- GRADES SHOWN ARE APPROXIMATE. GRADES NOT SHOWN WILL BE FIELD DETERMINED.
- ALL SIDEWALKS SHALL BE 5" THICK UNREINFORCED.
- THE LIMIT OF THE CONTRACT IS THE SITE AREA DISTURBED BY NEW WORK.
- PROTECT AND TRIM EXISTING TREES AS REQUIRED.
- PAIN CURBS COLOR SELECTED BY OWNER.

SITE LEGEND

- FEATURE TO BE REMOVED
- NEW CONCRETE OR PAVEMENT
- ◇ DEMOLITION NOTE. SEE SHEET A5.

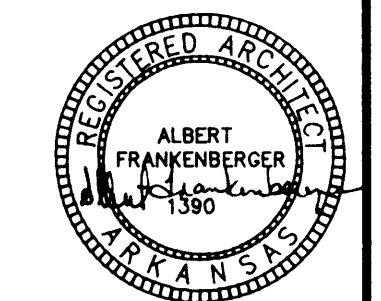
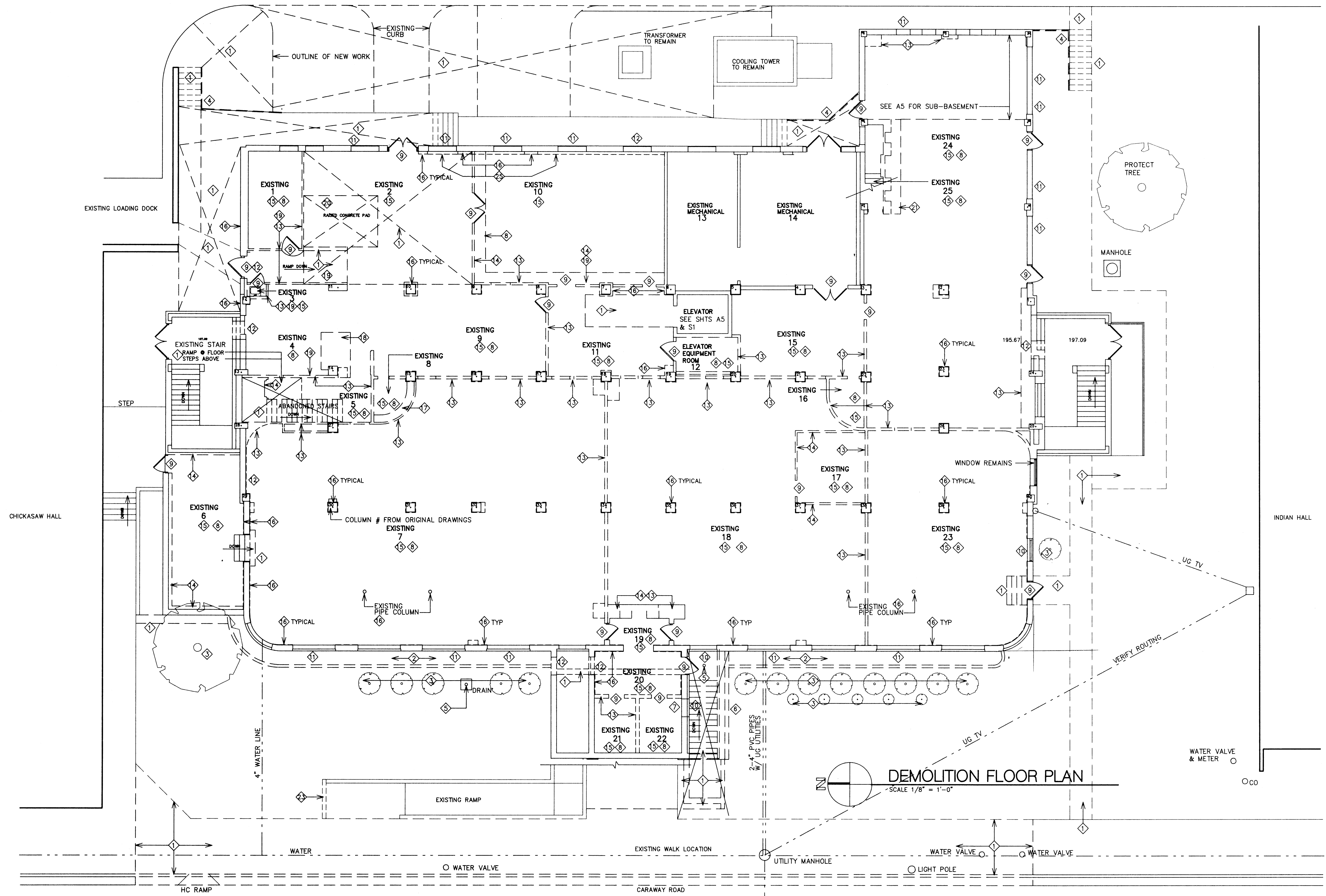


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A3

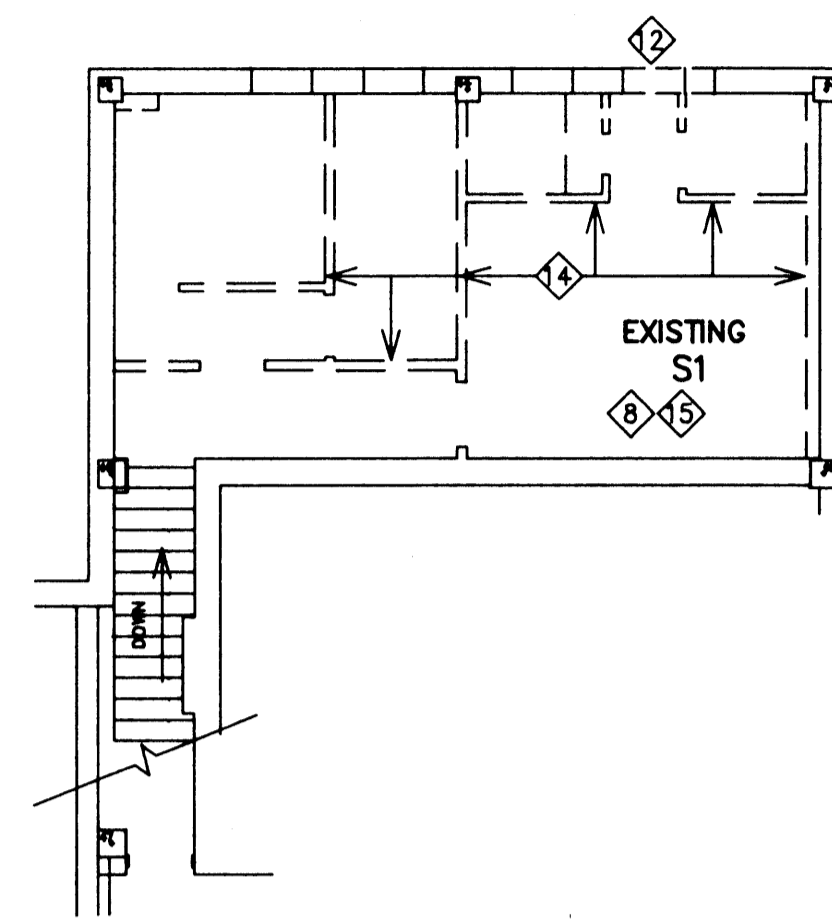


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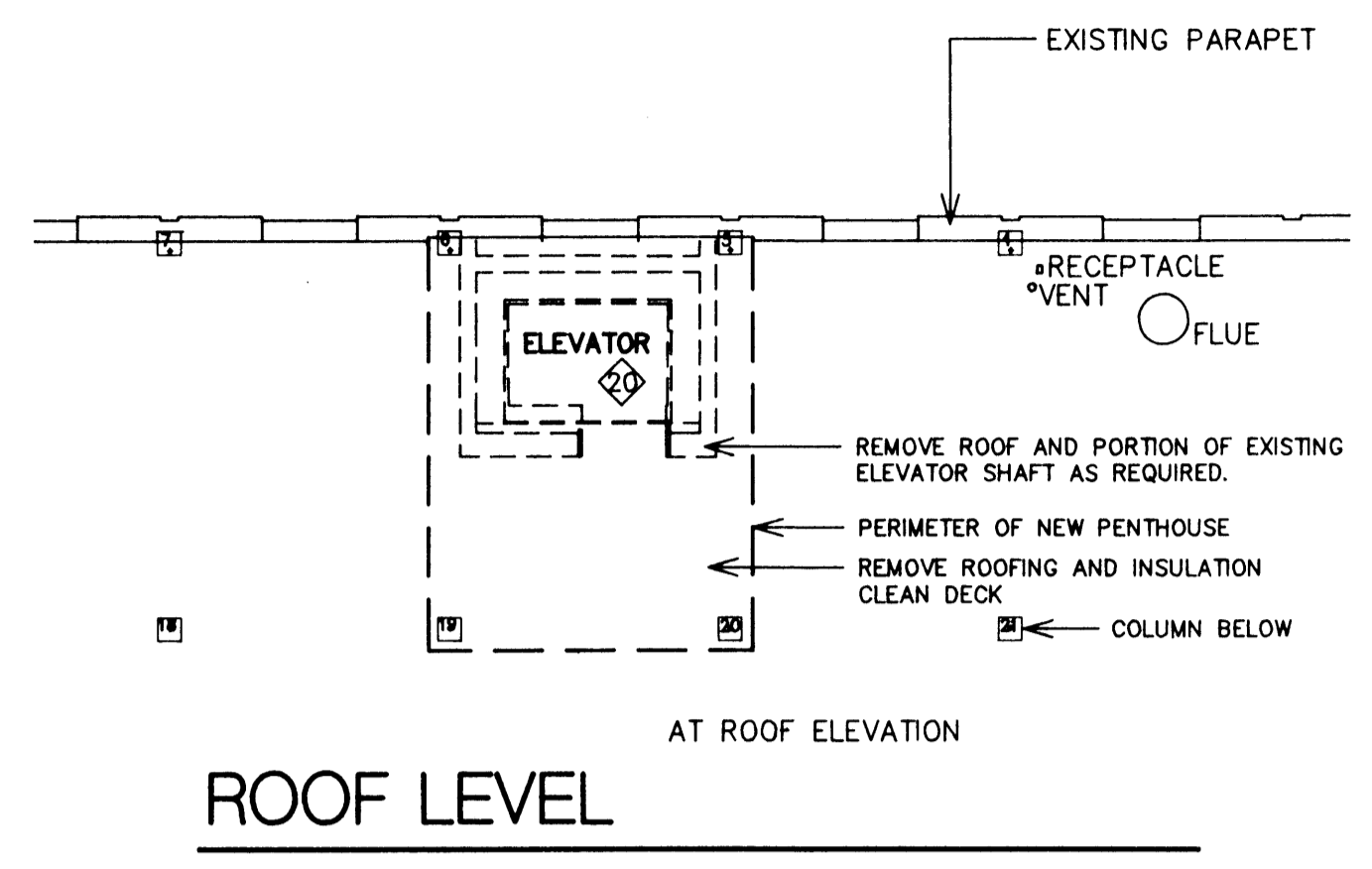
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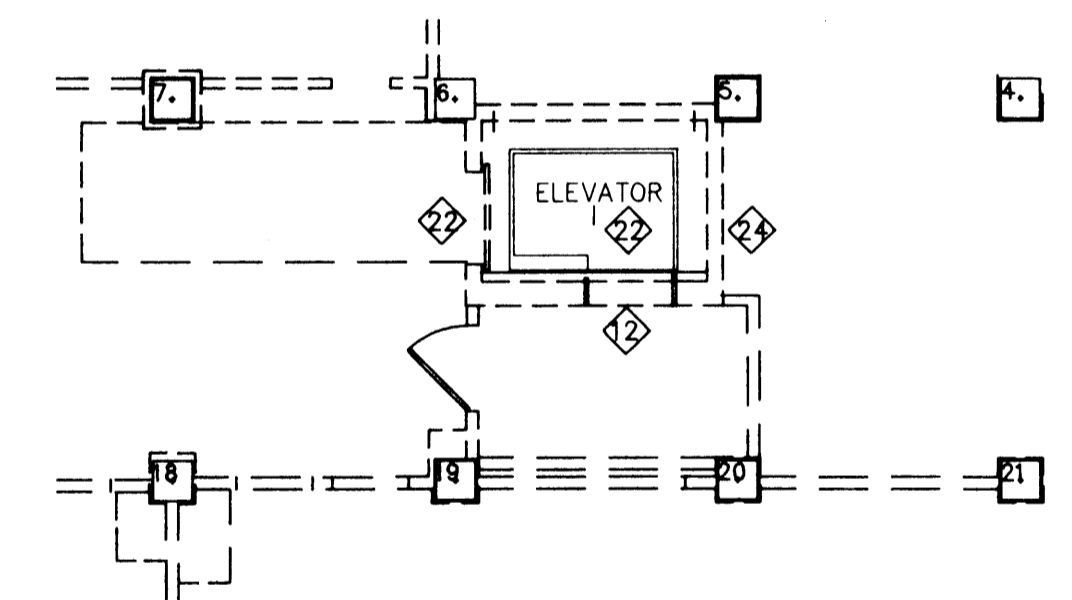
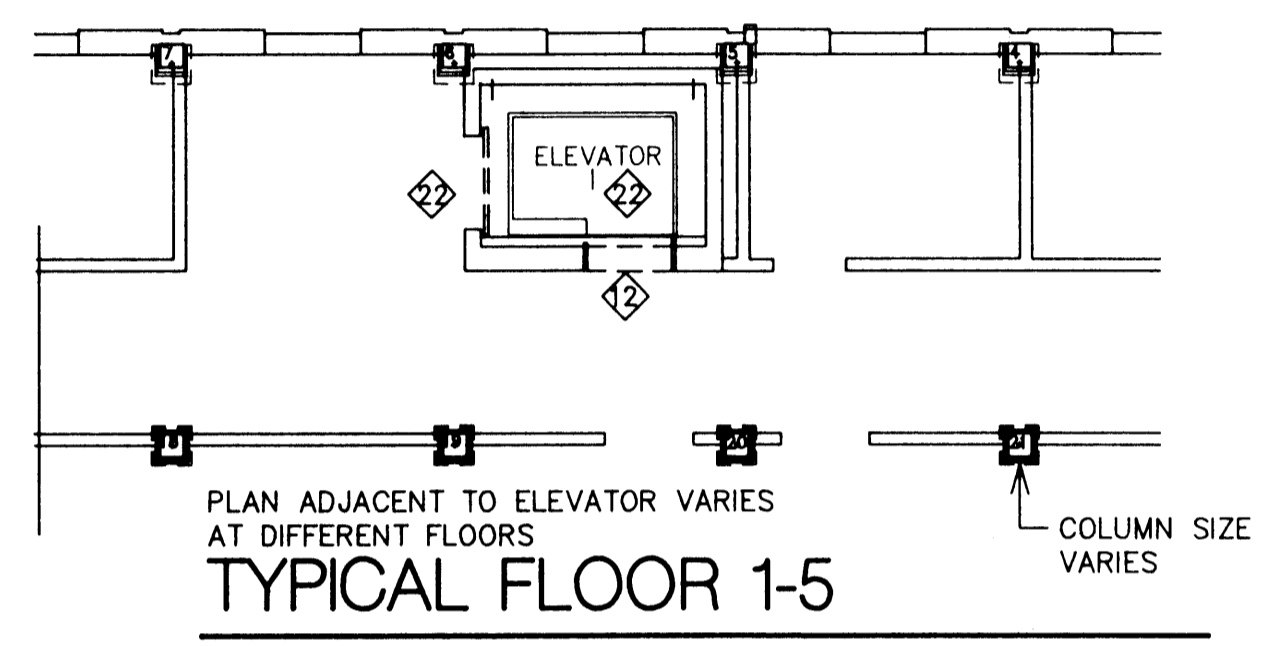
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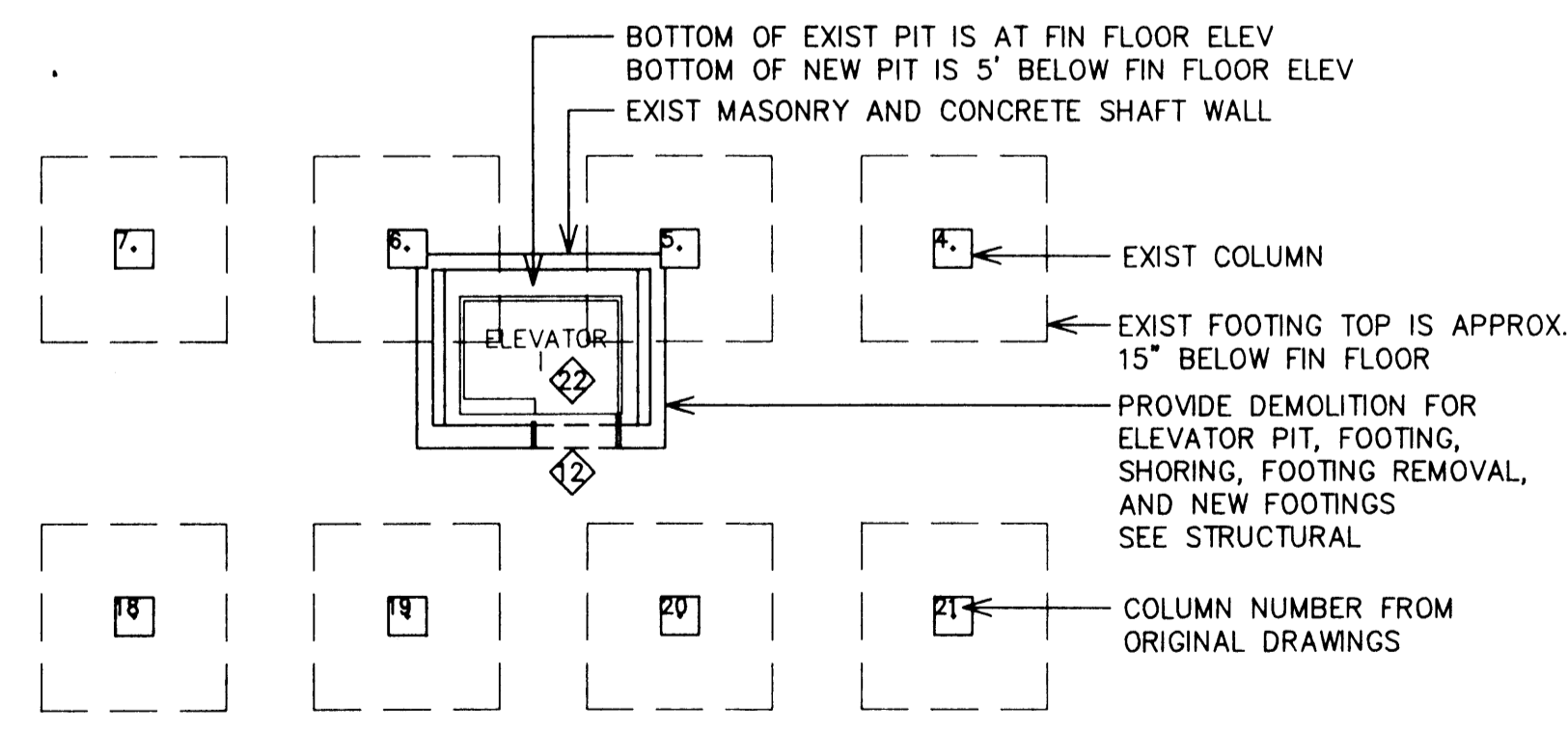
DEMOLITION
SUB-BASEMENT FLOOR PLAN
SCALE 1/8" = 1'-0"



ROOF LEVEL



FLOOR PLAN - BASEMENT



FLOOR PLAN - PIT

SEE DEMOLITION FLOOR PLAN FOR ADJACENT DEMOLITION
DEMOLITION
ELEVATOR SHAFT FLOOR PLAN
SCALE 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

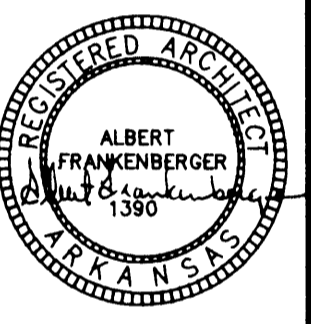
- G1 THE DEMOLITION DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF THE DEMOLITION WORK. THEY ARE NOT INTENDED TO SHOW EVERY ITEM OR BE USED TO DETERMINE QUANTITIES.
- G2 THE CONTRACTOR SHALL PERFORM ALL DEMOLITION NECESSARY TO ACCOMPLISH THE NEW WORK.
- G3 SEE SPECIFICATIONS AND OTHER SHEETS FOR STRUCTURAL, MECHANICAL AND ELECTRICAL DEMOLITION.
- G4 THE OWNER WILL REMOVE ANY EXISTING MATERIALS THEY DESIRE TO SALVAGE FROM THE CONSTRUCTION AREA PRIOR TO THE NOTICE TO PROCEED.
- G5 UNLESS OTHERWISE INDICATED, ALL DEMOLISHED MATERIALS ARE THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL DEMOLISHED MATERIALS. THE CONTRACTOR SHALL DELIVER THE FOLLOWING DEMOLISHED ITEMS TO THE OWNER: DOOR LOCKS
- G6 REMOVE MISCELLANEOUS ITEMS SUCH AS NAILERS, ANCHORS, BLINDS, CURTAINS, ETC.
- G7 DEMOLITION OR DAMAGE IN EXCESS OF THAT REQUIRED SHALL BE REPAIRED TO PREVIOUS CONDITION.
- G8 CUT NEW OPENINGS AND CLOSE ABANDONED OPENINGS AS REQUIRED FOR MECHANICAL AND ELECTRICAL WORK.
- G9 PROVIDE ADEQUATE SHORING BEFORE PERFORMING DEMOLITION OR EXCAVATION WORK.
- G10 LOCATE, PROTECT AND RE-ROUTE EXTERIOR UTILITIES AS REQUIRED BY NEW WORK.
- G11 ERECT DUST PARTITIONS AS NECESSARY TO KEEP CONSTRUCTION DEBRIS OUT OF ADJACENT AREAS.
- G12 MAINTAIN REQUIRED EXITS.
- G13 PROVIDE 2 HR. RATED ENCLOSURES AT STAIR AND ELEVATOR SHAFTS AND OTHER FLOOR OPENINGS.
- G14 BARRICADE CONSTRUCTION AREA TO KEEP NON-CONSTRUCTION PERSONNEL OUT.
- G15 PROVIDE SAFETY BARRICADES AT ELEVATOR SHAFT OPENINGS AND AT OTHER HAZARDOUS AREAS.

DEMOLITION NOTES

- 1 REMOVE EXISTING CONCRETE PAVEMENT, WALKS, SLABS, STEPS, RAMPS AND CURBS.
- 2 REMOVE CONCRETE AREAWAY TOP, WALLS, FLOOR AND FOOTING.
- 3 REMOVE SHRUB OR TREE.
- 4 REMOVE RAILING.
- 5 REMOVE DRAIN AND ACCESSIBLE PIPING. CAP END.
- 6 REMOVE CONCRETE RETAINING WALL.
- 7 REMOVE VENT.
- 8 REMOVE EXISTING FLOOR FINISH AT ALL AREAS. SUBSTRATE SHALL BE SMOOTH, LEVEL, CLEAN AND BE ACCEPTABLE TO NEW FINISH MANUFACTURER. USE PROPER PREPARATION AND INSTALLATION METHODS.
- 9 REMOVE DOOR AND FRAME. PREPARE OPENING FOR NEW CONSTRUCTION.
- 10 REMOVE WINDOW AND FRAME. PREPARE OPENING FOR NEW CONSTRUCTION.
- 11 REMOVE WINDOW INFILL AND/OR CUT OPENING FOR NEW WINDOW.
- 12 PROVIDE OPENING FOR NEW DOOR.
- 13 REMOVE CLAY OR CONCRETE MASONRY WALL, FURRING, CHASE, ETC.
- 14 REMOVE FRAME WALL CONSTRUCTION.
- 15 REMOVE CEILING & INSULATION. MULTIPLE CEILINGS EXIST AT SOME LOCATIONS.
- 16 REMOVE PLASTER AND MASONRY FINISH FROM WALLS, COLUMNS AND CHASES. WHEN APPROVED BY THE ARCHITECT AND OWNER, TIGHTLY ADHERED PLASTER MAY BE ALLOWED TO REMAIN IF IT DOES NOT INTERFERE WITH NEW FINISHES OR CONSTRUCTION AND DOES NOT IMPACT ON THE SIZE OF THE SPACE.
- 17 REMOVE WOOD SHELVES.
- 18 REMOVE CHIMNEY CONSTRUCTION. SEAL ALL FLOOR PENETRATIONS.
- 19 REMOVE CONCRETE CURB AT WALL BASE.
- 20 REMOVE RAISED CONCRETE PAD.
- 21 REMOVE FIREPLACE AND ADJACENT CONSTRUCTION.
- 22 REMOVE ELEVATOR, EQUIPMENT, DOORS, LADDER, PENTHOUSE AND ACCESSORY ITEMS.
- 23 REMOVE BRICK MASONRY CURB TO FOOTING.
- 24 REMOVE ELEVATOR SHAFT AND PIT CONSTRUCTION AS REQUIRED FOR NEW WORK.
- 25 REMOVE HORIZONTAL WALL CHASE.

SYMBOL LEGEND

- ITEM TO BE REMOVED OR HIDDEN ITEM TO REMAIN
- ◇ DEMOLITION NOTE



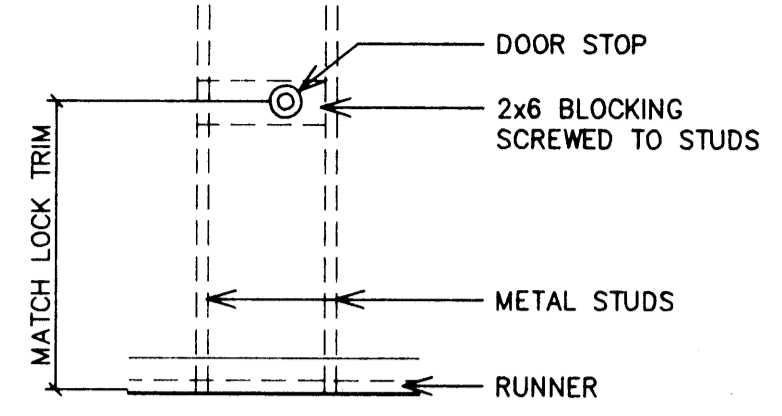
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ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

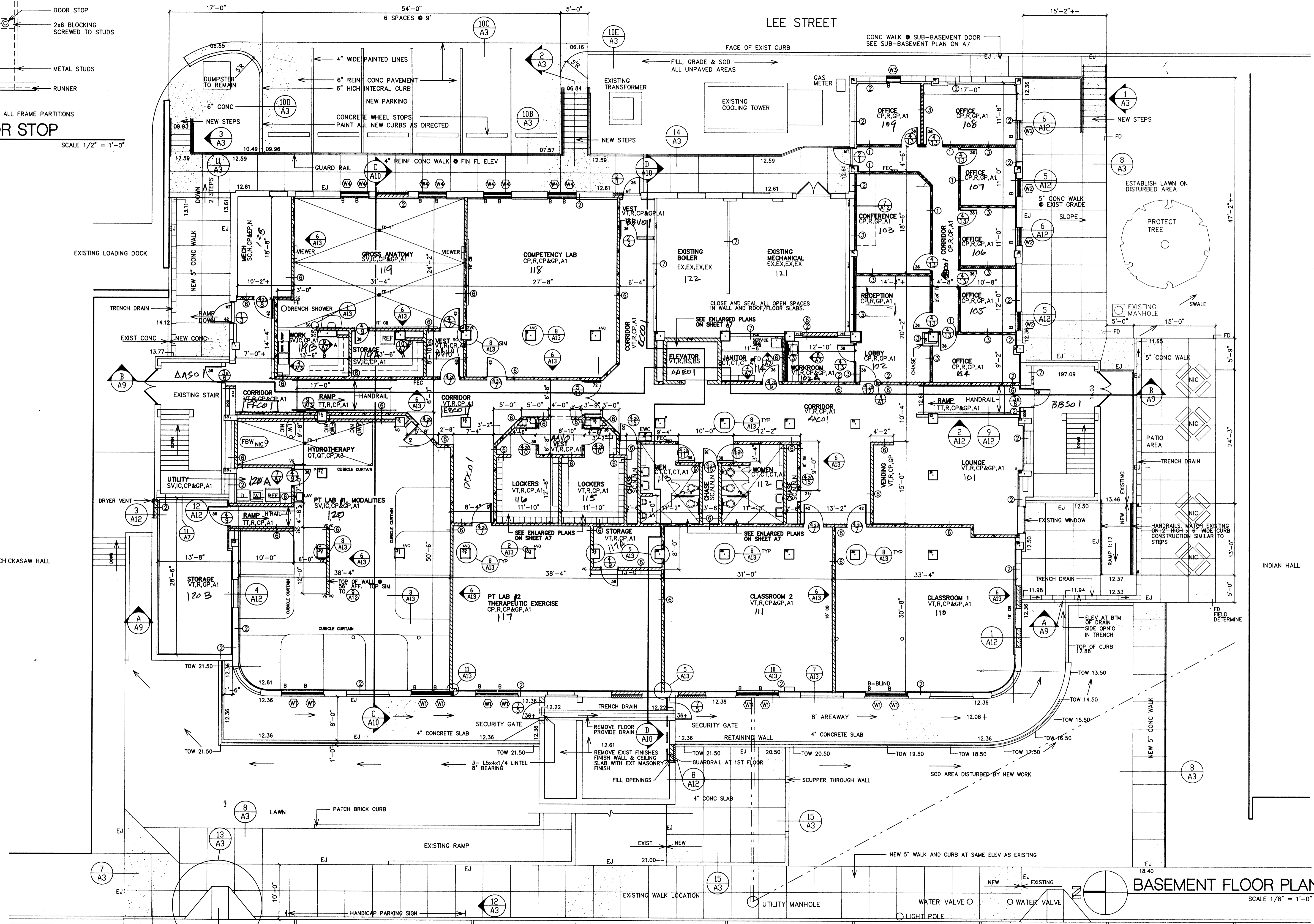
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A5



TYPICAL AT ALL FRAME PARTITIONS
1
A6
SCALE 1/2" = 1'-0"



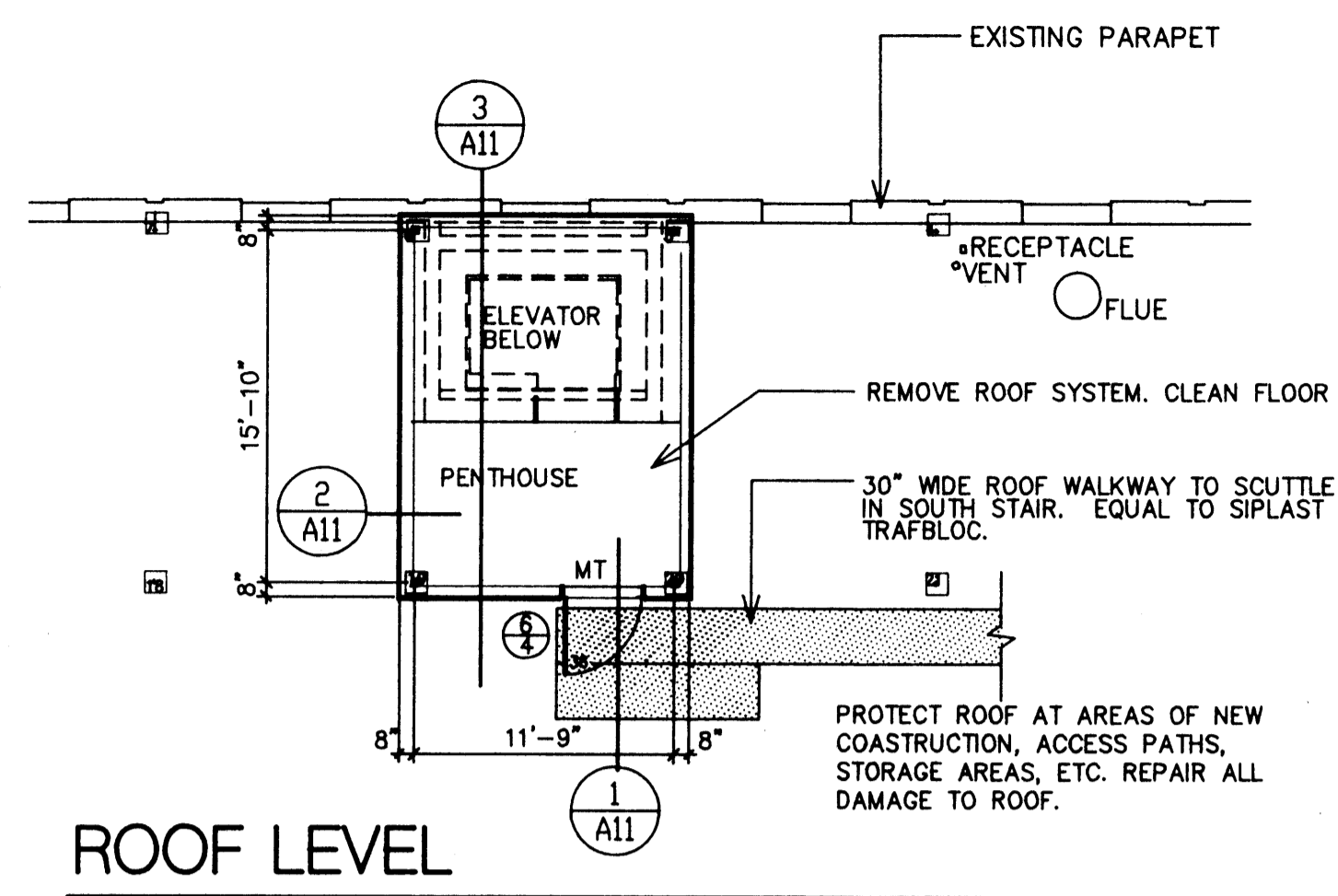
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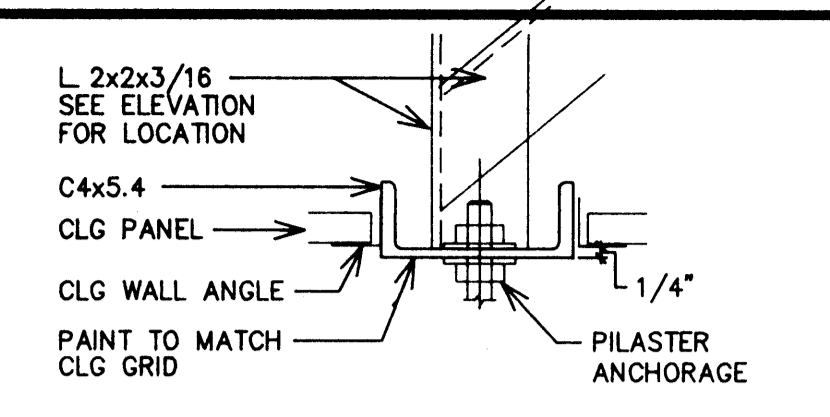
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A6

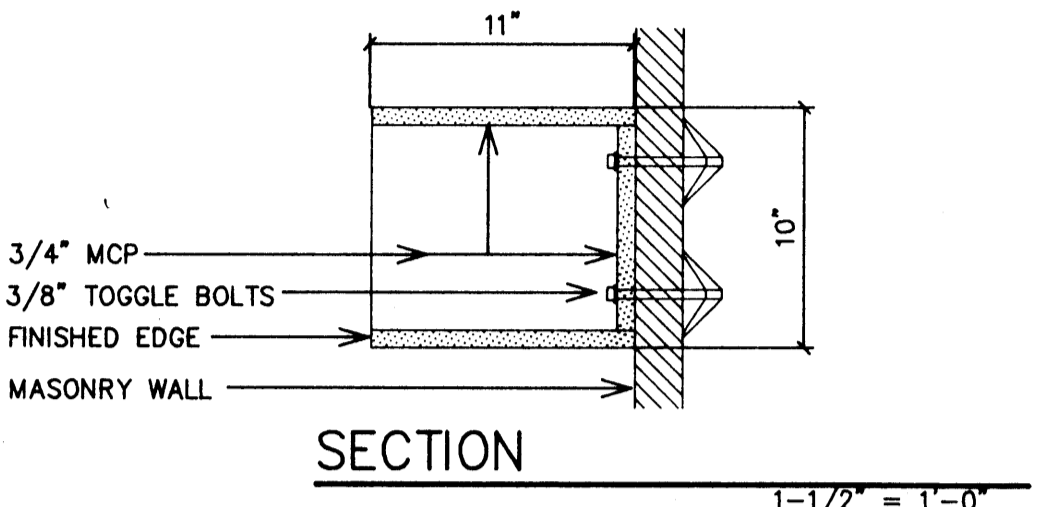
BASEMENT FLOOR PLAN
SCALE 1/8" = 1'-0"



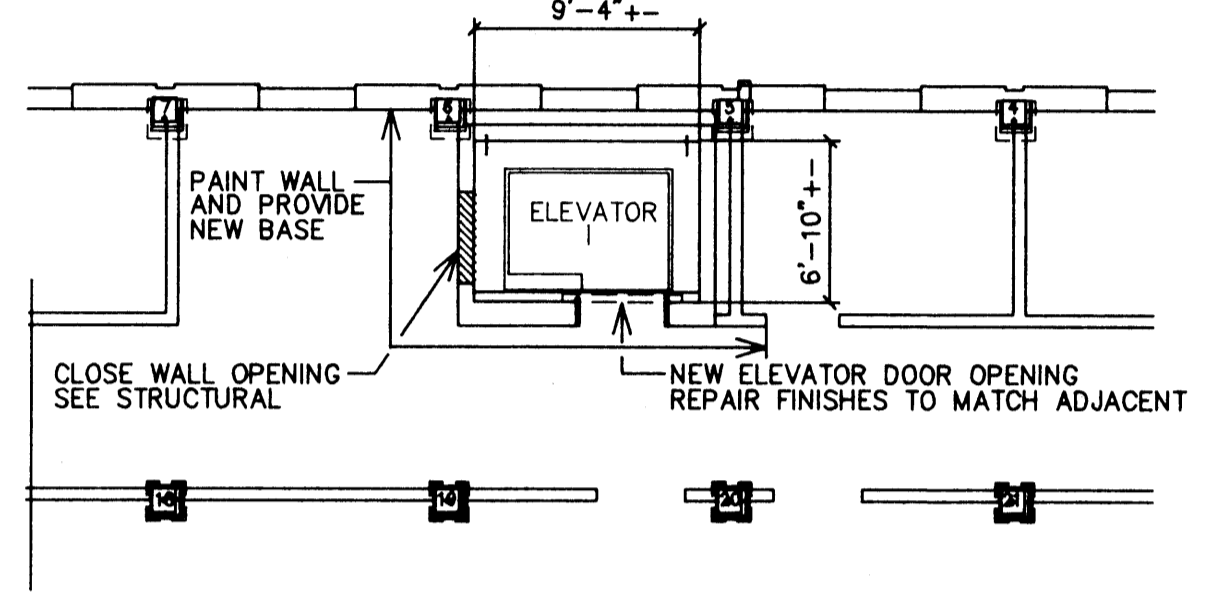
ROOF LEVEL



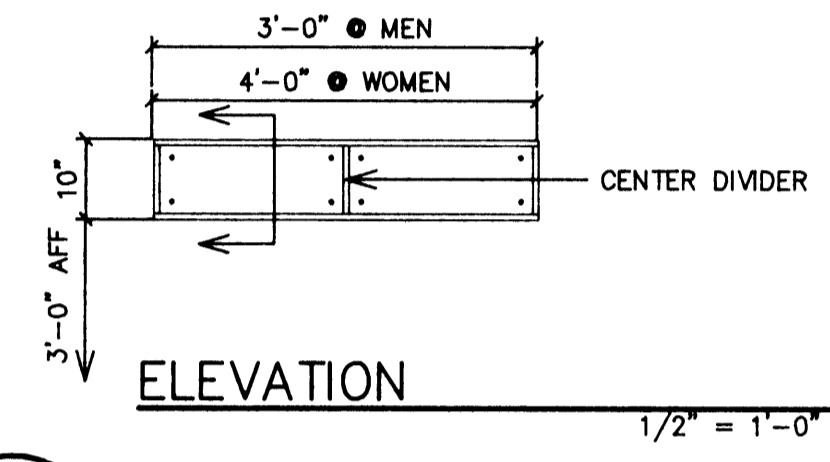
1 PARTITION HANGER
SCALE 1-1/2" = 1'-0"



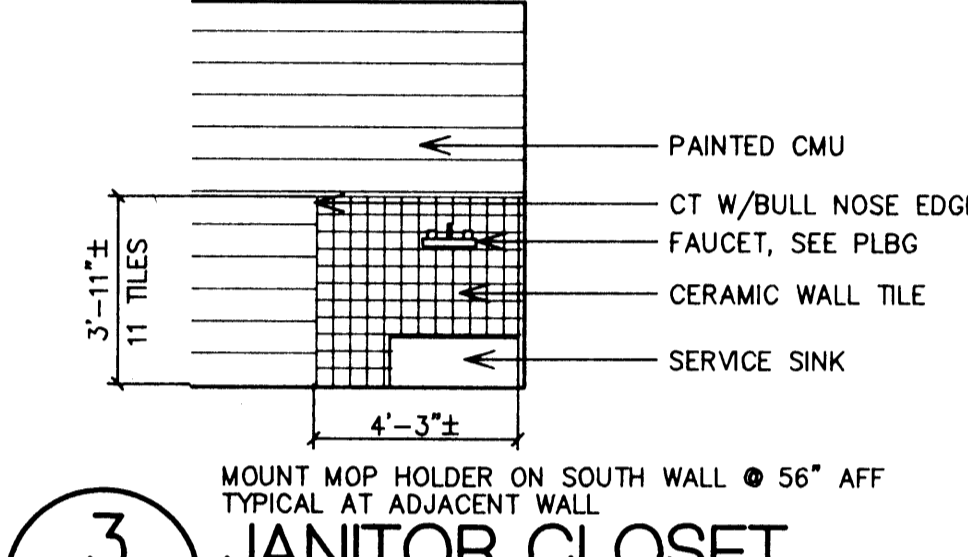
SECTION
1-1/2" = 1'-0"



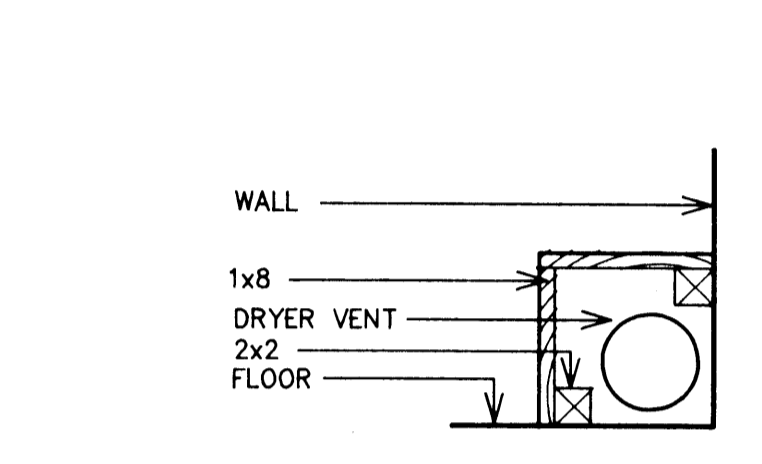
TYPICAL FLOOR 1-5



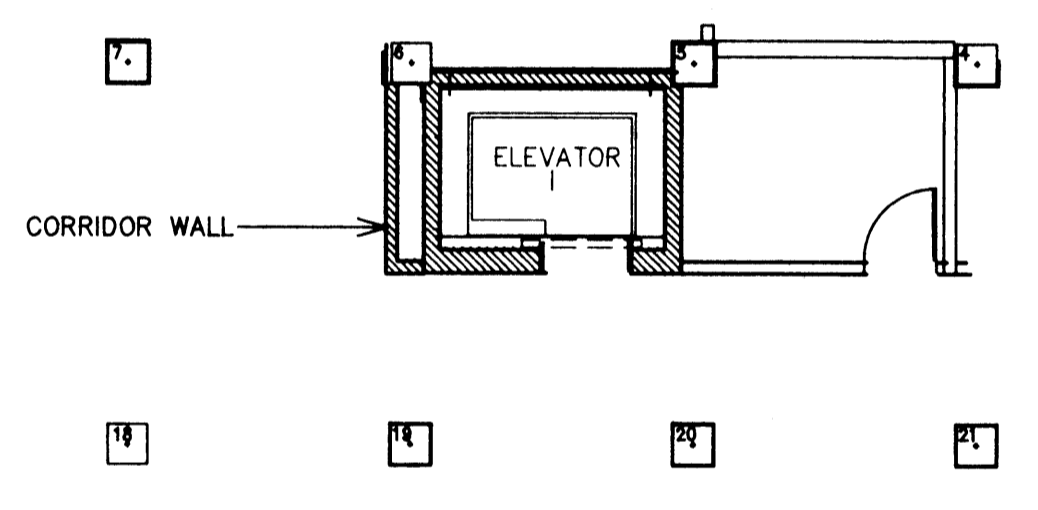
2 BOOK DROP
SCALE AS NOTED



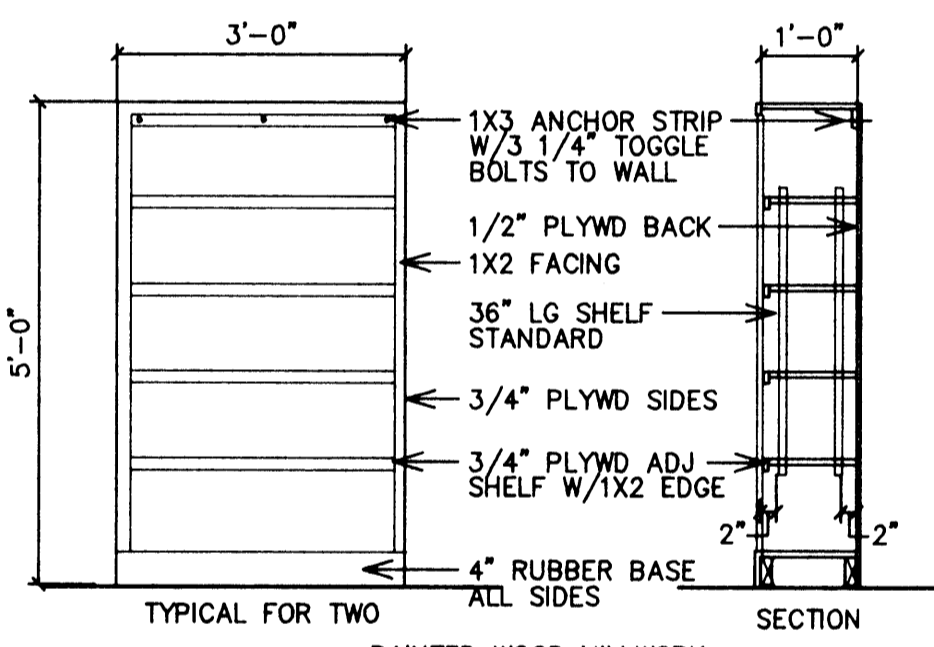
3 JANITOR CLOSET
SCALE 1/4" = 1'-0"



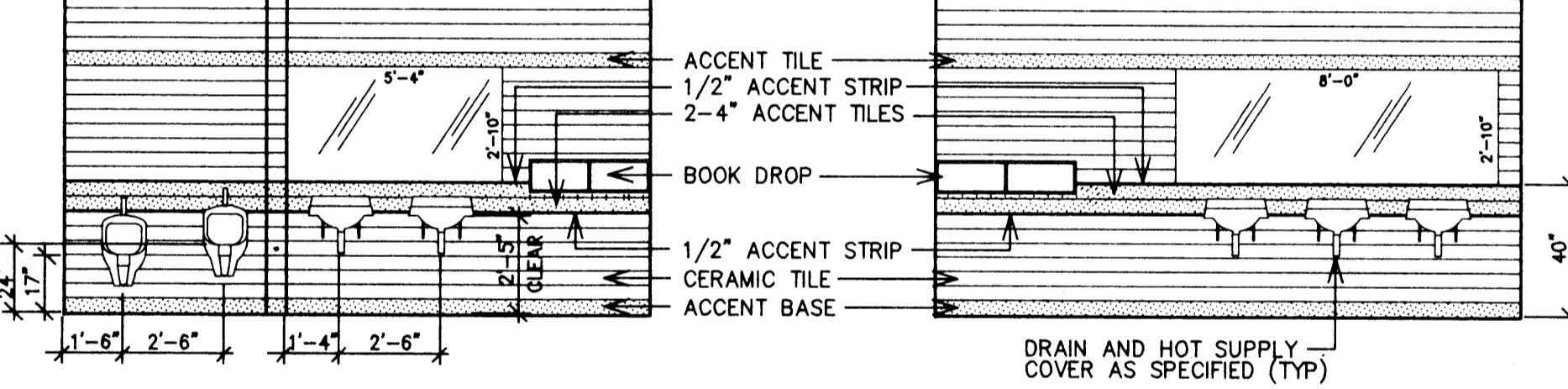
11 JANITOR CLOSET
SCALE 1-1/2" = 1'-0"



