

WASHINGTON MIDDLE SCHOOL TWO PORTABLE CLASSROOMS BAKERSFIELD CITY SCHOOL DISTRICT 1101 NOBLE BAKERSFIELD, CA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119509 INC.
REVIEWED FOR
SS FLS ACS
DATE: 10/1/2019

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9 SHEETS	
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Project Name & Address:
**WASHINGTON MIDDLE SCHOOL
TWO PORTABLE CLASSROOMS**
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE BAKERSFIELD, CA

Issue Date: 7/1/18
Date: 03/04/19
Designer: [Signature]
DR: [Signature]
PC: [Signature]
RJD

Stamp(s):
[Professional Seal]
Job No.: **5338**
Sheet No.: **T1.01**
Release: -

NOTE:
THIS PROJECT CAN NOT BE CLOSED AND
CERTIFIED UNTIL DSA APP # 03-117154 IS
CLOSED AND CERTIFIED

SCOPE OF WORK
<ul style="list-style-type: none"> RELOCATION OF (2) PORTABLE CLASSROOM BUILDINGS AND METAL RAMPS FROM MANUFACTURER'S PC DRAWINGS CONSTRUCTION OF WOOD FOUNDATIONS FOR (2) PORTABLE BUILDINGS CONSTRUCTION OF UTILITY SERVICES ON AN EXISTING SCHOOL CAMPUS
RAMP NOTE
<ul style="list-style-type: none"> THE DESIGN PROFESSIONAL HAS EXEMPTED THIS RAMP FROM SPECIAL INSPECTION REQUIREMENTS FOR MATERIAL IDENTIFICATION AND STRUCTURAL WELDING. RAMP SHALL NOT BE MODIFIED OR HAVE SHIMS ADDED CAUSING THE DISTANCE BETWEEN THE HIGHEST RAMP WALKING SURFACE AND THE ADJACENT GRADE TO BE MORE THAN 30 INCHES. IF THIS CONDITION IS NOT MET, STRUCTURAL TESTING AND/OR INSPECTION WILL BE REQUIRED TO VERIFY MATERIALS AND STRUCTURAL WELDING. THIS APPLIES TO SCOPES OF WORK INCLUDING NEW CONSTRUCTION, ALTERATION, OR RELOCATION OF THE RAMP.

VICINITY MAP
<p>THIS PROJECT SITE TWO PORTABLE CLASSROOMS 1101 NOBLE BAKERSFIELD, CA</p> <p>TWO PORTABLE CLASSROOMS</p>

BUILDING DATA
OCCUPANCY = E TYPE OF CONSTRUCTION = VB (NON-SPRINKLERED) TEMP CLASSROOMS 4 (E) CLASSROOMS @ 960 S.F. (24'x40') EA. = 3,840 S.F. 2 (N) CLASSROOM @ 960 S.F. EA. = 1,920 S.F. 4 (E) CLASSROOMS OVERHANGS = 672 S.F. 2 (N) CLASSROOM OVERHANGS = 336 S.F. TOTAL = 5,768 S.F.
PER 2016 C.B.C. TABLE 503: ALLOWABLE AREA = 9,500 S.F. 6,768 PROPOSED < 9,500 ALLOWABLE = OK
INSPECTOR OF RECORD
A DSA CERTIFIED CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, C.C.R. TITLE 24, PARTS 1-5 AND 9 MUST BE ON SITE DURING CONSTRUCTION

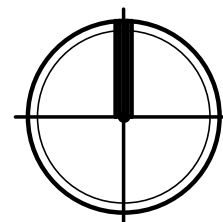
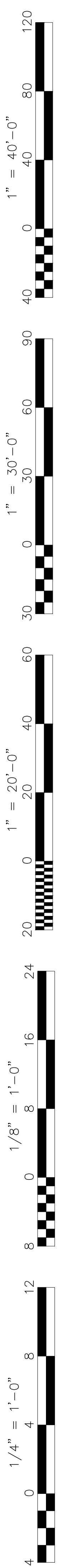
ARCHITECT'S STATEMENT
ARCHITECT'S STATEMENT FOR PLANS PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS THESE DRAWINGS AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED IN THE SHEET INDEX AND CHECKED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DOCUMENTS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME & COORDINATION WITH MY PLANS & SPECS IS ACCEPTABLE FOR INCORPORATION INTO CONSTRUCTION OF THIS PROJECT. THE ITEMS CHECKED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK). "THE STATEMENT OF GENERAL CONFORMANCE" SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES AND RESPONSIBILITIES UNDER SECTION 17302 AND 8138 OF THE EDUCATIONAL CODE AND SECTIONS 4-336, 4-431 AND 4-344 OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-417(B)). SEE THE SHEET INDEX ON THIS SHEET FOR DRAWINGS OTHER THAN ARCHITECTURAL APPLICABLE: <input checked="" type="checkbox"/> STRUCTURAL <input checked="" type="checkbox"/> PLUMBING <input checked="" type="checkbox"/> MECHANICAL <input checked="" type="checkbox"/> ELECTRICAL <input checked="" type="checkbox"/> CIVIL <input checked="" type="checkbox"/> RELOCATABLE BLDG.
SIGNATURE OF THE ARCHITECT/ENGINEER: [Signature] DATE: 02.21.19 CURR. TITLE APPLICATOR: CURTIS E. FLYNN ARCHITECT, INTEGRATED DESIGNS BY SOMM, INC. LICENSED NUMBER: C-28966 EXPIRATION DATE: 05-31-19

GENERAL NOTES
1. ALL WORK SHALL CONFORM TO 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS 2. CHANGES MADE TO THE APPROVED DRAWINGS AND SPECS SHALL BE MADE BY ADDENDUM OR C.C.D., APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R. 3. REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL INFORMATION REGARDING THE RELOCATABLE BUILDINGS 4. DSA ACCEPTED TESTING LABORATORY TO BE DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT 5. THE INTENT OF THESE DRAWINGS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, C.C.R. A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. 6. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES 7. THE FOLLOWING DOCUMENTS SHALL BE ON THE JOBSITE PRIOR TO INSTALLATION OF UNITS: A. IN-PLAN VERIFIED REPORT B. LABORATORY VERIFIED REPORT C. WELDING VERIFIED REPORT THE SITE INSPECTOR SHALL VERIFY THE ABOVE DOCUMENTS AND SERIAL NUMBERS ARE APPLICABLE TO EACH UNIT PRIOR TO INSTALLATION OF THE UNITS. NOTIFY ARCHITECT AND DIVISION OF THE STATE ARCHITECT FIELD ENGINEER IF ANY DISCREPANCIES OCCUR

SEISMIC DATA
WIND DESIGN DATA [2016 CBC 1603A.1.4] 1. ULTIMATE DESIGN WIND SPEED V = 110 MPH 2. RISK CATEGORY II 3. WIND EXPOSURE CATEGORY C 4. INTERNAL PRESSURE COEFFICIENT +/- 0.18 5. ENCLOSURE CLASSIFICATION ENCLOSED
EARTHQUAKE DESIGN DATA [2106 CBC 1603.A.1.5] SITE COORDINATES: 35.39932°N, 118.98179°W 1. RISK CATEGORY II 2. SEISMIC IMPORTANCE FACTOR Ig = 1.0 3. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS Ss = 1.061g S1 = 0.390g 4. SITE CLASS 5. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS Sds = 0.761g Sd1 = 0.421g
GEOTECHNICAL INFORMATION [2106 CBC 1603.1.6] 1. ALLOWABLE SOIL BEARING PRESSURE = 1000 PSF

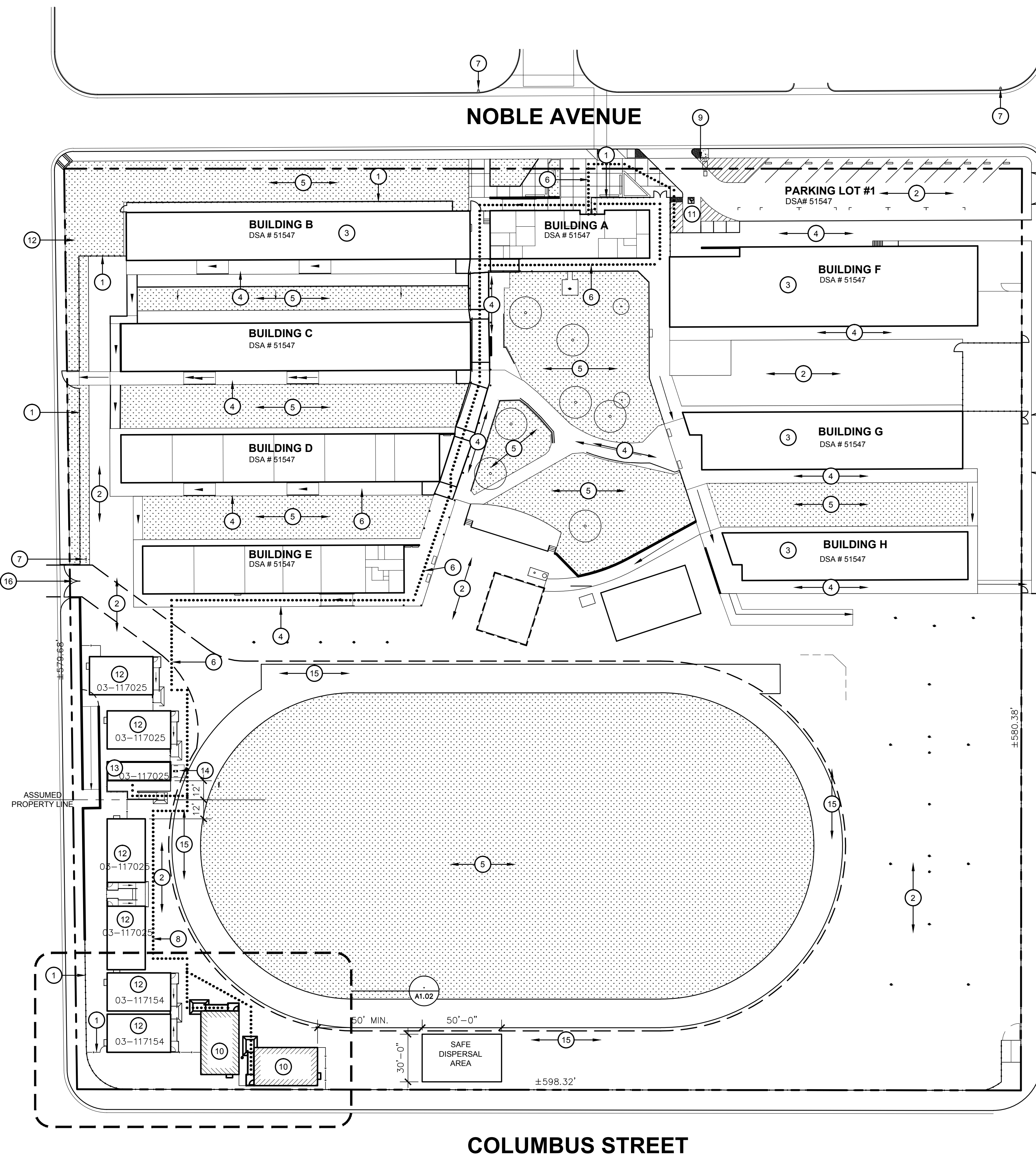
APPLICABLE CODES:
COMPLY WITH PART 1, TITLE 24, 2016 C.C.R. A COPY OF TITLE 24 SHALL BE ON SITE AT ALL TIMES. CONSTRUCTION SHALL COMPLY WITH TITLE 24 CALIFORNIA CODE OF REGULATIONS, INCLUDING THE FOLLOWING: TITLE 24, C.C.R. PART 2, 2016 CBC (2015 IBC, WITH CALIFORNIA AMENDMENTS). TITLE 24, C.C.R. PART 3, 2016 CEC (2014 NEC, WITH CALIFORNIA AMENDMENTS). TITLE 24, C.C.R. PART 4, 2016 CMC (2015 UMC, WITH CALIFORNIA AMENDMENTS). TITLE 24, C.C.R. PART 5, 2016 CPC (2015 UPC, WITH CALIFORNIA AMENDMENTS). TITLE 24, C.C.R. PART 6, 2016 CEC TITLE 24, C.C.R. PART 9, 2016 CFC (2015 IFC, WITH CALIFORNIA AMENDMENTS). TITLE 19, C.C.R. NFPA 72, 2016 EDITION (AS PER CA AMENDMENTS)

SYMBOLS
SECTION KEY SECTION IDENTIFICATION SHEET NUMBER (A3.03)
DETAIL KEY DETAIL NUMBER SHEET NUMBER (1/A2.01)
INTERIOR ELEVATION KEY ELEVATION DIRECTION ELEVATION IDENTIFICATION SHEET NUMBER (A5.01)
ELEVATION DATUM INDICATES HEIGHT IN RELATION TO 0'-0" +1'-0"
ROOM NUMBER / FINISH TAG OFFICE ROOM NAME ROOM NUMBER (100)
WINDOW SCHEDULE KEY (A)
KEYNOTE SCHEDULE KEY (1)
DOOR SCHEDULE KEY (201)



OVERALL SITE PLAN
TWO PORTABLE CLASSROOMS

SCALE: 1" = 40'



ACCESSIBILITY NOTES

- 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 PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS 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 NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.
- ARCHITECT HAS INSPECTED THE PATH OF TRAVEL (P.O.T.) AS INDICATED ON THE PLANS AND HAS FOUND IT TO BE, OR HAS INDICATED ON THE PLANS REMEDIAL WORK WHICH WOULD CAUSE IT TO BE, A BARRIER-FREE ACCESSIBLE ROUTE:
 - AT LEAST 48" IN WIDTH; OR AS APPROVED BY CODE
 - FREE OF ABRUPT LEVEL CHANGES EXCEEDING 3/8" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING 3/8"
 - WITH A FIRM, STABLE, AND SLIP RESISTANT WALKING SURFACE
 - WITH A RUNNING SLOPE OF 1:20 (5%) OR LESS AND WITH A CROSS SLOPE OF 1:50 (2%) OR LESS OR A RAMP WITH A RUNNING SLOPE OF 1:12 (8.33%) AND A CROSS SLOPE OF 1:50 (2%) WITH APPROPRIATE REQUIREMENTS AS DETAILED WITHIN THIS SET OF DOCUMENTS.
 - IS FREE OF OVERHEAD OBSTRUCTIONS WITHIN 80" ABOVE THE WALKING SURFACE
 - IS FREE OF OBJECTS WHICH PROTRUDE MORE THAN 4" BETWEEN THE HEIGHTS OF 27" AND 80" ABOVE THE WALKING SURFACE

KEY NOTES

- (E) CHAIN LINK FENCE AND GATE TO REMAIN
- (E) A.C. PAVING TO REMAIN
- (E) BUILDING TO REMAIN (NO WORK)
- (E) CONCRETE WALK TO REMAIN (NO WORK)
- (E) TURF AND IRRIGATION TO REMAIN
- EXISTING ACCESSIBLE PATH OF TRAVEL PER DSA APP 03-117025
- EXISTING FIRE HYDRANT PER DSA APP 03-117025
- ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE, THIS SHEET
- (E) SITE ENTRANCE TOW AWAY SIGNAGE PER DSA APP NO. 03-117025
- (N) PORTABLE CLASSROOM ON WOOD FOUNDATION INSTALLED PER MANUFACTURERS DRAWINGS
- (E) ACCESSIBLE PARKING STALL AND SIGNAGE, PER DSA APP- 03-117025
- (E) MODULAR CLASSROOM, NO WORK
- (E) ACCESSIBLE RESTROOM, DSA APP- 03-117025
- (E) ACCESSIBLE DRINKING FOUNTAIN, DSA APP- 03-117025
- 20' WIDE FIRE TRUCK ACCESS LANE
- FIRE TRUCK ACCESS GATE W/ KNIX BOX PER LOCAL FIRE MARSHAL APPROVAL
- EXISTING POWER POLE.

PARKING CALCULATION

EXISTING PARKING LOT #1

TOTAL STALLS PROVIDED:	19
ACCESSIBLE STALLS REQUIRED PER CBC TABLE 11B-208.2:	1
VAN SPACES REQUIRED (1 PER 6 ADA):	0
ACCESSIBLE STALLS PROVIDED:	0 REGULAR 1 VAN 1 TOTAL

LOCAL FIRE AUTHORITY

DSA 810
LOCAL FIRE AUTHORITY REVIEW

To obtain the Seal of the State Architect (DSA) approval of the Final Safety portion of a project, DSA requires the Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that will require a permit for any work on the fire or life safety system for the project. For additional information, see DSA 03-117025.

Project Information:
 Project Name: Bakersfield City School District
 Project Address: 1101 Noble, Bakersfield, CA
 Local Fire Authority (LFA) Name: Bakersfield Fire
 LFA Review Date: 02/21/19
 LFA Reviewer: Mike Penz
 LFA Reviewer Title: Fire Marshal
 LFA Reviewer Signature: [Signature] Date: 02/21/19

Item	Description	Y	N	NA	EX
1	Where an alteration or repair is required, the project shall comply with the California Building Code (CBC), use of alternatives for emergency escape and egress travel paths is prohibited.				
2	Access roads, fire lanes, ramps and gates shall be in accordance with Title 19, California Code of Regulations and the California Fire Code, Chapter 5.				
3	Fire hydrant location and distribution complies with the California Fire Code (see 4).				
4	Fire hydrant location and distribution complies with the California Fire Code (see 4). The location of the hydrant shall also comply with the requirements of this section.				
5	Is the project located in a hazard severity zone and CBC, Chapter 9A, Section 9A.1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
6	Check box if "Yes": <input type="checkbox"/> Minor <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/> Other				
7	Check box if "Yes": <input type="checkbox"/> Minor <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/> Other				
8	Comments (see attachment)				

DSA Reviewer: [Signature] Date: 02/21/19
 Seal of the State Architect, Department of General Services, State of California

FLOOD ZONE INFO

FLOOD ZONE DESIGNATION: ZONE X (0.2%)
 F.I.R.M. PANEL DESIGNATION: 06029C1840E
 EFFECTIVE DATE OF F.I.R.M.: 09 / 26 / 2008
 BASE FLOOD ELEVATION (BFE): -400 FT.
 COMMUNITY ORDINANCE SECTION: BMC 15.74.040

LEGEND

- [Hatched Box] INDICATES EXISTING BUILDING TO REMAIN (NO WORK), U.N.O.
- [Dotted Box] INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
- [Dashed Line] INDICATES ACCESSIBLE PATH OF TRAVEL

HYDRANT FLOW TEST

Hydrant Flow Test Report
 Test Date: 02/21/19 Test Time: 10:00am

Location	Washington Middle School 1101 Noble Street	Tested by	Dan Penz Mike Vrandenburg Joel Harrington (CWS)
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Notes:
 Read hydrant is located on the northwest corner of Noble St & Bucknell St. Flow hydrant is a private hydrant within school campus located on the east side of Bucknell St 200 ft south of Noble St & Bucknell St.

Read Hydrant:
 88 psi static pressure
 60 psi residual pressure
 576 ft hydrant elevation

Outlet #	Elev	Size	C	Pilot Pressure	Flow
#1	583	4"	9"	28	2274 gpm

Flow Graph:
 9673.6 gpm at 20 psi

Created with the free hydrant flow test program from www.ignisarc.com

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 10/1/2019

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Rev.	Date	Description

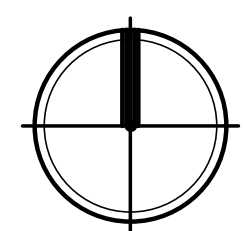
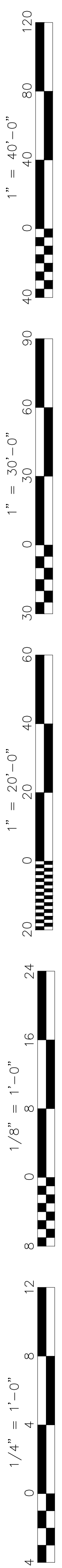
OVERALL SITE PLAN
 WASHINGTON MIDDLE SCHOOL
 TWO PORTABLE CLASSROOMS
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE BAKERSFIELD, CA

Issue Date: 7/1/18
 Date: 02/21/19
 Designer: [Signature]
 DR: [Signature]
 PC: [Signature]

Stamp(s):

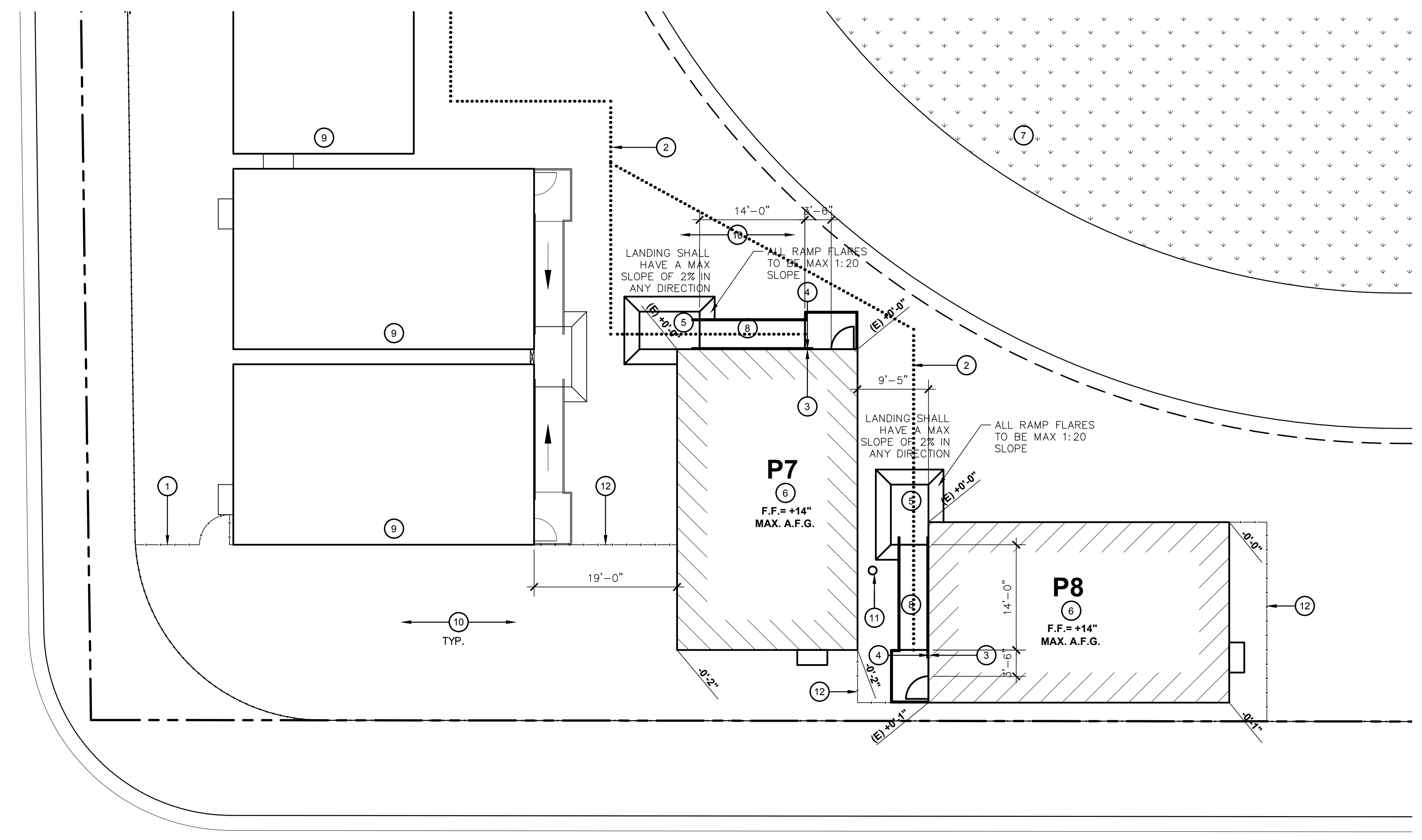


Job No.: **5338**
 Sheet No.: **A1.01**
 Release: -



**ENLARGED SITE PLAN
TWO PORTABLE CLASSROOMS**

SCALE: 1" = 10'



KEY NOTES

1. EXISTING CHAIN LINK FENCE AND GATE TO REMAIN
2. EXISTING ACCESSIBLE PATH OF TRAVEL, VERIFY IN FIELD FOR COMPLIANCE
3. NEW TACTILE EXIT SIGN PER DETAIL 2/A1.03
4. NEW ROOM IDENTIFICATION AND ISA SIGNAGE, REFER TO DETAILS 3, 4/A1.03
5. A.C. PAVED RAMP TRANSITION PER DETAIL 6/A1.03
6. NEW PORTABLE BUILDINGS ON RAISED WOOD FOUNDATIONS WITH METAL RAMP SUPPLIED BY MANUFACTURER. OWNER TO REMOVE ALL INTERFERING PLAY EQUIPMENT
7. EXISTING LANDSCAPE AREA TO REMAIN. NO WORK
8. METAL RAMP PER DRAWINGS
9. EXISTING BUILDING TO REMAIN. NO WORK
10. EXISTING A.C. PAVING TO REMAIN. NO WORK
11. EXISTING POWER POLE
12. NEW CHAINLINK FENCE PER DETAIL 13/A1.03

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119509 INC:
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GENERAL NOTES

- A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:
IF ANY CONDITION 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 C.C.D. 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.
*PER DSA IR 16-1, SEC. 5.4
- B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

SERIAL NUMBER SCHEDULE

CLSRM	STKP #	SERIAL #
P7	04-100596	35603 35604
P8	04-116284	11277 11278

SAFE DISPERSAL

TEMP CLASSROOMS
2 (N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 1,920 S.F.
1920 S.F. / 20 S.F. PER OCCUPANT = 96 OCCUPANTS
96 OCCUPANTS x 5 S.F. / OCCUPANT = 480 S.F. REQ'D
1500 S.F. PROVIDED = OK

NOTE:
SAFE DISPERSAL AREA MUST BE 50' MIN. AWAY FROM ANY BUILDING. AREA SHALL BE PROVIDED WITH A SAFE AND UNOBSTRUCTED PATH OF TRAVEL FROM ANY BUILDING

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
- INDICATES PROPOSED FIRE TRUCK ACCESS OVER A.C. PAVING
- INDICATES PROPOSED ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION

ENLARGED SITE PLAN
WASHINGTON MIDDLE SCHOOL
TWO PORTABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE BAKERSFIELD, CA

Issue Date:	7/1/18
Date:	02/21/19
Designer:	
DR:	
PC:	
RJD	

Stamp(s):

Job No.: **5338**

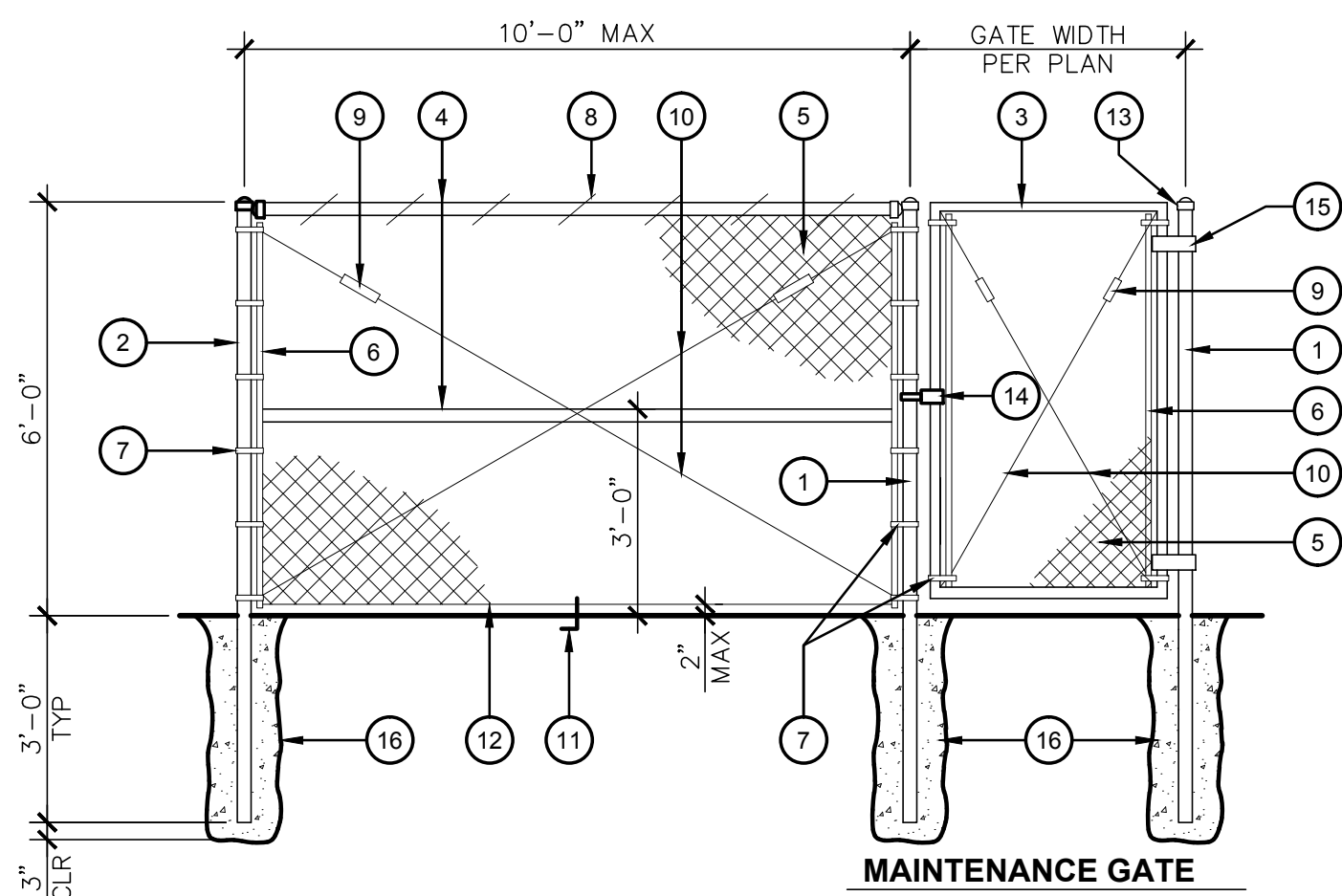
Sheet No.: **A1.02**

Release: -



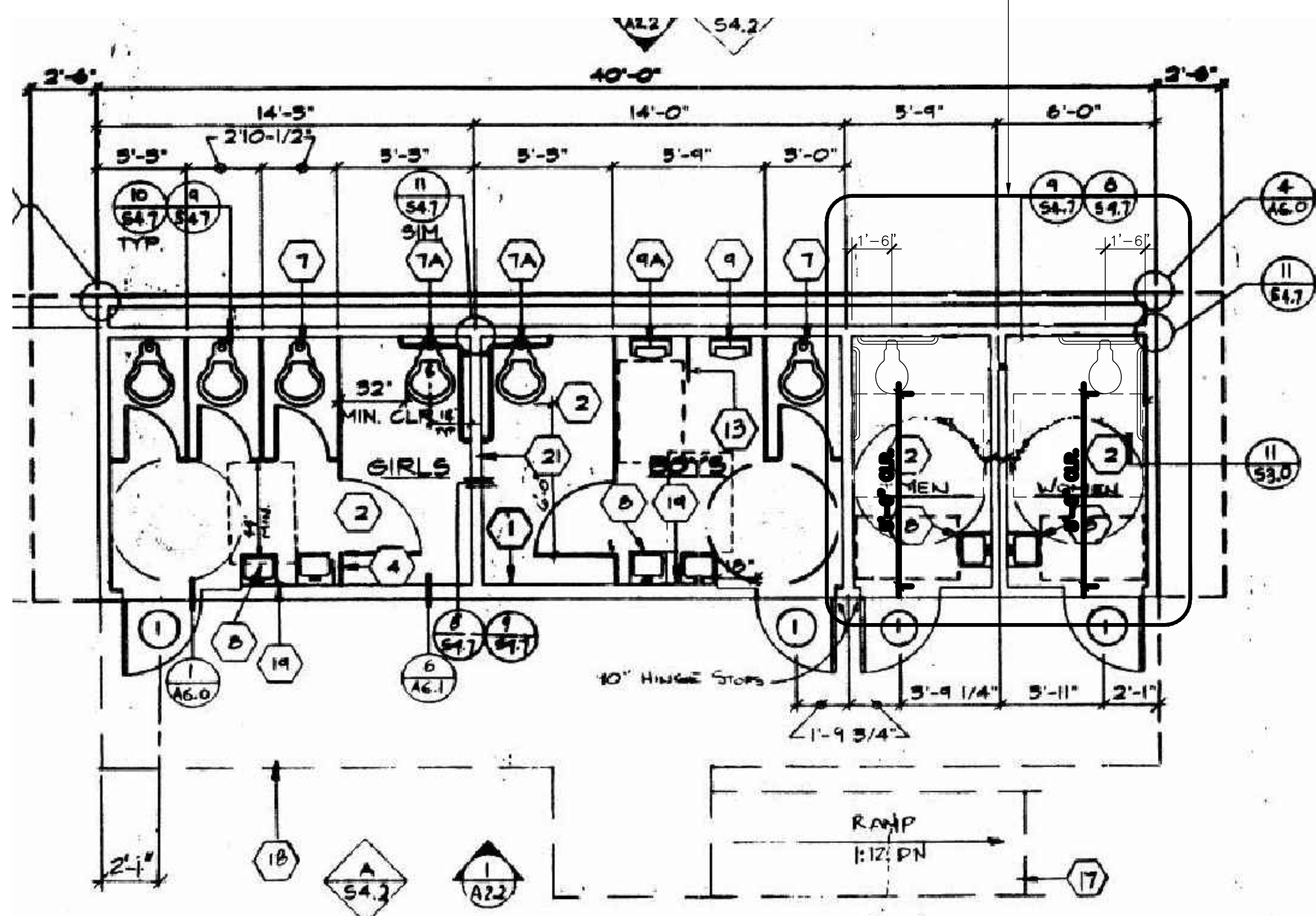
TYPICAL FENCE & GATE KEYNOTES

- 1 4" O.D. GALVANIZED STEEL GATE POST (9.1 lb/ft)
- 2 7/8" O.D. GALVANIZED STEEL END OR CORNER POST (5.79 lb/ft)
- 3 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lb/ft)
- 4 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lb/ft)
- 5 2"x2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
- 6 1/4"x3/4" GALVANIZED STEEL STRETCHER BAR
- 7 GALVANIZED STEEL STRETCHER BAR TENSION BAND, MIN. OF 6 TENSION BANDS
- 8 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAX. SPACING. MIN. 8 TIE WIRES PER EACH 10" HORIZONTAL RAIL
- 9 GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIA. TRUSS ROD
- 10 3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS AND END OR CORNER POST PANELS
- 11 3/8"x6" GALVANIZED HOOK BOLT WITH NUT IMBEDDED IN MIDWAY BETWEEN POSTS
- 12 7 GAUGE (0.177" DIA.) GALVANIZED STEEL TENSION WIRE
- 13 RAINPROOF CAP
- 14 LOCKING HASP
- 15 180° GATE HINGE, TYP
- 16 12"Ø CONCRETE POST FOOTING (TYP.)



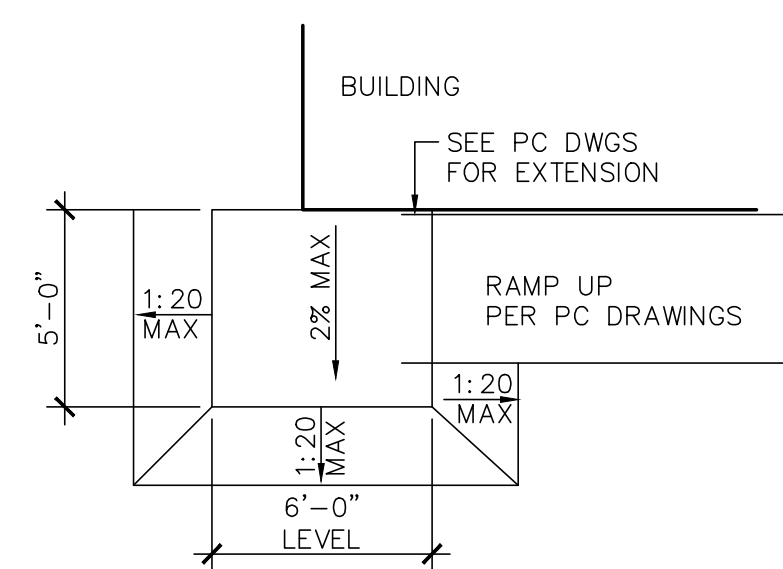
13 TYPICAL CHAIN LINK FENCE AND GATES
 A1.03 ADY100-01

- 1. REMOVE EXISTING WALL HUNG TOILET
- 2. REMOVE EXISTING GRAB BARS
- 3. RELOCATE REMOVED TOILET AND HANGING BRACKETS TO OPPOSITE WALL
- 4. RELOCATE REMOVED GRAB BARS TO OPPOSITE WALL



14 RESTROOM PLAN
 A1.03

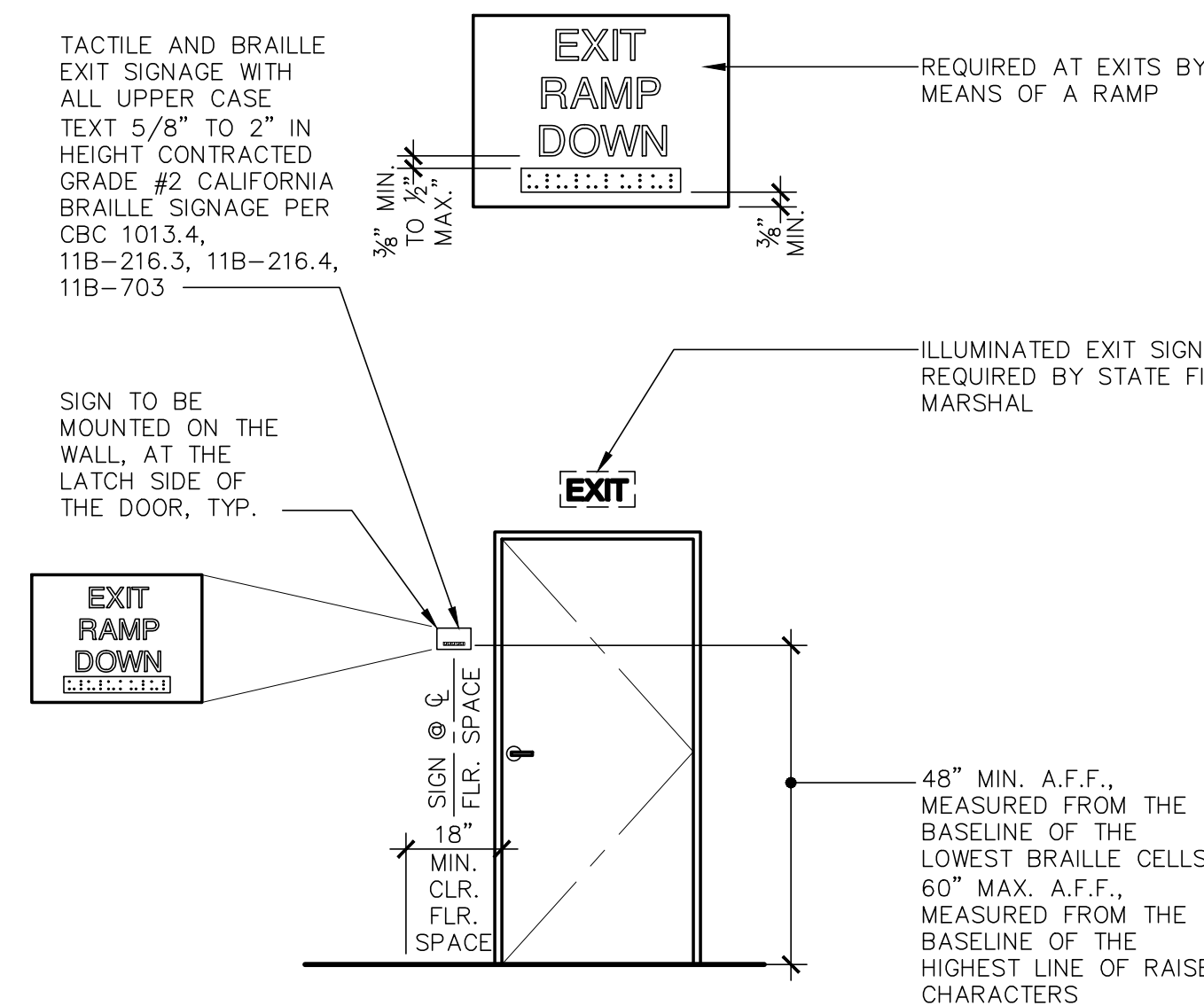
SCALE: N.T.S.



6 AC RAMP TRANSITION
 A1.03 ADA000-02

SCALE: 1' = 1'-0"

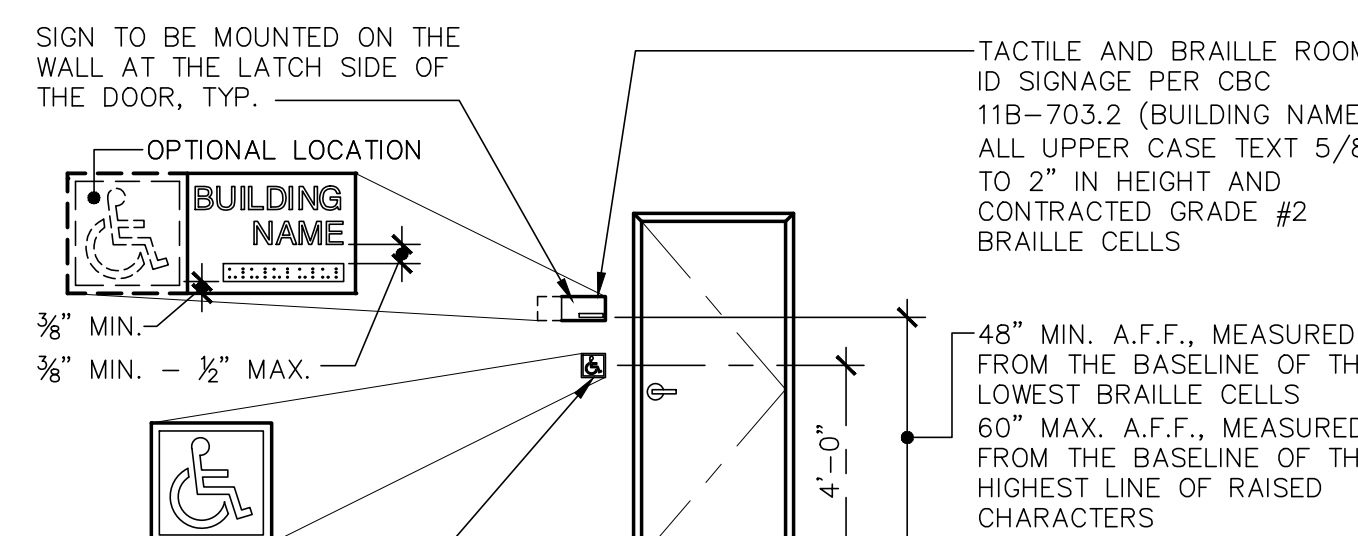
- NOTES:
- 1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
 - 2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS, (COUNTERSUNK) AND ADHESIVE.
 - 3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND



2 TYPICAL EXTERIOR DOOR SIGNAGE
 A1.03 ADX200-01

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

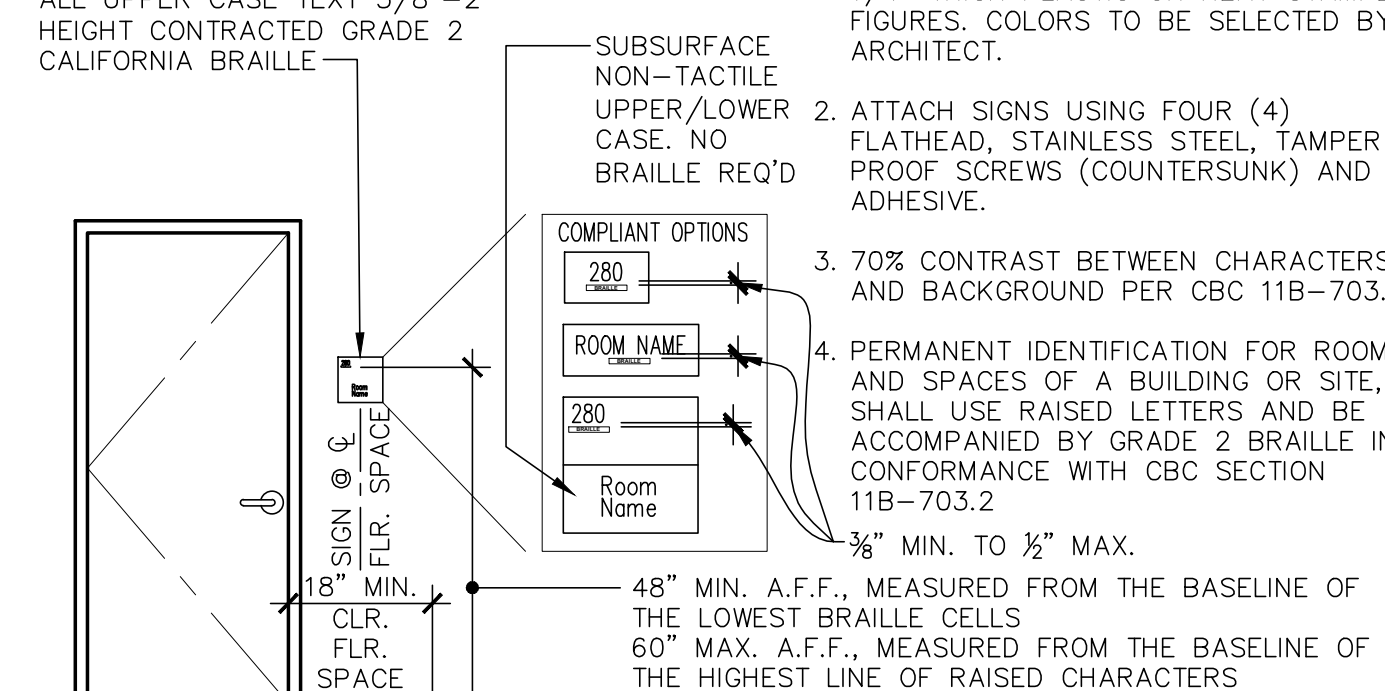
- NOTES:
- 1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
 - 2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
 - 3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND PER CBC 11B-703.5.1
 - 4. ISA SYMBOL CAN ALSO BE PLACED ON DOOR. THE LOCATION IS NOT REGULATED.



3 BUILDING ENTRANCE/I.S.A. SIGNAGE
 A1.03 ADA100-01

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

- TACTILE & BRAILLE ROOM ID SIGNAGE, CBC 11B-216.2
 ALL UPPER CASE TEXT 5/8"-2" HEIGHT CONTRACTED GRADE 2 CALIFORNIA BRAILLE
- NOTES:
- 1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
 - 2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
 - 3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND PER CBC 11B-703.5.1
 - 4. PERMANENT IDENTIFICATION FOR ROOMS AND SPACES OF A BUILDING OR SITE, SHALL USE RAISED LETTERS AND BE ACCOMPANIED BY GRADE 2 BRAILLE IN CONFORMANCE WITH CBC SECTION 11B-703.2



4 ROOM ID SIGNAGE
 A1.03 ADX100-01

SCALE: NO SCALE

NOBLE AVENUE

SHEET NOTES

- APPROXIMATE LOCATION FOR EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL TO REMAIN IN SERVICE. PROVIDE CONNECTION TO NEW FIRE ALARM DEVICES PER PLANS. UPDATE NEW FIRE ZONE MAP AND PROGRAM NEW DEVICES INFORMATION. MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUITS, AND FACP STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
- EXISTING FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. SURFACE MOUNT NEXT TO (E) FACE. FIELD VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION FOR EXISTING PA/IC EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
- APPROXIMATE LOCATION FOR EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
- APPROXIMATE LOCATION FOR EXISTING MASTER INTRUSION ALARM EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
- (E) SIGNAL CONDUITS, PULL IN NEW SIGNAL CABLES FOR NEW SIGNAL DEVICES CONNECTION. FIELD VERIFY LOCATION. SEE RISER DIAGRAMS.
- (E) DIST. PANEL DP. PROVIDE NEW MATCHING BREAKERS AND POWER CONNECTION FOR NEW PORTABLE CLASSROOM BUILDING PRE-WIRED PANELS. SEE SINGLE LINE DIAGRAMS.
- NEW POWER CONDUIT AND FEEDERS ON EXTERIOR WALL, FIELD VERIFY LOCATION. SEE SINGLE LINE DIAGRAMS.
- EXISTING FIRE ALARM AUDIO AND NAC SIGNAL BOOSTER PANEL AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. PROVIDE CONNECTION FOR NEW FA DEVICES PER PLANS. FIELD VERIFY EXACT LOCATION.

PROJECT NOTES

- SOURCE OF POWER HAS BEEN INVESTIGATED AND IS ADEQUATE FOR THE ADDITIONAL LOAD.
 - SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TEST.
 - CONTRACTOR TO MONITOR EXISTING FIRE ALARM SYSTEM IF IT IS INTERRUPTED OR DISCONNECTED.
- (E) INDICATE EXISTING CONDUIT AND WIRING. FOR REFERENCE ONLY, FIELD VERIFY AS REQUIRED.

MEP COMPONENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAILS IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 12.6.8, 13.6.5.6 AND 2016 CBC, SECTION 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENT ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEM (E):

MP MD PP E E - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP MD PP E E - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) # _____

MP MD PP PP - OPTION 3: SHALL COMPLY WITH SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA, FASTENERS AND ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL _____ AND CONNECTION LEVEL _____ FOR THE PROJECT AND CONDITIONS.

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APP. 03-119509 INC.
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DATE: 10/1/2019

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www.integratedesigns.com

Revision Description:	Rev. Date:

SHEET TITLE: SITE PLAN - ELECTRICAL
PROJECT NAME & ADDRESS: WASHINGTON MIDDLE SCHOOL TWO PROBABLE CLASSROOMS BAKERSFIELD CITY SCHOOL DISTRICT 1101 NOBLE AVE., BAKERSFIELD, CA

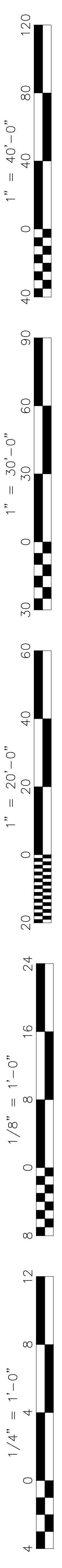
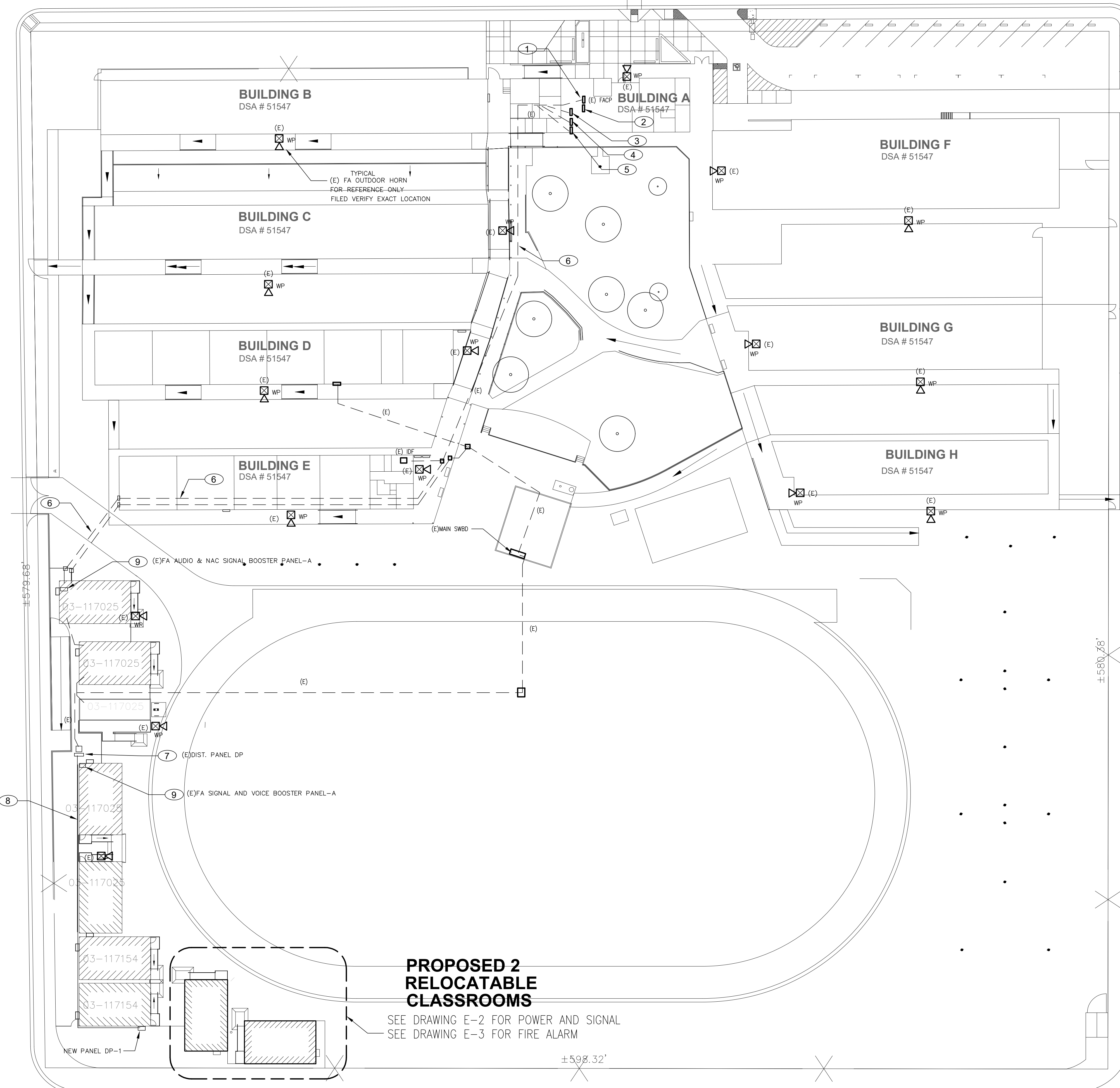
Issue Date: 7/11/18	Date: 02/25/19	Designer: JCH	DR: JCH	PC: RJD
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FILE #: 15-6
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OFFICE OF REGULATION SERVICES
DSA APPLICATION NO.
AC _____ FLS _____ SS _____
DATE _____
TRACKING #: DSA TRACKING NO. _____

Stamp(s):
Job No.: 5338
Sheet No.: E-1
Release:

CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
2017 E. DELATOUR AVE., FRESNO CA 93710
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REGISTERED PROFESSIONAL ENGINEER
JOHN S. CHONG
E 14419
Exp. 6/30/2020
ELECTRICAL
STATE OF CALIFORNIA

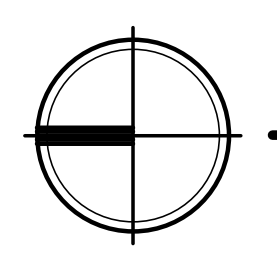
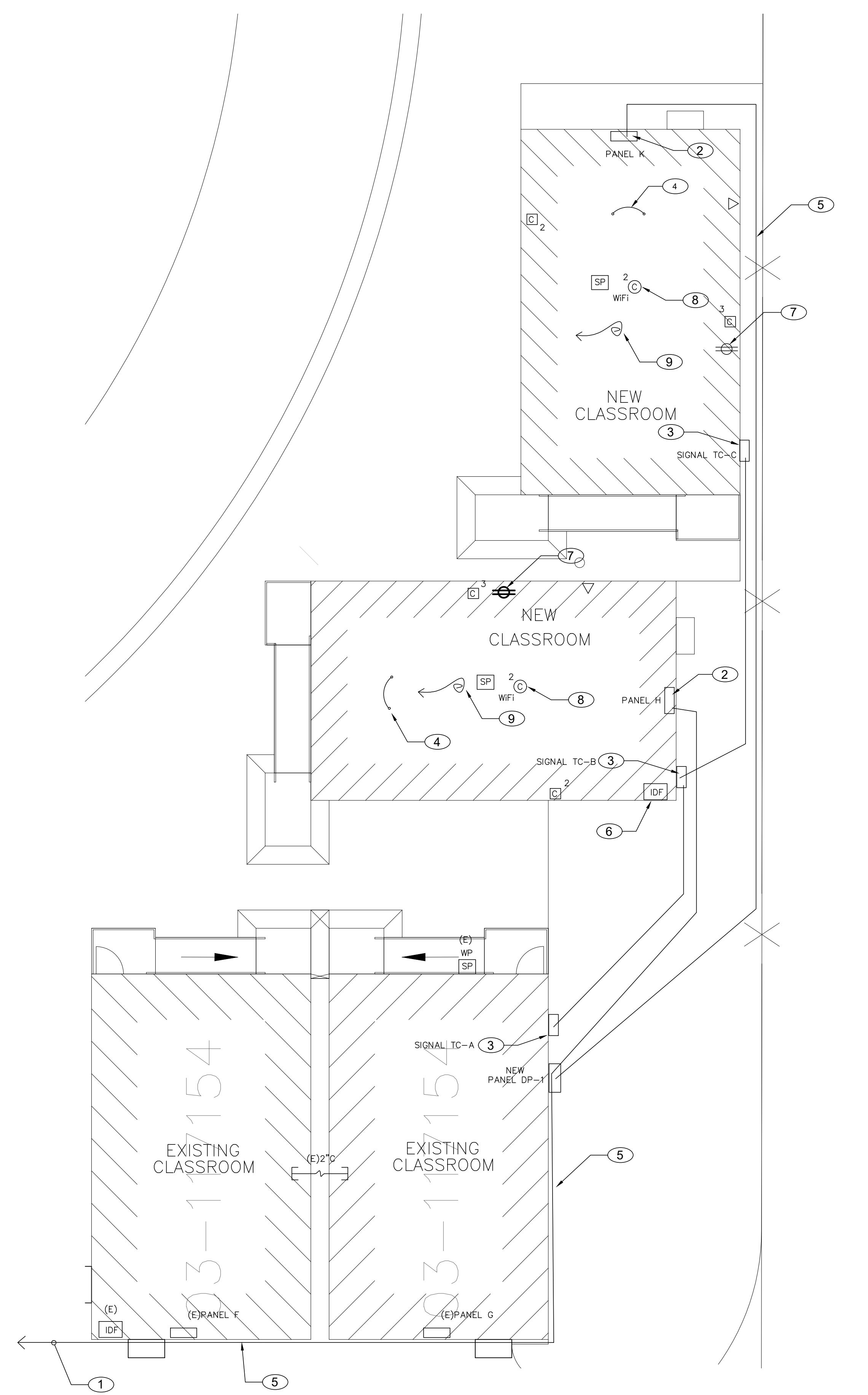
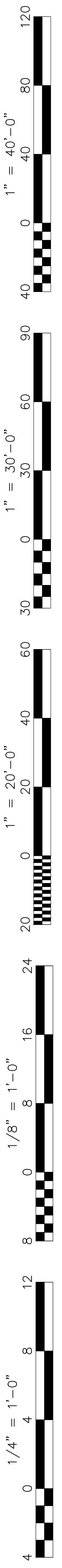


SITE PLAN - ELECTRICAL

PROPOSED 2 RELOCATABLE CLASSROOMS

SEE DRAWING E-2 FOR POWER AND SIGNAL
SEE DRAWING E-3 FOR FIRE ALARM

SCALE : 1" = 30' - 0"



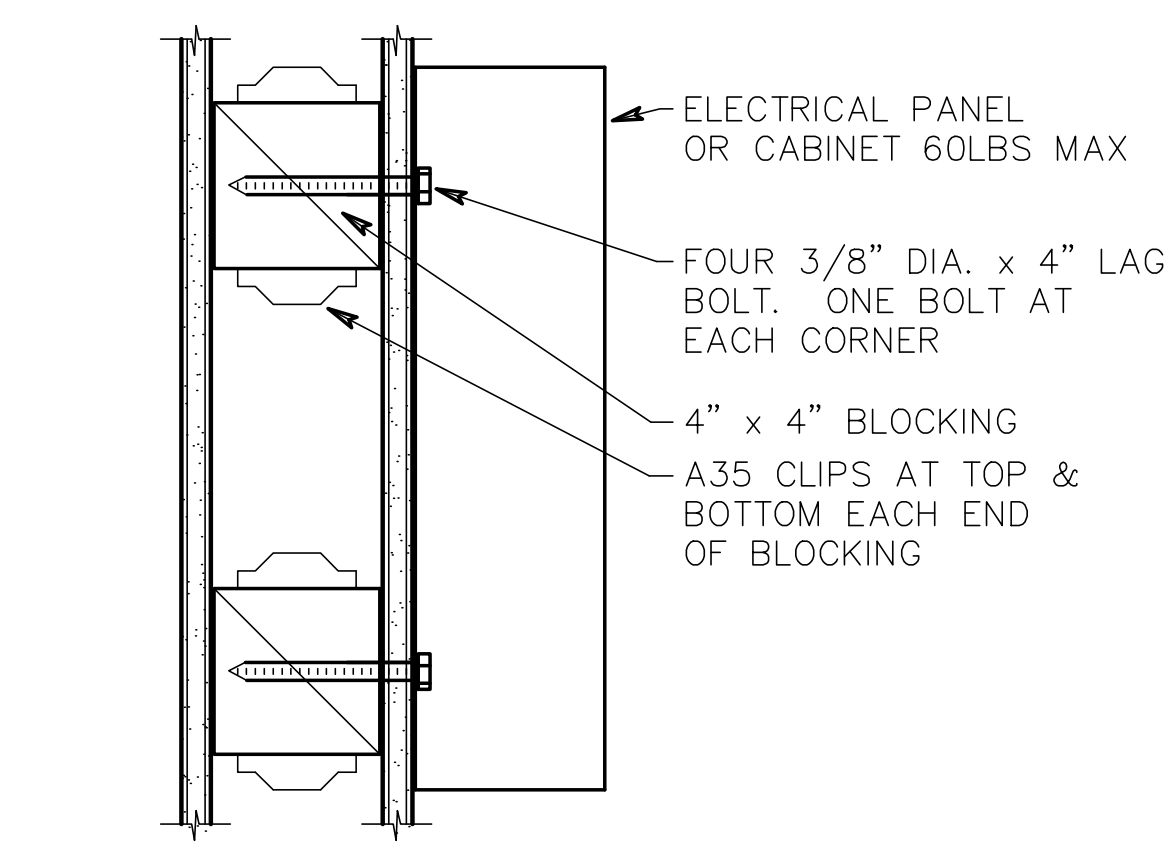
POWER AND SIGNAL PLAN

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

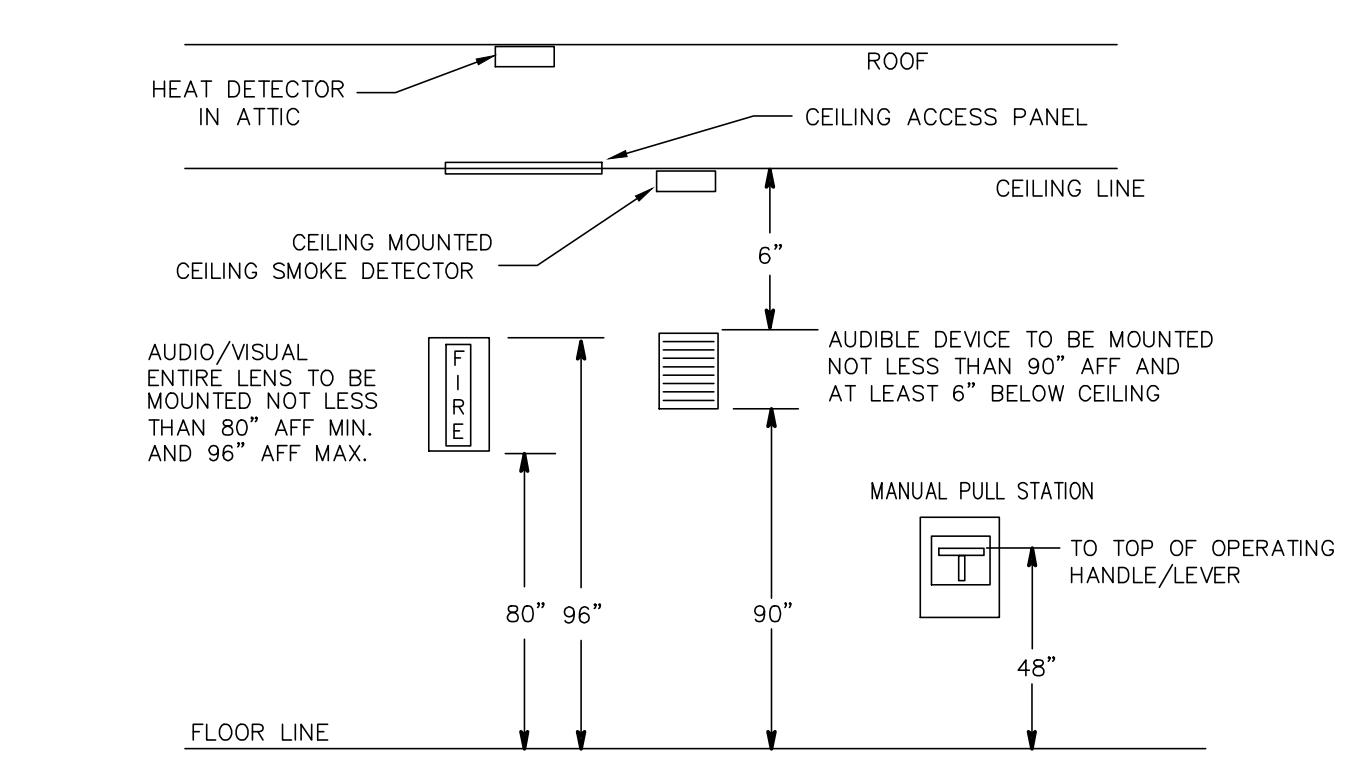
(E) PANEL A

DXT	SERVING	NOTE	120/240V 1Ø 3W		REAR	FLUSH	SERVING	DXT
			ØA	ØB				
1	RECEPTACLE	12/12/20/1	0.7	7.1	60/2	8	110	2
3	RECEPTACLE	12/12/20/1		0.7	7.1			4
5	SPACE	12/12/20/1			20/1	12	12	6
7	SPACE	12/12/20/1			20/1	12	12	8
9	INT/EXT LIGHTS	12/12/20/1	0.9		20/1	12	12	10
11	INT LIGHTS	12/12/20/1	0.8	0.1	20/1	12	12	2
			8.7kVA	8.7kVA				
			72A	72A				

NOTES:
 1. PROVIDE CIRCUIT DIRECTORY INSIDE PANEL
 2. PROVIDE NEW MATCHING BREAKER AND MECHANICAL LOCK ON BREAKER PER NFPA 72, 10.6.5.2: DEDICATED CIRCUIT, MECHANICALLY PROTECTED (LOCKOUT), RED MARKING, ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, ID'D AS FIRE ALARM, EMERGENCY COMMUNICATIONS OR FIRE ALARM/FCS. LOCATION OF CIRCUIT DISCONNECT (BREAKER) PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.



1 SURFACE MOUNTED IDF DETAIL N.T.S.



2 TYPICAL FIRE ALARM DEVICES MT'D DETAIL N.T.S.

FIRE ALARM SEQUENCE OF OPERATIONS

MANUAL PULL STATION	ACTIVE ALARM FAULT	ACTIVE ALARM AT REMOTE ANNUNCIATOR	SMOKE DETECTOR	HEAT DETECTOR	DUCT DETECTOR	FIRE SPRINKLER WATERFLOW SWITCH	FIRE SPRINKLER TAMPER SWITCH	POST INDICATOR VALVE	WIRING CONDITIONS	SIGNALING LINE CIRCUIT (SLC)-	INITIATING DEVICE CIRCUIT (IDC)-	NOTIFICATION APPLIANCE CIRCUIT (NAC)-	LOSS OF 120VAC POWER	SIGNAL SILENCE	RESET FAULT
X	X	X	X	X	X	X	X	X		WIRE-TO-WIRE SHORT	WIRE-TO-WIRE SHORT	WIRE-TO-WIRE SHORT			
			X	X	X	X	X	X		SINGLE OPEN	SINGLE OPEN	SINGLE OPEN			
			X	X	X	X	X	X		SINGLE GROUND	SINGLE GROUND	SINGLE GROUND			
			X	X	X	X	X	X		SINGLE GROUND	SINGLE GROUND	SINGLE GROUND			
			X	X	X	X	X	X		INITIATING DEVICE CIRCUIT (IDC)-	INITIATING DEVICE CIRCUIT (IDC)-	INITIATING DEVICE CIRCUIT (IDC)-			
			X	X	X	X	X	X		WIRE-TO-WIRE SHORT	WIRE-TO-WIRE SHORT	WIRE-TO-WIRE SHORT			
			X	X	X	X	X	X		SINGLE OPEN	SINGLE OPEN	SINGLE OPEN			
			X	X	X	X	X	X		SINGLE GROUND	SINGLE GROUND	SINGLE GROUND			
			X	X	X	X	X	X		INITIATING DEVICE CIRCUIT (IDC)-	INITIATING DEVICE CIRCUIT (IDC)-	INITIATING DEVICE CIRCUIT (IDC)-			
			X	X	X	X	X	X		WIRE-TO-WIRE SHORT	WIRE-TO-WIRE SHORT	WIRE-TO-WIRE SHORT			
			X	X	X	X	X	X		SINGLE OPEN	SINGLE OPEN	SINGLE OPEN			
			X	X	X	X	X	X		SINGLE GROUND	SINGLE GROUND	SINGLE GROUND			
			X	X	X	X	X	X		LOSS OF 120VAC POWER	LOSS OF 120VAC POWER	LOSS OF 120VAC POWER			
			X	X	X	X	X	X		SIGNAL SILENCE	SIGNAL SILENCE	SIGNAL SILENCE			
			X	X	X	X	X	X		RESET FAULT	RESET FAULT	RESET FAULT			

NOTE: SOME SEQUENCE OF OPERATIONS SHOWN MAY NOT APPLY

SHEET NOTES

- 2" C AND FEEDERS TO EXISTING DIST. PANEL DP. PROVIDE NEW MATCHING BREAKERS AND POWER CONNECTION FOR NEW PANEL DP-1. SEE SINGLE LINE DIAGRAM 1/E-4.
- PROVIDE POWER CONNECTION FOR RELOCATABLE BUILDING PRE-WIRED PANEL. SEE SINGLE LINE DIAGRAM ON DRAWING 1/E-4.
- PROVIDE 12"x12"x4" NEMA3R TC ON EXTERIOR WALL AND STUB (2)2" INTO BUILDING CEILING CAVITY FOR SIGNAL WIRING RACEWAY. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED. PULL BACK PA/IC/TELE CABLE TO ADMIN OFFICE MASTER EQUIPMENT FOR NEW DEVICES CONNECTION. SEE RISER DIAGRAMS.
- PROVIDE #6 COPPER GROUNDING CONDUCTOR AND BOND TO EACH SECTION STRUCTURAL STEEL BEAM. FIELD VERIFY EXACT LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- NEW SURFACE MOUNTED POWER CONDUITS AND FEEDERS ON EXTERIOR WALL. SEE DETAIL 6/E-4.
- NEW IDF AND CABINET SURFACE MOUNTED BELOW CEILING. SEE DETAIL 7/E-4. PROVIDE 110V POWER CONNECTION, DATA SWITCH, FO CABLE AND DATA CABLE PATCH PANEL FOR NEW DATA OUTLET CONNECTION. PROVIDE FO CABLE TO (E) MDF IN ADMIN OFFICE FOR INTERCONNECTION. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM 2/E-4.
- DATA AND POWER OUTLET AT CEILING FOR SMART BOARD. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
- PROVIDE CEILING DATA OUTLET AT CENTER OF ROOM FOR WIRELESS ACCESS POINT. SEE RISER DIAGRAM 2/E-4.
- STUB OUT AND COIL UP 30 FEET (5) CAT-6E ABOVE CEILING AT CENTER OF ROOM FOR FUTURE DATA OUTLET. SEE RISER DIAGRAM 2/E-4.

SIGNAL AND COMM. LEGEND

- SECURITY ALARM SYSTEM**
 FURNISH AND INSTALL BY OWNER'S VENDOR. COORDINATE AND PROVIDE RACEWAY PER PLANS.
- COMMUNICATION (TELEPHONE/INTERCOM) SYSTEM**
- ▽ HANSET/HP PHONE OUTLET AT 46" AFF - PROVIDE BLUE COLOR CAT.6E 4UTP CABLE TO IDF PATCH PANEL. HUBBELL WHITE COLOR JACK AND FACEPLATE.
 - SP CEILING SPEAKER AT +84" AFF - RAULAND #J5221 W/AC1401 BAFFLE. PROVIDE BACKBOX AND CEILING SUPPORT AS REQUIRED. PROVIDE CAT.5E YELLOW CABLE TO IDF 66 BLOCK FOR TERMINATION.
 - SP OUTDOOR SPEAKER AT +84" AFF - ATLAS #APF15 HORN W/XEMR AND LOWELL (#C884 FOR SURFACE, #P875X FOR RECESS) BACK BOX W/SOLK GRILL. PROVIDE CAT.5E YELLOW CABLE TO IDF 66 BLOCK FOR TERMINATION.
- DATA COMMUNICATION SYSTEM**
- IDF WALL MOUNT DATA CABINET, MODEL: HUBBELL #RE SERIES WITH EXHAUST FAN. PROVIDE (1) 48 PORT PATCH PANEL, MODEL: HUBBELL #JDK48U. DATA SWITCH FURNISH BY OWNER. INSTALL BY CONTRACTOR. PROVIDE ALL HARDWARE AND PATCH CABLE AS REQUIRED FOR A COMPLETE FUNCTION SYSTEM. PROVIDE 66 BLOCK INSIDE CABINET FOR SPEAKER WIRING TERMINATION.
 - C3 WALL DATA OUTLET AT +18" AFF - NUMBER 3 INDICATED (THREE DATA DROP) HUBBELL WHITE COLOR JACKS AND FACEPLATE WITH CAT 6E 4UTP CABLE TO IDF PATCH PANEL.
 - C2 CEILING DATA OUTLET FOR WIRELESS ACCESS POINT WITH (TWO) R/45 JACK. HUBBELL WHITE COLOR JACKS AND FACEPLATE WITH CAT 6A 4UTP CABLE TO IDF PATCH PANEL.

- T OUTDOOR TELE/IC CABLE. 22AWG SOLID COPPER 25 PAIR OSP TELEPHONE CABLE.
- P1 PA/IC CABLE. CAT.5E YELLOW CABLE TO IDF 66 BLOCK FOR TERMINATION.
- FO FIBER OPTIC CABLE VIA INNER DUCT WITH J-HOOK IN ATTIC AND 2" C FOR OUTDOOR. 12 STAND OM4 MULTIMODE CABLE. TERMINATED IN TO FUSION SPLICED CONNECTORS AND PUT INTO HUBBLE BULKHEADS INSIDE IDF.
- C1 GENERAL CABLE BLUE COLOR CAT 6E 22AWG 4UTP.
- C2 GENERAL CABLE BLUE COLOR CAT 6A 22AWG 4UTP. (WIRELESS ACCESS POINT)

NOTES:

- ALL SIGNAL CONDUCTORS CANNOT SPLICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUOUS RUN BETWEEN SIGNAL DEVICES BACK BOX OR ABOVE GROUND TERMINAL CABINET.
- IN CASE OF CONFLICT BETWEEN SIGNAL DEVICES CATALOG NUMBERS, DESCRIPTION SHALL PREVAIL.

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Project Name & Address:
WASHINGTON MIDDLE SCHOOL
TWO PROBABLE CLASSROOMS
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE., BAKERSFIELD, CA

Revision Description:
 Revision:
 Rev. Date:

Sheet Title:
POWER AND SIGNAL PLAN

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 Designer: DR: RUD
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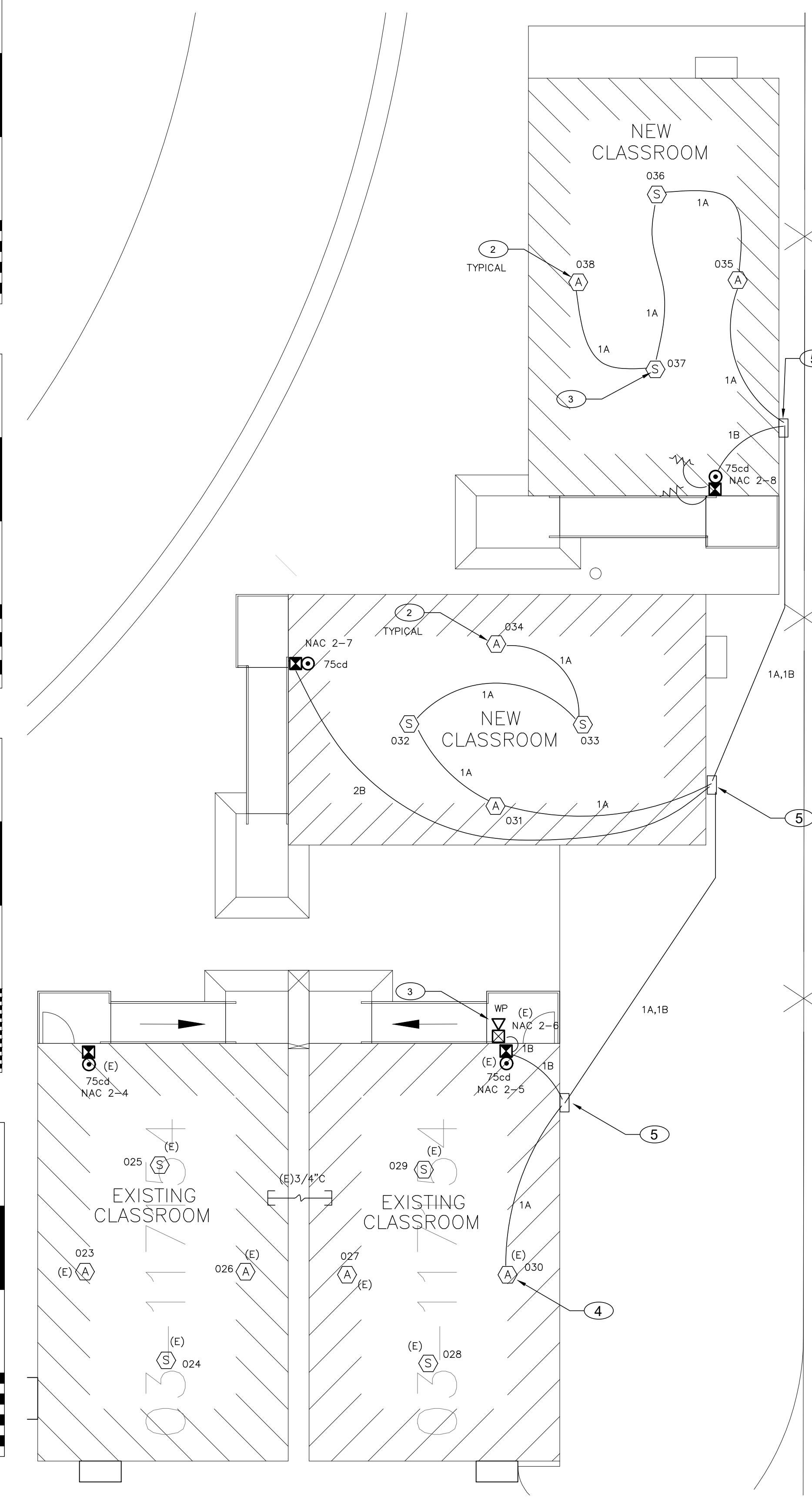
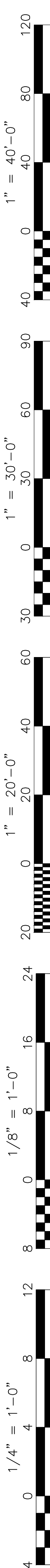
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FIRE ALARM PLAN

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

VOLTAGE DROP CALCULATION

WORST CASE VOLTAGE DROP AT THE LAST DEVICE

VD = VOLTAGE DROP
 I = TOTAL LOAD
 K = 21.6
 L = DISTANCE TO THE LOAD
 CM = CIRCULAR MILLS (CROSS SECTION OF 12 AWG = 6530)
 V = VOLTAGE (24Vdc)
 VD = $K \cdot I \cdot L \cdot 21$

SIGNAL CKT NO.	AMPERES	APPROX LENGTH	RESISTIVITY OHM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
OKT. A SPEAKER	0.835A	770'	21.6	12	6530	2.127V	8.9%
OKT. A SPEAKER	0.08A	770'	21.6	12	2580	0.516V	2.1%

F.A. MONITORING NOTES

- THE AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND AMENDED EITHER UJFX OR UJUS BY UNDERWRITERS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BY ARRANGED BY OWNER.

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

- THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.
- THE AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION.

FIRE ALARM SYMBOLS AND SCHEDULE

ITEM	DESCRIPTION	MODEL NUMBER	CSFM NUMBER	MOUNT	BACK BOX
[E] FACP	(E) FACP FOR REFERENCE ONLY	NOTIFIER #NFS-320	7165-0028:243	+60"	EQUIPMENT CABINET
[NAC]	NAC SIGNAL AND AUDIO BOOSTER PANEL	WHEELLOCK #SPB-80/4	6911-0785:157	+60"	EQUIPMENT CABINET
[DVC]	DIGITAL VOICE COMMAND CENTER INTERCONNECT WITH (E) FACP IN ADMIN OFFICE	NOTIFIER #DVC SBB-C4 ADDR-C4 (NFS2-640)	7165-0028:243	+60"	EQUIPMENT CABINET
[S]	SPEAKER STROBE WITH EVACUATION SPEAKER 15cd 30cd 75cd 110cd	NOTIFIER #SPS WR	7320-1653:201	+80"	4"SQ X 2 1/2"D
[WP]	OUTDOOR EVACUATION SPEAKER WITH WEATHERPROOF BOX	NOTIFIER #SPRK WMBB	7320-1653:201	+90"	4"SQ X 2 1/2"D
[S]	ADDRESSABLE CEILING SMOKE DETECTOR WITH BASE	NOTIFIER #FSP-851/B710P	7272-0028:206	CEILING	4"SQ X 2 1/2"D
[A]	ATTIC HEAT DETECTOR 190° TEMP WITH BASE	NOTIFIER #FST-851H/B710P	7270-0028:196	ATTIC	4"SQ X 2 1/2"D
[]	FIRE ALARM CABLE POWER LIMITED	WEST PENN AQ SERIES	7161-0859:0101		
[]	END OF LINE RESISTOR	N/A	N/A	LAST DEVICE	4"SQ X 2 1/2"D

FA CABLE SCHEDULE

TYPE	DESCRIPTION
A	INITIALING CIRCUIT CABLE 2#16 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE VIA MIN. 3/4" CONDUIT INSTALLATION. WEST PENN #D990 OR EQUAL.
B	NAC SIGNAL CIRCUIT CABLE 2#12 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE PLUS SPEAKER CIRCUIT CABLE 2#16 AWG SOLID TWIST COPPER PVC JACKET POWER LIMITED FPLR. MIN. 3/4" CONDUIT INSTALLATION

BATTERY POWER CALCULATIONS

EXISTING NAC SIGNAL & AUDIO BOOSTER PANEL-A

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	ALARM CURRENT
EXISTING	1	0.120A	0.120A	0.26A
OUTDOOR SPEAKER	4	---	---	0.040A
MINI HORN	0	---	0.025A	---
VISUAL 15cd	0	---	0.041A	---
AUDIO/VISUAL 15cd	4	---	0.093A	---
AUDIO/VISUAL 30cd	0	---	0.114A	---
AUDIO/VISUAL 75cd	8	---	0.157A	---
AUDIO/VISUAL 110cd	0	---	0.197A	---
SYNC MODULES	0	---	0.045A	---
1/4W SPEAKER	12	---	0.010A	---
SUB-TOTAL			0.120A	12.048A

24 HOUR STANDBY CURRENT: 2.880AH
 15 MINUTE ALARM CURRENT (0.25 HR): 3.012AH
 SUBTOTAL: 5.892AH
 20% SAFETY FACTOR: 1.179AH
 TOTAL ALARM AMPS-HRS REQUIRED: 7.071AH
 REPLACE EXISTING FACP BATTERY WITH NEW (2) 12AH BATTERIES

BATTERY POWER CALCULATIONS

EXISTING FACP

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	LED CURRENT
EXISTING FIELD MEASURE			0.350A	0.365A
NEW SMOKE DETECTOR	4	0.0003A	0.0065A	0.0026A
NEW HEAT DETECTOR	4	0.0003A	0.0065A	0.0026A
SUB-TOTAL			0.3524A	0.407A

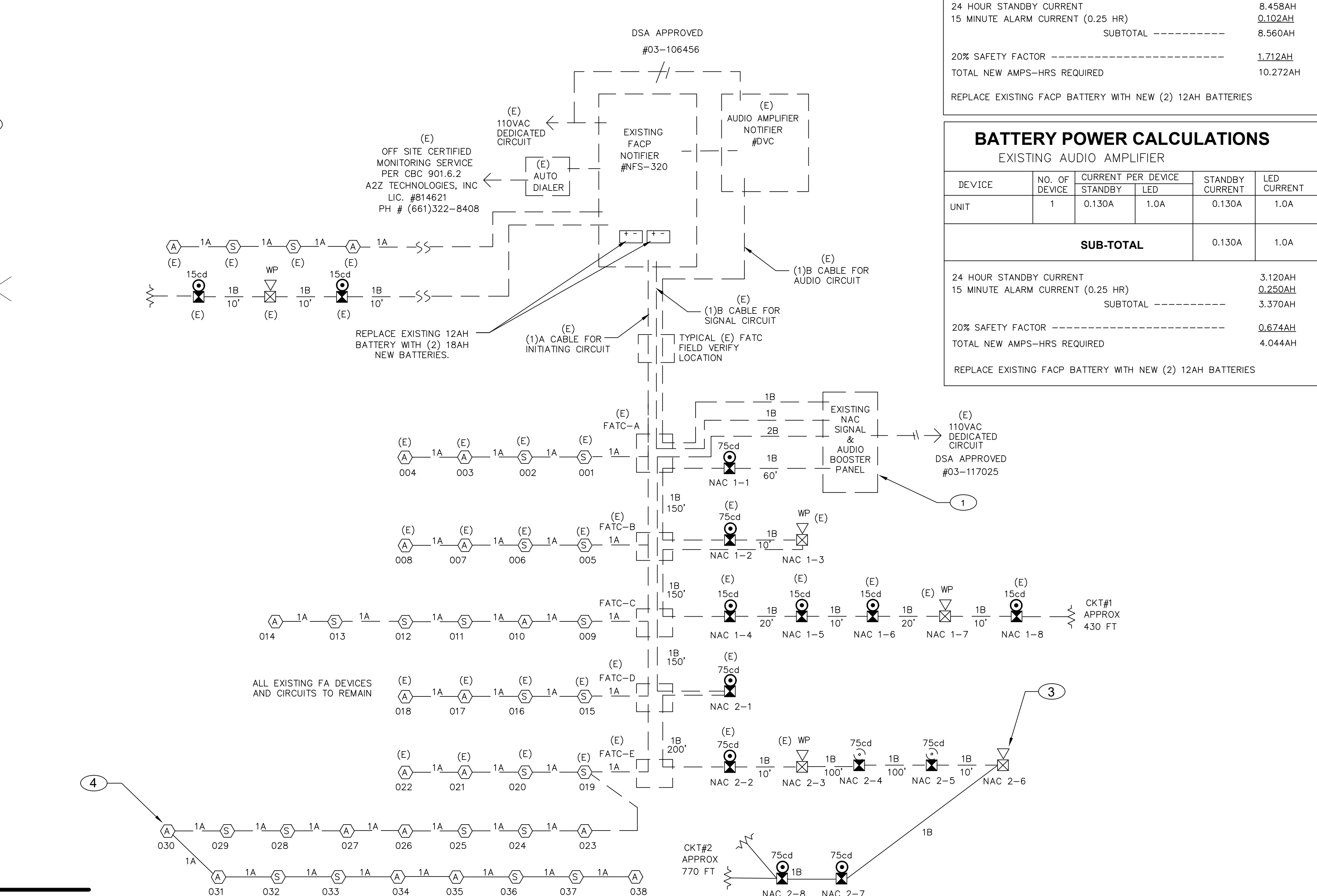
24 HOUR STANDBY CURRENT: 8.458AH
 15 MINUTE ALARM CURRENT (0.25 HR): 8.560AH
 SUBTOTAL: 17.018AH
 20% SAFETY FACTOR: 3.404AH
 TOTAL NEW AMPS-HRS REQUIRED: 10.272AH
 REPLACE EXISTING FACP BATTERY WITH NEW (2) 12AH BATTERIES

BATTERY POWER CALCULATIONS

EXISTING AUDIO AMPLIFIER

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	LED CURRENT
UNIT	1	0.130A	1.0A	1.0A
SUB-TOTAL			0.130A	1.0A

24 HOUR STANDBY CURRENT: 3.120AH
 15 MINUTE ALARM CURRENT (0.25 HR): 0.250AH
 SUBTOTAL: 3.370AH
 20% SAFETY FACTOR: 0.674AH
 TOTAL NEW AMPS-HRS REQUIRED: 4.044AH
 REPLACE EXISTING FACP BATTERY WITH NEW (2) 12AH BATTERIES



NOTES:

- RISER DIAGRAM IS DIAGRAMMATIC. SEE FIRE ALARM FLOOR PLAN AND FIELD VERIFY EXACT ROUTING AS REQUIRED.
- ALL INTERIOR FIRE ALARM CONDUCTORS ARE INSTALLED IN EMT CONDUIT AND CONCEAL ABOVE CEILING OR INSIDE WALL WITH 3/4"TC.
- FIRE ALARM CONDUCTOR CANNOT SPICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN FIRE ALARM DEVICES BACK BOX OR TERMINAL CABINET.

FIRE ALARM RISER DIAGRAM

SHEET NOTES

- EXISTING FIRE ALARM SIGNAL AND AUDIO BOOSTER PANEL-A, SEE SHEET E-1. INTERCONNECT TO EXISTING FACP AND EXISTING DEDICATED CIRCUIT FROM PANEL A-12.
- LOCATE HEAT DETECTOR IN ATTIC AND SURFACE MOUNT ON THE BOTTOM OF RAFTER. DETECTOR COVERAGE WILL BE DERATED 50% ACROSS THE RAFTER. FIELD VERIFY LOCATION WITH GENERAL CONTRACTOR AND PROVIDE ATTIC HEAT DETECTOR IN EACH BAY OF STRUCTURAL.
- EXTEND EXISTING NAC SIGNAL CIRCUIT TO NEW BUILDING PER PLANS. FIELD VERIFY EXACT LOCATION.
- EXTEND EXISTING INITIATING CIRCUIT TO NEW BUILDING PER PLANS. FIELD VERIFY EXACT LOCATION.
- NEW 6"x6"x6" FATC ON EXTERIOR WALL. CORE DRILL AND SEAL EXTERIOR WALL FOR 1" CONDUIT STUB INTO ATTIC SPACE.

F.A SYSTEM SCOPE OF WORK

- PROVIDE AUTOMATIC FIRE ALARM SYSTEM WITH VOICE EVACUATION SPEAKERS FOR THE NEW CLASSROOM BUILDINGS PER PLANS.
- EXISTING FACP IS 24VDC ADDRESSABLE, AND CLASS B WIRING SYSTEM, AND WITH OFF SITE MONITORING SERVICE VIA AUTO DUAL LINE DIALER AND TELEPHONE LINES.
- DURING THE FINAL TESTING, MEASURE ALL FIRE ALARM CURRENTS, VOLTAGE DROP FOR EACH SIGNAL CIRCUITS. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
- COMPLETE FIRE ALARM DRAWING SUBMITTAL IS PROVIDED.

FIRE ALARM NOTES

- APPLICABLE STANDARD 2016 NFPA 72
- INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
- COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
- A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
- DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND /OR TESTING.
- PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7. UL OR OTHER LAB TESTING CRITERIA, APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
- WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
- WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THEN 6" TO A HORIZONTAL STRUCTURE.
- AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (Dba) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 Dba ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIABLE SPACE WITHIN THE BUILDING.
- AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
- THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
- VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDLES. VISUAL DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.
- UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER-TIGHT FITTINGS AND WIRE TO BE APPROVAL FOR WET LOCATIONS.
- ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.
- PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
- SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1" FROM FIRE SPRINKLERS OR 3" FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
- ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
- FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
- A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
- THE INSTALLING CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 10.18.2.1.1.
- CONTROL PANELS, REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48"
- THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2
- SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
- OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

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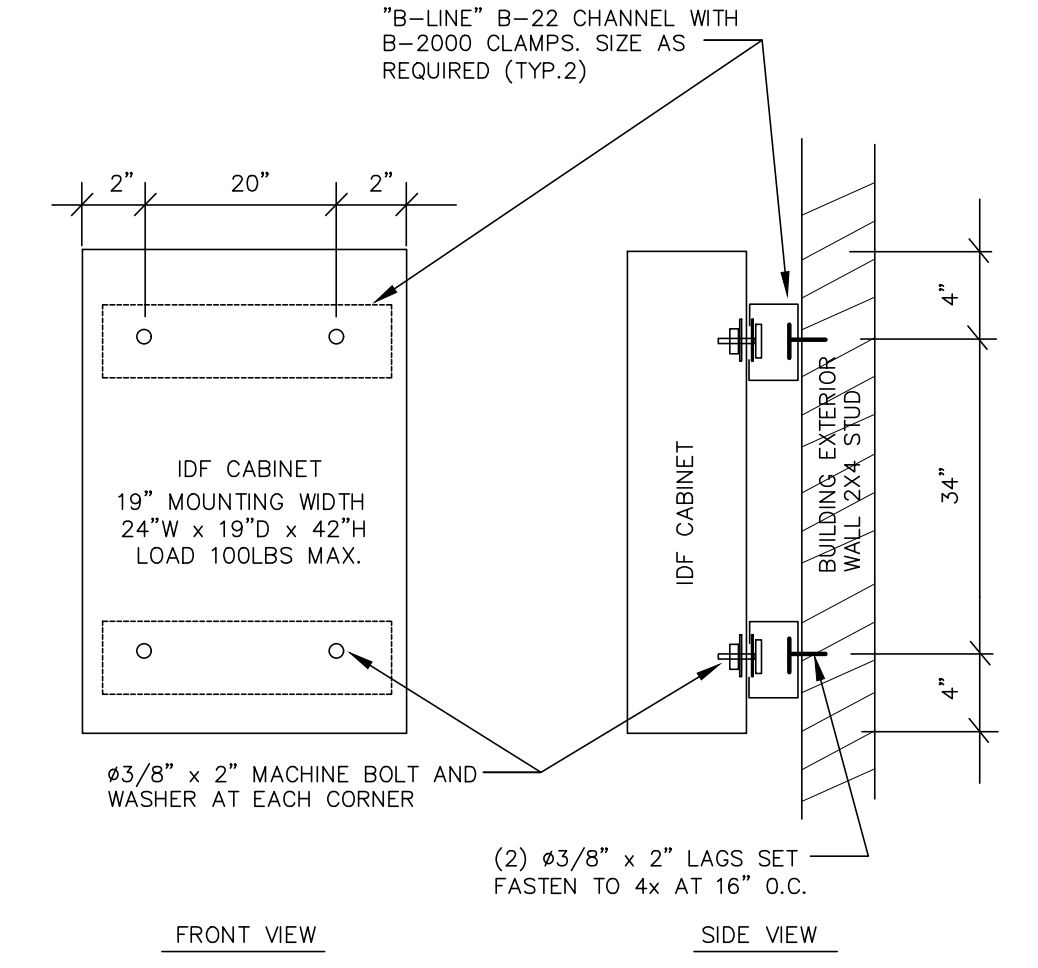
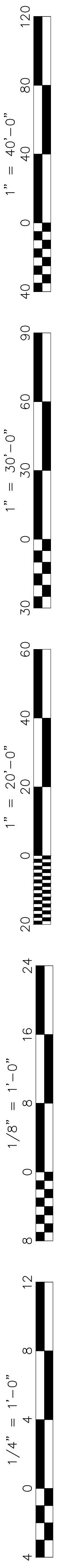
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 D.R.: [Signature]
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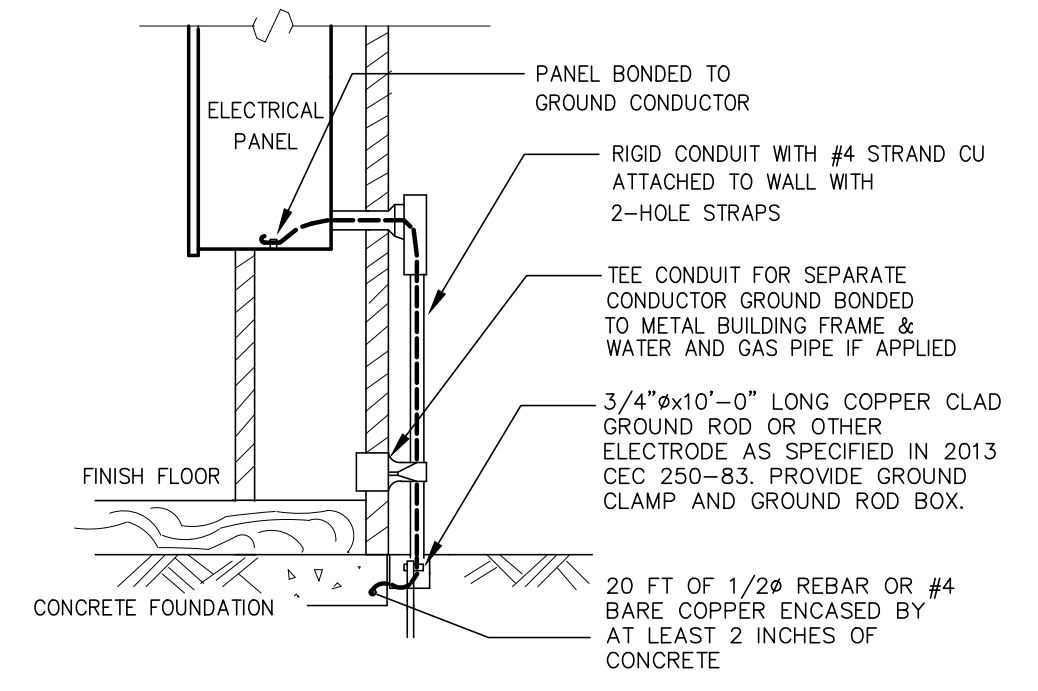
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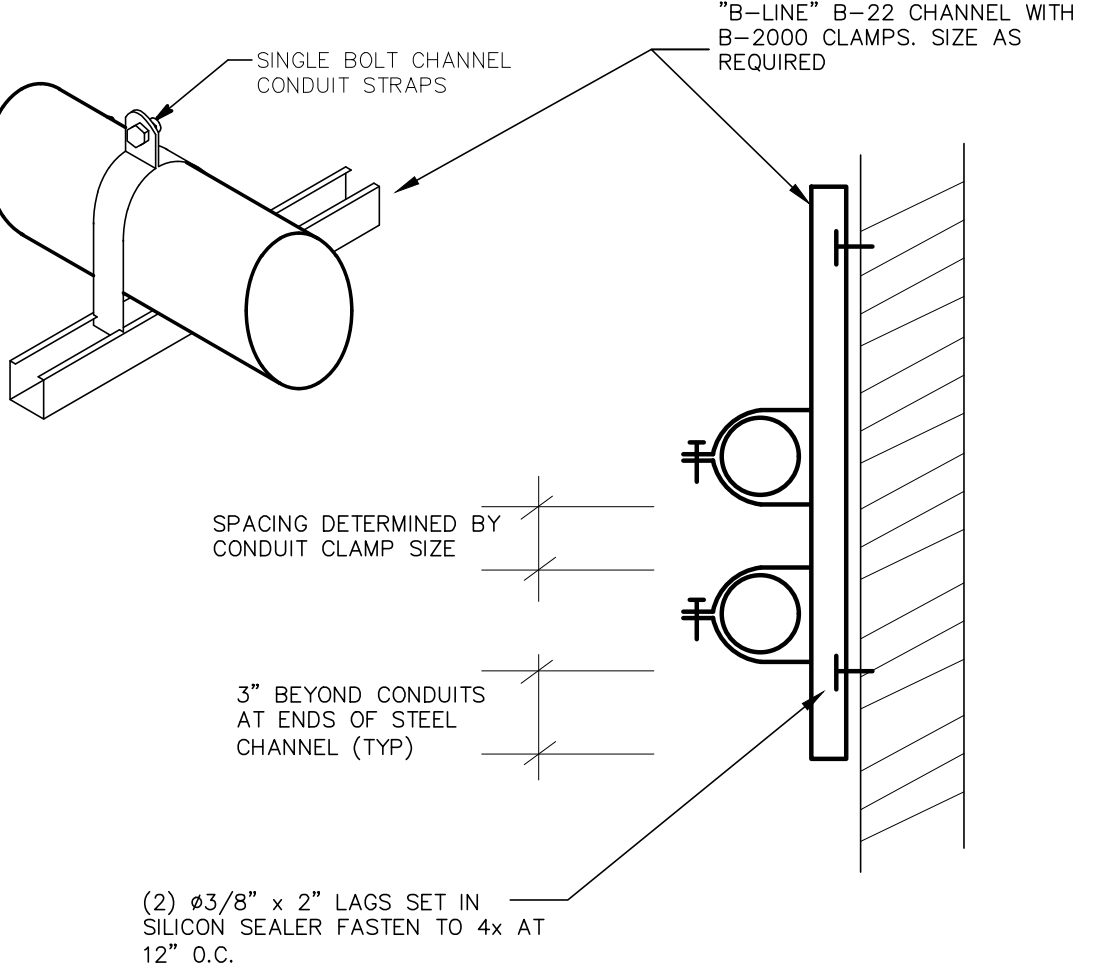
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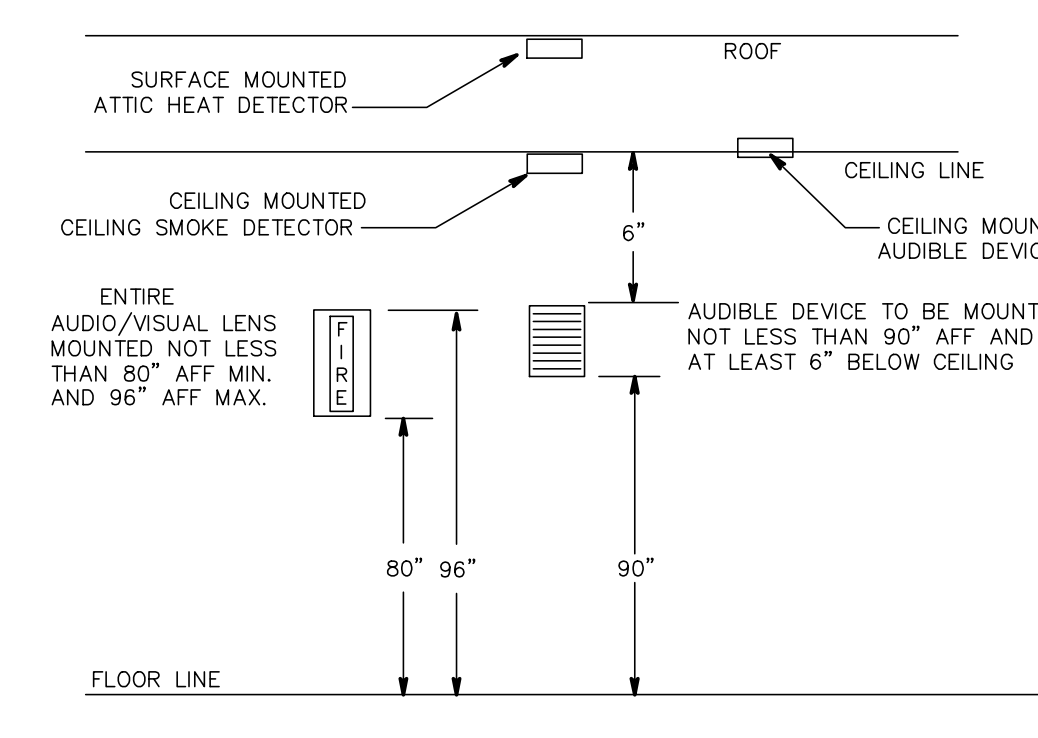
7 IDF MOUNTING DETAIL N.T.S.



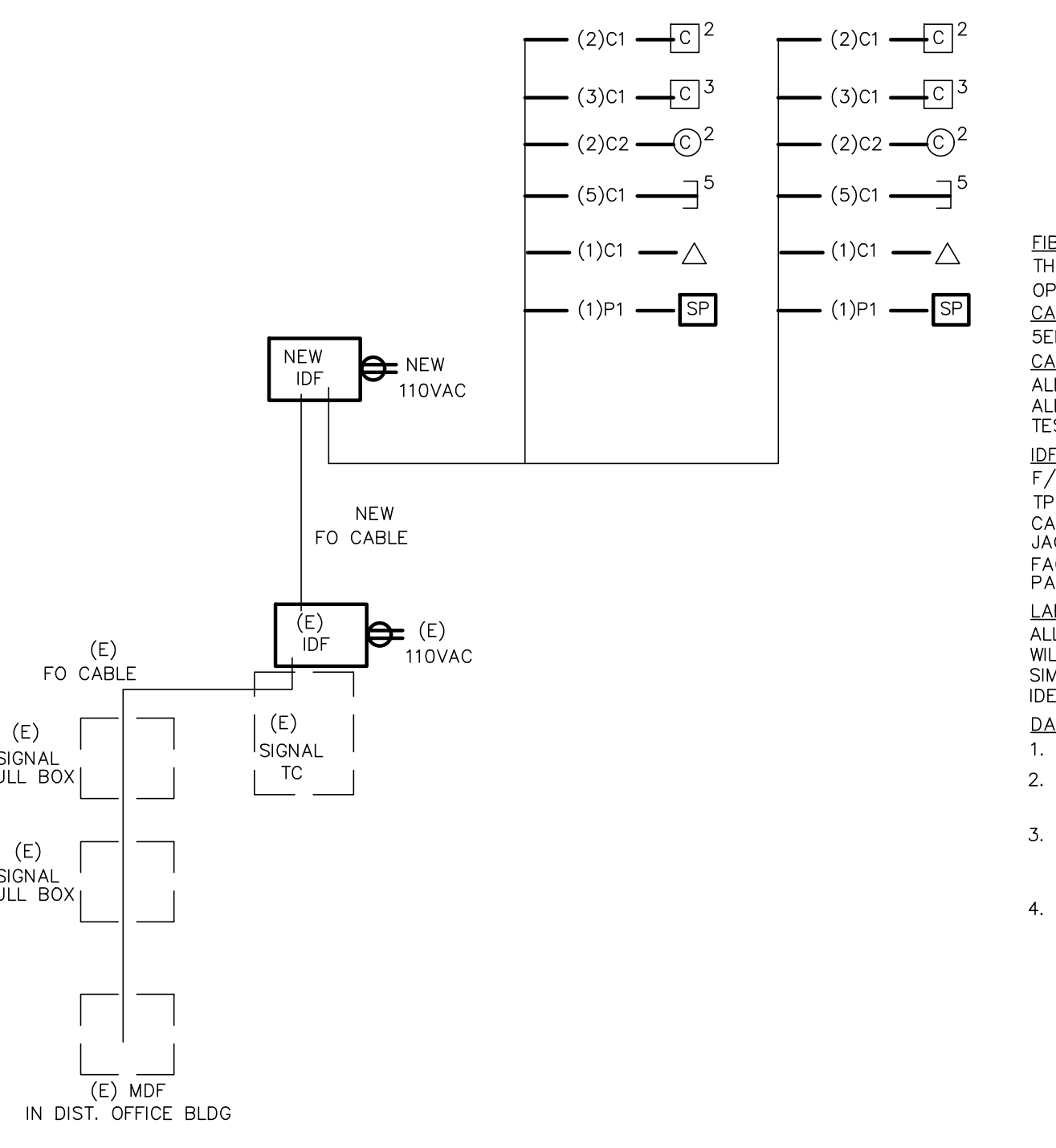
3 GROUNDING DETAIL N.T.S.



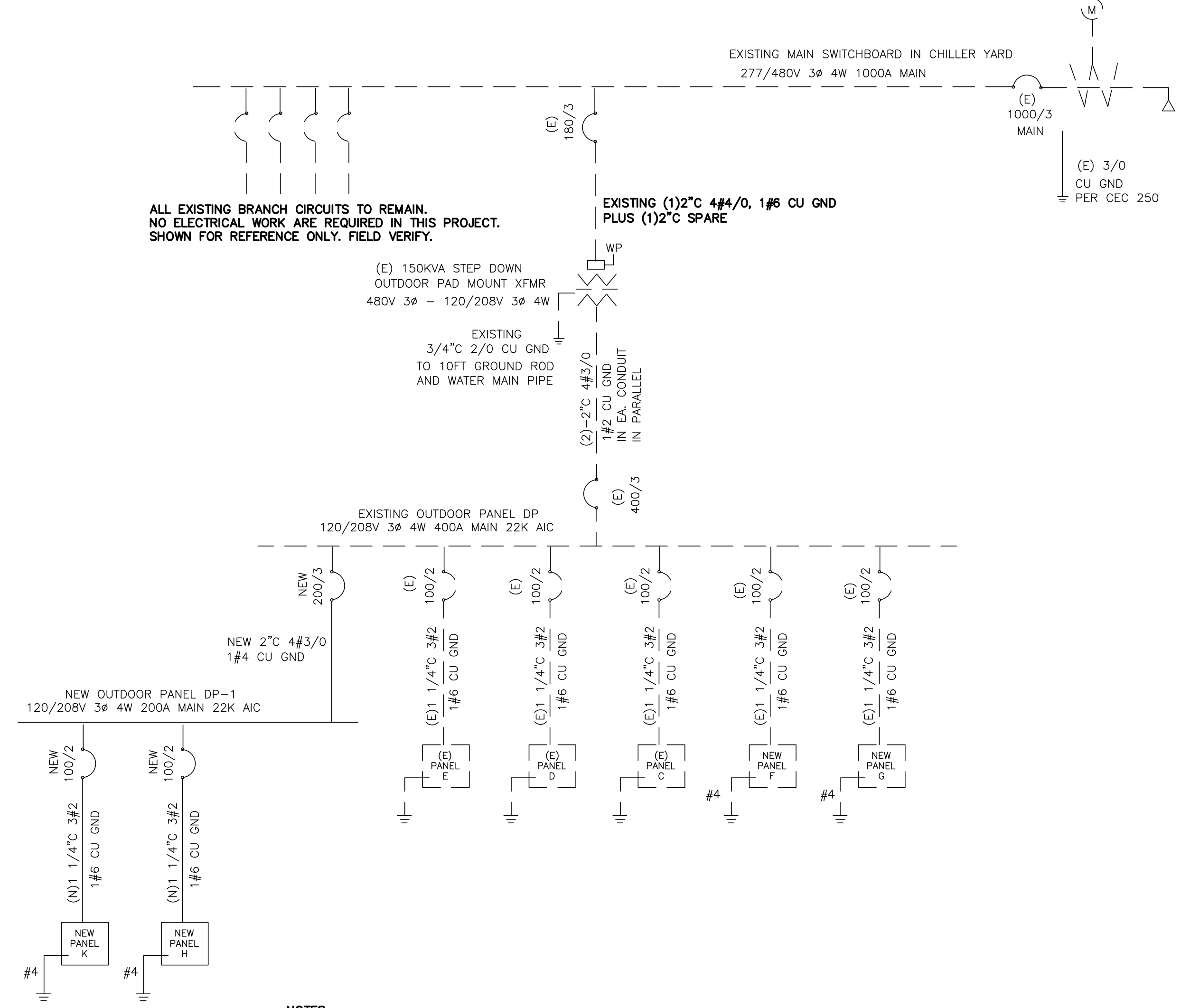
6 CONDUIT SUPPORT DETAIL N.T.S.



5 TYPICAL FIRE ALARM DEVICES MT'D DETAIL N.T.S.



2 DATA PA/IC/PHONE SYSTEM RISER DIAGRAM N.T.S.



1 SINGLE LINE DIAGRAM N.T.S.

FIBER OPTIC CABLE
 THREE MULTIMODE PAIRS (SIX STRANDS) AND THREE SINGLE-MODE PAIRS (SIX STRANDS)
 OPTICAL CABLE COMPANY # DX 12/0650-6W35B/1UC-6SYM-C-YMD/900-OFNR OF EQUAL
CAT5E CABLE
 SENAP24-BL-BER-PV OR EQUAL
CABLE TESTING
 ALL FIBER OPTIC CABLE MUST BE TESTED TO SUPPORT 1000BASE-FX FULL DUPLEX STANDARDS.
 ALL CAT 5E CABLE MUST BE TESTED TO SUPPORT 100BASE-TX.
 TEST RESULTS ARE TO BE PROVIDED TO SCHOOL TECHNOLOGICAL SERVICES FOR REVIEW AND APPROVAL.

IDF SWITCH EQUIPMENT
 F/O CISCO WS-C2950G-24 W/ WS-C5484 8BIC
 TP CISCO WS-C2950-24
 CABINETS SOUTH WESTERN DATA PRODUCT SWE 4000-18UDBLK OR EQUAL
 JACKS ALLEN TEL AT55-16 OR EQUAL
 FACEPLATE ALLEN TEL AT30-2-09 OR EQUAL
 PATCH PANEL ALLEN TEL ATPNL-24 OR EQUAL

LABELING IDENTIFICATION
 ALL INSTALLED EQUIPMENT, CABLES, TERMINATIONS, ETC. WILL BE PERMANENTLY AND UNIQUELY MARKED. CABLES WILL BE MARKED USING A CONVENTION THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION. LAN TERMINATIONS WILL SIMILARLY BE MARKED TO UNIQUELY IDENTIFY THEM WHILE PROVIDING THE SOURCE AND DESTINATION OF CABLE. IDENTIFICATIONS MUST BE SUCH THAT THEY WILL NOT RUB OFF, FALL OFF, OR EASILY BREAK AWAY.

DATA COMMUNICATION SYSTEM NOTES
 1. CONTRACTOR TO PROVIDE ALL EQUIPMENT, PATCH CABLE AND ACCESSORY FOR A FULLY FUNCTIONAL SYSTEM.
 2. NEW DATA JACK WIRING CONFIGURATION MUST BE MATCHED EXISTING SYSTEM. FIELD VERIFY PRIOR TO INSTALLATION.
 3. ADMINISTRATIVE NODE TO BE RED IN COLOR WITH THE INSTRUCTIONAL NODE TO BE BLUE IN COLOR. NODE LOCATION MUST BE 12\"/>

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SECTION 28 31 00
FIRE ALARM SYSTEM

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Expandable emergency evacuation fire alarm system.

1.2 REFERENCES

1.3 SYSTEM DESCRIPTION

A. A new intelligent reporting, Style 7 networked, fully peer-to-peer, microprocessor-controlled fire detection and emergency voice alarm communication system shall be installed in accordance with the specifications and as indicated on the Drawings.

B. Each Signaling Line Circuit (SLC) and Notification Appliance Circuit (NAC): Limited to only 80 percent of its total capacity during initial installation.

C. Basic Performance:

1. Network Communications Circuit (NetSOL) Serving Network Nodes: Wired using single twisted non-shielded 2-conductor cable or connected using approved fiber optic cable between nodes in Class A configuration.

2. Signaling Line Circuits (SLC) Serving Addressable Devices: Wired Class A.

3. Initiation Device Circuits (IDC) Serving Non-addressable Devices Connected to Addressable Monitor Modules: Wired Class A.

4. Notification Appliance Circuits (NAC) Serving Strobes, Horns and Speakers: Wired Class A.

5. On Class A Configurations: Single ground fault or open circuit on Signaling Line Circuit shall not cause system malfunction, loss of operating power, or ability to report alarm.

6. Alarm Signals Arriving at INCC COMMAND CENTER: Not be lost following primary power failure until alarm signal is processed and recorded.

7. Transponders:
a. Operate in peer-to-peer fashion with other panels and transponders in system.
b. Each transponder shall store copy of audio evacuation messages and tones.
c. Systems that use centralized message storage and control at main fire alarm control panel shall not be acceptable.

8. Network Node Communications, Audio Evacuation Channels and Fire Phone Communications:
a. Communicated between panels and transponders on single twisted pair of copper wires or fiber optic cables.
b. To enhance system survivability, ability to operate on loss of INCC Command Center, short or open of entire riser at INCC Command Center shall be demonstrated at time of system acceptance testing.

c. Systems that are not capable of providing true Class A performance for fire fighter's phone communications shall not be acceptable.

9. Signaling Line Circuits (SLC):
a. Reside in remote transponders with associated audio zones.
b. SLC modules shall operate in peer-to-peer fashion with all other panels and transponders in system.

c. On loss of INCC Command Center, each transponder shall continue to communicate with remainder of system, including all SLC functions and audio messages located in all transponders.

d. Systems that provide a "Degraded" mode of operation upon loss of INCC Command Center or short in riser shall not be acceptable.

10. Audio Amplifiers and Tone-Generating Equipment: Electrically supervised for normal and abnormal conditions.

11. Amplifiers: Located in transponder cabinets serving no more than 3 floors per transponder to enhance system survivability, reduce required riser wiring, simplify installation, and reduce power losses in length of speaker circuits.

12. Speaker NAC Circuits: Arranged such that there is a minimum of 1 speaker circuit per fire alarm zone.

13. Notification Appliance Circuits (NAC), Speaker Circuits, and Control Equipment: Arranged such that loss of any 1 speaker circuit will not cause loss of any other speaker circuit in system.

14. Speaker Circuits:
a. Electrically supervised for open and short circuit conditions.
b. If short circuit exists on speaker circuit, it shall not be possible to activate that circuit.

c. Arranged for 25 or 70 V RMS and shall be power limited in accordance with NEC.
d. 20 percent spare capacity for future expansion or increased power output requirements.

15. Speaker Circuits and Control Equipment:
a. Arranged such that loss of any 1 speaker circuit will not cause loss of any other speaker circuit in system.
b. Systems utilizing "bulk" audio configurations shall not be acceptable.

16. 2-Way Telephone Communication Circuits:
a. Shall communicate digitally over the network between transponders.
b. Supervised for open and short circuit conditions.

c. Short circuit condition on 2-way telephone communications circuit shall result in trouble condition and not result in call-in condition.

17. Voice Communication:
a. Connect telephone circuits to speaker circuits to allow voice communication over speaker circuit from telephone handset.
b. Capable of remote phone-to-phone conversations and party-line communications as required.

D. Basic System Functional Operation: When fire alarm condition is detected and reported by 1 of the system alarm initiating devices, the following functions shall immediately occur:

1. System Alarm LEDs: Flash.

2. Local Piezo-Electric Signal in Control Panel: Sound at a pulse rate.

3. 80-Character LCD Display: Indicate all information associated with fire alarm condition, including type of alarm point and its location within protected premises.

4. Historical Log: Record information associated with fire alarm control panel condition, along with time and date of occurrence. History Log shall have capacity for recording up to 4,100 events.

5. System output programs assigned via control-by-event equations to be activated by particular point in alarm shall be executed, and the associated system outputs (alarm notification appliances and/or relays) shall be activated.

6. Close Fire Doors
a. Shot down air handlers as required by code
c. Notify the Central Station or Municipal Tie.
7. Strobes flash asynchronized continuously.

7. Audio Portion of System: Sound alert tone followed by pre-recorded message determined by event and this scenario repeating or other message as approved by local authority until system is reset.

E. Fire Alarm System Functionality:
1. Provide complete, electrically supervised distributed, Class A networked analog/addressable fire alarm and control system, with analog initiating devices, integral multiple-channel voice evacuation, and fire fighter's phone system.

2. Fire Alarm System:
a. Consist of multiple-voice channels with no additional hardware required for total of 4 channels.
b. Incorporate multiprocessor-based control panels, including model E3 Series modules includes Intelligent Network INCC Command Center(s) (INCC), Intelligent Loop Interface (ILI-MB-E3 or ILI95-MB-E3), Intelligent Network Transponders (INX), communicating over peer-to-peer token ring network with standard capacity of up to 64 nodes expandable to 122.

3. Each ILI-MB-E3 or ILI95-MB-E3 Node: Incorporate 2 Signaling Line Circuits (SLC), with capacity to support in NetSOL mode up to 159 analog addressable detectors and 159 addressable modules per ILI-MB-E3 SLC or support in Apollo mode up to 126 detectors and modules per ILI95-MB-E3 SLC.

4. Voice, Data, and Fire Fighter's Phone Riser: Transmit over single pair of wires or fiber optic cable.

5. Each Intelligent Network Transponder: Capable of providing 16 distributed voice messages, fire fighter phones connections, SLC loop for audio control devices, and integral network interface.

6. Each Network Node: Incorporate Boolean control-by-event programming, including as a minimum AND, OR, NOT, and Timer functions.

7. Control Panels: Capability to accept firmware upgrades via connection with laptop computer, without requirement of replacing microchips.

B. Network:
a. Based on peer-to-peer token ring technology operating at 625 K baud, using Class A configuration.

b. Capability of using twisted-pair wiring, pair of fiber optic Multi-mode cable strands up to 200 microns or Single-mode optimized for 9/125 microns, or any combination, to maximize flexibility in system configuration.

9. Each Network Node:
a. Capability of being programmed off-line using Windows-based software supplied by fire alarm system manufacturer. Capability of being downloaded by connecting laptop computer into any other node in system. Systems that require system software to be downloaded to each transponder at each transponder location shall not be acceptable.

b. Capability of being grouped with any number of additional nodes to produce a "Region", allowing that group of nodes to act as 1, while retaining peer-to-peer functionality. Systems utilizing "Master/Slave" configurations shall not be acceptable.

c. Capability of annunciating all events within its "Region" or annunciating all events from entire network, on front panel LCD or touchscreen display without additional equipment.

10. Each SLC Network Node: Capability of having integral DACT (digital alarm communicator transmitter) that can report events in either its region, or entire network to single central station monitoring account.

11. Each Control Panel: Capability of storing its entire program, and allow installer to activate only devices that are installed during construction, without further downloading of system.

12. Password Protection: Each system shall be provided with 4 levels of password protection with up to 16 passwords.

13. Have the capacity for multiple pre-recorded messages (at least sixteen (16), but more if required by local AHJ) and address a list of subjects.
a. Fire evacuation and relocation
b. Intruder or hostile person sighted within or around the building grounds
c. Directions to occupants to take cover within building
d. Emergency weather conditions appropriate for local area
All Clear

1.4 SUBMITTALS

A. Comply with Section 01330 (01 33 00) - Submittal Procedures.

B. Include sufficient information, clearly presented, to determine compliance with the specifications and the Drawings.

C. Equipment Submittals:
1. Cover Page: Indicate the following:
a. Project name and address.
b. Engineered systems distributor's name and other contact information.
c. Installing contractor's name and other contact information.
d. Date of equipment submittals. Indicate on revised submittals the original submittal date and revised submittal date.

2. Table of Contents: Lists each section of equipment submittal.
3. Scope of Work Narrative: Detail indented scope of work.
4. Sequence of Operations: Use matrix or written text format, detailing activation of each type of device and associated resulting activation of the following:
a. Control panel.
b. Annunciator panels.
c. Notification appliances.
d. Building fire safety functions, including elevator recall, elevator power shutdown, door lock release, door holder release, HVAC unit shutdown, smoke evacuation system activation, and stair pressurization fan activation.

5. Bill of Material: Indicate for each component of system the following:
a. Quantity.
b. Model number.
c. Description.
6. SLC Circuit Schedule: Detail address and associated description of each addressable device.

Clearly provide information that indicates number of both active and spare addresses.
7. Battery Calculations: Show load of each, and total of, components of system along with standby and alarm times that calculations are based on. Show calculated spare capacity and size of intended battery.

D. Shop Drawings:
1. Cover Page: Indicate the following:
a. Project name and address.
b. Engineered systems distributor's name and other contact information.
c. Installing contractor's name and other contact information.
d. Date of equipment submittals. Indicate on revised submittals the original submittal date and revised submittal date.

2. Floor Plans:
a. Provide separate floor plan for each floor.
b. If a floor plan must be split using match lines to fit on the page, provide match lines and match line references that refer to sheet number that shows area on opposite side of match line.
c. Prepare using AutoCAD.

d. Prepare to scale 1/8" inch = 1'-0", unless otherwise required by the Architect or Engineer.
e. Show equipment and device locations.
f. Show wiring information in point-to-point format.
g. Show conduit routing, if required by the AHJ.

3. Title Block: Provide on each sheet and include, at a minimum, the following:
a. Project name.
b. Project address.
c. Sheet name.
d. Sheet number.
e. Scale of drawing.
f. Date of drawing.
g. Revision dates, if applicable.

4. Control Panel: Provide sheet that details exterior and interior views of control panel and clearly shows associated wiring information.
5. Annunciator Panels: Provide sheet that details exterior and interior views of annunciator panels and clearly shows associated wiring information.

E. Certification: Submit with equipment submittals and shop drawings, letter of certification from major equipment manufacturer, indicating proposed engineered system distributor is an authorized representative of major equipment manufacturer.

F. Project Record Drawings:
1. Submit complete project record drawings within 14 calendar days after acceptance test.
2. Project record drawings shall be similar to shop drawings, but revised to reflect changes made during construction.

G. Operation and Maintenance Manuals:
1. Submit complete operation and maintenance manuals within 14 calendar days after acceptance test.
2. Operation and maintenance manuals shall be similar to equipment submittals, but revised to reflect changes made during construction.
3. Include factory's standard installation and operating instructions.

1.5 QUALITY ASSURANCE

A. Codes and Standards:
B. Equipment, Programming, and Installation Supervision:
1. Provide services of approved Platinum Level engineered systems distributor of Gamewell-FCI for equipment, programming, and installation supervision.
2. Provide proof of factory training within 14 calendar days of award of the Contract.

C. Software Modifications:
1. Provide services of Platinum Level Gamewell-FCI factory-trained and authorized technician to perform system software modifications, upgrades, or changes.
2. Provide use of all hardware, software, programming tools, and documentation necessary to modify fire alarm system software on-site.
3. Modification includes addition and deletion of devices, circuits, zones, and changes to system operation and custom label changes for devices or zones.
4. System structure and software shall place no limit on type or extent of software modifications on-site.
5. Modification of software shall not require power-down of system or loss of system fire protection while modifications are being made.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.

C. Handling: Protect materials from damage during handling and installation.

1.7 COORDINATION

A. Coordinate the Work of this section with the Work of other sections, including sprinkler systems as specified in Section _____, elevators as specified in Section _____, HVAC systems as specified in Section _____, and security/door locking systems as specified in Section _____.

1.8 WARRANTY

A. Warranty Period for System Equipment: 1 year from date of final acceptance.

PART 2 PRODUCTS

2.1 MANUFACTURER

A. Manufacturer and system devices model number are listed per plans.

B. References to manufacturer's model numbers and other information is intended to establish minimum standards of performance, function, and quality.

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine areas and surfaces to receive fire alarm system.
1. Notify Architect of conditions that would adversely affect installation or subsequent use.
2. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

A. Install fire alarm system in accordance with NFPA 72, NFPA 70, state and local codes, manufacturer's instructions, and as indicated on the Drawings.

B. Conceal conduit, junction boxes, and conduit supports and hangers in finished areas. Conceal or expose conduit, junction boxes, and conduit supports and hangers in unfinished areas.

C. Do not install smoke detectors before system programming and test period. If construction is ongoing during this period, take measures to protect smoke detectors from contamination and physical damage.

D. Flush-mount fire detection and alarm system devices, control panels, and remote annunciators in finished areas. Flush-mount or surface-mount fire detection and alarm system devices, control panels, and remote annunciators in unfinished areas.

E. Ensure manual stations are suitable for surface mounting or semi-flush mounting as indicated on the Drawings. Install not less than 42 inches, nor more than 48 inches, above finished floor measured to operating handle.

3.3 FIELD QUALITY CONTROL

A. Manufacturer's Field Services: Provide service of competent, factory-trained technician authorized by manufacturer to technically supervise and participate during pre-testing and acceptance testing of system.

B. Testing:
1. Conduct complete visual inspection of control panel connections and test wiring for short circuits, ground faults, continuity, and insulation before energizing cables and wires.
2. Close each sprinkler system control valve and verify proper supervisory alarm at INCC Command Center.
3. Verify activation of flow switches.
4. Open initiating device circuits and verify that trouble signal actuates.
5. Open signaling line circuits and verify that trouble signal actuates.
6. Open and short notification appliance circuits and verify that trouble signal actuates.
7. Ground initiating device circuits and verify response of trouble signals.
8. Ground signaling line circuits and verify response of trouble signals.
9. Ground notification appliance circuits and verify response of trouble signals.
10. Check alert tone and prerecorded voice message to alarm notification devices.
11. Check installation, supervision, and operation of intelligent smoke detectors.
12. Introduce on system each of the alarm conditions that system is required to detect. Verify proper receipt and proper processing of signal at INCC Command Center and correct activation of control points.
13. Consult manufacturer's manual to determine proper testing procedures when system is equipped with optional features. This is intended to address such items as verifying controls performed by individually addressed or grouped devices, sensitivity monitoring, verification functionality, and similar.

C. Acceptance Testing:
1. Before installation shall be considered completed and acceptable by AHJ, a complete test using as a minimum, the following scenarios shall be performed and witnessed by representative approved by Engineer. Monitoring company and/or fire department shall be notified before final test in accordance with local requirements.
2. Contractor's job foreman, in presence of representative of manufacturer, representative of Owner, and fire department shall operate every installed device to verify proper operation and correct annunciation at control panel.
3. Open signaling line circuits and notification appliance circuits in at least 2 locations to verify presence of supervision.
4. Completely disconnect INCC Command Center from rest of network, including Voice INCC Command Center. Activate initiating device from transponder. All speaker circuits activated from each transponder shall transmit the correct evacuation or alert message. These messages shall be same messages transmitted with INCC Command Center activated. Default tones or messages shall not be acceptable.
5. Completely disconnect INCC Command Center from rest of network. Activate initiating device. All control outputs supported by transponder SLC circuits shall operate under project programming mode. Default or degrade mode programming shall not be acceptable.
6. Fire fighter phone riser shall be directly shorted between INCC Command Center and first transponder, followed by test of fire phones between INCC Command Center and farthest transponder. Phones shall operate in normal fashion.
7. All audio risers shall be directly shorted between INCC Command Center and first audio transponder, followed by activation of alarm initiating device. Correct pre-recorded messages shall transmit from all speakers, including evacuation and alert channels. Default or degrade messages shall not be acceptable.
8. When testing has been completed to satisfaction of both Contractor's job foreman and representatives of manufacturer and Owner, a notarized letter co-signed by each attesting to satisfactory completion of said testing shall be forwarded to Owner and fire department.
9. Leave fire alarm system in proper working order and, without additional expense to Owner, replace defective materials and equipment provided within 1 year (365 days) from date of final acceptance by the owner.

3.4 DEMONSTRATION

A. Provide instruction as required for operating fire alarm system.

B. Provide hands-on demonstrations of operation of fire alarm system components and functions.

END OF SECTION

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Phone (559) 438-0087 Fax (559) 438-0087 E-Mail: design@somm.com
www.integrateddesigns.com

Revision	Description	Rev. Date

Sheet Title: FIRE ALARM SPECIFICATION
Project Name & Address: WASHINGTON MIDDLE SCHOOL
TWO PROBABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE AVE., BAKERSFIELD, CA

Issue Date: 7/11/18
Date: 02/25/19
Designer: ---
DR: ---
P: RJD

FILE #: 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
DSA APPLICATION NO.
AC ___ FLS ___ SS ___
DATE
TRACKING #: DSA TRACKING NO.

Stamp(s):
Job No.: 5338
Sheet No.: E-5
Release:

CONSULTING ENGINEERS
JOHN CHONG ENGINEERING
2017 E. DELATOUR AVE, FRESNO CA 93710
(559) 915-9388 • FAX 237-9421
jcengineer@aol.com

REGISTERED PROFESSIONAL ENGINEER
JOHN S. CHONG
E 14419
Exp. 6/30/2020
ELECTRICAL
STATE OF CALIFORNIA

WINDOW SCHEDULE									
WINDOW NO.	QTY	TYPE	WIDTH	HEIGHT	FUNCTION	FRAME MATERIAL	GLASS MATERIAL	WALL THICKNESS	NOTES
A	1	8'-0"	4'-0"	XOX	ANOD	DP			
B	4	5'-0"	4'-0"	FIXED	ANOD	DP			
C	5	4'-0"	4'-0"	FIXED	ANOD	CLEAR TEMPERED			INTERIOR WINDOW

WINDOW FINISH

ANOD: CLEAR ANODIZED ALUMINUM FRAME DP: 3/16" MINIMUM DUAL PANE TEMPERED GLASS OF SOLAR GRAY - 3/16" ENERGYSHIELD. ALL OPERABLE SASH SHALL HAVE SCREENS. (U-FACTOR = .510 MAX, VT = 0.500 MIN., SHGC = .350 MAX, STC = 36 MIN.)

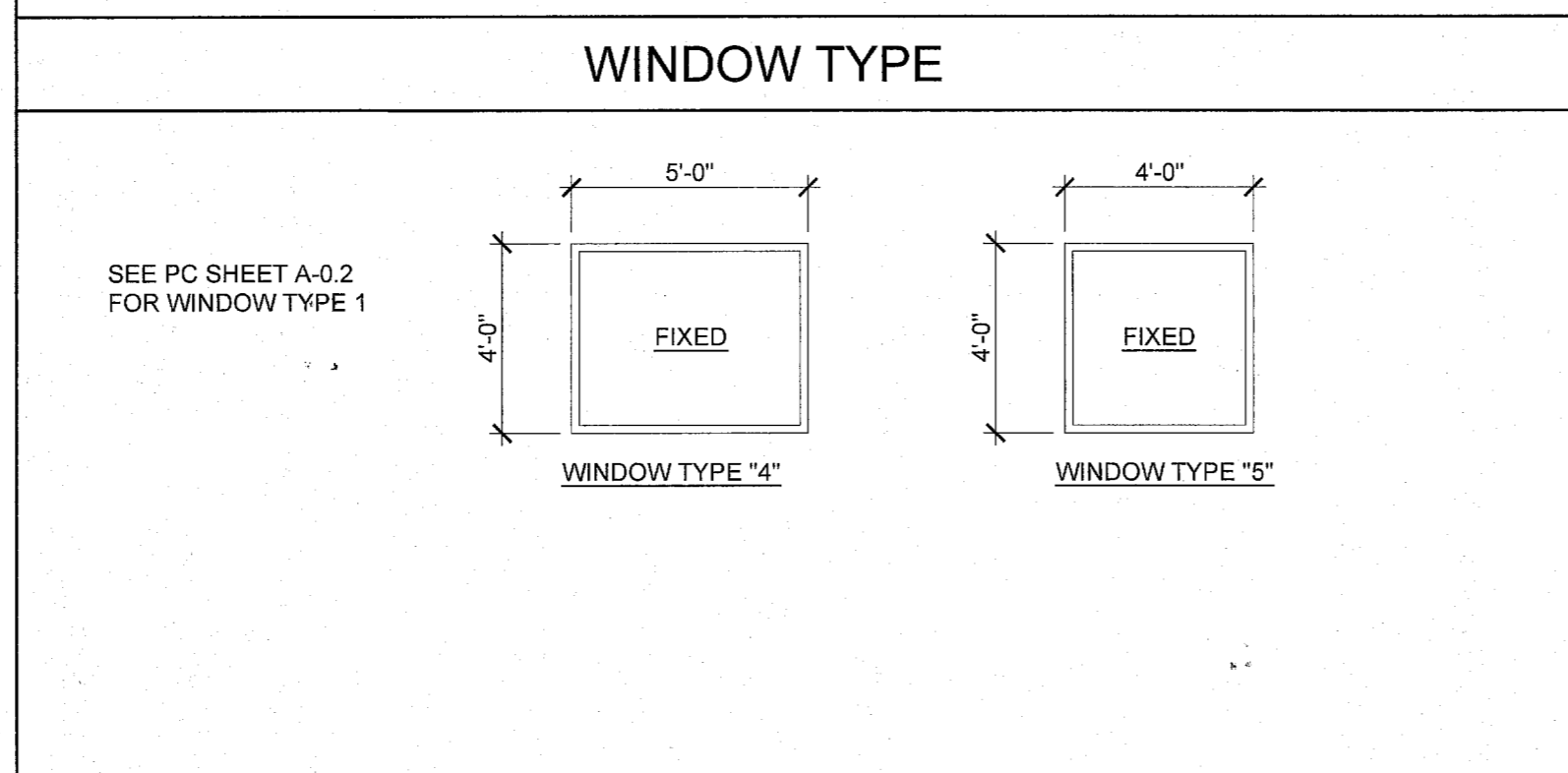
BRONZ: BRONZE ANODIZED ALUMINUM FRAME

PAINT: PAINTED FRAME

WF: 16GA WELDED FRAME

FRW: FIRE RATED WINDOW FRAME: MIN 0.048" THICK WELDED FRAME

FRG: FIRE RATED GLAZING: 1/4" WIRED GLASS. LABELED TO MEET THE REQUIREMENTS FOR A 3/4 HOUR FIRE WINDOW ASSEMBLY PER CBC SECTION/TABLE 715.5



DOOR SCHEDULE									
DOOR NO.	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	WALL THICKNESS	NOTES
1	3'-0"	7'-0"	A		HM	KD	HW - 8		
2	3'-0"	7'-0"	A		SCL	KD	HW - 7		

DOOR MATERIAL AND FINISH ABBREVIATIONS

HM: 18GA HOLLOW METAL KD: KNOCK DOWN FRAME EXTERIOR DOORS TO BE UNINSULATED SINGLE LAYER DOORS W/ U-FACTOR OF 0.500 MAX

WF: 16GA WELDED FRAME SCL: SOLID CORE WOOD LEGACY

AL: ALUMINUM HC: HOLLOW CORE WOOD

SST: STAINLESS STEEL PT: PAINTED

DOOR TYPES & NOTES

SEE PC SHEET A-0.2

FINISH SCHEDULE												
ROOM NAME	FLOORING		WALL FINISH				CEILING		NOTES			
	FLOOR	BASE	FRONT	LEFT	REAR	RIGHT	CEILING	CEILING HT				
SMALL GROUP INSTRUCTION 101	CARP	4" TS	TACK	TACK	TACK	TACK	CP-755B	8'-6" VAULTED				
OFFICE 102-103	CARP	4" TS	TACK	TACK	TACK	TACK	CP-755B	8'-6" VAULTED				

FLOOR, WALL, CEILING MATERIALS

FLOORING

CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2. DENSITY 4600; DIRECT GLUE DOWN

SV: SHEET VINYL FLOORING

VCT: VINYL COMPOSITION TILE

BASE

4" TS: 4" TOP SET BASE

6" TS: 6" TOP SET BASE

SC: 6" SELF-COVE BASE

WALLS

TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYPSUM BOARD BACKING

FRP: 1/8" FIBER REINFORCED PANEL OVER 1/2" WATER RESISTANT GYPSUM BOARD

GYP: 1/2" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH

PLY: 1/2" PLYWOOD FINISH

NF: NO FINISH

CEILING

CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)

HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH (HARD LID CEILING)

GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

FINISH NOTES

SEE PC SHEET A-0.2

DOOR HARDWARE

OFFICE - INTERIOR DOOR HW-7

LOCKSET YALE 5407 LN Finish 26D or equal

BUTTS HAGER BB1168 NRP 4 1/2" x 4 1/2" Finish 26D or equal

SMALL GROUP INSTRUCTION EXTERIOR DOOR HW-8

LOCKSET YALE AU5417LN 626 WLF YALE IC CORES Finish 626 or equal

BUTTS PEMKO CHS83HDI FULL HT. HINGES Finish 26D or equal

CLOSURE NORTON 750 SERIES Finish 689 or equal

WEATHER STRIP HAGER 891SAV 3684 Finish Alum or equal

THRESHOLD PEMKO Finish Alum or equal

DOOR BOTTOM PEMKO 368 N DOOR SWEEP Finish Alum or equal

DOOR HOLDER TRIMCO 1254 (INSTALL AT +78"A.F.F.)

INSULATION SPECIFICATIONS

SEE PC SHEET A-0.2

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"BUILDING FOR THE NEXT GENERATION"

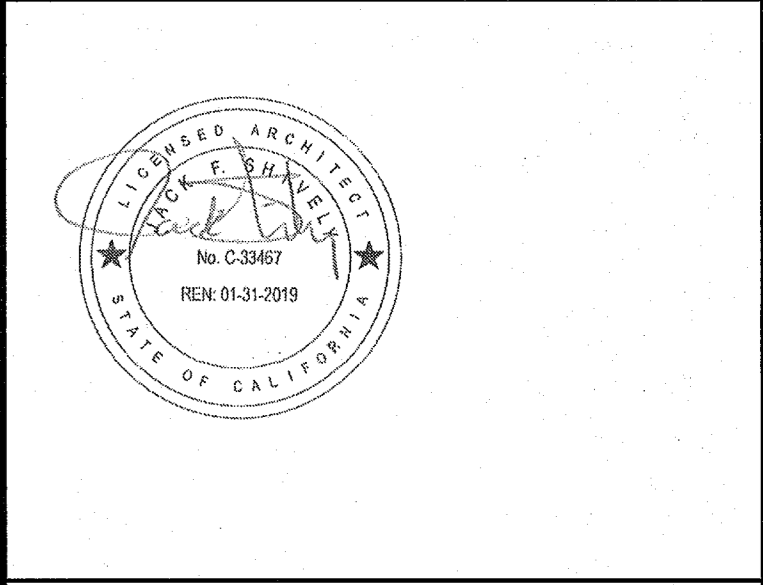
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

PROJECT SPECIFIC SCHEDULES



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

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04 116284

ACS [] FLS [] SS RAF

DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

REVISIONS

SILVER CREEK INDUSTRIES

PROJECT NO: 10914

DRAWN BY:

SCALE: AS NOTED

DATE: 04-20-17

SHEET NUMBER

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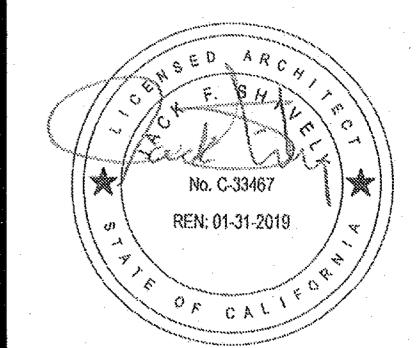
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

**24x40 STOCKPILE
 OFFICE BUILDING**

SHEET TITLE:

**PROJECT SPECIFIC
 REFELECTED CEILING**



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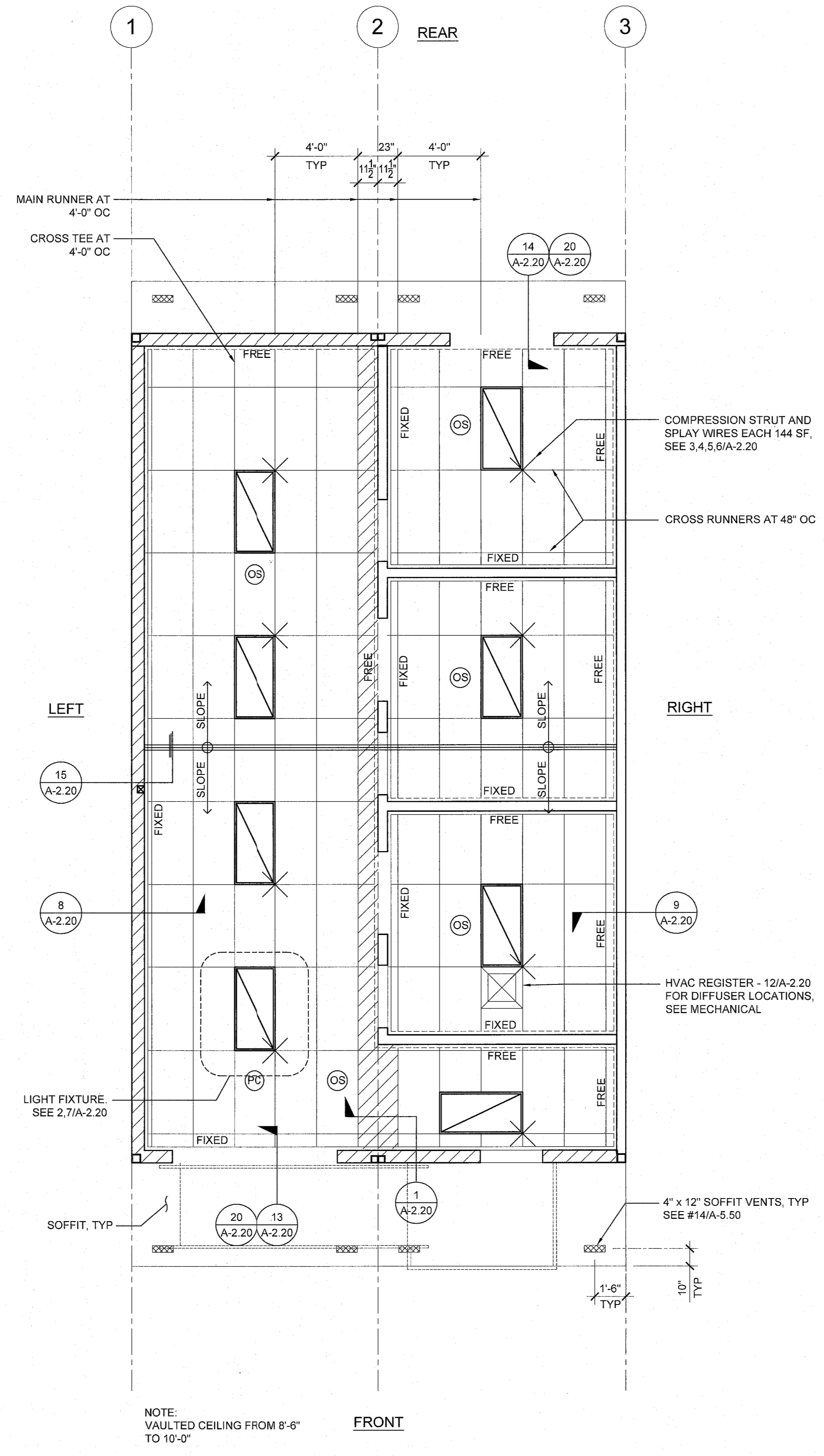
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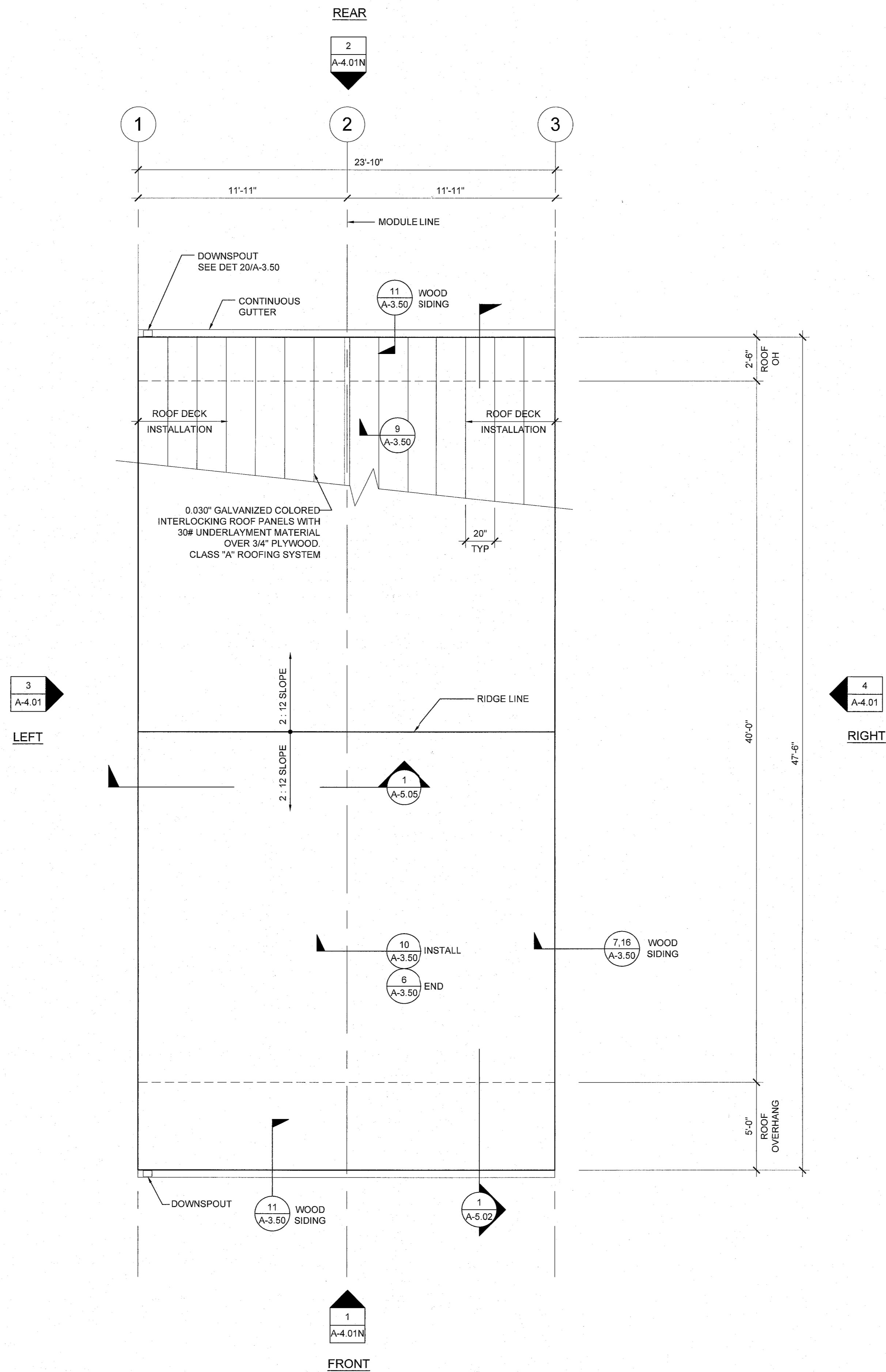
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 SCALE: AS NOTED
 DATE: 04-20-17

SHEET NUMBER

A-2.11N





ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE

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

NOTES

- BUILDINGS SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 1505.1 - CLASS A.
- LOCATIONS OF DRAFTSTOP AND/OR FULL HEIGHT PARTITIONS AS REQUIRED PER CBC-718.4.3 SHALL BE SHOWN ON PROJECT SPECIFIC PLANS LOCATED AT MODULE LINES.
- ALL ROOFTOP EQUIPMENT THAT REQUIRES SERVICE & ROOF ACCESS HATCHES MUST BE A MIN. OF 10'-0" AWAY FROM ALL ROOF EDGES TO OPENING EDGES. CBC 2016 SECTIONS 1015.6 & 1015.7.
- FOR SPECIFIC DOWNSPOUT LOCATIONS FOR VARIOUS BUILDING SIZES. SEE KEY PLANS ON SHEET A-0.3. LOCATE ONE (1) DOWNSPOUT FOR EVERY THREE (3) MODULES (TYP)
- ANY BUILDING OVER 3,000 SQ/FT REQUIRES A DRAFT STOP UNLESS BUILDING IS EQUIPPED WITH FIRE SPRINKLERS.
- WHEN PARAPETS ARE REQUIRED BECAUSE OF FIRE SEPARATION REQUIREMENTS AND/OR PROJECT SPECIFICATIONS, PROVIDE PARAPET PER CBC SECT. 705.11.

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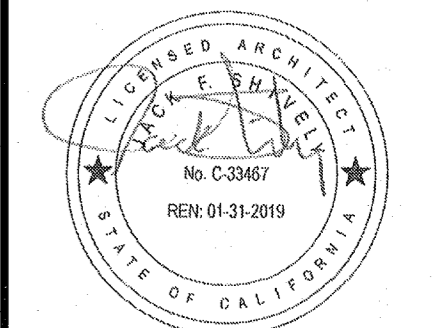
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE
 OFFICE BUILDING

SHEET TITLE:

PROJECT SPECIFIC
 ROOF PLAN
 24'x40' - 0.030" METAL DECK



ARCHITECT OF RECORD
 SUBMISSION DATE

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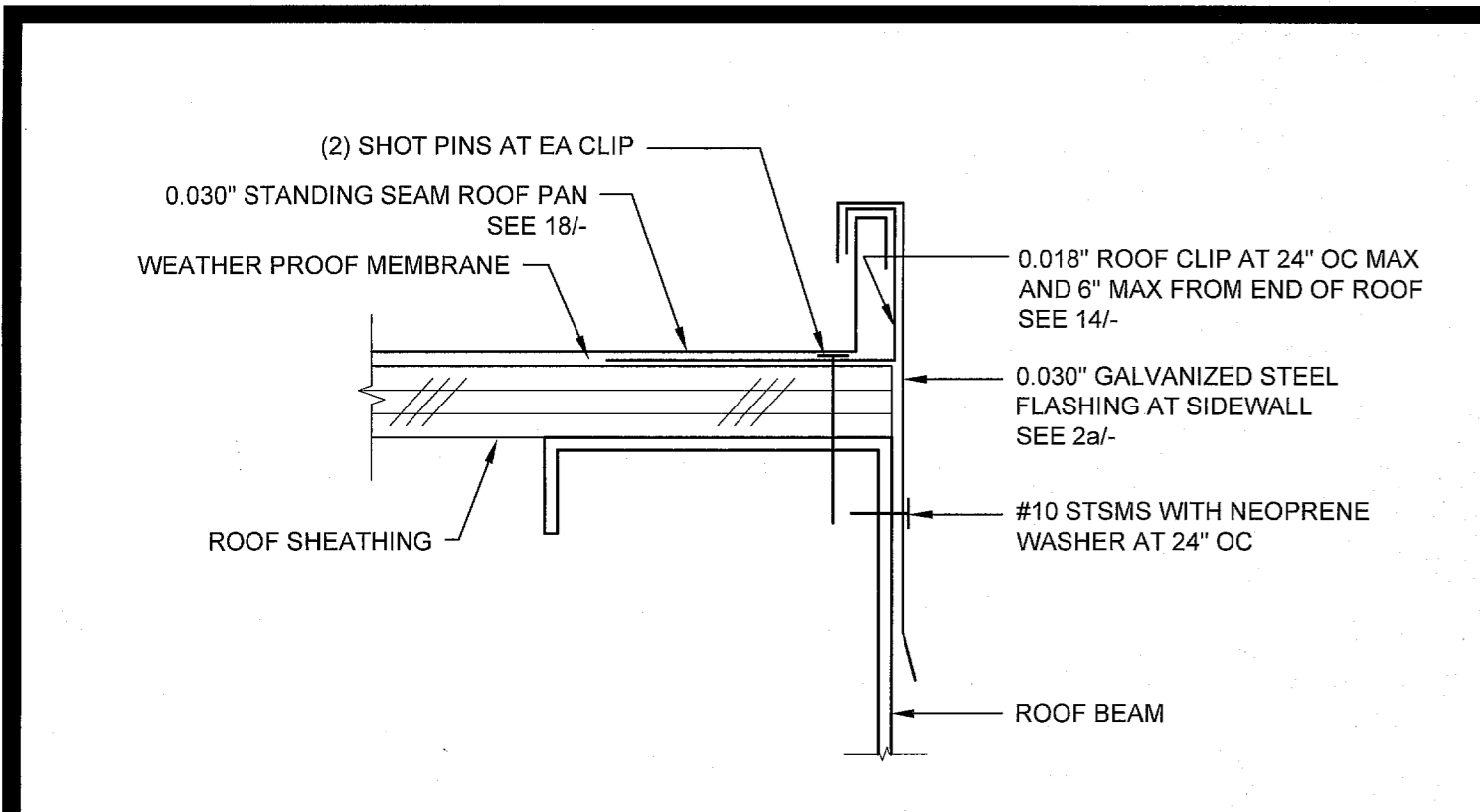
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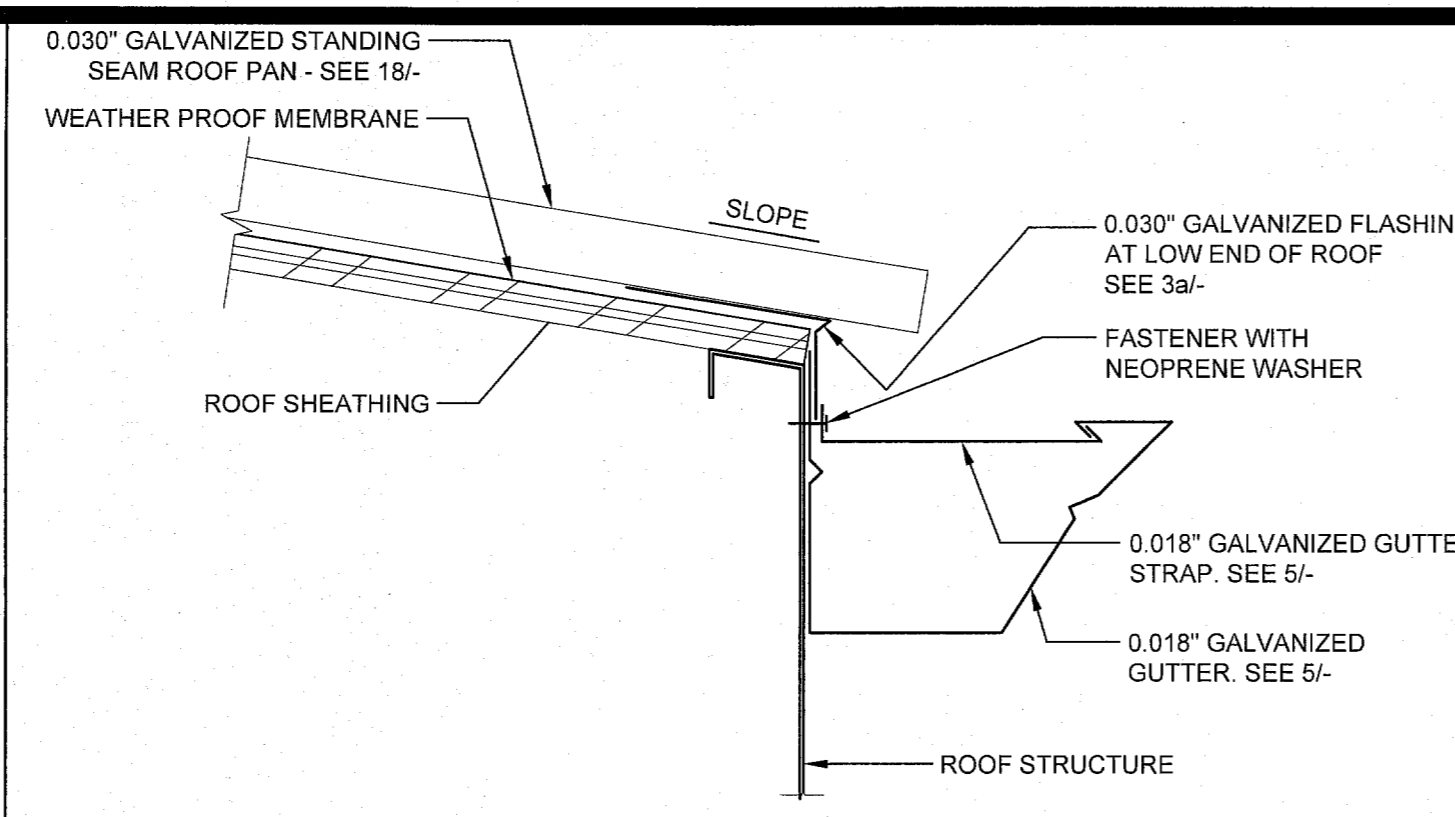
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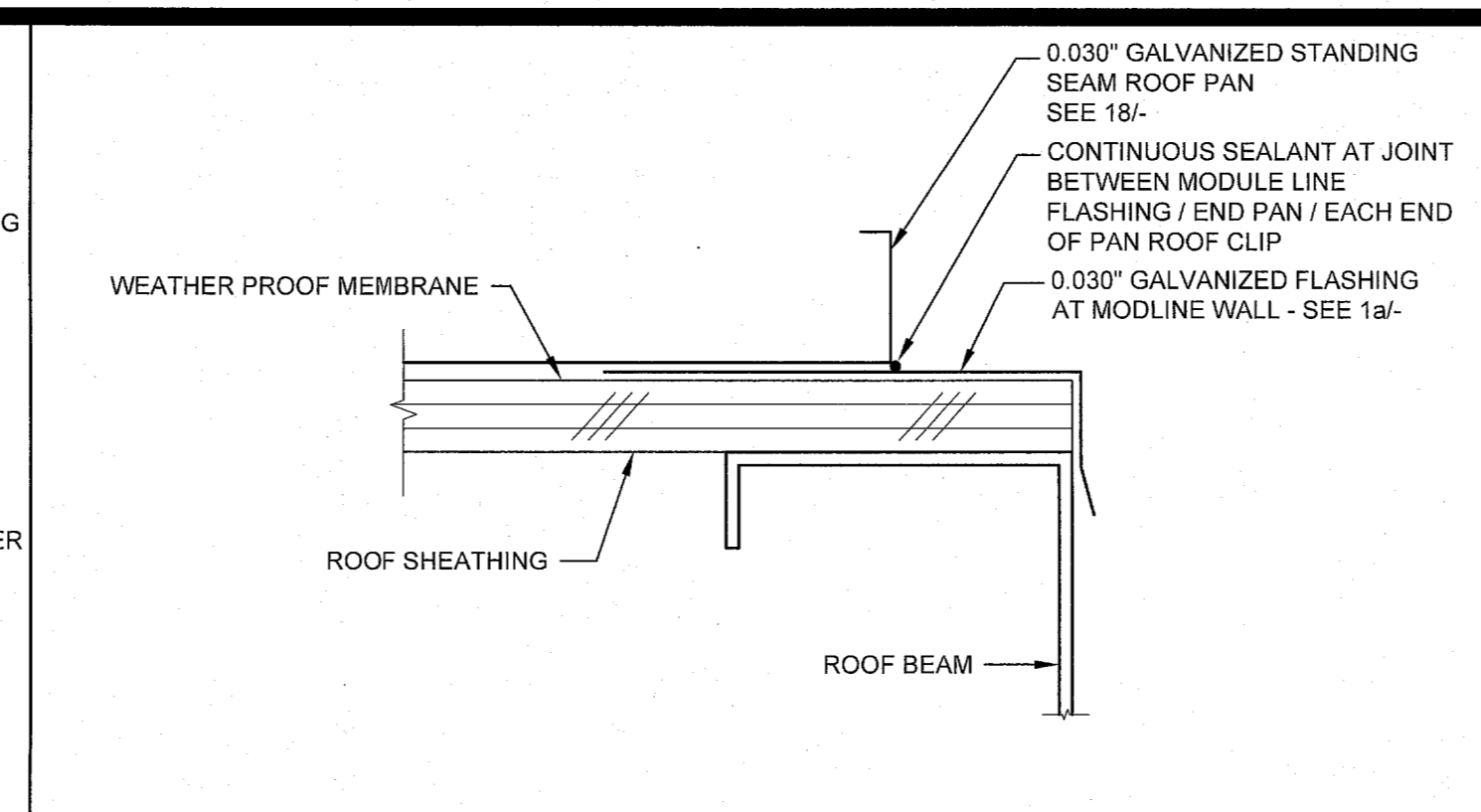
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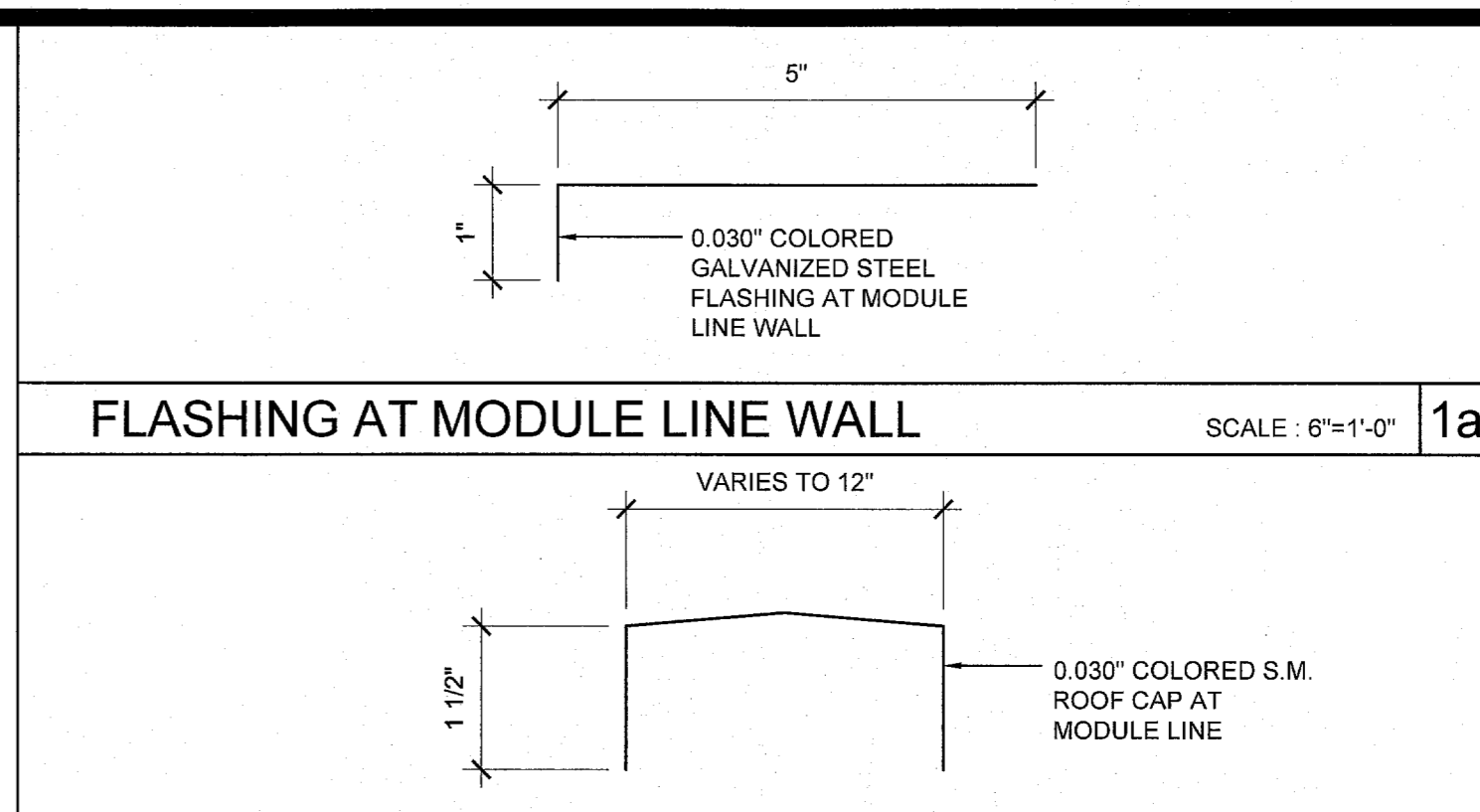
ROOF FLASHING AT SIDEWALL SCALE: 6"=1'-0" 16



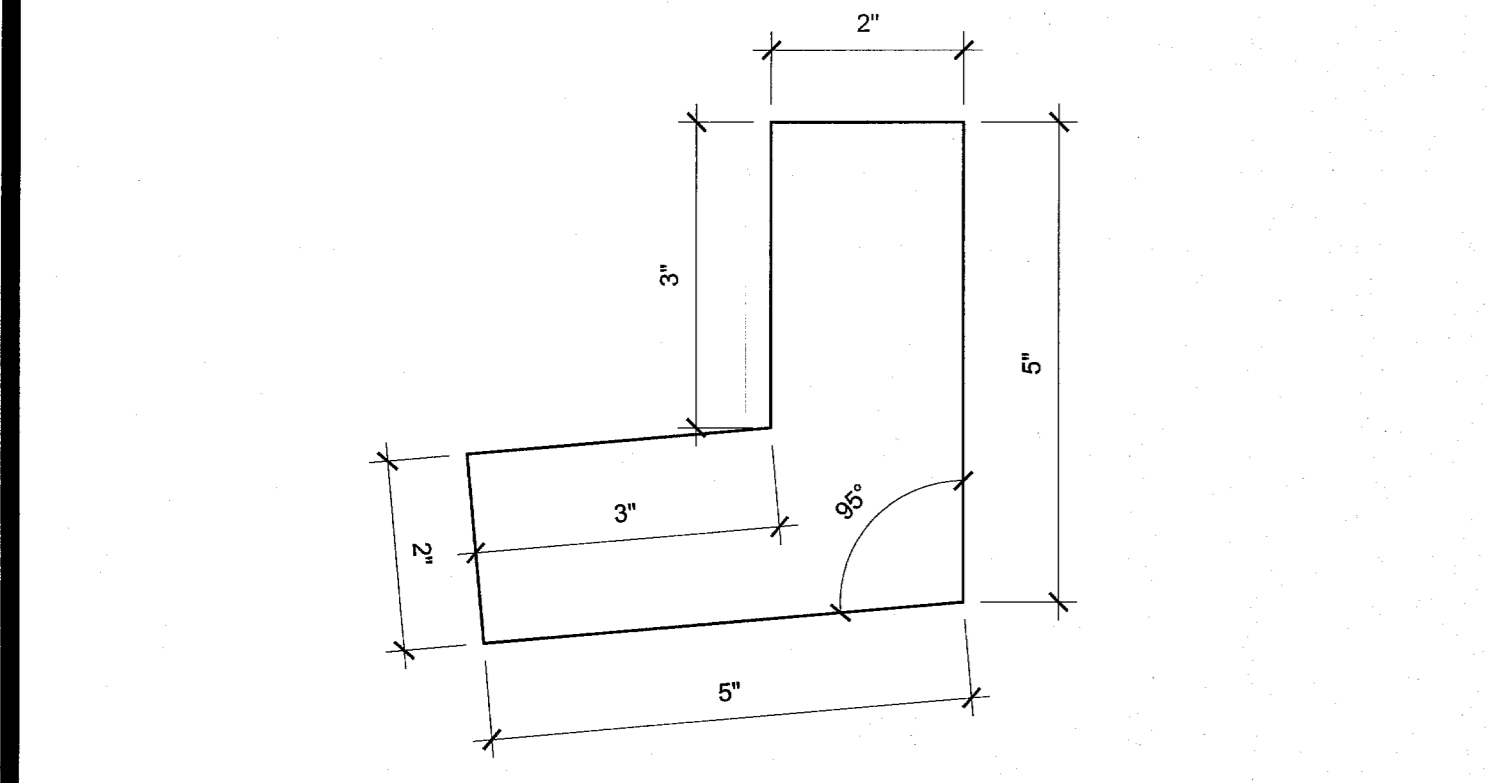
GUTTER AT ROOF FASCIA BEAM SCALE: 3"=1'-0" 11



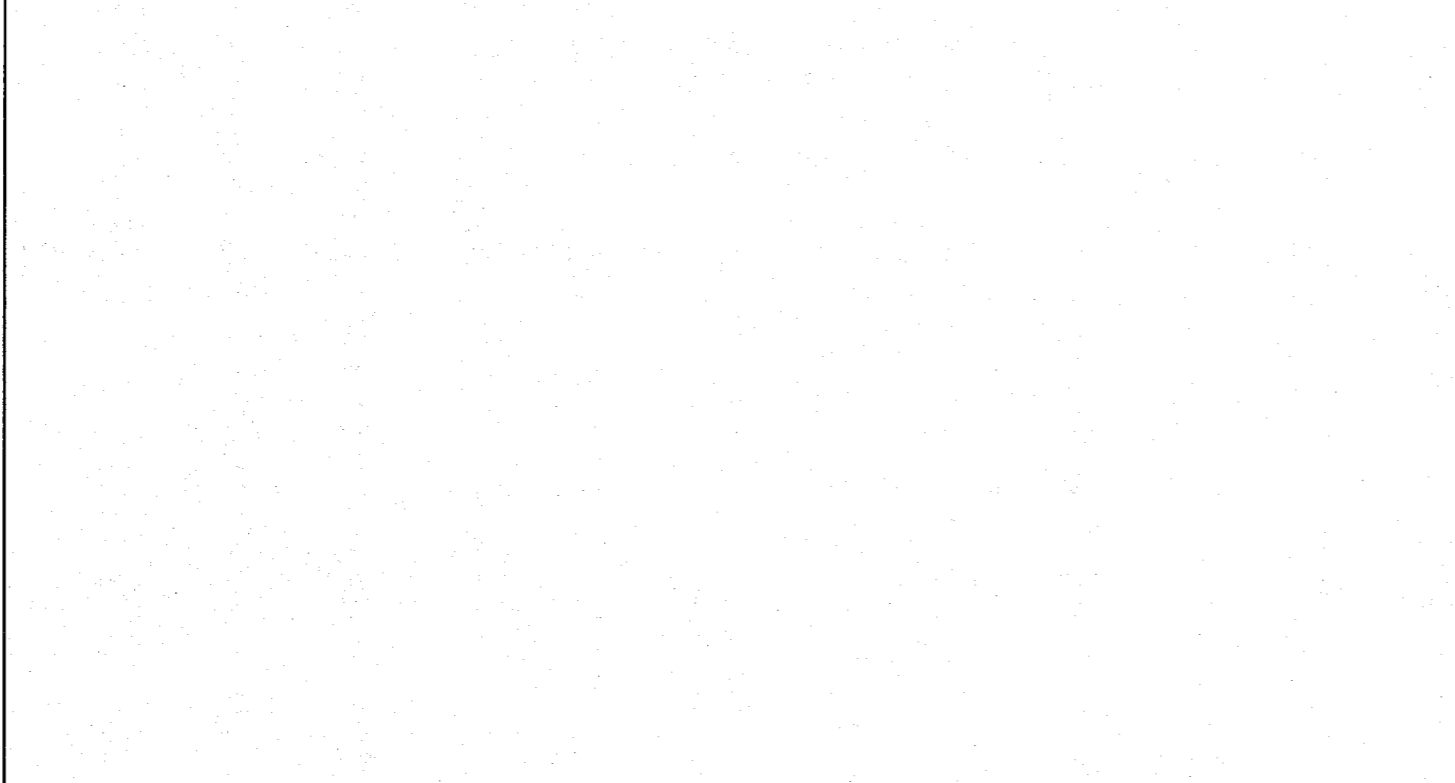
END ROOF PAN CONNECTION SCALE: 6"=1'-0" 6



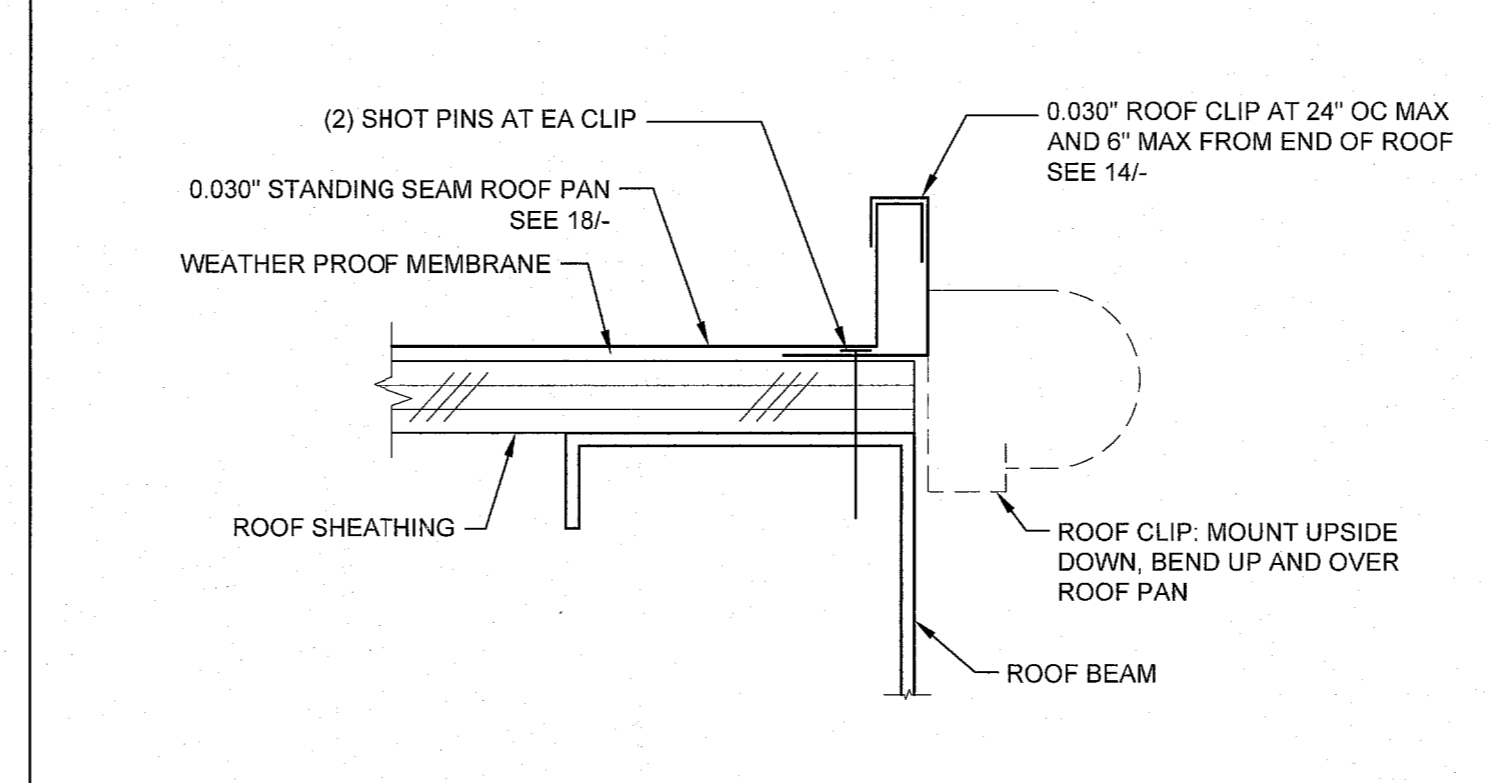
0.018" ROOF CAP AT MODULE LINE SCALE: 6"=1'-0" 1b



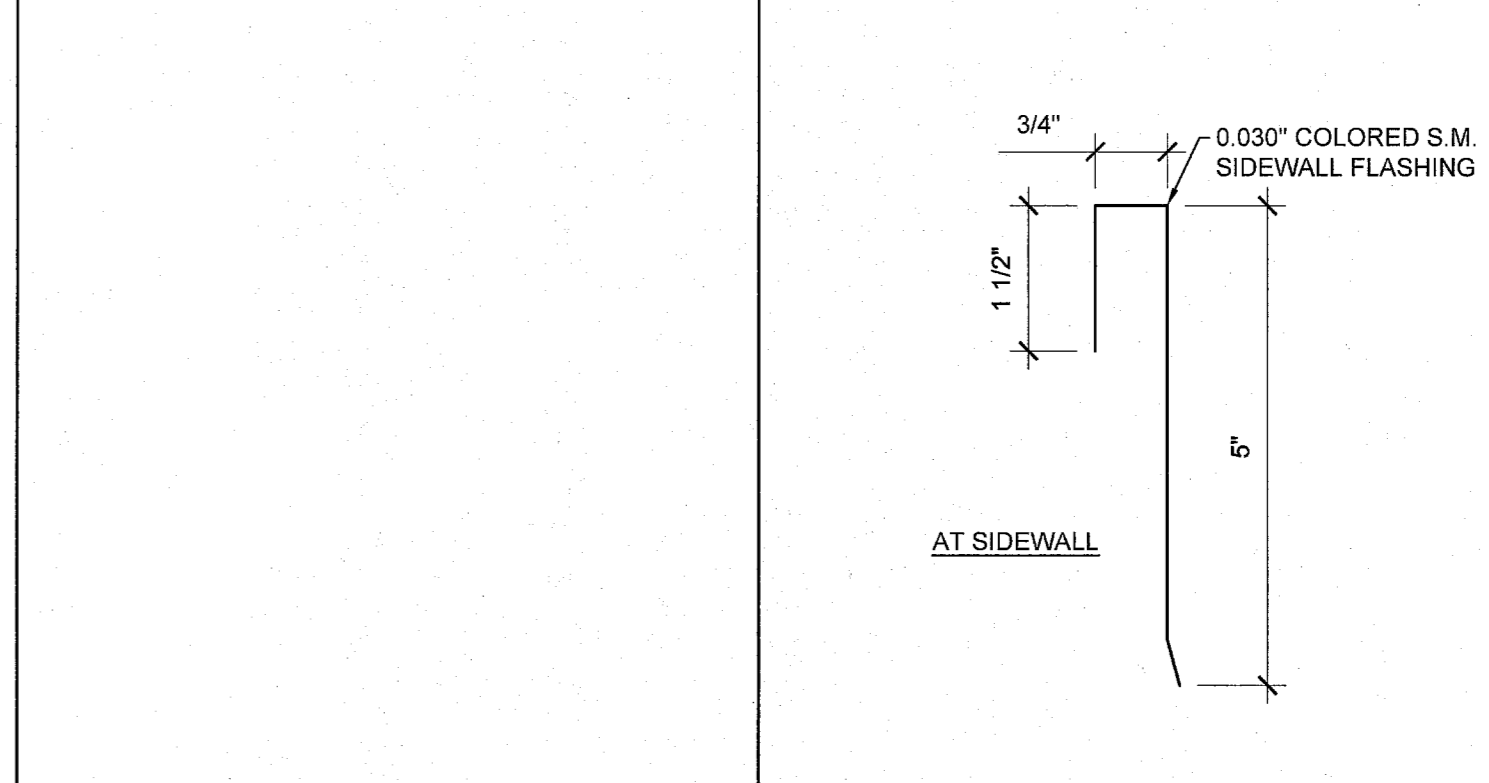
DOWNSPOUT ATTACHMENT SCALE: 6"=1'-0" 17



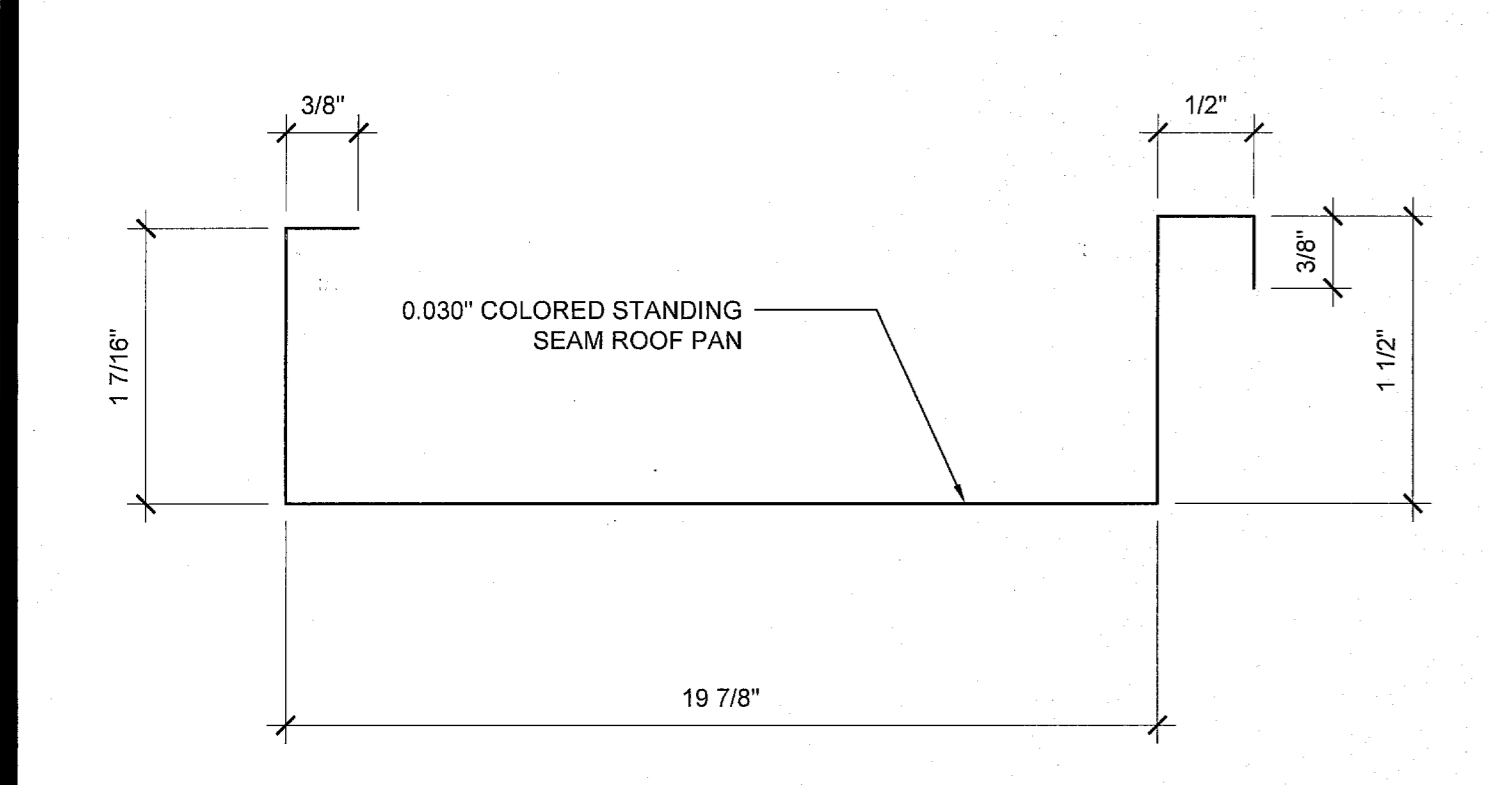
STARTER ROOF PAN CONNECTION SCALE: 6"=1'-0" 7



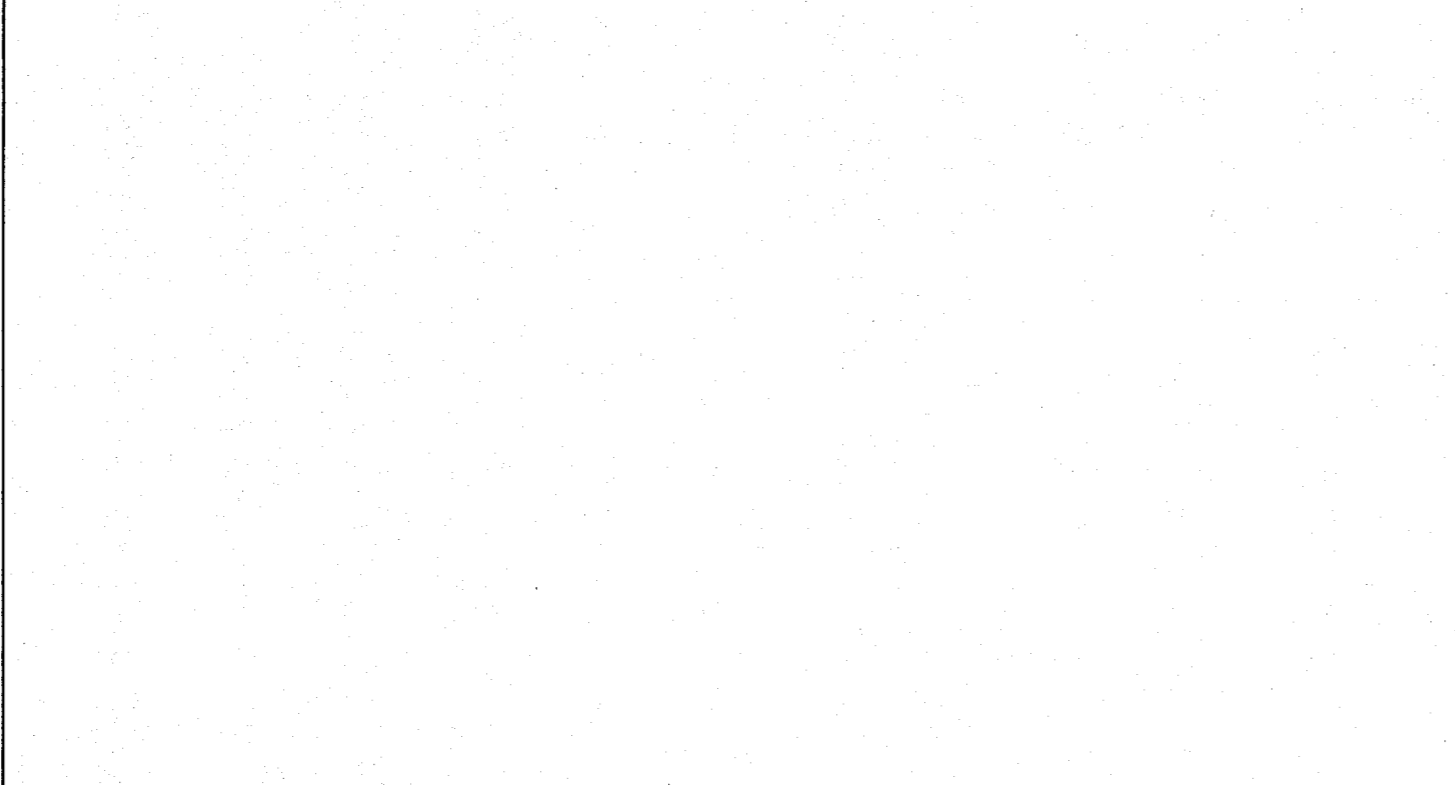
NOT USED 2b ROOF FLASHING SCALE: 6"=1'-0" 2a



