

APPLICABLE CODES

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
TITLE 24 CCR, PART 1 - 2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24 CCR, PART 2 - 2013 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC) (2012 IBC, AS AMENDED BY CA)
TITLE 24 CCR, PART 3 - 2013 CALIFORNIA ELECTRICAL CODE (CEC) (2011 NEC, AS AMENDED BY CA)
TITLE 24 CCR, PART 4 - 2013 CALIFORNIA MECHANICAL CODE (CMC) (2012 IAMPO UMC, AS AMENDED BY CA)
TITLE 24 CCR, PART 5 - 2013 CALIFORNIA PLUMBING CODE (CPC) (2012 IAMPO UPC, AS AMENDED BY CA)
TITLE 24 CCR, PART 6 - 2013 CALIFORNIA ENERGY CODE
TITLE 24 CCR, PART 7 - NOT USED
TITLE 24 CCR, PART 8 - 2013 CALIFORNIA HISTORICAL BUILDING CODE
TITLE 24 CCR, PART 9 - 2013 CALIFORNIA FIRE CODE (FC) (2012 IFC, AS AMENDED BY CA)
TITLE 24 CCR, PART 10 - 2013 CALIFORNIA EXISTING BUILDING CODE (2009 IEB, AS AMENDED BY CA)
TITLE 24 CCR, PART 11 - 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE)
TITLE 24 CCR, PART 12 - 2013 CALIFORNIA REFERENCED STANDARDS
PARTIAL LIST OF APPLICABLE STANDARDS
2013 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35
2013 CALIFORNIA FIRE CODE REFERENCED STANDARDS CHAPTER 80
2013 NFPA 13, AUTOMATIC SPRINKLER SYSTEMS (AS AMENDED BY CA)
2013 NFPA 72, NATIONAL FIRE ALARM CODE (AS AMENDED BY CA) SEE UL STD 1971 FOR "VISUAL DEVICES"
2013 NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVES
2006 NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS

GEOLOGICAL INVESTIGATION REPORT

THE GEOTECHNICAL STUDY REPORT PREPARED BY SALEM CONSULTANTS DATED DECEMBER 12, 2013 (SALEM PROJECT NO. 3-213-0257) AND SITE-SPECIFIC GROUND MOTION HAZARD ANALYSIS DATED DECEMBER 7, 2013 ARE HEREBY MADE A PART OF THE CONTRACT DOCUMENTS. ALL FINDINGS AND RECOMMENDATIONS ARE TO BE INCLUDED IN THE SCOPE OF THE WORK AND REFLECTED IN THE COST OF THE CONTRACTORS BID PROPOSAL.
CALIFORNIA GEOLOGICAL SURVEY (CGS) PROJECT NUMBER: 03-CGS1555

DEFERRED APPROVALS

N/A

DETERIORATION OF EXISTING NON-COMPLIANT CONSTRUCTION

IF ANY CONDITIONS IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK (DSA IR 16-1.15, 5.4)

NOTE:
LIL 300 COMPLIANCE TO BE PROVIDED ON A3-03115568 WHICH WILL TIE INTO NEW CAMPUS FACP.
NEW FACP ON A03-115776 SHALL BE THE NEW FACP FOR A03-115568 PROVIDING VOICE EVAC ON CAMPUS

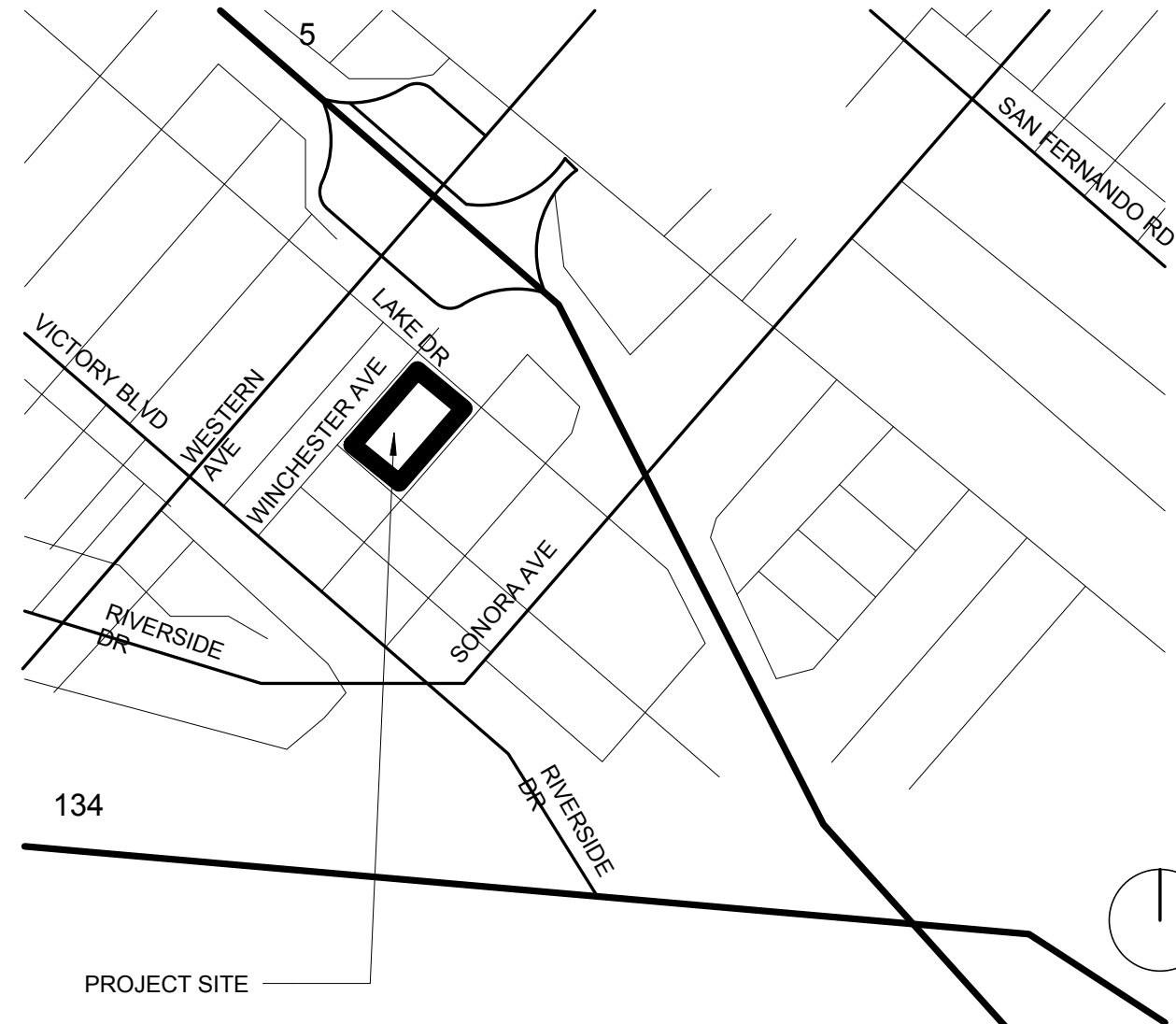
SUMMARY OF WORK

WORK CONSISTS OF:
1. RELOCATION OF (1) EXISTING, ONE-STORY RELOCATABLE CLASSROOM BUILDINGS FROM ON SITE, ALTERATIONS TO PART OF THE TWO BUILDINGS
2. RAMPS AND ABOVE-GRADE FOUNDATIONS
3. ASSOCIATED IMPROVEMENTS INCLUDE DEMOLITION, GRADING, DRAINAGE, AND UTILITY CONNECTIONS
4. ELECTRICAL AND FIRE ALARM SYSTEMS

DIRECTORY

OWNER: GLENDALE UNIFIED SCHOOL DISTRICT
223 N. JACKSON ST.
GLENDALE, CA 91206
ARCHITECT: NAC ARCHITECTURE
837 N. SPRING ST.
LOS ANGELES, CA 90012
CIVIL ENGINEER: BRANDON & JOHNSTON
700 S. FLOWER ST., SUITE 1800
LOS ANGELES, CA 90017
MPE: BREEN ENGINEERING
1963 W. 190TH ST., SUITE 200
TORRANCE, CA 90504

VICINITY MAP



ABBREVIATIONS

- @ AT ASPHALT CONCRETE ABOVE FINISH FLOOR
- A.C. ASPHALT CONCRETE ABOVE FINISH FLOOR
- A.F.F. ASPHALT CONCRETE ABOVE FINISH FLOOR
- BLDG BUILDING
- CL CENTER LINE
- CLF CHAIN LINK FENCE
- CLR CLEARANCE
- CONC CONCRETE
- DEG DEGREE
- DIA DIAMETER
- DN DOWN
- DS DOWNSPOUT
- DWG DRAWING
- (E) EXISTING
- ELEC ELECTRICAL
- EQ EQUAL
- FE FIRE EXTINGUISHER
- FIN FINISH
- FL FR FLOOR
- FT FOOT, FEET
- FTG FOOTING
- GA GAGE (GAUGE)
- GALV GALVANIZED
- (HT) HEIGHT
- HORIZ HORIZONTAL
- HVAC HEATING/VENTILATING/ AIR CONDITIONING
- IN INCHES
- INCL INCLUDING
- L LENGTH, LONG
- MAX MECH MECHANICAL
- MTL METAL
- MIN MINIMUM
- (N) NEW
- N.I.C. NOT IN CONTRACT
- NO NUMBER
- N.T.S. NOT TO SCALE
- O.C. ON CENTER
- P.H. PANIC HARDWARE
- PL PROPERTY LINE
- P.O.T. PATH OF TRAVEL
- QTY QUANTITY
- RM ROOM
- REQD REQUIRED
- SCH SCHEDULE
- SF, SQ FT SQUARE FEET
- SM SIMILAR
- S.M.S. SHEET METAL SCREW
- STD STANDARD
- STL STEEL
- THK THICKNESS
- TYP TYPICAL
- VERT VERTICAL
- W WITH
- WO WITHOUT
- WD WOOD
- ARCHITECTURE
 - A0.01 PROJECT INFORMATION
 - A0.02 GENERAL NOTES & SITE DETAILS
 - A0.03 SPECIFICATION
 - A0.10 CODE ANALYSIS & ACCESSIBILITY SITE PLAN
 - A0.20 FIRE ACCESS PLAN
 - A2.0A FLOOR PLAN PORTABLES
 - A10.00 SIGNAGE & WALL DETAILS
 - A10.01 WALL DETAILS
 - 8
 - CIVIL
 - C101 TITLE SHEET AND GENERAL NOTES
 - C102 GENERAL NOTES
 - C103 TOPOGRAPHICAL SURVEY
 - C201 TYPICAL DETAILS
 - C301 DEMOLITION PLAN
 - C401 GRADING AND UTILITY PLAN
 - C501 EROSION CONTROL PLAN
 - 7
 - MECHANICAL
 - M2.1 MECHANICAL FLOOR PLAN
 - 1
 - PLUMBING
 - P 0.1 PLUMBING GENERAL NOTES, SYMBOLS & LEGEND & SHEET INDEX
 - P 10 PLUMBING SITE PLAN
 - P 2.1 PLUMBING ENLARGED WASTE & WATER PIPING PLAN
 - 3
 - ELECTRICAL
 - E 0.1 ELECTRICAL GENERAL NOTES, SYMBOLS LEGEND, & SHEET INDEX
 - E 10 ELECTRICAL SITE PLAN
 - E 11 SIGNAL SYSTEM SITE PLAN
 - E 2.1 ELECTRICAL FLOOR PLAN
 - E 4.1 ELECTRICAL SINGLE LINE DIAGRAM
 - 8
 - Grand total: 77
 - FA 01 FIRE ALARM RISER SYMBOLS SPECIFICATION & NOTES
 - FA 10 FIRE ALARM SITE PLAN
 - FA 2.1 FIRE ALARM PORTABLE CLASSROOMS FLOOR PLAN
 - 8
 - BLDG R9 (IPC- 304) A#69849 (FROM CERTIFIED 03-101287)
 - A 0.0 TITLE SHEET
 - A 1.2 FLOOR PLAN
 - A 2.2 ROOF PLAN
 - A 3.2 EXTERIOR ELEVATIONS
 - A 4.2 INTERIOR ELEVATIONS
 - A 5.0 SCHEDULES
 - A 6.0 ARCHITECTURAL DETAILS
 - A 6.1 TYPICAL DETAILS
 - A 7.2 REFLECTED CEILING PLAN
 - A 7.4 REFLECTED CEILING DETAILS
 - F1.2 FOUNDATION PLAN
 - F2.0 FOUNDATION DETAILS
 - S 0.1 MATERIAL SCHEDULE
 - S 1.0 FLOOR FRAMING PLAN
 - S 2.1 ROOF FRAMING PLAN
 - S 3.0B FRAMING ELEVATIONS AND DETAILS
 - S 3.1 STRUCTURAL DETAILS
 - S 4.0 STRUCTURAL DETAILS
 - S 5.0 WALL FRAMING
 - S 5.1 FRAMING DETAILS
 - S 5.2 WALL FRAMING DETAILS
 - M1.2 MECHANICAL/HVAC PLAN
 - M13A ELECTRICAL PLAN
 - 23
 - BLDG R17 (IPC- 04-101268) A#104035 (FROM CERTIFIED 03-104035)
 - A0.01 COVER SHEET
 - A1.01 FLOOR PLAN
 - A2.02 ROOF PLAN
 - A2.03 ROOFING DETAILS
 - A3.11 EXTERIOR ELEVATIONS
 - A4.01 INTERIOR ELEVATIONS
 - A5.01 SCHEDULES
 - A6.01 ARCHITECTURAL DETAILS
 - A7.01 REFLECTED CEILING PLAN
 - A7.10 REFLECTED CEILING PLAN DETAILS
 - F1.01 FOUNDATION PLAN
 - F1.21 FOUNDATION DETAILS
 - S1.01 FLOOR FRAMING PLAN
 - S2.02 ROOF FRAMING PLAN
 - S3.02 STRUCTURAL FRAMING
 - S4.01 WALL FRAMING
 - S4.02 MECHANICAL DETAILS
 - M1.01 MECHANICAL/HVAC PLAN
 - M1.01 ELECTRICAL PLAN
 - 19
 - TMP SERVICES ACCESSIBLE RAMPS (IPC 04-10584)
 - 1 COVER SHEET
 - 2 ACCESSIBLE RAMP ELEVATIONS & DETAILS
 - 3 ACCESSIBLE RAMP DETAILS & NOTES
 - 4 DETAILS & NOTES
 - 5 ACCESSIBLE RAMP SWITCH BACK DETAILS
 - 6 STAIRS-OPTIONAL
 - 7 ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK
 - 8 ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS
 - 8
 - Grand total: 77

BENJAMIN FRANKLIN ELEMENTARY SCHOOL

PORTABLE RELOCATION

SHEET INDEX

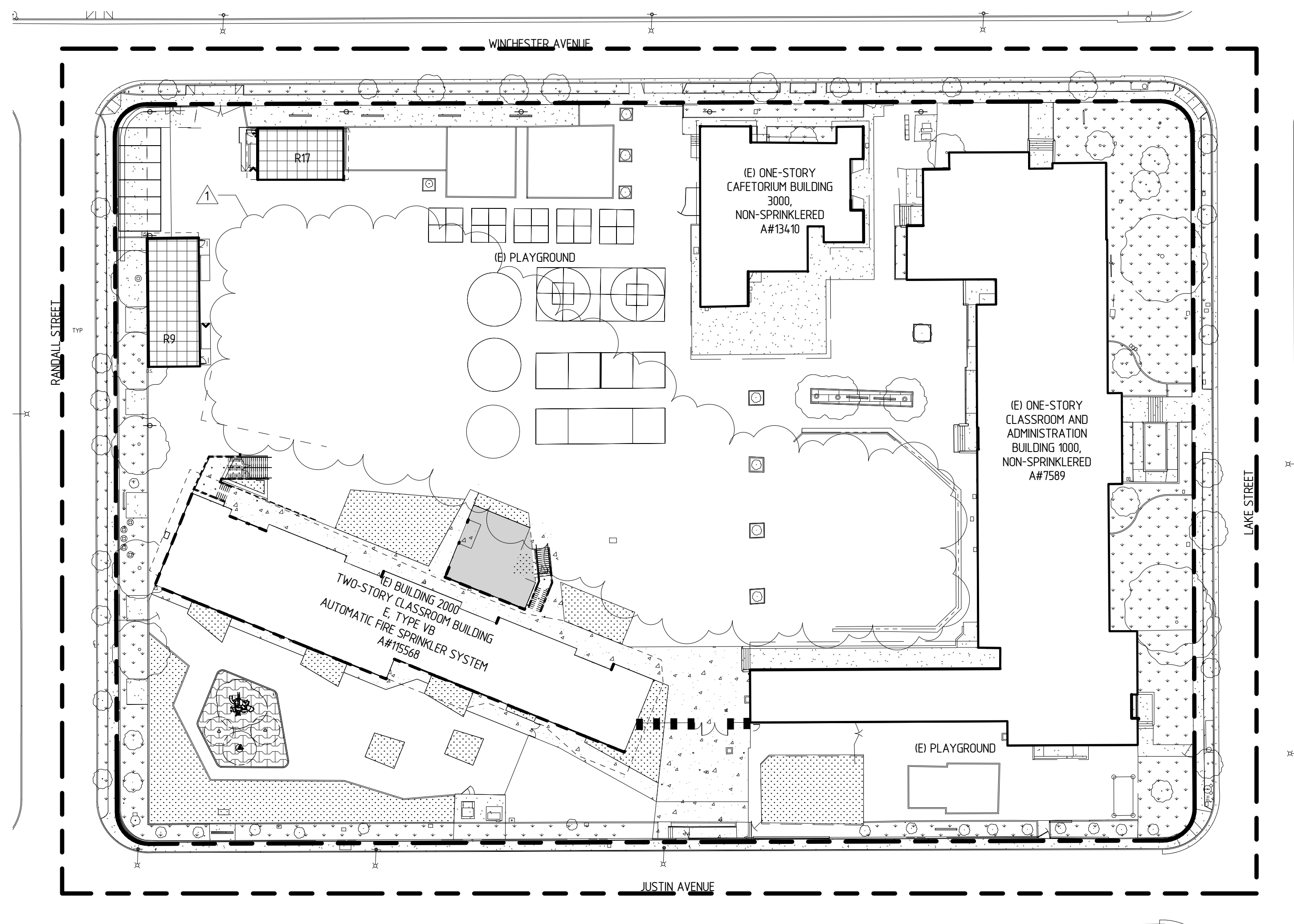
Table listing sheet numbers and titles for Architecture, Mechanical, Plumbing, and Electrical disciplines.

STATEMENT OF GENERAL CONFORMANCE

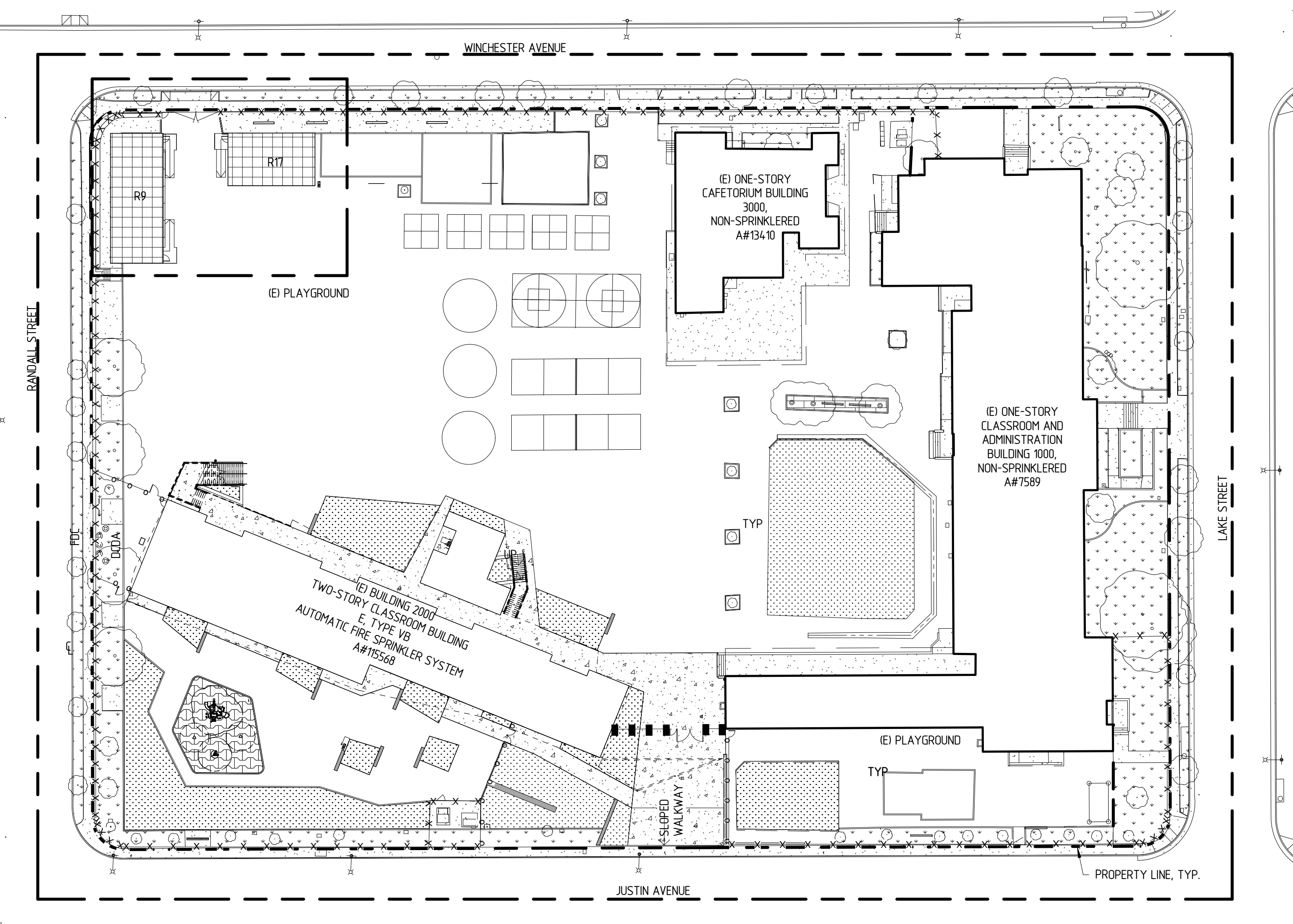
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS (APPLICATION NO. A#03-117210 FILE NO. 19-41)

 THIS DRAWING, PAGE OF SPECIFICATIONS/CALCULATIONS

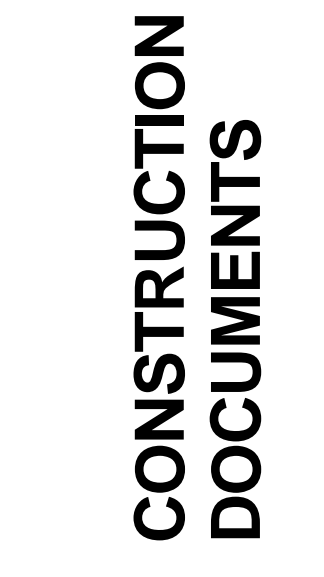
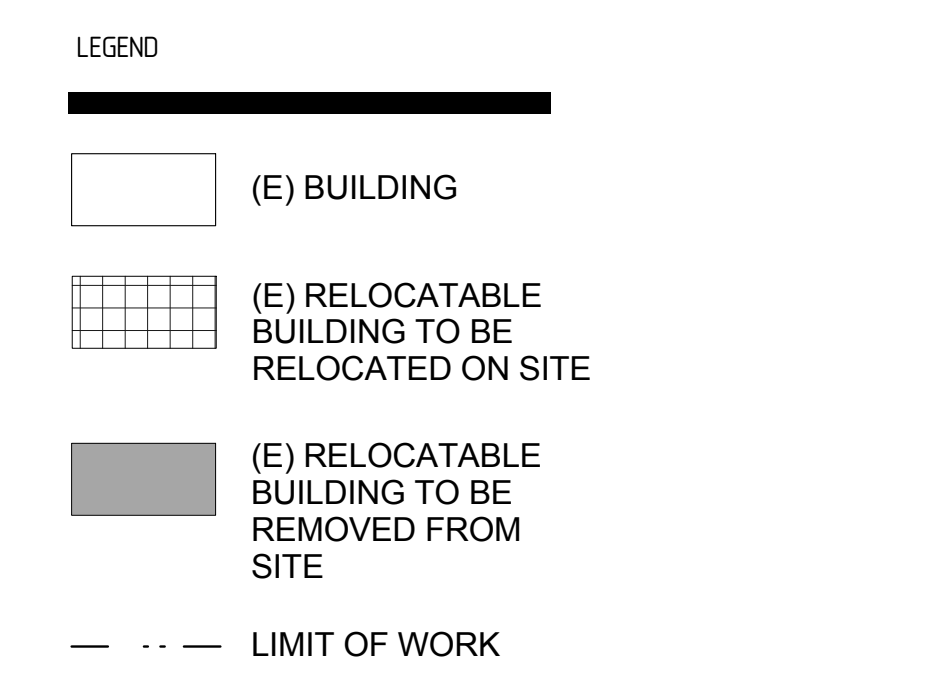
I FIND THAT:
 ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX THIS DRAWING OR PAGE
 IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.
 IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.



2 EXISTING CONFIGURATION
SCALE: T = 40'-0"



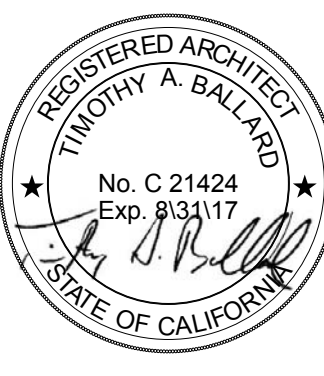
1 PROPOSED CONFIGURATION
SCALE: T = 40'-0"



IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE NO. 19-41
APPL. NO. 03-117210
AC_FL_S

DATE: _____

GUSD
FRANKLIN PORTABLES
BENJAMIN FRANKLIN ELEMENTARY SCHOOL
1610 LAKE STREET, GLENDALE, CA 91201



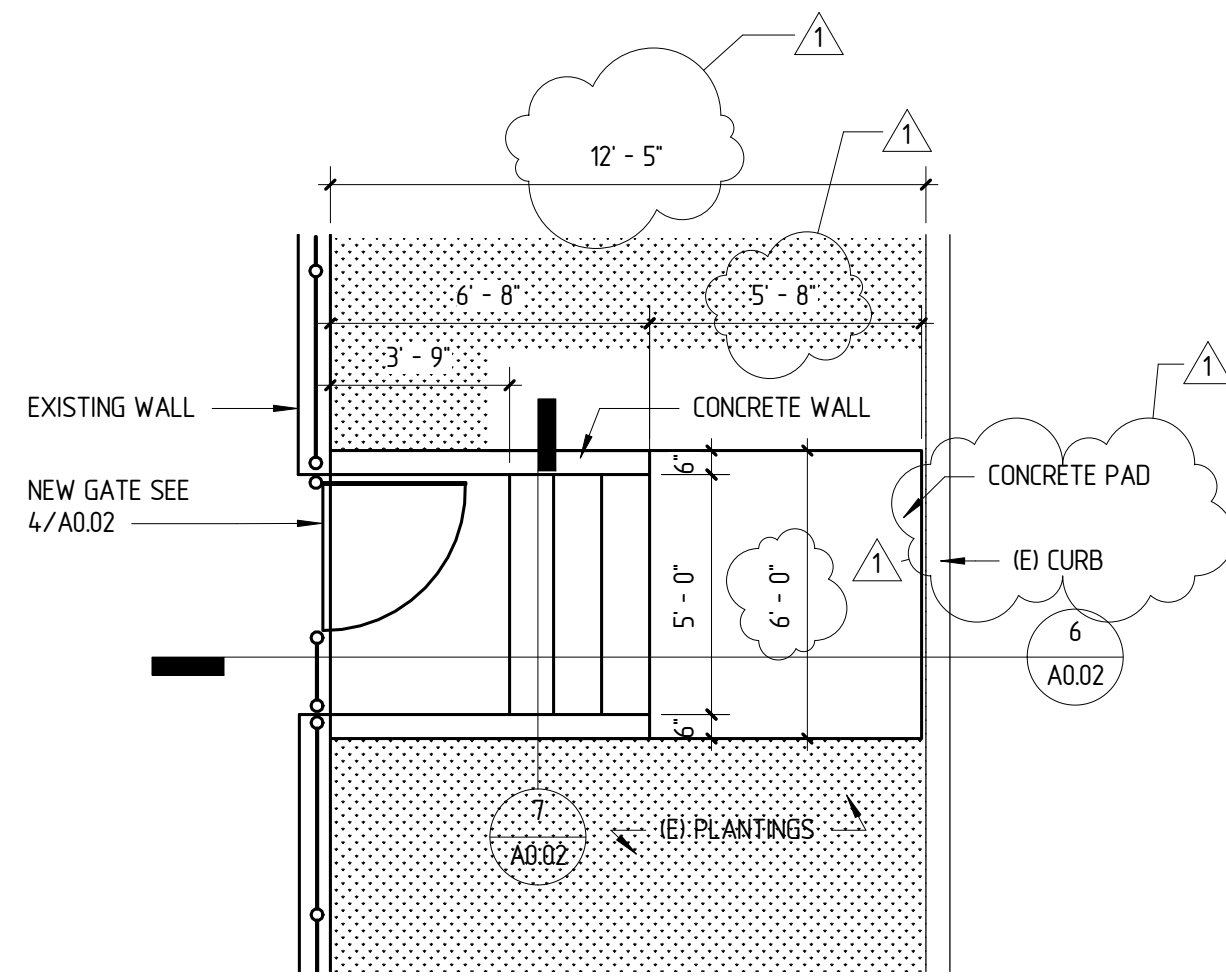
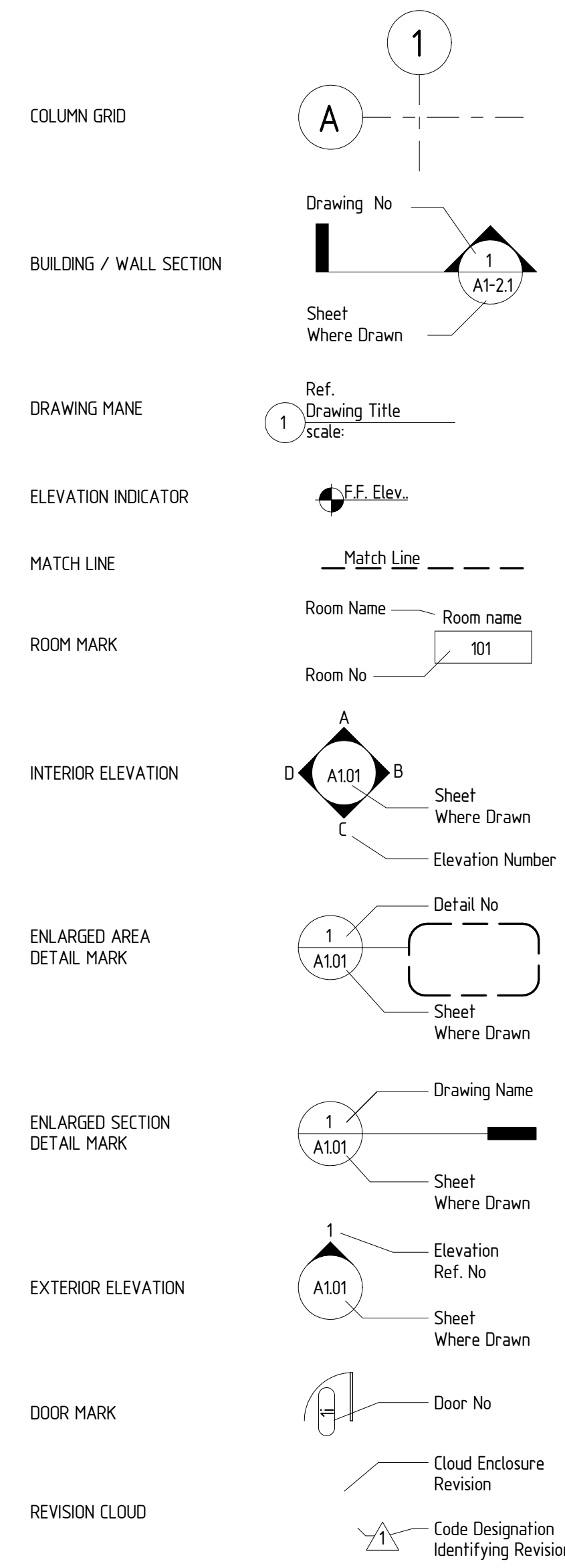
NAC ARCHITECTURE
837 N. SPRING STREET LOS ANGELES, CA 90011 | 213.291.0675 | F.323.475.9074

PROJECT INFORMATION
MICRO: 161-15045
DATE: 06.01.16
DRAWN: Author
CHECKED: Checker

GENERAL NOTES

- ALL TESTS SHALL BE PERFORMED BY A LABORATORY CERTIFIED BY THE DIVISION OF THE STATE ARCHITECT EMPLOYED BY THE SCHOOL DISTRICT OWNER.
- A DIVISION OF THE STATE ARCHITECT APPROVED CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT OWNER SHALL PROVIDE CONTINUOUS INSPECTION FOR THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342 PART-1 TITLE 24, CCR.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CDD APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- ALL TESTS AND SPECIFICATIONS SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND C.B.C. 2013.
- EACH CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING THIS PROJECT. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND SITE OBSERVATIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY, IN WRITTEN FORM.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL NEW WORK. SHOP DRAWINGS SHALL BE OF A SCALE WHICH SPECIFIC COMPONENTS CAN BE IDENTIFIED.
- CONSTRUCTION DOCUMENTS ARE DIAGRAMMATIC. DO NOT SCALE DIMENSIONS OFF THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS. EACH CONTRACTOR SHALL CONSULT WITH CONSTRUCTION MANAGER REGARDING SCHEDULING OF WORK. EACH CONTRACTOR SHALL SUBMIT CONSTRUCTION SCHEDULE TO THE CM FOR APPROVAL BEFORE START OF CONSTRUCTION.
- EACH CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING PIPELINES AND UTILITIES THAT ARE TO REMAIN IN SERVICE. EACH PRIME CONTRACTOR SHALL VERIFY WITH THE CONSTRUCTION MANAGER THAT THOSE PIPELINES AND UTILITIES THAT ARE TO BE REMOVED, HAVE BEEN DISCONNECTED, SHUT DOWN OR ABANDONED PRIOR TO ATTEMPTING REMOVAL OR DEMOLITION IN A MANNER TO AVOID ANY DISRUPTION OF EXISTING FACILITIES.
- ALL DAMAGE DONE TO EXISTING CONSTRUCTION AS A RESULT OF DEMOLITION OR INSTALLATION SHALL BE COMPLETELY REPAIRED BY EACH PRIME CONTRACTOR AT NO COST TO OWNER. REPAIRED WORK SHALL MATCH EXISTING CONSTRUCTION.
- PRODUCTS OF DEMOLITION/CONSTRUCTION SHALL BE STORED AND/OR INSTALLED IN A MANNER SUCH THAT NO MATERIALS ARE DAMAGED AND PUBLIC SAFETY IS MAINTAINED.
- EACH CONTRACTOR SHALL THOROUGHLY CLEAN AND SECURE THE AREA OF CONSTRUCTION AFTER EACH DAY OF WORK.
- EACH CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON THE ARCHITECT'S DRAWINGS WITH THE WORK SHOWN ON THE PLUMBING AND ELECTRICAL DRAWINGS. ANY DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BY RFIS REQUEST FOR INFORMATION BEFORE ANY NEW WORK IS STARTED.
- SHUT DOWN OF EXISTING AND OPERATING PLUMBING AND ELECTRICAL SYSTEMS OR PORTIONS THEREOF SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- PARKED VEHICLES SHALL NOT OBSTRUCT REQUIRED EXITS.
- STOCKPILES OF DEBRIS AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- TRASH AND CONSTRUCTION RELATED DEBRIS MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- THE CONTRACTOR SHALL COORDINATE BETWEEN ALL TRADES TO PROVIDE BACKING PLATES FOR ANCHORING & ATTACHMENT OF ALL WALL MOUNTED FIXTURES, CABINETS, SHELVES, ETC.
- DETAILS ARE REFERENCED FOR CONVENIENCE ONLY. DETAILS & NOTES SHALL APPLY IN ALL SIMILAR CASES, WHETHER OR NOT SPECIFICALLY REFERENCED.
- EACH CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING THE JOB TO FAMILIARIZE HIMSELF IN DETAIL AS TO THE EXTENT OF THE WORK REQUIRED & THE EXISTING CONDITIONS, & SHALL TAKE THESE INTO CONSIDERATION IN THE COST OF THE BID.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE. DO NOT SCALE THE DRAWINGS. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- AN INSPECTOR WHO IS SPECIALLY QUALIFIED IN MECHANICAL AND ELECTRICAL WORK WILL BE REQUIRED FOR THIS PROJECT.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- EACH CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS AND DIMENSIONS OF THE PROJECT AND SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY CONDITION REQUIRING MODIFICATION OR CHANGE BEFORE PROCEEDING WITH THE WORK.
- ALL STUD DIMENSIONS ARE TO THE FACE OF STUD, UNLESS NOTED OTHERWISE. CONCRETE OR MASONRY WALLS ARE MEASURED TO THE FACE UNLESS NOTED OTHERWISE.
- ALL MATTERS OF COLOR, TEXTURE, DESIGN AND INTERPRETATION OF PLANS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSTRUCTION MANAGER FOR RESOLUTION BY THE ARCHITECT.
- WRITTEN DIMENSIONS GOVERN OVER SCALED DIMENSIONS, AND LARGE SCALE DETAILS GOVERN EXISTING BUILDING DIMENSIONS ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

SYMBOLS

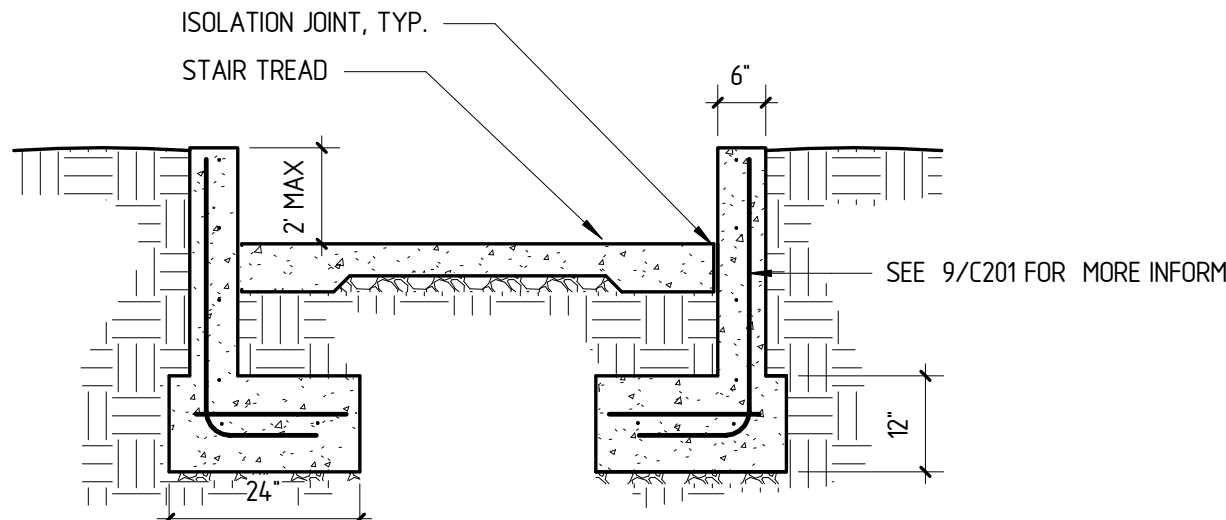


8 PLAN FIRE ACCESS GATE
SCALE: 1/4" = 1'-0"

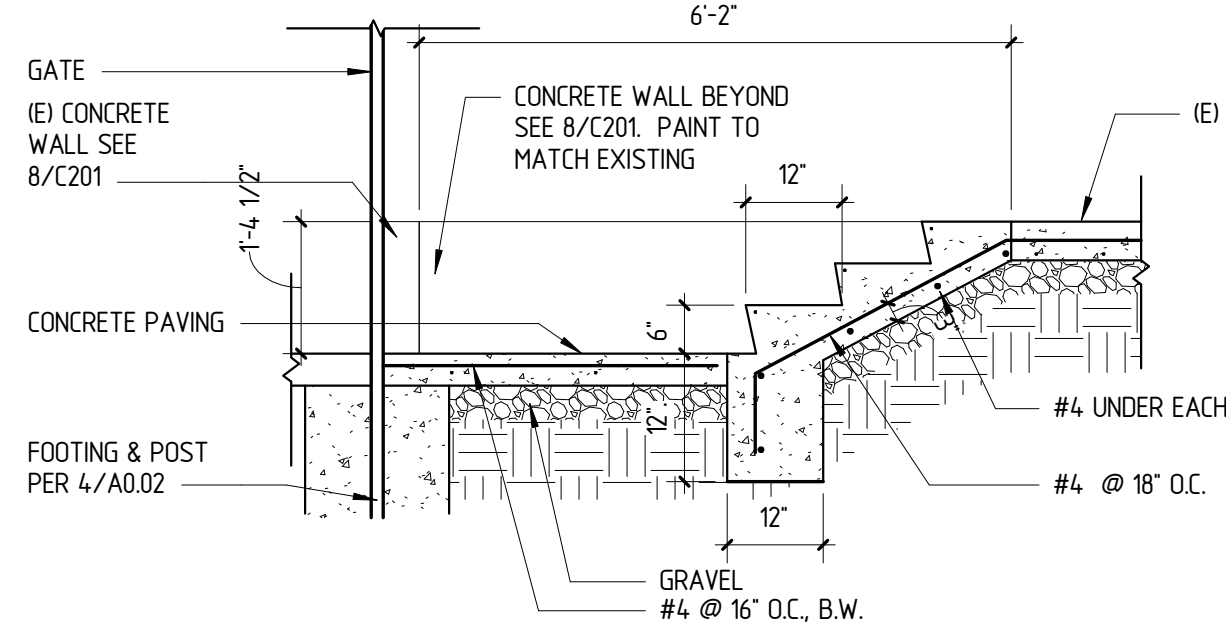
SOUND ISOLATION NOTES

- PARTITION FRAMING**
- EXTEND ALL WALL PARTITIONS, FINISHES AND SOUND INSULATION TO UNDERSIDE OF WOOD DECKS.
 - FOR WALLS HEAD SEE DETAIL 5/A 200
 - FOR WALLS SILL SEE DETAIL 4/A 200
 - ALL WALL PARTITION CAVITIES SHALL BE FILLED WITH SOUND INSULATION BATTS
- ACOUSTICAL SEALANT**
- ALL SLAB-TO-SLAB ACOUSTICAL PARTITIONS SHOULD BE THOROUGHLY ACOUSTICALLY SEALED AT THE PARTITION BASE AND STRUCTURE ABOVE, AS SHOWN ON THE ENCLOSED PARTITION DETAILS. TO REDUCE FLANKING NOISE AT THE STRUCTURE IF THE LONG SIDES OF THE FLUTED DECK SHEETS INTERLOCK RATHER THAN OVERLAPPING, THIS CREATING A VOID, AND THE PARTITION BELOW IS PERPENDICULAR TO THE FLUTES, IT IS ESSENTIAL THAT INSULATION BE PACKED IN THE HOLE ON BOTH SIDES AS TIGHTLY AS POSSIBLE AND THAT THE HOLE BE THOROUGHLY SEALED AT ACOUSTICALLY SENSITIVE AREAS.
 - ALL PENETRATIONS, SUCH AS FOR DUCT, PIPE AND CONDUIT, SHOULD HAVE A 1/8" GAP MINIMUM BETWEEN THE PENETRATING SERVICE LINE AND THE PARTITION AND BE ACOUSTICALLY SEALED WITH A RESILIENT CAULKING. SEE DETAIL 3/A 200.

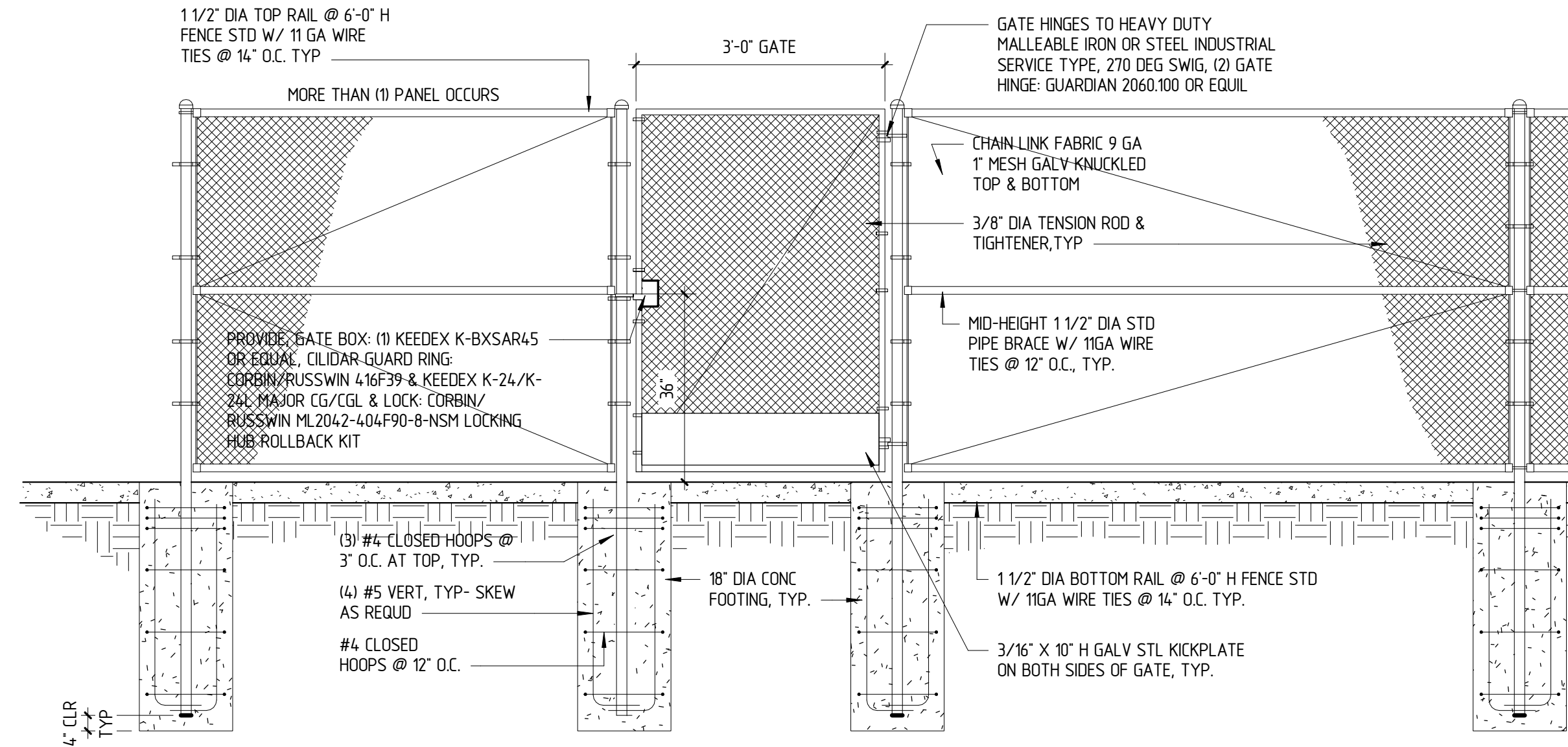
- OUTLET BOX PAIDS**
- THERE SHOULD BE NO BACK-TO-BACK ELECTRICAL OUTLET BOXES AND BOX PAIDS SHOULD BE INSTALLED IN ALL SLAB-TO-SLAB PARTITIONS. SEE DETAIL 2/A 200.
 - OUTLET BOXES WITH A SOUND PAD BE USED AT ALL LOCATIONS TO MAINTAIN THE EXPECTED ACOUSTICAL PERFORMANCE. THE USE OF MUD RINGS WITHOUT ELECTRICAL BOXES SHOULD NOT OCCUR.
- CABLE TRAYS**
- WHERE CABLE TRAYS OCCUR, DO NOT PENETRATE SLAB-TO-SLAB ACOUSTICAL PARTITIONS IF CABLE TRAYS MUST PENETRATE SLAB-TO-SLAB ACOUSTICAL PARTITIONS, LOCATE THEM ABOVE THE FINISH CEILING AND INSTALL AN ACOUSTICALLY SEALED CONDUIT SLEEVE AT PARTITION PENETRATIONS (SEE DETAIL 3/A 200, SMI). ALTERNATIVELY, A SYSTEM SUCH AS CSO FIRST TO MIL IT-CABLE AND CABLE-TRAY FIRESTOP UNIT (TEL. 781-662-0320) MAY BE CONSIDERED.



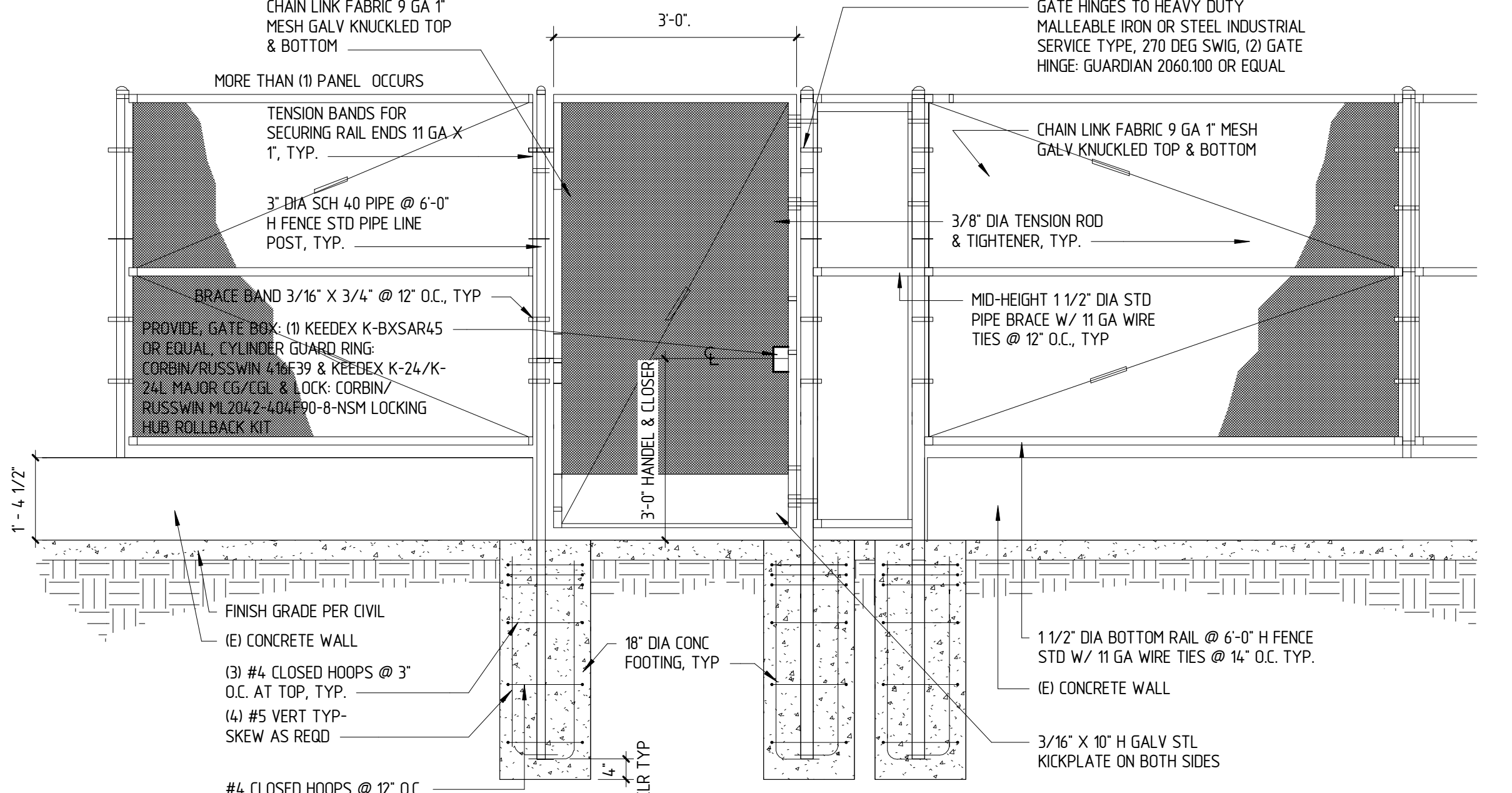
7 CROSS SECTION OF SITE STAIRS
SCALE: 1/2" = 1'-0"



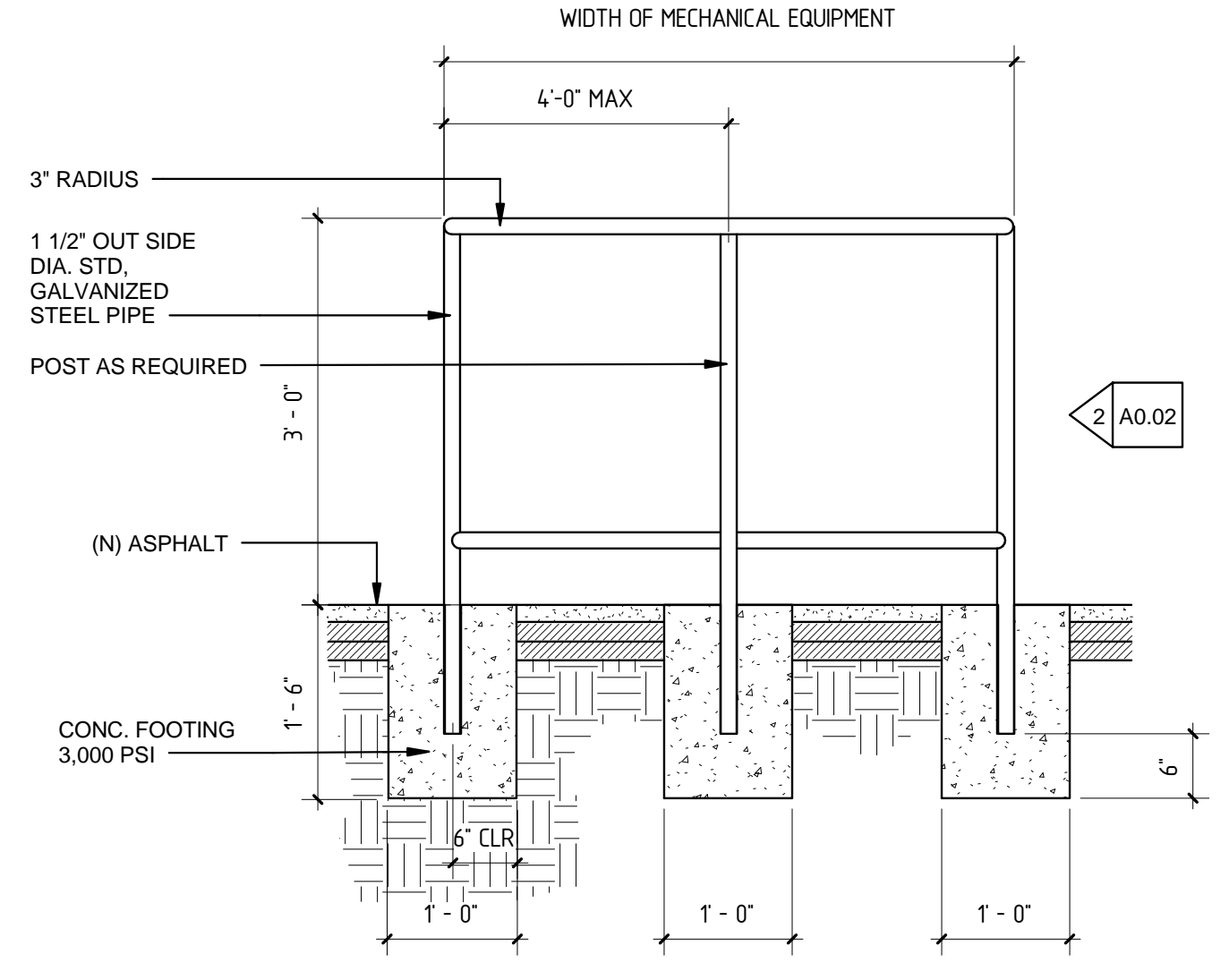
6 SECTION OF FIRE ACCESS STAIR
SCALE: 1/2" = 1'-0"



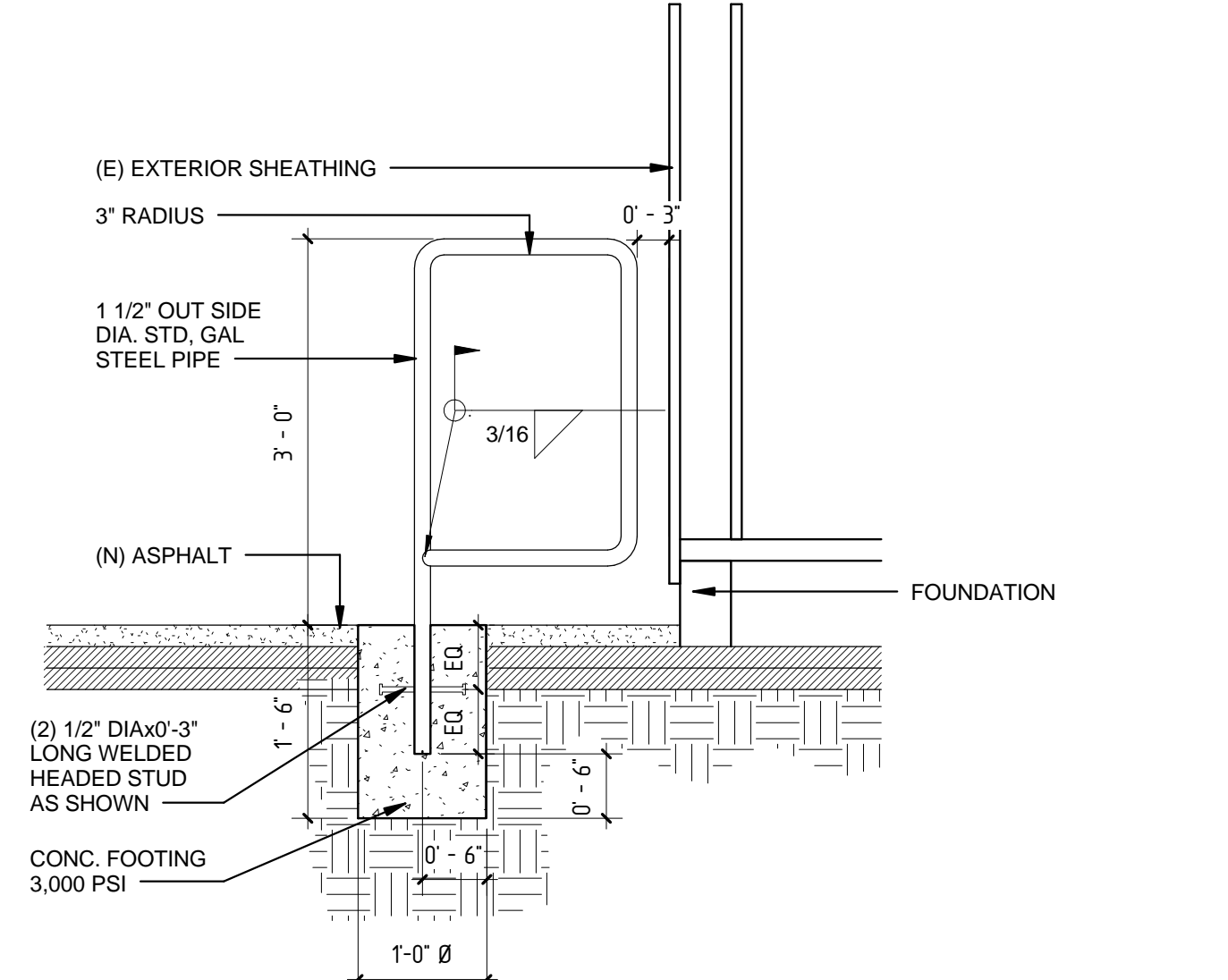
5 PEDESTRIAN MAN GATE
SCALE: 1/2" = 1'-0"



4 FIRE ACCESS GATE
SCALE: 1/2" = 1'-0"



3 PROTECTIVE RAILING DETAIL ELEVATION
SCALE: 3/4" = 1'-0"



2 PROTECTIVE RAILING DETAIL SIDE ELEVATION
SCALE: 3/4" = 1'-0"

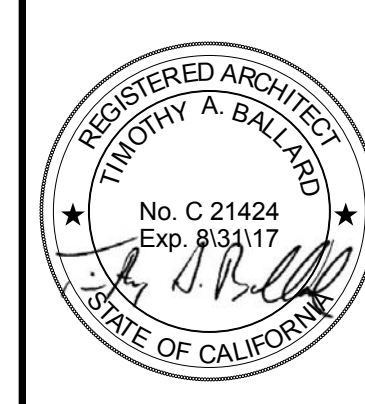


1 FIRE ACCESS SIGN
SCALE: 3/16" = 1'-0"



IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE NO. 19-41
APPL. NO. 03-117210
AC: FLS SS
DATE:

GUSD
FRANKLIN PORTABLES
BENJAMIN FRANKLIN ELEMENTARY SCHOOL
1610 LAKE STREET, GLENDALE, CA 91201



NAC ARCHITECTURE
1610 LAKE STREET, LOS ANGELES, CA 90017 | 323.46.8095 | 323.478.8704

PROJECT NO: 161-15045
DATE: 06.01.16
AUTHOR: Author
CHECKER: Checker

CODE ANALYSIS & ACCESSIBILITY SITE PLAN

A0.10

KEY LEGEND

KEY	TEXT
A1	(E) ACCESSIBLE GIRLS RESTROOM A# 115568
A2	(E) ACCESSIBLE BOYS RESTROOM A# 115568
A3	(E) ACCESSIBLE RESTROOM A# 115568
A4	(E) ACCESSIBLE STAFF UNISEX RESTROOM A# 115568
A5	(E) ACCESSIBLE H-LO DRINKING FOUNTAIN A#115568
A7	(E) ACCESSIBLE STEEL PEDESTRIAN GATE - A# 115568
A9	(E) ACCESSIBLE ADMINISTRATION LOBBY VISITOR CHECK-IN - A#106196
A10	(E) ACCESSIBLE WHEELCHAIR LIFT - A#106196
A11	(E) ACCESSIBLE RAMP AND STAIRS - A#106196
A12	(E) ACCESSIBLE H-LO DRINKING FOUNTAIN - A#106196
A13	(E) ACCESSIBLE GIRLS RESTROOM - A#106196
A14	(E) ACCESSIBLE BOYS RESTROOM - A#106196
A15	(E) ACCESSIBLE UNISEX RESTROOM - A#106196
A16	(E) ACCESSIBLE STAFF UNISEX RESTROOM - A#106196
A17	(E) ACCESSIBLE STAFF UNISEX RESTROOM - A#101443
A18	(E) ISA SIGN ON DOOR
A19	(E) 5% SLOPED WALK
A20	(E) NON-ACCESSIBLE WOMEN'S RESTROOM
A21	(E) NON-ACCESSIBLE MEN'S RESTROOM
A22	(E) NON-ACCESSIBLE STAFF UNISEX RESTROOM
A24	(E) ACCESSIBLE ENTRY DOORS - A#106196
A28	RELOCATED DRINKING FOUNTAIN
S1	(E) 6'-0" H STL. FENCING, PAIR OF 6'-0" W GATES AND SINGLE 3'-0" W PEDESTRIAN GATE W/ WELDED WIRE MESH PANELS - A#115568
S2	(E) 6'-0" H CHAIN LINK FENCE W/ 4'-0" W PEDESTRIAN GATE (E)
S3	(E) PLANTING AREA W/ 1" CUT BARK WOOD MULCH (OAK, PINE, OR REDWOOD) A#115568
S5	(E) CONCRETE PAVING
S6	(E) CONCRETE PAVING
S7	(E) ASPHALT PAVING
S9	(E) RETAINING WALL & CONCRETE BENCH
S11	(E) 6'-0" H CHAIN LINK FENCE W/ 3'-0" W PEDESTRIAN GATE
S14	(E) STEEL PLANTER HEADER
S15	(E) LUNCH SHELTER
S16	(E) CURB RAMP
S17	(E) CURB CUT
S18	(E) PLANTING AREA
S20	(E) MARQUEE
S21	(E) FLAGPOLE
S22	(E) RUBBER SURFACING
S23	(E) TRASH ENCLOSURE
S24	(E) ELECTRICAL EQUIPMENT
S25	(E) PV INVERTER ON CONCRETE PAD
S31	(E) CHAIN LINK FENCE
S32	(E) CONCRETE STAIRS
S33	(E) CONCRETE RAMP
S34	(E) SHADE STRUCTURE
S36	PROTECT IN PLACE (E) 20'-0" WIDE SWINGING GATE
S37	(E) 18'-0" WIDE SLIDING GATE
S38	(E) STEEL ENTRY GATEWAY
S42	STREET CENTERLINE
S43	PROPERTY LINE - TYP.
S44	MAGINARY PROPERTY LINE
S51	3'-0" MAN GATE SEE 5/A0.02
S52	FIRE DEPARTMENT MAN GATE SEE 6/A0.02
S53	CONCRETE PAVING
S54	SITE STAIR, SEE 6/A0.02
S72	(E) WOOD HANDBALL WALL
S73	(E) BENCH
S76	(E) ELECTRIC BDX - A#115568
S77	(E) TRANSFORMER - A#115568
S78	LIMIT OF WORK
S80	(E) BIKE RACKS
S82	(E) PAINTED PLAY COURT MARKINGS
S89	(E) RETAINING WALL & FENCE
S90	END OF (E) RETAINING WALL
S94	(E) CLF PEDESTRIAN GATE

CODE ANALYSIS

A0.10 FRANKLIN ES PORTABLE RELOCATION- CODE ANALYSIS
Project consists of removing (1) existing, one-story relocatable classroom buildings (R1, R2, R3, R4, R5, R6, R7, R8, R10, R15, R16) and (2) existing, relocatable restroom building (11) and relocating (2) existing, one-story relocatable classroom buildings (69 & R71) from on site, on a Public Elementary School Campus. Associated improvements include grading, drainage and utility connections.

TYPE OF CONSTRUCTION VB
TYPE OF OCCUPANCY E
ONE STORY 40' Max. Allowable height
NON - FIRE SPRINKLERED
AUTOMATIC FIRE ALARM SYSTEM THROUGHOUT
CBC TABLE 503 Allowable Building Area per Story
9,500sf
(R9) 1,440sf + (R71) 960sf + 2,400sf + 9,500sf = OK
CBC Table 601 Fire Resistance Rating Requirements for Building Elements (Hours) Type VB
Structural frame = 0
Bearing Walls Exterior/Interior = 0
Non-Bearing Walls Exterior/Interior = 0
Floor Construction = 0
Roof Construction = 0

CBC Table 602 Fire-resistance Rating Requirements for Exterior Walls Based on Fire Separation Distance
10' x 30' Type VB E Occupancy = 0
CBC 702 Definitions - Fire Separation Distance
The distance measured from the building face to one of the following:
1. The closest interior lot line
2. To the centerline of a street, an alley or public way, or
3. To an imaginary line between two buildings on the property
CBC 705.8.1 Allowable Area of Openings

Exception 2: Buildings whose exterior bearing walls, exterior nonbearing walls and exterior primary structural frame are not required to be fire-resistance rated shall be permitted to have unlimited unprotected openings.

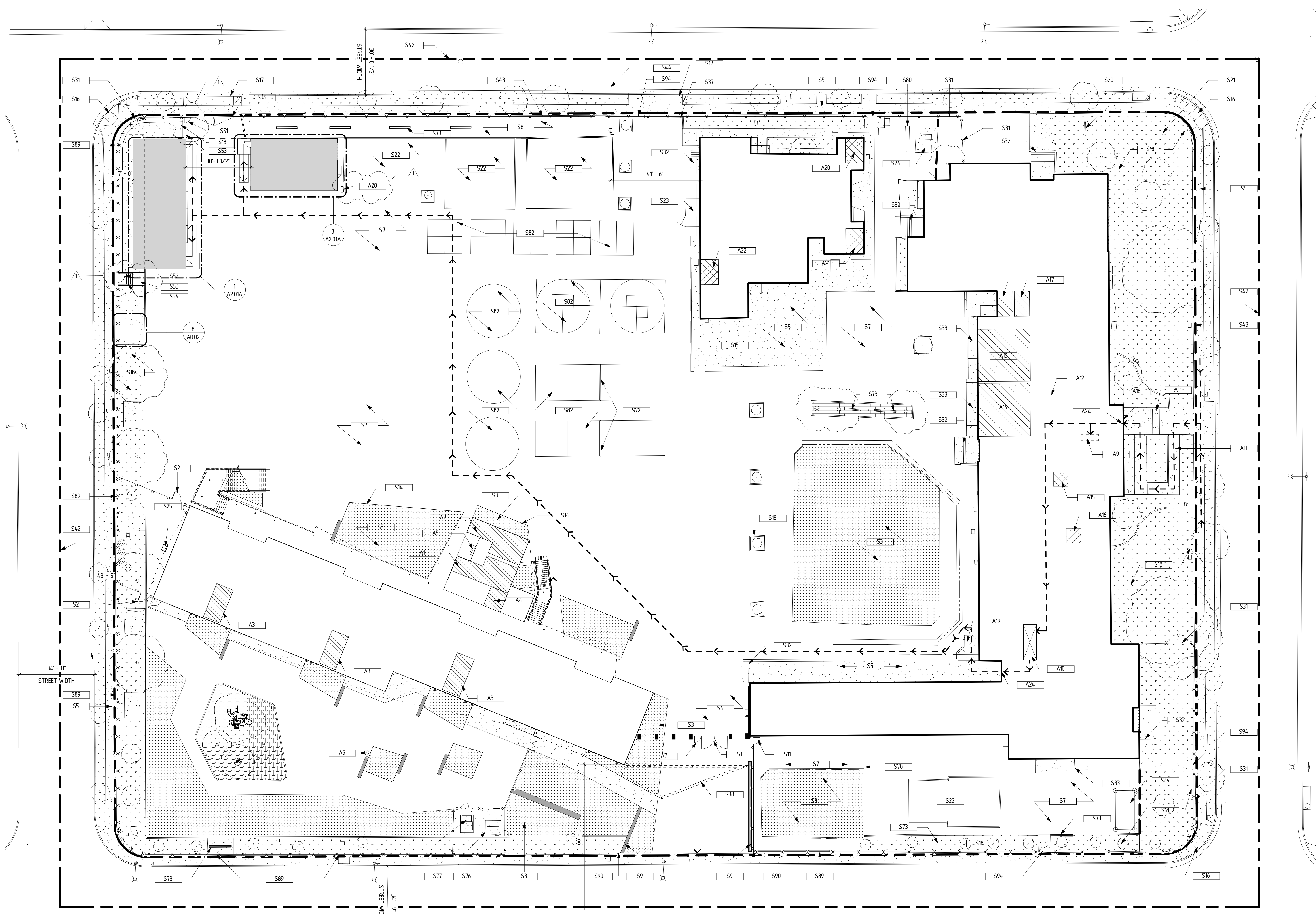
A0.20 - FIRE ACCESS PLAN
CFC Table BB105.1
Required fire-flow for Type VB, 2,400sf buildings is 1,500 GPM
CFC Table CC105.1 with Glendale Fire Code Amendments

For 1,750GPM or less required fire-flow, a minimum of 1 hydrant located a maximum distance of 250' from any point on street or road frontage.

PATH OF TRAVEL STATEMENT

The POT identified in these construction documents is compliant with the current applicable California Building Code accessibility provisions for path of travel requirements for alterations, additions and structural repairs. As part of the design of this project, the POT that were determined to be noncompliant have been identified and 2) the corrective work necessary to bring them into compliance has been included within the scope of this project's work through details, drawings and specifications incorporated into these construction documents. Any noncompliant elements, components or portions of the POT that will not be corrected by this project based on valuation threshold limitations or a finding of unreasonable hardship are so indicated in these construction documents.

During construction, if POT items within the scope of the project represented as code compliant are found to be noncompliant beyond reasonable construction tolerances, they shall be brought to compliance with the CBC as a part of this project by means of a construction change document.



1 CODE ANALYSIS & ACCESSIBILITY SITE PLAN
SCALE: T = 20'-0"

LEGEND	
(E) TREE	(E) ASPHALT PAVING
PLANTING TO SCREEN EQUIPMENT (CEANOTHUS 'DARK STAR')	ASPHALT PAVING
(E) 6'-0" H CHAIN LINK FENCE	(E) CONCRETE PAVING
(E) 6'-0" H CHAIN LINK FENCE	CONCRETE PAVING
(E) 6'-0" H ORNAMENTAL FENCE	(E) BRICK PAVING
(E) TREE	RUBBERIZED TILE SURFACING
(E) TREE	(E) LANDSCAPE AREA
(E) TREE	LANDSCAPE AREA
(E) TREE	ACCESSIBLE RESTROOMS
(E) TREE	(E) ACCESSIBLE RESTROOMS
(E) TREE	(E) NON-ACCESSIBLE RESTROOMS
(E) TREE	ELEVATOR OR WHEELCHAIR LIFT
(E) TREE	LIMIT OF WORK
(E) TREE	PROPERTY LINE
(E) TREE	ACCESSIBLE PATH OF TRAVEL
(E) TREE	LINE OF FLOOR/ROOF ABOVE

PROJECT STATUS

DSA #	CLOSED WITH CERTIFICATION STATUS
A#7589	CERTIFIED 04/05/1951
A#13410	CERTIFIED 03/05/1958
A#10187	LETTER TYPE 1 04/16/2001 PORTABLES
A#10143	LETTER TYPE 2 07/25/2003
A#10405	LETTER TYPE 1 06/21/2001
A#106196	LETTER TYPE 1 03/02/2005
A#115568	UNDER CONSTRUCTION

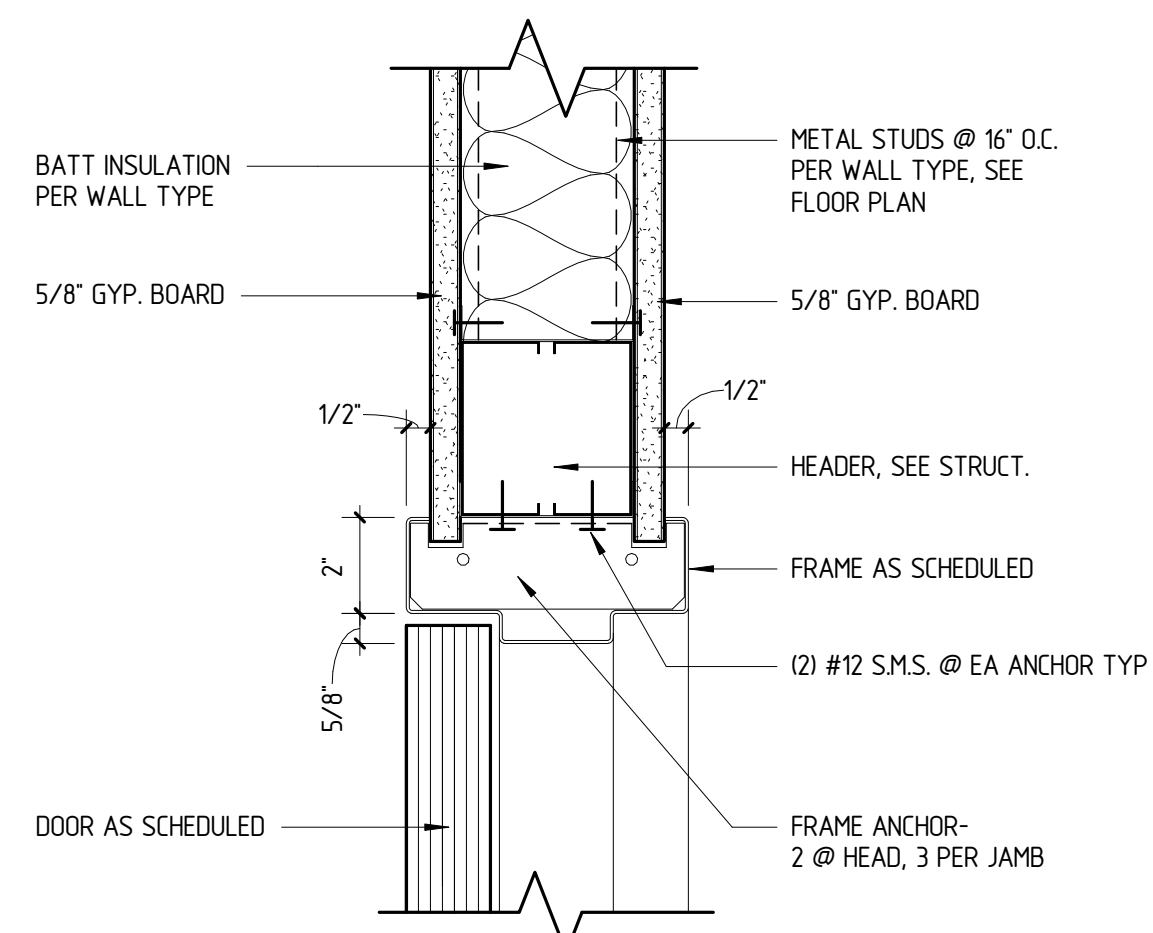
GENERAL NOTES:

- Site walkways shall provide a barrier free path of travel for a person in a wheelchair. The path of travel shall be a hard, durable and slip resistant route a minimum of 48 inches in width (11B-403.5.1 Exception 3) and with a maximum gradient slope of 5% and maximum cross-slope of 2% (11B-403.3) abrupt changes in level shall not exceed a beveled slope of 1:2 with a 5/2" in vertical height and 1/4" maximum in vertical differential levels. Concrete finish shall be medium salted.
- Path of travel (P.O.T.) as indicated, is a common barrier free egress/access route without any abrupt vertical changes exceeding 1/2" beveled at 1:2 maximum slope, except that level changes do not exceed 1/4" vertical and is at least 48" wide. The path surface is slip resistant, stable, firm, and smooth. Passing spaces (11B-403.5.3) at least 60" x 60" are located not more than 200' apart. Parts of P.O.T. with continuous gradients have 50' level areas (11B-403.7) not more than 400' apart. The cross-slope does not exceed 2% and slope in the direction of travel and is less than 5% unless otherwise indicated. (P.O.T.) shall be maintained free of overhanging obstructions to 80" minimum (11B-307.4) and protruding objects greater than 4" projection from wall and above 27" and less than 80" (11B-307.2). Architect shall verify that there are no barriers in the P.O.T.
- Gates in Path of travel shall have emergency hardware and kick plates.
- For all site gradients see CIVIL PLANS.
- For accessible signage locations see A2.01A
- For Safe Dispersal Area see A 0.20 FIRE ACCESS PLAN.
- See Sheet:
A0.20 FOR FIRE ACCESS
A1.11 FOR OVERALL SITE PLAN AND ENLARGED REFERENCES

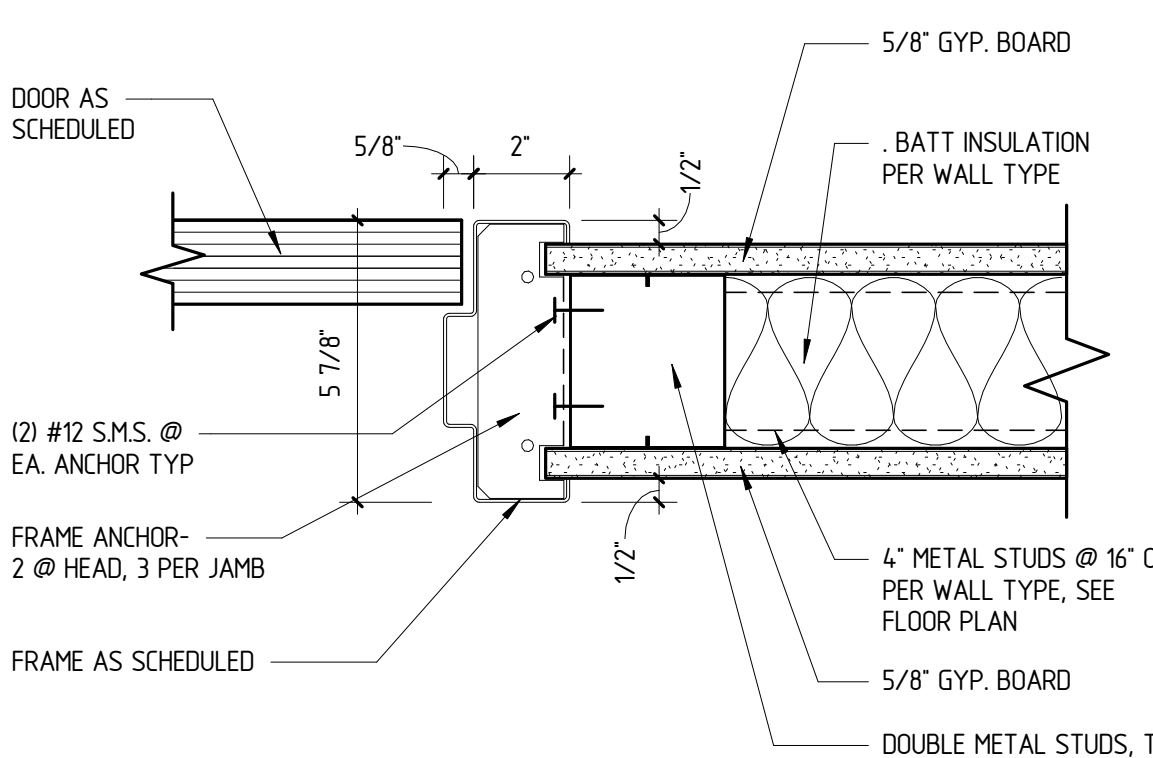
DOORS SCHEDULE

NUMBER	DOOR TYPE	WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	FINISH	FRAME MATERIAL	FINISH	HARDWARE	FIRE RATING	DETAILS				DOOR REMARKS
											HEAD	JAMB (A)	JAMB (B)	THRESHOLD	
Z38A	1	3'-0"	7'-0"	1 3/4"	WD	PT	AL	PT	-	-	12/AZ01A	13/AZ01A	12/AZ01A ep	14/AZ01	
Z38B	1	3'-0"	7'-0"	1 3/4"	IE	IE	IE	IE	-	-	-	-	-	-	
Z38C	1	3'-0"	7'-0"	1 3/4"	IE	IE	IE	IE	-	-	-	-	-	-	
Z38D	1	3'-0"	7'-0"	1 3/4"	IE	IE	IE	IE	-	-	-	-	-	-	
Z39A	1	3'-0"	7'-0"	1 3/4"	WD	PT	AL	PT	-	-	12/AZ01A	13/AZ01A	12/AZ01A ep	14/AZ01	
Z39B	1	3'-0"	7'-0"	1 3/4"	WD	PT	AL	PT	-	-	12/AZ01A	13/AZ01A	12/AZ01A ep	14/AZ01	

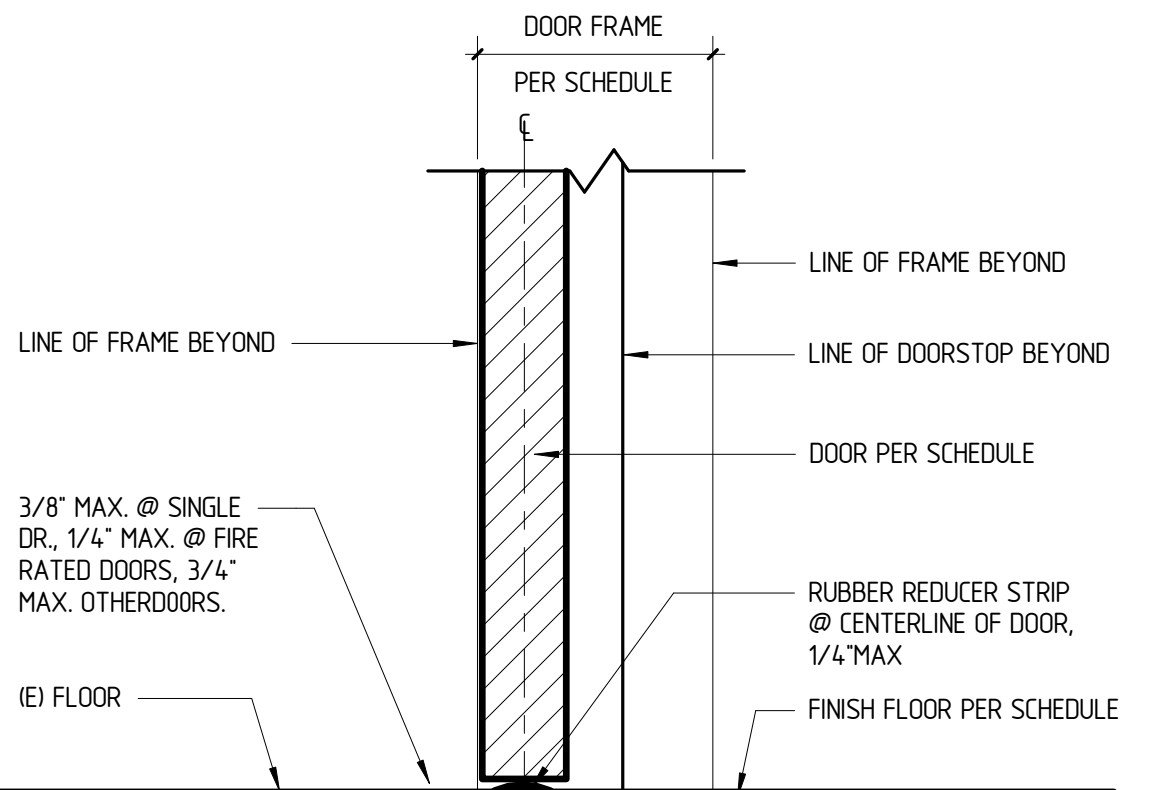
Grand total: 6



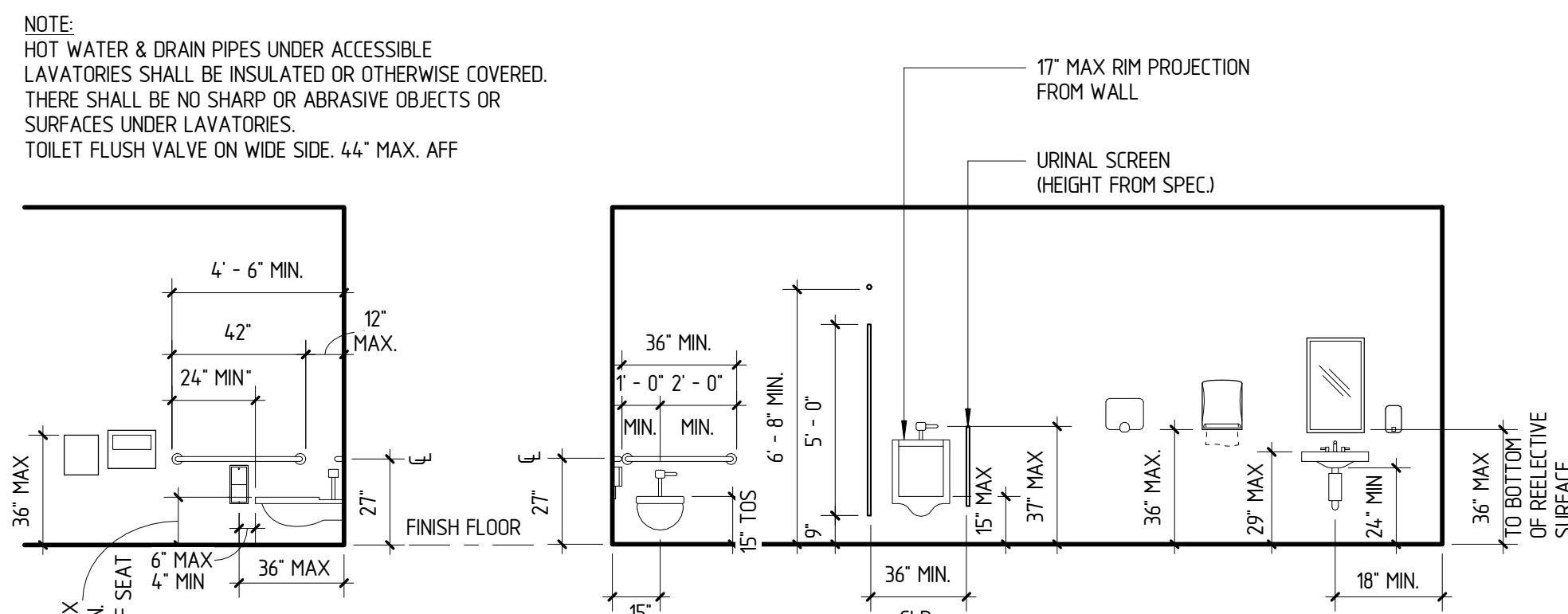
12 DOOR HEAD @ INTERIOR WALL
SCALE: 3" = 1'-0"



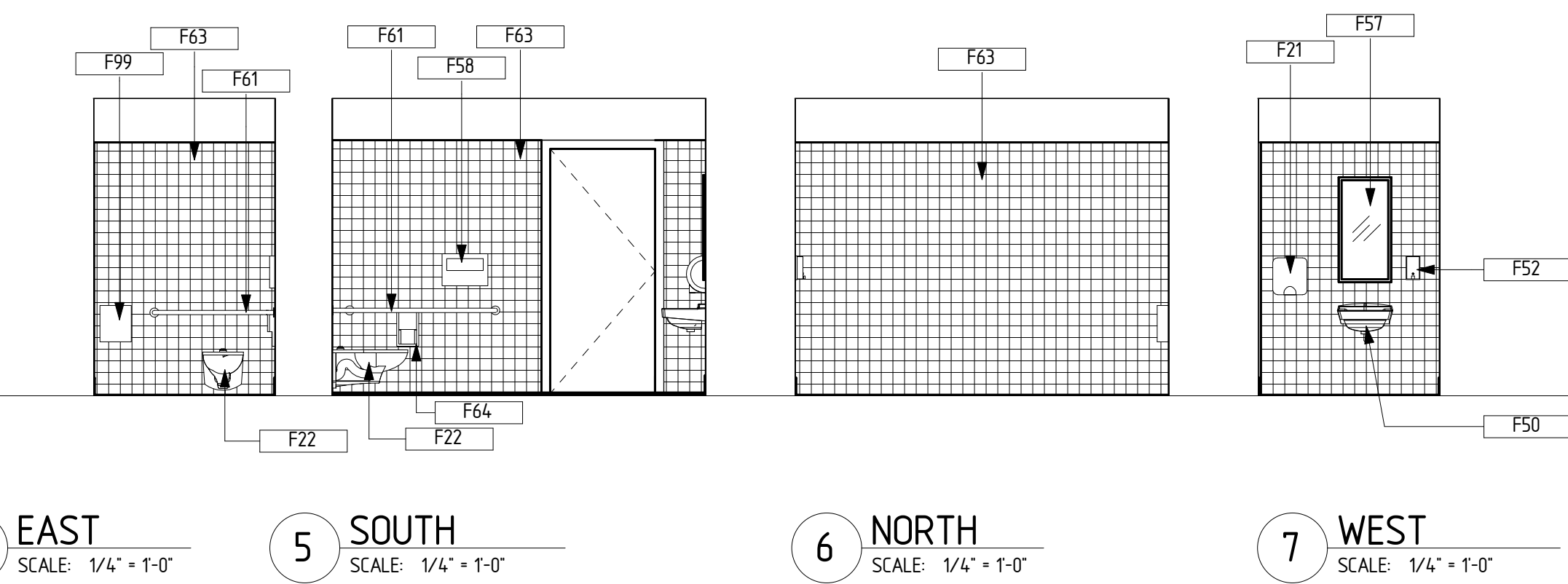
13 DOOR JAMB @ INTERIOR WALL
SCALE: 3" = 1'-0"



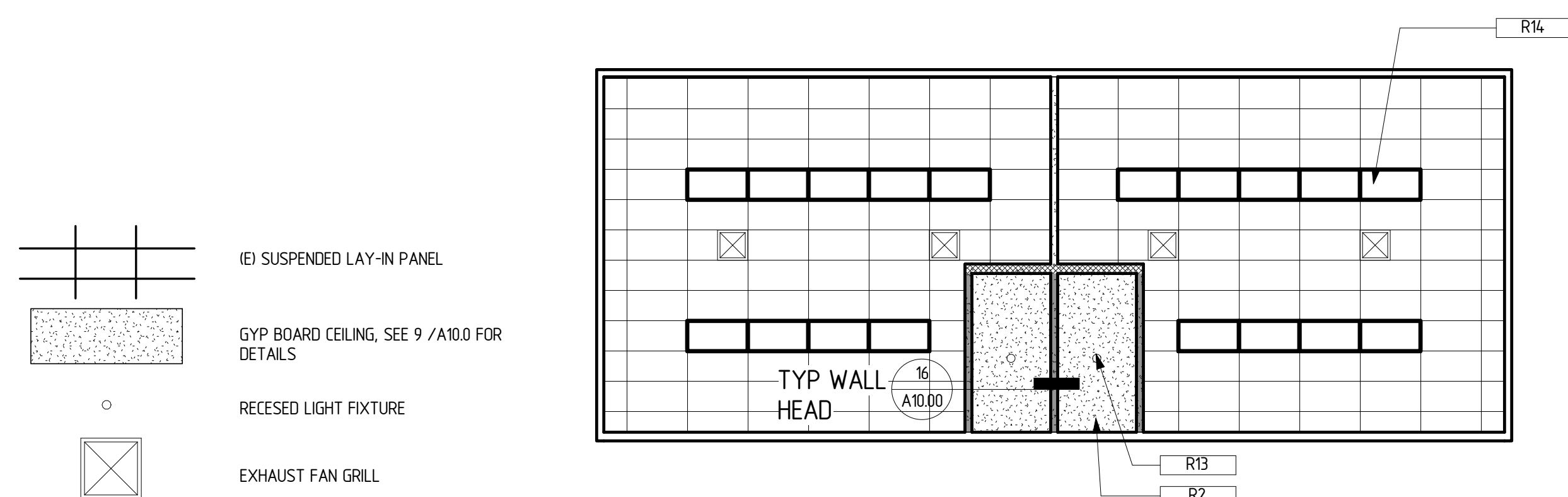
14 DOOR THRESHOLD @ INTERIOR WALLS
SCALE: 3" = 1'-0"



9 ACCESSIBLE RESTROOM FIXTURE MOUNTING HEIGHT - ELEMENTARY SCHOOL HEIGHT
SCALE: 1/4" = 1'-0"



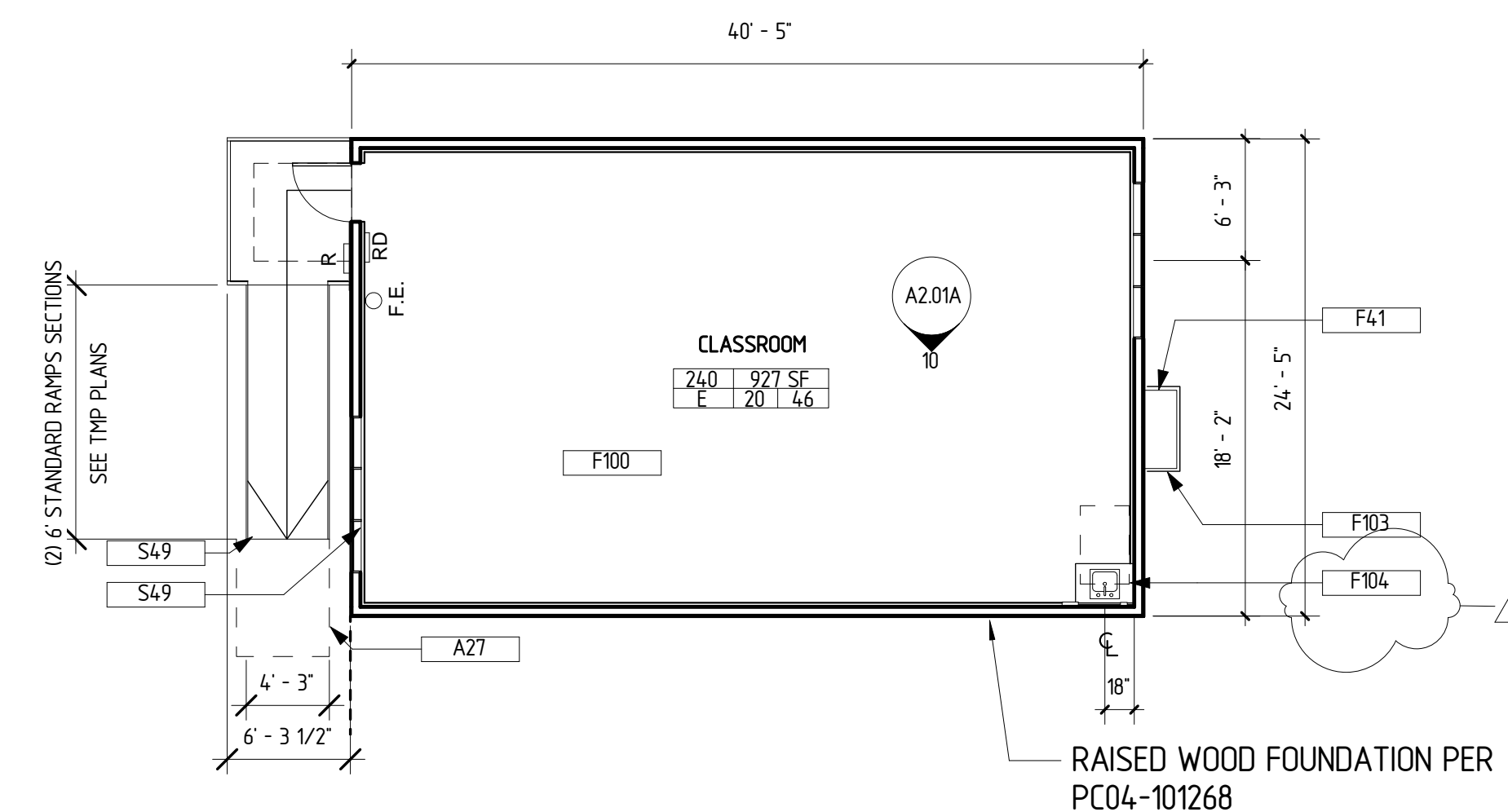
4 EAST SCALE: 1/4" = 1'-0"
5 SOUTH SCALE: 1/4" = 1'-0"
6 NORTH SCALE: 1/4" = 1'-0"
7 WEST SCALE: 1/4" = 1'-0"



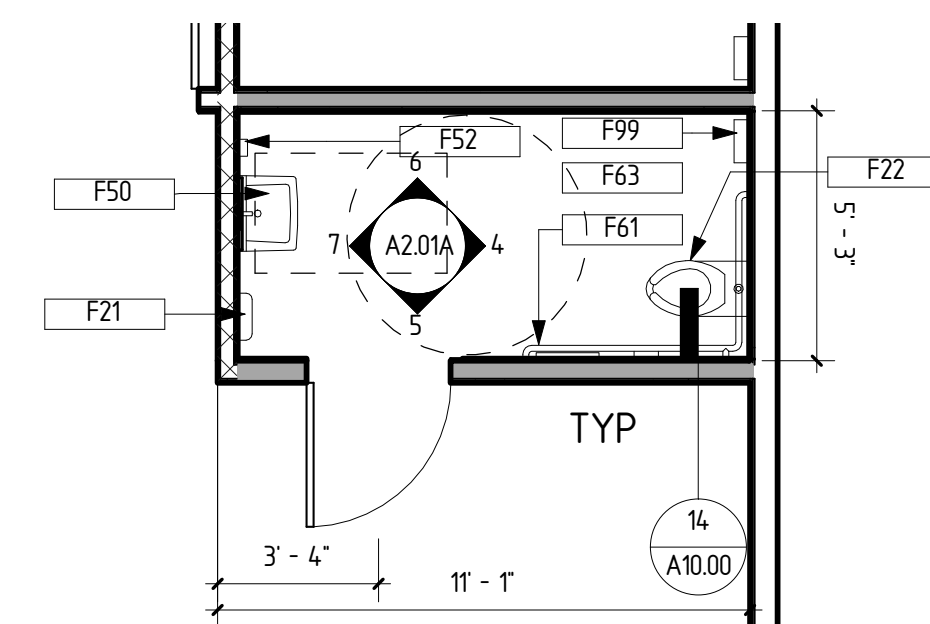
2 PORTABLES R9 CEILING PLAN
SCALE: 1/8" = 1'-0"



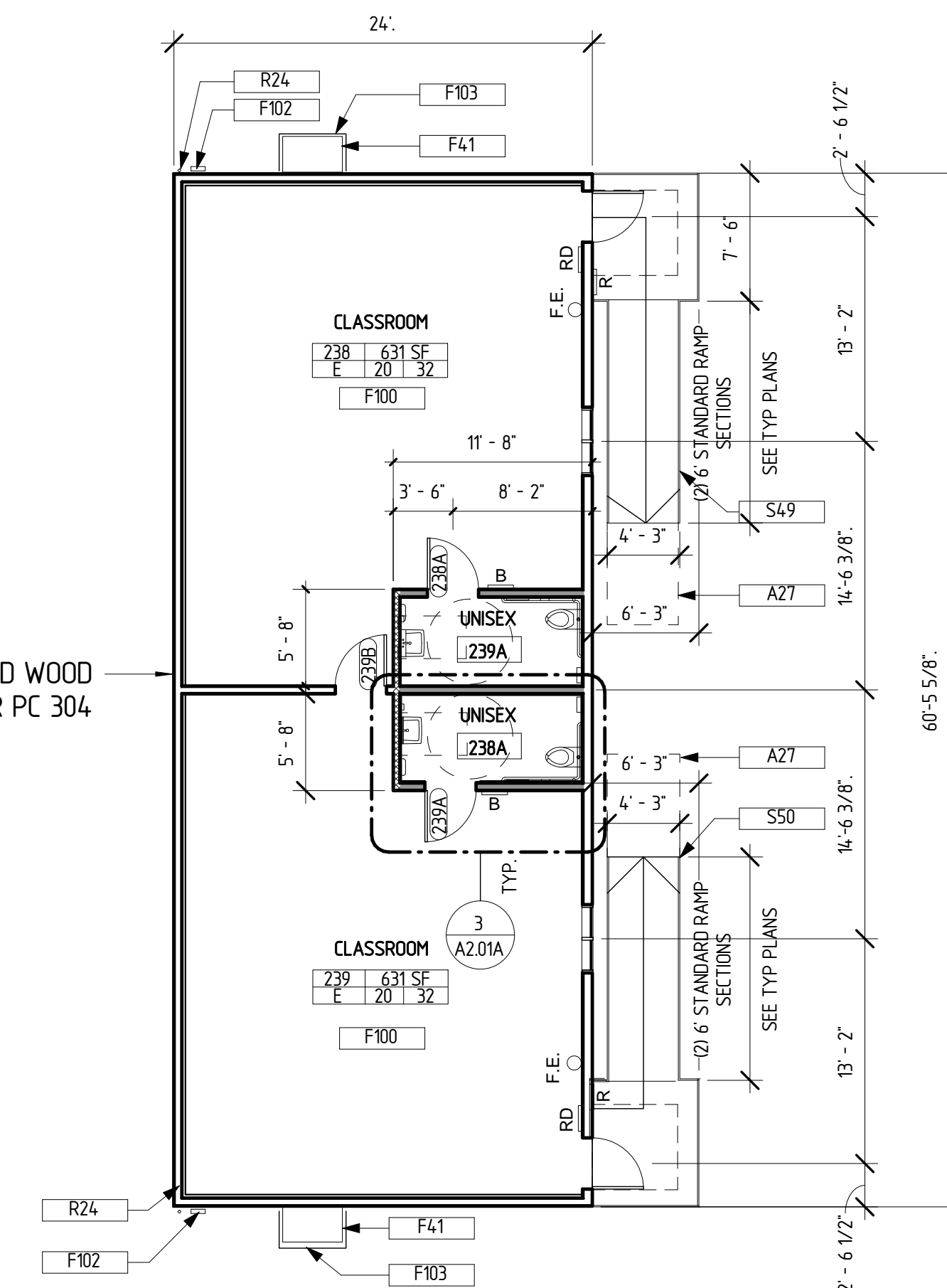
10 PORTABLE R7 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



8 PORTABLE R17 ENLARGED FLOOR PLAN
SCALE: 1/8" = 1'-0"



3 ENLARGED UNISEX RESTROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 LEVEL 1 PORTABLES R9
SCALE: 1/8" = 1'-0"

KEY LEGEND

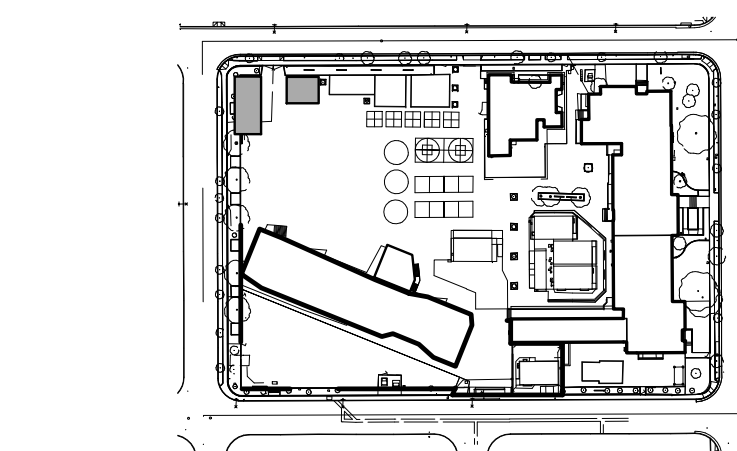
KEY	TEXT
A27	72\"/>
B	STEEL COLUMN
F21	SURFACE MOUNTED PAPER TOWEL DISPENSER
F22	FLOOR MOUNTED WATER CLOSET
F41	MECHANICAL UNIT
F50	LAVATORY - SEE 8/A10.00
F52	SOAP DISPENSER
F57	MIRROR
F58	SURFACE MOUNTED TOILET SEAT COVER DISPENSER
F61	GRAB BAR - SEE 4/A10.01 & 7/A10.01
F63	DPI AQUATILE TILE BOARD
F64	RECESSED TOILET PAPER DISPENSER
F99	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
F100	INI VCT FLOORING
F101	PAINTED GYPSUM BOARD
F102	IEI ELECTRICAL PANEL
F103	PROTECTIVE RAILING SEE 3/A0.02
F104	SINK AND LOWER CAB
R1	
R2	GYPSUM BOARD - SEE 9/A10.00
R3	
R4	
R5	ACCESS PANEL
R10	
R11	
R12	
R13	RECESSED DOWNLIGHT
R14	IEI RECESSED 2X4' LIGHT FIXTURE
R16	
R24	DOWNSPOUT
R25	
R40	
R43	
S49	TYP RAMP (PC 04-103584)
S50	TYP RAMP (PC 04-103584)

RD	IEI RAMP DOWN SIGNAGE, A# 15176
B	RESTROOM SIGNAGE, SEE 2/A10.00
R	IEI ROOM SIGNAGE, A# 15176
F.E.	IEI FIRE EXTINGUISHER A#315776

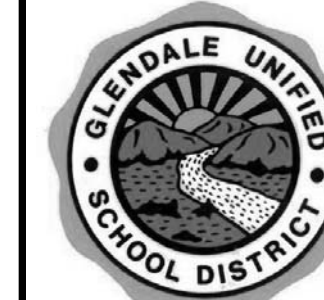
SIGNAGE LEGEND
SCALE: 12" = 1'-0"

(E) WALL
(N) 4\"/>
(N) 6\"/>

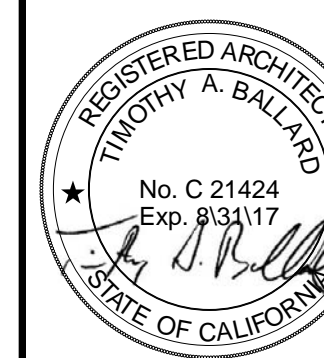
WALL LEGEND
NOT TO SCALE



KEY PLAN
SCALE: 1" = 200'-0"



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FRANKLIN PORTABLES
BENJAMIN FRANKLIN ELEMENTARY SCHOOL
100 LAKE STREET, GARDENA, CA 90247

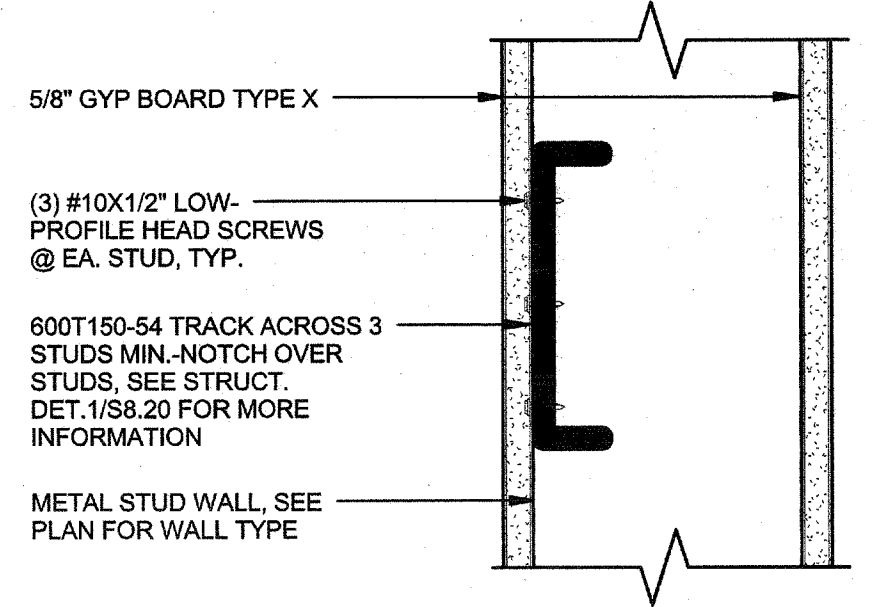


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STATE OF CALIFORNIA

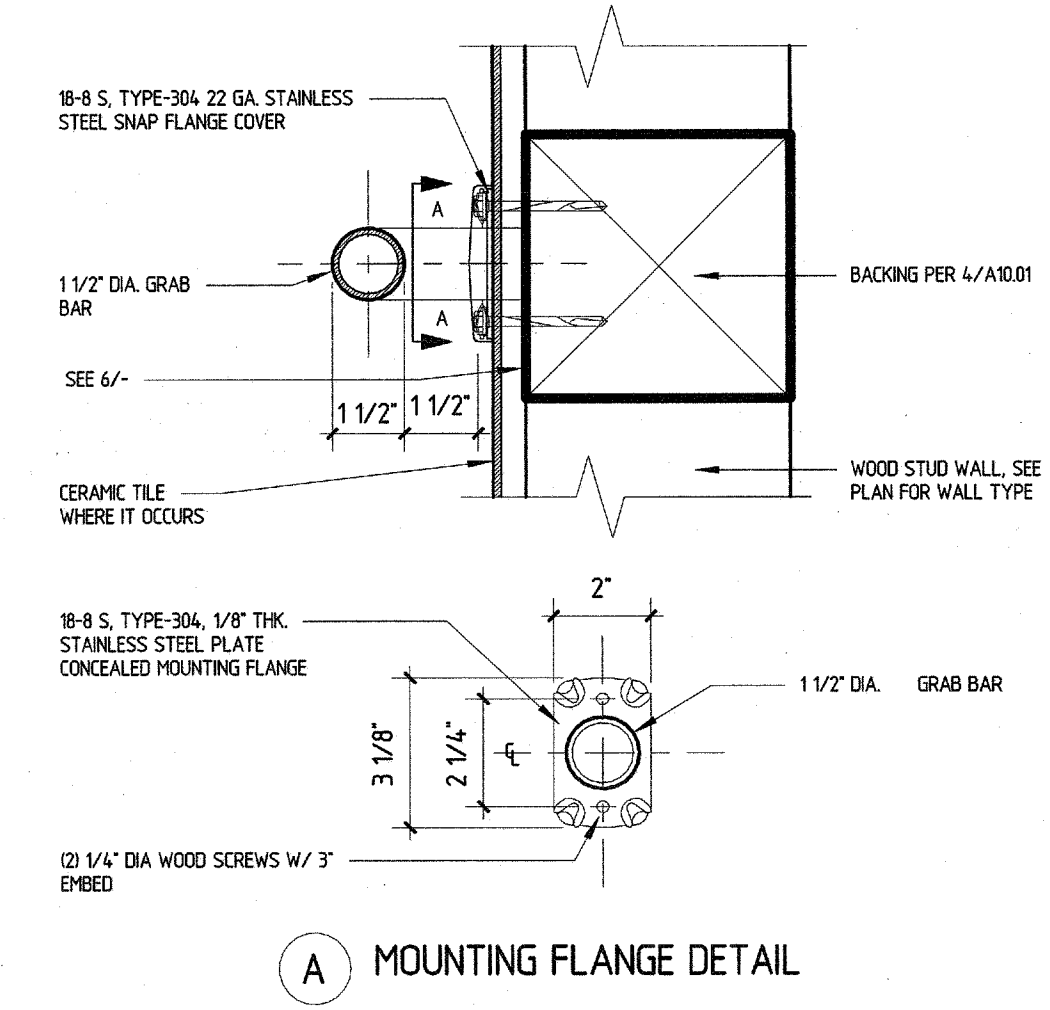
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DATE: 161-15045
NO: 06.01.16
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SIGNAGE & WALL DETAILS

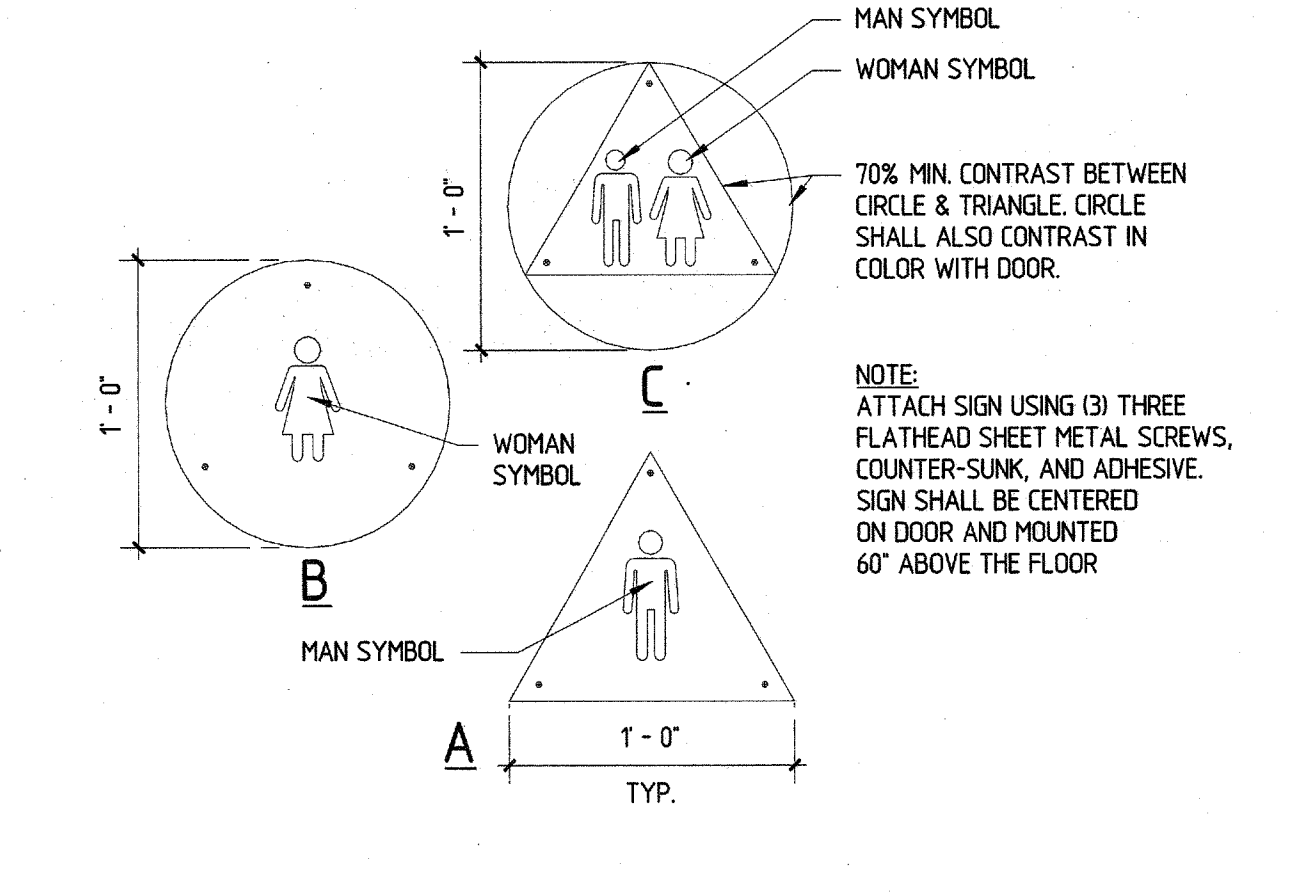
A10.00



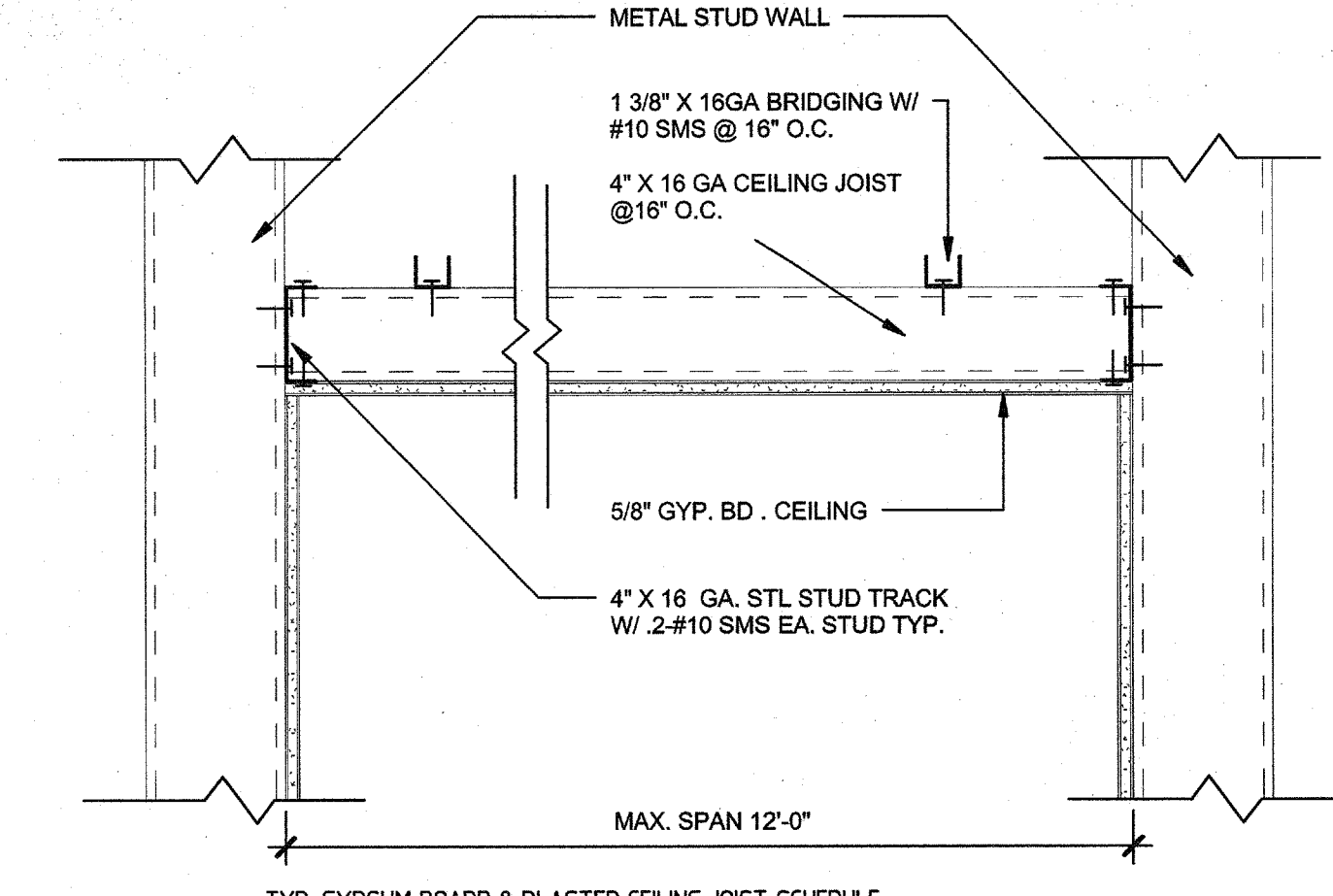
11 TYPICAL STUD WALL BACKING
SCALE: 3" = 1'-0"



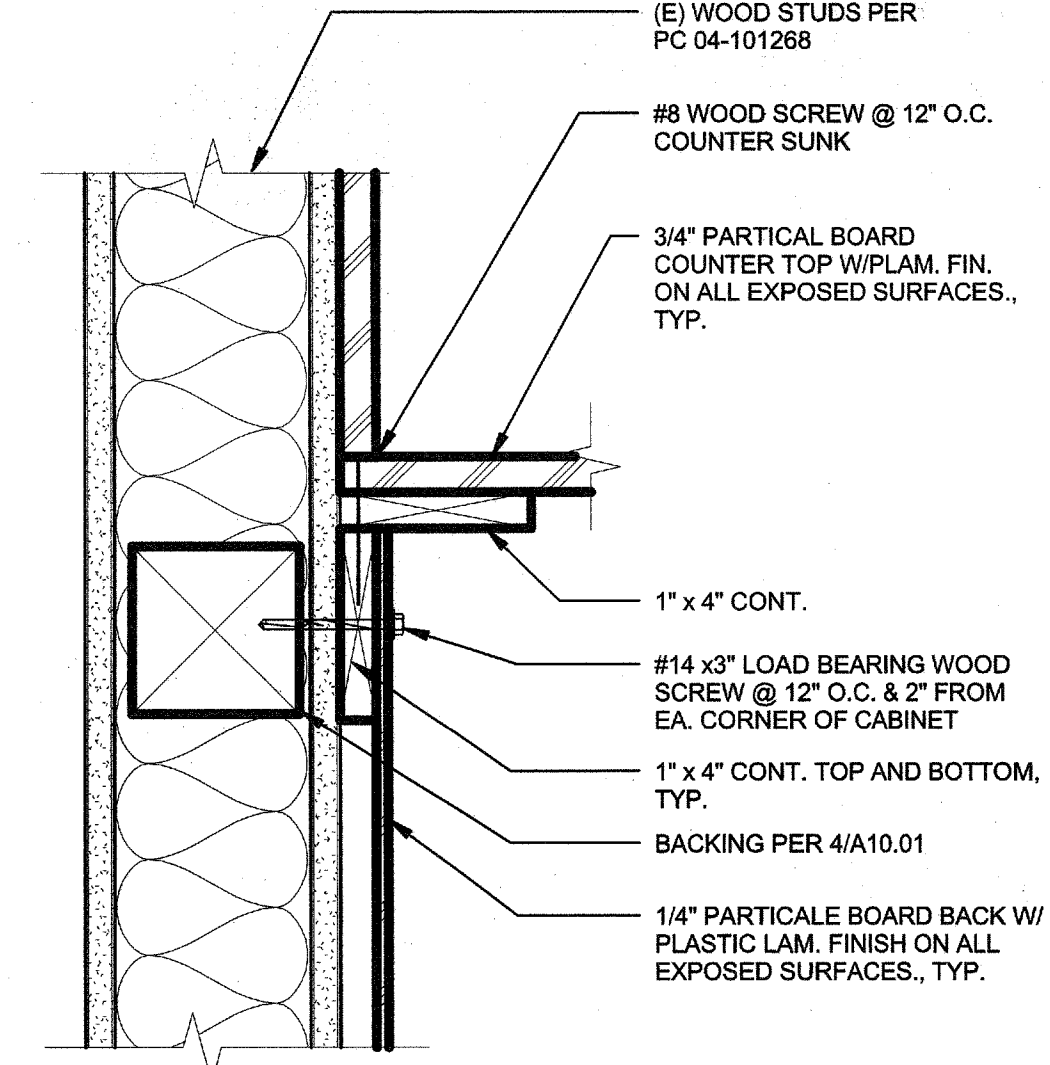
10 GRAB BAR @ WOOD STUD WALL
SCALE: 3" = 1'-0"



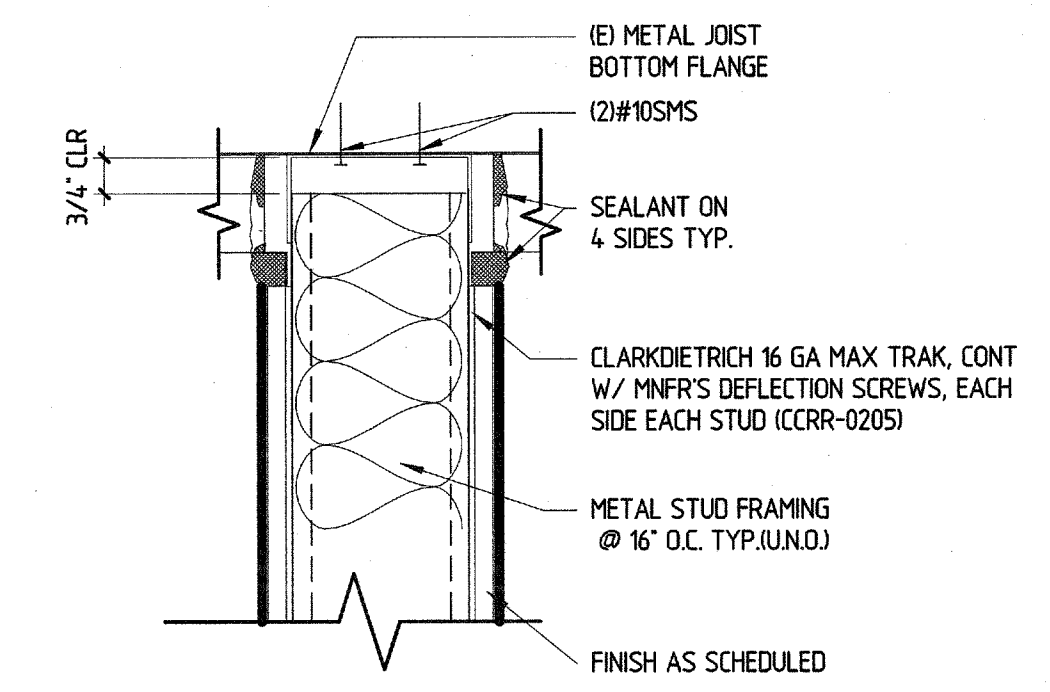
3 RESTROOM SIGNS (NON-TACTILE)
SCALE: 1 1/2" = 1'-0"



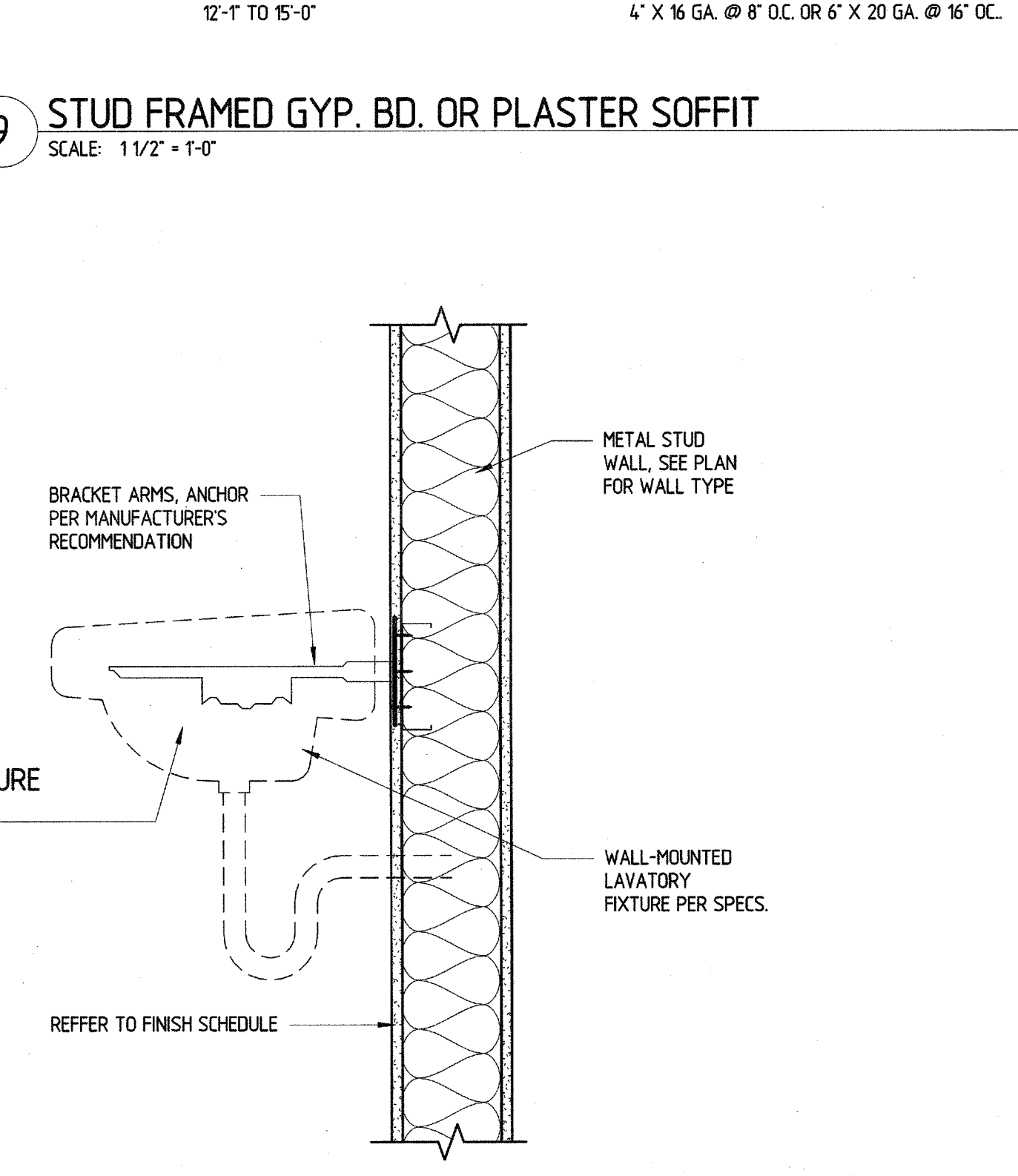
9 STUD FRAMED GYP. BD. OR PLASTER SOFFIT
SCALE: 1 1/2" = 1'-0"



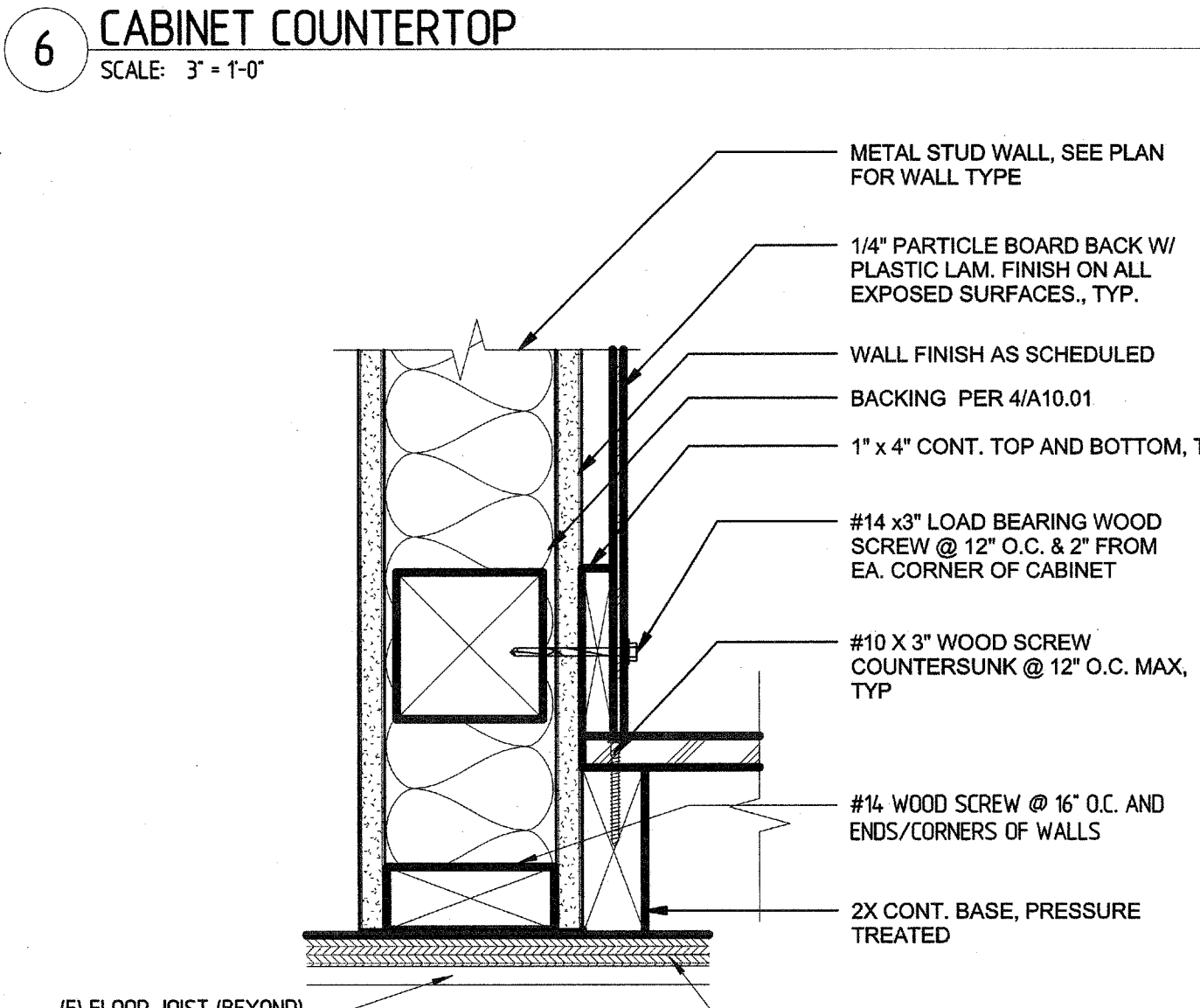
6 CABINET COUNTERTOP
SCALE: 3" = 1'-0"



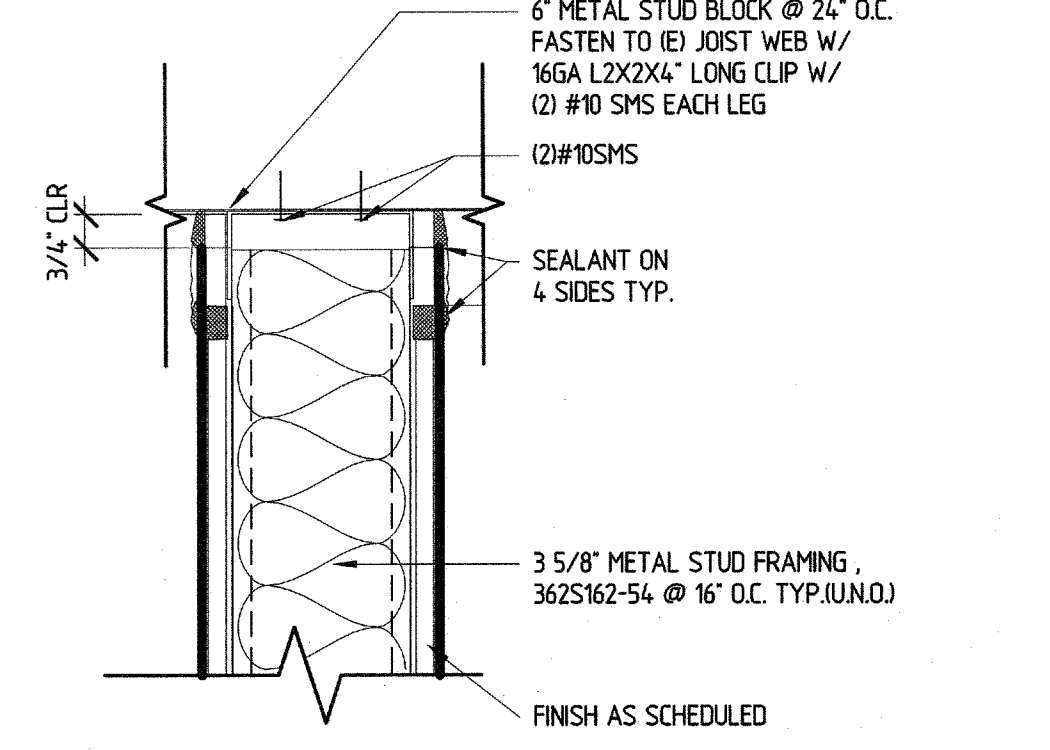
16 STUD WALL DETAIL PARALLEL TO (E) JOIST
SCALE: 3" = 1'-0"



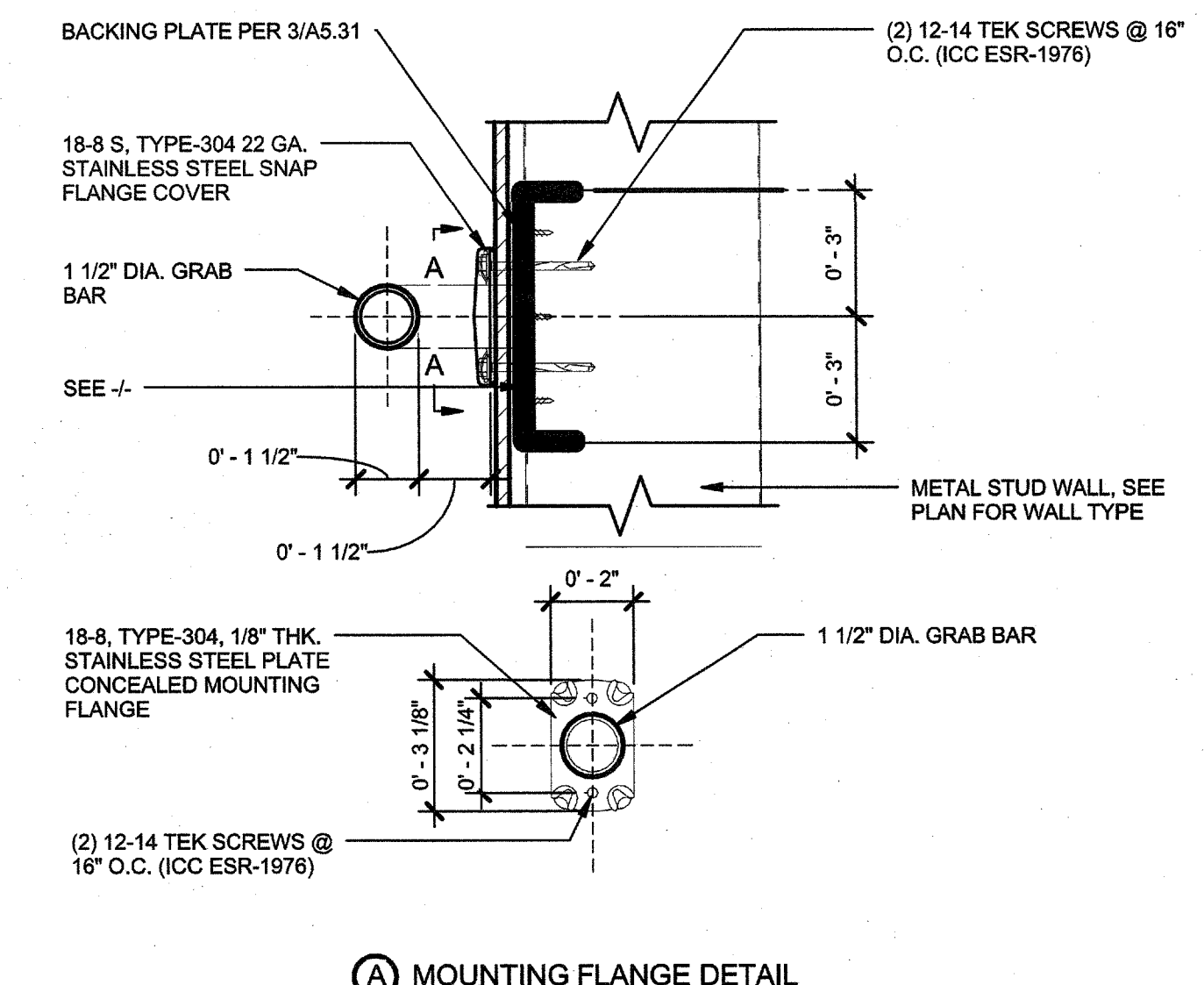
8 ANCHORAGE FOR LAVATORY
SCALE: 1 1/2" = 1'-0"



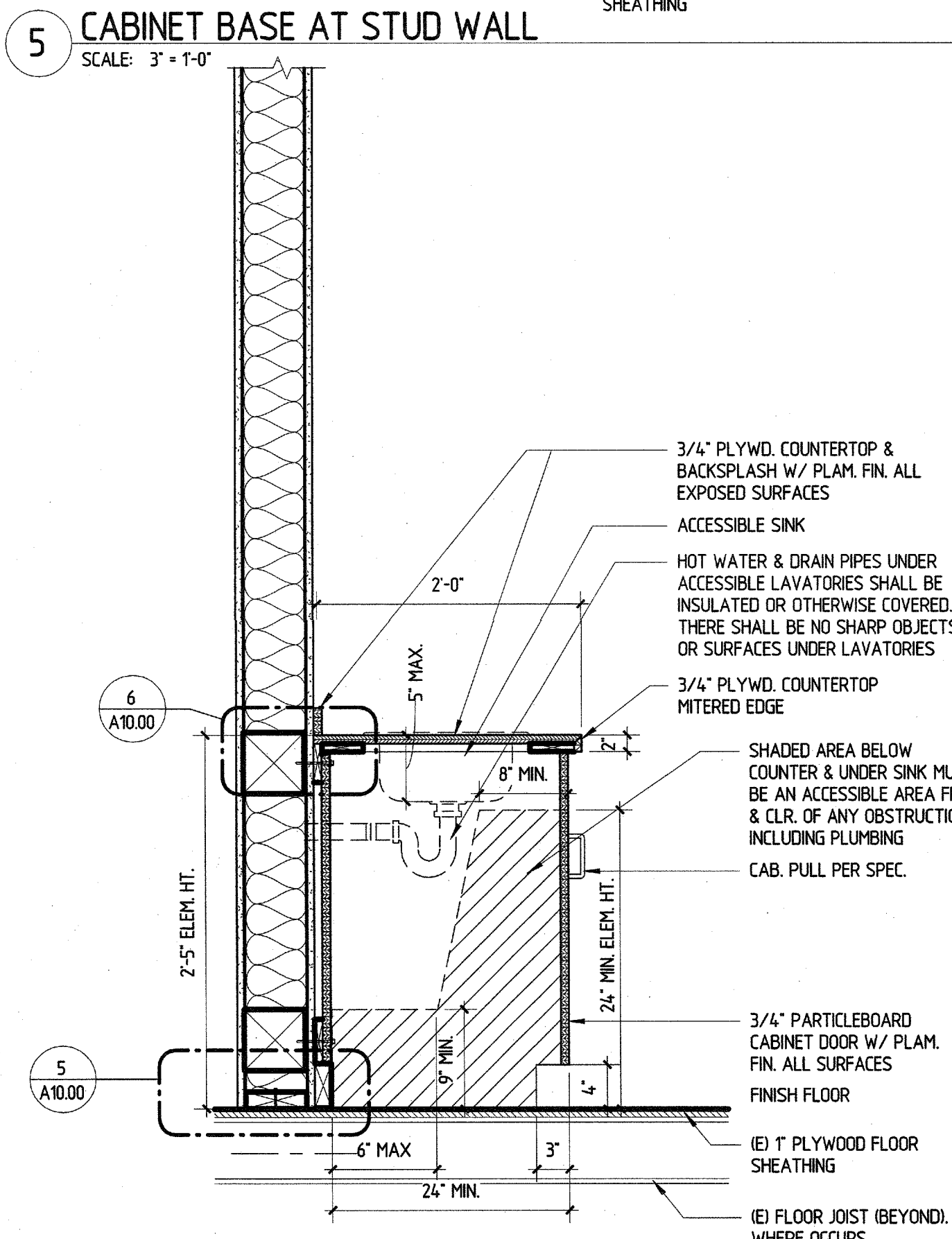
5 CABINET BASE AT STUD WALL
SCALE: 3" = 1'-0"



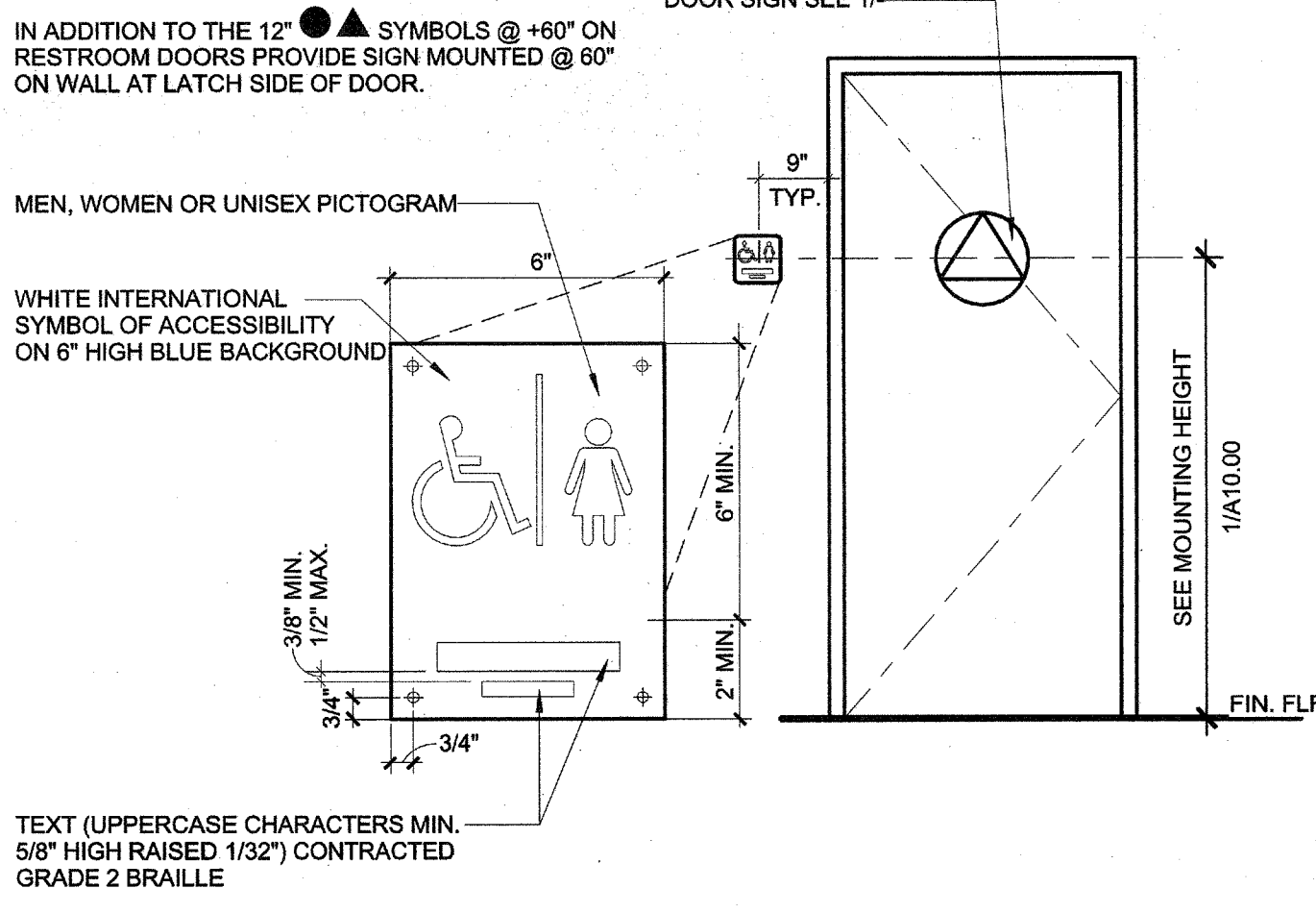
15 STUD WALL DETAIL PERPENDICULAR TO (E) JOIST
SCALE: 3" = 1'-0"



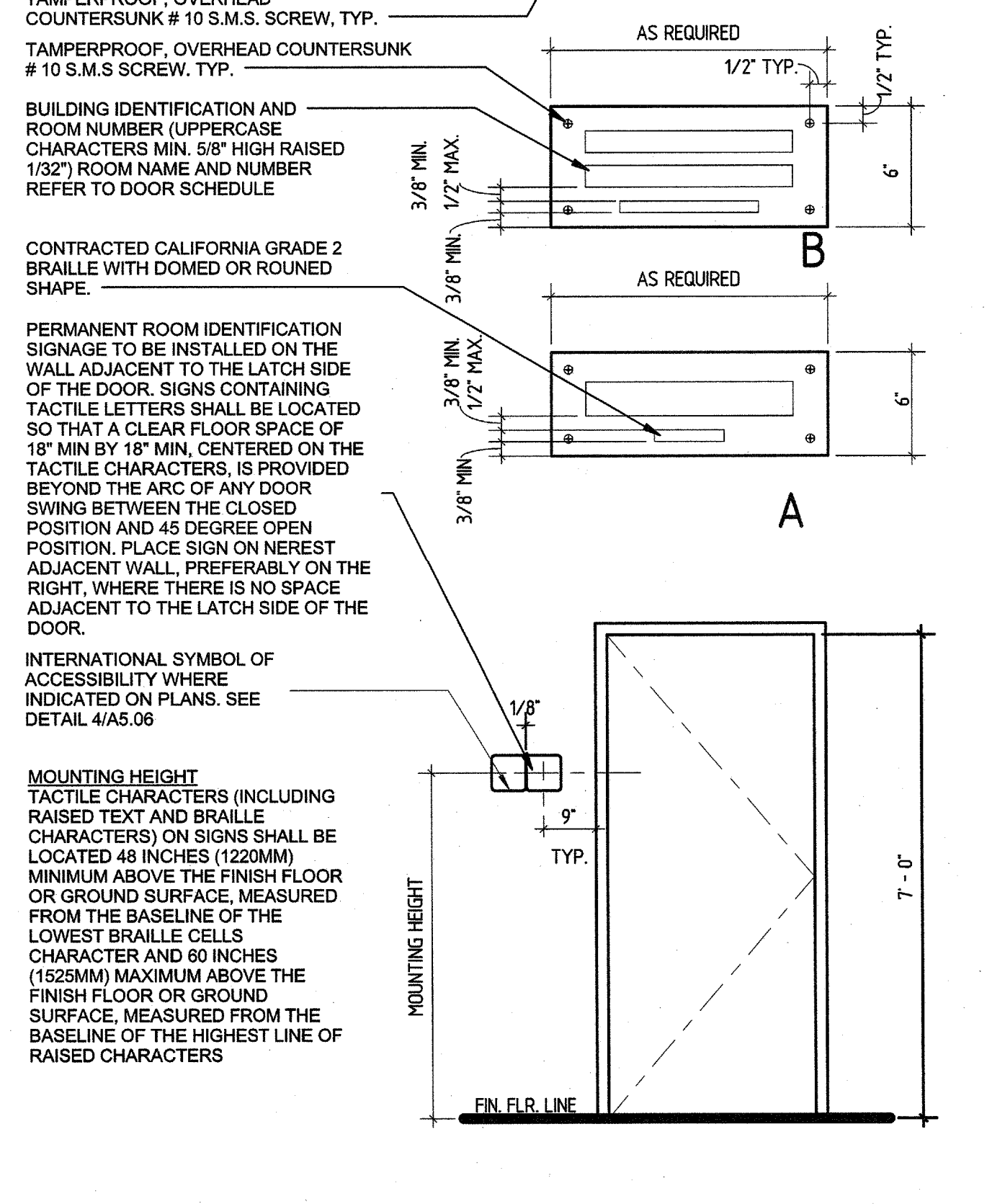
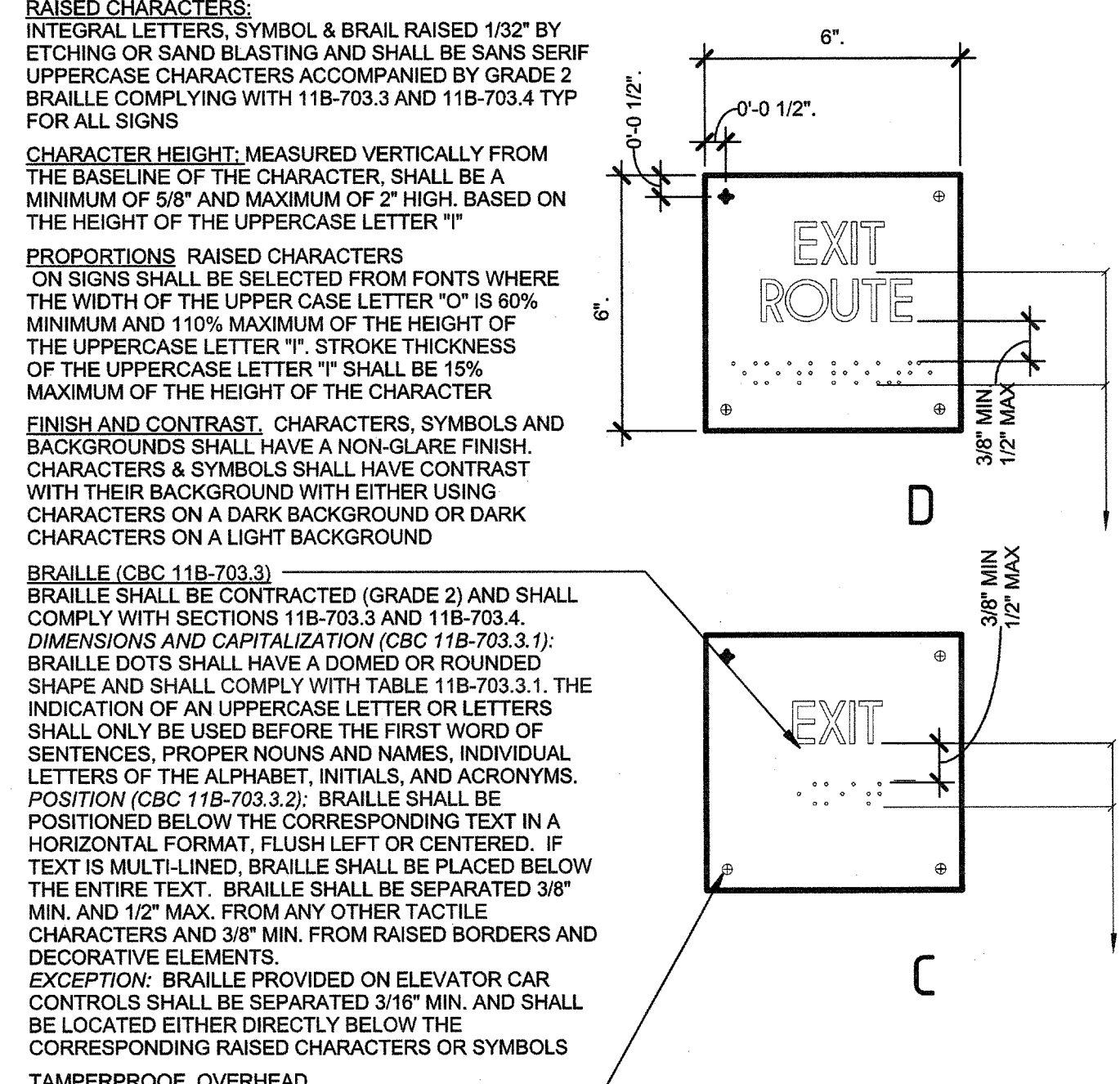
7 GRAB BAR
SCALE: 3" = 1'-0"



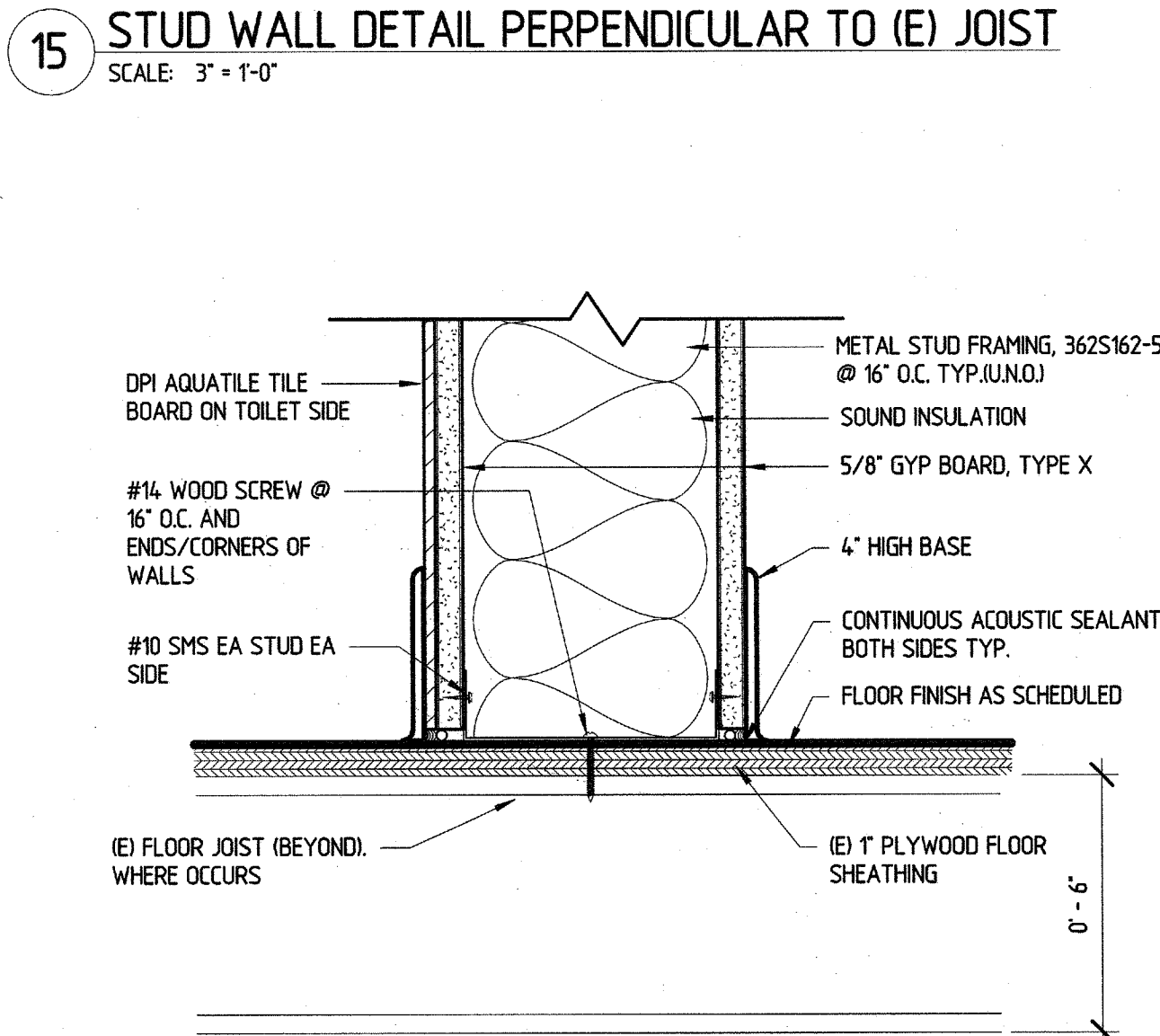
4 BASE W/ ACCESSIBLE SINK + UPPER CABINET
SCALE: 1" = 1'-0"



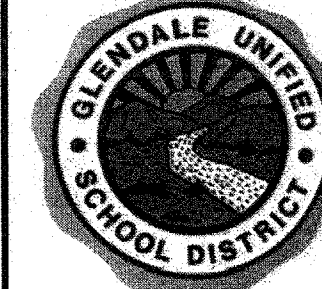
2 RESTROOM SIGNAGE ELEVATION
SCALE: 1/2" = 1'-0"



1 PERMANENT ROOM SIGN ELEVATION
SCALE: NTS

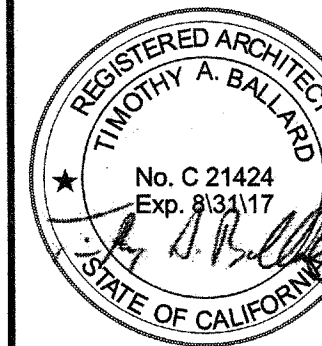


14 STUD WALL DETAIL @ BOTTOM
SCALE: 3" = 1'-0"



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BENJAMIN FRANKLIN ELEMENTARY SCHOOL
1610 LANE STREET, GLENDALE, CA 91201



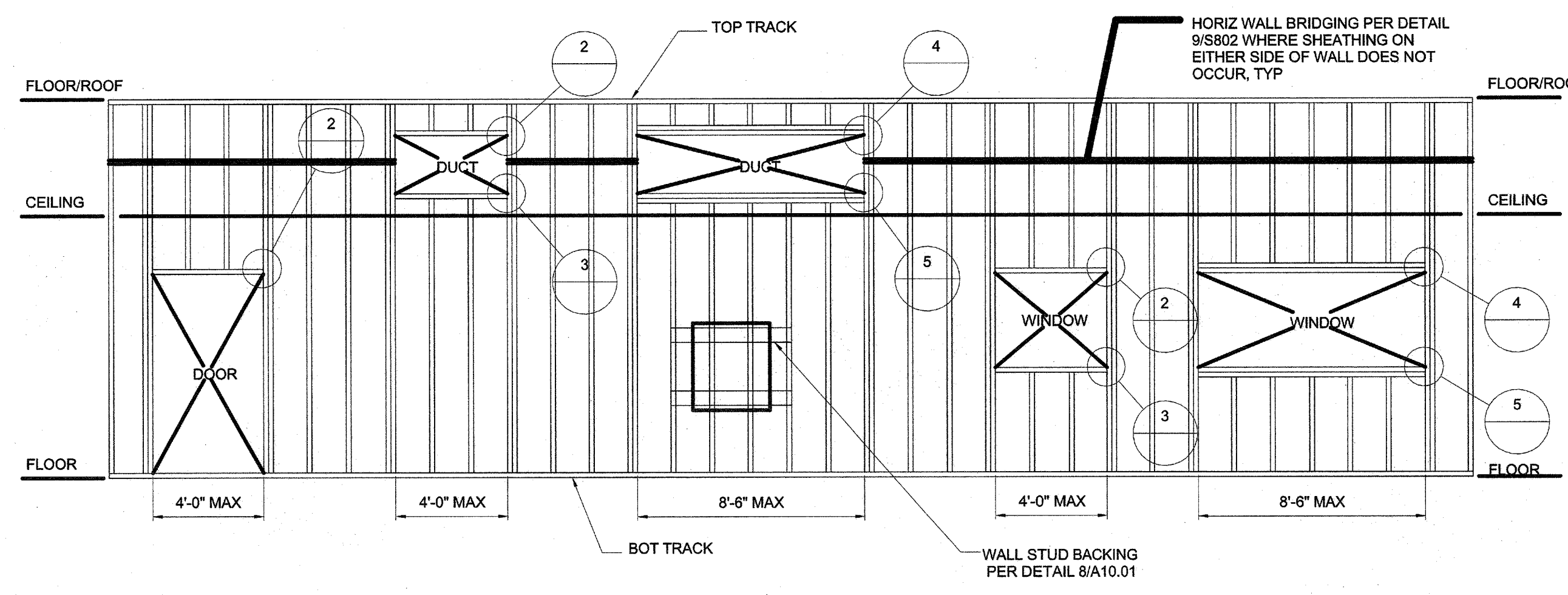
NAC ARCHITECTURE
871 N. SPRING STREET | LOS ANGELES, CA 90012 | (323) 476-8091 | (323) 476-8091

NAC NO. 161-15045
DATE: 06.01.16
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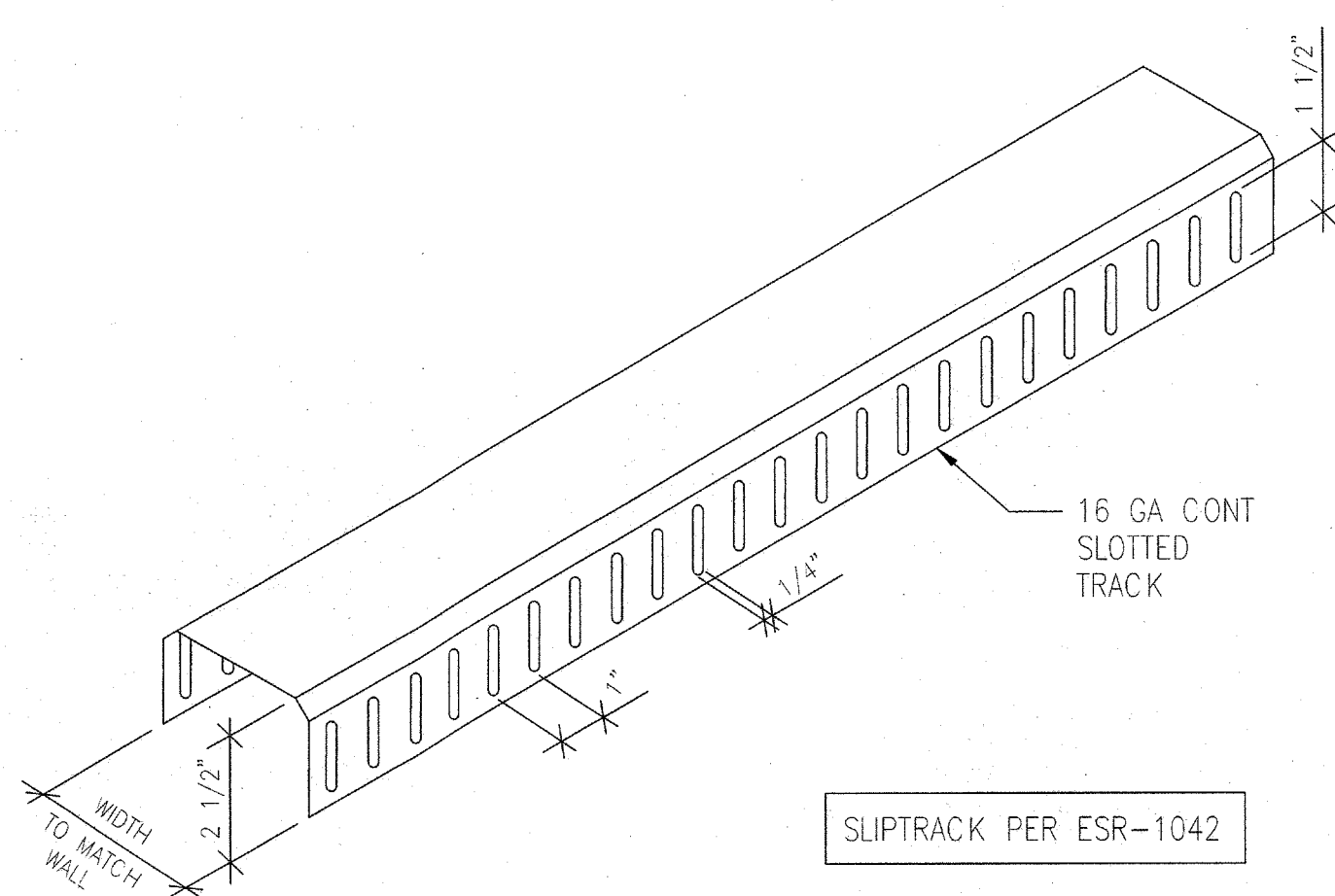
WALL DETAILS

- NOTES:
1. ALL METAL STUD FRAMING SHALL BE IN COMPLIANCE WITH SSMA - STEEL STUD MANUFACTURERS ASSOCIATION (CSO ER-4949P).
 2. ALL METAL STUD MEMBERS SHALL COMPLY WITH THE MINIMUM SECTION PROPERTIES AS INDICATED IN THE SCHEDULE (UNO).
 3. SEE ARCHITECTURAL DRAWINGS FOR DEPTH AND LOCATION OF WALLS.
 4. AT WALL MOUNT EQUIPMENT USE 16GA WALL STUD PROPERTIES.
 5. BACK-TO-BACK STUDS SHALL BE ATTACHED TO EACH OTHER W/ (2) #10 SMS @12" O.C.

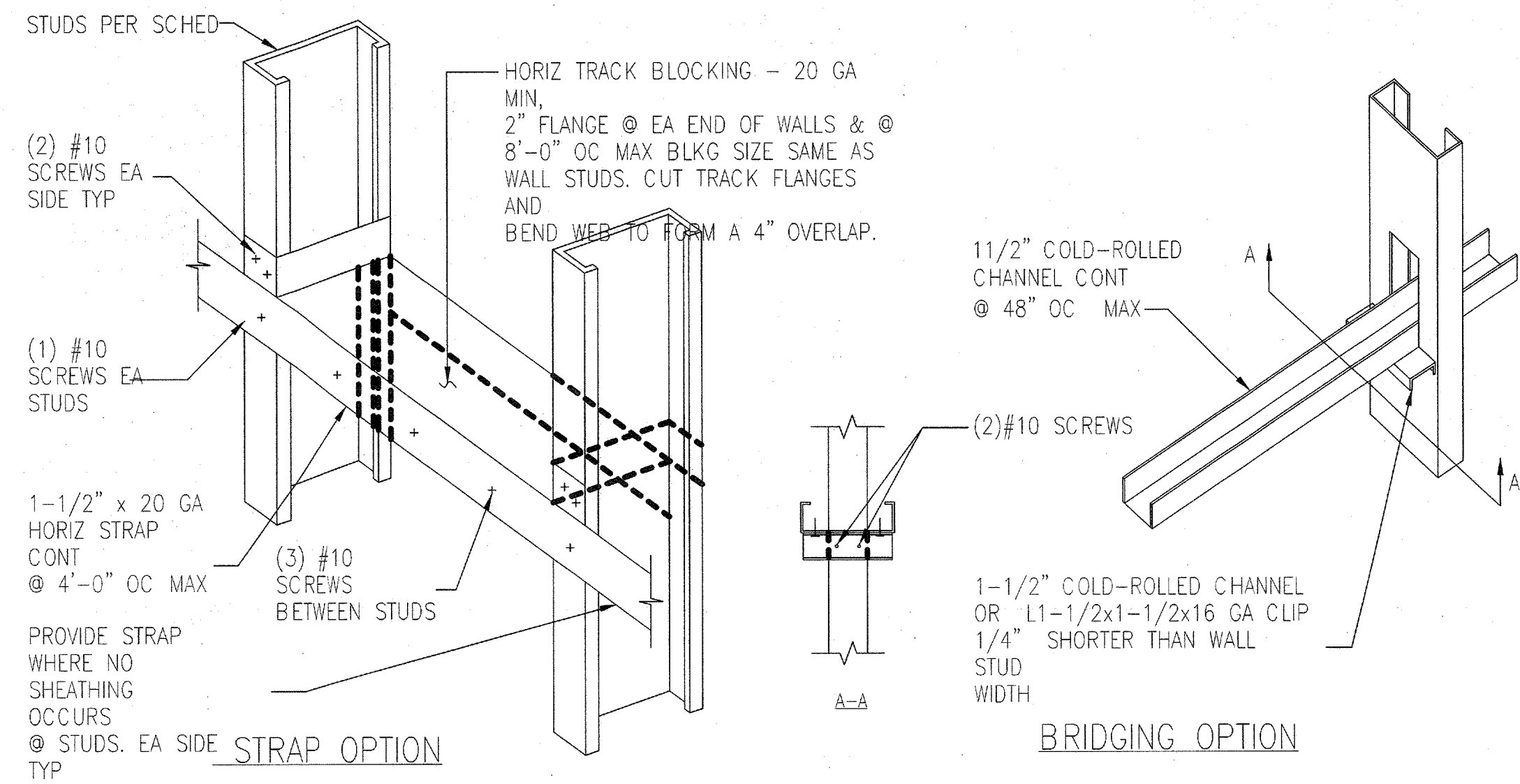
TYPICAL WALL STUD PROPERTIES	DEPTH/THICKNESS	FLANGE WIDTH	GROSS AREA (in ²)	EFFECTIVE S _{xx} (in ⁴)	EFFECTIVE I _{xx} (in ⁶)
4" WALL STUDS @ 16" OC MAX	4"	18 GA	1.5/8"	0.357	0.443
C-STUD	4"	18 GA	1.1/2"	0.315	0.293
TOP TRACK	4"	18 GA	1.1/2"	0.315	0.293
BOTTOM TRACK	4"	18 GA	1.1/2"	0.315	0.293
SLIP TRACK	PER DETAIL 10/A10.01				



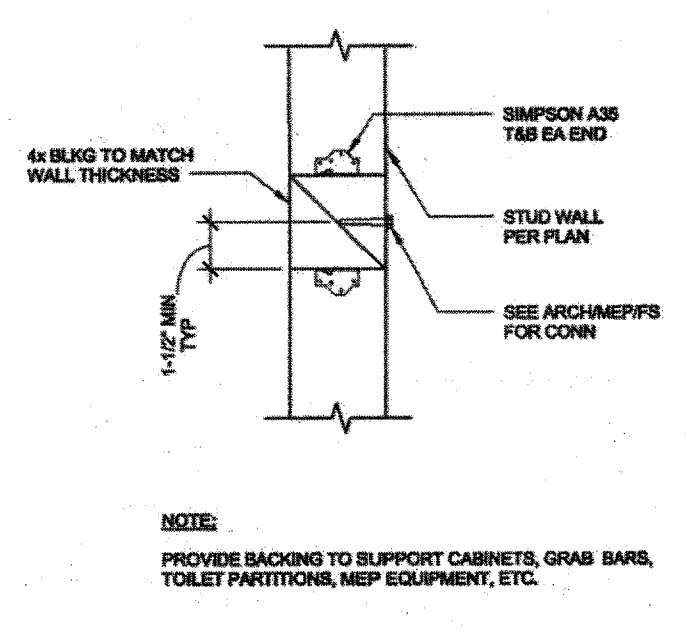
1 TYPICAL INTERIOR METAL STUD WALL FRAMING
SCALE: 1/4" = 1'-0"



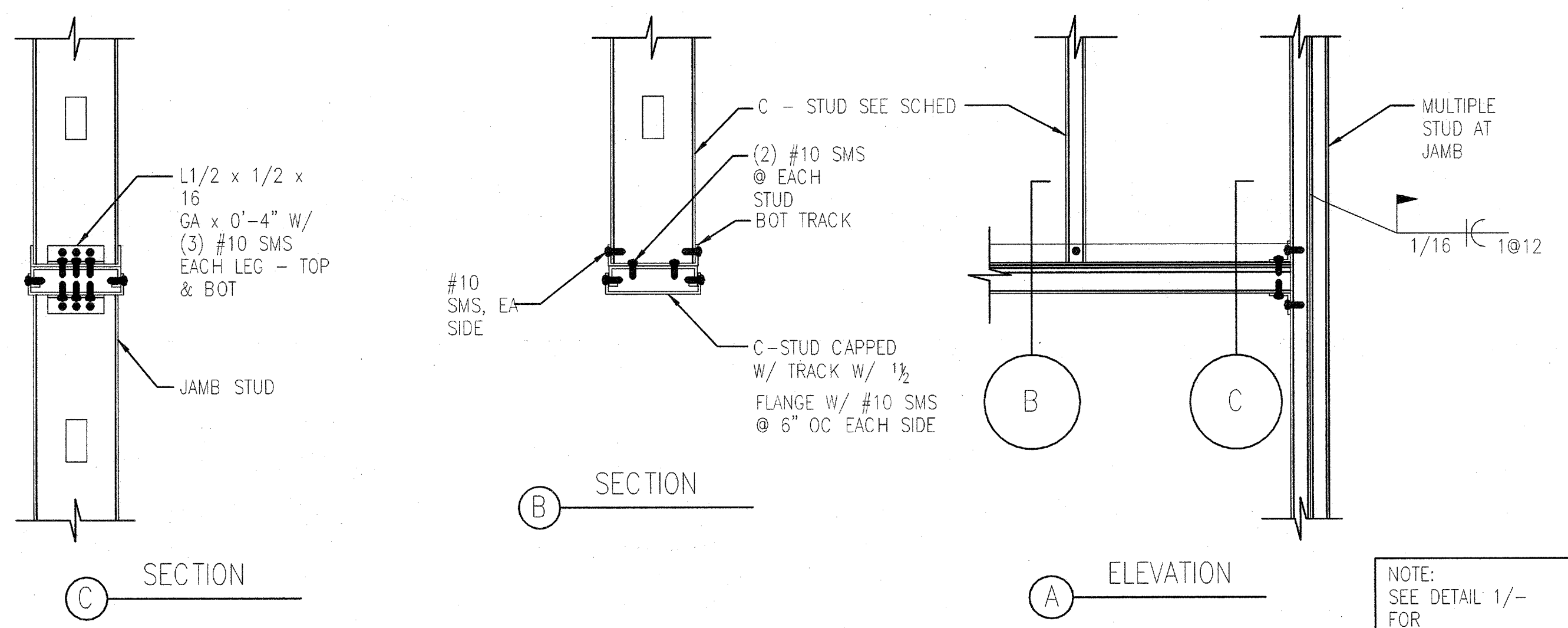
10 INTERIOR TRACK DETAIL
SCALE: 1" = 1'-0"



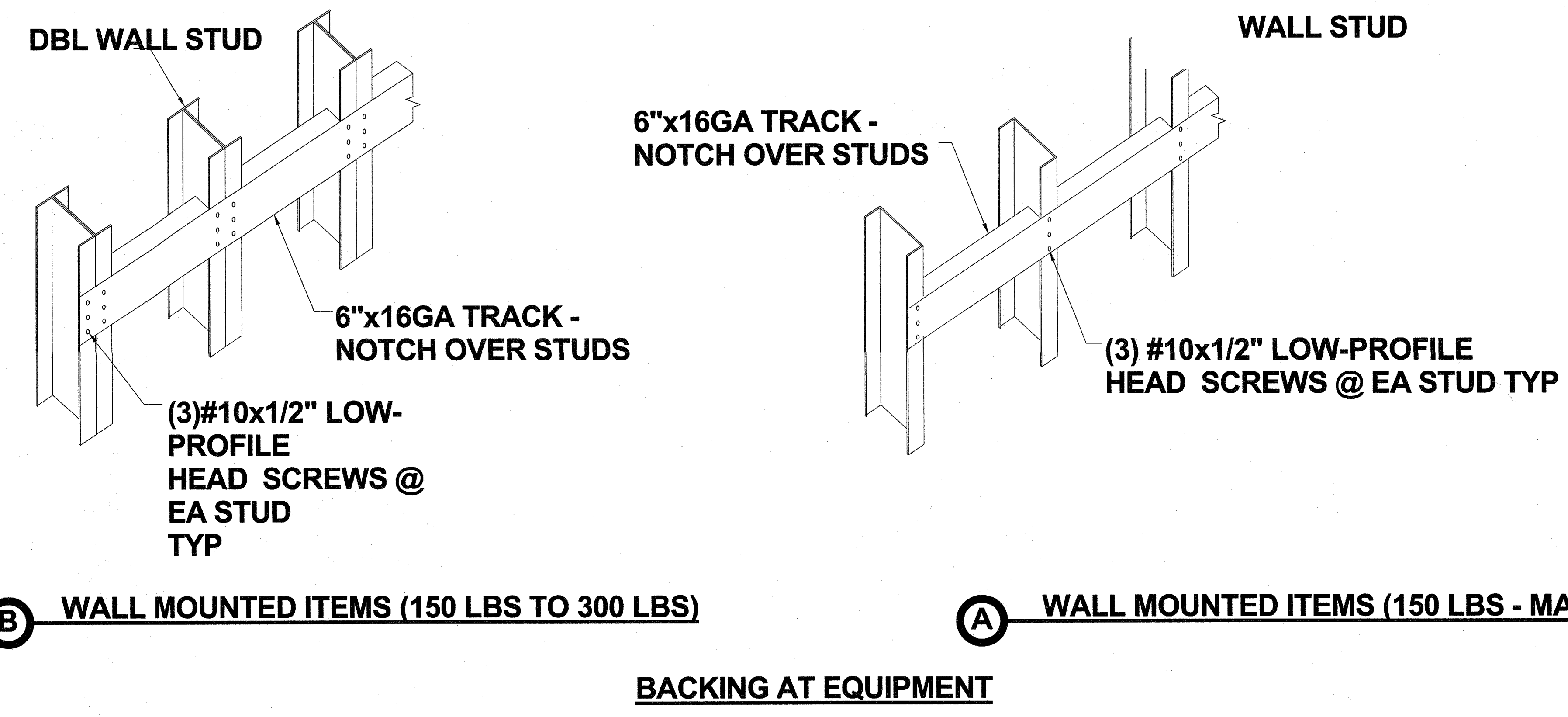
9 METAL STUD BRIDGING DETAILS
SCALE: 1" = 1'-0"



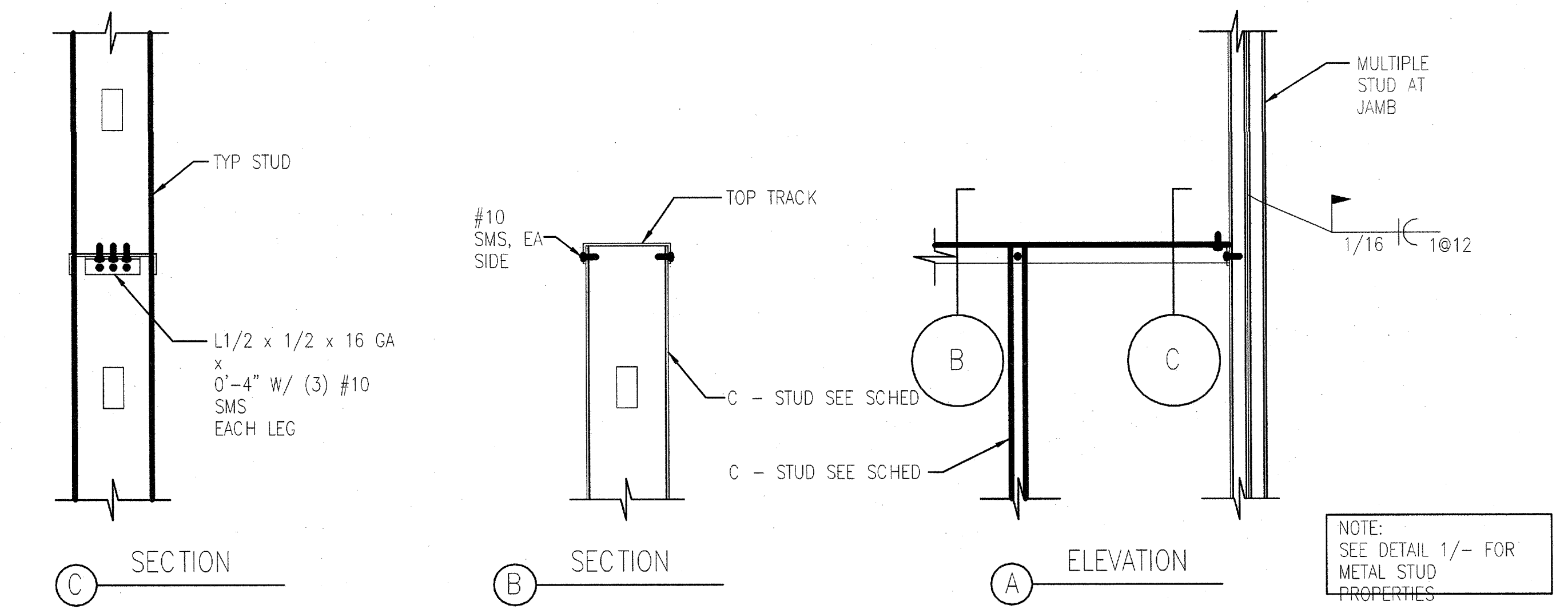
4 TYPICAL WOOD BACKING DETAIL
SCALE: 1/2" = 1'-0"



3 HEADER & JAMB DETAIL FOR 4'-0" MAX OPENING
SCALE: 1/2" = 1'-0"



8 METAL STUD BACKING DETAILS
SCALE: 1" = 1'-0"



2 SILL & JAMB DETAIL FOR 4'-0" MAX OPENING
SCALE: 1/2" = 1'-0"

GENERAL NOTES:

- 1. ALL WORK DETAIL ON THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," (LATEST EDITION AND SUPPLEMENTS), THE UNIFORM BUILDING CODE (FOR EXCAVATION AND GRADING), AMERICAN PUBLIC WORKS ASSOCIATION (APWA) STANDARD PLANS, CALIFORNIA BUILDING CODE (CBC) (LATEST EDITION).

NOTICE TO CONTRACTORS:

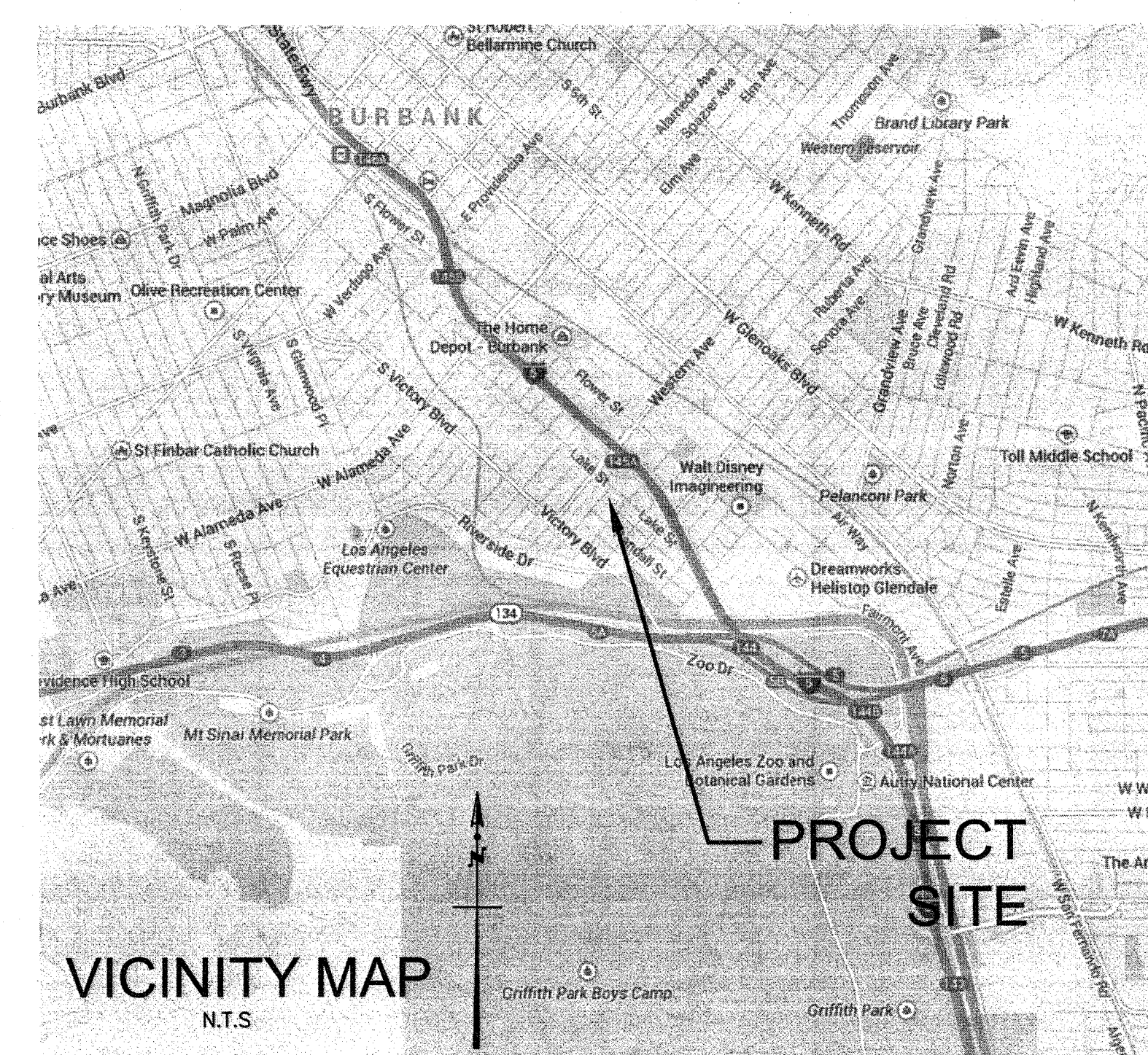
- 1. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING AND DRAINAGE WORK. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED BY THE ENGINEER.

GEOTECHNICAL NOTES:

- A. PARTICLES LARGER THAN 3 INCHES IN DIAMETER SHALL NOT BE ALLOWED IN THE BACKFILL MATERIAL.
- B. THE PROPOSED REINFORCED CONCRETE SLAB PAD SUBGRADES SHOULD BE REMOVED TO A DEPTH AS RECOMMENDED IN THE HEREIN REFERENCED GEOTECHNICAL REPORT, AND REPLACED WITH NON-EXPANSIVE SOILS, MOISTENED OR DRIED TO ITS OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO 90 PERCENT OF ITS MAXIMUM DRY DENSITY.

CIVIL ABBREVIATIONS:

Table with 3 columns: Abbreviation, Description, and Unit/Measure. Includes terms like ADA (AMERICAN DISABILITY ACT), AC (ASPHALT CONCRETE), BC (BEGIN CURVE), etc.



SHEET INDEX

Table listing sheet numbers and titles: C101 TITLE SHEET AND GENERAL NOTES, C102 GENERAL NOTES, C103 TOPOGRAPHICAL SURVEY, etc.

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS (APPLICATION NO. A# FILE NO. 19-41)

Form for STATEMENT OF GENERAL CONFORMANCE with signature lines for architect and engineer, and license information.

CALIFORNIA CODE OF REGULATIONS:

APPLICABLE CODES AS OF JANUARY 1, 2014
2013 BUILDING STANDARDS ADMINISTRATIVE CODE
2013 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC), TITLE 24

PAVING NOTES

- 1. A PRE-PAVING MEETING SHALL BE SCHEDULED 48 HOURS PRIOR TO START OF THE SUB-GRADE PREPARATION FOR THE PAVING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, PAVING CONTRACTORS, DESIGN CIVIL ENGINEER, SOILS ENGINEER, CITY BUILDING INSPECTOR OR THEIR REPRESENTATIVES.

Table showing GRADE OF THE STREET vs INTERVAL AS REQUIRED. Includes values for 2% to 4%, 4% to 10%, and OVER 10%.

- PREPARED BY: BRANDOW & JOHNSTON, INC. 700 S FLOWER ST, SUITE 1800 LOS ANGELES, CA 90017 TEL (213) 596-4500 FAX (213) 596-4599

- PREPARED FOR: GLENDALE UNIFIED SCHOOL DISTRICT 349 WEST MAGNOLIA AVENUE GLENDALE, CA 91204

REPRESENTATIVE: ORLANDO MORENO, PE DIRECTOR OF CIVIL ENGINEERING

THESE PLANS HAVE BEEN REVIEWED AND CONFORMS TO RECOMMENDATIONS OF SOILS ENGINEERING/GEOLOGIC REPORTS DATED DECEMBER 12, 2013. SOILS ENGINEER: CLARENCE JIANG, GE. GEOLOGIST: BRUCE MYERS, PE, CEG

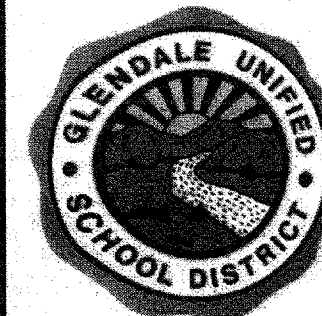
LEGEND:

- 395.00 FS PROPOSED SPOT ELEVATION
(395.00) FS EXISTING SPOT ELEVATION
--- PROPERTY LINE
--- PROP. CONTOUR (1' INTERVAL)
--- EXIST. CONTOUR (1' INTERVAL)
--- RIDGE
--- FLOW LINE
--- EXIST. FENCE
--- PROPOSED FENCE
--- EXIST. BLOCK WALL
--- PROPOSED RETAINING WALL
--- PROPOSED BUILDING
--- CONCRETE PAVEMENT
--- TURF/PLANTER AREA
--- PATH OF TRAVEL



THE ELEVATION OF 484.30 WAS ASSUMED ON SEWER MANHOLE AT THE INTERSECTION OF LAKE STREET AND WINCHESTER AVE., PER CITY OF GLENDALE SEWER PLAN NO. 1499-S, AND USED AS DATUM FOR THIS SURVEY.

CONSTRUCTION DOCUMENTS



IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 19-41 APPL. NO. 03-117220 AC# EFLS M18827 DATE JUL 18 2016

GUSD FRANKLIN PORTABLES BEANMAN FRANKLIN ELEMENTARY SCHOOL 1670 LAKE STREET, GLENDALE, CA 91201



NAC ARCHITECTURE 837 N. SPRING STREET (LOS ANGELES, CA 90012) (213) 291-9975 (F) (323) 474-8074

PROJECT INFORMATION: DATE: 06.01.16 DRAWN BY: Author CHECKED BY: Checker

TITLE SHEET AND GENERAL NOTES

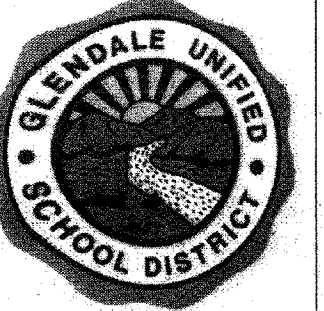
C101

ACCESSIBILITY NOTES:

CALIFORNIA ACCESS COMPLIANCE, TITLE 24 CCR

1. WALKS AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT (2% GRADIENT) (SEC. 11B-403.3)
2. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1:20 (5% GRADIENT) IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 1133B.5 AS A PEDESTRIAN RAMP (SEC. 11B-401.1)
3. WALK AND SIDEWALK SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. (SEC. 11B-403.2)
4. WALK & SIDEWALK SURFACES WITH A SLOPE OF 6% OR MORE GRADIENT SHALL BE SLIP-RESISTANT. (SEC. 11B-403.2)
5. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" x 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE x 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. (SEC. 11B-403.7)
7. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48" WIDE. (SEC. 11B-403.1, 11B-403.2, 11B-403.5.1, 11B-403.5.3, 11B-302.1)
8. WHEN ABRUPT CHANGES IN LEVEL NOT EXCEEDING 1/2" OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL (50%), EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL (SEC. 11B-403.4)
9. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE EXCEEDING 1/2" SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (SEC. 11B-403.4)
10. WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALL (SEC. 11B-403.7)
11. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRID OPENINGS IN GRATINGS SHALL BE 1/2" WIDE MAX IN THE DIRECTION OF TRAFFIC FLOW. ELONGATED OPENINGS, IF PROVIDED SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL (SEC. 11B-302.3, 11B-202.3, 11B-202.4, 11B-202.3, 11B-202.4)
12. ABRUPT CHANGES IN LEVEL, 4" OR MORE, EXCEPT BETWEEN A WALK OR A SIDEWALK AND ADJACENT STREETS OR DRIVEWAYS SHALL BE IDENTIFIED BY A 6" HIGH CURBS ABOVE WALK SURFACE (SEC. 11B-303.5)

CONSTRUCTION DOCUMENTS



IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
FILE NO. 19-41
APPL NO. 03-117210
AC/FLS W/SS
DATE JUL 18 2016

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FRANKLIN PORTABLES
BENJAMIN FRANKLIN ELEMENTARY SCHOOL
1610 LAKE STREET, GLENDALE, CA 91201



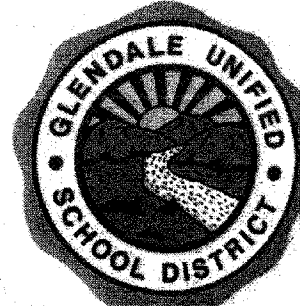
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NAC NO 161-15045
DATE: 06.01.16
DRAWN Author
CHECKED Checker

PROJECT INFORMATION
TITLE SHEET AND GENERAL NOTES

C102

CONSTRUCTION DOCUMENTS



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OFFICE OF REGULATION SERVICES
FILE NO. 19-41
APPL NO. 03-117210
AC FLS 1/4 SS 0/1
DATE JUL 18 2016

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1810 LAKE STREET, GLENDALE, CA 91201



FOR BRADSHAW & JOHNSON, INC.