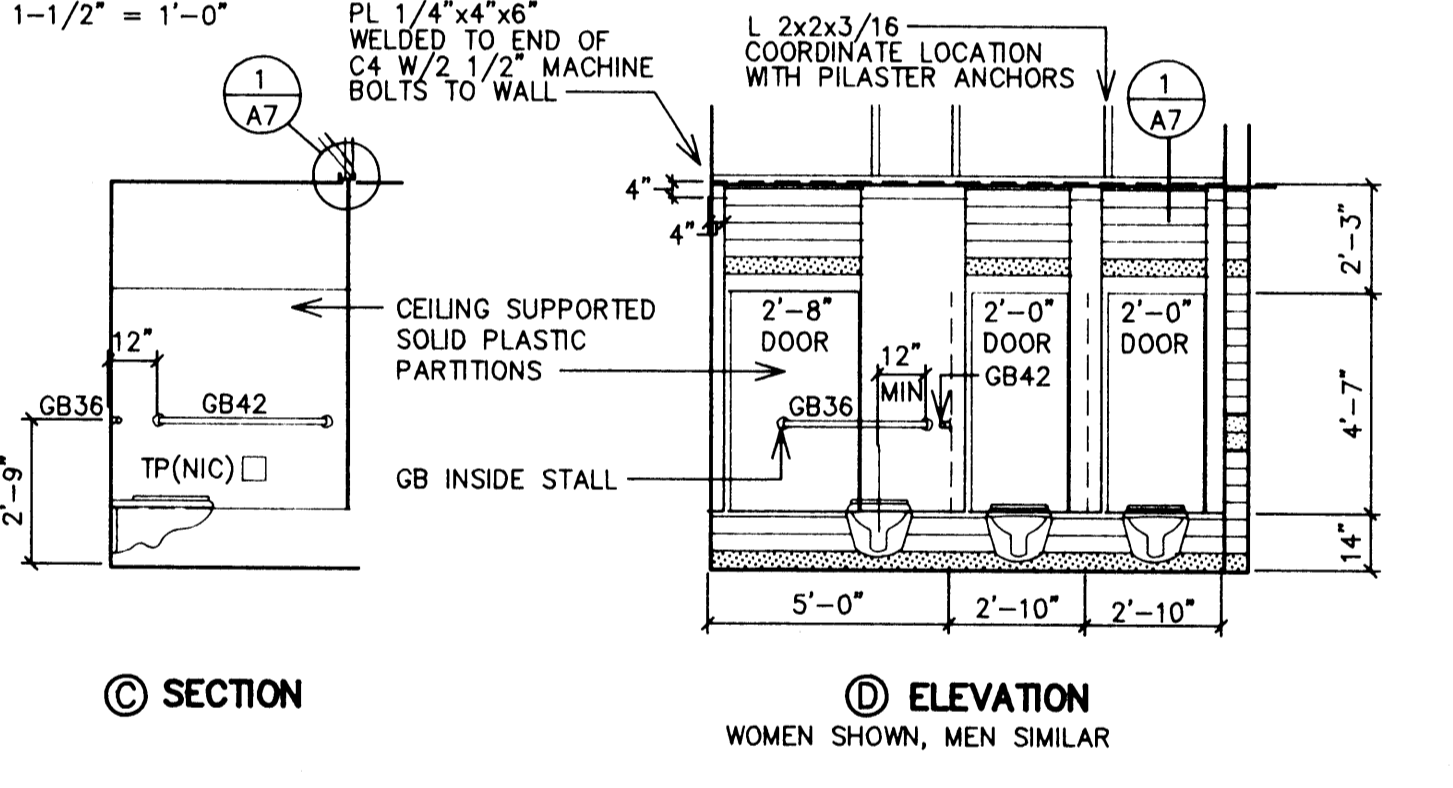
FLOOR PLAN - BASEMENT



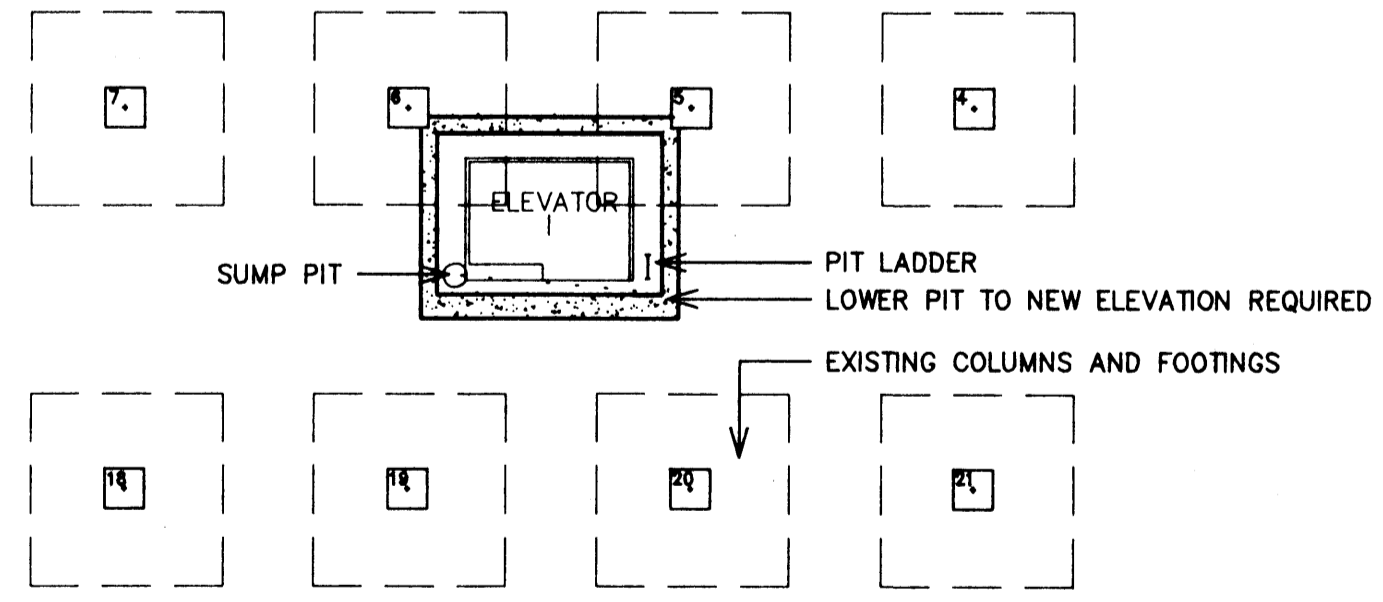
4 JANITOR
SCALE 1/2" = 1'-0"



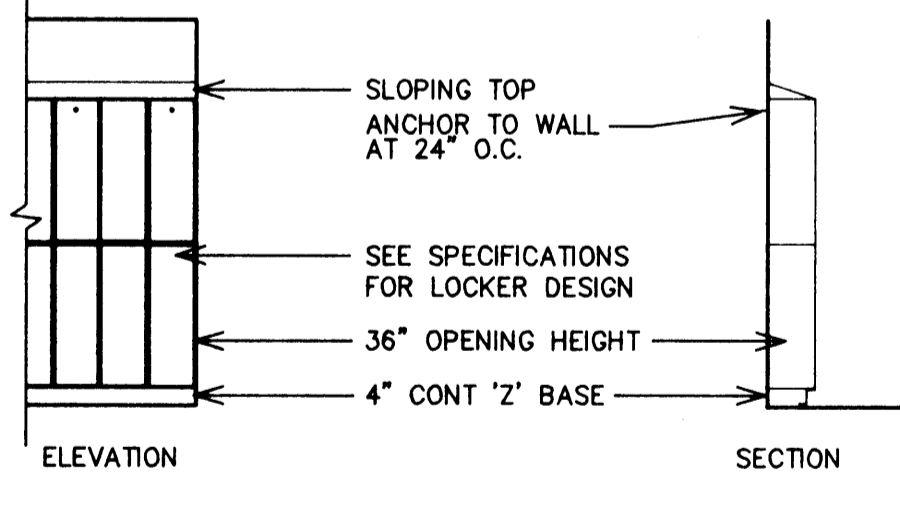
5 TOILET ELEVATIONS



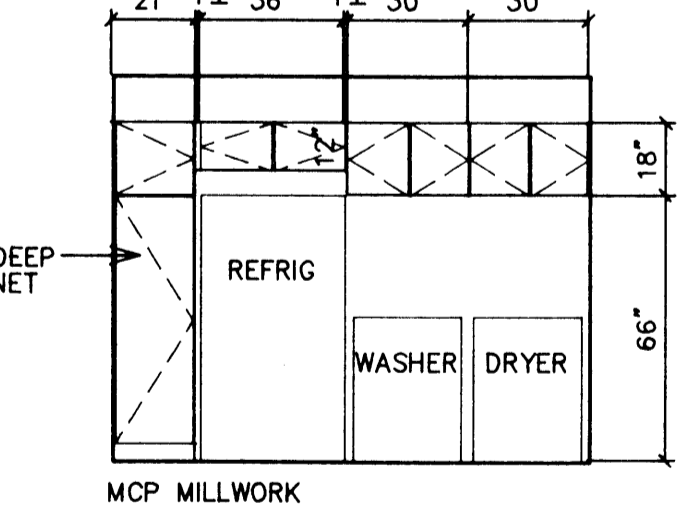
11 JANITOR CLOSET
SCALE 1-1/2" = 1'-0"



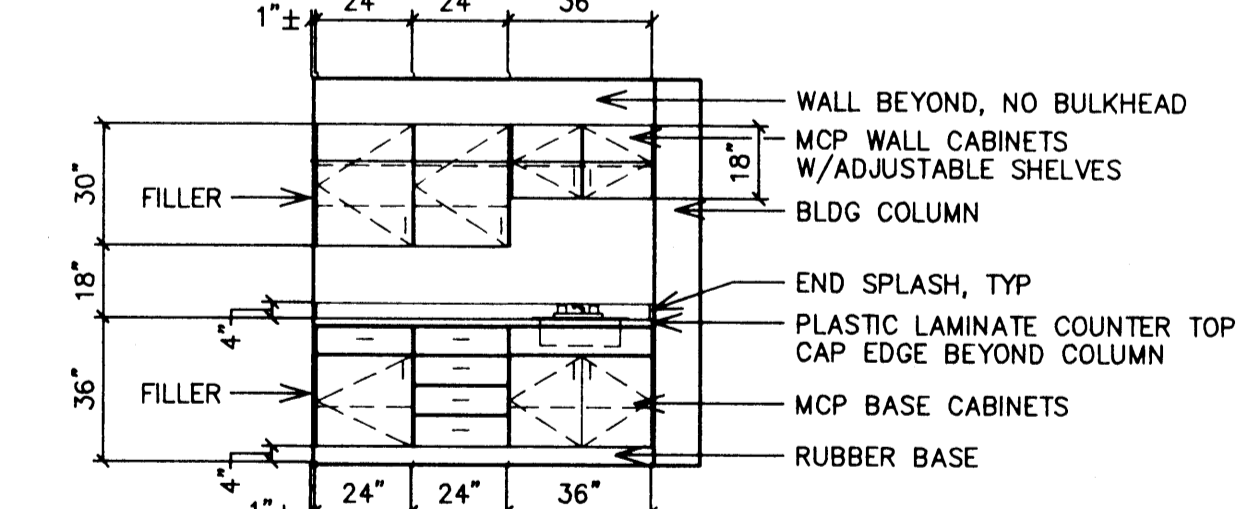
FLOOR PLAN - PIT SEE STRUCTURAL



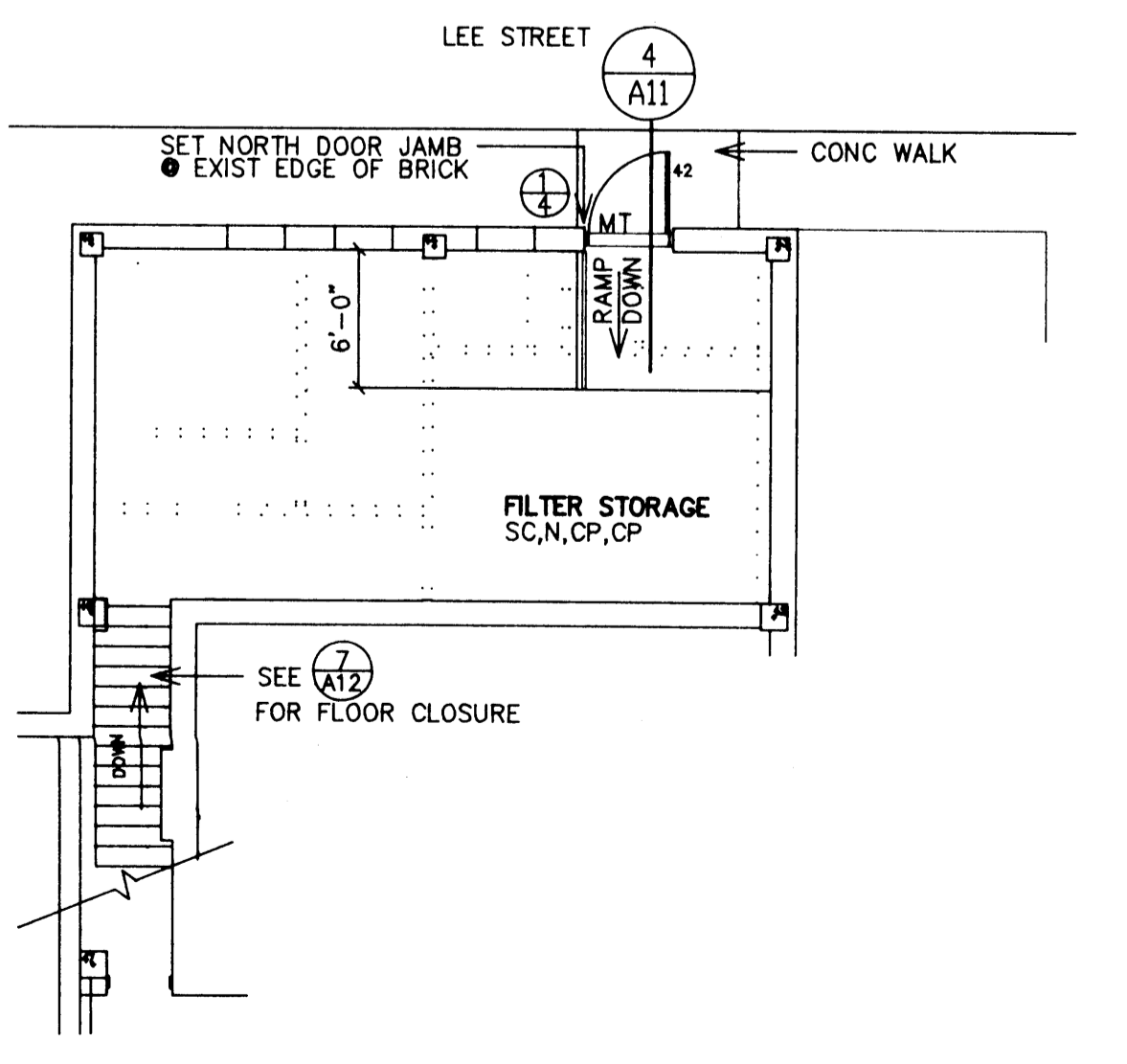
6 LOCKER DETAILS
SCALE 1/4" = 1'-0"



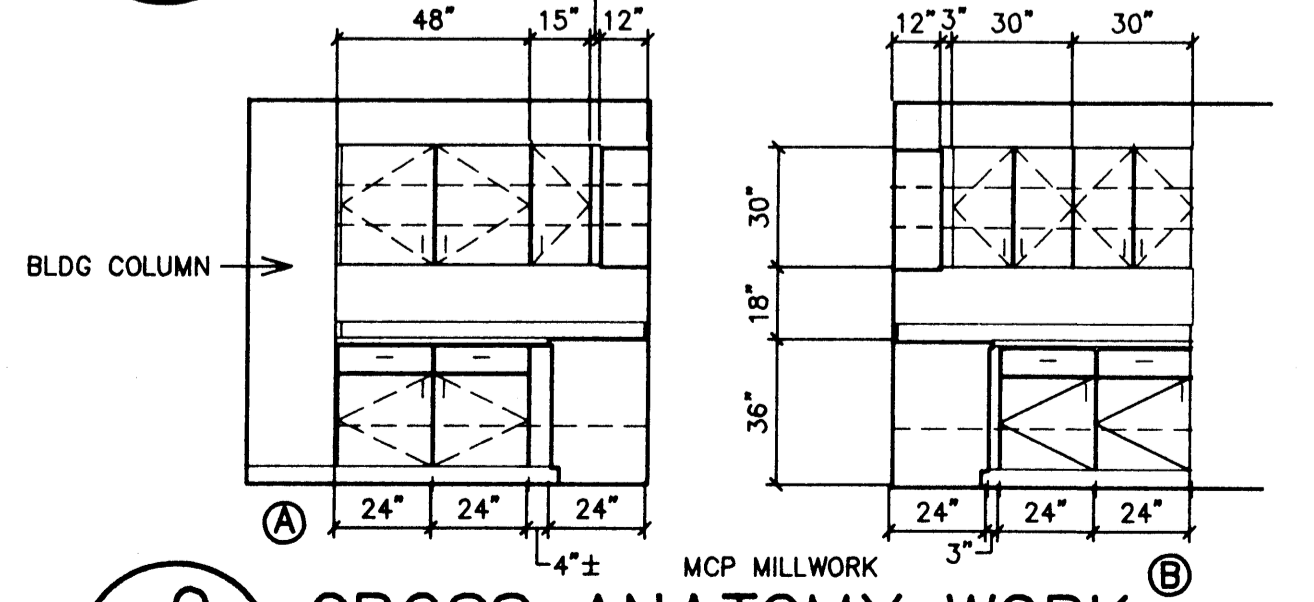
7 UTILITY
SCALE 1/4" = 1'-0"



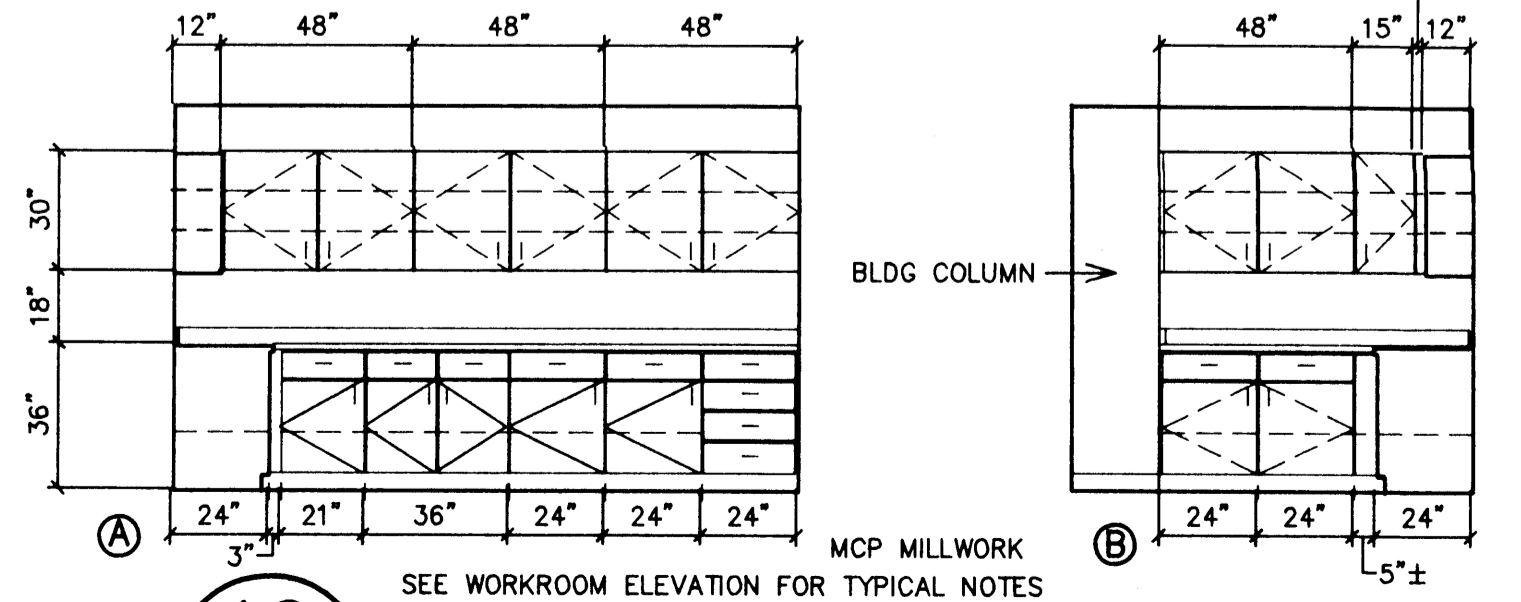
8 WORK ROOM
SCALE 1/4" = 1'-0"



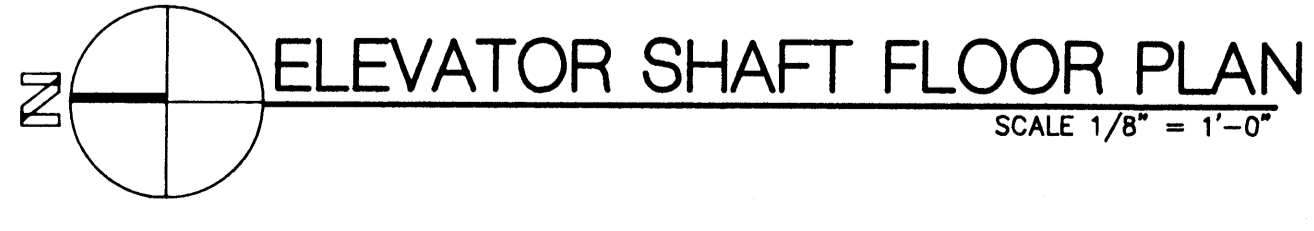
SUB-BASEMENT FLOOR PLAN
SCALE 1/8" = 1'-0"



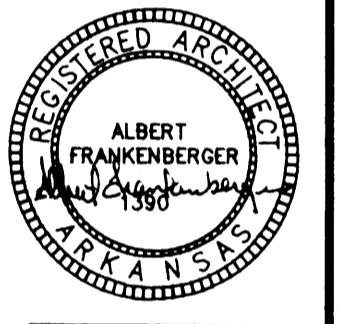
9 GROSS ANATOMY WORK
SCALE 1/4" = 1'-0"



10 GROSS ANATOMY STORAGE
SCALE 1/4" = 1'-0"



ELEVATOR SHAFT FLOOR PLAN
SCALE 1/8" = 1'-0"

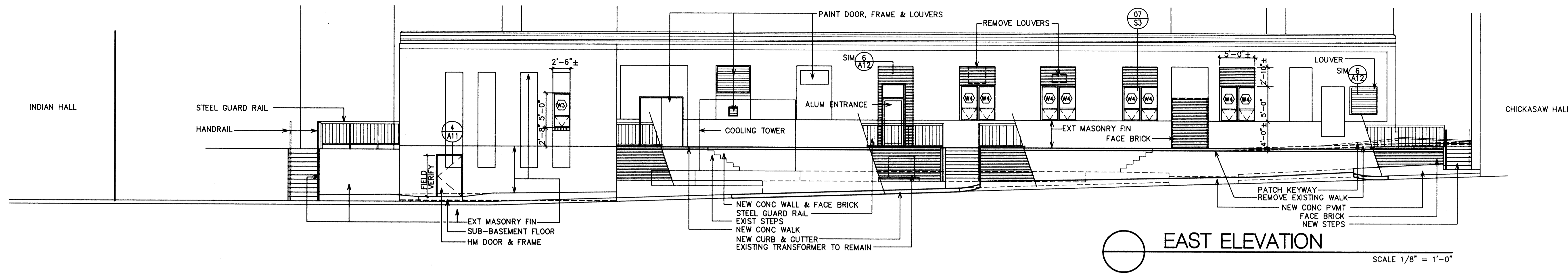


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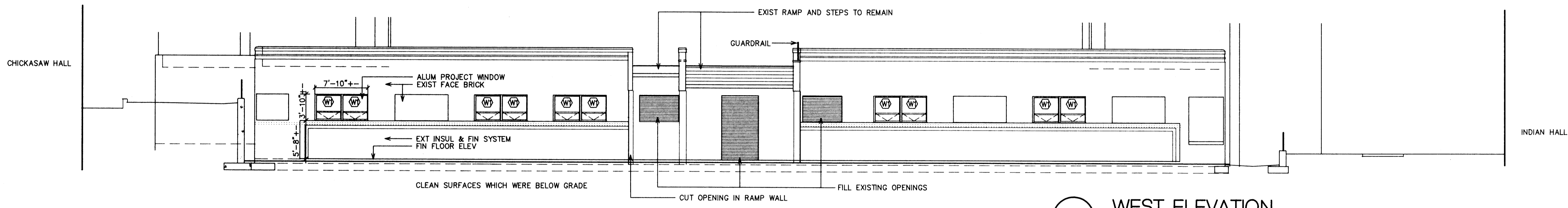
14093
3-28-94

A7



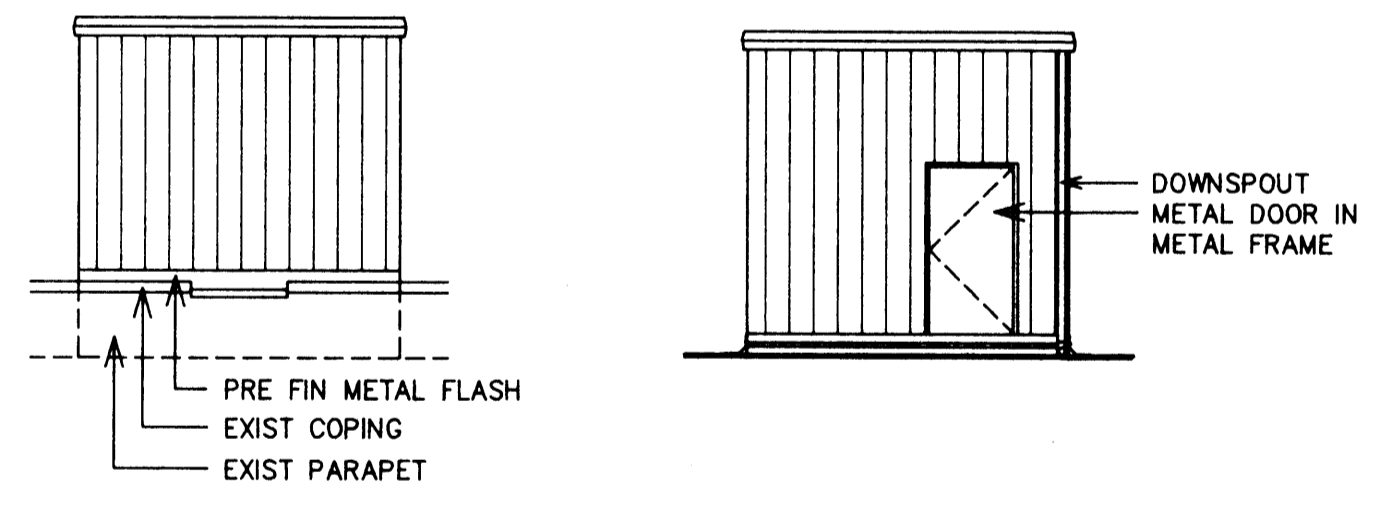
EAST ELEVATION

SCALE 1/8" = 1'-0"

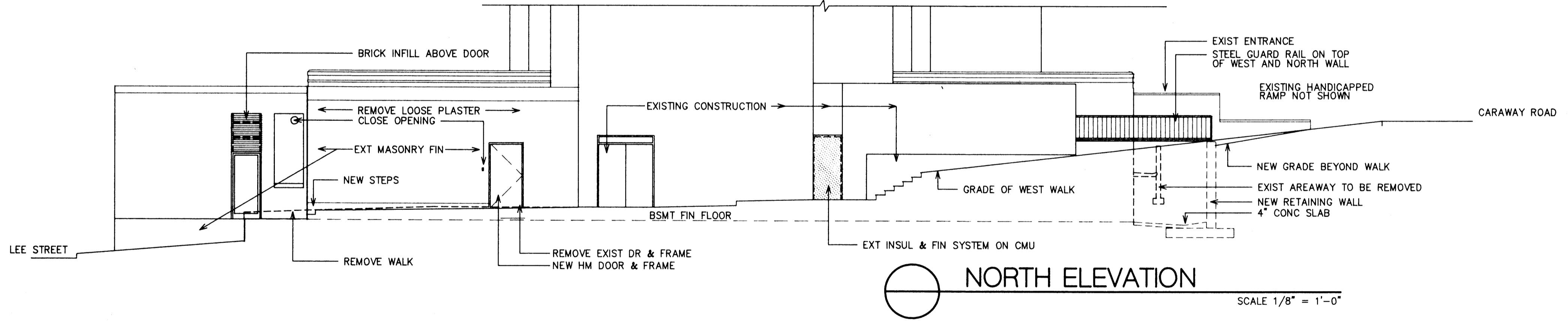


WEST ELEVATION

SCALE 1/8" = 1'-0"

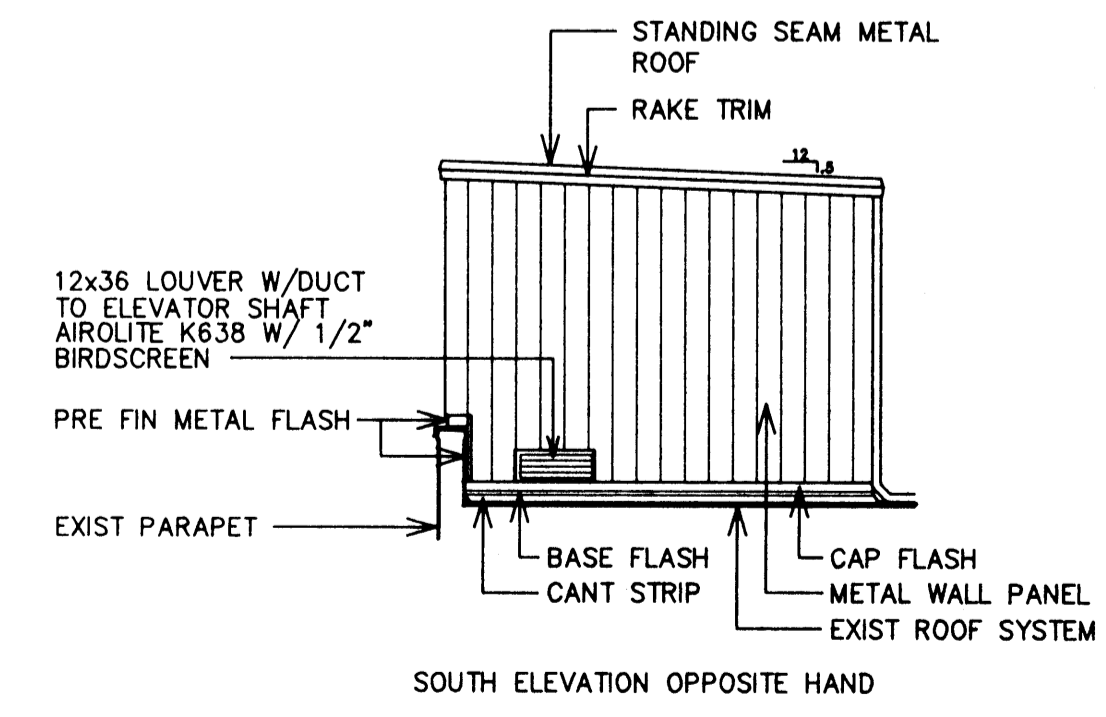


EAST ELEVATION WEST ELEVATION

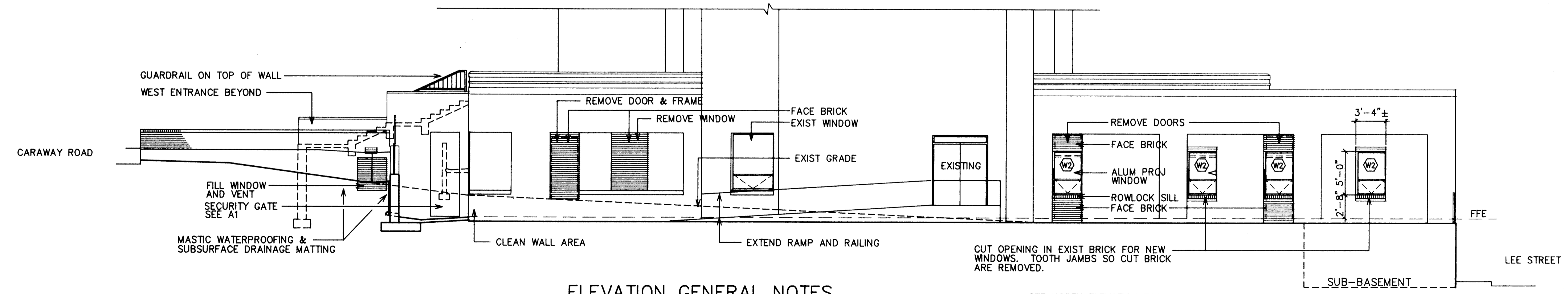


NORTH ELEVATION

SCALE 1/8" = 1'-0"



NORTH ELEVATION



SOUTH ELEVATION

SCALE 1/8" = 1'-0"

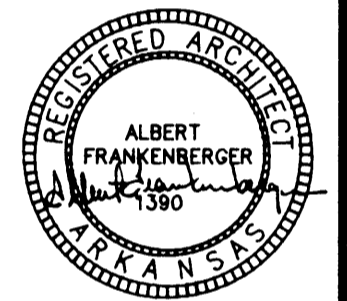
ELEVATION GENERAL NOTES

1. CLEAN ALL EXISTING METAL, CONCRETE AND MASONRY SURFACES OF BASEMENT EXTERIOR WALLS.
2. PATCH ALL HOLES IN BASEMENT EXTERIOR WALL TO MATCH ADJACENT FINISH.
3. ALL EXISTING PAINTED SURFACES ON EXTERIOR BASEMENT WALLS SHALL BE RE-FINISHED.

SEE NORTH ELEVATION FOR TYPICAL NOTES

SOUTH ELEVATION

SCALE 1/8" = 1'-0"

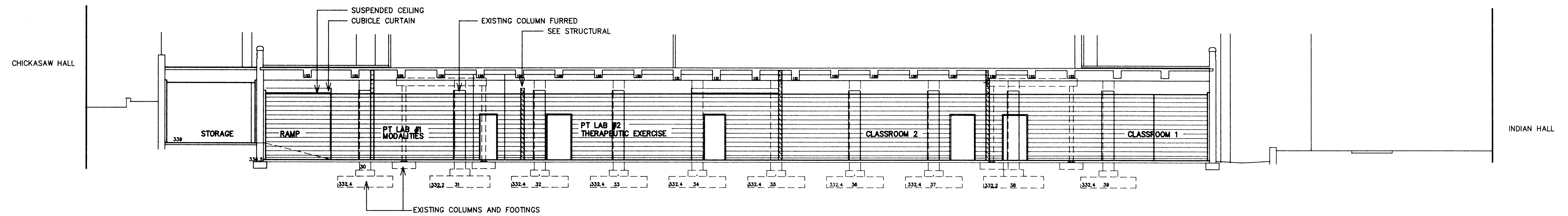


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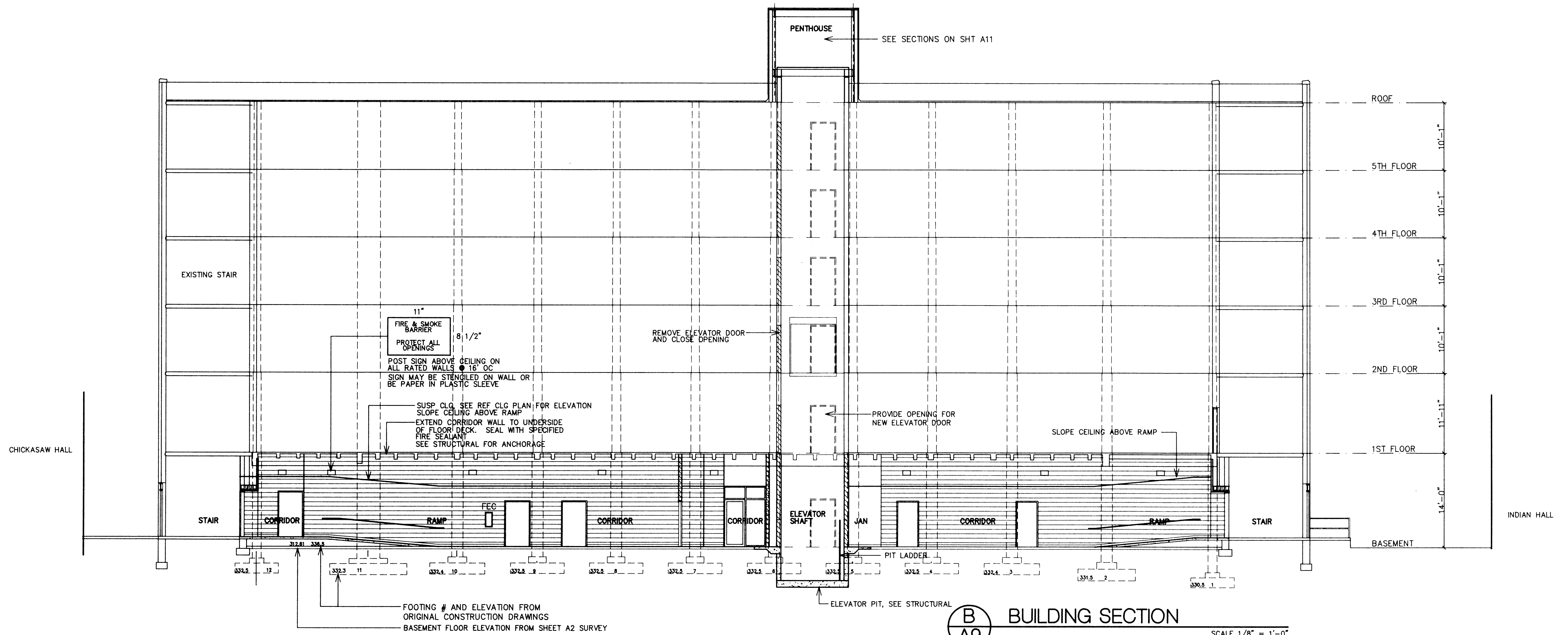
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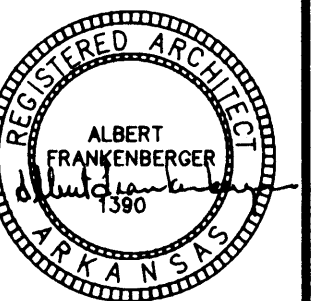
A8



A
A9 BUILDING SECTION SCALE 1/8" = 1'-0"



B
A9 BUILDING SECTION SCALE 1/8" = 1'-0"

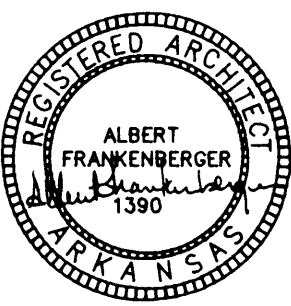
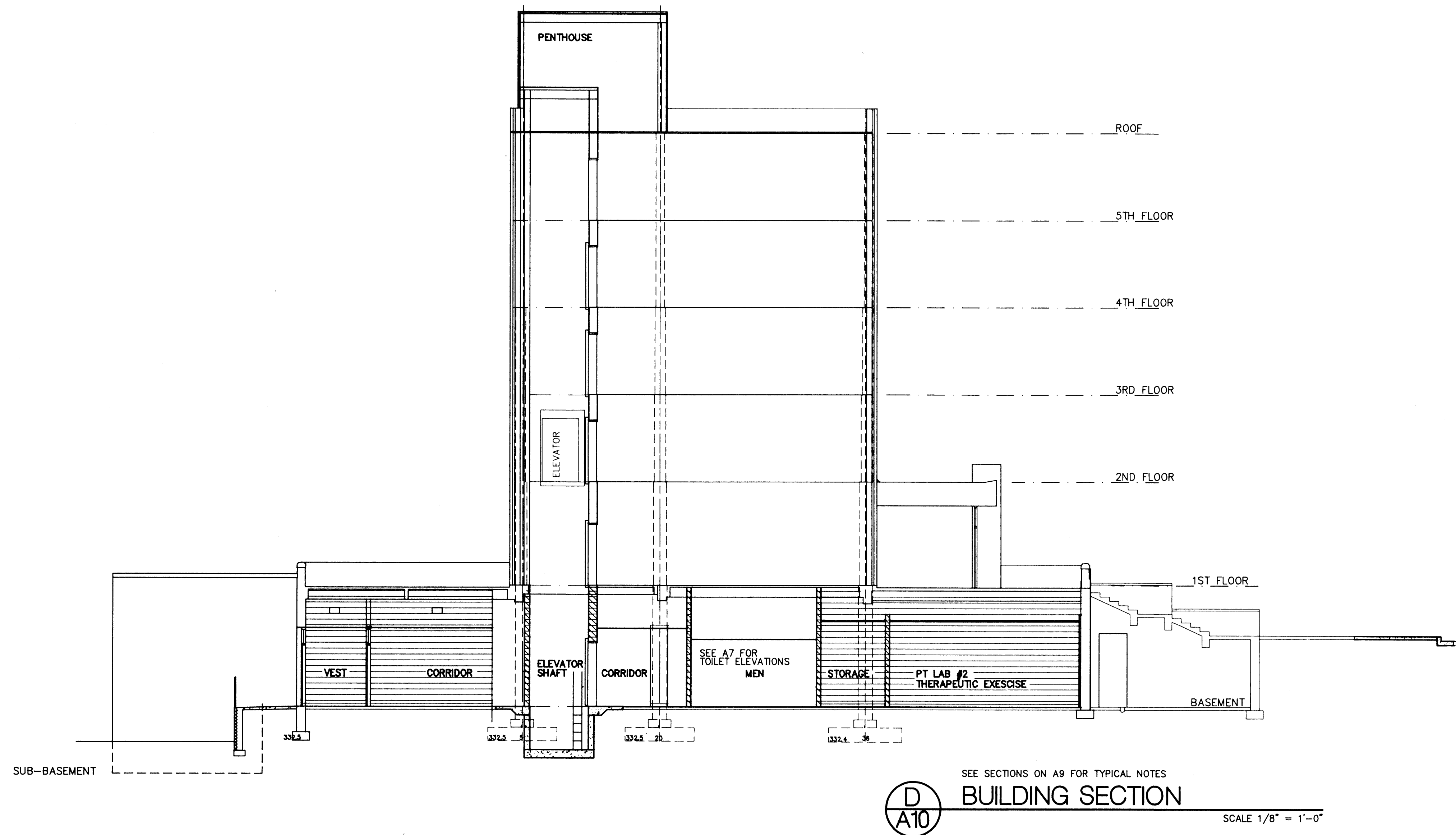
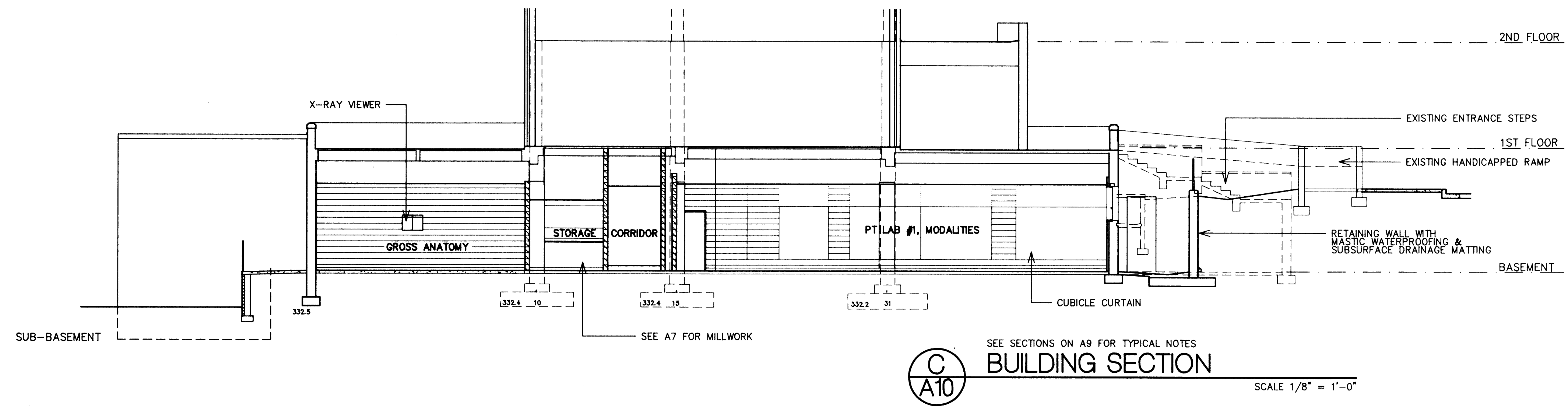


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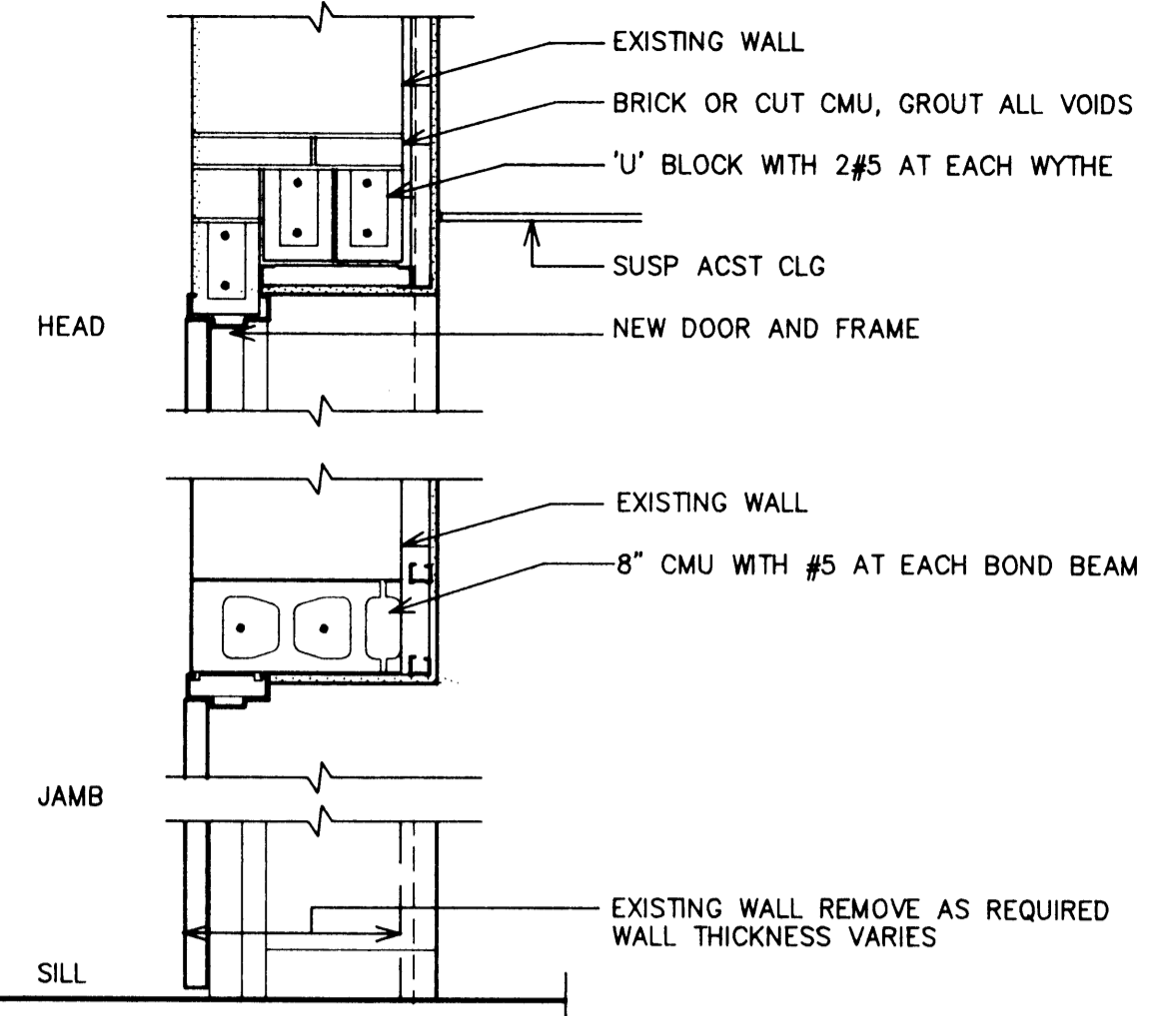


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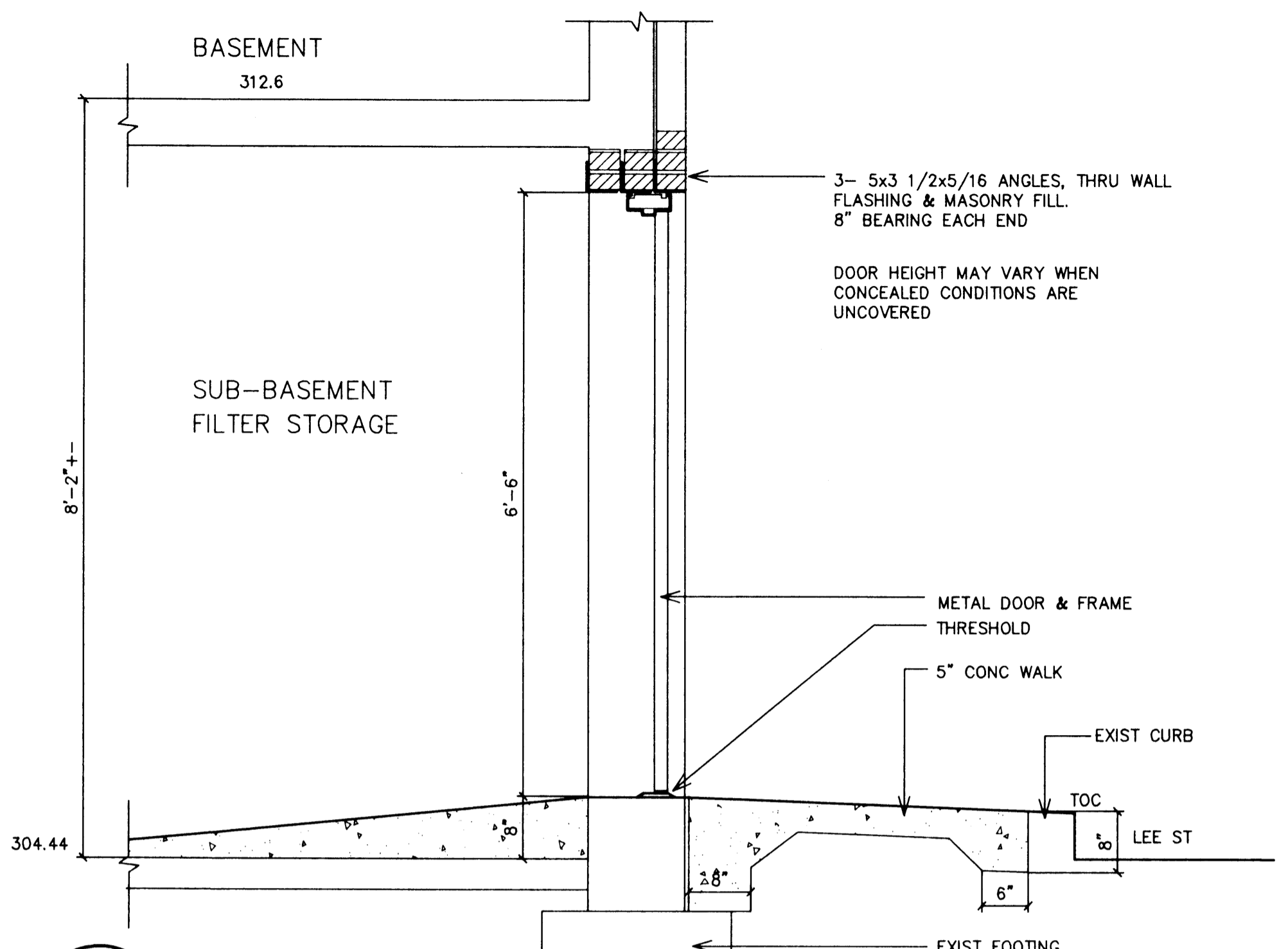
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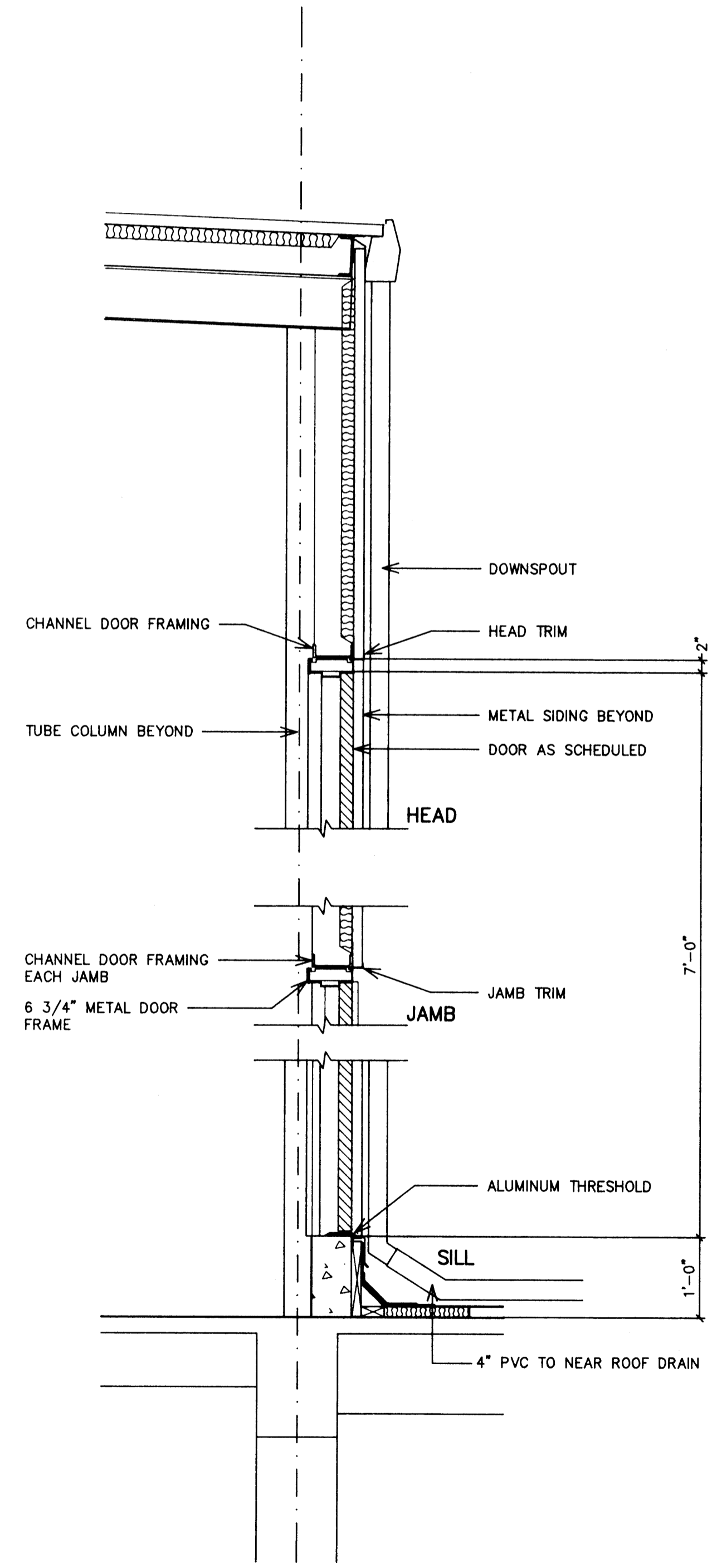
A10