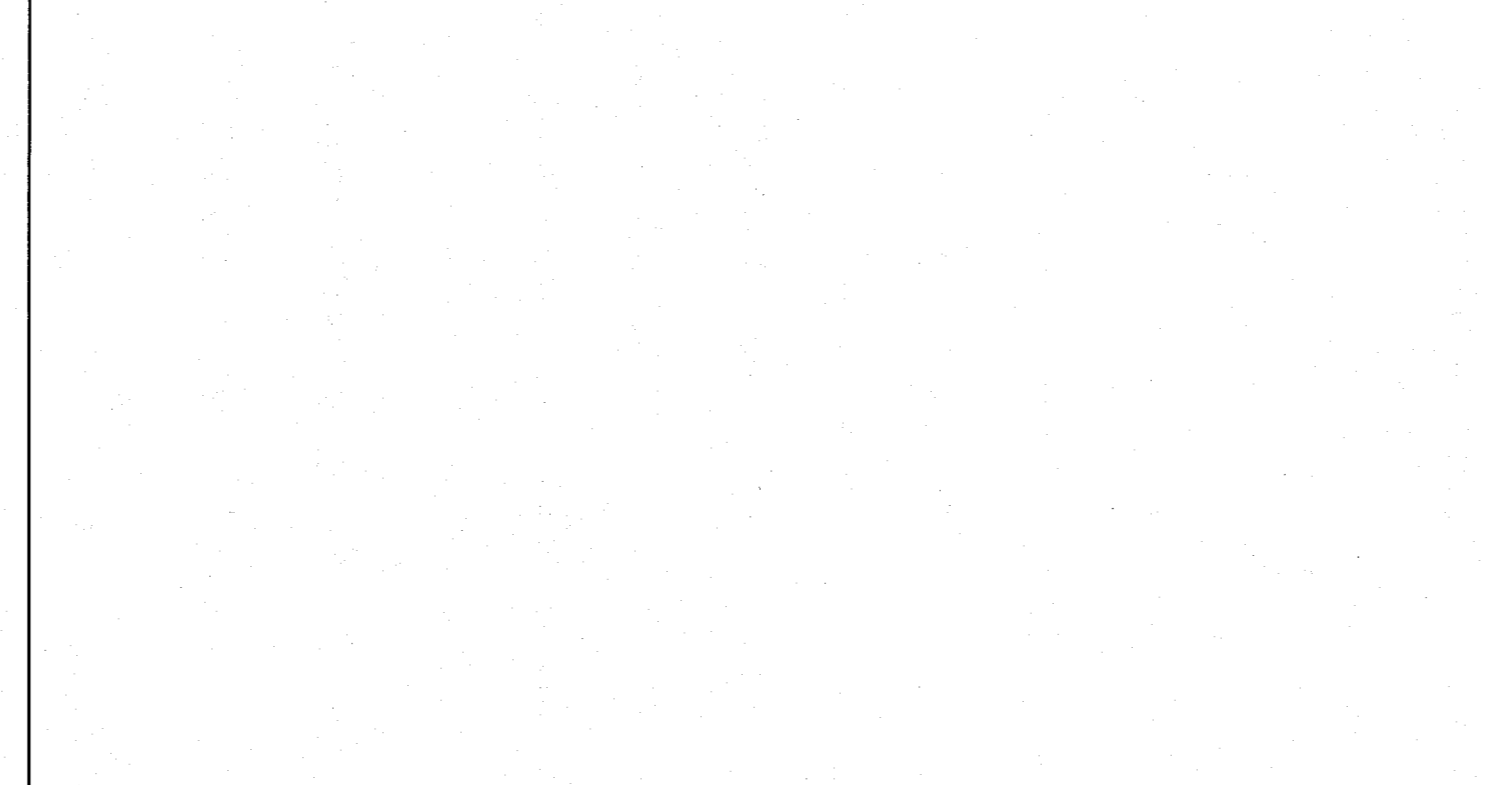
ROOF DECK PROFILE SCALE: 6"=1'-0" 18



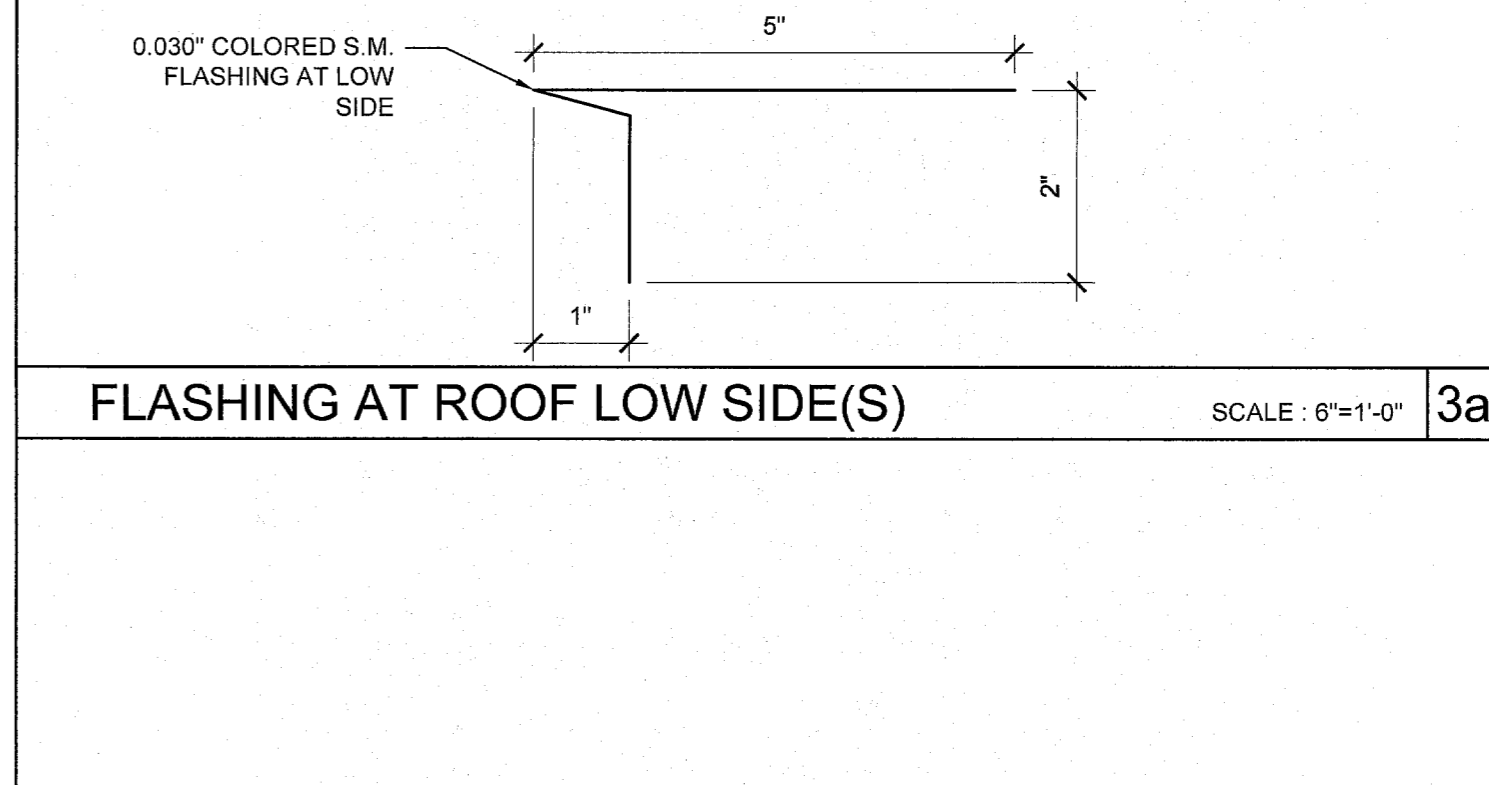
MODULE LINE ROOF CAP SCALE: NTS 19



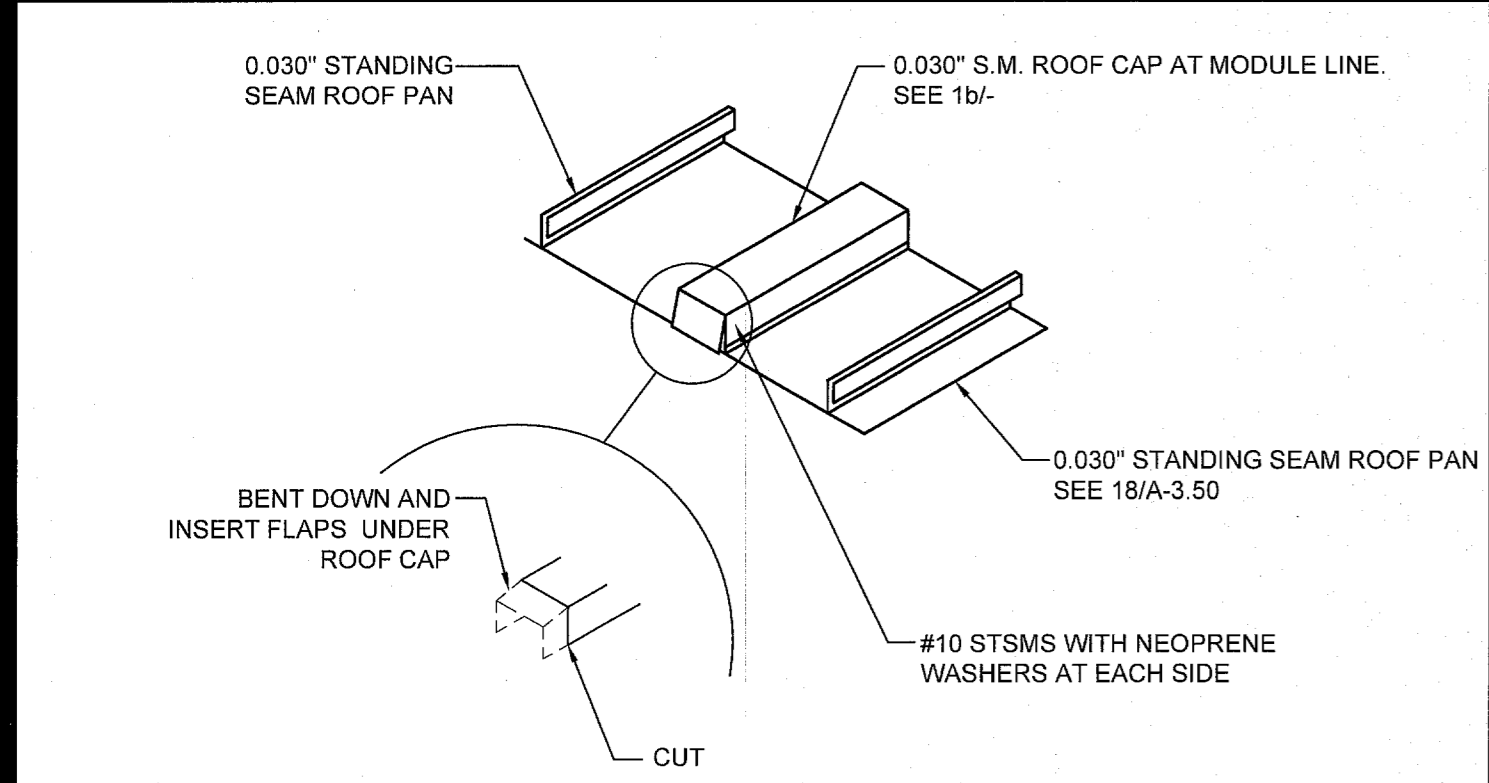
ROOF CLIP SCALE: 1'-0"=1'-0" 14



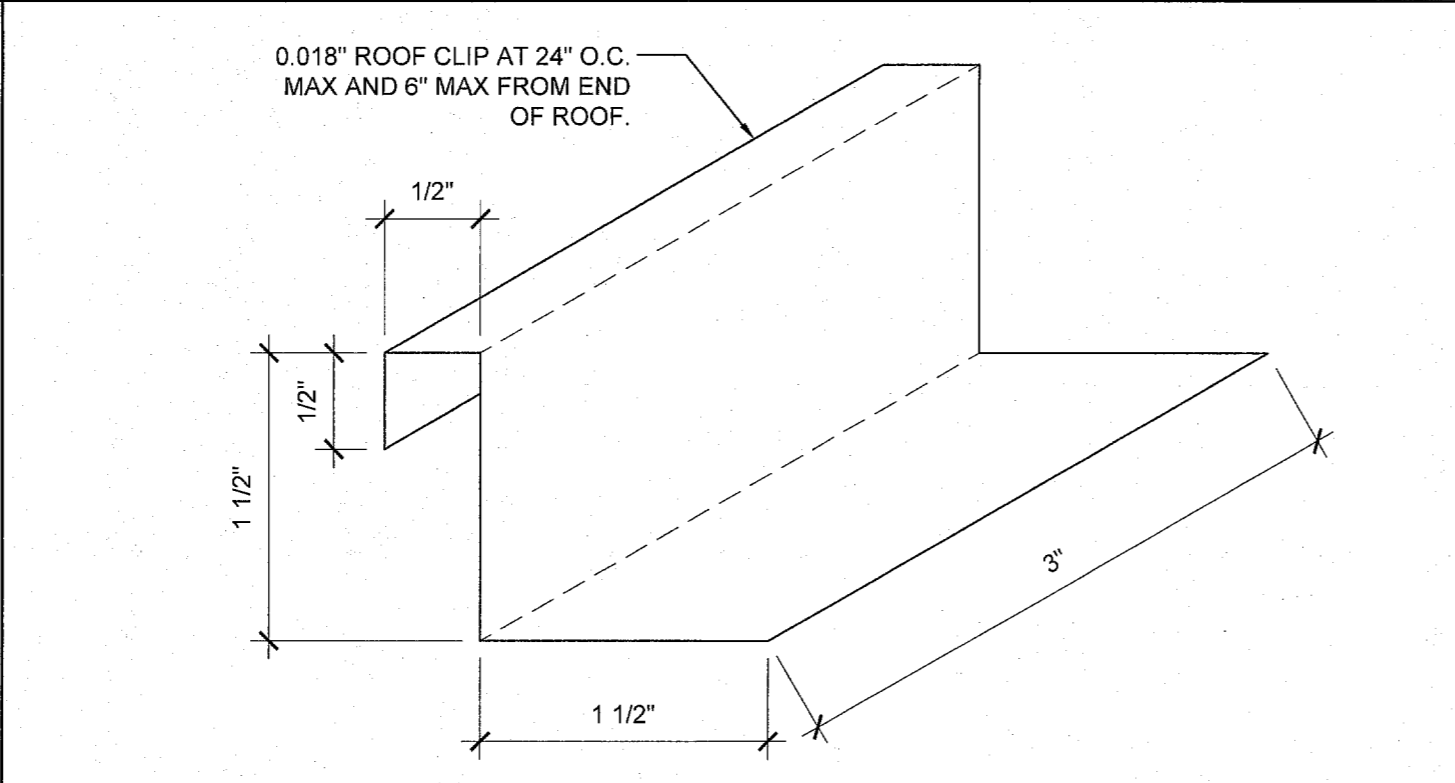
ROOF STANDING SEAM SCALE: NTS 9



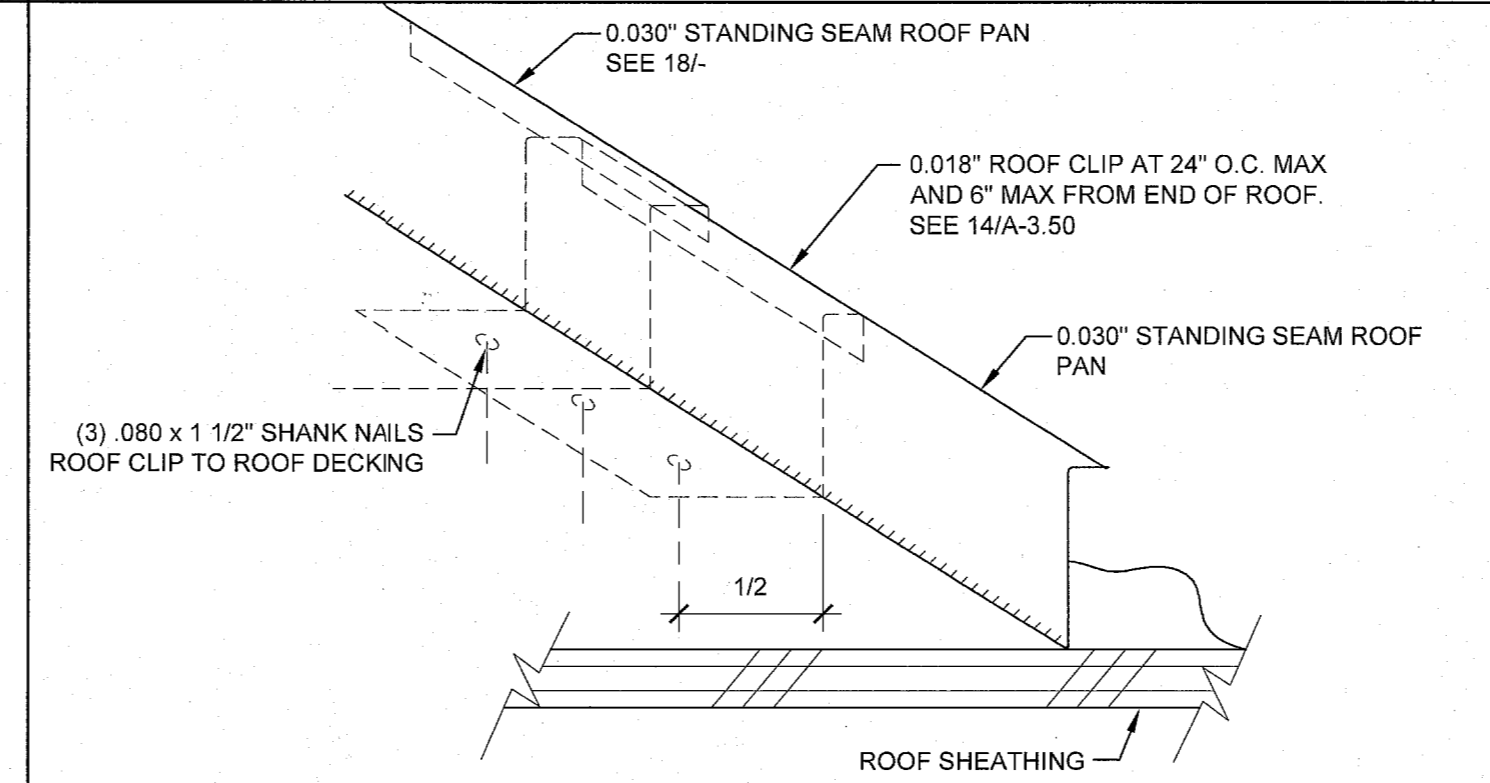
0.018" GUTTER AND GUTTER STRAP SCALE: 3"=1'-0" 5



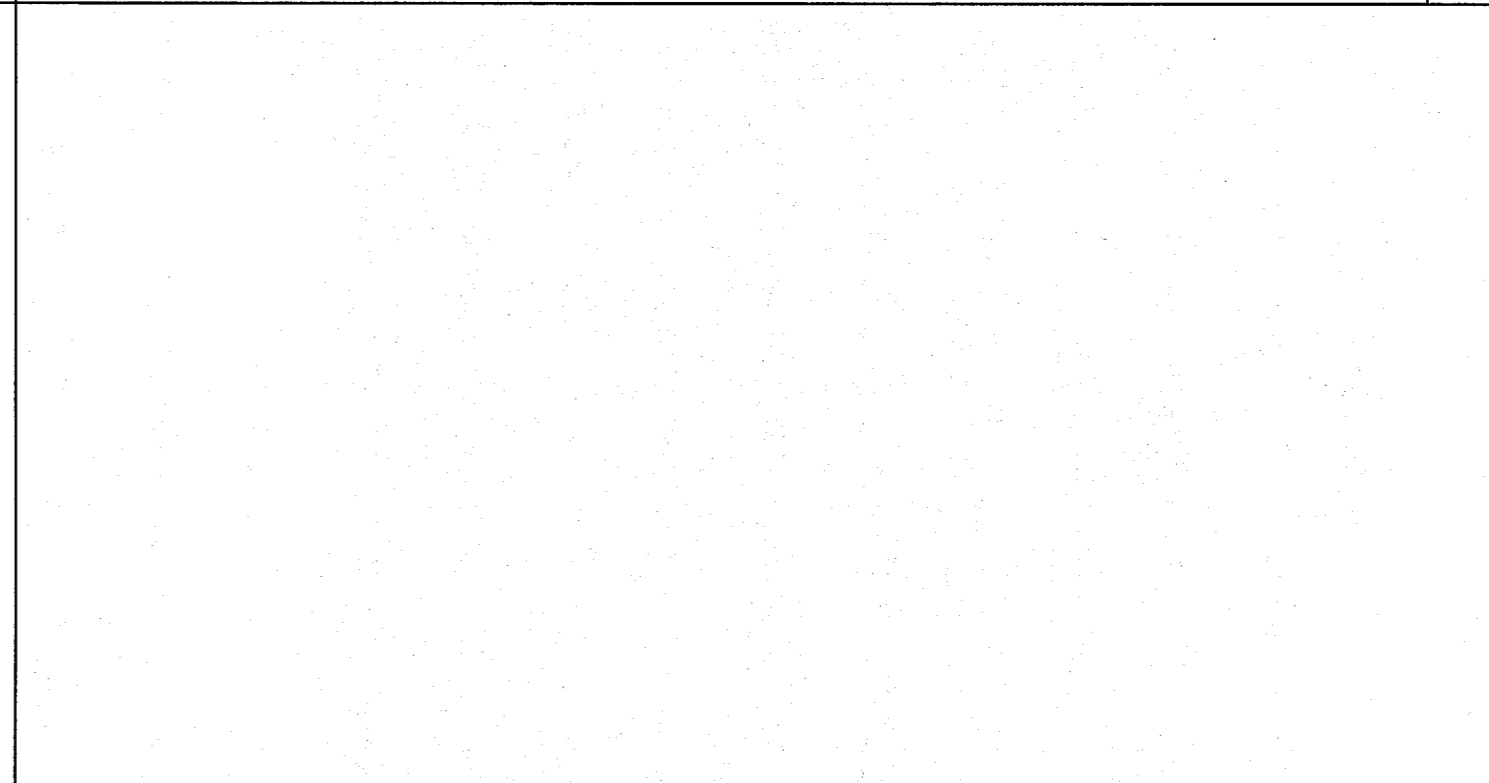
DOWNSPOUT ATTACHMENT SCALE: 3"=1'-0" 20



MODULE LINE ROOF CAP - 0.030" ROOF SCALE: 3"=1'-0" 10



0.018" GUTTER AND GUTTER STRAP SCALE: 3"=1'-0" 5



0.018" GUTTER AND GUTTER STRAP SCALE: 3"=1'-0" 5

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 DATE: 10/1/2019
 SCI Inc

SILVER CREEK INDUSTRIES, INC.
 "BUILDING FOR THE NEXT GENERATION"
 SILVER CREEK
 2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
PROJECT SPECIFIC ROOF DETAILS 0.030 STANDING SEAM ROOF DECK

ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

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 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

REVISIONS

SILVER CREEK INDUSTRIES

PROJECT NO: 10914
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 04-20-17

SHEET NUMBER
A-3.50N

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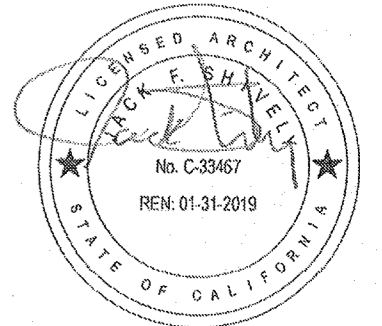


2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
PROJECT SPECIFIC EXTERIOR ELEVATIONS



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

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 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RAE
 DATE: MAY 18 2017

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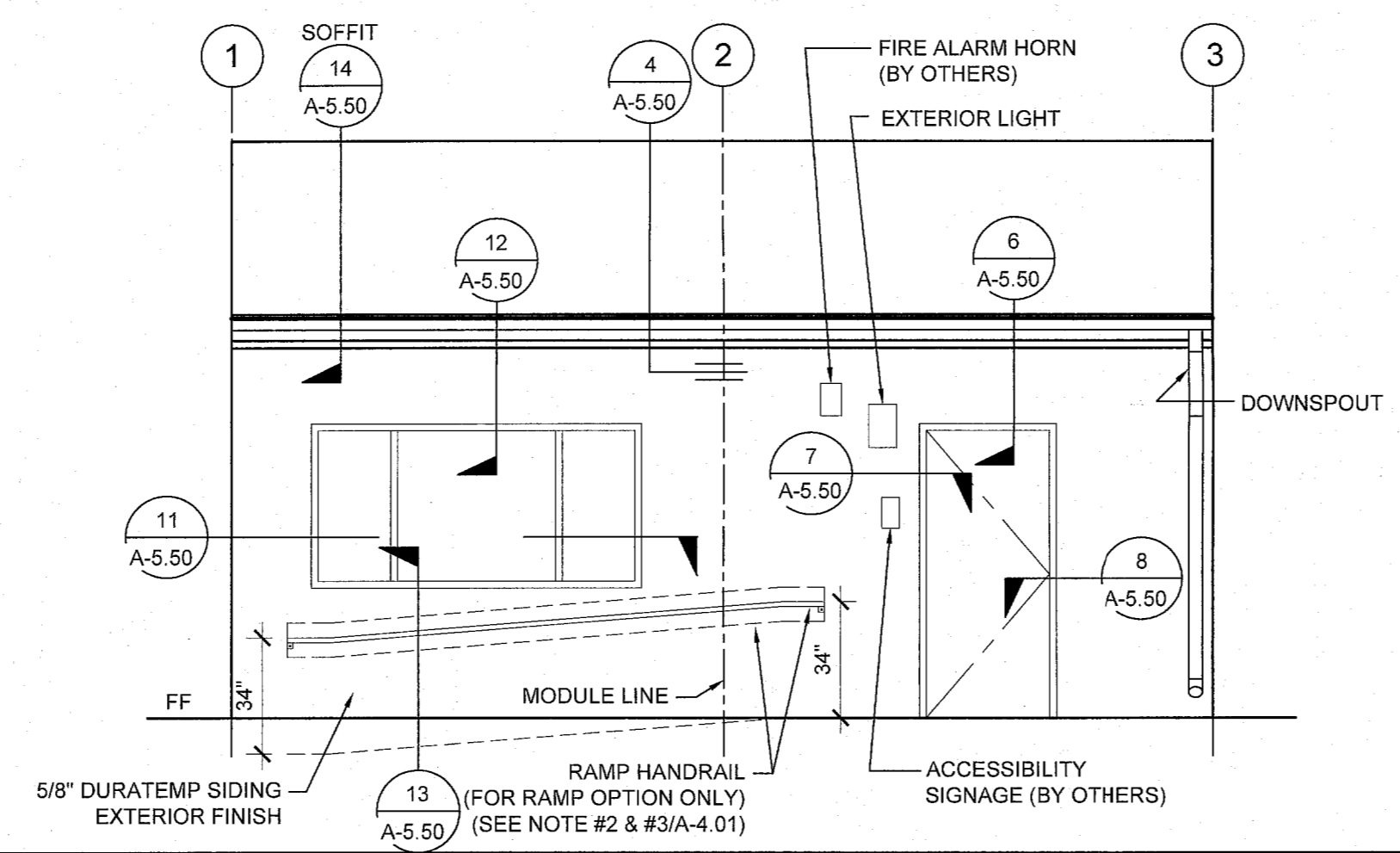
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 DRAWN BY:
 SCALE: AS NOTED
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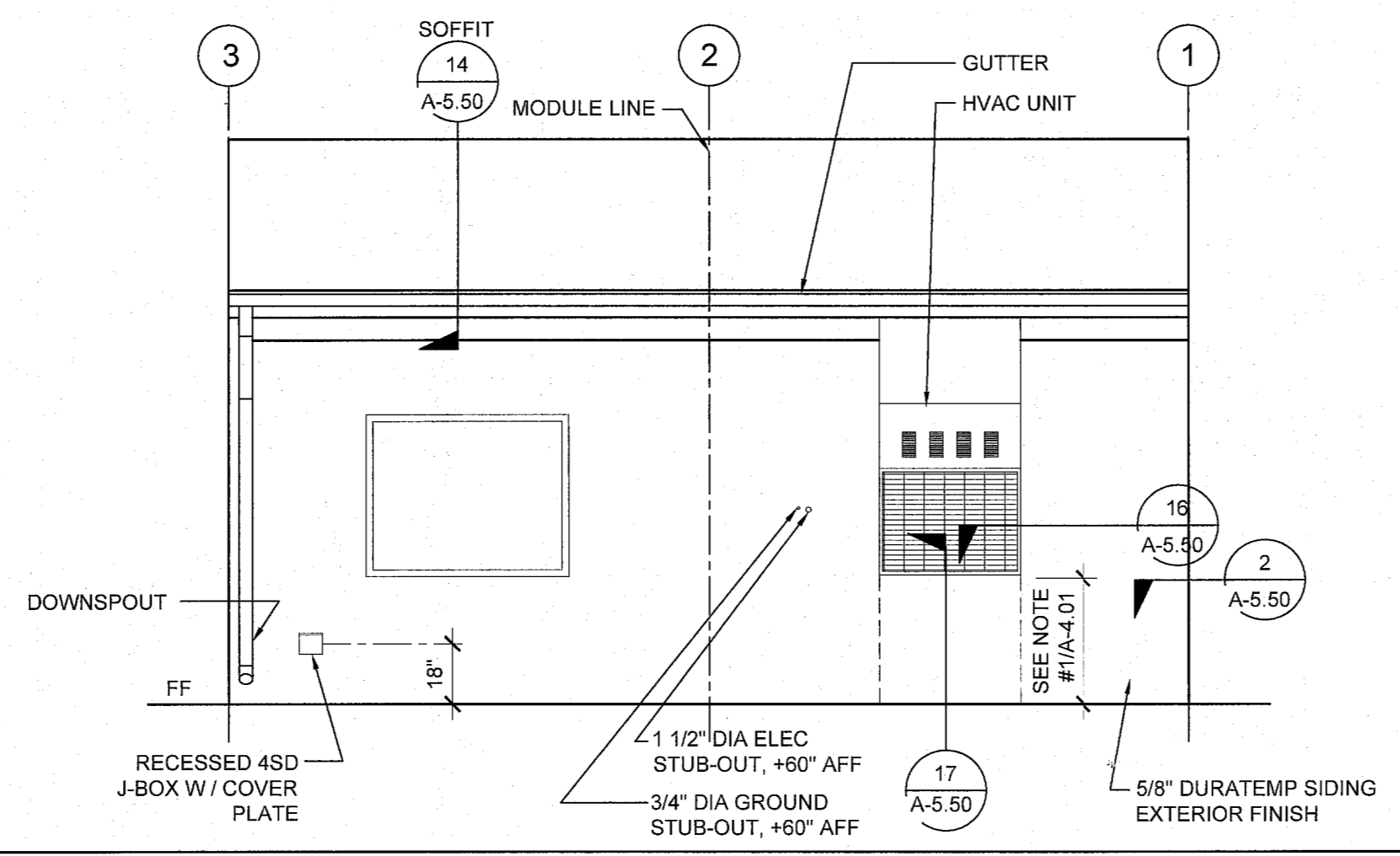
A-4.01N



PAINT FINISH NOTE
 EXTERIOR SIDING - FLAT
 EXTERIOR TRIM - SEMI GLOSS
 EXTERIOR DOORS AND FRAMES - GLOSS
 GUTTERS & DOWNSPOUTS - SEMI GLOSS

EXTERIOR ELEVATIONS - FRONT - DUAL SLOPE

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

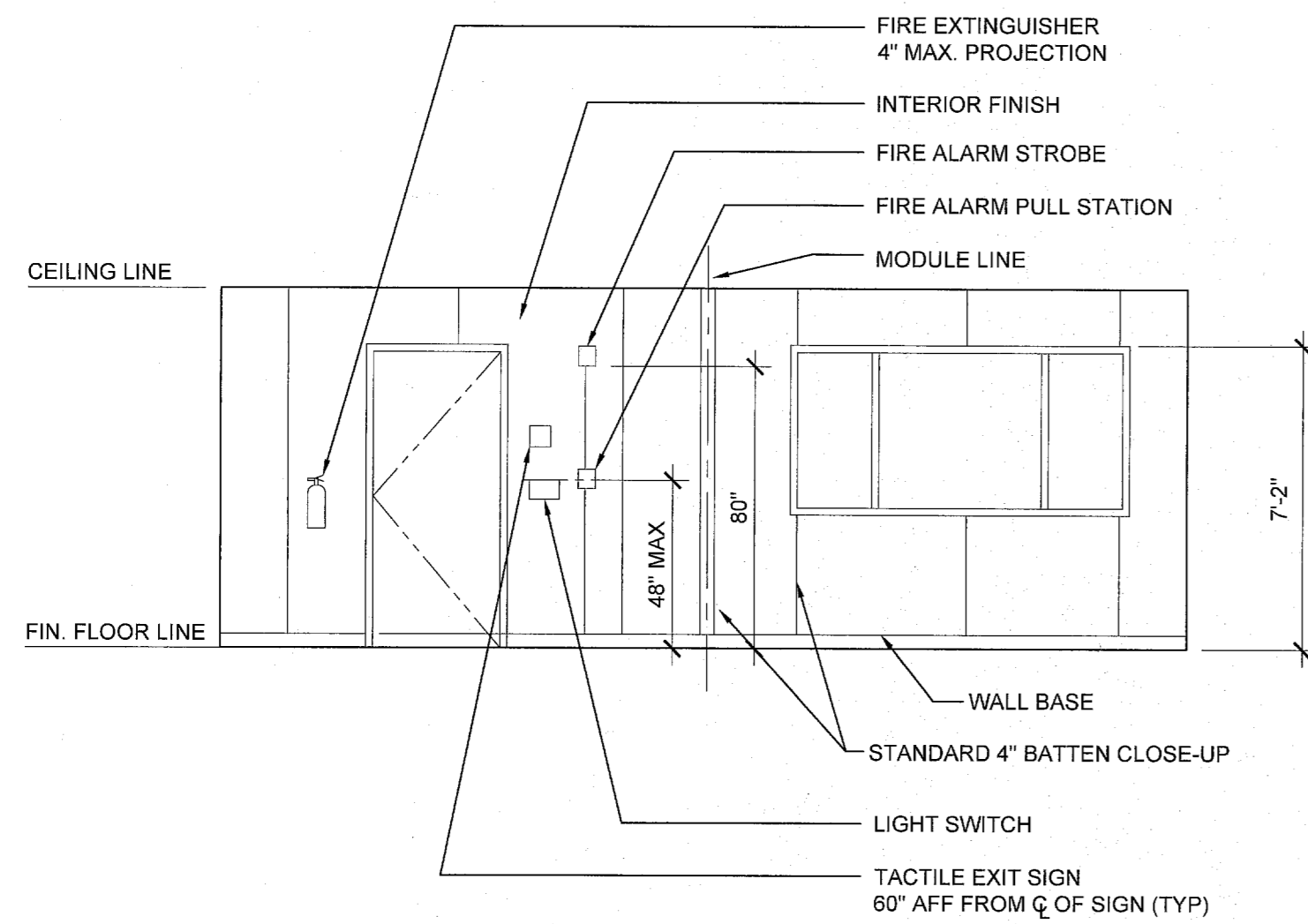


EXTERIOR ELEVATIONS - REAR - DUAL SLOPE

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

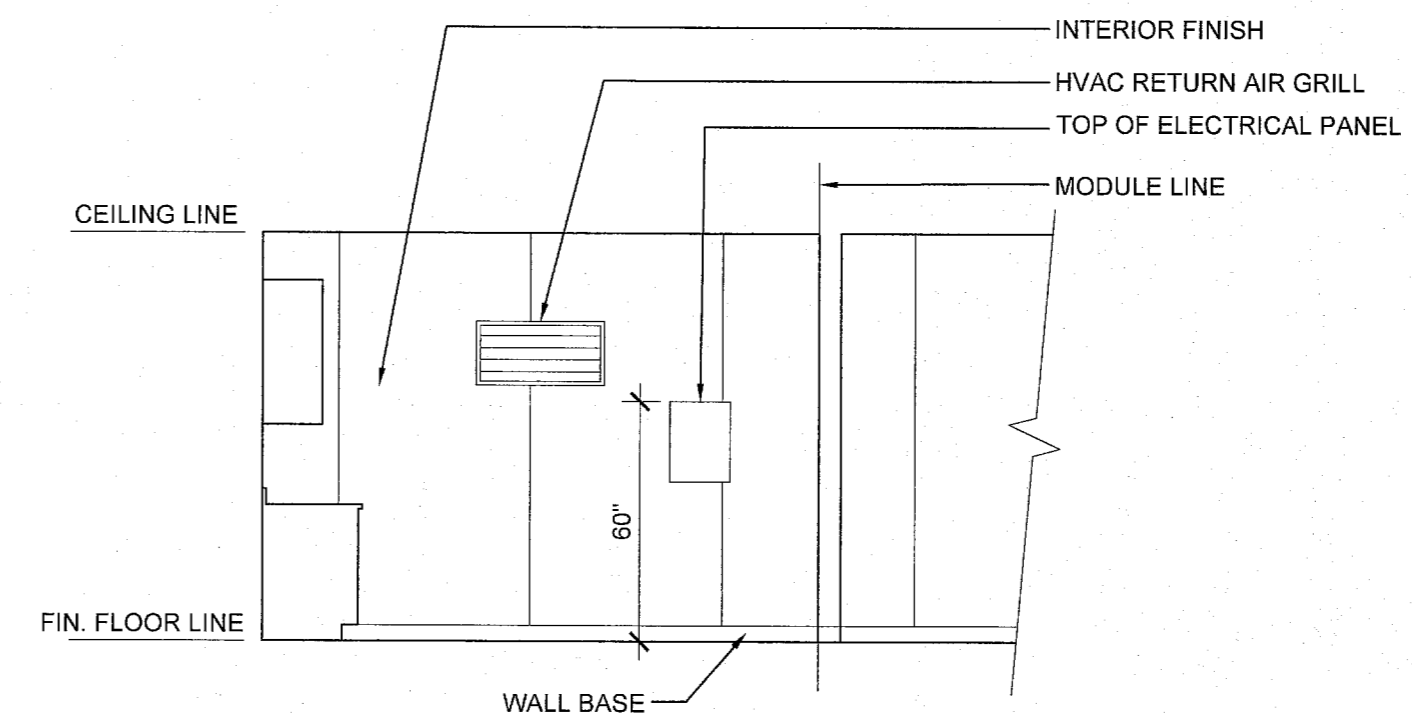
SCALE: 1/4" = 1'-0" 3

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



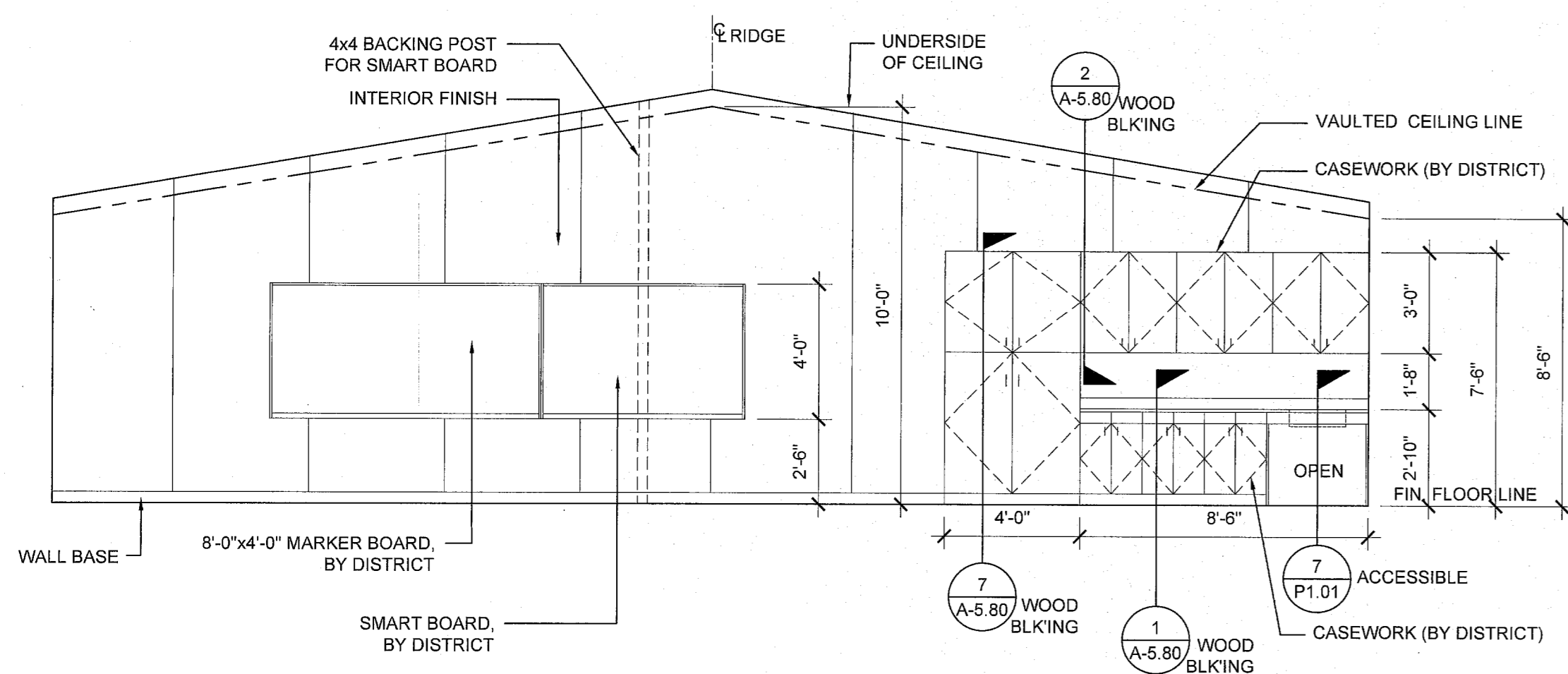
INTERIOR ELEVATION

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



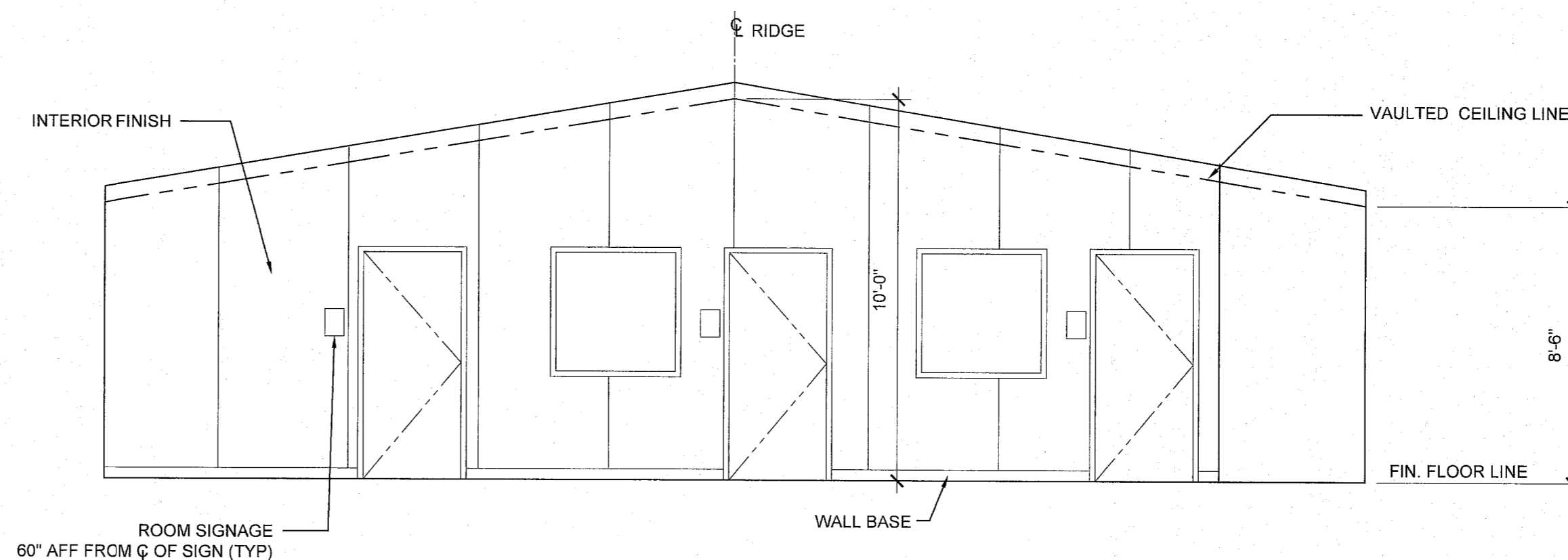
INTERIOR ELEVATION

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



INTERIOR ELEVATION

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

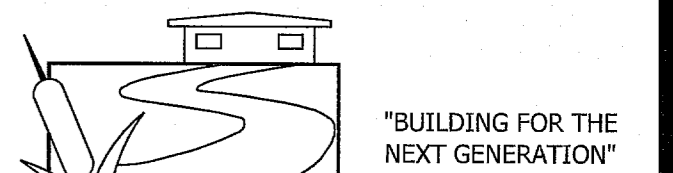


INTERIOR ELEVATION

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

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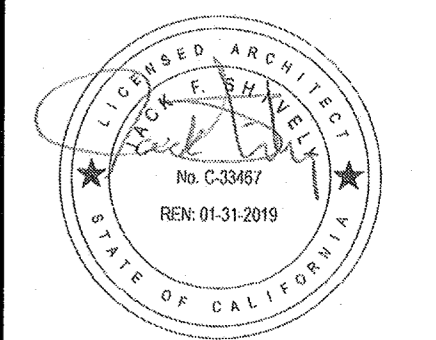
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

PROJECT SPECIFIC INTERIOR ELEVATIONS



ARCHITECT OF RECORD
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DRAWN BY:

SCALE: AS NOTED

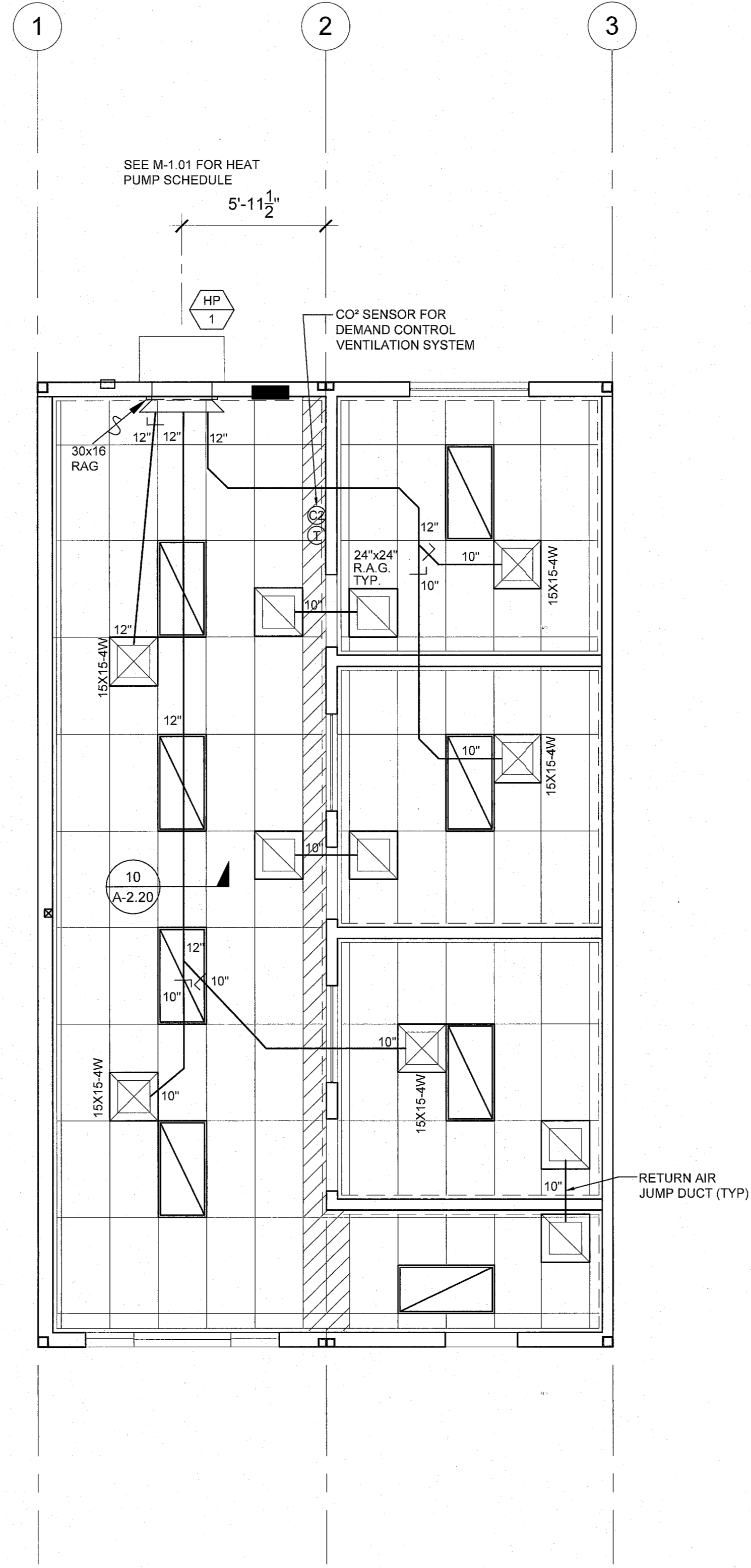
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NOTE:
PROVIDE ECONOMIZER W/ HVAC UNIT.
SEE M-1.01 FOR MECHANICAL SCHEDULE



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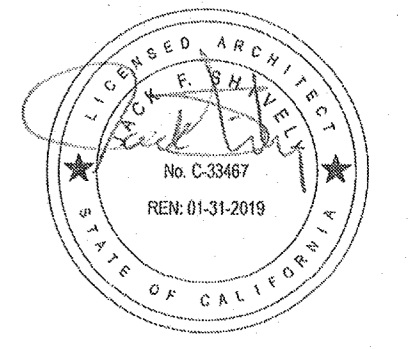
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

PROJECT SPECIFIC MECHANICAL PLAN



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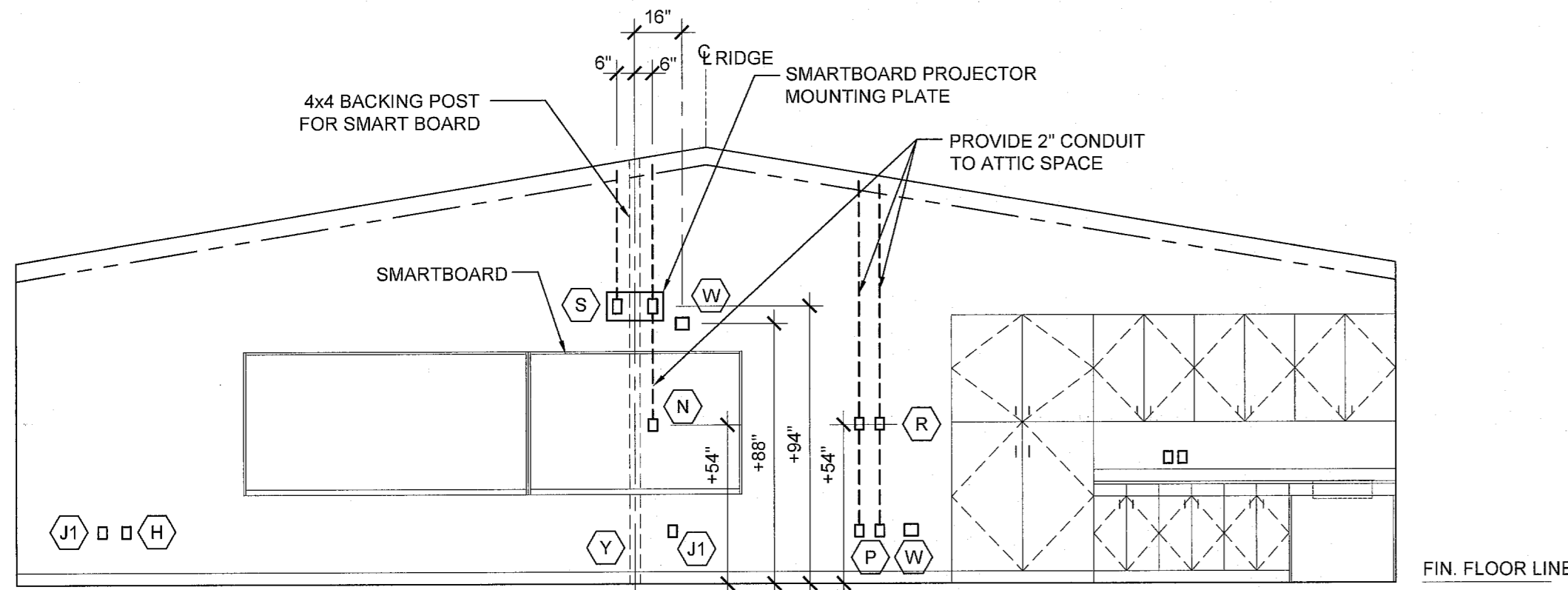
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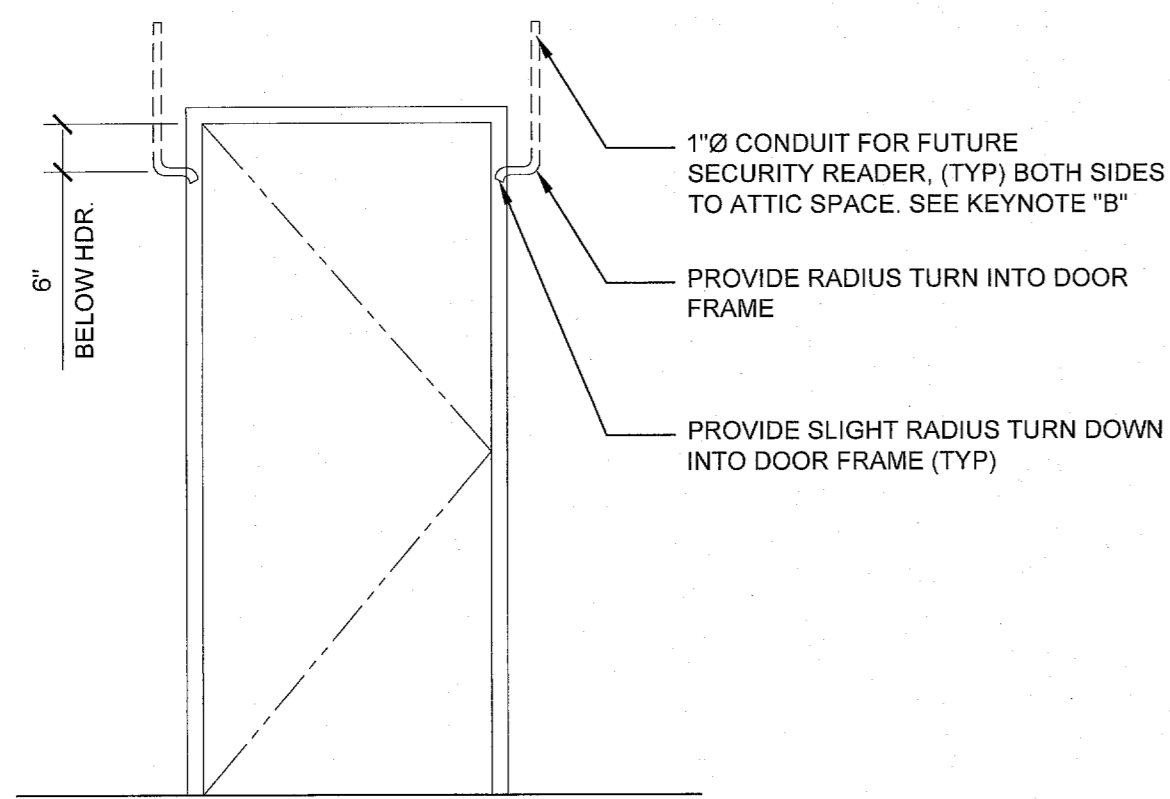
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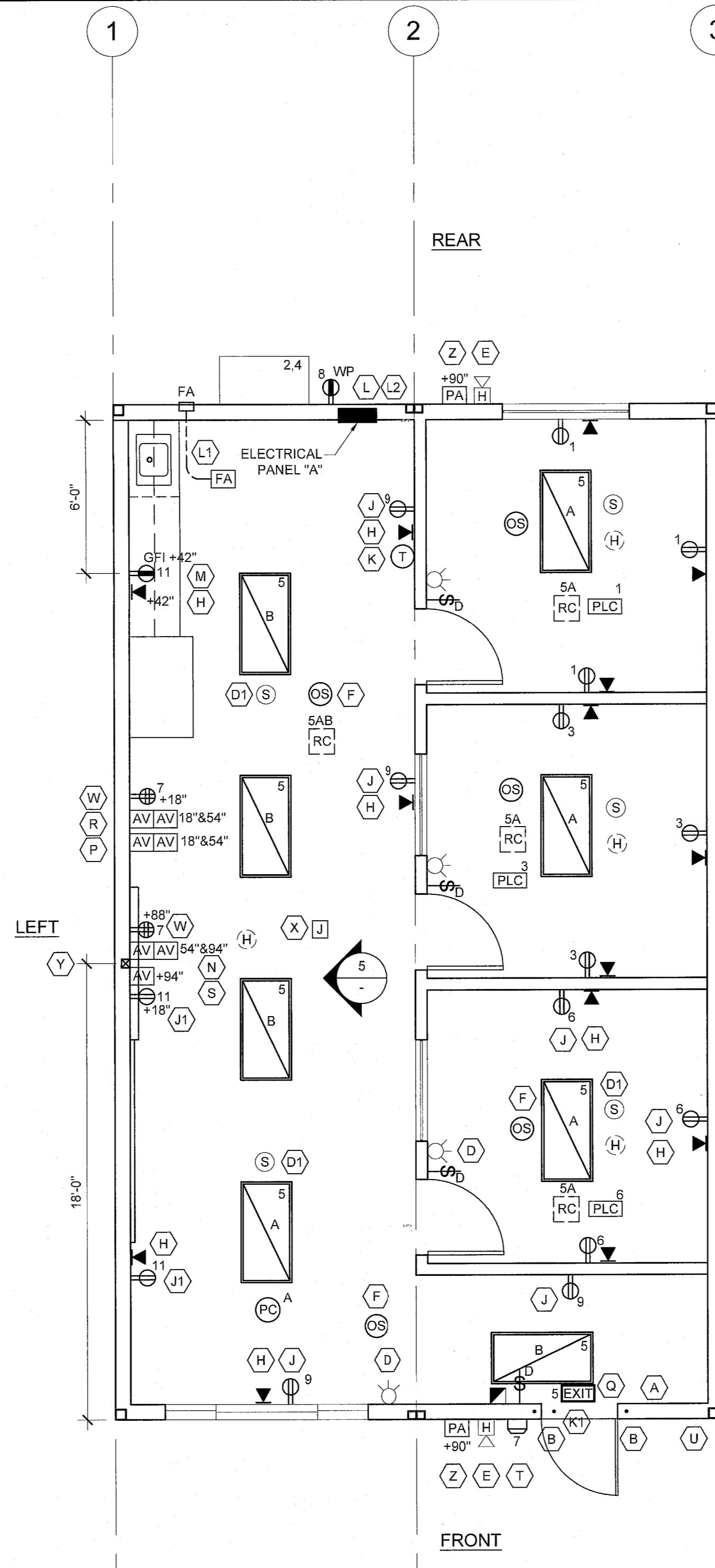
SMART BOARD WALL ELEVATION

SCALE: 1/4" = 1'-0" 5



DOOR CONDUIT DETAIL

SCALE: 1/2" = 1'-0" 6



ELECTRICAL PLAN

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

PANEL: A S/N:	PHASE: SINGLE	VOLTS: 120/208	BUSS: 200 AMP	MAIN: 200 AMP	LOCATION: INTERIOR	FEED:		MOUNTING: RECESSED											
						REAR	RECESSED												
OBJECT DESCRIPTION	WAT PER	NO. OF	LCL	WATTS	WIRE NO	WIRE SIZE	WATTS	WIRE NO	WIRE SIZE	WATTS	WIRE NO	WIRE SIZE	WATTS	WIRE NO	WIRE SIZE	WATTS	WIRE NO	WIRE SIZE	
RECEPTS	180	3		540	20	1	#12	1	X	2	#6	2	60	6032		1	6032	4	TON HP
RECEPTS	180	3		540	20	1	#12	3	X	4	#6	1	20	6032		1	6032	4	TON HP
INT. LIGHTS	56	6	X	448	20	1	#12	5	X	6	#12	1	20	540		3	180		RECEPTS
QUAD RECEPTS	360	2		720	20	1	#12	7	X	8	#12	1	20	180		1	180		EXT RECEPT
RECEPTS	180	4		720	20	1	#12	9	X	10	#12	1	20	150		1	150		PIPE ALARM
RECEPTS	180	3		540	20	1	#12	11	X	12	#12	1	20	30	X	1	30		EXT. LIGHT
				0				13	X	14				0					
				0				15	X	16				0					
				0				17	X	18				0					
				0				19	X	20				0					
LEG TOTALS				1708	1800								6722	6242					
LCL=119.5+16472=16591.5								LEG BALANCE = 2.4%				TOTAL AMPS: 79.77							
TOTAL WATTS=16591.5																			

ELECTRICAL PANEL

4

KEYNOTE REFERENCE

Refer to floor plan(s) indicating the locations of following items.

- A - Recessed cabinet Fire Extinguisher - Install at +48" from floor.
- B - Provide 1" conduit to from attic to 6" below header. Sweep through king stud and trimmer into void area of door jamb for future door lock controls. Provide slight turn down once into jamb area.
- C - Provide surge protected duplex outlet for future IDF cabinet. Locate as indicated on floor plan. Provide circuit in electrical panel as indicated on plan.
- D - J-Box only (Horn/Strobe) - Install 4" sq. J-box (4" sq. x 2-1/8" deep) at +60" from floor. 3/4" conduit stubbed above Ceiling. Box shall be mounted flush with interior wall finish.
- D1 - J-box only (Smoke detector) - Install 4S box with 3/0 plaster ring flush with t-bar ceiling / hard lid surface. (Install per DSA approved PC plans)
- E - J-Box only (Exterior fire horn/speaker) - Install 4" sq. J-box (4" sq. x 2-1/8" deep) at +90" from floor. 3/4" conduit stubbed above Ceiling. Box shall be mounted flush with exterior wall finish.
- F - Ceiling mounted occupancy sensor. Acuity brand, model #CMR9-PDT.
- G - Install p.v.c. drain at sink area with p.v.c. vent pipe up in wall. Daylight vent through roof and drain through wall just above bottom plate. Do not install water supply line.
- H - J-box only (Data outlet) - 3/4" conduit stubbed above Ceiling.
- J - Standard duplex outlet location. Provide circuits in electrical panel as indicated on plan. These locations indicated on the plans are the only locations where outlets are required. Please do not deviate.
- J1 - Standard surge protected duplex outlet location. Provide circuits in electrical panel as indicated on plan. These locations indicated on the plans are the only locations where outlets are required. Please do not deviate.
- J2 - J-Box only (future power). Provide conduit reentry to electrical panel. No wires or outlet at this time.
- K - J-Box only (T-Stat). BCS will provide T-stat. Please note that the control wire for the HVAC unit will need to be factory installed from the unit to the j-box for future inclusion of standard District t-stats.
- K1 - Provide time delayed HVAC shut down door switch. Intent is to shut down HVAC unit if door is left open too long.
- L - Power and ground entrances to the rels need to be accomplished by adding a conduit nipple for the ground and power wires at the rear of the panels through the wall and finish.
- L2 - 4S box with 1" conduit into attic space to 4S deep box for fire alarm cable.
- L3 - Provide 3/4" conduit from electrical panel to attic for future grounding purposes.
- M - G.F.I. receptacle. Mount as indicated on plan at cabinet location. Mount at standard height in classroom areas. Provide circuit in electrical panel as indicated on plan.
- N - Single gang deep mud ring. Locate at +94" above finish floor. Single gang deep mud ring. Locate at +54" above finish floor. Provide 2" conduit anchored to framing between mud rings and 2" conduit from top mud ring to above ceiling. No hard connections at mud rings. Provide pull string.
- P - Double gang deep mud ring. Locate at +54" above finish floor. Single gang deep mud ring. Locate at standard mounting height. Provide 2" conduit anchored to framing between mud rings and 2" conduit from top mud ring to above ceiling. No hard connections at mud rings. Provide pull string.
- Q - Install electric lighted exit sign with battery backup.
- R - Single gang deep mud ring. Locate at +54" above finish floor. Single gang deep mud ring. Locate at standard mounting height. Provide 2" conduit anchored to framing between mud rings and 2" conduit from top mud ring to above ceiling. No hard connections at mud rings. Provide pull string.
- S - Single gang deep mud ring at +94" above finish floor. Provide 2" conduit anchored to framing from mud ring to above ceiling. No hard connection at mud ring. Provide pull string.
- T - Exterior light fixture with built in photo cell. RAB Lighting Slim 18 with photocell.
- U - Provide and install Trimco #1254 wall mounted stop/door holder at +78".
- V - Provide additional rectangular opening ay transverse roof beams for future data conduits.
- W - Wall mounted surge protected quadplex outlet. Locate at +88" above finish floor and 16" from center of smart board. Provide circuit in electrical panel as indicated on plan.
- X - Provide single gang box with ceiling mounting bracket at center of room in T-bar ceiling.
- Y - Provide 4x4 backing post at center of room for smart board bracket.
- Z - J-box only (Exterior PA system speaker) Install at +90" from floor.

KEYNOTES

1

- NOTE:
- 1. SEE SHEET E-1.01 FOR ADDITIONAL NOTES AND LEGENDS NOT SHOWN HERE
- 2. PROVIDE STAINLESS STEEL COVER PLATES FOR RECEPTACLES AND DATA OUTLETS.

- 2x4 CEILING RECESSED LIGHT, LED LIGHT FIXTURE WITH DIMMING, ORACLE OT-LED SERIES MODEL # OT-LED-6000L-DIM10-MVOLT-40K-85-A12 WATTAGE: 56 WATTS
- WALLPACK LIGHT FIXTURE 'RAB LIGHTING' SLIM 18 W PHOTOCELL
- QUADPLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF DEVICE
- 4S J-BOX (DATA OUTLET) W/ 3/4" CONDUIT STUBBED ABOVE CEILING
- WATTSOPPER #MPL-101 PLUG LOAD CONTROLLER INSTALLED ABOVE CEILING. 1/2 OF DUPLEX RECEPTACLE WITHIN ROOM CONTROLLED BY ROOM OCCUPANCY SENSOR OCCURS AT OFFICE AREA ONLY.
- 4S BOX WITH 1" CONDUIT INTO ATTIC SPACE TO 4S DEEP BOX FOR FIRE ALARM CABLE
- DOUBLE OR SINGLE GANG DEEP MUD RING. HEIGHT PER PLAN. PROVIDE 2" CONDUIT ANCHORED TO FRAMING BETWEEN MUD RINGS AND 2" CONDUIT FROM TOP MUD RING TO ABOVE CEILING. NO HARD CONNECTIONS AT MUD RINGS. PROVIDE PULL STRING.
- 4S J-BOX W/ 3/4" CONDUIT TO ATTIC (EXTERIOR PA SYSTEM SPEAKER) INSTALL AT +90" A.F.F.

ELECTRICAL LEGEND

2

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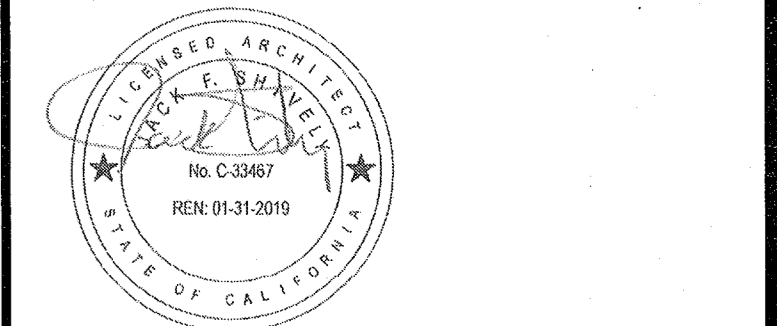


PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

PROJECT SPECIFIC ELECTRICAL PLAN



ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

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DATE: MAY 18 2017

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REVISIONS

SILVER CREEK INDUSTRIES

PROJECT NO: 10914

DRAWN BY:

SCALE: AS NOTED

DATE: 04-20-17

SHEET NUMBER

E-1.01N

MODULAR CLASSROOM BUILDINGS

BUILDING SIZE: 24' X 40'

EXPANDABLE TO 120' X 40'

2:12 ROOF SLOPE

PC 04-114102

BY
SILVER CREEK INDUSTRIES, INC.

2830 BARRETT AVE, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

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A-3.02	ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE - 36' X 40'
A-3.03	ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE - 48' TO 100' X 40'
A-3.11	ROOF PLAN - 0.030" METAL DECK - DUAL SLOPE - 24' X 40'
A-3.12	ROOF PLAN - 0.030" METAL DECK - DUAL SLOPE - 36' X 40'
A-3.13	ROOF PLAN - 0.030" METAL DECK - DUAL SLOPE - 48' TO 100' X 40'
A-3.21	ROOF PLAN - BUILT UP ROOF - DUAL SLOPE - 24' X 40'
A-3.22	ROOF PLAN - BUILT UP ROOF - DUAL SLOPE - 36' X 40'
A-3.23	ROOF PLAN - BUILT UP ROOF - DUAL SLOPE - 48' TO 100' X 40'
A-3.31	ROOF PLAN - TPO - DUAL SLOPE - 24' X 40'
A-3.32	ROOF PLAN - TPO - DUAL SLOPE - 36' X 40'
A-3.33	ROOF PLAN - TPO - DUAL SLOPE - 48' TO 100' X 40'
A-3.50	ROOF DETAILS - 0.018" STANDING SEAM ROOF DECK
A-3.51	ROOF DETAILS - 0.030" STANDING SEAM ROOF DECK
A-3.52	ROOF DETAILS - BUILT UP ROOF
A-3.53	ROOF DETAILS - TPO ROOF
A-4.01	EXTERIOR ELEVATIONS - DUAL SLOPE - 24' X 40'
A-4.02	EXTERIOR ELEVATIONS - DUAL SLOPE - 36' X 40'
A-4.03	EXTERIOR ELEVATIONS - DUAL SLOPE - 48' TO 100' X 40'
A-5.02	CROSS SECTION - DUAL SLOPE - 0.018", B.U., OR TPO ROOF DECK
A-5.03	CROSS SECTION - DUAL SLOPE - 0.030" ROOF DECK
A-5.04	CROSS SECTION
A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING
A-5.51	ARCHITECTURAL DETAILS - WOOD STUD - PLASTER
A-5.52	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED
A-5.53	ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED
A-5.54	ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING
A-5.55	ARCHITECTURAL DETAILS - STEEL STUD - PLASTER
A-5.56	ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING - 1 HOUR RATED
A-5.57	ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED
A-5.58	ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS
A-5.7	ARCHITECTURAL DETAILS - FLOOR
A-5.80	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-5.81	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-6.01	INTERIOR ELEVATIONS - 24' X 40'
A-6.02	INTERIOR ELEVATIONS - 36' X 40'
A-6.03	INTERIOR ELEVATIONS - 48' TO 100' X 40'

SHEET INDEX

SHT NO.	FOUNDATION (CONT.)
F-0.12	WOOD FOUNDATION PLAN - 24' X 40' (100 PSF)
F-0.14	WOOD FOUNDATION PLAN - 36' X 40' (100 PSF)
F-0.21	WOOD FOUNDATION PLAN - 48' TO 100' X 40' (100 PSF)
F-0.22	WOOD FOUNDATION PLAN - 48' TO 100' X 40' (100 PSF)
F-0.23	WOOD FOUNDATION PLAN - 48' TO 100' X 40' (100 PSF)
F-0.24	WOOD FOUNDATION PLAN - 48' TO 100' X 40' (100 PSF)
F-0.25	WOOD FOUNDATION PLAN - 48' TO 100' X 40' (100 PSF)
F-0.50	FOUNDATION DETAILS - WOOD
F-1.01	CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
F-1.11	CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
F-1.50	CONCRETE FOUNDATION DETAILS - ABOVE GRADE
F-2.01	CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
F-2.11	CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
F-2.50	CONCRETE FOUNDATION DETAILS - BELOW GRADE
F-2.51	FOUNDATION DETAILS - CONCRETE

SHT NO. STRUCTURAL

S-0.1	STRUCTURAL SPECIFICATIONS
S-1.01	FLOOR FRAMING PLAN - WOOD FLOOR
S-1.11	FLOOR FRAMING PLAN - CONCRETE FLOOR
S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
S-1.51	FLOOR FRAMING DETAILS - CONCRETE FLOOR
S-2.11	ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - 20 PSF
S-2.12	ROOF FRAMING PLAN - 0.030" - 20 PSF
S-2.13	ROOF FRAMING PLAN - 0.045" BUILT UP, OR TPO - 10 PSF SNOWLOAD
S-2.14	ROOF FRAMING PLAN - 0.030" - 10 PSF SNOWLOAD
S-2.51	ROOF FRAMING DETAILS - DUAL SLOPE
S-2.60	ROOF FRAMING DETAILS
S-3.02	BUILDING SECTION - DUAL SLOPE ROOF
S-3.03	BUILDING SECTION - 0.030" DUAL SLOPE ROOF
S-5.00	WALL FRAMING ELEVATIONS - WOOD STUDS
S-5.10	WALL FRAMING DETAILS - WOOD STUDS
S-5.11	WALL FRAMING DETAILS - WOOD STUDS
S-5.12	WALL FRAMING OPENING SCHEDULE / WOOD STUDS
S-5.20	WALL FRAMING ELEVATIONS - STEEL STUDS
S-5.30	WALL FRAMING DETAILS - STEEL STUDS
S-5.31	WALL FRAMING DETAILS - STEEL STUDS

SHT NO. PLUMBING

P-1.01	PLUMBING DETAILS AND SCHEDULE
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SHT NO. MECHANICAL

M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS
M-1.01	MECHANICAL PLAN - WALL MOUNT - 24' X 40'
M-1.02	MECHANICAL PLAN - WALL MOUNT - 36' X 40'
M-1.03	MECHANICAL PLAN - WALL MOUNT - 48' TO 100' X 40'
M-2.01	MECHANICAL PLAN - ROOF MOUNT - 24' X 40'
M-2.02	MECHANICAL PLAN - ROOF MOUNT - 36' X 40'
M-2.03	MECHANICAL PLAN - ROOF MOUNT - 48' TO 100' X 40'
M-3.01	MECHANICAL ROOF PLAN - ROOF MOUNT - 24' X 40'
M-3.02	MECHANICAL ROOF PLAN - ROOF MOUNT - 36' X 40'
M-3.03	MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 100' X 40'
M-4.01	MECHANICAL PLAN - ROOF MOUNT - 24' X 40'
M-4.02	MECHANICAL PLAN - ROOF MOUNT - 36' X 40'
M-4.03	MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 100' X 40'

SHT NO. ELECTRICAL

E-1.01	ELECTRICAL PLAN - 24' X 40'
E-1.02	ELECTRICAL PLAN - 36' X 40'
E-1.03	ELECTRICAL PLAN - 48' TO 100' X 40'

SHT NO. RAMP

R-1.01	STANDARD RAMP PLAN
R-1.02	OFFSET RAMP PLAN
R-1.03	RAMP LANDING
R-1.04	STANDARD LANDING WITH STEPS
R-1.05	SWITCHBACK RAMP PLAN
R-2.01	RAMP DETAILS
R-2.02	CONCRETE RAMP

SHT NO. RELOCATABLE SHEETS

REL-101	BUILDING RELOCATION DETAILS
REL-102	BUILDING RELOCATION DETAILS

SHT NO. FIRE SPRINKLERS

FS-1	FIRE SPRINKLER COVER SHEET
FS-2	TYPICAL FIRE SPRINKLER PLANS
FS-3	TYPICAL FIRE SPRINKLER PLANS
FS-4	TYPICAL FIRE SPRINKLER PLANS
FS-5	TYPICAL FIRE SPRINKLER PLANS
FS-6	TYPICAL FIRE SPRINKLER PLANS
FS-7	TYPICAL FIRE SPRINKLER PLANS

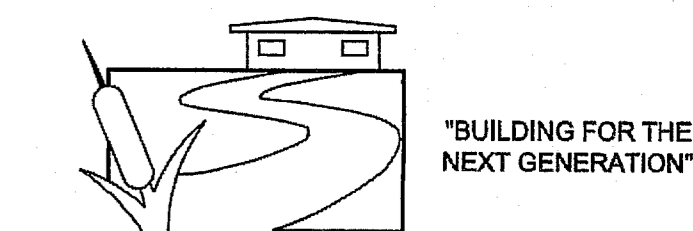
SHT NO. FOUNDATION

F-0.01	WOOD FOUNDATION PLAN - 24' X 40' (50 PSF)
F-0.02	WOOD FOUNDATION PLAN - 36' X 40' (50 PSF)
F-0.03	WOOD FOUNDATION PLAN - 24' X 40' (100 PSF)
F-0.04	WOOD FOUNDATION PLAN - 24' X 40' (100 PSF)
F-0.12	WOOD FOUNDATION PLAN - 24' X 40' (50 PSF)

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APP. 03-119509 INC. REVIEWED FOR TEN SS [] FLS [] ACS [] DATE: 10/1/2019 FSCI Inc

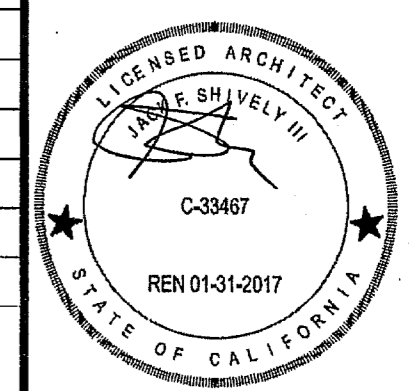
SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
COVER SHEET



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118284
ACS [] FLS [] SS RAE []
DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (P.C.) DOCUMENT
CONFORMS TO ALL
APPLICABLE CODES
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
ACS [] FLS [] SS RAE []
DATE: AUG 14 2015

REVISIONS

SILVER CREEK INDUSTRIES
24' X 40' PC - 2:12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER
A-0

GENERAL NOTES

- FIRE ALARM IS NOT PART OF THIS APPROVAL
- ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2013 CBC 705.3
- THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
- PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
- FOR SOIL TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS
- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES
- EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2013 CBC.
- EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1406.
- SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
- PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL"
- BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
- WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION
- IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE, SECTION 5.507.4.3.

BUILDING DATA

NUMBER OF STORIES:	1 - STORY
OCCUPANCY:	E: 24' - 120' X 40' BUILDINGS (LECTURE CLASSROOM)
TYPE OF CONSTRUCTION:	VB
FLOOR LIVE LOAD:	<input type="checkbox"/> 50 PSF <input type="checkbox"/> 50+15 PSF PARTITION LOAD <input checked="" type="checkbox"/> 100 PSF <input type="checkbox"/> 150 PSF
ROOF LIVE LOAD:	<input checked="" type="checkbox"/> 20 PSF <input type="checkbox"/> 40 PSF SNOW LOAD
FLOOR DEAD LOAD:	<input checked="" type="checkbox"/> WOOD FLOOR - 8 PSF <input type="checkbox"/> CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)
RAMP LIVE LOAD:	100 PSF
BUILDING AREA: (AREA WITHOUT OVERHANGS / AREA WITH OVERHANGS)	<input checked="" type="checkbox"/> 24'X40' BLDG - 960 SF/1140 SF <input type="checkbox"/> 84'X40' BLDG - 3360 SF/3990 SF <input type="checkbox"/> 36'X40' BLDG - 1440 SF/1710 SF <input type="checkbox"/> 96'X40' BLDG - 3840 SF/4560 SF <input type="checkbox"/> 48'X40' BLDG - 1920 SF/2280 SF <input type="checkbox"/> 108'X40' BLDG - 4320 SF/5130 SF <input type="checkbox"/> 60'X40' BLDG - 2400 SF/2850 SF <input type="checkbox"/> 120'X40' BLDG - 4800 SF/5700 SF <input type="checkbox"/> 72'X40' BLDG - 2880 SF/3420 SF
ALLOWABLE AREA = 9000 SF	
FOUNDATION:	<input checked="" type="checkbox"/> WOOD <input type="checkbox"/> CONCRETE
CEC CLIMATE ZONES:	1-16

WIND DESIGN DATA SECTION 1603A.1.4

1. BASIC WIND SPEED, 3 SEC GUST (MPH):	V _{ult} =130 MPH/V _{asd} =100 MPH/Kz=1.0"		
2. RISK CATEGORY:	II		
3. WIND EXPOSURE:	"C"		
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT:	± 0.18		
5. COMPONENTS AND CLADDING: (STRENGTH LEVEL, PSF)			
ZONE 1 =	38.5	ZONE 4 =	38.1
ZONE 2 =	64.5	ZONE 5 =	46.9
ZONE 3 =	97.1		

EARTHQUAKE DESIGN DATA SECTION 1603A.1.5

1. SEISMIC IMPORTANCE FACTOR:	1			
2. MAPPED SPECTRAL RESPONSE:	S _s = 1.875 (FOR BASE SHEAR) S ₁ = 0.675 S _s = 2.14 (FOR ARCHITECTURAL COMPONENTS)			
3. SITE CLASS	D			
4. SPECTRAL RESPONSE COEFFICIENTS:	S _{0.05} = 1.0 S _{0.1} = 0.675			
5. SEISMIC DESIGN CATEGORY:	D			
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM:	STEEL OMF			
7. DESIGN BASE SHEAR (kips):				
CONC FLOOR	PLY FLOOR	LL<100	LL=150	
X	X	X	X	22.91
				16.05
X	X	X	X	31.15
				24.29
8. SEISMIC RESPONSE COEFFICIENT, C _s :	0.286			
9. RESPONSE MODIFICATION FACTOR, R:	3.5			
10. ANALYSIS PROCEDURE USED:	EQUIVALENT LATERAL FORCE			
11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS	6" SEP.			

SNOW DESIGN DATA SECTION 1603A.1.3

1. GROUND SNOW LOAD	P _g = 40 PSF
2. FLAT ROOF SNOW LOAD	P _f = 28 PSF
3. SNOW EXPOSURE FACTOR	C _e = 1.0
4. SNOW LOAD IMPORTANCE FACTOR	I = 1.0
5. THERMAL FACTOR	C _t = 1.0

APPLICABLE STANDARDS

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIF AMENDED) 2013 EDITION
NFPA 72 NAT. FIRE ALARM CODE (CALIF. AMENDED) 2013 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

APPLICABLE CODES

LIST OF 2013 CALIFORNIA CODE OF REGULATIONS

2013 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (w/A17.1a/CSA B44a-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

School Name: _____ District: _____
 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 1	PERFORMED BY	CODE REFERENCE AND NOTES
	- SOILS			
	1. GENERAL: Table 1705A.6			
X	a. Verify that: • site has been prepared properly prior to placement of controlled fill and/or excavations for foundations, • foundation excavations are extended to proper depth and have reached proper material, and • materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative.
	2. COMPACTED FILLS: Table 1705A.6			
X	a. Perform qualification testing of fill materials.	Test	Lab*	* Under the supervision of the geotechnical engineer.
X	b. Verify use of proper materials and inspect lift thicknesses, placement, and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
X	c. Test compaction of fill.	Test	Lab*	* Under the supervision of the geotechnical engineer.
	- CONCRETE			
	7. CAST IN PLACE CONCRETE Table 1705A.3			
	Material Verification and Testing:			
X	a. Verify use of required design mix.	Periodic	SI & PI*	* To be performed by batch-plant special inspector and project inspector.
X	c. Perform slump, temperature, and (where required) air content tests.	Test	Lab	ASTM C172, ASTM C31.
X	d. Test concrete (compression).	Test	Lab	ACI 318 Section 5.6 and 19.5A.1.2 (1913.3.1+). ASTM C39.
	Inspection:			
X	f. Batch plant inspection - design complies with 1705A.3.3 Item 2	Periodic	SI	Requires first batch inspection, weighmaster, and batch tickets.
X	g. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.
	11. POST-INSTALLED ANCHORS:			
X	a. Inspect installation of post-installed anchors.	Continuous	SI	Table 1705A.3 * May be performed by the project inspector when specifically approved by DSA.
X	b. Test post-installed anchors.	Test	Lab	1913A.7 (1913.2.11+).
	+ MASONRY			
	TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.19.3			
	- STEEL			
	Table 1705A.2.1			
	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	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	SI*	* 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.
X	c. Examine seam welds of structural tubes and pipes.	Periodic	SI*	* DSA IR 17-3.
	Inspection:			
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: DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).			
	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	a. Inspect groove, multi-pass, and fillet welds > 5/16"	Continuous	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds > 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	1705A.2.2.1 Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
	19.2 FIELD WELDING: 1,2			
X	a. Inspect groove, multi-pass, and fillet welds > 5/16"	Continuous	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	b. Inspect single pass fillet welds > 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*	* May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3, 1705A.2.2.1 and 1705A.2.2.5
	20. NONDESTRUCTIVE TESTING: 3			
X	a. Ultrasonic	Test	Lab	AISC 341, App. Q 5.2, AWS D1.1, D1.8, ANSI/ASNT CP-189, SNT-TC-1A - ASTM E543.
X	b. Magnetic Particle	Test	Lab	E1444, E164 - DSA IR 17-2.
	23. OTHER STEEL:			
X	a. SHOP WELDING OF COLD FORMED STEEL	Periodic	SI	
X	b. SHOP WELD, INSPECT WELDING OF STEEL FLOOR DECK WELDS	Periodic	SI	

- SUMMARY**
- 1 Soils testing and inspection: Geotechnical Verified Report - Form DSA-293
 - 2 All Structural Testing: Laboratory Verified Report - Form DSA-291
 - 3 Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA-292
 - 4 Shop Welding Inspection: Special Inspection Verified Report - Form DSA-292
 - 5 Field Welding Inspection: Special Inspection Verified Report - Form DSA-292
 - 6 Steel Joist Fabrication Inspection: Special Inspection Verified Report - Form DSA-292

NOTE:
 THE DIFFERENCE BETWEEN "TESTS" AND "SPECIAL INSPECTIONS" IS ADDRESSED IN IR 17-4

- FOOT NOTES / OPTIONS**
1. THIS TEST INSPECTION REQUIREMENT OCCURS AT FIELD WELDING. MOD TO MOD OPTION ONLY. SEE 12/S1.50 OR 12/S1.60
 2. THIS TEST INSPECTION REQUIREMENT OCCURS AT FIELD WELDING. BUILDING TO CONCRETE FOUNDATION OPTION ONLY, SEE 2/F1.50 OR 2/F2.50 AND 10/F2.51
 3. THIS TEST / INSPECTION IS TBD BY AOR / DSA PER PROJECT SPECIFIC REQUIREMENTS. UT TESTING SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS WHEN THE COLUMNS PER SCHEDULE ON SHEETS S-3.02 AND S-3.04 HAVE A THICKNESS OF 5/16" OR GREATER. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25% OF ALL BEAM TO COLUMN CJP GROOVE WELDS

CONSTRUCTION OF (Diaphragm material-foundation material)
 CONCRETE FLOOR - CONCRETE FOUNDATION

School Name: _____ District: _____
 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 1	PERFORMED BY	CODE REFERENCE AND NOTES
	- SOILS			
	1. GENERAL: Table 1705A.6			
X	a. Verify that: • site has been prepared properly prior to placement of controlled fill and/or excavations for foundations, • foundation excavations are extended to proper depth and have reached proper material, and • materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative.
	2. COMPACTED FILLS: Table 1705A.6			
X	a. Perform qualification testing of fill materials.	Test	Lab*	* Under the supervision of the geotechnical engineer.
X	b. Verify use of proper materials and inspect lift thicknesses, placement, and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
X	c. Test compaction of fill.	Test	Lab*	* Under the supervision of the geotechnical engineer.
	- CONCRETE			
	7. CAST IN PLACE CONCRETE Table 1705A.3			
	Material Verification and Testing:			
X	a. Verify use of required design mix.	Periodic	SI & PI*	* To be performed by batch-plant special inspector and project inspector.
X	c. Perform slump, temperature, and (where required) air content tests.	Test	Lab	ASTM C172, ASTM C31.
X	d. Test concrete (compression).	Test	Lab	ACI 318 Section 5.6 and 19.5A.1.2 (1913.3.1+). ASTM C39.
	Inspection:			
X	f. Batch plant inspection - design complies with 1705A.3.3 Item 2	Periodic	SI	Requires first batch inspection, weighmaster, and batch tickets.
X	g. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.
	11. POST-INSTALLED ANCHORS:			
X	a. Inspect installation of post-installed anchors.	Continuous	SI	Table 1705A.3 * May be performed by the project inspector when specifically approved by DSA.
X	b. Test post-installed anchors.	Test	Lab	1913A.7 (1913.2.11+).
	+ MASONRY			
	TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.19.3			
	- STEEL			
	Table 1705A.2.1			
	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	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	SI*	* 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.
X	c. Examine seam welds of structural tubes and pipes.	Periodic	SI*	* DSA IR 17-3.
	Inspection:			
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: DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).			
	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	a. Inspect groove, multi-pass, and fillet welds > 5/16"	Continuous	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds > 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	1705A.2.2.1 Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
	19.2 FIELD WELDING: 1,2			
X	a. Inspect groove, multi-pass, and fillet welds > 5/16"	Continuous	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	b. Inspect single pass fillet welds > 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*	* May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3, 1705A.2.2.1 and 1705A.2.2.5
	20. NONDESTRUCTIVE TESTING: 3			
X	a. Ultrasonic	Test	Lab	AISC 341, App. Q 5.2, AWS D1.1, D1.8, ANSI/ASNT CP-189, SNT-TC-1A - ASTM E543.
X	b. Magnetic Particle	Test	Lab	E1444, E164 - DSA IR 17-2.
	23. OTHER STEEL:			
X	a. SHOP WELDING OF COLD FORMED STEEL	Periodic	SI	
X	b. SHOP WELD, INSPECT WELDING OF STEEL FLOOR DECK WELDS	Periodic	SI	

- SUMMARY**
- 1 Soils testing and inspection: Geotechnical Verified Report - Form DSA-293
 - 2 All Structural Testing: Laboratory Verified Report - Form DSA-291
 - 3 Concrete Batch Plant Inspection: Special Inspection Verified Report - Form DSA-292
 - 4 Shop Welding Inspection: Special Inspection Verified Report - Form DSA-292
 - 5 Field Welding Inspection: Special Inspection Verified Report - Form DSA-292
 - 6 Steel Joist Fabrication Inspection: Special Inspection Verified Report - Form DSA-292

NOTE:
 THE DIFFERENCE BETWEEN "TESTS" AND "SPECIAL INSPECTIONS" IS ADDRESSED IN IR 17-4

- FOOT NOTES / OPTIONS**
1. THIS TEST INSPECTION REQUIREMENT OCCURS AT FIELD WELDING. MOD TO MOD OPTION ONLY. SEE 12/S1.50 OR 12/S1.60
 2. THIS TEST INSPECTION REQUIREMENT OCCURS AT FIELD WELDING. BUILDING TO CONCRETE FOUNDATION OPTION ONLY, SEE 2/F1.50 OR 2/F2.50 AND 10/F2.51
 3. THIS TEST / INSPECTION IS TBD BY AOR / DSA PER PROJECT SPECIFIC REQUIREMENTS. UT TESTING SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS WHEN THE COLUMNS PER SCHEDULE ON SHEETS S-3.02 AND S-3.04 HAVE A THICKNESS OF 5/16" OR GREATER. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25% OF ALL BEAM TO COLUMN CJP GROOVE WELDS

CONSTRUCTION OF (Diaphragm material-foundation material)
 PLYWOOD FLOOR - CONCRETE FOUNDATION

The example form DSA 103s shown on this sheet are for illustration purposes only. A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103s are to be crossed out on this drawing.

School Name: _____ District: _____
 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 1	PERFORMED BY	CODE REFERENCE AND NOTES
	+ SOILS			
	+ CONCRETE			
	Table 1705A.3			
	+ MASONRY			
	TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.19.3			
	- STEEL			
	Table 1705A.2.1			
	17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES			
	Material Verification:			
X	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	SI*	* 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.
X	c. Examine seam welds of structural tubes and pipes.	Periodic	SI*	* DSA IR 17-3.
	Inspection:			
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: DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).			
	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	a. Inspect groove, multi-pass, and fillet welds > 5/16"	Continuous	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds > 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	1705A.2.2.1 Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
	19.2 FIELD WELDING: 1,2			
X	a. Inspect groove, multi-pass, and fillet welds > 5/16"	Continuous	SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
X	b. Inspect single pass fillet welds > 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*	* May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3, 1705A.2.2.1 and 1705A.2.2.5
	20. NONDESTRUCTIVE TESTING: 3			
X	a. Ultrasonic	Test	Lab	AISC 341, App. Q 5.2, AWS D1.1, D1.8, ANSI/ASNT CP-189, SNT-TC-1A - ASTM E543.
X	b. Magnetic Particle	Test	Lab	E1444, E164 - DSA IR 17-2.
	23. OTHER STEEL:			
X	a. SHOP WELDING OF COLD FORMED STEEL	Periodic	SI	
	+ WOOD			
	+ OTHER			

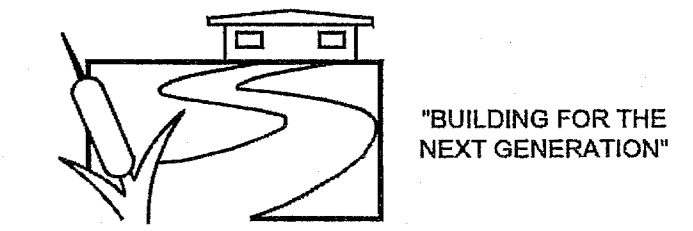
NOTE:
 THE DIFFERENCE BETWEEN "TESTS" AND "SPECIAL INSPECTIONS" IS ADDRESSED IN IR 17-4

- FOOT NOTES / OPTIONS**
1. THIS TEST INSPECTION REQUIREMENT OCCURS AT FIELD WELDING. MOD TO MOD OPTION ONLY. SEE 12/S1.50 OR 12/S1.60
 2. NOT USED.
 3. THIS TEST / INSPECTION IS TBD BY AOR / DSA PER PROJECT SPECIFIC REQUIREMENTS. UT TESTING SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS WHEN THE COLUMNS PER SCHEDULE ON SHEETS S-3.02 AND S-3.04 HAVE A THICKNESS OF 5/16" OR GREATER. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25% OF ALL BEAM TO COLUMN CJP GROOVE WELDS

CONSTRUCTION OF (Diaphragm material-foundation material)
 PLYWOOD FLOOR - WOOD FOUNDATION

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SILVER CREEK

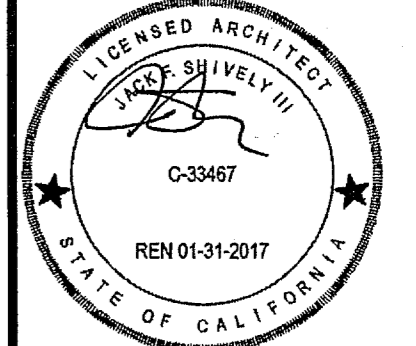
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

T & I FORMS



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS - FLS - SS RAE
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC - FLS - SS RAE
 DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2.12 PITCH

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 01-30-15

P.C. SHEET NUMBER

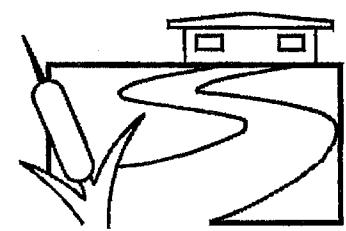
A-0A

BUILDING OPTIONS SCHEDULE

BUILDING SECTION		SHEET NUMBER
BUILDING SECTION:	<input type="checkbox"/> DUAL SLOPE ROOF	S-3.02
	<input checked="" type="checkbox"/> 0.030" DUAL SLOPE ROOF	S-3.04
WALL FRAMING		SHEET NUMBER
FRAMING ELEVATIONS:	<input checked="" type="checkbox"/> WOOD STUDS	S-5.00
	<input type="checkbox"/> STEEL STUDS	S-5.20
FRAMING DETAILS:	<input checked="" type="checkbox"/> WOOD STUDS	S-5.10
	<input checked="" type="checkbox"/> WOOD STUDS	S-5.11
	<input checked="" type="checkbox"/> WOOD STUDS WALL FRAMING OPENING SCHEDULE	S-5.12
	<input type="checkbox"/> STEEL STUDS	S-5.30
	<input type="checkbox"/> STEEL STUDS	S-5.31
PLUMBING		SHEET NUMBER
<input checked="" type="checkbox"/> PLUMBING DETAILS AND SCHEDULES		P-1.01
MECHANICAL		SHEET NUMBER
<input checked="" type="checkbox"/> MECHANICAL NOTES, SCHEDULES, AND DETAILS:		M-0.1
<input checked="" type="checkbox"/> 24' x 40' - WALL MOUNT	<input checked="" type="checkbox"/> 4 LIGHT CONFIGURATION	M-1.01
<input type="checkbox"/> 36' x 40' - WALL MOUNT	<input type="checkbox"/> 4 LIGHT CONFIGURATION	M-1.02
<input type="checkbox"/> 48' TO 120' x 40' - WALL MOUNT	<input type="checkbox"/> 4 LIGHT CONFIGURATION	M-1.03
<input type="checkbox"/> 24' x 40' - ROOF MOUNT	<input type="checkbox"/> 4 LIGHT CONFIGURATION	M-2.01
<input type="checkbox"/> 24' x 40' MECHANICAL ROOF PLAN		M-2.02
<input type="checkbox"/> 36' x 40' - ROOF MOUNT	<input type="checkbox"/> 4 LIGHT CONFIGURATION	M-3.01
<input type="checkbox"/> 36' x 40' MECHANICAL ROOF PLAN		M-3.02
<input type="checkbox"/> 48' TO 120' x 40' - ROOF MOUNT	<input type="checkbox"/> 4 LIGHT CONFIGURATION	M-4.01
<input type="checkbox"/> 48' TO 120' x 40' MECHANICAL ROOF PLAN		M-4.02
ELECTRICAL		SHEET NUMBER
ELECTRICAL PLAN:	<input checked="" type="checkbox"/> 24' x 40' <input checked="" type="checkbox"/> 4 LIGHT CONFIGURATION	E-1.01
	<input type="checkbox"/> 36' x 40' <input type="checkbox"/> 4 LIGHT CONFIGURATION	E-1.02
	<input type="checkbox"/> 48' TO 120' x 40' <input type="checkbox"/> 4 LIGHT CONFIGURATION	E-1.03
RAMP		SHEET NUMBER
RAMP PLANS:	<input checked="" type="checkbox"/> STANDARD RAMP PLAN	R-1.01
	<input type="checkbox"/> OFFSET RAMP PLAN	R-1.02
	<input type="checkbox"/> RAMP LANDING	R-1.03
	<input type="checkbox"/> STANDARD LANDING WITH STEPS	R-1.04
	<input type="checkbox"/> SWITCHBACK RAMP PLAN	R-1.05
	<input checked="" type="checkbox"/> RAMP DETAILS	R-2.01
	<input type="checkbox"/> CONCRETE RAMP	R-3.01
BUILDING RELOCATABLE DETAILS		SHEET NUMBER
<input type="checkbox"/> BUILDING RELOCATION DETAILS		REL-101
<input type="checkbox"/> BUILDING RELOCATION DETAILS		REL-102
FIRE SPRINKLERS		SHEET NUMBER
<input type="checkbox"/> FIRE SPRINKLER COVER SHEET		FS-1
<input type="checkbox"/> FIRE SPRINKLER PLAN - 120'x40' BLDG.		FS-2
<input type="checkbox"/> FIRE SPRINKLER PLAN - 120'x40' BLDG. W/ RESTROOM		FS-3
<input type="checkbox"/> TYPICAL FIRE SPRINKLER DETAILS		FS-4
<input type="checkbox"/> TYPICAL FIRE SPRINKLER PLANS - 96'x40', 108'x40'		FS-5
<input type="checkbox"/> TYPICAL FIRE SPRINKLER PLANS - 48'x40', 60'x40', 72'x40', 84'x40'		FS-6
<input type="checkbox"/> TYPICAL FIRE SPRINKLER PLANS - 24'x40', 36'x40', 12'x40' RESTROOM		FS-7

EXTERIOR ELEVATION		SHEET NUMBER
EXTERIOR ELEVATIONS:	<input checked="" type="checkbox"/> 24' x 40'	A-4.01
	<input type="checkbox"/> 36' x 40'	A-4.03
	<input type="checkbox"/> 48' TO 120' x 40'	A-4.05
CROSS SECTIONS		SHEET NUMBER
CROSS SECTIONS:	<input checked="" type="checkbox"/> DUAL SLOPE - 0.030" BUILT UP, OR TPO ROOF DECK	A-5.02
	<input type="checkbox"/> DUAL SLOPE - 0.030" ROOF DECK	A-5.04
	CROSS SECTION	A-5.05
ARCHITECTURAL DETAILS		SHEET NUMBER
WALL DETAILS:	<input checked="" type="checkbox"/> WOOD STUDS	A-5.50
	<input checked="" type="checkbox"/> EXTERIOR WOOD SIDING	A-5.51
	<input type="checkbox"/> EXTERIOR PLASTER FINISH	A-5.52
	<input type="checkbox"/> EXTERIOR WOOD SIDING - 1 HOUR RATED	A-5.53
	<input type="checkbox"/> EXTERIOR PLASTER FINISH - 1 HOUR RATED	A-5.53
ARCHITECTURAL DETAILS		SHEET NUMBER
WALL DETAILS:	<input type="checkbox"/> STEEL STUDS	A-5.60
	<input type="checkbox"/> EXTERIOR WOOD SIDING	A-5.61
	<input type="checkbox"/> EXTERIOR PLASTER FINISH	A-5.62
	<input type="checkbox"/> EXTERIOR WOOD SIDING - 1 HOUR RATED	A-5.63
	<input type="checkbox"/> EXTERIOR PLASTER FINISH - 1 HOUR RATED	A-5.64
	<input type="checkbox"/> 1-HOUR RATED OPTIONS	A-5.70
MISCELLANEOUS DETAILS		SHEET NUMBER
MISCELLANEOUS:	<input checked="" type="checkbox"/> CASEWORK, TV, AND PROJECTION SCREEN DETAILS	A-5.80
	<input checked="" type="checkbox"/> WATER HEATER, DRINKING FOUNTAIN, AND FOLDING WALL DETAILS	A-5.81
INTERIOR ELEVATIONS		SHEET NUMBER
<input checked="" type="checkbox"/> 24' x 40' INTERIOR ELEVATION		A-6.01
<input type="checkbox"/> 36' x 40' INTERIOR ELEVATION		A-6.02
<input type="checkbox"/> 48' TO 120' x 40' INTERIOR ELEVATION		A-6.03
FOUNDATIONS		SHEET NUMBER
<input checked="" type="checkbox"/> WOOD FOUNDATION PLAN	<input type="checkbox"/> 24' x 40' (50 PSF)	F-0.01
	<input type="checkbox"/> 24' x 40' (50+15 PSF)	F-0.02
	<input checked="" type="checkbox"/> 24' x 40' (100 PSF)	F-0.03
	<input type="checkbox"/> 24' x 40' (150 PSF)	F-0.04
	<input type="checkbox"/> 36' x 40' (50 PSF)	F-0.11
	<input type="checkbox"/> 36' x 40' (50+15 PSF)	F-0.12
	<input type="checkbox"/> 36' x 40' (100 PSF)	F-0.13
	<input type="checkbox"/> 36' x 40' (150 PSF)	F-0.14
	<input type="checkbox"/> 48' x 40' (50 PSF)	F-0.21
	<input type="checkbox"/> 48' x 40' (50+15 PSF)	F-0.22
	<input type="checkbox"/> 48' x 40' (100 PSF)	F-0.23
	<input type="checkbox"/> 48' x 40' (150 PSF)	F-0.24
	<input checked="" type="checkbox"/> WOOD FOUNDATION DETAILS:	F-0.50
<input type="checkbox"/> CONCRETE FOUNDATION PLAN - ABOVE GRADE	<input type="checkbox"/> WOOD FLOOR - (50, 50+15, 100, OR 150PSF)	F-1.01
	<input type="checkbox"/> CONCRETE FLOOR - (50, 50+15, 100, OR 150PSF)	F-1.11
<input type="checkbox"/> CONCRETE FOUNDATION DETAILS - ABOVE GRADE:		F-1.50
<input type="checkbox"/> CONCRETE FOUNDATION PLAN - BELOW GRADE	<input type="checkbox"/> WOOD FLOOR - (50, 50+15, 100, OR 150PSF)	F-2.01
	<input type="checkbox"/> CONCRETE FLOOR - (50, 50+15, 100, OR 150PSF)	F-2.11
<input type="checkbox"/> CONCRETE FOUNDATION DETAILS - BELOW GRADE:		F-2.50
<input type="checkbox"/> FOUNDATION DETAILS - CONCRETE		F-2.51
GENERAL STRUCTURAL SHEETS		SHEET NUMBER
STRUCTURAL SPECS:		S-0.1
FLOOR FRAMING PLANS		SHEET NUMBER
FLOOR FRAMING:	<input checked="" type="checkbox"/> WOOD FLOOR	S-1.01
	<input type="checkbox"/> CONCRETE FLOOR	S-1.11
FLOOR FRAMING DETAILS:	<input checked="" type="checkbox"/> WOOD FLOOR	S-1.50
	<input type="checkbox"/> CONCRETE FLOOR	S-1.60
ROOF FRAMING PLANS		SHEET NUMBER
ROOF FRAMING:	<input checked="" type="checkbox"/> 0.030" BUILT UP, OR TPO - DUAL SLOPE 20 PSF	S-2.11
	<input type="checkbox"/> 0.030" - DUAL SLOPE 20 PSF	S-2.12
	<input type="checkbox"/> 0.018", BUILT UP, OR TPO - DUAL SLOPE 40 PSF SNOWLOAD	S-2.13
	<input type="checkbox"/> 0.030" - DUAL SLOPE 40 PSF SNOWLOAD	S-2.14
ROOF FRAMING DETAILS:	<input checked="" type="checkbox"/> DUAL SLOPE	S-2.51
ROOF FRAMING DETAILS:		S-2.60

GENERAL ARCHITECTURAL SHEETS		SHEET NUMBER
COVER SHEET:		A-0
T & I FORMS		A-0A
T & I FORMS		A-0B
BUILDING OPTIONS SCHEDULE SHEET:		A-0.0
SYMBOLS, LEGEND, ABBREVIATION, ADA SIGNAGE SHEET:		A-0.1
SCHEDULE SHEET:		A-0.2
KEY PLAN: 24' TO 120' x 40'		A-0.3
ENERGY CALCS		A-0.5(A-C)
ENERGY CALCS		A-0.6(A-F)
DESIGN ENERGY VALUES BY ZONE AND CALGREEN SPECIFICATIONS		A-0.7
FLOOR PLANS		SHEET NUMBER
FLOOR PLANS:	<input checked="" type="checkbox"/> FLOOR PLAN - 24' x 40'	A-1.01
	<input type="checkbox"/> FLOOR PLAN - 36' x 40'	A-1.02
	<input type="checkbox"/> FLOOR PLAN - 48' TO 120' x 40'	A-1.03
	<input type="checkbox"/> OPTIONAL RESTROOM END MODULE - PLANS & ELEVATIONS	A-1.04
	<input type="checkbox"/> OPTIONAL RESTROOM END MODULE - PLUMBING SHEET	A-1.05
	<input type="checkbox"/> TOILET BUILDING 24x40 - PLANS & ELEVATIONS	A-1.06
	<input type="checkbox"/> TOILET BUILDING 24x40 - PLUMBING SHEET	A-1.07
CEILING		SHEET NUMBER
REFLECTED CEILING PLANS:	<input type="checkbox"/> 24' x 40' <input type="checkbox"/> 4 LIGHT CONFIGURATION	A-2.01
	<input type="checkbox"/> 36' x 40' <input type="checkbox"/> 4 LIGHT CONFIGURATION	A-2.02
	<input type="checkbox"/> 48' TO 120' x 40' <input type="checkbox"/> 4 LIGHT CONFIGURATION	A-2.03
	<input checked="" type="checkbox"/> 24' x 40' VAULTED CEILING <input checked="" type="checkbox"/> 4 LIGHT CONFIGURATION	A-2.11
	<input type="checkbox"/> 36' x 40' VAULTED CEILING <input type="checkbox"/> 4 LIGHT CONFIGURATION	A-2.12
	<input type="checkbox"/> 48' TO 120' x 40' VAULTED CEILING <input type="checkbox"/> 4 LIGHT CONFIGURATION	A-2.13
CEILING DETAILS:	T GRID	A-2.20
	<input type="checkbox"/> HARD LID	A-2.21
ROOF PLAN		SHEET NUMBER
ROOF PLANS:	<input checked="" type="checkbox"/> 24' x 40' <input checked="" type="checkbox"/> 0.030" ROOF - METAL DECK - DUAL SLOPE	A-3.01
	<input type="checkbox"/> 0.030" ROOF - METAL DECK - DUAL SLOPE	A-3.11
	<input type="checkbox"/> BUILT UP ROOF - DUAL SLOPE	A-3.21
	<input type="checkbox"/> TPO ROOF - DUAL SLOPE	A-3.41
	<input type="checkbox"/> 36' x 40' <input type="checkbox"/> 0.018" ROOF - METAL DECK - DUAL SLOPE	A-3.02
	<input type="checkbox"/> 0.030" ROOF - METAL DECK - DUAL SLOPE	A-3.12
	<input type="checkbox"/> BUILT UP ROOF - DUAL SLOPE	A-3.22
	<input type="checkbox"/> TPO ROOF - DUAL SLOPE	A-3.42
	<input type="checkbox"/> 48' TO 120' x 40' <input type="checkbox"/> 0.018" ROOF - METAL DECK - DUAL SLOPE	A-3.04
	<input type="checkbox"/> 0.030" ROOF - METAL DECK - DUAL SLOPE	A-3.14
	<input type="checkbox"/> BUILT UP ROOF - DUAL SLOPE	A-3.24
	<input type="checkbox"/> TPO ROOF - DUAL SLOPE	A-3.44
ROOF DETAILS:	<input checked="" type="checkbox"/> 0.030" STANDING SEAM ROOF DECK	A-3.50
	<input type="checkbox"/> 0.030" STANDING SEAM ROOF DECK	A-3.60
	<input type="checkbox"/> 0.030" STANDING SEAM ROOF DECK	A-3.61
	<input type="checkbox"/> BUILT UP ROOF	A-3.70
	<input type="checkbox"/> TPO ROOF	A-3.90

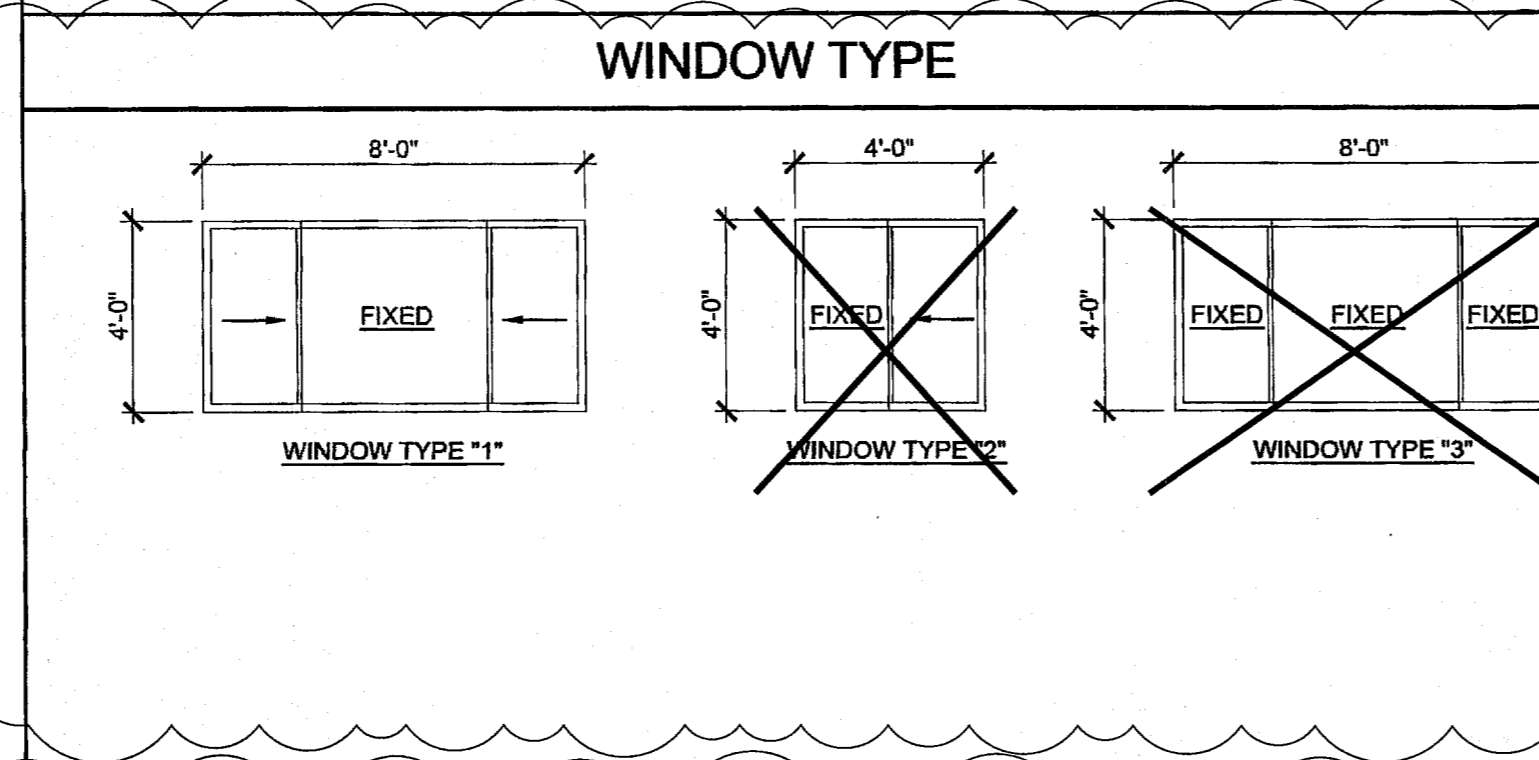
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<p>SILVER CREEK INDUSTRIES, INC.  "BUILDING FOR THE NEXT GENERATION" SILVER CREEK 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211</p>	
<p>PROJECT NAME: 24x40 STOCKPILE OFFICE BUILDING</p>	
<p>SHEET TITLE: BUILDING OPTIONS SCHEDULE</p>	
<p>ARCHITECT OF RECORD SUBMISSION DATE</p>	
<p>PROJECT SPECIFIC STATE AGENCY APPROVAL</p> <p>IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 04 116284 ACS <input type="checkbox"/> FLS <input type="checkbox"/> SS <input checked="" type="checkbox"/> RAF DATE: MAY 10 2017</p>	
<p>ORIGINAL PC STATE AGENCY APPROVAL</p> <p>PRE-CHECK (PC) DOCUMENT CODE: 2015-006 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED</p> <p>IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 04-114102 ACS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> SS <input checked="" type="checkbox"/> RAF DATE: AUG - 4 2015</p>	
<p>REVISIONS</p>	
<p>SILVER CREEK INDUSTRIES 24' x 40' PC - 2:12 PITCH</p>	
<p>PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 01-30-15</p>	
<p>P.C. SHEET NUMBER A-0.0</p>	

WINDOW SCHEDULE

WINDOW NO.	QTY	TYPE	WIDTH	HEIGHT	FUNCTION	FRAME MATERIAL	GLASS MATERIAL	WALL THICKNESS	NOTES
A	1	1	8'-0"	4'-0"	XOX	ANOD	DP		
B	2	2	4'-0"	4'-0"	YO	ANOD	DP		
C	3	3	8'-0"	4'-0"	FIXED	FRW	FRG		45 MIN. ASSEMBLY

WINDOW FINISH

ANOD: CLEAR ANODIZED ALUMINUM FRAME DP: 3/16" MINIMUM DUAL-PANE TEMPERED GLASS OF SOLAR
 BRONZ: BRONZE ANODIZED ALUMINUM FRAME GRAY - 3/16" ENERGYSHIELD, ALL OPERABLE SASH SHALL
 PAINT: PAINTED FRAME HAVE SCREENS. (U-FACTOR = .510 MAX, VT = 0.500 MIN,
 WF: 16GA WELDED FRAME FRW: FIRE RATED WINDOW SHGC = .350 MAX, STC = 36 MIN.)
 FRG: FIRE RATED GLAZING: 1/4" WIRED GLASS. LABELED TO MEET THE REQUIREMENTS FOR A 3/4 HOUR FIRE WINDOW ASSEMBLY PER CBC SECTION TABLE 716.5

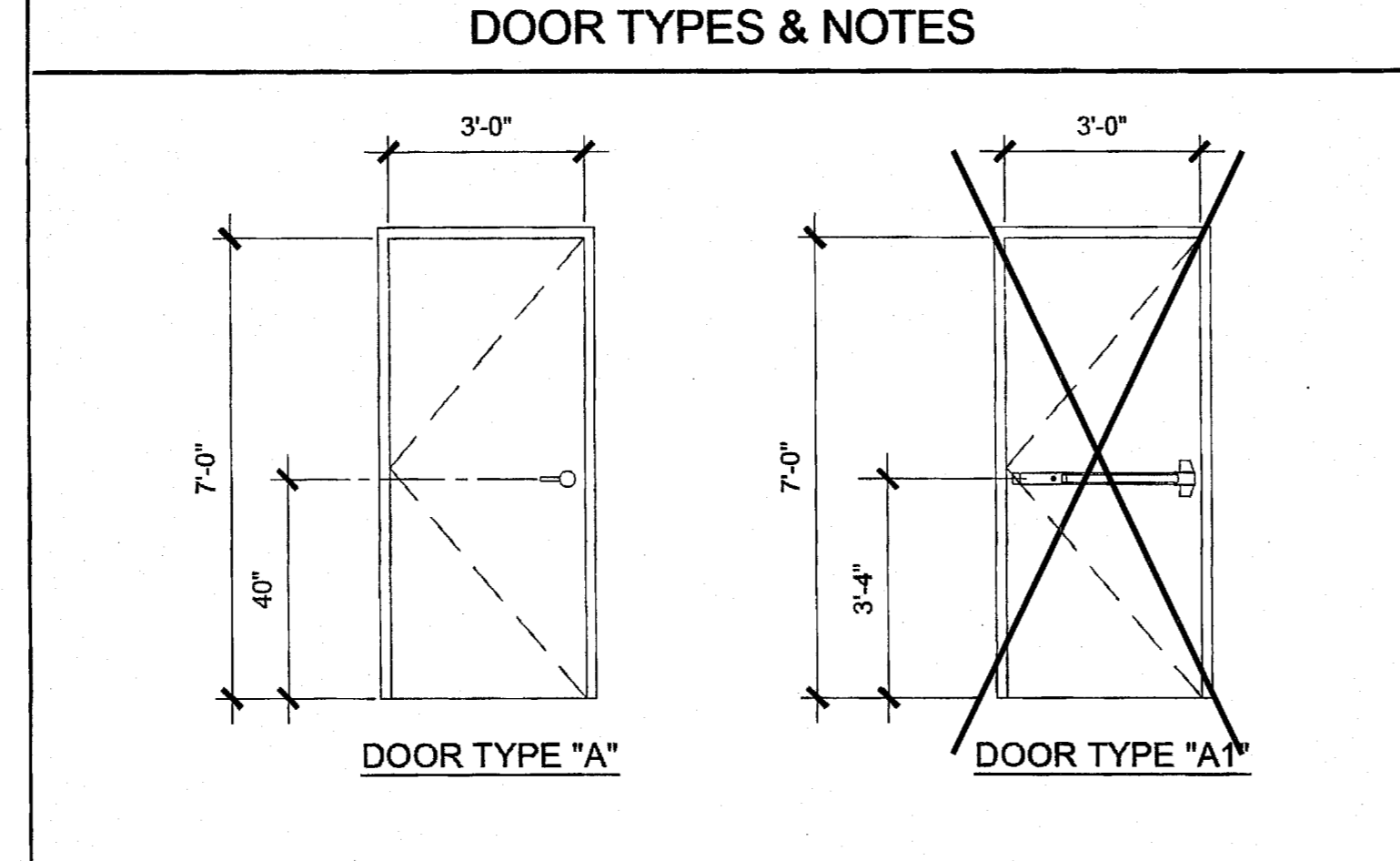


DOOR SCHEDULE

DOOR NO.	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	WALL THICKNESS	NOTES
1	3'-0"	7'-0"	A		HM	KD	HW-1	5 1/4"	
10	3'-0"	7'-0"	A1		HM	KD	HW-2	5 1/4"	
2	3'-0"	7'-0"	A		SCL	KD	HW-3	5 1/4"	
3	3'-0"	7'-0"	B		HM	KD	HW-4	4 7/8"	
4	3'-0"	7'-0"	B		HM	KD	HW-5	4 7/8"	NO CLOSER REQ'D.
5	3'-0"	7'-0"	C		HM	KD	HW-6	4 1/8"	

DOOR MATERIAL AND FINISH ABBREVIATIONS

HM: 18GA HOLLOW METAL	KD: KNOCK DOWN FRAME	EXTERIOR DOORS TO BE UNINSULATED SINGLE LAYER DOORS W/ U-FACTOR OF 0.500 MAX
WF: 16GA WELDED FRAME	SCL: SOLID CORE WOOD LEGACY	
AL: ALUMINUM	HC: HOLLOW CORE WOOD	
SST: STAINLESS STEEL	PT: PAINTED	



- DOOR HANDLE FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF. HARDWARE TO BE OPENED FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL TOOLS, KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
- ALL DOORS SHALL BE 1 3/4" THICK U.N.O.
- CLOSER SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 5 LBS AT EXTERIOR AND INTERIOR DOORS.
- PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER. CBC 1008.1.10
- ALL HARDWARE SHALL COMPLY WITH SILVER CREEK'S SPEC'S ON THIS SHEET AND CBC SECTIONS 11B-206.5, 11B-404.1 AND 1008.
- DOOR CLOSER SHALL BE ADJUSTED TO SO THAT FROM AN OPEN POSITION OF 70°, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR
- PANIC AND FIRE EXIT HARDWARE, WHERE THIS TYPE HARDWARE IS INSTALLED, IT SHALL COMPLY WITH THE FOLLOWING:
 - THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
 - THE MAXIMUM UNLATCHING FORCE SHALL NOT EXCEED SLBS PER THE 2013 CBC.
 - APPROVED BY AUTHORITY W/ JURISDICTION, PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1008.1.10
- THE FIRE PROTECTION FOR EXTERIOR WALL IS DETERMINED BASED UPON THE FIRE SEPARATION DISTANCE IN WHICH THE WALL IS LOCATED. SEE CBC TABLE 705.8 OR TABLE 602

FINISH SCHEDULE

ROOM NAME	FLOORING	WALL FINISH				CEILING		NOTES
		FLOOR BASE	FRONT	LEFT	REAR	RIGHT	CEILING HT	
CLASSROOM (101)	CARP	4" TS	TACK	TACK	TACK	TACK	CP	8'-6"
CLASSROOM (102)	CARP	4" TS	TACK	TACK	TACK	TACK	CP	8'-6"
TOILET (103)	SV	6" TS	FRP	FRP	FRP	FRP	CP	8'-0"

FLOOR, WALL, CEILING MATERIALS

FLOORING
 CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2; DENSITY 4600; DIRECT GLUE DOWN
 SV: SHEET VINYL FLOORING
 VCT: VINYL COMPOSITION TILE
BASE
 4" TS: 4" TOP SET BASE
 6" TS: 6" TOP SET BASE
 SC: 6" SELF-COVE BASE
WALLS
 TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYPSUM BOARD BACKING
 FRP: 1/8" FIBER REINFORCED PANEL OVER 1/2" WATER RESISTANT GYPSUM BOARD
 GYP: 1/2" GYPSUM BOARD; TAPE, TEXTURE; PAINTED FINISH
 PLY: 1/2" PLYWOOD FINISH
 NF: NO FINISH
CEILING
 CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)
 HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH (HARD LID CEILING)
 GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

- ### FINISH NOTES
- ALL FINISHES SHALL COMPLY WITH CBC, CFG AND TITLE 19 CCR.
 - PREPARATION FOR SUB-FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB-FLOOR IS 2.4" 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 MODLINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.
 - RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
 - CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT, OR LEVEL CUT / UNCUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER THE 2013 CBC. CARPET EDGE SHALL COMPLY WITH THE 2013 CBC
 - INTERIOR WALL AND CEILING FINISHES SHALL HAVE A MIN. CLASS "C" RATING. FLAME SPREAD INDEX 76-200 & SMOKE DEVELOPED INDEX 0-450 PER 2013 CBC 803.

DOOR HARDWARE

CLASSROOM -	EXTERIOR DOOR HW-1
LOCKSET: SCHLAGE ND75PDRHO626 (cylindrical)	Finish 26D or equal
BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D or equal
CLOSER: NORTON 8501 BFDA	Finish 689 or equal
WEATHER STRIP: HAGER 891SAV 3684	Finish Alum or equal
THRESHOLD: HAGER 413SA 36	Finish Alum or equal
DOOR BOTTOM: HAGER 783SAV 35N	Finish Alum or equal
DOOR W/ PANIC HARDWARE -	EXTERIOR DOOR HW-2
EXIT DEVICE: VON DUPRIN AX99L-2-PA w/ SCHLAGE rim cylinder	Finish Alum or equal
BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D or equal
CLOSER: NORTON 8501 BFDA	Finish 689 or equal
WEATHER STRIP: HAGER 891SAV 3684	Finish Alum or equal
THRESHOLD: HAGER 413SA 36	Finish Alum or equal
DOOR BOTTOM: HAGER 783SAV 35N	Finish Alum or equal
STAFF RESTROOM / SINGLE OCCUPANCY -	INTERIOR DOOR HW-3
LOCKSET: SCHLAGE ND40SRHO626 (cylindrical)	Finish 26D or equal
BUTTS: HAGER 1279 4 1/2" x 4 1/2"	Finish 26D or equal
BOYS & GIRLS RESTROOM -	EXTERIOR DOOR HW-4
LOCKSET: SCHLAGE ND75PDRHO626 (cylindrical)	Finish 26D or equal
BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D or equal
CLOSER: NORTON 8501 BFDA (OPTIONAL)	Finish 689 or equal
WEATHER STRIP: HAGER 891SAV 3684	Finish Alum or equal
THRESHOLD: HAGER 413SA 36	Finish Alum or equal
DOOR BOTTOM: HAGER 783SAV 35N	Finish Alum or equal
LOUVER: ANEMO 24 x 12	Finish Bronze or equal
STAFF RESTROOM -	EXTERIOR DOOR HW-5
LOCKSET: SCHLAGE ND85PDRHO626 (cylindrical)	Finish 26D or equal
BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D or equal
WEATHER STRIP: HAGER 891SAV 3684	Finish Alum or equal
THRESHOLD: HAGER 413SA 36	Finish Alum or equal
DOOR BOTTOM: HAGER 783SAV 35N	Finish Alum or equal
LOUVER: ANEMO 24 x 12	Finish Bronze or equal
PLUMBING CHASE DOOR -	INTERIOR DOOR HW-6
LOCKSET: SCHLAGE ND75PDRHO626 (cylindrical)	Finish 26D or equal
BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D or equal

EMERGENCY EXIT AND PANIC HARDWARE: INDICATE ON PLANS AND/OR SPECIFICATIONS COMPLIANCE WITH SFM STANDARD 12-10-3, SECTION 12-10-302.

(A) THE CROSS-BAR SHALL EXTEND ACROSS NOT LESS THAN ONE-HALF THE WIDTH OF THE DOOR/GATE.

(D) THE ENDS OF THE CROSS-BAR SHALL BE CURVED, GUARDED OR OTHERWISE DESIGNED TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS.

INSULATION SPECIFICATIONS

MOISTURE PROTECTION INSULATION:

DESCRIPTION OF WORK: THE FURNISHING AND INSTALLING OF ALL INSULATION FOR ALL CEILING, FLOOR AREAS, AND EXTERIOR WALLS. (CLASS A = 0.25 FLAME SPREAD; SMOKE DEVELOPMENT DENSITY LESS THAN 450.)

MATERIAL: INSULATING MATERIAL FOR WALLS, CEILINGS, AND FLOORS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 720.2 & 720.3. INSULATION SHALL BE AS MANUFACTURED BY OWENS-CORNING FIBERGLASS CORPORATION, JOHNS-MANVILLE, CERTAINITIES, OR EQUAL.

INSULATION VALUES
SEE SHEETS A-0.6, A-0.7, A-0.8 FOR REQUIRED INSULATION VALUES PER CLIMATE ZONE

EXTERIOR WALL INSULATION (MIN.)
 R-13 (2x4)
 R-19 (2x6)
 R-30 (2x8)

INTERIOR WALL INSULATION (MIN.)
R-13

FLOOR INSULATION (MIN.)
 NONE
 R-13
 R-19

ROOF INSULATION (MIN.)
 R-19
 R-30
 R-38
 R-19 BETWEEN JOISTS AND R-19 BELOW JOISTS

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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/12/2019

SILVER CREEK INDUSTRIES, INC.

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
SCHEDULES

ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RDC
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 DATE: AUG - 4 2015

REVISIONS

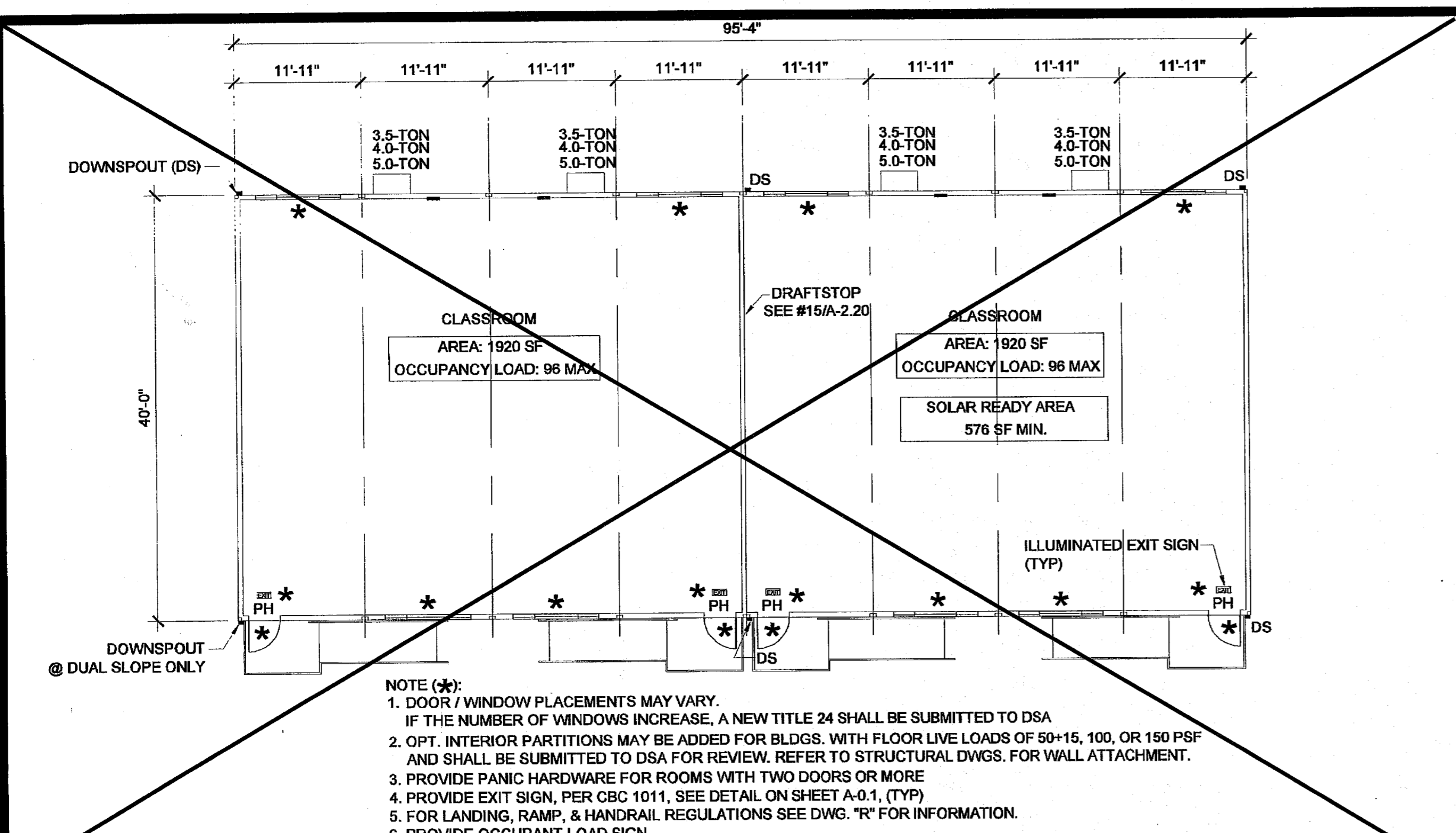
NO.	DESCRIPTION

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

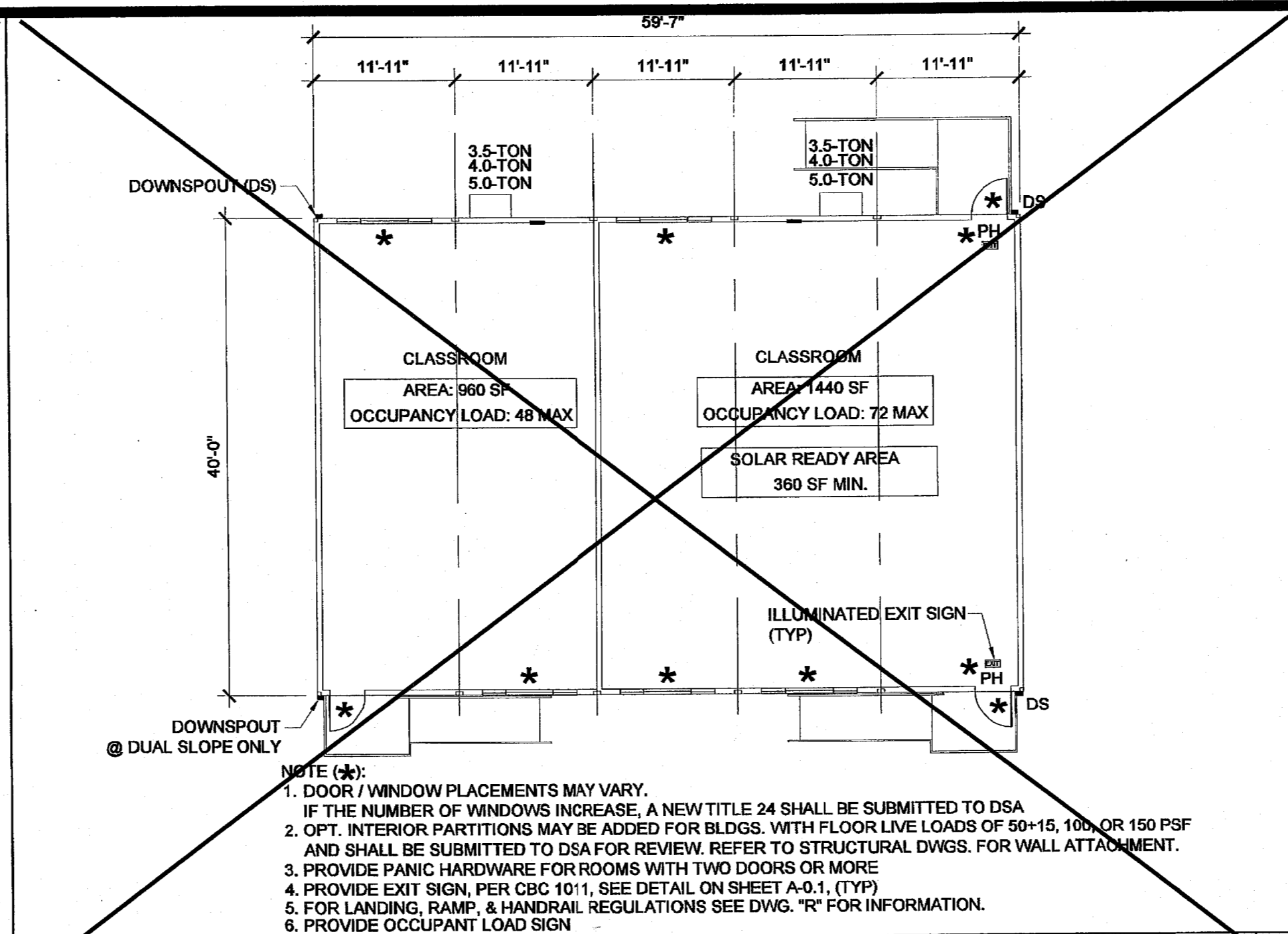
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
A-0.2

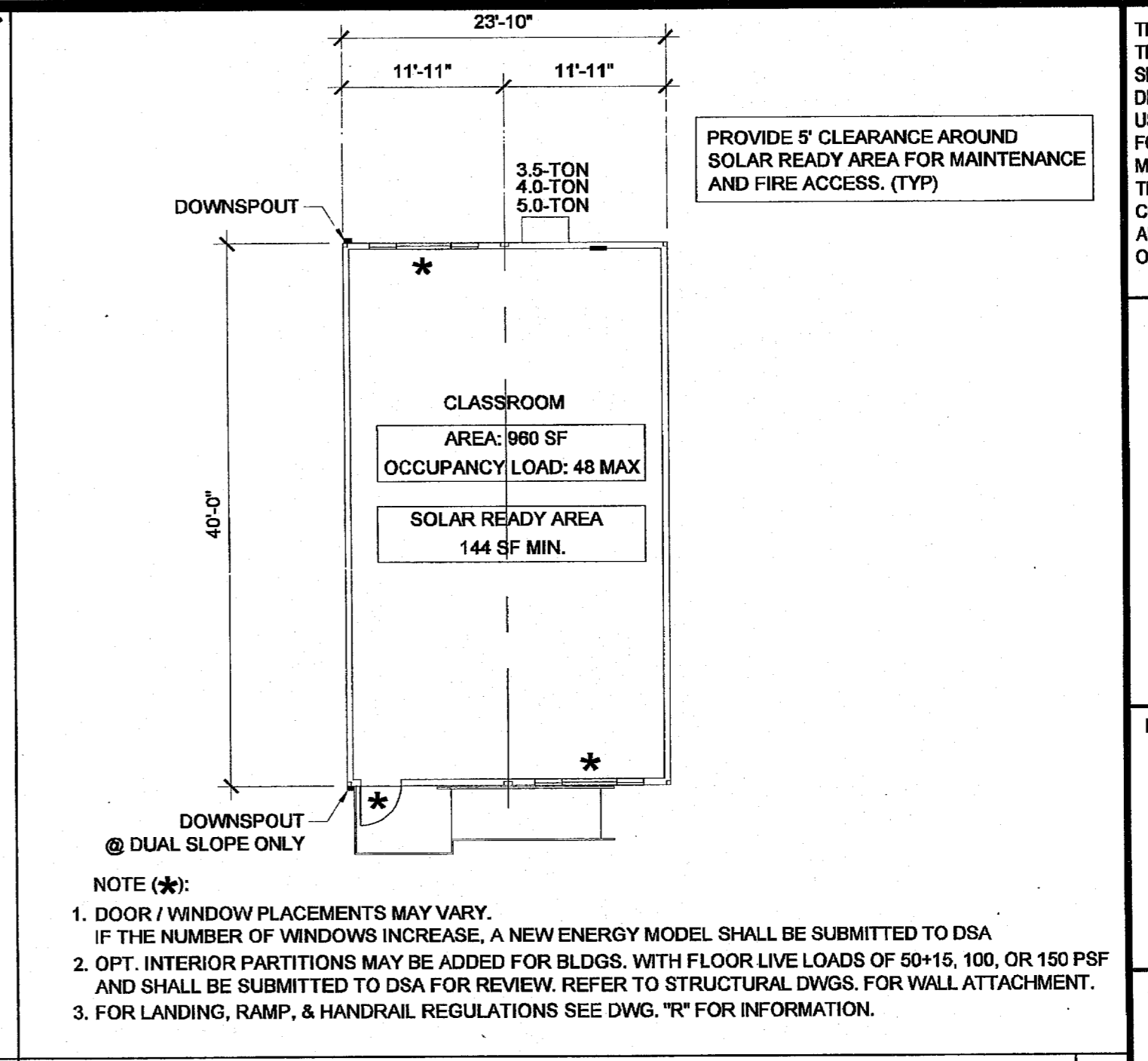
REFER TO SHEET "A-0.2N" FOR PROJECT SPECIFIC



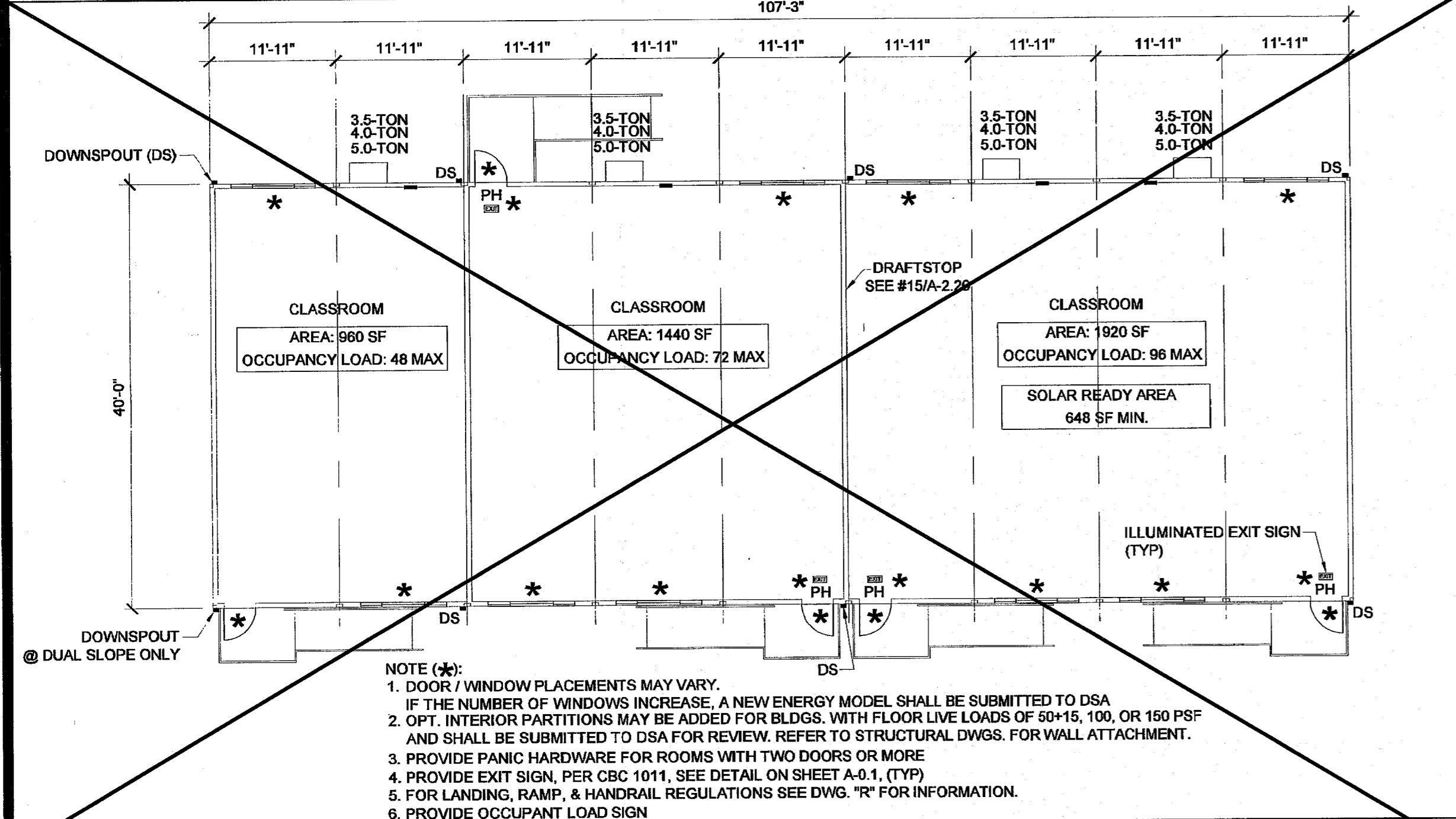
86' x 40' KEY PLAN (TOTAL AREA - 3840 SF) SCALE: 3/32" = 1'-0"



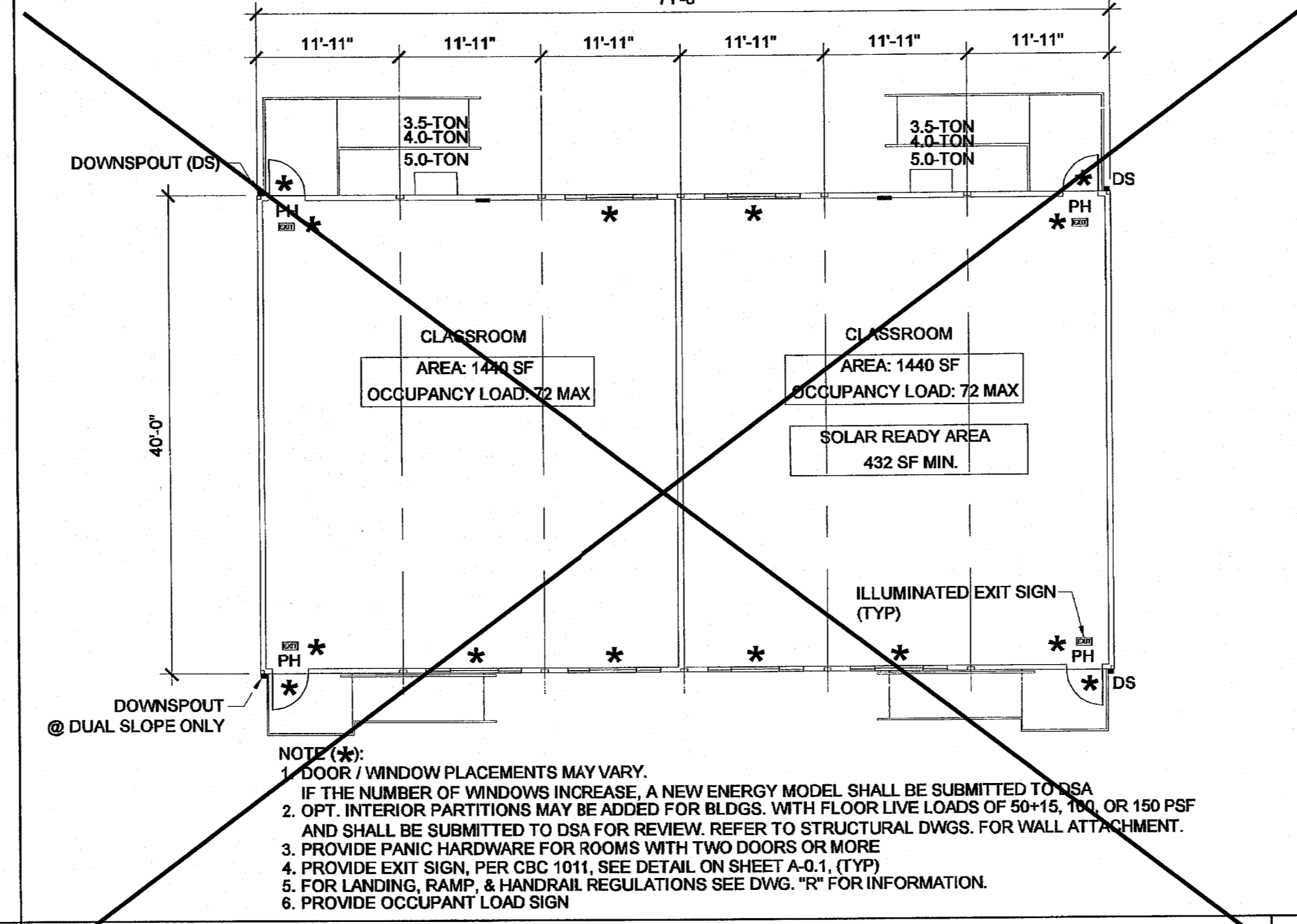
60' x 40' KEY PLAN (TOTAL AREA - 2400 SF) SCALE: 3/32" = 1'-0"



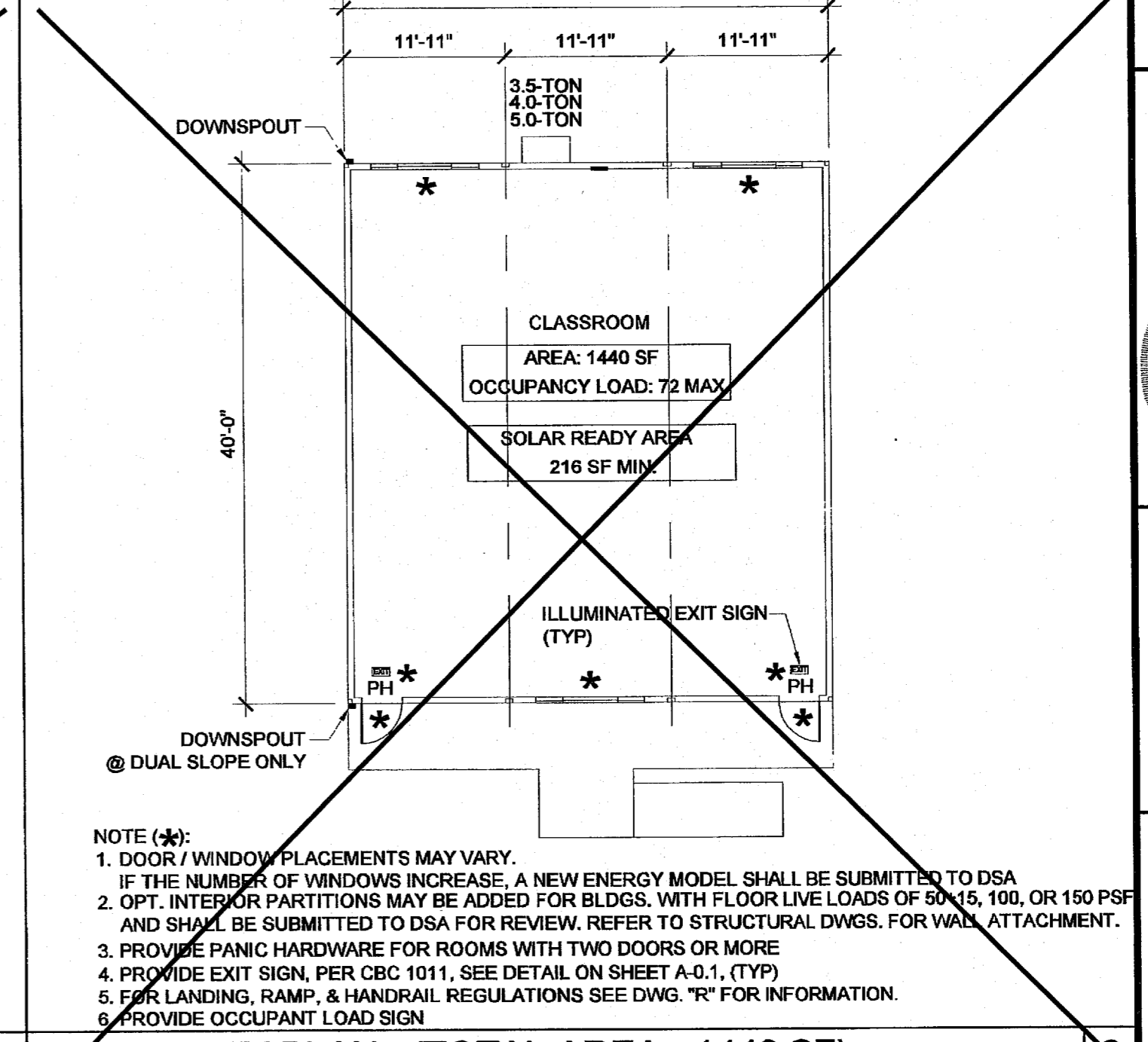
24' x 40' KEY PLAN (TOTAL AREA - 960 SF) SCALE: 3/32" = 1'-0"



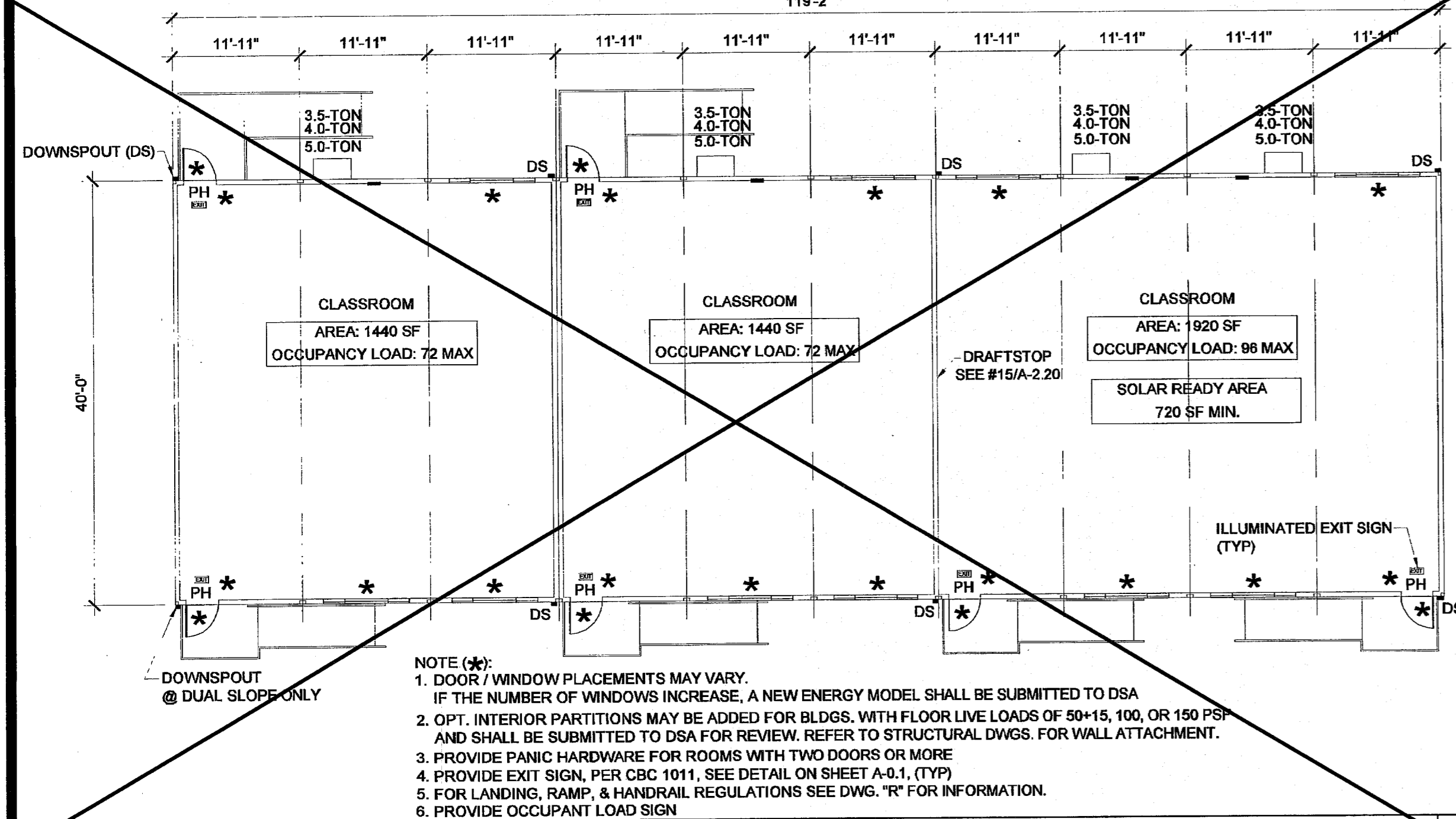
108' x 40' KEY PLAN (TOTAL AREA - 4320 SF) SCALE: 3/32" = 1'-0"



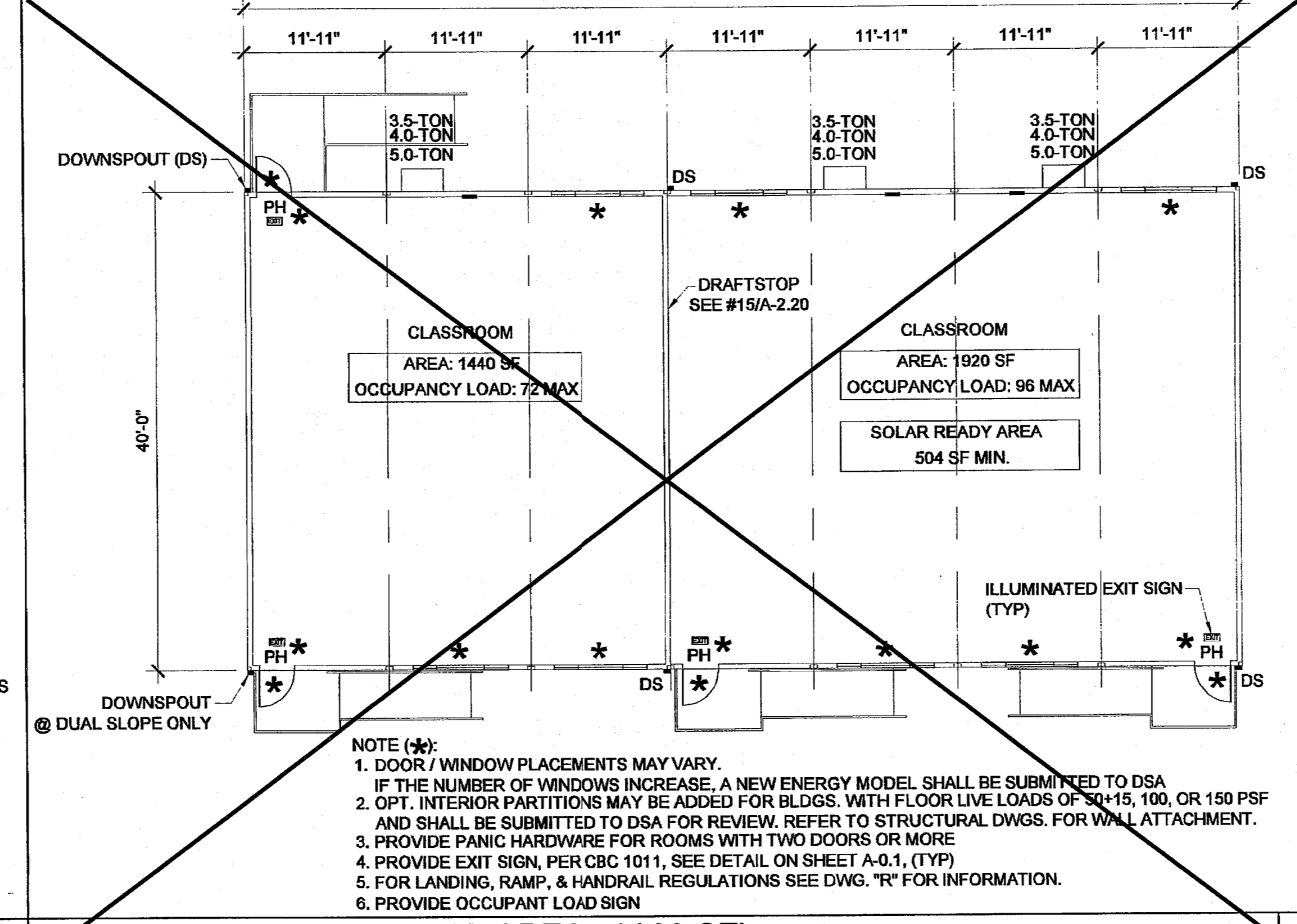
72' x 40' KEY PLAN (TOTAL AREA - 2880 SF) SCALE: 3/32" = 1'-0"



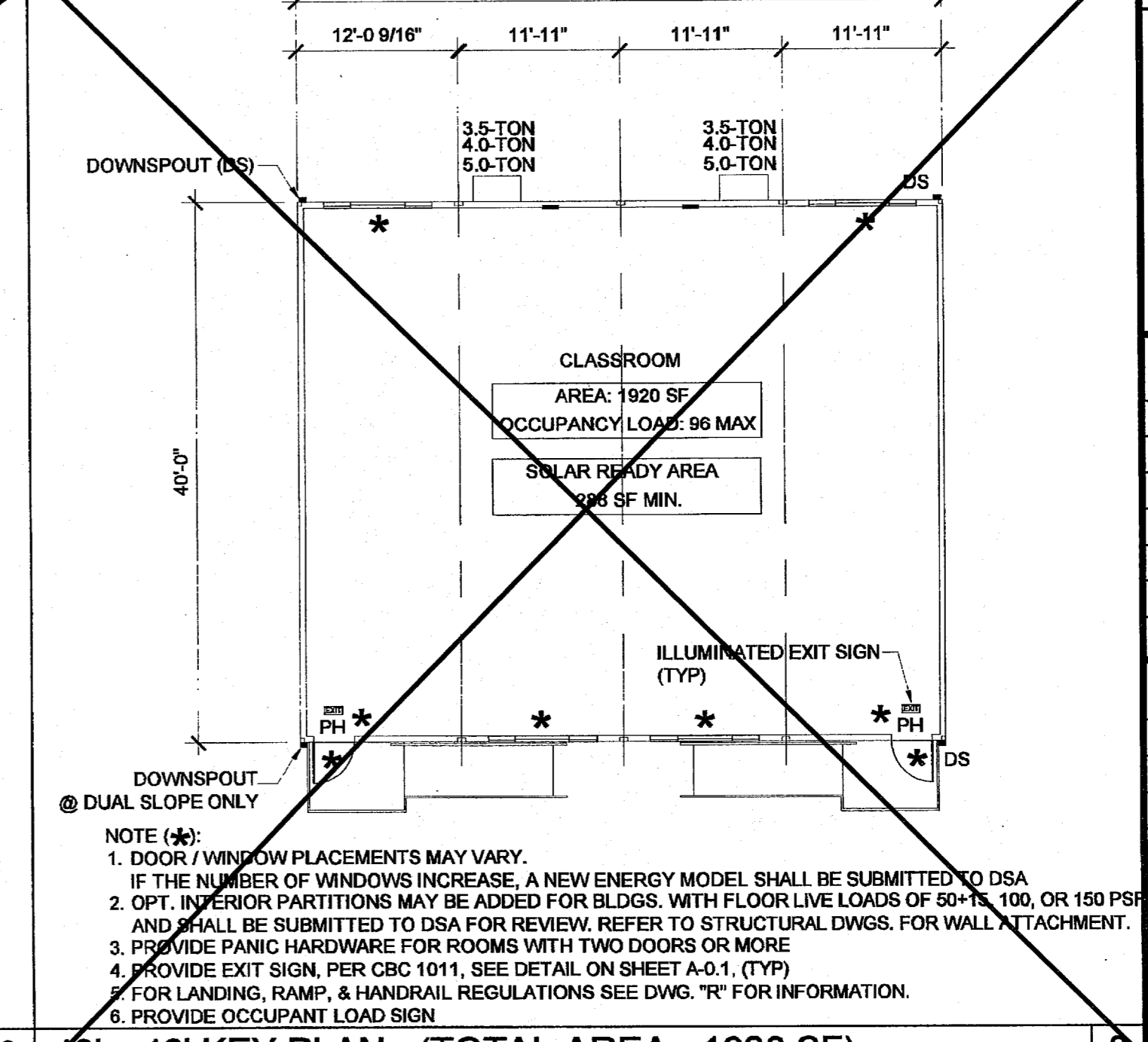
36' x 40' KEY PLAN (TOTAL AREA - 1440 SF) SCALE: 3/32" = 1'-0"



120' x 40' KEY PLAN (TOTAL AREA - 4800 SF) SCALE: 3/32" = 1'-0"



84' x 40' KEY PLAN (TOTAL AREA - 3360 SF) SCALE: 3/32" = 1'-0"



48' x 40' KEY PLAN (TOTAL AREA - 1920 SF) SCALE: 3/32" = 1'-0"

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APP. 03-119509 INC.
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DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING
SHEET TITLE:
TYPICAL KEY PLANS 24' - 120' x 40'

ARCHITECT OF RECORD
SUBMISSION DATE
PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS SS RAC
DATE: MAY 8 2017

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
ACS FLS SS RAC
DATE: AUG - 4 2015

REVISIONS
SILVER CREEK INDUSTRIES
24' x 40' PC - 212 PITCH
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER
A-0.3

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24 x 40 STOCKPILE
Calculation Date/Time:
Compliance Scope: New Complete Building including Envelope, Lighting and HVAC Input File Name:

NRCC-PRF-01-E
Page 1 of 6

A. GENERAL INFORMATION			
01	Project Address	ZONE 14	21
02	City	ZONE 14	22
03	Zip code		23
04	Climate Zone	ClimateZone14	24
05	Building Front Orientation	333	25
06	Number of Above Grade Stories	1	26
07	Number of Below Grade Stories	0	27
08	Number of Dwelling Units	0	28
09	Total Unconditioned Floor Area (SQ)	500	29
10	Total Unconditioned Floor Area (SQ)	500	30
11	Additional Unconditioned Floor Area (SQ)	0	31
12	Additional Unconditioned Floor Area (SQ)	0	32
13	Number of Thermal Zones	1	33
14	Number of Thermal Zones (Conditioned)	1	34
15	Number of Air Systems	0	35
16	Number of Zone Systems	0	36
17	Number of Thermal Units	0	37
18			38
19			39
20			40

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-06032014-687 Report Generated at: 2014-12-31 10:19:14-16

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24 x 40 STOCKPILE
Calculation Date/Time:
Compliance Scope: New Complete Building including Envelope, Lighting and HVAC Input File Name:

NRCC-PRF-01-E
Page 2 of 6

B. COMPLIANCE RESULTS			
BUILDING COMPLIES			
Special Features are Required - TBD			
HERS Verification is Required - TBD			
ANNUAL TON ENERGY USE SUMMARY (kBtu/SqFt)			
04	05	06	07
Energy Component	Standard Design	Proposed Design	Compliance Margin
Space Heating	59.2	57.3	1.9%
Space Cooling	207.8	203.0	2.3%
Water Heat	143.8	141.5	1.6%
Lighting	10.0	10.0	0.0%
Plug Loads	10.0	10.0	0.0%
Refrigeration	0.0	0.0	0.0%
Process	0.0	0.0	0.0%
PHENOMENON	0.0	0.0	0.0%
COMPLIANCE TOTAL	530.8	521.8	1.7%

C. OCCUPANCY SUMMARY INFORMATION			
01	02	03	04
Occupancy Type	Floor Area (SQ)	Unshaded Lighting Power (W/SqFt)	General Lighting Power Allowance (W/SqFt)
Classrooms, Lecture, Training, Auditorium Areas	500	744	1.62

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24 x 40 STOCKPILE
Calculation Date/Time:
Compliance Scope: New Complete Building including Envelope, Lighting and HVAC Input File Name:

NRCC-PRF-01-E
Page 3 of 6

D. ENVELOPE SUMMARY INFORMATION			
01	02	03	04
Surface Name	Surface Type	U-Factor / R-Value / C-Factor	Assembly Layers
SCI ROOF	Roof	U-0.05	1/4" Insulation - 116.0 in. Floor on steel beam - 60 2x12 - 110 in. Plywood - 5/8 in. Composite Framing - 4 in. or more. Air - cavity - Wall Roof Ceiling - 4 in. or more. Composite Framing - Plywood - 1 in. Ceiling - 5/8 in.
SCI PLYD FLOOR	Exterior Floor	U-0.07	4" - Cavity - Wall Roof Ceiling - 4 in. or more. Composite Framing - Plywood - 1 in. Ceiling - 5/8 in.
24x 1111 WALL	Exterior Wall	U-0.08	Wood siding - 1/2 in. Vapor retard - plastic film - 116 in. Acoustic Tile - 10 in.

E. FENESTRATION SUMMARY INFORMATION			
01	02	03	04
Name	Fenestration Type	Qualification Method	Assembly Method
SCI - RW 6200 - SLIDER - 6200 GLZ	Sliding	NFRC/Label	Manufactured

F. MECHANICAL SYSTEM SUMMARY INFORMATION			
01	02	03	04
Equipment Name	Equipment Type	Qty	Rating
AirSystem 1	CHP	1	13.0

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-06032014-687 Report Generated at: 2014-12-31 10:19:14-16

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24 x 40 STOCKPILE
Calculation Date/Time:
Compliance Scope: New Complete Building including Envelope, Lighting and HVAC Input File Name:

NRCC-PRF-01-E
Page 4 of 6

G. MECHANICAL SYSTEM ECONOMIZER AND FAN SUMMARY INFORMATION			
01	02	03	04
Equipment Name	Economizer Type	Outside Air	Supply Fan
AirSystem 1	None/Economizer	CFM 720	HP 0.75

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24 x 40 STOCKPILE
Calculation Date/Time:
Compliance Scope: New Complete Building including Envelope, Lighting and HVAC Input File Name:

NRCC-PRF-01-E
Page 5 of 6

Not Applicable

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-06032014-687 Report Generated at: 2014-12-31 10:19:14-16

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24 x 40 STOCKPILE
Calculation Date/Time:
Compliance Scope: New Complete Building including Envelope, Lighting and HVAC Input File Name:

NRCC-PRF-01-E
Page 6 of 6

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT			
I, I certify that this Certificate of Compliance documentation is accurate and complete.			
Documentation Author Name: Ryan McMillan	Documentation Author Signature:	Signature Title:	Phone: 951-943-5393
Company Name: Silver Creek	Company Address: 2830 Barrett Ave - Perris CA 92571	City/State/Zip: Perris CA 92571	Phone: 951-943-5393
RESPONSIBLE PERSON'S DECLARATION STATEMENT			
I certify the following under penalty of perjury under the laws of the State of California:			
1. I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation, and that I am licensed in the State of California as a mechanical engineer, mechanical engineer-in-training, electrical engineer, or a licensed architect.			
2. I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by section 5537.2 or 5737.2 to sign this document as the person responsible for its preparation, and that I am a licensed contractor performing the work.			
3. I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Contractors and Professions Code Sections 5537, 5538 and 5737.1.			
Building Owner's Name: SILVER CREEK	Building Owner Signature:	Date Signed:	Phone: 951-943-5393
Address: 2830 Barrett Ave - Perris CA 92571	City/State/Zip: Perris CA 92571	Phone: 951-943-5393	
Responsible Designer Name: Silver Creek	Responsible Designer Signature:	Date Signed:	Phone: 951-943-5393
Company Name: Silver Creek	Company Address: 2830 Barrett Ave - Perris CA 92571	City/State/Zip: Perris CA 92571	Phone: 951-943-5393
Responsible Lighting Designer Name: Silver Creek	Responsible Lighting Designer Signature:	Date Signed:	Phone: 951-943-5393
Company Name: Silver Creek	Company Address: 2830 Barrett Ave - Perris CA 92571	City/State/Zip: Perris CA 92571	Phone: 951-943-5393
Responsible Mechanical Designer Name: Silver Creek	Responsible Mechanical Designer Signature:	Date Signed:	Phone: 951-943-5393
Company Name: Silver Creek	Company Address: 2830 Barrett Ave - Perris CA 92571	City/State/Zip: Perris CA 92571	Phone: 951-943-5393

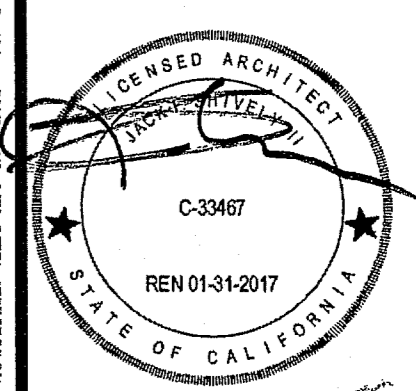
CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-06032014-687 Report Generated at: 2014-12-31 10:19:14-16

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PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ENERGY CALC'S. PRF FORMS ZONE 14 WORST CASE



ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 11 628
ACS - FLS - SS - RAE
DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT
DATE: 08-4-2015
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
ACS - FLS - SS - RAE
DATE: AUG - 4 2015

REVISIONS	

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER
A-0.5A

Digitally signed by Lydia Barron
DN: cn=Lydia Barron, o=California Department of General Services, ou=Division of the State Architect, email=lydia.barron@dgs.ca.gov, c=US

A. GENERAL INFORMATION		B. COMPLIANCE RESULTS	
01	Project Address	01	Compliance Software
02	City	02	Compliance Manager/Version
03	Zip code	03	State and Jurisdiction
04	Climate Zone	04	Building Type
05	Building Front Orientation	05	Construction Type
06	Number of Above Grade Stories	06	North Wall Area (SQ Ft)
07	Number of Below Grade Stories	07	East Wall Area (SQ Ft)
08	Total Conditioned Floor Area (SQ Ft)	08	South Wall Area (SQ Ft)
09	Total Unconditioned Floor Area (SQ Ft)	09	West Wall Area (SQ Ft)
10	Additional Unconditioned Floor Area (SQ Ft)	10	Total Exterior Wall Area (SQ Ft)
11	Number of Thermal Zones	11	North Glazing Area (SQ Ft) (Glazing Ratio)
12	Number of Thermal Zones (Conditioned)	12	South Glazing Area (SQ Ft) (Glazing Ratio)
13	Number of Thermal Zones (Unconditioned)	13	West Glazing Area (SQ Ft) (Glazing Ratio)
14	Number of All Systems	14	Total Glazing Area (SQ Ft) (Glazing Ratio)
15	Number of Zone Systems	15	Roof Area (SQ Ft)
16	Number of Thermal Units	16	Roof Area (SQ Ft) (Slightly Above-Roof)
17	Number of Thermal Units	17	Roof Area (SQ Ft) (Slightly Below-Roof)
18		18	
19		19	
20		20	

Not Applicable

B. COMPLIANCE RESULTS		C. OCCUPANCY SUMMARY INFORMATION	
01	Compliance Software	01	Occupancy Type
02	Compliance Manager/Version	02	Floor Area (SQ Ft)
03	State and Jurisdiction	03	Installed Lighting Power (Watts)
04	Building Type	04	Lighting Control Credits (Watts)
05	Construction Type	05	General Lighting Power Allowance (Watts)
06	North Wall Area (SQ Ft)	06	Adjusted (Exception) Lighting Power Allowance (Watts)
07	East Wall Area (SQ Ft)	07	Ballasted Ballasts (Watts)
08	South Wall Area (SQ Ft)	08	Total Allowed Lighting Power (Watts)
09	West Wall Area (SQ Ft)	09	
10	Total Exterior Wall Area (SQ Ft)	10	
11	North Glazing Area (SQ Ft) (Glazing Ratio)	11	
12	South Glazing Area (SQ Ft) (Glazing Ratio)	12	
13	West Glazing Area (SQ Ft) (Glazing Ratio)	13	
14	Total Glazing Area (SQ Ft) (Glazing Ratio)	14	
15	Roof Area (SQ Ft)	15	
16	Roof Area (SQ Ft) (Slightly Above-Roof)	16	
17	Roof Area (SQ Ft) (Slightly Below-Roof)	17	
18		18	
19		19	
20		20	

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Signature: _____
 Signature Date: 10/1/19
 Address: 2810 Barrett Ave - Perris CA 92571
 City/State/Zip: Perris CA 92571

Responsible Person's Declaration Statement:
 I certify the following under penalty of perjury under the laws of the State of California:
 1. I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation, and that I am licensed in the State of California as a civil engineer, mechanical engineer, electrical engineer, or I am a licensed architect.
 2. I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by sections 5597.2 or 6707.3 to sign this document as the person responsible for its preparation, and that I am a licensed professional performing this work.
 3. I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described in except pursuant to Business and Professions Code Sections 5516, 5518 and 6707.2.

Building Owner/Authorized Signatory:
 Name: _____
 Date Signed: 10/1/19
 Address: 2810 Barrett Ave - Perris CA 92571
 City/State/Zip: Perris CA 92571

Responsible Designer/Engineer/Architect:
 Name: Lydia Barron
 Date Signed: 10/1/19
 Address: 2810 Barrett Ave - Perris CA 92571
 City/State/Zip: Perris CA 92571

Responsible Lighting Designer:
 Name: _____
 Date Signed: 10/1/19
 Address: 2810 Barrett Ave - Perris CA 92571
 City/State/Zip: Perris CA 92571

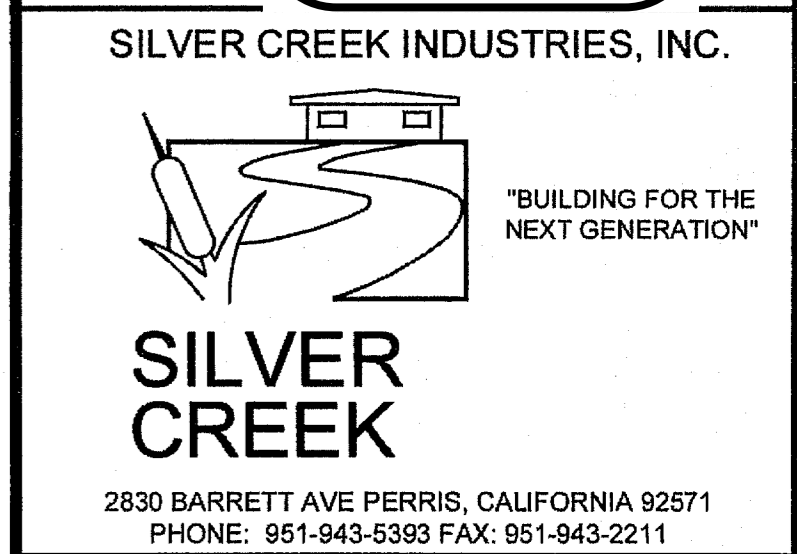
Responsible Mechanical Designer:
 Name: _____
 Date Signed: 10/1/19
 Address: 2810 Barrett Ave - Perris CA 92571
 City/State/Zip: Perris CA 92571

D. ENVELOPE SUMMARY INFORMATION		E. PENETRATION SUMMARY INFORMATION	
01	Surface Name	01	Name
02	Surface Type	02	Penetration Type
03	U-Value (CFactor)	03	Classification Method
04	Assembly Layers	04	Assembly Method
05	Framing Type	05	Frame Type
06	Framing Spacing	06	U-value
07	R-value	07	EMEC
08	Insulation	08	VT
09	Other Details	09	
10		10	
11		11	
12		12	
13		13	
14		14	
15		15	
16		16	
17		17	
18		18	
19		19	
20		20	

F. MECHANICAL SYSTEM ECONOMIZER AND FAN SUMMARY INFORMATION		G. COOLING SUMMARY INFORMATION	
01	Equipment Name	01	Equipment Name
02	Economizer Type	02	Economizer Type
03	CFM	03	CFM
04	HP	04	HP
05	BHP	05	BHP
06	Control	06	Control
07	CFM	07	CFM
08	HP	08	HP
09	BHP	09	BHP
10	Control	10	Control
11		11	
12		12	
13		13	
14		14	
15		15	
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20		20	

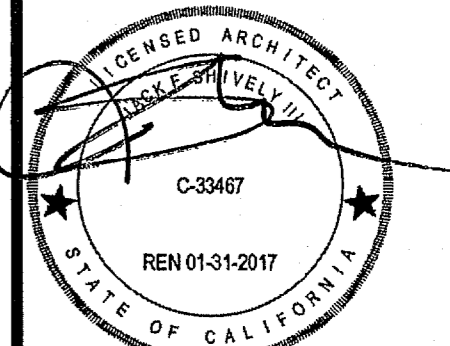
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 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS [] FLS [] ACS []
 DATE: 10/1/2019



PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ENERGY CALC'S. PRF FORMS ZONE 15 WORST CASE



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS [] FLS [] SS [] RAF []
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL
 PRE-CHECK (PC) DOCUMENT
 CODE: 2015-010
 A SEPARATE PROJECT APPROVAL DOCUMENT IS REQUIRED FOR SUBMITTALS TO THE STATE ARCHITECT.
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 ACS [] FLS [] SS [] RAF []
 DATE: AUG - 4 2015

REVISIONS

Lydia Barron
 Digitally signed by Lydia Barron
 DN: cn=Lydia Barron, o=California Department of General Services, ou=Division of the State Architect, email=lydia.barron@dgs.ca.gov, c=US

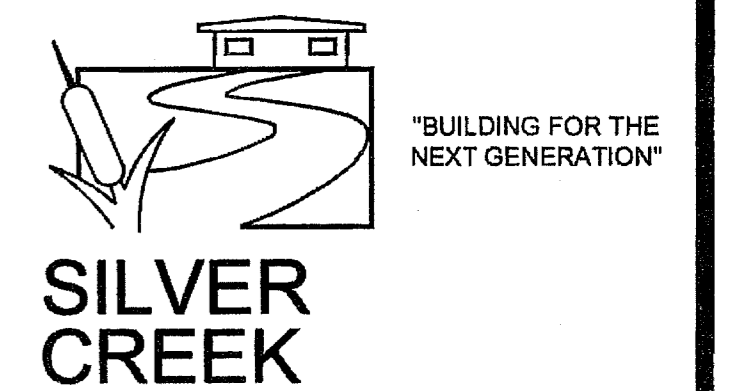
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P. C. SHEET NUMBER
A-0.5B

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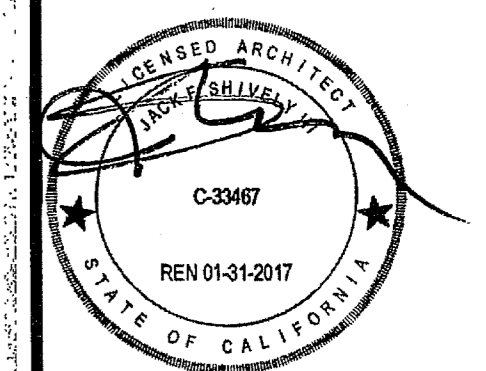
SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
**ENERGY CALC'S.
PRF FORMS
ZONE 16 WORST CASE**



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 116284
ACS FLS SS RAF
DATE MAY 18 2017

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PRE CHECK (PC) DOCUMENT
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
AC FLS SS RAF
DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2.12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER
A-0.5C

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: 24 x 40 SCI PC Calculation Date/Time: Page 3 of 6
Compliance Scope: New Complete Building Including Envelope, Lighting and HVAC Input File Name:

A. GENERAL INFORMATION	
01	Project Address ZONE 16
02	City ZONE 16
03	Zip code
04	Climate Zone ClimateZone16
05	Building Footprint Dimensions 330
06	Building Type Nonresidential
07	Number of Above Grade Stories 1
08	Number of Below Grade Stories 0
09	Number of Dwelling Units 0
10	Total Conditioned Floor Area (CF) 900
11	Total Unconditioned Floor Area (UF) 1400
12	Addition Conditioned Floor Area (ACF) 0
13	Addition Unconditioned Floor Area (AUF) 0
14	Number of Thermal Zones (conditioned) 1
15	Number of Air Systems 1
16	Number of Zonal Systems 0
17	Number of Terminal Units 0
18	
19	
20	

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-0002014-687 Report Generated at: 2014-12-31 17:09:07:03

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: 24 x 40 SCI PC Calculation Date/Time: Page 3 of 6
Compliance Scope: New Complete Building Including Envelope, Lighting and HVAC Input File Name:

B. COMPLIANCE RESULTS	
01	BUILDING COMPLIANCE
02	Special Provisions are Required - TBD
03	HERS Verification is Required - TBD
04	ANNUAL TOY ENERGY USE SUMMARY (kBtu/yr)
05	Standard Design
06	Proposed Design
07	Compliance Margin
08	Percent Better than Standard
09	Energy Component
10	Space Heating
11	Space Cooling
12	Interior Fans
13	Final Infiltration
14	Plumbing & Fixtures
15	Domestic Hot Water
16	East Glazing Area (EG) / Glazing Ratio
17	South Glazing Area (SG) / Glazing Ratio
18	West Glazing Area (WG) / Glazing Ratio
19	Total Glazing Area (TG) / Glazing Ratio
20	Process Lighting
21	TOTAL
22	
23	
24	
25	
26	
27	
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C. OCCUPANCY SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Occupancy Type	Floor Area	Installed Lighting Power (Watt)	Lighting Control Device (Watt)	General Lighting Power Allowance (Watt)	Additional (Optional) Allowance (Watt)	Actual (Required) Lighting Power (Watt)	Total Allowed Lighting Power (Watt)
Classrooms, Lecture, Training, Vocational Areas	900	764	180	1,182		1,182	1,182

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-0002014-687 Report Generated at: 2014-12-31 17:09:07:03

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: 24 x 40 SCI PC Calculation Date/Time: Page 3 of 6
Compliance Scope: New Complete Building Including Envelope, Lighting and HVAC Input File Name:

D. ENVELOPE SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Surface Name	Surface Type	U-Factor / R-Value	Assembly Layers	Framing Type	Framing Spacing	R-value	Controlled Cool Roof
SCI ROOF	Roof	U-0.05	Head Standing Seam - 12 G. 1/2" Corrugated Steel - 12 G. 1/2" Insulation - 15 in. R-19.00	Steel	24 in.	R-19.00	
SCI FLOOR	Exterior Floor	U-0.06	1/2" Concrete Slab on Grade - 4 in. or more Insulation - 15 in. R-19.00			R-19.00	
24'x40' WALL	Exterior Wall	U-0.08	Wood Siding - 1/2" Insulation - 15 in. R-19.00	Wood	24 in.	R-19.00	

E. FENESTRATION SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Name	Penetration Type	Classification Method	Assembly Method	Frame Type	U-value	SHGC	VT
SCI - JWC 6200 - SLIDER - 2806/CLR	Sliding	NFRC Rated	Manufactured	Aluminum	0.64	0.39	0.23

F. MECHANICAL SYSTEM SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Equipment Name	Equipment Type	City	Type	BEER	EER	Rated Output (kBtu/h)	Supplemental Rated Output (kBtu/h)
AirSystem 1	GSAC	1	Direct Expansion	13.0	9.0	53	

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-0002014-687 Report Generated at: 2014-12-31 17:09:07:03

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: 24 x 40 SCI PC Calculation Date/Time: Page 4 of 6
Compliance Scope: New Complete Building Including Envelope, Lighting and HVAC Input File Name:

G. MECHANICAL SYSTEM ECONOMIZER AND FAN SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Equipment Name	Economizer Type	CFM	CFM	HP	BHP	Control	Control
AirSystem 1	No Economizer	720	1875.0	0.75	0.75	Control On	Control On

H. CHILLER SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Chiller Name	Chiller Type	CFM	CFM	HP	BHP	Control	Control

I. COOLING TOWER SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Cooling Tower Name	Cooling Tower Type	CFM	CFM	HP	BHP	Control	Control

J. BOILER SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Boiler Name	Boiler Type	CFM	CFM	HP	BHP	Control	Control

K. CENTRAL MECHANICAL SYSTEM - PUMP SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Pump Name	Pump Type	CFM	CFM	HP	BHP	Control	Control

L. TERMINAL UNIT SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Terminal Unit Name	Terminal Unit Type	CFM	CFM	HP	BHP	Control	Control

M. ZONAL SYSTEM SUMMARY INFORMATION							
01	02	03	04	05	06	07	08
Zonal System Name	Zonal System Type	CFM	CFM	HP	BHP	Control	Control

N. DIV. SUMMARY INFORMATION - FLUID SYSTEMS							
01	02	03	04	05	06	07	08
Fluid System Name	Fluid System Type	CFM	CFM	HP	BHP	Control	Control

O. DIV. SUMMARY INFORMATION - REFRIGERATION DIV. SYSTEMS							
01	02	03	04	05	06	07	08
Refrigeration System Name	Refrigeration System Type	CFM	CFM	HP	BHP	Control	Control

P. EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST							
01	02	03	04	05	06	07	08

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-0002014-687 Report Generated at: 2014-12-31 17:09:07:03

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: 24 x 40 SCI PC Calculation Date/Time: Page 5 of 6
Compliance Scope: New Complete Building Including Envelope, Lighting and HVAC Input File Name:

Not Applicable.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-0002014-687 Report Generated at: 2014-12-31 17:09:07:03

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Project Name: 24 x 40 SCI PC Calculation Date/Time: Page 6 of 6
Compliance Scope: New Complete Building Including Envelope, Lighting and HVAC Input File Name:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I, the undersigned, certify that the information provided in this document is true and accurate to the best of my knowledge and belief, and that I am not providing any false or misleading information.