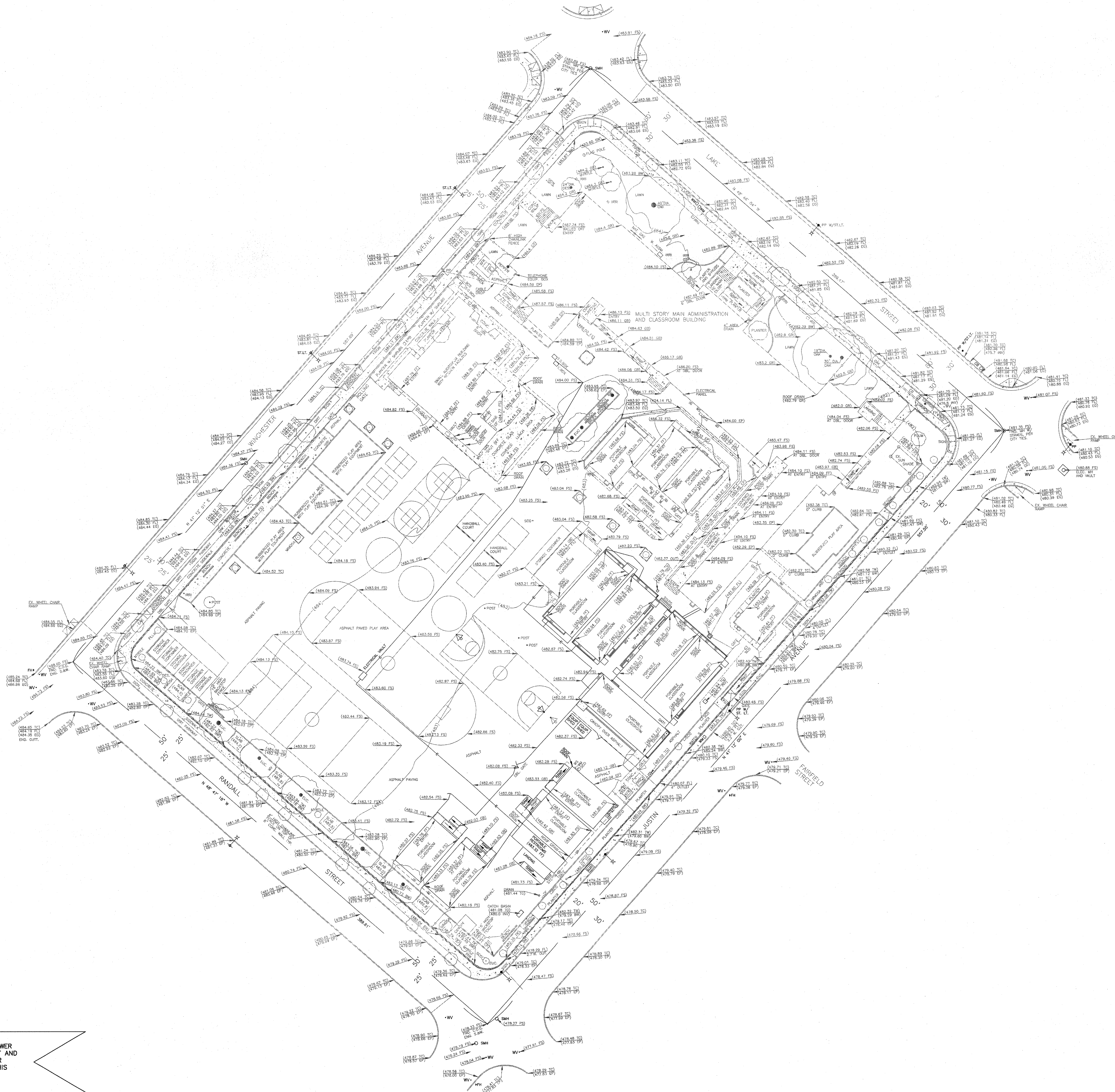
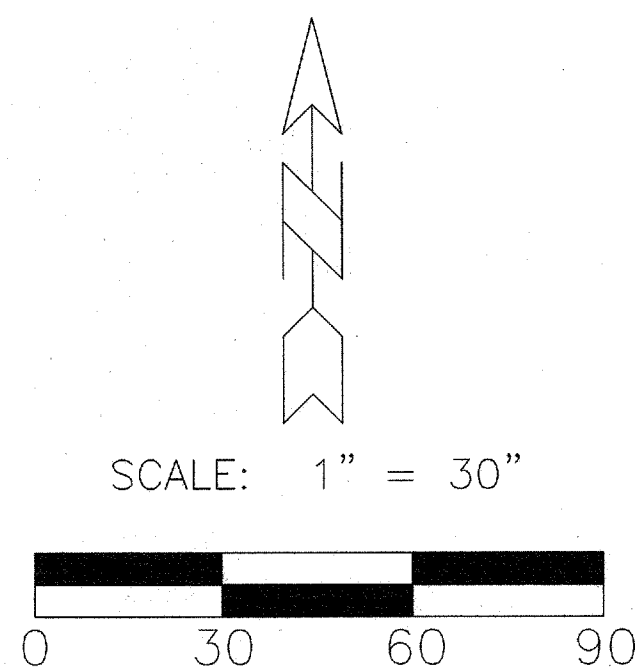
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NAC NO 161-15045
DATE 06.01.16
Author
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PROJECT INFORMATION
TOPOGRAPHIC SURVEY

C103

WWW.NACARCHITECTURE.COM

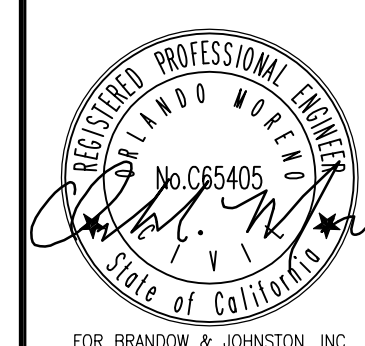


THE ELEVATION OF 484.30 WAS ASSUMED ON SEWER MANHOLE AT THE INTERSECTION OF LAKE STREET AND WINCHESTER AVE., PER CITY OF GLENDALE SEWER PLAN NO. 1499-S, AND USED AS DATUM FOR THIS SURVEY.



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1610 LAKE STREET, GLENDALE, CA 91201



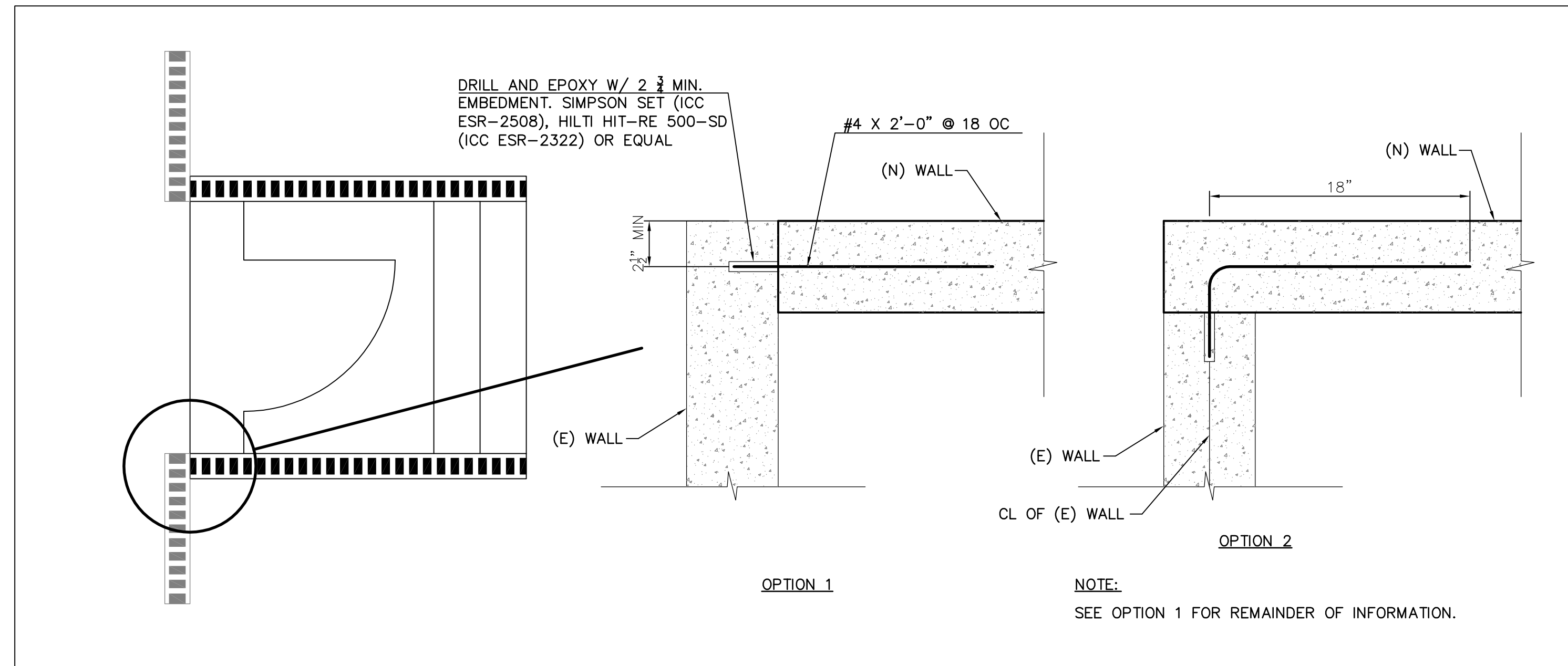
FOR BRANSON & JOHNSON, INC.

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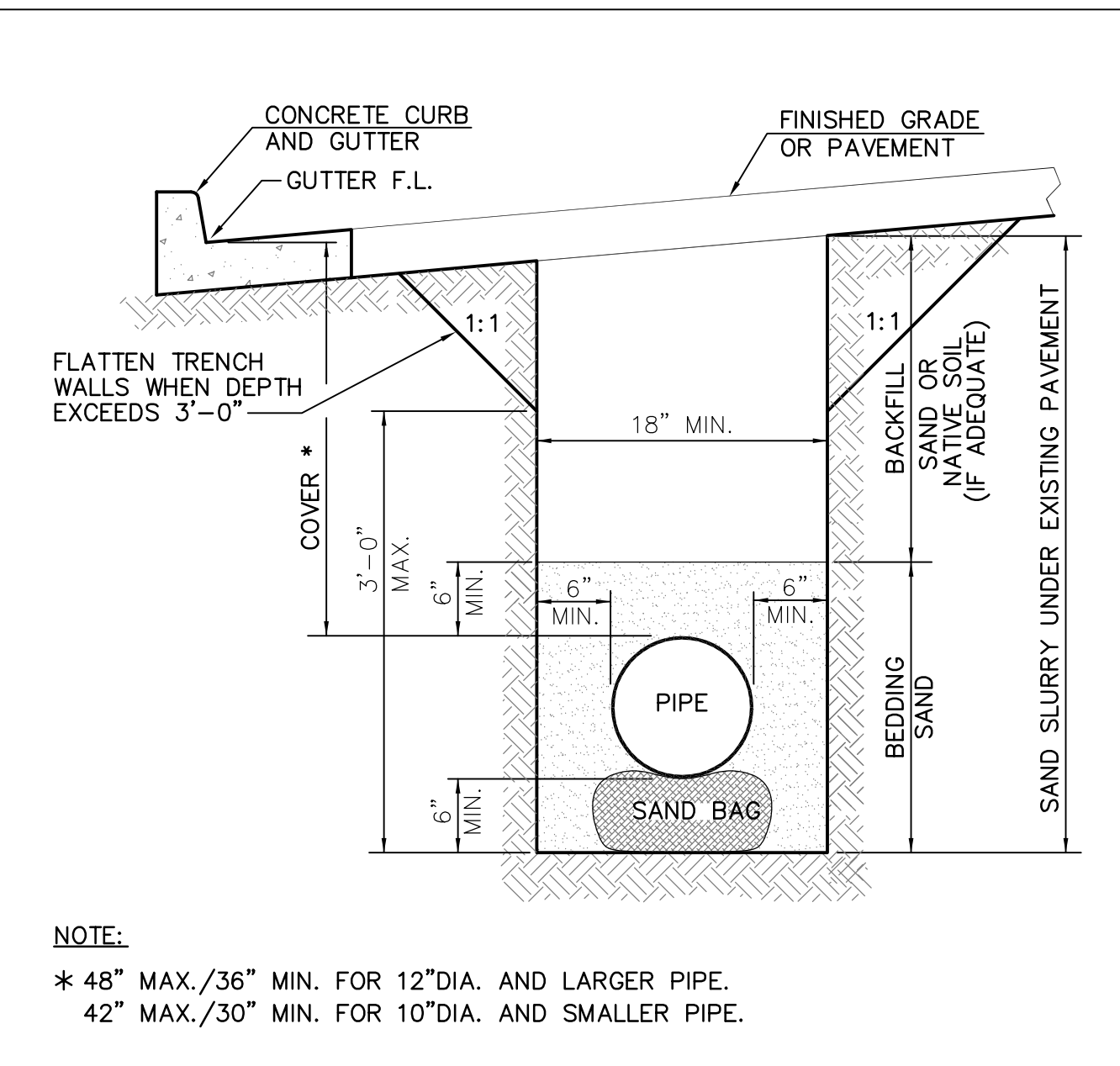
PROJECT INFORMATION
TYPICAL DETAILS

C201



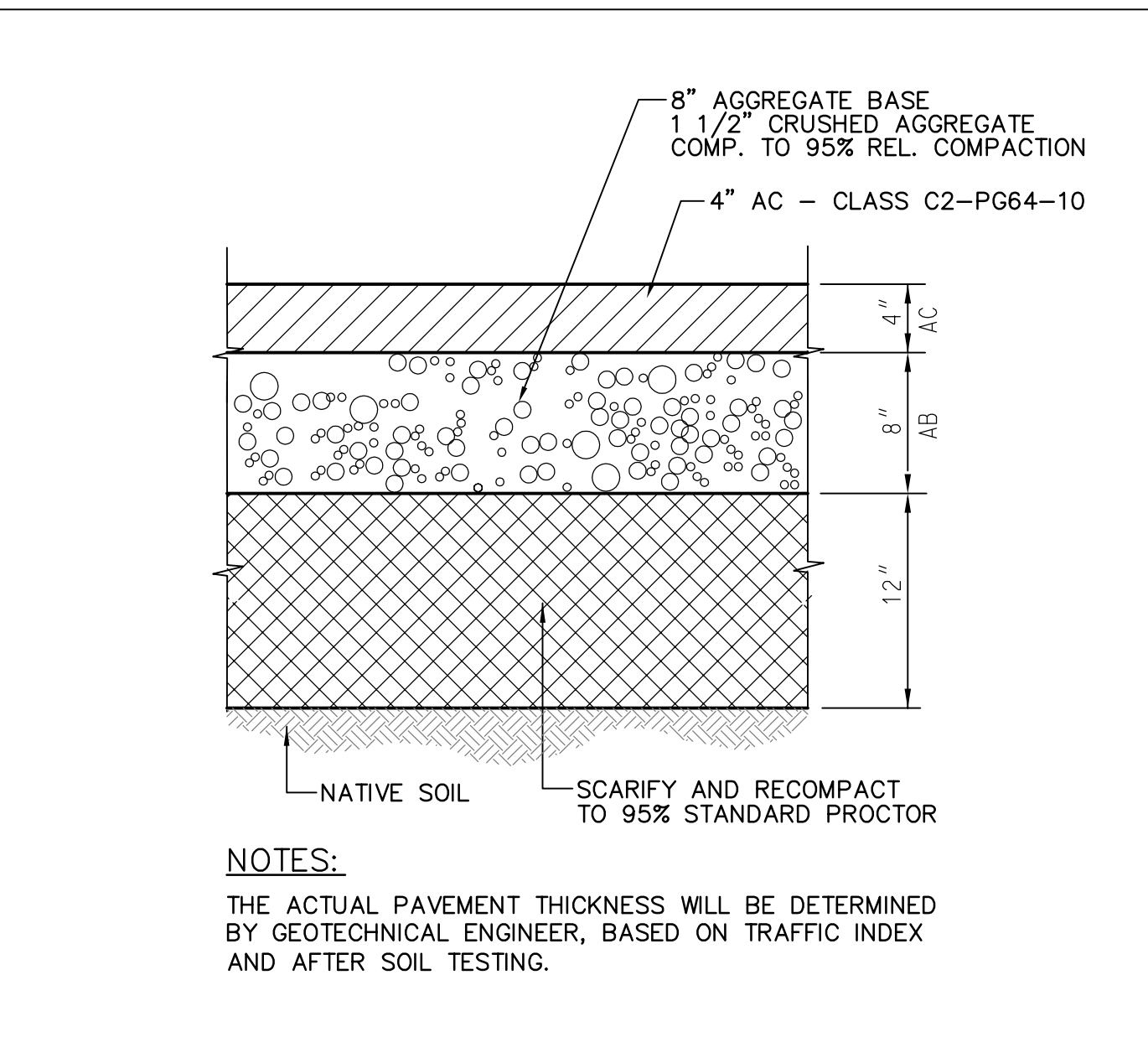
FIRE ACCESS GATE DETAIL

SCALE: NO SCALE 8



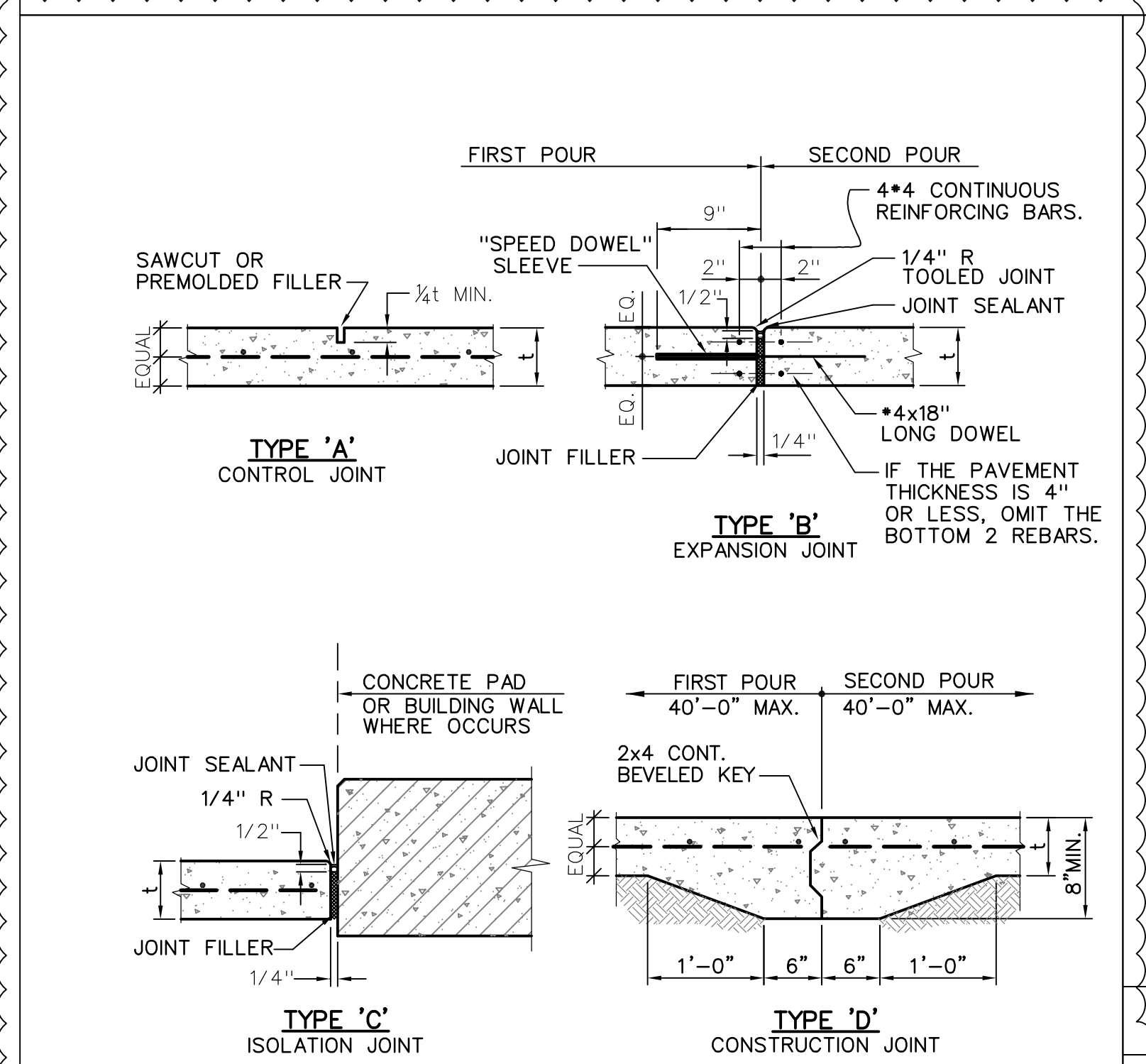
TYPICAL TRENCH SECTION FOR WATER/GAS PIPE

SCALE: NO SCALE 4



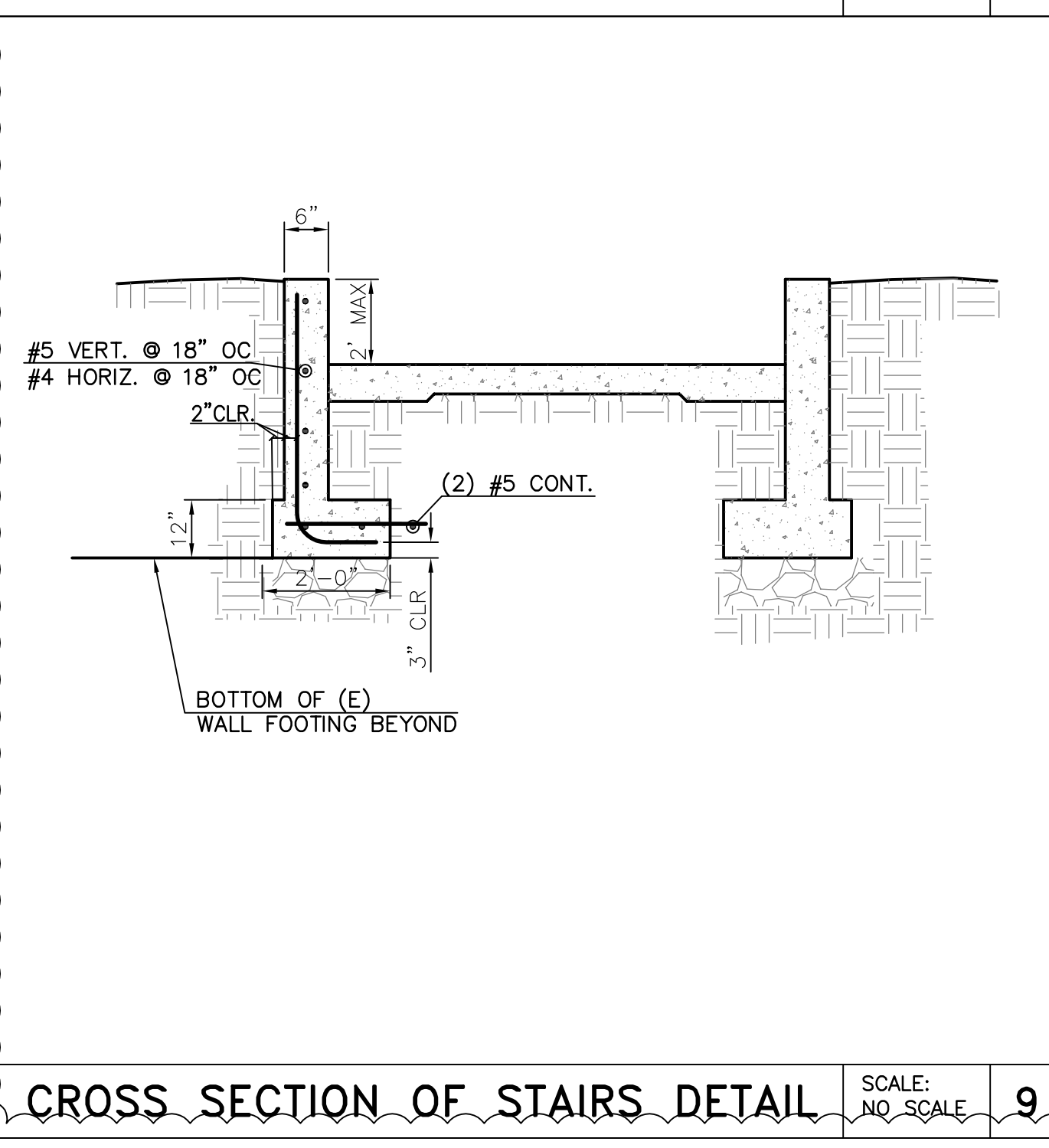
AC PAVEMENT DETAIL

SCALE: NO SCALE 1



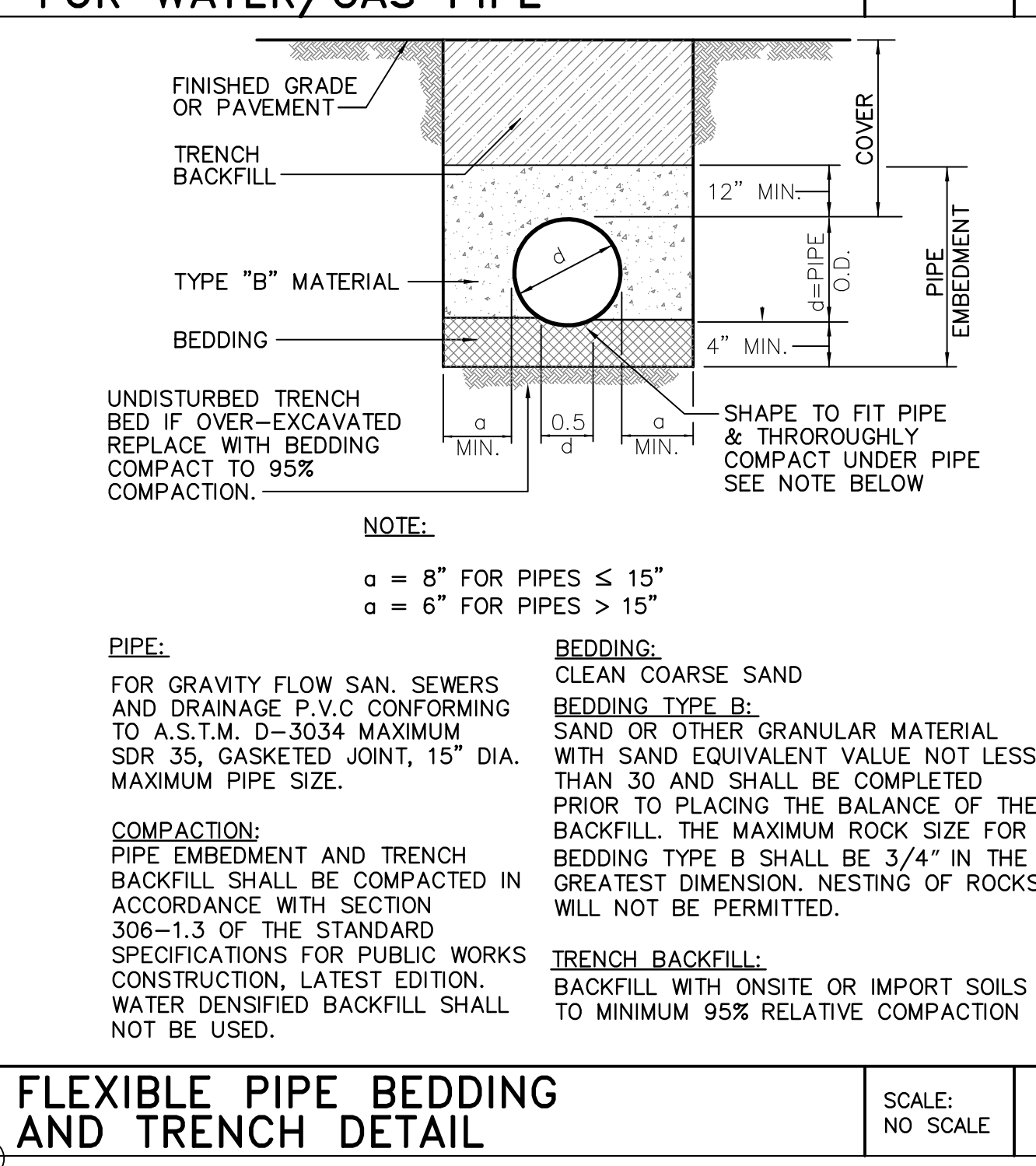
CONSTRUCTION JOINTS

SCALE: NO SCALE 11



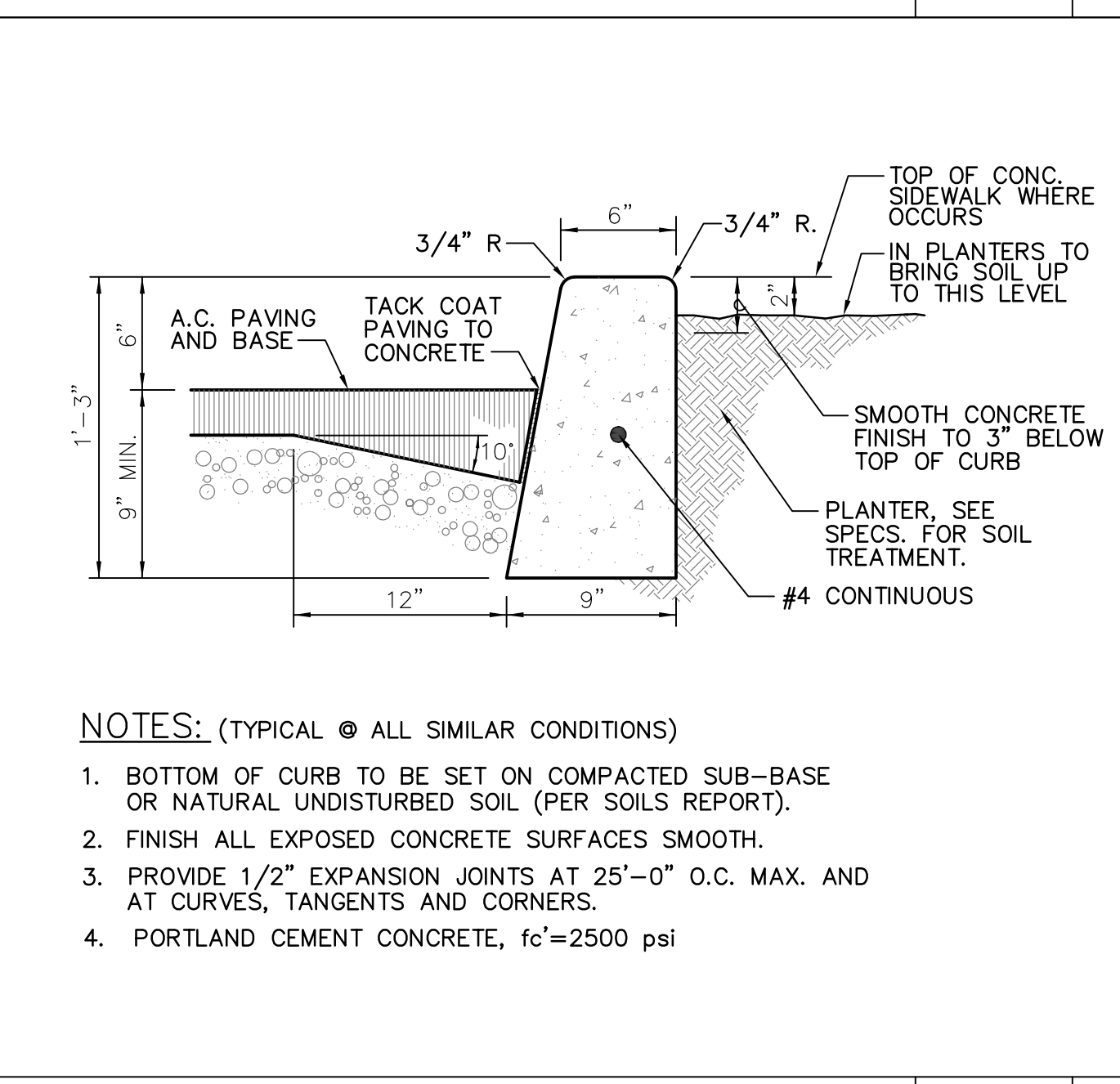
CROSS SECTION OF STAIRS DETAIL

SCALE: NO SCALE 9



FLEXIBLE PIPE BEDDING AND TRENCH DETAIL

SCALE: NO SCALE 5



CONCRETE CURB DETAIL (APWA 120-1)

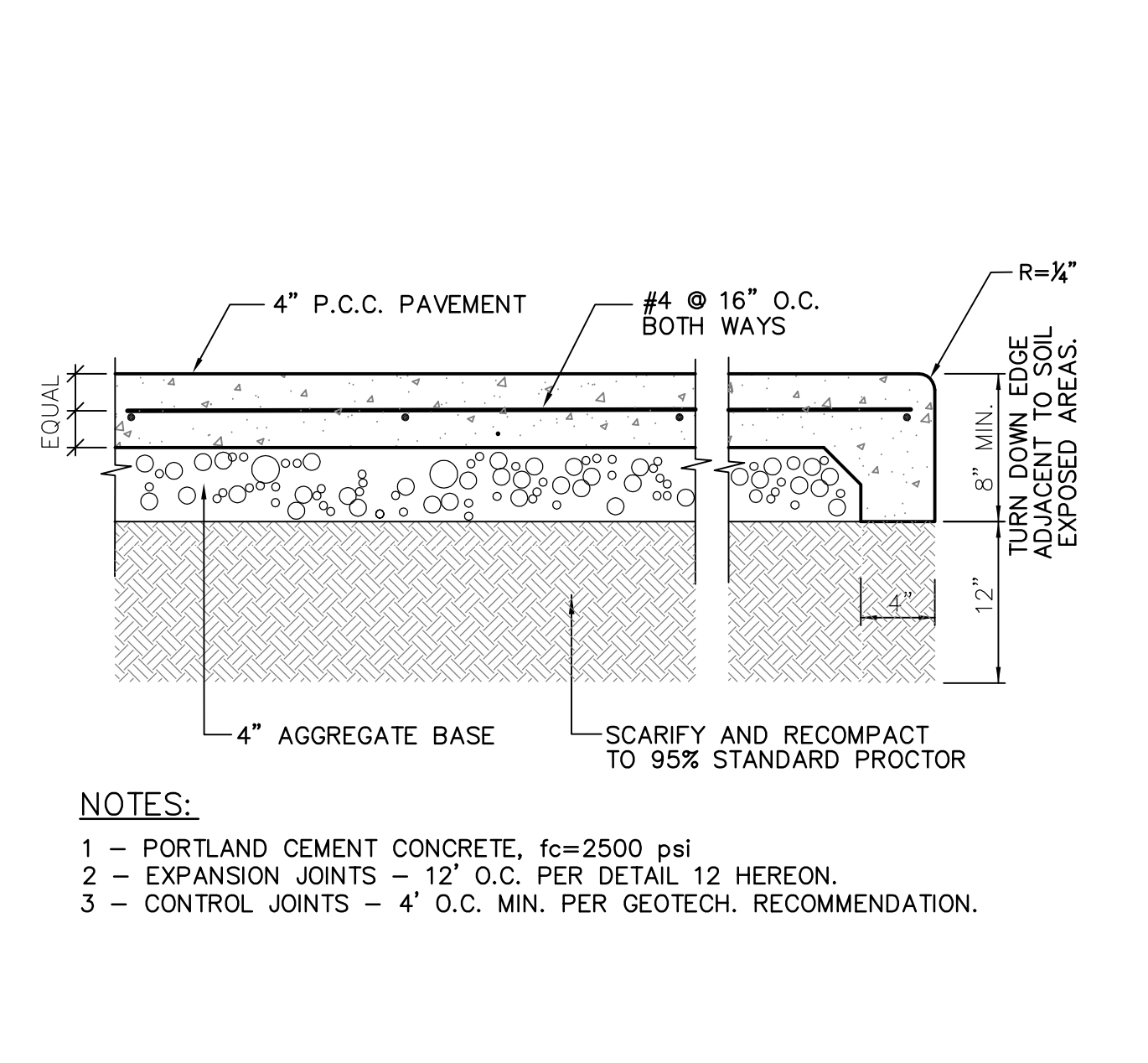
SCALE: NO SCALE 2

SUGGESTED SPACING OF CONTROL JOINTS

PAVEMENT/SLAB THICKNESS (IN)	LESS THAN 3/4 INCH AGGREGATE SPACING (FT)	LARGER THAN 3/4 INCH AGGREGATE SPACING (FT)	SLUMP LESS THAN 4 IN: SPACING (FT)
3	4	6	8
4	6	8	10
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

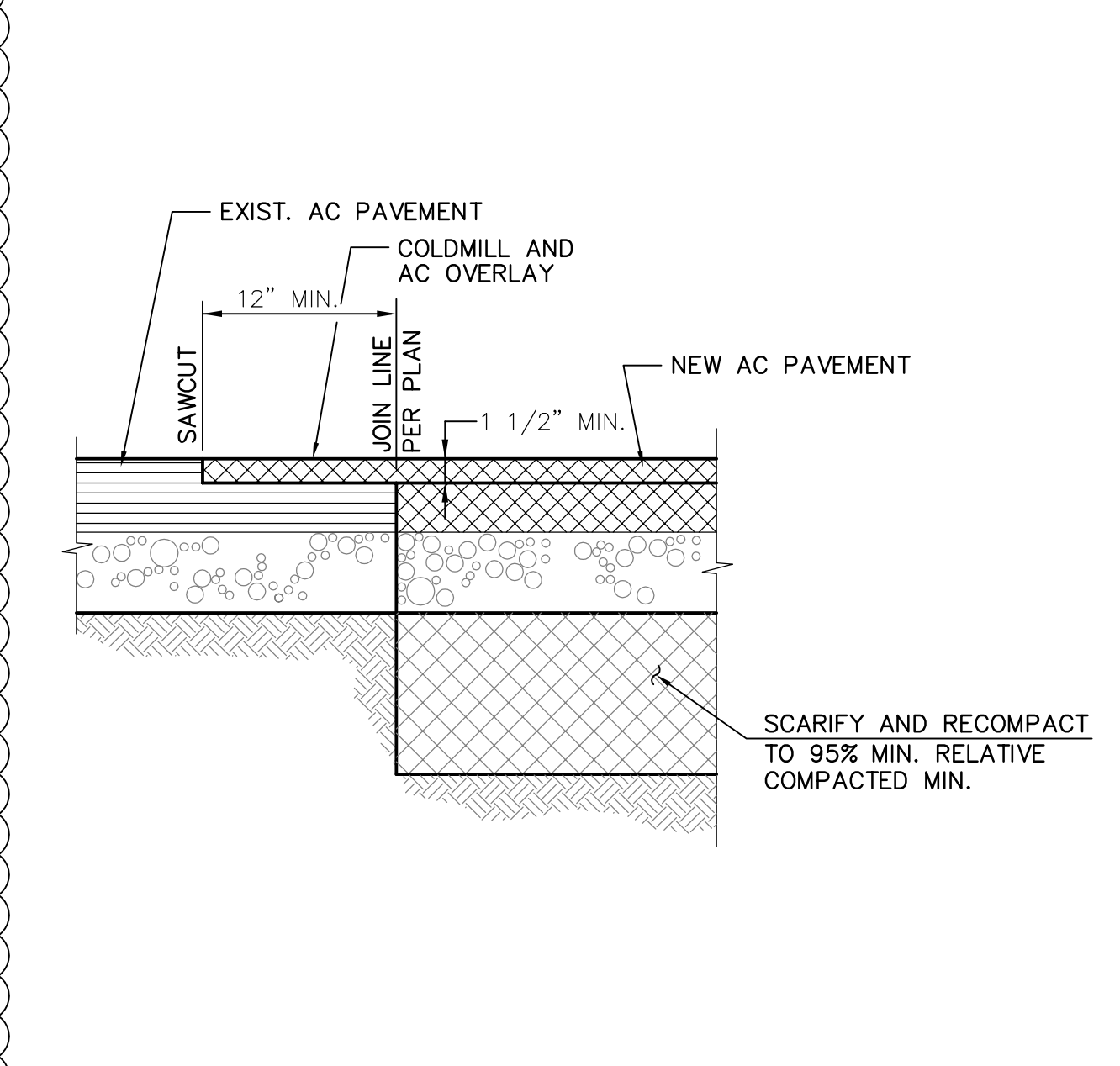
* GIVEN SPACING ALSO APPLY TO THE DISTANCE FROM CONTROL JOINTS TO PARALLEL ISOLATION JOINTS OR TO PARALLEL CONSTRUCTION JOINTS.

NOTES:
1. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT AND JOINT FILLER.
2. PLACE 18" LONG #4 DOWELS AT 24" O.C. (TYPE 'B' ONLY)
3. SPACING OF JOINTS PER TABLE HEREON.
4. STOP SLAB REINFORCING AT EXPANSION JOINT.



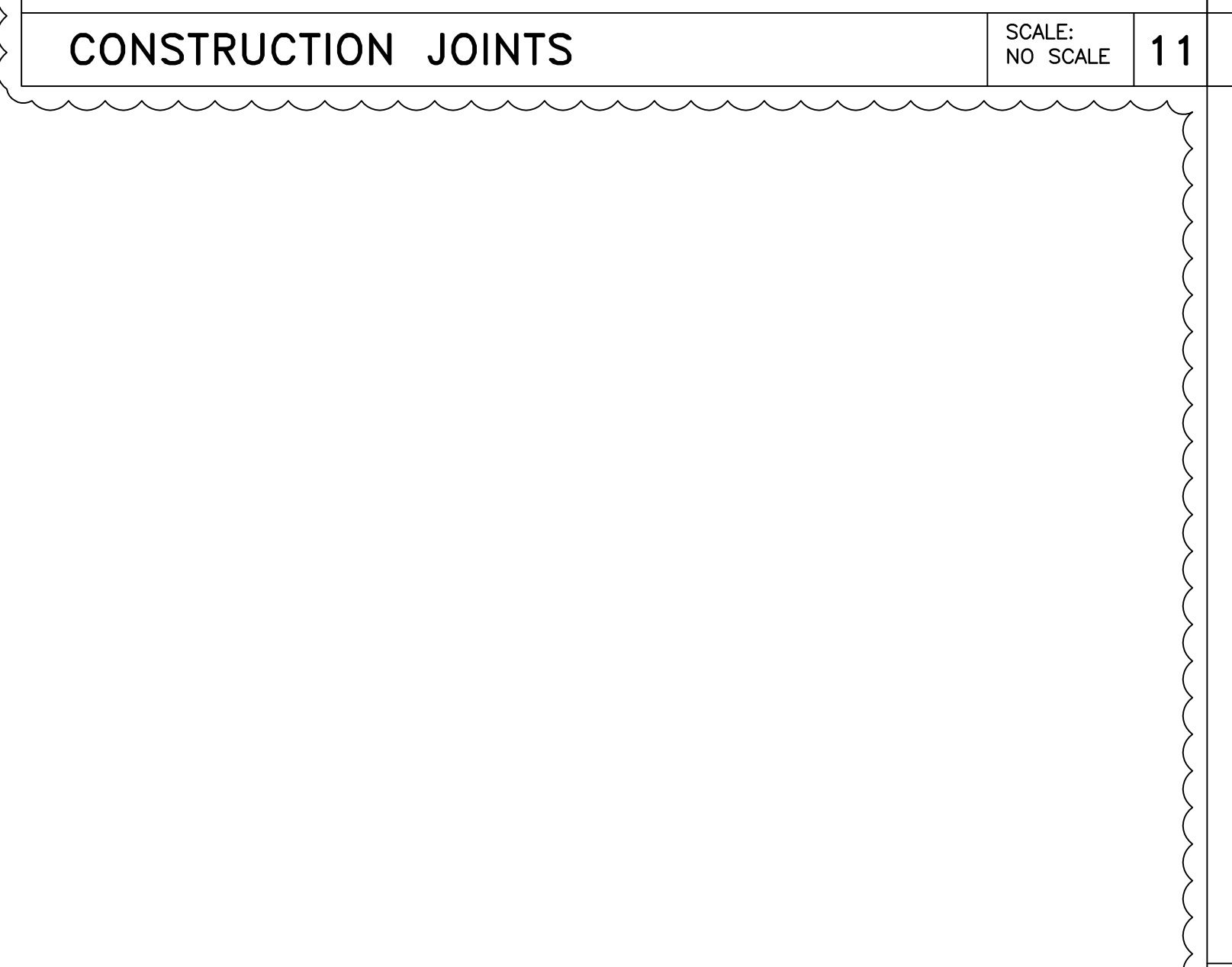
TYP. SECTION - CONCRETE WALK

SCALE: NO SCALE 10



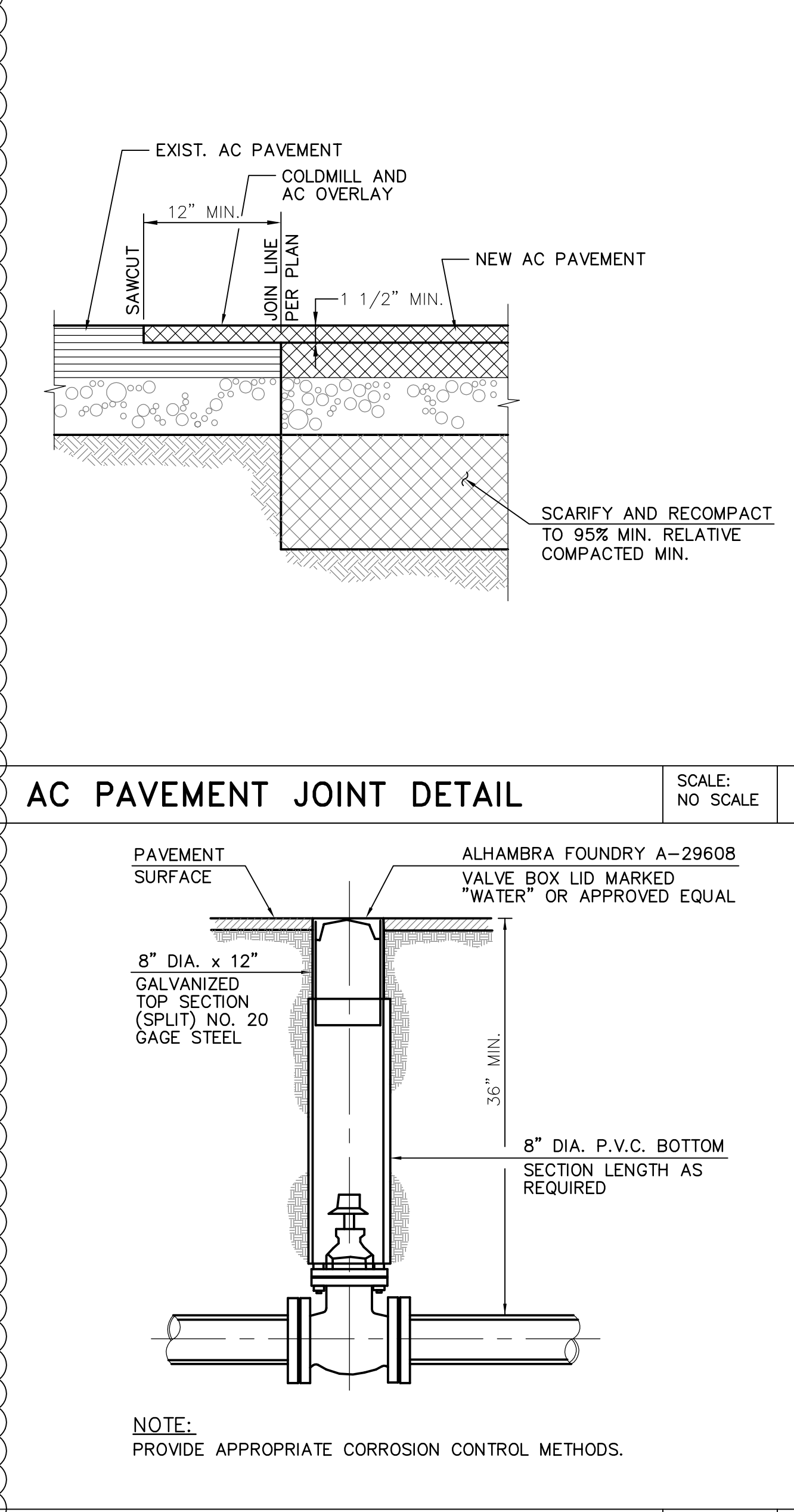
AC PAVEMENT JOINT DETAIL

SCALE: NO SCALE 6



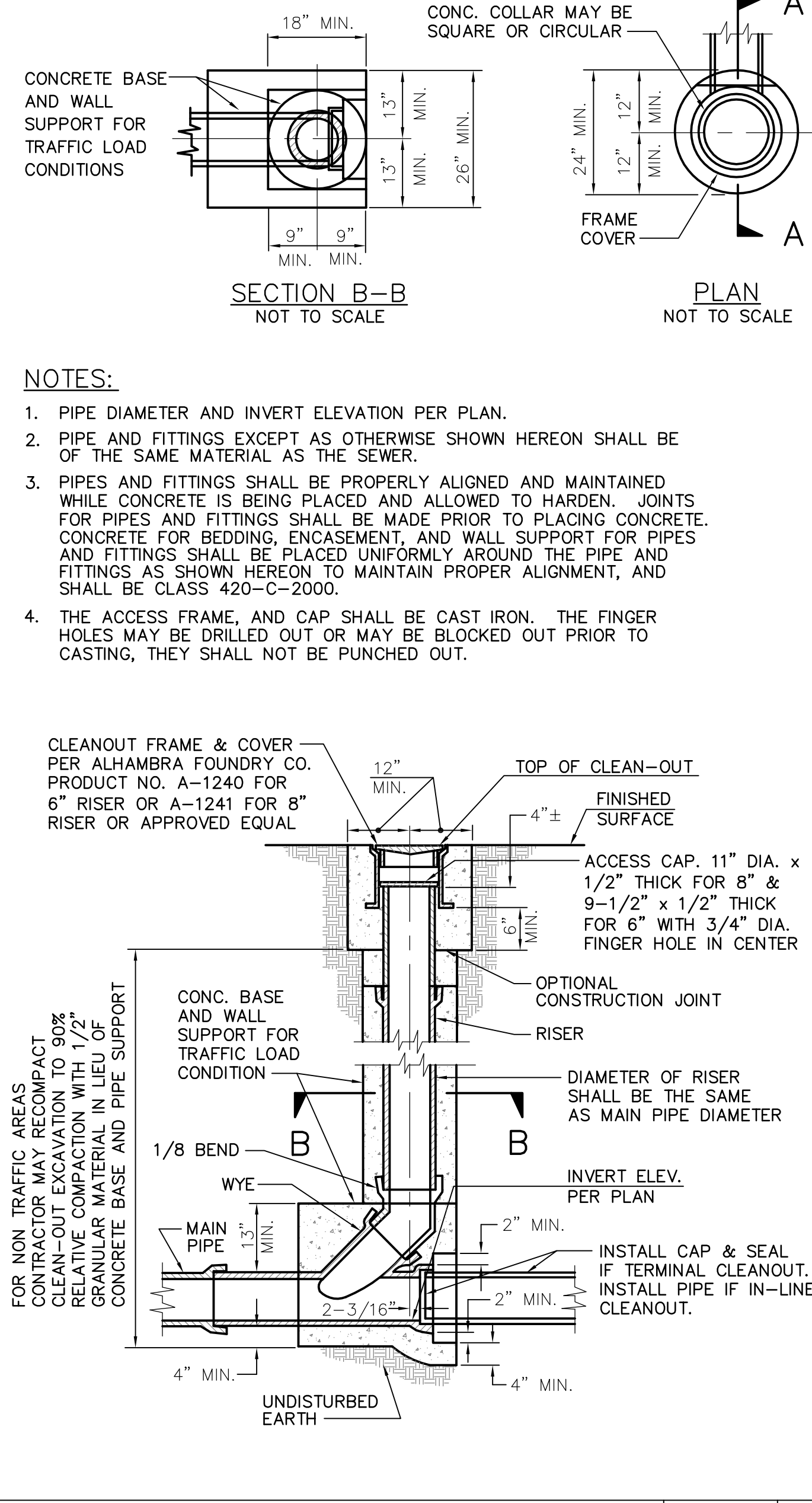
CONCRETE SIDEWALK JOINT DETAIL

SCALE: NO SCALE 11



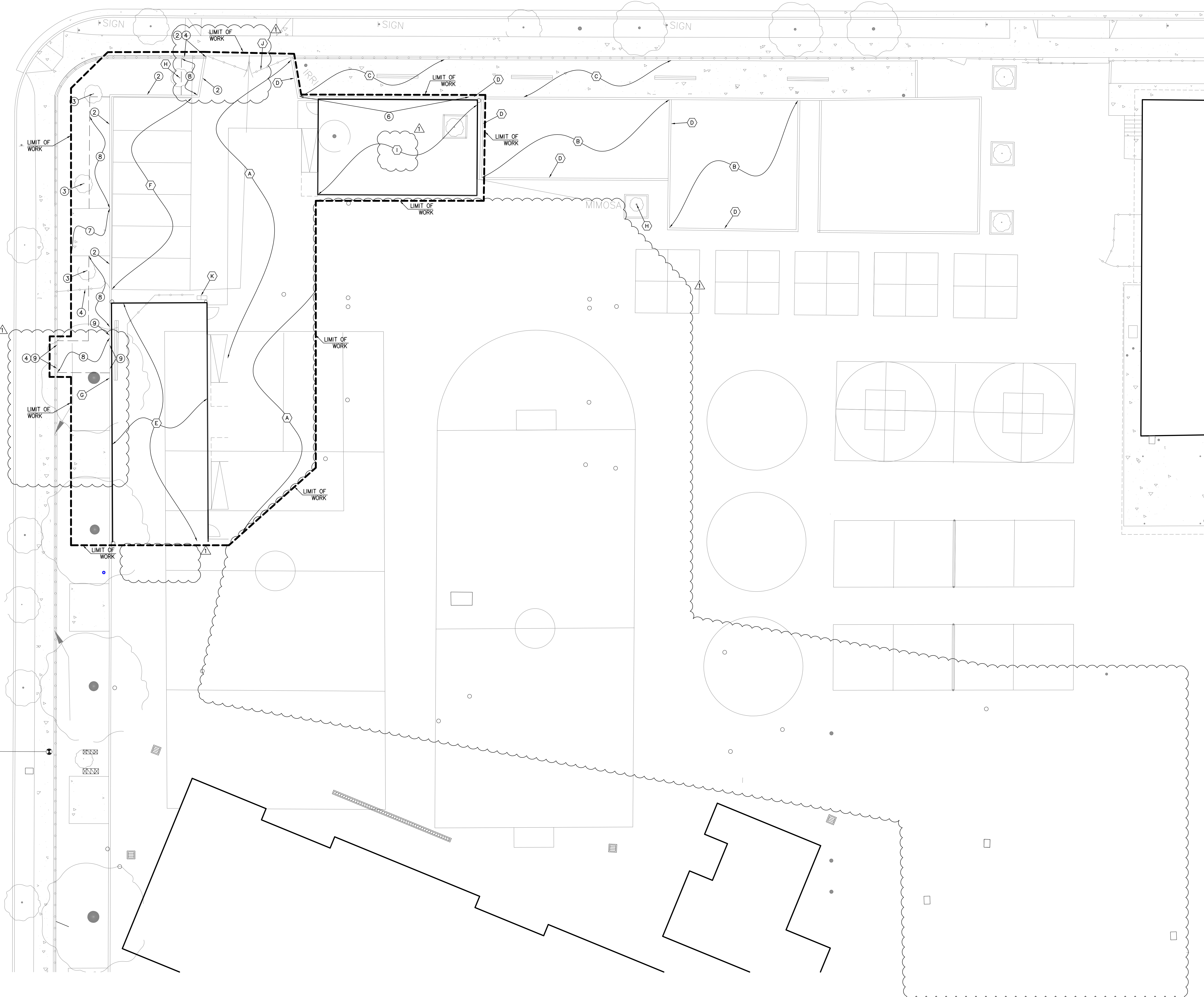
VALVE COVER DETAIL

SCALE: NO SCALE 7



CLEANOUT DETAIL

SCALE: NO SCALE 3

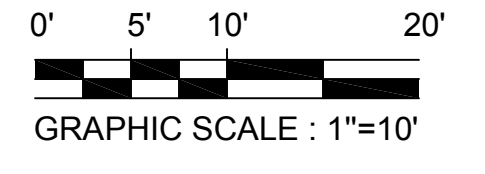


- DEMOLITION NOTES:**
- ① REMOVE (E) RELOCATABLE BUILDING, FOUNDATIONS, AND ASSOCIATED RAMPS PER ARCHITECTURAL PLANS.
 - ② REMOVE EXISTING CONCRETE CURB.
 - ③ REMOVE EXISTING TREE.
 - ④ REMOVE EXISTING CHAINLINK FENCE.
 - ⑤ NOT USED.
 - ⑥ REMOVE EXISTING FLUSH CURB.
 - ⑦ REMOVE EXISTING CONCRETE PAVEMENT.
 - ⑧ REMOVE EXISTING LANDSCAPE AREA.
 - ⑨ REMOVE EXISTING CONCRETE WALL.

- SALVAGE NOTES:**
- A PROTECT EXISTING ASPHALT PAVEMENT.
 - B PROTECT IN PLACE EXISTING RUBBERIZED SURFACING.
 - C PROTECT IN PLACE EXISTING CONCRETE PAVEMENT.
 - D PROTECT IN PLACE EXISTING FLUSH CURB.
 - E REMOVE AND RELOCATE EXISTING PORTABLE BUILDING.
 - F REMOVE AND RELOCATE EXISTING STORAGE CONTAINERS.
 - G PROTECT IN PLACE EXISTING CONCRETE CURB.
 - H PROTECT IN PLACE EXISTING TREE.
 - I PROTECT IN PLACE EXISTING PORTABLE BUILDING.
 - J PROTECT IN PLACE EXISTING SWING GATE.
 - K REMOVE AND RELOCATE EXISTING DRINKING FOUNTAIN.



DEMOLITION PLAN



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1610 LAKE STREET, GLENDALE, CA 91201

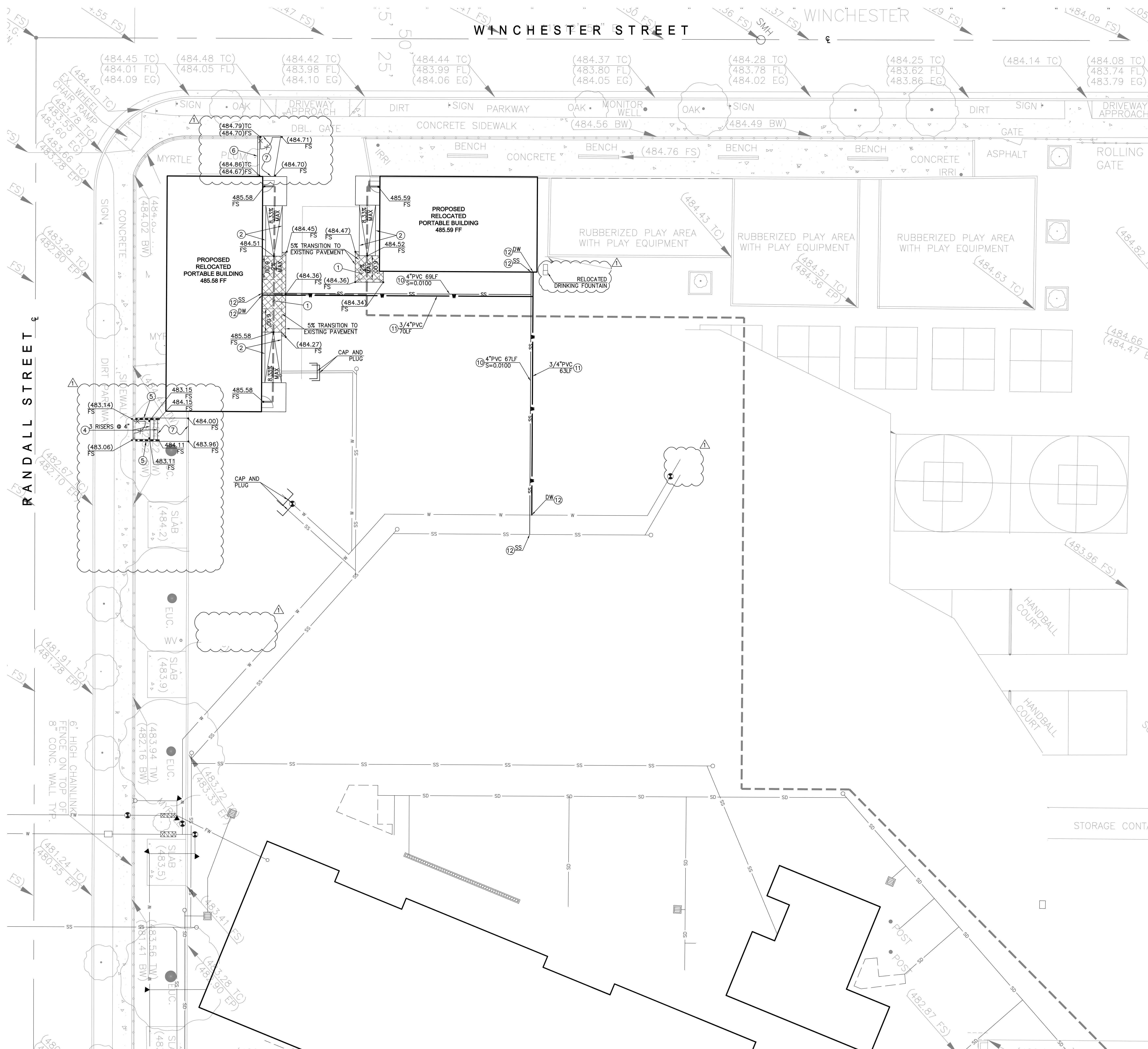


FOR BRANSON & JOHNSON, INC

NAC ARCHITECTURE

NAC NO: 161-15045
DATE: 06.01.16
DRAWN: Author
CHECKED: Checker

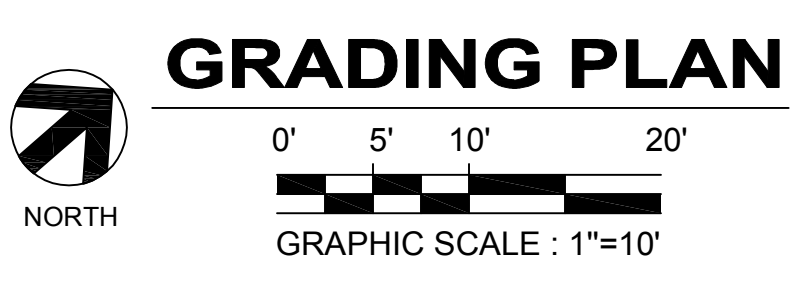
PROJECT INFORMATION
DEMOLITION PLAN



- CONSTRUCTION NOTES:**
- ① OVERLAY AC PAVEMENT. COLDMILL EXISTING AC PAVEMENT AS NECESSARY TO PROVIDE MINIMUM 1-1/2\"/>

- UTILITY NOTES:**
- ⑩ INSTALL PVC SDR35 SANITARY SEWER PIPE WITH PUSH-ON JOINTS, SIZE, LENGTH, AND SLOPE PER PLAN.
 - ⑪ INSTALL PVC SCH 40 DOMESTIC WATER LINE. SIZE & LENGTH PER PLAN.
 - ⑫ POINT OF CONNECTION.

- LEGEND:**
- 395.00 FS PROPOSED SPOT ELEVATION
 - (395.00) FS EXISTING SPOT ELEVATION
 - PROPERTY LINE
 - PATH OF TRAVEL
 - FLOW LINE
 - CONSTRUCTION FENCE
 - PROPOSED BUILDING
 - COLDMILL & OVERLAY AC PAVEMENT



REVISIONS
1 BID ADDENDA 02-02-17

CONSTRUCTION DOCUMENTS



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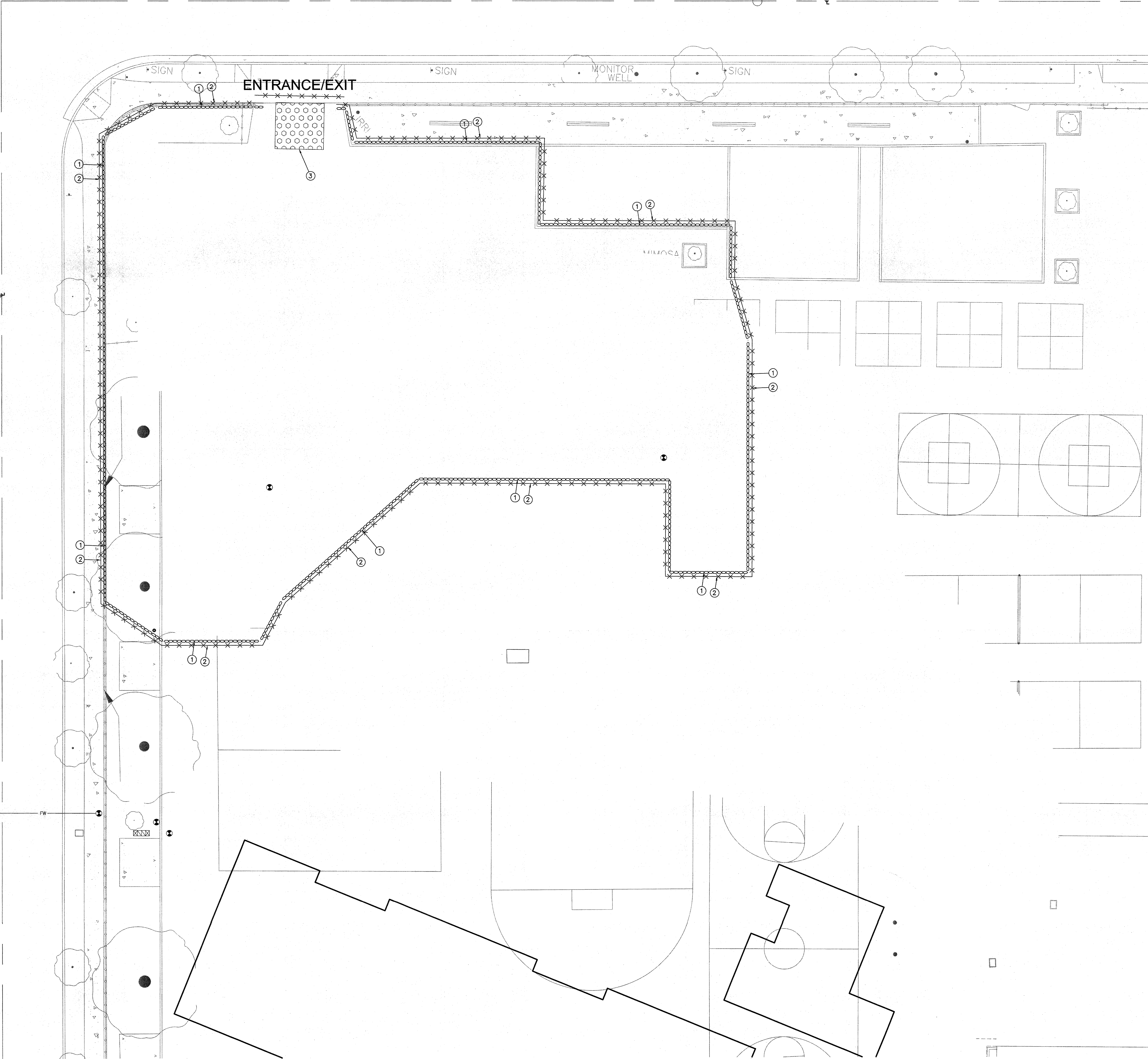


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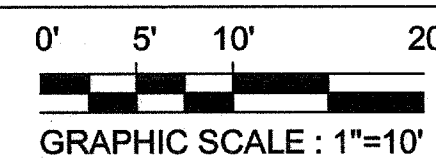
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PROJECT INFORMATION
GRADING AND UTILITY PLAN

C401
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EROSION CONTROL PLAN

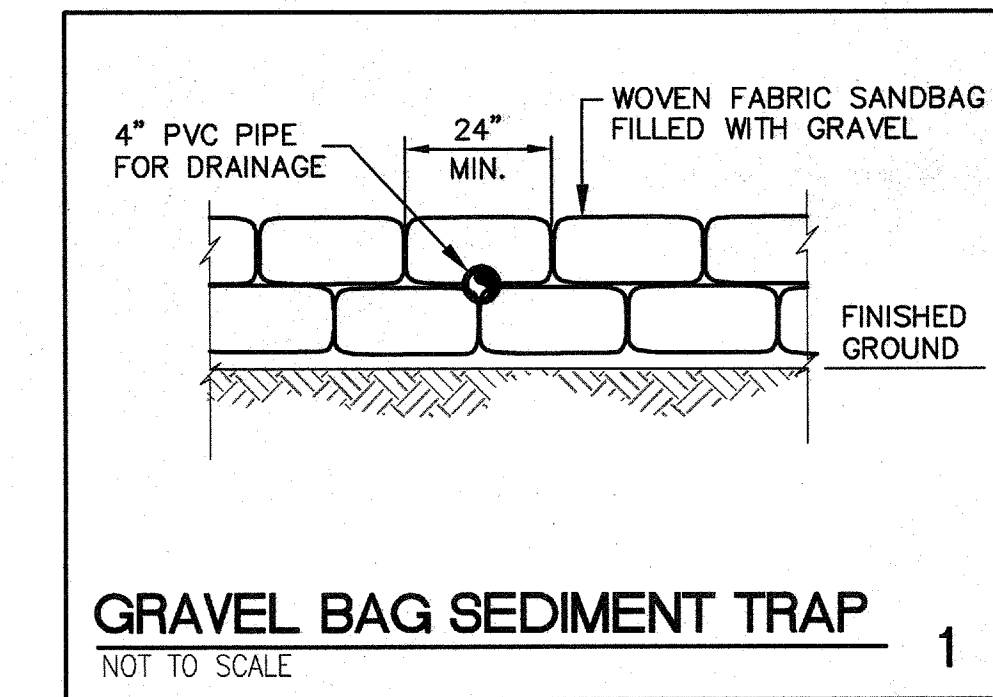


EROSION CONTROL KEY NOTES:

- ① SINGLE ROW GRAVEL BAGS - 2 BAGS HIGH (PER SE-8 OF CASQA BMP MANUAL)
- ② INSTALL TEMPORARY CONSTRUCTION FENCE WITH WIND SCREEN.
- ③ STABILIZED CONSTRUCTION ENTRANCE PER TC-1 OF CASQA BMP MANUAL.

LEGEND:

- GRAVEL BAGS
- SCREENED FENCE
- STABILIZED ENTRANCE
- DIRT
- (E) STORM DRAIN
- (N) STORM DRAIN

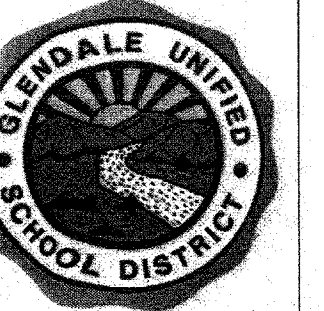


STORM WATER POLLUTION CONTROL

STORM WATER POLLUTION PREVENTION DEVICES AND PRACTICES SHALL BE INSTALLED AND/OR INSTITUTED AS NECESSARY TO ENSURE COMPLIANCE TO THE CITY OF GLENDALE AND ANY EROSION CONTROL PLAN ASSOCIATED WITH THIS PROJECT. ALL SUCH DEVICES AND PRACTICES SHALL BE MAINTAINED, INSPECTED AND/OR MONITORED TO ENSURE ADEQUACY AND PROPER FUNCTION THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT.

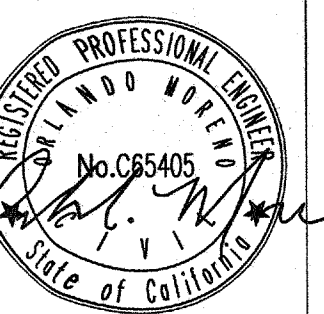
COMPLIANCE TO THE WATER QUALITY STANDARDS AND ANY EROSION CONTROL PLAN ASSOCIATED WITH THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING REQUIREMENTS:

1. EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPs SHALL BE IMPLEMENTED TO PROTECT THE EXPOSED PORTIONS OF THE SITE FROM EROSION AND TO PREVENT SEDIMENT DISCHARGES.
2. SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE UNTIL PROPERLY DISPOSED OF, AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER FLOW.
4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, NOR BE ALLOWED TO SETTLE OR INFILTRATE INTO SOIL.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTES.
6. TRASH AND CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITS SHALL BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. STORM WATER POLLUTION PREVENTION DEVICES AND/OR PRACTICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS.



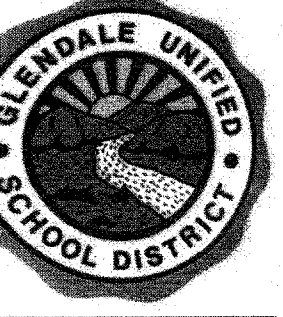
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 AC. FLS. M. SS. 2/1
 DATE JUL 18 2016

BENJAMIN FRANKLIN ELEMENTARY SCHOOL
 1810 LAKE STREET, GLENDALE, CA 91201



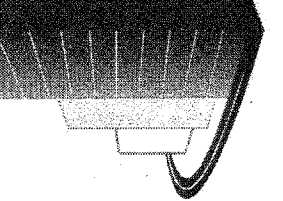
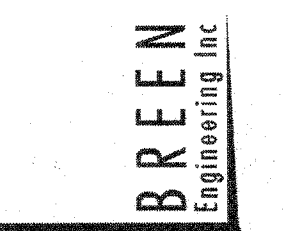
FOR BRANDON & JOHNSTON, INC.

NAC NO 161-15045
 DATE 06.01.16
 DRAWN Author
 CHECKED Checker

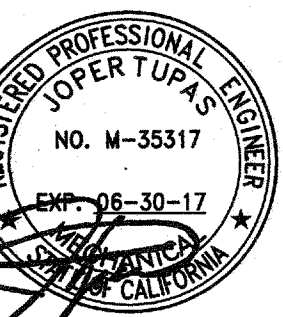


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FRANKLIN PORTABLES
1870 LAKE STREET, GLENDALE, CA 91201



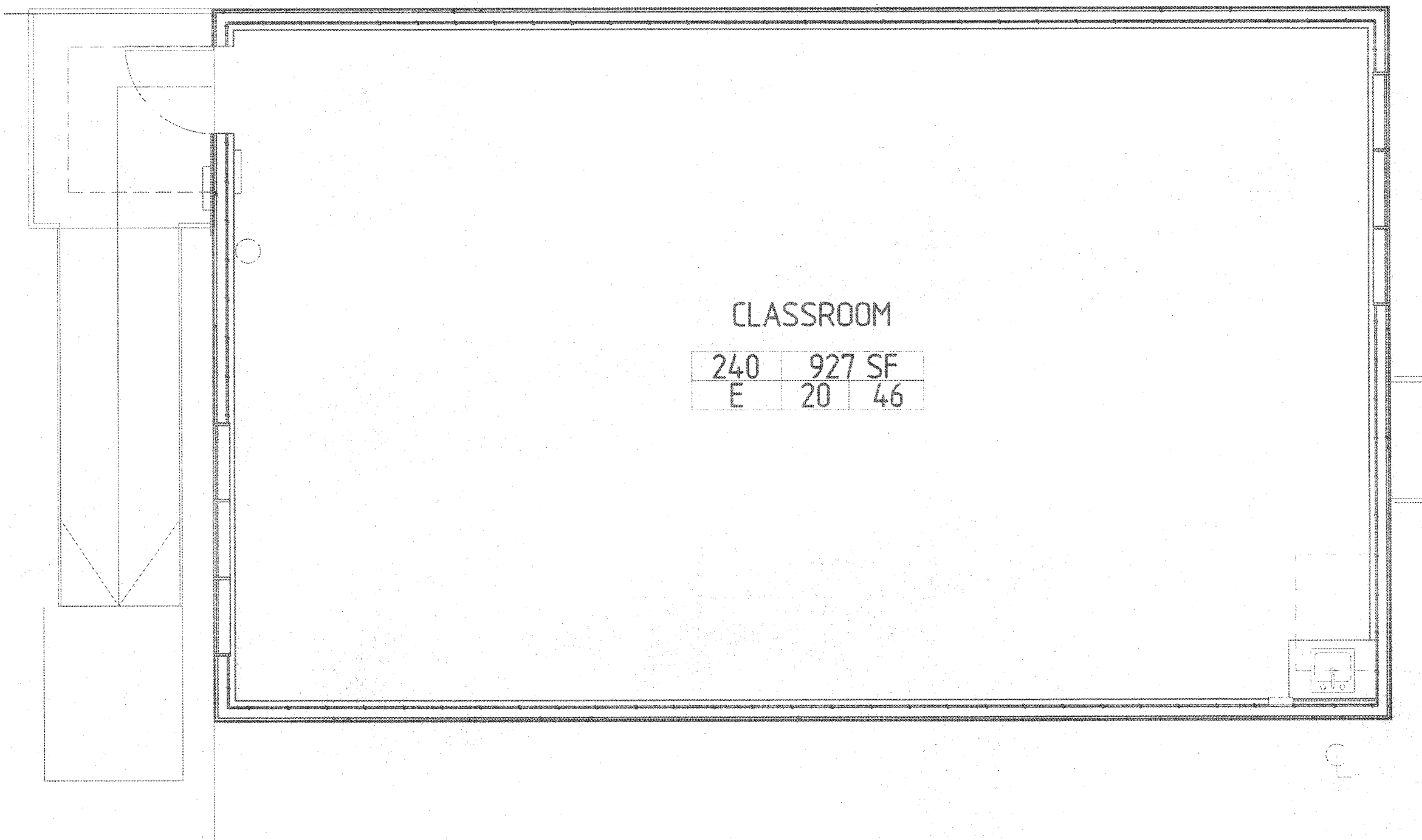
NAC ARCHITECTURE
PROJ. NO: 273-13-001
DATE: 06.01.16

MECHANICAL FLOOR PLAN

SCALE: AS NOTED
M-2.1

GENERAL REQUIREMENTS

- 1. SCOPE OF WORK: A. FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT AND FACILITIES NECESSARY TO FURNISH, FABRICATE, DELIVER, STORE AND INSTALL ALL WORK NOTED ON THE DRAWINGS AND/OR SPECIFIED HEREIN.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL WORK NECESSARY TO MAKE A COMPLETE SYSTEM...



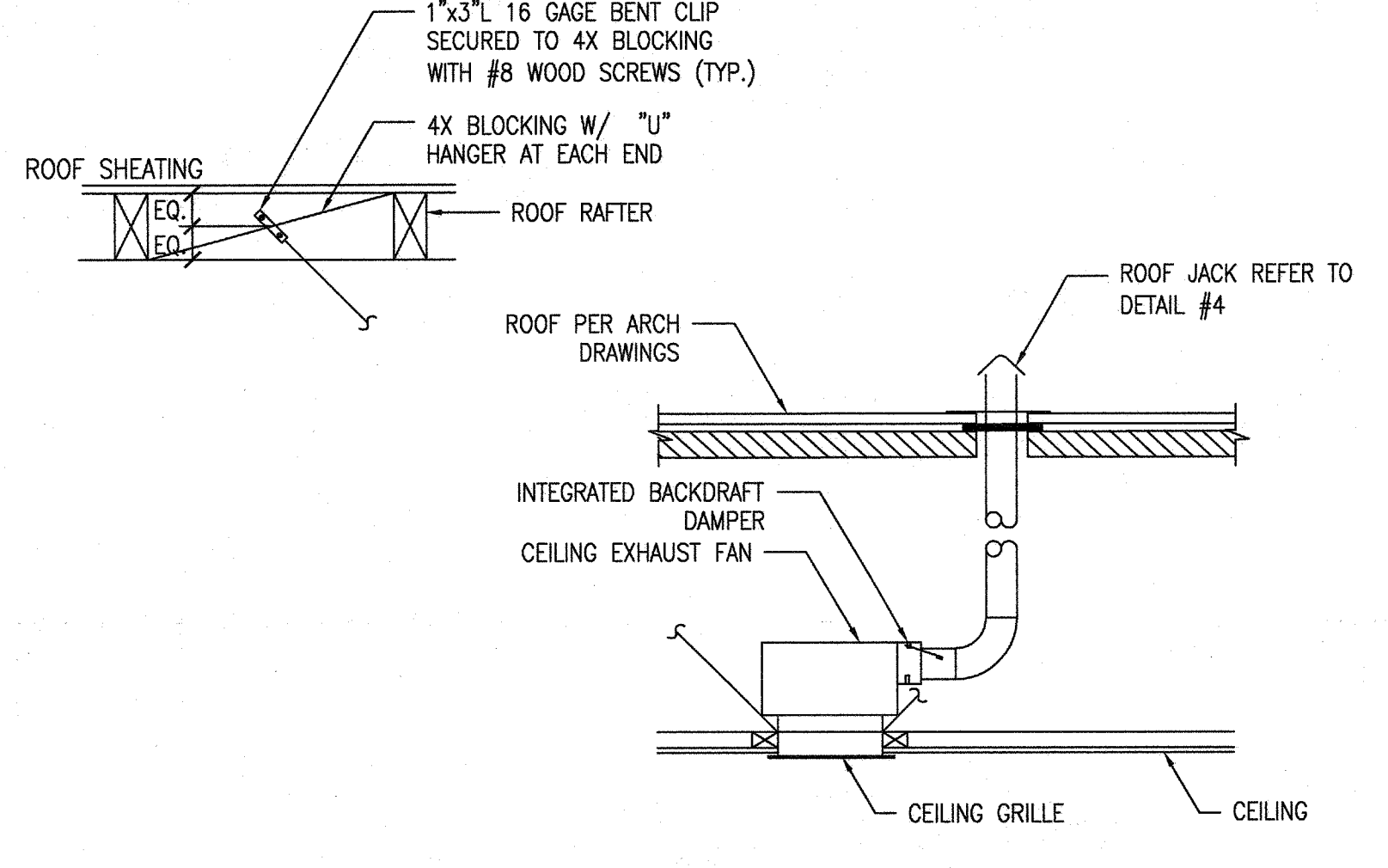
MECHANICAL PORTABLE R17 FLOOR PLAN

GENERAL NOTES

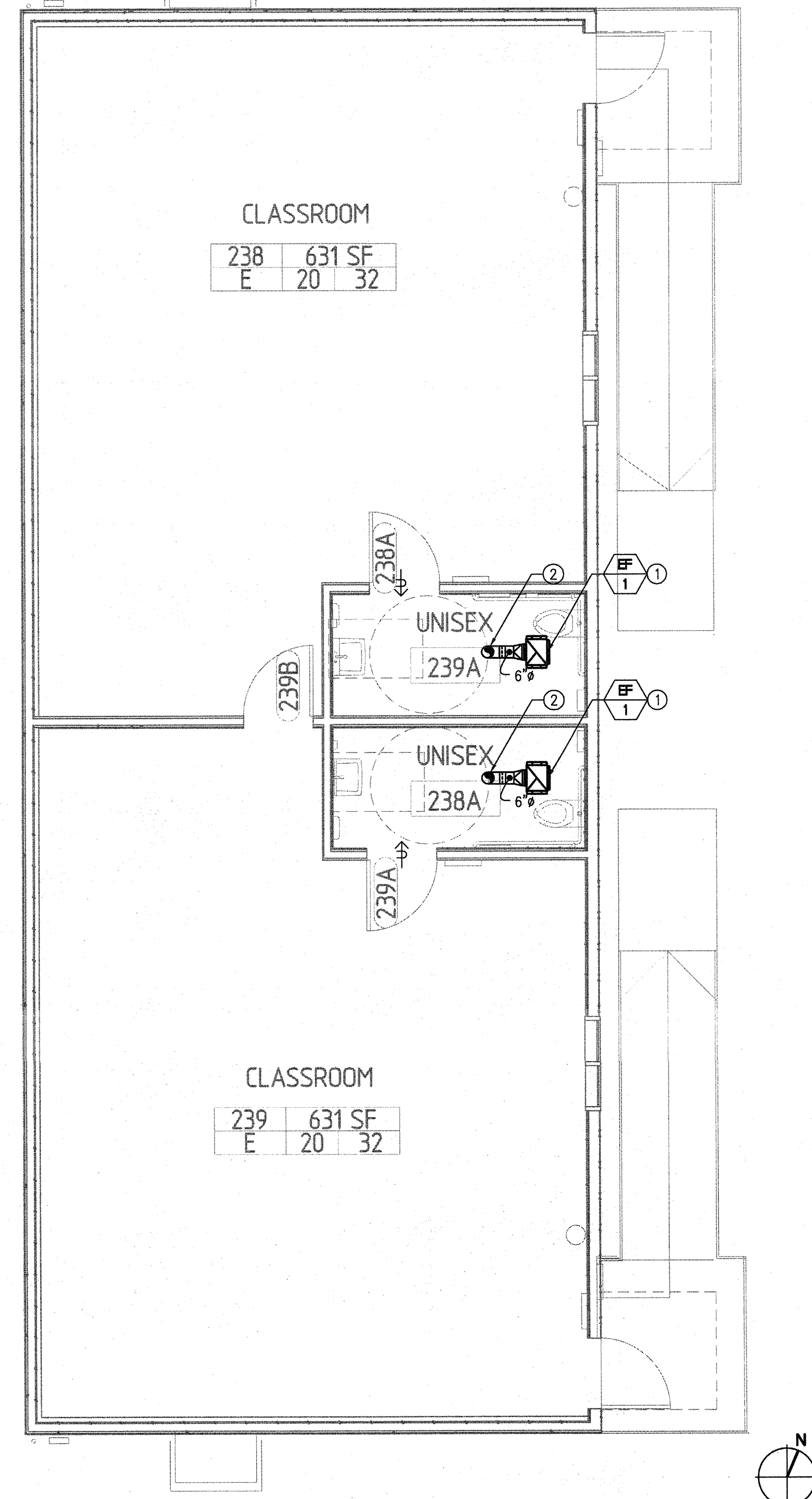
- NOTE THAT ROOF COMPOSITION SHOWN HERE IS GENERIC AND SHOULD NOT BE USED FOR PRICING OR CONSTRUCTION - IN ALL INSTANCES.
REFER TO EXHAUST FAN SCHEDULE FOR REQUIRED ACCESSORIES.

GENERAL NOTES

- PROVIDE UNDERCUT TO RESTROOM DOORS.
REFERENCE NOTES
1. CEILING MOUNTED EXHAUST FAN WITH BACKDRAFT DAMPER, INTERLOCK WITH LIGHTSWITCH.
2. 6" EXHAUST DUCT TO TERMINATE UP TO ROOF. PROVIDE ROOF JACK.



TYPICAL CEILING MOUNTED EXHAUST FAN DETAIL



MECHANICAL PORTABLE R9 FLOOR PLAN

FAN SCHEDULE

Table with columns: MARK, QTY, MAKE, MODEL, FAN TYPE, CFM, ESP (IN), MAX RPM, SONES, MOTOR DATA (AMPS, WATTS, V, PH), OPER. WT. LBS., REMARKS.

MECHANICAL SYMBOLS LEGEND

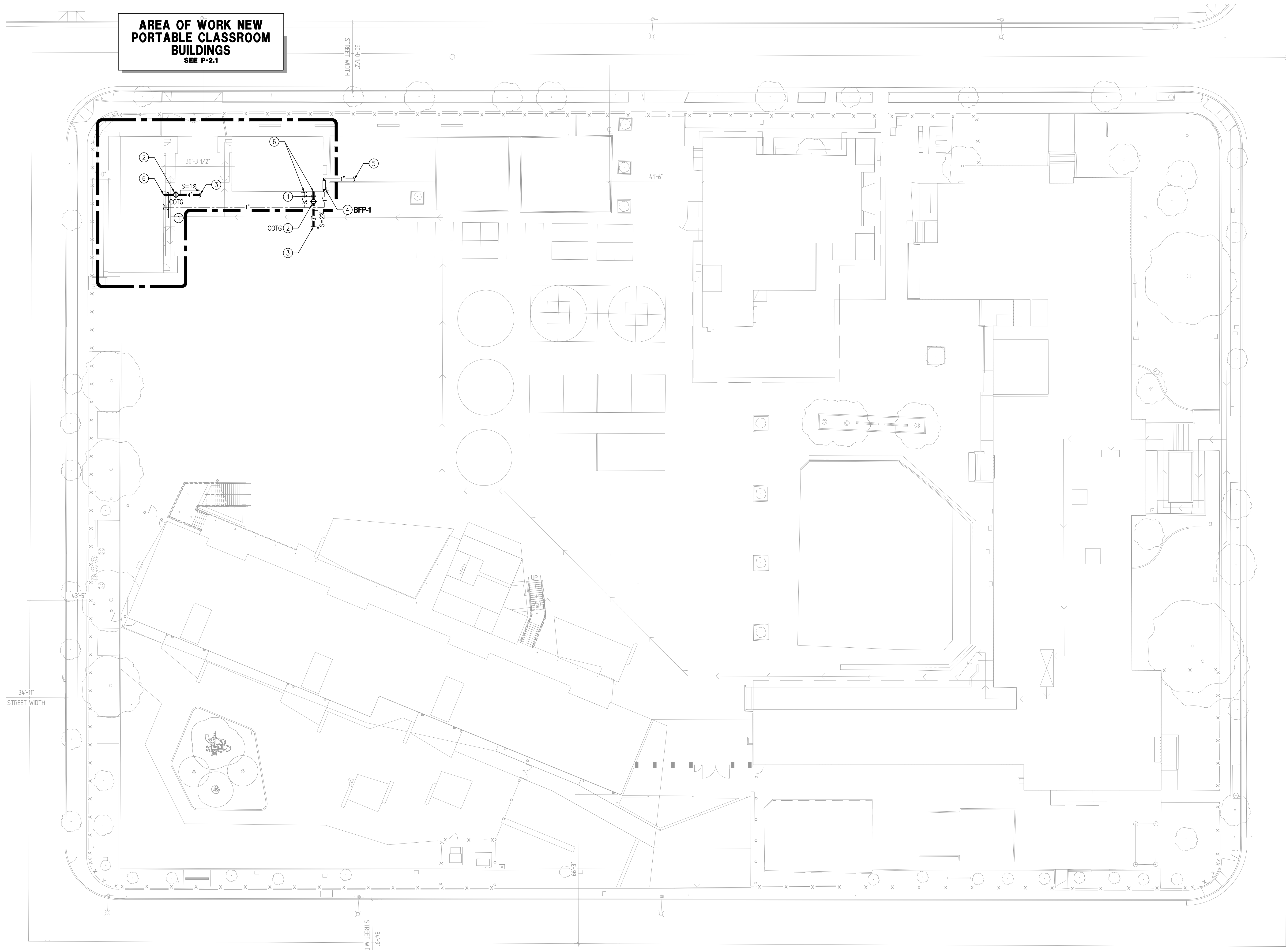
Legend table with columns: SYMBOL, ABBR, DESCRIPTION. Includes symbols for ductwork, transitions, elbows, undercuts, and equipment identification.

MECHANICAL SHEET INDEX

Table with columns: SHEET NO., SHEET TITLE, CURRENT ISSUE.

STATEMENT OF GENERAL CONFORMANCE
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

Signature and date fields for the Statement of General Conformance, including fields for Designer, Architect, and Engineer.



GENERAL NOTES

- ① PLUMBING CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION AND ROUTING OF ALL EXISTING UTILITY PIPING AND ANY EQUIPMENT ASSOCIATED.
- ② PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL VERIFY ALL EXISTING FINISHED FLOOR ELEVATIONS AND INVERT ELEVATIONS.
- ③ PRIOR TO ORDERING ANY PLUMBING FIXTURES, VERIFY ALL EXISTING CONDITIONS.
- ④ READ WITH ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
- ⑤ READ WITH CIVIL DRAWINGS.

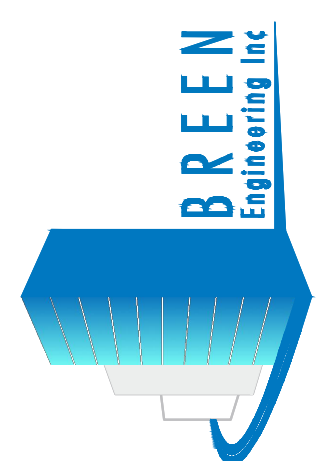
REFERENCE NOTES

- ① PIPING BELOW GRADE.
- ② CLEANOUT TO GRADE.
- ③ NEW 4" SEWER TO CONNECT TO UTILITY PIPING BY CIVIL.
- ④ NEW 1" REDUCED PRESSURE BACKFLOW PREVENTER.
- ⑤ NEW 1" DOMESTIC COLD WATER SUPPLY FOR PORTABLE BUILDING. CONNECT TO UTILITY PIPING BY CIVIL.
- ⑥ SEE PLUMBING SHEET P-2.1 FOR CONTINUATION.

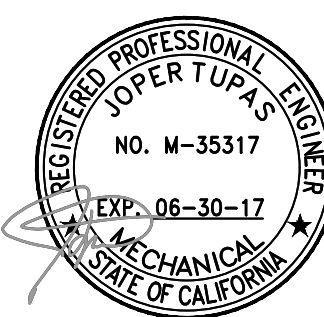


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 TEL: (310) 464-3804
 WWW.BREENENG.COM



GUSD
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 BERNARD FRANKLIN ELEMENTARY SCHOOL
 1610 LAKE STREET, GLENDALE, CA 91201

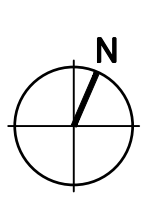


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 DATE 06.01.16
 DRAWN KT
 CHECKED JS

PLUMBING SITE PLAN

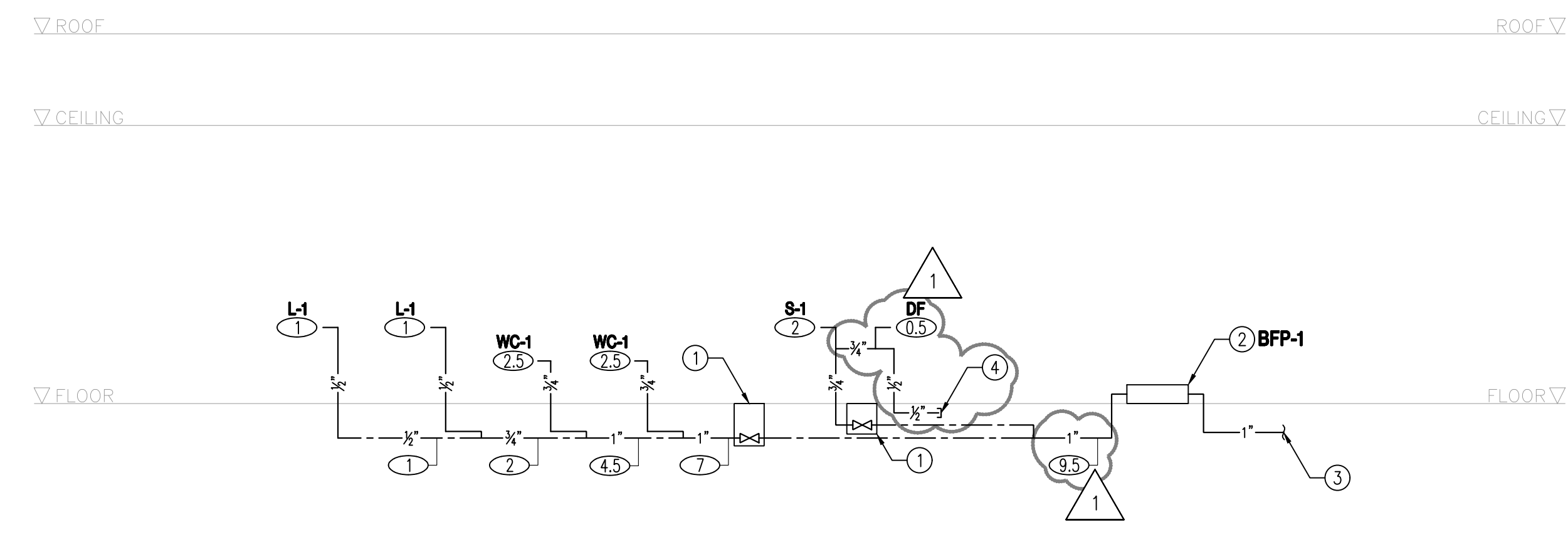
SCALE
 13/256" = 1'-0"



DWG/PDF Created On: Feb 06, 2017 - 9:54am Plotted By: Iramirez File Name: H:\Projects\273 NAC Architecture\3-001 - Franklin ESCAD\Two New Portable Classrooms\Plumbing\P-21 PLUMBING ENLARGED WASTE & WATER PIPING PLAN.dwg PLOTTED PAPER SIZE (DRAWING HAS BEEN SCALED TO DIFFERENT ARCH EXHIBIT) (30.00 X 42.00 INCHES) PLOT SCALE: 1/4" = 1'-0" STYLE: BUCKARD2000.STB

REFERENCE NOTES

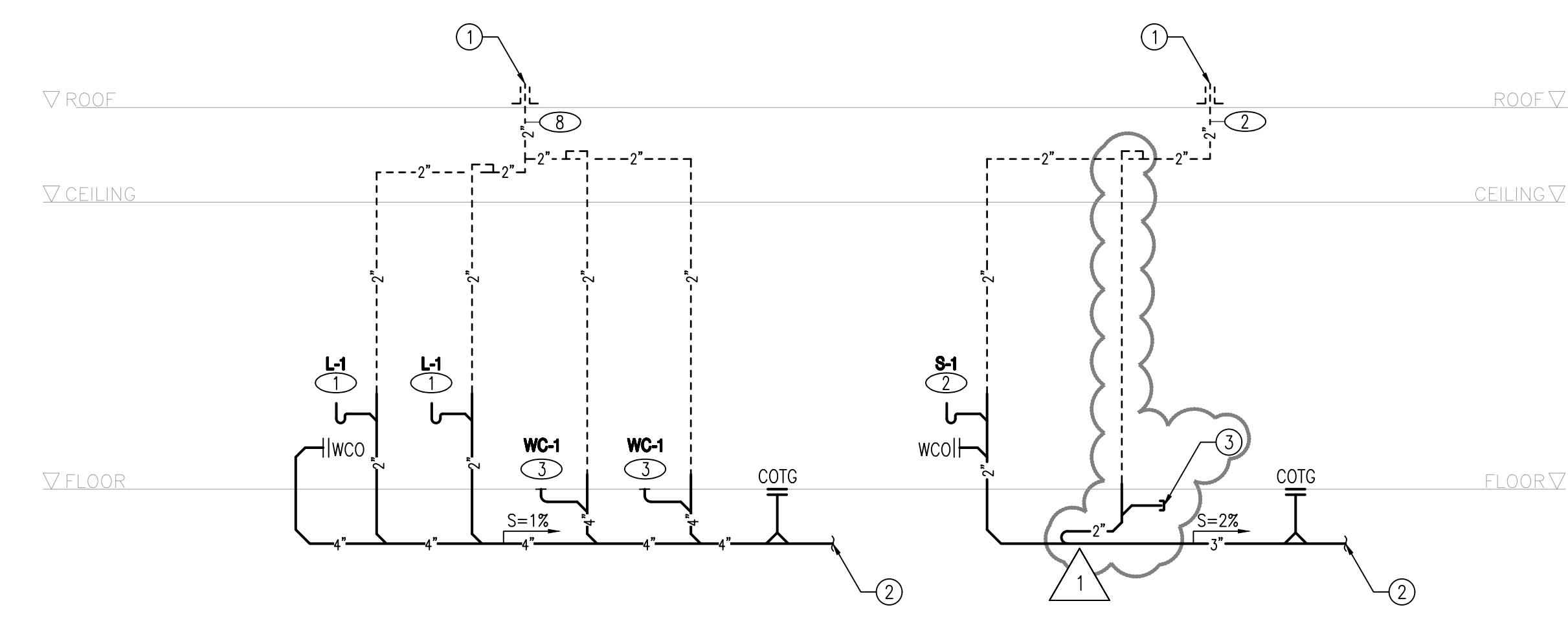
- ① COLD WATER SHUT-OFF VALVE INSIDE YARD BOX.
- ② 1" REDUCED PRESSURE BACKFLOW PREVENTER. REFER TO DETAIL 2/P-0.1.
- ③ 1" DOMESTIC COLD WATER SUPPLY FOR PORTABLE BUILDING. CONNECT TO UTILITY PIPING BY CIVIL.
- ④ 1/2" COLD WATER STUBOUT TO SUPPLY EXISTING RELOCATED OUTDOOR DRINKING FOUNTAIN.



COLD WATER RISER DIAGRAMS

REFERENCE NOTES

- ① 2" VENT THROUGH ROOF.
- ② WASTE PIPING TO CONNECT TO UTILITY PIPING BY CIVIL.
- ③ 2" WASTE STUBOUT FOR EXISTING RELOCATED OUTDOOR DRINKING FOUNTAIN.



WASTE & VENT RISER DIAGRAMS

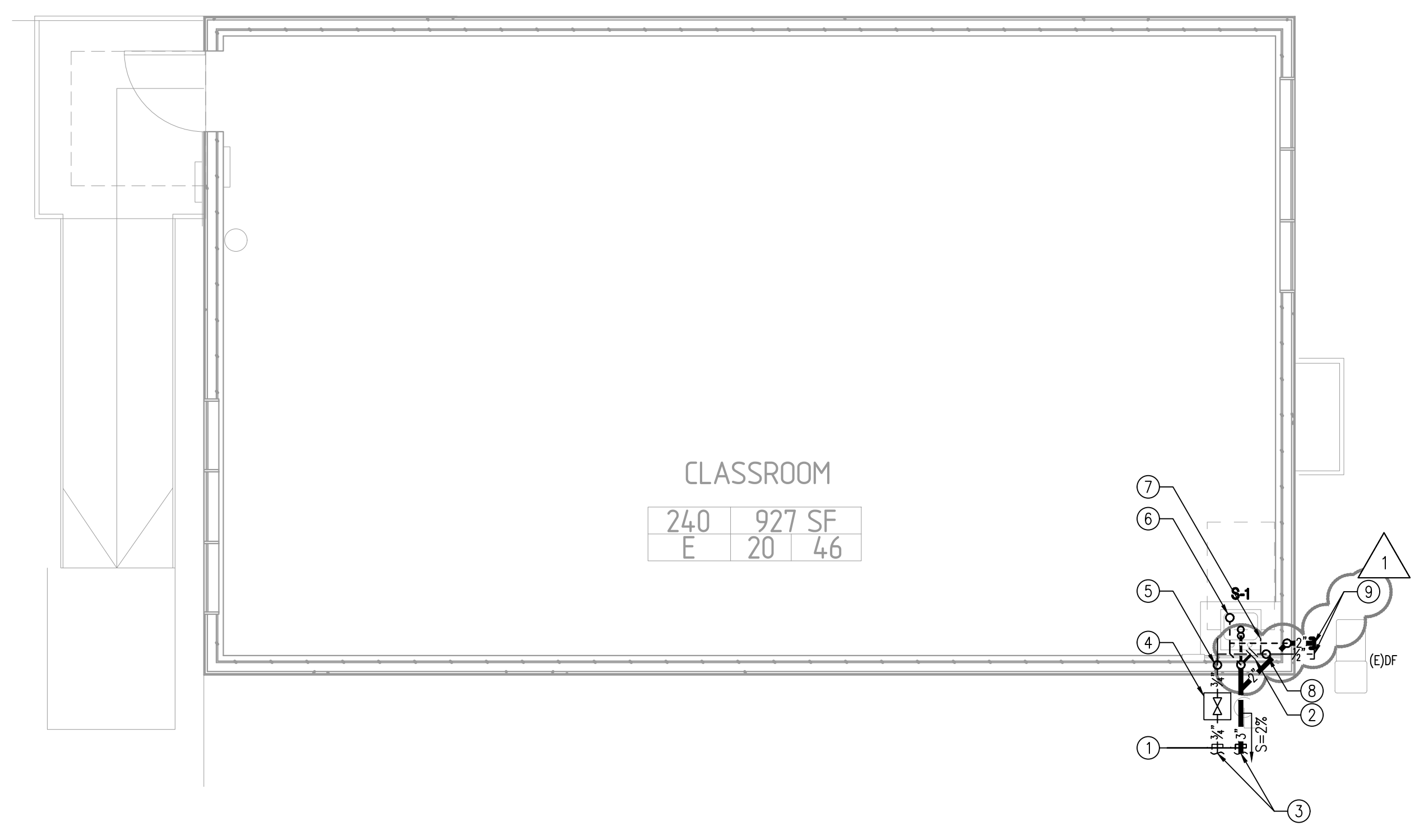
3

GENERAL NOTES

- ① PLUMBING CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION AND ROUTING OF ALL EXISTING UTILITY PIPING AND ANY EQUIPMENT ASSOCIATED.
- ② PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL VERIFY ALL EXISTING FINISHED FLOOR ELEVATIONS AND INVERT ELEVATIONS.
- ③ PRIOR TO ORDERING ANY PLUMBING FIXTURES, VERIFY ALL EXISTING CONDITIONS.

REFERENCE NOTES

- ① PIPING BELOW GRADE.
- ② WALL CLEANOUT.
- ③ SEE PLUMBING SITE PLAN FOR CONTINUATION.
- ④ COLD WATER SHUT-OFF VALVE INSIDE YARD BOX.
- ⑤ COLD WATER FROM BELOW TO SUPPLY PLUMBING FIXTURE.
- ⑥ 2" VENT THROUGH ROOF.
- ⑦ COLD WATER PIPING AT LOW LEVEL BELOW COUNTER TO SUPPLY DRINKING FOUNTAIN BUBBLER.
- ⑧ COLD WATER PIPE DOWN BELOW GRADE.
- ⑨ 1/2" COLD WATER AND 2" WASTE PIPING STUBOUTS BELOW GRADE TO SUPPLY RELOCATED EXISTING OUTDOOR DRINKING FOUNTAIN.



PLUMBING PORTABLE R17 WASTE & WATER PIPING PLAN

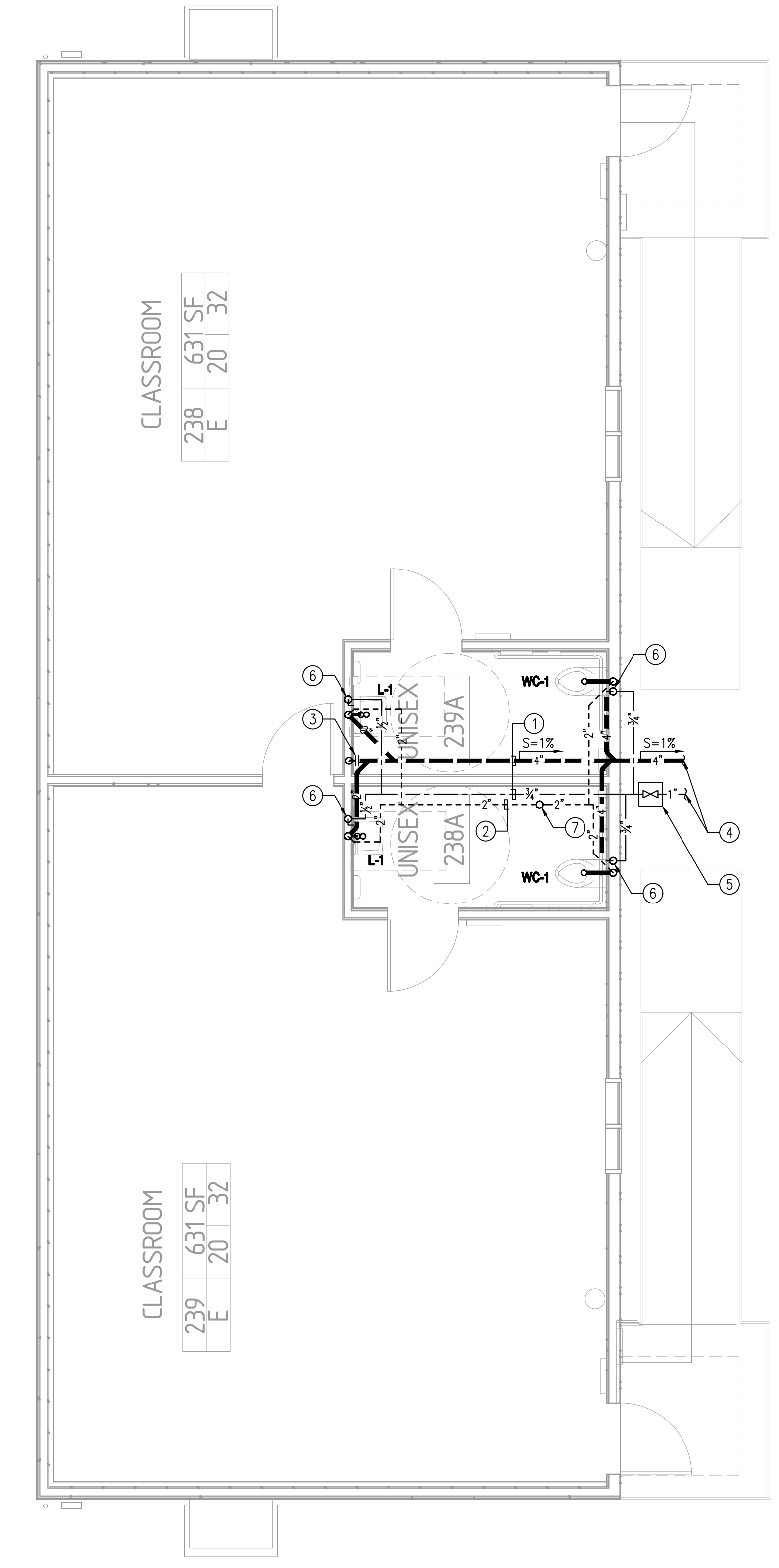
SCALE: 1/4" = 1'-0" 2

GENERAL NOTES

- ① PLUMBING CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION AND ROUTING OF ALL EXISTING UTILITY PIPING AND ANY EQUIPMENT ASSOCIATED.
- ② PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL VERIFY ALL EXISTING FINISHED FLOOR ELEVATIONS AND INVERT ELEVATIONS.
- ③ PRIOR TO ORDERING ANY PLUMBING FIXTURES, VERIFY ALL EXISTING CONDITIONS.

REFERENCE NOTES

- ① PIPING BELOW GRADE.
- ② PIPING AT HIGH LEVEL CEILING SPACE.
- ③ WALL CLEANOUT.
- ④ SEE PLUMBING SITE PLAN FOR CONTINUATION.
- ⑤ COLD WATER SHUT-OFF VALVE INSIDE YARD BOX.
- ⑥ COLD WATER FROM BELOW TO SUPPLY PLUMBING FIXTURE.
- ⑦ 2" VENT THROUGH ROOF.



PLUMBING PORTABLE R9 WASTE & WATER PIPING PLAN

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

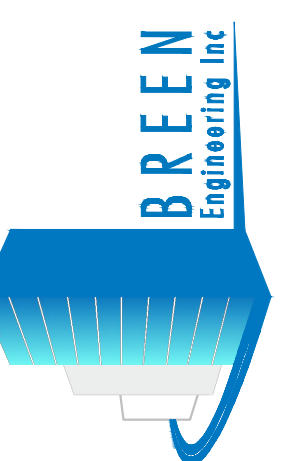


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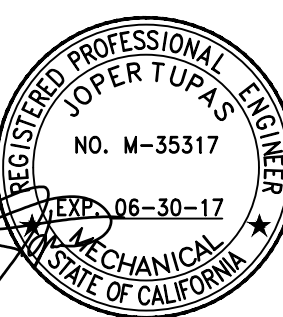
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REGANIAN FRANKLIN ELEMENTARY SCHOOL
1610 LAKE STREET, GLENDALE, CA 91201



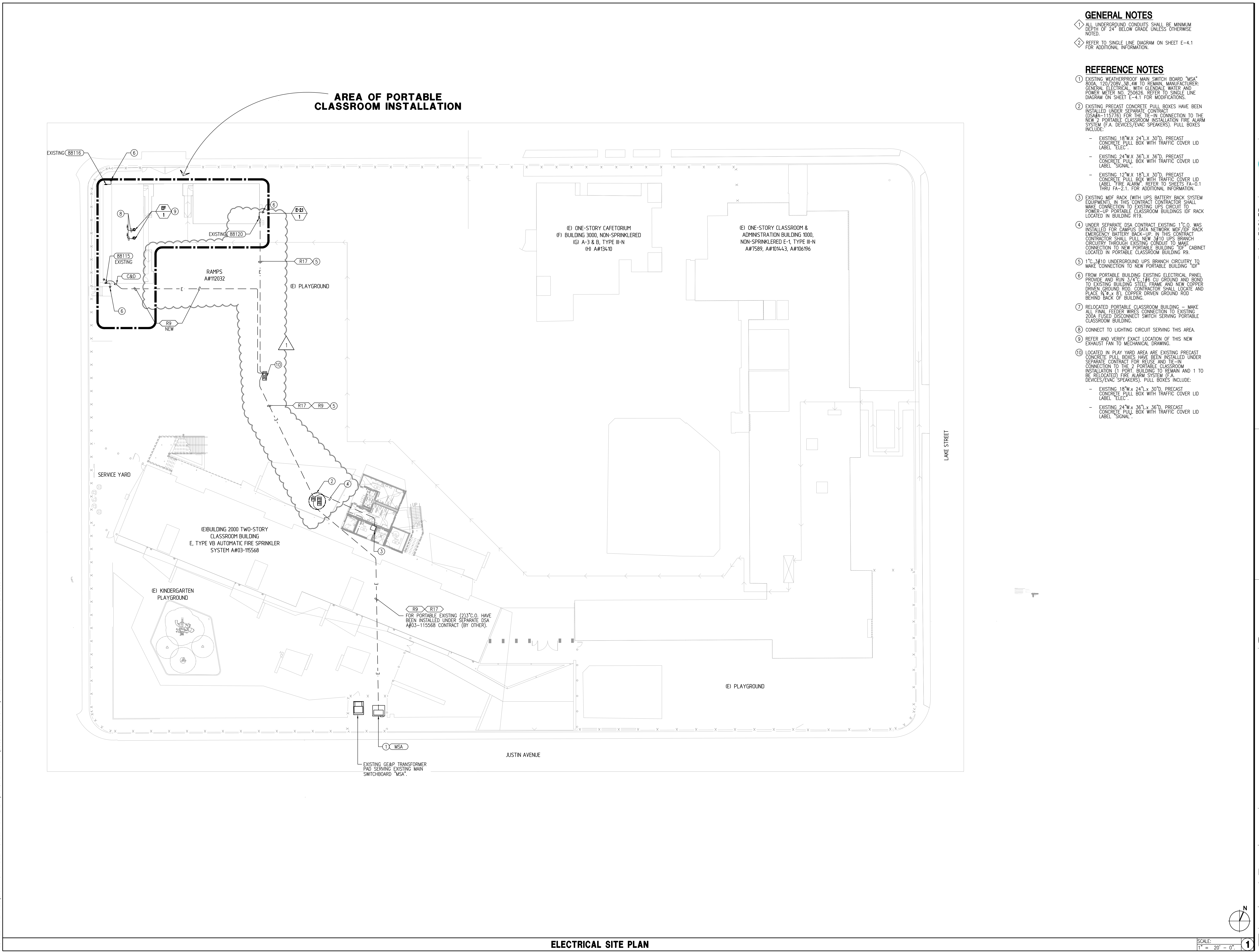
NAC ARCHITECTURE

PROJ. NO. 273-13-001
DATE: 06.01.16
DRAWN: KT
CHECKED: JS

PLUMBING ENLARGED WASTE & WATER PIPING PLAN

SCALE: #####

DWG PLOT CHECKED ON: Feb 02, 2017 - 11:37am Ploater, Breen, H:\Projects\273 MAC Architecture\13-001 - Franklin ESCAD\13-001 - Franklin Classroom\Electrical\E-10 ELECTRICAL SITE PLAN.DWG
 PLOTTED PAPER SIZE (DRAWING HAS BEEN SCALED IF DIFFERENT) ARCH/EXPAND E1 (30.00 X 42.00 INCHES) PLOT SCALE: 1:1 (2007) PLOT STYLE: BWACAD2000.STB



ELECTRICAL SITE PLAN

GENERAL NOTES

- 1 ALL UNDERGROUND CONDUITS SHALL BE MINIMUM DEPTH OF 24" BELOW GRADE UNLESS OTHERWISE NOTED.
- 2 REFER TO SINGLE LINE DIAGRAM ON SHEET E-4.1 FOR ADDITIONAL INFORMATION.

REFERENCE NOTES

- 1 EXISTING WEATHERPROOF MAIN SWITCH BOARD "MSA" 800A, 120/208V, 3Ø, 4W TO REMAIN, MANUFACTURER: GENERAL ELECTRICAL, WITH GLENDALE WATER AND POWER METER NO. 250626. REFER TO SINGLE LINE DIAGRAM ON SHEET E-4.1 FOR MODIFICATIONS.
- 2 EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT (DSA#-115776) FOR THE TIE-IN CONNECTION TO THE NEW 2 PORTABLE CLASSROOM INSTALLATION FIRE ALARM SYSTEM (F.A. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".
 - EXISTING 12"W X 18"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "FIRE ALARM" REFER TO SHEETS FA-0.1 THRU FA-2.1. FOR ADDITIONAL INFORMATION.
- 3 EXISTING MDF RACK (WITH UPS BATTERY BACK SYSTEM EQUIPMENT) IN THIS CONTRACT CONTRACTOR SHALL MAKE CONNECTION TO EXISTING UPS CIRCUIT TO POWER-UP PORTABLE CLASSROOM BUILDINGS IDF RACK LOCATED IN BUILDING R9.
- 4 UNDER SEPARATE DSA CONTRACT EXISTING 1" C.O. WAS INSTALLED FOR CAMPUS DATA NETWORK MDF/IDF RACK EMERGENCY BATTERY BACK-UP. IN THIS CONTRACT CONTRACTOR SHALL PULL NEW 3/10 UPS BRANCH CIRCUITRY THROUGH EXISTING CONDUIT TO MAKE CONNECTION TO NEW PORTABLE BUILDING "IDF" CABINET LOCATED IN PORTABLE CLASSROOM BUILDING R9.
- 5 1" C. #10 UNDERGROUND UPS BRANCH CIRCUITRY TO MAKE CONNECTION TO NEW PORTABLE BUILDING "IDF".
- 6 FROM PORTABLE BUILDING EXISTING ELECTRICAL PANEL PROVIDE AND RUN 3/4" #8 CU GROUND AND BOND TO EXISTING BUILDING STEEL FRAME AND NEW COPPER DRIVEN GROUND ROD. CONTRACTOR SHALL LOCATE AND PLACE 2" x 8" x 8" COPPER DRIVEN GROUND ROD BEHIND BACK OF BUILDING.
- 7 RELOCATED PORTABLE CLASSROOM BUILDING - MAKE ALL FINAL FEEDER WIRES CONNECTION TO EXISTING 200A FUSED DISCONNECT SWITCH SERVING PORTABLE CLASSROOM BUILDING.
- 8 CONNECT TO LIGHTING CIRCUIT SERVING THIS AREA.
- 9 REFER AND VERIFY EXACT LOCATION OF THIS NEW EXHAUST FAN TO MECHANICAL DRAWING.
- 10 LOCATED IN PLAY YARD AREA ARE EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT FOR REUSE AND TIE-IN CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION (1 PORT BUILDING TO REMAIN AND 1 TO BE RELOCATED) FIRE ALARM SYSTEM (F.A. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".

REVISIONS
1 BID ADDENDA 02-02-17

CONSTRUCTION DOCUMENTS



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 FILE NO. 18441
 APPL. NO. 03-117210

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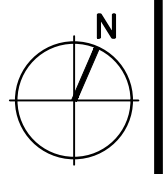
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 DATE: 02.02.17
 DRAWN: CVK,FT
 CHECKED: DM

ELECTRICAL SITE PLAN

SCALE: AS NOTED

E-10

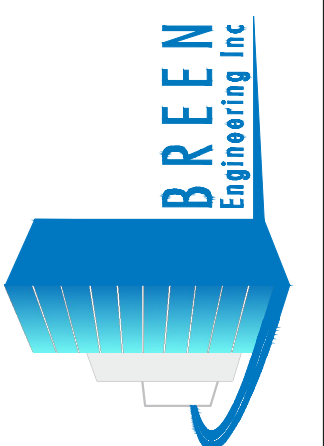


SCALE: 1" = 20' - 0"



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FRANKLIN PORTABLES
1870 LAKE STREET, GLENDALE, CA 91201



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PROJ. NO: 273-13-001
DATE: 02.02.17
DRAWN: CVK, FT
CHECKED: DM

SIGNAL SYSTEM SITE PLAN

SCALE: AS NOTED

E-11

GENERAL NOTES

- 1 ALL UNDERGROUND CONDUITS SHALL BE MINIMUM DEPTH OF 24" BELOW GRADE UNLESS OTHERWISE NOTED.
- 2 FOR NEW AND EXISTING FIRE ALARM SYSTEM UNDERGROUND CONDUIT SYSTEM INSTALLATION AND FIRE ALARM DEVICES REFER TO SHEETS FA-0.1 THRU FA-2.1.

REFERENCE NOTES

- 1 ALL EXISTING SIGNAL SYSTEMS (MOF DATA EQUIP, PA/SOUND PUNCH BLOCKS, PHONE PUNCH BLOCKS, ETC.) ARE LOCATED IN COMMUNICATION ROOM OF THE 2 STORY CLASSROOM BUILDING.
- 2 SCHOOL CAMPUS MAIN DATA RACK "MOF". CONTRACTOR SHALL MAKE ALL FIBER-OPTIC AND DATA WIRING CONNECTIONS AS REQUIRED TO INTERCONNECT PORTABLE BUILDING "ID" WITH "MOF" FOR CAMPUS WIDE DATA NETWORK COMMUNICATION.
- 3 UNDER SEPARATE DSA CONTRACT AND FOR THE SIGNAL SYSTEMS (MOF DATA EQUIP, PA/SOUND, PHONE EQUIPMENT RACK) THE FOLLOWING EXISTING CONDUIT INSTALLATIONS HAVE BEEN INSTALLED:
 - (1) 4" C WITH DATA CABLING AS REQUIRED.
 - (1) 2" C WITH TELEPHONE AND PA CABLING AS REQUIRED.
 - (1) 1" C FOR SECURITY SYSTEM CABLING.
 - (1) 2" C WITH FIRE ALARM SYSTEM WIRING (SEE GENERAL NOTE 7).

IN THIS CONTRACT CONTRACTOR SHALL USE THE ABOVE CONDUIT INSTALLATION TO MAKE CONNECTION TO PORTABLE CLASSROOM ATTENDED BY THIS CONTRACTOR.

- 4 EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT (DSABA-115776) FOR THE "IN" CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION FIRE ALARM SYSTEM (I.E. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".
 - EXISTING 12"W X 18"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "FIRE ALARM". REFER TO SHEETS FA-0.1 THRU FA-2.1 FOR ADDITIONAL INFORMATION.

- 5 LOCATED IN PLAY YARD AREA ARE EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT FOR REUSE AND RE-IN CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION. FOR BUILDING TO REMAIN AND 1 TO BE RELOCATED FIRE ALARM SYSTEM (I.E. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".

- 6 AT PORTABLE BUILDING EXTERIOR CONTRACTOR SHALL RELOCATE EXISTING WEATHER PROOF 6" SQ X 18" WIRING GUTTER FOR SIGNAL SYSTEM CONDUIT INSTALLATION. FOR SIGNAL CABLING ROUTING FROM CUTTER STUB THE FOLLOWING CONDUITS (4" C, 2" C, 1.5" C AND 1" C) INTO THE CEILING SPACE OF THE CLASSROOM.

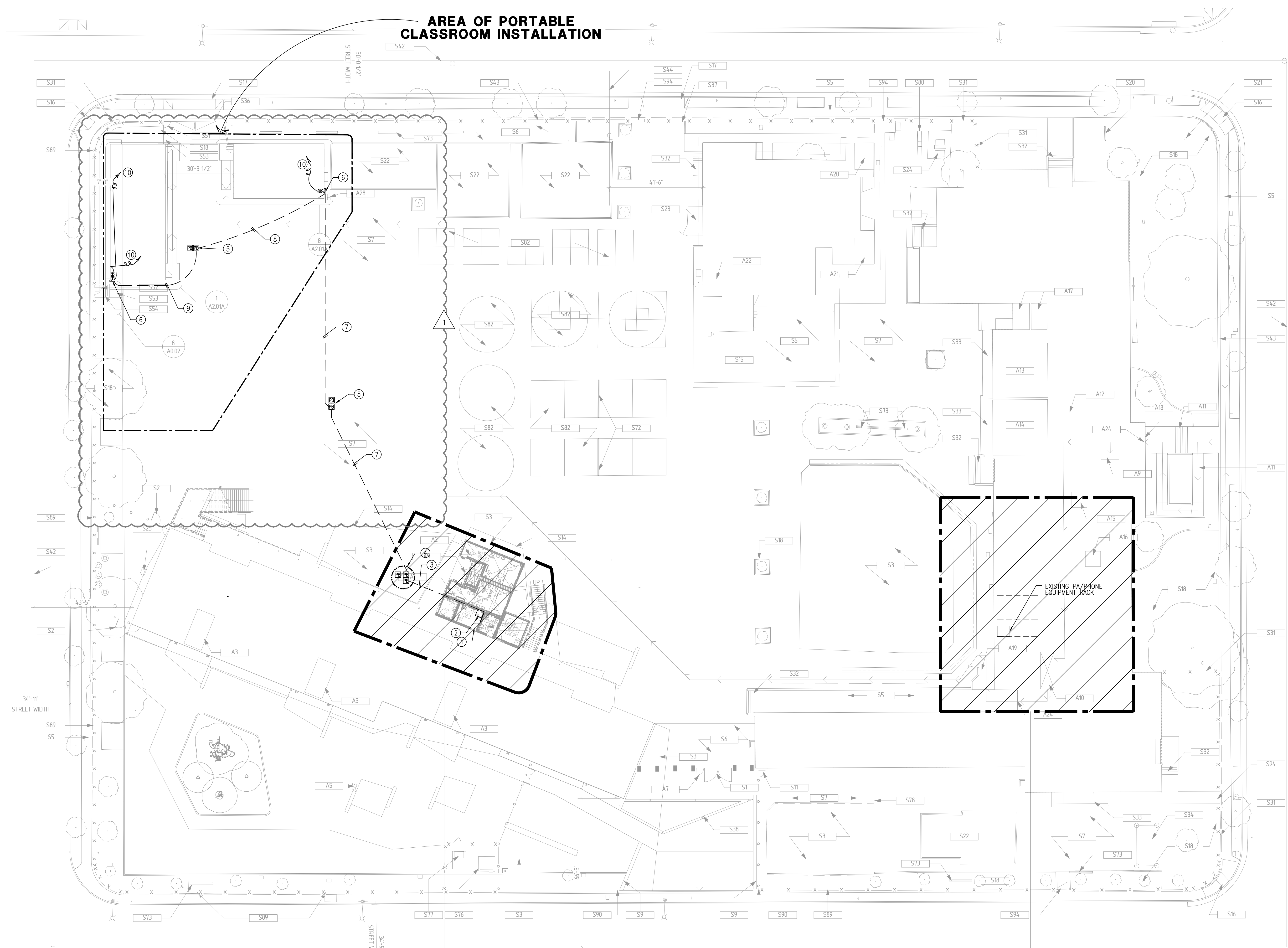
- 7 EXISTING UNDERGROUND CONDUIT SYSTEM TO REMAIN IN PLACE AND BE REUSED FOR THE CONNECTION OF (2) PORTABLE CLASSROOM BUILDING:
 - (1) 2" C WITH (2) 8 STRAND SINGLE MODE FIBEROPTIC CABLE AND (2) CAT.6 DATA CABLES FOR THE CONNECTION BETWEEN MOF AND ID.
 - (1) 2" C WITH (2) TELEPHONE CABLES, 2 PA SPEAKER CABLES AND 4#12PUSH TO CALL CABLES.
 - (1) 1" C FOR (4) SECURITY ALARM SYSTEM CABLES.
 - (1) 1 1/2" C WITH FIRE ALARM SYSTEM WIRING (SEE GENERAL NOTE 2).

- 8 EXISTING UNDERGROUND CONDUIT SYSTEM TO REMAIN IN PLACE AND BE REUSED FOR THE CONNECTION OF (2) PORTABLE CLASSROOM BUILDING:
 - (1) EXISTING 2" C. PROVIDE AND PULL NEW (7) CAT.6 DATA CABLES FOR THE CONNECTION BETWEEN DATA OUTLETS AND ID.
 - (1) 2" C WITH (1) TELEPHONE CABLES, 1 PA SPEAKER CABLES AND 4#12PUSH TO CALL CABLES.
 - (1) 1" C FOR (2) SECURITY ALARM SYSTEM CABLES.
 - (1) 1 1/2" C WITH FIRE ALARM SYSTEM WIRING (SEE GENERAL NOTE 2).

- 9 NEW UNDERGROUND CONDUIT SYSTEM INSTALLATION WITH WIRING FOR THE CONNECTION OF RELOCATED PORTABLE CLASSROOM BUILDING:
 - (1) (16) CAT.6 DATA CABLES FOR THE CONNECTION BETWEEN CLASSROOM DATA OUTLETS AND ID.
 - (1) 2" C WITH (1) TELEPHONE CABLES, 1 PA SPEAKER CABLES AND 4#12PUSH TO CALL CABLES.
 - (1) 1" C FOR (2) SECURITY ALARM SYSTEM CABLES.
 - (1) 1 1/2" C WITH FIRE ALARM SYSTEM WIRING (SEE GENERAL NOTE 2).

- 10 FOR EACH PORTABLE BUILDING CLASSROOM LOCATION PROVIDE FROM THE ID CABINET: (8) CAT. 5e DATA AND EXTEND CABLE DROPS WITHIN CLASSROOM. EACH DROP SHALL BE COIL-UP AT LEAST 25 FT OF SLACK CAT. 5e CABLING TO MAKE CONNECTIONS TO (6) DATA COMPUTER JACKS WITHIN ROOM. RUN CABLING ABOVE CEILING.

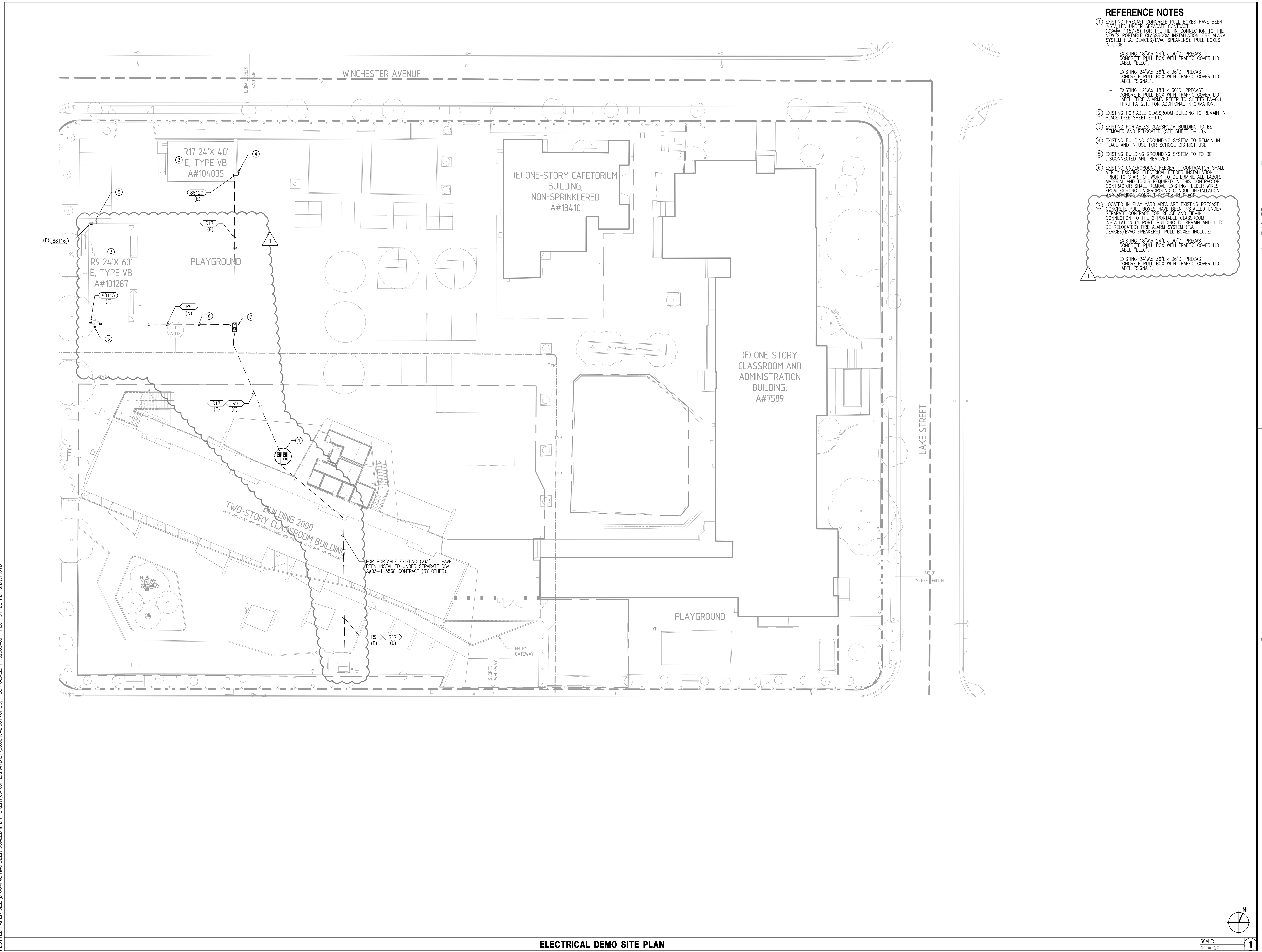
AREA OF PORTABLE CLASSROOM INSTALLATION



UNLESS OTHERWISE NOTED ALL WORK SHOWN IN HASHED BLOCK-OUT AREA IS EXISTING TO REMAIN AND WAS INSTALLED UNDER SEPARATE CONTRACTS AND DSA APPROVAL SUBMITTALS.

UNLESS OTHERWISE NOTED ALL WORK SHOWN IN HASHED BLOCK-OUT AREA IS EXISTING TO REMAIN AND WAS INSTALLED UNDER SEPARATE CONTRACTS AND DSA APPROVAL SUBMITTALS.

SIGNAL SYSTEM SITE PLAN

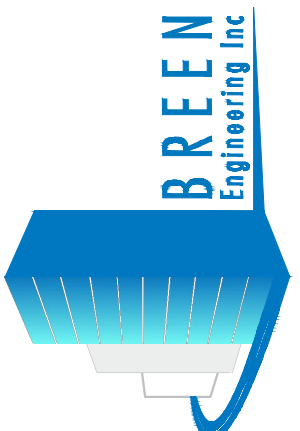


- REFERENCE NOTES**
- ① EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT (DSA#-115776) FOR THE TIE-IN CONNECTION TO THE NEW 2 PORTABLE CLASSROOM INSTALLATION FIRE ALARM SYSTEM (F.A. DEVICES/EVC. SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W x 24"L x 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC."
 - EXISTING 24"W x 36"L x 36"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL."
 - EXISTING 12"W x 18"L x 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "FIRE ALARM". REFER TO SHEETS FA-0.1 THRU FA-2.1. FOR ADDITIONAL INFORMATION.
 - ② EXISTING PORTABLE CLASSROOM BUILDING TO REMAIN IN PLACE (SEE SHEET E-1.0).
 - ③ EXISTING PORTABLES CLASSROOM BUILDING TO BE REMOVED AND RELOCATED (SEE SHEET E-1.0).
 - ④ EXISTING BUILDING GROUNDING SYSTEM TO REMAIN IN PLACE AND IN USE FOR SCHOOL DISTRICT USE.
 - ⑤ EXISTING BUILDING GROUNDING SYSTEM TO BE DISCONNECTED AND REMOVED.
 - ⑥ EXISTING UNDERGROUND FEEDER - CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL FEEDER INSTALLATION PRIOR TO START OF WORK TO DETERMINE ALL LABOR, MATERIAL AND TOOLS REQUIRED IN THIS CONTRACTOR. CONTRACTOR SHALL REMOVE EXISTING FEEDER WIRES FROM EXISTING UNDERGROUND CONDUIT INSTALLATION AND ABANDON CONDUIT SYSTEM IN PLACE.
 - ⑦ LOCATED IN PLAY YARD AREA ARE EXISTING PRECAST CONCRETE PULL BOXES. HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT FOR REUSE AND TIE-IN CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION (2 PORT. BUILDING TO REMAIN AND 1 TO BE RELOCATED) FIRE ALARM SYSTEM (F.A. DEVICES/EVC. SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W x 24"L x 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC."
 - EXISTING 24"W x 36"L x 36"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL."



IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE NO. 1841
APPL. NO. 03-117210

AC: FLS SS
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FAX: (310) 664-8408
WWW.BRENEE.COM



FRANKLIN PORTABLES
1870 LAKE STREET, GLENDALE, CA 91201



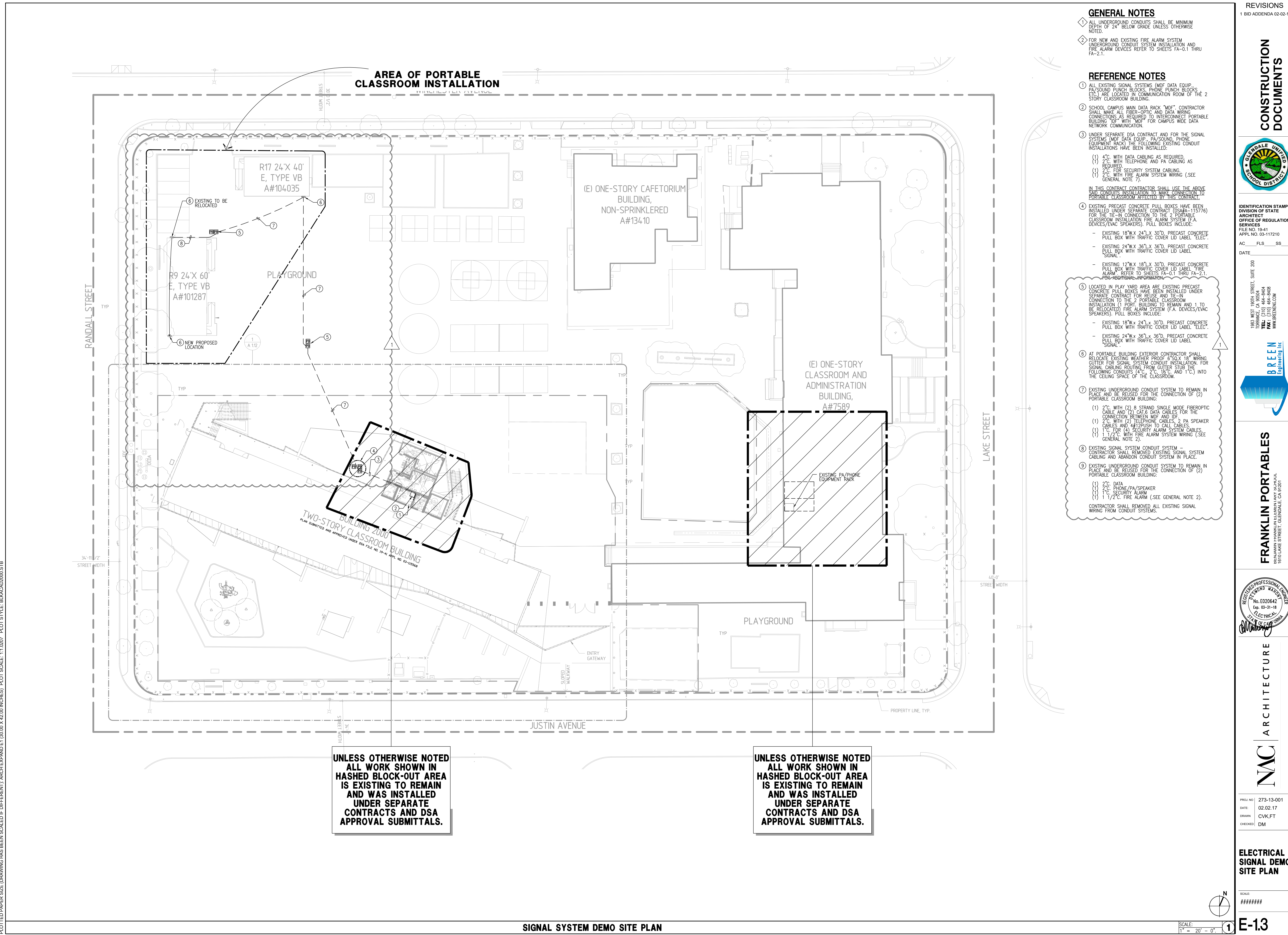
NAC ARCHITECTURE
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WWW.NACARCHITECTURE.COM

PROJ. NO: 273-13-001
DATE: 02.02.17
DRAWN: CVK, FT
CHECKED: DM

ELECTRICAL DEMO SITE PLAN

SCALE:
1" = 20'

DWG PLOT CHECKED ON: Feb 02, 2017 5:44am. PLOTTED BY: Breen Engineering, Inc. Project: 273-13-001 - Franklin ESC/AD Two New Portable Classrooms/Electrical 1.3 ELECTRICAL SIGNAL DEMO SITE PLAN.dwg
 PLOTTED PAPER SIZE (DRAWING HAS BEEN SCALED IF DIFFERENT): ARCH EXPAND E1 (30.00 X 42.00 INCHES) ARCH EXPAND E1 (30.00 X 42.00 INCHES) PLOT STYLE: BWACAD2000.STB



**UNLESS OTHERWISE NOTED
 ALL WORK SHOWN IN
 HASHED BLOCK-OUT AREA
 IS EXISTING TO REMAIN
 AND WAS INSTALLED
 UNDER SEPARATE
 CONTRACTS AND DSA
 APPROVAL SUBMITTALS.**

**UNLESS OTHERWISE NOTED
 ALL WORK SHOWN IN
 HASHED BLOCK-OUT AREA
 IS EXISTING TO REMAIN
 AND WAS INSTALLED
 UNDER SEPARATE
 CONTRACTS AND DSA
 APPROVAL SUBMITTALS.**

- GENERAL NOTES**
- ALL UNDERGROUND CONDUITS SHALL BE MINIMUM DEPTH OF 24" BELOW GRADE UNLESS OTHERWISE NOTED.
 - FOR NEW AND EXISTING FIRE ALARM SYSTEM UNDERGROUND CONDUIT SYSTEM INSTALLATION AND FIRE ALARM DEVICES REFER TO SHEETS FA-0.1 THRU FA-2.1.
- REFERENCE NOTES**
- ALL EXISTING SIGNAL SYSTEMS (MOD DATA EQUIP, PA/SOUND PUNCH BLOCKS, PHONE PUNCH BLOCKS, ETC.) ARE LOCATED IN COMMUNICATION ROOM OF THE 2 STORY CLASSROOM BUILDING.
 - SCHOOL CAMPUS MAIN DATA RACK "MDF". CONTRACTOR SHALL MAKE ALL FIBER-OPTIC AND DATA WIRING CONNECTIONS AS REQUIRED TO INTERCONNECT PORTABLE BUILDING "ID" WITH "MDF" FOR CAMPUS WIDE DATA NETWORK COMMUNICATION.
 - UNDER SEPARATE DSA CONTRACT AND FOR THE SIGNAL SYSTEMS (MOD DATA EQUIP, PA/SOUND PHONE EQUIPMENT RACK) THE FOLLOWING EXISTING CONDUIT INSTALLATIONS HAVE BEEN INSTALLED:
 - (1) 4" C WITH DATA CABLING AS REQUIRED.
 - (1) 2" C WITH TELEPHONE AND PA CABLING AS REQUIRED.
 - (1) 1" C FOR SECURITY SYSTEM CABLING.
 - (1) 2" C WITH FIRE ALARM SYSTEM WIRING (SEE GENERAL NOTE 7).

- IN THIS CONTRACT CONTRACTOR SHALL USE THE ABOVE AND CONDUITS INSTALLATION TO MAKE CONNECTION TO PORTABLE CLASSROOM ATTENDED BY THIS CONTRACTOR.
- EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT (DSAA-115776) FOR THE TIE-IN CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION FIRE ALARM SYSTEM (E.A. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".
 - EXISTING 12"W X 18"L X 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "FIRE ALARM". REFER TO SHEETS FA-0.1 THRU FA-2.1 FOR ADDITIONAL INFORMATION.
 - LOCATED IN PLAY YARD AREA ARE EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT FOR REUSE AND TIE-IN CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION. (1) FOR BUILDINGS TO REMAIN AND (1) TO BE RELOCATED FIRE ALARM SYSTEM (E.A. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".
 - AT PORTABLE BUILDING EXTERIOR CONTRACTOR SHALL RELOCATE EXISTING WEATHER PROOF 6" SQ X 18" WALL CUTTER FOR SIGNAL SYSTEM CONDUIT INSTALLATION. FOR SIGNAL CABLING ROUTING FROM CUTTER STUB THE FOLLOWING CONDUITS (2" C, 2" C, 1" C, AND 1" C) INTO THE CEILING SPACE OF THE CLASSROOM.
 - EXISTING UNDERGROUND CONDUIT SYSTEM TO REMAIN IN PLACE AND BE REUSED FOR THE CONNECTION OF (2) PORTABLE CLASSROOM BUILDING:
 - (1) 2" C WITH (2) 8 STRAND SINGLE MODE FIBEROPTIC CABLE AND (2) CAT 6 DATA CABLES FOR THE CONNECTION BETWEEN MDF AND IDP.
 - (1) 2" C WITH (2) TELEPHONE CABLES, 2 PA SPEAKER CABLES AND #12PUSH TO CALL CABLES.
 - (1) 1" C FOR (4) SECURITY ALARM SYSTEM CABLES.
 - (1) 1 1/2" C WITH FIRE ALARM SYSTEM WIRING (SEE GENERAL NOTE 2).
 - EXISTING SIGNAL SYSTEM CONDUIT SYSTEM - CONTRACTOR SHALL REMOVE EXISTING SIGNAL SYSTEM CABLING AND ABANDON CONDUIT SYSTEM IN PLACE.
 - EXISTING UNDERGROUND CONDUIT SYSTEM TO REMAIN IN PLACE AND BE REUSED FOR THE CONNECTION OF (2) PORTABLE CLASSROOM BUILDING:
 - (1) 2" C DATA
 - (1) 2" C PHONE/PA/SPEAKER
 - (1) 1" C SECURITY ALARM
 - (1) 1 1/2" C FIRE ALARM (SEE GENERAL NOTE 2).
- CONTRACTOR SHALL REMOVE ALL EXISTING SIGNAL WIRING FROM CONDUIT SYSTEMS.

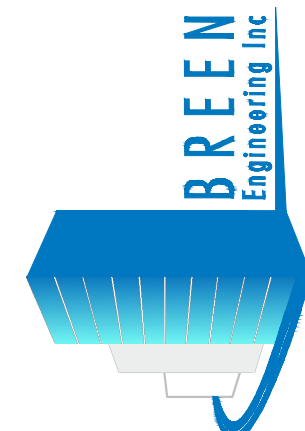
REVISIONS
1 BID ADDENDA 02-02-17

CONSTRUCTION DOCUMENTS



IDENTIFICATION STAMP
 DIVISION OF STATE
 ARCHITECT
 OFFICE OF REGULATION
 SERVICES
 FILE NO. 1841
 APPL NO. 03-117210
 AC FLS SS
 DATE

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FRANKLIN PORTABLES
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 801 N BRING STREET | LOS ANGELES, CA 90012 | 323.475.8075 | P. 323.475.8074

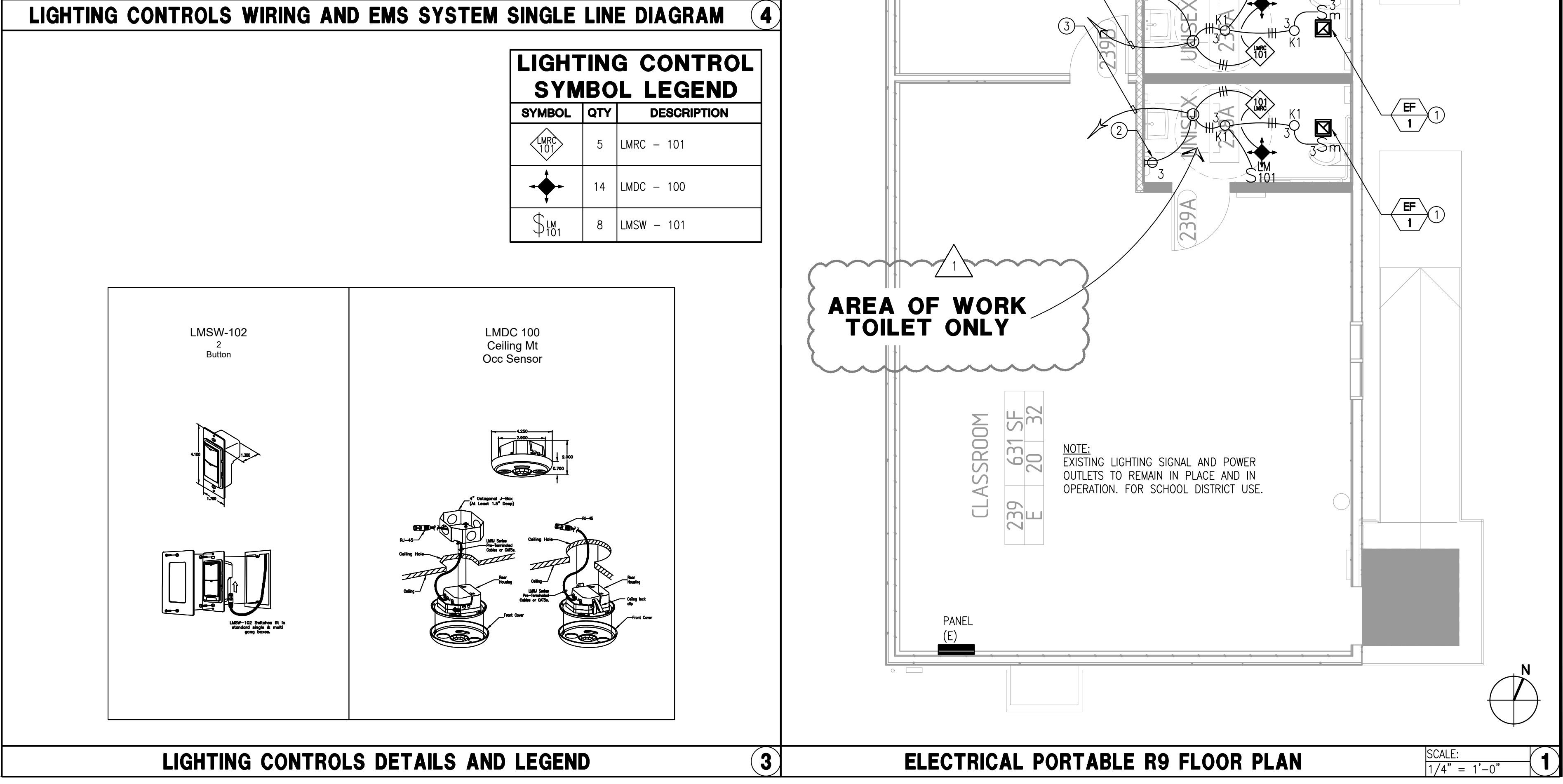
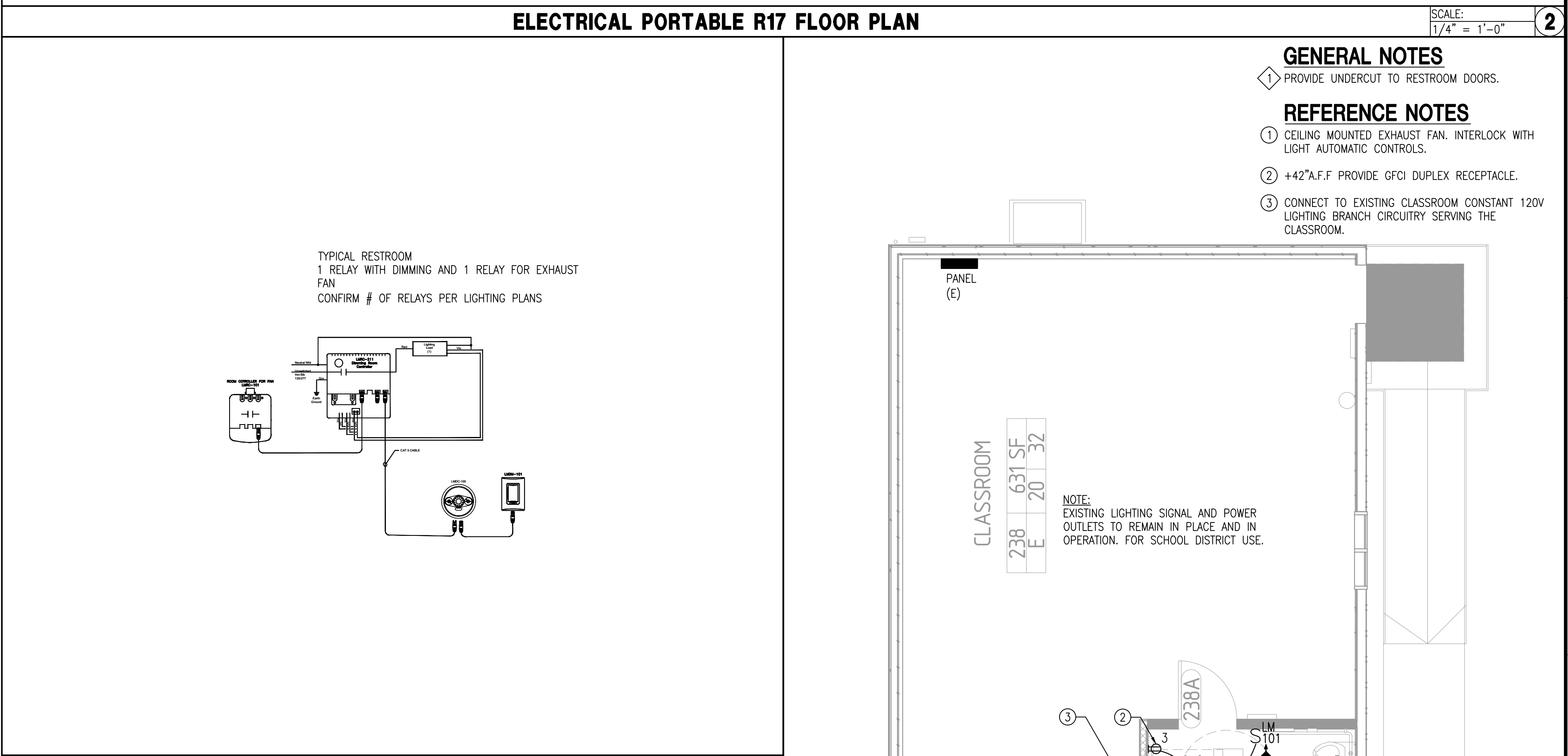
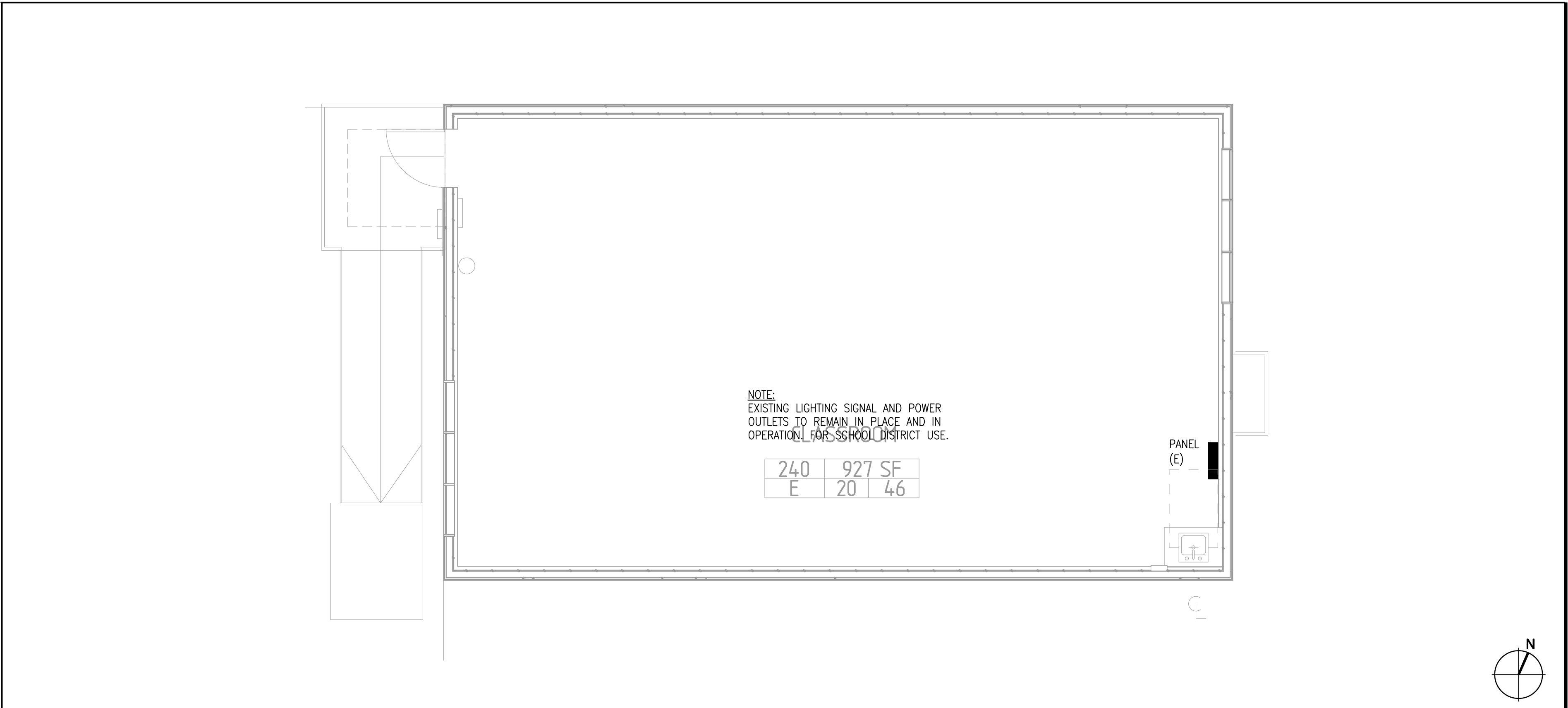
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 DATE: 02.02.17
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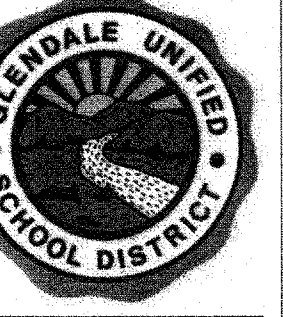
ELECTRICAL SIGNAL DEMO SITE PLAN

SCALE: #####
 1" = 20' - 0"

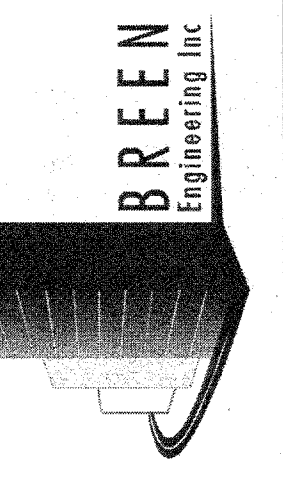
LIGHTING FIXTURE SCHEDULE								
TYPE	SYMBOL	LAMP	BALLAST	WATTAGE	FINISH	MANUFACTURER	DESCRIPTION	REMARKS
K2	○	1-33W LED 4K	0-10V DIMMING	33	WHITE	LIGHTOLIER: CGL-20-N-VOLT-VD-Z10V-CGL -DL-40K-W-CCL-W-VB	6" RECESSED DOWNLIGHT WIDE BEAM BEAM DISTRIBUTION.	RECESSED RESTROOMS MISC

- LIGHTING FIXTURE NOTES**
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL PENDANT HUNG, CEILING MOUNTED AND/OR RECESSED LUMINAIRES WITH THE CEILING INTO WHICH THEY ARE TO BE INSTALLED.
 - CONFIRM THE INSTALLATION AND LOCATION OF EACH LUMINAIRE FIXTURES, INCLUDING EXIT SIGNS WITH ARCHITECTURAL FLOOR AND REFLECTED CEILING PLANS.
 - PROVIDE ALL MOUNTING HARDWARE REQUIRED, INCLUDING HANGING WIRES, SEISMIC SCREWS OR CLIPS, ETC. ALL HARDWARE PROVIDED SHALL ENSURE PROPER INSTALLATION OF EACH LIGHT FIXTURE AS TO THEIR RESPECTIVE CEILING CONDITION AND THAT LUMINAIRES ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND STATE OF CALIFORNIA SEISMIC CODES.
 - LUMINAIRE AND CONNECTIONS TO BUILDING CONSTRUCTION SHALL CONFORM TO APPLICABLE SEISMIC CODES. PROVIDE ALL SEISMIC HANGER WIRES (DIAGONAL CORNER), SCREWS OR CLIPS (OPPOSITE CORNER), ETC. PER LOCAL AUTHORITY HAVING JURISDICTION.
 - PRIOR TO ORDERING AND SHIPMENT OF FIXTURES, THE CONTRACTOR SHALL COORDINATE AND VERIFY EXACT QUANTITY REQUIRED FOR INSTALLATION AT SITE.
 - ALL LUMINAIRE FIXTURES SHALL BE HIGH EFFICACY TYPE AND FLUORESCENT LAMPS AND BALLASTS SHALL BE STATE OF CALIFORNIA ENERGY COMMISSION APPROVED AND LISTED.
 - REFER TO THOSE CERTIFIED BY STATE OF CALIFORNIA ENERGY COMMISSION.
 - (SEE [http://www.energy.ca.gov/appliance/excel based files/BALLASTS/](http://www.energy.ca.gov/appliance/excel%20based%20files/BALLASTS/) or CALL ENERGY HOTLINE AT 1-800-772-3300 TO OBTAIN MORE INFORMATION.
 - ALL LUMINAIRE FIXTURES PROVIDED IN THIS CONTRACT SHALL BE FACTORY WIRED TO ALLOW CONTROLS OF FIXTURE LAMPS IN ACCORDANCE WITH STATE OF CALIFORNIA ENERGY REGULATION MANDATORY MEASURES FOR LIGHTING CONTROLS. THIS IS APPLICABLE TO ALL SPACES WHERE LIGHTING IS DESIGNED AND SHOWN WITH OCCUPANCY SENSOR SWITCHES, AND/OR DAYLIGHTING CONTROLS PER ENERGY COMMISSION STANDARD TABLE 5-8 - STANDARD TABLE 146-A LIGHTING POWER ADJUSTMENT FACTORS.
 - TO ENSURE THAT ALL LIGHTING FIXTURES ARE COMPATIBLE WITH THE LIGHTING CONTROLS, CONTRACTOR SHALL COORDINATE WITH THE LIGHTING CONTROL MANUFACTURER, INCLUDING LIGHTING SEQUENCE OF OPERATION. IN LIGHTING FIXTURE SHOP DRAWING SUBMITTAL PACKAGE CONTRACTOR SHALL INCLUDE AND SUBMIT LETTER FROM THE LIGHTING CONTROL MANUFACTURER THAT COORDINATION HAS BEEN MADE AND THAT THE ENTIRE LIGHTING CONTROL INSTALLATION IS A COMPLETE TURN-KEY OPERATIONS TO THE OWNER AND/OR END USER - REFER TO SHEET E-0.3.

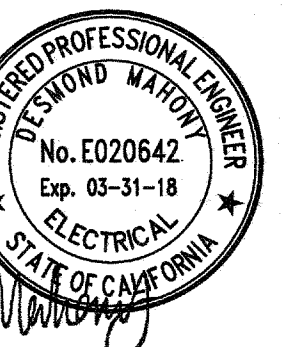




IDENTIFICATION STAMP
DIVISION OF STATE
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OFFICE OF REGULATION
SERVICES
FILE NO. 18-11
APPL NO. 03-117210
AC FL SM SS
DATE JUL 1 8 2016



FRANKLIN PORTABLES
BRUNSWICK FRANKLIN ELEMENTARY SCHOOL
1610 LAKE STREET, GLENDALE, CA 91201



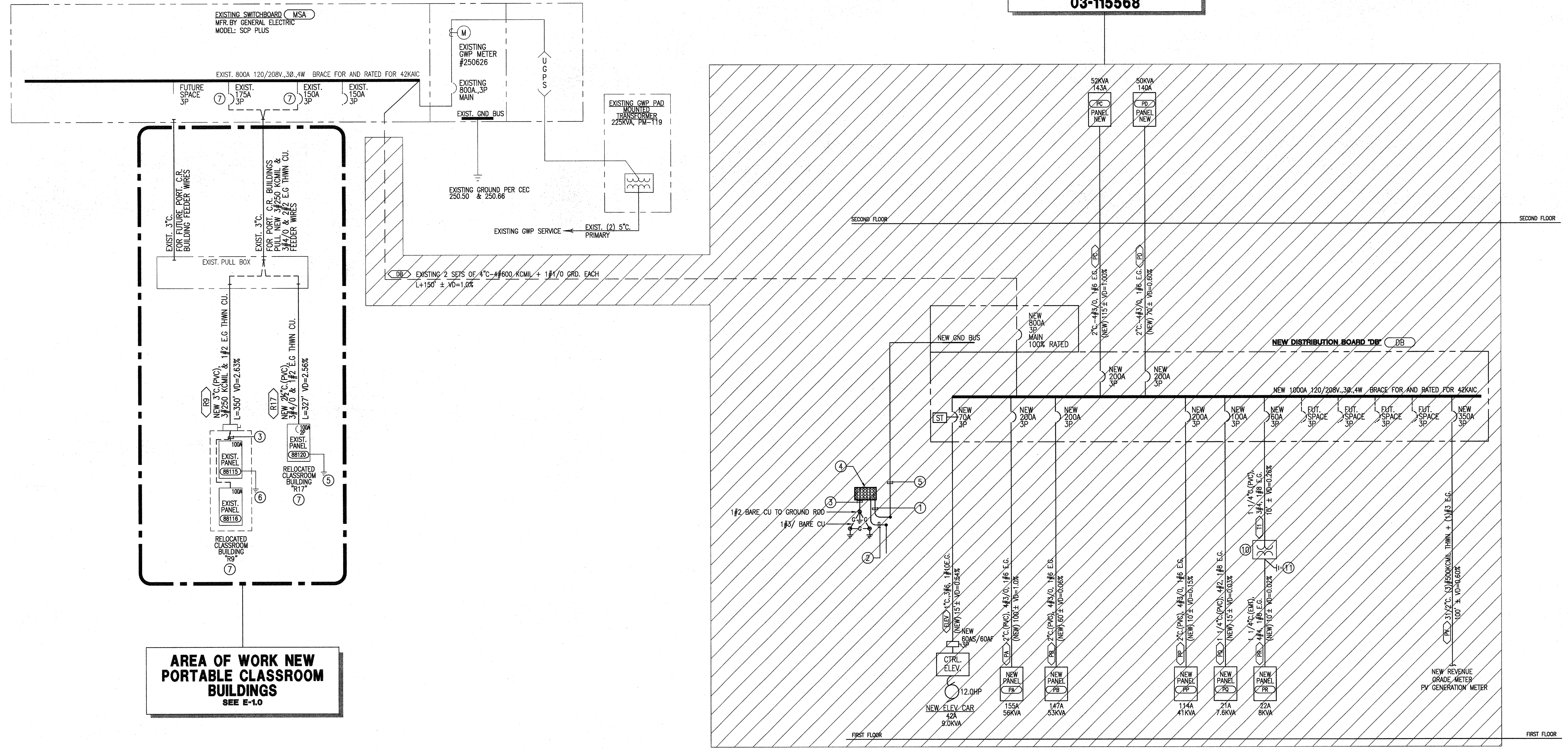
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PROJ. NO. 273-13-001
DATE 06.01.16
DRAWN CVK, FT
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ELECTRICAL SINGLE LINE DIAGRAM

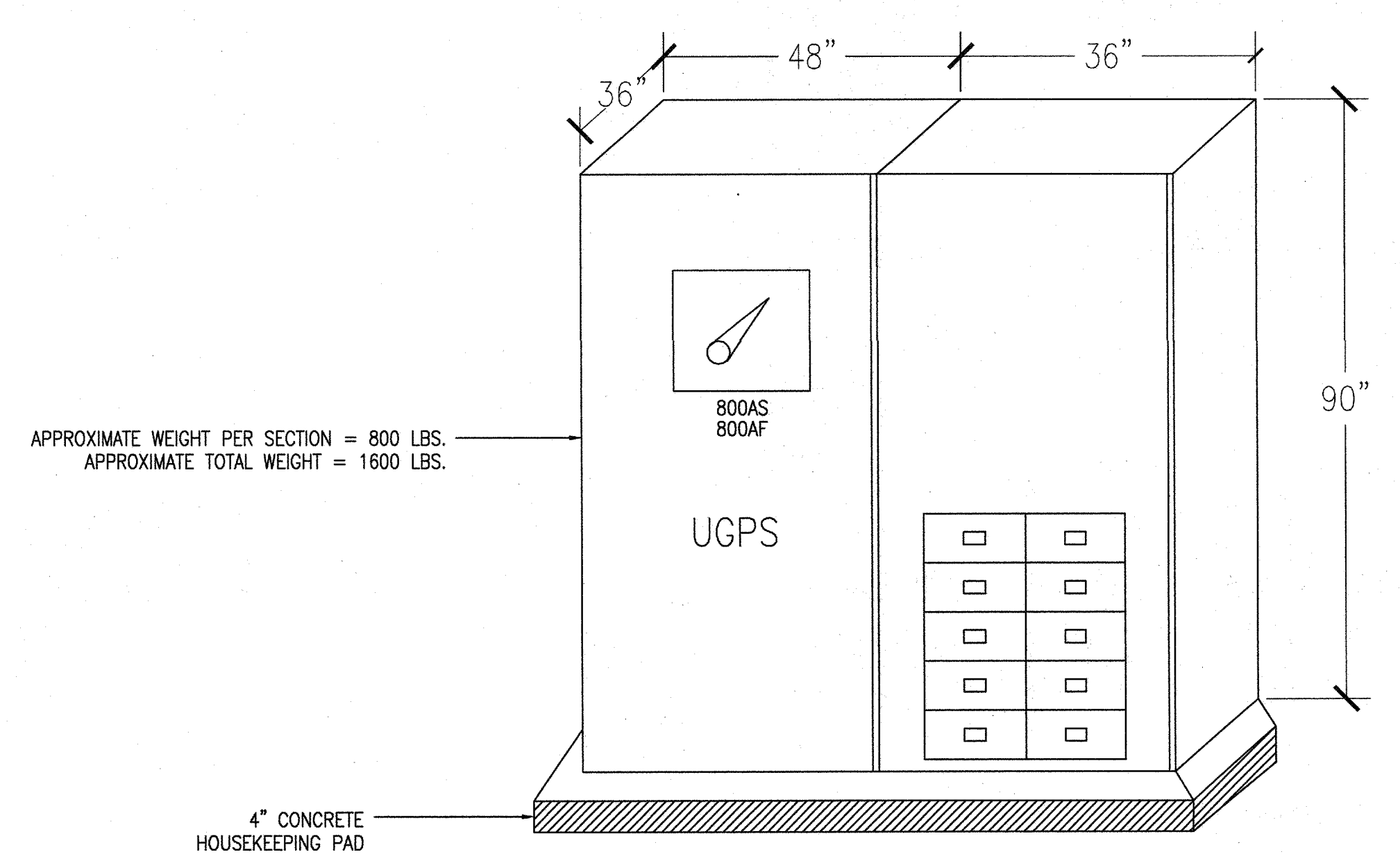
SCALE: N.T.S.

**N.I.C
PLAN SUBMITTED AND
APPROVED UNDER DSA FILE
NO. 19-41 APPL NO.
03-115568**



**AREA OF WORK NEW
PORTABLE CLASSROOM
BUILDINGS
SEE E-1.0**

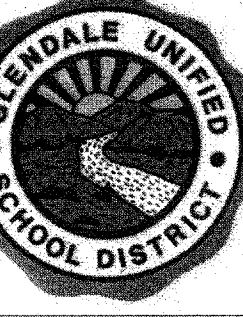
SINGLE LINE DIAGRAM



EXISTING DISTRIBUTION BOARD 'DB' ELEVATION DETAIL

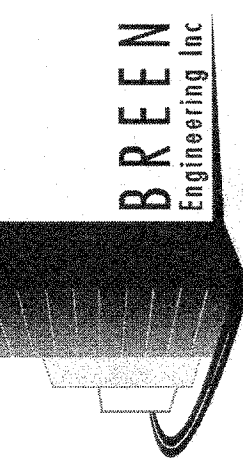
- GENERAL NOTES**
- ALL PANELS AND EQUIPMENT FEEDER CONDUIT SIZES AND CONDUCTOR AMPACITY ARE BASED ON 75°C THHN/THWN TYPE CU, UNLESS OTHERWISE NOTED COPPER.
 - ALL FEEDERS CONDUIT SIZES AND CONDUCTOR AMPACITY ARE BASED ON 75°C THHN/THWN TYPE CU.
 - THE MINIMUM INTERRUPTING RATING OF 120/208V CIRCUIT BREAKERS SHALL BE 10,000 AIC. THE AVAILABLE FAULT CURRENT AT ALL UNIT PANELBOARDS MAY BE LESS THAN THIS VALUE FOR THE VOLTAGE UNLESS INDICATED OTHERWISE. WHERE HIGHER FAULT CURRENT VALUES ARE AVAILABLE, THE RATINGS OF THESE DEVICES INTENDED TO INTERRUPT THE CURRENT AND THEIR BOARDS SHALL BE INCREASED ACCORDINGLY.
 - 75°C RATING TERMINAL LUGS AT PANELBOARDS SHALL MATCH THE INSULATION RATING OF THE CONDUCTORS OF 75°C RATING.
 - THE FEEDER LENGTH SHOWN IS FOR VOLTAGE DROP CALCULATION PURPOSES ONLY. THE MAXIMUM VOLTAGE DROP FOR THE ELECTRICAL DISTRIBUTION SYSTEM SHALL NOT EXCEED 5% AND SHALL COMPLY WITH 2010 LGS AND LOCAL BUILDING CODE.
 - A. HOUSE/COMMON AREAS DISTRIBUTION BOARDS AND PANELS AND VOLTAGE DROP PERCENTAGES SHOWN AT THE SINGLE LINE DIAGRAM ELECTRICAL FEEDER ARE BASED ON 2% AND BRANCH CIRCUITRY VOLT DROP SHALL NOT EXCEED 3% TO THE FURTHEST OUTLET, FOR A TOTAL OF 5% MAX.
 - WHERE CONDUIT INSTALLATIONS RUN THROUGH FIRE RATED FLOOR OR WALL ASSEMBLIES THE CONTRACTOR SHALL PATCH BUILDING STRUCTURE AND PROVIDE 3M FIRE SEAL COMPOUND AT LOCATIONS WHERE CONDUITS PENETRATE THROUGH WALLS AND FLOORS.
 - WHERE NO EQUIPMENT GROUND IS SPECIFIED, PROVIDE PATH FOR CONTINUOUS EQUIPMENT GROUND BY BONDING AND GROUNDING ALL NON CURRENT CARRYING METAL CONDUIT, EQUIPMENT ENCLOSURES, SUPPORTS AND FRAMES.
 - NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE ELECTRICAL EQUIPMENT.
 - EACH SERVICE DISCONNECT SHALL BE PERMANENTLY MARKED TO IDENTIFY IT AS A SERVICE DISCONNECT.
 - ELECTRICAL EQUIPMENT SHALL BE LISTED BY THE LOCAL CITY RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE DEPARTMENT.
 - ALL FUSED DISCONNECT FUSES SHALL BE MOTOR RATED WITH REJECTION TYPE FUSE HOLDERS. FUSES SHALL BE CURRENT LIMITING AND EJECTION TYPE.

- REFERENCE NOTES**
- EXISTING UTILITY METER AND MAIN SWITCHBOARD 'MSA' TO REMAIN.
 - EXISTING WEATHERPROOF 200A FUSED DISCONNECT SWITCH, VERIFY IN FIELD PRIOR TO START OF WORK AND TO DETERMINE ALL LABOR, TOOLS AND MATERIAL REQUIRED IN THIS CONTRACT.
 - EXISTING 1 1/2" (1MC) 3#2 FEEDER BETWEEN THE EXISTING DISCONNECT SWITCH AND EXISTING CLASSROOM ELECTRICAL PANEL.
 - EXISTING NEW 1 1/2" (1MC) 3#2 FEEDER BETWEEN THE NEW DISCONNECT SWITCH OR PULL BOX AND EXISTING CLASSROOM ELECTRICAL PANEL.
 - PROVIDE NEW 3/4" (1#6) CU GROUND AND BOND TO EXISTING BUILDING STEEL FRAME AND NEW COPPER DRIVEN GROUND ROD. CONTRACTOR SHALL LOCATE AND PLACE 2" x 8" COPPER DRIVEN GROUND ROD BEHIND BACK OF BUILDING.
 - PROVIDE AND RUN 3/4" (1#1/0) CU GROUND AND BOND TO (2) NEW COPPER DRIVEN GROUND ROD. CONTRACTOR SHALL PLACE 3/4" x 8" COPPER DRIVEN GROUND RODS SEPARATED BY 5 FEET FROM EACH OTHER AND BE LOCATED IN LANDSCAPE AREA.
 - MAKE CONNECTION TO EXISTING CIRCUIT BREAKER AND PROVIDE NEW ENGRAVED NAMEPLATE IDENTIFYING "CLASSROOM BUILDING"

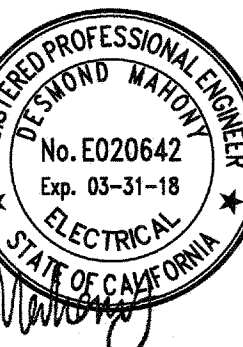


IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 18-41 APP# NO. 03-117210 AC FLS 1 ss 04 DATE JUL 18 2016

1985 WEST 109TH STREET, SUITE 200 BREA, CA 92620 TEL: (951) 464-4444 FAX: (951) 464-4444 WWW.BREENENGINEERING.COM



FRANKLIN PORTABLES BENJAMIN FRANKLIN ELEMENTARY SCHOOL 1610 LAMAR STREET, GLENDALE, CA 91201



NAC ARCHITECTURE

PROJECT NO. 273-13-001 DATE 06.01.16 DRAWN CVK/FT CHECKED DM

FIRE ALARM RISER SYMBOLS SPECIFICATIONS & NOTES

SCALE: NONE

FA-01

FIRE ALARM SPECIFICATIONS

- 1. THE FIRE ALARM SYSTEM SHALL COMPRISE AUTOMATIC ADDRESSABLE MANUAL PULLS, SMOKE/HEAT DETECTIONS SYSTEM AND CONFORM TO ARTICLE 760 OF THE 2013 CALIFORNIA ELECTRICAL CODE.
2. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE FIRE MARSHALL OR ENFORCING AGENCY.
3. A STAMPED SET OF APPROVED FIRE ALARM PLANS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION. ANY DEVIATION FROM THE APPROVED PLANS, INCLUDING THE SUBSTITUTION OF DEVICES, SHALL BE APPROVED BY THE FIRE MARSHALL OR ENFORCING AGENCY.
4. FIRE ALARM DRAWINGS ARE SCHEMATIC IN NATURE ONLY. CONTRACTOR SHALL ROUTE CONDUIT RACEWAY AS FIELD CONDITION PERMIT OR AS INDICATED ON PLANS. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND CODE OR RECOGNIZED STANDARDS, SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORD.
5. ALL DEVICES OF THE FIRE ALARM SYSTEMS SHALL BE APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHALL.
6. A CERTIFICATE OF COMPLETION SHALL BE PREPARED BY THE INSTALLER AND GIVEN TO THE FIRE MARSHALL UPON COMPLETION OF THE INSTALLATION.
7. CONSULT INSTALLER PRIOR TO MAKING ANY MODIFICATIONS TO THE SYSTEMS WIRING.
8. UPON COMPLETION OF THE INSTALLATION, THE INSTALLER SHALL SUPPLY THE OWNER WITH WRITTEN OPERATING, TESTING AND MAINTENANCE INSTRUCTIONS, POINT-TO-POINT AS-BUILT DRAWINGS AND EQUIPMENT SPECIFICATIONS.
A. THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF AND IN A MANNER ACCEPTABLE TO THE ENFORCING AGENCY AND A COMPLETE TESTING AND INSPECTION FORM SHALL BE PROVIDED FOR LOCAL FIRE AND/OR DSA INSPECTOR SIGNATURE.
9. 120 VAC, 60HZ INPUT POWER FOR THE FIRE ALARM CONTROLS SHALL BE A DEDICATED CIRCUIT BREAKER PROPERLY LABELED "FIRE ALARM".
10. 120 VAC IS NOT PERMITTED IN THE SAME CONDUIT WITH LOW VOLTAGE WIRING.
11. THE LOCATION OF THE FIRE ALARM CONTROL PANEL AND THE ANNUNCIATOR SHALL BE APPROVED BY THE FIRE MARSHALL OR ENFORCING AGENCY.
12. ALL OPENINGS IN RATED ASSEMBLIES SHALL BE REPAIRED PER UFC, NEC, UBC AND STANDARD BUILDING CODES ON EFFECT AT THE TIME OF APPROVAL. THE SYSTEM SHALL CONFORM TITLES 19 AND 24 AS APPLICABLE TO THIS PROJECT (CBC PART 2, CH. 7, TITLE 24).
13. ALL BACK BOXES SHALL BE AS RECOMMENDED BY MANUFACTURER. CONTRACTOR SHALL LOCATE JUNCTION BOXES AS REQUIRED AND PER CEC CODES.
14. ALL PANELS SHALL BE MOUNTED WITH CLEARANCES FOR OBSERVATION AND TESTING, AND ALL FIRE ALARM JUNCTION BOXES SHALL BE MARKED FOR IDENTIFICATION.
15. ALL WIRING OF INITIATING DEVICES AND ANNUNCIATOR PANEL SHALL BE SUPERVISED TO THE PRINCIPLE POINT OF ANNUNCIATION (THE FIRE ALARM CONTROL PANEL IS TO SUPERVISE THE ANNUNCIATOR PANEL, ALL CIRCUITS AND INITIATING DEVICES).
16. WIRING SHALL NOT BE LOOPED THROUGH DEVICES; WIRE MUST BE CUT FOR IN AND OUT. POINT COMMON ANNUNCIATION AND T-TAPPING ARE PROHIBITED.
A. EXCEPTION: ADDRESSABLE SYSTEMS, MAPNET CONDUCTORS WIRED CLASS "B" MAY BE T-TAPPED.
17. ALL FIRE ALARM WIRING SHALL BE RUN IN MINIMUM 3/4" CONDUIT.
A. ALL CONDUIT SIZES SHOWN AND INDICATED ON DRAWING ARE MINIMUMS. CONTRACTOR TO ADJUST SIZES FOR FIELD CONDITIONS (I.E. NUMBER OF BENDS, ETC.) BUT SHALL NOT BE SMALLER THAN 3/4".
18. ALL FIRE ALARM SYSTEM WIRING TERMINATIONS IN MAIN PULL BOXES AND TERMINAL CABINETS SHALL BE ON BOX MOUNTED TERMINAL BLOCKS.
19. ALL FIRE ALARM WIRING MUST TEST FREE OF OPENS, SHORTS AND GROUNDS. SEE INSTALLATION MANUALS FOR FIELD WIRING SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
20. (2) PRIMARY PHONE LINE SHALL BE DEDICATED FOR THE FIRE ALARM SYSTEM TO COMMUNICATE WITH U.L. LISTED CENTRAL STATION.
21. WIRING COLOR CODE SHALL BE CONSISTENT THROUGHOUT THE SYSTEM AND SHALL ALLOW FOR EASY IDENTIFICATION OF INITIATING, INDICATING AND AUXILIARY CIRCUITS.
22. CABINET TERMINALS SHALL BE NUMBERED AND CODED. FLEXIBLE CONNECTORS SHALL BE USED FOR DEVICES MOUNTED IN SUSPENDED PANELS.
23. THE FIRE DEPARTMENT WILL TEST AND VERIFY ADEQUATE AUDIBILITY BEING PROVIDED THROUGHOUT, PARTICULARLY IN OPEN WORK AREAS AND IN TESTING AREAS.
A. AUDIBLE DEVICES(S) TO BE AT LEAST 15 DBA ABOVE THE AMBIENT SOUND LEVELS, BUT NOT LESS THAN THE 75 DBA AT 10' OR MORE THAN 110DBA AT THE MINIMUM HEARING DISTANCE. AUDIBLE DEVICES SHALL SOUND THE TEMPORAL FIRE ALARM SIGNAL.
24. CONDUIT AND JUNCTION BACK BOXES ARE NOT TO BE USED FOR UNRELATED WIRING.
25. ALL CONDUIT MOUNTING BOXES, AND PANELS SHALL BE HUNG AND FASTENED WITH FITTINGS TO ENSURE POSITIVE GROUNDING THROUGHOUT THE ENTIRE SYSTEM.
26. PLACE THE BOTTOM OF THE WALL MOUNTED STROBE EXACTLY 80" ABOVE THE FLOOR TO BOTTOM OF LENS AND MAKE SURE THE TOP OF THE STROBE IS AT LEAST 6" BELOW THE CEILING. PLACE THE TOP OF THE STROBE 6" BELOW THE CEILING IF THE CEILING IS TOO LOW, AND MAKE SURE IT PROTRUDES LESS THAN 4" IF IN A WALKWAY, CORRIDOR OR AISLE. NOTE THAT THESE MOUNTING REQUIREMENTS ALSO APPLY TO COMBINATION HORN/STROBE OR SPEAKER/STROBE APPLIANCES THAT ARE WALL MOUNTED (NFPA 72, CH.6).
A. MANUAL PULL STATIONS SHALL BE MOUNTED +48" ABOVE FINISHED FLOOR TO CENTER OF BOX. STROBE SHALL BE CEILING OR WALL MOUNTED AT +80" A.F.F. AND EXTERIOR HORNS SHALL BE MOUNTED AT +90" A.F.F.
27. STROBES SHALL BE VISIBLE IN ALL LOCATIONS THROUGHOUT THE BUILDING PER NFPA 72, CHAPTER 6, SECTION 6-4.
A. VISUAL DEVICES SHALL NOT EXCEED 2 FLASHER PER SECOND AND SHALL NOT BE SLOWER THAN 1 FLASH EVERY SECOND.
28. PROVIDE 24 HOUR TELEPHONE NUMBER OF CENTRAL STATION NEAR ANNUNCIATOR AND FIRE ALARM CONTROL PANEL.
29. ALL FIRE ALARM DEVICES LOCATED IN STUDENT RESTROOM FACILITIES ARE TO HAVE VANDAL-RESISTANT GUARDS INSTALLED.
30. ALL MANUAL PULL STATIONS IN AREAS WHERE STUDENTS HAVE ACCESS (I.E. LIBRARY, AUDITORIUM, ETC.) ARE TO HAVE PLASTIC COVERS WITH VANDAL ALARM.

FIRE ALARM SYMBOLS LEGEND

Table with columns: SYMBOL, DESCRIPTION. Includes symbols for addressable photoelectric smoke detector, addressable heat detector, combination audio speaker, weatherproof exterior PA speaker, wall junction box, fire alarm control panel, fire alarm riser, fire alarm control panel with voice control center, fire alarm control panel with audio option, fire alarm control panel with voice control center, fire alarm control panel with audio option, fire alarm control panel with voice control center, fire alarm control panel with audio option.

SEQUENCE OF OPERATION

Table with columns: BUILDING POWER FAILURE, AREA SMOKE DETECTOR, AREA HEAT DETECTOR, PULL STATION, SPRINKLER (Water flow switch, Tamper switch). Rows include: ANNUNCIATE AT FIRE CONTROL PANEL, SOUND CONTROL PANEL TROUBLE BUZZER, ACTIVATE AUDIBLE ALARM SIGNALS, ACTIVATE VISUAL ALARM SIGNALS, HVAC >2000 CFM FAN SHUT DOWN ACTIVATION, CENTRAL STATION SIGNALS (UNTIL RESET).

WIRING SCHEDULE

Table with columns: DESIG., CIRCUIT TYPE, DESCRIPTION, MODEL. Includes entries for MAPNET ADDRESSABLE, SLC INTELLIGENT LOOP NETWORK COWM, VOICE EVAC SPEAKER OUTPUT SIGNAL CIRCUIT CABLE, STROBE SIGNAL OUTPUT CIRCUIT CABLE, 1A & 1V CABLE, (2) SET OF 1A & 1V CABLES.

- NOTES: 1. ALL CABLE SHALL BE INSTALLED PER NEC/CEC PA VOICE CIRCUIT. 2. ALL WIRING SHALL CONFORM TO NEC 760 PART A & C FOR A POWER-LIMITED SUPPLY. 3. ALL WIRING IN WET LOCATIONS SHALL BE THWN, UL LISTED FOR OUTDOOR USE OR EQUAL. 4. ALL FIRE ALARM CABLING SHALL BE RUN IN MINIMUM 3/4" CONDUIT RACEWAY UNLESS OTHERWISE NOTED.

WORSE CASE VOLTAGE DROP CALCULATION

Table for Visual Circuit #3 showing voltage drop calculations for 2 Visual Device (15cd) and 3 Audio/Visual Device (75cd). Results: 0.4110 A, 16,510 (#8), 0.39 A, 1.6057 A.

FCPS BATTERY CALCULATION

Table for FCPS Battery Calculation showing current and standby current for Exterior Speaker, 75CD Strobe, 15CD Strobe, Smoke/Heat Module, and Control Panel. Results: 0.3850 A, 6.5385 A. BATTERY SIZE = 12 AMP HR.

WORSE CASE VOLTAGE DROP CALCULATION

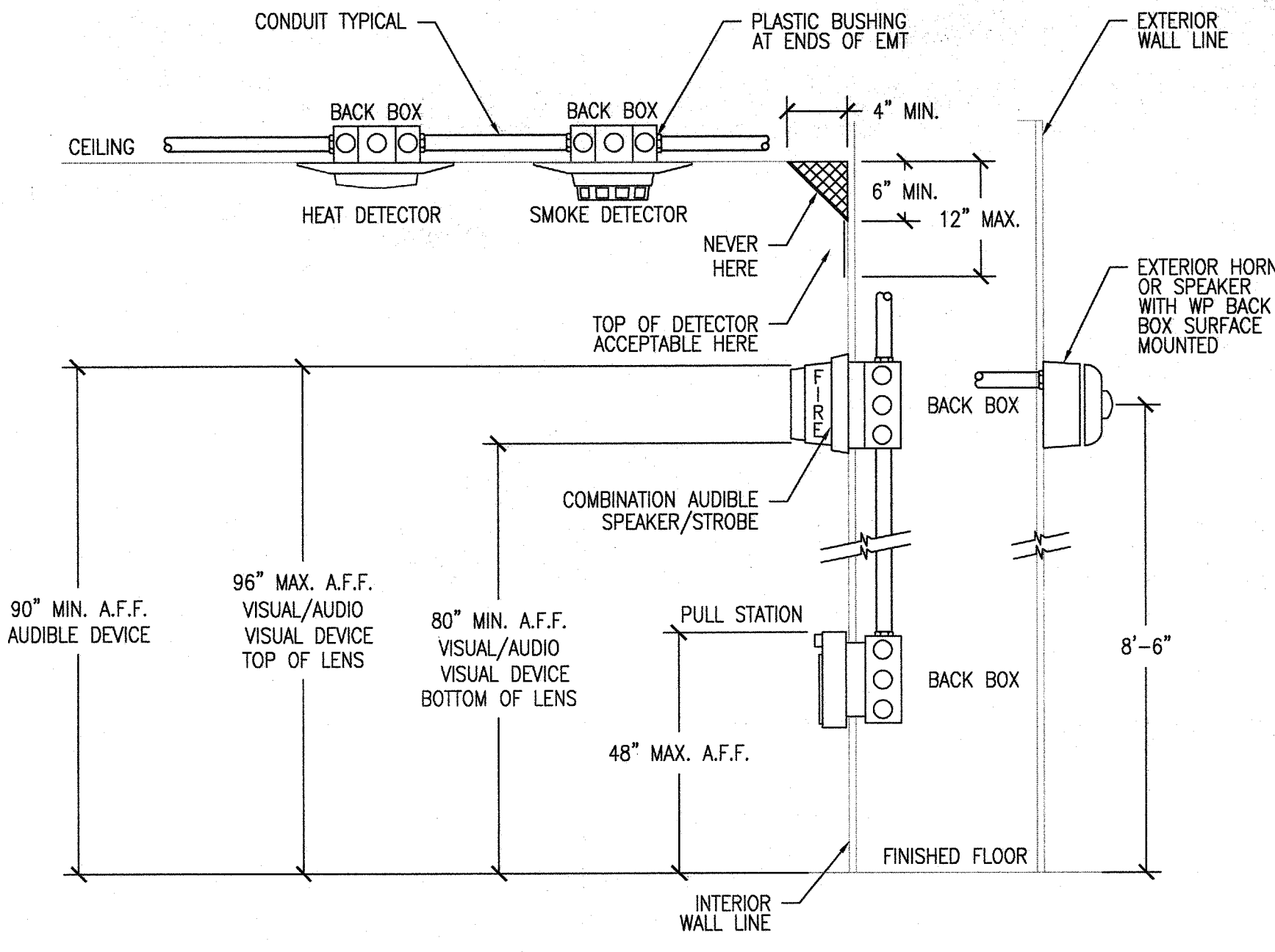
Table for PA Circuit #3 showing voltage drop calculations for 4 PA Speaker. Results: 0.2760 A, 16,510 (#8), 0.26 A, 1.0783 A.

DAA-5052 BATTERY CALCULATION

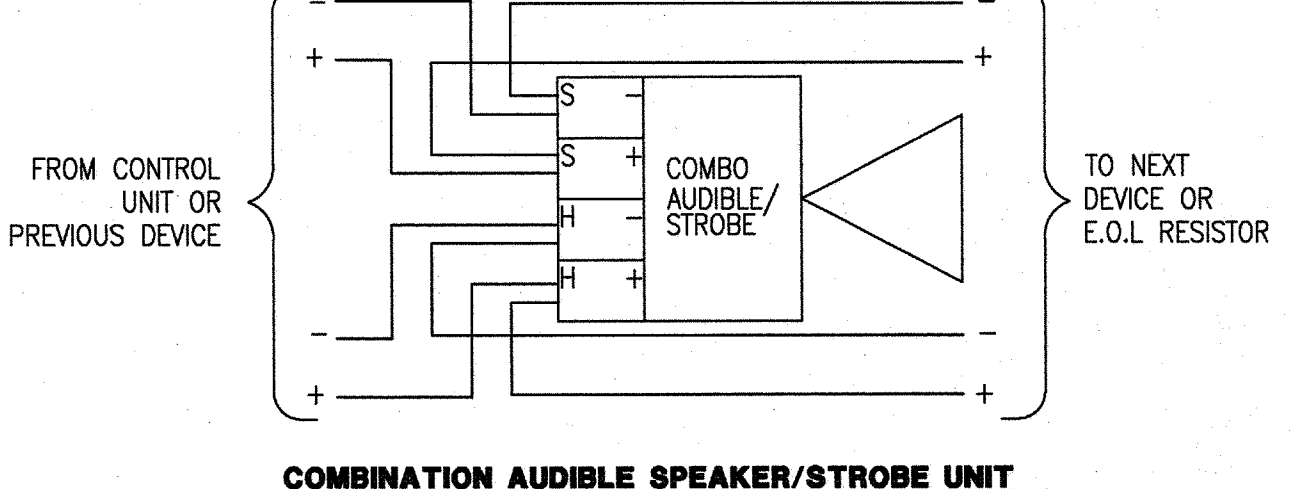
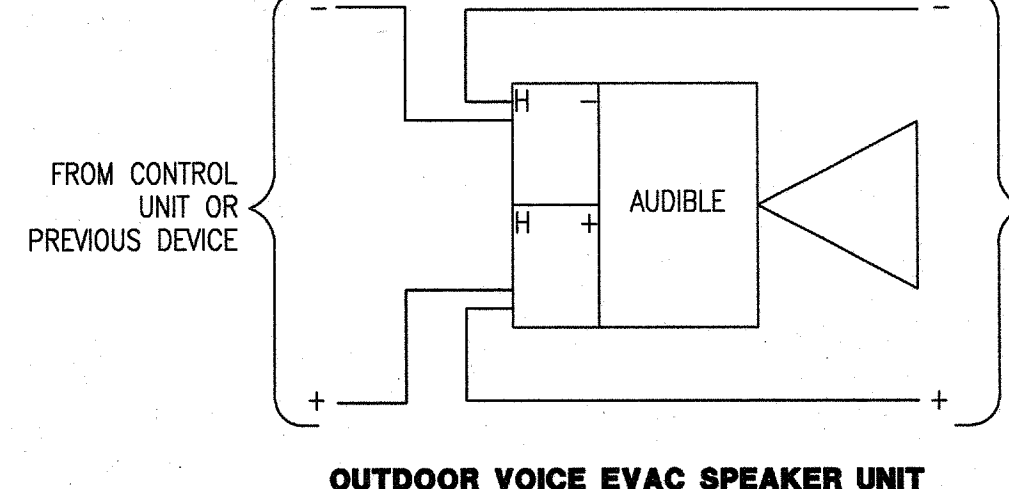
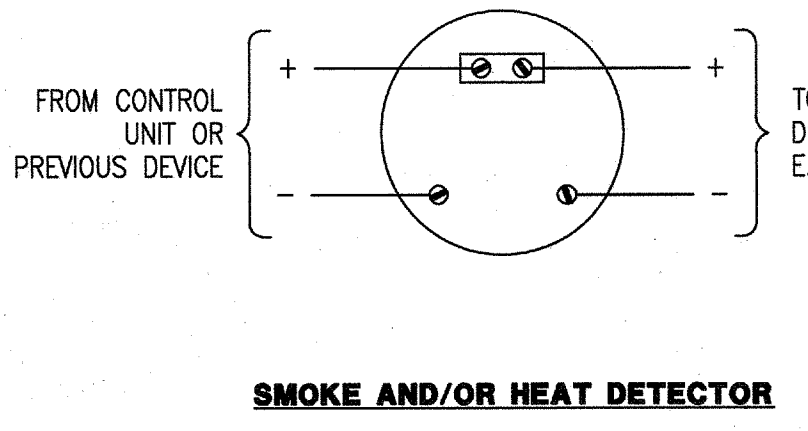
Table for DAA-5052 Battery Calculation showing current and standby current for PA Speaker and Control Panel. Results: 0.3850 A, 1.2760 A. BATTERY SIZE = 12 AMP HR.