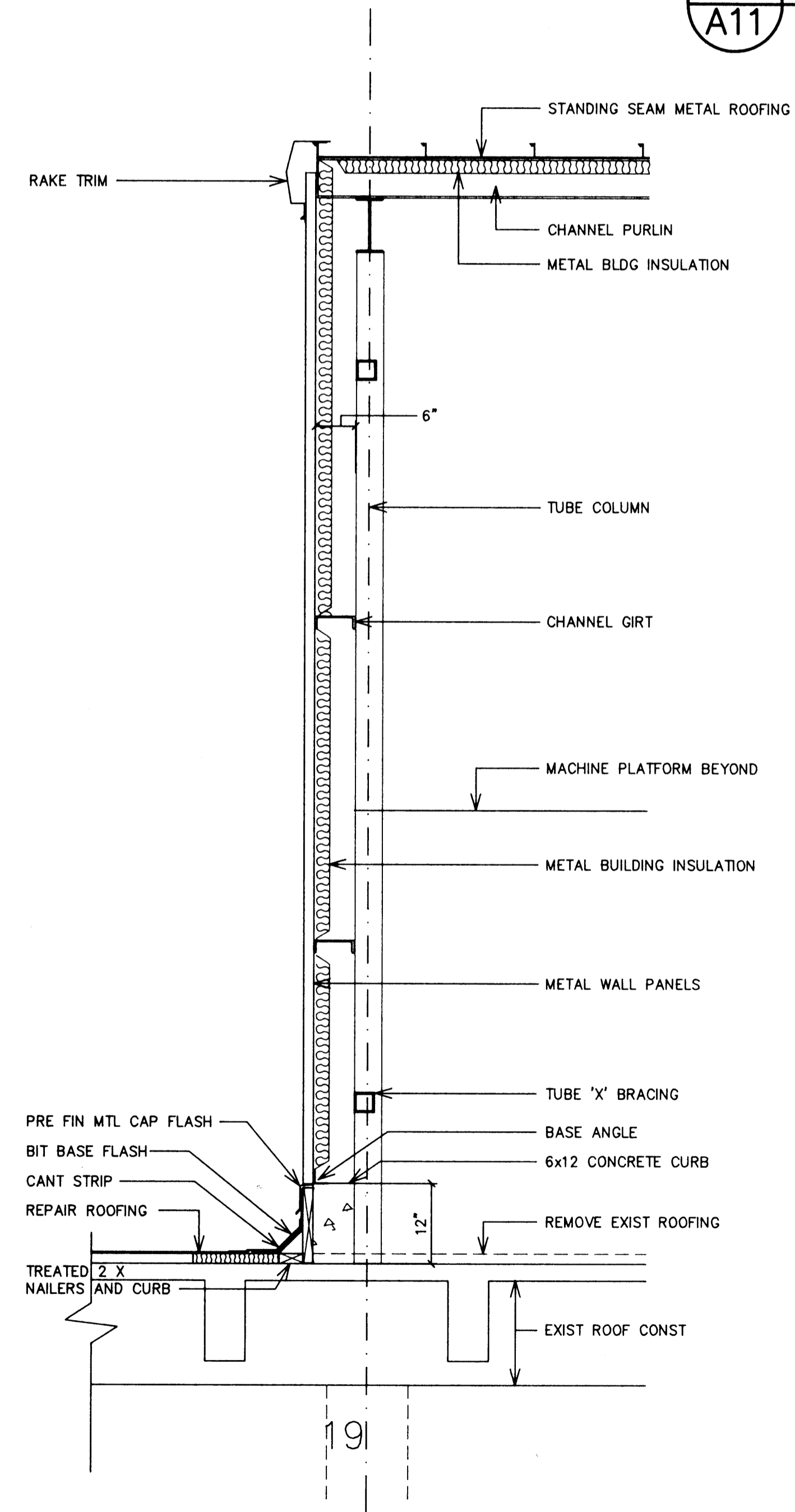
5 DOOR DETAIL
A11 SCALE 3/4" = 1'-0"



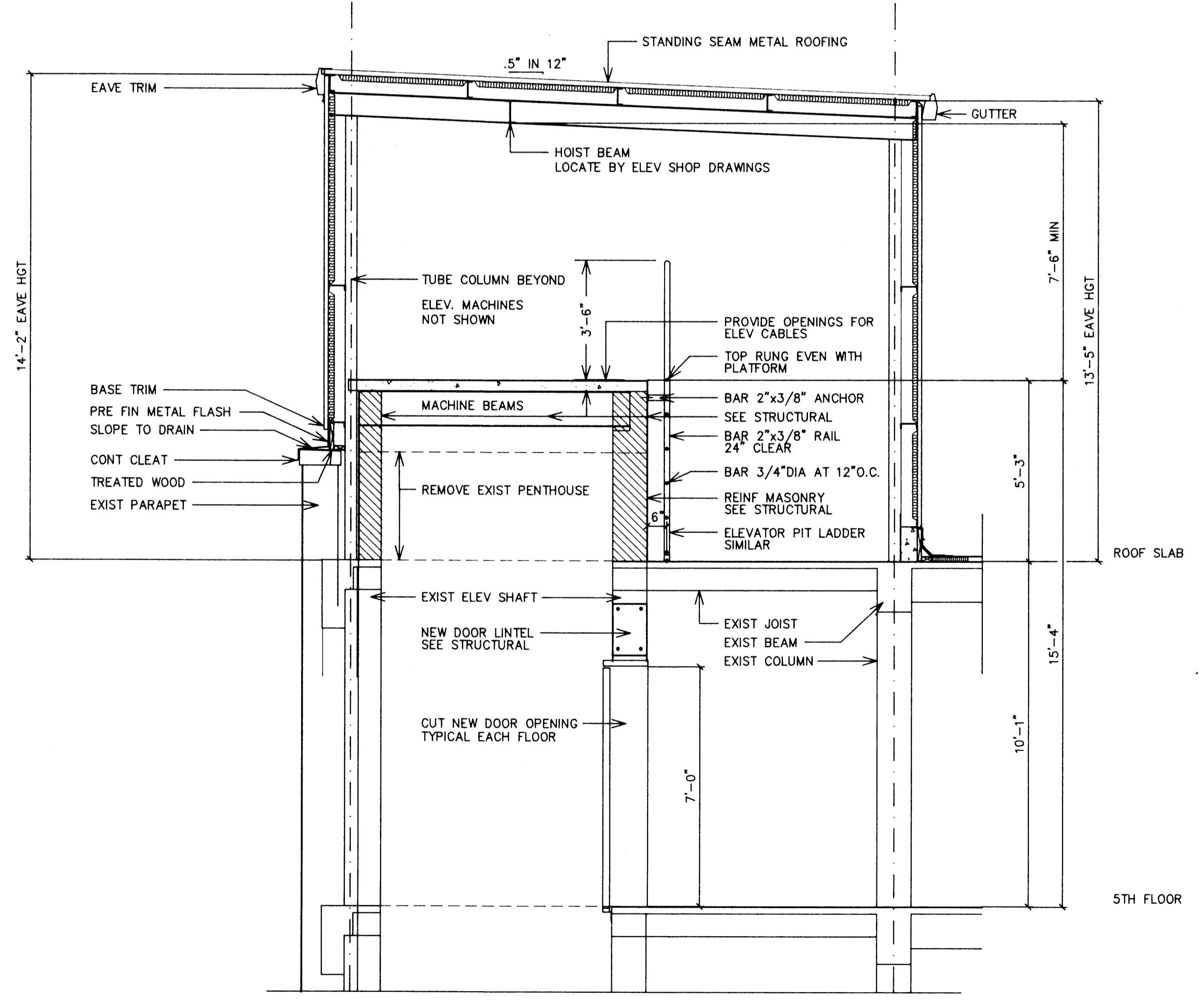
4 DOOR SECTION
A11 SCALE 3/4" = 1'-0"



1 PENTHOUSE DOOR
A11 SCALE 3/4" = 1'-0"



2 PENTHOUSE SECTION
A11 SCALE 3/4" = 1'-0"



3 PENTHOUSE SECTION
A11 SEE OTHER SECTION FOR ADDITIONAL NOTES SCALE 3/8" = 1'-0"

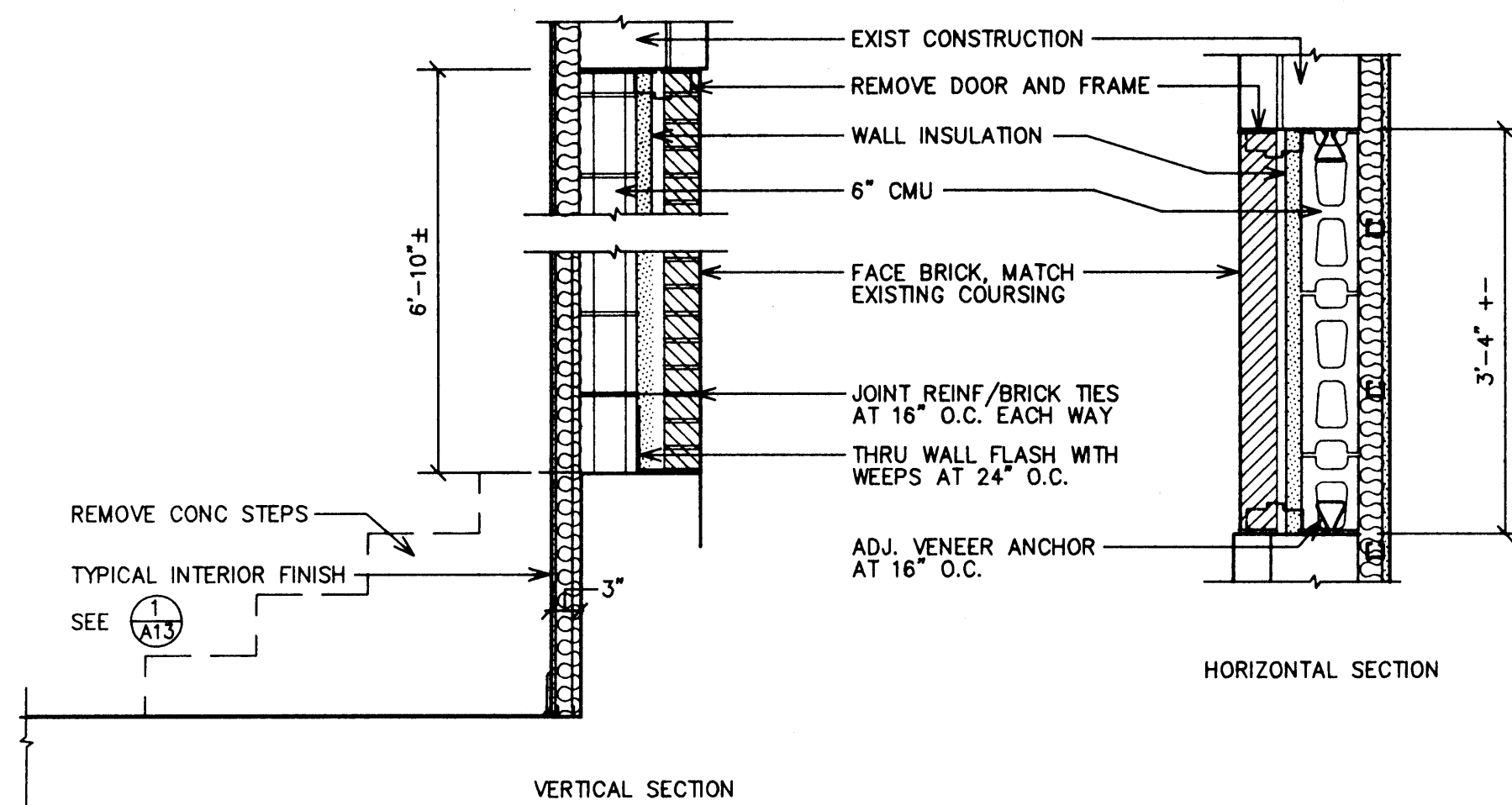


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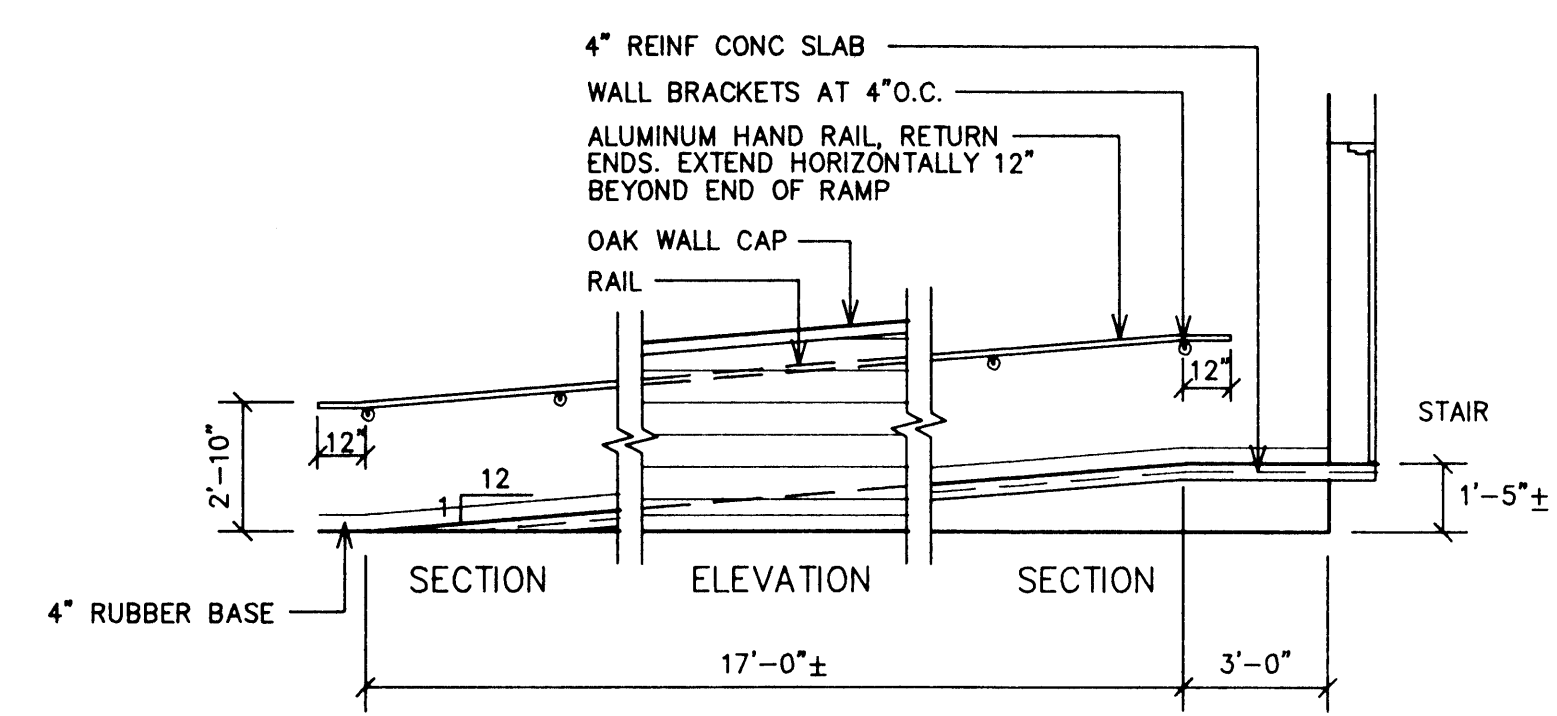
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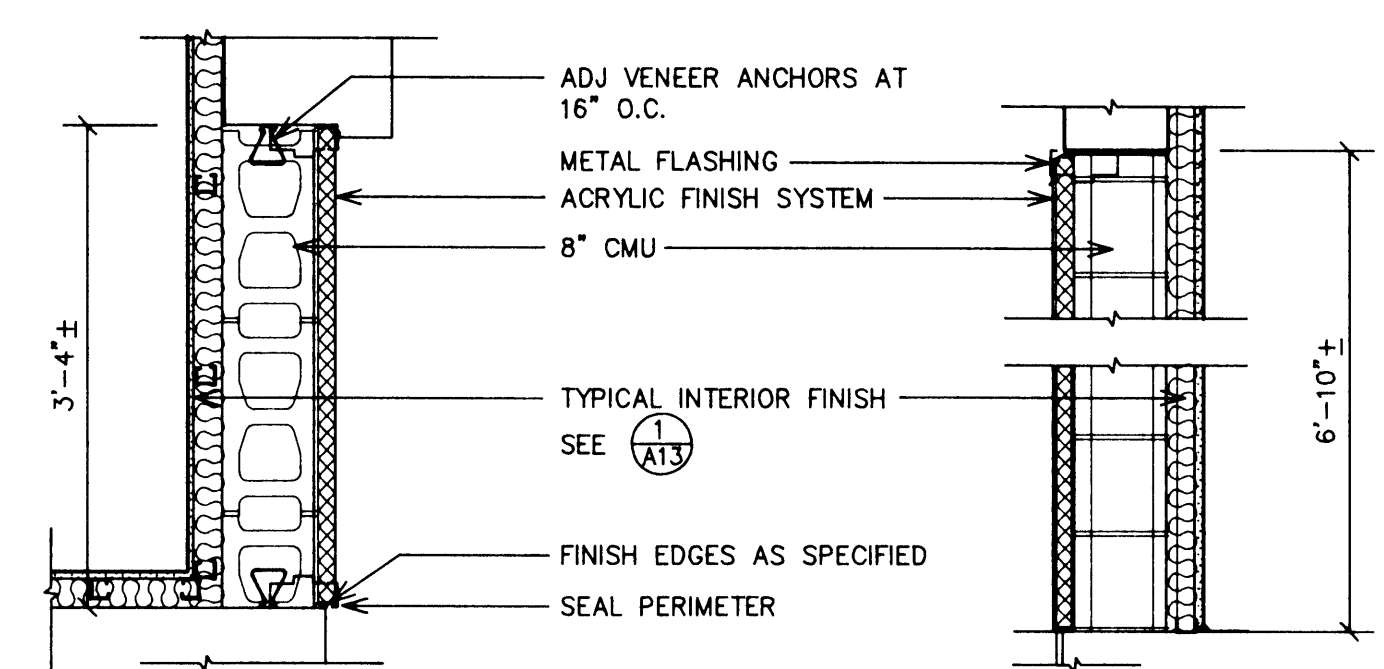
A11



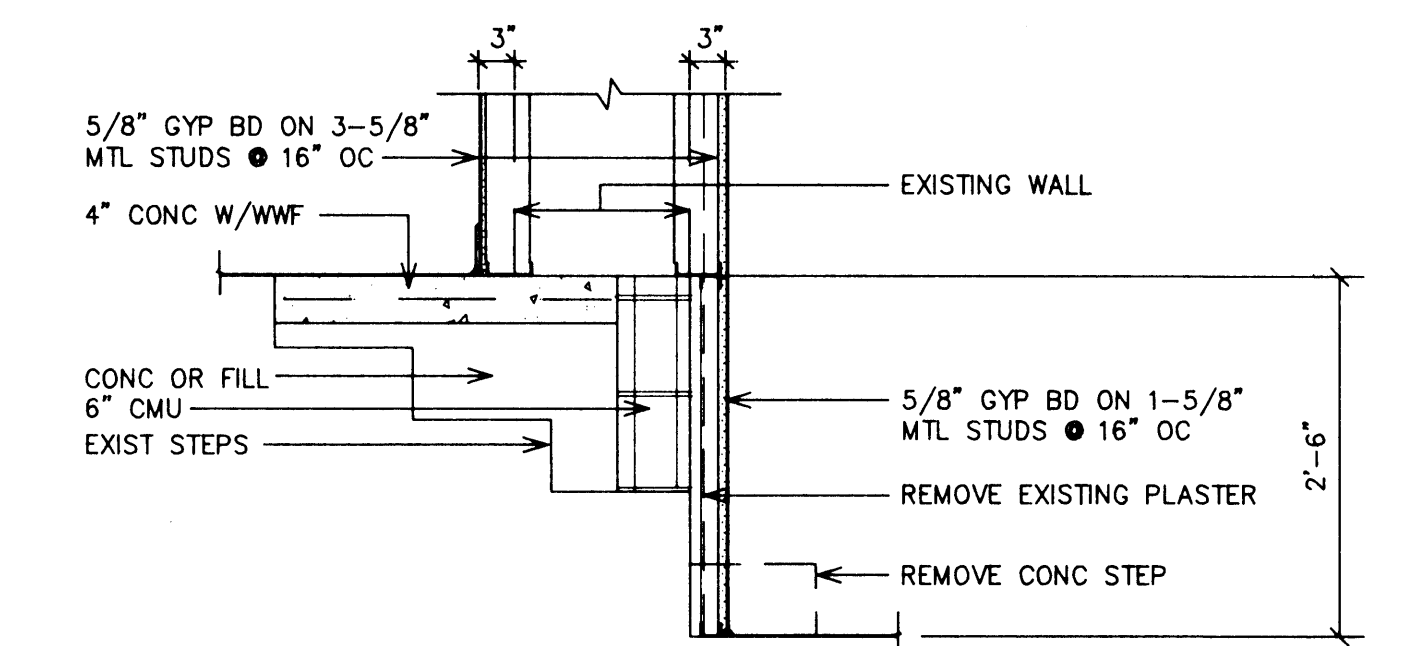
1 WALL DETAIL
A12 SCALE 3/4" = 1'-0"



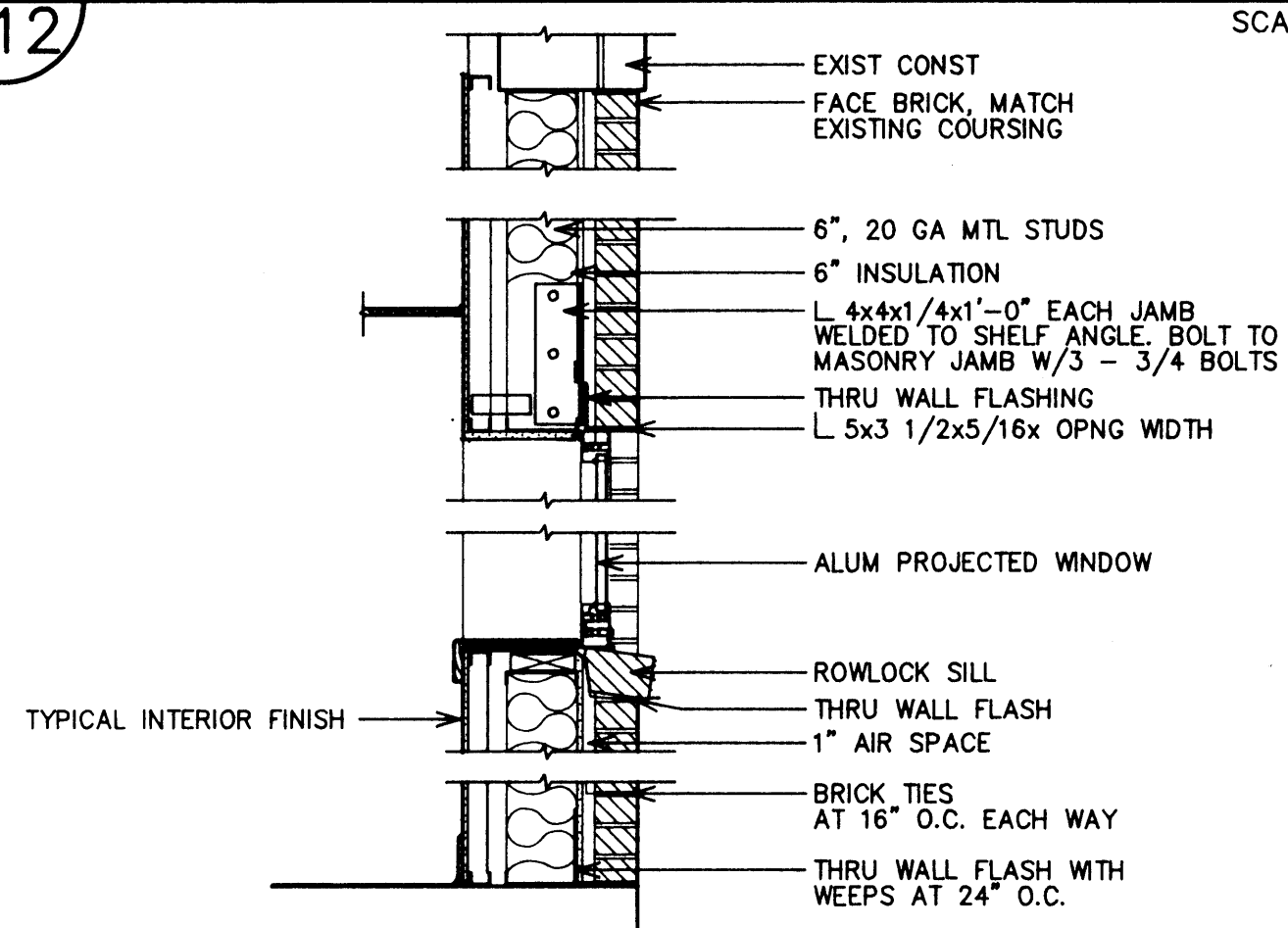
2 RAMP SECTION @ VENDING
A12 SCALE 1/4" = 1'-0"



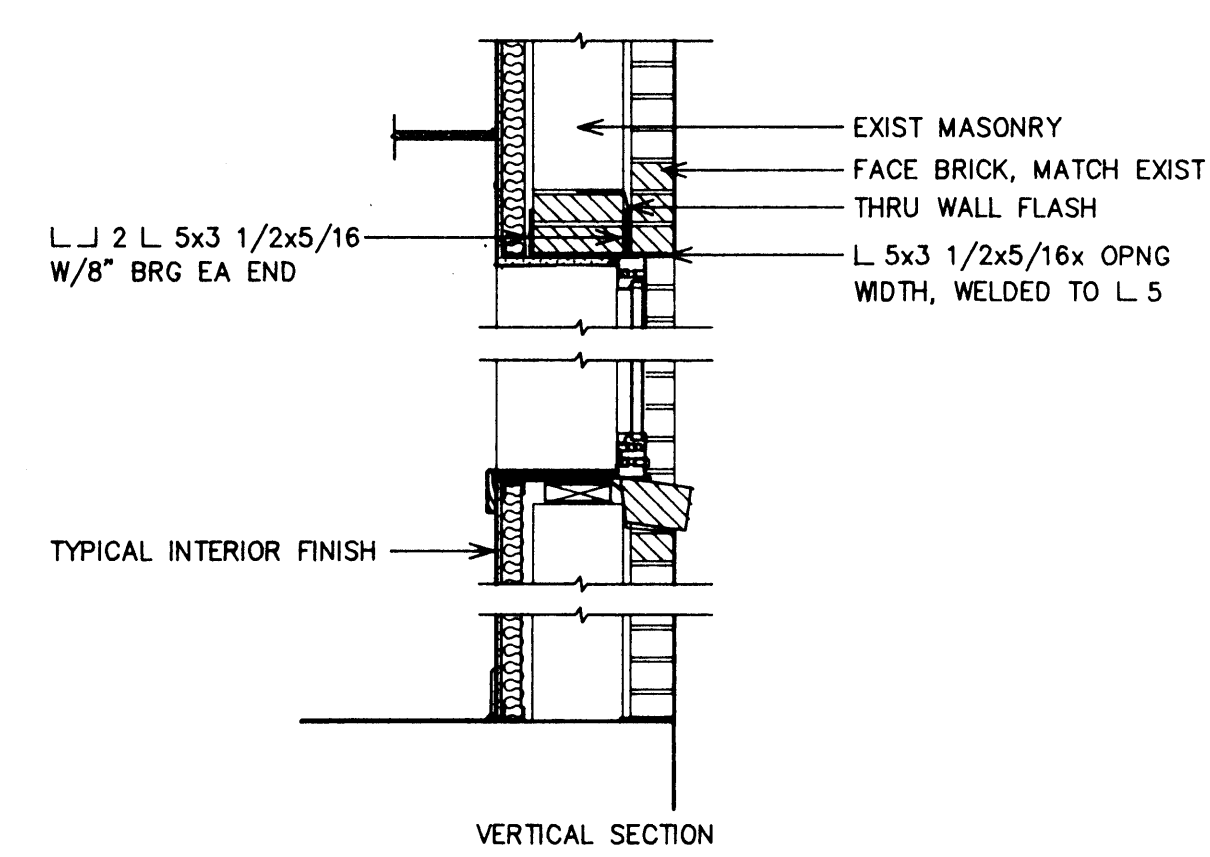
3 WALL DETAIL
A12 SCALE 3/4" = 1'-0"



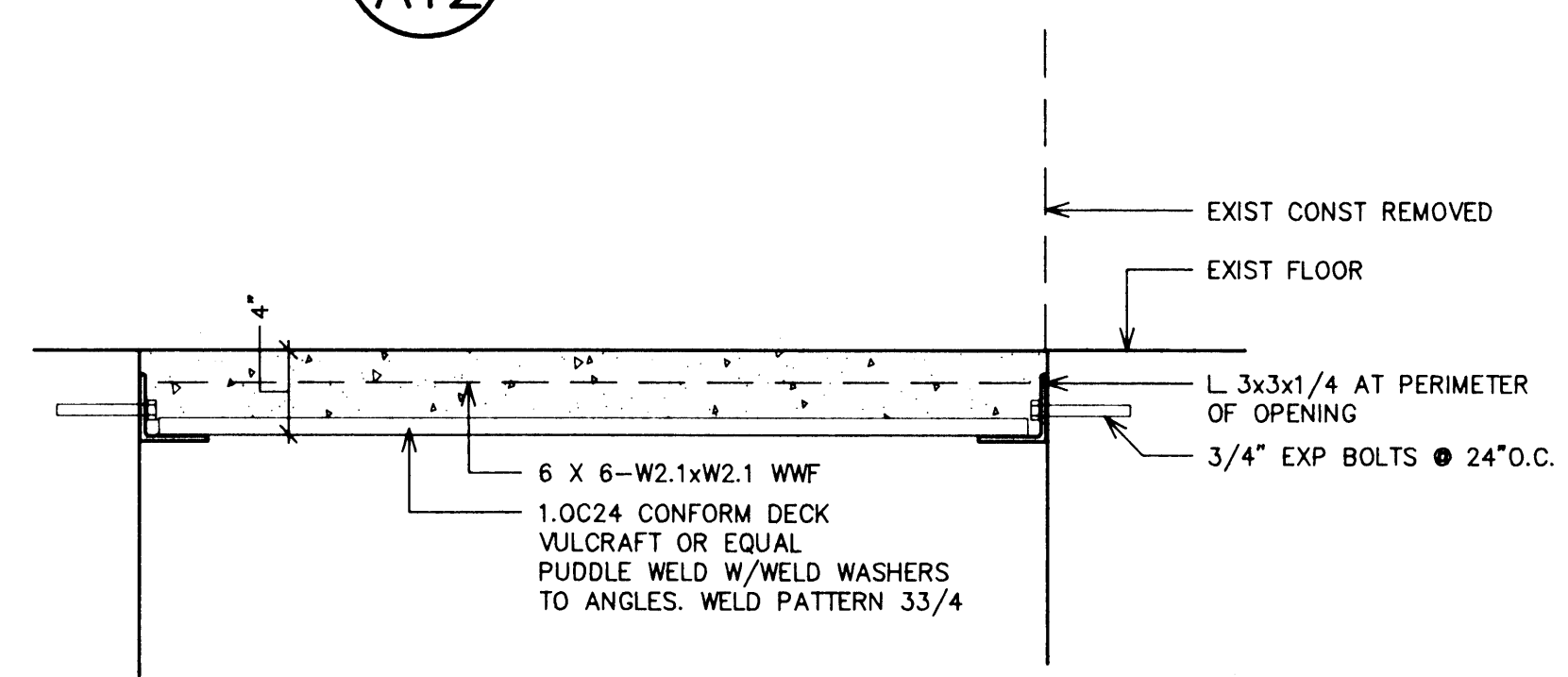
4 WALL DETAIL
A12 SCALE 3/4" = 1'-0"



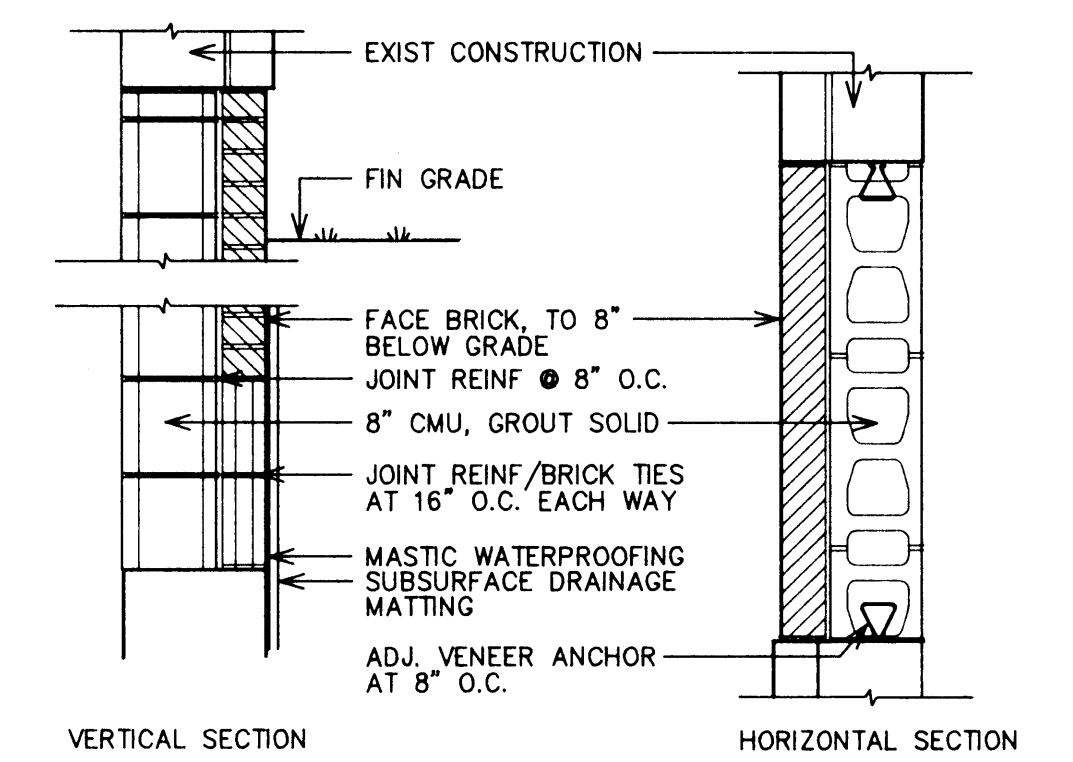
5 WALL DETAIL
A12 SCALE 3/4" = 1'-0"



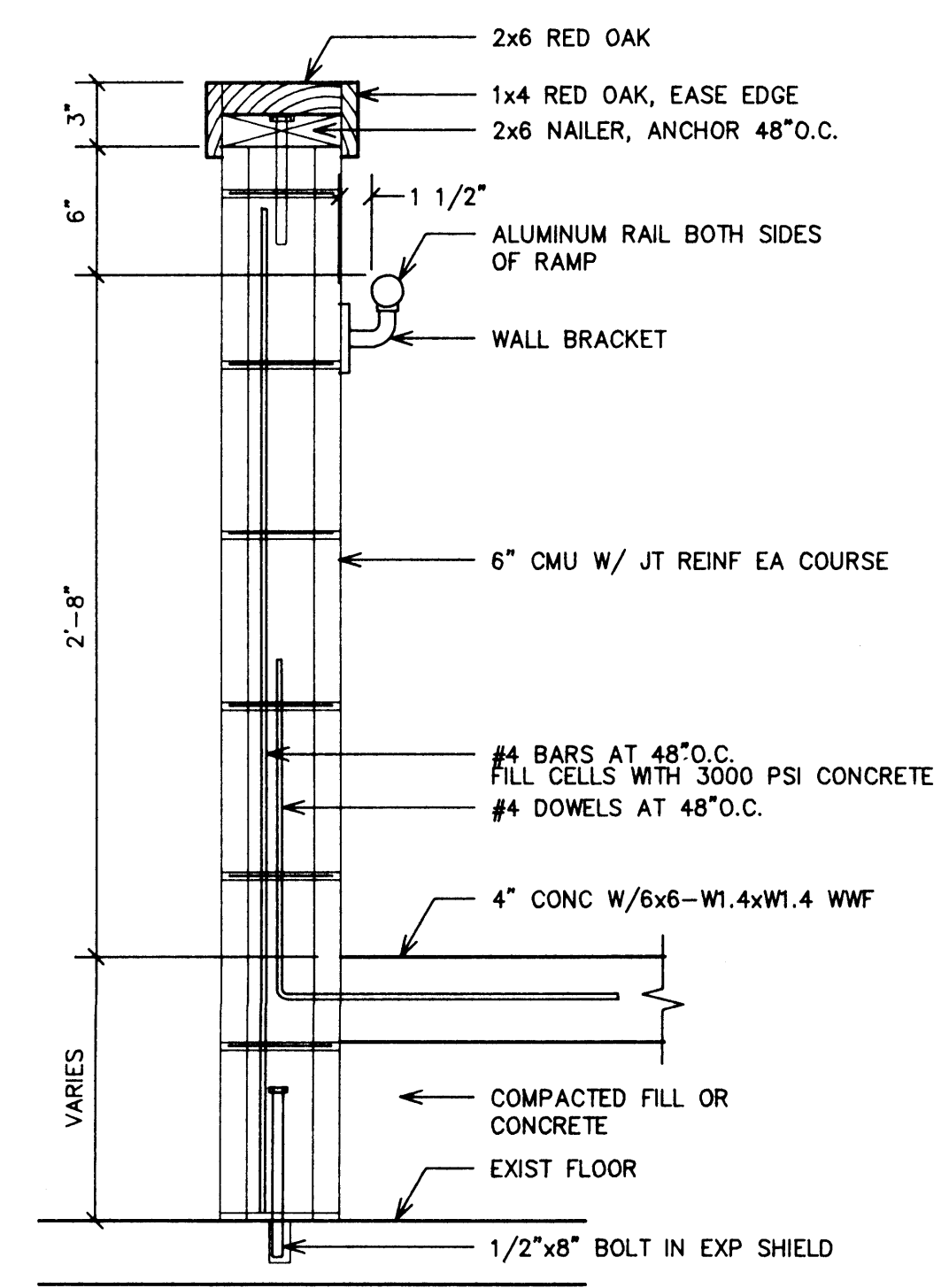
6 WALL DETAIL
A12 SCALE 3/4" = 1'-0"



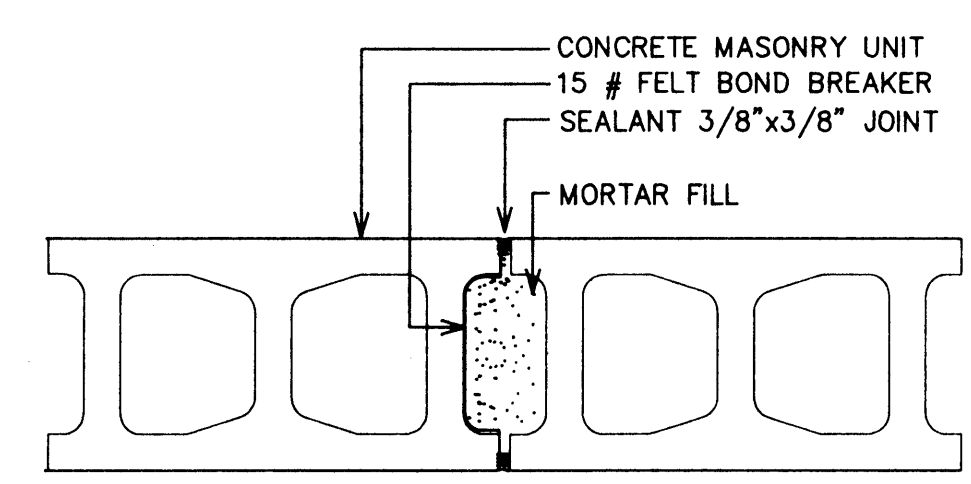
7 FLOOR DETAIL
A12 SCALE 1-1/2" = 1'-0"



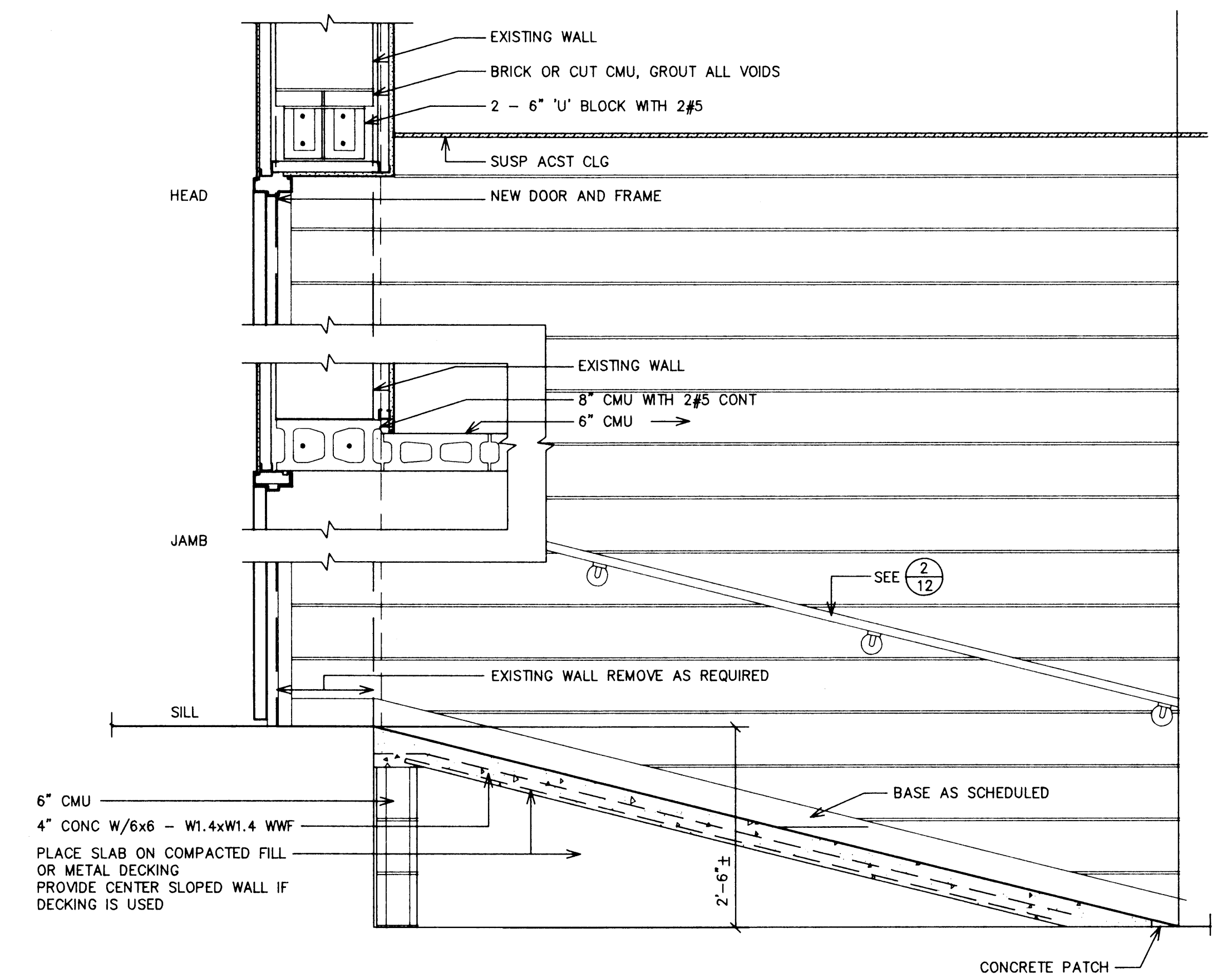
8 WALL DETAIL
A12 SCALE 3/4" = 1'-0"



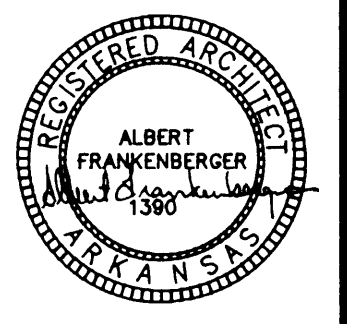
9 RAMP DETAIL
A12 SCALE 1 1/2" = 1'-0"



10 MASONRY CONTROL JOINT
A12 SCALE 1 1/2" = 1'-0"



12 WALL DETAIL
A12 SCALE 3/4" = 1'-0"

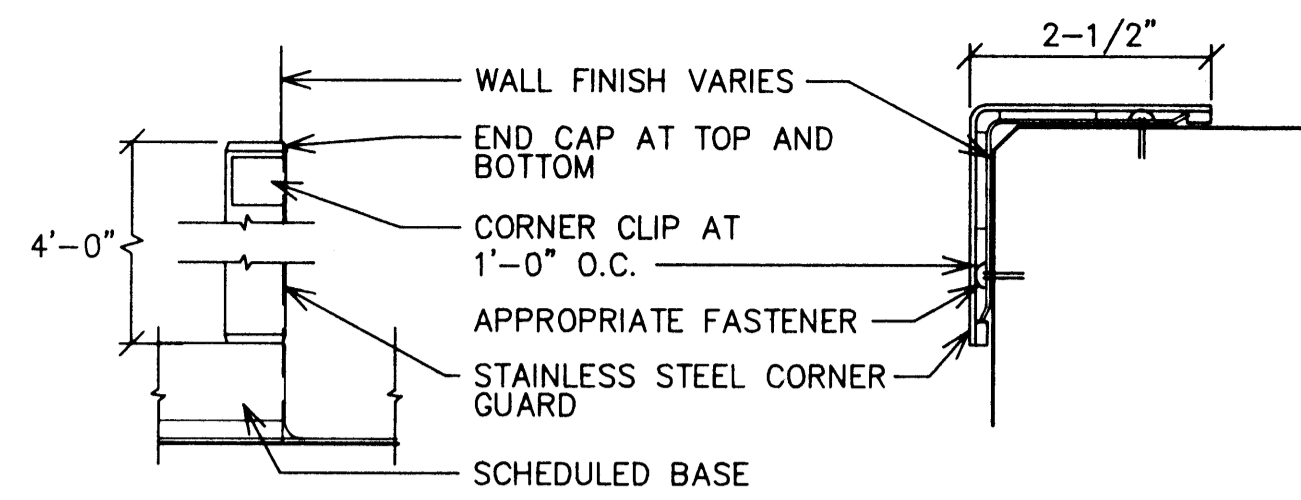


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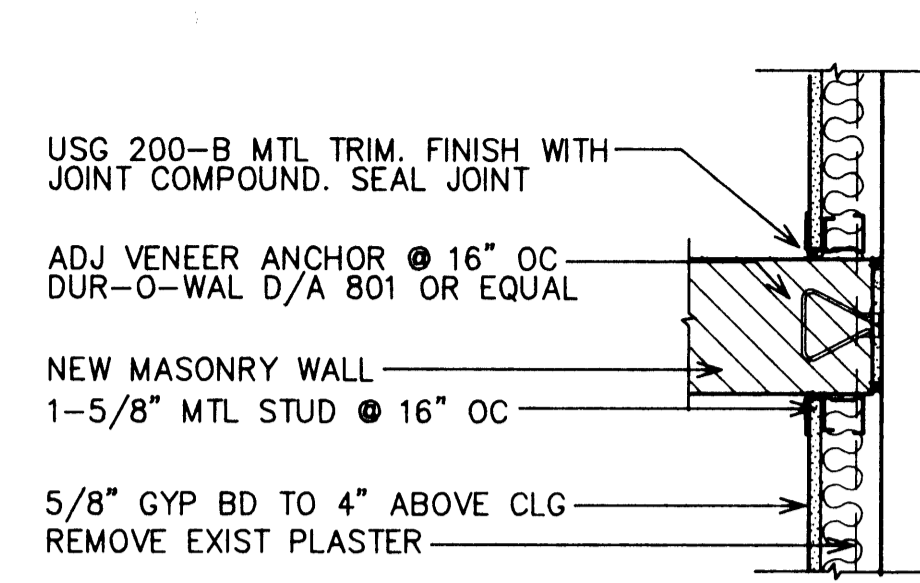
14094
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A12