Documentation Author Name: SILVER CREEK
Company: SILVER CREEK
Address: 2830 Barrett Ave - Perris CA 92571
City/State/Zip: Perris CA 92571

Documentation Author Signature: [Signature]
Signature Date: 12/31/14
CRA Identification (if applicable): [ID]

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I, the undersigned, certify that I am a duly licensed professional engineer, architect, or a duly licensed contractor in the State of California, and that I am providing my professional services to the project described in this document, and that I am not providing any false or misleading information.

Building Owner's Name: SILVER CREEK
Address: 2830 Barrett Ave - Perris CA 92571
City/State/Zip: Perris CA 92571

Building Owner's Signature: [Signature]
Date Signed: 12/31/14
Phone: 951-943-5393

Responsible Designer Name: Lydia Barron
Company: SILVER CREEK
Address: 2830 Barrett Ave - Perris CA 92571
City/State/Zip: Perris CA 92571

Responsible Designer Signature: [Signature]
Date Signed: 12/31/14
Phone: 951-943-5393

Responsible Lighting Designer Name: SILVER CREEK
Company: SILVER CREEK
Address: 2830 Barrett Ave - Perris CA 92571
City/State/Zip: Perris CA 92571

Responsible Lighting Designer Signature: [Signature]
Date Signed: 12/31/14
Phone: 951-943-5393

Responsible Mechanical Designer Name: SILVER CREEK
Company: SILVER CREEK
Address: 2830 Barrett Ave - Perris CA 92571
City/State/Zip: Perris CA 92571

Responsible Mechanical Designer Signature: [Signature]
Date Signed: 12/31/14
Phone: 951-943-5393

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance Report Version: PRF01-0002014-687 Report Generated at: 2014-12-31 17:09:07:03

Lydia Barron
Digitally signed by Lydia Barron
DN: cn=Lydia Barron, o=California Department of General Services, ou=Division of the State Architect, email=lydia.barron@dgs.ca.gov, c=US

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: 24' x 40' SCI R Date Prepared: 10/15/14

Project Address: Total Illuminated Hardship Area:
 General Information
 Phase of Construction: New Construction Addition Alteration
 Outdoor Lighting Zone (OLZ) OLZ-1 OLZ-2 OLZ-3 OLZ-4
 I have confirmed with the AHJ which OLZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §19-134

LIGHTING COMPLIANCE DOCUMENTS (check box for each document included)
 For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.
 NRCC-LTO-01-E Certificate of Compliance
 NRCC-LTO-02-E Outdoor Lighting Controls Certificate of Compliance
 NRCC-LTO-03-E Outdoor Lighting Power Allowance Certificate of Compliance

Summary of Allowed Outdoor Lighting Power

	Watts
1. Sum Total ALLOWED Outdoor Lighting Wattage from NRCC-LTO-03-E, page 1	30
2. Sum Total INSTALLED Outdoor Lighting Wattage from NRCC-LTO-01-E, page 3	30

Declaration of Required Installation Certificates - Declare by checking all Installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)
 NRCC-LTO-01-E - Must be submitted for all buildings Field Inspector
 NRCC-LTO-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance. Field Inspector

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)
 NRCA-LTO-02-A - Must be submitted for outdoor lighting controls. Field Inspector

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: Date Prepared:

Schedule of luminaires exempt from the outdoor lighting power requirements in §140.7

Name or Symbol	Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the cutoff requirements in §130.2(b)

Name or Symbol	Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the outdoor lighting control requirements in §130.2(c)

Name or Symbol	Description of exempt luminaire in accordance with the exemptions
TRIP OUT LIGHT	< 30W, NO TRIP LOAD REQUIREMENTS

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: Date Prepared:

A. OUTDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

Luminaire Schedule		Installed Watts				Location		Cutoff	Field Inspector	
A	B	C	D	E	F	G	H	I	J	K
Name or Item Tag	Complete Luminaire Description	Watts per Luminaire	How wattage was determined	Number of Luminaires	Total Installed Watts in this Area (C x F)	Primary Function area in which these luminaires are installed	Building	Area	Initials	Date
TRIP	30 W CMW LED LUM. TRIP	30	CP	1	30	ENTRY DOOR	TRIP	AREA		

INSTALLED WATTS PAGE TOTAL: 30 Enter sum total of all pages (Sum Total INSTALLED Outdoor Lighting Wattage) into NRCC-LTO-01-E, Page 1

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: Date Prepared: 10/15/14

DECLARATION AUTHORITY'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Authority Signature: [Signature]
 Company: SILVER CREEK
 Address: 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 City/State/Zip: PERRIS, CA 92571

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
 Responsible Designer Name: SILVER CREEK
 Company: SILVER CREEK
 Address: 2830 BARRETT AVE PERRIS, CA 92571
 City/State/Zip: PERRIS, CA 92571

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-MCH-04-E
 Required Acceptance Tests
 Project Name: 24' x 40' SCI R Date Prepared: 10/15/14

MECHANICAL COMPLIANCE FORMS & WORKSHEETS (Indicate if worksheet is included)

YES	NO	Form	Title
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-04-E (1 of 2)	Certificate of Compliance. Required on plans when used.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-04-E (2 of 2)	Mechanical Acceptance Tests. Required on plans when used.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-05-E (1 of 2)	HVAC Prescriptive Requirements. It is required on plans when used.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-05-E (2 of 2)	Mechanical SWH Equipment Summary is required for all submittals with service water heating, pools or spas. It is required on plans where applicable.

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-MCH-04-E
 Required Acceptance Tests
 Project Name: Date Prepared:

Designers:
 This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for mechanical systems. The designer is required to check the applicable boxes by all acceptance tests that apply and list all equipment that requires an acceptance test. If all equipment of a certain type requires a test, list the equipment description and the number of systems. The NA number designates the Section in the Appendix of the Nonresidential Reference Appendices Manual that describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.

Enforcement Agency:
Systems Acceptance. Before occupancy permit is granted for a newly constructed building or space, or a new space-conditioning system serving a building or space is operated for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance.
Systems Acceptance. Before occupancy permit is granted. All newly installed HVAC equipment must be tested using the Acceptance Requirements.
 The NRCC-MCH-04-E form is not considered a completed form and is not to be accepted by the building department unless the correct boxes are checked. The equipment requiring testing, person performing the test (Example: HVAC installer, TAB contractor, controls contractor, PE in charge of project) and what Acceptance test must be conducted. The following checked-off forms are required for ALL newly installed and replaced equipment. In addition a Certificate of Acceptance forms shall be submitted to the building department that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of Section 10-109(b) and Title 24 Part 6. The building inspector must receive the properly filled out and signed forms before the building can receive final occupancy.

Test Description	MCH-02-A	MCH-03-A	MCH-04-A	MCH-05-A	MCH-06-A	MCH-07-A	MCH-08-A	MCH-09-A	MCH-10-A	MCH-11-A	MCH-12-A	MCH-13-A	MCH-14-A	MCH-15-A	Test Performed By:
Equipment Requiring Testing or Verification															
All TRIP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
 (REGULATORY TITLE: (Renamed 09/14))
 CERTIFICATE OF COMPLIANCE
 NRCC-MCH-04-E
 Required Acceptance Tests
 Project Name: Date Prepared: 10/15/14

DECLARATION AUTHORITY'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Authority Signature: [Signature]
 Company: SILVER CREEK
 Address: 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 City/State/Zip: PERRIS, CA 92571

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
 Responsible Designer Name: SILVER CREEK
 Company: SILVER CREEK
 Address: 2830 BARRETT AVE PERRIS, CA 92571
 City/State/Zip: PERRIS, CA 92571

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF SCI. ALL PATENTABLE ORIGINATING WITHIN THE STATE OF CALIFORNIA.

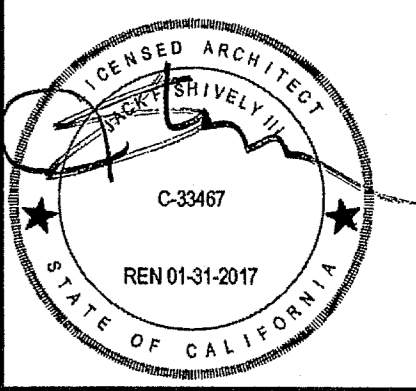
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019
 SCI Inc

SILVER CREEK INDUSTRIES, INC.

 "BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ENERGY CALC'S. LTO / MCH FORMS 24' x 40' BLDG'S



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS - FLS - SS - RAE
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE 2010-CBC FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC - FLS - SS - RAE
 DATE: AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

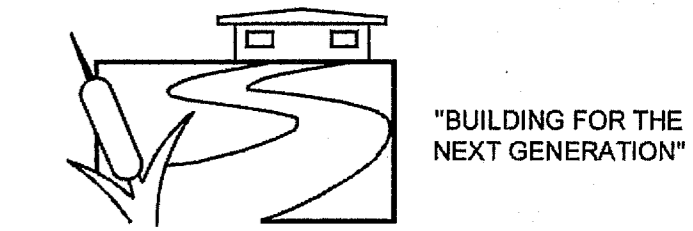
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
A-0.6B

Digitally signed by Lydia Barron
 DN: cn=Lydia Barron, o=California Department of General Services, ou=Division of the State Architect, email=lydia.barron@dsps.ca.gov, c=US
 Date: 2015.06.30 17:02:41 -0700

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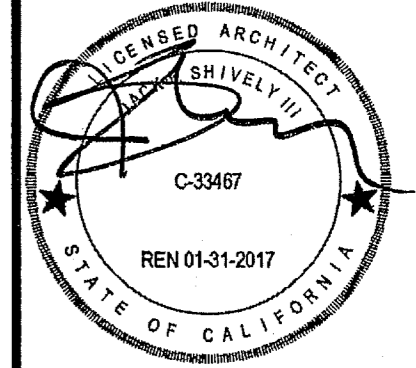
SILVER CREEK INDUSTRIES, INC.



SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ENERGY CALC'S, ELC FORMS 120' x 40' BLDG'S



ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 11 6284
ACS FLS SS RAE
DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
ACS FLS SS RAE
DATE AUG - 4 2015

REVISIONS

1	
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SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER

A-0.6D

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 4 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

B. Disaggregation of Electrical Circuits (continued)
Table 130.5-B - MINIMUM REQUIREMENTS FOR SEPARATION OF ELECTRICAL LOADS

Load Type	Services rated 50 kVA or less	Services rated more than 50 kVA and less than or equal to 250 kVA	Services rated more than 250 kVA and less than or equal to 1000 kVA	Services rated more than 1000 kVA
Lighting including exit and egress lighting and exterior lighting	Not required	All lighting in aggregate	All lighting in aggregate	All lighting in aggregate
HVAC systems and components including chillers, fans, heaters, furnaces, package units, cooling towers, and circulation pumps associated with HVAC	Not required	All HVAC in aggregate	All HVAC in aggregate and each HVAC load rated at least 50 kVA	All HVAC in aggregate and each HVAC load rated at least 50 kVA
Domestic and service water system pumps and related systems and components	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Plug load including appliances rated less than 22 kVA	Not required	All plug load in aggregate	All plug load in aggregate exceeding 25 kVA connected load in an area less than 5000 sq ft	All plug load in aggregate exceeding 25 kVA connected load in an area less than 5000 sq ft
Elevators, escalators, moving walks, and transit systems	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Other individual non-HVAC loads or appliances rated 22 kVA or greater	Not required	All	Each	Each
Industrial and commercial load centers 25 kVA or greater including mechanical lighting installations and commercial kitchens	Not required	All	Each	Each
Renewable power source (net metering or solar)	Each group	Each group	Each group	Each group
Loads associated with renewable power source	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate
Charging stations for electric vehicles	Not required	All loads in aggregate	All loads in aggregate	All loads in aggregate

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 5 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

A	B	C	D
Designation/Location in building/Description	Designation/Location in building/Description	kVA	
10. ELEC. CLOSURE	10. ELEC. CLOSURE	4.50	

Current transformer have been attached to individual branch circuits and loads throughout the building, and a permanent measurement system is installed that allows an equivalent degree of disaggregated measurement as required by the Standard.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 6 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

B. Disaggregation of Electrical Circuits

Each newly installed switchboard, panel, and motor control center (in both existing and newly constructed buildings) is required to be disaggregated according to the requirements of Table 130.5-B, shown on the next page.

Individual branch circuits, taps or disconnects that require overcurrent protection devices rated 60A or greater are exempt.

As an alternative, current transformers can be added for individual branch circuits and loads throughout the building, and a permanent measurement system can be installed. In this case, disaggregated wiring would not be required as long as the metering system allows the equivalent disaggregated measurements.

Fill out a separate line for each switchboard, motor control center, panelboard and subpanel.

Table 130.5-A - MINIMUM REQUIREMENTS FOR METERING OF ELECTRICAL LOAD

Meter Rating (kVA)	More than 200 kVA and less than or equal to 250 kVA	More than 250 kVA and less than or equal to 1000 kVA	Services rated more than 1000 kVA
Installation (at the time of demand)	Not required	Not required	Not required
Historical peak demand (kW)	Not required	Not required	Not required
Renewable kWh	Not required	Not required	Not required
100% per rate period	Not required	Not required	Not required

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 2 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

Project Name	Site Address	Climate Zone	Conditioned Floor Area
120' x 40' SCI PC	10115/16	1-15	768-263

A. Electrical Service Metering

Each newly installed electrical service (in both existing and newly constructed buildings) is required to be metered, as set out in Table 130.5-A, which is reproduced below.

Fill out a separate line for each electrical service that is connected to the building.

Electrical Service Schedule	Electrical Service Rating	Metering Capabilities (check all that are present)	Field Inspector
A	B	C D E F G	H I J K L M N O P Q R S T U V W X Y Z

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 1 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

Project Name	Site Address	Climate Zone	Conditioned Floor Area
120' x 40' SCI PC	10115/16	1-15	768-263

A. Electrical Service Metering

Each newly installed electrical service (in both existing and newly constructed buildings) is required to be metered, as set out in Table 130.5-A, which is reproduced below.

Fill out a separate line for each electrical service that is connected to the building.

Electrical Service Schedule	Electrical Service Rating	Metering Capabilities (check all that are present)	Field Inspector
A	B	C D E F G	H I J K L M N O P Q R S T U V W X Y Z

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 9 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

D. Circuit Controls for 120-Volt Receptacles

Controlled 120 volt receptacles shall be provided, as required by Section 130.5(A) of the Standards.

In open office areas, controlled circuit receptacles are not required if, at time of final permit, workstations are installed, and each workstation is equipped with an occupant sensing control that is permanently mounted in each workstation, and which contains a backboard, non-removable rated power strip, plug-in strip and other plug-in devices that incorporate an occupant sensor shall not be used for this exception.

Receptacles that are only for the following purposes are exempt:

- Receptacles specifically for refrigerators and water dispensers in laboratories.
- Receptacles located a minimum of 56 feet above the floor that are specifically for docks.
- Receptacles for network copiers, fax machines, AV and data equipment other than personal computers in copy rooms.

At least one controlled receptacle is installed within 6 feet of each uncontrolled receptacle, or split-wired duplex receptacles are installed, that have one controlled and one uncontrolled receptacle. This applies to all of the following spaces:

- Private offices, open office areas
- Reception and lobbies
- Conference rooms
- Kitchens in office spaces
- Copy room

Electric circuits serving controlled receptacles are equipped with automatic shut-off controls following the requirements prescribed in Section 340.3.6(1) thereof. In any cases this may mean that the receptacles are connected to the same automatic shut-off system as the general lighting of the space.

Controlled receptacles shall have permanent marking to differentiate them from uncontrolled receptacles.

For open office areas, controlled circuits shall be provided and marked to support installation and configuration of office furniture with receptacles that comply with Section 130.14(1)(3)(5)(6)(7), 2, and 3.

For hotel and motel guest rooms at least one-half of the 120-volt receptacles in each guest room are controlled receptacles that comply with Section 130.3.6(1), 2, and 3 (see numbers 1, 2, and 3 above). Electric circuits serving controlled receptacles have occupant sensing controls, occupancy sensing controls, or automatic controls such that, no longer than 30 minutes after the guest room has been vacated, power is switched off.

Plug-in strips and other plug-in devices that incorporate an occupant sensor are not used to comply with any of these requirements.

Documentation Author's Declaration Statement:
I certify that this Certificate of Compliance documentation is accurate and complete.

Responsible Person's Declaration Statement:
I certify the following under penalty of perjury under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible design).
3. The energy features and performance specifications, materials, components, and manufacturer devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 7 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

Compliance Manual, Chapter 8, Table 8-2: Typical Power Factors for Voltage Drop Calculations

Load Type	Default Power Factor at 120 volts	Default Power Factor at 277 volts	Clarifying Notes
Fluorescent lighting	0.95	0.95	
Compact fluorescent lighting	0.9 (hardwired)	0.9 (hardwired)	100% magnetic ballasts use 0.9-24 volts
LED lighting	0.7	0.5	May be higher if specifications call for high power factor drivers
Incandescent lighting	1.0	1.0	
LED lighting	0.9	0.9	May be lower if NPV ballasts are specified
HVAC packages	0.85	0.9	
Other motors <5 HP	0.8	0.8	
Other motors >5 HP	0.85	0.85	
Fitness equipment	0.9	N/A	
Receptacles	0.6	N/A	For dedicated receptacles, may be rated according to the load
Electric heating including hot water	1.0	1.0	
Other	0.85	0.85	

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
NRC-ELC-01-E
(Page 8 of 9)
Project Name: 120' x 40' SCI PC
Site Address: 10115/16

C. Voltage Drop

Attach voltage drop worksheet to this form.

Field Inspector has discretion to approve the worksheets; the tables shown below in this section are advisory only.

Feeder conductors and branch circuits that are dedicated to emergency services are exempt from these requirements.

An advisory table of typical power factors is shown below.

Field Inspector	Signature	Date

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

Lydia Barron
Digitally signed by Lydia Barron
DN: cn=Lydia Barron, o=California Department of General Services, ou=Division of the State Architect, email=lydia.barron@cdgs.gov, c=US

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 NRCC-LTO-01-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Outdoor Lighting
 Project Name: 120' x 40' SCI PC Date Prepared: 10/15/14 (Page 1 of 4)

Project Address: Total Illuminated Hardscape Area
 General Information
 Phase of Construction: New Construction Addition Alteration
 Outdoor Lighting Zone (OLZ): OLZ-1 OLZ-2 OLZ-3 OLZ-4
 I have confirmed with the AHJ which OLZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §10-114

LIGHTING COMPLIANCE DOCUMENTS (check box for each document included)
 For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.
 NRCC-LTO-01-E Certificate of Compliance
 NRCC-LTO-02-E Outdoor Lighting Controls Certificate of Compliance
 NRCC-LTO-03-E Outdoor Lighting Power Allowance Certificate of Compliance

Summary of Allowed Outdoor Lighting Power

	Watts
1. Sum Total ALLOWED Outdoor Lighting Wattage from NRCC-LTO-03-E, page 1	150
2. Sum Total INSTALLED Outdoor Lighting Wattage from NRCC-LTO-01-E, page 3	150

Declaration of Required Installation Certificates - Declare by checking all Installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)
 NRCC-LTO-01-E - Must be submitted for all buildings Field Inspector
 NRCC-LTO-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance. Field Inspector
Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)
 NRCC-LTO-02-A - Must be submitted for outdoor lighting controls. Field Inspector

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 NRCC-LTO-01-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Outdoor Lighting
 Project Name: Date Prepared: (Page 2 of 4)

Schedule of luminaires exempt from the outdoor lighting power requirements in §140.7

Name or Symbol	Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the cutoff requirements in §130.2(b)

Name or Symbol	Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the outdoor lighting control requirements in §130.2(c)

Name or Symbol	Description of exempt luminaire in accordance with the exemptions
TRP EXT LIGHT	2 30W LED LUMINAIRE

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 NRCC-LTO-01-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Outdoor Lighting
 Project Name: Date Prepared: (Page 3 of 4)

A. OUTDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

A	B	C				E	F	G	H	I
		How wattage was determined	Number of Luminaires	Total Installed Watts in this Area (E x F)	Location					
TRP	30 W CMW LED LUMINAIRE	30	5	150	ENERGY DOWN	FULL CUTOFF				

INSTALLED WATTS PAGE TOTAL: 150 Enter sum total of all pages (Sum Total INSTALLED Outdoor Lighting wattage) into NRCC-LTO-01-E, Page 1

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 NRCC-LTO-01-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Outdoor Lighting
 Project Name: Date Prepared: 10/15/14 (Page 4 of 4)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Author Name: SYLVIA MCLEOD Signature Date: 10/15/14
 Address: SILVER CREEK City/State/Zip: CA 92577
RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
 Responsible Designer Name: SILVER CREEK Signature: [Signature] Date: 10/15/14
 Company: SILVER CREEK Address: City/State/Zip: CA 92577

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
 NRCC-MCH-04-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Required Acceptance Tests
 Project Name: 120' x 40' SCI PC Date Prepared: 10/15/14 (Page 1 of 3)

MECHANICAL COMPLIANCE FORMS & WORKSHEETS (indicate if worksheet is included)
 For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2013 Nonresidential Manual Note: The Enforcement Agency may require all forms to be incorporated into the building plans. Forms NRCC-MCH-04-E and NRCC-MECH-05-E are alternative forms to NRCC-MCH-01-E, NRCC-MCH-02-E and NRCC-MCH-03-E for projects using only single zone packaged HVAC systems.

Form	Title
<input checked="" type="checkbox"/> NRCC-MCH-04-E (1 of 2)	Certificate of Compliance, Required on plans when used.
<input checked="" type="checkbox"/> NRCC-MCH-04-E (2 of 2)	Mechanical Acceptance Tests, Required on plans when used.
<input checked="" type="checkbox"/> NRCC-MCH-05-E (1 of 2)	HVAC Prescriptive Requirements. It is required on plans when used.
<input checked="" type="checkbox"/> NRCC-MCH-05-E (2 of 2)	Mechanical SWH Equipment Summary is required for all submittals with service water heating, pools or spas. It is required on plans where applicable.

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
 NRCC-MCH-04-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Required Acceptance Tests
 Project Name: Date Prepared: (Page 2 of 3)

Test Description

Equipment Requiring Testing or Verification	MCH-02-A Outdoor Air	MCH-03-A Single Zone Unitary Air Distribution	MCH-04-A Economizer Controls	MCH-05-A Demand Control Ventilation (DCV)	MCH-06-A Supply Fan VAV	MCH-07-A Automatic Demand Shed Control	MCH-11-A FGD for Packaged DX Units	MCH-14-A District Energy Management Control System	MCH-18-A Energy Management Control System	Test Performed By:
TRP	At									

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
 NRCC-MCH-04-E (Revised 05/14)
 CERTIFICATE OF COMPLIANCE
 Required Acceptance Tests
 Project Name: Date Prepared: 10/15/14 (Page 3 of 3)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Author Name: SYLVIA MCLEOD Signature Date: 10/15/14
 Address: SILVER CREEK City/State/Zip: CA 92577
RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
 Responsible Designer Name: SILVER CREEK Signature: [Signature] Date: 10/15/14
 Company: SILVER CREEK Address: City/State/Zip: CA 92577

Lydia Barron
 Digitally signed by Lydia Barron
 DN: cn=California, o=California Department of General Services, ou=Division of the State Architect, email=lydia.barron@dgs.ca.gov
 Date: 2015.06.30 17:37:53 -0700

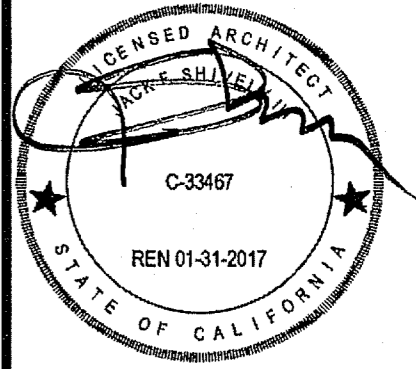
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 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019
 SCI Inc

SILVER CREEK INDUSTRIES, INC.

 "BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ENERGY CALC'S. LTO / MCH FORMS 120' x 40' BLDG'S



ARCHITECT OF RECORD SUBMISSION DATE

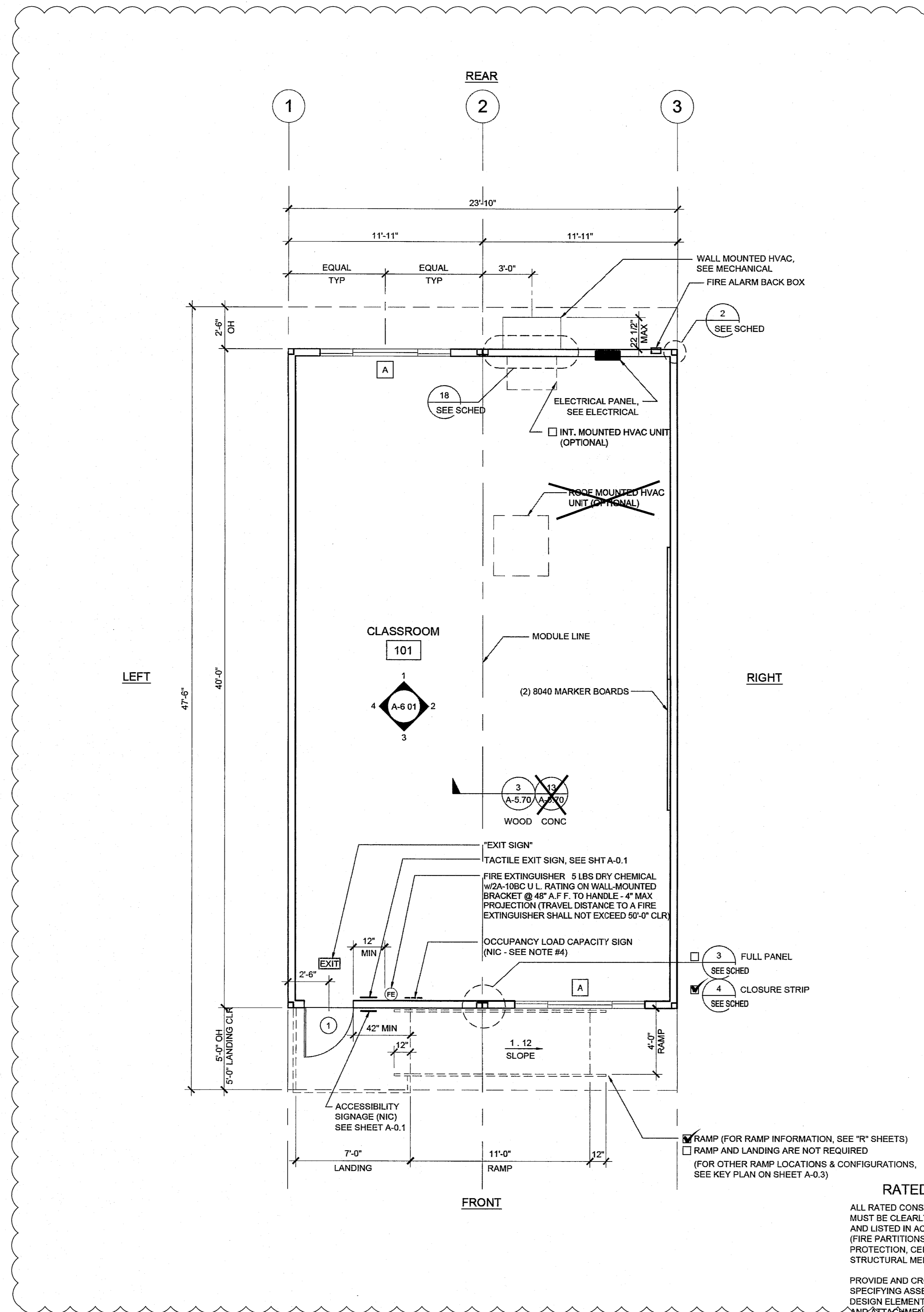
PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS - FLS - SS RAE
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL
 PRE-CHECKED (NO DOCUMENT CODE 010) (SIC CODE 010) (SIC CODE 010) (SIC CODE 010)
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 ACS - FLS - SS RAE
 DATE AUG - 4 2015

REVISIONS

No.	Description

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH
 PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15
 P.C. SHEET NUMBER
A-0.6E



RATED CONSTRUCTION NOTES

ALL RATED CONSTRUCTION (BOTH VERTICAL AND HORIZONTAL) MUST BE CLEARLY DEFINED, CORRECTLY IDENTIFIED, DETAILED, AND LISTED IN ACCORDANCE WITH CBC CHAPTERS 3, 5, 6, 7 & 10 (FIRE PARTITIONS, BARRIERS, WALLS, SHAFTS, EGRESS PROTECTION, CEILINGS, OPENING PROTECTION, PENETRATION, STRUCTURAL MEMBERS, ETC.)

PROVIDE AND CROSS-REFERENCE INSULATION DETAILS, SPECIFYING ASSEMBLY LISTING NUMBERS FOR ALL REQUIRED DESIGN ELEMENTS, INCLUDING ALL COMPONENTS AND ATTACHMENT SCHEDULE FOR FIRE-RESISTIVE MATERIALS TO THE FRAMING, SHALL CONFORM IN EVERY PARTICULAR WITH THE DESIGN NUMBER SPECIFIED

PROVIDE AND CROSS-REFERENCE CONNECTION DETAILS AT ALL WALL TERMINATIONS (HEAD, BASE AND END) DEMONSTRATING CONTINUITY PER CBC 706.5

PROVIDE AND CROSS-REFERENCE DETAILS OF ALL PENETRATIONS & OPENING PROTECTION IN RATED ASSEMBLIES

COORDINATE PENETRATION PROTECTION REQUIREMENTS WITH ALL DESIGN ELEMENTS (ELECTRICAL, MECHANICAL, PLUMBING, STRUCTURAL, FIRE ALARMS, SPRINKLERS, ETC.)

NOTES

- PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE (PER IR-16-13)
 - (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED, EXPOSURE CATEGORY, Kzt = 1.0, 2013 CBC, DESIGN CLIMATE ZONE, SEISMIC PARAMETER Ss
- VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY WITH CBC SECTION 803.7.
- LOCATIONS OF DOORS AND WINDOWS MAY VARY PER JOB (IF THE NUMBER OF WINDOWS INCREASE, A NEW TITLE 24 SHALL BE SUBMITTED TO DSA)
- POSTING OF OCCUPANCY LOAD SIGNS SHALL COMPLY WITH CBC 1004.3 & TITLE 19 C.C.R. (NOT IN MODULAR MANUFACTURER'S SCOPE OF WORK)
- IF BUILDING IS TO BE RELOCATED, SEE RELOCATION SHEETS REL-101 & REL-102.
- FOR BUILDINGS THAT ARE MANUFACTURED IN-PLANT, THE IN-PLANT INSPECTOR IS TO ATTACH A VERIFIED REPORT INSIDE EACH BUILDING, WHICH SHALL INDICATE THE MANUFACTURER'S NAME AND THE SERIAL NUMBER FOR EACH BUILDING MODULE AS WELL AS THE DSA FILE AND APPLICATION NUMBERS, PER IR-16-13

DETAIL SCHEDULE

FINISH:	SHEET #:
<input checked="" type="checkbox"/> SIDING OVER WOOD STUDS	A-5 60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5 51
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5 60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5 61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5 52
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5 53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5 62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5 63

WALL LEGEND

- NOMINAL 4" WALL STUD
- NOMINAL 6" WALL STUD
- NOMINAL 8" WALL STUD
- WINDOW PER SCHEDULE SHEET A-0.2
- DOOR PER SCHEDULE SHEET A-0.2

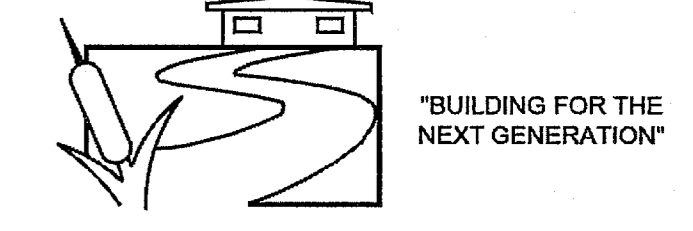
NOTE:
IF PARAPET IS USED & HIGHER THAN 18", END WALLS MUST BE 2x6 @ 24" O.C.

THIS PLAN MAY INCLUDE THE VARIOUS EXERCISABLE OPTIONS APPLICABLE TO THE PC SUCH AS PARTITION WALLS, PLUMBING, ETC. FOR REFERENCE PURPOSES OPTIONS CAN BE APPLIED AS REQUIRED TO THE PC'S BUILDING SIZES

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119509 INC.
REVIEWED FOR
SS FLS ACS
DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.



SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
**FLOOR PLAN
24' x 40'**



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS SS RAF
DATE: MAY 1 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
ACS FLS SS RAF
DATE: AUG 4 2015

REVISIONS

NO.	DESCRIPTION

SILVER CREEK INDUSTRIES
24' x 40' PC - 2 12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15

P.C. SHEET NUMBER
A-1.01

REFER TO SHEET "A-1.01N" FOR PROJECT SPECIFIC

NOT USED

2

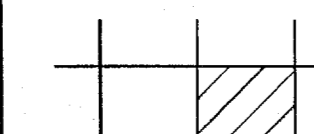
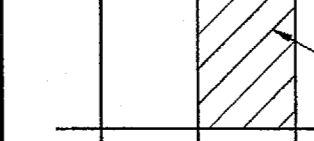
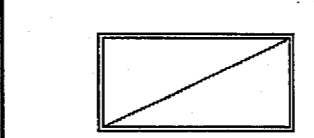
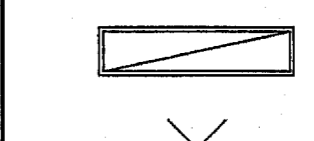
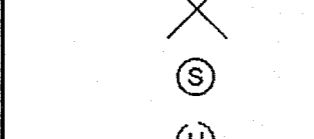
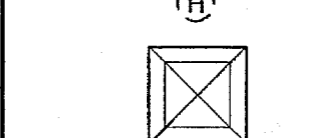
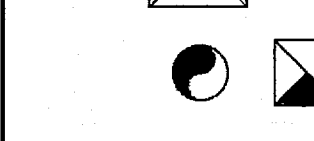
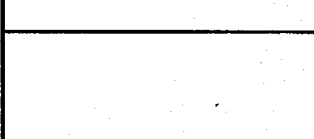
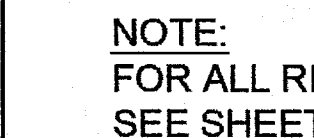
NOT USED

3

REFLECTED CEILING PLAN

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

LEGEND

-  T-BAR CEILING
-  FIELD INSTALLED PANEL AT MODULE LINE
-  2' x 4' RECESSED LIGHT FIXTURE
-  "OPTIONAL" 1' x 4' RECESSED LIGHT FIXTURE
-  SPLAY WIRE
-  CEILING MOUNTED SMOKE DETECTOR
-  ATTIC MOUNTED HEAT DETECTOR
-  SUPPLY AIR REGISTER
-  CEILING EXHAUST FAN

NOTE:
FOR ALL REFLECTED CEILING NOTES
SEE SHEET A-0.1.

PROVIDE DRAFT STOP AT AREAS
EXCEEDING 3,000 sq/ft. DRAFT STOP
TO BE INSTALLED AT MODLINE.

COORDINATE VAULTED CEILING
OPTION W/ FIRE SPRINKLER DESIGN.

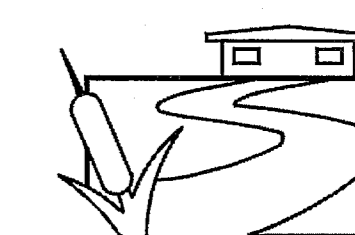
T-BAR SCHEDULE

ARMSTRONG PART NUMBERS ICC-ES ESR-1308
 MAIN RUNNER: 7301
 4" CROSS TEE: XL7341
 2" CROSS TEE: XL7328
 STANDARD 7/8" WALL ANGLE WITH BERC-2 CLIP (ICC #ESR-1308)
 FOR DETAILS SEE 18, 19/A-2.20.
 2" WALL ANGLE: 7810 (OPTIONAL)

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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.



SILVER CREEK

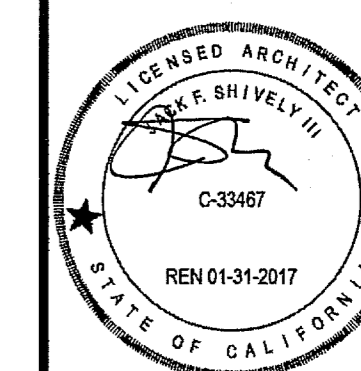
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE
OFFICE BUILDING

SHEET TITLE:

REFLECTED CEILING
PLAN
24' x 40' - VAULTED CEILING



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RRF
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
 CODE 2014 030
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC FLS SS RRF
 DATE: AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:

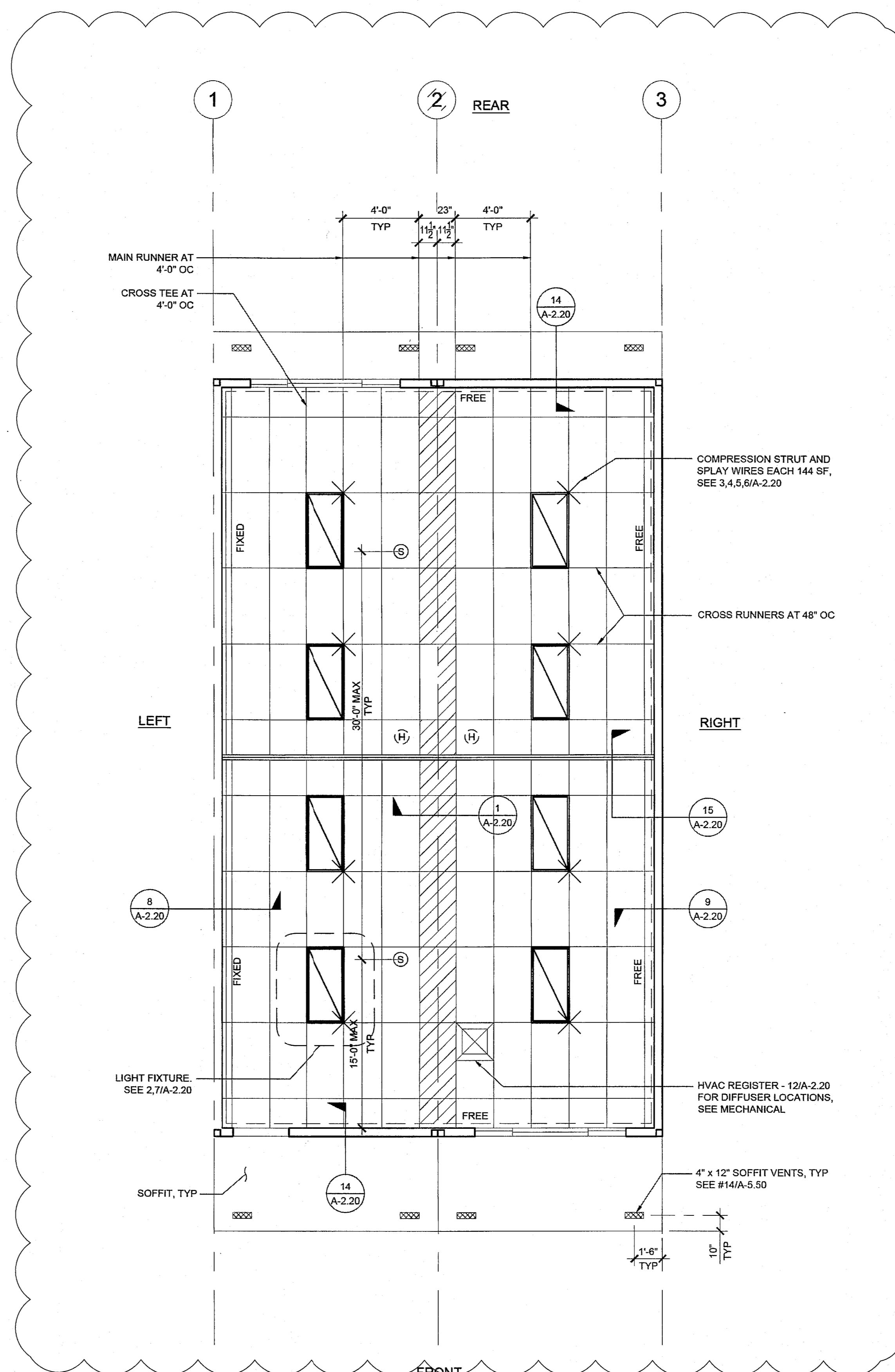
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SCALE: AS NOTED

DATE: 01-30-15

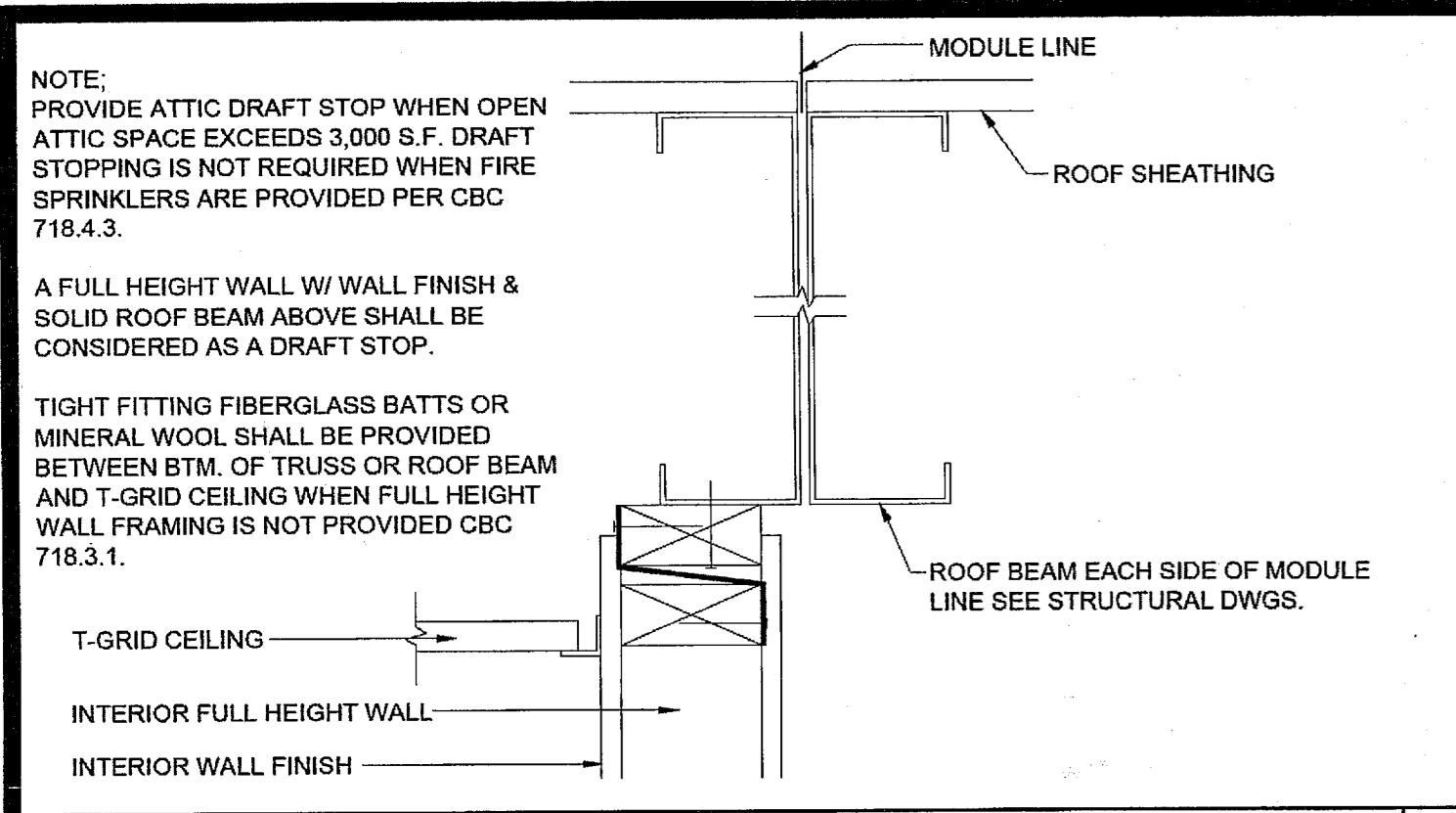
P.C. SHEET NUMBER

A-2.11

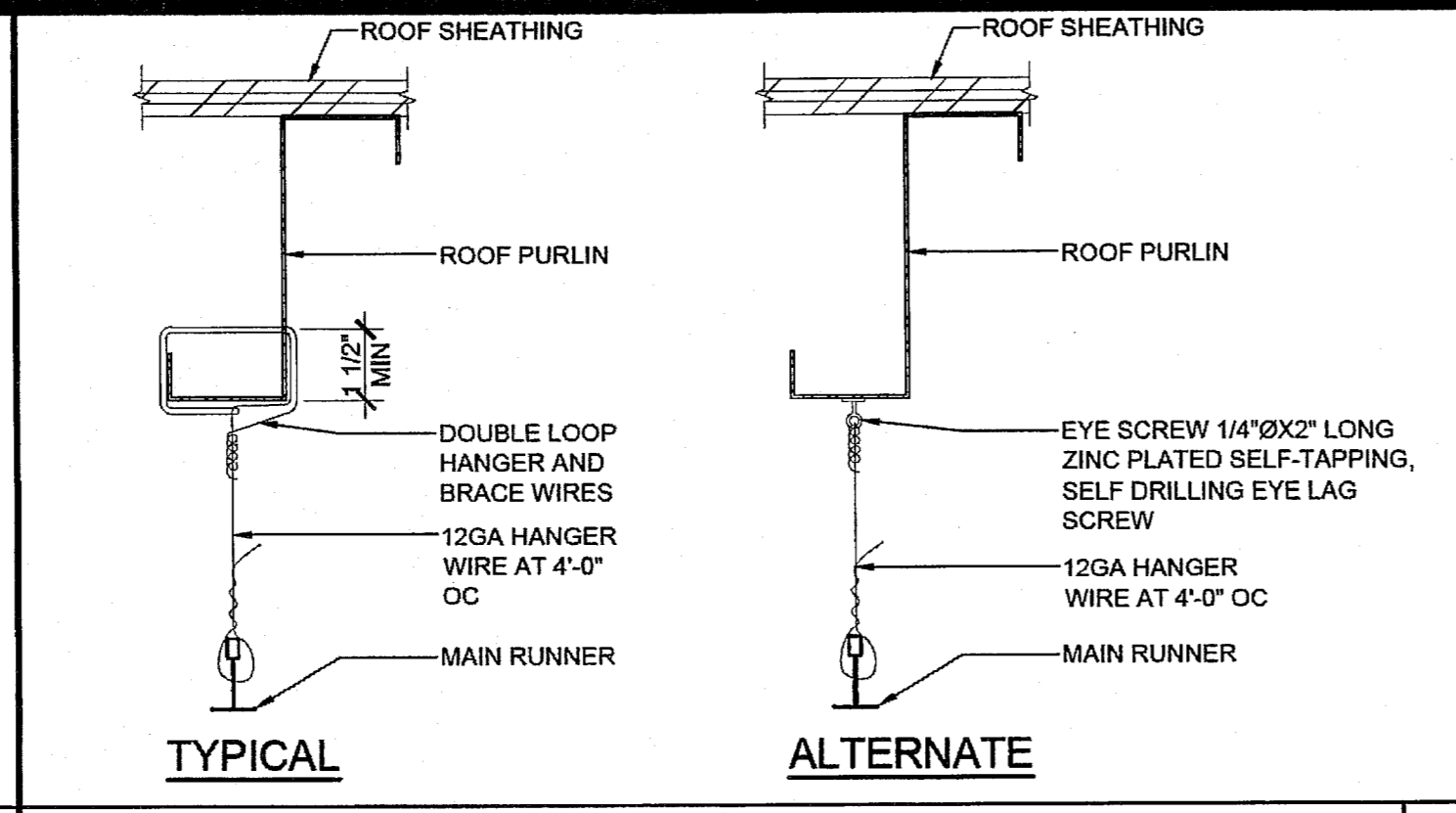


NOTE:
CEILING TO BE 8'-6" AFF (UNO)

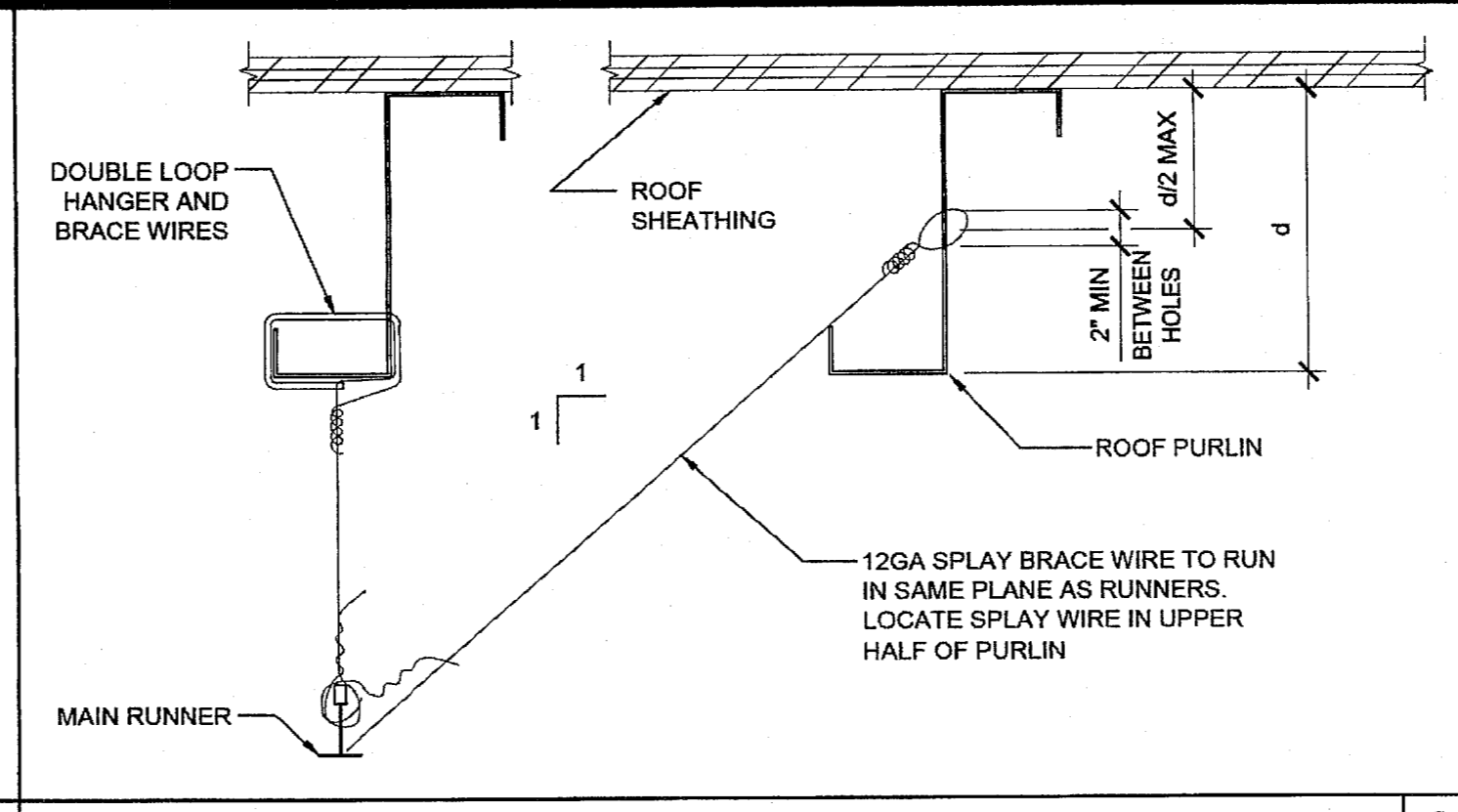
REFER TO SHEET "A-2.11N" FOR PROJECT SPECIFIC



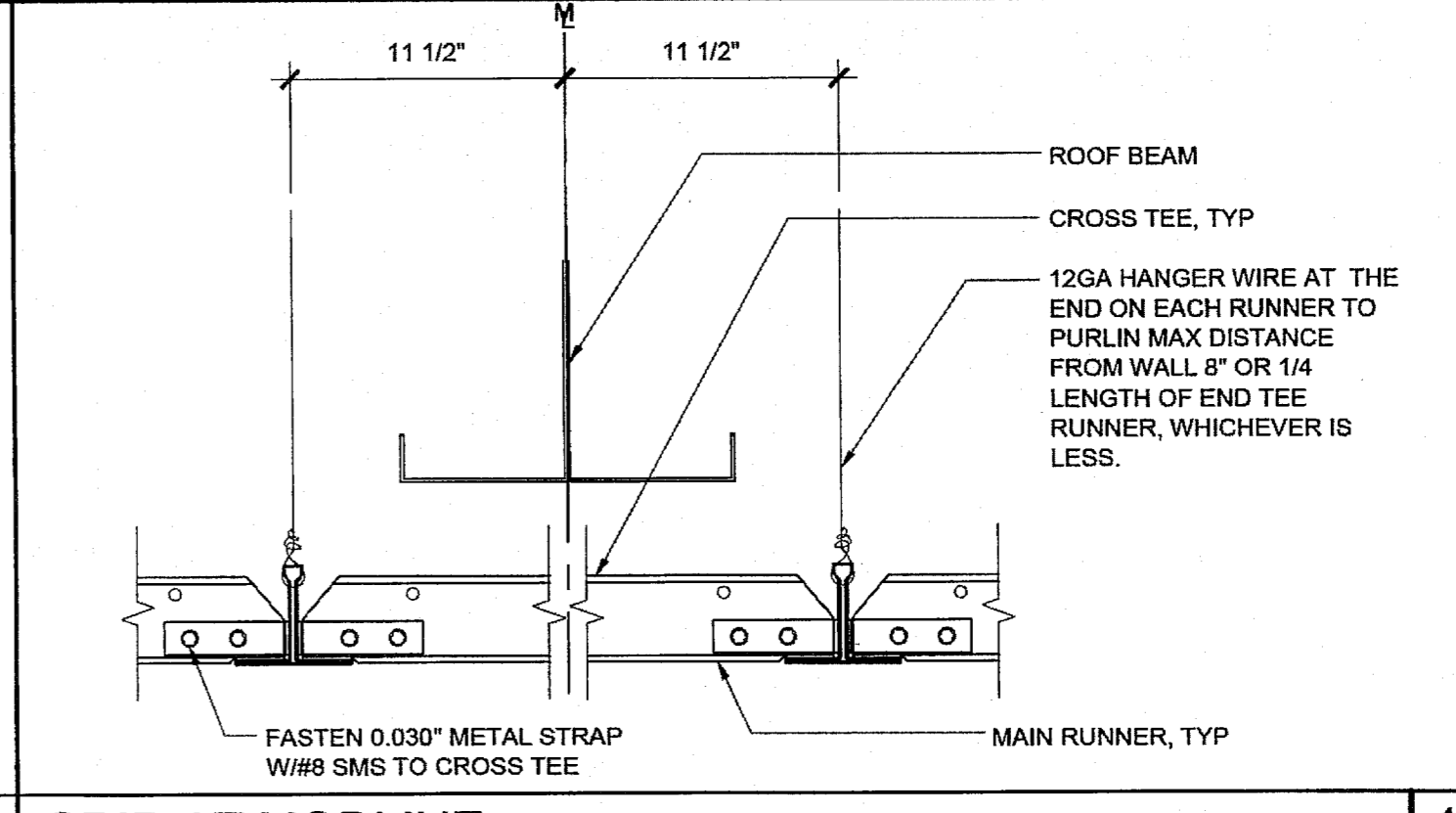
ATTIC DRAFT STOP SCALE: N.T.S. 16



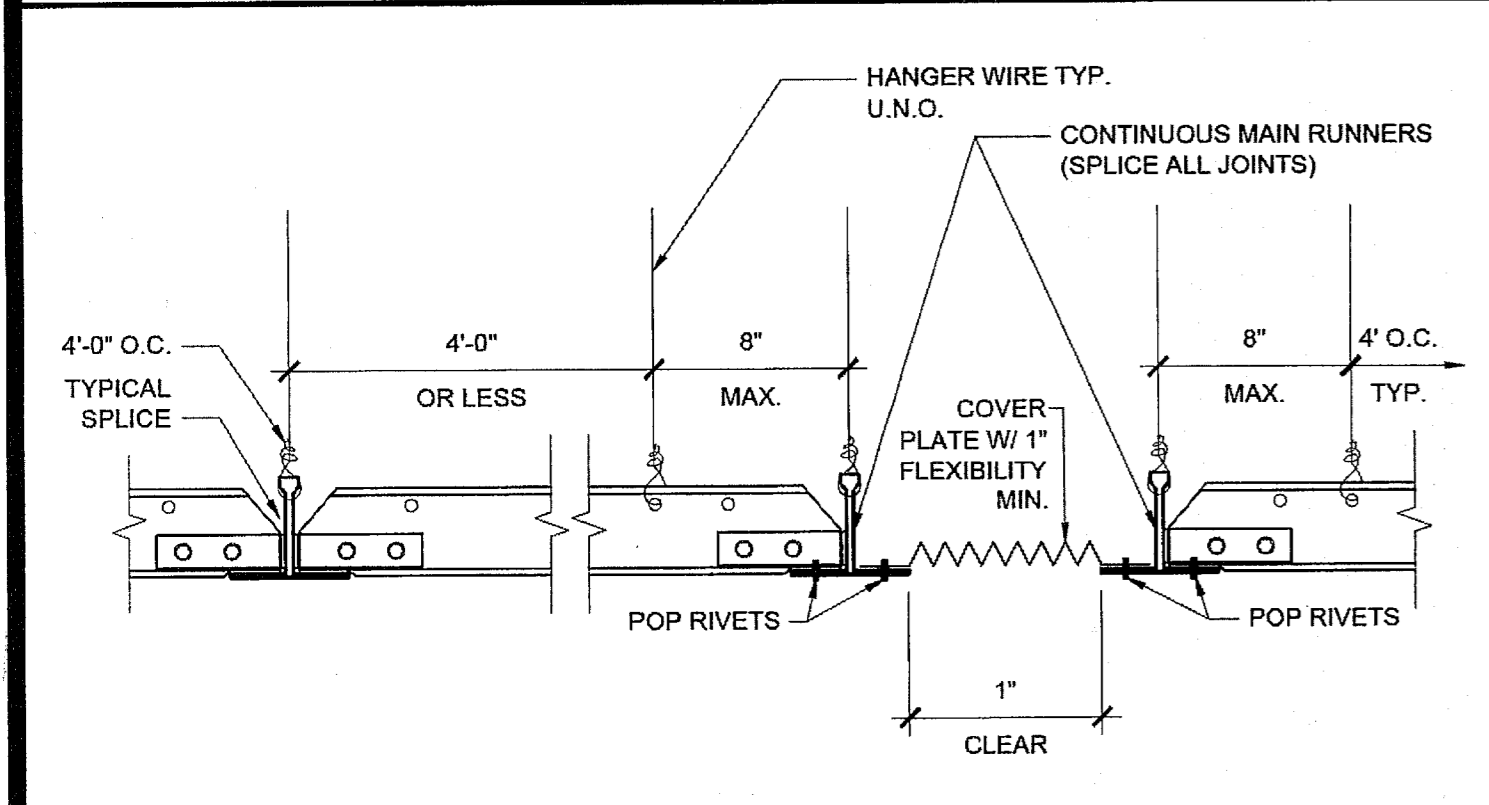
HANGER WIRE DETAIL SCALE: 3"=1'-0" 11



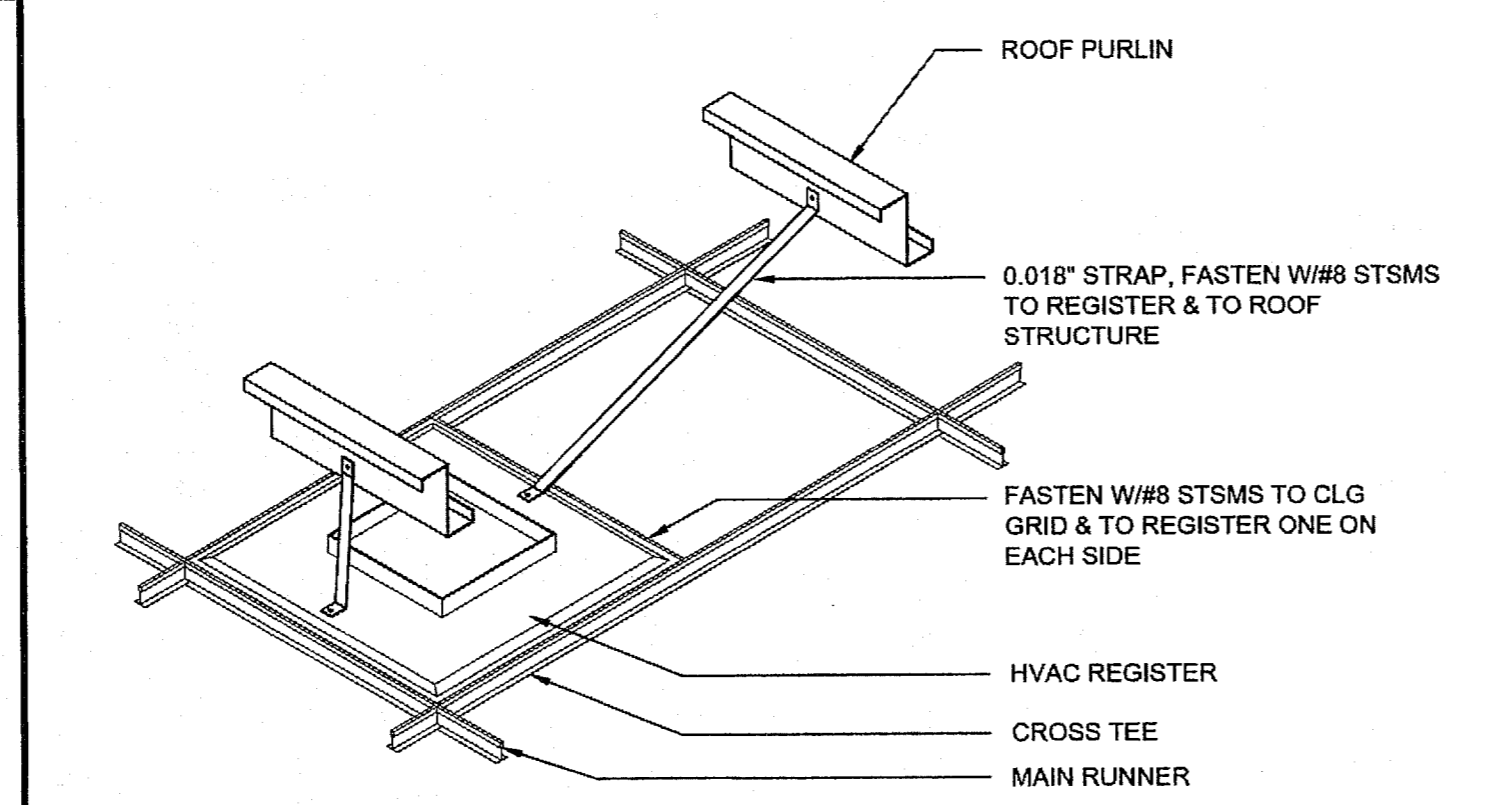
SPLAY BRACING WIRE SCALE: 3"=1'-0" 6



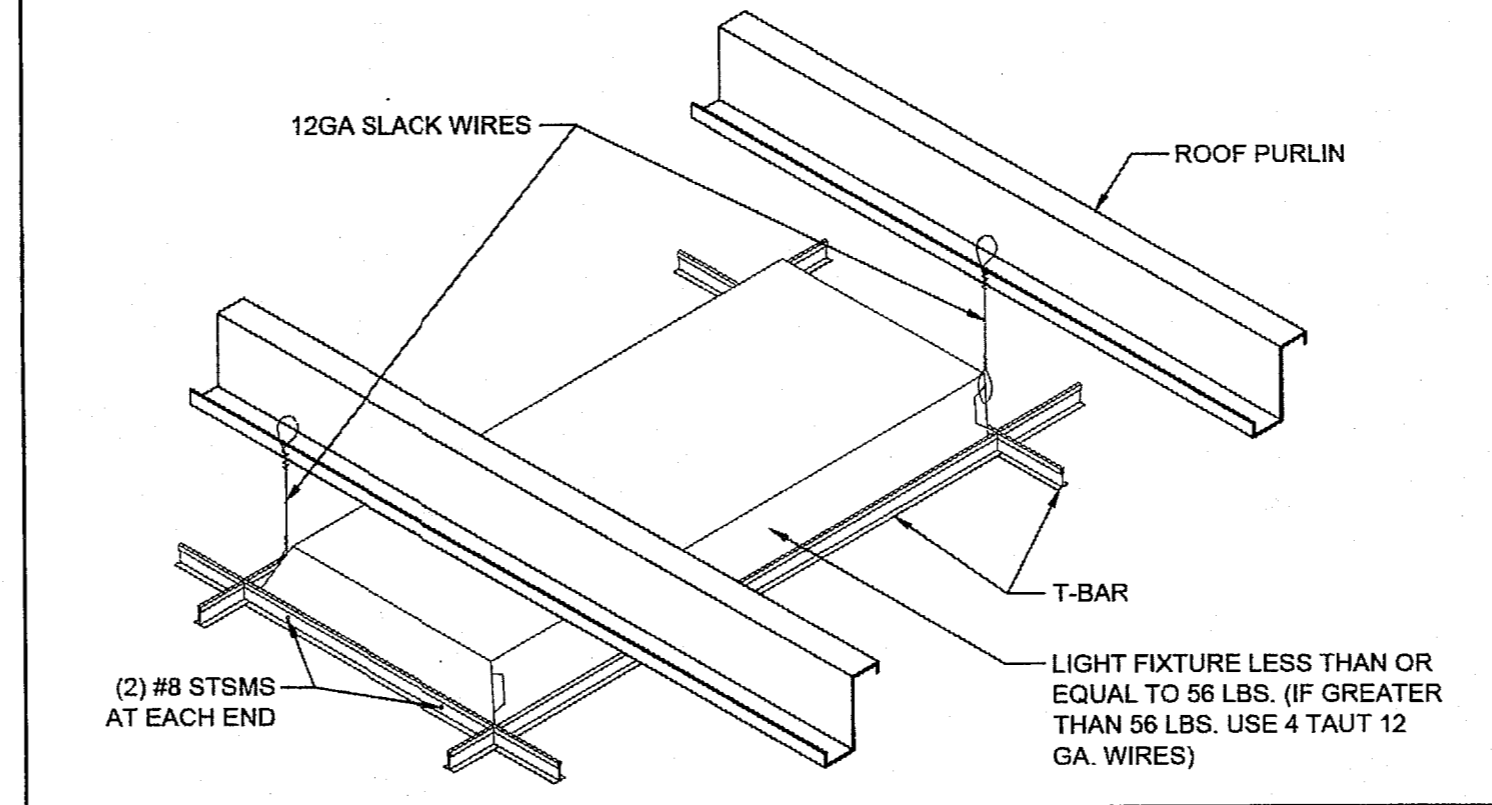
GRID AT DMSLINE SCALE: 3"=1'-0" 1



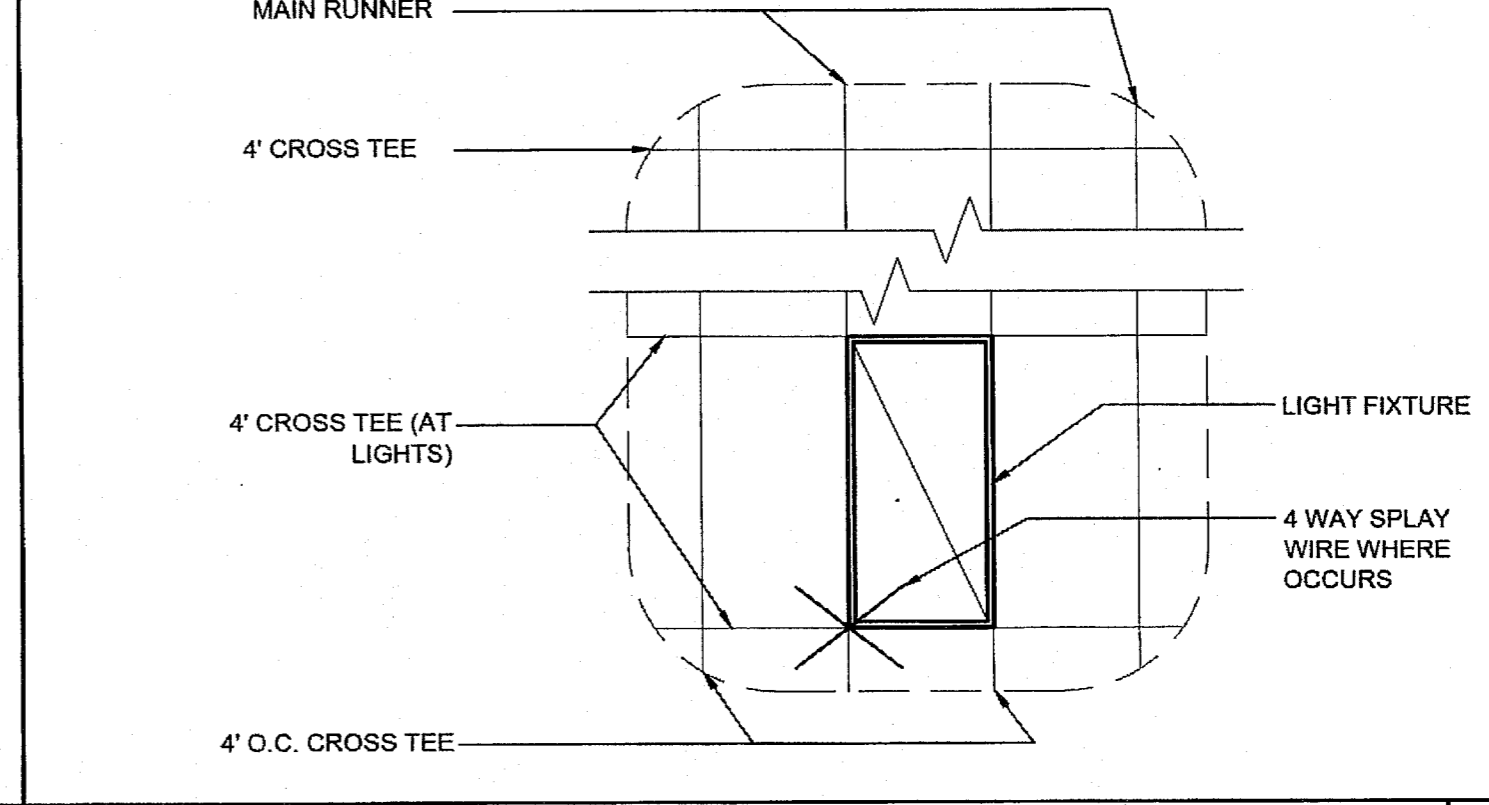
GRID SEISMIC SEPARATION JOINT SCALE: 3"=1'-0" 17



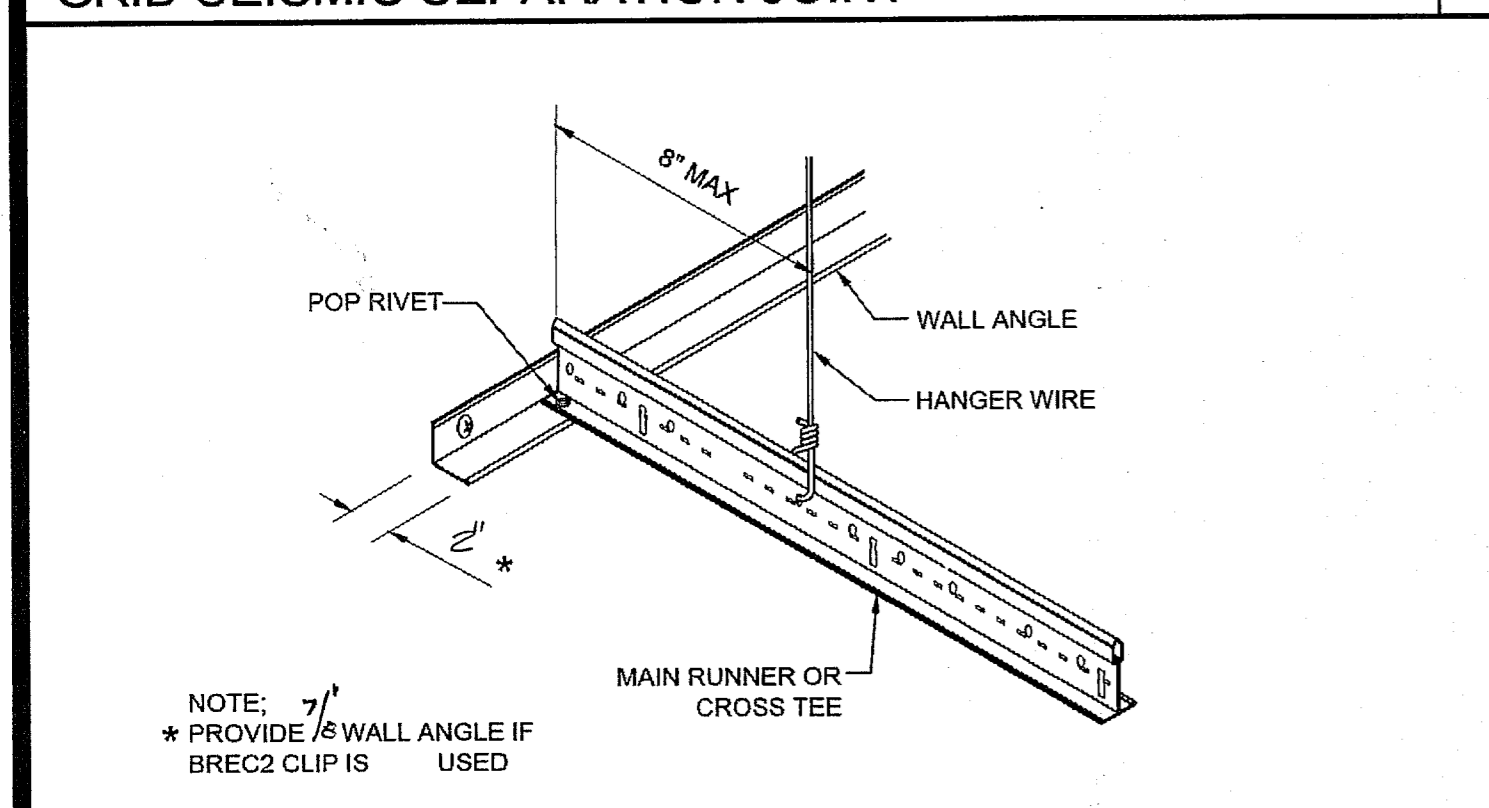
HVAC REGISTER MOUNTING SCALE: NTS 12



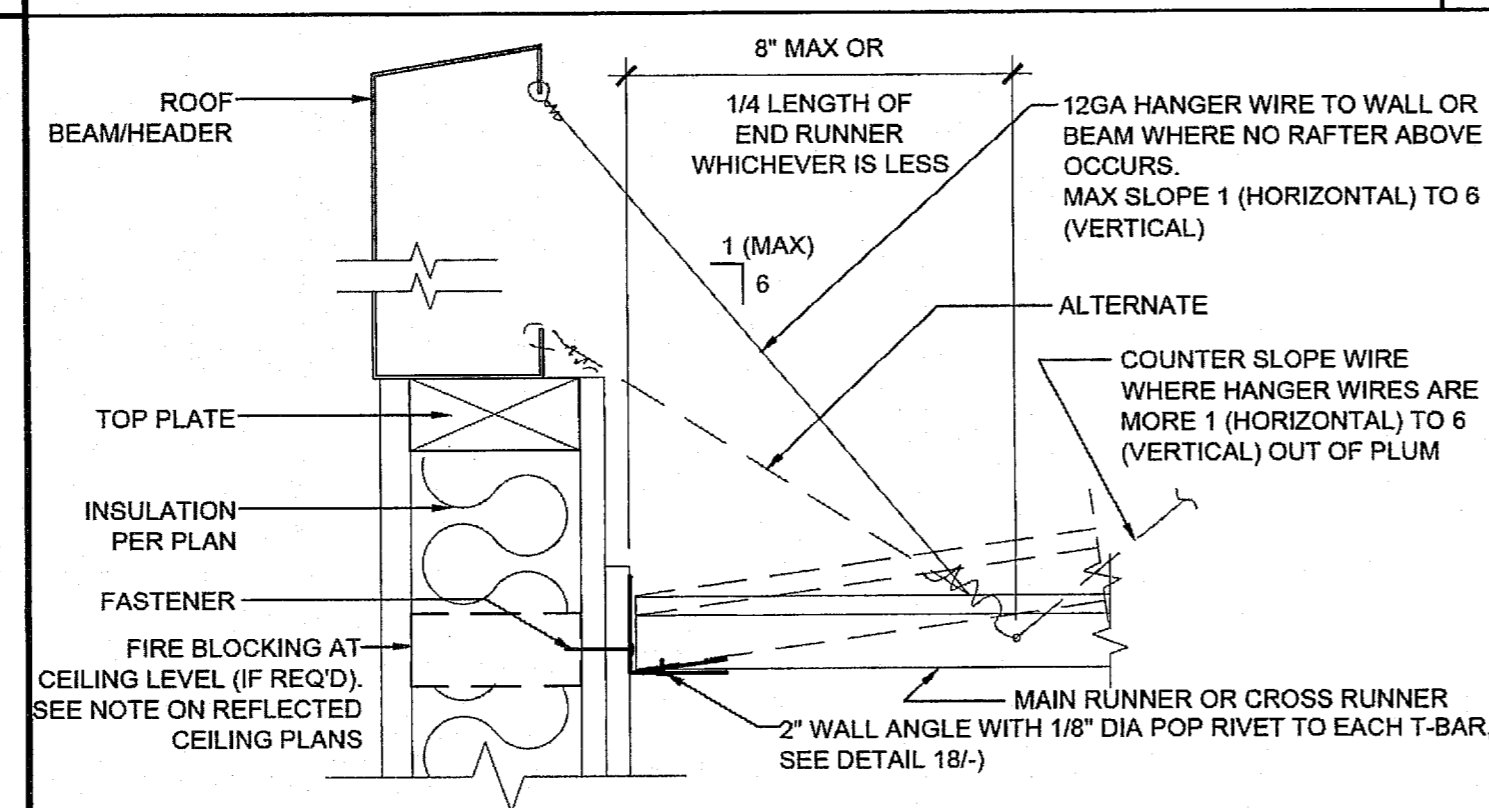
LIGHT FIXTURE MOUNTING SCALE: NTS 7



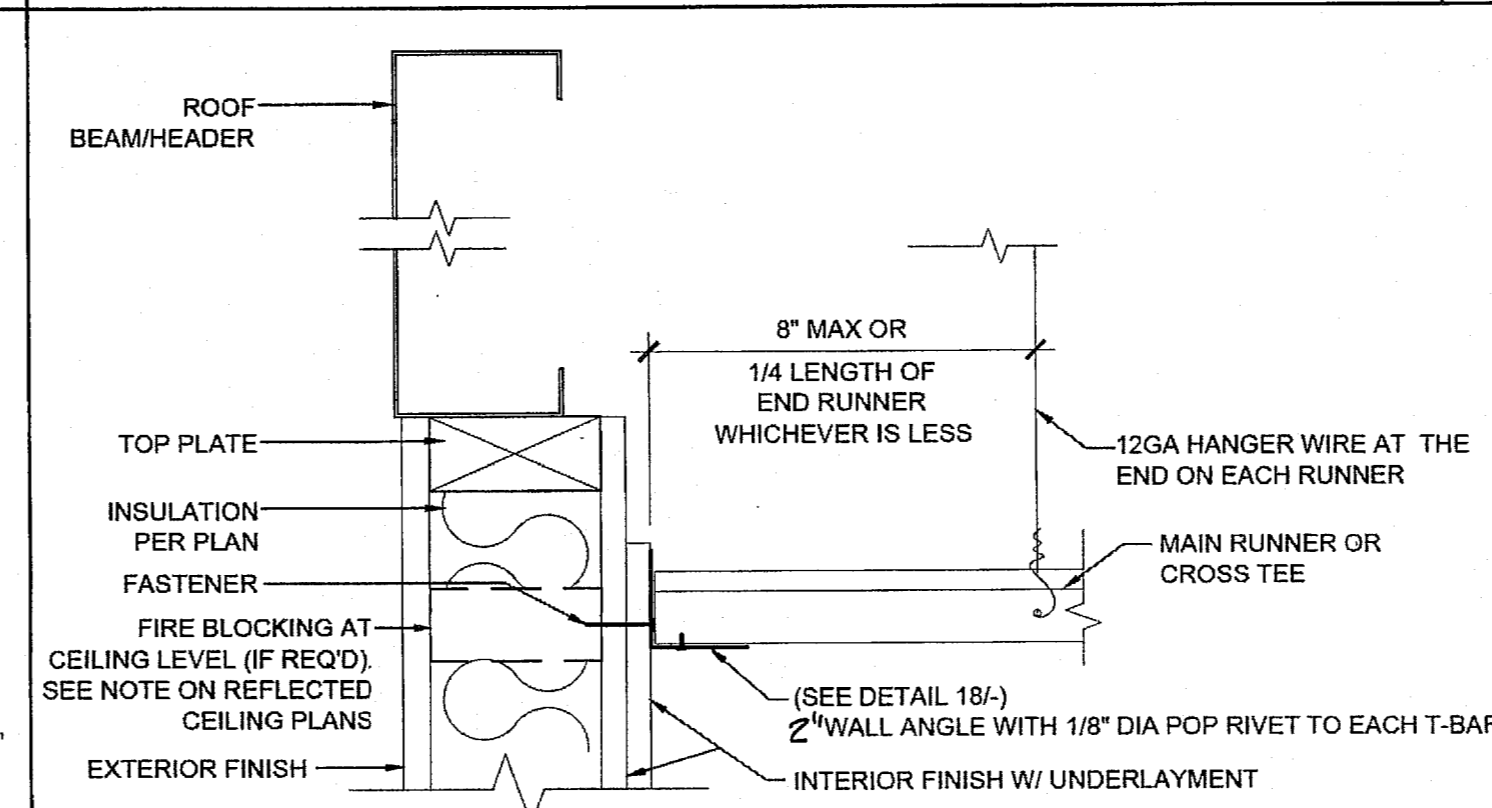
4' CROSS TEE AT LIGHTS SCALE: 3/8"=1'-0" 2



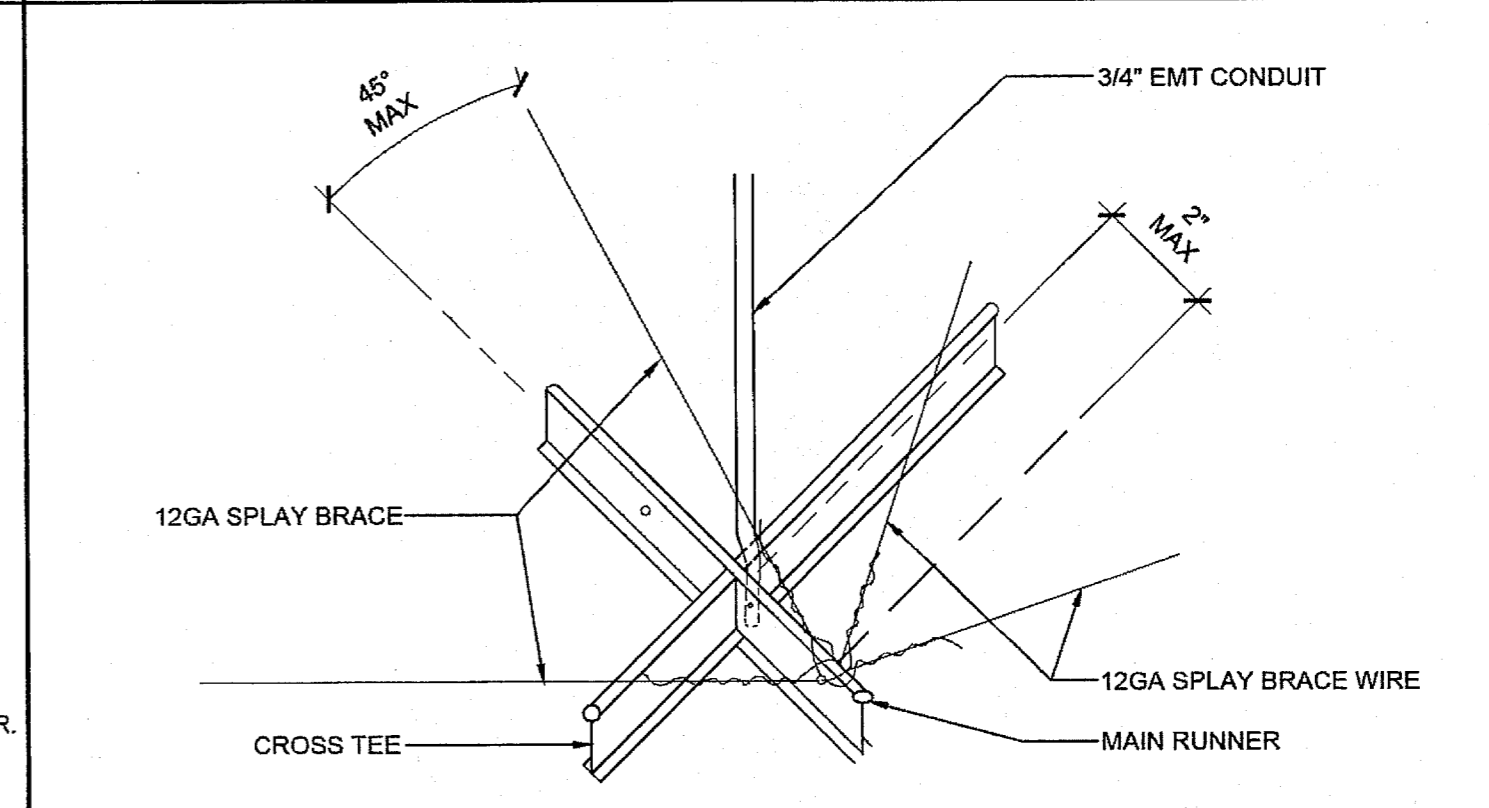
FIXED SIDE SCALE: NTS 18



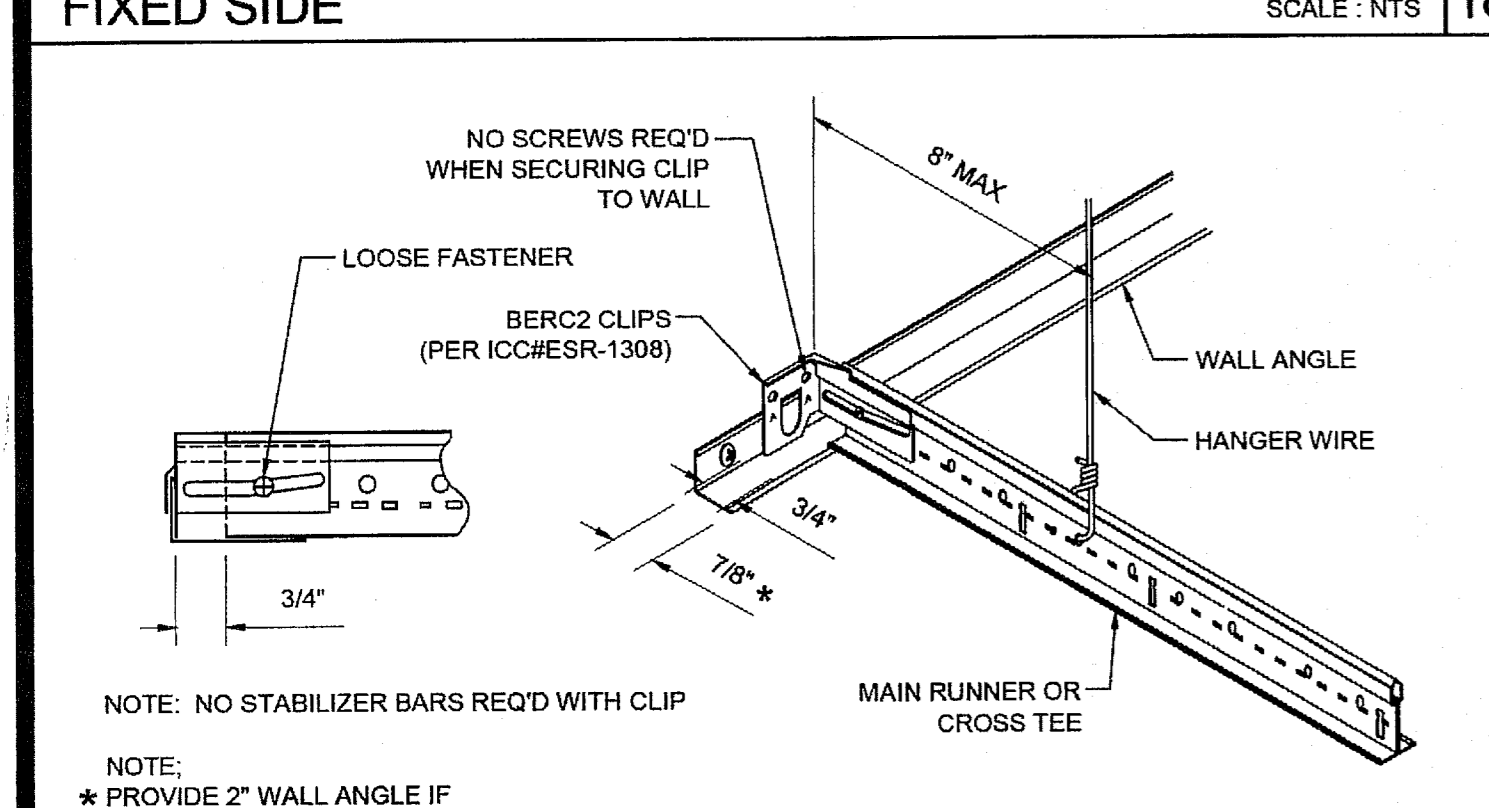
FIXED SIDE (ENDWALL) SCALE: 3"=1'-0" 13



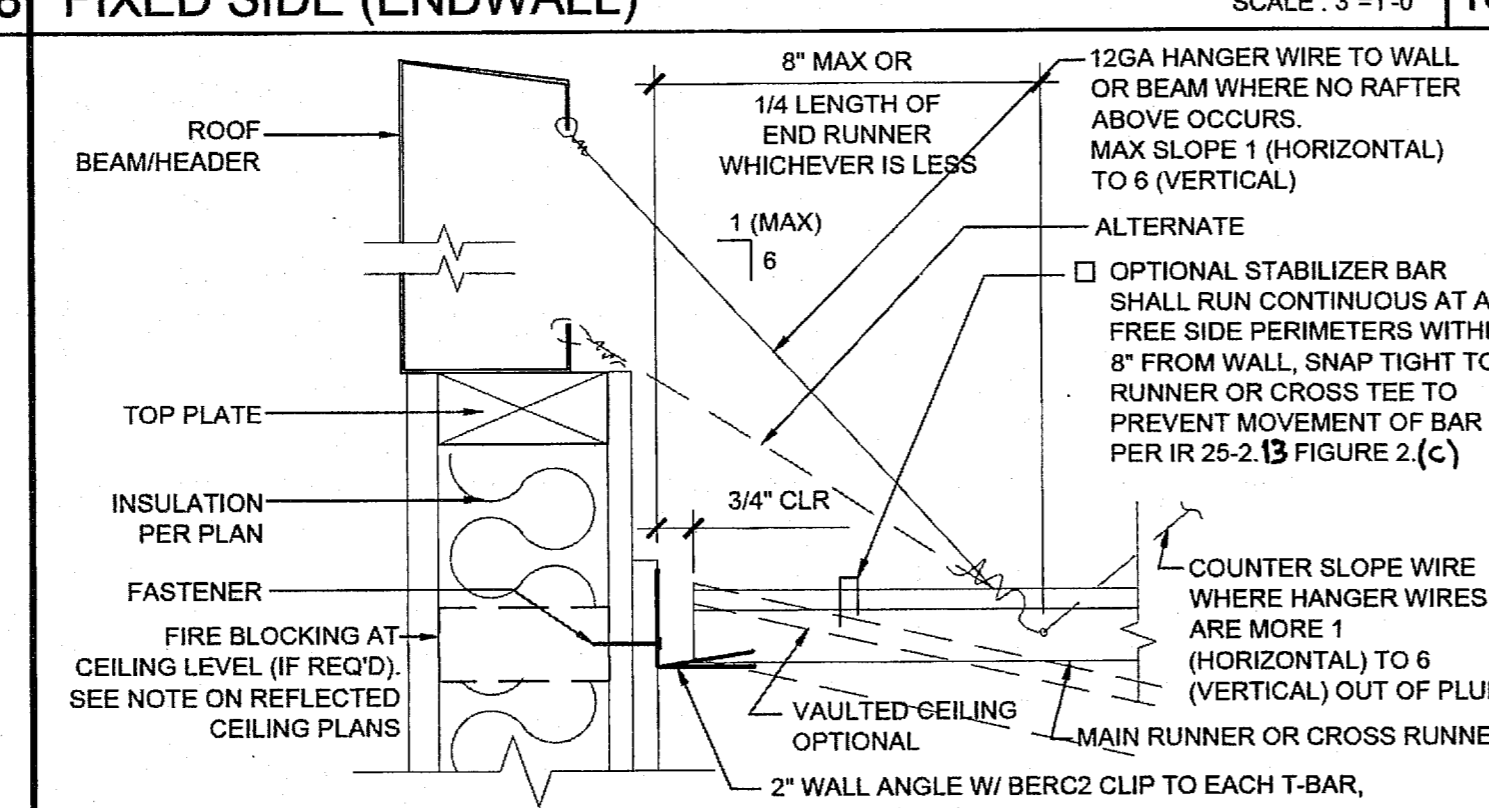
FIXED SIDE (SIDEWALL) SCALE: 3"=1'-0" 8



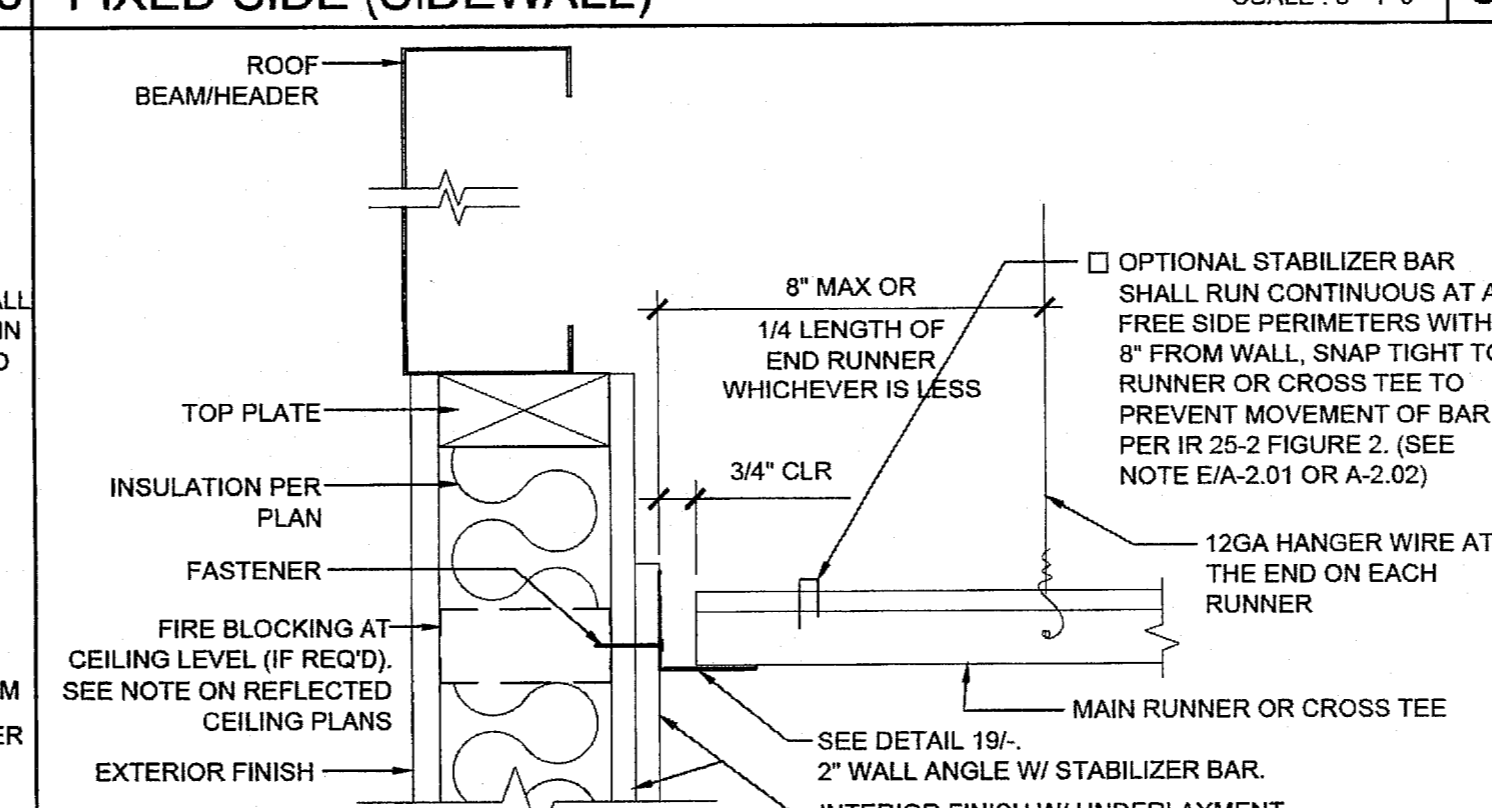
SEISMIC SPLAY - 4 WAY SCALE: NTS 3



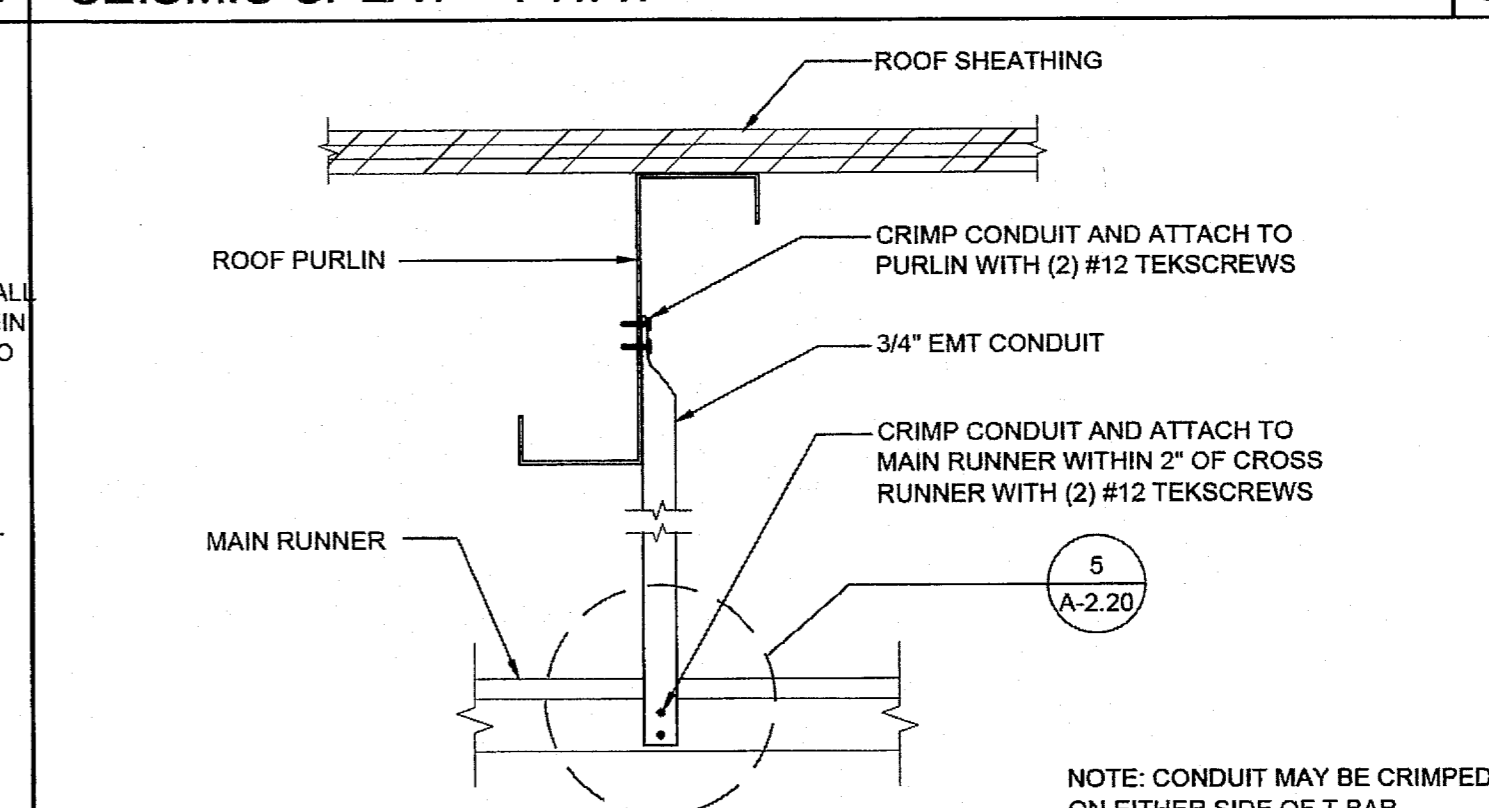
FREE SIDE SCALE: NTS 19



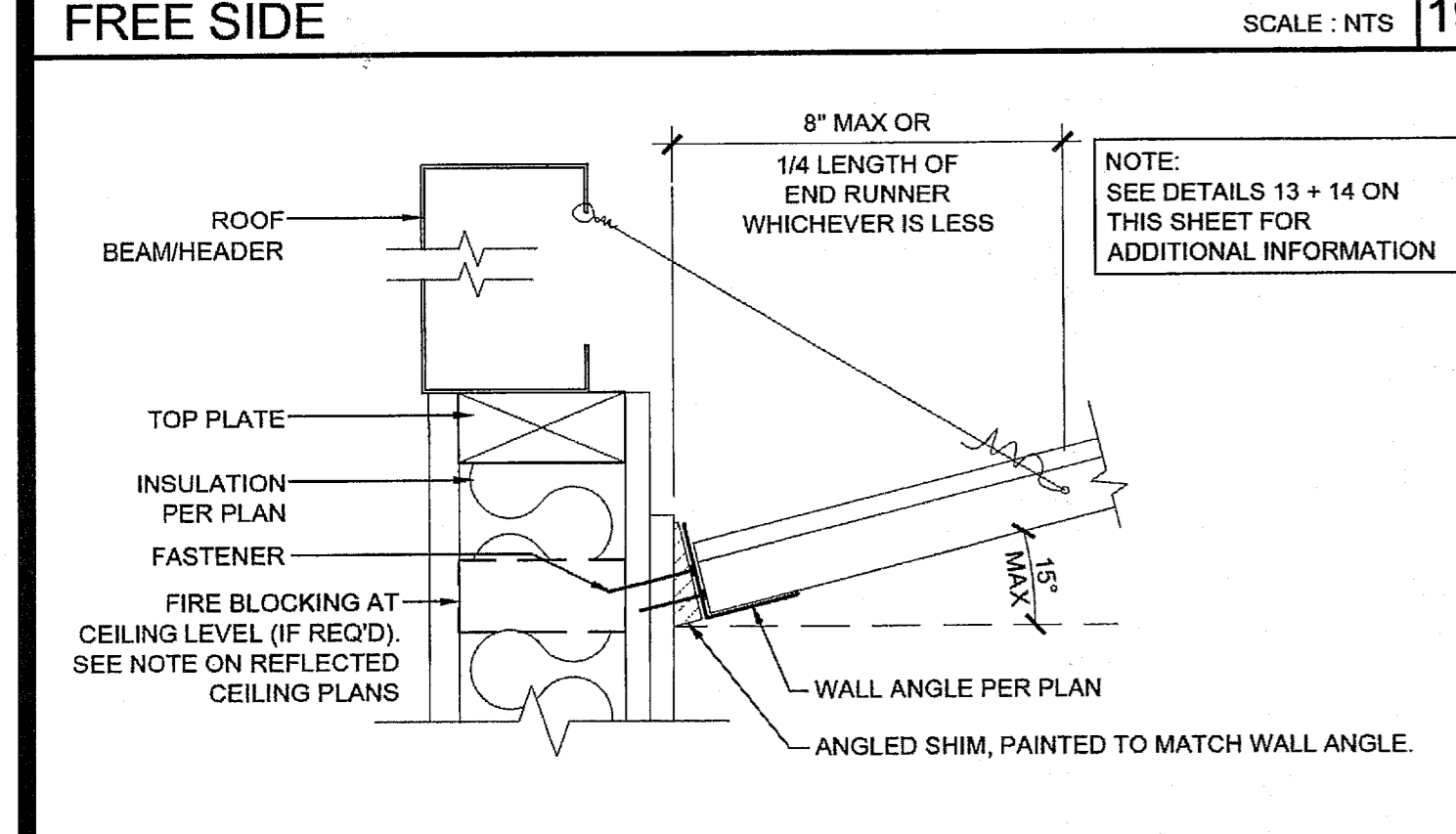
FREE SIDE (ENDWALL) SCALE: 3"=1'-0" 14



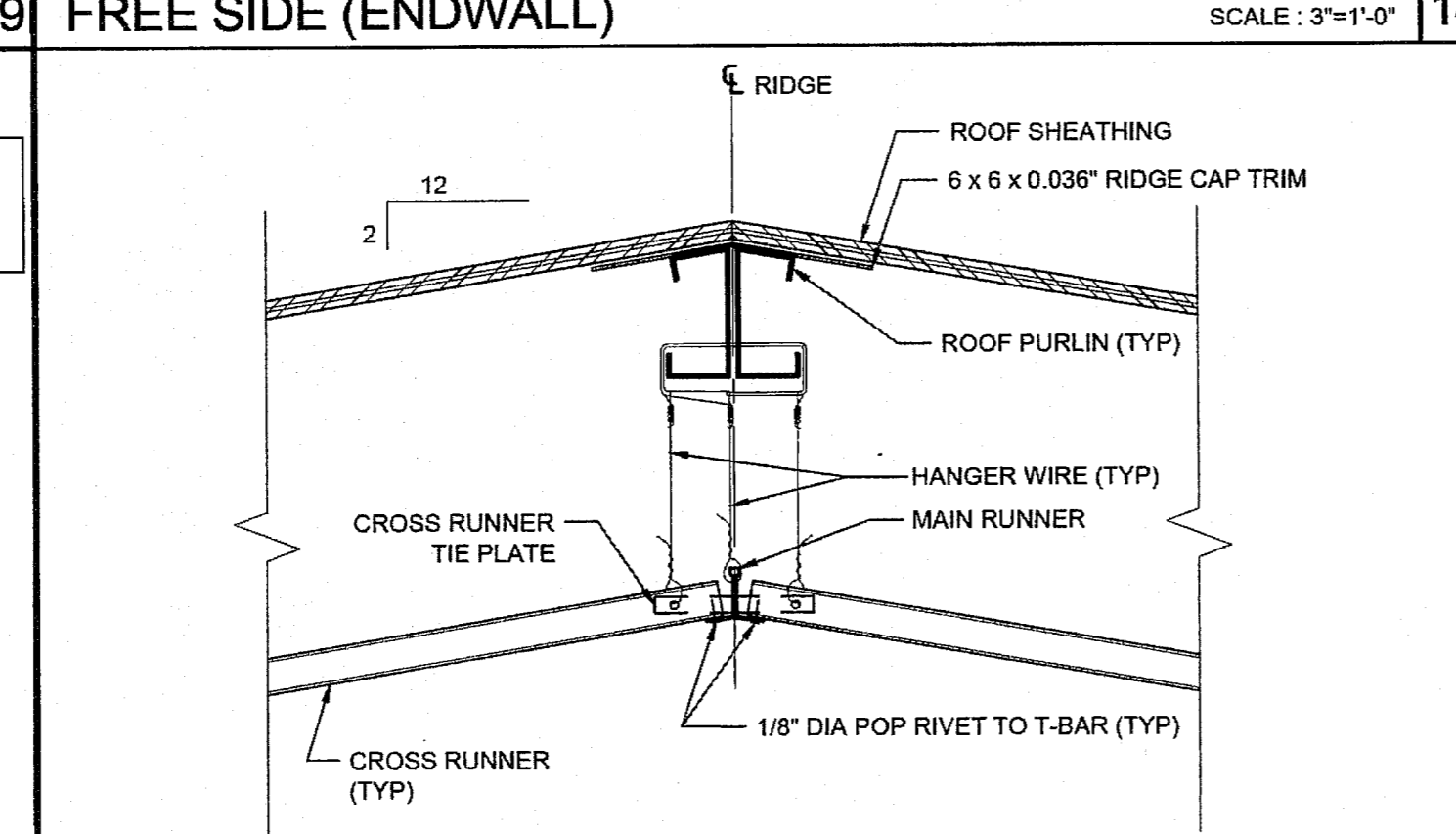
FREE SIDE (SIDEWALL) SCALE: 3"=1'-0" 9



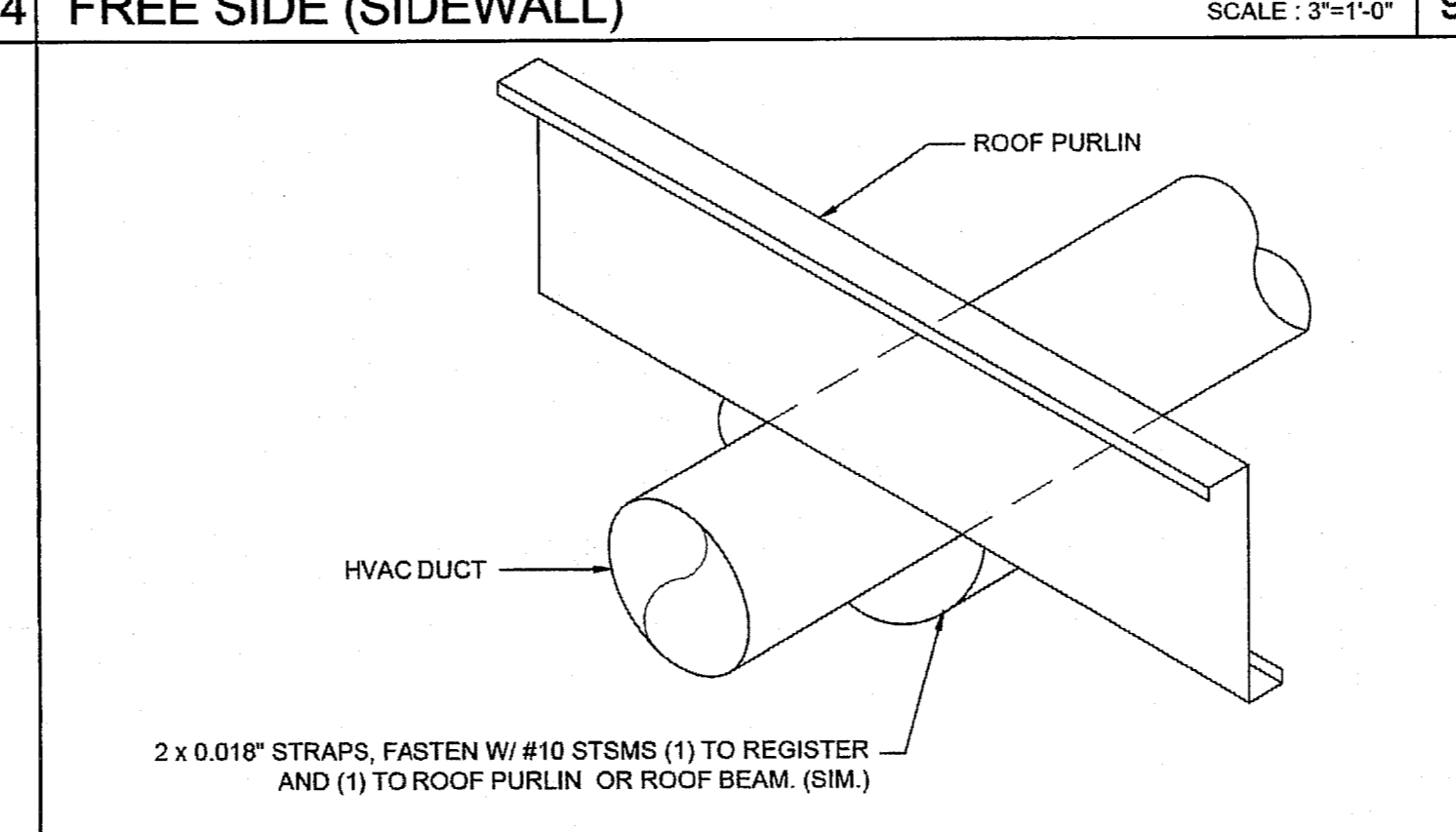
COMPRESSION STRUT SCALE: 3"=1'-0" 4



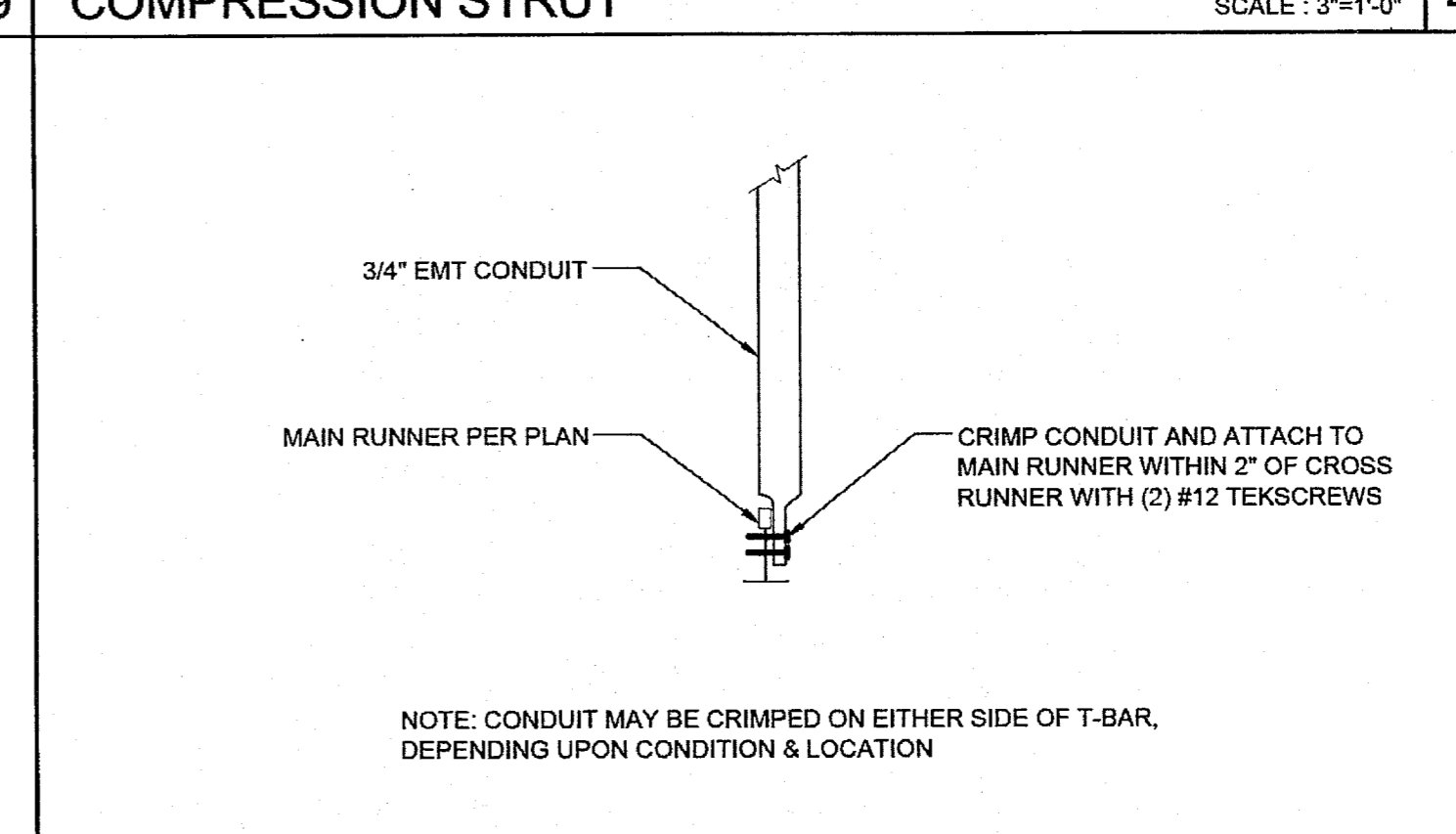
SLOPED CEILING (LOW SIDE) SCALE: 3"=1'-0" 20



VAULTED CEILING AT MODULE LINE SCALE: 1 1/2"=1'-0" 15



HVAC DUCTWORK MOUNTING SCALE: NTS 10



COMPRESSION STRUT SCALE: 3"=1'-0" 5

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APP. 03-119509 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
CEILING DETAILS T GRID



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS SS RNF
DATE MAY 18 2017

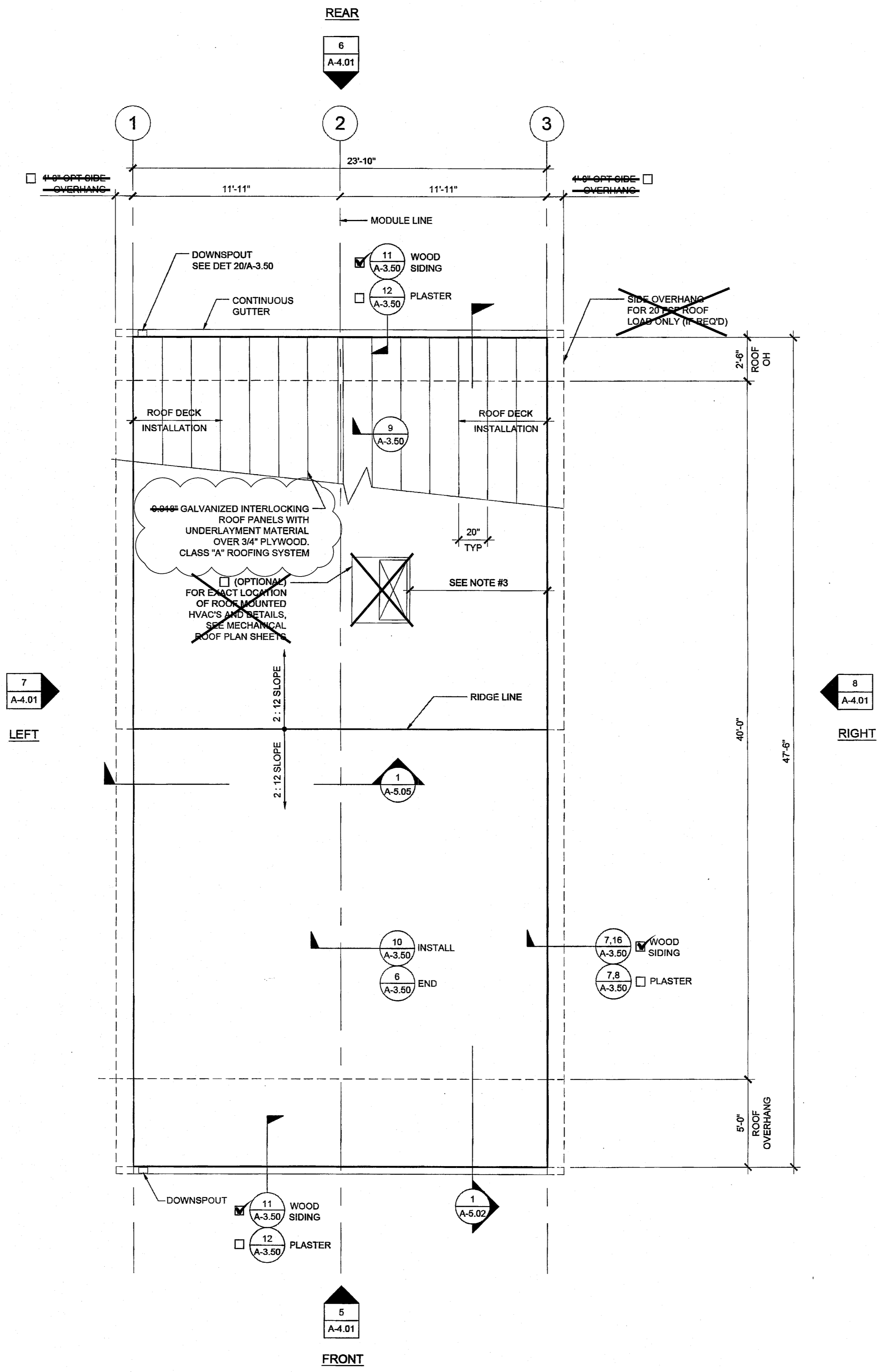
ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
AC FLS SS RNF
DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER

A-2.20



ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE

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

NOTES

- GROUP E OCCUPANCIES - BUILDINGS SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 1505.1 - CLASS A.
- LOCATIONS OF DRAFTSTOP AND/OR FULL HEIGHT PARTITIONS AS REQUIRED PER CBC-718.4.3 SHALL BE SHOWN ON PROJECT SPECIFIC PLANS LOCATED AT MODULE LINES.
- ALL ROOFTOP EQUIPMENT THAT REQUIRES SERVICE & ROOF ACCESS HATCHES MUST BE A MIN. OF 10'-0" AWAY FROM ALL ROOF EDGES TO OPENING EDGES OR PROVIDE 42" MIN. GUARDRAIL OR PARAPET. SEE 1815.2.50 CBC 2013 SECTIONS 1013.6 & 1013.7.
- FOR SPECIFIC DOWNSPOUT LOCATIONS FOR VARIOUS BUILDING SIZES, SEE KEY PLANS ON SHEET A-0.3. LOCATE ONE (1) DOWNSPOUT FOR EVERY THREE (3) MODULES (TYP)
- ANY BUILDING OVER 3,000 SQ/FT REQUIRES A DRAFT STOP UNLESS BUILDING IS EQUIPPED WITH FIRE SPRINKLERS.
- WHEN PARAPETS ARE REQUIRED BECAUSE OF FIRE SEPARATION REQUIREMENTS AND/OR PROJECT SPECIFICATIONS, PROVIDE PARAPET PER CBC SECT. 705.11

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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS [] FLS [] ACS []
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
 "BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ROOF PLAN
24'x40' - 0.018" METAL DECK
DUAL SLOPE

ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS - FLS - SS - RAF
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

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

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC - FLS - SS - RAF
 DATE AUG - 4 2015

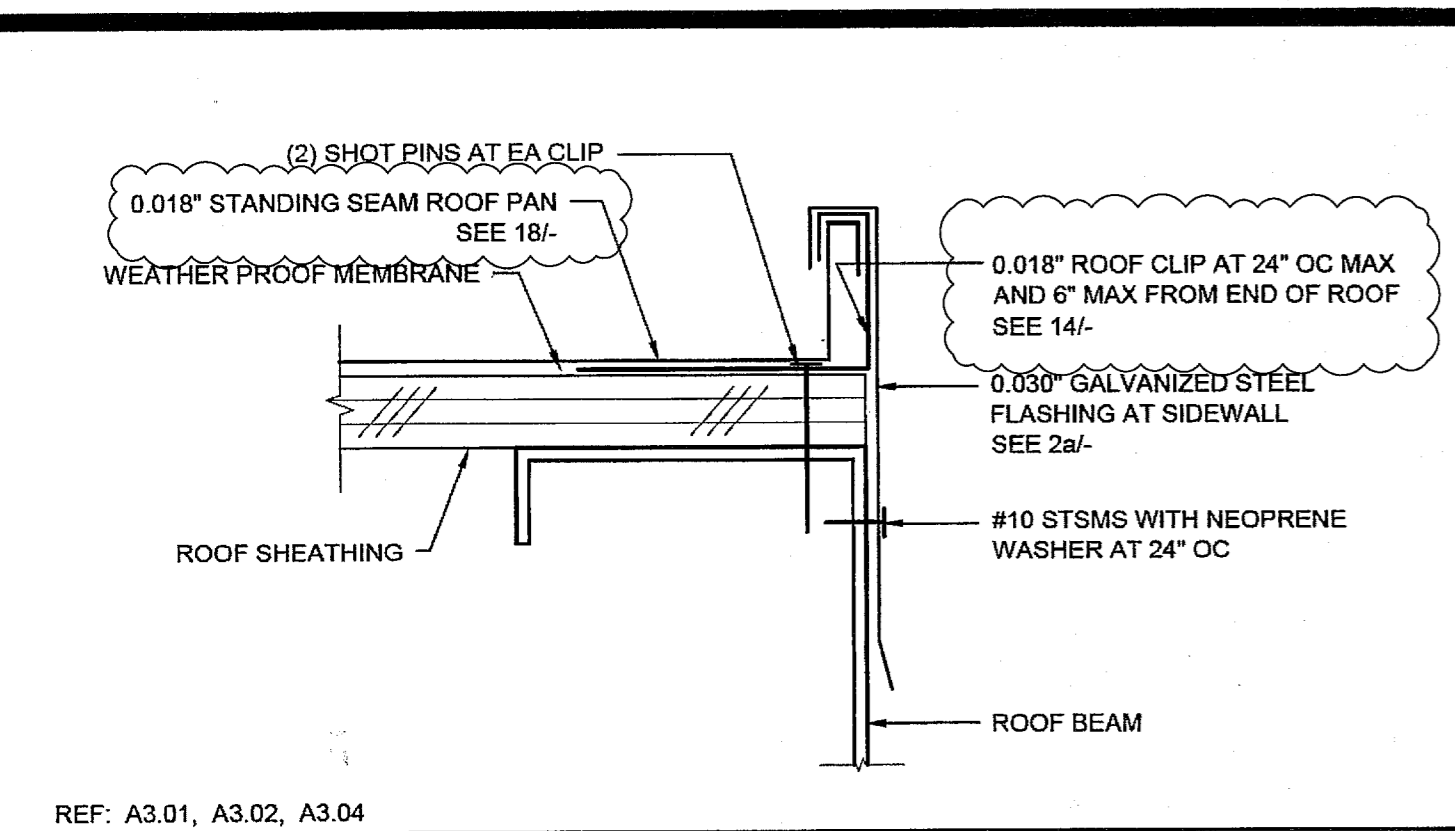
REVISIONS

SILVER CREEK INDUSTRIES
 24'x40' PC - 2:12 PITCH

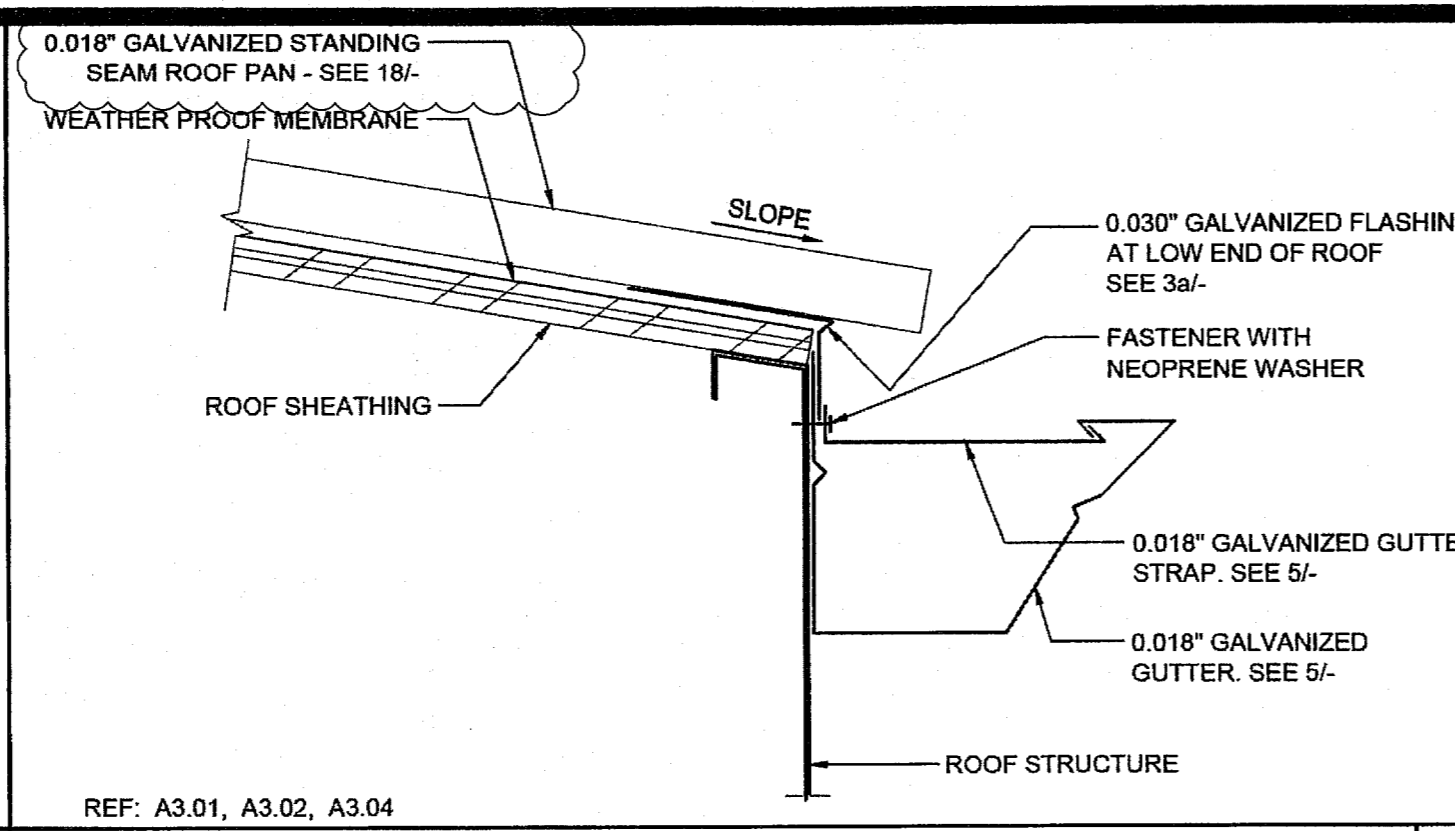
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
A-3.01

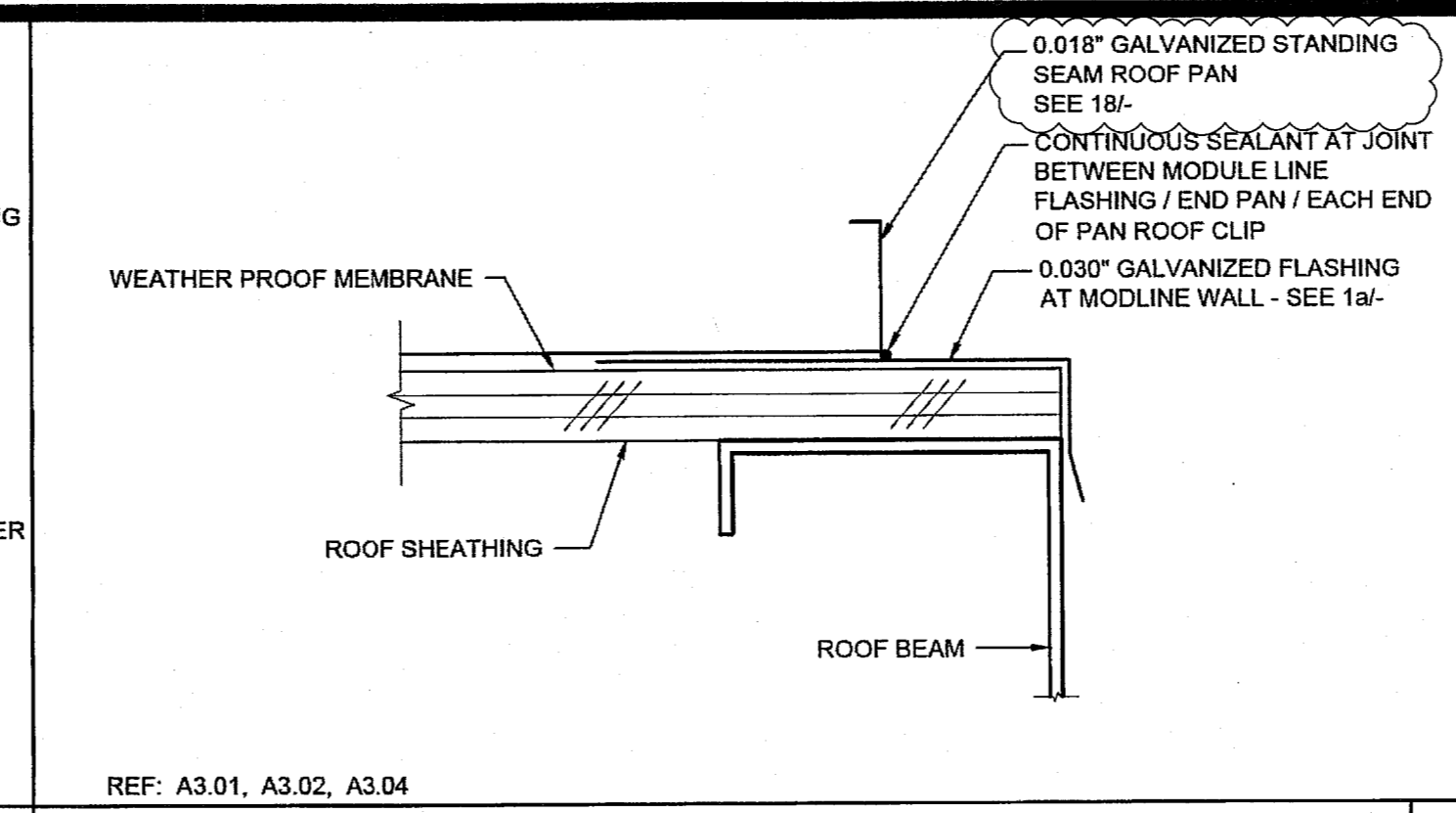
REFER TO SHEET "A-3.01N" FOR PROJECT SPECIFIC



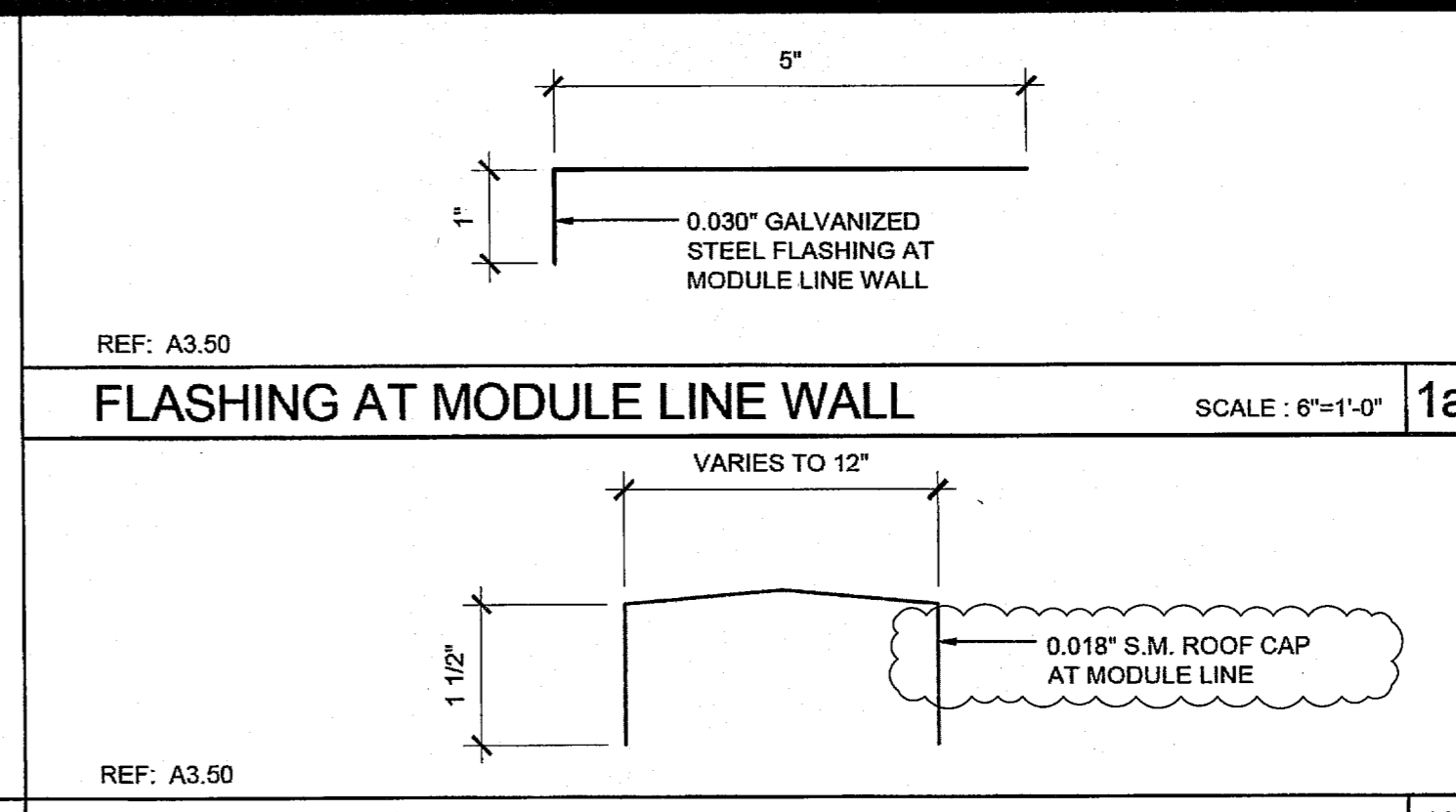
REF: A3.01, A3.02, A3.04
ROOF FLASHING AT SIDEWALL SCALE: 6"=1'-0" **16**



REF: A3.01, A3.02, A3.04
GUTTER AT ROOF FASCIA BEAM SCALE: 3"=1'-0" **11**



REF: A3.01, A3.02, A3.04
END ROOF PAN CONNECTION SCALE: 6"=1'-0" **6**

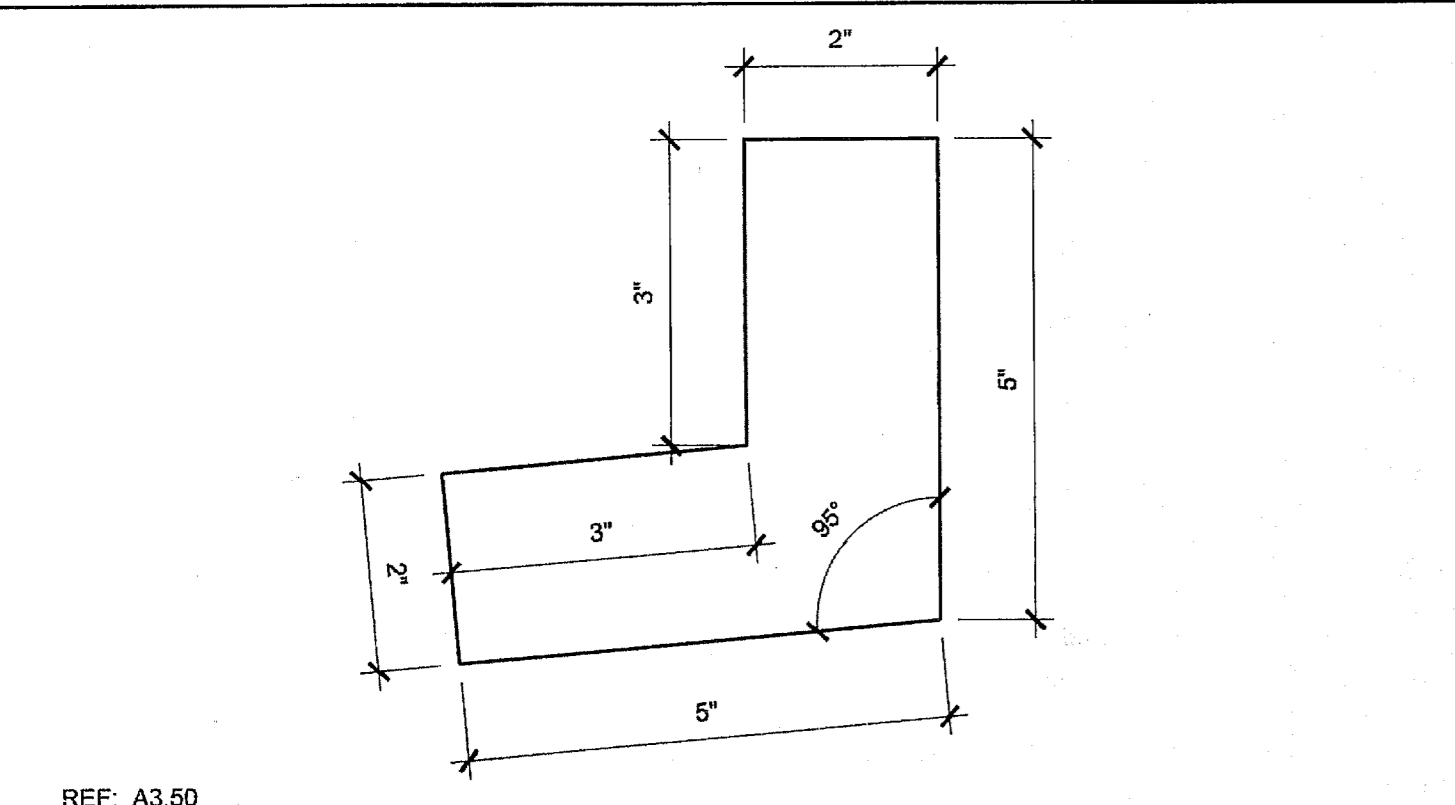


REF: A3.50
FLASHING AT MODULE LINE WALL SCALE: 6"=1'-0" **1a**

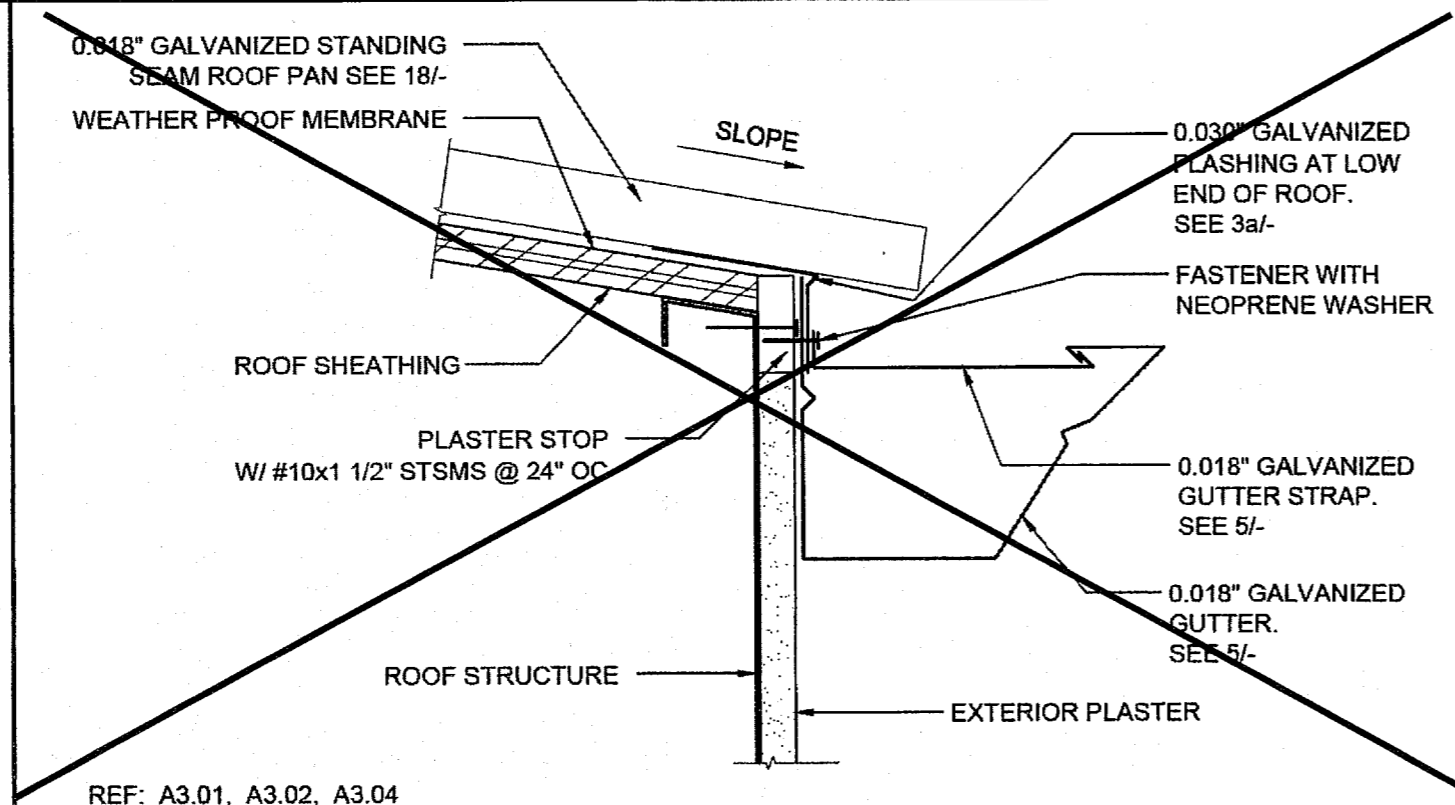
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 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/12/19

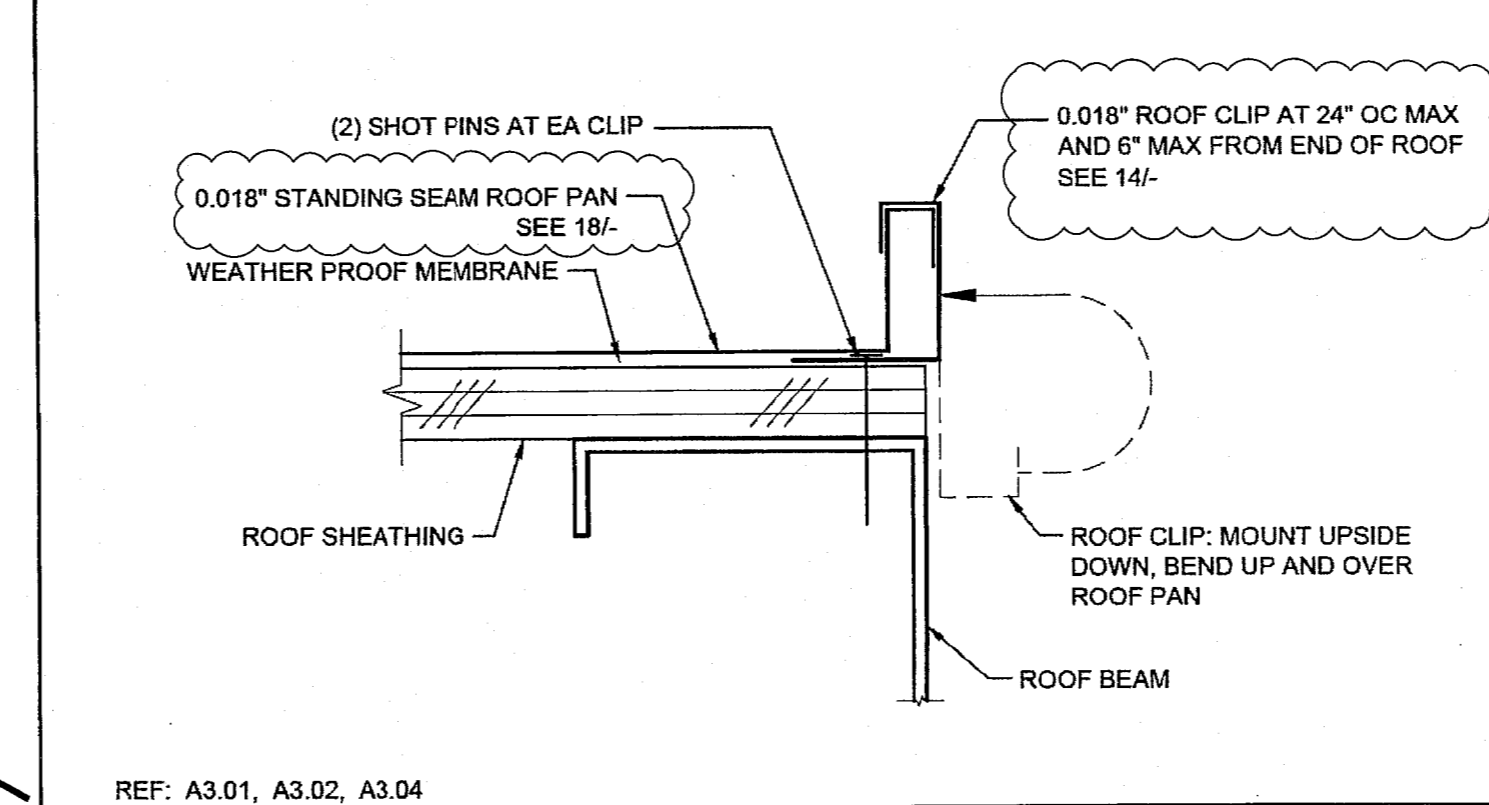
SILVER CREEK INDUSTRIES, INC.
 'BUILDING FOR THE NEXT GENERATION'
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211



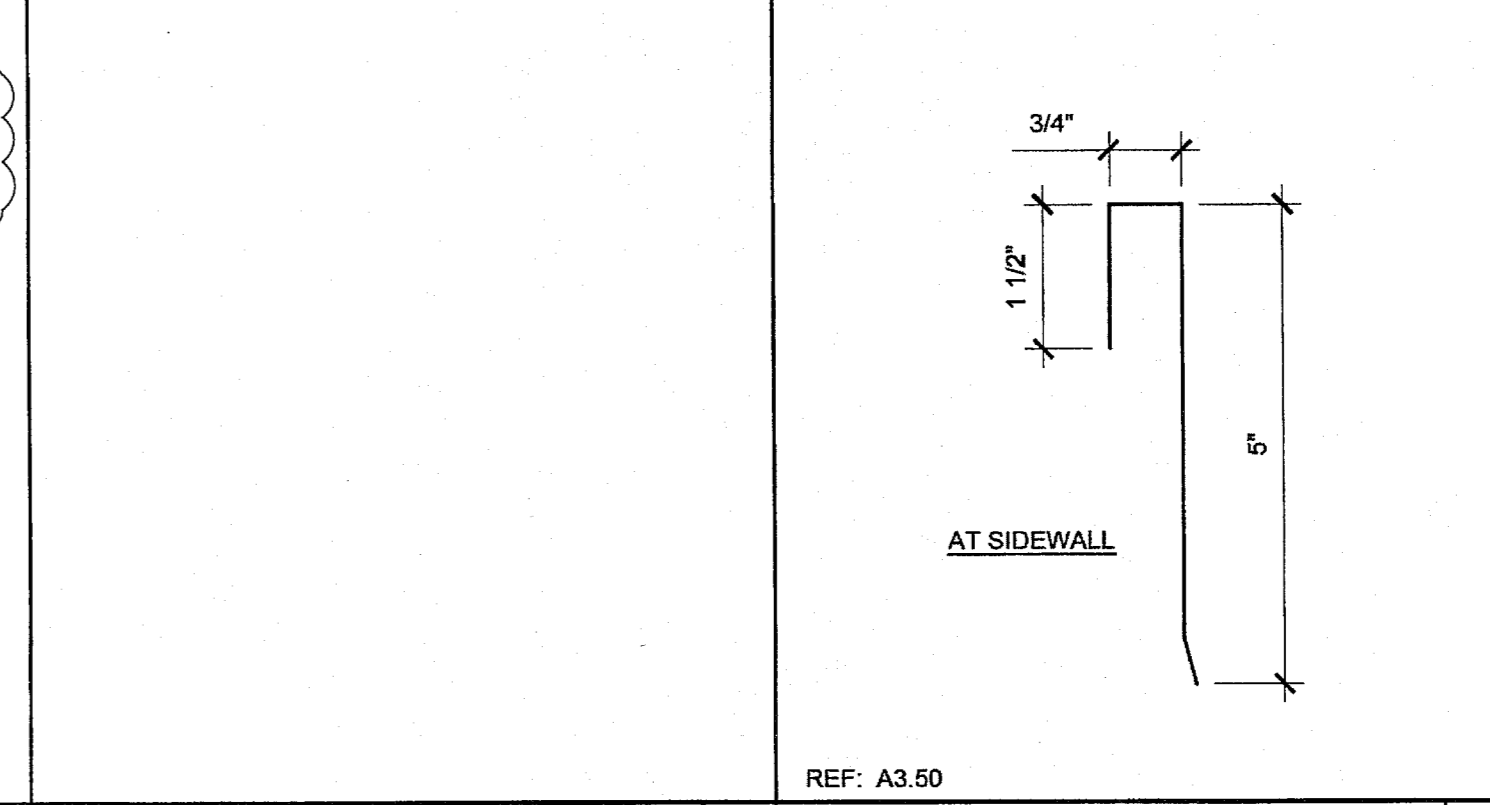
REF: A3.50
DOWNSPOUT ATTACHMENT SCALE: 6"=1'-0" **17**



REF: A3.01, A3.02, A3.04
GUTTER AT ROOF FASCIA BEAM SCALE: 3"=1'-0" **12**



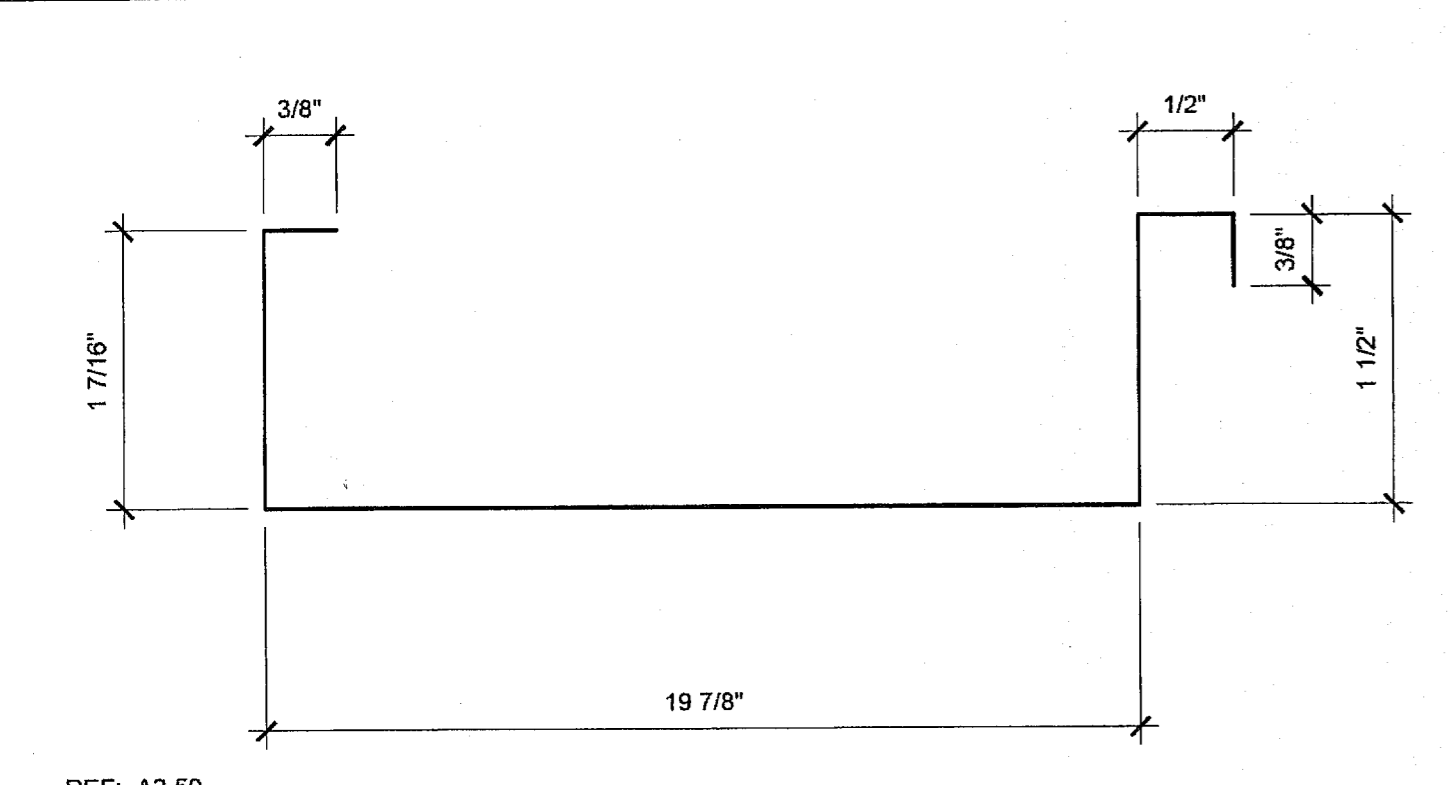
REF: A3.01, A3.02, A3.04
STARTER ROOF PAN CONNECTION SCALE: 6"=1'-0" **7**



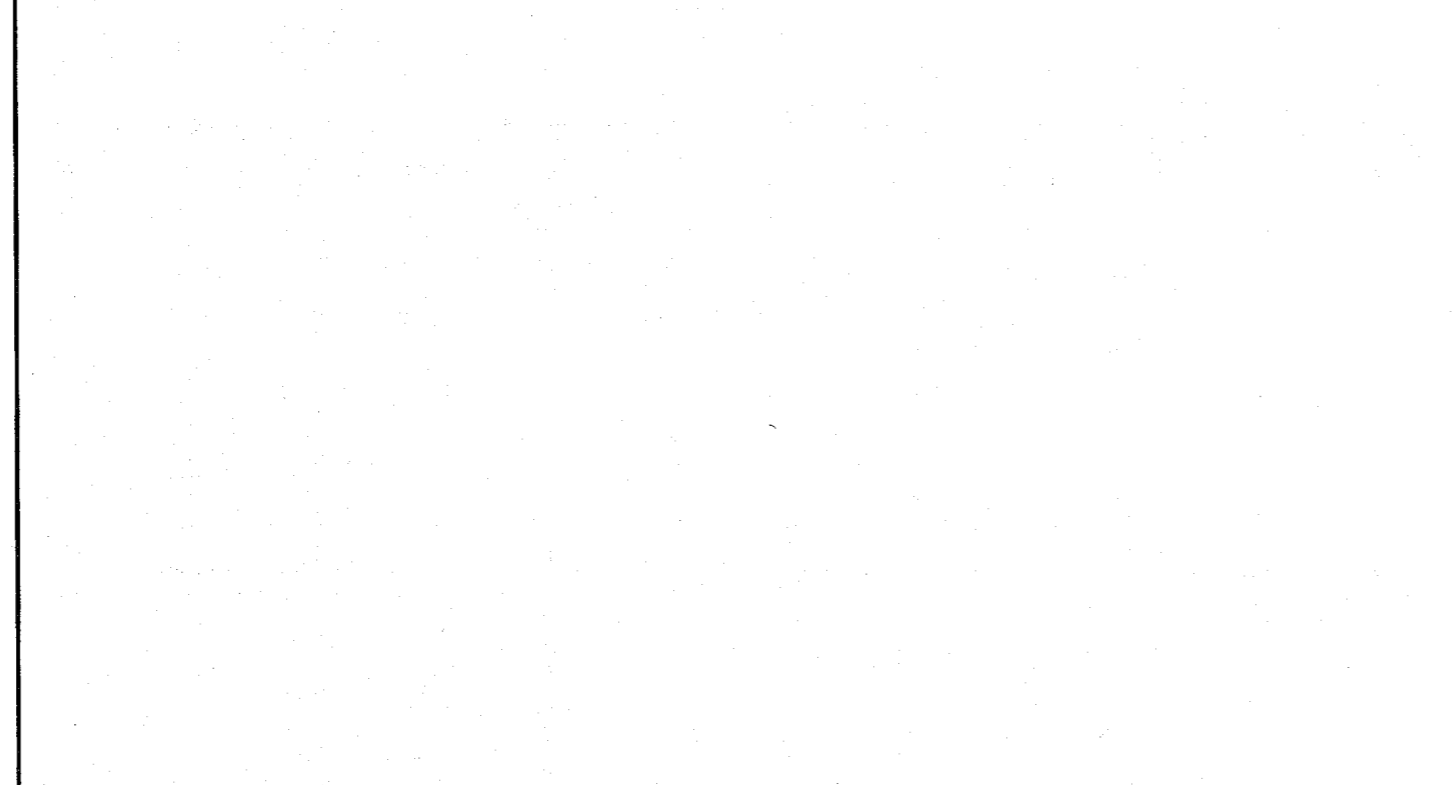
REF: A3.50
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PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

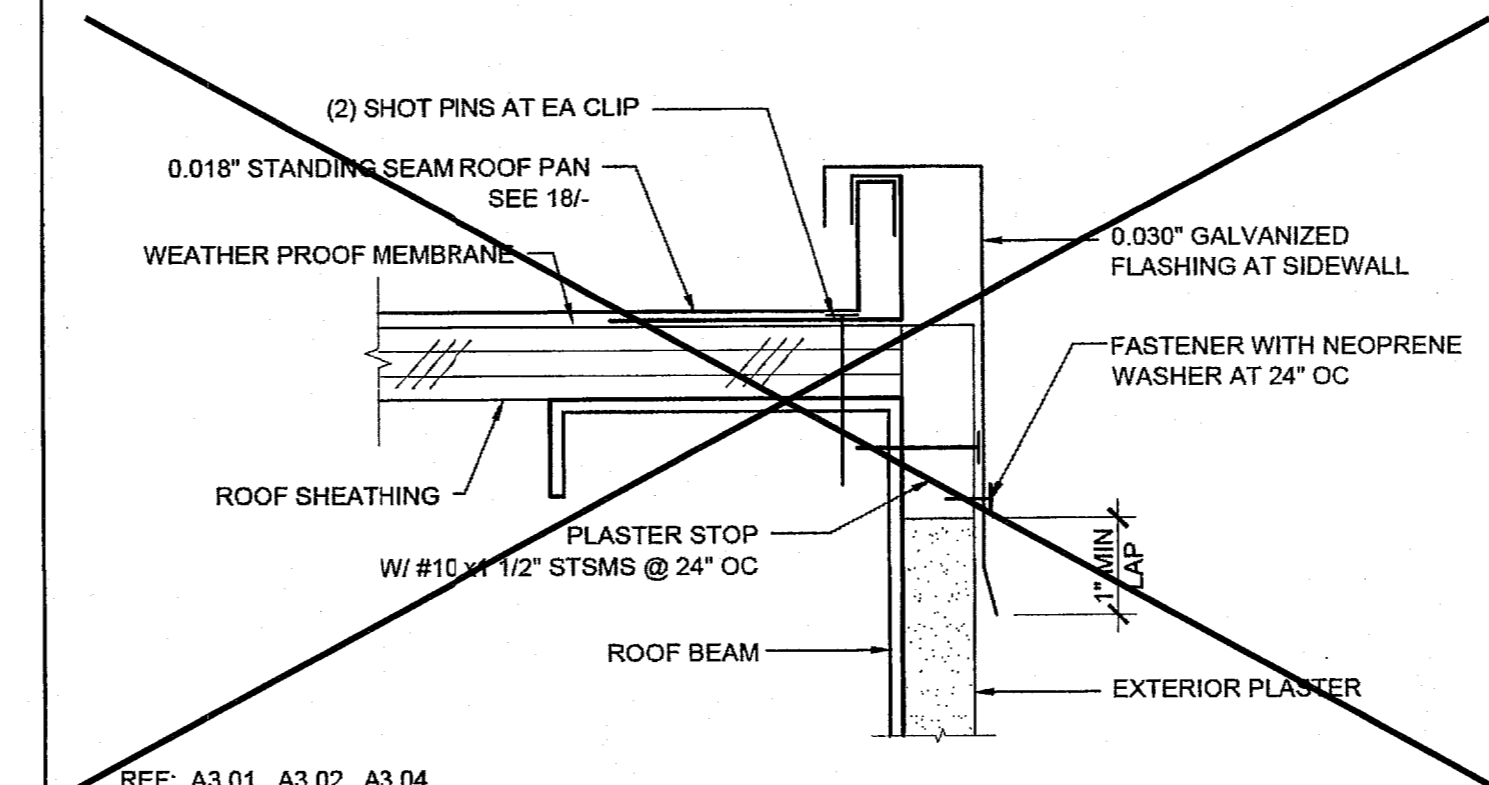
SHEET TITLE:
**ROOF DETAILS
 0.018\"/>**



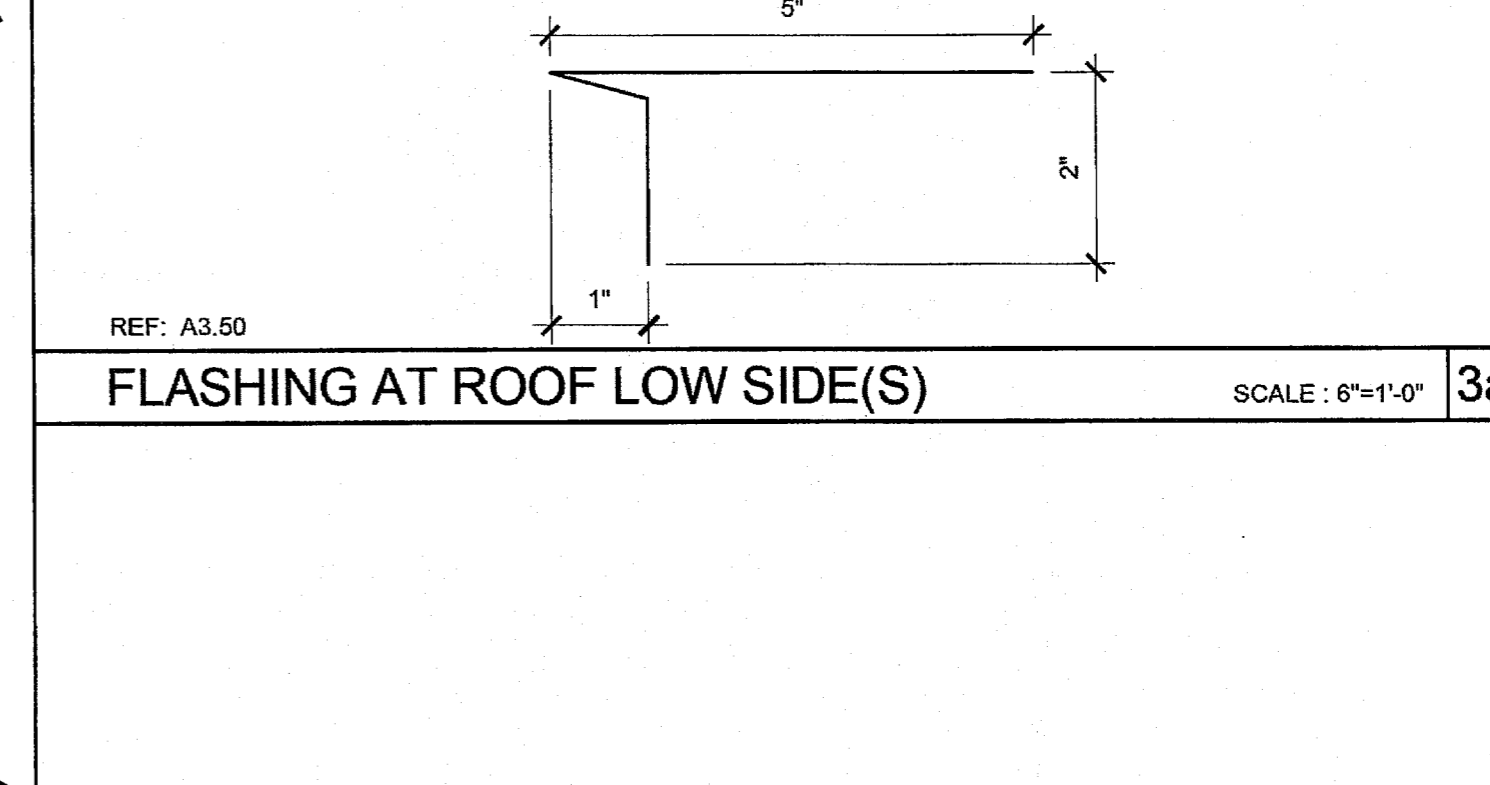
REF: A3.50
ROOF DECK PROFILE SCALE: 6"=1'-0" **18**



REF: A3.01, A3.02, A3.04
GUTTER AT ROOF FASCIA BEAM SCALE: 3"=1'-0" **13**



REF: A3.01, A3.02, A3.04
ROOF FLASHING AT SIDEWALL SCALE: 6"=1'-0" **8**

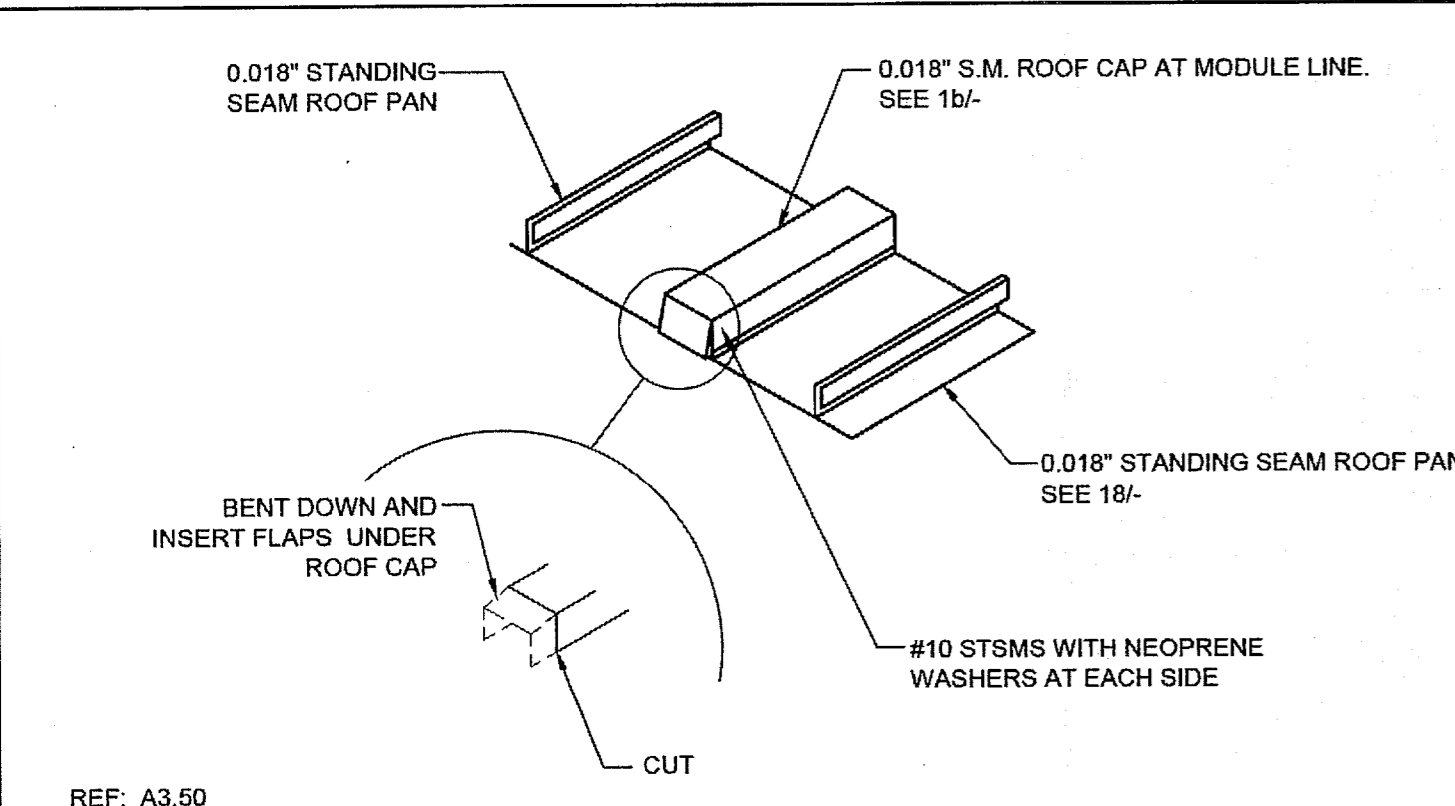


REF: A3.50
FLASHING AT ROOF LOW SIDE(S) SCALE: 6"=1'-0" **3a**

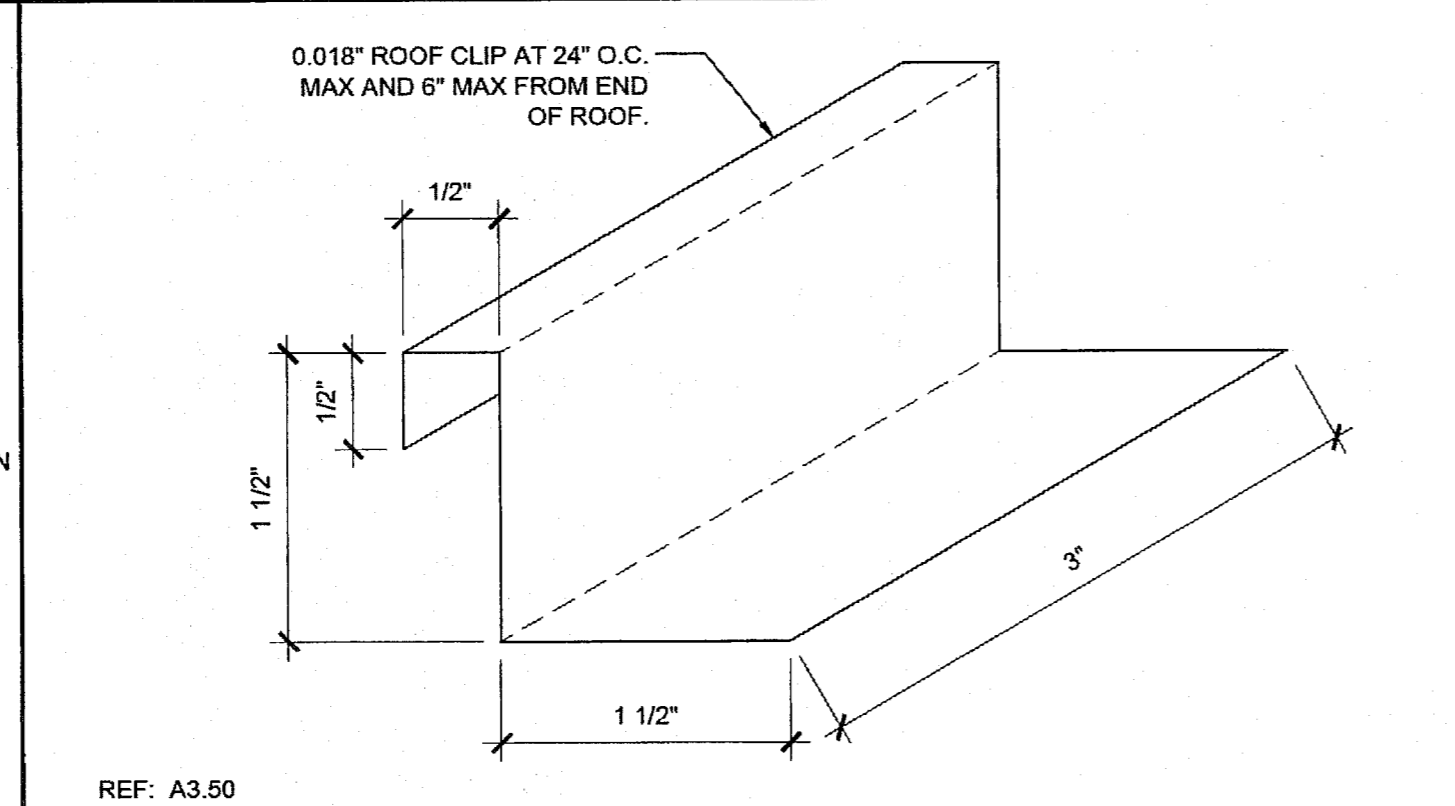
ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

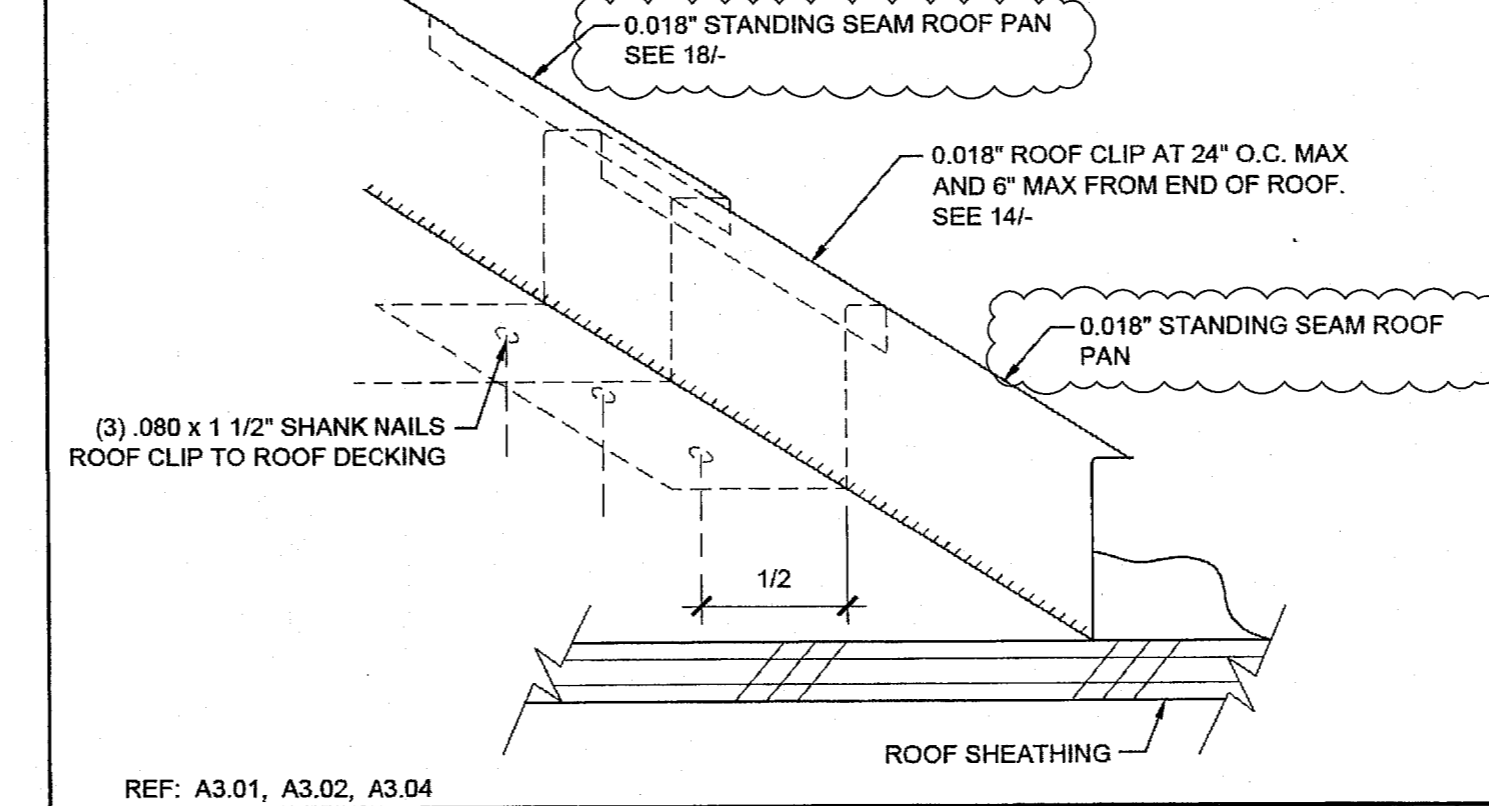
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS - FLS - SS - RAF
 DATE: MAY 18 2017



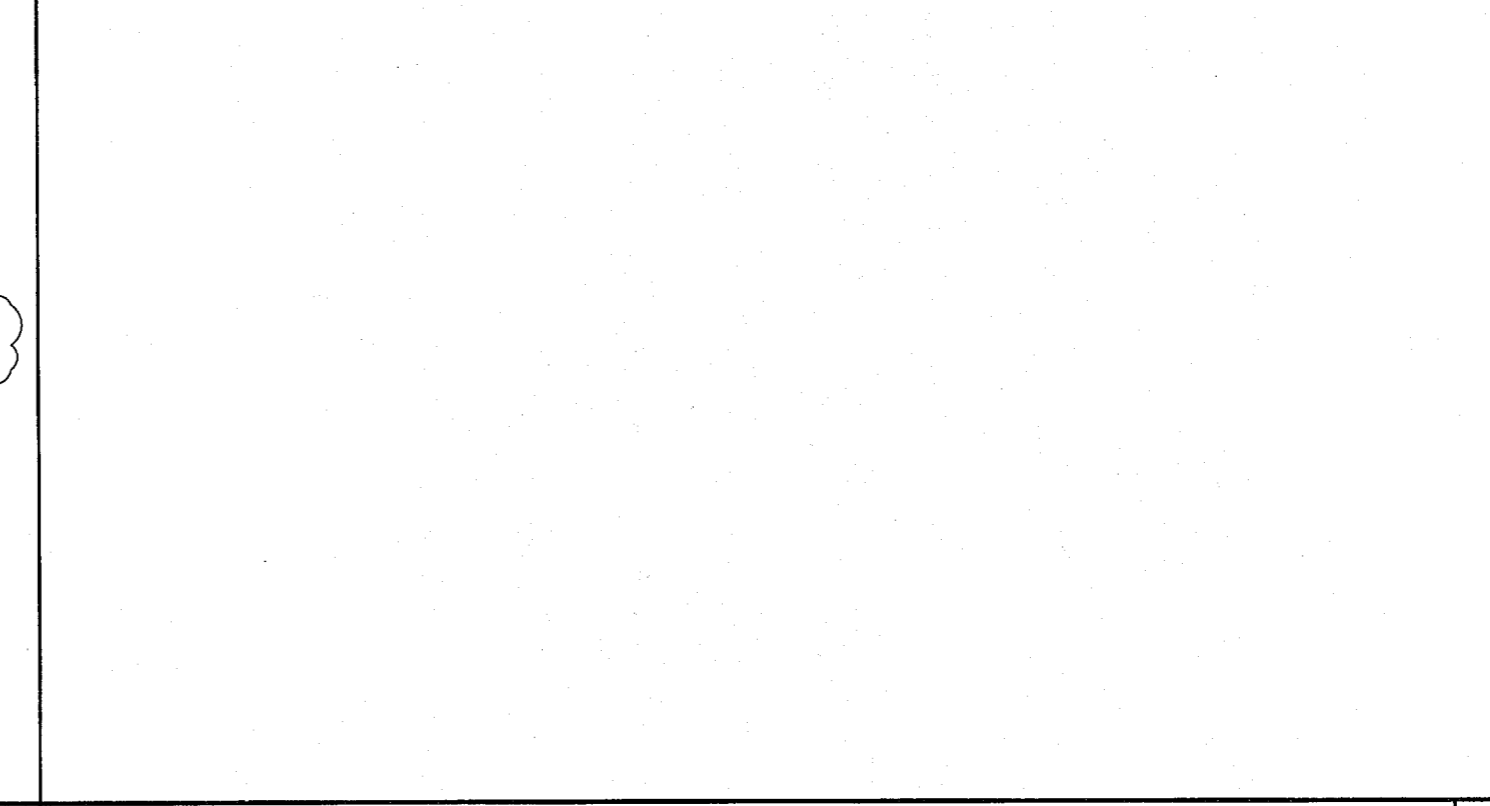
REF: A3.50
MODULE LINE ROOF CAP SCALE: NTS **19**