BATTERY CALCULATION

GENERAL NOTES: 1. AUDIBLE/STROBE OR HORN/STROBE SHALL BE MOUNTED NOT LESS THAN 6" BELOW FINISH CEILING.



SMOKE/HEAT DETECTOR/PULL STATION, AUDIO/VISUAL DEVICE MOUNTING DETAILS

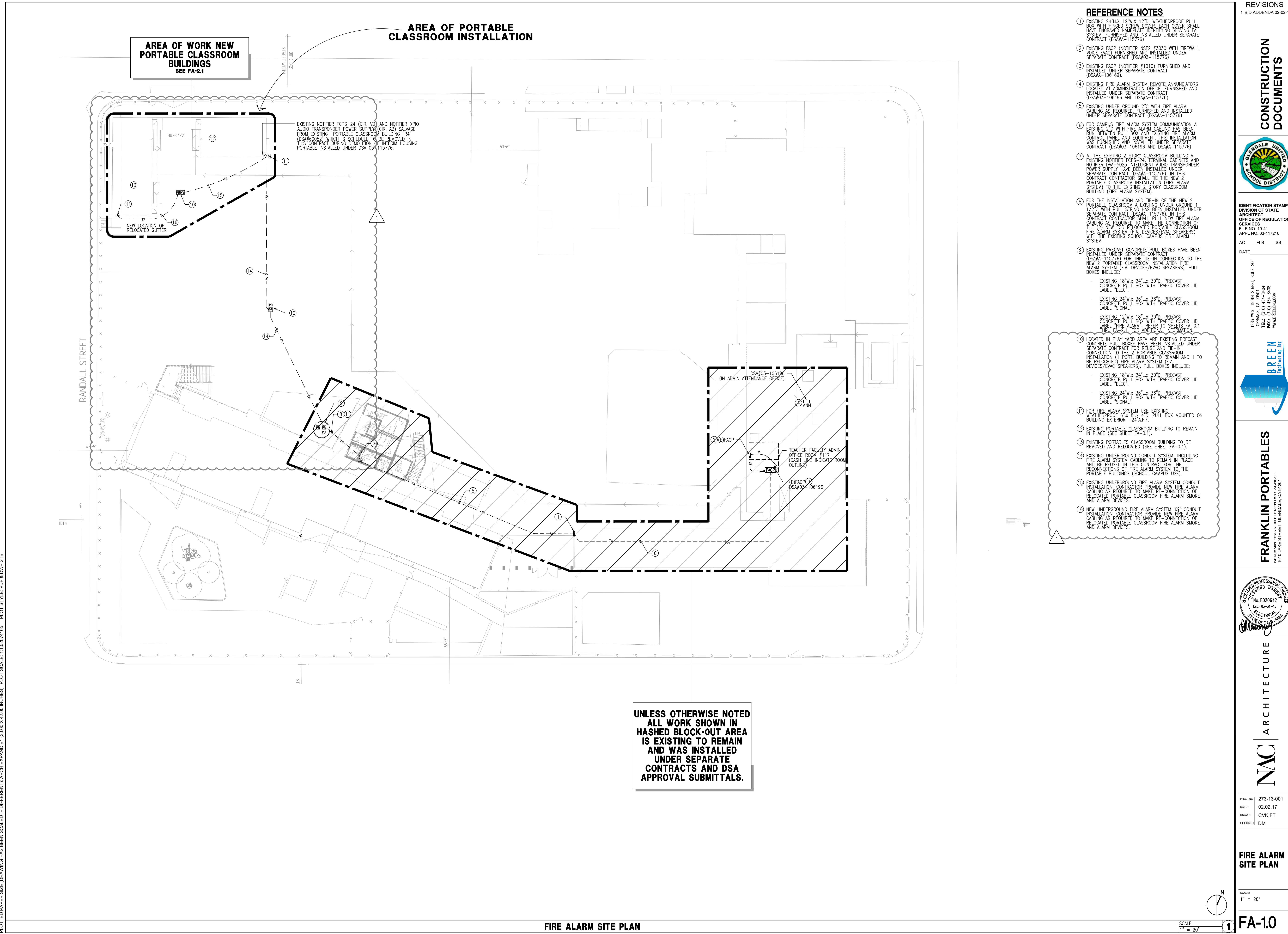


TYPICAL DEVICE WIRING

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO CBC 2013 AND NFPA 13 LATEST EDITION

CODES AND STANDARDS

- CODES AND PERMITS: ALL EQUIPMENT, INSTALLATION, ETC., SHALL CONFORM TO LOCAL ELECTRICAL, MECHANICAL AND OTHER APPLICABLE CODES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS. COPIES OF ALL PERMITS AND INSPECTION REPORTS SHALL BE SUBMITTED TO THE ARCHITECT. CODES INCLUDE BUT NOT LIMITED TO:
• 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) (PART 1, TITLE 24, CCR)
• 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1&2 (PART 2, TITLE 24, CCR)
• 2012 EDITION INTERNATIONAL BUILDING CODE WITH 2013 CALIFORNIA AMENDMENTS)
• 2013 CALIFORNIA ELECTRICAL CODE (CEC) (PART 3, TITLE 24, CCR)
• 2011 EDITION NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
• 2013 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR)
• 2012 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
• 2013 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR)
• 2012 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)
• 2013 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
• 2013 EDITION CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
• 2013 CALIFORNIA FIRE CODE (CFC) (PART 9, TITLE 24, CCR)
• 2012 EDITION INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
• 2013 CALIFORNIA GREEN CODE (PART 11, TITLE 24, CCR)
• 2013 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
• NFPA 13 - 2013
• NFPA 72 - 2013
• REFERENCED CODE SECTIONS FOR APPLICABLE STANDARDS
• 2013 CBC, CHAPTER 35
• 2013 CFC
• NFPA STANDARDS AND GUIDES
• NFPA 72 NATIONAL FIRE ALARM CODES (CALIFORNIA AMENDED, 2013 EDITION)
NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES".



AREA OF WORK NEW PORTABLE CLASSROOM BUILDINGS
SEE FA-2.1

AREA OF PORTABLE CLASSROOM INSTALLATION

EXISTING NOTIFIER FCPS-24 (CIR. V3) AND NOTIFIER XP10 AUDIO TRANSPONDER POWER SUPPLY (CIR. A3) SALVAGE FROM EXISTING PORTABLE CLASSROOM BUILDING "R4" (DSA#60052) WHICH IS SCHEDULE TO BE REMOVED IN THIS CONTRACT DURING DEMOLITION OF INTERIM HOUSING PORTABLE INSTALLED UNDER DSA 03#115776.

UNLESS OTHERWISE NOTED ALL WORK SHOWN IN HASHED BLOCK-OUT AREA IS EXISTING TO REMAIN AND WAS INSTALLED UNDER SEPARATE CONTRACTS AND DSA APPROVAL SUBMITTALS.

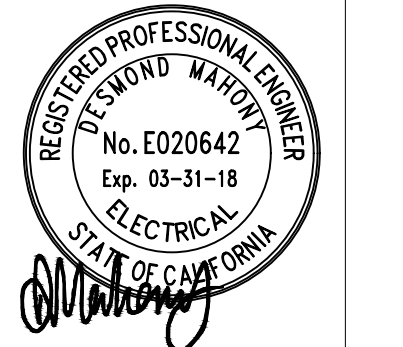
REFERENCE NOTES

- 1 EXISTING 24"X12"X12" WEATHERPROOF PULL BOX WITH HINGED SCREW COVER. EACH COVER SHALL HAVE ENGRAVED NAMEPLATE IDENTIFYING SERVING FA SYSTEM, FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776).
- 2 EXISTING FACP (NOTIFIER NSF2 #3030 WITH FIREWALL VOICE EVAC) FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#03-115776).
- 3 EXISTING FACP (NOTIFIER #1010) FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#A-106169).
- 4 EXISTING FIRE ALARM SYSTEM REMOTE ANNUNCIATORS LOCATED AT ADMINISTRATION OFFICE, FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#03-106196 AND DSA#A-115776).
- 5 EXISTING UNDER GROUND 2" C WITH FIRE ALARM CABLING AS REQUIRED, FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776).
- 6 FOR CAMPUS FIRE ALARM SYSTEM COMMUNICATION A EXISTING 2" C WITH FIRE ALARM CABLING HAS BEEN RUN BETWEEN PULL BOX AND EXISTING FIRE ALARM CONTROL PANEL AND EQUIPMENT. THIS INSTALLATION WAS FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#03-106196 AND DSA#A-115776).
- 7 AT THE EXISTING 2 STORY CLASSROOM BUILDING A EXISTING NOTIFIER FCPS-24 TERMINAL CABINETS AND NOTIFIER DAA-5025 INTELLIGENT AUDIO TRANSPONDER POWER SUPPLY HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776). IN THIS CONTRACT CONTRACTOR SHALL TIE THE NEW 2 PORTABLE CLASSROOM INSTALLATION (FIRE ALARM SYSTEM) TO THE EXISTING 2 STORY CLASSROOM BUILDING (FIRE ALARM SYSTEM).
- 8 FOR THE INSTALLATION AND TIE-IN OF THE NEW 2 PORTABLE CLASSROOM A EXISTING UNDER GROUND 1 1/2" C WITH PULL STRING HAS BEEN INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776). IN THIS CONTRACT CONTRACTOR SHALL PULL NEW FIRE ALARM CABLING AS REQUIRED TO MAKE THE CONNECTION OF THE (2) NEW FOR RELOCATED PORTABLE CLASSROOM FIRE ALARM SYSTEM (F.A. DEVICES/EVAC SPEAKERS) WITH THE EXISTING SCHOOL CAMPUS FIRE ALARM SYSTEM.
- 9 EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776) FOR THE TIE-IN CONNECTION TO THE NEW 2 PORTABLE CLASSROOM INSTALLATION FIRE ALARM SYSTEM (F.A. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".
 - EXISTING 12"W X 18"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "FIRE ALARM". REFER TO SHEETS FA-0.1 THRU FA-2.1 FOR ADDITIONAL INFORMATION.
- 10 LOCATED IN PLAY YARD AREA ARE EXISTING PRECAST CONCRETE PULL BOXES HAVE BEEN INSTALLED UNDER SEPARATE CONTRACT FOR REUSE AND TIE-IN CONNECTION TO THE 2 PORTABLE CLASSROOM INSTALLATION (1 PORT. BUILDING TO REMAIN AND 1 TO BE RELOCATED FIRE ALARM SYSTEM (F.A. DEVICES/EVAC SPEAKERS). PULL BOXES INCLUDE:
 - EXISTING 18"W X 24"L X 30"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC".
 - EXISTING 24"W X 36"L X 36"D, PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL".
- 11 FOR FIRE ALARM SYSTEM USE EXISTING WEATHERPROOF 4" X 8" X 4" B. PULL BOX MOUNTED ON BUILDING EXTERIOR +24" A.F.F.
- 12 EXISTING PORTABLE CLASSROOM BUILDING TO REMAIN IN PLACE (SEE SHEET FA-0.1).
- 13 EXISTING PORTABLE CLASSROOM BUILDING TO BE REMOVED AND RELOCATED (SEE SHEET FA-0.1).
- 14 EXISTING UNDERGROUND CONDUIT SYSTEM, INCLUDING FIRE ALARM SYSTEM CABLING TO REMAIN IN PLACE AND BE REUSED IN THIS CONTRACT FOR THE RECONNECTIONS OF FIRE ALARM SYSTEM TO THE PORTABLE BUILDINGS (SCHOOL CAMPUS USE).
- 15 EXISTING UNDERGROUND FIRE ALARM SYSTEM CONDUIT INSTALLATION, CONTRACTOR PROVIDE NEW FIRE ALARM CABLING AS REQUIRED TO MAKE RE-CONNECTION OF RELOCATED PORTABLE CLASSROOM FIRE ALARM SMOKE AND ALARM DEVICES.
- 16 NEW UNDERGROUND FIRE ALARM SYSTEM 1/2" CONDUIT INSTALLATION, CONTRACTOR PROVIDE NEW FIRE ALARM CABLING AS REQUIRED TO MAKE RE-CONNECTION OF RELOCATED PORTABLE CLASSROOM FIRE ALARM SMOKE AND ALARM DEVICES.



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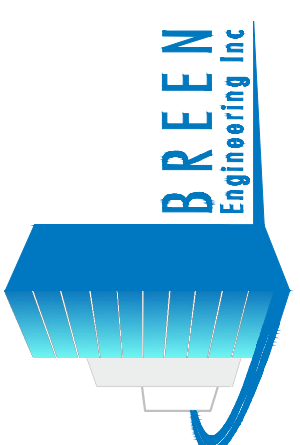
FIRE ALARM SITE PLAN

SCALE:
1" = 20'
FA-10



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EXISTING FIRE ALARM SITE DEMO PLAN

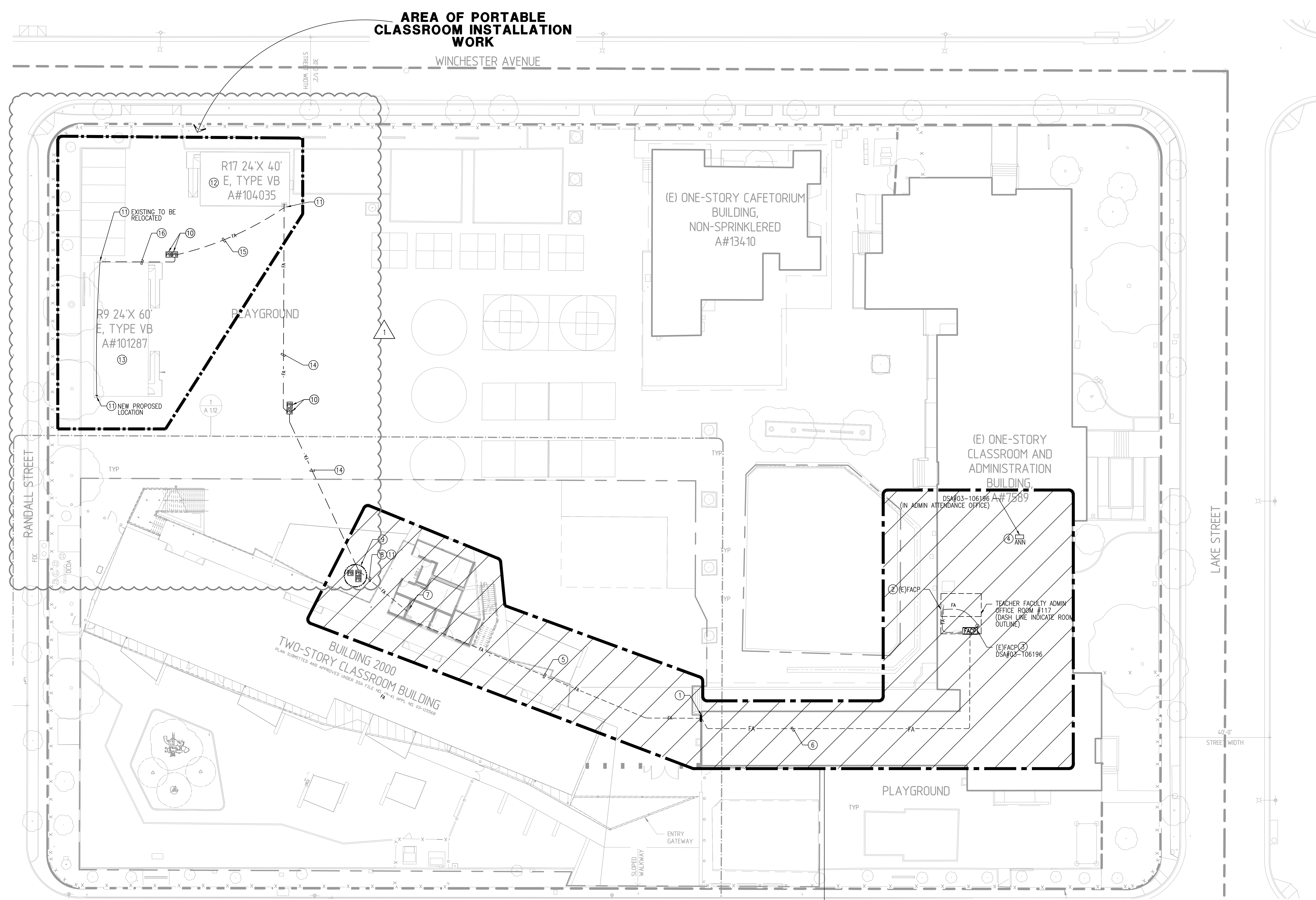
SCALE:
1" = 20'

FA-11

REFERENCE NOTES

- 1 EXISTING 24" H X 12" W X 12" D WEATHERPROOF PULL BOX WITH HINGED SCREW COVER. EACH COVER SHALL HAVE ENGRAVED NAMEPLATE IDENTIFYING SERVING FA SYSTEM. FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776).
- 2 EXISTING FACP (NOTIFIER NSF2 #3030 WITH FIREWALL VOICE EVAC) FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#A-106169).
- 3 EXISTING FACP (NOTIFIER #1010) FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT (DSA#A-106169).
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- 8 FOR THE INSTALLATION AND TIE-IN OF THE NEW 2 PORTABLE CLASSROOM A EXISTING UNDER GROUND 1 1/2" C WITH PULL STRINGS HAS BEEN INSTALLED UNDER SEPARATE CONTRACT (DSA#A-115776). IN THIS CONTRACT CONTRACTOR SHALL PULL NEW FIRE ALARM CABLING AS REQUIRED TO MAKE THE CONNECTION OF THE 12) NEW FOR RELOCATED PORTABLE CLASSROOM FIRE ALARM SYSTEM (F.A. DEVICES/EVAC SPEAKERS) WITH THE EXISTING SCHOOL CAMPUS FIRE ALARM SYSTEM.
 - EXISTING 18"W X 24"L X 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "ELEC."
 - EXISTING 24"W X 36"L X 36"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "SIGNAL"
 - EXISTING 12"W X 18"L X 30"D. PRECAST CONCRETE PULL BOX WITH TRAFFIC COVER LID LABEL "FIRE ALARM". REFER TO SHEETS FA-0.1 THRU FA-2.1 FOR ADDITIONAL INFORMATION
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- 11 FOR FIRE ALARM SYSTEM USE EXISTING WEATHERPROOF 6" X 8" X 4" D. PULL BOX MOUNTED ON BUILDING EXTERIOR +24" F.F.
- 12 EXISTING PORTABLE CLASSROOM BUILDING TO REMAIN IN PLACE (SEE SHEET FA-0.1).
- 13 EXISTING PORTABLES CLASSROOM BUILDING TO BE REMOVED AND RELOCATED (SEE SHEET FA-0.1).
- 14 EXISTING UNDERGROUND CONDUIT SYSTEM, INCLUDING FIRE ALARM SYSTEM CABLE TO REMAIN IN PLACE AND BE REUSED IN THIS CONTRACT FOR THE RECONNECTIONS OF FIRE ALARM SYSTEM TO THE PORTABLE BUILDINGS (SCHOOL CAMPUS USE).
- 15 EXISTING UNDERGROUND FIRE ALARM SYSTEM CONDUIT INSTALLATION. CONTRACTOR SHALL REMOVE EXISTING EXISTING FIRE WIRING AND REUSE CONDUIT RUN IN THIS CONTRACT TO RECONNECT RELOCATED PORTABLE CLASSROOM BUILDING.
- 16 EXISTING UNDERGROUND FIRE ALARM SYSTEM CONDUIT INSTALLATION. CONTRACTOR SHALL REMOVE EXISTING FIRE WIRING AND ABANDON CONDUIT RUN IN PLACE.

UNLESS OTHERWISE NOTED ALL WORK SHOWN IN HASHED BLOCK-OUT AREA IS EXISTING TO REMAIN AND WAS INSTALLED UNDER SEPARATE CONTRACTS AND DSA APPROVAL SUBMITTALS.



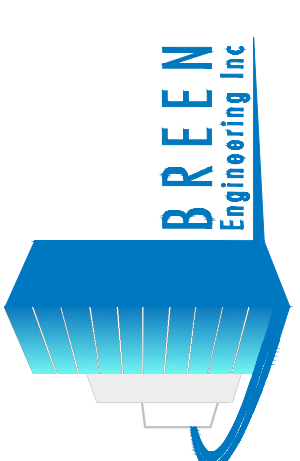
AREA OF PORTABLE CLASSROOM INSTALLATION WORK

DWF PDF Created On: Feb 02, 2017 5:47pm. Plotted By: Breen. Filename: H:\Projects\273-13-001 - Franklin ESC\CAD\Two New Portable Classrooms\Electrical\FA-11-Fire Alarm Demo Site Plan.dwg
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FIRE ALARM PORTABLE CLASSROOMS FLOOR PLAN

SCALE: AS NOTED

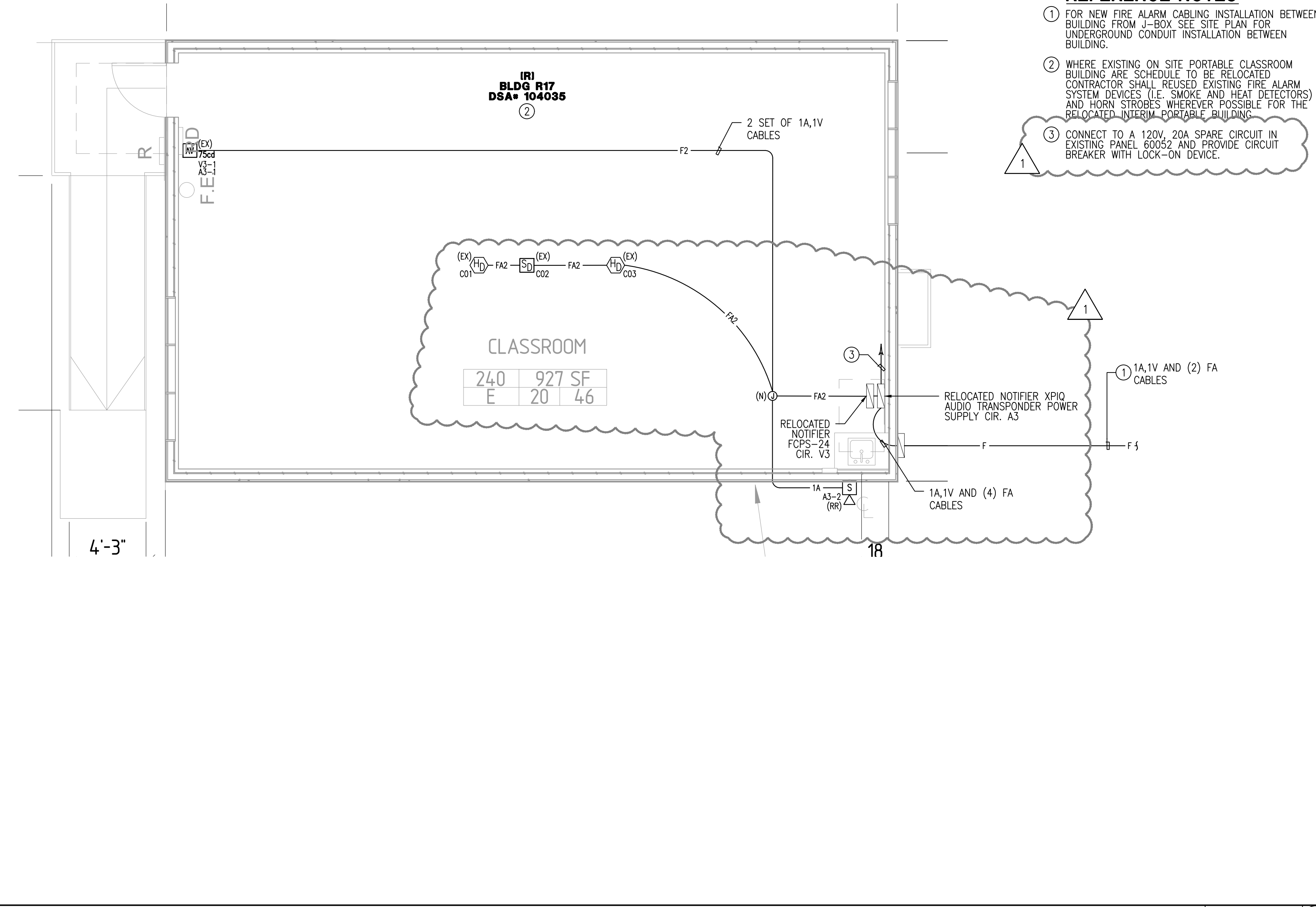
FA-21

- NOTES**
- ALL FIRE ALARM SYSTEM CABLING RUN BETWEEN BUILDINGS AND EXPOSED TO WEATHER SHALL BE U.L. LISTED WATERPROOF FOR OUTDOOR USE.
 - WHILE THE NEW CLASSROOM BUILDING IS UNDER CONSTRUCTION TO FINISH COMPLETION, IT'S THE INTENT OF GLENDALE UNIFIED SCHOOLS DISTRICT TO RELOCATE AND RE-USE EXISTING PORTABLE CLASSROOM BUILDINGS (INCLUDING THE EXISTING FIRE ALARM DEVICES WITHIN THE BUILDING WHERE EVER POSSIBLE) AND WHICH IS CURRENTLY LOCATED AT SITE FOR STUDENT'S CLASSROOM USE DURING THE INTERIM PERIOD OF THE SCHOOL YEAR.
 - FIRE ALARM CONTRACTOR IS URGED TO REUSE ALL EXISTING FIRE ALARM DEVICES (I.E. SMOKE AND HEAT DETECTORS), HORN STROBE AND EXISTING FIRE ALARM SYSTEM CONDUIT AND WIRING WHERE EVER POSSIBLE. IF DURING CONSTRUCTION IT IS DETERMINED THAT EXISTING DEVICES AND/OR WIRING MUST BE REPLACED WITH NEW, THEN THE CONTRACTOR BID COST SHALL INCLUDE ALL LABOR, TOOLS AND MATERIAL REQUIRED TO MAKE THE ABOVE SAID EXISTING FIRE ALARM INSTALLATION A COMPLETE TESTED AND OPERABLE FIRE ALARM SYSTEM FOR SCHOOL USE.

- REFERENCE NOTES**
- FOR NEW FIRE ALARM CABLING INSTALLATION BETWEEN BUILDING FROM J-BOX SEE SITE PLAN FOR UNDERGROUND CONDUIT INSTALLATION BETWEEN BUILDING.
 - WHERE EXISTING ON SITE PORTABLE CLASSROOM BUILDING ARE SCHEDULE TO BE RELOCATED CONTRACTOR SHALL REUSED EXISTING FIRE ALARM SYSTEM DEVICES (I.E. SMOKE AND HEAT DETECTORS) AND HORN STROBES WHEREVER POSSIBLE FOR THE RELOCATED INTERIM PORTABLE BUILDING.
 - CONNECT TO A 120V, 20A SPARE CIRCUIT IN EXISTING PANEL 600S2 AND PROVIDE CIRCUIT BREAKER WITH LOCK-ON DEVICE.

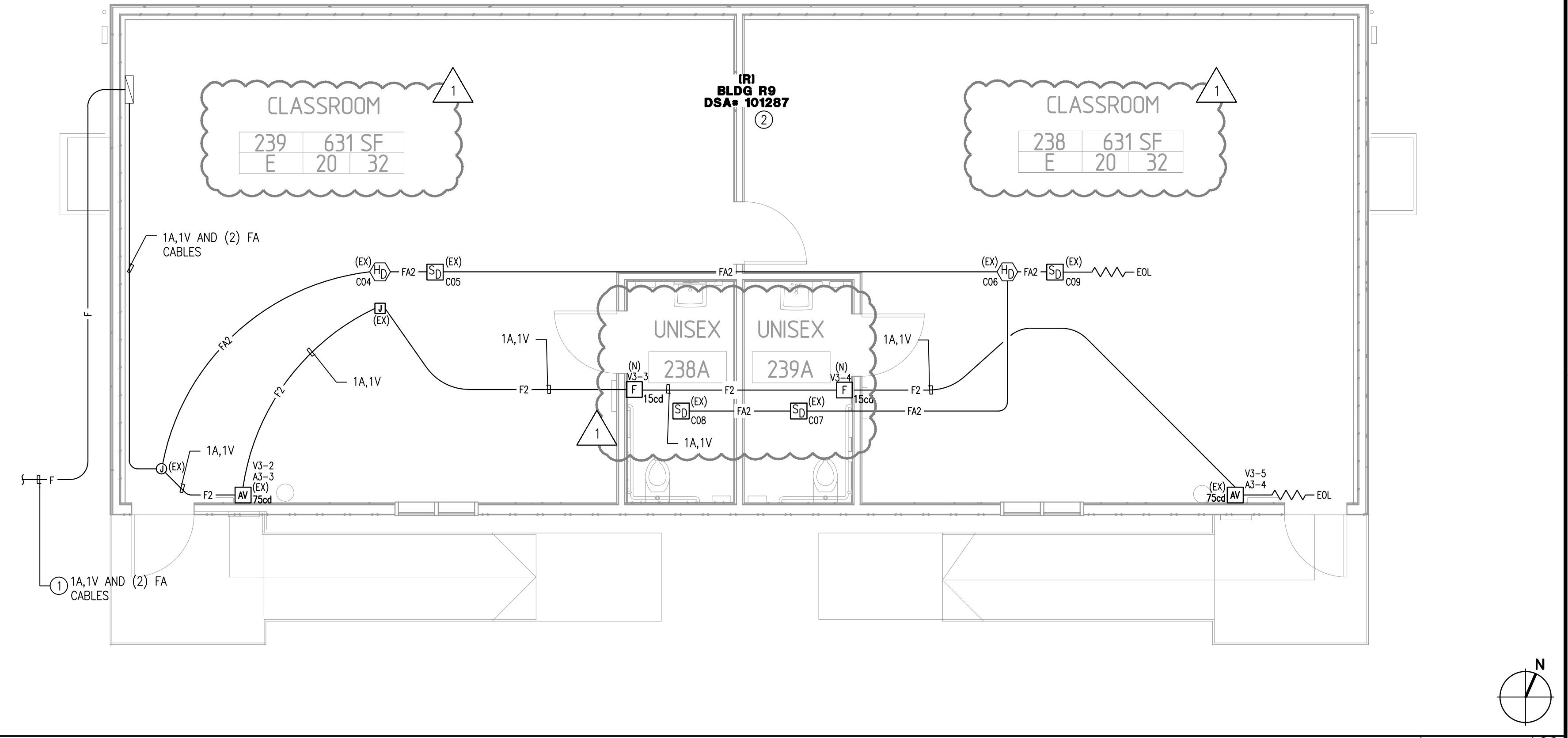
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 - FIRE ALARM CONTRACTOR IS URGED TO REUSE ALL EXISTING FIRE ALARM DEVICES (I.E. SMOKE AND HEAT DETECTORS), HORN STROBE AND EXISTING FIRE ALARM SYSTEM CONDUIT AND WIRING WHERE EVER POSSIBLE. IF DURING CONSTRUCTION IT IS DETERMINED THAT EXISTING DEVICES AND/OR WIRING MUST BE REPLACED WITH NEW, THEN THE CONTRACTOR BID COST SHALL INCLUDE ALL LABOR, TOOLS AND MATERIAL REQUIRED TO MAKE THE ABOVE SAID EXISTING FIRE ALARM INSTALLATION A COMPLETE TESTED AND OPERABLE FIRE ALARM SYSTEM FOR SCHOOL USE.

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 - WHERE EXISTING ON SITE PORTABLE CLASSROOM BUILDING ARE SCHEDULE TO BE RELOCATED CONTRACTOR SHALL REUSED EXISTING FIRE ALARM SYSTEM DEVICES (I.E. SMOKE AND HEAT DETECTORS) AND HORN STROBES WHEREVER POSSIBLE FOR THE RELOCATED INTERIM PORTABLE BUILDING.
 - CONNECT TO A 120V, 20A SPARE CIRCUIT IN EXISTING PANEL 600S2 AND PROVIDE CIRCUIT BREAKER WITH LOCK-ON DEVICE.



FIRE ALARM PORTABLE R17 FLOOR PLAN

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

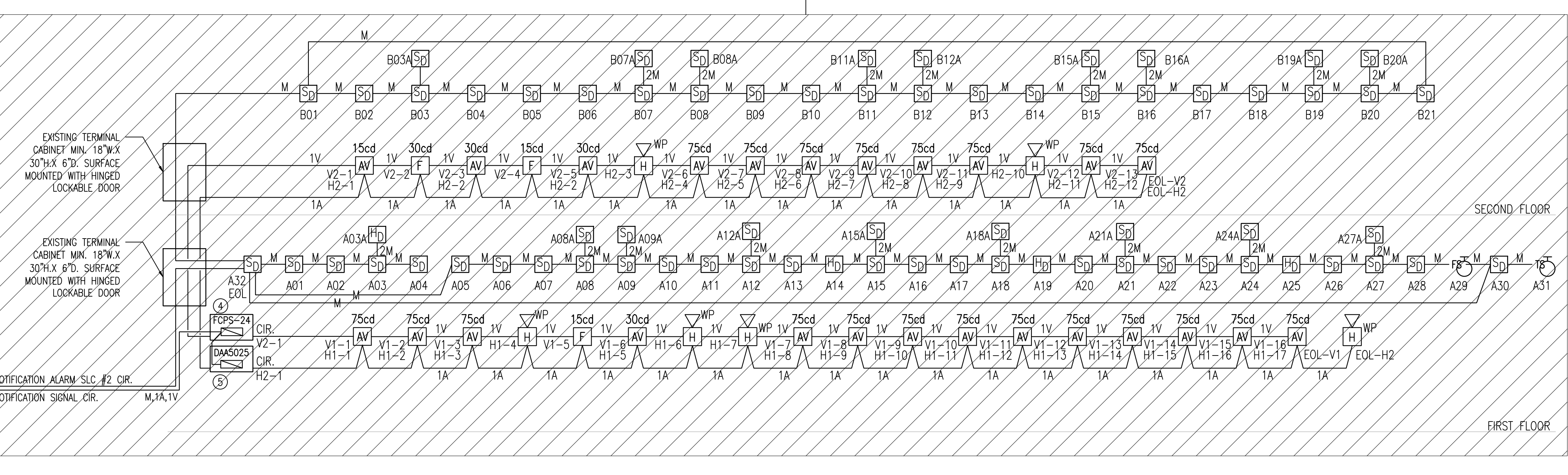
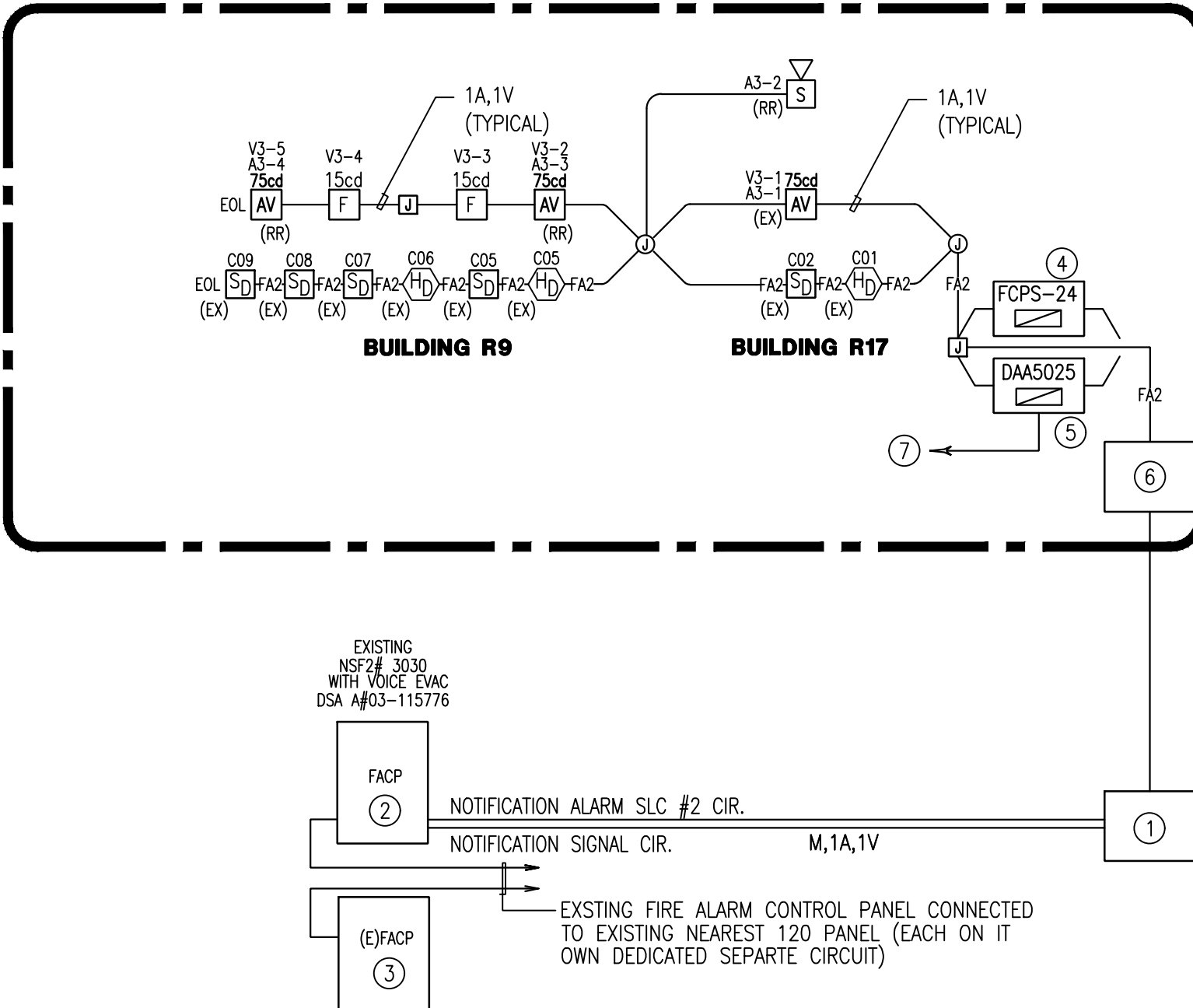


FIRE ALARM PORTABLE R9 FLOOR PLAN

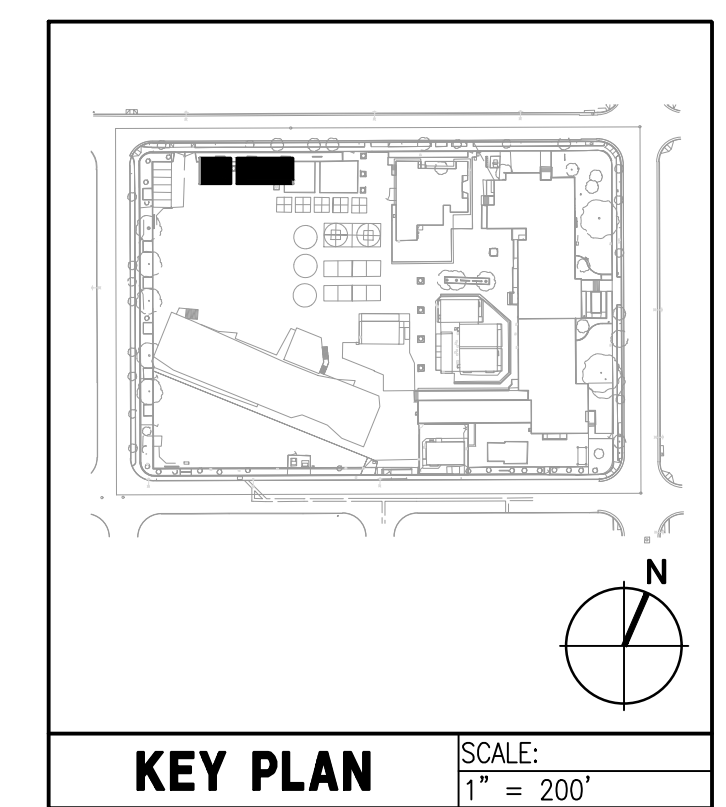
SCALE: 1/4" = 1'-0"

AREA OF WORK NEW PORTABLE CLASSROOM BUILDINGS
SEE FA-21

N.I.C PLAN SUBMITTED AND APPROVED UNDER DSA FILE NO. 19-41 APPL NO. 03-115568



FIRE ALARM RISER DIAGRAM



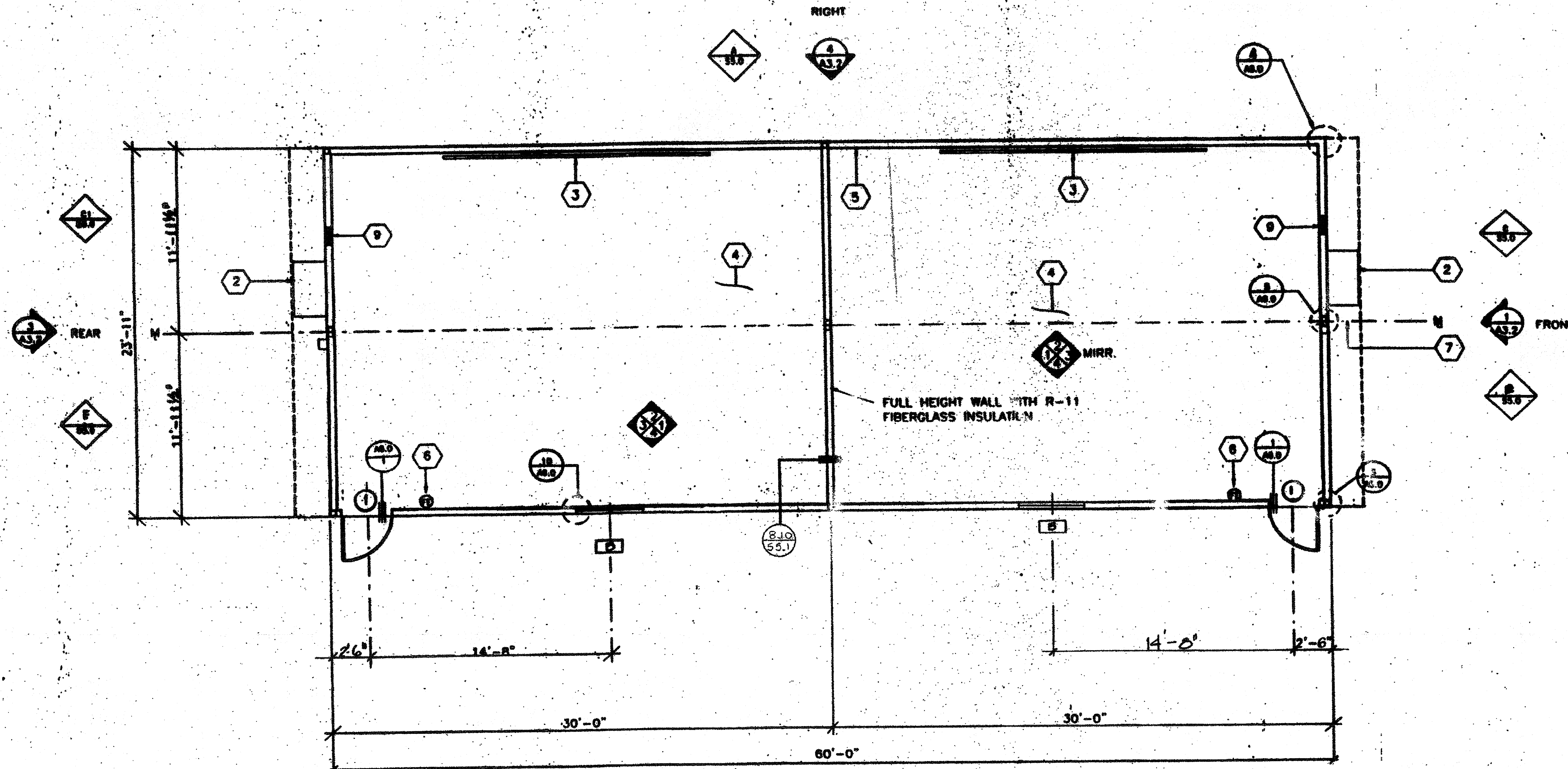
KEY PLAN SCALE: 1" = 200'

KEY NOTES

- ① NOT USED
- ② HVAC UNIT (U)
- ③ 2- 8"x4" MARKER BOARDS (SEE SPEC'S. FOR TYPE)
- ④ FINISH FLOORING (SEE FINISH SCHED.) AS.0
- ⑤ TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) AS.0
- ⑥ FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH SA-10BC U.L. RATING ON WALL MTD. FIRE EXTINGUISHER HANDLE AT 48" A.F.F.
- ⑦ MODLINE (N TYPICAL)
- ⑧ OPTIONAL SIDEWALL OVERHANG
- ⑨ ELECTRICAL PANEL (E)
- ⑩ NOT USED

NOTES

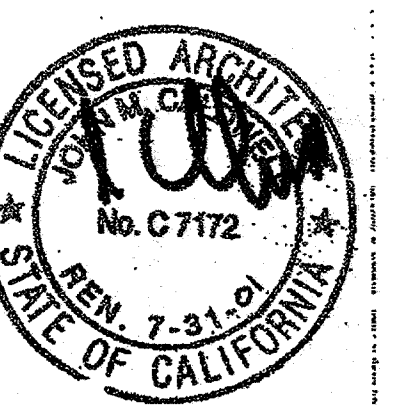
- 1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW U.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF AND FLOOR DESIGN LOADS, AND DESIGN WIND LOAD.



FLOOR PLAN BLDG TYPE 3

SCALE 1/4"=1'-0"

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DIV. OF THE STATE ARCHITECT
A 03117210
AC/FLS MSS
Date JUL 18 2016



APR 10 1 2012
DATE MAY 1 1999

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT	MOOTECH INC.	JOB NO: 2703-G GENDALE U.S.D. FRANKLIN ELEM. SCHOOL	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT DATE APR 1 2014	DRAWN BY RS DATE 8-10- CHECKED BY DATE

FLOOR PLAN A1.2

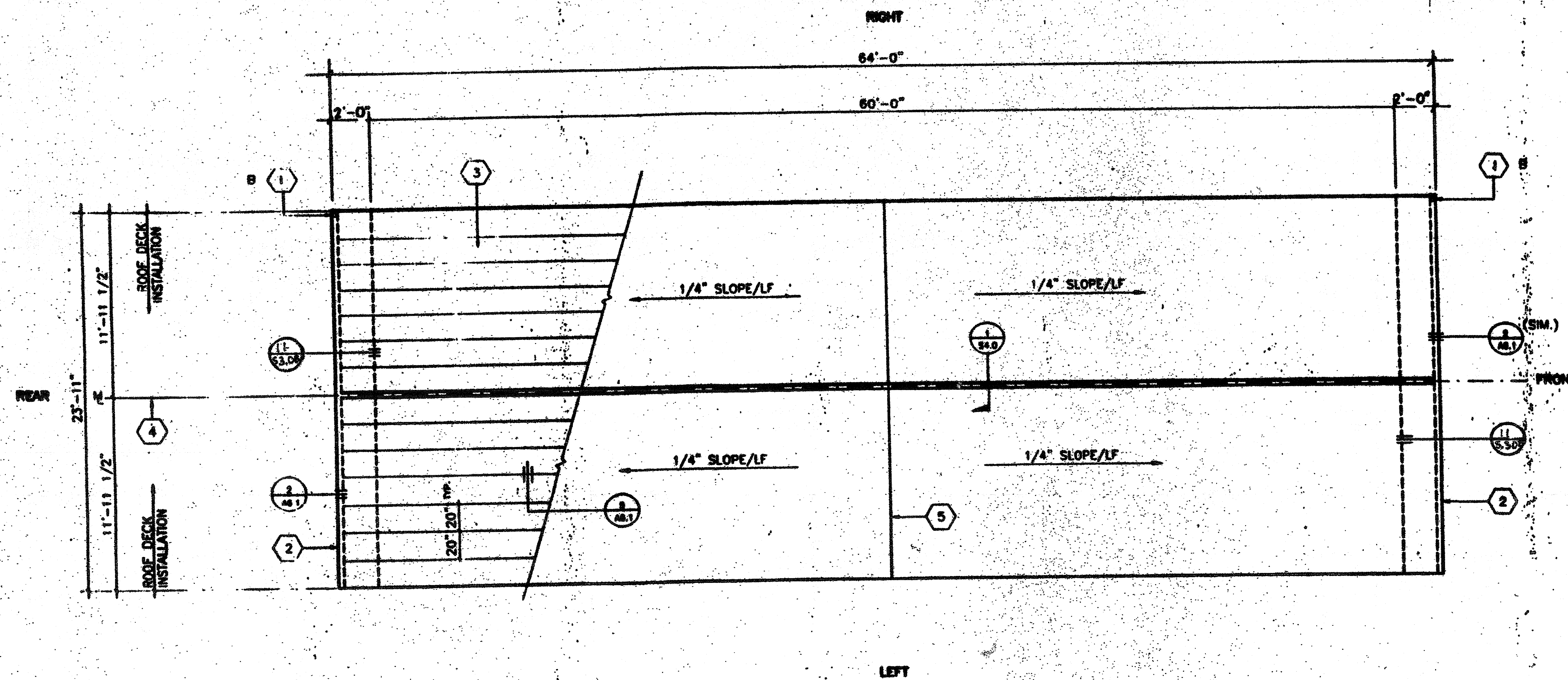
"AS BUILTS"

KEY NOTES

- ① DOWNSPOUT (TYPICAL FOR TWO) SEE 8/A8.1
- ② CONTINUOUS GUTTER SEE 9/A8.1
- ③ 26 GA. MIN. INTERLOCKING ROOF PANELS OVER 3/4" CDX PLYWOOD OVER AQUA BAR 18 (MIN) ROOFING UNDERLAYMENT RADC LISTING #1109
- ④ MODLINE
- ⑤ RIDGE LINE

KEY NOTES

- 1. BUILDINGS, HOUSING, GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN TABLE 15A, C.B.C., CLASS "A".



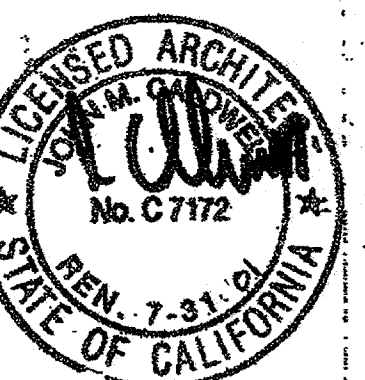
ROOF PLAN

BLDG. TYPE 3

SCALE 1/4"=1'-0"

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AC PLS MSS JFA
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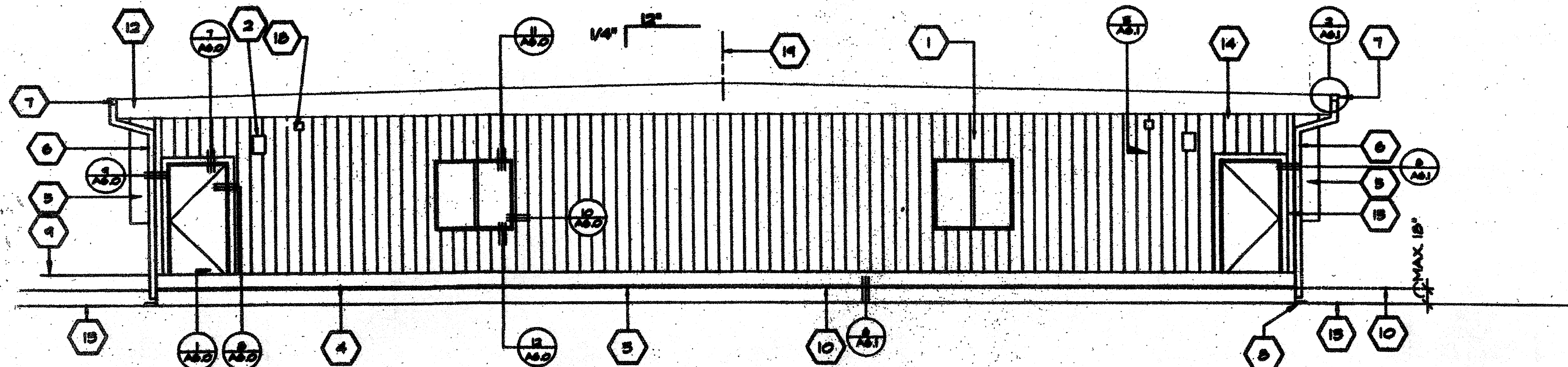
APPL 201287
DATE MAY 17 1998



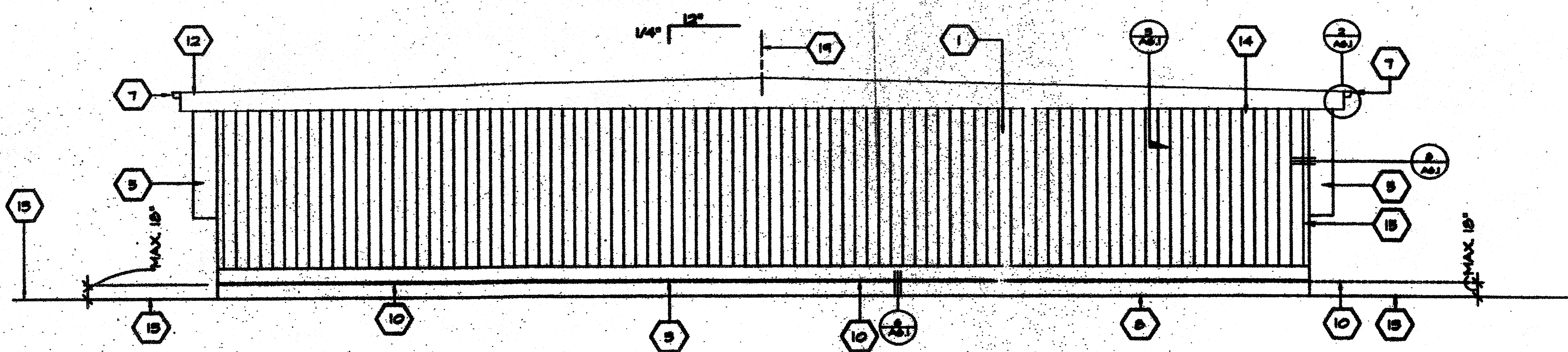
5/1/98

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT		MODTECH INC. 2830 BARRETT AVE. PERRIS, CA. 92572 PH. (909) 943-4014 FX. (909) 940-0427	JOB NO. 2703-G GLENDALE U.S.D. FRANKLIN ELEM. SCHOOL	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APR 16 2017 DATE APR 16 2017	DRAWN BY DATE CHECKED BY DATE
							CONFIDENTIAL - THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF MODTECH INC. REPRODUCTION OR TRANSMISSION IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF MODTECH INC. IS PROHIBITED.	ROOF PLAN	A2.2	

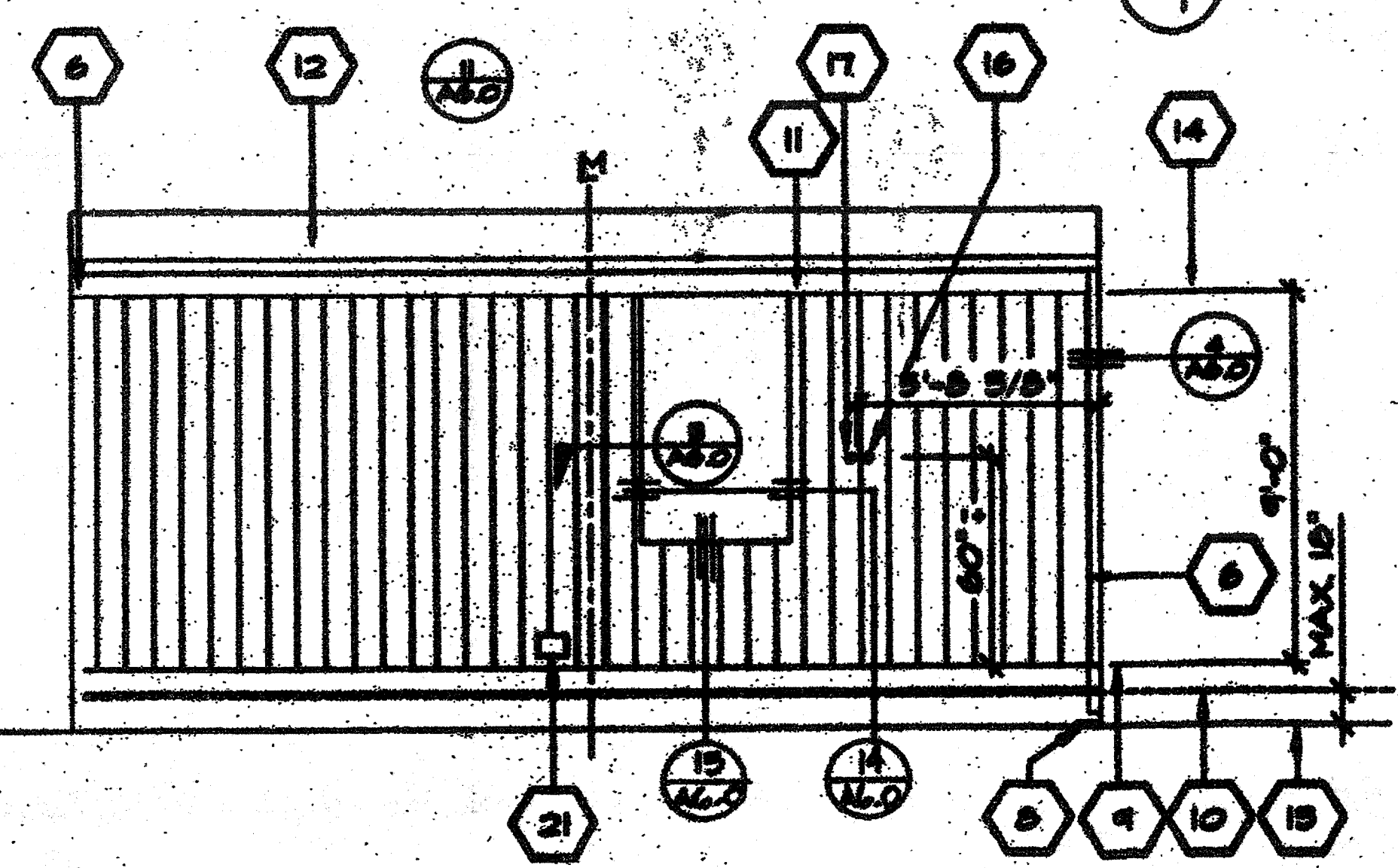
"AS BUILTS"



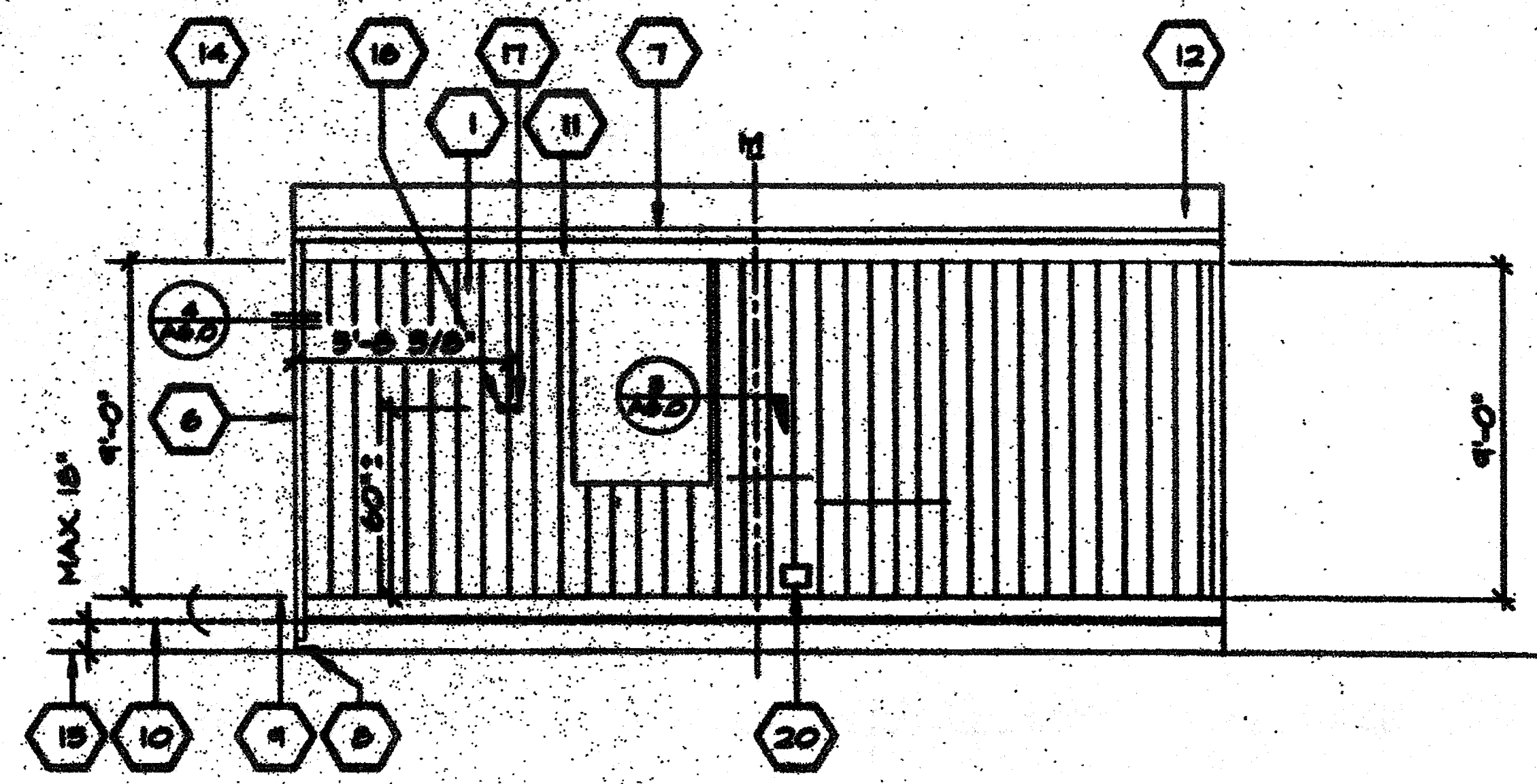
② SIDE ELEVATION (LEFT)



④ SIDE ELEVATION (RIGHT)



① FRONT ELEVATION



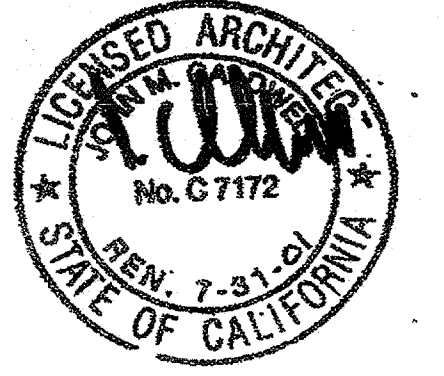
③ REAR ELEVATION

EXTERIOR ELEVATIONS

BLDG. TYPE 3
SCALE 1/4"=1'-0"

KEY NOTES

- ① TYPICAL EXTERIOR SIDING (SEE SPECIFICATIONS)
- ② EXTERIOR LIGHT FIXTURE (SEE SPECIFICATIONS)
- ③ TOP OF SKIRTING
- ④ RAMP AND LANDING SEE SHT. R-1
- ⑤ HVAC UNIT SEE SHT. MI-2
- ⑥ DOWNSPOUT (TYP. TWO) FASTEN EACH DOWNSPOUT TO BLDG. TYP. 2 PLACES (SEE S/A6.1)
- ⑦ CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN) SEE S/A6.1
- ⑧ SPLASH BLOCK - BY OTHERS
- ④ FINISH FLOOR LINE
- ⑩ BOTTOM FLANGE OF FLOOR BEAM
- ⑪ ROOF HEADER
- ⑫ ROOF OVERHANG
- ⑮ FINISH GRADE
- ⑭ ROOF BEAM (SEE STRUCTURAL)
- ⑮ COLUMN (SEE STRUCTURAL)
- ⑯ ELECTRICAL STUB-OUT 1/4"Ø (TYPICAL)
- ⑰ GROUND STUB-OUT 3/4"Ø (TYPICAL)
- ⑱ FIRE ALARM HORN, SEE ELEC. SHEET
- ⑲ RIDGE
- ⑳ 4/8"Ø WEATHER PROOF ELEC. GUTTER BOX
- ㉑ FIRE ALARM J-BOX @ 18" ABOVE FIN. FLOOR



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AC FLS M SS JH
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
REF: 10/28/97
DATE: MAY 11 1997

REVISIONS

ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT

MODTECH INC.
2830 BARRETT AVE.
PERRIS, CA. 92572
PH. (909) 943-4014
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FRANKLIN ELEM. SCHOOL

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DATE: APR 11 2017

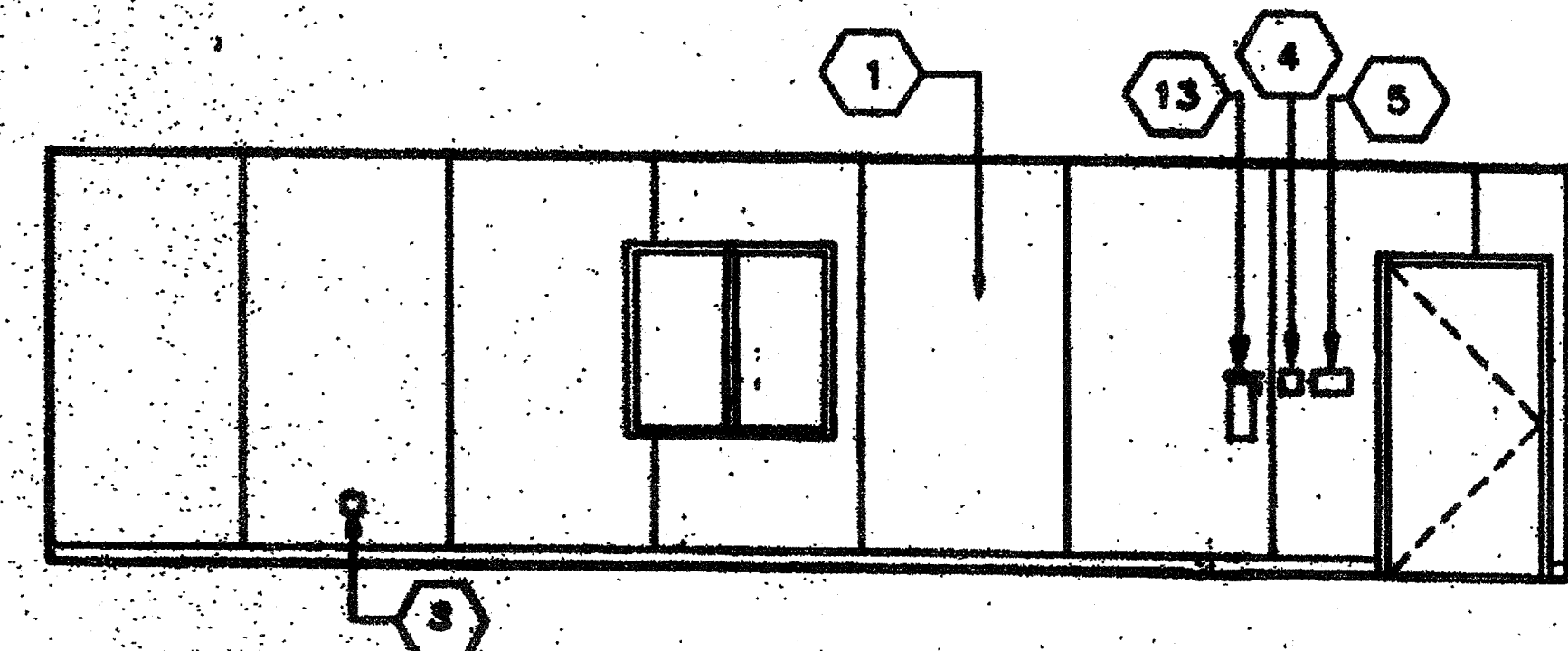
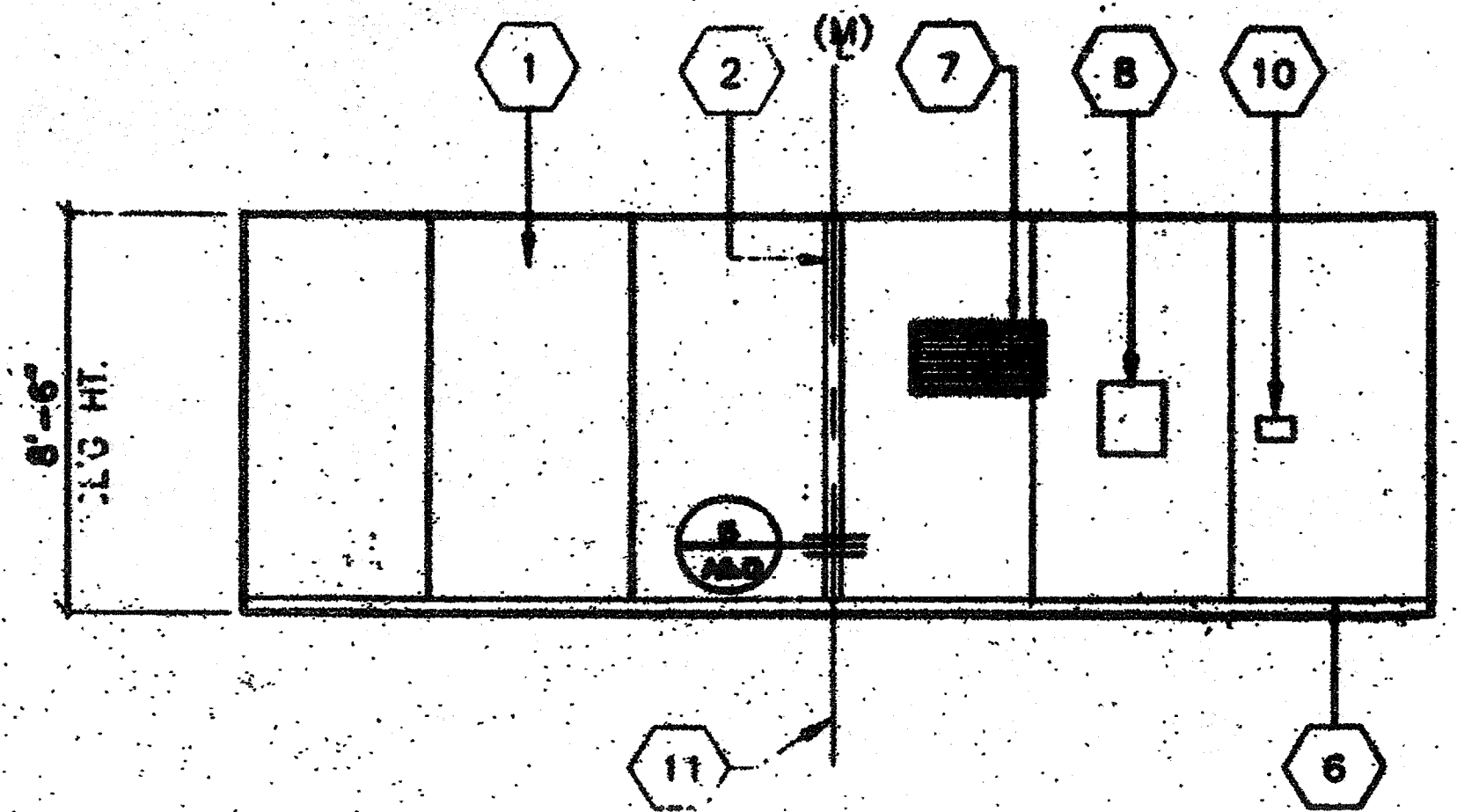
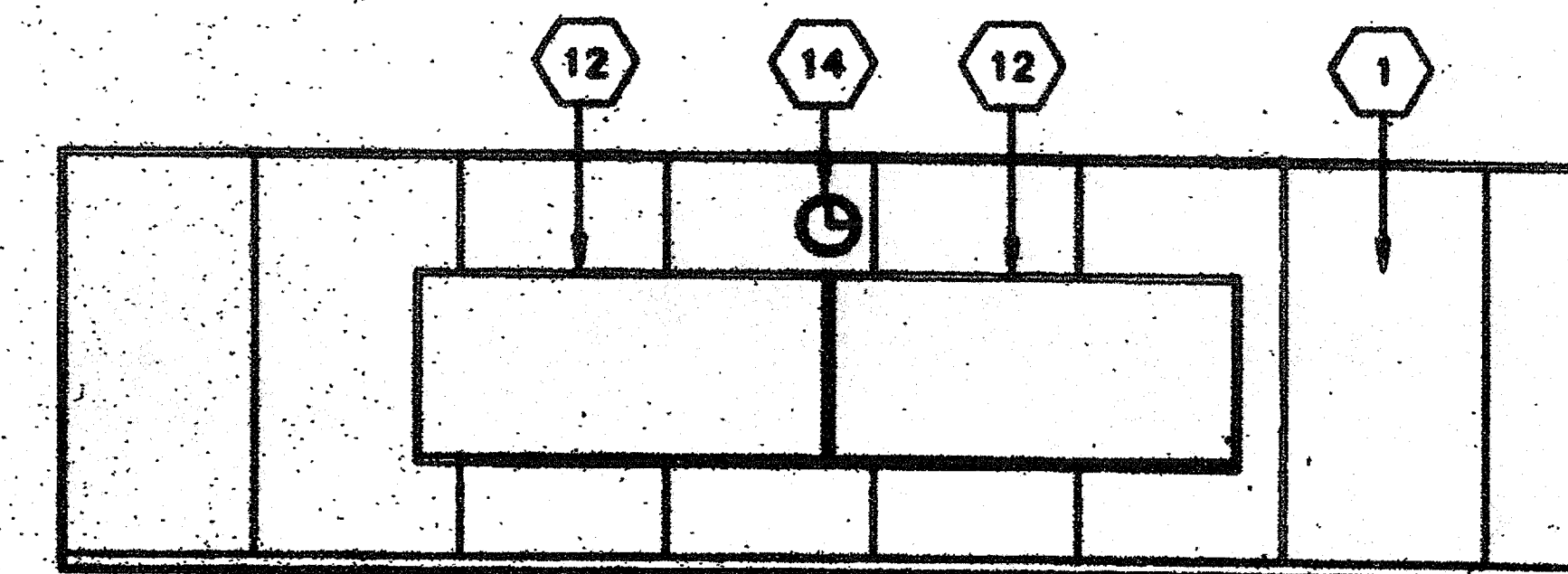
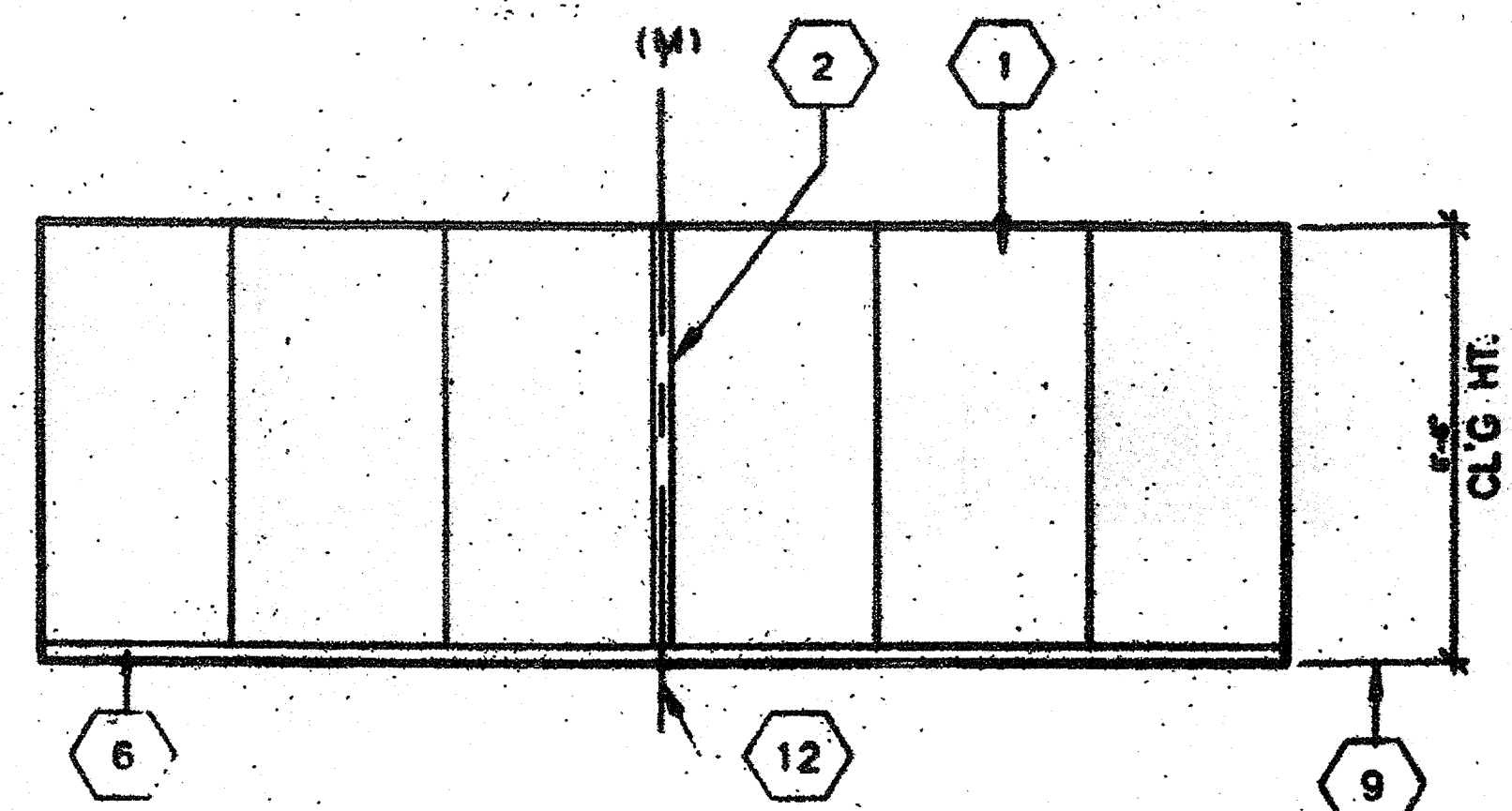
EXTERIOR ELEVATIONS

DRAWN BY RS
DATE 8-10-96
CHECKED BY
DATE
A3.2

"AS BUILTS"

KEY NOTES

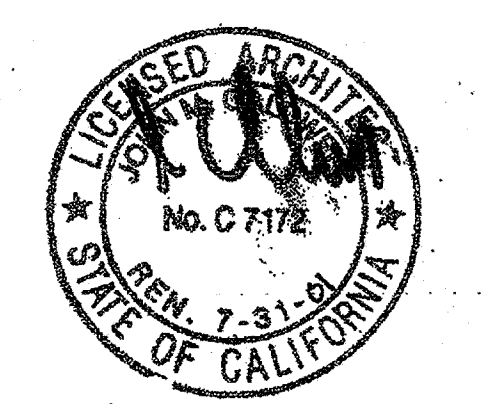
- ① TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE SHT.A5.0)
- ② CLOSURE AT MODULAR JOINT
- ③ DUPLEX WALL RECEPTACLE (EL) TYP
- ④ FIRE ALARM PULL STATION (EL)
- ⑤ LIGHT SWITCH (EL)
- ⑥ TOP SET BASE (TYPICAL) SEE FINISH SCHED.
- ⑦ RETURN AIR GRILL (RAG.)
- ⑧ ELECTRICAL PANEL (EL)
- ⑨ FINISH FLOOR
- ⑩ THERMOSTAT (SEE MECH. DRAWING)
- ⑪ MODULAR JOINT
- ⑫ 8040 MARKBOARD
- ⑬ FIRE EXTINGUISHER: 5LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD FIRE EXTINGUISHER HANDLES AT 48" A.F.F.
- ⑭ 12" DIA. ELECTRIC CLOCK (EL)



INTERIOR ELEVATIONS

BLDG. TYPE: 3
SCALE: 1/4"=1'-0"

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DATE MAY 11 1997

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JOB NO: 2703-CG
GLENDALE, U.S.P.
FRANKLIN, ELEM. school

APR 10 1997
DATE MAY 11 1997

INTERIOR ELEVATIONS

DRAWN BY RS
DATE 8-10-96
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DATE
A4.2

"AS BUILTS"

DOOR SCHEDULE

DOORS	FRAMES	NOTE NO.
FRAME OPENING SIZE	MATERIAL	
3'-0" x 6'-0"	HM 7/AS.0 8/AS.0 1/AS.0 5-1/8"	

HOLLOW METAL ALUMINUM
 STAINLESS STEEL
 STEEL FRAME, 16ga, FULLY WELDED, GALV @ EXTERIOR, REPUBLIC "ME" SERIES. PAINT TO WINDOW WALL FRAME
 SOLID CORE WOOD
 HOLLOW CORE WOOD
 SOLID CORE WOOD W/LAMINATED PLASTIC FACES.

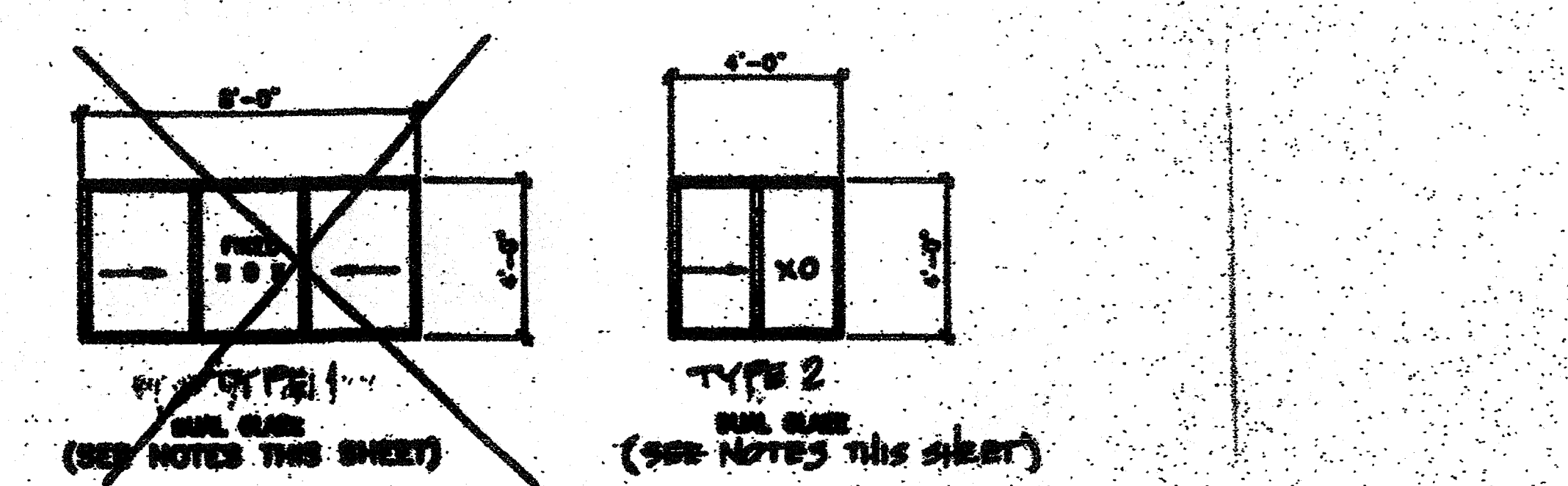
DOOR ELEVATIONS



WINDOW SCHEDULE

WIN. NO.	AMT.	TYPE	WIDTH	HEIGHT	FINISH	GLASS TYPE
1	2	2	4'-0"	4'-0"	ANODIZED	7/32" MIN. SOLAR GRAY 40% DUAL GLAZ.
2	1	2	4'-0"	4'-0"	ANODIZED	7/32" MIN. SOLAR GRAY 40% DUAL GLAZ.

WINDOW ELEVATIONS



ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	WALLS	CEILING	REMARKS
CLASSROOM	C	D	F	

- A - CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4800, DIRECT GLUE DOWN WITH 4" TOPSET BASE.
- B - RESILIENT OR EQUAL
- C - VCT, ARMSTRONG STANDARD OR EXCELOX
- D - TOP SET BASE, 4" BURKE
- E - TOP SET BASE, 6" BRIGANTINE OR SANDOVAL
- F - WALL FINISH, 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
- G - 1/2" W.R. GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
- H - 3/8" W.R. GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
- I - 1/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
- J - 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
- K - 1/8" MARLITE OVER 1/2" W.R. GYP BOARD
- L - ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

DOOR NOTES

DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 36" AFF. & DEADBOLTS @ 44" AFF. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
 ALL DOORS SHALL BE 1-3/4" THICK UNO DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
 CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS @ EXTERIOR DOORS AND 5.0 LBS @ INTERIOR DOORS.
 PLACE SIGN OVER EXIT DOORS; THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS; SIGNAGE IS NOT IN MORTGAGE CONTRACT

WINDOW NOTES

1-4040 X0: ANODIZED ALUMINUM, DUAL GLAZING, 7/32" MIN. TYPIFIED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 40%, ALL OPERABLE SASH SHALL HAVE SCREENS.

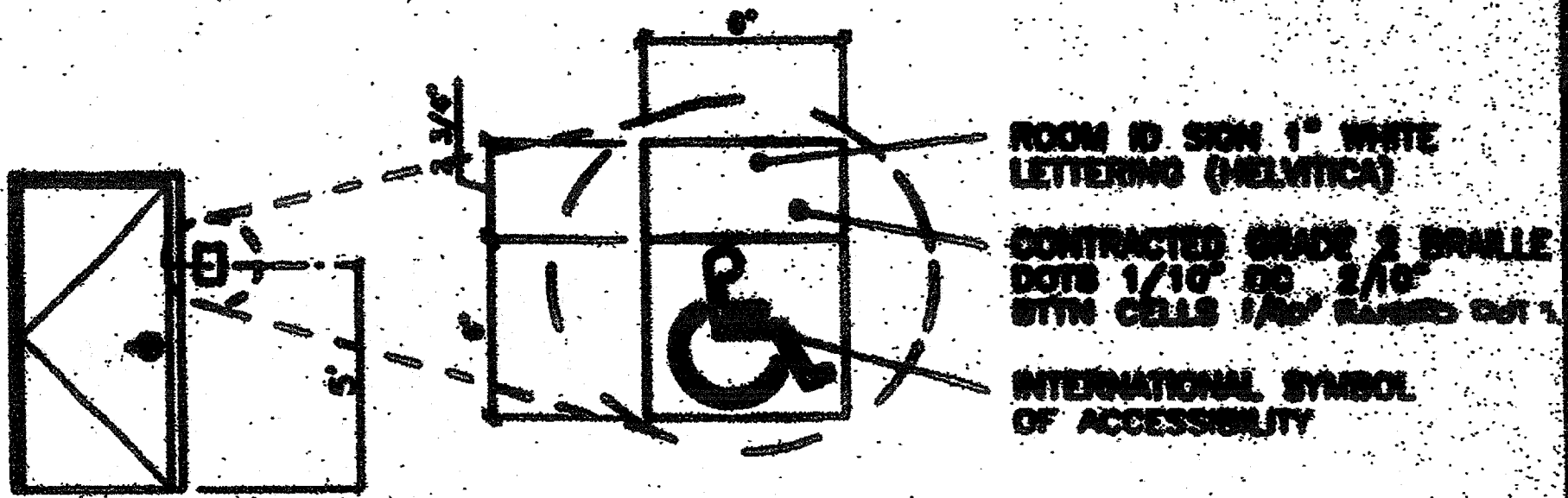
FINISH NOTES

ALL FINISHES SHALL COMPLY W/C.B.C. CHAPTERS 3-8 & 10, CALIF. FIRE CODE & TITLE 19 C.C.R.

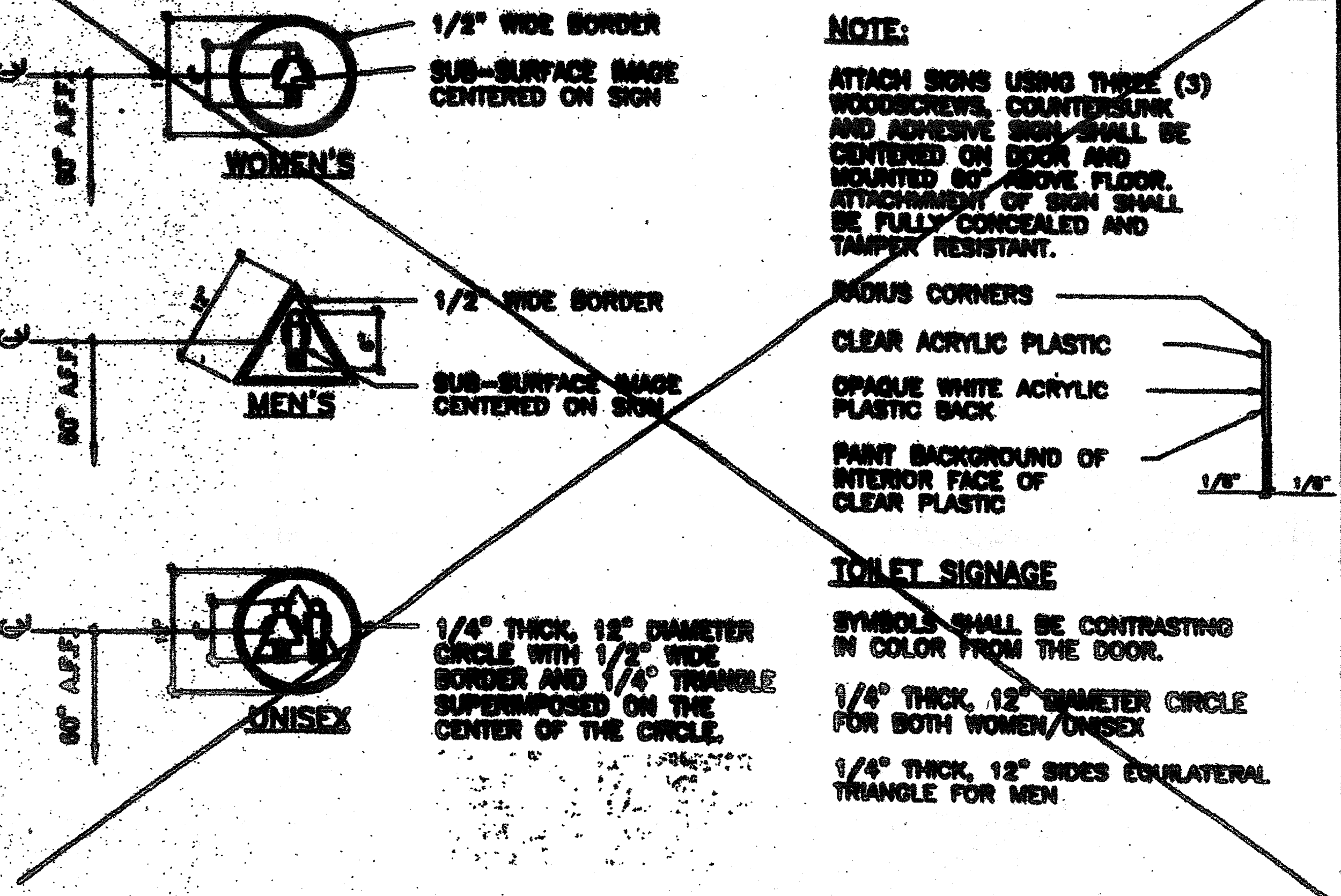
HARDWARE SCHEDULE

- HARDWARE SET #1**
 LOCKSET - SCHLAGE D70FD, RHODES LEVER, OR EQUAL.
 BUTTS - 1-1/2" PNR HAGER 1279 BS 4-1/2" x 4-1/2" NRP 280 OR EQUAL.
 CLOSER - MORTON 8801 BFD / 800 BFD CAL ROYAL OR EQUAL.
 THRESHOLD - PEMCO 271A OR EQUAL.
 DOOR BOTTOM - PEMCO 216AV OR EQUAL.
 WEARSTRIP - PEMCO 288AV OR EQUAL.
- HARDWARE SET #2 (OUTDOOR ENTRANCE)**
 LOCKSET - SCHLAGE D100 WITH RHODES LEVER, OR EQUAL.
 BUTTS - 1-1/2" PNR HAGER 1279 4-1/2" x 4-1/2" 280
- HARDWARE SET #3 (ENTRANCE / OFFICE LOCKABLE)**
 LOCKSET - SCHLAGE D50FD, WITH RHODES LEVER OR EQUAL.
 BUTTS - 1-1/2" PNR HAGER 1279 4-1/2" x 4-1/2" 280
- HARDWARE SET #4 (OUTDOOR TOILET ROOM / FINISH)**
 LOCKSET - SCHLAGE D400 OR EQUAL.
 BUTTS - 1-1/2" PNR HAGER 1279 4-1/2" x 4-1/2" 280
- HARDWARE SET #5 (INTERIOR STOREROOM)**
 LOCKSET - SCHLAGE D50FD WITH RHODES LEVER OR EQUAL.
 BUTTS - 1-1/2" PNR HAGER 1279 4-1/2" x 4-1/2" 280
- HARDWARE SET #6 (DANCE)**
 LOCKSET - VON DUPON 80L PNRG HARDWARE OR EQUAL.
 BUTTS - 1-1/2" PNR HAGER 1279 BS 4-1/2" x 4-1/2" NRP 280 OR EQUAL.
 CLOSER - MORTON 8801 BFD / 800 BFD CAL ROYAL OR EQUAL.
 THRESHOLD - PEMCO 271A OR EQUAL.
 DOOR BOTTOM - PEMCO 216AV OR EQUAL.
 WEARSTRIP - PEMCO 288AV OR EQUAL.

ACCESSIBILITY SIGNAGE (BY DISTRICT)



ACCESSIBILITY SIGNAGE (AS REQUIRED - BY MDTech)



REVISIONS

NO.	DESCRIPTION	DATE

Professional Engineer's Seal:

Architect's Seal:

PC304

PROJECT NO: 2703-A
 GLENDALE U.S.D.
 FRANKLINELEM. SCHOOL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 A 03 117210
 AC/FLS/MS/SS/DA
 Date: JUL 1 8 2016

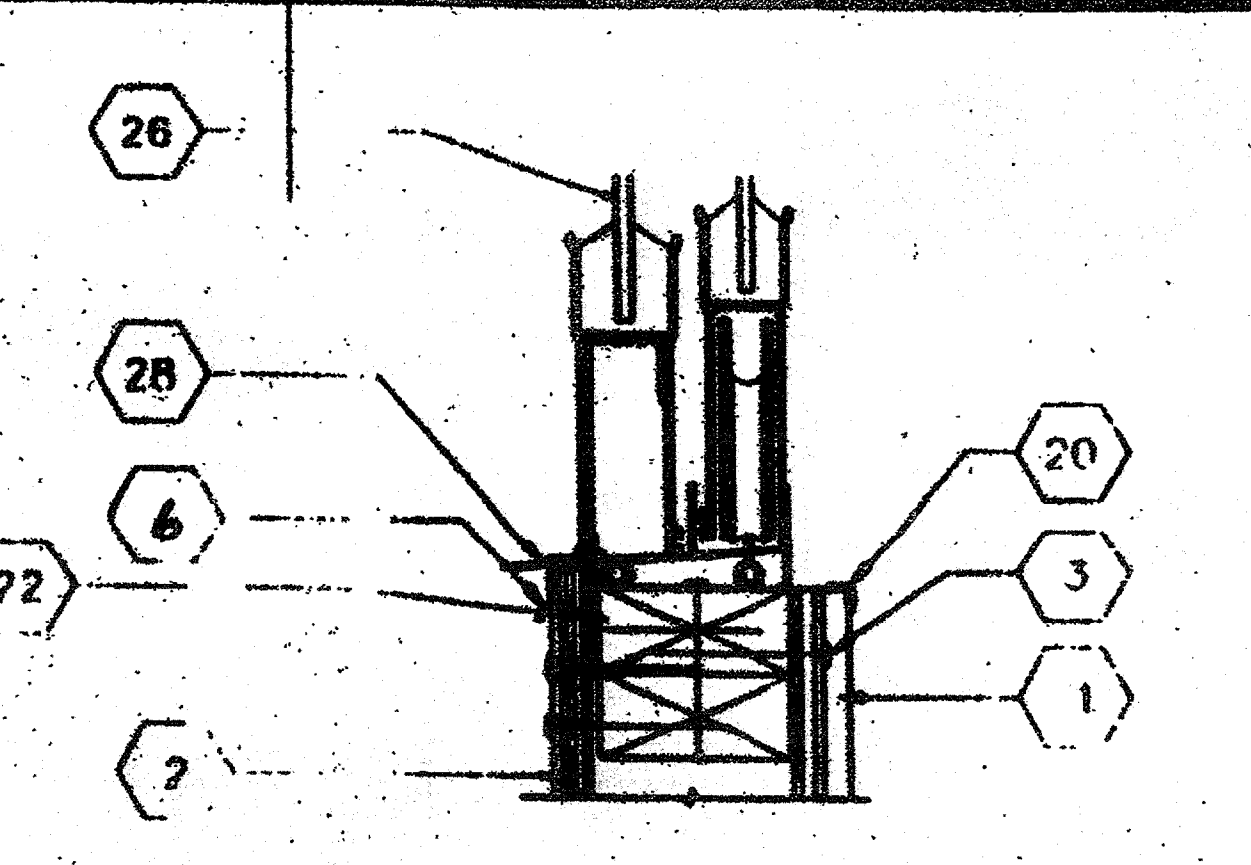
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STATE OF CALIFORNIA
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 No. C7172
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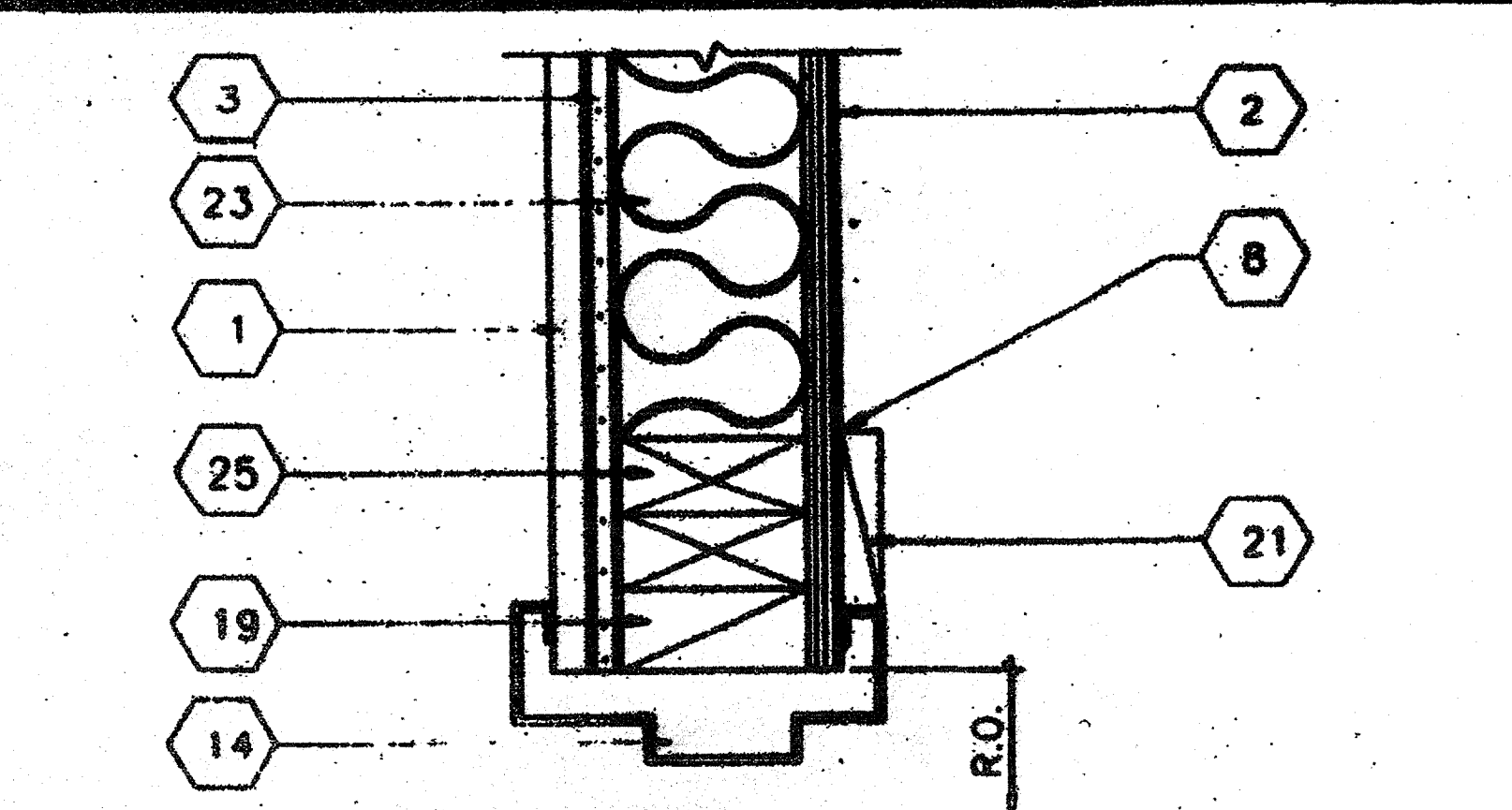
SCHEDULES

A5.0

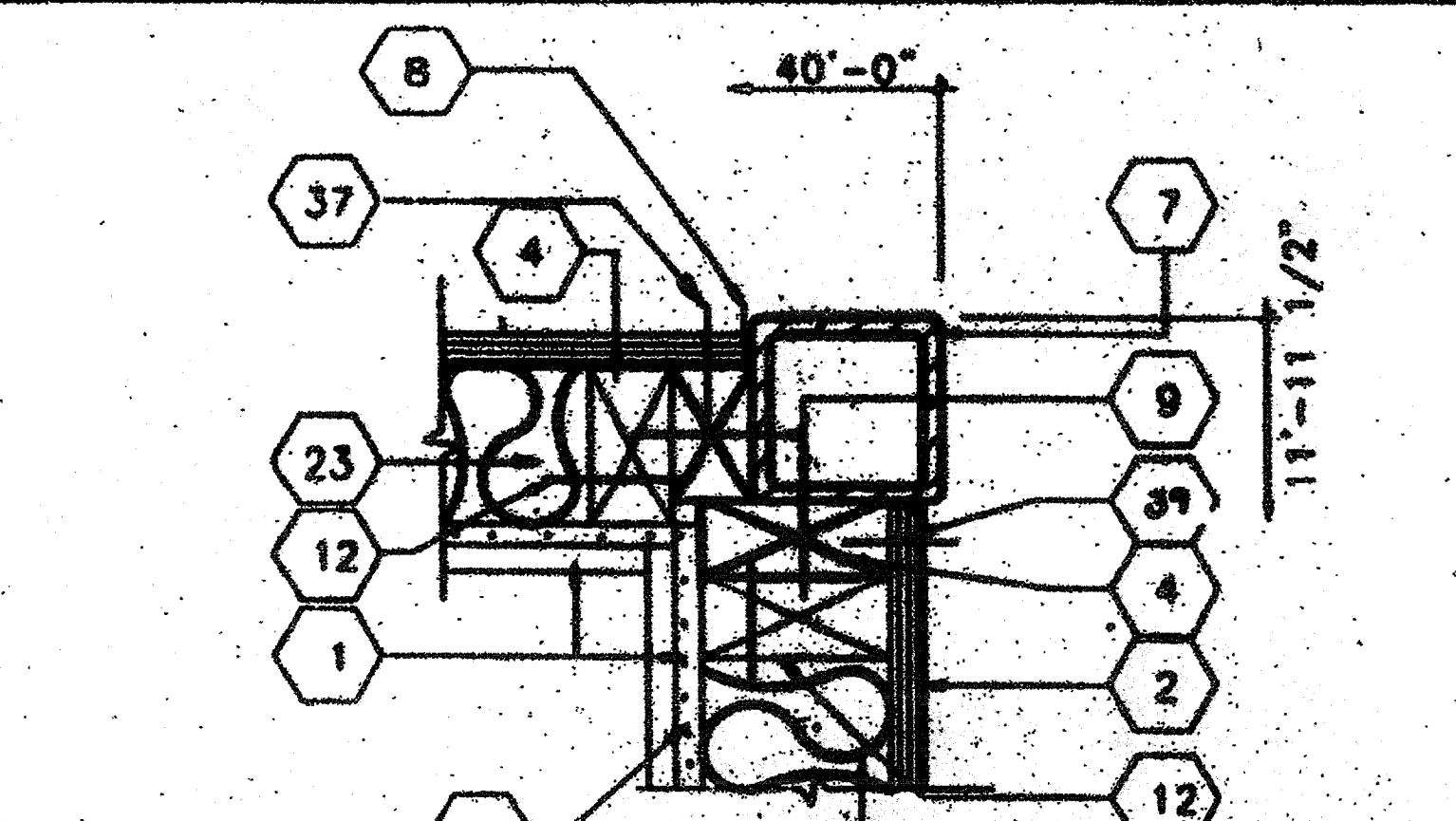
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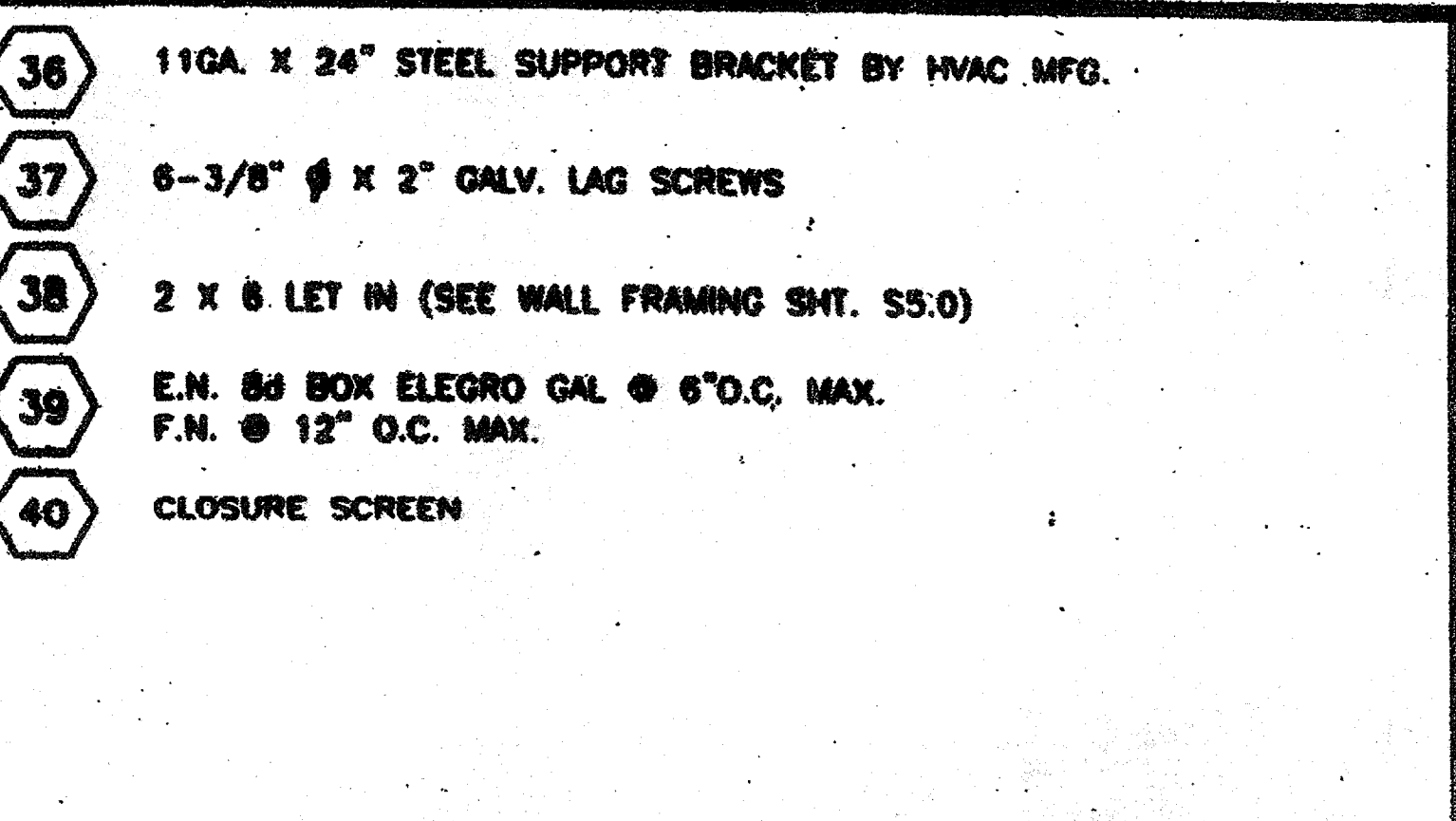
SCALE: 1-1/2"=1'
SILL PLATE 12



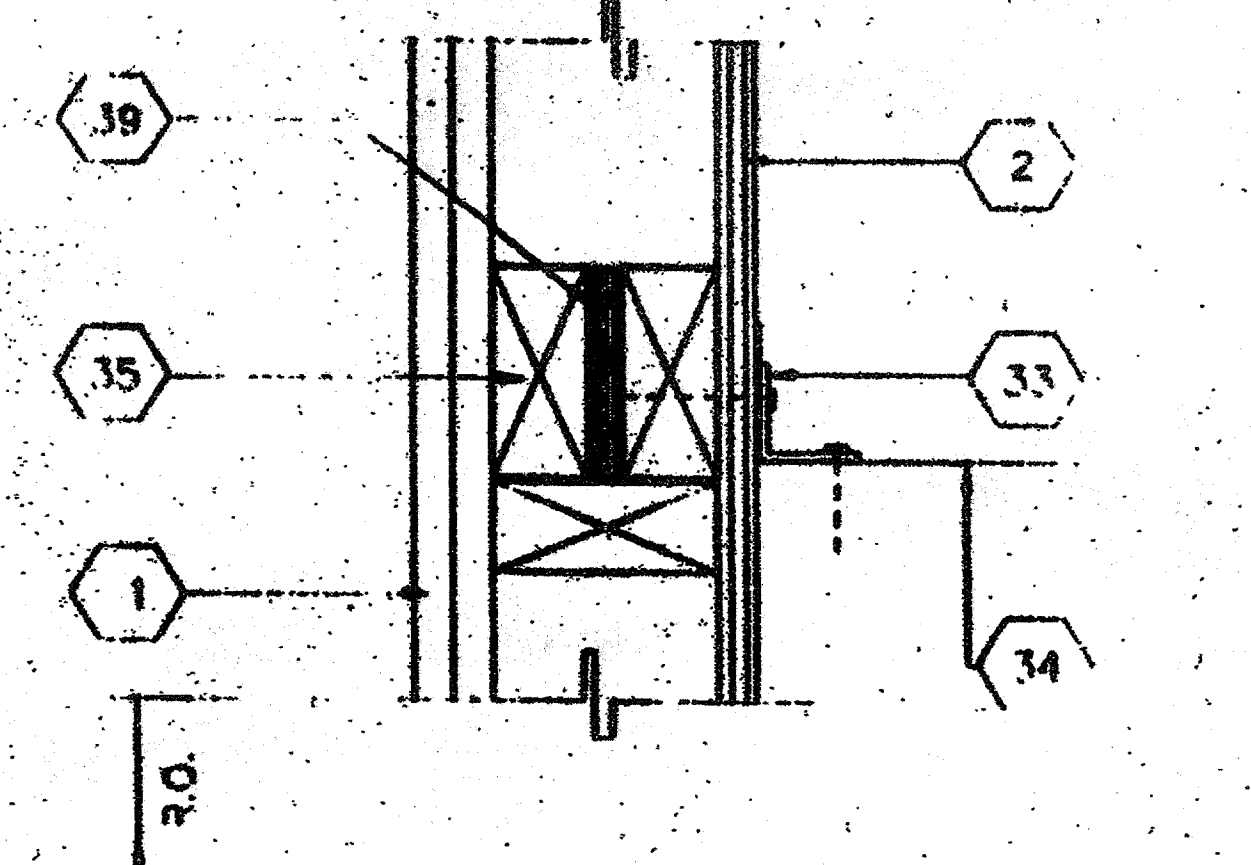
SCALE: 3"=1'
DOOR JAMB 8



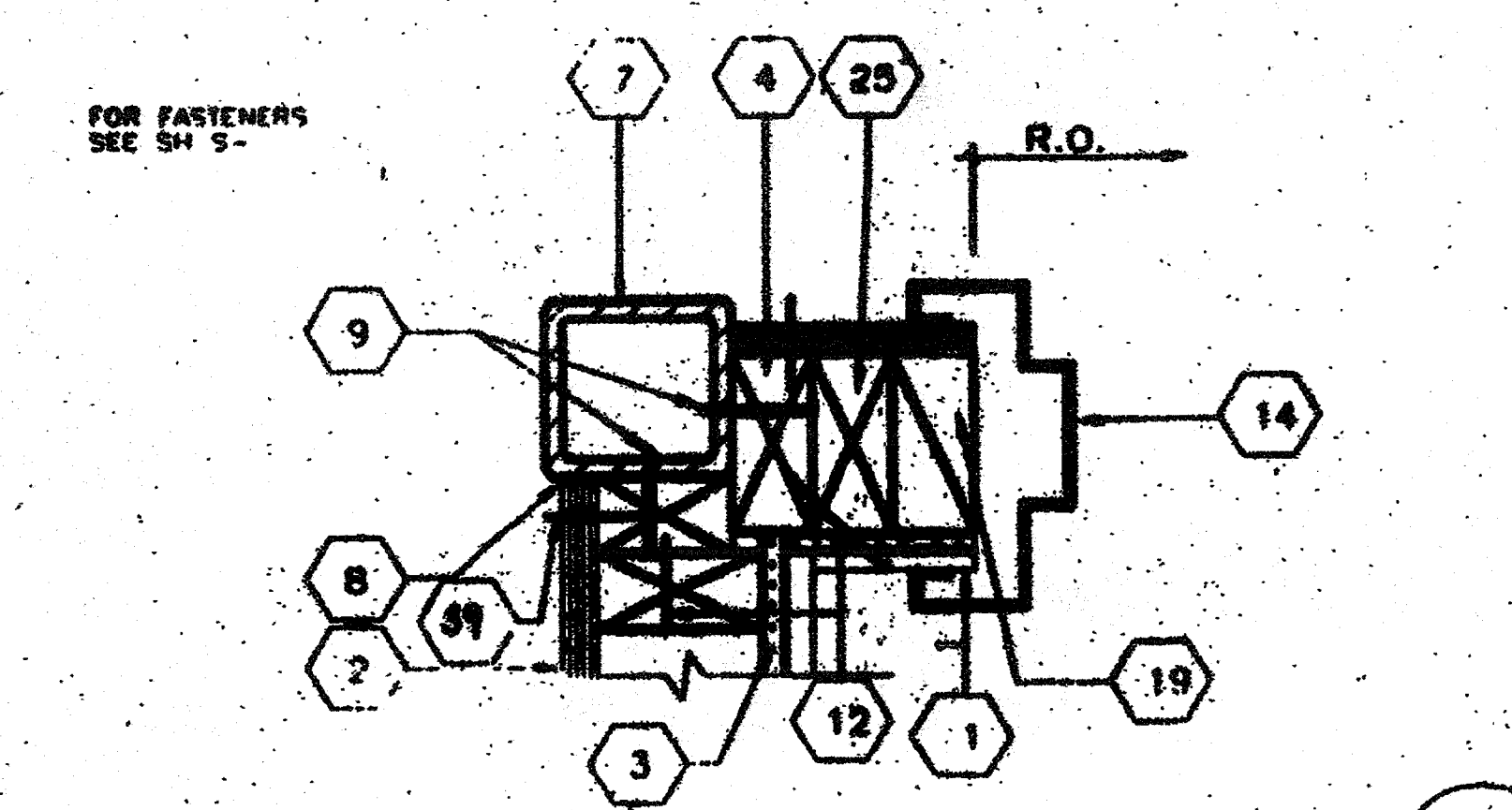
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CORNER COLUMN 4



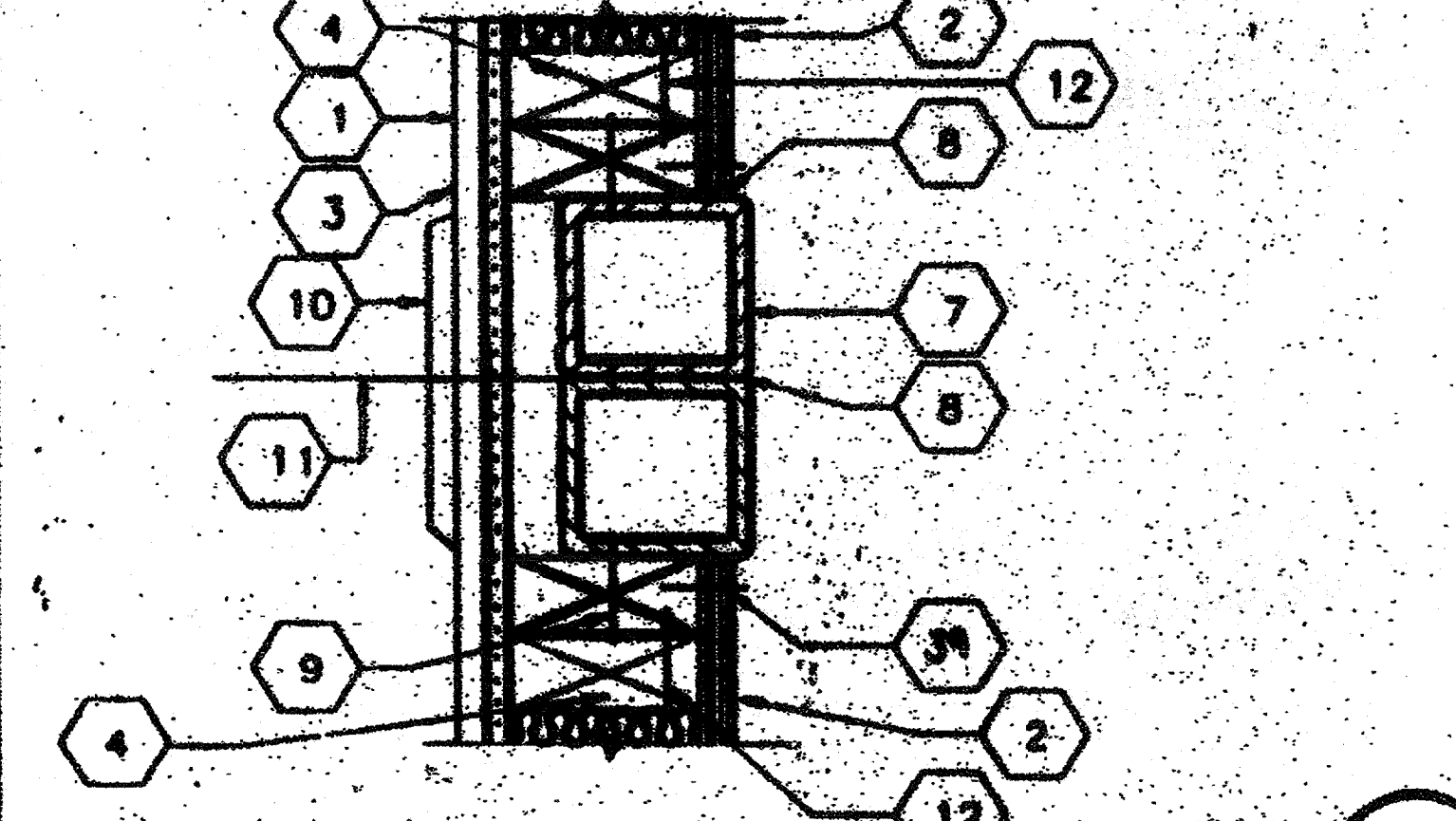
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THRESHOLD 1



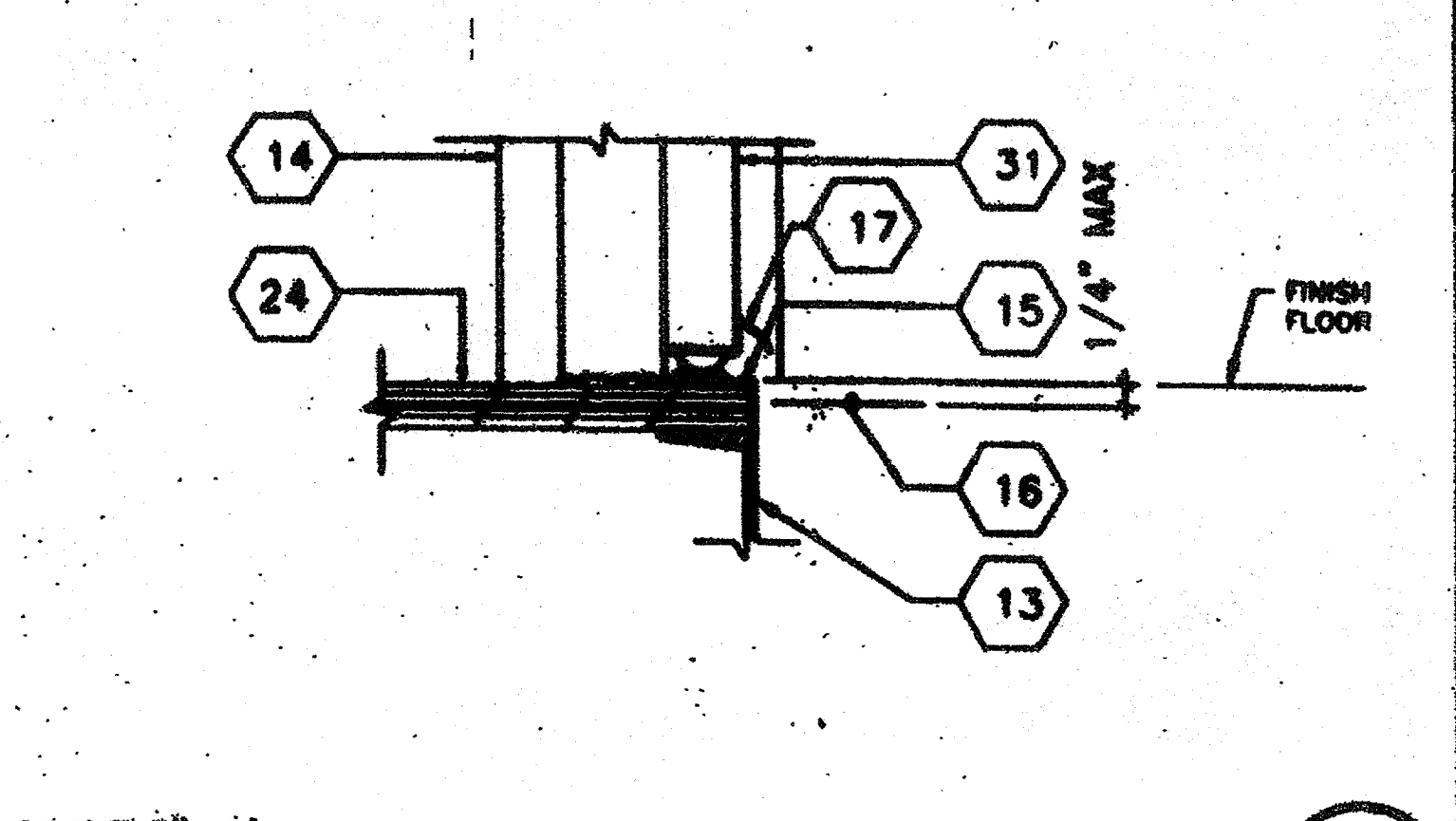
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UNI. ATTACHMENT 13



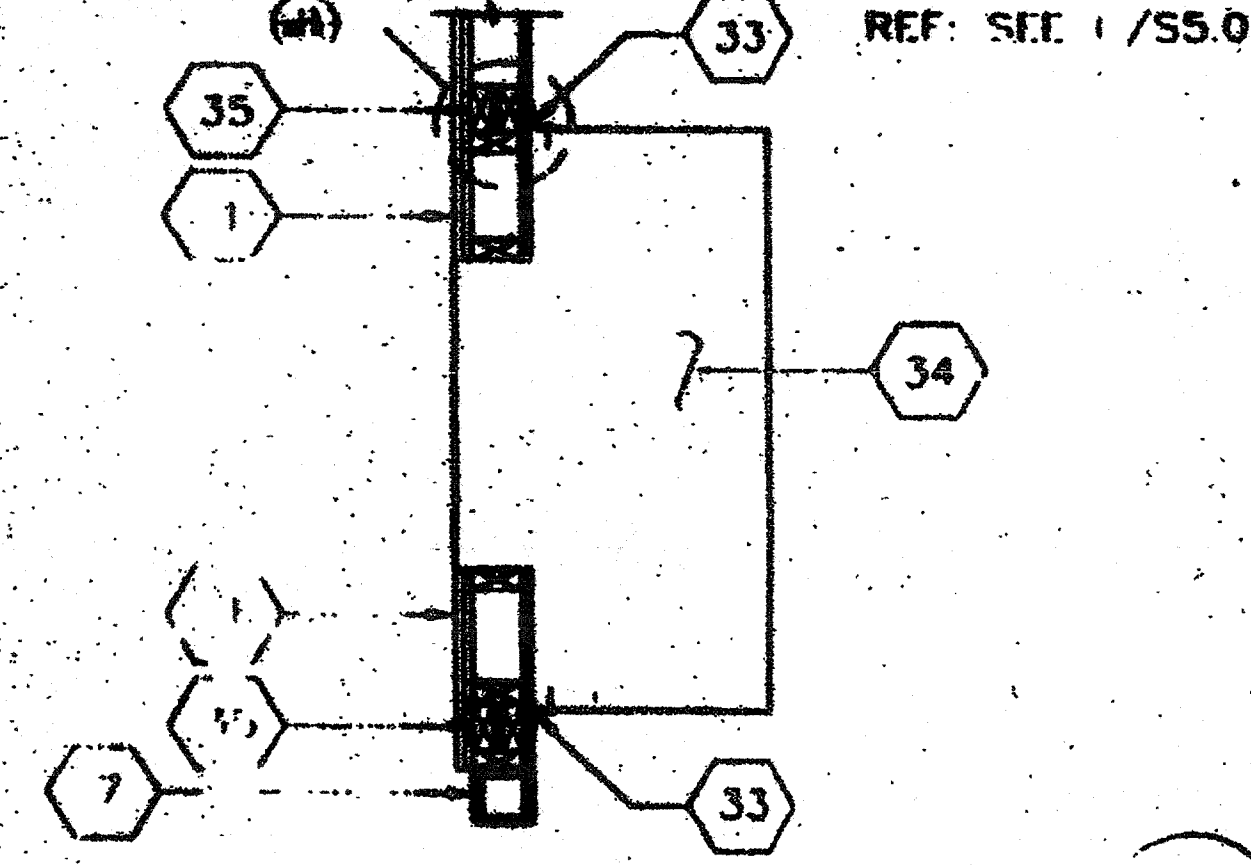
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DOOR JAMB 9



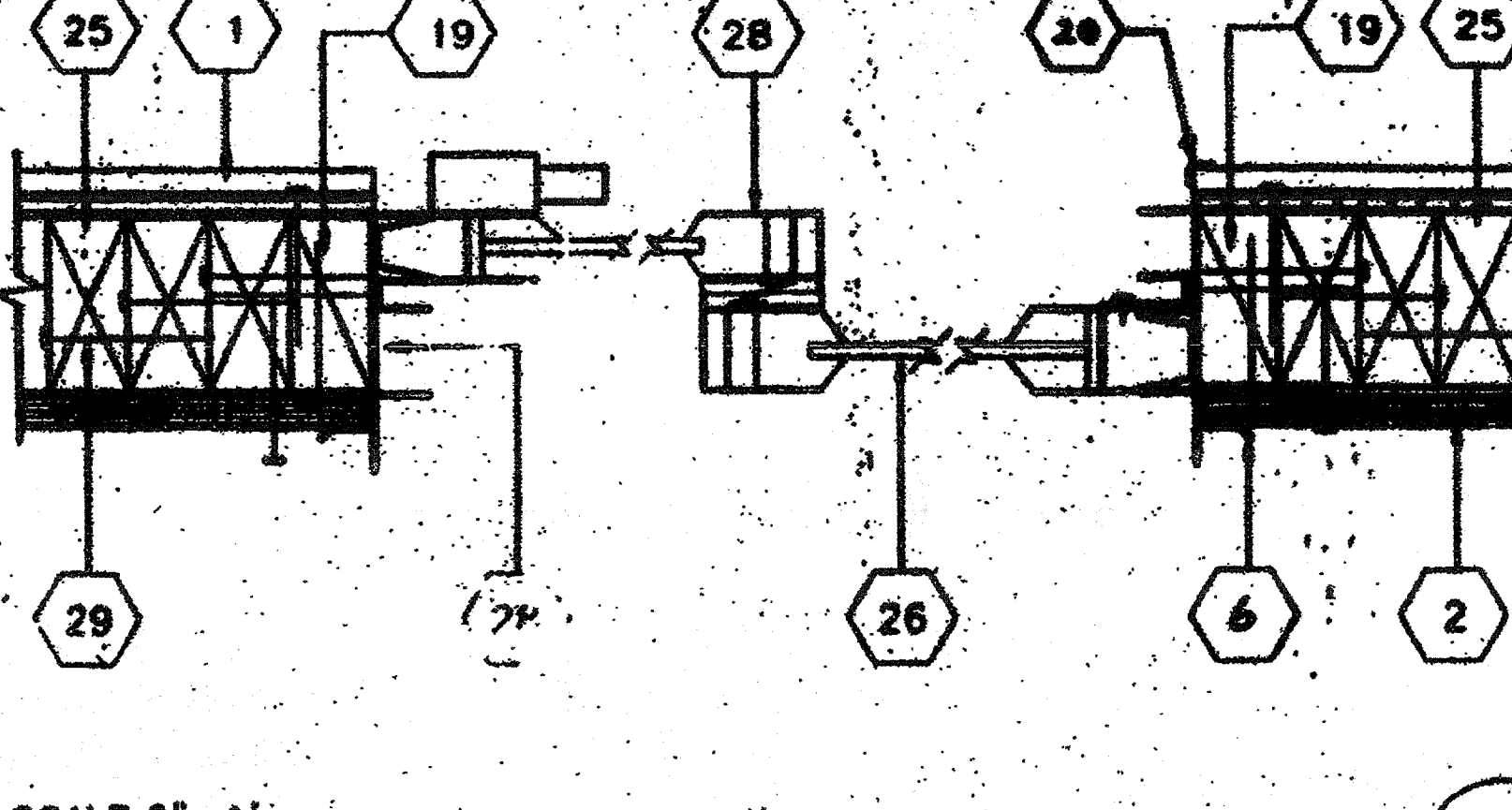
SCALE: 3"=1'
COLUMN @ MODLINE 5



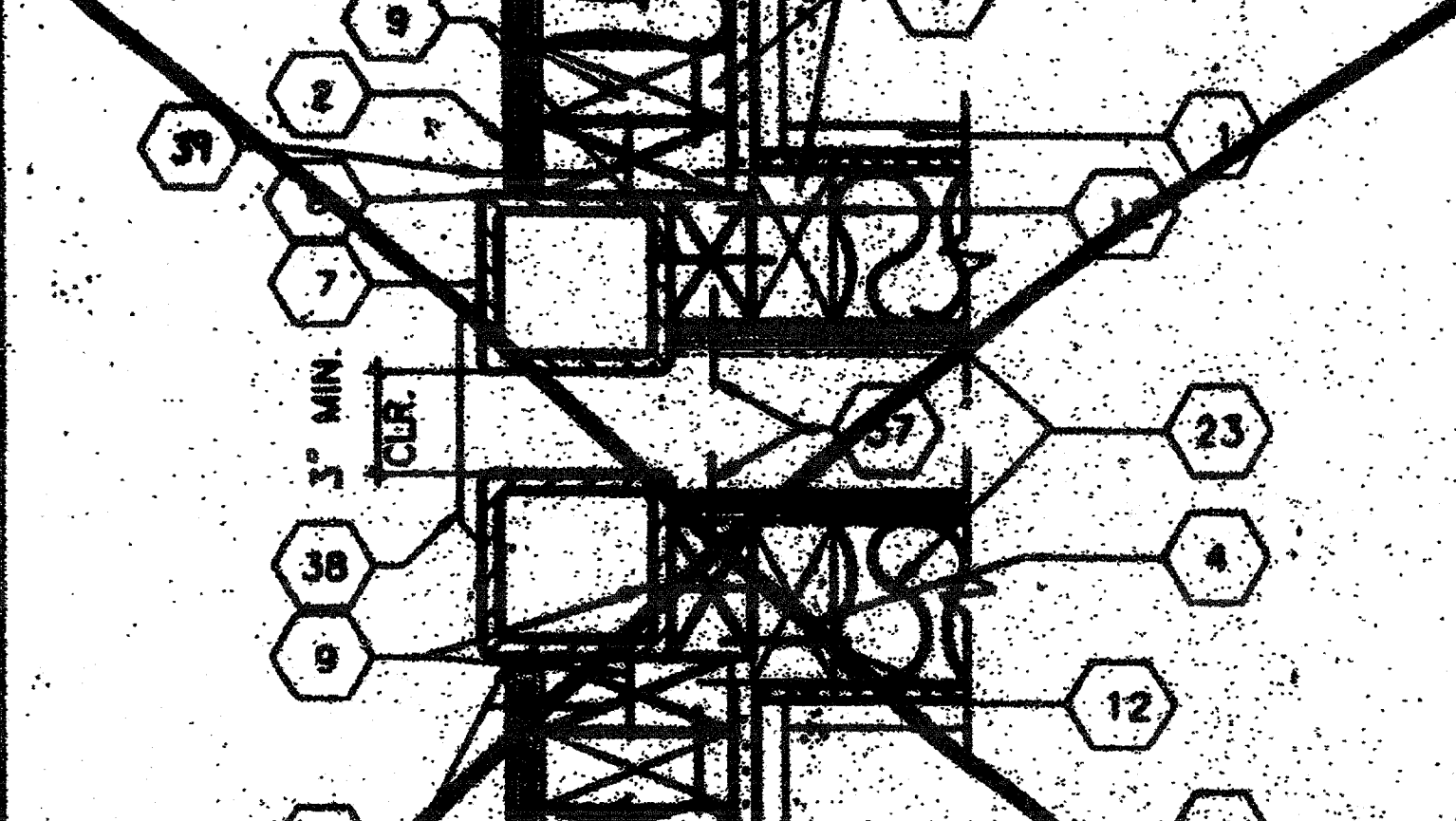
SCALE: 3"=1'
CLOSURE BETWEEN BLDG'S (OPTIONAL) 6



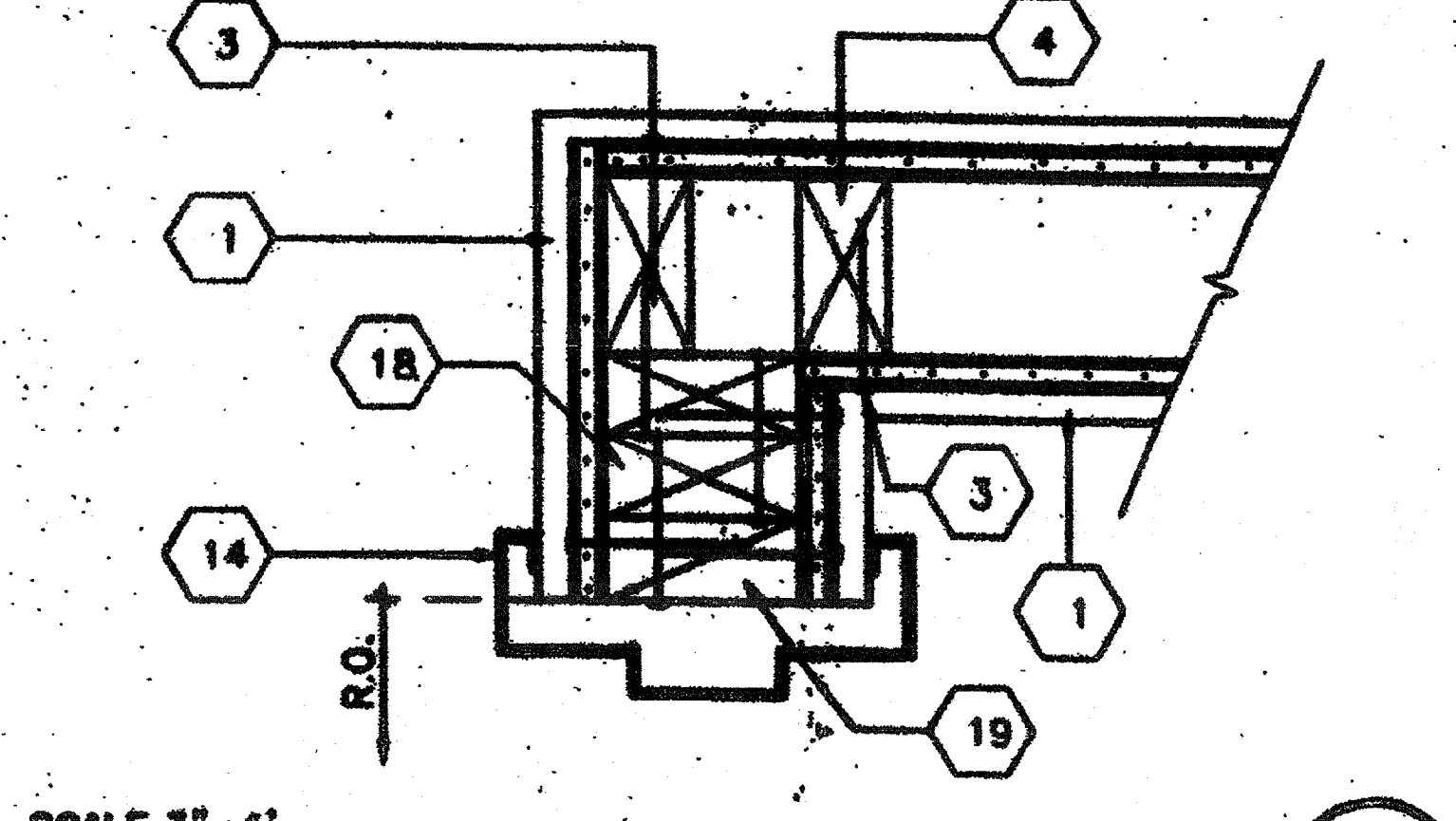
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A.C. UNIT 14



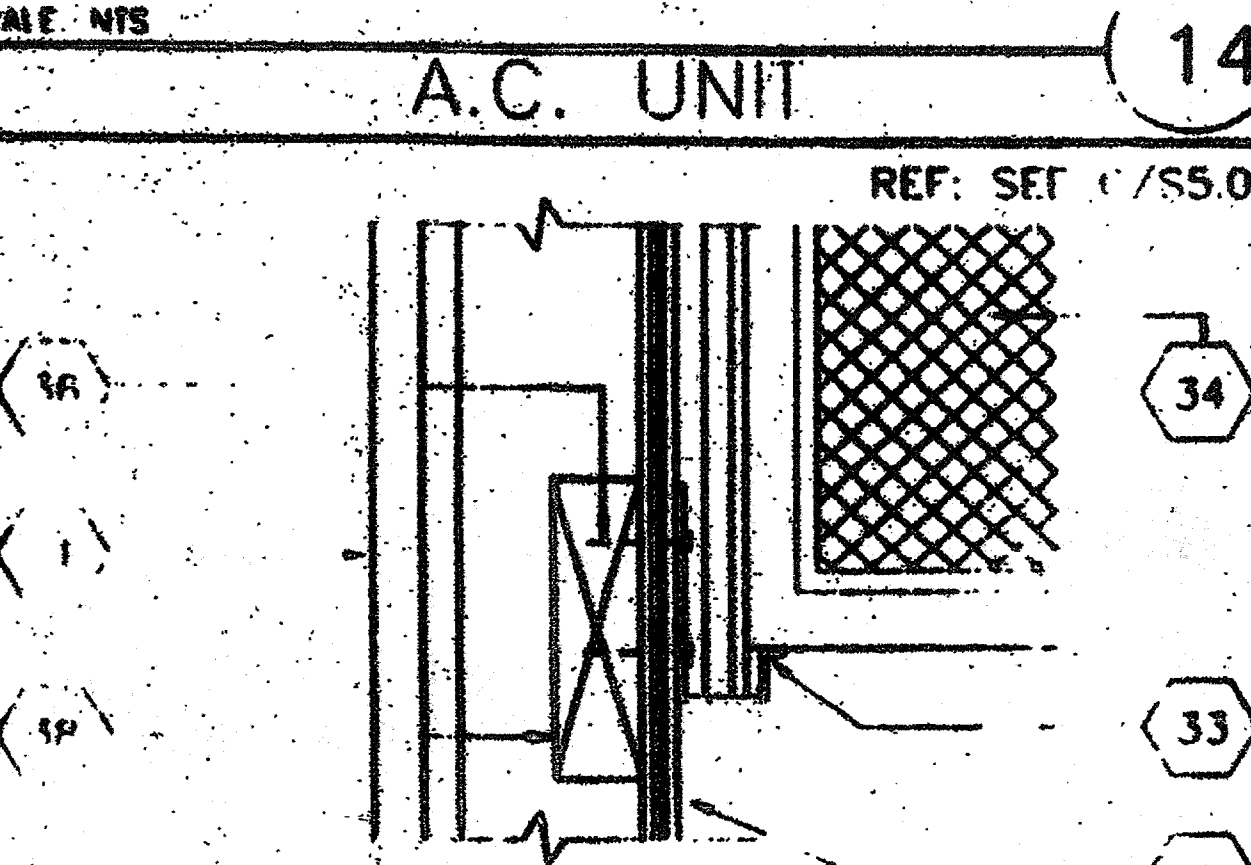
SCALE: 3"=1'
WINDOWS SECTION @ JAMBS 10



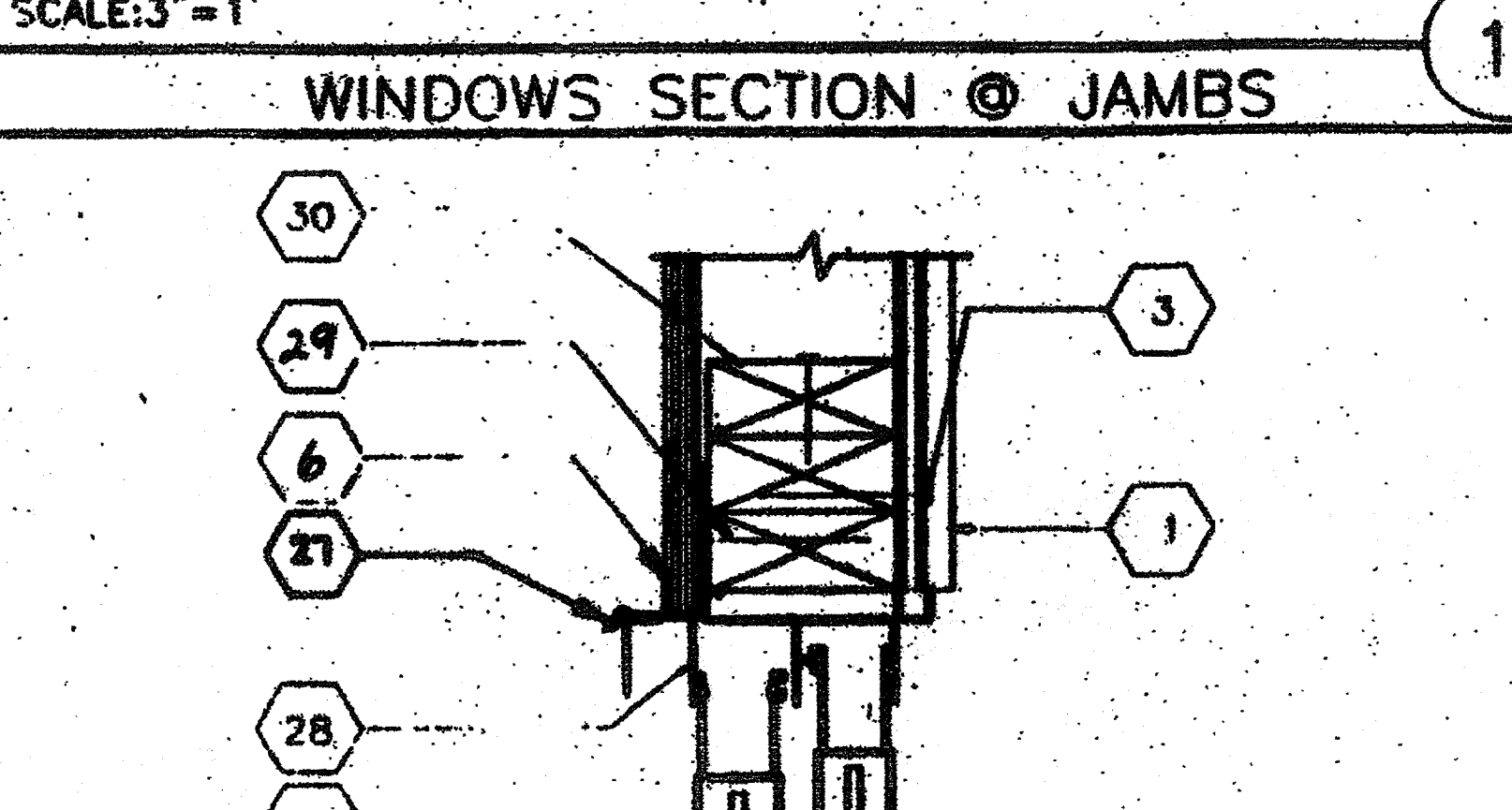
SCALE: 3"=1'
DOOR HEADER 7



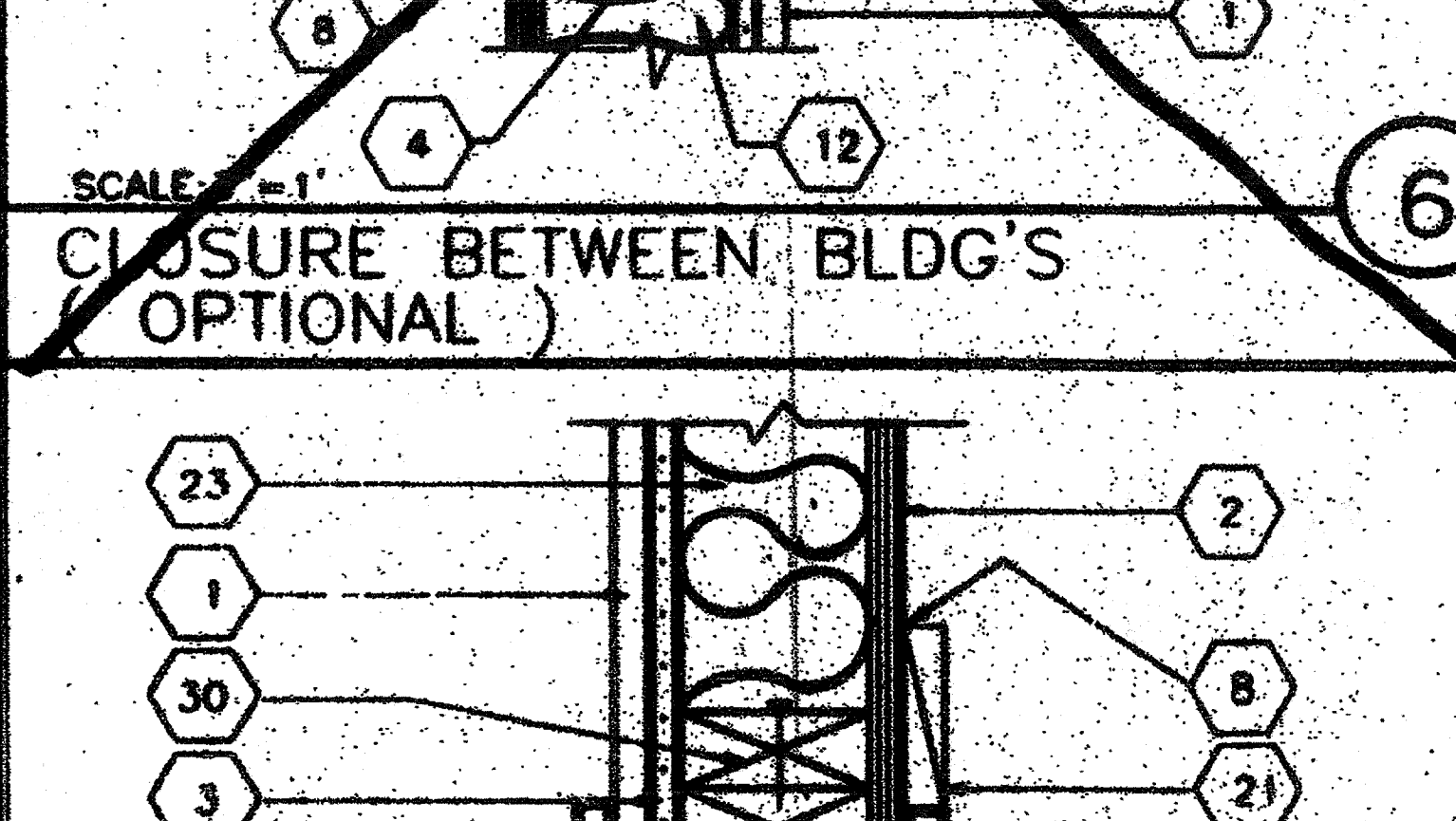
SCALE: 3"=1'
INTERIOR DOOR JAMBS 2



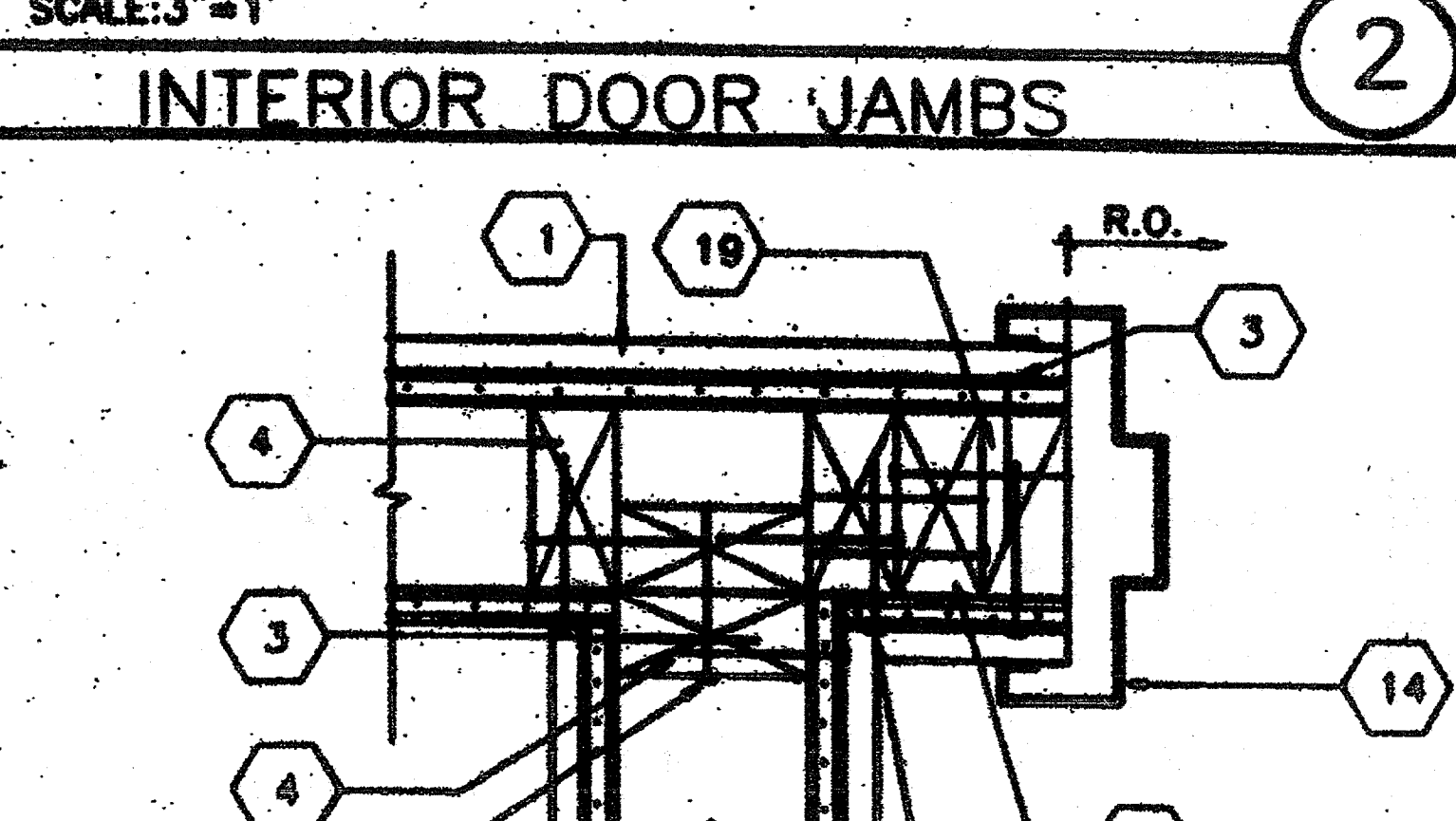
SCALE: 3"=1'
A.C. UNIT - BOTTOM 15



SCALE: 1-1/2"=1'
WINDOW HEADER 11



SCALE: 3"=1'
DOOR JAMB 8



SCALE: 3"=1'
INTERIOR DOOR JAMBS 3

- 36 11GA. X 24" STEEL SUPPORT BRACKET BY HVAC MFG.
- 37 6-3/8" Ø X 2" GALV. LAG SCREWS
- 38 2 X 6 LET IN (SEE WALL FRAMING SHT. SS.0)
- 39 E.N. 8d BOX ELEGRO GAL. Ø 6"D.C. MAX. F.N. Ø 12" O.C. MAX.
- 40 CLOSURE SCREEN

NOTES
1. EN 8d ELECTRO GALV. Ø 6" O.C.
2. FN 8d ELECTRO GALV. Ø 12" O.C.

- KEY NOTES**
- 1 TYP. INTERIOR FINISH (SEE FINISH SCHED.)
 - 2 TYP. EXTERIOR FINISH
 - 3 1/2" GYPSUM BOARD BACKING W/ 7d COOLER NAILS Ø MAX 7" O.C. TYP. Ø EA. STUD
 - 4 2X4 STUD TYP. Ø 16" O.C. MAX.
 - 5 16d Ø 16" O.C. MAX.
 - 6 J FLASHING
 - 7 TUBE STEEL COLUMN (SEE STRUCTURAL)
 - 8 SEALANT TYP. (SEE SPECS.)
 - 9 #10 S.T.S.M.S. Ø MAX. 24" O.C. (ALT. M.L.T. 0.145 SHOT PIN) 2X FILLER TO COLUMN
 - 10 VINYL CLOSURE
 - 11 MODULE JOINT
 - 12 16d Ø 24" O.C. FACE NAIL OR 16d Ø 12" O.C. TOE NAIL (SEE SHT. SS.2 NOTE 12)
 - 13 FLOOR BEAM (SEE STRUCTURAL)
 - 14 PRESSED STEEL FRAME (K.D. TYPE SEE A5.0)
 - 15 ALUMINUM THRESHOLD (SEE HARDWARE SCHEDULE)
 - 16 FINISH LANDING SEE FLOOR PLAN & FOUNDATION FOR TYPE AND FINISH
 - 17 DOOR BOTTOM (SEE HARDWARE SCHEDULE)
 - 18 (2) 2X4 KING STUD (SEE SHT. SS.1 TABLE 250 FOR NAILING)
 - 19 2X4 TRIMMER (SEE SHT. SS.1 TABLE 250 FOR NAILING)
 - 20 CORNER MOLDING
 - 21 1X4 WOOD TRIM W/ 8d ELECTRO GALV. Ø 12" O.C.
 - 22 2-2X4 SILL PLATE W/ 16d Ø 16" O.C.
 - 23 INSULATION (SEE SPECS. FOR SIZE AND TYPE)
 - 24 FINISH FLOORING (SEE FINISH SCHEDULE SHT. A5.0)
 - 25 2X4 JAMB STUDS (SEE SHT. SS.1 DETAILS FOR NUMBER OF STUDS REQUIRED AND TABLE 250 FOR NAILING)
 - 26 WINDOW GLAZING (SEE WINDOW SCHEDULE SHEET A5.0)
 - 27 DRIP FLASHING
 - 28 ALUMINUM WINDOW FRAME WITH NAIL-ON FINISH. INSTALL W/MIN. 3" BLDG. PAPER BTWN. FIN. AND FRAMING. INSTALL WITH 8d Ø MAX 24" O.C.
 - 29 16d BOX STAGGERED Ø MAX 24" O.C.
 - 30 HEADER (SEE SHT. SS.1 WALL FRAMING DETAILS)
 - 31 DOOR (SEE DOOR SCHED.)
 - 32 SEE SHEET SS.1 FOR TYPICAL WALL FRAMING NAILING
 - 33 L 1 1/2"x1 1/2"x1/8"x18" LONG ATTACHED TO A/C w/4-Ø10 SELF TAPP SHEET METAL SCREWS & ATTACH TO WALL
 - 34 HVAC UNIT (SEE MECHANICAL SHEETS)
 - 35 (3) 2X4 W/ PLYWOOD SPACER- BUILT- UP POST 4X4 ALT. POST

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT

MODTECH INC.
2830 BARRETT AVE.
PERRIS, CA 92572
PH. (909) 943-4014
FX. (909) 940-0427

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FRANKLIN ELEM. SCHOOL

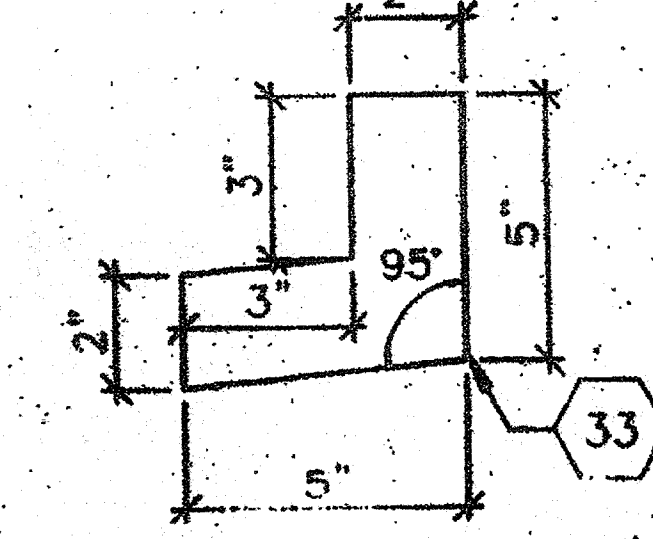
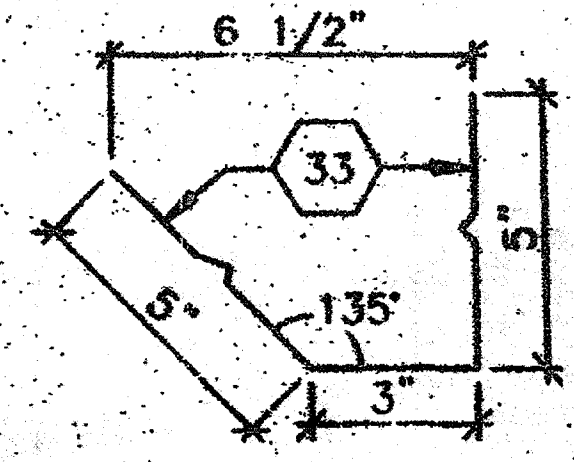
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DATE APR 17 2008

DRAWN BY RS
DATE 8-18-96
CHECKED BY
DATE

ARCHITECTURAL DETAILS
A6.0

"AS BUILTS"

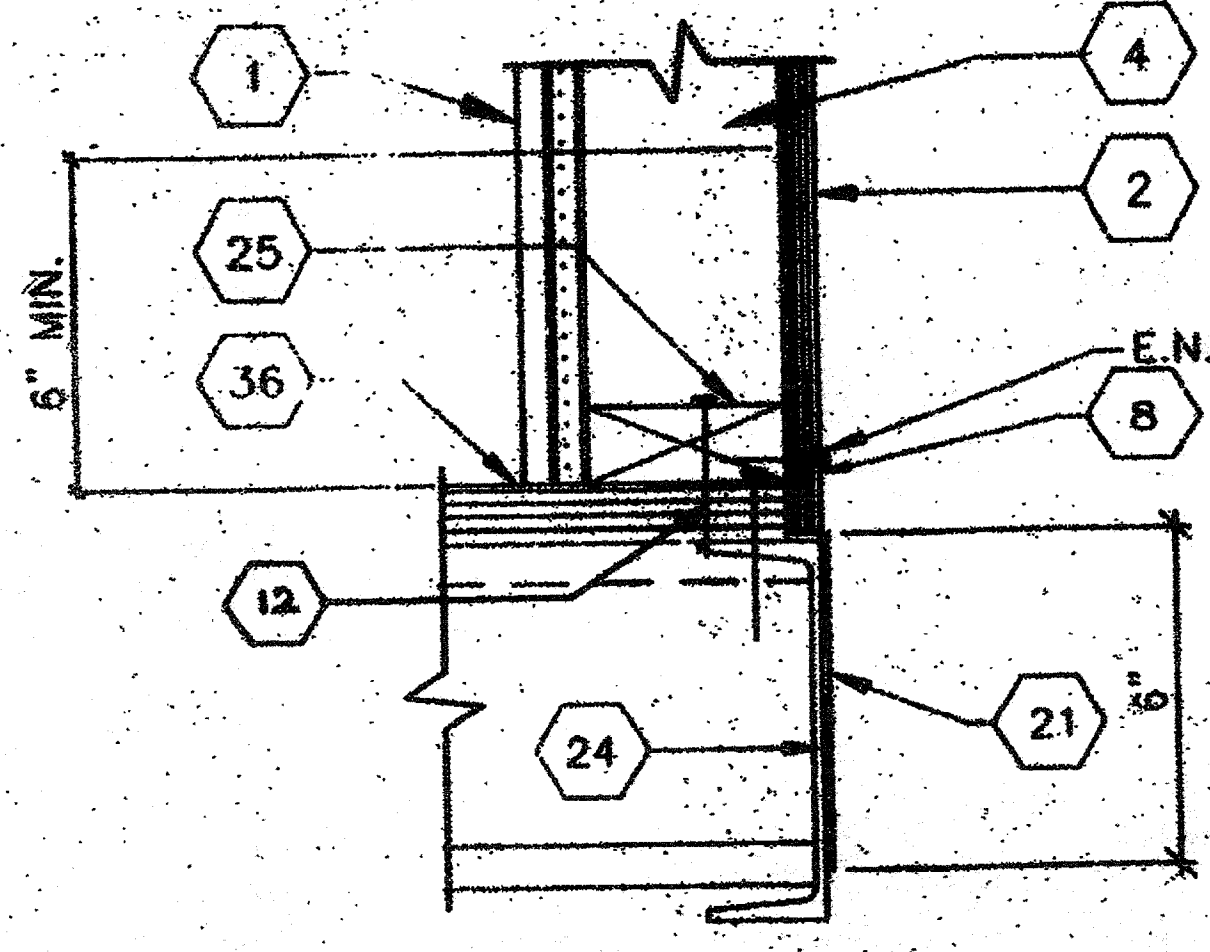
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AC/ FLS MASS OK
DATE JUL 18 2016



SCALE: 3"=1'

SCALE: 3"=1'

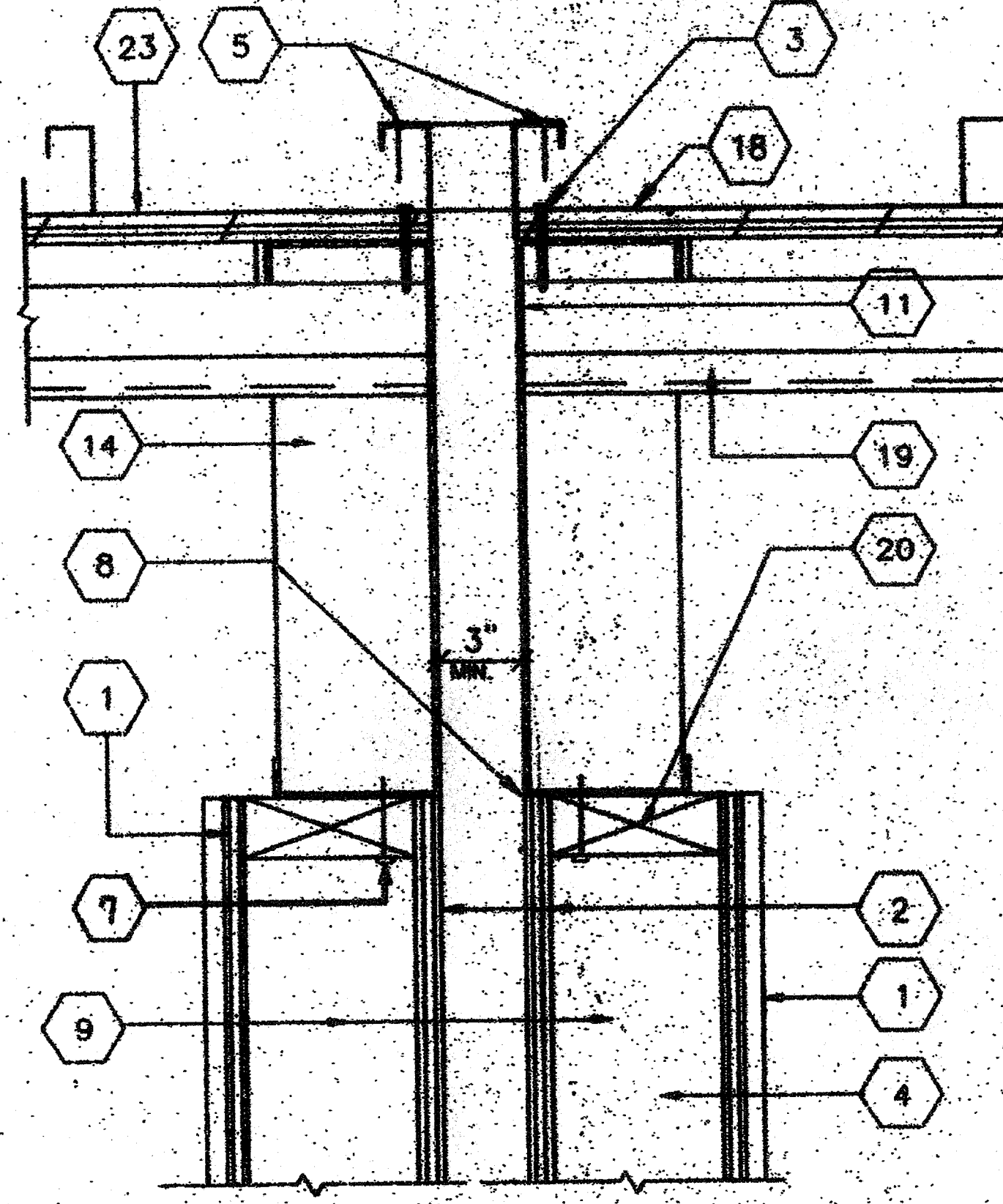
CONTINUOUS GUTTER @ BEND



SCALE: 3"=1'

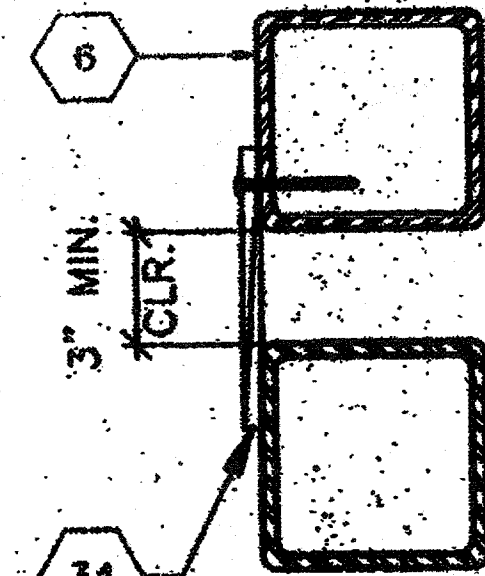
TYPICAL SILL @ FLOOR

NOTE: FLASHING AS SHOWN SUPPLIED BY MODTECH. SEE NOTE #21 ANY OTHER FLASHING OR EXTENSION IS THE RESPONSIBILITY OF THE SITE CONTRACTOR OR SCHOOL DISTRICT



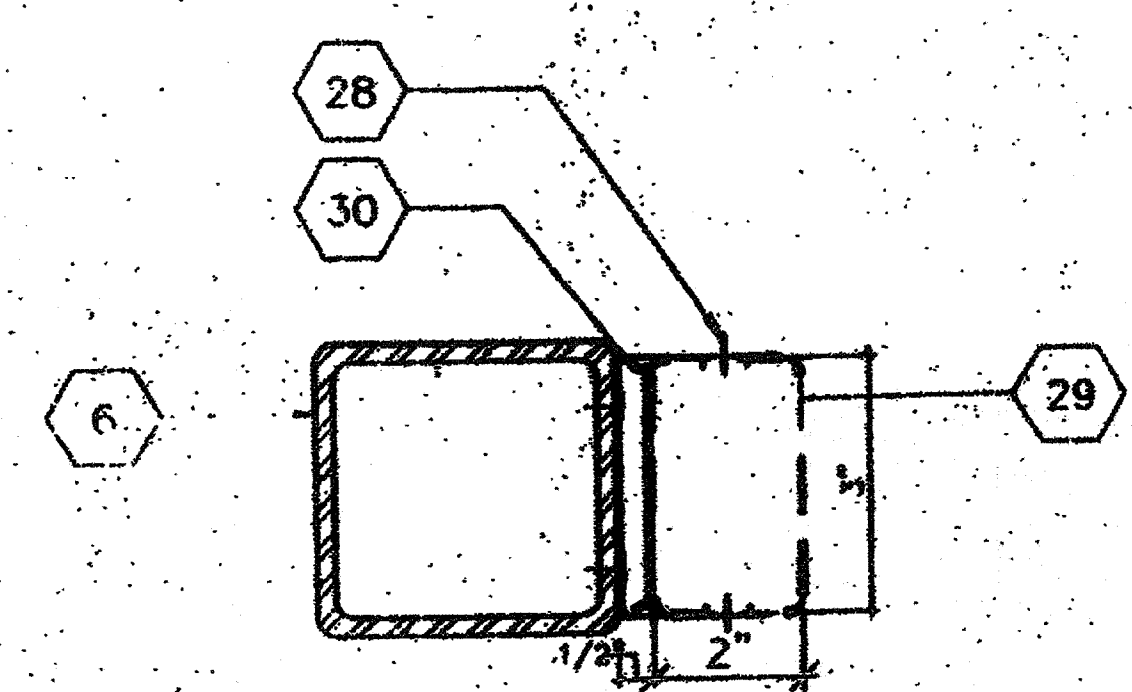
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OPTIONAL ROOF CAP @ SEP.



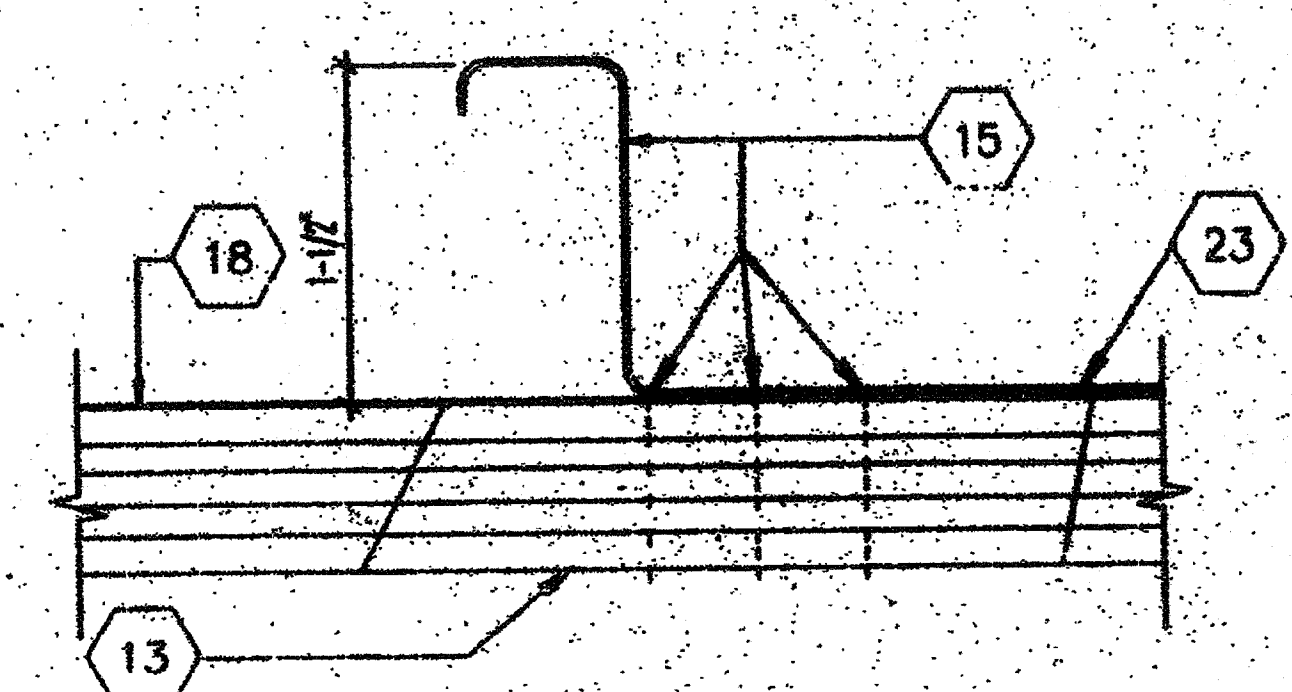
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OPTIONAL SEPARATION @ COLUMNS



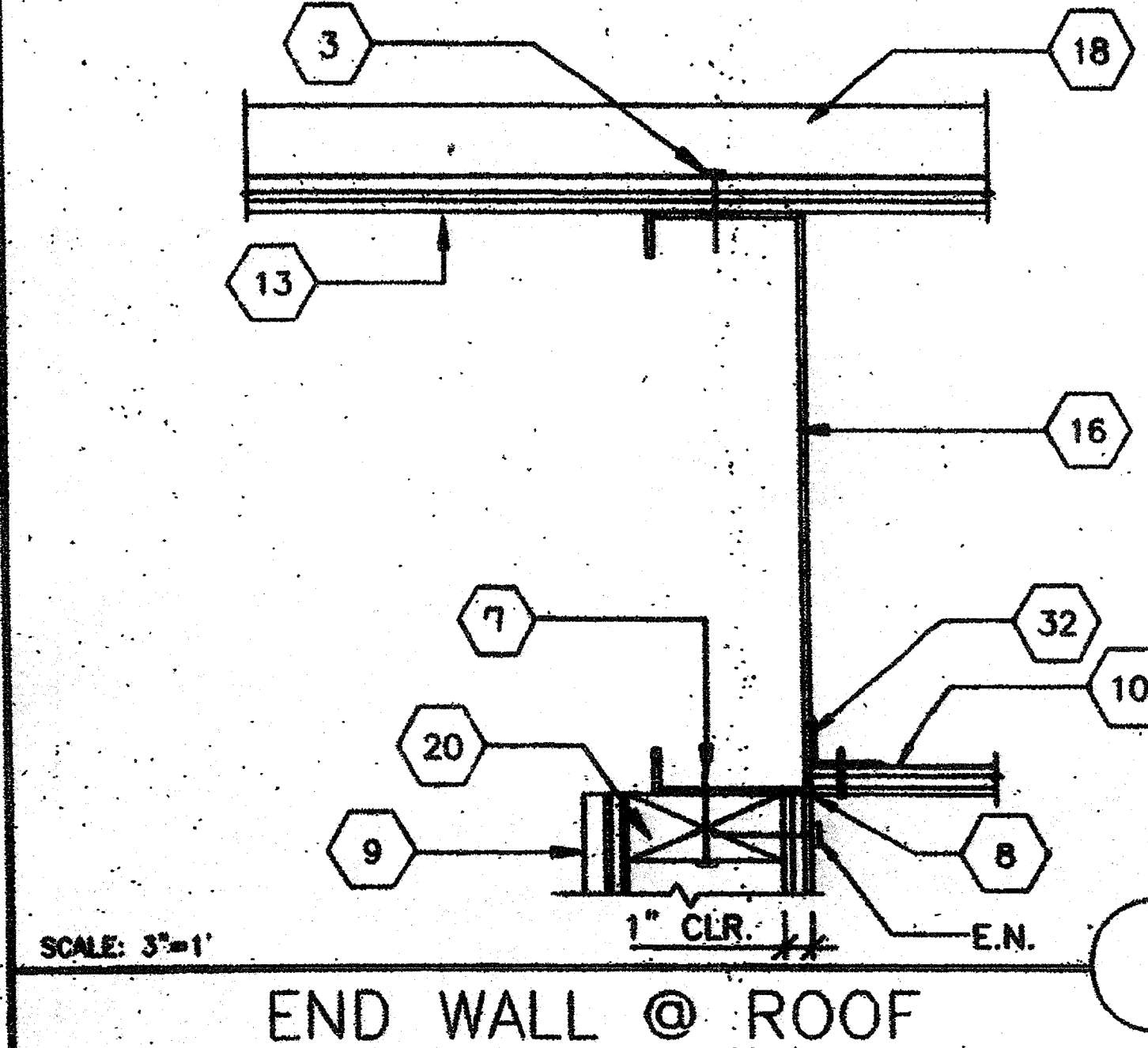
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DOWNSPOUT ATTACHMENT



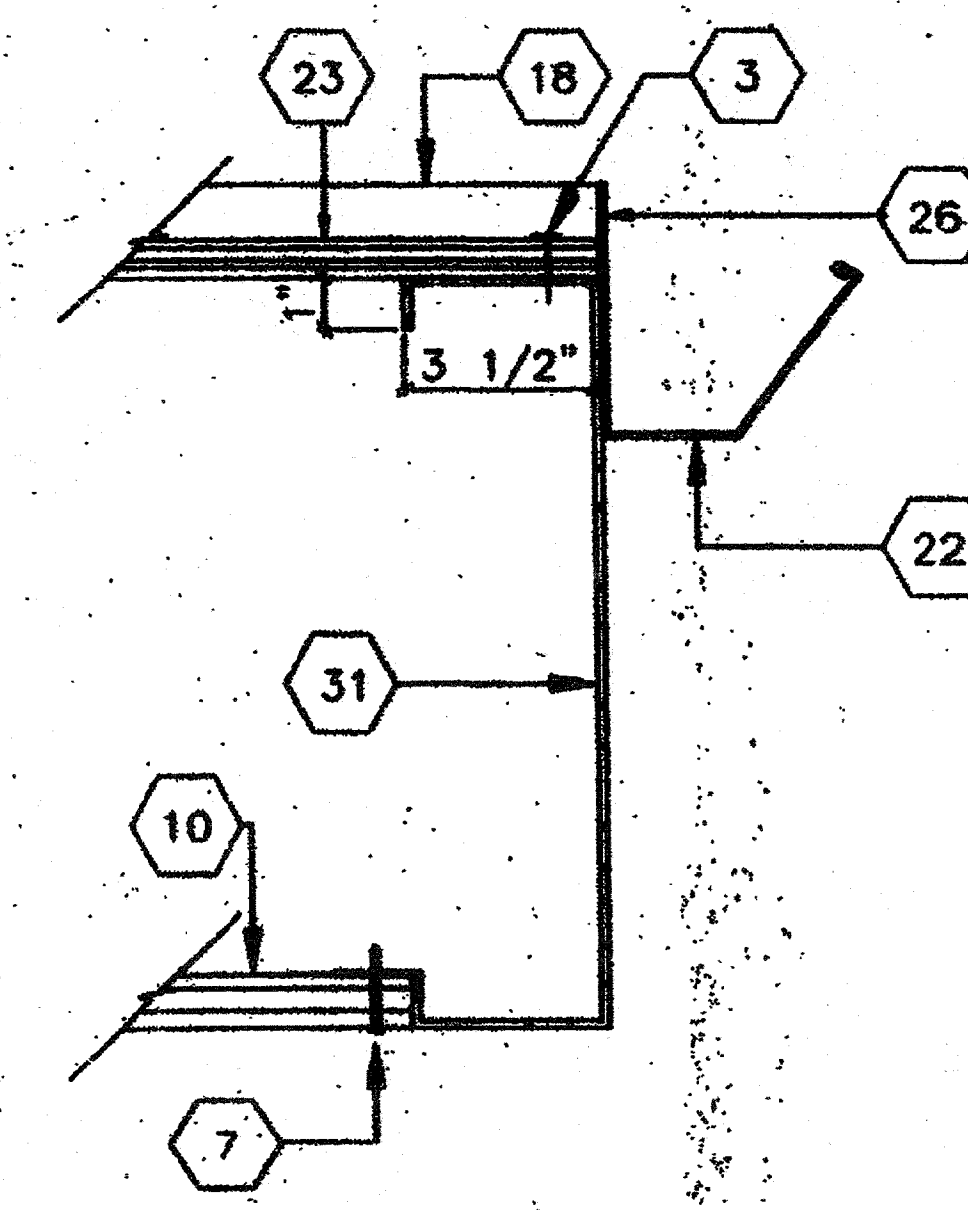
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ROOF CLIP



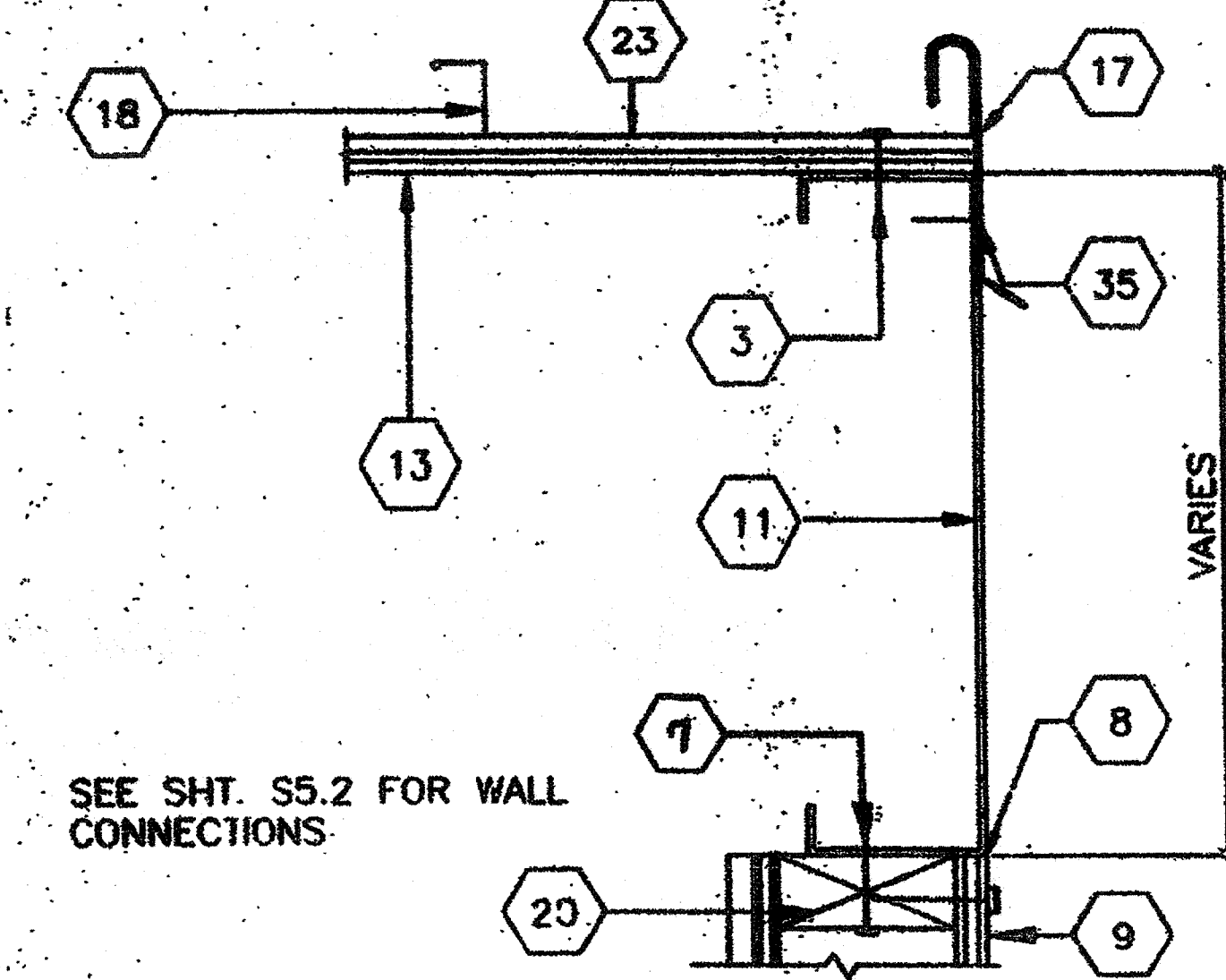
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END WALL @ ROOF



SCALE: 3"=1'

GUTTER @ ROOF FACIA BEAM



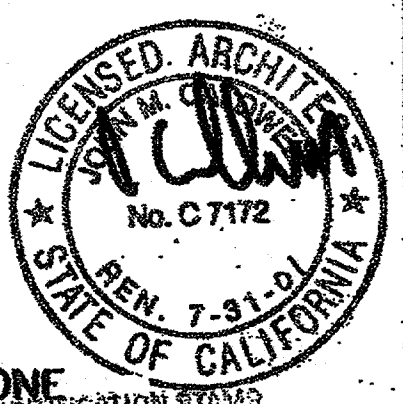
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ROOF FLASHING @ ROOF BEAM

KEY NOTES

- 1 TYP. INTERIOR FINISH
- 2 TYP. EXTERIOR FINISH
- 3 E.N. RF: PLYWOOD TO BEAM (SEE STRUCTURAL)
- 4 2X4 STUD TYP.
- 5 CAP CLOSURE @ RIDGE 30GA. GALV. W/#10 STMS @ 12" O.C. STAGGER W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE SET CAP IN SEALANT. SEE 2.0 FOR GA.
- 6 TUBE STEEL (SEE STRUCTURAL)
- 7 #10 S.T.S.M.S. @ 6" O.C. EN & 12" O.C. FN / ALT. USE AEROSMITH AKN 144.0175 DRIVE PIN.
- 8 SEALANT TYP. (SEE SPECIFICATIONS)
- 9 EXTERIOR WALL (SEE S5.2 FOR CONNECTIONS)
- 10 SOFFIT (SEE SPECIFICATIONS)
- 11 ROOF BEAM (SEE STRUCTURAL)
- 12 16d @ 8" O.C.
- 13 PLYWOOD ROOF SHEATHING (SEE STRUCTURAL)
- 14 FULL DEPTH STIFFENER PLATE (SEE STRUCTURAL FOR LOCATION)
- 15 ANCHOR CLIPS @ 24" O.C. & WITHIN 6" @ END OF ROOF DECKING. 3" OBOX 1/2" SCAW SHANK NAILS EA.
- 16 ROOF HEADER (SEE STRUCTURAL)
- 17 G.I. FLASHING SEE 2.0 FOR GA.
- 18 STANDING SEAM MT'L ROOF DECKING (SEE A2.0 FOR GA.)
- 19 ROOF PURLIN (SEE STRUCTURAL)
- 20 CONTINUOUS 2X4 TOP PLATE
- 21 GALV. FLASHING (ONLY AT CONCRETE SUB-TERRAIN FOUNDATION)
- 22 CONTINUOUS GUTTER
- 23 WEATHERPROOF MEMBRANE
- 24 FLOOR BEAM (SEE STRUCTURAL)
- 25 2X4 SILL PLATE ATTACHED PER 4/S5.2
- 26 SEALANT @ END OF SEAM
- 27 ATTACHMENT BRACKET (TYP. 3-PLACES, TOP, BTM., & MIDSPAN W/2-#10STMS BRACKET TO COLUMN)
- 28 POP RIVETS (29) TO (30) MIN. 1/8"
- 29 DOWNSPOUT 26 GA.
- 30 ATTACHMENT BRACKET W/2-#10 S.T.S.M.S. TO COLUMN (TYP. 3-PLACES TOP, BOTTOM & MIDSPAN)
- 31 ROOF FASCIA HEADER (SEE STRUCTURAL)
- 32 1/2"X1 1/2"X20GA.< TACK WELD IN PLANT
- 33 26GA. S.M.
- 34 1 X 6 RS-WOOD TRIM ATTACH TO COLUMN ONE SIDE ONLY W/#10 STMS @ 18" O.C.
- 35 #10 STMS @ MAX. 24" O.C.
- 36 PLYWOOD FLOOR SHEATHING

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ARCHITECT

ELECTRICAL

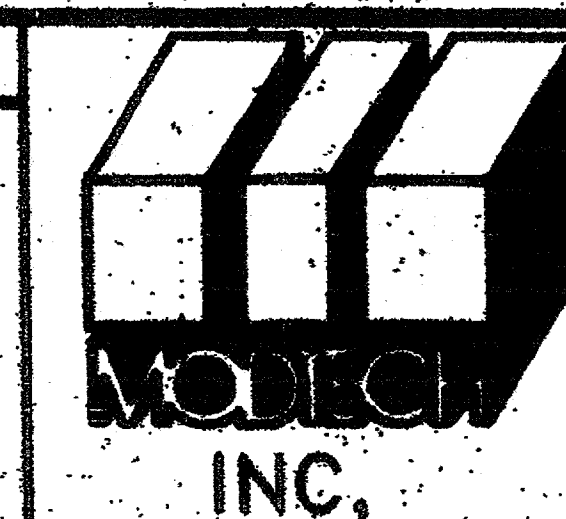
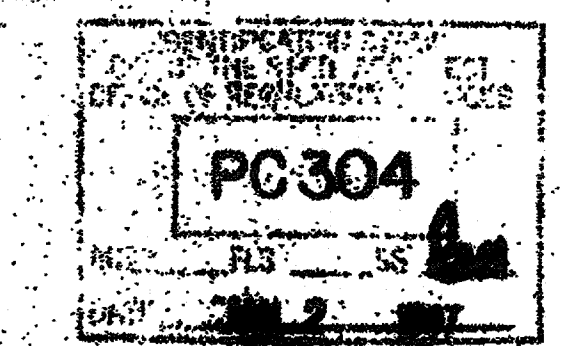
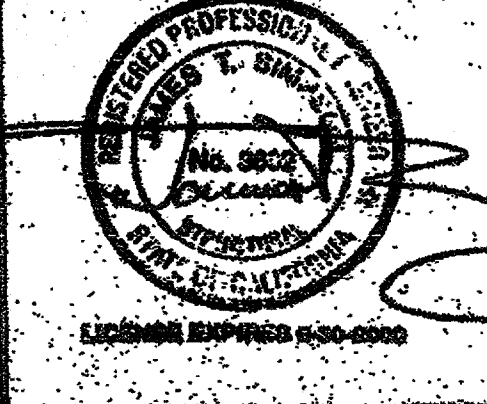
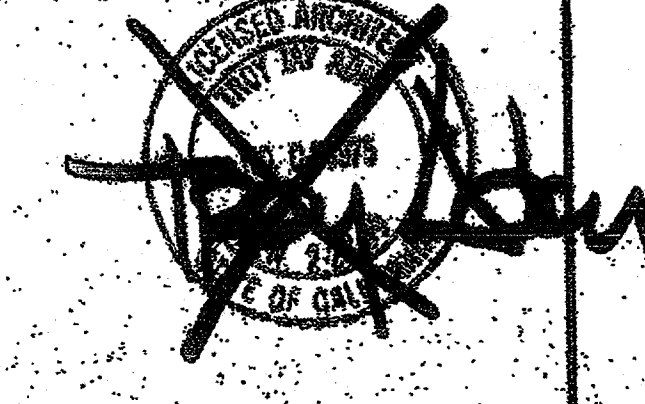
STRUCTURAL

MECHANICAL

FIRE MARSHAL

ACCESS COMPLIANCE

STRUCTURAL SAFETY



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GLENDALE USD
FRANKLIN ELEM. SCHOOL

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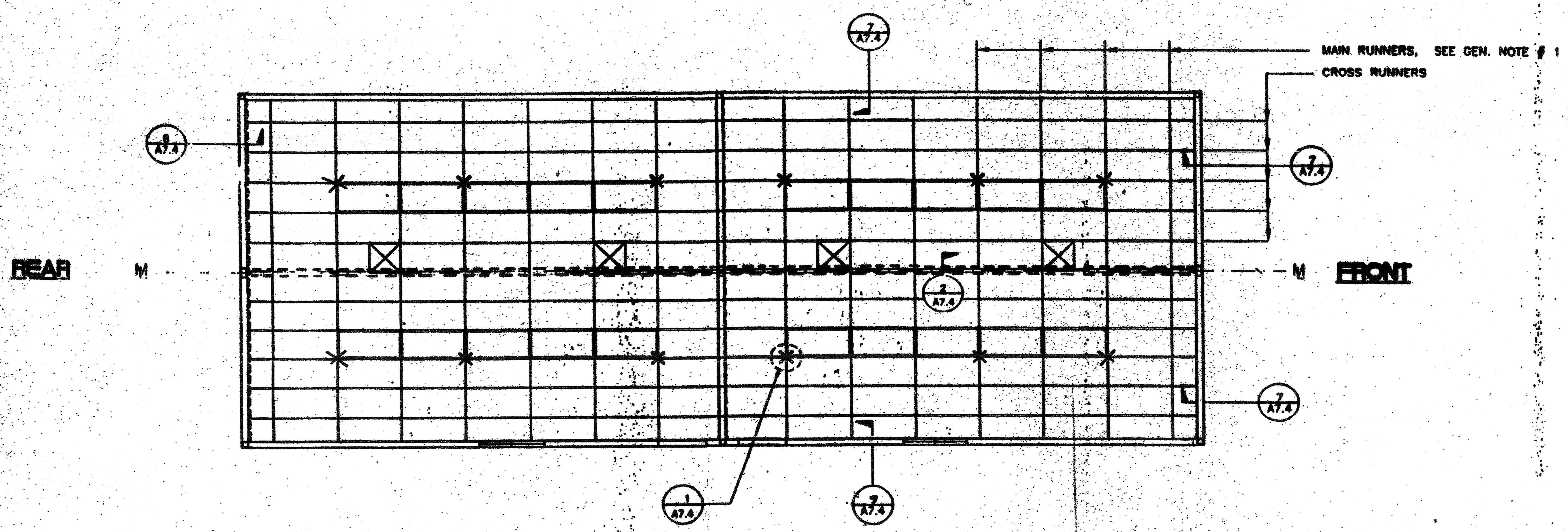
TYPICAL DETAILS

A6.1

"AS BUILTS"

NOTES

1. MAIN RUNNERS @ 4'-0" W/12GA. HANGER WIRES @ END OF EACH RUNNER.
2. AT THE END OF ROWS OF RUNNERS A 12GA. HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT.
3. VERTICAL WIRES MORE THAN 1'-0" OUT OF PLUMB SHALL HAVE COUNTERBRACING WIRES.
4. PROVIDE 2-12GA. BLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES AT DIAGONAL CORNERS. WIRES SHALL BE ATTACHED TO STRUCTURE OF LIGHT FIXTURES: 2 X 4 RECESSED. ATTACHED TO GRID W/1-#8 SHEET METAL SCREW AT EACH CORNER.
5. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT 2-ADJACENT WALLS. OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL.
6. CEILING AREAS SHALL HAVE 4-WAY SPLAYS PER DETAIL 1 ON SHEET A7.4 IN LOCATIONS INDICATED ON DRAWINGS. WIRES TAUT BUT NOT TO DISTORT GRID.
7. ARMSTRONG HEAVY DUTY PER PA-041
 - MAIN RUNNER #7301
 - 4' CROSS TEE #XL-7342
 - 2' CROSS TEE #XL-7328
 - WALL ANGLE #7800
 - STABILIZER BAR #7445-ST
8. DUCT WORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 8" TO HANGER WIRES.
9. REGISTERS SHALL BE POSITIVELY ATTACHED W/4-10GA. SHEET METAL SCREWS.
10. CEILING PANELS: 2 X 4 LAY-IN PANELS. ASTM FLAME SPREAD CLASS 1 (0-25). FLAME SPREAD SMOKE DEVELOPMENT DENSITY LESS THAN 450 (TYP.)