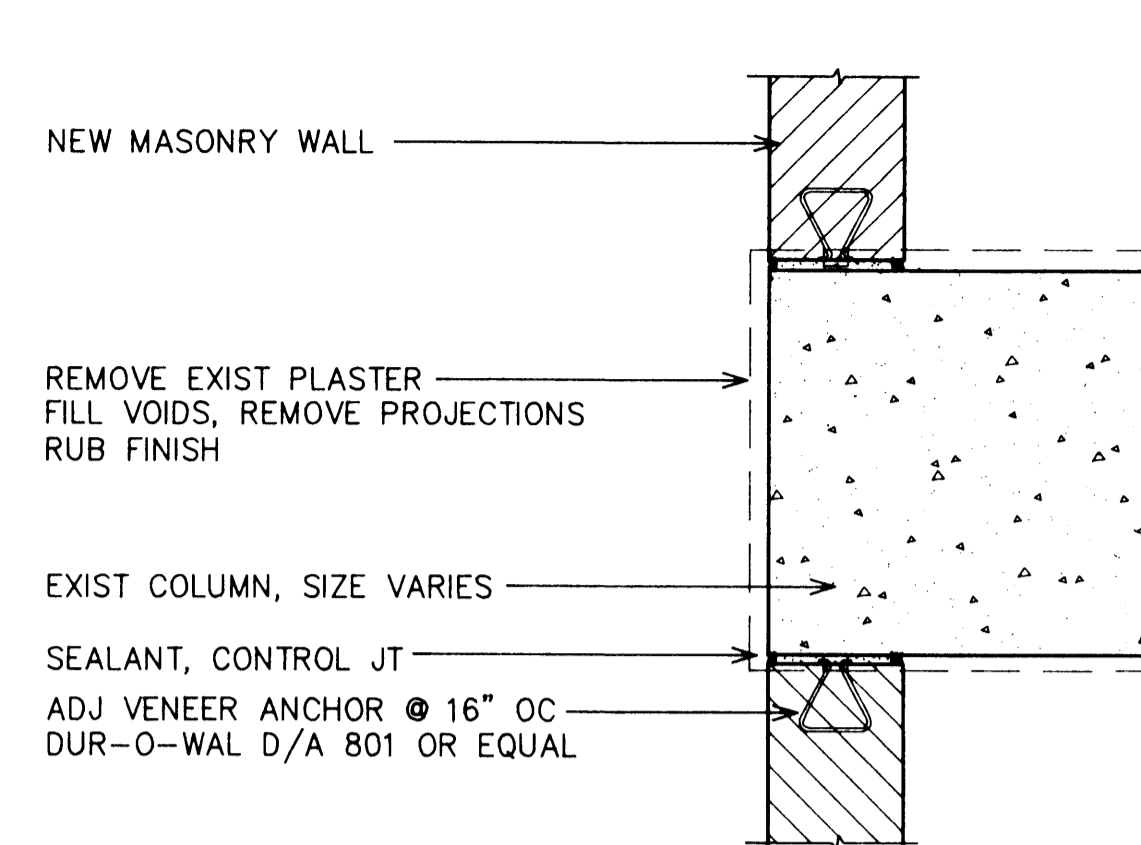
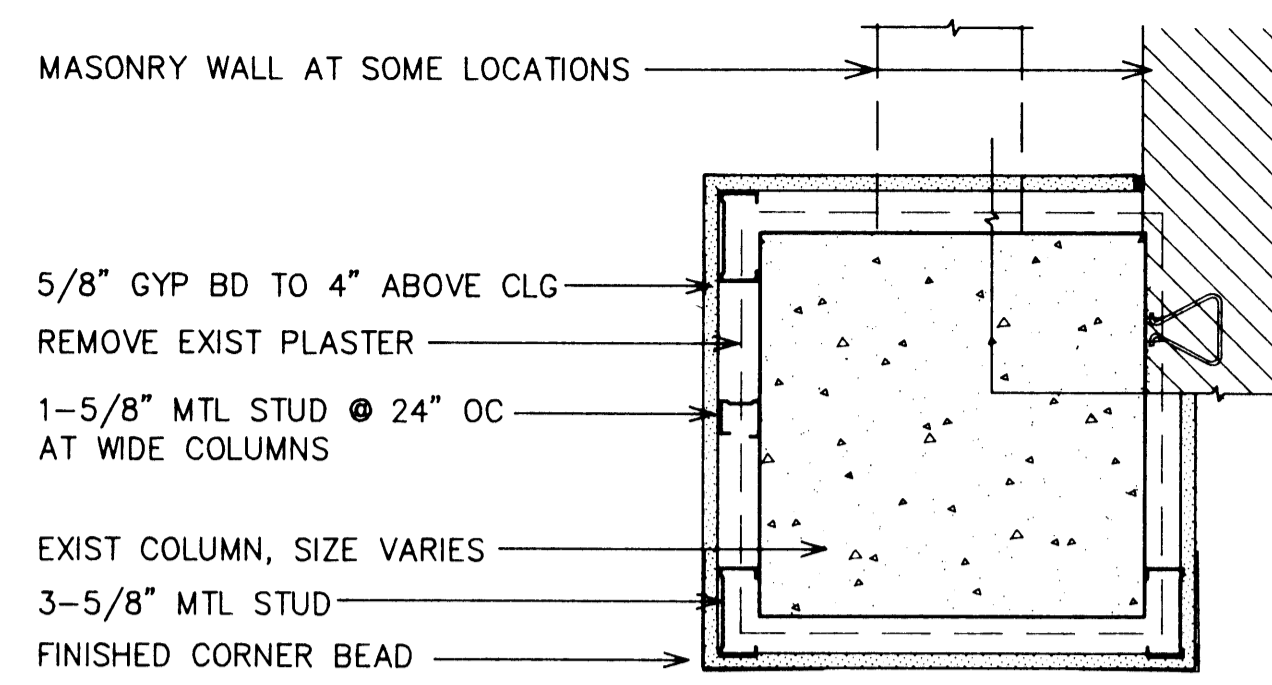


ELEVATION
SCALE 1-1/2" = 1'-0"
SECTION
HALF FULL SCALE

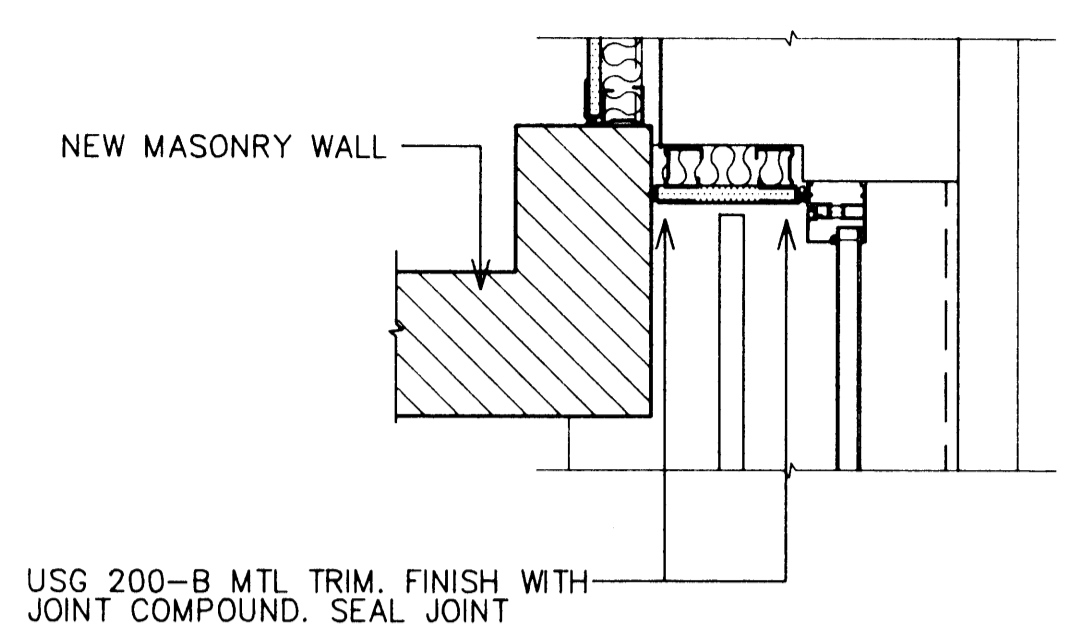
1 SS CORNER GUARD
A13
NOTED "SG" ON PLANS



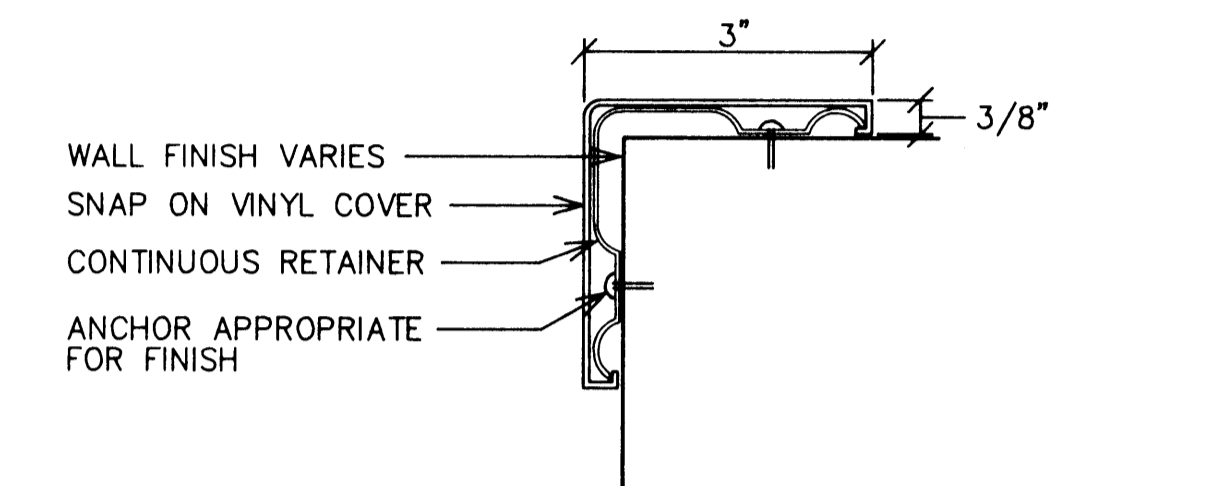
5 WALL DETAIL
A13
SCALE 1-1/2" = 1'-0"



9 COLUMN DETAIL
A13
SCALE 1-1/2" = 1'-0"

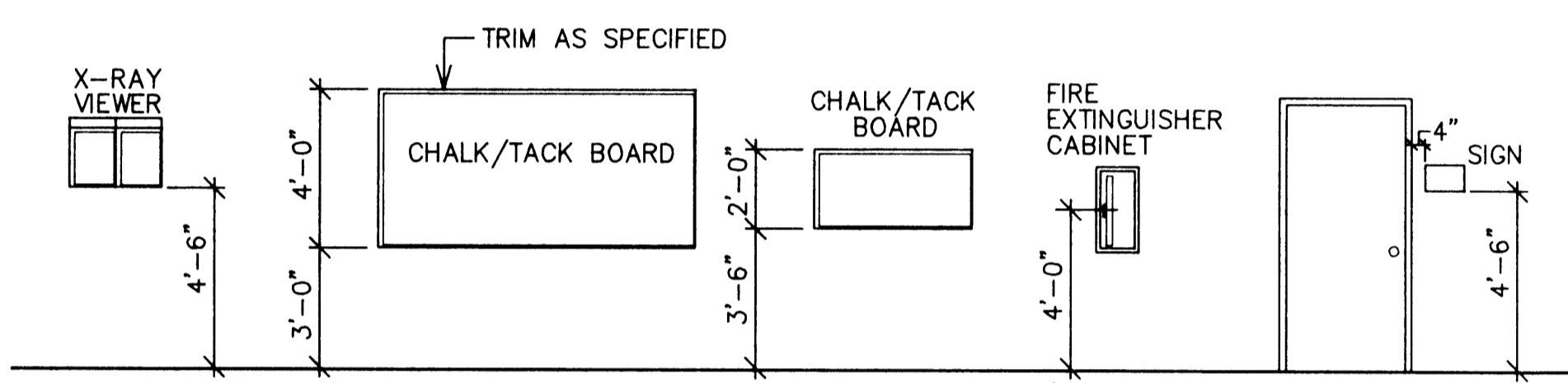


11 COLUMN DETAIL
A13
SCALE 1-1/2" = 1'-0"
SEE 10/13 FOR TYPICAL NOTES

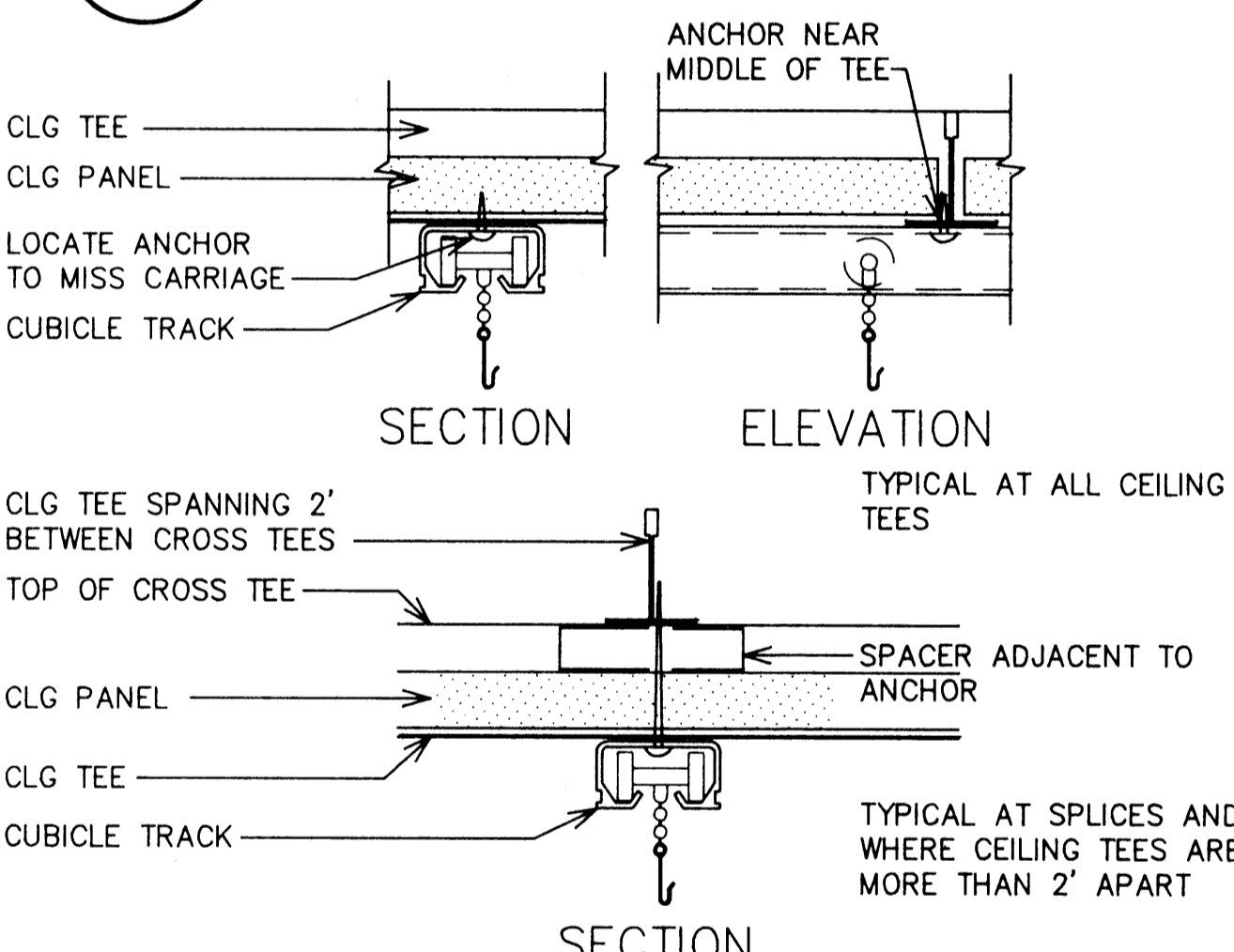


2 VINYL CORNER GUARD
A13
HALF FULL SCALE
SEE DETAIL 1/A13 FOR ELEVATION
PROVIDE COLORED END CAPS AT TOP AND BOTTOM
NOTED "VG" ON PLANS

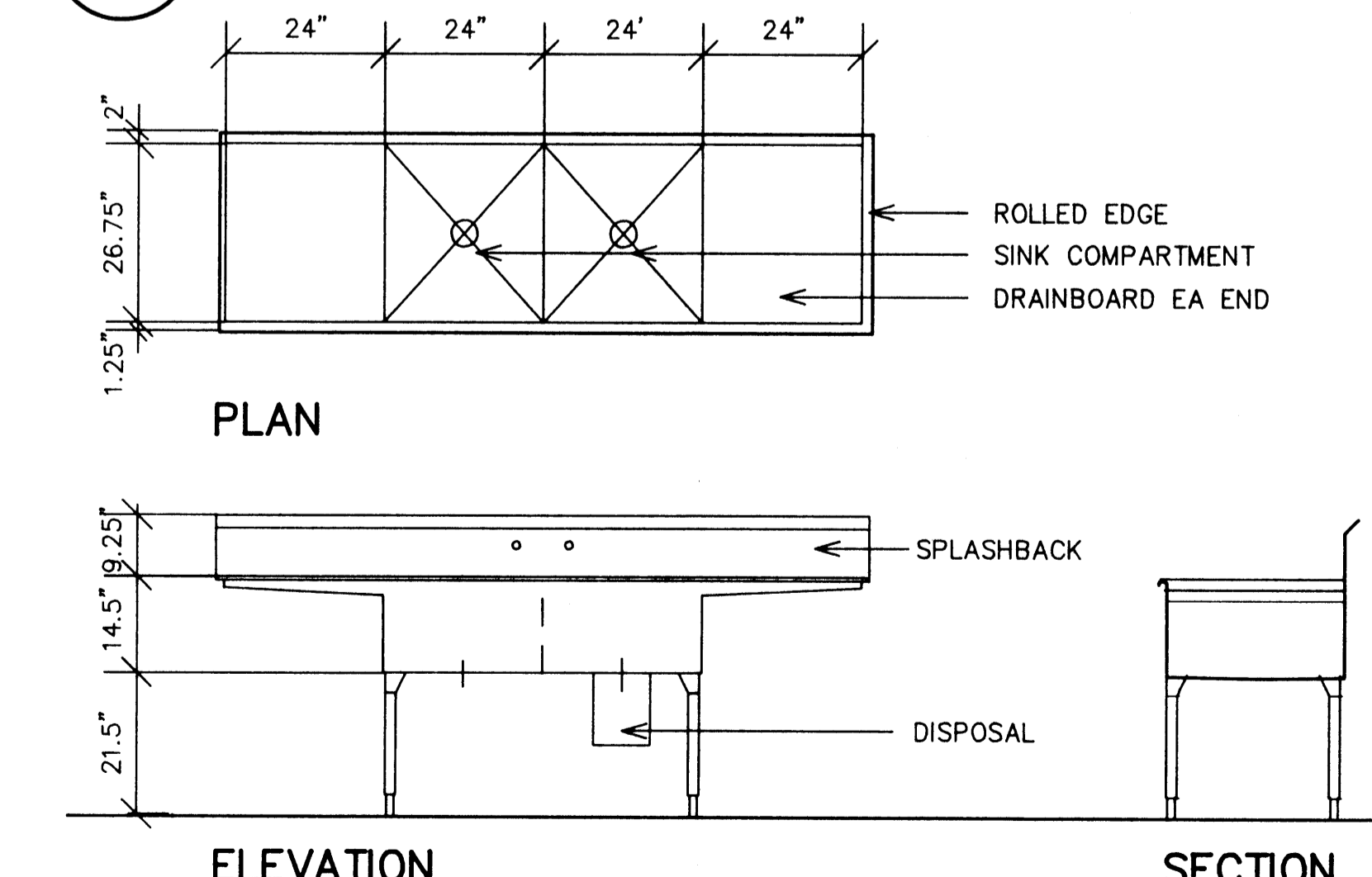
8 COLUMN DETAIL
A13
SCALE 1-1/2" = 1'-0"
SEE FLOOR PLAN FOR CORNER GUARD LOCATIONS
PROVIDE RUNNER TRACK AT TOP & BTM
FINISH COLUMNS SAME AS WALLS



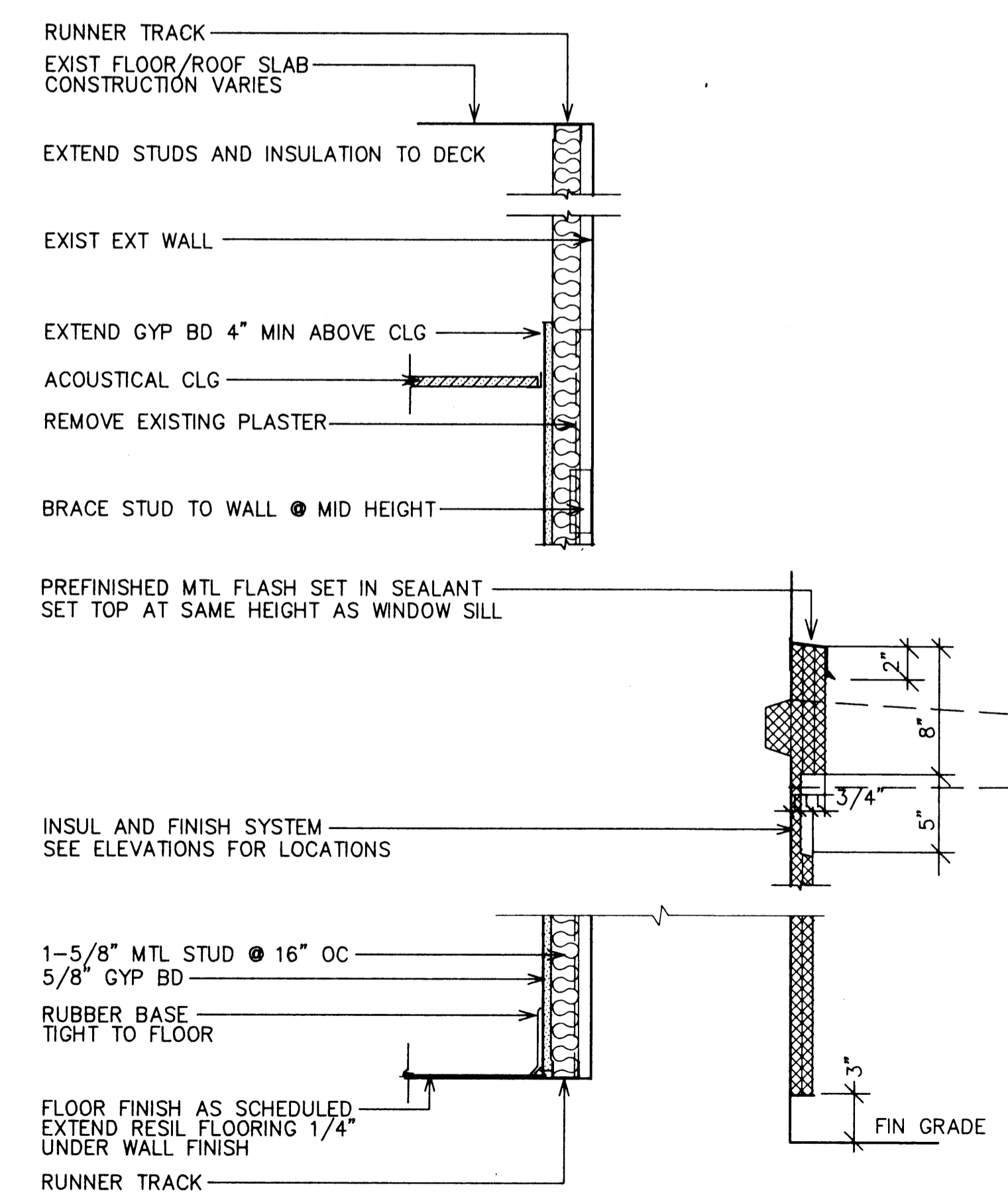
6 MOUNTING HEIGHTS
A13
SCALE 1/4" = 1'-0"



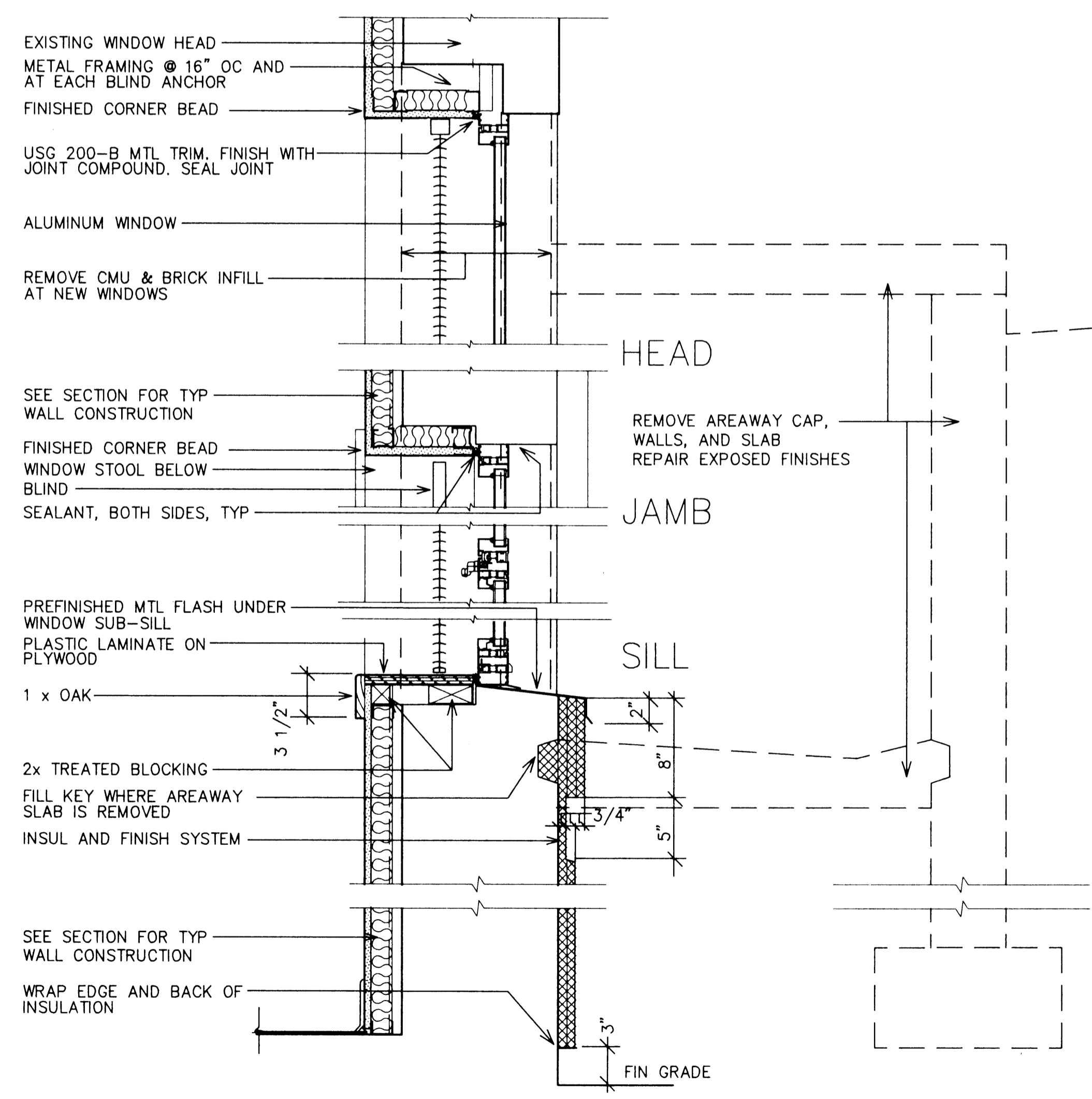
3 CUBICLE TRACK DETAIL
A13
NO SCALE



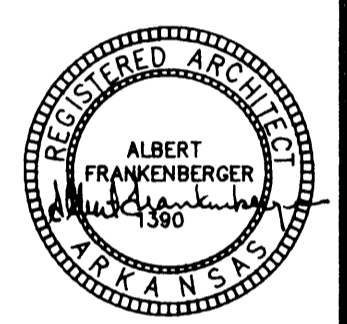
4 STAINLESS STEEL SINK
A13
SCALE 1-1/2" = 1'-0"



7 WALL SECTION
A13
SCALE 1-1/2" = 1'-0"



10 WALL SECTION
A13
SCALE 1-1/2" = 1'-0"

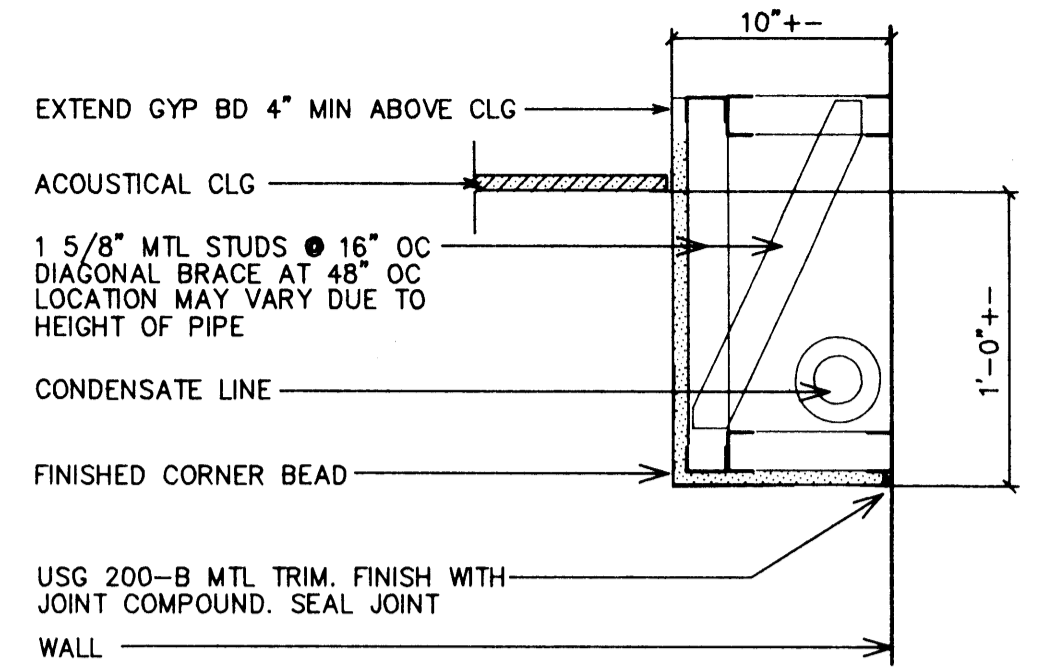
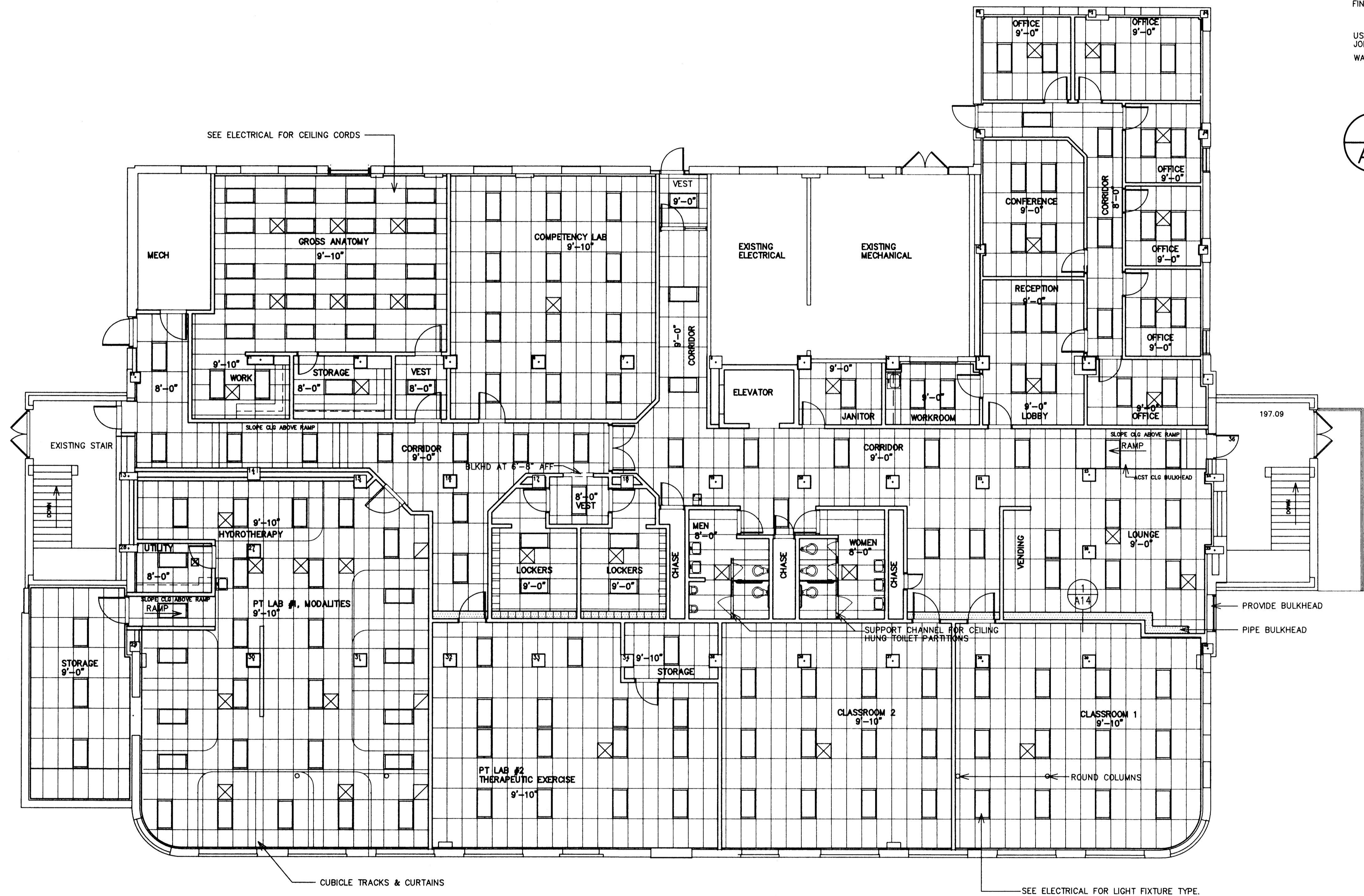


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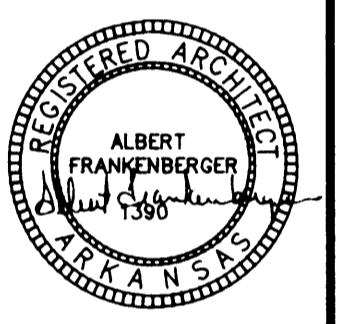
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A13



1 BULKHEAD DETAIL
A14 NO SCALE



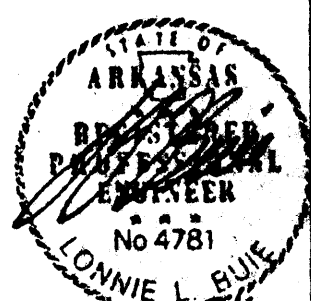
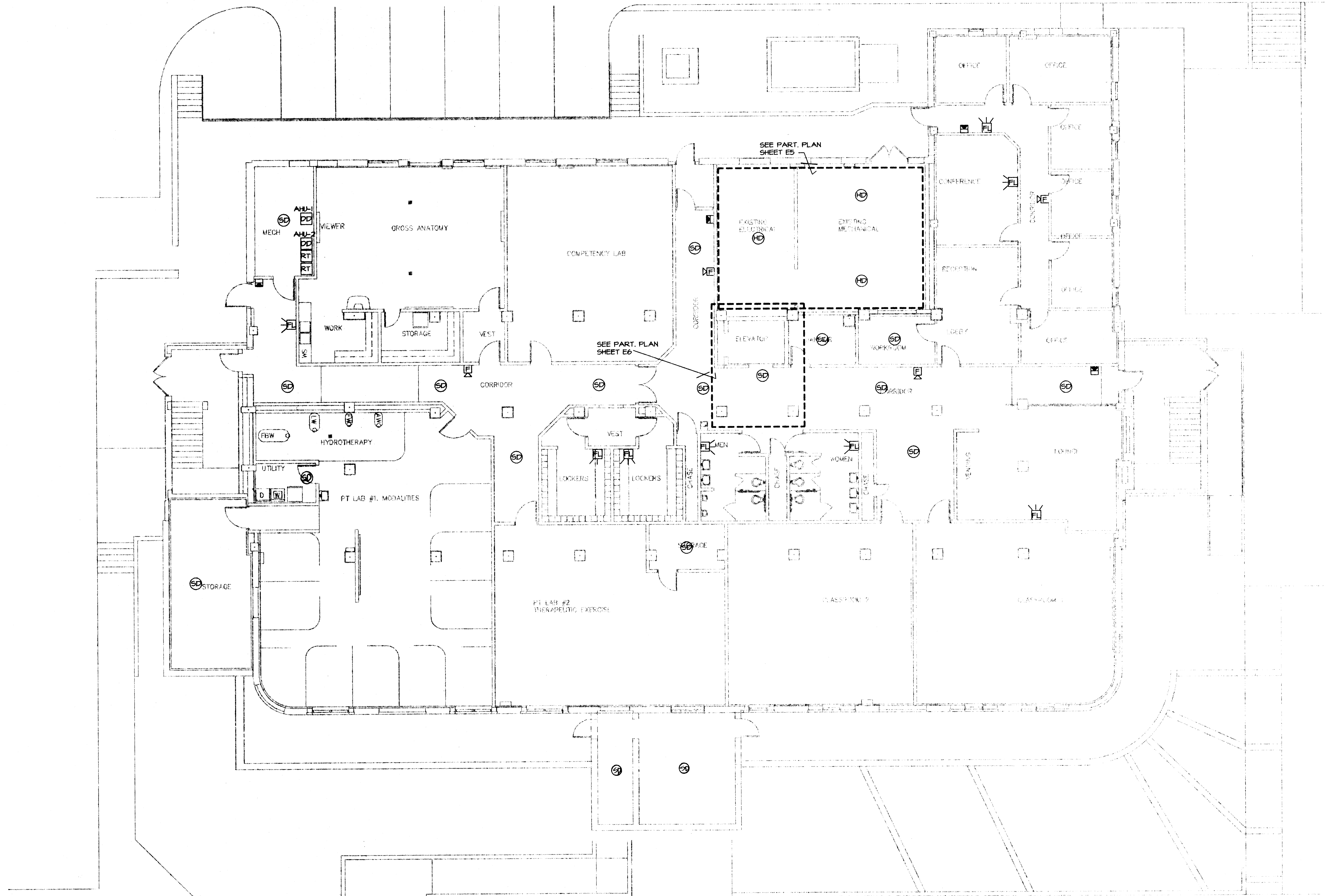
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REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"



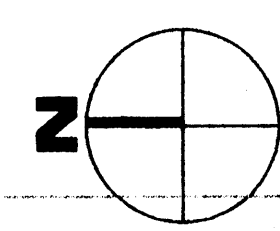
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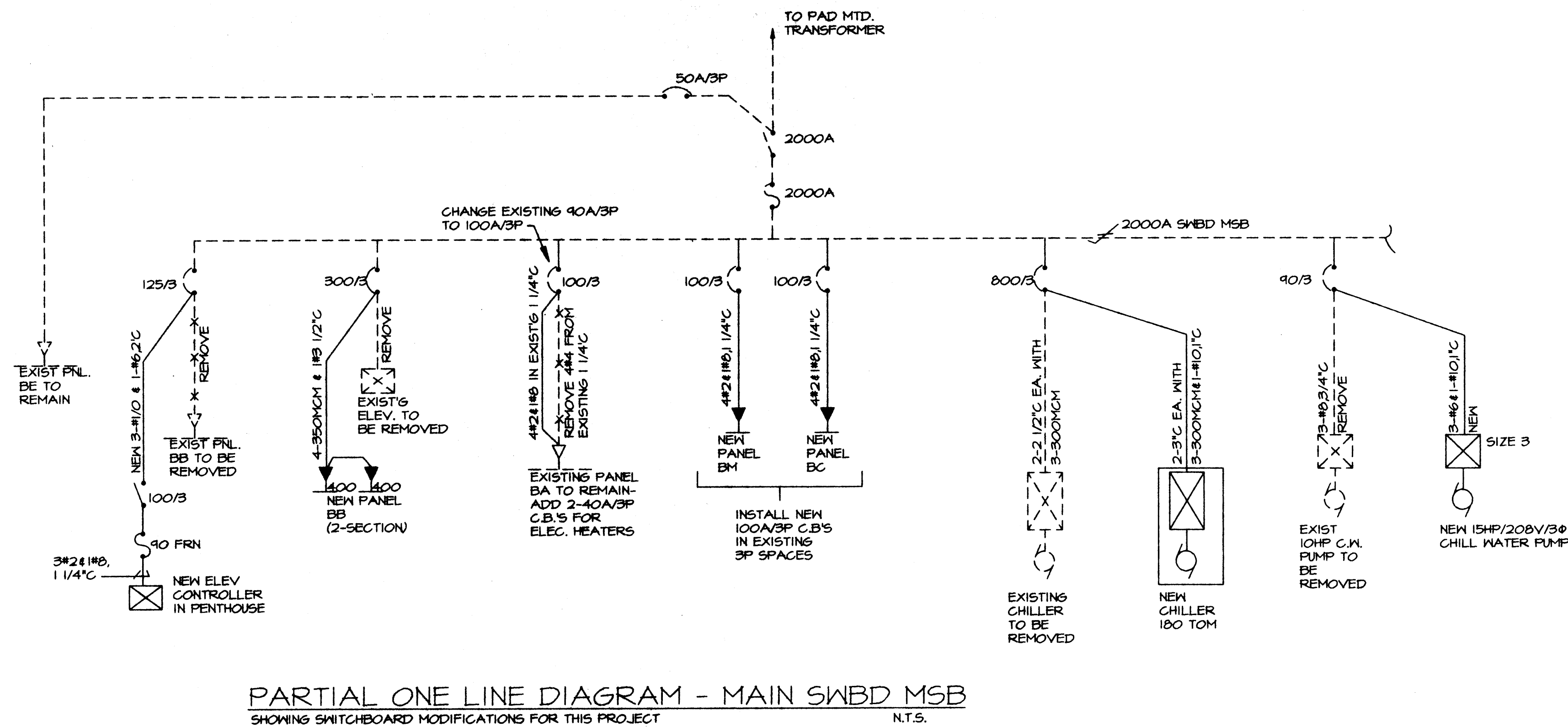
14043
3/28/94

E4

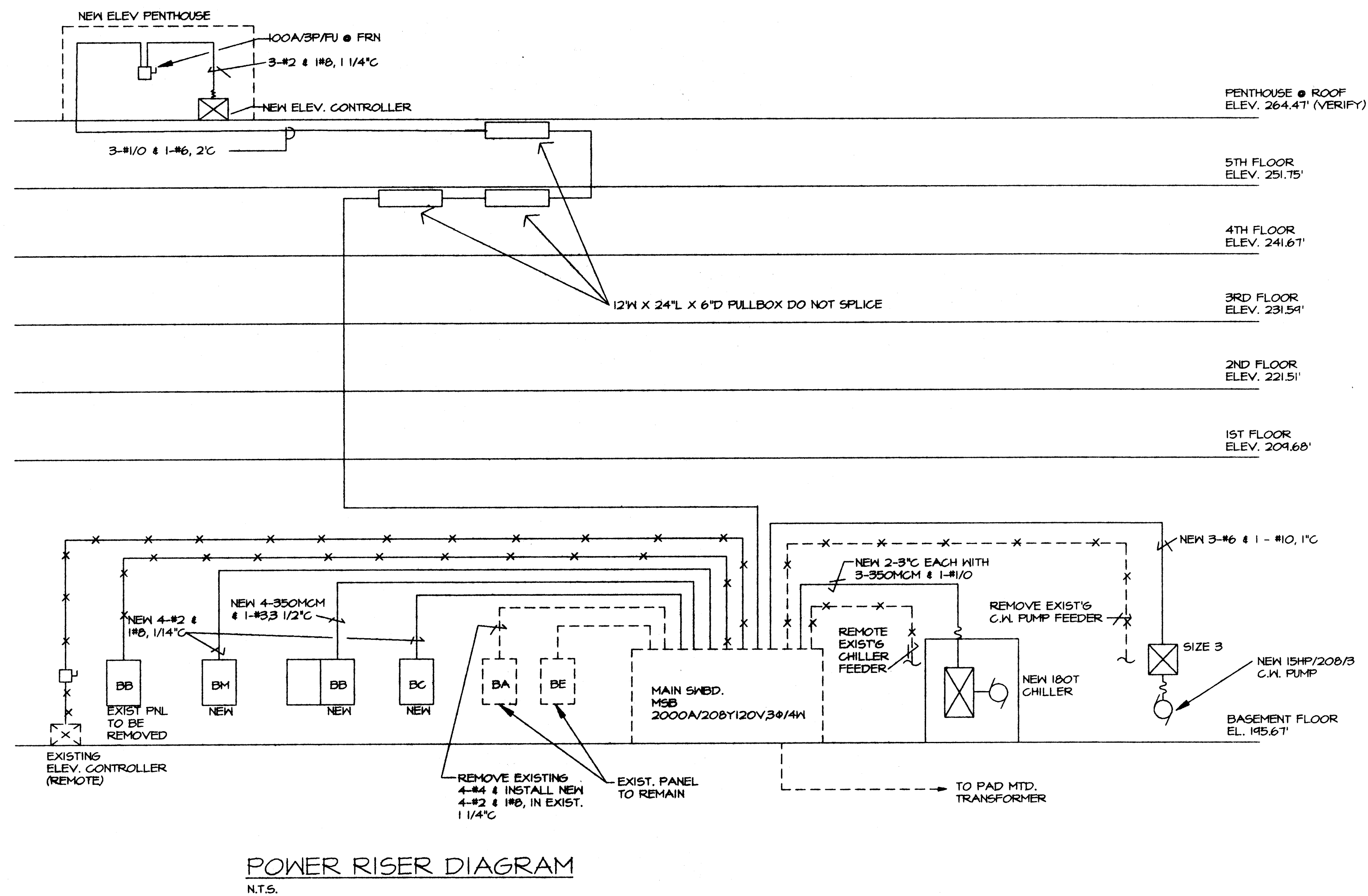


BASEMENT FLOOR PLAN - FIRE ALARM SYSTEM

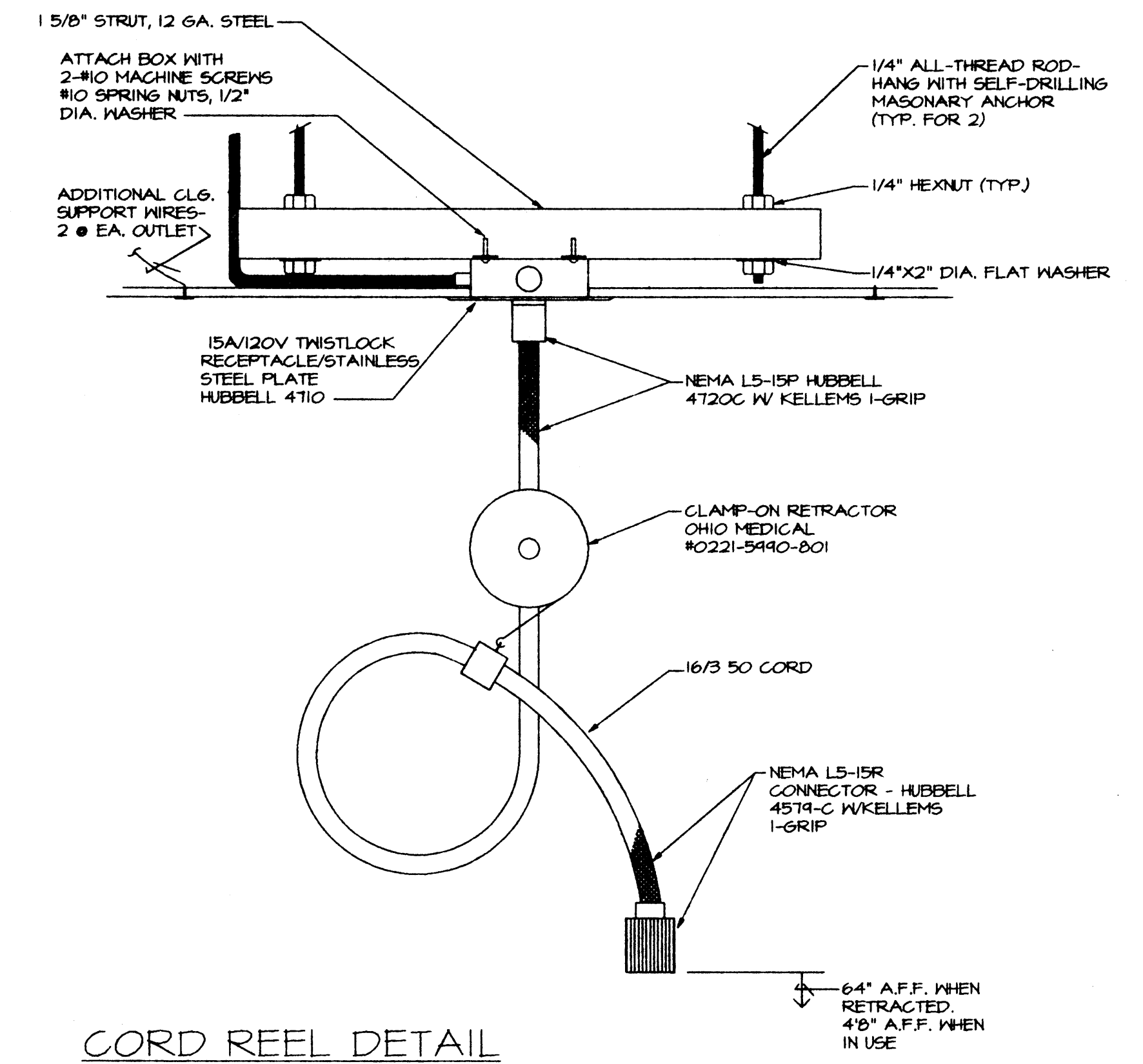
SCALE 1/8" = 1'-0"



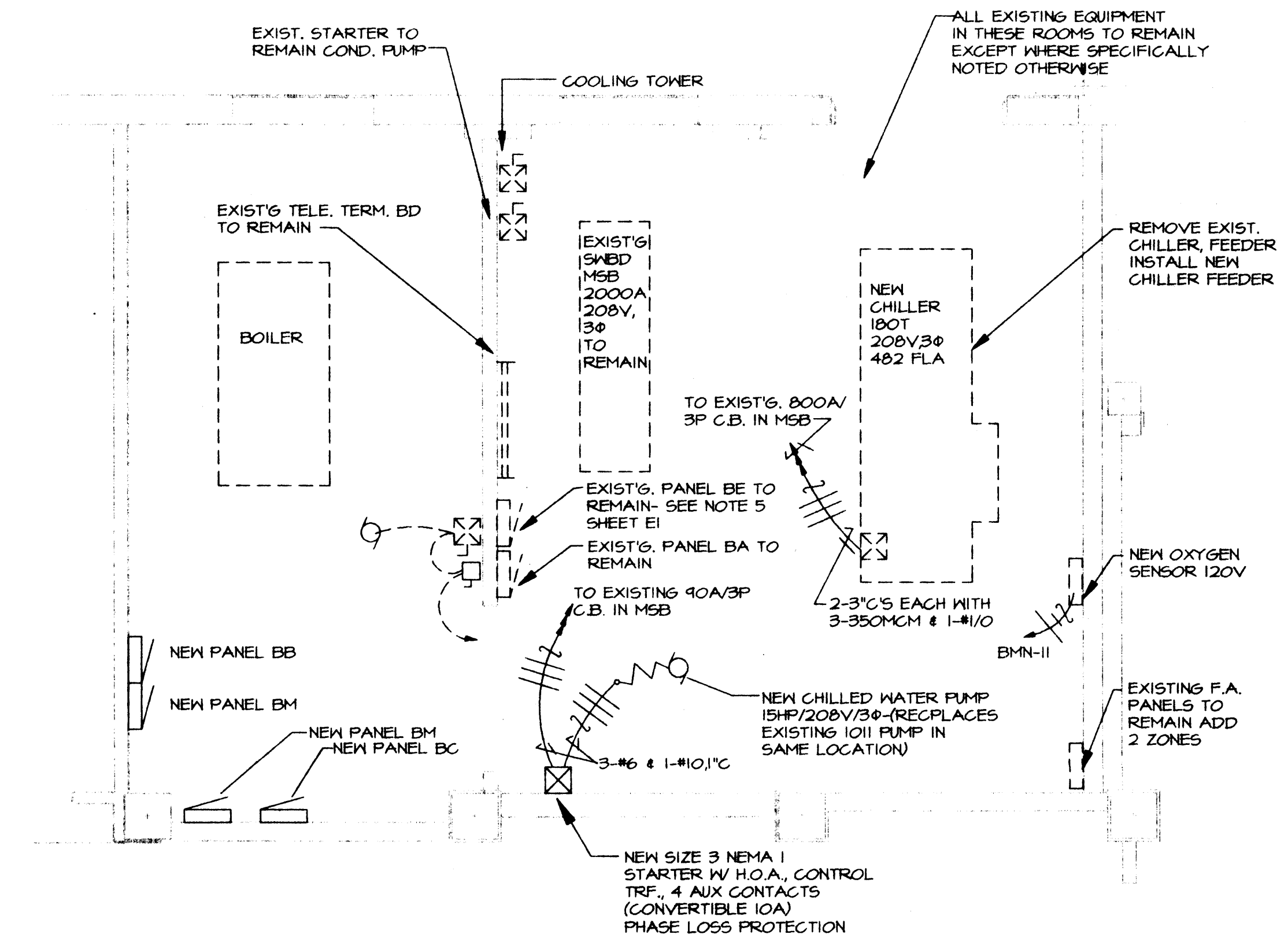
PARTIAL ONE LINE DIAGRAM - MAIN SWBD MSB
SHOWING SWITCHBOARD MODIFICATIONS FOR THIS PROJECT
N.T.S.