REF: A3.50
ROOF CLIP SCALE: 1'-0"=1'-0" **14**



REF: A3.01, A3.02, A3.04
ROOF STANDING SEAM SCALE: NTS **9**

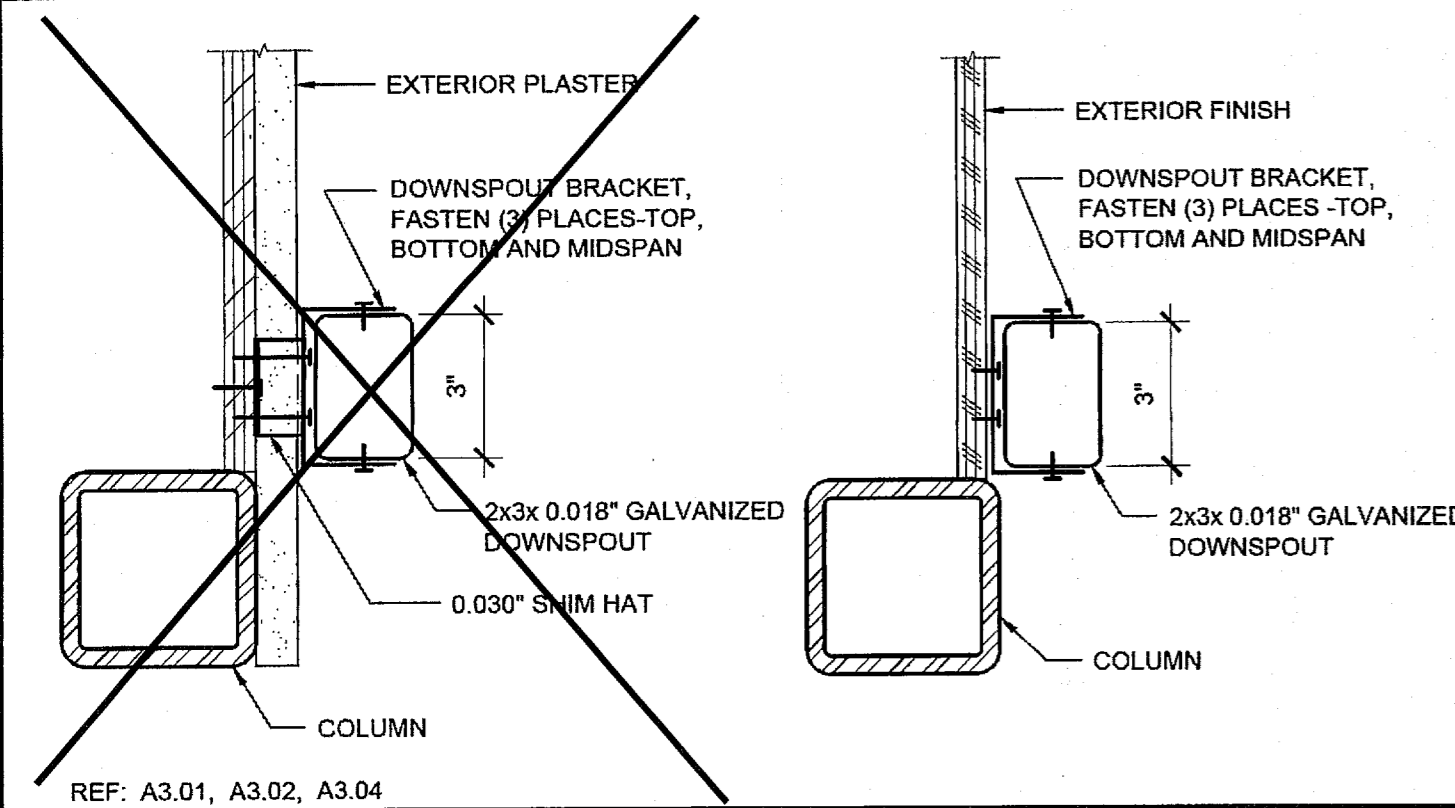


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0.018\"/>

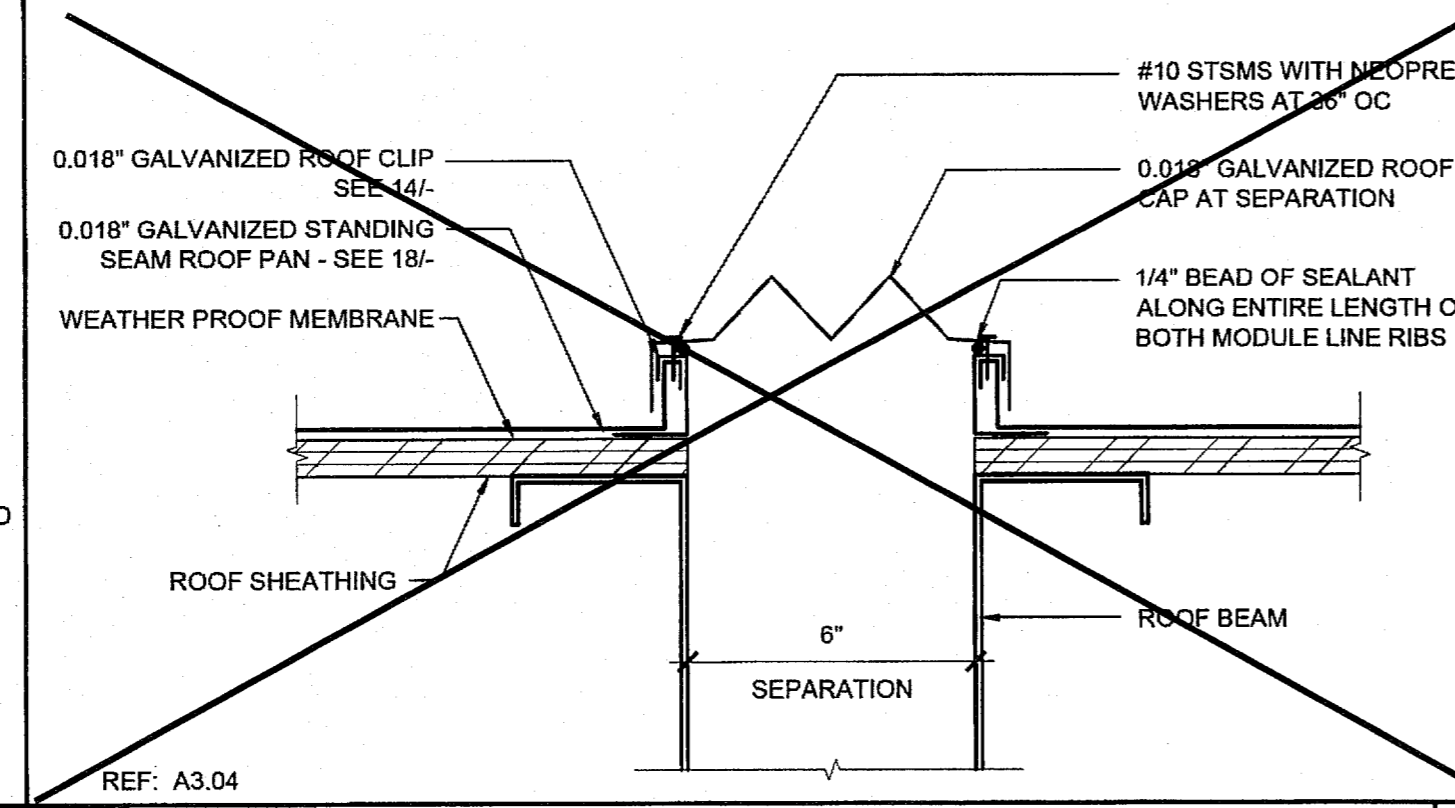
ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC - FLS - SS - RAF
 DATE: AUG - 4 2015

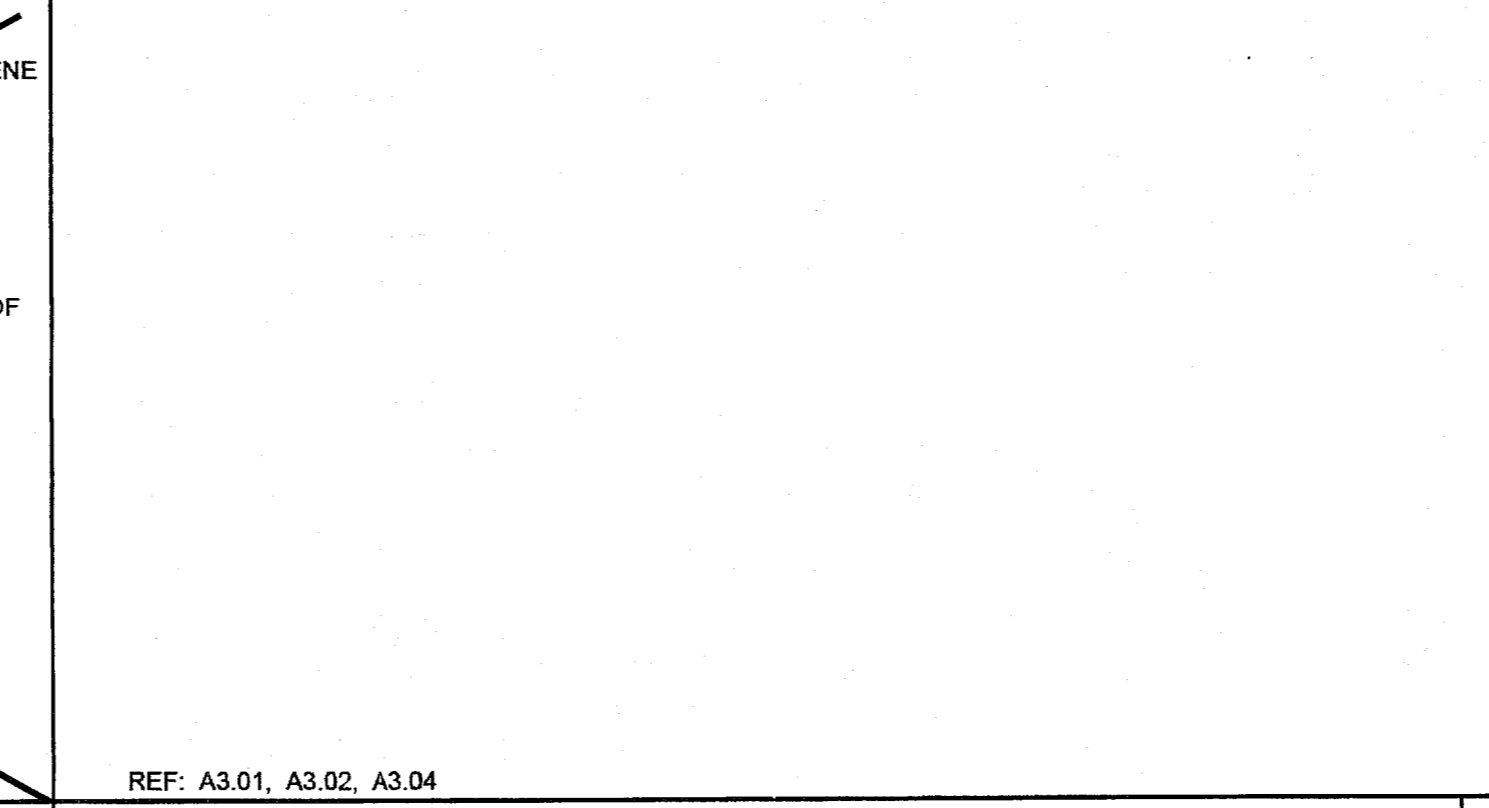
REVISIONS



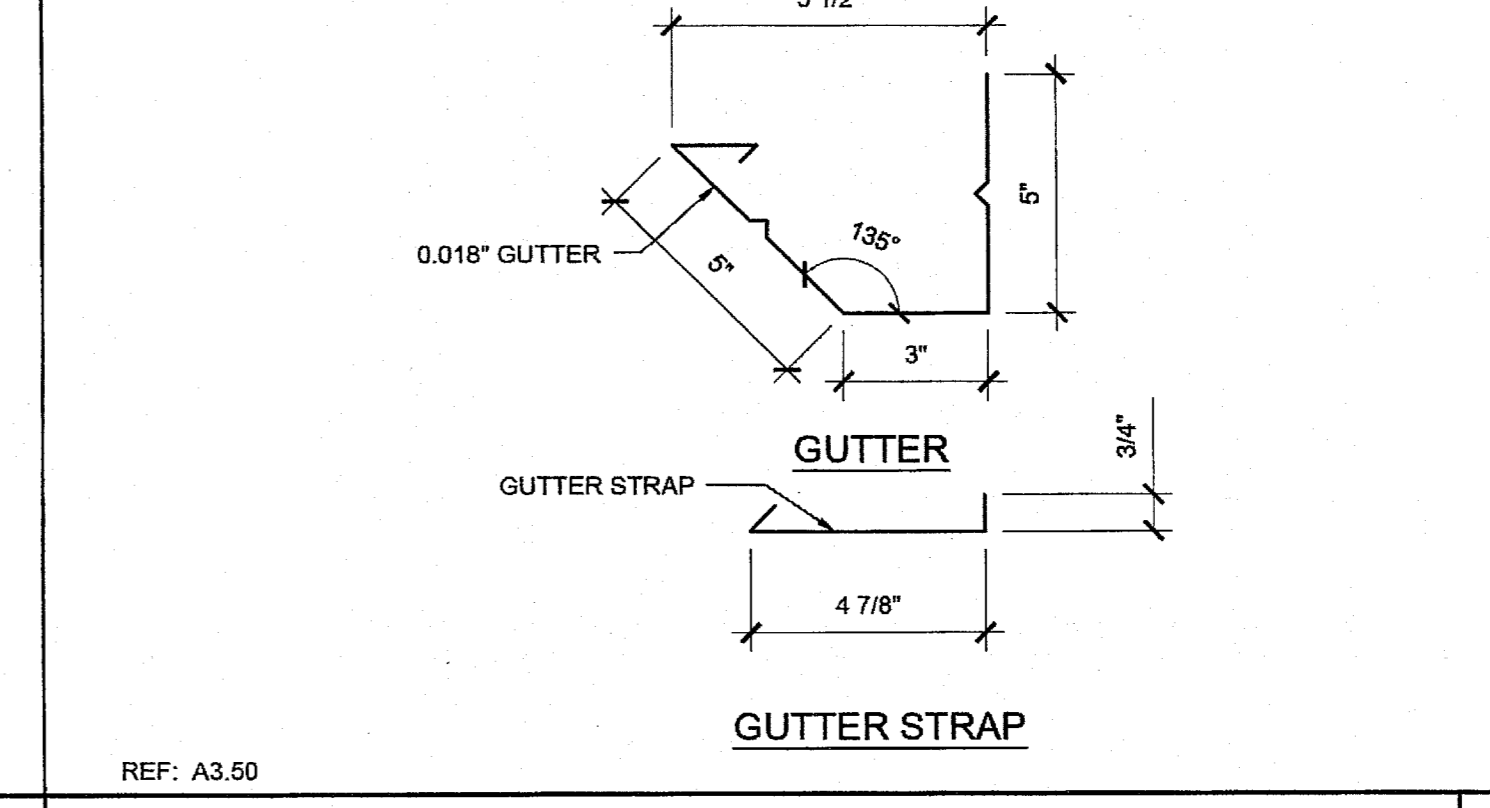
REF: A3.01, A3.02, A3.04
DOWNSPOUT ATTACHMENT SCALE: 3"=1'-0" **20**



REF: A3.04
ROOF CAP AT SEPARATION SCALE: 3"=1'-0" **15**



REF: A3.01, A3.02, A3.04
0.018\"/>

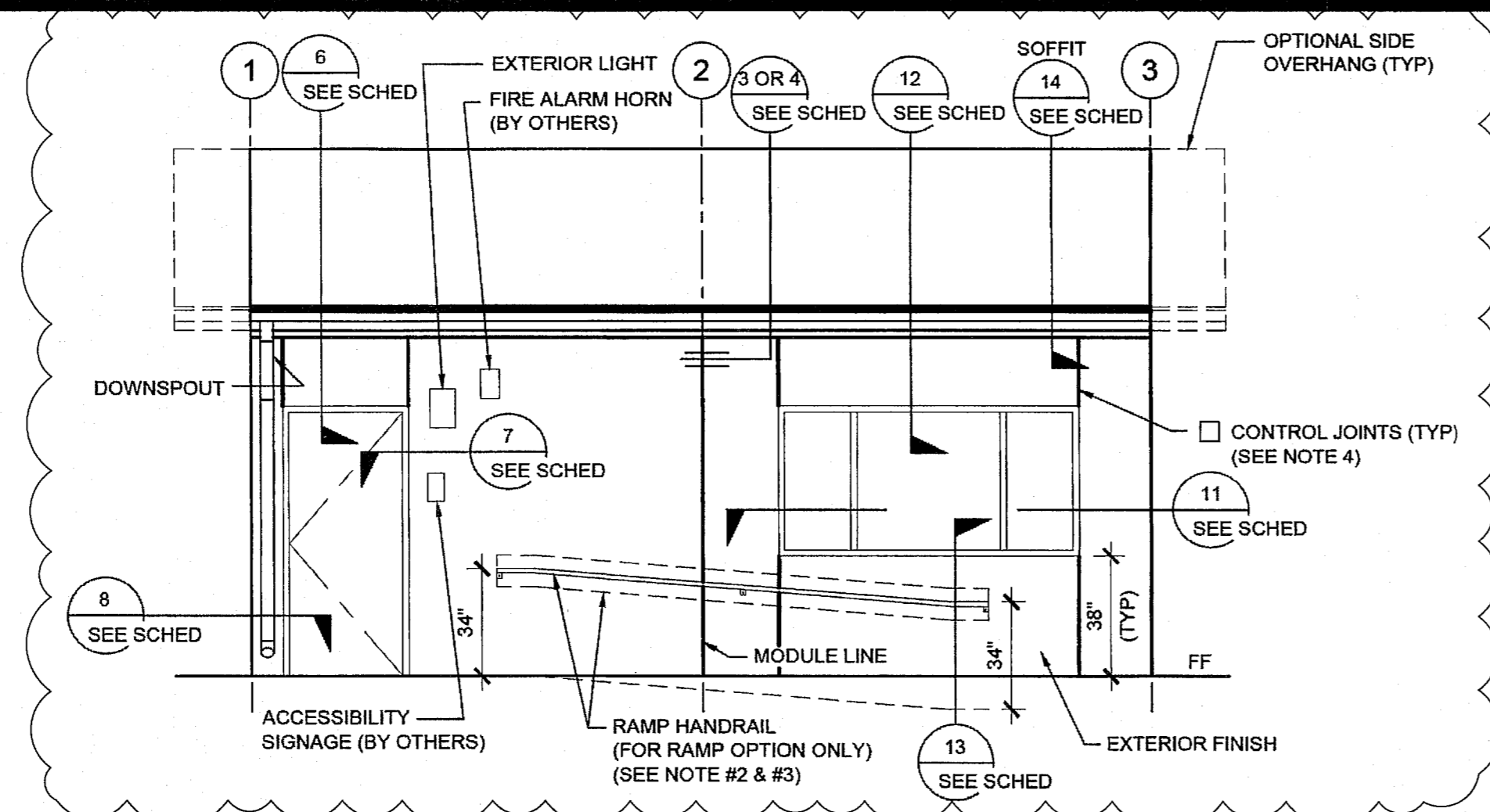


REF: A3.50
0.018\"/>

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15
 P.C. SHEET NUMBER
A-3.50

REFER TO SHEET "A-3.50N" FOR PROJECT SPECIFIC



EXTERIOR ELEVATIONS - FRONT - DUAL SLOPE

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

NOTES (EXTERIOR ELEVATION)

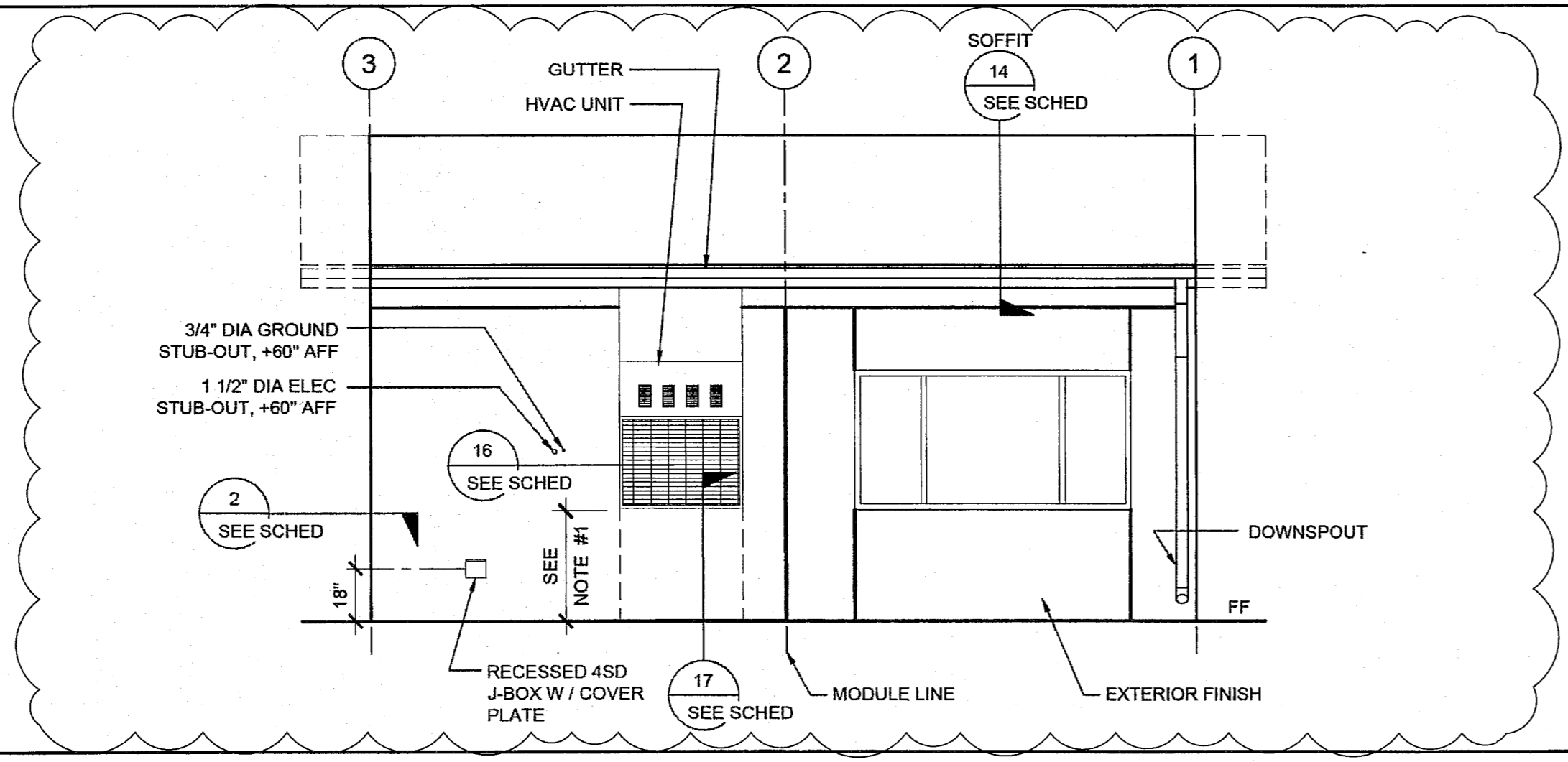
1. PROVIDE PROTECTION RAIL AROUND HVAC UNIT(S) IF LOCATED IN A PEDESTRIAN WAY IF THE HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" (NIC). REFERENCE TO DET. # 2/A5.81 FOR WOOD STUDS, # 17/A5.81 FOR STEEL STUDS
2. RAMP (WHERE OCCURS), NOT SHOWN FOR CLARITY.
3. WALL BEYOND HANDRAIL SHALL NOT HAVE ANY SHARP OR ABRASIVE SURFACE ADJACENT TO HANDRAILS. (GRIND SMOOTH ALL METAL RAILING CONNECTIONS - SMOOTH SURFACE TO EXTEND 8" ABOVE HANDRAIL)
4. FOR PLASTER ONLY, PROVIDE CONTROL JOINT AT EACH MODLINE, ON END WALLS, 10'-0" OC AT SIDE WALLS, AND / OR ABOVE AND BELOW OPENINGS. WHERE FIRE RATED WALLS ARE REQUIRED, MATERIALS AND METHODS OF CONSTRUCTION USED TO PROTECT JOINTS WILL COMPLY WITH CBC SECTION 703.2 AND 705.
5. HANDRAIL IS NOT ALLOWED AT PLASTER WALL OPTION WHERE RAMP & HANDRAIL IS AGAINST THE WALL. SEE DETAIL 1/R-1.02 FOR ALTERNATE RAMP APPLICATION.
6. EXTERIOR PROJECTIONS THAT ARE REQUIRED TO BE FIRE PROTECTED SHALL COMPLY W/ SECTION 705 AND 1406, 2013 CBC

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119509 INC.
REVIEWED FOR
SS FLS ACS
DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:



EXTERIOR ELEVATIONS - REAR - DUAL SLOPE

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

DETAIL SCHEDULE

EXTERIOR FINISH:	SHEET #:
<input checked="" type="checkbox"/> SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5.60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
EXTERIOR ELEVATION
24' X 40'
DUAL SLOPE

LICENSED ARCHITECT
M.F. SHIVELIN
C-33467
REN 01-31-2017
STATE OF CALIFORNIA

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS SS RAF
DATE MAY 14 2017

ORIGINAL PC STATE AGENCY APPROVAL

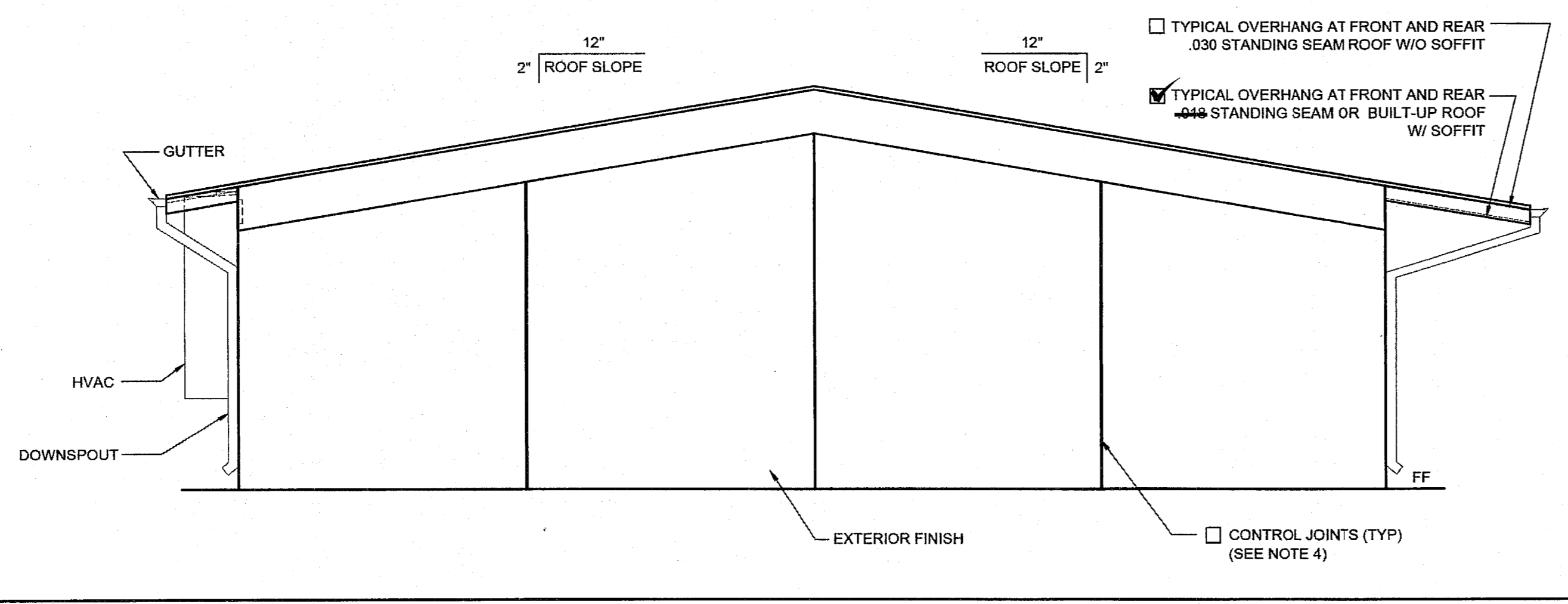
FIRE CHECK (PC) DOCUMENT
CODE 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
ACS FLS SS RAF
DATE AUG - 4 2015

REVISIONS

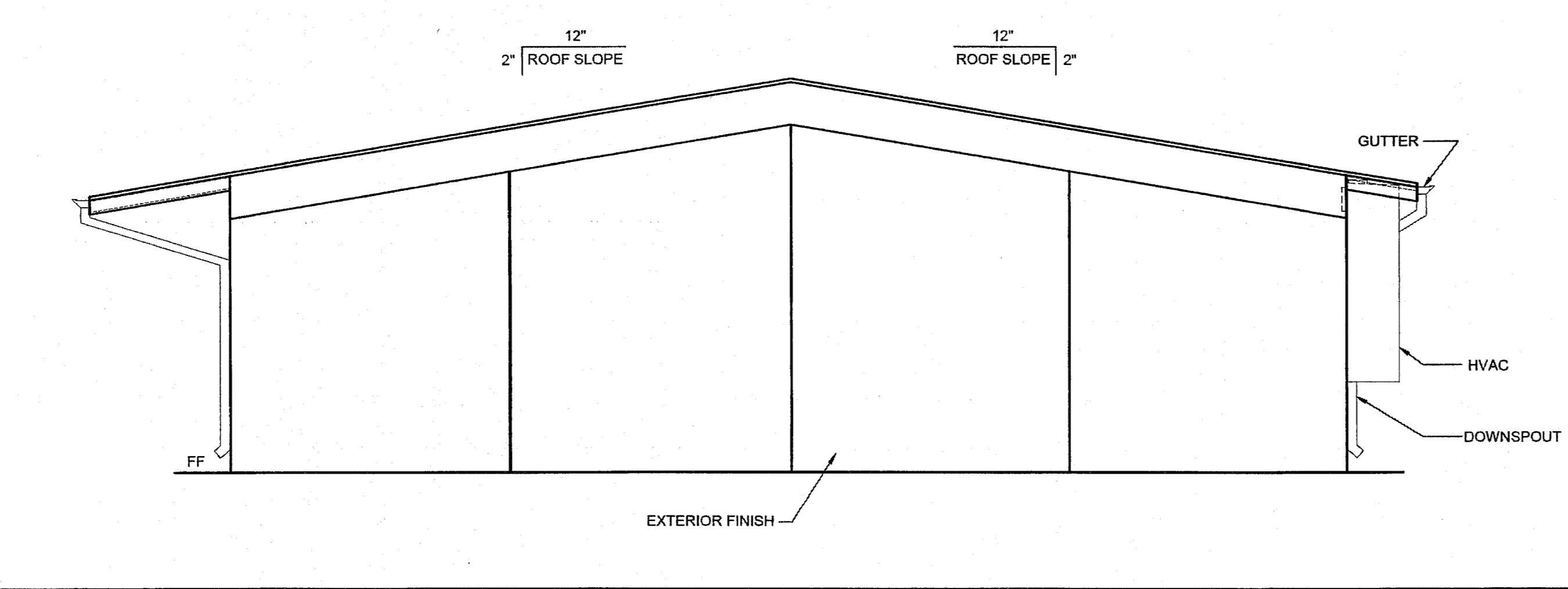
SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER



EXTERIOR ELEVATIONS - LEFT - DUAL SLOPE

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



EXTERIOR ELEVATIONS - RIGHT - DUAL SLOPE

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

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER

A-4.01

REFER TO SHEET "A-4.01N" FOR PROJECT SPECIFIC

DETAIL SCHEDULE	
FINISH:	SHEET #:
<input checked="" type="checkbox"/> SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5.60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE	
FINISH:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

FLOOR OPTION	
<input checked="" type="checkbox"/> WOOD FLOOR	
<input type="checkbox"/> CONCRETE FLOOR	

NOTES

MOISTURE PROTECTION AND CAULKING:
 GENERAL: FURNISH AND INSTALL ALL CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING.
 MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE CAULKING.
 APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, WAX, AND FOREIGN MATERIALS. SEALANT SHALL BE APPLIED WITH A GUN IN A STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS. COMPLETELY FILL THE JOINT AND FIRMLY TOOL AGAINST THE BACKING, MAKING A SMOOTH CONVEX BEAD. COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.

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 APP: 03-119509 INC.
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 SS FLS ACS
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
CROSS SECTION DUAL SLOPE 0.018" OR BUILT UP ROOF DECK

ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RAE
 DATE MAY 19 2017

ORIGINAL PC STATE AGENCY APPROVAL

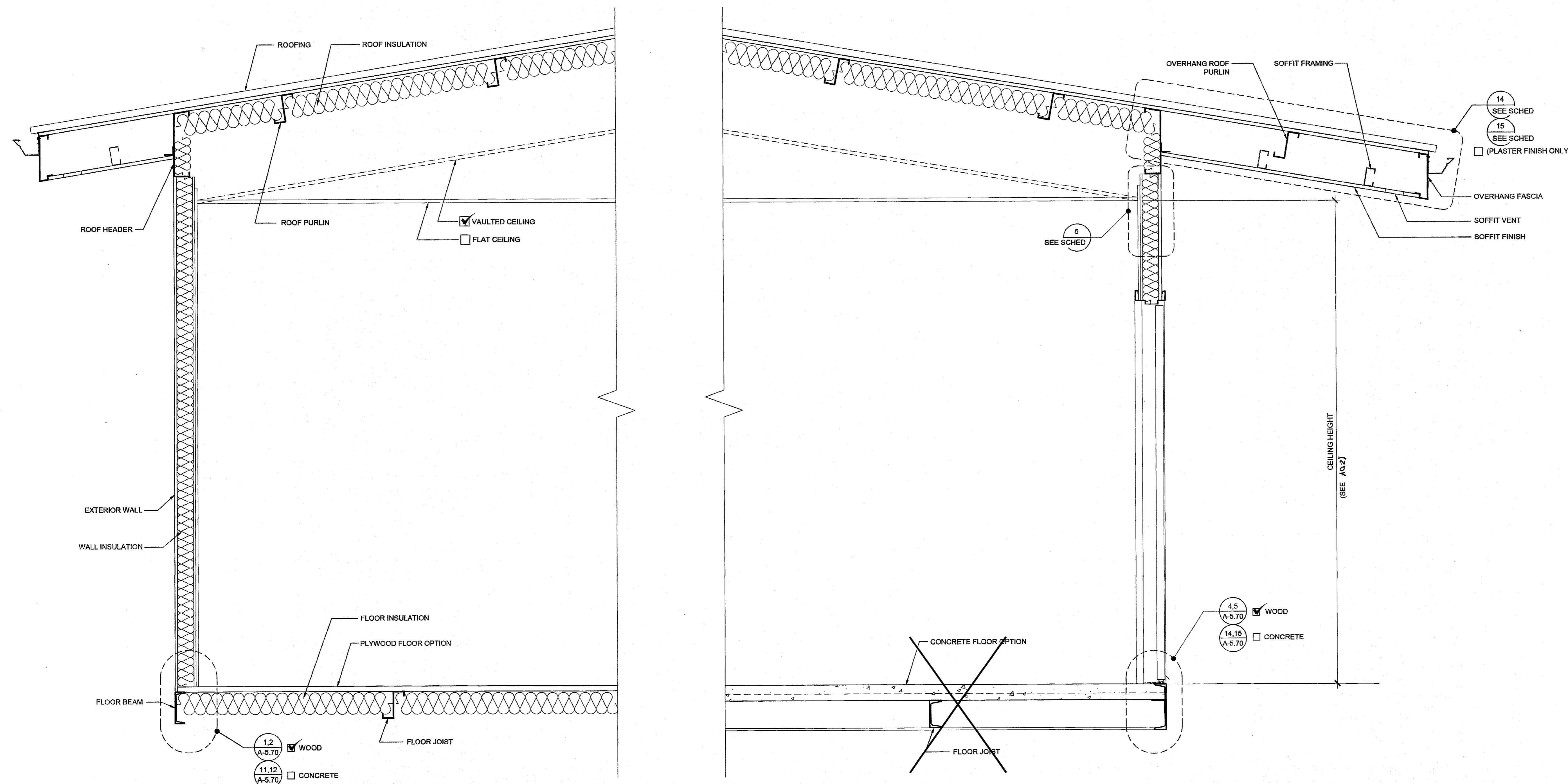
IDENTIFICATION STAMP
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC FLS SS RAE
 DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
A-5.02



BUILDING SECTION

SCALE: 1" = 1'-0" 1

NOTES

1. **MOISTURE PROTECTION AND CAULKING:**
 GENERAL: FURNISH AND INSTALL ALL CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING.
 MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE CAULKING.
 APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, WAX, AND FOREIGN MATERIALS. SEALANT SHALL BE APPLIED WITH A GUN IN A STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS. COMPLETELY FILL THE JOINT AND FIRMLY TOOL AGAINST THE BACKING, MAKING A SMOOTH CONVEX BEAD.
 COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.

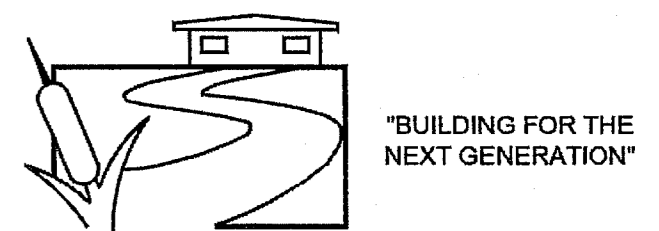
FLOOR OPTION

- WOOD FLOOR
- CONCRETE FLOOR

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 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.



SILVER CREEK

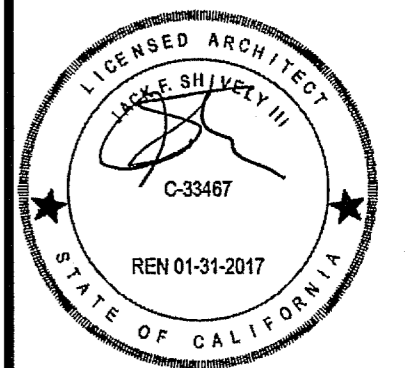
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

CROSS SECTION



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RRF
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC FLS SS RRF
 DATE: AUG - 4 2015

REVISIONS

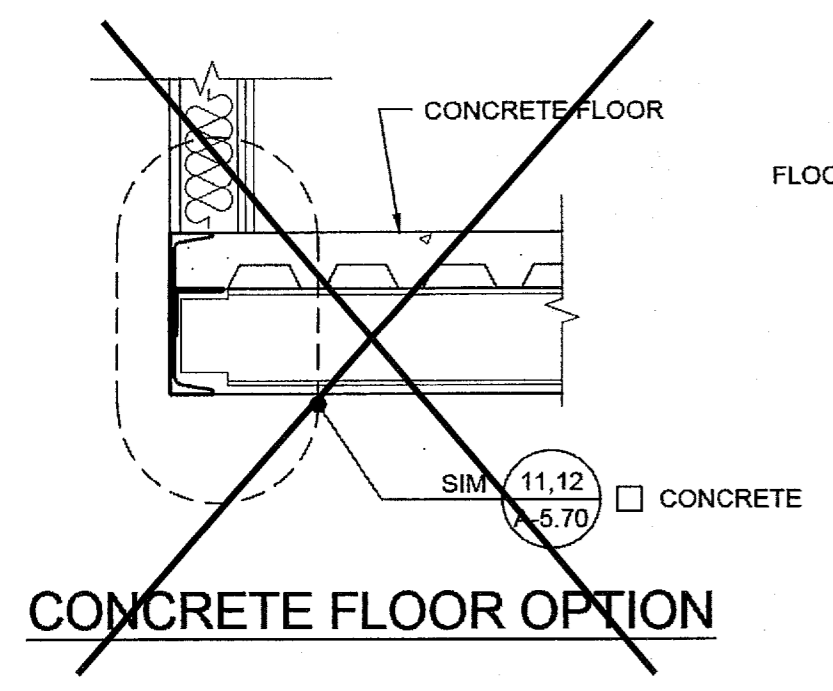
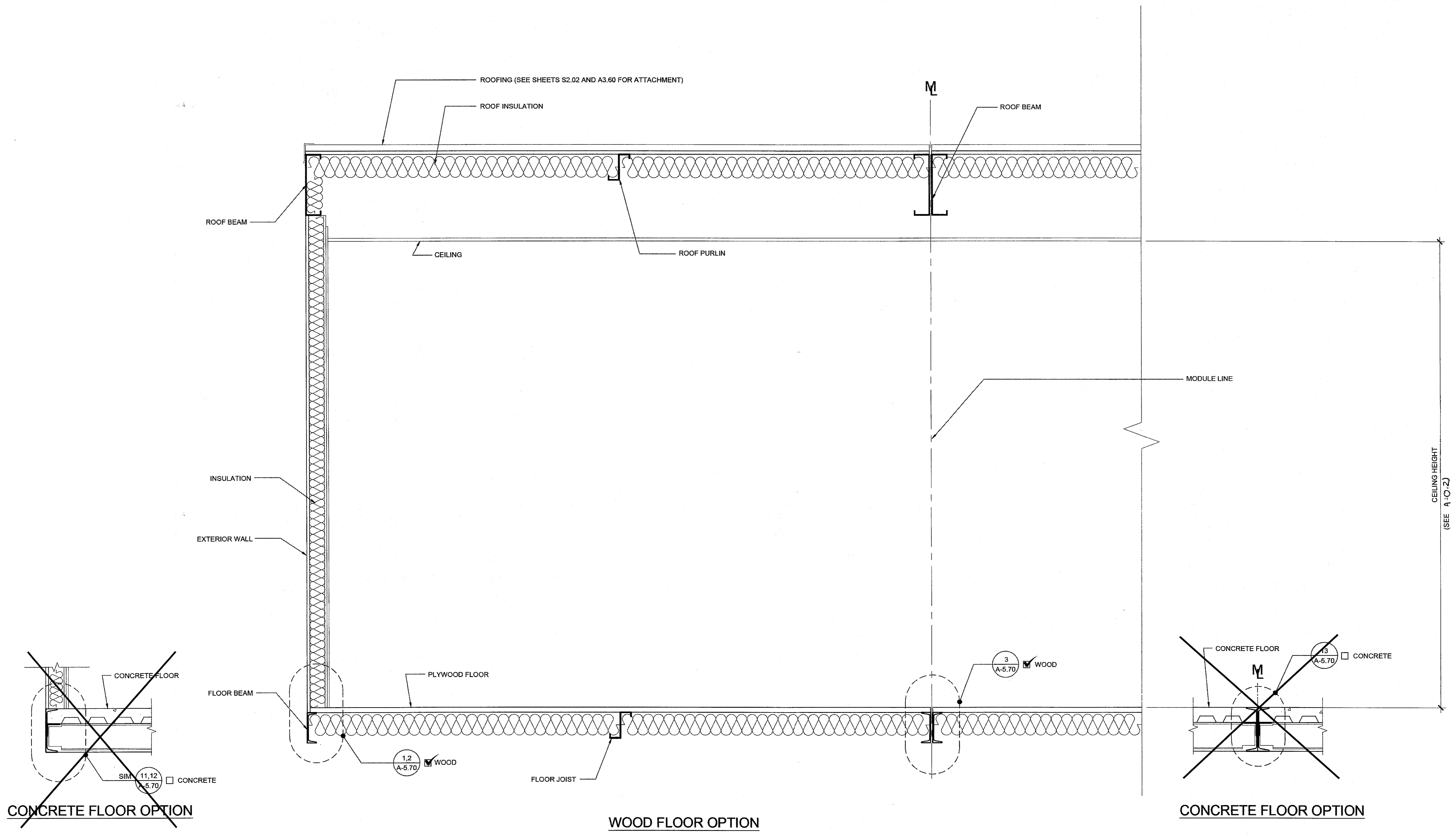
NO.	DESCRIPTION

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

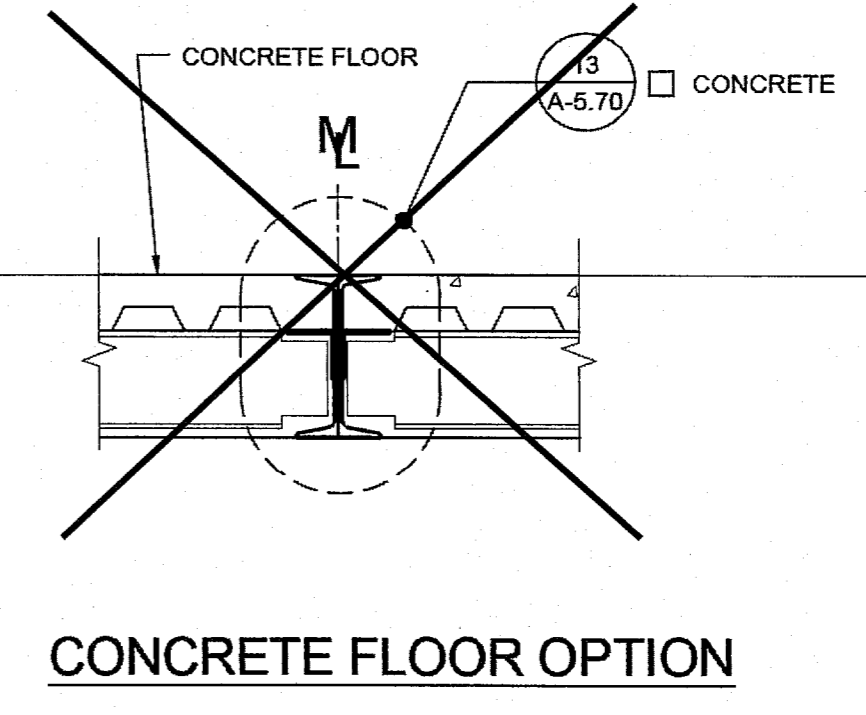
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

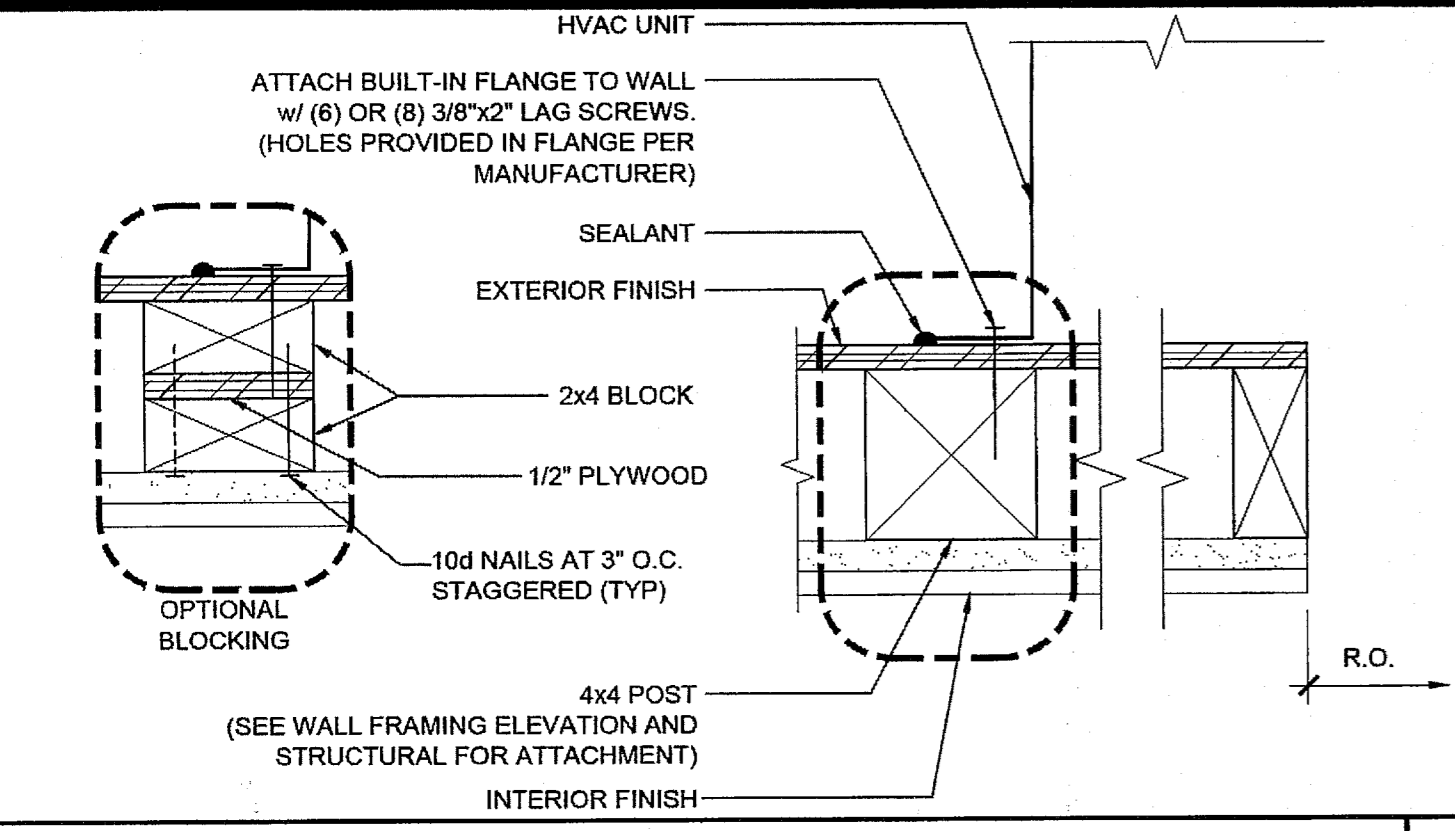
P.C. SHEET NUMBER

A-5.05

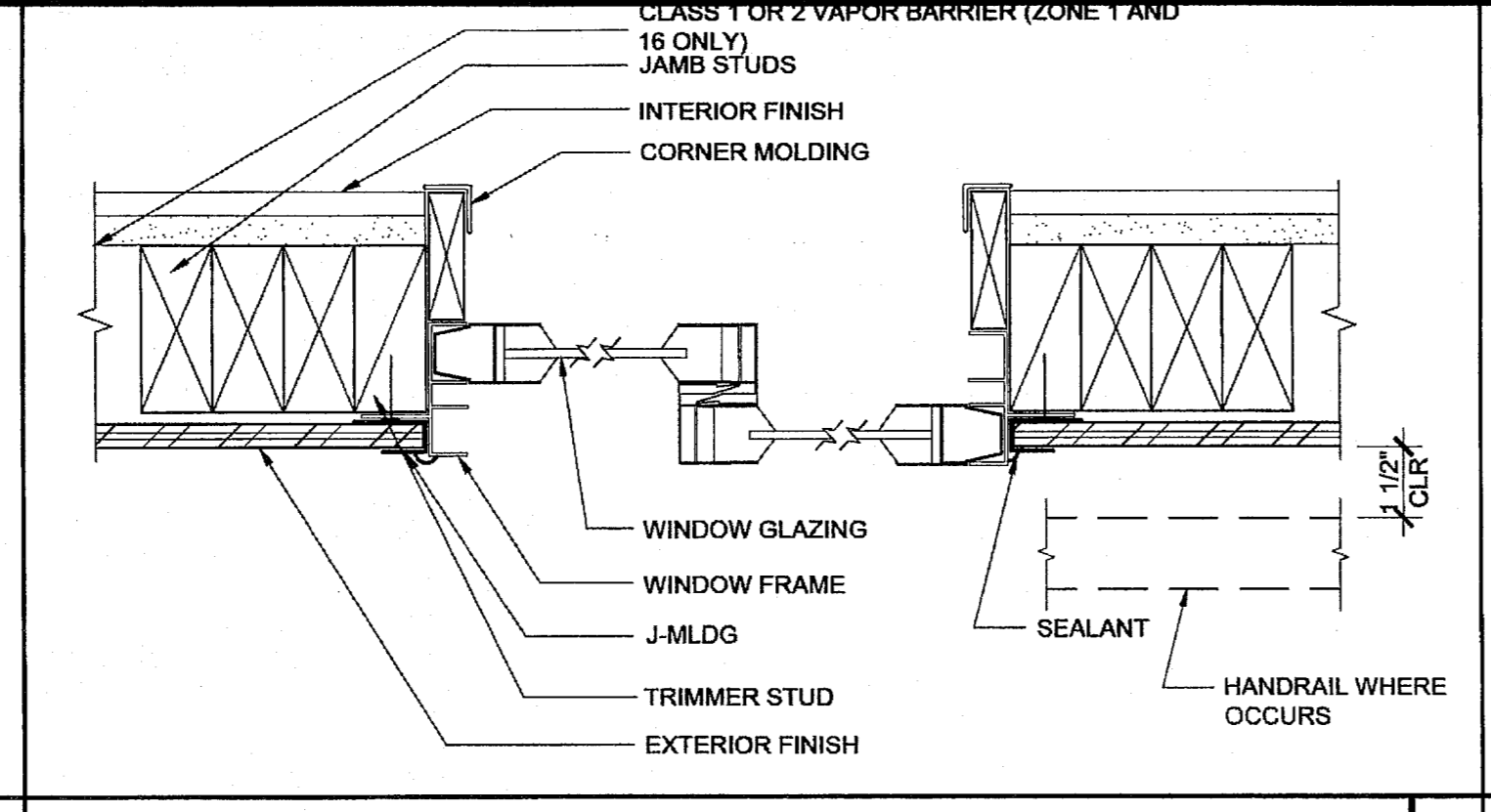


WOOD FLOOR OPTION

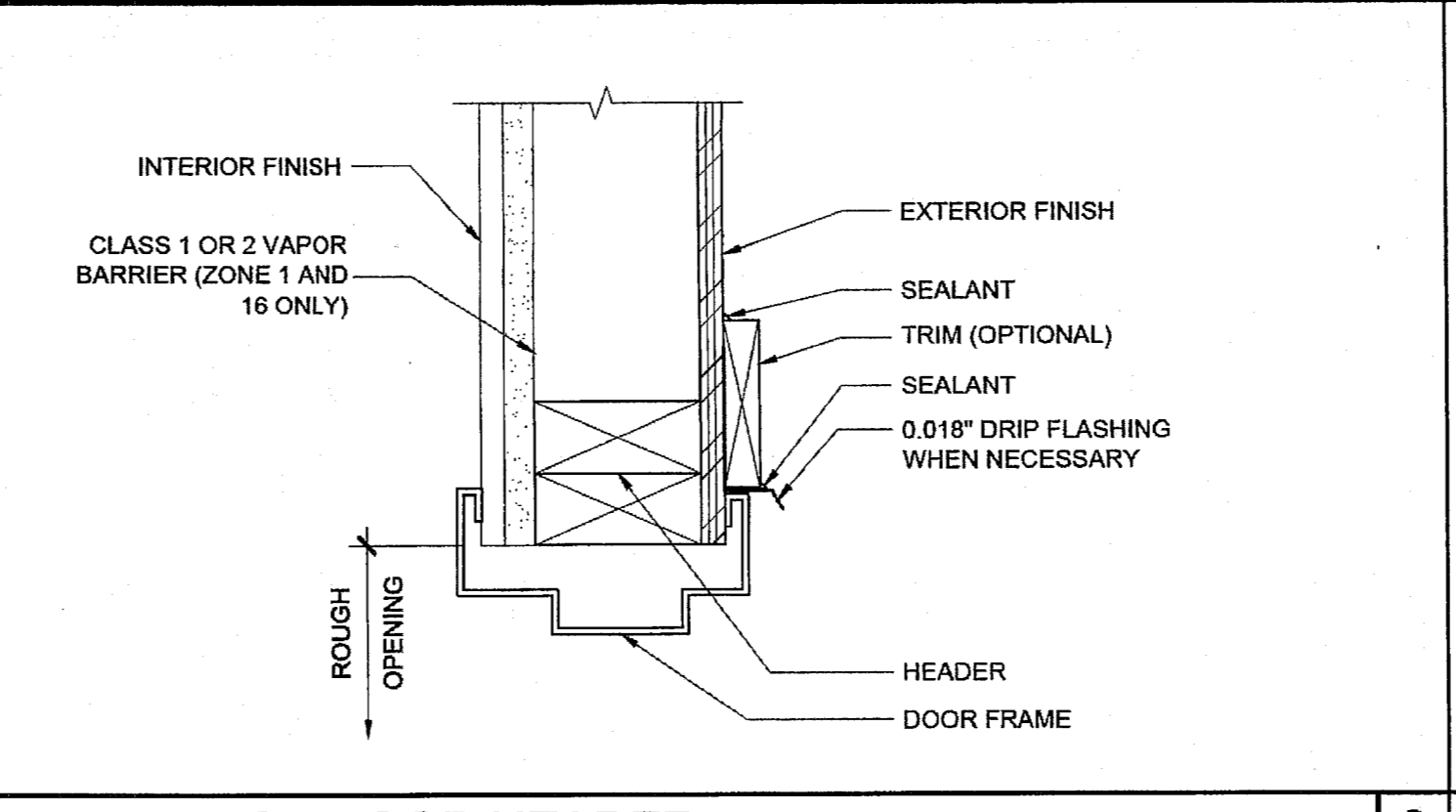




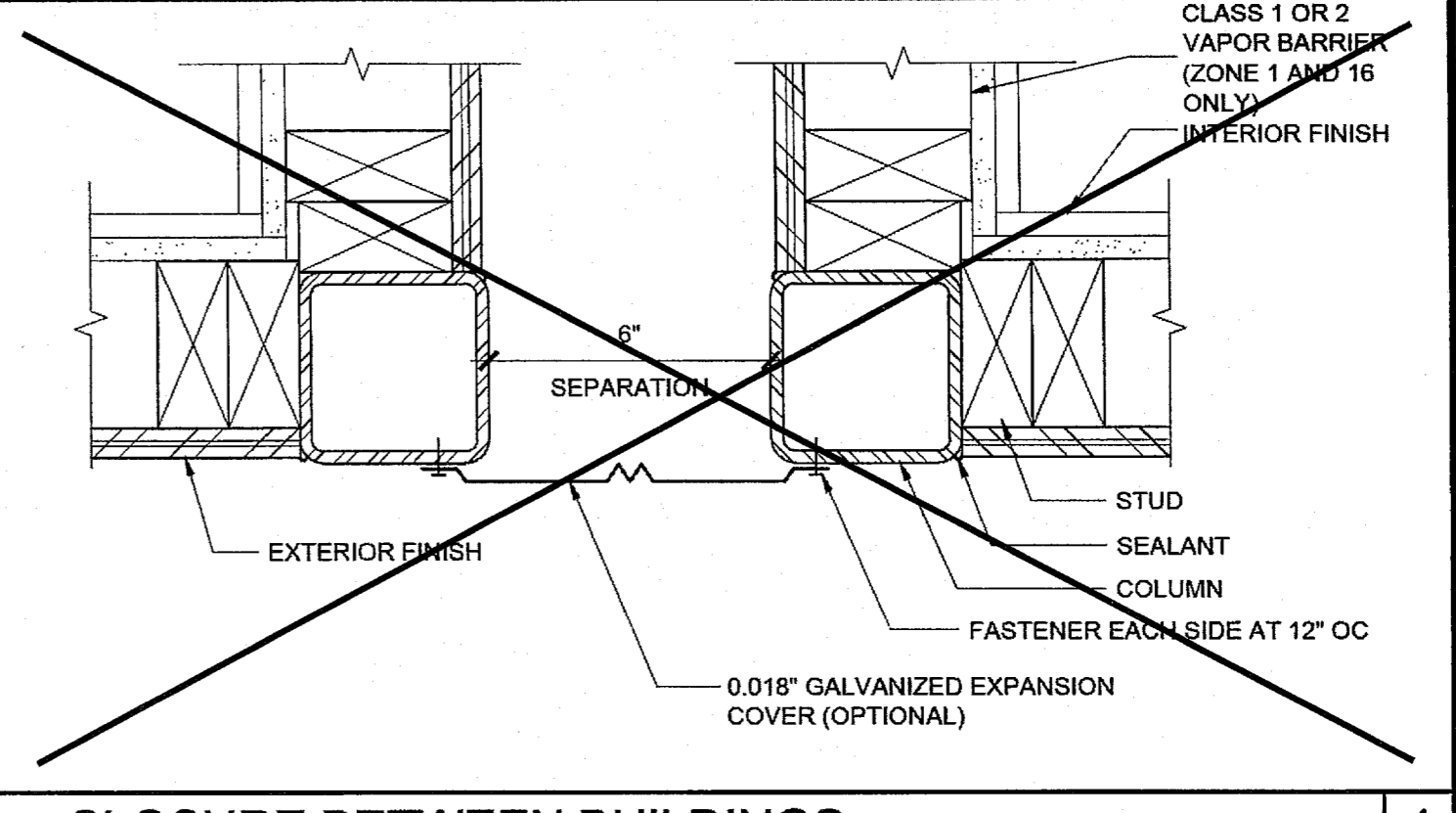
16 HVAC MOUNT AT JAMBS SCALE: 3\"/>



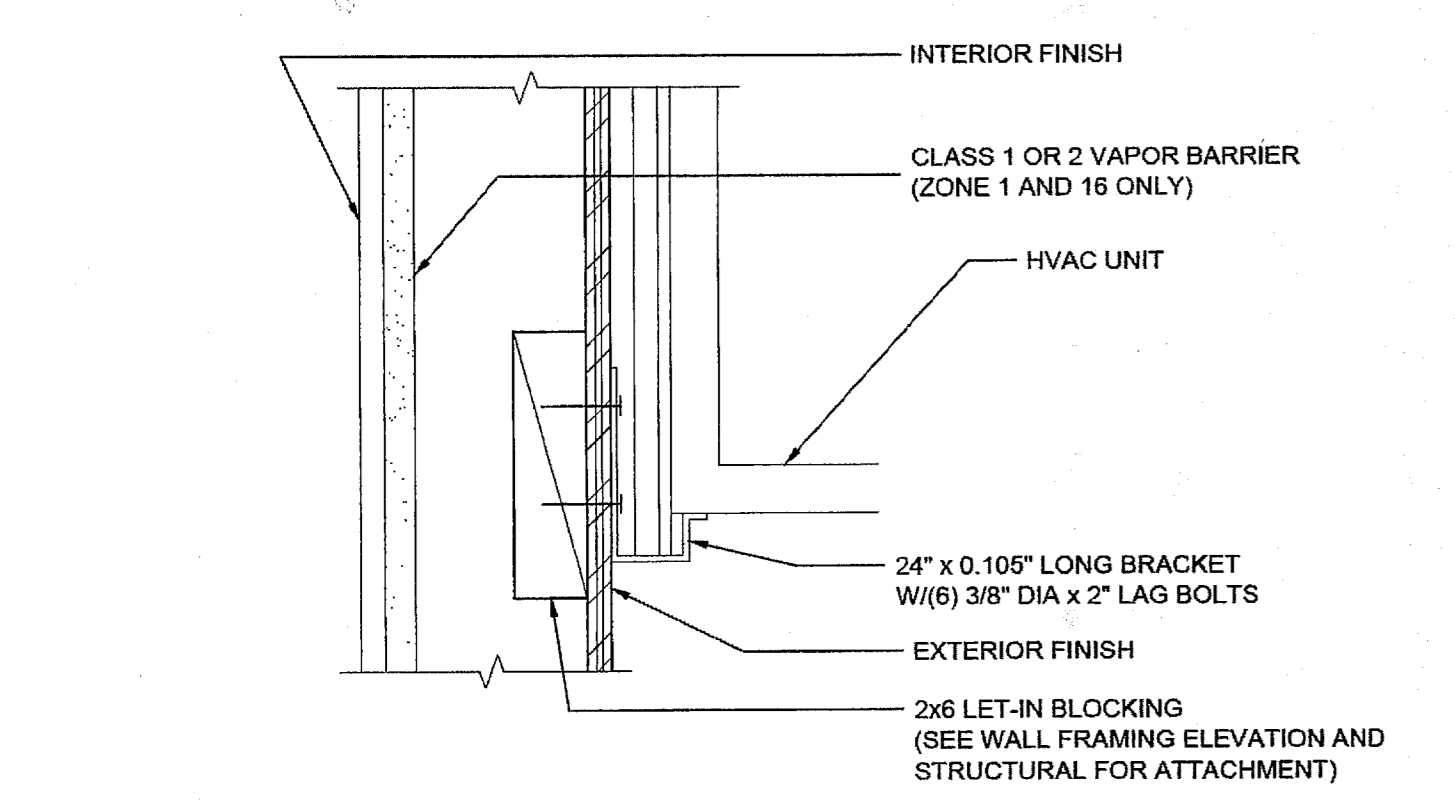
11 WINDOW SECTION AT JAMBS SCALE: 3\"/>



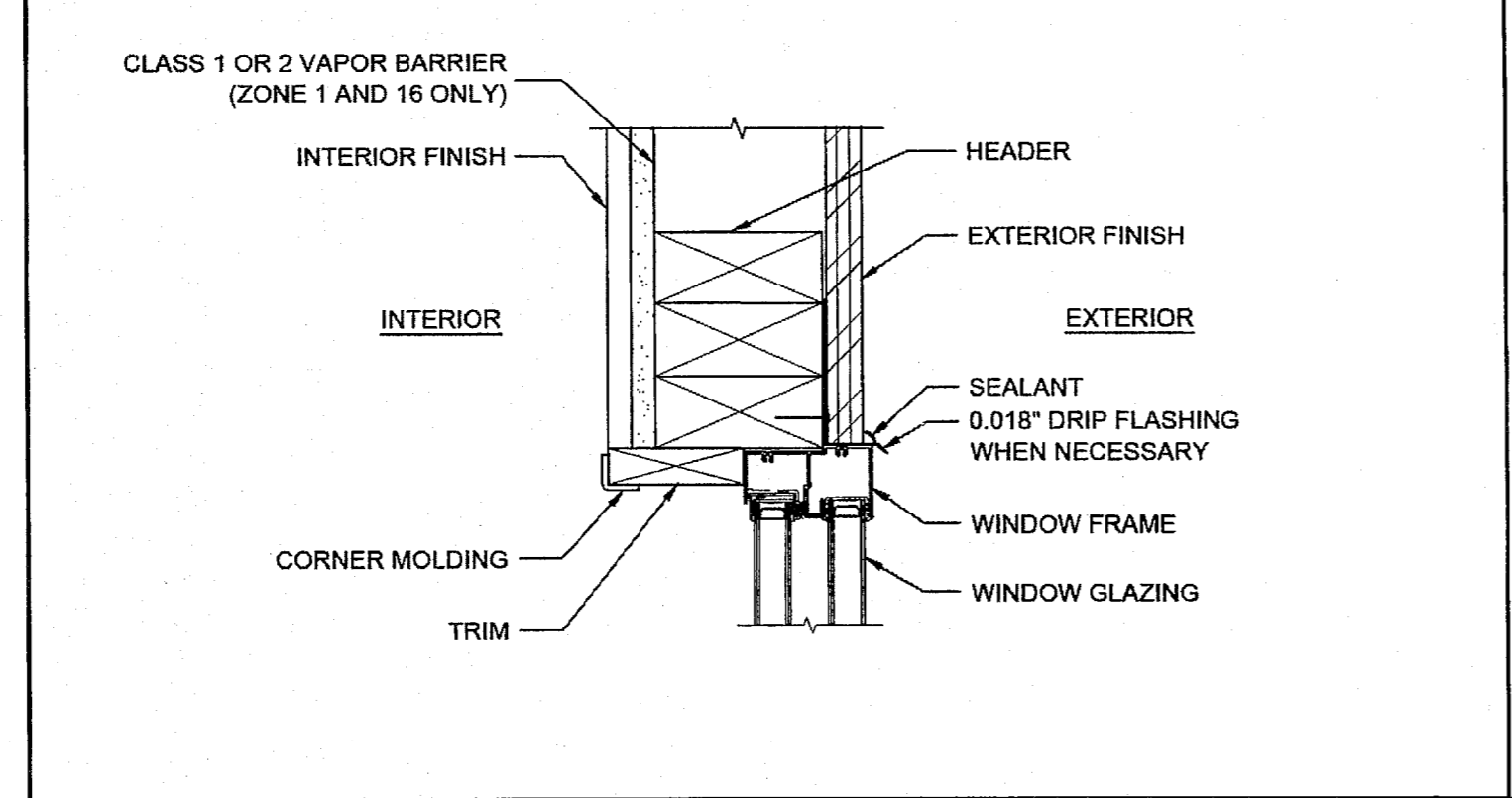
6 EXTERIOR DOOR HEADER SCALE: 3\"/>



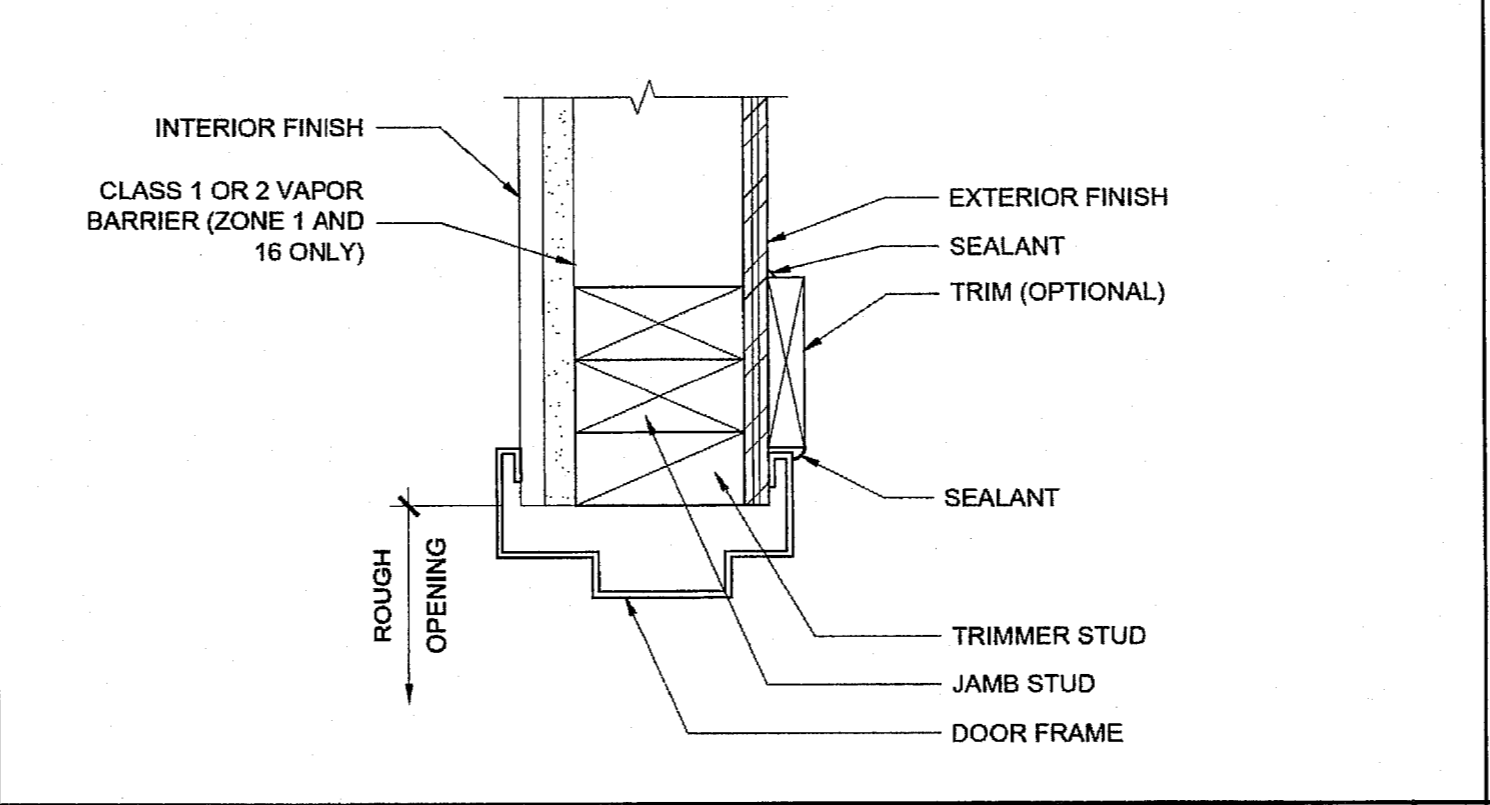
1 CLOSURE BETWEEN BUILDINGS SCALE: 3\"/>



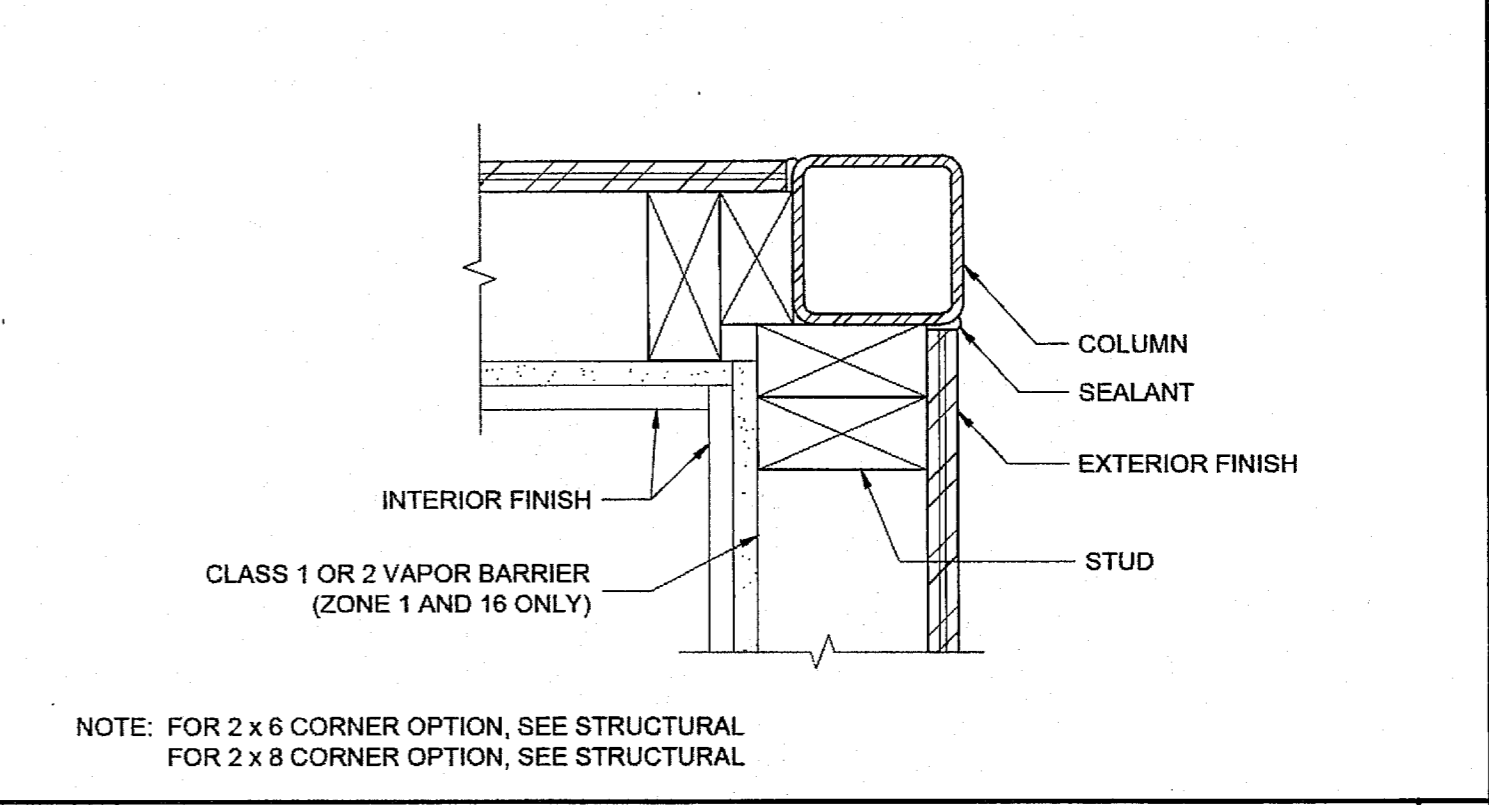
17 HVAC UNIT AT BOTTOM SCALE: 3\"/>



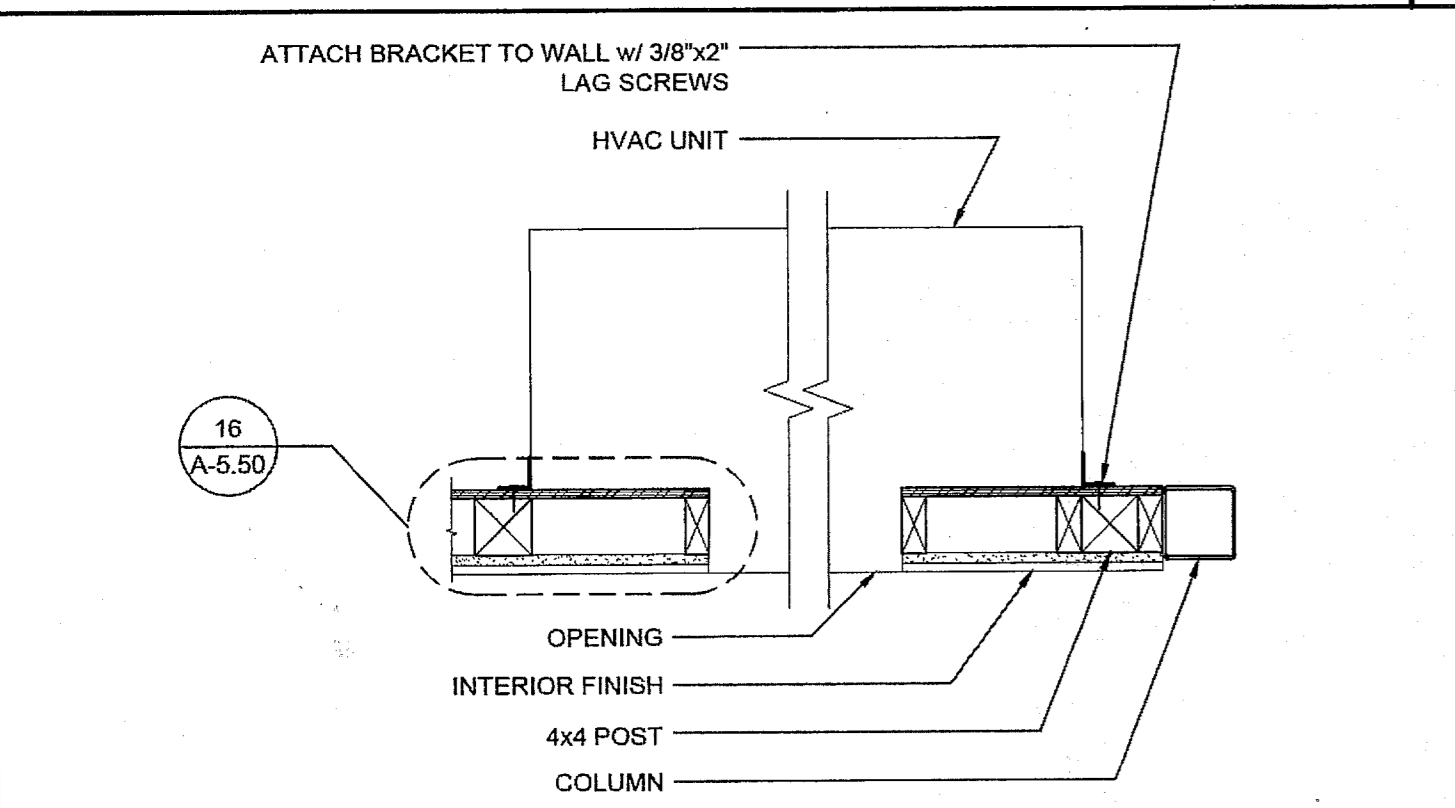
12 WINDOW HEADER SCALE: 3\"/>



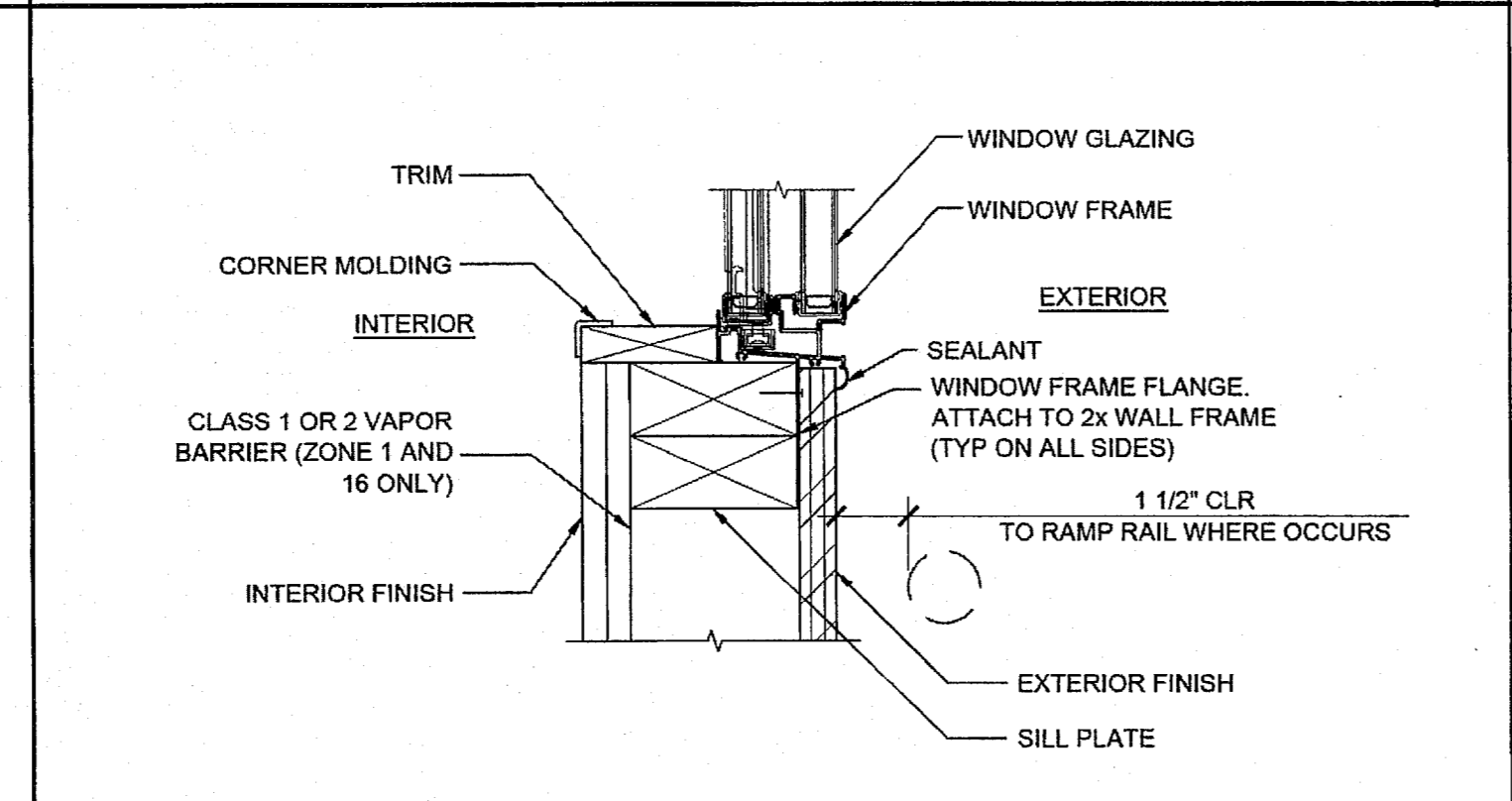
7 EXTERIOR DOOR JAMB SCALE: 3\"/>



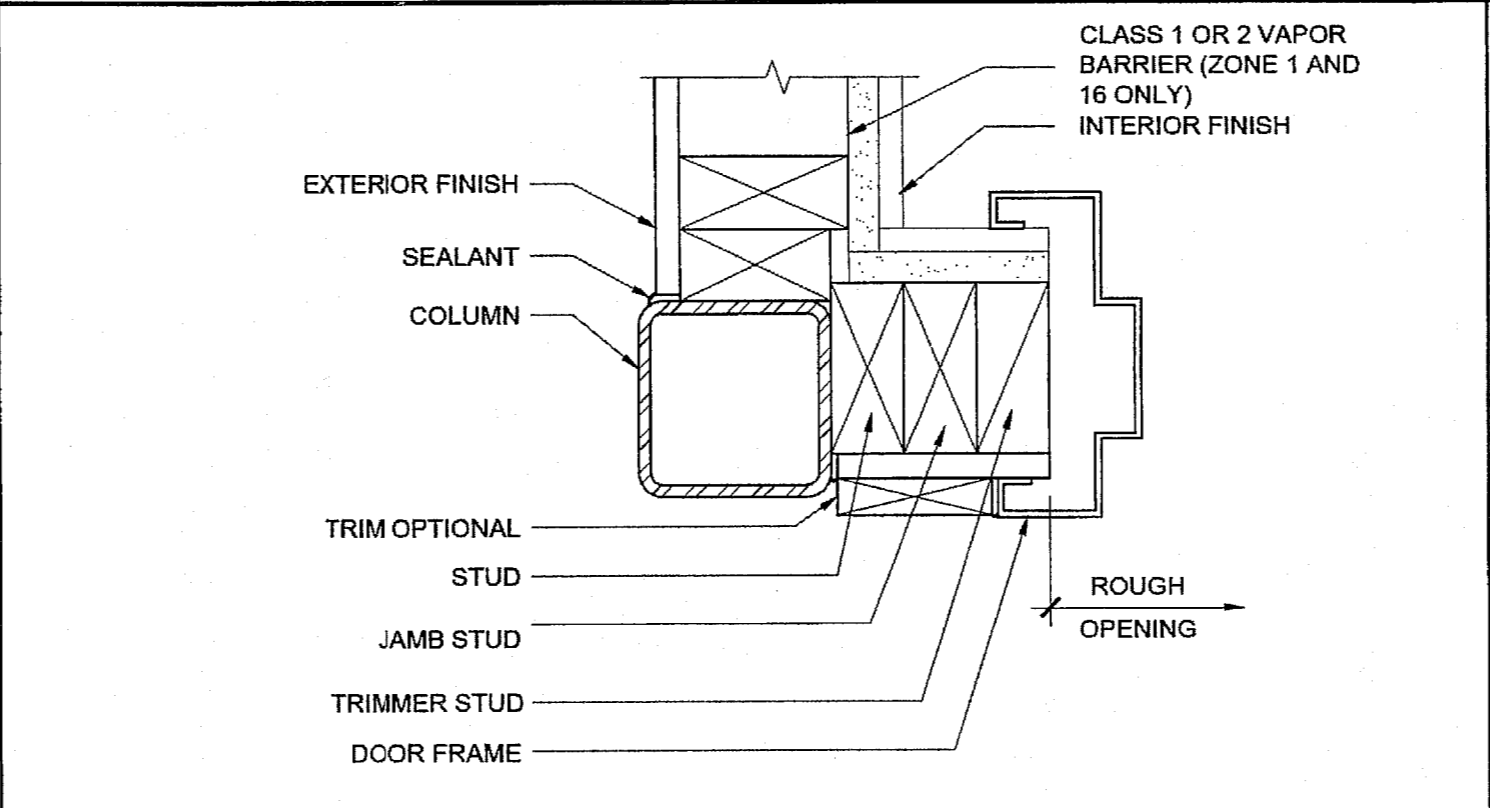
2 COLUMN AT CORNER SCALE: 3\"/>



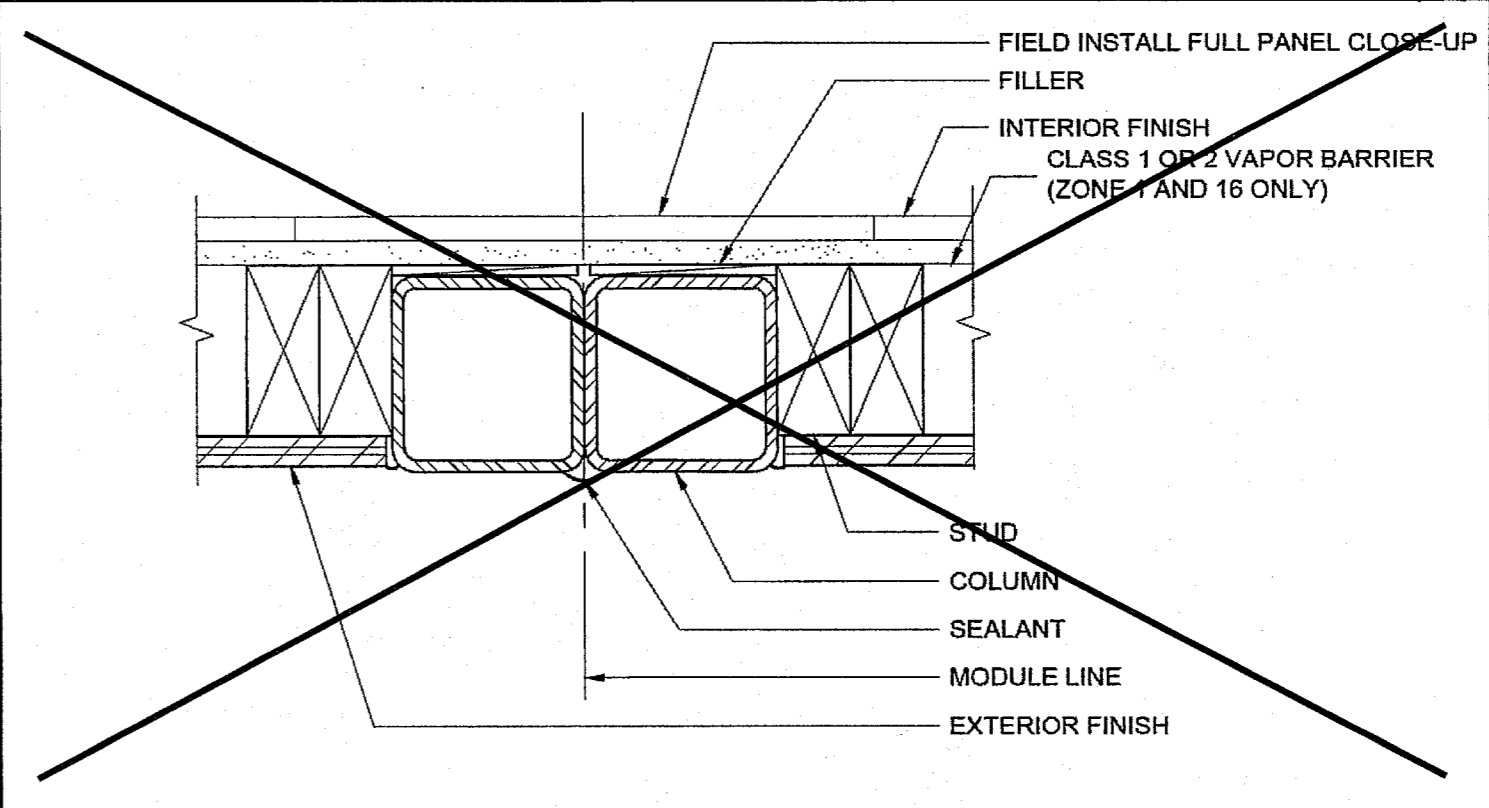
18 HVAC UNIT (PLAN) SCALE: 1\"/>



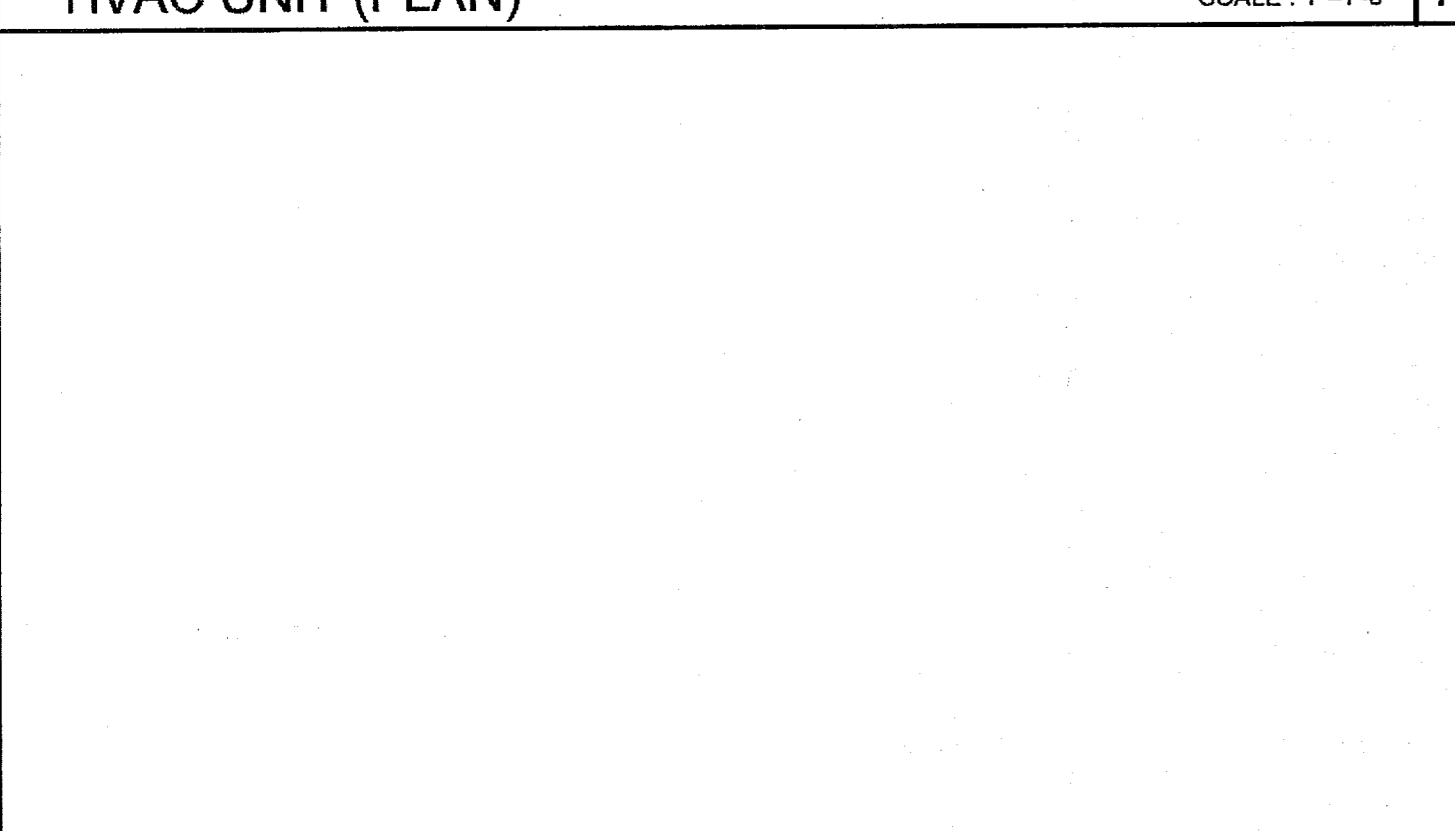
13 WINDOW SILL SCALE: 3\"/>



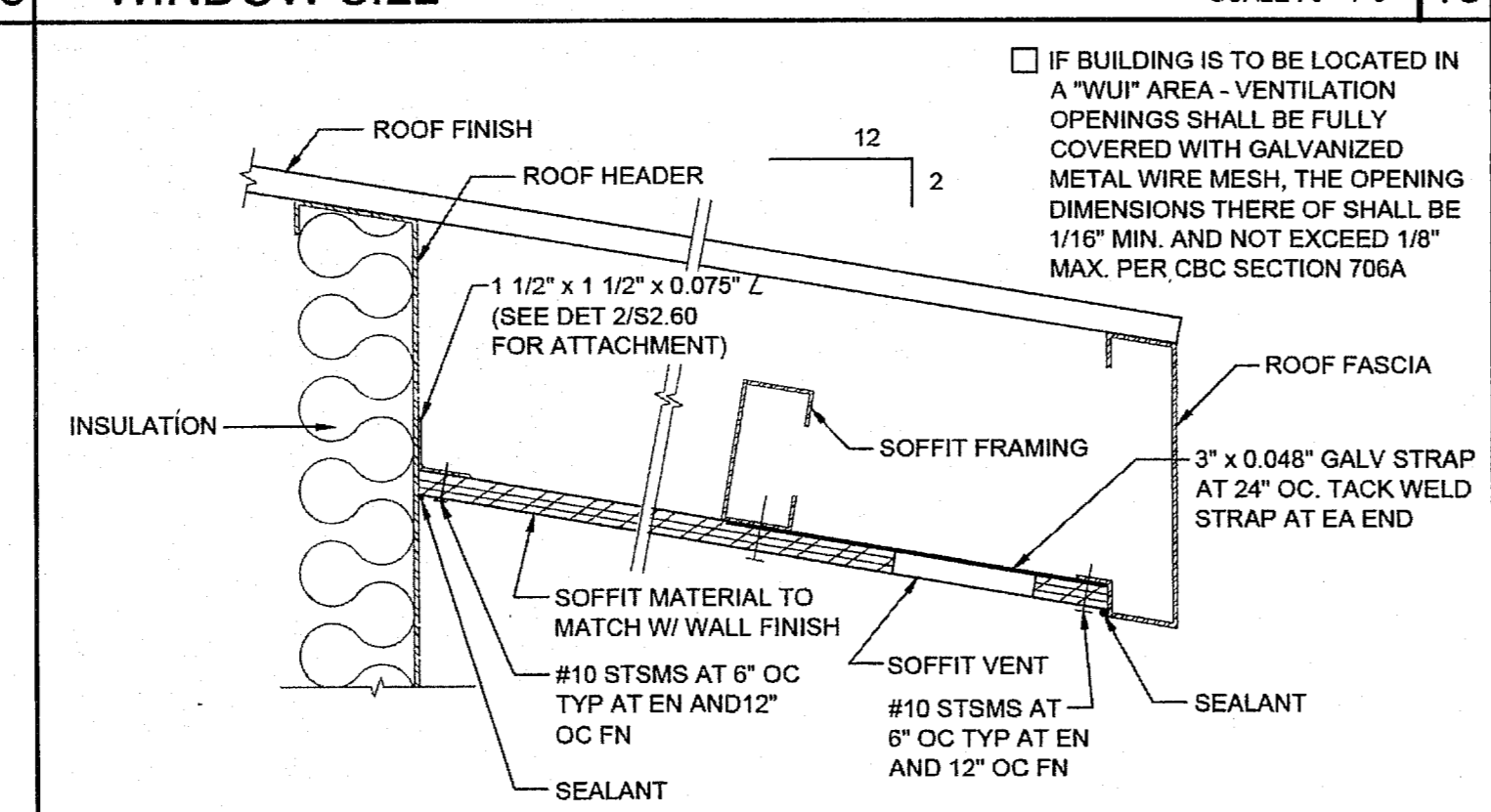
8 EXTERIOR DOOR JAMB SCALE: 3\"/>



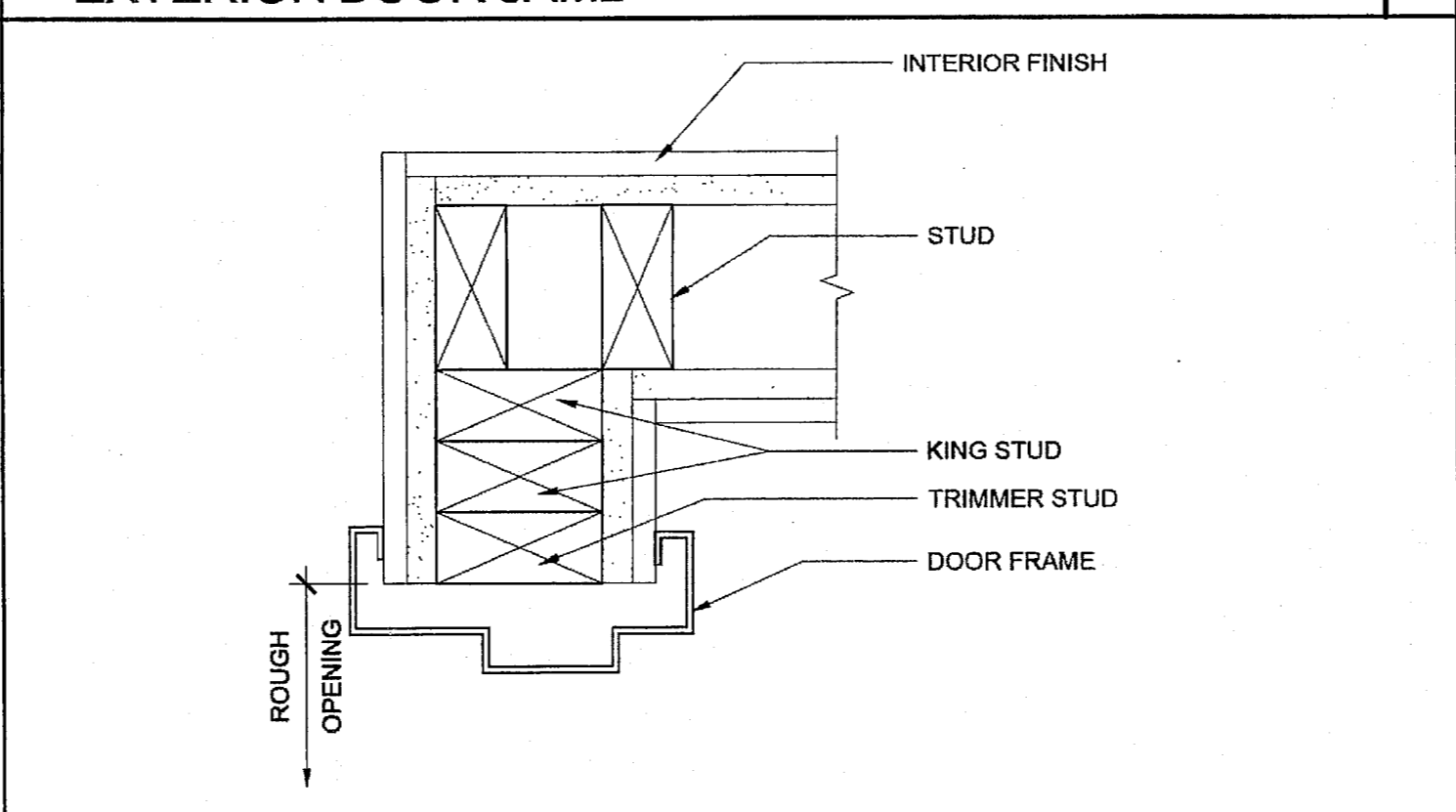
3 COLUMN AT MODULE LINE (FULL PANEL CLOSE-UP) SCALE: 3\"/>



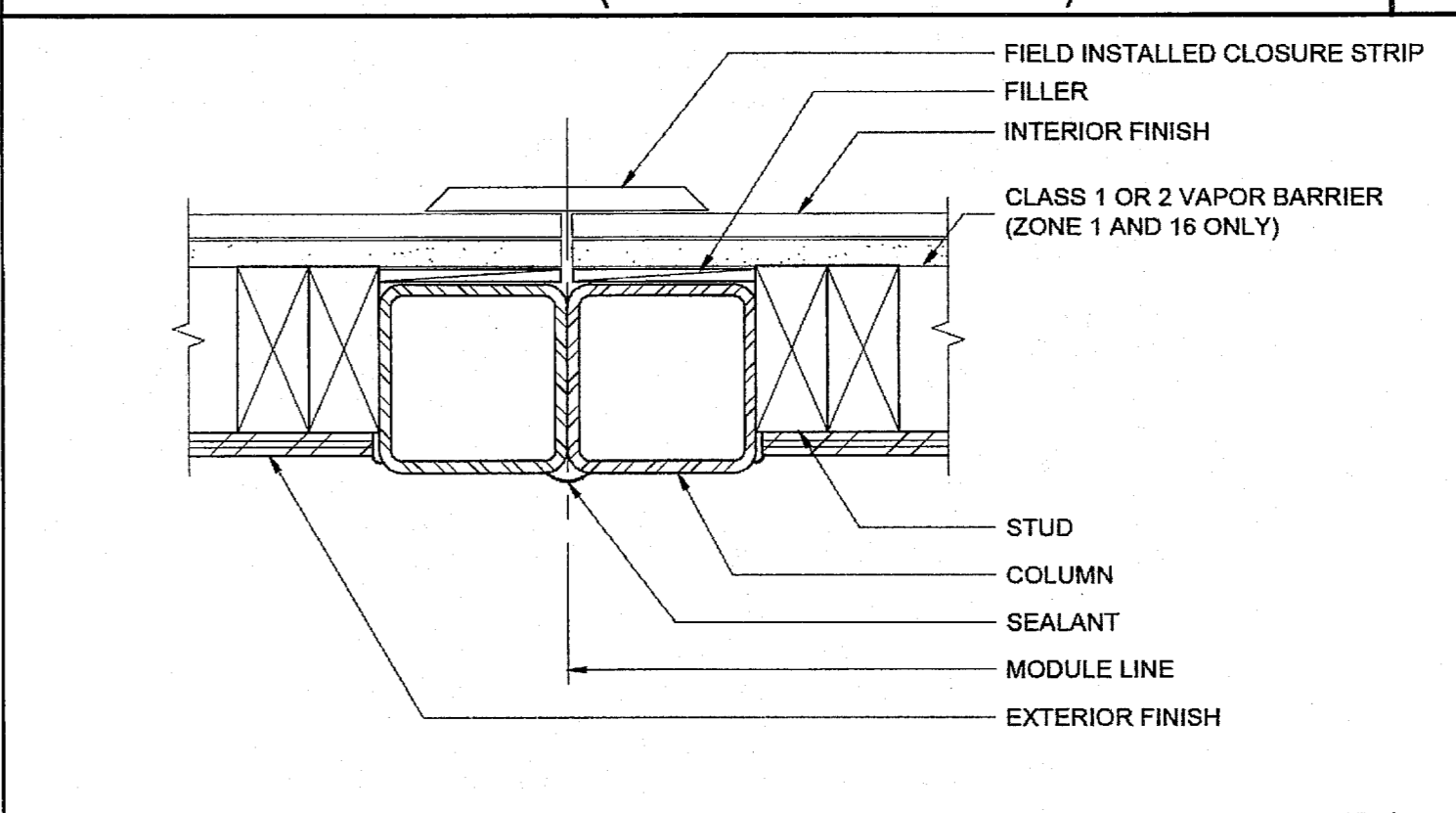
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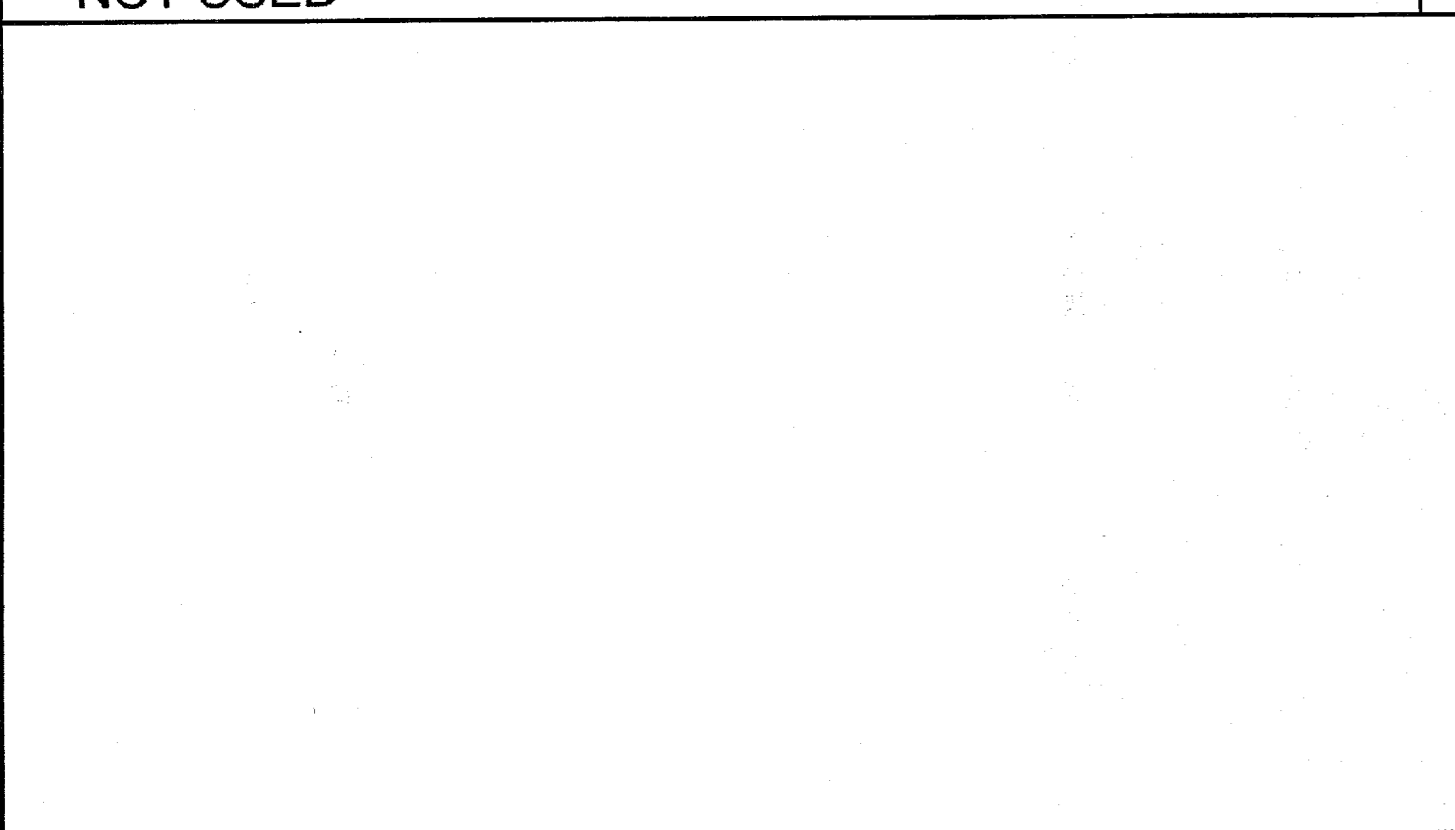
14 SOFFIT AT ROOF HEADER WITH VENT SCALE: 3\"/>



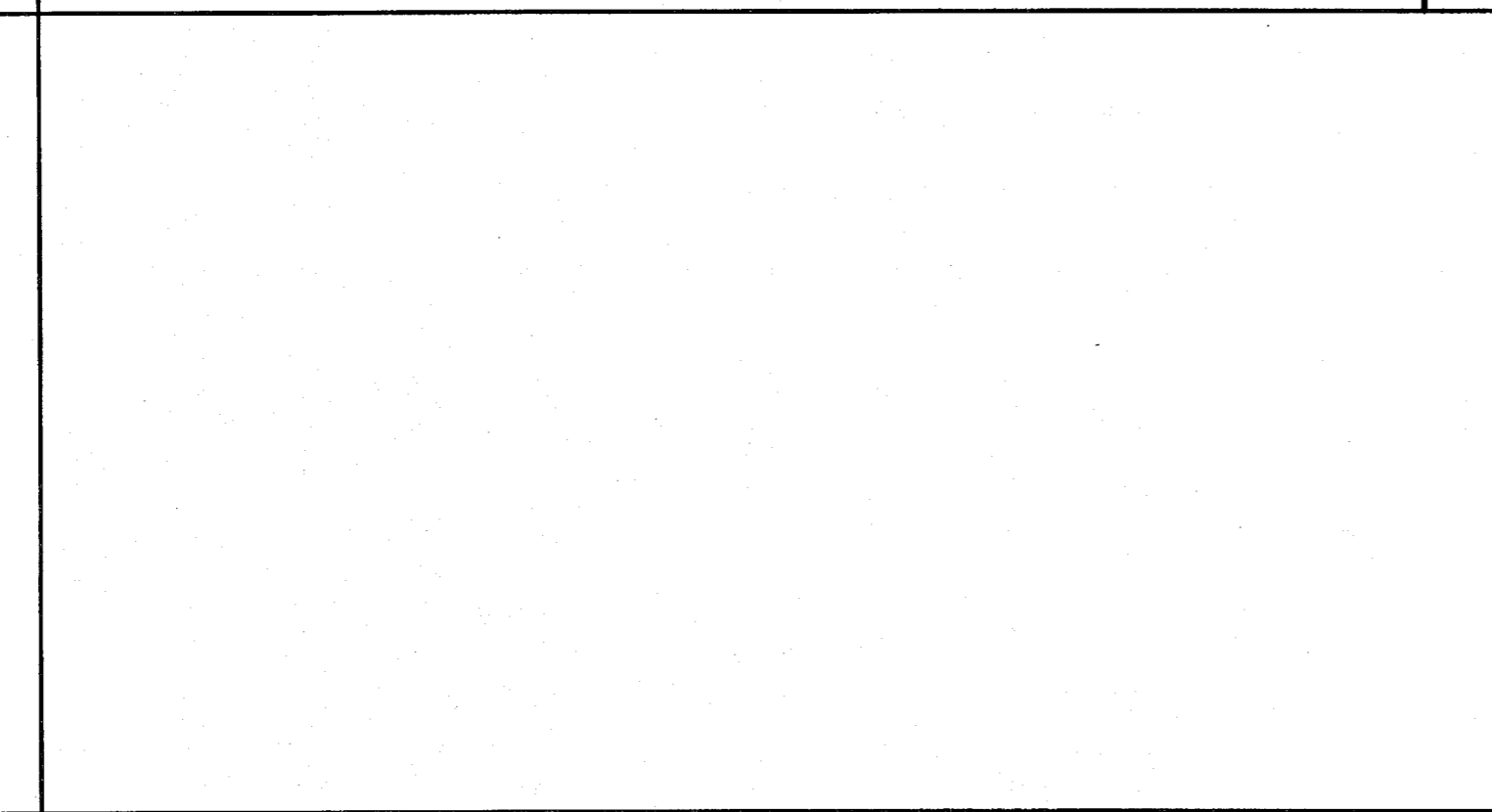
9 INTERIOR DOOR JAMB SCALE: 3\"/>



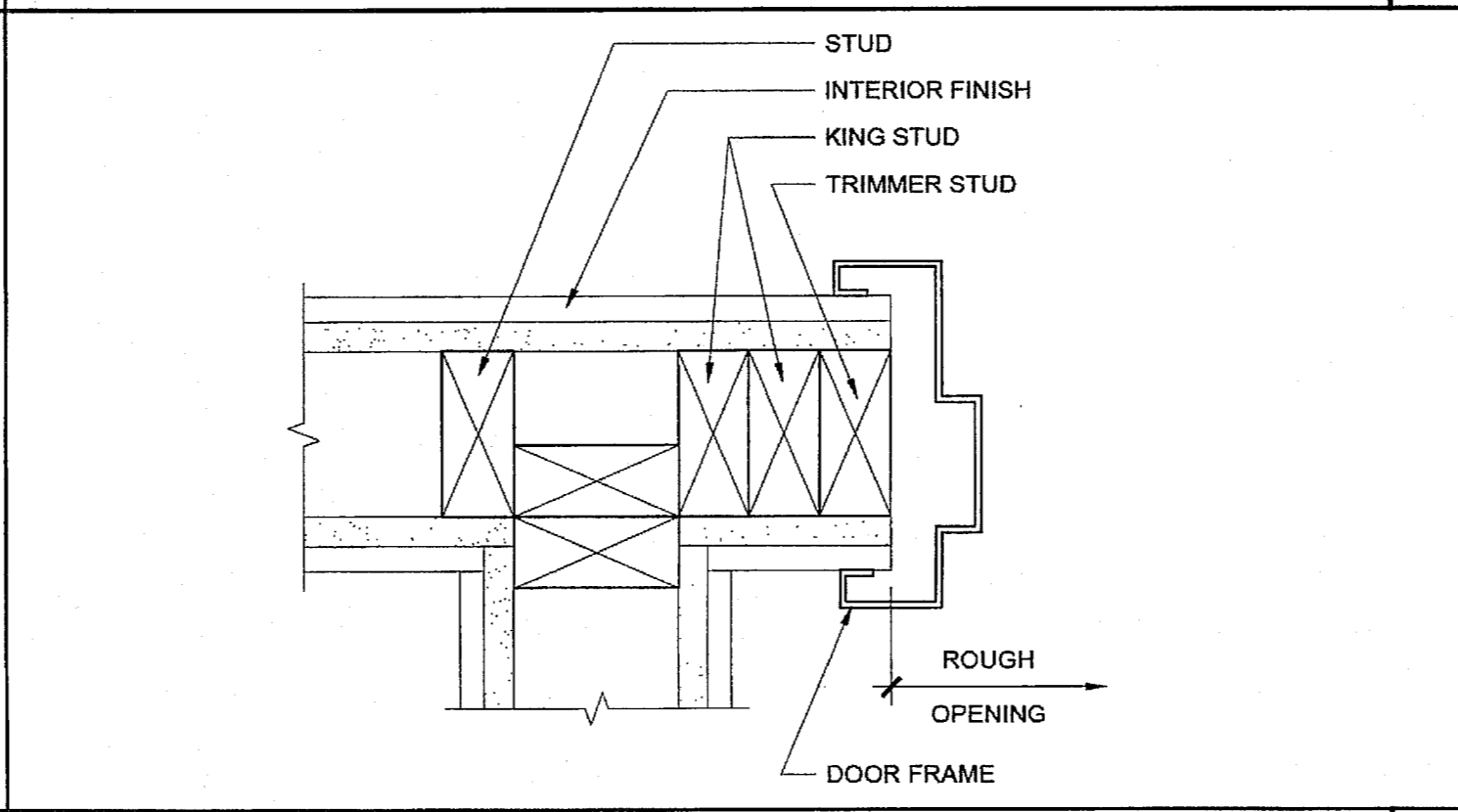
4 COLUMN AT MODULE LINE (CLOSURE STRIP) SCALE: 3\"/>



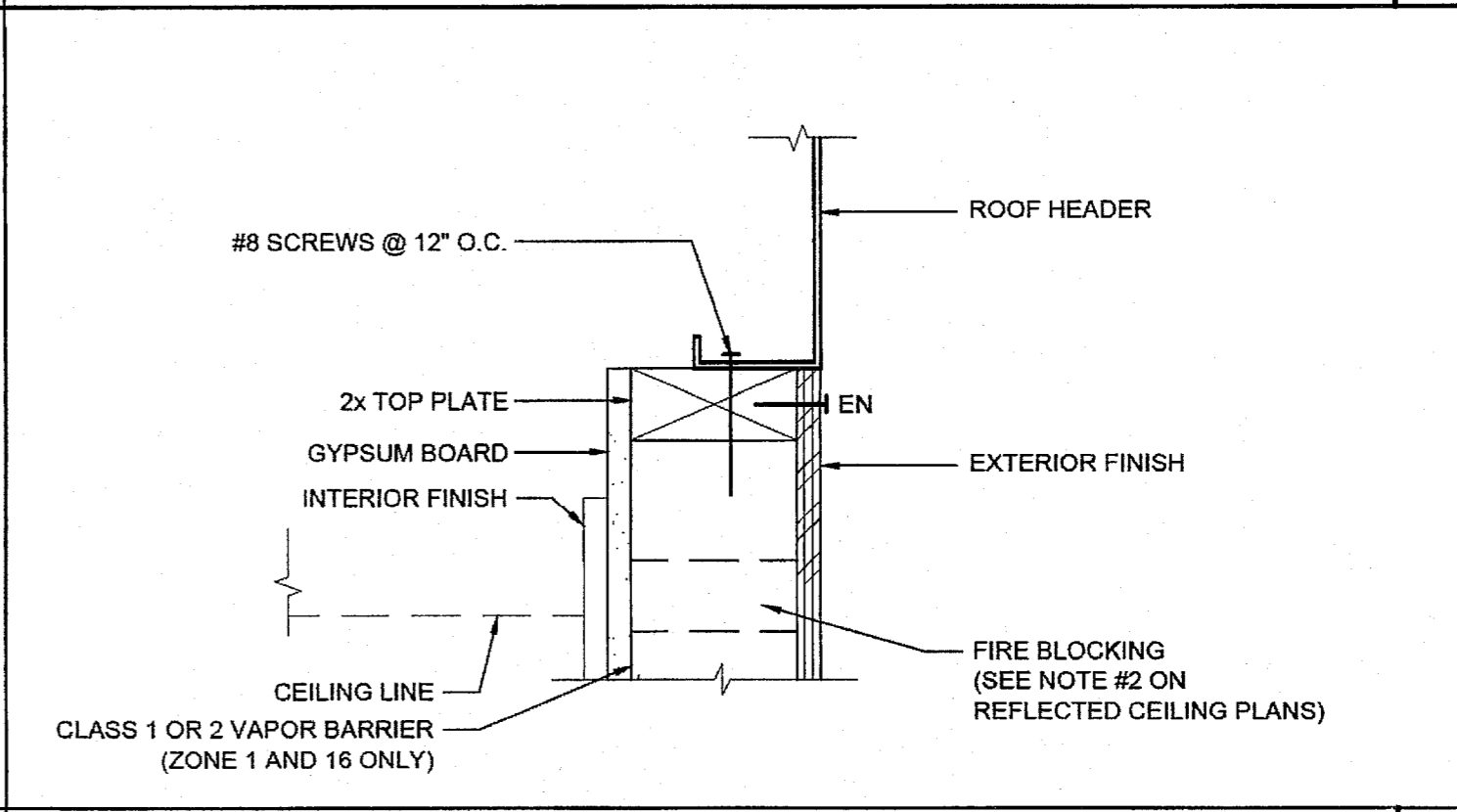
20 NOT USED



15 INTERIOR DOOR JAMBS SCALE: 3\"/>



10 TOP PLATE AT ROOF HEADER SCALE: 3\"/>



5 TOP PLATE AT ROOF HEADER SCALE: 3\"/>

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SILVER CREEK INDUSTRIES, INC. "BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ARCHITECTURAL DETAILS WOOD STUD - SHTG

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS RAE
DATE MAY 16 2017

ORIGINAL PC STATE AGENCY APPROVAL

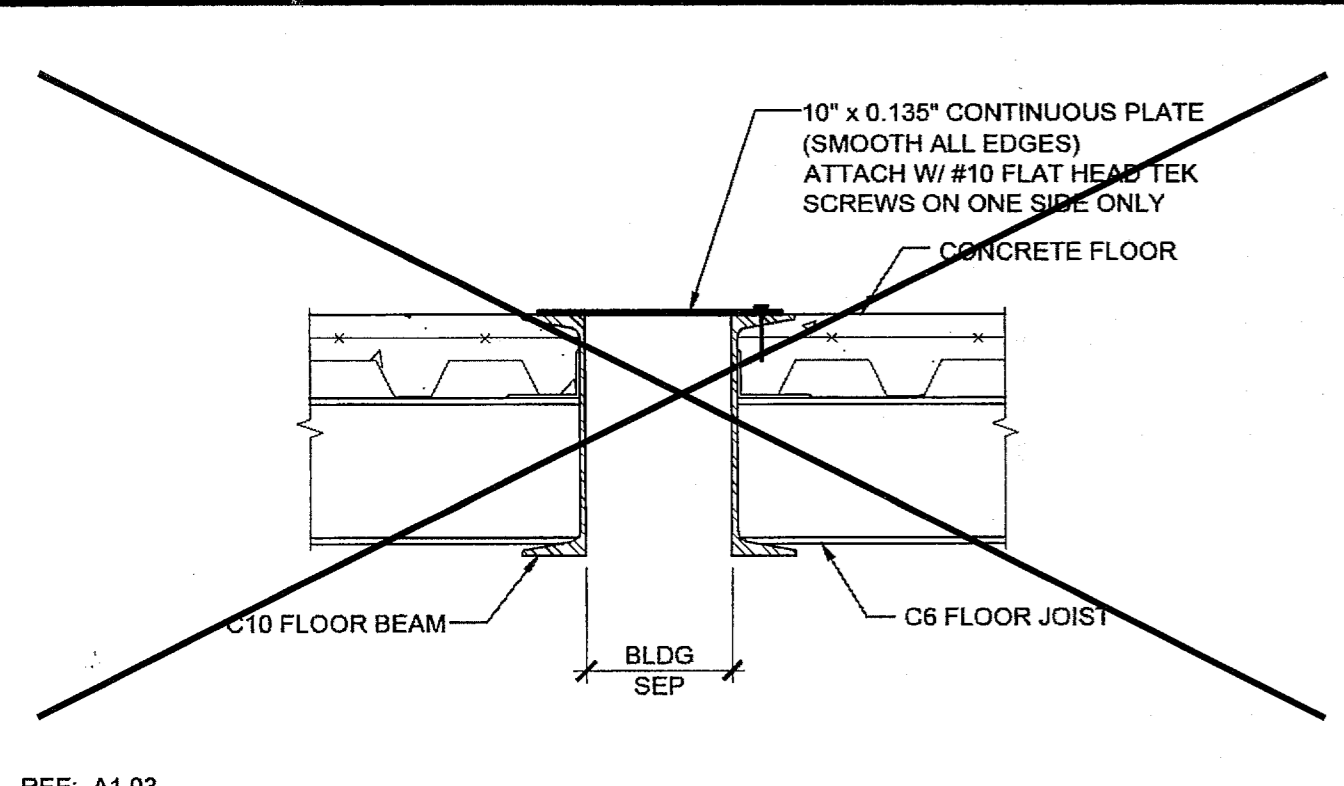
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OFFICE OF REGULATION SERVICES
PC 04-114102
AC FLS RAE
DATE AUG - 4 2015

REVISIONS

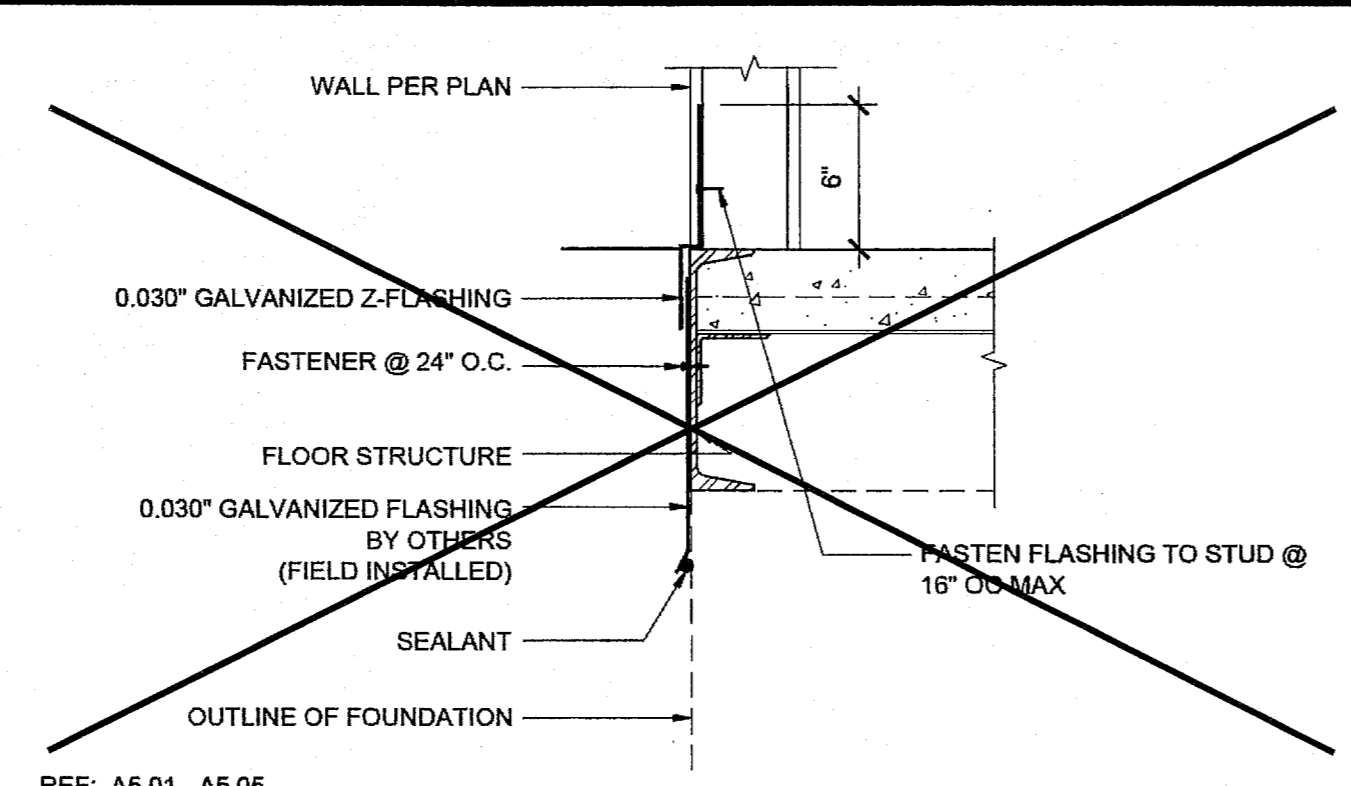
SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15

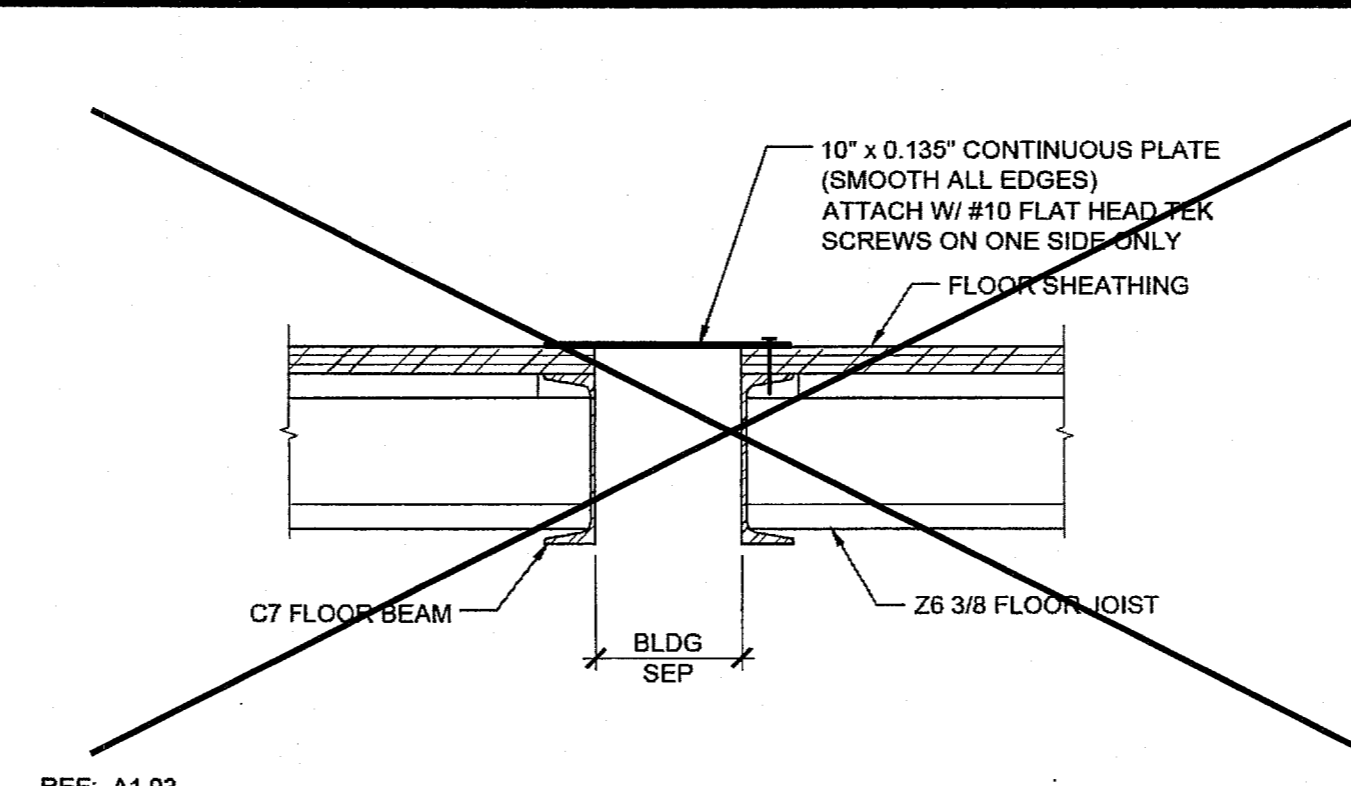
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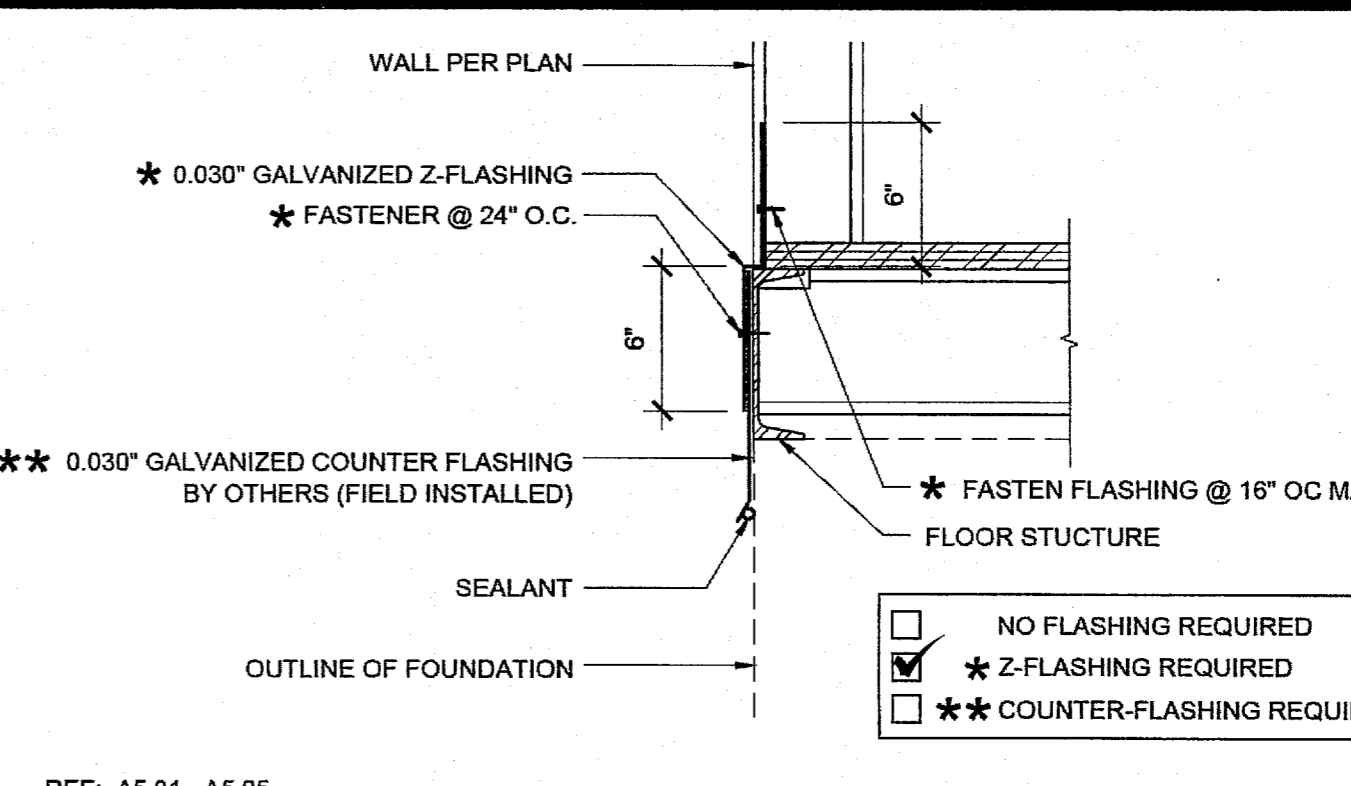
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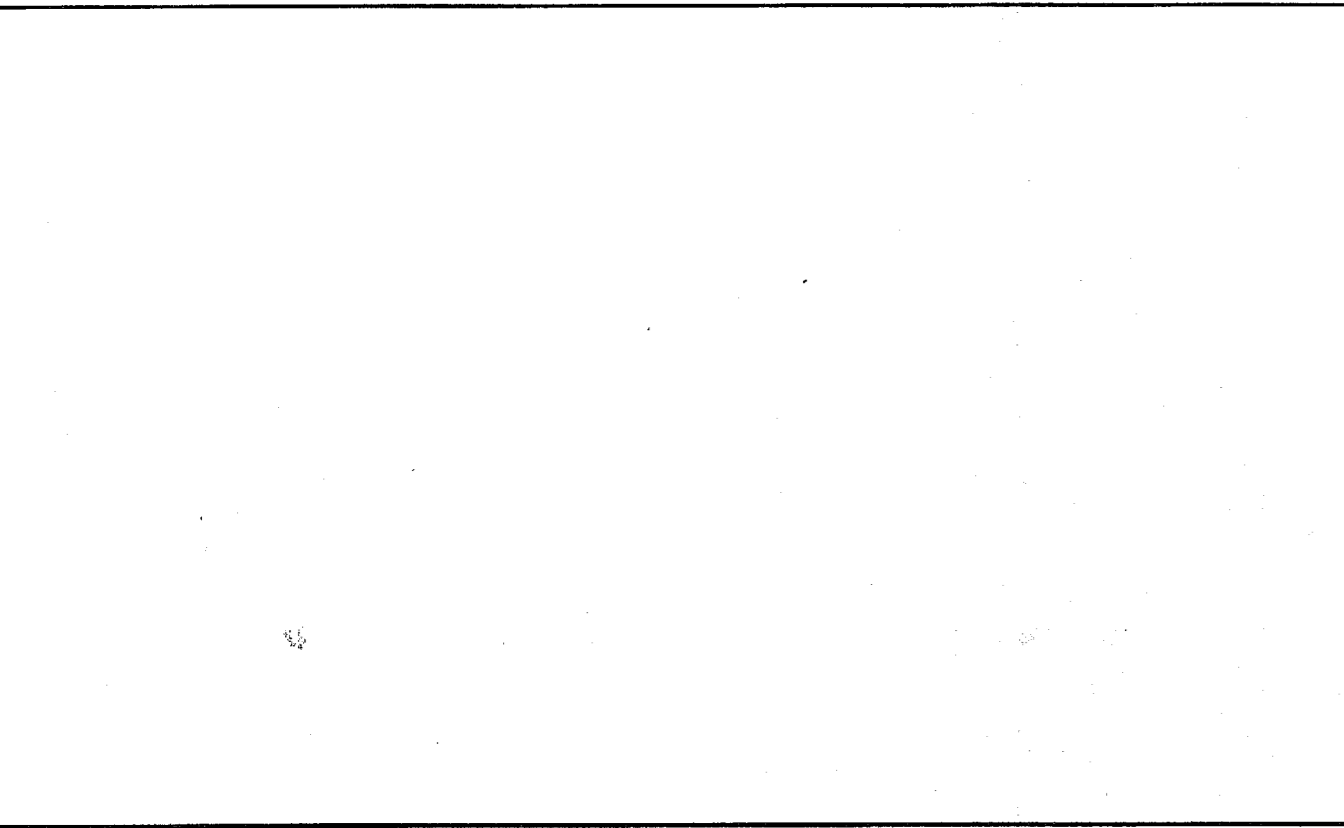
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SKIRT FLASHING (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" **11**



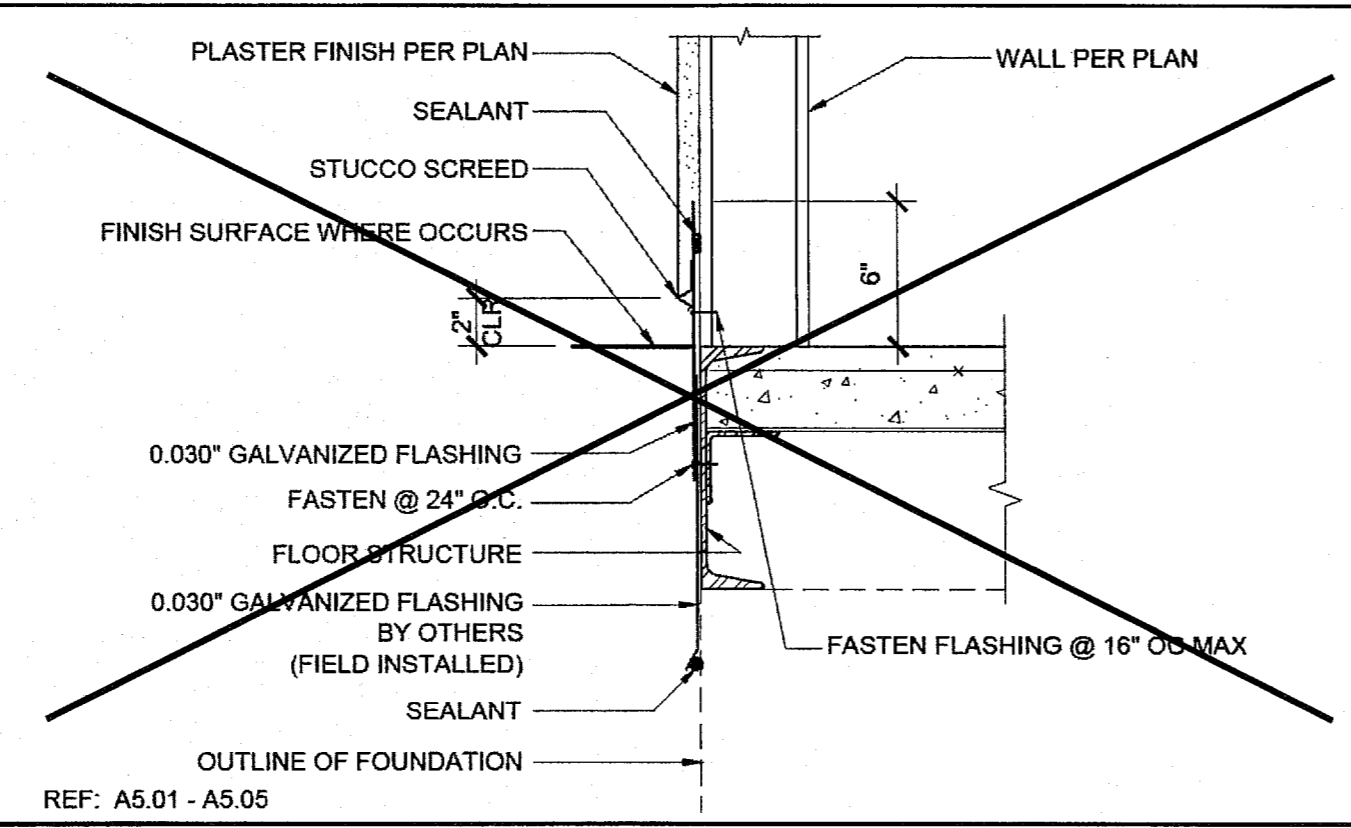
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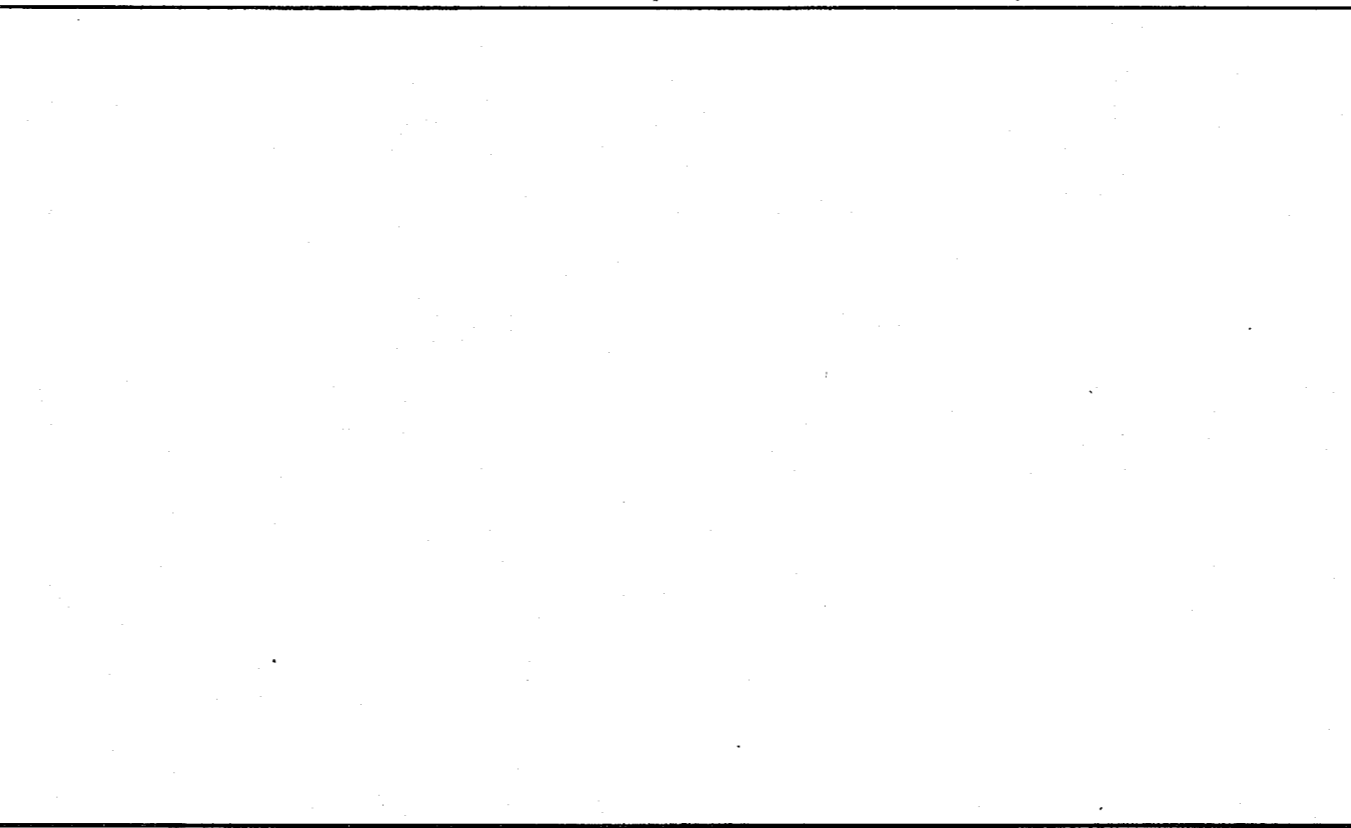
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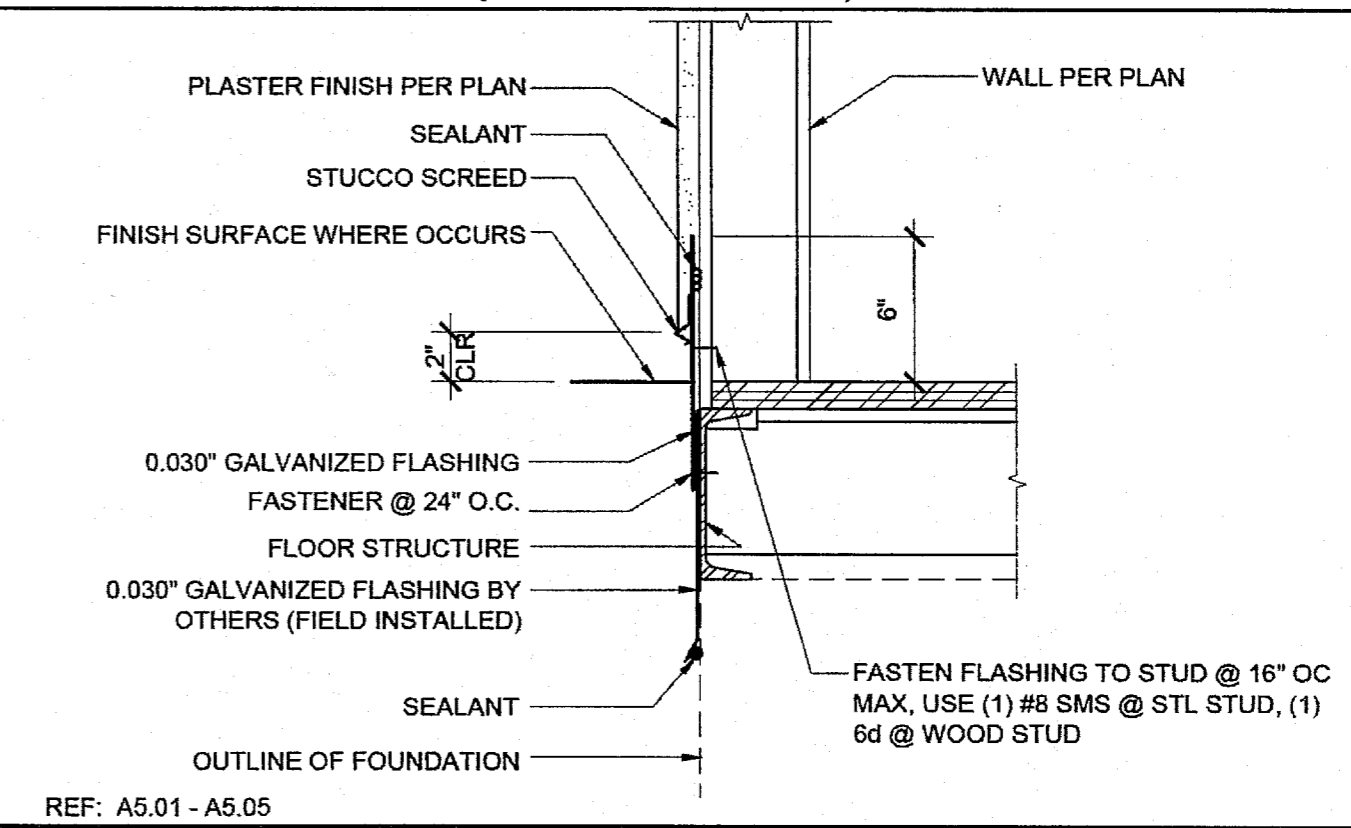
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SKIRT FLASHING (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" **12**



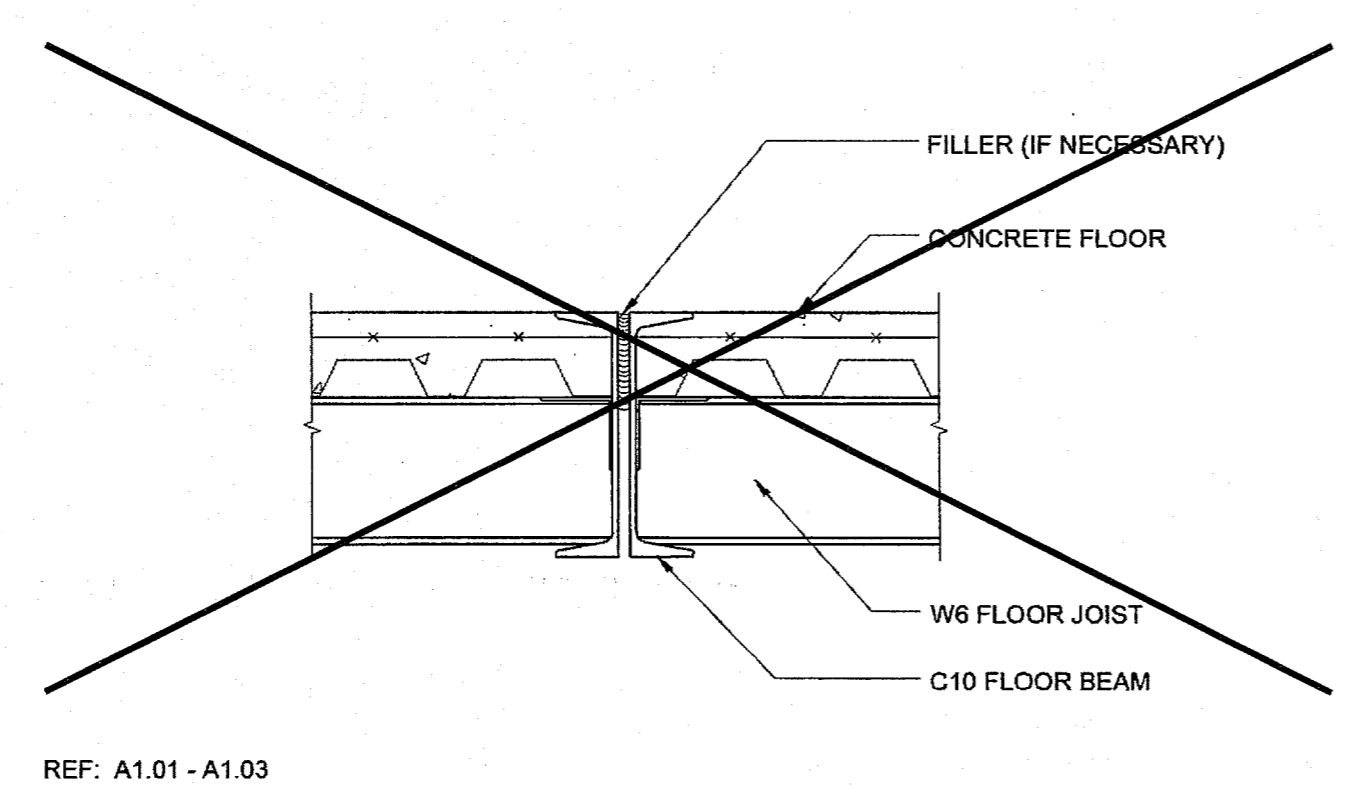
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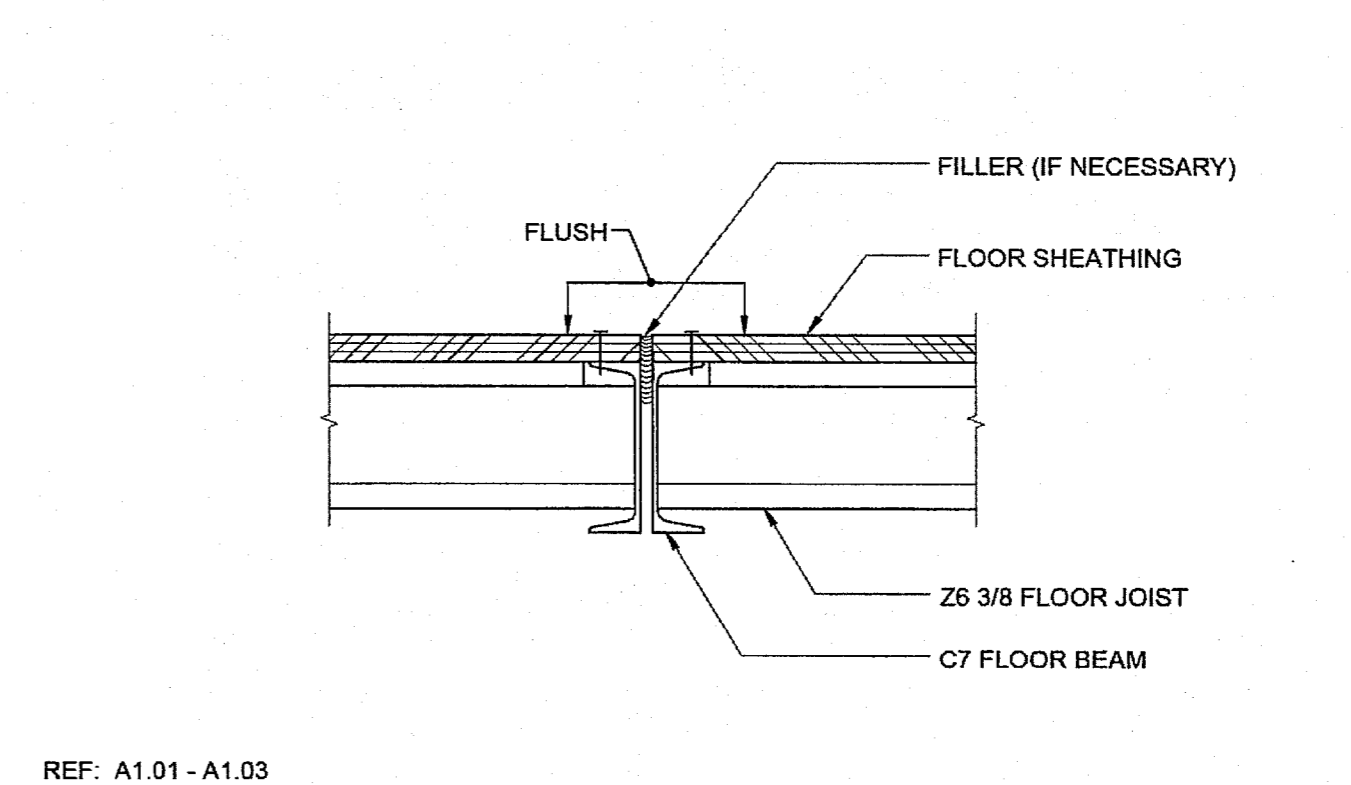
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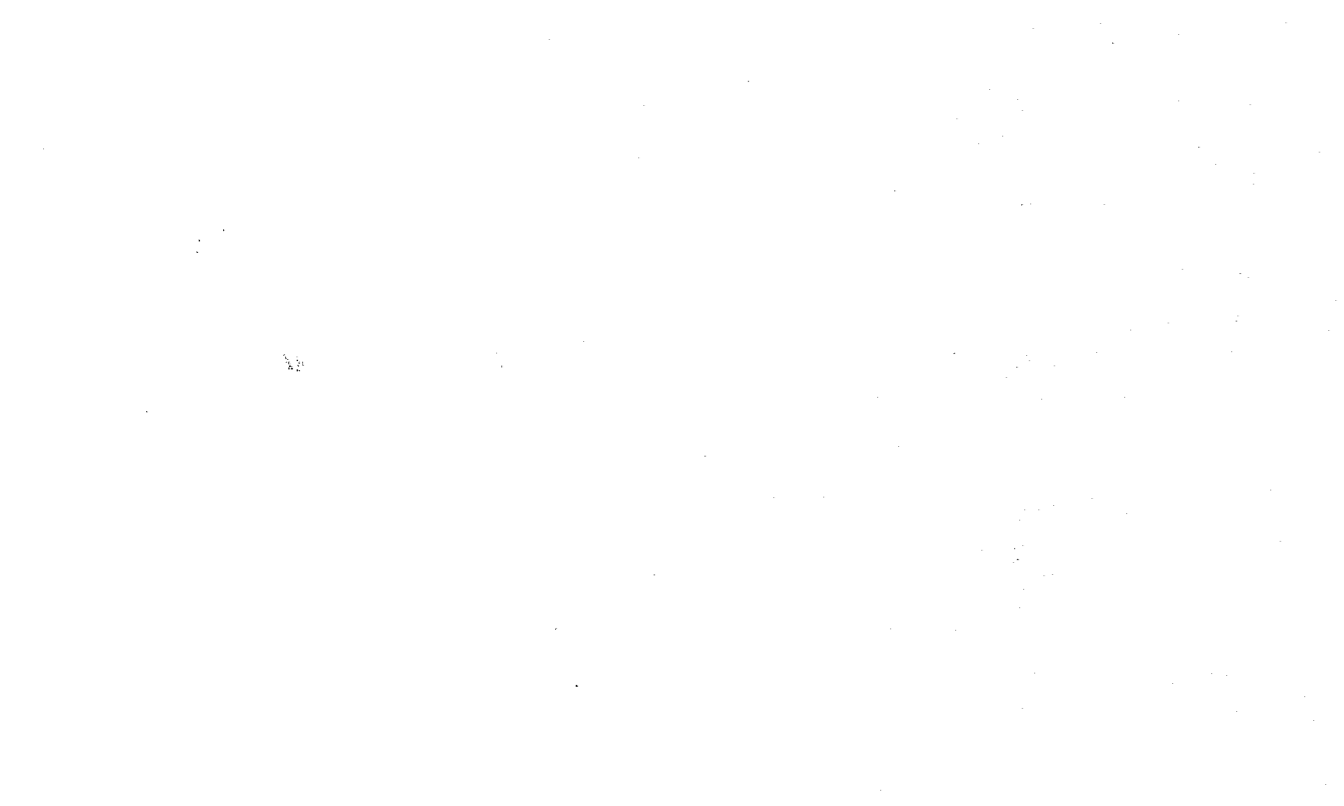
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FLOOR AT MODLINE (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" **13**



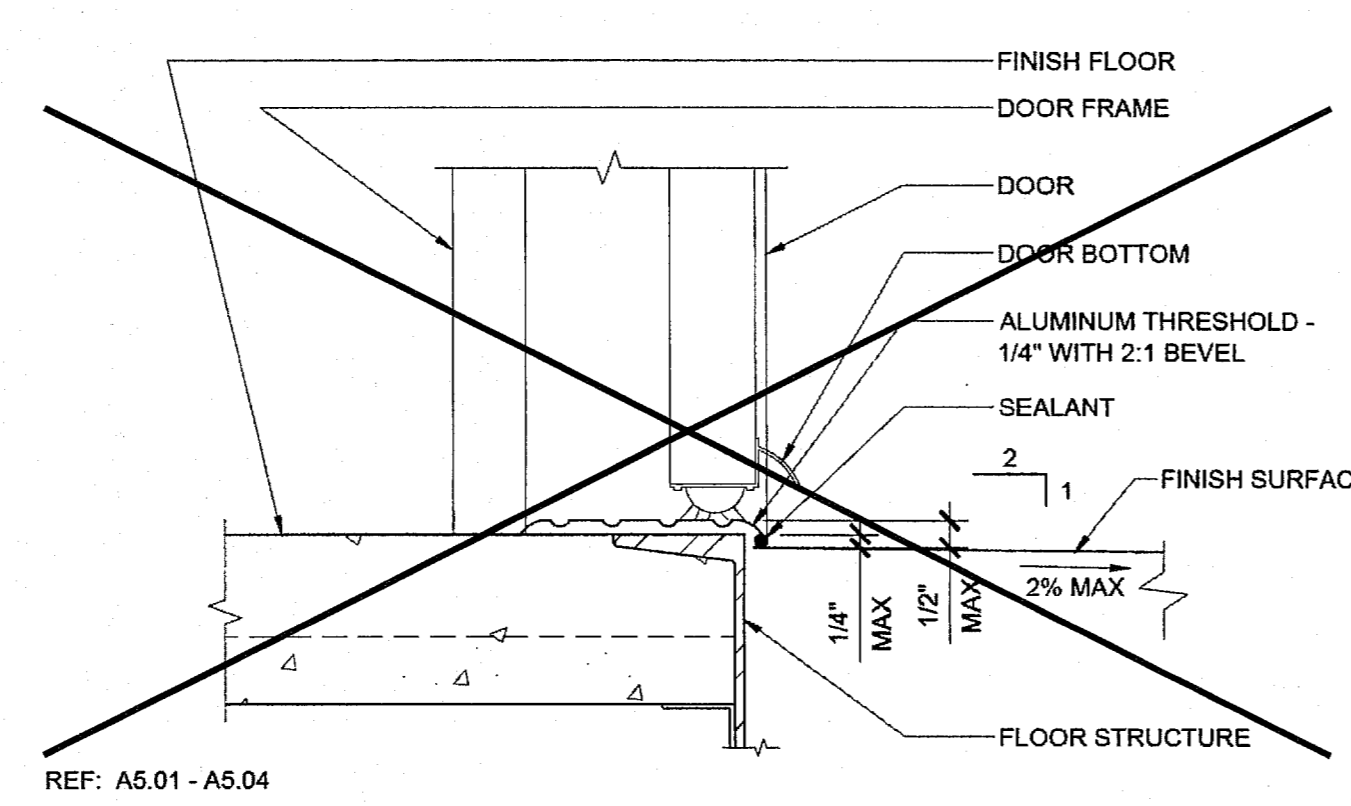
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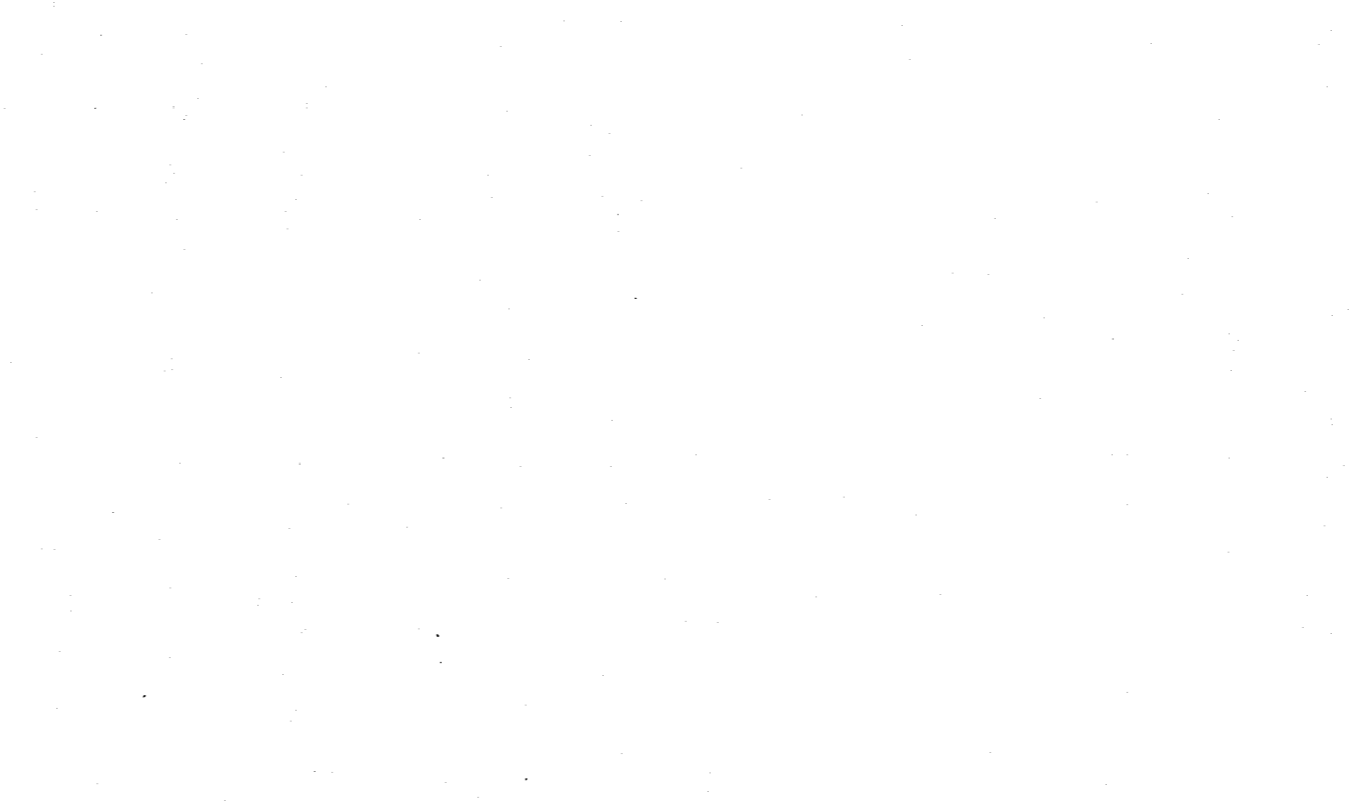
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FLOOR AT MODLINE (WOOD FLOOR) SCALE: 1 1/2"=1'-0" **3**



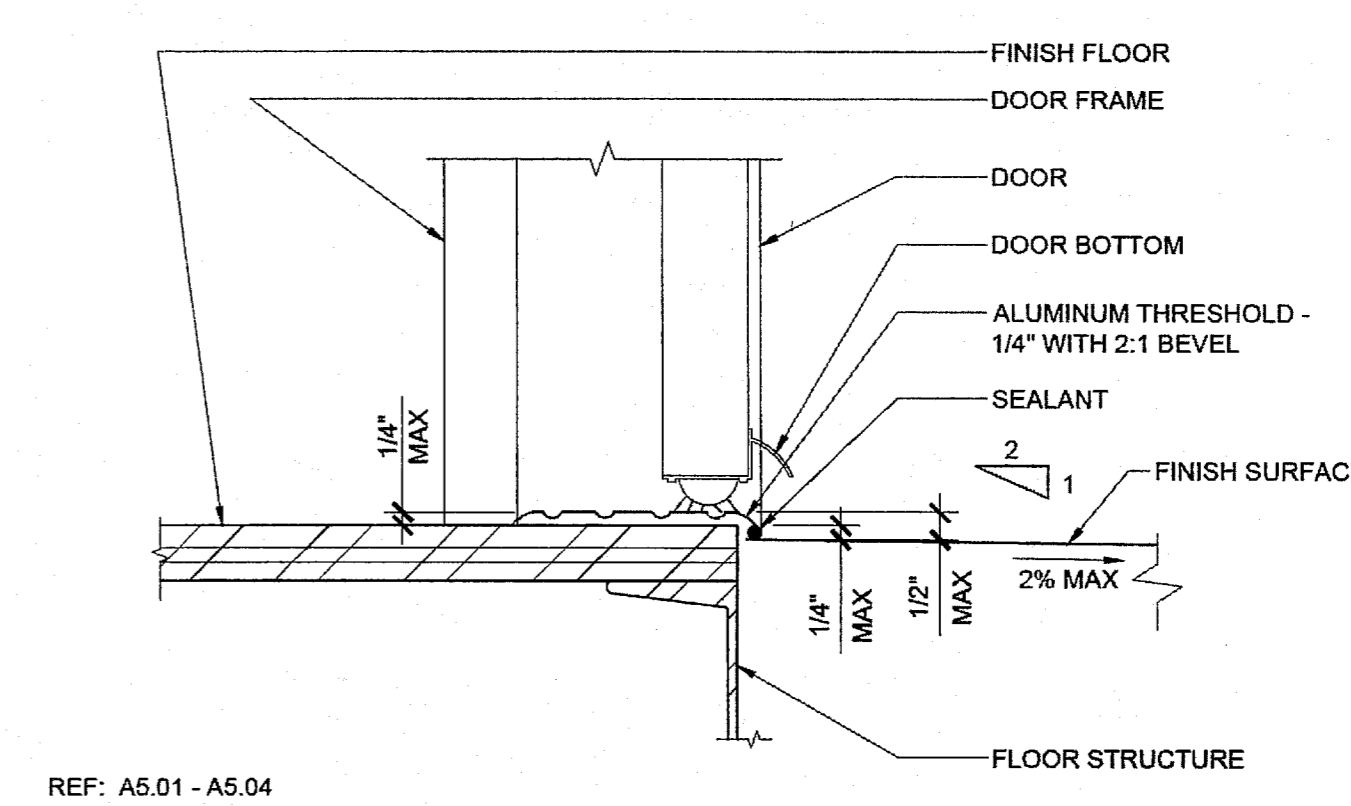
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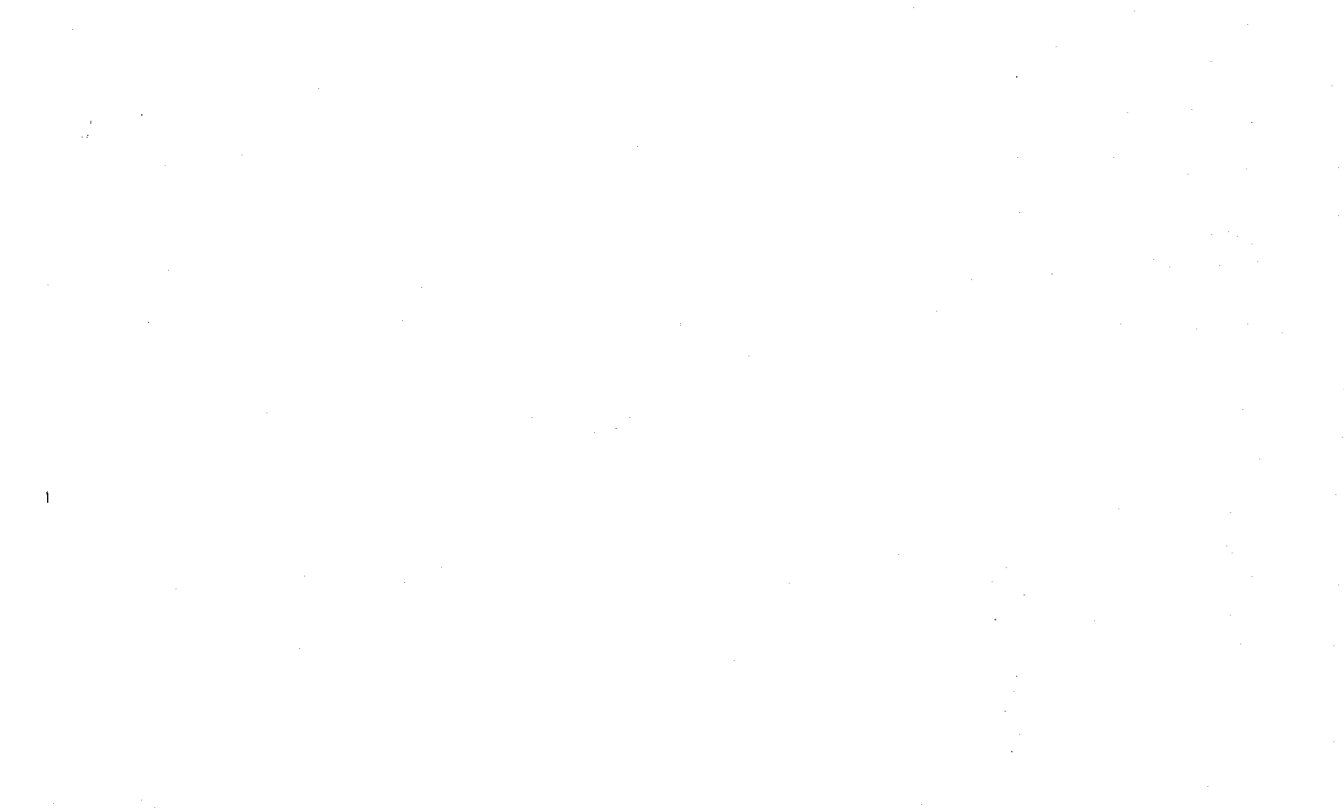
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THRESHOLD SCALE: 3"=1'-0" **14**



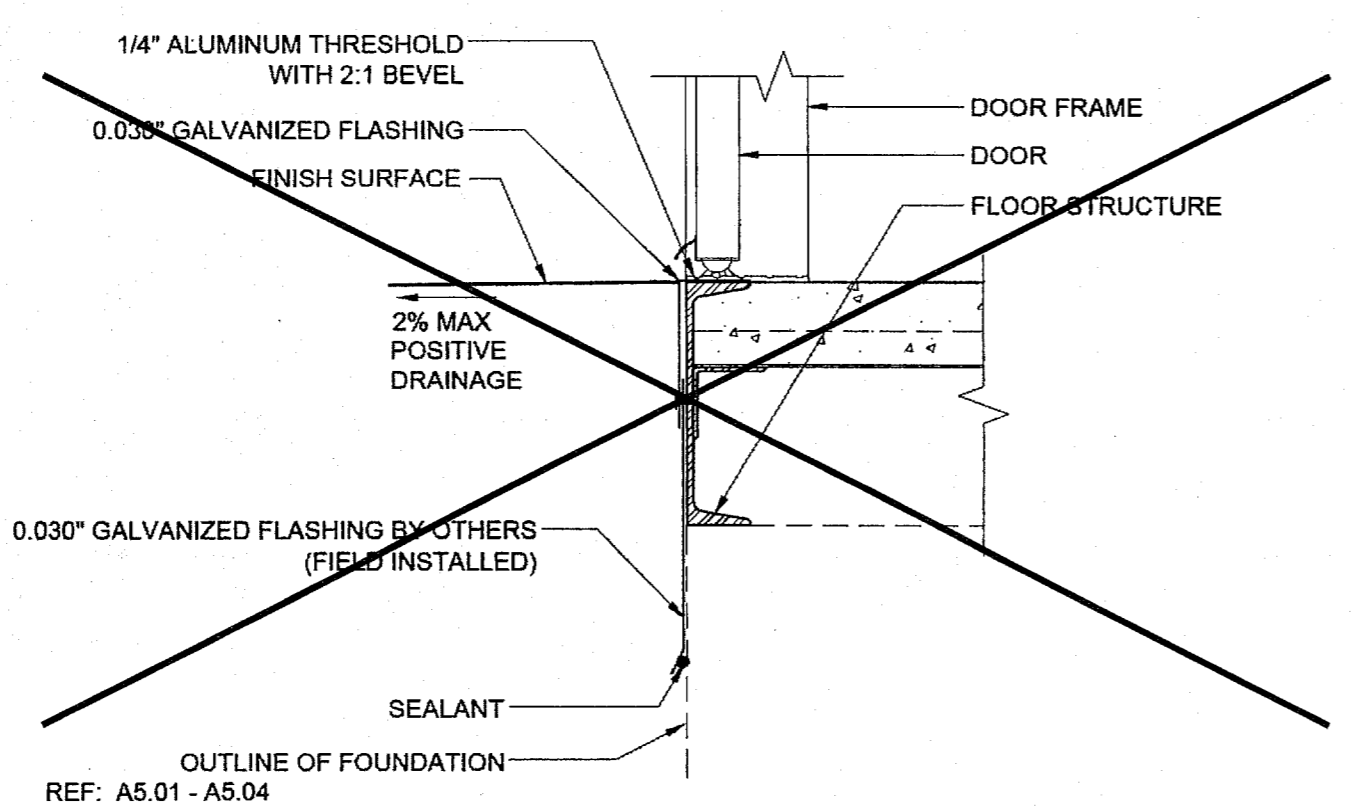
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THRESHOLD SCALE: 3"=1'-0" **4**



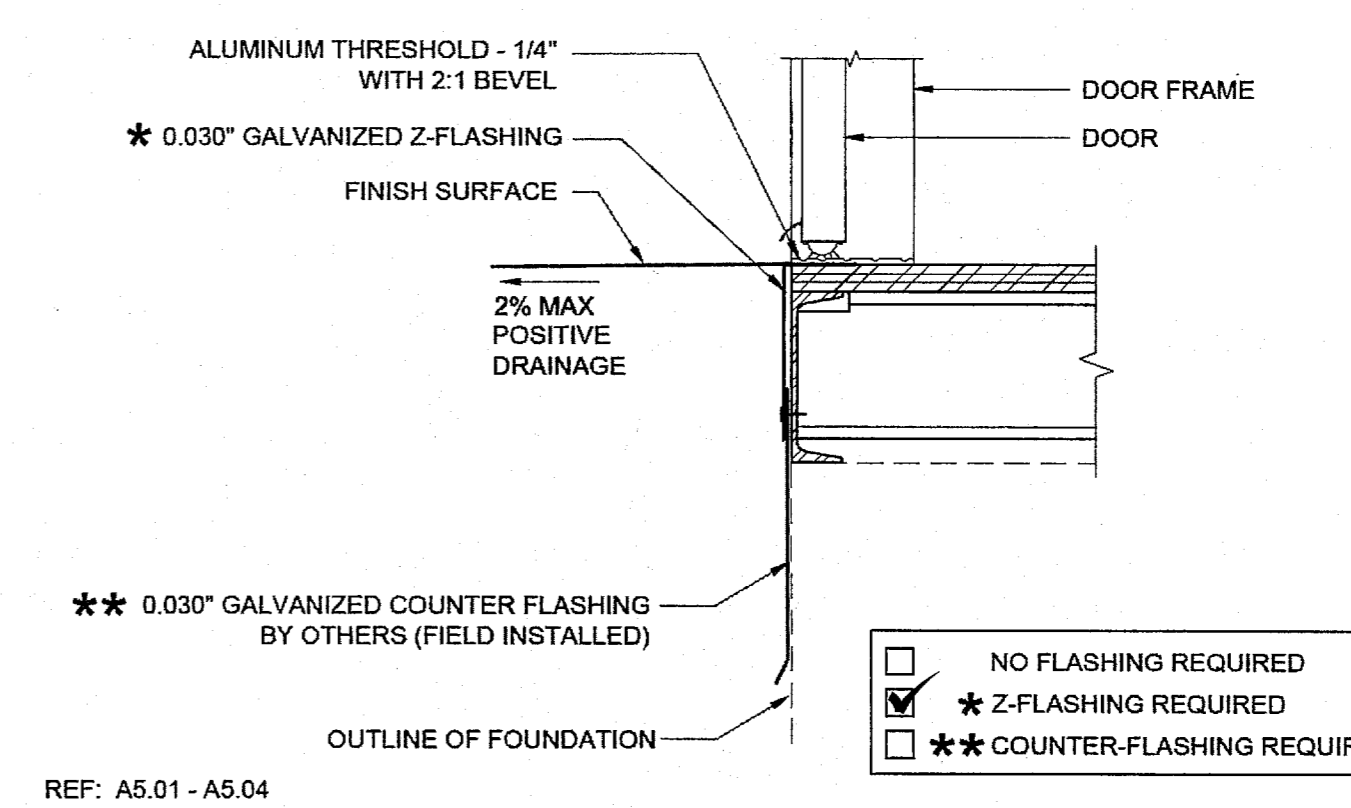
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REF: A5.01 - A5.04
TYPICAL SILL AT FLOOR (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" **15**



10



REF: A5.01 - A5.04
TYPICAL SILL AT FLOOR (WOOD FLOOR) SCALE: 1 1/2"=1'-0" **5**

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 APP. 03-119509 INC.
 REVIEWED FOR
 SS [] FLS [] ACS []
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
 "BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ARCHITECTURAL DETAILS FLOOR

ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS [] FLS [] SS [] RAC []
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

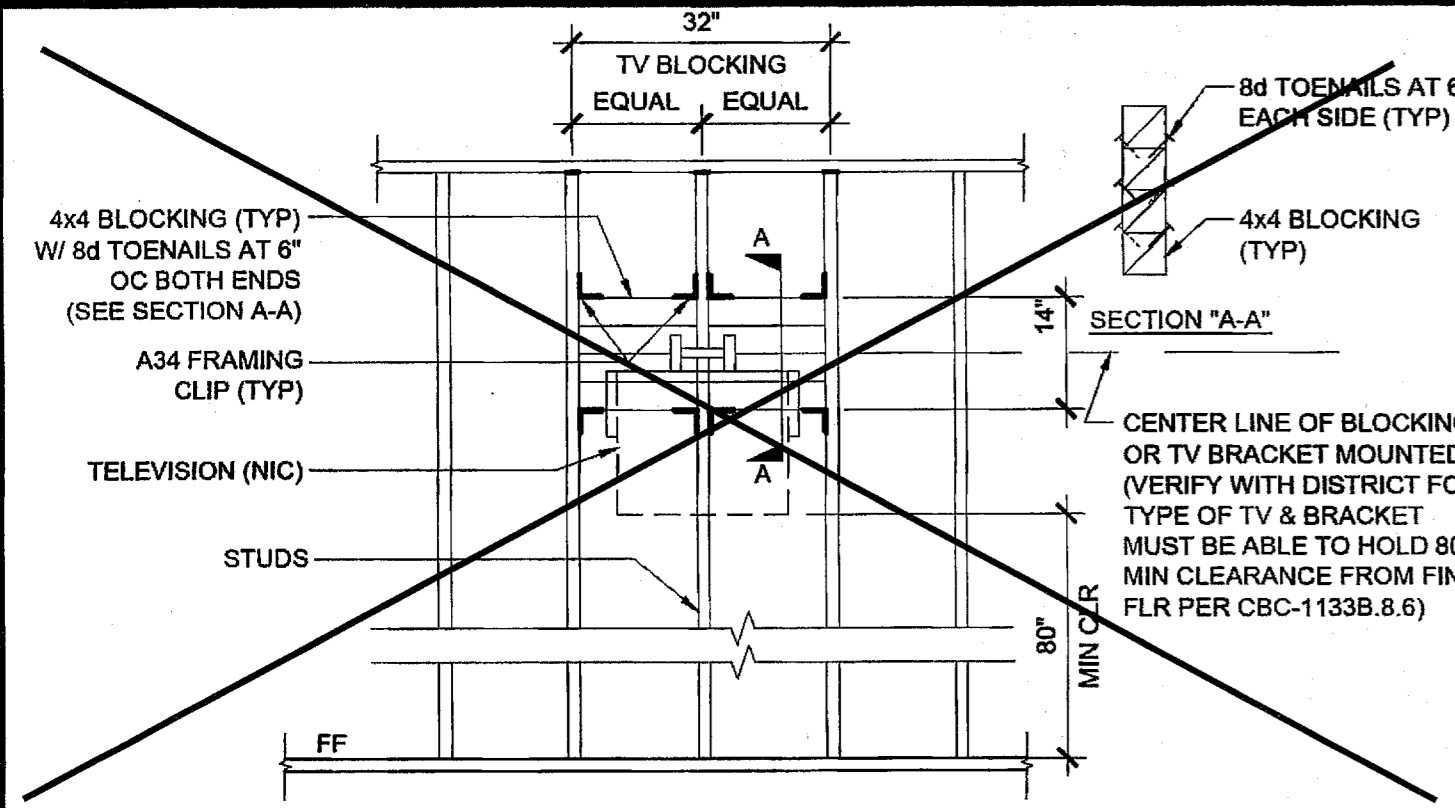
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 DATE AUG - 4 2015

REVISIONS

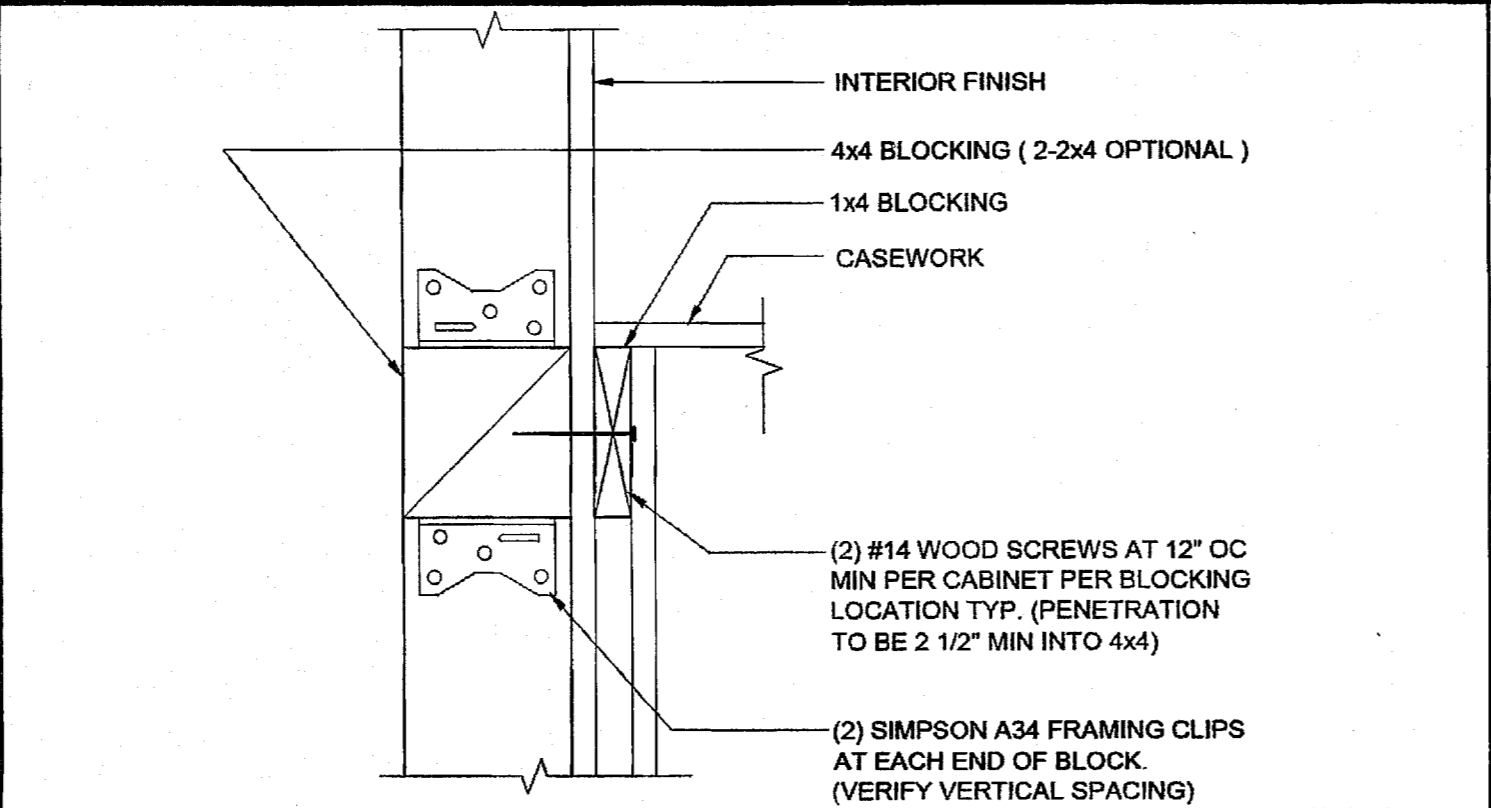
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15
 P.C. SHEET NUMBER