LEGEND

- T & T BAR CEILING
- 2'X4' ELEC. FIXTURE RECESSED
- SUPPLY AIR DIFFUSER
- SPLAY WIRE
- INDICATES FIXED SIDE (SEE DETAIL 7/A7.4)
- INDICATES FREE SIDE (SEE DETAIL 6/A7.4)

REFLECTED CEILING PLAN BLDG. TYPE 133
SCALE 1/4"=1'-0"

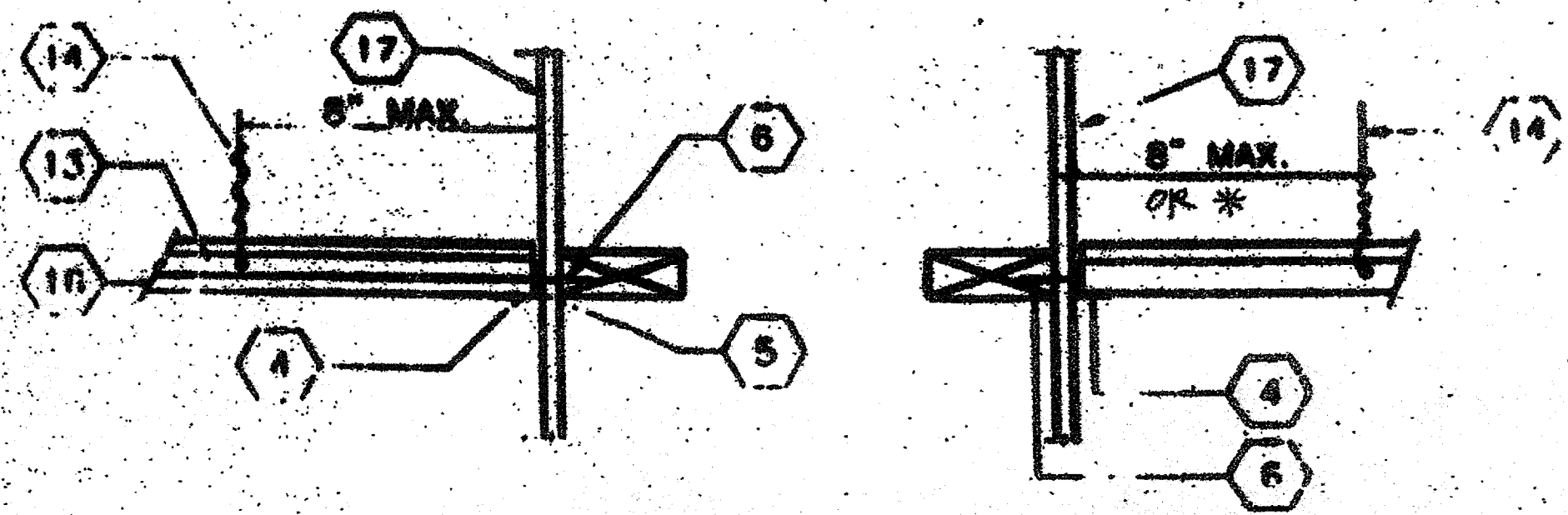
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AG. FLS. MBS. DJ.
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OFFICE OF REGISTERED ARCHITECTS
APPL 107287
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REGISTERED ARCHITECT
No. C7172
EXPIRES 7-31-2019
STATE OF CALIFORNIA

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									A7.2

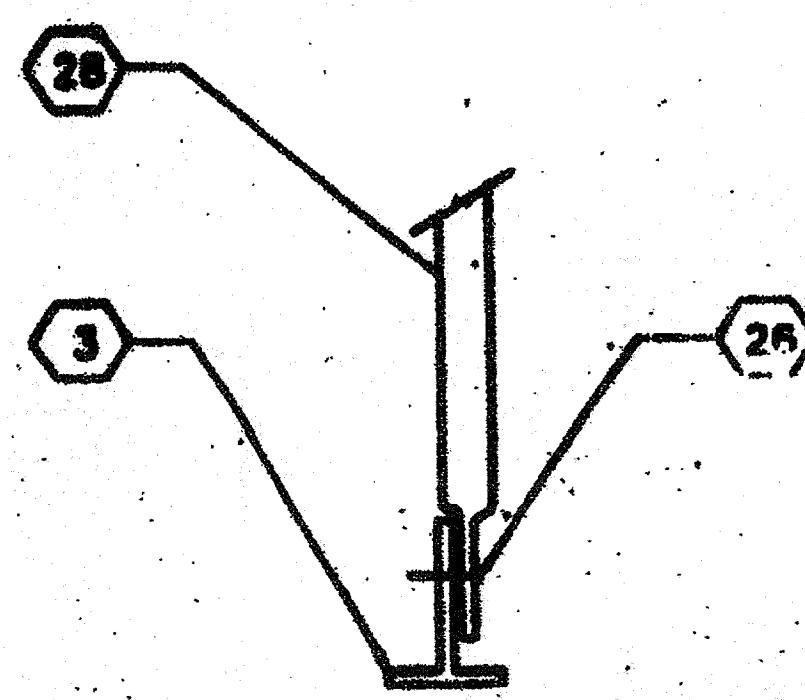
"AS BUILTS"



ALTERNATE

TYPICAL FIXED SIDE

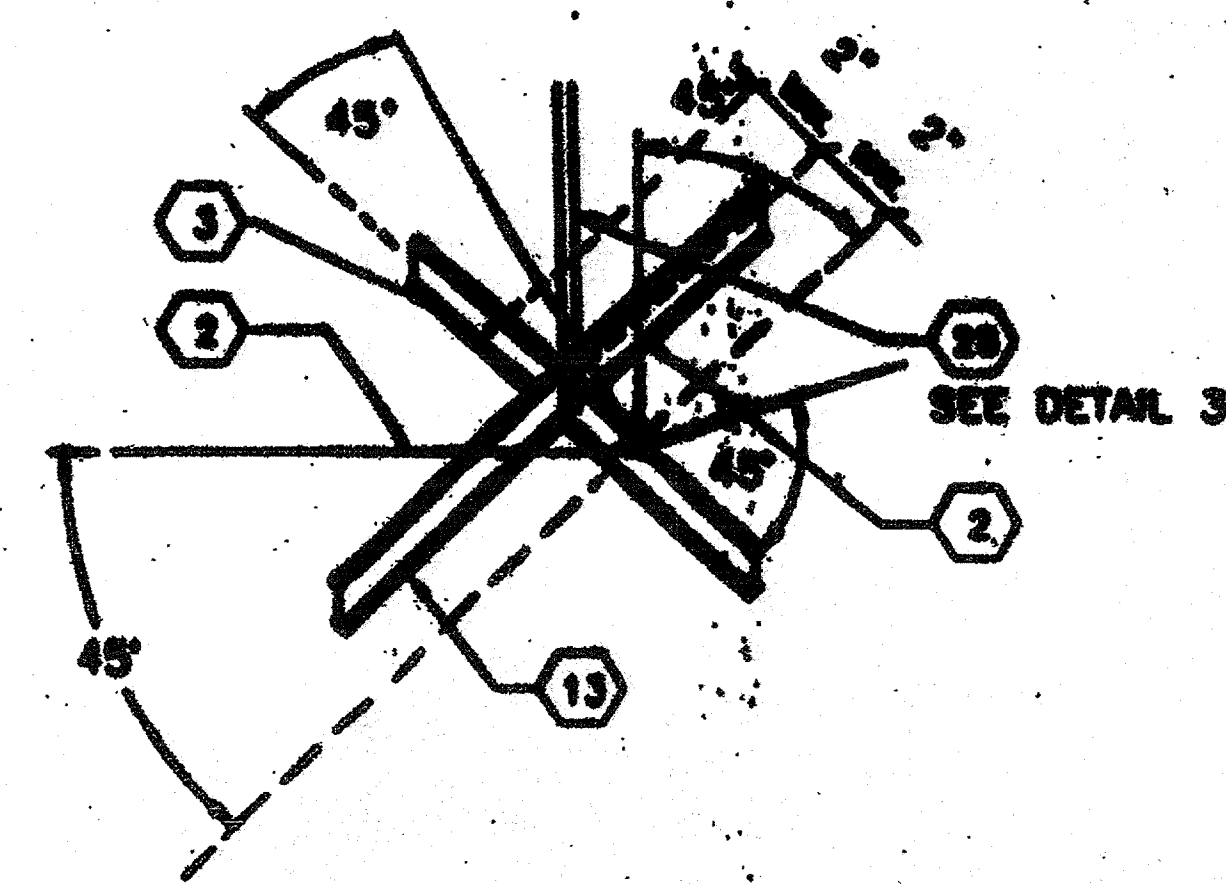
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NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR, DEPENDING UPON CONDITION & LOCATION 5'-1\"/>

ALT. CONN. @ BOTTOM

4

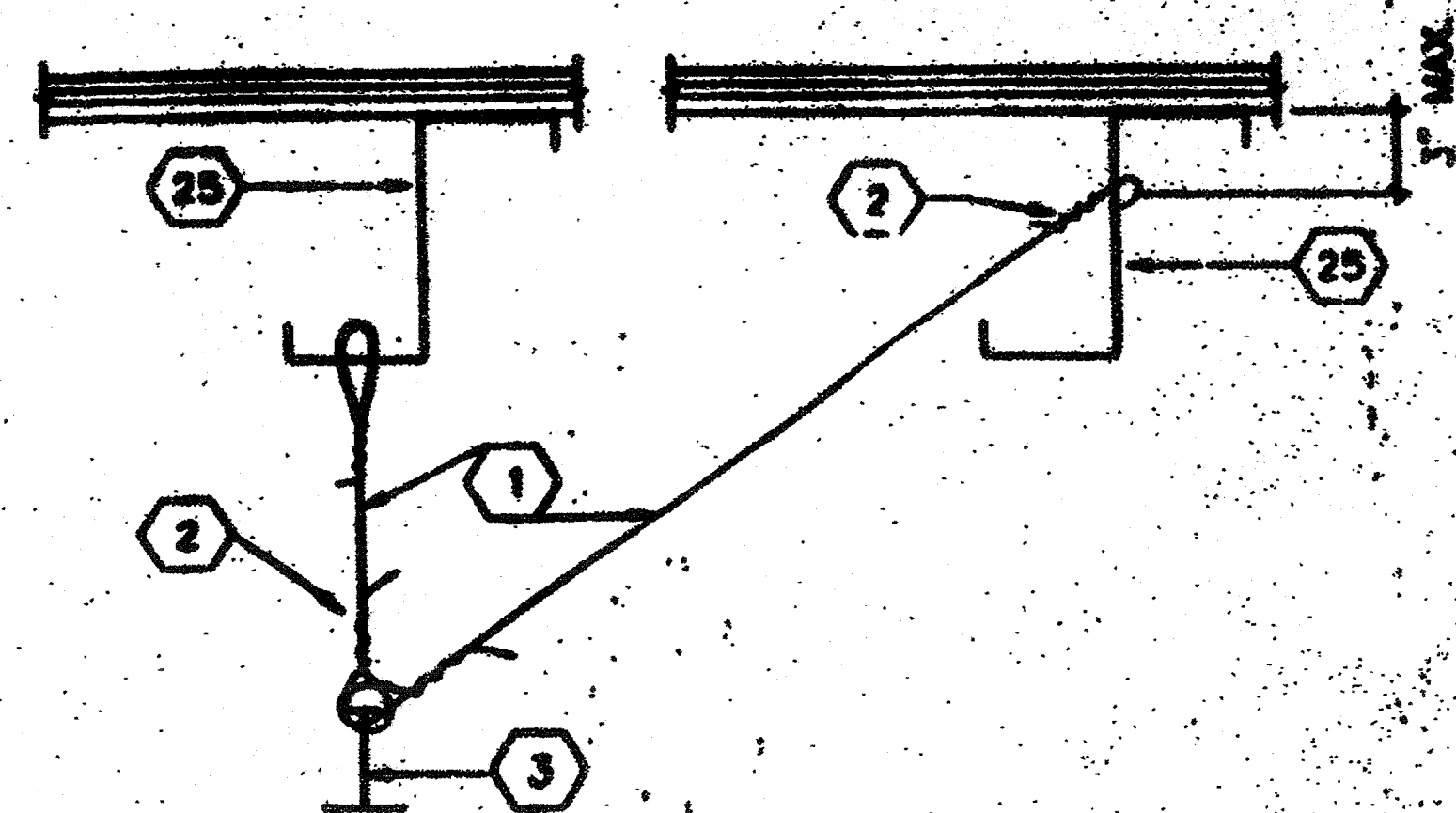


SEISMIC SPLAY - 4 WAY

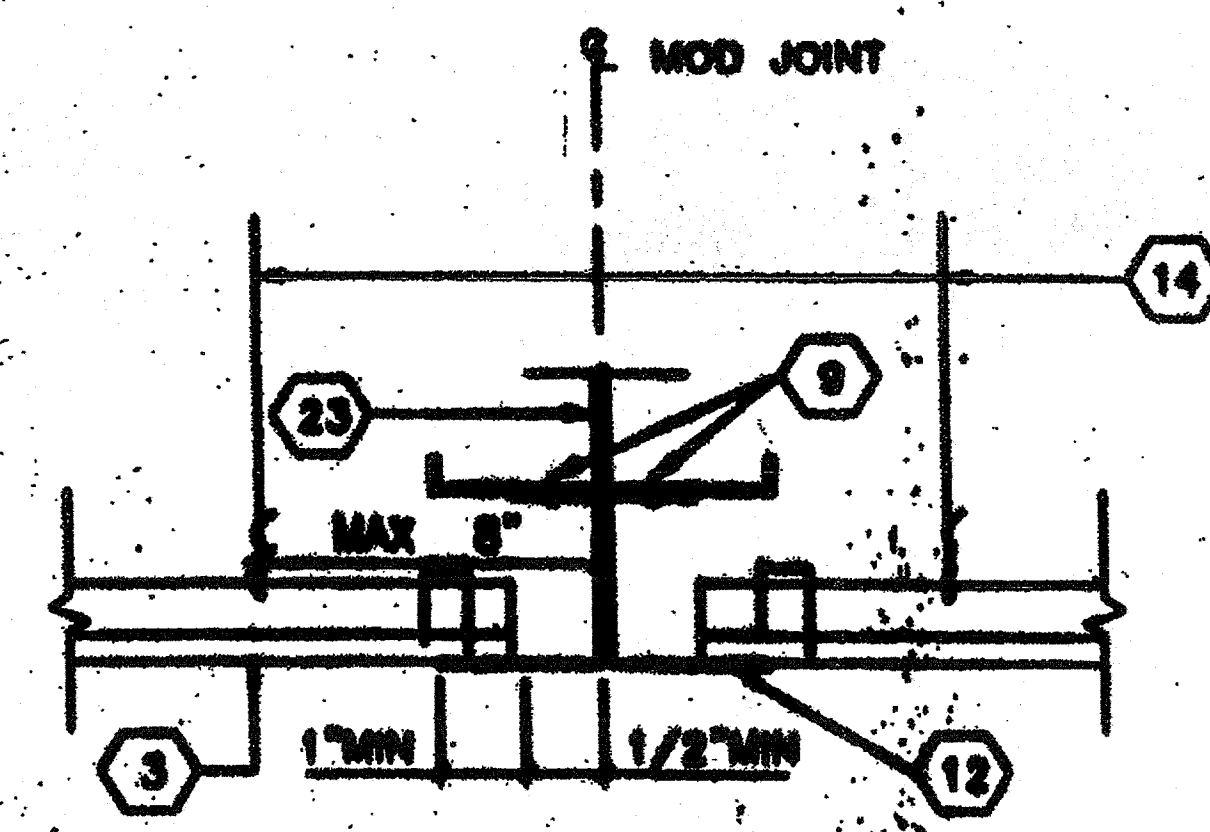
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KEY NOTES

- 1 12GA. HANGER WIRE @ 4'-0" O.C. IN PINCHED OR DRILLED HOLE
 - 2 12GA. WIRE WITH 4 WRAPS IN 1 1/2" (TYP.) WIRE TO RUN PERPENDICULAR TO MAIN TEE
 - 3 MAIN RUNNER
 - 4 1/8" POP RIVET TO EACH T-BAR
 - 5 WALL ANGLE
 - 6 @ 16" @ FRAMING TO WALL STUD
 - 7 ANGLE WITH 1/8" POP RIVET TO EACH T-BAR NO CONNECTION TO WALL ANGLE
 - 8 TOP PLATE
 - 9 #10 S.T.S.M.S. @ 4' O.C.
 - 10 3"x1/4" EYED SCREW W/2" EMBEDMENT
 - 11 HANGER TO WALL WHERE NO RAFTER ABOVE MAX SLOPE 1" IN 8"
 - 12 28 GA. REFLECTED CEILING MOUNT X 2" C
 - 13 CROSS TEE
 - 14 12GA. HANGER WIRE AT THE END ON EACH RUNNER MIN. 4 WRAPS IN MAX 1 1/2"
 - 15 MAIN RUNNERS OR CROSS TEES
 - 16 ACOUSTICAL BOARD
 - 17 FINISH WALL
 - 18 STABILIZER BAR CONTINUOUS AT FREE SIDE TAB CLIPS ON TO MAIN BEAMS ARMSTRONG #7425 (24") #7445 (48")
 - 19 1/2" GYP BOARD FOR FIRE BLOCKING
 - 20 NO POP RIVETS
 - 21 PROVIDE SPACE AT ALL MEMBERS AT OPPOSITE WALL
 - 22 #8 TEK SCREW @ MAX 24" O.C.
 - 23 ROOF BEAM (SEE STRUCTURAL)
 - 24 NOT USED
 - 25 ROOF PURLIN (SEE STRUCTURAL)
 - 26 CRIMP CONDUIT AND ATTACH TO T-BAR GRID W/#8 TEKSCREWS
 - 27 CRIMP CONDUIT TO RAFTER W/2-#8 TEKSCREW
 - 28 3/4" E.M.T. CONDUIT
 - 29 #8 TEKSCREW
- * 1/4 OF THE LENGTH OF THE END RUNNER WHICHEVER IS LEAST



5

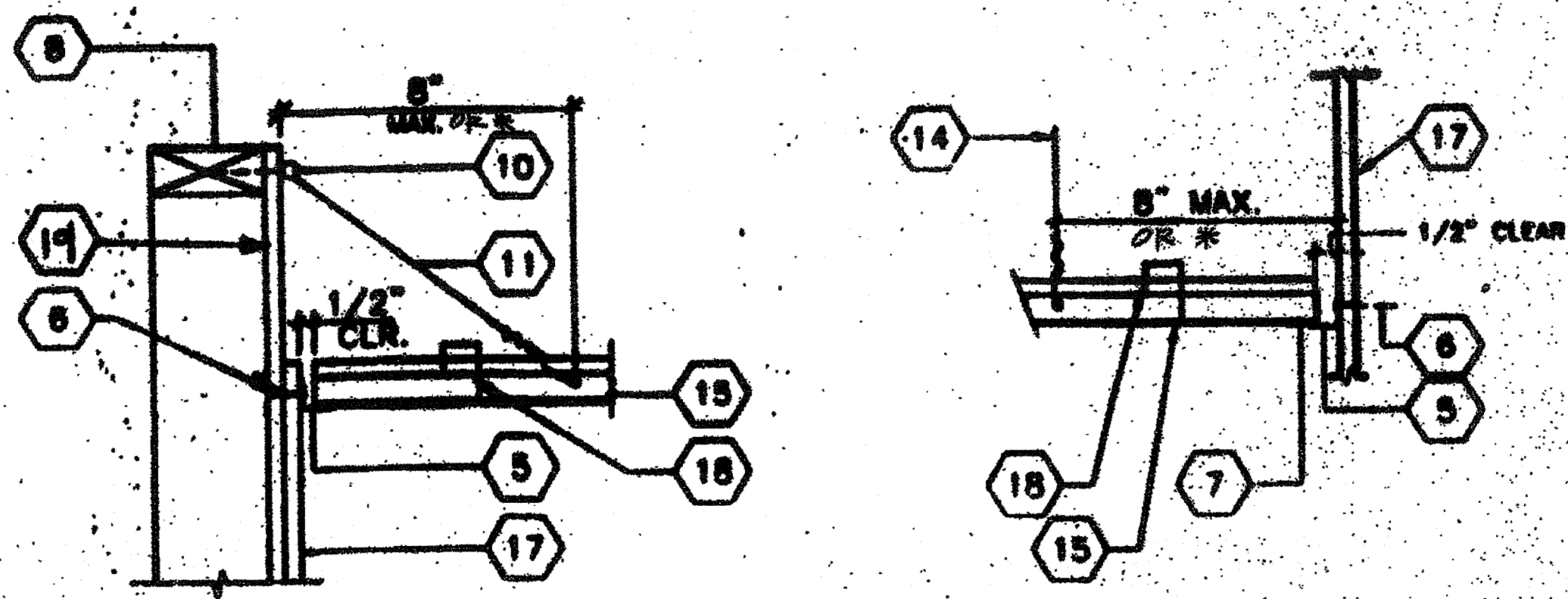


NOTE: LAY-IN CEILING TILE NOT SHOWN FOR CLARITY.

GRID AT MOD LINE FREE SIDE

SCALE 3/8"=1'

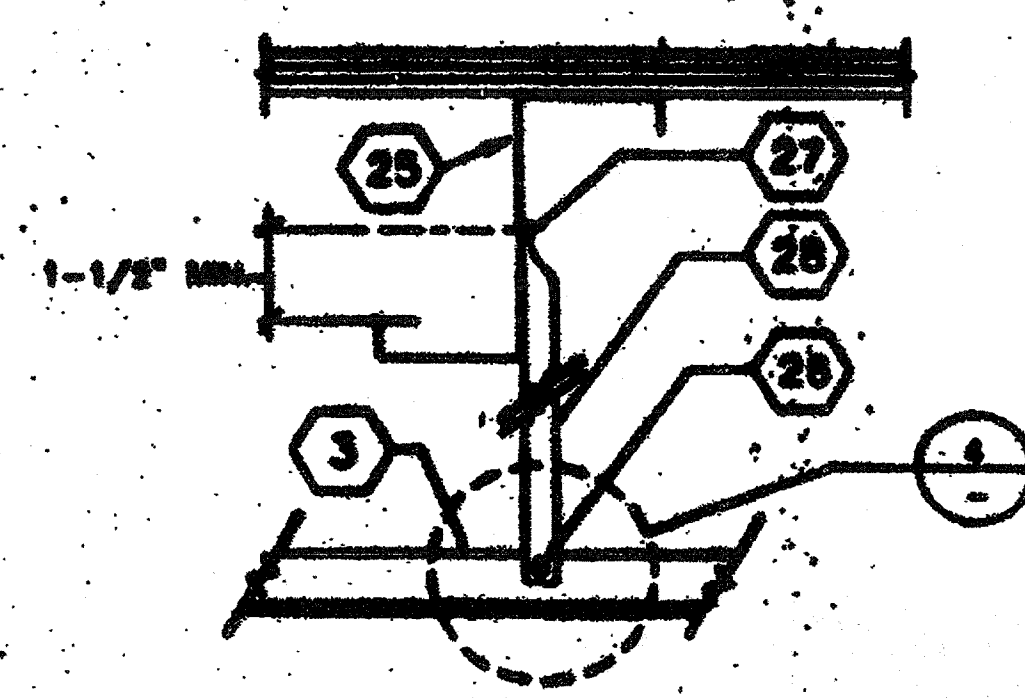
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ALTERNATE

TYPICAL FREE SIDE

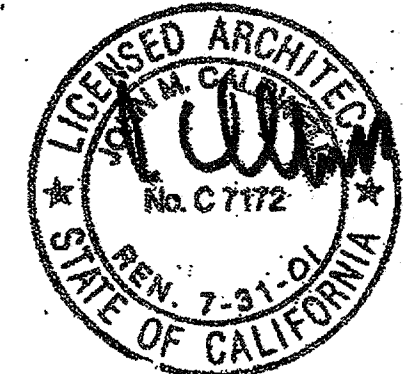
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NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR DEPENDING UPON CONDITION & LOCATION

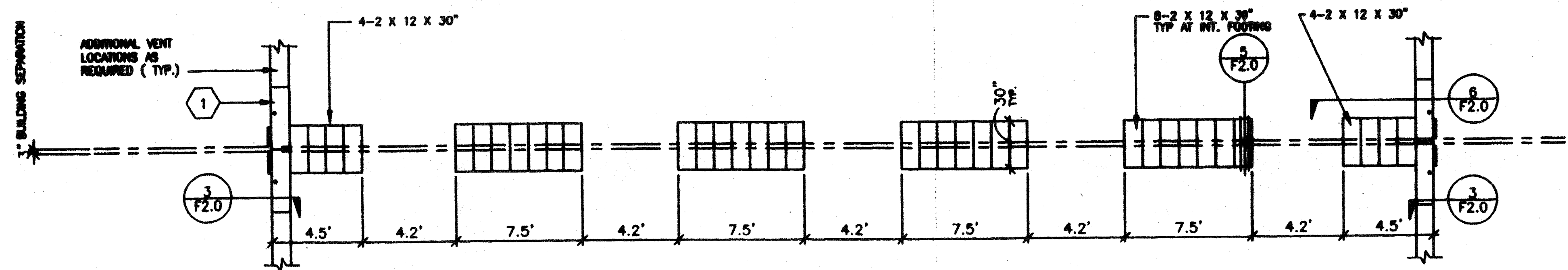
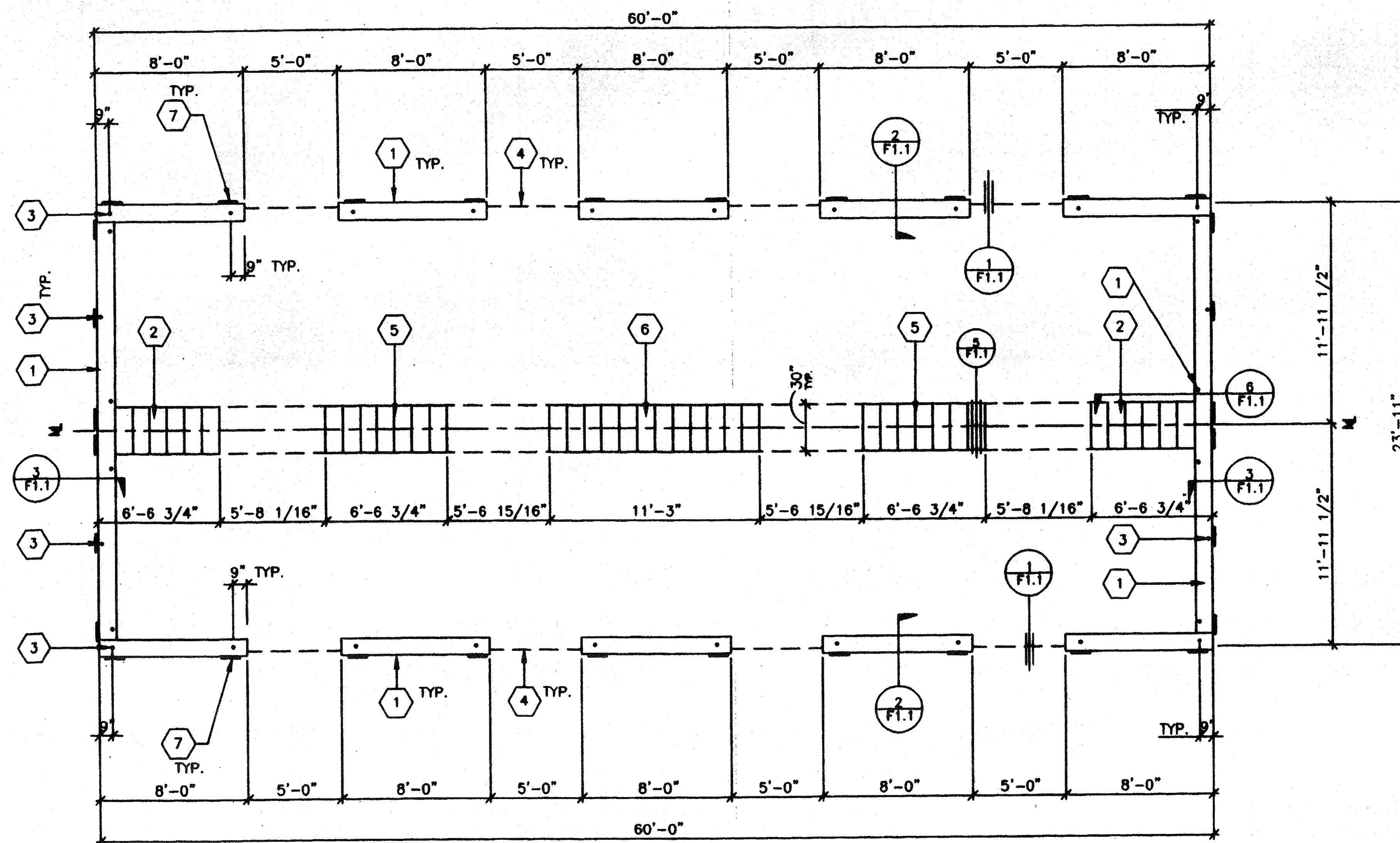
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3



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							<p>DATE APR 10 2011</p>	<p>DATE</p>
						<p>INC.</p>	<p>REFLECTED CEILING DETAILS</p>	<p>A7.4</p>

"AS BUILTS"



FOOTING PADS AT 3" BUILDING SEPARATION

KEY NOTES

- 1 2"x12" SILL PLATE
- 2 6 - 2X12X30" LONG
- 3 PIPE TO GRADE (TYP.)
- 4 3" HIGH BY 5'-0" LONG VENT
- 5 7-2X12 SILL PADS
- 6 12-2X12 SILL PADS
- 7 6"x12"x10 GA. PLATE

NOTES:

1. SILL RESTRAINT: ON A.C. PAVING AND ON SOIL 1" O.D. GALVANIZED PIPE AT 10'-0" 12" PENETRATION BELOW SURFACE VERTICALLY. DRILL SILL 1-1/4" MAX. PIPE MAY BE DRIVEN MAX. OF 45° ANGLE TO VERTICAL. (18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.)
2. ON CONCRETE PAVING MULTI DS 82-P10 THRU SILL PLATE:
END WALLS: 8" O.C.
SIDE WALLS: 22" O.C.
3. WHERE SHIM STOCK IS REQUIRED FOR LEVELING USE 1/4", 1/2", OR 3/4" THICK PLYWOOD SAME WIDTH AS BLOCK. P.T.
4. VERIFY DRAINAGE TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE. VERIFY WITH DISTRICT ARCHITECT SITE PLAN.
5. ALL FOUNDATION MATERIAL SHALL BE HEM FIR
GROUND CONTACT: LP-22
ABOVE GROUND: P.T. NOT REQ'D

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VENT CALCS.
BLD'G SIZE 24' X 60' = 1440 SQ. FT.
VENTILATION REQ'D 1440 / 150 = 9.6 SQ. FT.
3" X 5'-0" VENT = 1.25 SQ. FT.
8 VENTS X 1.25 SQ. FT. = 10

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DATE DEC 18 2015

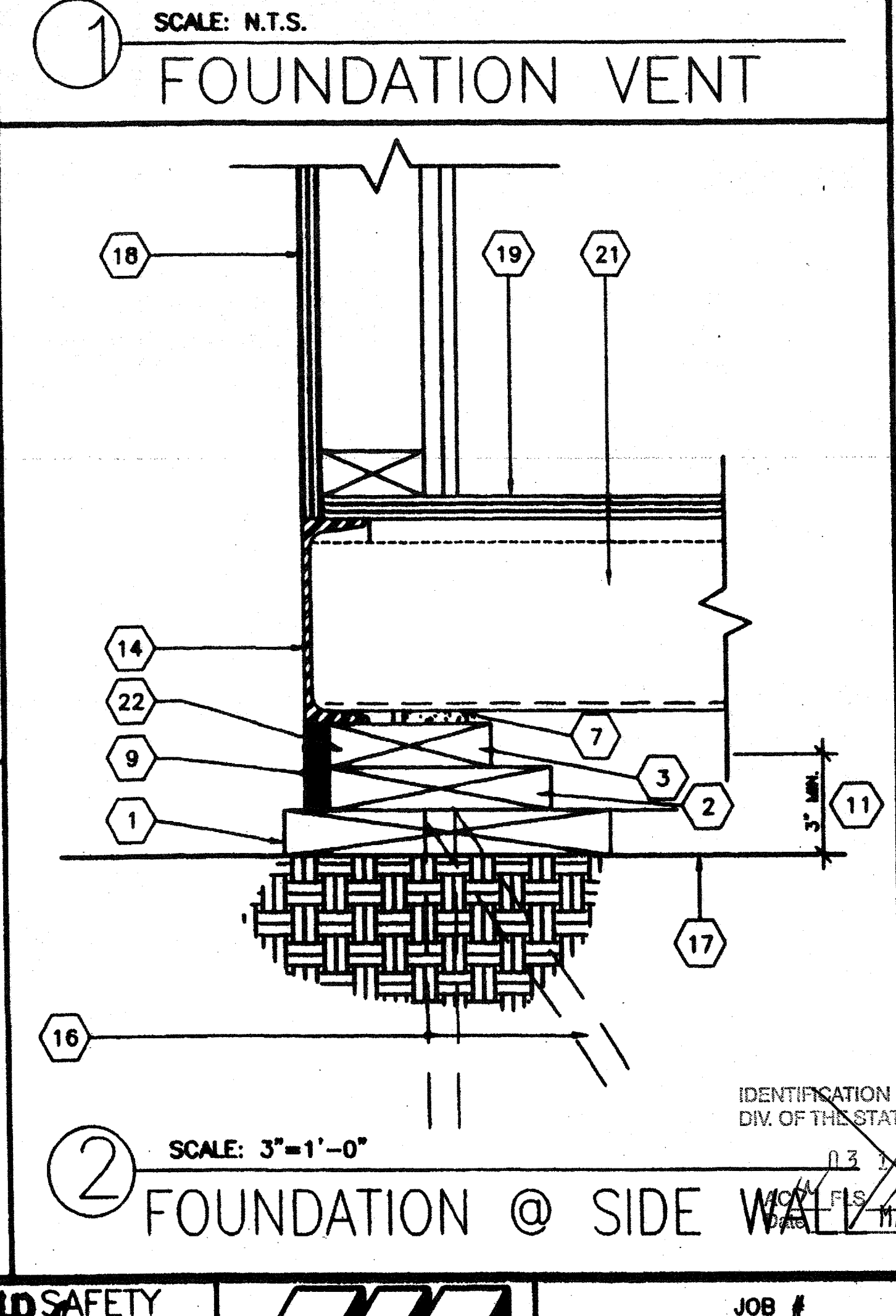
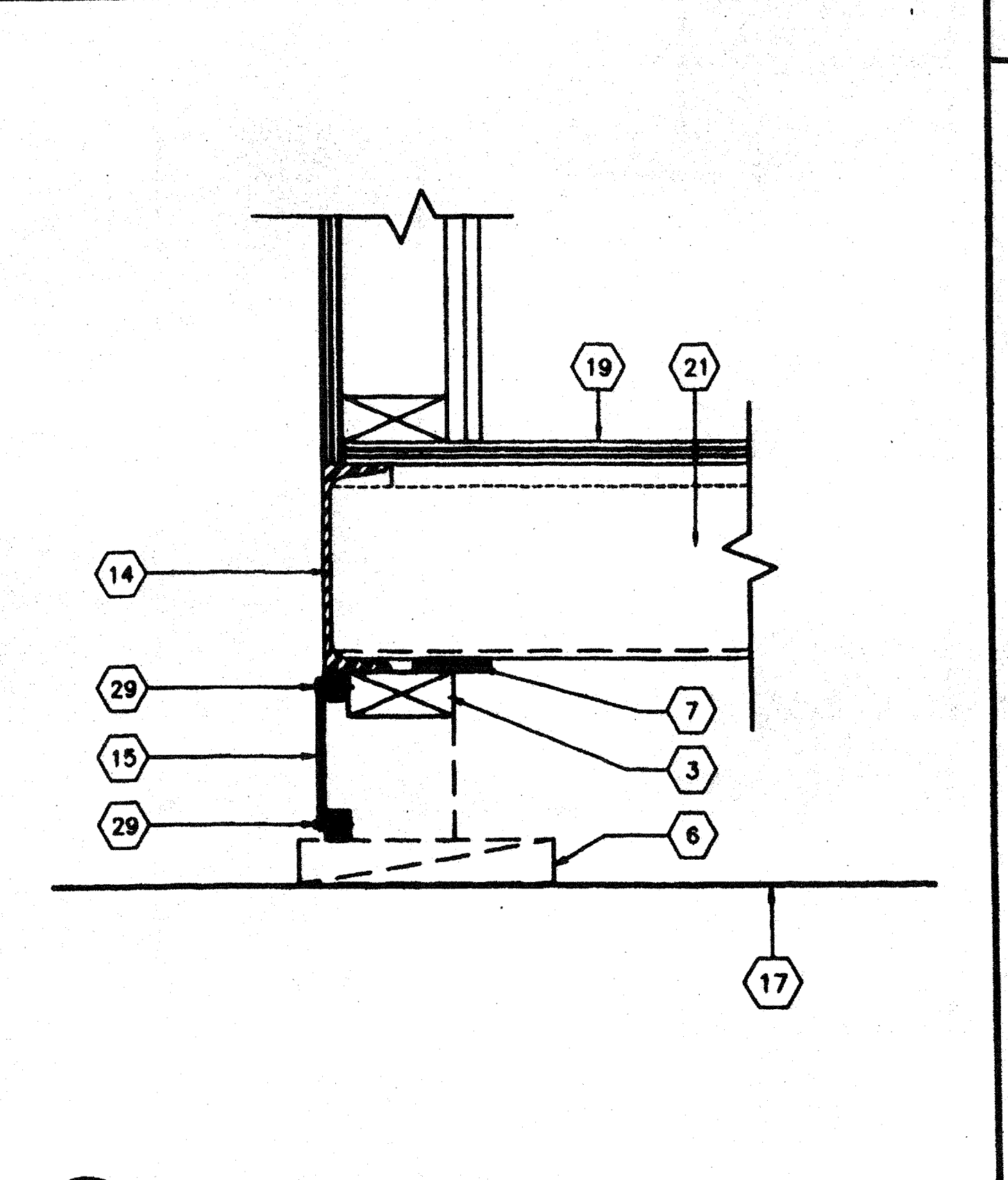
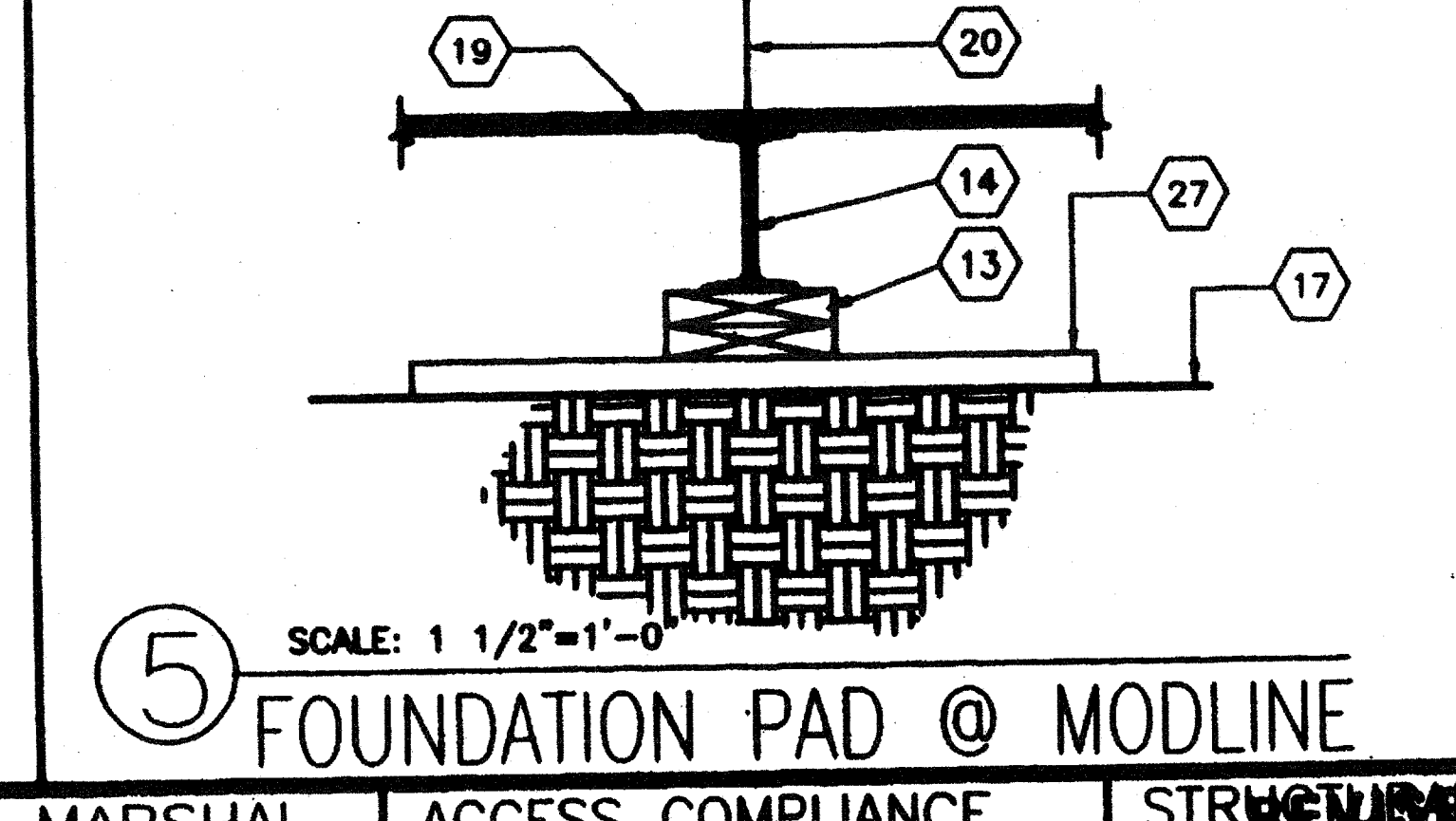
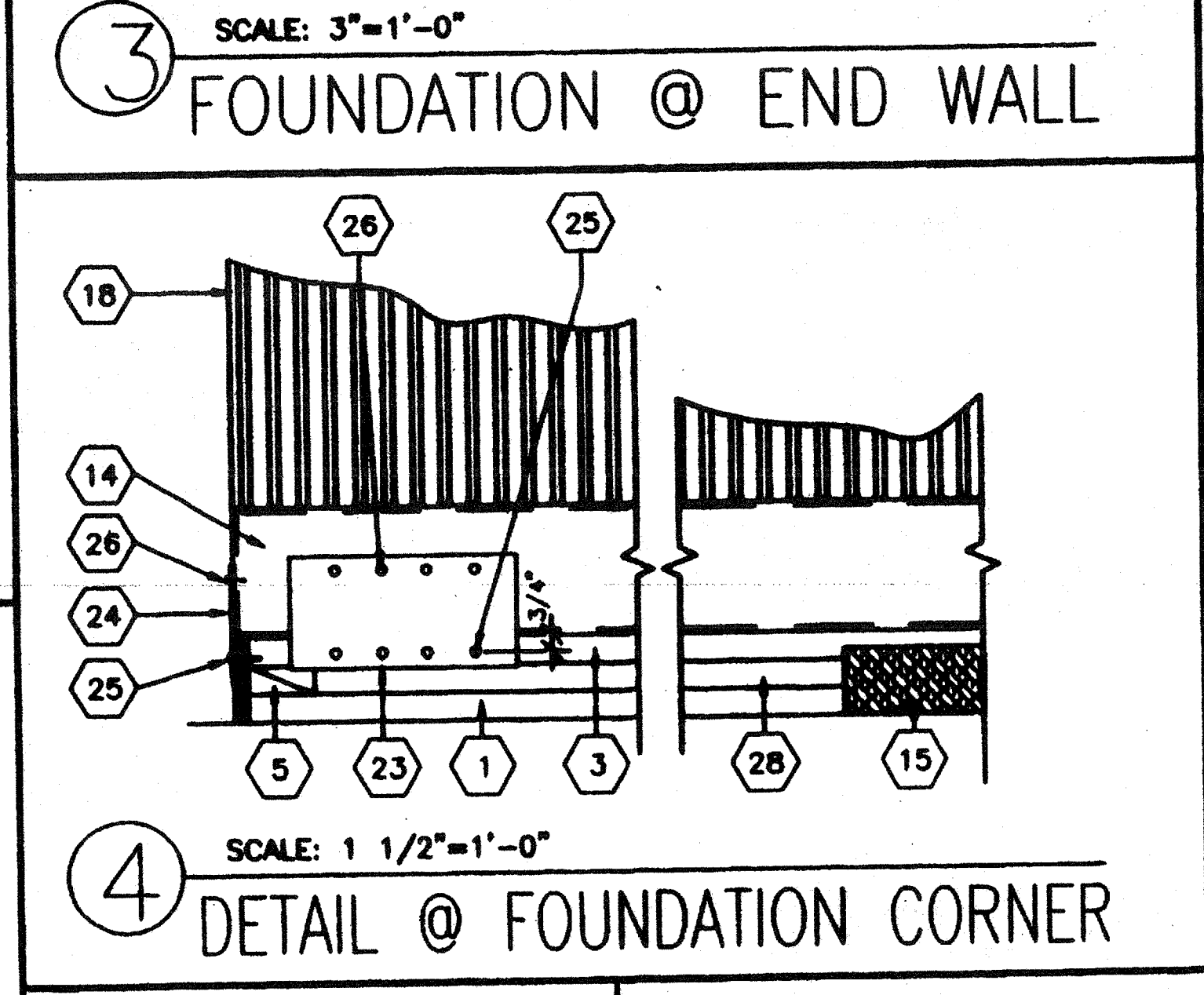
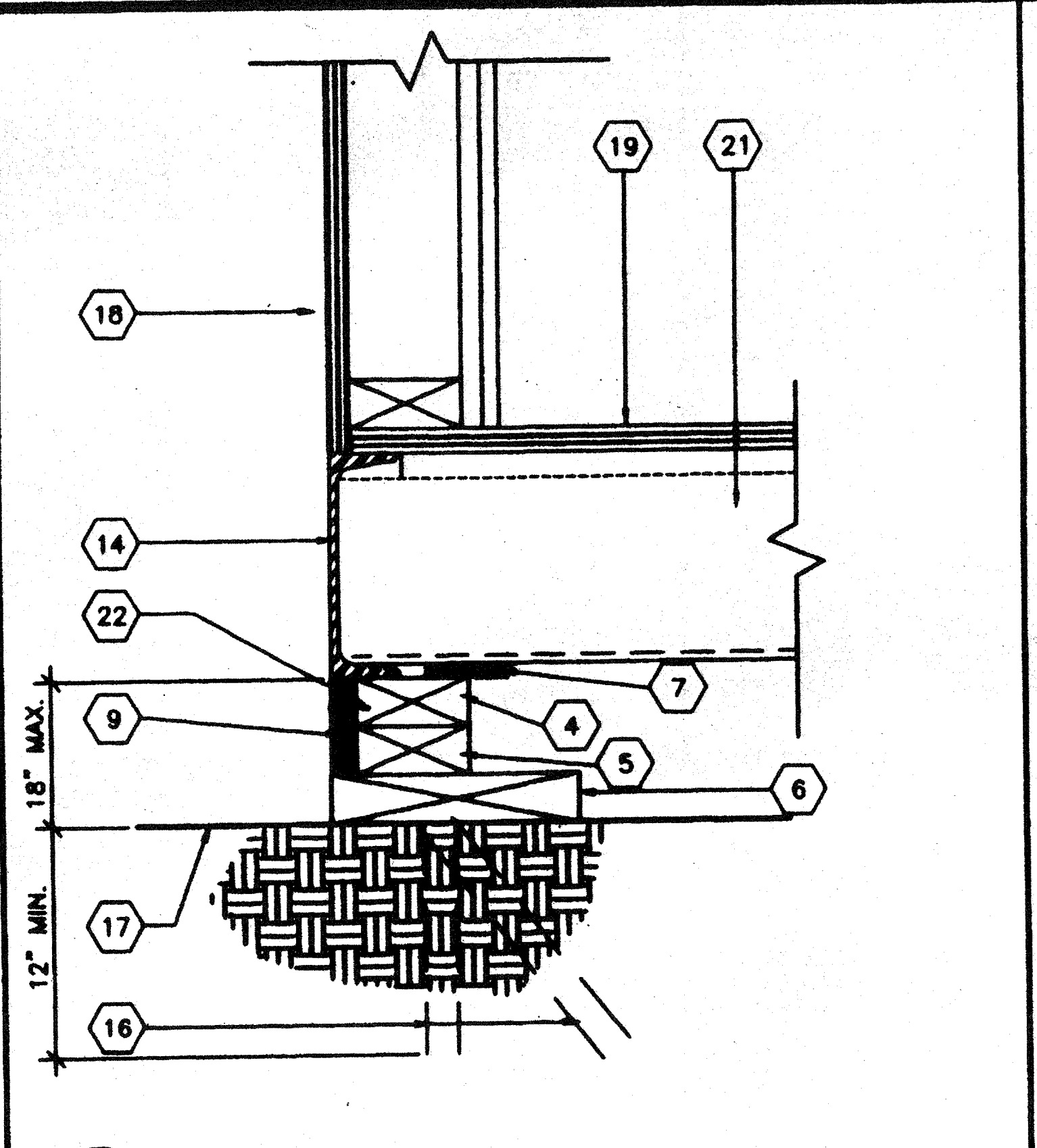
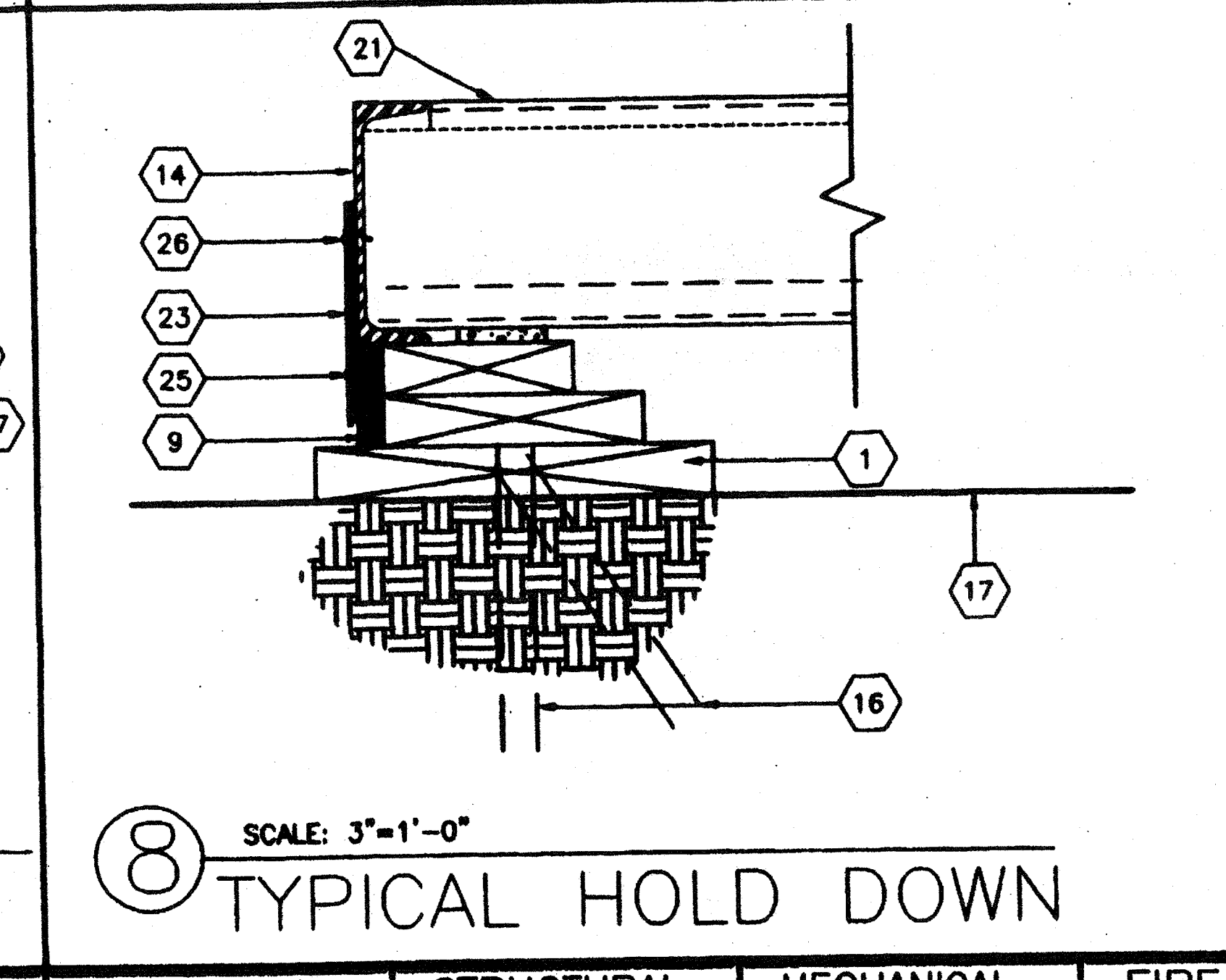
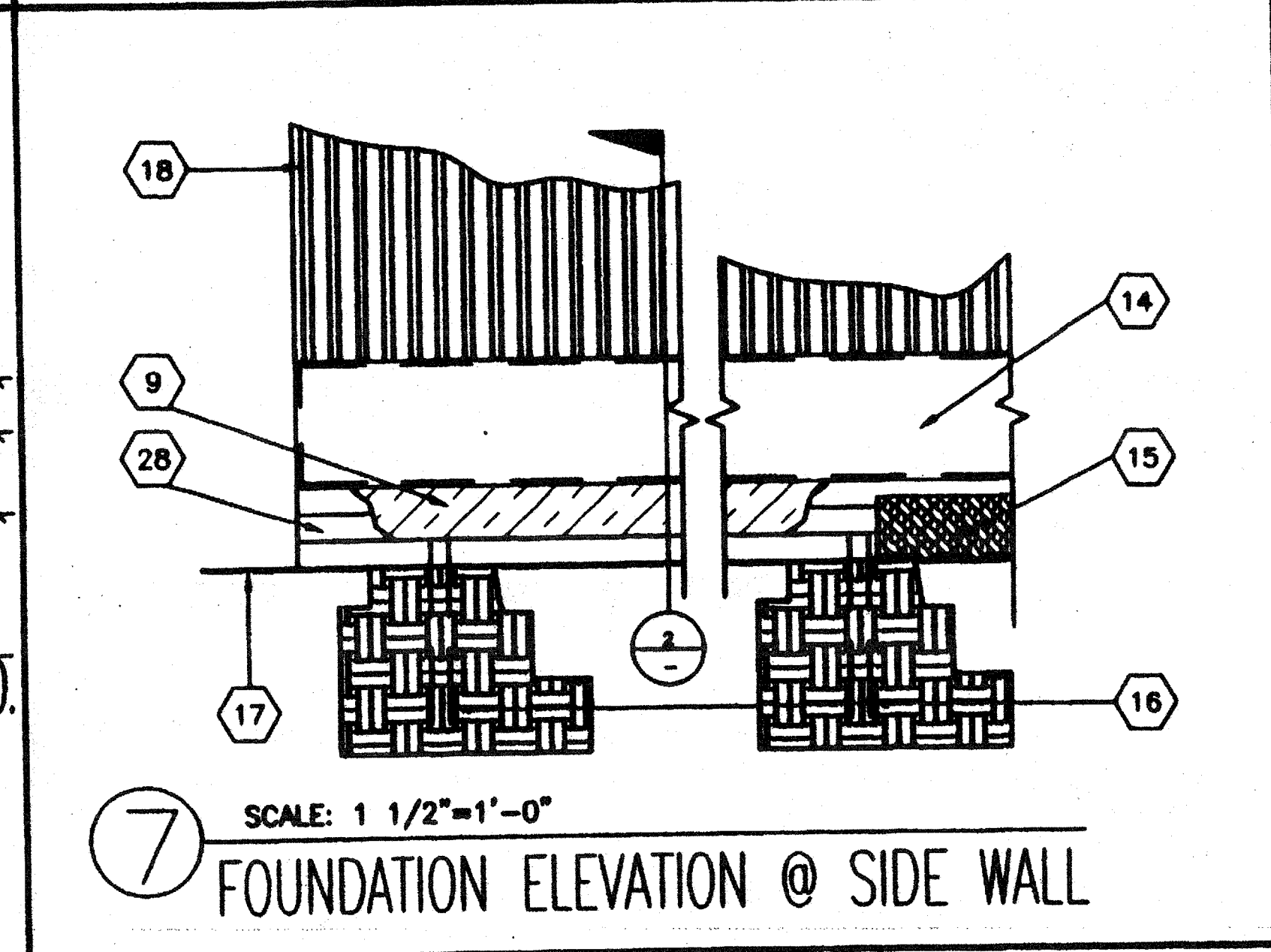
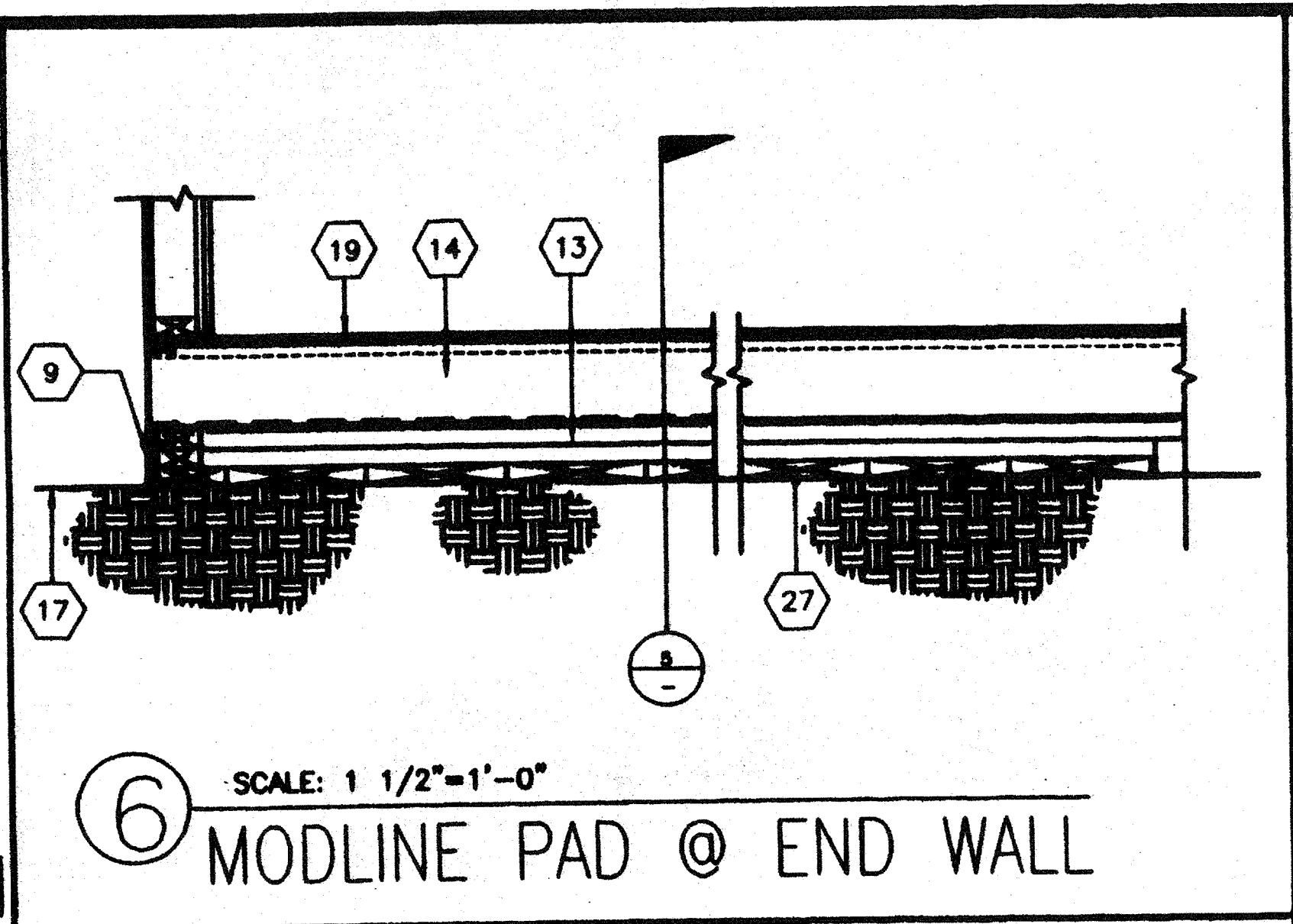
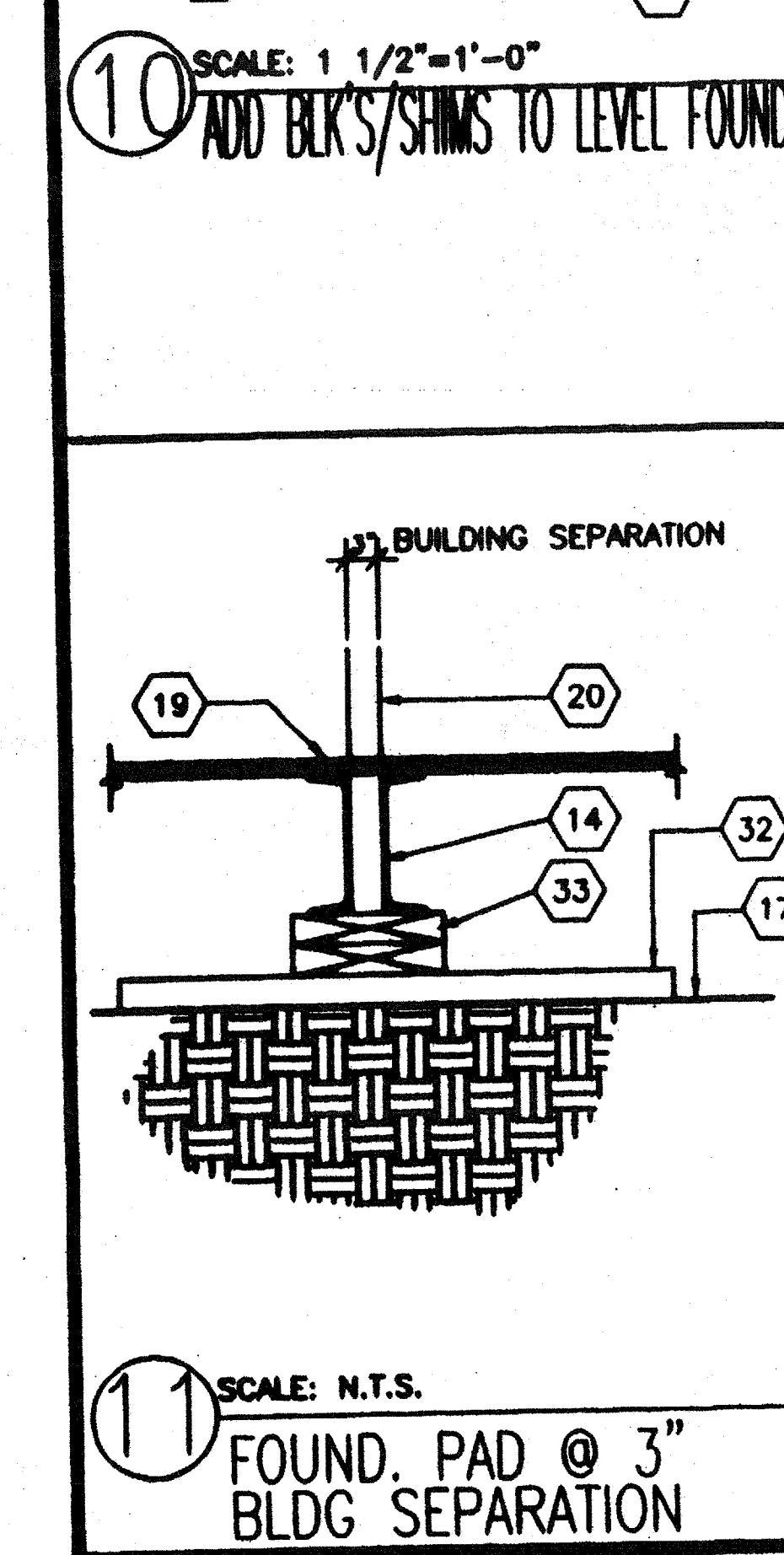
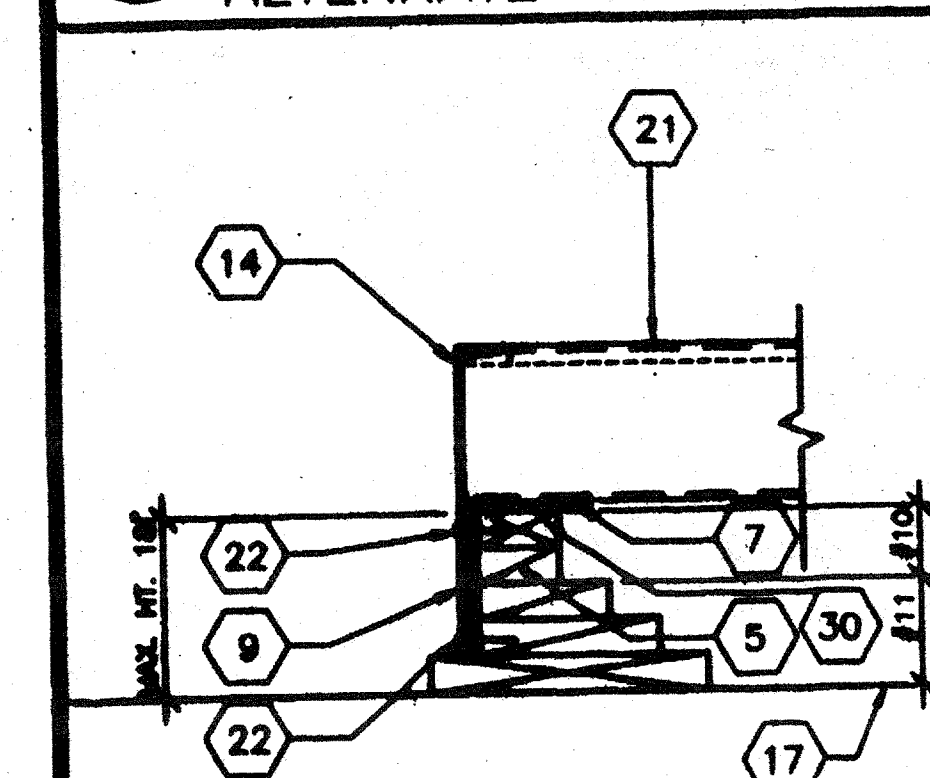
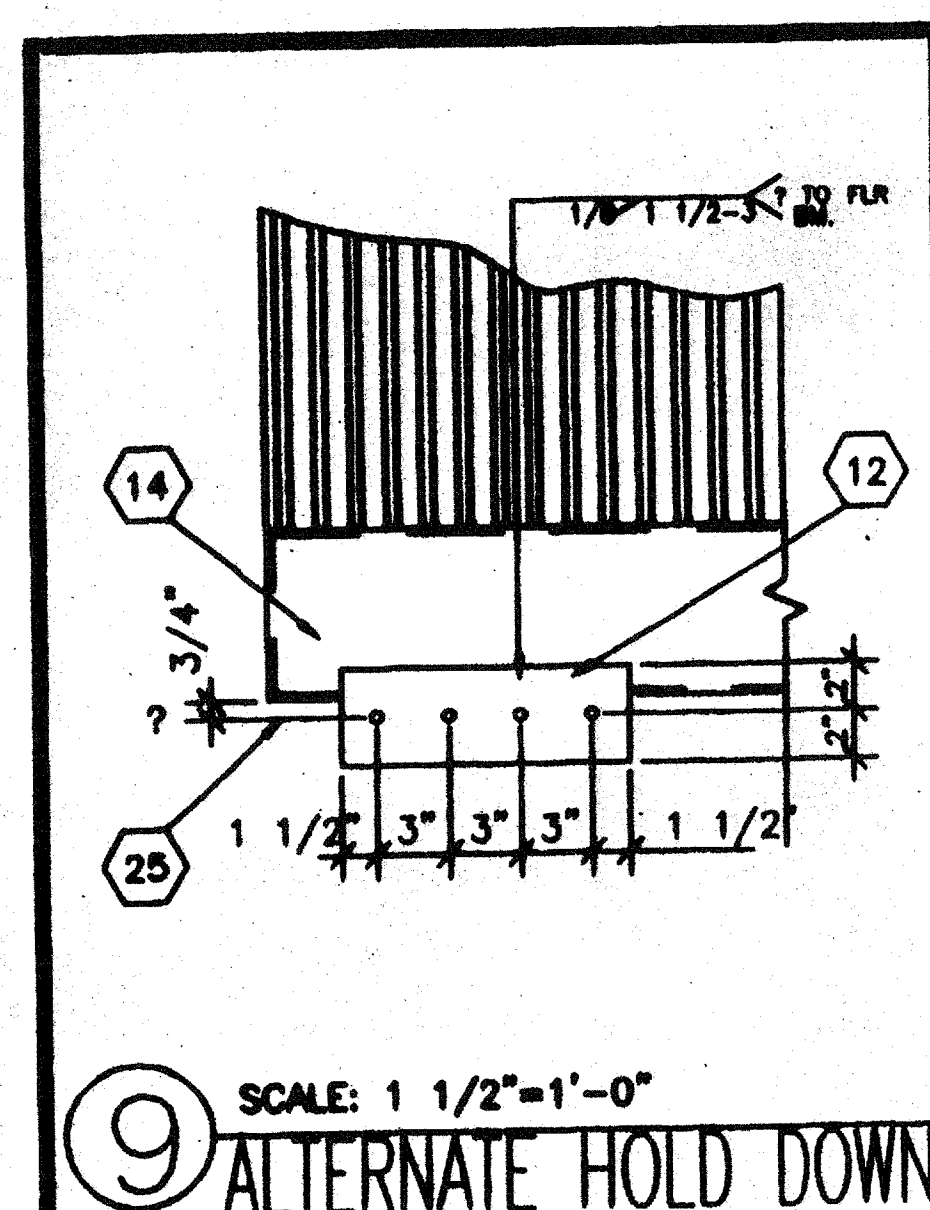
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03 117008
AC/ FLS - SS
DATE MAY 04 2016

FOUNDATION (WOOD SILL)

50# L.L. + 20# PARTITIONS
REVISION 01 3 1997
SCALE 1/4"=1'-0"

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▲						MODTECH INC. 2830 BARRETT AVE. PERRIS, CA 92572 PH. (909) 943-4014 FX. (909) 940-0427	3059 2198	6012-016	DATE 02-11-97 CHECKED BY DATE
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KEY NOTES

- 1 2X12 SILL PLATE SEE FOUND. PLAN FOR LENGTH
- 2 2X8 TOP PLATE W/16d @ MAX 5" O.C. TO SILL PLATE
- 3 2X4 CONT. TOP PLATE W/16d @ MAX 12" O.C.
- 4 2X4 TOP PLATE CONT.
- 5 2X4 BLOCKING W/16d MAX. 12" O.C. TO SILL PLATE
- 6 2X12 CONT. SILL PLATE
- 7 5/8"x2 1/2" SHIM (WHEN REQ.)
- 8 NOT USED
- 9 MIN. 3/8" PLYWOOD SKIRTING W/10d BOX @ MIN. 4" O.C. @ ENDWALLS & 8" O.C. @ SIDEWALLS E.N. & TYP. 12" O.C. FN.
- 10 ADD BLK'NG OR SHIMS AS REQ. TO MAX. HT. SEE DETAIL #3
- 11 MIN. FOUNDATION HEIGHT SEE DETAIL #2
- 12 10GA. PLATE 4"x12"
- 13 2X8 BLK'NG FACE OR TOE NAIL 16d @ MAX 12" O.C. ADD BLKS. OR SHIMS AS REQ'D
- 14 FLOOR FRAME BEAM SEE STRUCTURAL
- 15 VENT MIN. 3"x5'-0" TYP. 8-PLACES= 10.0 SQ.FT. TOTAL (SEE FOUNDATION PLAN).
- 16 SILL RESTRAINT 1" # PIPE SEE FOUND. FOR LOCATION
- 17 FINISH GRADE
- 18 EXTERIOR FINISH
- 19 PLYWOOD SUBFLOOR
- 20 MOD-LINE
- 21 FLOOR-JOIST
- 22 EN SEE NOTE #9
- 23 6"x12"x10 GA. PLATE W/4 -#10 SMS TO FL & 4-1/4" X3" LAG TO FOUND. TOP PLATE
- 24 6"x12"x10 GA PLATE
- 25 1/4" X3" LG. LAG SCREW TYP. 4-PLACES
- 26 #10 S.T.S. TYP. 4-PLACES
- 27 2X12X2'-6" SILL PLATE SEE FOUND. PLAN FOR QUANTITY REQ'D
- 28 2X8 BLK'NG W/16d @ MAX. 6" O.C. MIN. 3 PER BLOCK (MAY VARY ACCORDING TO SITE)
- 29 10d GALV. BOX NAIL @ MAX. 4" O.C.
- 30 INSERT REQ'D 2X4 BLK'NG OR PLYWD. SHIM W/16d @ 12" O.C. FACE NAIL
- 31 2 X 10 PLATES W/ 2-160 BOX @ 6" O.C.
- 32 2 X 12 X 30" OR 2 X 10 X 30" SILL PLATE CONT. SIDE BY SIDE
- 33 2X12 BLK'NG FACE OR TOE NAIL 16d @ MAX 12" O.C. ADD BLKS. OR SHIMS AS REQ'D

ARCHITECT
These plans and specifications, prepared by others, have been revised and signed by the Architect and attached as part of the Architect's plans and specifications to comply with DBA requirements. The Architect's signature listed below (representing MTD Architects) is placed on these plans and specifications for that reason only. Responsibility for building and structural design compliance with the latest codes and specifications is the responsibility of the Structural Engineer / Manufacturer. Regulations to be taken into account by the Structural Engineer / Manufacturer.

ELECTRICAL

STRUCTURAL

 LICENSE 49884-0000

MECHANICAL

FIRE MARSHAL

ACCESS COMPLIANCE

STRENGTH AND SAFETY

 LICENSE 304

INC.

JOB # 3059-2198
 DATE 6/18/16
 CHECKED BY STRP-49
 DATE
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 FOUNDATION DETAILS (F2.0)

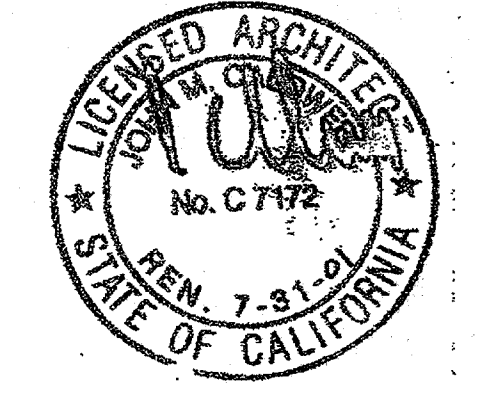
GLENDALE UNIFIED

MATERIAL SCHEDULE

	NAME	SIZE	TYPE OR MFG. NAME	GRADE	COMMENTS
FLOOR	PERIMETER FRAME	6" X 4"	STEEL CHANNEL	A100	ASTM A-36
	JOIST	2 @ 9" X 2 1/2"	18 GA. STEEL ZEE	A100	ASTM A-36
	DECKING	1 1/2"	STRUCT. FLOOR PLYWOOD	UNCLASIFIED	
	INSULATION	3 1/2"	FIBERGLASS UNFACED	R-11	
	BOTTOM BOARD		TRANSIT BOARD		
	COLUMN EXTERIOR	4" X 4"	1/4" TRACK		ASTM A-300
COLUMN INTERIOR	3 1/2" X 3 1/2"	1/4" TRACK		ASTM A-300	
EXTERIOR PARTITION	PLATE	3 X 4	DOUG-FIR LARCH	STD. OR BETTER	SINGLE TOP PLATE AND SINGLE BOTTOM PLATE
	STUD	2 X 4	DOUG-FIR LARCH	STD	AT 16" O.C. IN DOUBLE STUD AT 48" O.C.
	EXTERIOR FINISH	5/8"	APA RATED GYPSUM	EXPOSURE 1	GROOVES AT 8" O.C.
	INTERIOR FINISH	1"	1/2" VINYL TAPE BOARD OVER 1/2" GYPSUM BOARD		SEE FINISH SCHEDULE
	INSULATION	3 1/2"	FIBERGLASS UNFACED	R-11	
	STEEL STUDS (OPTIONAL)	3 1/2" X 1 1/2"	30 GA. STEEL ZEE		ASTM A-446
STEEL TRACK (OPTIONAL)	3 1/2" X 1 1/2"	30 GA. STEEL ZEE		ASTM A-446	
INTERIOR PARTITION	PLATE	3 X 4	DOUG-FIR LARCH	STD. OR BETTER	SINGLE TOP PLATE AND SINGLE BOTTOM PLATE
	STUD	2 X 4	DOUG-FIR LARCH	STD	AT 16" O.C.
	INTERIOR FINISH	1"	1/2" VINYL TAPE BOARD OVER 1/2" GYPSUM BOARD		SEE FINISH SCHEDULE
	STEEL STUDS (OPTIONAL)	3 1/2" X 1 1/2"	30 GA. STEEL ZEE		ASTM A-446
	STEEL TRACK (OPTIONAL)	3 1/2" X 1 1/2"	30 GA. STEEL ZEE		ASTM A-446
	ROOF	FURLING	2 @ 6" X 2 1/2"	14 GA. STEEL ZEE	A100
BEAM		1 1/2" X 1 1/2" X 4"	10 GA. STEEL ZEE	A100	ASTM A-36
HEADER		1 1/2" X 4"	12 GA. STEEL ZEE	A100	ASTM A-36
DECKING		3/4"	PLYWOOD	CDX	
INSULATION		3 1/2"	FIBERGLASS UNFACED	R-11	
ROOFING		30 GA.	STANDING SEAM STEEL PANELS	CLASS 'A'	
ROOFING (OPTIONAL)	30 GA.	STANDING SEAM STEEL PANELS	CLASS 'A'		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 03 117210
AC FLS SS 34
Date JUL 17 2016

IDENTIFICATION STAMP
DATE MAY 11 1998



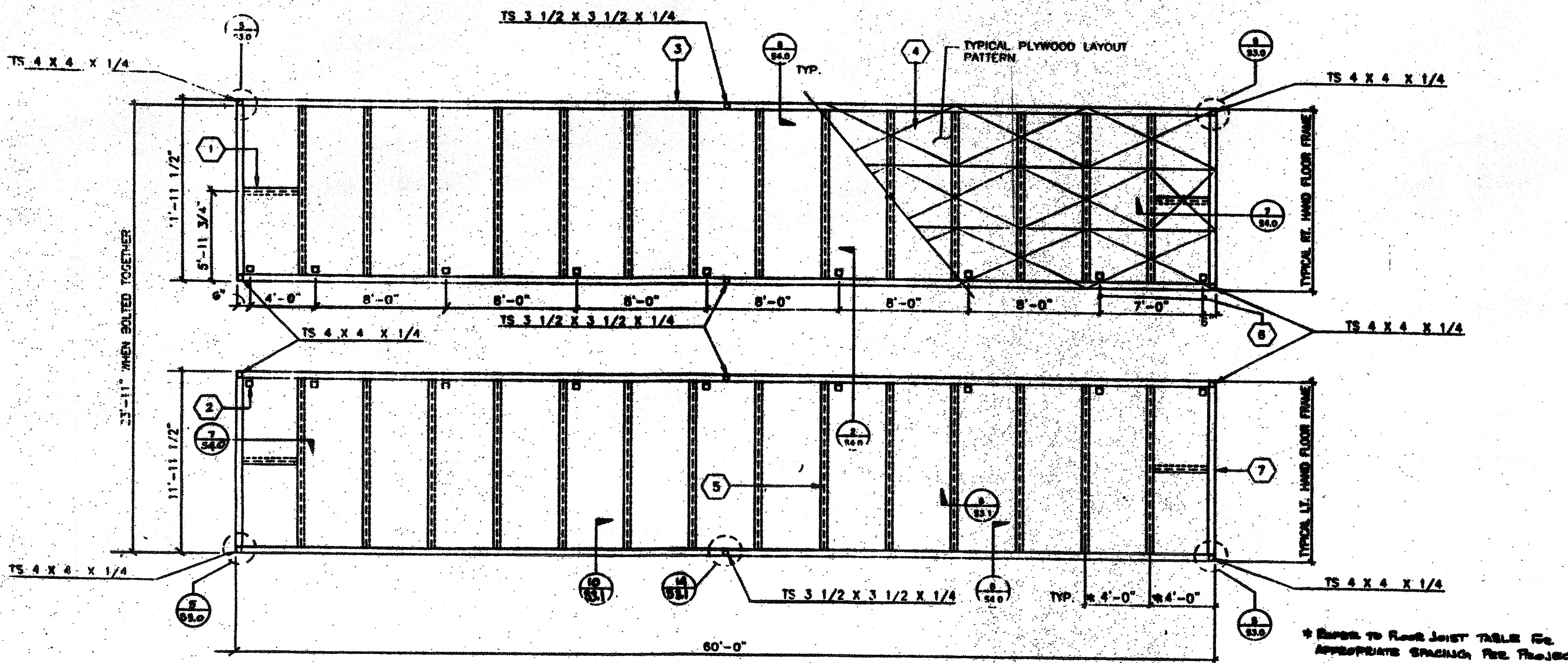
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VISION'S	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT		MODTECH INC. 2630 BARRETT AVE. PERRIS, CA 92572 PH. (909) 943-4014 FX. (909) 940-0427	JOB NO: 2703-G ELLENDALE USD FRANKLIN ELEM. SCHOOL	REVIEWED BY DATE 10-4-07 CHECKED BY DATE
							MATERIAL SCHEDULE		SO. 1

"AS BUILTS"

FLOOR JOIST TABLE

LIVE LOAD	STANDARD	ALTERNATE
50 P.S.F.	6 3/8" X 2 1/2" X 12GA.	6 3/8" X 2 1/2" X 14GA.
50 P.S.F. W/ 20 P.S.F. PARTITIONS	48" O.C.	32" O.C.
100 P.S.F.	32" O.C.	24" O.C.
125 P.S.F.	24" O.C.	18" O.C.
	18" O.C.	12" O.C.



KEY NOTES

- 1" x 11 1/2" x 2 1/2" x 12GA. BLOCKING AT MIDSPAN OF FLOOR JOIST. TYPICAL
- 5" SQ. HAND HOLES AT BOLT RM TO RM (18 PLACES)
- C 7X9.8 PERIMETER CHANNEL (TYPICAL)
- PLYWOOD FLOOR SHEATHING: APA PS 1-83 1 1/8" THICK, STURD-I-FLOOR W/48" O.C. SPAN RATING. ATTACHED W/10 X 1 3/4" SELF-TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C. SUPPORTED EDGES AND 8" O.C. FIELD TO JOIST. (TYPICAL)
- 6 3/8 X 2 1/2 X 12GA. FLOOR JOIST @ 48" O.C.
- TYPICAL BOLT HOLE LOCATION (SEE 6)
- 1" HOLE @ MID DEPTH FOR HANDING. TYPICAL FOR (4) FOUR.

NOTE

FOR CONC. FLOOR SEE F01.1 & F02.1 FOR FRAME TOP WALL ANCHOR PLATES SEE 12/53.1

* REFER TO FLOOR JOIST TABLE FOR APPROPRIATE SPACING FOR PROJECT.

FLOOR FRAMING PLAN

FLOOR LIVE LOAD - 50 PSF

BLDG TYPE 1 1/3

SCALE 1/4"=1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

A 03 117210

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Date JUL 17 2016

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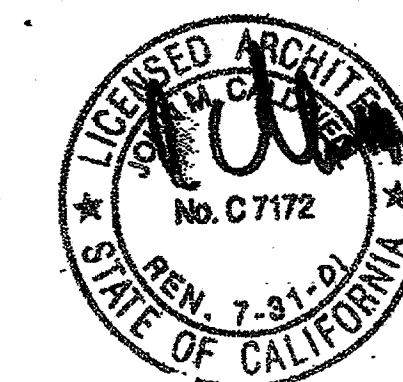
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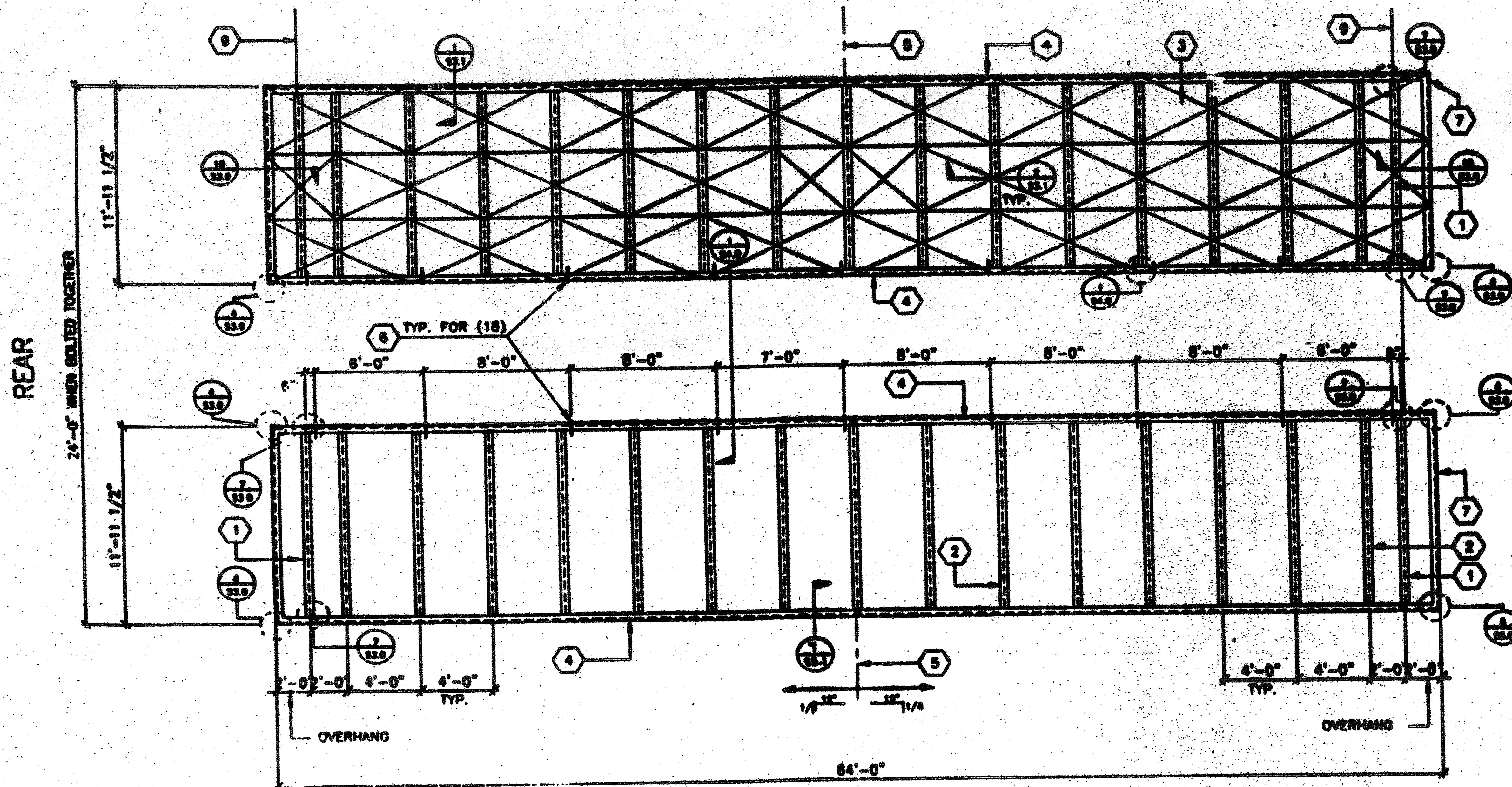
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ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	<p>JOB # 2703-G</p> <p>GLENDALE U.S.D. ELEMENTARY SCHOOL</p> <p>© MODTECH INC. 1994</p> <p>DATE 9-12-94</p> <p>CHECKED BY</p> <p>DATE</p>
[Signature]		[Signature]					<p>PC 304</p> <p>INC.</p> <p>FLOOR FRAMING PLAN S1.0</p>

"AS BUILTS"



RT HAND FRAME

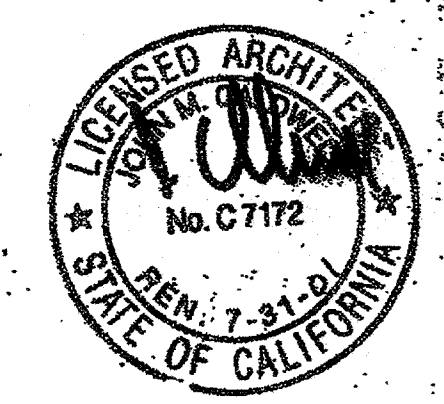
FRONT

LT HAND FRAME

- ### KEY NOTES
- 1 14 X 4 X 12 GA. HEADER
 - 2 8"X2 1/2"X14 GA. PURLIN, AT 48" O.C.
ALTERNATE:
4 1/2"X2 1/2"X12 GA. PURLIN AT 48" O.C.
 - 3 PLYWOOD ROOF SHEATHING 3/4" CD EXPOSURE 1 P.L.J 48/24 PN-83 PLYCLIPS AT 16" O.C. LONG EDGES. #10-1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME. AEROSMITH AKN 144.0125 DRIVE PWS @ 6" O.C. @ SUPPORT EDGES AND 6" O.C. FIELD TO PURLINS. PLYWOOD PATTERN SHOWN IS TYPICAL TURN OUT.
(ALTERNATE: USE AEROSMITH AKN144.0175 DRIVE PWS @ 6" O.C. PERIMETER.)
 - 4 TAPERED ROOF BEAM 10GA. SEE 7/53.1
 - 5 RIDGE-LINE
 - 6 11/16" Ø DRILL SEE DETAIL 1/54.0
 - 7 13 1/2"X14GA. FACIA @ 2'-0" OVERHANG
 - 8 12 3/4"X14GA. FACIA @ 5'-0" OVERHANG
 - 9 E.N. THIS LINE

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AC/ FLS - SS
Date JUL 18 2010

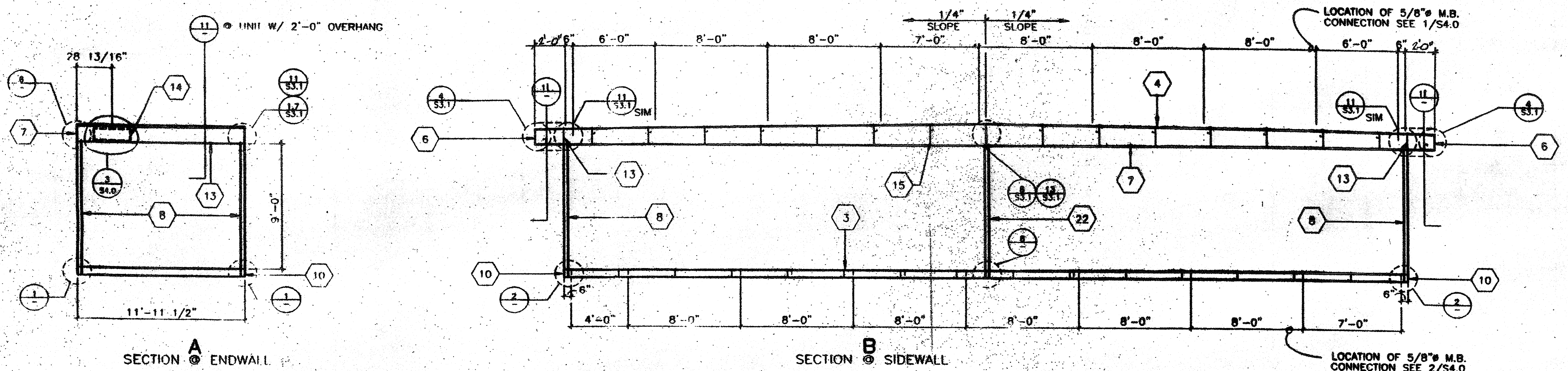
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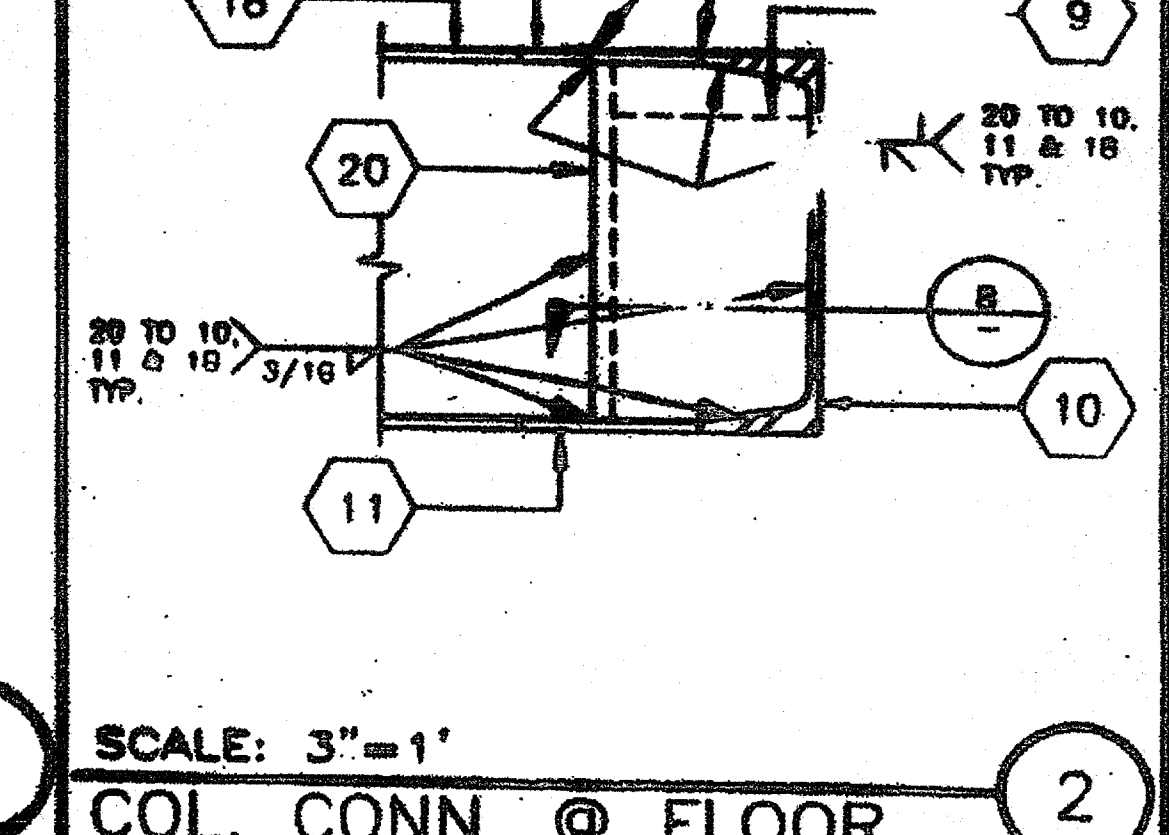
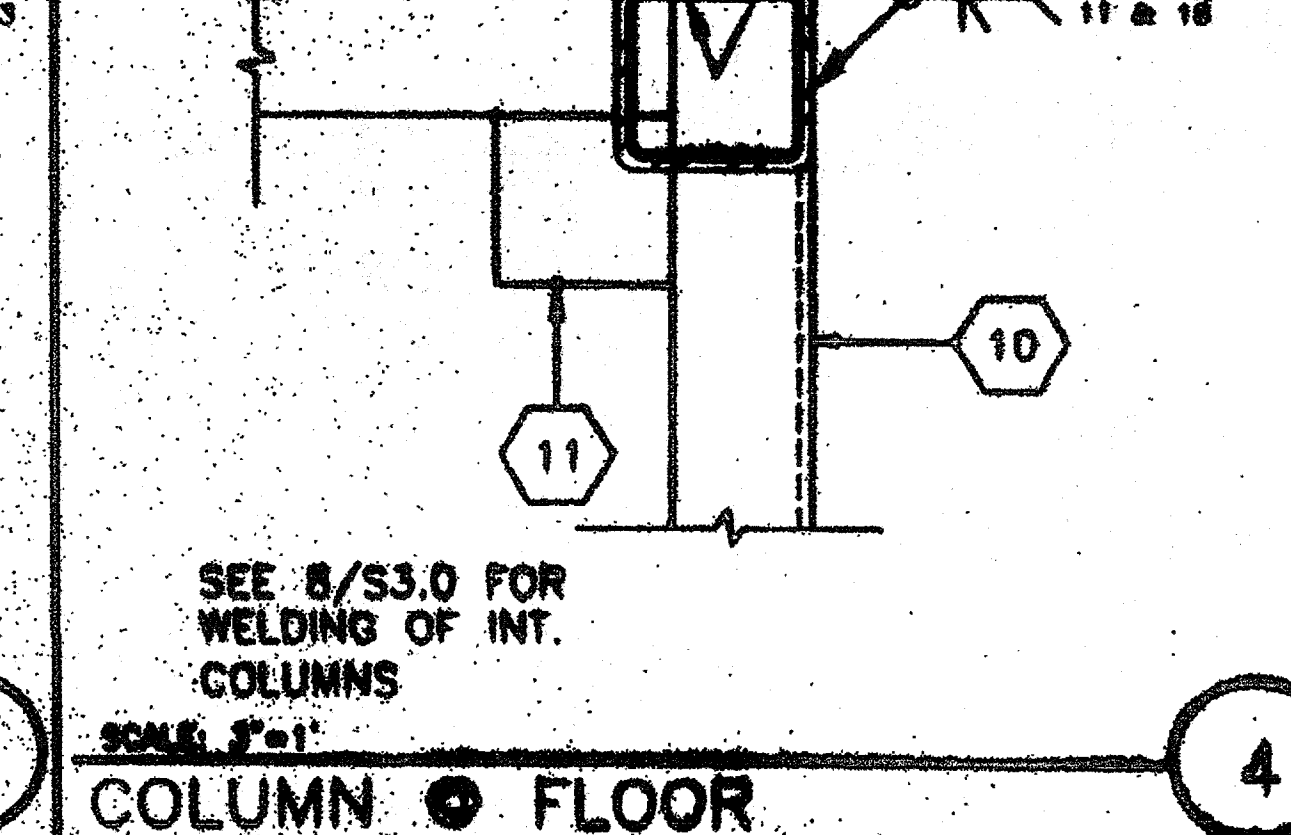
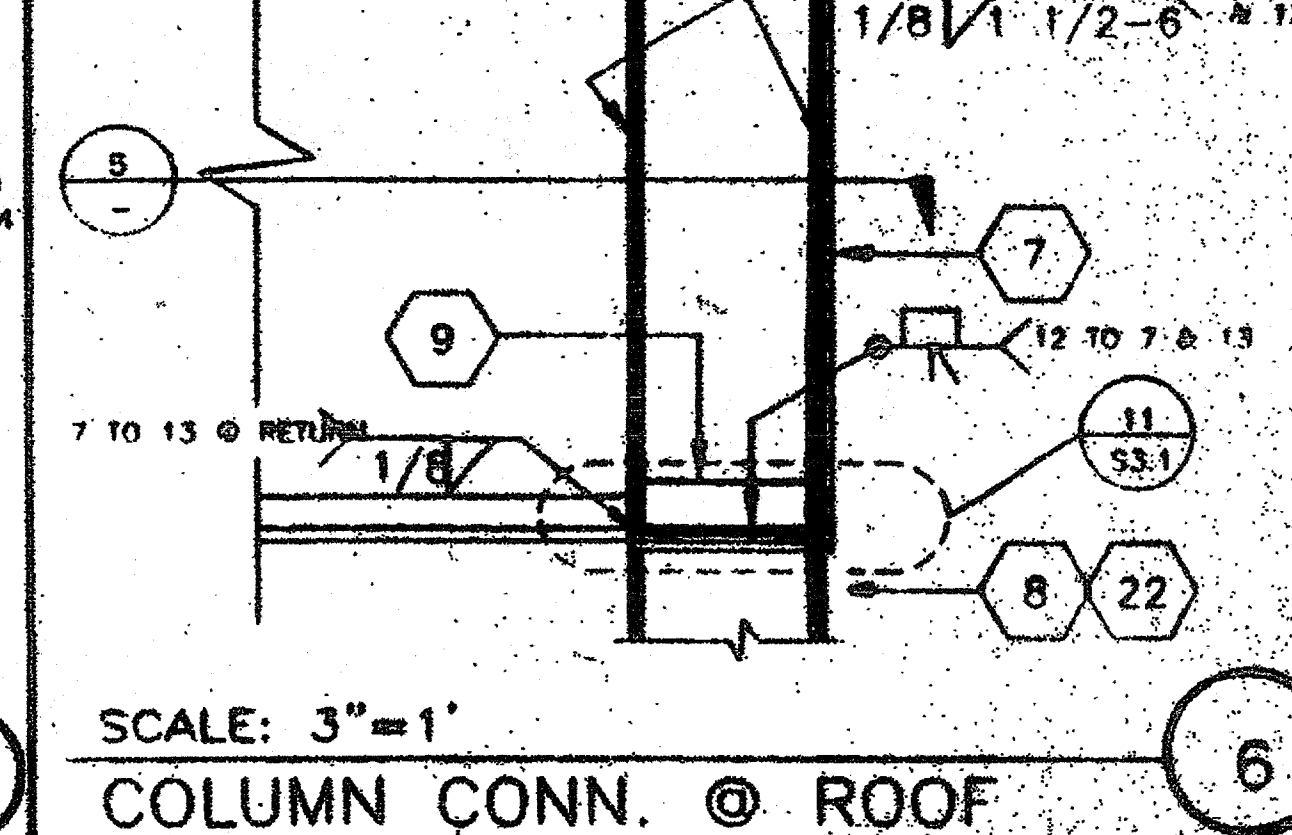
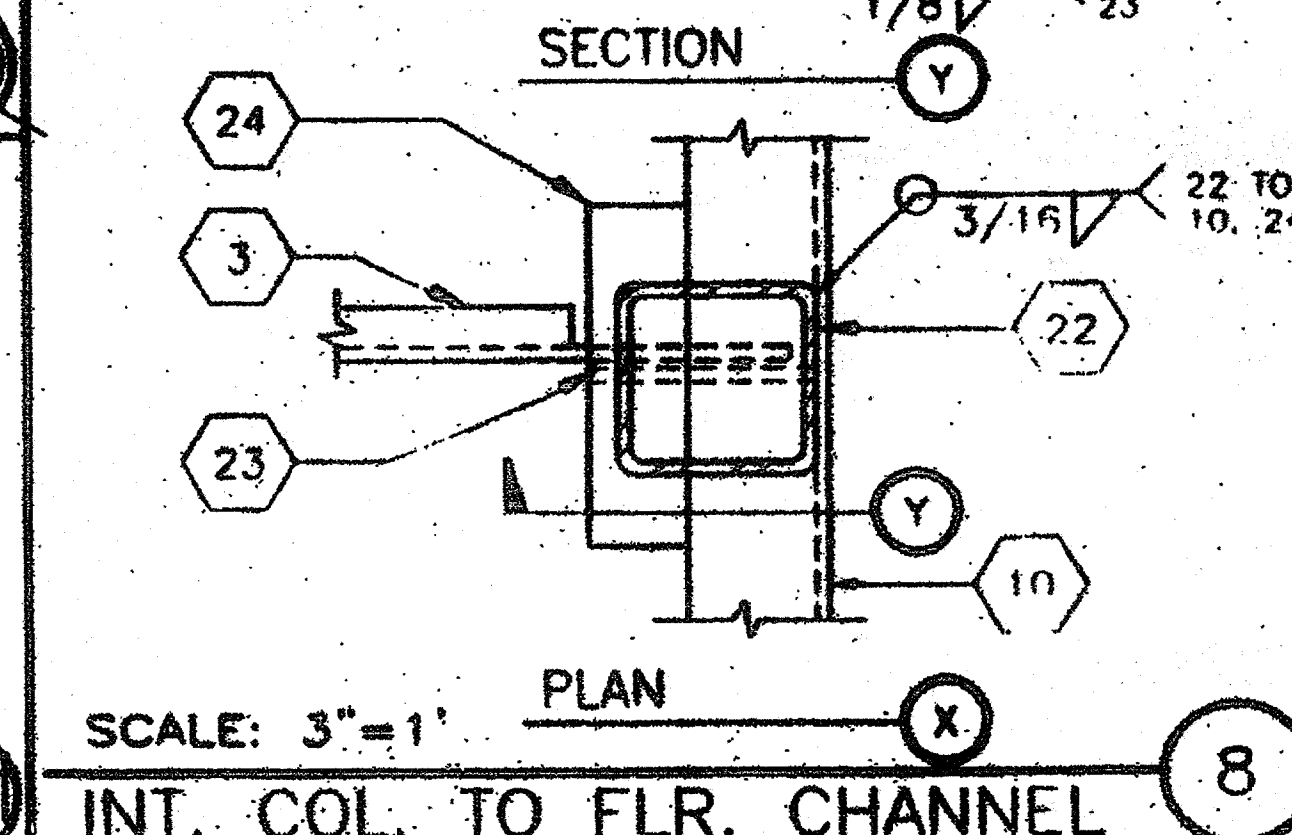
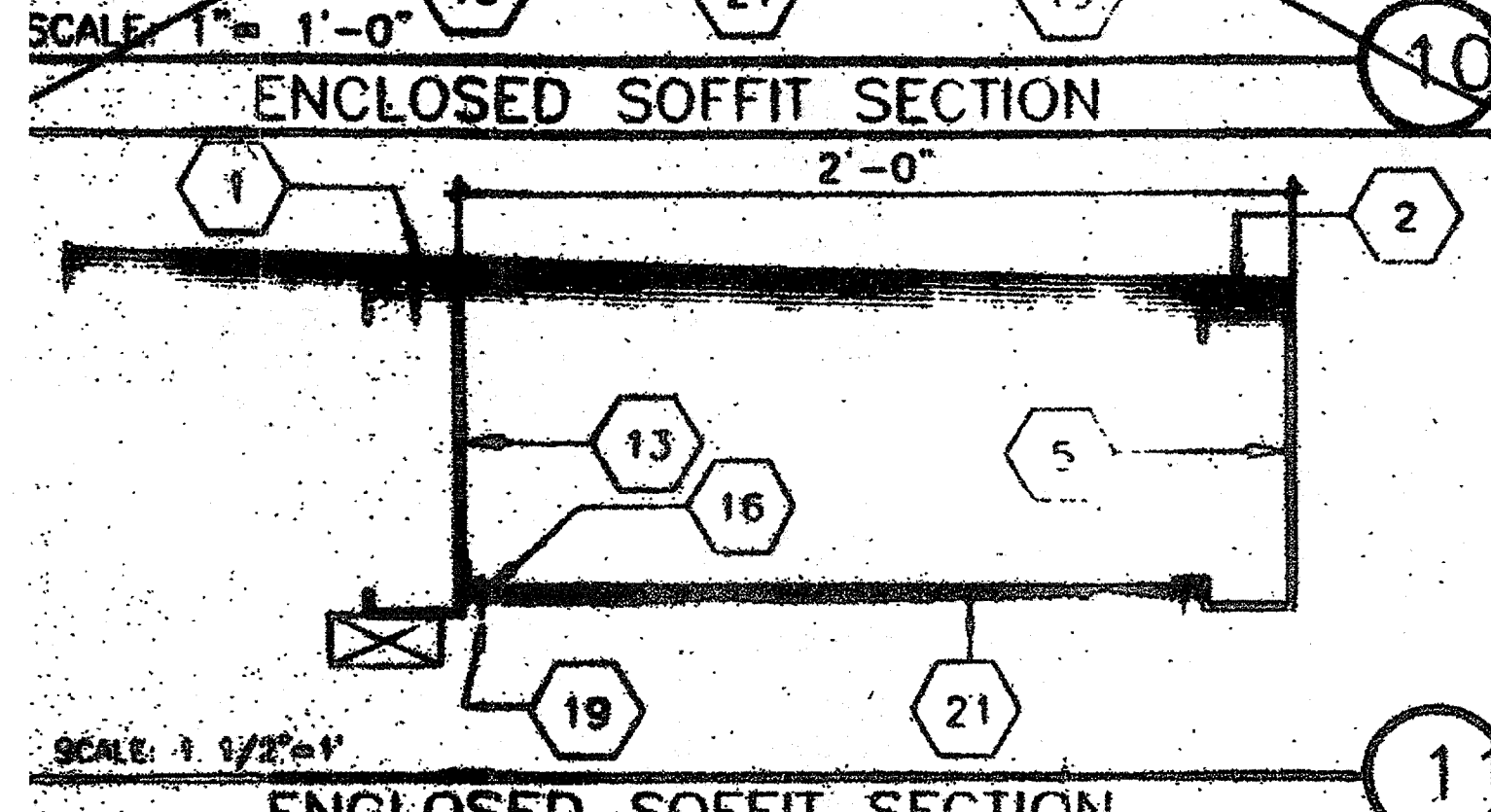
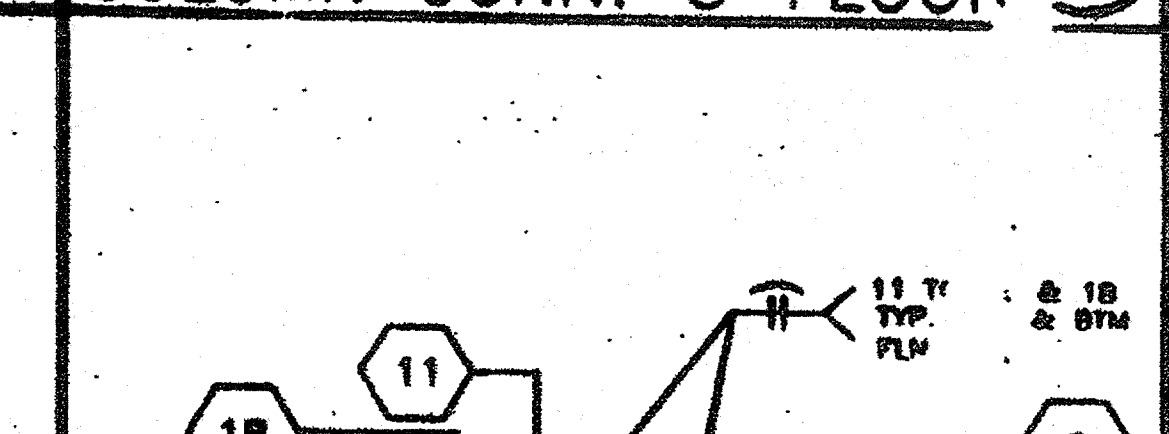
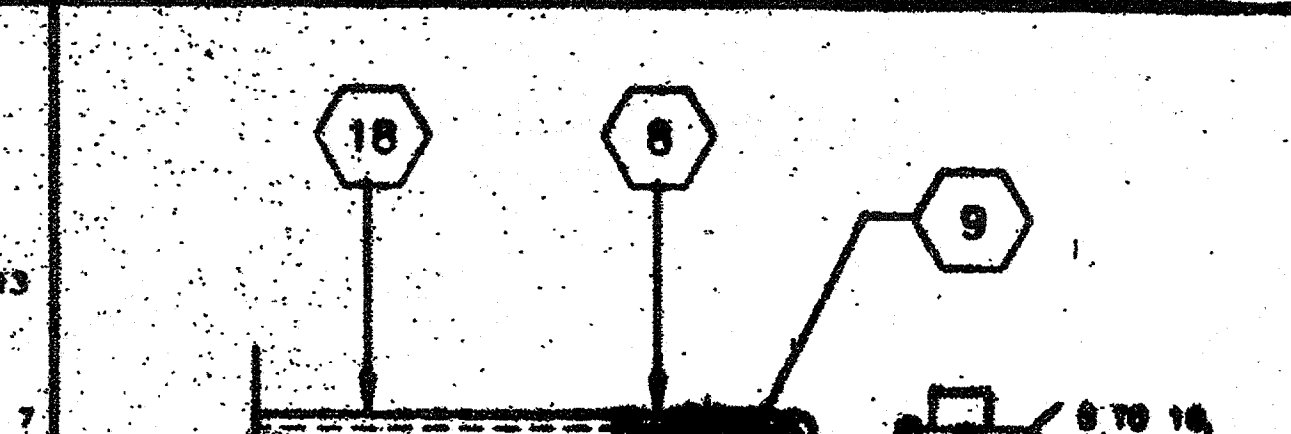
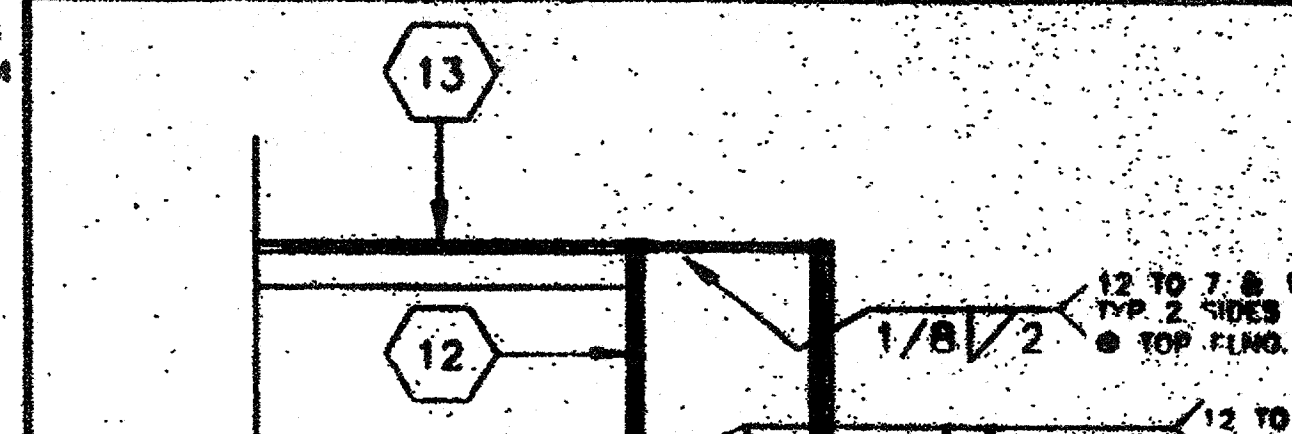
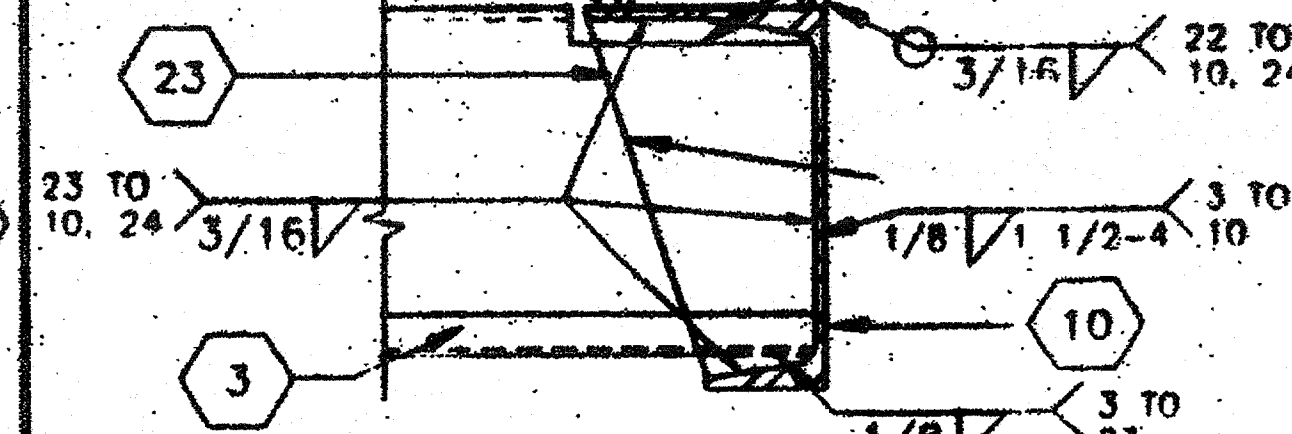
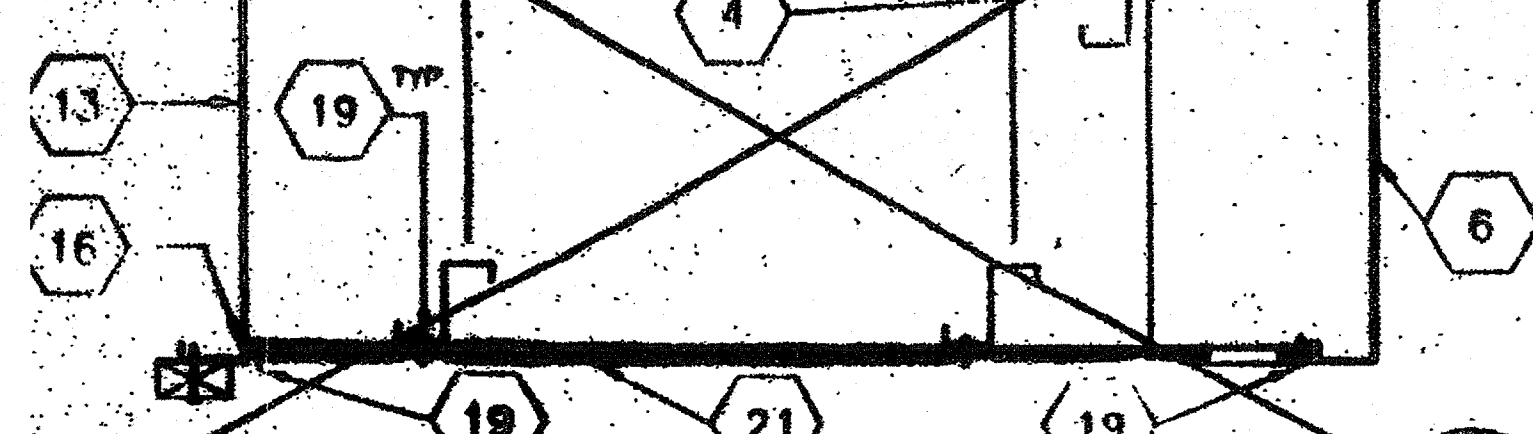
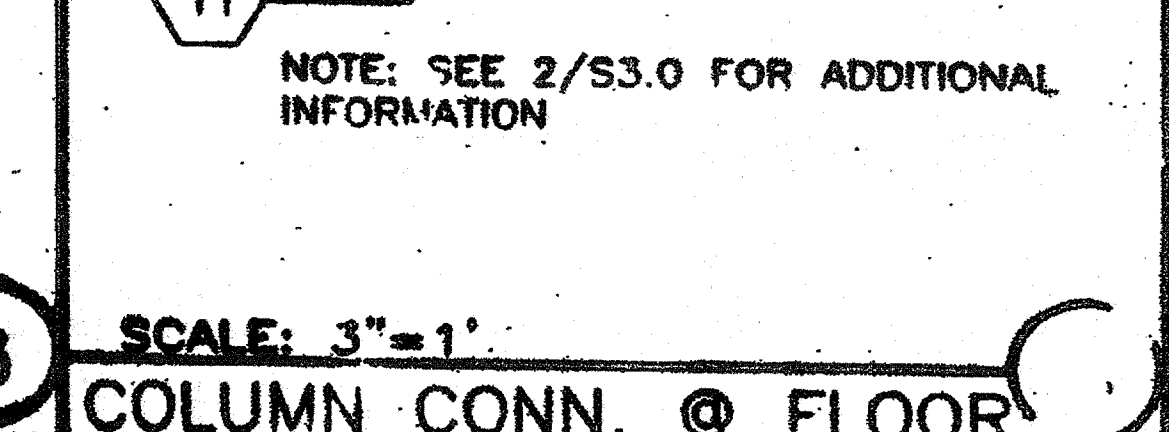
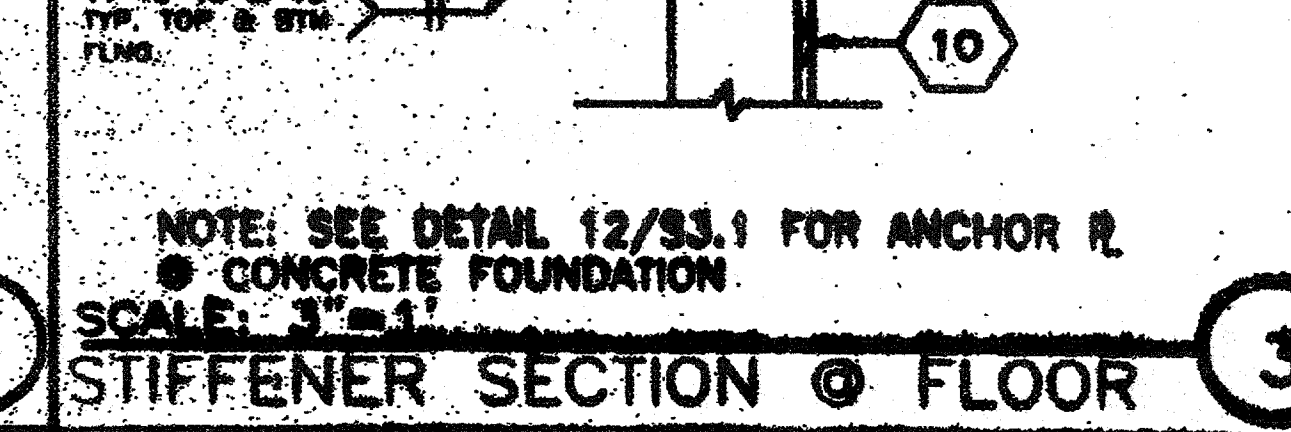
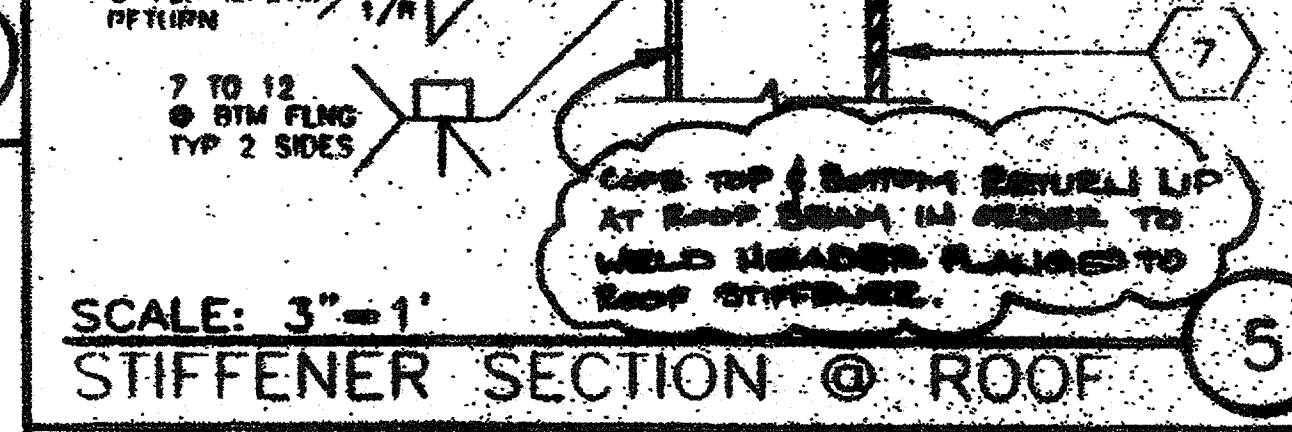
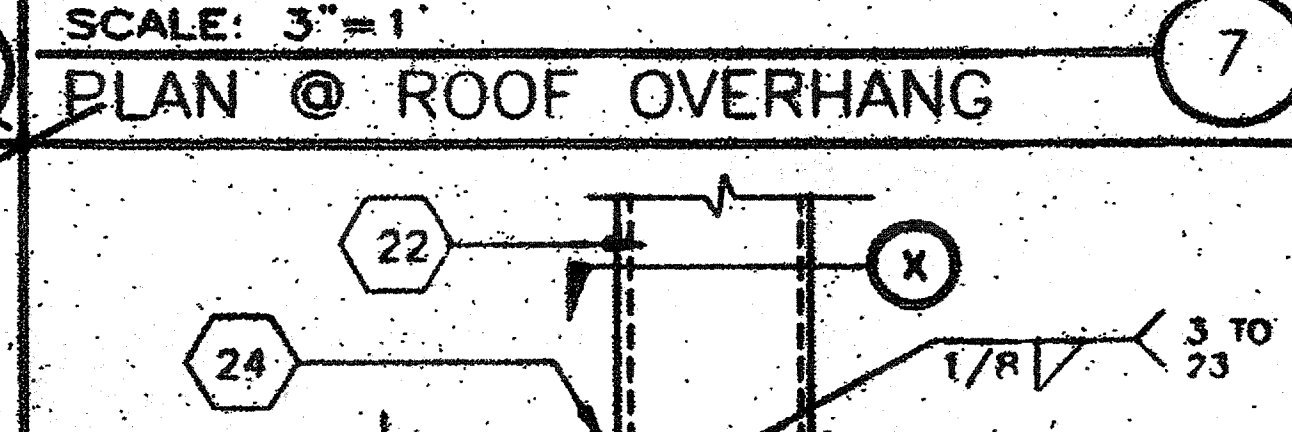
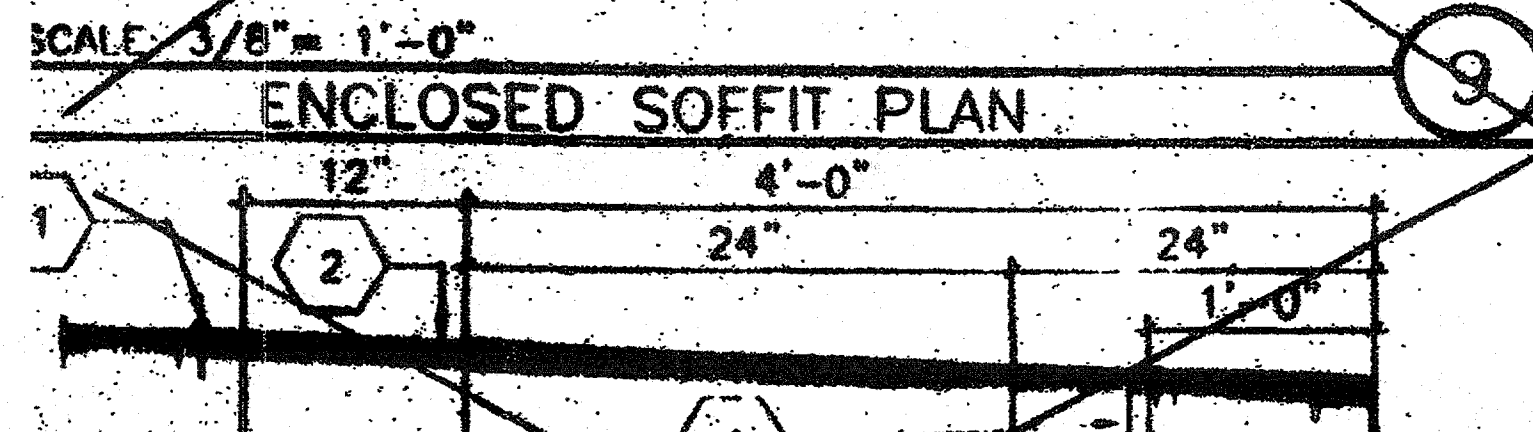
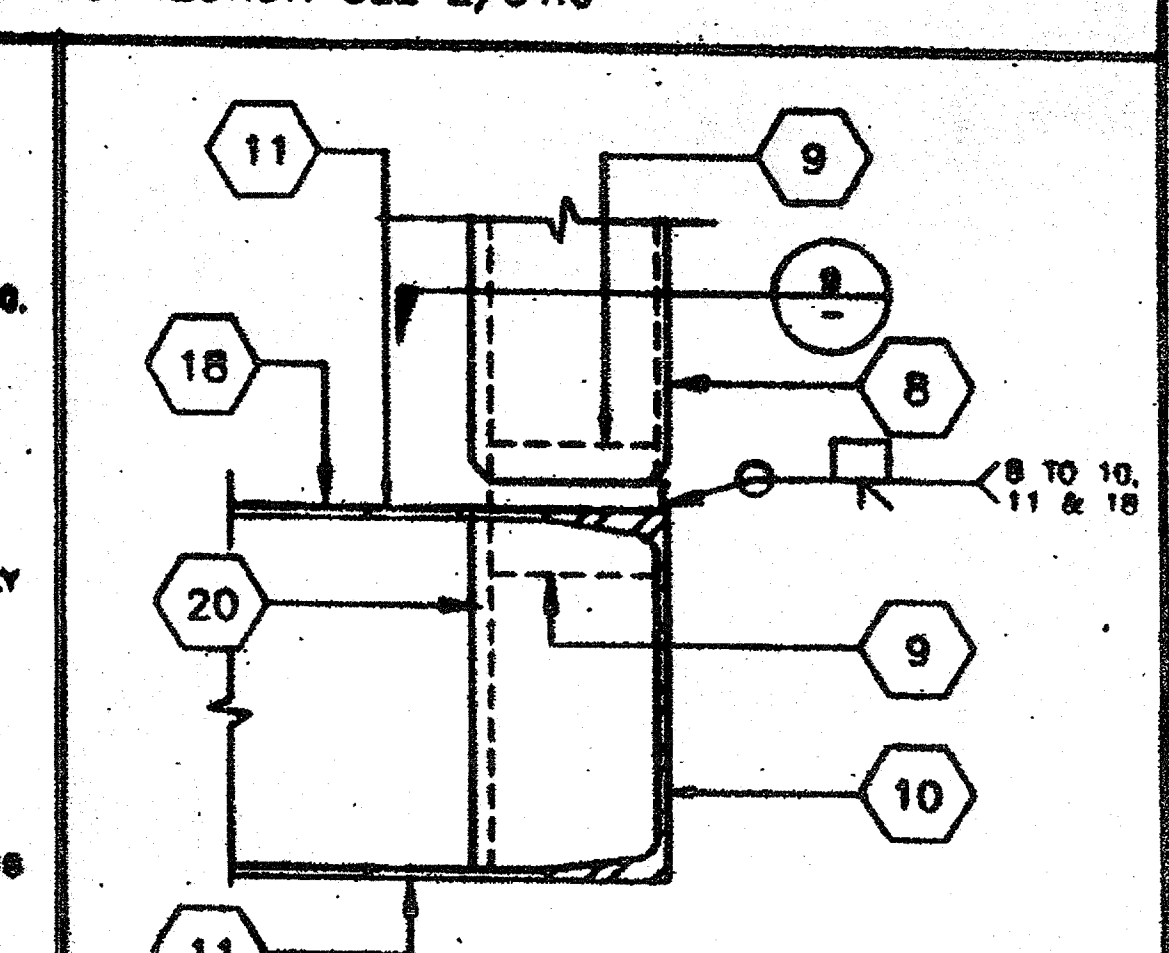
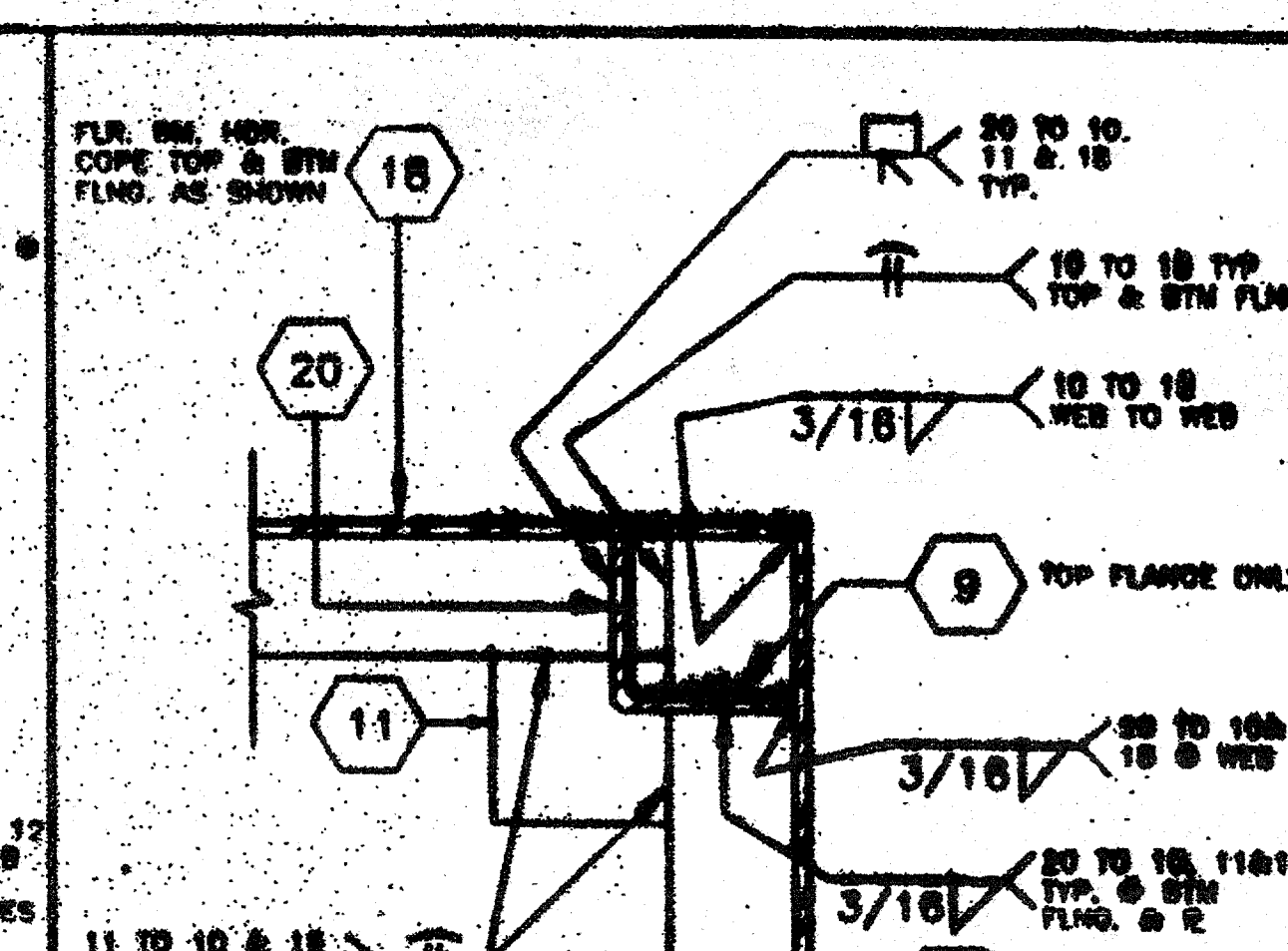
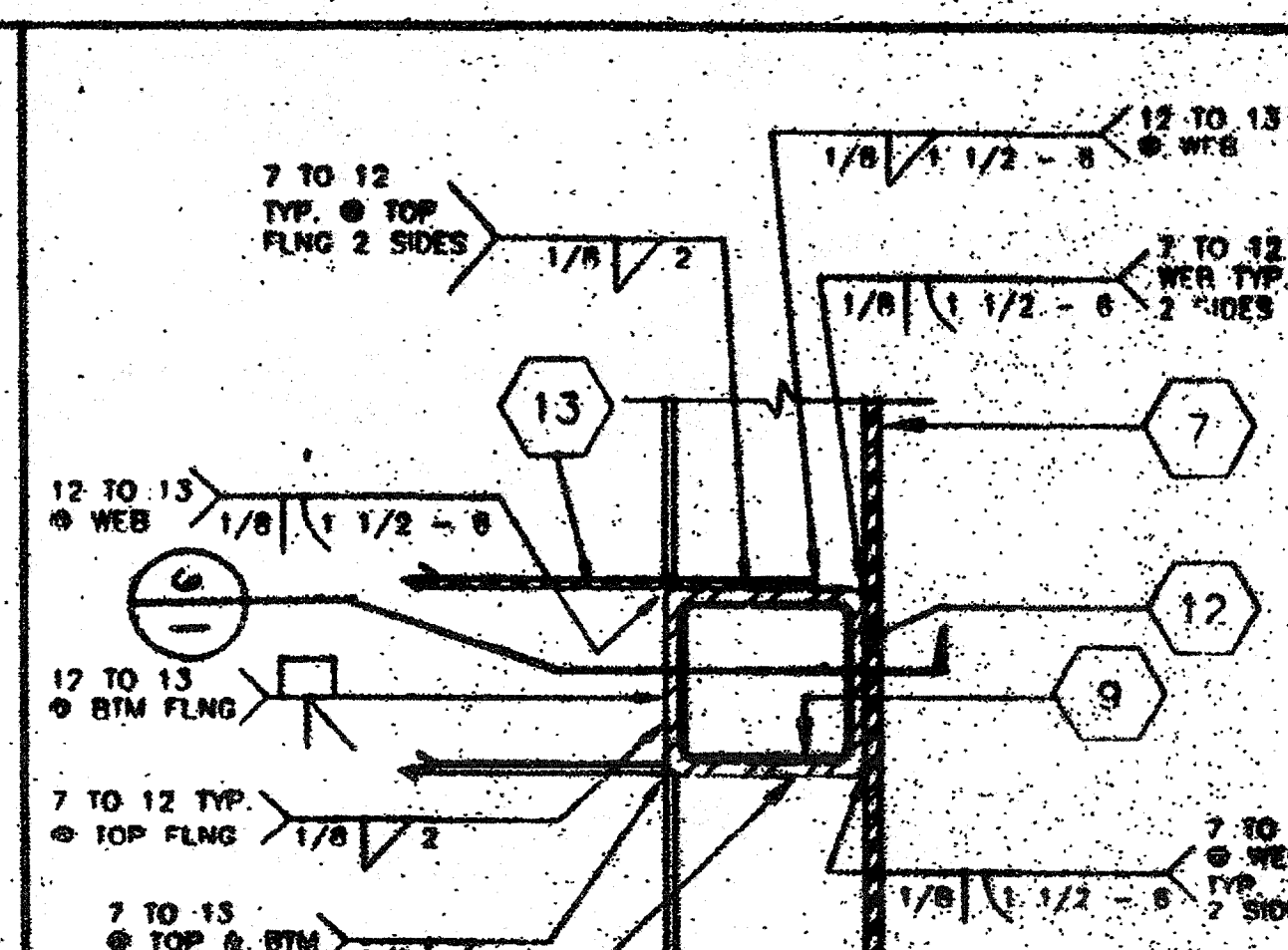
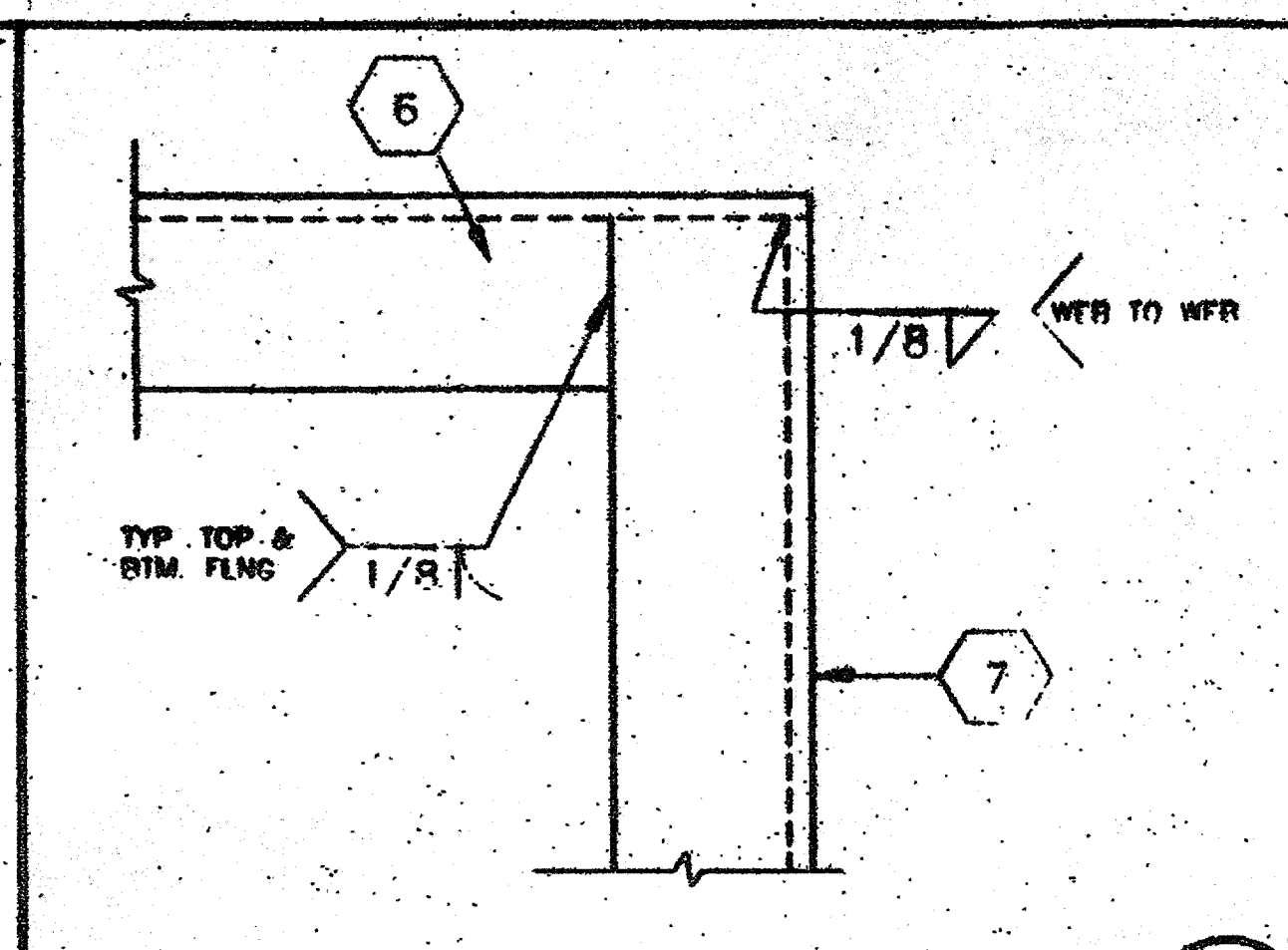
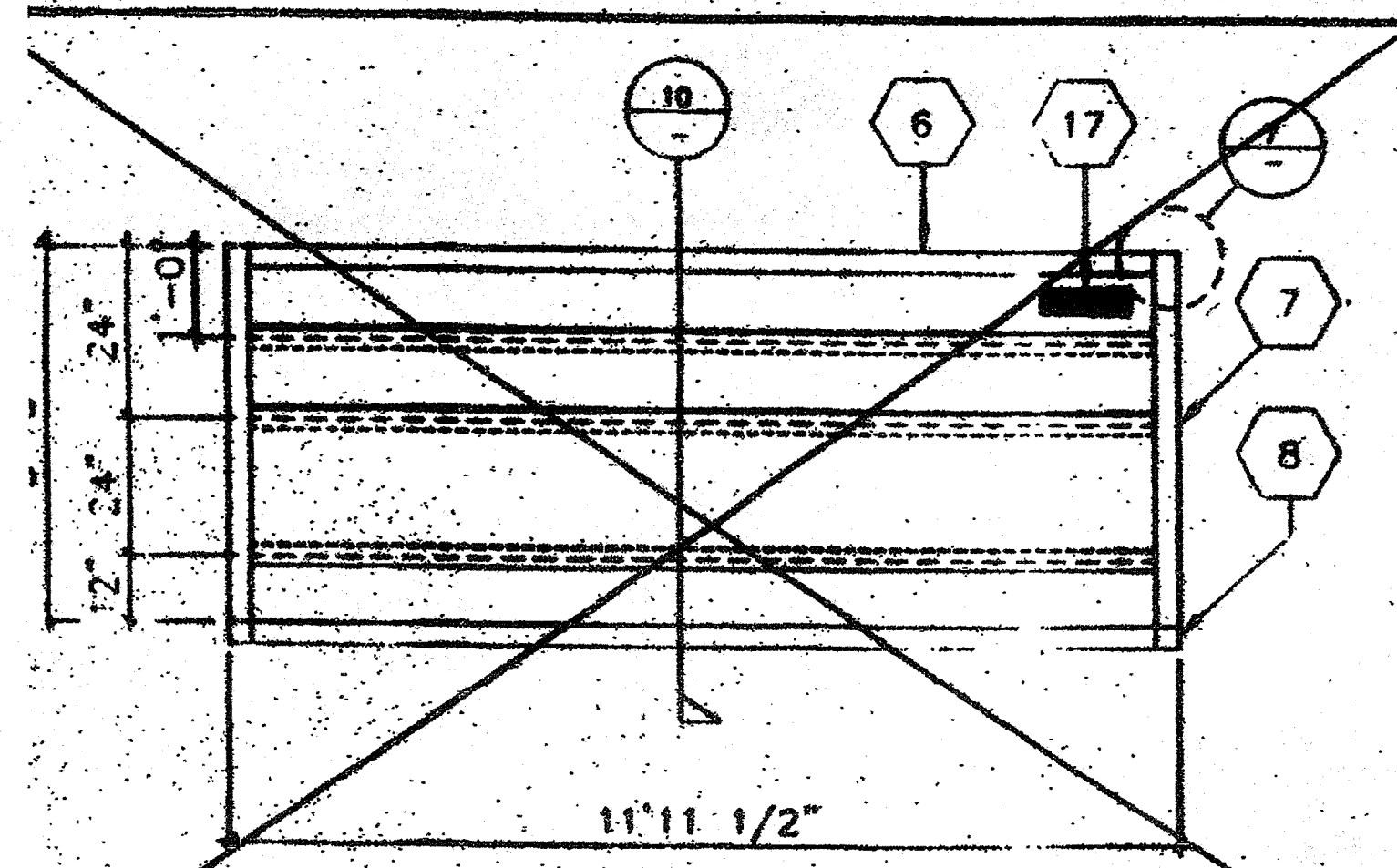
ROOF FRAMING PLAN BLDG TYPE 3
SCALE 1/4"=1'-0"

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY			JOB #2703-6A GLENDALE U.S.D. FRANKLINELEM. SCHOOL © MUDTECH INC. 1994	DRAWN BY: [Signature] DATE: 6-12-07 CHECKED BY: [Signature] DATE:
								ROOF FRAMING PLAN		S21

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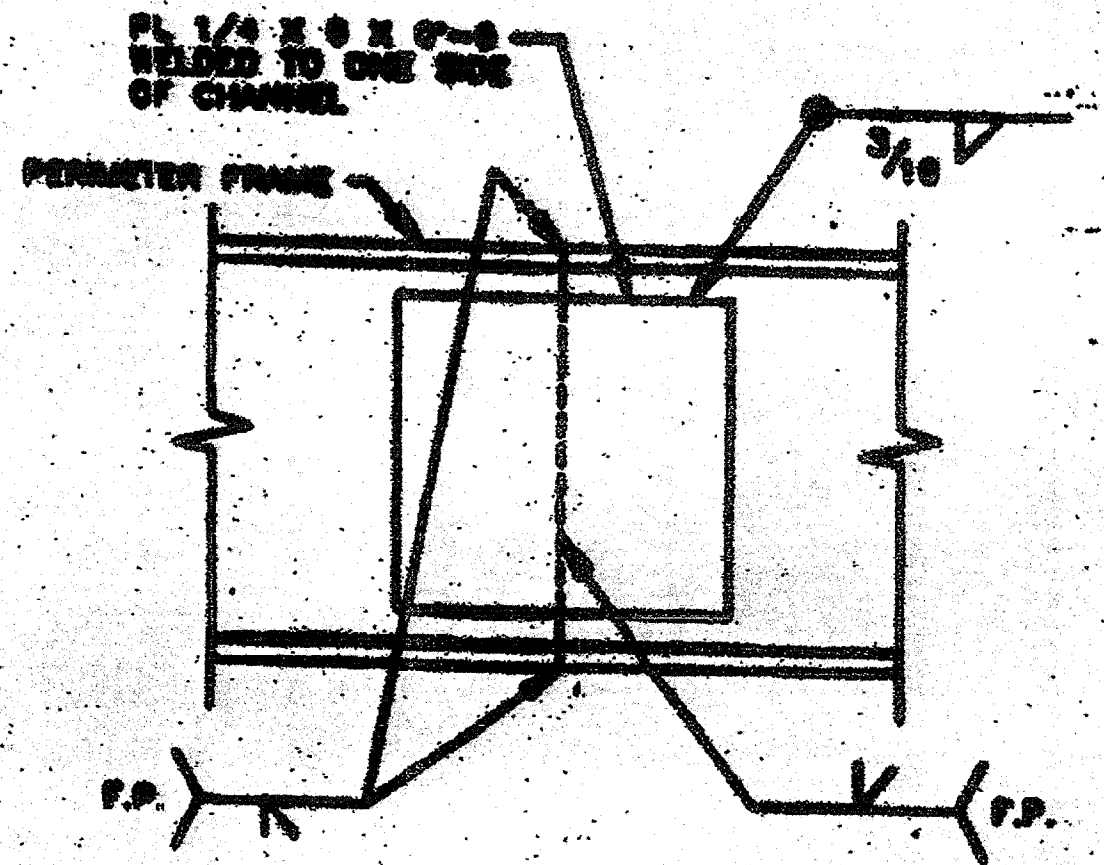


- ### KEY NOTES
- 1 EN @ PLYWOOD EDGES
 - 2 PLYWOOD ROOF SHEATHING
 - 3 6 3/8"X2 1/2"X12GA. FLR. JOIST 6/S3.1
 - 4 6X2 1/2"X14GA. ROOF PURLIN 2/S3.1
 - 5 [13 1/2"X4"X14GA. FACIA 4/S3.1 AT 2'-0" OVERHANG
 - 6 [12 3/4"X4"X14GA. FACIA 4/S3.1 AT 2'-0" OVERHANG
 - 7 [10 GA. TAPERED ROOF BEAM (SEE 7/S3.1) OR 1/S3.1 REFER TO RF. FRAMING PLAN
 - 8 4"X4"X1/4" COLUMN. ENDS
 - 9 BACK-UP PLATE MIN. 10 GA.
 - 10 [7X9.8 FLOOR CHANNEL
 - 11 3 1/2"X3 1/2"X1/4" STEEL PLATE WELDED FLUSH TO TOP AND BOTTOM OF CHANNEL FLANGES
 - 12 SECTION OF 4"X4"X1/4" TUBE STEEL COPE TO FIT ROOF BEAM
 - 13 FASCIA HEADER SEE 4/S3.1
 - 14 LOCATION OF HVAC
 - 15 10 GA. FULL DEPTH STIFFNER PLATE AT 4'-0" O.C. ALIGN W/ & WELDED TO PURLIN
 - 16 1/2"X 1 1/2"X16 GA < TACK WELD IN PLANT
 - 17 SCREENED VENT OPENING (4"X14")
 - 18 [7X9.8 FLOOR HEADER
 - 19 #10 S/SMS @ 6" O.C. TYP. @ EN & 12" O.C. FN (ALT. AEROSMITH AKN 144 '75 DRIVE PIN)
 - 20 4"X4"X1/4" TUBE STEEL CUT T. FIT FLOOR BEAM
 - 21 SOFT T PLYWOOD
 - 22 3 1/2"X3 1/2"X1/4" COLU AND MODULE LINE
 - 23 1/4" GUSSETT PLATE CEN ON COLUMN
 - 24 3 1/2"X6"X1/4" STEEL PLATE WELDED FLUSH TO TOP OF CHANNEL FLANGE

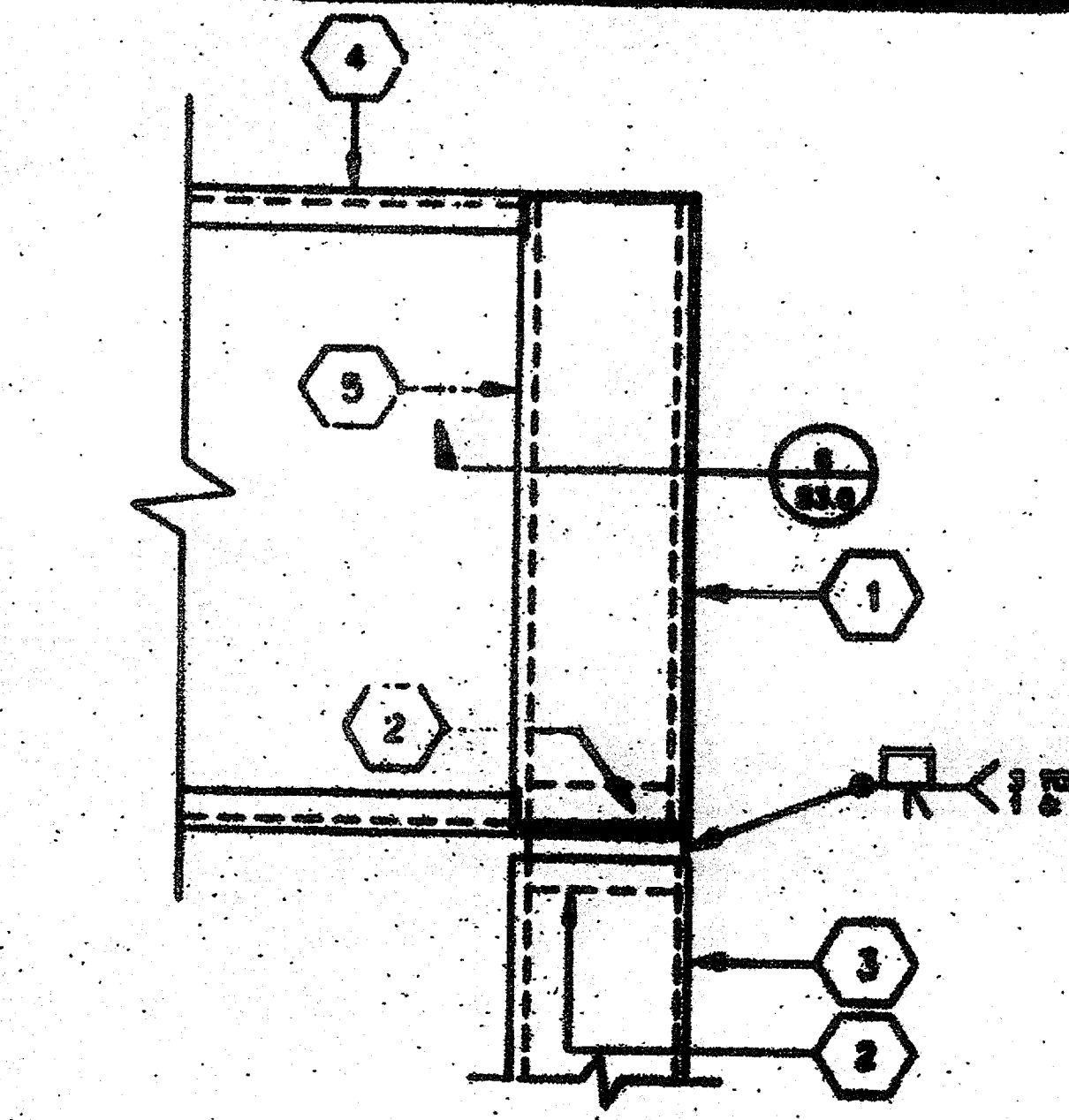


REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT				JOB NO 2703-G GLENDALE, U.S.D. FRANKLIN E. S.	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT No. C7172 Date JUL 18 2015	Drawn by DATE 1-13-97 CHECKED BY DATE 5308
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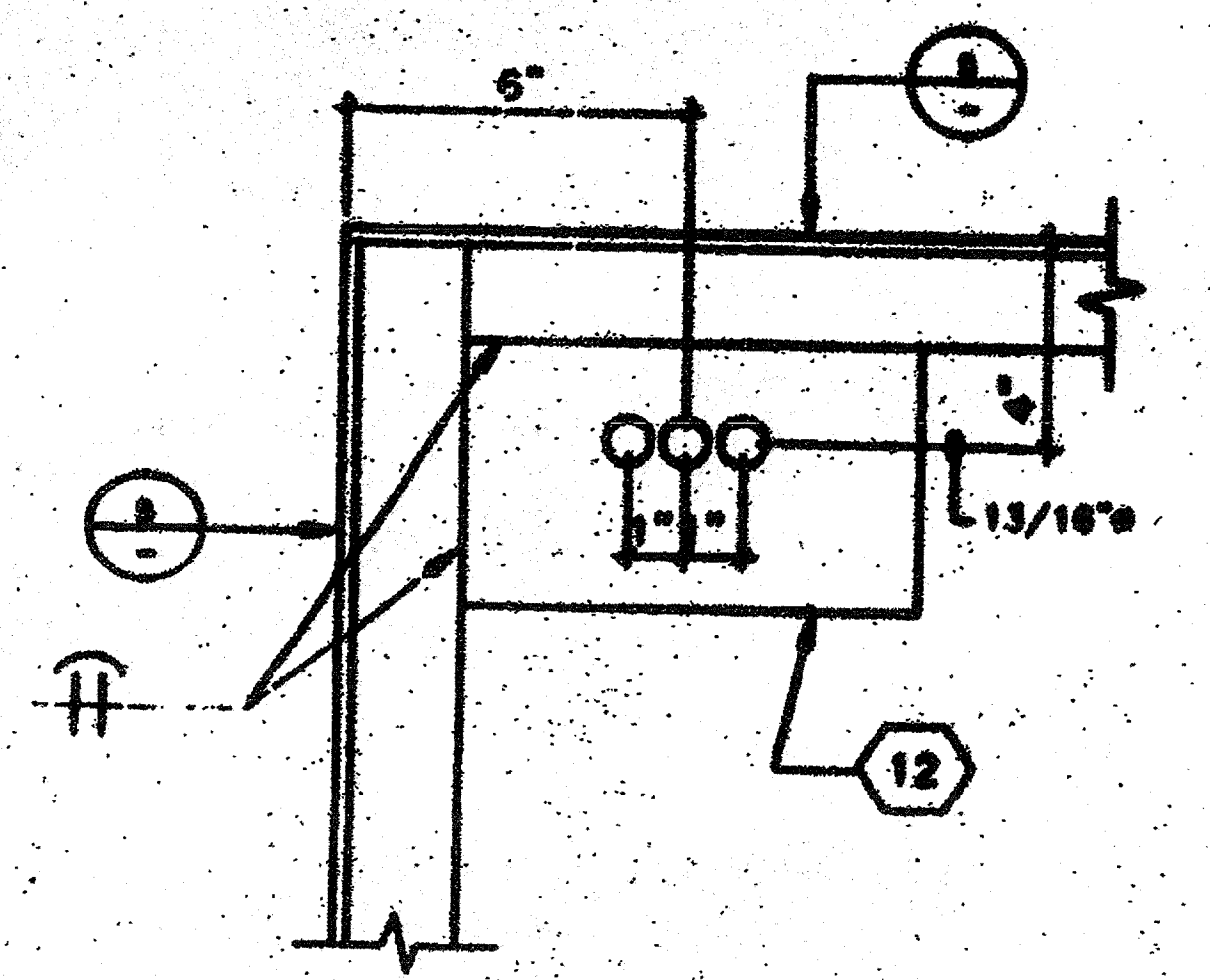
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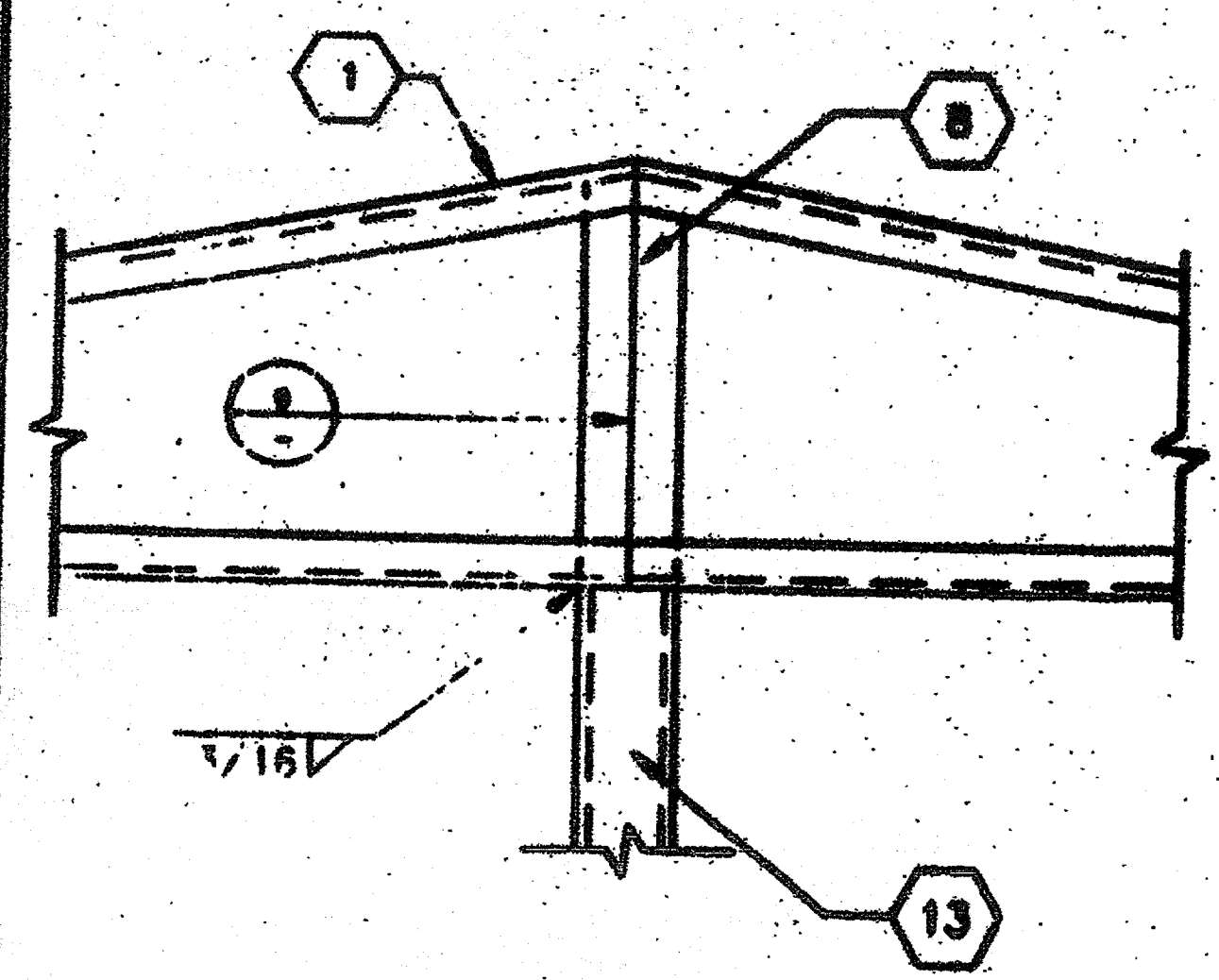
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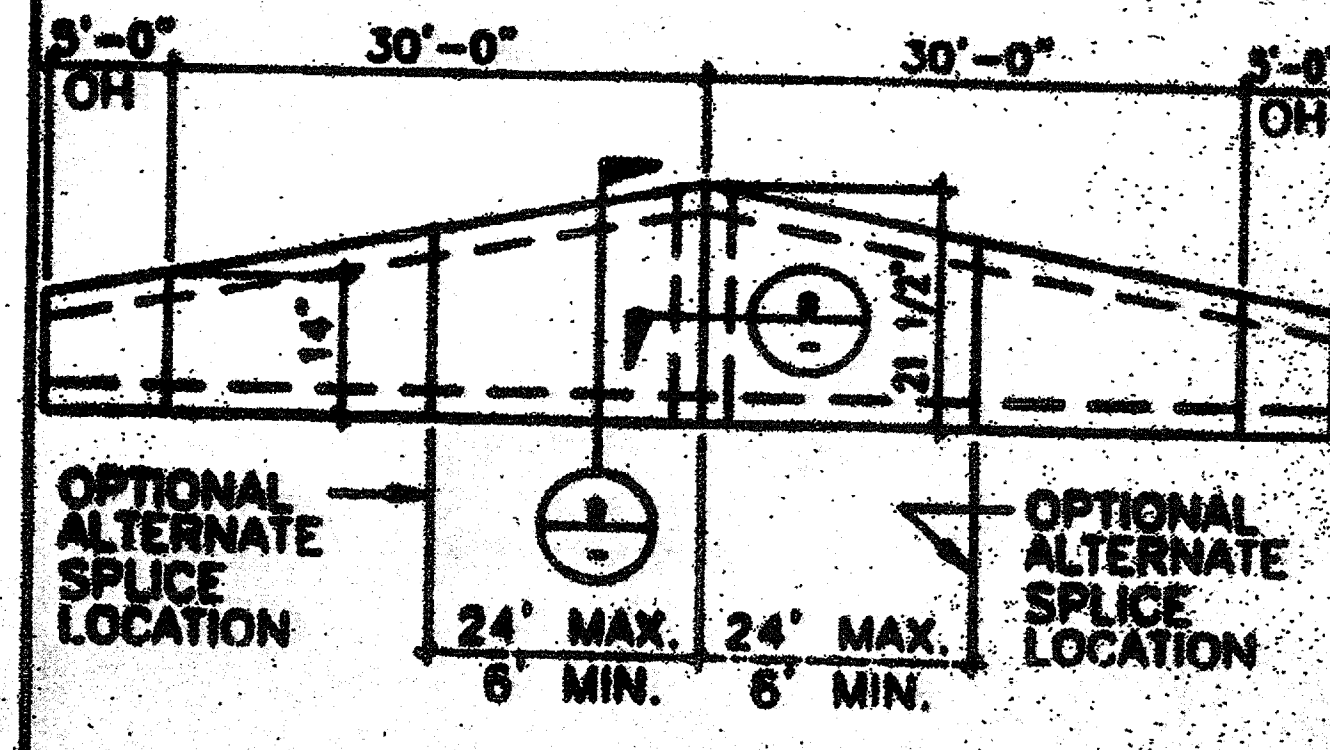
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COLUMN CONN. @ ROOF 11



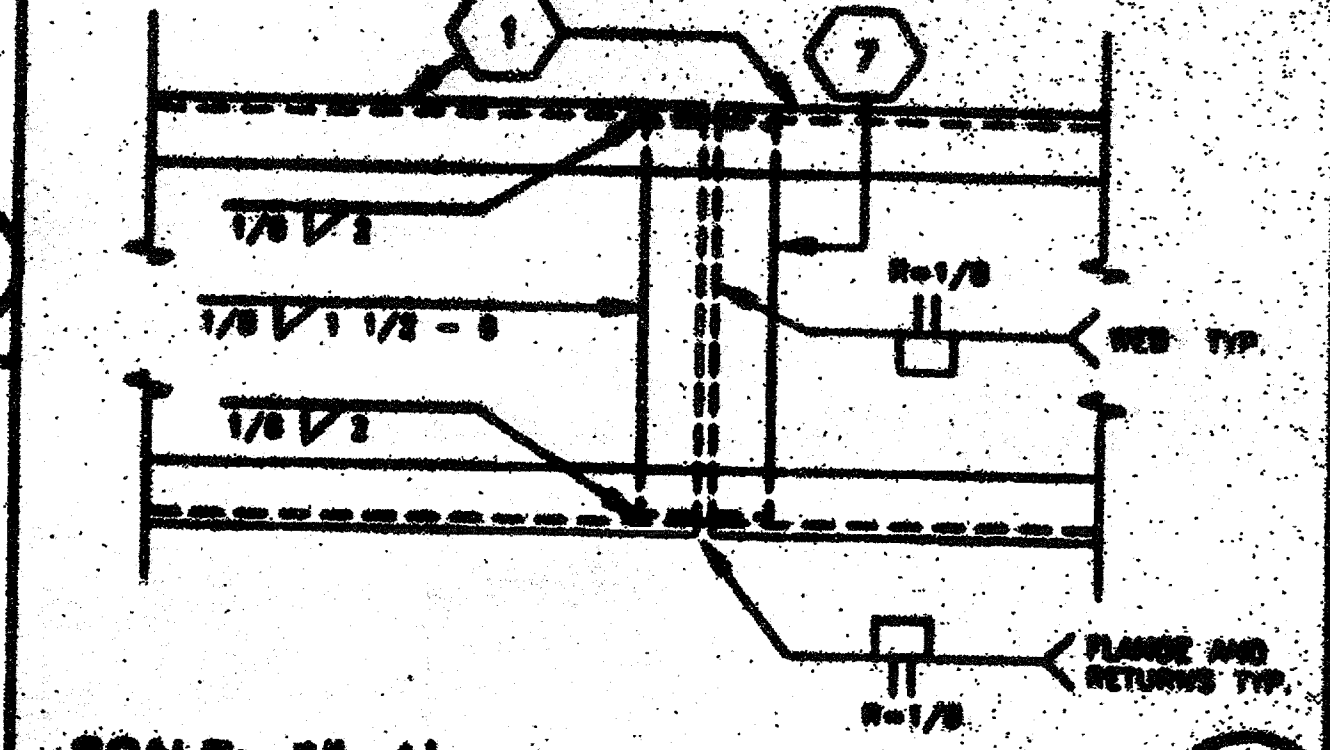
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ANCHOR PLATE @ CONC. FOUND. 12



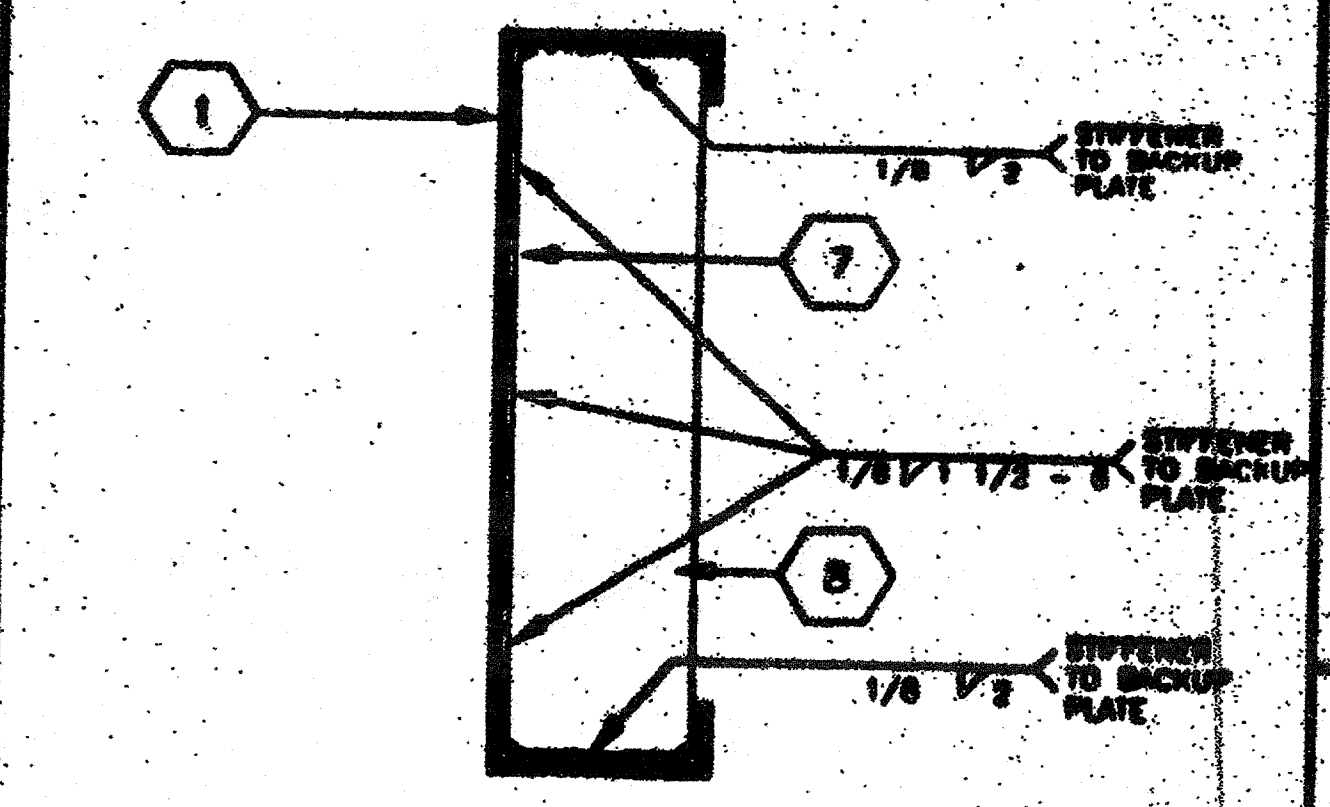
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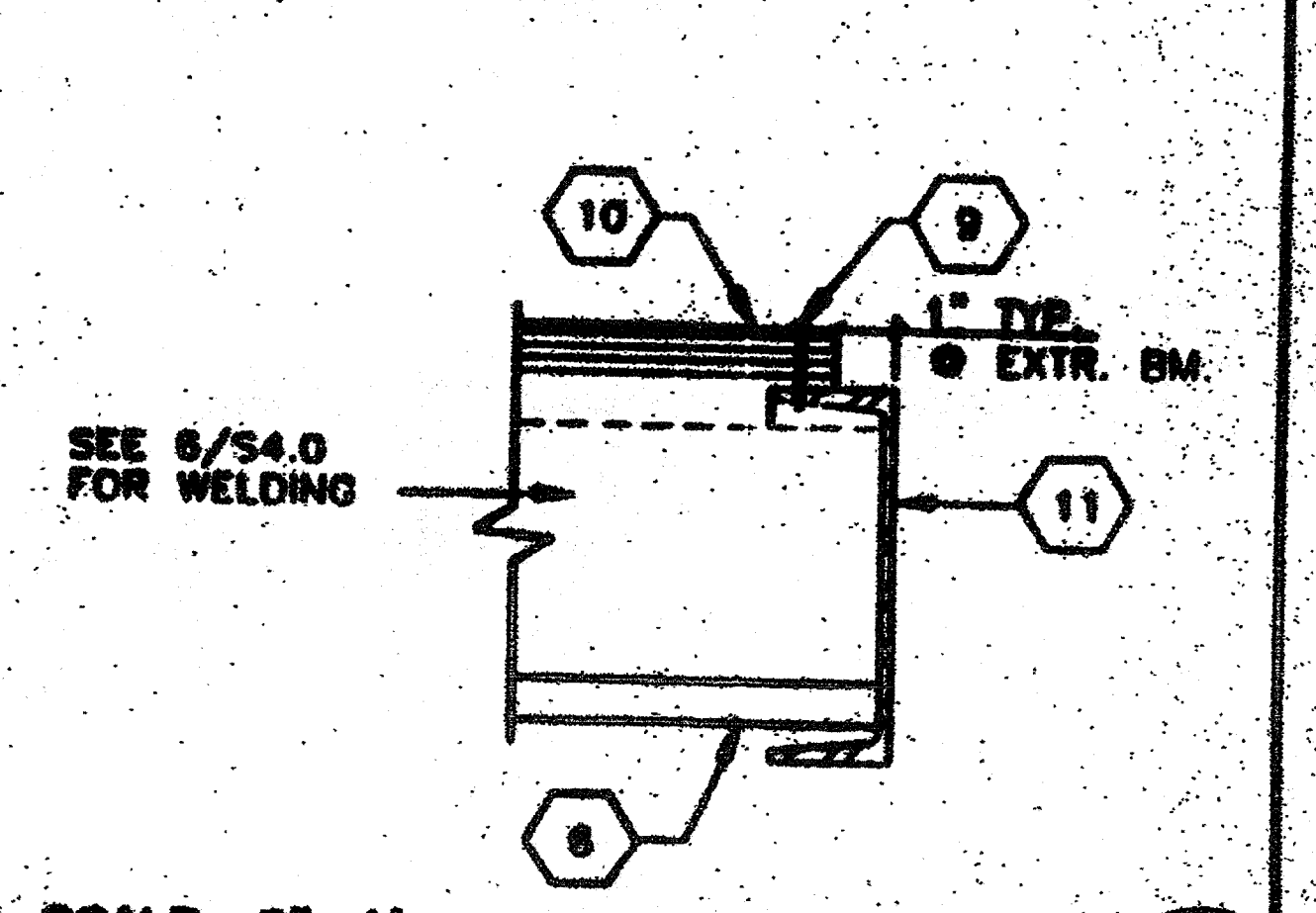
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FASCIA @ SIDEWALL 7



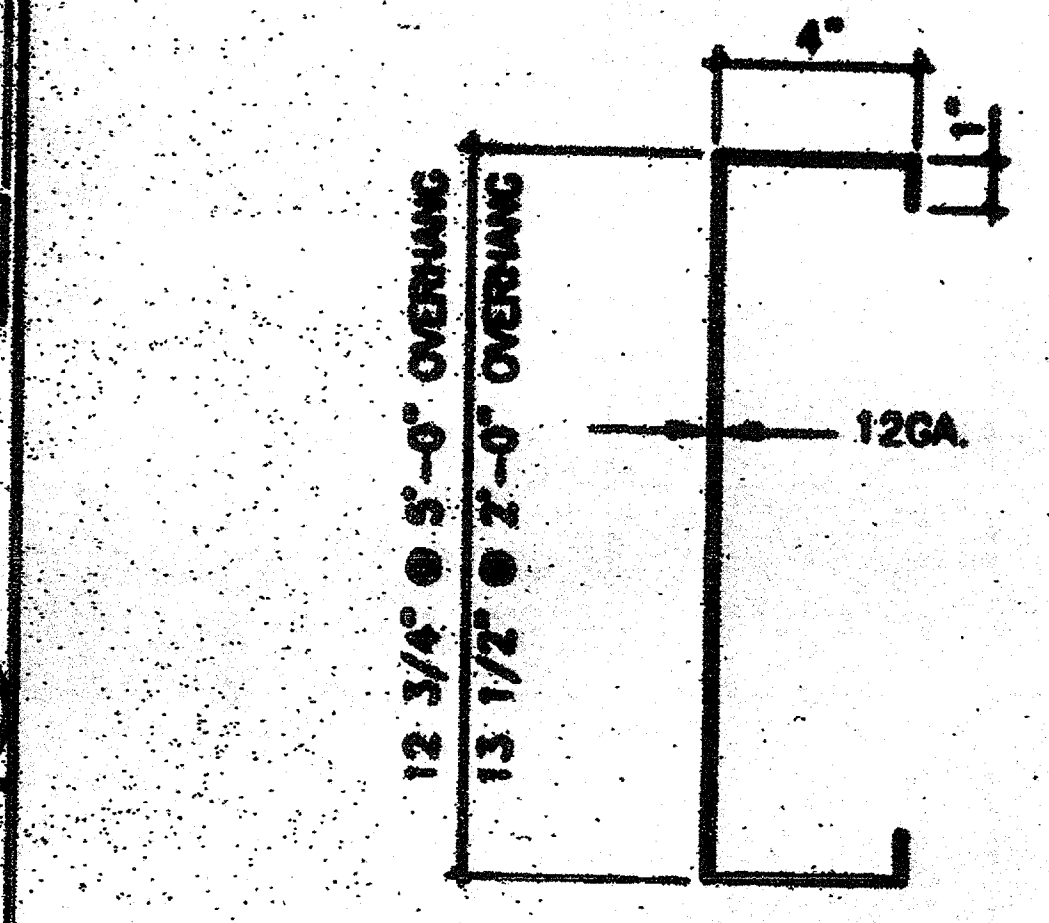
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BEAM SPLICE 8



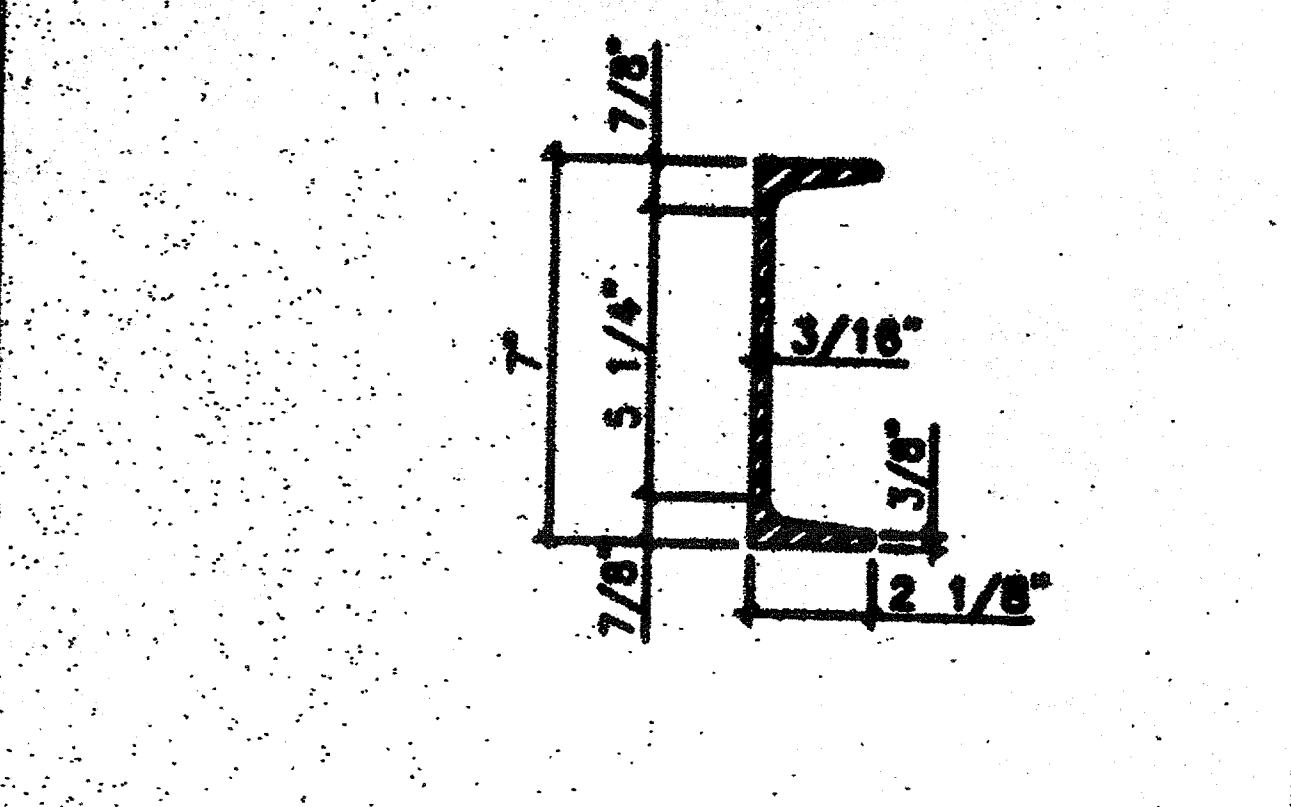
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BEAM SPLICE W/STIFFENER 9



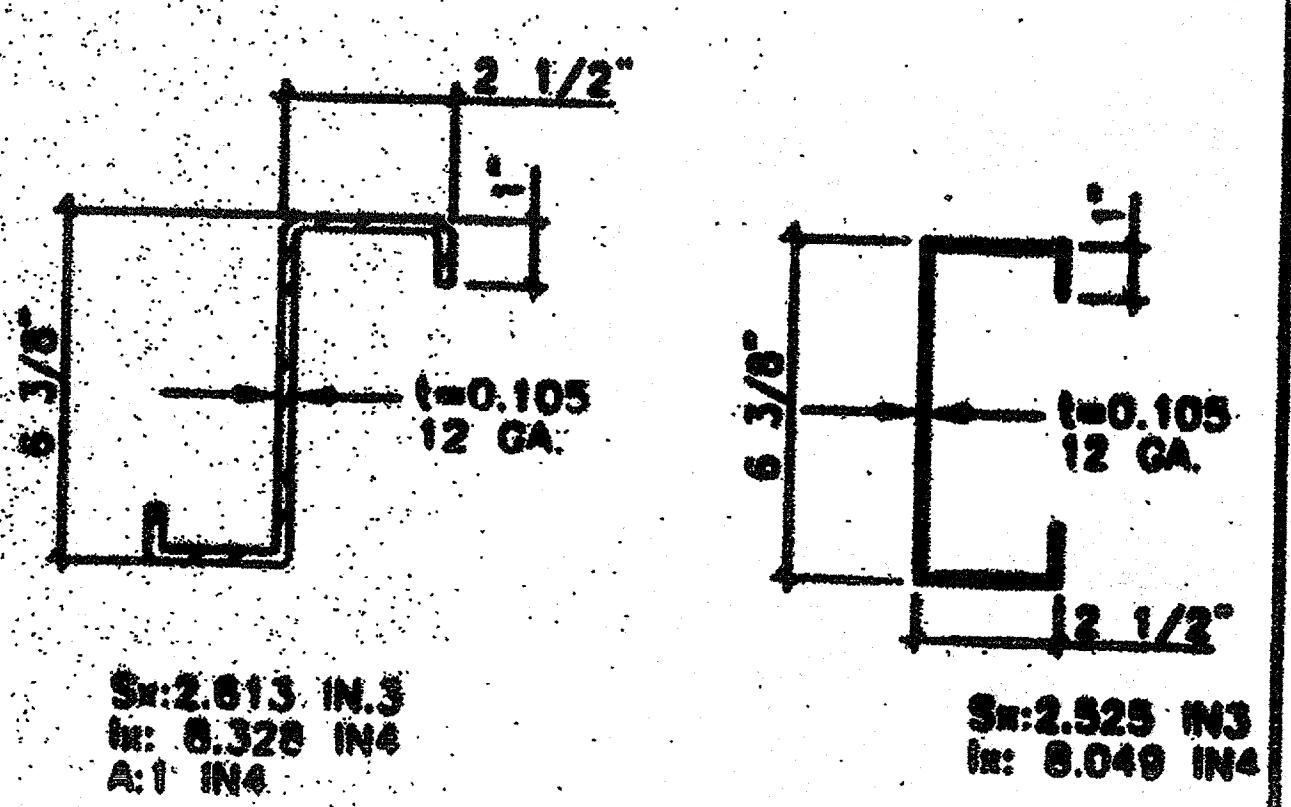
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FLOOR @ FLOOR BEAM 10



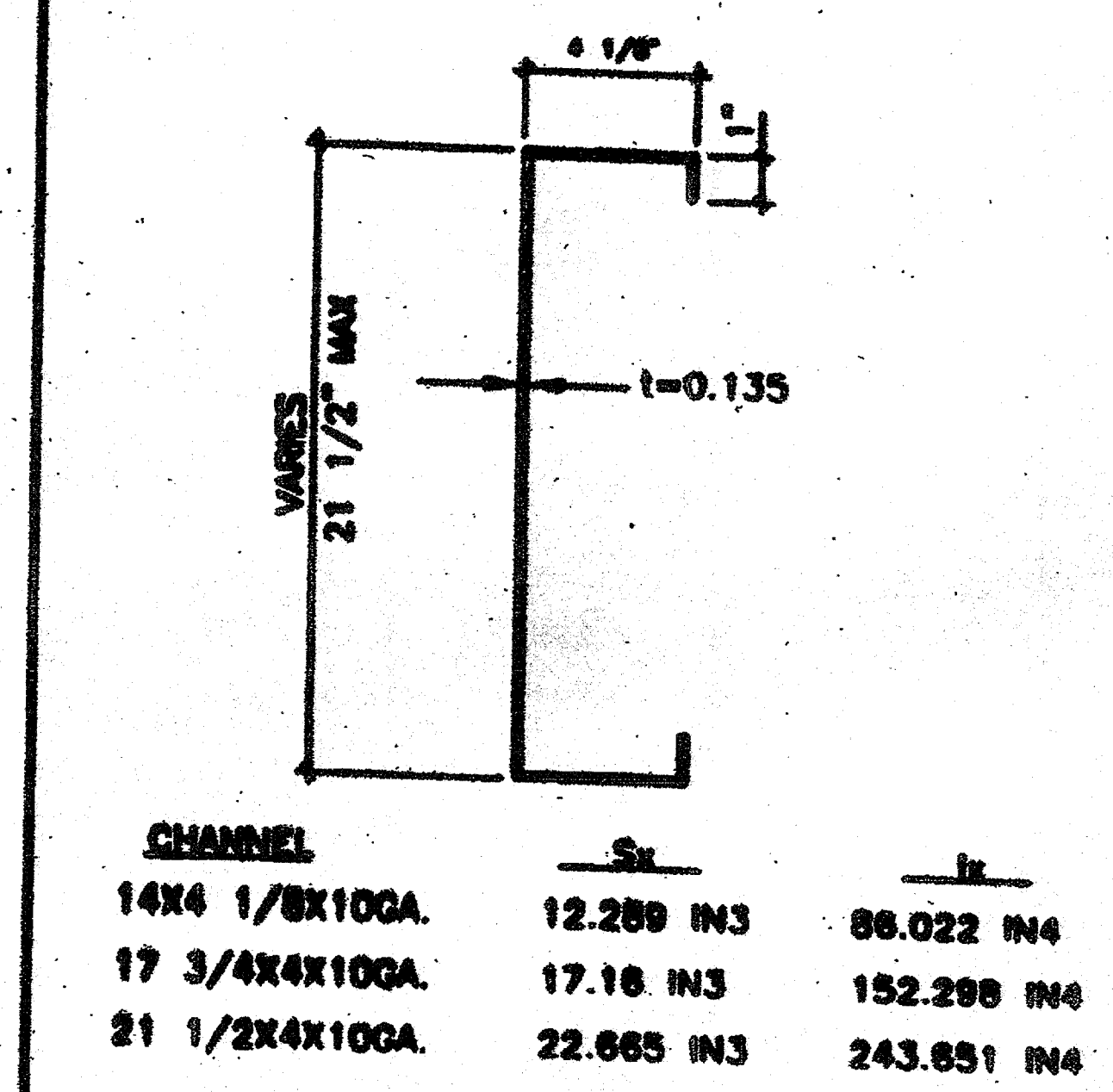
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FASCIA @ HEADER 4



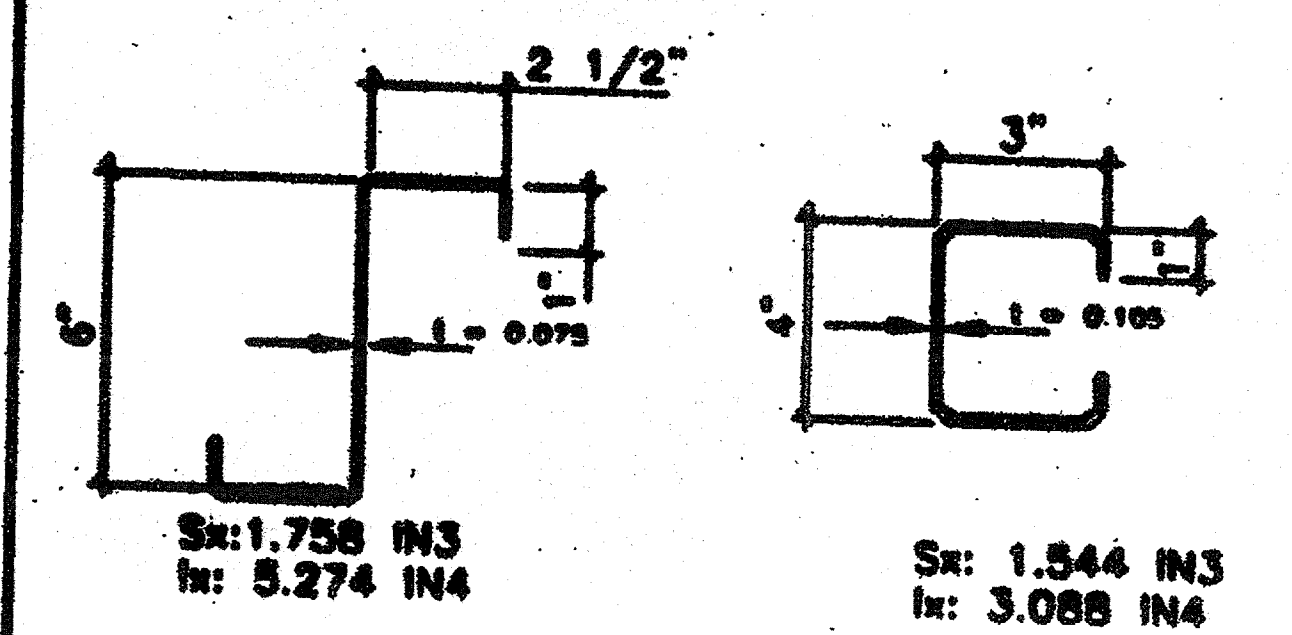
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FLOOR BEAM C7X9.8 5



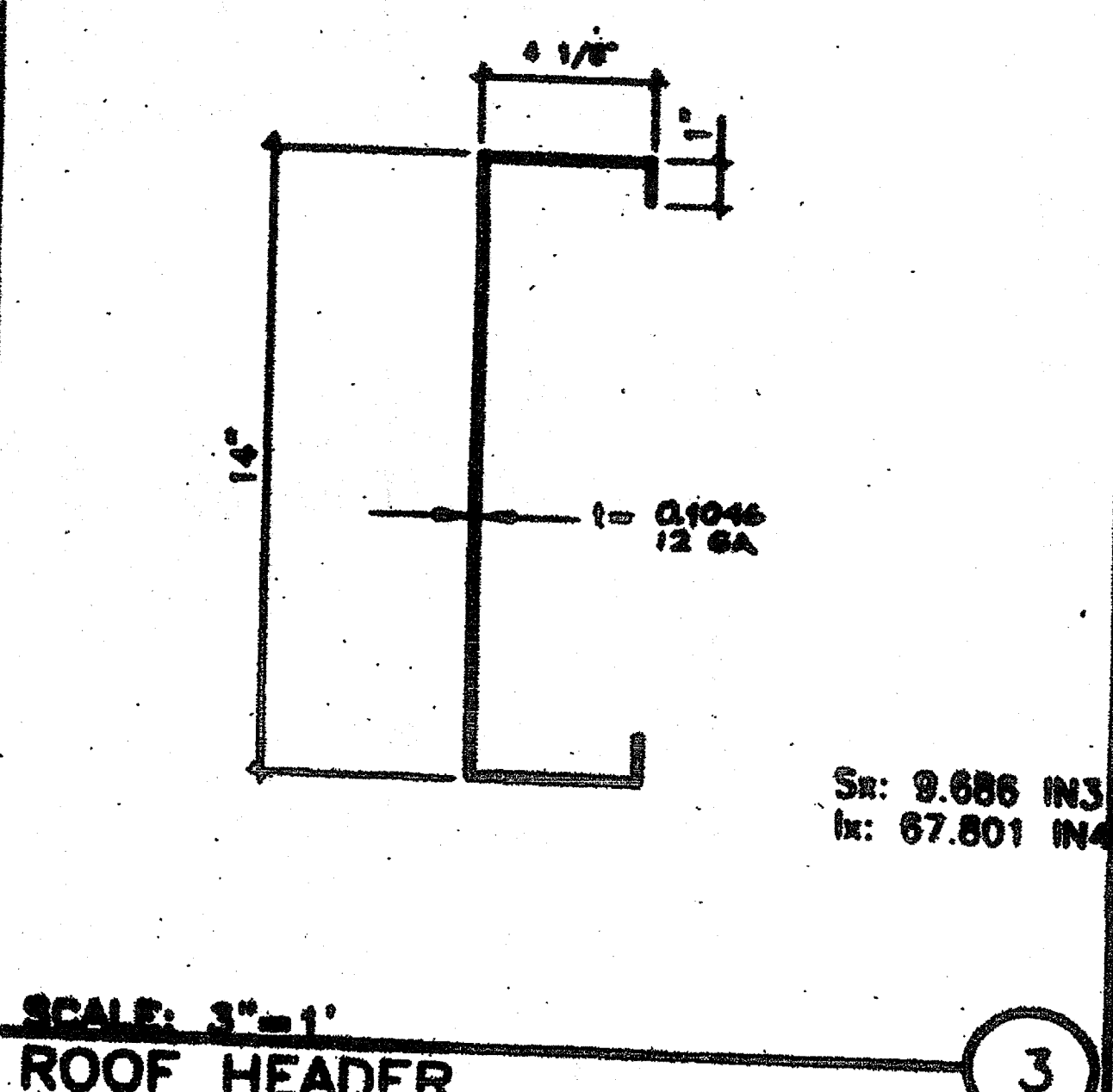
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FLOOR JOIST 6