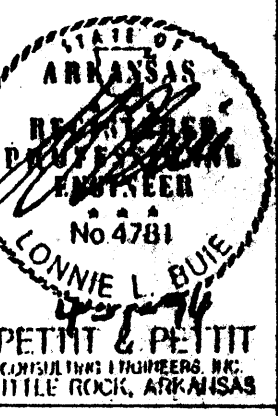
POWER RISER DIAGRAM
N.T.S.



CORD REEL DETAIL
N.T.S.



PART PLAN BOILER/MECH. RM ELECTRICAL REMODELLED
SCALE: 1/4" = 1' - 0"



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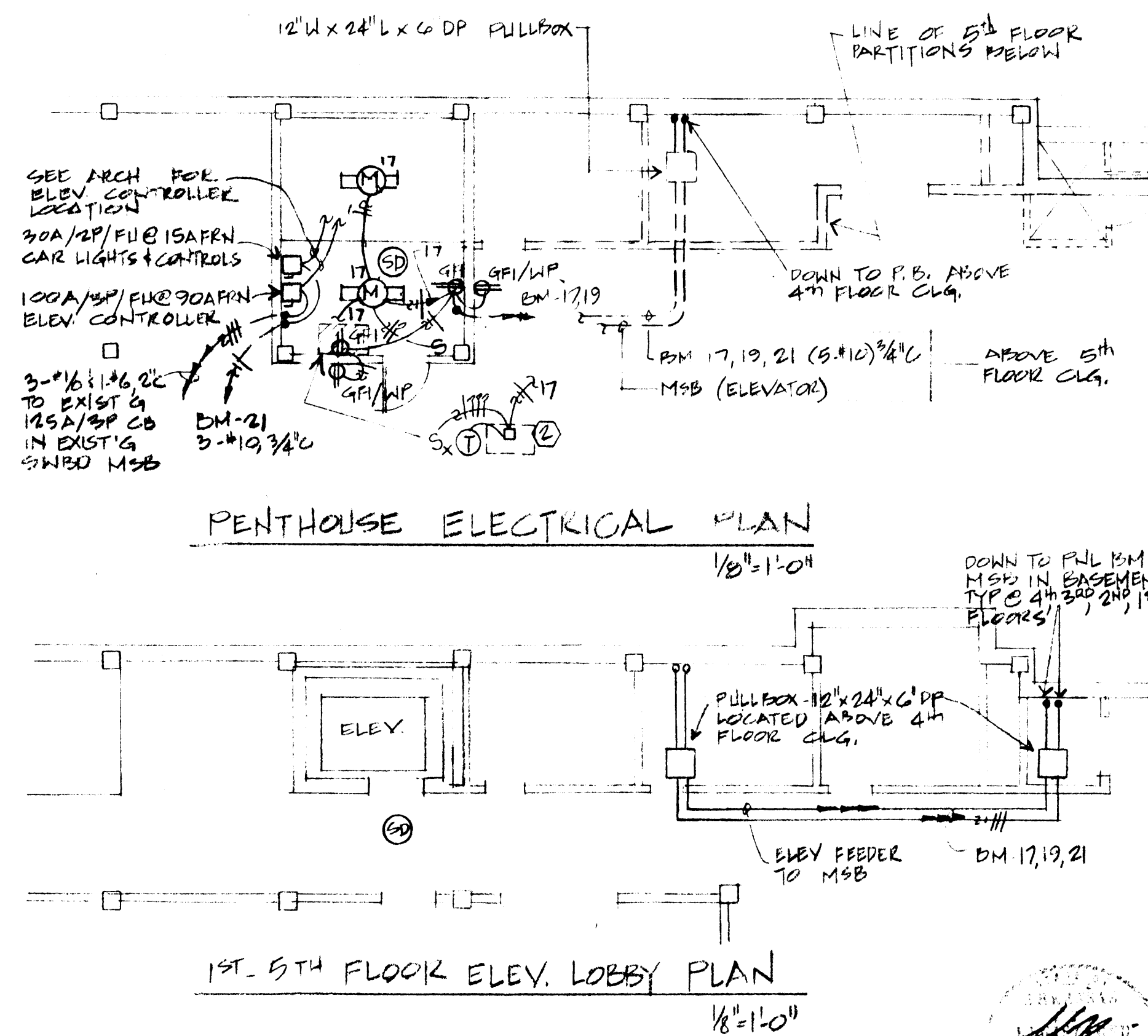
FIXTURE SCHEDULE				
TYPE	DESCRIPTION	LAMPS	REMARKS	VOLT
A	WILLIAMS 5223-RWKA125-EQ CLIPS	3-F40CW/W/M	RECESSED	120
A1	SAME AS "A" ABOVE EXCEPT WITH EMERGENCY BALLAST	3-F40CW/W/M	RECESSED & BODINE B70 EMERGENCY BALLAST	120
B	WILLIAMS 5224-RWKA125-EQ CLIPS	4-F40CW/W/M	RECESSED	120
B1	SAME AS "B" ABOVE EXCEPT WITH EMERGENCY BALLAST	4-F40CW/W/M	RECESSED & BODINE B70 EMERGENCY BALLAST	120
C	WILLIAMS 5224-RWKA125-EQ CLIPS - DOUBLE GASKET	4-F40CW/W/M	RECESSED, GASKET @ DOOR LENS AND DOOR FRAME	120
C1	SAME AS "C" ABOVE EXCEPT WITH EMERGENCY BALLAST	4-F40CW/W/M	SAME AS TYPE "C" EXCEPT WITH BODINE B70 EMERGENCY BALLAST	120
D	WILLIAMS 5222-RWKA125-EQ CLIPS	2-F40CW/W/M	RECESSED	120
D1	SAME AS "D" ABOVE EXCEPT WITH EMERGENCY BALLAST	2-F40CW/W/M	SAME AS TYPE "D" EXCEPT WITH BODINE B70 EMERGENCY BALLAST	120
E	HIGH LITES V-1236-R.O. MSLH OF REMOTE HEADS #225-844 AND #224-864 AS INDICATED	FURN.	SURFACE MOUNTED, 30 MIN ILLUM. WP HEADS ON EXTERIOR	120
F	INFINITY A60-75	1-75WA19	RECESSED WITH INSULATION THERMAL PROTECTOR	120
G	WILLIAMS 2922-KA-	2-F40CW/W/M	SURFACE MOUNTED	120
H	SAME AS "B" ABOVE	4-F40CW/W/M	RECESSED	120
H1	SAME AS "H" ABOVE EXCEPT WITH EMERGENCY BALLAST	4-F40CW/W/M	RECESSED & BODINE B70 EMERGENCY BALLAST	120
K	SAME AS "D" ABOVE	2-F40CW/W/M	RECESSED	120
K1	SAME AS "K" ABOVE EXCEPT WITH EMERGENCY BALLAST	2-F40CW/W/M	SAME AS TYPE "K" EXCEPT EQUIPPED WITH BODINE B70 EMERGENCY BALLAST	120
L	WILLIAMS W582-PGR-SF	1-70HPS	HIGH PRESSURE SODIUM VAPOR TIGHT	120
M	WILLIAMS 7622-WG-7614	2-F40CW/W/M	SURFACE MOUNTED	120
N	P&S 44	1-F13TT	SURFACE WITH PL LAMP	120
P	QUALITY SP18HPS180-BD-10-T-120-SP-70-BZA	1-150HPS	ON 15' POLE, QUALITY RSS-16-4Q-11-08ZA-TX	120
	EXIT LIGHT FURNISHED BY OWNER, SEE NOTE #2	FURN.	SINGLE OR DOUBLE FACE, AS INDICATED, UNIVERSAL MOUNT	120

NOTES:

- BALLAST TO BE ADVANCE MARK III OR EQUAL.
- CONTRACTOR TO PROVIDE COUNTS OF EACH TYPE EXIT LIGHT REQUIRED. CONTRACTOR TO PICK UP FIXTURES AT LOCATION DESIGNATED BY OWNER. ANY DAMAGE TO FIXTURES AFTER RECEIPT BY CONTRACTOR SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.

EQUIPMENT SCHEDULE	
ALL EQUIPMENT: RATED 208V/120 VOLT, 3 PHASE, 4-WIRE	
EXISTING MAIN SWITCHBOARD MSB:	
WESTINGHOUSE - SEE SPECIFICATIONS:	
1. REPLACE EXISTING 30A/3P FEEDER BREAKER FOR EXISTING PANEL BA TO REMAIN WITH NEW 100A/3P	
2. ADD 2 NEW 100A/3P FEEDER BREAKERS IN EXISTING 3P SPACES FOR NEW PANELS BC AND BM	
EXISTING PANEL BA:	
ADD 2-40A/3P CIRCUIT BREAKERS IN EXISTING SPACES CREATED BY DEMOLITION	
NEW PANELS BB:	
400A, MLO, SURFACE MOUNTED, 2-SECTION, EQUIPMENT GROUND BUS AND ISOLATED EQUIPMENT GROUND BUS, 22 KAIC WITH THE FOLLOWING CIRCUIT BREAKERS:	
CIRCUIT NO.	RATING
1 - 26, 28, 30 - 49, 51, 53 - 84	20A/1P
27, 29, 50, 52	30A/2P (2 REQUIRED)
NEW PANEL BC:	
100A, MLO, SURFACE MOUNTED, EQUIPMENT GROUND BUS AND ISOLATED EQUIPMENT GROUND BUS, 22 KAIC WITH THE FOLLOWING CIRCUIT BREAKERS:	
CIRCUIT NO.	RATING
1 - 36	20A/1P
37 - 42	1P SPACES
NEW PANEL BM:	
100A, MLO, SURFACE MOUNTED, EQUIPMENT GROUND BUS, 22 KAIC WITH THE FOLLOWING CIRCUIT BREAKERS:	
CIRCUIT NO.	RATING
1 - 5, 7, 9, 11, 13, 15, 17 - 22	20A/1P
6, 8, 10, 12, 14, 16	20A/3P (2 REQUIRED)
23 - 30	1P SPACES

LEGEND	
SYMBOL	DESCRIPTION
□	FLUORESCENT LIGHTING OUTLET - CEILING-MOUNTED
○	FLUORESCENT LIGHTING OUTLET - WALL-MOUNTED
○	INCANDESCENT OR HID LIGHTING OUTLET - CEILING-MOUNTED
○	INCANDESCENT OR HID LIGHTING OUTLET - WALL-MOUNTED
⊠	EMERGENCY LIGHTING OUTLET
⊠	SINGLE-POLE SWITCH
⊠	TWO-POLE SWITCH
⊠	THREE-WAY SWITCH
⊠	FOUR-WAY SWITCH
⊠	MULTI-LEVEL SWITCHING: Sa - SWITCHES 2 OUTBOARD LAMPS Sb - SWITCHES 2 INBOARD LAMPS
⊠	DIMMER CONTROL SWITCH
⊠	MANUAL MOTOR STARTER WITH OVERLOADS, TOGGLE OPERATED
⊠	WEATHER-PROOF MANUAL MOTOR STARTER WITH OVERLOADS, TOGGLE OPERATED
⊠	DUPLEX RECEPTACLE
⊠	QUADRUPLEX RECEPTACLE
⊠	DUPLEX RECEPTACLE - ABOVE COUNTER HEIGHT INDICATED - VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.
⊠	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTING, ISOLATING GROUND, SURGE PROTECTION, AND WEATHERPROOF TYPES INDICATED
⊠	SPECIAL PURPOSE OUTLET - NEMA CONFIGURATION (VOLTAGE, AMPACITY) INDICATED
⊠	BRANCH CIRCUIT IN CONDUIT - SWITCH LEG, HOT LEG, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED GROUND INDICATED
⊠	BRANCH CIRCUIT HOMERUN - PANEL AND CIRCUIT NUMBER INDICATED
⊠	FLEXIBLE CONDUIT
⊠	JUNCTION BOX
⊠	SAFETY DISCONNECT SWITCH - SIZE NOTED ON PLAN
⊠	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH
⊠	MOTOR STARTER
⊠	SURFACE-MOUNTED PANEL BOARD
⊠	TELEPHONE OUTLET
⊠	TELEPHONE OUTLET - WALL-MOUNTED TELEPHONE INDICATED
⊠	TELEPHONE OUTLET - ABOVE COUNTER HEIGHT INDICATED - VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS
⊠	TELEVISION OUTLET
⊠	PUBLIC TELEPHONE OUTLET - 48" AFF
⊠	TELEPHONE TERMINAL BOARD
⊠	COMPUTER OUTLET
⊠	FIRE ALARM BOUNDING DEVICE
⊠	FIRE ALARM PULL STATION
⊠	DUCT SMOKE DETECTOR
⊠	HEAT DETECTOR
⊠	SMOKE DETECTOR
⊠	DUCT SMOKE DETECTOR REMOTE TEST STATION
⊠	FIRE ALARM VISUAL DEVICE
⊠	THERMOSTAT - BY DIV. 15
⊠	THERMOSTAT CONDUIT/WIRE - BY DIV. 15
⊠	SPEED SWITCH DEVICE FURN. BY DIV. 15 CONDUIT, WIRING & INSTALLATION BY DIV. 16



NEW ELEVATOR PART PLANS
1/8" = 1'-0"

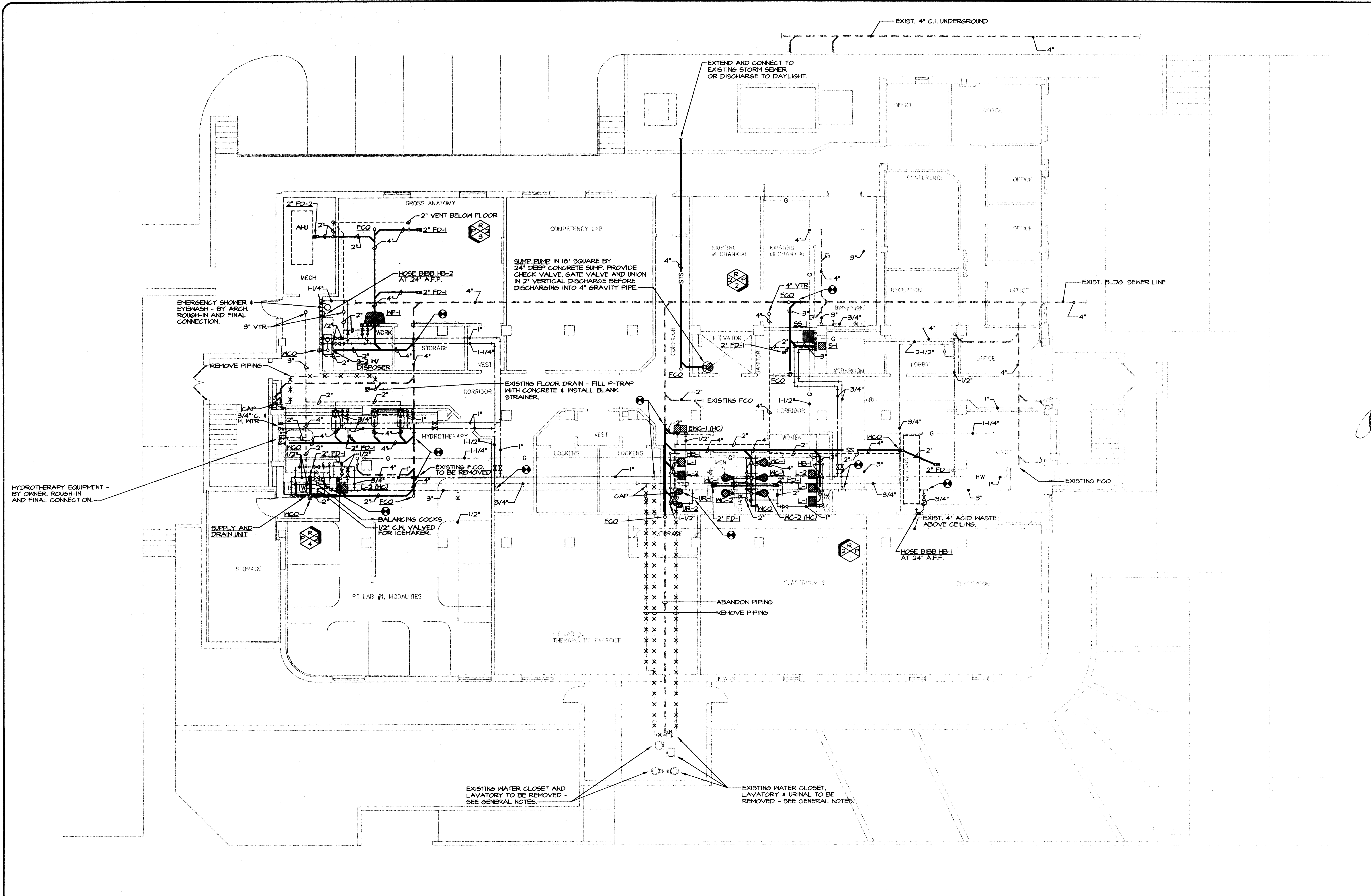
EXACT CONDUIT ROUTING TO BE DETERMINED IN THE FIELD TO AVOID EXISTING EQUIPMENT/PIPING. CORE DRILL FLOOR SLABS, FIRE-ROOF ALL NEW OPENINGS IN EXIST'G FIRE RATED FLOORS/WALLS/CLG'S SO AS TO RETAIN EXIST'G FIRE RATING.

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E6



HYDROTHERAPY EQUIPMENT - BY OWNER, ROUGH-IN AND FINAL CONNECTION.

EMERGENCY SHOWER & EYEWASH - BY ARCH. ROUGH-IN AND FINAL CONNECTION.

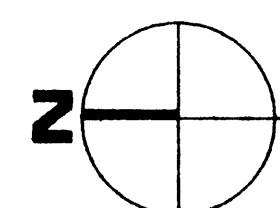
SUMP PUMP IN 10' SQUARE BY 24\"/>

EXTEND AND CONNECT TO EXISTING STORM SEWER OR DISCHARGE TO DAYLIGHT.

EXIST. BLDG. SEWER LINE

EXISTING WATER CLOSET AND LAVATORY TO BE REMOVED - SEE GENERAL NOTES.

EXISTING WATER CLOSET, LAVATORY & URINAL TO BE REMOVED - SEE GENERAL NOTES.



BASEMENT FLOOR PLAN - PLUMBING
SCALE 1/8" = 1'-0"



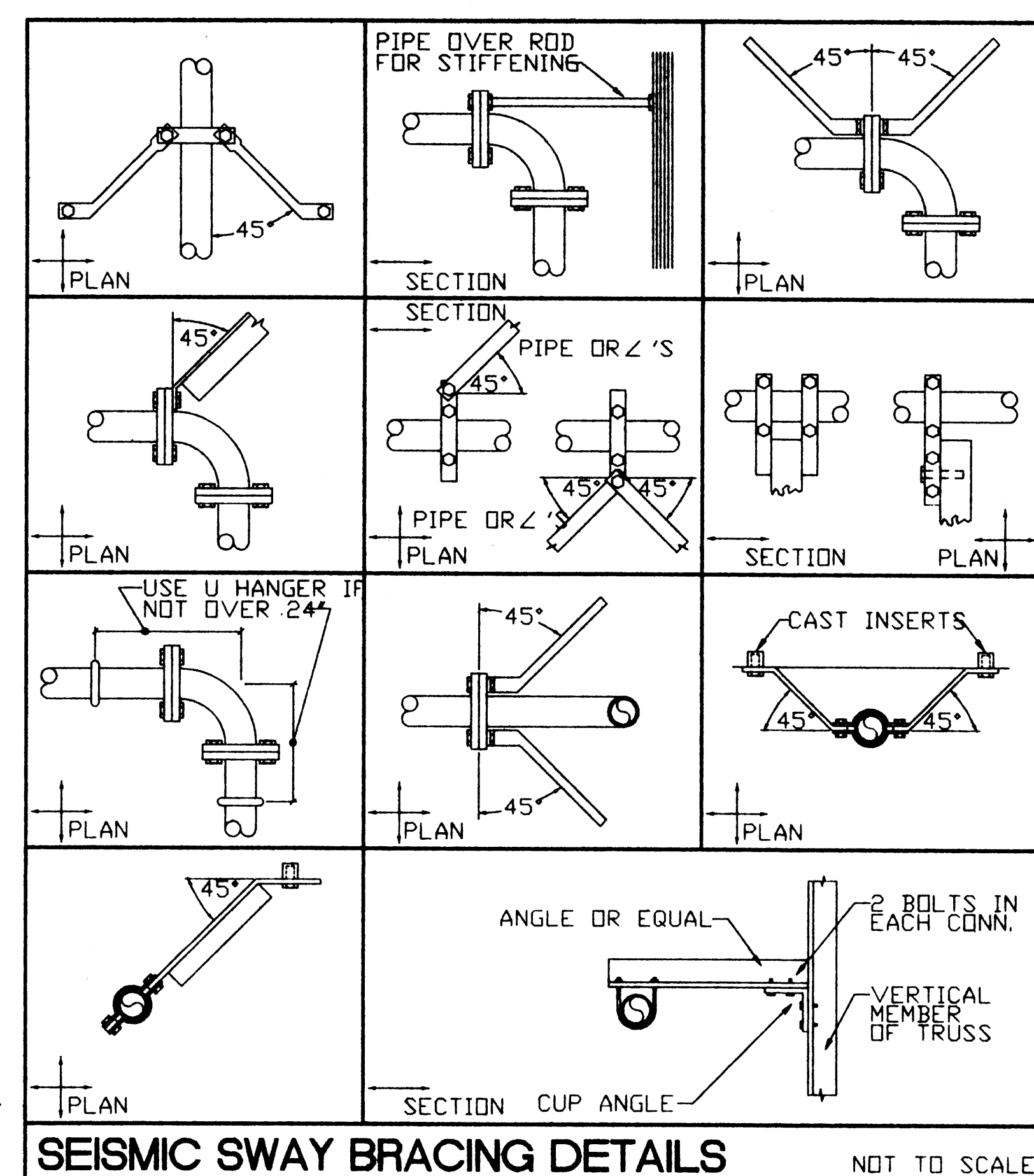
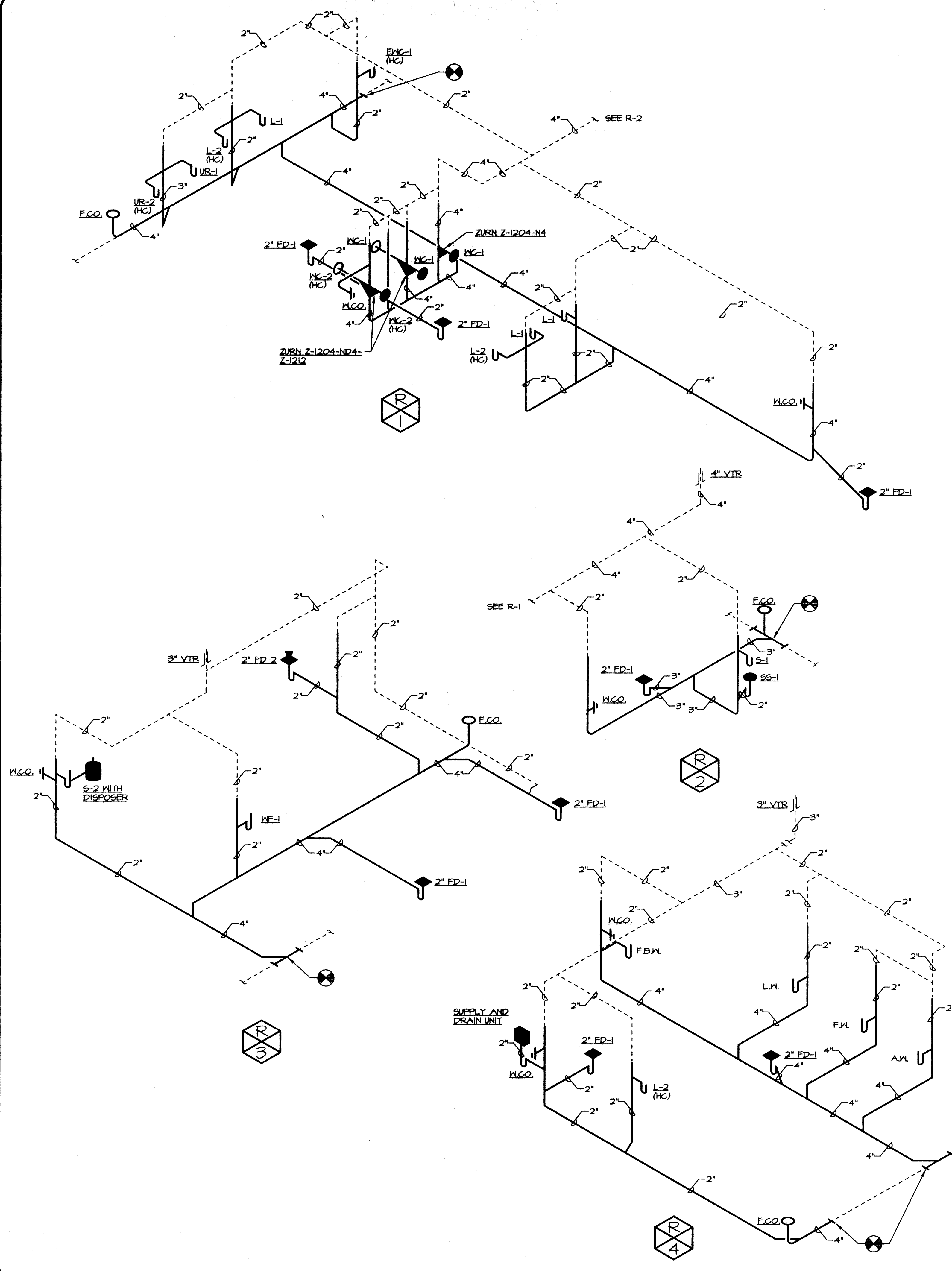
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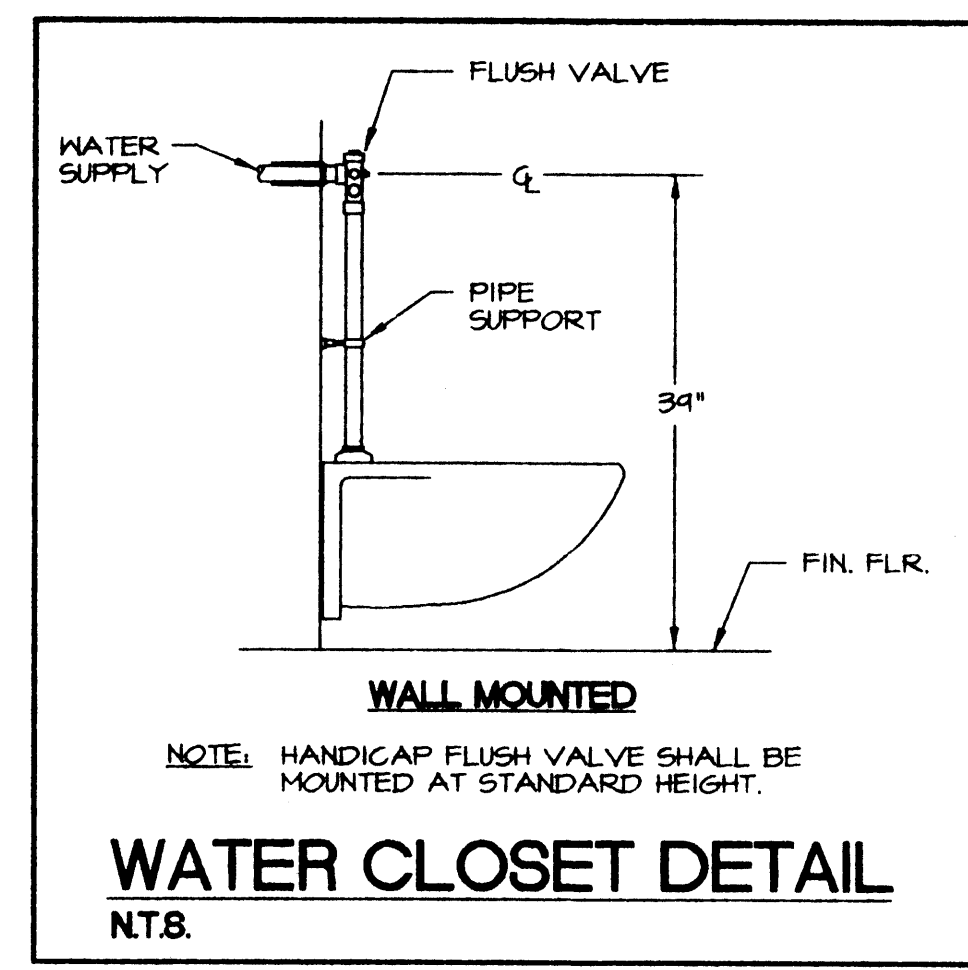
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SEISMIC SWAY BRACING DETAILS NOT TO SCALE

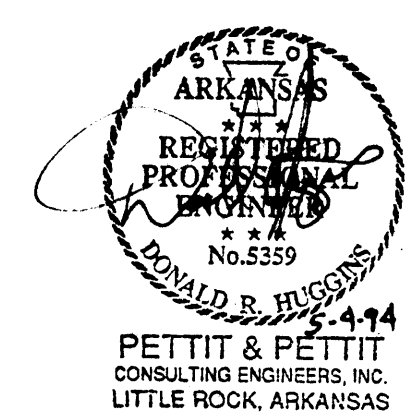


WATER CLOSET DETAIL N.T.S.

PLUMBING LEGEND		
SYMBOL	DESCRIPTION	REMARKS
	COLD, HOT & HOT WATER RETURN PIPING	PIPING ABOVE FLOOR UNLESS SHOWN OR NOTED OTHERWISE
	GAS, AIR & VACUUM PIPING	
	OXYGEN PIPING	
	INDIRECT DRAIN, STORM SEWER & SANITARY SEWER PIPING	
	FIRE PROTECTION & SPRINKLER PIPING	
	PENDANT, UPRIGHT & SIDEWALL SPRINKLER HEADS	
	VENT PIPING	
	ACID WASTE & VENT PIPING	
	SANITARY SEWER (WASTE) PIPING	
	STORM SEWER PIPING	
	INDIRECT DRAIN PIPING	PIPING BELOW FLOOR OR GRADE UNLESS SHOWN OR NOTED OTHERWISE
	DOMESTIC WATER PIPING	
	DESIGNATED PIPING (SC, HW, HWR, G, A, V, ETC.)	GATE VALVE UNLESS NOTED UNLESS NOTED OTHERWISE
	SHUT-OFF VALVE	
	GAS COCK	UNION UNLESS NOTED OTHERWISE
	UNION	
	C.W. COLD WATER	
	H.W. HOT WATER	
	H.W.R. HOT WATER RETURN	
	G.V. GATE VALVE	
	F.H.C. FIRE HOSE CABINET	
	P.R.V. PRESSURE REDUCING VALVE	
	C.O. CLEANOUT	SEE DETAIL
	C.O.T.G. CLEANOUT TO GRADE	
	F.C.O. FLOOR CLEANOUT	SEE GENERAL NOTES
	W.C.O. WALL CLEANOUT	
	V.T.R. VENT THRU ROOF	SEE DRAWINGS FOR NUMBER OF OUTLETS AND EXACT LOCATIONS
	-HW-CW-DW HOT, COLD & DISTILLED WATER OUTLETS	
	○ GAS OUTLETS	
	△ AIR OUTLETS	
	⊙ OXYGEN OUTLETS	
	□ VACUUM OUTLETS	
	⊠ SHUT-OFF VALVE IN BOX	
	Ⓡ RISER DIAGRAM LOCATION SHEET NUMBER	
	Ⓡ RISER DIAGRAM NUMBER	
	Ⓡ PARTIAL PLAN LOCATION SHEET NUMBER	
	Ⓡ PARTIAL PLAN NUMBER	
	Ⓡ CONNECT TO EXISTING	

PLUMBING GENERAL NOTES																			
1.	HOT AND COLD WATER SUPPLIES TO FIXTURES SHALL BE AS FOLLOWS, UNLESS SHOWN OR NOTED OTHERWISE: <table border="0"> <tr> <td>WATER CLOSET</td> <td>1-1/4"</td> </tr> <tr> <td>URINAL</td> <td>3/4"</td> </tr> <tr> <td>LAVATORY</td> <td>1/2"</td> </tr> <tr> <td>SERVICE SINK</td> <td>3/4"</td> </tr> <tr> <td>ELECTRIC WATER COOLER</td> <td>1/2"</td> </tr> <tr> <td>SINK</td> <td>1/2"</td> </tr> <tr> <td>SUPPLY & DRAIN UNIT</td> <td>1/2"</td> </tr> <tr> <td>HOSE BIBB</td> <td>3/4"</td> </tr> <tr> <td>EMERGENCY SHOWER & EYE WASH</td> <td>1-1/4"</td> </tr> </table>	WATER CLOSET	1-1/4"	URINAL	3/4"	LAVATORY	1/2"	SERVICE SINK	3/4"	ELECTRIC WATER COOLER	1/2"	SINK	1/2"	SUPPLY & DRAIN UNIT	1/2"	HOSE BIBB	3/4"	EMERGENCY SHOWER & EYE WASH	1-1/4"
WATER CLOSET	1-1/4"																		
URINAL	3/4"																		
LAVATORY	1/2"																		
SERVICE SINK	3/4"																		
ELECTRIC WATER COOLER	1/2"																		
SINK	1/2"																		
SUPPLY & DRAIN UNIT	1/2"																		
HOSE BIBB	3/4"																		
EMERGENCY SHOWER & EYE WASH	1-1/4"																		
2.	ALL SUPPLIES TO FIXTURE SHALL BE PROVIDED WITH A HIGH EAR COUPLING EQUAL TO MUELLER NO. C-100HE (1/2", 3/4", OR 1" SIZE) AT THE WALL (ANCHORED TO CROSS-MEMBER SUPPORT) BEFORE PIPE ENTERS ROOM SPACE TO ASSURE NO PIPE MOVEMENT WITHIN WALL CAVITY.																		
3.	PROVIDE AIR CHAMBERS ON ALL HOT AND COLD WATER SUPPLIES, TO AND FOR EACH FIXTURE, THE SAME DIAMETER AS THE SUPPLY AND 12" LONG. SEE GENERAL NOTE NO. 1.																		
4.	FLUSH VALVES SHALL BE MOUNTED SUCH THAT DIMENSION FROM FLUSH VALVE CENTERLINE TO FINISHED FLOOR SHALL BE 39". WHERE HANDICAPPED GRAB BARS ARE INSTALLED ON BACK WALL AT CLOSET, FLUSH VALVE SHALL BE MOUNTED AT STANDARD HEIGHT. SEE SPECIFICATIONS AND WATER CLOSET DETAIL.																		
5.	ALL VENTS THROUGH ROOF SHALL BE PROVIDED WITH 6# LEAD FLASHING.																		
6.	ALL FLOOR DRAINS SHALL BE PROVIDED WITH DEEP-SEAL TYPE TRAP WITH NOT LESS THAN FOUR-INCH (4") WATER SEAL.																		
7.	CUT WALLS, FLOORS, OR CEILINGS AS REQUIRED TO INSTALL NEW PIPING. ALL FURRING AND REPAIRING SHALL BE BY THE GENERAL CONTRACTOR. COORDINATE REQUIREMENTS WITH THE GENERAL CONTRACTOR.																		
8.	REWORK EXISTING WATER SANITARY, AND VENT PIPING AS REQUIRED TO INSTALL NEW PLUMBING FIXTURES.																		
9.	WHERE EXISTING FIXTURES AND EQUIPMENT ARE REMOVED AND NOT REPLACED, CAP ALL PIPING WITHIN WALLS, FLOORS, OR CEILING AS REQUIRED FOR CONCEALMENT.																		
10.	REMOVE ALL EXISTING PIPING WHICH IS DEEMED INOPERABLE AS A RESULT OF THIS CONTRACT UNLESS SHOWN OR NOTED OTHERWISE.																		
11.	THE CONTRACTOR SHALL, PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, JOB SITE VERIFY SIZE, ELEVATION, LOCATION, ETC. OF ANY EXISTING PIPING NOTED, SHOWN, OR IMPLIED, TO WHICH NEW PIPING IS RELATED OR CONNECTED.																		
12.	EXISTING PIPE, TO WHICH NEW PIPE IS CONNECTED, SHALL BE RODDED, FLUSHED, AND CLEANED FROM POINT OF CONNECTION TO MAIN OUTSIDE BUILDING.																		
13.	EXISTING FLOOR DRAINS SHALL BE THOROUGHLY CLEANED AND BUFFED. EXISTING PIPING SHALL BE RODDED AND CLEANED TO THE POINT OF CONNECTION TO THE MAIN.																		
14.	CLOSE COORDINATION AND COOPERATION SHALL BE MAINTAINED BETWEEN TRADES WITH REGARD TO PLUMBING, HVAC, AND ELECTRICAL PLANS.																		

FLOOR DRAIN SCHEDULE	
SYMBOL	MANUFACTURER AND MODEL
FD-1	ZURN ZN-415-B WITH 6" STRAINER
FD-2	ZURN ZN-415-E WITH INTEGRAL FUNNEL STRAINER

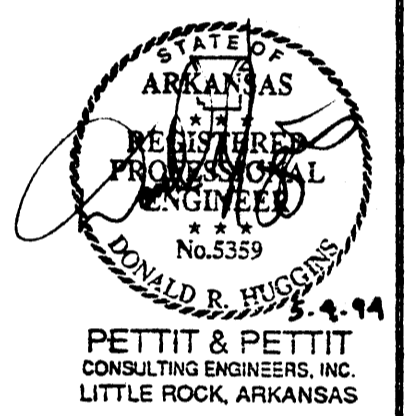
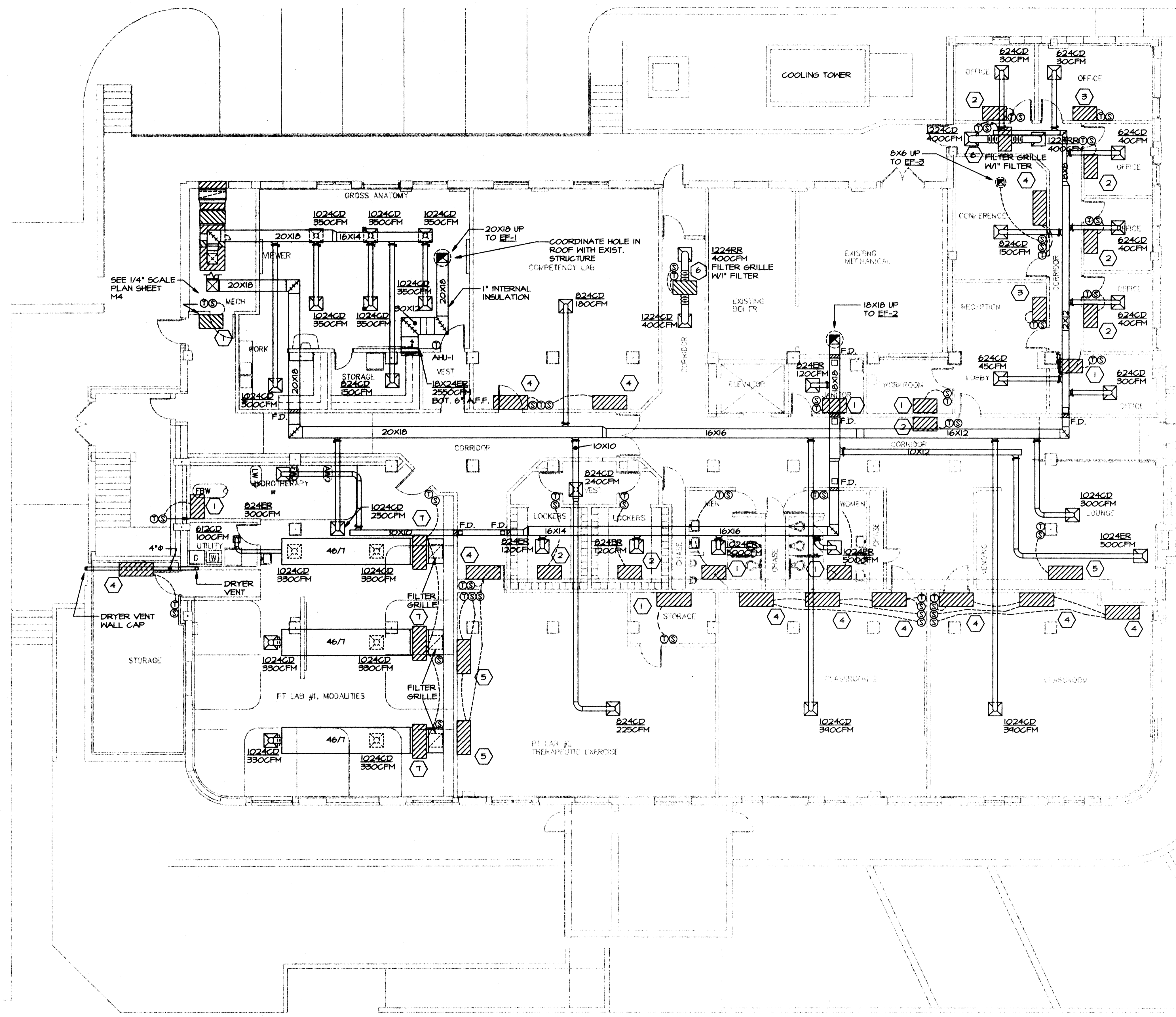


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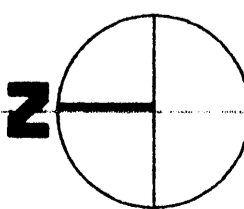
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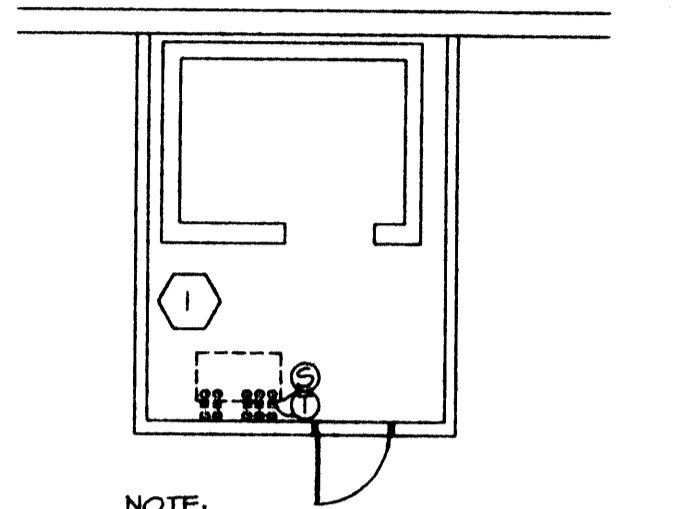
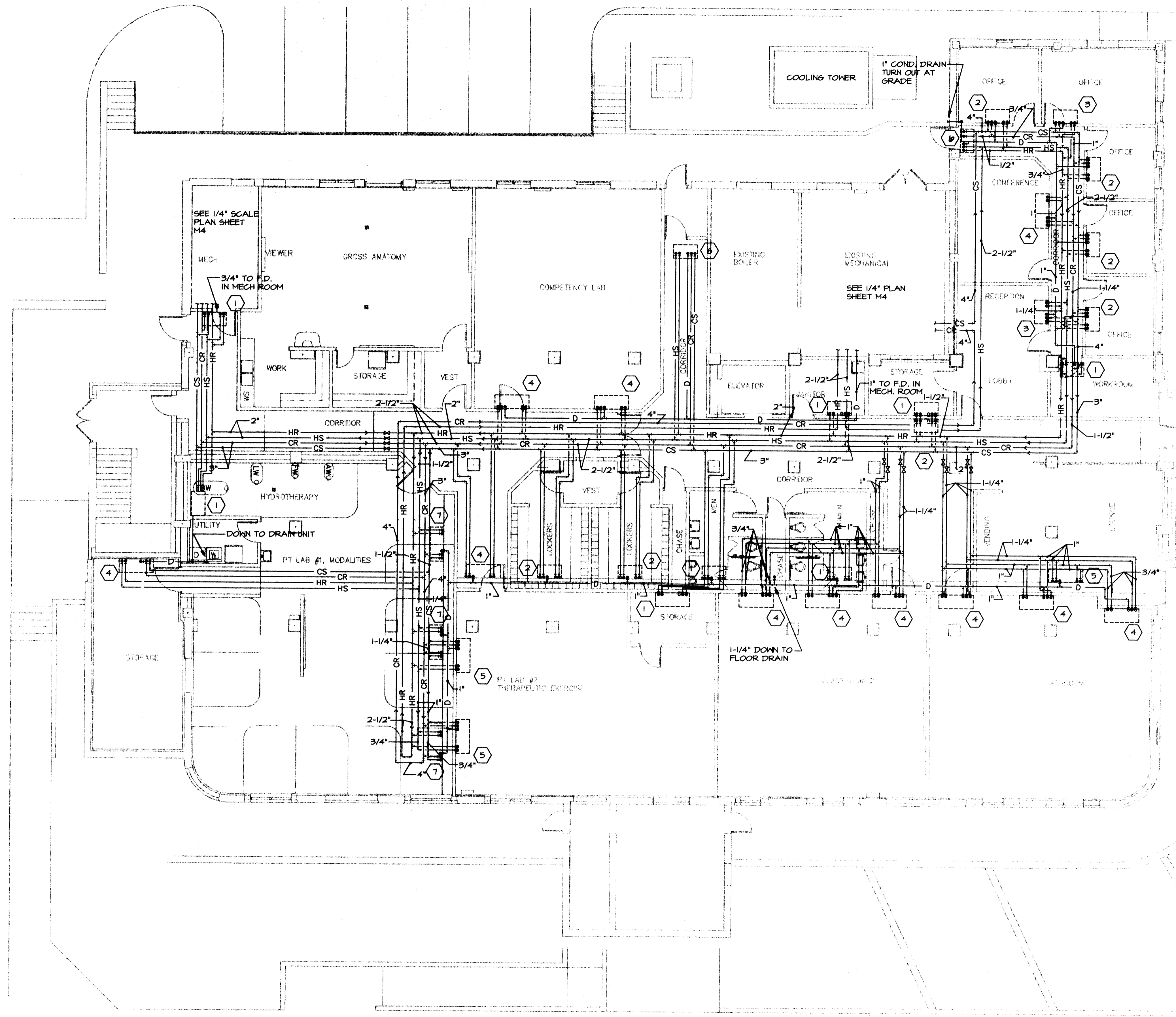
BASEMENT FLOOR PLAN - DUCTWORK

SCALE 1/8" = 1'-0"

14013

3/28/94

M2



NOTE:
CONNECT TO EXISTING PIPING ON FIFTH FLOOR. TYPICAL 3/4" PIPE.

**ELEVATOR PENTHOUSE
FLOOR PLAN - PIPING**
SCALE 1/8" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
No. 5359
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ARKANSAS STATE UNIVERSITY**
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M3

BASEMENT FLOOR PLAN - PIPING
SCALE 1/8" = 1'-0"

AIR HANDLING UNIT SCHEDULE																																	
DESIG.	MFR/MDL	AREA SERVED	LOCAT.	TYPE	FAN DATA					CHILLED WATER COIL										HEATING WATER COIL (REHEAT)							MOTOR DATA			REMARKS			
					MIN	MAX	CFM	ESP/TSP	TYPE	DIA.	EAT	LAT	EWT	LVT	GPM	P.D.	RDV/FIN	MBH	APD	EAT/LAT	EWT	GPM	P.D.	MBH	RDV/FIN	APD	BHP	HP	VOLT/PH				
AHU-1	TRANE/ #6	ANATOMY LAB	MECH.	HDT	2550	2550	2550	1.5/2.43	FC	10"	46 7/8"	55 7/8"	186.4	116.1	45"	55"	31.3	6.93	8/106	436	0.76	55 7/8"	180"	11.6	0.43	116.5	2/72	436	0.11	1.73	2	208/3Ø	PROVIDE BASE RAIL
AHU-2	TRANE/ #6	CLASS-ROOMS	MECH.	HDT	2430	2430	2430	1.5/2.58	FC	10"	46 7/8"	55 7/8"	171.7	110.6	45"	55"	35.5	6.35	8/103	415	0.10	55 7/8"	180"	11.3	0.41	113.3	2/72	415	0.10	1.66	2	208/3Ø	PROVIDE BASE RAIL

FANCOIL UNIT SCHEDULE																																			
DESIG.	MFR/MDL	TYPE	CFM	ESP	CHILLED WATER COIL										HEATING WATER COIL							MOTOR			REMARKS										
					EAT	EWT	LVT	GPM	P.D.	TKMBHD	SKMBHD	EAT	EWT	LVT	GPM	P.D.	MBH	WATTS	VOLT/PHASE																
1	TRANE HCAB02-3CIH	HORIZ. CAB	191	0	75 1/2"	63"	45"	55"	1.1	4.3	5.5	4.5	70"	180"	150"	0.6	—	9.1	56	115V	1Ø	FRONT QUAD, DIFF. DISCHARGE STAMPED BOTTOM RETURN GRILLES & 1" FILTERS													
2	TRANE HCAB03-3CIH		274						1.3	2.7	6.5	5.8					0.9	—	12.7	67															
3	TRANE HCAB04-3CIH		344						1.8	5.8	9.3	7.7					1.2	—	17.0	100															
4	TRANE HCAB06-3CIH		565						2.6	2.6	12.9	11.7					1.9	—	27.5	145															
5	TRANE HCAB08-3CIH		658						3.4	4.9	17.1	14.4					2.3	—	33.5	165															
6	TRANE HCON04-3CIH	HORIZ. CON.	347						1.8	5.7	9.2	7.7					1.2	—	16.9	155															
7	TRANE HCON08-3CIH	HORIZ. CON.	658						3.4	4.9	17.1	14.4					2.3	—	33.5	165															

CHILLER SCHEDULE (WATER COOLED)																											
DESIG.	MFR/MDL	TYPE	TONS	AMBIENT	EVAPORATOR					CONDENSER					POWER DATA			REMARKS									
					GPM	P.D.	EWT	LVT	GPM	P.D.	EWT	LVT	KV/TON	VOLT	PHASE	RLA											
CH-1	TRANE/ CVHE-320	CENT.	180	—	430	4.7	55.05"	45"	540	10.2	85"	44.5"	0.844	208	3Ø	361	PROVIDE OXYGEN MONITOR & BREATHING APPARATUS WITH CHILLER.										