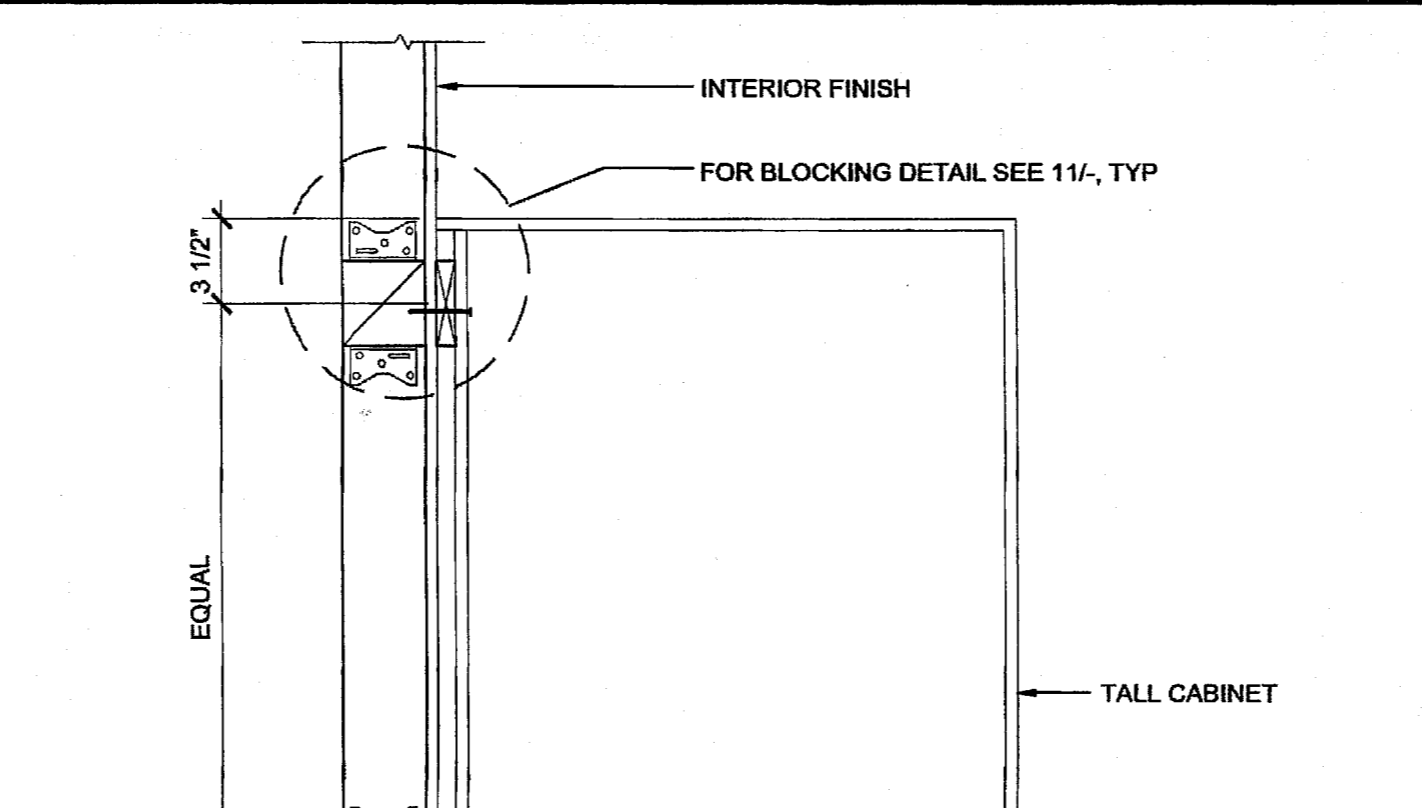
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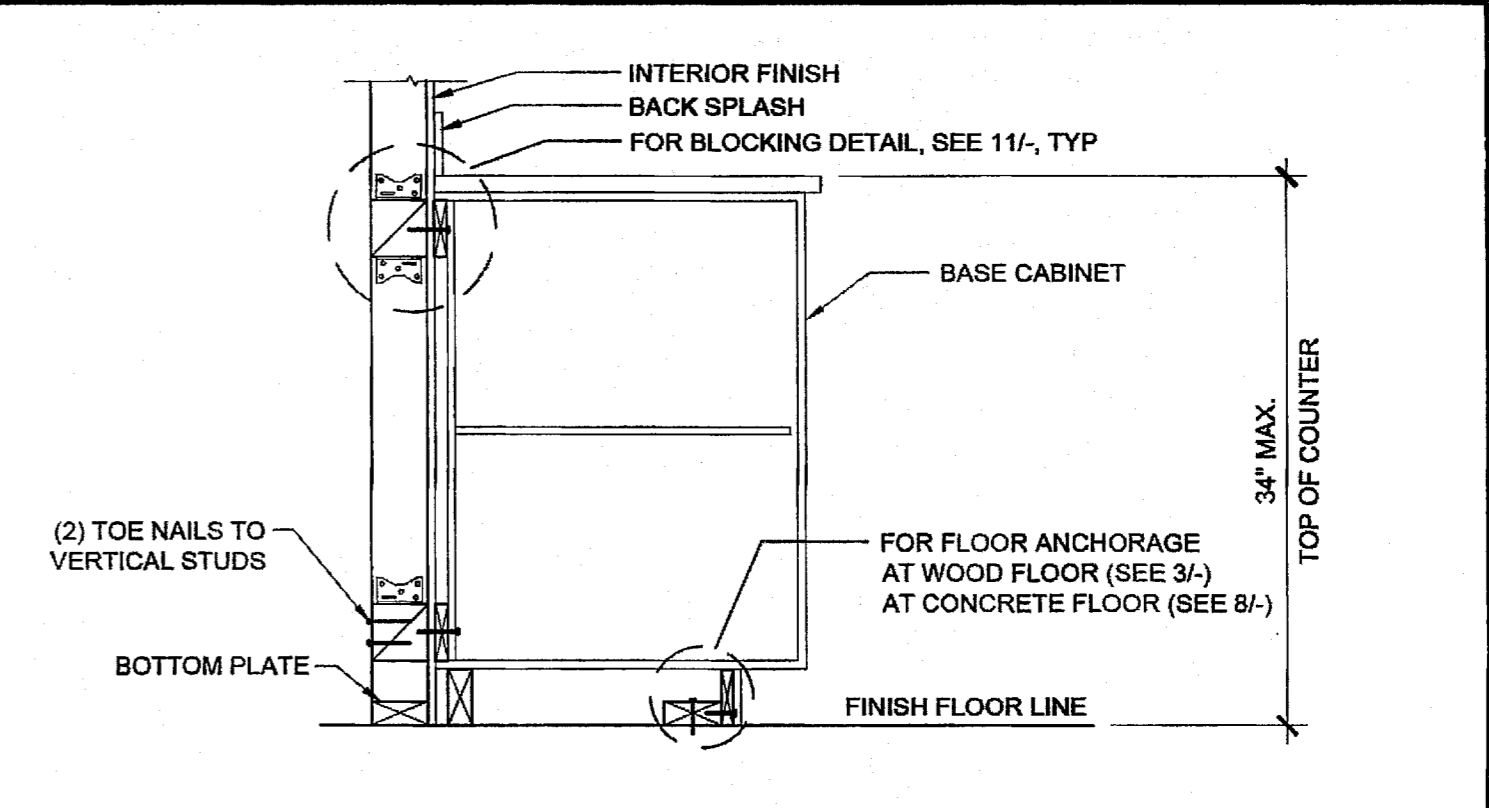
T.V. BLOCKING ATTACHMENT AT WOOD STUD SCALE: 1/2" = 1'-0" 16



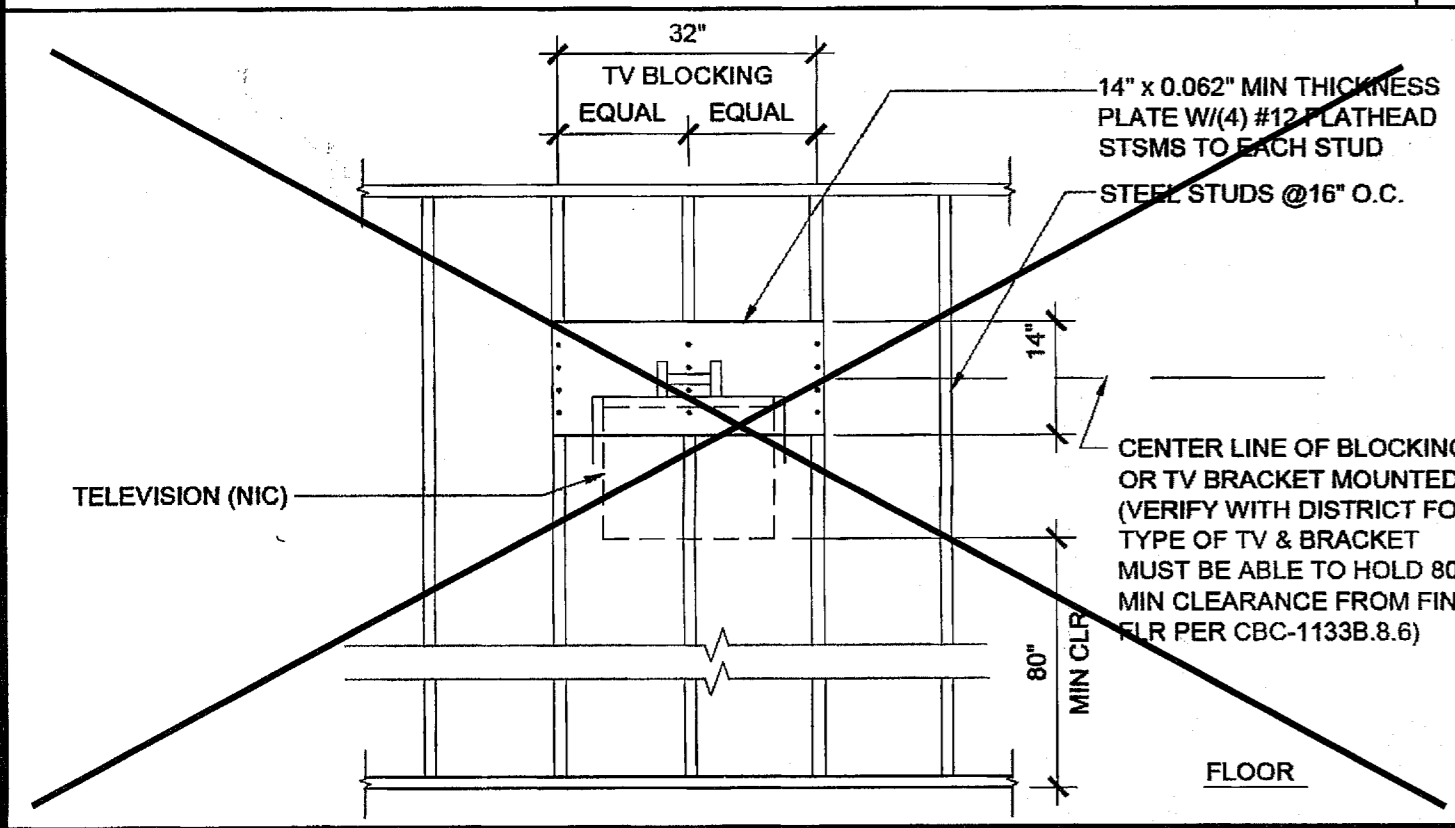
ATTACHMENT TO BLOCKING AT WOOD STUD SCALE: 3" = 1'-0" 11



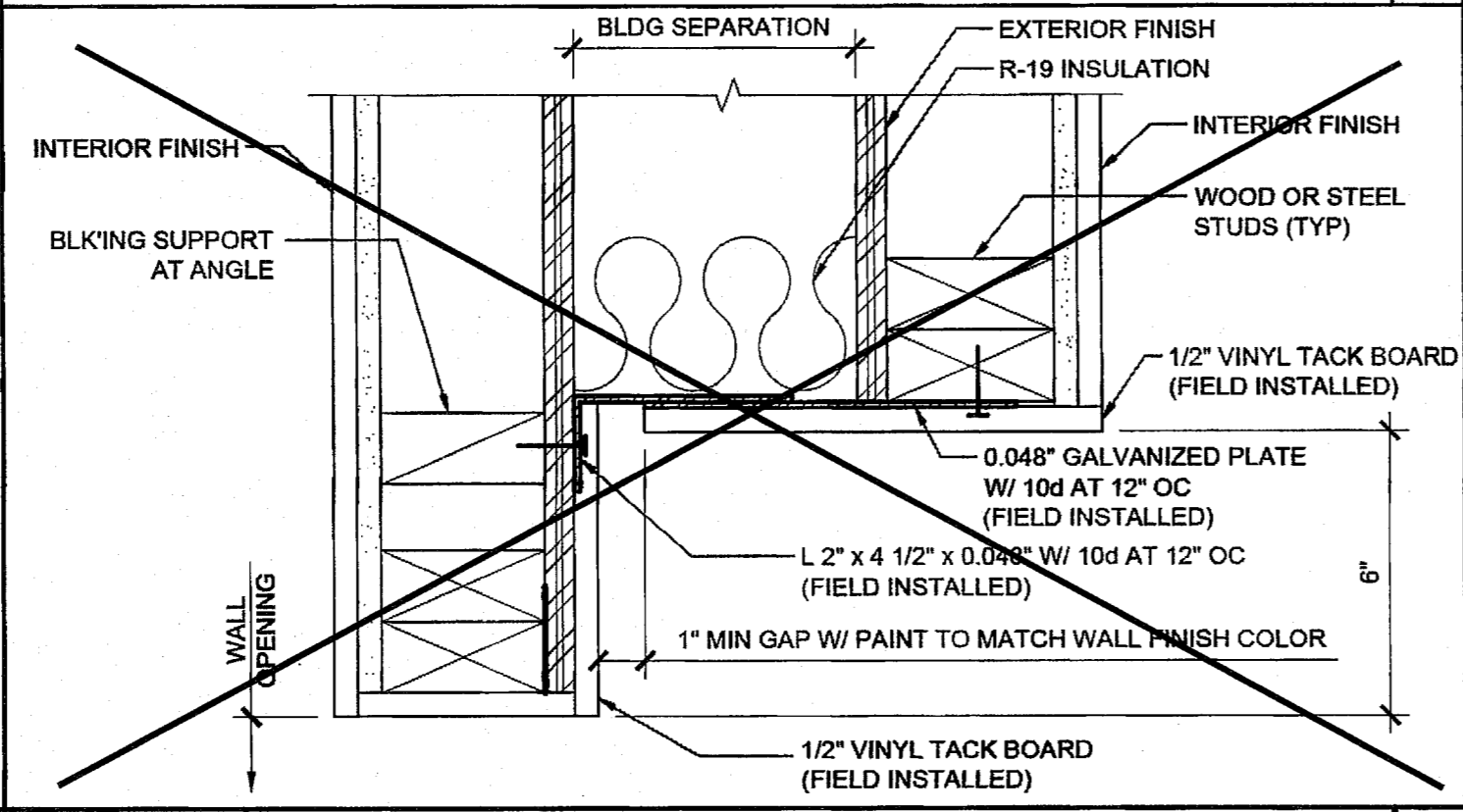
TALL CABINET WALL ANCHORAGE AT WOOD STUD SCALE: 1 1/2" = 1'-0" 7



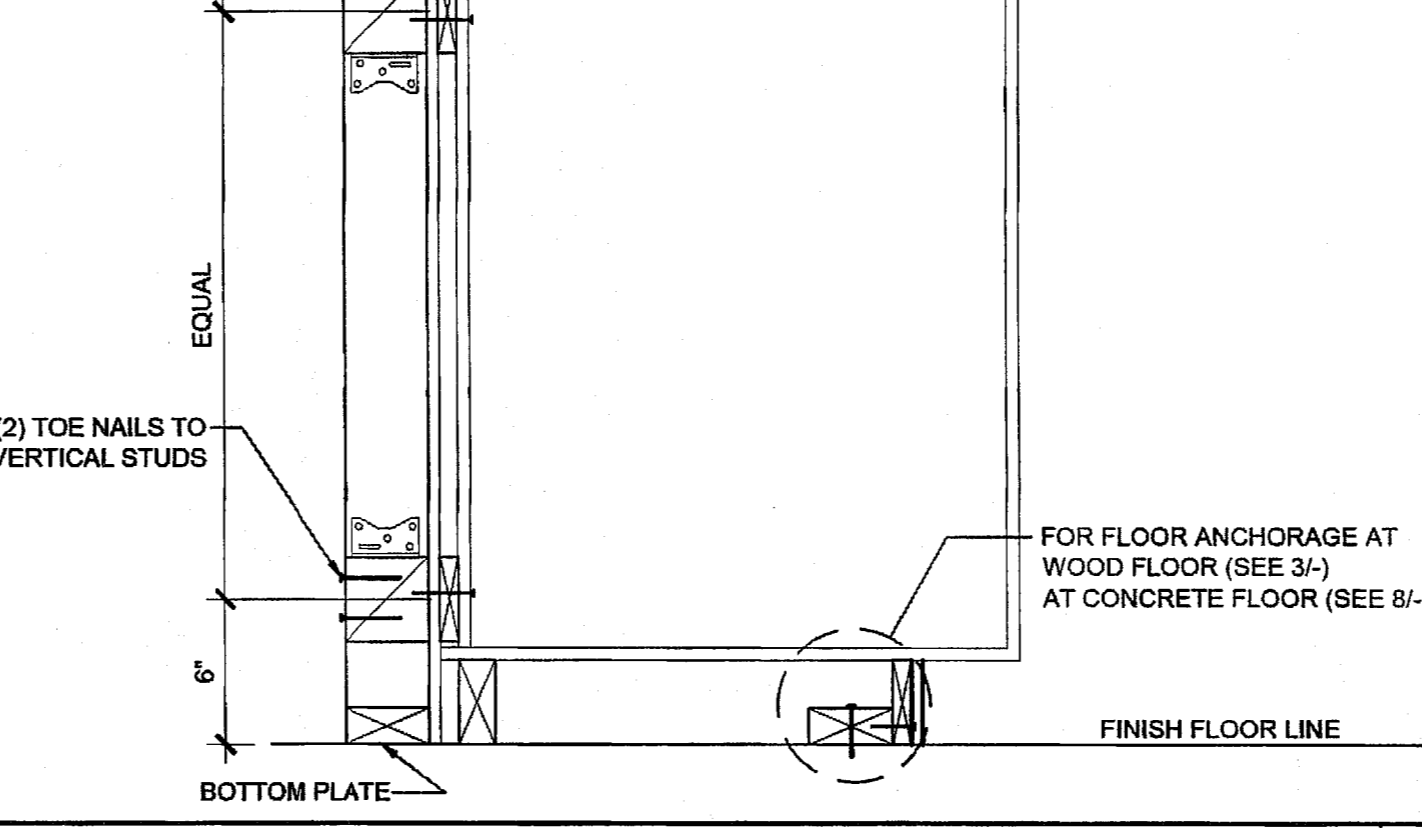
BASE CABINET WALL ANCHORAGE AT WOOD STUD SCALE: 1" = 1'-0" 1



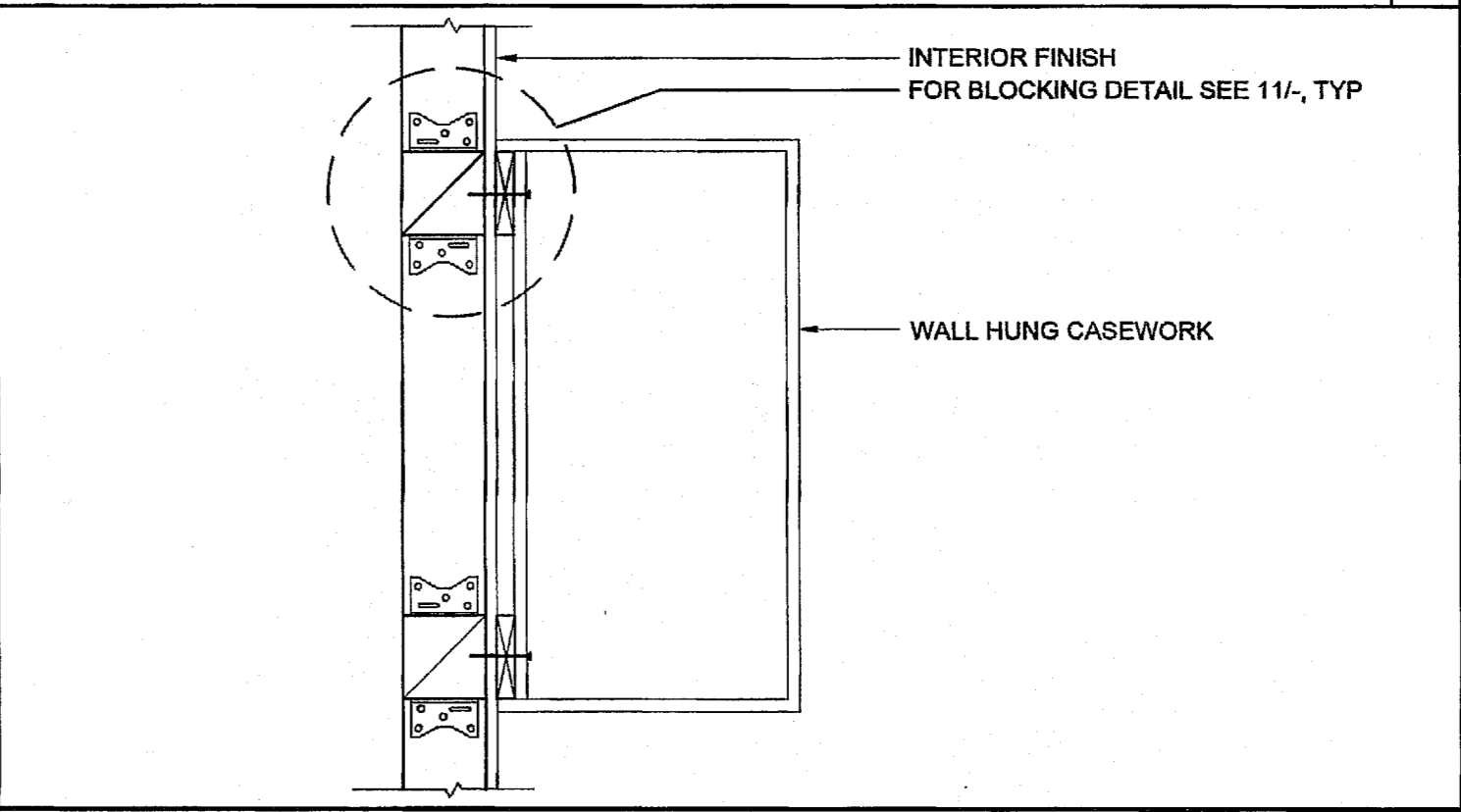
T.V. BLOCKING ATTACHMENT AT STEEL STUD SCALE: 1/2" = 1'-0" 17



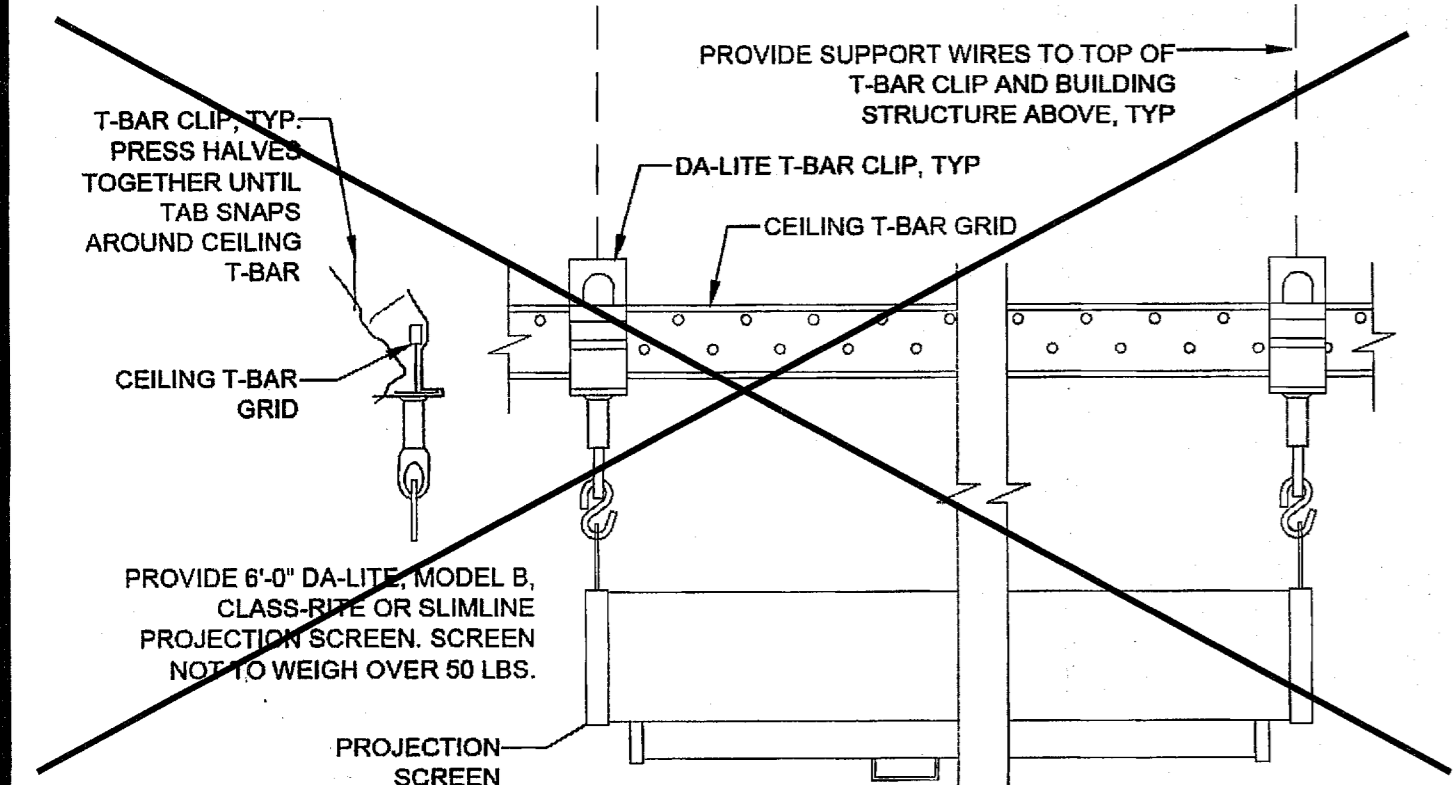
WALL OPENING AT HEADER AND JAMB SCALE: 3" = 1'-0" 12



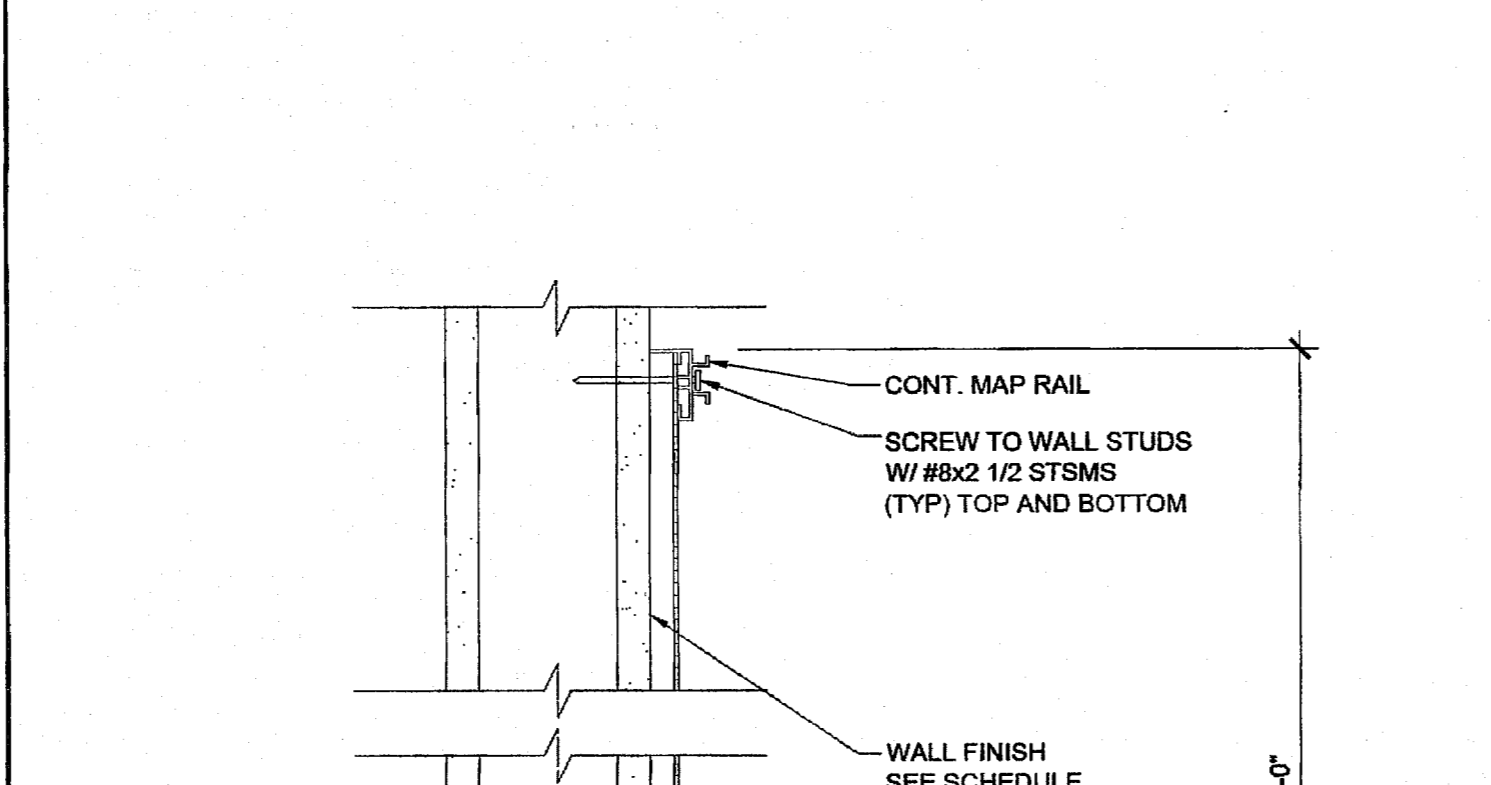
TALL CABINET WALL ANCHORAGE AT WOOD STUD SCALE: 1 1/2" = 1'-0" 7



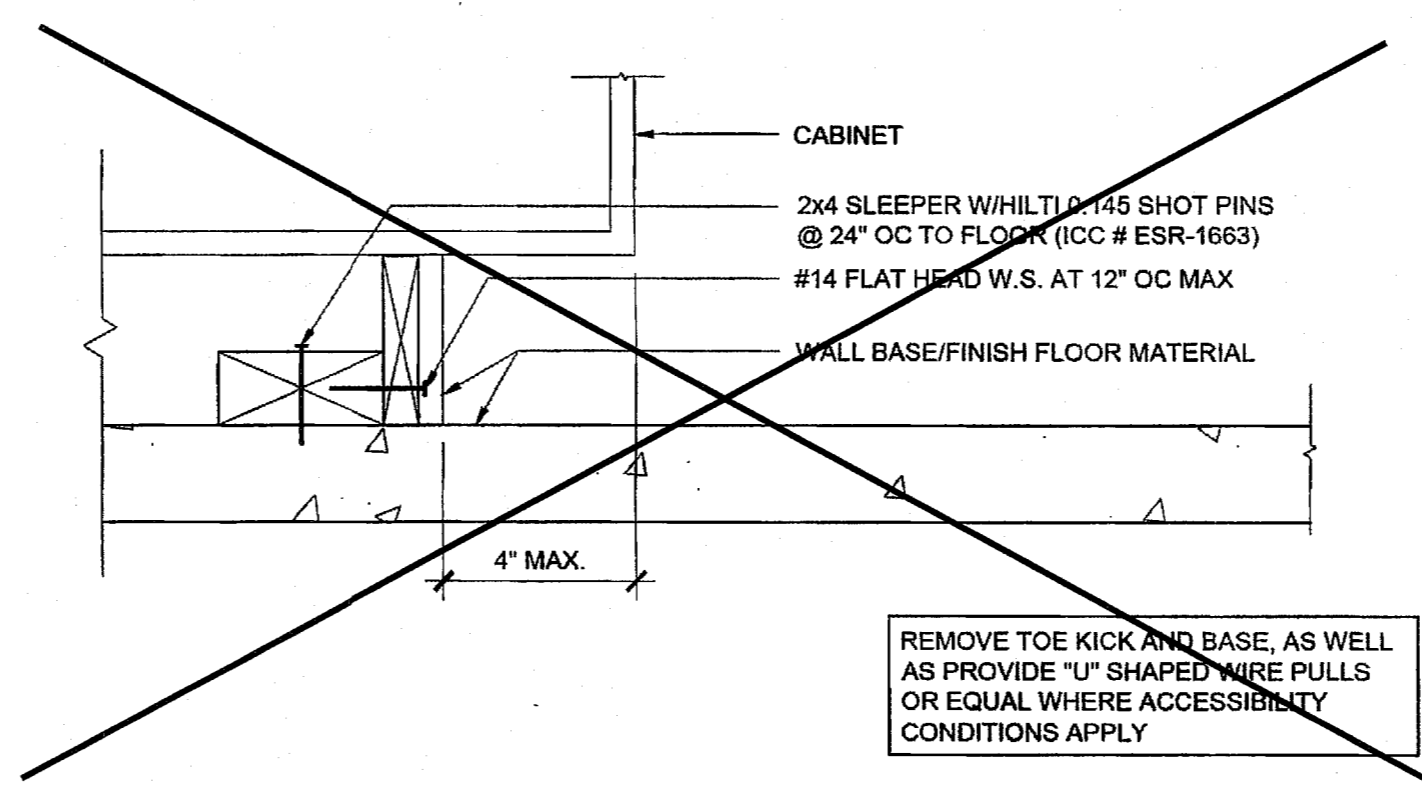
WALL HUNG ANCHORAGE CABINET AT WOOD STUD SCALE: 1 1/2" = 1'-0" 2



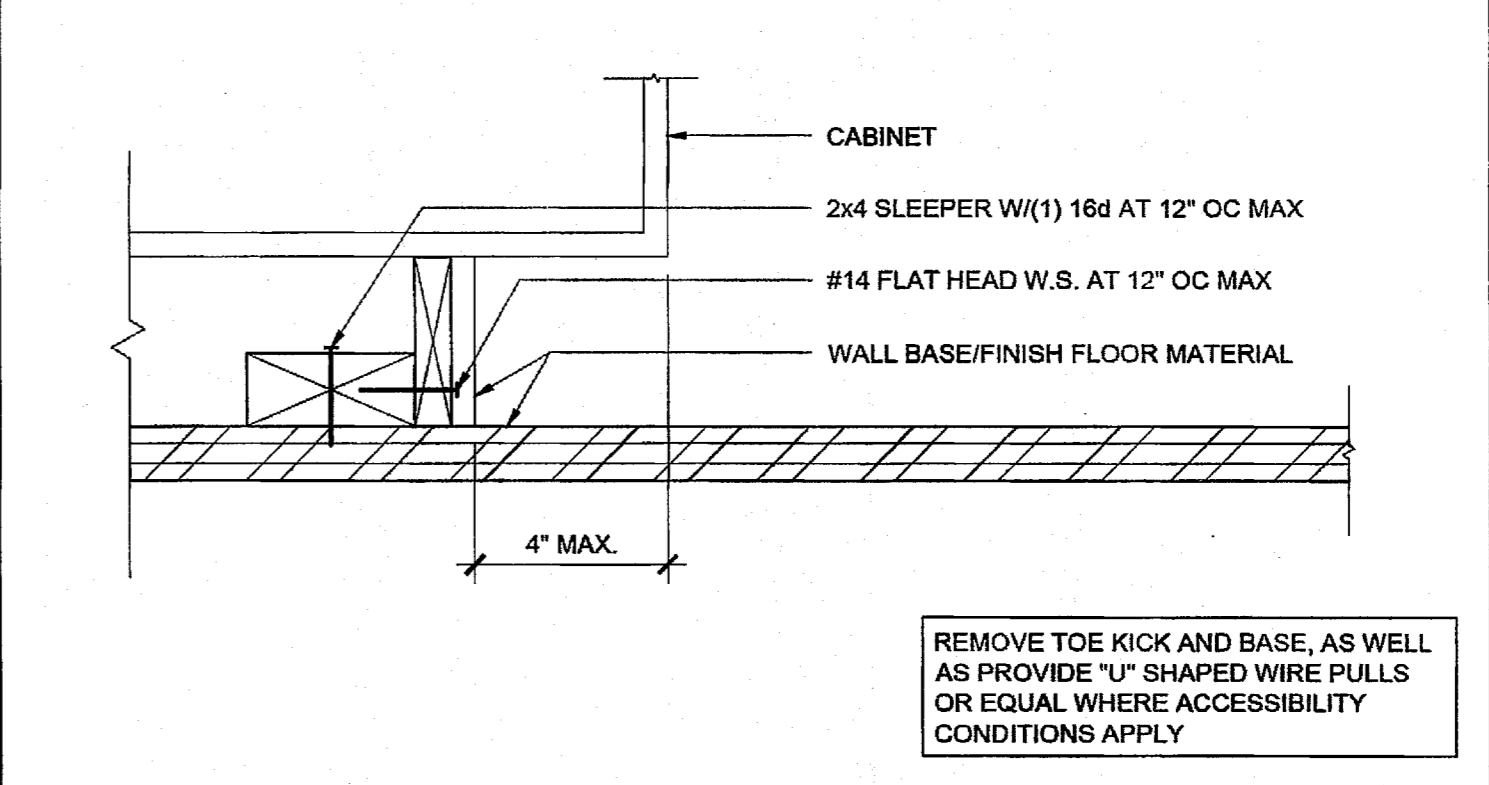
PROJECTION SCREEN MOUNTING SCALE: NTS 18



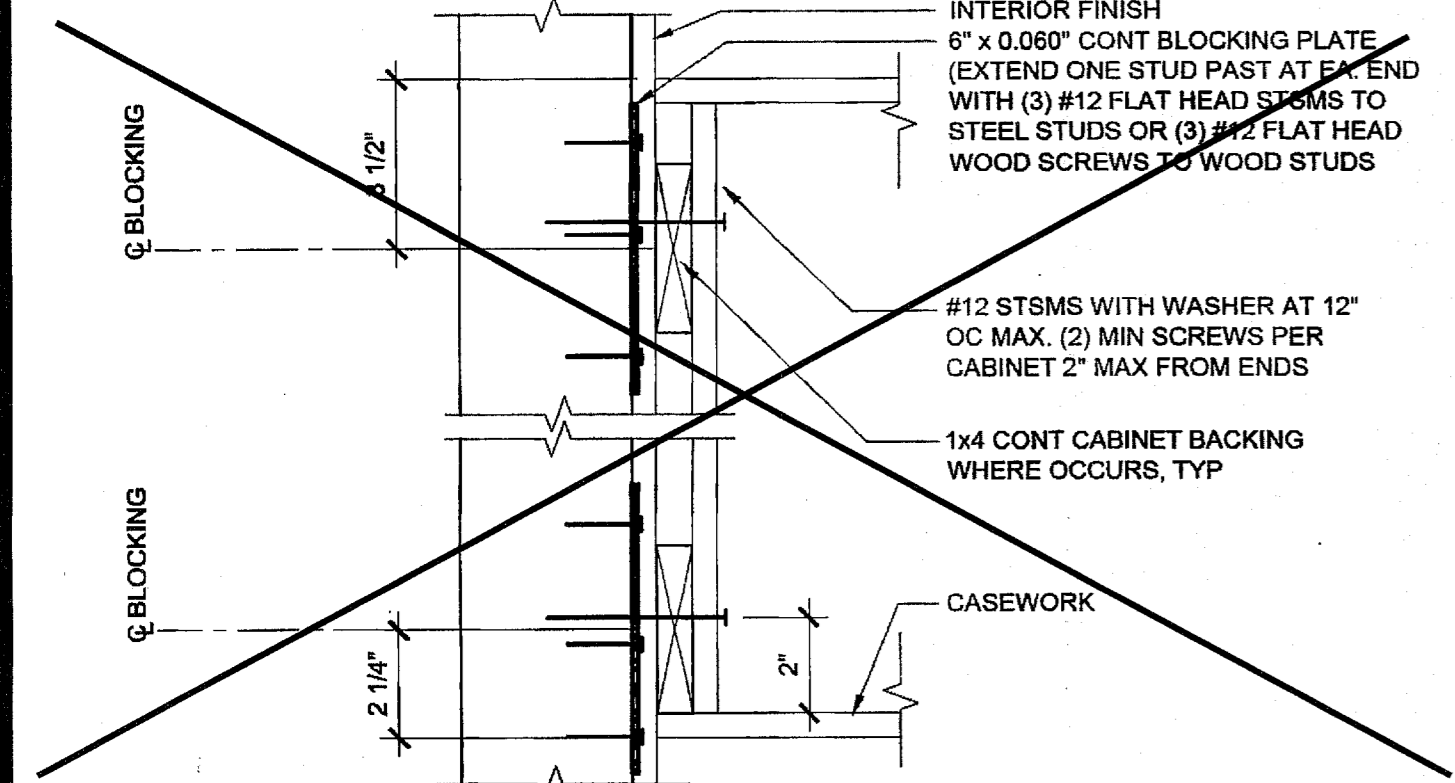
MARKER BOARD ATTACHMENT SCALE: 3" = 1'-0" 14



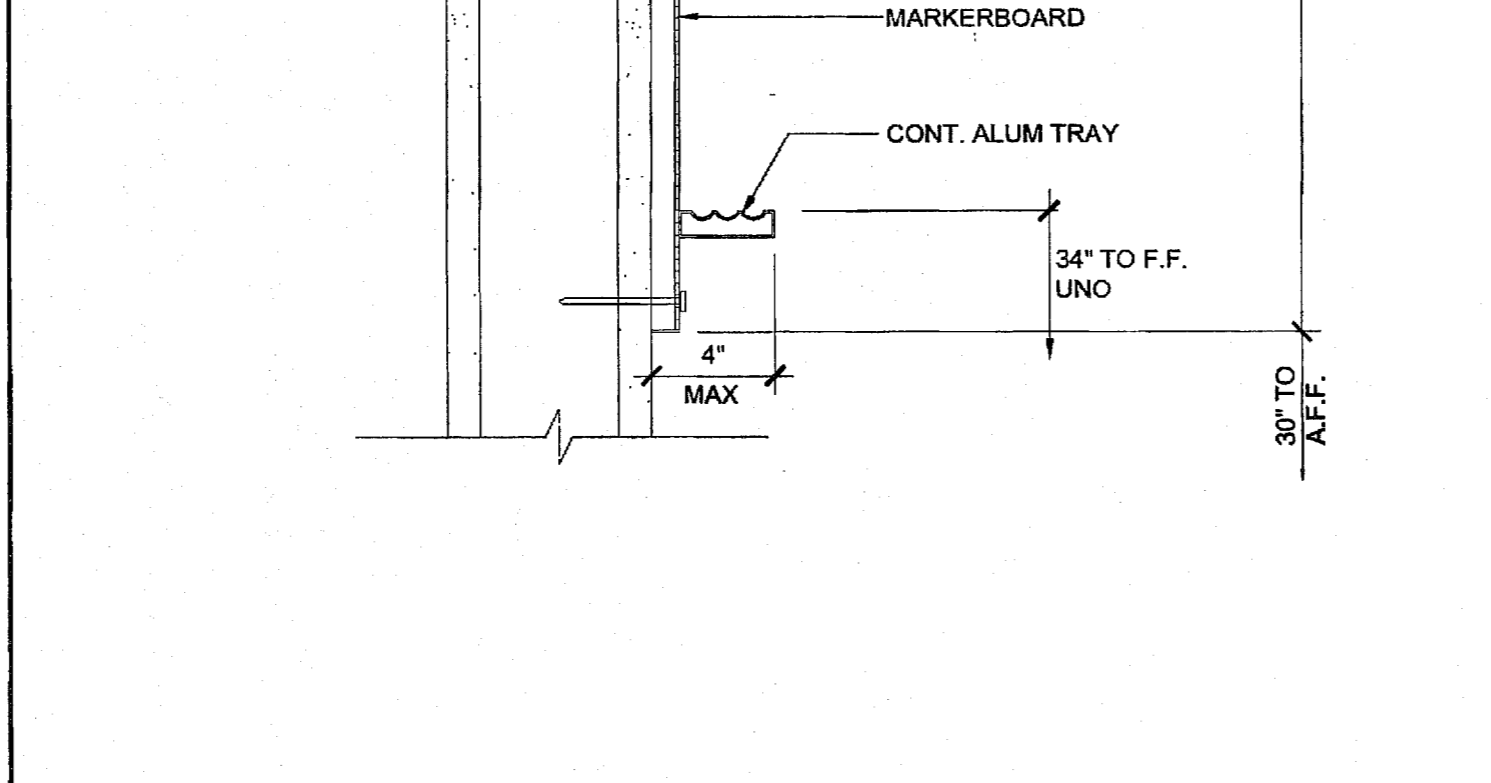
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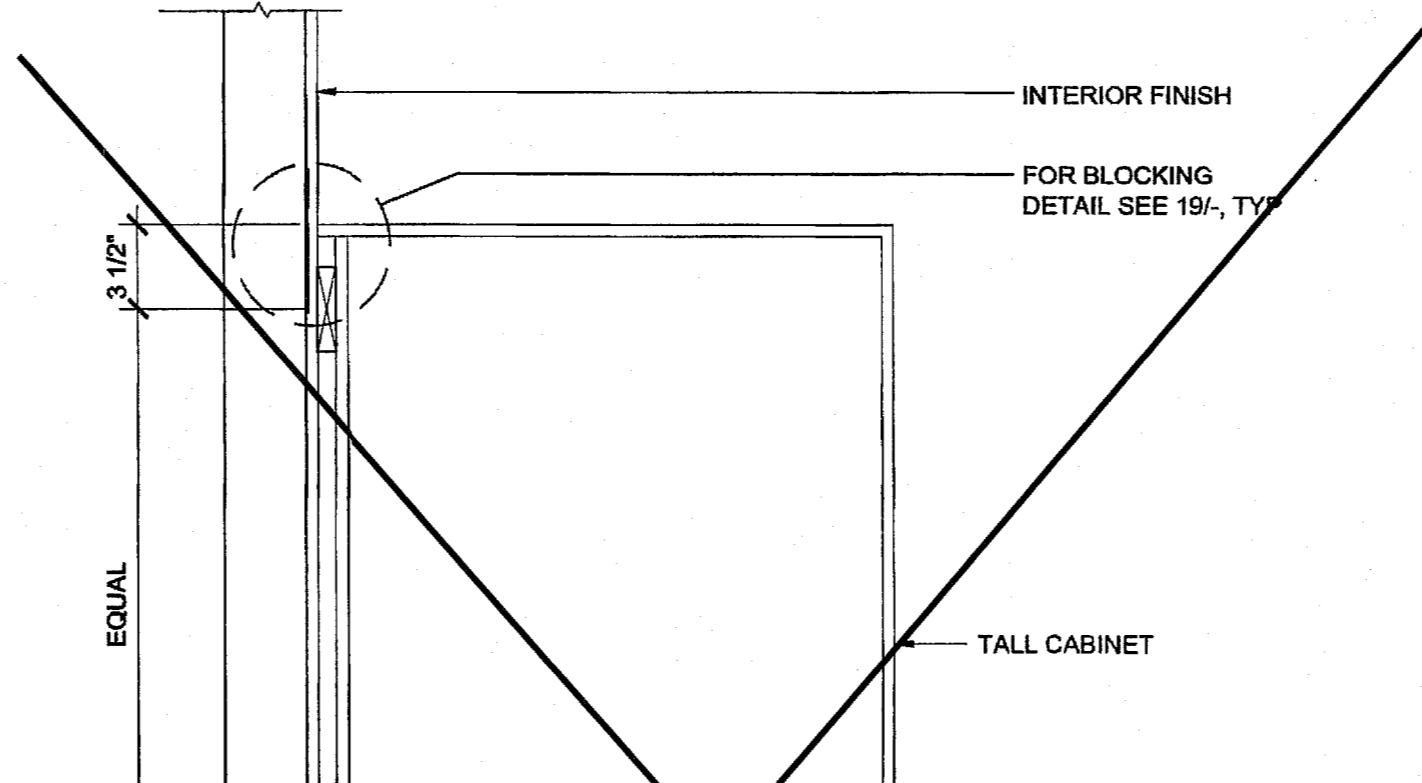
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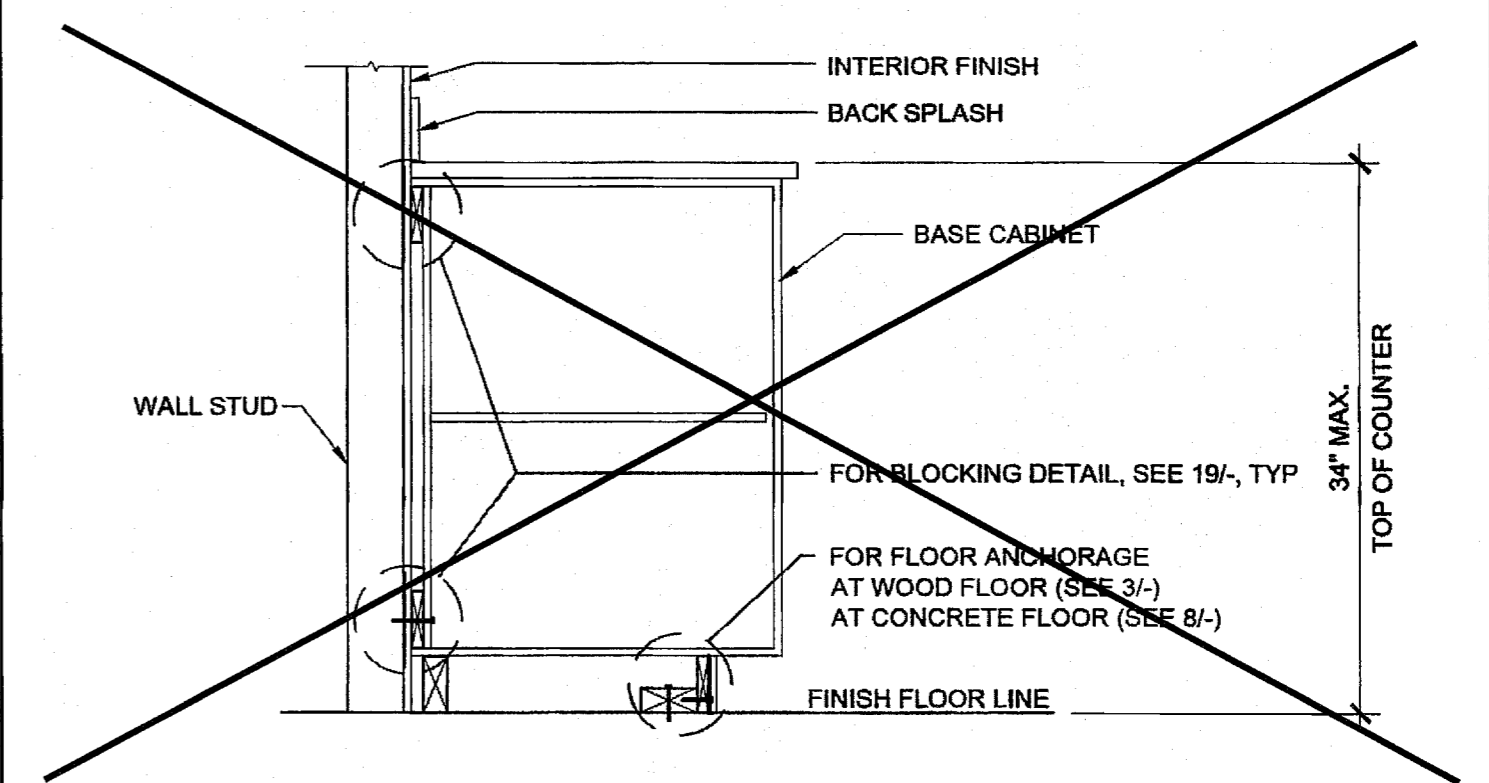
ATTACHMENT TO BLOCKING SCALE: 3" = 1'-0" 19



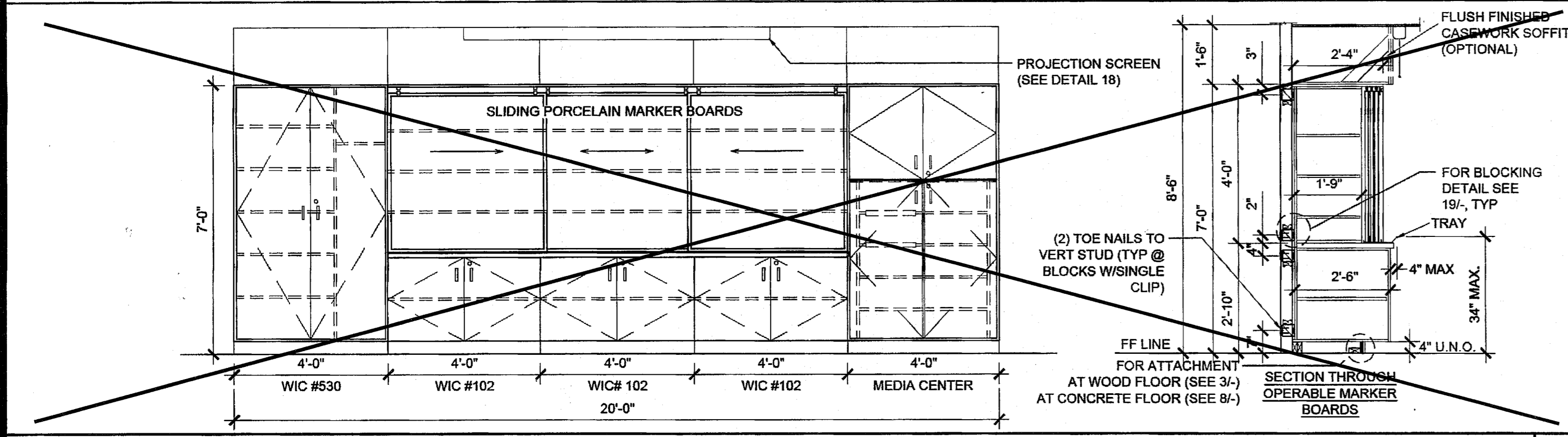
MARKER BOARD ATTACHMENT SCALE: 3" = 1'-0" 14



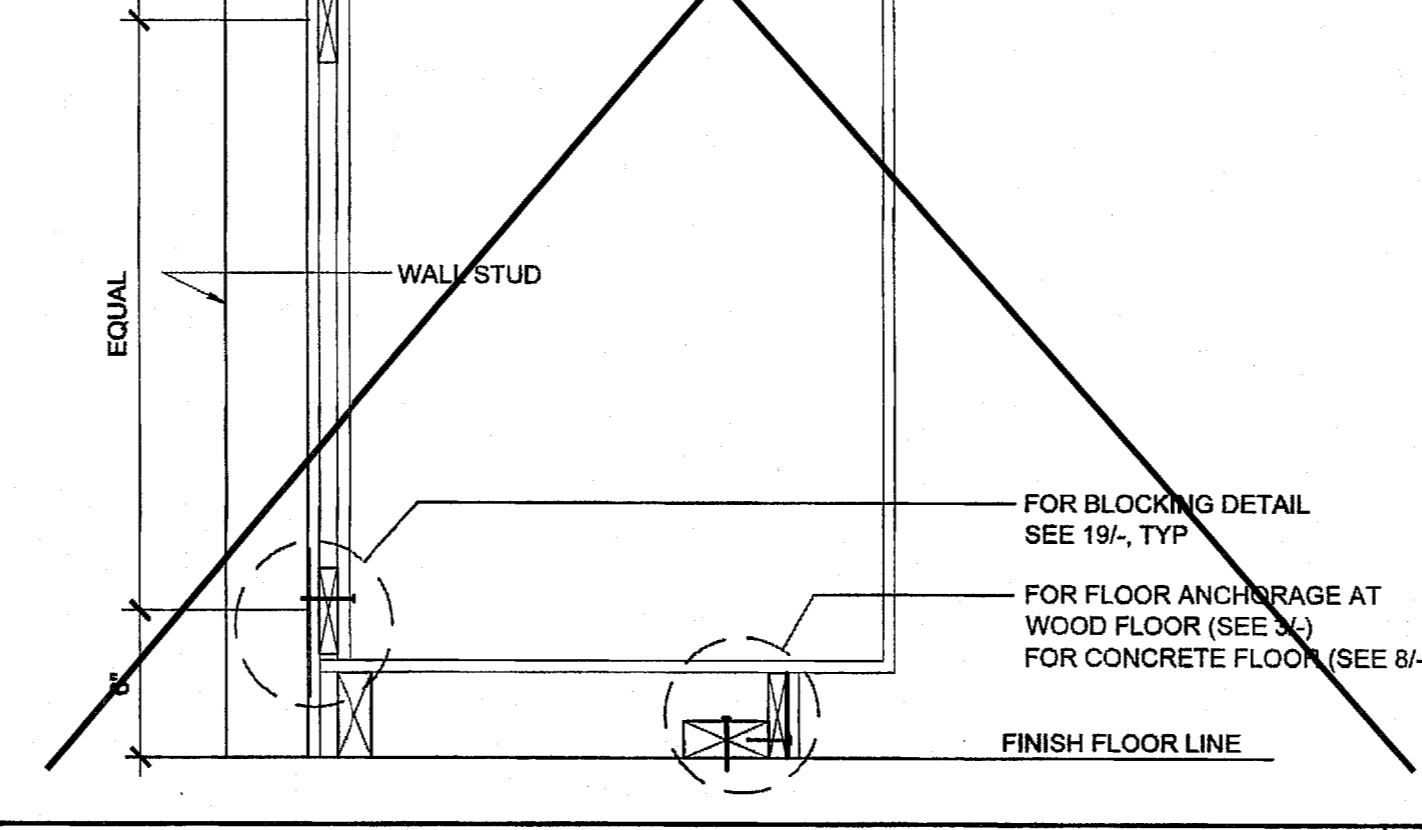
TALL CABINET WALL ANCHORAGE SCALE: 1 1/2" = 1'-0" 10



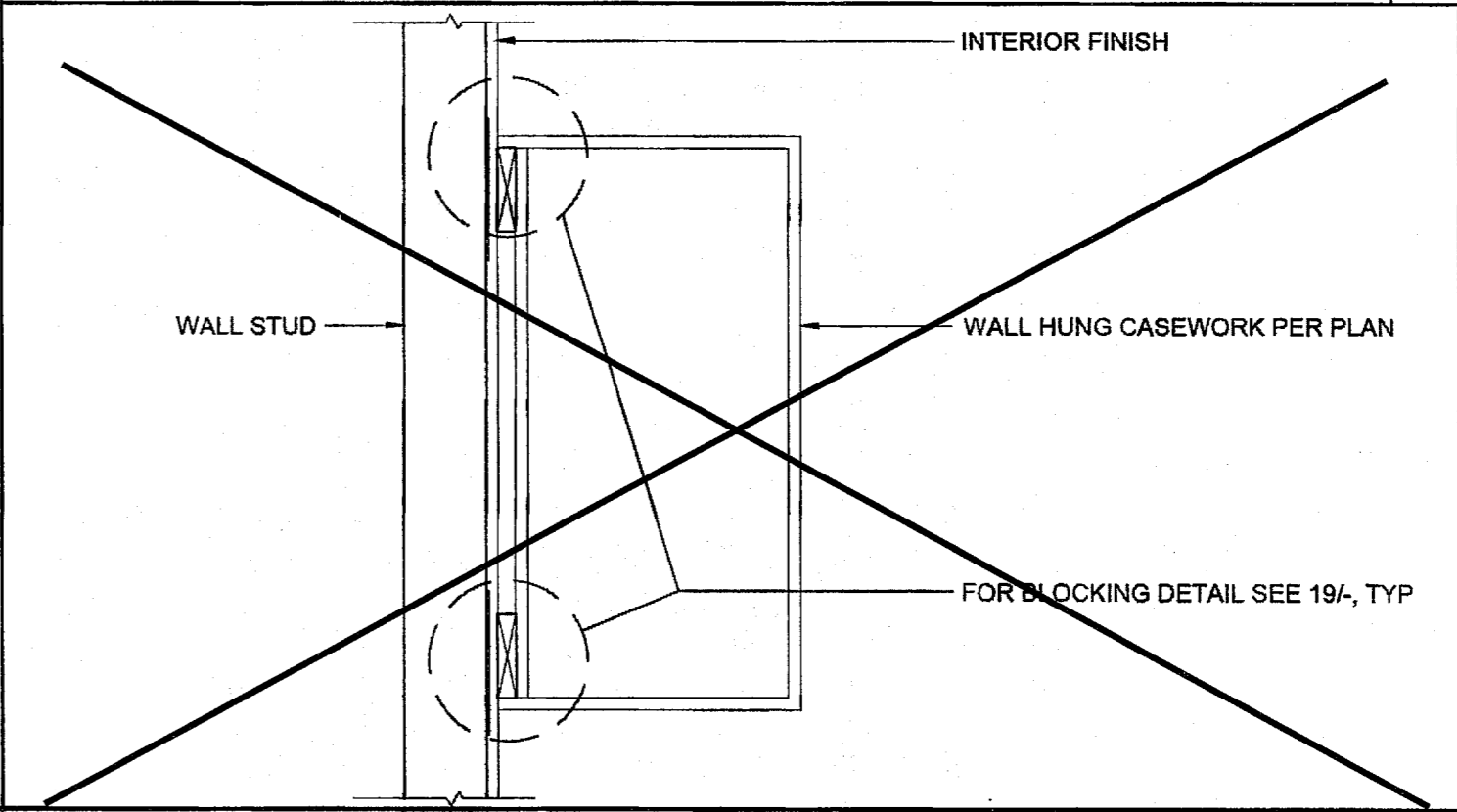
BASE CABINET WALL ANCHORAGE SCALE: 1" = 1'-0" 4



TEACHING WALL - ELEVATION / SECTION - OPTION SCALE: 3/8" = 1'-0" 15



TALL CABINET WALL ANCHORAGE SCALE: 1 1/2" = 1'-0" 10



WALL HUNG ANCHORAGE CABINET SCALE: 1 1/2" = 1'-0" 5

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 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS [] FLS [] ACS []
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
 BUILDING FOR THE NEXT GENERATION
 SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
 24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
 ARCHITECTURAL DETAILS
 MISCELLANEOUS/OPTIONS



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS [] FLS [] SS [] RAF []
 DATE MAY 11 2017

ORIGINAL PC STATE AGENCY APPROVAL

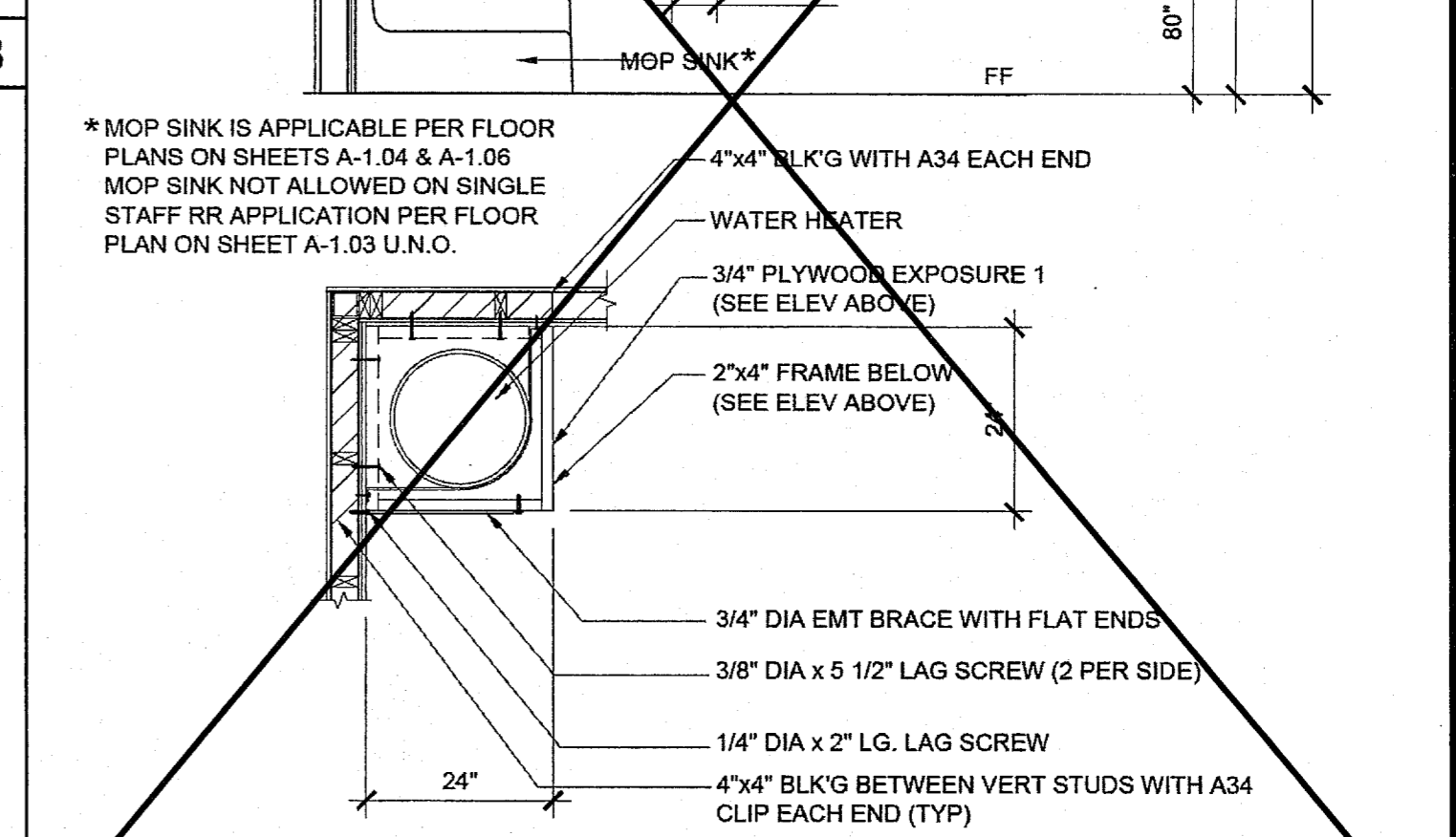
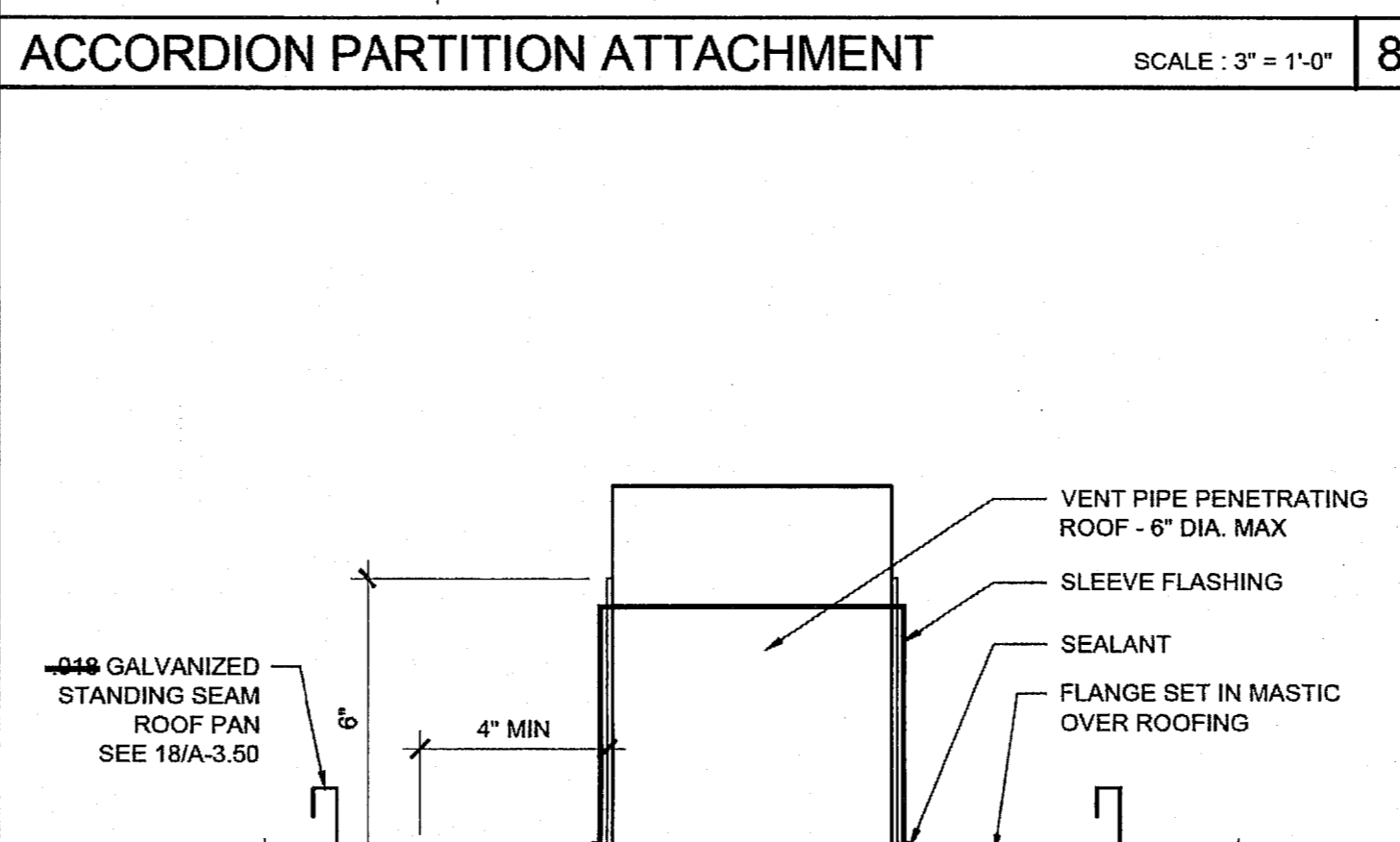
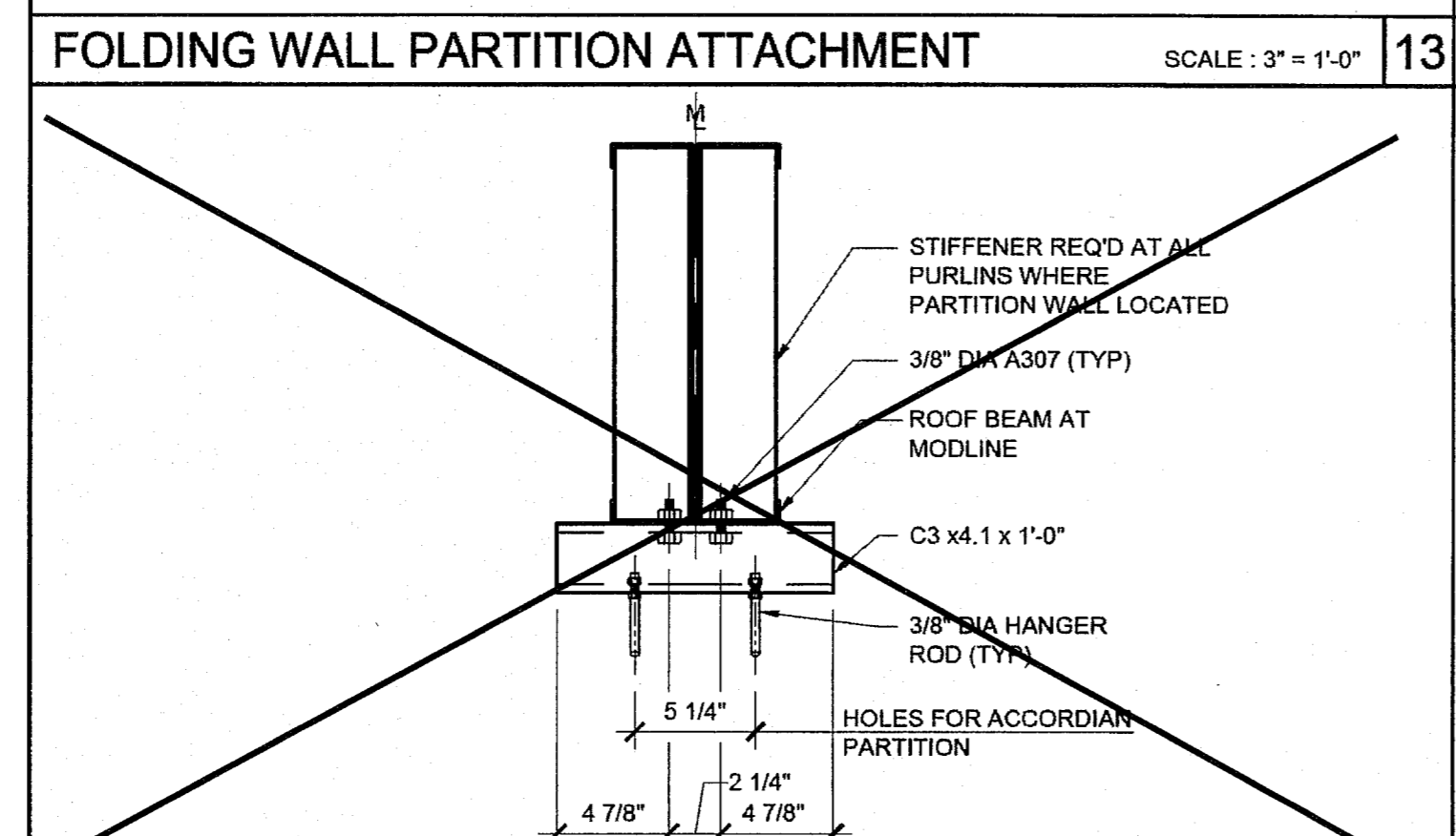
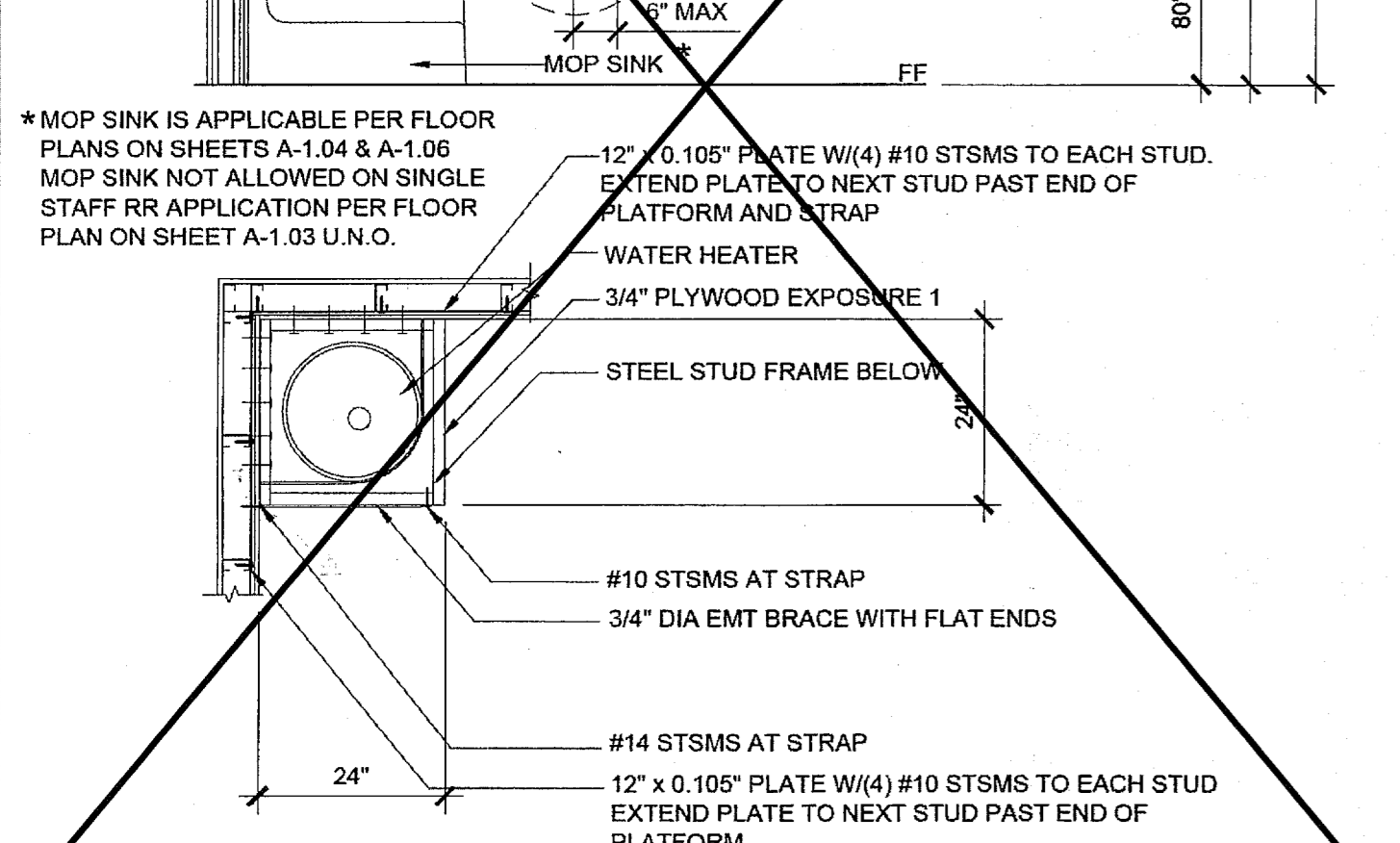
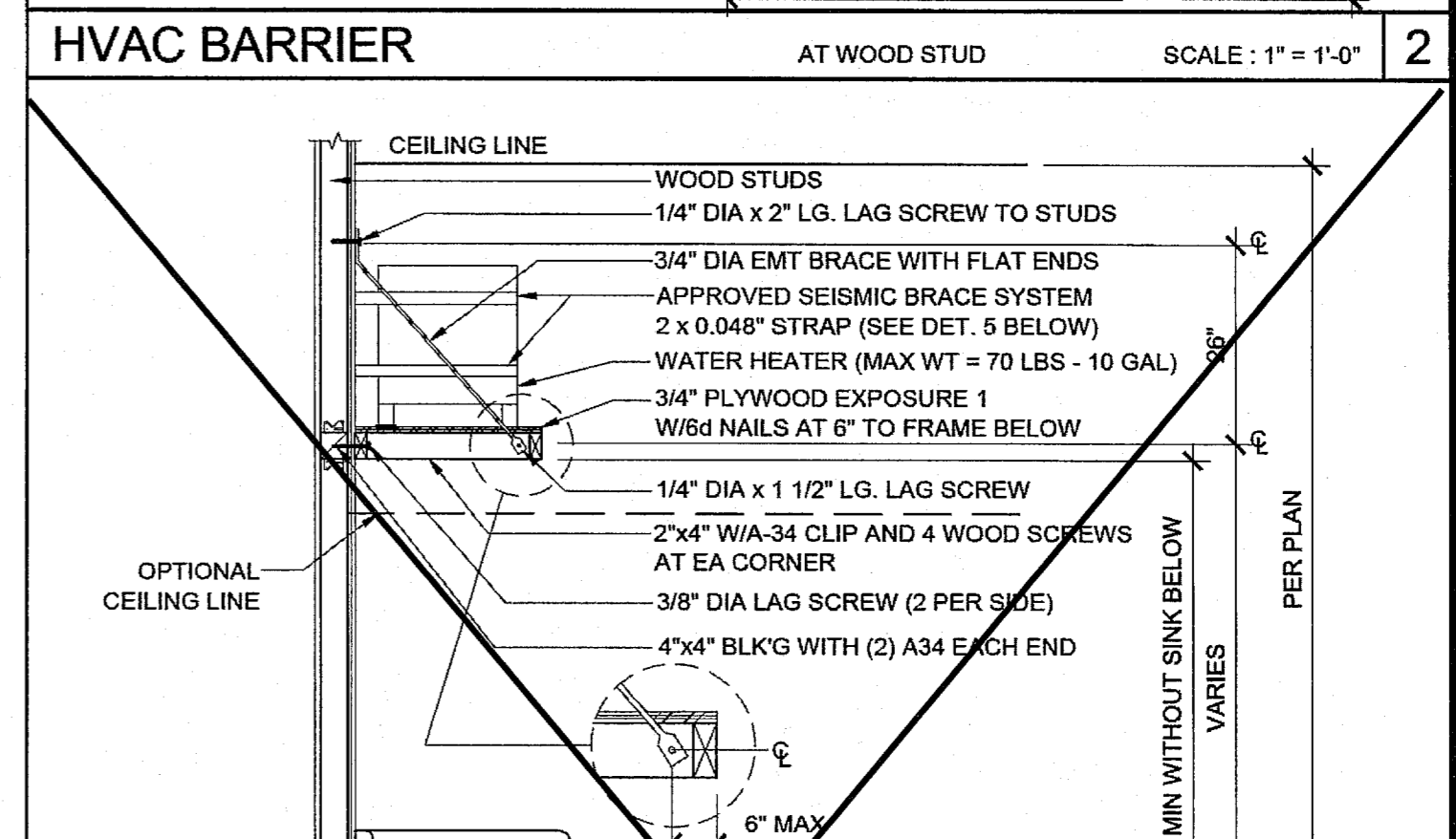
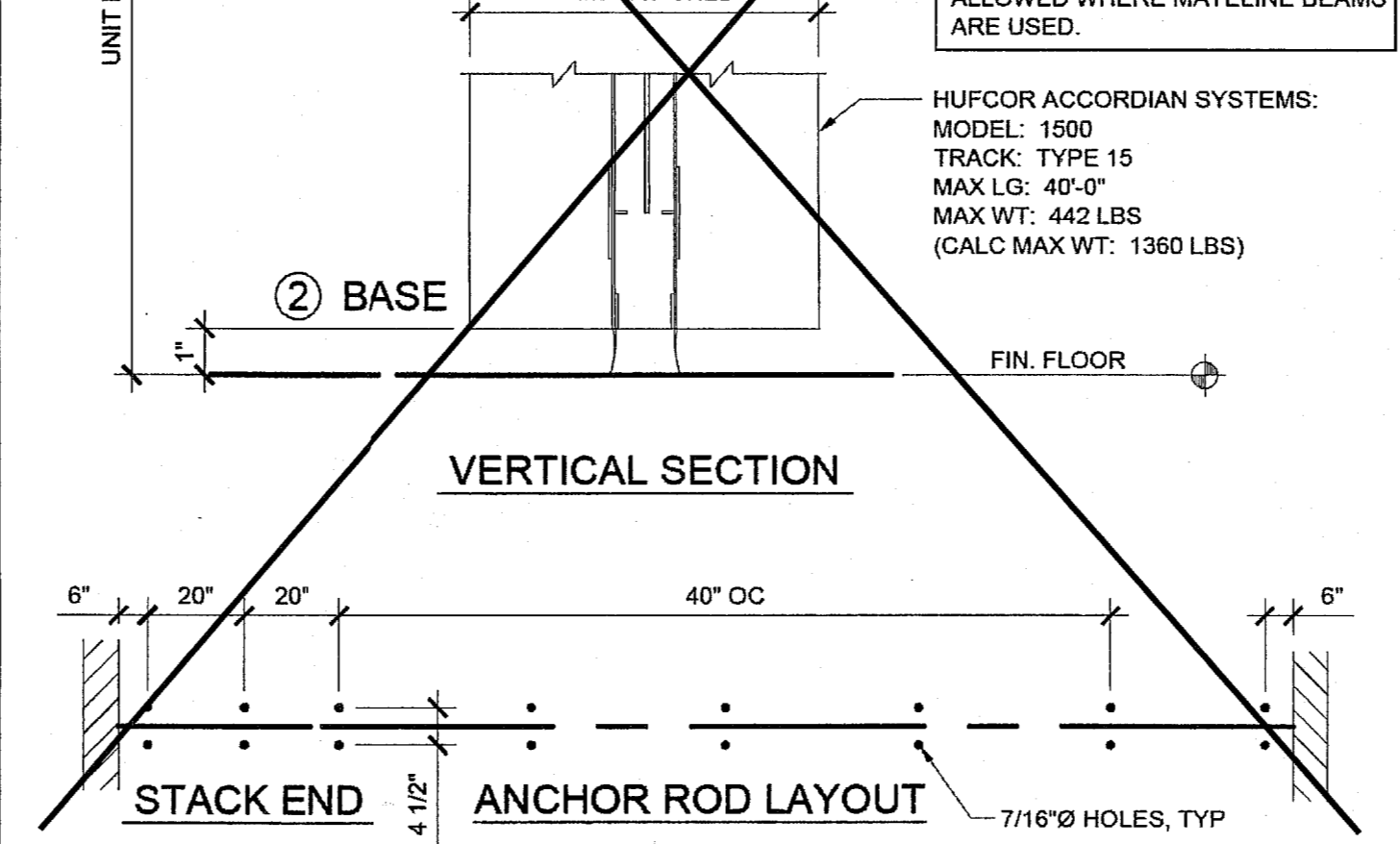
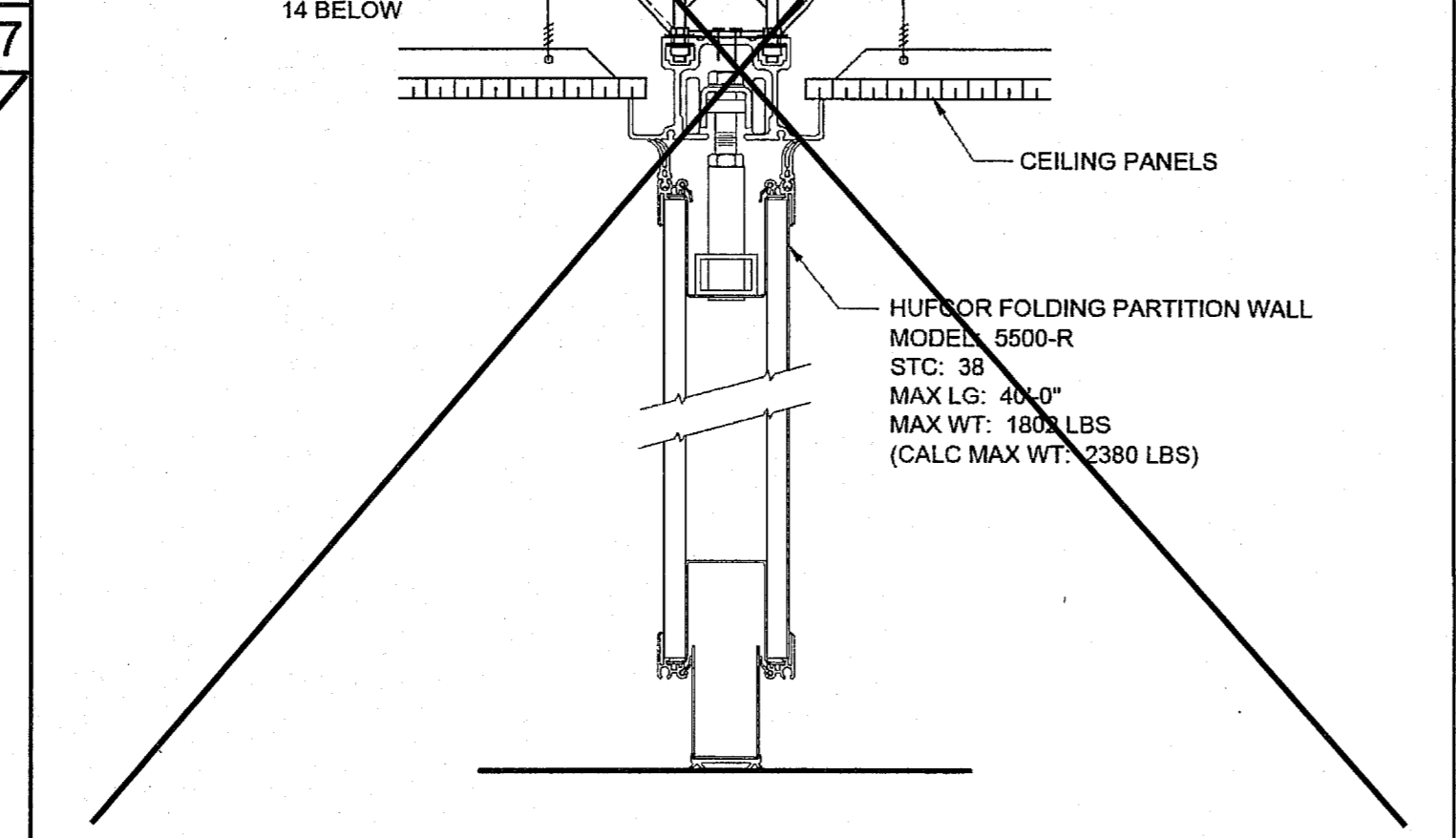
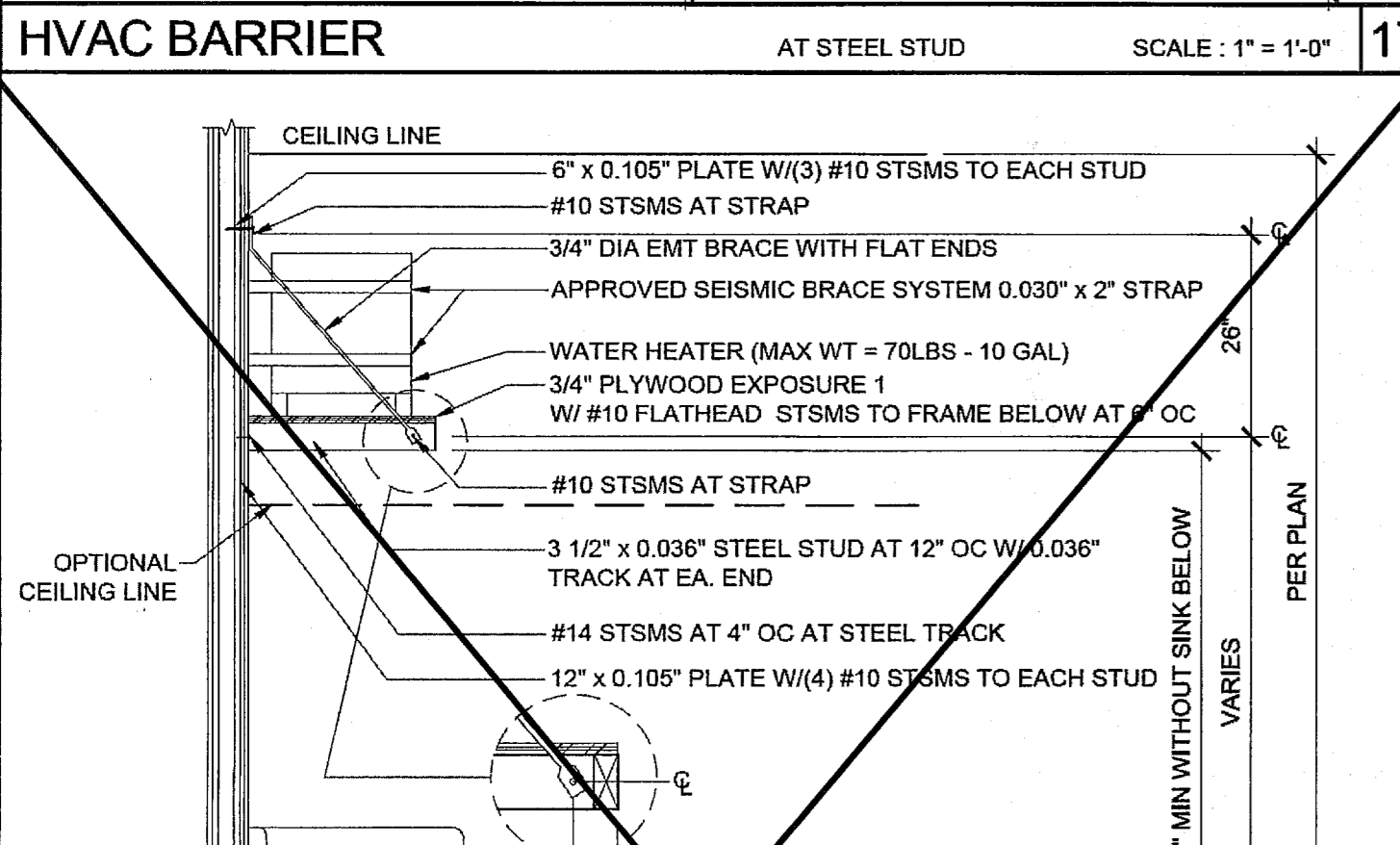
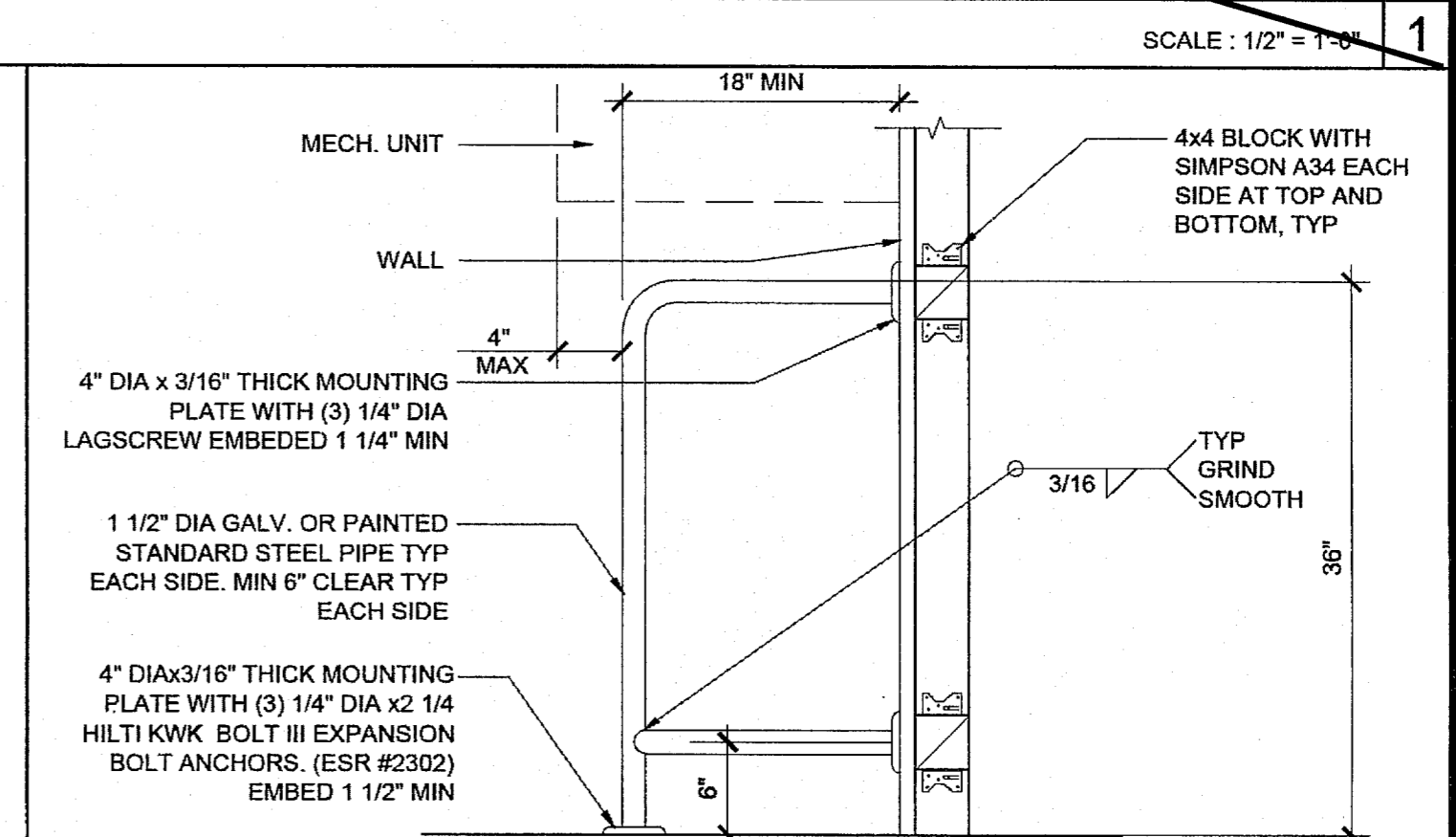
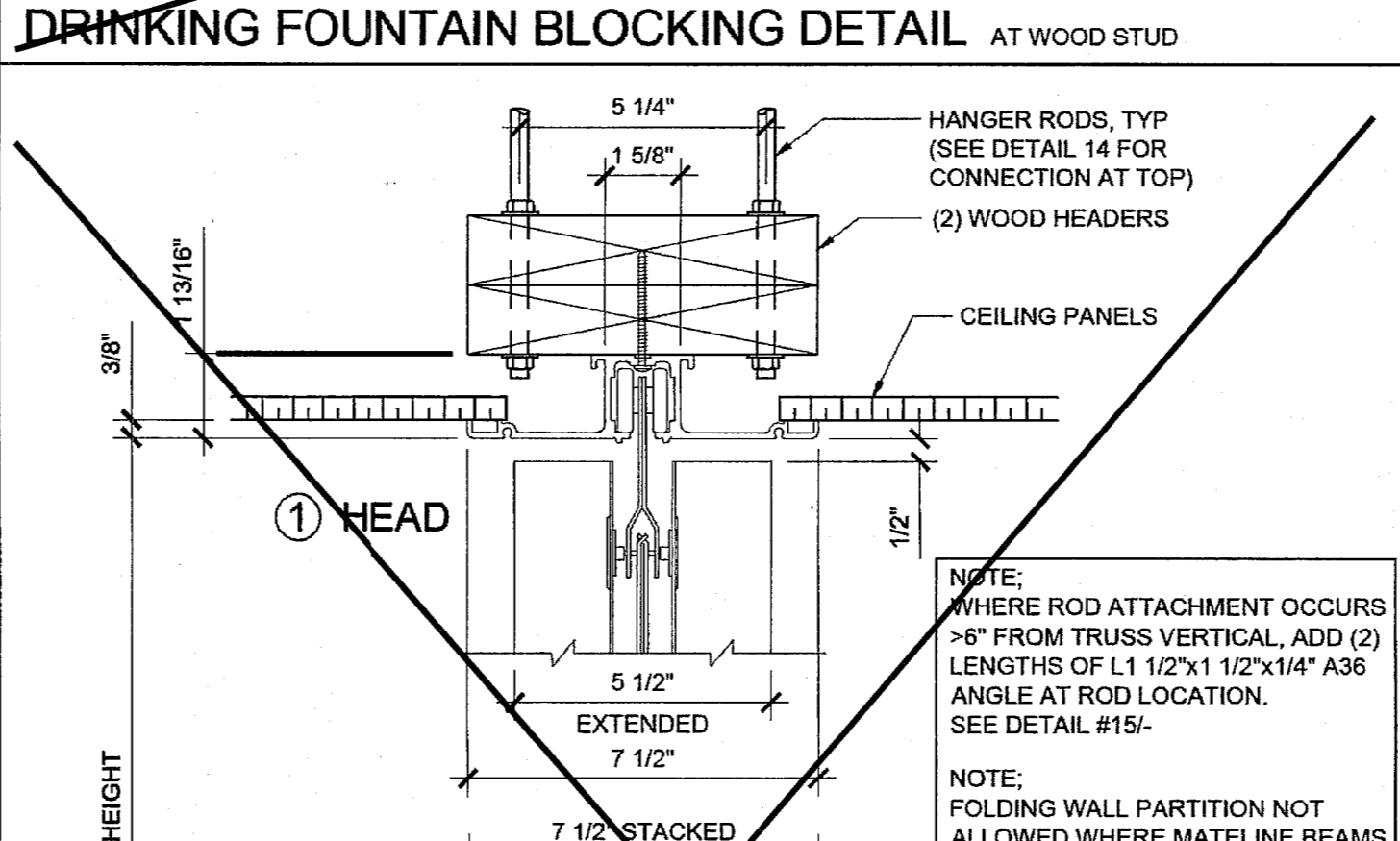
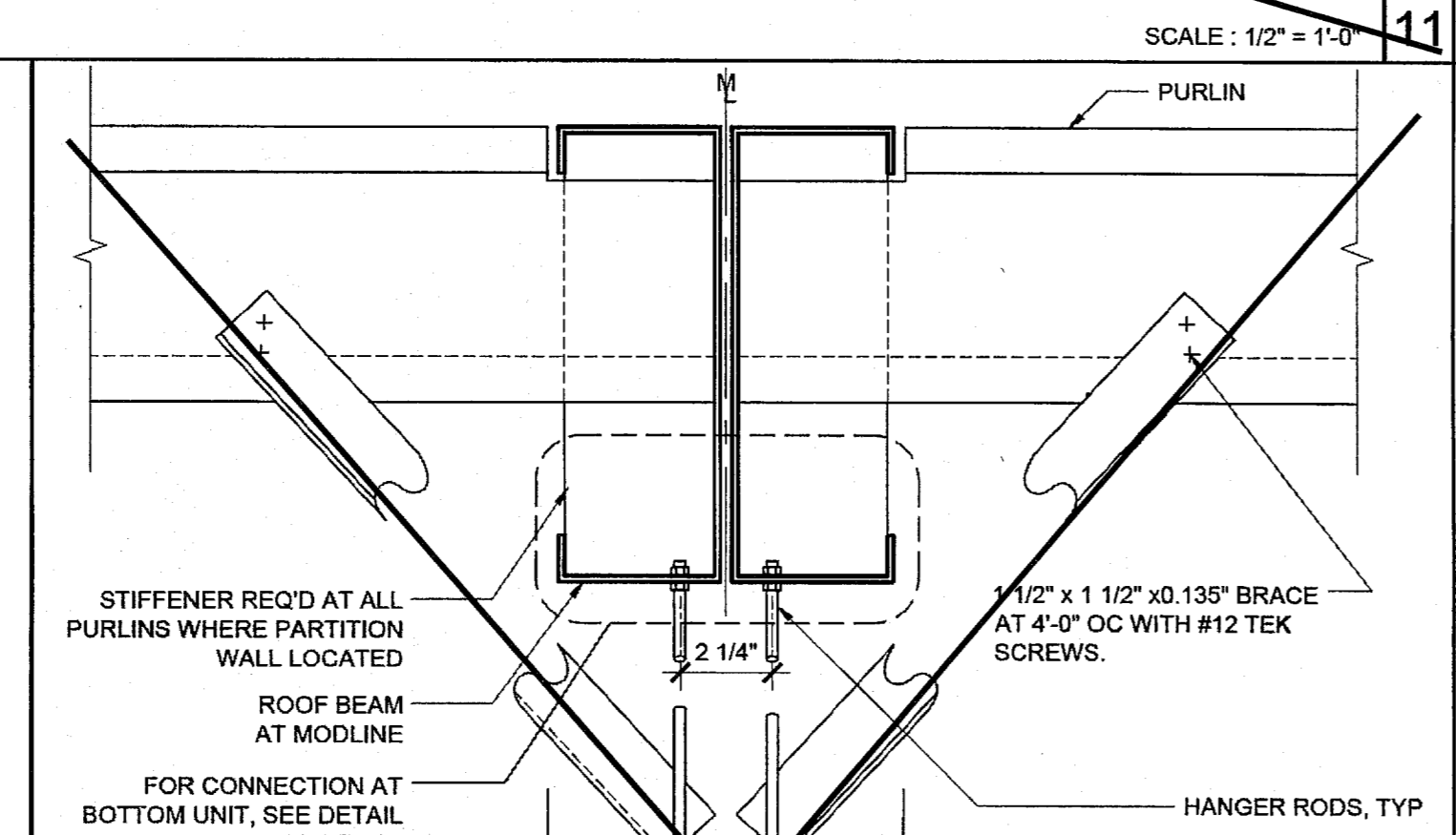
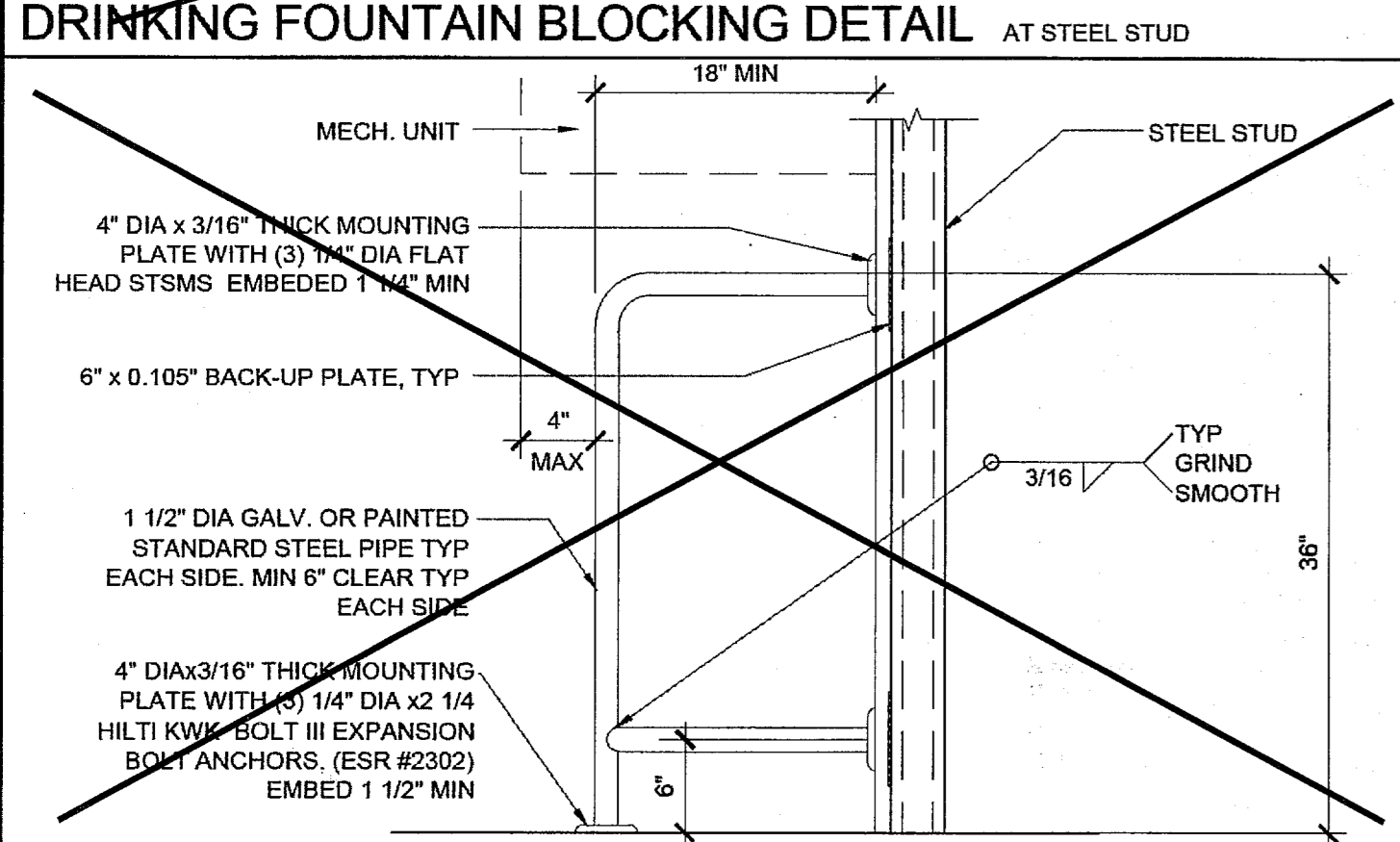
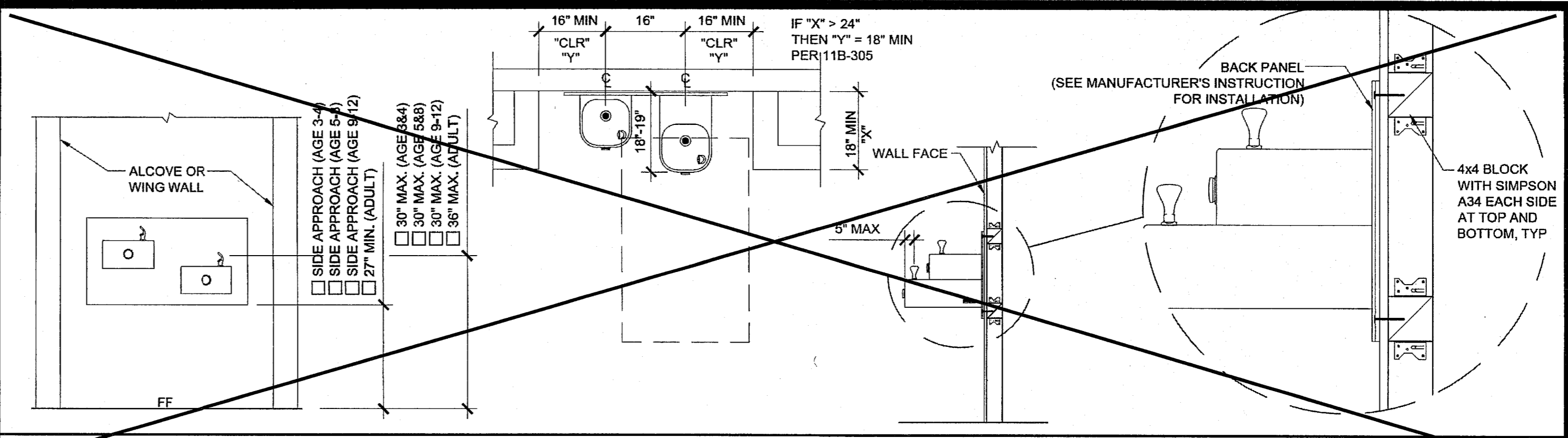
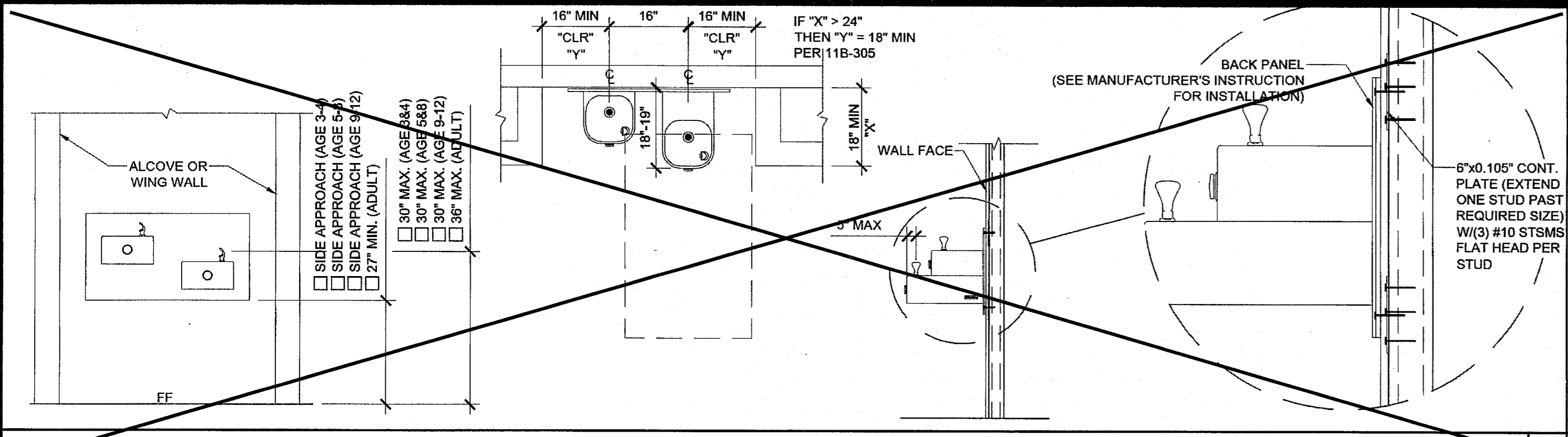
IDENTIFICATION STAMP
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 ACS [] FLS [] SS [] RAF []
 DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15
 P.C. SHEET NUMBER

A-5.80



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SILVER CREEK INDUSTRIES, INC.

BUILDING FOR THE NEXT GENERATION

SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME: 24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE: ARCHITECTURAL DETAILS MISCELLANEOUS/OPTIONS

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 04 116284 ACS FLS DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 04-114102 DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES 24' x 40' PC - 2:12 PITCH

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 01-30-15

P.C. SHEET NUMBER

A-5.81

REVISIONS

SILVER CREEK INDUSTRIES 24' x 40' PC - 2:12 PITCH

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 01-30-15

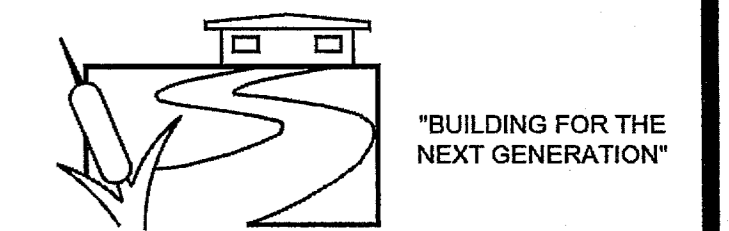
P.C. SHEET NUMBER

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SILVER CREEK INDUSTRIES, INC.



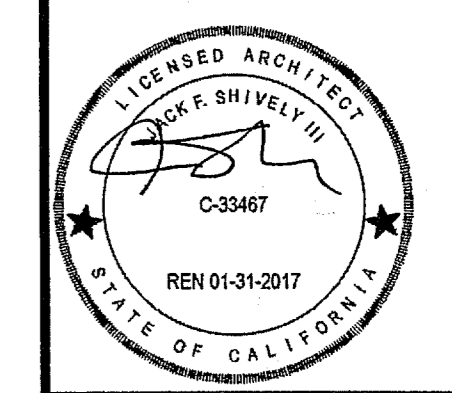
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

**INTERIOR ELEVATION
 24' x 40'**



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116281
 ACS FLS SS RAE
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

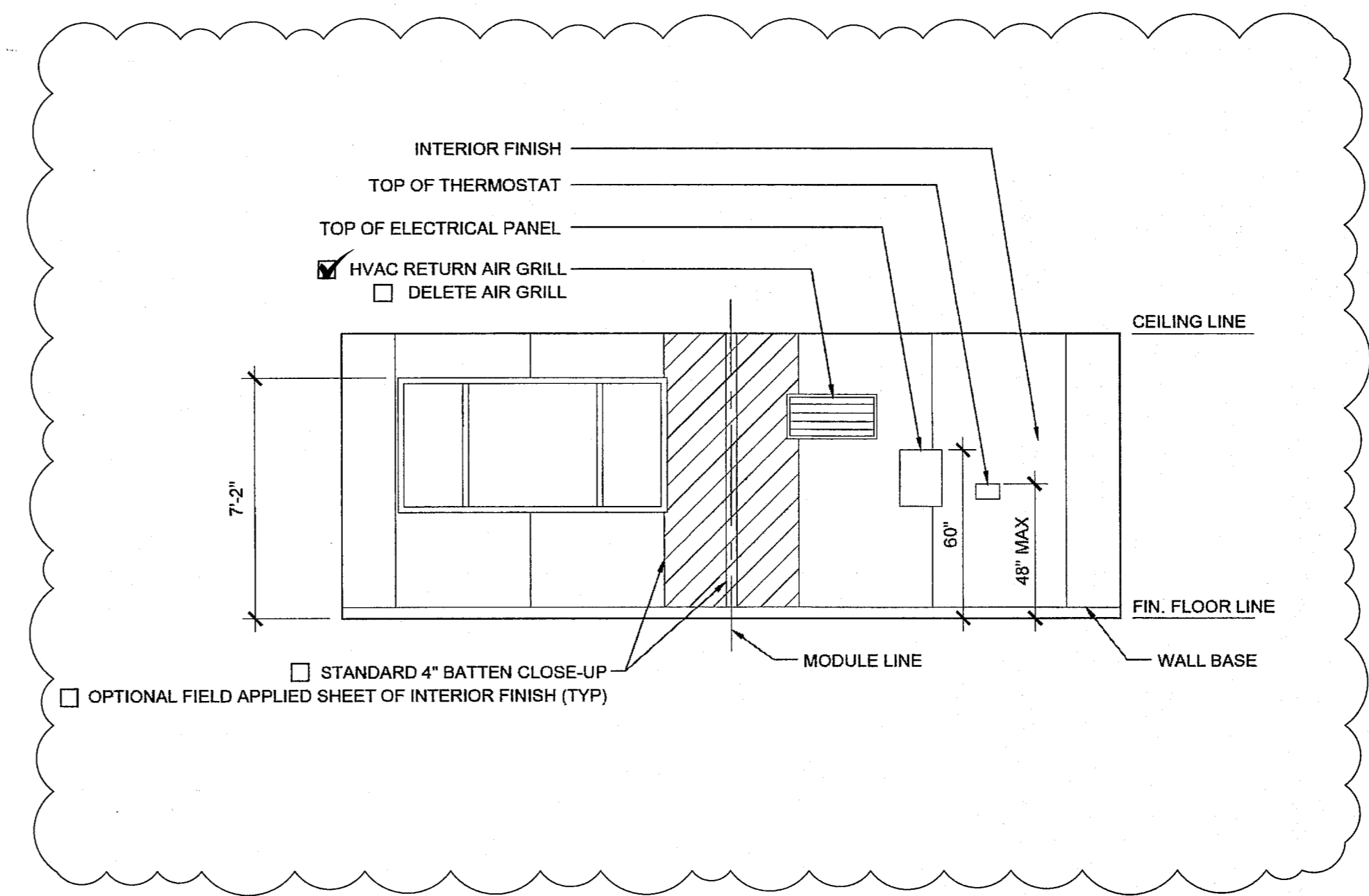
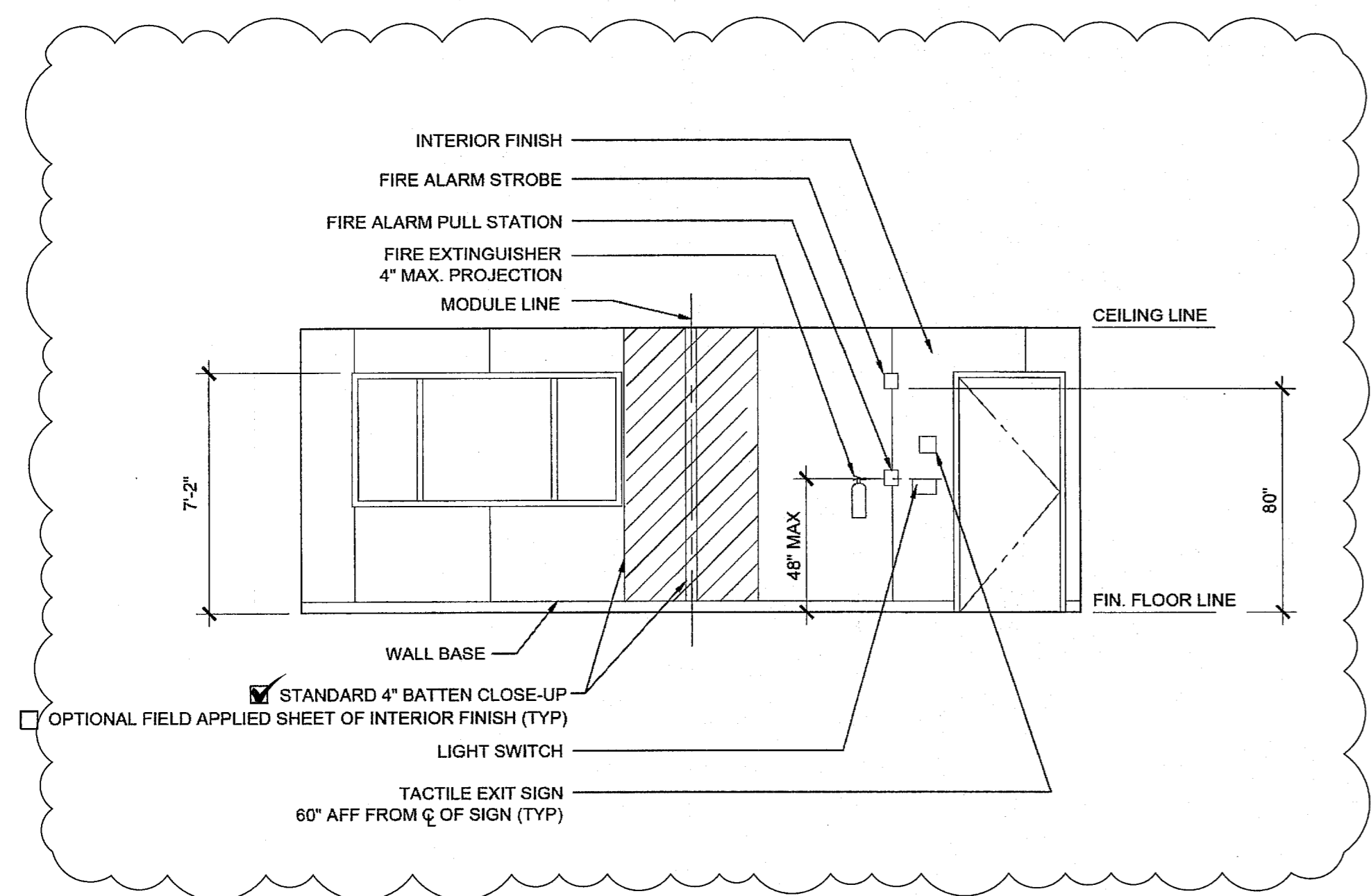
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 DATE AUG 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
A-6.01

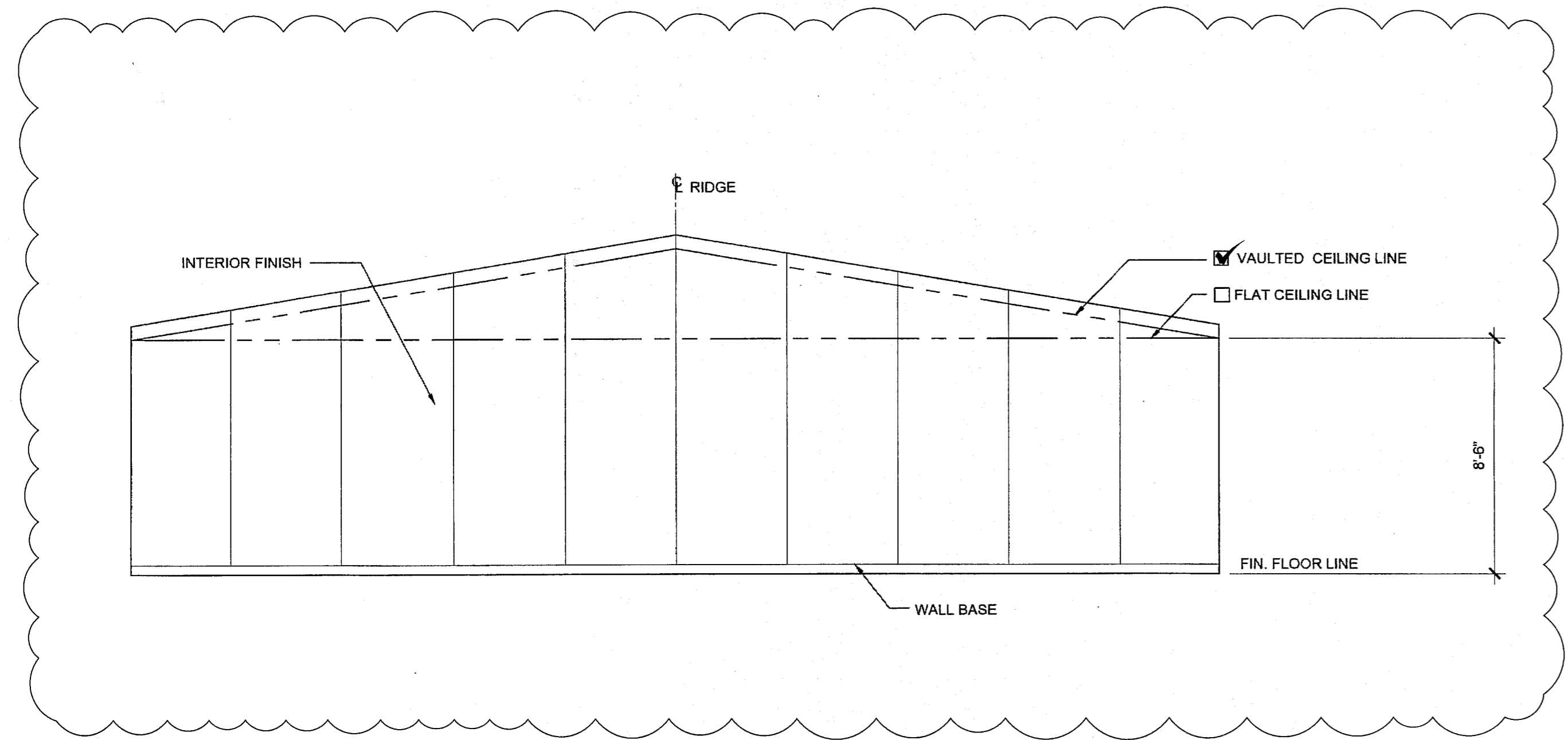


FRONT ELEVATION

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

REAR ELEVATION

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



SIDE ELEVATION

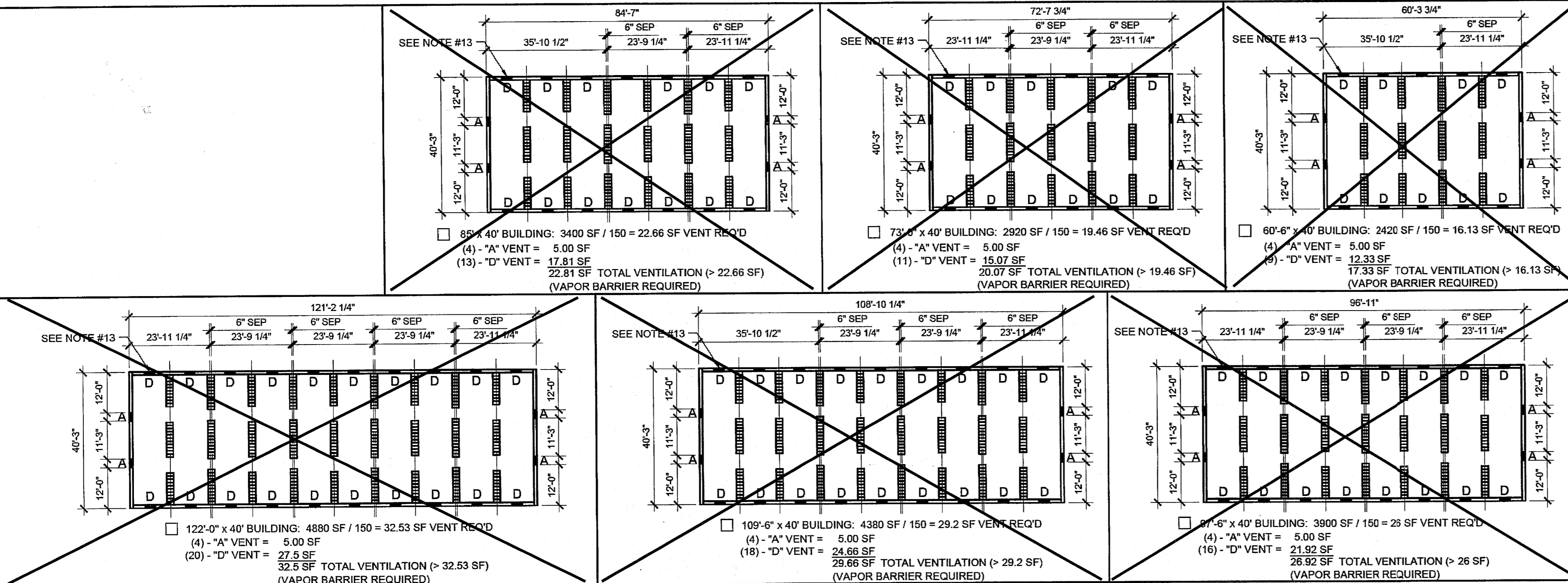
SCALE: 1/4" = 1'-0" 4

SIDE ELEVATION

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

REFER TO SHEET "A-6.01N" FOR PROJECT SPECIFIC

KEY PLAN VENTING CALCULATIONS W/O PARAPET



WOOD FOUNDATION PLATE SCHEDULE

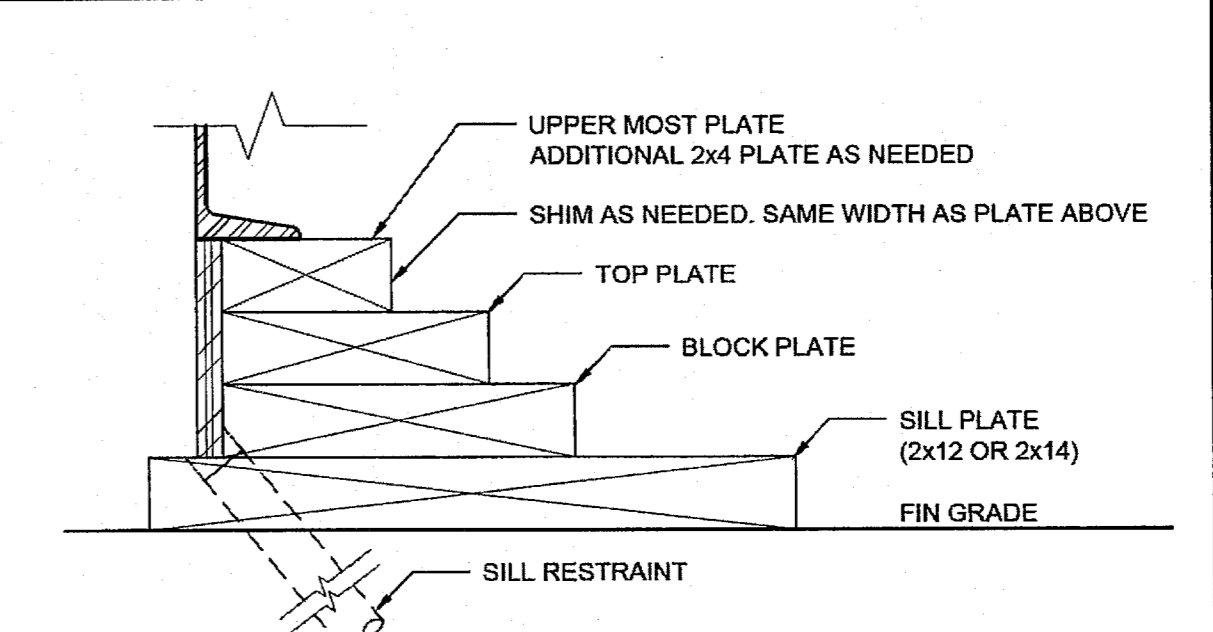
100 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL		SEPARATION PAD AT INTERIOR	
					SEPARATE BLDGS	ONE BLDG	SEPARATE BLDGS	ONE BLDG
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x6	(2) ROWS OF 2x4	2x12	(2) ROWS OF 2x4	2x12
TOP	2x6	2x6	2x8	2x8	(2) ROWS OF 2x6	2x12	(2) ROWS OF 2x6	2x12
BLOCK	2x8	2x8	2x10	2x10	(2) ROWS OF 2x8	2x12	(2) ROWS OF 2x8	2x12
SILL	2x14	2x14	2x12 x 2'-0"	(10) 2x12 x 2'-0"	(2) ROWS OF 2x14	(12) 2x12 x 2'-0"	(2) ROWS OF 2x14	(12) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

- VENT "A" (SIDEWALL): 2'-6" x 6" = 1.25 S.F. VENTILATION
- VENT "B" (ENDWALL): 2'-9" x 3" = 0.68 S.F. VENTILATION
- VENT "C" (ENDWALL): 2'-9" x 4 1/2" = 1.03 S.F. VENTILATION
- VENT "D" (ENDWALL): 2'-9" x 6" = 1.37 S.F. VENTILATION

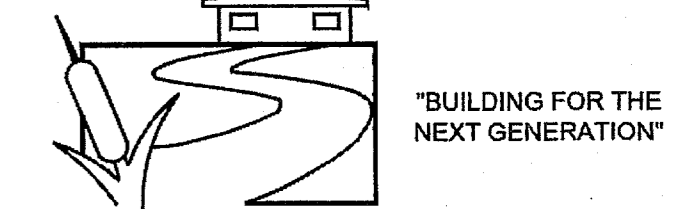
FOUNDATION PLATE DESCRIPTION



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 PHONE: 951-943-5393 FAX: 951-943-2211

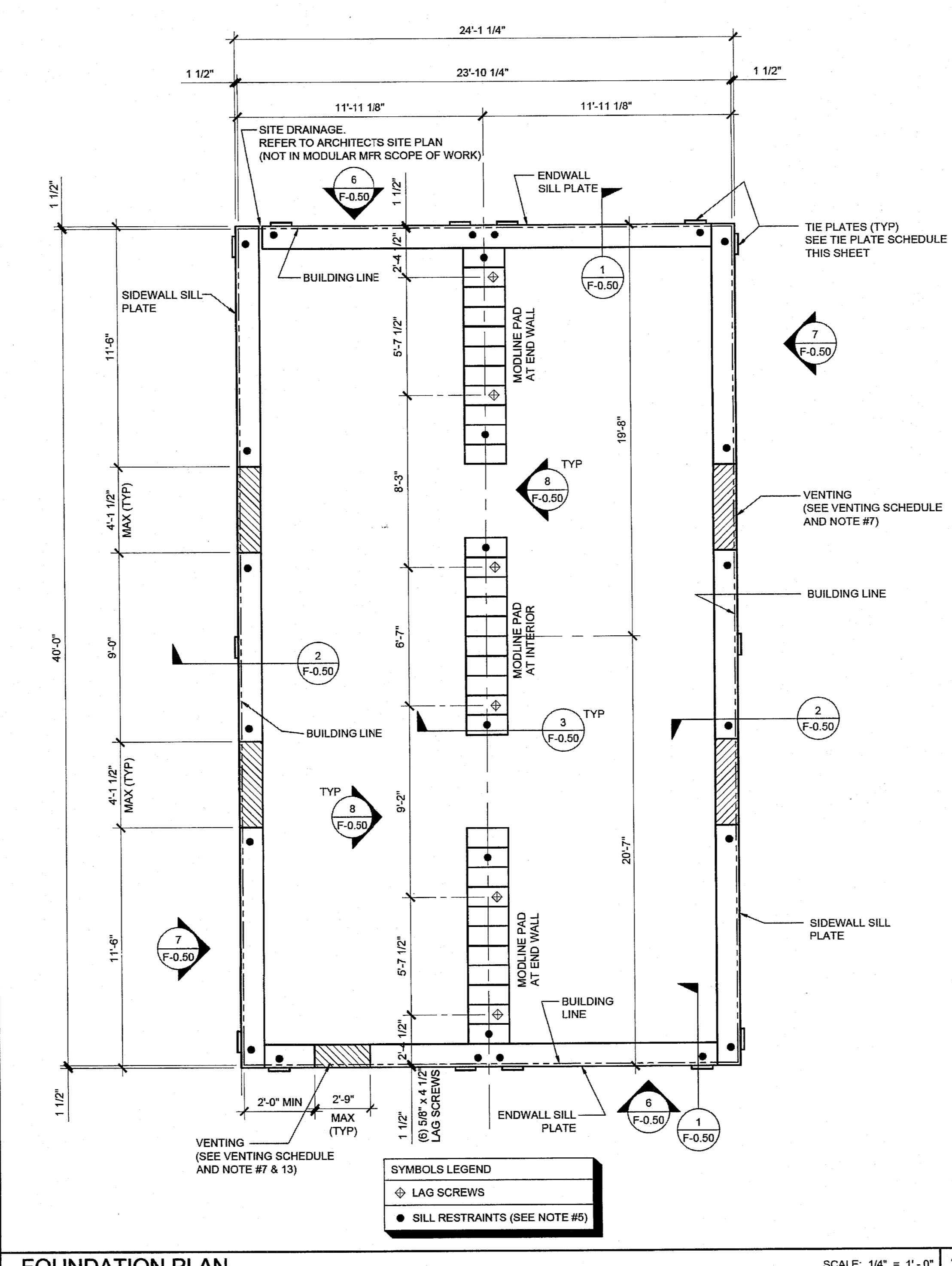
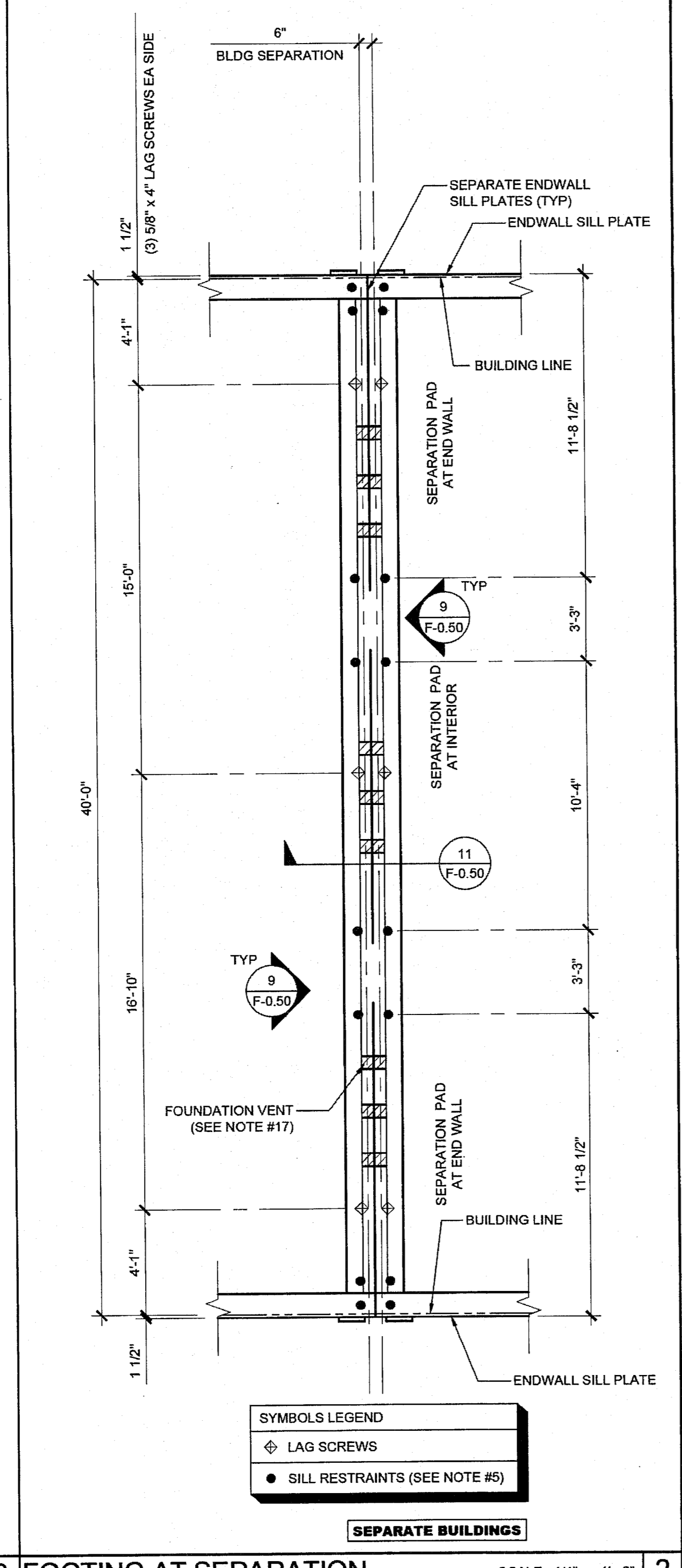
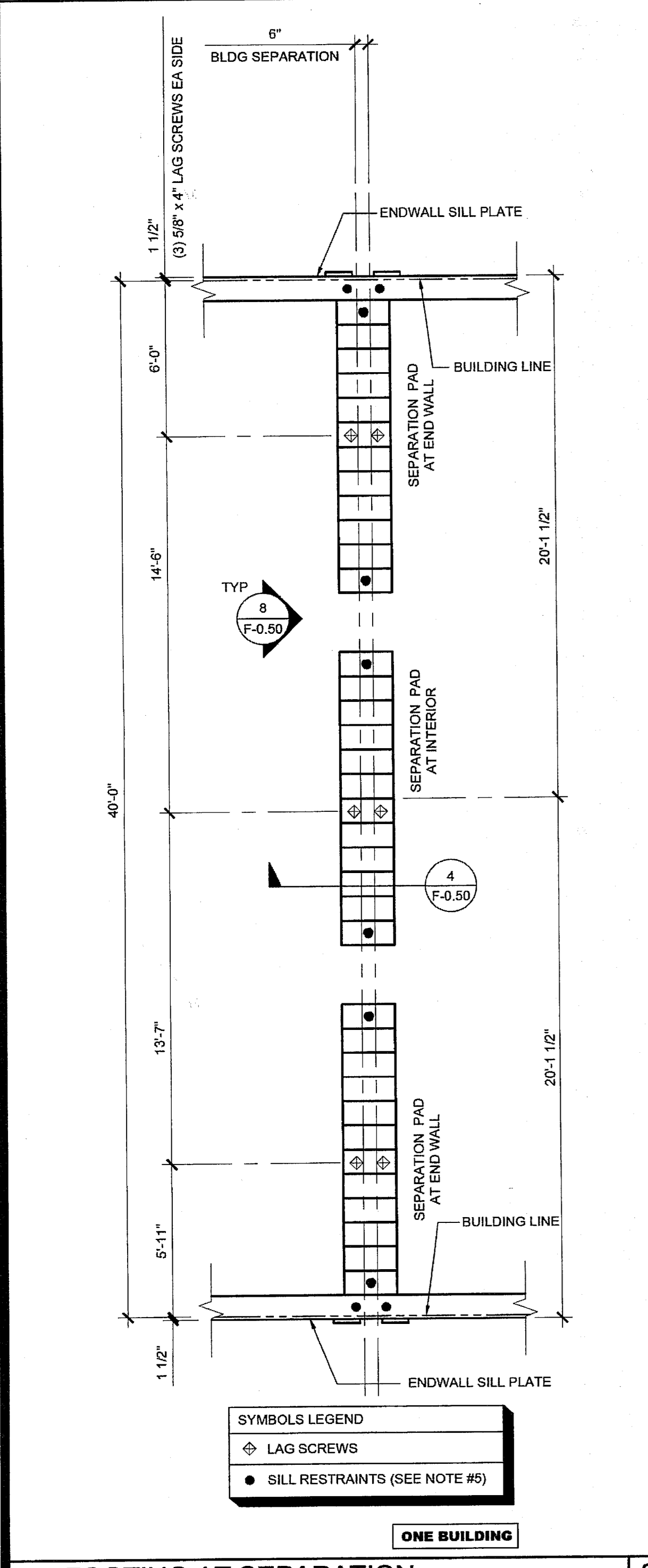
PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

WOOD FOUNDATION PLAN 24x40 (100 PSF)

NOTES

- BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
- FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
- FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
- WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-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 OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
- SILL RESTRAINT: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
- STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
- VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION-RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
- VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
- FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F-0.50
- IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
- FOR FOUNDATION SPLICE - SEE 5/F-0.50
- CRAWLSPACE VAPOR RETARDERS (OPTIONAL): THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2). MATERIALS: GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHYLENE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHYLENE FILM WITH RAT SLAB. INSTALLATION RECOMMENDATIONS: OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F-0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
- ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
- CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION @ EXTERIOR OF BUILDING
- IF PARAPET IS HIGHER THAN 18", COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
- 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
- VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
 A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
 B. VENTS ARE A MAXIMUM OF 6" LONG X 3" MIN. HIGH.
 C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.



NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
24' x 40'	8" OC AT ENDWALL - 1 / F-0.50 18" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQUIRED VENTING	SIDEWALL VENTING	ENDWALL VENTING	TOTAL VENTING SUPPLIED
24' x 40'	960 SF	6.4 SF (1/150)	4.125' x 4.5' = (4) 1.54 SF/EA (6.16 SF TOTAL)	2.75' x 4.5' = (1) 1.03 SF/EA (1.03 SF TOTAL)	7.19 SF SEE NOTE #8

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
24' x 40'	3	4	14

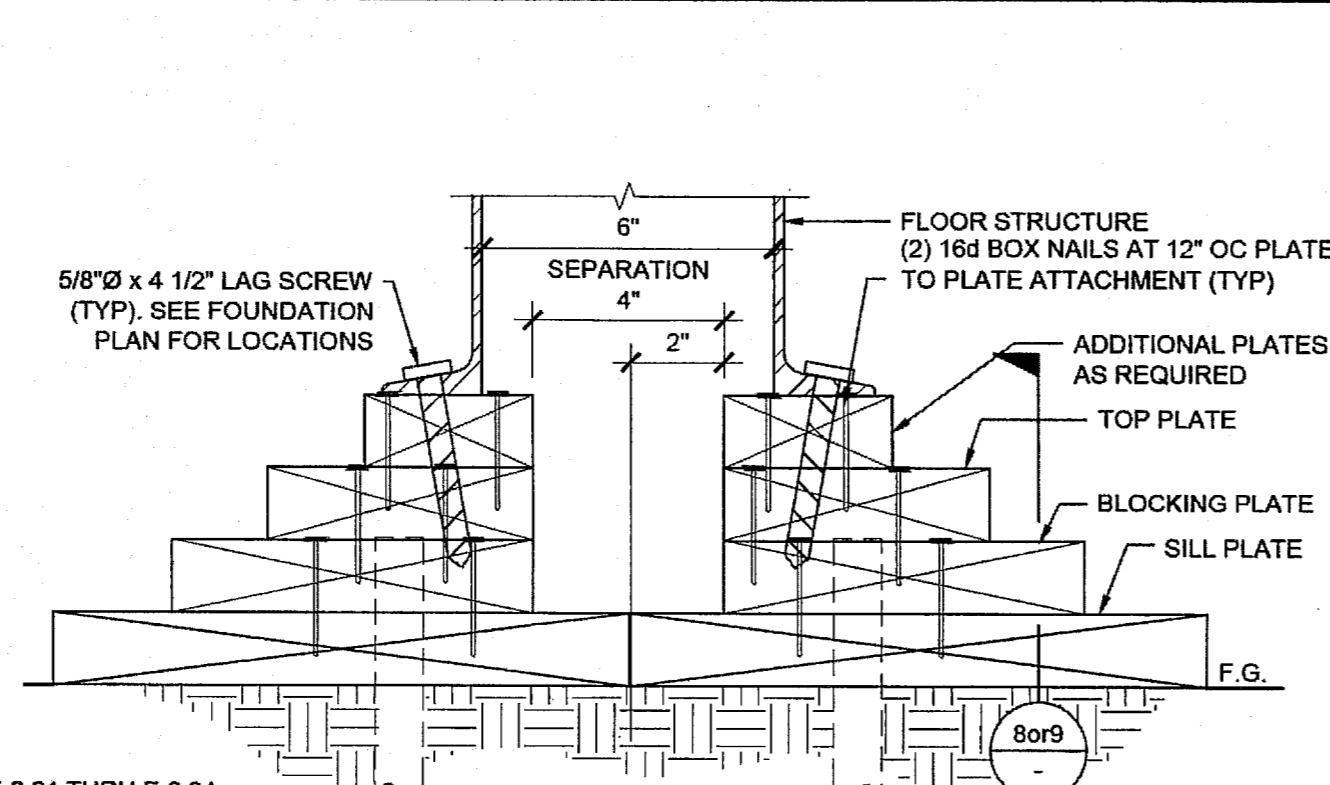
REVISIONS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SC RPF
 DATE MAY 18 2017

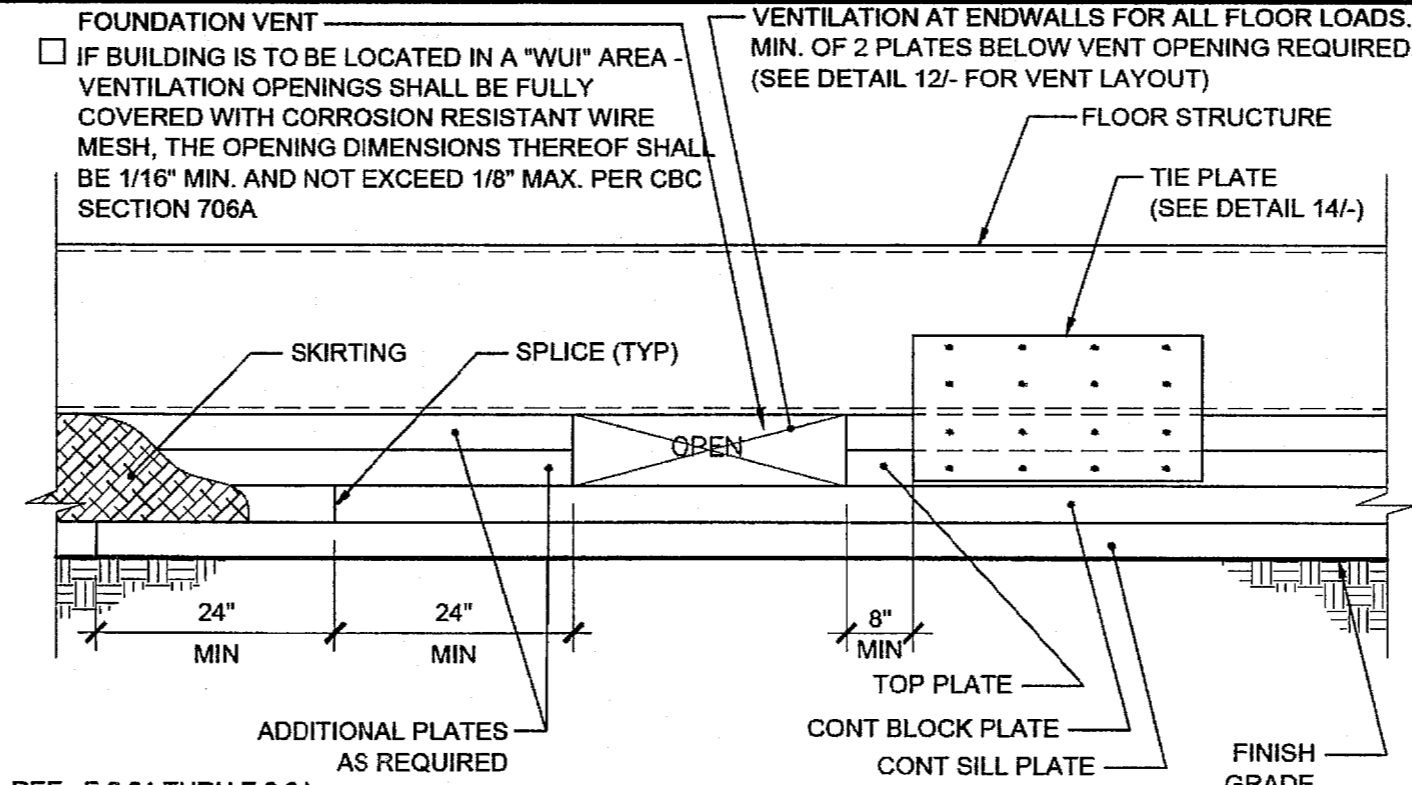
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 DATE AUG - 4 2015

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

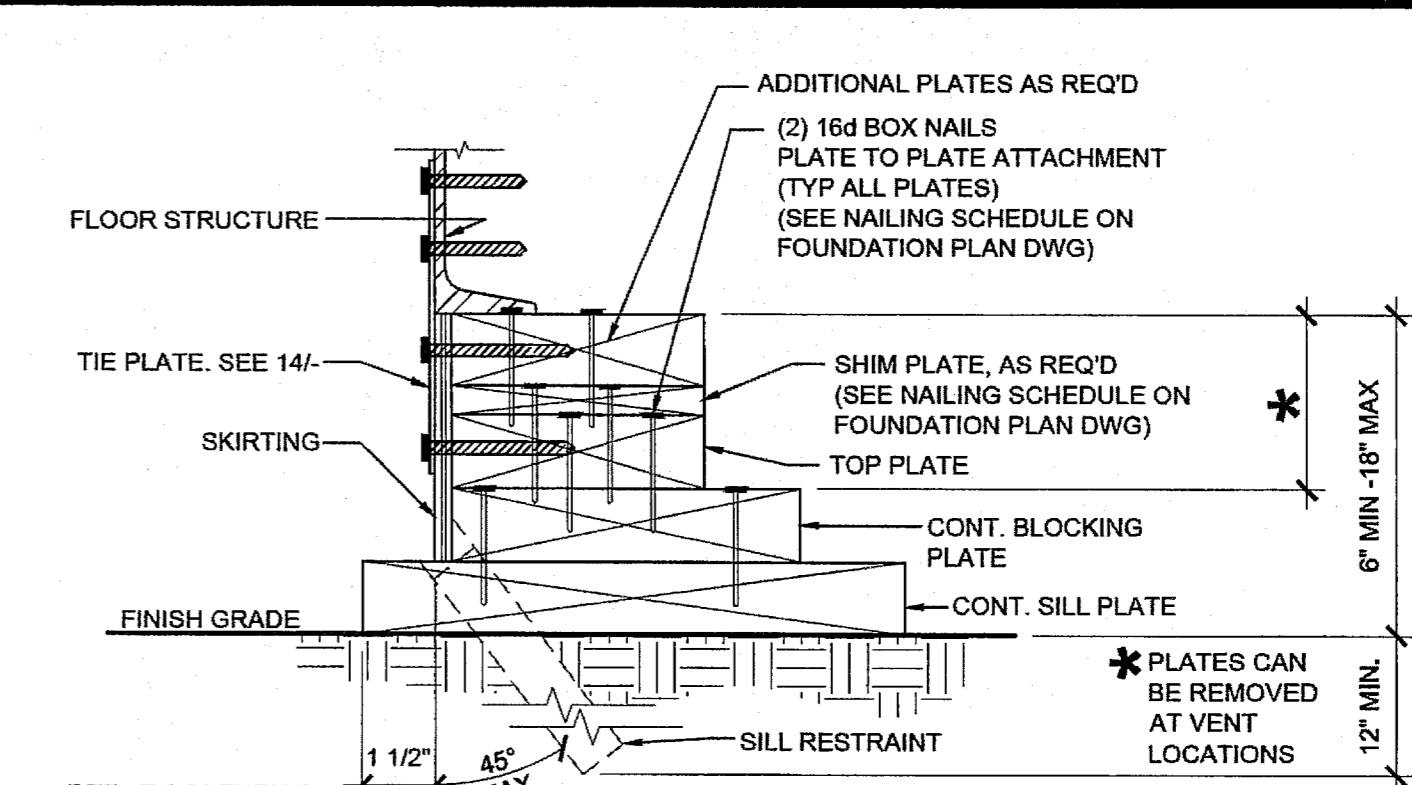
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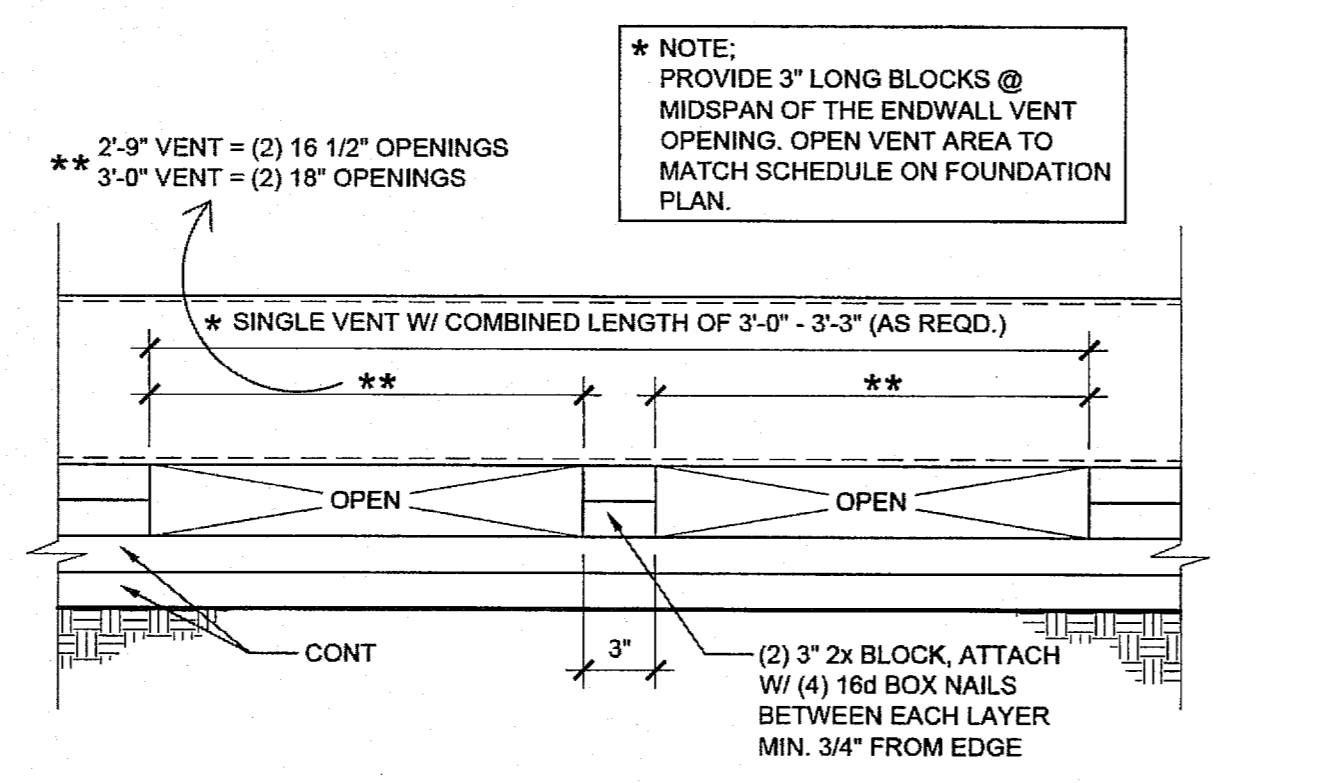
16 FOUNDATION AT ADJACENT BUILDING SCALE: 3"=1'-0"



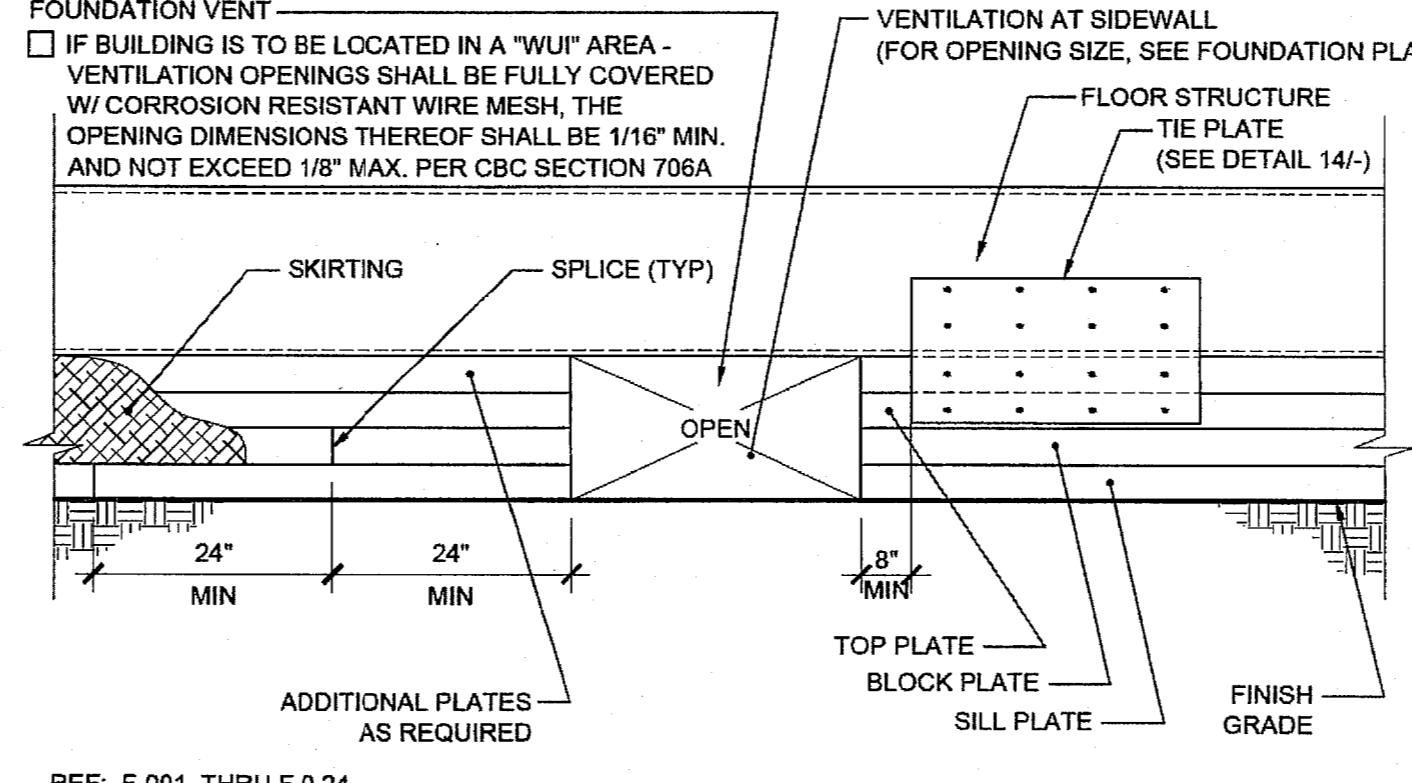
11 FOUNDATION ASSEMBLY END WALL ELEVATION SCALE: 1 1/2"=1'-0"



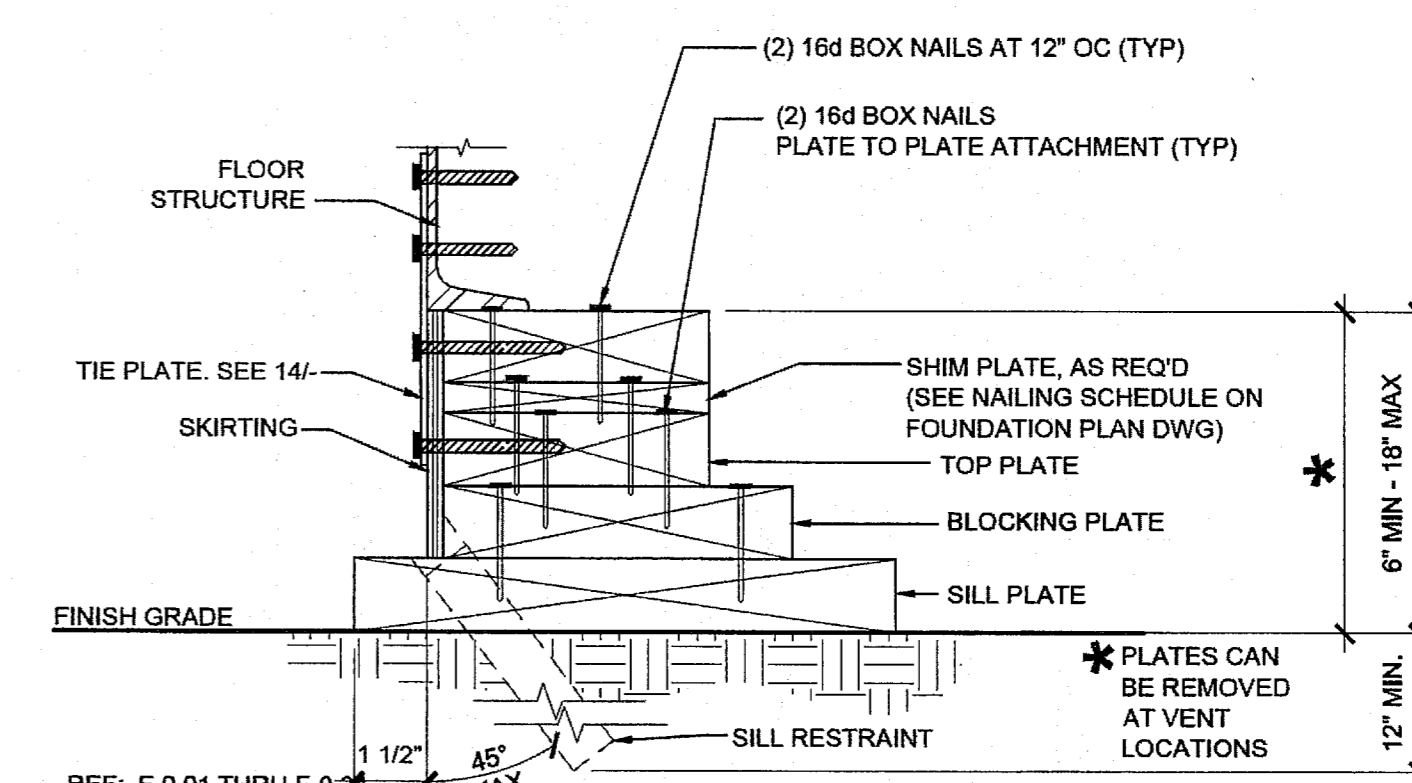
6 FOUNDATION AT END WALL SCALE: 3"=1'-0"



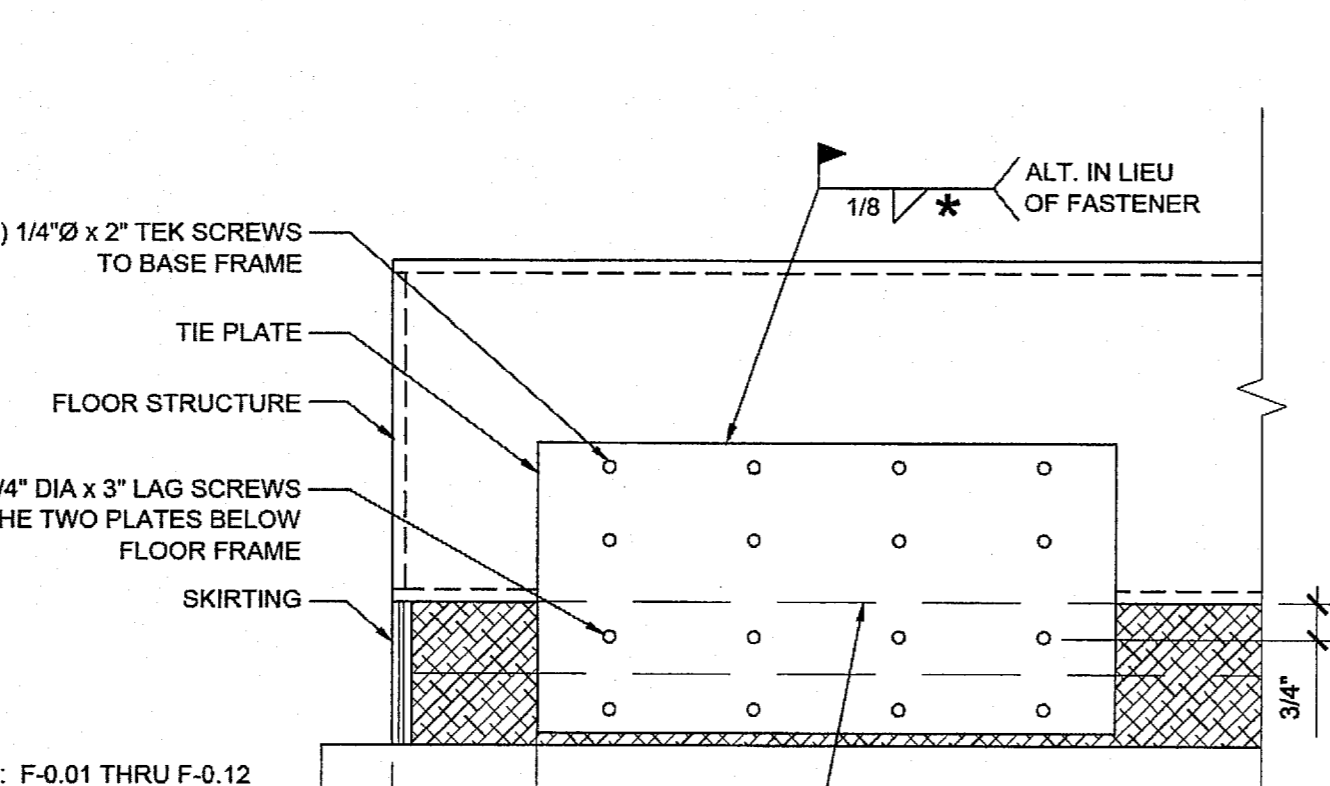
17 END WALL VENT SCALE: 1 1/2"=1'-0"



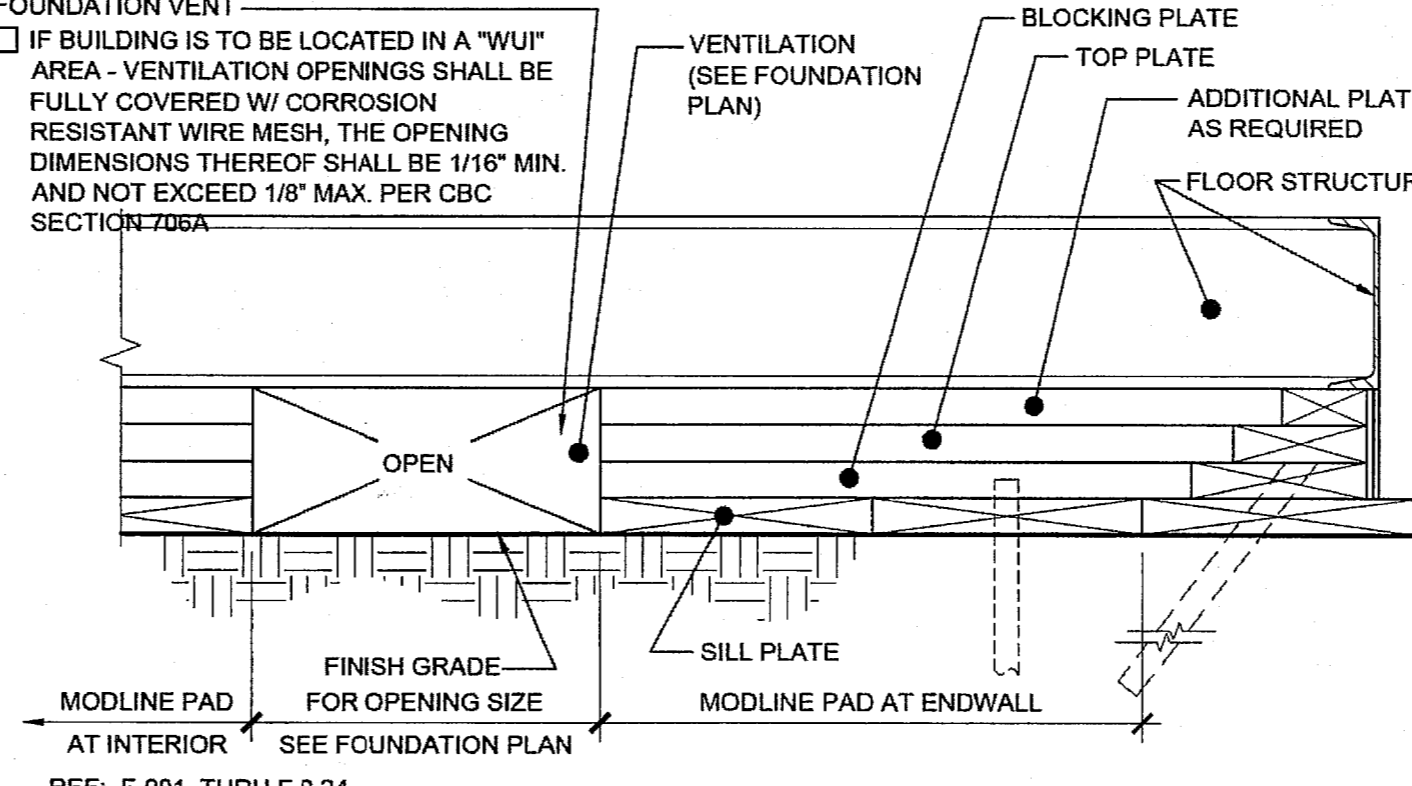
12 FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE: 1 1/2"=1'-0"



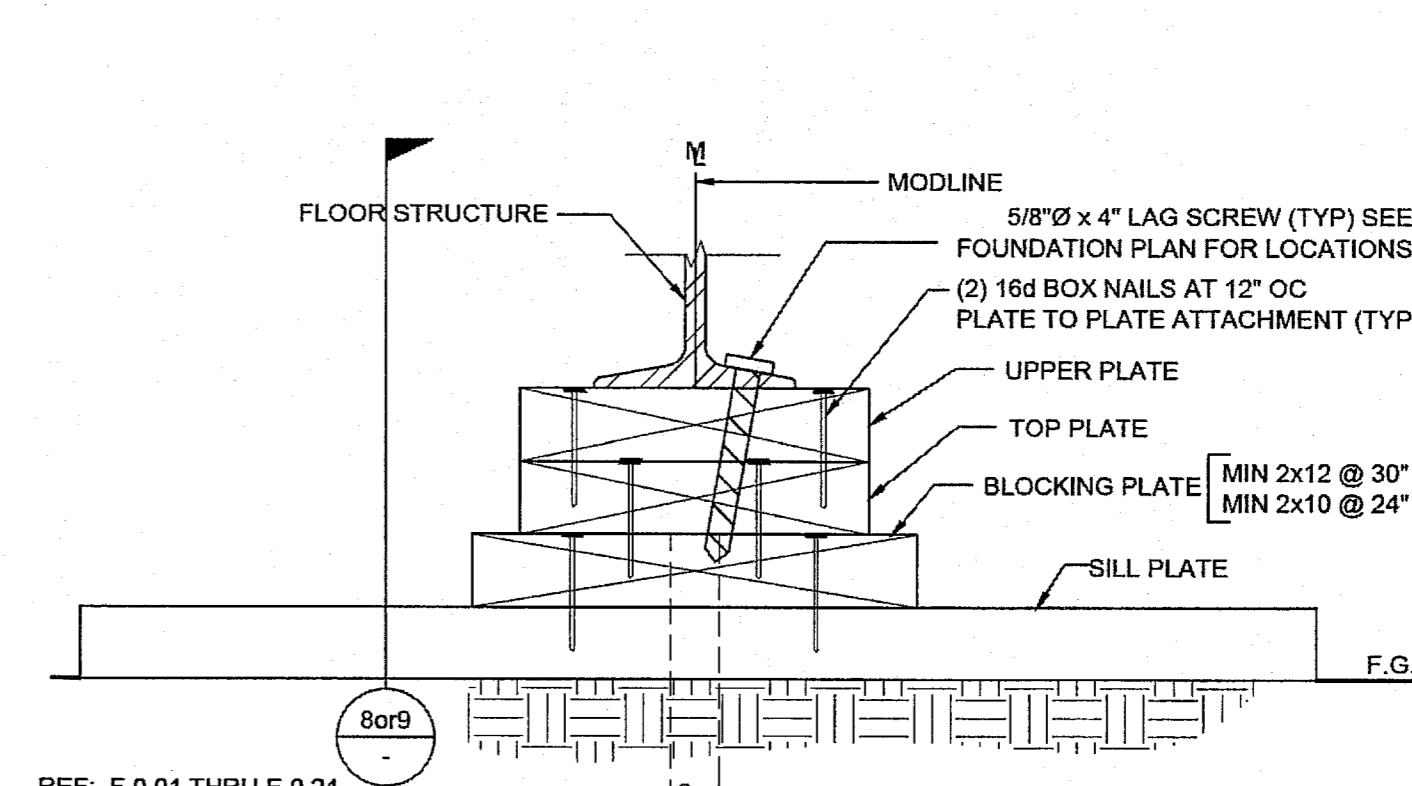
7 FOUNDATION AT SIDE WALL SCALE: 3"=1'-0"



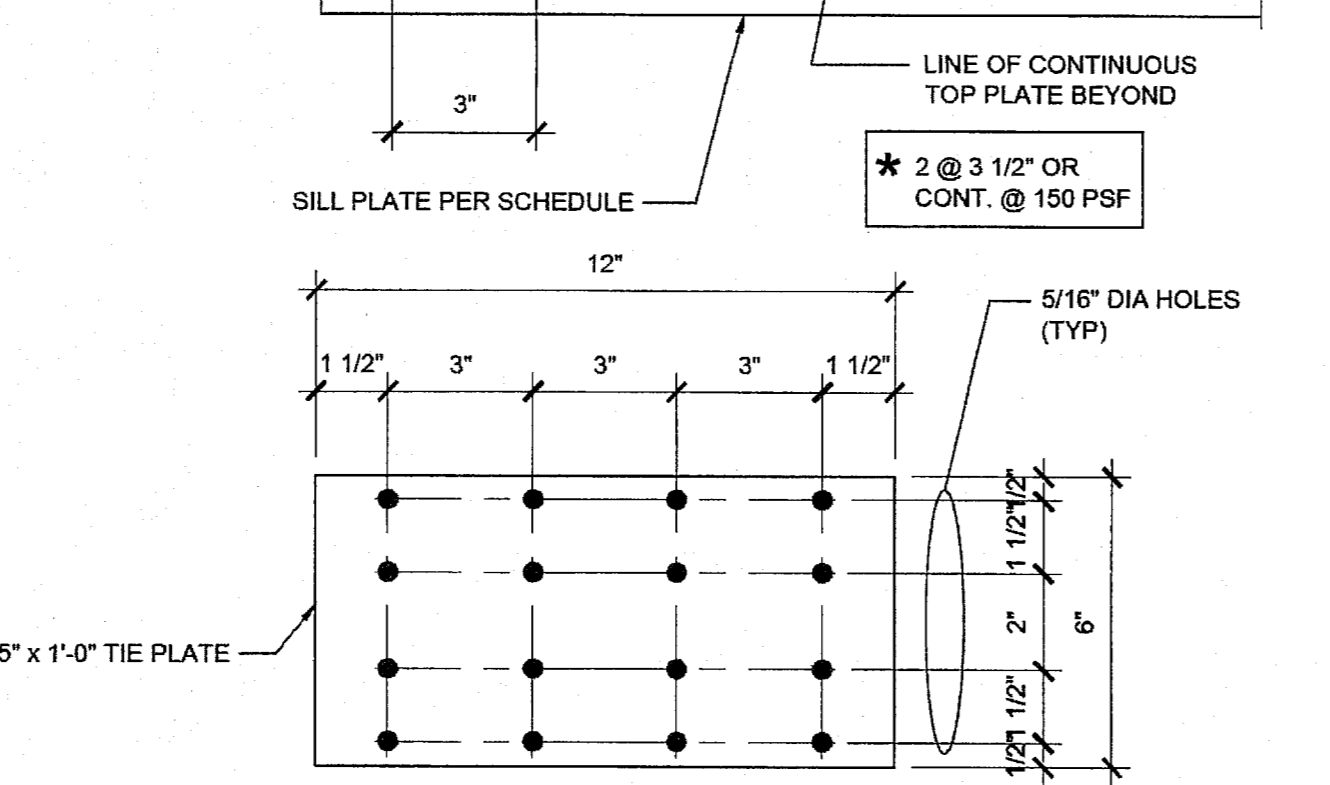
18 FOUNDATION AT MODLINE & SEPARATION SCALE: 1 1/2"=1'-0"



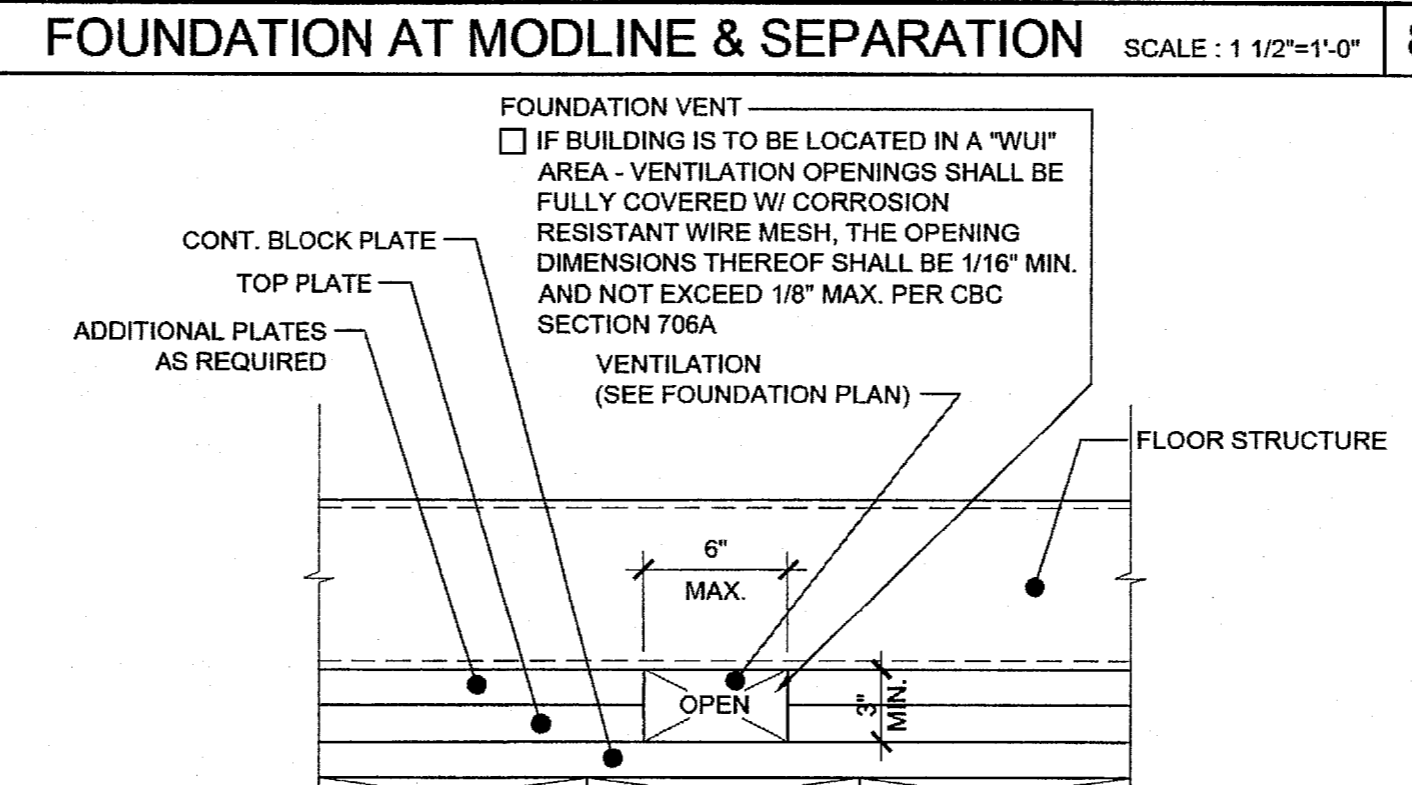
8 FOUNDATION AT MODLINE SCALE: 3"=1'-0"



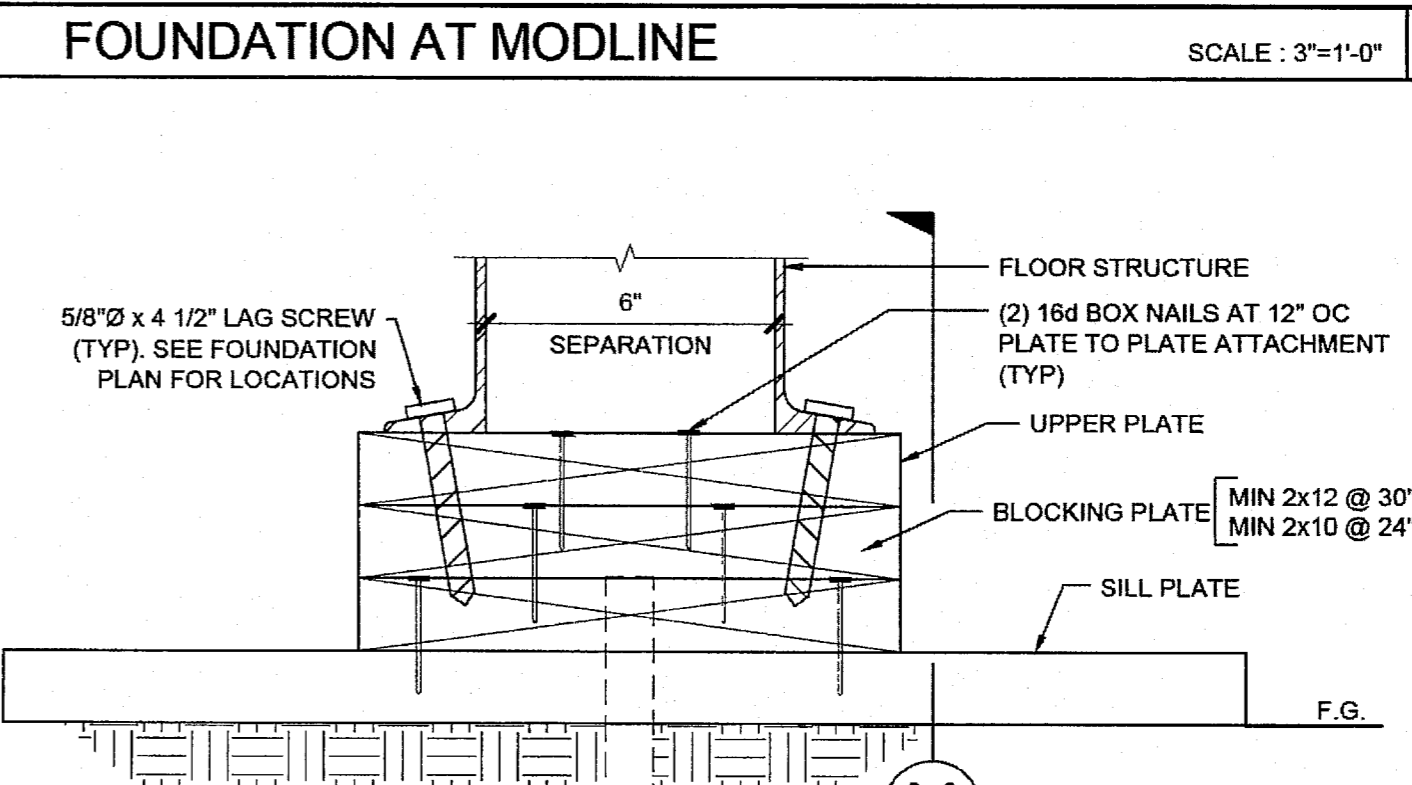
3 FOUNDATION AT ADJACENT BUILDING SCALE: 3"=1'-0"



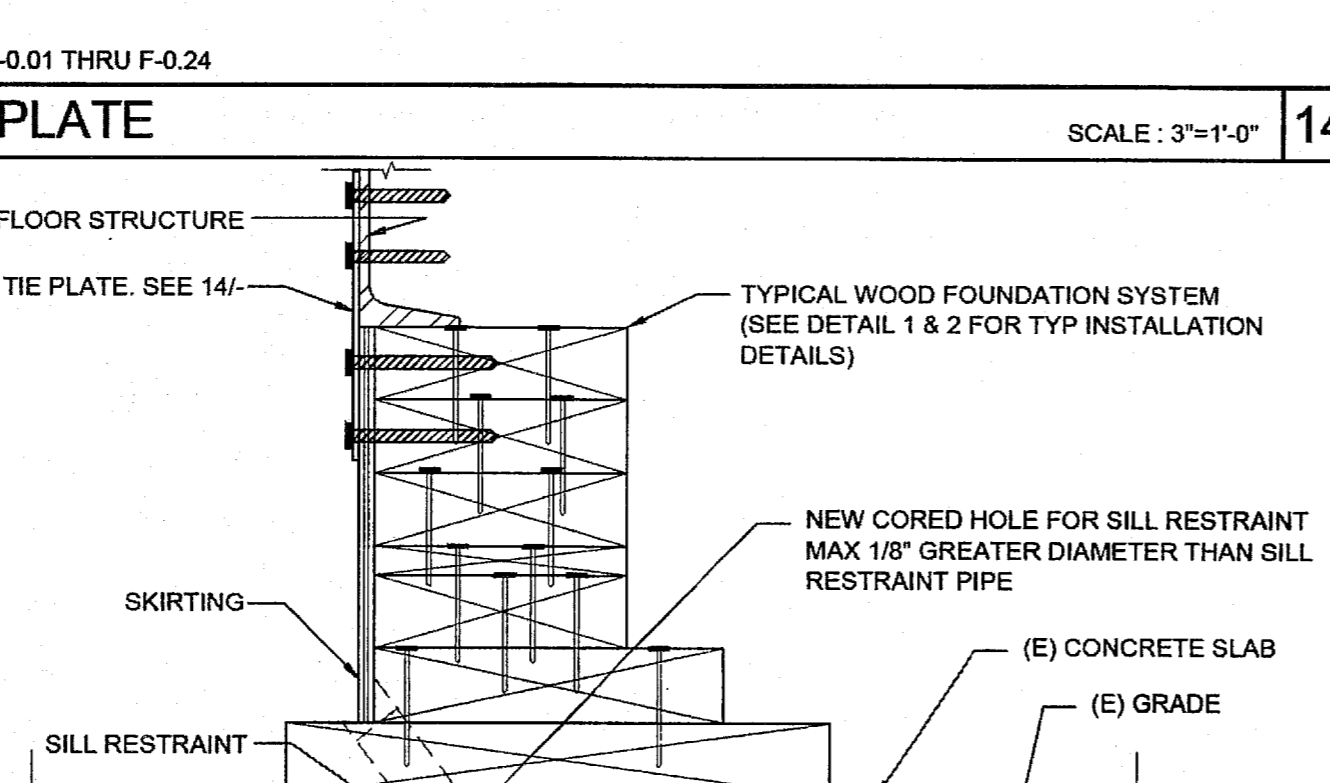
19 TIE PLATE SCALE: 3"=1'-0"



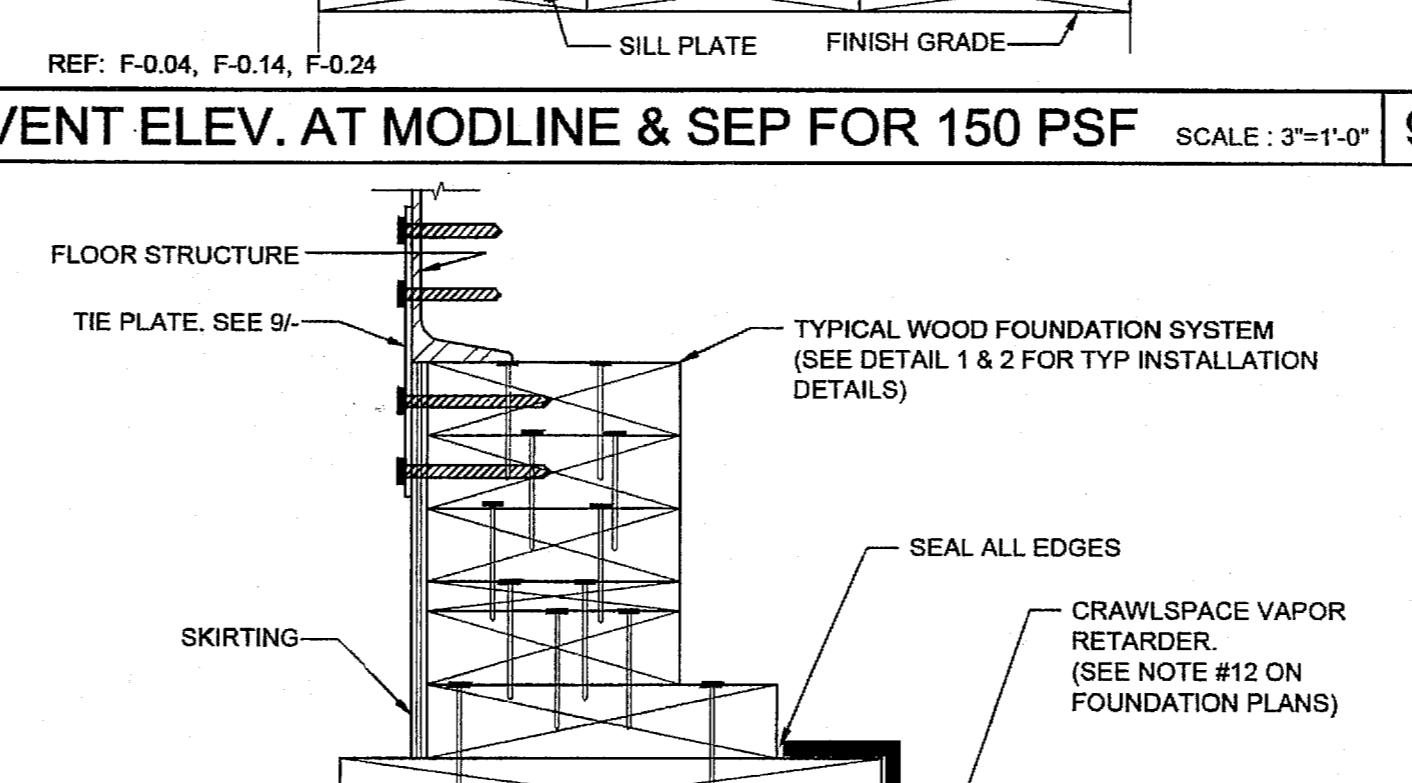
14 VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE: 3"=1'-0"



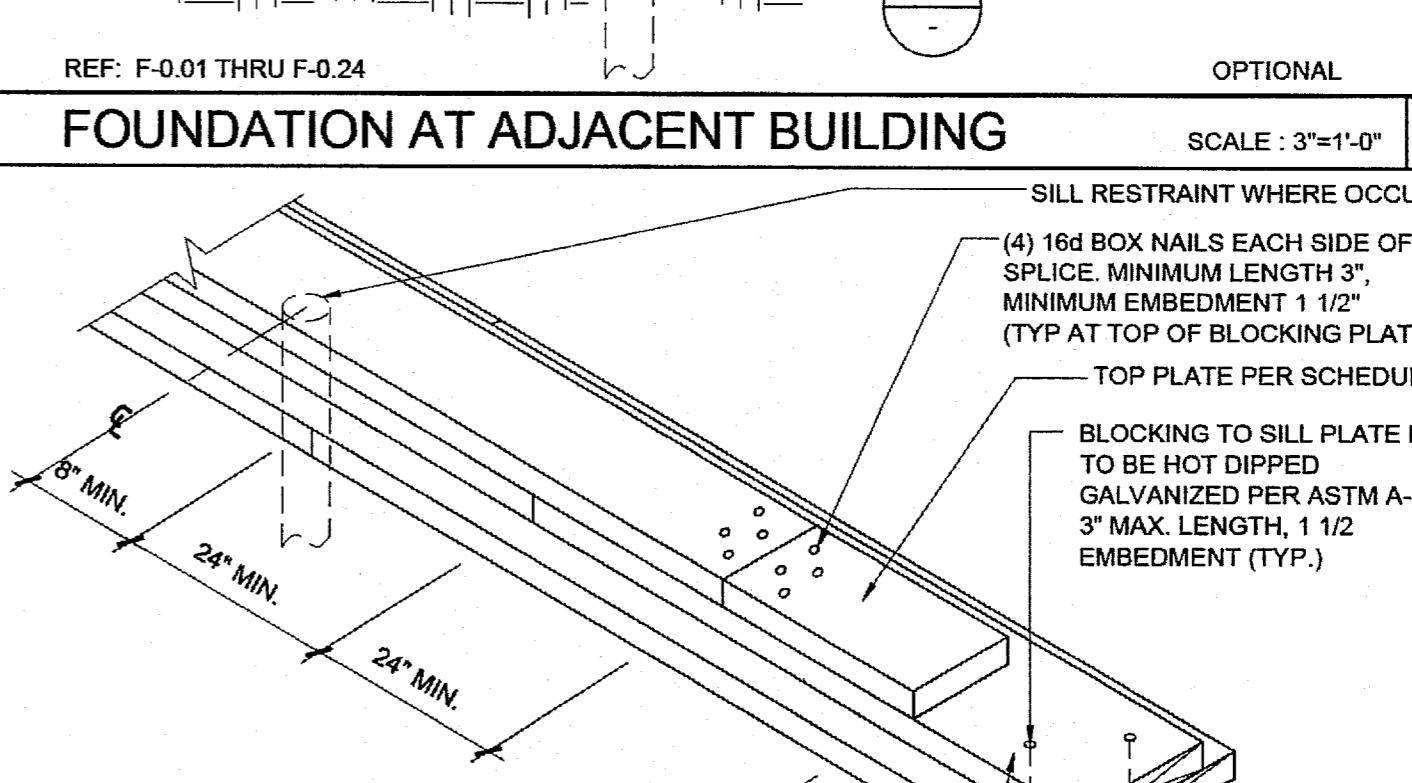
4 FOUNDATION AT ADJACENT BUILDING SCALE: 3"=1'-0"



20 FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE: 3"=1'-0"



15 CRAWLSPACE VAPOR RETARDER SCALE: 3"=1'-0"



5 FOUNDATION SPLICE SCALE: NTS

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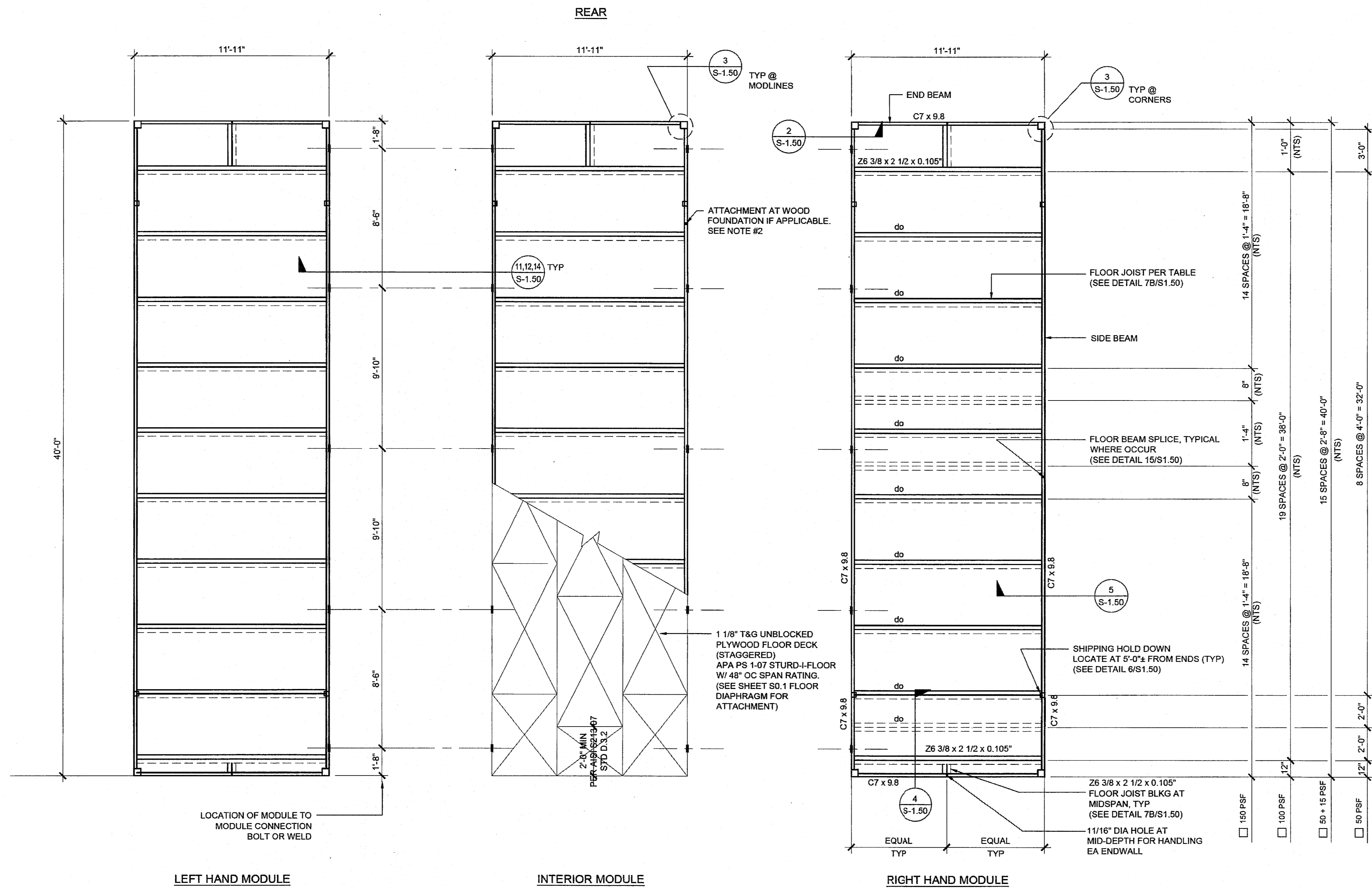
SILVER CREEK INDUSTRIES, INC. "BUILDING FOR THE NEXT GENERATION" 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME: 24x40 STOCKPILE OFFICE BUILDING SHEET TITLE: FOUNDATION DETAILS WOOD

STAVARES ASSOCIATES ARCHITECTS REGISTERED ARCHITECTS AND PROFESSIONAL ENGINEERS 14510 W. REINHARDT DR. SUITE 200 SAN JOSE, CA 95131 WWW.STAVARES.COM LICENSED ARCHITECT JACK F. SHIVELY III No. C-33467 01-31-17 RENEWAL DATE 06/15/15 REGISTERED PROFESSIONAL ENGINEER No. S3380 STRUCTURAL STATE OF CALIFORNIA 14217

ARCHITECT OF RECORD SUBMISSION DATE PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 04 116284 ACS FLS SS RPF DATE MAY 8 2017 ORIGINAL PC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 04-114102 ACS FLS SS RPF DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES 24' x 40' PC - 2-12 FITCH PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 01-30-15 P.C. SHEET NUMBER F-0.50



NOTES:

- FOR FLOOR BLOCKING SEE DETAILS 4, 7B / S-1.50 (STD), 4, 7A / S-1.50 (ALT)
- FOR BUILDINGS ON WOOD FOUNDATION SYSTEMS, PROVIDE 1 1/16" DIA. HOLE AT BOTTOM FLANGE OF FLOOR BEAM FOR LAG SCREW ATTACHMENT TO FOUNDATION PLATES BELOW. FOR EXACT HOLE LOCATIONS, SEE FOUNDATION PLAN.