SCALE: 3"=1'
FACIA 1



SCALE: 3"=1'
ROOF PURLIN 2

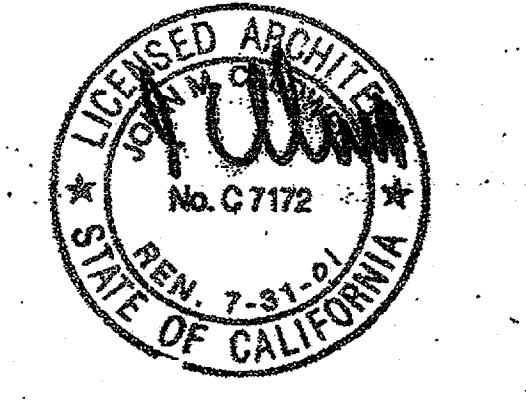


SCALE: 3"=1'
ROOF HEADER 3

- KEY NOTES**
- 1 10GA. TAPERED RF. BM. SEE 1/53.1 & 7/53.1
 - 2 BACK-UP PLATE MIN. 10GA.
 - 3 4"X4"X1/4" COLUMN
 - 4 C 14"X12GA. RF HDR. SEE 3/53.1
 - 5 4"X4"X1/4" TUBE COPE TO FIT RF. BM
 - 6 FLOOR JOIST SEE 6/53.1
 - 7 10GA. BENT PLATE BACK-UP
 - 8 10 GA. STIFFENER @ 4'-0" O.C.
 - 9 #10 STMS @ 6" O.C. (SEE S1.0 4)
 - 10 PLYWOOD FLR. SHEATHING
 - 11 FLOOR BEAM SEE 5/53.1
 - 12 5"X8"X1/4"?
 - 13 3 1/2"X3 1/2"X1/4" COLUMN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 03 117210
AC/FLS - SS
Date JUL 1 0 2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPROVED: [Signature]
AC: [Signature]
DATE: [Signature]



VISIONS

ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT

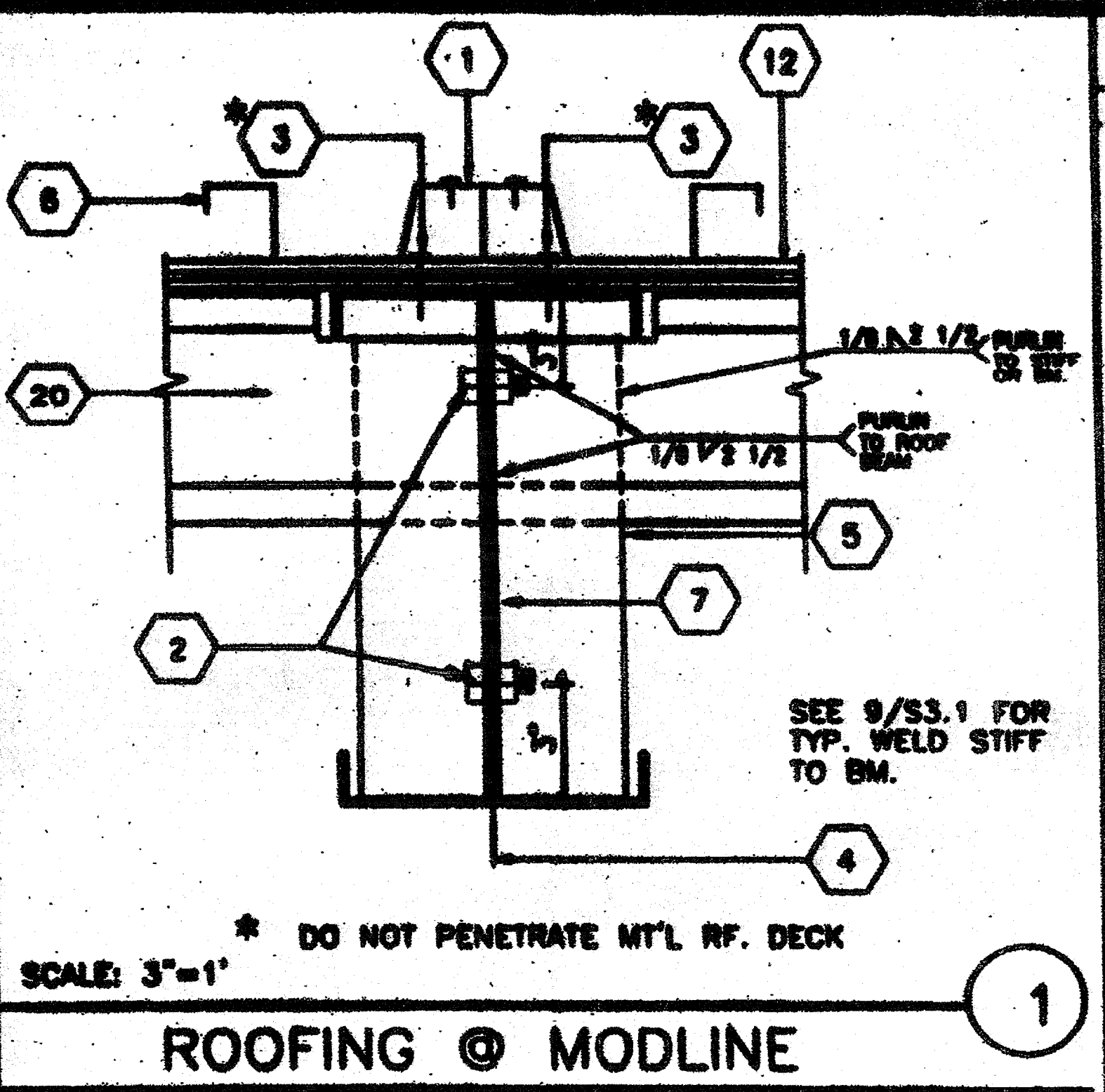
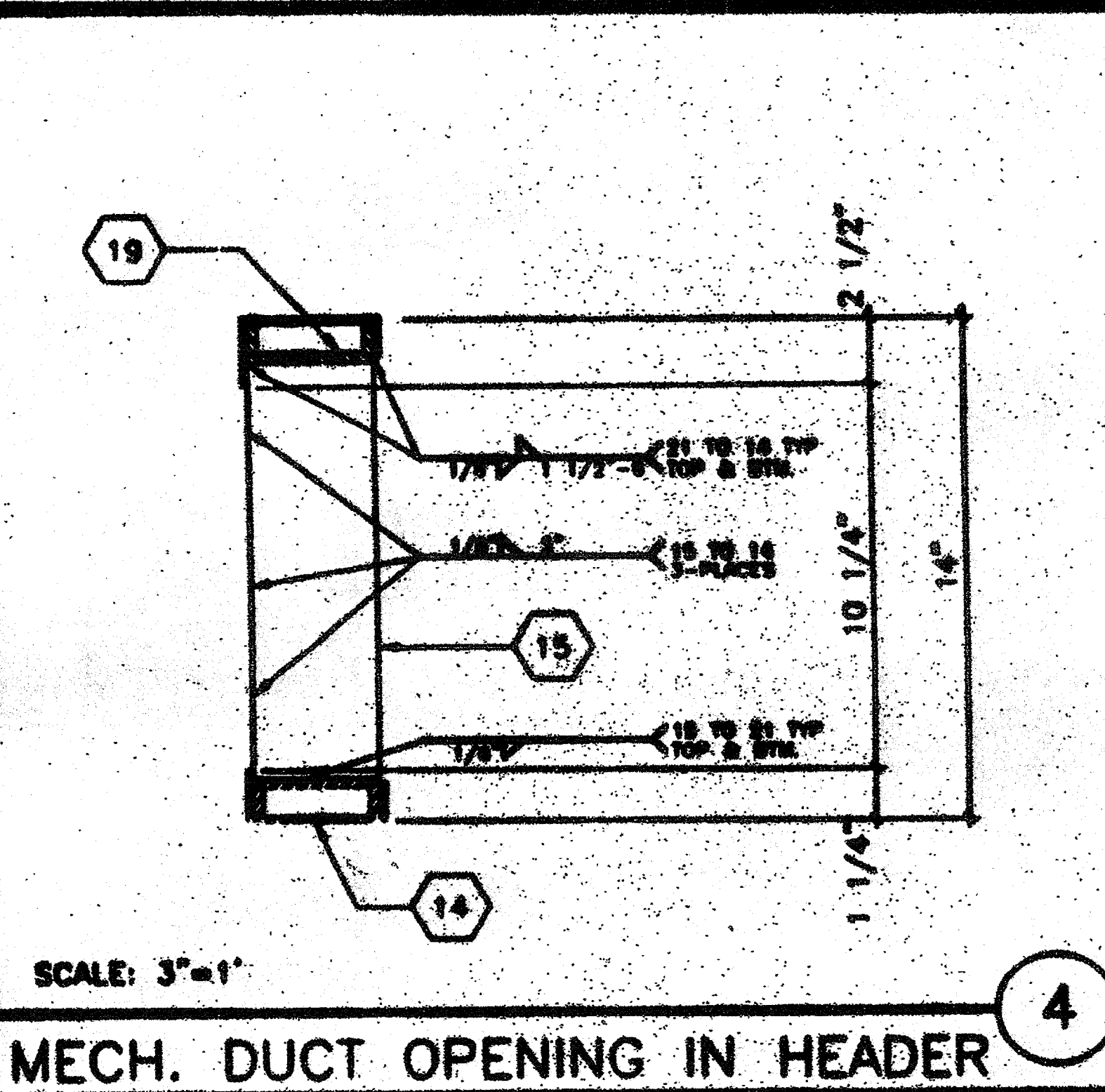
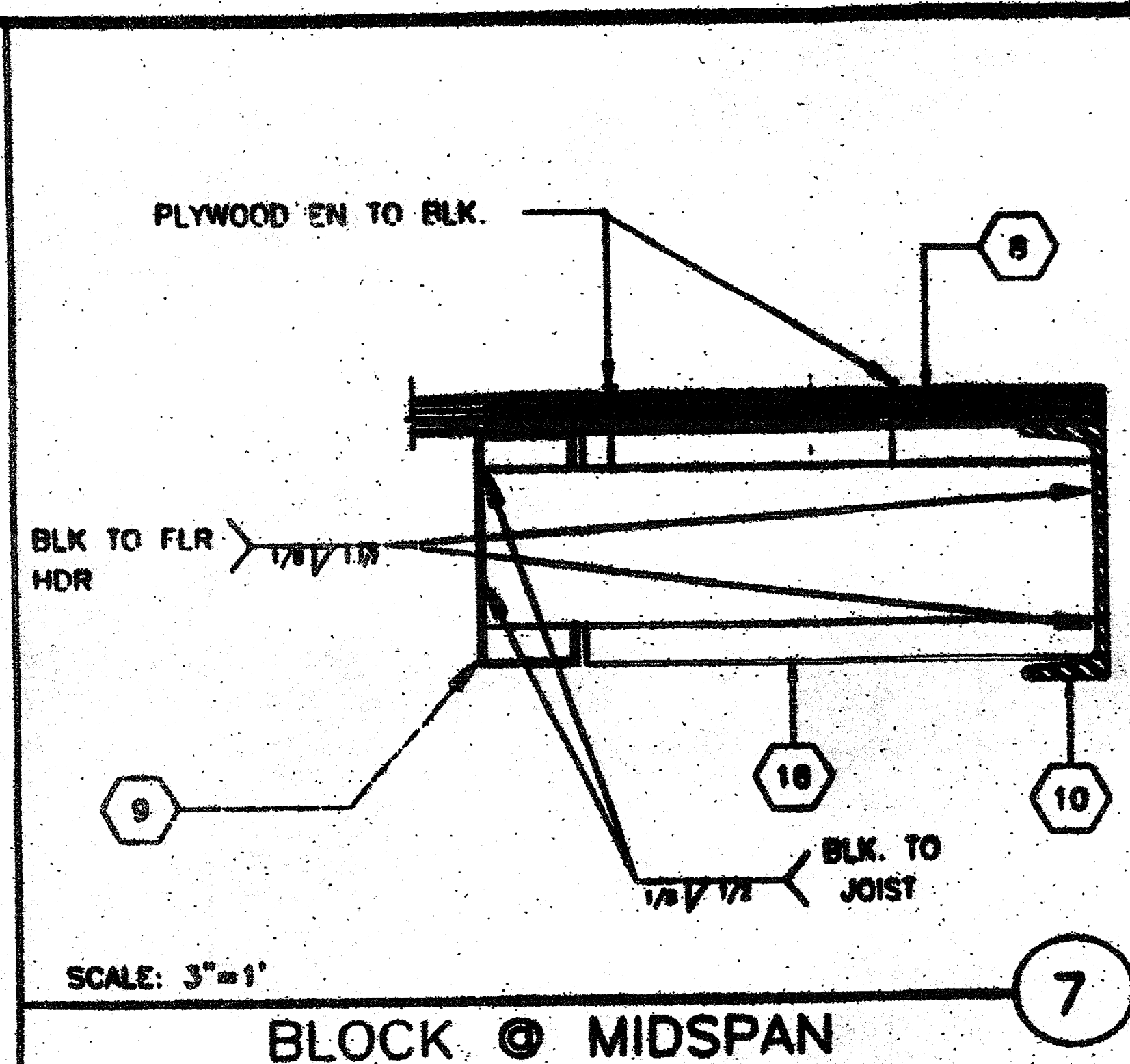


MODTECH INC.
2630 BARRETT AVE.
PERRIS, CA. 92572
PH. (909) 943-4014
FX. (909) 940-0427

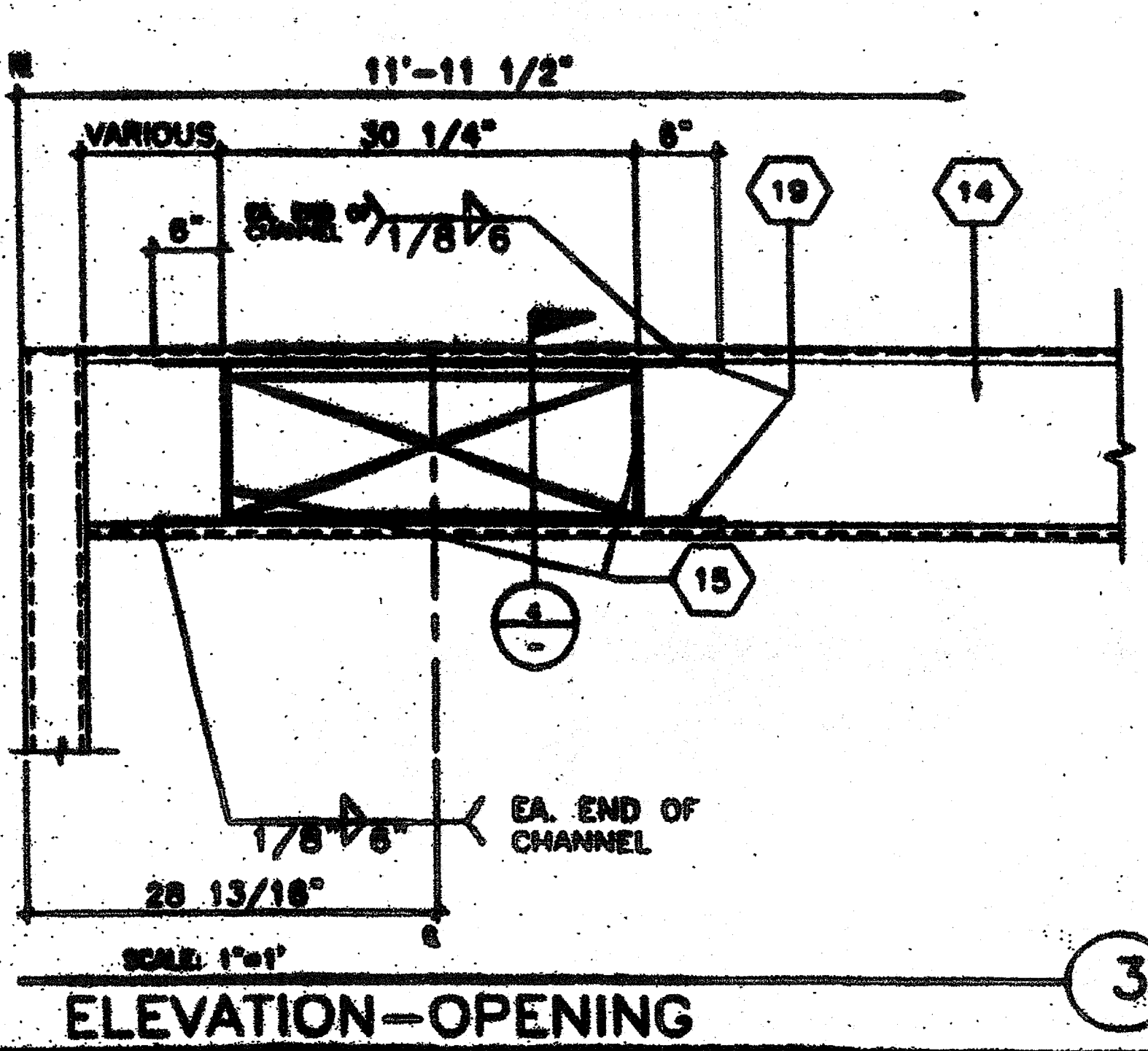
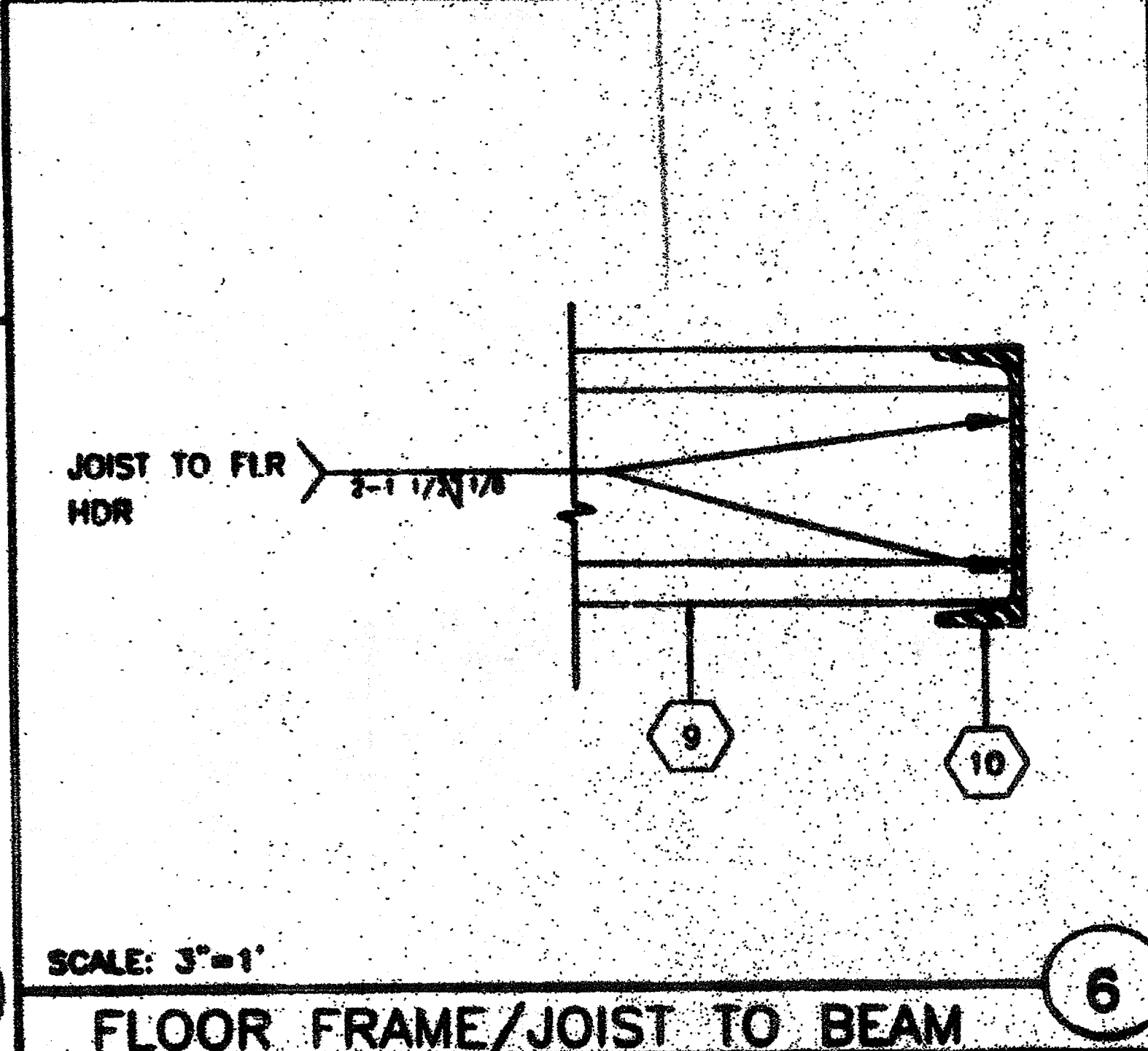
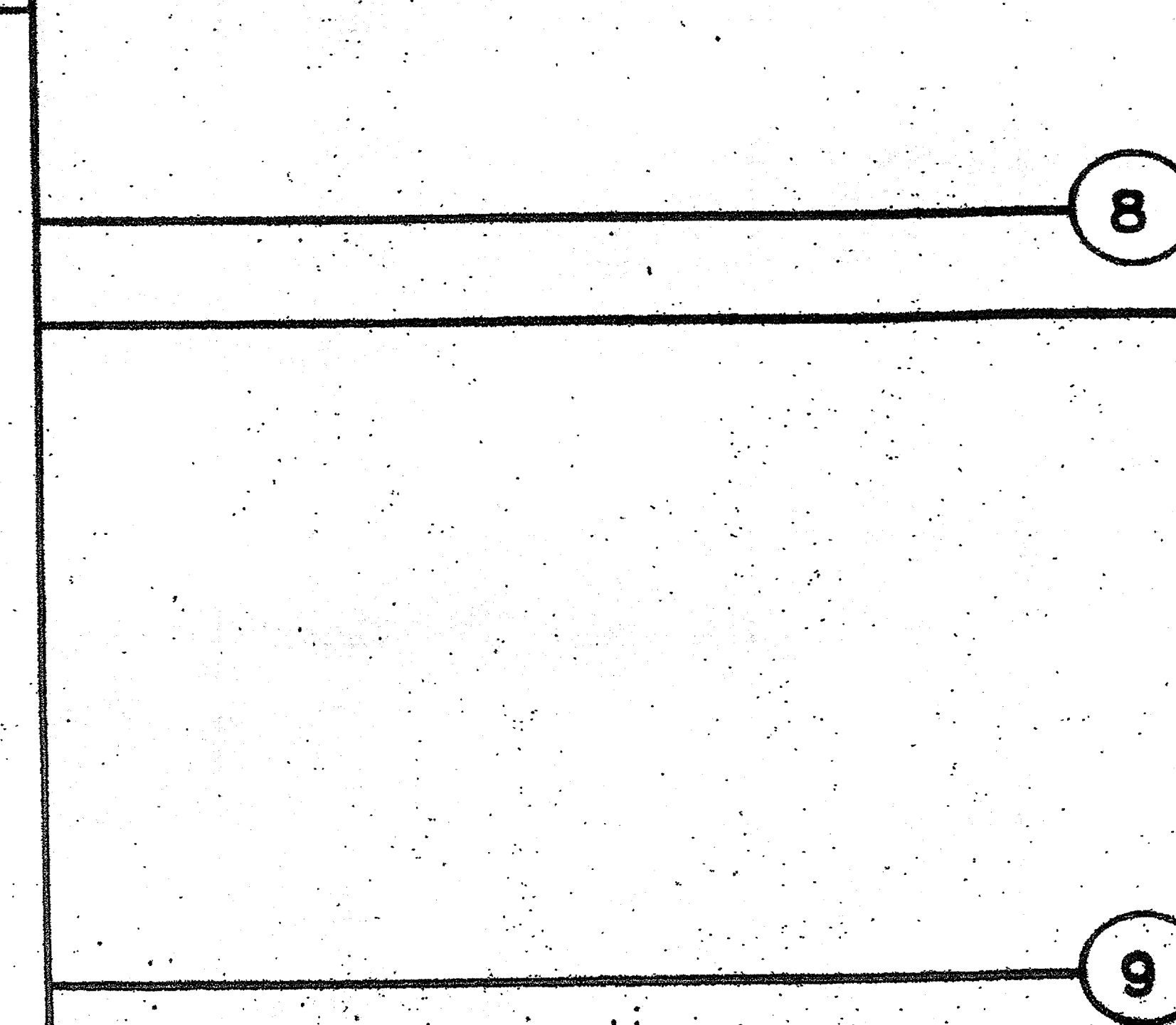
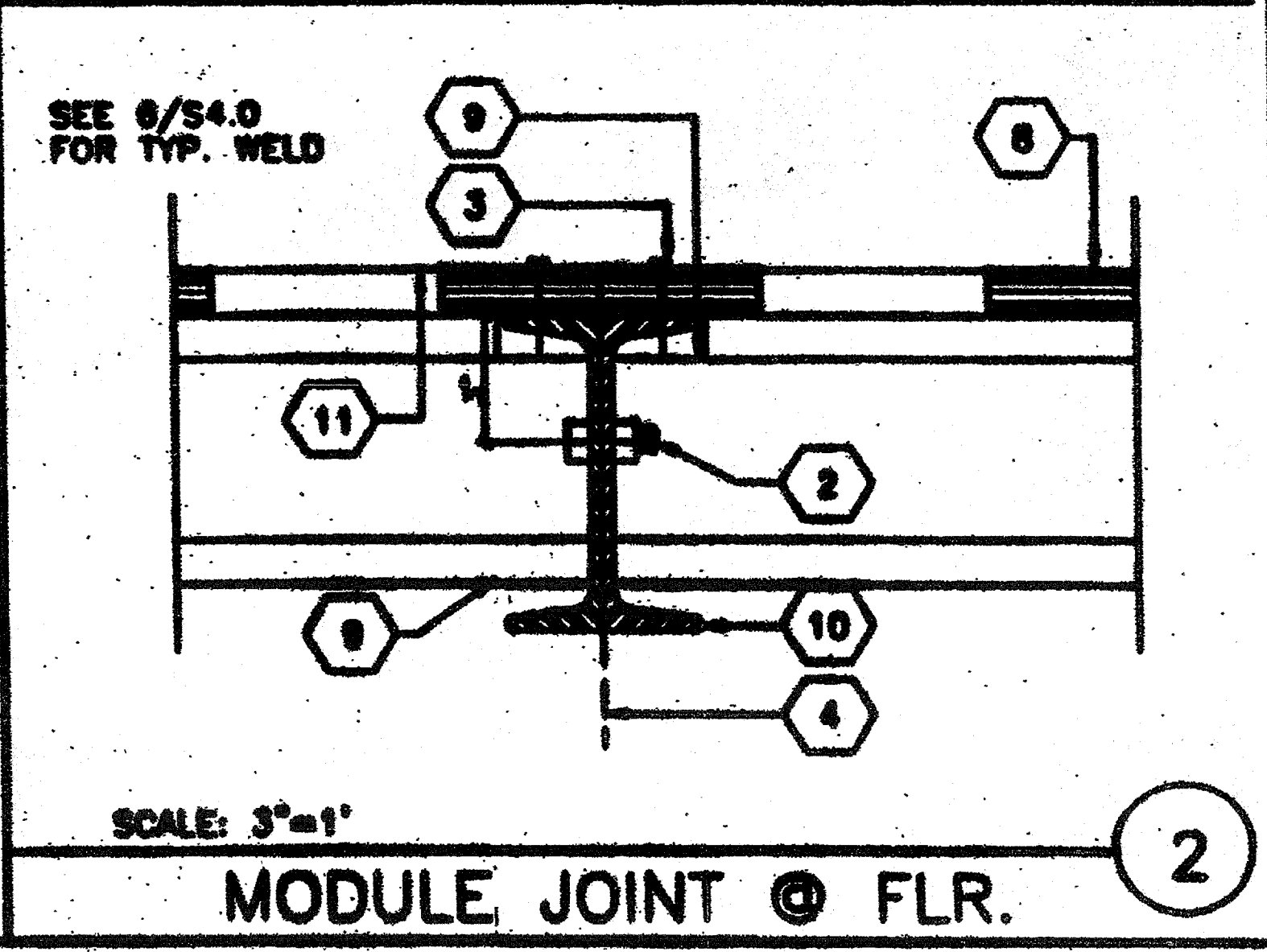
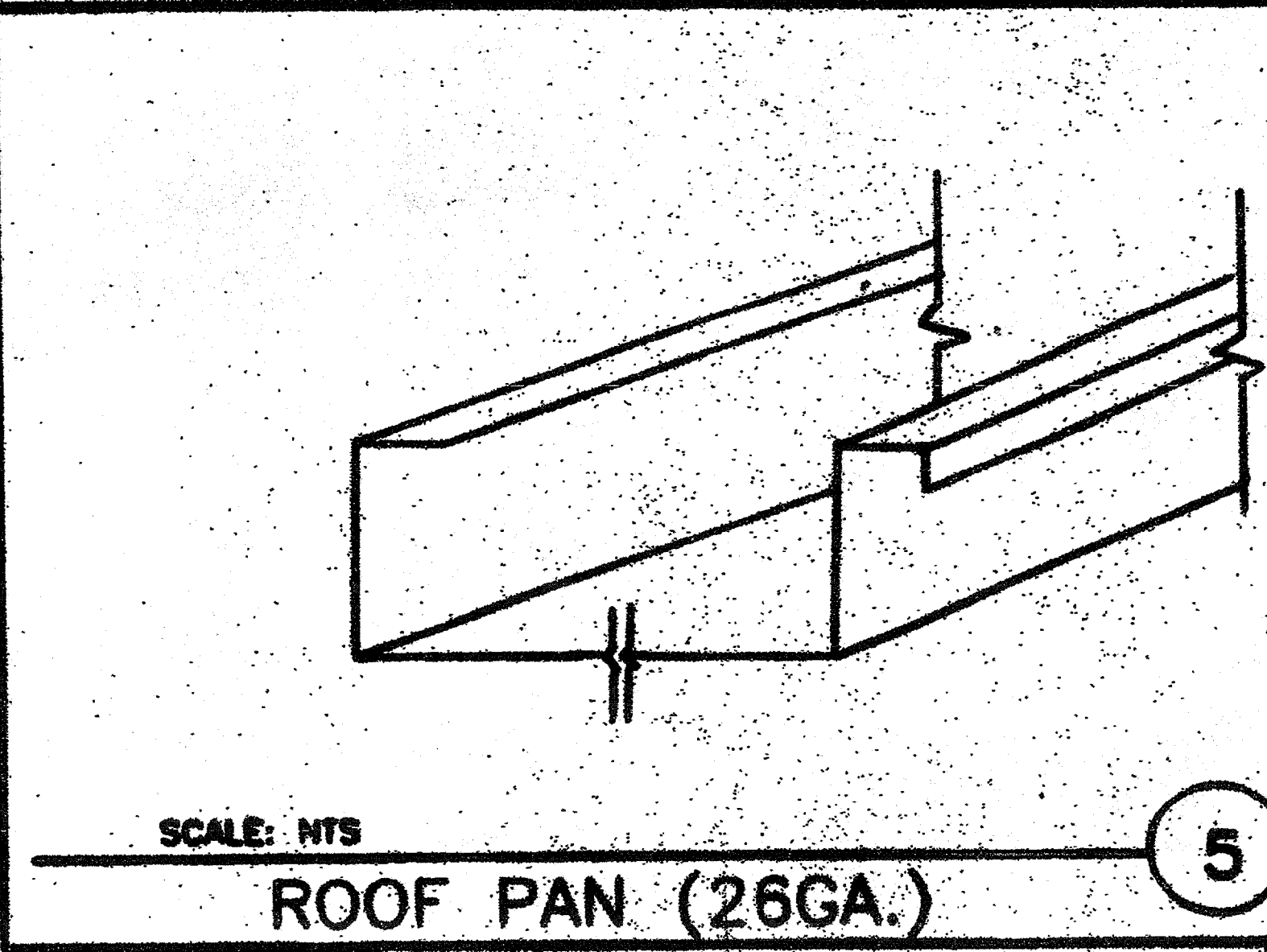
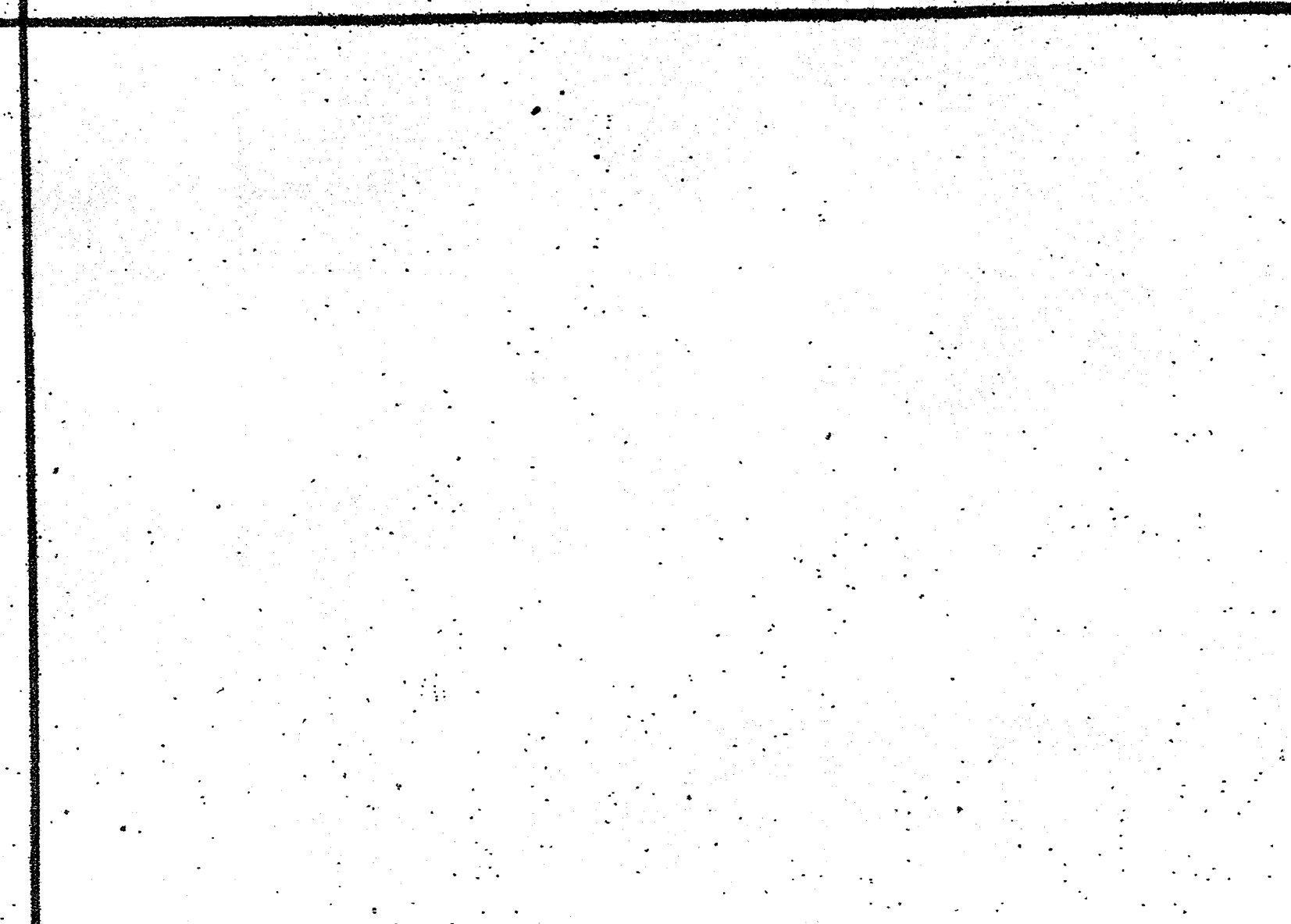
JOB NO: 2703-G
GLENDALE U.S.D.
FRANKLIN ELEM. SCHOOL

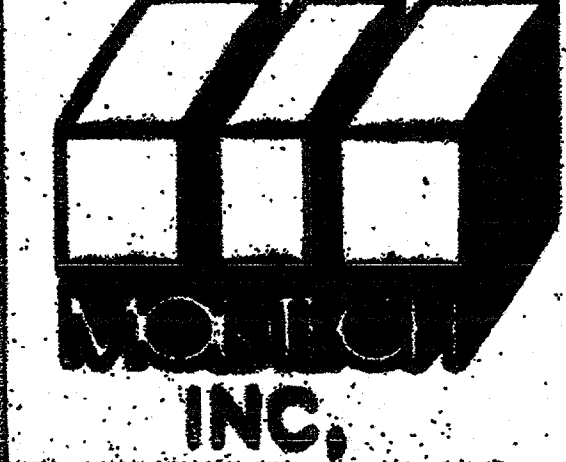
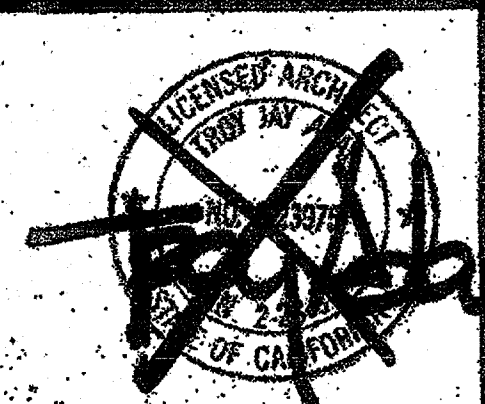

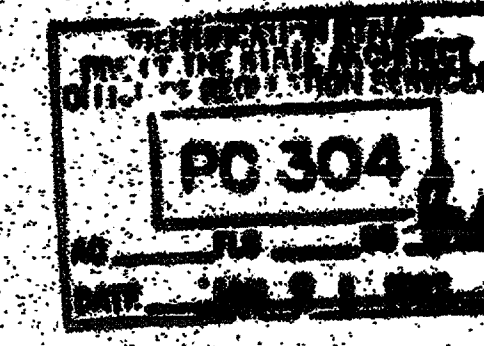
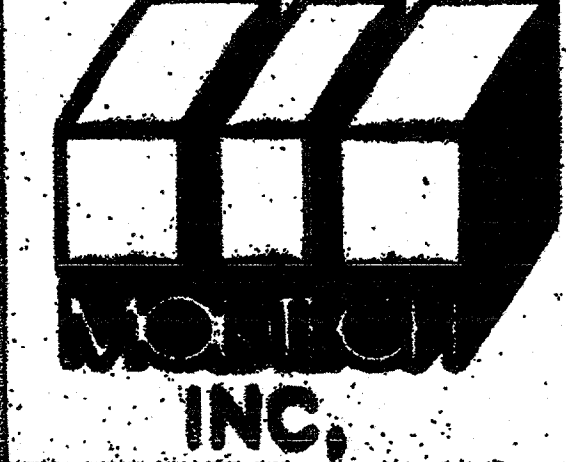
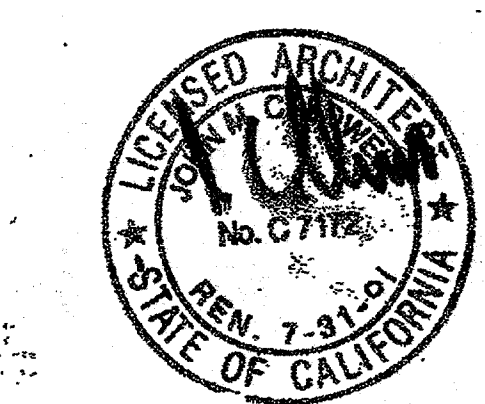
DRAWN BY RS
DATE 9-12-08
CHECKED BY
DATE

"AS BUILTS"
STRUCTURAL DETAILS S3.1



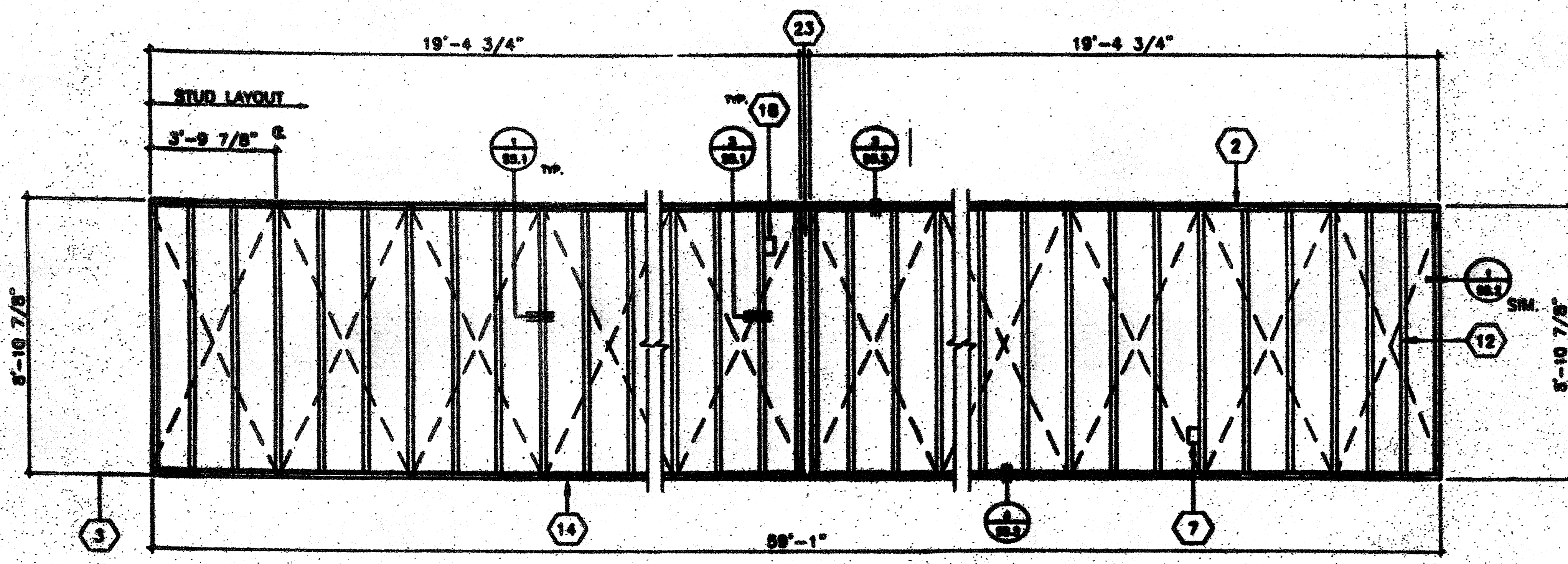
- KEY NOTES**
- 1 CAP CLOSURE @ RIDGE 20GA. GALV. W/ #10 TYPE FASTENERS W/ NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT SEE DETAIL-
 - 2 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) @ 8' O.C.
 - 3 E.N.
 - 4 MODULE JOINT
 - 5 1/4" @ 8' O.C. FULL DEPTH STIFFENER PLATE (SEE 9/S3.1)
 - 6 STANDING ROOF SEAM (SEE ROOF PLAN)
 - 7 ROOF BEAM (SEE STRUCTURAL) SEE 1/S3.1
 - 8 PLYWOOD FLOOR SHEATHING
 - 9 FLOOR JOIST 6/S3.1
 - 10 FLOOR BEAM (SEE STRUCTURAL 5/S3.1)
 - 11 HAND HOLE @ BOLT LOCATION (5" SQ.)
 - 12 PLYWOOD ROOF SHEATHING
 - 13 4"x4"x1/4" STEEL TUBE COLUMN
 - 14 ROOF HEADER (SEE STRUCTURAL 3/S3.1)
 - 15 1/4" STIFFENER PLATE SEE 9/S3.1 FOR TYP. WELD
 - 16 "C" BLOCKING SEE 6/S3.1
 - 17 10GA. BACK-UP PL.
 - 18 2"x2"x3/16" L
 - 19 3 3/4"x1"x12GA. REINFORCING CHANNEL TOP & BOTTOM OF FLANGES
 - 20 ROOF PURLIN SEE 2/S3.1
 - 21 TUBE STEEL (SEE NOTE #13)
 - 22 ROOF BEAM AT OVERHANG
 - 23 1/4" PLATE



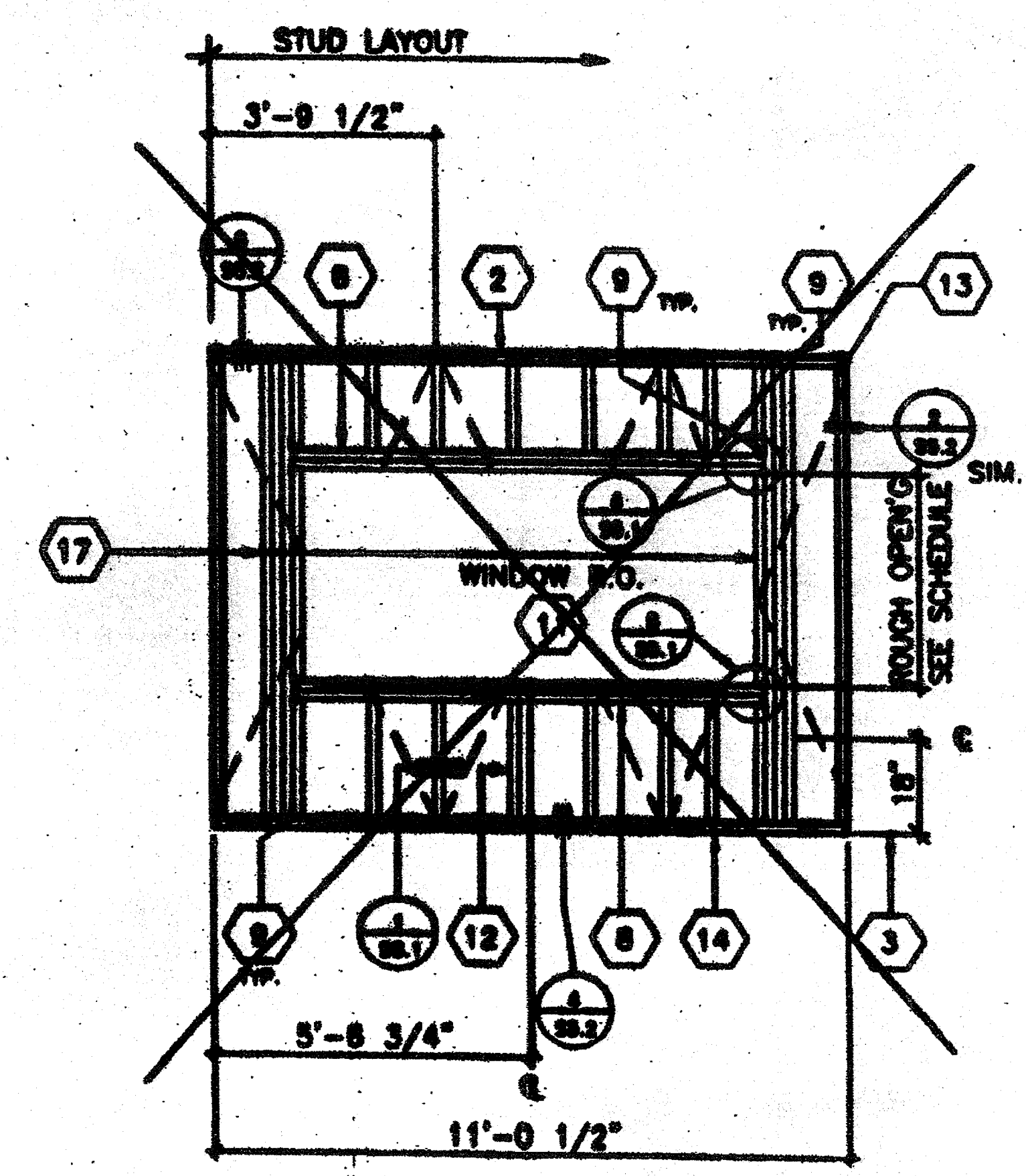
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	 MODTECH INC. 1994	JOB # 2703-A GLENDALE U.S.D. FRANKLIN ELEM. SCH.	DRAWN BY: RARA DATE: 8-12-98 CHECKED BY: BARE
							 INC.	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT A 03 117210 AC FLS SS Date JUL 18 2016	

STRUCTURAL DETAILS S4.0

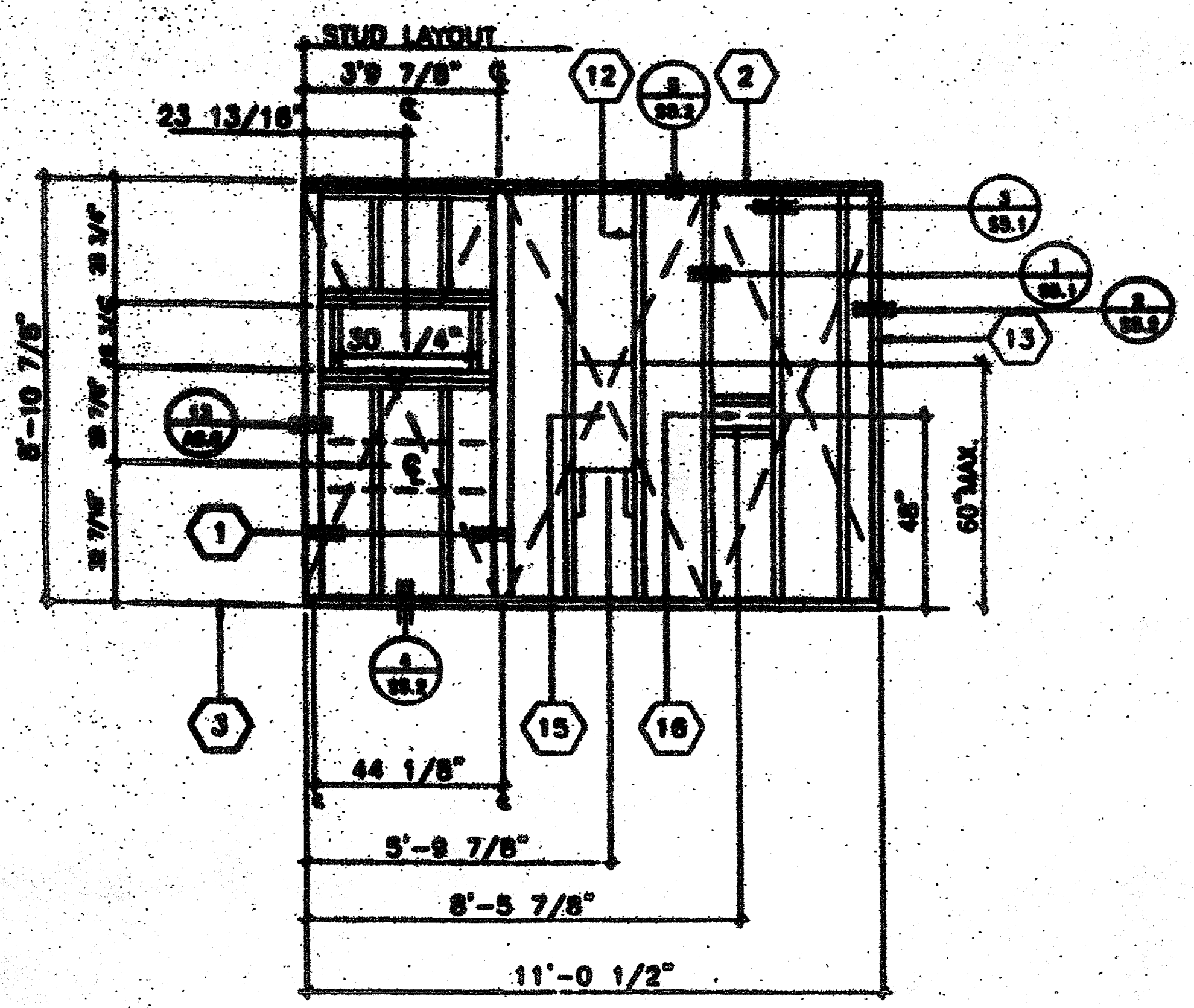
"AS BUILTS"



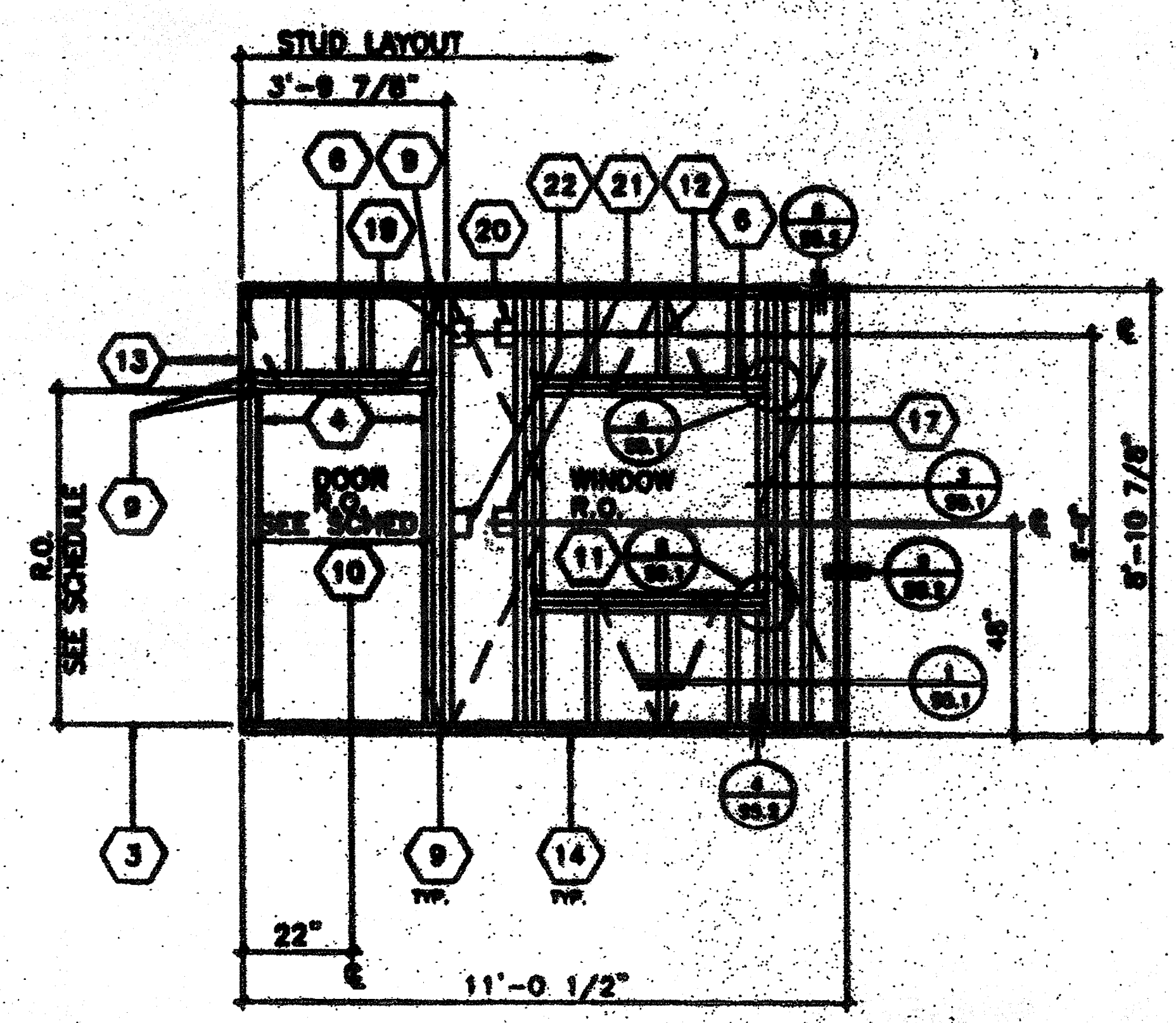
A
A, OPPOSITE HAND



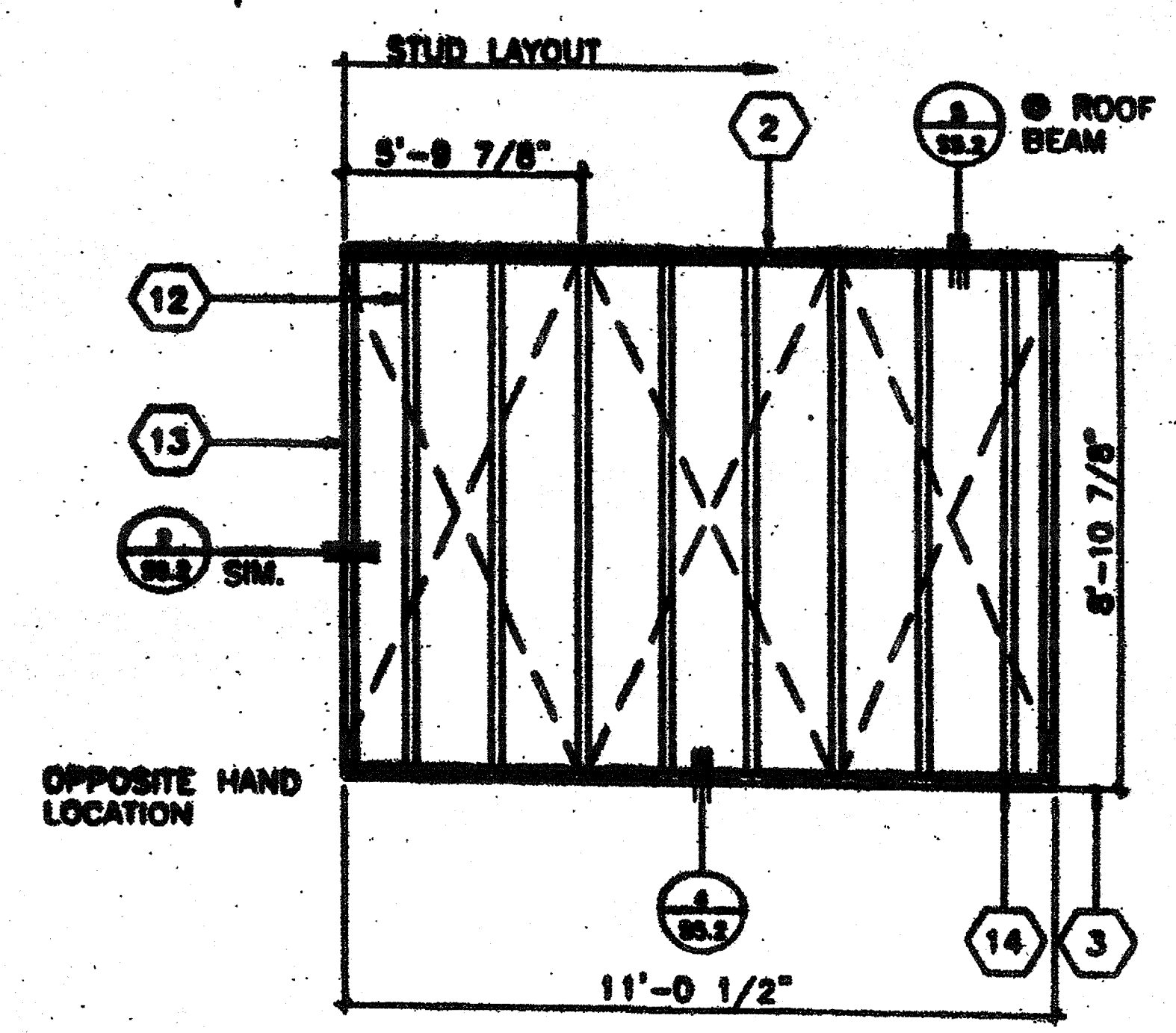
B
B, OPPOSITE HAND



C
C, OPPOSITE HAND



D
D, OPPOSITE HAND



OPPOSITE HAND LOCATION

KEY NOTES

- 1 4 X 4 POST
- 2 2X4 TOP PLATE
- 3 FINISH FLOOR
- 4 2X4 FULL HGT. KING STUDS AND 2X4 TRIMMER (SEE SCHEDULE FOR QUANTITY SHT SS.1)
- 5 NOT USED
- 6 HEADER (SEE SCHEDULE)
- 7 DUPLEX OUTLET BOX
- 8 WINDOW SILL PLATE (SEE SCHEDULE)
- 9 A 34 CLIPS @ HEADER & SILL TO FULL HGT. STUDS AND FULL HGT. STUDS TO TOP AND BOTTOM PLATES
- 10 REQUIRED OPENING FOR A 3068 DOOR (SEE DETAIL 7/SS.1)
- 11 REQUIRED OPENING FOR WINDOW (SEE DETAIL 8.12/SS.1)
- 12 2X4 STUD @ 16" O.C. TYPICAL
- 13 2X4 NAILER TYPICAL @ EACH END
- 14 2X4 SILL PLATE
- 15 FRAME FOR ELECTRICAL PANEL
- 16 THERMOSTAT LOCATION 4S BOX
- 17 FULL HGT. STUDS AND 1-2X4 TRIMMER (SEE WINDOW SCHEDULE FOR JAMB STUDS REQUIRED SMT. SS.1)
- 18 CLOCK OUTLET +90" AFF
- 19 "J" BOX FOR EXTERIOR LIGHT FIXTURE (TO EXTERIOR)
- 20 FIRE HORN (TO EXTERIOR)
- 21 FIRE PULL STATION (TO INTERIOR)
- 22 LIGHT SWITCH BOX
- 23 3 1/2 X 3 1/2 X 1/4 TS COLUMN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 03117210
AC/FLS/SS
Date JUL 18 2010

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF PERMITS AND SERVICES
APPL 101887
AC/FLS/SS
Date MAY 17 2010

SCALE 3/8"=1'



VISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT	MOTTECH INC. 2830 BARRETT AVE. PERRIS, CA 92572 PH. (909) 943-4014 FX. (909) 940-0427	JOB NO. 2703 GLENDALE U.S.D. FRANKLIN ELEM. SCHOOL	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPROV 101887 AC/FLS/SS Date APR 17 2010	DRAWN BY DATE CHECKED BY DATE 9-12-08
WALL FRAMING								S5.0	

"AS BUILTS"

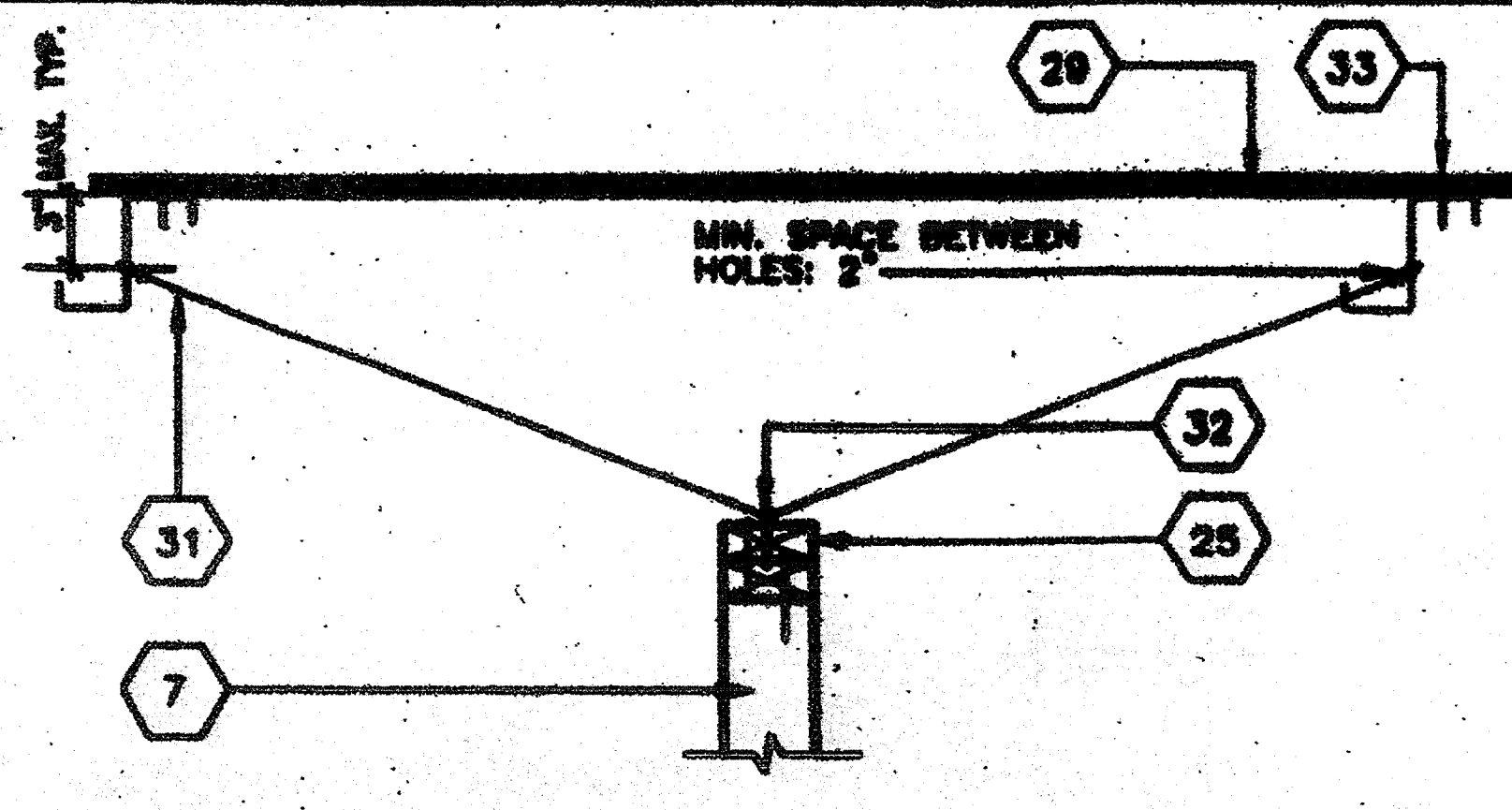
OPENING SCHEDULE					ROUGH OPENING	
OPENING	HDR.	SILL	JAMB	HEIGHT	WIDTH	
3088	(2) 2X4	(2) 2X4	(2) 2X4	81 1/4"	38"	
8040	4X8	(2) 2X4	(3) 2X4	48 1/8"	88 1/8"	
4040	4X4	(2) 2X4	(2) 2X4	48 1/8"	48 1/8"	

ALTERNATE: METAL STUD 24 HDS350
IN LIEU OF 2X4 WD. STUDS

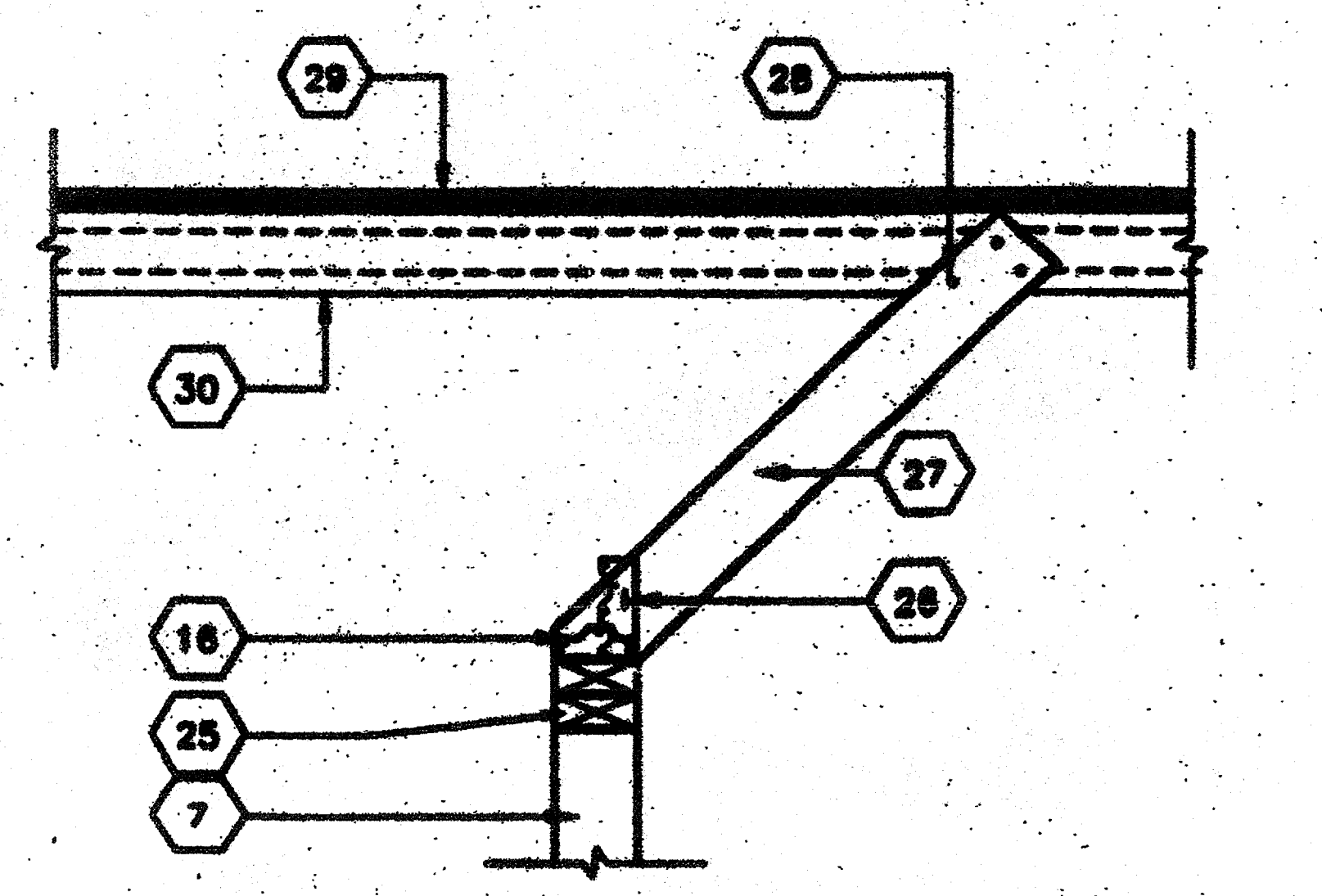
12

NAILING SCHEDULE

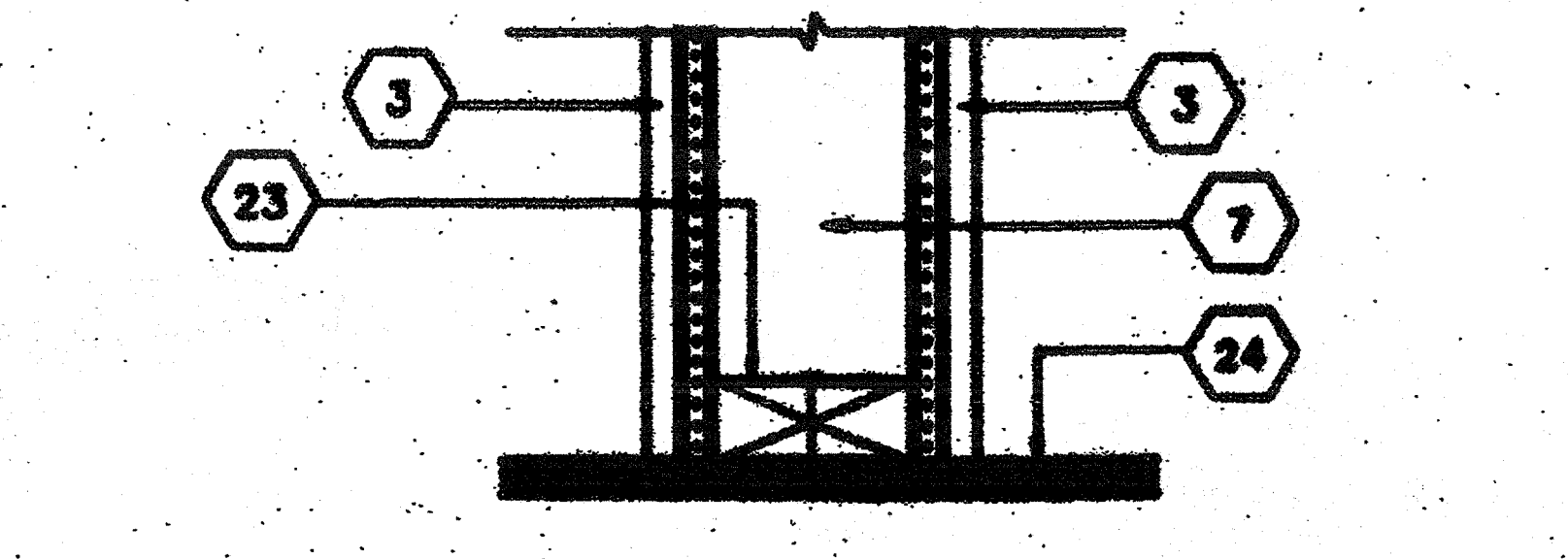
CONNECTION	NAILING
1. NAIL TO SILL OR UNDER TRIMMING	3-0d
2. NAIL TO STUD, TRIMMING AND SILL	3-0d
3. NAIL TO STUD, TRIMMING AND SILL	3-0d
4. NAIL TO STUD, TRIMMING AND SILL	3-0d
5. NAIL TO STUD, TRIMMING AND SILL	3-0d
6. NAIL TO STUD, TRIMMING AND SILL	3-0d
7. NAIL TO STUD, TRIMMING AND SILL	3-0d
8. NAIL TO STUD, TRIMMING AND SILL	3-0d
9. NAIL TO STUD, TRIMMING AND SILL	3-0d
10. NAIL TO STUD, TRIMMING AND SILL	3-0d
11. NAIL TO STUD, TRIMMING AND SILL	3-0d
12. NAIL TO STUD, TRIMMING AND SILL	3-0d
13. NAIL TO STUD, TRIMMING AND SILL	3-0d
14. NAIL TO STUD, TRIMMING AND SILL	3-0d
15. NAIL TO STUD, TRIMMING AND SILL	3-0d
16. NAIL TO STUD, TRIMMING AND SILL	3-0d
17. NAIL TO STUD, TRIMMING AND SILL	3-0d
18. NAIL TO STUD, TRIMMING AND SILL	3-0d
19. NAIL TO STUD, TRIMMING AND SILL	3-0d
20. NAIL TO STUD, TRIMMING AND SILL	3-0d
21. NAIL TO STUD, TRIMMING AND SILL	3-0d
22. NAIL TO STUD, TRIMMING AND SILL	3-0d
23. NAIL TO STUD, TRIMMING AND SILL	3-0d
24. NAIL TO STUD, TRIMMING AND SILL	3-0d
25. NAIL TO STUD, TRIMMING AND SILL	3-0d
26. NAIL TO STUD, TRIMMING AND SILL	3-0d
27. NAIL TO STUD, TRIMMING AND SILL	3-0d
28. NAIL TO STUD, TRIMMING AND SILL	3-0d
29. NAIL TO STUD, TRIMMING AND SILL	3-0d
30. NAIL TO STUD, TRIMMING AND SILL	3-0d
31. NAIL TO STUD, TRIMMING AND SILL	3-0d
32. NAIL TO STUD, TRIMMING AND SILL	3-0d
33. NAIL TO STUD, TRIMMING AND SILL	3-0d
34. NAIL TO STUD, TRIMMING AND SILL	3-0d
35. NAIL TO STUD, TRIMMING AND SILL	3-0d
36. NAIL TO STUD, TRIMMING AND SILL	3-0d
37. NAIL TO STUD, TRIMMING AND SILL	3-0d
38. NAIL TO STUD, TRIMMING AND SILL	3-0d



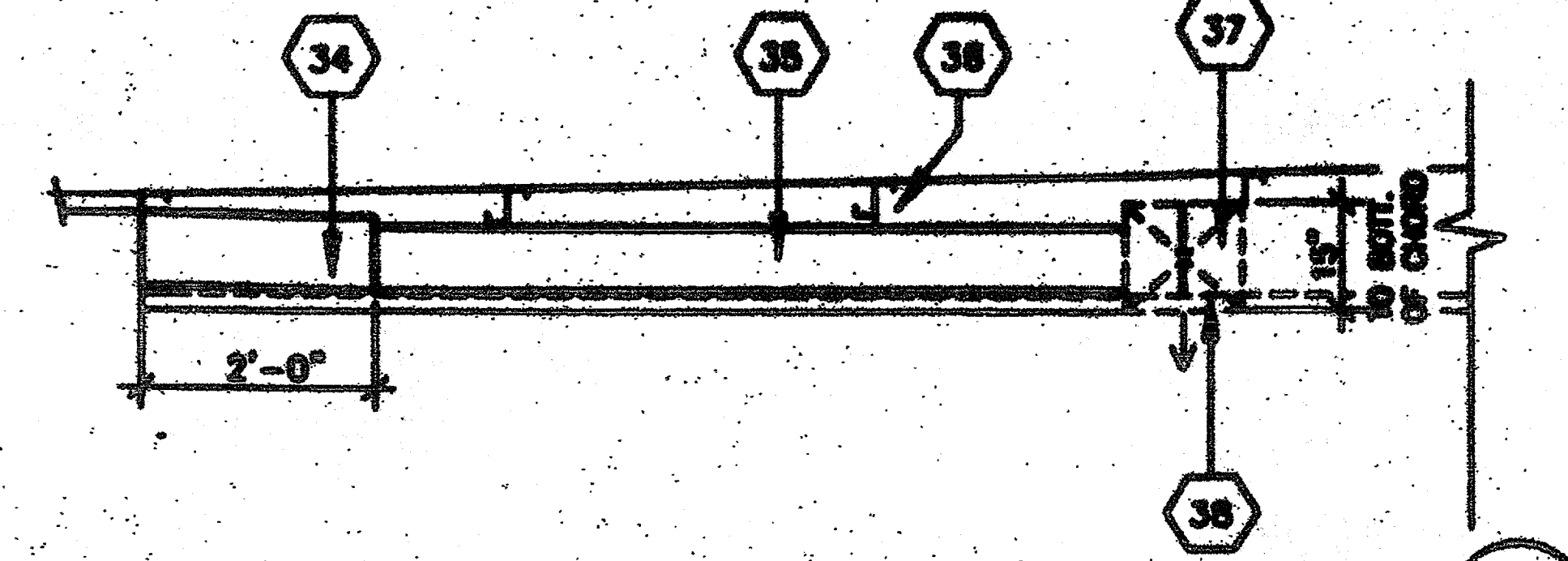
SCALE: 1-1/2"=1'
PARALLEL PARTITION CONN. 8



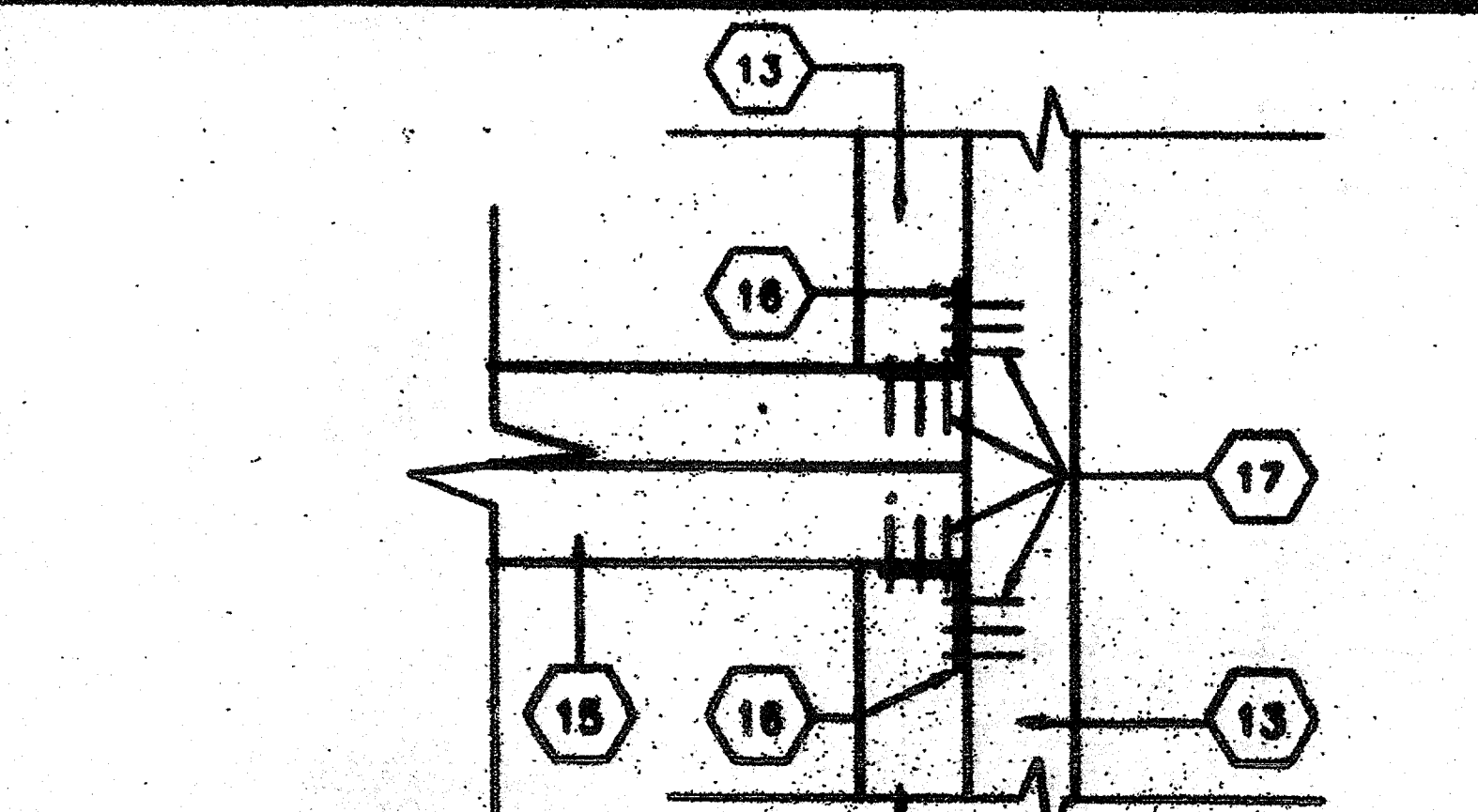
SCALE: 3"=1'
PERPENDICULAR PARTITION CONNECTION 9



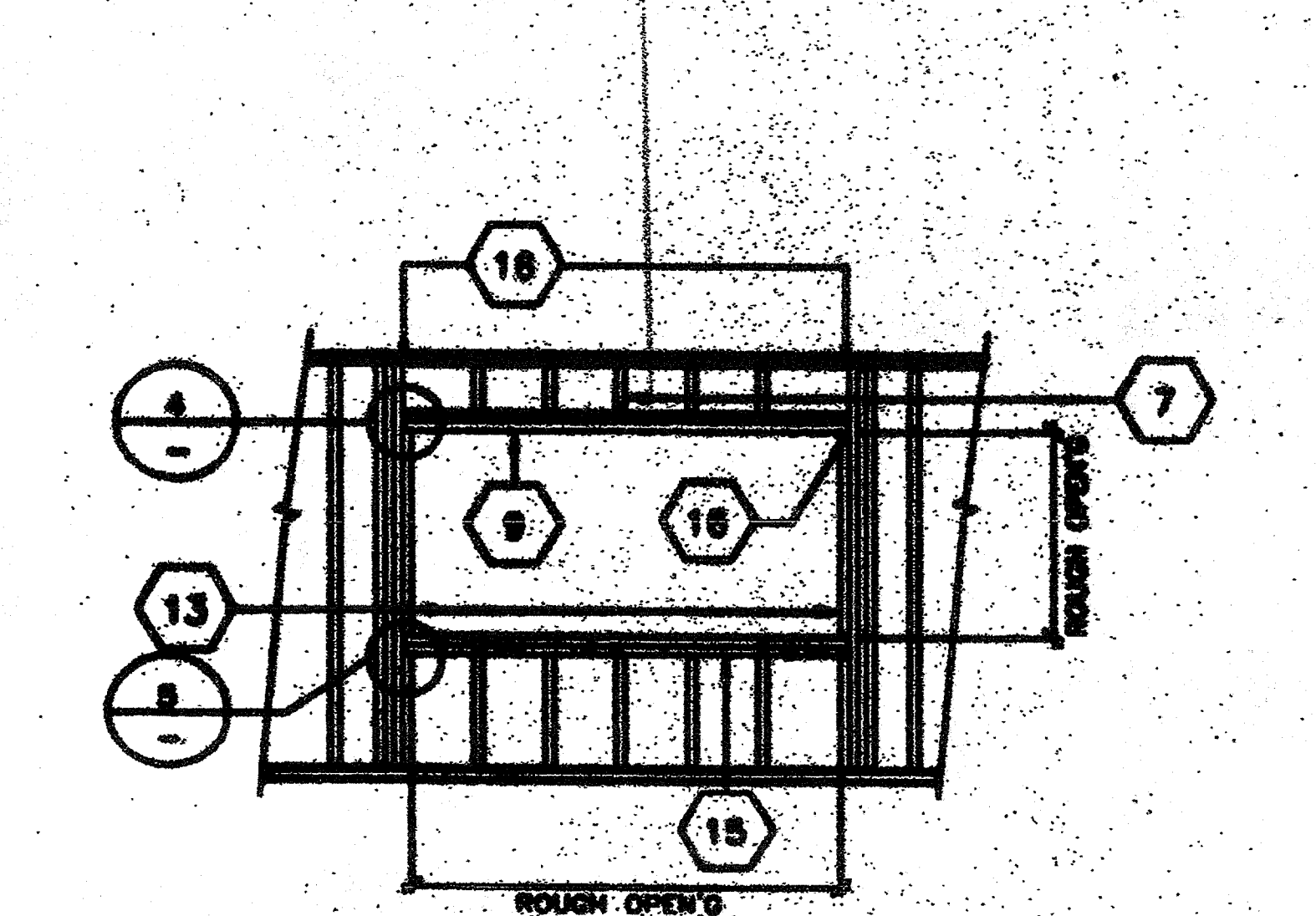
SCALE: 3"=1'
INT. PARTITION CONN. @ FLOOR 10



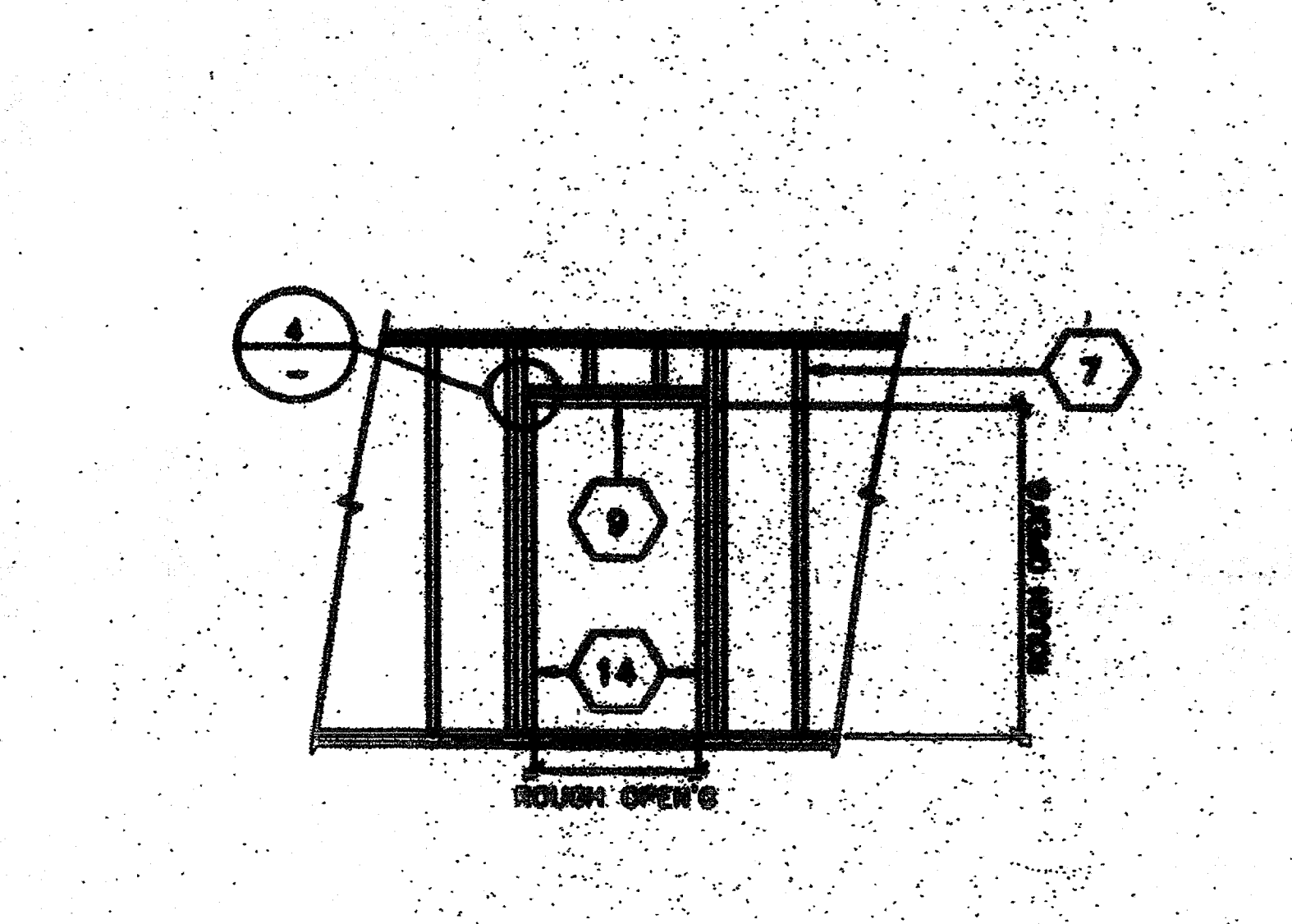
SCALE: 1/2"=1'
SECTION: HVAC IN ATTIC 11



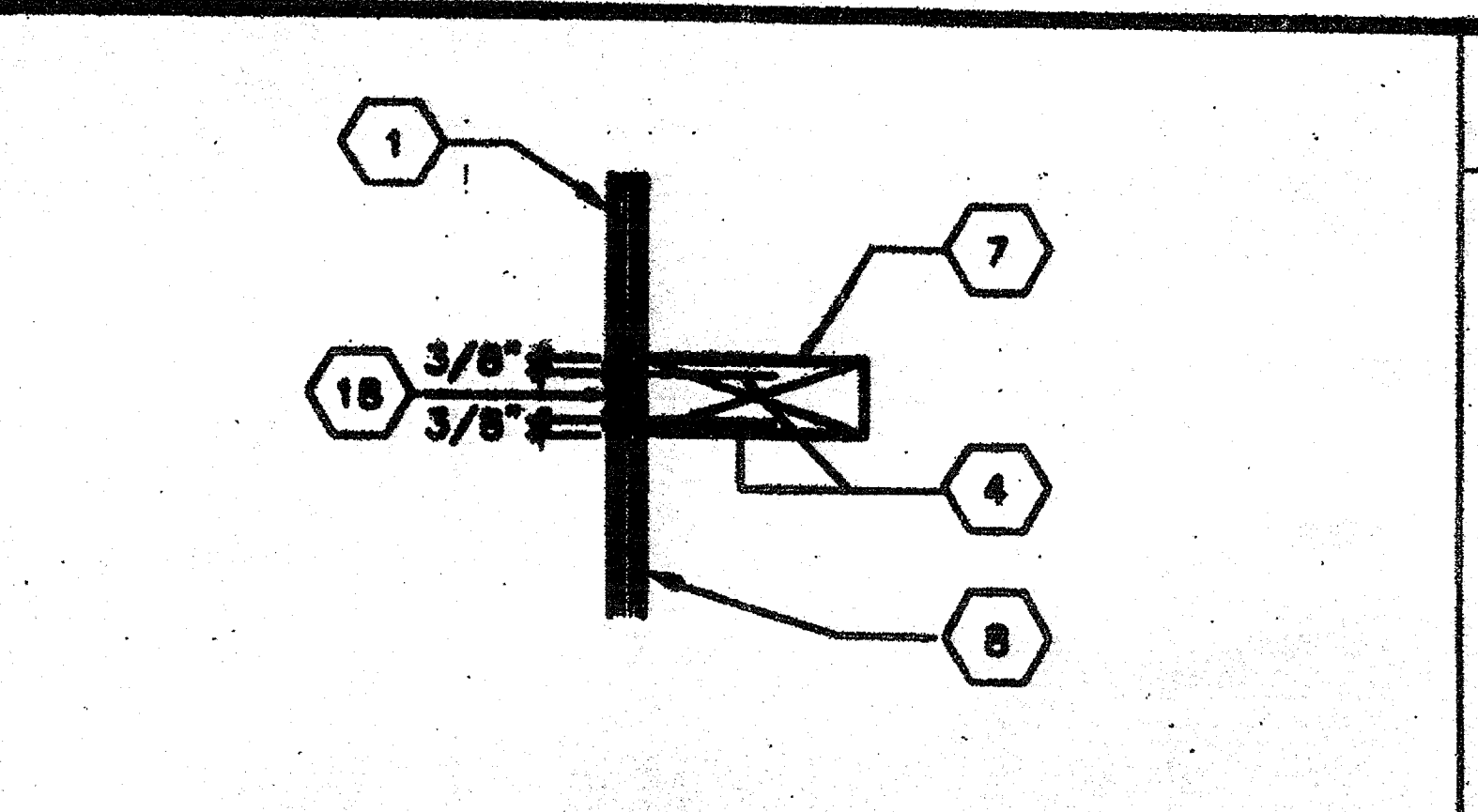
SCALE: 3"=1'
WINDOW SILL @ JAMB 5



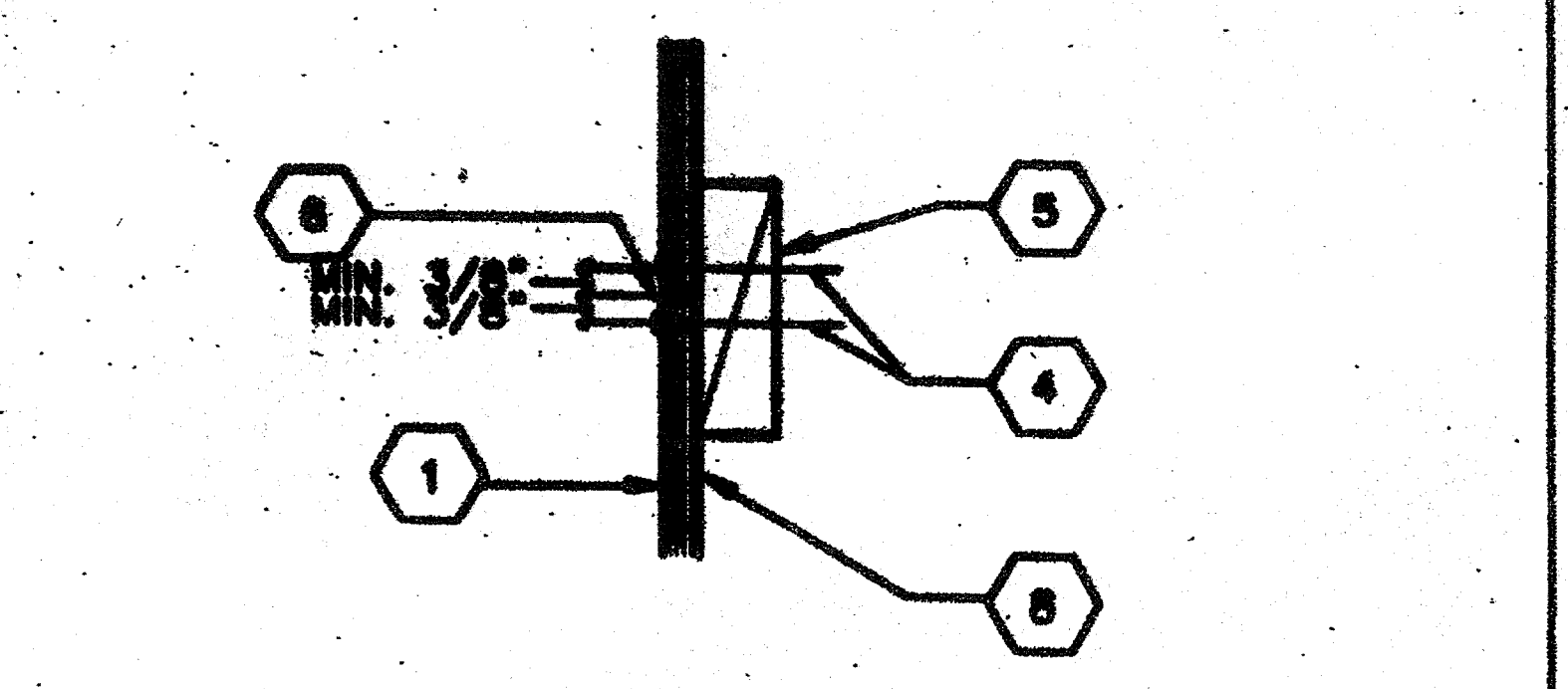
SCALE: 3"=1'
TYPICAL WINDOW FRAMING 6



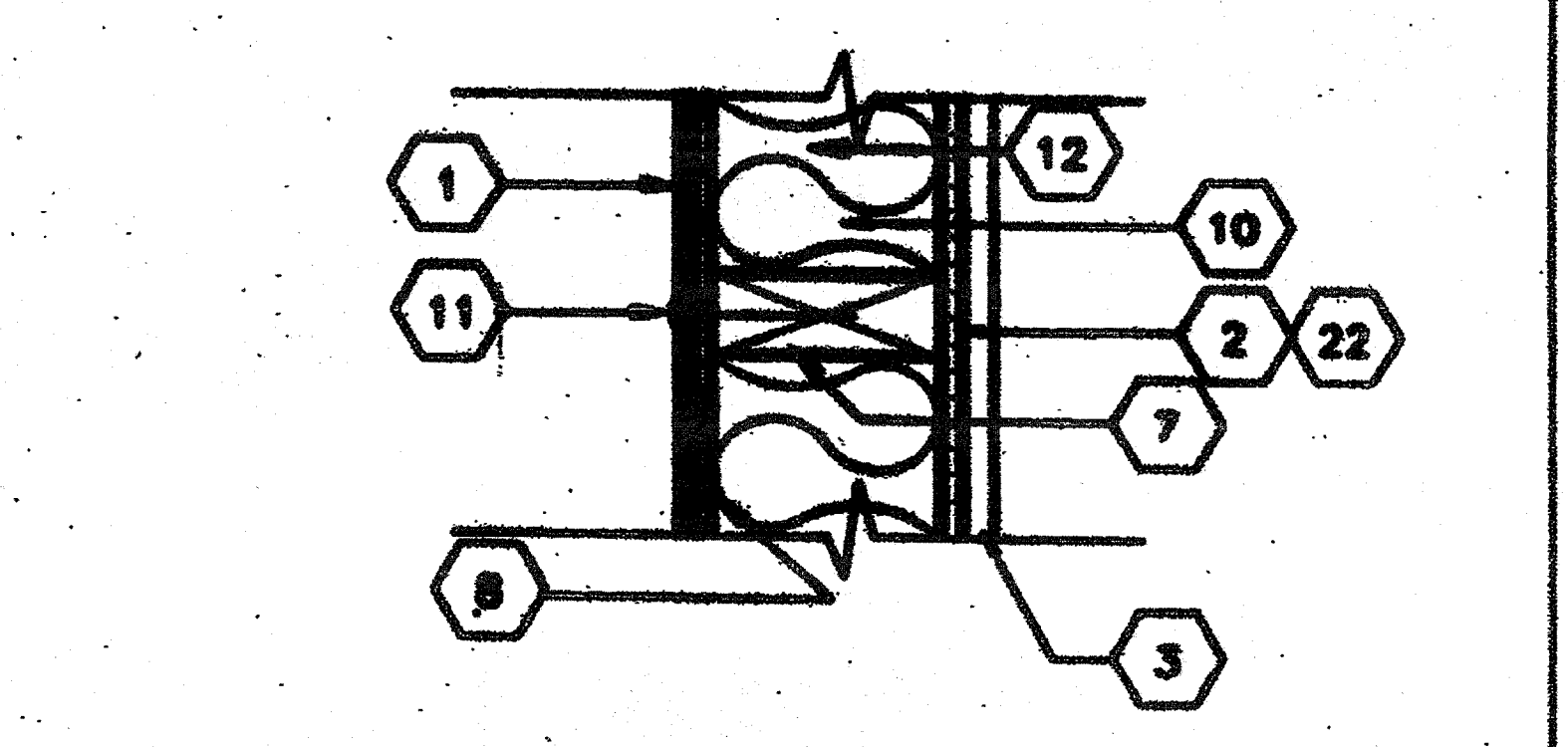
SCALE: 3"=1'
TYPICAL DOOR FRAMING 7



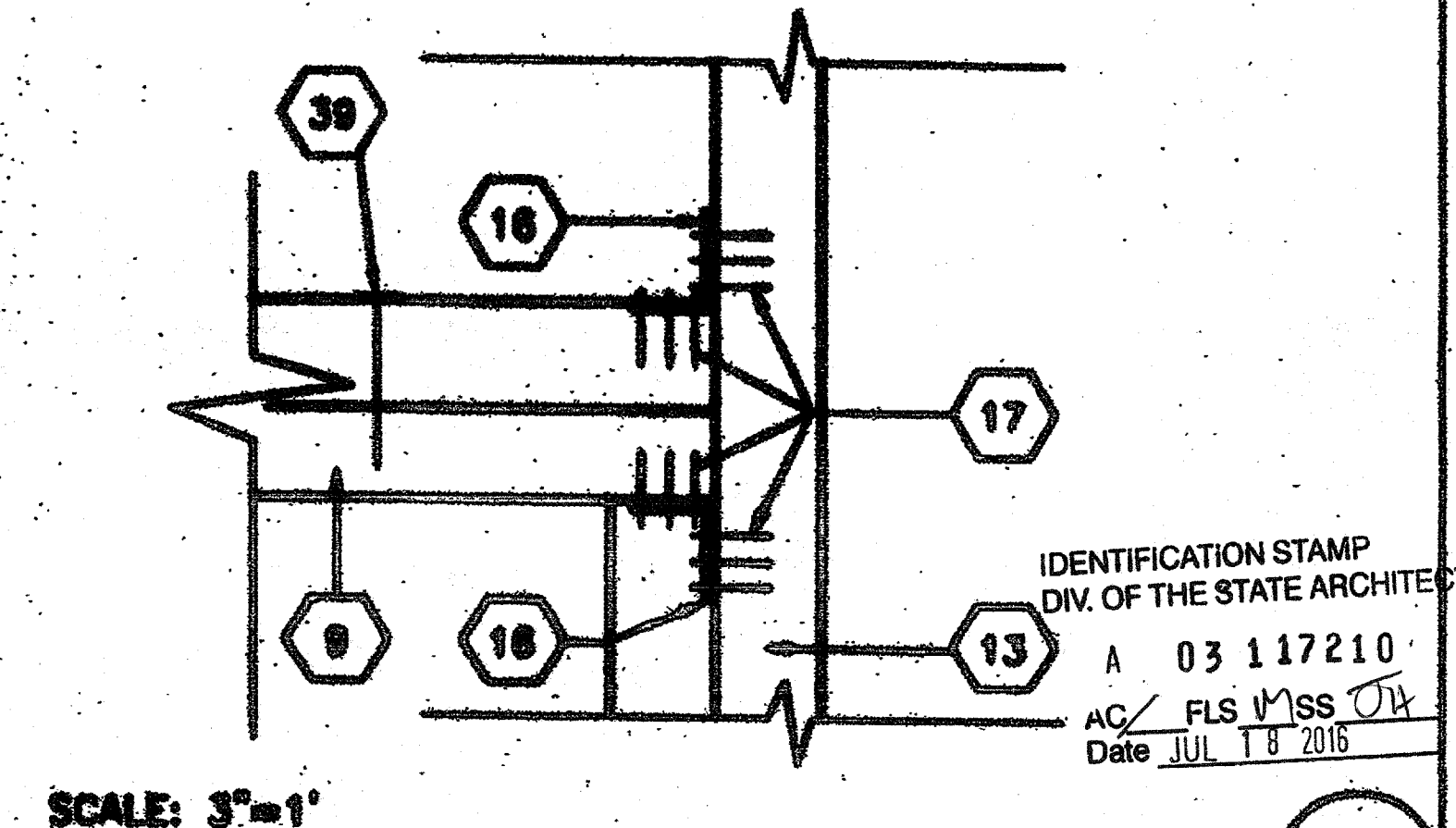
SCALE: 3"=1'
VERT. PLYWOOD EDGES 1



SCALE: 3"=1'
DETAIL @ HORIZ. PLYWOOD JOINTS 2

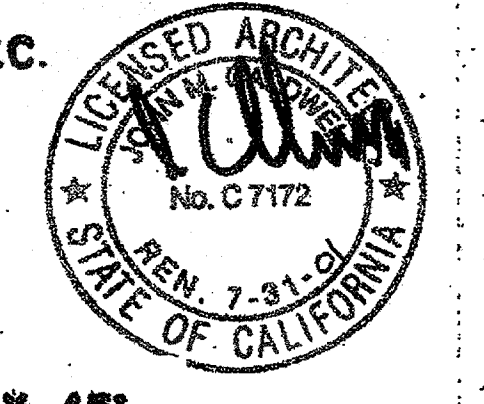


SCALE: 3"=1'
SECTION @ STUD 3



SCALE: 3"=1'
HEADER DETAIL 4

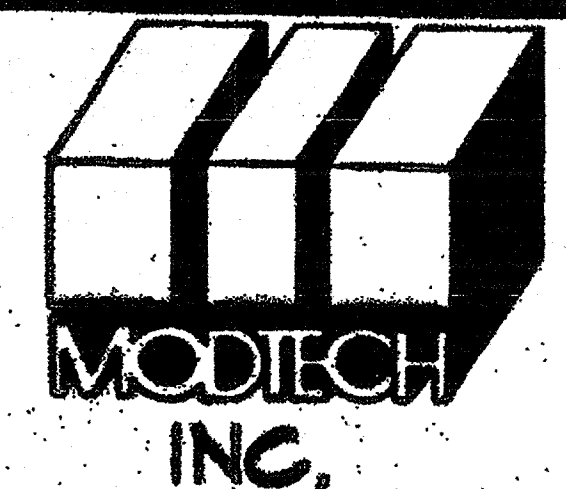
- KEY NOTES**
- EXTERIOR PLYWOOD SIDING - SHEATHING NAIL W/DALV. BOX NAILS - 8d @ 6" O.C. EDGES, 8d @ 12" O.C. IN FIELD
 - GYP. BOARD
 - TYP. INTERIOR FINISH-SEE FINISH SCHEDULE
 - E.N.
 - 2X4 BLK'G
 - 2" FLASHING
 - 2X4 @ 16" O.C.
 - WATERPROOF MEMBRANE
 - HEADER SEE SCHED. S5.1
 - INSULATION SEE SPECIFICATIONS
 - 8d ELECTRO GALV. 12" O.C.F.N.
 - 2X4 SILL PLATE (BELOW)
 - FULL HEIGHT STUDS AND 1-2X4 TRIMMER (SEE WINDOW SCHEDULE FOR JAMB STUDS REQ'D)
 - 2X4 FULL HEIGHT KING STUDS AND 2X4 TRIMMER (SEE SCHEDULE FOR QUANTITY)
 - SILL PLATE (SEE SCHEDULE)
 - A 34 CLIPS @ HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
 - 9GA. 8d 1 1/2" NAILS
 - LAP JOINT
 - NOT USED
 - NOT USED
 - NOT USED
 - ATTACH GYP. BD. TO STUDS W/8d COOLERS @ 6" O.C.
 - 2X4 BOTTOM PLATE W/16d @ 16" O.C.
 - PLYWOOD FLOOR
 - 2X4 DBL TOP PLATE
 - SIMPSON A35 W/8d X 2 1/2"
 - 2X4 BRACE @ 8'-0" O.C. MAX. @ MAX 45°
 - #12 X 2 TYPE A HEX HEAD SCREWS W/WASHERS (TYP. OF 3)
 - PLYWOOD SHEATHING
 - ROOF PURLIN
 - ATTACH 12GA. BRACE WIRES TO EYE LAG SCREWS AND TO ROOF PURLINS @8'-0" O.C. ENDS TO HAVE 4 TIGHT WRAPS IN 1-1/2"
 - 1/4" 2-1/2" EYE LAG SCREW @8'-0" O.C. (2" EMBEDMENT)
 - ATTACH PER ROOF FRAMING PLAN (TYP.)
 - PLENUM
 - DUCTWORK (RIGID)
 - ROOF PURLIN
 - TRANSFER BOX
 - ROOF CHANNEL
 - 16d @ 16" O.C.



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DIV. OF THE STATE ARCHITECT
A 03 117210
AC/ FLS M/S S
Date JUL 18 2016

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

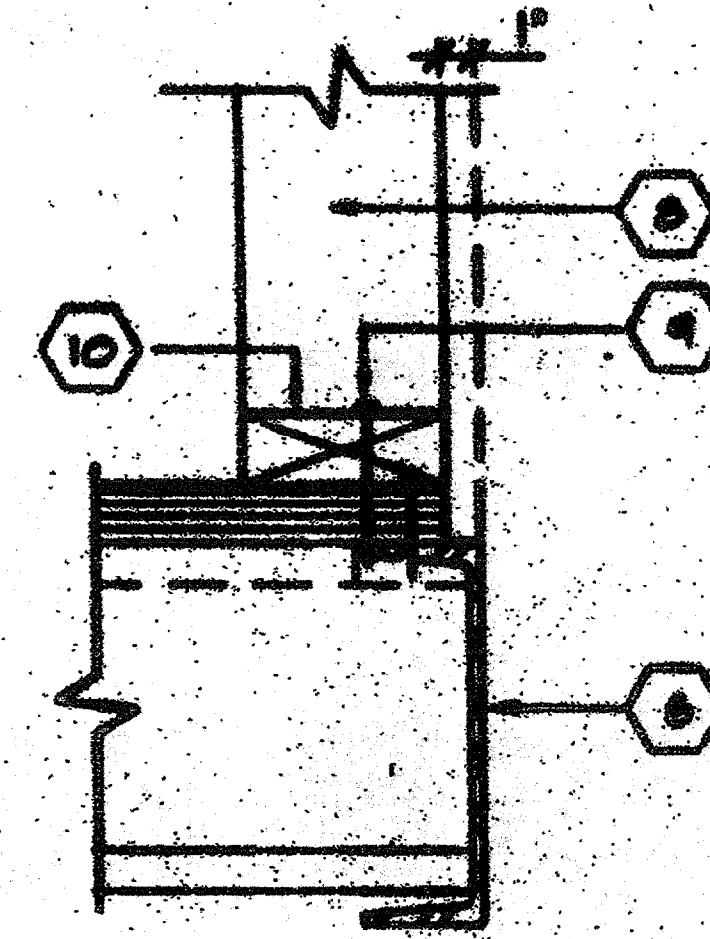
JOB # 2703-2 © MODTECH INC. 1994
 GLENDALE USD
 FRANKLIN ELEM. SCHOOL
 APPR. 2/19/97
 DATE MAY 11 1998



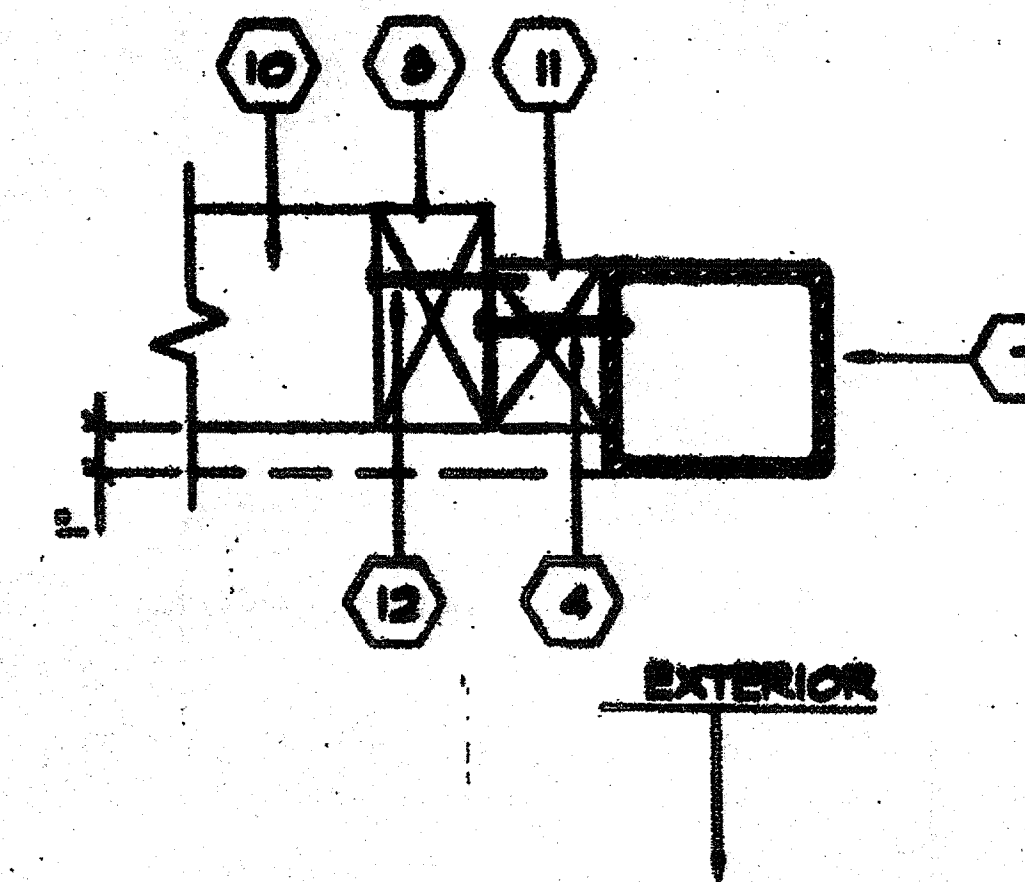
FRAMING DETAILS S5.1
"AS BUILT"

KEY NOTES

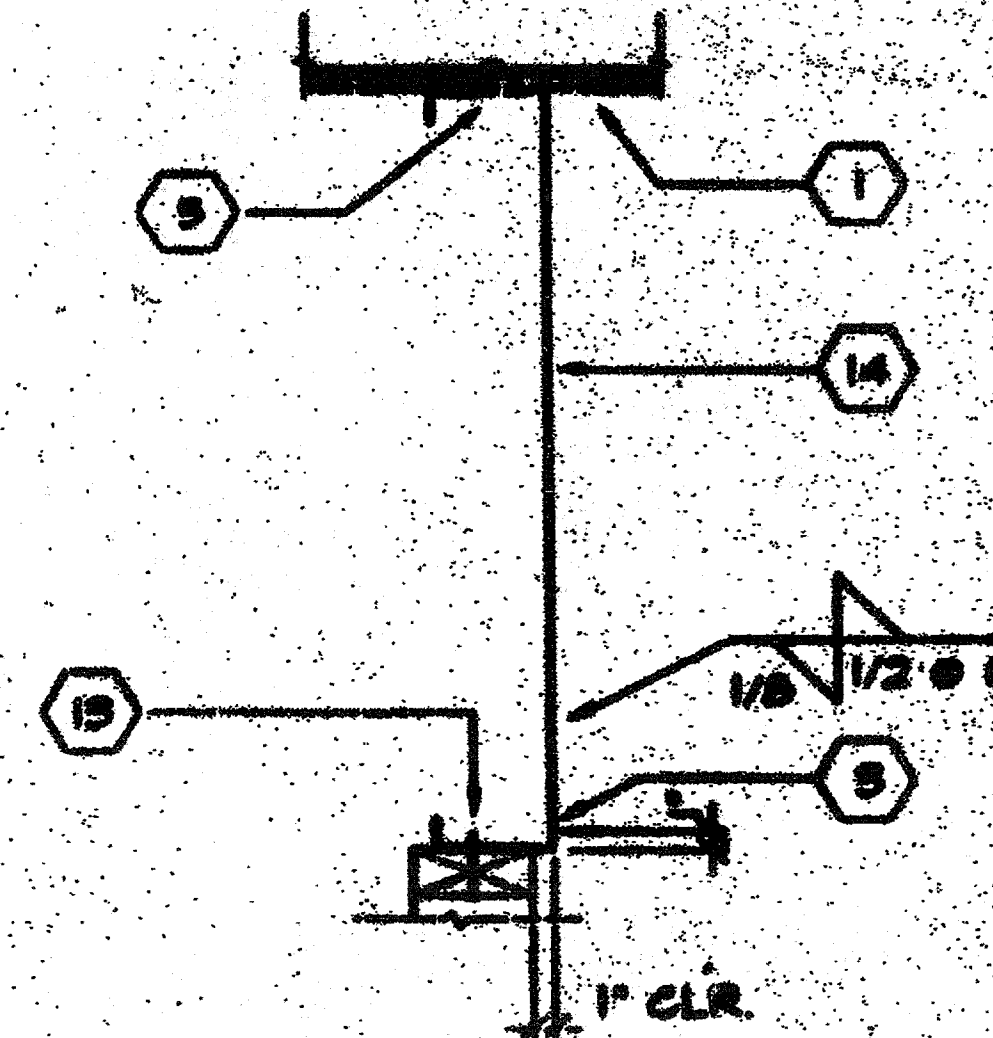
- ① PLYWOOD ROOF SHEATHING
- ② [10GA.X ROOF BEAM
- ③ 1 1/2 X 1 1/2 X 10GA. <
- ④ 90 STAMPS @ 24" O.C. (ALT. WELD DN. SHOT PIN)
- ⑤ EN. PLYWOOD TO ROOF BEAM. (SEE STRUCTURAL)
- ⑥ FLOOR BEAM (SEE STRUCTURAL)
- ⑦ TUBE STEEL COLUMN.
- ⑧ 2X4 STUD @ 16" O.C. TYP.
- ⑨ 16d BOX NAILS @ 8" O.C.
- ⑩ 2X4 SOLE PLATE.
- ⑪ 2X TRIMMER @ CORNER.
- ⑫ 16d @ 24" O.C.
- ⑬ 0.143" @ SHOT PINS @ 16" O.C. OR 90 ST.S.M.S @ 16" O.C. OR AEROSMITH AKN 144.0115 DRIVE PIN.
- ⑭ [12GA.X HEADER
- ⑮ 10 GA. STIFFENER PLATE @ 4'-0" O.C.



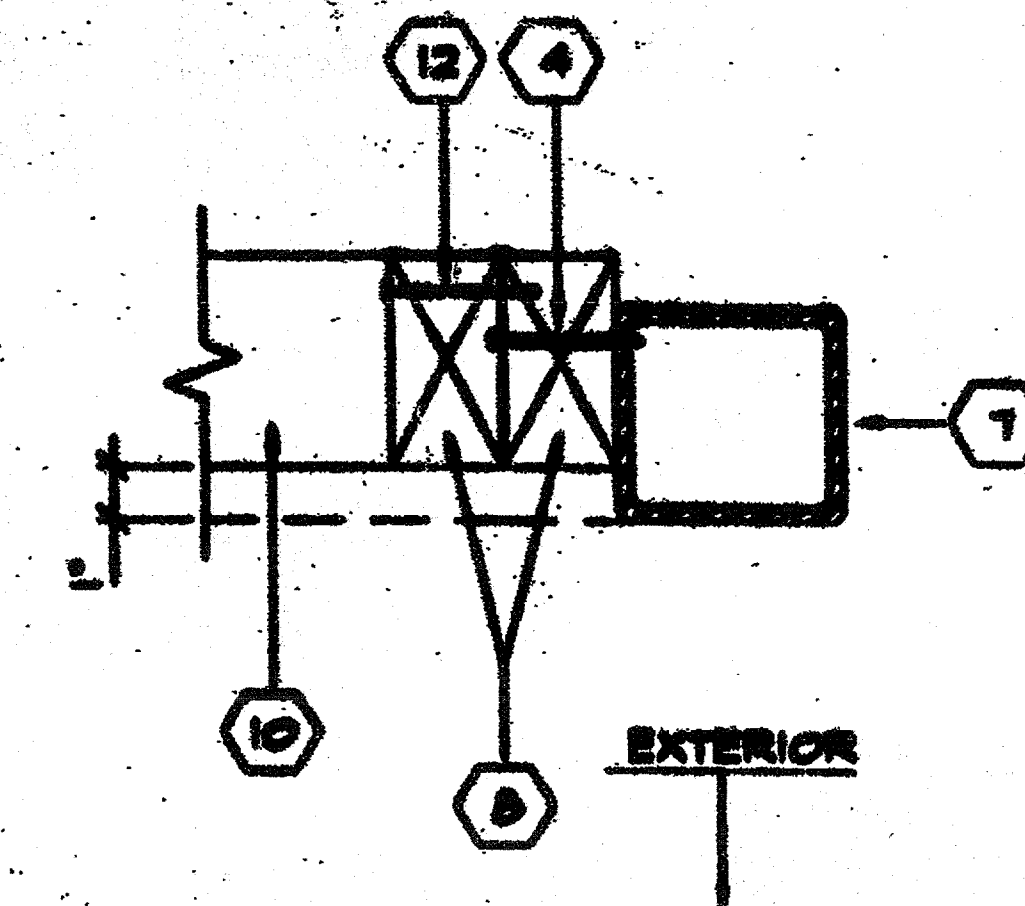
SCALE: 3/4"=1'
WALL SILL @ FLOOR ④



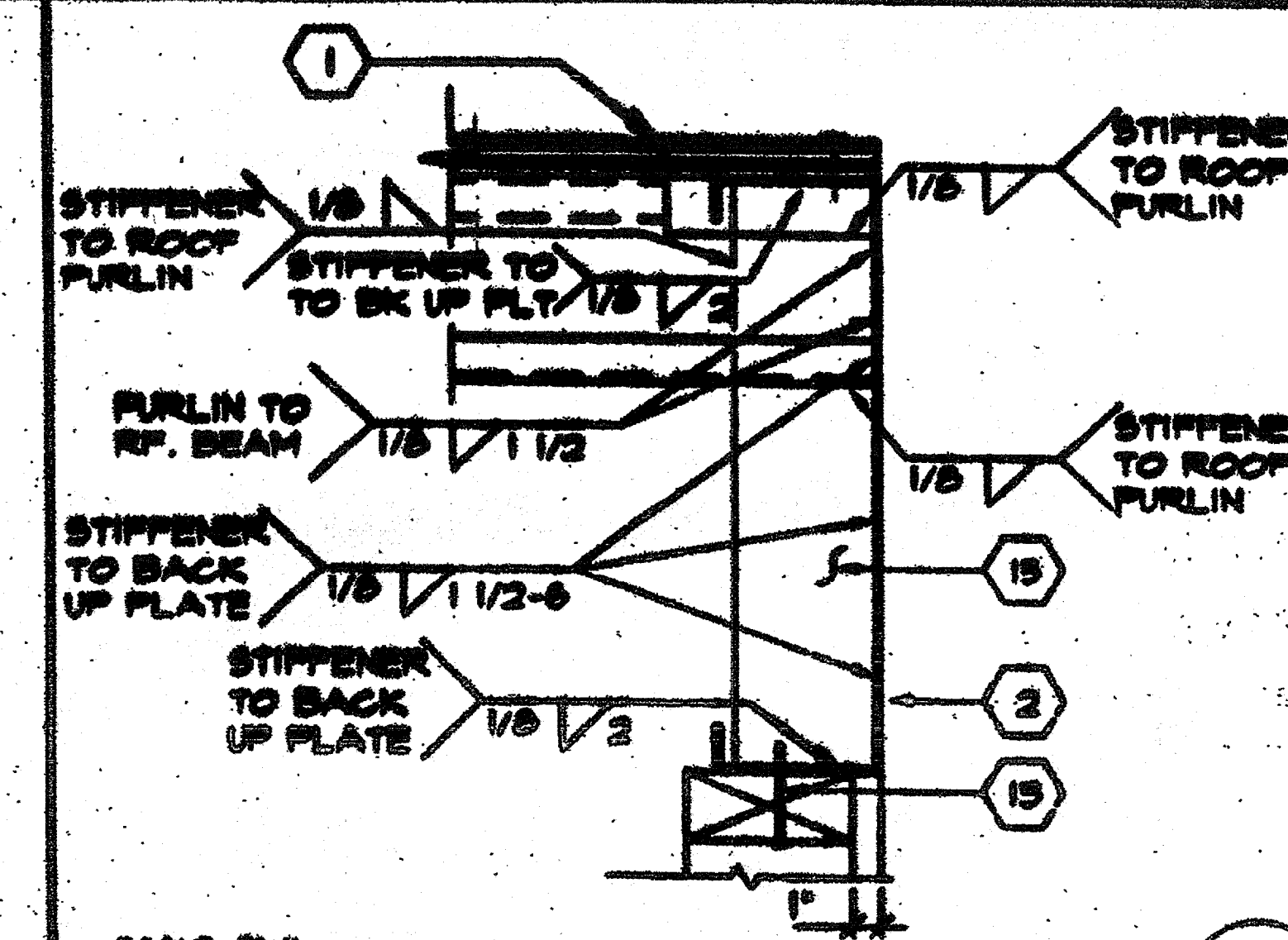
SCALE: 3/4"=1'
COLUMN @ END WALL. ①



SCALE: 3/4"=1'
END WALL @ ROOF ⑤



SCALE: 4"=1'
COLUMN @ SIDE WALL ②



SCALE: 3/4"=1'
ROOF PURLIN @ ROOF BEAM ③

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DIV. OF THE STATE ARCHITECT
A 03 117210
AC / FLS M'SS / J
Date Jul 18 2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF PLANNING & PERMITS

APPL 10 28 7
AC / FLS / SS / J
DATE MAY 11 2008



REVISIONS ELECTRICAL MECHANICAL STRUCTURAL ARCHITECT DIVISION OF THE STATE ARCHITECT

MODTECH INC.
2830 BARRETT AVE.
PERRIS, CA. 92572
PH. (909) 943-4014
FX. (909) 940-0427

NO. 1703-A
GLENDALE U.S.D.
FRANKLINELEM. SCHOOL

APPR: 10 28 7
AC / FLS / SS / J
DATE MAY 11 2008

DRAMA BY RS
DATE 9-12-04
CHECKED BY
DATE

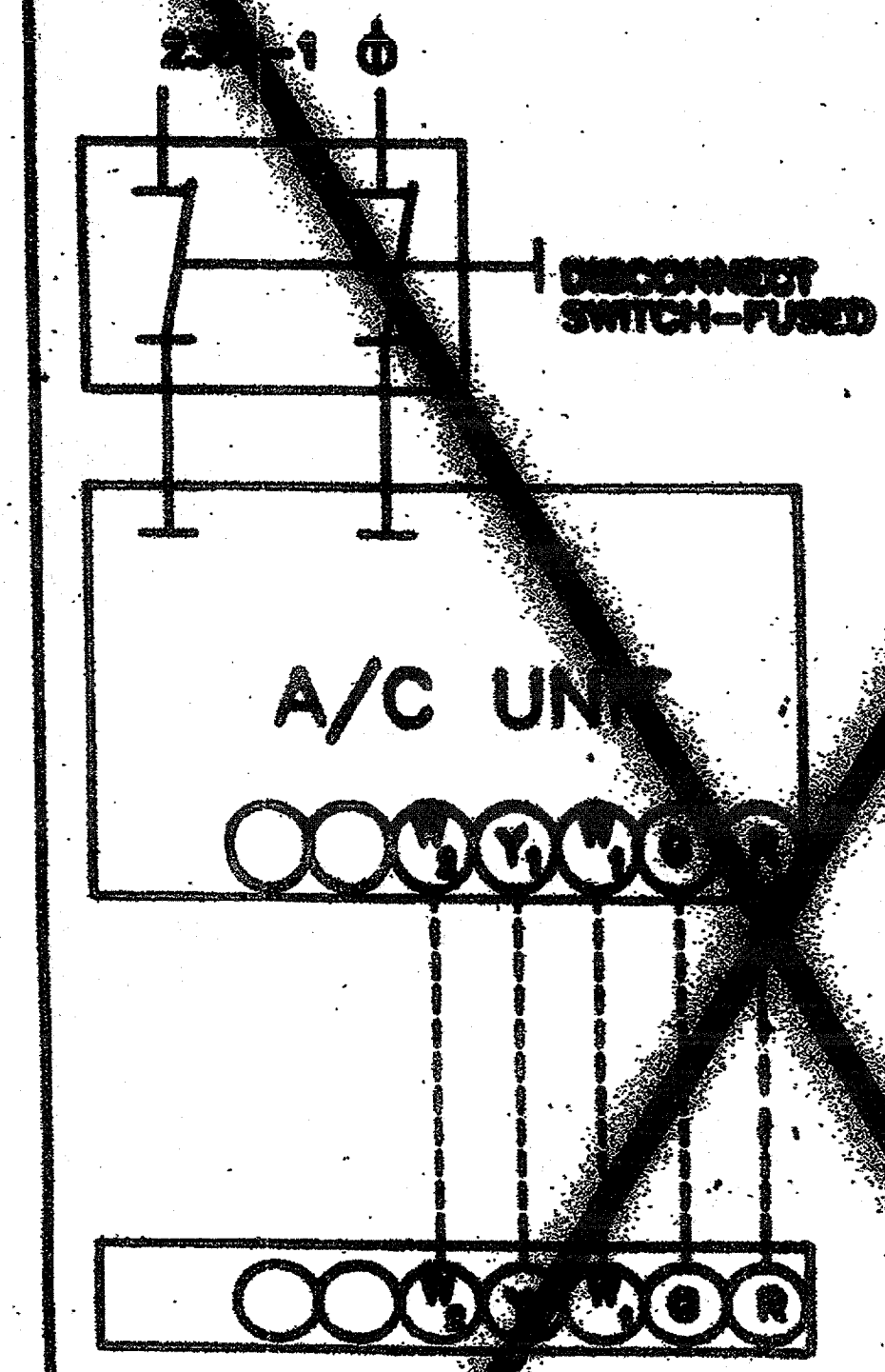
WALL FRAMING DETAILS 55.2

"AS BUILTS"

KEY NOTES

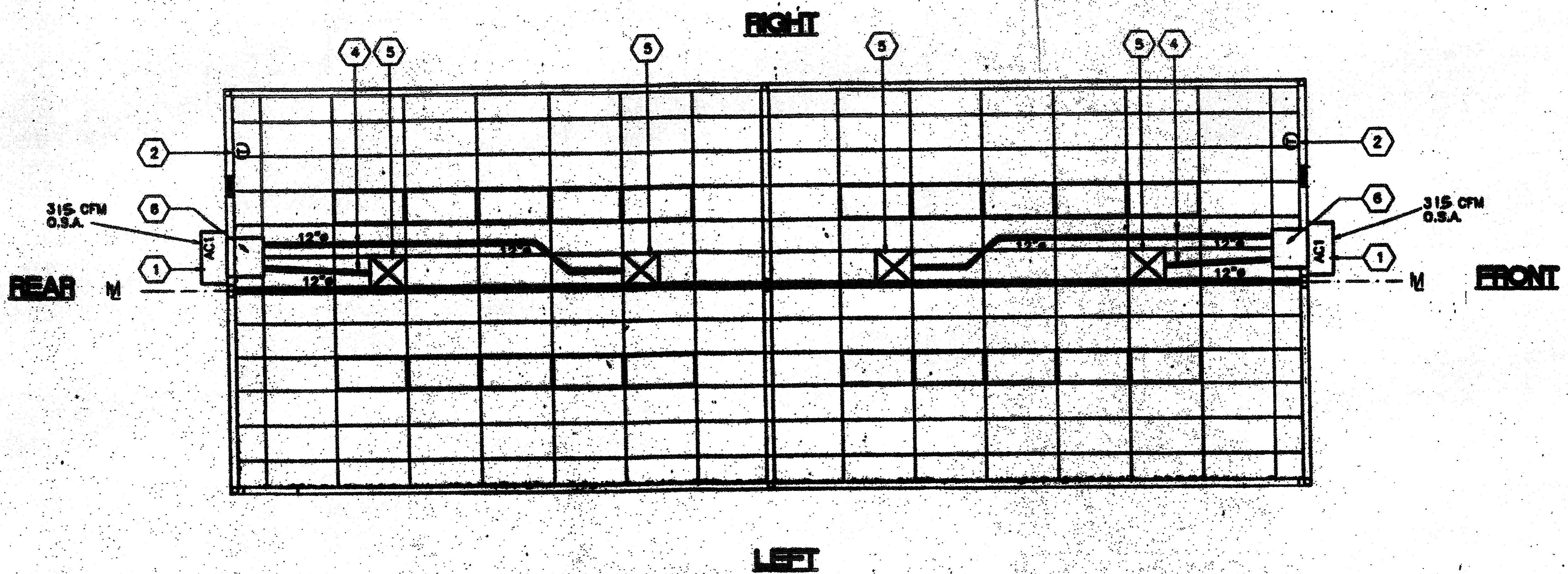
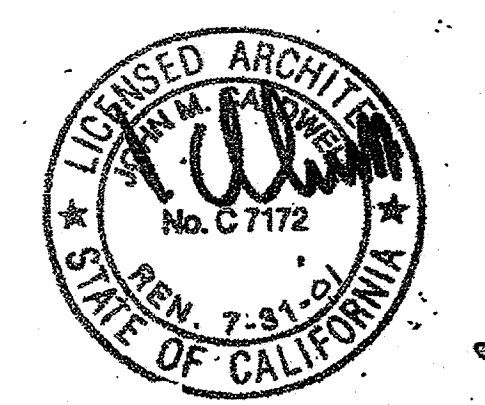
- ① AC
1 BARD MODEL PWH361-ADD WALL MOUNTED HEAT PUMP
35,800 BTU COOLING, SEER = 10.00
1100 CFM @ .3" S.P., WT. = 350 LBS.
208/230V - 1ϕ - 90 CY, MAX FLA = 20 AMPS
MAXIMUM FUSE = 40 AMP
- ② T THERMOSTAT-WHITE ROGERS IP92 +48° A.F.P.
- ③ NOT USED
- ④ 12" ϕ FLEX DUCT (SEE SPECS)
- ⑤ ⊗ 15X15 4W SUPPLY AIR GRILLE
- ⑥ 10"x30"x2' PLENUM (SEE SPECS)

CONTROL SCHEMATIC



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A 03 117210
AC / FLS / SS 9/1
Date JUL 1 2016

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OFFICE OF PUBLIC AFFAIRS
APPL 101-247
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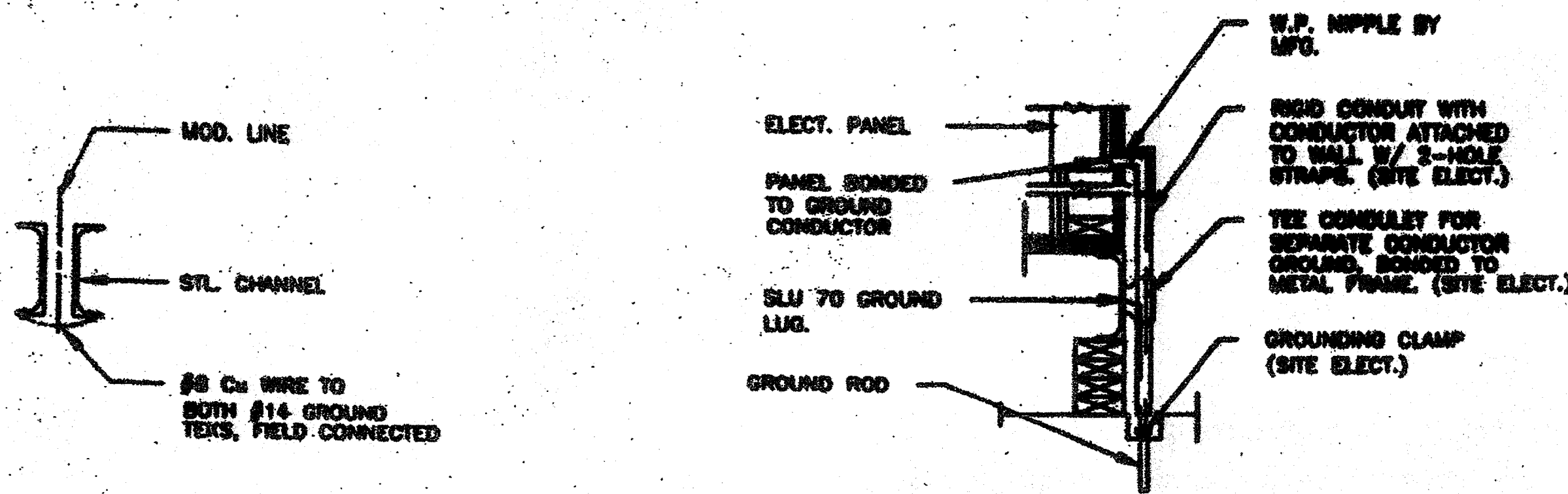


SCHOOL EQUIPMENT ANCHORAGE
THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:
THE ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C.C.S. TITLE 24, DIVISION 2212 (2) AND TITLE 24-7, ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT. WEIGHTS LESS THAN 400 LBS. AND HANG EQUIPMENT WEIGHTS LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLAN.
FOR MECHANICAL DRAWINGS:
ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION LEADING THE FOLLOWING CRITERIA:
EQUIPMENT ON BRACE SIZE OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE SIZE OF OPERATING WEIGHT
FOR FLEXIBLE MOUNTED EQUIPMENT USE 1/2 THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCES USE 1/3 OF THE HORIZONTAL FORCE.
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR 1 = 1.0 AND SEISMIC ZONE 4, S = 0.4.
ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWING THE FIELD ENGINEER SHALL REFER TO THE OFFICE OF THE MECHANICAL ENGR. AND THE FIELD ENGINEER OF THE DEPARTMENT OF THE STATE ARCHITECT.

MECH. (HVAC) PLAN BLDG TYPE 1/3
SCALE 1/4"=1'-0"

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	JOB # 2705 GLENNIE U.S.D. FRANKLIN ELEM. School	MODTECH INC. 1994	DATE
							APPROVED: [Signature] DATE: APR 12 2016		DATE
MECHANICAL (HVAC)								M1.2	

"AS BUILTS"



JUMPER @ MOD. LINE TYP. GROUNDING DETAIL

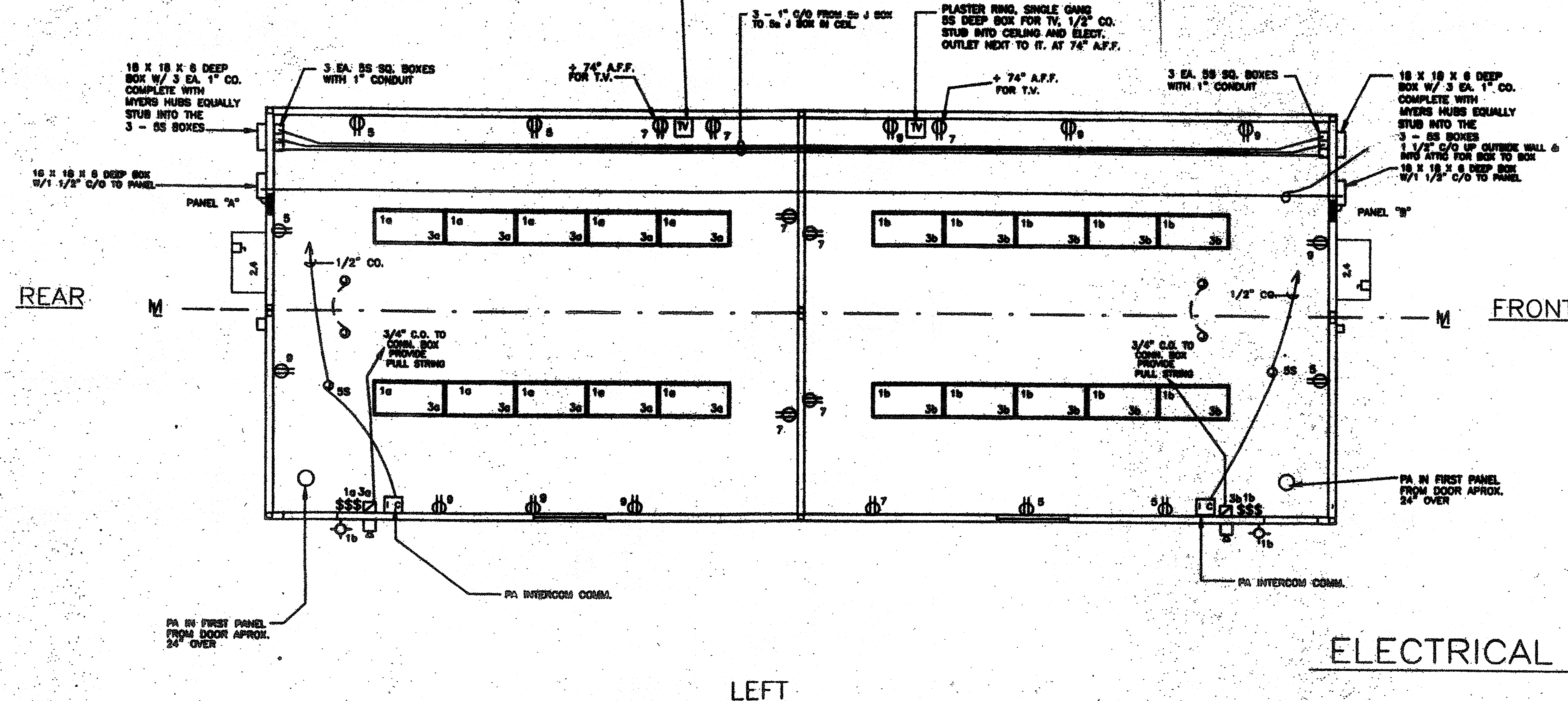
- EACH BUILDING SHALL BE SEPARATELY GROUNDING WITH A 3/4" ROD, COPPER/CLAD STEEL GROUND ROD. WHERE ROD BOTTOM IS MODIFIED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
- TESTING TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-8" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, SECTION 2312(G), TABLE 23-P.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THE FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAY BE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUNDING TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR
- GROUNDING SHALL BE IN ACCORDANCE WITH C.E.C. ART. 286.

VOLTS: 120/240 V		PANEL: A		FEED BOTTOM	
MAIN: 100 A		LOCATION: FRONT WALL		MOUNTING: RECESSED	
LOAD	WATTS	BREAKER	AF	BF	LOAD
INT/EXT LIGHT	780	20	11	11	HVAC 3T
INT. LIGHTS	700	20	13	13	HVAC 3T
RECEPTS	540	20	15	15	
RECEPTS	720	20	17	17	
FA (HORN)	40	20	19	19	
			13	13	
			14	14	
			15	15	
			16	16	
			17	17	
WATTS/PHASE A = 4420		2020 1480		2400 2400 B = 3860	
TOTAL: 2645 WATTS		37 AMPS 120/240 VOLTS		1 # 3 WIRE	
NCL = 6'820		LCL = 1480 X 1.25 = 1825			

VOLTS: 120/240 V		PANEL: B		FEED BOTTOM	
MAIN: 100 A		LOCATION: FRONT WALL		MOUNTING: RECESSED	
LOAD	WATTS	BREAKER	AF	BF	LOAD
INT/EXT LIGHT	780	20	11	11	HVAC 3T
INT. LIGHTS	700	20	13	13	HVAC 3T
RECEPTS	540	20	15	15	
RECEPTS	720	20	17	17	
FA (HORN)	40	20	19	19	
			13	13	
			14	14	
			15	15	
			16	16	
			17	17	
WATTS/PHASE A = 4420		2020 1480		2400 2400 B = 3860	
TOTAL: 2645 WATTS		37 AMPS 120/240 VOLTS		1 # 3 WIRE	
NCL = 6'820		LCL = 1480 X 1.25 = 1825			

SCHOOL EQUIPMENT ANCHORAGE
 THE FOLLOWING IS FOR THE ELECTRICAL ENGINEER'S INFORMATION ONLY:
 THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.E.C. TITLE 24, SECTION 2312 (G) AND TABLE 23-P. ANCHORAGE DETAILS FOR ROOF / FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.
FOR ELECTRICAL DRAWINGS
 ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
 EQUIPMENT ON GRADE 50% OF OPERATING WEIGHT
 EQUIPMENT ON STRUCTURE 50% OF OPERATING WEIGHT
 FOR FLEXIBLE MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.
 THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR: I = 10 & SEISMIC ZONE: Z = 04.
 WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD ENGINEER OF THE DIVISION OF THE STATE ARCHITECT.

PLASTER RING, SINGLE GANG 65 DEEP BOX FOR TV, 1/2" CO. STUB INTO CEILING AND ELECT. OUTLET NEXT TO IT, AT 74" A.F.F.

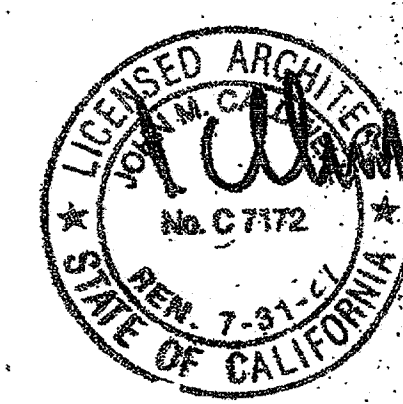


LEGEND

- FLUORESCENT LIGHT, 2' X 4' PRUDENTIAL P8623XCTE - PRA - AB7RWX1 - 120
- ⊕ EXTERIOR LIGHT FIXTURE, + 90" AFF UNO
- ⊖ DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE, + 18" AFF UNO
- ⊙ "J" BOX
- ⊕ "J" BOX CROSS OVER
- ⊖ 6 X 6 X 4 WP GUTTER BOX FOR FA, + 18" A.F.F. 3/4" C/O. TO □ PULLSTRING
- ELECTRICAL PANEL + 60" AFF UNO
- ⊙ SWITCH, + 48" AFF UNO
- ⊕ 4g J BOX FOR FA, PULLSTATION + 48" A.F.F. 3/4" C/O. TO □ PULLSTRING
- ⊖ 4g J BOX FOR EXT. FA. HORN + 102" A.F.F. 3/4" C/O. TO □ PULLSTRING
- ⊖ 5S J BOX FOR TV
- ⊙ P.A. 4g J BOX
- ⊖ 4g J BOX, 3/4" C.O.

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 DATE 10/1/28



ELECTRICAL PLAN BLDG TYPE 3 SCALE 1/4"-1'-0"

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT	MIDTECH INC.	GLLENDALE U.S.D.	DATE	BY
						2830 BARRETT AVE. PERRIS, CA. 92572 PH. (909) 943-4014 FX. (909) 940-0427	FRANK L. INJELEM, SCHOOL	8-10-96	RS

ELECTRICAL PLAN E1.3A

"AS BUILTS"

MODTECH DESIGN MT-2440

PC 04-101268

RELOCATABLE CLASSROOM BUILDINGS

BUILDING SIZE: (4) 24'x40'

JOB #3501

GLENDALE SCHOOL DISTRICT

GLENDALE HIGH SCHOOL

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
 TYPE OF CONSTRUCTION: V-N
 WIND LOAD (EXP C): 70 MPH,
 FLOOR LIVE LOAD: 50+20 PSF
 ROOF LIVE LOAD: 20 PSF
 OCCUPANCY: 24'x40' CLASSROOM: E-2

BUILDING AREA:
 24'x40' BUILDING - 960 SF

APPLICABLE CODES

- 1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR
- 1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (1997 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (1996 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS)
- 1998 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 CCR
- (1980 TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)

APPLICABLE STANDARDS

- NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS - 1996 EDITION
- NFPA 14 - STANDPIPE SYSTEMS - 1993 EDITION
- NFPA 17A - WET CHEMICAL SYSTEMS - 1990 EDITION
- NFPA 24 - PRIVATE FIRE MAINS - 1992 EDITION
- NFPA 72 - NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) - 1996 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
- NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS - 1989 EDITION
- NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS - 1994 EDITION (REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC (SFM) 3504.1)

LEGEND

SYMBOL	DESCRIPTION
	DETAIL (1) ON SAME SHEET AS SYMBOL
	DETAIL (1) ON SHEET (2)
	KEY NOTE (1) ON SAME SHEET AS SYMBOL
	SECTION "A" ON SHEET (2)
	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
	HIGHLIGHTS CHANGED AREA
	DOOR REFERENCE
	WINDOW REFERENCE
	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
	FINISH ITEM(S) SEE FINISH SCHEDULE
	RAMP - SEE RAMP DRAWINGS

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESIDER OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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SHEET INDEX

ARCHITECTURAL	
A0.01	COVER SHEET
A1.01	FLOOR PLAN - 24'x40'
A2.02	ROOF PLAN - 26 GA - MONO PITCH
A2.03	ROOF DETAILS - 26 GA
A3.11	EXTERIOR ELEVATIONS - 26 GA - MONO PITCH - 24'x40'
A4.01	INTERIOR ELEVATIONS - 24'x40'
A5.01	DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A6.01	ARCHITECTURAL DETAILS - WOOD STUDS
A7.01	REFLECTED CEILING PLAN - 24'x40'
A7.11	REFLECTED CEILING DETAILS

STRUCTURAL

F1.01	FOUNDATION PLAN - WOOD - 24'x40' - 50+20 PSF
F1.21	FOUNDATION DETAILS - 50+20 PSF
S1.01	FLOOR FRAMING PLAN - WOOD DECK
S2.02	ROOF FRAMING PLAN - 26 GA - MONO PITCH
S3.02	STRUCTURAL FRAMING - 26 GA - MONO PITCH
S4.01	WALL FRAMING - WOOD STUDS
S4.02	WALL FRAMING DETAILS - WOOD STUDS

MECHANICAL

M1.01	HVAC PLAN - 24'x40'
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ELECTRICAL

E1.01	ELECTRICAL PLAN - 24'x40'
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RAMP

R1.01	RAMP/LANDING PLAN
R1.02	RAMP/STAIRS DETAILS

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ABBREVIATIONS

- AGC = ABOVE GRADE CONCRETE
- BGC = BELOW GRADE CONCRETE
- DIA = DIAMETER
- CLR = CLEAR
- GA = GAUGE
- SIM = SIMILAR
- MAX = MAXIMUM
- MIN = MINIMUM
- NIC = NOT IN CONTRACT
- NTS = NOT TO SCALE
- OC = ON CENTER
- OD = OUTSIDE DIAMETER
- OSB = ORIENTED STRAND BOARD
- SIM = SIMILAR
- STS = SELF TAPPING SCREW
- STSMS = SELF TAPPING SHEET METAL SCREW
- TYP = TYPICAL
- UON = UNLESS OTHERWISE NOTED
- ROH = ROOF OVERHANG

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal

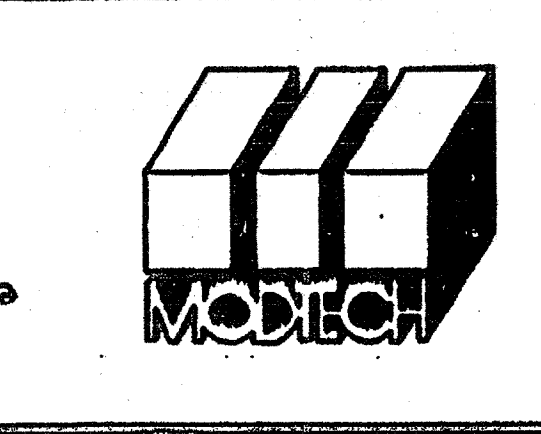
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Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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 K.C. D. Fencel



MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

PROJECT NUMBER: 3501
 GLENDALE U.S.D.
 GLENDALE HIGH SCHOOL

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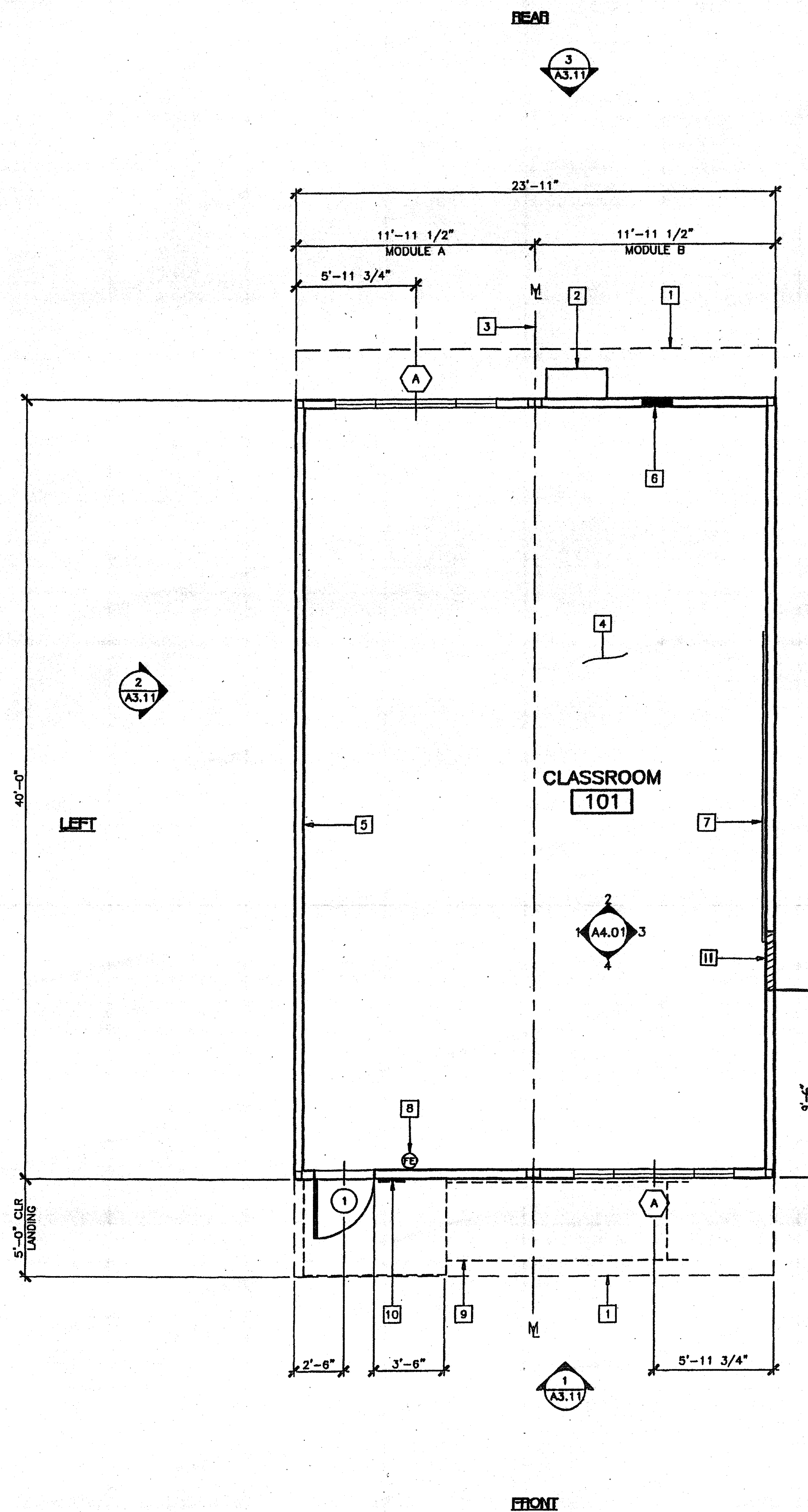
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COVER SHEET

MODTECH Index No.
A0.01

FILE PATH: 2440-A0-01.DWG

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24'x40'



KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT (HV)
- 3 MODLINE (M)
- 4 FINISH FLOORING (FIN)
- 5 INTERIOR FINISH (FIN)
- 6 ELECTRICAL PANEL (EL)
- 7 2- 8'X4' PORCELAIN STEEL MARKER BOARDS
- 8 FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
- 9 RAMP/LANDING (RMP)
- 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
- 11 PROVIDE BLOCKING FOR TV BRACKET SEE A4.01, S401

NOTES

- 1. METAL TAG ON ALL MODULES, MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING, SHOW DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF AND FLOOR DESIGN LIVE LOAD AND DESIGN WIND LOAD
- 2. INSULATION MATERIALS INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
 (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
 (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH
 (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
- 3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
- 4. DISTRICT TO PROVIDE OCCUPANT LOAD SIGN PRIOR TO OCCUPANCY.

FLOOR PLAN

SCALE: 1/4" = 1'-0" (24'x40')

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REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
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3				
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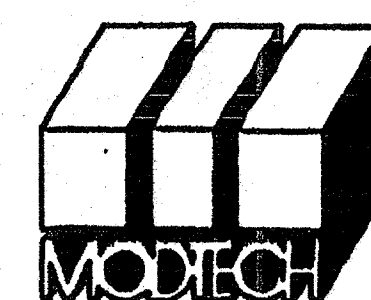
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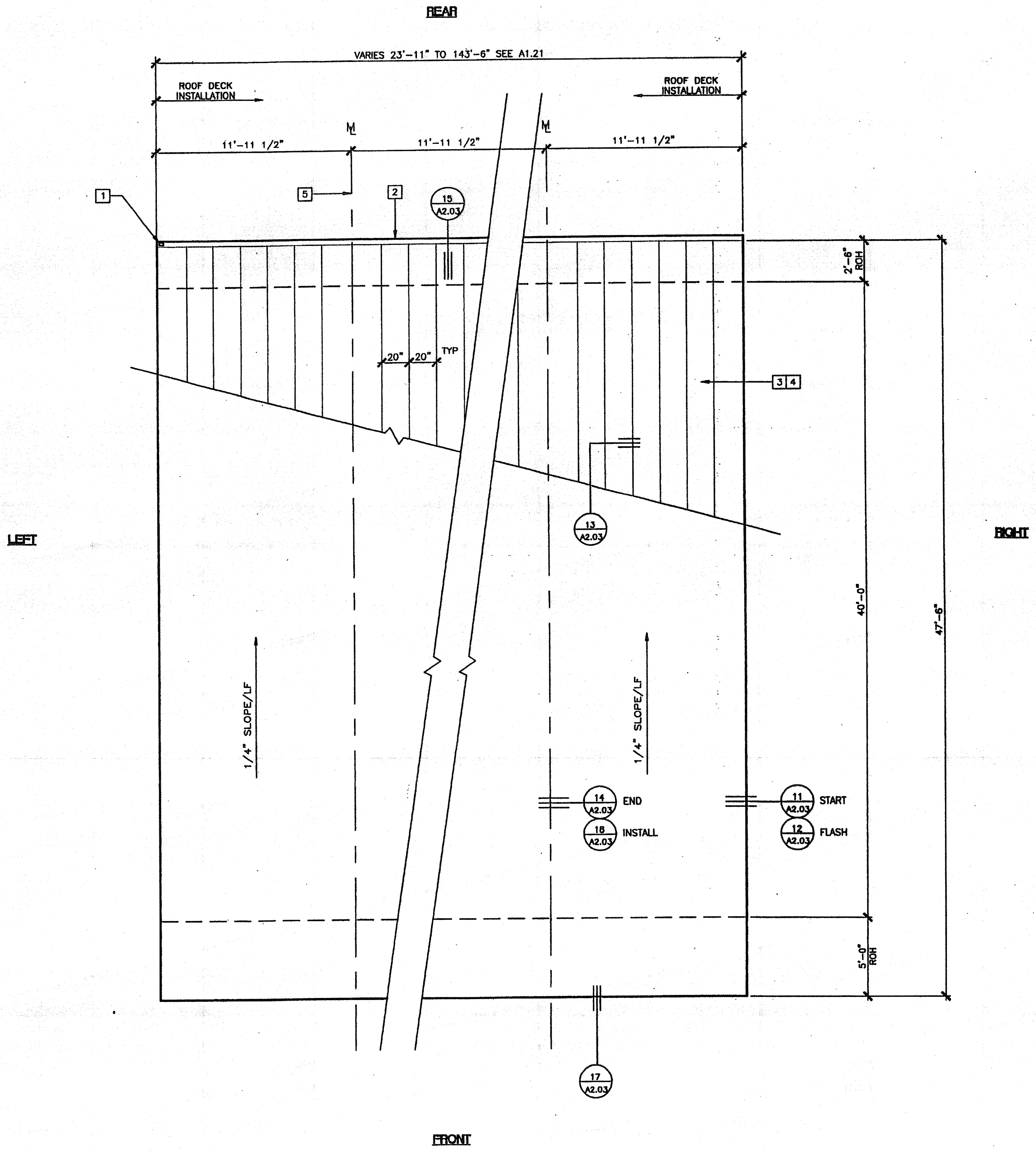
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FLOOR PLAN

24'x40'

A1.01

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24 X40 FILE PATH: 2440-A1.01.DWG



- KEY NOTES**
- 1 DOWNSPOUT - SEE A3.11 FOR SPECIFIC LOCATIONS.
 - 2 CONTINUOUS GUTTER 26GA.
 - 3 26GA. MIN.-INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MH) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD - CLASS A ROOFING SYSTEM
 - 4 AS AN ALTERNATE TO 3/4" CDX PLYWOOD USE 3/4" LOUISIANA PACIFIC OSB, SEE SPECIFICATIONS.
 - 5 MODLINE (M)

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A - CLASS A OR B.

ROOF PLAN 26 GA MONO PITCH - (23'-11" TO 143'-6")
SCALE: 1/4" = 1'-0"

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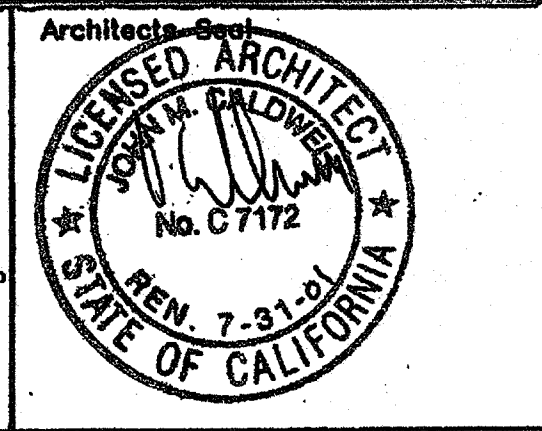
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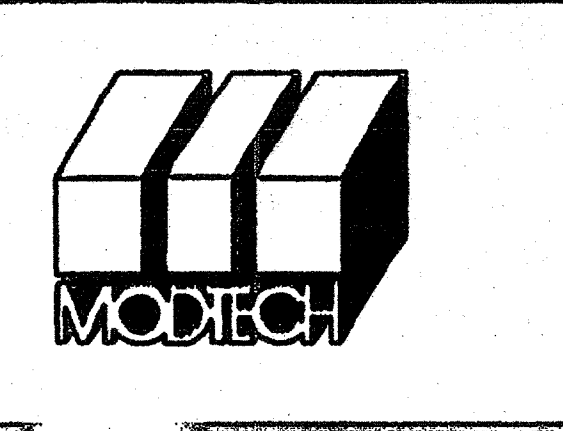
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal



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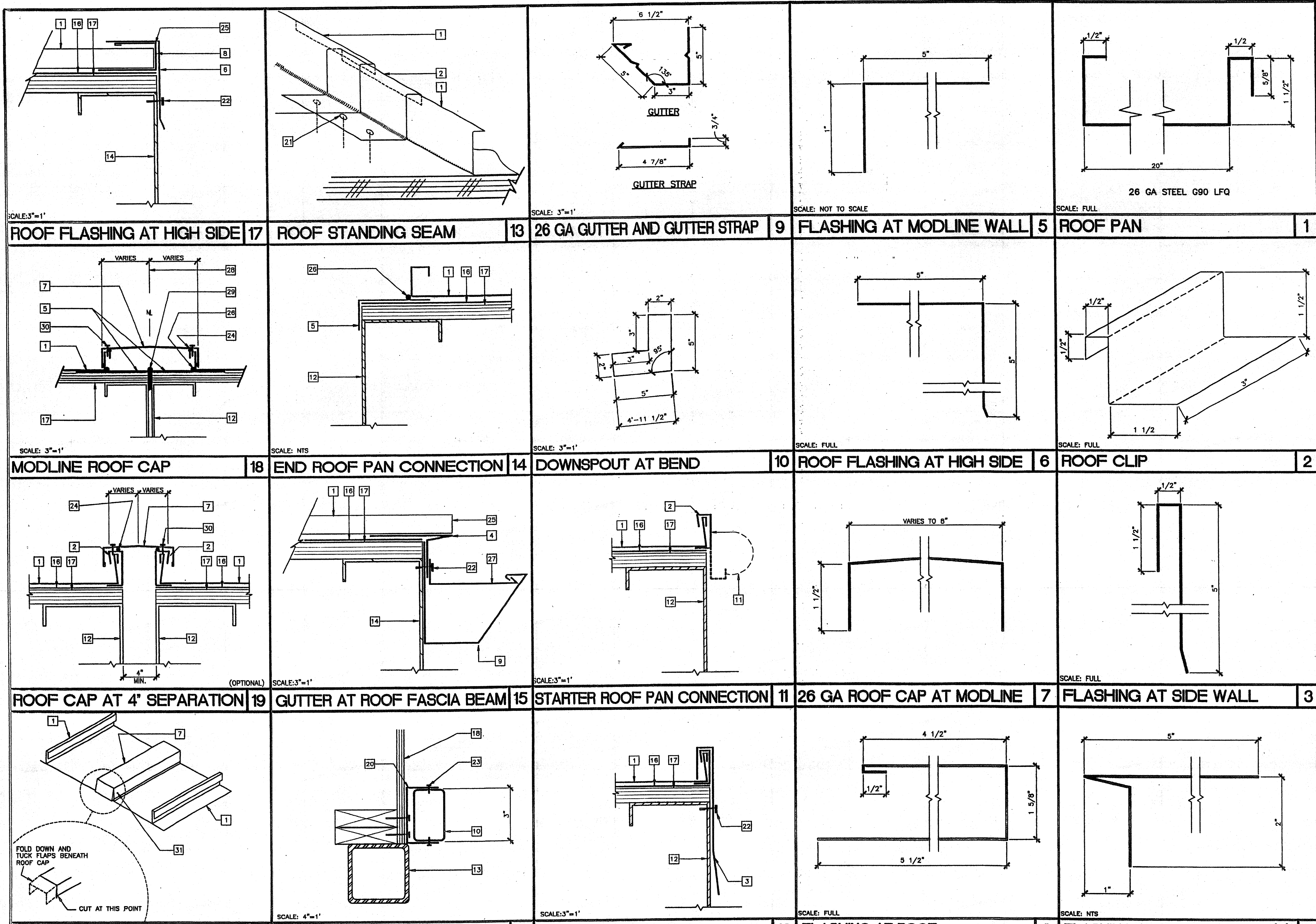
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ROOF PLAN

26 GA MONO PITCH

A2.02

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24"x40" FILE PATH: 2440-A2.02.DWG



- ### KEY NOTES
- 26 GA STANDING SEAM ROOF PAN - 1/A2.03
 - 26 GA ROOF CLIP - 2/A2.03 - AT 24" OC MAX AND 6" MAX FROM END OF ROOF
 - 22 GA GALVANIZED IRON FLASHING AT SIDEWALL 3/A2.03
 - 22 GA GALVANIZED IRON FLASHING AT LOW END OF ROOF - 4/A2.03
 - 22 GA GALVANIZED STEEL FLASHING AT MODLINE WALL - 5/A2.03
 - 22 GA GALVANIZED STEEL FLASHING AT HIGH END OF ROOF - 6/A2.03
 - 26 GA ROOF CAP AT MODLINE - 7/A2.03
 - 26 GA FLASHING AT HIGH SIDE - 8/A2.03
 - 26 GA CONTINUOUS GUTTER - 9/A2.03
 - DOWN SPOUT
 - ROOF CLIP MOUNTED UPSIDE-DOWN, BEND CLIP HEAD UP AND OVER ROOF PAN
 - ROOF BEAM (STR)
 - COLUMN
 - ROOF FASCIA (STR)
 - NOT USED
 - WEATHER PROOF MEMBRANE (25-30 LBS ASPHALT COATED)
 - PLYWOOD ROOF SHEATHING (STR)
 - TYPICAL EXTERIOR FINISH
 - NOT USED
 - ATTACHMENT BRACKET TYPICAL (3) PLACES, TOP, BOTTOM AND MIDSPAN - ATTACH TO SIDING WITH (2) #10 STSMS
 - (3) .080 x 1 1/2" SCREW SHANK NAILS - ROOF CLIP TO ROOF DECKING
 - #10 STSMS WITH NEOPRENE WASHER AT 24" OC
 - TWO FASTENERS AT EACH SIDE OF BRACKET
 - 1/4" BEAD OF SEALANT ALONG ENTIRE LENGTH OF BOTH MODLINE RIBS
 - SEALANT AT END OF SEAM
 - CONTINUOUS BEAD OF SEALANT AT JOINT BETWEEN MODLINE FLASHING AND END PAN AND AT EACH END PAN ROOF CLIP
 - GUTTER STRAP - 9/A2.03
 - MODLINE
 - CONTINUOUS SEALANT AT MODLINE JOINT
 - #10 STSMS WITH NEOPRENE WASHERS AT 36" OC ON "WET" SIDE OF SEALANT
 - #10 STSMS WITH NEOPRENE WASHERS AT EACH SIDE

REVISIONS	DESCRIPTION	DATE

Electrical Engineer's Seal
 Mechanical Engineer's Seal
 Structural Engineer's Seal
 Architect's Seal
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MODTECH INC.
 2830 BARRETT AVENUE
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A2.03

ROOFING DETAILS 26 GA

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24 X40 PC-04-101268 FILE PATH: 2440-A2.03.DWG

FILE PATH: 2440-AS.11.DWG PROJECT NO. 3501 GLENDALE U.S.D. (3) 24'x40'

KEY NOTES

- 1 TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
- 2 EXTERIOR LIGHT FIXTURE (EL)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING. - R1.01
- 5 HVAC UNIT (HV)
- 6 DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES - 16/A2.03
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
- 8 FOUNDATION VENT (SEE FOUNDATION PLAN)
- 9 FINISH FLOOR LINE
- 10 FLOOR BEAM (STR)
- 11 ROOF HEADER (STR)
- 12 TOP OF COLUMN
- 13 FINISH GRADE
- 14 ROOF BEAM (STR)
- 15 COLUMN (STR)
- 16 ELECTRICAL STUB-OUT (EL)
- 17 GROUND STUB-OUT (EL)
- 18 J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
- 19 GUTTER BOX (EL)
- 20 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

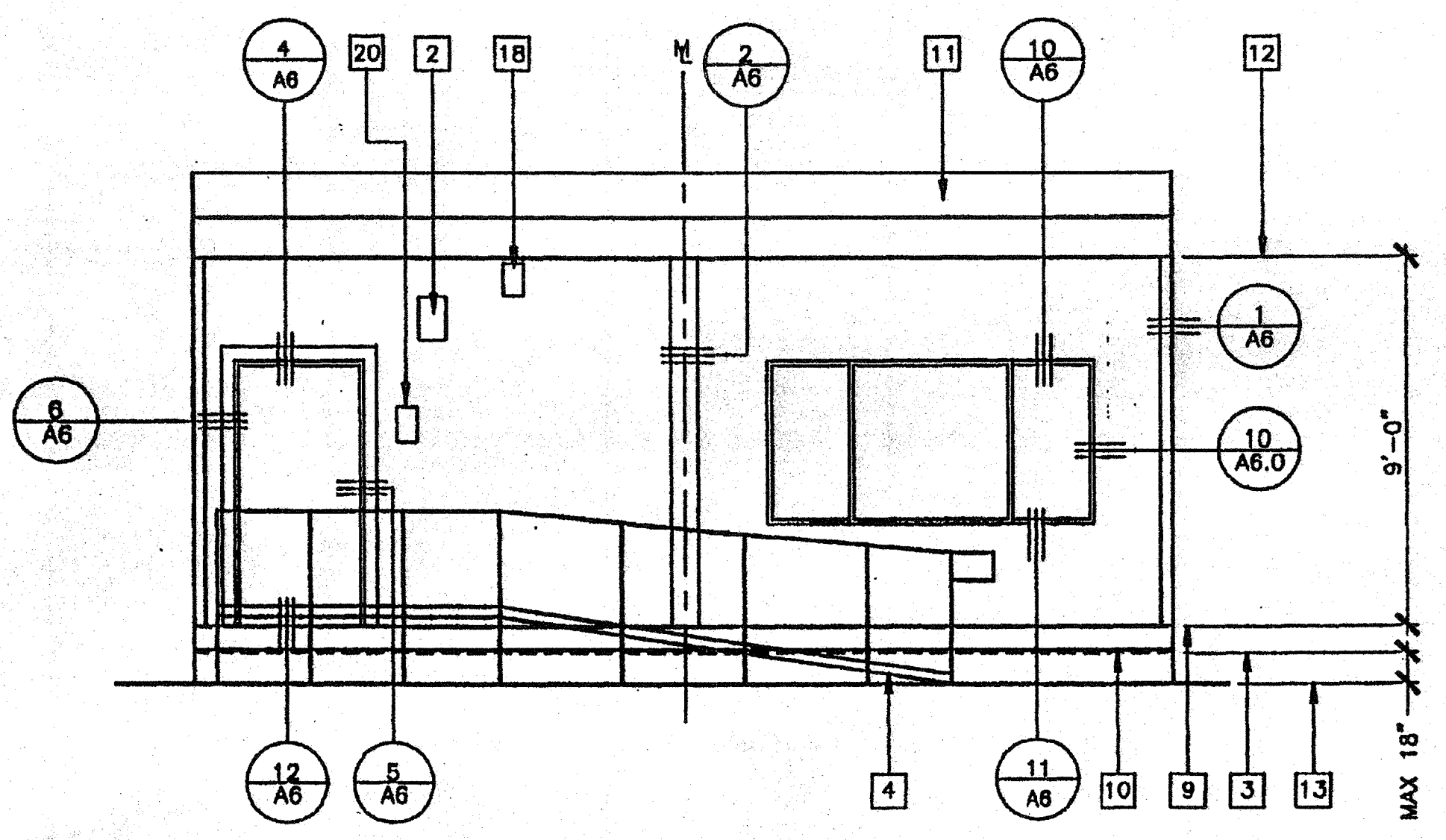
- 1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

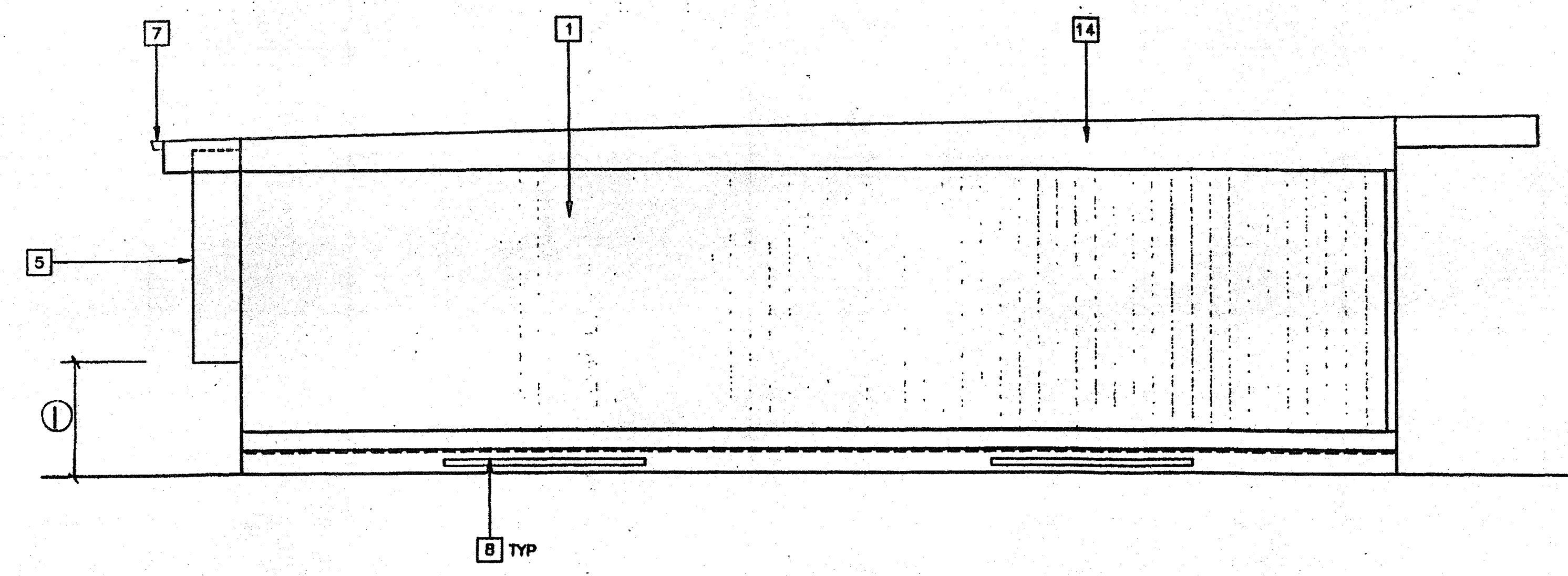
NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD - 5/8" PLYWOOD SIDING
 OPTIONAL - 5/16" GROOVED FIBER CEMENT BOARD
 OPTIONAL - 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM
 OPTIONAL - EXTERIOR PLASTER OVER LATH

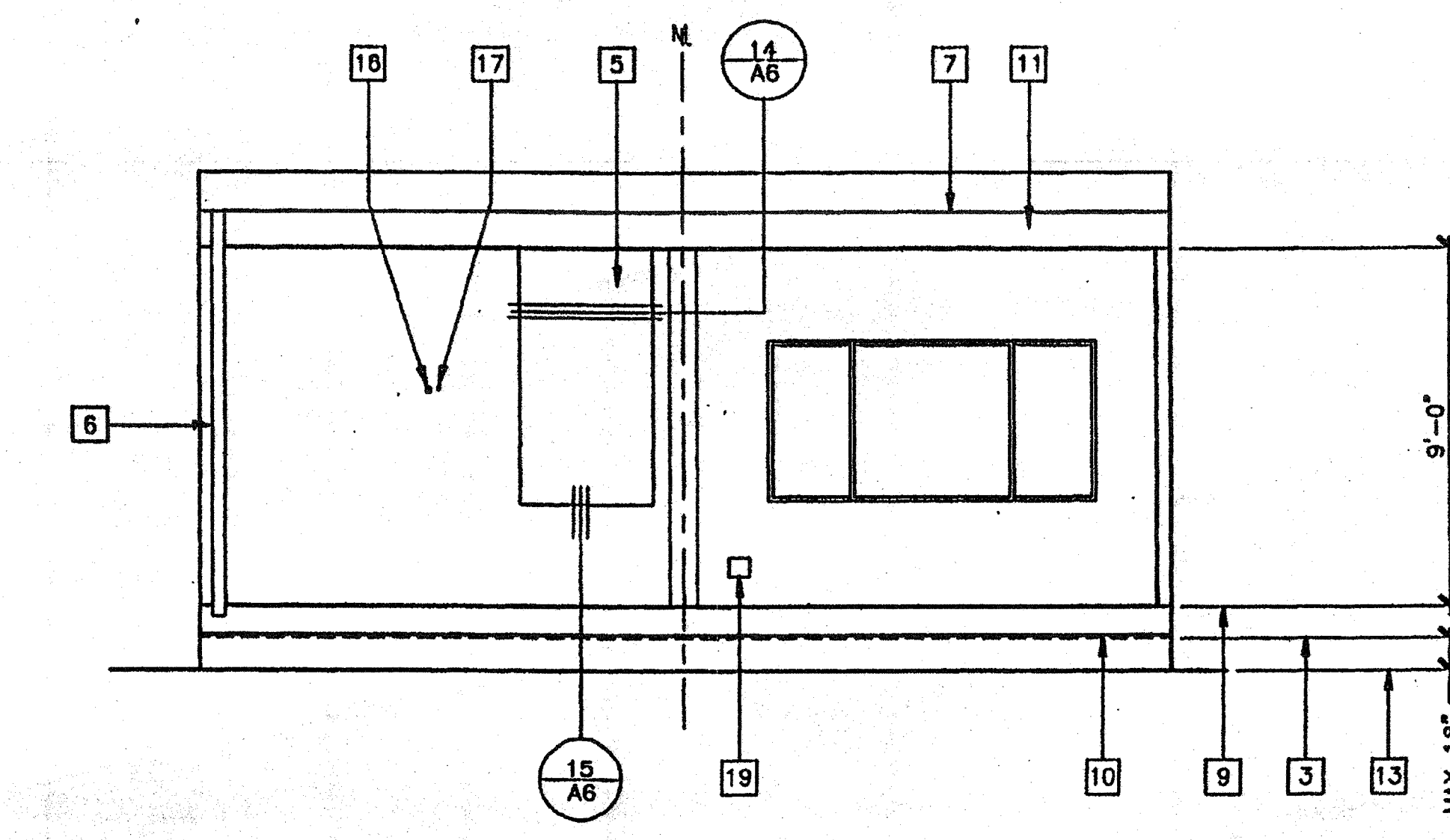
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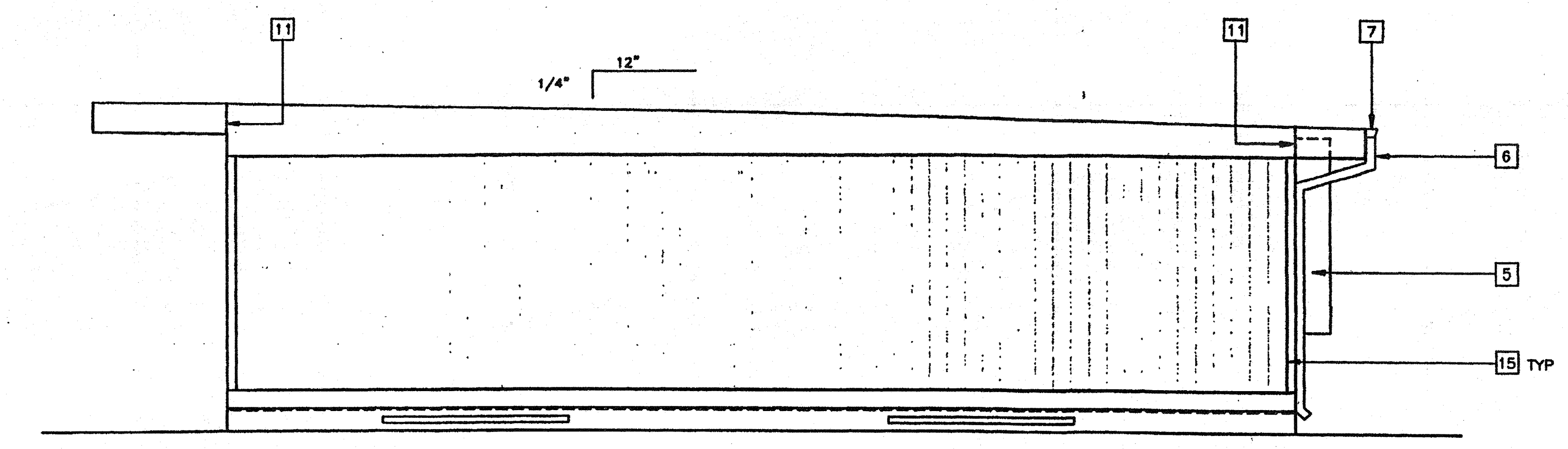
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

EXTERIOR ELEVATIONS 26 GA MONO PITCH (24'x40)
 SCALE: 1/4" = 1'-0"

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
A				
B				
C				
D				

<p>Electrical Engineer's Seal</p>	<p>Mechanical Engineer's Seal</p>	<p>Structural Engineer's Seal</p>	<p>Architect's Seal</p>
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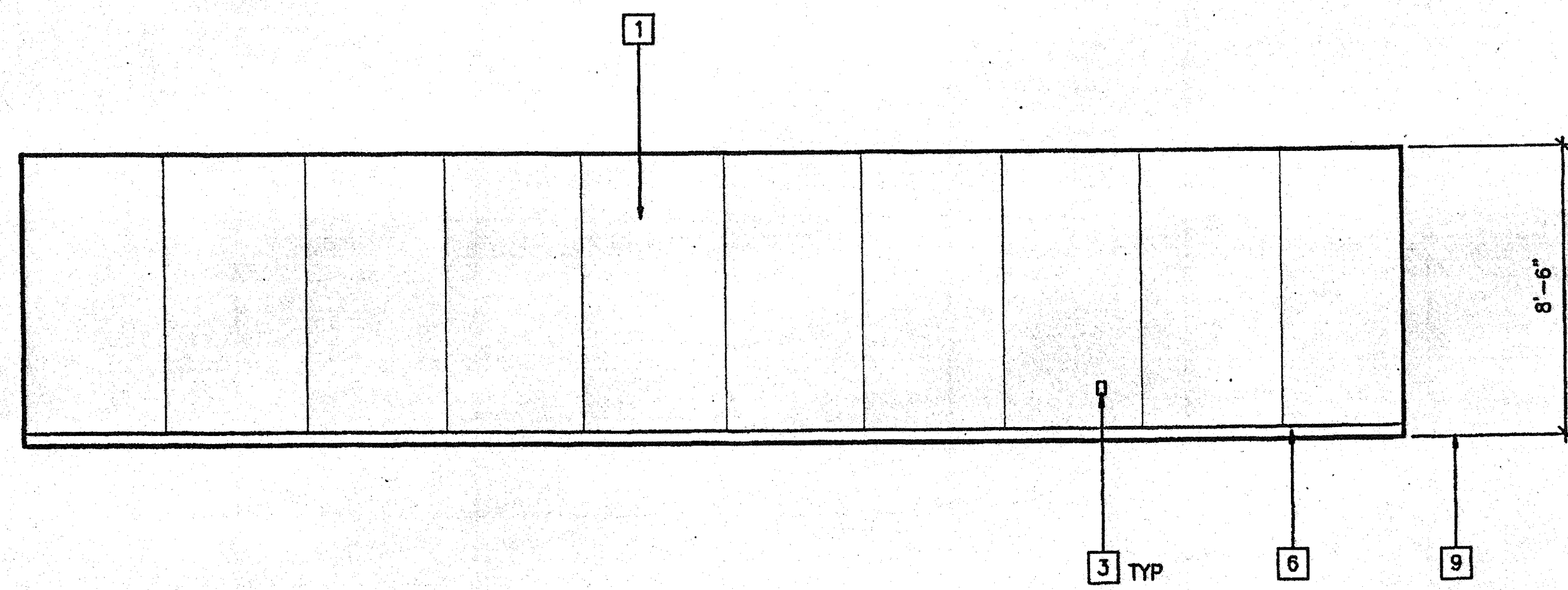
MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

PROJECT NUMBER: 3501
 GLENDALE U.S.D.
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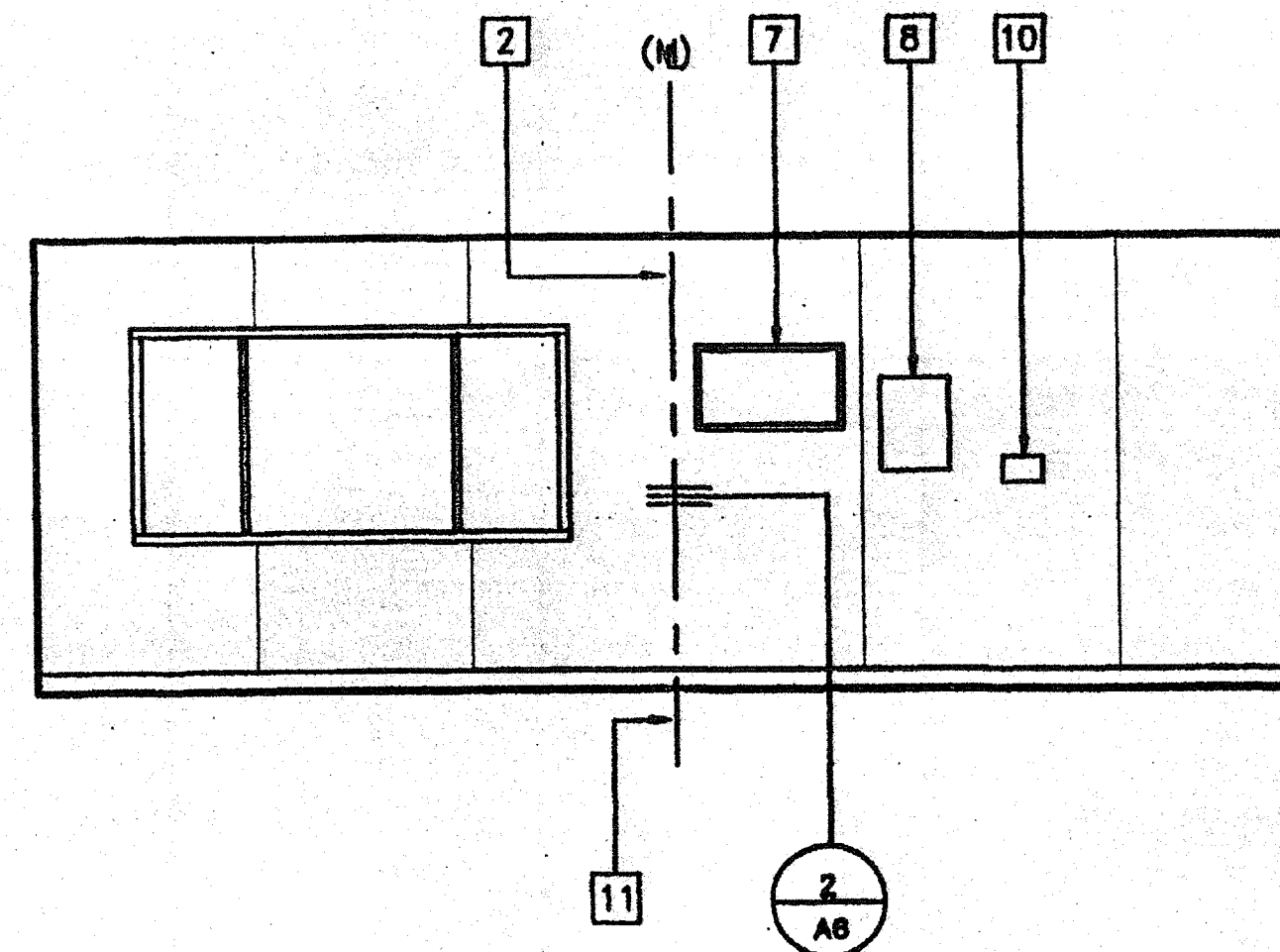
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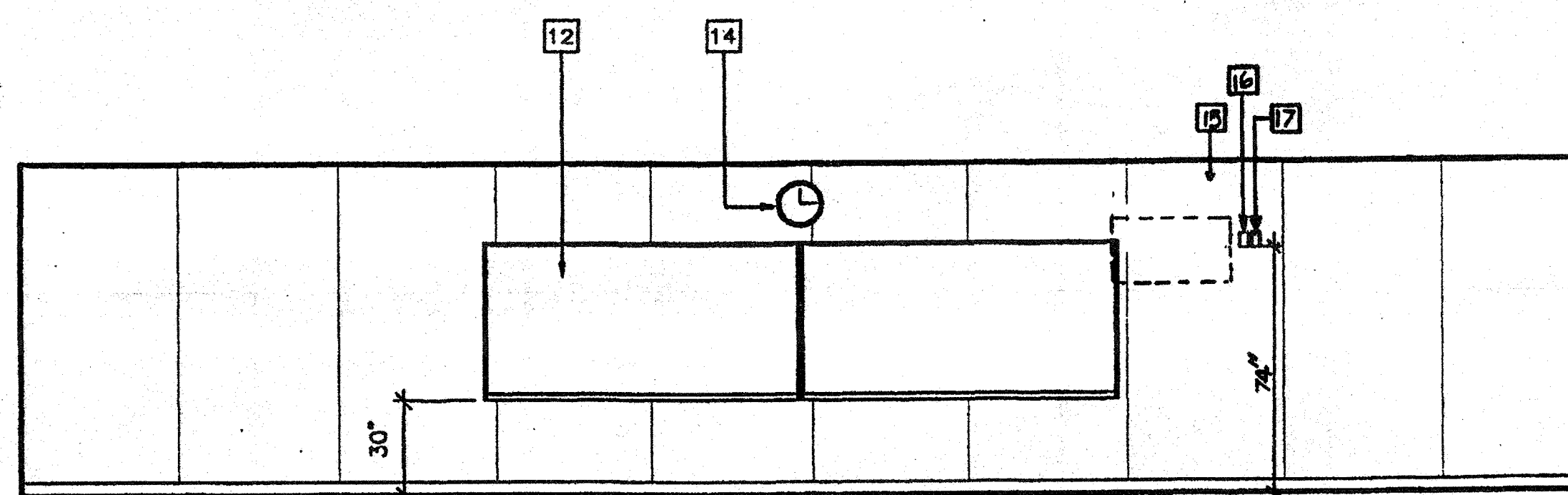
EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40' A3.11



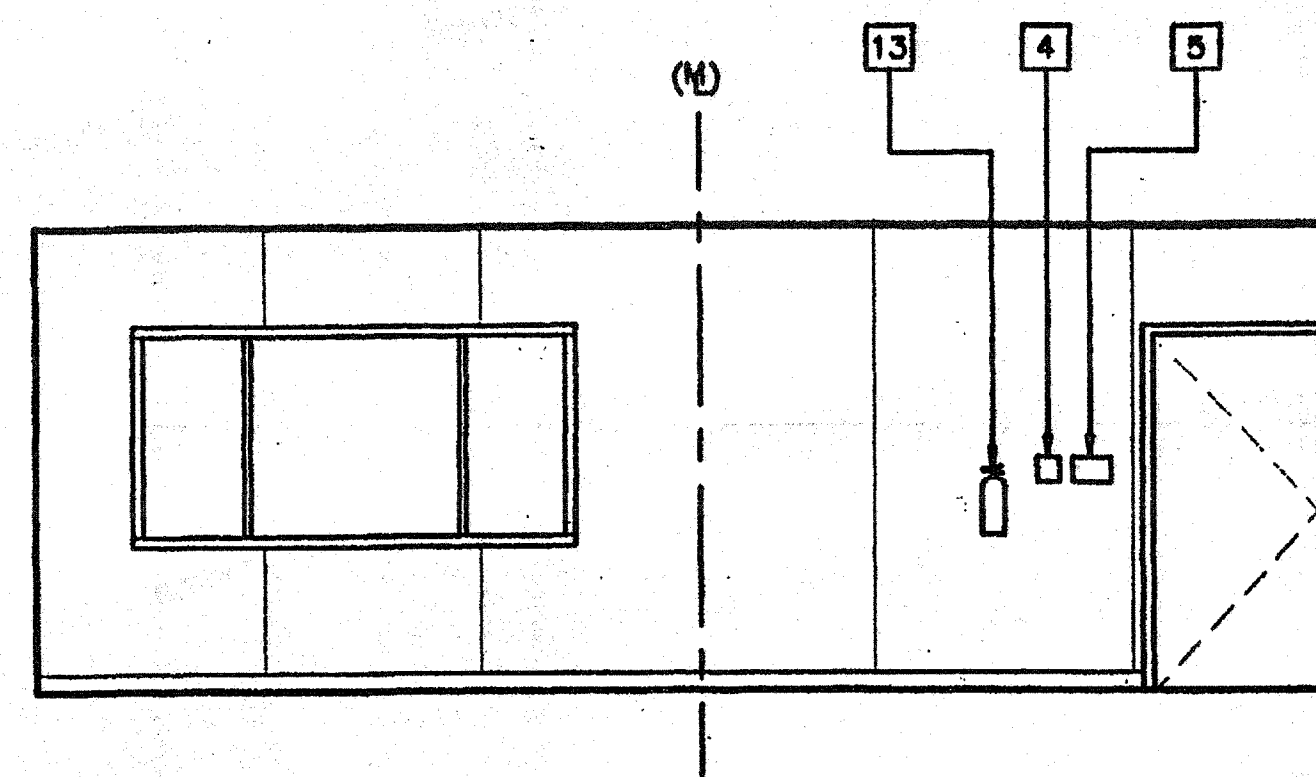
① LEFT ELEVATION



② REAR ELEVATION



③ RIGHT SIDE ELEVATION



④ FRONT ELEVATION

INTERIOR ELEVATIONS

SCALE: 1/4" = 1'-0" (24'x40')

KEY NOTES

- 1 TYPICAL INTERIOR FINISH (FIN)
- 2 CLOSURE AT MODULAR JOINT
- 3 DUPLEX WALL RECEPTACLE (EL)
- 4 J-BOX FOR FIRE ALARM PULL STATION (EL)
- 5 LIGHT SWITCH (EL)
- 6 BASE
- 7 RETURN AIR GRILL
- 8 ELECTRICAL PANEL (EL)
- 9 FINISH FLOOR LINE (FIN)
- 10 THERMOSTAT (HV)
- 11 MODULAR JOINT
- 12 8040 MARKBOARD. TYPICAL FOR (2)
- 13 FIRE EXTINGUISHER: 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING ON WALL MOUNTED BRACKET, HANDLE AT 48" AFF
- 14 ELECTRIC CLOCK (EL)
- 15 18"X36" X 1 1/8" DEEP BLOCKING AT 74" AFF SEE A1.01, S4.01
- 16 RECEPT AT 74" AFF FOR TV. SEE E101
- 17 "J" BOX AT 74" AFF FOR CABLE SEE E101

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AC FLS MISS OH
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1									
2									
3									
4									
5									

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
No. C 7172
STATE OF CALIFORNIA

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MODTECH INC.
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PROJECT NUMBER: 3501
GLENDALE U.S.D.
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INTERIOR ELEVATIONS 24'x40' A4.01

6 WINDOW SCHEDULE | **3 ROOM FINISH SCHEDULE** | **1**

DOOR NUMBER	DOOR TYPE	QUANTITY	FRAME OPENING		DOOR MATERIAL	FIRE RATING	HARDWARE SET NO.	FRAME MATERIAL	JAMB THROAT	REMARKS
			WIDTH	HEIGHT						
1	A		3'-0"	6'-8"	HM		1	HM	5-1/8"	

WINDOW NUMBER	WINDOW TYPE	QUANTITY	FRAME OPENING		FINISH	REMARKS
			WIDTH	HEIGHT		
A	1		8'-0"	4'-0"	ANODIZED	SEE NOTE #1

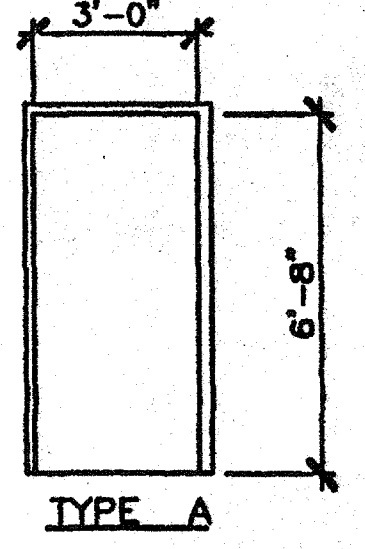
ROOM NUMBER	ROOM NAME	FINISHES						REMARKS	
		FLOOR	BASE	WALLS					
		NORTH	EAST	SOUTH	WEST	CEILING	CEILING HEIGHT		
	CLASSROOM	A	D	G	G	G	G	Q	8'-6"

HM - HOLLOW METAL - PRESSED STEEL KD TYPE
 AL - ALUMINUM
 SST - STAINLESS STEEL
 STL - STEEL FRAME, 16ga, FULLY WELDED, GALV AT EXTERIOR, REPUBLIC "ME" SERIES. PAINT TO MATCH TRIM
 WWF - WINDOW WALL FRAME
 SC - SOLID CORE WOOD
 HC - HOLLOW CORE WOOD
 SCL - SOLID CORE WOOD LEGACY

A - CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4800, DIRECT GLUE DOWN.
 B - VINYL SHEET FLOORING
 C - VCT, ARMSTRONG STANDARD OR EXCELON
 D - TOP SET BASE - 4"
 E - TOP SET BASE - 6"
 F - SELF COVE BASE - 6"
 G - 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
 H - 1/8" MARLITE OVER 1/2" GYP BOARD OR 3/8" MARLITE FLAME SPREAD CLASS 3
 J - 1/2" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
 K - 3/8" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
 L - 1/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
 M - 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
 N - 3/32" FRP OVER 1/2" WR GYP BOARD
 P - NO FINISH
 Q - ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

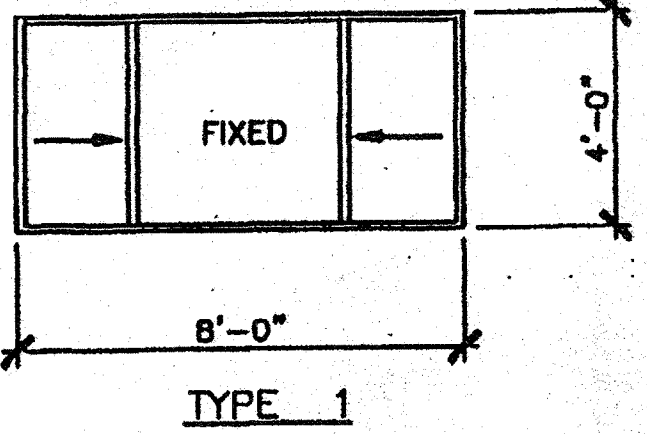
7 WINDOW ELEVATIONS | **4**

DOOR NOTES



- DOOR HANDLES FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF & DEAD BOLTS AT 44" AFF. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
- ALL DOORS SHALL BE 1 3/4" THICK UNO DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
- CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS AT EXTERIOR DOORS AND 5.0 LBS AT INTERIOR DOORS.
- PLACE SIGN OVER EXIT DOORS: THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS
- SIGNAGE IS NOT IN MODTECH CONTRACT

WINDOW NOTES



- ANODIZED ALUMINUM, GLAZING, 7/32" MIN. TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 45%, ALL OPERABLE SASH SHALL HAVE SCREENS.
- OPTIONAL DUAL PANE.