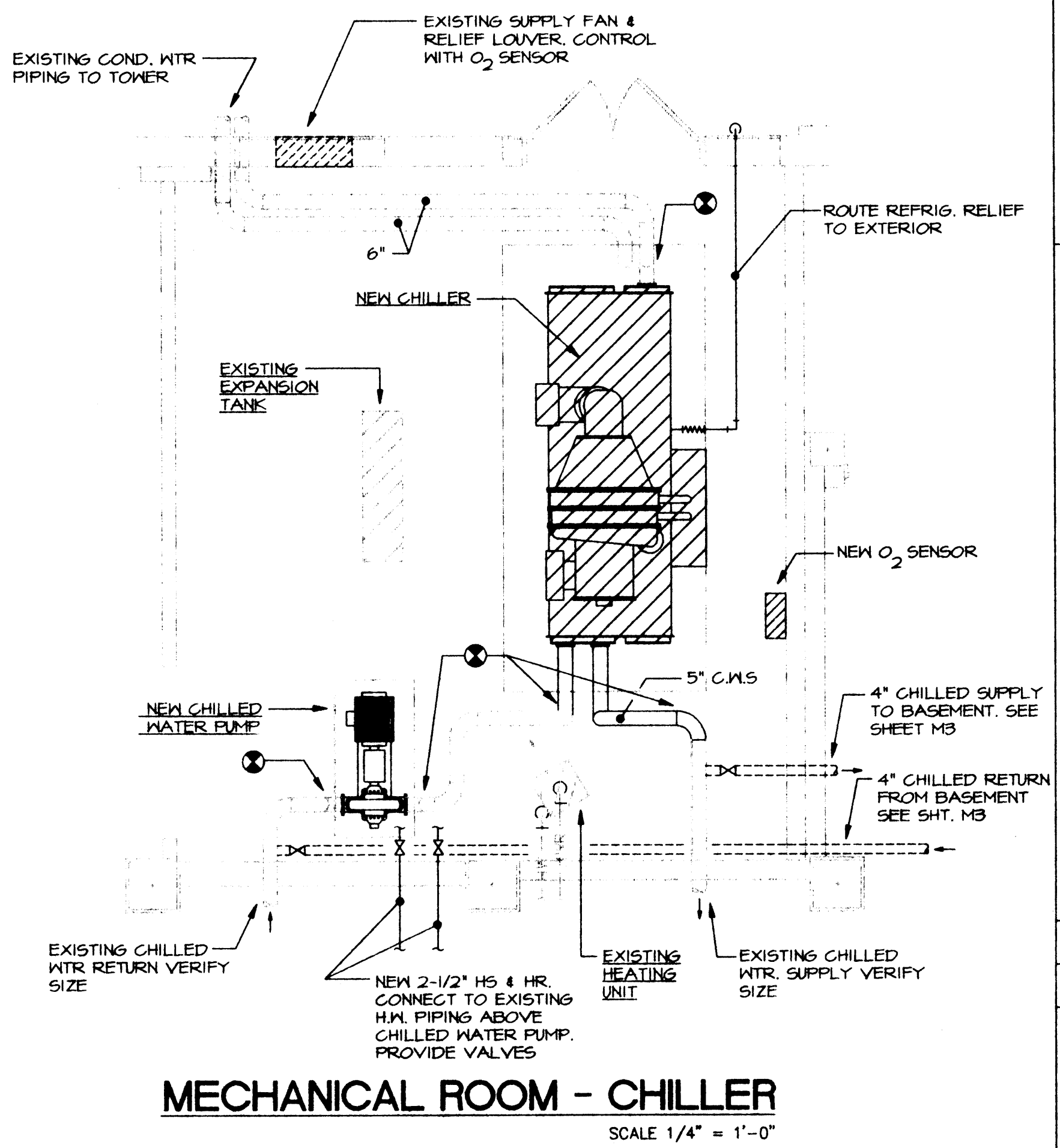
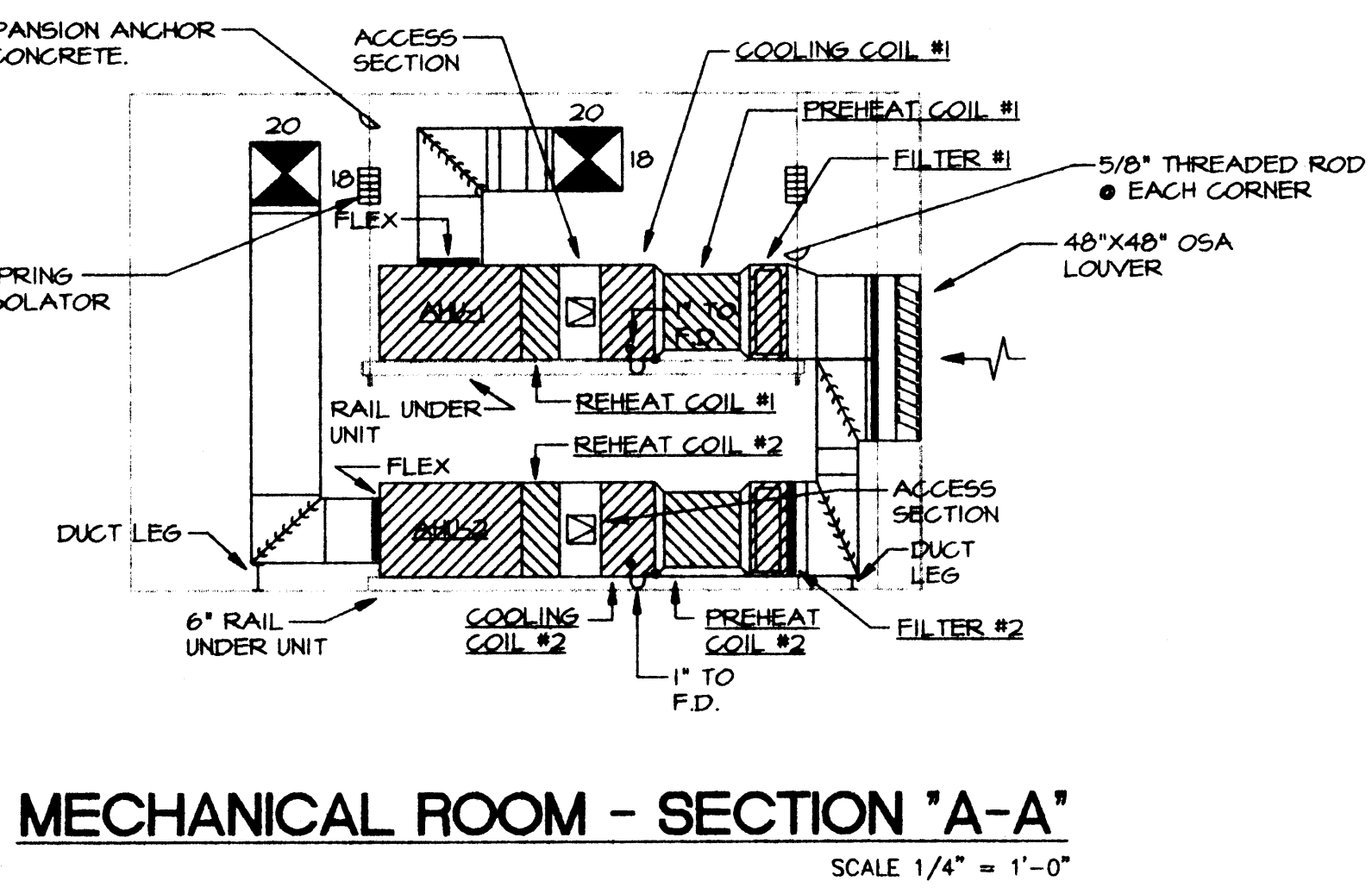
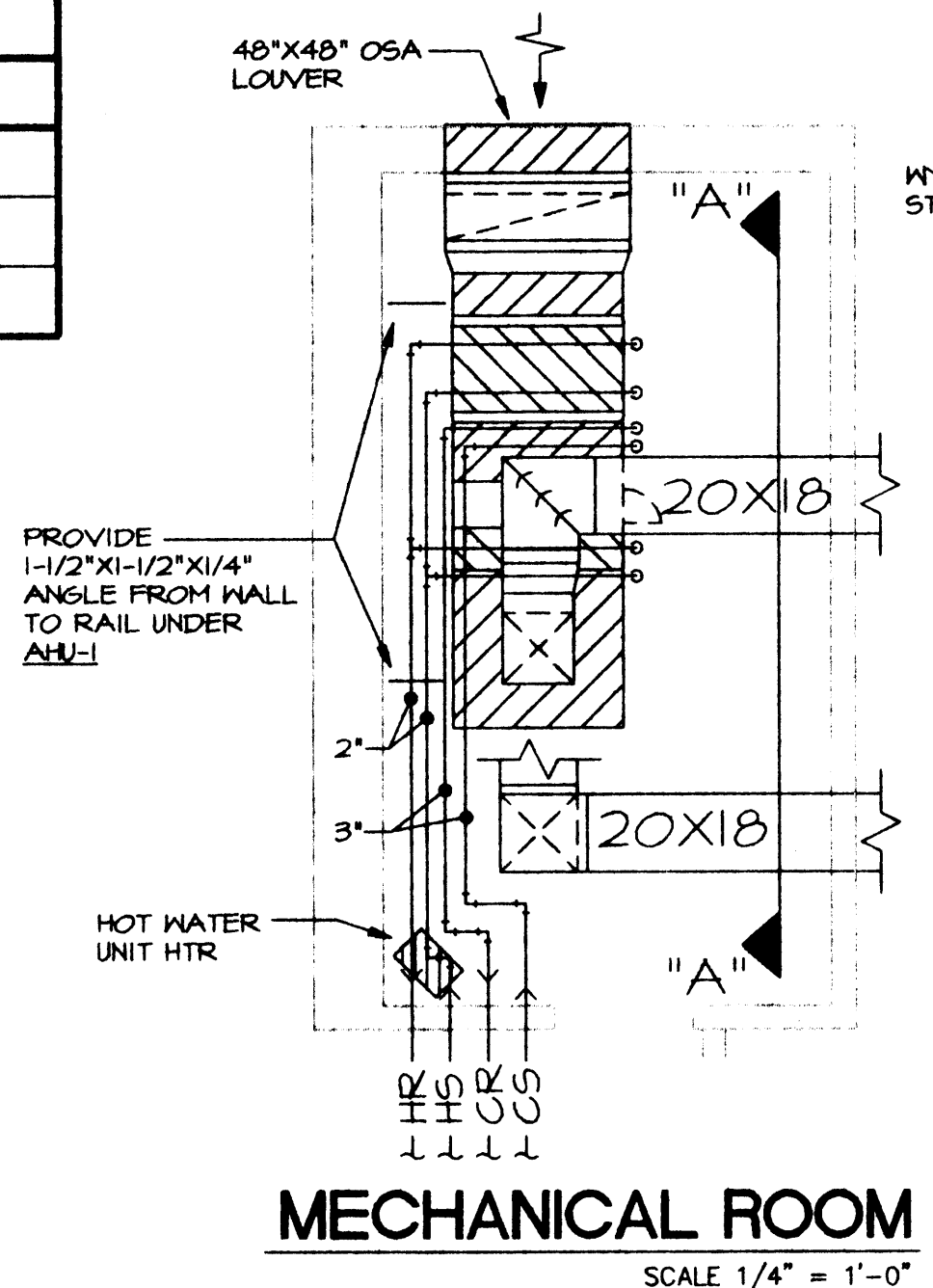
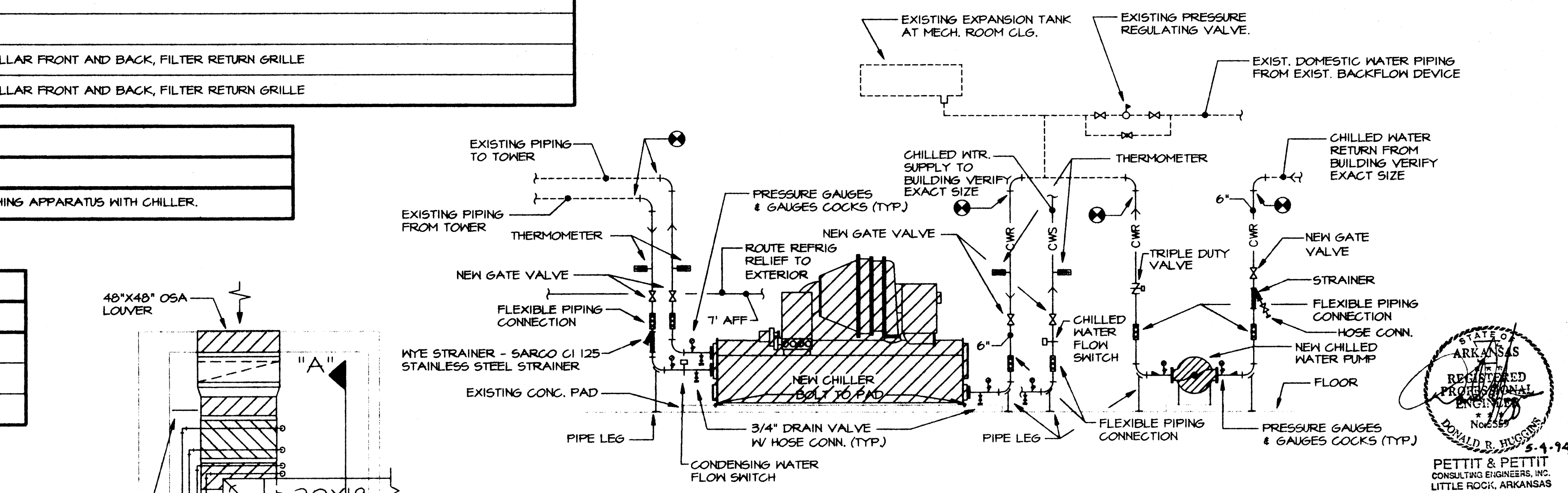
EXHAUST FAN SCHEDULE																											
DESIG.	MFR/MDL	SERVES	LOCAT.	TYPE	FAN DATA					MOTOR DATA			REMARKS														
					CFM	S.P.	RPM	DRIVE	TYPE	DIA.	SIZE(S)	RPM		BHP	HP	VOLT/PH											
EF-1	COOK/ACRU-B100RSB	GROSS ANATOMY	ROOF	CENT.	2645	1/2"	905	BELT	CENT.	12"	14J	1750	.41	1/2	120/1Ø	SEE PROJECT MANUAL											
EF-2	COOK/ACRU-B165R4B	CLASSROOM PT. LAB	ROOF	CENT.	2305	3/8"	975	BELT	CENT.	13"	12.7	1750	.78	1/3	120/1Ø	SEE PROJECT MANUAL											
EF-3	COOK/ACE-D10015DM	CONF. ROOM	ROOF	CENT.	157	1/4"	1125	DIR.	CENT.	7-1/4"	5J	1750	—	1/25	120/1Ø	FAN SPEED CONTROL											

FILTER SCHEDULE													
DESIG.	MFR/MDL	SERVES	CFM	EFFICIENCIES PER ASHRAE STD. 52-76		OVERALL SIZE HEIGHT - WIDTH	DEPTH	FACE VEL.	PRESSURE DROP		REMARKS		
				25-30%	50-90%				INITIAL	FINAL			
FILTER#1	FARR/ 4F 2M x 1T	AHU-1	2550	4"	FARR 30/30	2'-0" x 4'-0"	12"	914	0.12	0.9	PROVIDE DRYER INCLINED GAUGE MANOMETER.		
FILTER#2	FARR/ 4F 2M x 1T	AHU-2	2430	4"	FARR 30/30	2'-0" x 4'-0"	12"	304	0.12	0.9	PROVIDE DRYER INCLINED GAUGE MANOMETER.		

PUMP SCHEDULE													
DESIG.	MFR/MDL	SERVES	LOCAT.	TYPE	GPM	HEAD	EFF.	MOTOR DATA				REMARKS	
								BHP	HP	RPM	VOLT/PH		
CHILL WTR.	PACO/ 4012	CHILLER	MECH.	SPLIT CASE	430	75	72	11.33	15	1750	208/3Ø	INSULATE PER PROJECT MANUAL	

PRE-HEAT COIL SCHEDULE													
DESIG.	MFR/MDL	SERVES	LOCAT.	TYPE	CFM	EAT	LAT	EWT	GPM	WATER P.D.	MBH	AIR PD	REMARKS
PHC-2	WING/ IFB	AHU-2	MECH.	H.V.L.	2280	0"	55"	180"	6.0	.26	136.1	0.19	

UNIT HEATER SCHEDULE														
DESIG.	MFR/MDL	SERVES	LOCAT.	TYPE	CFM	GPM	EWT	LVT	EAT	PD	MOTOR DATA		REMARKS	
											HP	VOLT/PHASE		
UH-1	TRANE/ 38-S	MECH ROOM	MECH ROOM	H.V.L.	543	1.47	180"	160"	60"	.04	1/20	115	1Ø	PROVIDE LIKE VOLTAGE THERMOSTAT



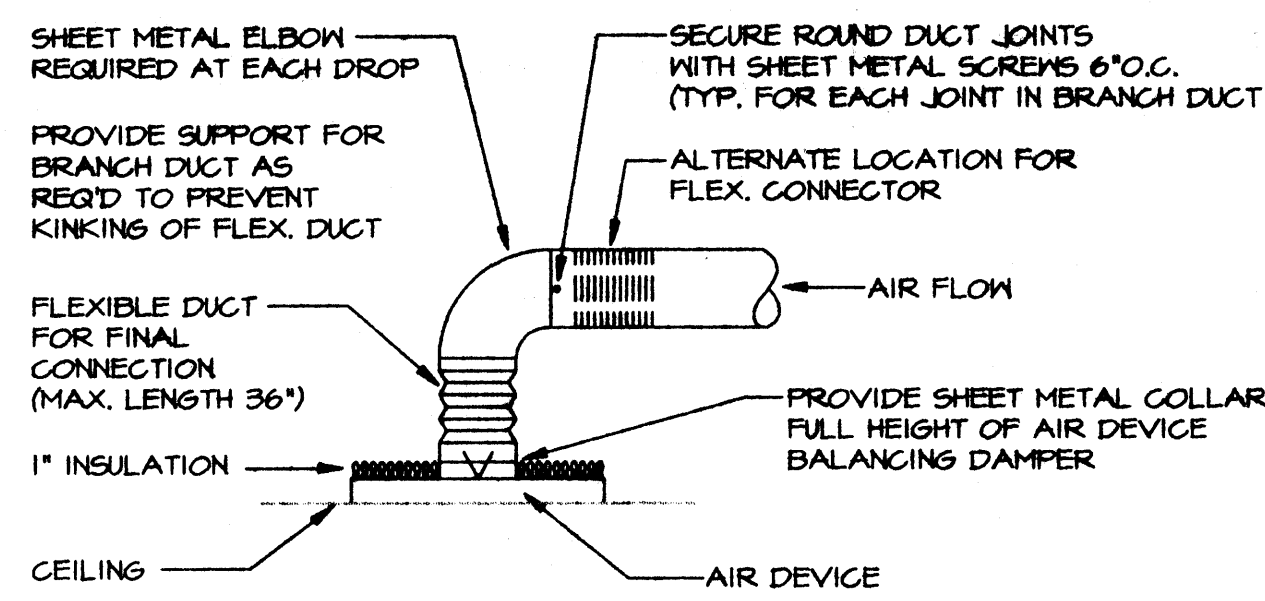
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 2581
DONALD B. BLISSON
5-4-94
PETTIT & PETTIT
CONSULTING ENGINEERS, INC.
LITTLE ROCK, ARKANSAS

Albert Frankenberg, AIA
A. R. C. E. I. T. E. C. F.
1500 E. Main Street, Suite 100
Jonesboro, AR 72403

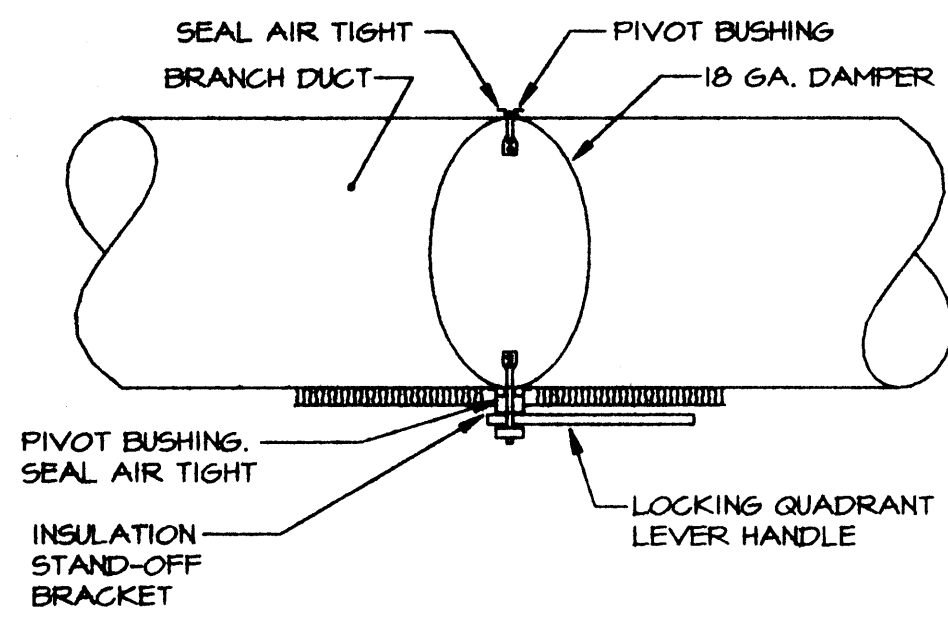
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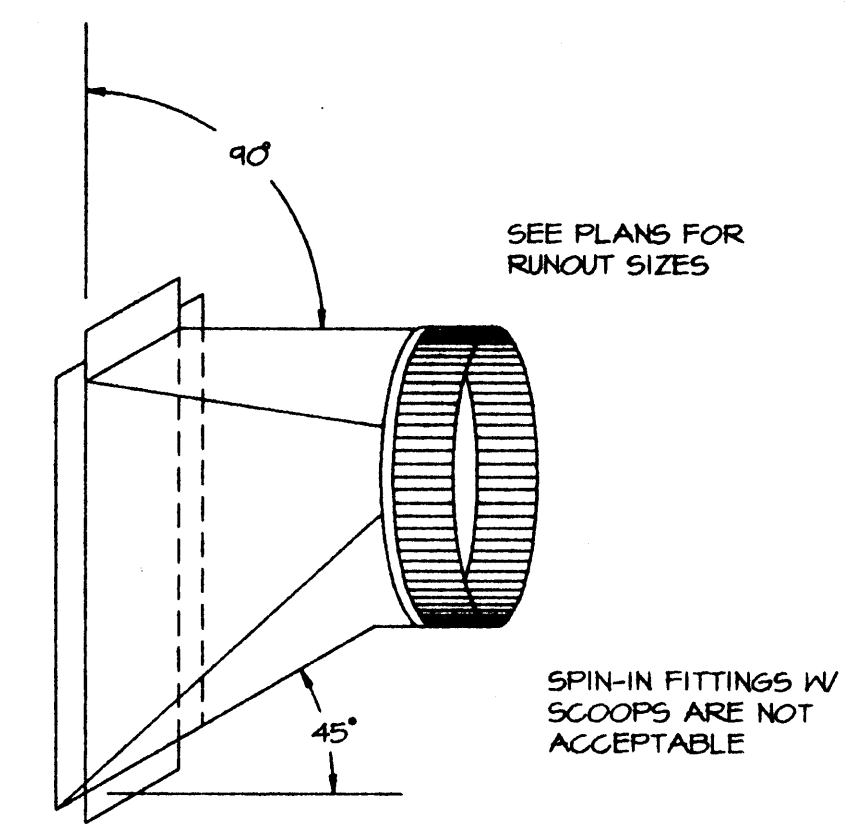
M4



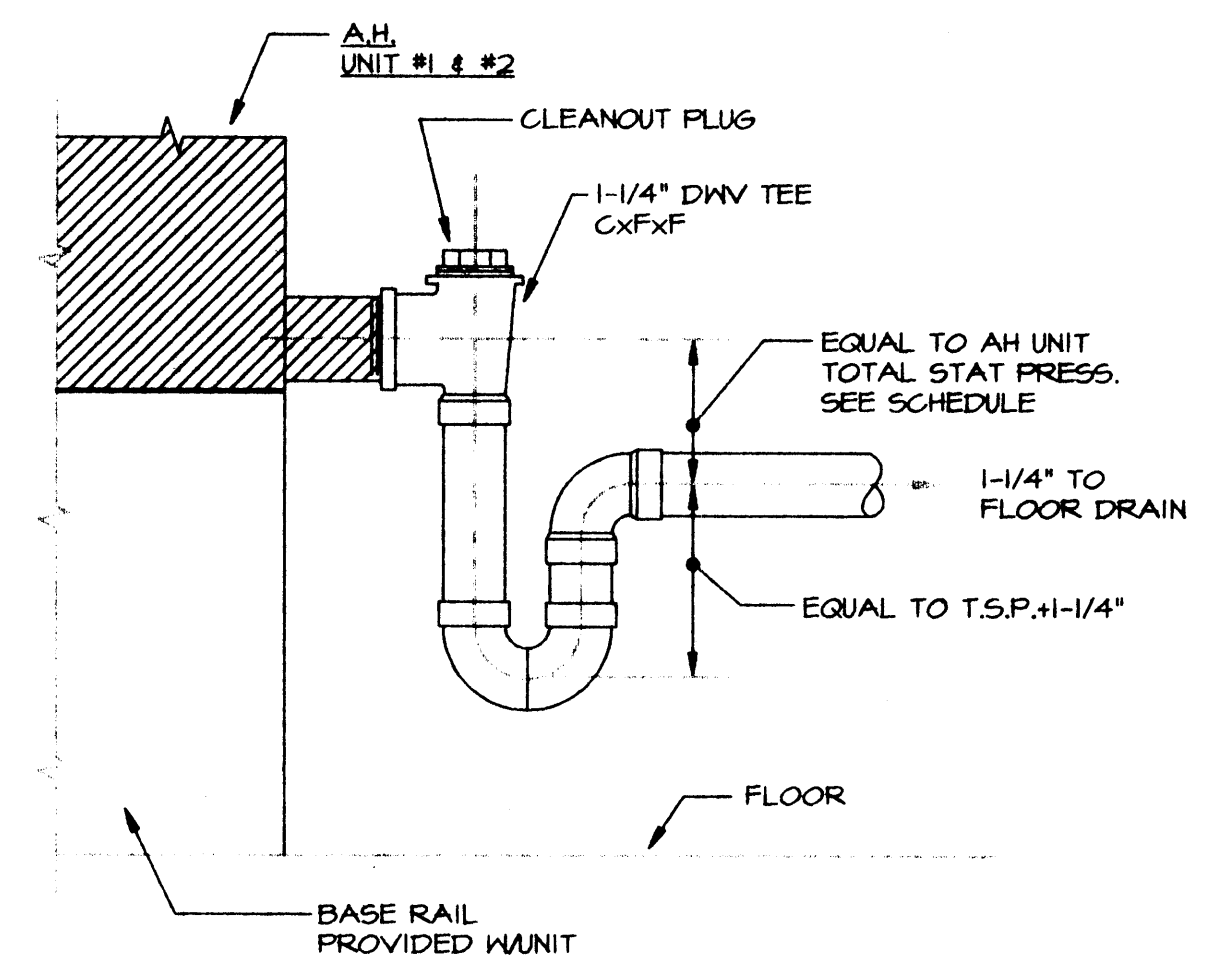
DIFFUSER CONNECTION RUNOUT
NTS (SIMILAR FOR EXHAUST REGISTERS)



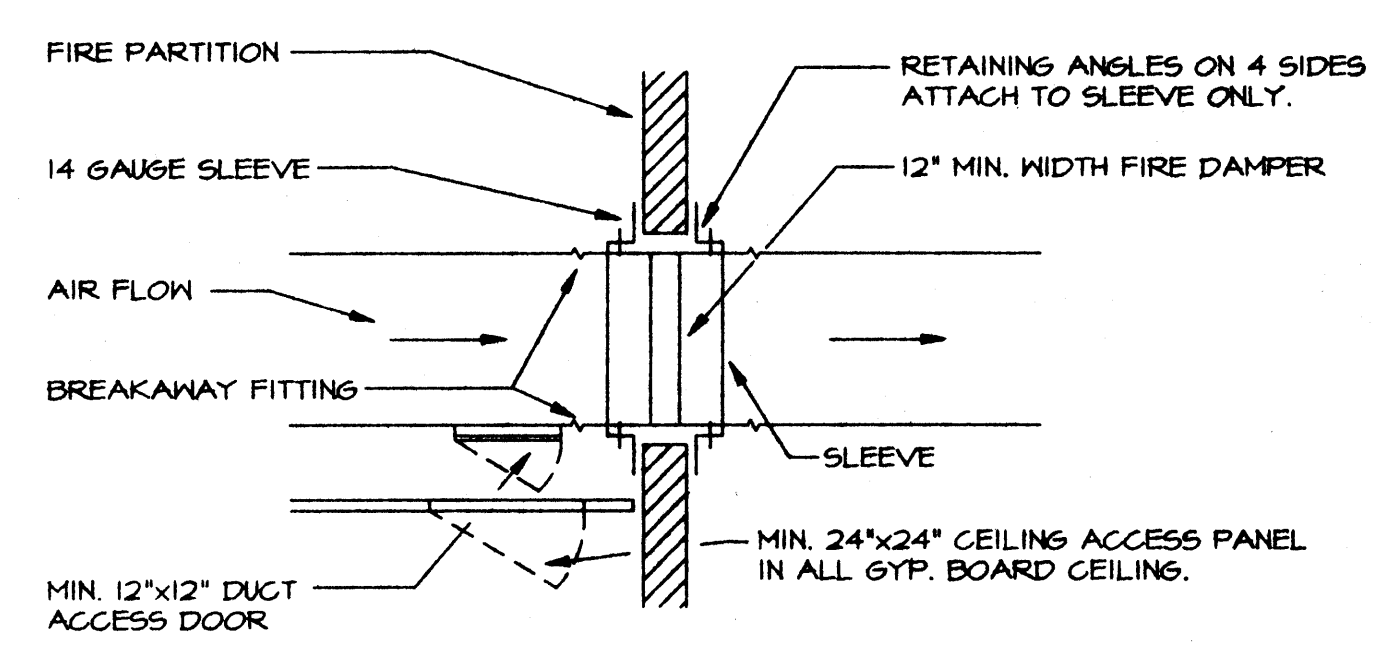
MANUAL DAMPER DETAIL
NTS



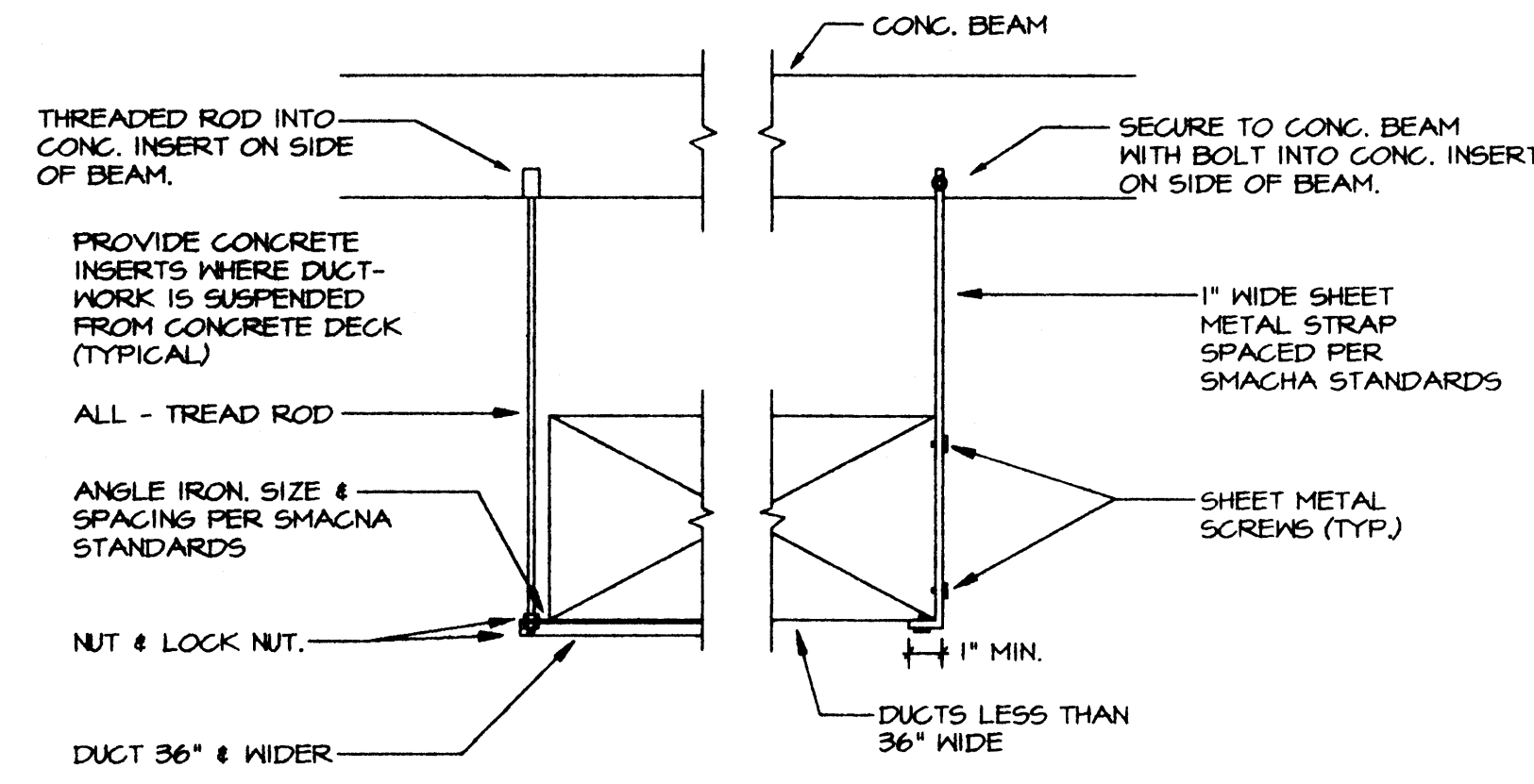
BRANCH DUCT TAP FITTING
NTS



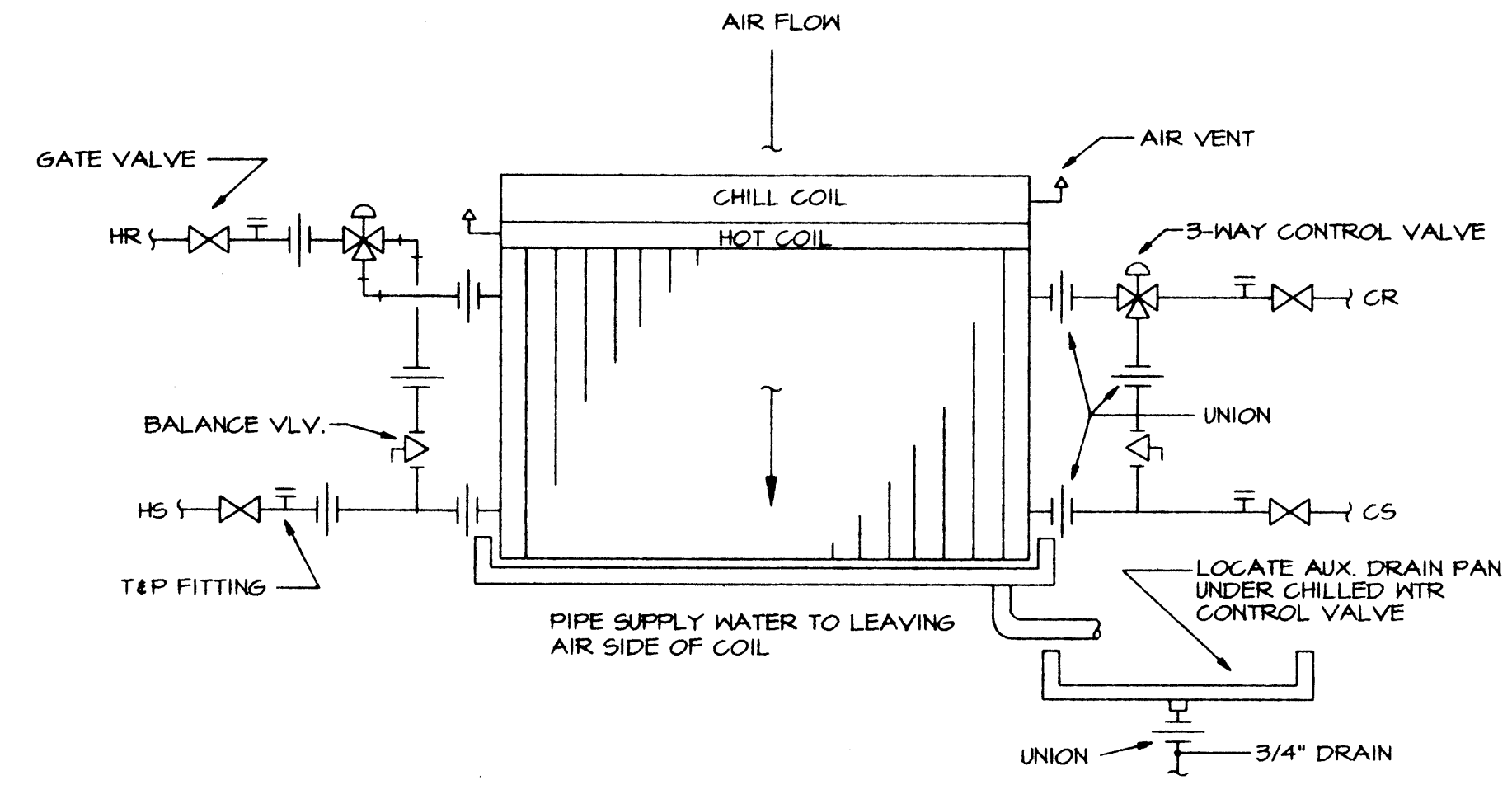
CONDENSATE DRAIN DETAIL
NTS



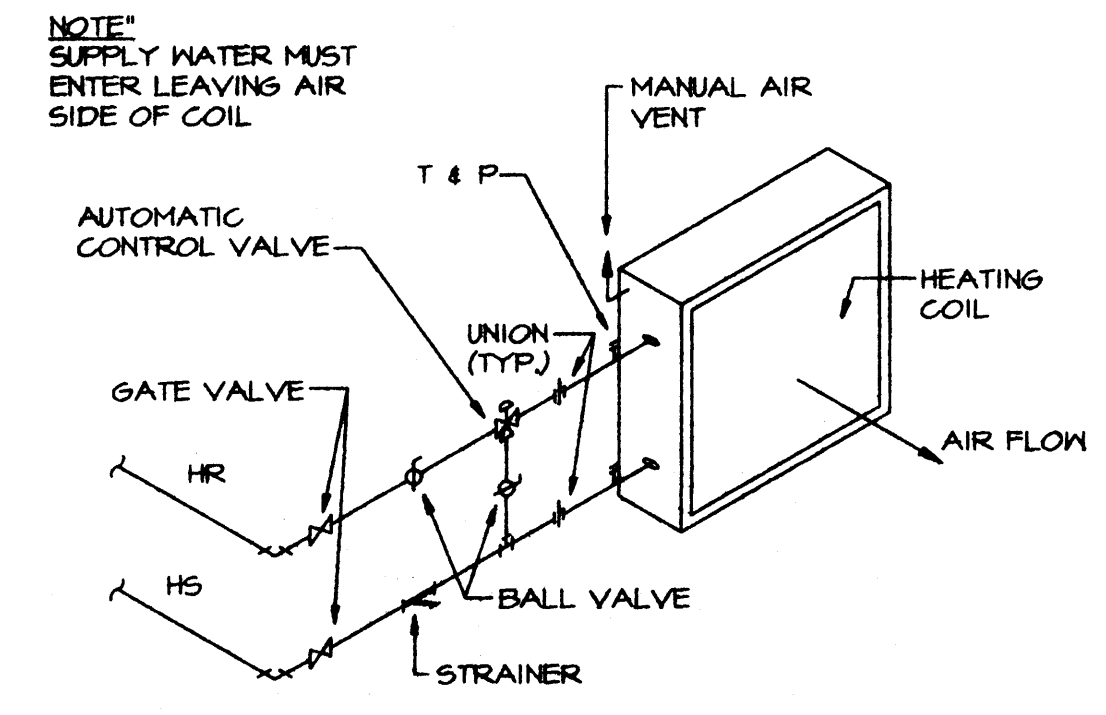
FIRE DAMPER INSTALLATION DETAIL
NTS FOR ALL DUCTS 12"x12", 12" OR SMALLER
NOTE: SEE FIRE DAMPER MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION