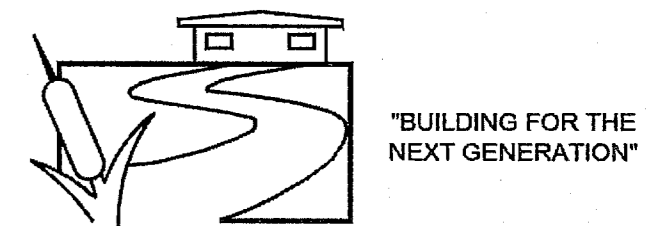
FLOOR JOIST TABLE

	LIVE LOAD PSF	JOIST SPACING
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<input type="checkbox"/>	50 + 15	32"
<input checked="" type="checkbox"/>	100	24"
<input type="checkbox"/>	150	16"

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 APP. 03-119509 INC.
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 SS FLS ACS
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.



SILVER CREEK

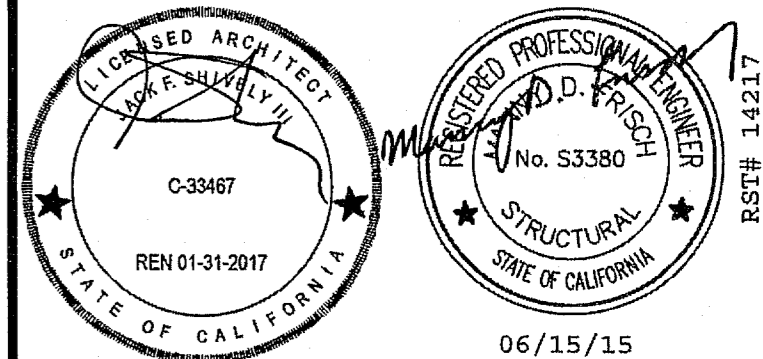
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

**24x40 STOCKPILE
OFFICE BUILDING**

SHEET TITLE:

**FLOOR FRAMING PLAN
WOOD FLOOR**



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT

04 11 6284 11
 ACS FLS SS RPF
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK PC DOCUMENT
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

PC 04-114102
 AC FLS SS RPF
 DATE AUG - 4 2015

REVISIONS

NO.	DESCRIPTION

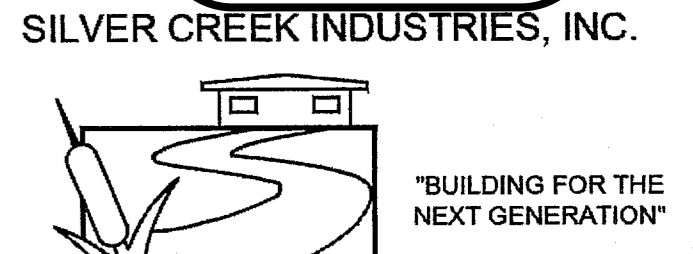
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
S-1.01

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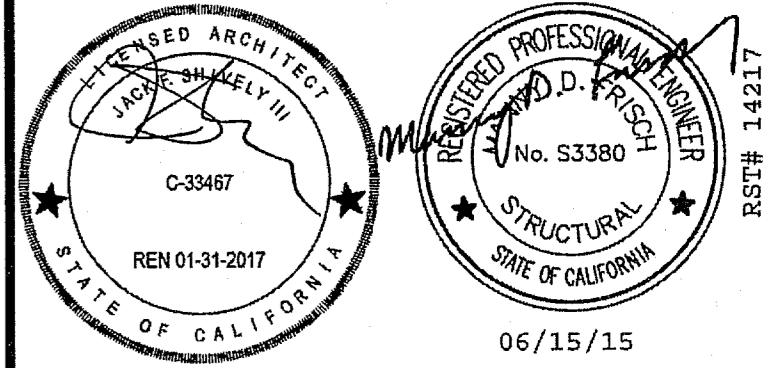
APP. 03-119509 INC. REVIEWED FOR SS [] FLS [] ACS [] DATE: 10/1/2019



SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
**FLOOR FRAMING DETAILS
 WOOD FLOOR**



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284 J.
 ACS [] FLS [] SS [] RA []
 DATE MAY 10 2017

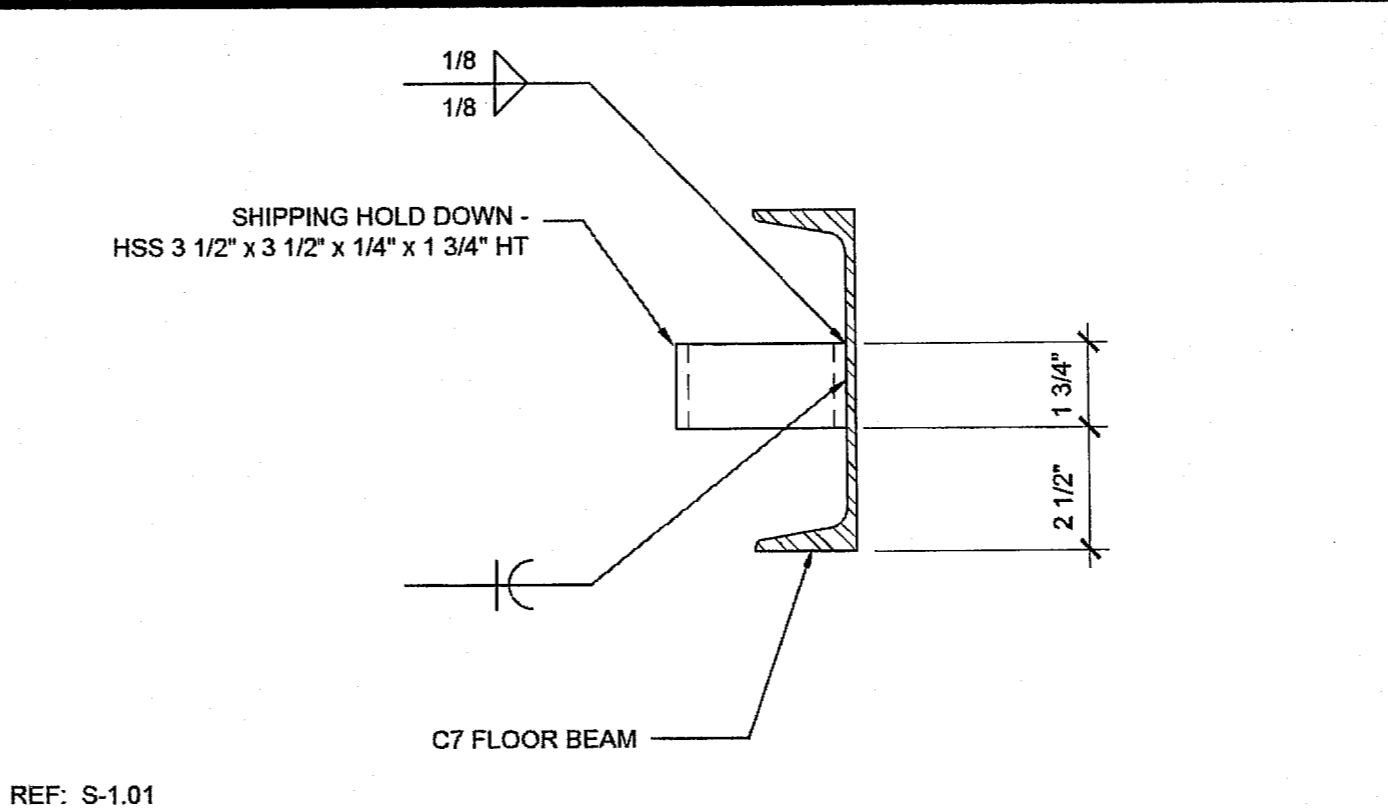
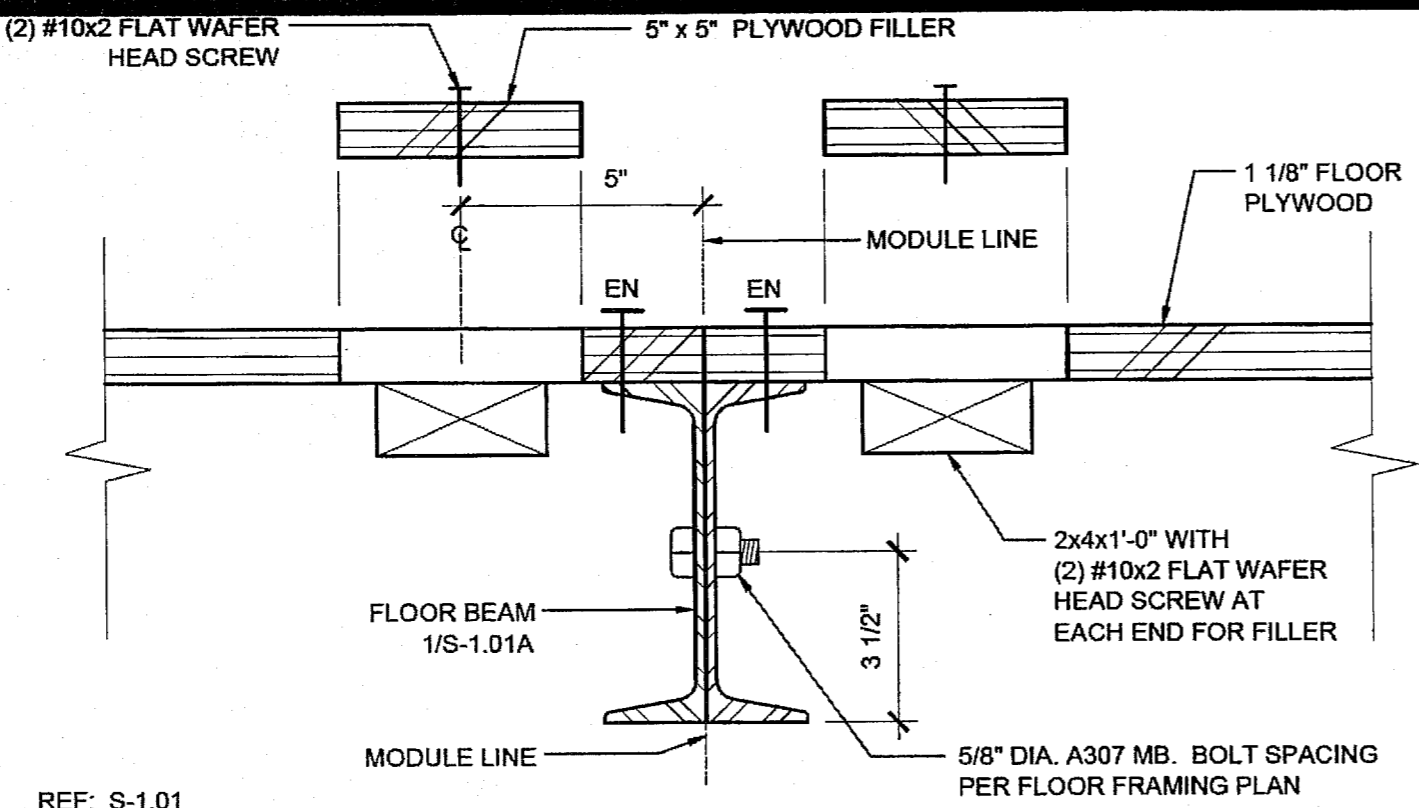
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 PC 04-114102
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SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

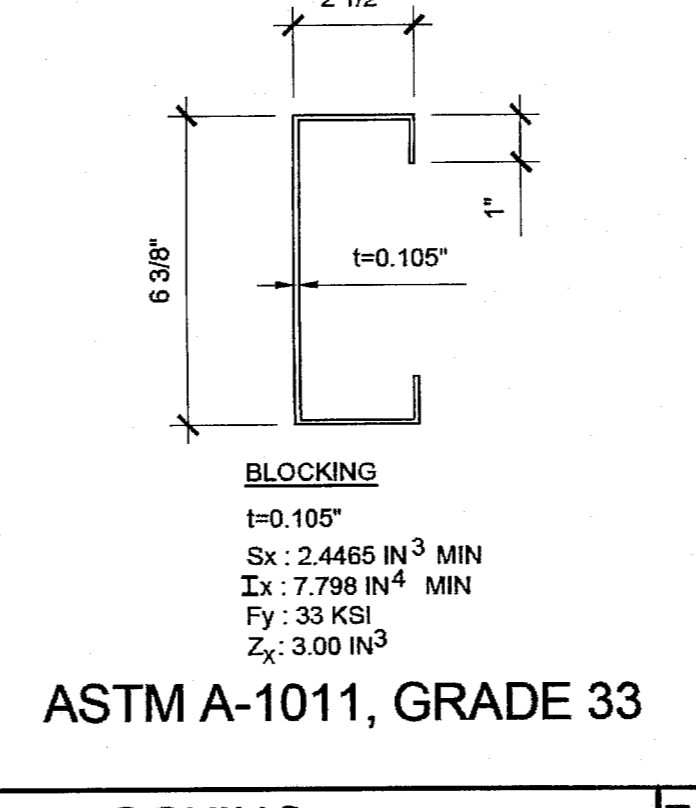
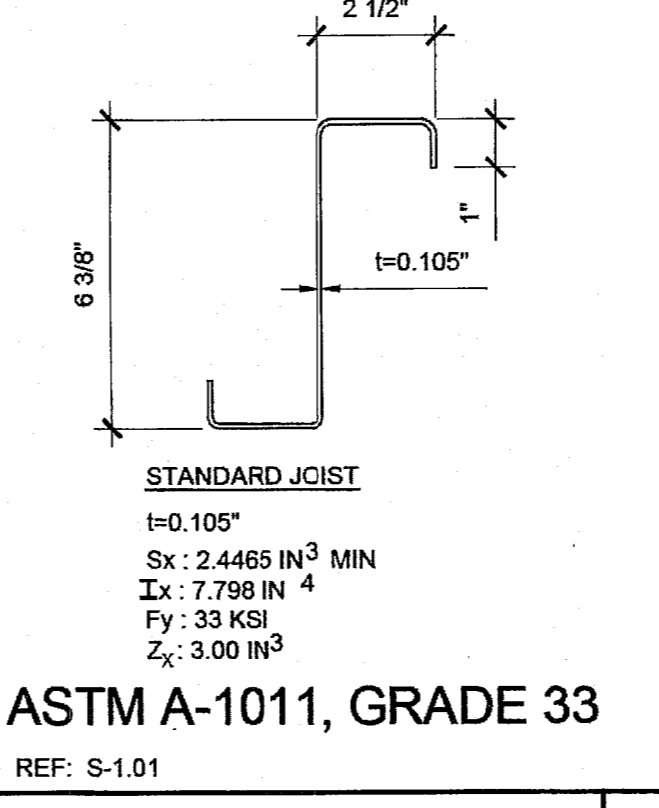
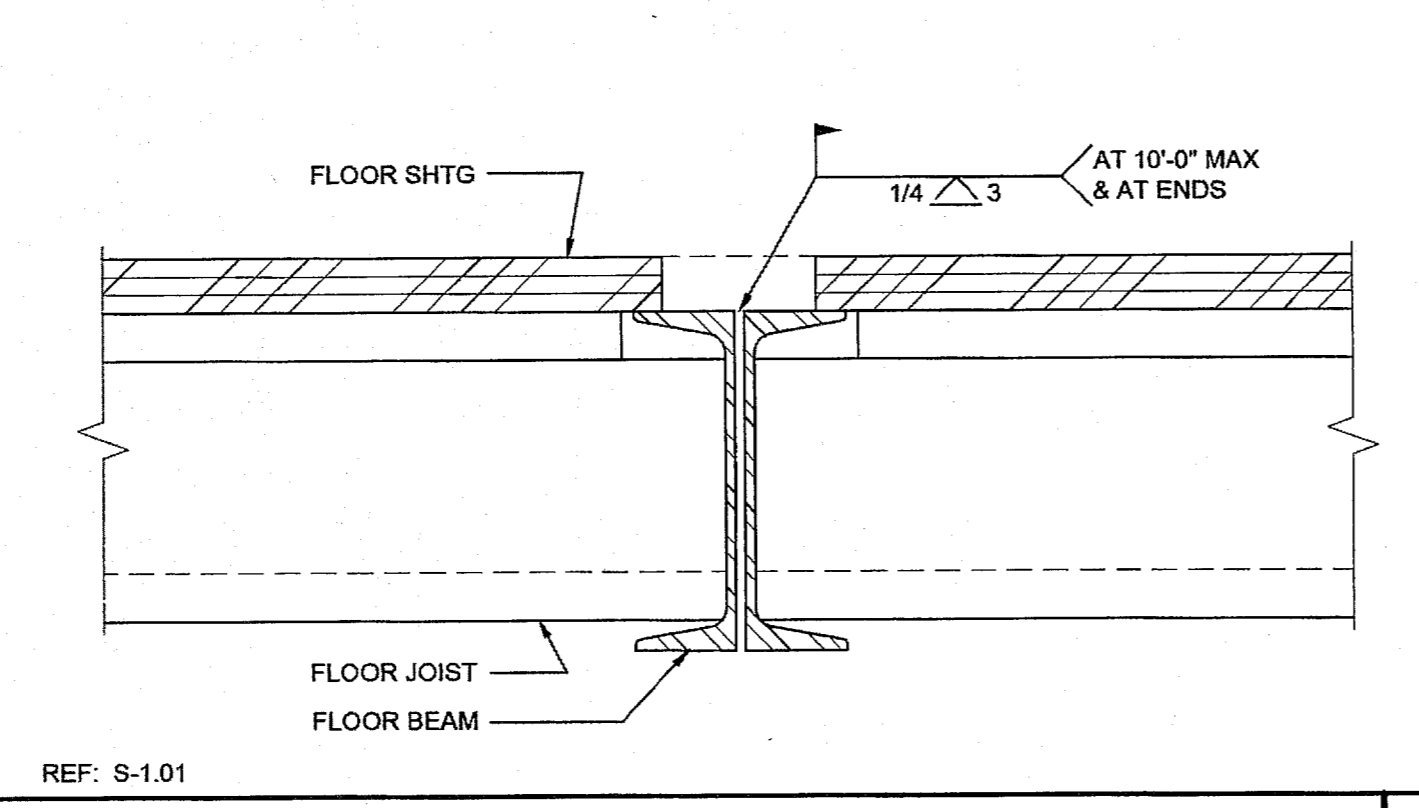
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
S-1.50



16 MODULE LINE - BOLTED CONNECTION SCALE: 3"=1'-0" 11

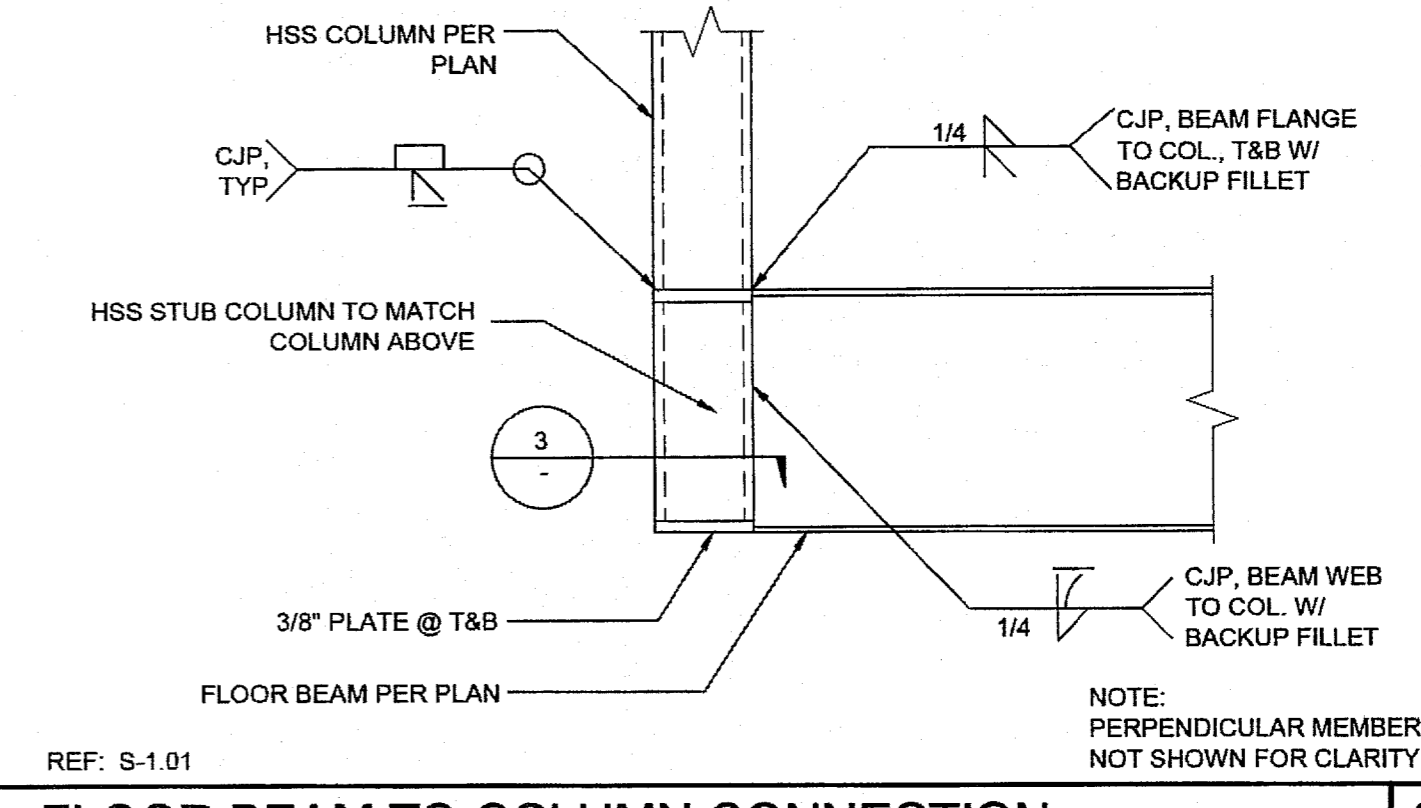
6 SHIPPING HOLD DOWN DETAIL SCALE: 3"=1'-0" 6



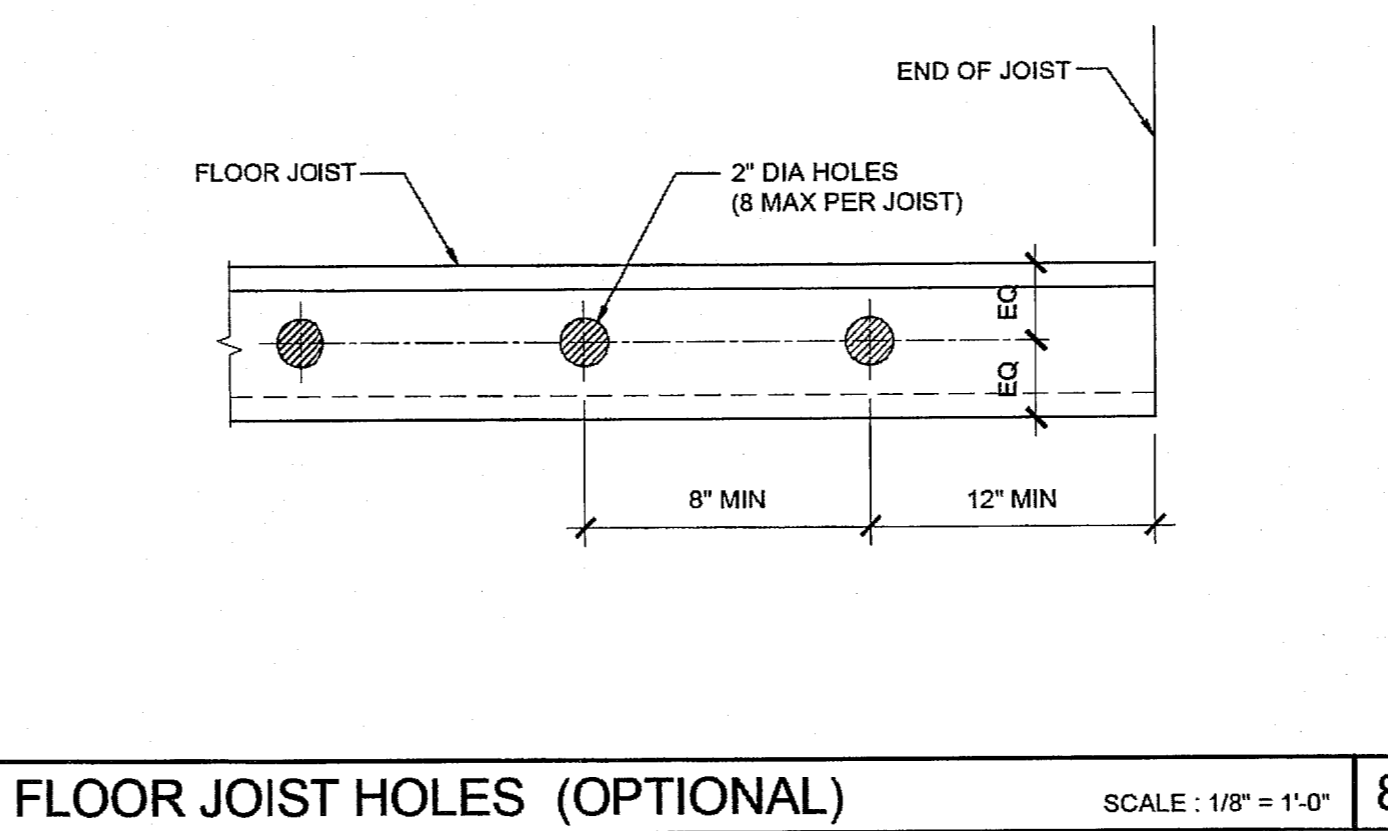
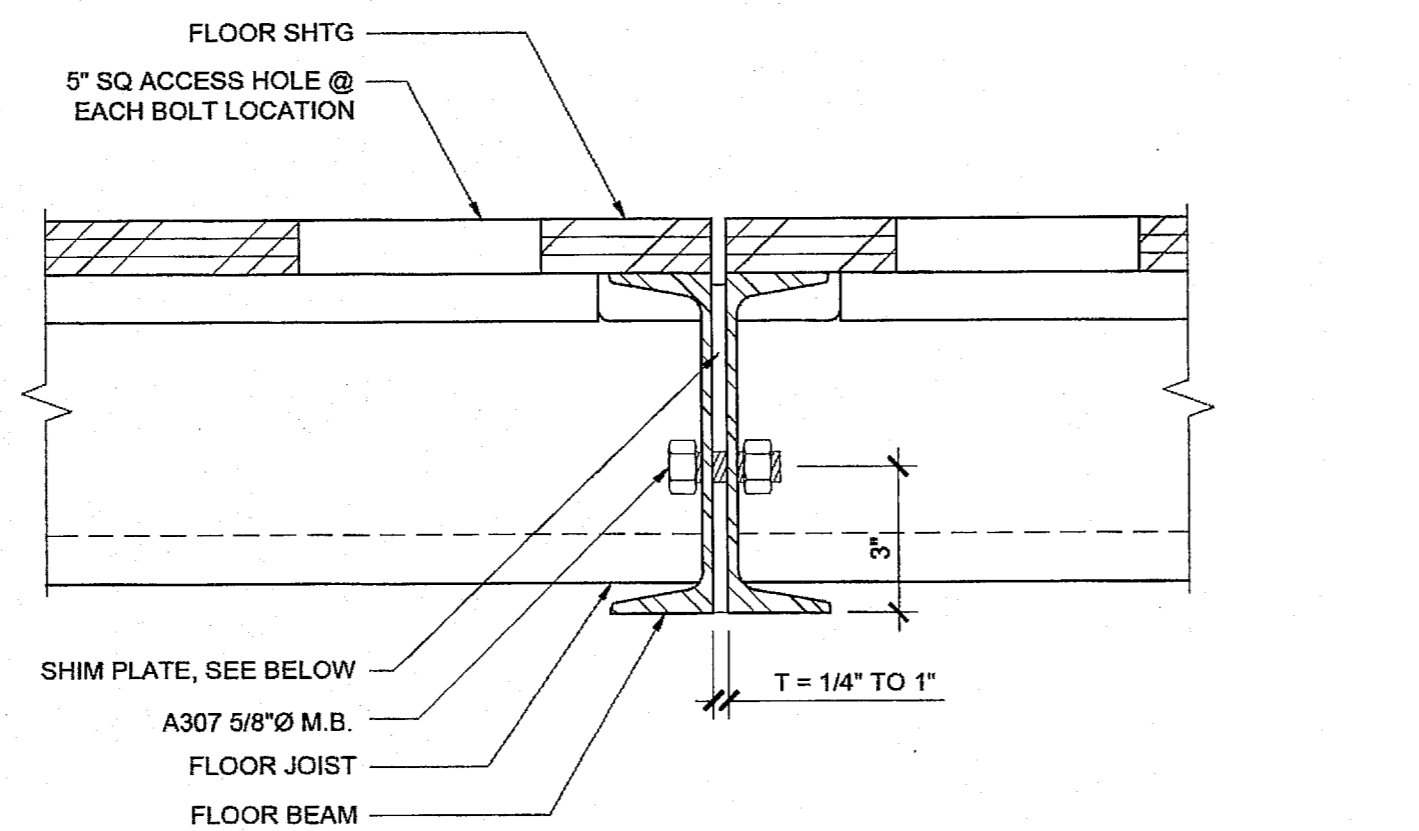
17 MODULE LINE CONNECTION (OPTION 1) SCALE: 3"=1'-0" 12

7B FLOOR JOIST SCALE: 3"=1'-0" 7B

7A BLOCKING SCALE: 3"=1'-0" 7A

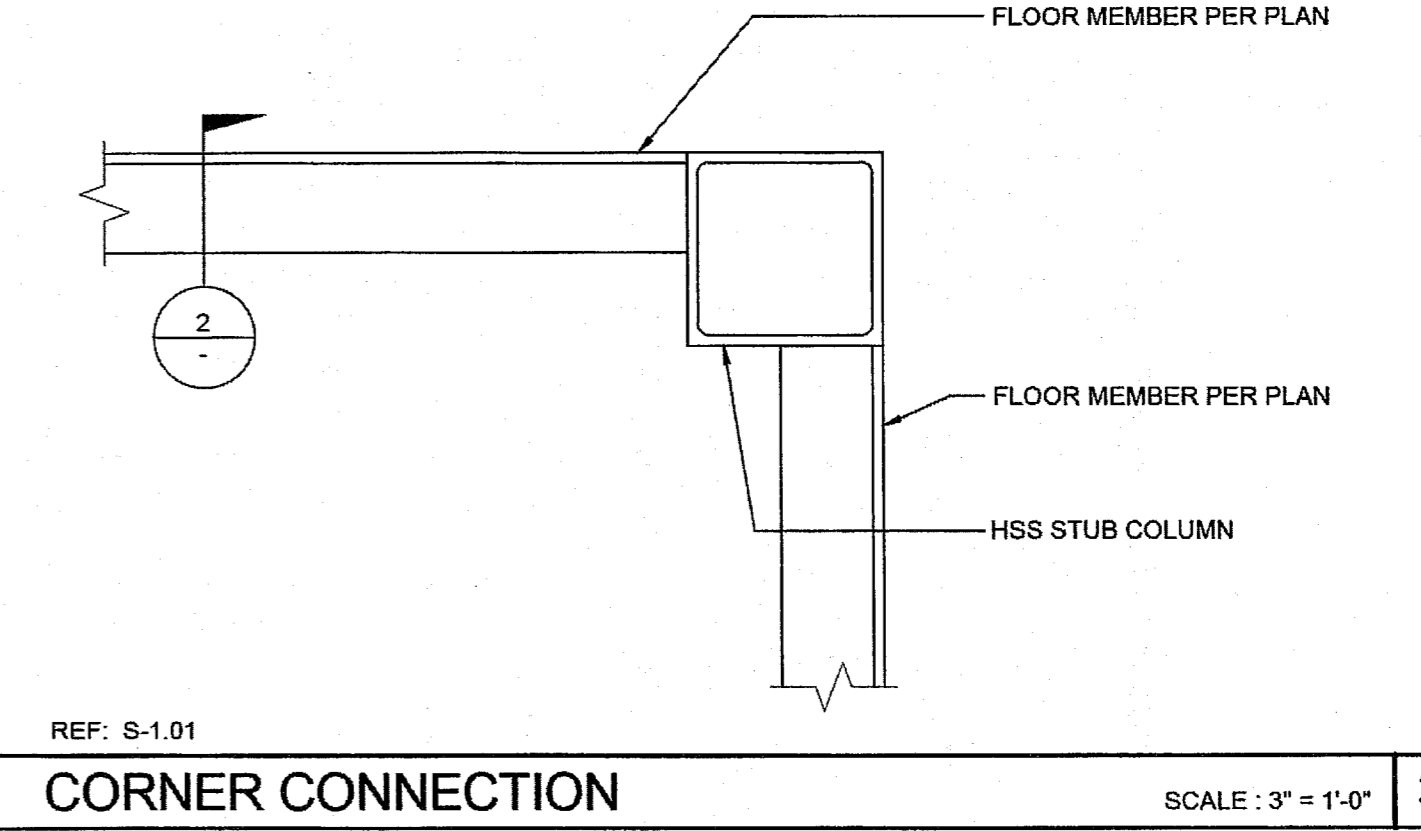


2 FLOOR BEAM TO COLUMN CONNECTION SCALE: 1/2"=1'-0" 2

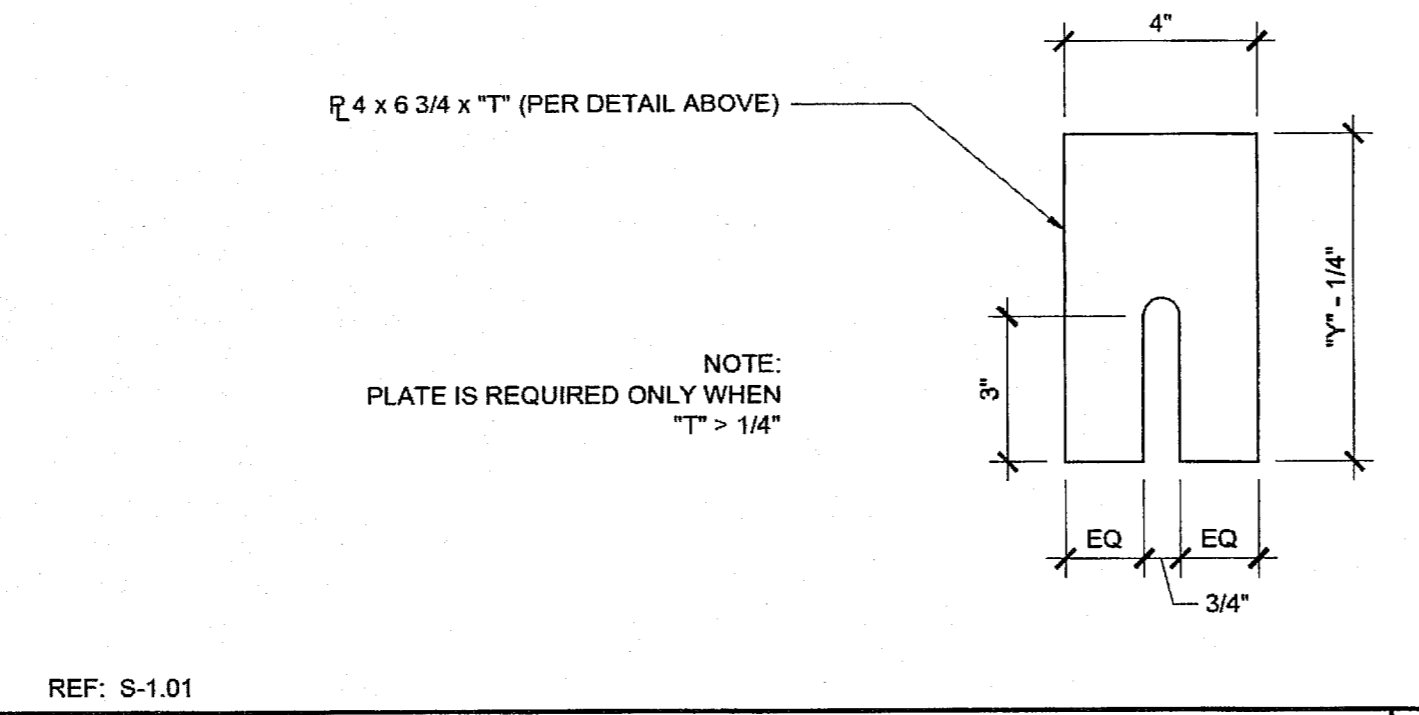


18 MODULE LINE CONNECTION (OPTION 2) SCALE: 3"=1'-0" 14

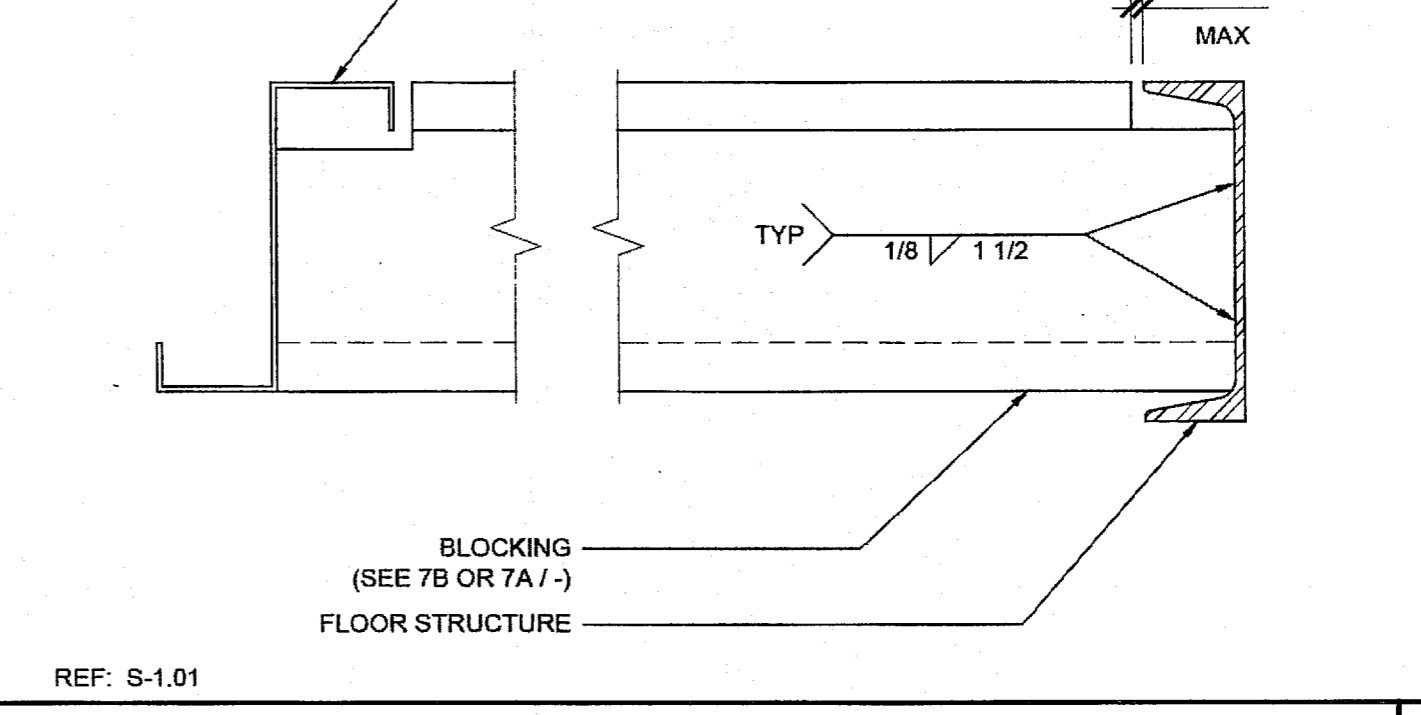
8 FLOOR JOIST HOLES (OPTIONAL) SCALE: 1/8"=1'-0" 8



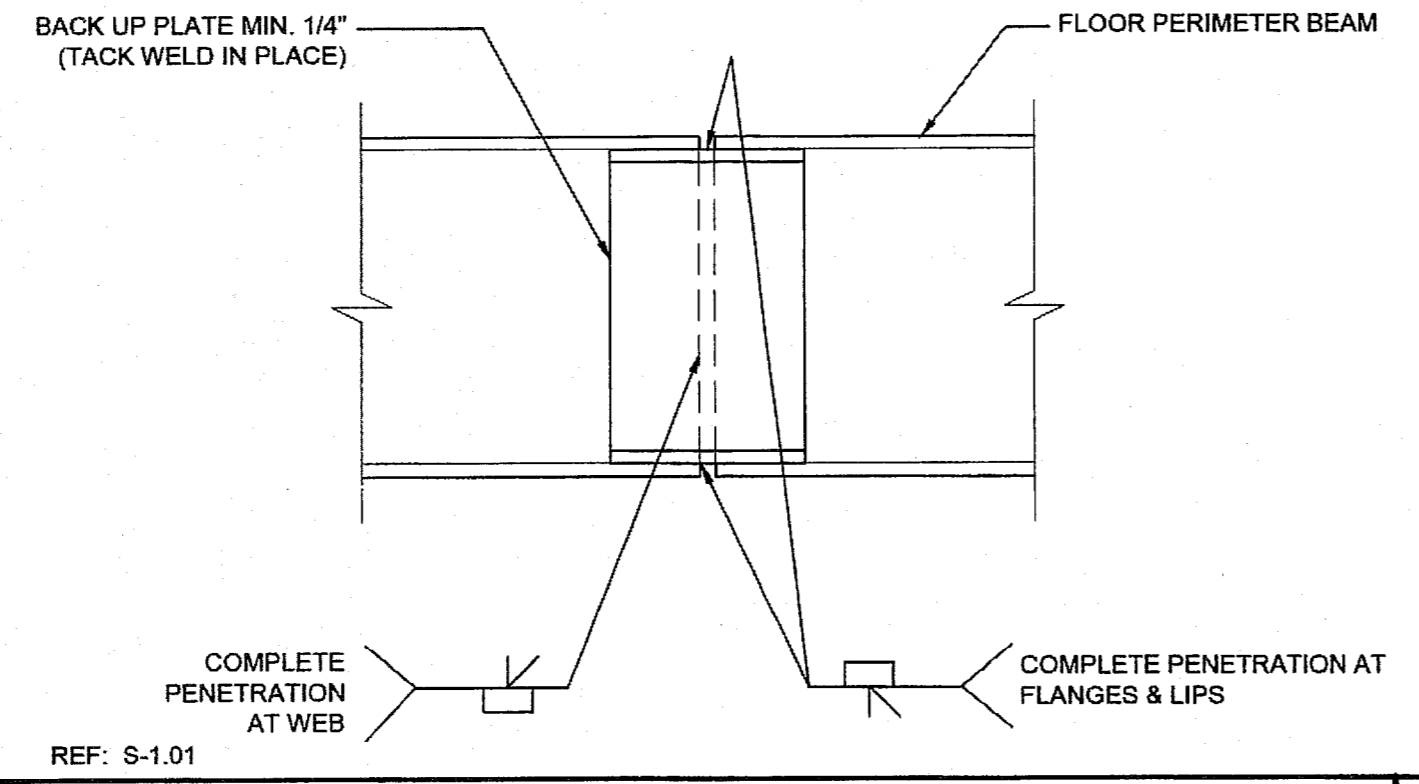
3 CORNER CONNECTION SCALE: 3"=1'-0" 3



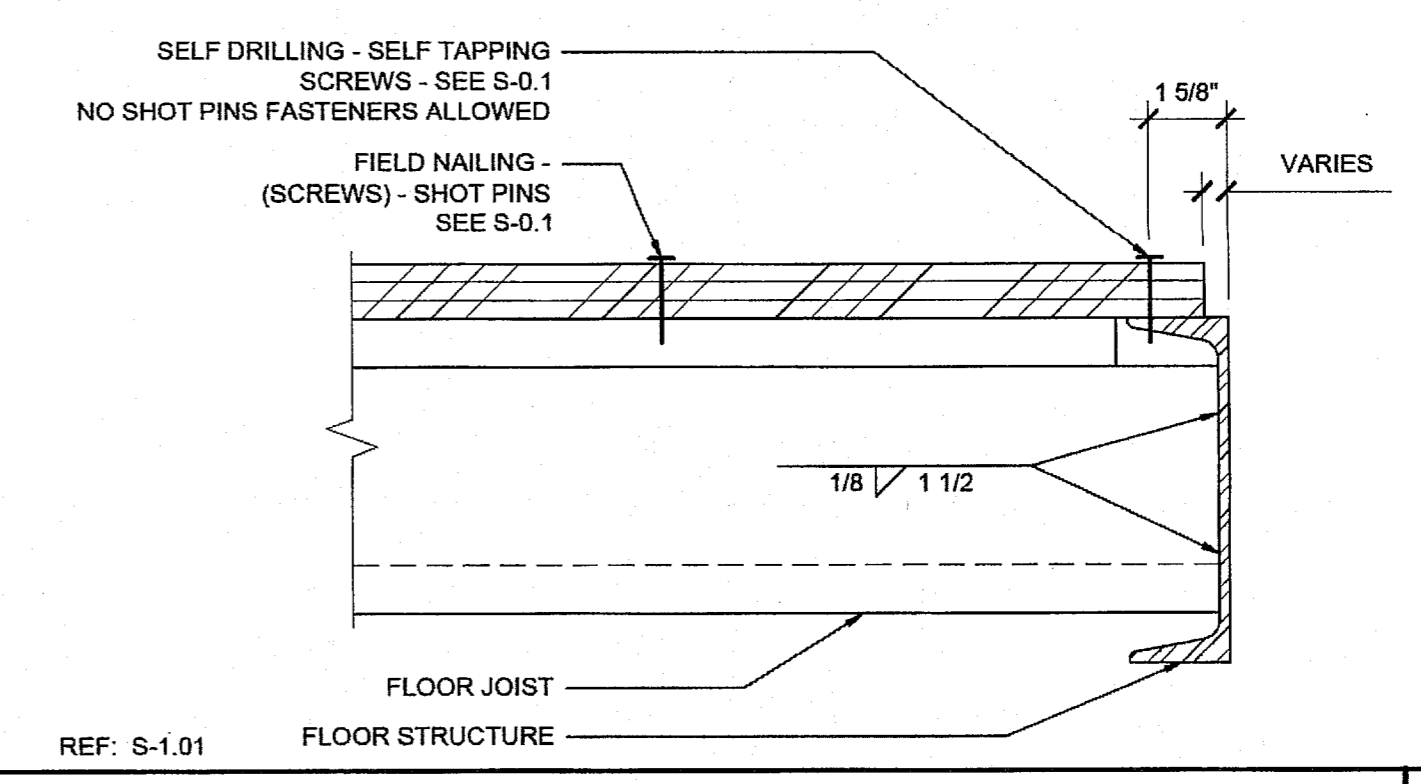
19 MODULE LINE CONNECTION (OPTION 2) SCALE: 3"=1'-0" 14



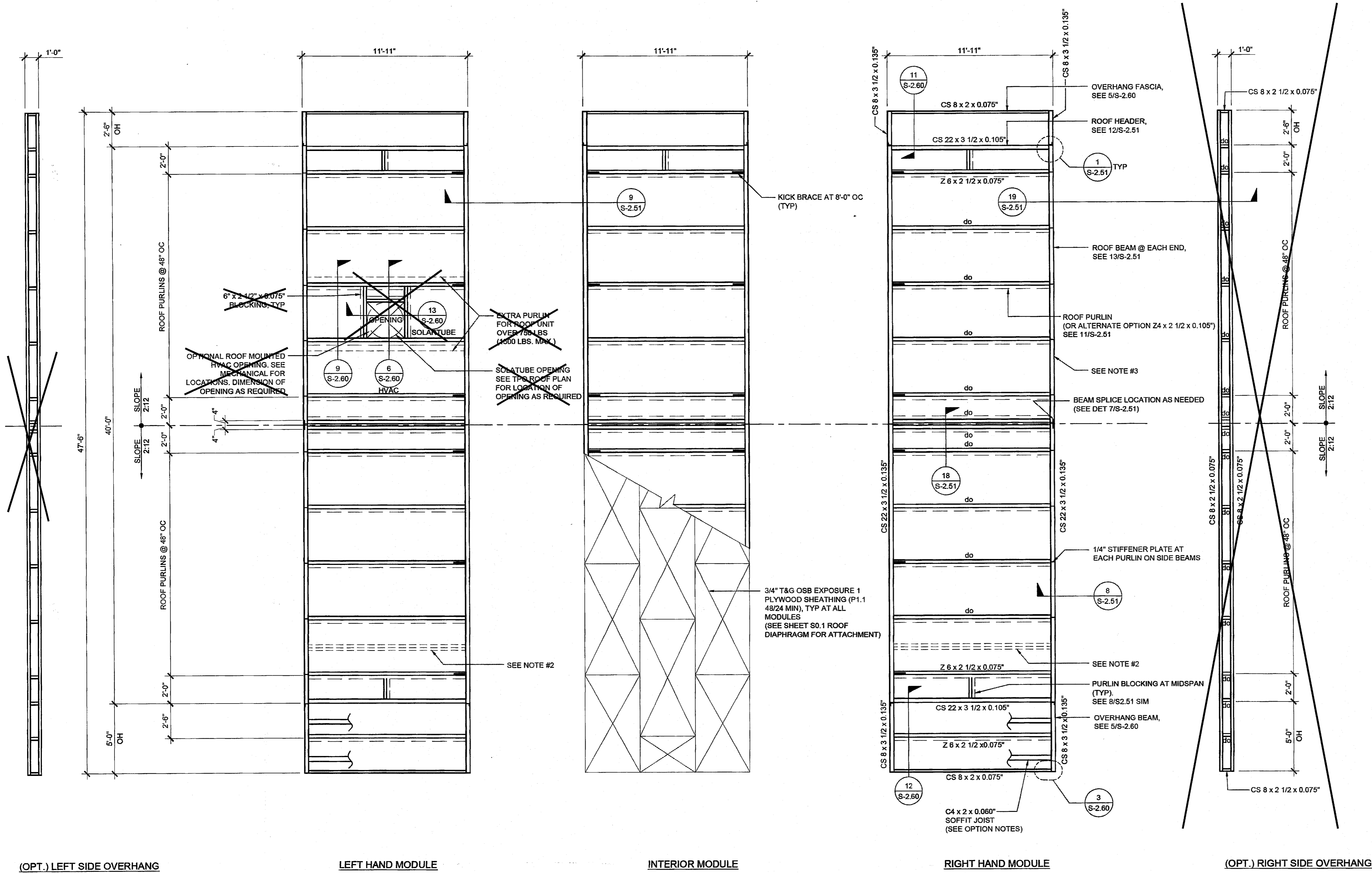
4 BLOCKING TO END BEAM SCALE: 3"=1'-0" 4



20 FLOOR BEAM SPLICE SCALE: 3"=1'-0" 15



10 JOIST TO SIDE BEAM SCALE: 3"=1'-0" 5



(OPT.) LEFT SIDE OVERHANG

LEFT HAND MODULE

INTERIOR MODULE

RIGHT HAND MODULE

(OPT.) RIGHT SIDE OVERHANG

NOTES

- FOR WALL MOUNTED HVAC UNIT, PROVIDE OPENING THROUGH REAR ROOF HEADER WHERE IT OCCURS. SEE FLOOR PLAN FOR HVAC LOCATION. SEE 5, 15 /S-2.51 FOR DETAILS.
- OPTIONAL PURLIN FOR FIRE SPRINKLER LINE AS NEEDED. LOCATION OF FIRE SPRINKLER PURLIN TO BE DETERMINED BY SITE SPECIFIC APPLICATION. SEE FLOOR PLAN WHERE IT OCCURS. NO STIFFENER PLATE OR ANGLE BRACE REQUIRED AT THIS LOCATION. FOR SPRINKLER LINE SIDE BEAM PENETRATION, SEE 14/S2.51
- FOR OPTIONAL SIDE BEAM OPENING, SEE 10,15 /S2.51 FOR DETAILS

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 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
**ROOF FRAMING PLAN
 0.018" DECK, B.U.R. OR TPO
 20 PSF**

STAVARES ASSOCIATES

REGISTERED ARCHITECT
 STATE OF CALIFORNIA
 C-33487
 REN 01-31-2017

REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 No. S3380
 STRUCTURAL
 06/15/15

OPTIONS

- SOFFIT**
- PLYWOOD SOFFIT, PURLINS @ 24" OC
 - PLASTER SOFFIT, PURLINS @ 16" OC
- SIDE OVERHANG**
- OVERHANG REQD

ARCHITECT OF RECORD
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PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RPF
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

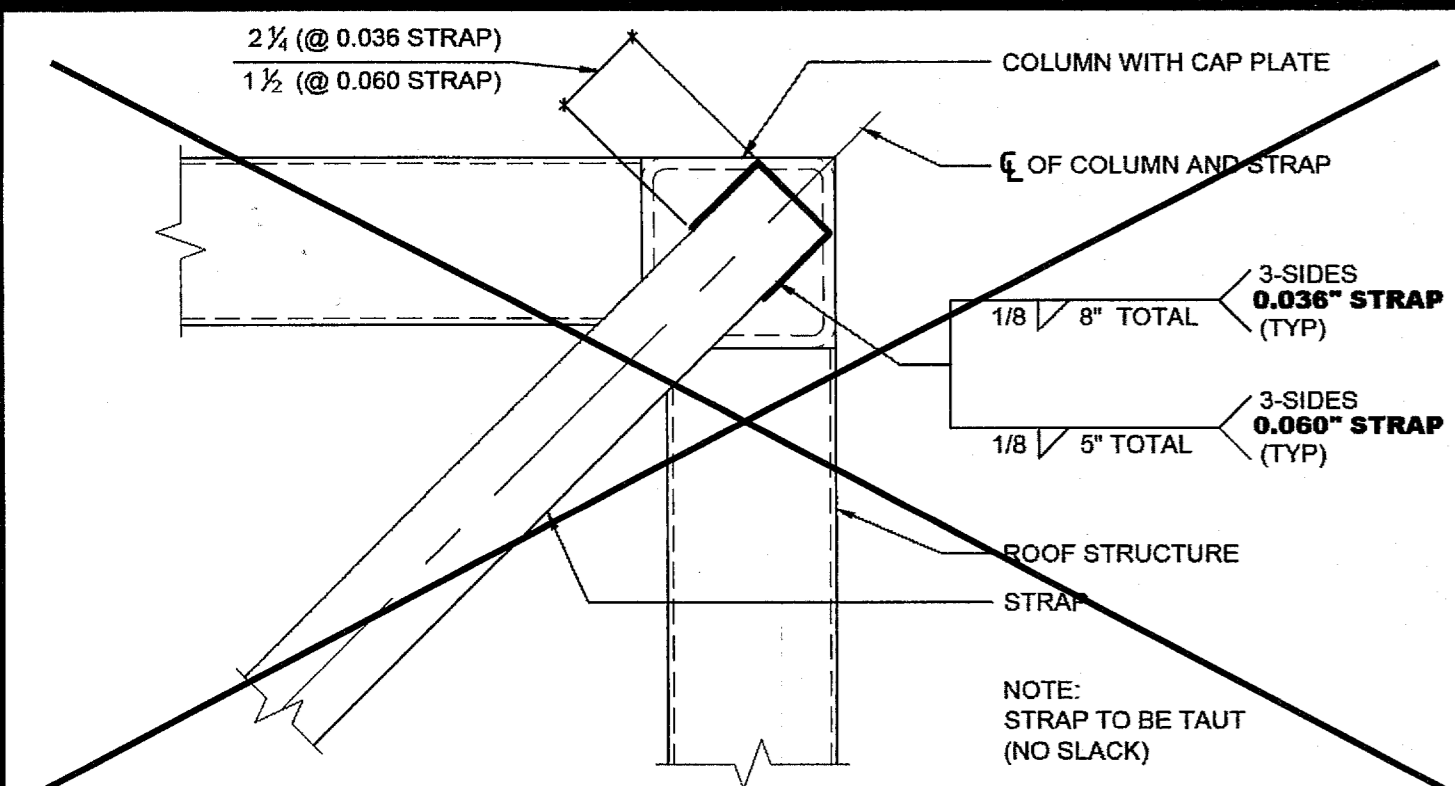
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REVISIONS

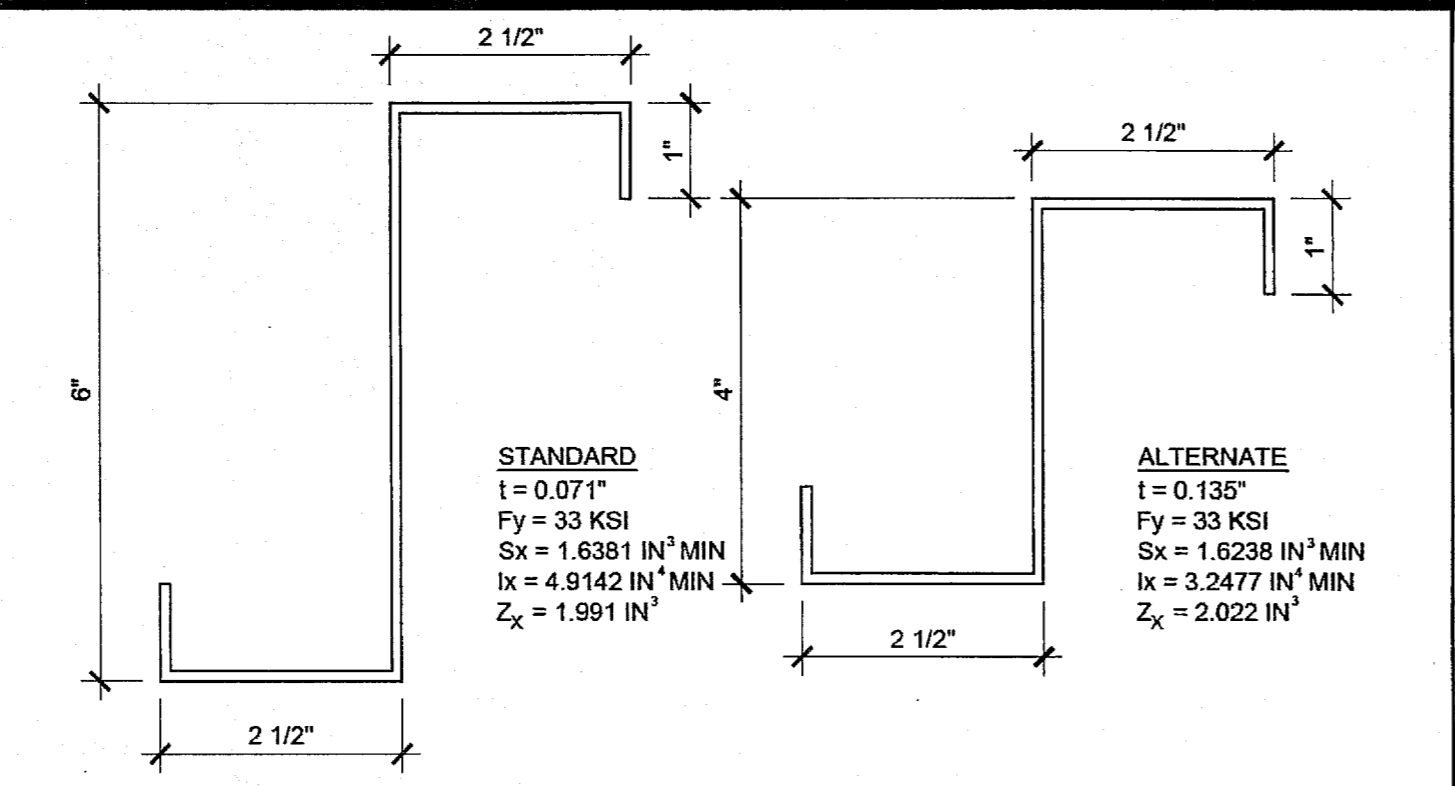
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
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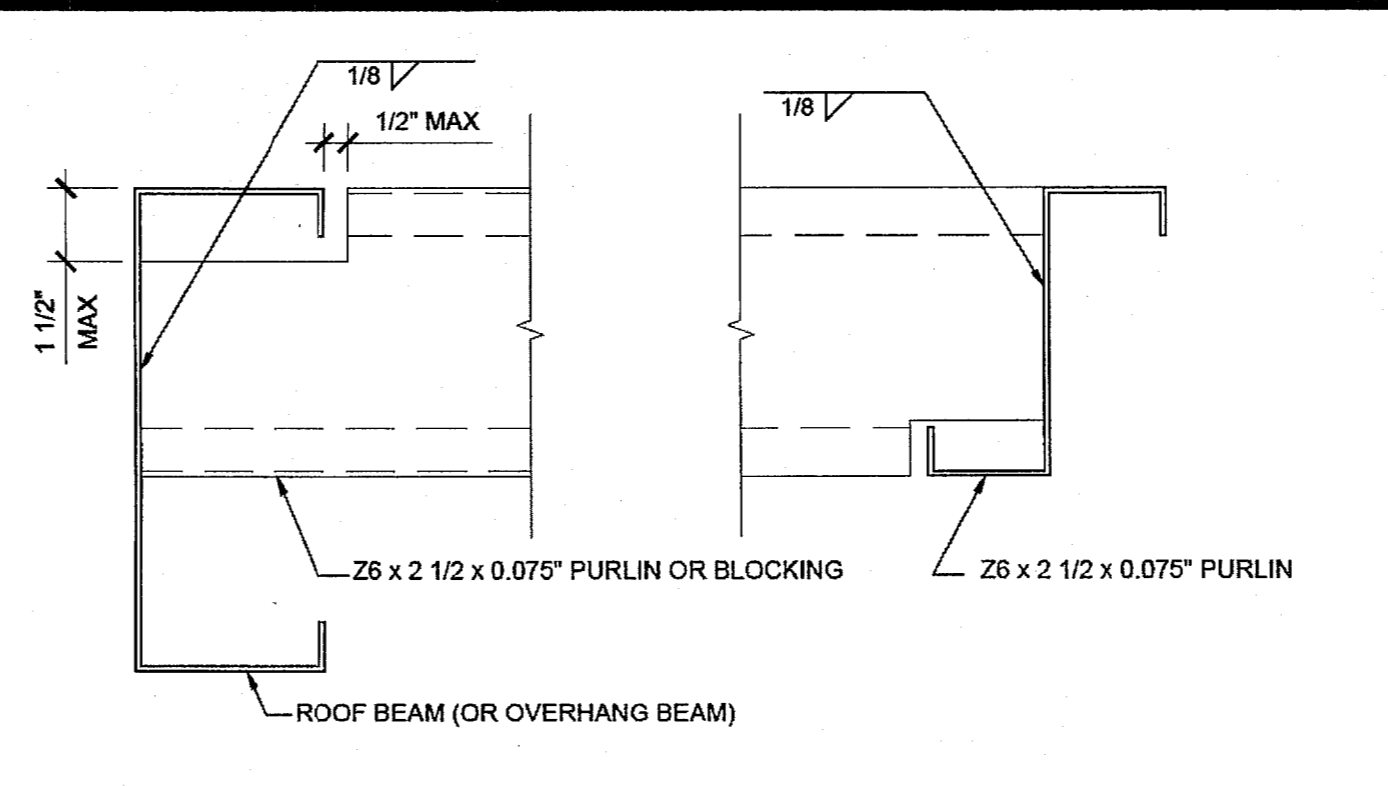
P.C. SHEET NUMBER
S-2.11



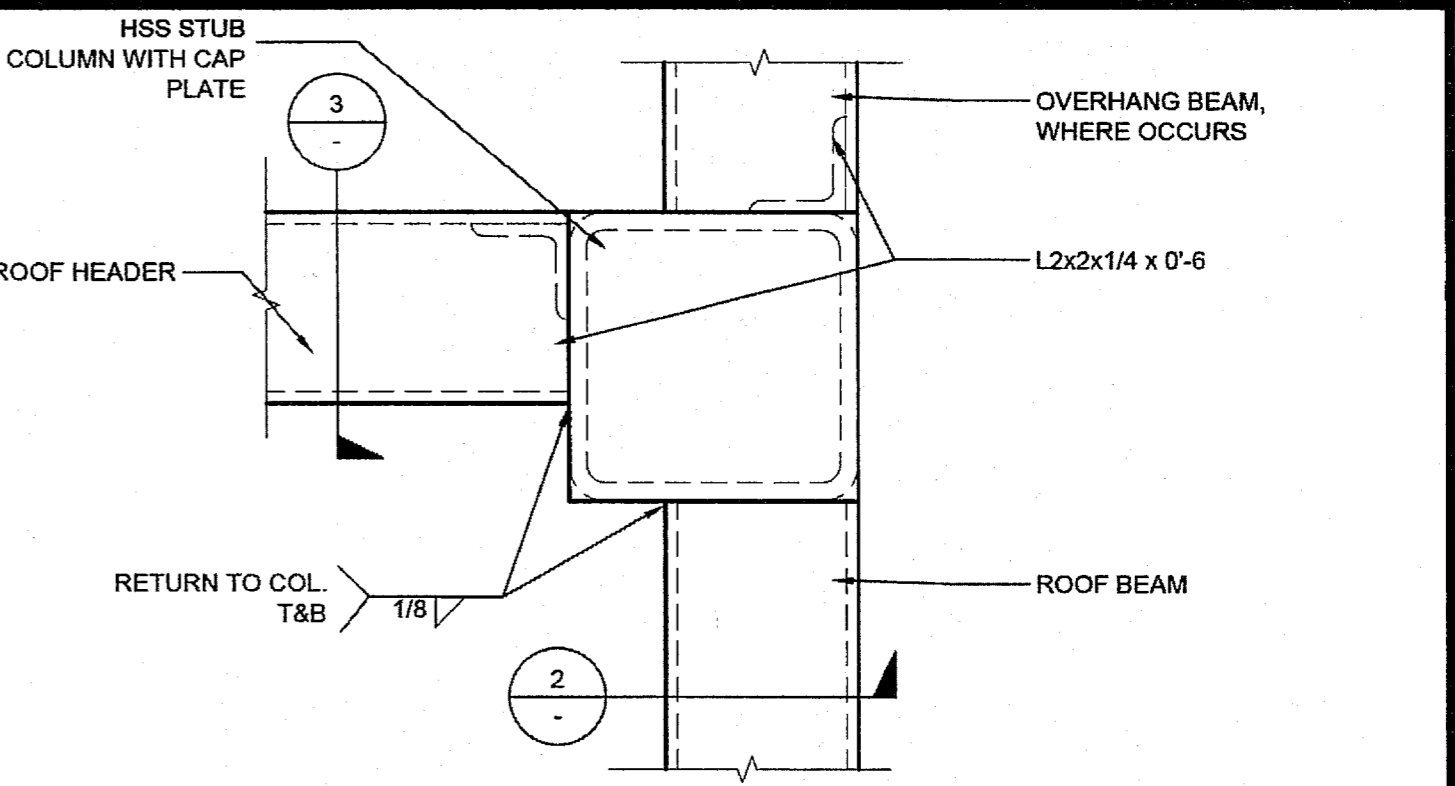
ROOF BRACING STRAP @ END WALL SCALE: 3\"/>



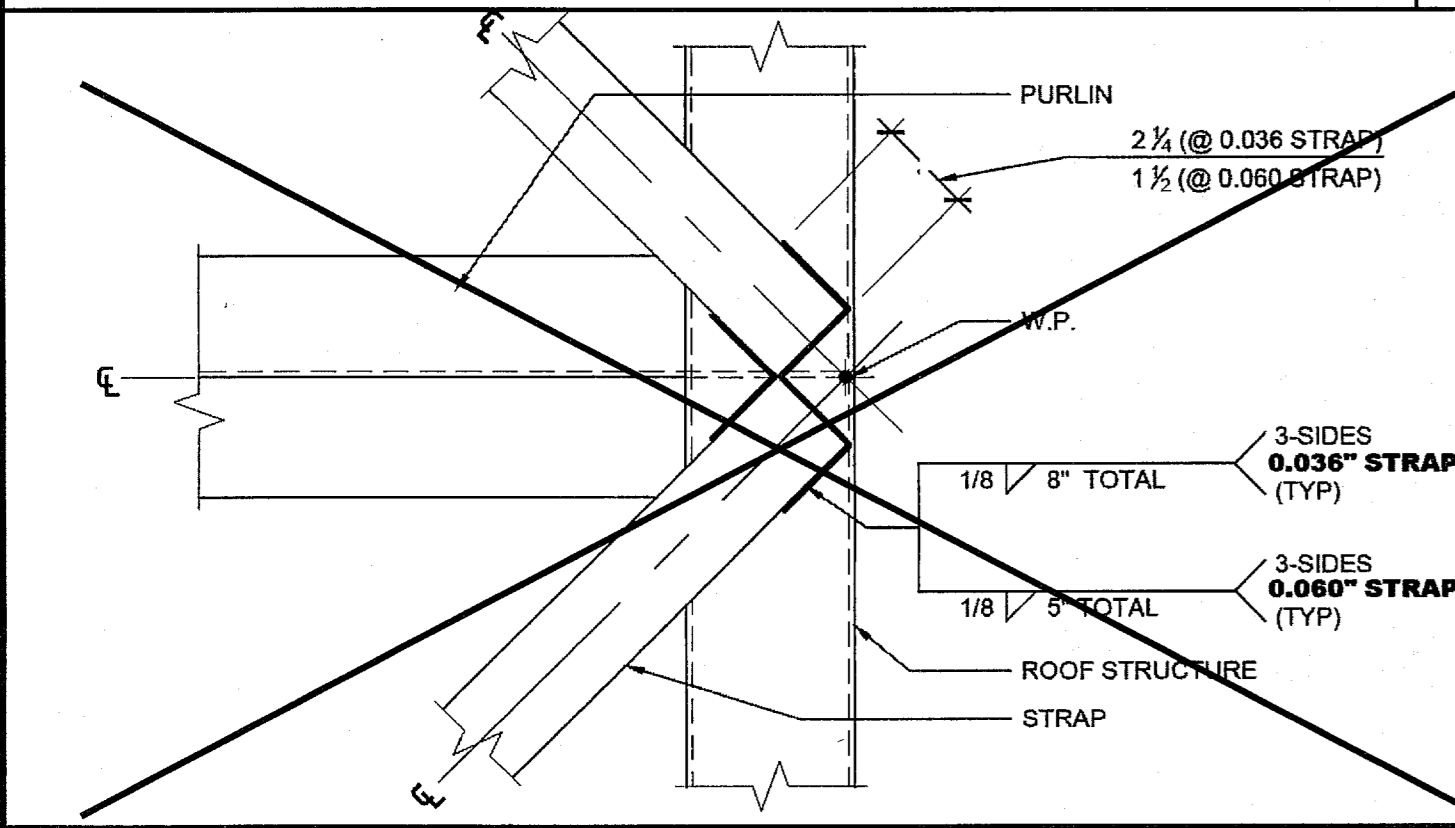
ROOF PURLIN SCALE: 6\"/>



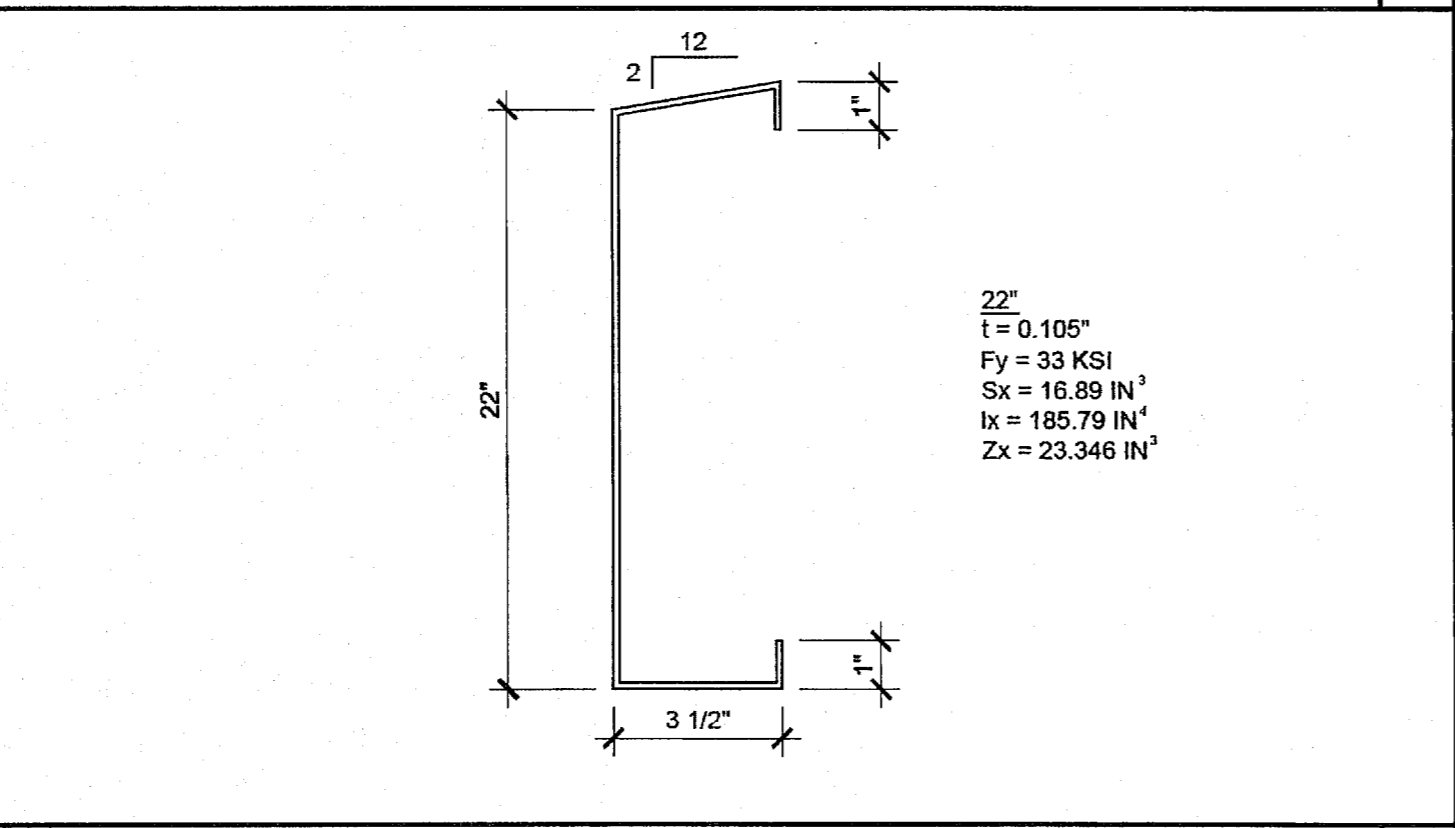
TYPICAL PURLIN CONNECTION DETAIL SCALE: 3\"/>



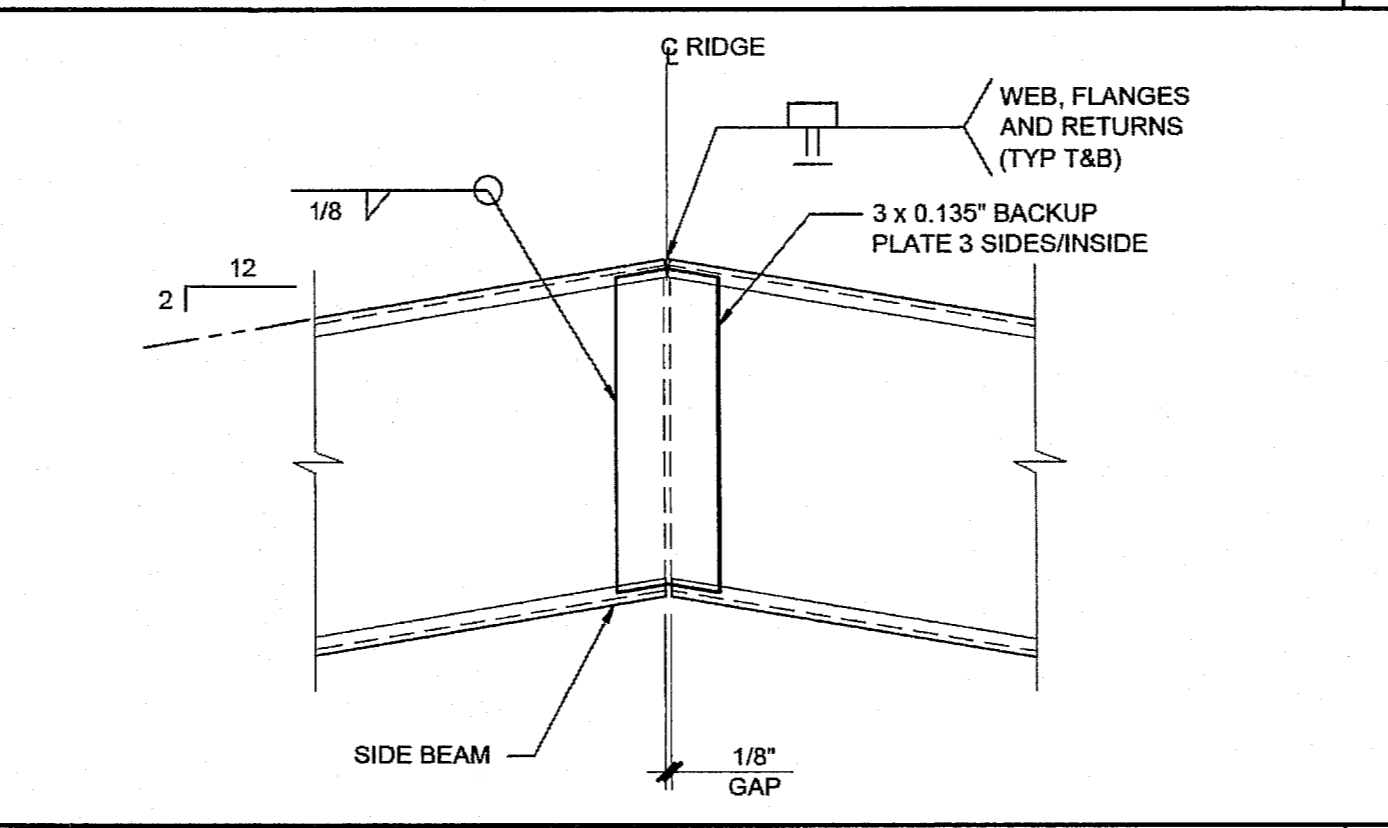
COLUMN AT ROOF - PLAN SCALE: 3\"/>



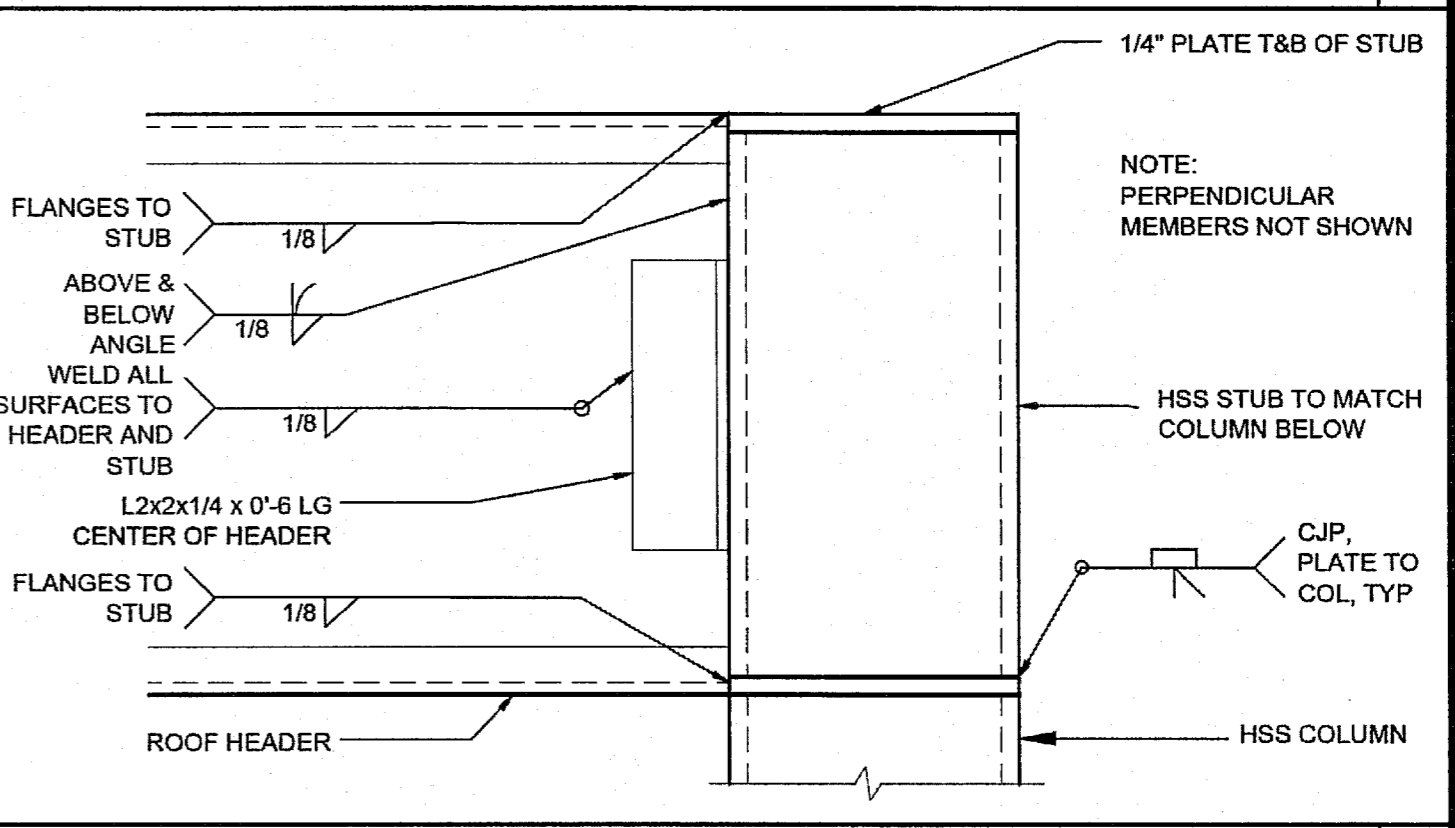
ROOF BRACING STRAP @ SIDE WALL SCALE: 3\"/>



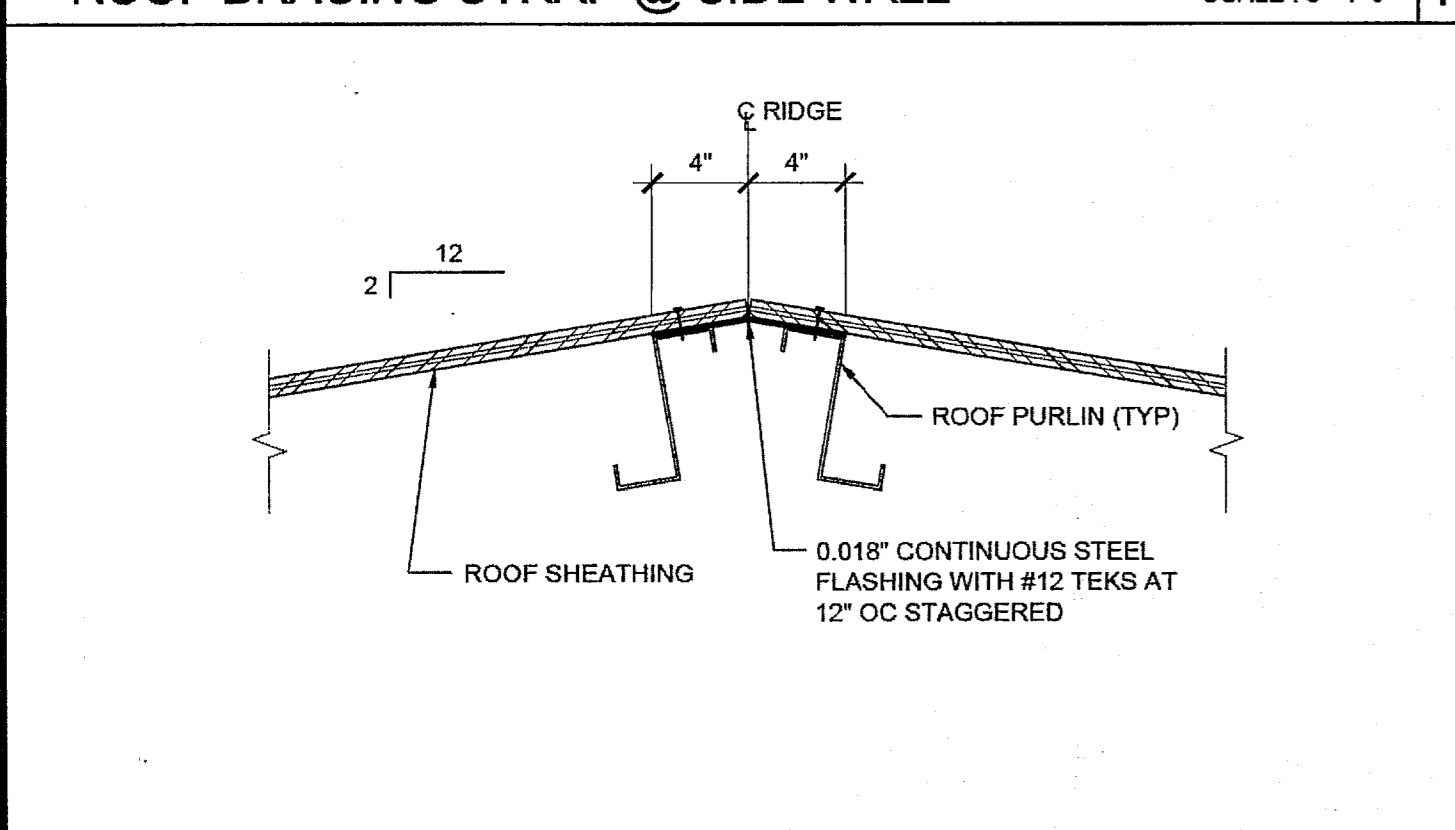
ROOF HEADER SCALE: NTS 12



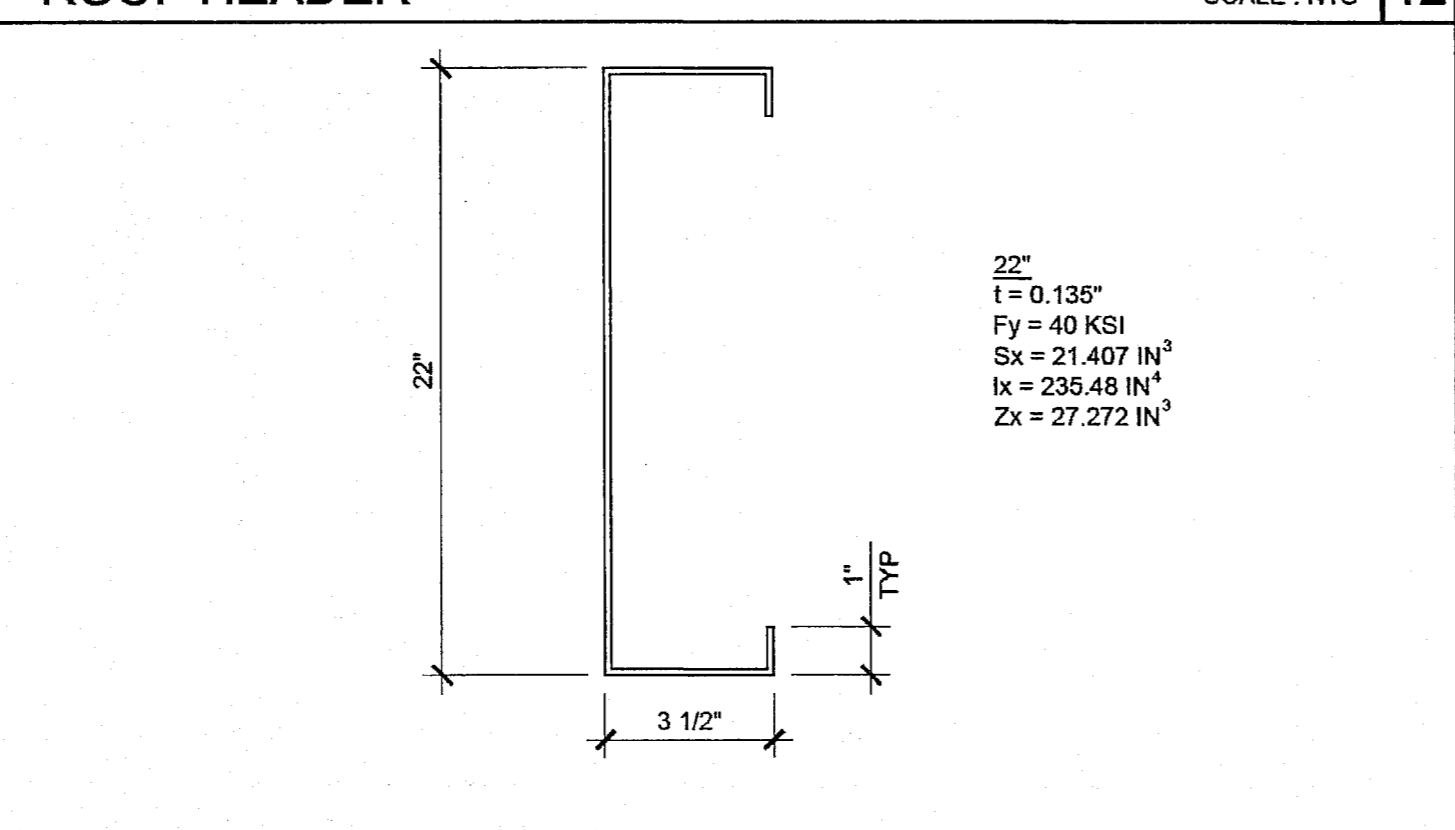
BEAM SPLICE SCALE: 3\"/>



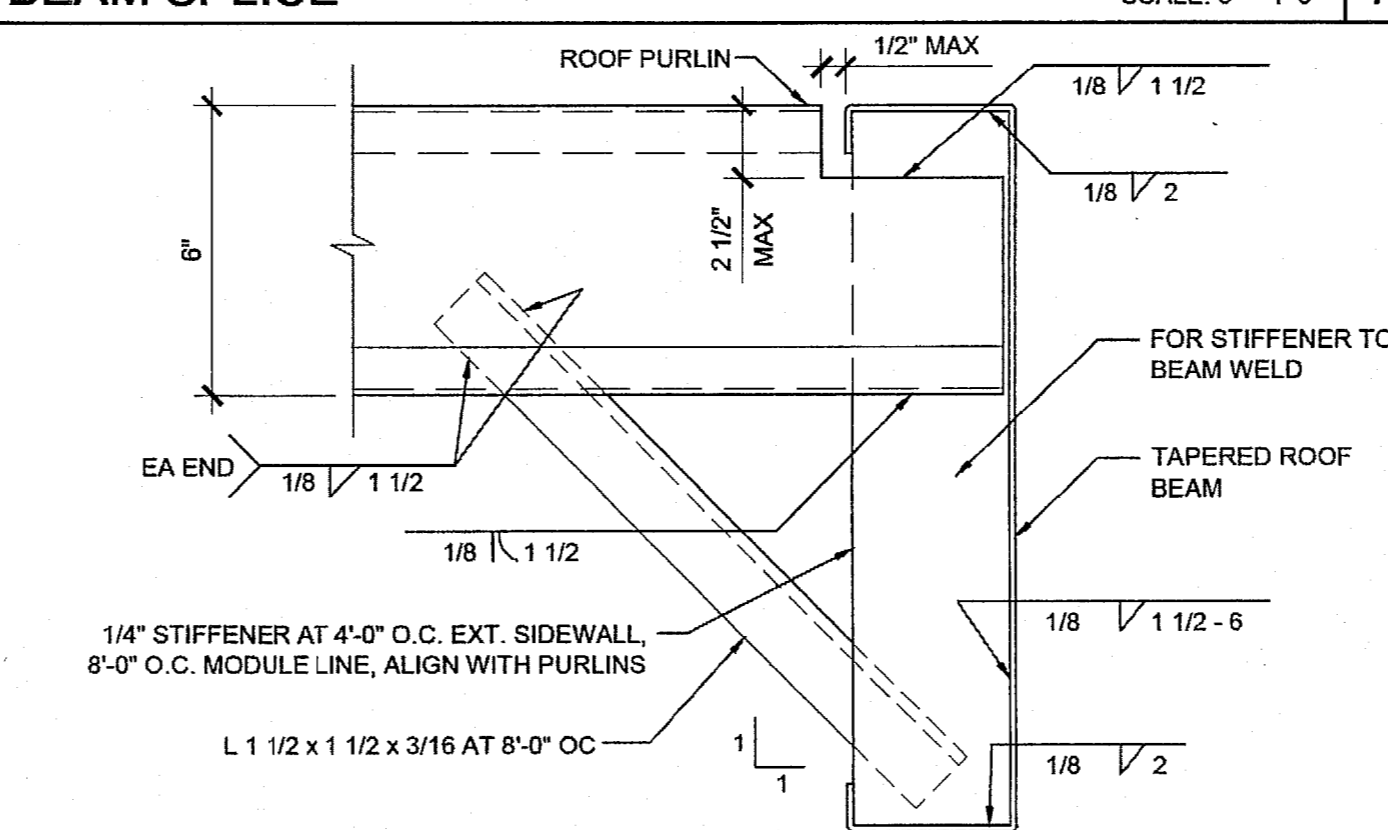
COLUMN AT ROOF - SECTION SCALE: 3\"/>



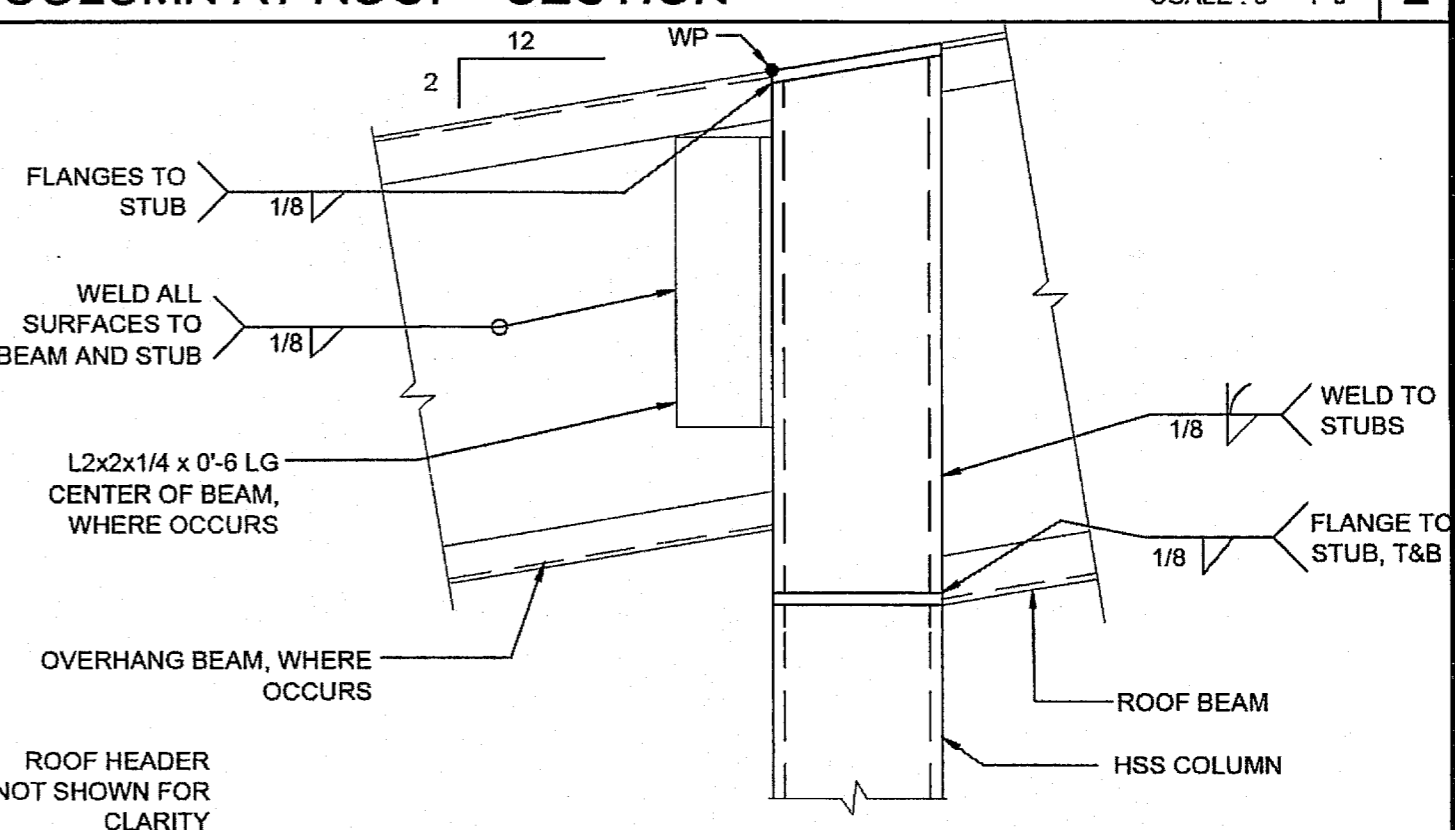
PURLINS AT RIDGE SCALE: 1 1/2\"/>



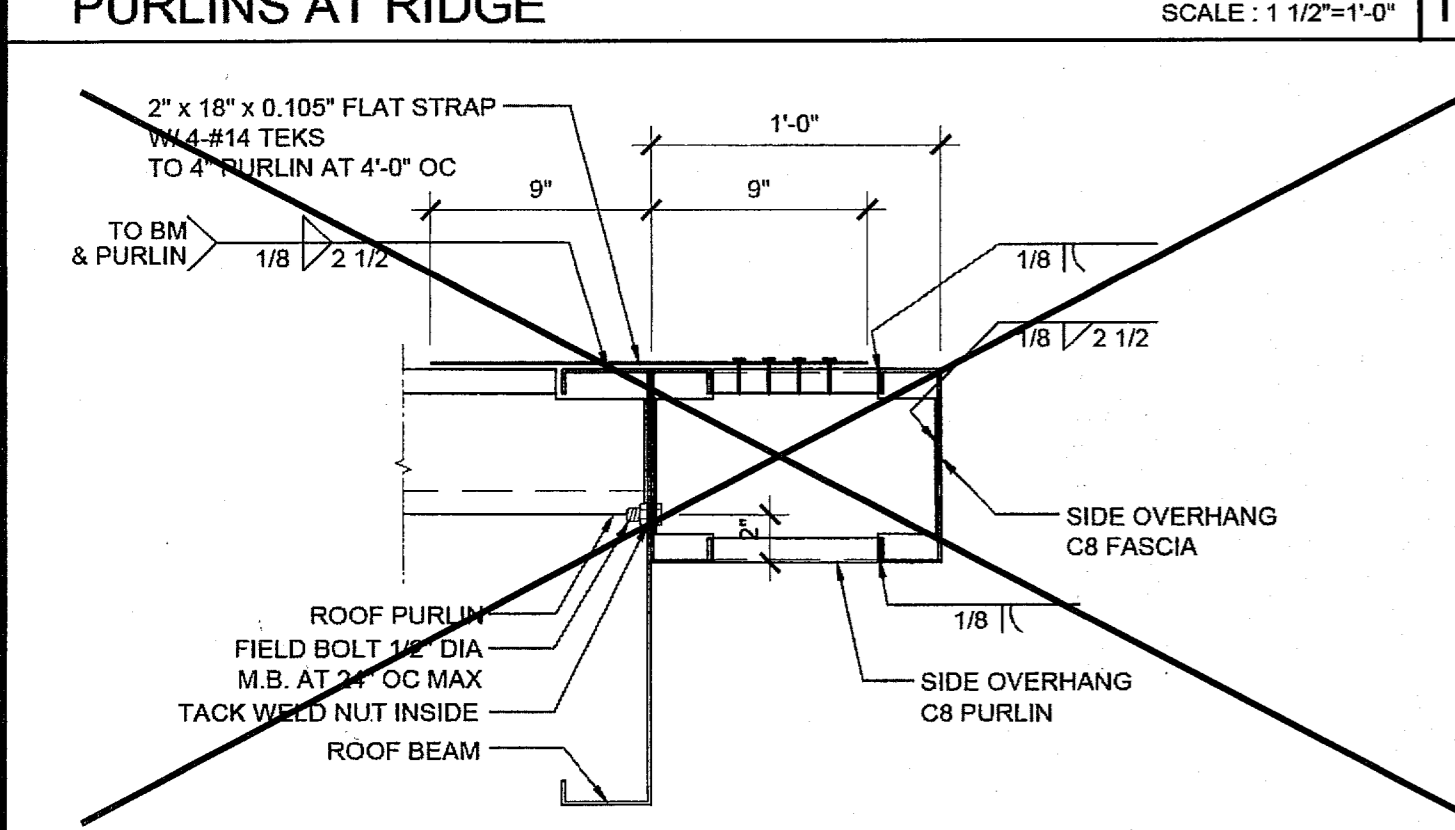
ROOF BEAM SCALE: NTS 13



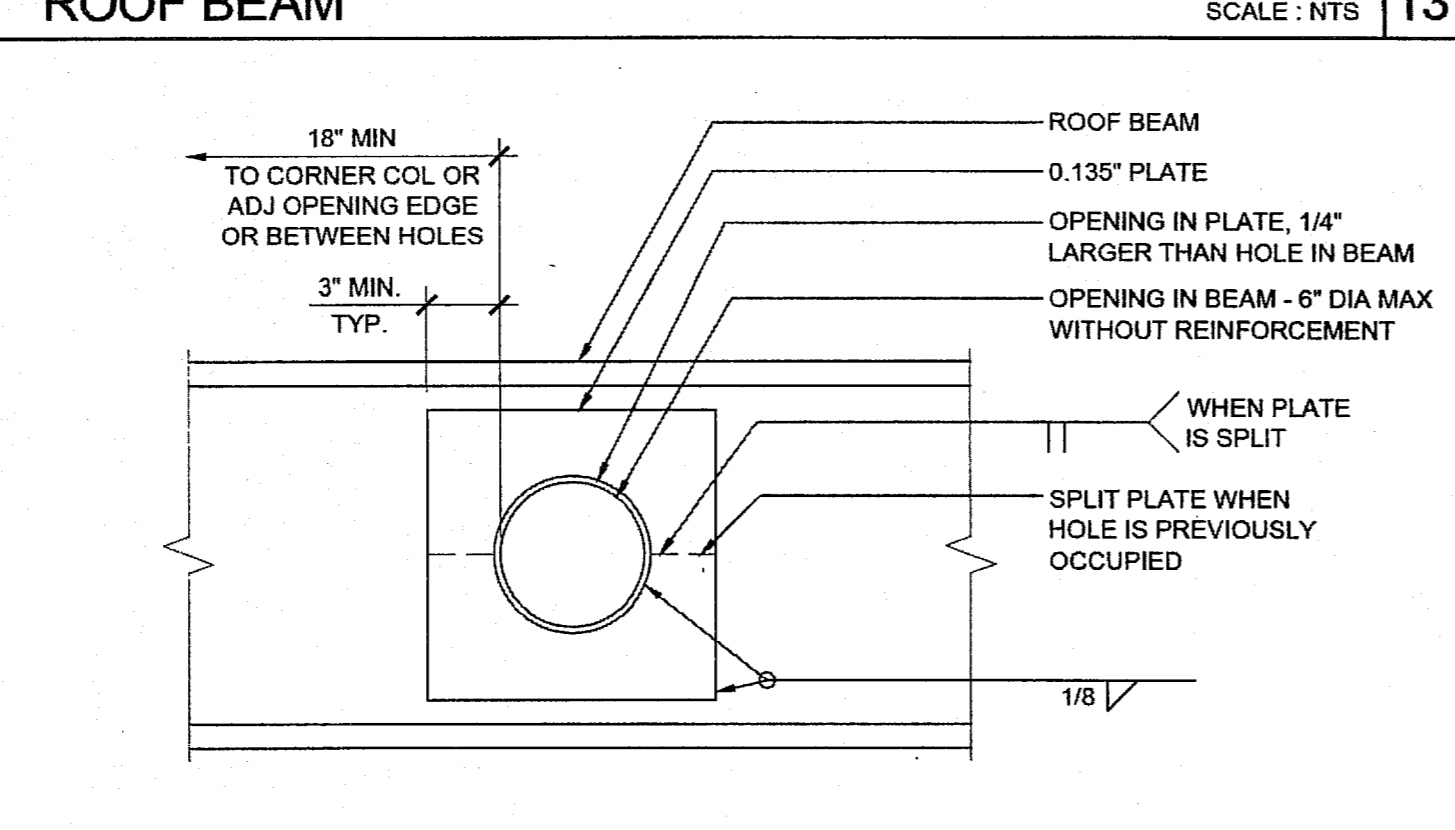
PURLIN TO ROOF BEAM @ STIFFENER SCALE: 3\"/>



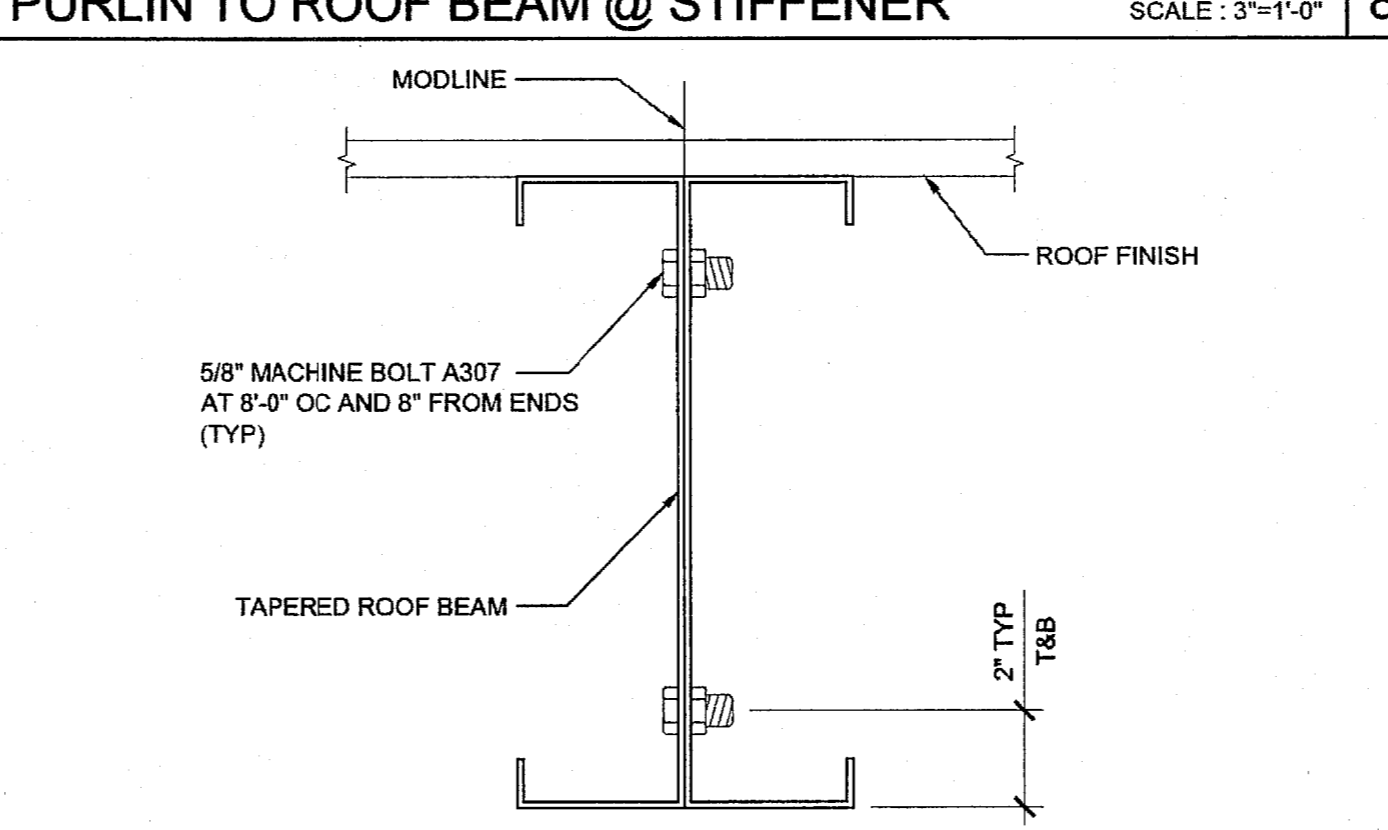
COLUMN AT ROOF OVERHANG SCALE: 3\"/>



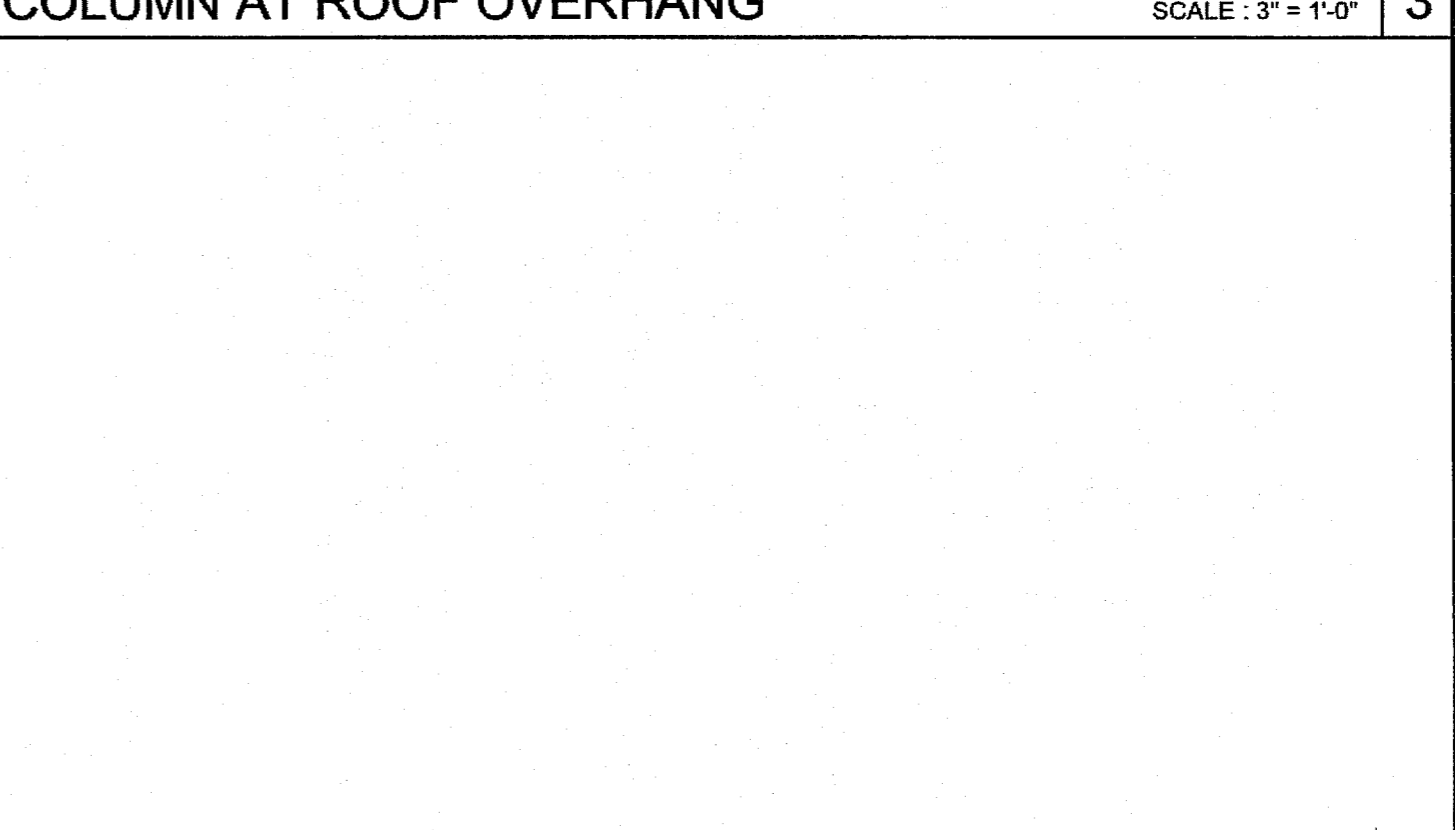
SIDE OVERHANG SCALE: 1 1/2\"/>



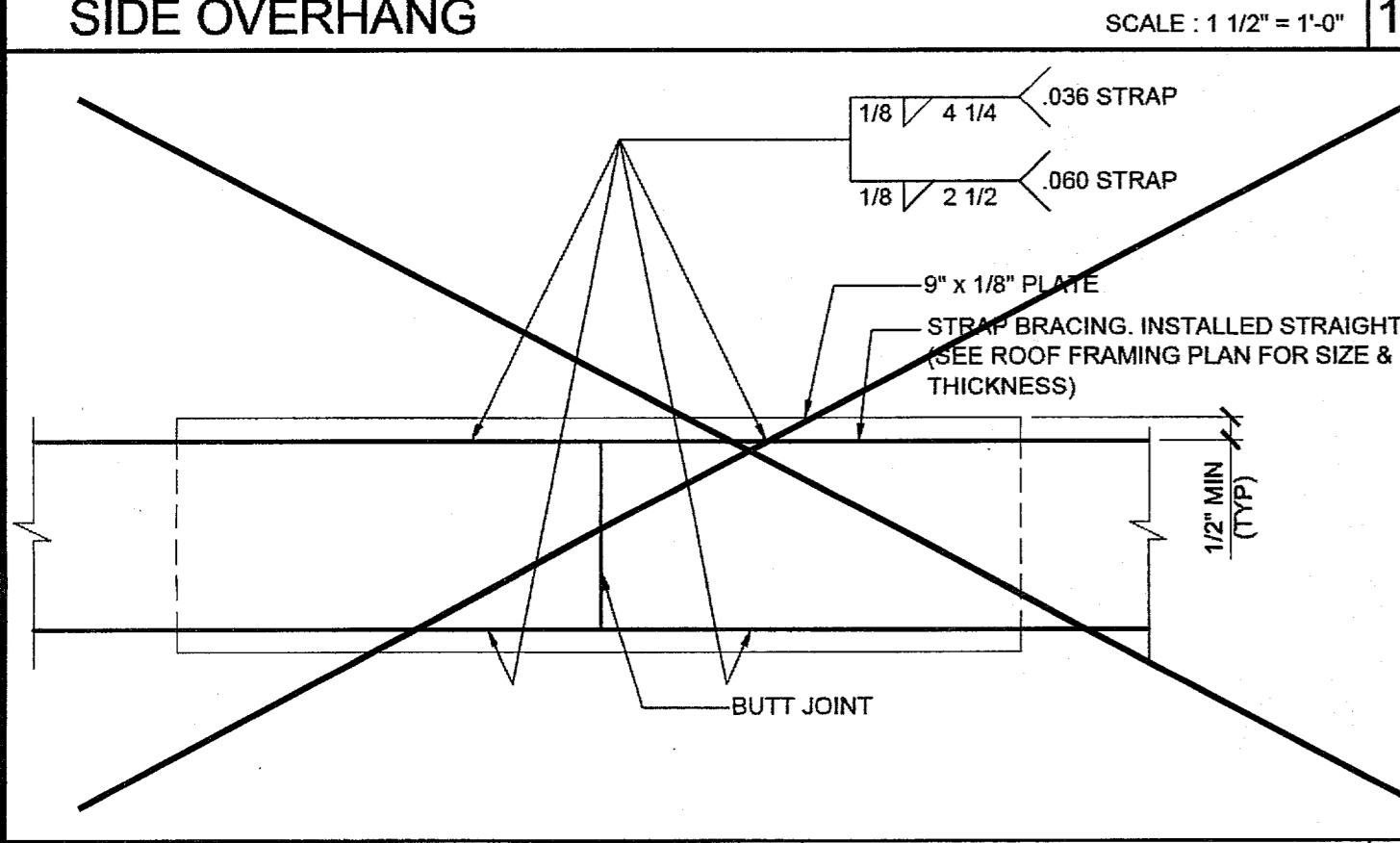
SIDEWALL BEAM PENETRATION SCALE: 1 1/2\"/>



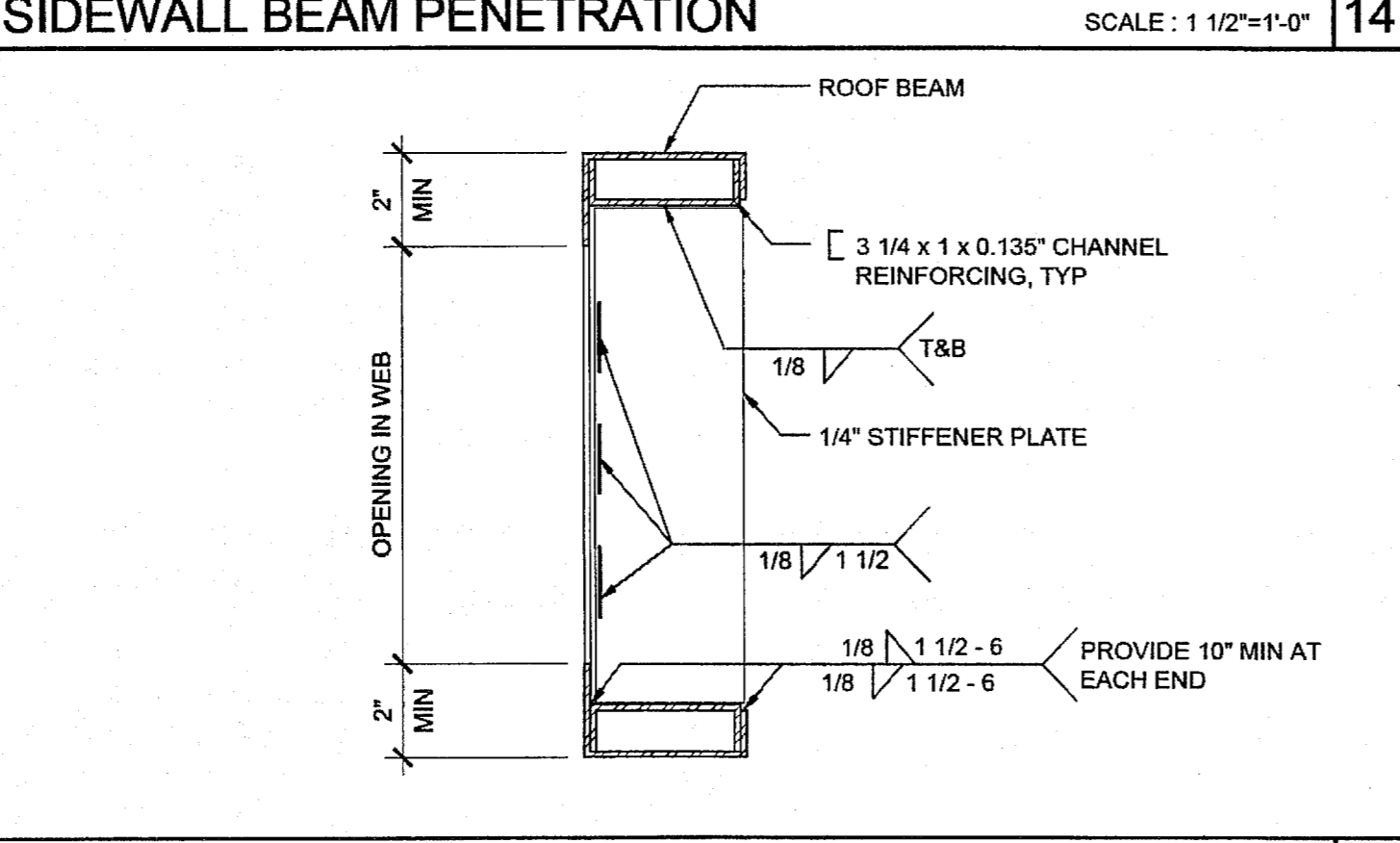
MODULE CONNECTION AT ROOF (OPTION) SCALE: 3\"/>



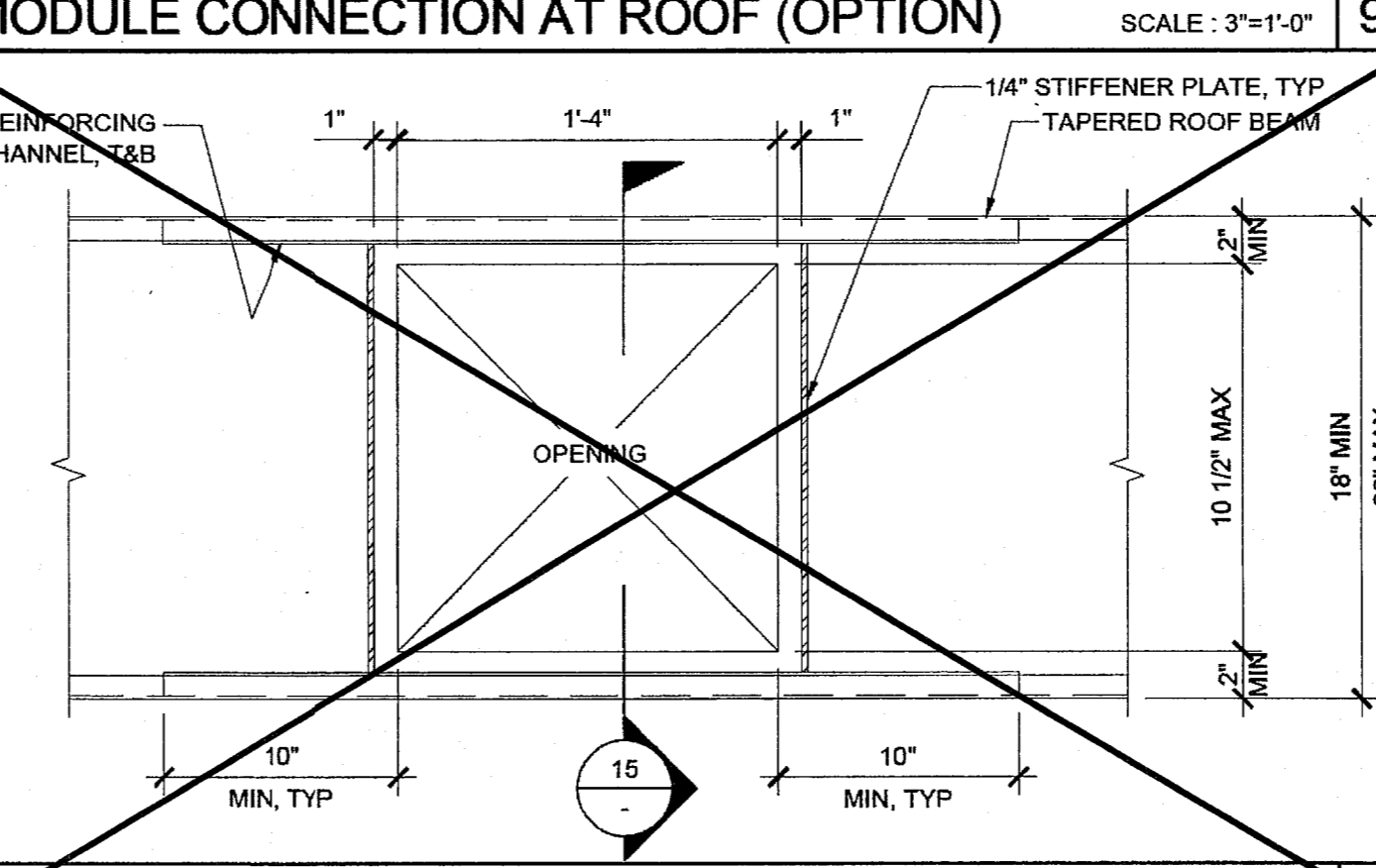
NOT USED SCALE: 3\"/>



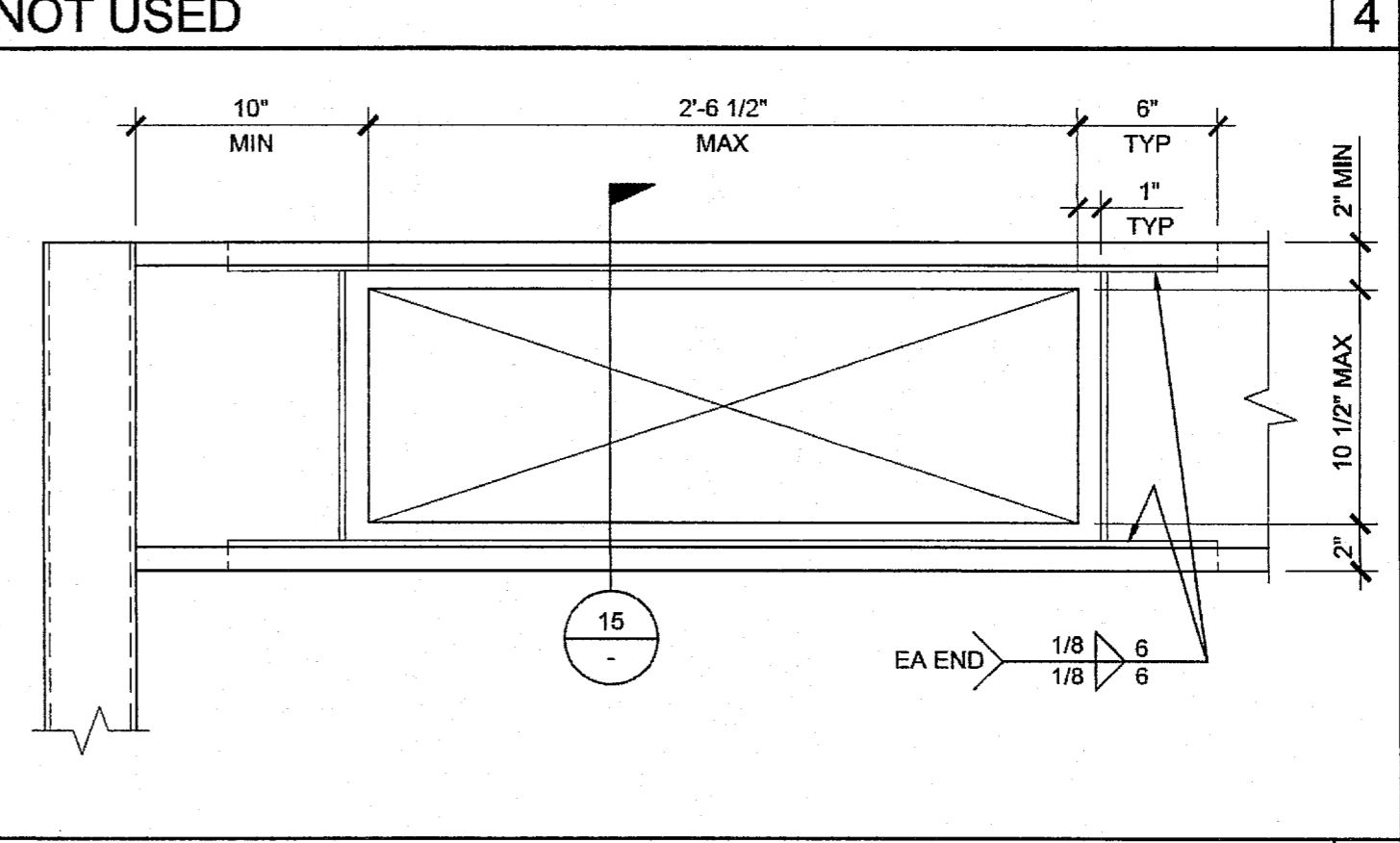
STRAP SPLICE DETAIL SCALE: 6\"/>



WEB OPENING AT HEADER SCALE: 3\"/>



OPENING AT ROOF BEAM (OPTION) SCALE: 1 1/2\"/>



OPENING AT HEADER SCALE: 1 1/2\"/>

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SILVER CREEK INDUSTRIES, INC.
 "BUILDING FOR THE NEXT GENERATION"
 SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
ROOF FRAMING DETAILS DUAL SLOPE

STAVARES ASSOCIATES
 DESIGN CONSULTING ARCHITECTS INC.
 1000 N. GARDEN ST. SUITE 200
 SAN ANTONIO, TX 78207
 WWW.STAVARES.COM

REGISTERED ARCHITECT
 STATE OF CALIFORNIA
 C-33467
 REN 01-31-2017

REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 STRUCTURAL
 No. S3380
 RSTH 14217
 06/15/15

ARCHITECT OF RECORD
 SUBMISSION DATE

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 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS [] FLS [] SS [] RAE []
 DATE MAY 11 2017

ORIGINAL PC STATE AGENCY APPROVAL

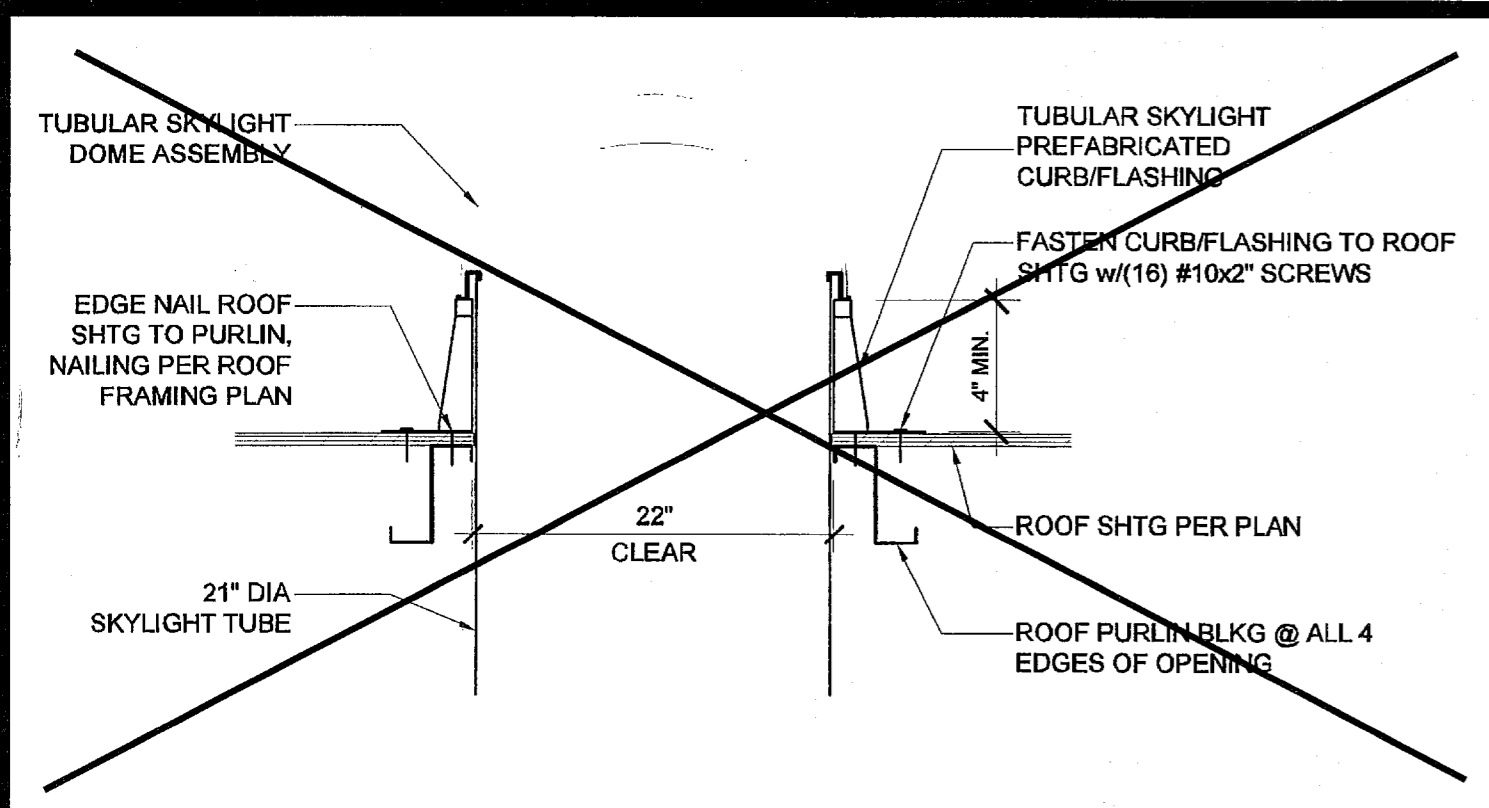
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC [] FLS [] SS [] RAE []
 DATE AUG - 4 2015

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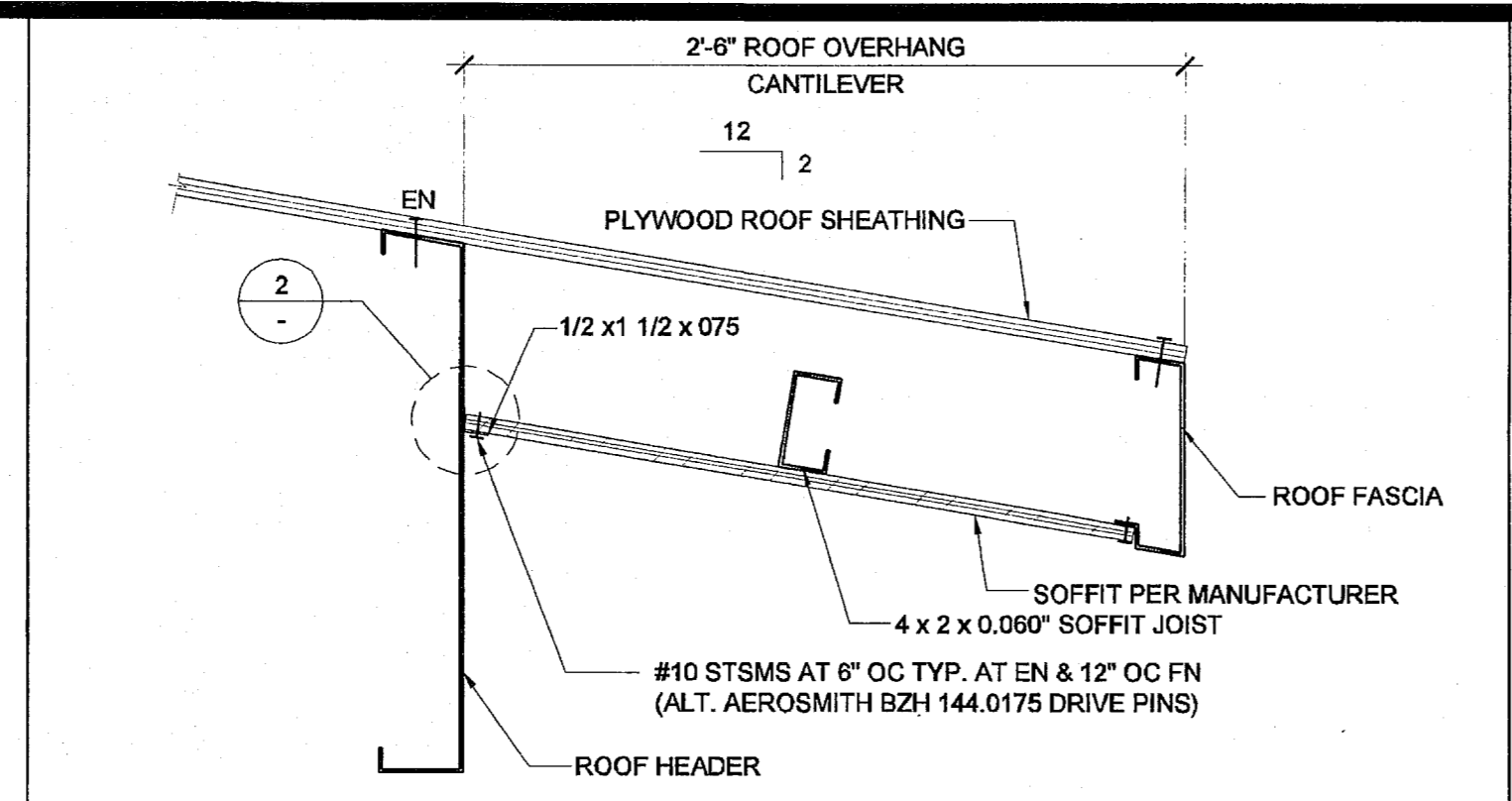
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
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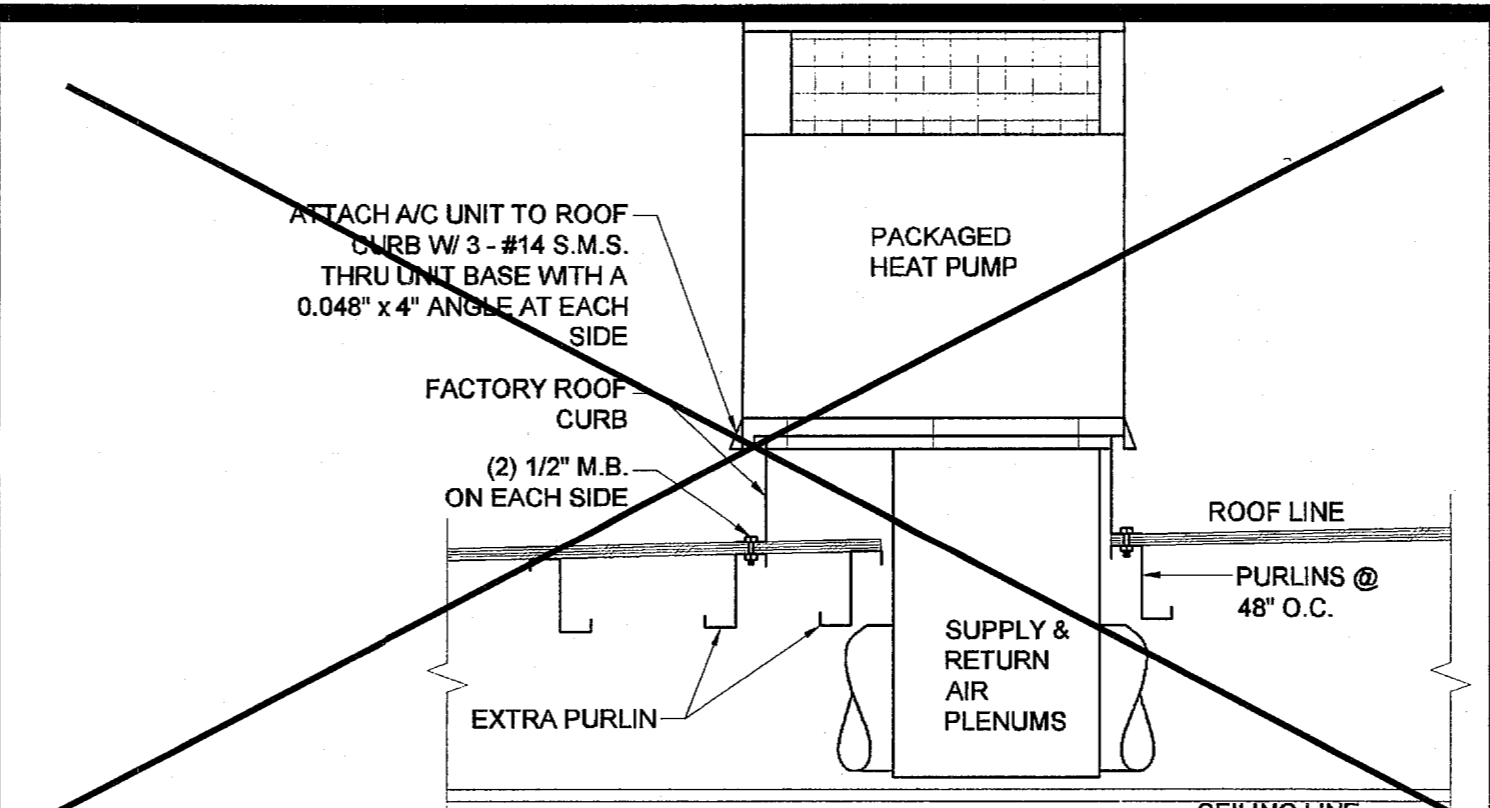
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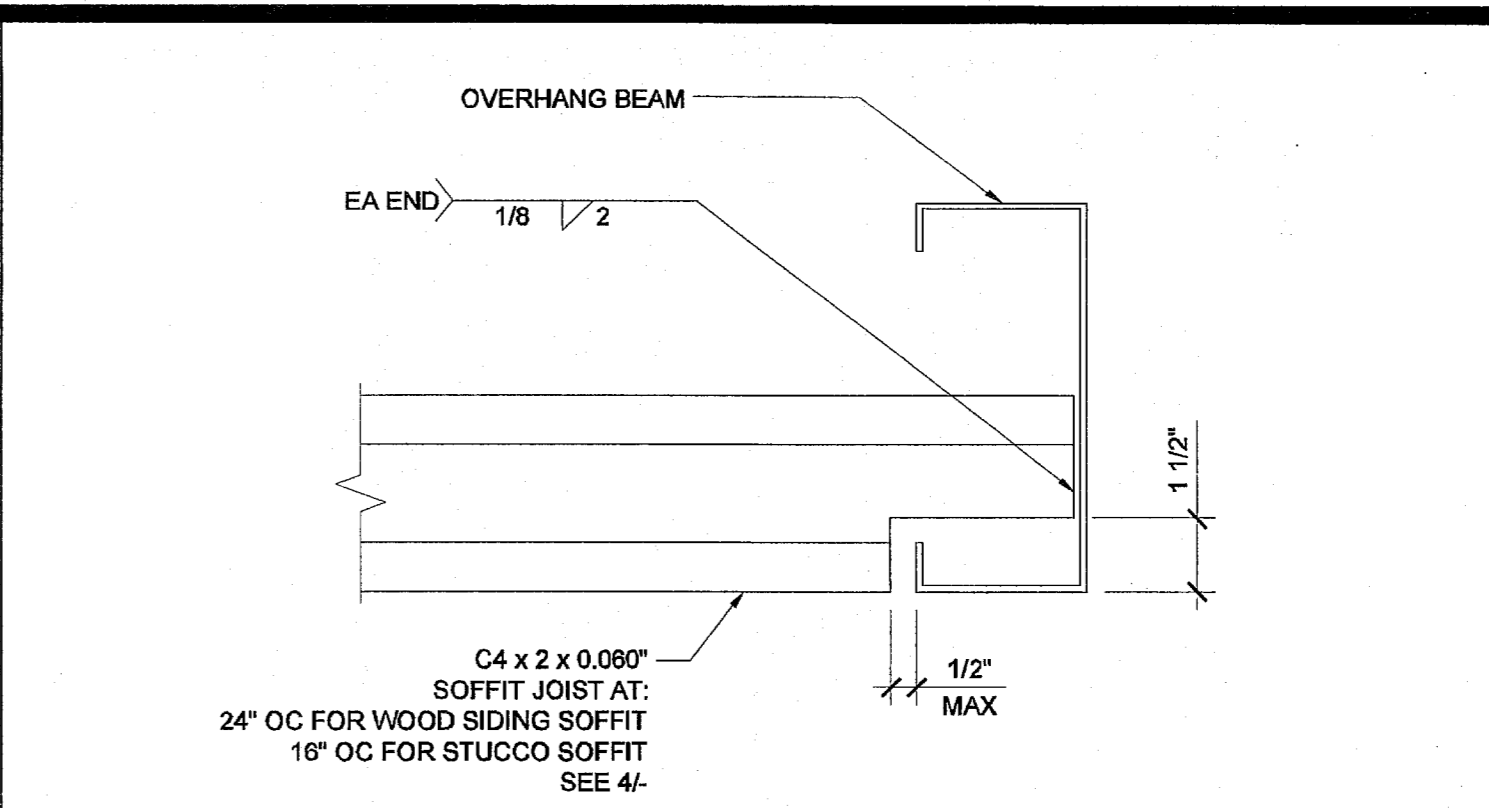
TUBULAR SKYLIGHT SECTION SCALE: 1" = 1'-0" 16



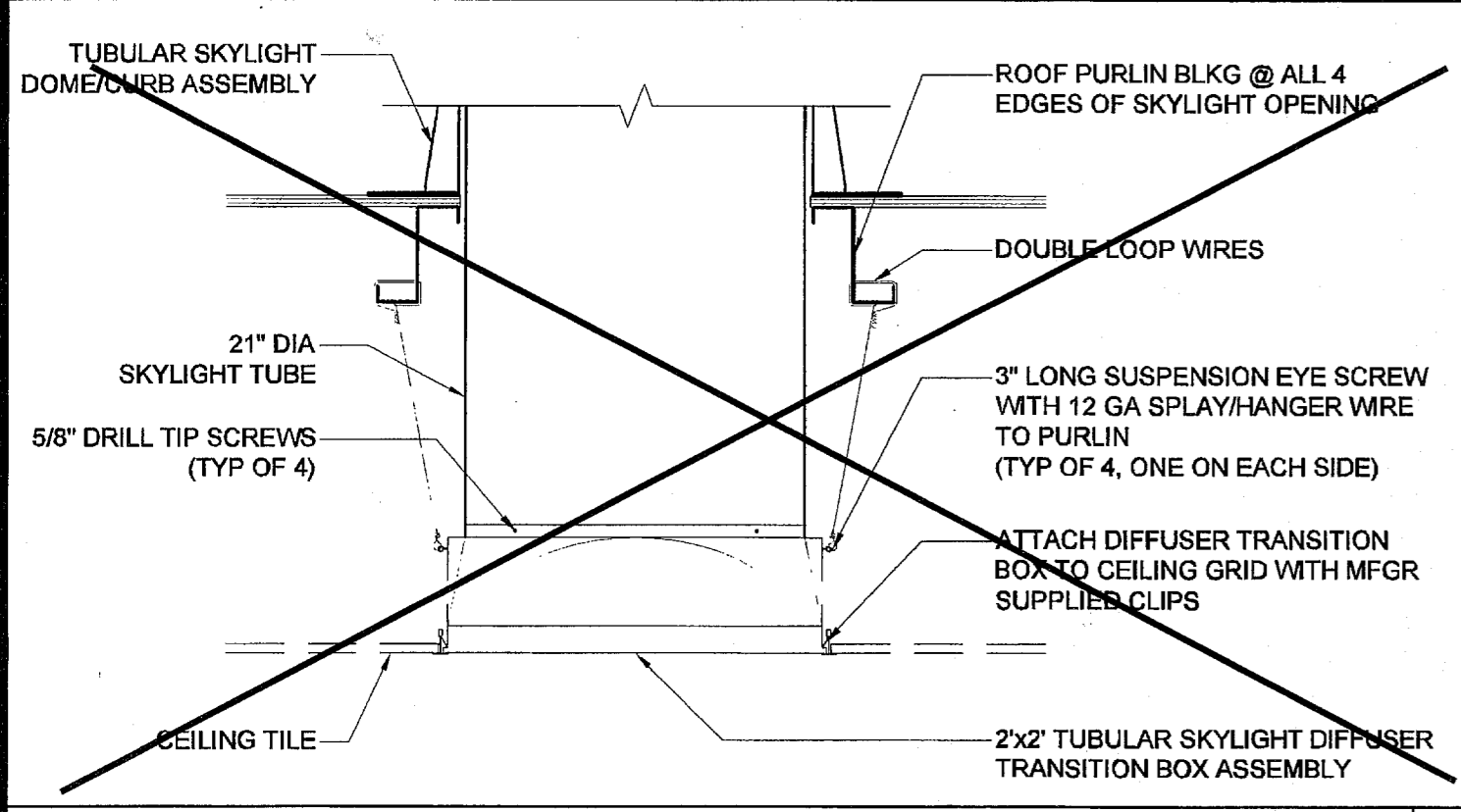
REAR OVERHANG SECTION SCALE: 1 1/2" = 1'-0" 11



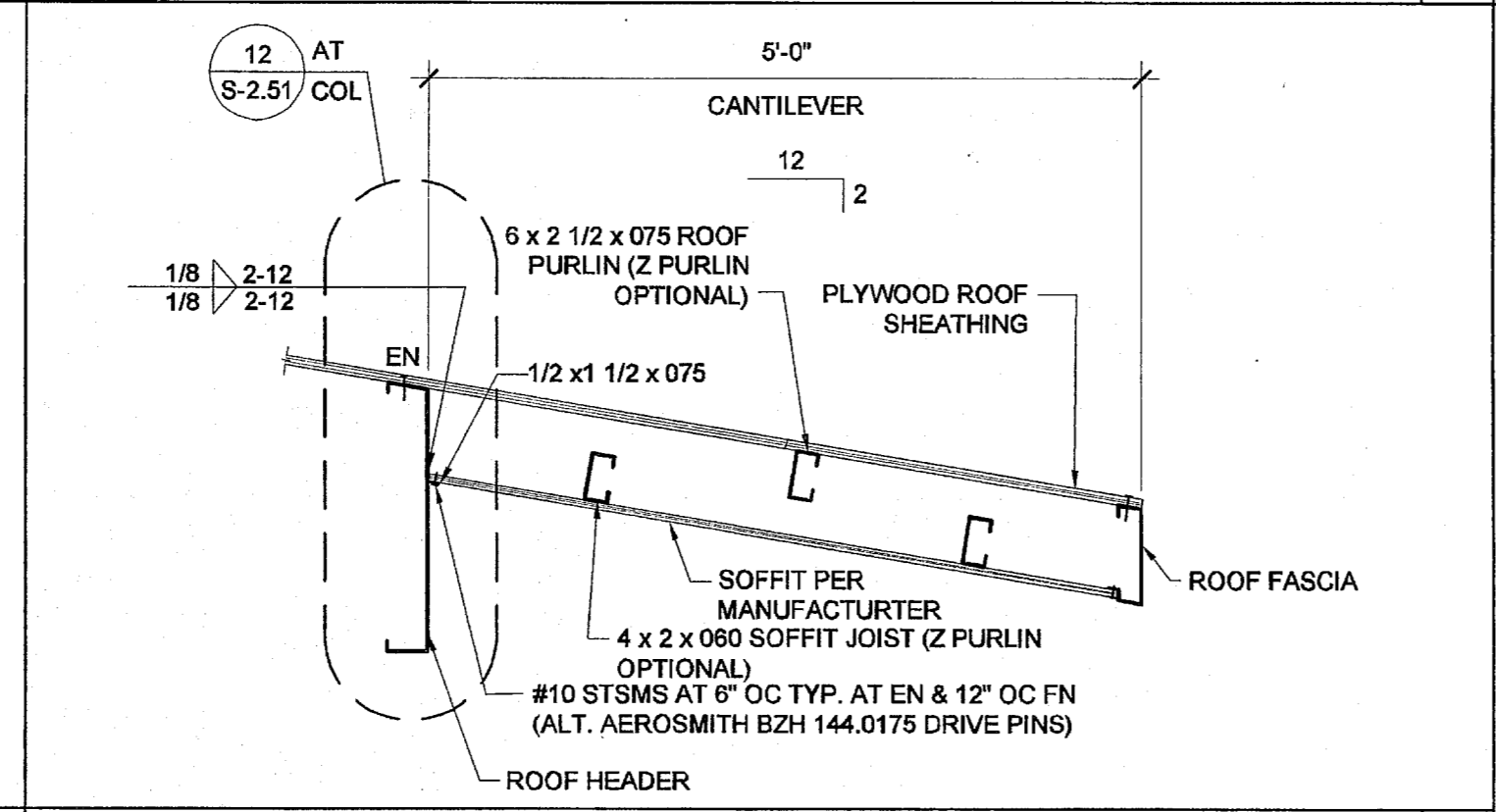
HVAC CURB ATTACHMENT SCALE: 3/4" = 1'-0" 6



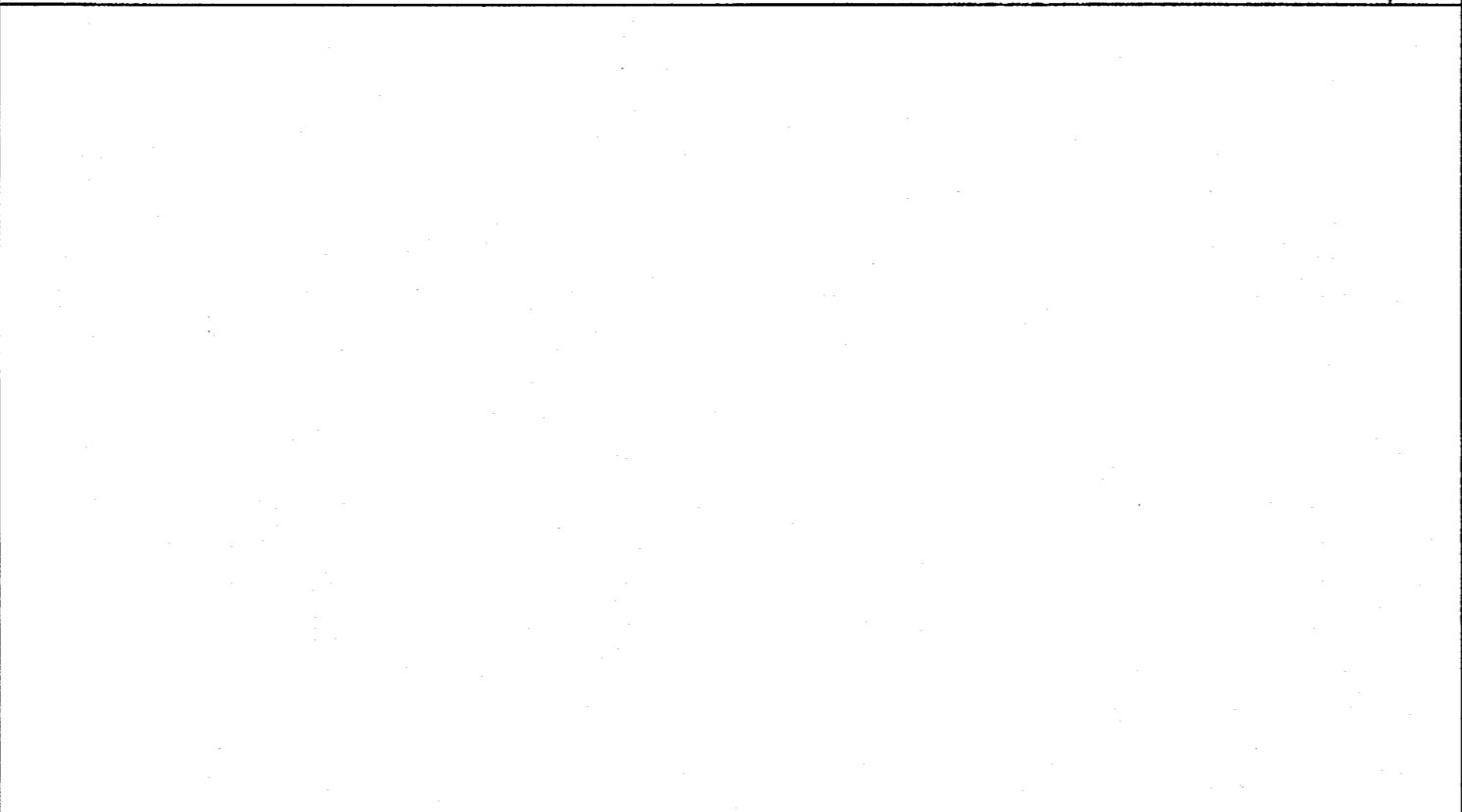
SOFFIT JOIST TO OVERHANG BEAM SCALE: 3" = 1'-0" 1



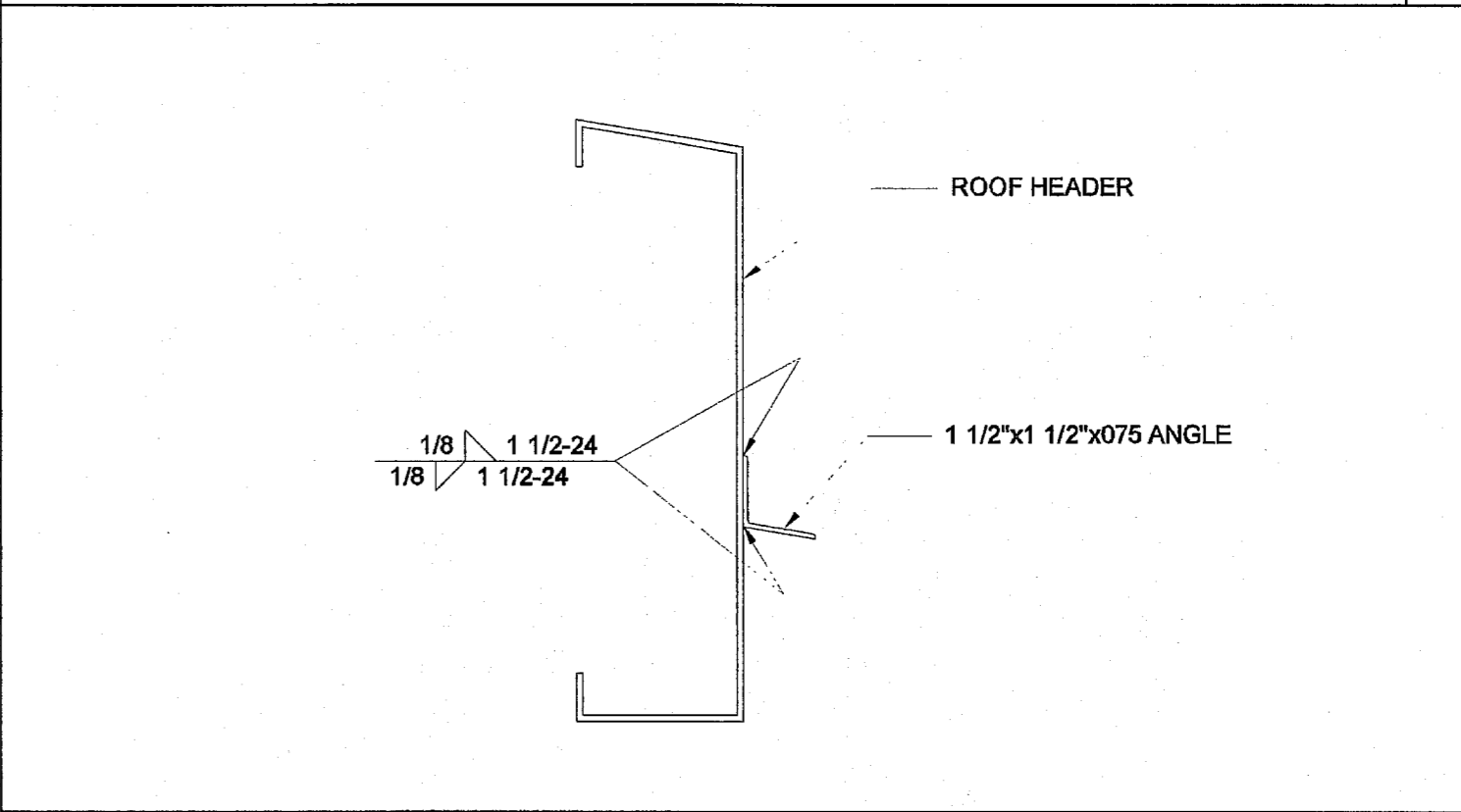
TUBULAR SKYLIGHT DIFFUSER SECTION SCALE: 1" = 1'-0" 17



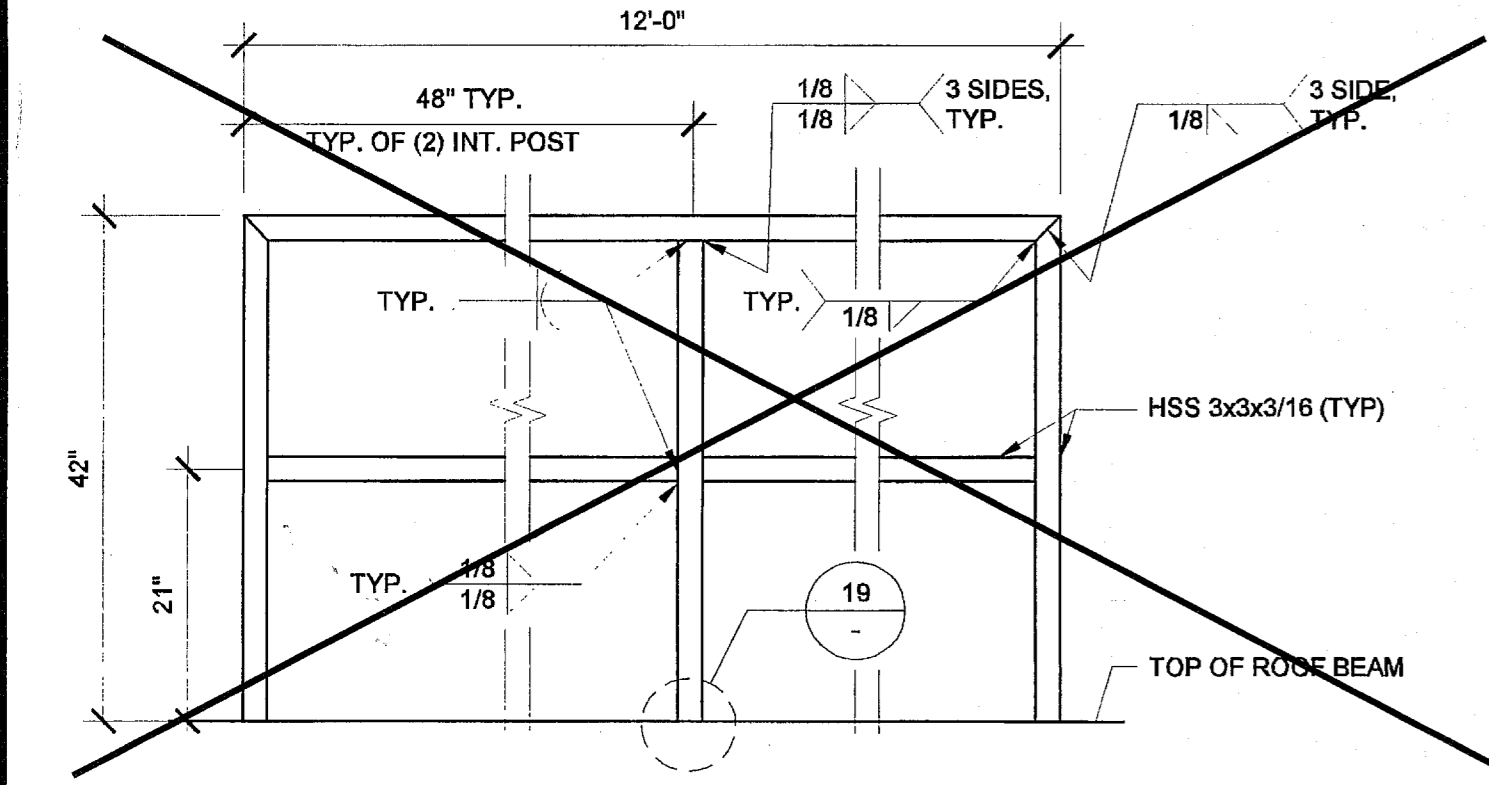
FRONT OVERHANG SECTION - DUAL SLOPE SCALE: 3/4" = 1'-0" 12



SOFFIT ANGLE TO HEADER CONNECTION SCALE: 3" = 1'-0" 2



SOFFIT FASCIA TO BEAM CONNECTION SCALE: 6" = 1'-0" 3



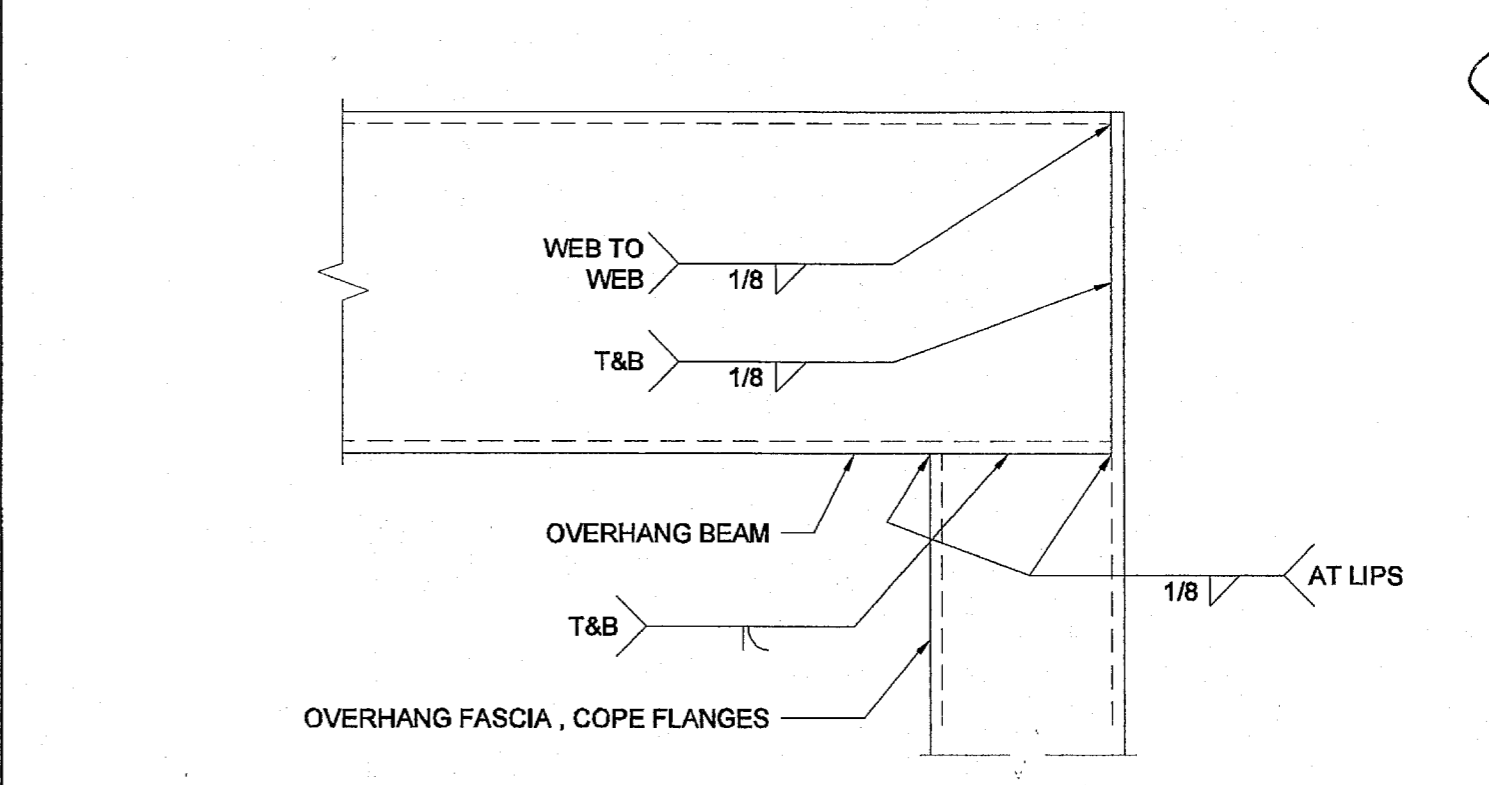
GUARDRAIL AT SIDEWALL SCALE: 3" = 1'-0" 18



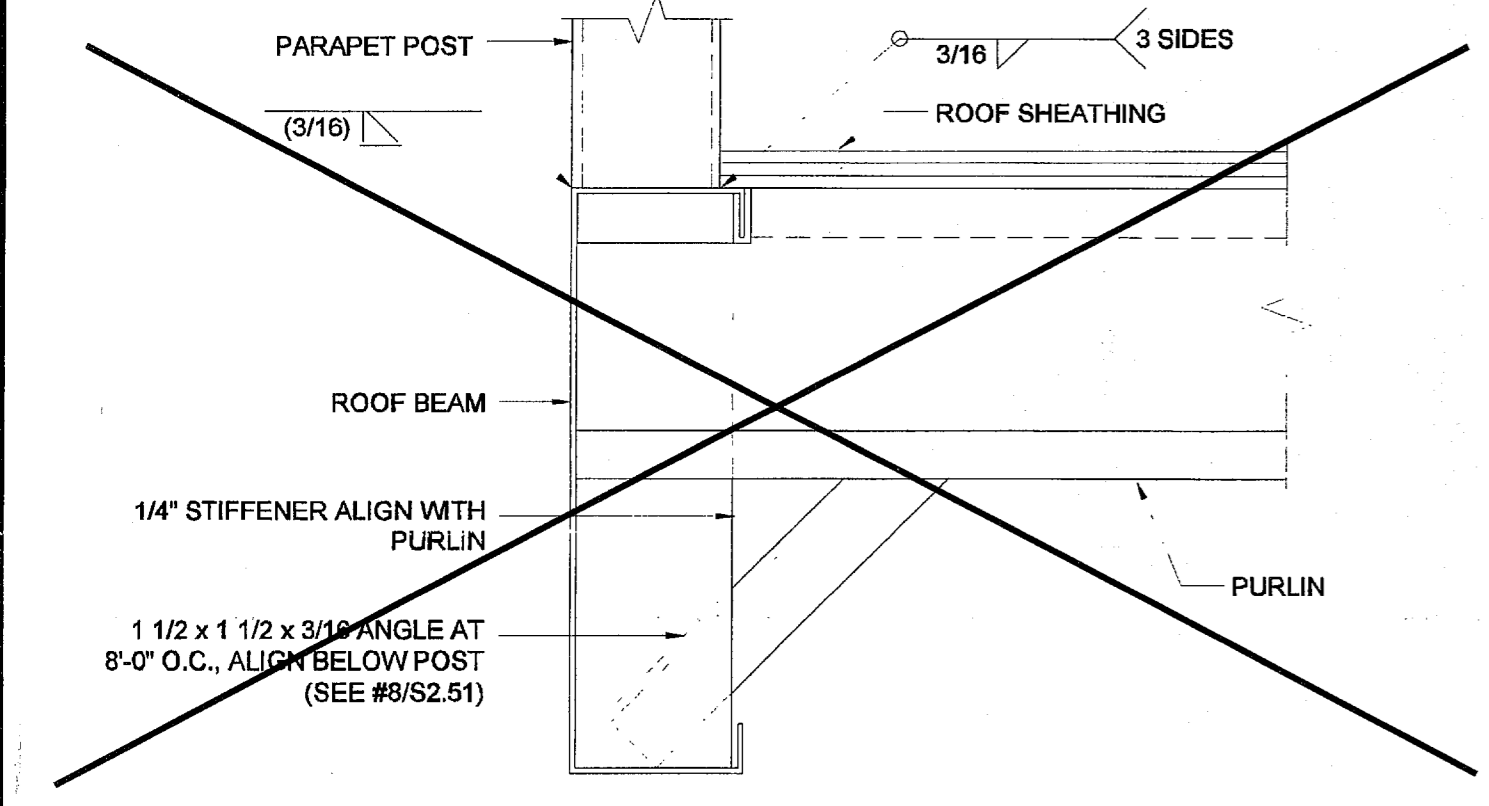
5'-0" ROOF OVERHANG AT .030 ROOF SCALE: 3" = 1'-0" 14



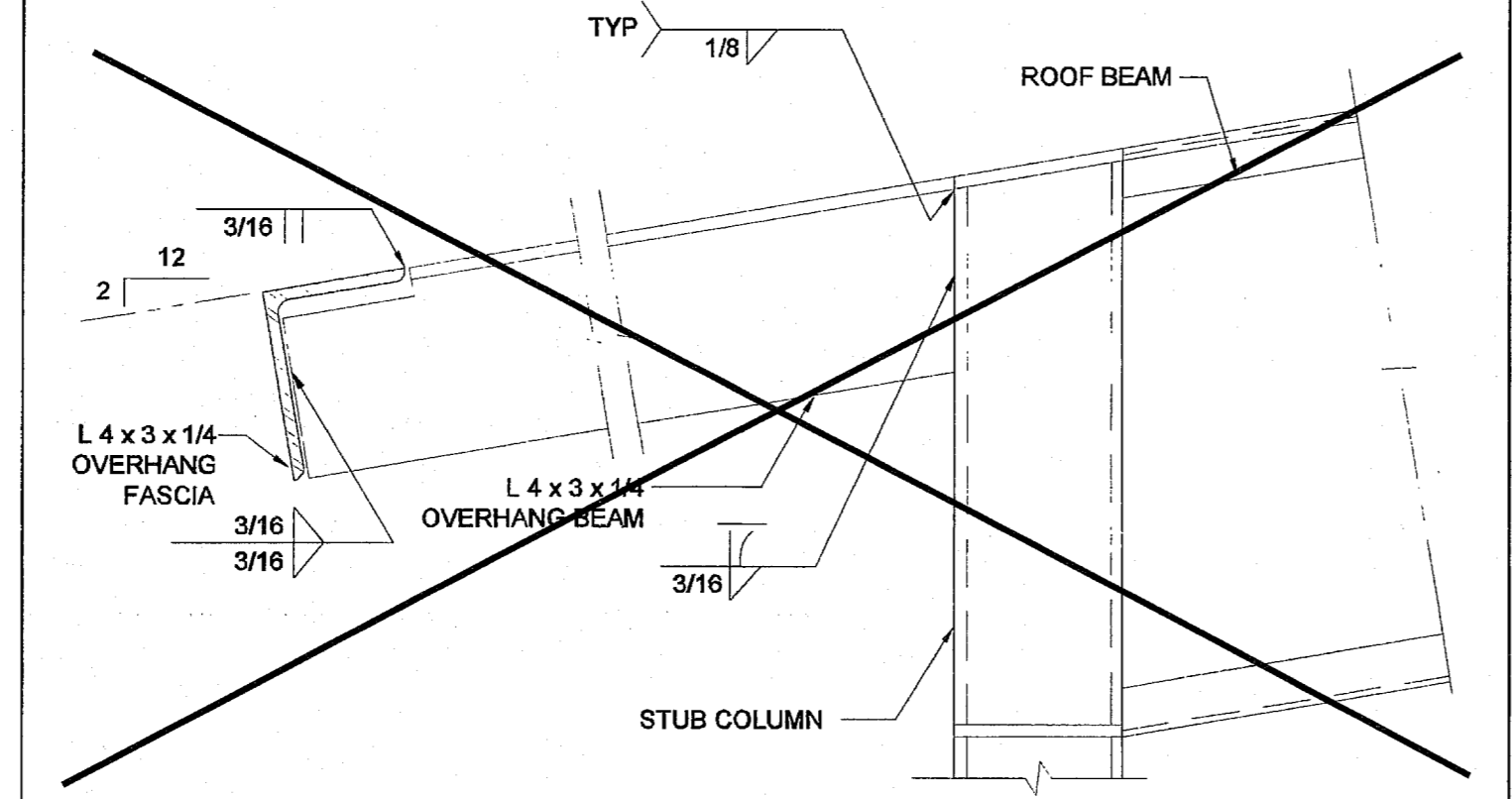
DOUBLE PURLINS AT HVAC SCALE: 1 1/2" = 1'-0" 9



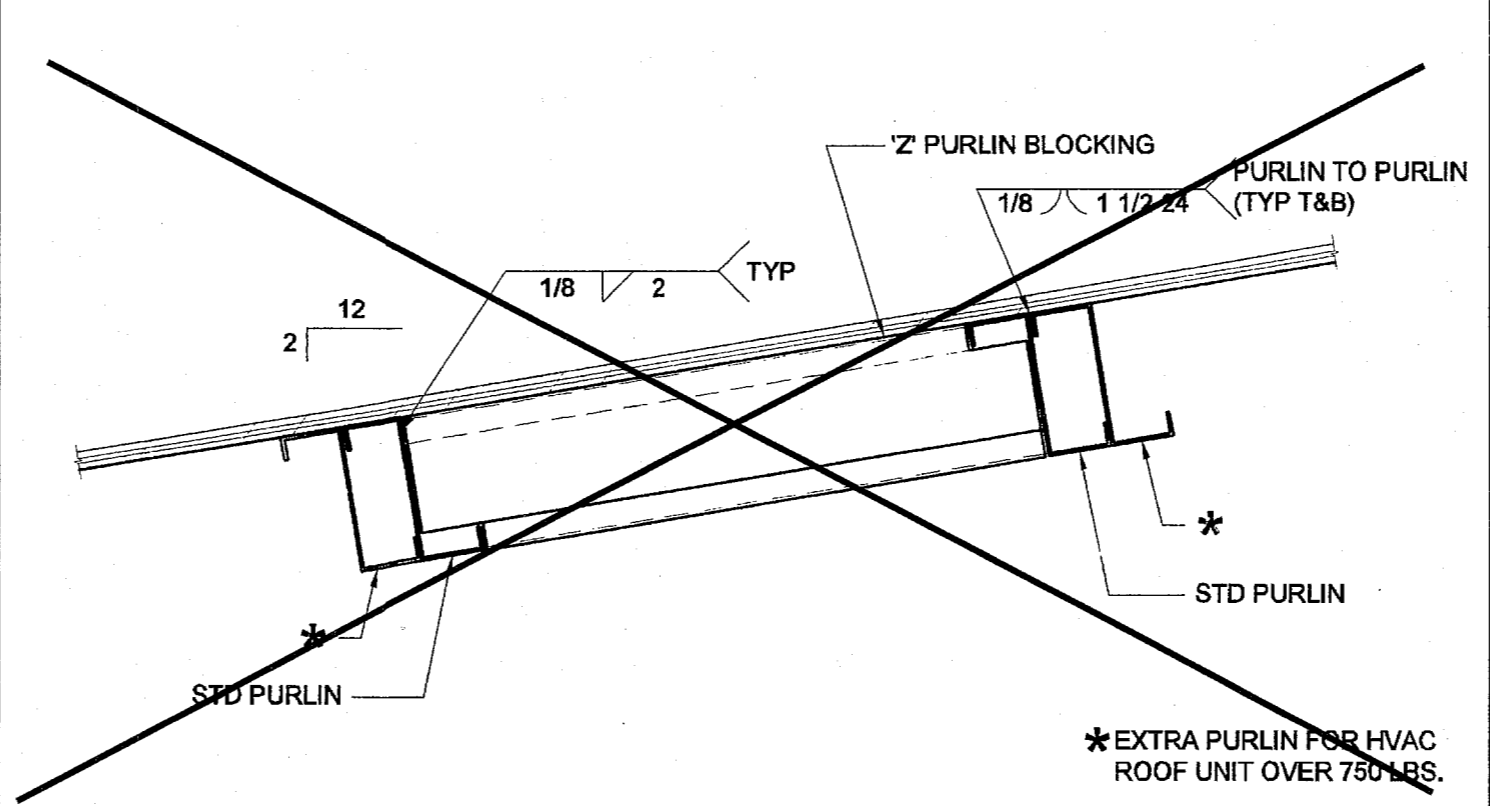
SOFFIT JOIST (OPT) ROOF OVERHANG SCALE: 6" = 1'-0" 4



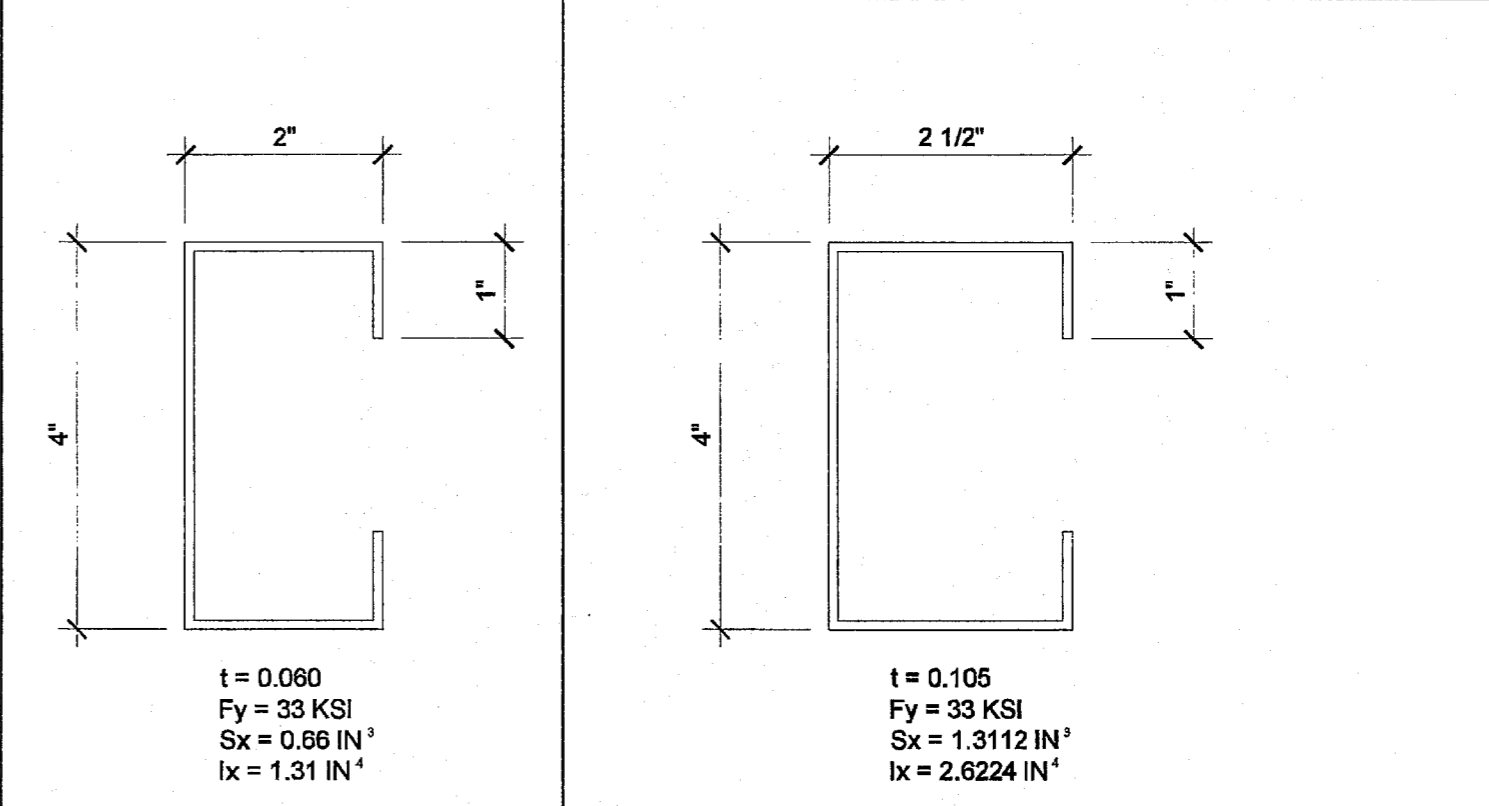
TUBE STEEL TO BEAM AT SIDEWALL SCALE: 3" = 1'-0" 19



5'-0" ROOF OVERHANG AT .030 ROOF SCALE: 3" = 1'-0" 15



OVERHANG SUPPORT TO ROOF HDR @ STIFFENER SCALE: 3" = 1'-0" 10



OVERHANG FASCIA & BEAM SCALE: 3" = 1'-0" 5

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SILVER CREEK INDUSTRIES, INC.
 "BUILDING FOR THE NEXT GENERATION"
 SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
 24x40 STOCKPILE OFFICE BUILDING
 SHEET TITLE:
 ROOF FRAMING DETAILS

ARCHITECT OF RECORD
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 ACS FILE SS RPF
 DATE MAY 18 2017

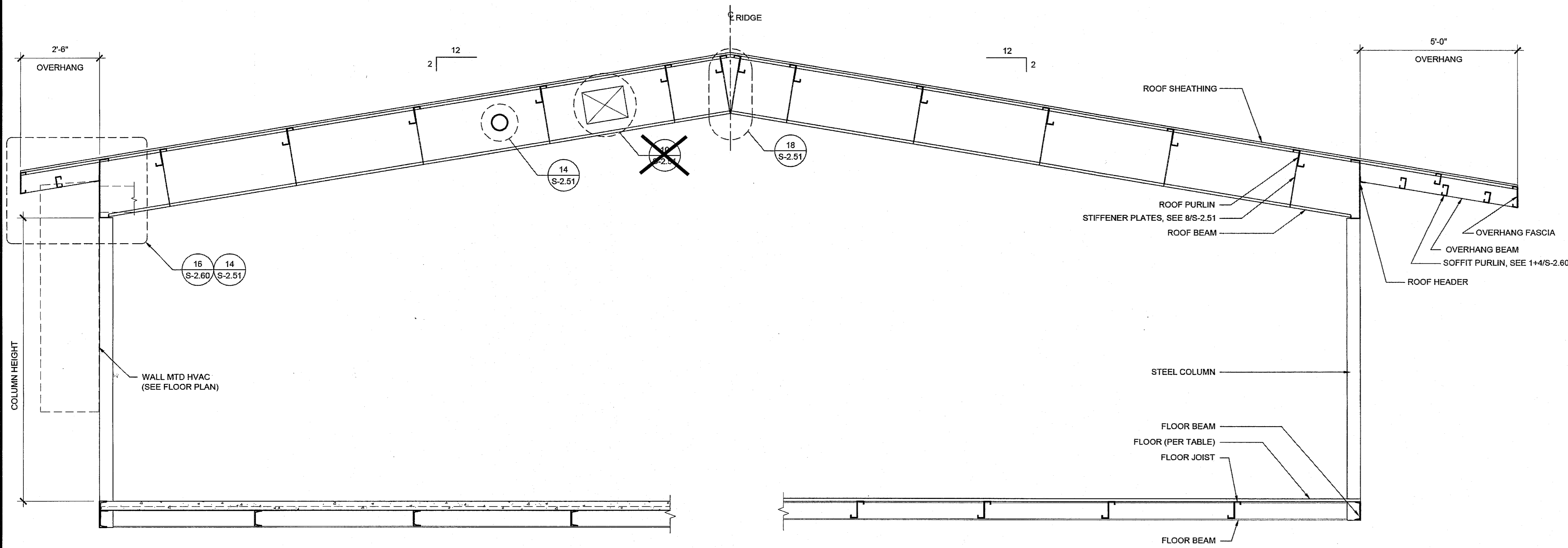
ORIGINAL PC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC FLS SS RPF
 DATE AUG - 4 2015

REVISIONS

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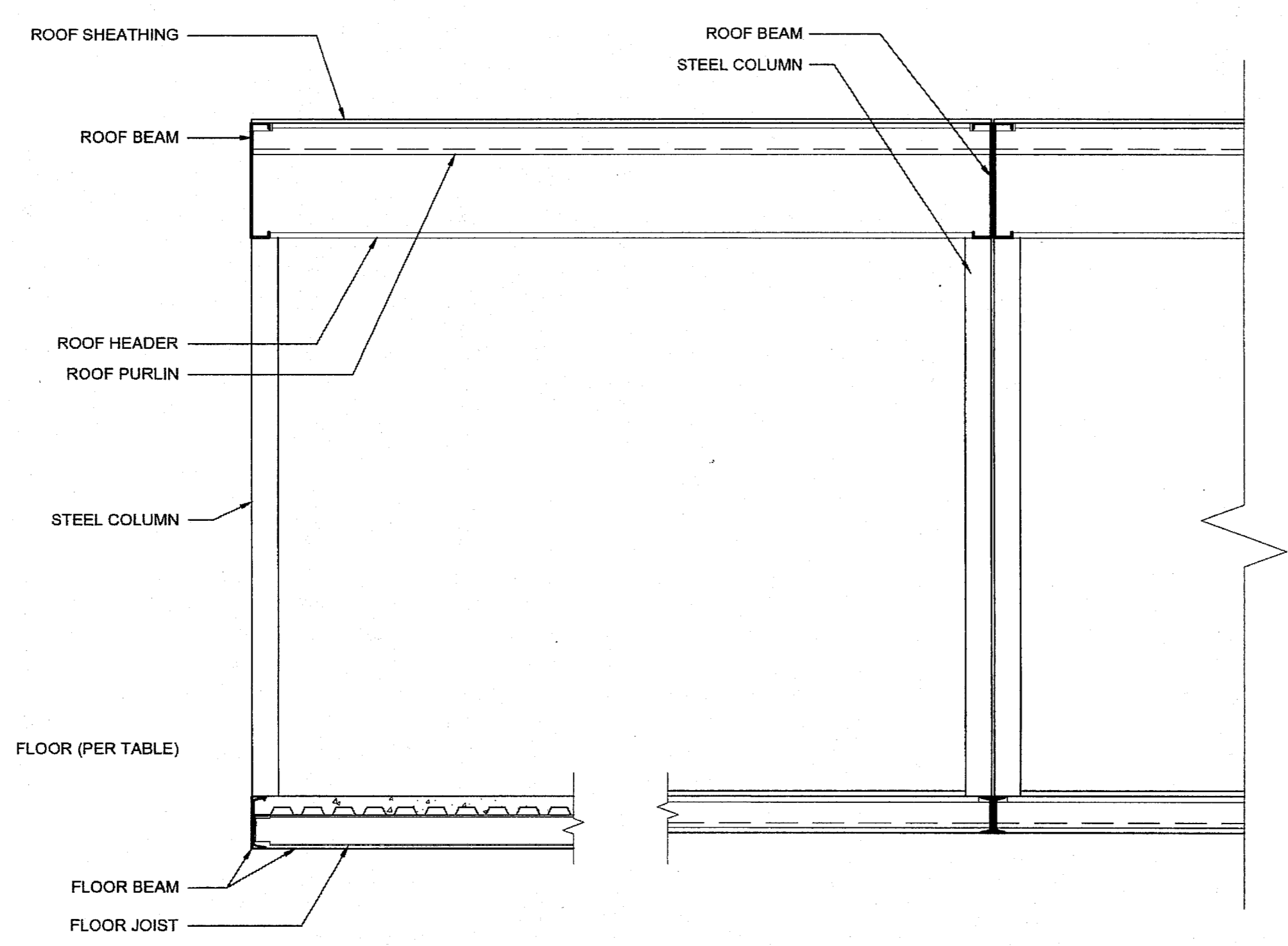
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15
 P.C. SHEET NUMBER
 S-2.60



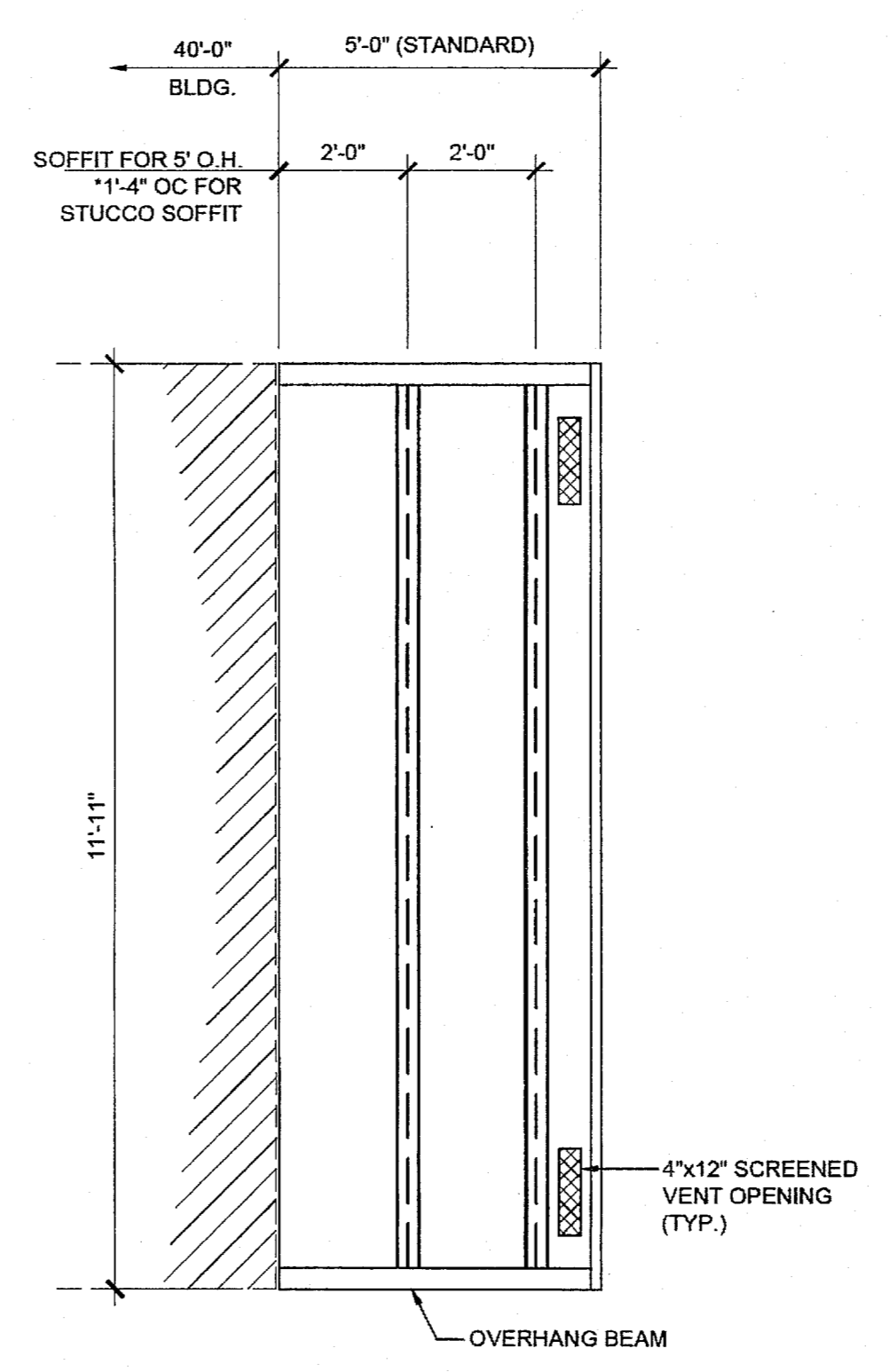
BUILDING SECTION

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



BUILDING SECTION

SCALE: 1/2" = 1'-0" 3



ENCL. SOFFIT PLAN-OPT.