FINISH NOTES

- ALL FINISHES SHALL COMPLY WITH MODTECH'S SPECIFICATIONS AND WITH CBC CHAPTERS 3, 6, 7, 8 AND 10 AND CFC AND TITLE 19 CCR
- PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED, ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

8 HARDWARE SCHEDULE | **5 ACCESSIBILITY SIGNAGE (BY DISTRICT)** | **2 TOILET ROOM SIGNAGE (BY DISTRICT)** | **2**

HARDWARE SET #1 (EXTERIOR)
 LOCKSET - SCHLAGE D70PD, RHODES LEVER, OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 28D OR EQUAL
 CLOSER - NORTON 8501 BFDP OR EQUAL
 THRESHOLD - PEMCO 271A OR EQUAL
 DOOR BOTTOM - PEMCO 216AV OR EQUAL
 WEATHER-STRIP - PEMCO 299AV OR EQUAL

HARDWARE SET #2 (INTERIOR PASSAGE)
 LOCKSET - SCHLAGE D10S WITH RHODES LEVER, OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" OR EQUAL

HARDWARE SET #3 (INTERIOR/OFFICE LOCKABLE)
 LOCKSET - SCHLAGE D85PD, WITH RHODES LEVER OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 28D OR EQUAL

HARDWARE SET #4 (INTERIOR DOUBLE LOCKABLE)
 LOCKSET - SCHLAGE D86PD, WITH RHODES LEVER OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 28D OR EQUAL

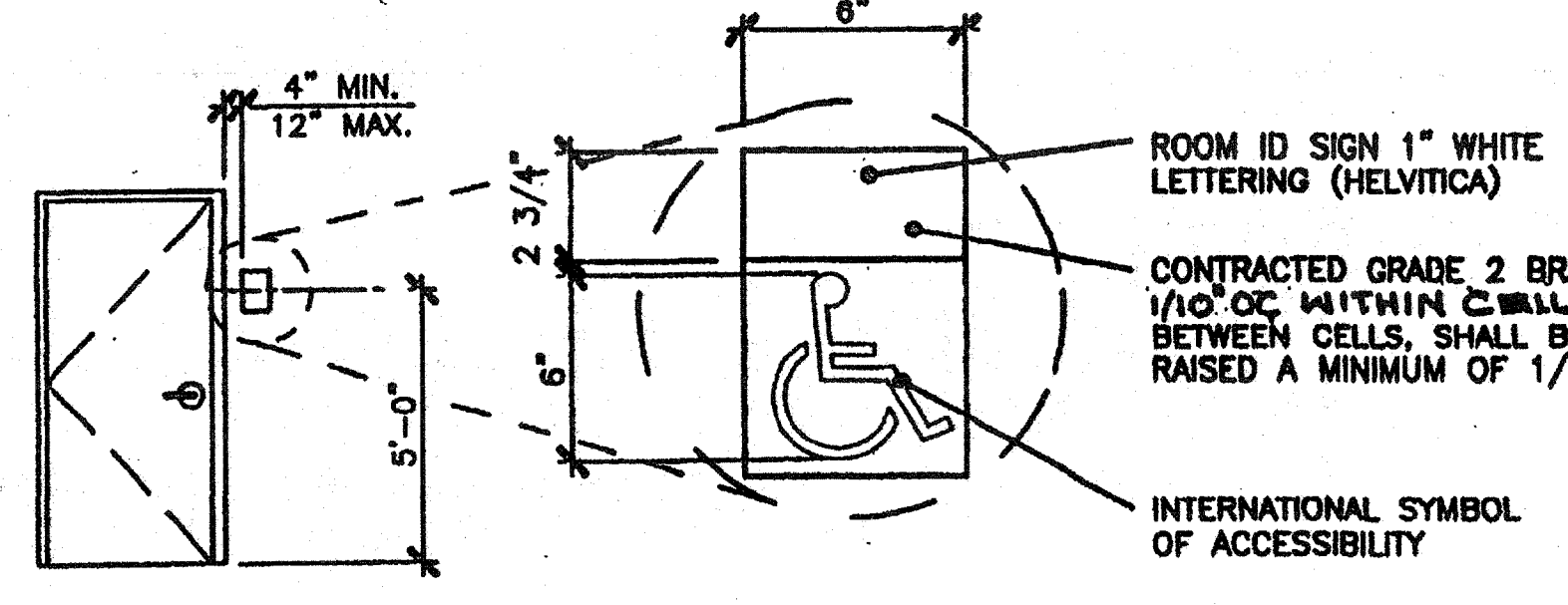
HARDWARE SET #5 (INTERIOR TOILET ROOM/PRIVACY)
 LOCKSET - SCHLAGE D40S WITH RHODES LEVER OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 28D OR EQUAL

HARDWARE SET #6 (INTERIOR STOREROOM)
 LOCKSET - SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 28D OR EQUAL

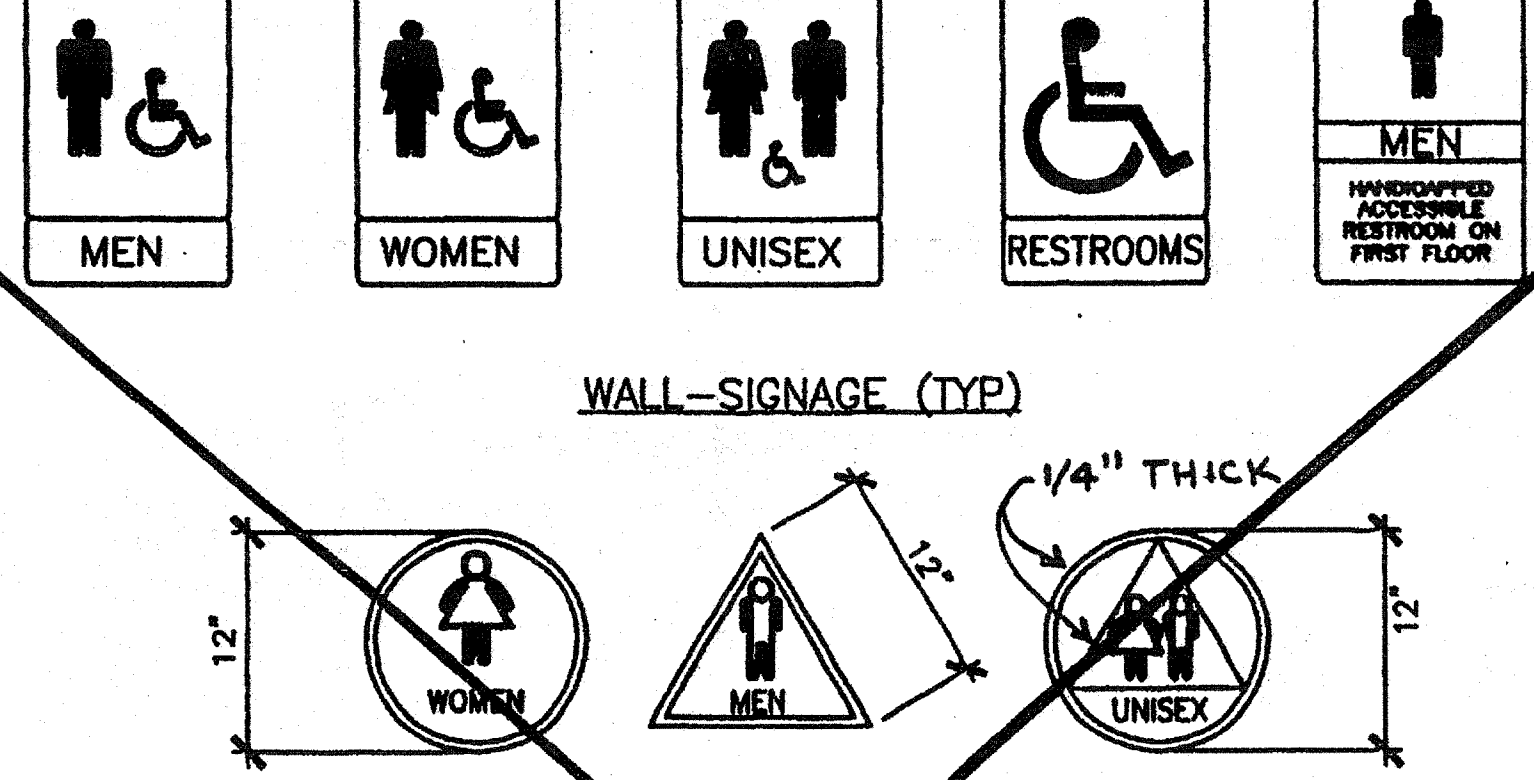
HARDWARE SET #7 (PANIC)
 LOCKSET - VON DUPRIN 99L PANIC HARDWARE OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 28D OR EQUAL
 CLOSER - NORTON 8501 BFDP OR EQUAL
 THRESHOLD - PEMCO 271A OR EQUAL
 DOOR BOTTOM - PEMCO 216AV OR EQUAL
 WEATHER-STRIP - PEMCO 299AV OR EQUAL

HARDWARE SET #8 (INTERIOR RATED)
 LOCKSET - SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
 BUTTS - 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 28D OR EQUAL
 CLOSER - NORTON 8501 BFDP OR EQUAL
 SMOKE SEAL - PEMCO S-88 3088 SMOKE SEAL OR EQUAL

ENTRY DOOR FROM EXTERIOR VIEW



TOILET ROOM SIGNAGE (BY DISTRICT)



WALL-SIGNAGE (TYP)

DOOR MOUNTED SIGNAGE (TYP)
 NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQUIRED ON DOOR MOUNTED SIGNAGE. ALL CIRCLES & TRIANGLES ARE 1/4" THICK.

WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR CLEAR OF DOOR-SWING. MOUNT AT 60" TO CENTERLINE OF SIGN FROM FLOOR.

HEIGHT OF LETTERING: 5/8" MIN TO 2" MAX

LETTERING RAISED 1/32"

UPPERCASE CHARACTERS

CORRESPONDING GRADE II BRAILLE

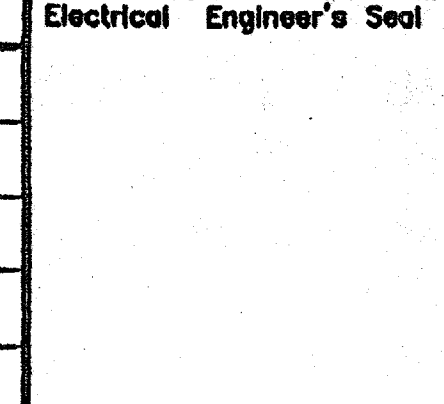
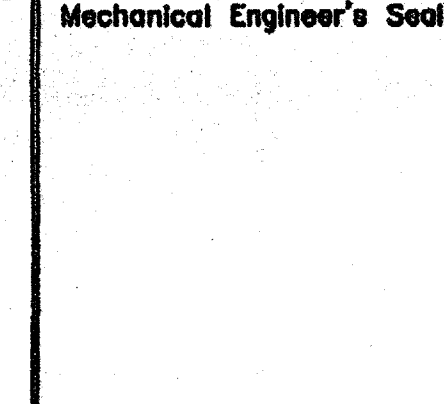
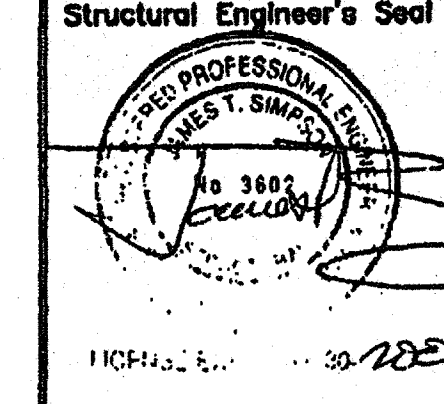
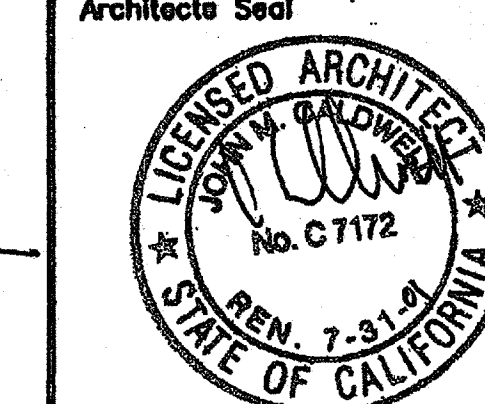
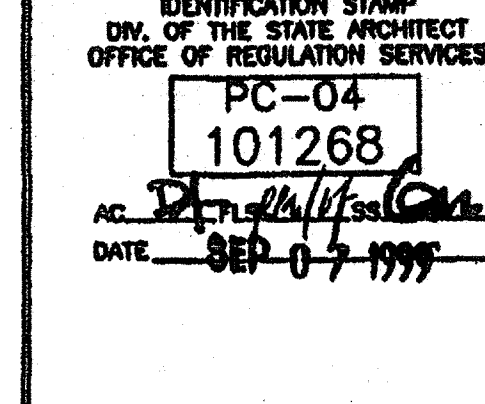
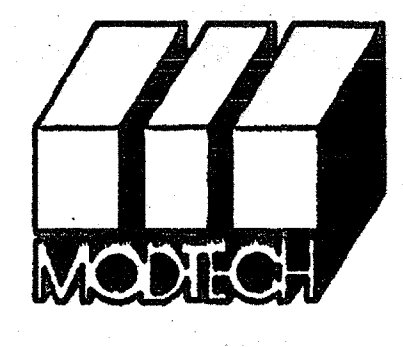
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IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES
 INTERNATIONAL SYMBOL OF ACCESS (WHEEL CHAIR SYMBOL)
 REQUIRED DOOR OR AT STRIKE SIDE ROOM IDENTIFICATION

REVISIONS

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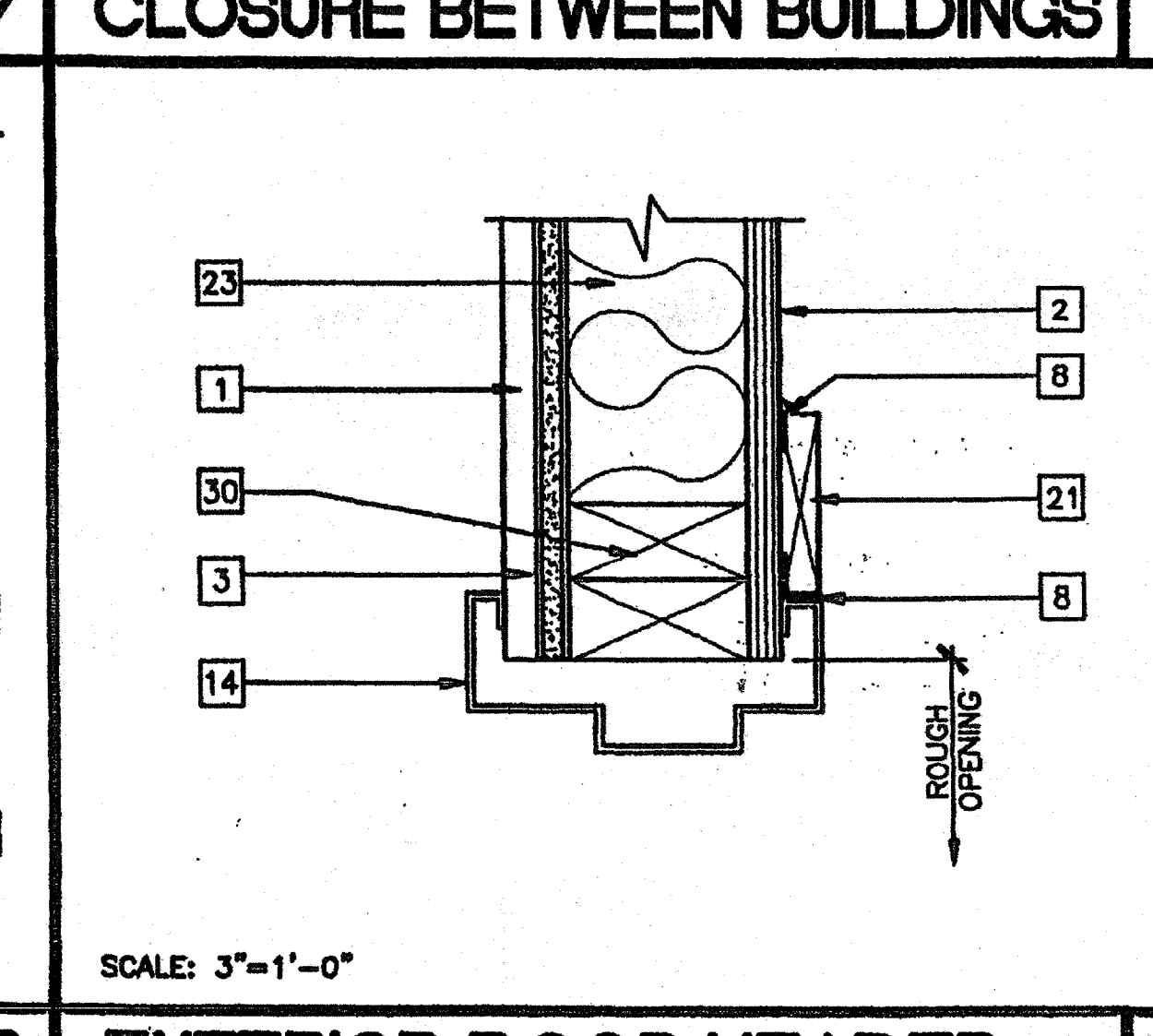
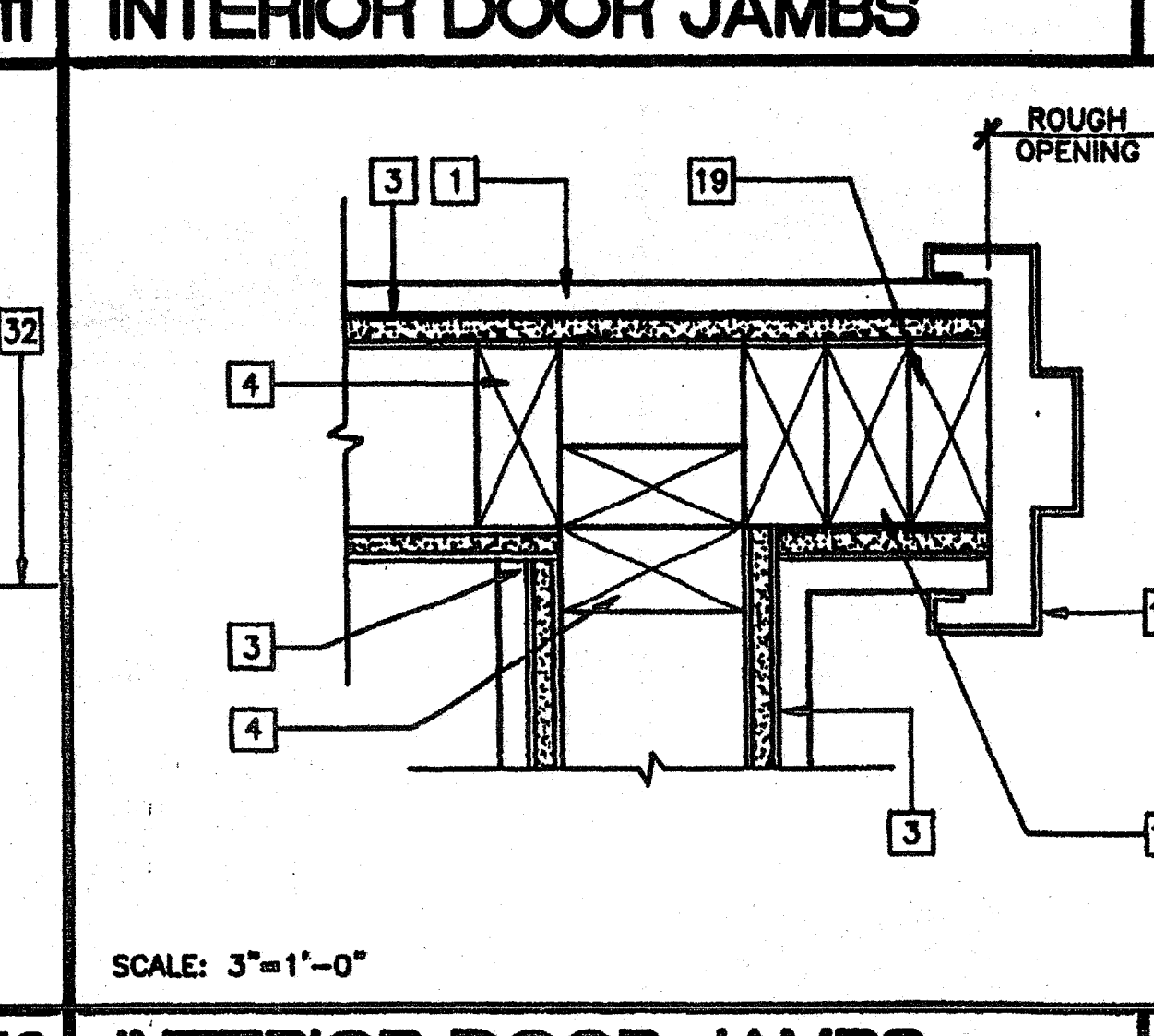
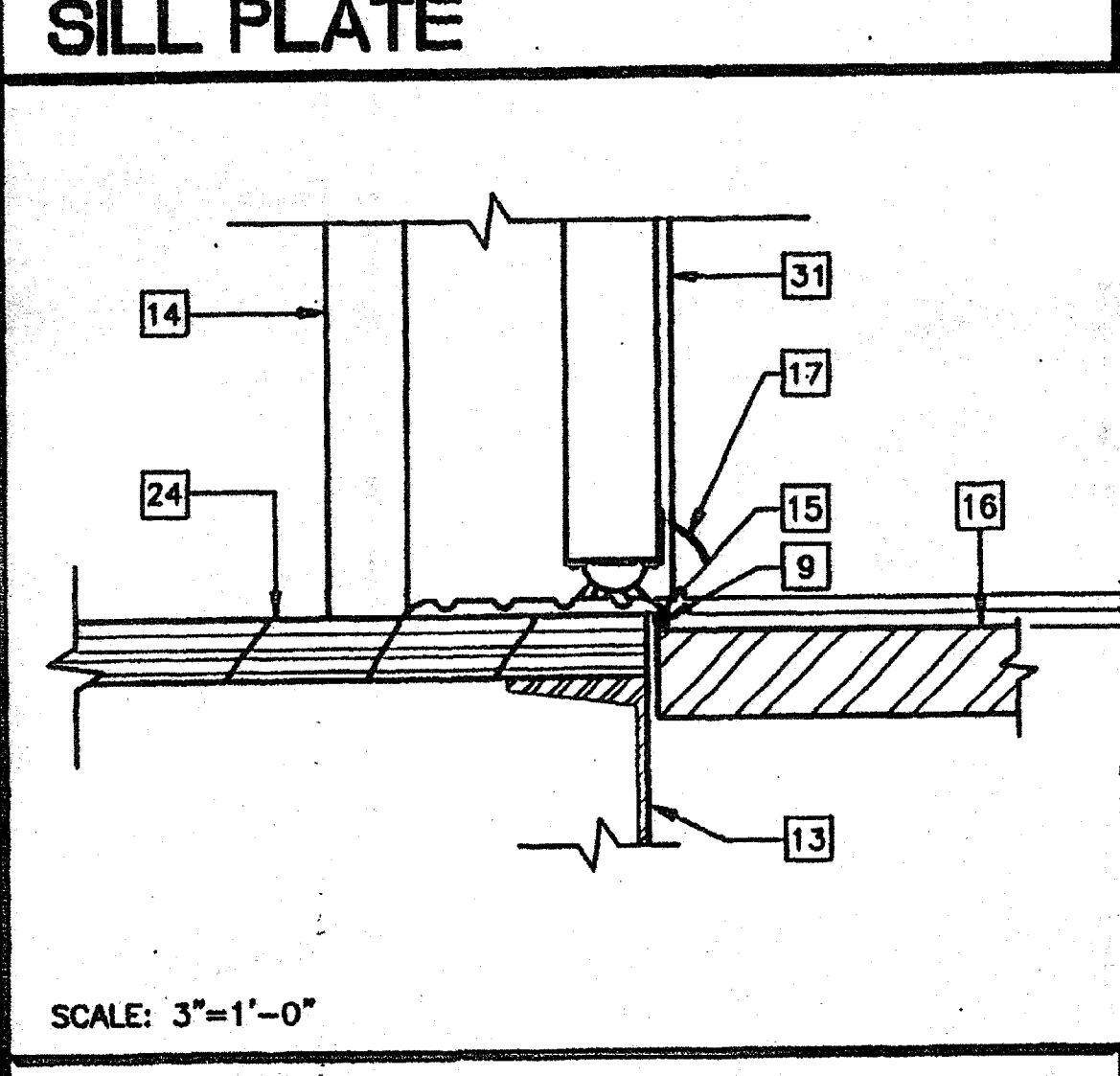
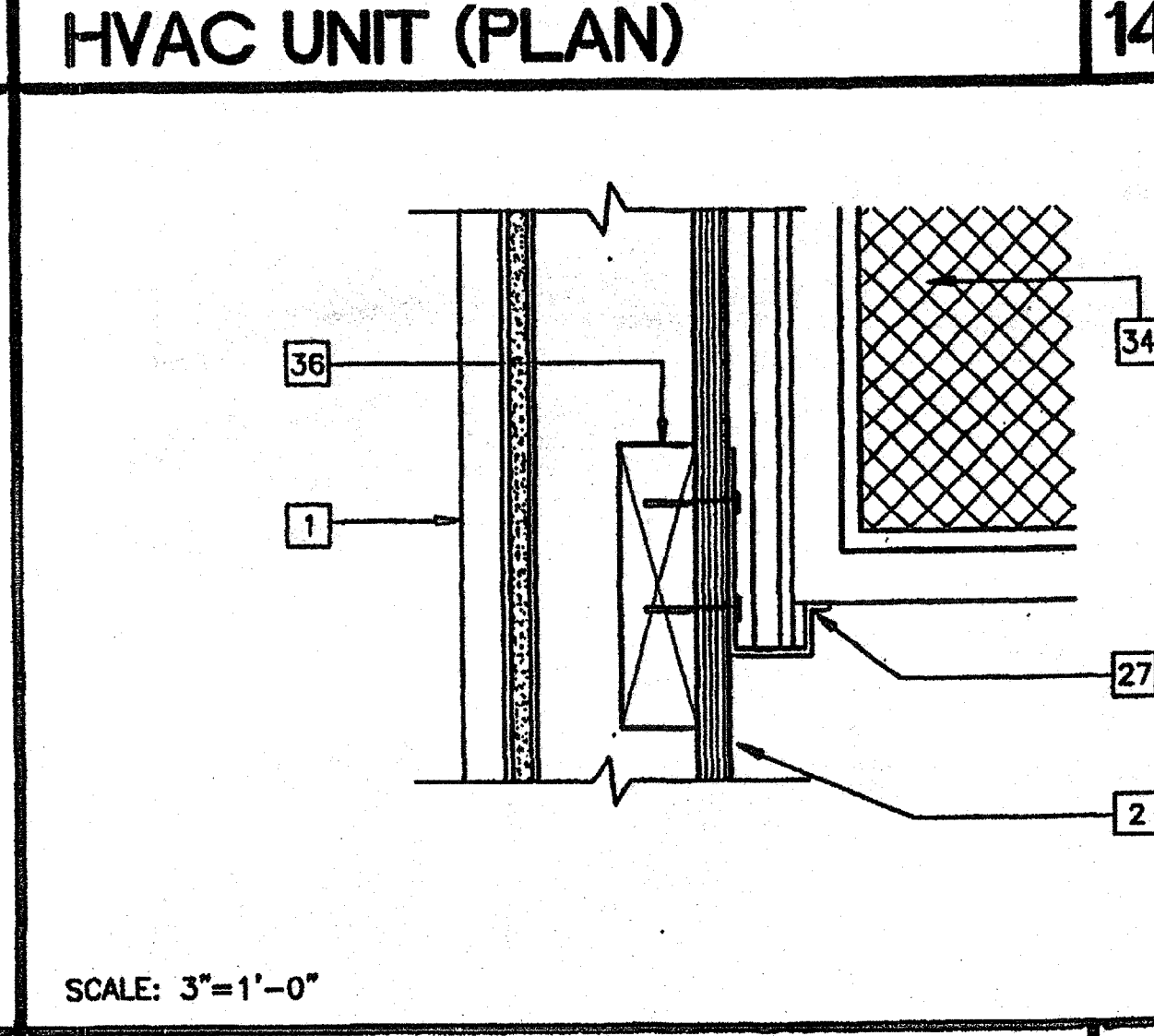
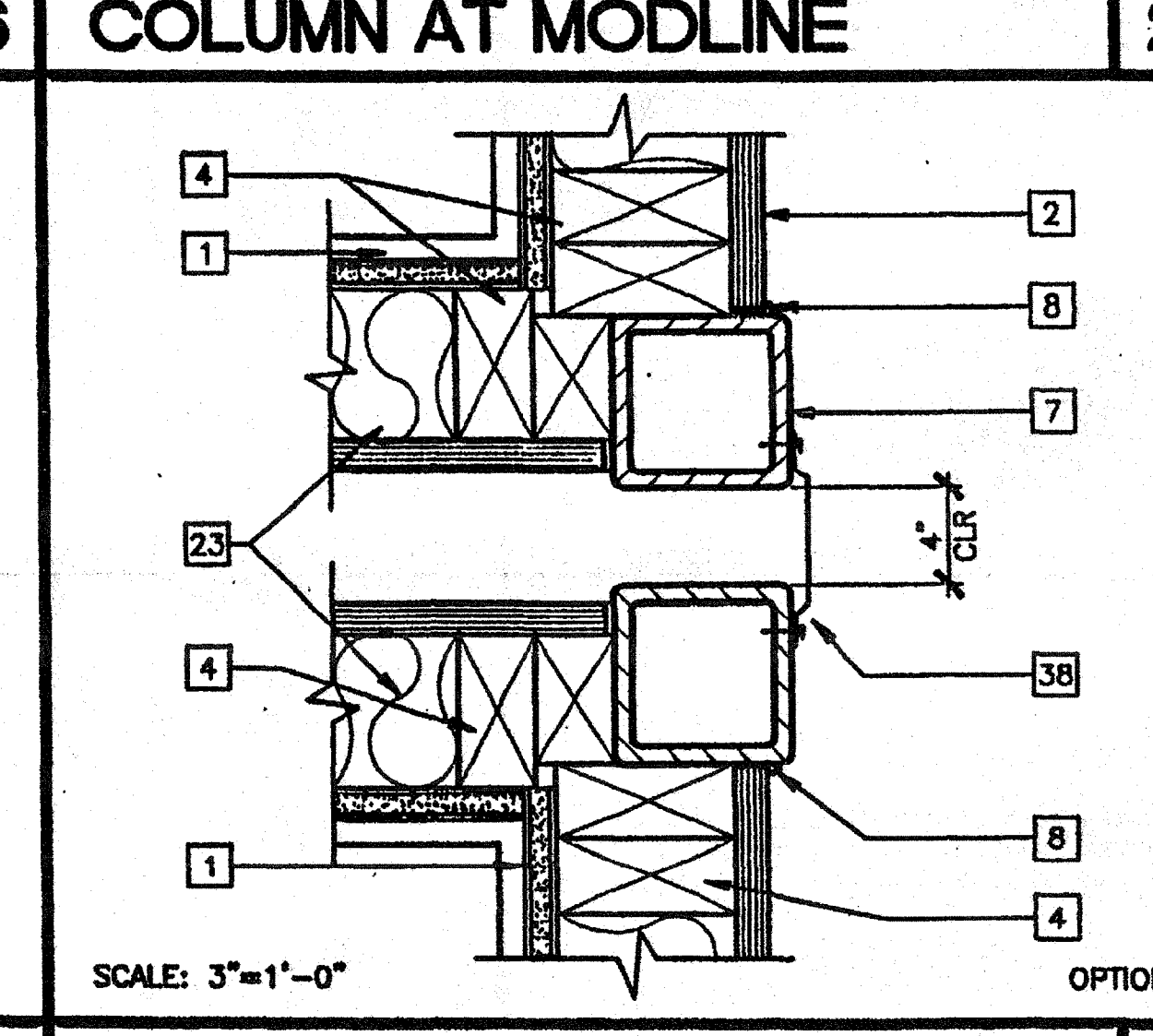
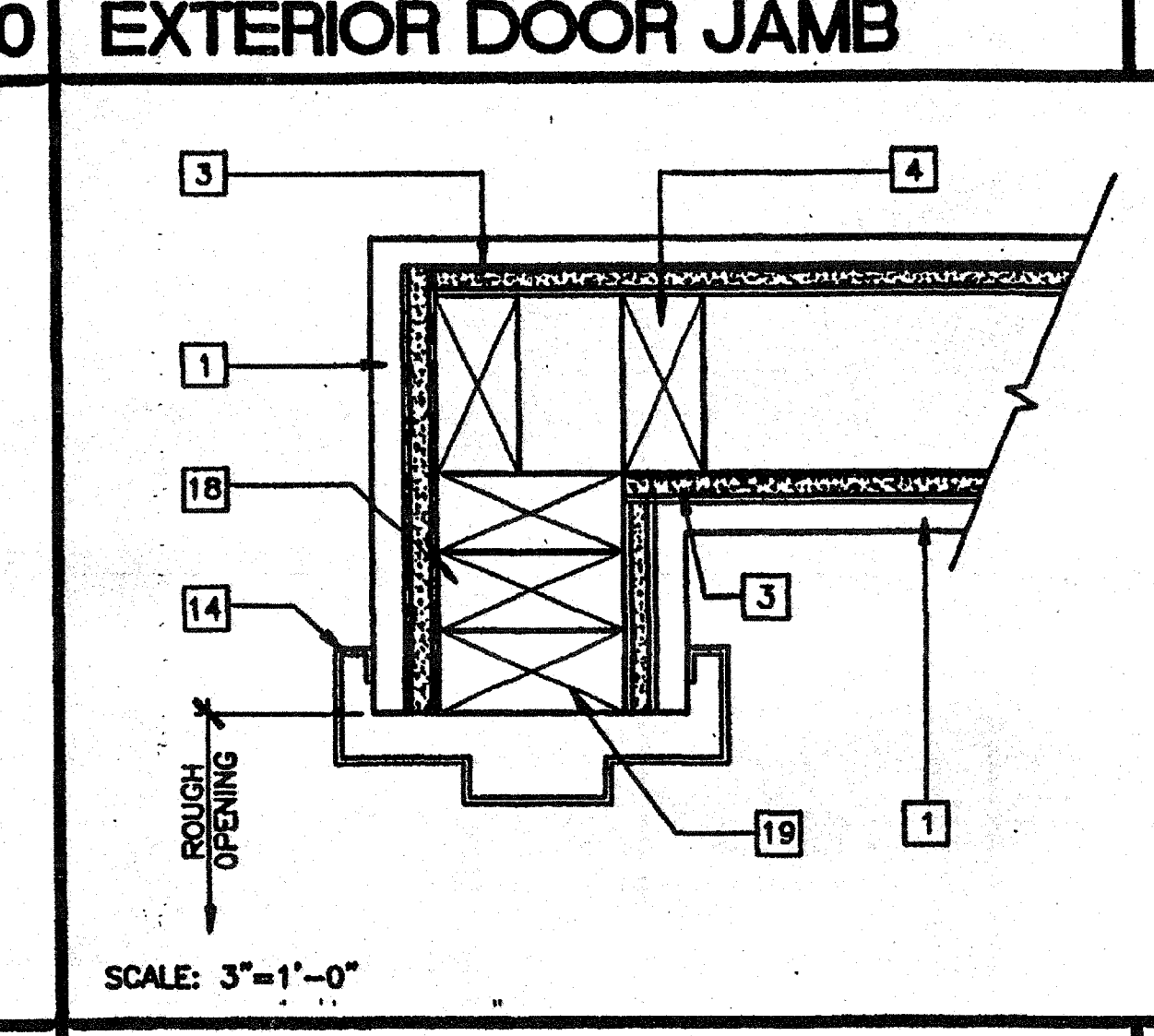
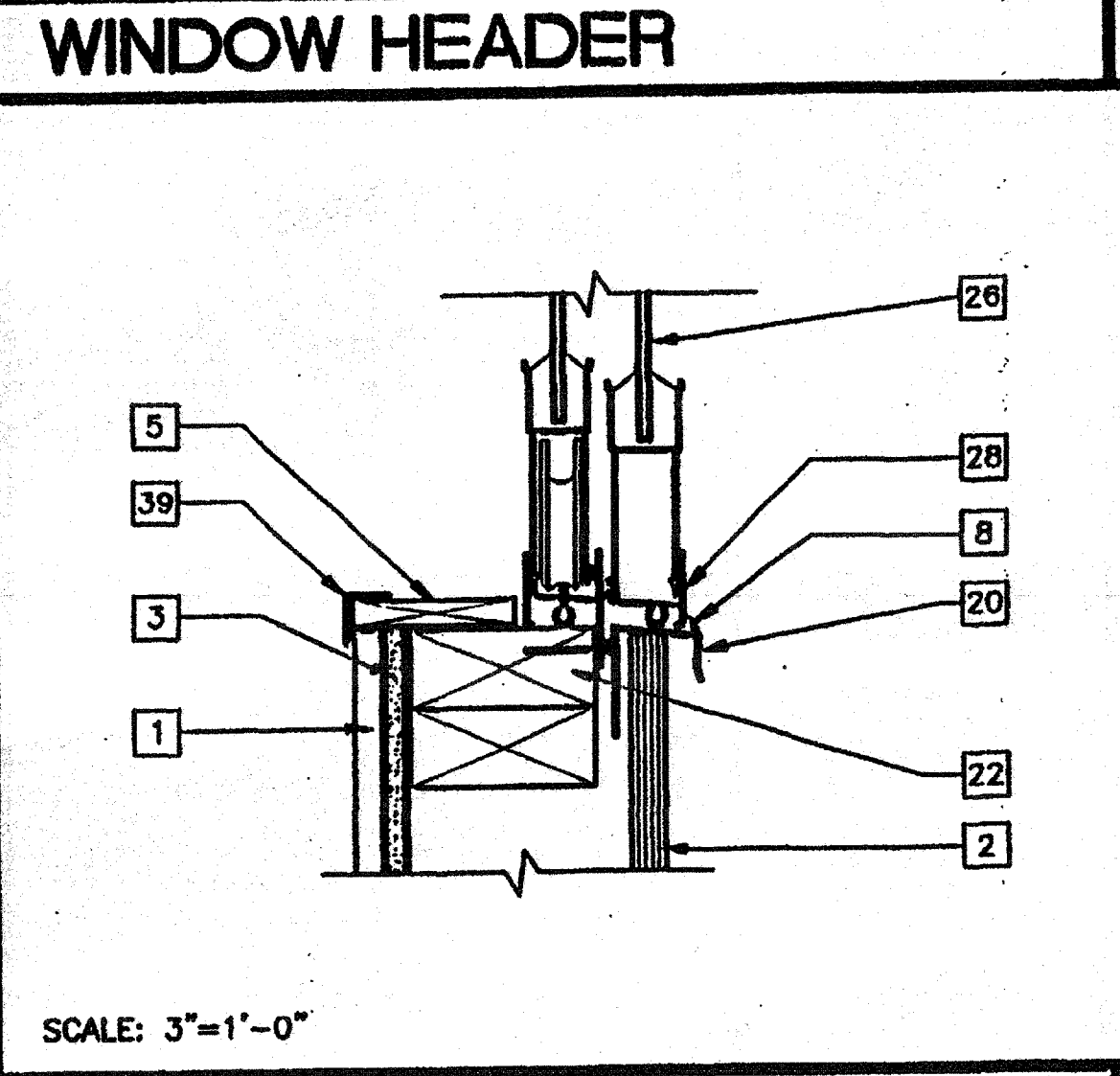
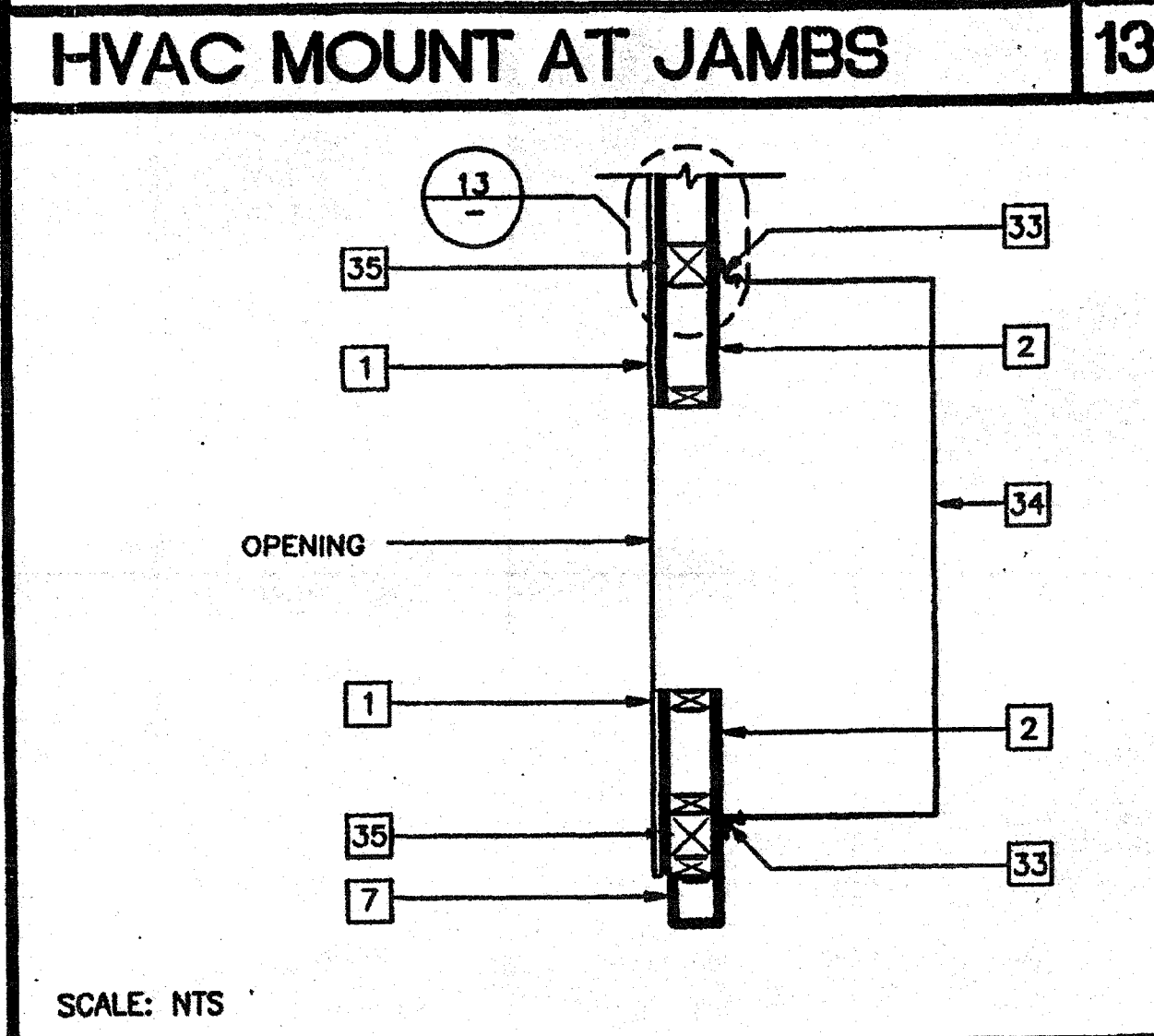
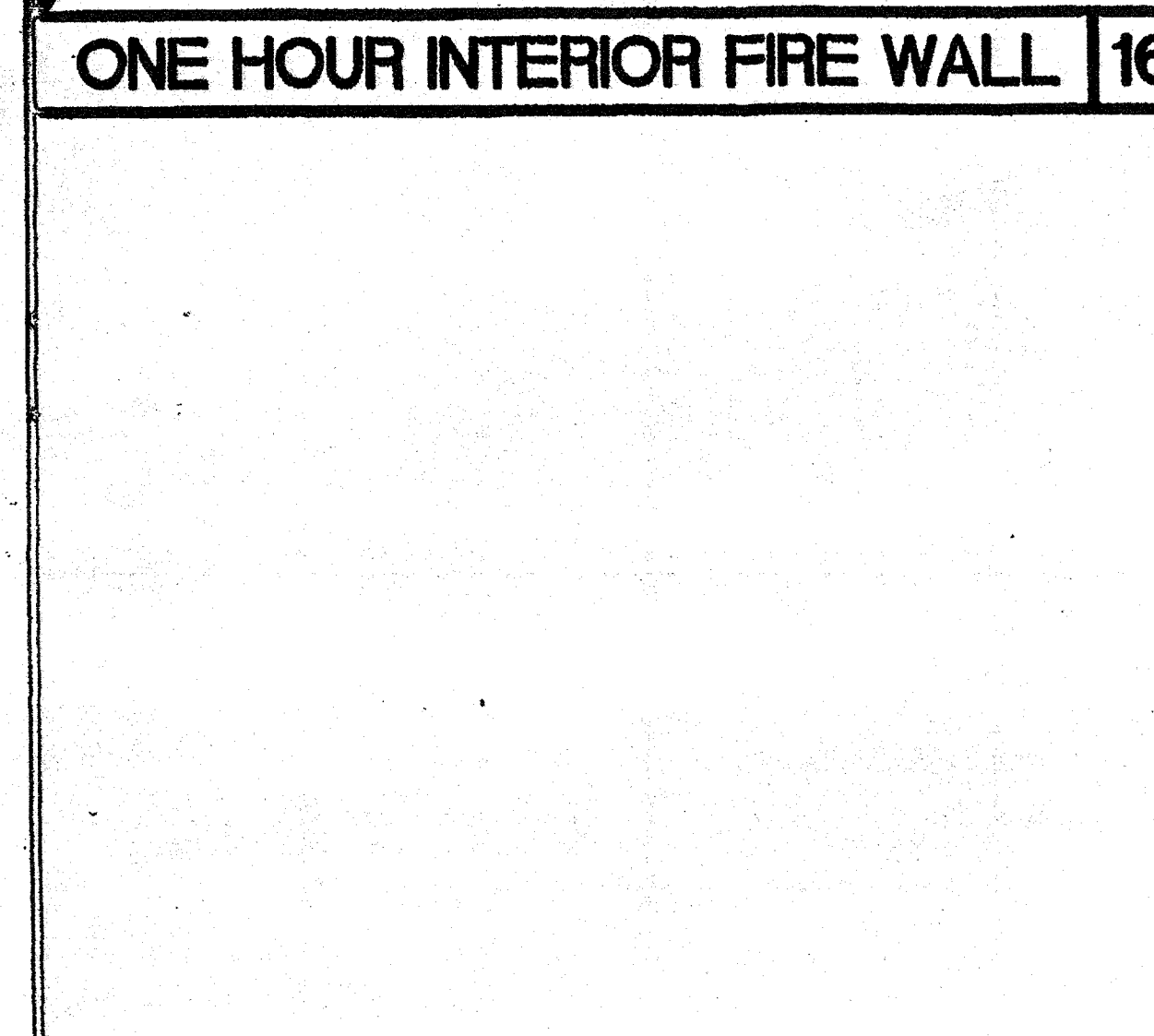
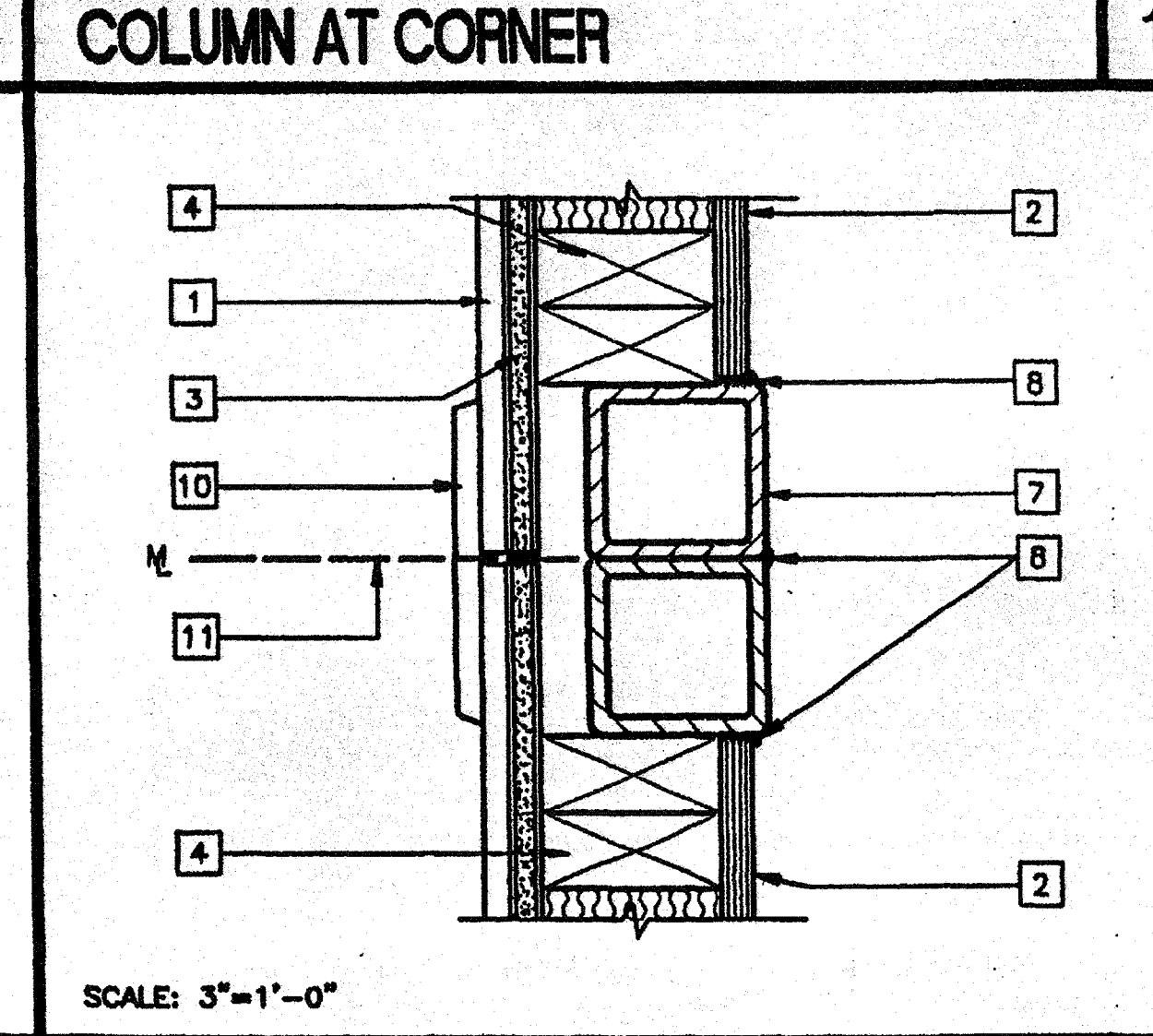
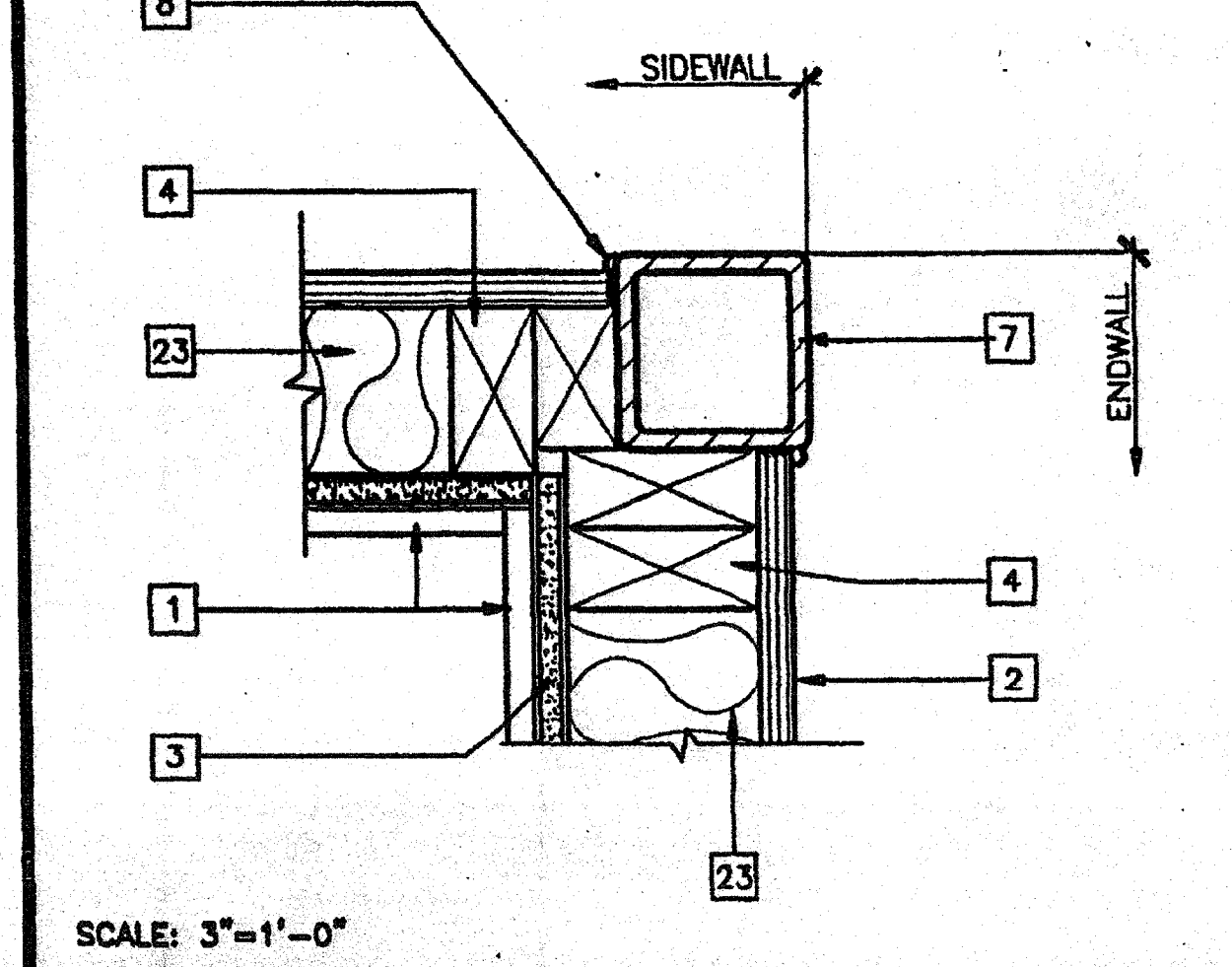
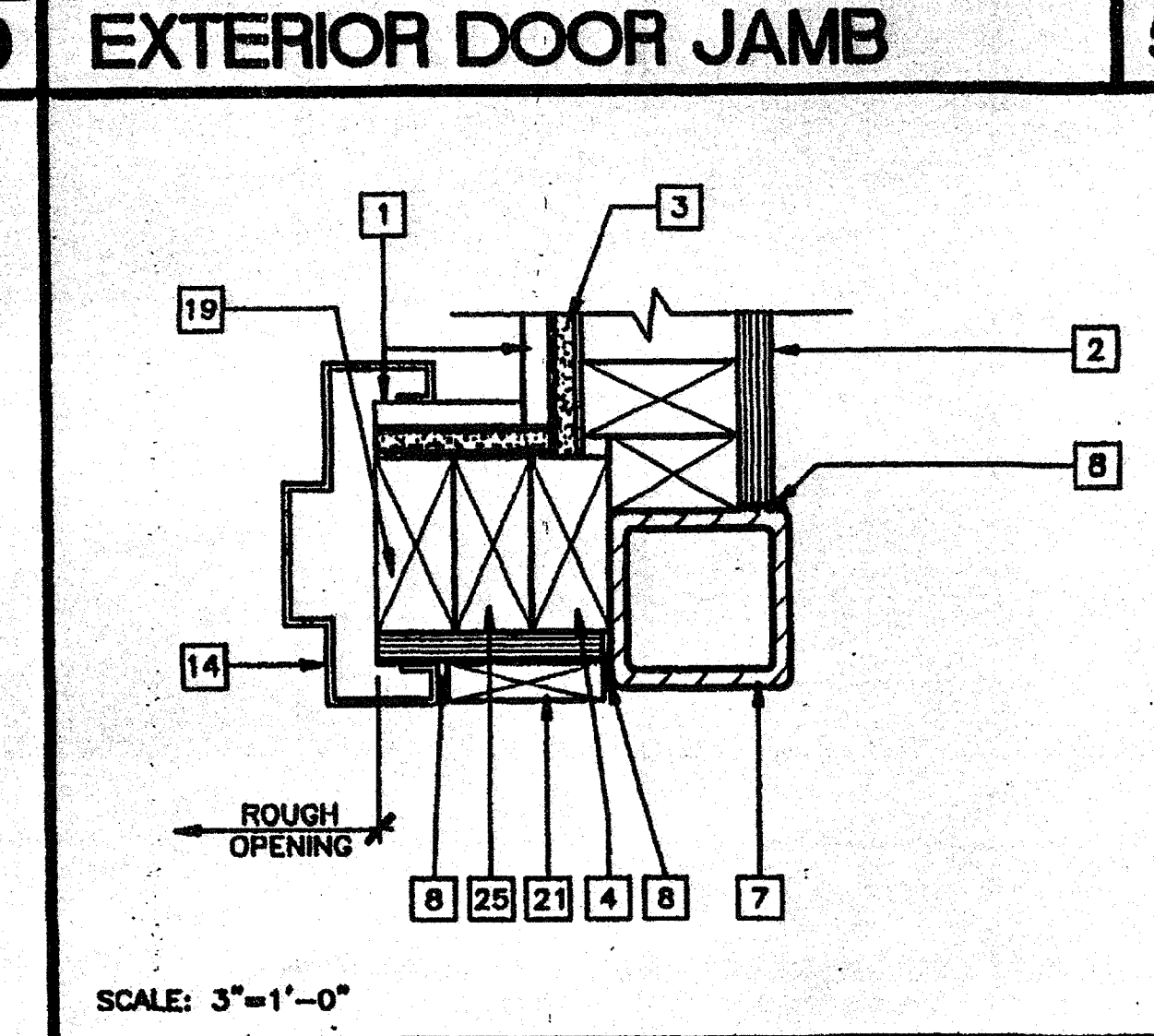
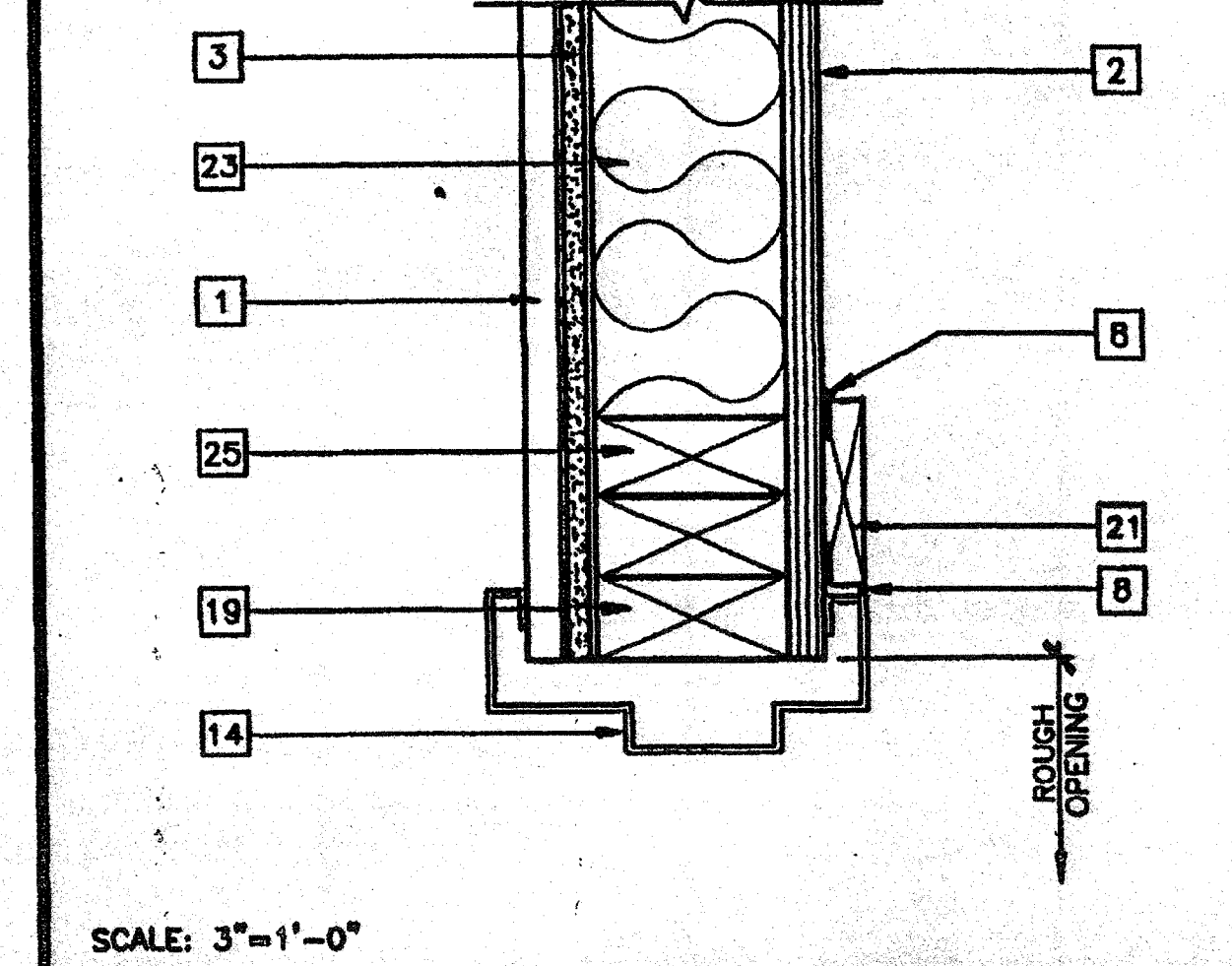
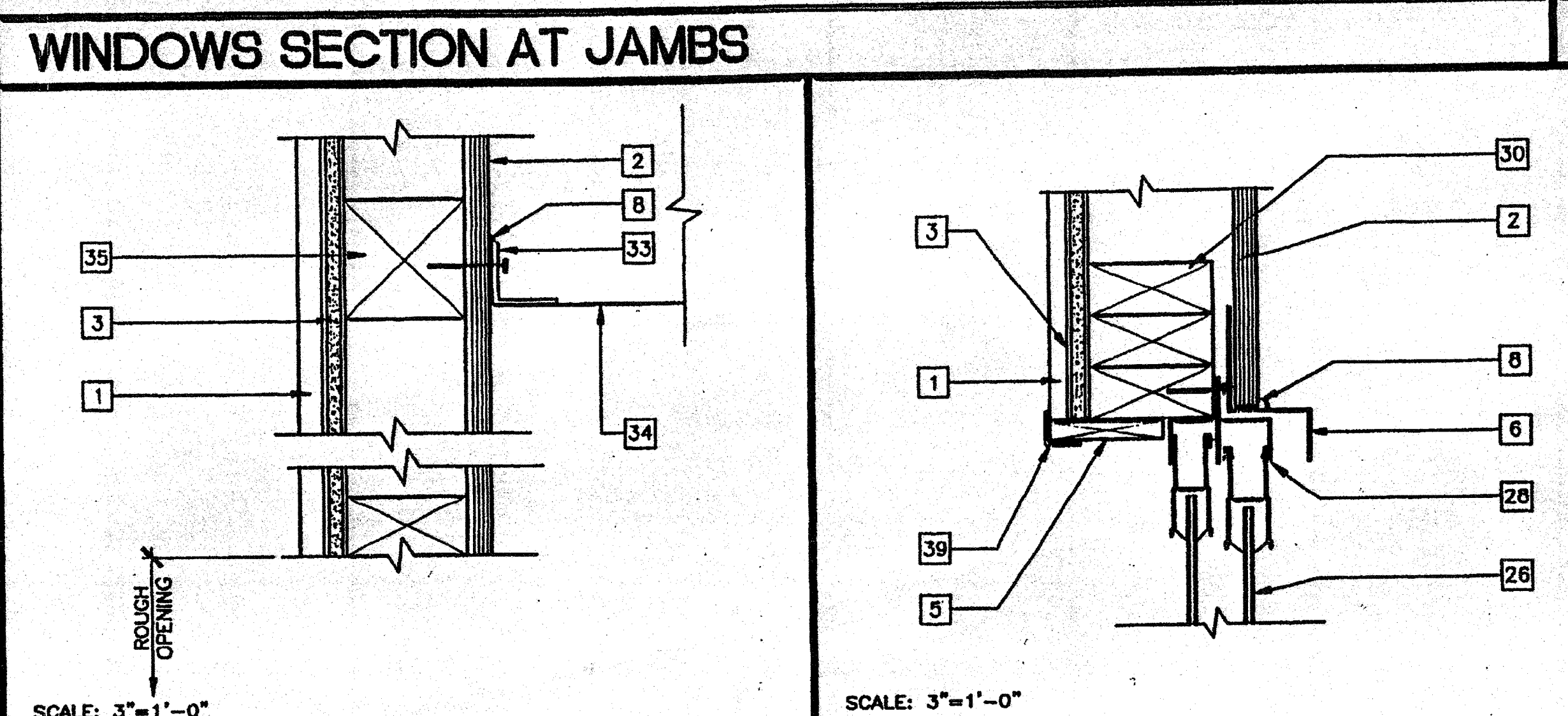
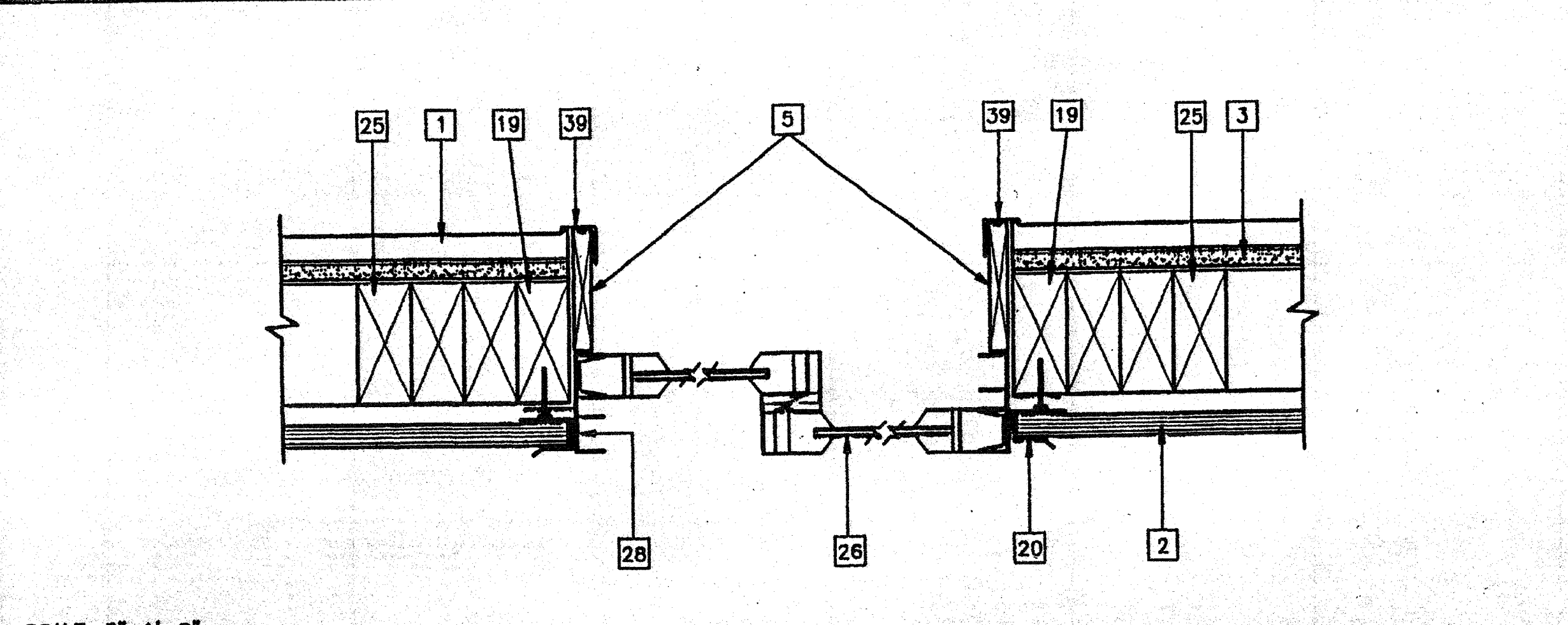
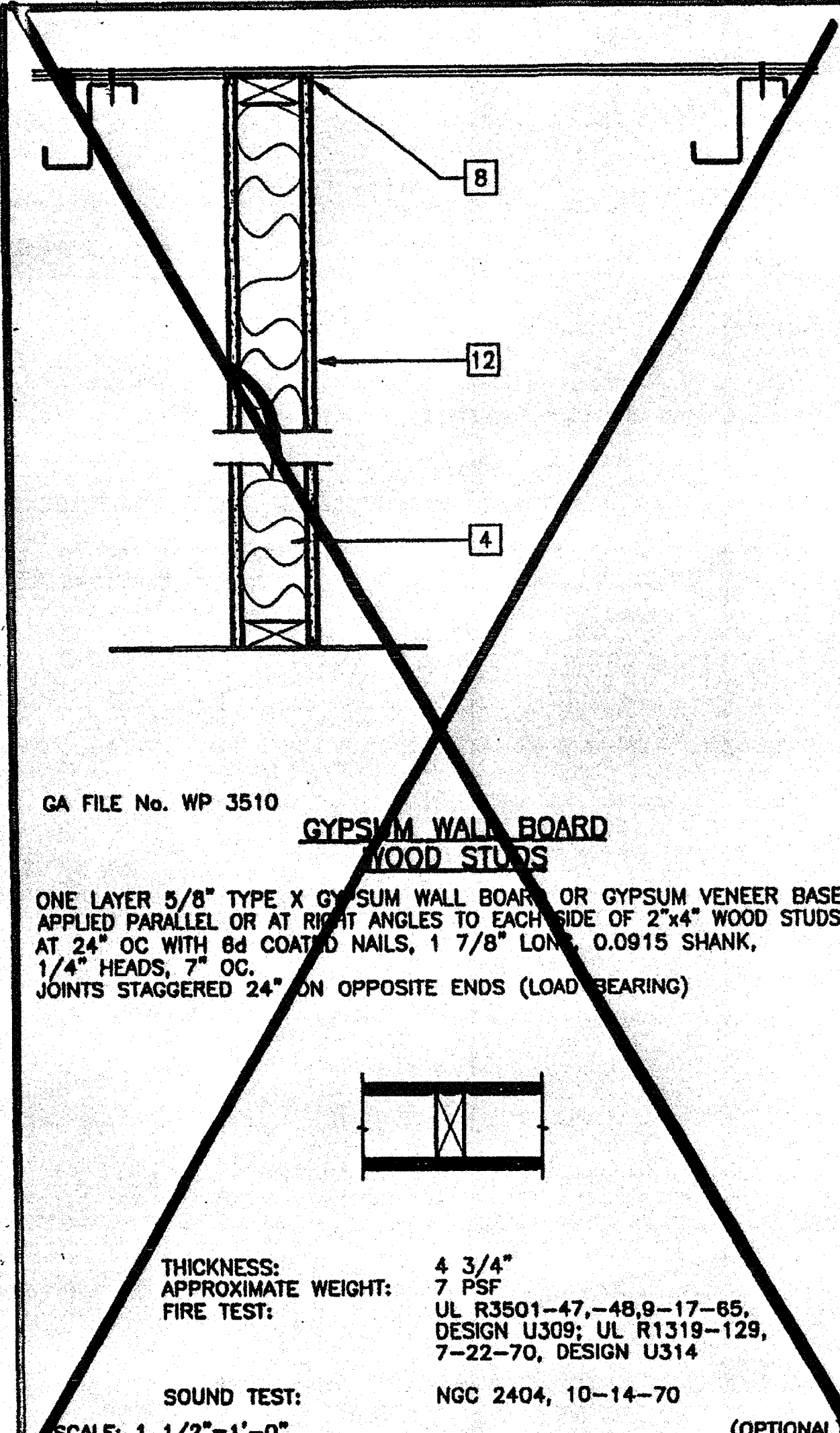
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SCHEDULES | **A5.01**

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- KEY NOTES**
- TYPICAL INTERIOR FINISH (FIN) - 1/A5.01
 - TYPICAL EXTERIOR FINISH (SEE EXTERIOR ELEVATIONS)
 - 1/2" GYP-SUM BOARD BACKING WITH 7d COOLER NAILS AT MAX 7" OC TYPICAL AT EACH STUD
 - 2"x4" STUD TYPICAL
 - INTERIOR WOOD TRIM.
 - DRIP FLASH 26 GA
 - TUBE STEEL COLUMN (STR)
 - SEALANT TYPICAL (SEE SPECS.)
 - CAULKING
 - CLOSURE
 - MODULE JOINT
 - 5/8" TYPE X GYP-SUM BOARD
 - FLOOR BEAM (STR)
 - PRESSED STEEL FRAME - 6/A5.01
 - ALUMINUM THRESHOLD - 1/4" WITH 2:1 BEVEL - 8/A5.01
 - FINISH LANDING
 - DOOR BOTTOM - 8/A5.01
 - (2) 2"x4" KING STUD - 13/S4.02
 - 2"x4" TRIMMER STUD - 13/S4.02
 - J' MOLD 26 GA
 - 1"x2" WOOD TRIM WITH 8d ELECTRO GALVANIZED AT 12" OC
 - SILL PLATE - 13/S4.02
 - INSULATION (SEE SPECS. FOR SIZE AND TYPE)
 - FINISH FLOORING - 1/A5.01
 - 2"x4" FULL HEIGHT JAMB STUDS - 13/S4.02
 - WINDOW GLAZING - 3/A5.01
 - HVAC UNIT BOTTOM SEAT 12 GAx24" LONG WITH (6) 3/8" DIAx2" LAG BOLTS
 - ALUMINUM NAIL ON WINDOW FRAME. INSTALL WITH 8d BOX ELECTRO GALVANIZED NAILS AT 24" OC MAXIMUM WITH MINIMUM 3" BUILDING PAPER BETWEEN FRAME AND WALL.
 - NOT USED
 - HEADER - 13/S4.02
 - DOOR - 8/A5.01
 - FINISHED FLOOR LINE
 - HVAC SIDE BRACKET (FURNISHED WITH UNIT) ATTACH TO WALL WITH 3/4"x2" LAG SCREWS
 - HVAC UNIT (HV)
 - 4"x4" POST OR ALTERNATE - (2) 2"x4" FULL HEIGHT STUDS WITH 1/2" PLYWOOD SPACER STITCH NAILED WITH 16d AT 12" OC STAGGERED
 - 2"x6" LET-IN - S4.01
 - NOT USED
 - CLOSURE SCREEN
 - CORNER MOLDING

REVISIONS

19 HVAC UNIT AT BOTTOM
 15 THRESHOLD
 12 INTERIOR DOOR JAMBS

Electrical Engineer's Seal
 Mechanical Engineer's Seal
 Structural Engineer's Seal
 Architect's Seal

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A6.01

ARCHITECTURAL DETAILS WOOD STUDS A6.01

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24 X40
 FILE PATH: 2440-AB.01.DWG
 PC-04-101268

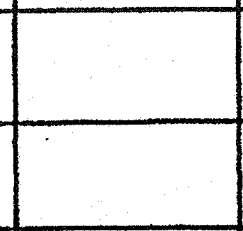





KEY NOTES

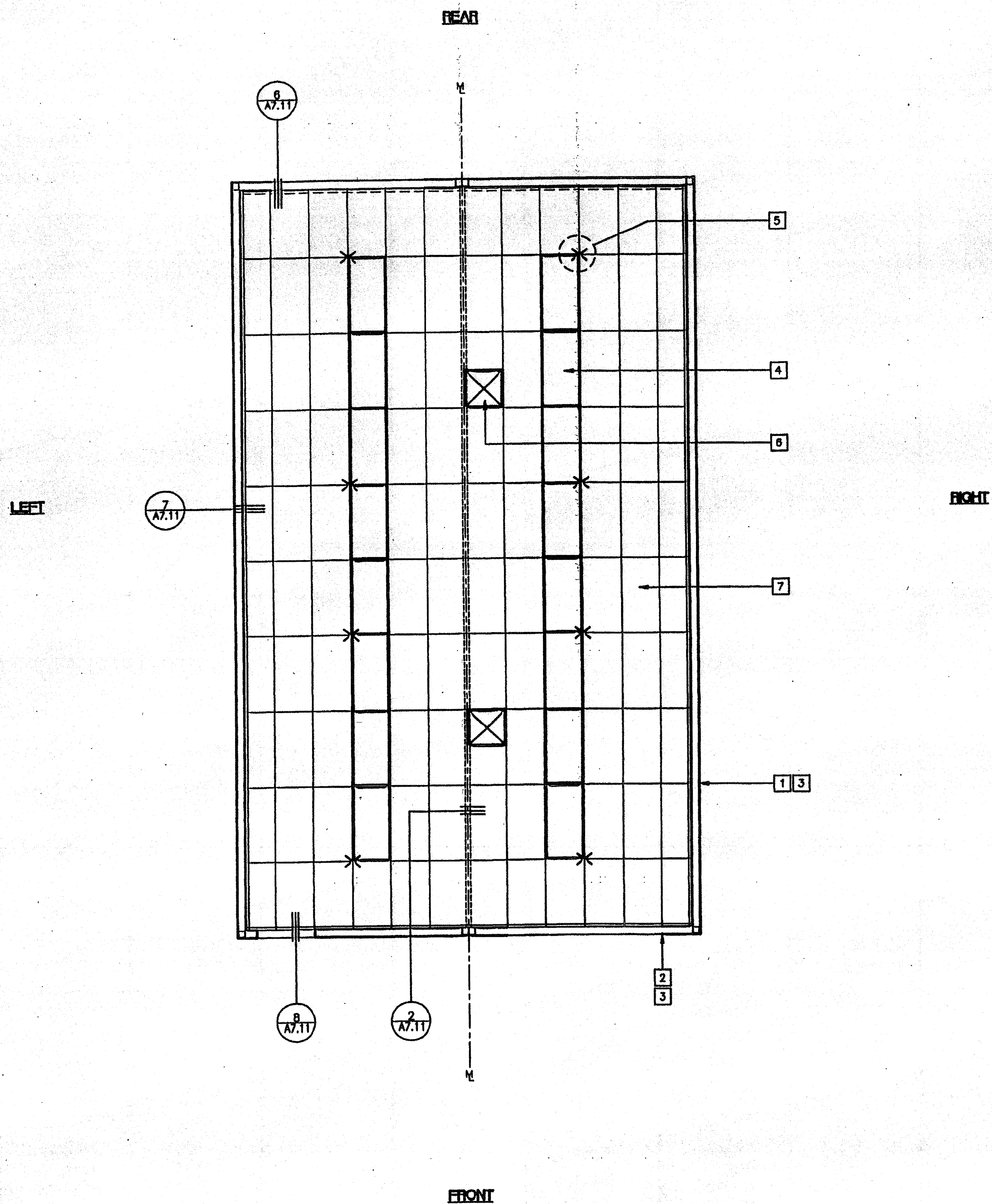
- 1 MAIN RUNNERS AT 4'-0" OC WITH 12 GA HANGER WIRES AT END OF EACH RUNNER
 - 2 CROSS TEE AT 2'-0" OC
- | | T-BAR PART NUMBERS | | |
|--------------|--------------------|------------------------|-----------|
| | ARMSTRONG PA-041 | CHICAGO METALLIC IR-47 | USG IR-47 |
| RUNNER MAIN | 7301 | 200 | DS 26 |
| 4' CROSS TEE | 7342 | 1210 | DX 422 |
| 2' CROSS TEE | 7328 | 1226 | DX 216 |
| WALL ANGLE | 7800 | 1420-01 | M-7 |
- 4 LIGHT FIXTURE, RECESSED, 2'x4' TYPICAL - 11/A7.11
 - 5 4 WAY SPLAY AT LOCATIONS INDICATED, WIRES TAUT BUT NOT TO DISTORT GRID - 1/A7.11
 - 6 HVAC SUPPLY REGISTER, 2'x2' TYPICAL - 12/A7.11
 - 7 CEILING PANELS: 2'x4' LAY-IN PANELS, ASTM FLAME SPREAD CLASS 1 (0-25), SMOKE DEVELOPMENT DENSITY LESS THAN 450 TYPICAL

NOTES

- 1. AT THE END OF ROWS OF RUNNERS A 12 GA HANGER WIRE SHALL BE ATTACHED WITHIN 6" OF WALL OR SOFFIT.
- 2. VERTICAL WIRES MORE THAN 1-IN-8 OUT OF PLUMB SHALL HAVE COUNTER BRACING WIRES.
- 3. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT (2) ADJACENT WALLS - OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL
- 4. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES.

LEGEND

-  T & T BAR CEILING
-  2'X 4' ELEC. FIXTURE RECESSED
-  SUPPLY AIR DIFFUSER
-  SPLAY WIRE
-  INDICATES FIXED SIDE 7/A7.11
-  INDICATES FREE SIDE 6/A7.11



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REFLECTED CEILING PLAN

(24'x40')

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

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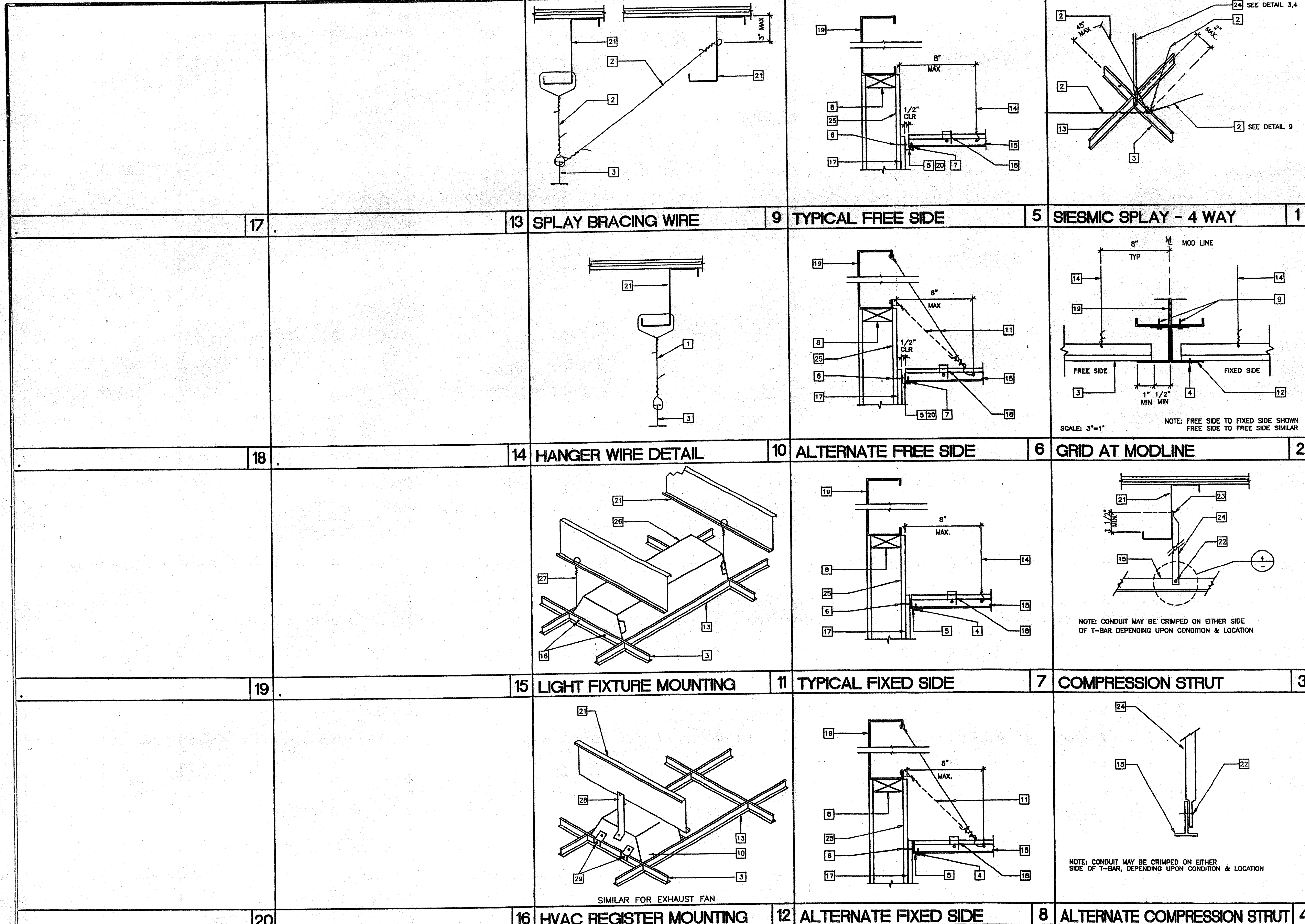
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REFLECTED CEILING PLAN 24'x40' **A7.01**

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- ### KEY NOTES
- HANGER WIRE AT 4'-0" OC IN PUNCHED OR DRILLED HOLE
 - SPLAY BRACE WIRE TO RUN IN SAME PLANE AS RUNNERS AT MAX 45° FROM CEILING PLANE
 - MAIN RUNNER
 - 1/8" DIA POP RIVET TO EACH T-BAR
 - WALL ANGLE
 - #4 NAIL AT 16" OC AT WALL STUDS (WOOD STUDS) #8 STMS AT 16" OC AT WALL STUDS (STEEL STUDS)
 - ANGLE WITH 1/8" DIA POP RIVET TO EACH T-BAR, NO CONNECTION TO WALL ANGLE
 - TOP PLATE
 - #10 STMS AT 4' OC
 - HVAC REGISTER, 2'x2' TYPICAL
 - HANGER TO TOP LIP OF ROOF BEAM WHERE NO PURLIN ABOVE MAX SLOPE 1" IN 8", ALTERNATE: CONNECT TO BOTTOM LIP (DASHED) WHERE THERE IS INTERFERENCE WITH DUCTWORK
 - 26 GA CEILING MOUNT X 2"
 - CROSS TEE
 - HANGER WIRE AT THE END ON EACH RUNNER TO PURLIN MAX DISTANCE FROM WALL 8" OR 1/4 LENGTH OF END TEE RUNNER, WHICHEVER IS LESS, SEE 10/A7.11
 - MAIN RUNNERS OR CROSS TEES
 - #8 STMS, (2) AT EACH END
 - FINISH WALL
 - HORIZONTAL STRUTS SHALL RUN CONTINUOUS AT ALL PERIMETERS, NOT POP RIVETED TO THE WALL ANGLE ARMSTRONG #7425 OR #7445 WITH SPRING STEEL SNAP TO RUNNER PER IR 47-4
 - ROOF BEAM
 - NO POP RIVETS
 - ROOF PURLIN
 - CRIMP CONDUIT AND ATTACH TO T-BAR GRID WITH (1) #8 TEKSCREW
 - CRIMP CONDUIT AND ATTACH TO PURLIN WITH (1) #8 TEKSCREW
 - 3/4" EMT CONDUIT
 - EXTEND GYP BOARD TO TOP PLATE FOR FIRE BLOCK
 - RECESSED LIGHT FIXTURE
 - SLACK WIRES, TOTAL OF (2) LOCATED AT OPPOSITE CORNERS OF FIXTURE OR REGISTER
 - (2) 26 GA STRAPS, FASTEN WITH #8 STMS (1) TO REGISTER AND (1) TO ROOF PURLIN OR ROOF BEAM
 - 24 GA REGISTER CLIP, FASTEN WITH #8 STMS (1) TO CEILING GRID AND (1) TO REGISTER, (2) CLIPS AT EACH END

NOTES

- ALL HANGER, SPLAY BRACE & SLACK WIRES SHALL BE 12 GA WITH MIN 4 TIGHT TURNS WITHIN 1 1/2" MAX OF EACH END

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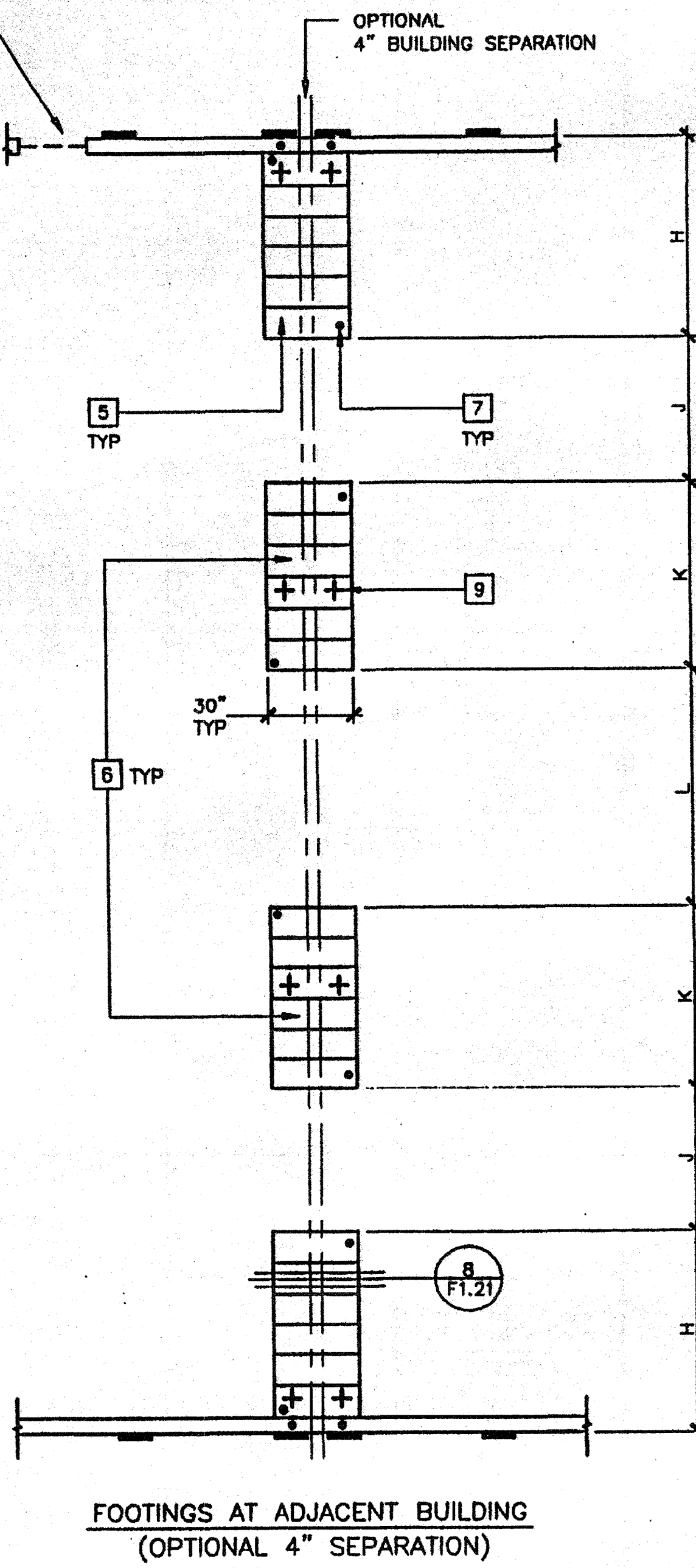
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A7.11

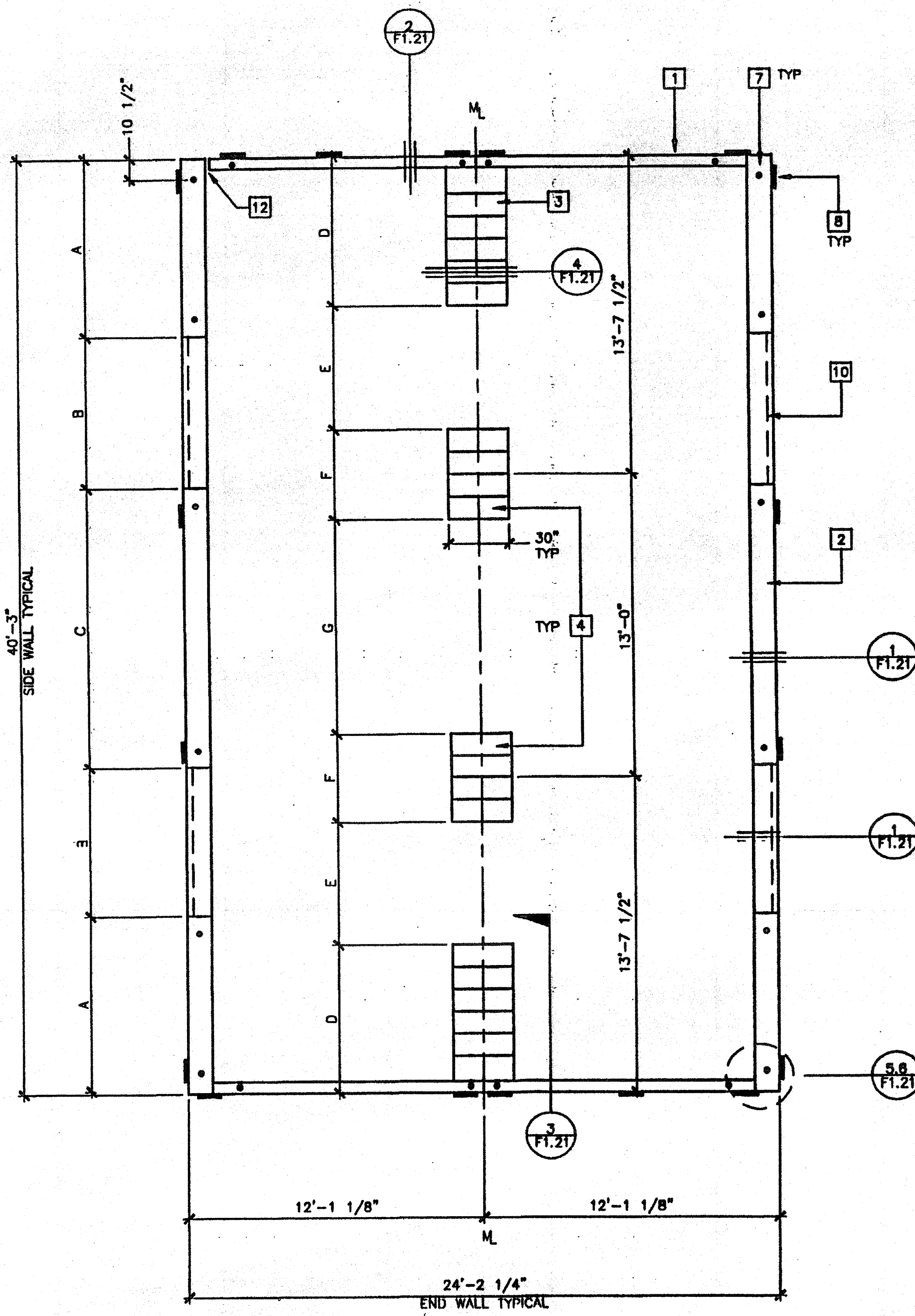
REFLECTED CEILING DETAILS

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3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS MIN 18" FROM BUILDING CORNERS MIN 18" FROM MODLINES MIN 12" BLOCKING BETWEEN VENTS



FOOTINGS AT ADJACENT BUILDING (OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

24'x40' WOOD SILL
SCALE: 1/4" = 1'-0"

FOUNDATION PLATE SCHEDULE

		50 PSF	50 + 20 PSF	100 PSF
END WALL	SILL	2"x8"	2"x8"	2"x12"
	BLOCKING	2"x4"	2"x4"	2"x8"
	TOP PLATE	2"x4"	2"x4"	2"x8"
SIDE WALL	SILL	2"x2"	2"x12"	2"x12"
	BLOCKING	2"x8"	2"x8"	2"x8"
	TOP PLATE	2"x8"	2"x8"	2"x8"
MODLINE PAD AT ENDWALL	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(5)2"x12"x30"
	BLOCKING	2"x10"	2"x10"	2"x10"
	TOP PLATE	2"x8"	2"x8"	2"x8"
MODLINE PAD AT INTERIOR	SILL	(4)2"x12"x30"	(5)2"x12"x30"	(12)2"x10"x30"
	BLOCKING	2"x10"	2"x10"	2"x10"
	TOP PLATE	2"x8"	2"x8"	2"x8"
4" SEPARATION PAD AT END WALL	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"
4" SEPARATION PAD AT INTERIOR	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(4)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"

NOTE: USE 2"x4" PLATES FOR ANY ADDITIONAL BLOCKING REQUIRED FOR LEVELING.
• ALL SILL (FOOTING) PLATES TO BE PRESSURE TREATED SEE NOTE #5 THIS SHEET.
• FOR FOUNDATION PLATE NAILING SEE F1.21

DIMENSION SCHEDULE

	50 PSF	50 + 20 PSF	100 PSF	125 PSF
A	7'-7 1/2"	9'-1 1/2"	9'-7 1/2"	
B	5'-8"	4'-0"	4'-0"	
C	12'-0"	14'-0"	15'-0"	
D	8'-1"	7'-1/4"	5'-1 1/2"	
E	5'-8"	4'-4"	3'-8"	
F	3'-8"	4'-8 1/4"	9'-3"	
G	9'-7"	8'-2"	3'-"	
H	8'-1"	8'-1"	5'-8 1/4"	
J	5'-9"	3'-10"	2'-8"	
K	5'-7 1/2"	7'-8"	0'-9 1/2"	
L	7'-4"	5'-5"	2'-7 1/2"	

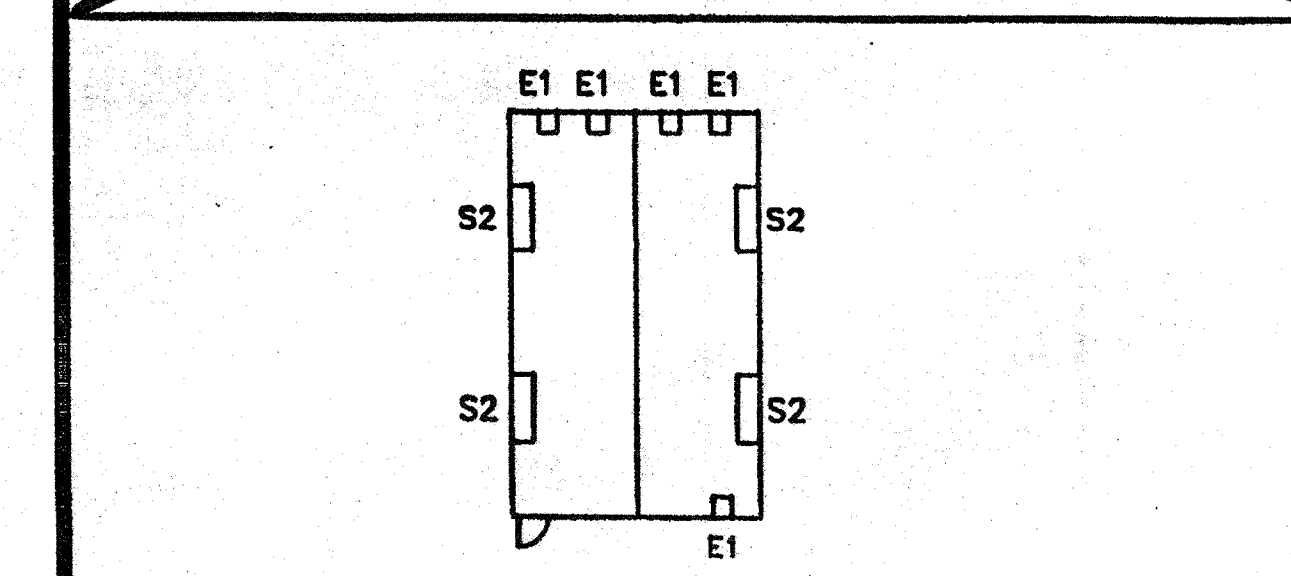
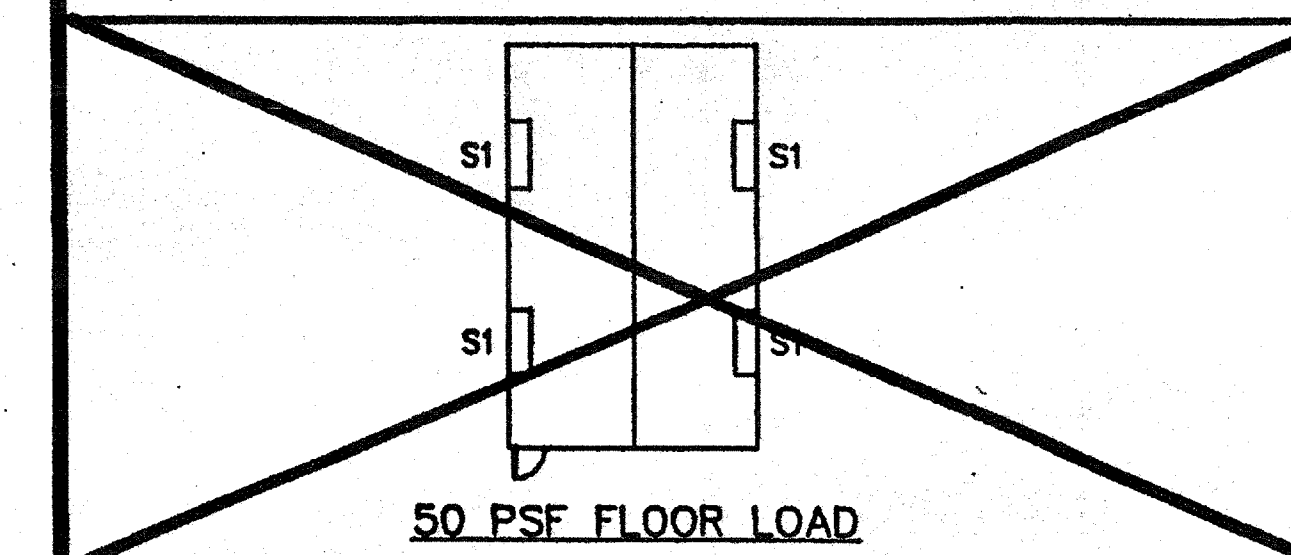
VENT CALCULATIONS

VENTING REQUIRED = 24'x40' = 960/150 = 6.4 SF

VENT
S1 = 3"x8" = 1.83 SF
S2 = 3"x4" = 1.00 SF
E1 = 3"x24" = 0.50 SF

50 PSF FLOOR LOAD
OWN = 0.88 SF > 6.40 SF OK

50+20 PSF FLOOR LOAD
S2x4 = 4.00 SF
E1x5 = 2.50 SF
6.50 SF > 6.40 OK



VENT LEGEND

S1 = SIDE WALL VENT, 3"x8"-0"
S2 = SIDE WALL VENT, 3"x4"-0"
E1 = END WALL VENT, 3"x2"-0"

KEY NOTES

- FOUNDATION AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION AT SIDE WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT INTERIOR - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION PAD AT 4" SEPARATION AT END WALL
- FOUNDATION PAD AT 4" SEPARATION AT INTERIOR WALL
- SILL RESTRAINT - SEE NOTE 1
- TIE PLATE - 5/8" F1.21
- AT 70 MPH DESIGN WIND LOAD; MIN (4) AT EACH END WALL, (3) AT EACH SIDE WALL
- AT 80 MPH DESIGN WIND LOAD; MIN (5) AT EACH END WALL, (3) AT EACH SIDE WALL
- 5/8" DIAx4" LAGS
- FOUNDATION VENT
- FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
- 2" CUTOFF OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

NOTES

- SILL RESTRAINT: ON ASPHALTIC CONCRETE PAVING AND ON SOIL USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX WITH 12" PENETRATION BELOW SURFACE VERTICALLY. DRILLED SILL HOLE TO BE 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE ON CONCRETE PAVING HILT DS 82-P10 THRU SILL PLATE. 8" OC AT END WALLS AND 16" OC AT SIDE WALLS
- TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
- A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN-PLANT INSPECTOR.
- FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
- THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

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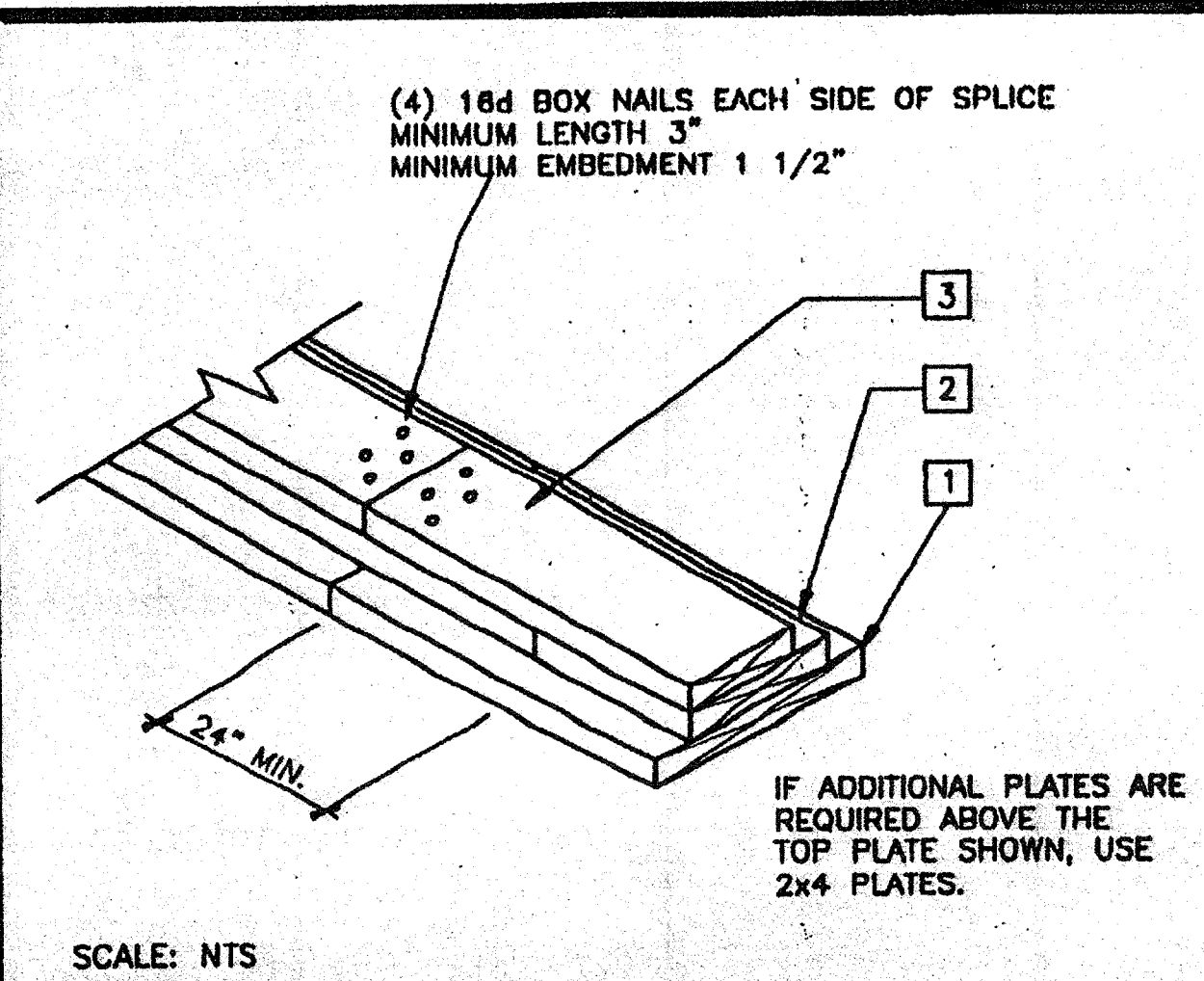
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FOUNDATION PLAN 24'x40'/WOOD/50, 50+20, 100 PSF

F1.01

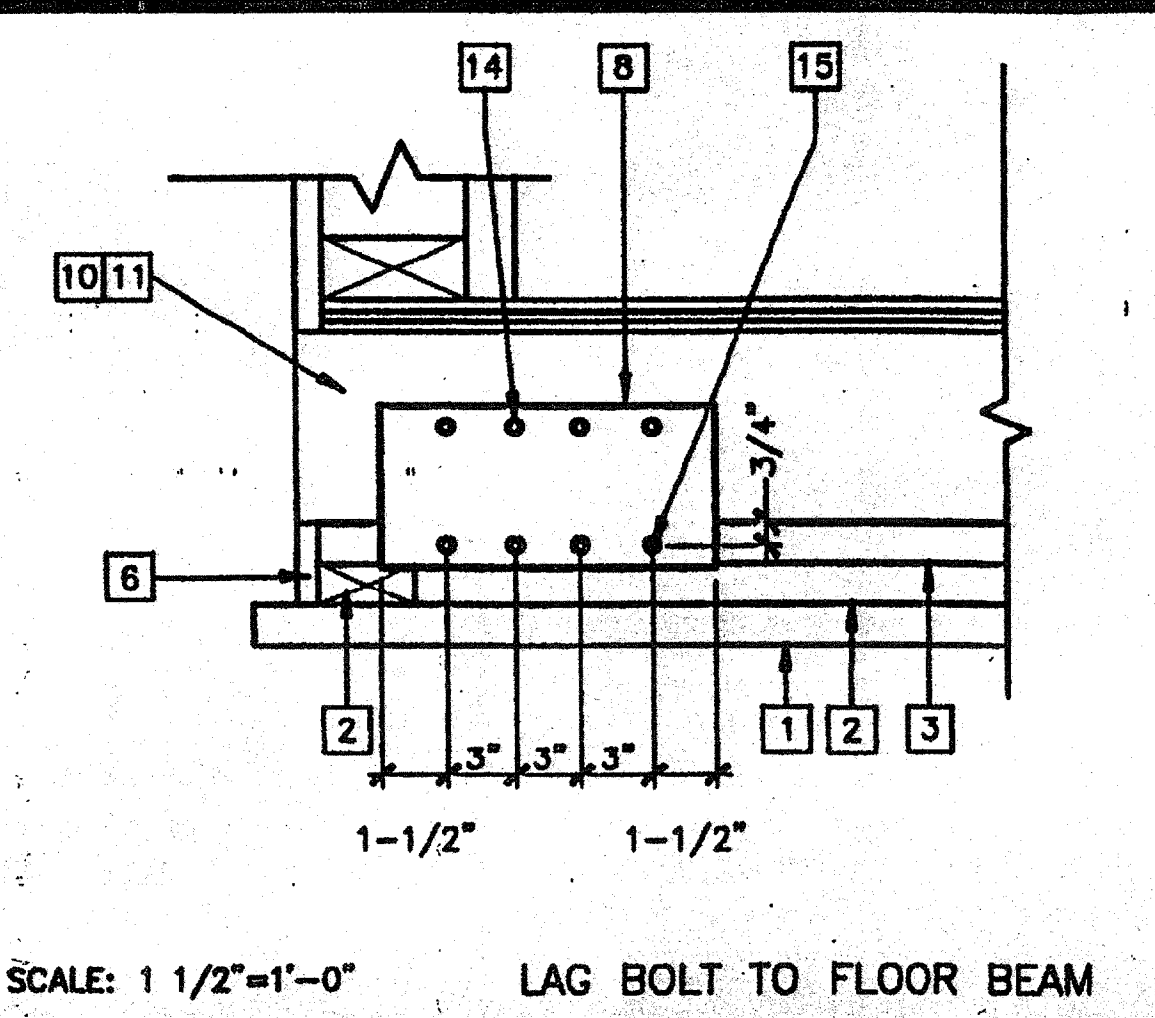
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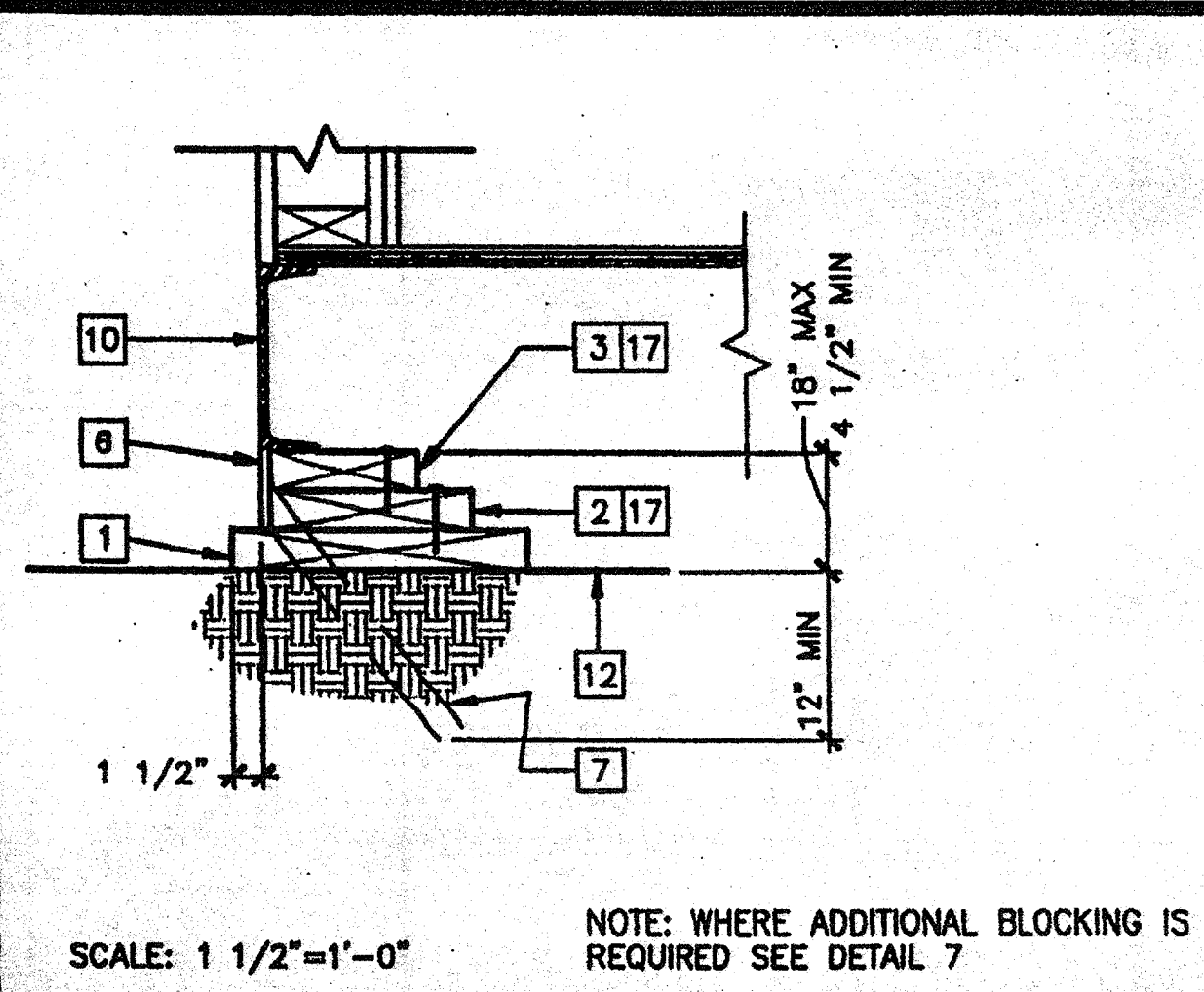
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FOUNDATION SPLICE 9



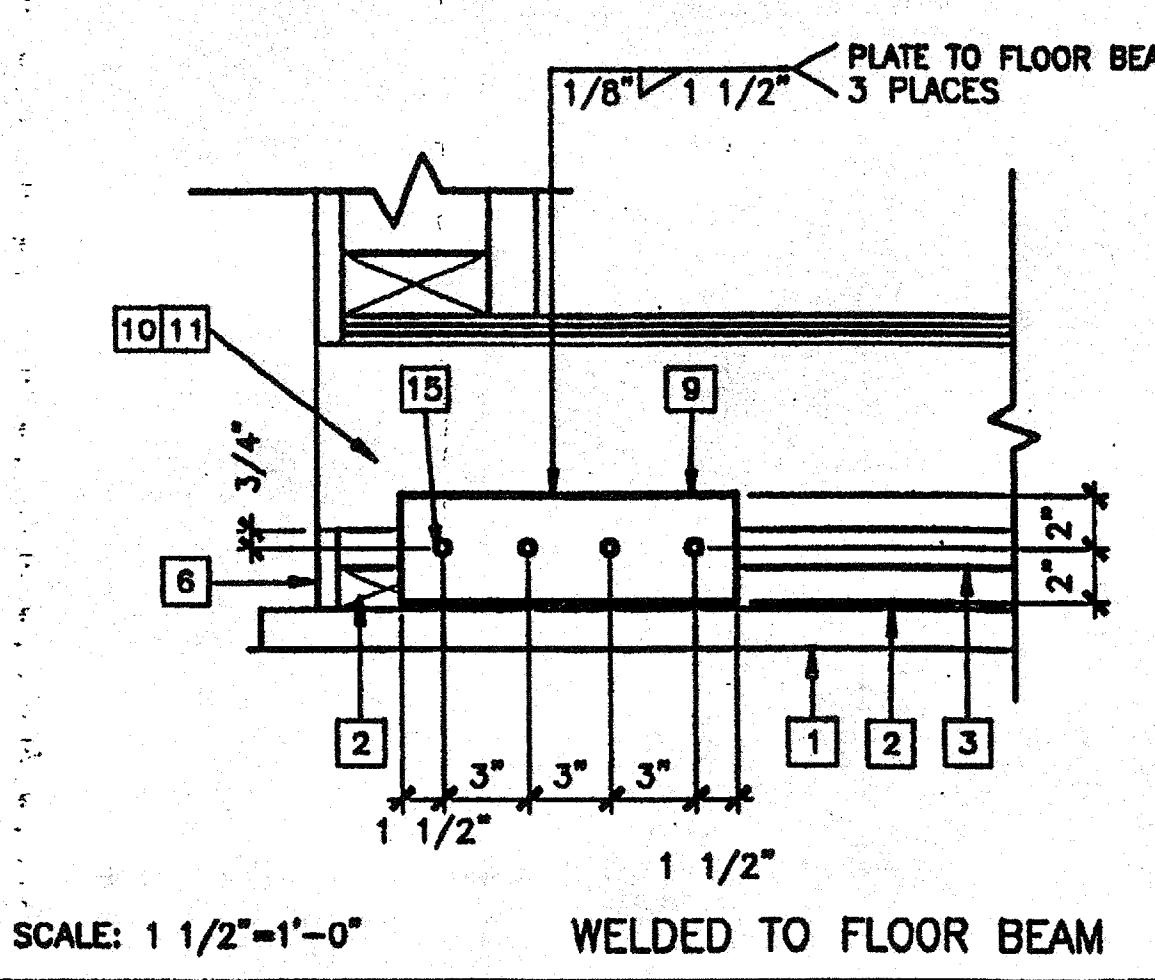
SCALE: 1 1/2"=1'-0" LAG BOLT TO FLOOR BEAM

TIE PLATE 5



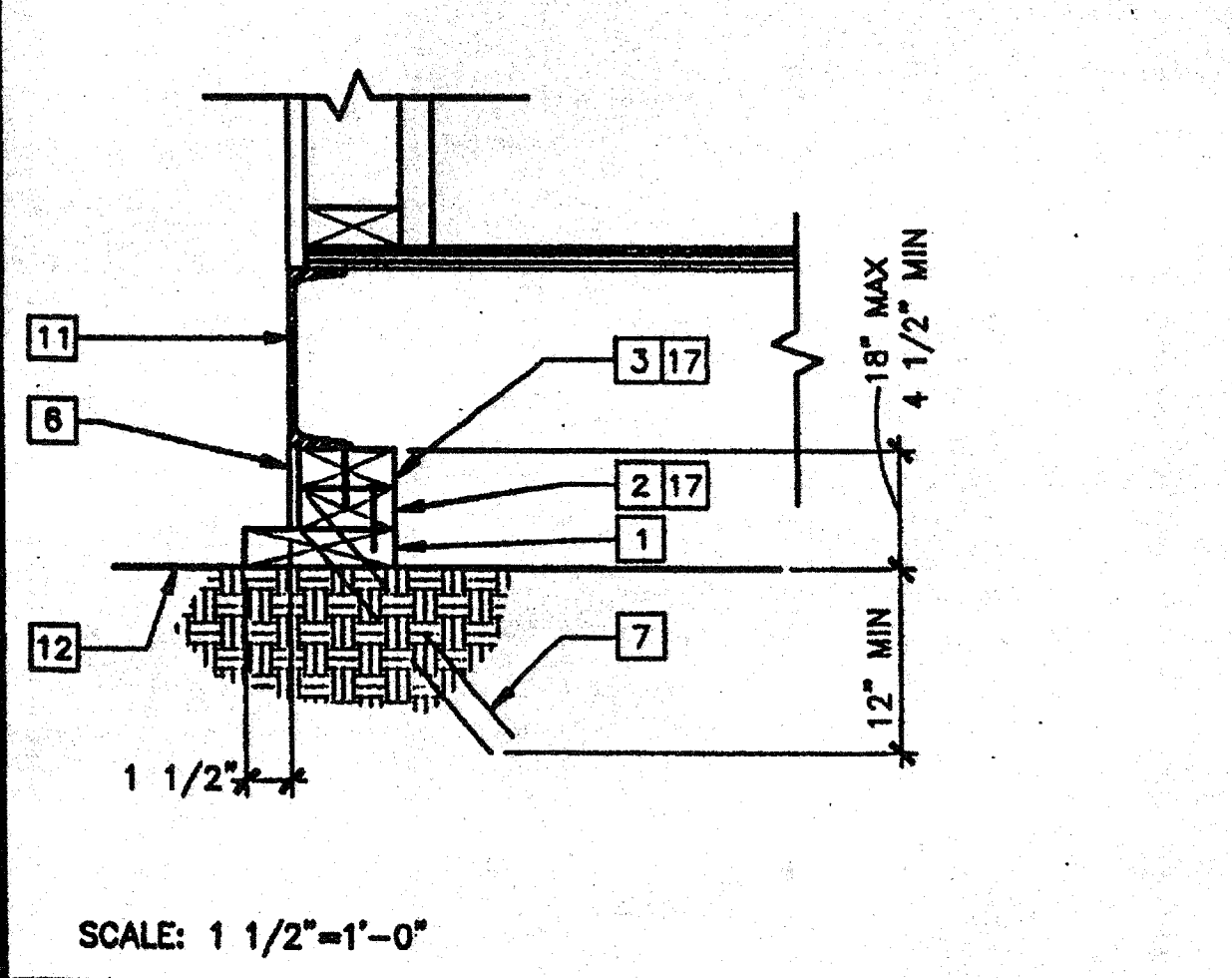
SCALE: 1 1/2"=1'-0" NOTE: WHERE ADDITIONAL BLOCKING IS REQUIRED SEE DETAIL 7

FOUNDATION AT SIDE WALL 1



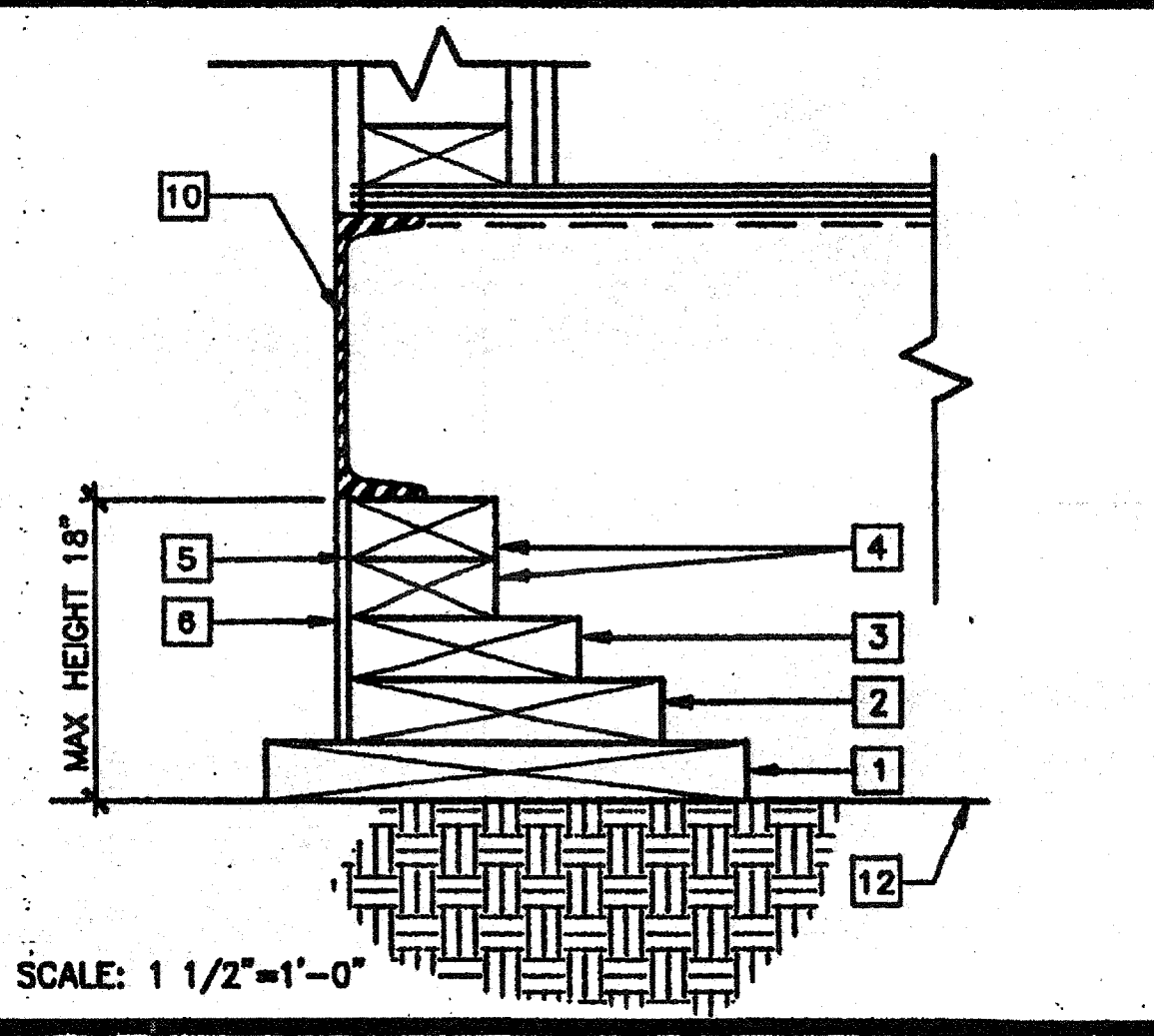
SCALE: 1 1/2"=1'-0" WELDED TO FLOOR BEAM

TIE PLATE (ALTERNATE) 6



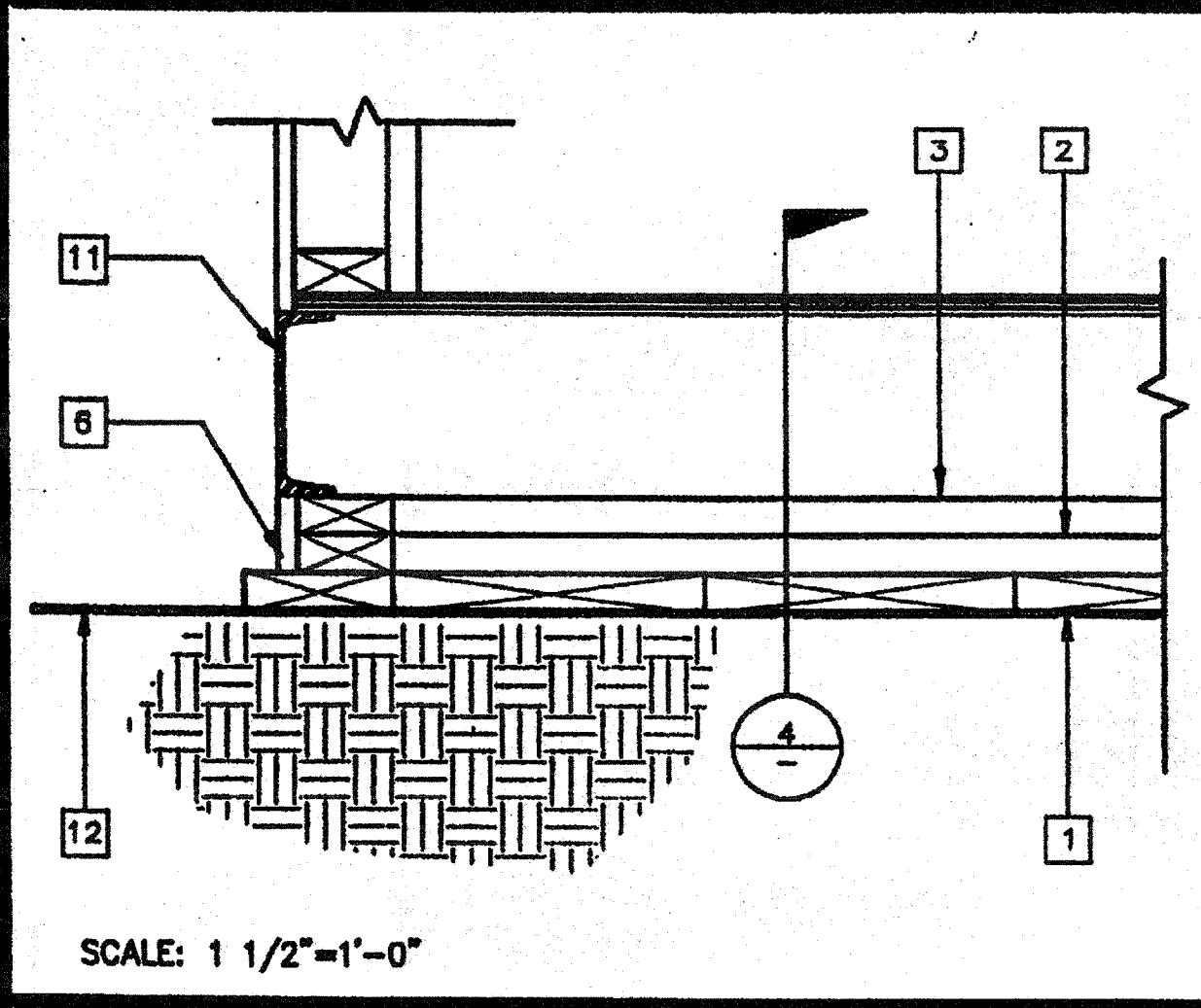
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FOUNDATION AT END WALL 2



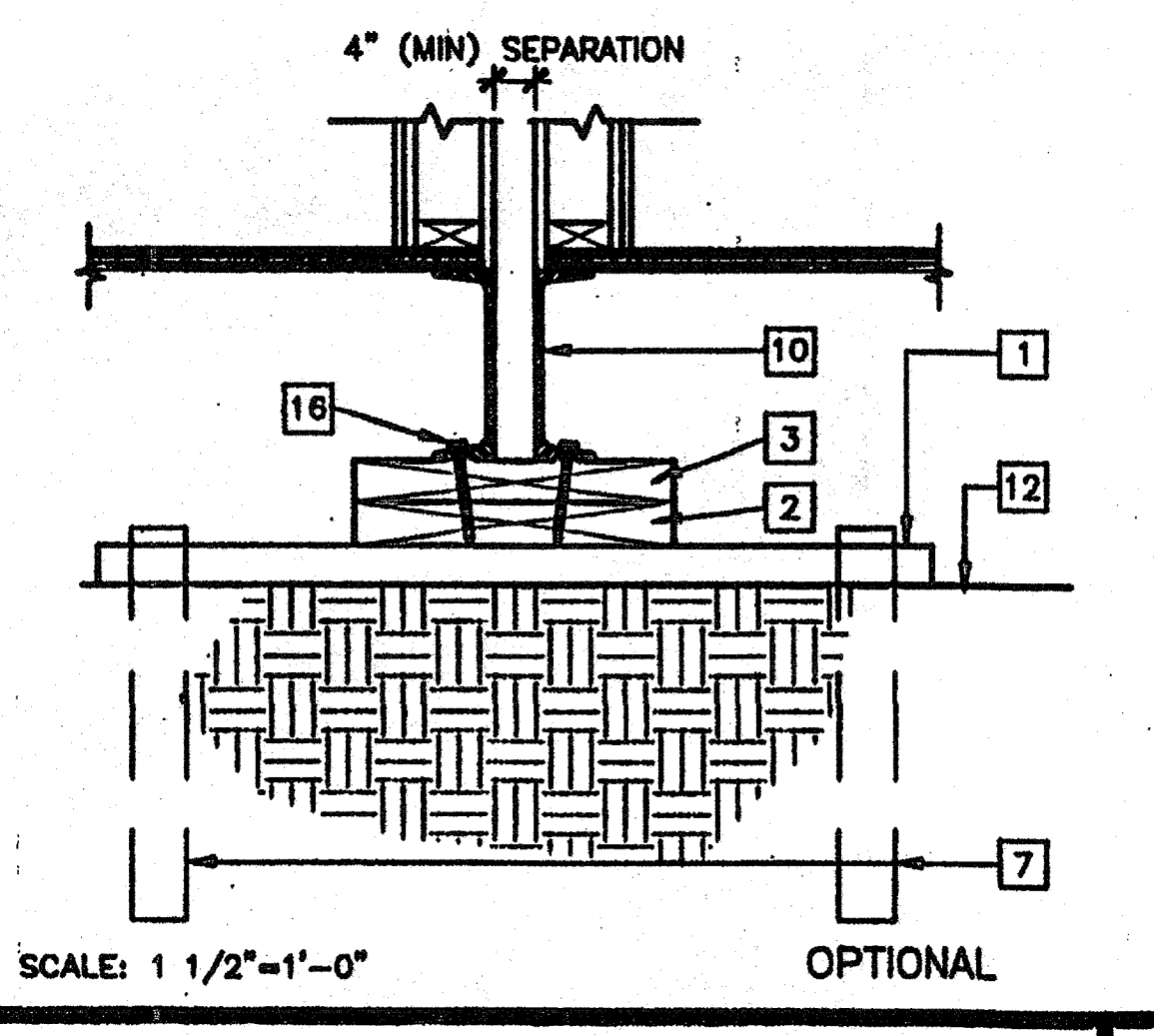
SCALE: 1 1/2"=1'-0"

ADDITIONAL BLOCKING 7



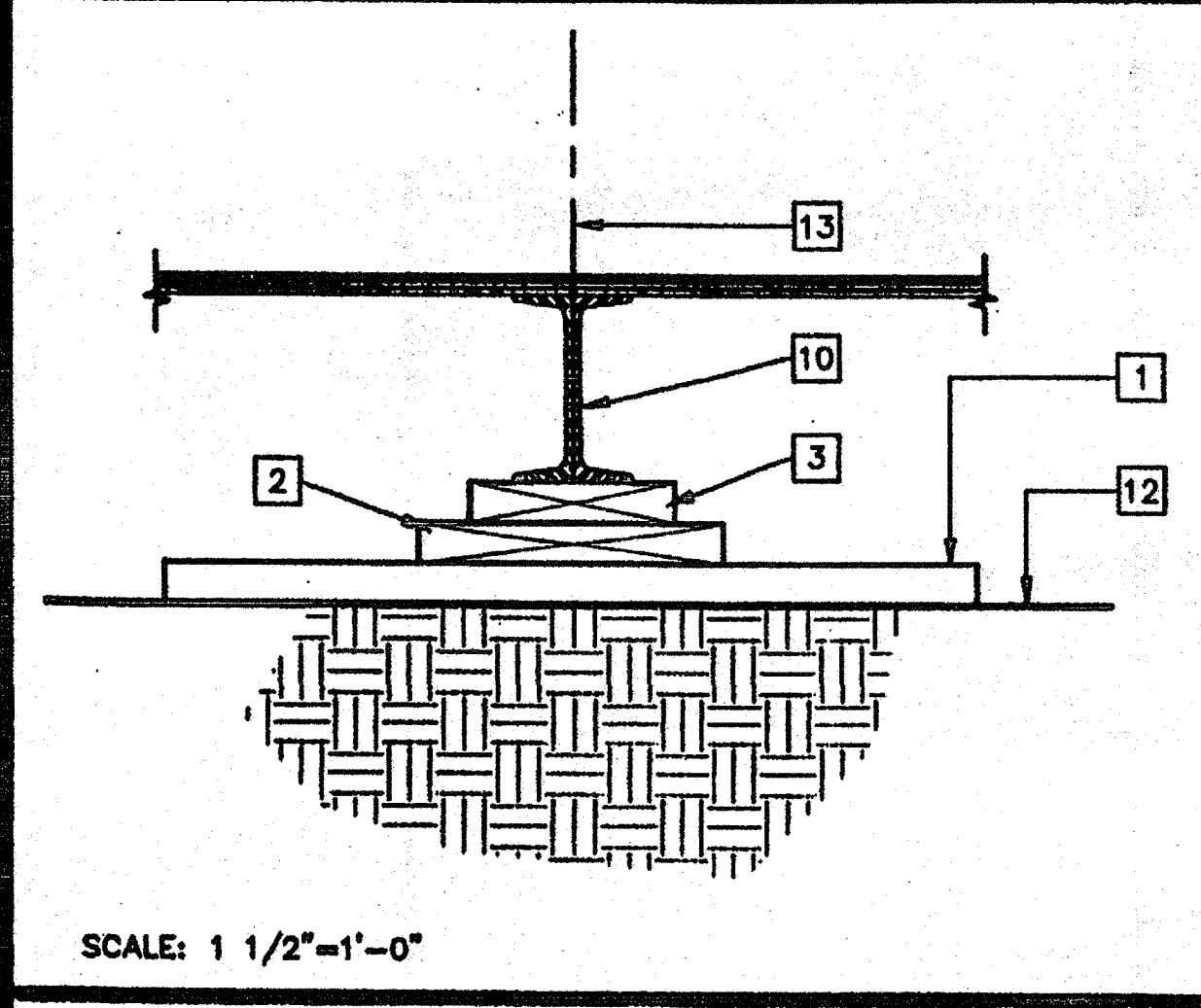
SCALE: 1 1/2"=1'-0"

FOUNDATION AT MODLINE 3



SCALE: 1 1/2"=1'-0" OPTIONAL

FOUNDATION AT ADJACENT BUILDING 8



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

FOUNDATION AT MODLINE 4

- KEY NOTES**
- 1 SILL PLATE - SEE FOUNDATION PLATE SCHEDULE.
 - 2 BLOCKING PLATE - SEE FOUNDATION PLATE SCHEDULE. ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
 - 3 TOP PLATE - SEE FOUNDATION PLATE SCHEDULE. ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
 - 4 ADDITIONAL 2"x4" BLOCKING AS NECESSARY FOR LEVELING
 - 5 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE
 - 6 SKIRTING-3/8" PLYWOOD, ATTACH WITH 10d NAILS. EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS. FIELD NAILING 12" OC
 - 7 SILL RESTRAINT - SEE NOTE 1
 - 8 TIE PLATE 6"x12"x10 GA
 - 9 TIE PLATE 4"x12"x10 GA
 - 10 FLOOR BEAM
 - 11 FLOOR HEADER
 - 12 FINISH GRADE
 - 13 MODLINE
 - 14 1/4" DIA STS TYPICAL 4 PLACES
 - 15 1/4" DIAx3" LONG LAG SCREW TYPICAL 4 PLACES
 - 16 5/8" DIAx4" LAGS (FOR LOCATION SEE PLAN)
 - 17 REMOVE AT VENT LOCATIONS

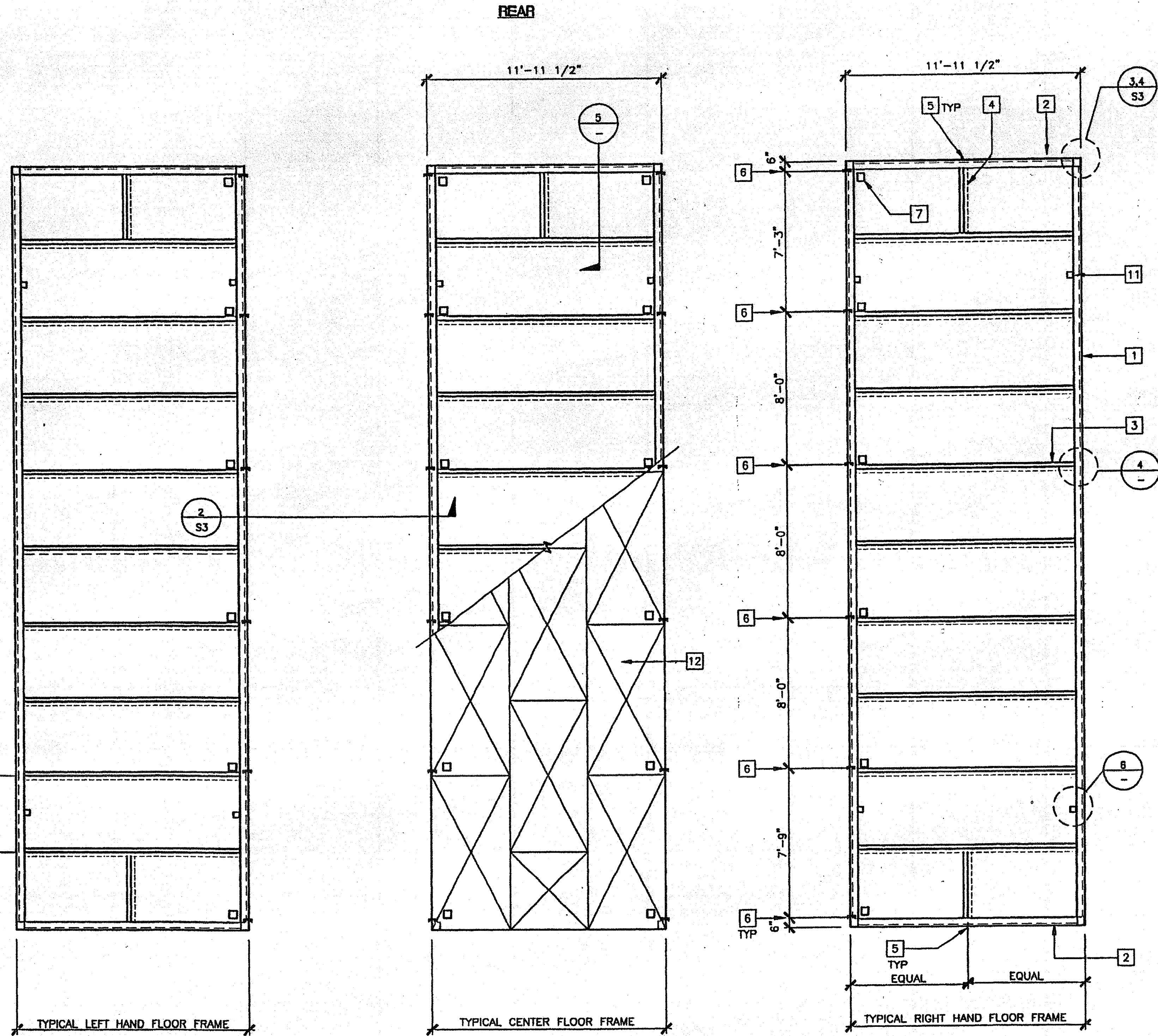
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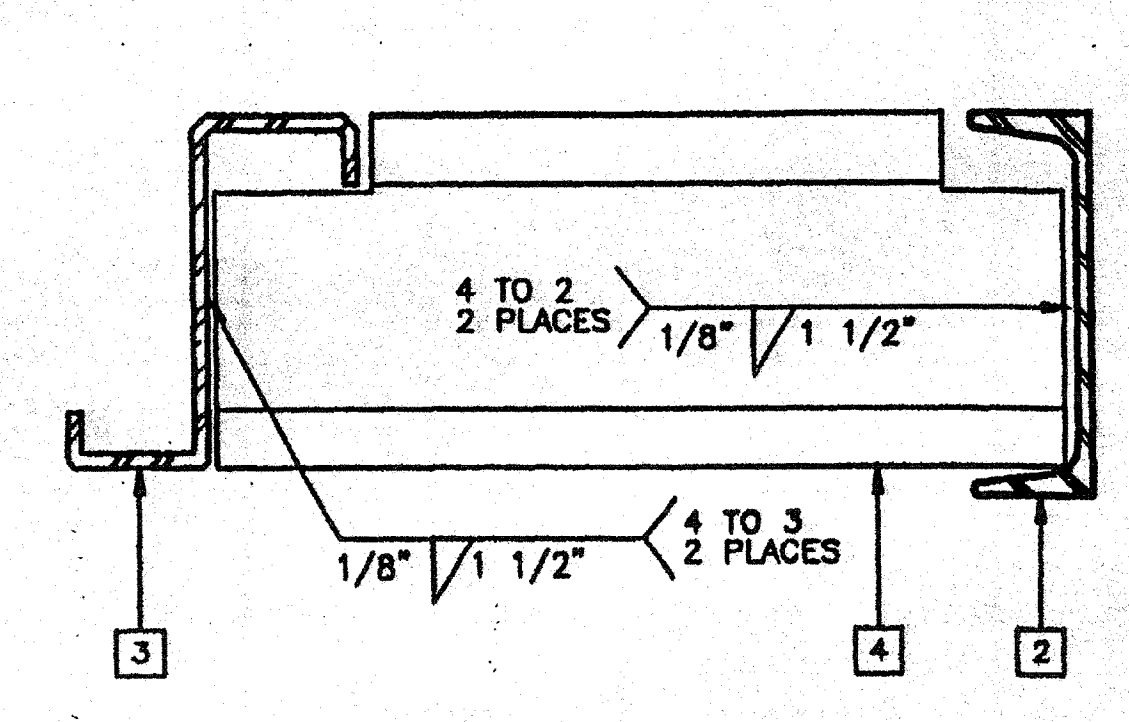
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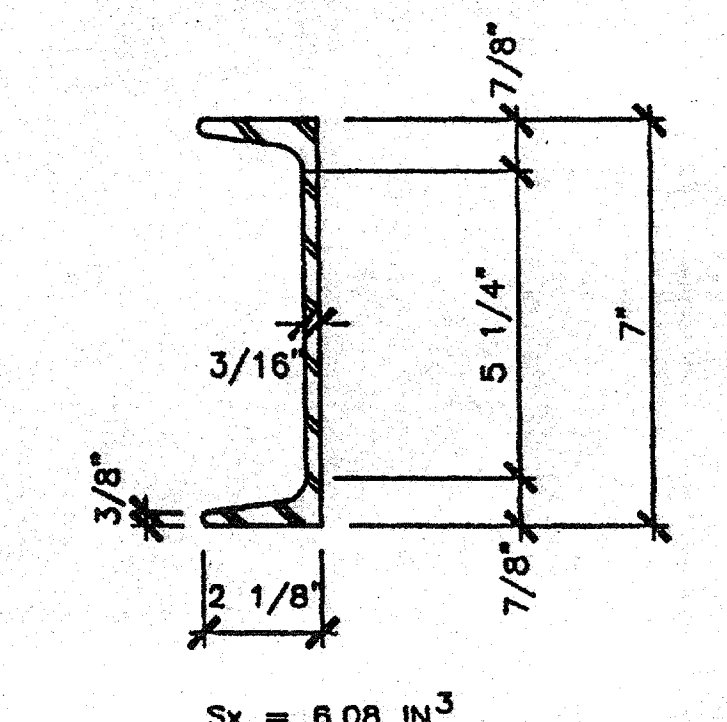


FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

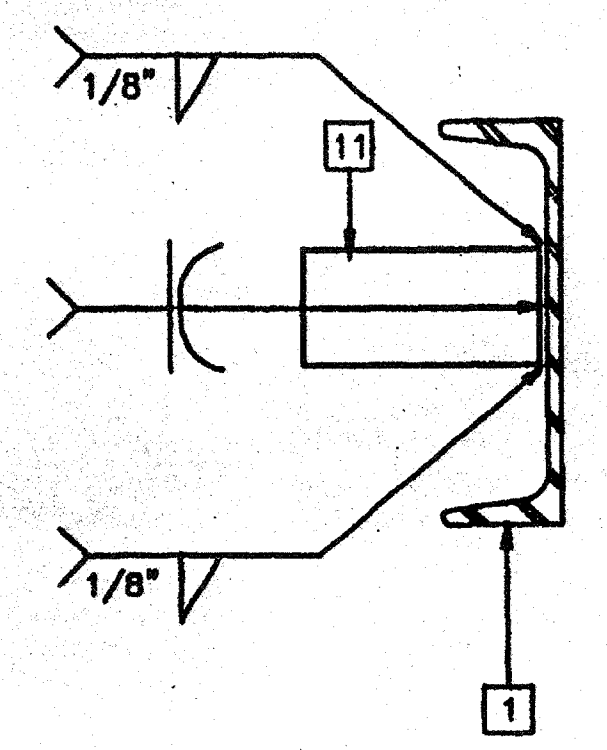
SEE FLOOR JOIST TABLE FOR APPROPRIATE SPACING PER JOB.



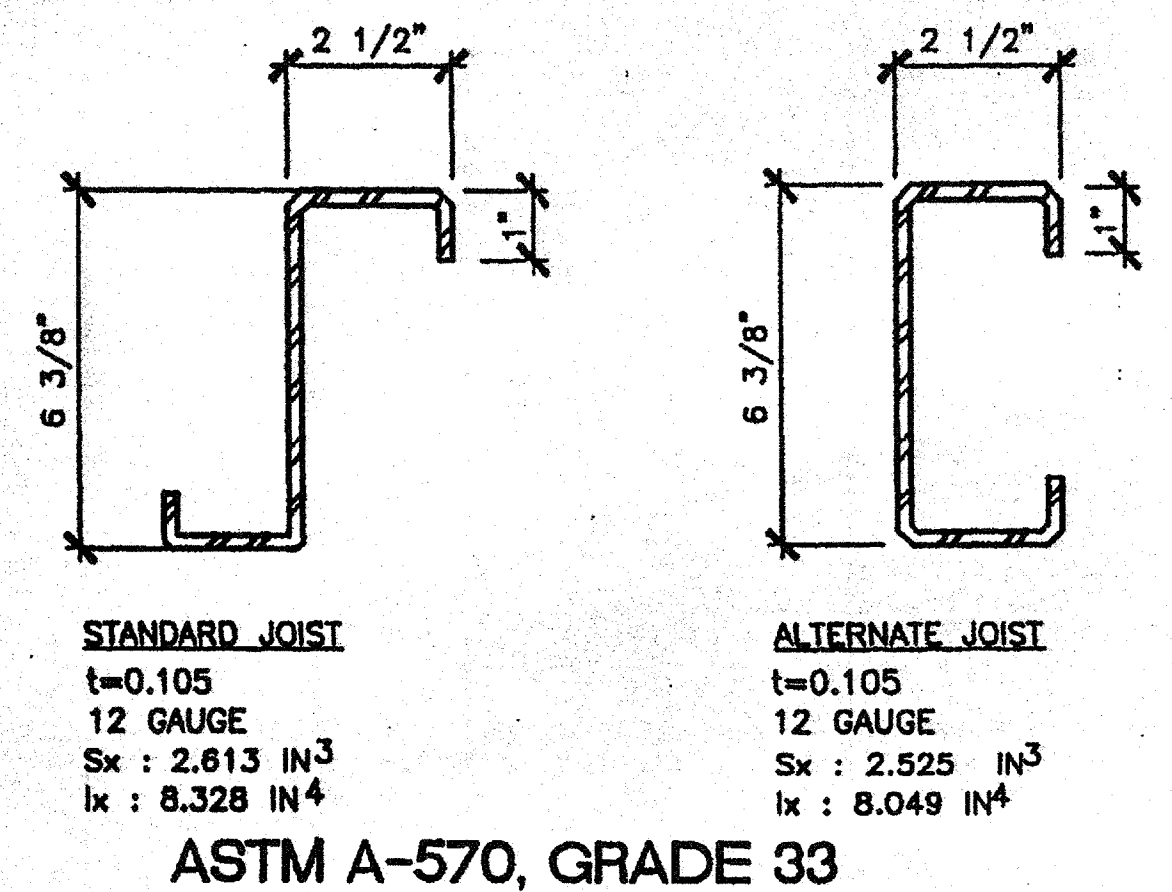
FLOOR HEADER BLOCKING 5
SCALE: NTS



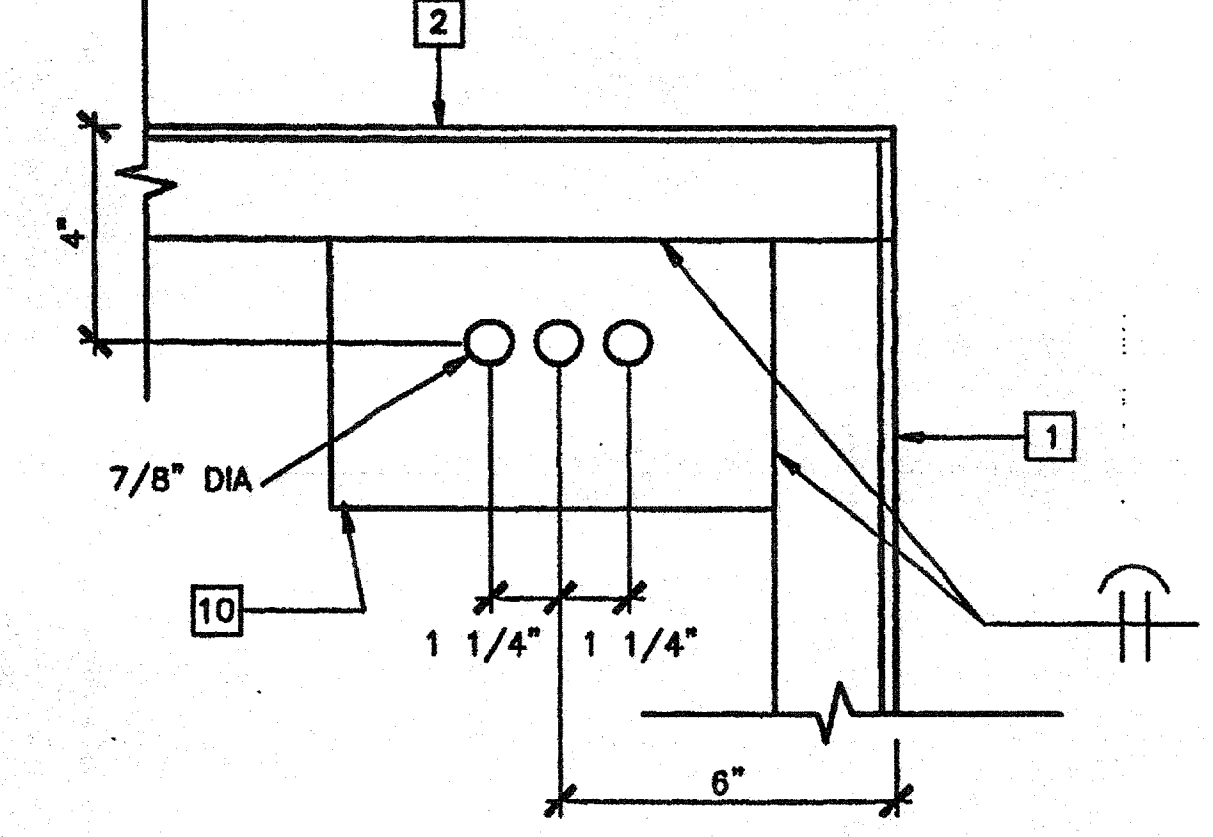
FLOOR BEAM/HEADER 1
SCALE: NTS



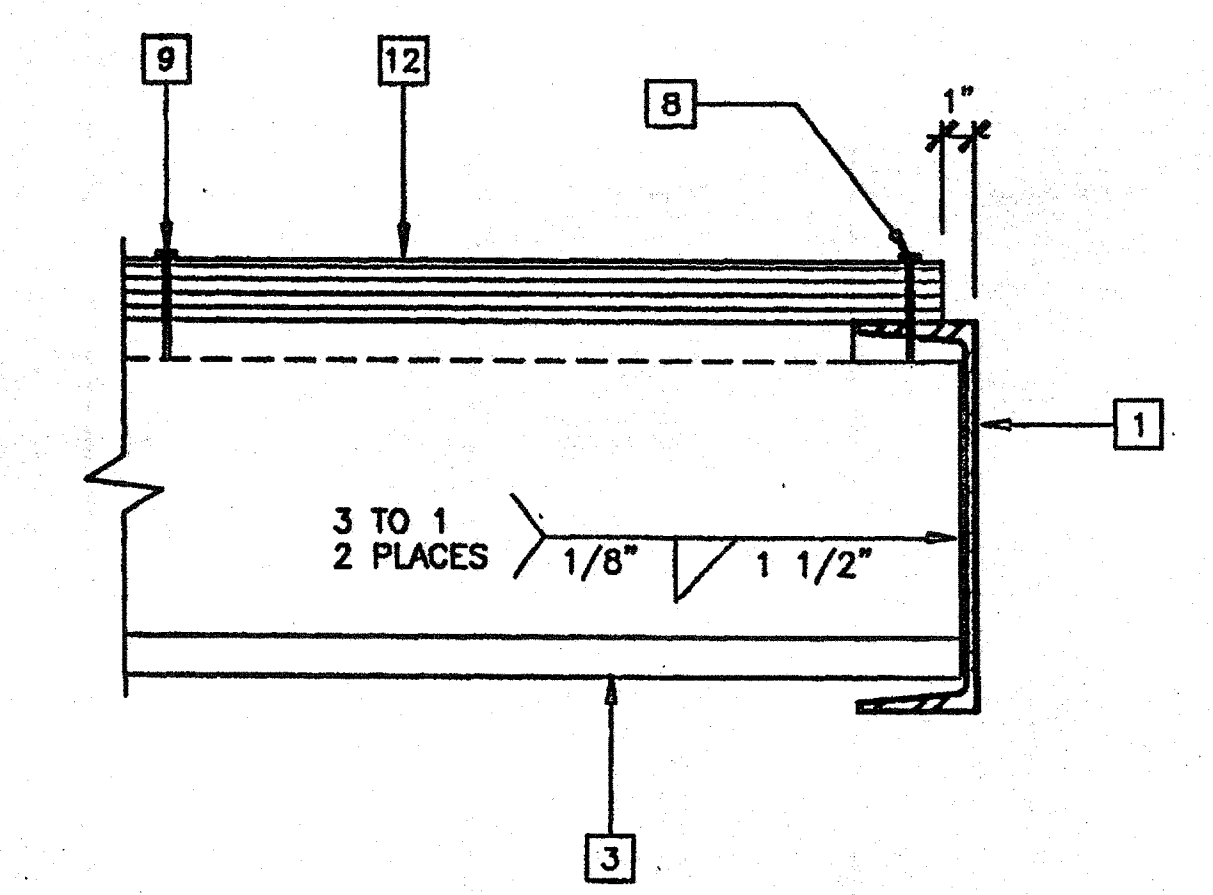
SHIPPING HOLD DOWN 6
SCALE: NTS



FLOOR JOIST 2
SCALE: NTS



ANCHOR PLATE (CONCRETE FOUNDATION) 3
SCALE: NTS (OPTIONAL)



FLOOR JOIST TO FLOOR BEAM 4
SCALE: NTS

- KEY NOTES**
- [1] FLOOR BEAM, COPE TO MATE WITH HEADER - 1/S1.01
 - [2] FLOOR HEADER - 1/S1.01
 - [3] FLOOR JOIST - 2/S1.01
 - [4] BLOCKING AT MIDSPAN OF FLOOR HEADER - 5/S1.01
 - [5] 11/16" HOLE AT MIDDEPTH FOR HANDLING
 - [6] 11/16" MODLINE BOLT HOLE, 2/S3
 - [7] 5" SQUARE HAND HOLES AT EACH MODLINE BOLT LOCATION
 - [8] EDGE NAILING AT FLOOR BEAM OR HEADER - #10x1 3/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC
 - [9] EDGE NAILING OR FIELD NAILING - AEROSMITH AKN .144 DRIVE PINS AT 6" OC, FIELD NAILING TO BE 10" OC FOR PURLINE SPACING OF 32" OR LESS
 - [10] 5"x8"x1/4" STEEL ANCHOR PLATE, FOR OPTIONAL CONCRETE FOUNDATION ONLY.
 - [11] SHIPPING HOLD DOWN - 3 1/2"x3 1/2"x1/4" TUBE STEEL CUT TO 1 3/4" HEIGHT
 - [12] PLYWOOD FLOOR SHEATHING: APA PS 1-83, 1 1/8" THICK STURD-I-FLOOR WITH 48" OC SPAN RATING - LAYOUT PATTERN SHOWN IS TYPICAL

FLOOR JOIST TABLE

LIVE LOAD PSF	JOIST SPACING STANDARD	JOIST SPACING STIFFENED
50	16"	24"
50+20	32"	16"
100	24"	N/A
125	16"	N/A

REVISIONS

1		
2		
3		
4		
5		

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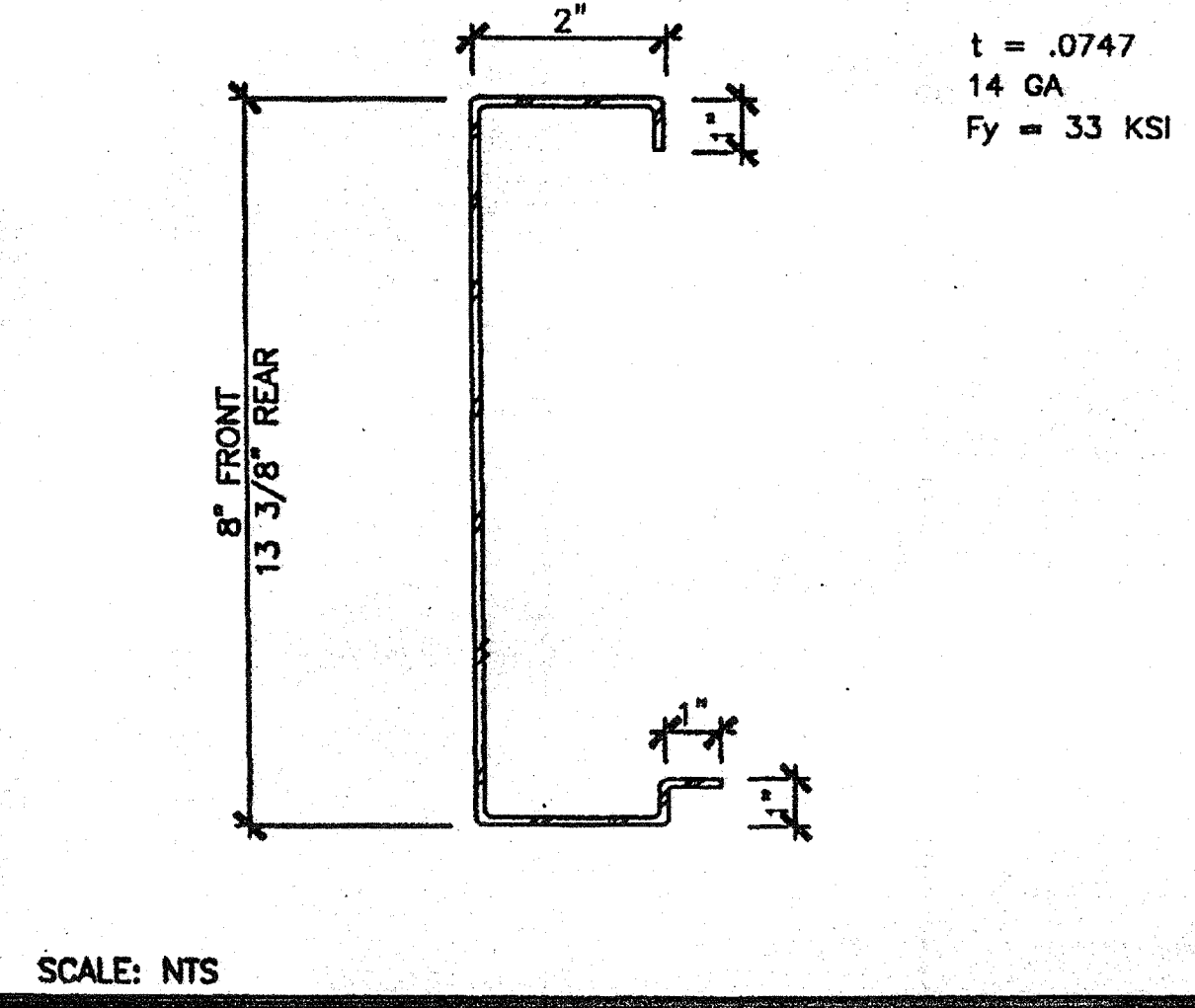
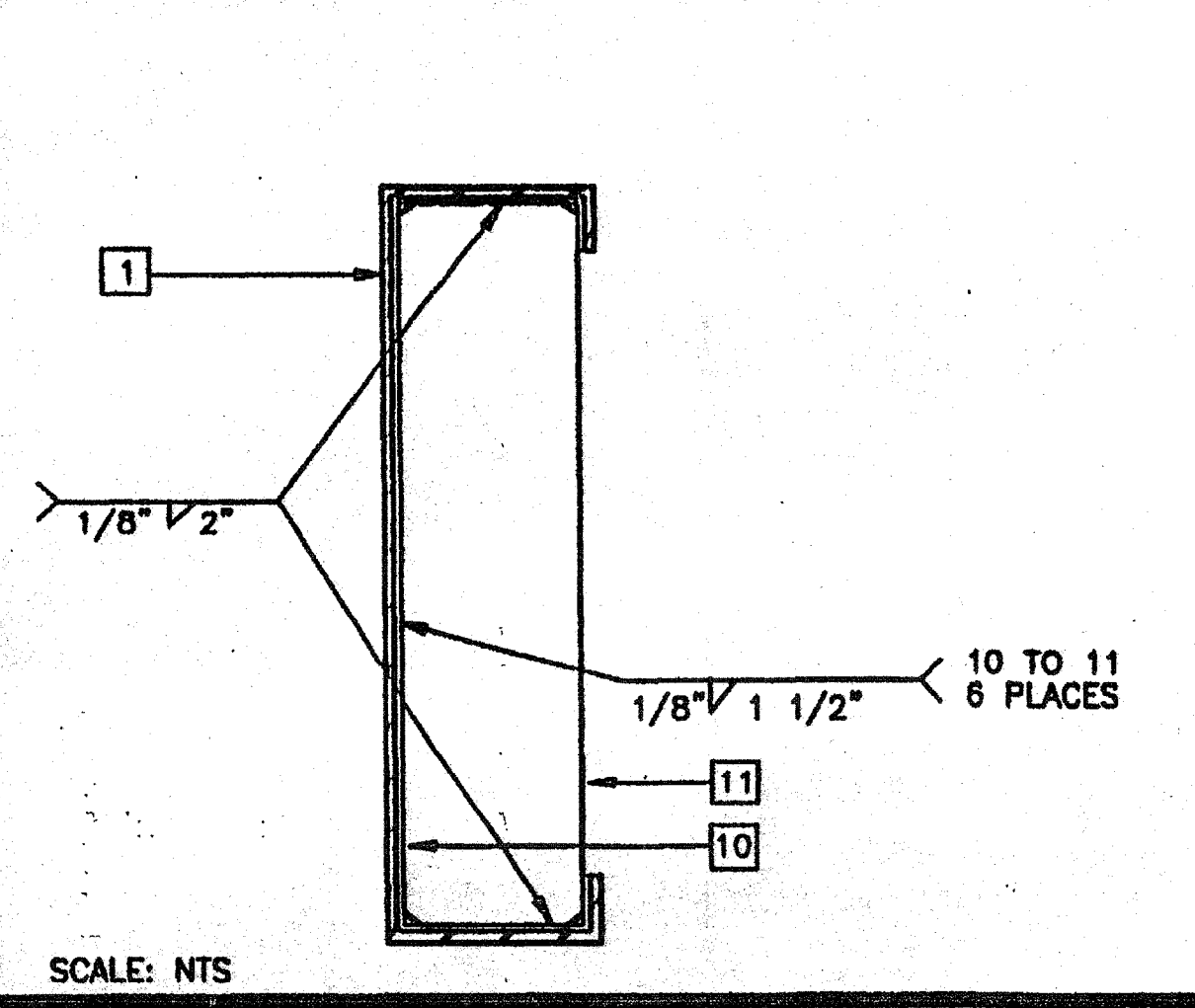
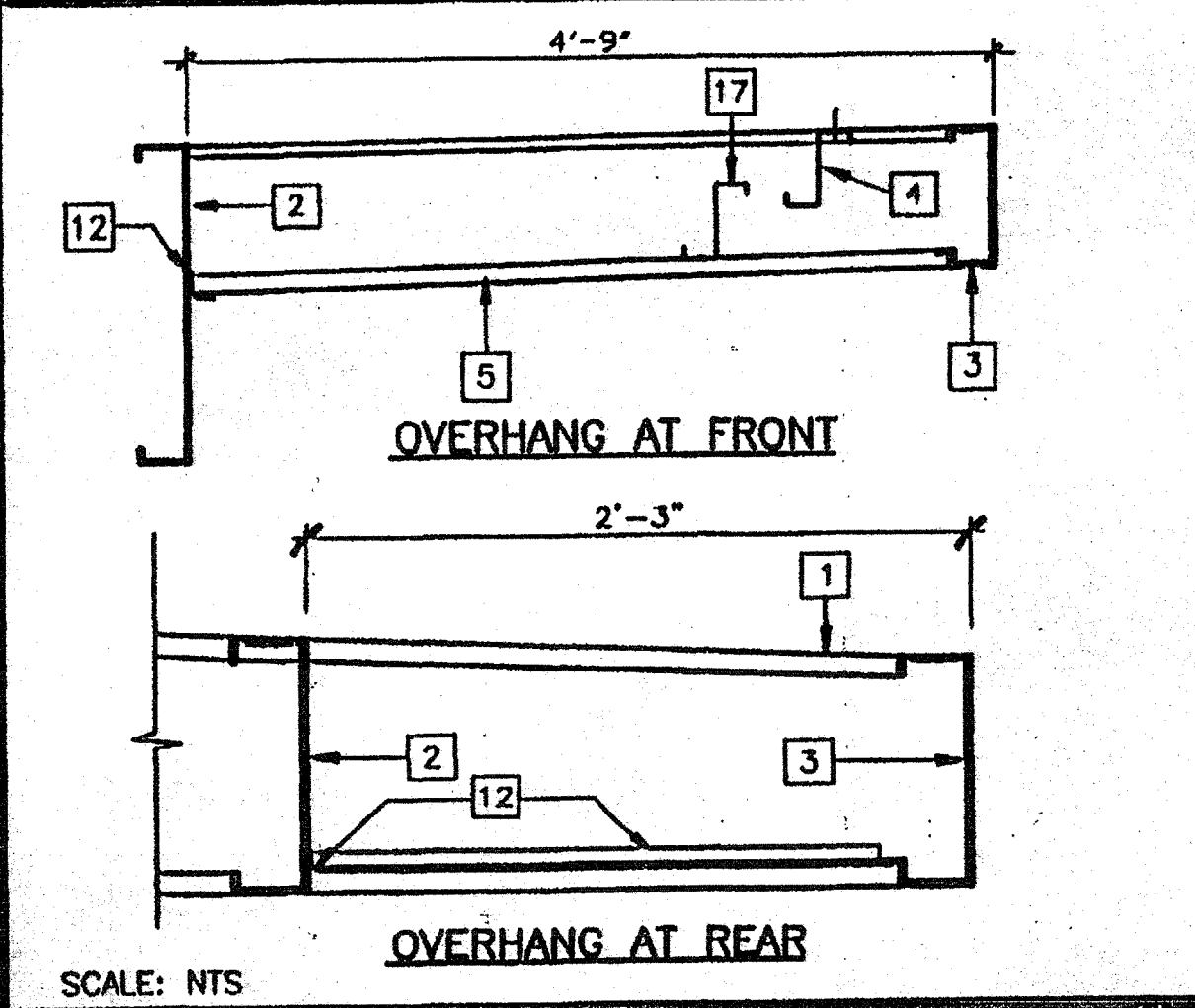
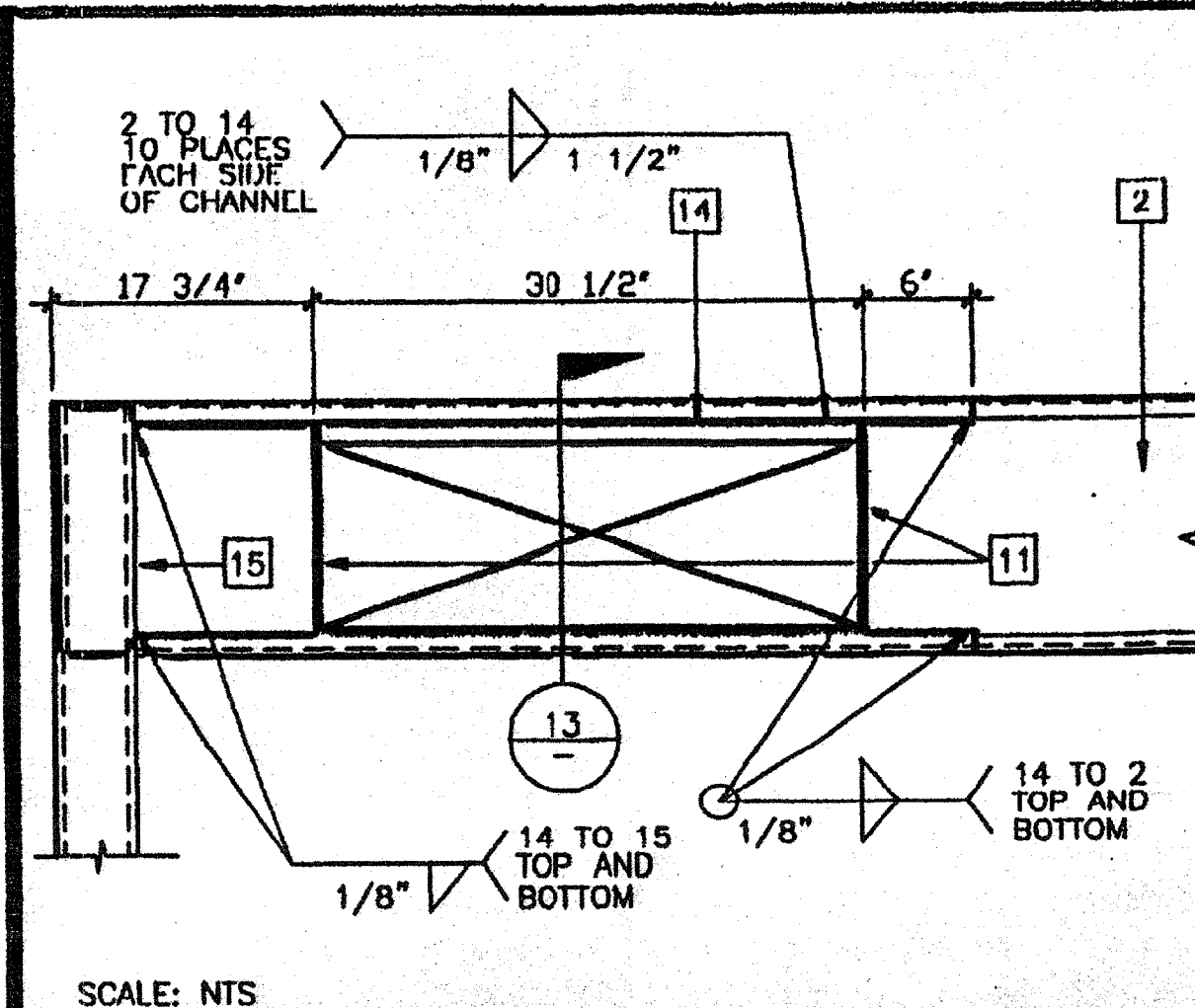
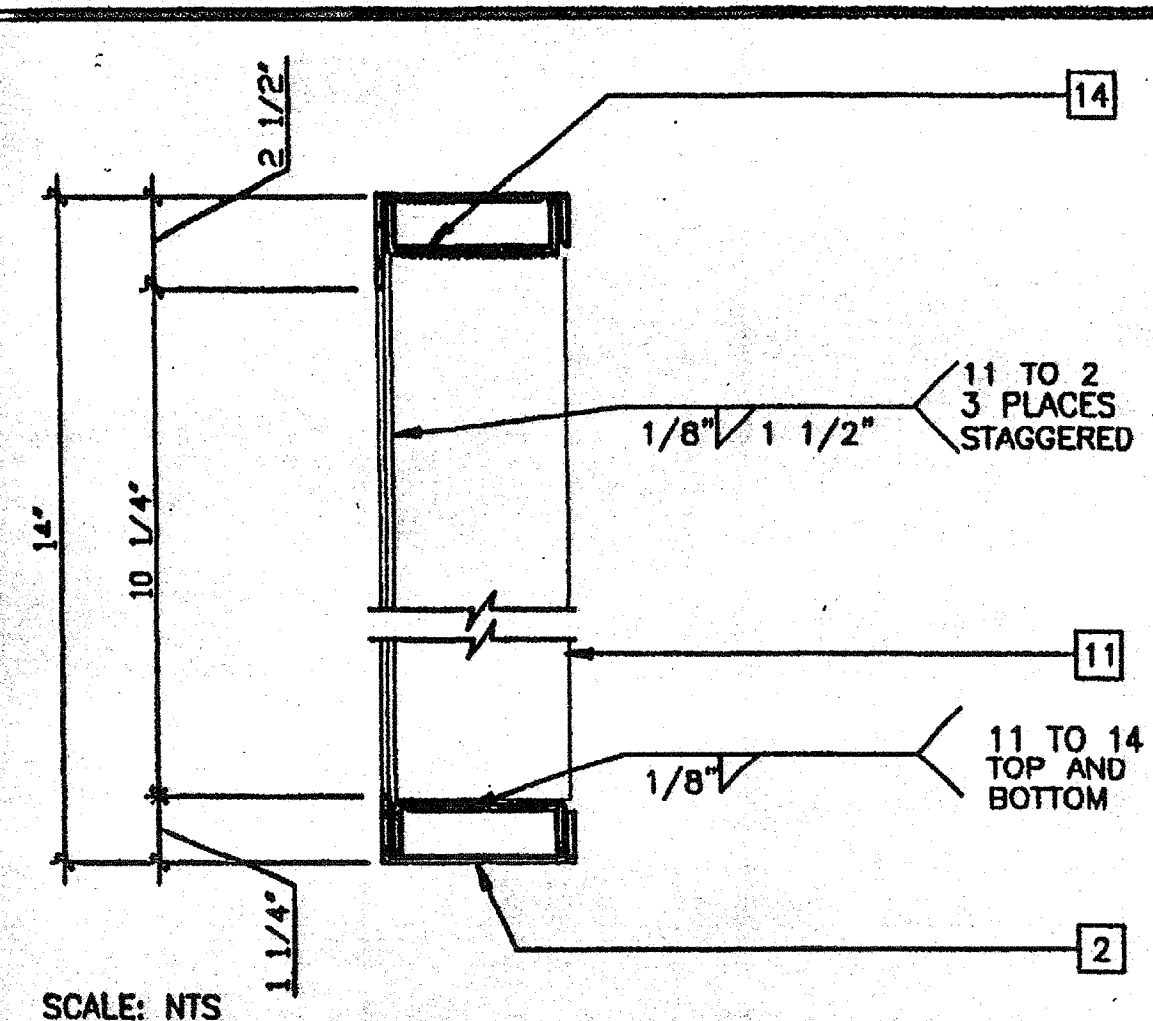
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GLENDALE HIGH SCHOOL
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FLOOR FRAMING PLAN WOOD FLOOR

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24 X 40 FILE PATH: 2440-S1.01.DWG



- ### KEY NOTES
- TAPERED ROOF BEAM - 1/S2.02
 - ROOF HEADER - 2/S2.02
 - ROOF FASCIA - 3/S2.02
 - ROOF PURLIN - 4/S2.02
 - ROOF OVERHANG BEAM - 10/S3.02
 - 1 1/8" DIA DRILLED HOLE - 5/S3.02
 - EDGE NAIL THIS LINE
 - PLYWOOD ROOF SHEATHING, 3/4" CD EXPOSURE 1, P.1.1 48/24, PSI-B3 PLYCLIPS AT 16" OC MAX ON LONG EDGES #10x1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC TO PERIMETER FRAME OR ALTERNATE USE AEROSMITH AKN.144 DRIVE PINS AT 6" OC TO PERIMETER FRAME, AEROSMITH AKN.144.0175 DRIVE PINS AT 6" OC AT SUPPORTED EDGES AND 8" OC FIELD NAILING TO PURLINS, PLYWOOD PATTERN SHOWN IS TYPICAL
 - OPTIONAL BEAM SPLICE LOCATIONS
 - 10 GA BENT PLATE BACK UP
 - 1/4" FULL DEPTH STIFFENER PLATE
 - 1/2"x1/2"x16 GA ANGLE, TACK WELD TO HEADER AND ROOF BEAM
 - 6"x2 1/2"x14 GA BLOCKING AT HEADER MIDSPAN FOR 80 MPH DESIGN WIND LOAD ONLY
 - 3 1/4"x1" CHANNEL STIFFENER
 - TUBE STEEL STIFFENER
 - LOCATION OF ADDITIONAL PURLIN FOR BUILDINGS THAT EXCEED 2160 SF
 - 2" STIFFENER AT SOFFIT CLOSURE - 4/S2.01
 - OPTIONAL 6"x2 1/2"x14 GA PURLIN FRAMING FOR ROUGH OPENING OF OPTIONAL ROOF MOUNT HVAC, SPACING AND LOCATION WILL VARY (HV)

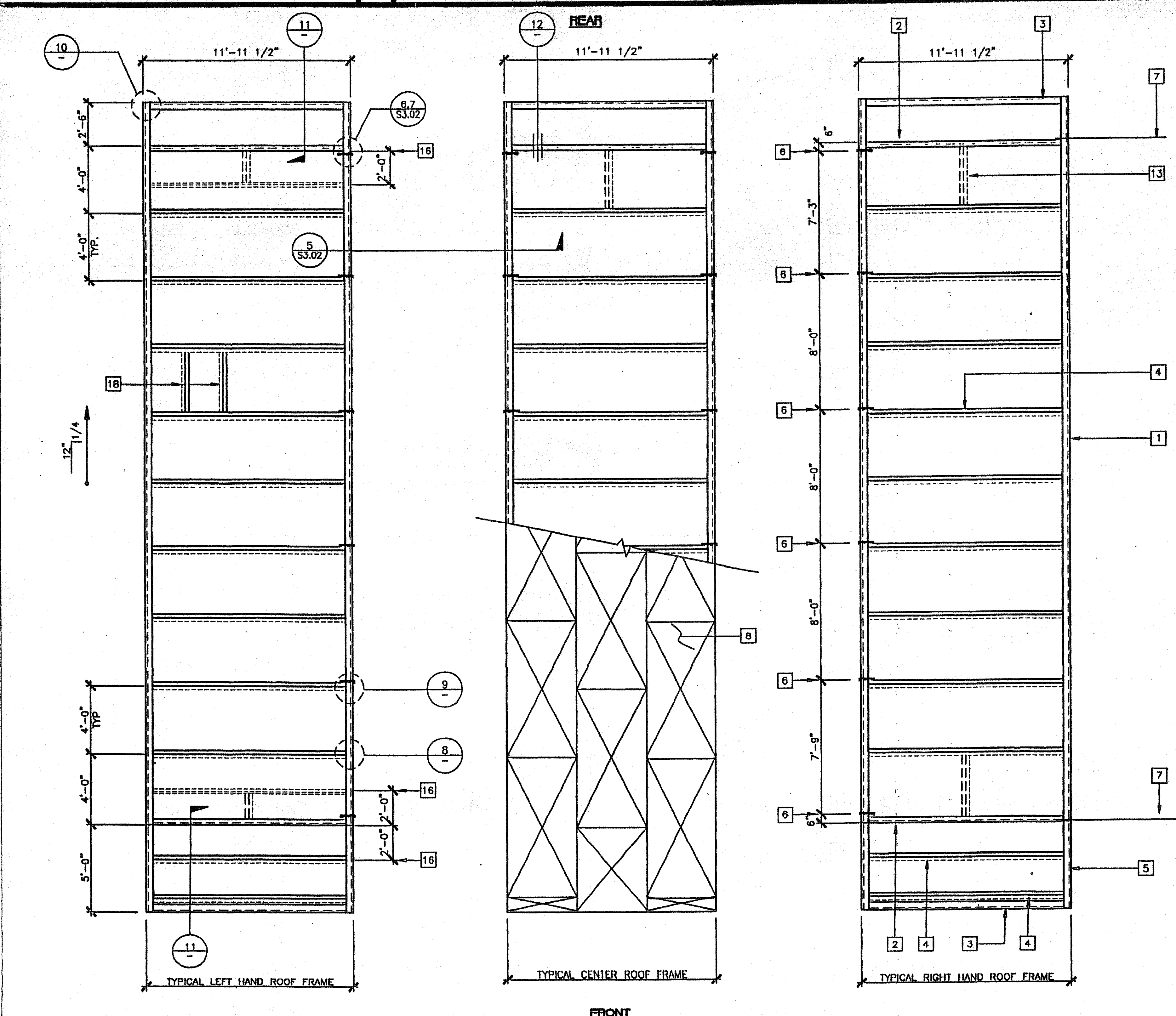
HVAC OPENING IN ROOF HEADER 13

HVAC OPENING IN ROOF HEADER 12

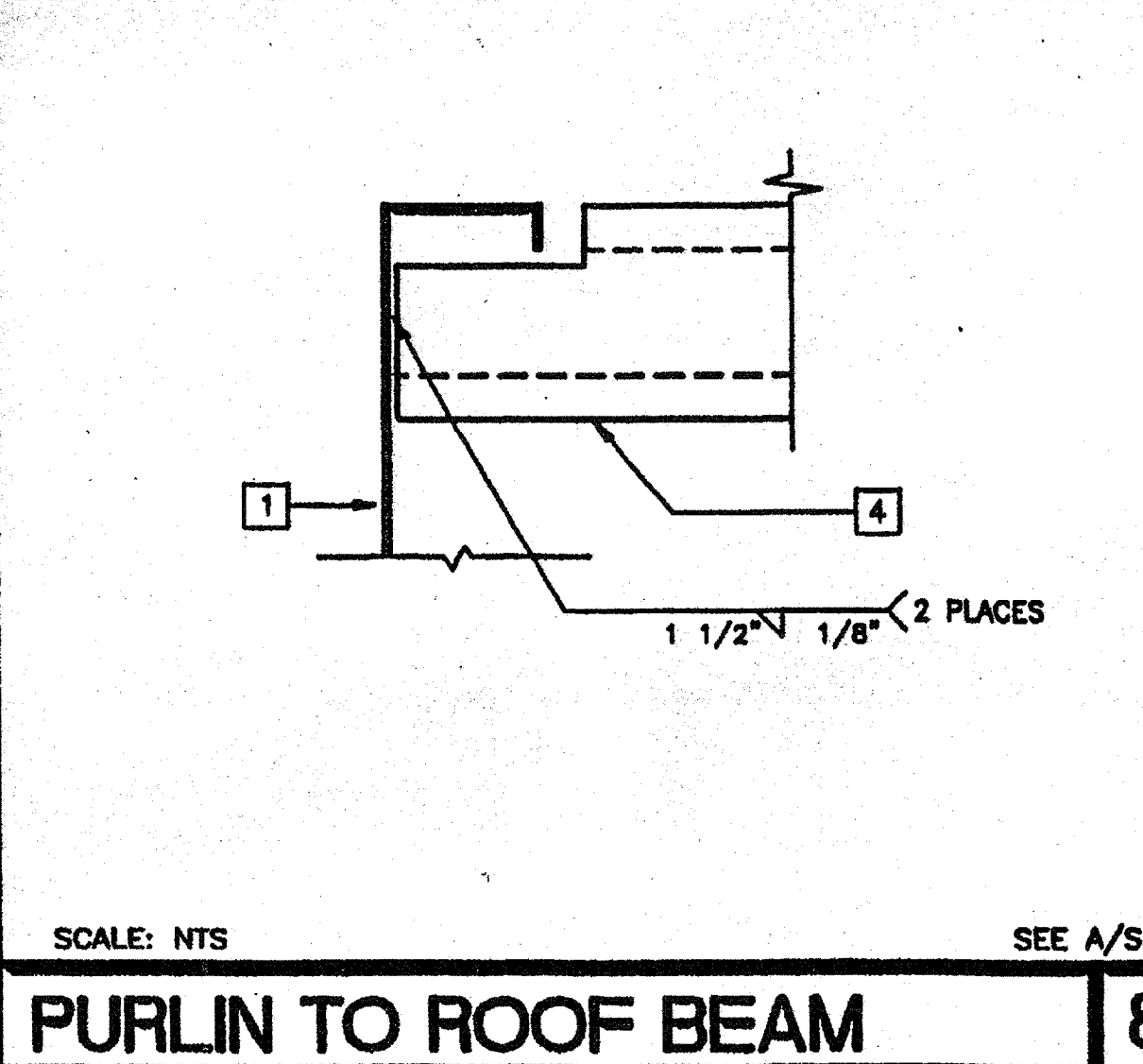
OVERHANGS 11

STIFFENER PLATE AT BEAM SPLICE 7

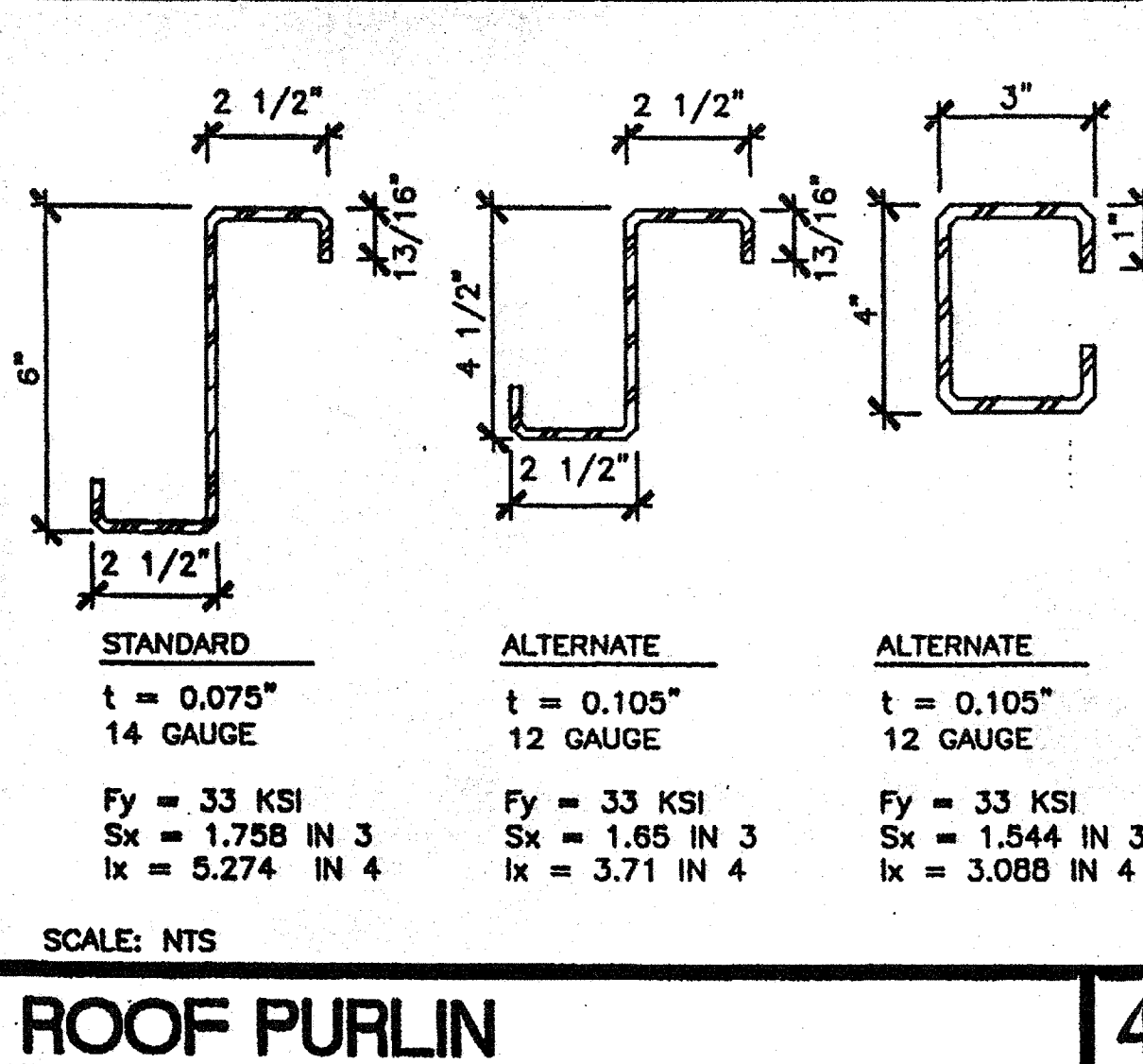
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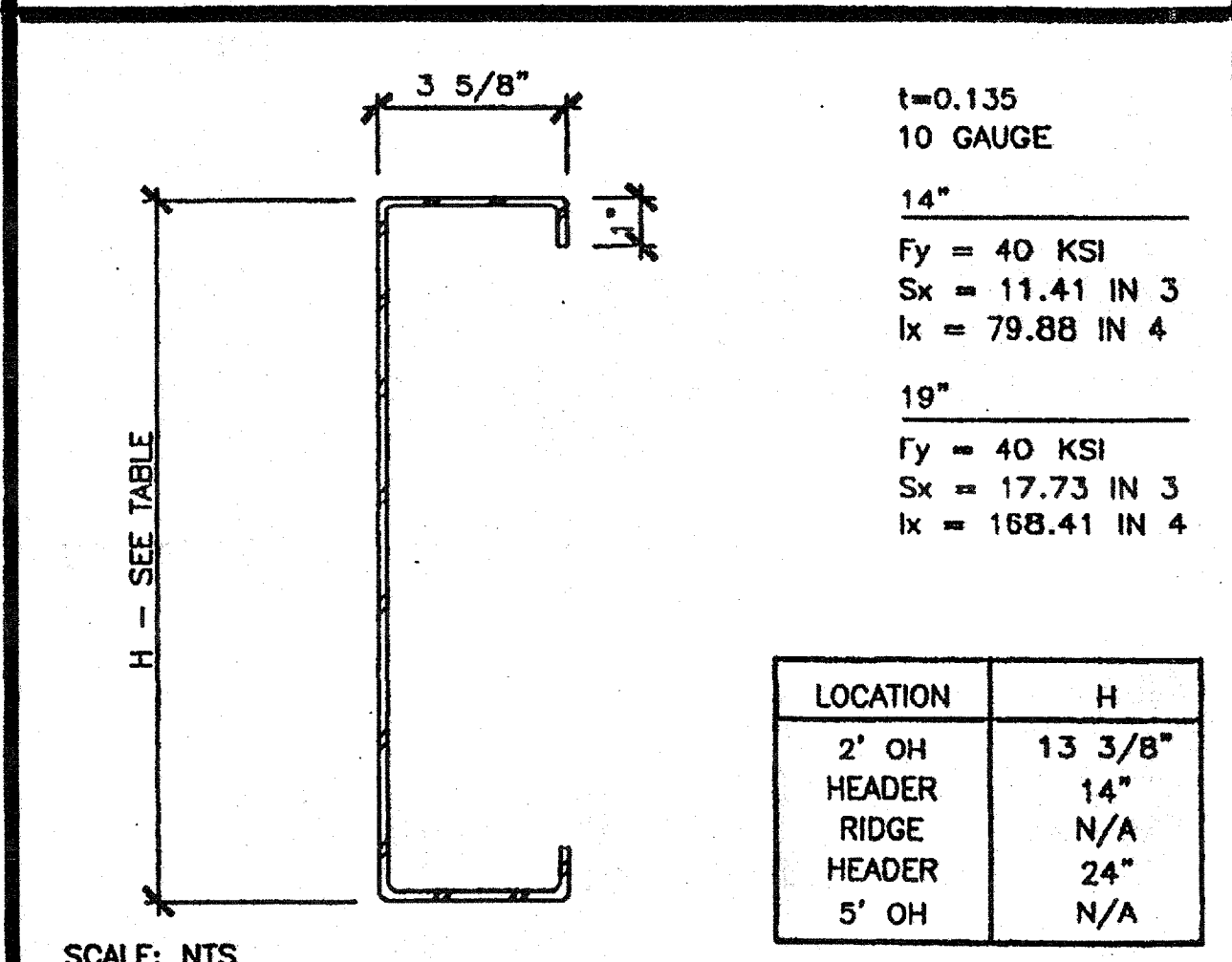
ROOF FRAMING PLAN 26 GA MONO PITCH SCALE: 1/4" = 1'-0"