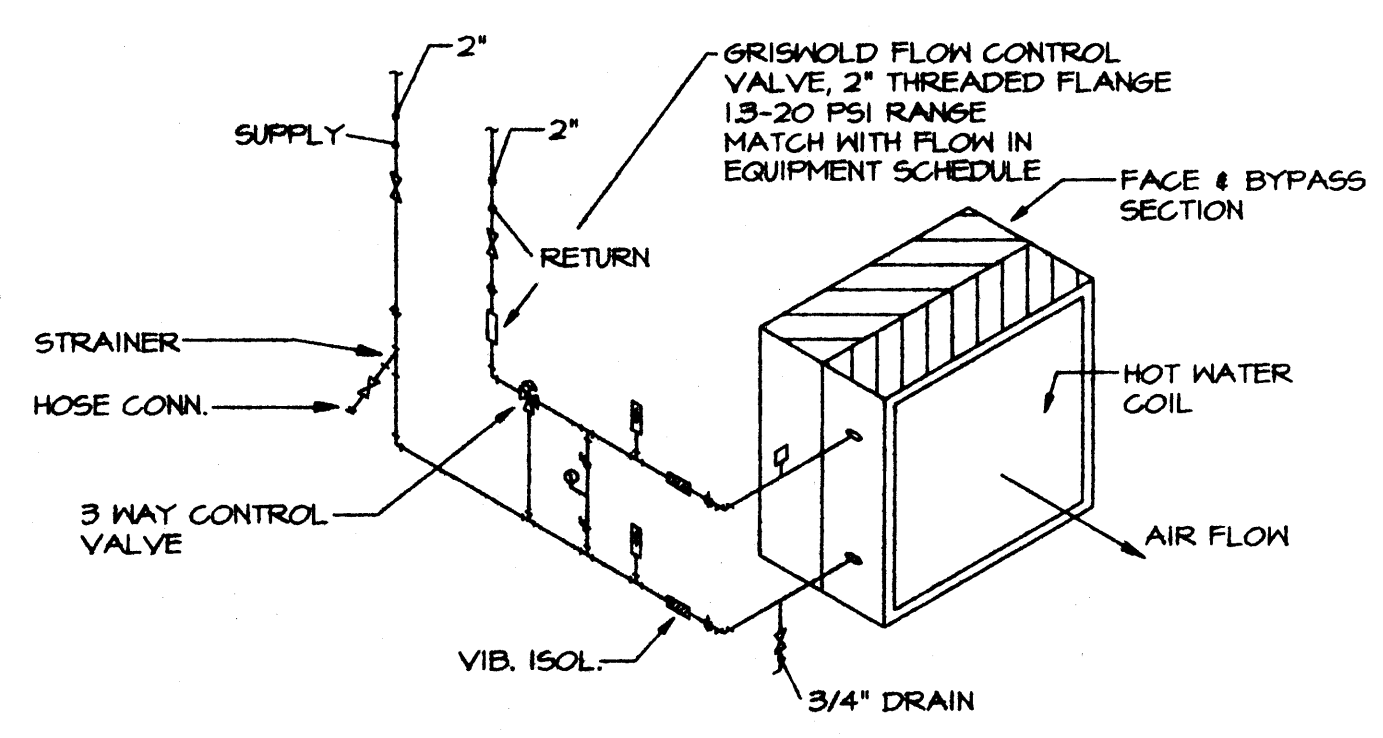
DUCT SUPPORT DETAIL
NTS



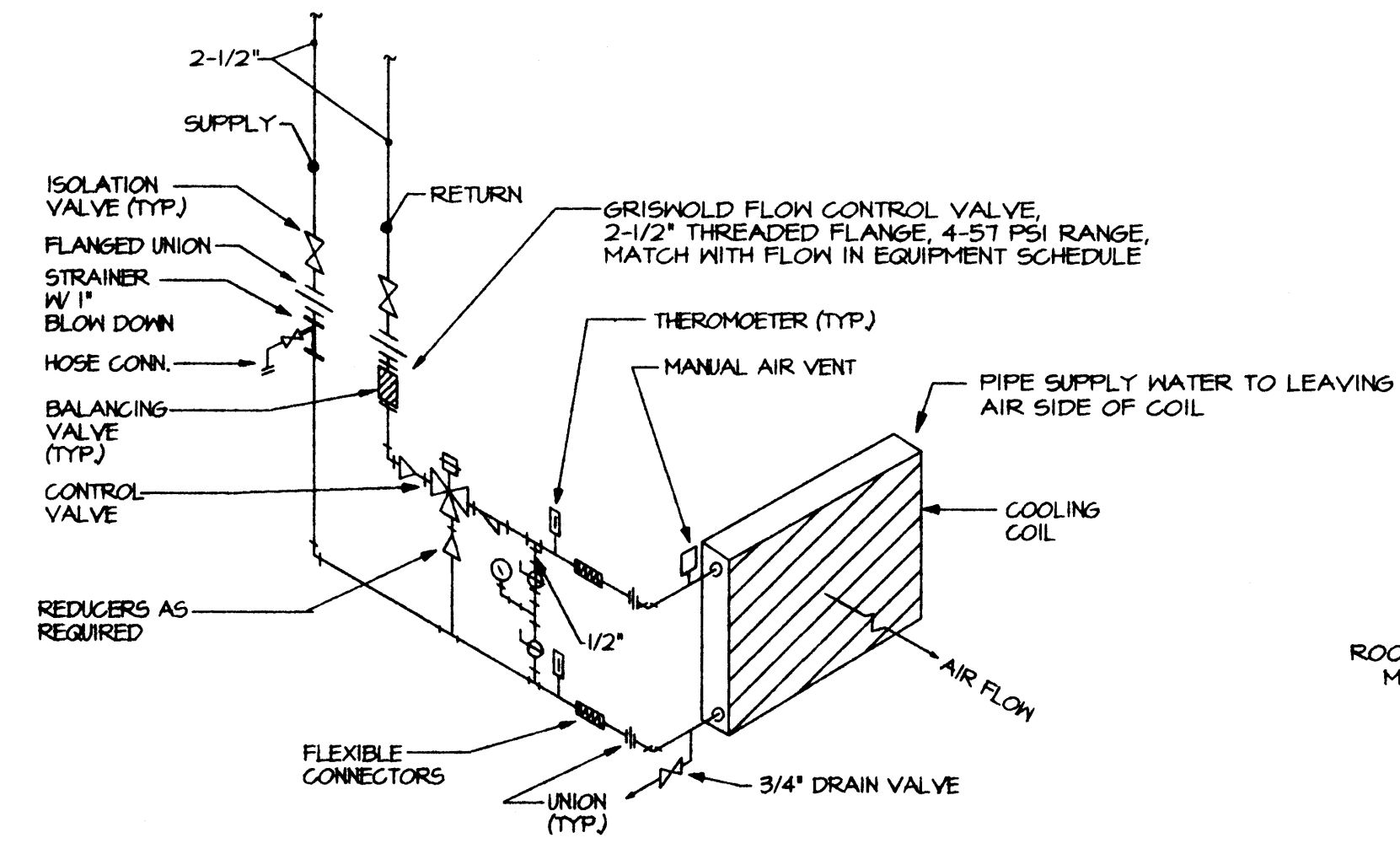
FAN COIL UNIT PIPING DIAGRAM
NTS



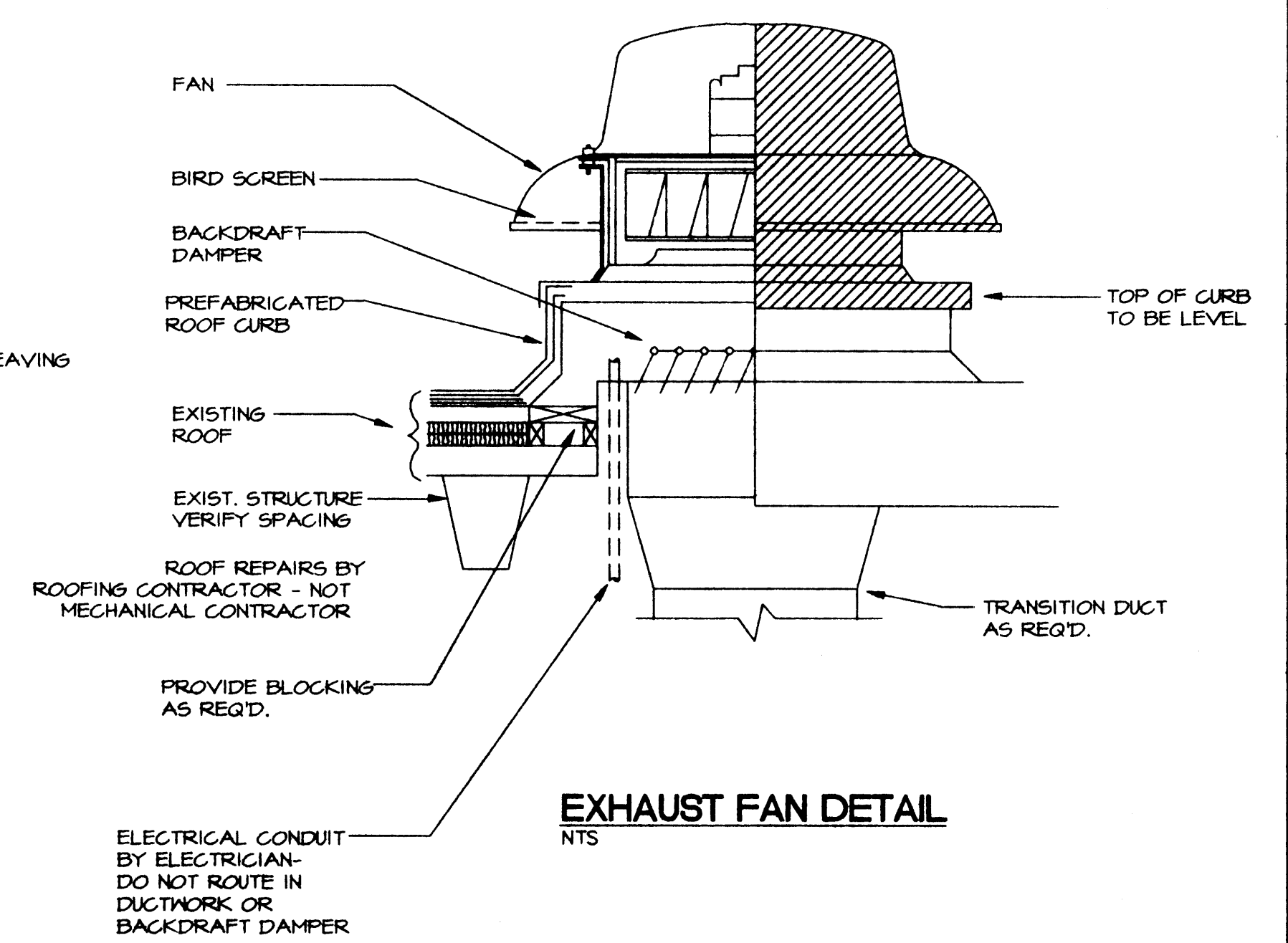
UNIT HEATER PIPING DIAGRAM
NTS



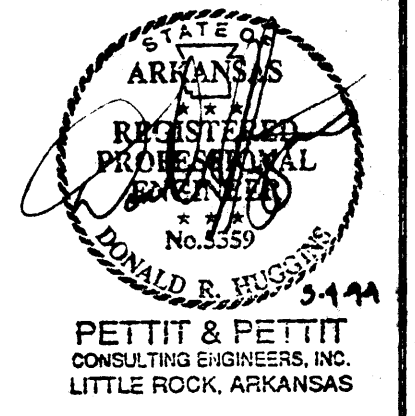
HOT WATER PREHEAT COIL (AHU-12)
NTS



AHU-12 CHILLED WATER COIL DIAGRAM
NTS



EXHAUST FAN DETAIL
NTS

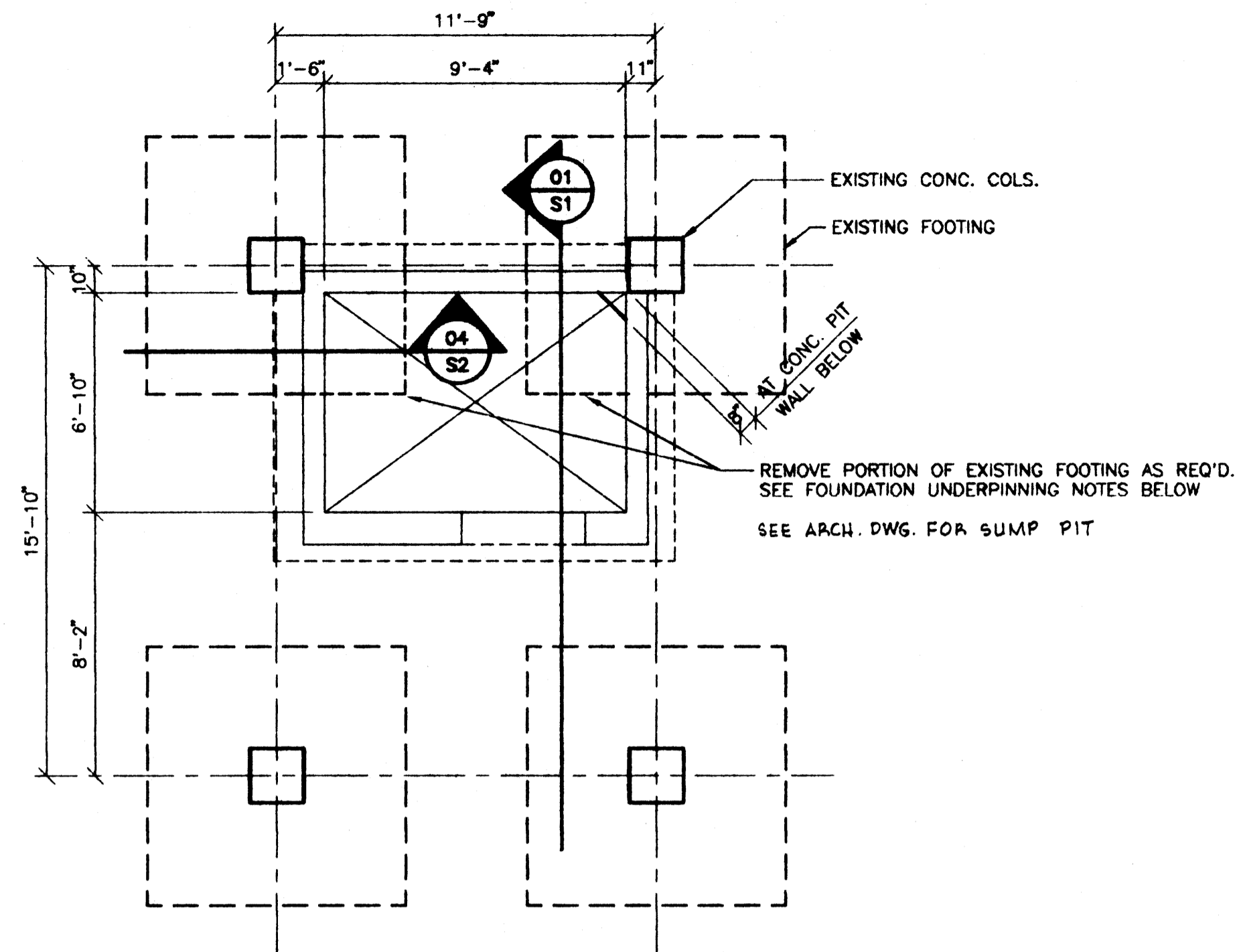


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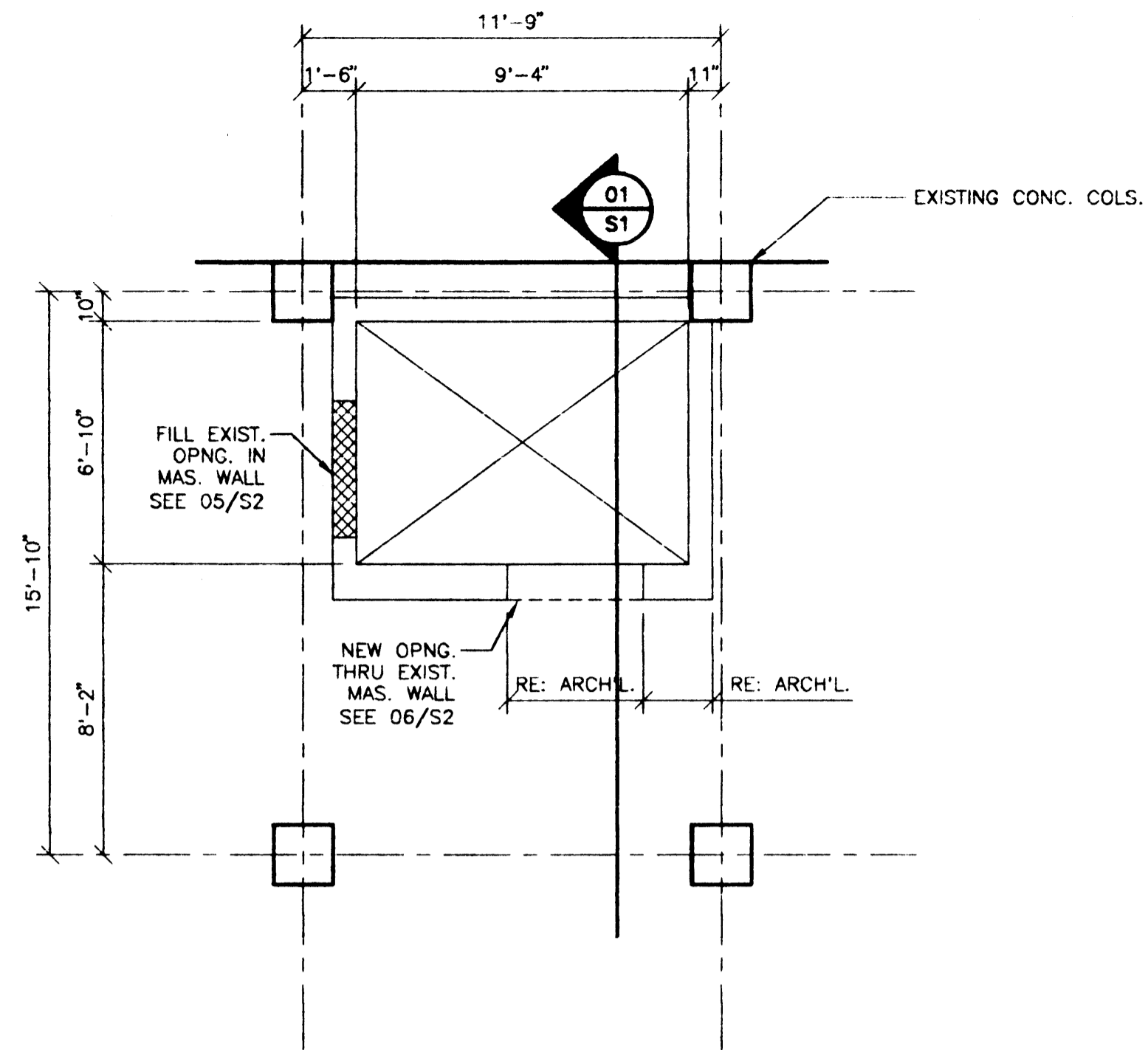
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M5



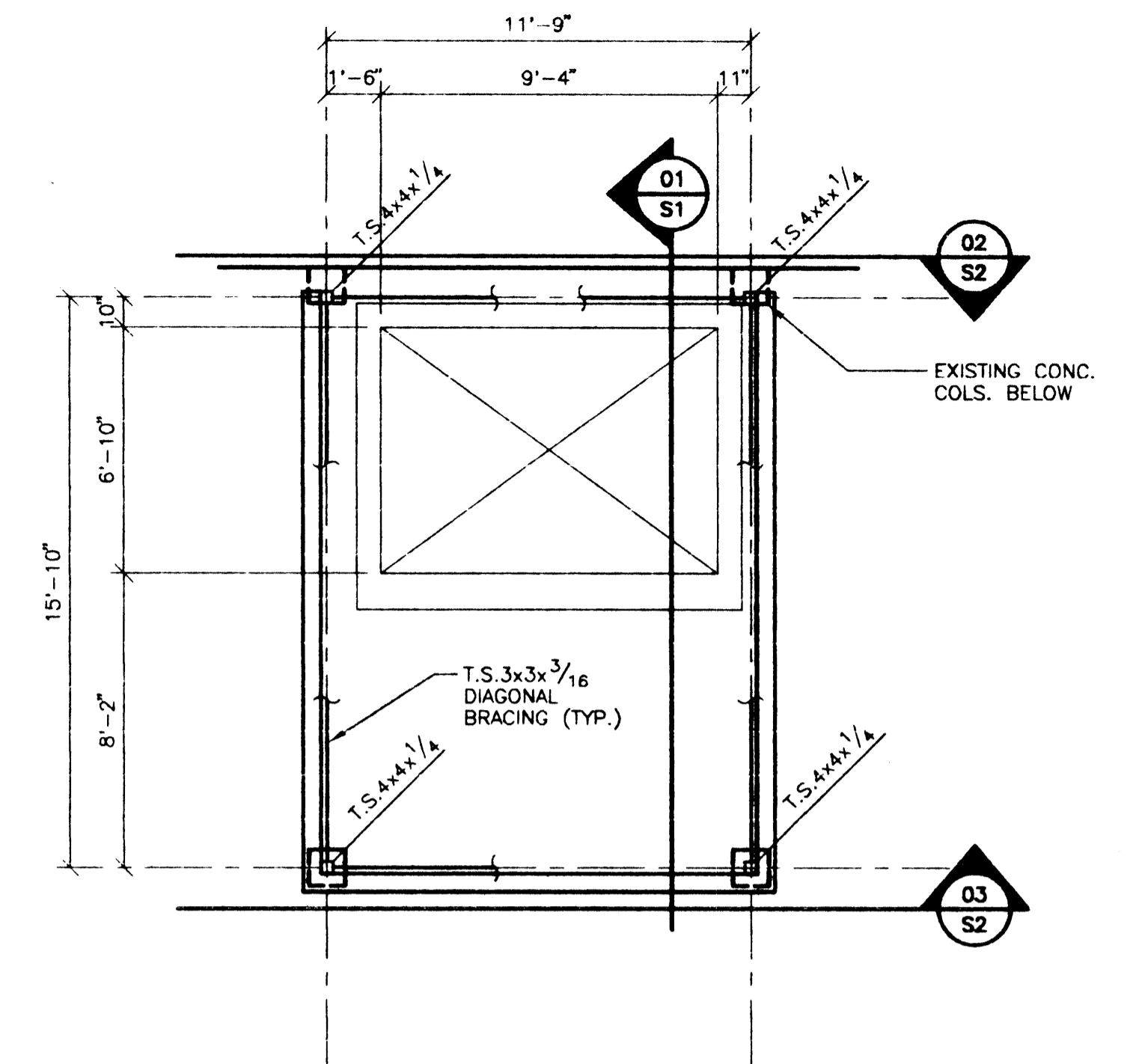
BASEMENT FLOOR PLAN

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



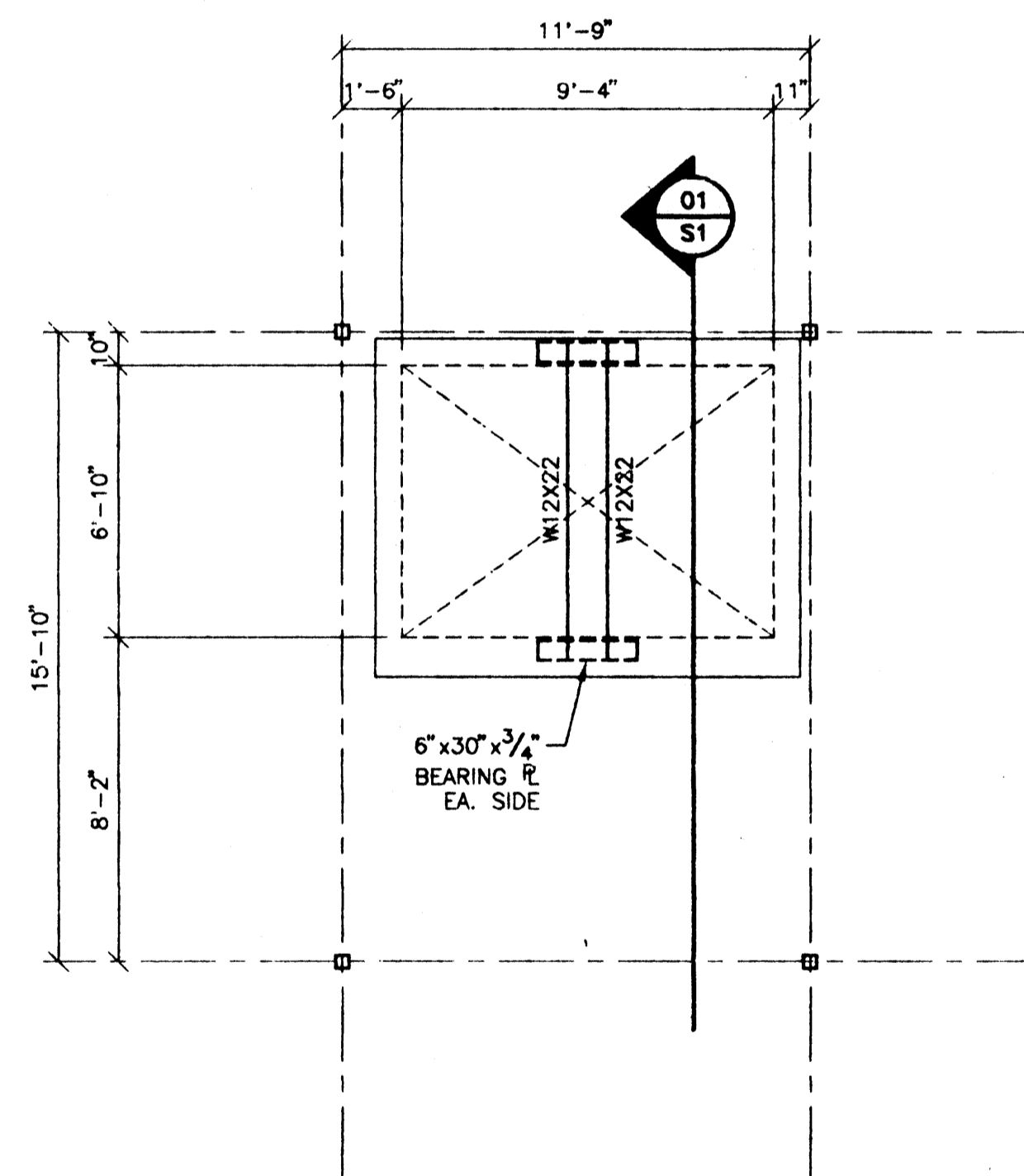
TYPICAL FLOOR PLAN

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



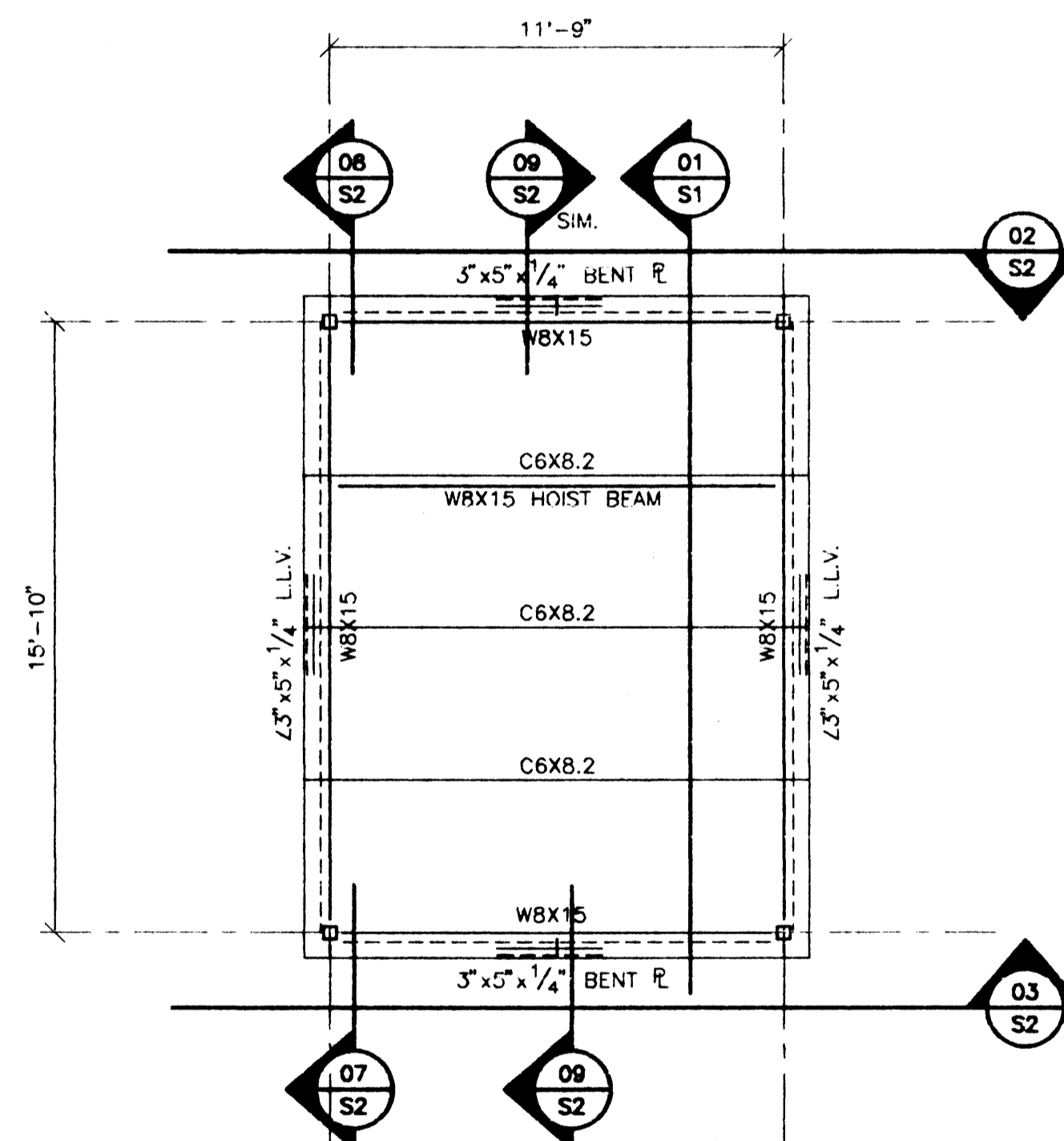
ROOF FRAMING PLAN

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



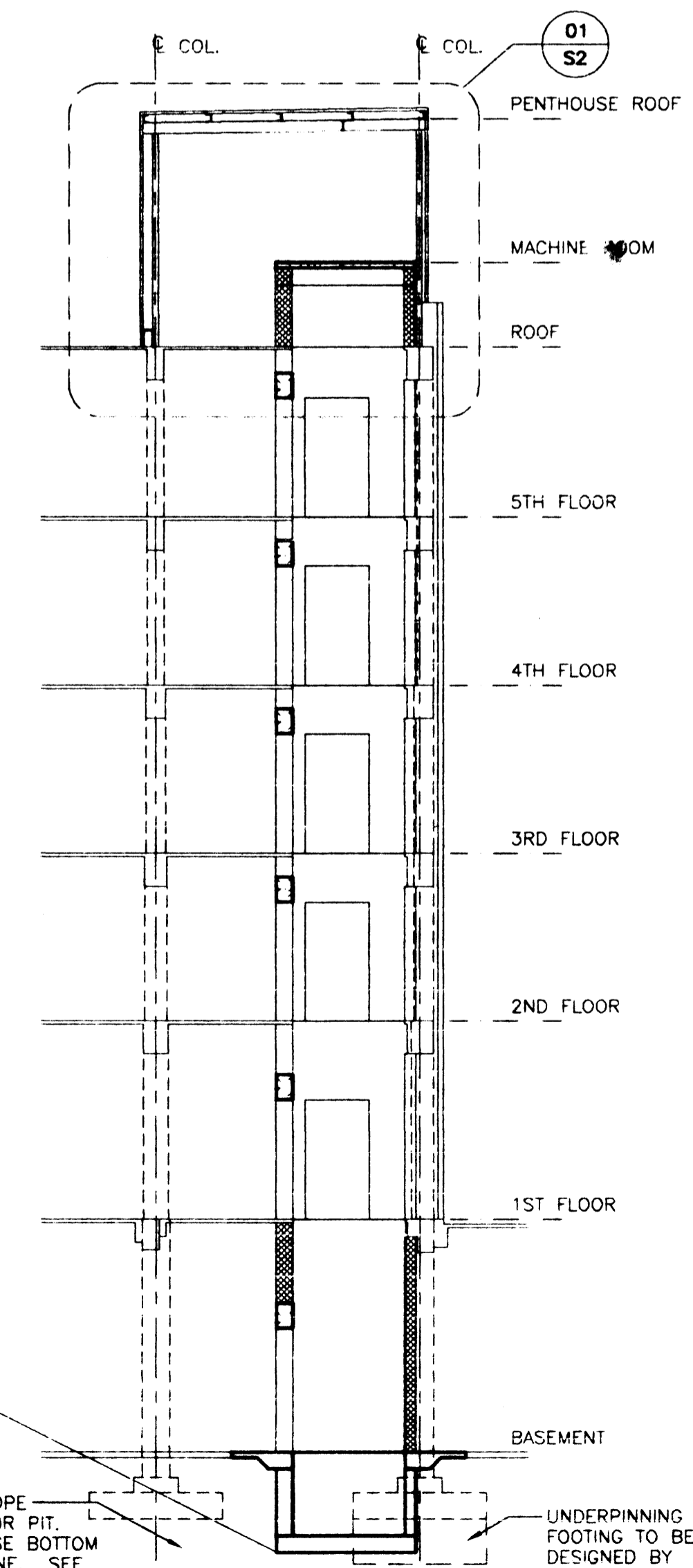
MACH. RM. FRMG. PLAN

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



PENTHOUSE ROOF FRMG. PLAN

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



01 SECTION THRU ELEV.

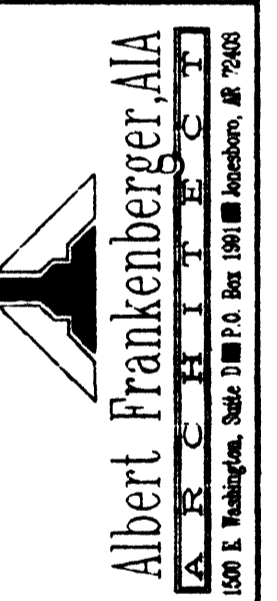
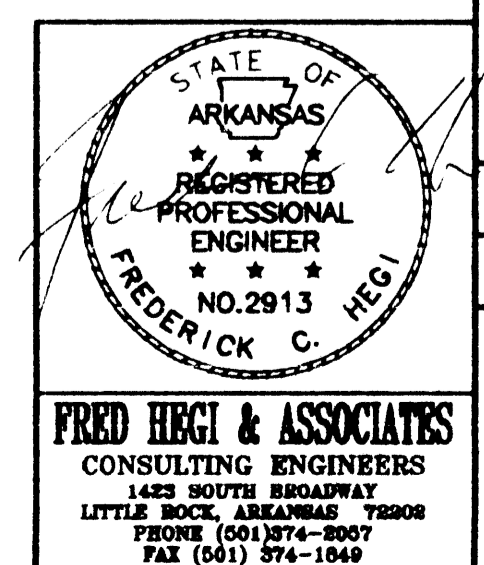
SCALE: 1/8" = 1'-0"

FOUNDATION UNDERPINNING AND SHORING NOTES:

- CONTRACTOR SHALL HAVE A MINIMUM OF 10 YEARS EXPERIENCE IN THIS TYPE OF WORK.
- CONTRACTOR SHALL HAVE PREVIOUSLY PERFORMED SIMILAR WORK IN THIS GEOGRAPHICAL AREA.
- CONTRACTOR SHALL SHORE UP EXISTING STRUCTURE AS REQUIRED SUFFICIENT TO SUPPORT EXISTING COLUMN LOADS PRIOR TO INITIATION OF ANY EXCAVATION ADJACENT TO EXISTING FOOTINGS.
- SETTLEMENT GAUGES ARE TO BE INSTALLED AT COLUMNS SO THAT SETTLEMENT MAY BE MONITORED.
- CONTRACTOR SHALL PREPARE DETAILED SEQUENCE OF PROPOSED SHORING AND UNDERPINNING OPERATIONS AS WELL AS CALCULATIONS SUPPORTING THE PROPOSED METHOD OF SAME, WHICH WILL BE SUBMITTED TO STRUCTURAL ENGINEER OF RECORD FOR REVIEW. NO UNDERPINNING WORK SHALL COMMENCE UNTIL THESE CALCULATIONS HAVE BEEN RETURNED TO CONTRACTOR MARKED "REVIEWED."
- ALL CALCULATIONS AND DRAWINGS SHALL BE STAMPED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF ARKANSAS AND SHALL BE PREPARED IN ACCORDANCE WITH THE SBC 1991 EDITION (1992/1993 REVISIONS) FOR THE JONESBORO AREA.

ASSUME ALL SOIL ABOVE 1 ON 2 SLOPE LINE IS DISTURBED BY EXCAVATION FOR PIT. UNDERPIN PORTION OF FOOTING WHOSE BOTTOM SURFACE FALLS ABOVE THE SLOPE LINE. SEE UNDERPINNING NOTES THIS SHEET.

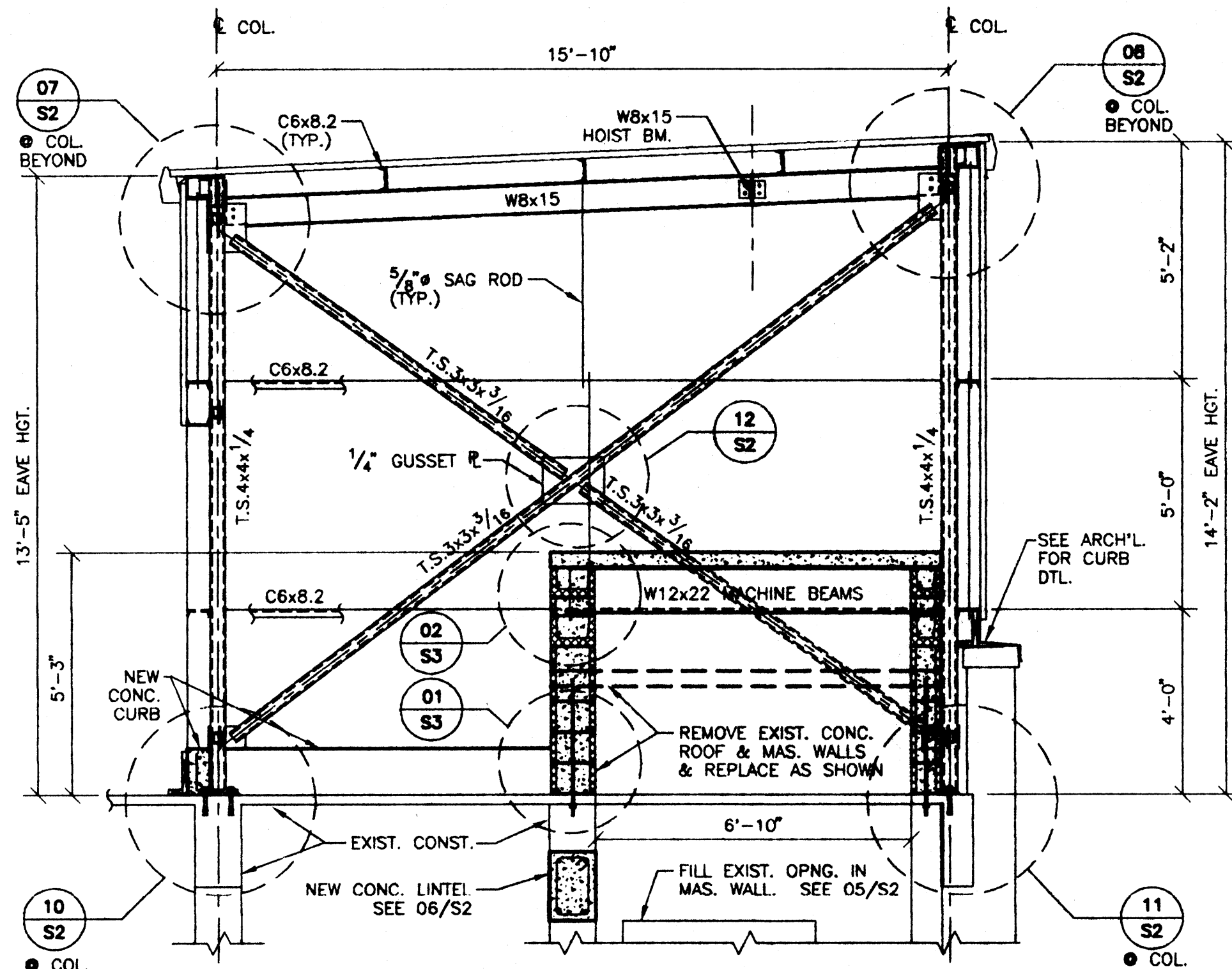
UNDERPINNING OF FOOTING TO BE DESIGNED BY CONTRACTOR. SEE FOUNDATION UNDERPINNING NOTES THIS SHEET.



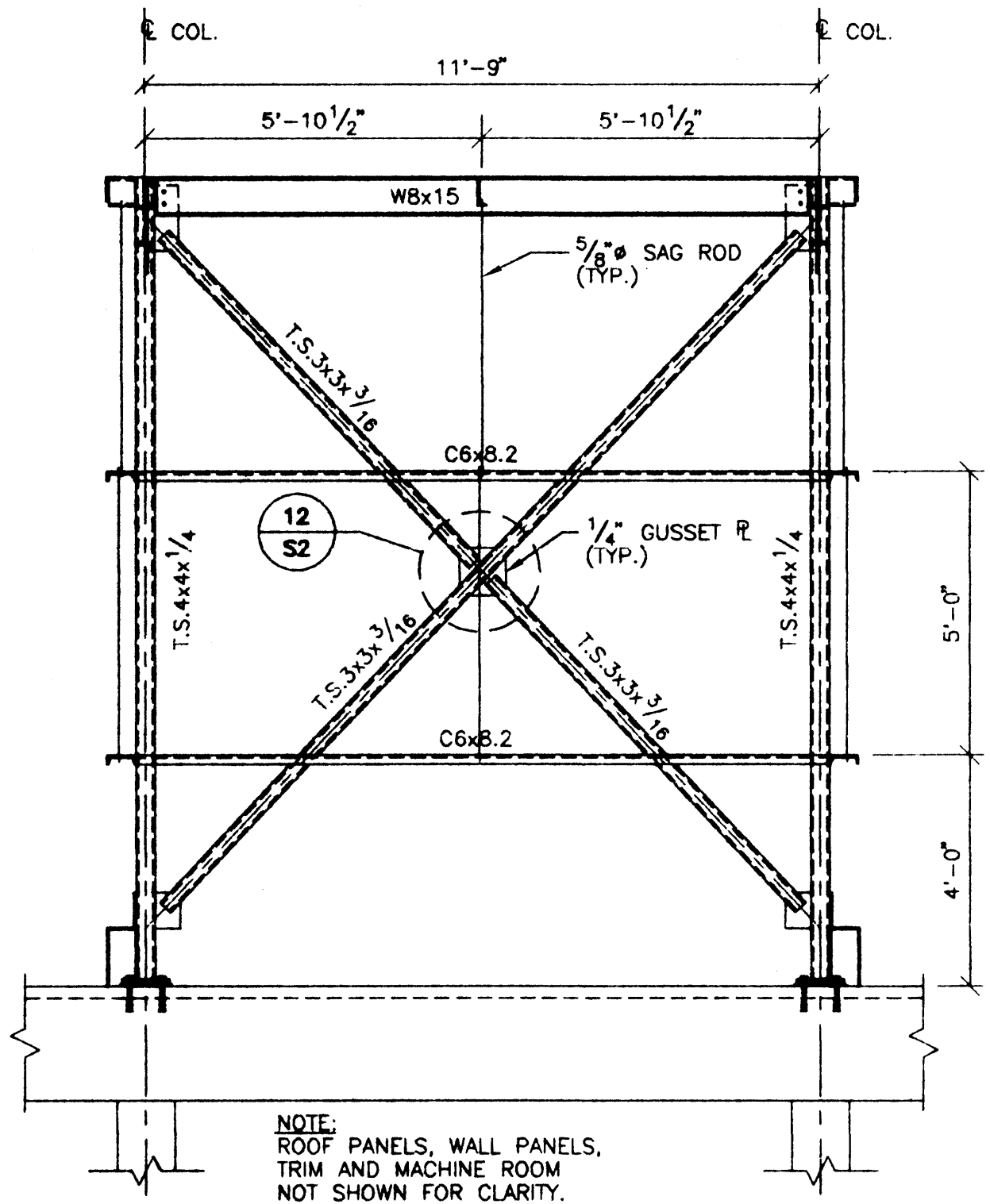
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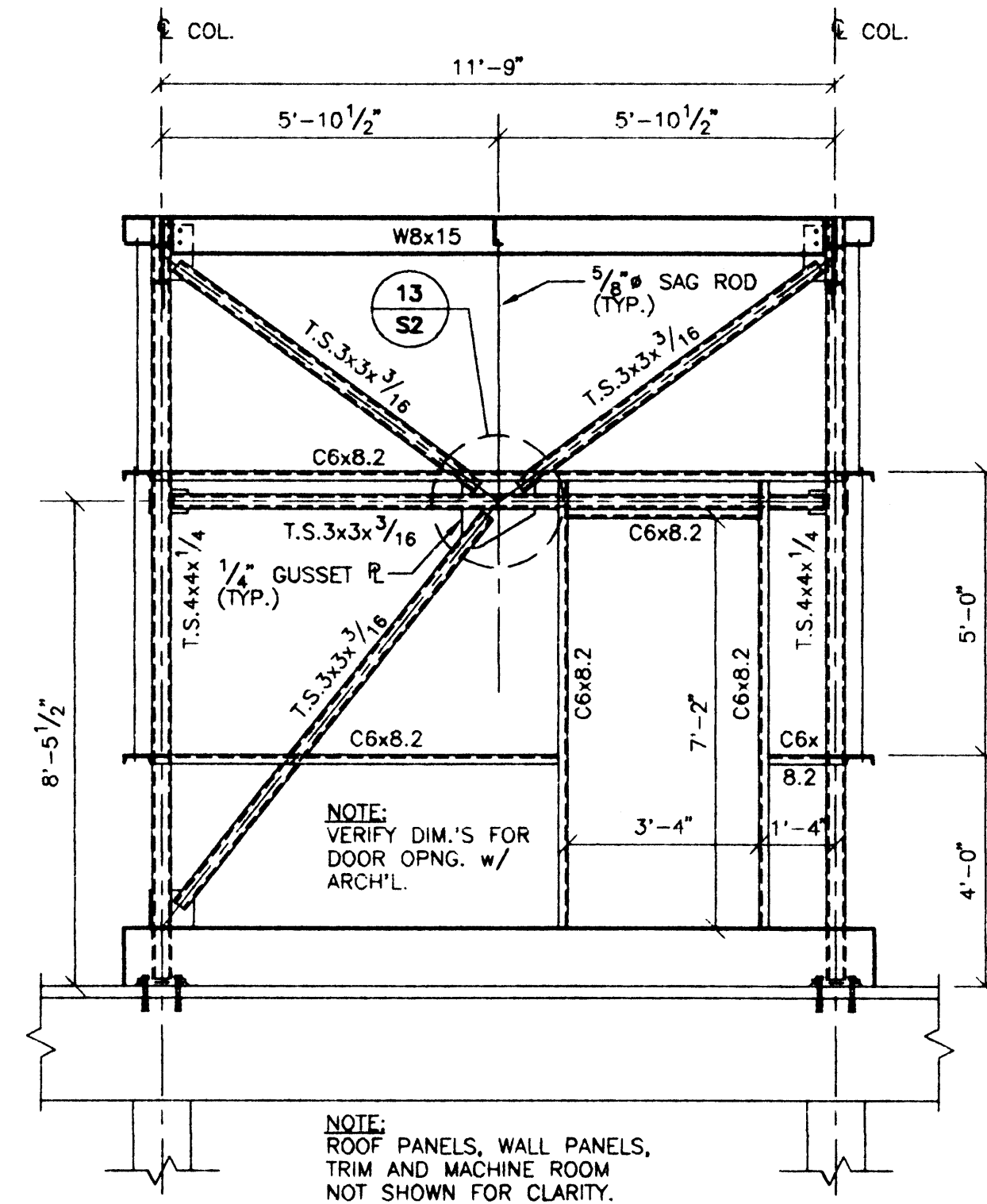
S1



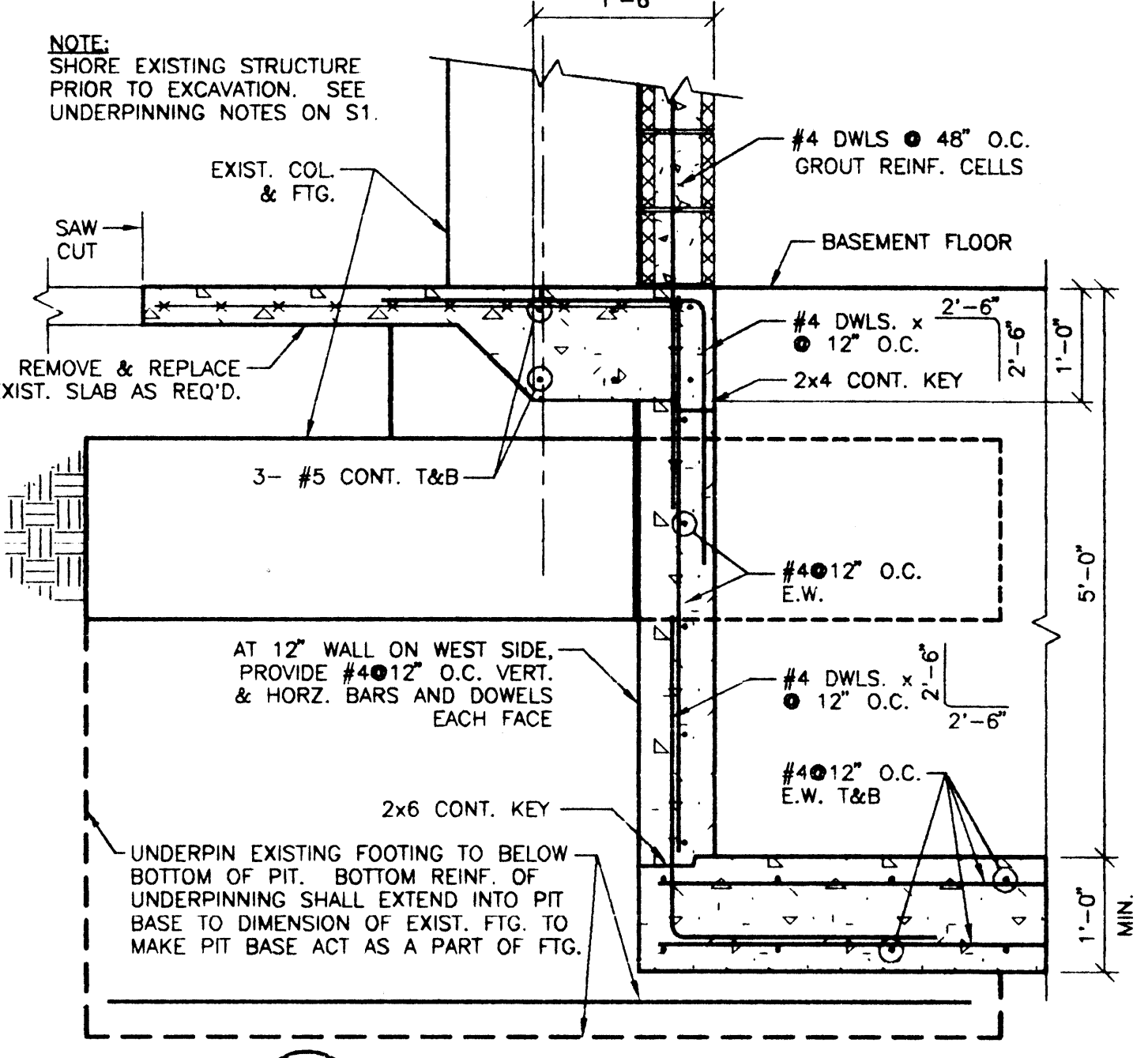
01 SECTION THRU PENTHOUSE
SCALE: 3/8"=1'-0"



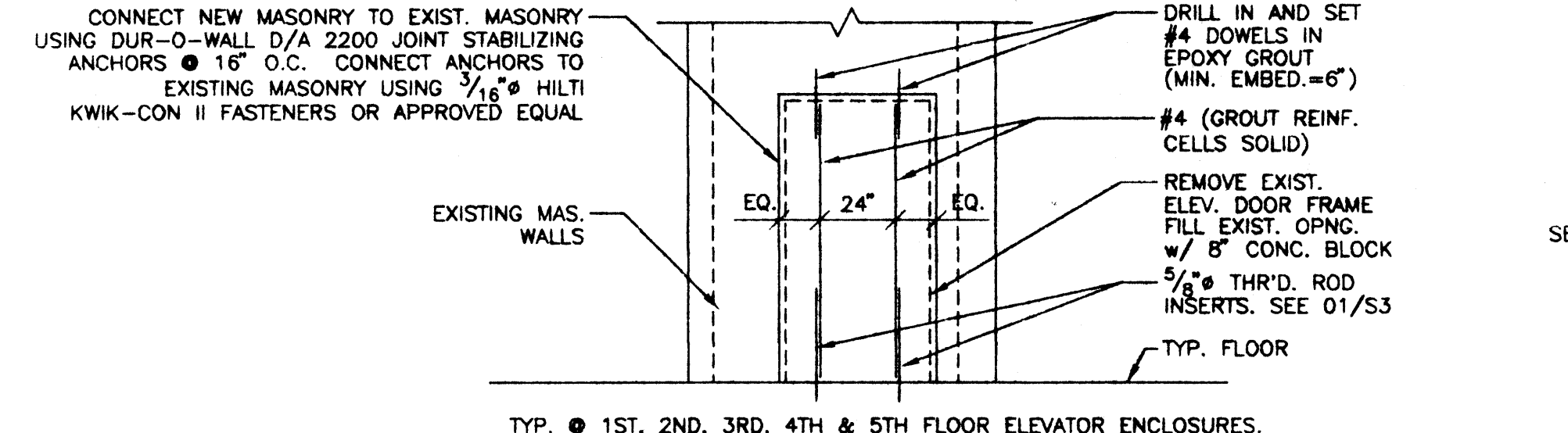
02 ELEVATION AT PENTHOUSE BRACING
SCALE: 3/8"=1'-0"



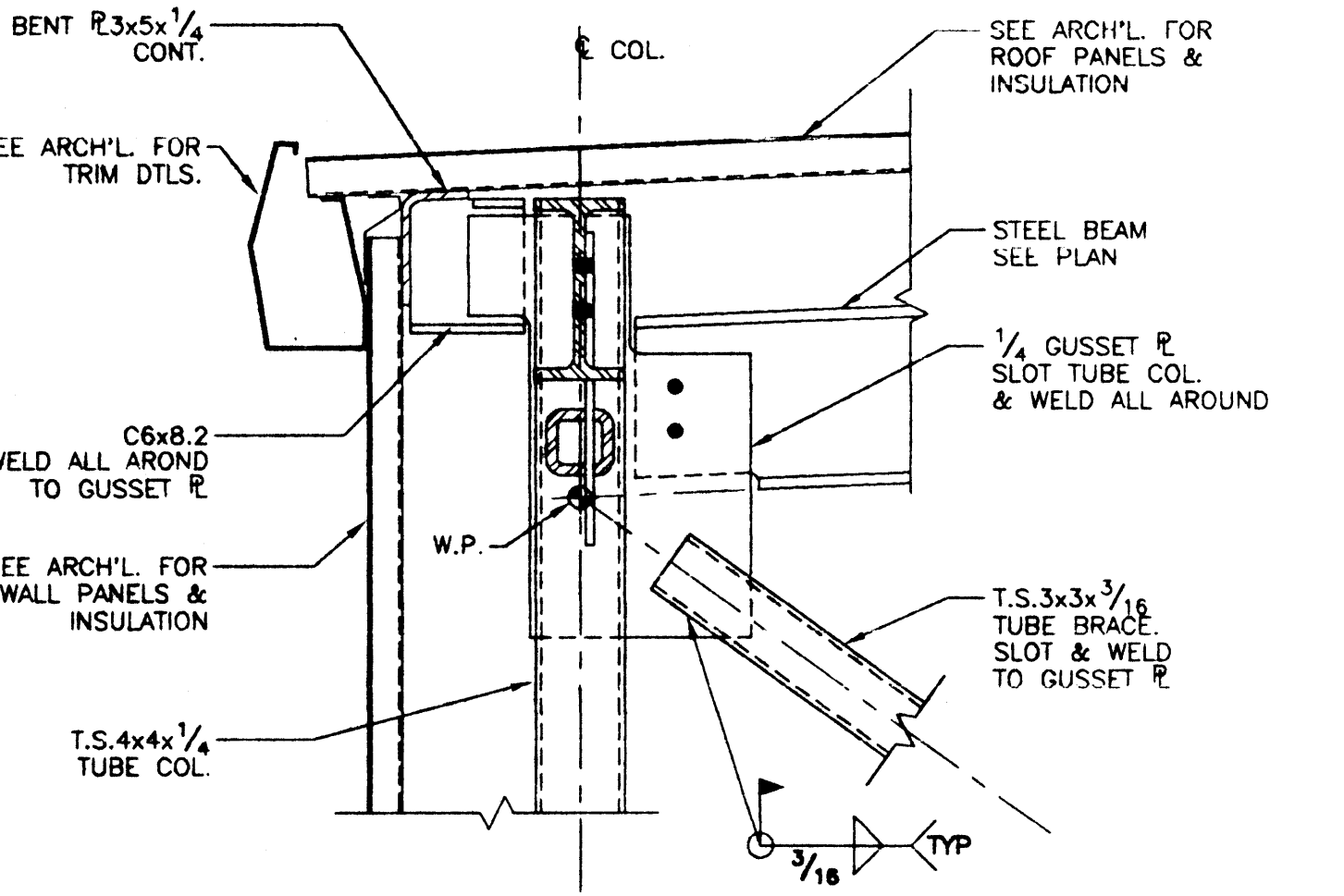
03 ELEVATION AT PENTHOUSE BRACING
SCALE: 3/8"=1'-0"



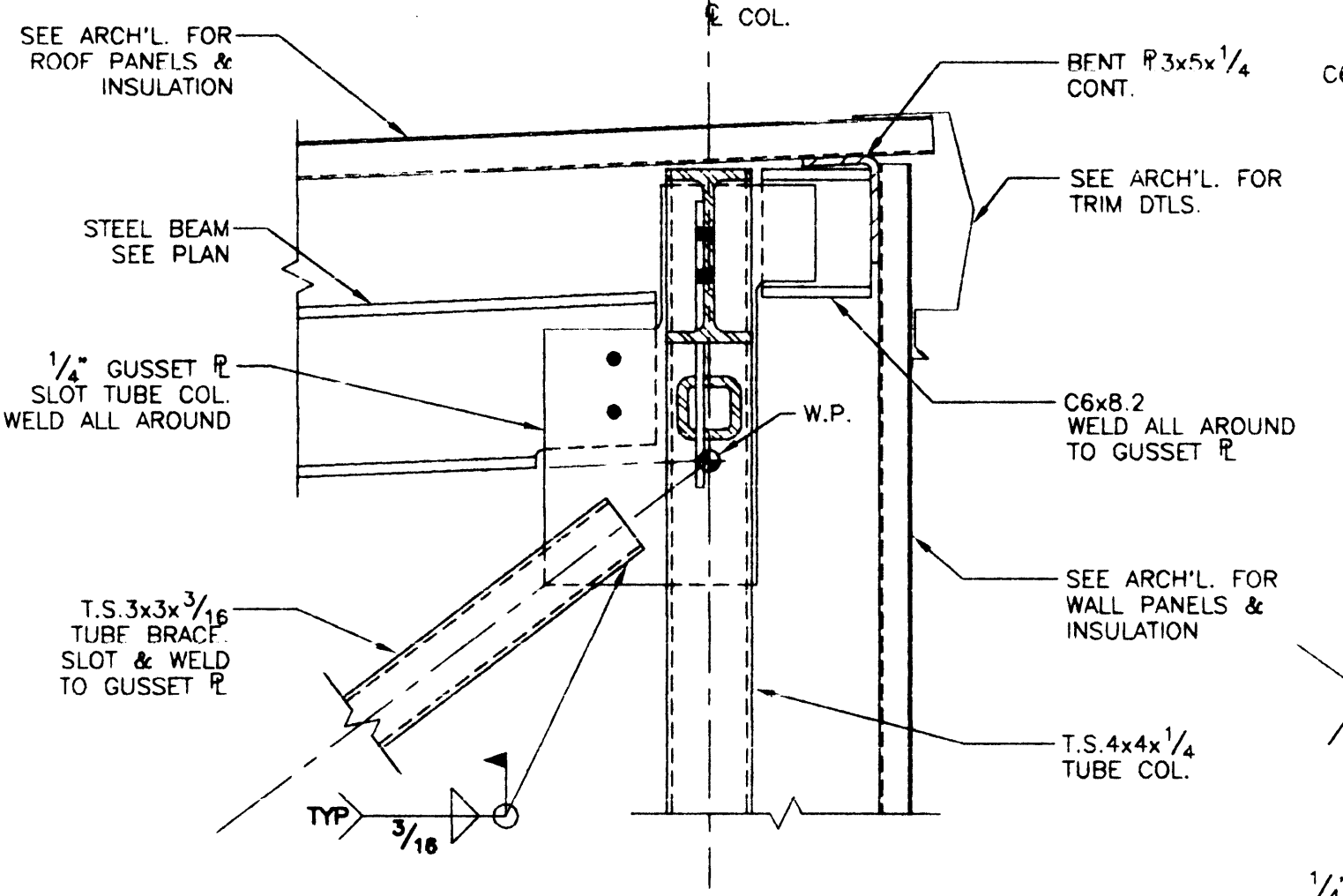
04 SECTION AT ELEVATOR PIT
SCALE: 3/4"=1'-0"