SCALE: 3/8" = 1'-0" 2

NOTES

1. ALL INFORMATION SUCH AS DETAILS, SECTIONS, CONNECTIONS, AND MATERIAL ATTACHMENT SHALL BE REFERENCED FROM OTHER SHEETS WITHIN THIS SET WHERE IT APPLIES.

FLOOR CONSTRUCTION

- WOOD FLOOR
- CONCRETE FLOOR

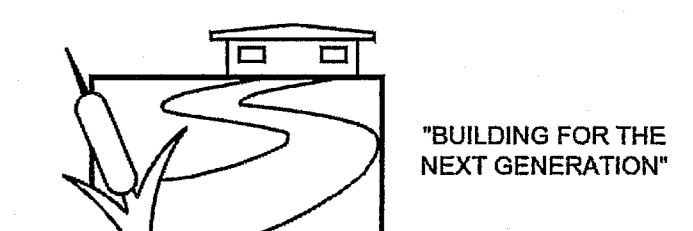
HSS COLUMN SCHEDULE

COLUMN HEIGHT	OPT -12\"/>			
<input checked="" type="checkbox"/> 9'-0" STD	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4
<input type="checkbox"/> 9'-6" STD	<input type="checkbox"/> YES	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4
<input type="checkbox"/> 9'-0" SNOW	N/A	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4
<input type="checkbox"/> 9'-6" SNOW	N/A	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4	<input type="checkbox"/> 5 x 5 x 1/4

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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019
 SCI Inc

SILVER CREEK INDUSTRIES, INC.



SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

**BUILDING SECTIONS
 0.018" DUAL SLOPE**



ARCHITECT OF RECORD
 SUBMISSION DATE: 06/15/15

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RPF
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK/PC DOCUMENT
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC FLS SS RPF
 DATE: AUG - 4 2015

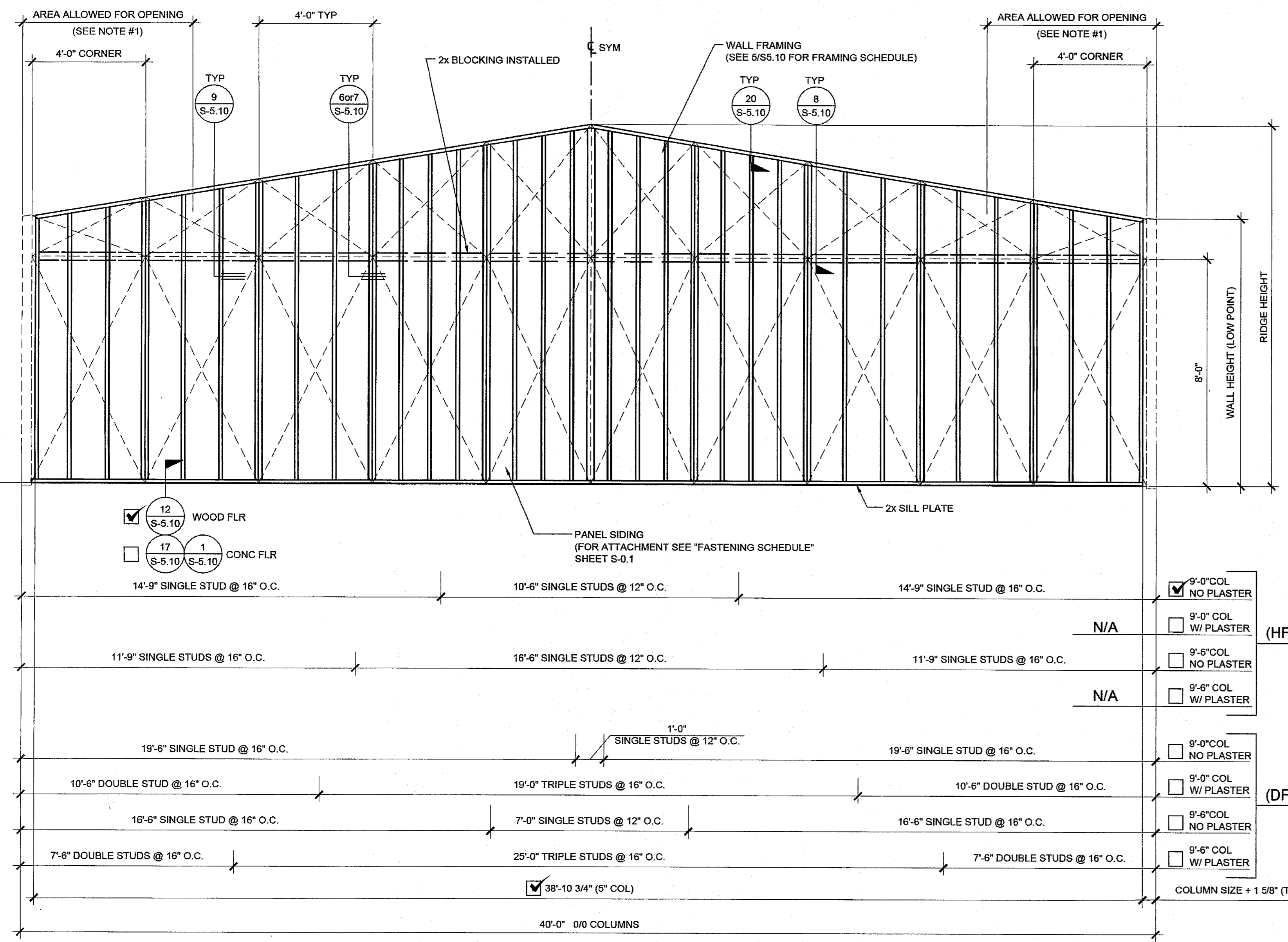
REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

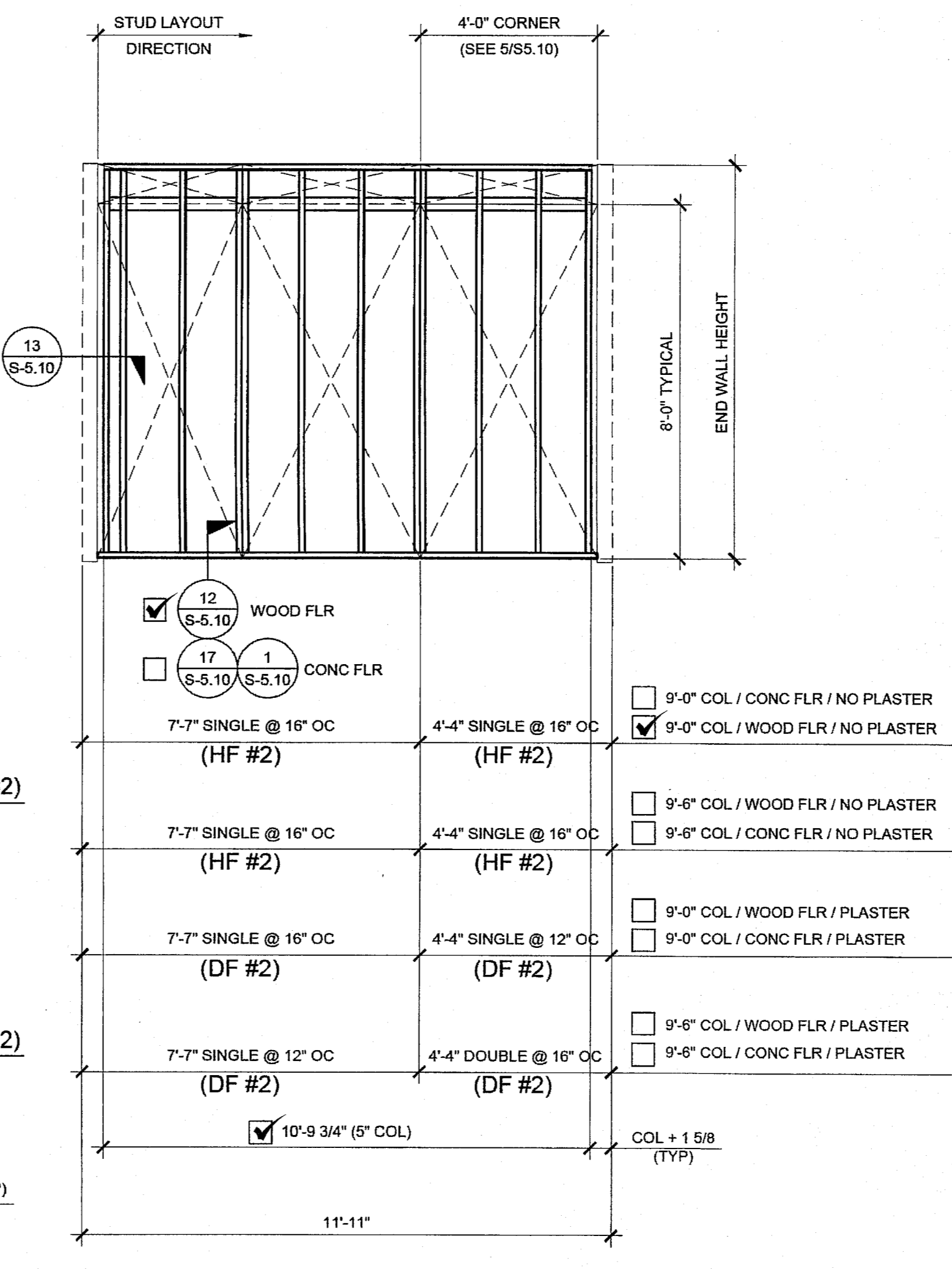
P.C. SHEET NUMBER

S-3.02

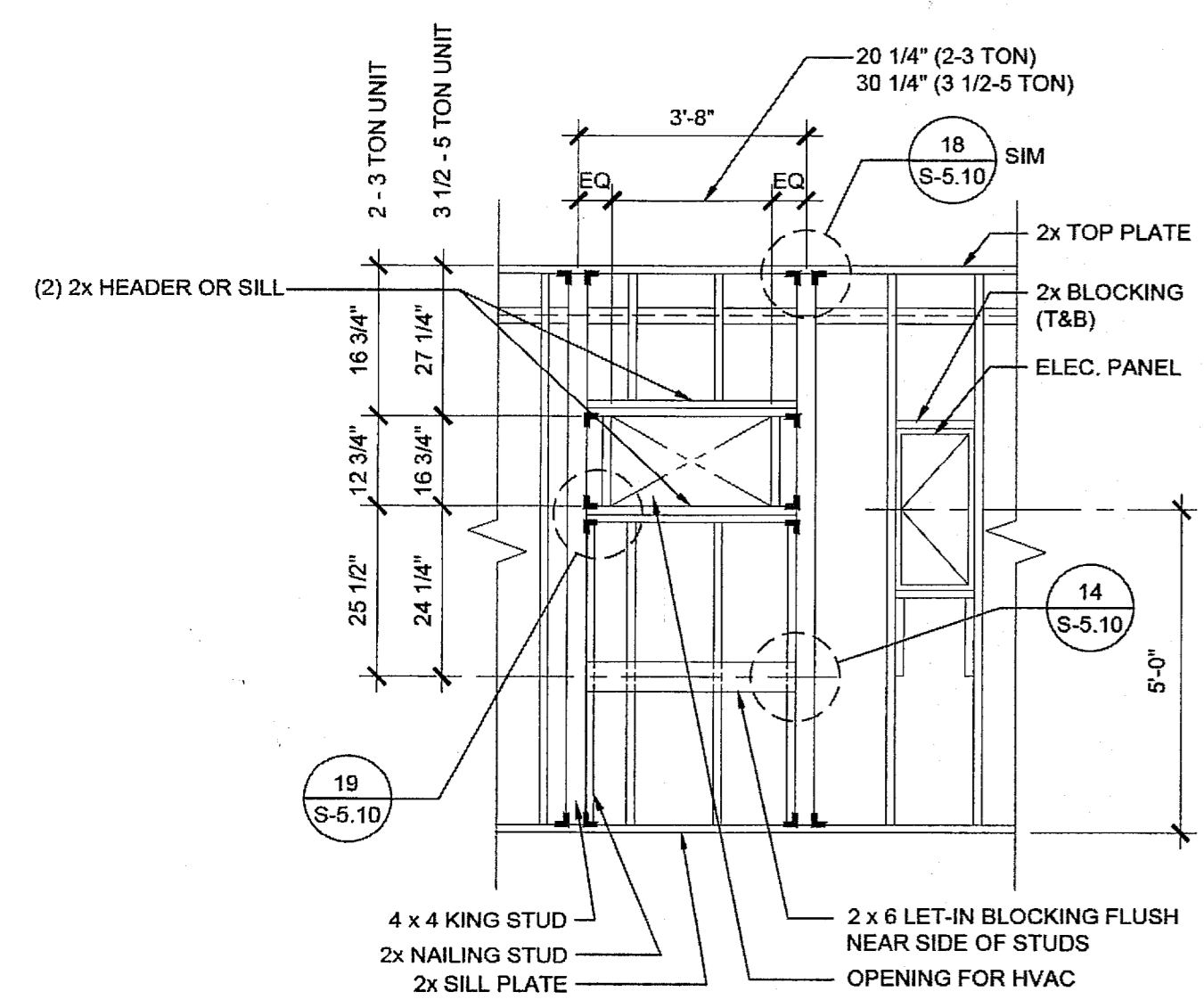


TYPICAL SIDE WALL

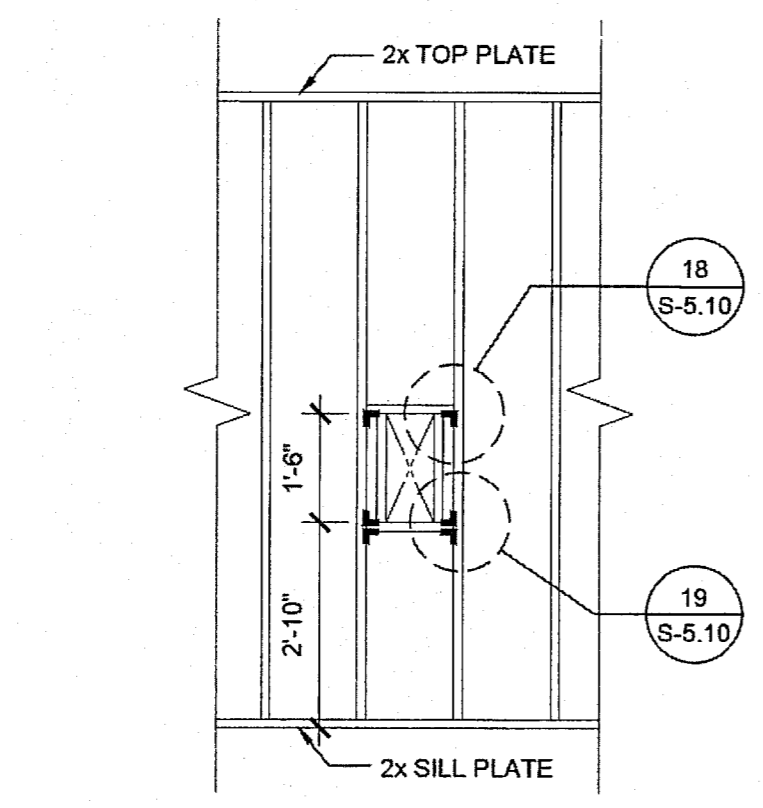
NOTE:
2x6 @ 16" O.C. WALL FRAMING TO BE USED
WHEN PLASTER OPTION IS TAKEN, 2x4
PLASTER OPTIONS SHOWN ARE OPTIONAL



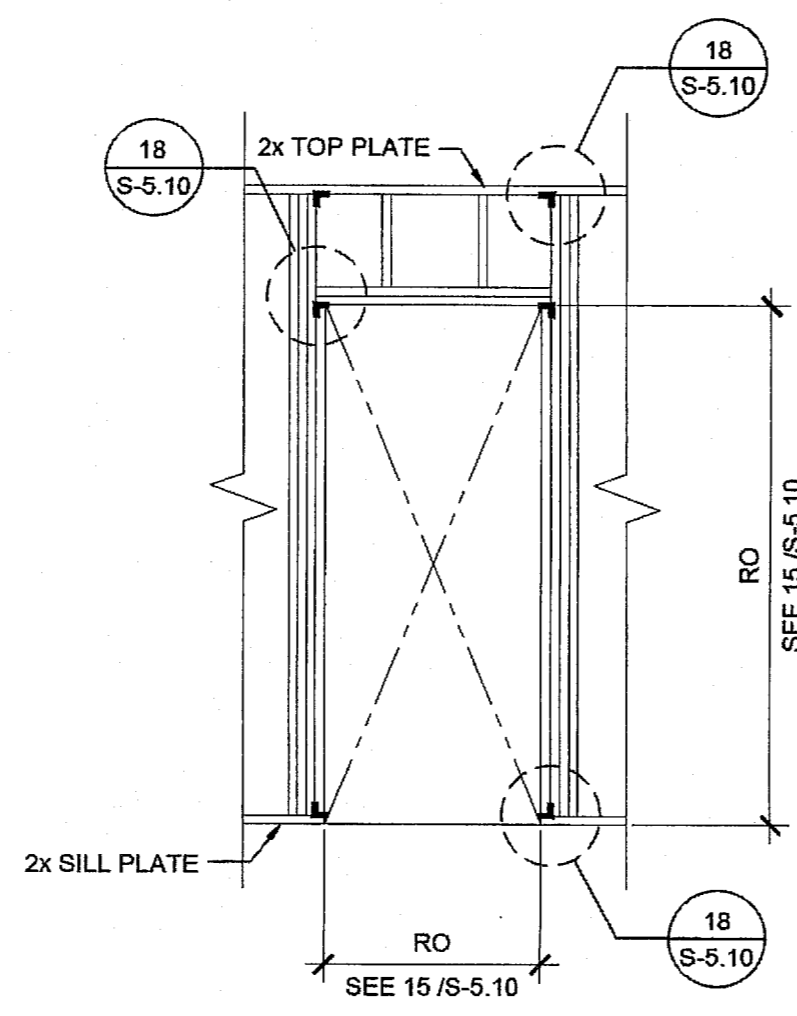
TYPICAL END WALL



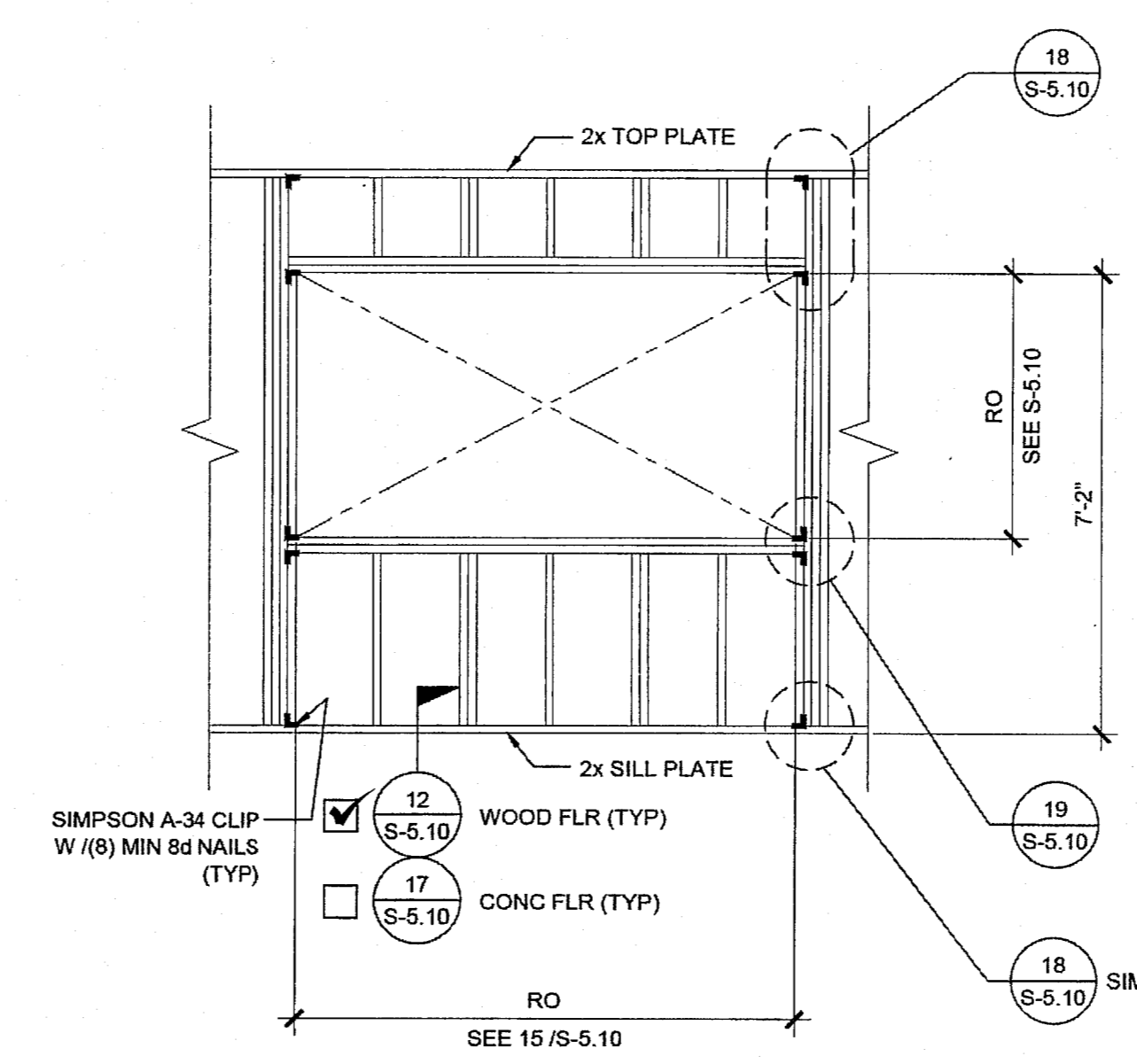
TYPICAL HVAC



FIRE EXTINGUISHER CABINET BLOCKOUT



TYPICAL DOOR



TYPICAL WINDOW

NOTES

- AREA ALLOWED FOR OPENING FROM CORNER AT SIDE WALL:
 9'-0" AT 9'-0" COLUMN HEIGHT
 6'-0" AT 9'-6" COLUMN HEIGHT

2X4 WOOD STUDS

MAX. WALL HEIGHT (FT) SCHEDULE FOR 2x4 STUDS

WALL FRMG.	PLASTER	SINGLE STUD @ 16" O.C.		SINGLE STUD @ 12" O.C.	
		HF	DF	HF	DF
(Z-4)	NO PLASTER	8.49	9.08	9.32	9.97
4' FROM CORNER (Z-5)	PLASTER	7.94	8.49	8.72	9.32
	NO PLASTER	11.34	12.14	12.46	13.34

WALL FRMG.	PLASTER	DOUBLE STUD @ 16" O.C.		TRIPLE STUD @ 16" O.C.	
		HF	DF	HF	DF
(Z-4)	NO PLASTER	10.64	11.38	12.14	12.99
4' FROM CORNER (Z-5)	PLASTER	9.94	10.64	11.34	12.14
	NO PLASTER	14.23	15.23	16.25	17.40

2x6 WOOD STUDS HF#2 OR DF#2 @ 16" O.C. - ALL SCENARIOS
 2x8 WOOD STUDS HF#2 OR DF#2 @ 16" O.C. - ALL SCENARIOS

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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.

 "BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

WALL FRAMING ELEVATIONS WOOD STUDS

STAVARES ASSOCIATES
 REGISTERED ARCHITECT
 LICENSE NO. 53380
 STATE OF CALIFORNIA
 C-33467
 REN 01-31-2017
 06/15/15

ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS FLS SS RAF
 DATE MAY 17 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
 CODE 2010 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

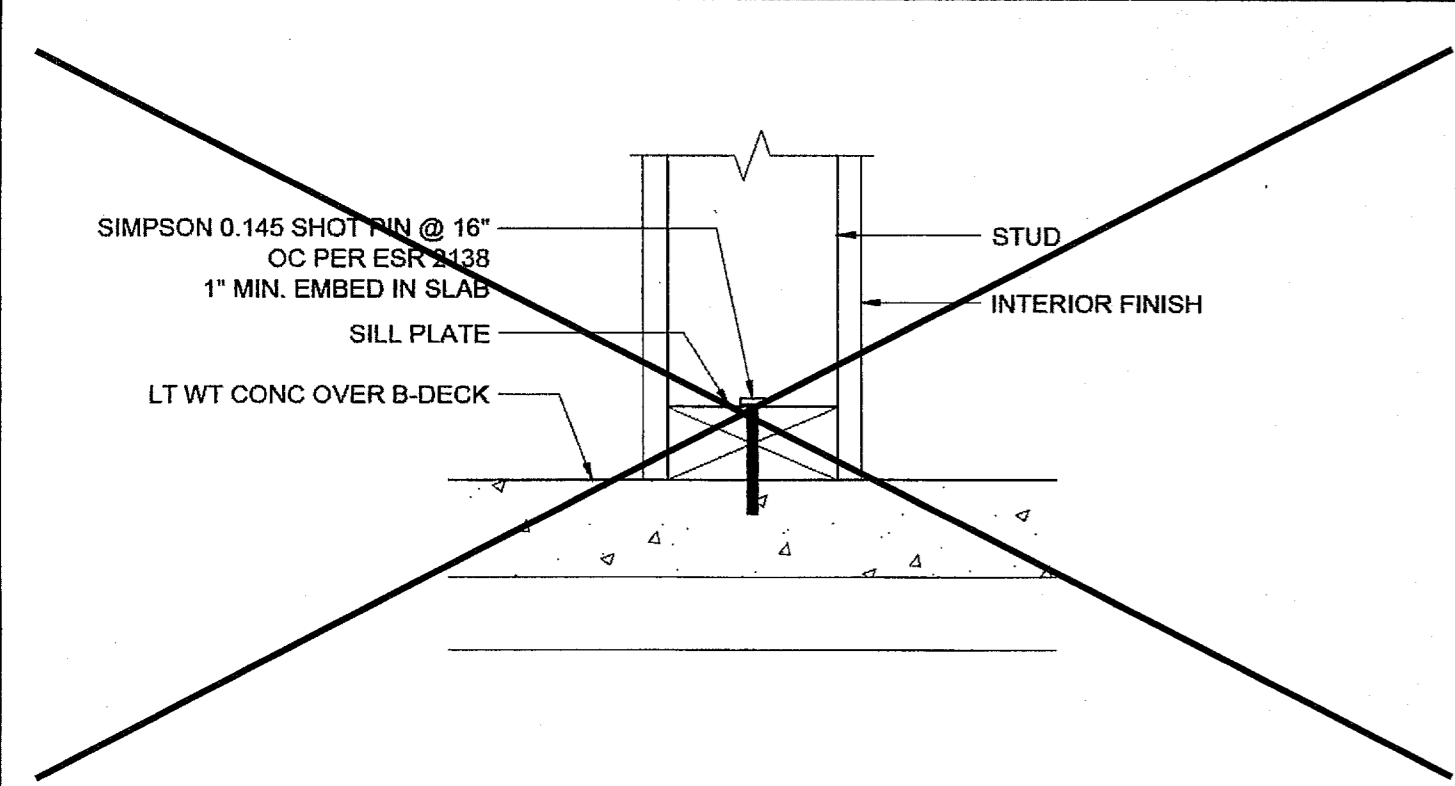
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 AC FLS SS RAF
 DATE AUG - 4 2015

REVISIONS

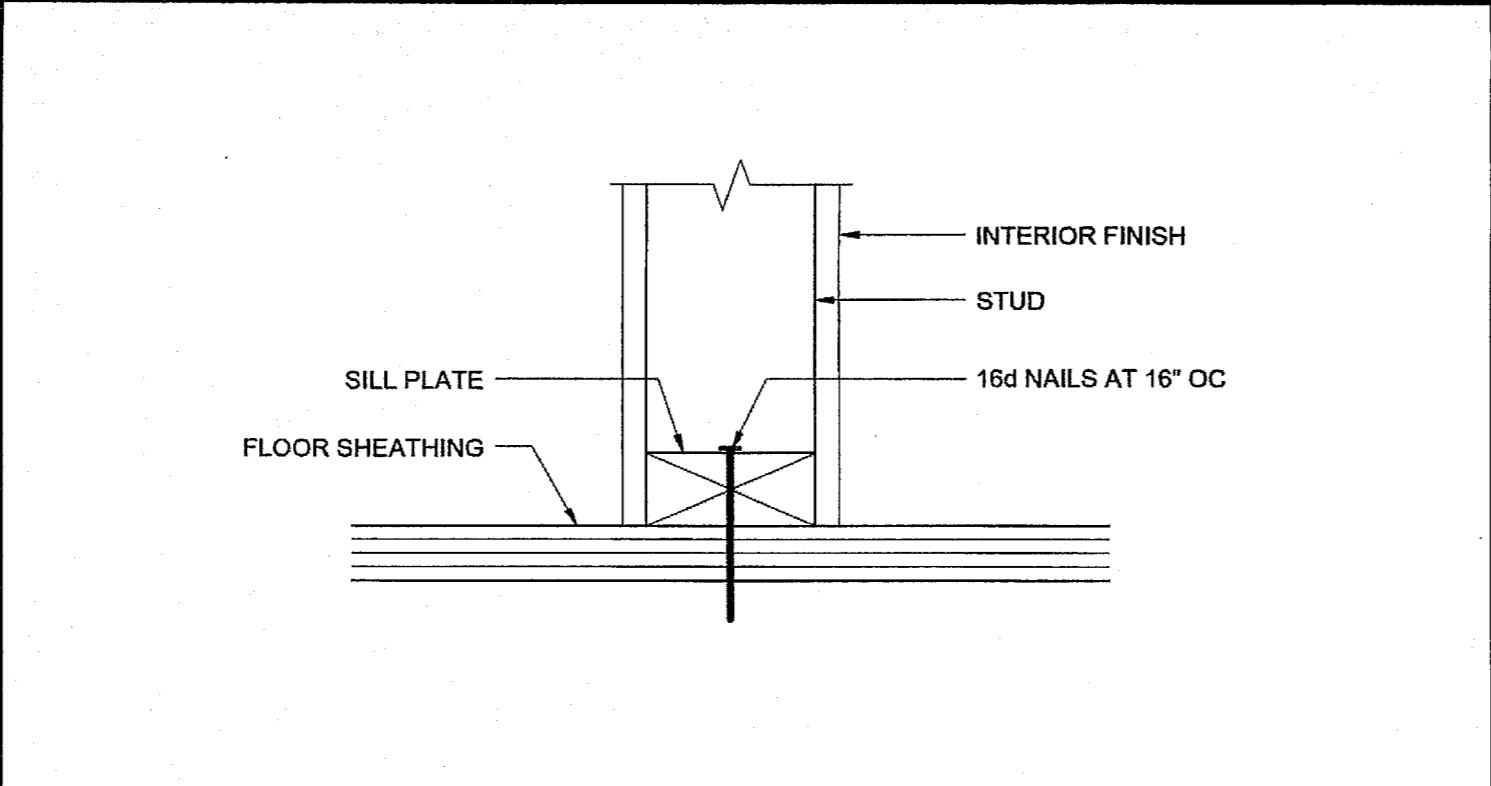
SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

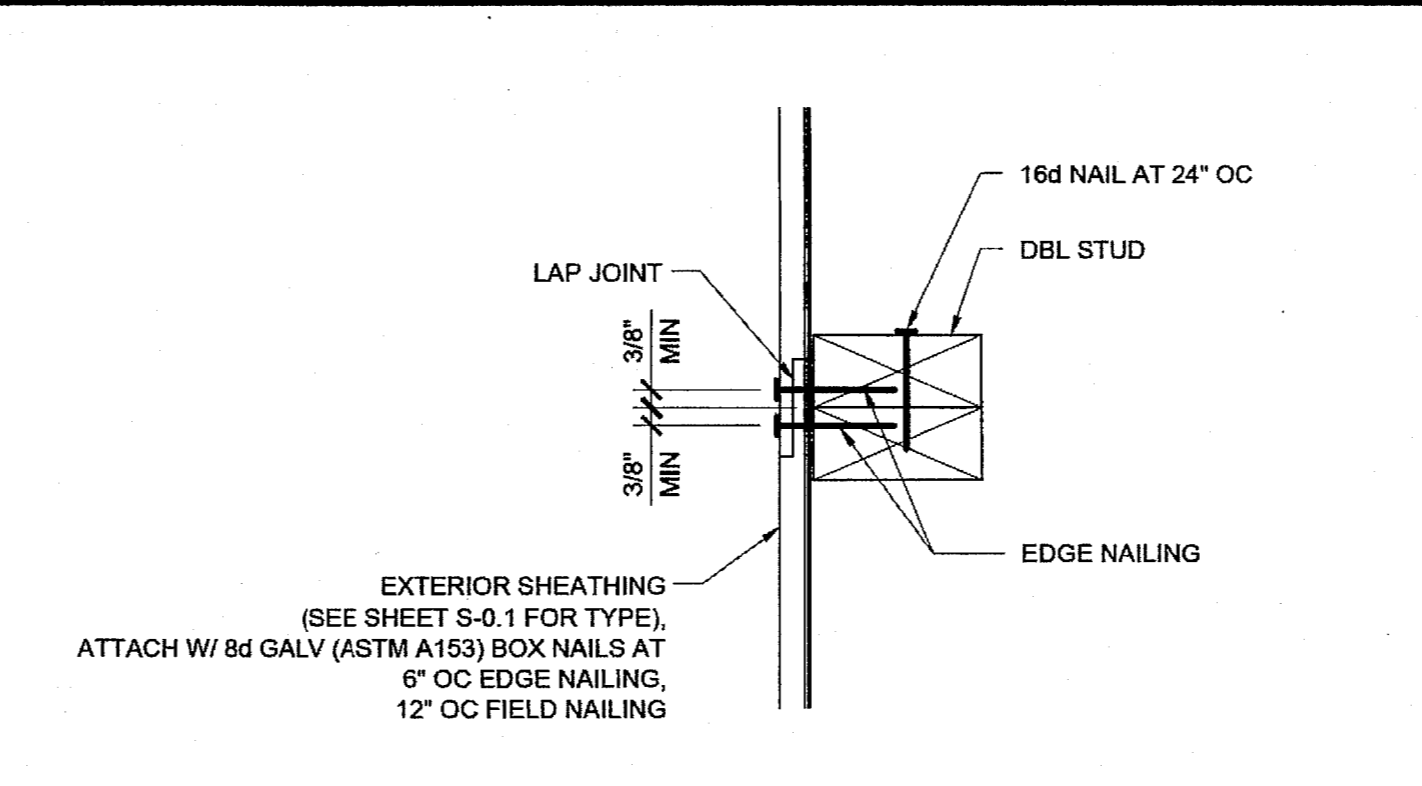
P.C. SHEET NUMBER
S-5.00



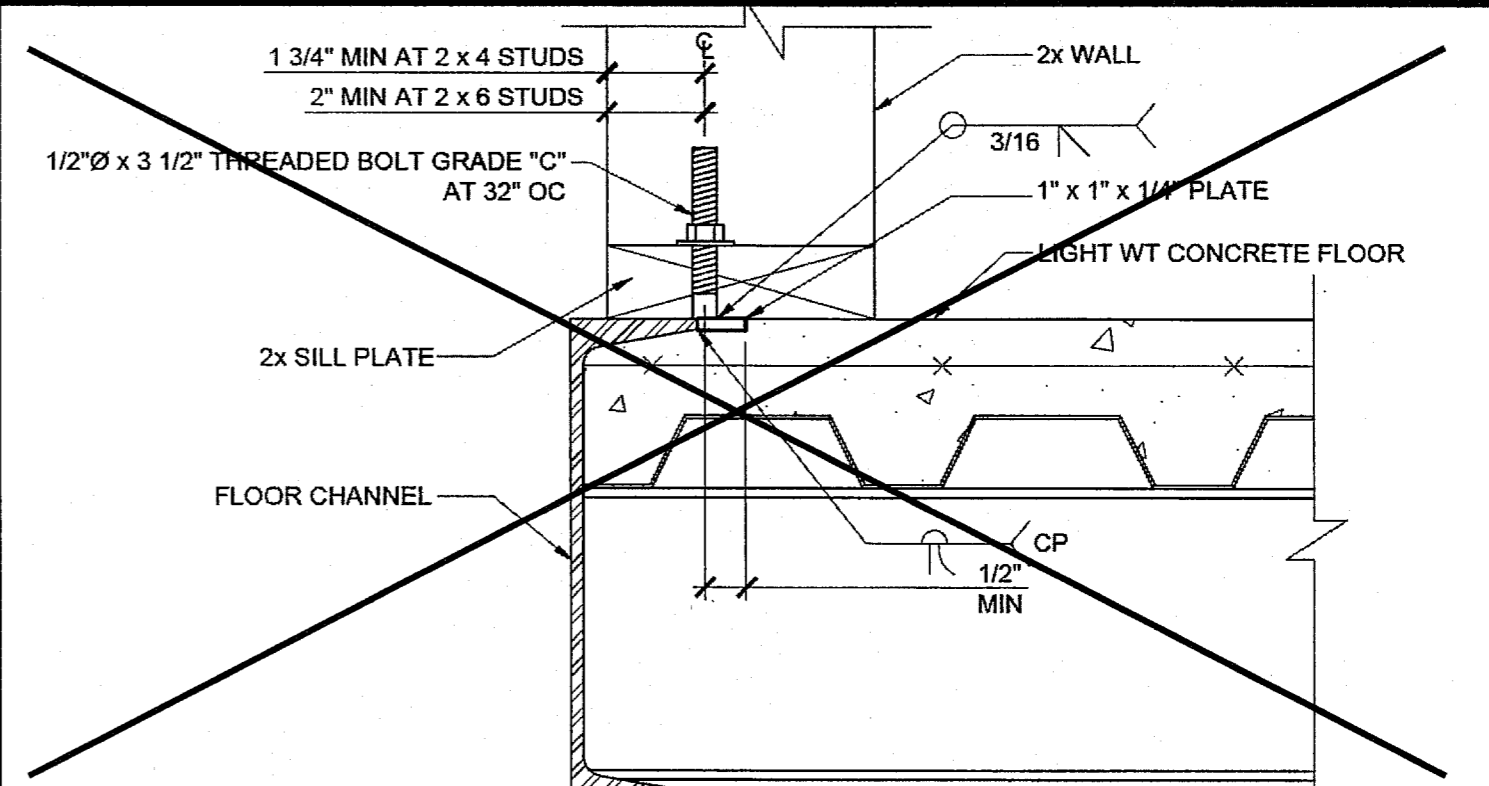
PARTITION CONNECTION AT CONC FLOOR SCALE: 3\"/>



PARTITION CONNECTION AT WOOD FLOOR SCALE: 3\"/>



VERTICAL SHEATHING LAP JOINT SCALE: 3\"/>



OPTIONAL BOLTED WALL TO FLOOR SCALE: NTS 1

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SILVER CREEK INDUSTRIES, INC. "BUILDING FOR THE NEXT GENERATION"

SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME: **24x40 STOCKPILE OFFICE BUILDING**

SHEET TITLE: **WALL FRAMING DETAILS WOOD STUDS**

STAVARES ASSOCIATES
REGISTERED ARCHITECT
STATE OF CALIFORNIA
C-33497
RENEWED 01-31-2017

PROFESSIONAL ENGINEER
D.D. FRIEDL
No. S33590
RENEWED 06/15/15

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS SS RMP
DATE MAY 18 2017

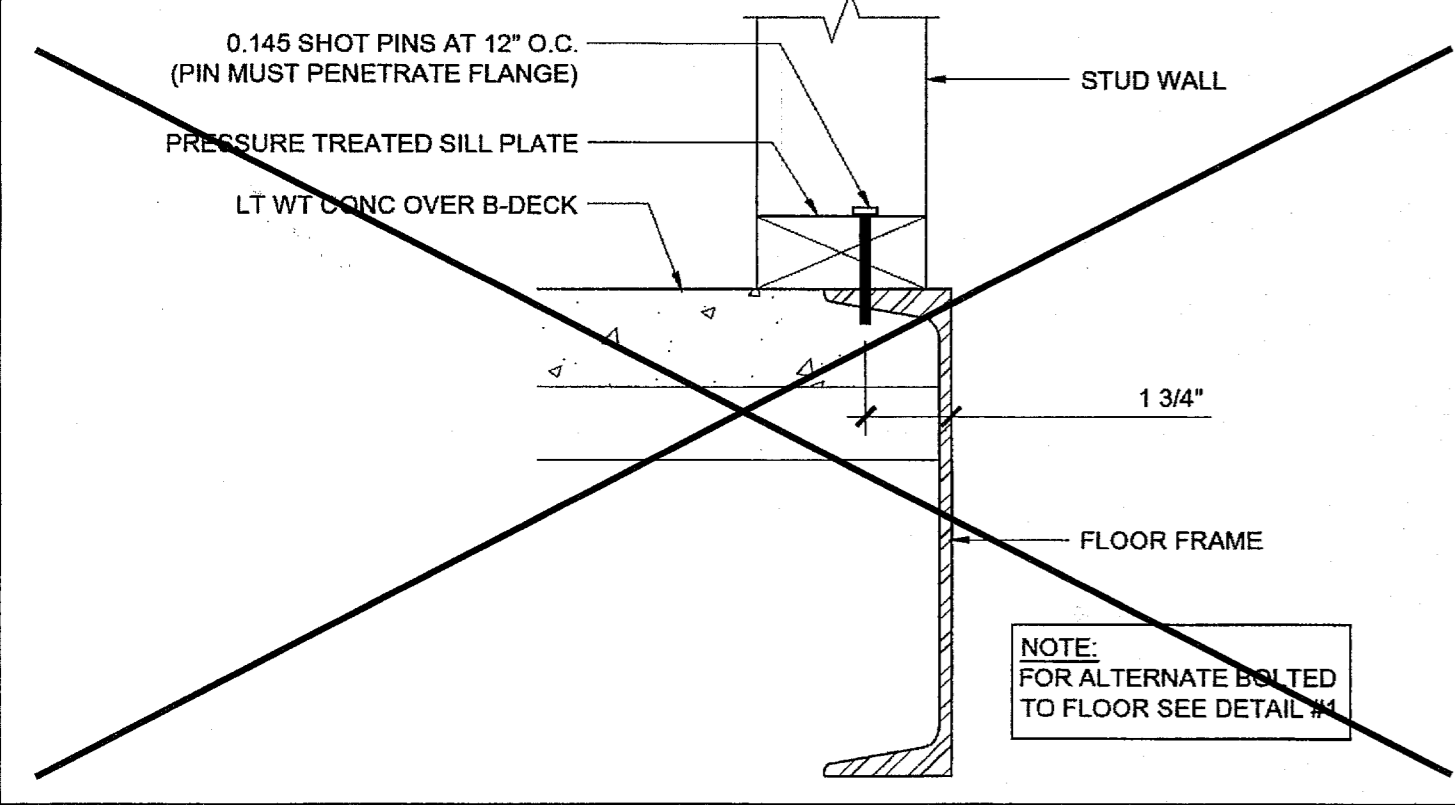
ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
AC FLS SS RMP
DATE AUG 4 2015

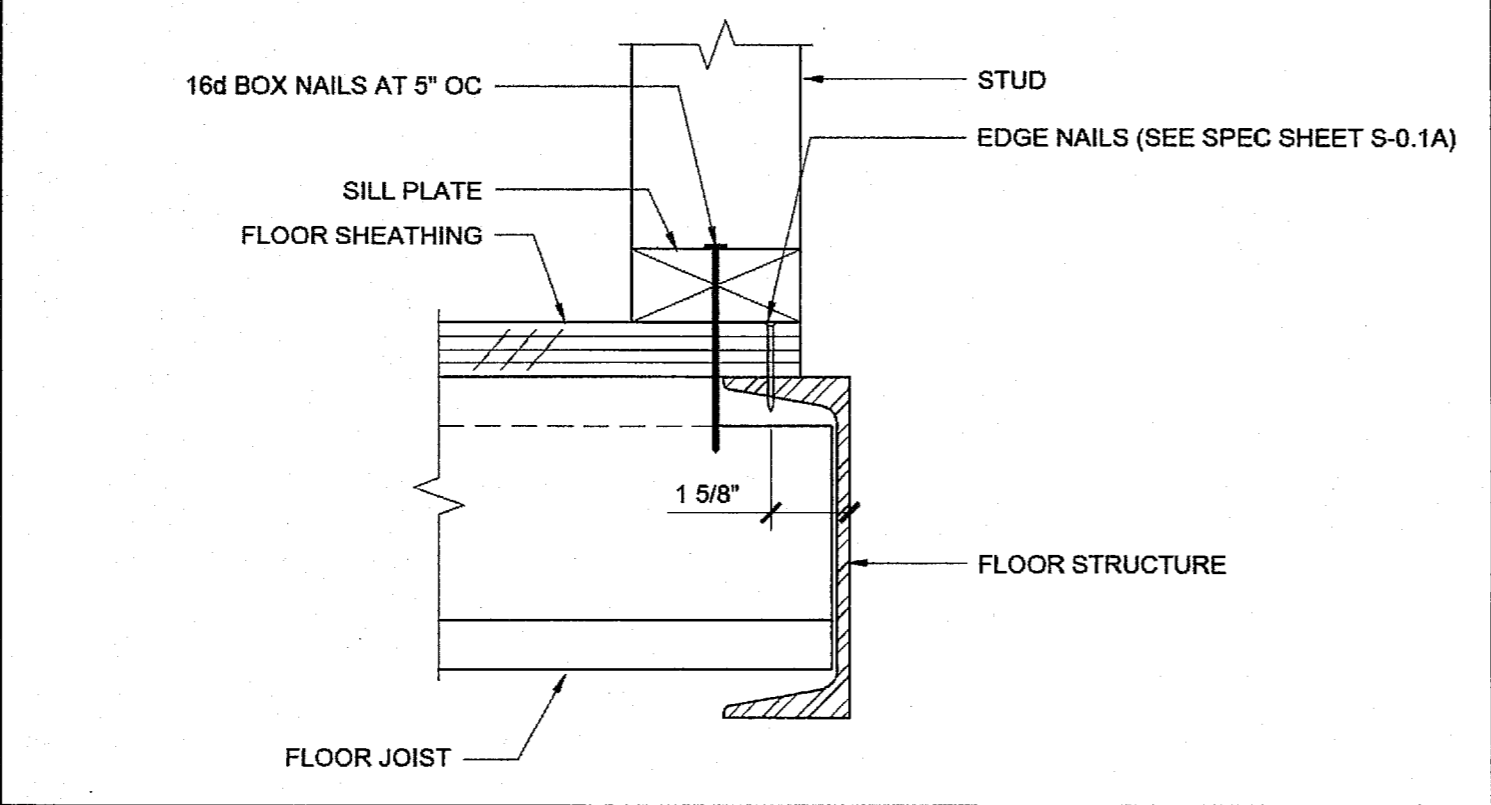
REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

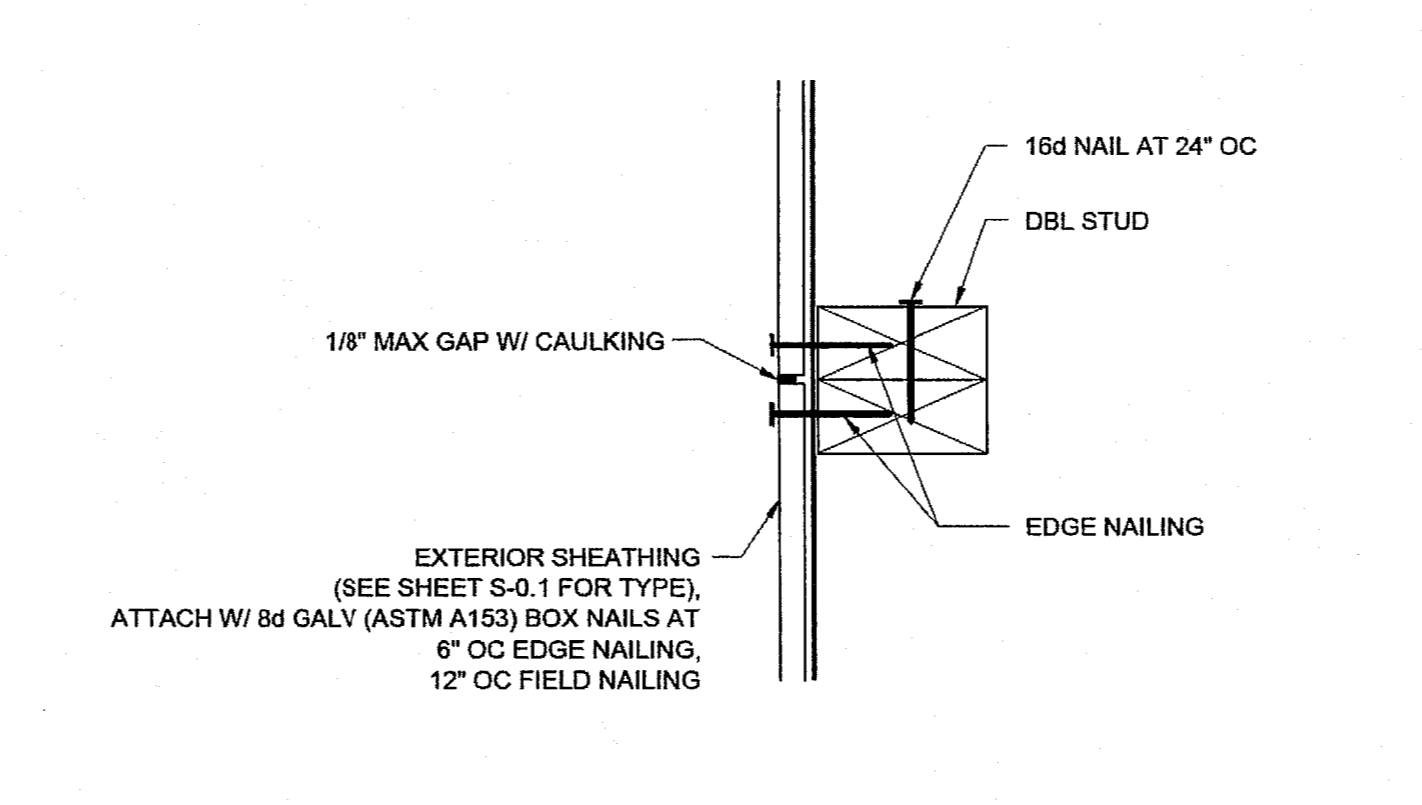
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DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15
P.C. SHEET NUMBER



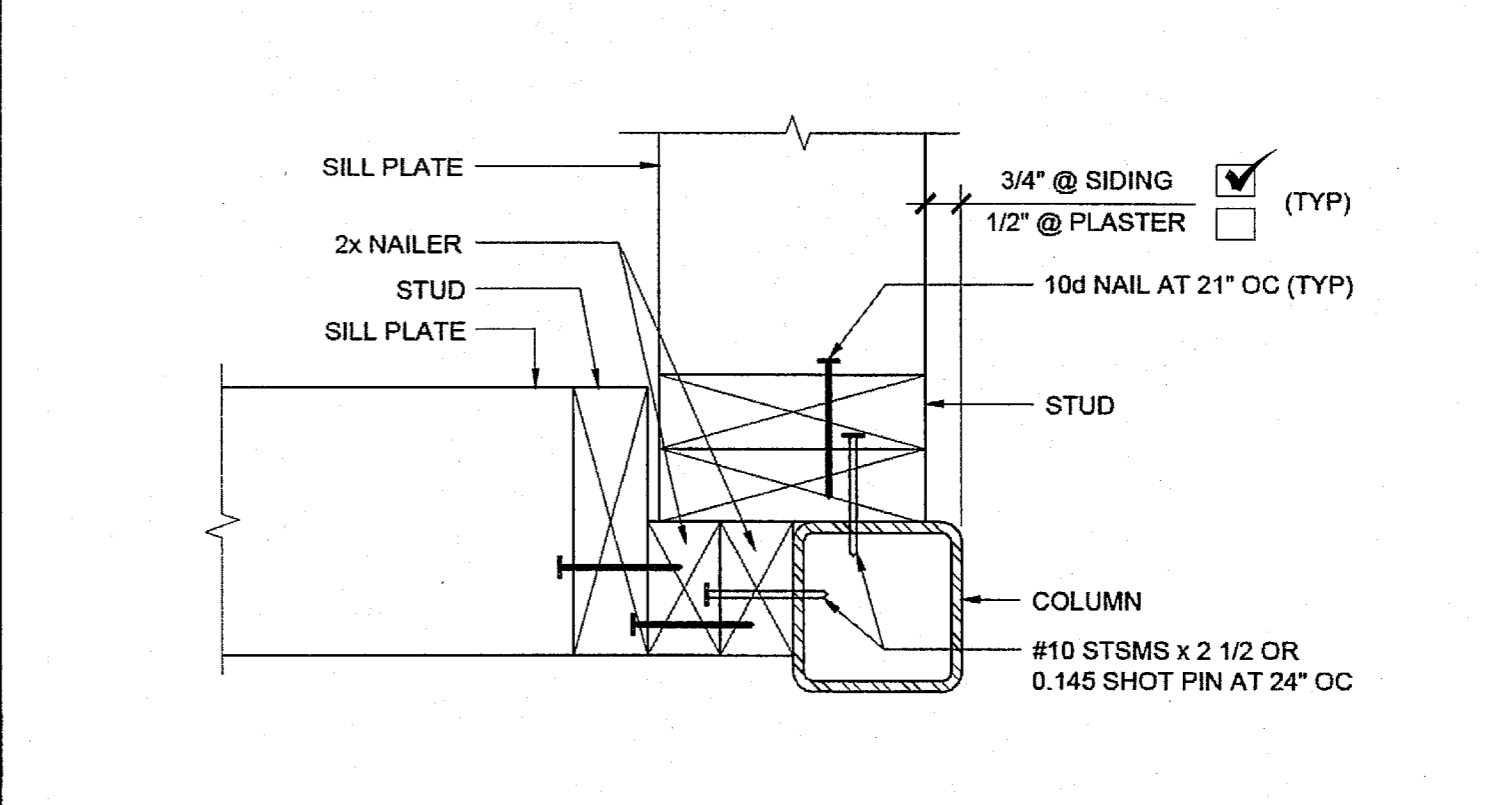
WALL SILL AT CONCRETE FLOOR SCALE: 3\"/>



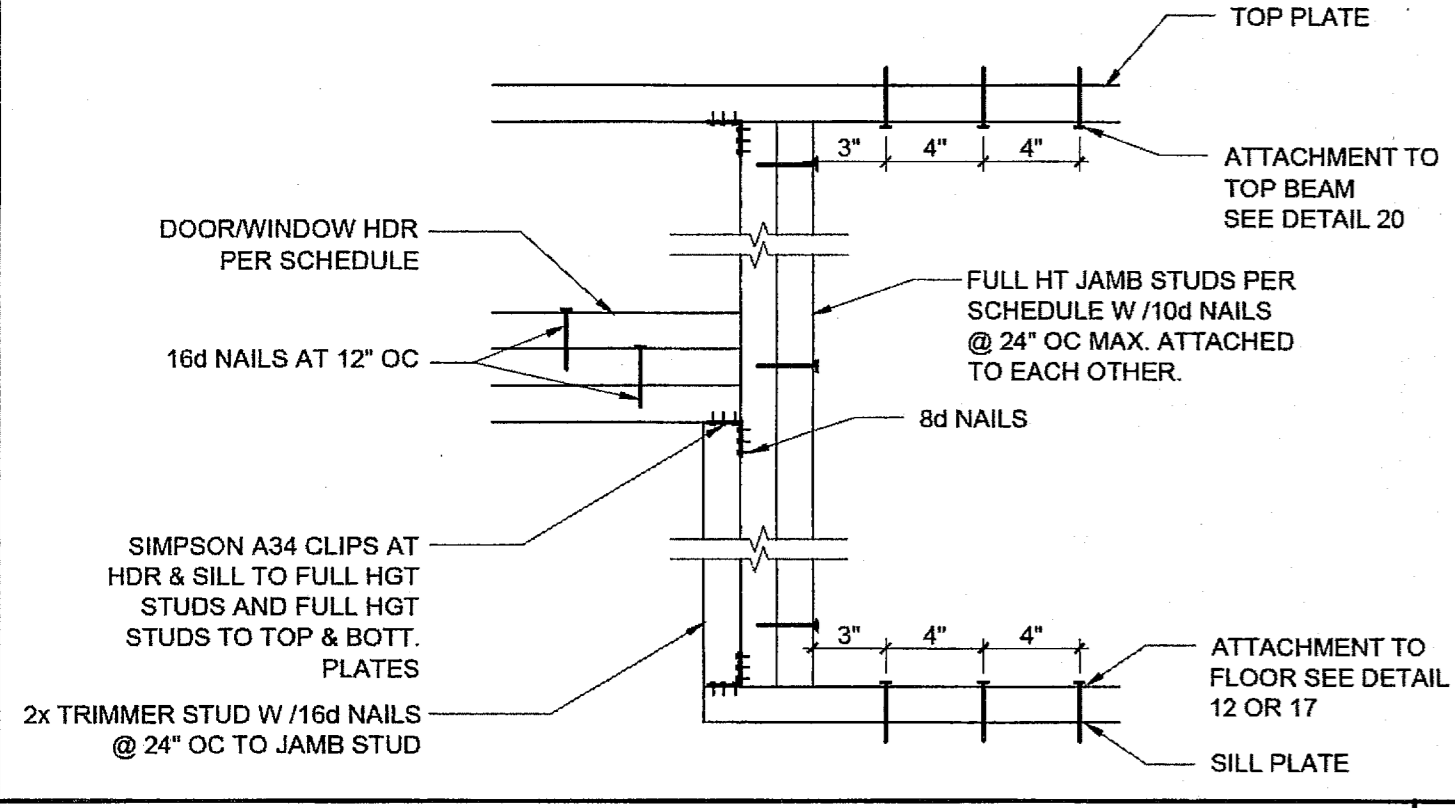
WALL SILL AT WOOD FLOOR SCALE: 3\"/>



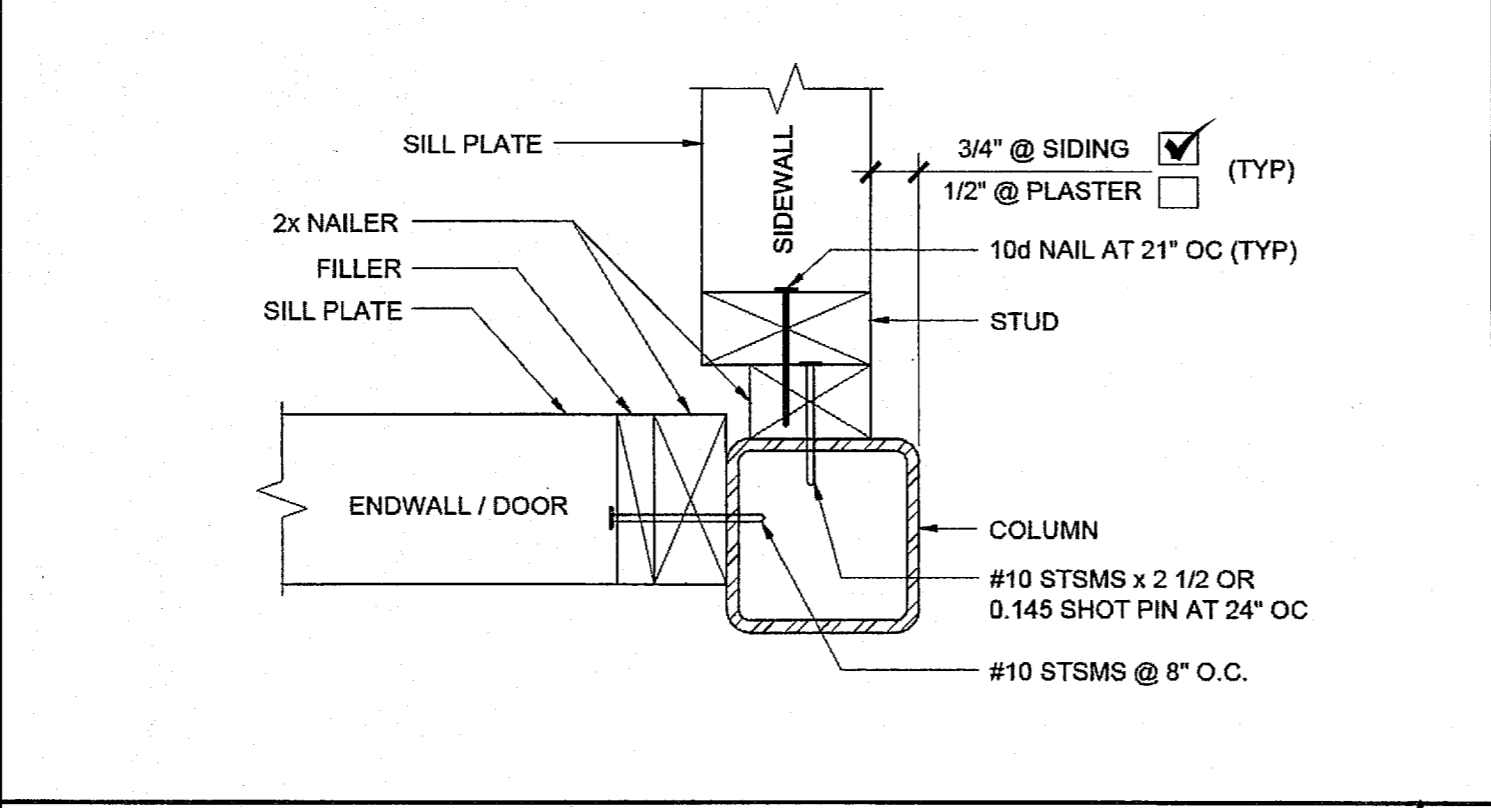
VERTICAL SHEATHING BUTT JOINT SCALE: 3\"/>



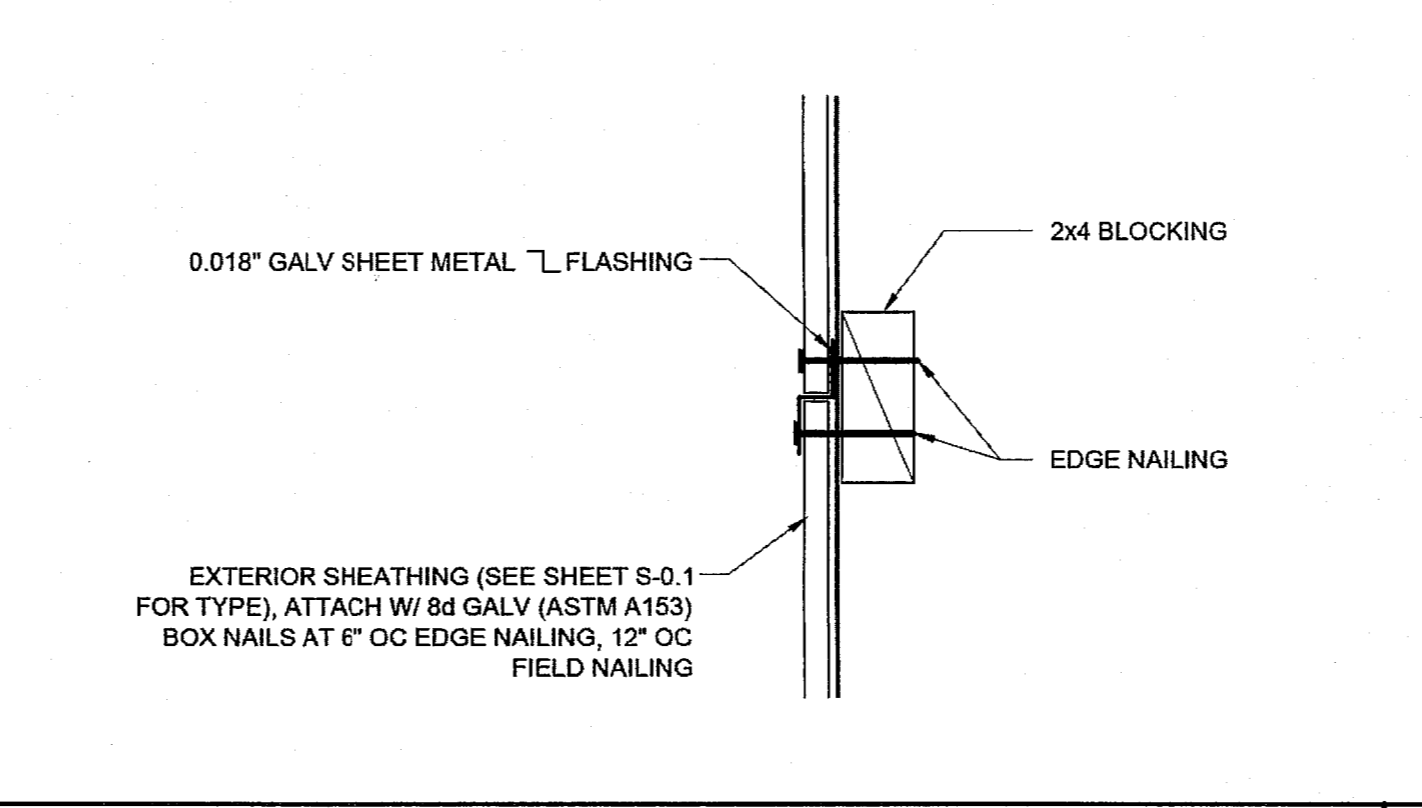
COLUMN AT ENDWALL (2x4) SCALE: 3\"/>



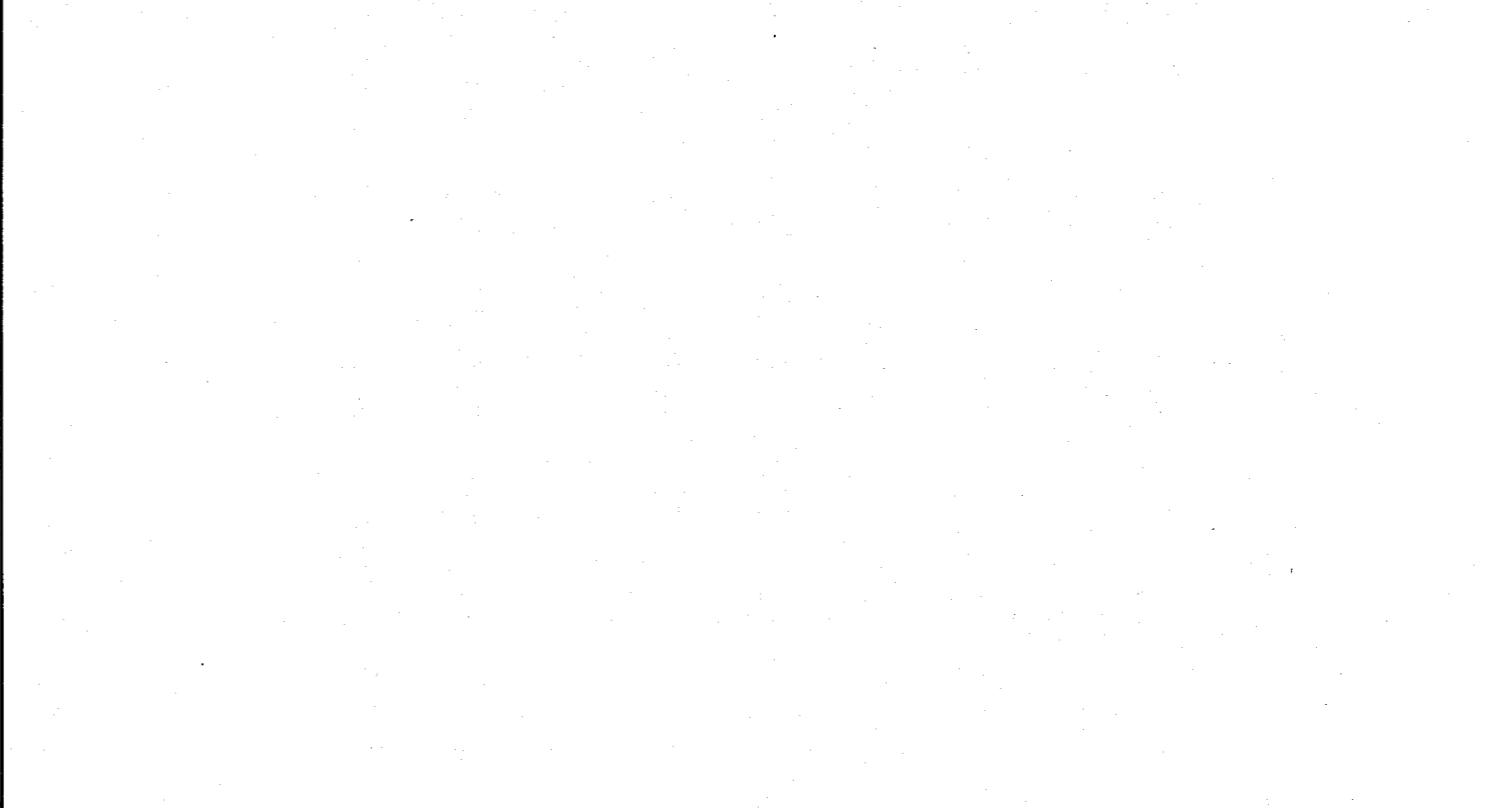
DOOR/WINDOW HEADER AND JAMB SCALE: 1 1/2\"/>



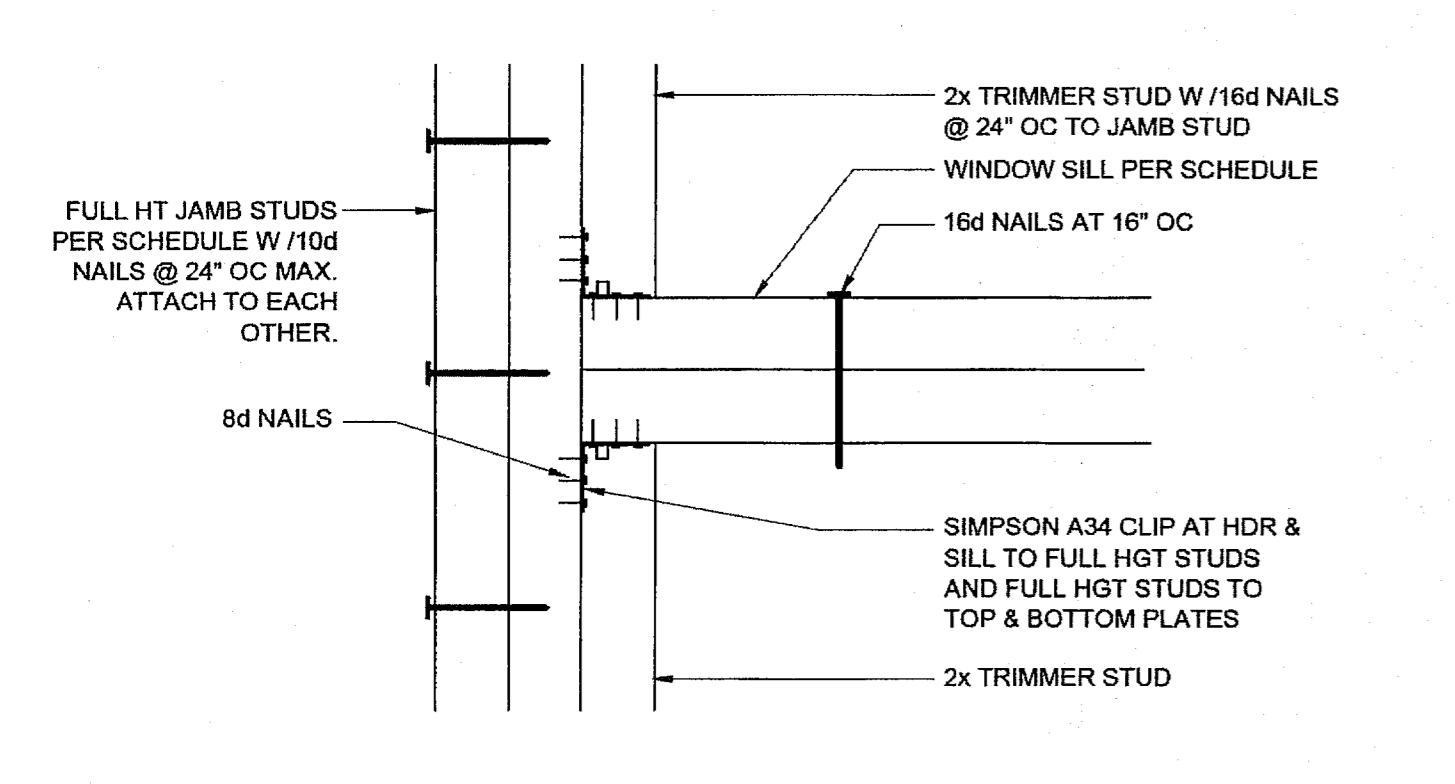
COLUMN AT ENDWALL (2x4) SCALE: 3\"/>



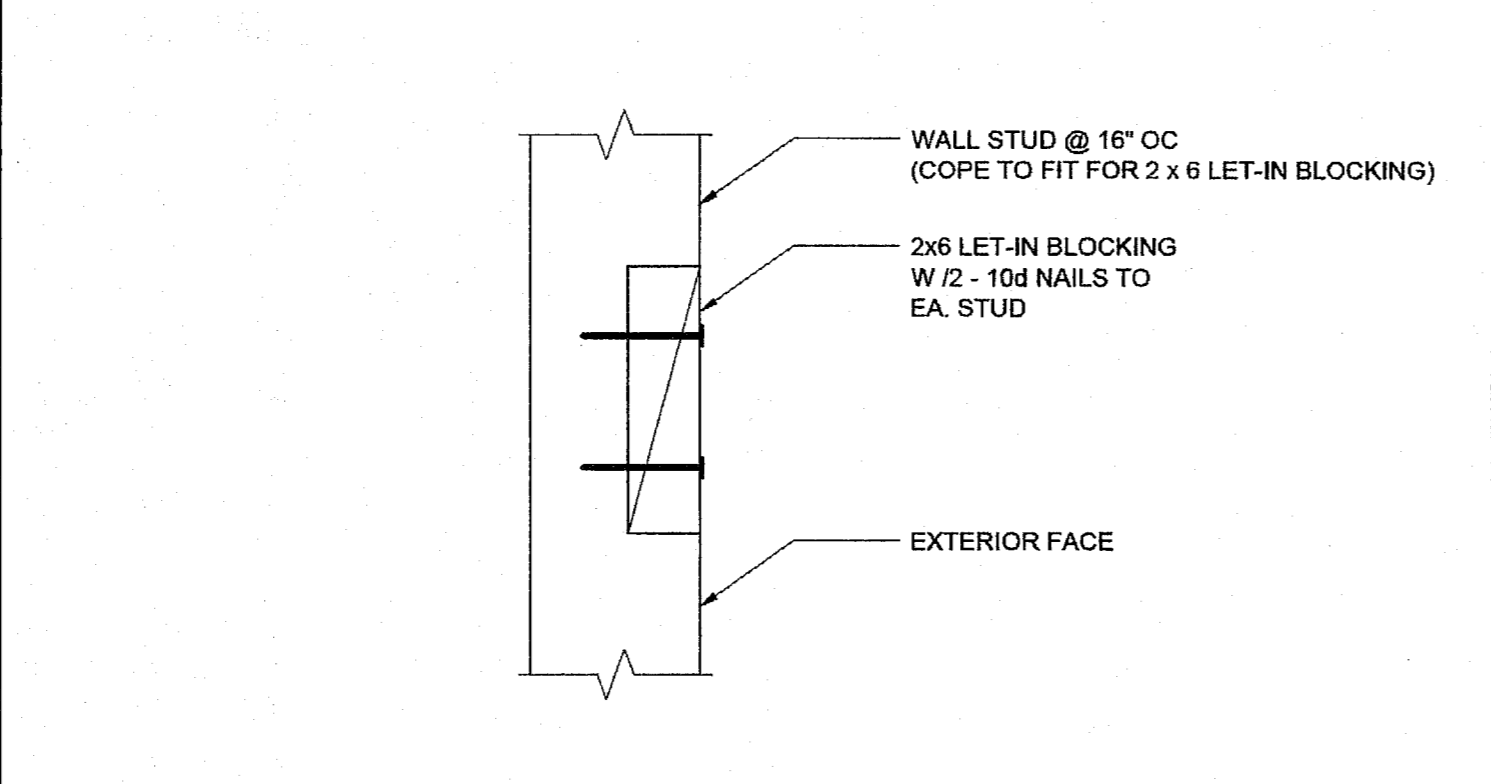
HORIZONTAL SHEATHING JOINT SCALE: 3\"/>



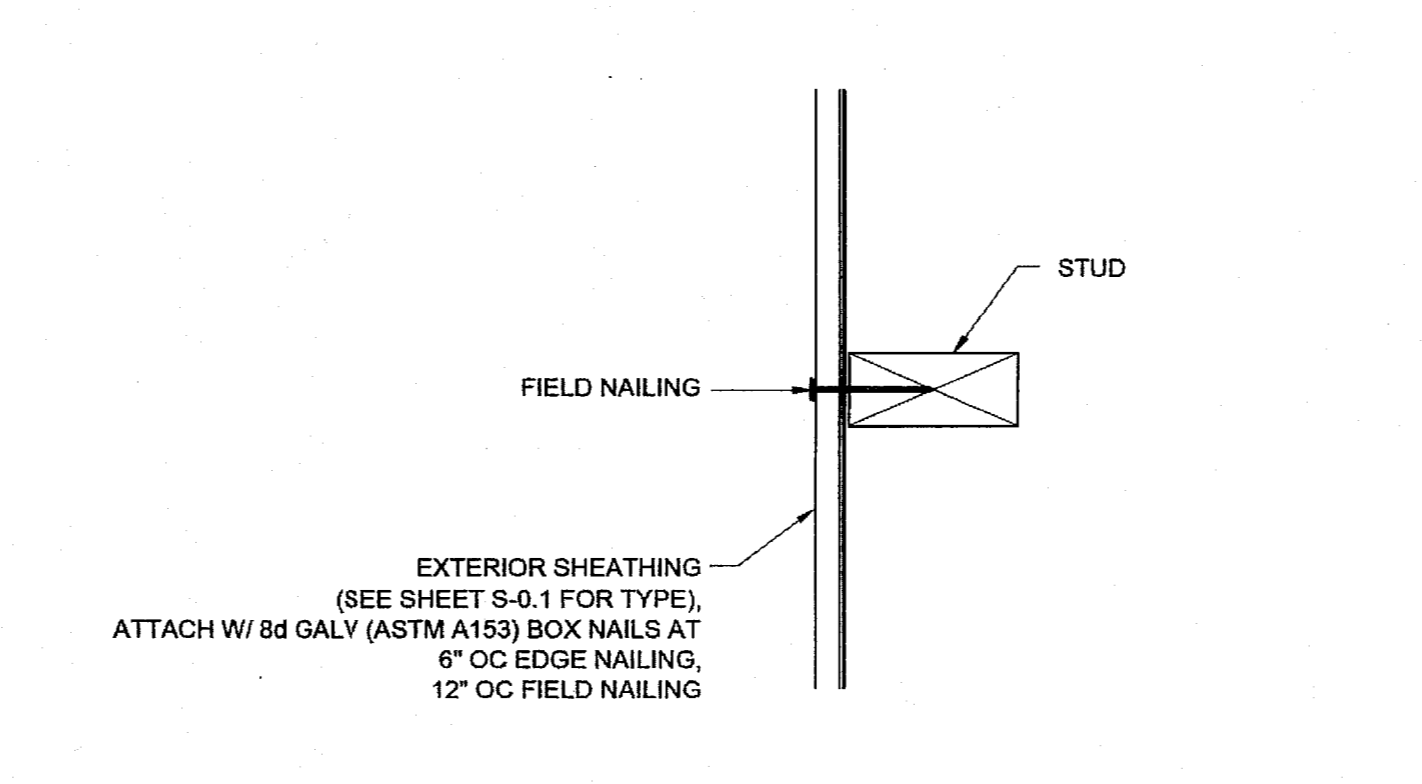
SECTION AT SHEATHING TO STUD ATTACHMENT SCALE: 3\"/>



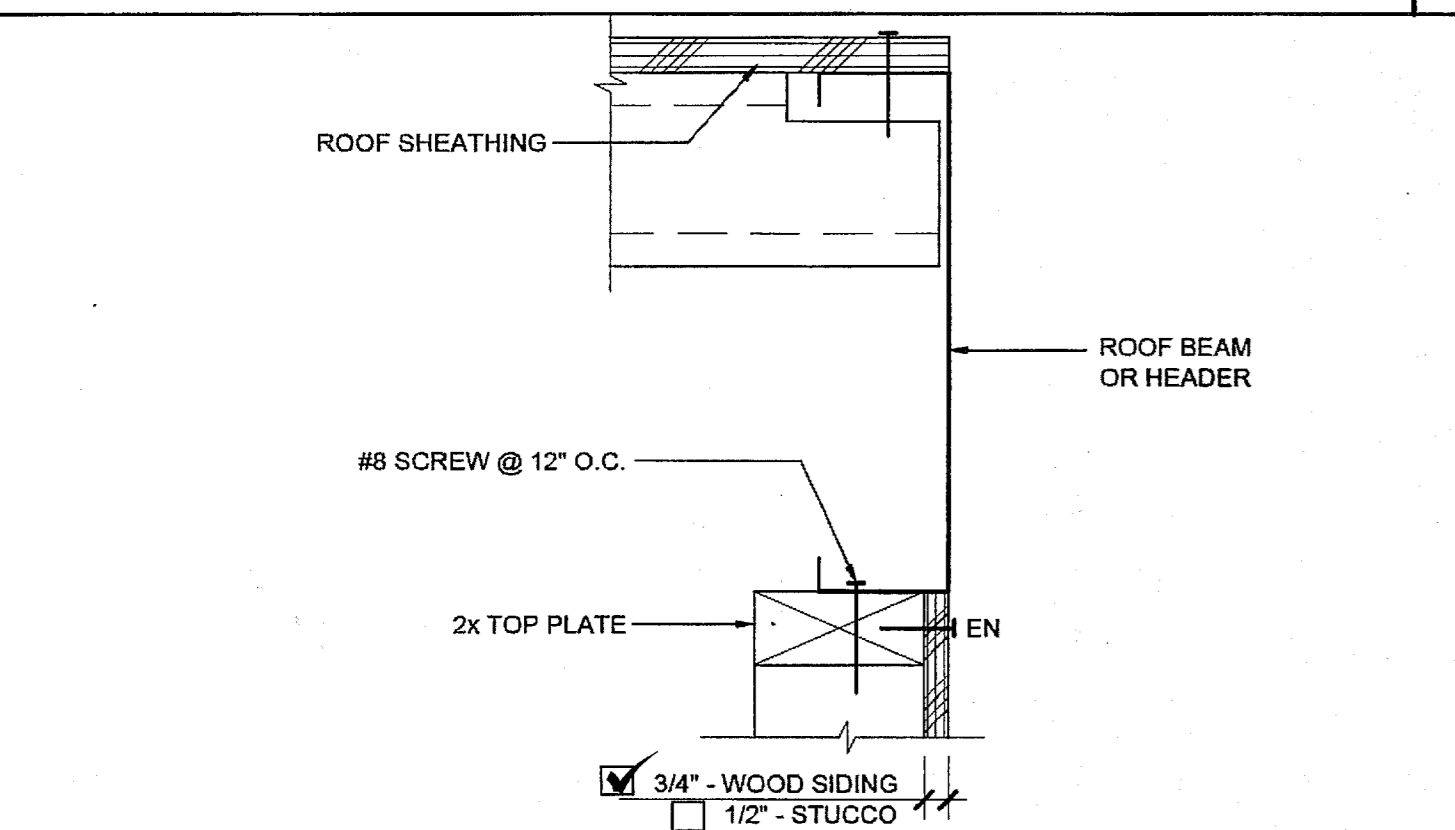
WINDOW SILL AND JAMB SCALE: 3\"/>



LET-IN BLOCK ATTACHMENT SCALE: 3\"/>



SECTION AT SHEATHING TO STUD ATTACHMENT SCALE: 3\"/>

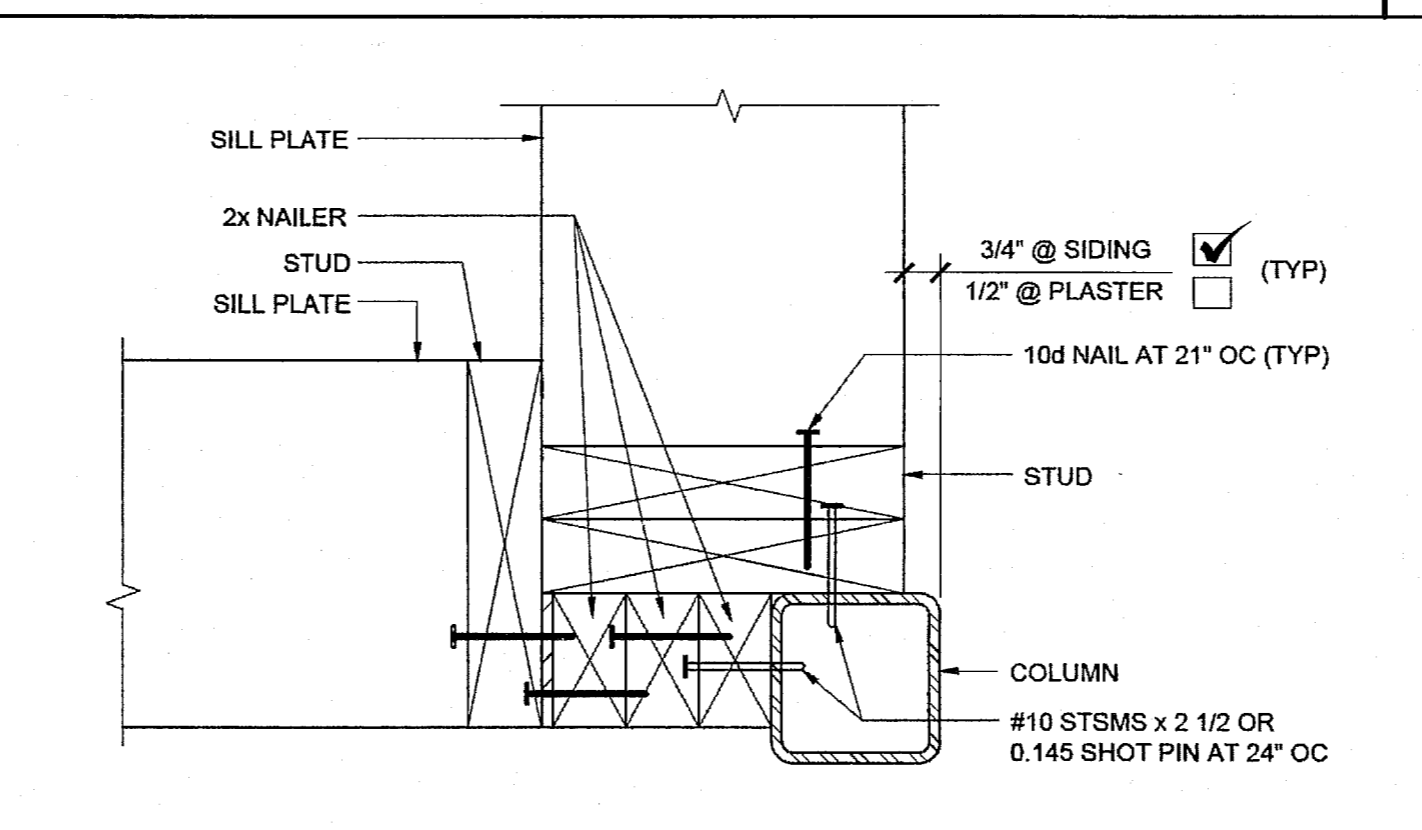


TOP PLATE AT ROOF BEAM SCALE: 3\"/>

ROUGH OPENING SCHEDULE

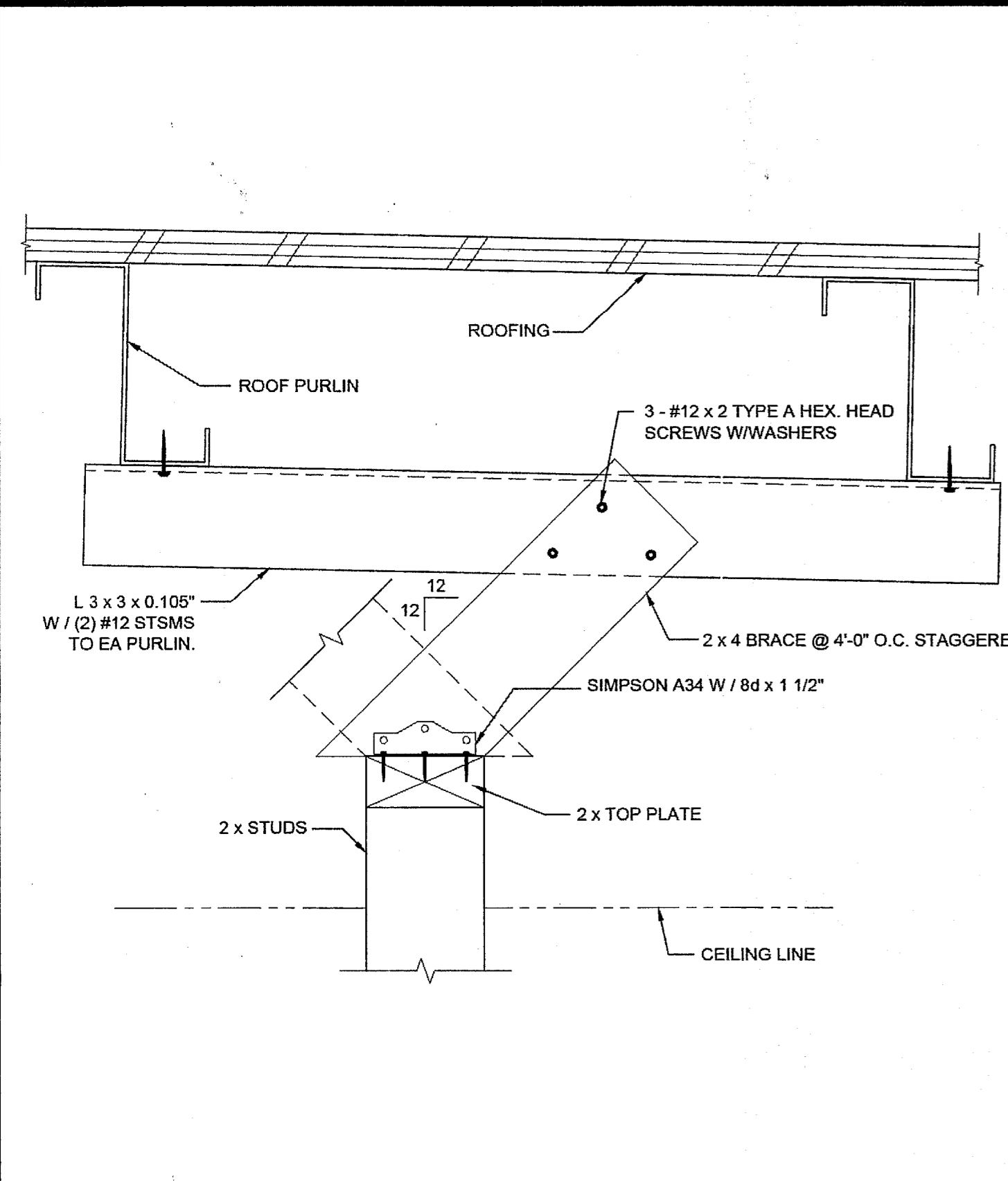
DOOR	WINDOW	STANDARD	WELDED FRAME
2070	26"	85"	28 1/4" 86 1/4"
3070	38"	85"	40 1/4" 86 1/4"
4070	50"	85"	52 1/4" 86 1/4"
6070	74"	85"	76 1/4" 86 1/4"
4040	47 3/4"	47 5/8"	52 1/4" 52 1/4"
6040	71 3/4"	47 5/8"	76 1/4" 52 1/4"
8040	95 3/4"	47 5/8"	100 1/4" 52 1/4"
6020	71 3/4"	23 5/8"	76 1/4" 28 1/4"
8020	95 3/4"	23 5/8"	100 1/4" 28 1/4"

ROUGH OPENING SCHEDULE SCALE: 3\"/>

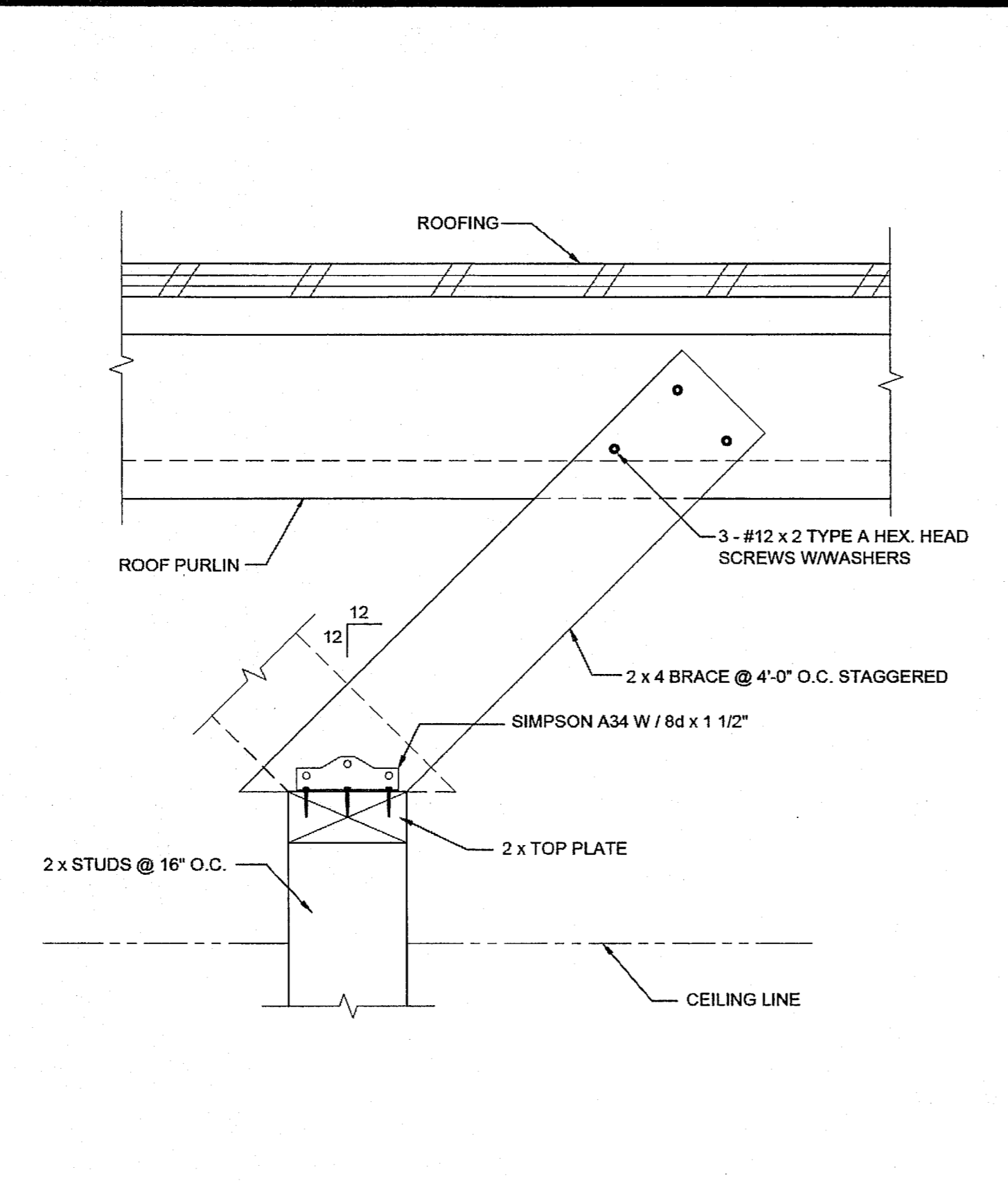


COLUMN AT ENDWALL (2x8) SCALE: 3\"/>

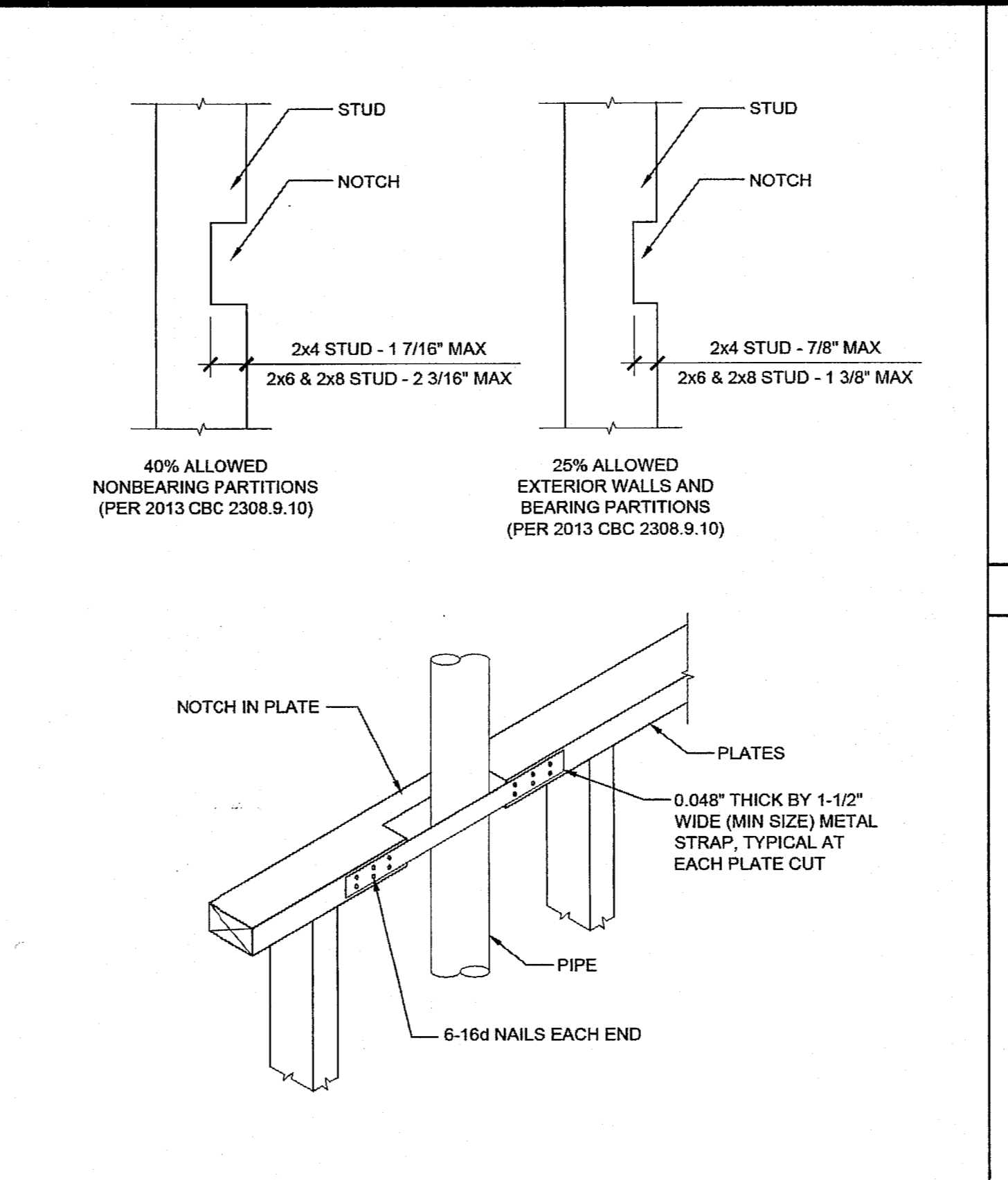
S-5.10



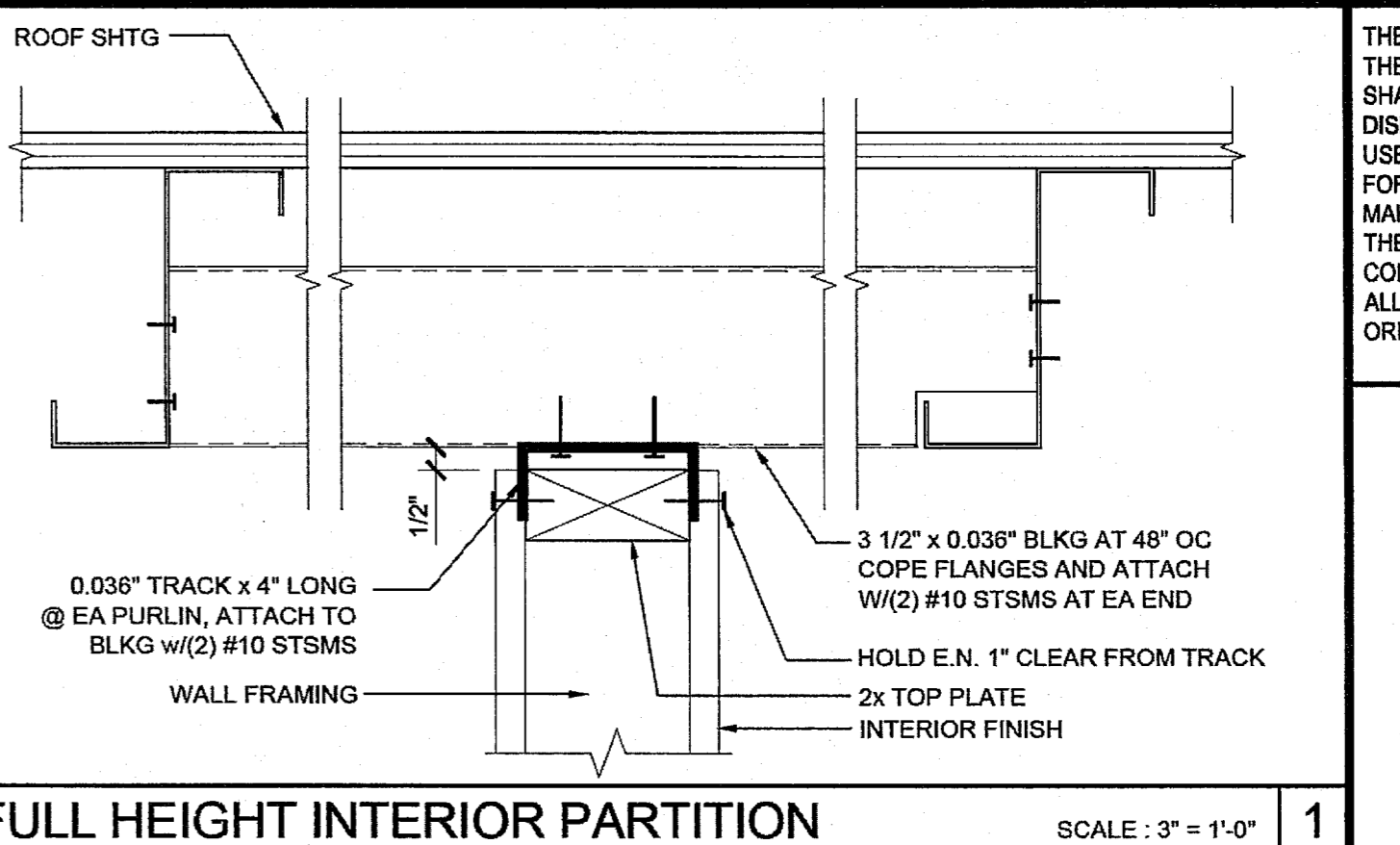
INTERIOR PARTITION SCALE: 3" = 1'-0" 14



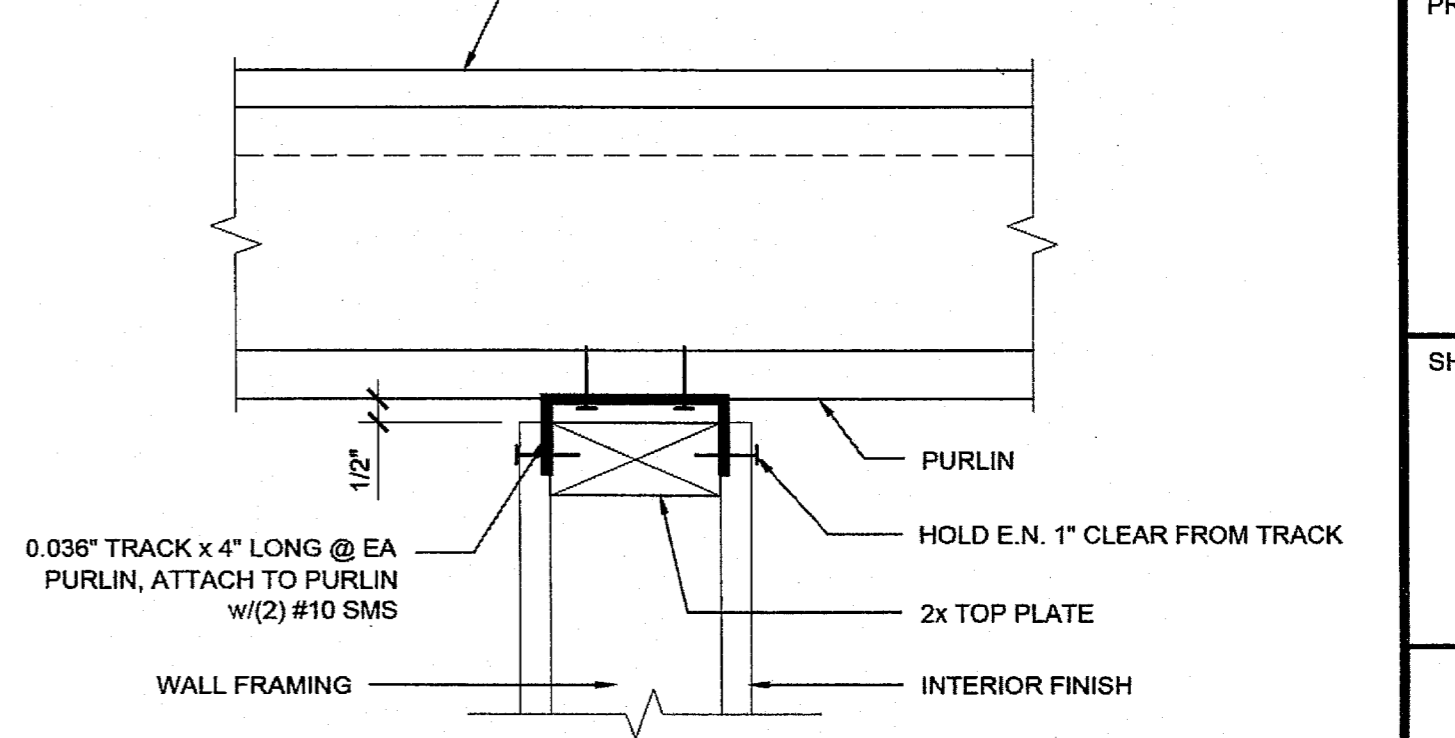
INTERIOR PARTITION SCALE: 3" = 1'-0" 12



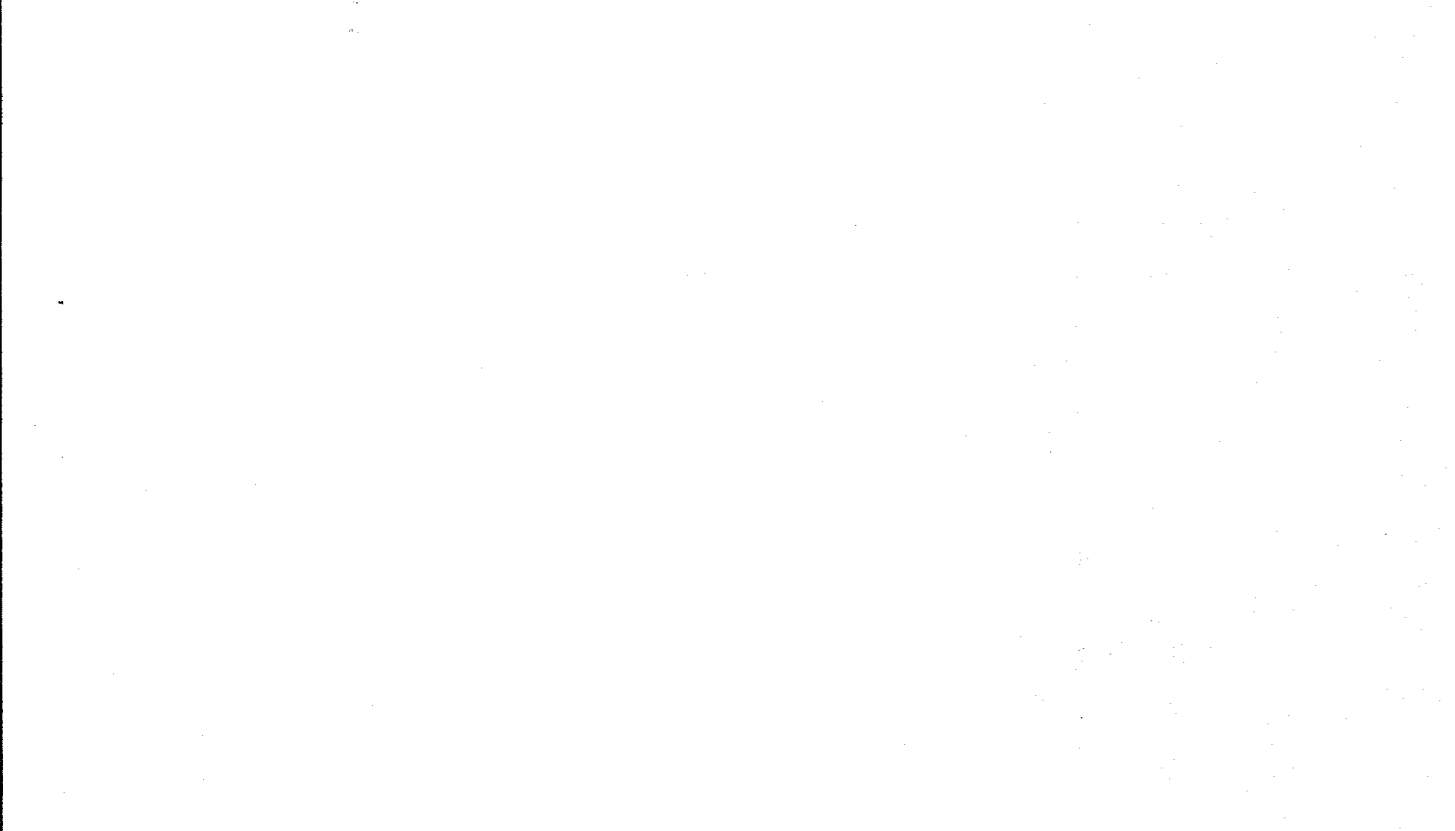
CUTTING AND NOTCHING SCALE: 1 1/2" = 1'-0" 7



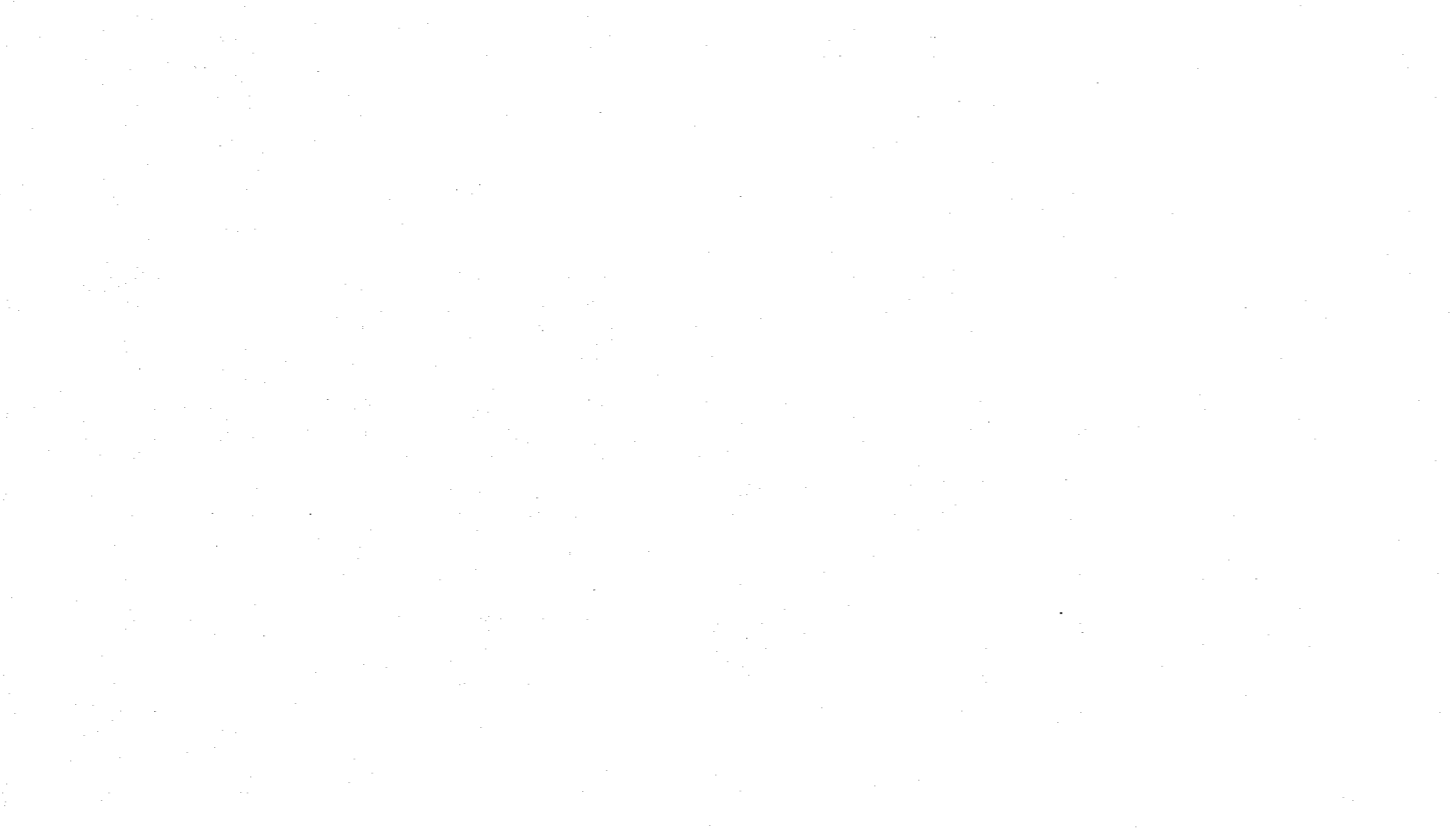
FULL HEIGHT INTERIOR PARTITION SCALE: 3" = 1'-0" 1



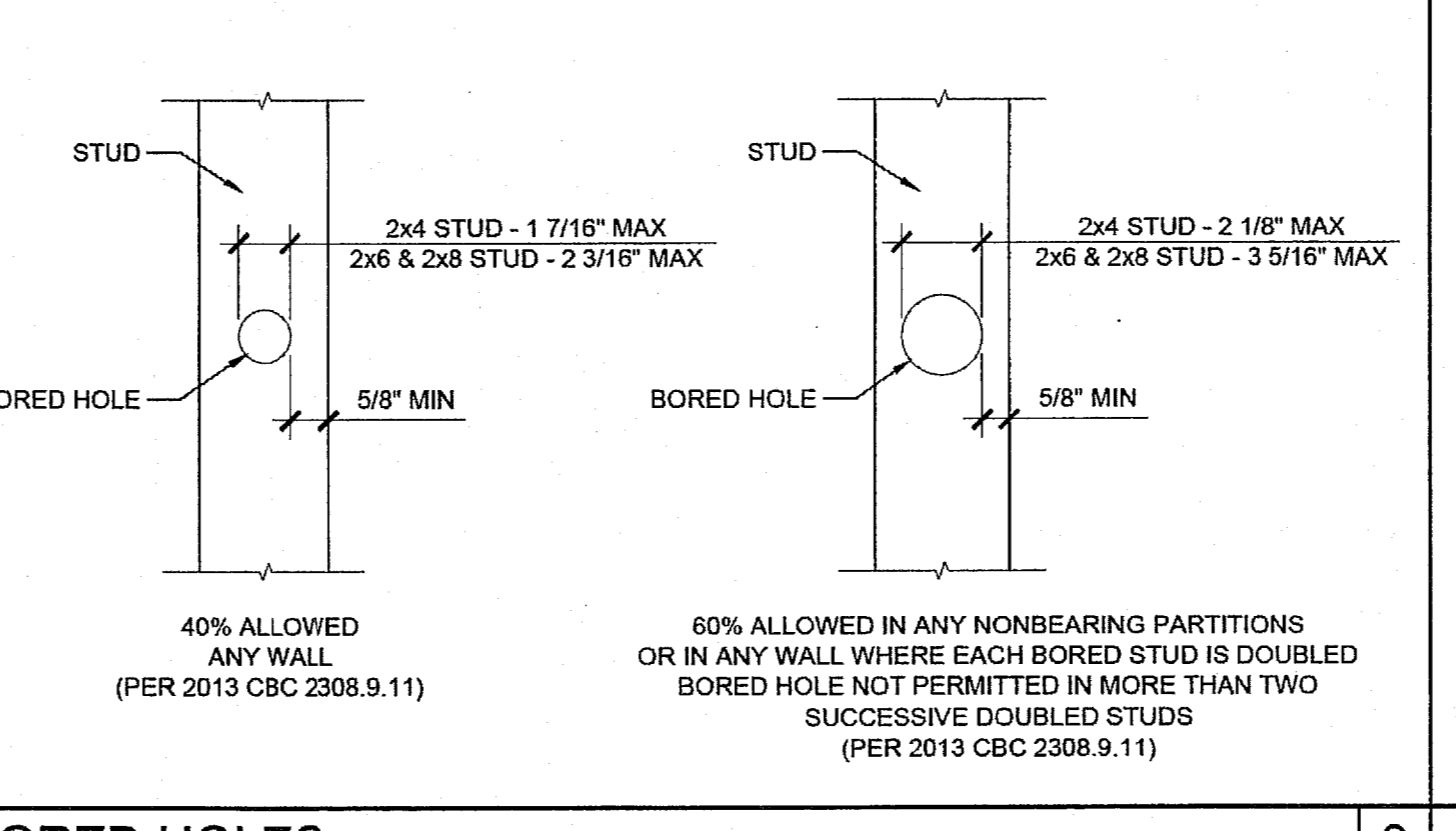
FULL HEIGHT INTERIOR PARTITION SCALE: 3" = 1'-0" 2



INTERIOR PARTITION WALL TO ROOF BEAM SCALE: 3" = 1'-0" 3



BORED HOLES SCALE: 1 1/2" = 1'-0" 8



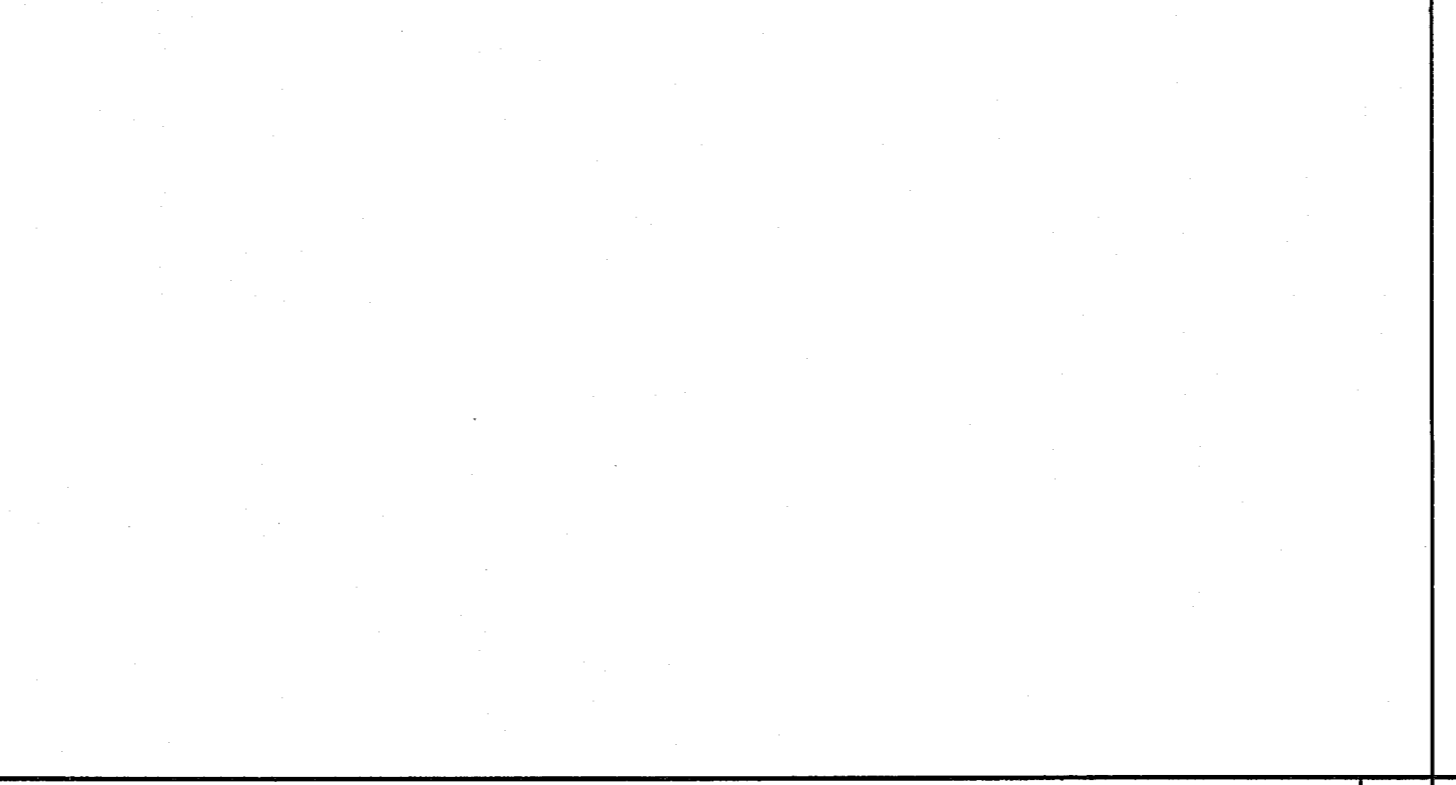
INTERIOR PARTITION WALL TO ROOF BEAM SCALE: 3" = 1'-0" 3



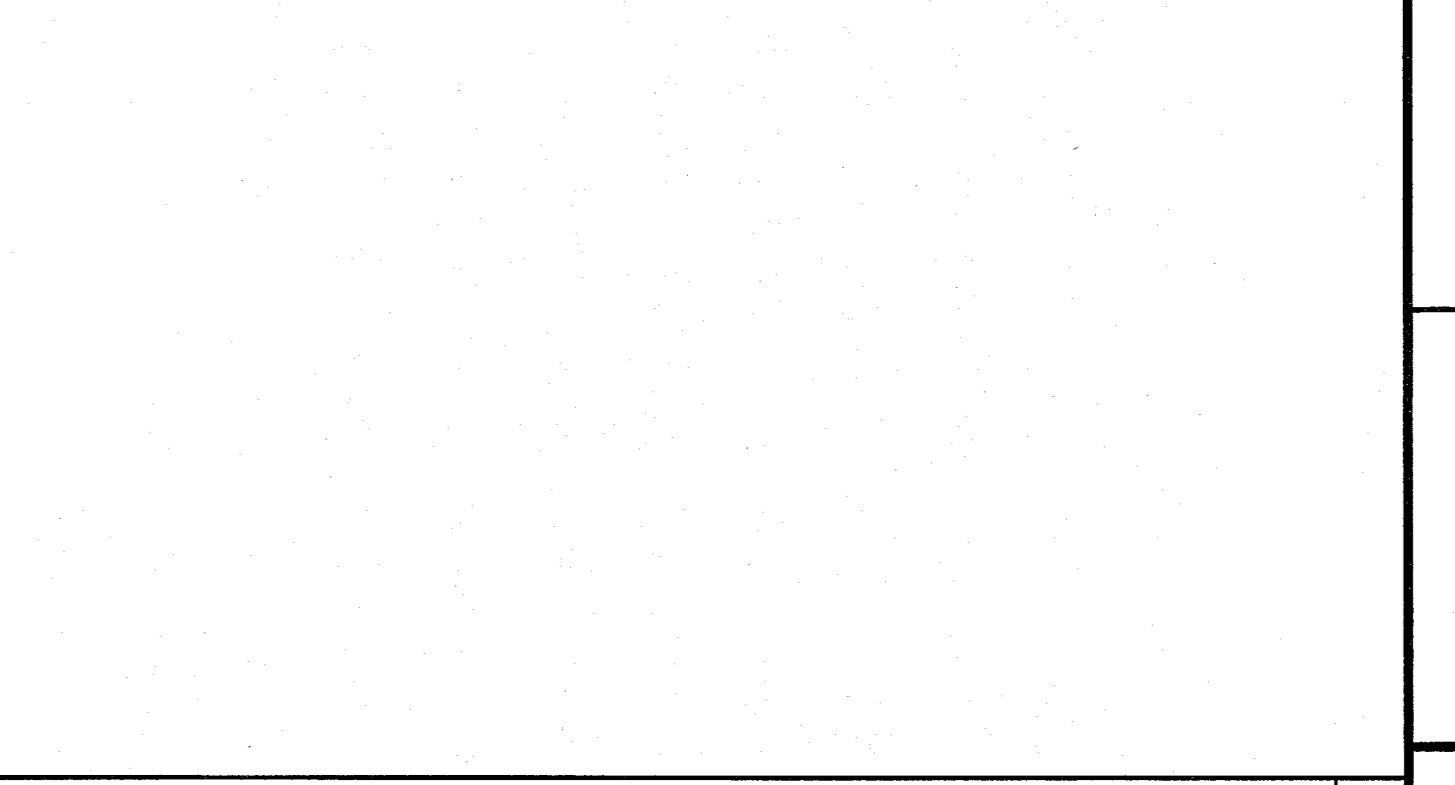
NOT USED 9



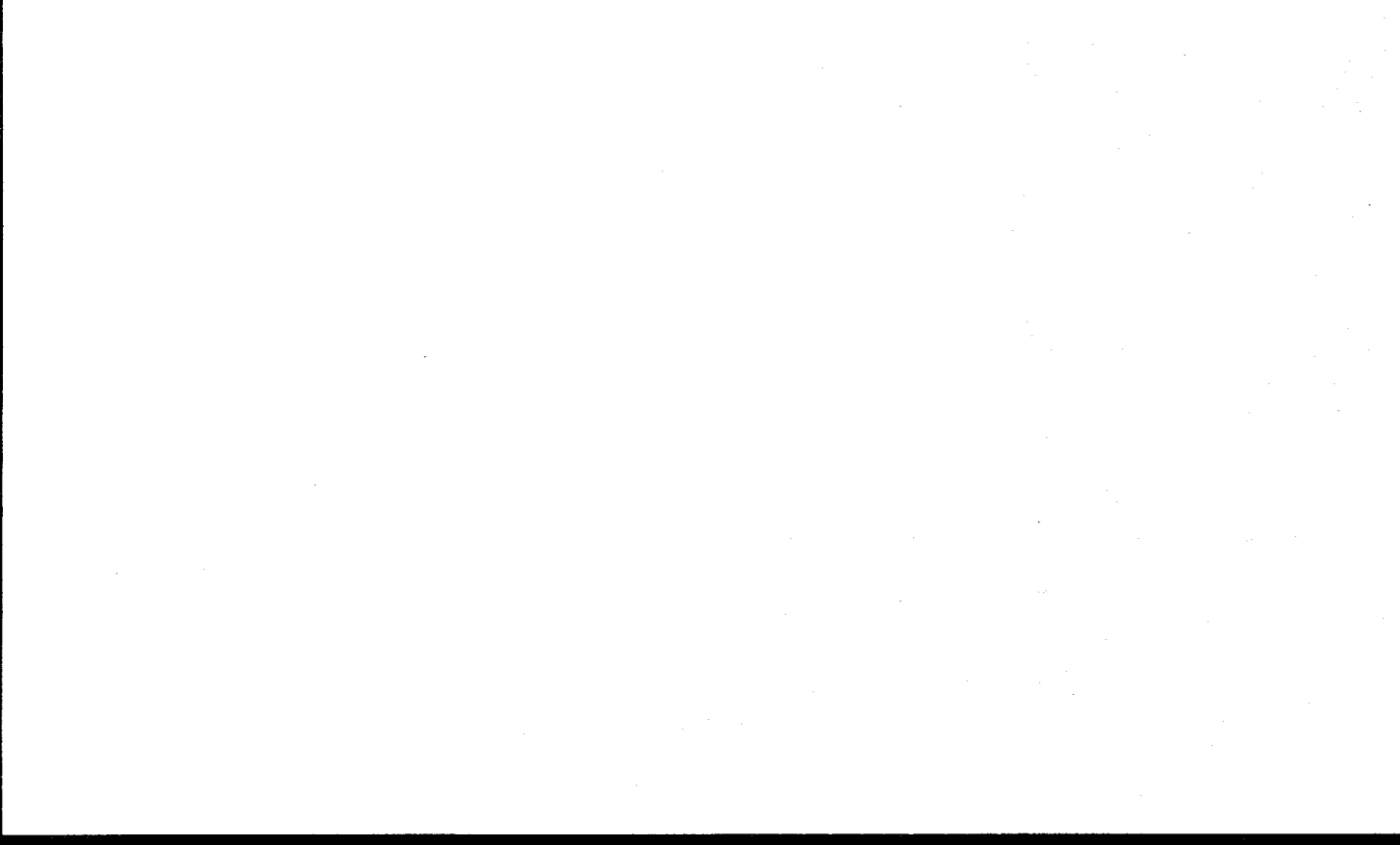
NOT USED 4



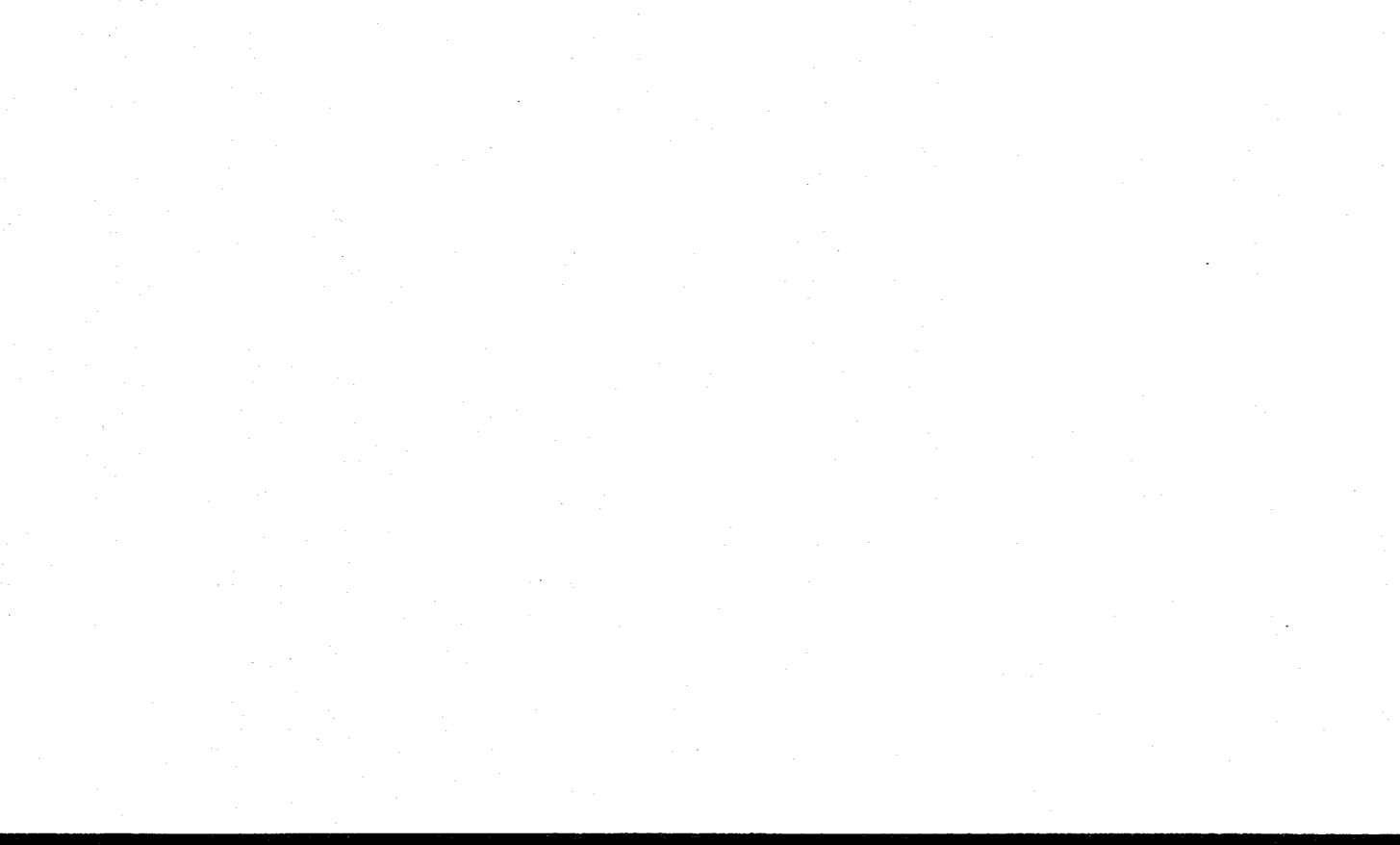
NOT USED 9



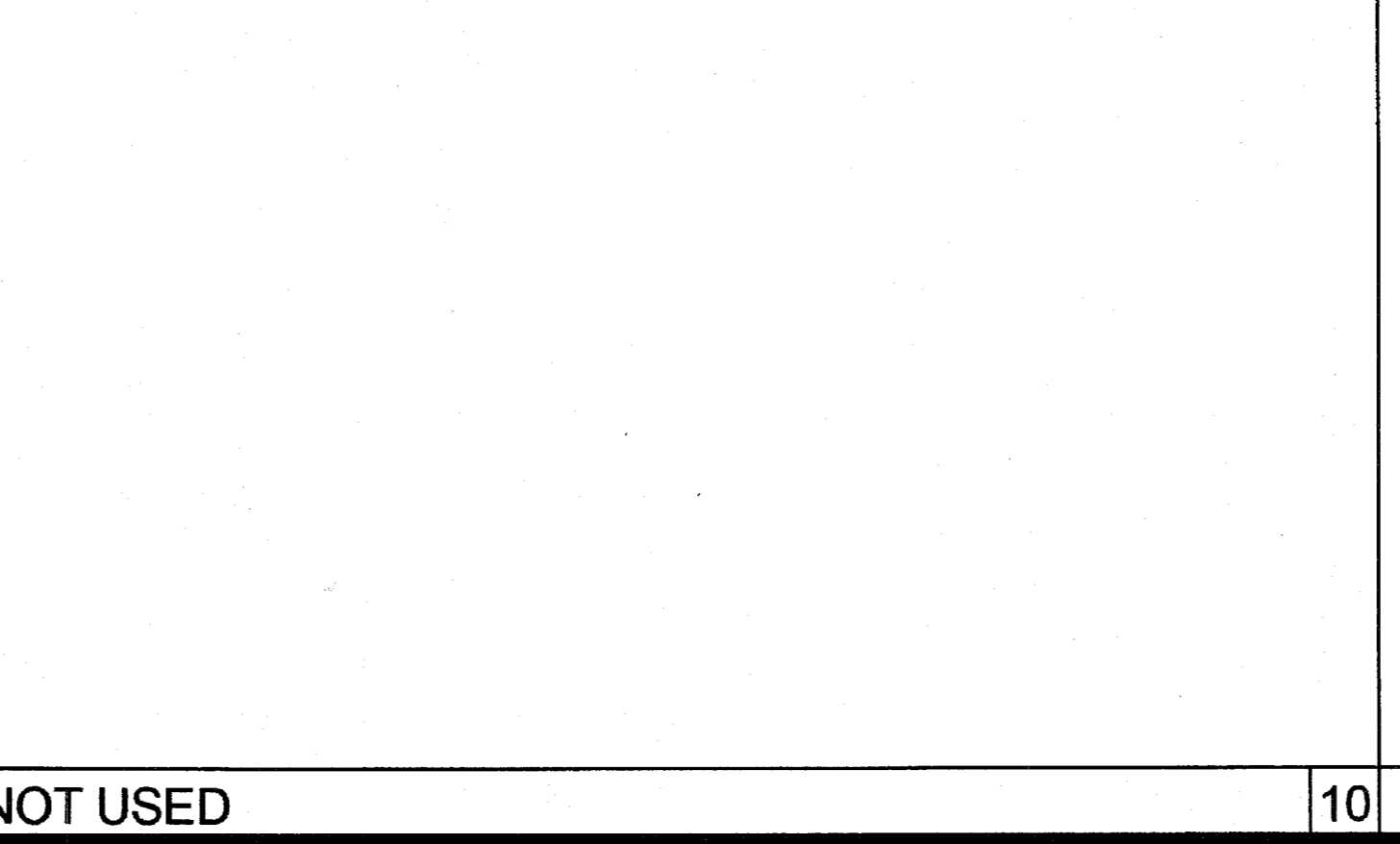
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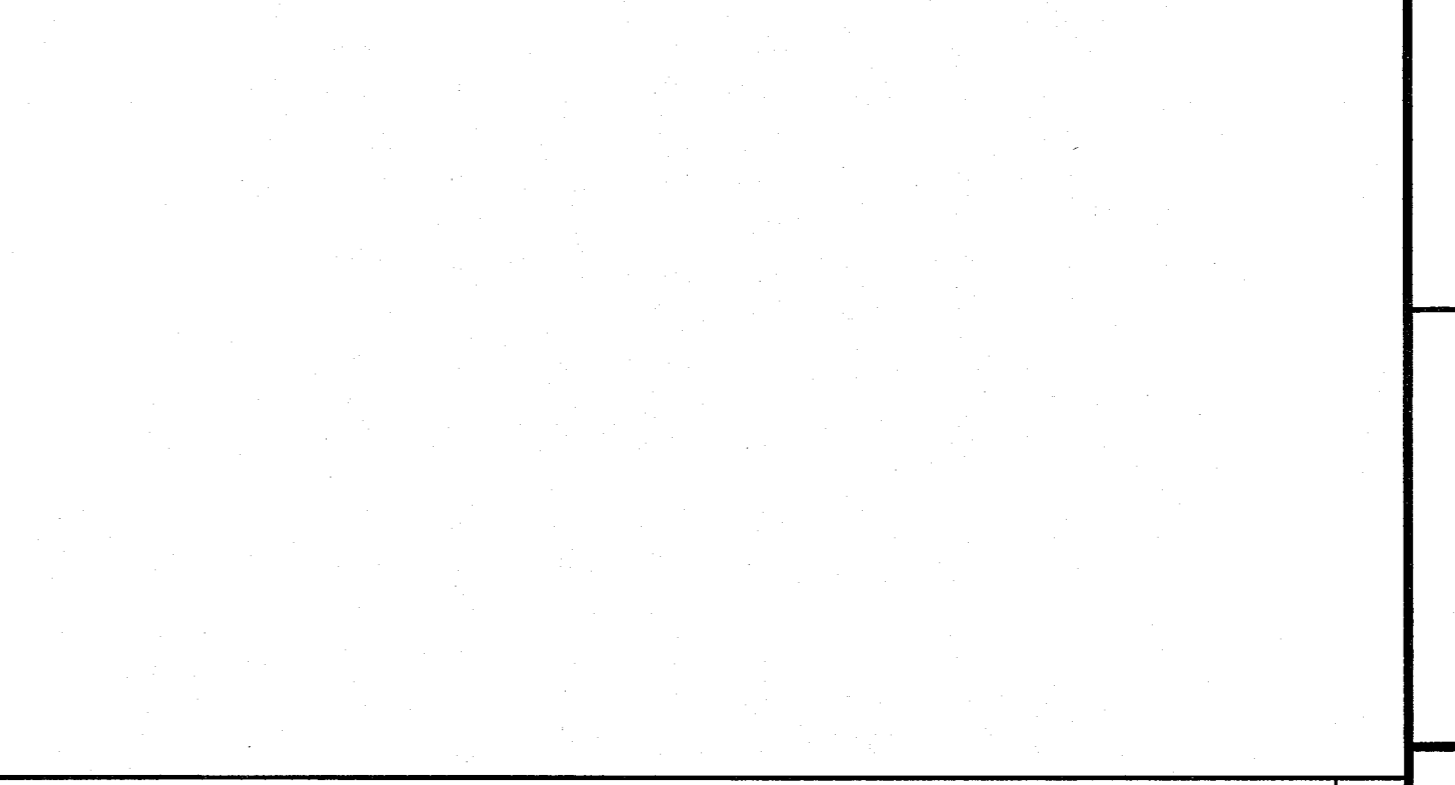
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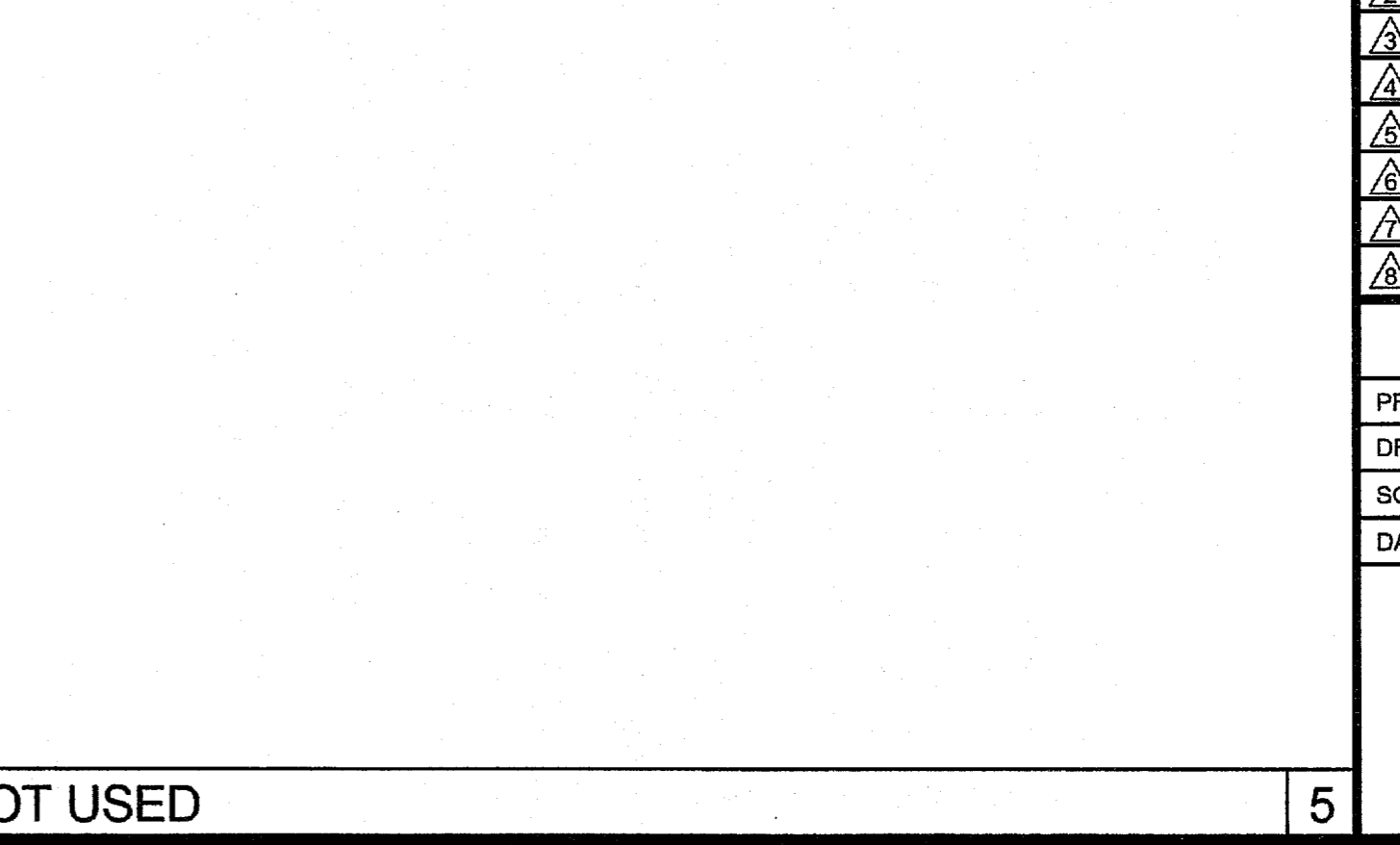
NOT USED 10



NOT USED 10



NOT USED 4



NOT USED 5

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SILVER CREEK INDUSTRIES, INC. "BUILDING FOR THE NEXT GENERATION" SILVER CREEK 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME: 24x40 STOCKPILE OFFICE BUILDING SHEET TITLE: WALL FRAMING DETAILS WOOD STUDS

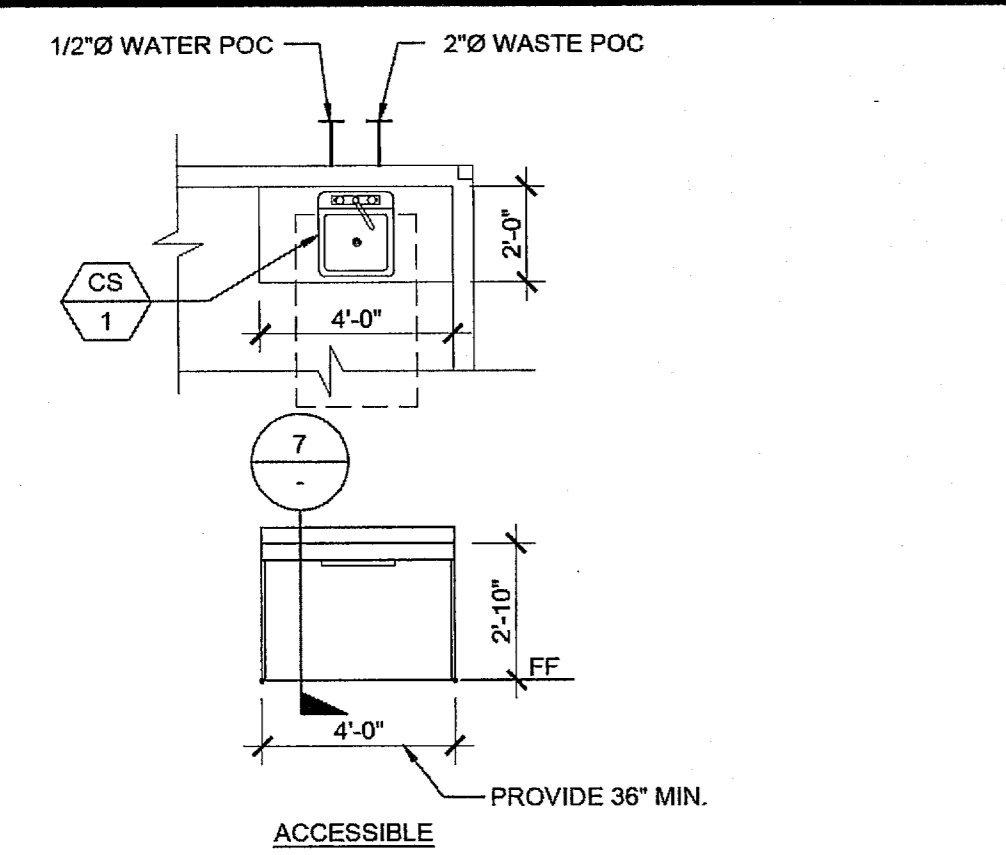
STAVARES ASSOCIATES ARCHITECTS INC. 1425 W. BEVERLY BL. SUITE 200 LOS ANGELES, CA 90024 WWW.STAVARES.COM ARCHITECT OF RECORD SUBMISSION DATE 06/15/15

PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 04 116284 ACS FLS SS RAF DATE MAY 18 2017

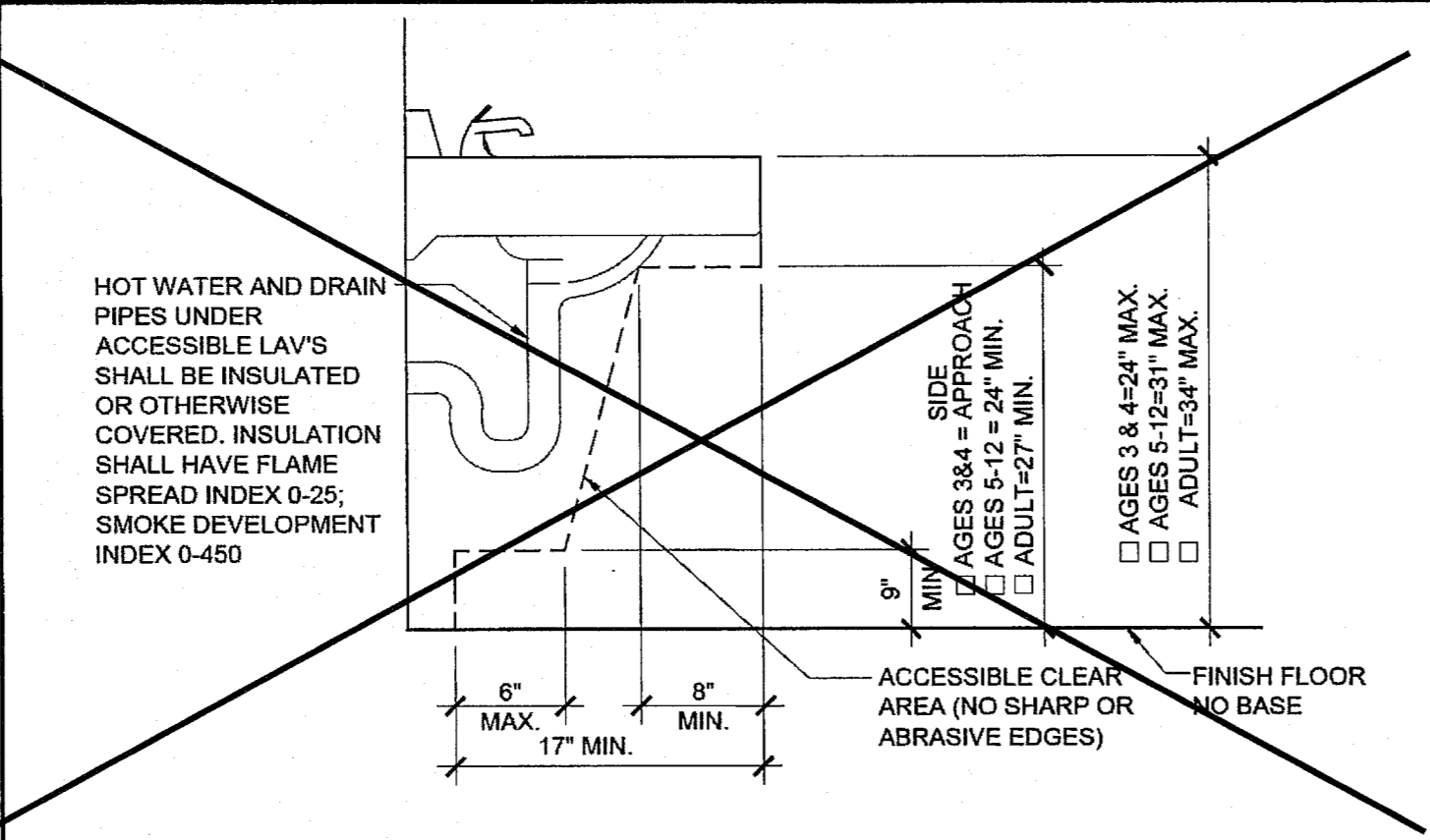
ORIGINAL PC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 04-114102 AC FLS SS RAF DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES 24' x 40' PC - 2:12 PITCH PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 01-30-15 P.C. SHEET NUMBER S-5.11



TYPICAL SINK CABINET

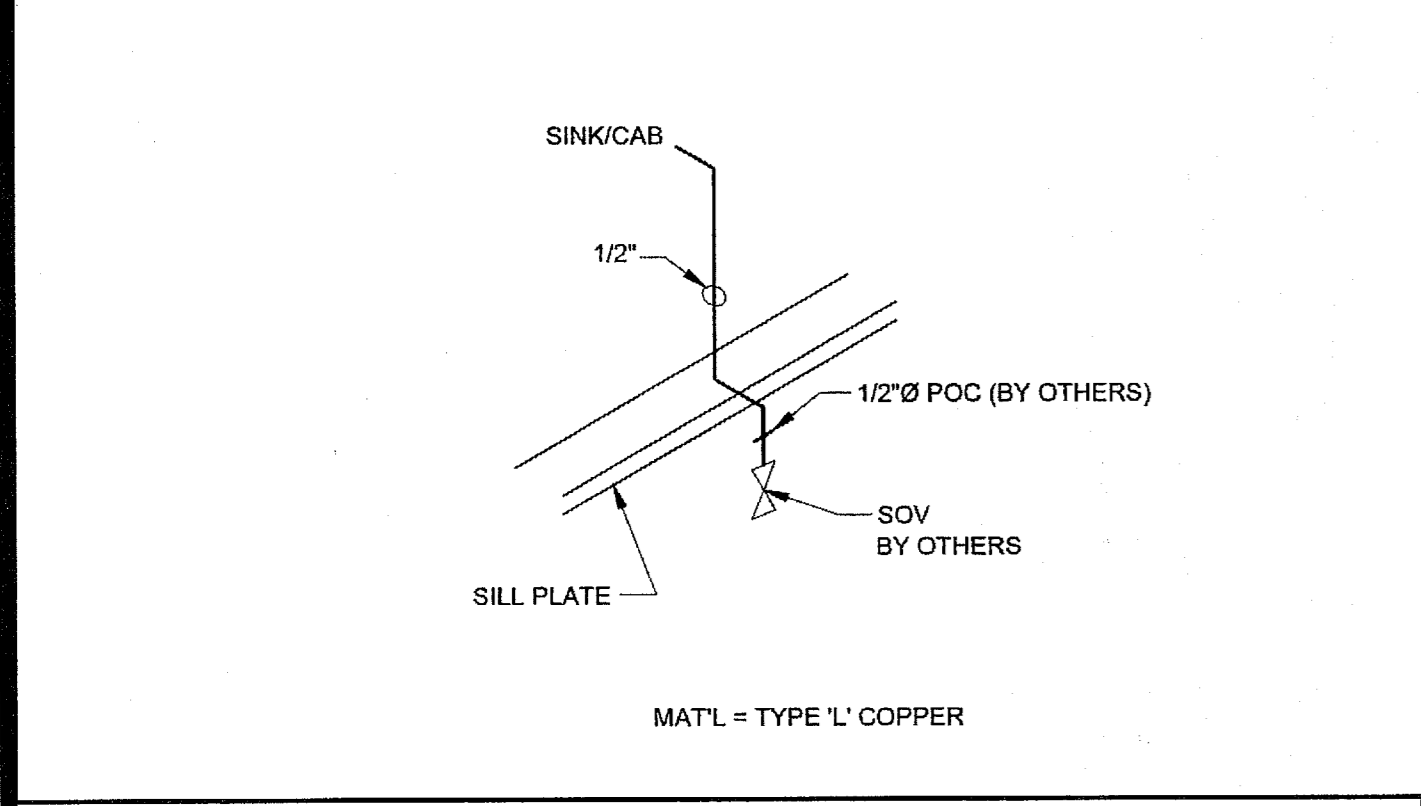


11 ACCESSIBLE LAV CLEARANCE

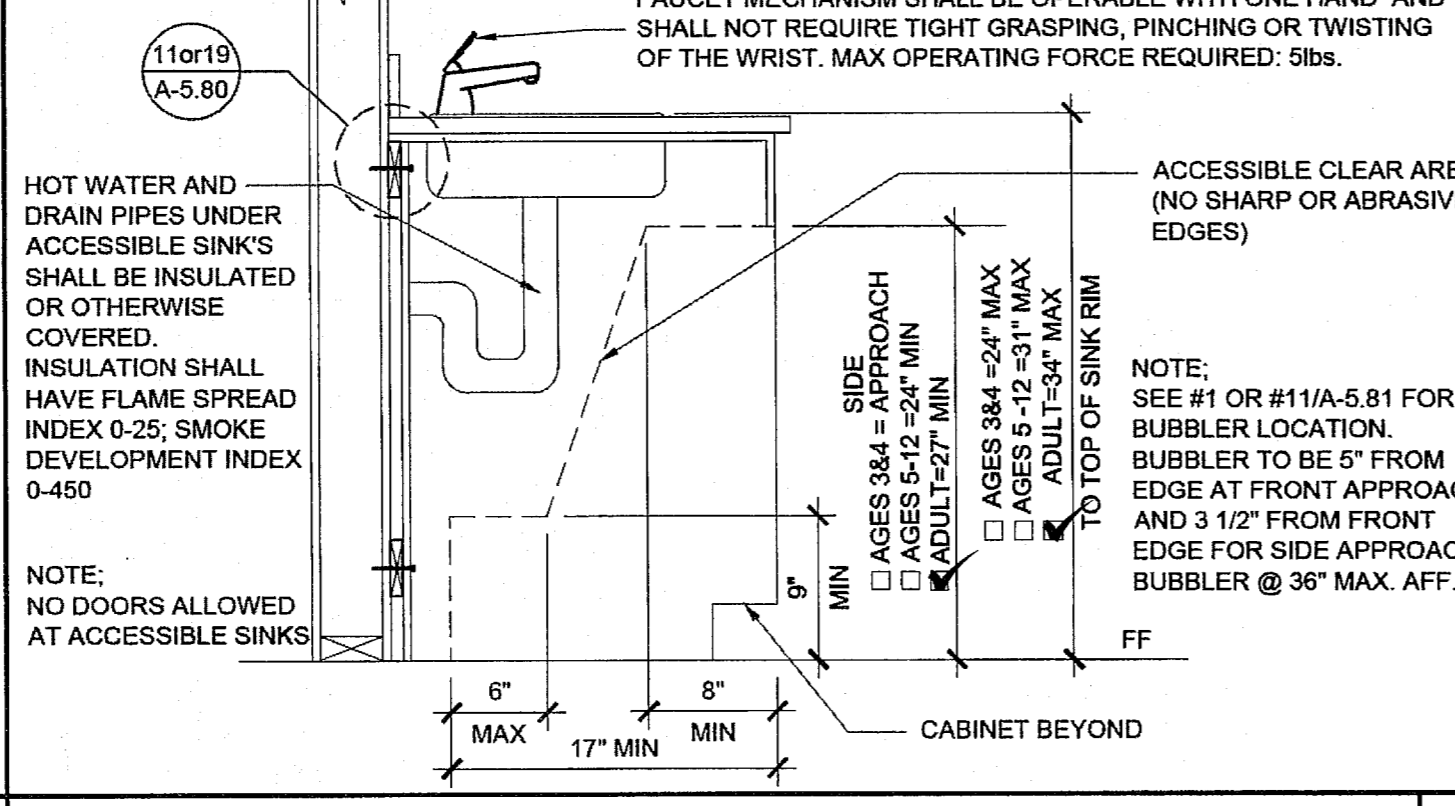
THE DIVISION OF THE STATE ARCHITECT, OFFICE OF REGULATION SERVICES ACCEPTS THE FOLLOWING DIMENSIONS AS ADEQUATELY SERVING THE NEEDS OF CHILDREN IN PROJECTS UNDER THEIR JURISDICTION. THESE DIMENSIONS ARE BASED ON CBC TABLE 11B-604.9 SUGGESTED DIMENSIONS FOR WATER CLOSETS SERVING CHILDREN AGES 3 TO 12.