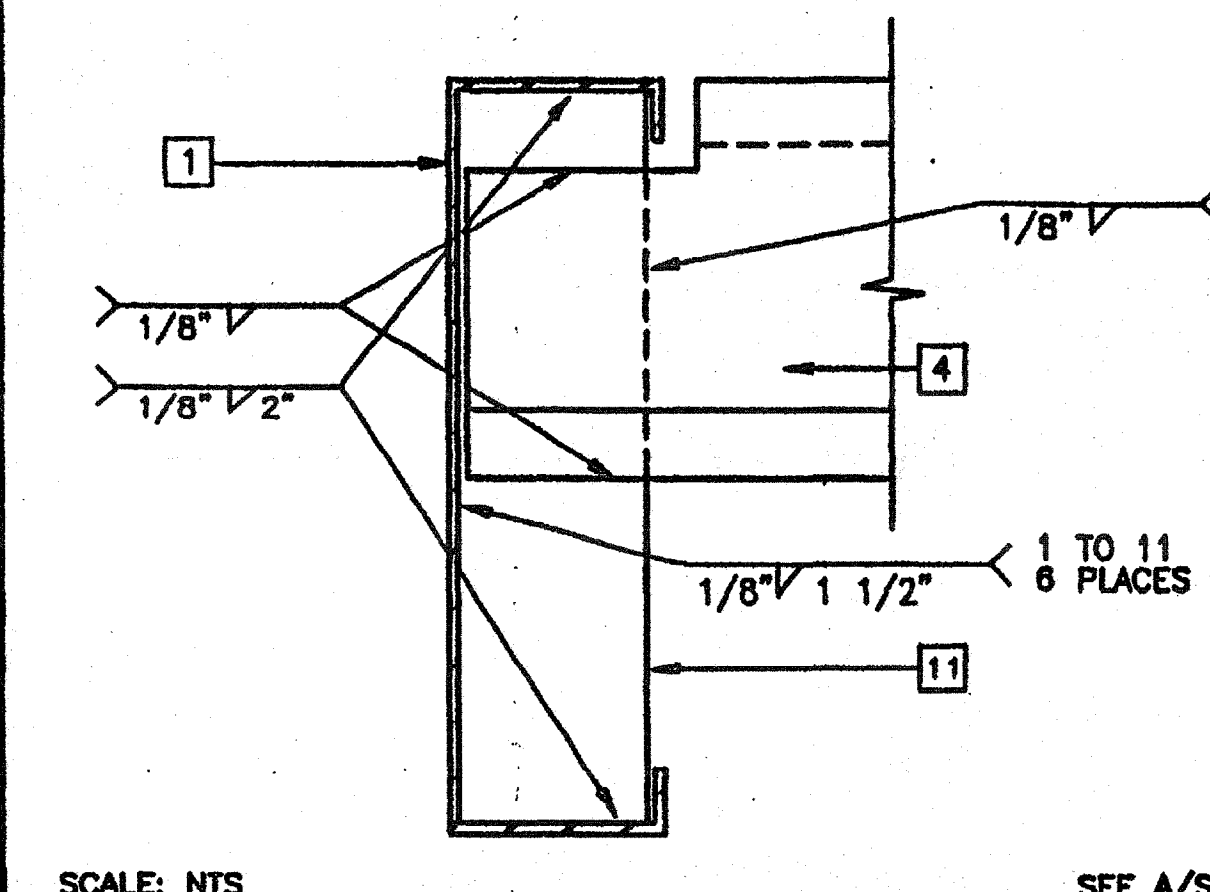
PURLIN TO ROOF BEAM 8



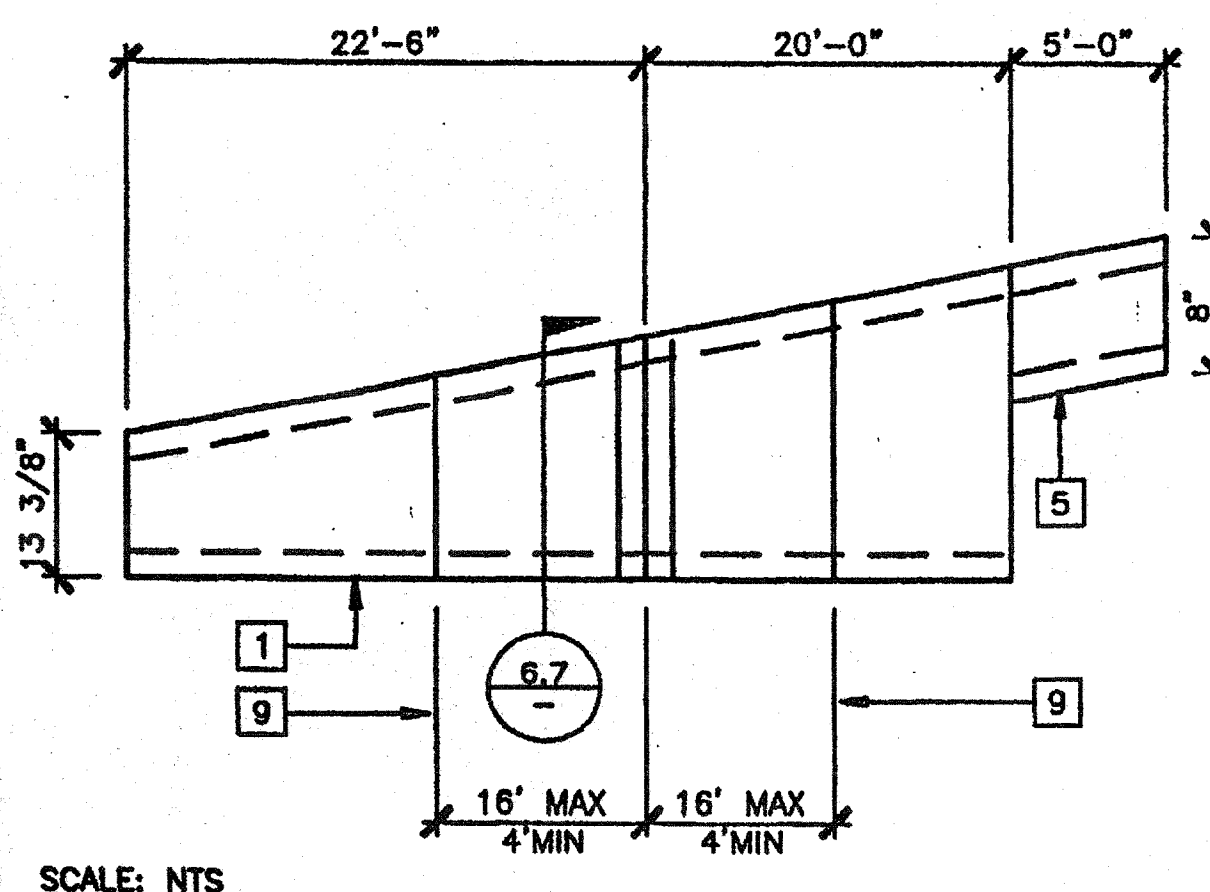
ROOF PURLIN 4



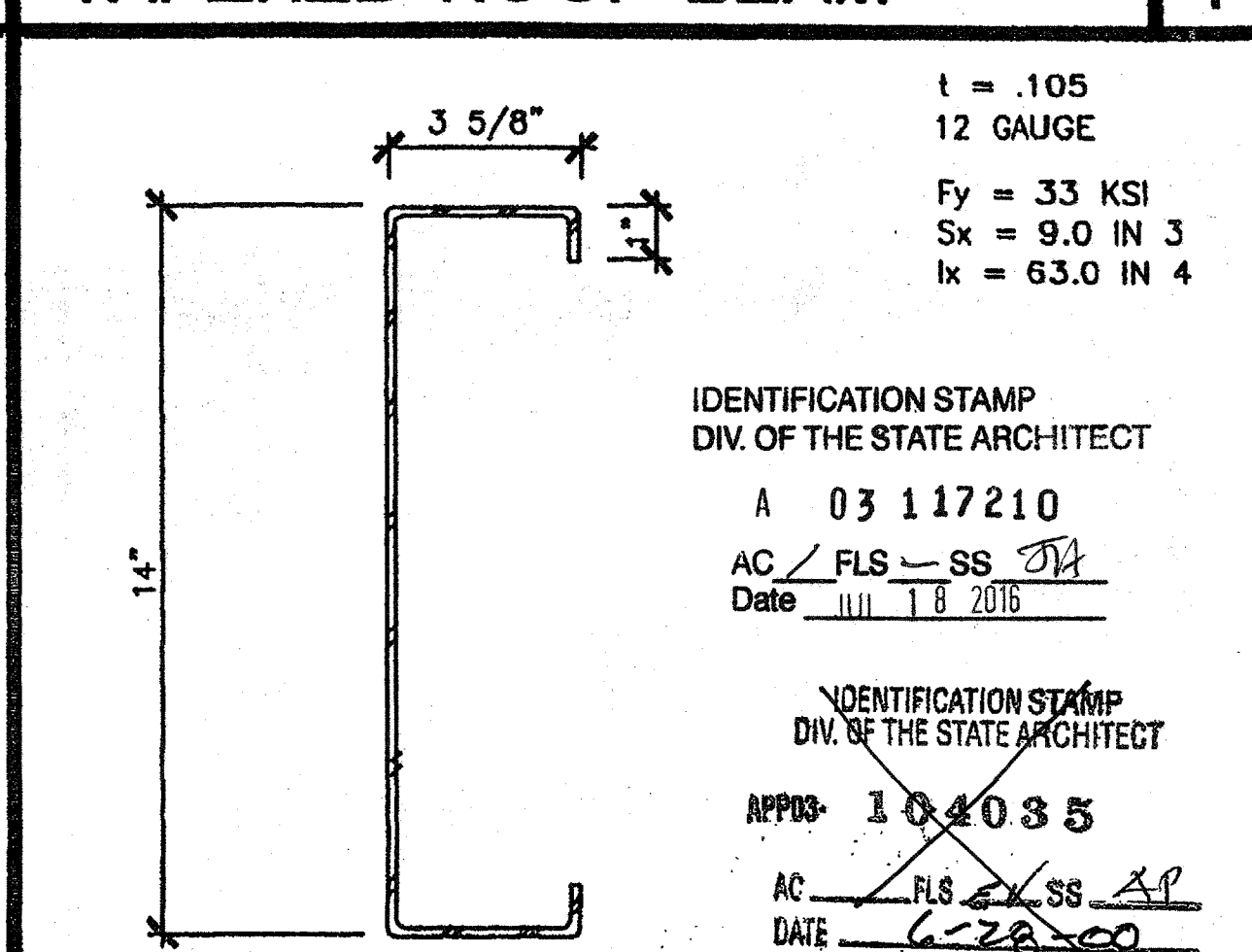
TAPERED ROOF BEAM 1



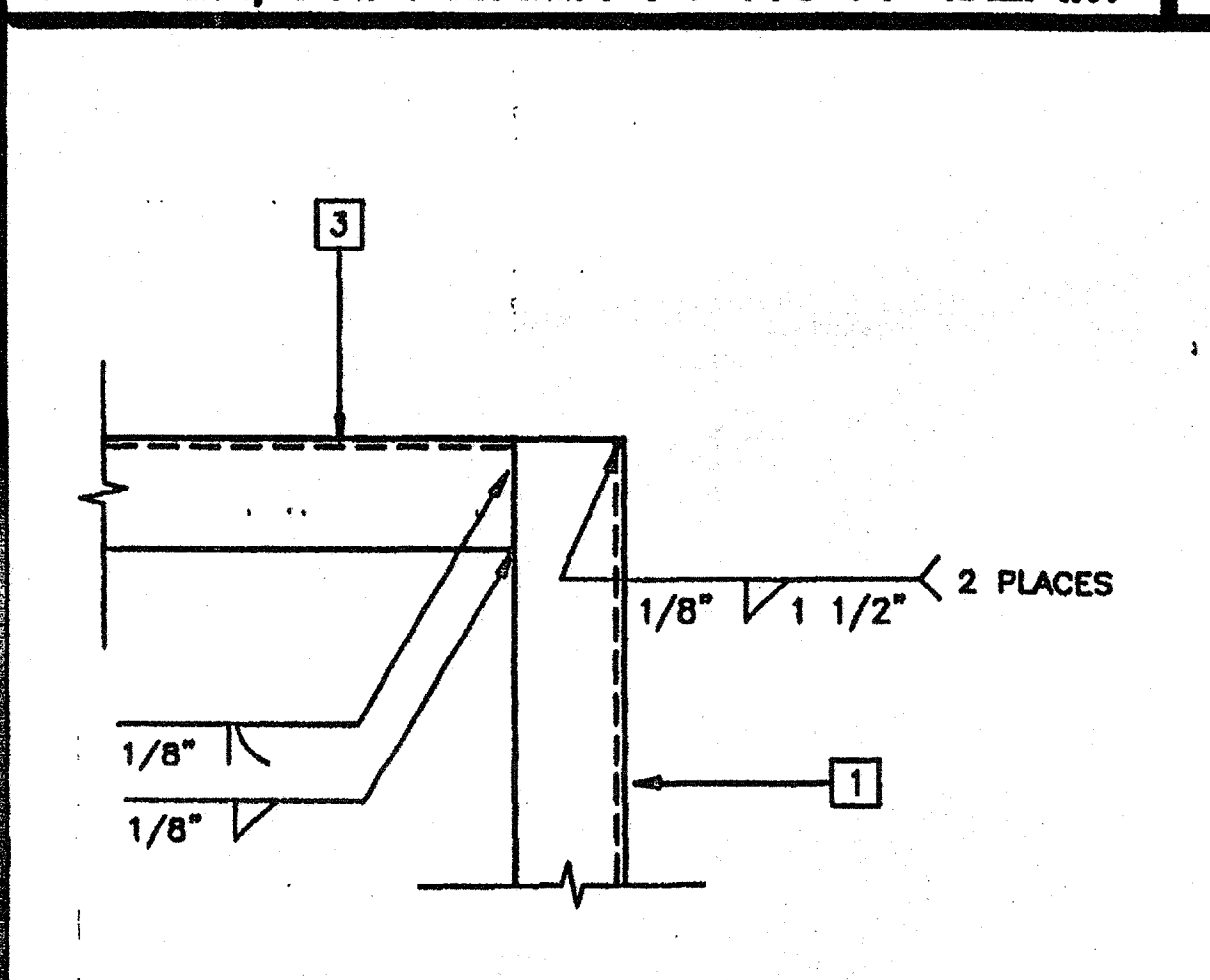
PURLIN/STIFFENER TO ROOF BEAM 9



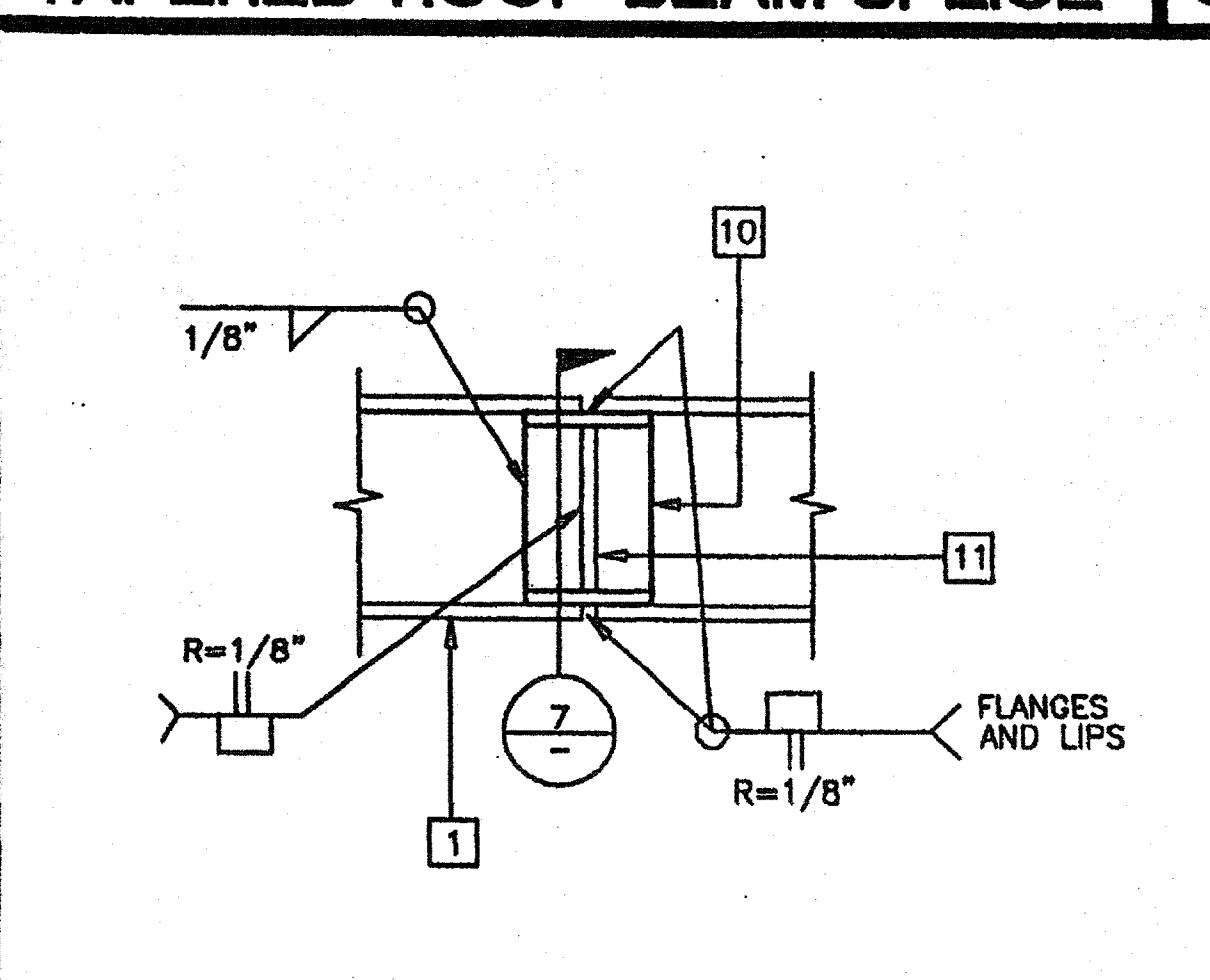
TAPERED ROOF BEAM SPLICE 5



ROOF HEADER 2



PURLIN TO ROOF BEAM 10



BEAM SPLICE 6

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal

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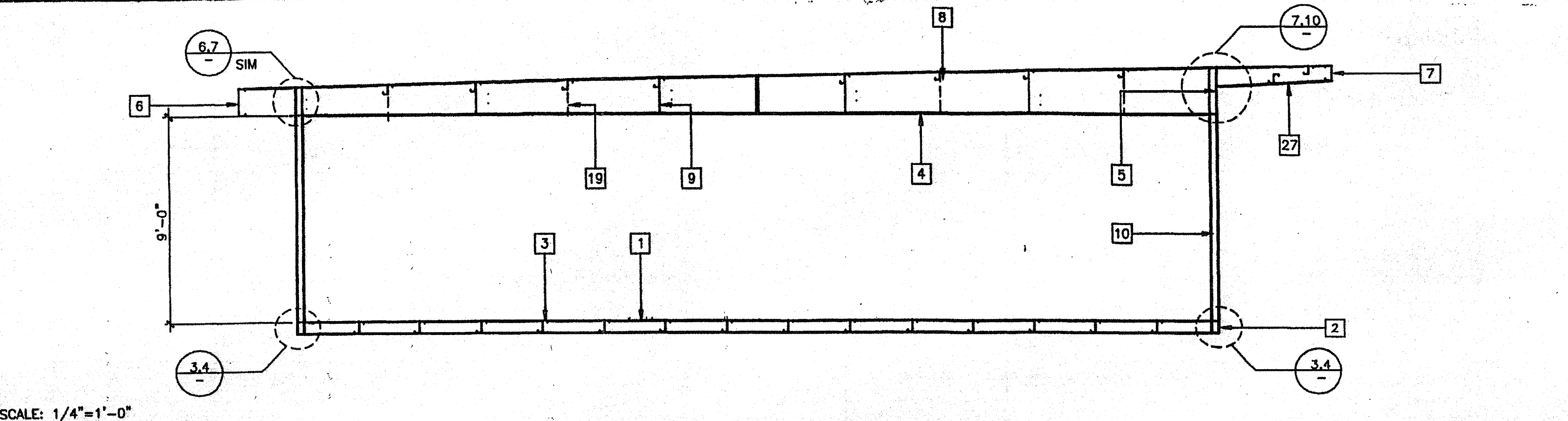
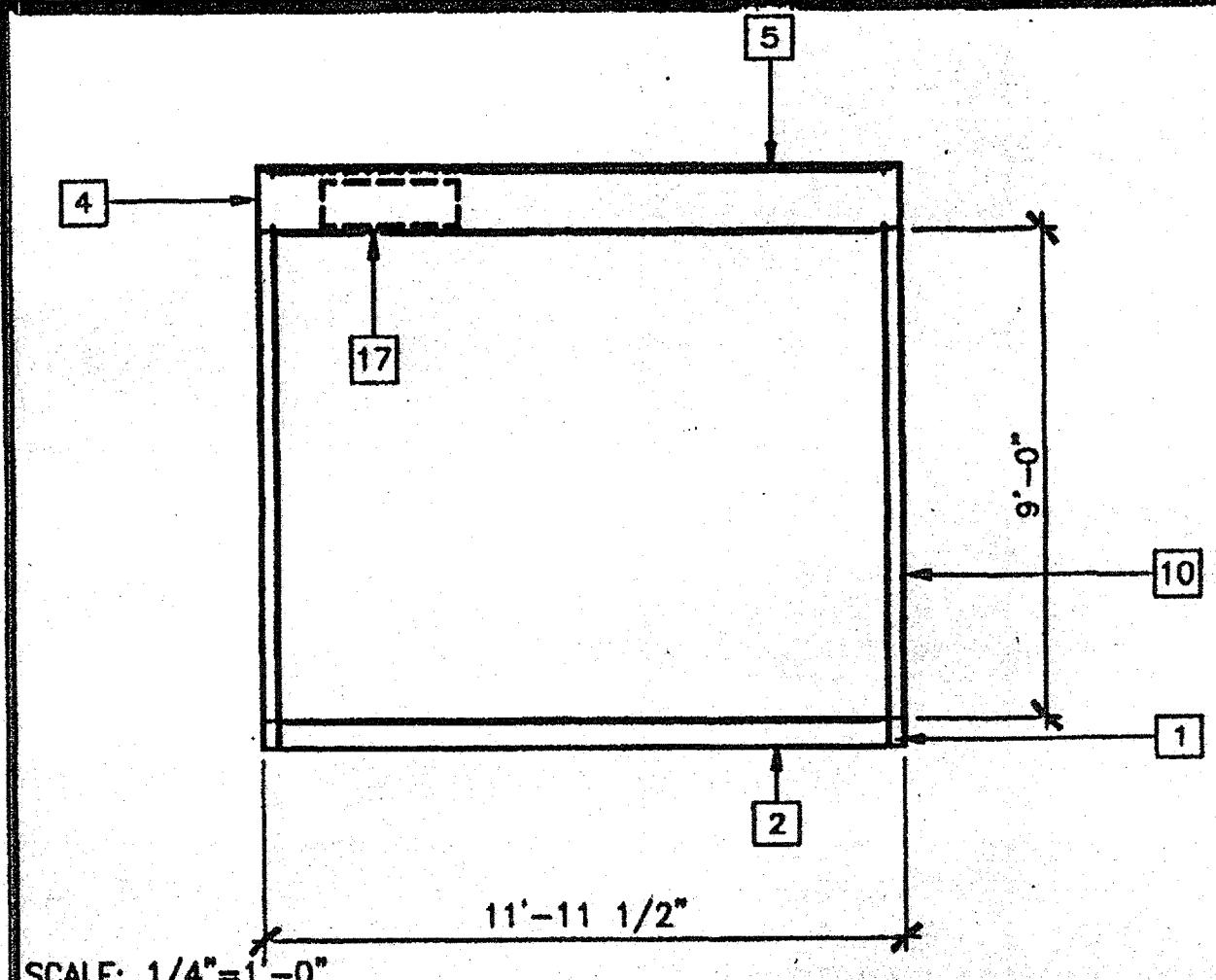
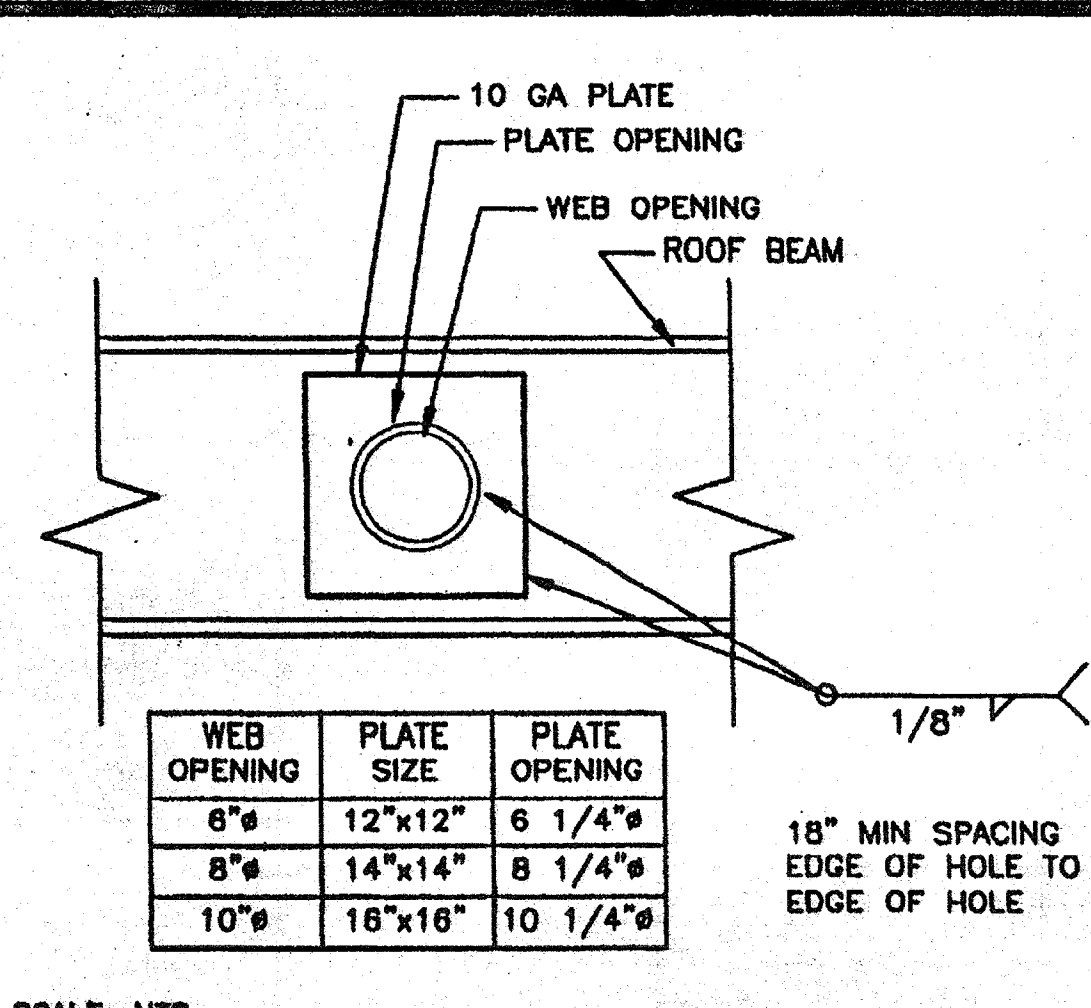
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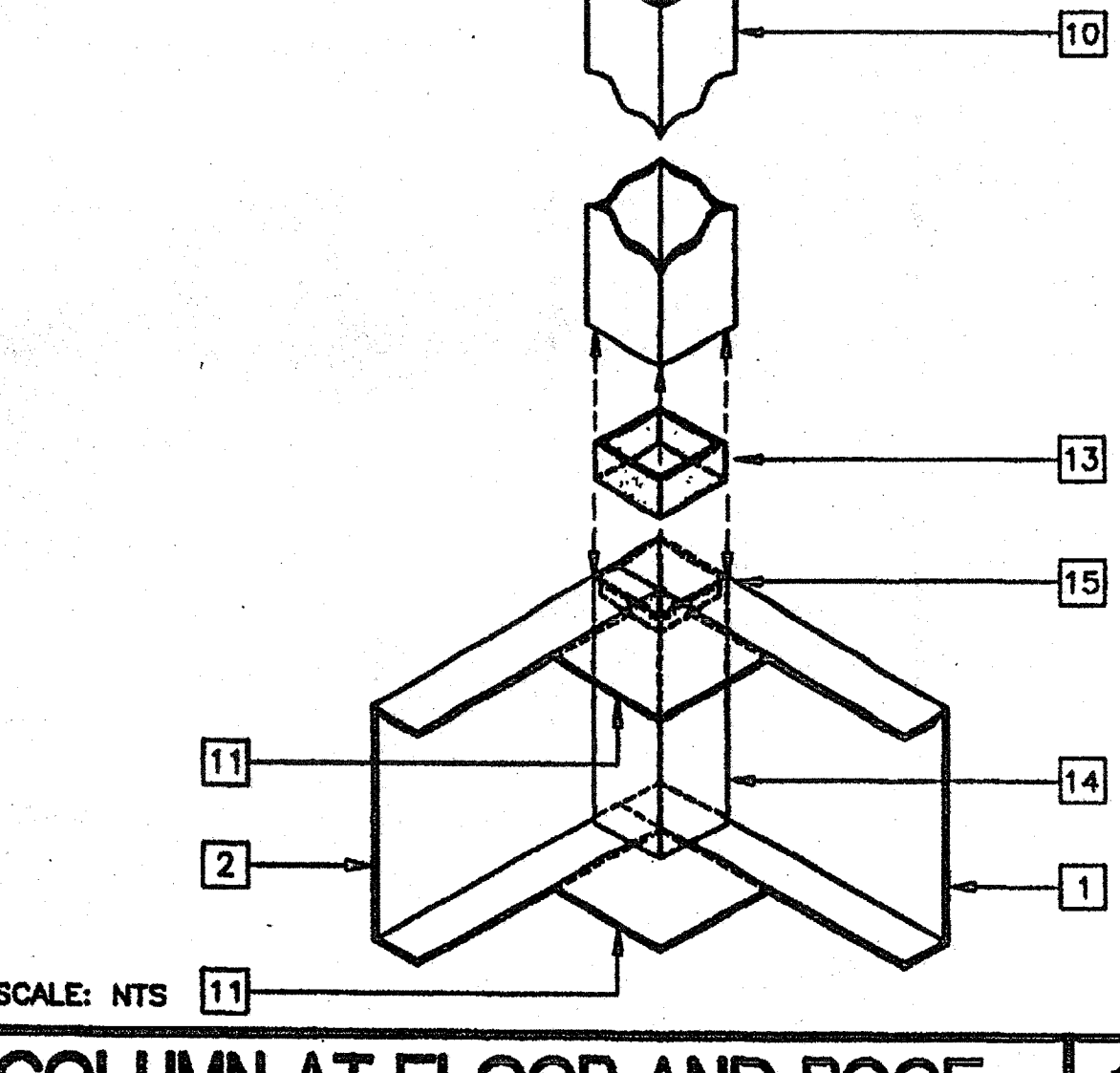
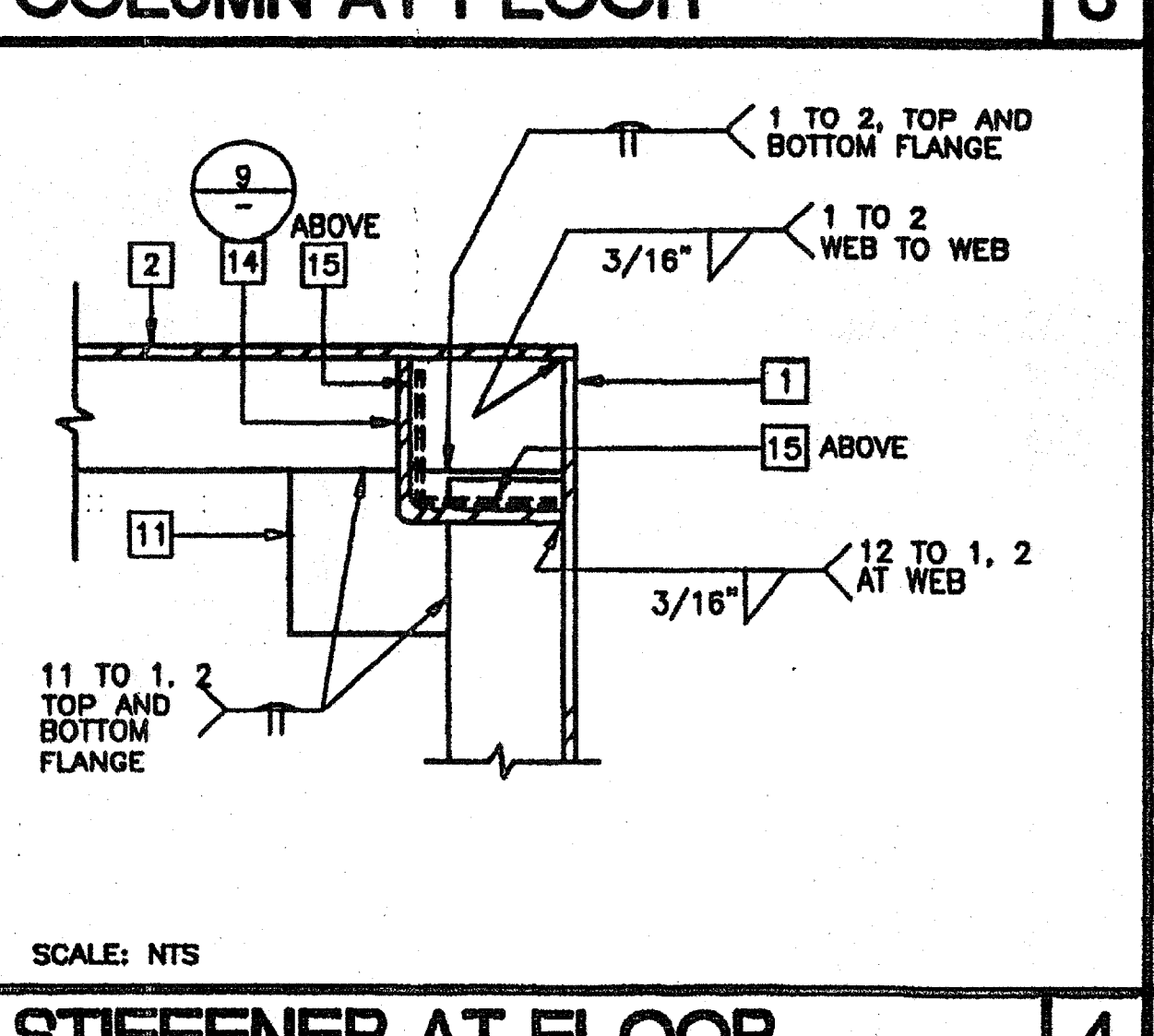
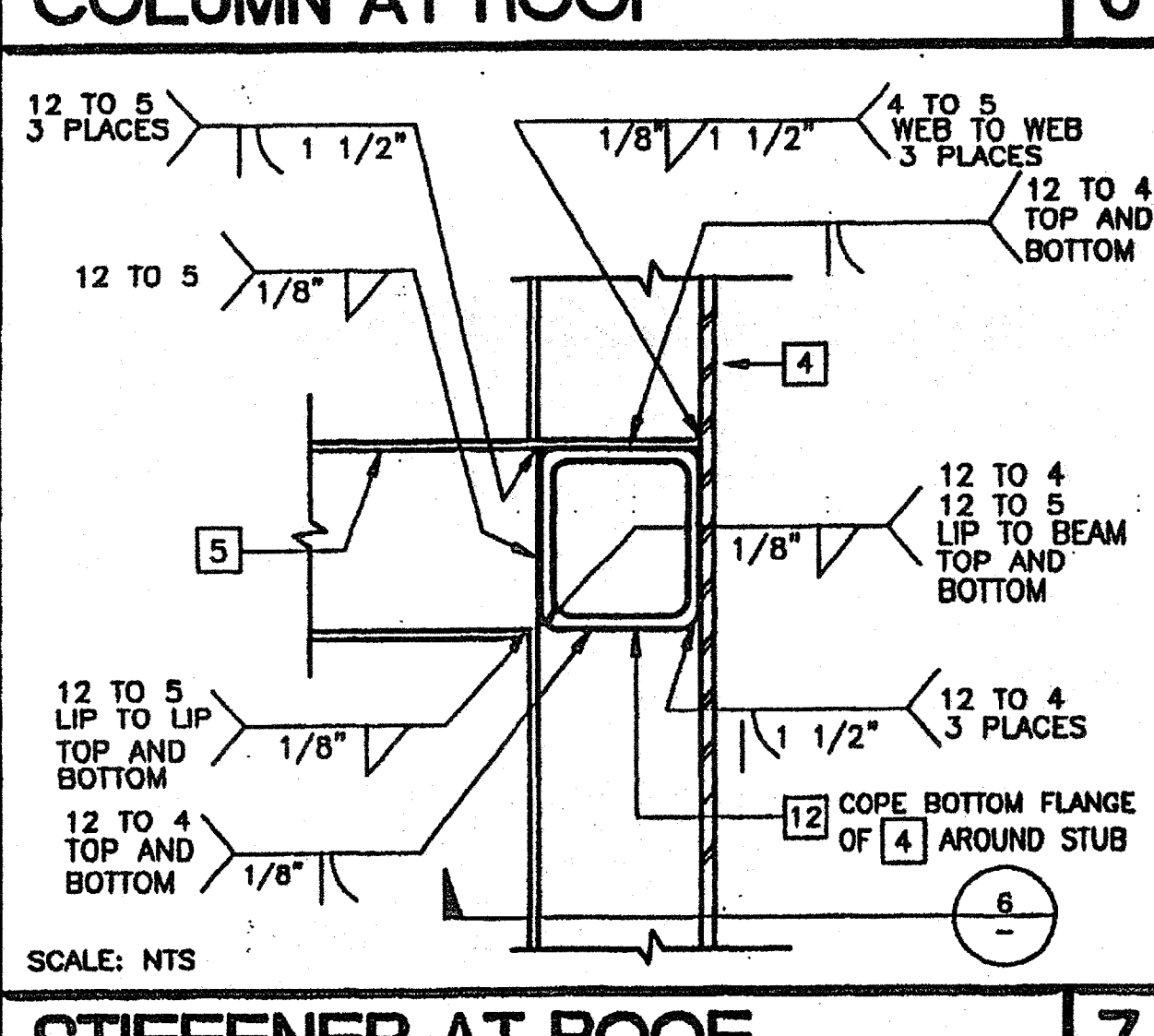
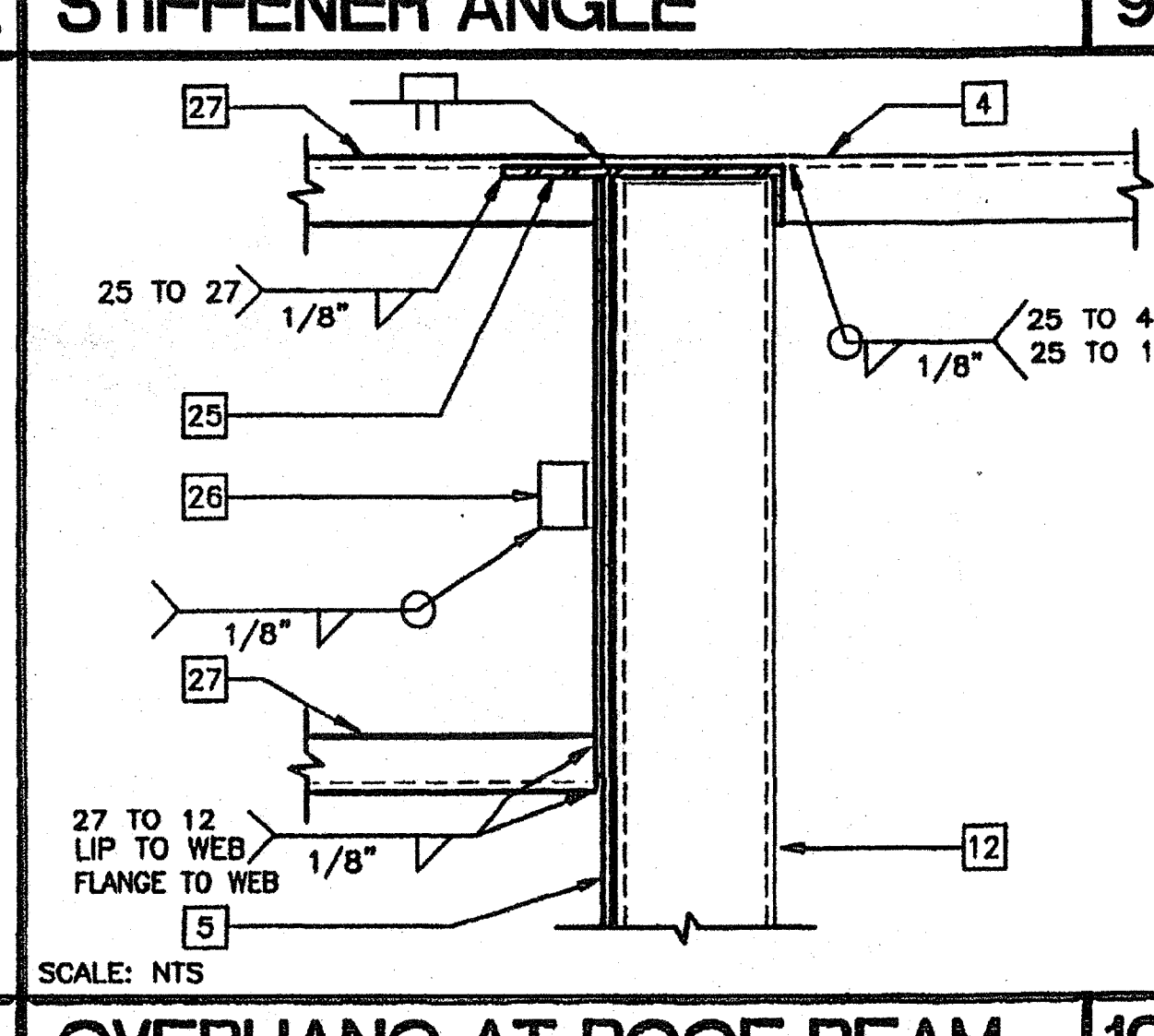
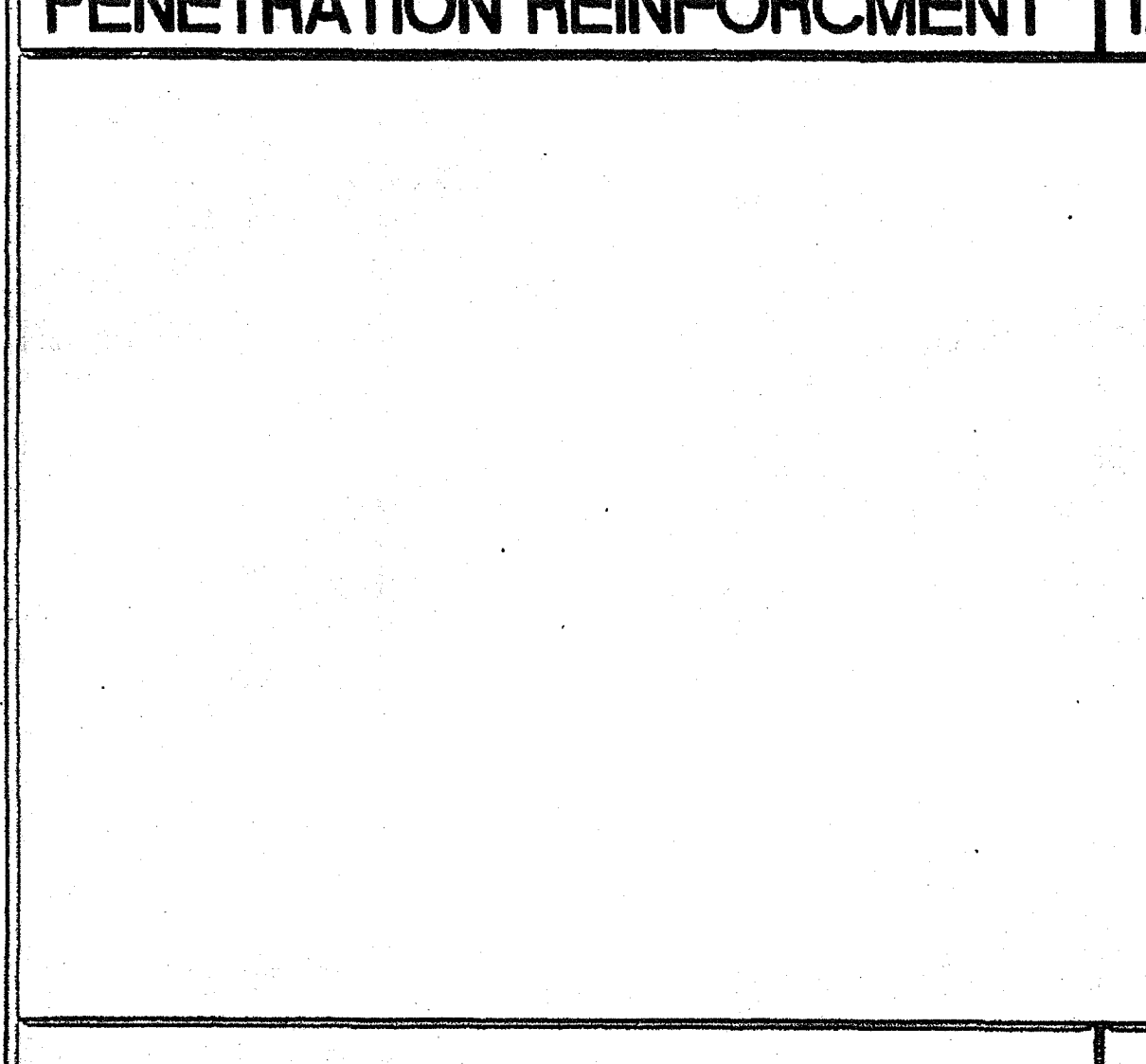
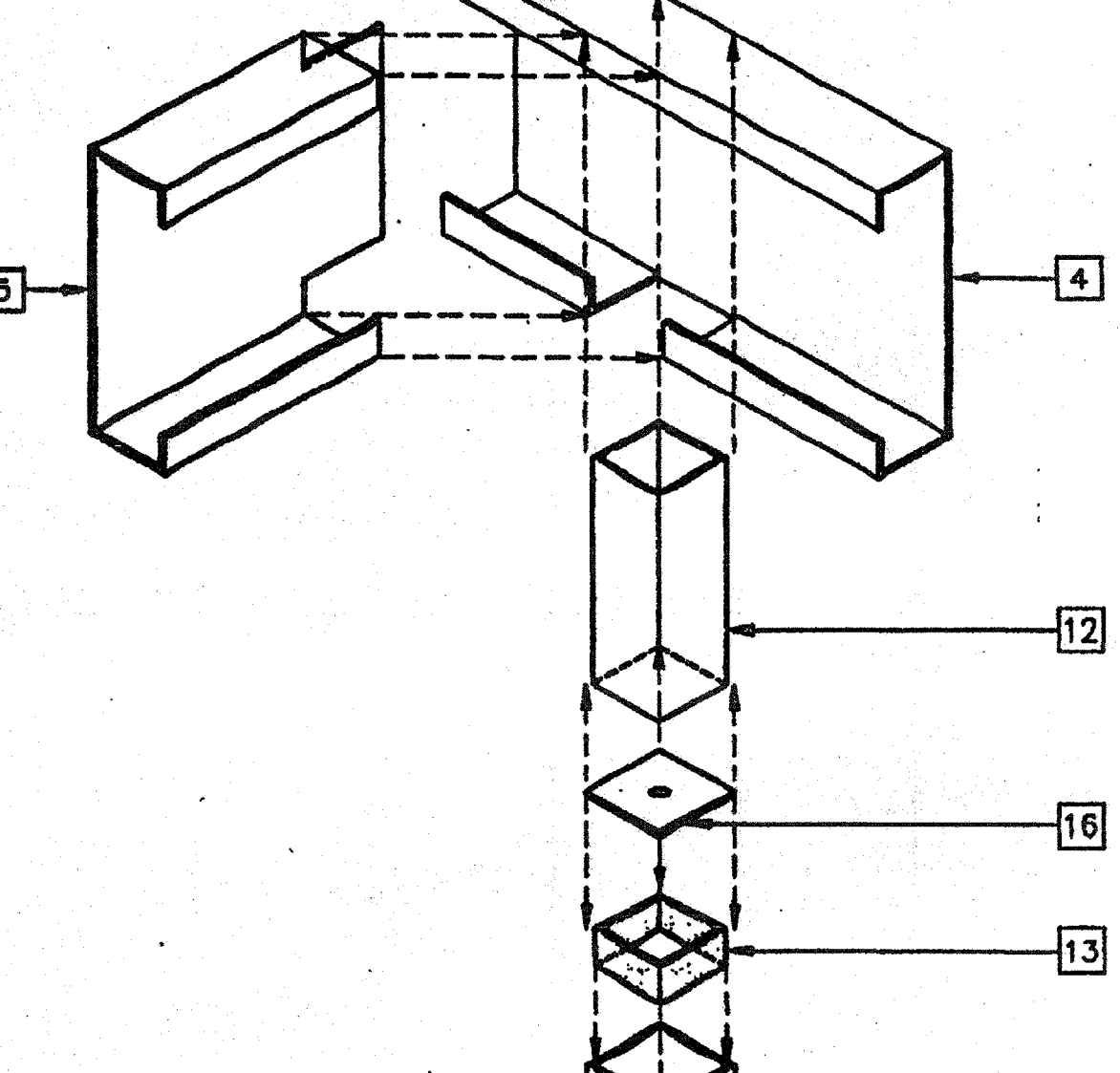
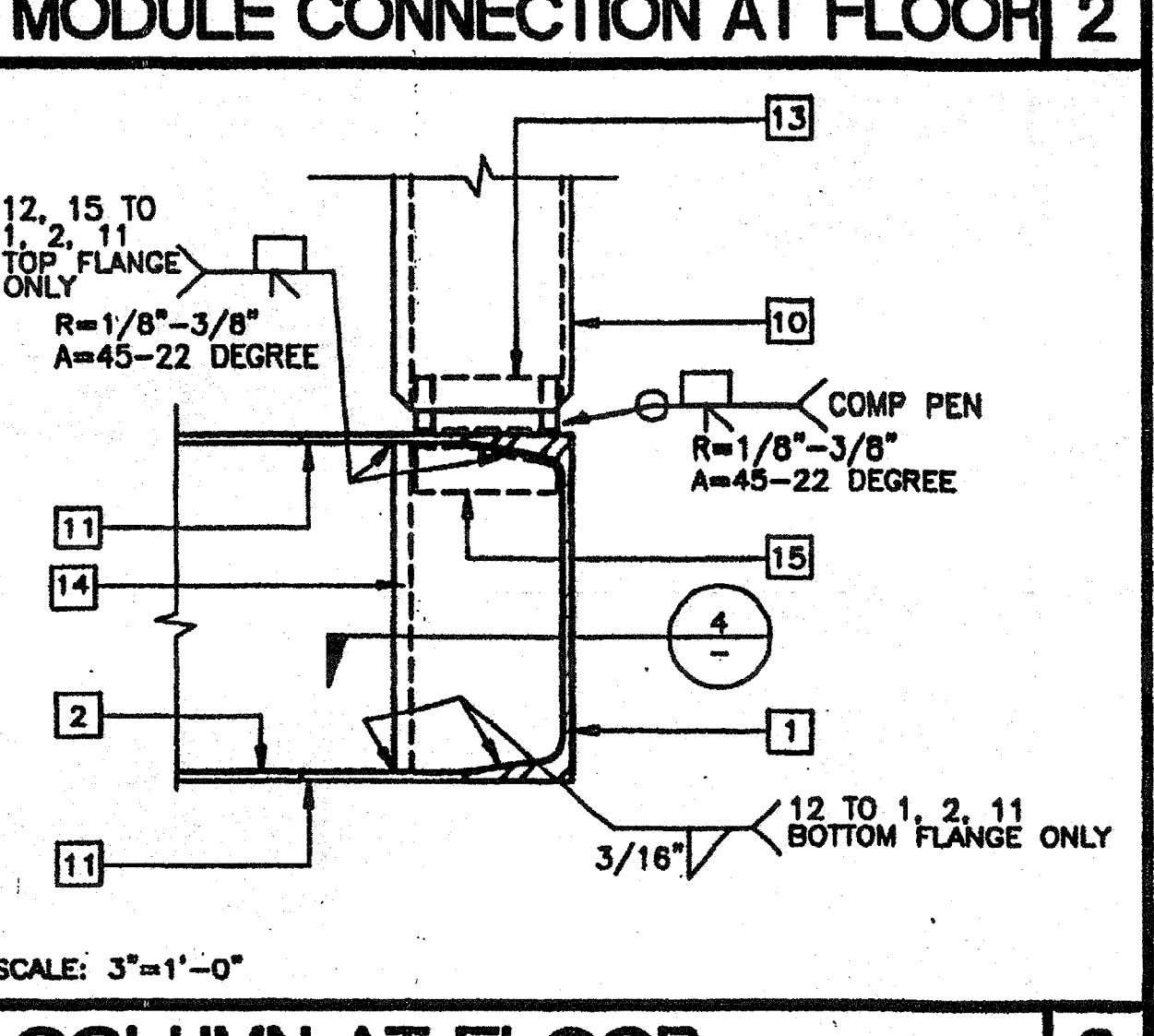
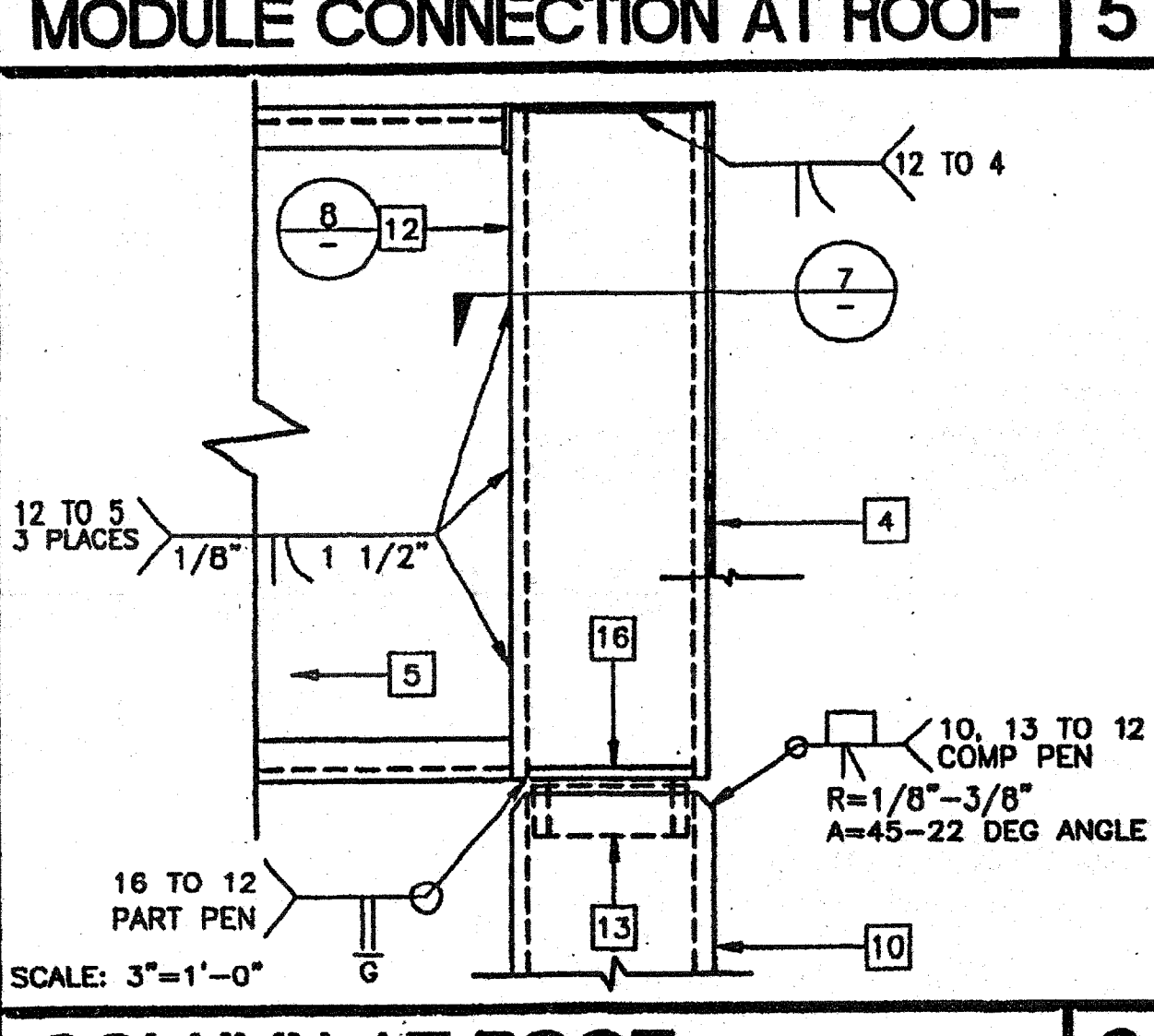
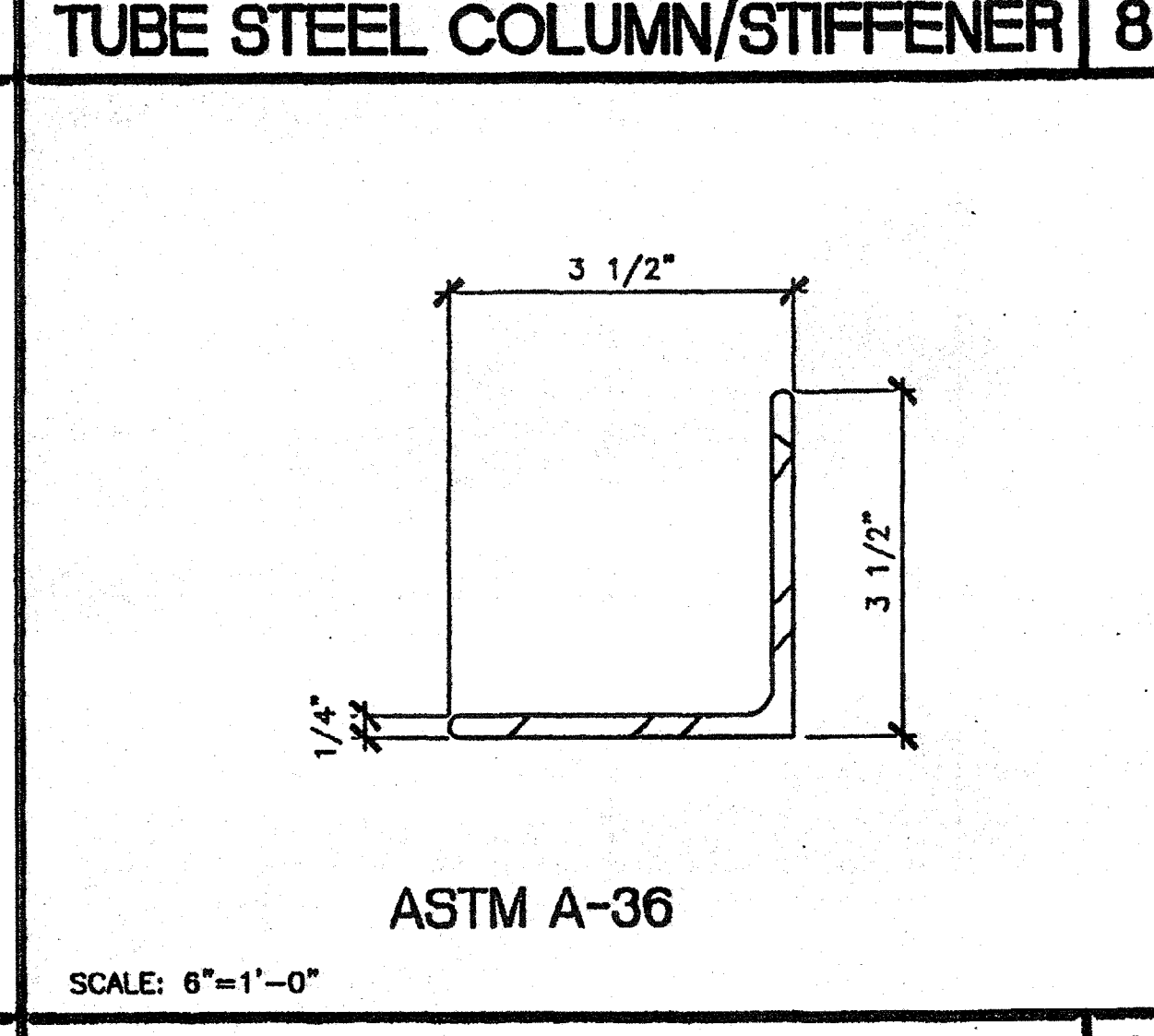
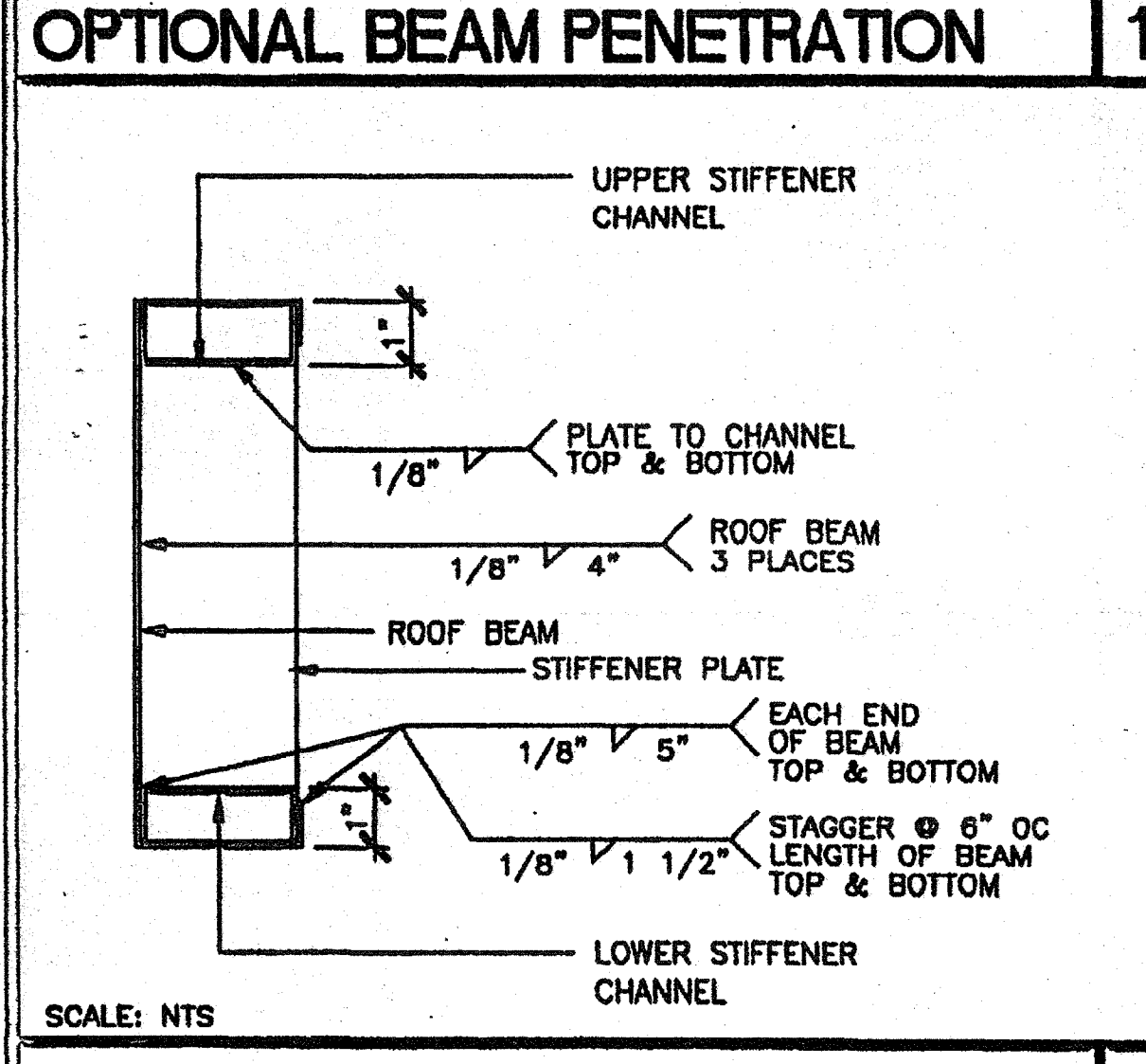
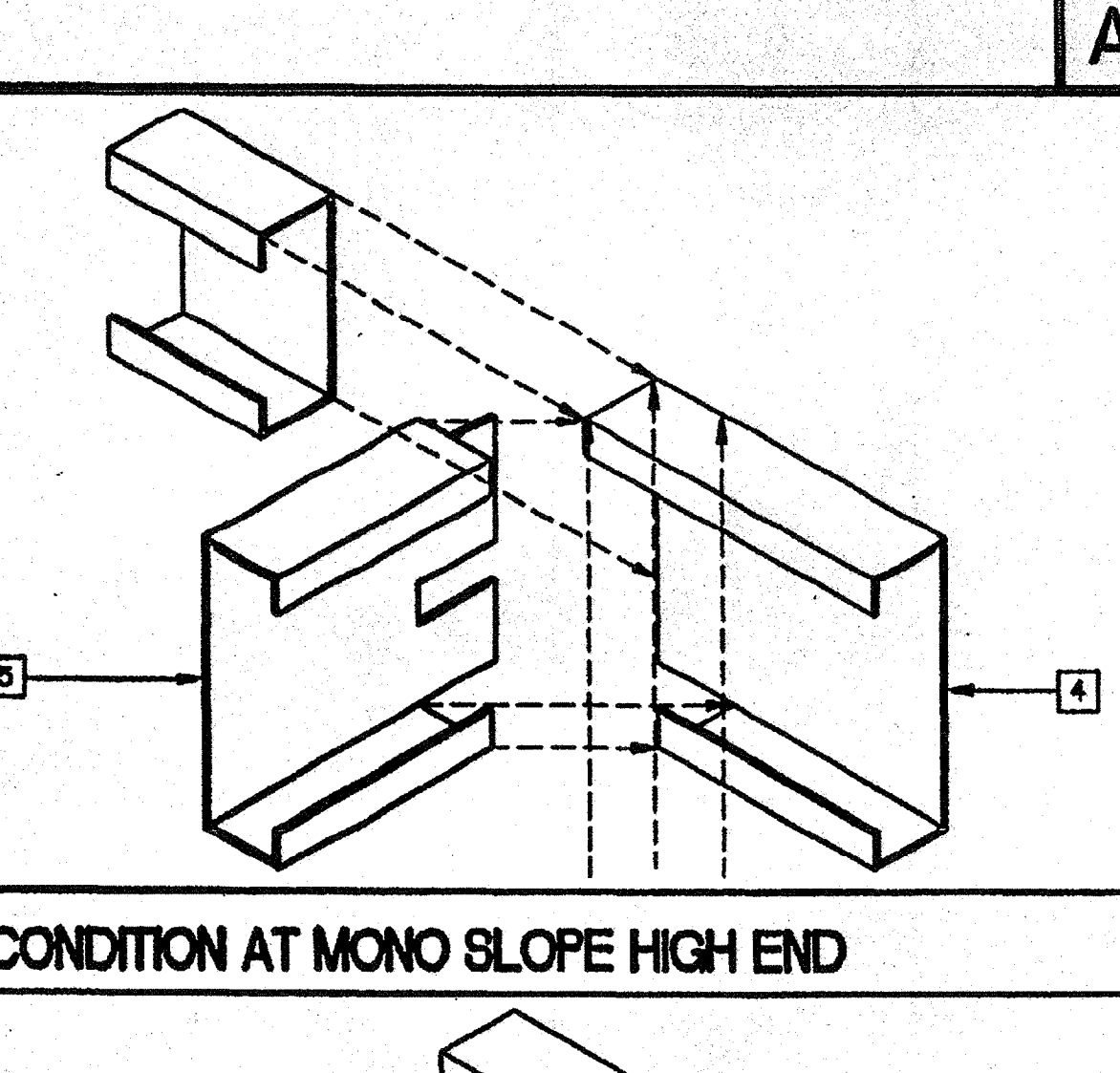
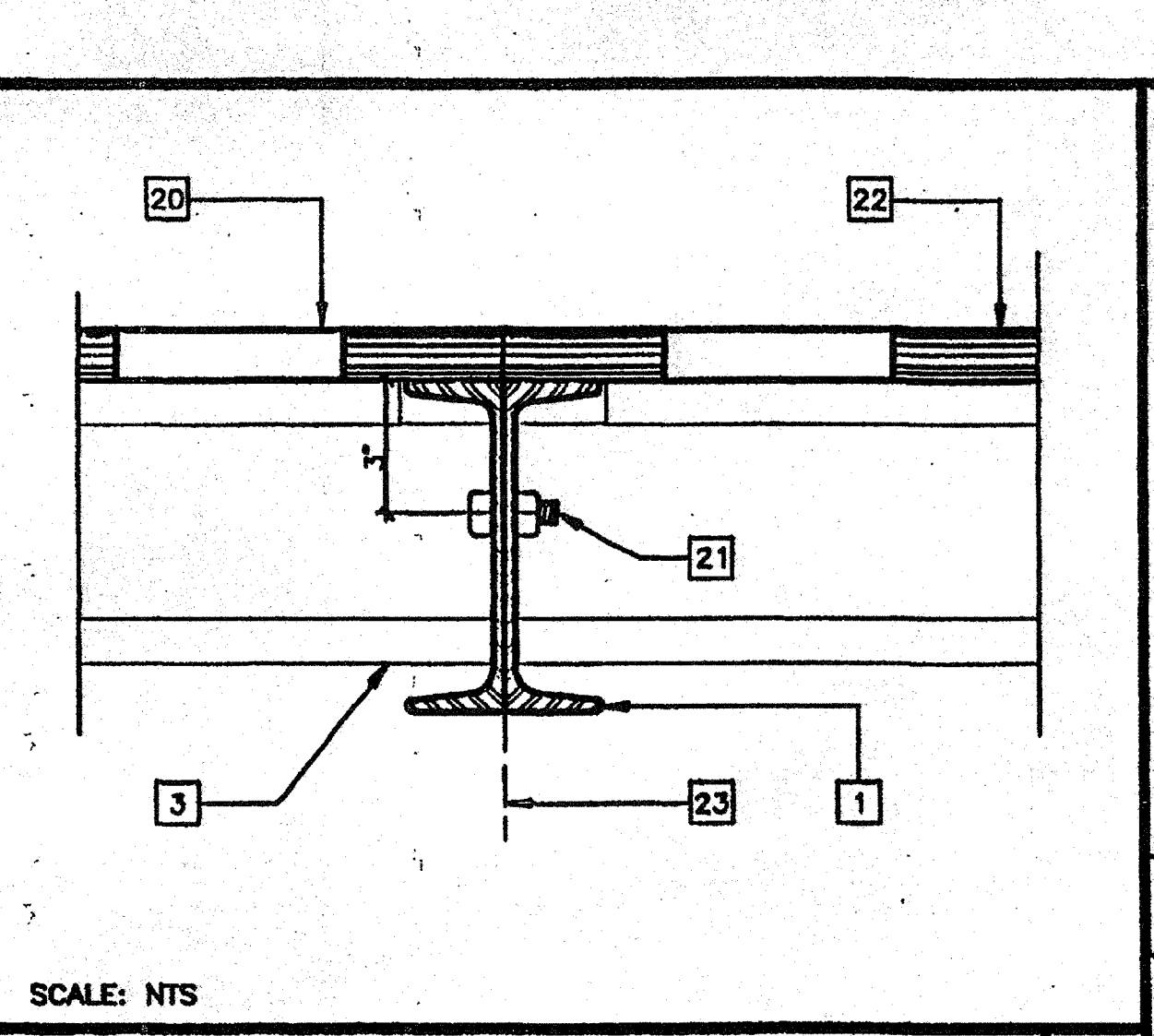
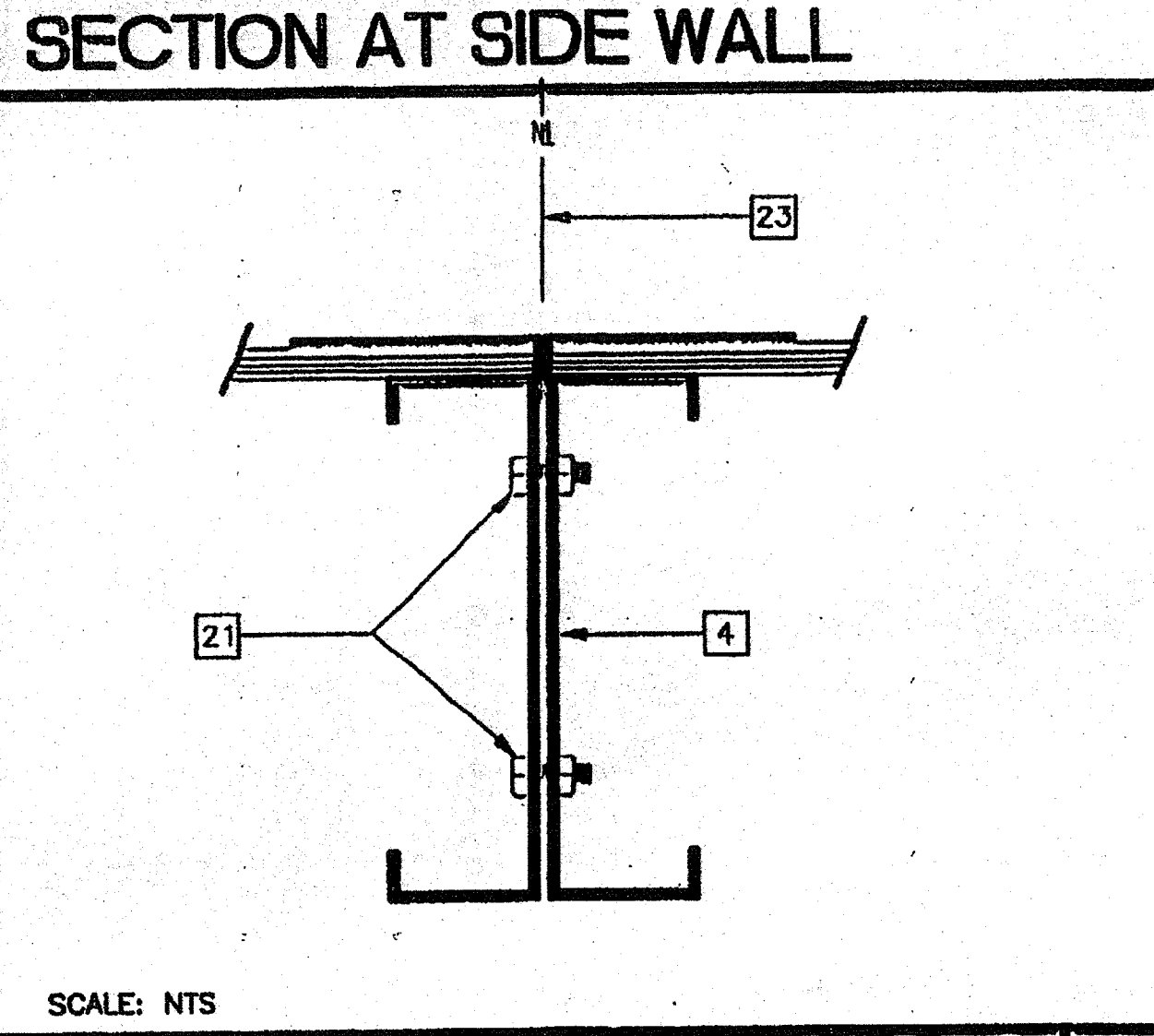
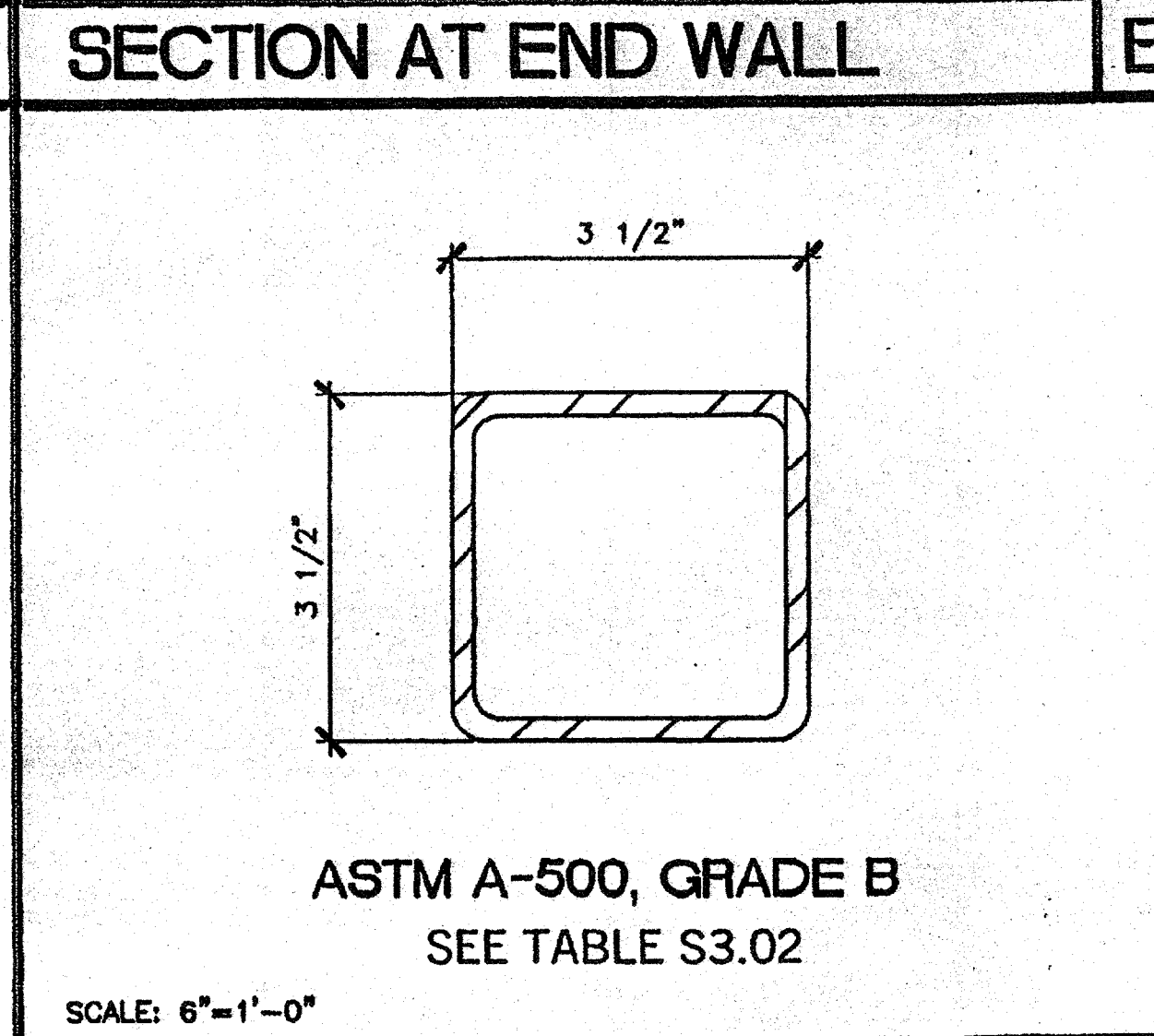
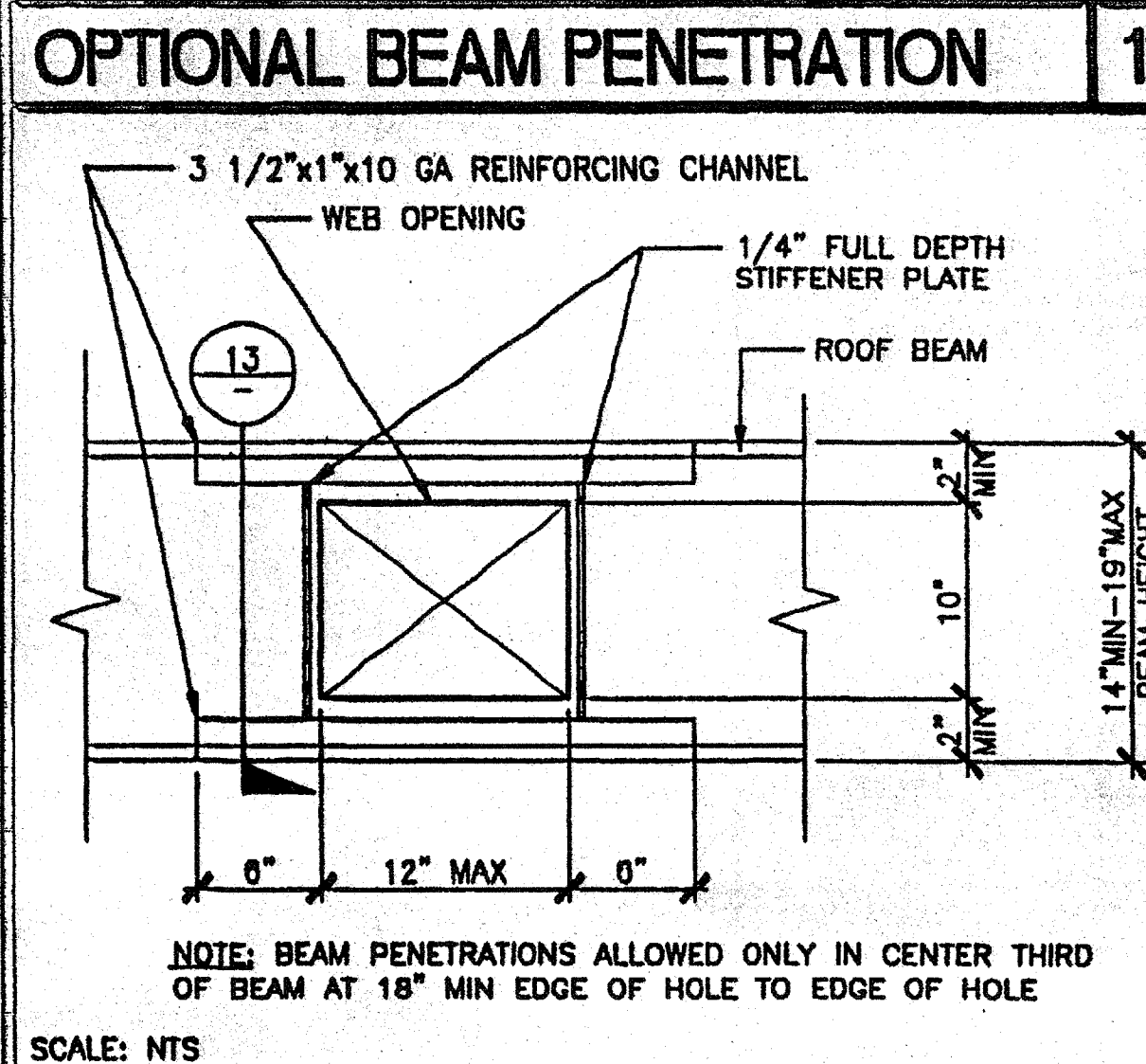
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ROOF FRAMING PLAN 26 GA MONO PITCH S2.02

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- ### KEY NOTES
- FLOOR BEAM - 1/S1
 - FLOOR HEADER - 1/S1
 - FLOOR JOIST - 2/S1
 - TAPERED ROOF BEAM - 1/S2.02
 - ROOF HEADER - 2/S2.02
 - ROOF FASCIA AT 2'-6" OVERHANG - 3/S2.02
 - ROOF FASCIA AT 5'-0" OVERHANG - 3/S2.02
 - ROOF PURLIN - 4/S2.02
 - 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 9/S2.02
 - TUBE STEEL COLUMN, SEE TABLE BELOW - 8/S3.02
 - 3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE - 3/S1
 - 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
 - (1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
 - 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
 - BACK-UP PLATE - 10 GA MIN
 - 1/4" BASE PLATE - INSERT FLUSH WITH STIFFENER TUBE
 - HVAC DUCT OPENING - 12/S2.02
 - NOT USED
 - 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
 - HAND HOLE AT BOLT LOCATION
 - 5/8" MB A307 AT MODULE CONNECTION JOINT - SEE FLOOR/ROOF FRAMING PLANS
 - FLOOR SHEATHING
 - MODULE JOINT
 - NOT USED
 - 3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
 - STEEL ANGLE WELD TAB
 - 8"x3 1/2"x14 GA OVERHANG BEAM - 3/S2.02



COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
70 MPH	3 1/2"x3 1/2"x1/4"

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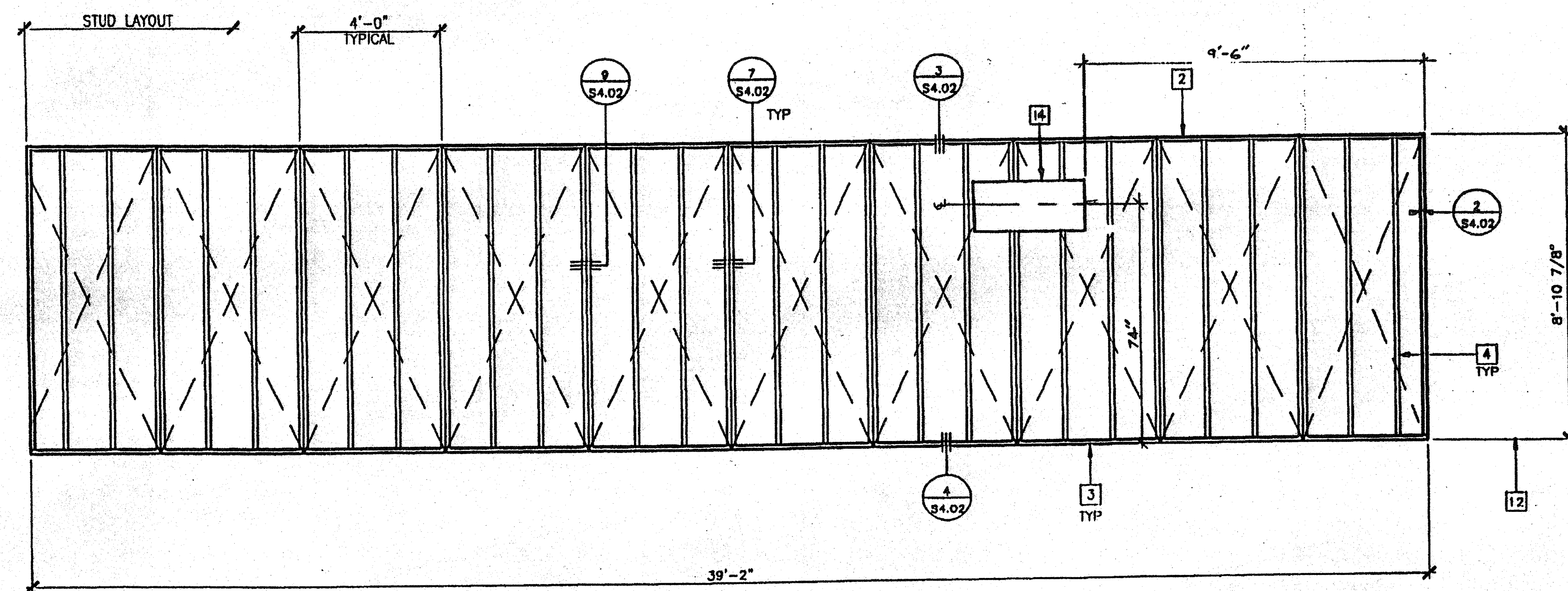
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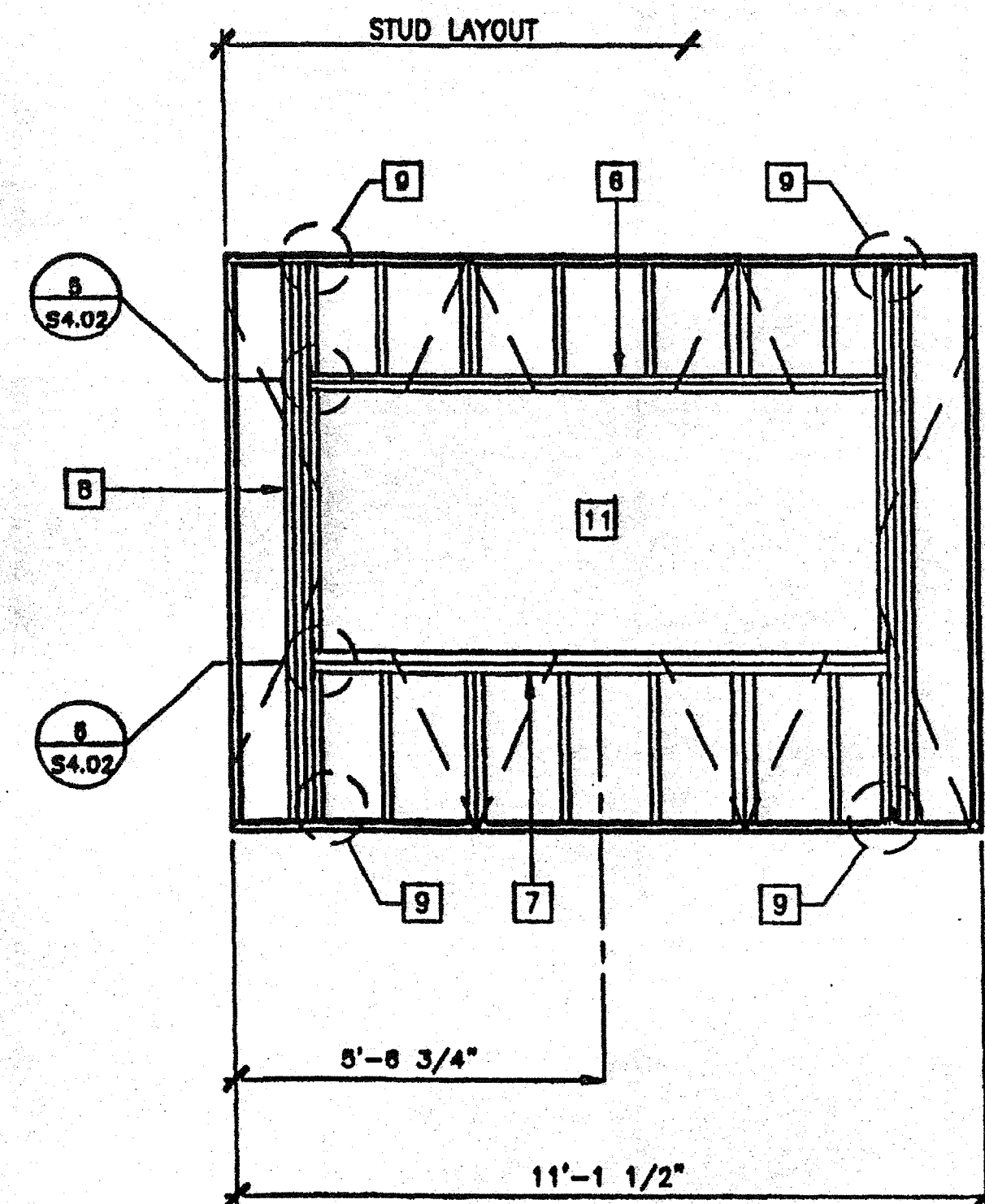
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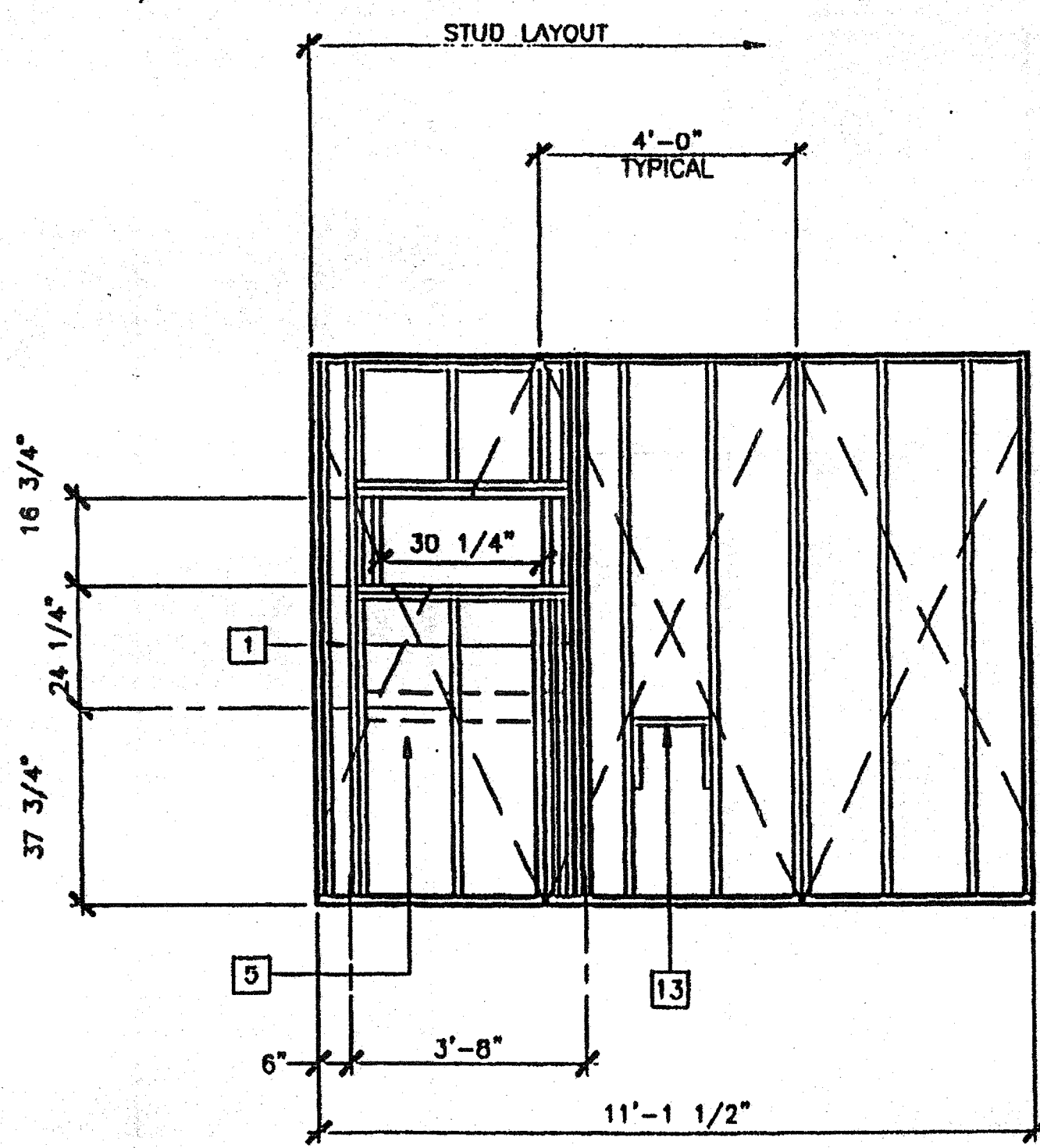
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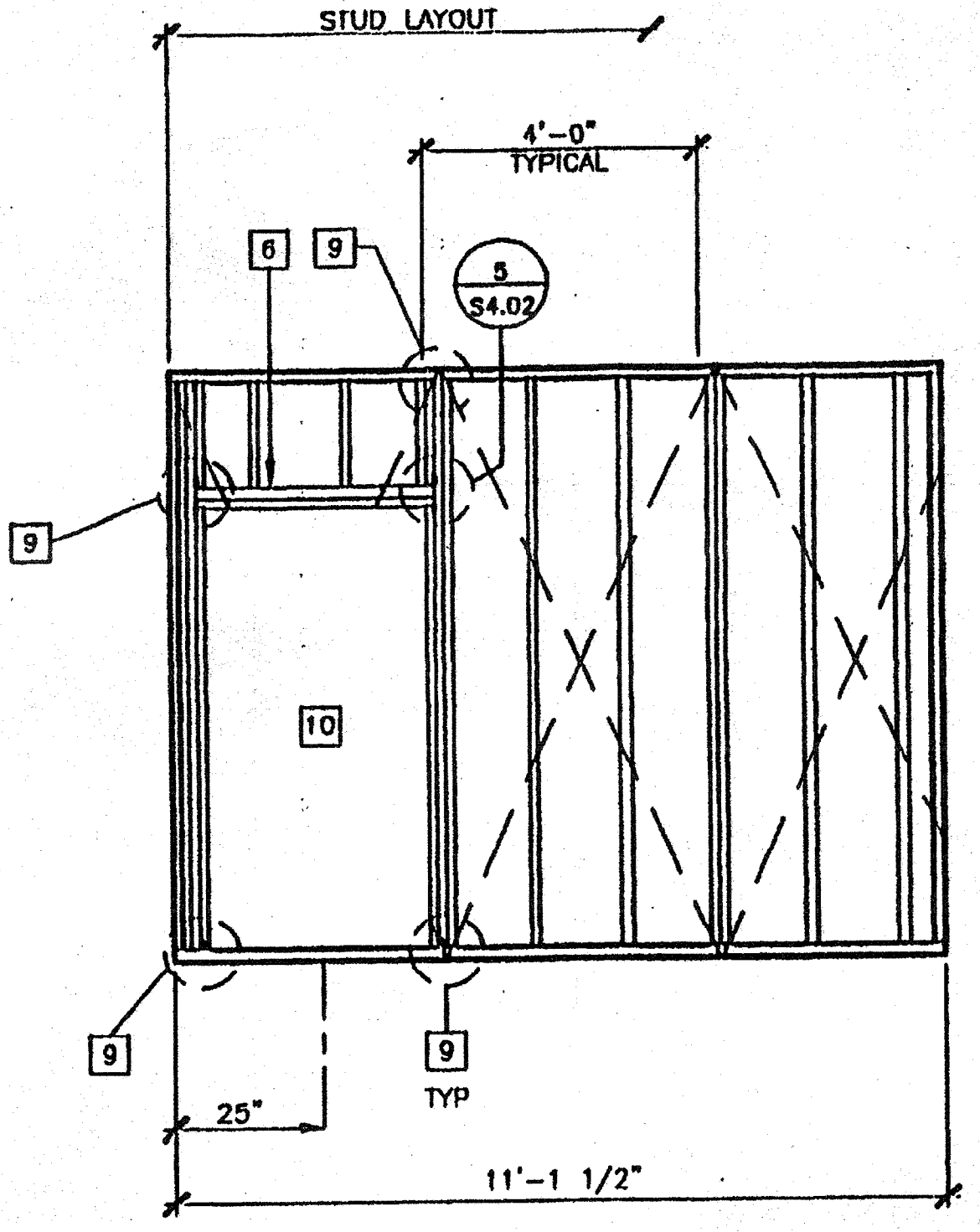
TYPICAL SIDE WALL



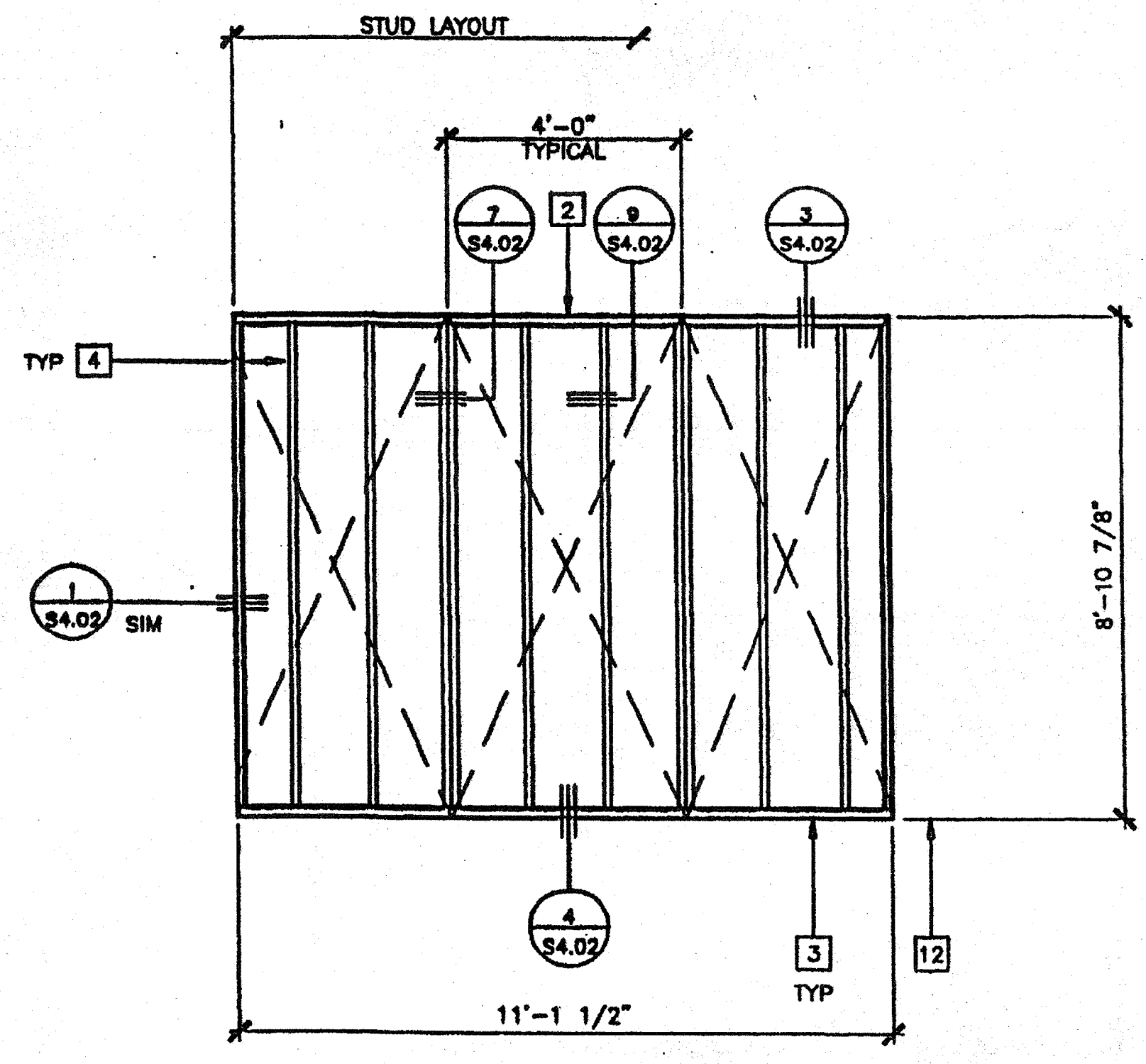
TYPICAL WINDOW



TYPICAL HVAC



TYPICAL DOOR



TYPICAL END WALL

- KEY NOTES**
- 1 4"x4" POST
 - 2 2"x4" TOP PLATE
 - 3 2"x4" FLOOR SILL PLATE
 - 4 2"x4" STUDS AT 16" OC TYPICAL - FOR BUILDINGS EXCEEDING 2160 SF ONLY USE 12" OC SPACING WITHIN 4'-0" OF BUILDING CORNERS
 - 5 2"x8" LET IN FOR AC SUPPORT
 - 6 2"x4" HEADER - 13/S4.02
 - 7 2"x4" SILL - 13/S4.02
 - 8 2"x4" FULL HEIGHT KING STUDS AND 2"x4" TRIMMER 13/S4.02
 - 9 A 34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
 - 10 REQUIRED OPENING FOR A 3088 DOOR - 13/S4.02
 - 11 REQUIRED OPENING FOR A B040 WINDOW - 13/S4.02
 - 12 FINISH FLOOR LINE
 - 13 FRAME FOR ELECTRICAL PANEL
 - 14 18"x36"x1 1/2" PLYWOOD BLOCKING AT 74" AFF FOR TV BRACKET FOR FUTURE USE BY DISTRICT. SEE A101, A401

WALL FRAMING ELEVATIONS

WOOD STUDS
SCALE: 3/8" = 1'-0"

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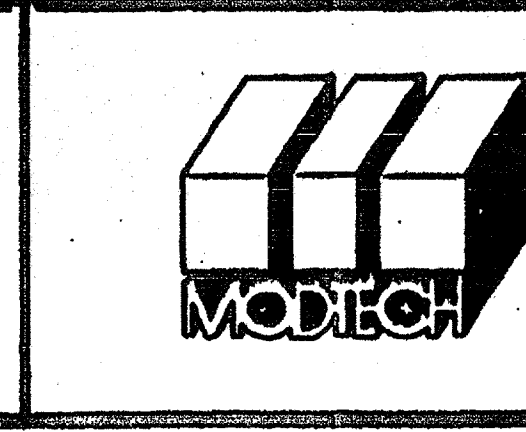
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WALL FRAMING

WOOD STUDS

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NOTE:
ALL NAILS SHALL BE BOX NAILS UNLESS OTHERWISE NOTED

CONNECTION	NAILING ¹
1. JOIST TO SILL OR GIRDER, TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END	2-8d
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d AT 16" OC
SOLE PLATE TO JOIST OR BLOCKING, AT BRACED WALL PANELS	3-16d PER 16"
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE	4-8d, TOENAIL OR 2-16d, END NAIL
9. DOUBLE STUDS, FACE NAIL	16d AT 24" OC
10. DOUBLE TOP PLATES, TYPICAL FACE NAIL	16d AT 16" OC
DOUBLE TOP PLATES, LAP SPLICE	8-16d
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	3-8d
12. RIM JOIST TO TOP PLATE, TOENAIL	8d AT 6" OC
13. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
14. CONTINUOUS HEADER, TWO PIECES.	16d AT 16" OC ALONG EACH EDGE
15. CEILING JOIST TO PLATE, TOENAIL	3-8d
16. CONTINUOUS HEADER TO STUD, TOENAIL	4-8d
17. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
18. CEILING JOISTS, TO PARALLEL RAFTERS, FACE NAIL	3-16d
19. RAFTER TO PLATE, TOENAIL	3-8d
20. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
21. 1"x8" OR LESS SHEATHING TO EACH BEARING, FACE NAIL	2-8d
22. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
23. BUILT-UP CORNER STUDS	16d AT 24" OC
24. BUILT-UP GIRDER AND BEAMS.	20d AT 32" OC AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE
25. 2" PLANKS	2-16d AT EACH BEARING
26. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ² SUBFLOOR AND WALL SHEATHING (TO FRAMING):	
1/2" AND LESS	8d ⁴ OR 6d ³
19/32"-3/4"	8d ⁴ OR 6d ³
7/8"-1"	10d ⁴ OR 8d ⁵
1 1/8"-1 1/4"	10d ⁴ OR 8d ⁵
COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING)	
3/4" AND LESS	8d ⁴ OR 6d ³
7/8"-1"	8d ⁴ OR 6d ³
1 1/8"-1 1/4"	10d ⁴ OR 8d ⁵
27. PANEL SIDING (TO FRAMING) ² :	
1/2" OR LESS	6d ⁶
5/8"	8d ⁶
28. FIBERBOARD SHEATHING: ⁷	
1/2"	NO. 11 GA. 8 8d ⁴
	NO. 16 GA. 9 8d ⁴
25/32"	NO. 11 GA. 8 8d ⁴
	NO. 16 GA. 9 8d ⁴
29. INTERIOR PANELING	
1/4"	4d ¹⁰
3/8"	6d ¹¹

OPENING	HFADDER	SILL	JAMB	HEIGHT	WIDTH
3068	(2)2"x4"	N/A	(2)2"x4"	81 1/4"	36"
8040	(3)2"x4"	(2)2"x4"	(3)2"x4"	47 5/8"	95 3/4"

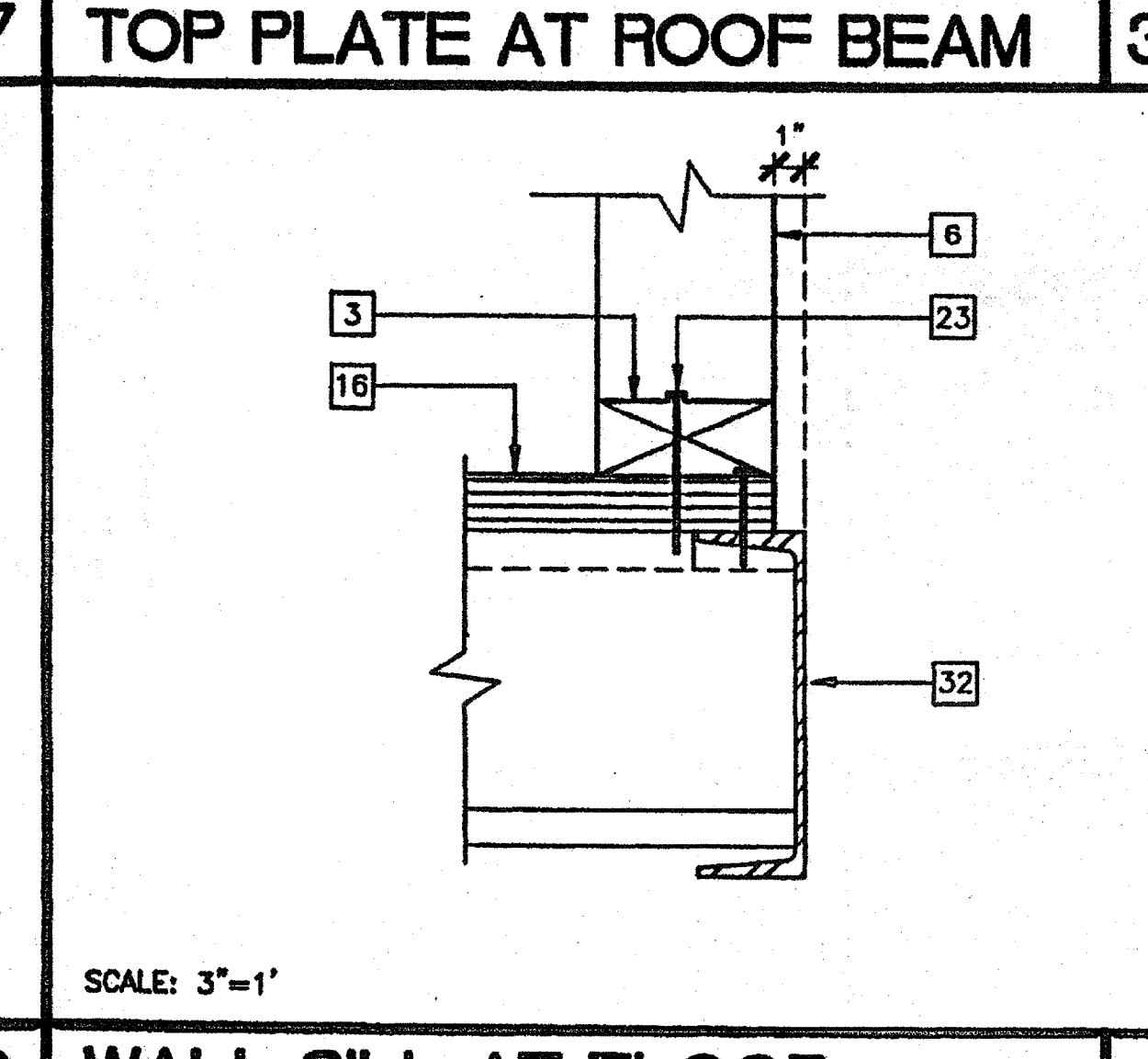
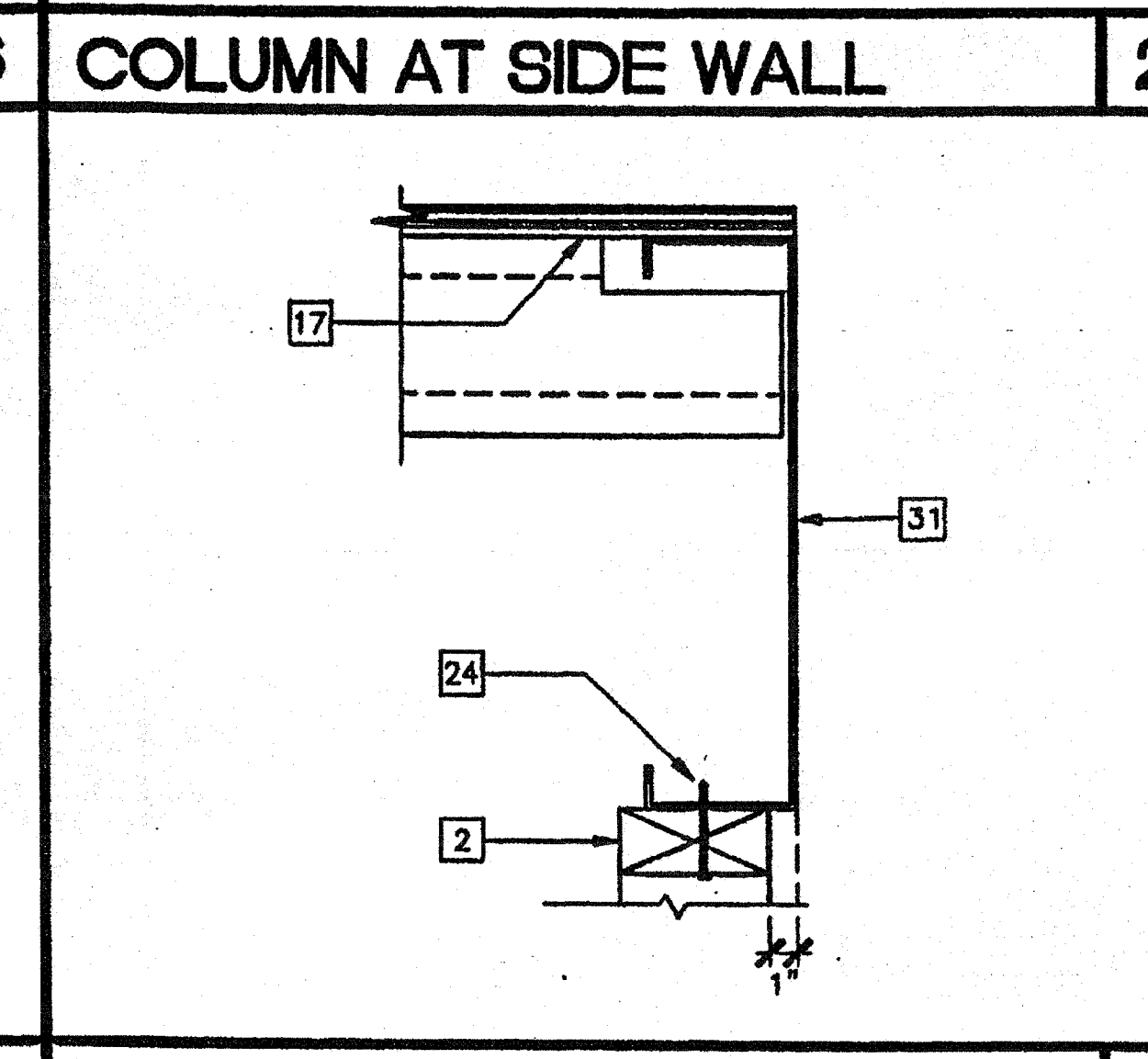
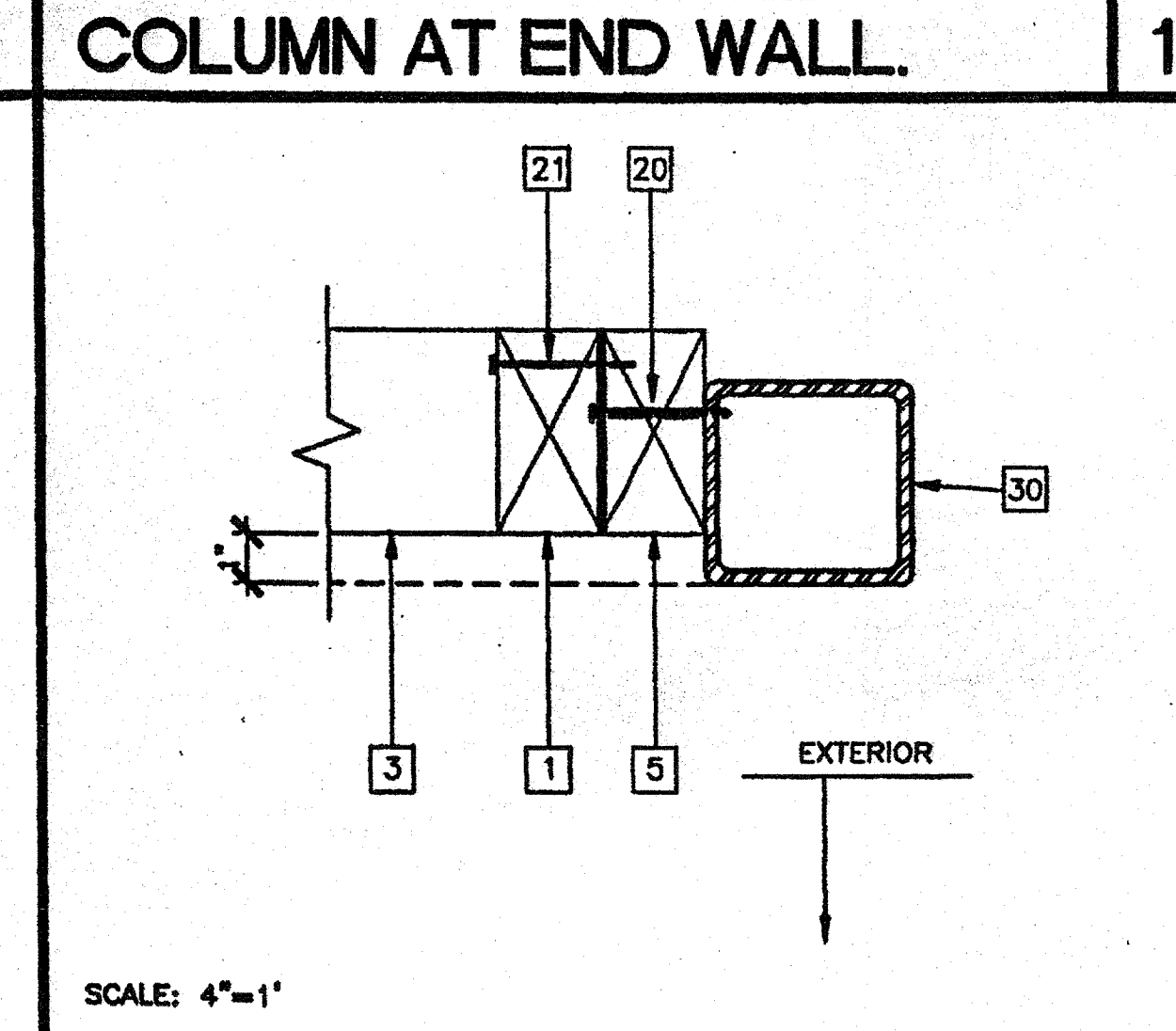
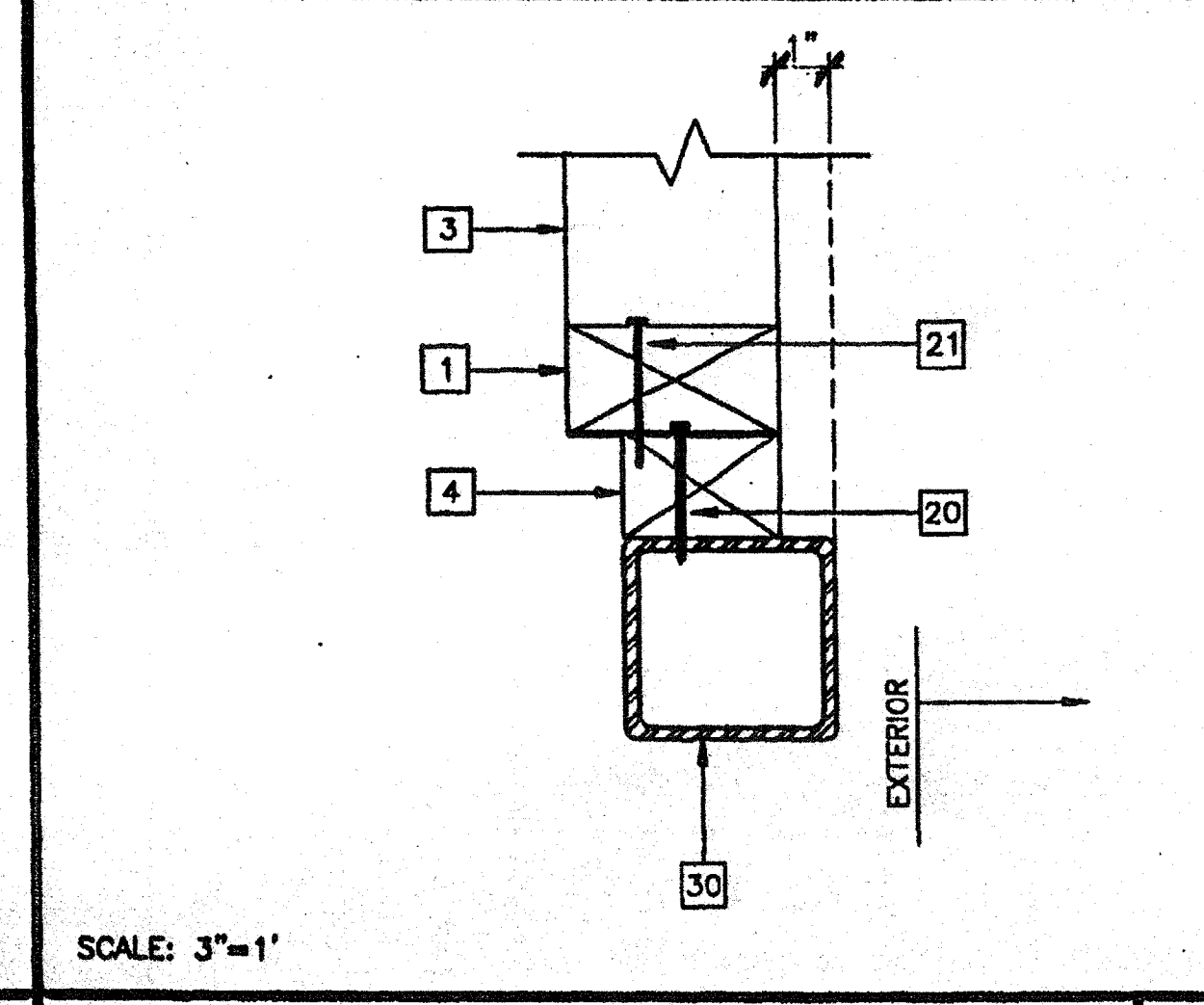
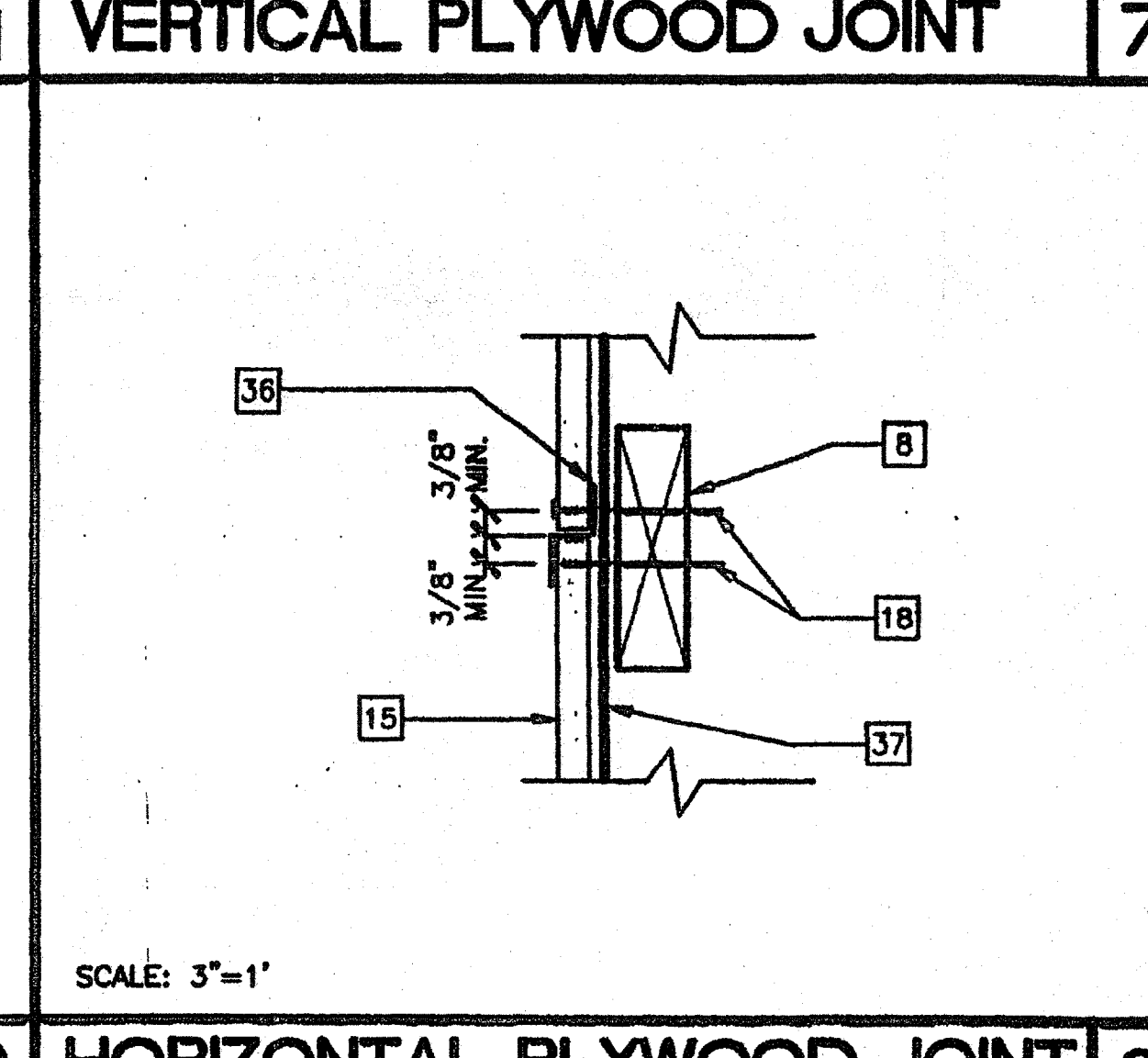
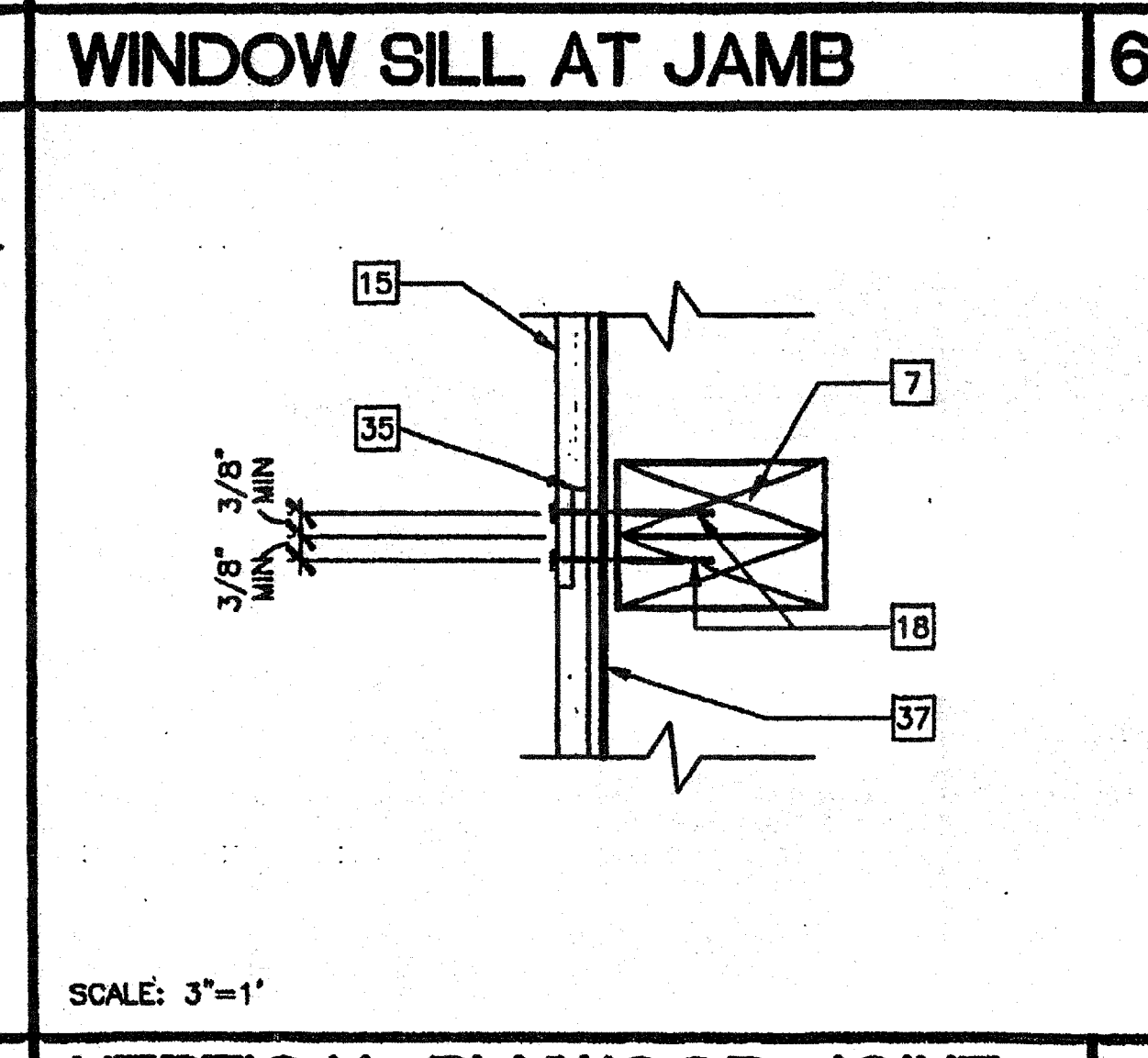
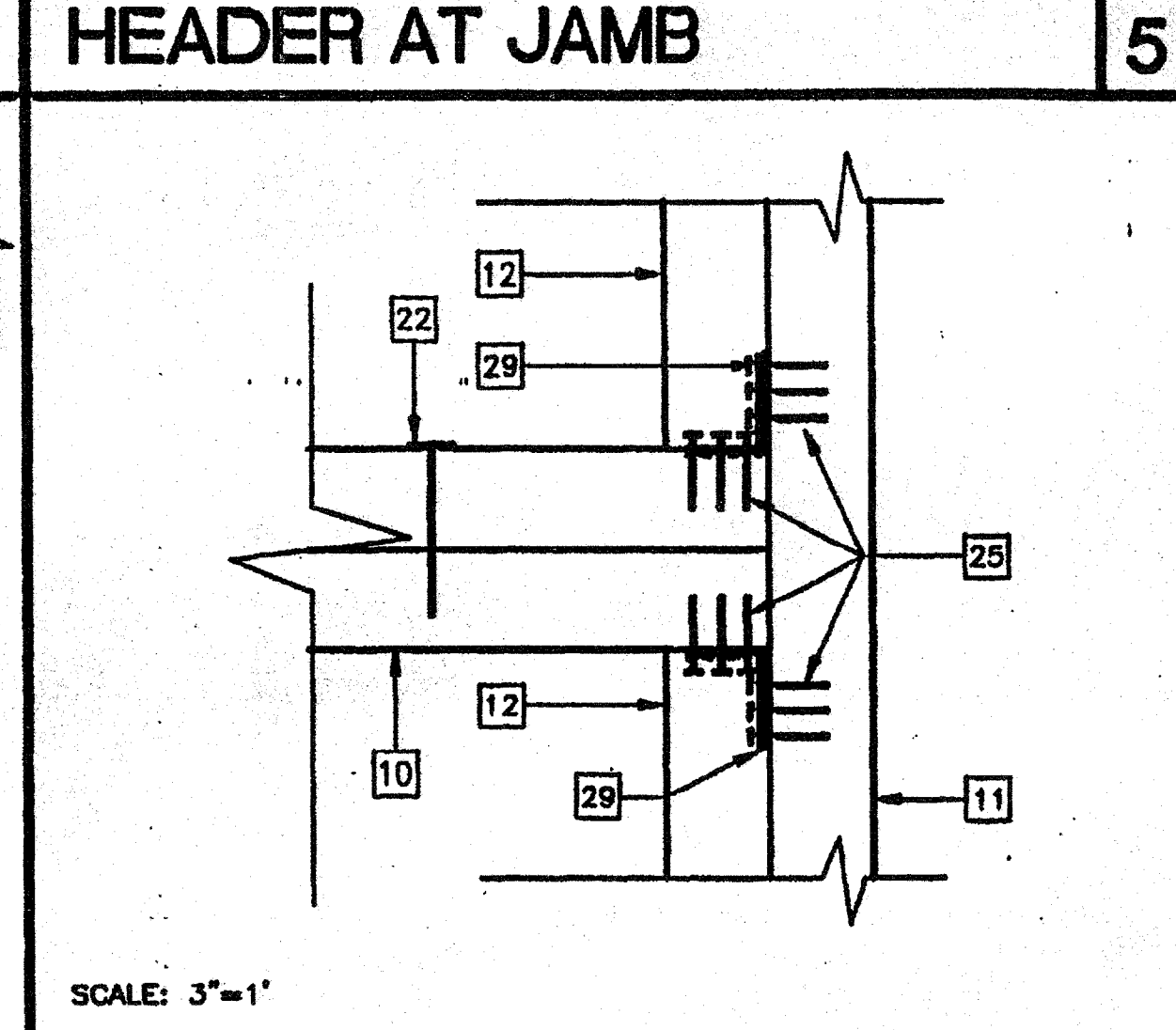
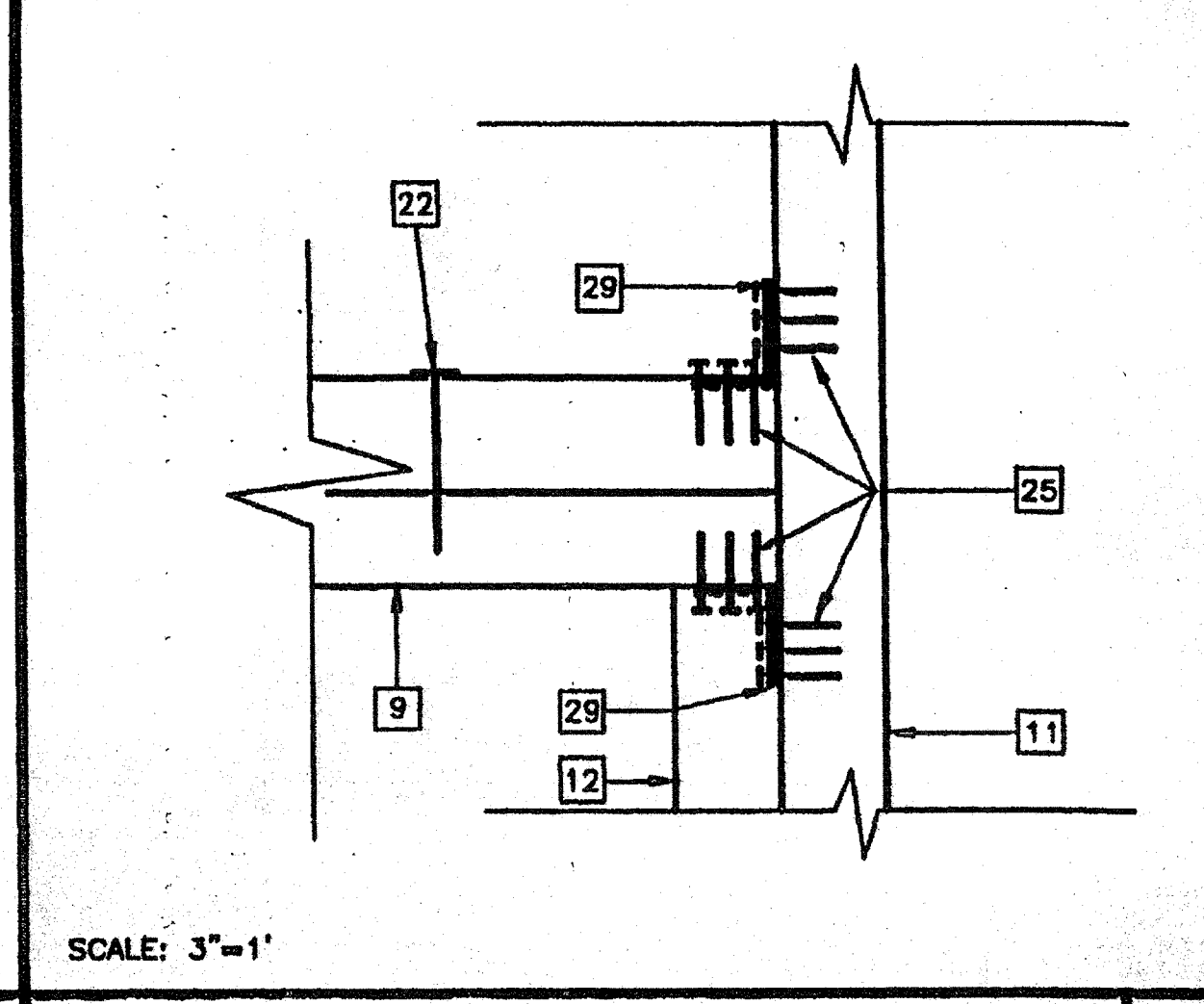
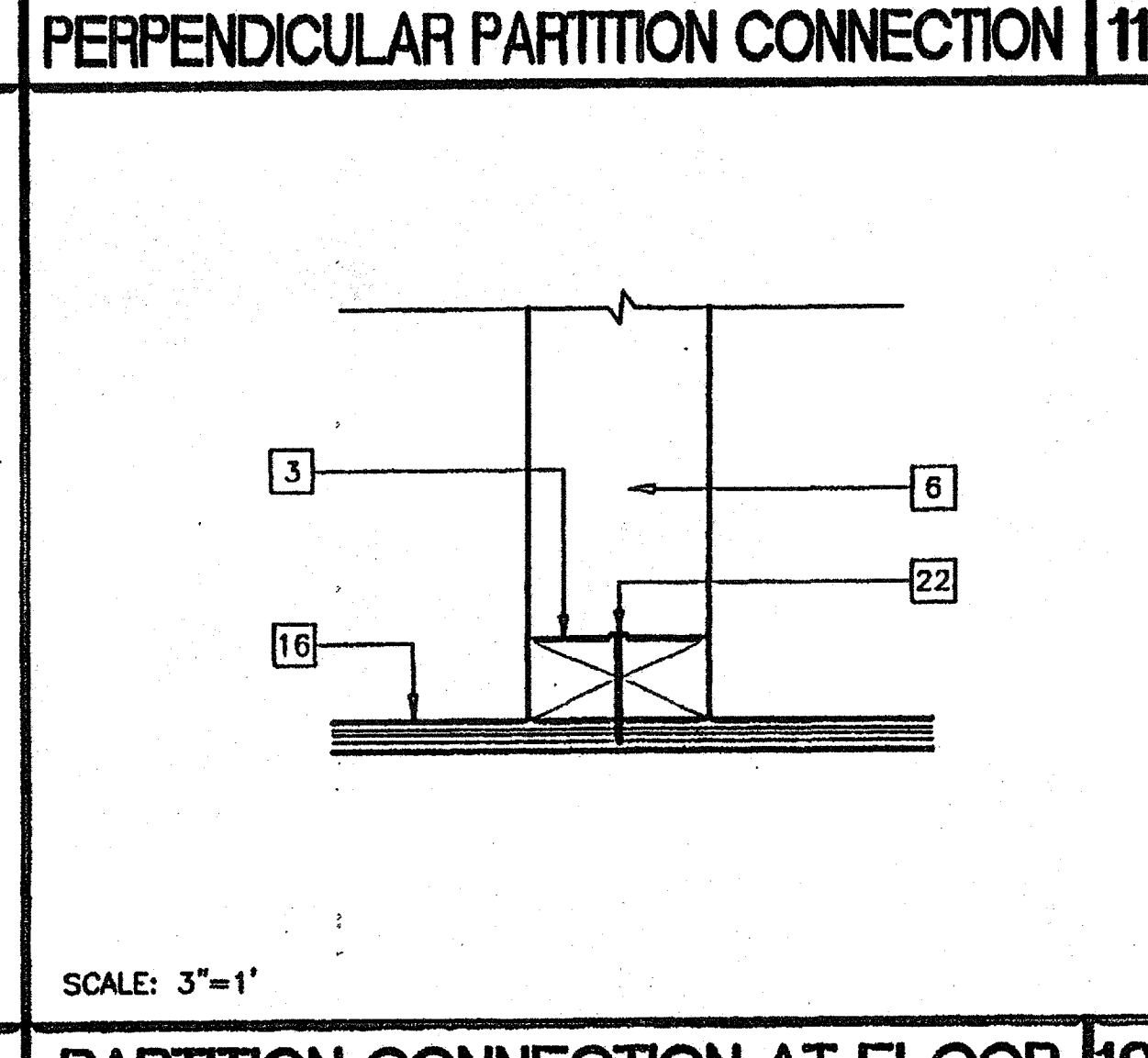
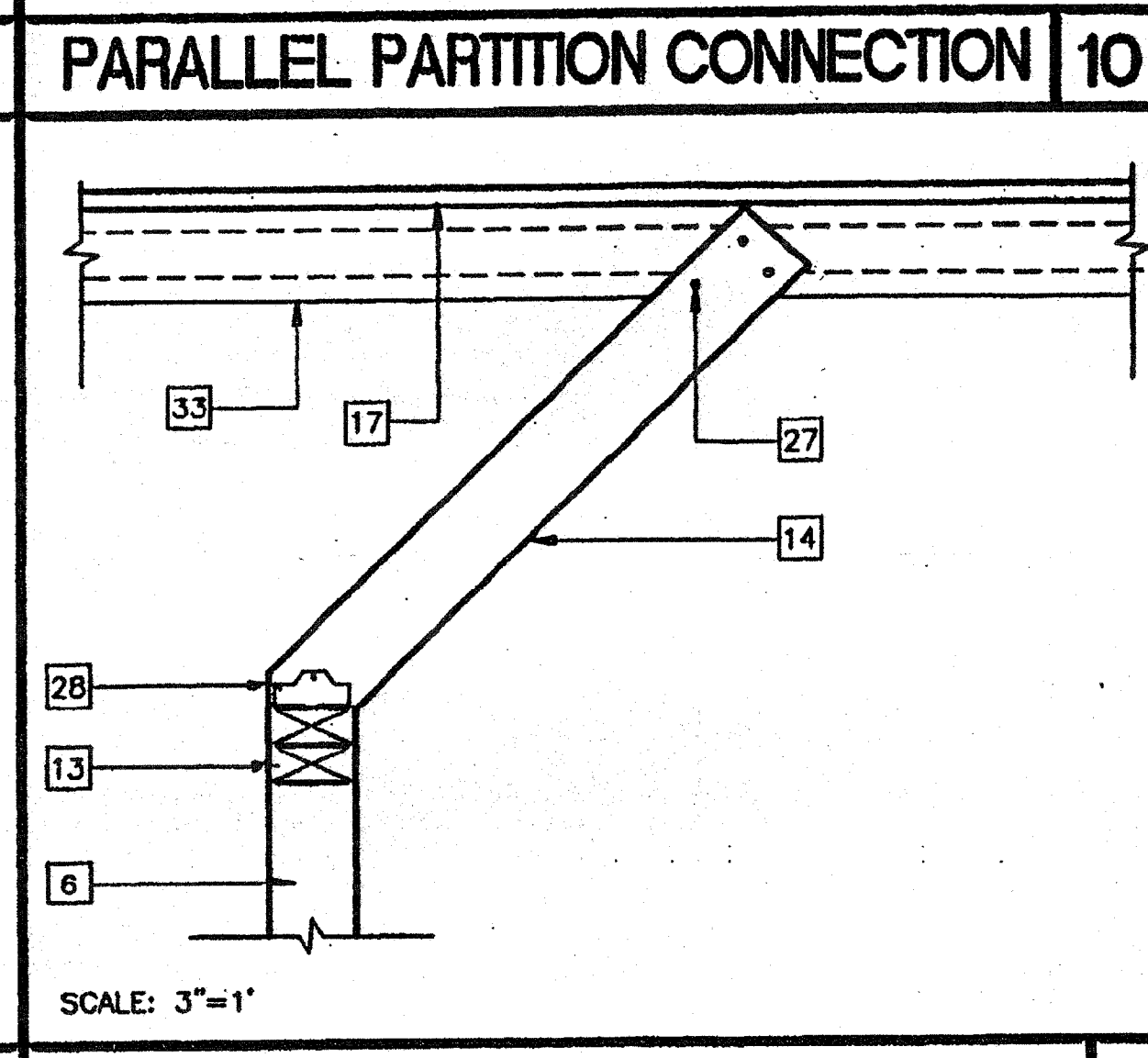
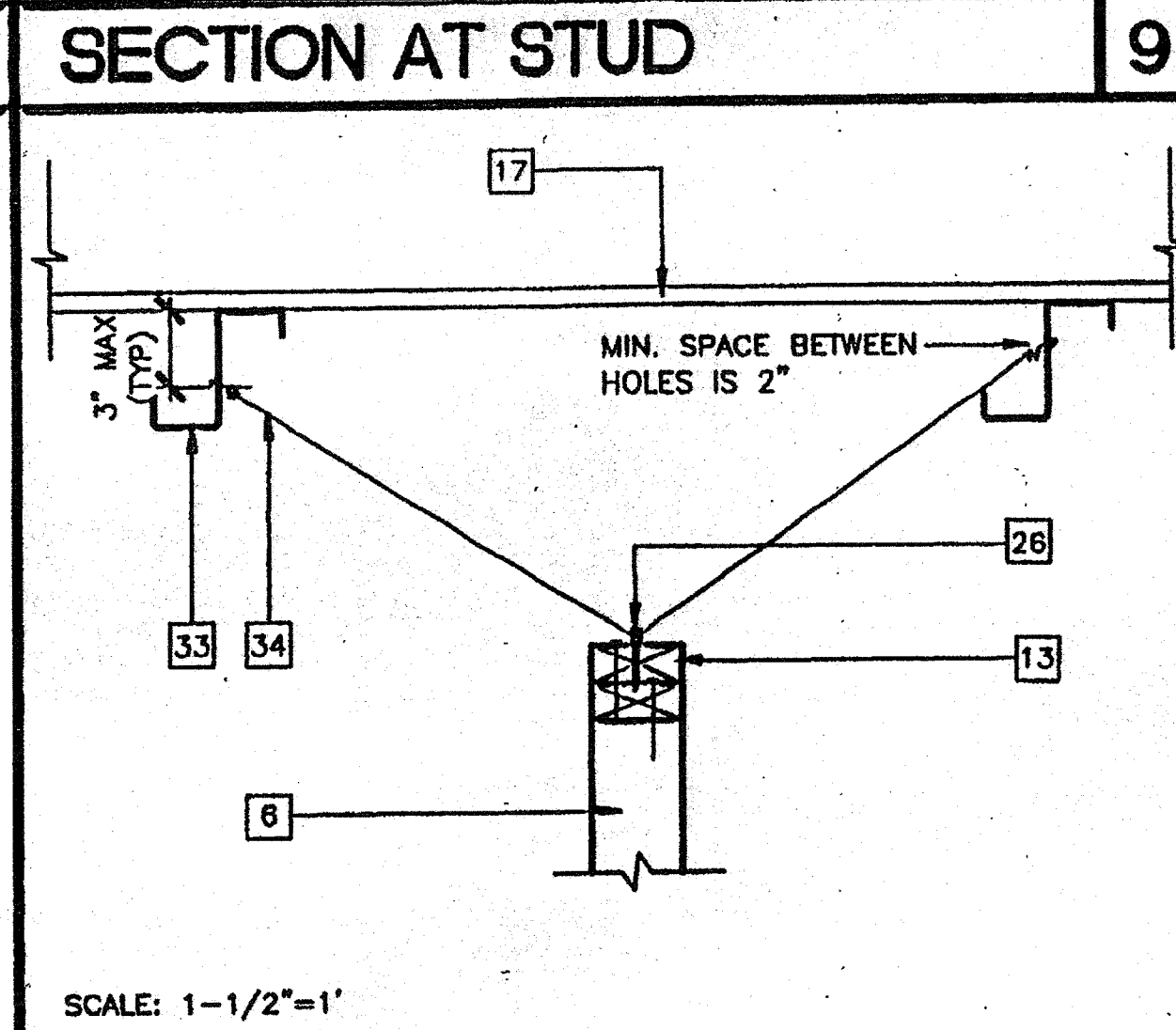
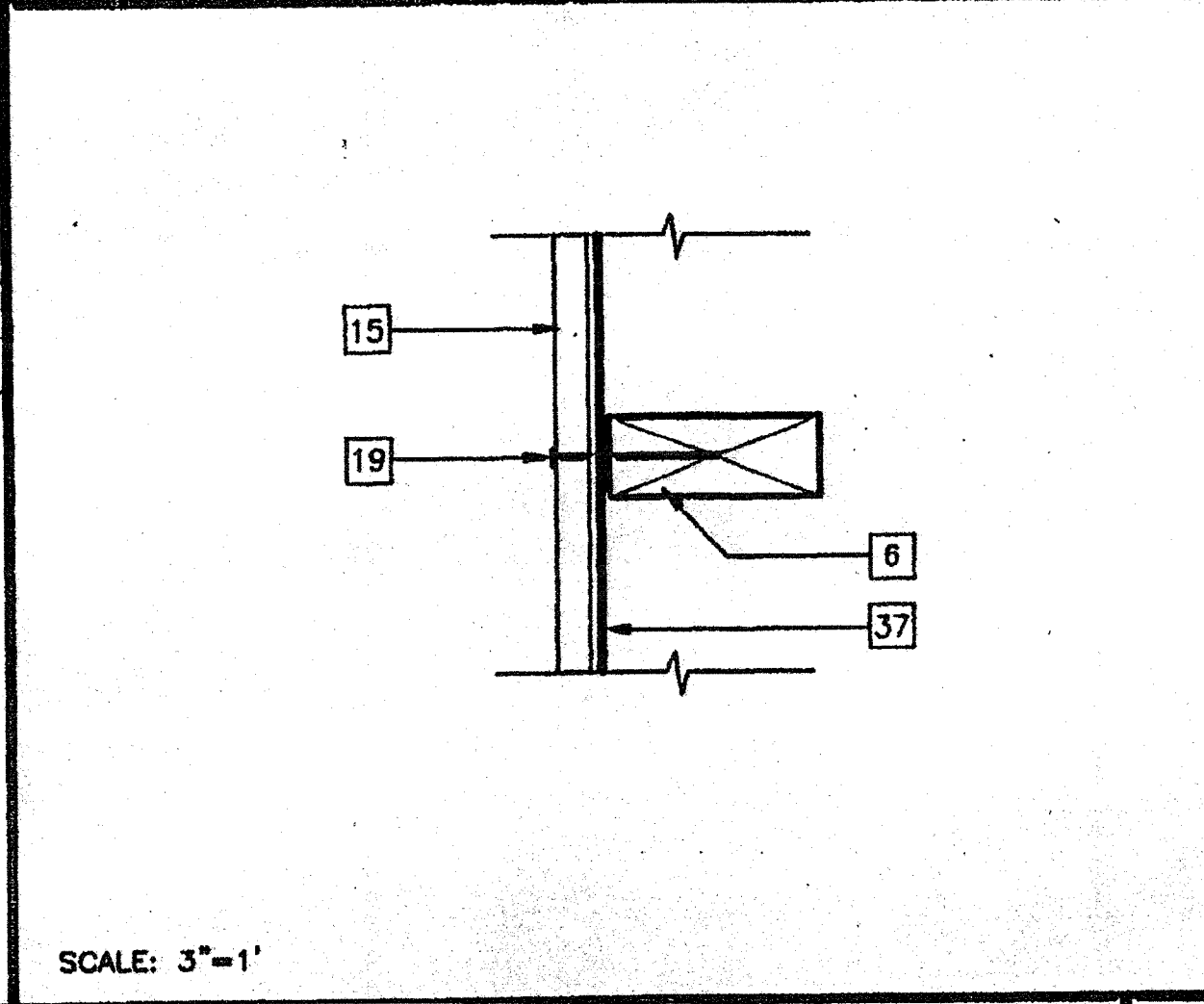
* = 4 JAMB STUDS FOR 80 MPH DESIGN WIND LOAD

ROUGH OPENING SCHEDULE 13

14	PARALLEL PARTITION CONNECTION 10
15	PERPENDICULAR PARTITION CONNECTION 11
16	PARTITION CONNECTION AT FLOOR 12

17	NAILING SCHEDULE 17
----	---------------------

18	HORIZONTAL PLYWOOD JOINT 8
----	----------------------------



KEY NOTES

- 1 2"x4" END PLATE
- 2 2"x4" TOP PLATE
- 3 2"x4" FLOOR SILL PLATE
- 4 2"x NAILER AT END WALL
- 5 2"x4" NAILER AT SIDE WALL
- 6 2"x4" AT 16" OC
- 7 DOUBLE 2"x4" STUDS AT PLYWOOD EDGES
- 8 2"x4" BLOCKING
- 9 HEADER - 13/54.02
- 10 WINDOW SILL - 13/54.02
- 11 FULL HEIGHT JAMB STUDS - 13/54.02
- 12 2"x4" TRIMMER STUD
- 13 2"x4" DOUBLE TOP PLATE AT INTERIOR PARTITIONS
- 14 2"x4" BRACE AT 8'-0" OC MAX AT 45° MAX
- 15 EXTERIOR SHEATHING NAIL WITH 8d GALVANIZED BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING
- 16 FLOOR SHEATHING
- 17 ROOF SHEATHING
- 18 EDGE NAILING 8d ELECTRO GALVANIZED AT 6" OC
- 19 FIELD NAILING 8d ELECTRO GALVANIZED AT 12" OC
- 20 #10 STMS AT 24" OC OR 0.1456 SHOT PIN AT 24" OC
- 21 16d AT 24" OC
- 22 16d NAIL AT 16" OC
- 23 16d BOX NAILS AT 8" OC
- 24 10 STMS AT 16" OC OR AEROSMITH AKN 144.0175 DRIVE PIN AT 16" OC
- 25 8dx1 1/2" NAILS
- 26 1/4" DIAx2 1/2" EYE LAG SCREW AT 8'-0" OC (2" EMBEDMENT)
- 27 #12x2" TYPE A HEX HEAD SCREWS WITH WASHERS TYPICAL FOR 3
- 28 A35 CLIP BOTH SIDES OF BRACE TO TOP PLATE
- 29 A34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
- 30 TUBE STEEL COLUMN (STR)
- 31 ROOF BEAM OR HEADER (STR)
- 32 FLOOR BEAM OR HEADER (STR)
- 33 ROOF PURLIN (STR)
- 34 12 GA BRACE WIRES ATTACH TO EYE LAG SCREWS AND TO ROOF PURLINS AT 8'-0" OC - ENDS TO HAVE 4 TIGHT WRAPS IN 1 1/2"
- 35 LAP JOINT
- 36 "Z" FLASHING
- 37 WATERPROOF MEMBRANE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 03 117210
AC FLS - SS JY
DATE JUL 17 2015

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPROS. 102035
AC FLS - SS JY
DATE JUL 17 2015

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS - SS JY
DATE SEP 07 2009

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 3501
GLENDALE U.S.D.
GLENDALE HIGH SCHOOL

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DRAWN BY: O.E.
DATE: 5-15-00
CHECKED BY: JH
DATE: 5-16-00
MODTECH Index No.
S4.02

FRAMING DETAILS

PROJECT NO. 3501 - GLENDALE U.S.D. (3) 24-X40 FILE PATH: 2440-S4.02.DWG

FILE PATH: 2440-M1.01.DWG

KEY NOTES

- 1 AC1-BARD WALL MOUNT 3.5 TON HEAT PUMP WITH SKW HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208/230V, 1 PHASE, 28 AMP WEIGHT 515 LBS
- 2 THERMOSTAT AT 48" AFF (SEE SPECS)
- 3 FLEX DUCT
- 4 15"x15" 4 WAY SUPPLY AIR GRILLE
- 5 10"x30"x24" PLENUM (SEE SPECS)

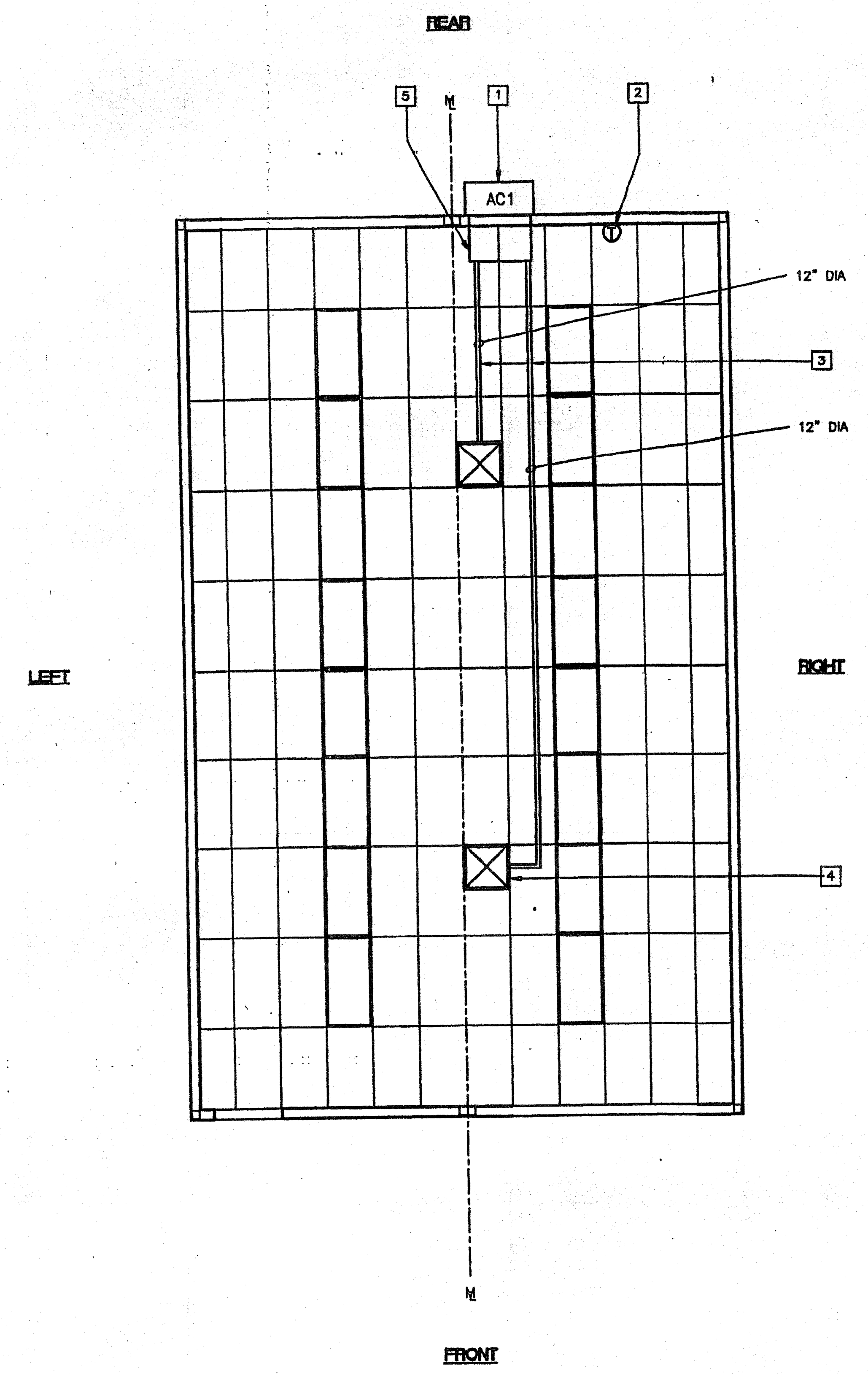
NOTES

1. INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION. INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED

2. SCHOOL EQUIPMENT ANCHORAGE
 THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:
 THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM CCR TITLE 24 SECTION 1832A AND TABLE 18A-0. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.
 ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

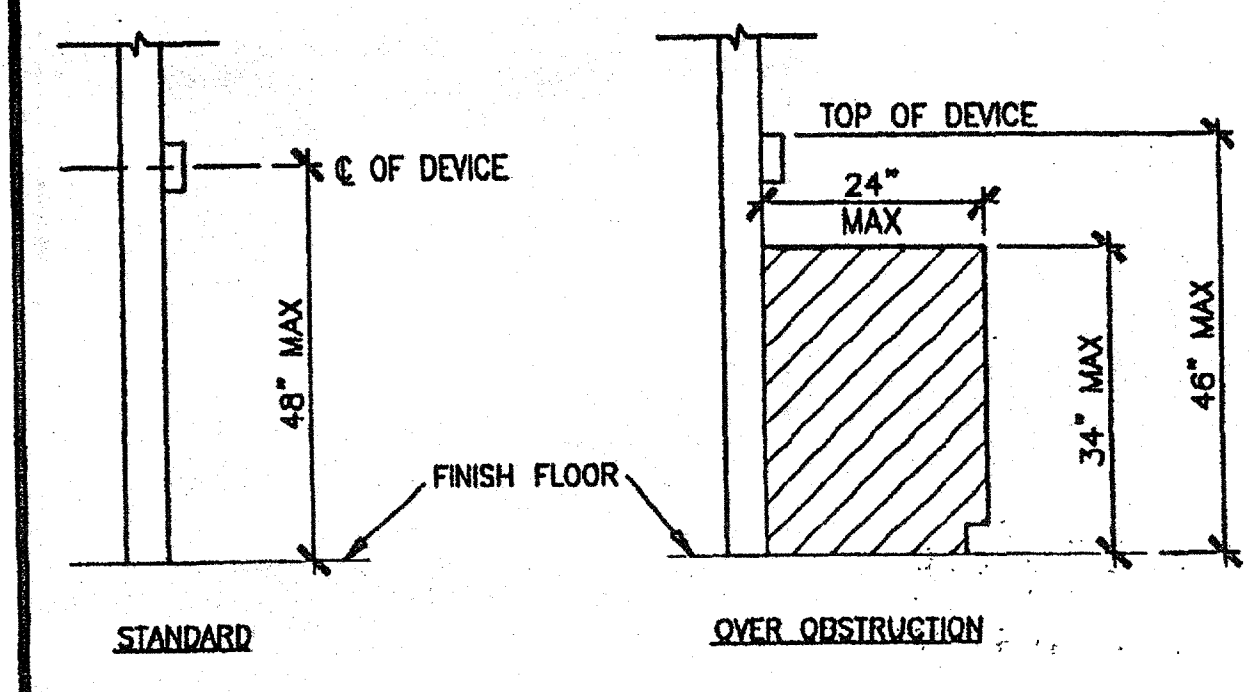
EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.
 THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 4
 WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



MECHANICAL (HVAC) PLAN (24'x40')
 SCALE: 1/4" = 1'-0"

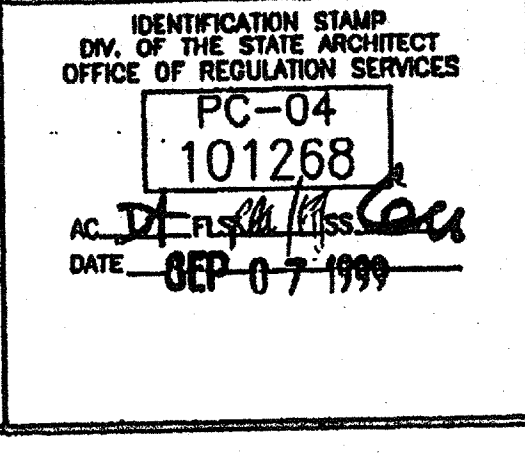
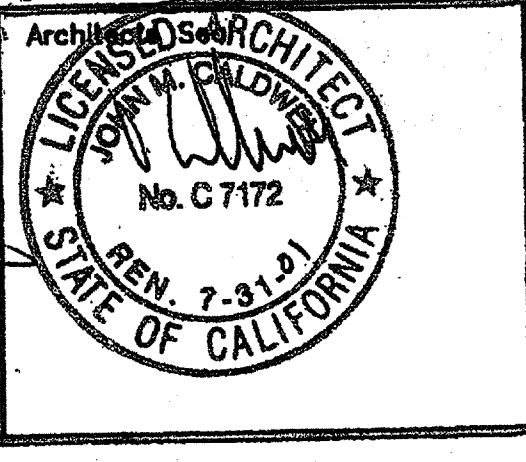
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPROX: 104085
 A 03 117210
 AC FLS MISS JK
 DATE JUL 17 2010



DEVICE MOUNTING 1

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-04
 101268
 AC FLS MISS JK
 DATE SEP 07 1999



MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

PROJECT NUMBER: 3501
 GLENDALE U.S.D.
 GLENDALE HIGH SCHOOL

© MODTECH, INC. 1999

DRAWN BY: O.E.
 DATE: 5-15-00
 CHECKED BY: *JK*
 DATE: 5-16-00

MECHANICAL (HVAC) PLAN 24'x40'

M1.01

PROJECT NO. 3501 GLENDALE U.S.D. (3) 24'x40' PC-04-101268

ELECTRICAL PANEL SCHEDULE

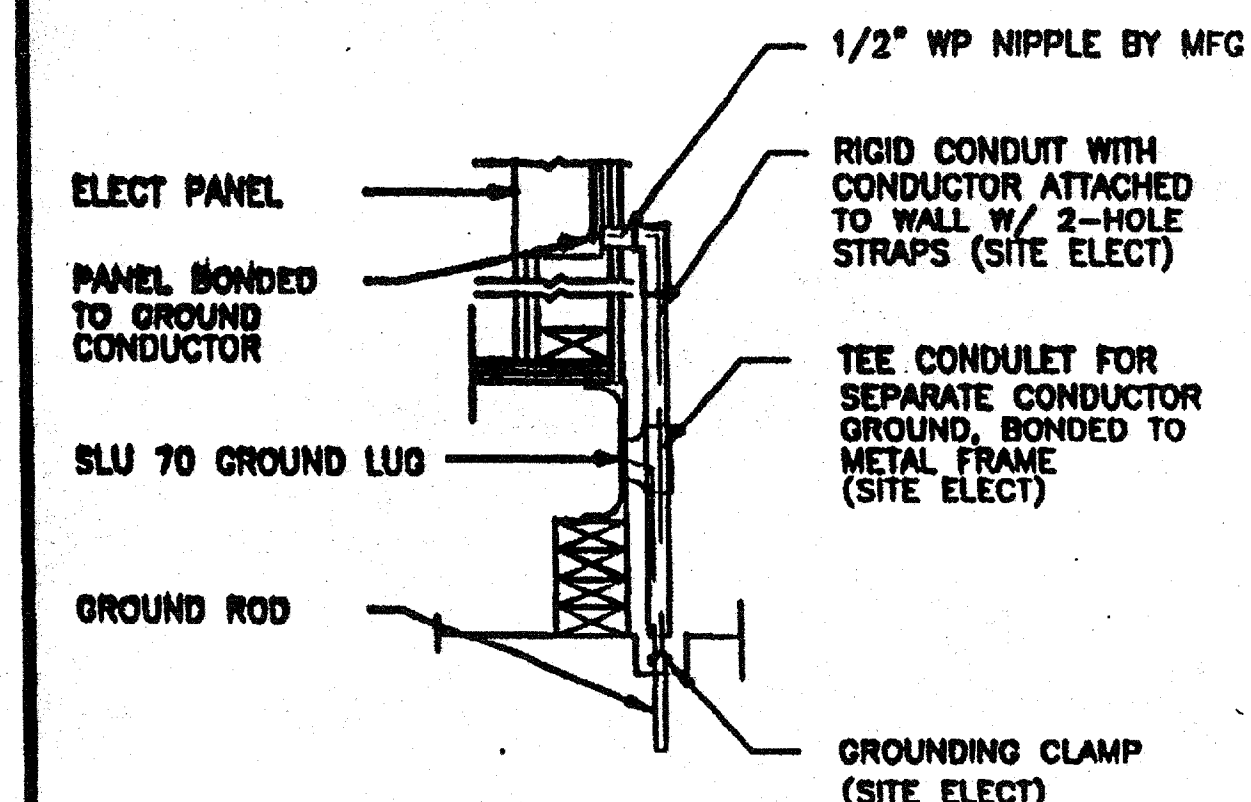
LOAD	WATTS		BREAKER		Amps		P		WATTS		LOAD		
	A#	B#	A	B	A	B	A	B	A#	B#			
RECEPTACLE (4)	720		20	1	1				2	2	50	4080	HVAC (3.5T)
RECEPTACLE (4)	720		20	1	3				4			4080	HVAC (3.5T)
RECEPTACLE/CLOCK (4)	720		20	1	5				6	2	30	3120	HEAT STRIPS (5KW)
INT/EXT LIGHTS			1180	20	1	7			8			3120	HEAT STRIPS (5KW)
INTERIOR LIGHTS			1120	20	1	9			10				FIRE ALARM (DEDICATED)
WATTS/PHASE	A = 9760		2560	1900					7200	7200	B = 9100		WATTS/PHASE
TOTAL	18860	WATTS	78.5	AMPS	120/240	VOLTS			SINGLE	Ø		THREE	WIRE
NCL =													

GENERAL GROUNDING NOTES

- EACH BUILDING SHALL BE SEPARATELY GROUNDING WITH A 3/4" RD. X 6' COPPER/CLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
- TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAY BE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUNDING TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

ELECTRICAL LEGEND

- 2'x4' FLO-LITE ELECTRONIC BALLAST NO LIT PRUDENTIAL P8623XCTE.PRA.A87RWX1-120 LITE BULBS A.A. DIST 25/BOX F32 T8 TRITON 950 34000HR LUMENS:2000 CRI 98
- ⊕ EXTERIOR LIGHT FIXTURE AT +93" AFF
- ⊕ DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE AT +18" AFF
- ⊕ HVAC UNIT (HV)
- ⊕ 4s J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, 3/4" CO TO ⊕ PULLSTRING
- ⊕ 4s J-BOX FOR FIRE ALARM STROBE AT +80" AFF, 3/4" CO TO ⊕ PULLSTRING
- ⊕ 4s J-BOX FOR FIRE ALARM HORN AT +96" AFF 3/4" CO STUB IN ATTIC, PULLSTRING
- ⊕ WEATHER PROOF GUTTER BOX (6x6x4) AT +18" AFF 3/4" CO STUB IN ATTIC, PULLSTRING
- ⊕ ELECTRICAL PANEL AT +60" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- ⊕ SWITCH AT +48" AFF
- ⊕ CLOCK AT +90" AFF
- ⊕ JUNCTION BOX
- ⊕ CABLE 5' BOX @ +74" AFF FOR TV



TYP GROUNDING DETAIL 1

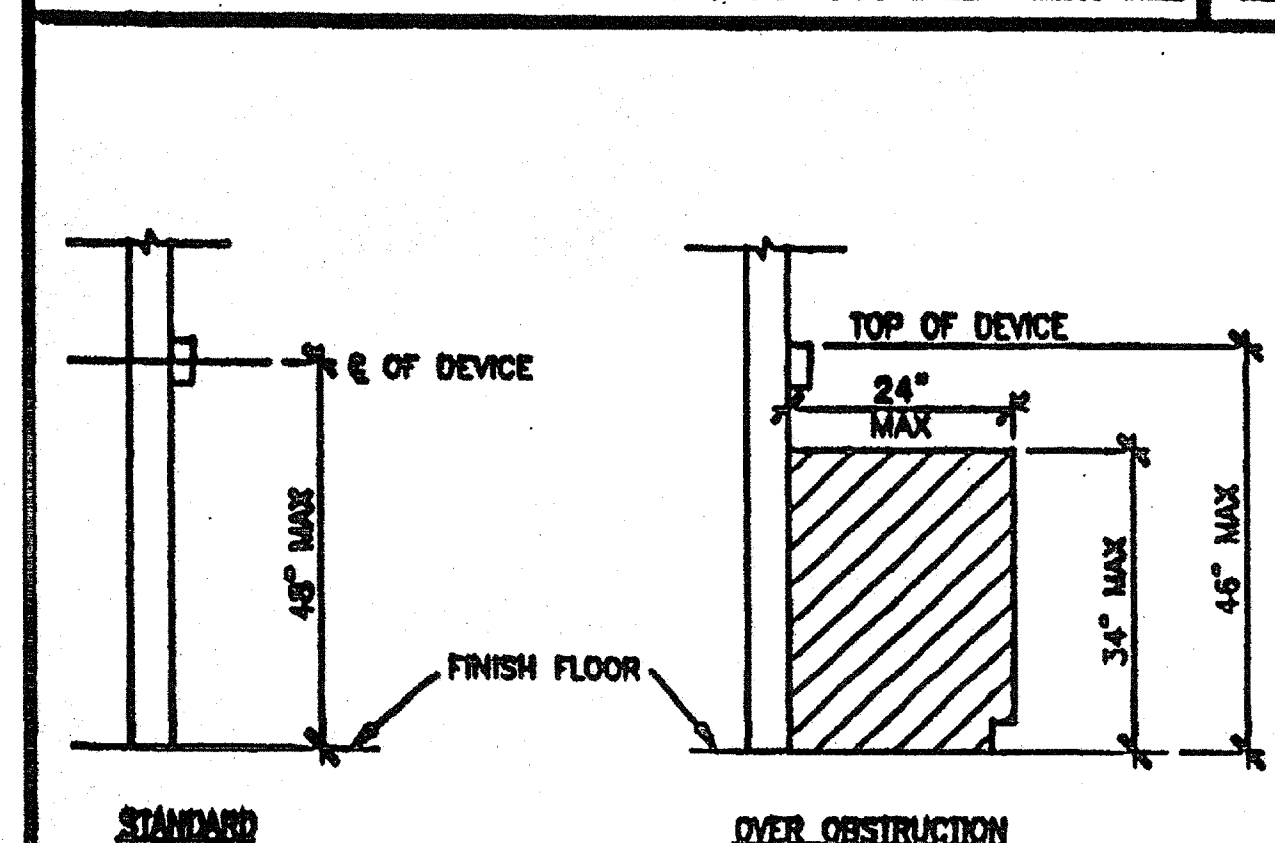
NOTES

- SCHOOL EQUIPMENT ANCHORAGE
THE FOLLOWING IS FOR THE ARCHITECT'S INFORMATION ONLY:
THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO COR TITLE 24, SECTION 1832A AND TABLE 18A-2. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

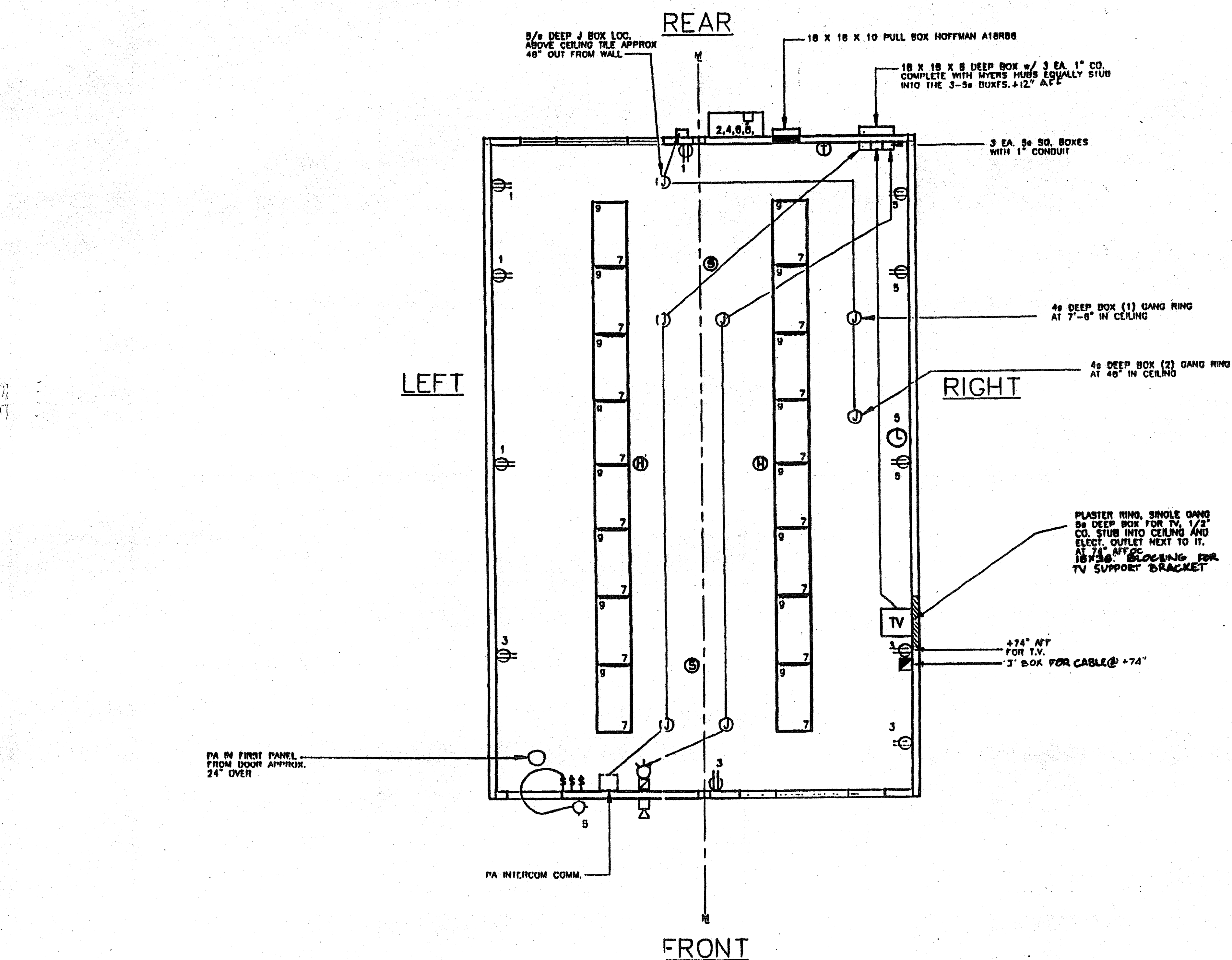
EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 4.
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

GROUND JUMPER AT MOD LINE 2



DEVICE MOUNTING 3



ELECTRICAL PLAN

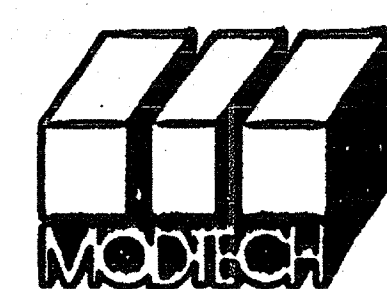
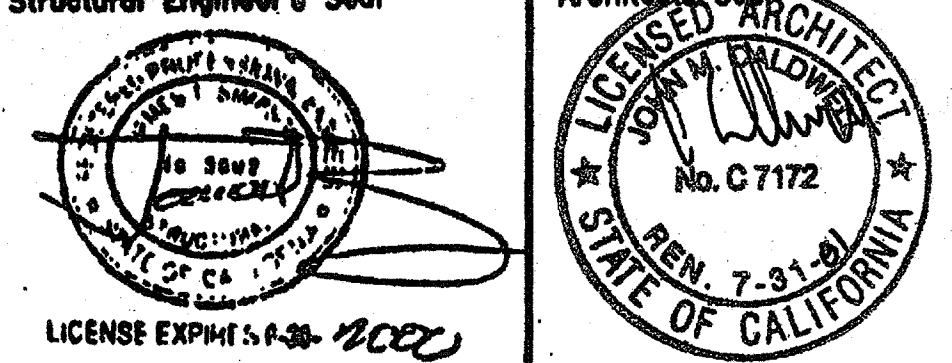
SCALE: 1/4" = 1'-0"

REVISIONS

NO.	DESCRIPTION	DATE

Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal

BASED ON PC-101268



MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 3501
GLENDALE U.S.D.
GLENDALE HIGH SCHOOL

© MODTECH, INC. 1999

DRAWN BY: D.E.
DATE: 5-15-00
CHECKED BY: [Signature]
DATE: 5-16-00

ELECTRICAL PLAN

24'x40'

E1.01

FILE PATH: 2440-E1.01.DWG

PROJECT NO.

Increment # _____ DSA File No. _____
 Application No. _____
 Date Submitted: _____ Revised: _____

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE	PERFORMED BY	CODE REFERENCE AND NOTES
	SOILS			
	CONCRETE	Table 1706A.3		
	MASONRY	TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.18.3		
	STEEL	Table 1706A.2.1		
	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
	a. Verify that all materials are appropriately marked and that: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	Periodic		* By special inspector when performed off-site; by project inspector for steel shipped directly to project site without welding or fabrication.
X	b. Test unidentified materials	Test	Lab	2203A.1 (2203.1), ASTM A370.
	Inspections:			
X	d. Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop.	Periodic	SI	
	19. WELDING:			
	Verification of Materials, Equipment, Welders, etc.:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
	19.1 SHOP WELDING:			
X	b. Inspect single-pass fillet welds $\leq 5/16"$	Periodic	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	c. Inspect welding of stairs and railing systems.	Periodic	SI	1706A.2.2.1 Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
	WOOD			
	OTHER			

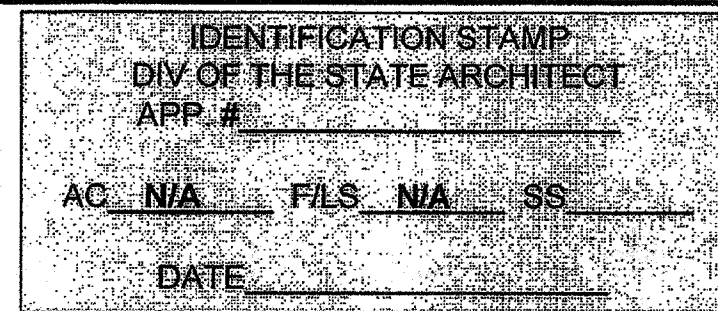
1 Shop Welding Inspection: Special Inspection Verified Report - Form DSA-262

KEY to Columns

1 Type -	2 Performed By -
Continuous - Indicates that a continuous special inspection is required	GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic - Indicates that a periodic special inspection is required	LAB - Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CBC Title 24, Part 1.
Test - Indicates that a test is required	PI - Indicates that the special inspection is to be performed by the project inspector
	SI - Indicates that the special inspection is to be performed by a special inspector

COMPILE PRINT

Name of Architect or Engineer in general responsible charge _____
 Name of Structural Engineer (When structural design has been delegated) _____
 Signature of Architect or Structural Engineer _____ date _____



DSA-103 (rev 12-20-13) * In the CODE REFERENCE AND NOTES column, it indicates DSA-SS/CC sections that may be used by community colleges, per 2013 CBC Sec. 1.9.2.2.

"CONSTRUCTION OF" AND "STOCKPILE OF" EXAMPLE DSA 103 FORM (DSA 103 FORM NOT REQUIRED FOR RELOCATION OF CERTIFIED RAMP & LANDING).

THE EXAMPLE FORM DSA-103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT-SPECIFIC FORM DSA-103'S. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND THE EXAMPLE FORM DSA-103 IS TO BE CROSSED OUT ON THIS DRAWING.

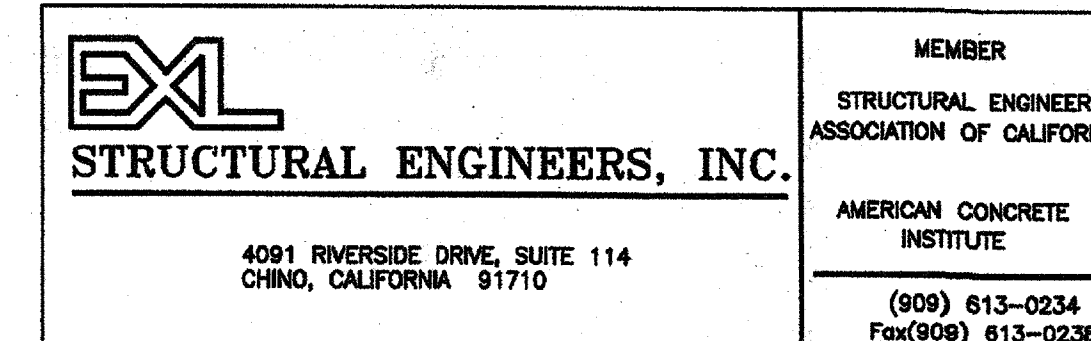
TMP SERVICES

2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 (951) 213-3900
 FAX (951) 213-3997

PC 04-113584
 ACCESSIBLE RAMPS/
 LANDINGS/STAIRS

STATE OF CALIFORNIA -
 2012 IBC/2013 CBC

PROPRIETARY DESIGN: THIS DRAWING AND THE MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF TMP SERVICES, INC. AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND CONSENT OF TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES, INC.