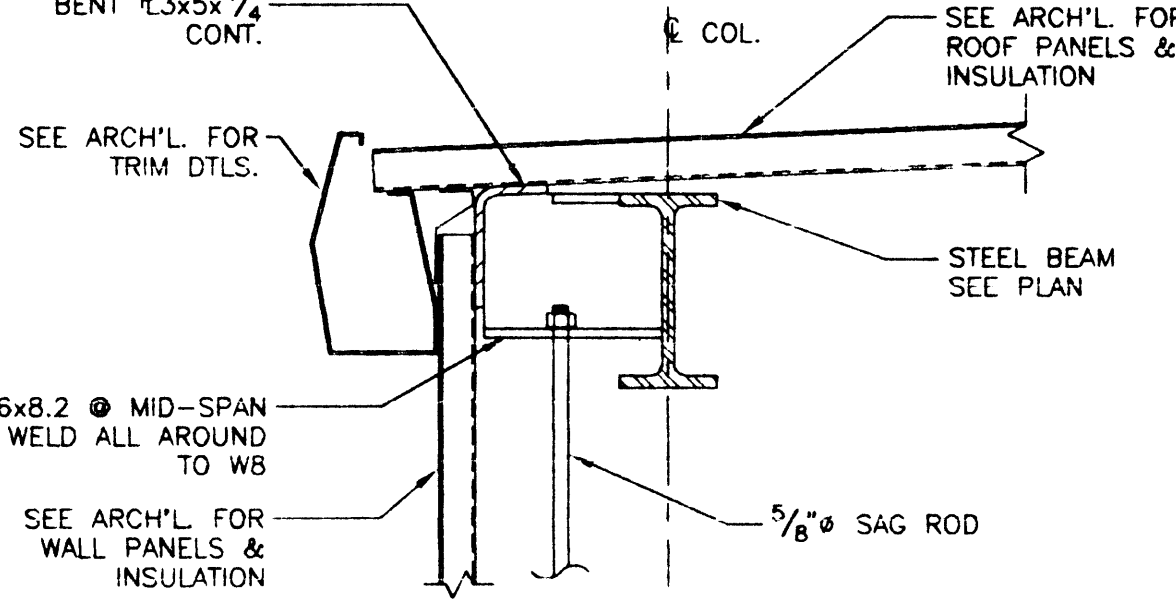
05 ELEVATION AT EXIST. DOOR
SCALE: 1/4"=1'-0"



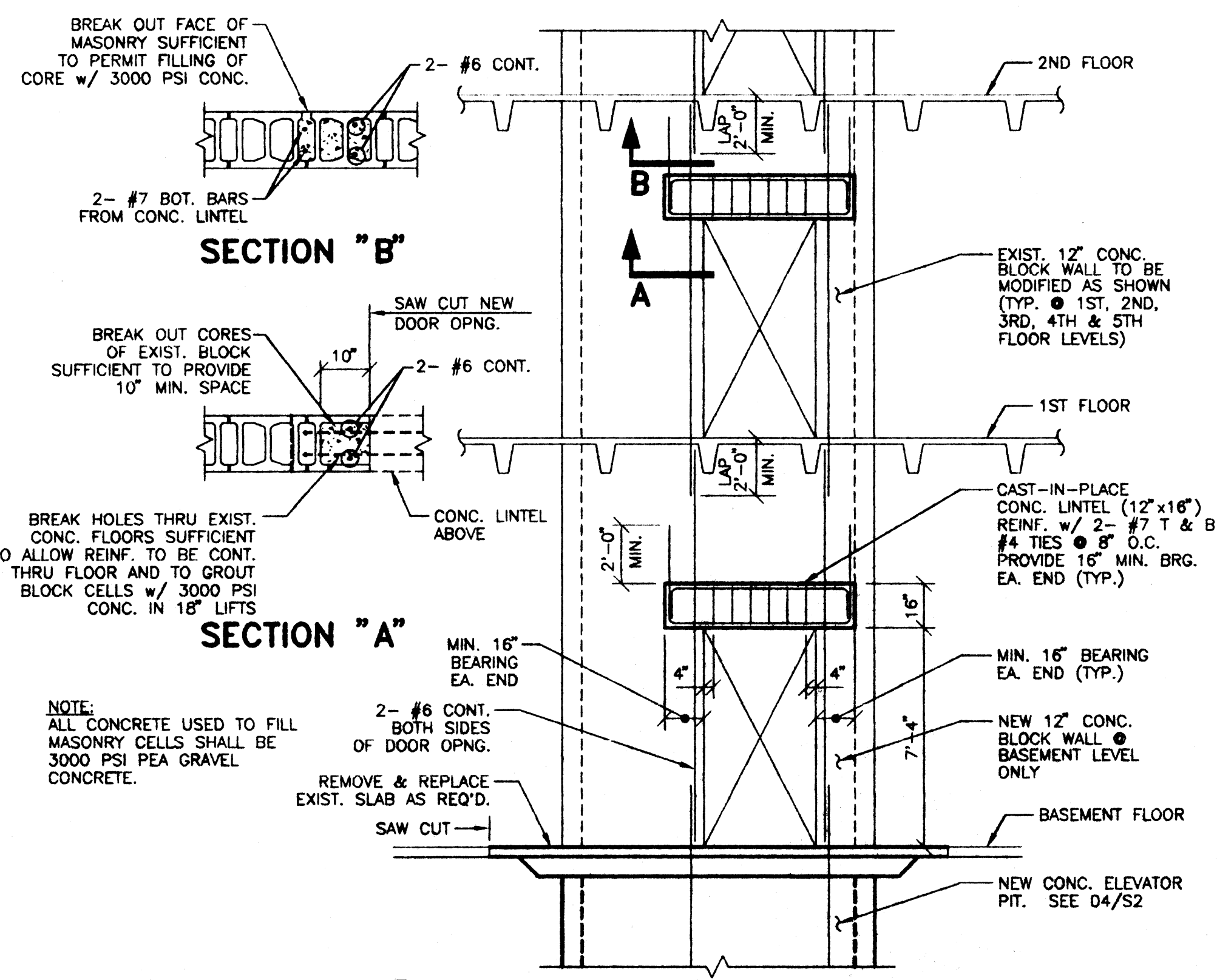
07 SECTION
SCALE: 1 1/2"=1'-0"



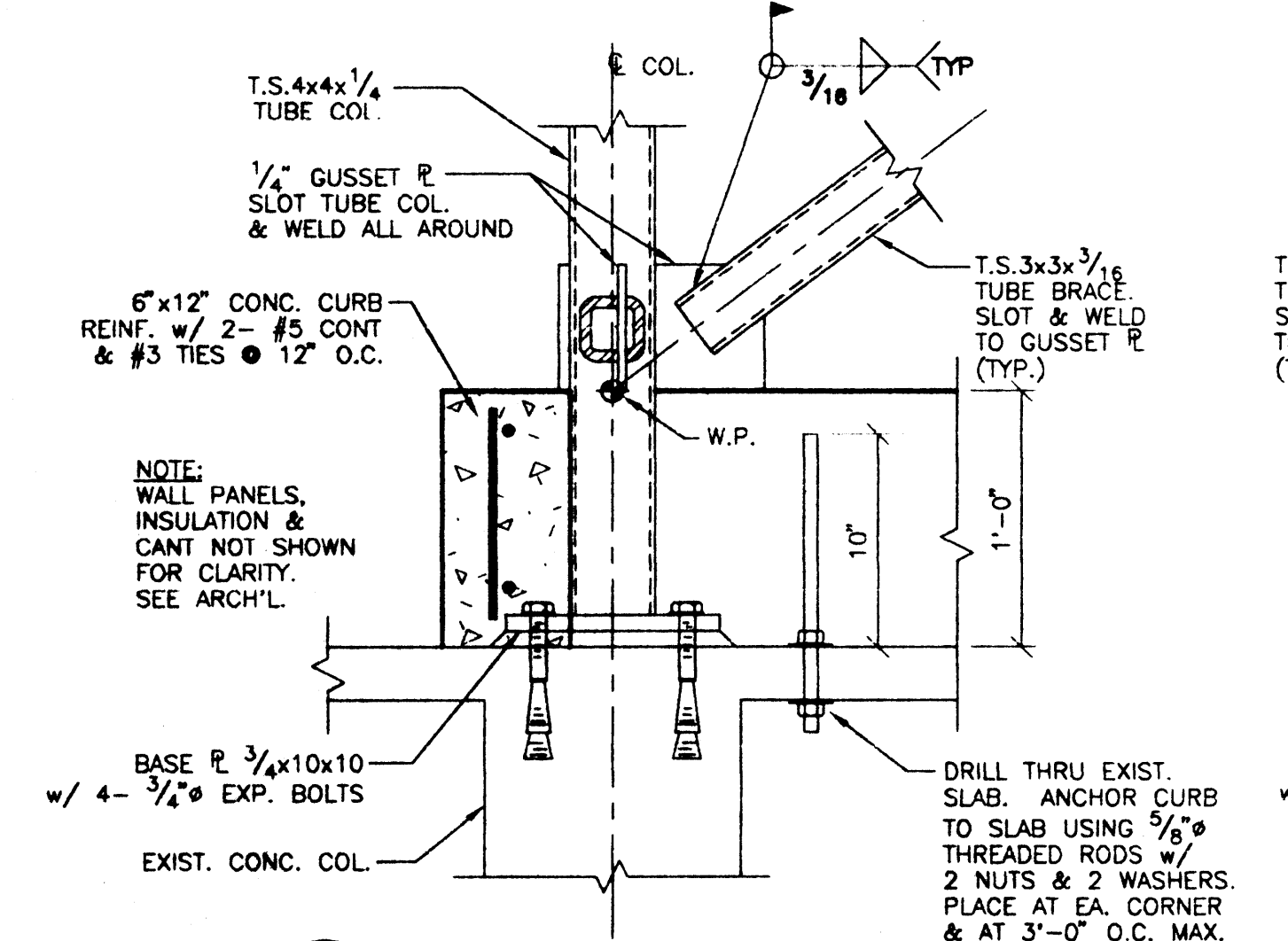
08 SECTION
SCALE: 1 1/2"=1'-0"



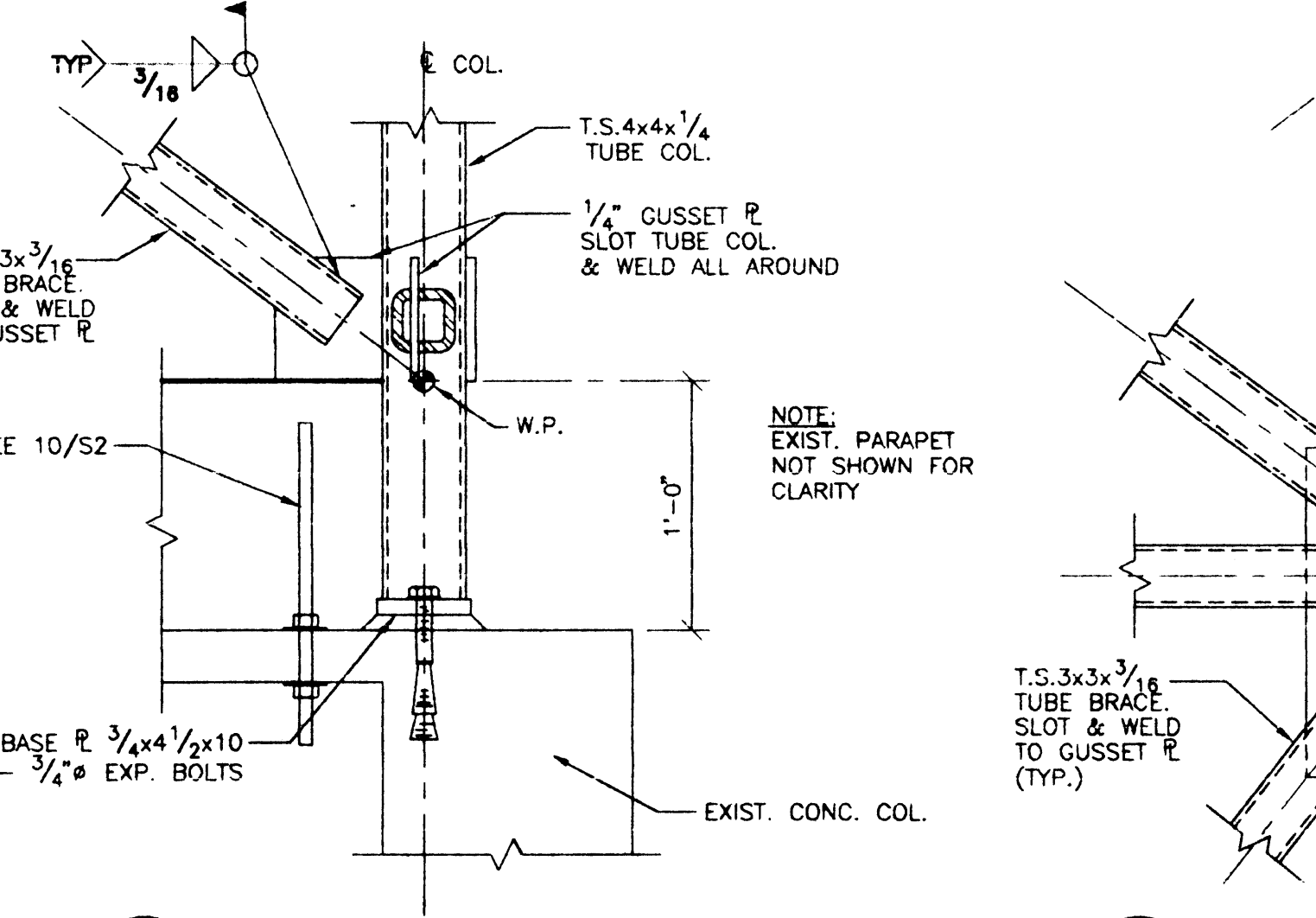
09 SECTION
SCALE: 1 1/2"=1'-0"



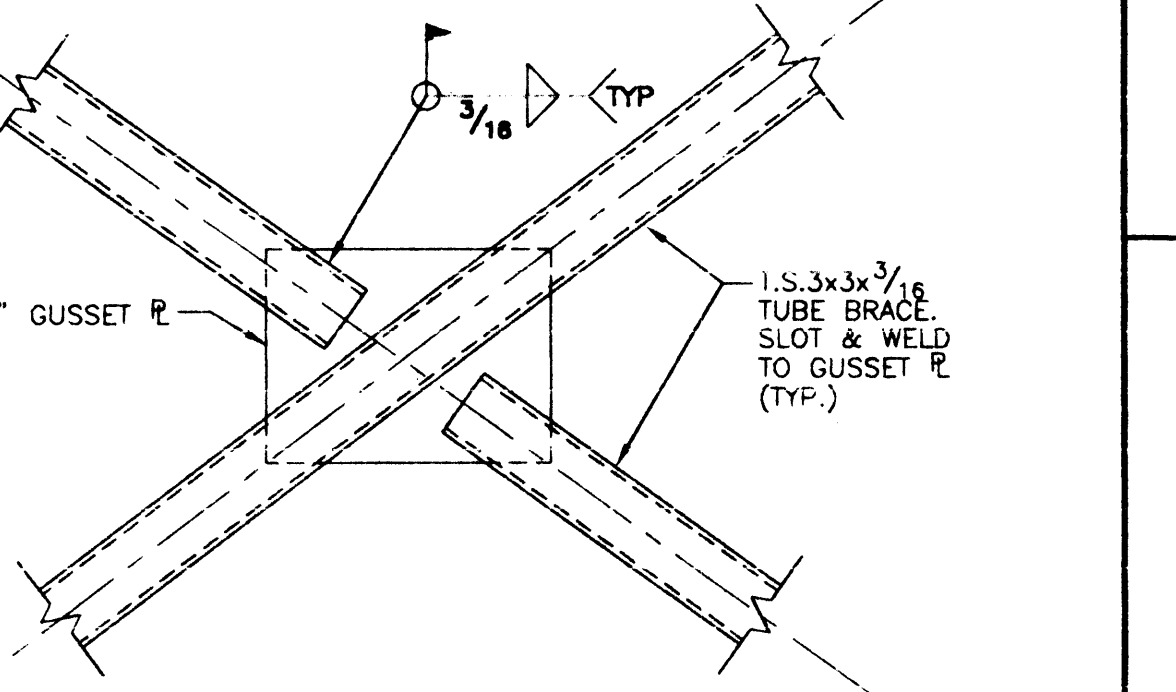
06 ELEVATION AT NEW DOOR OPNG.
SCALE: 1/4"=1'-0"



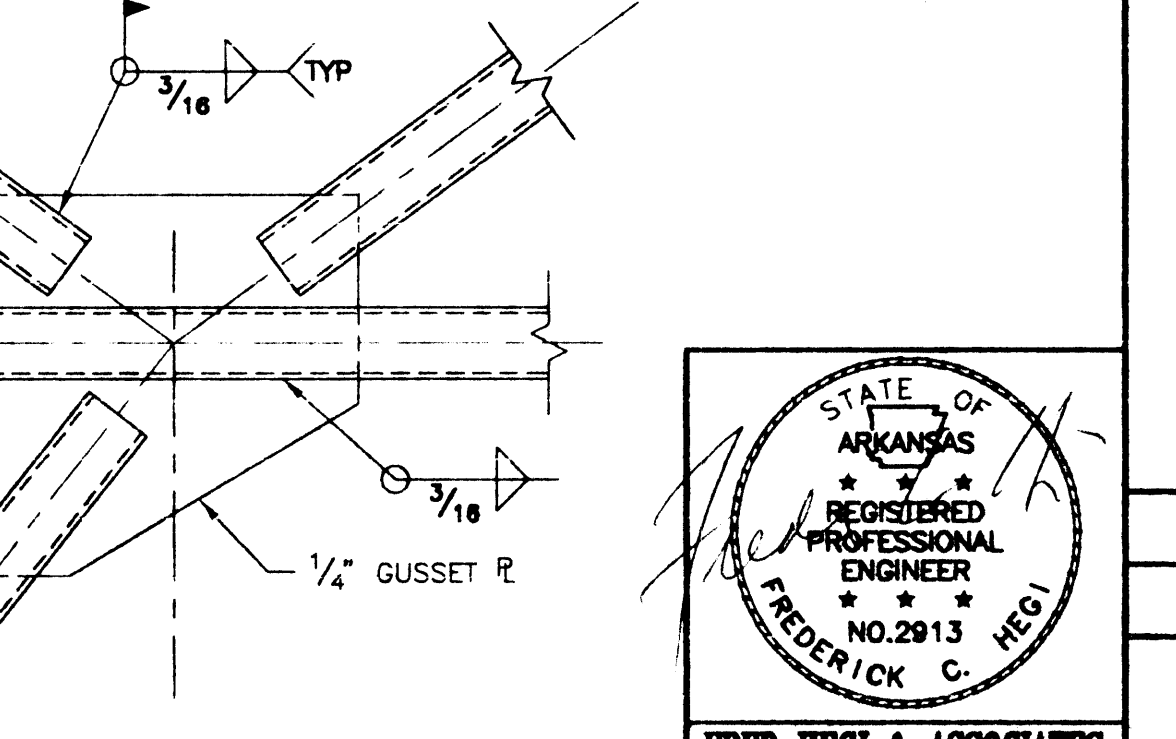
10 SECTION
SCALE: 1 1/2"=1'-0"



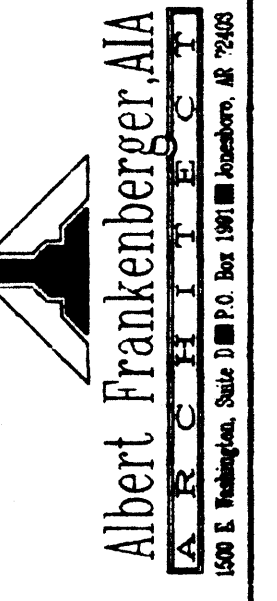
11 SECTION
SCALE: 1 1/2"=1'-0"



12 SECTION
SCALE: 1 1/2"=1'-0"



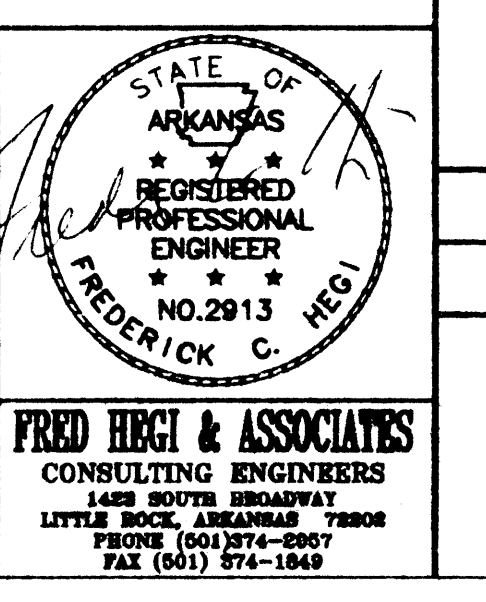
13 SECTION
SCALE: 1 1/2"=1'-0"



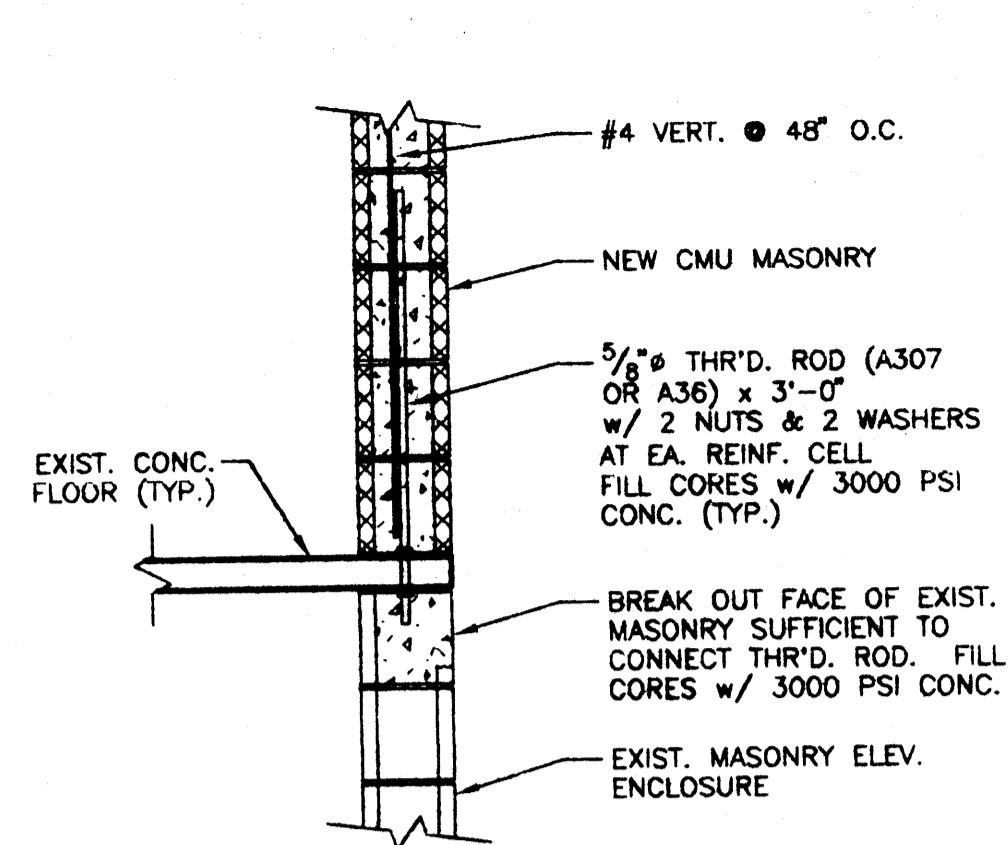
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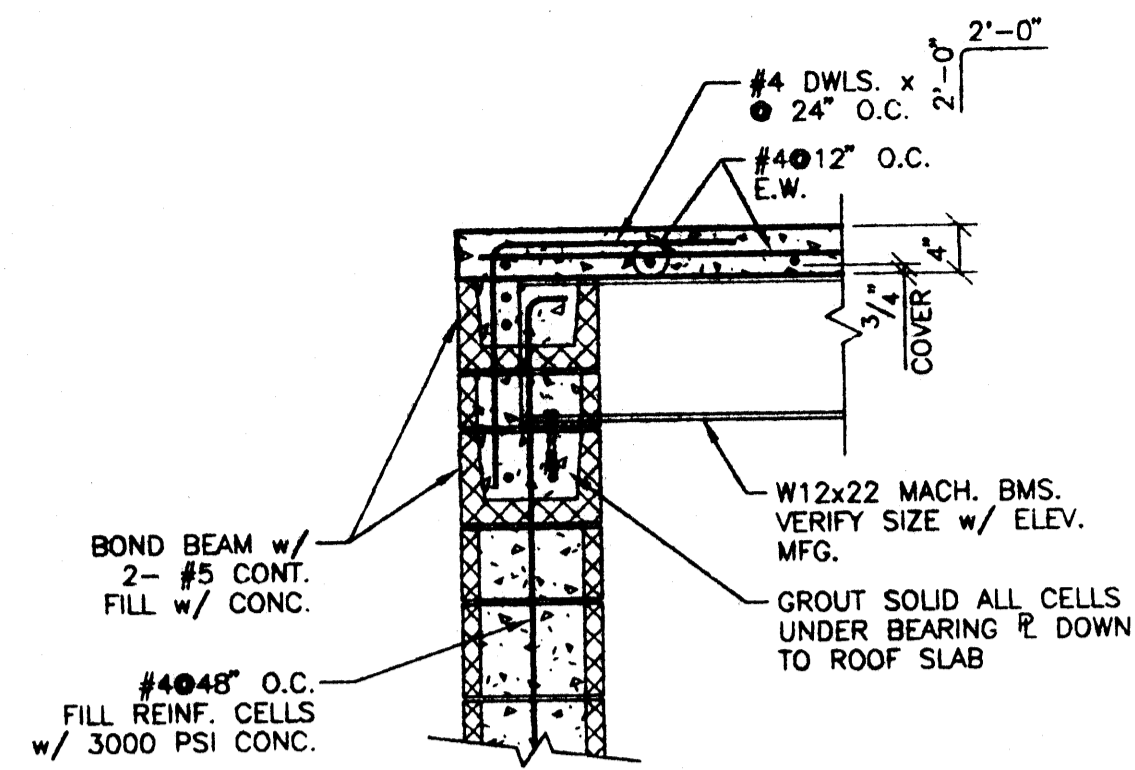
S2



E:\ASU-P1\S2 Mod May 4 14:30:44 1994

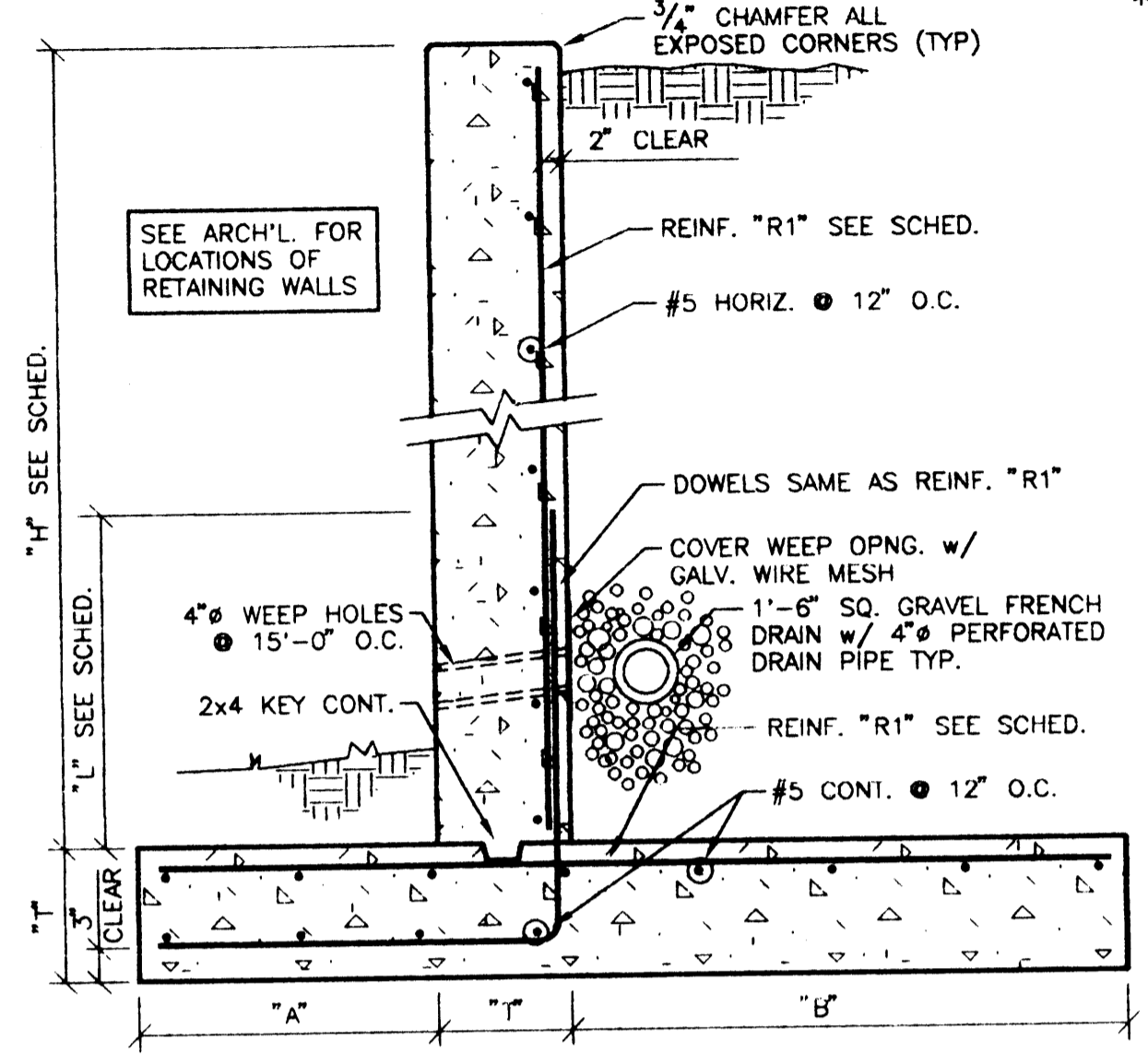


01 SECTION
SCALE: 3/4"=1'-0"



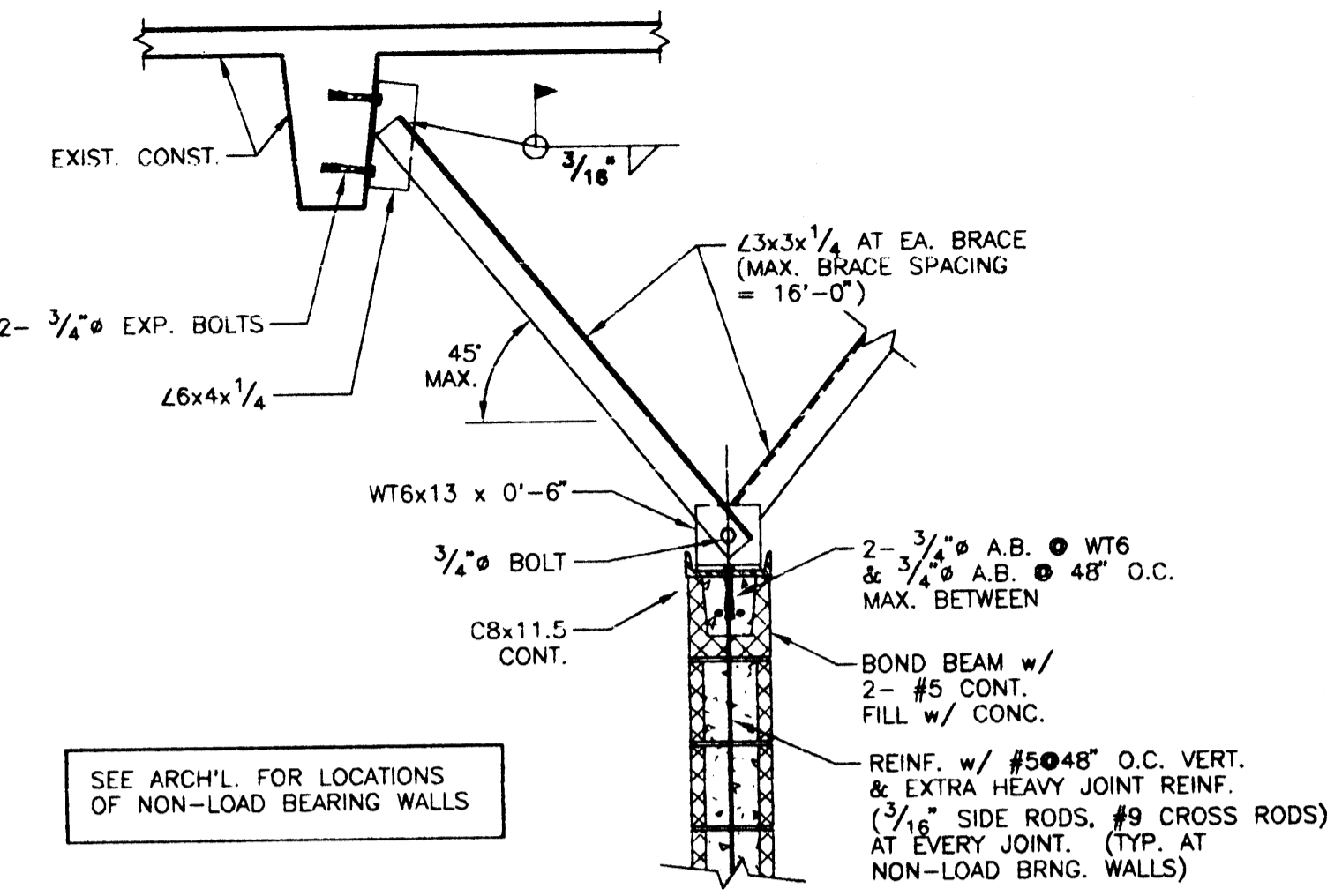
02 SECTION AT MACHINE RM.
SCALE: 3/4"=1'-0"

RETAINING WALL SCHEDULE					
FOR RETAINING WALLS WITH LEVEL BACKFILL ONLY					
"H" MAX. HEIGHT	"T"	"A"	"B"	"L"	REINF. "R1"
* 10'-0"	1'-0"	4'-6"	2'-0"	3'-0"	#5 @ 12" O.C.
8'-0"	1'-0"	3'-9"	1'-3"	2'-6"	#4 @ 12" O.C.
6'-0"	1'-0"	2'-6"	1'-0"	2'-6"	#4 @ 12" O.C.
4'-0"	1'-0"	1'-8"	0'-4"	2'-6"	#4 @ 12" O.C.

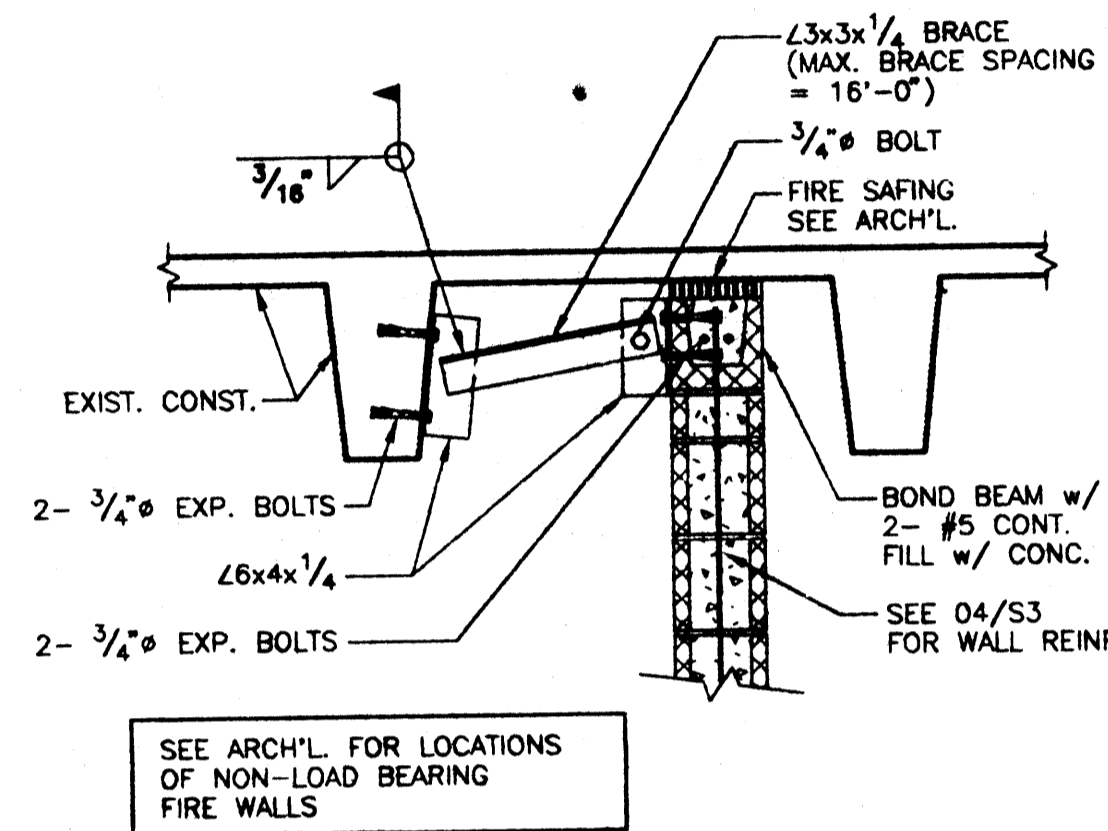


03 SECTION AT RETAINING WALL
SCALE: NOT TO SCALE

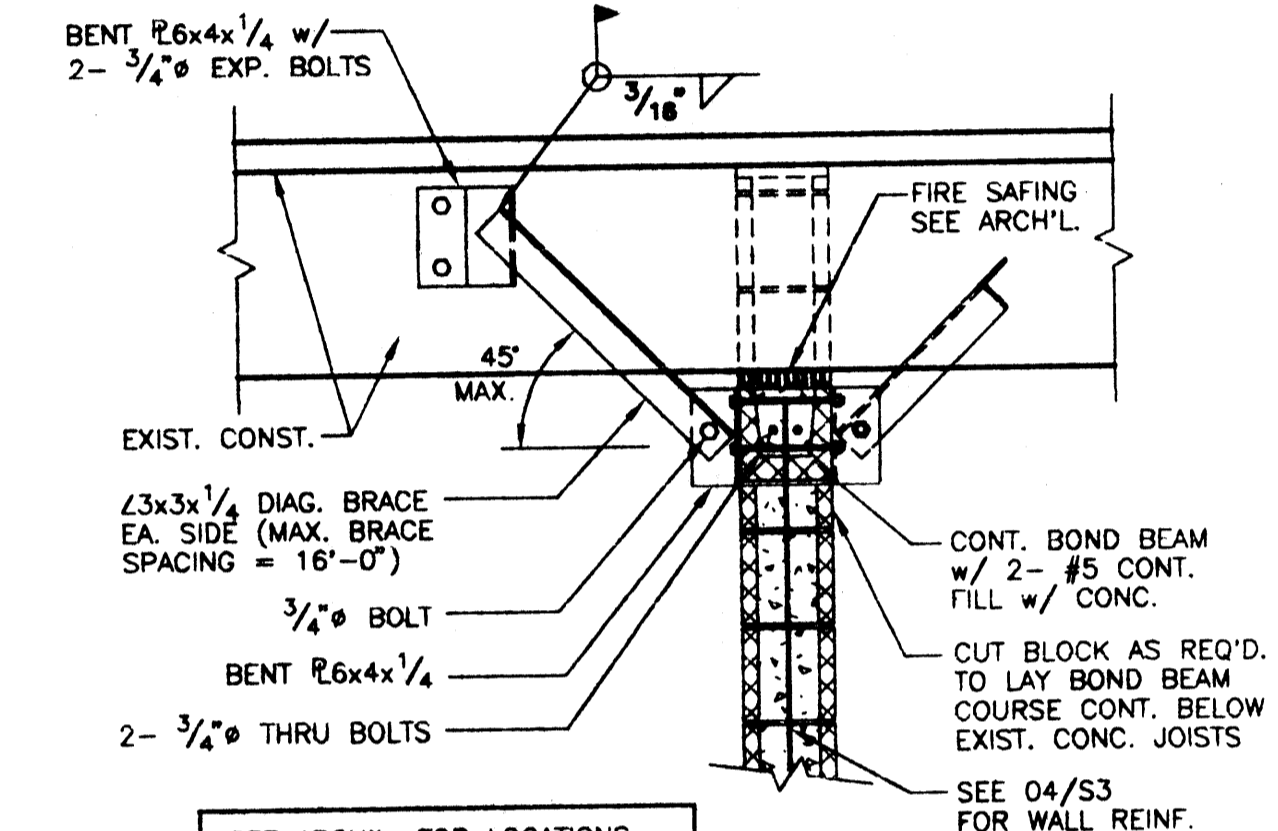
* AT NORTHEAST CORNER OF EXISTING BUILDING, IT WILL BE NECESSARY TO SHIFT BASE OF RETAINING WALL IN ORDER TO INSTALL WALL CLOSE TO EXISTING BUILDING. IT WILL BE PERMISSIBLE TO REDUCE DIMENSION "A" TO AS LITTLE AS 1'-6" AND INCREASE DIMENSION "B" TO AS MUCH AS 5'-0" AS LONG AS THE OVERALL BASE LENGTH OF 7'-6" IS MAINTAINED. ALL REINFORCING AND OTHER DETAILS SHOWN SHALL REMAIN AS DETAILED.



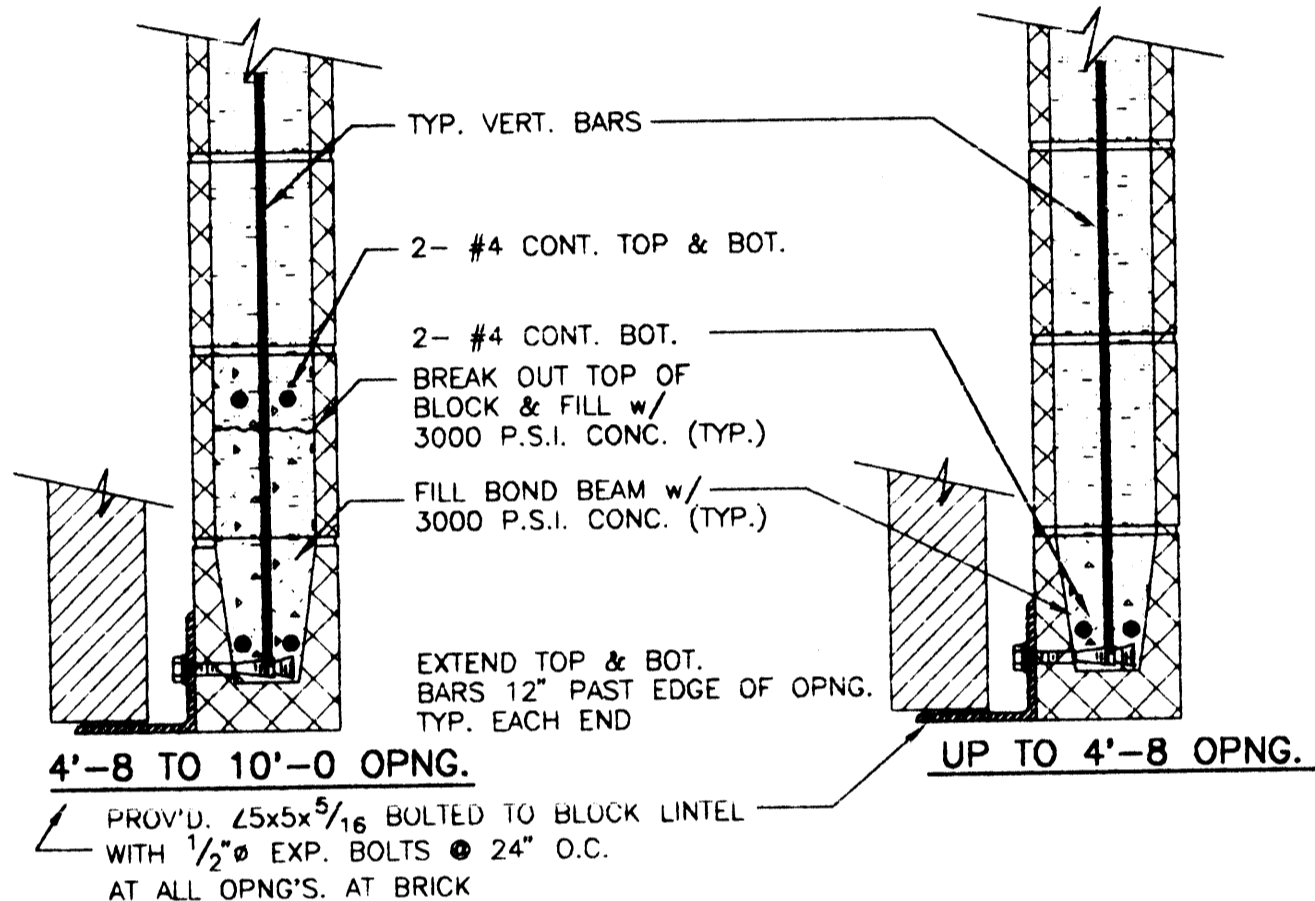
04 BRACE AT NON-LOAD BEARING WALLS
SCALE: 3/4"=1'-0"



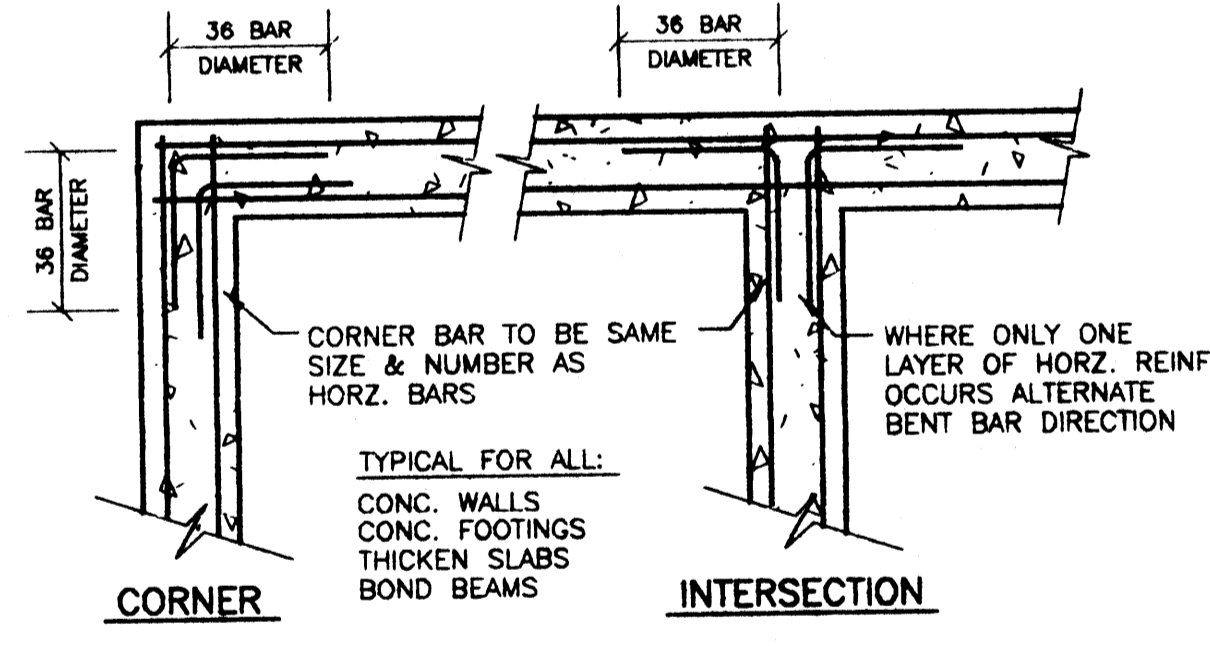
05 BRACE AT NON-LOAD BEARING FIRE WALLS
SCALE: 3/4"=1'-0"



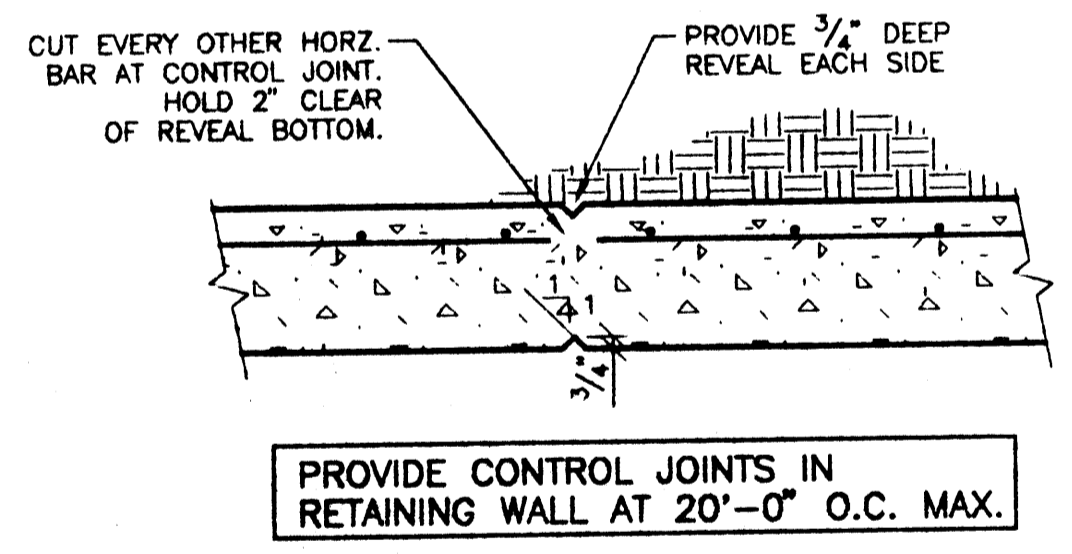
06 BRACE AT NON-LOAD BEARING FIRE WALLS
SCALE: 3/4"=1'-0"



07 LINTEL BLOCK SECTIONS
SCALE: 1 1/2"=1'-0"



08 TYP. CORNER BAR DETAIL
SCALE: 3/4"=1'-0"



09 RETAINING WALL CONTROL JOINT
SCALE: 3/4"=1'-0"

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100 E. Washington, Suite 1100, Fort Smith, Arkansas, 72301

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