Sheet No	Description	Dated	Revised
1	COVER SHEET	28 JULY 2014	
2	ACCESSIBLE RAMP ELEVATIONS & DETAILS	28 JULY 2014	
3	ACCESSIBLE RAMP DETAILS & NOTES	28 JULY 2014	
4	DETAILS & NOTES	28 JULY 2014	
5	ACCESSIBLE RAMP SWITCH BACK DETAILS	28 JULY 2014	
6	STAIRS - OPTIONAL	28 JULY 2014	
7	ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK	28 JULY 2014	
8	ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS	28 JULY 2014	

NOTES:

LOADS:

- RAMP LIVE LOAD = 100 PSF
- NO SNOW LOADING
- NO FLOOD LOADING
- WIND:
WIND SPEED = 130 MPH
RISK CATEGORY = II
EXPOSURE = C
K_{zt} = 1.0
WIND DESIGN PER ASCE 7-10 CHAPTER 29
- SEISMIC:
RISK CATEGORY = II
I_e = 1.25
S_s = 3.73
S₁ = 1.30
SITE CLASS = D
S_{DS} = 2.487
C_s = 0.932 (ASCE 7-10 EQUATION 15.4-5)
R = 3.25 (ASCE 7-10 TABLE 15.4-1)

6. ALLOWABLE SOIL BEARING = 1000 PSF

CODES: (TITLE 24 CODES)

- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC)...(PART 1, TITLE 24, CCR)
- 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR) (2012 EDITION INTERNATIONAL BUILDING CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2012 EDITION INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA GREEN CODE (CFC), (PART 9, TITLE 24, CCR)
- 2013 CALIFORNIA REFERENCED CODE, (PART 12, TITLE 24, CCR)
NFPA 13 2013
NFPA 72 2013
- 2013 CODE SECTIONS FOR APPLICABLE STANDARDS
2013 CBC, CHAPTER 35
2013 CFC, CHAPTER 45

IDENTIFICATION STAMP
 DIV OF THE STATE ARCHITECT
 A 03 117210
 AC/FLS/MS
 Date JUL 7 8 2014

IDENTIFICATION STAMP
 DIV OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 113584
 AC/FLS/MS
 DATE AUG 05 2014
 ACS: R. MULLON
 FLS: P. FOLSON
 SS: GARY LAM FOR K. ROBERTS

REVISIONS

PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT
 APPLICATION FOR CONSTRUCTION
 IS REQUIRED

DATE SIGNED
 JUL 28 2014

DATE SIGNED
 JUL 28 2014

COVER SHEET

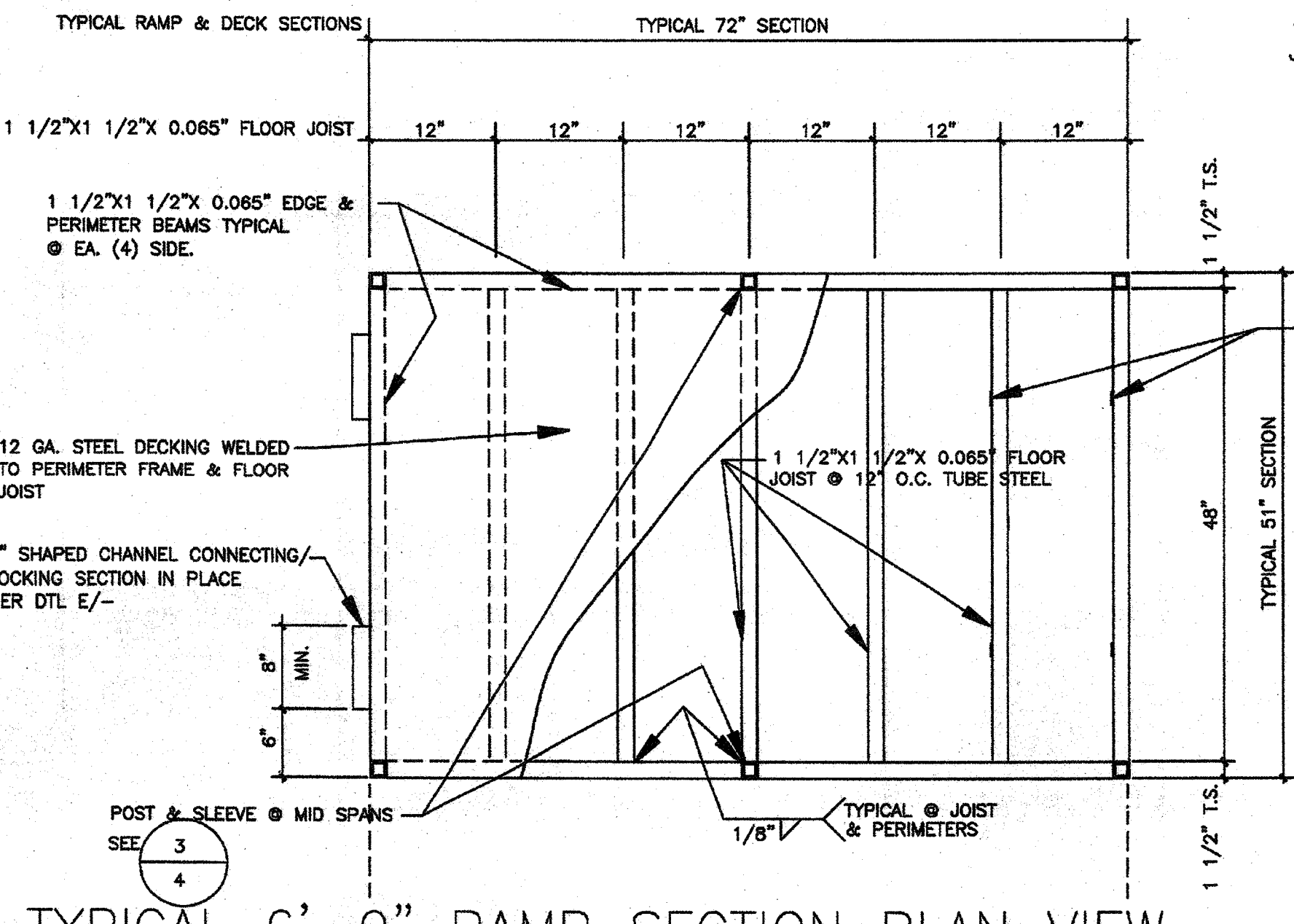
TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951) 213-3900
 FAX: (951) 213-3997

SCANNED

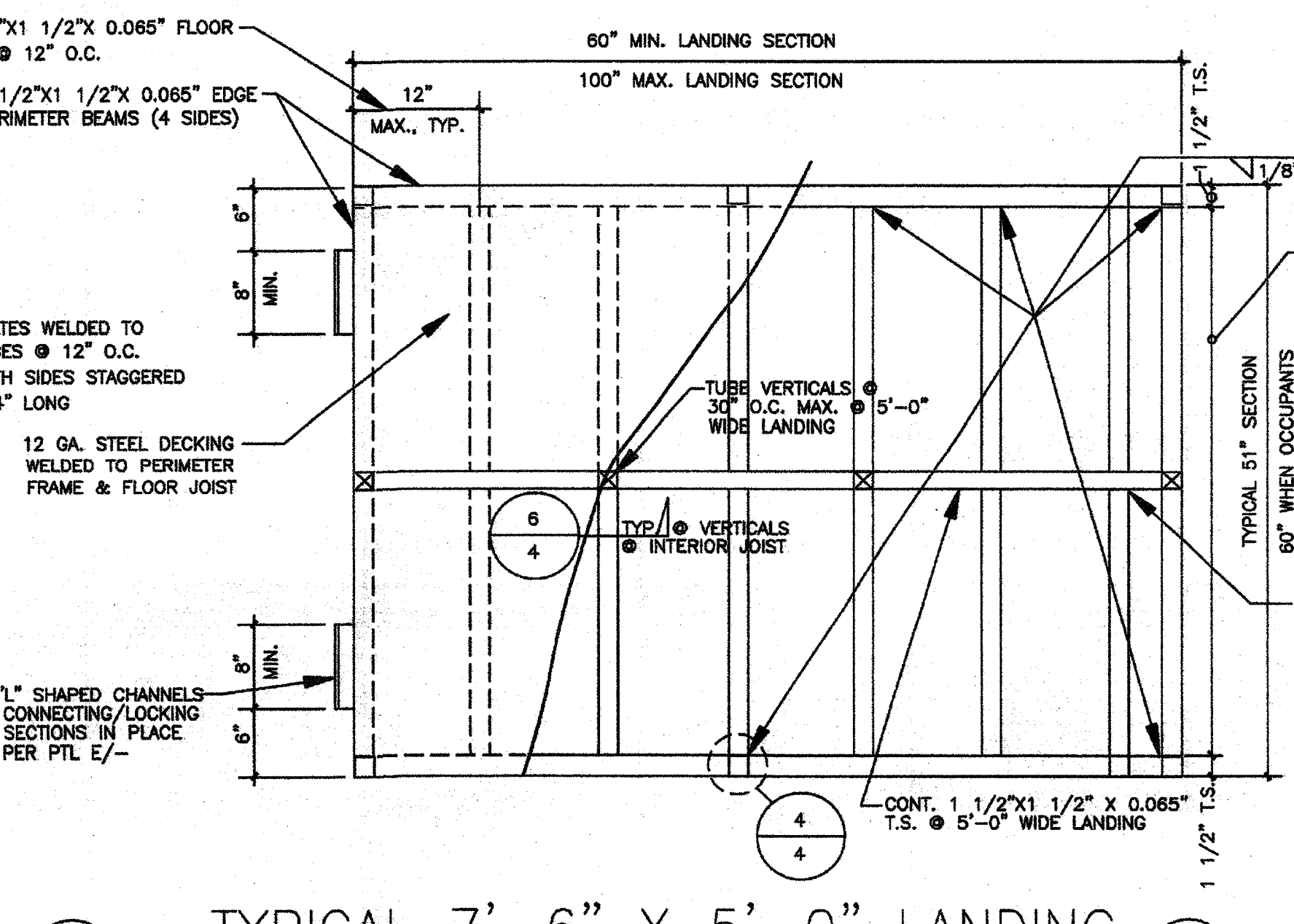
SITE:

STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

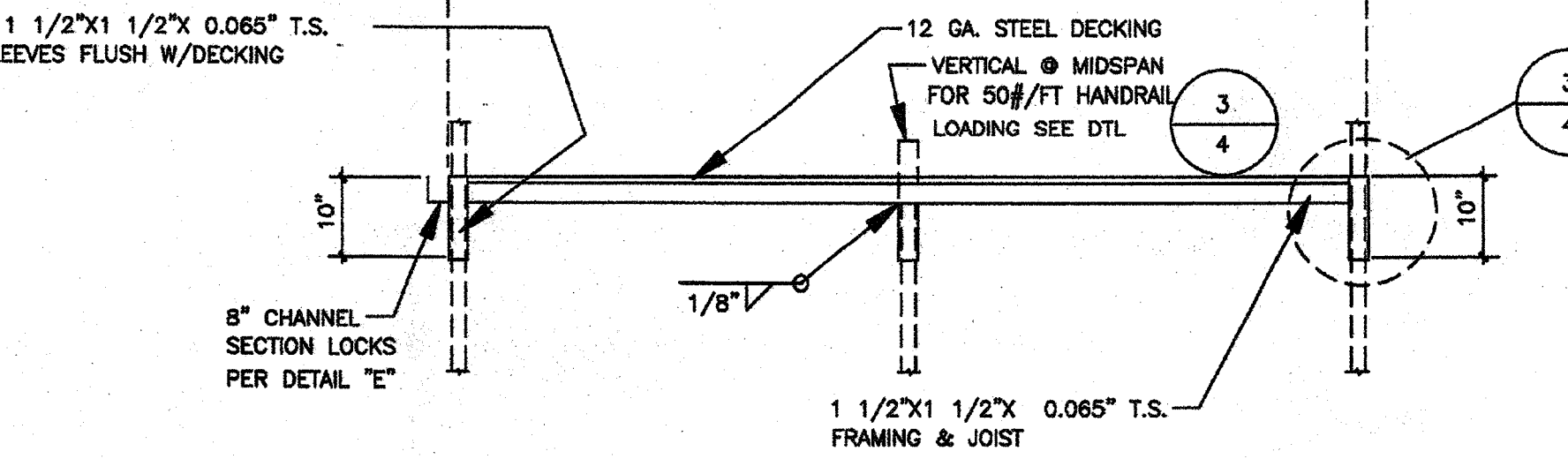
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 CHECKED
 DATE
 28 JULY 2014
 SCALE
 JOB NO.
 1
 OF 8 SHEETS



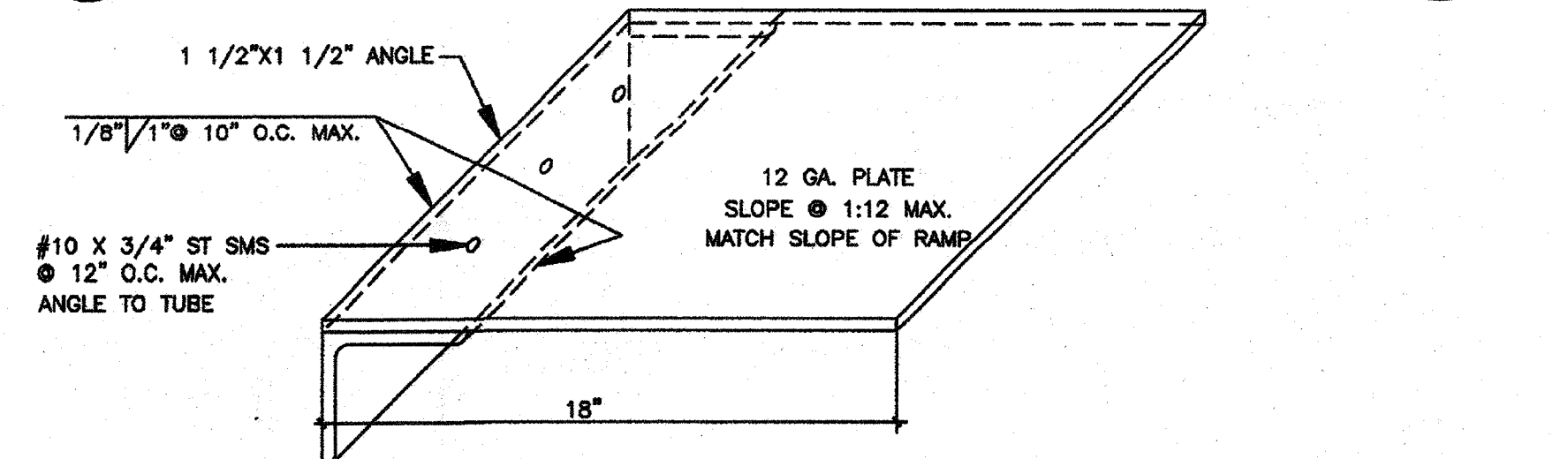
TYPICAL 6'-0" RAMP SECTION PLAN VIEW
SCALE: 3/4" = 1'-0"



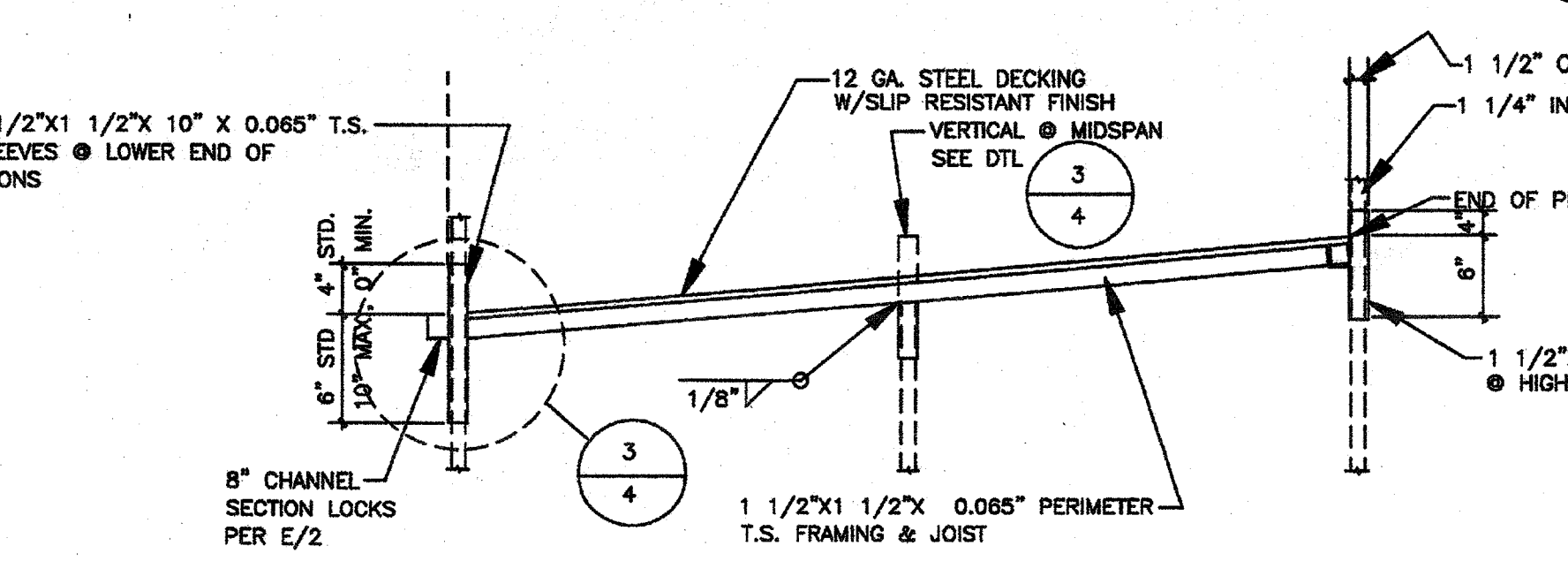
TYPICAL 7'-6" X 5'-0" LANDING
SCALE: 3/4" = 1'-0"



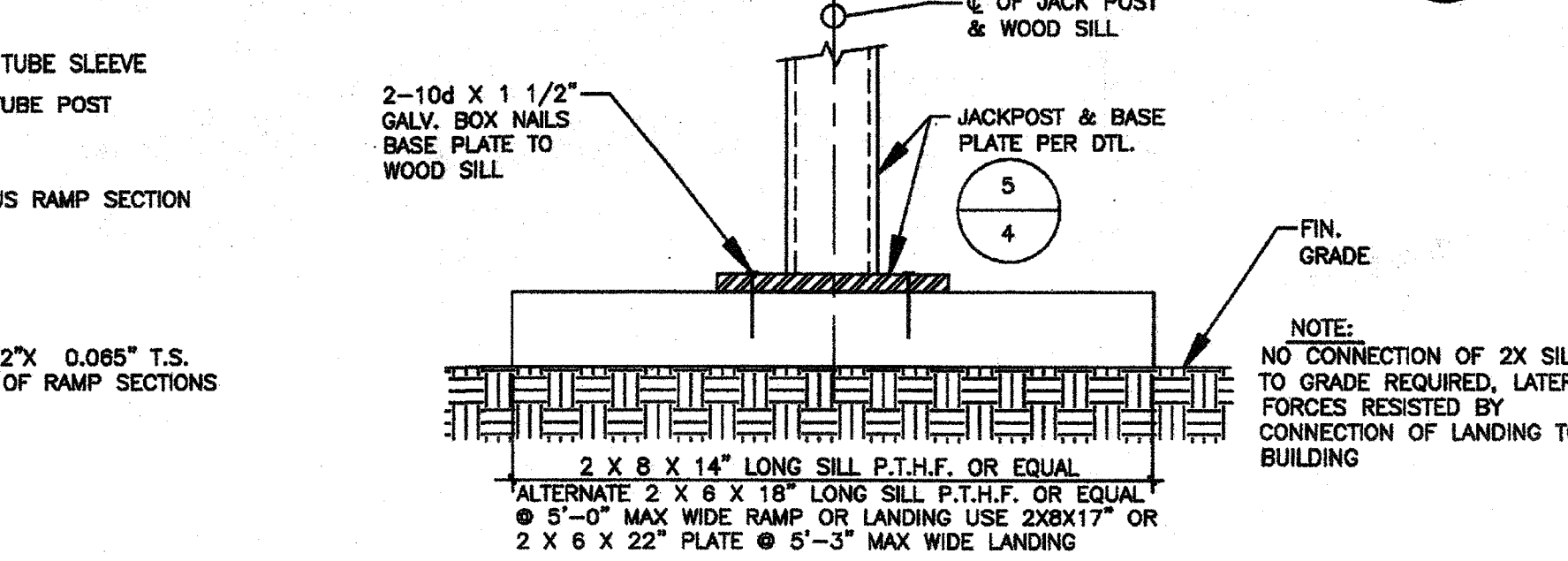
SIDE/END VIEW OF LEVEL DECK SECTION
SCALE: 3/4" = 1'-0"



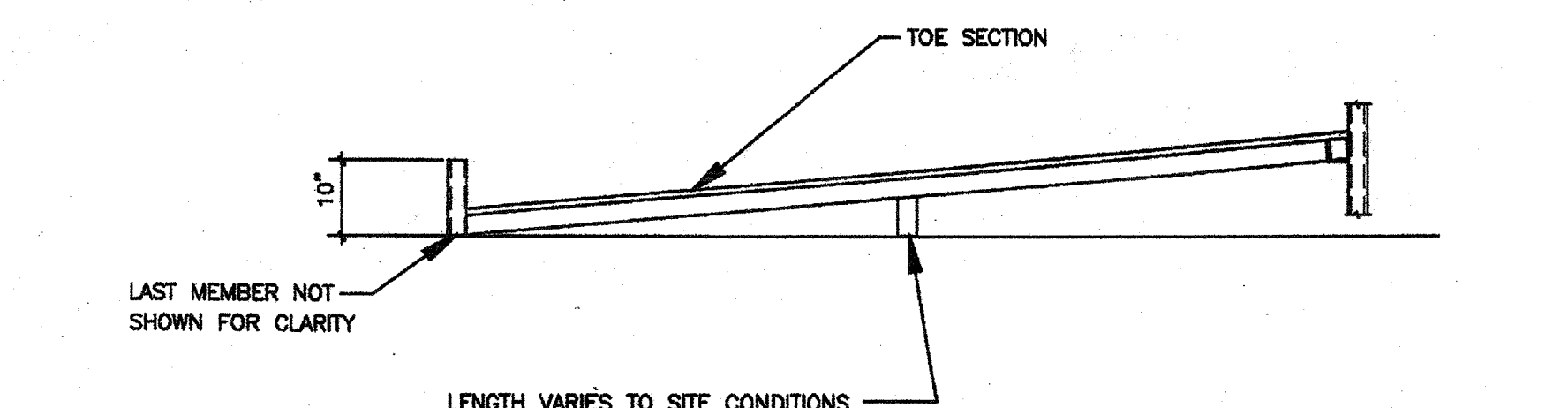
OPTIONAL TOE PLATE
SCALE: 3/4" = 1'-0"



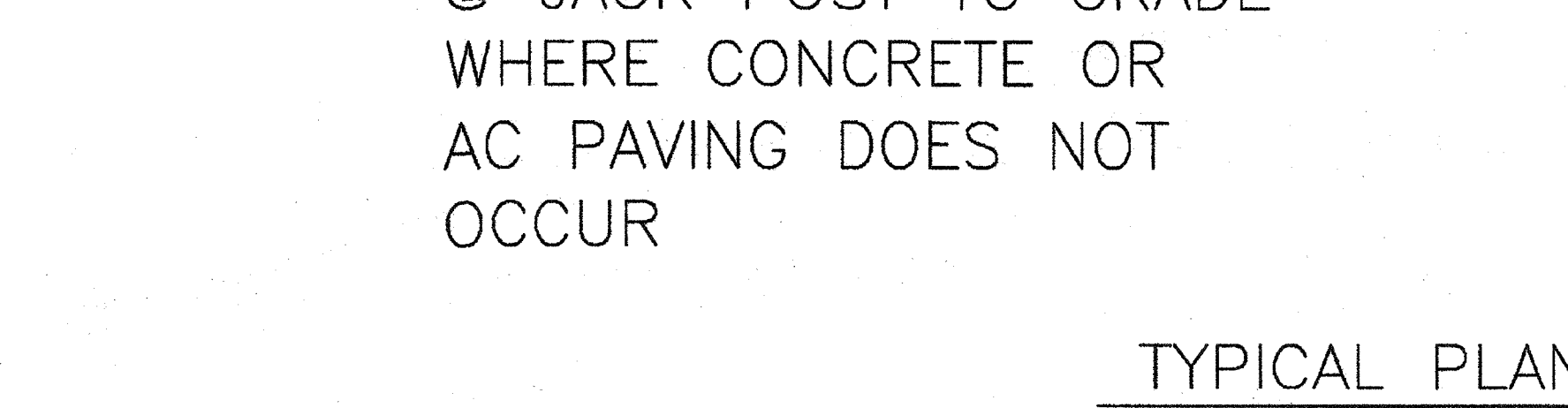
SIDE VIEW OF SLOPING RAMP SECTION TYPICAL
SCALE: 3/4" = 1'-0"



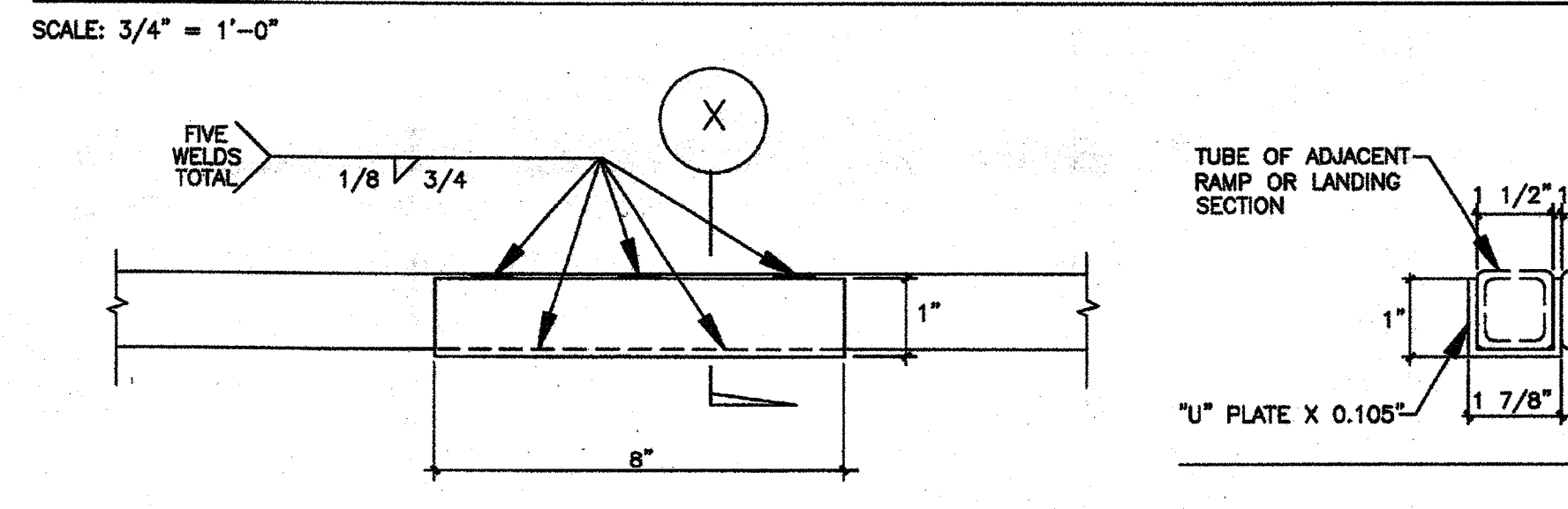
ALTERNATE WOOD SILLS @ JACK POST TO GRADE WHERE CONCRETE OR AC PAVING DOES NOT OCCUR
SCALE: 3/4" = 1'-0"



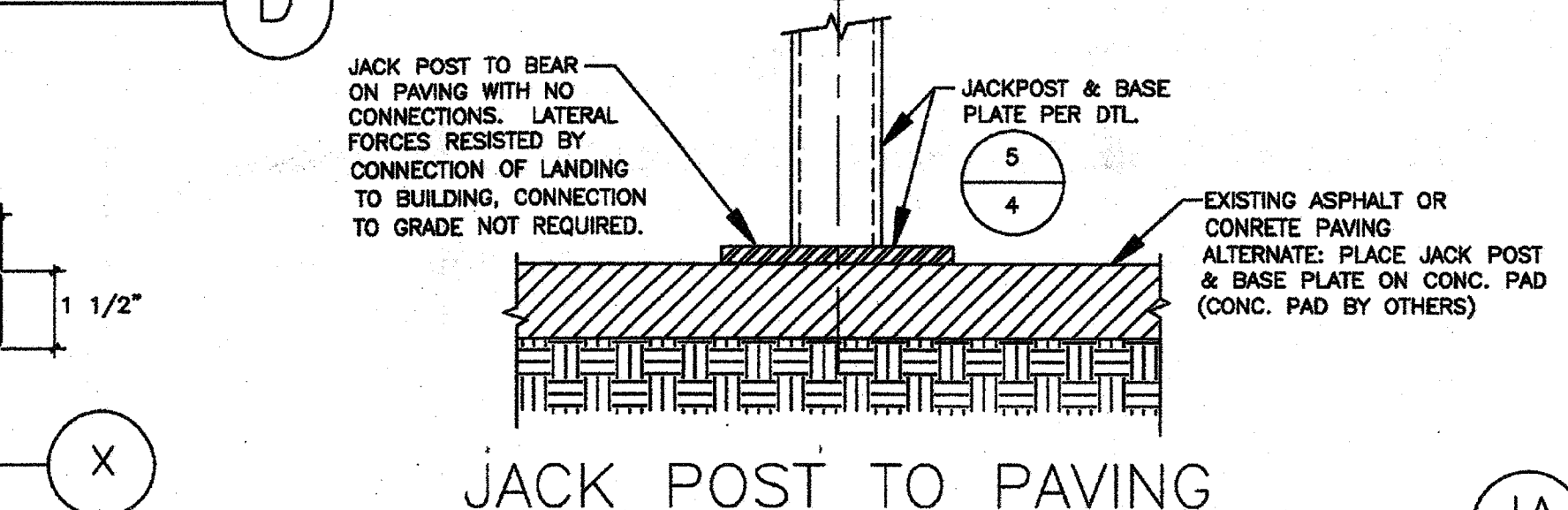
TOE SECTION
SCALE: 3/4" = 1'-0"



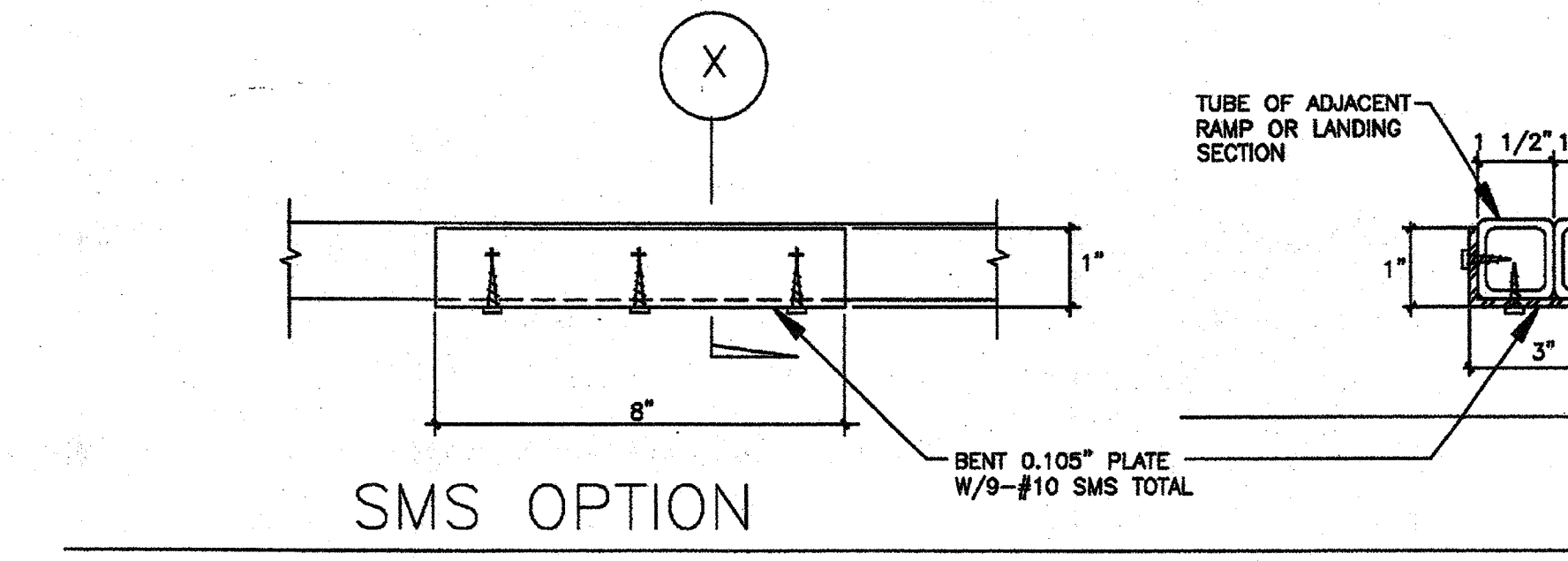
JACK POST TO PAVING
SCALE: 3/4" = 1'-0"



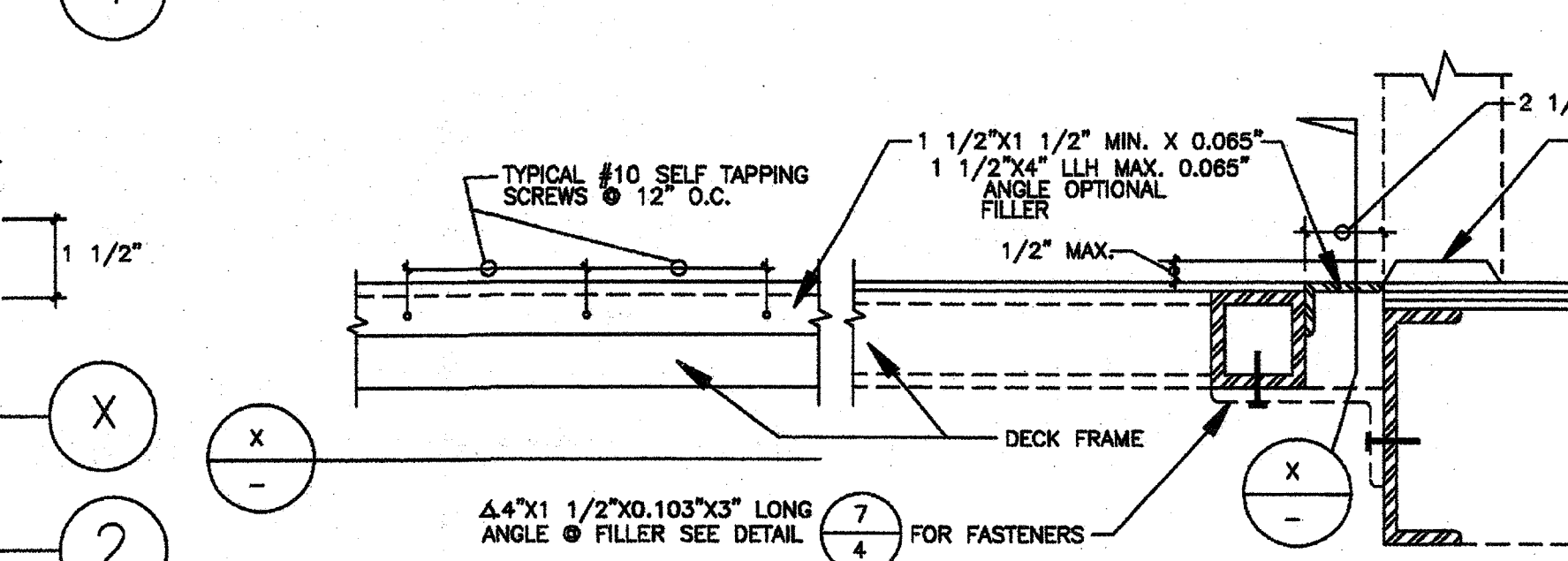
WELDED OPTION
SCALE: 3/4" = 1'-0"



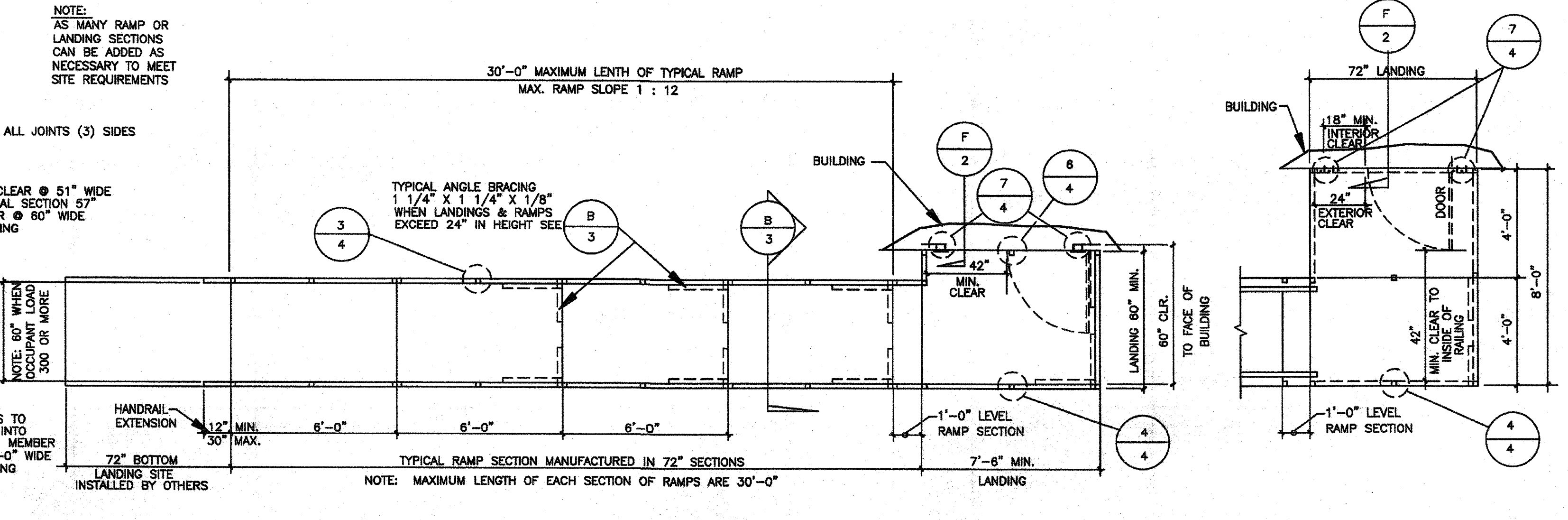
FILLER DETAIL
SCALE: 3/4" = 1'-0"



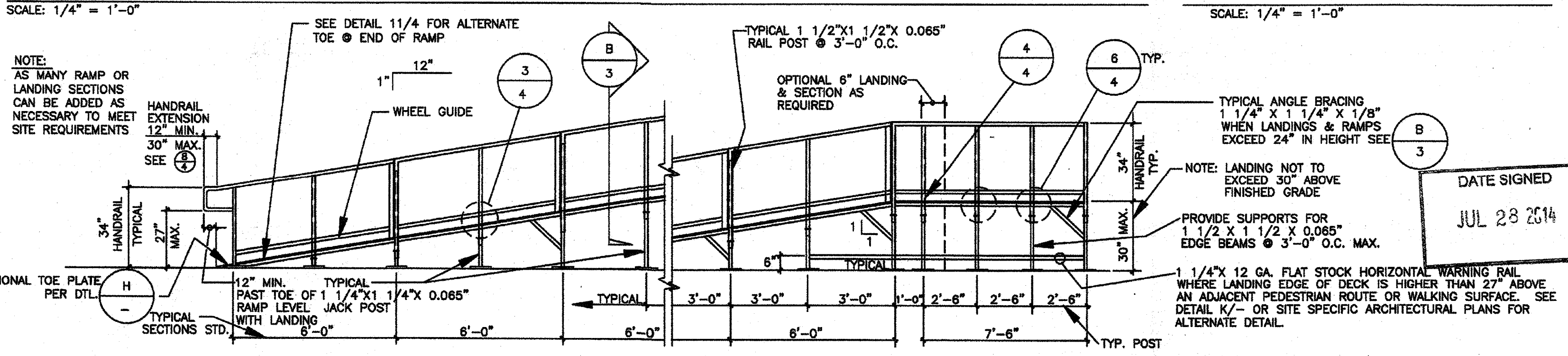
8" CHANNEL SECTION
SCALE: 3/4" = 1'-0"



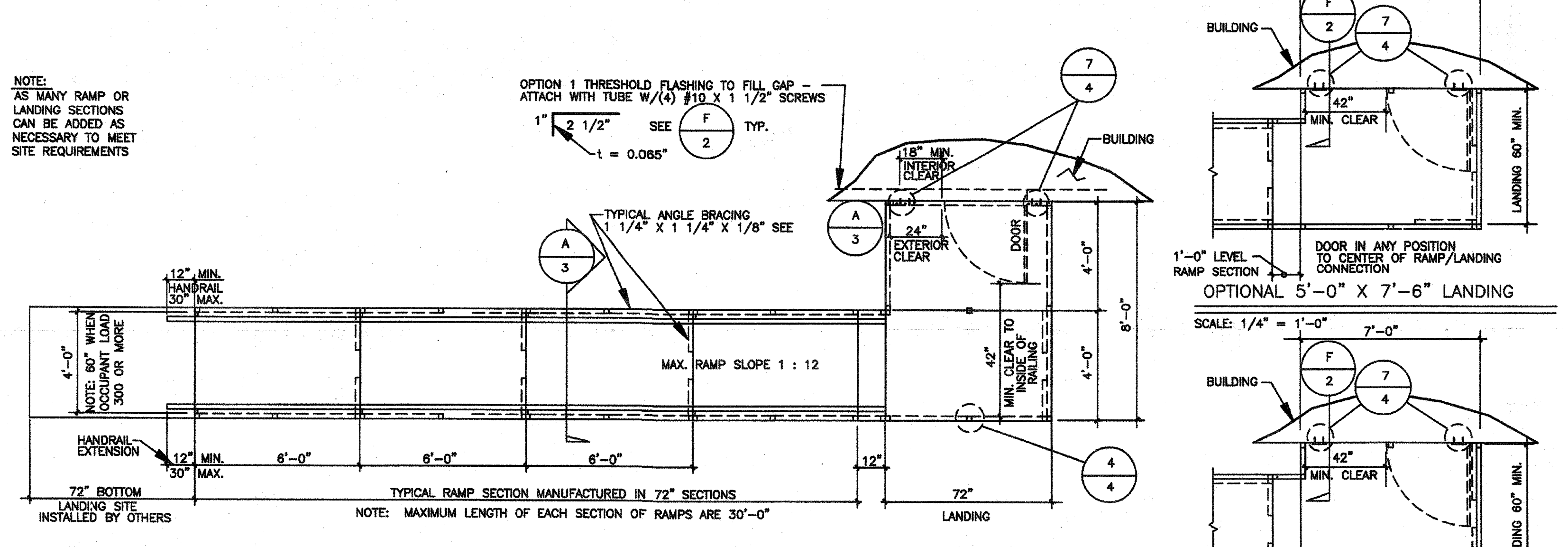
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN
SCALE: 1/4" = 1'-0"



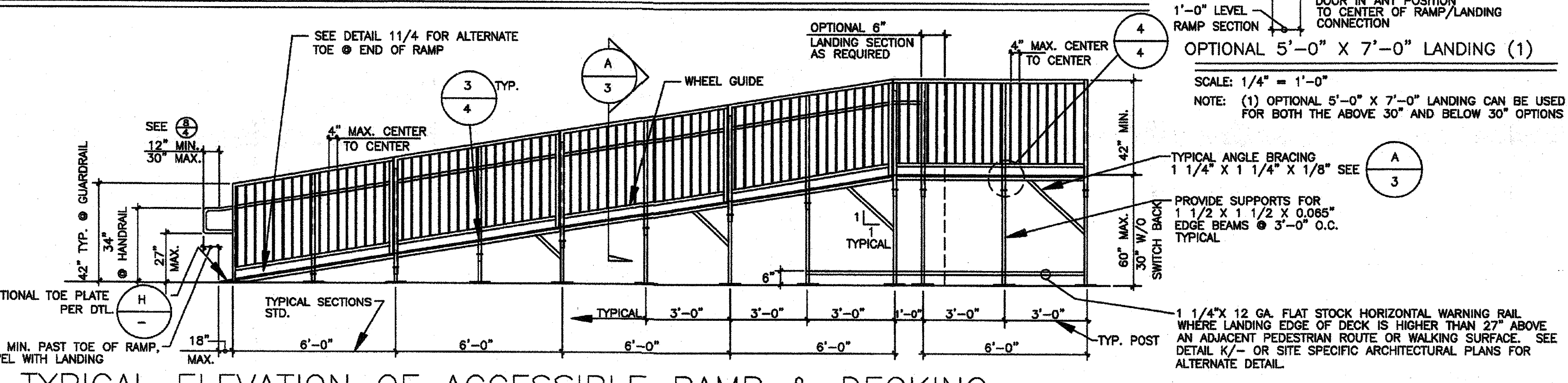
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT
SCALE: 1/4" = 1'-0"



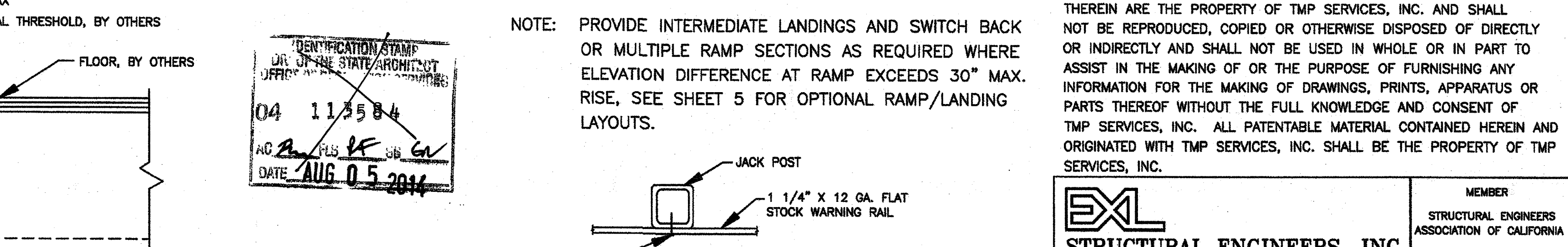
TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS
SCALE: 1/4" = 1'-0"



TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN
SCALE: 1/4" = 1'-0"



TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING
SCALE: 1/4" = 1'-0"



OPTIONAL 5'-0" X 7'-0" LANDING (1)
SCALE: 1/4" = 1'-0"

NOTE: AS MANY RAMP OR LANDING SECTIONS CAN BE ADDED AS NECESSARY TO MEET SITE REQUIREMENTS

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REVISIONS	BY

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



ACCESSIBLE RAMP ELEVATIONS & DETAILS
T.M.P. SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

DATE SIGNED
JUL 28 2014

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

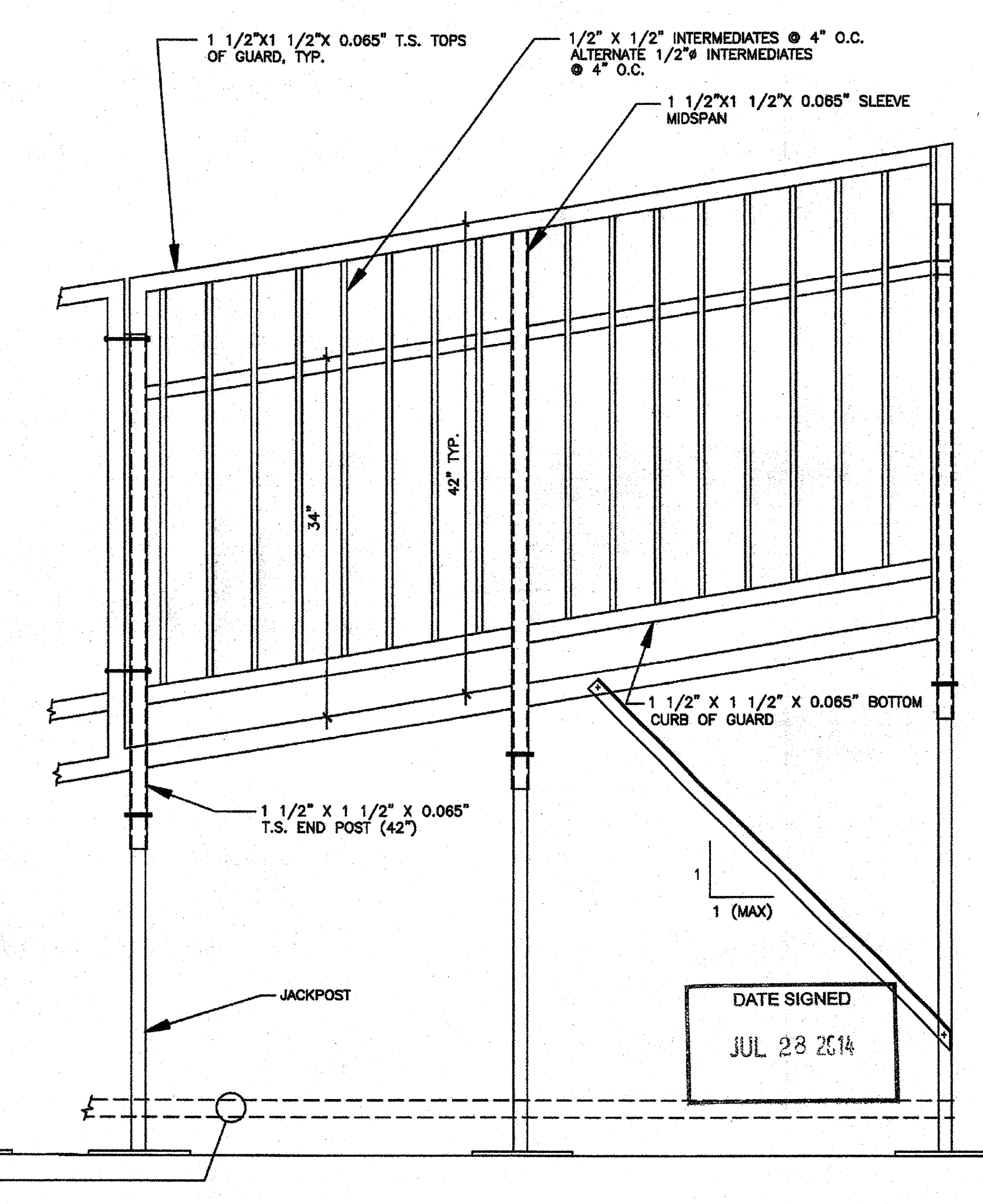
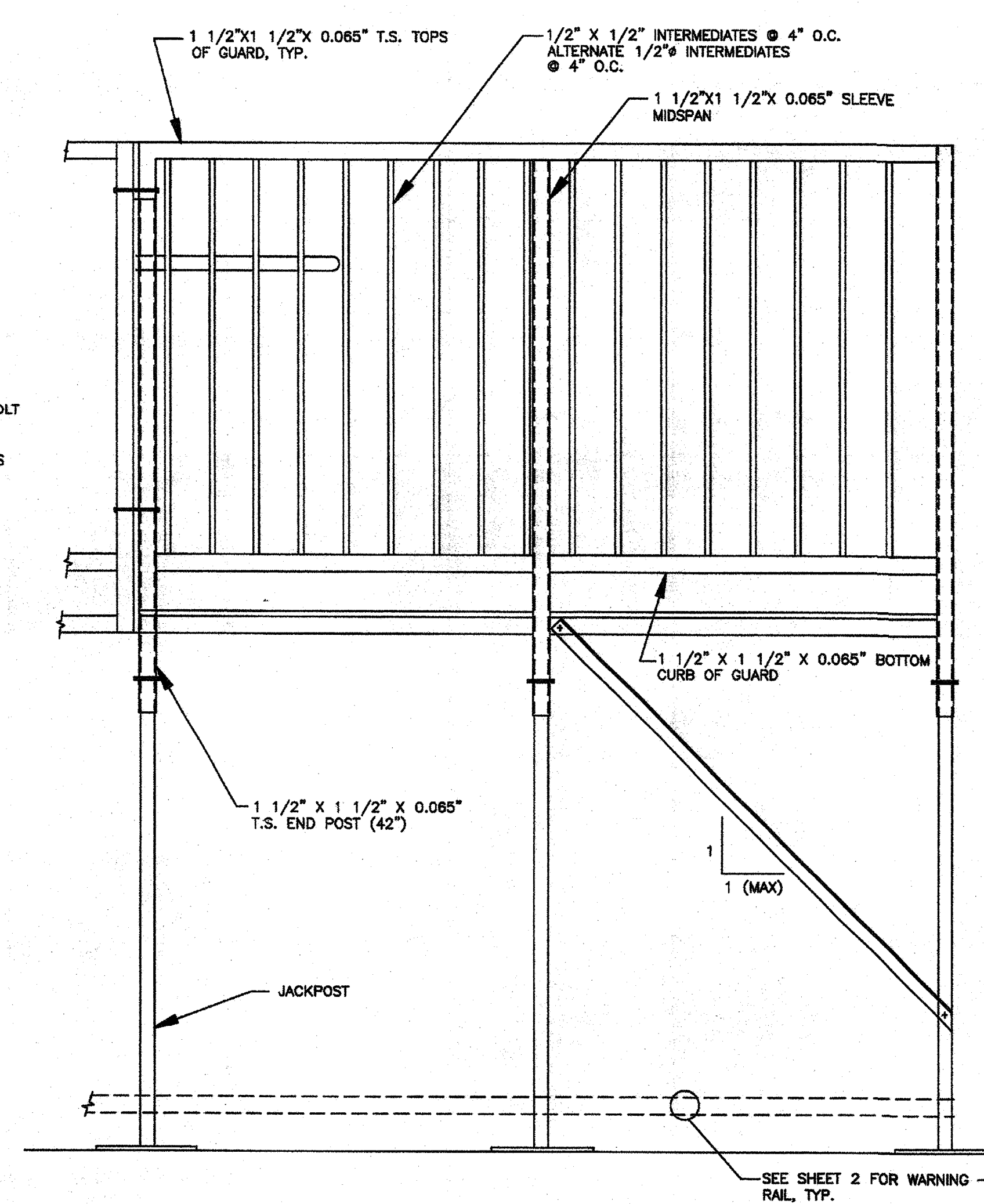
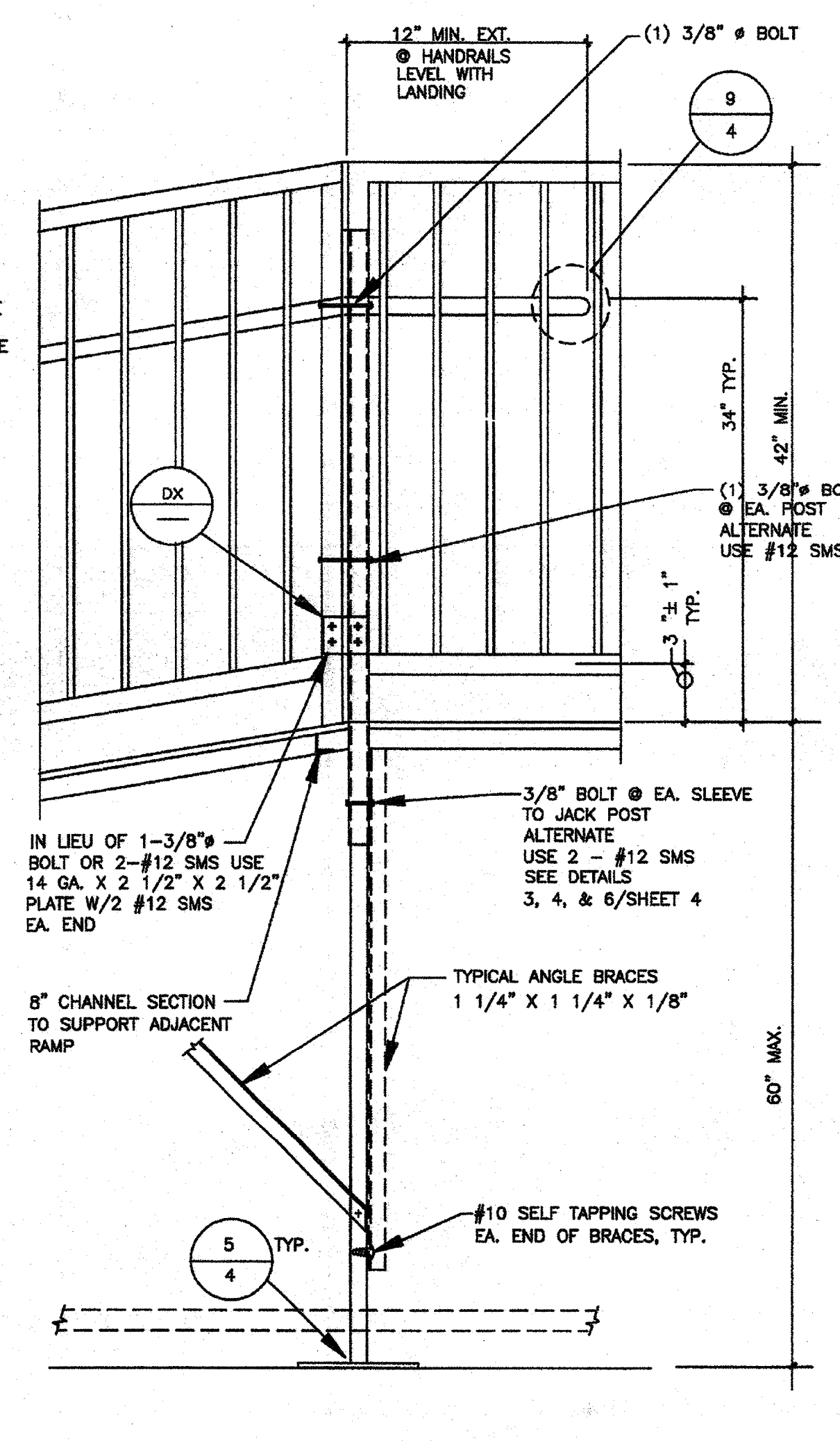
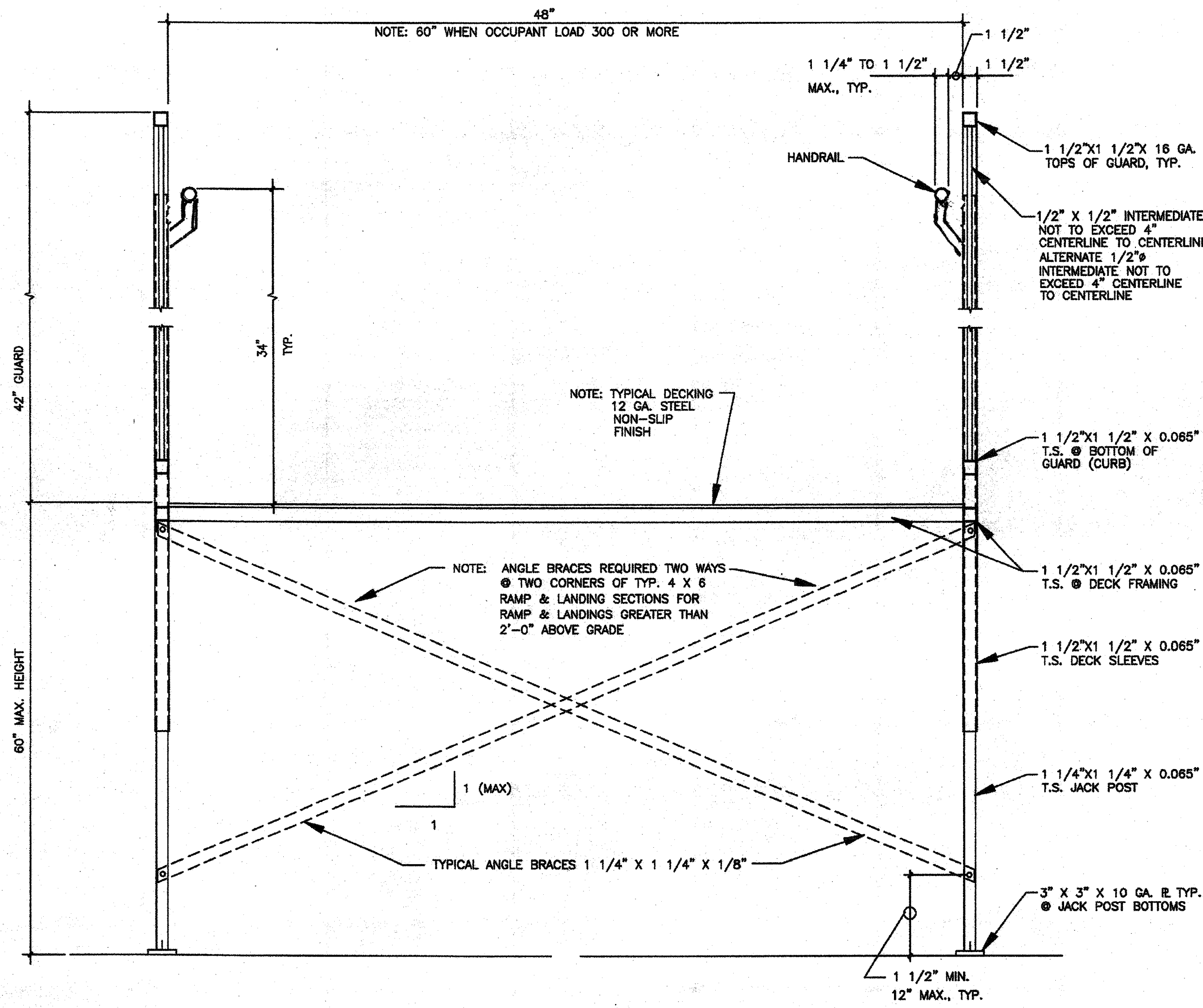
03 117210
AC FLS MISS
Date JUL 18 2014

SITE:
STATE OF CALIFORNIA
PC 04-113584-2013 CBC

DRAWN
CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.
MEMBER
STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE INSTITUTE
2
OF 8 SHEETS

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EXL
STRUCTURAL ENGINEERS, INC.
4081 RIVERSIDE DRIVE, SUITE 114
CIRING, CALIFORNIA 91710
(909) 613-0234
Fax(909) 613-0238

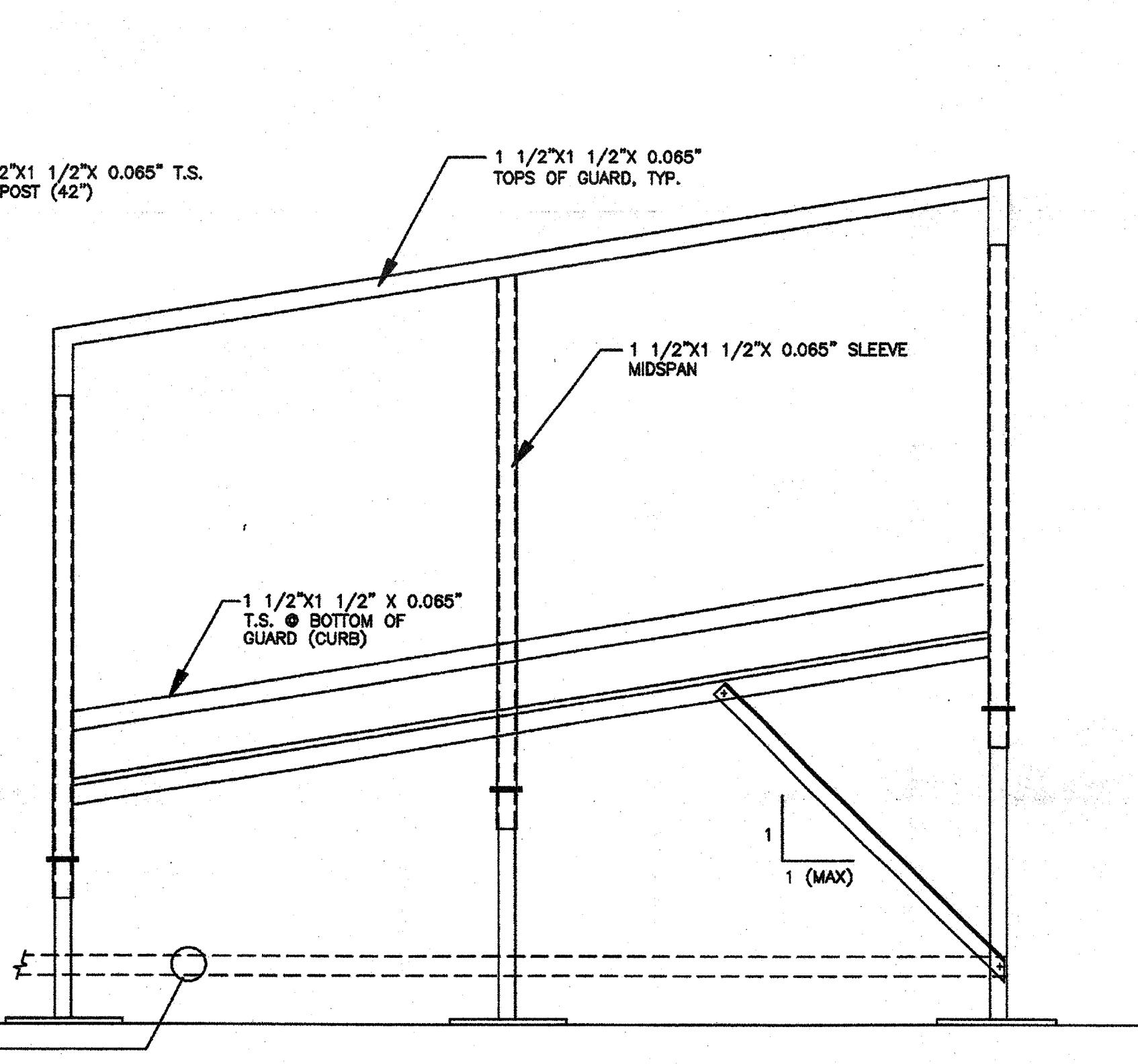
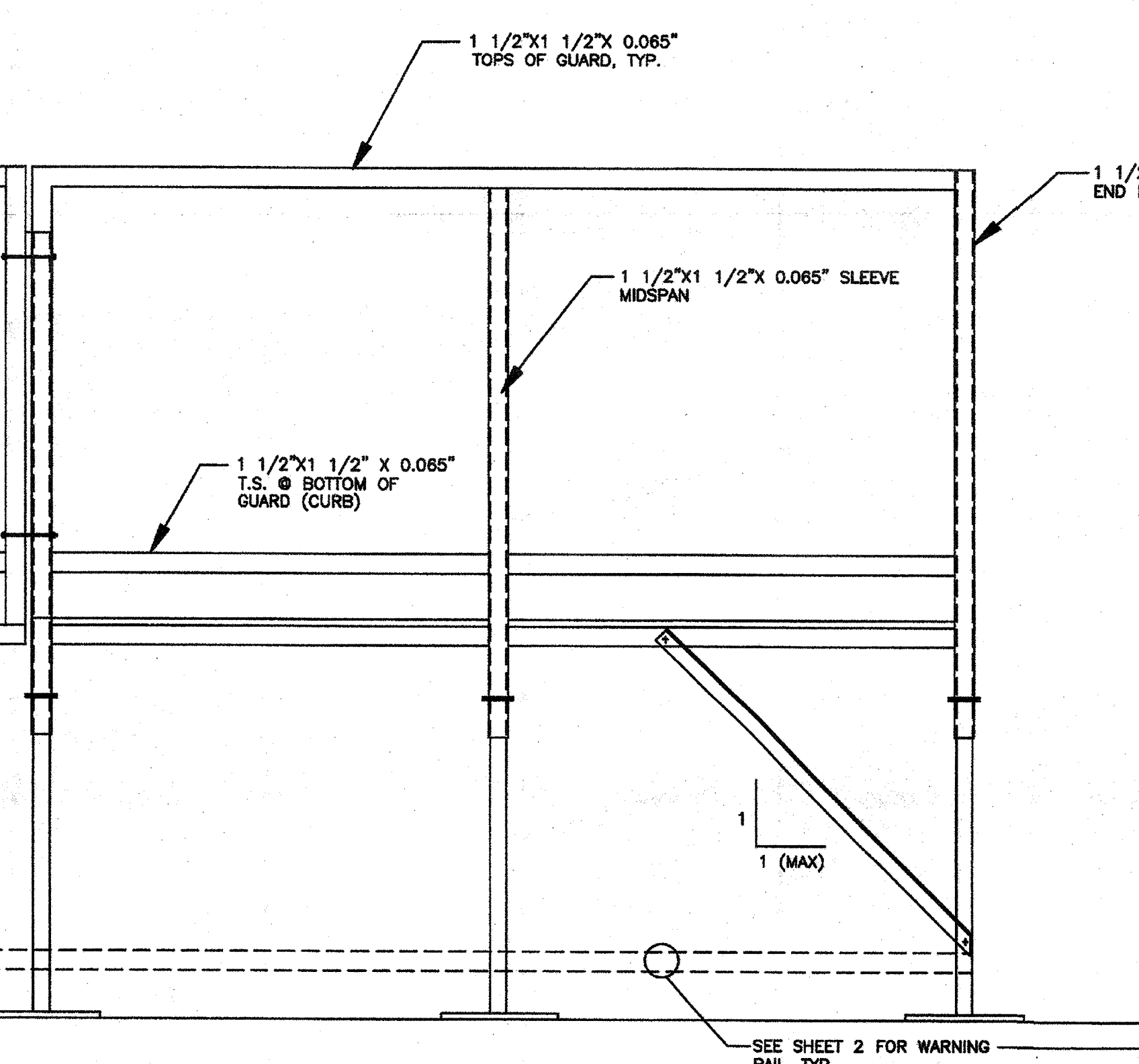
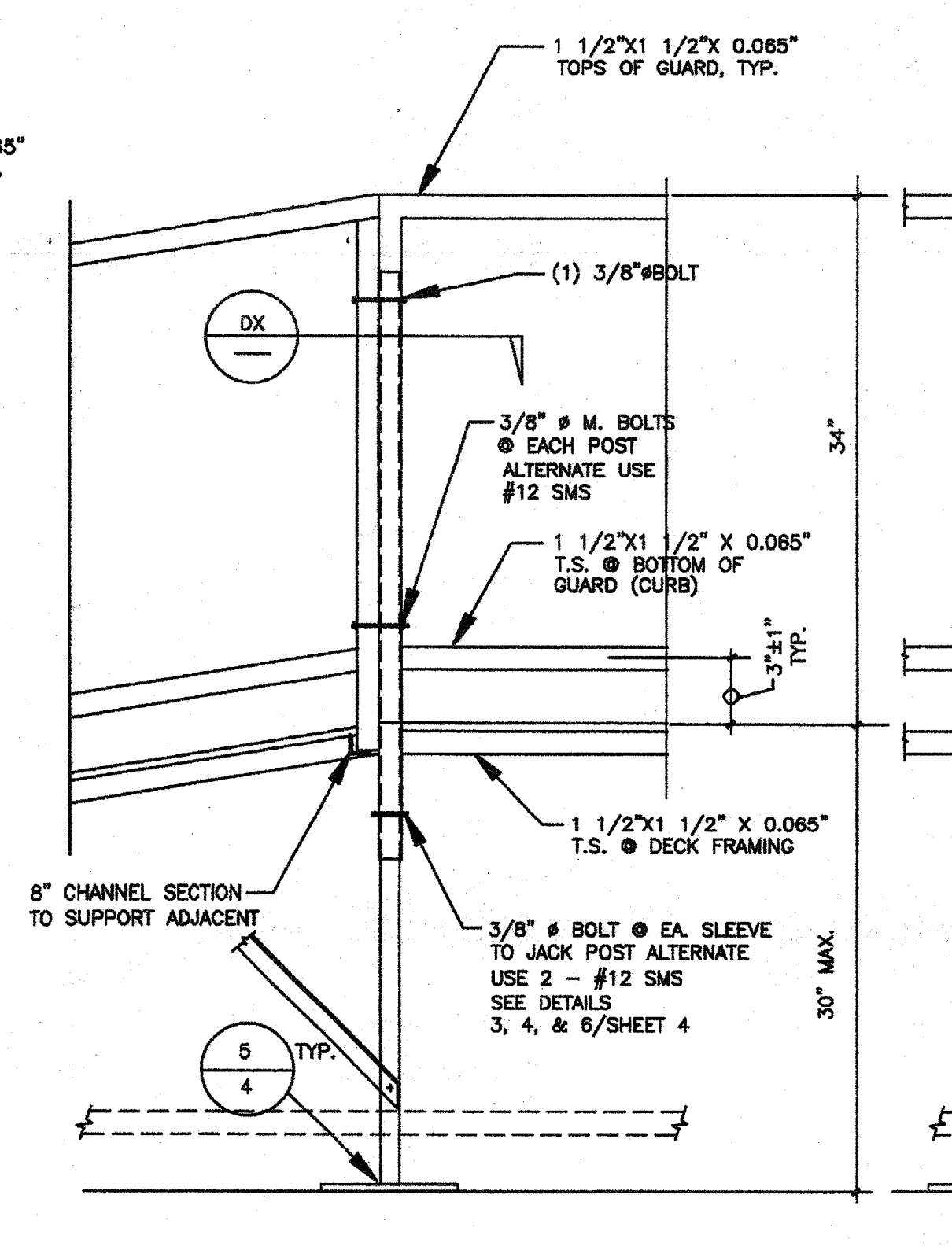
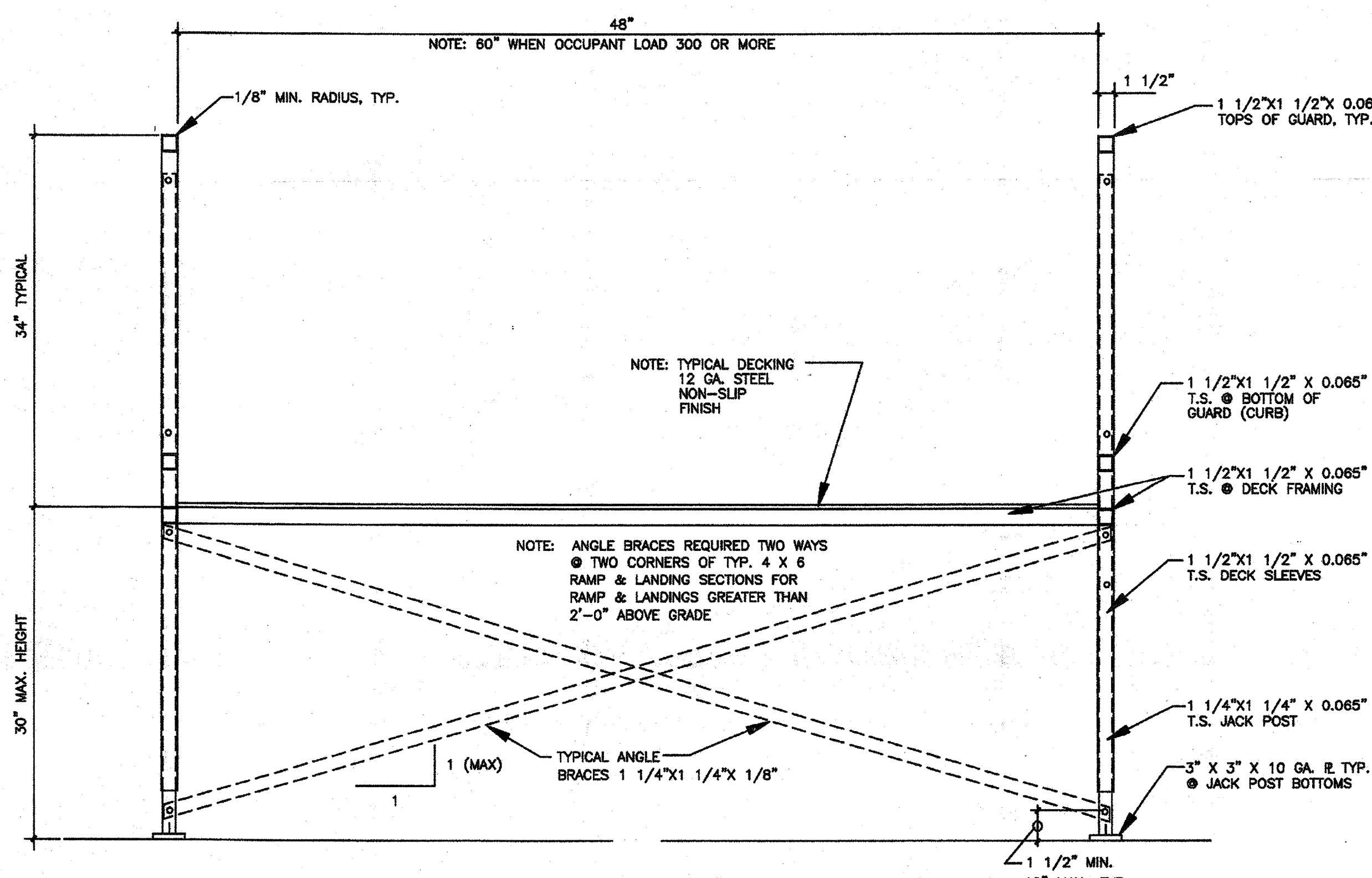


A TYPICAL CROSS SECTIONS +30"
SCALE: 1" = 1'-0"

C POST SECTION +30"
SCALE: 1" = 1'-0"

E LANDING RAIL LAYOUT +30"
SCALE: 1" = 1'-0"

G RAMP RAILING LAYOUT +30"
SCALE: 1" = 1'-0"

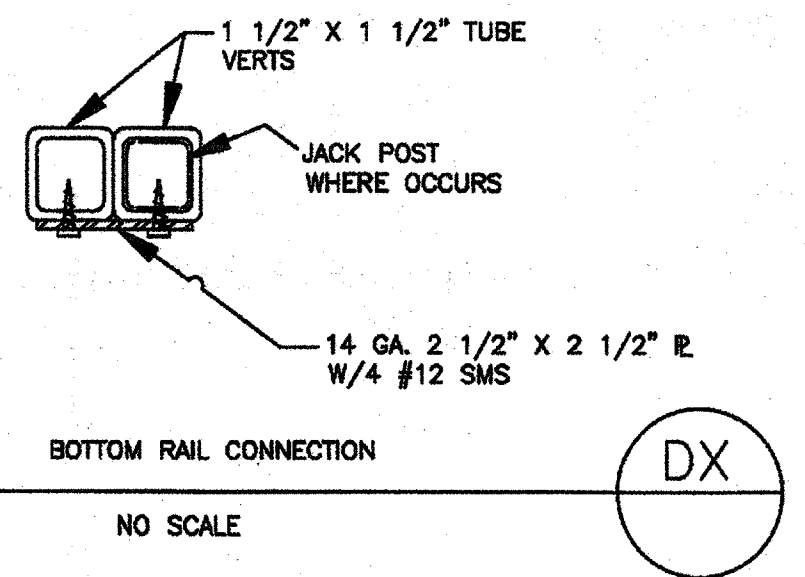


B TYPICAL CROSS SECTIONS -30"
SCALE: 1" = 1'-0"

D POST SECTION -30"
SCALE: 1" = 1'-0"

F LANDING RAIL LAYOUT -30"
SCALE: 1" = 1'-0"

H RAMP RAILING LAYOUT -30"
SCALE: 1" = 1'-0"



DX BOTTOM RAIL CONNECTION
NO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 03 117 210
AC/FLS M/S S JH
Date JUL 18 2014

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF THE ARCHITECT
AUG 05 2014

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EXL
STRUCTURAL ENGINEERS, INC.
481 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710

MEMBER
STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE INSTITUTE
(909) 613-0234
Fax(909) 613-0238

REVISIONS	BY

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REGISTERED PROFESSIONAL
STRUCTURAL ENGINEER
No. 3802
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

ACCESSIBLE RAMP
DETAILS & NOTES

STATE OF CALIFORNIA
PC 04-113584-2013 CBC

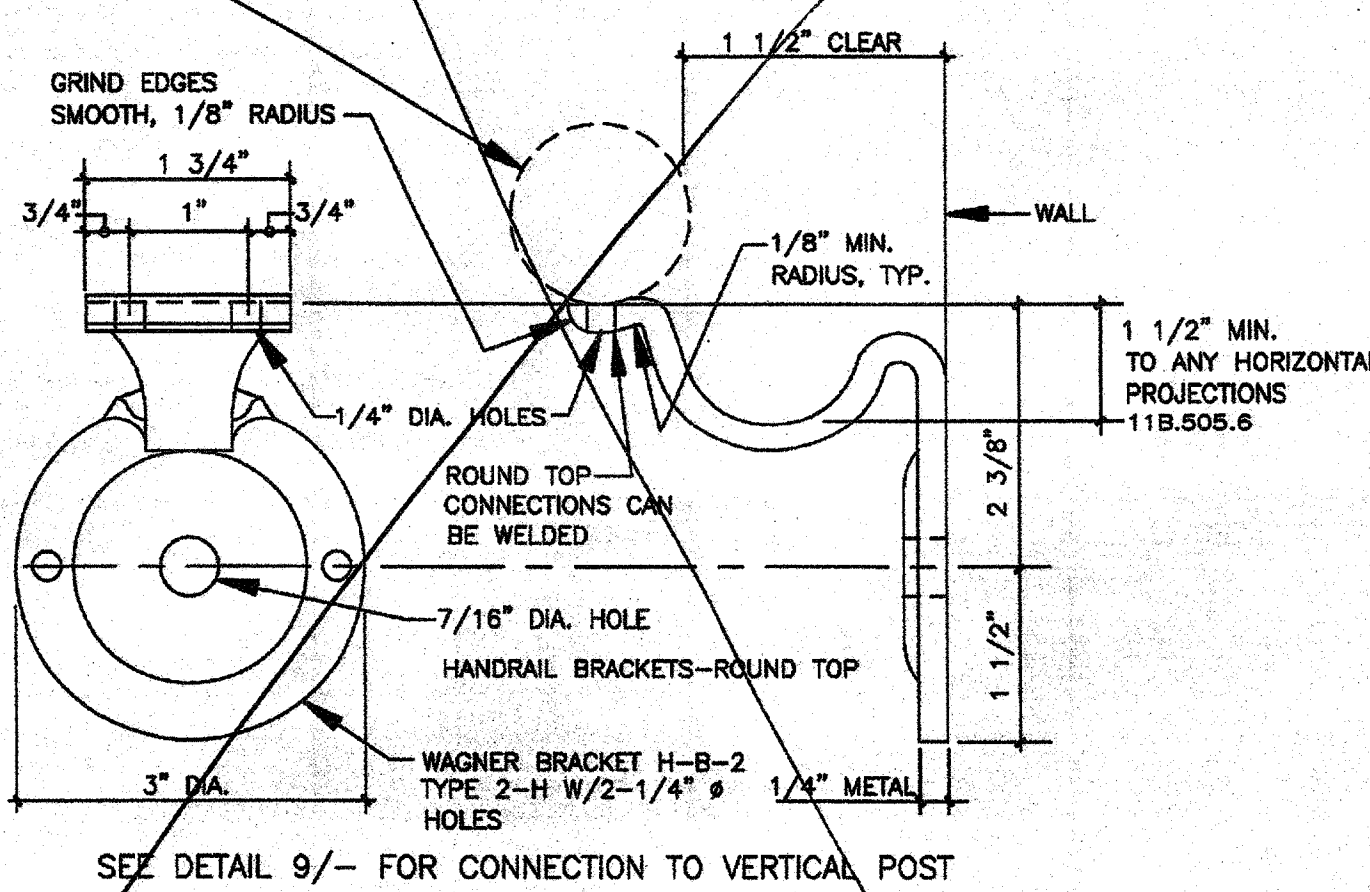
DATE SIGNED
JUL 23 2014

STATE OF CALIFORNIA
PC 04-113584-2013 CBC

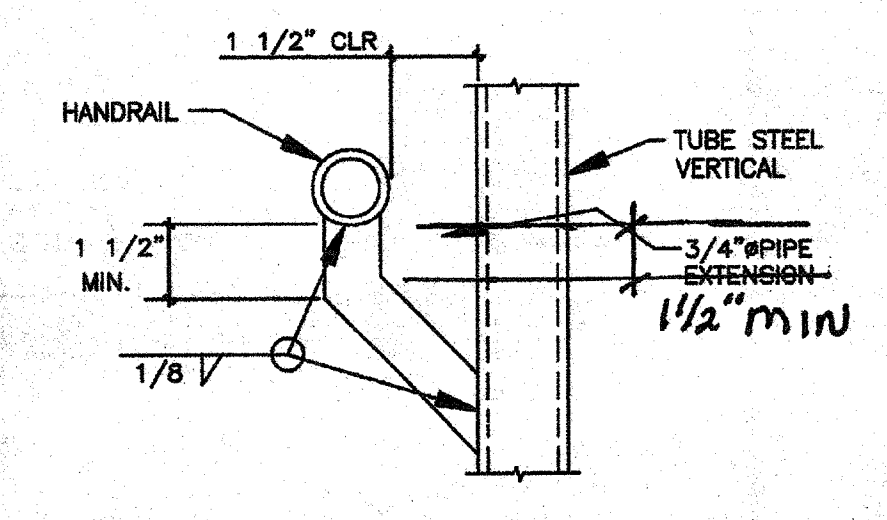
MEMBER
STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE INSTITUTE
(909) 613-0234
Fax(909) 613-0238

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CHECKED
DATE
28 JULY 2014
SCALE
JOB NO.
OF 8 SHEETS

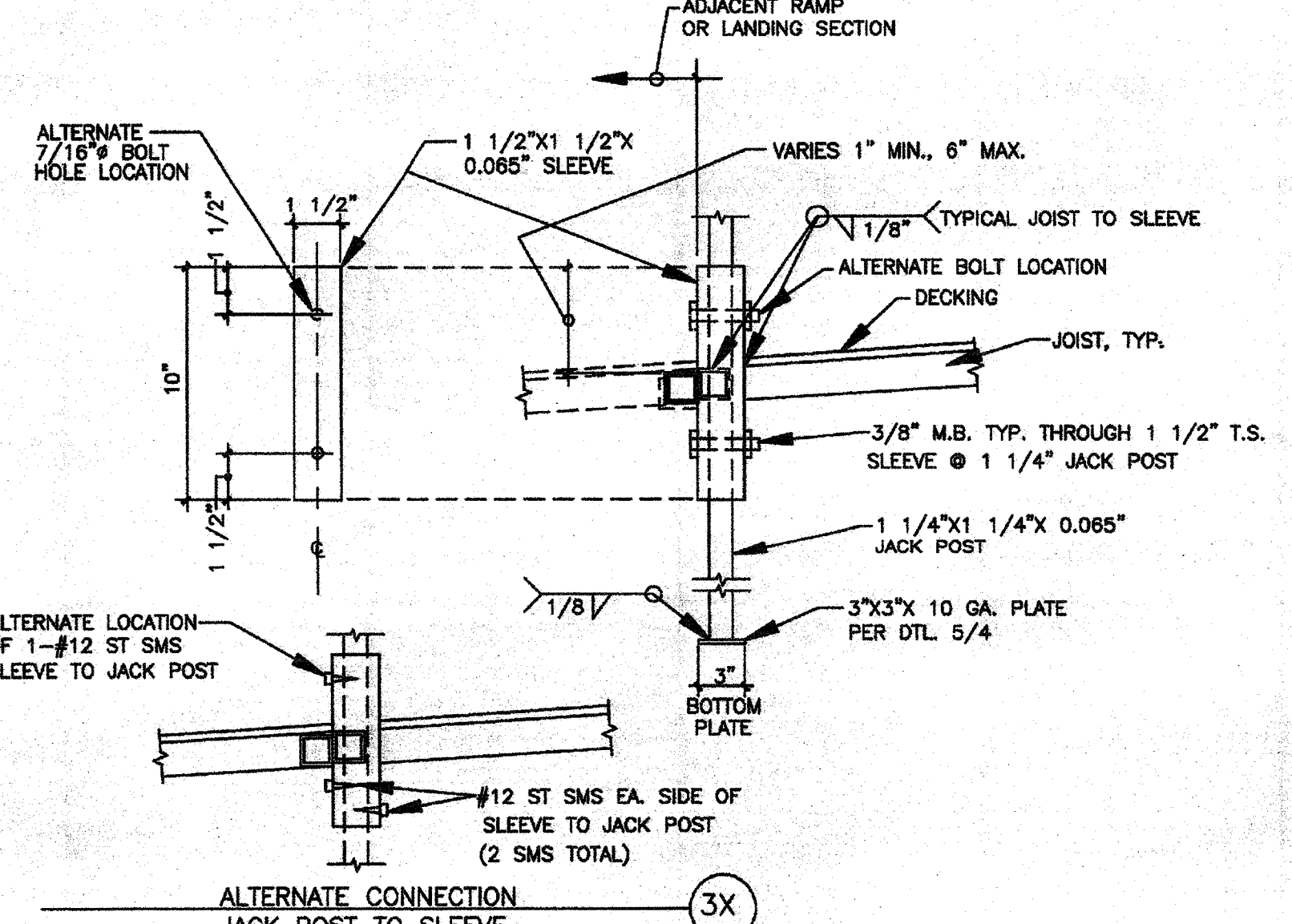
NOTE: HANDRAILS, THE GRIP PORTION SHALL NOT BE LESS THAN 1 1/4 INCHES OR MORE THAN 1 1/2 INCHES, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE AND ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS. ANY WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS, EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH.



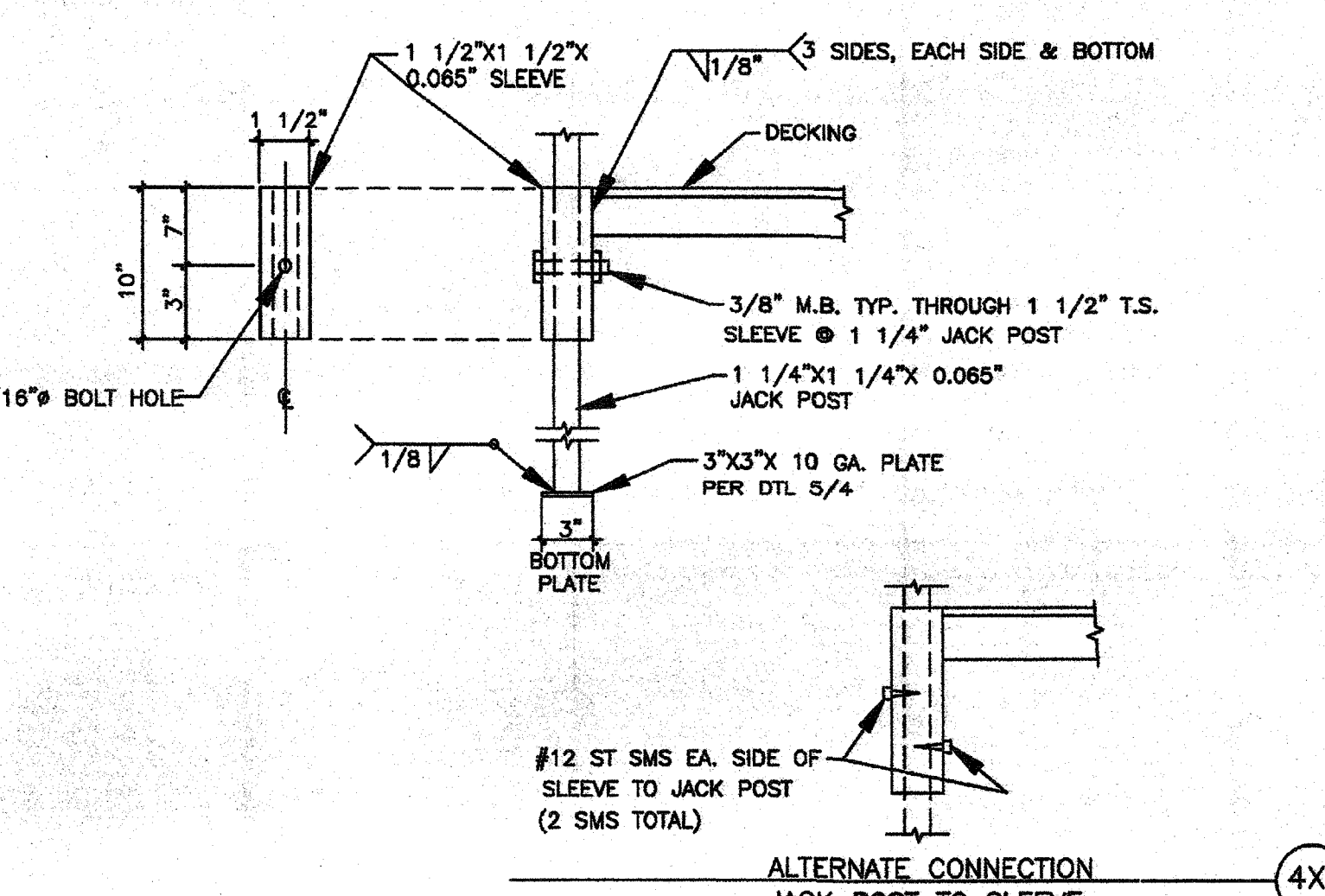
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OPTIONAL HANDRAIL ARMS



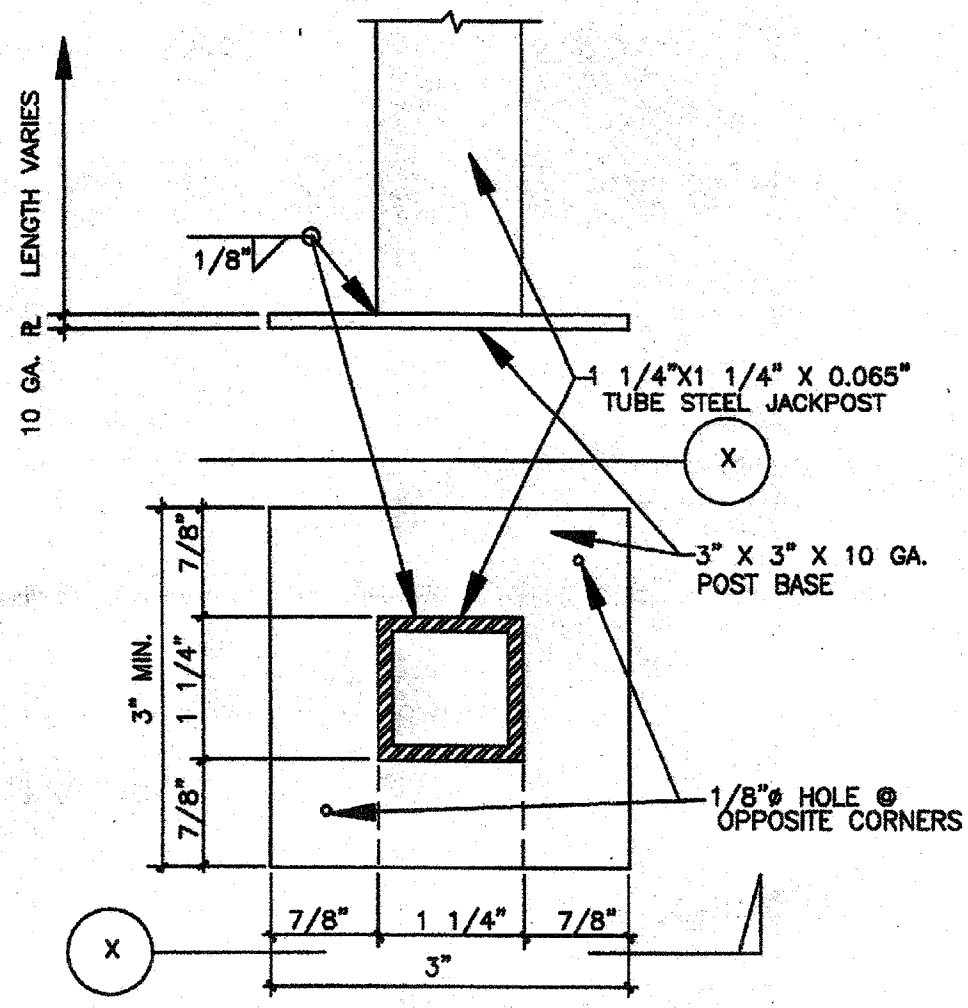
2 4
TYPICAL HANDRAIL ARMS



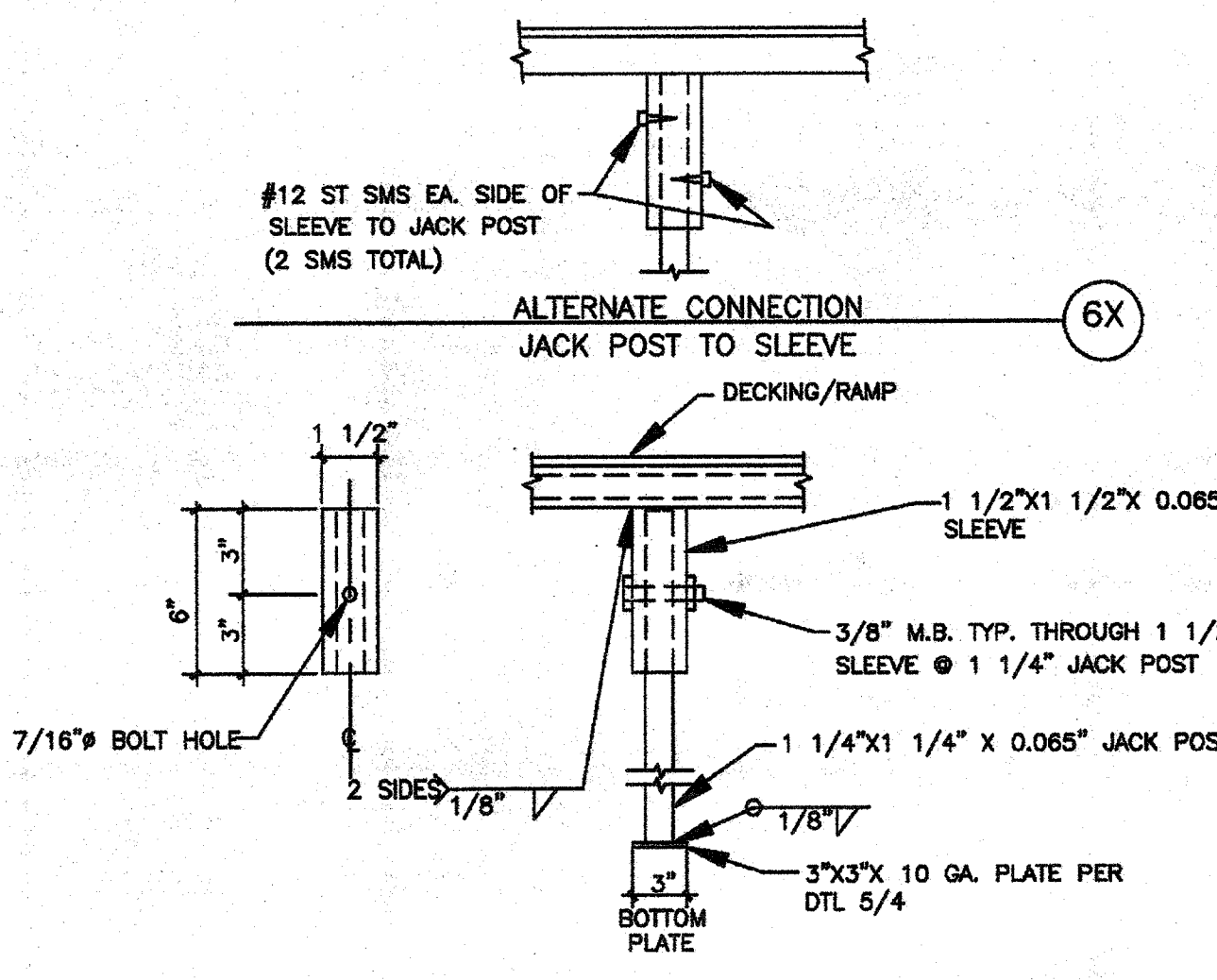
3 4
RAMP POST SLEEVES 1 1/2\"/>



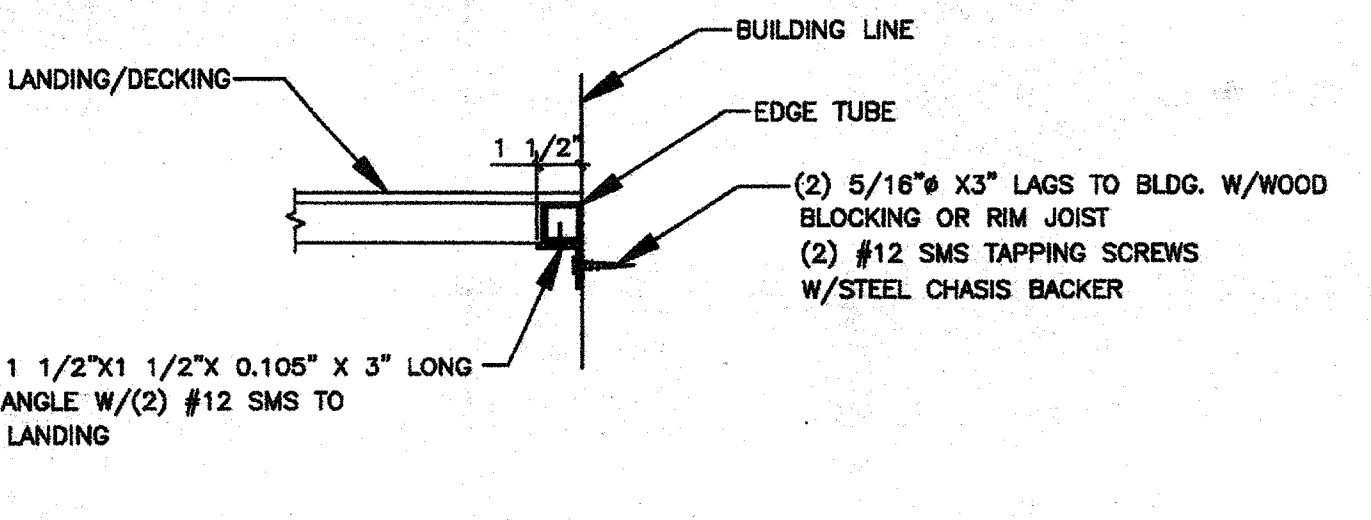
4 4
LANDING POST SLEEVES 1 1/2\"/>



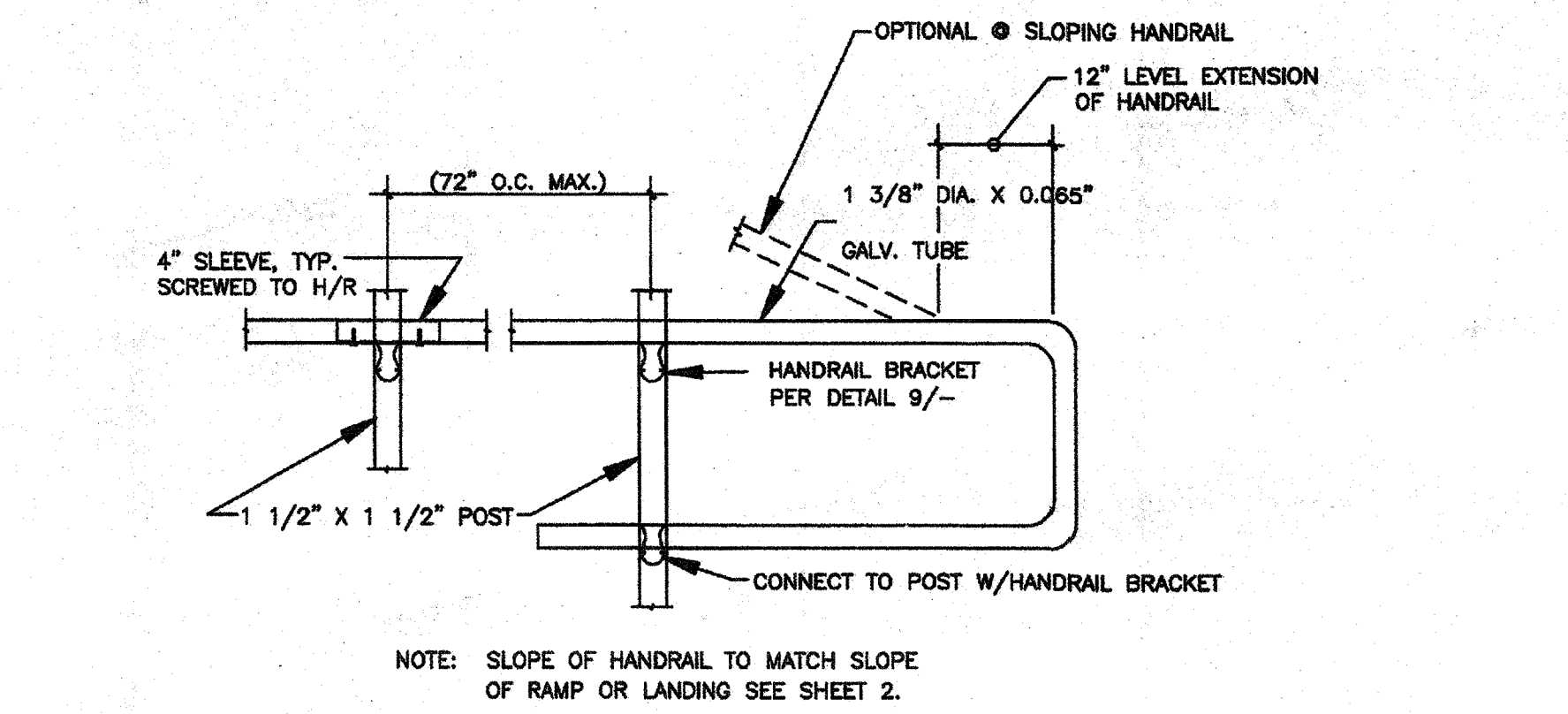
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POST BASE



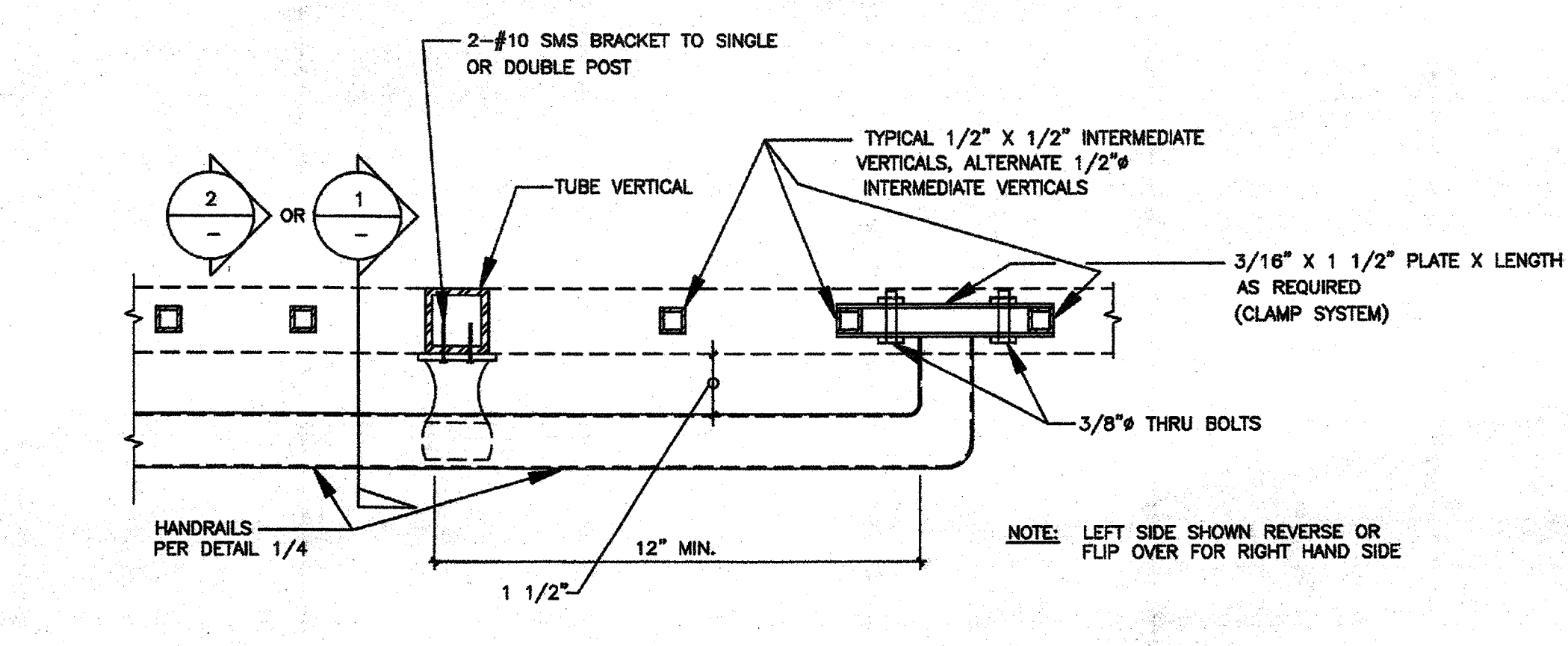
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MID SPAN POST



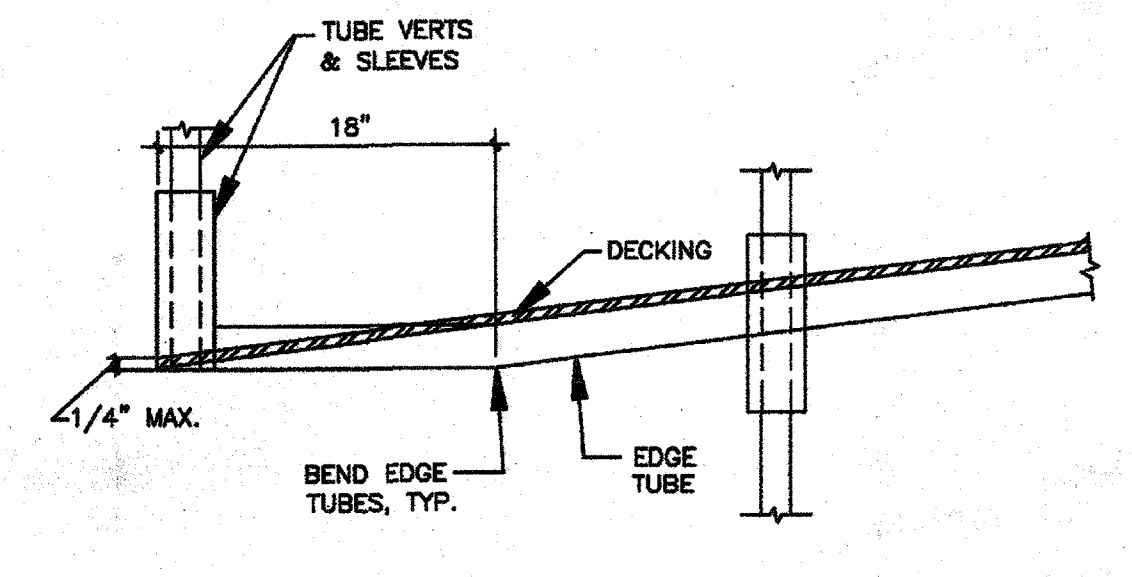
7 4
LANDING TO BUILDING



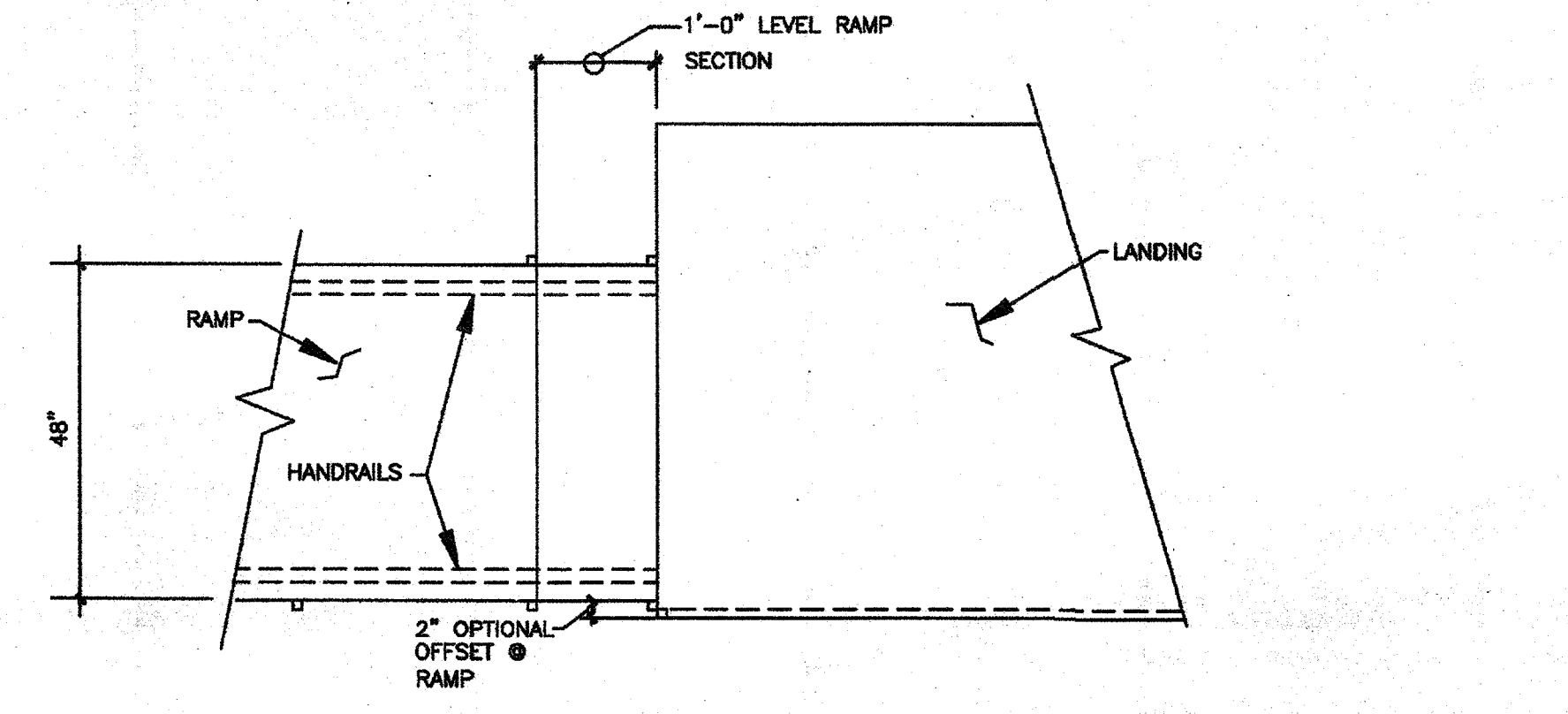
8 4
OPTIONAL CONNECTION @ HANDRAIL DETAIL



9 4
OPTIONAL HANDRAIL DETAIL @ TOP OF STAIRS OR RAMPS



10 4
TOE @ END OF RAMP



11 4
NO SCALE

NOTES:
 CODES:
 2013 CALIFORNIA BUILDING CODE (CBC)
 DESIGN LOADS:
 LIVE LOAD: 100 PSF
 WIND LOAD: SEE SHEET 1
 SEISMIC: SEE SHEET 1
 HANDRAIL & GUARD RAIL LOADS:
 50#/FT
 200# POINT LOAD
 MATERIAL SPECIFICATIONS:
 STEEL: ALL TUBE STEEL ASTM A-1008 CS TYPE A OR B (Fy = 40KSI)
 ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING
 PLYWOOD OPTION: **Common Galts Not Dipped Galvanized**
 WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D-1.3-2008 FOR SHEET STEEL. ELECTRODES SHALL BE E70XX.

GENERAL NOTES:
 1) RAMPS HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH 30' OF RISE, PER CBC 11B-405.7.
 2) LOCATION OF LANDINGS.
 LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION. LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.
 NOTE: EXAMPLES OF RAMP DIMENSIONS ARE:

SLOPE	MAX. RISE (INCHES)	MAX. HORIZONTAL PROJECTION
1:12	30	30'-0"
1:16	30	40'-0"
1:20	30	50'-0"
1:15	30	37'-6"

2) SIZE OF TOP LANDINGS. TOP LANDINGS SHALL NOT BE LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN, PER CBC 11B-405.7.2 AND .3.
 3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPENED, CBC 11B-405.7.5.
 4) RAMPS SHALL BE CONSTRUCTED AS REQUIRED FOR STAIRWAYS.
 5) THE SURFACE OF RAMPS SHALL BE ROUGHED OR SHALL BE OF RESISTANT MATERIAL, TYP. FOR LANDINGS & STAIRS.
 6) RAMPS REQUIREMENTS SHALL BE PER CBC 11B-405.

7) RAMPS AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.
 8) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), AND 11B-504 (STAIRS).
 9) RAMPS SHALL CONFORM TO CBC 11B-405.
 10) STRIKE EDGE EXTENSION THE WIDTH OF THE LANDING SHALL EXTEND 24" PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18" PAST THE STRIKE EDGE FOR INTERIOR RAMPS.
 11) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMPS, CBC 11B-405.7.4.
 12) THE WIDTH OF RAMPS SHALL BE AS REQUIRED PER STAIRWAYS AND EXITS, CBC 11B-405.5.

13) SLOPE RAMPS AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.
 14) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).
 15) CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR.
 16) A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4.342 PART 1 TITLE 24 CCR.

IN PLANT: SHOP WELDING INSPECTION AND MATERIAL VERIFICATION
 SITE CONSTRUCTION: CLASS 4

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 A 03 117210
 AG: FLS MISS CH
 DATE: JUL 18 2014

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 113584
 AG: FLS MISS CH
 DATE: AUG 05 2014

REVISIONS	BY

PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED
 JUL 23 2014

STATE OF CALIFORNIA
 LICENSE EXPIRES 6-30-2016

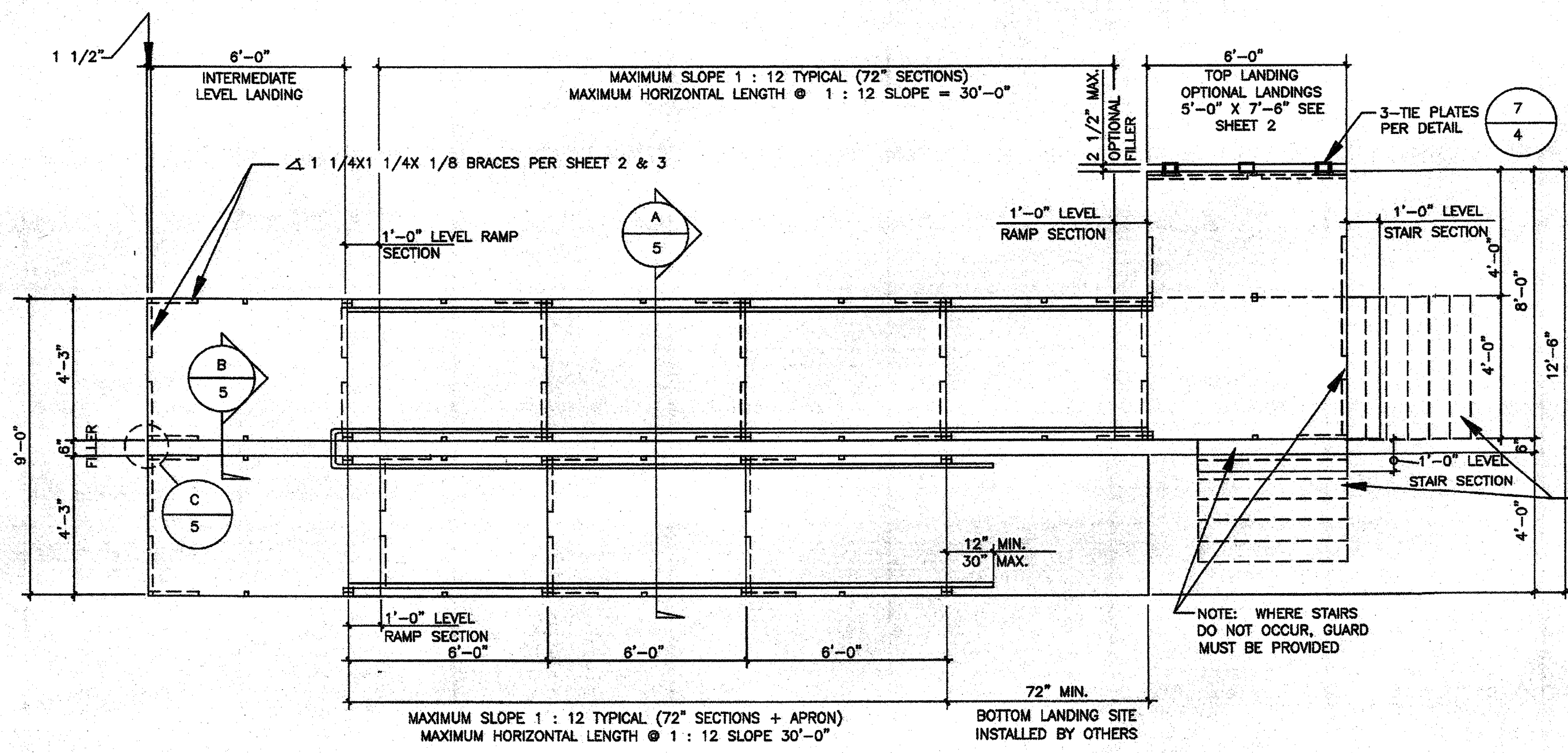
DETAILS AND NOTES
 TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951)213-3900
 FAX: (951)213-3997

SITE:
 STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

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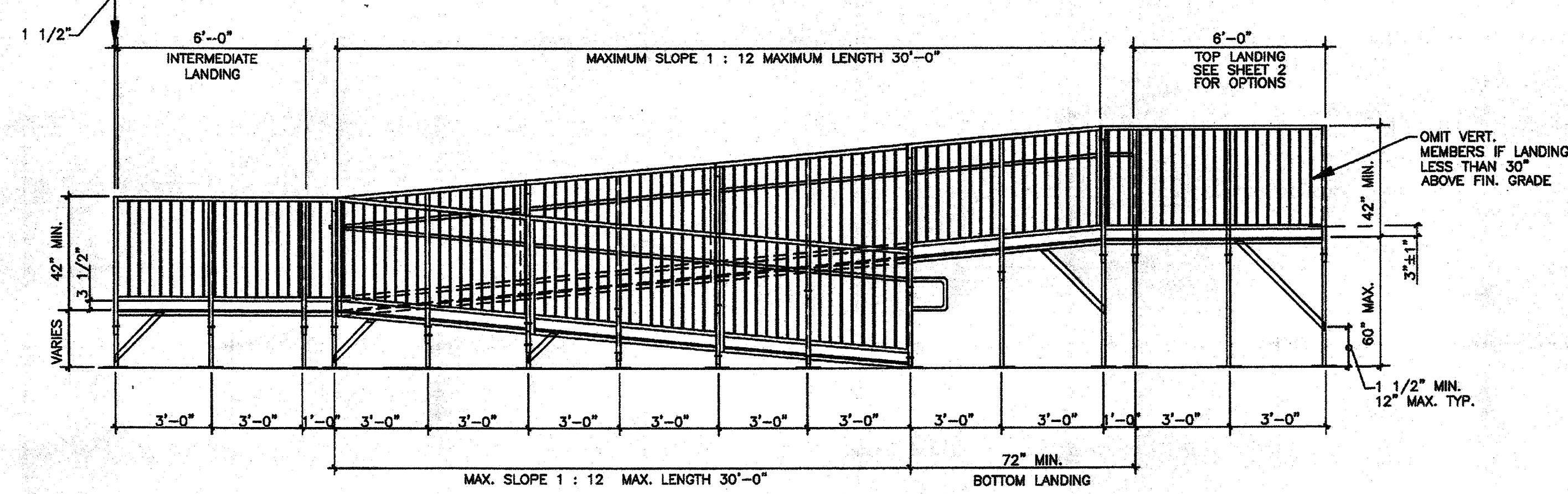
MEMBER
 STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE INSTITUTE
 4011 RIVERSIDE DRIVE, SUITE 114
 CHINO, CALIFORNIA 91710
 (909) 813-0234
 Fax(909) 813-0238

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CHECKED
DATE 28 JULY 2014
SCALE
JOB NO.
4
OF 8 SHEETS



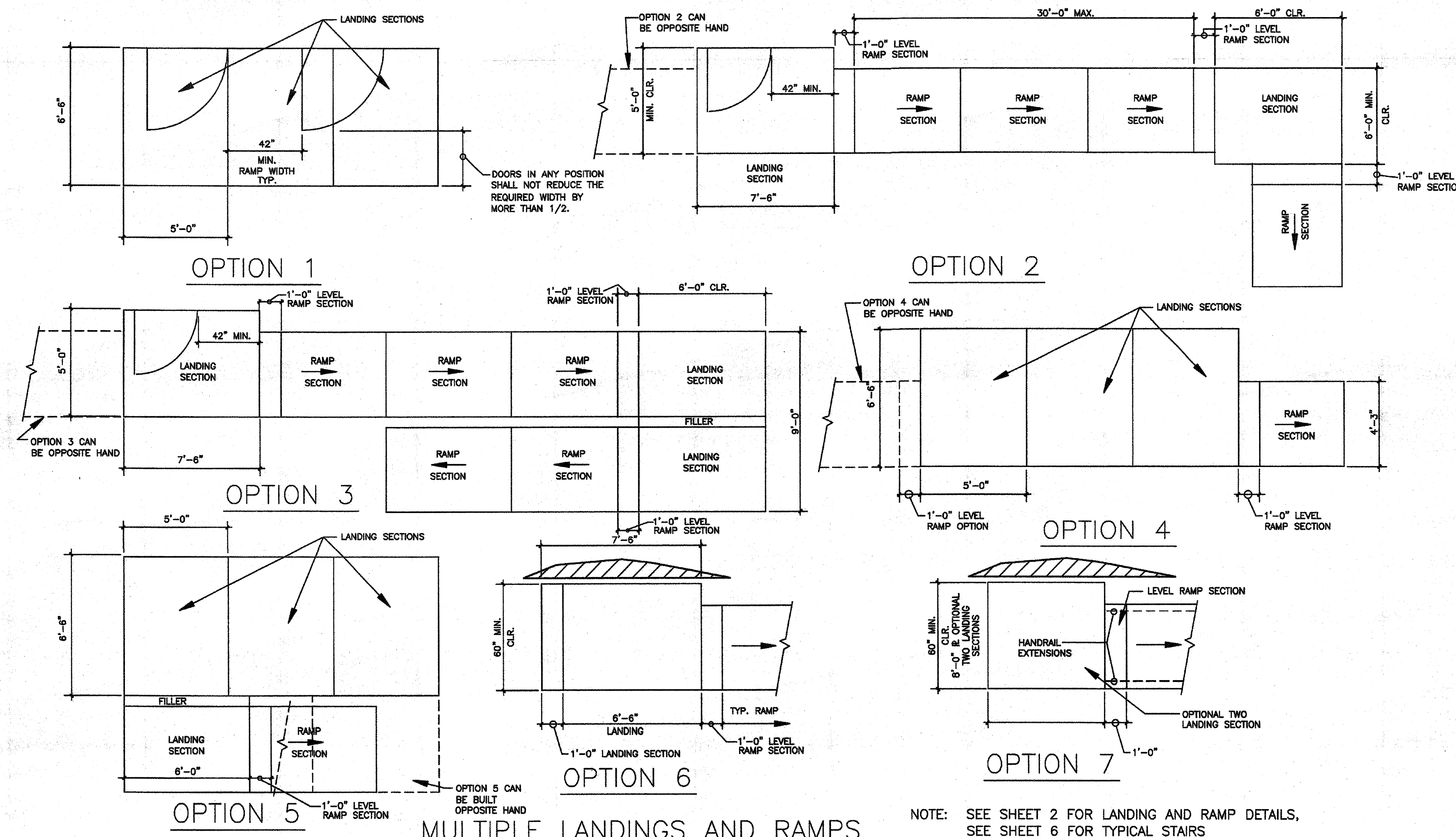
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

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



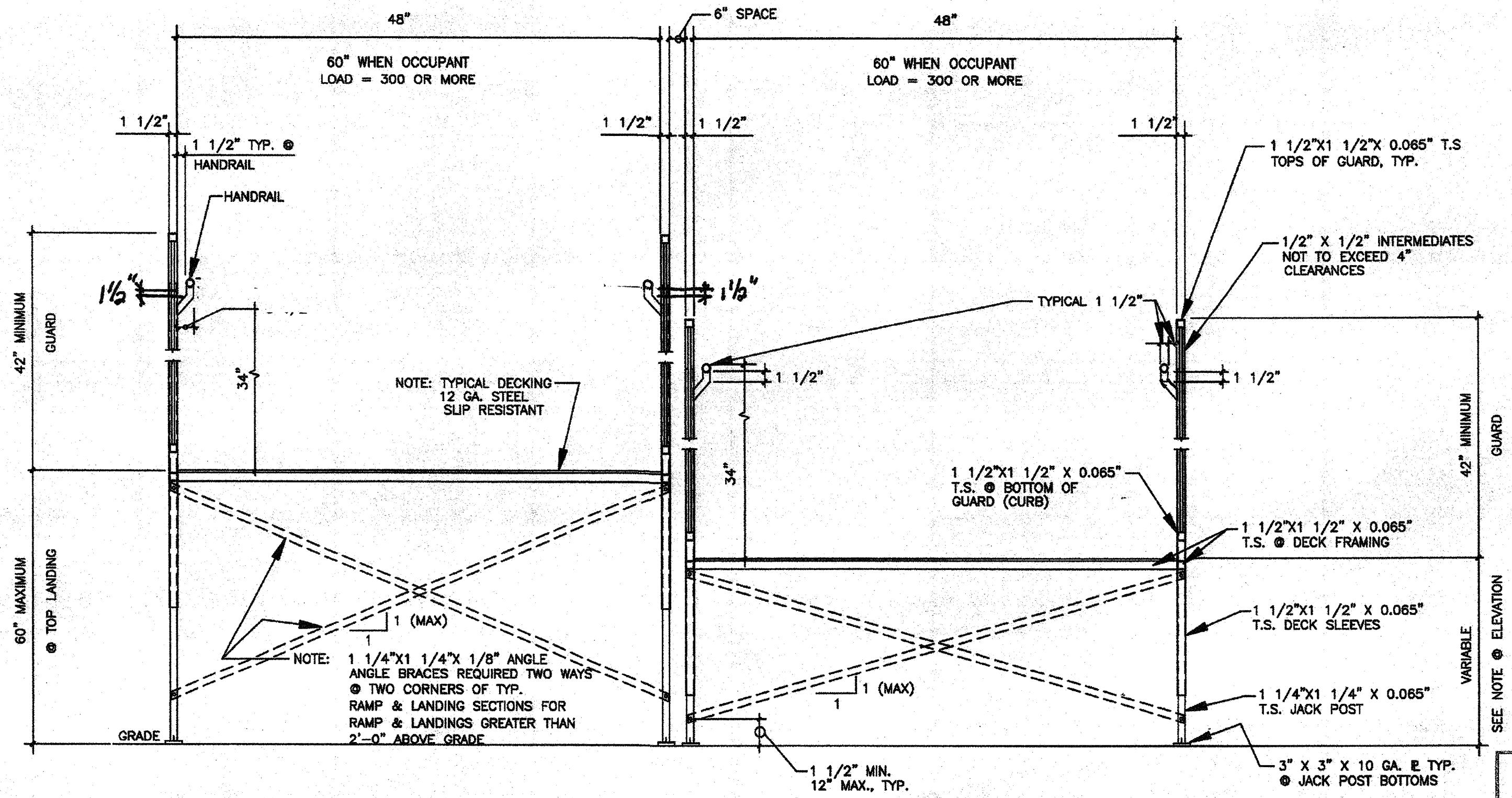
TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP

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



MULTIPLE LANDINGS AND RAMPS

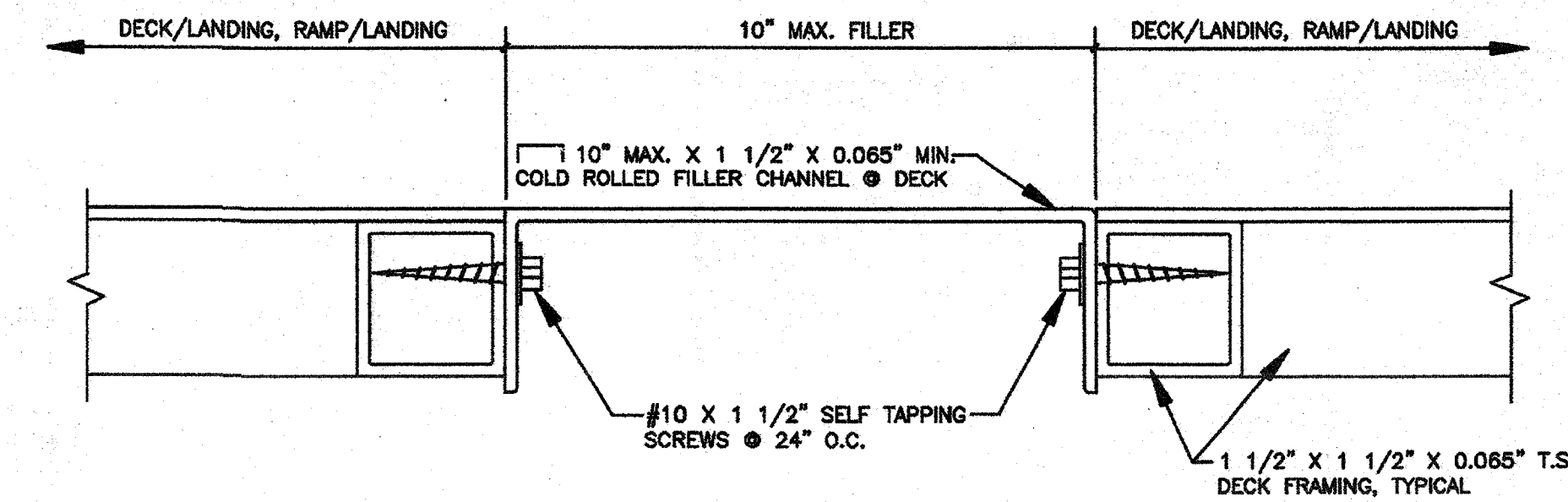
NOTE: SEE SHEET 2 FOR LANDING AND RAMP DETAILS, SEE SHEET 6 FOR TYPICAL STAIRS



TYPICAL CROSS SECTIONS

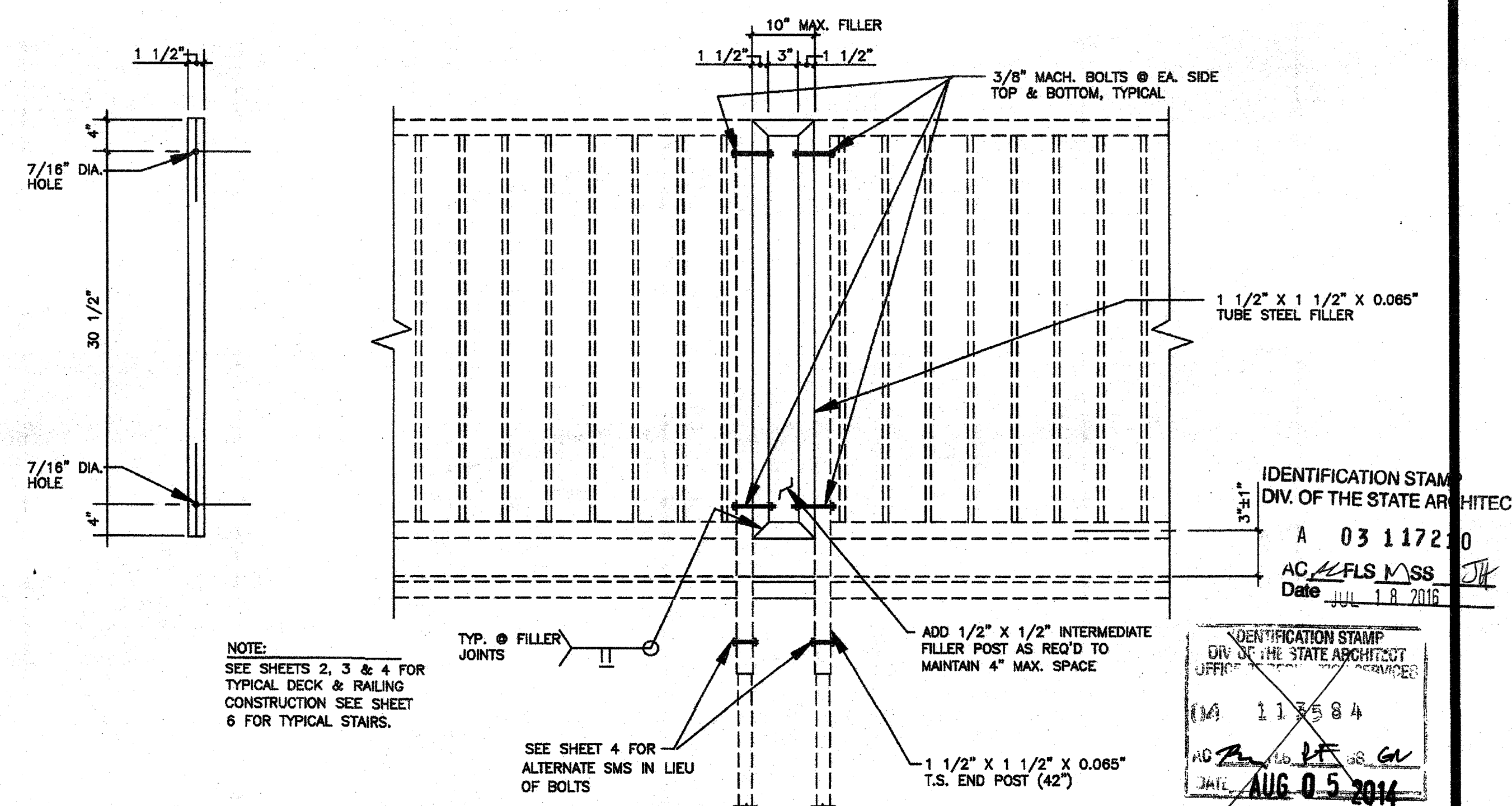
DATE SIGNED
JUL 23 2014

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



TYPICAL DECK CROSS SECTION

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



TYPICAL GUARDRAIL FILLER

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

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STRUCTURAL ENGINEERS, INC.
MEMBER
STRUCTURAL ENGINEERS
ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE
INSTITUTE
4031 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710
(909) 613-0234
Fax (909) 613-0238

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 0311720
AC/FLS/VSS
Date JUL 19 2014
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
AUG 05 2014

REVISIONS	BY

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT
APPLICATION FOR CONSTRUCTION
IS REQUIRED

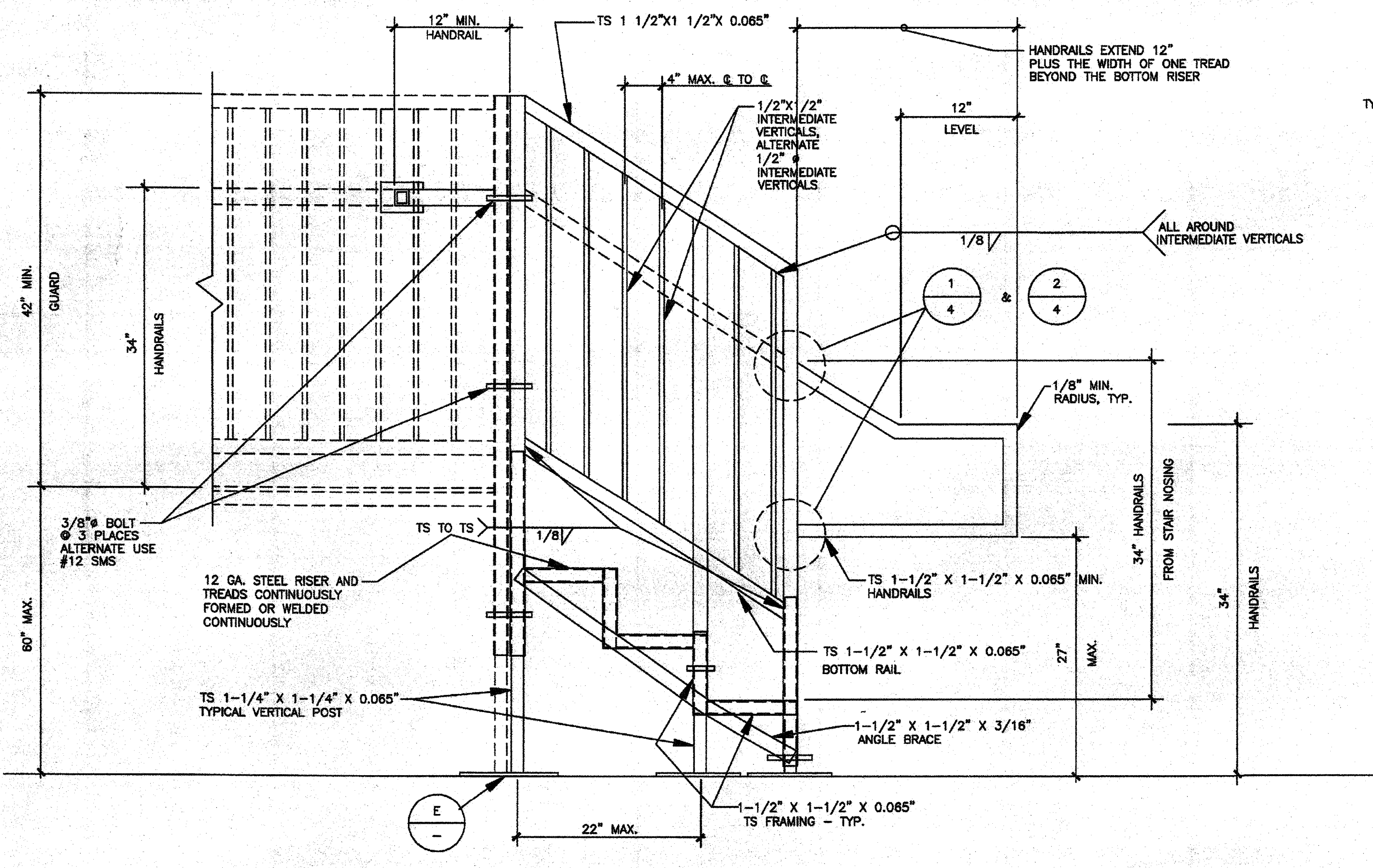
REGISTERED PROFESSIONAL
STRUCTURAL ENGINEER
No. 3992
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

ACCESSIBLE RAMP
SWITCHBACK DETAILS
TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

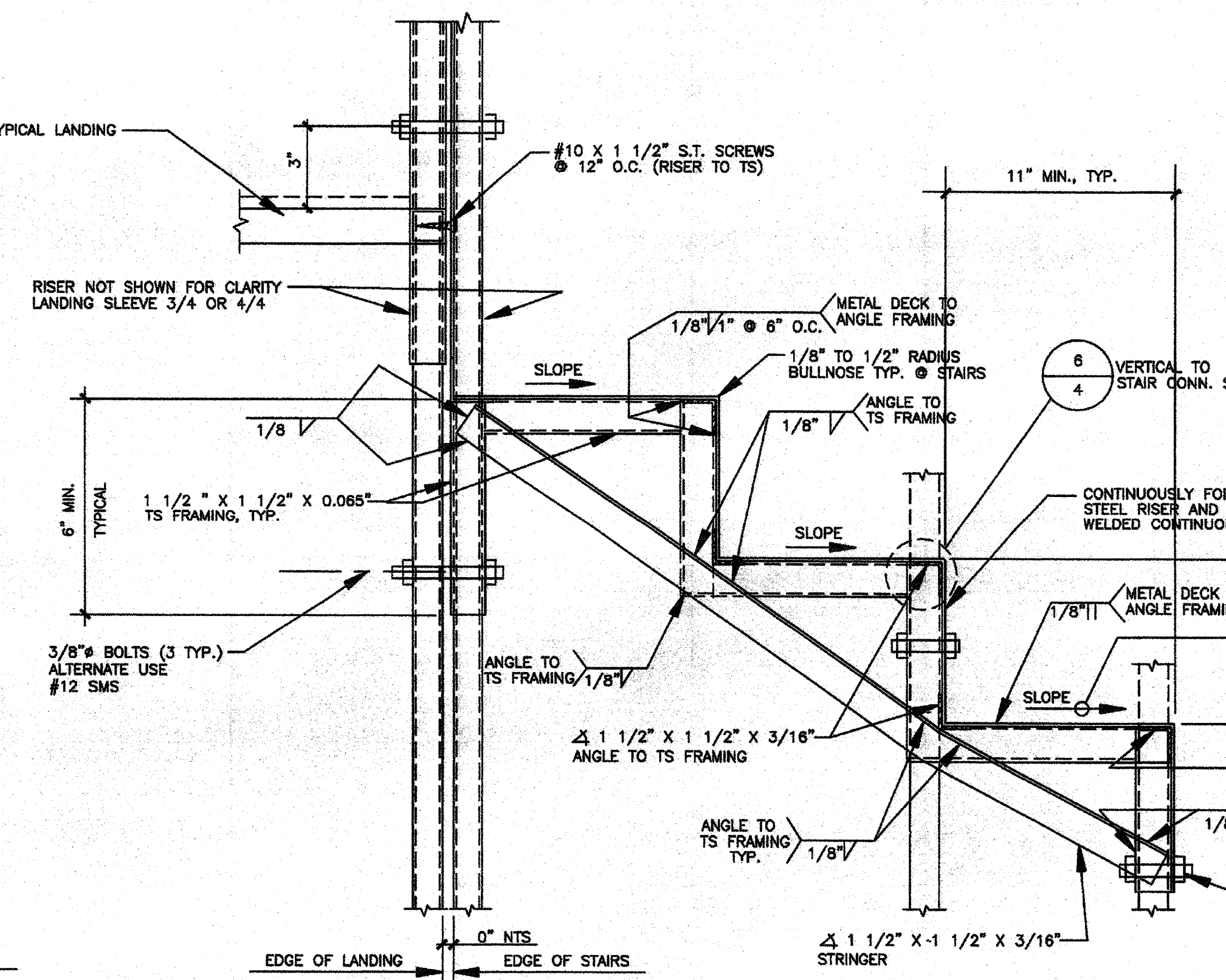
SITE:
STATE OF CALIFORNIA
PC 04-11-3584-2013 CBC

DRAWN
CHECKED
DATE
28 JULY 2014
SCALE
JOB NO.

OF 8 SHEETS



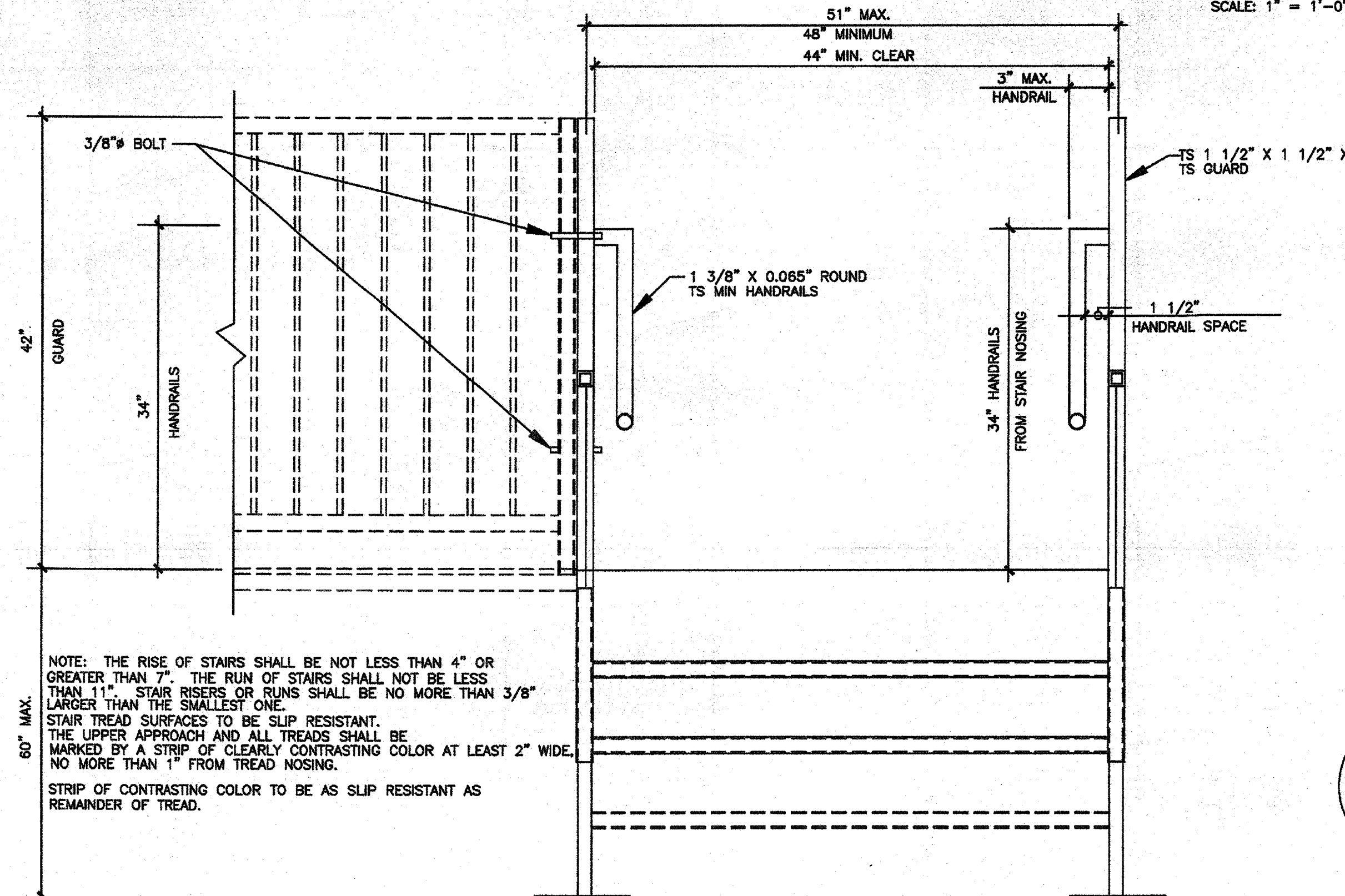
A SIDE VIEW
SCALE: 1" = 1'-0"



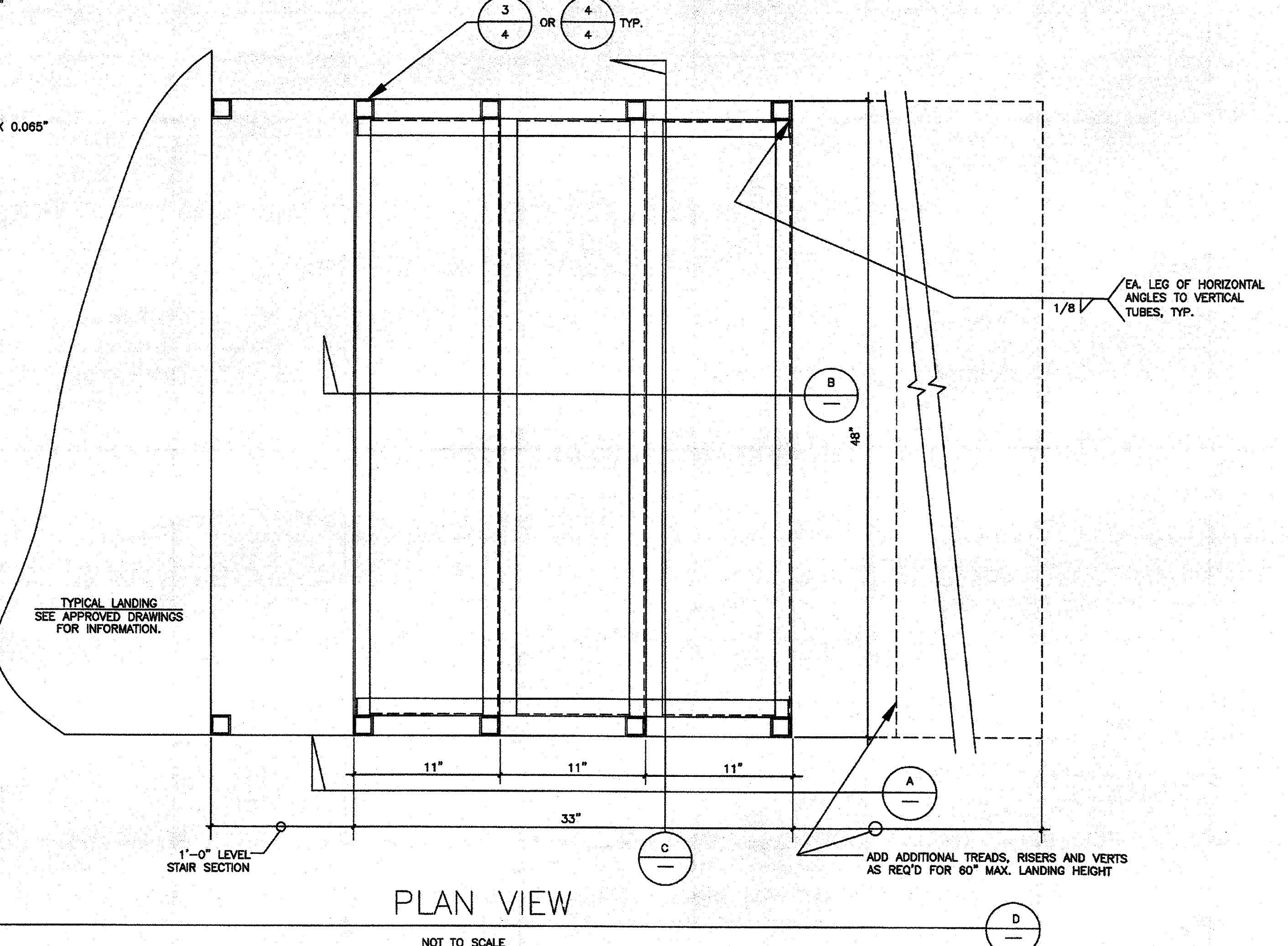
B SECTION
NOT TO SCALE

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE. FOR THRESHOLD HEIGHTS LESS THAN 30" ABOVE FINISH GRADE, PICKETS CAN BE OMITTED & HANDRAIL WILL ACT AS GUARD.

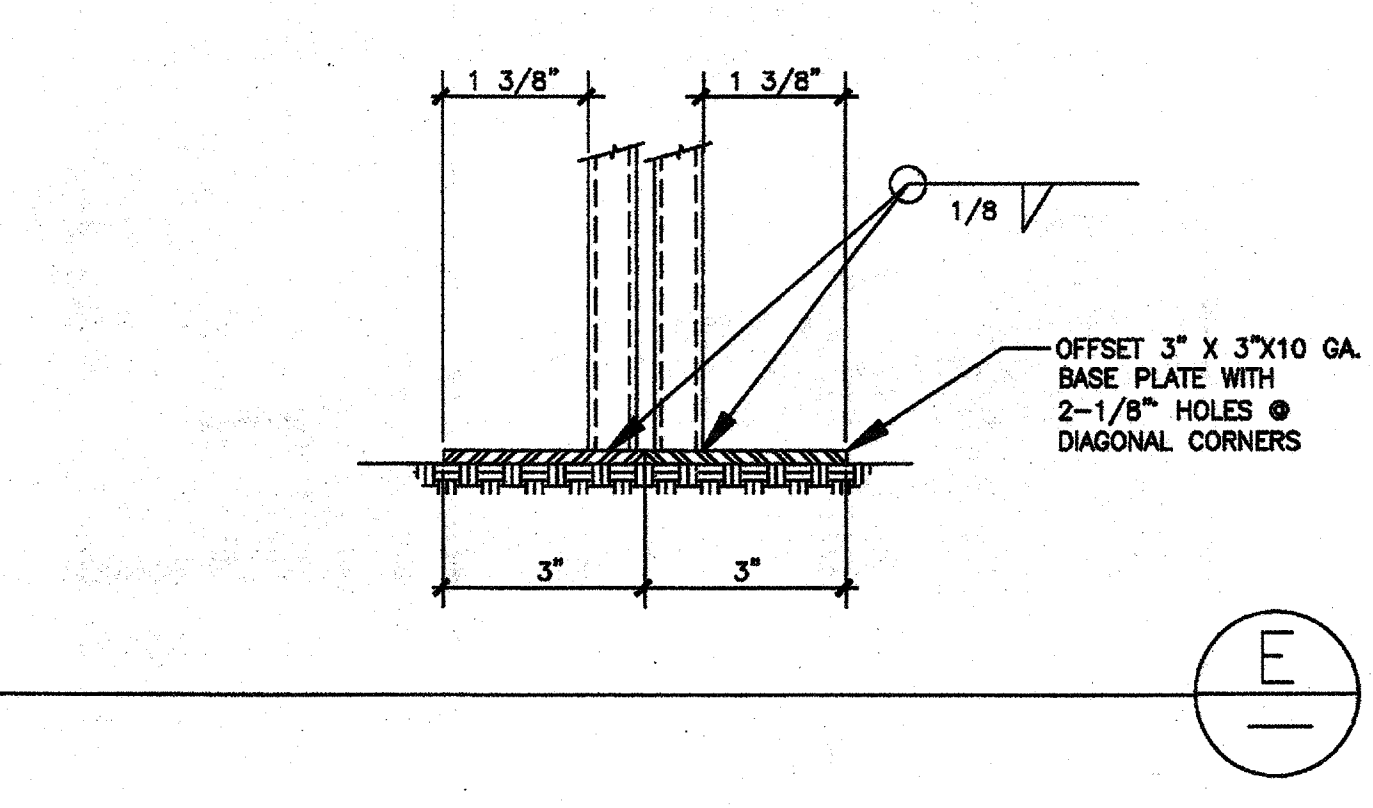
DATE SIGNED
JUL 28 2014



C FRONT VIEW
SCALE: 1" = 1'-0"



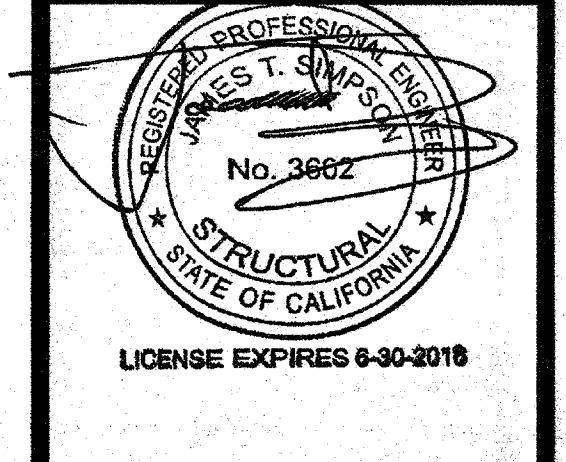
D PLAN VIEW
NOT TO SCALE



E

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CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



STAIRS OPTIONAL
T.M.P. SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

SITE: STATE OF CALIFORNIA
PC 04-113584-2013 CBC

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DATE 28 JULY 2014
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JOB NO.
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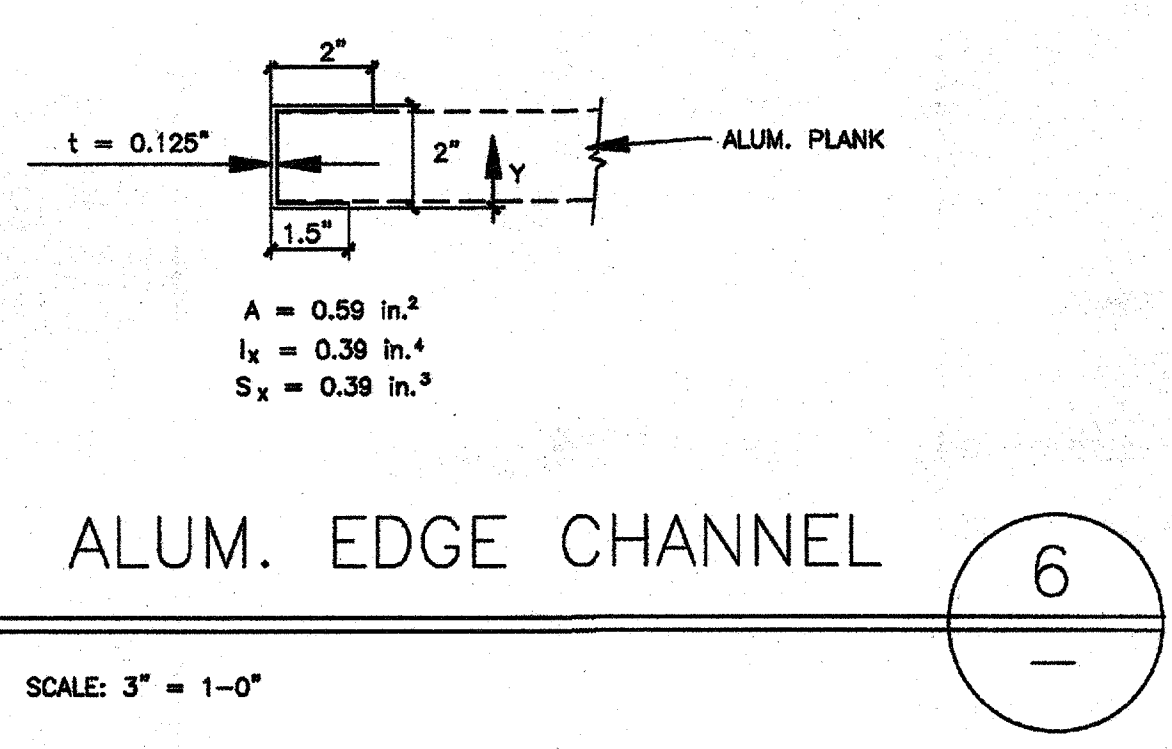
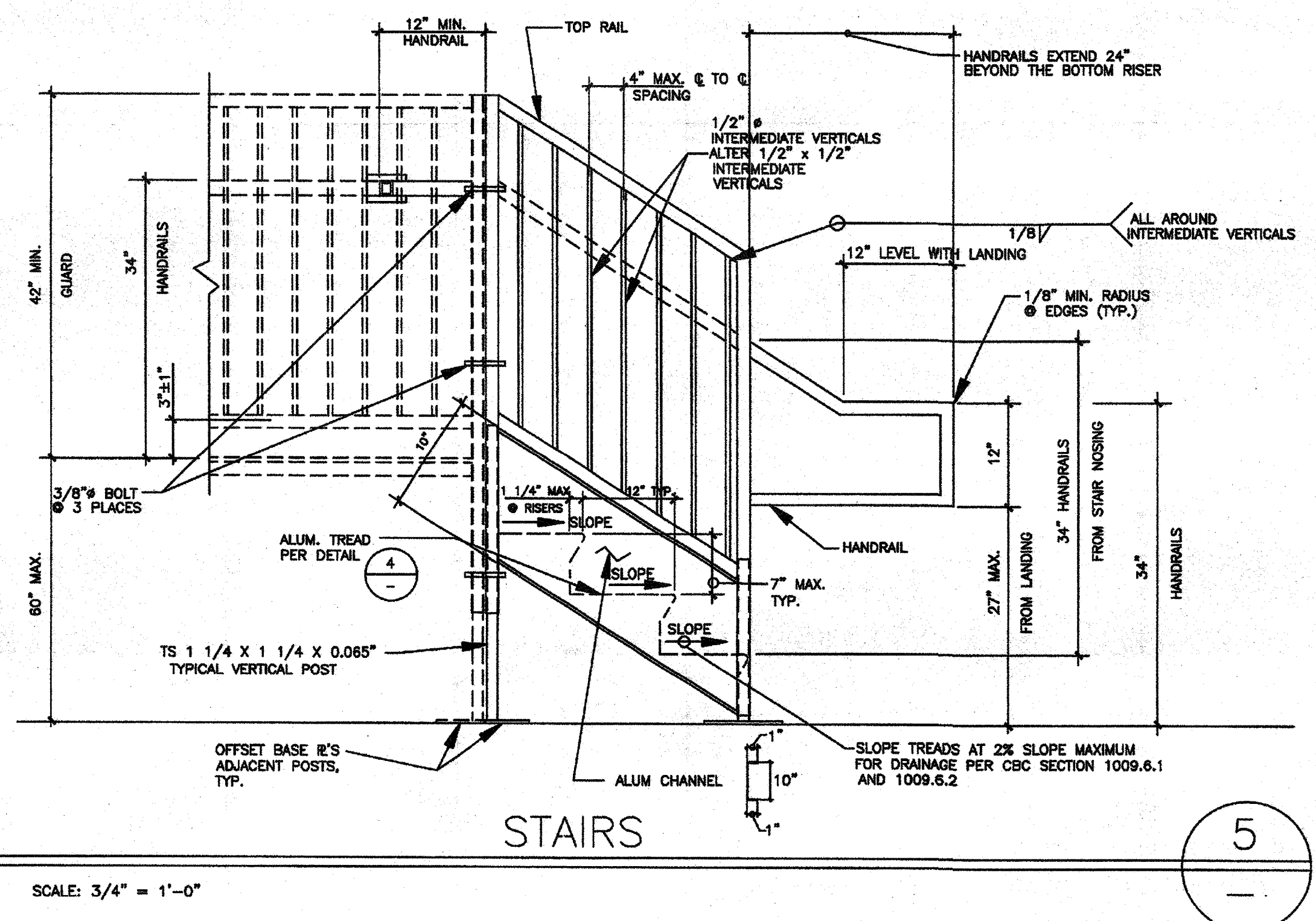
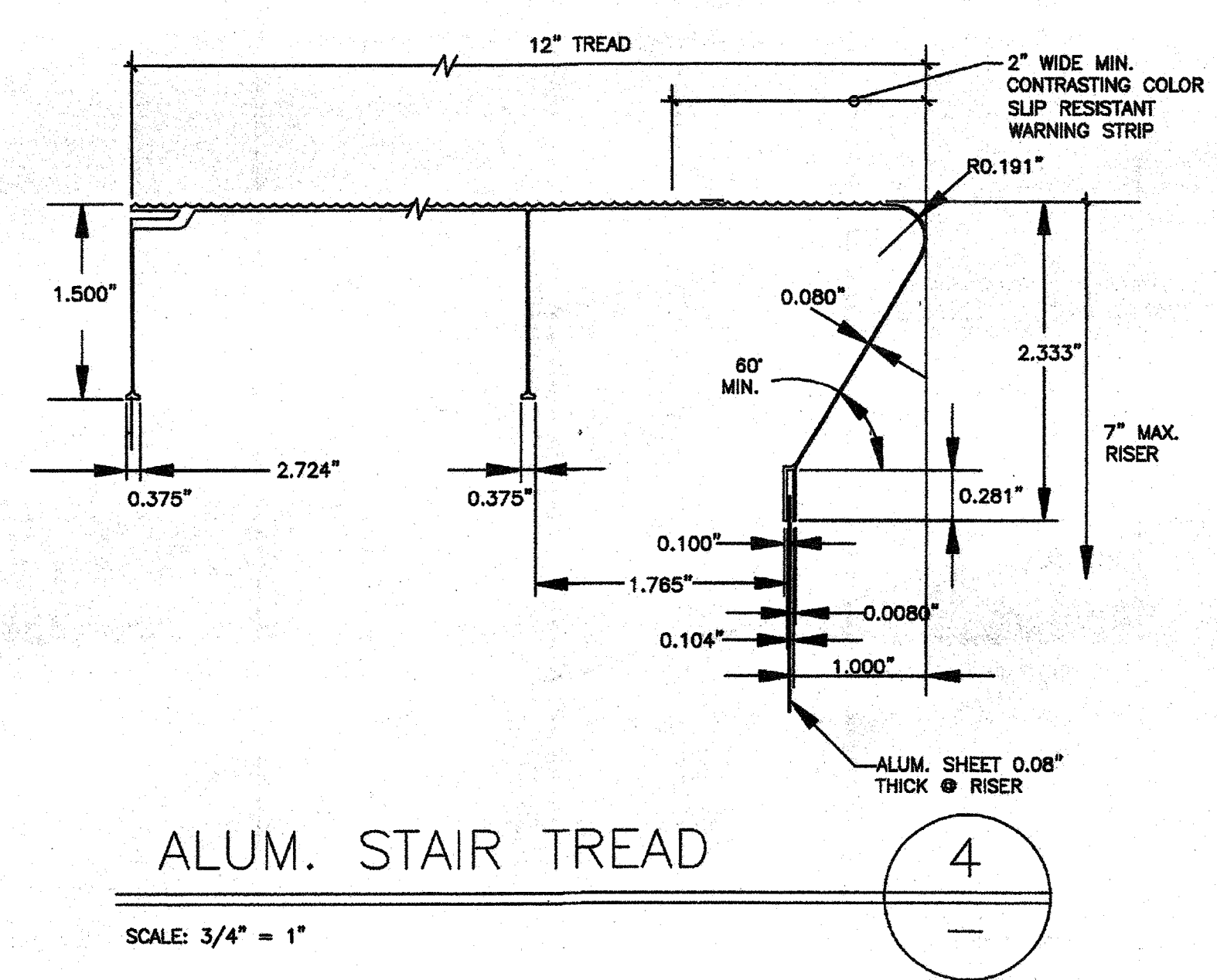
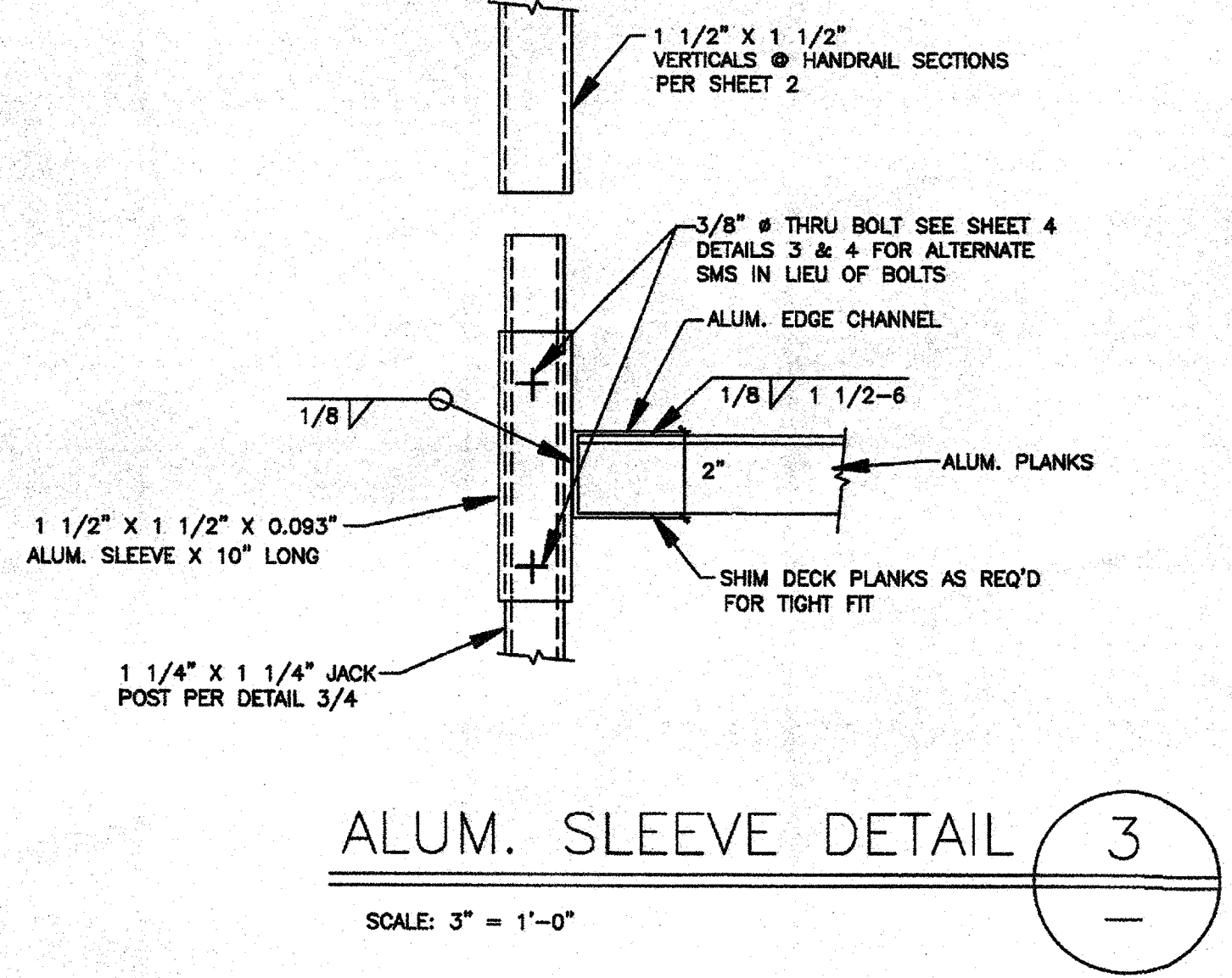
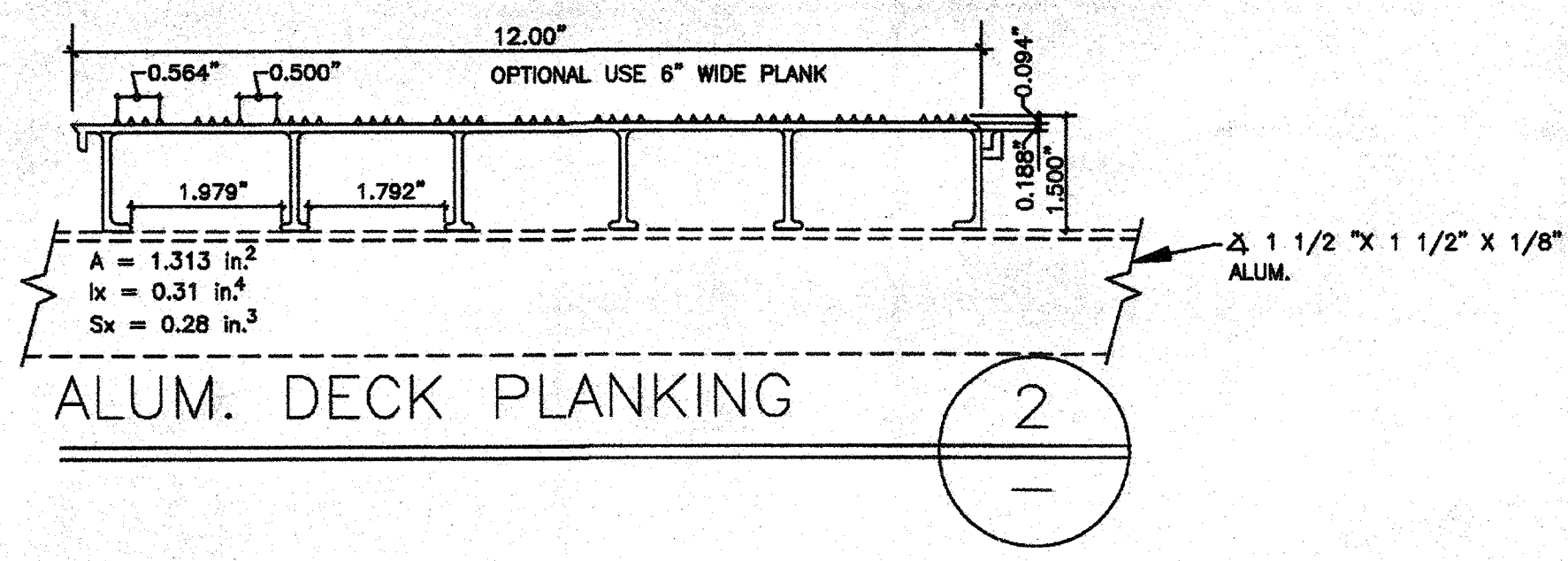
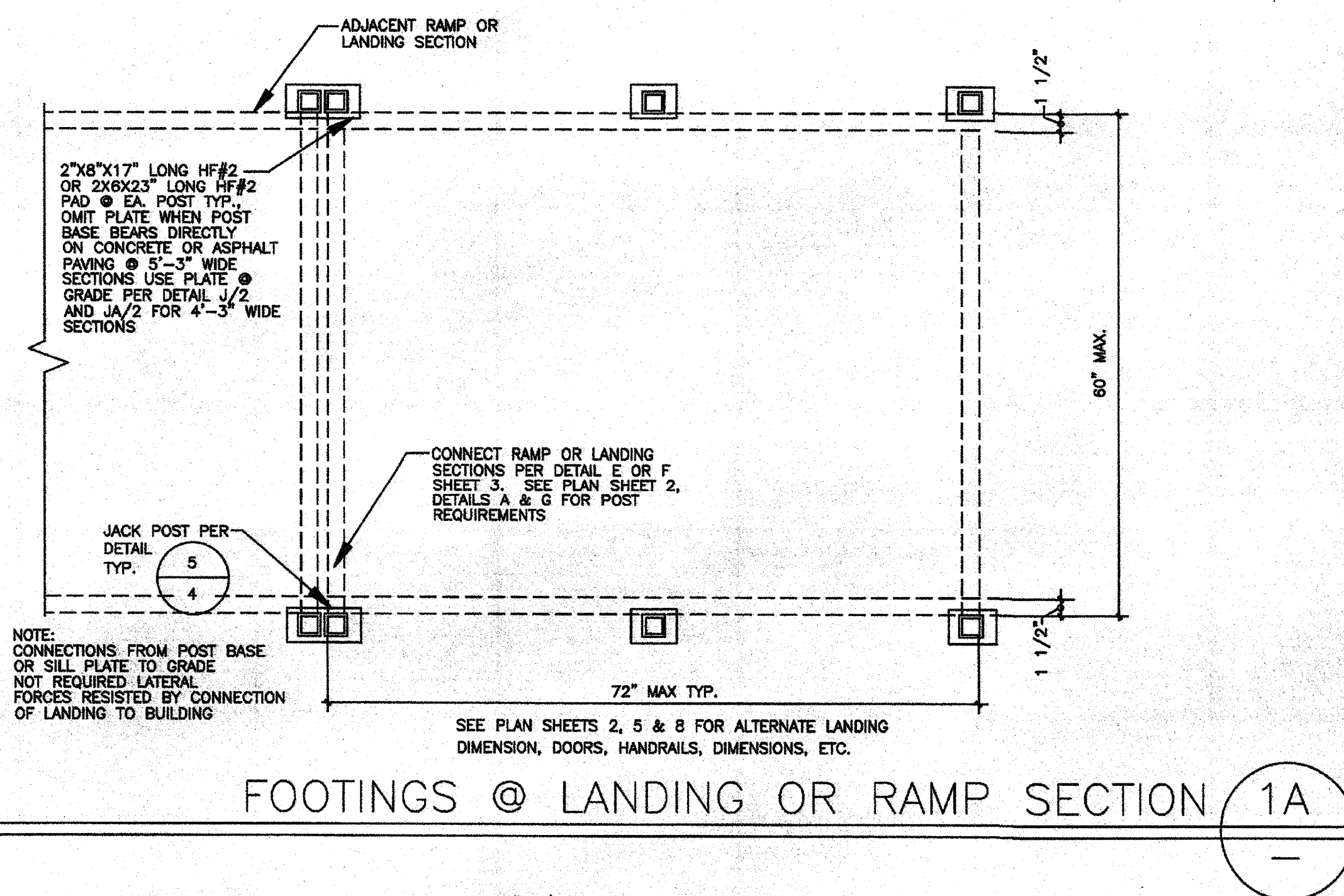
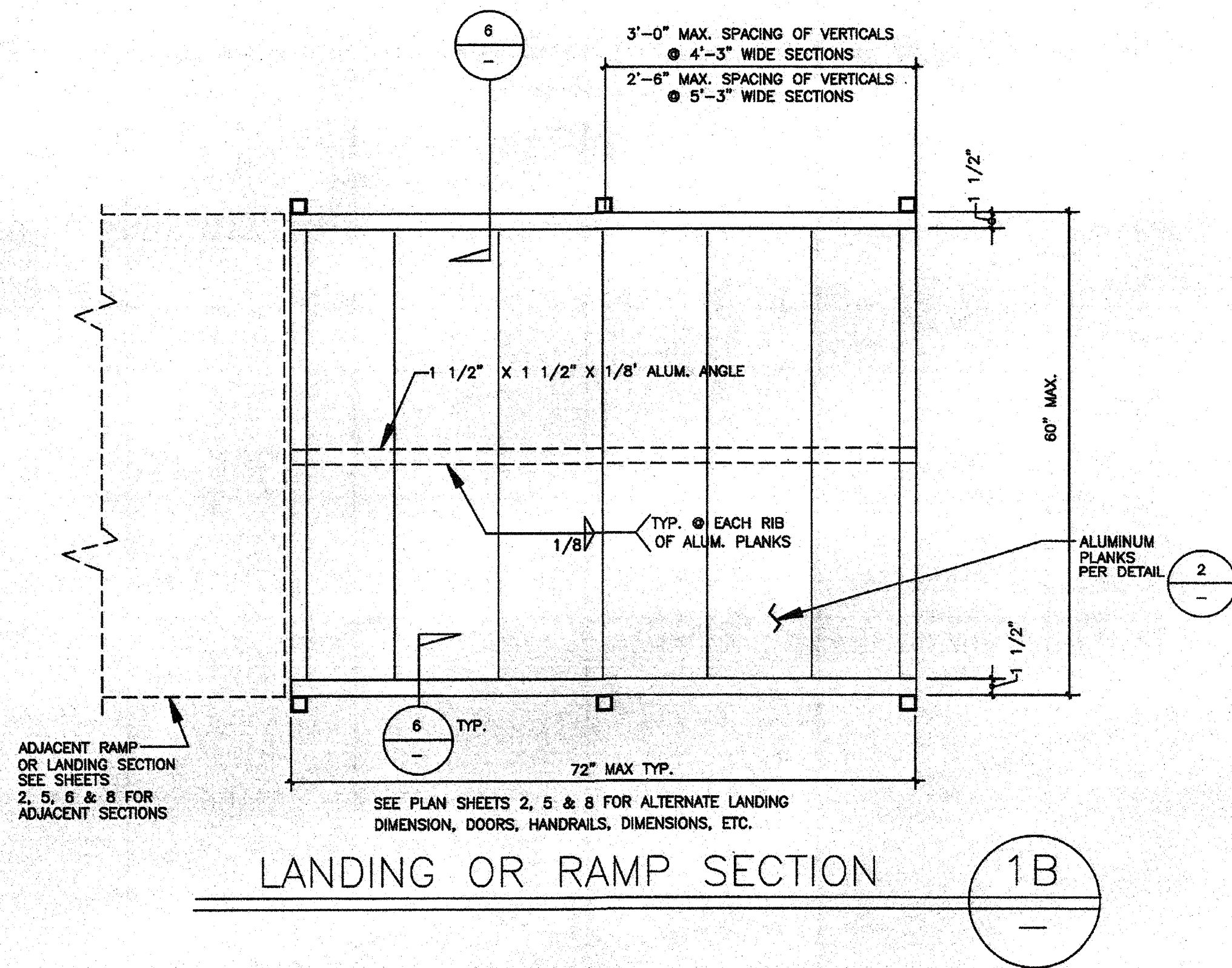
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
A 03 117210
AC & FLSM SS JPA
Date JUL 18 2014

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
J.P.P.
Date AUG 05 2014

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EXL
STRUCTURAL ENGINEERS, INC.
4081 RIVERSIDE DRIVE, SUITE 114
CHINO, CALIFORNIA 91710

MEMBER
STRUCTURAL ENGINEERS
ASSOCIATION OF CALIFORNIA
AMERICAN CONCRETE
INSTITUTE
(909) 613-0234
Fax(909) 613-0238



NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE. FOR THRESHOLD HEIGHTS LESS THAN 30" ABOVE FINISH GRADE, PICKETS CAN BE OMITTED & HANDRAIL WILL ACT AS GUARD.

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NOTES:

MATERIAL SPECIFICATIONS:

ALUMINUM:

1 1/4" X 1 1/4" X 1/8" ANGLE 6063 TS

2" X 1 1/2" X 1/8" CHANNEL 6063 TS

DECK PLANKS 6063 TS

STAIR PLANKS 6063 TS

BOLTS: ALUMINUM 6061-T6, 2024-T4 OR 7075-T73, ALTERNATE USE TYPE 304 STAINLESS STEEL BOLTS WITH STAINLESS STEEL WASHERS.

WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D1.2-2008 FOR ALUMINUM", ELECTRODES SHALL BE 5356 OR 5554 FOR 6063-T5 ALUMINUM & SHALL BE 5556 FOR 6061-T6 ALUMINUM.

SEE SHEET 4 FOR GENERAL NOTES

DATE SIGNED
 JUL 28 2014

REVISIONS	BY

PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



ACCESSIBLE RAMP
 OPTIONAL ALUMINUM DECK

TMP SERVICES
 2929 KANSAS AVE.
 RIVERSIDE, CA 92507
 PHONE: (951)213-3900
 FAX: (951)213-3997

SITE:

STATE OF CALIFORNIA
 PC 04-113584-2013 CBC

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 A 03117210
 AC/FLS/MS
 Date JUL 18 2014

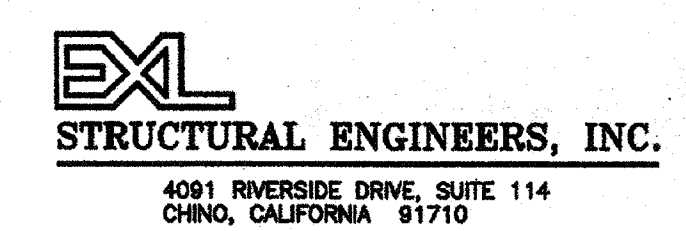
11584
 AUG 05 2014

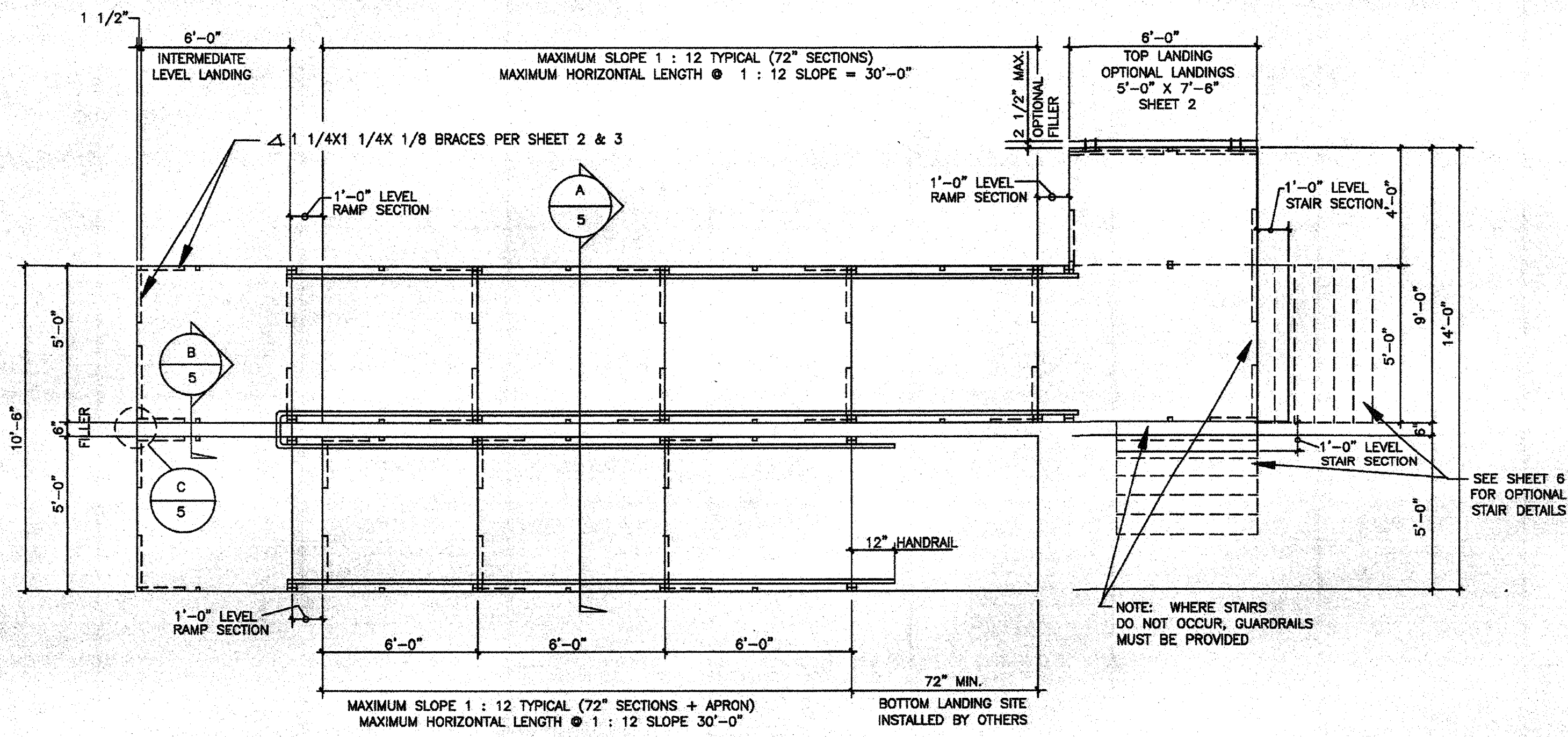
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 28 JULY 2014
 SCALE
 JOB NO.

MEMBER
 STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
 AMERICAN CONCRETE INSTITUTE

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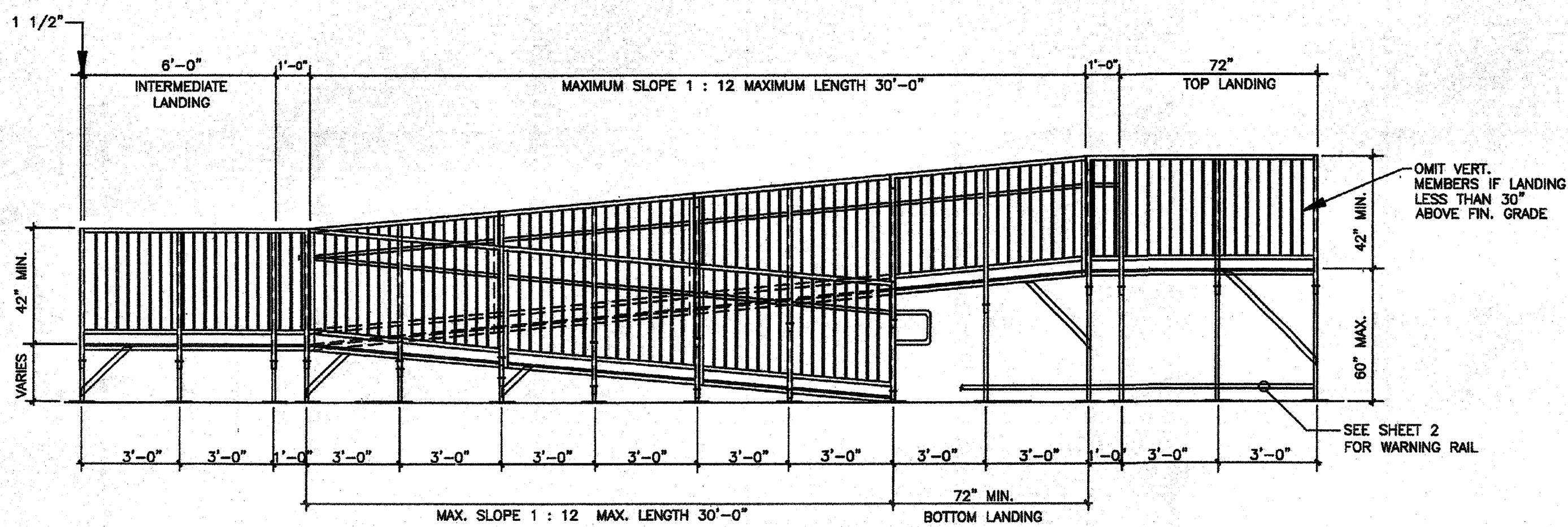
OF 8 SHEETS





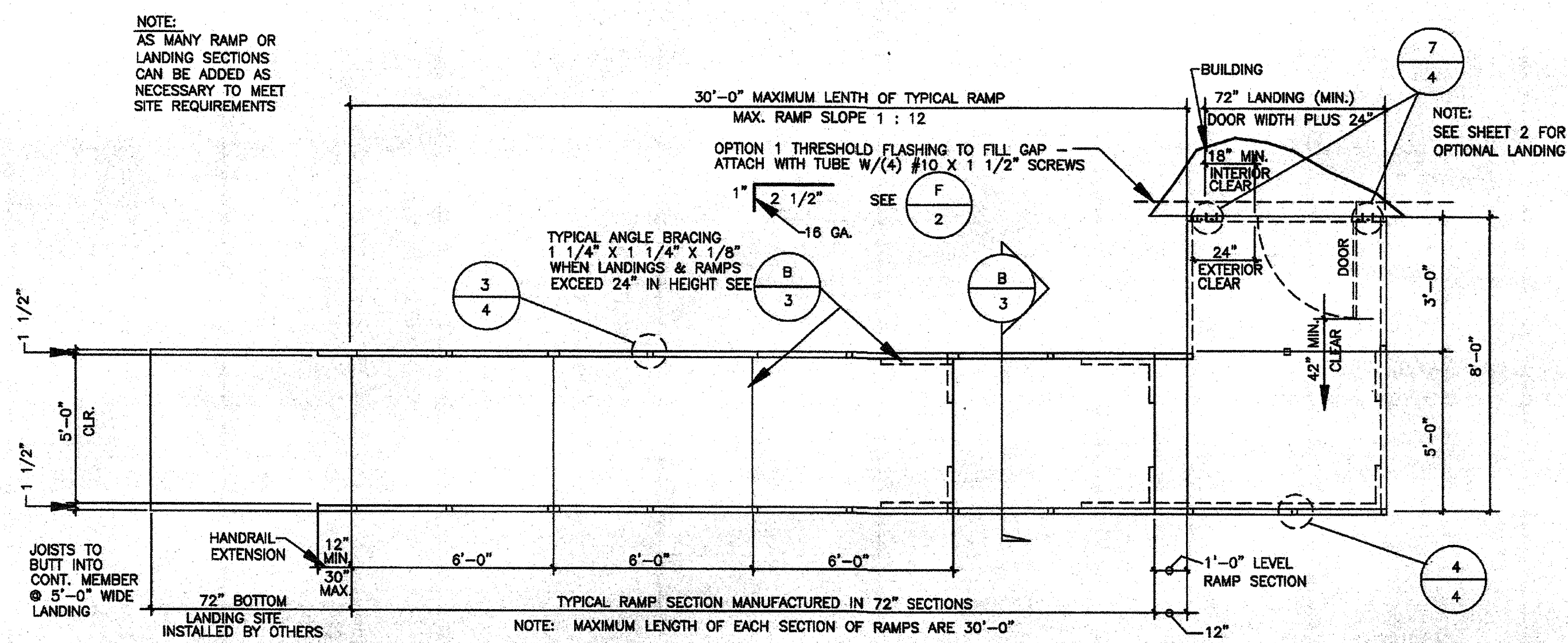
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

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



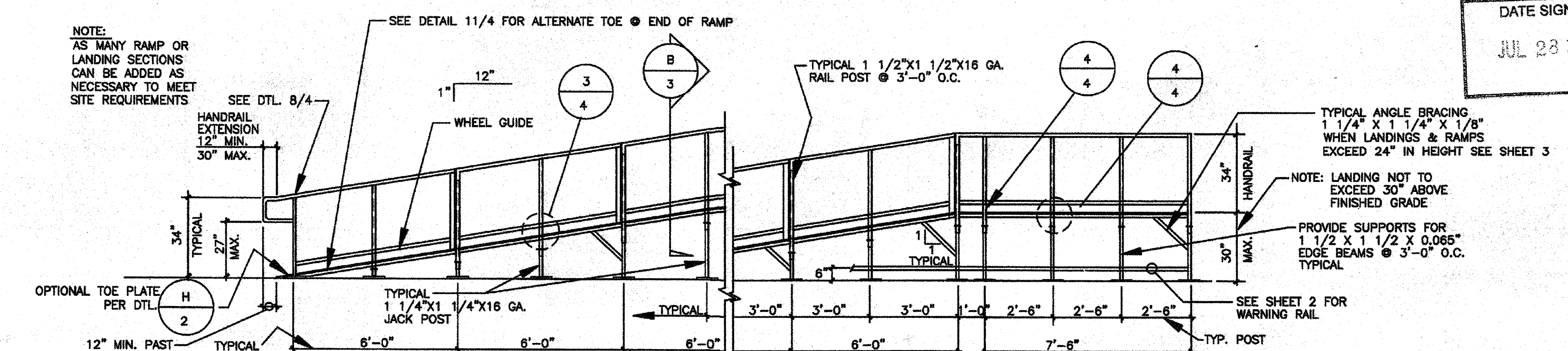
TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP W/ 5'-0" WIDE RAMPS

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



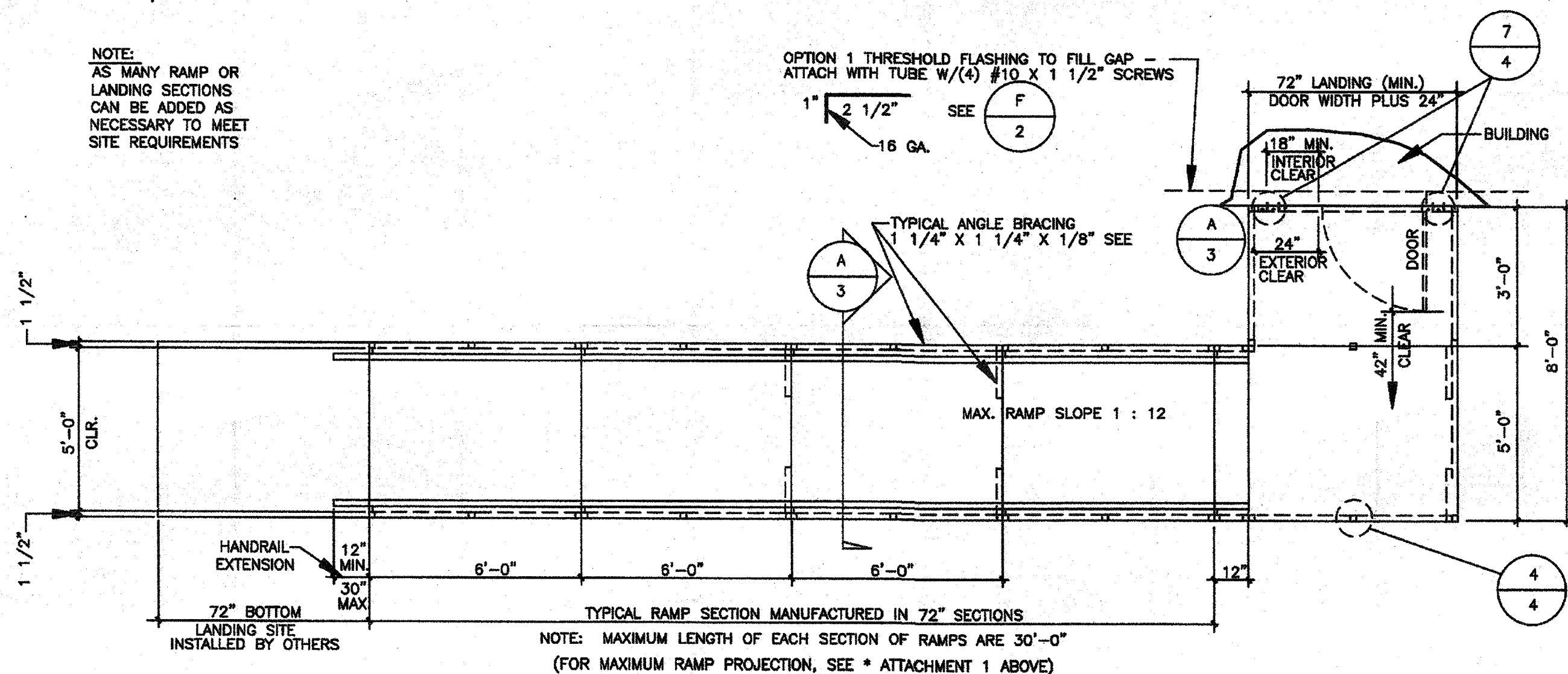
TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT

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



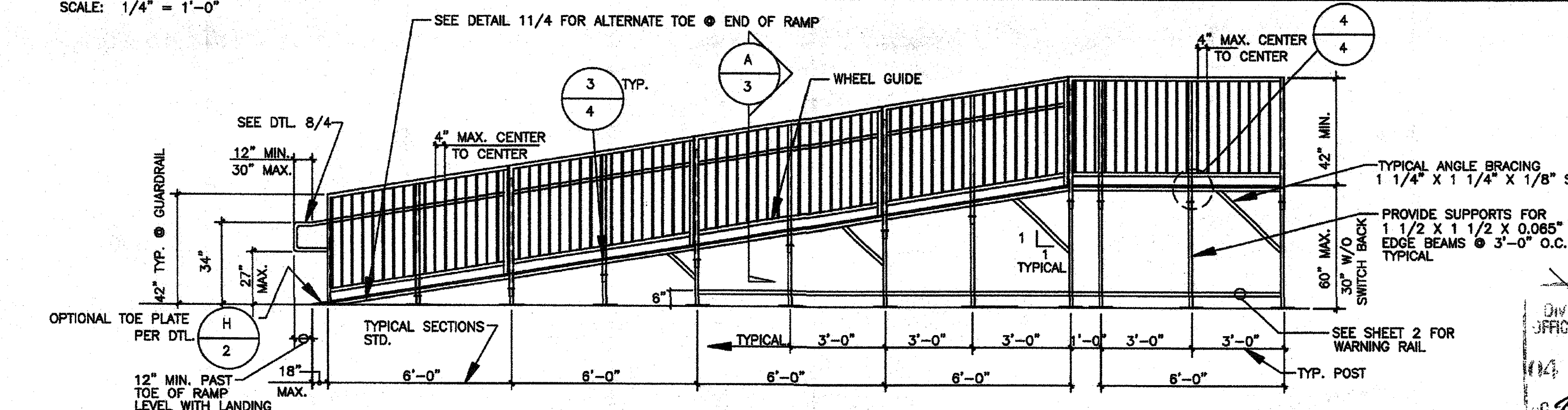
TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS DESIGN

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



TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN

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



TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING

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

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DIV. OF THE STATE ARCHITECT

A 03 117210

AC PLS MSS

Date JUL 18 2016

113584
AUG 05 2016

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IS REQUIRED



ACCESSIBLE RAMP ELEVATIONS
& PLAN VIEWS
TMP SERVICES
2828 KANSAS AVE
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

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STATE OF CALIFORNIA
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