ACCESSIBILITY DIMENSIONS	11B-604.9 SUGGESTED DIMS			
	ADULT	AGES 9 THROUGH 12	AGES 5 THROUGH 8	AGES 3 AND 4
TOILET CENTERING FROM WALL	17" - 18"	15" - 18"	12" - 15"	12"
TOILET SEAT HEIGHT (DIM TO TOP OF SEAT)	17" - 19"	15" - 17"	12" - 15"	11" - 12"
GRAB BAR HEIGHT (TO TOP)	33" - 36"	25" - 27"	20" - 25"	18" - 20"
TOILET PAPER IN FRONT OF TOILET	7" - 9"	7" - 9"	7" - 9"	7" - 9"
NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX.	2" MAX.	N/A	N/A
MIRROR HEIGHT (TO BOTTOM OF GLASS)	40" MAX.	40" MAX.	38" MAX.	32" MAX.
DISPENSER HEIGHT	19" MIN.	17" - 19"	14" - 17"	14" - 17"
LAVATORY/SINK TOP HEIGHT	34" MAX.	31" MAX.	31" MAX.	24" MAX.
LAVATORY/SINK KNEE CLEARANCE	27" MIN.	27" MIN.	24" MIN.	SIDE APPROACH
URINAL LIP HEIGHT	17" MAX.	17" MAX.	15" MAX.	15" MIN.
URINAL FLUSH HANDLE HEIGHT	44" MAX.	44" MAX.	37" MAX.	32" MAX.
DRINKING FOUNTAIN BUBBLER HT. (LOW)	36" MAX.	30" MAX.	30" MAX.	30" MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.	SIDE APPROACH	SIDE APPROACH	SIDE APPROACH
RAMP/STAIR HANDRAIL HEIGHT (TO TOP)	34" - 38"	34" - 38"	34" - 38"	34" - 38"

12 ACCESSIBLE SINK CABINET (OPTION)



SINK CABINET COLD WATER SUPPLY



13 TRAP PRIMER TO FLOOR DRAIN

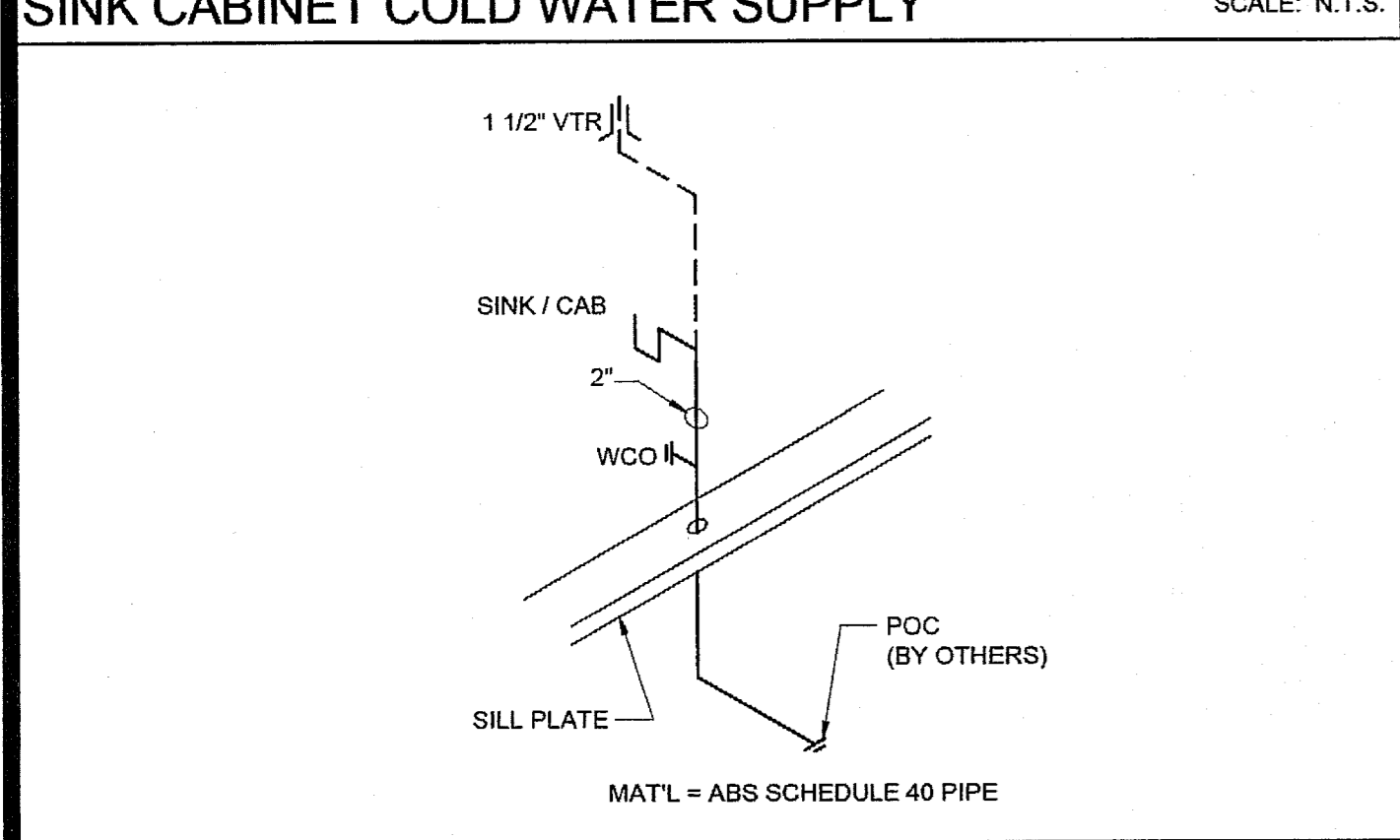
STANDARD DIMENSIONS	ALTERNATE HEIGHT (DIMS)			
	ADULT	AGES 9 THROUGH 12	AGES 5 THROUGH 8	AGES 3 AND 4
TOILET CENTERING FROM WALL/PARTITION	15" MIN	15" MIN	15" MIN	15" MIN
TOILET SEAT HEIGHT/DIM TO TOP OF SEAT	15"	15"	15"	15"
TOILET CLEARANCE/FRONT	24"	24"	24"	24"
URINAL LIP HEIGHT	24"	24"	18"	16"
URINAL CENTER FROM WALL/PARTITION	12"	12"	12"	12"

14 GRAB BAR CONNECTION DETAIL

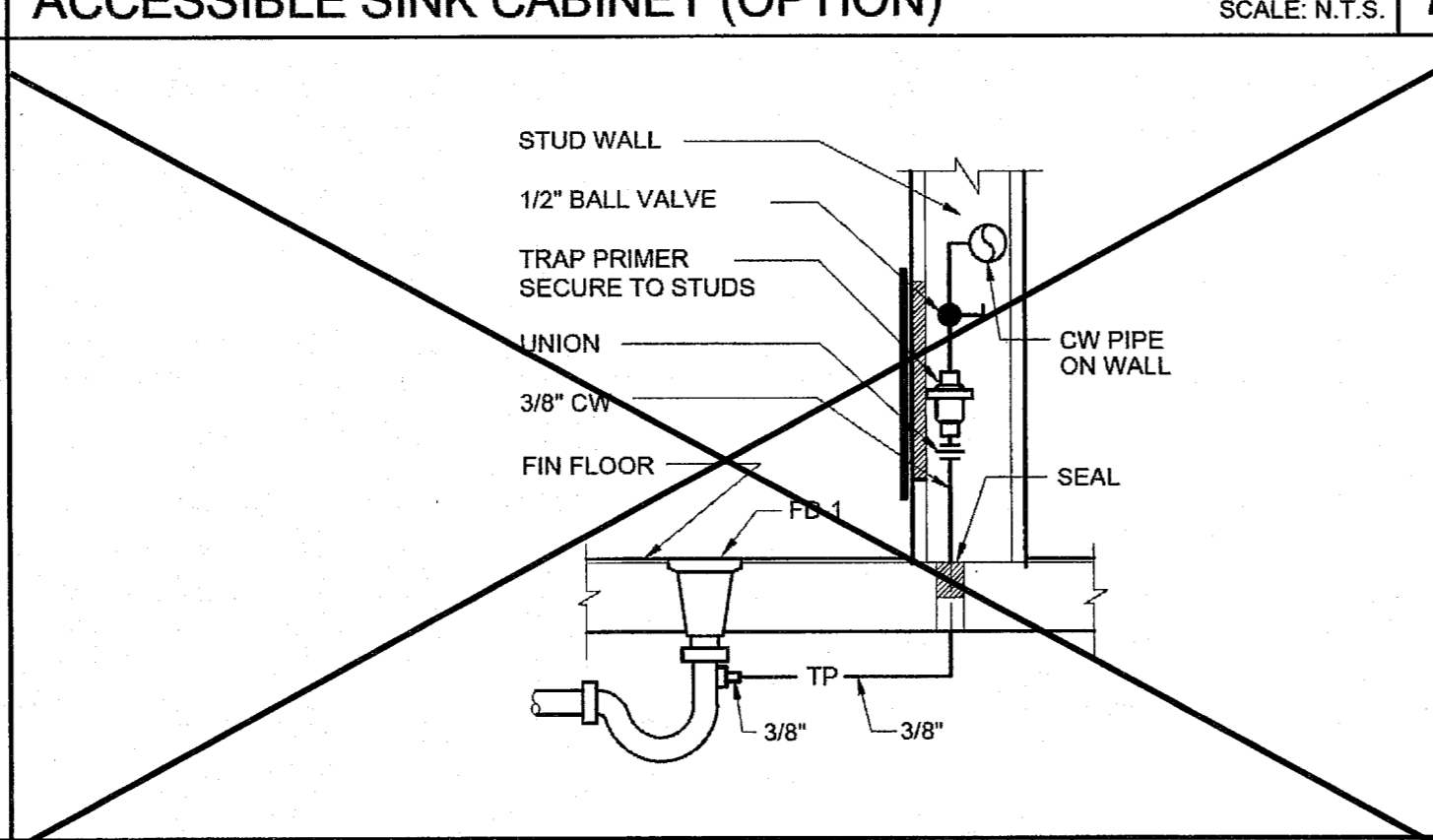
PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT	FIXTURE DESCRIPTION (AS CALLED OUT OR APPROVED EQUAL)	
						STANDARD	ALTERNATE
WC 1	WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"				STD: PROFLO ADA PF903 (1.28 GPF)	ALT: AMERICAN STANDARD 4758.128 (1.28 GPF)
WC 2	WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"				STD: PROFLO STANDARD PF9300 (1.28 GPF)	ALT: AMERICAN STANDARD 2832.128 (1.28 GPF)
WC 3	WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"				STD: PROFLO PF17088B (1.28 GPF)	ALT: AMERICAN STANDARD 2315.018 BABY DEVORO 10" HIGH, VITREOUS CHINA ELONGATED RIM, TANK TYPE: OLSONITE 1000 SOLID OPEN WHITE ELONGATED PLASTIC SEAT
WC 4	WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)			3"	2"	STD: PROFLO ADA PF1723 (1.28 GPF)	ALT: AMERICAN STANDARD 3043.001 VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN, OLSONITE 1000 SOLID OPEN WHITE ELONGATED PLASTIC SEAT, SLOAN ROYAL F111-128 LOW CONSUMPTION FLUSH VALVE
WC 5	WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)			3"	2"	STD: PROFLO STANDARD PF1721 (1.28 GPF)	ALT: AMERICAN STANDARD 2234.001 MBERN 16" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN, OLSONITE 1000 SOLID OPEN WHITE ELONGATED PLASTIC SEAT, SLOAN ROYAL F111-128 LOW CONSUMPTION FLUSH VALVE
WC 6	WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE & NON-ACCESSIBLE)			3"	2"	STD: PROFLO PF17088B (1.28 GPF)	ALT: AMERICAN STANDARD BABY DEVORO 2232 (1.28 GPF) CHINA ELONGATED RIM, TANK TYPE: OLSONITE 1000 SOLID OPEN WHITE ELONGATED PLASTIC SEAT, SLOAN ROYAL F111-128 LOW CONSUMPTION FLUSH VALVE
LAV 1	LAVATORY (ACCESSIBLE)	1/2"		2"	1 1/2"	STD: AMERICAN STANDARD 0355.012 LUCERNE	ALT: CRANE 1412-20 HARVEY TAYLOR & HUBBARD 1412-20 SINGLE HANDLE FAUCET (AMERICAN STANDARD 9141.011 TO BE USED @ KINDER & ELEMENTARY APPLICATIONS ONLY) (0.5 GPM)
FD 1	FLOOR DRAIN				2"	JAY R SMITH #2005 (1/2" DRAIN)	PR-500 WITH 8X12" LOCKABLE BOX 1/2" RAIL, SPLIT VALVE AND PVP DFD FRESH WATER DISTRIBUTION SYSTEM
TP 1	TRAP PRIMER	1/2"				PR-500 WITH 8X12" LOCKABLE BOX 1/2" RAIL, SPLIT VALVE AND PVP DFD FRESH WATER DISTRIBUTION SYSTEM	
GB 1	GRAB BAR					BRONX B-806-1-1/2" OC STAINLESS STEEL GRAB BAR, 36" LONG ON BACK AND 42" ON SIDE, OPTIONAL 24" GRAB HEIGHT TO OTHER THAN ADULT	SERIES 530 RETURNED MIRROR, STAINLESS STEEL APPROVED EQUAL
MR 1	MIRROR						
CS 1	CLASSROOM SINK	1/2"	1/2"	2"	1 1/2"		JUST CRA-1725-A-GR 17"X25" W 4 1/2" BOWL DEPTH, WITH CHICAGO FAUCET #350 AND BUBBLER JSB-10
WH 1	WATER HEATER						
WH 2	INSTANT WATER HEATER						
DF 1	DRINKING FOUNTAIN						

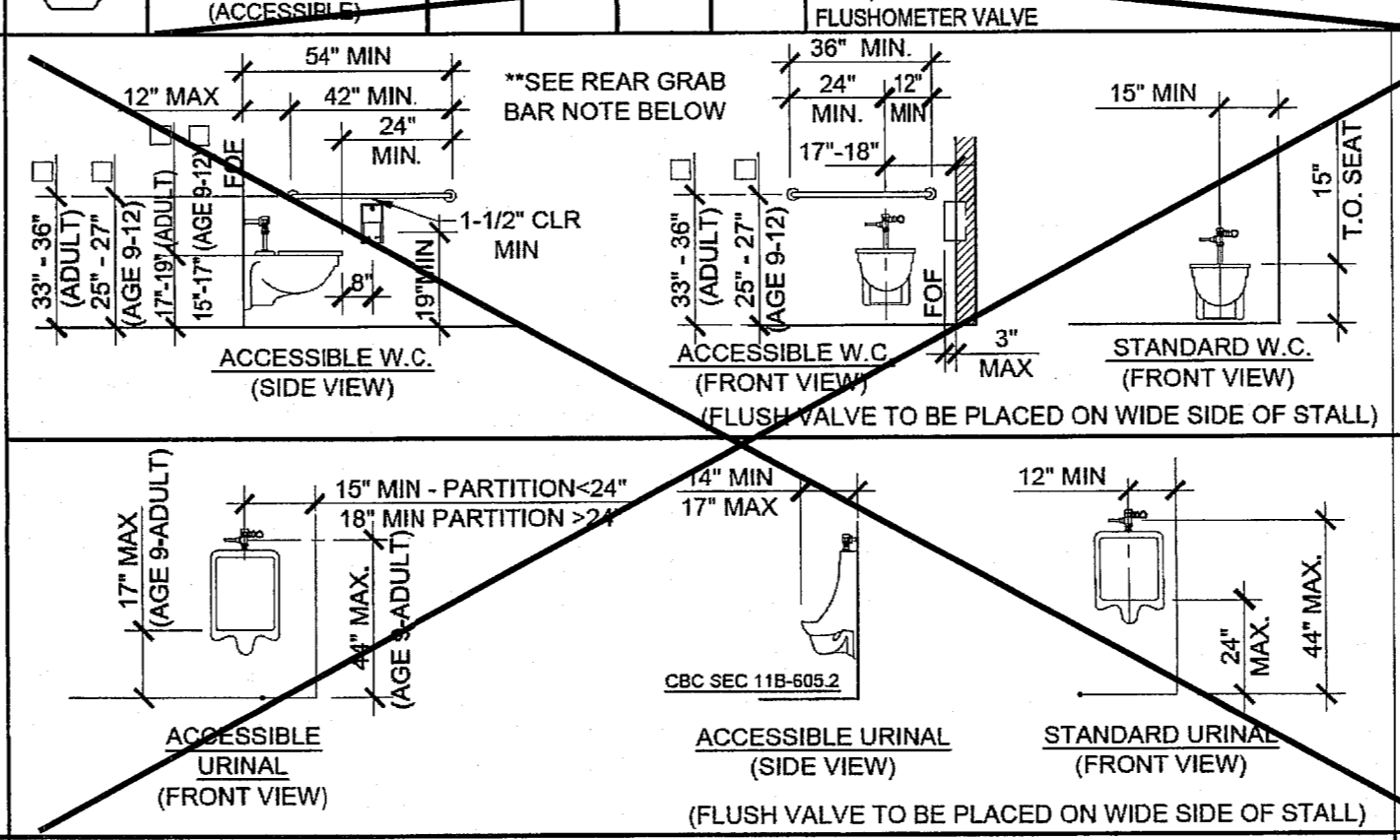
15 TOILET ACCESSORIES MOUNTING HEIGHTS



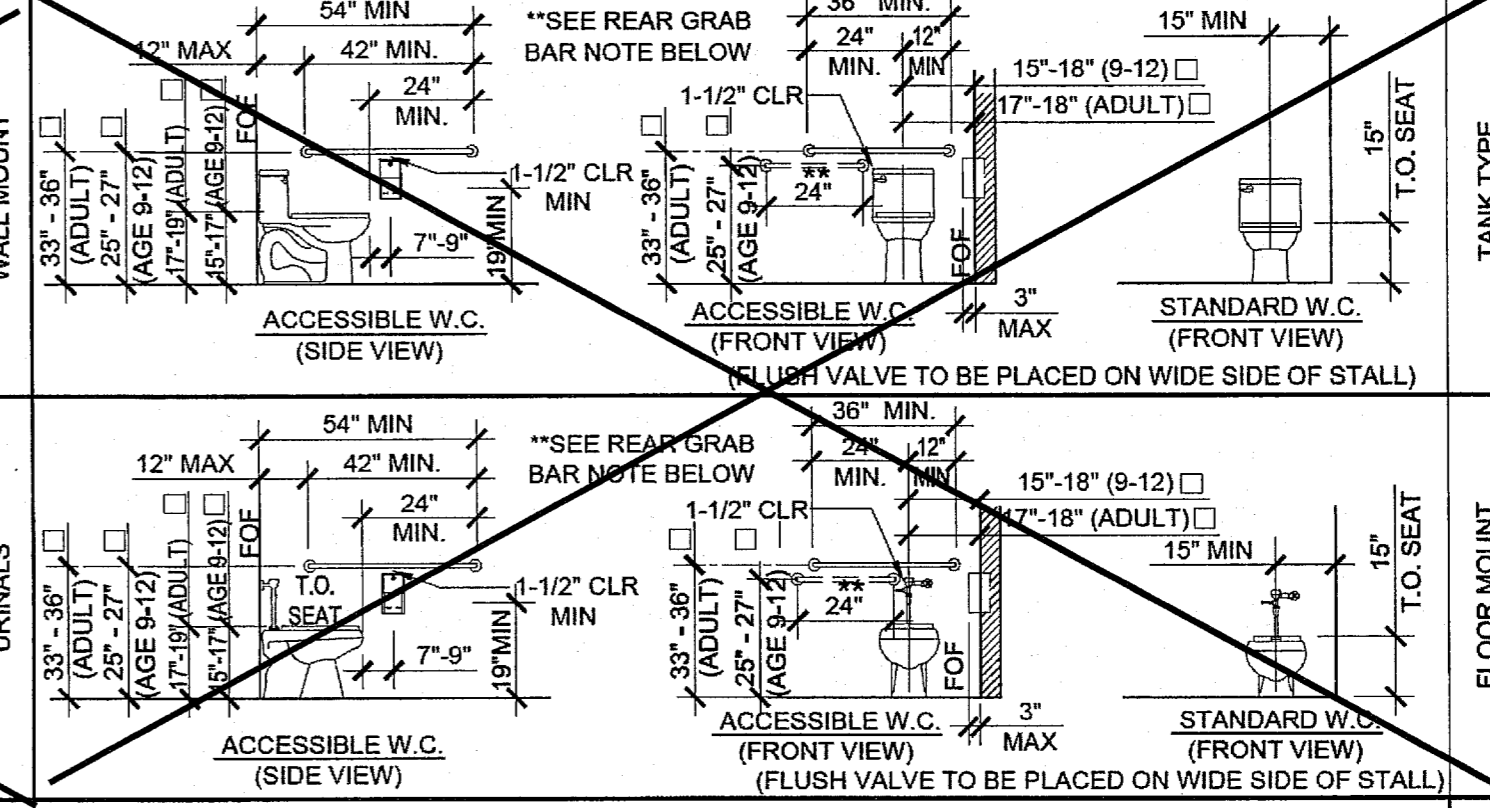
SINK CABINET WASTE



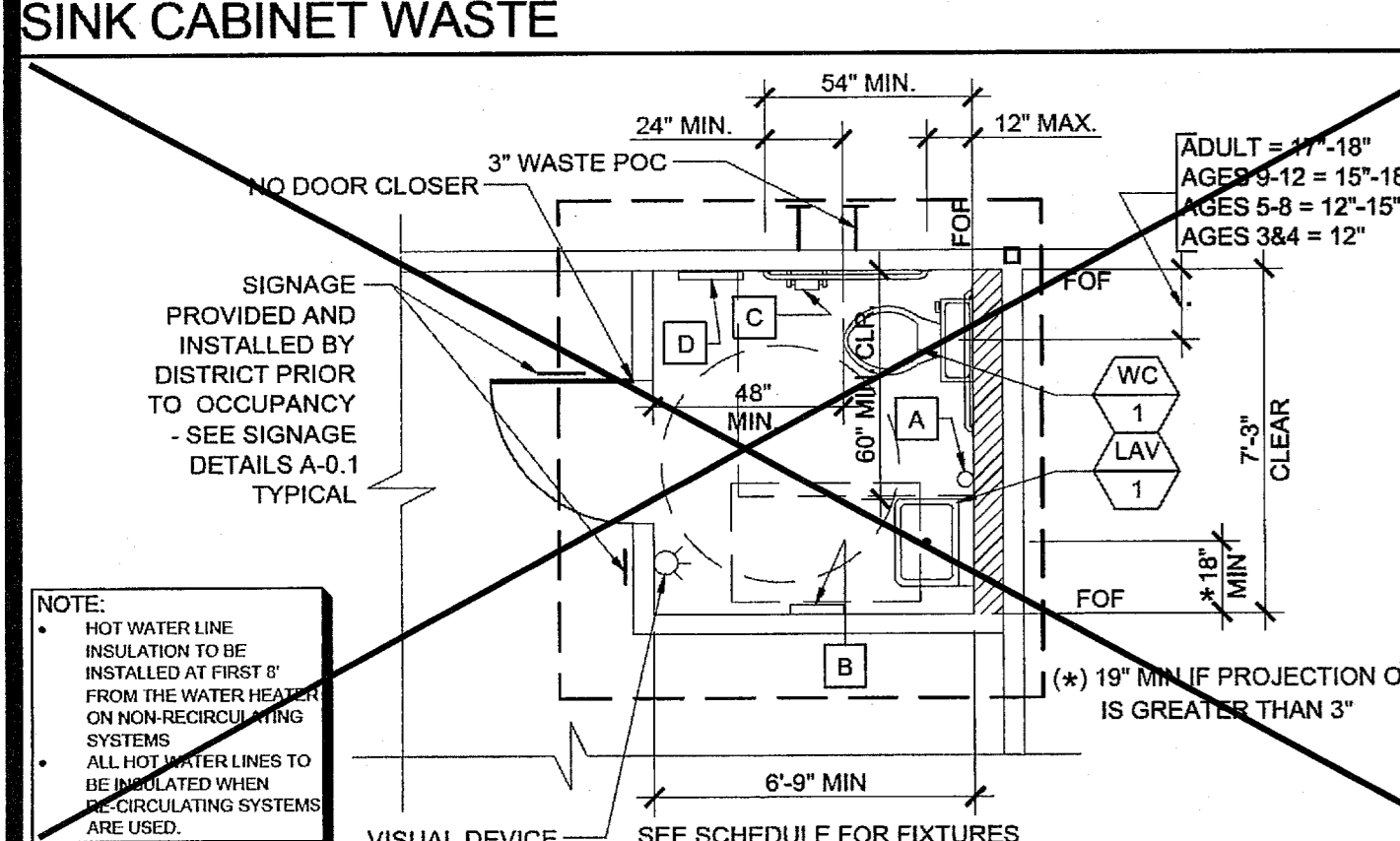
16 TOILET FIXTURE MOUNTING HEIGHTS (AGES 9 TO ADULT)



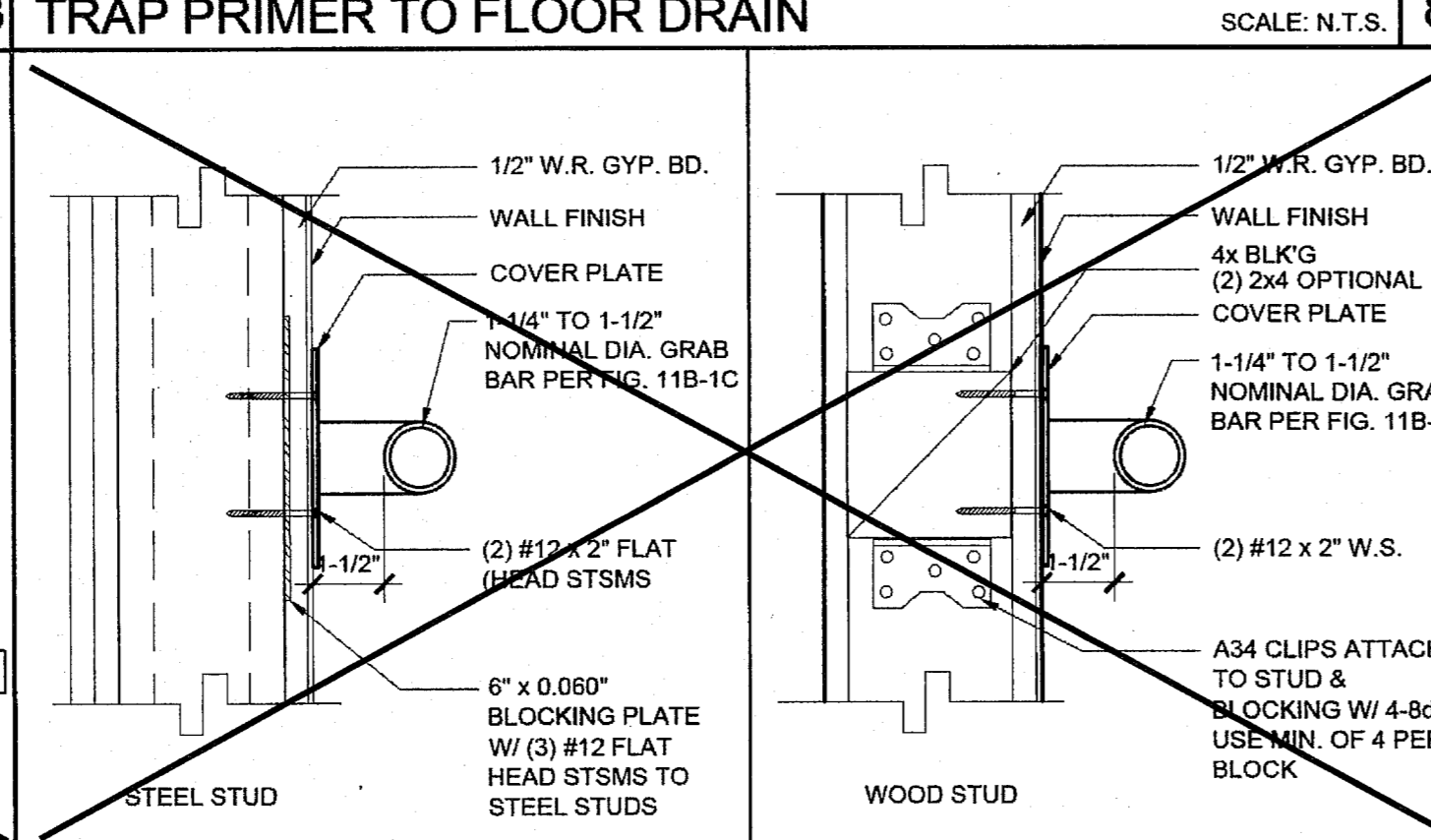
17 TOILET FIXTURE MOUNTING HEIGHTS (AGES 3 THRU 8)



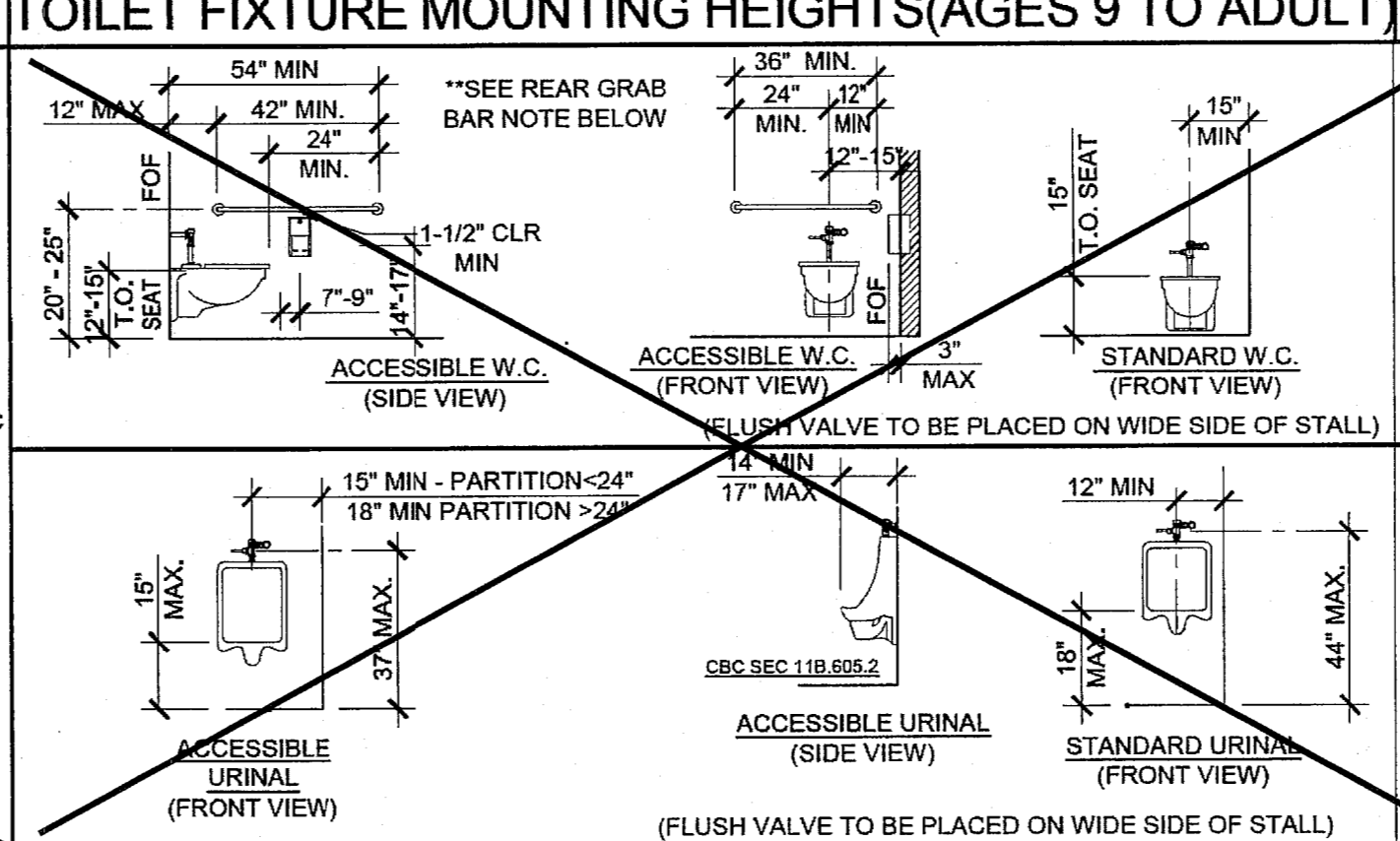
18 TOILET FIXTURE MOUNTING HEIGHTS (AGES 3 THRU 8)



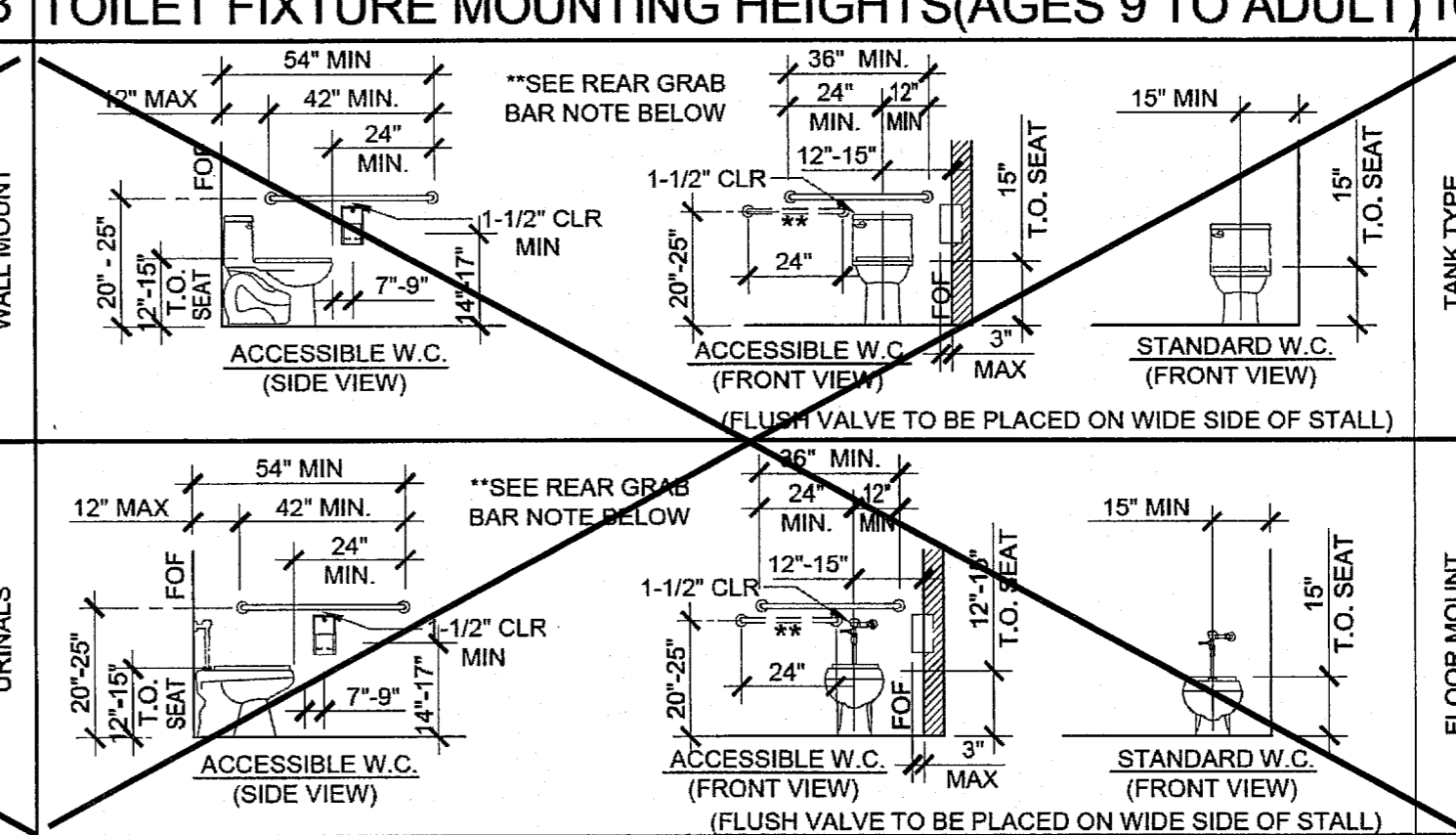
TYPICAL TOILET ROOM PLAN



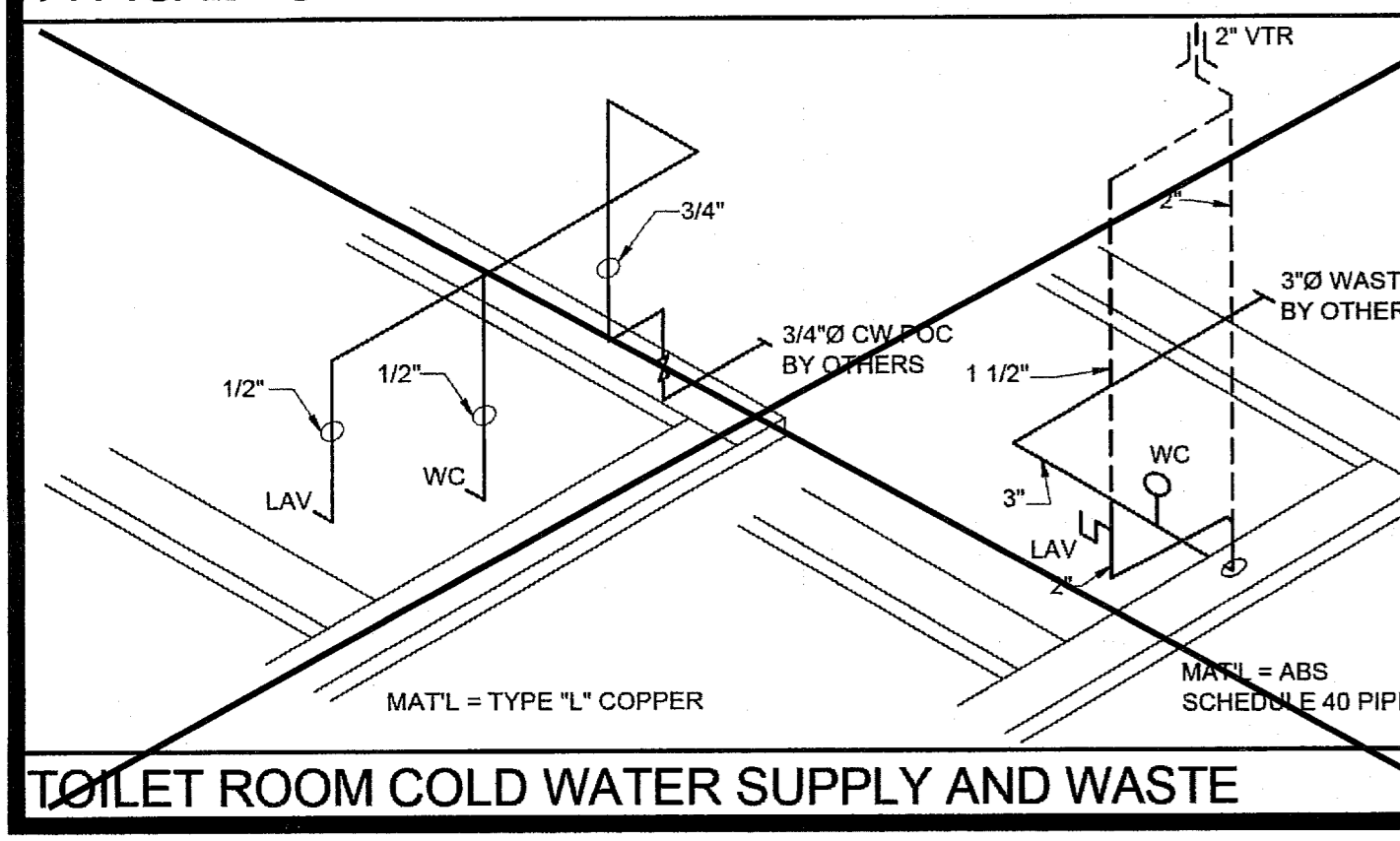
9 TOILET ACCESSORIES MOUNTING HEIGHTS



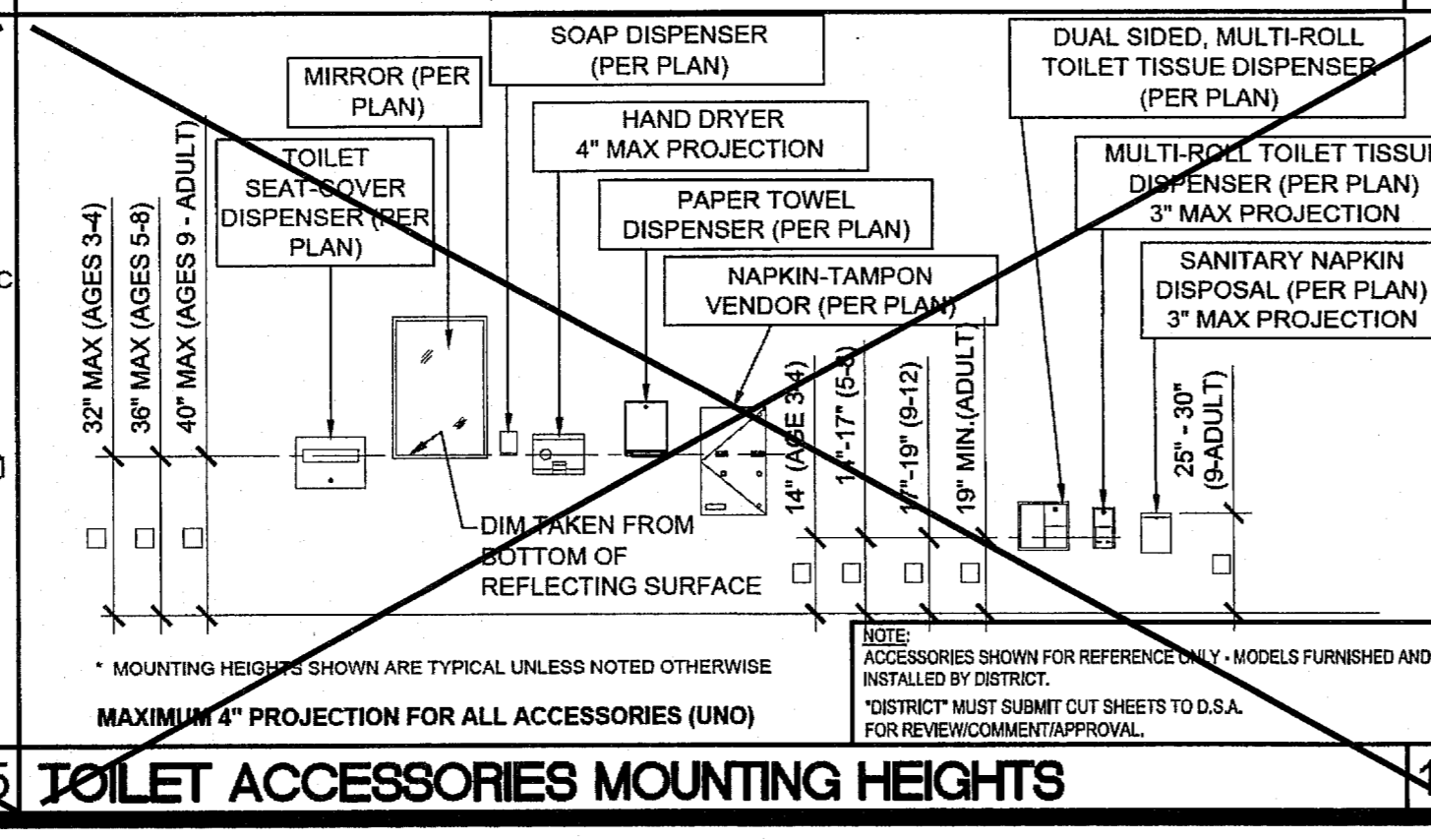
10 TOILET FIXTURE MOUNTING HEIGHTS (AGES 5 THRU 8)



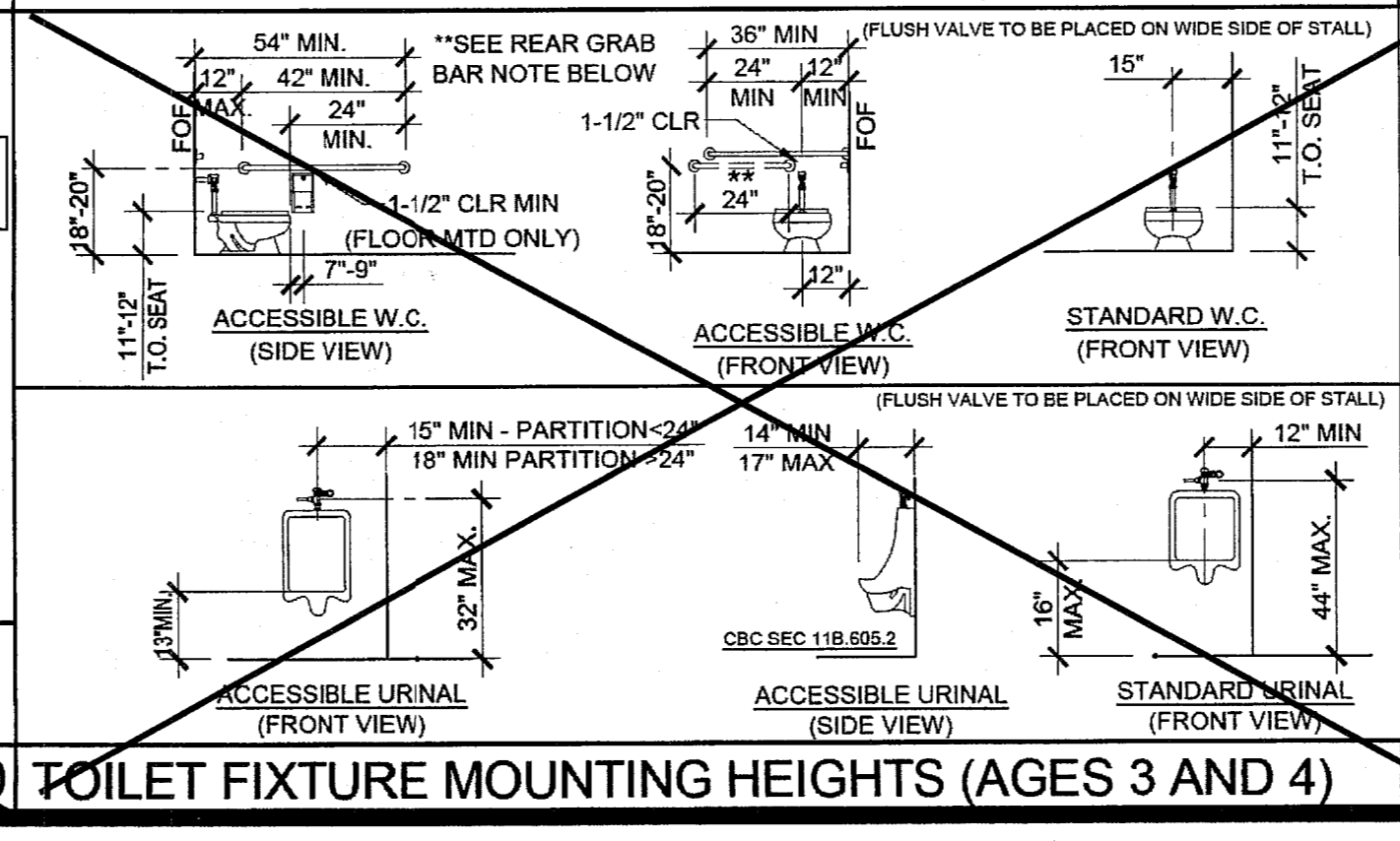
11 TOILET FIXTURE MOUNTING HEIGHTS (AGES 3 AND 4)



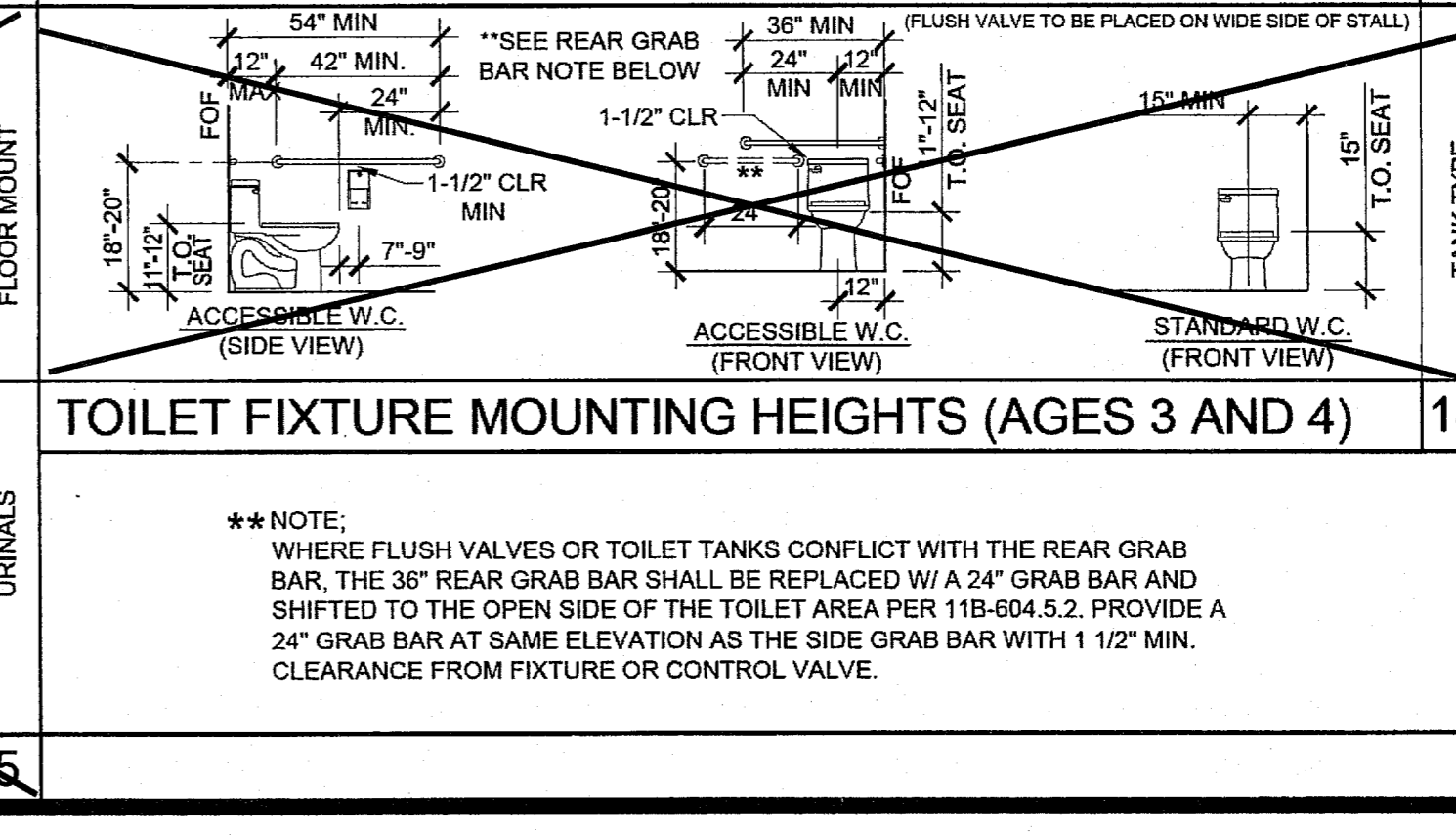
TOILET ROOM COLD WATER SUPPLY AND WASTE



12 TOILET ACCESSORIES MOUNTING HEIGHTS



13 TOILET FIXTURE MOUNTING HEIGHTS (AGES 3 AND 4)



14 TOILET FIXTURE MOUNTING HEIGHTS (AGES 3 AND 4)

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APP. 03-119509 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 10/12/19

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

24x40 STOCKPILE OFFICE BUILDING

PLUMBING DETAILS AND SCHEDULE

PROJECT NAME:

SHEET TITLE:

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118284
ACS [] FLS [] SS RAE
DATE MAY 8 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

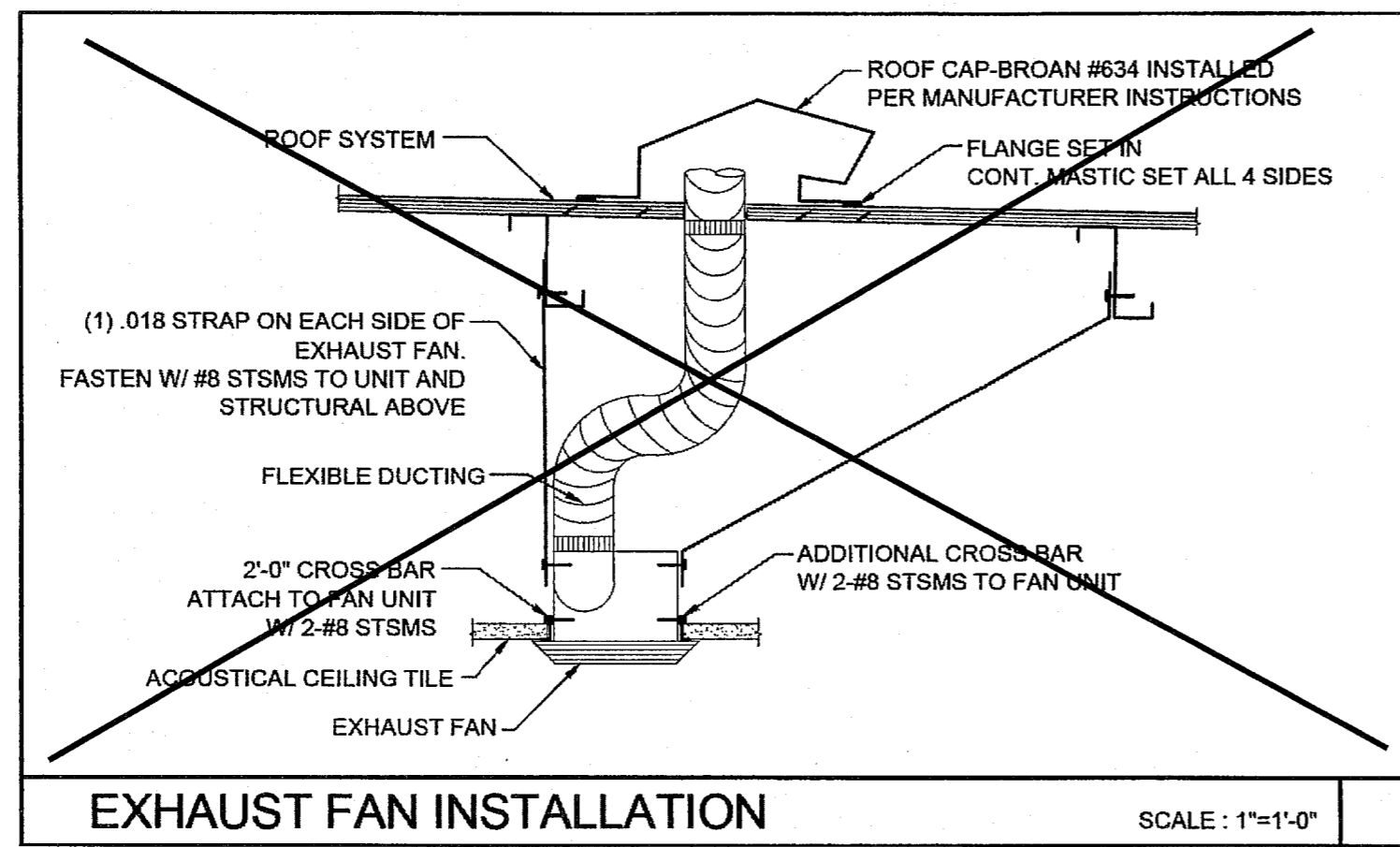
DATE: 01-30-15

P.C. SHEET NUMBER

P-1.01

REFER TO SHEET "P-1.01N" FOR PROJECT SPECIFIC

LEGEND		
SYMBOL	ABB.	DESCRIPTION
	SAD	SUPPLY AIR DUCT
	RAD	RETURN AIR DUCT
	EAD	EXHAUST AIR DUCT
	(L)	LINED DUCTWORK
	CD	SUPPLY CEILING DIFFUSER
	CR	RETURN CEILING REGISTER
	ER	EXHAUST CEILING REGISTER
	VTR	VENT THRU ROOF
	FD	FIRE DAMPER
	MVD	MANUAL VOLUME DAMPER
	UC	UNDERCUT DOOR
	STAT	THERMOSTAT
	BT	BYPASS TIMER
	P.O.C	POINT OF CONNECTION



GENERAL NOTES

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS, WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

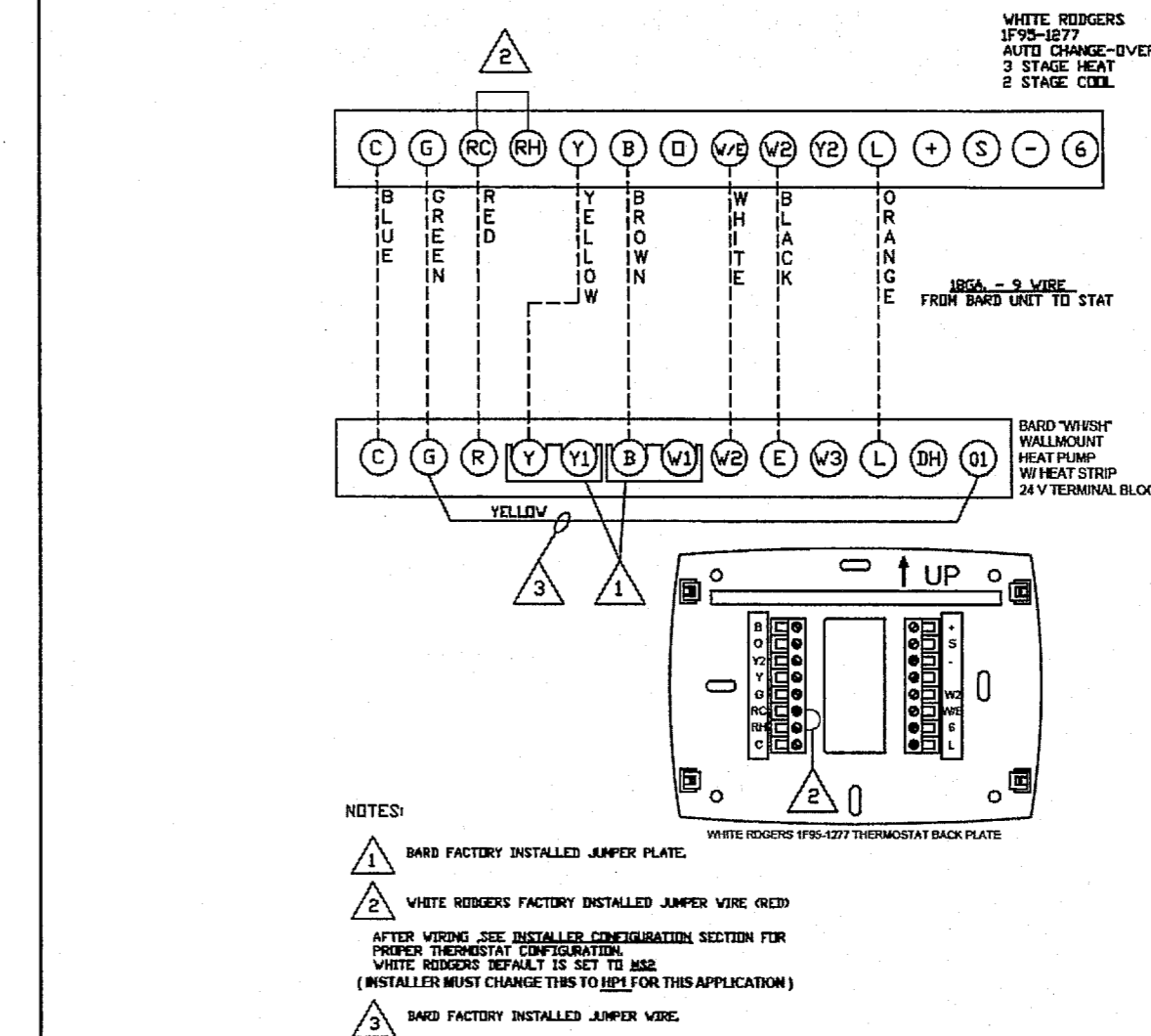
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 AND 2013 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

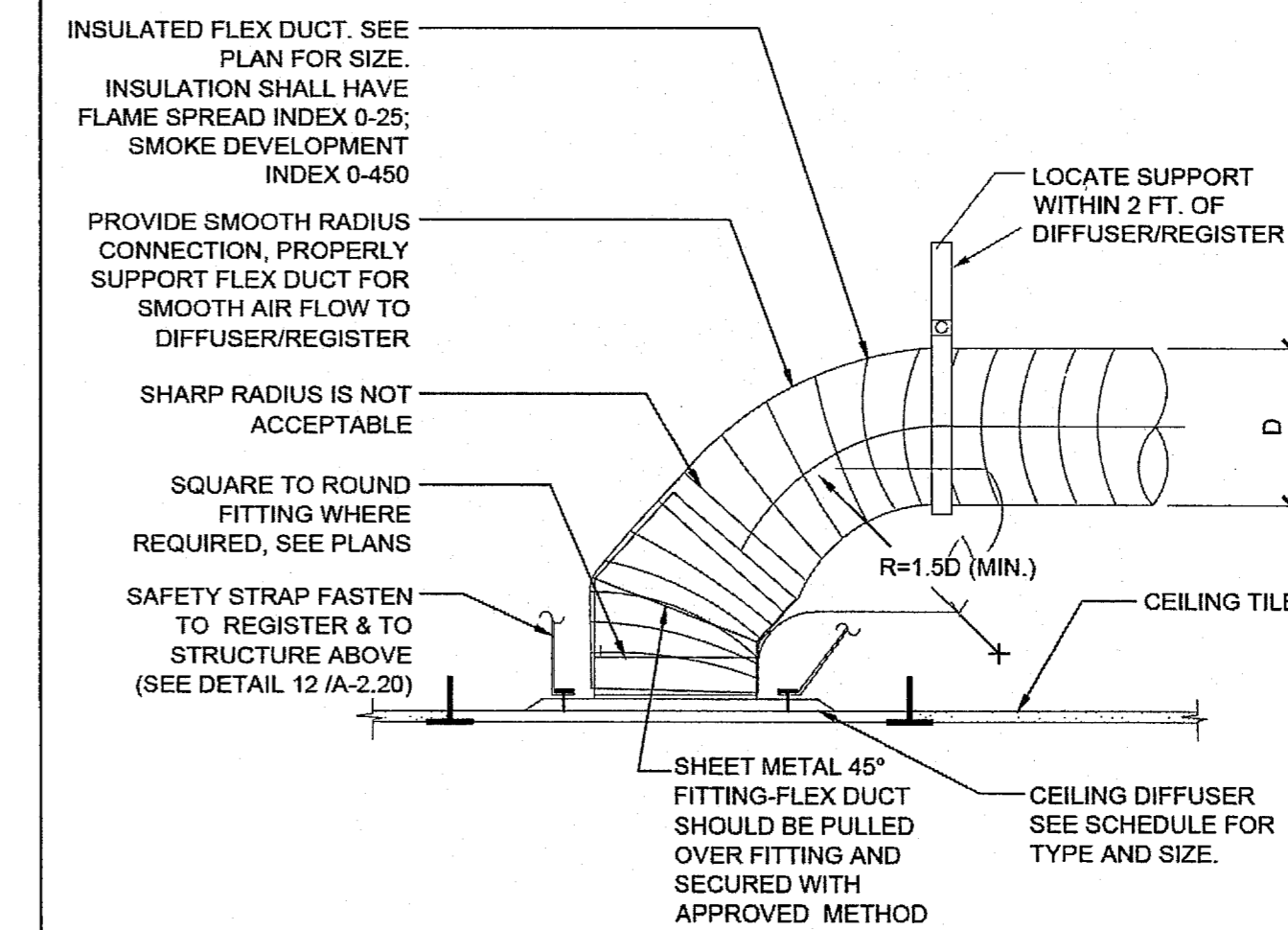
THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHDP PRE-APPROVALS (OPA #).

COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AN BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

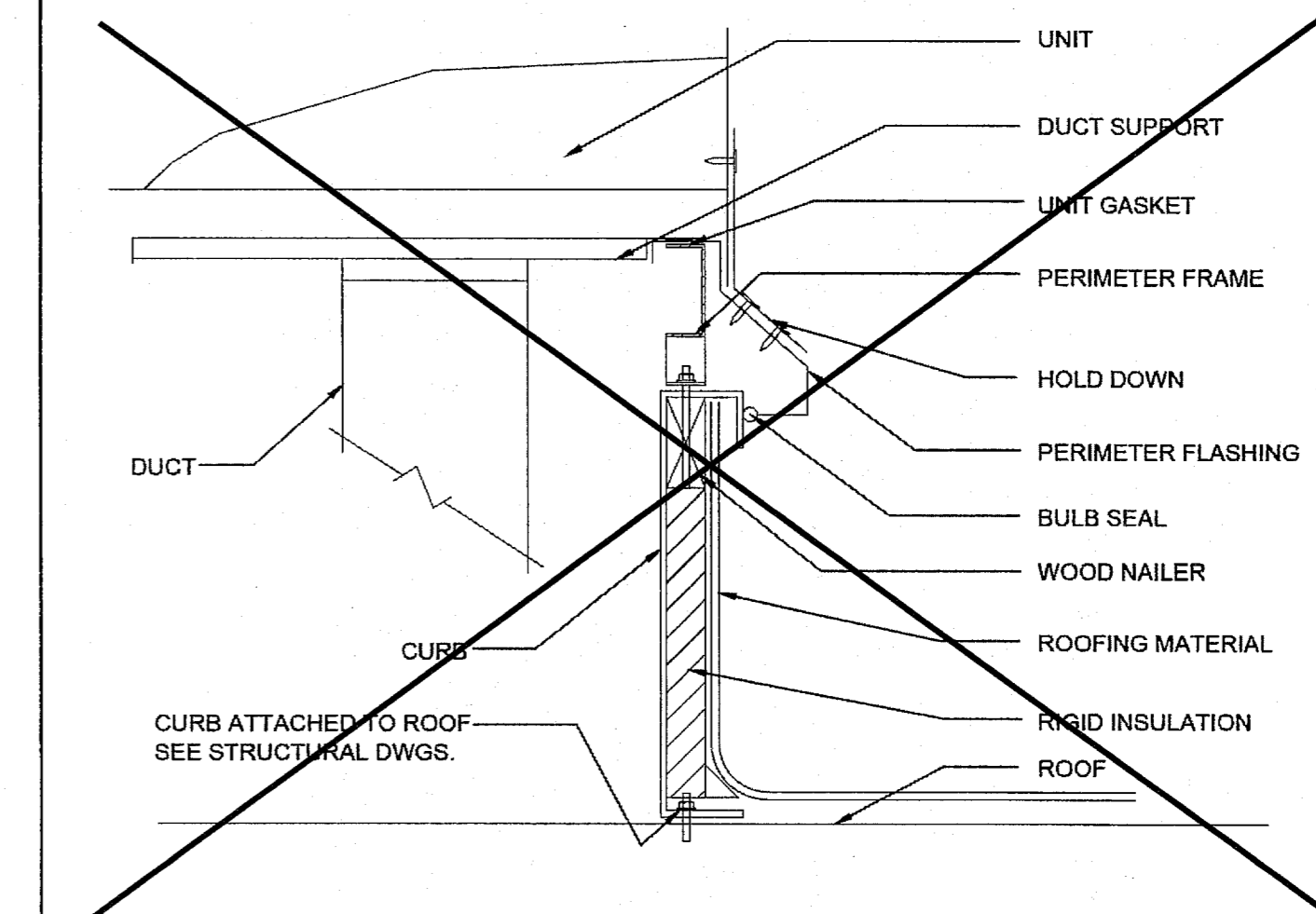
THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.



UNIT TO THERMOSTAT WIRING



RETURN CEILING DIFFUSER MOUNTING



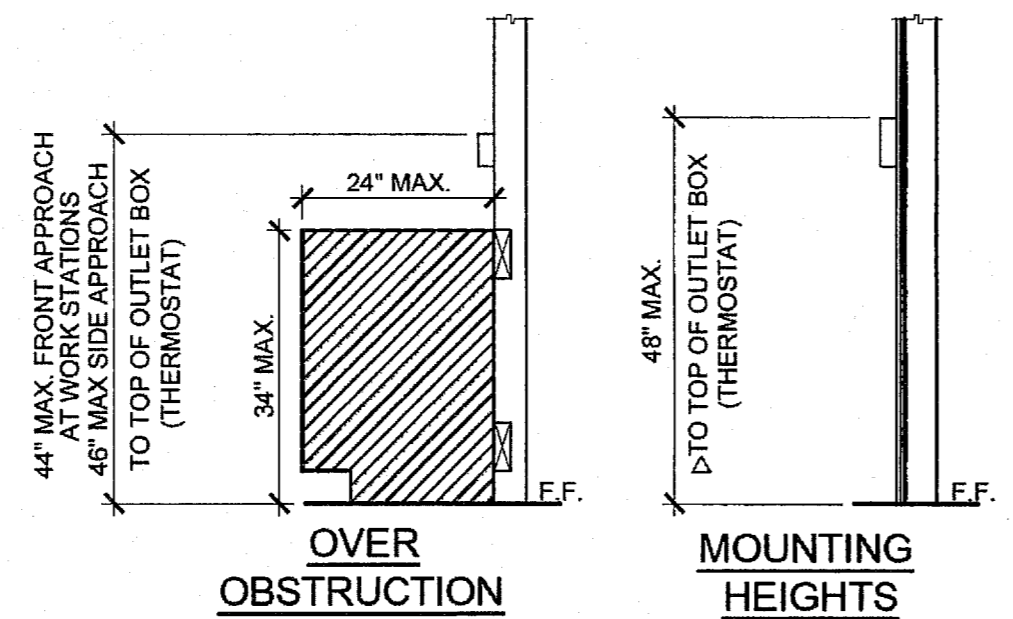
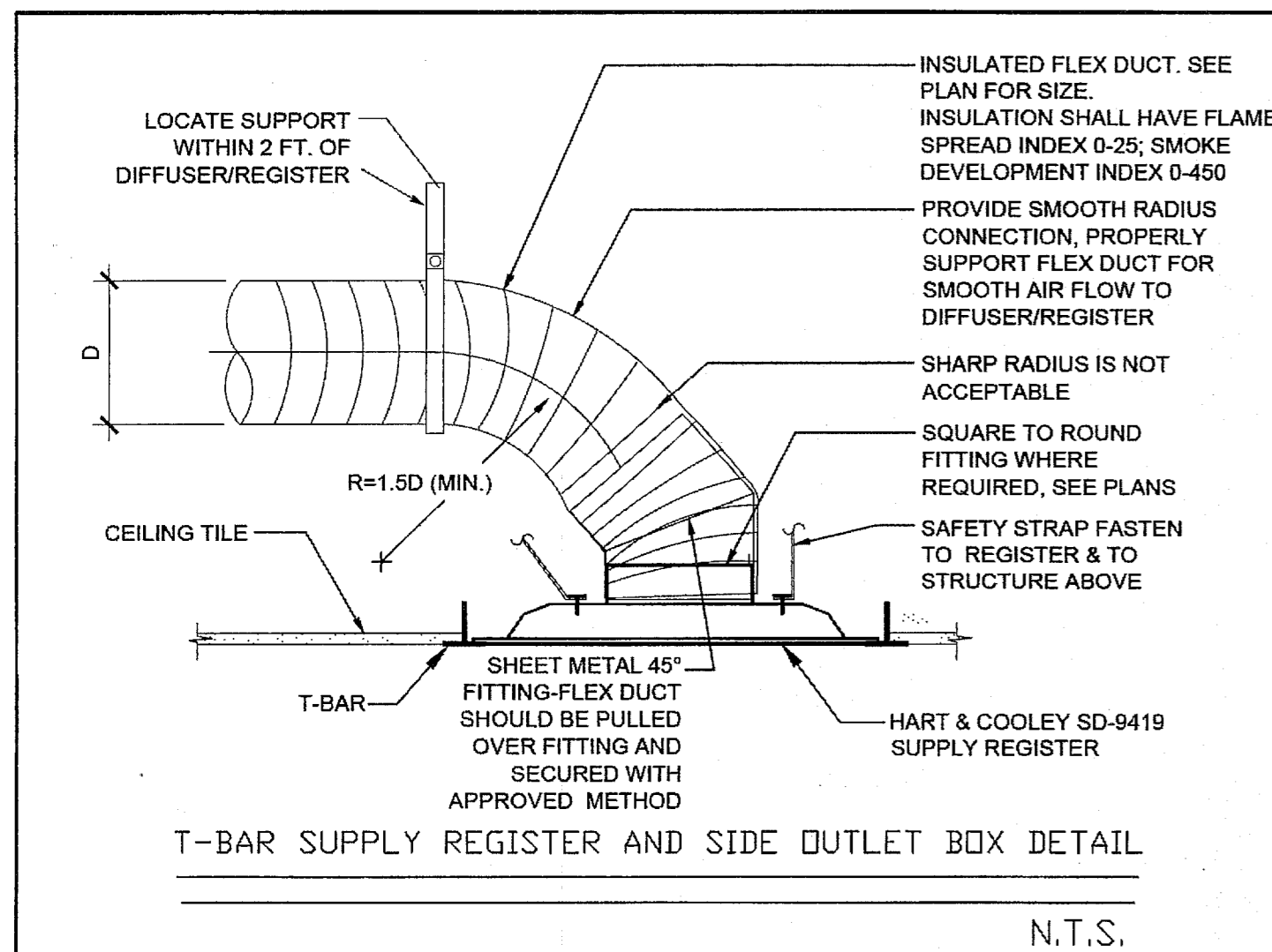
A/C UNIT MOUNTING

BUILDING SIZES VARY. SEE KEY PLANS ON SHEET A-0.3 FOR APPROPRIATE HVAC TONNAGE PER BUILDING SIZE.

CEILING MOUNTED EXHAUST FAN SCHEDULE												
SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFM	SONES	SP	ELECTRICAL			WGT.	REMARKS
								VOLTS	Ø	POWER		
EF 1	CEILING	TOILET EXHAUST	BROAN	676	100	4.0	0.25	120	1	156 WATTS	7 LBS.	WITH BROAN ROOF CAP #636. PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 2	CEILING	TOILET EXHAUST	BROAN	L100	109	1.0	0.25	120	1	87 WATTS	22.80 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 6" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 3	CEILING	TOILET EXHAUST	BROAN	L200	210	2.0	0.25	120	1	127 WATTS	23.0 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 4	CEILING	TOILET EXHAUST	BROAN	L300	308	2.8	0.25	120	1	212 WATTS	23.10 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.

PERFORATED FACE GRILLE SCHEDULE (SUPPLY)			
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR SUPPLY	6"Ø	0 - 150	Fixed Curve Blade, 4-way throw
	8"Ø	150 - 230	For lay-in T-bar ceilings use Harth & Cooley SD-9419. (Sizes as shown on Mech Plan)
	10"Ø	230 - 350	
	12"Ø	350 - 460	
	14"Ø	460 - 640	

PERFORATED FACE GRILLE SCHEDULE (RETURN)			
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR RETURN	6"Ø	0 - 230	Perforated face
	10"Ø	230 - 460	For lay-in T-bar ceilings use Shoemaker 105P with 24 ga., 45 deg. angle. (Sizes as shown on Mech Plan.)
	14"Ø	460 - 710	



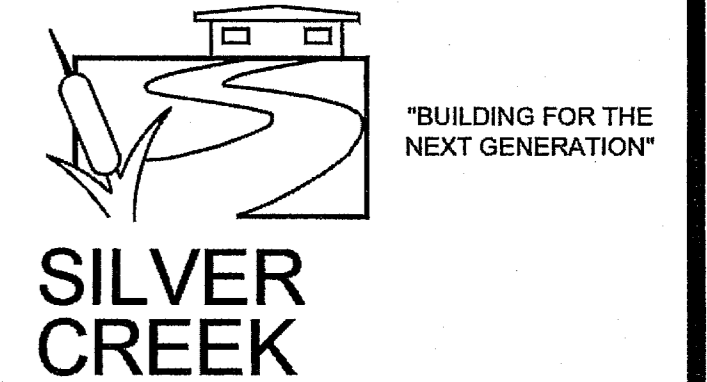
SUPPLY CEILING DIFFUSER MOUNTING

SCALE: NONE

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DATE: 10/1/2019

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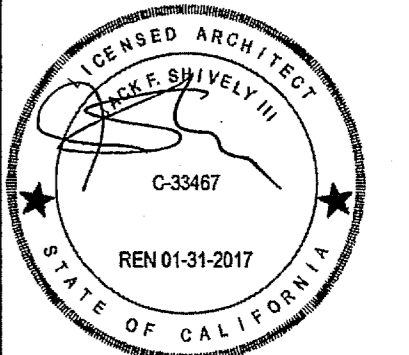
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

MECHANICAL NOTES, SCHEDULES, & DETAILS



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS PLS SS RAE
DATE MAY 11 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
DATE AUG 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO.:

DRAWN BY:

SCALE: AS NOTED

DATE: 01-30-15

P.C. SHEET NUMBER

M-0.1

NOT USED

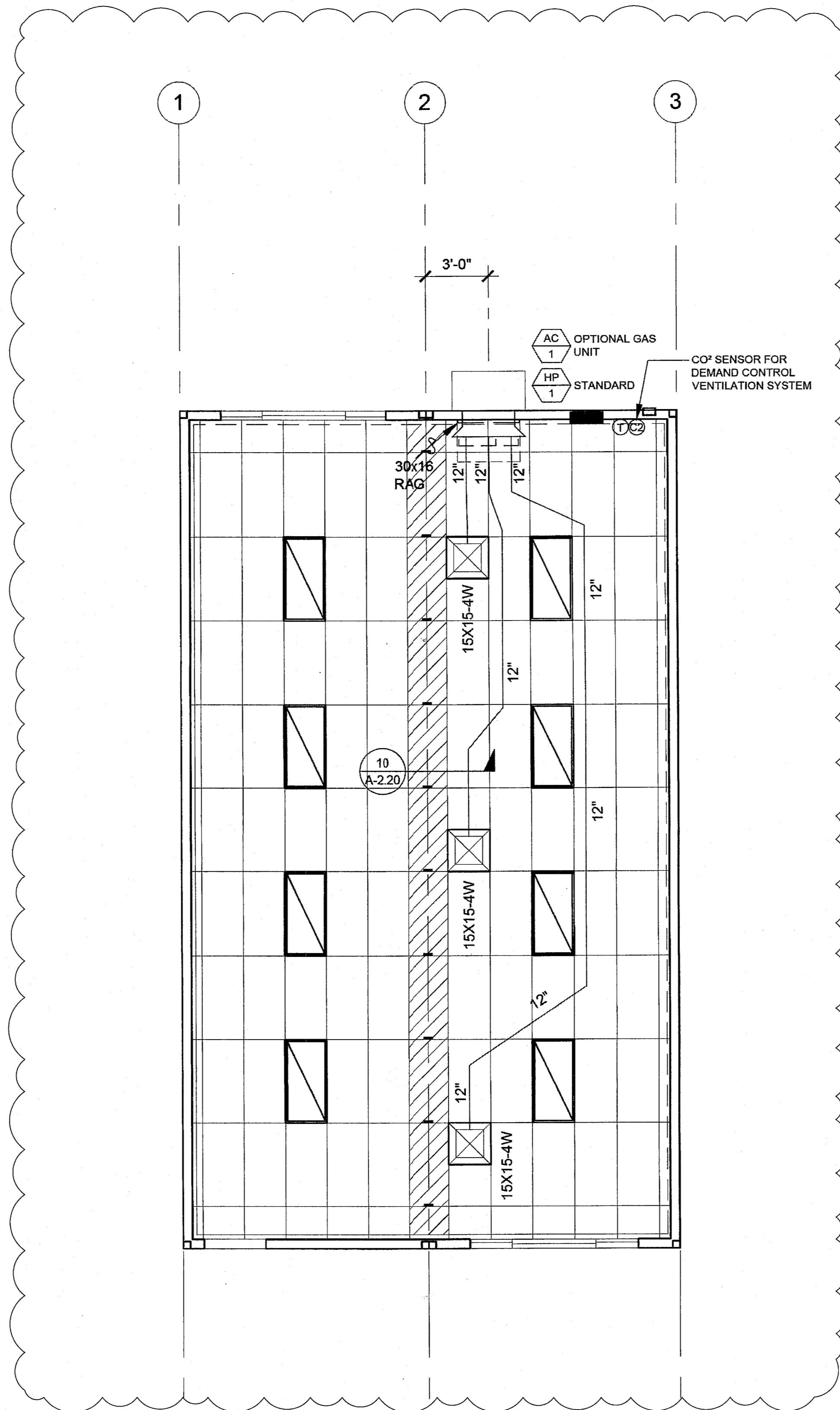
2

NOT USED

3

MECHANICAL PLAN - STANDARD 4 LIGHT CONFIGURATION

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



9 EER

SINGLE PACKAGE VERTICAL HEAT PUMP SCHEDULE

	STANDARD	OPTION #1	OPTION #2
TAG	HP-1	HP-1	HP-1
NOMINAL TONNAGE	4.0 TONS	5 TONS	3.5 TONS
MANUFACTURER	BARD	BARD	BARD
MODEL#	W48H2-A04	W6H2-A05	W42H2-A04
CFM	1550	1700	1400
STATIC PRESSURE	0.3	0.3	0.3
DRIVE	DIRECT	DIRECT	DIRECT
MCA	58	67	57
MOCP	60	80	60
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#4/#8	#6/#10
DESIGN RETURN AIR (DBWB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	35,600	39,600	32,700
TOTAL COOLING @ 95° F	46,000	54,000	42,000
HEATING CAP. BTUH @ 47° F	44,000	54,000	42,000
HEATING CAP. BTUH @ 17° F	26,000	32,000	25,000
OPERATING WEIGHT	550#	590#	500#
EER	9.00	9.00	9.00
COP @ 47° F	3.00	3.00	3.00
COP @ 17° F	2.00	2.00	2.00

NOTES:
 PROVIDE SET-BACK THERMOSTAT.
 MODEL# SHOWN IS FOR UNIT WITH OPTIONAL AUXILIARY HEAT STRIP. IF HEAT STRIP IS NOT USED THE MCA AND MOCP MUST BE REVISED. HEAT STRIPS LARGER THAN THE SIZE SHOWN MAY NOT BE USED.
 MINIMUM OUTSIDE AIR SHALL BE NO LESS THAN 15 CFM PER EXPECTED OCCUPANT LOAD.
 THE UNIT SHALL UTILIZE DEMAND CONTROL VENTILATION, THE CO2 SENSOR SHALL BE LOCATED SO THAT IT IS NOT EXPECTED TO BE OBSTRUCTED BY FURNITURE OR EQUIPMENT AND SHALL BE INSTALLED NO LESS THAN 36" AFF AND NO MORE THAN 72" AFF.
 AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.
 AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL BE ACCEPTABLE WHEN THE NOMINAL TONNAGE DOES NOT EXCEED 5 TONS AND THE EER AND COP VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

10 EER

SINGLE PACKAGE VERTICAL HEAT PUMP SCHEDULE

	STANDARD	OPTION #1	OPTION #2
TAG	HP-1	HP-1	HP-1
NOMINAL TONNAGE	4.0 TONS	5 TONS	3.5 TONS
MANUFACTURER	BARD	BARD	BARD
MODEL#	S49H2-A05	S61H2-A05	S43H2-A04
CFM	1400	1450	1250
STATIC PRESSURE	0.2	0.2	0.15
DRIVE	DIRECT	DIRECT	DIRECT
MCA	65	69	55
MOCP	70	80	60
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#4/#8	#6/#10
DESIGN RETURN AIR (DBWB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	34,400	37,900	31,200
TOTAL COOLING @ 95° F	46,000	55,000	41,500
HEATING CAP. BTUH @ 47° F	45,000	52,000	39,000
HEATING CAP. BTUH @ 17° F	28,000	30,000	23,000
OPERATING WEIGHT	550#	580#	550#
EER	10.00	10.40	10.50
COP @ 47° F	3.00	3.00	3.20
COP @ 17° F	2.00	2.00	2.10

NOTES:
 PROVIDE SET-BACK THERMOSTAT.
 MODEL# SHOWN IS FOR UNIT WITH OPTIONAL AUXILIARY HEAT STRIP. IF HEAT STRIP IS NOT USED THE MCA AND MOCP MUST BE REVISED. HEAT STRIPS LARGER THAN THE SIZE SHOWN MAY NOT BE USED.
 MINIMUM OUTSIDE AIR SHALL BE NO LESS THAN 15 CFM PER EXPECTED OCCUPANT LOAD.
 THE UNIT SHALL UTILIZE DEMAND CONTROL VENTILATION, THE CO2 SENSOR SHALL BE LOCATED SO THAT IT IS NOT EXPECTED TO BE OBSTRUCTED BY FURNITURE OR EQUIPMENT AND SHALL BE INSTALLED NO LESS THAN 36" AFF AND NO MORE THAN 72" AFF.
 AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.
 AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL BE ACCEPTABLE WHEN THE NOMINAL TONNAGE DOES NOT EXCEED 5 TONS AND THE EER AND COP VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

9 EER (GAS ALTERNATE)

SINGLE PACKAGE VERTICAL AIR CONDITIONER WITH GAS FURNACE

	STANDARD	OPTION #1	OPTION #2
TAG	AC-1	AC-1	AC-1
NOMINAL TONNAGE	4.0 TONS	5 TONS	3.5 TONS
MANUFACTURER	BARD	BARD	BARD
MODEL#	W48G2-AXB	W60G2-AXB	W42G2-AXB
CFM	1600	1750	1300
STATIC PRESSURE	0.2	0.2	0.2
DRIVE	DIRECT	DIRECT	DIRECT
MCA	38	40	32
MOCP	50	60	50
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#6/#10	#6/#10
DESIGN RETURN AIR (DBWB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	35,600	40,700	30,500
TOTAL COOLING @ 95° F	46,000	57,000	40,500
HEATING INPUT	75,000	75,000	75,000
HEATING OUTPUT	61,500	61,500	61,500
OPERATING WEIGHT	710#	725#	700#
EER	9.7	9.8	9.8
THERMAL EFFICIENCY (TE)	82	82	82

NOTES:
 PROVIDE SET-BACK THERMOSTAT.
 MINIMUM OUTSIDE AIR SHALL BE NO LESS THAN 15 CFM PER EXPECTED OCCUPANT LOAD.
 THE UNIT SHALL UTILIZE DEMAND CONTROL VENTILATION, THE CO2 SENSOR SHALL BE LOCATED SO THAT IT IS NOT EXPECTED TO BE OBSTRUCTED BY FURNITURE OR EQUIPMENT AND SHALL BE INSTALLED NO LESS THAN 36" AFF AND NO MORE THAN 72" AFF.
 AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.
 AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL BE ACCEPTABLE WHEN THE NOMINAL TONNAGE DOES NOT EXCEED 5 TONS AND THE EER AND TE VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

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 DIV. OF THE STATE ARCHITECT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS [] FLS [] ACS []
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.

"BUILDING FOR THE NEXT GENERATION"

SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
MECHANICAL PLAN WALL MOUNT 24' x 40'

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS [] FLS [] SS [] RAE []
 DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 ACS [] FLS [] SS [] RAE []
 DATE: AUG - 4 2015

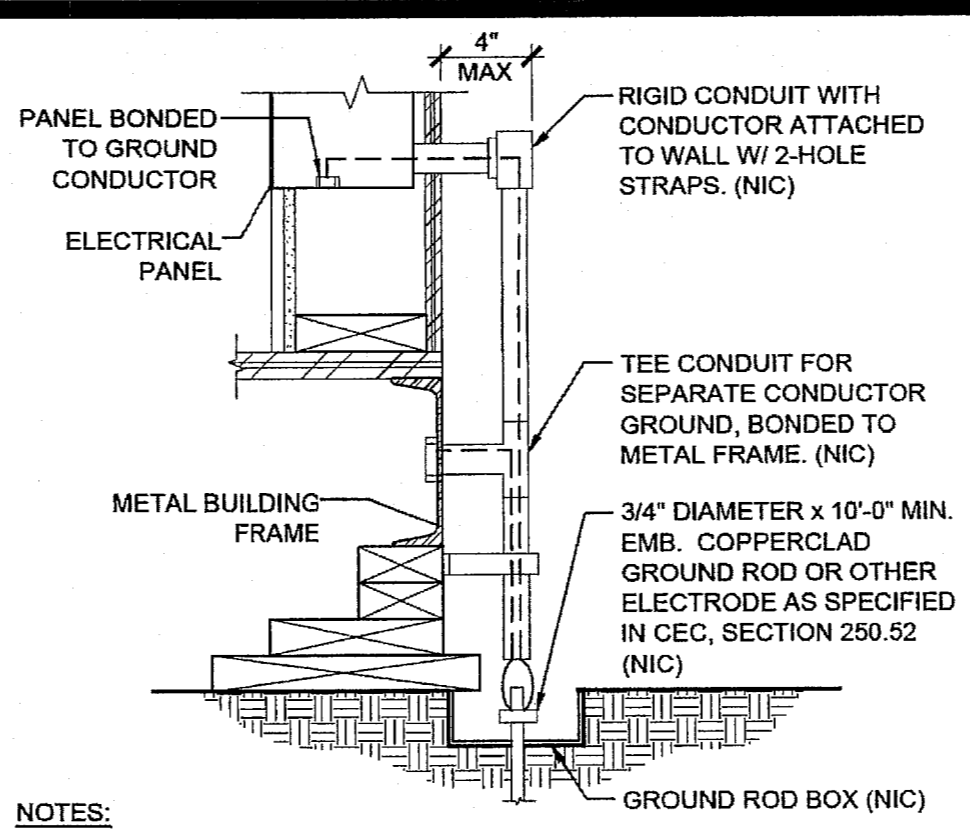
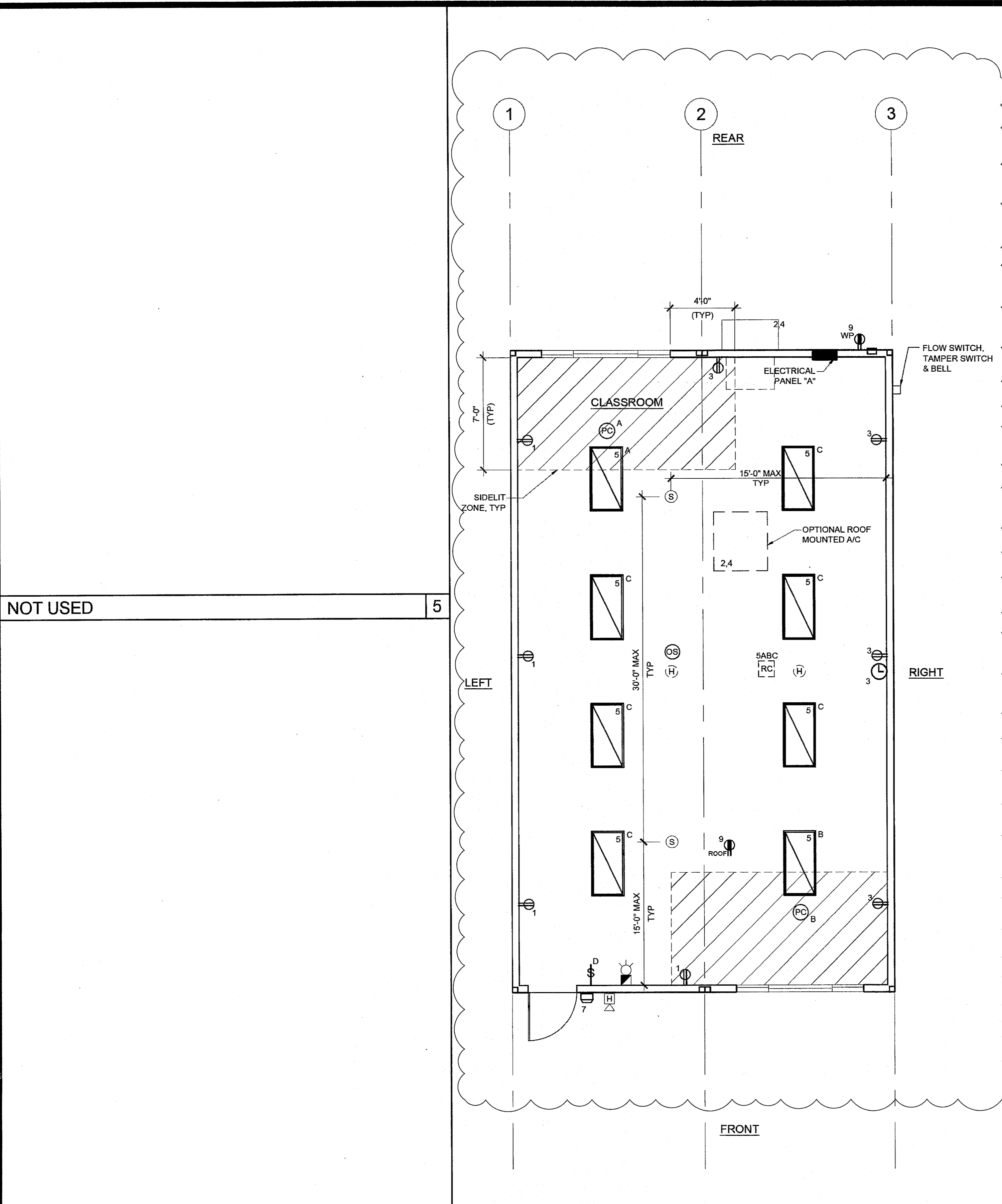
REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

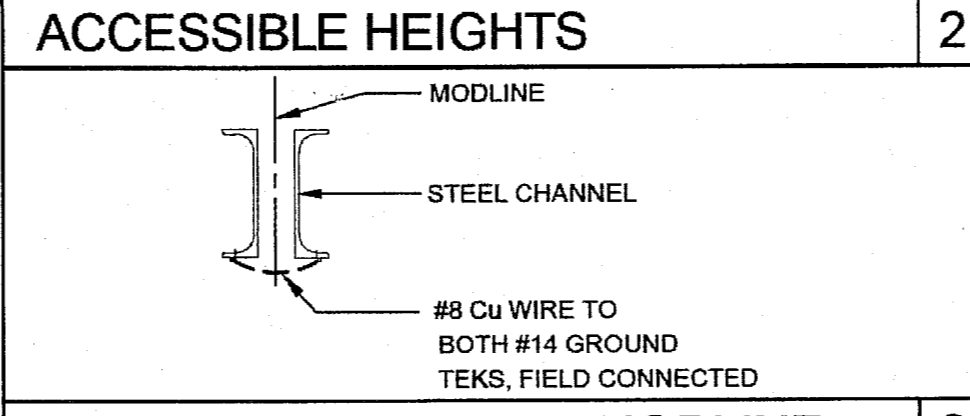
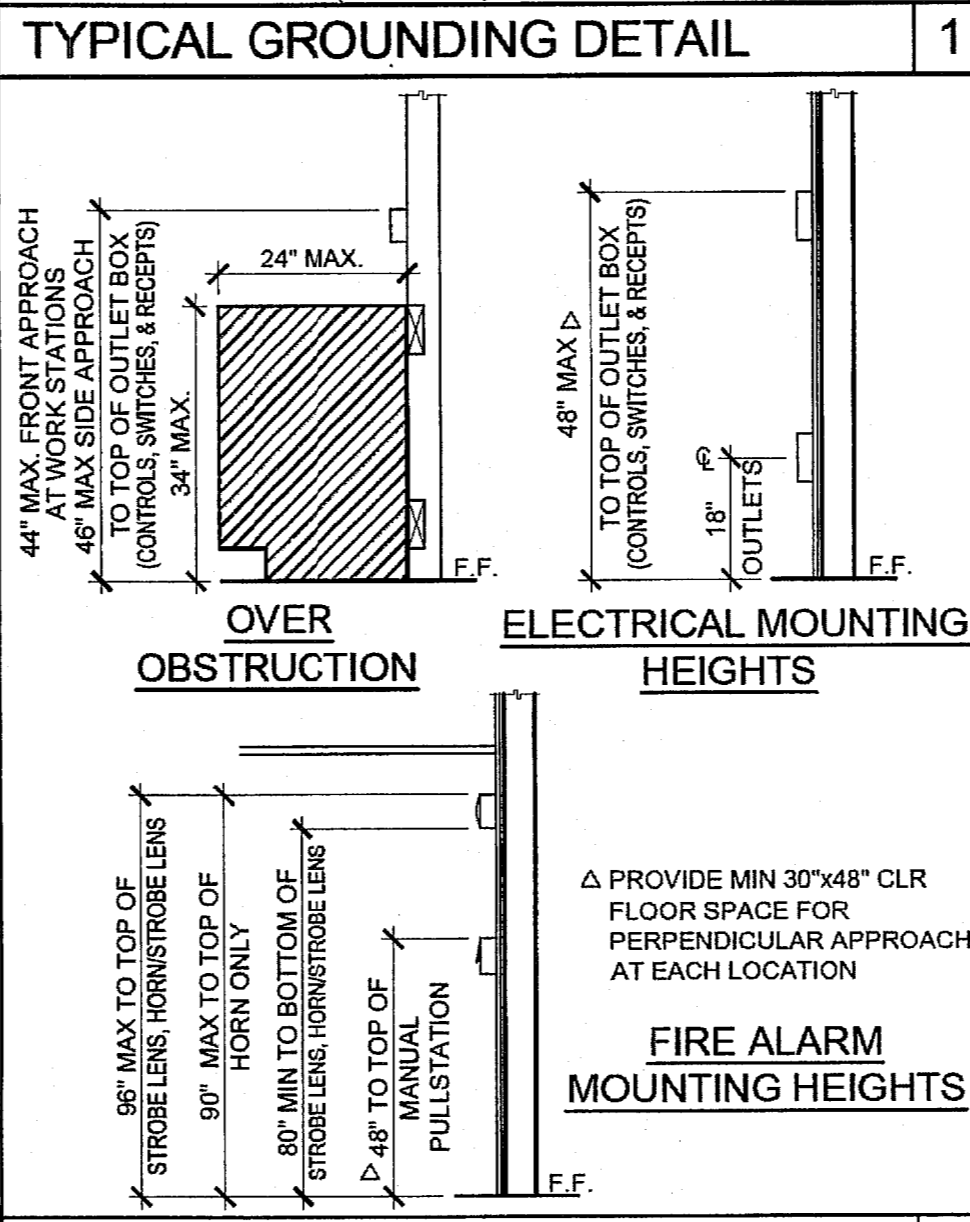
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
M-1.01

REFER TO SHEET "M-1.01N" FOR PROJECT SPECIFIC



- NOTES:**
1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66
 2. ELEC. TRADE SHALL CHECK AREA FOR EXISTING CONDUITS, SEWER, GAS & WATER PIPING BEFORE DRIVING GROUND RODS.
 3. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELEC'L. PANEL & TO METAL BUILDING FRAME (CEC 250.52) IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250.52)
 4. ALL MODULES OF METAL FRAME BLDGS. SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING). BONDING SHALL INCLUDE METAL RAMP.
 5. CHECK RESISTANT TO GROUND ROD, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0\"/>



GROUND JUMPER AT MODLINE

GENERAL GROUNDING NOTES
EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4\"/>

TESTING: TEST FOR RESISTANCE TO GROUND, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0\"/>

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.

GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

SCHOOL EQUIPMENT ANCHORAGE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
 2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
 3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.
- THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 10.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.8 AND 2013 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #).

COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AN BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

FIRE ALARM NOTES

1. SMOKE AND HEAT DETECTOR CONDUIT AND DEVICES PROVIDED AND INTERCONNECTED BY OTHERS TO FIRE ALARM SYSTEM
2. PROVIDE DEDICATED FIRE ALARM 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT". NFPA 72, 10.6.5.2.

CONDUIT FILL AND CONDUCTOR CAPACITY TABLE

(ALL CONDUCTORS SHALL BE TYPE THHN/THWN 75 DEG. C. COPPER)

WIRE SIZE	CAPACITY	WIRE TYPE	NO. OF CONDUCTOR PERMITTED		
			1/2" C	3/4" C	1" C
#12	20A	THHN	9	16	25
#10	30A	THHN	5	10	16
#8	45A	THHN	2	5	8
#6	65A	THHN	1	3	5
#4	95A	THHN	1	2	4

JUNCTION BOX SIZE TABLE

BOX	SIZE	CU. IN.	MAX NO. OF CONDUCTORS			
			#12	#10	#8	#6
4SS	1 1/4" x 4" SQ	18.0	8	7	6	0
4S	1 1/2" x 4" SQ	21.0	9	8	7	0
4SD	2 1/8" x 4" SQ	30.3	13	12	10	6
4SX	2 7/8" x 4" SQ	43.5	23	21	17	10
5SD	2 1/8" x 4-11/16" SQ	42.0	18	16	14	6
5SX	3 7/8" x 4-11/16" SQ	86.0	38	34	28	17
664	4" x 6" SQ	144.0	64	57	48	28

* DEDUCT ONE CONDUCTOR FOR (1) OR MORE ROUNDING CONDUCTORS ENTERING THE BOX

LEGEND

-
- WALL MOUNTED HVAC UNIT. SEE MECHANICAL DWGS
- ROOF MOUNTED HVAC UNIT-SEE MECHANICAL DWGS
- ELECTRICAL PANEL AT +60\"/>
- CEILING MOUNTED OCCUPANCY SENSOR, WATTSTOPPER #LMPC-100 OR EQUAL
- CEILING MOUNTED PHOTOCELL, WATTSTOPPER #MLS-500
- ULTRASONIC CEILING OCCUPANCY SENSOR, WATTSTOPPER #W500A OR EQUAL. SENSOR TO BE CONNECTED TO KEYPED LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
- SINGLE SWITCH WALL OCCUPANCY SENSOR, WATTSTOPPER #LWRC-2XX
- LIGHTING MANAGEMENT SYSTEM ROOM CONTROLLER, INSTALLED ABOVE CEILING, LOCATION AND # OF LOADS/ZONES TO BE VERIFIED, WATTSTOPPER #LMRC-2XX
- SINGLE BUTTON DIMMER SWITCH, AT +48\"/>
- LIGHT SWITCH. MOUNT AT +48\"/>
- 3-WAY LIGHT SWITCH. MOUNT AT +48\"/>
- DUPLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18\"/>
- EXTERIOR WEATHER PROOF GFI RECEPTACLE AT +24\"/>
- GROUND FAULT CIRCUIT INTERRUPT RECEPTACLE WITHIN 6'-0\"/>
- ROOF MOUNTED WEATHER PROOF GFI RECEPTACLE
- EXTERIOR LED LIGHT FIXTURE W/ 90 MIN. EMERGENCY BATTERY BACKUP WHEN "EM" IS DESIGNATED NEXT TO FIXTURE W/ PHOTOCELL. W/ 30W MAX. MOUNT AT +93\"/>
- CLOCK OUTLET AT +90\"/>
- 4SD J-BOX FOR FIRE ALARM PULL STATION (DEVICE BY OTHERS). MOUNT AT +48\"/>
- 4SD J-BOX FOR FIRE ALARM STROBE OR VOICE EVAC SPEAKER (DEVICE BY OTHERS). BOTTOM OF LENS SHALL BE BETWEEN 80\"/>
- 4SD J-BOX IN ATTIC FOR FIRE ALARM HORN (DEVICE BY OTHERS). MOUNT AT +90\"/>
- 4SD J-BOX FOR EXTERIOR FIRE ALARM HORN (DEVICE BY OTHERS). MOUNT AT +90\"/>
- RECESSED 4SD J-BOX W/ COVER PLATE FOR FUTURE FIRE ALARM SYSTEM BY OTHERS. MOUNT AT +18\"/>
- 4SD J-BOX IN ATTIC FOR CEILING MOUNTED SMOKE DETECTOR (DEVICE BY OTHERS). MAXIMUM 21'-0\"/>
- 4SD J-BOX IN ATTIC FOR HEAT DETECTOR (DEVICE BY OTHERS). PROVIDE A 6'-0\"/>
- 4SD J-BOX IN ATTIC FOR ATTIC MOUNTED HEAT DETECTOR (DEVICE BY OTHERS). MAXIMUM 35'-0\"/>
- 4SD J-BOX BETWEEN THEM. PROVIDE A 6'-0\"/>
- 4SD J-BOX FOR WATER HEATER LOCATE ABOVE CEILING W/ COVER PLATE, HARD WIRE TO UNIT
- 100 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS, LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING - MODEL 24.0T.332.2T8A12L41K4 WATTAGE: 32W T8 (48\"/>

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APP. 03-119509 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.

"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
**ELECTRICAL PLAN AND SCHEDULE
24' x 40'**

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 11 6284
ACS [] FLS [] ACS []
DATE: MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
DATE: AUG 9 2015

REVISIONS

NO.	DATE	DESCRIPTION

ELECTRICAL PANEL

VOLTS: 120/208V
MAIN: 100 A

PANEL: "A" WALL MOUNTED HVAC
LOCATION: INTERIOR ACCESS
FEED: REAR
MOUNTING: FLUSH

LOAD	QTY	WATTS	BREAKER		WATTS	QTY	LOAD
			Amps	P			
RECEPTACLES	4	720	20	1	720	4	4 TON HVAC - WALL MOUNT (4 KW)
RECEPTACLES/CLOCK	5	900	20	1	6670	1	
INTERIOR LIGHTING	8	960	20	1			
EXTERIOR LIGHTING	1	40	20	1			
WALL RECEPTACLE (GFI)	1	180	20	1			
					40		DED. - SOLAR READY
					40		DED. - SOLAR READY
							FIRE ALARM (NOTE #2)
A = 8530	WATTS / PHASE		1860	940	6670	6710	B = 7650
TOTAL = 16,180	WATTS		78	AMPS	120/208	VOLTS	1 Ø
							3 WIRE

ELECTRICAL PLAN

VOLTS: 120/208V
MAIN: 100 A

PANEL: "A" ROOF MOUNTED HVAC
LOCATION: INTERIOR ACCESS
FEED: REAR
MOUNTING: FLUSH

LOAD	QTY	WATTS	BREAKER		WATTS	QTY	LOAD
			Amps	P			
RECEPTACLES	4	720	20	1	720	4	4 TON HVAC - ROOF MOUNT (5 KW)
RECEPTACLES/CLOCK	5	900	20	1	7360	1	
INTERIOR LIGHTING	8	960	20	1			
EXTERIOR LIGHTING	1	40	20	1			
ROOF RECEPTACLE (GFI)	1	180	20	1			
					40		DED. - SOLAR READY
					40		DED. - SOLAR READY
							FIRE ALARM (NOTE #2)
A = 9220	WATTS / PHASE		1860	940	7360	7400	B = 8340
TOTAL = 17,960	WATTS		84	AMPS	120/208	VOLTS	1 Ø
							3 WIRE

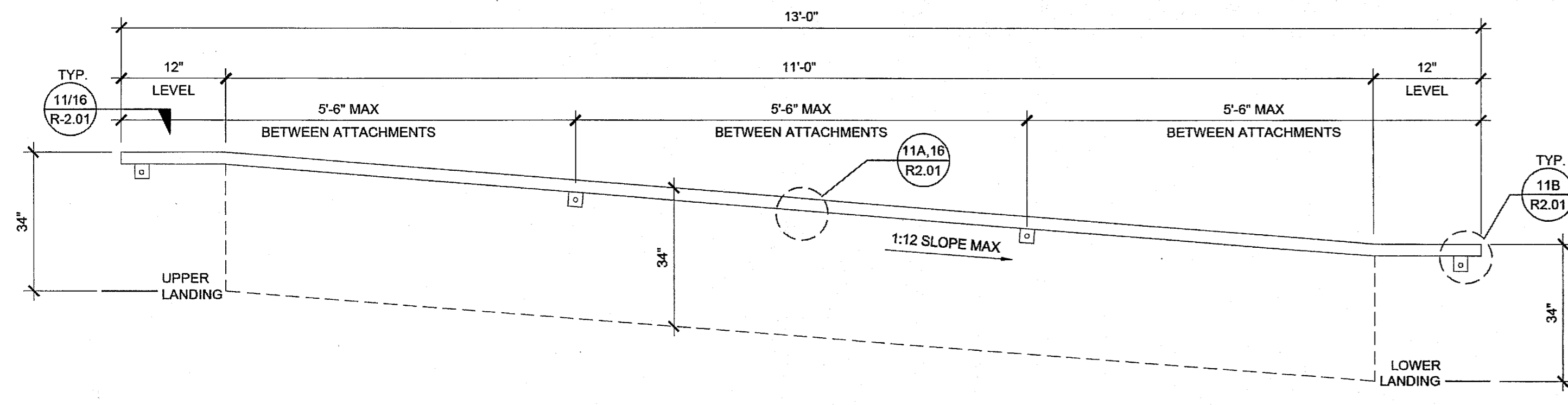
NOTE: PROVIDE A MINIMUM OF 72 SF SOLAR READY AREA PER MODULE. AREA TO BE A MINIMUM OF 5' IN ANY DIRECTION WITH A MINIMUM SPACE OF 80 SF PER BUILDING.

SILVER CREEK INDUSTRIES
24' x 40' PC - 2.12 PITCH

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 01-30-15

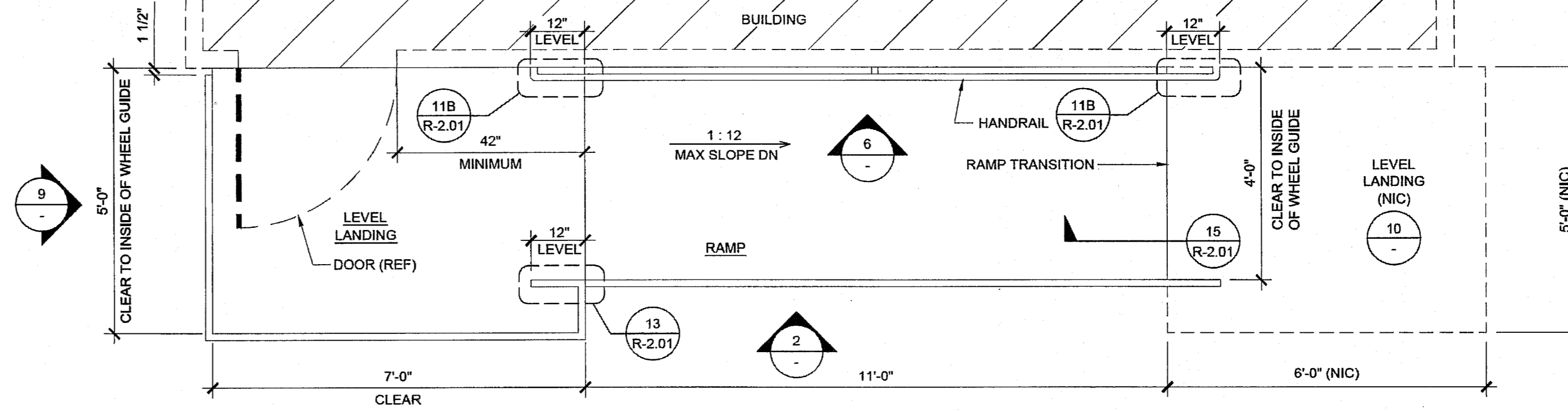
P.C. SHEET NUMBER
E-1.01

REFER TO SHEET "E-1.01N" FOR PROJECT SPECIFIC



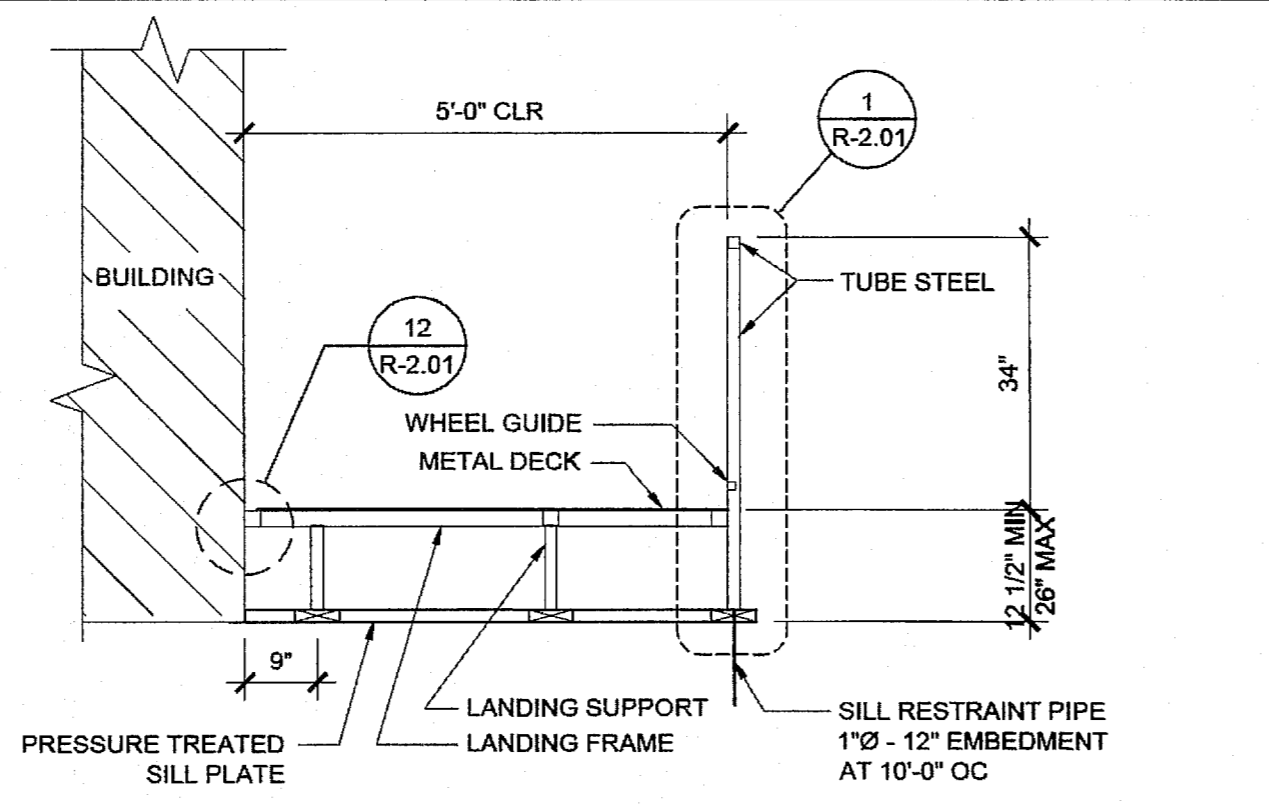
HANDRAIL ATTACHMENT TO BUILDING

SCALE: 1" = 1'-0"



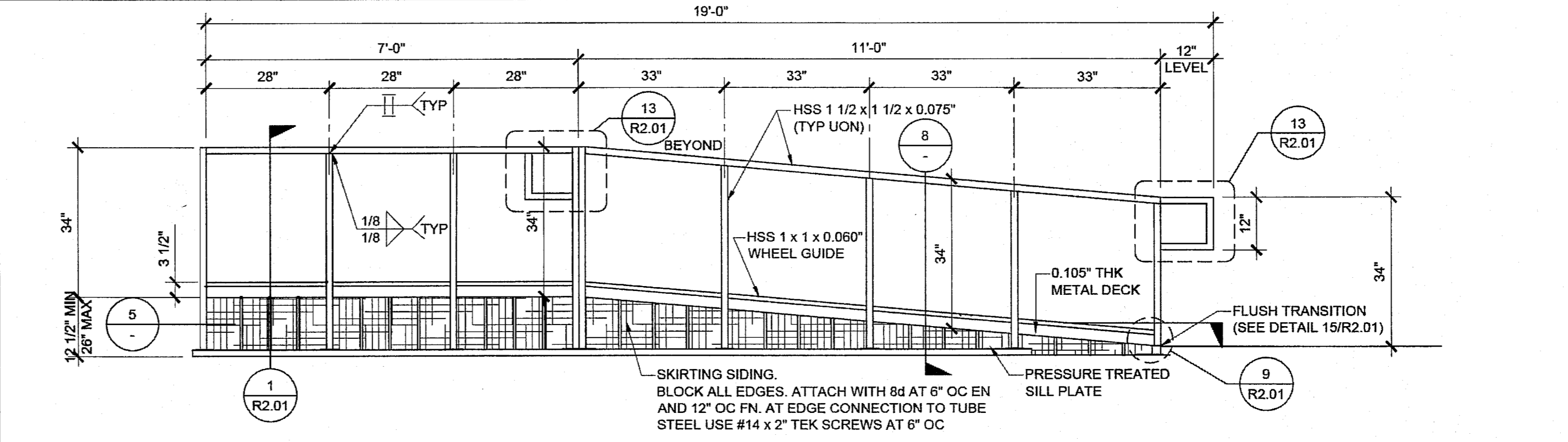
RAMP AND LANDING AT BUILDING

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



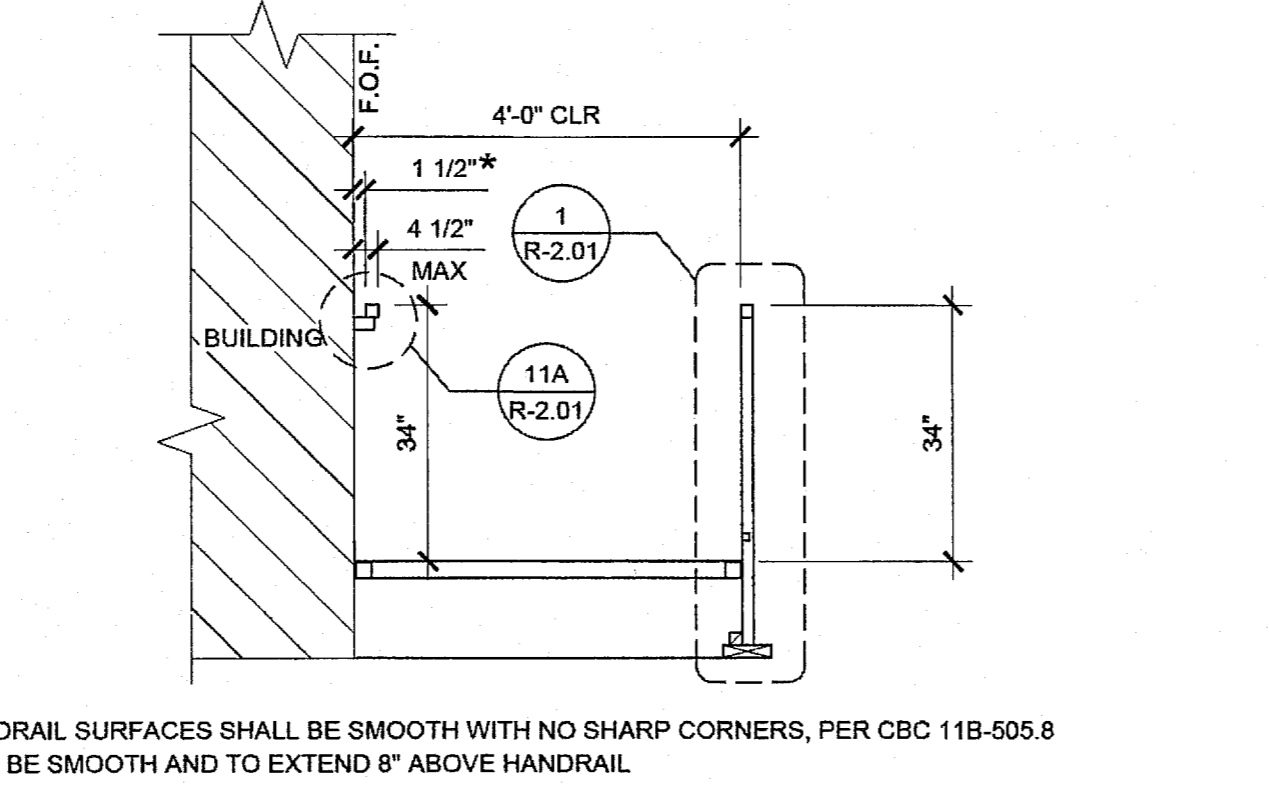
SECTION AT LANDING

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



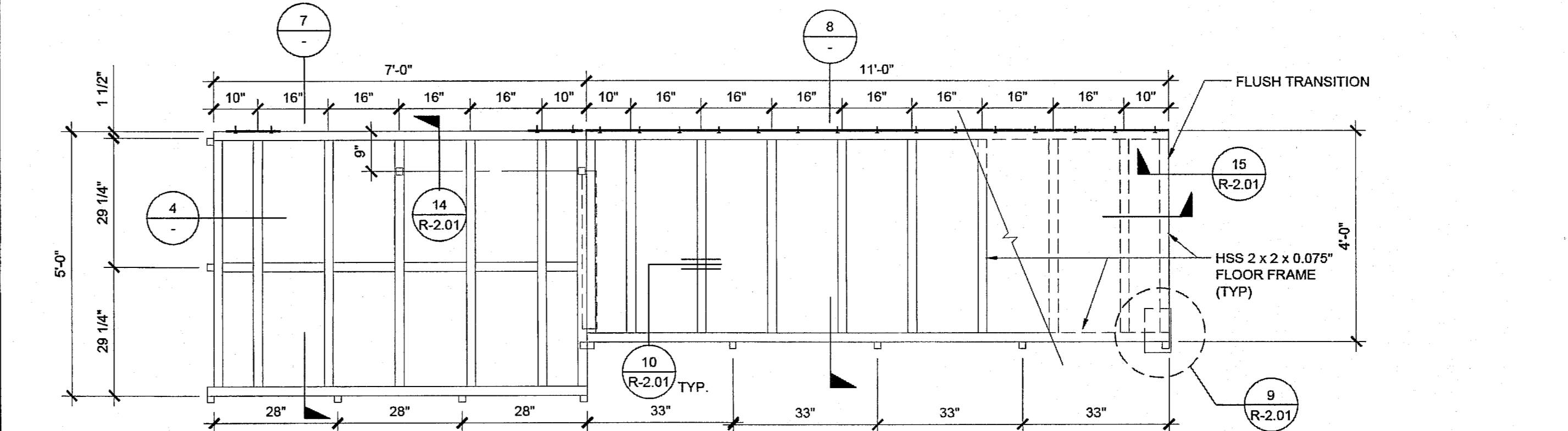
RAMP AND LANDING ELEVATION

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



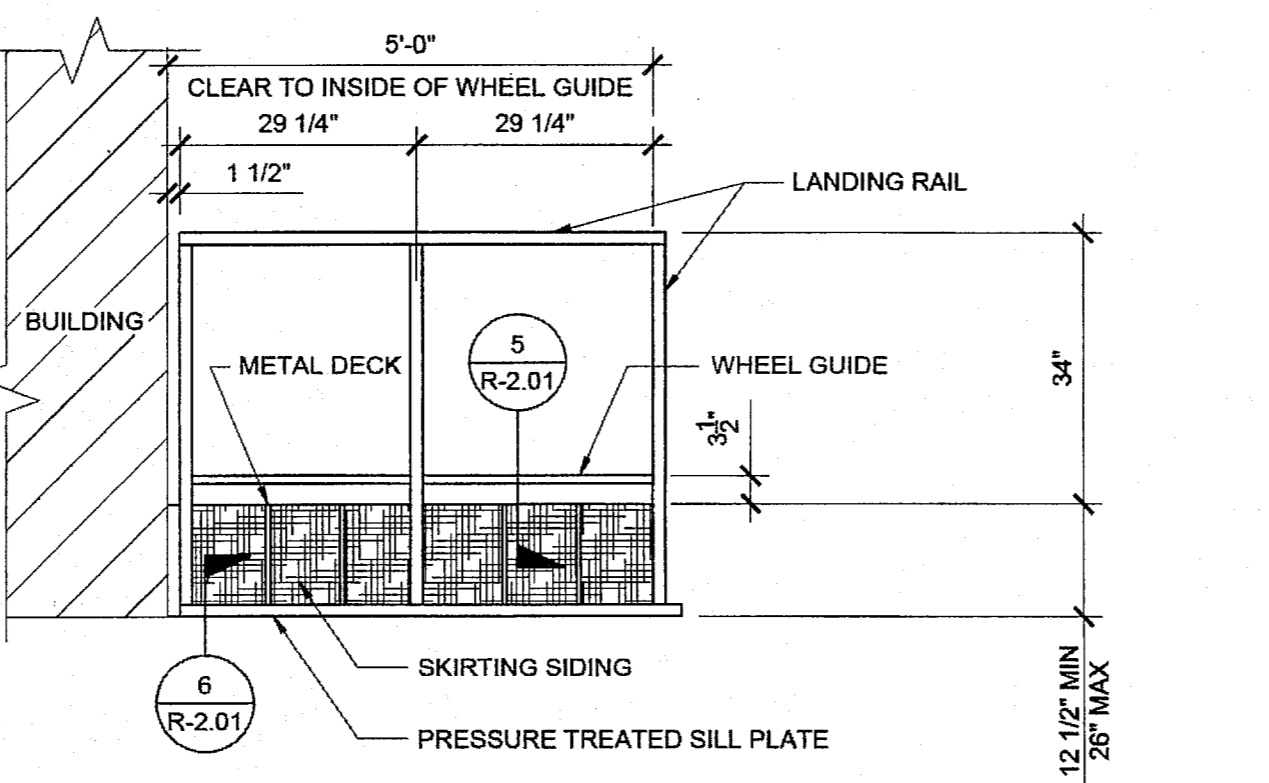
SECTION AT RAMP

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



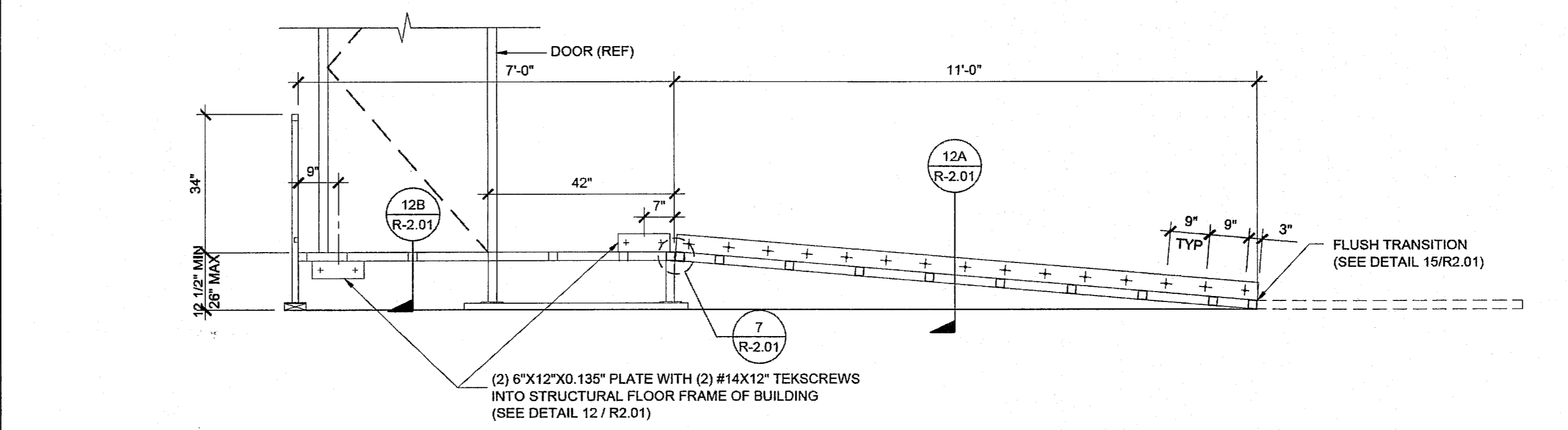
RAMP FRAMING PLAN

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



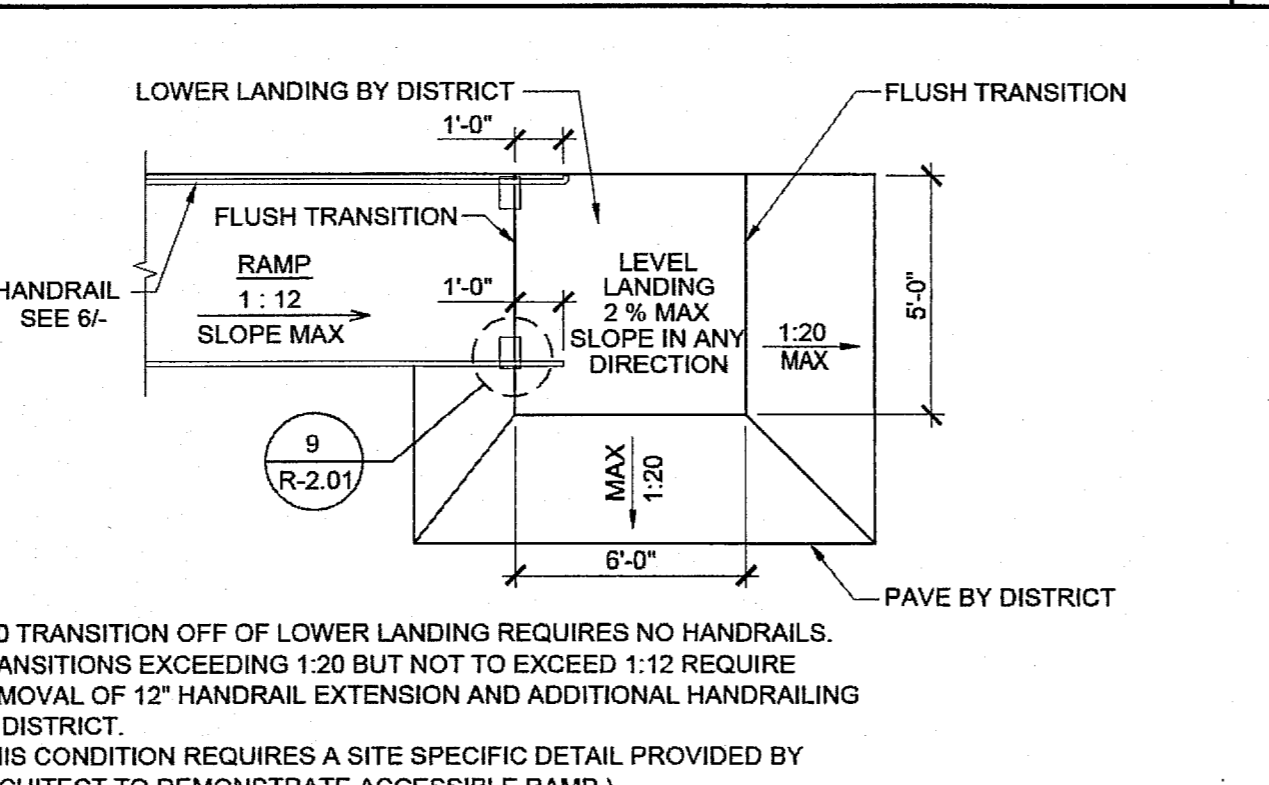
LANDING ELEVATION

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



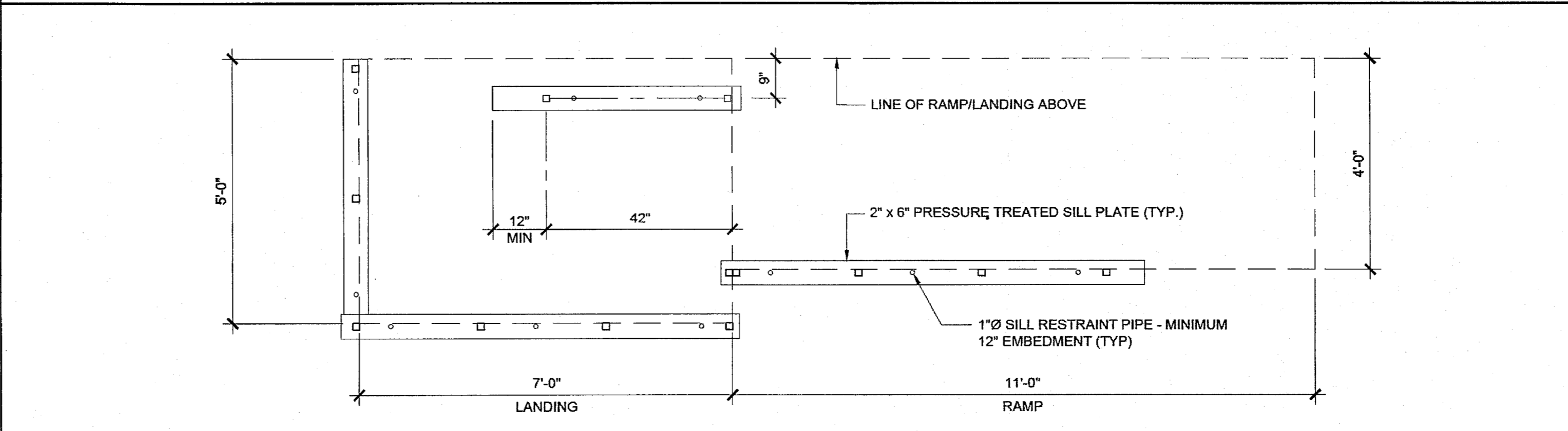
SECTION AT RAMP AND LANDING

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



RAMP TRANSITION

SCALE: NTS



SILL PLAN FOR RAMP AND LANDING

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

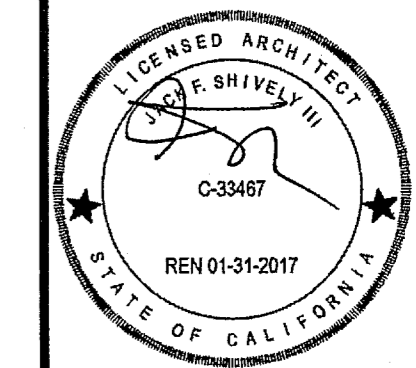
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 FOR THE PURPOSES OF THE ARCHITECTURE ACT
 APP. 03-119509 INC.
 REVIEWED FOR
 SS [] FLS [] ACS []
 DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
 "BUILDING FOR THE NEXT GENERATION"
 SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
RAMP LANDING



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 116284
 ACS [] FLS [] SS [] R-1
 DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114102
 DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15

P.C. SHEET NUMBER
R-1.01

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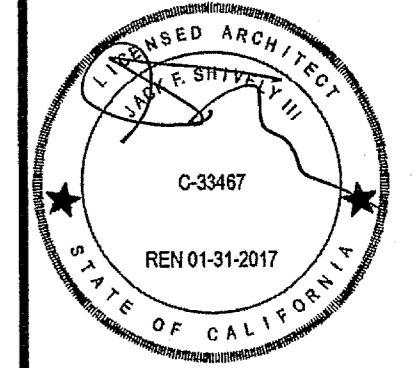
APP: 03-119509 INC. REVIEWED FOR: [] FLS [] ACS [] DATE: 10/1/2019

SILVER CREEK INDUSTRIES, INC.
 'BUILDING FOR THE NEXT GENERATION'

SILVER CREEK
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:
RAMP DETAILS



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 11 6284
 ACS [] FLS [] SS RAF
 DATE MAY 18 2017

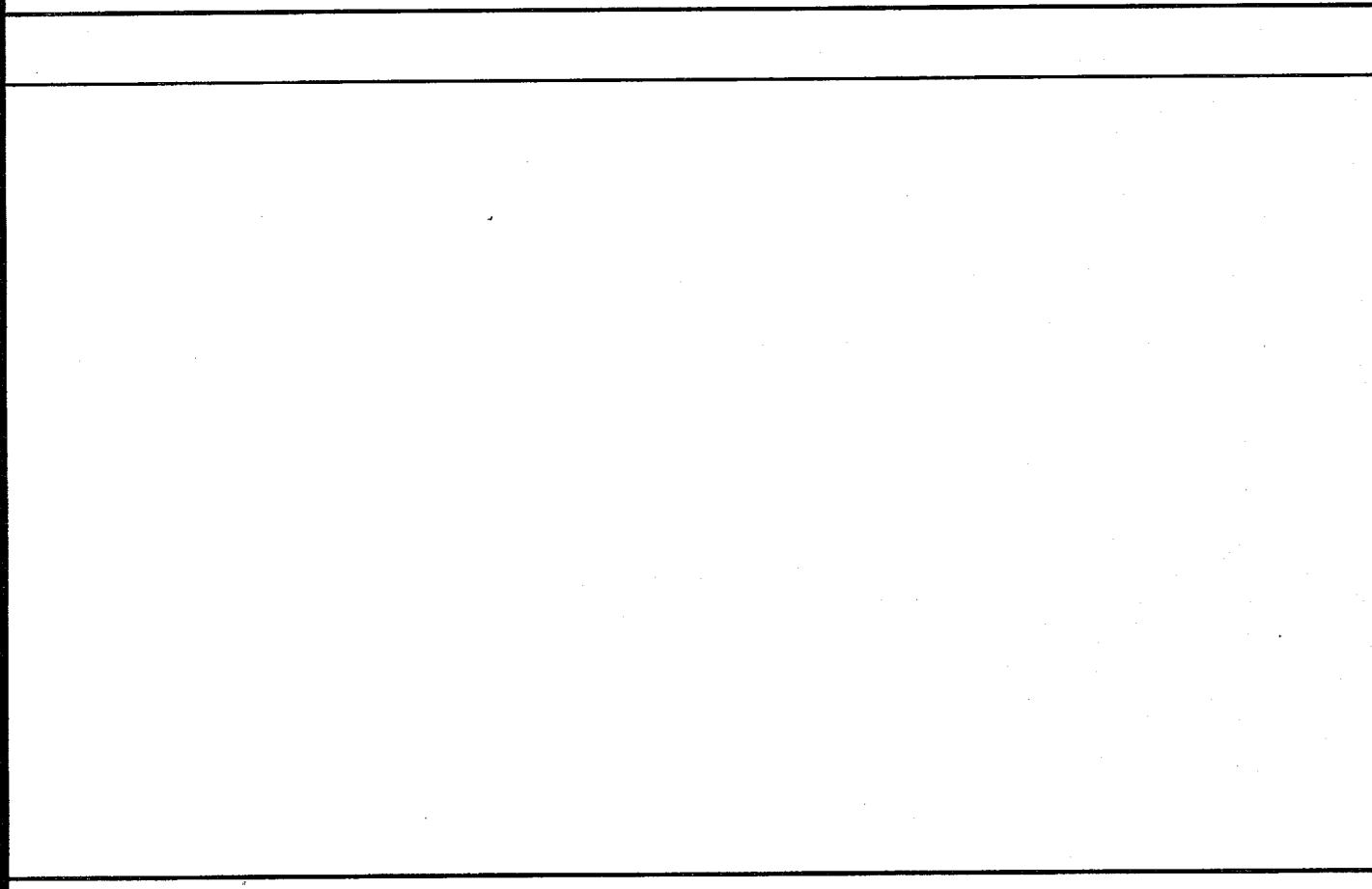
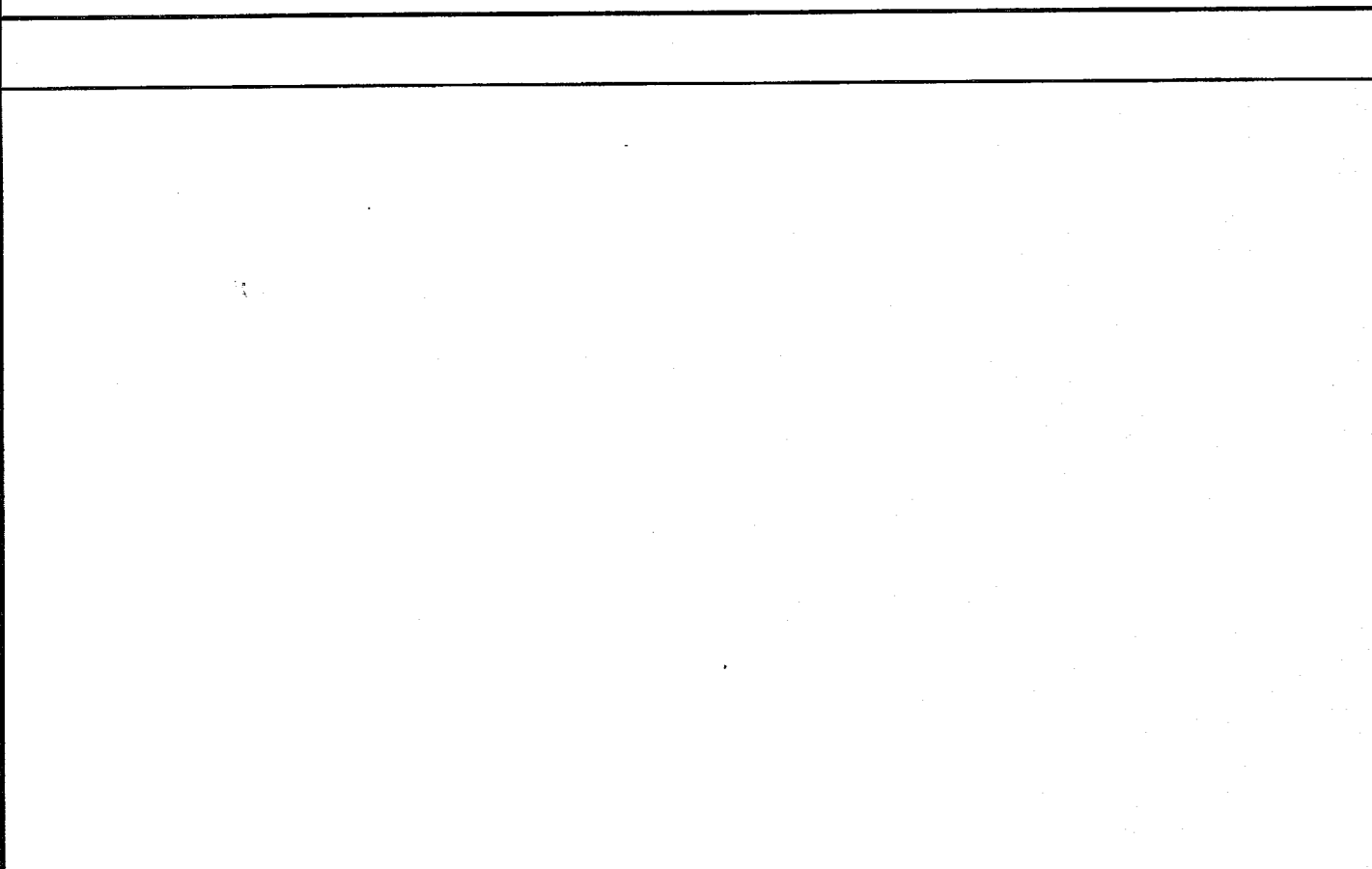
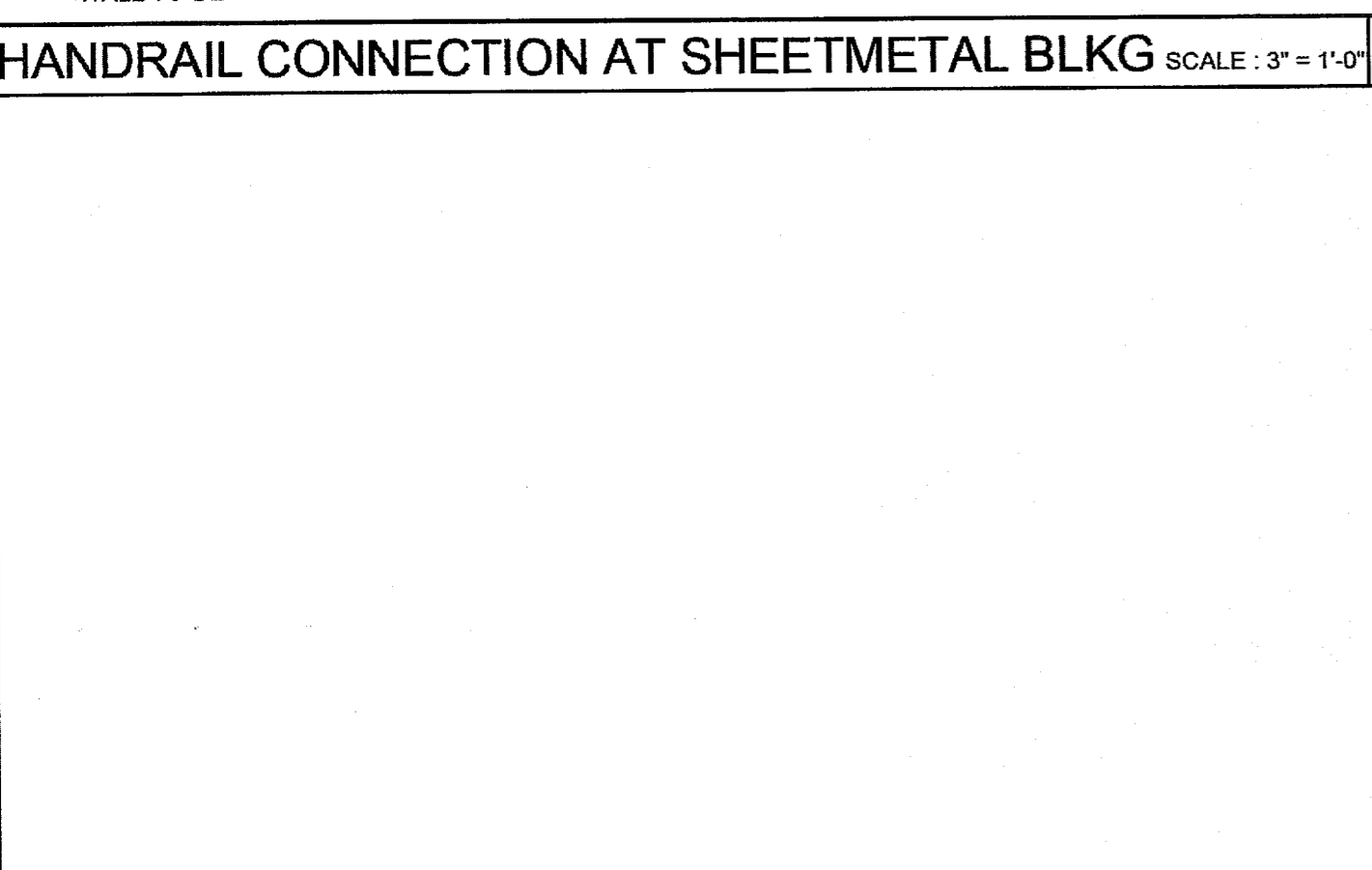
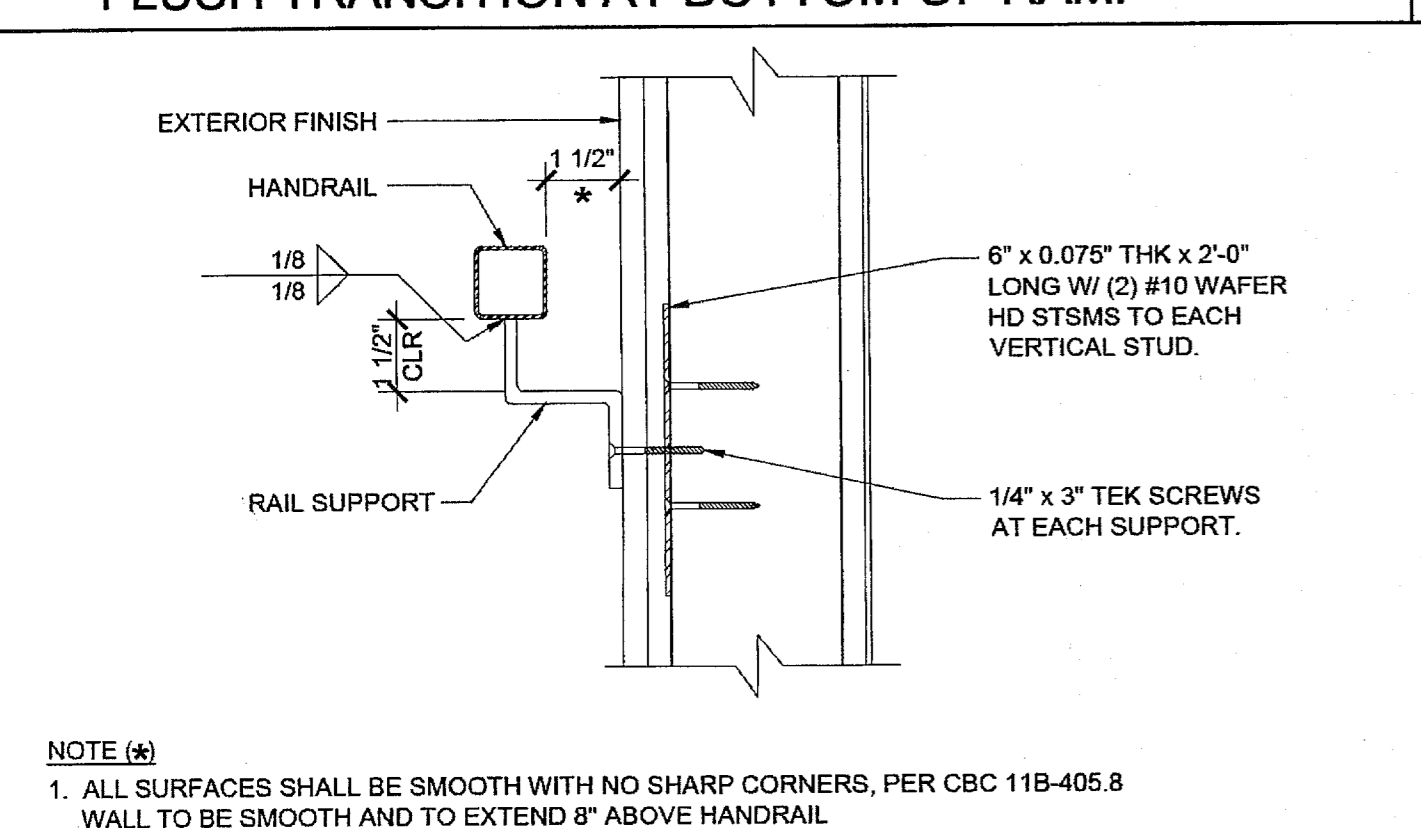
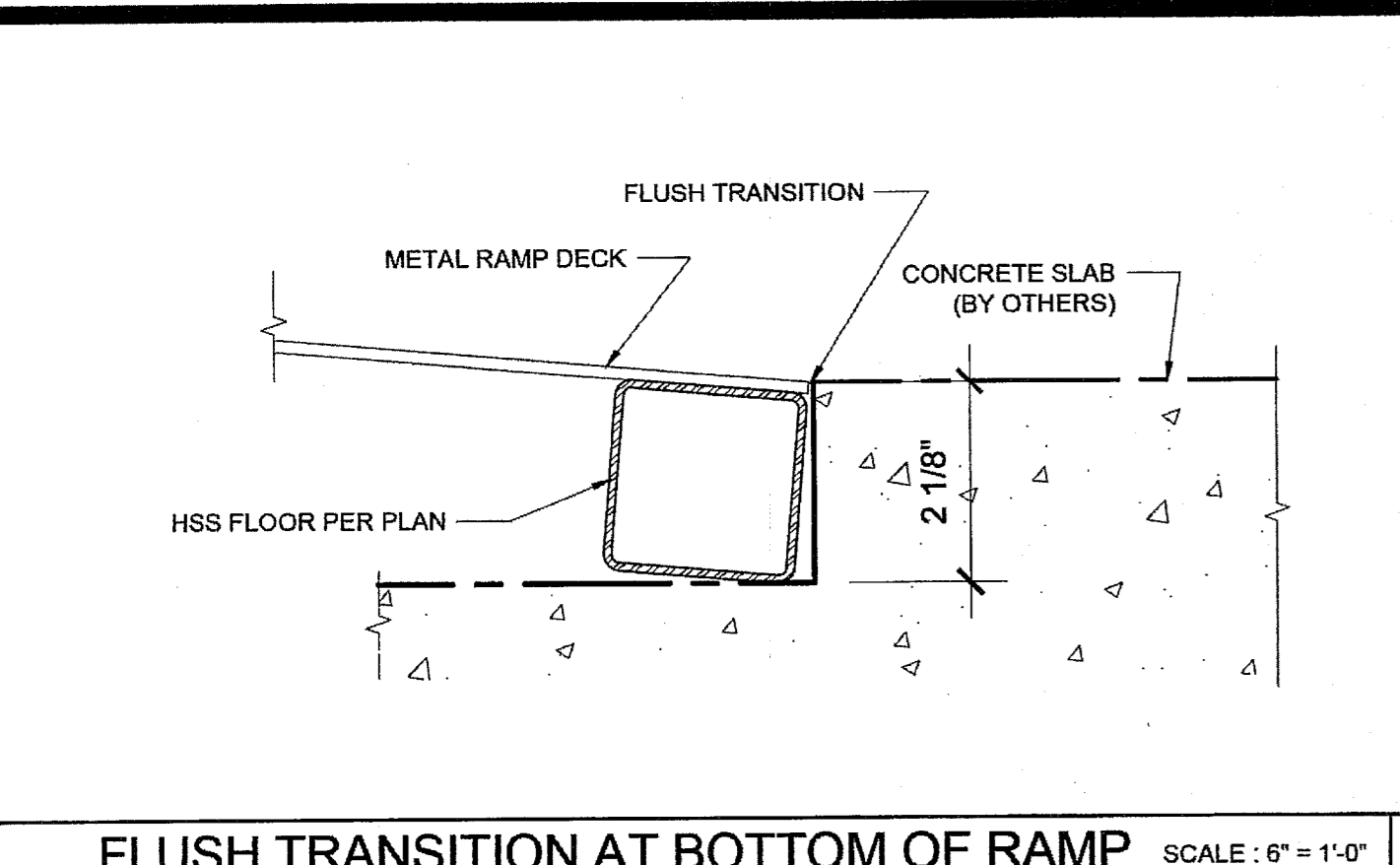
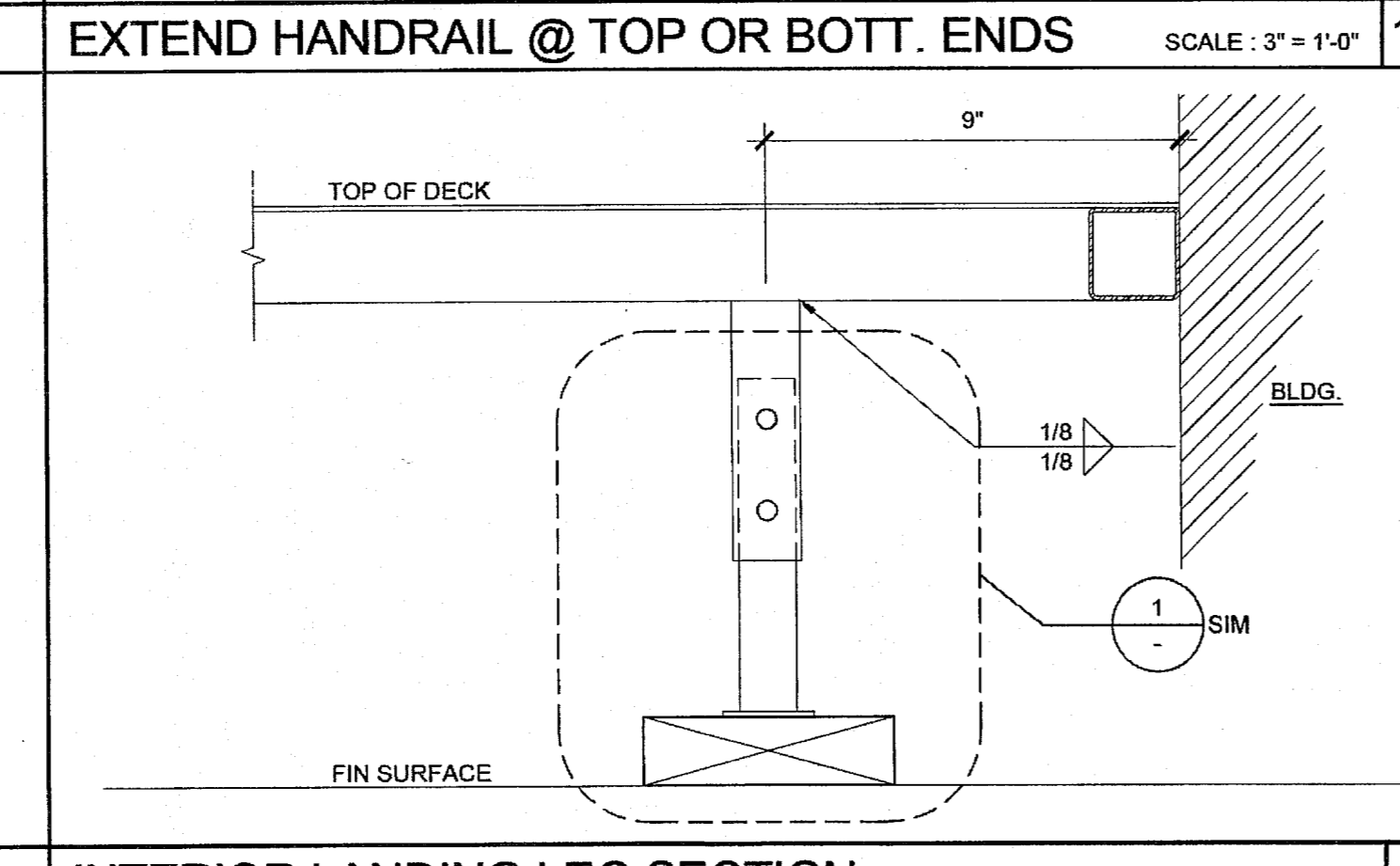
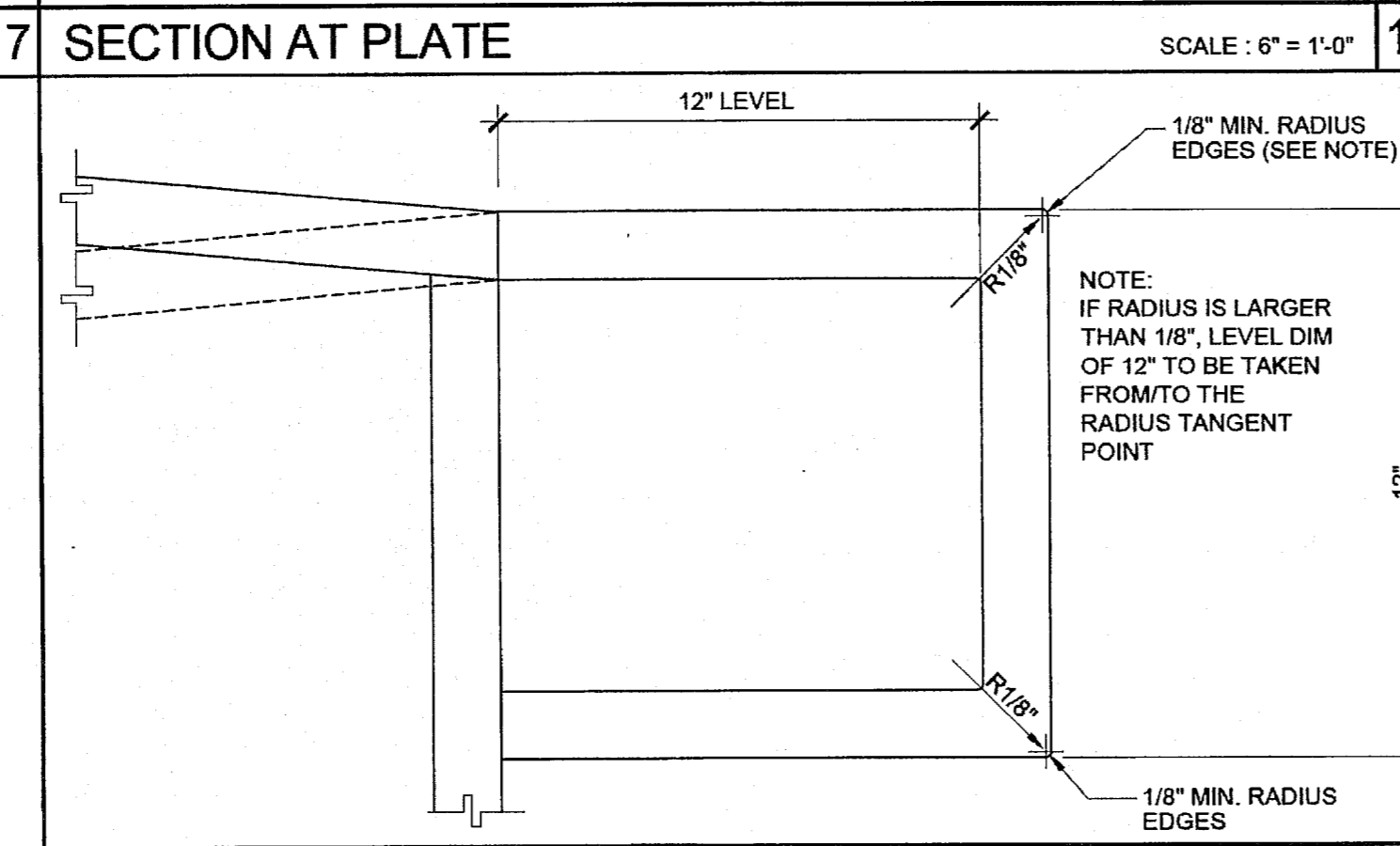
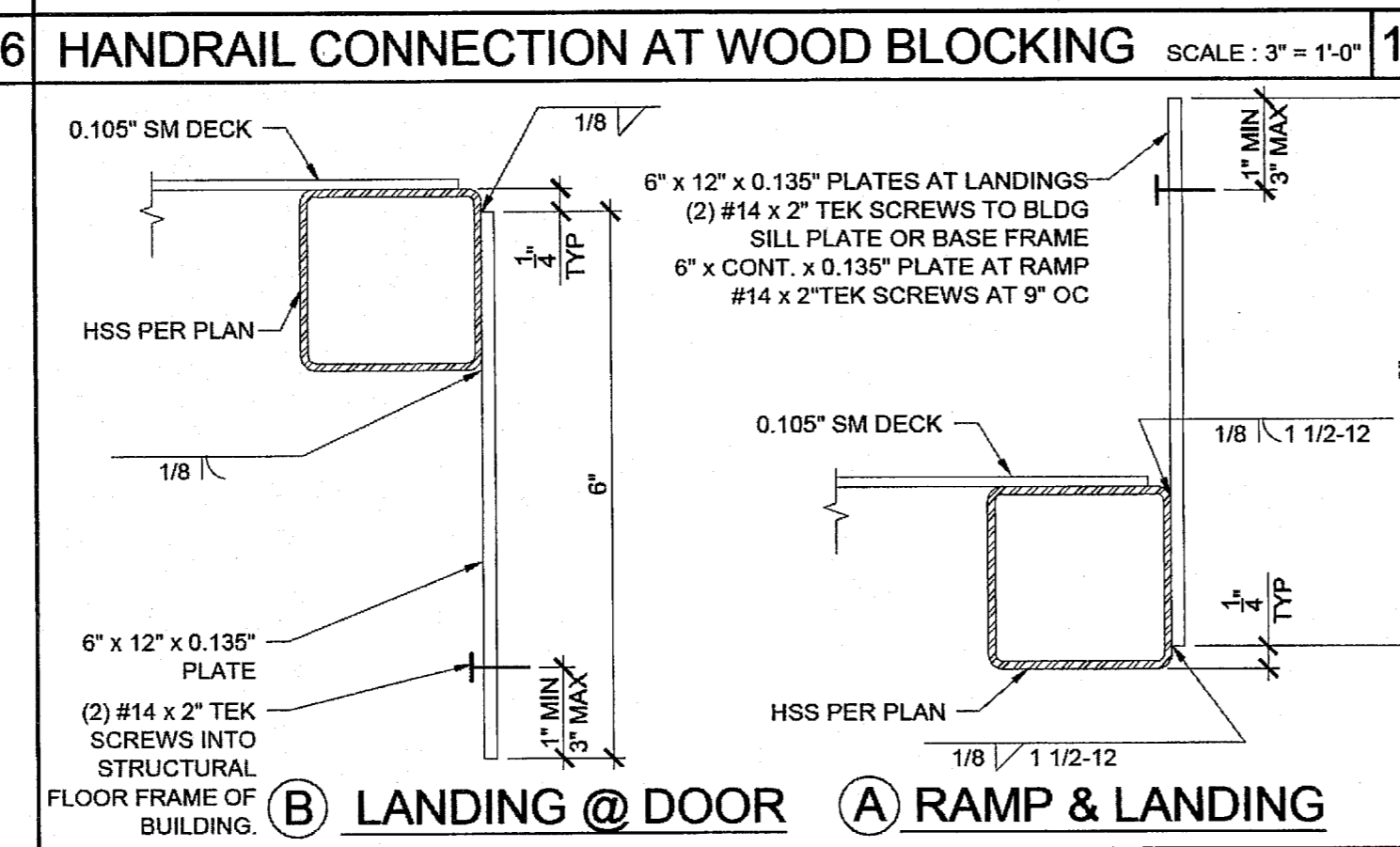
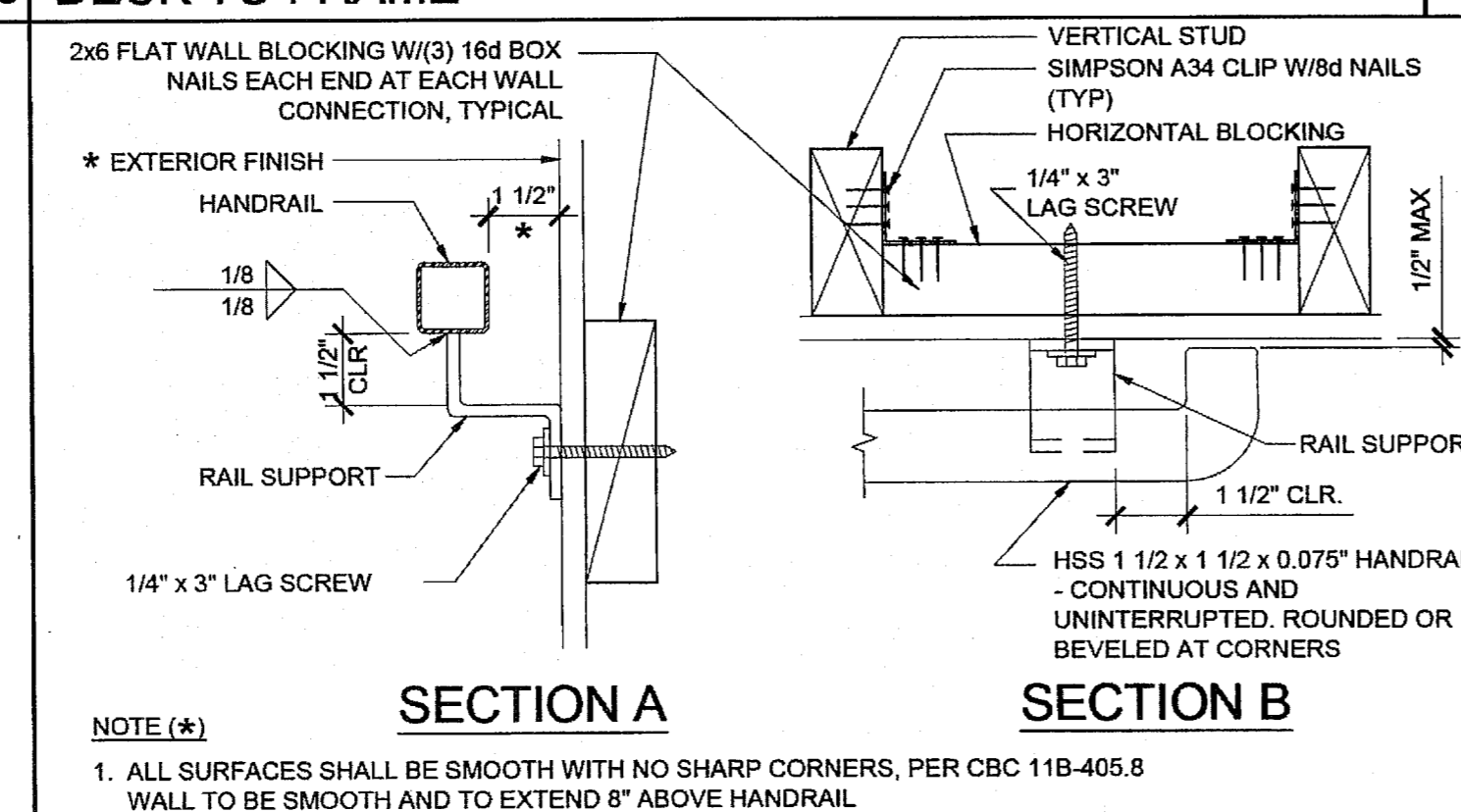
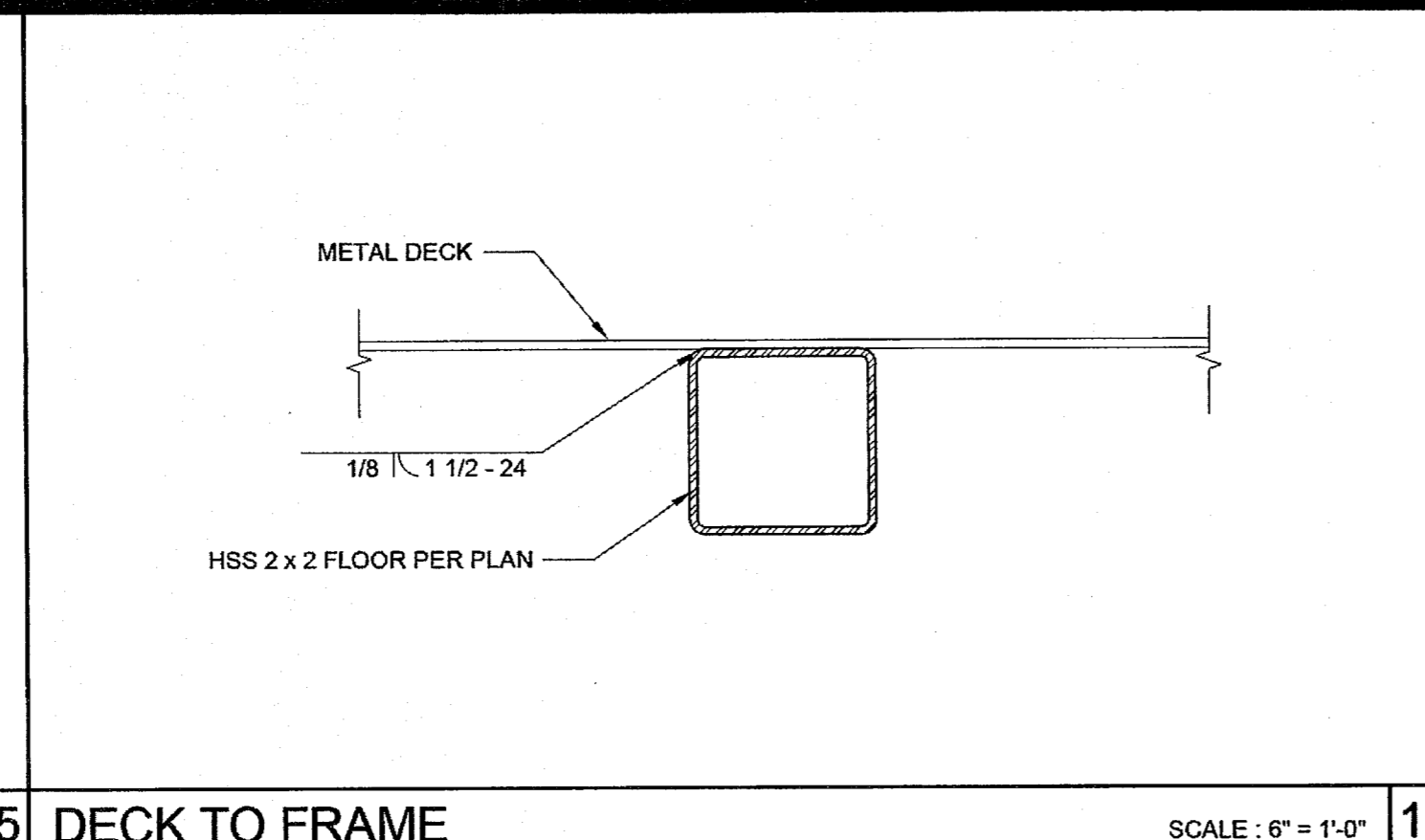
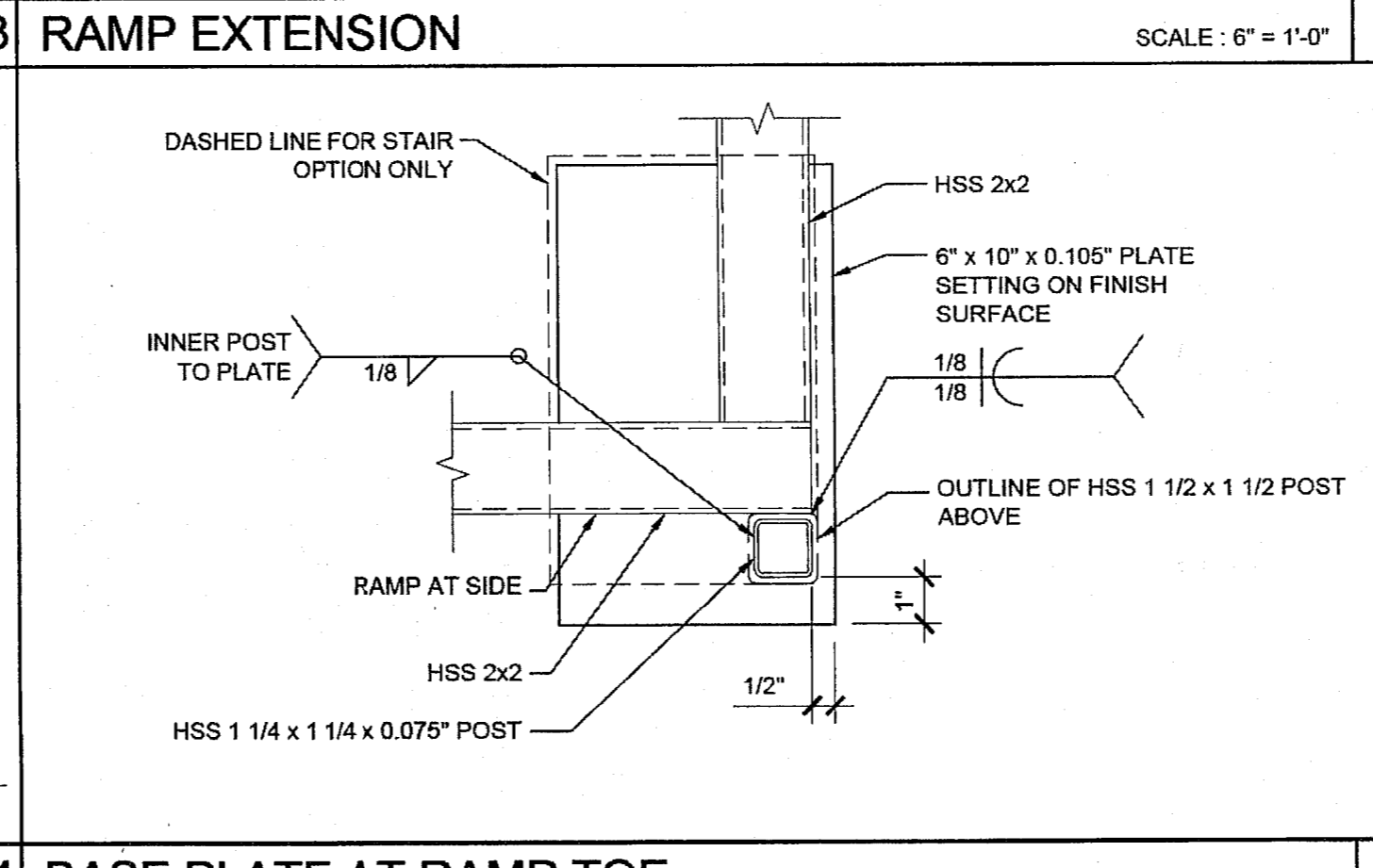
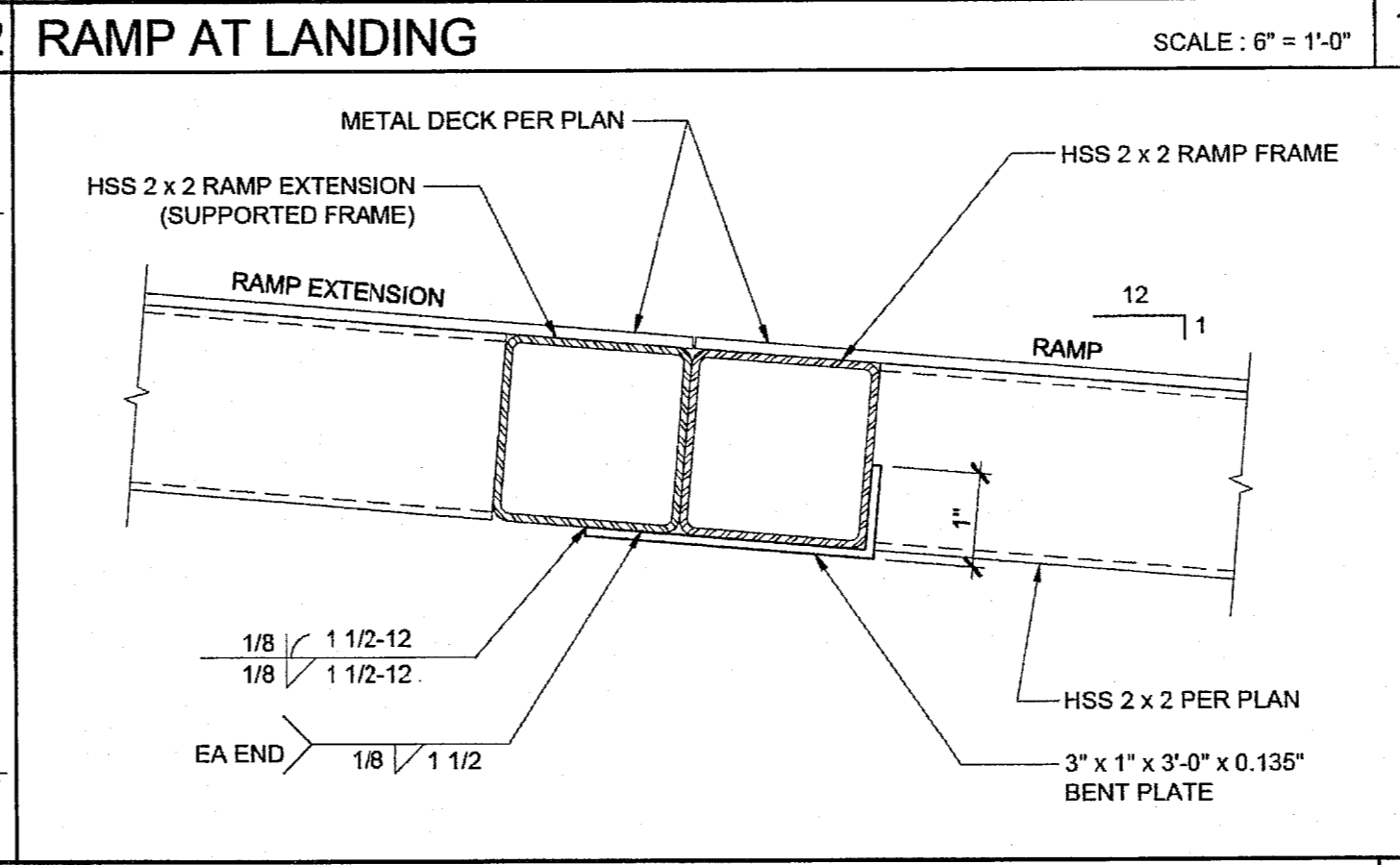
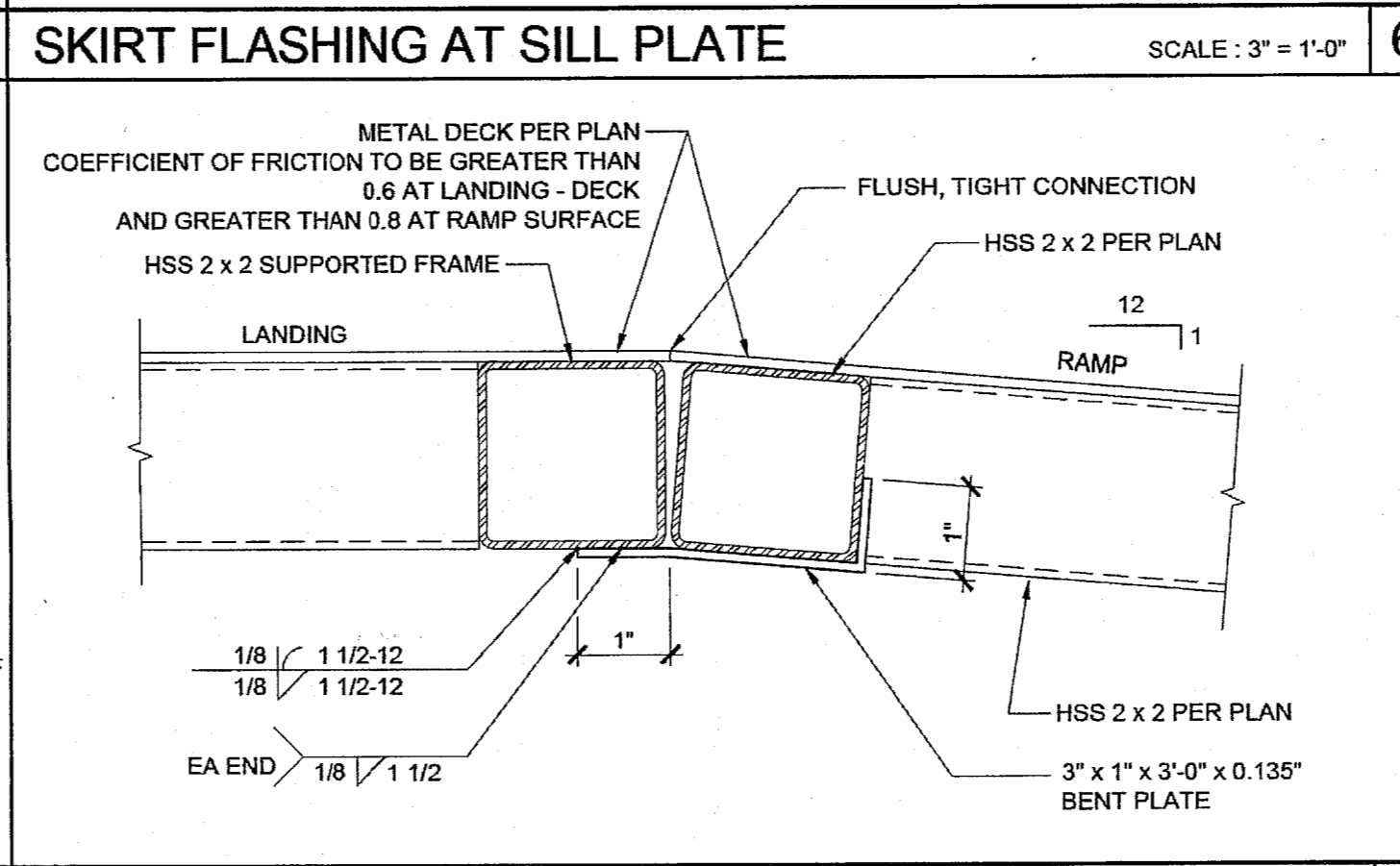
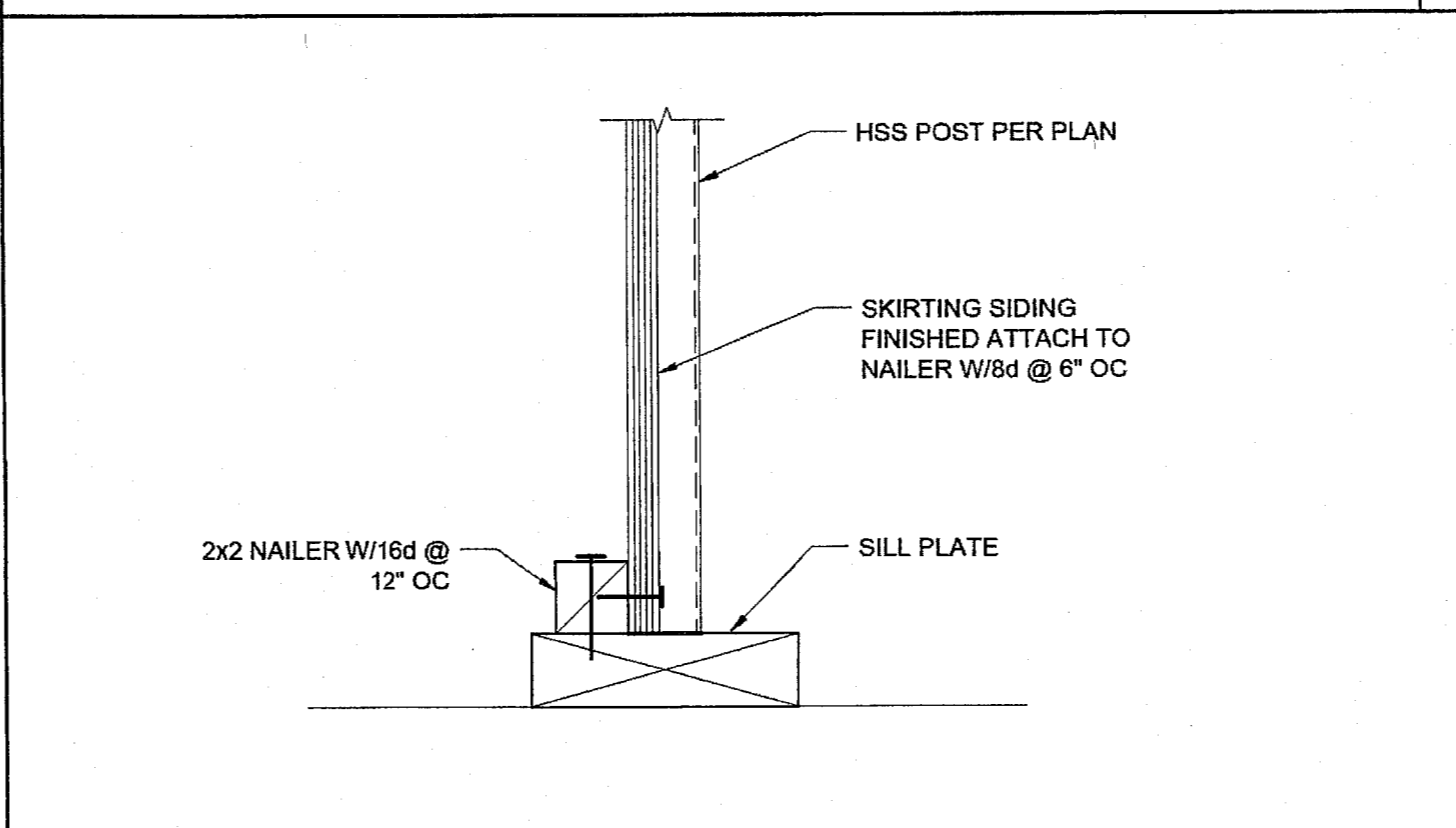
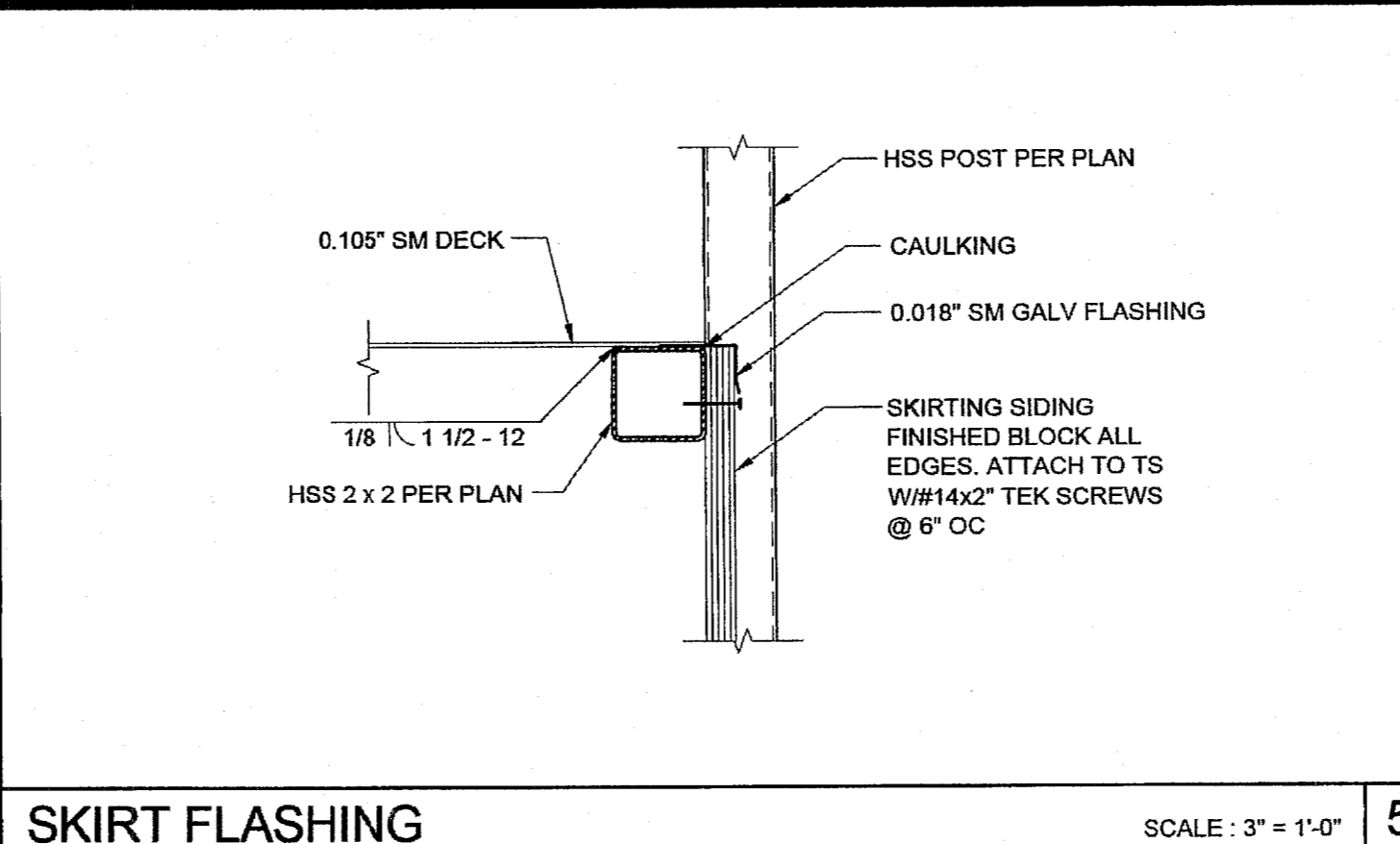
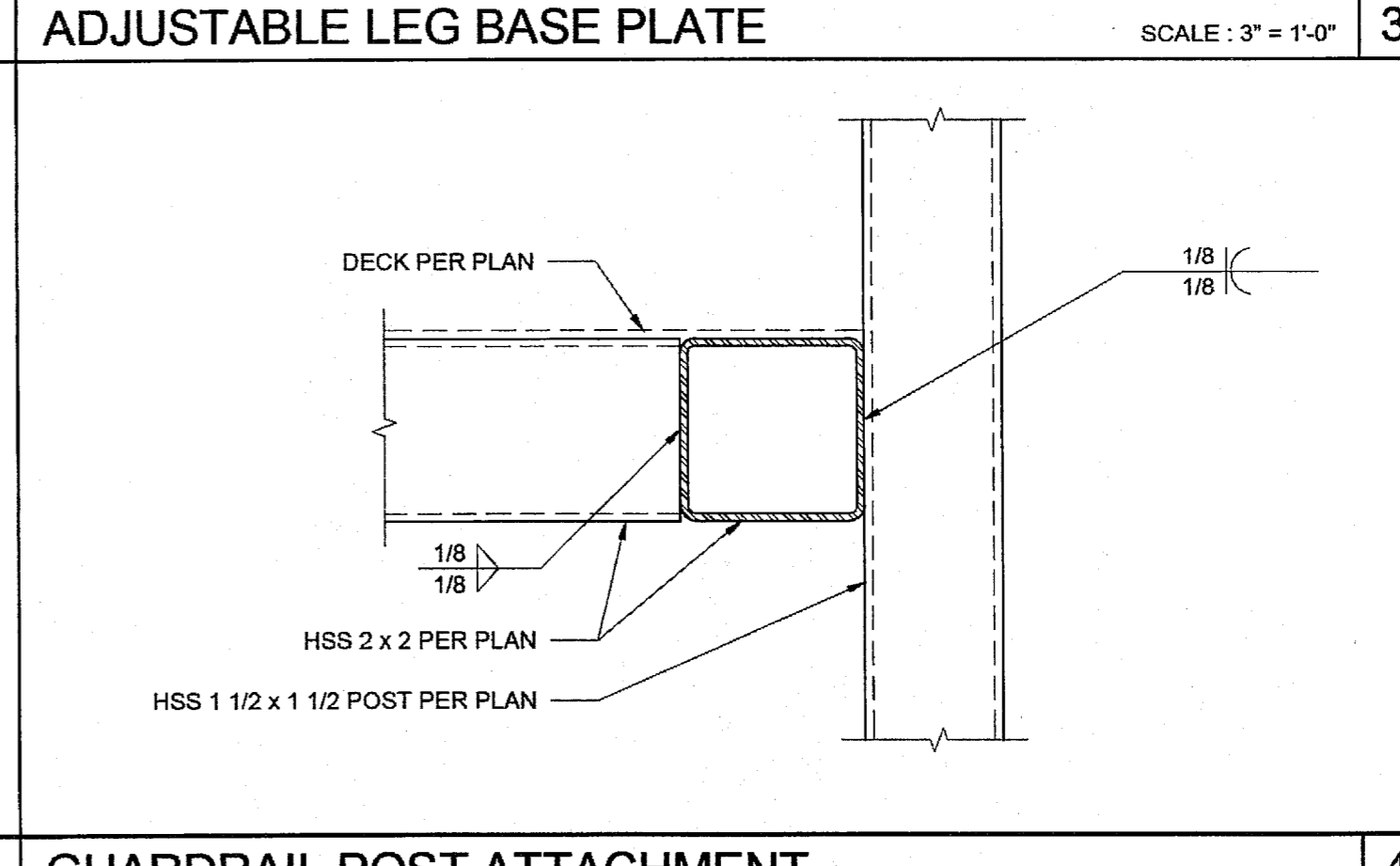
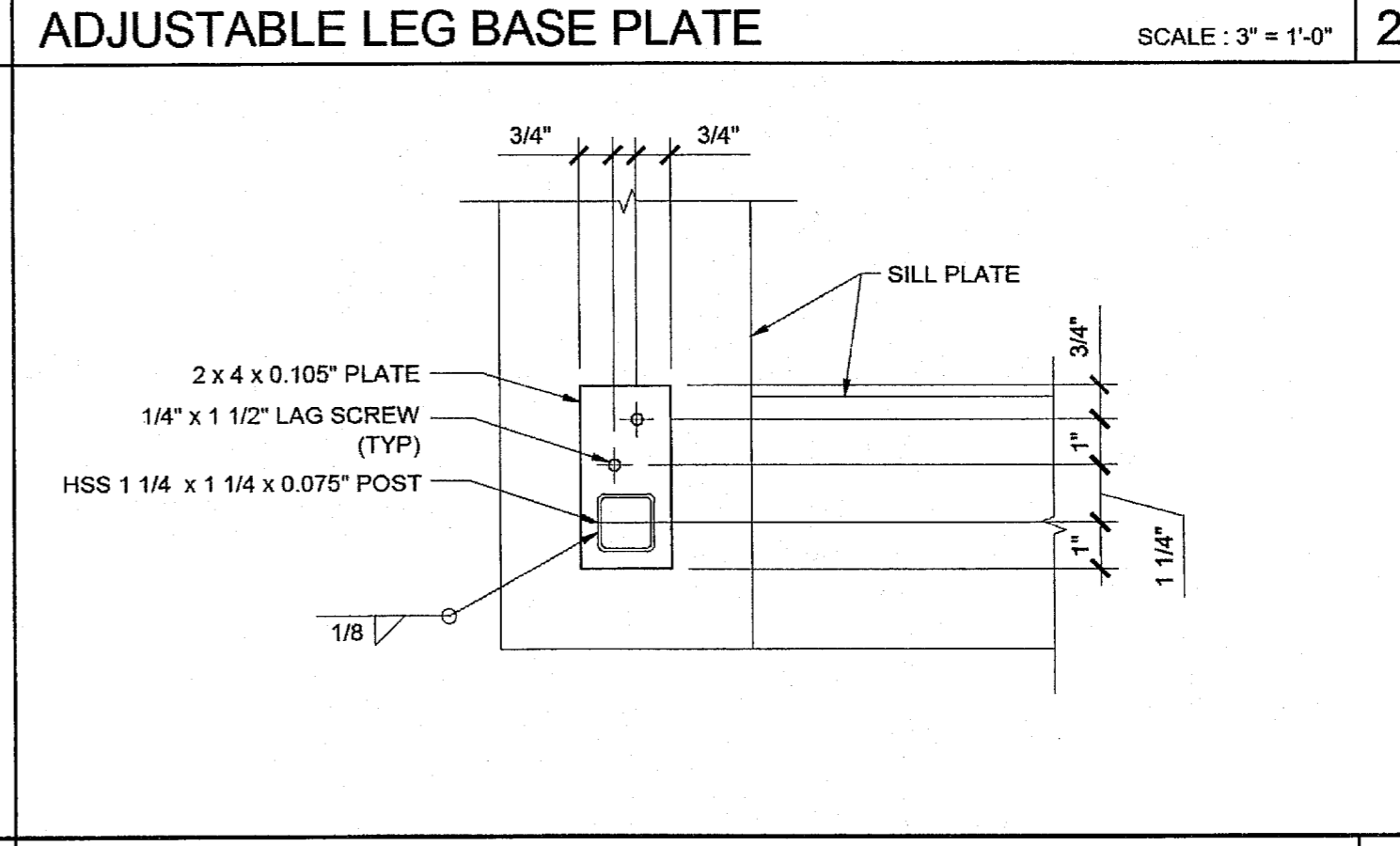
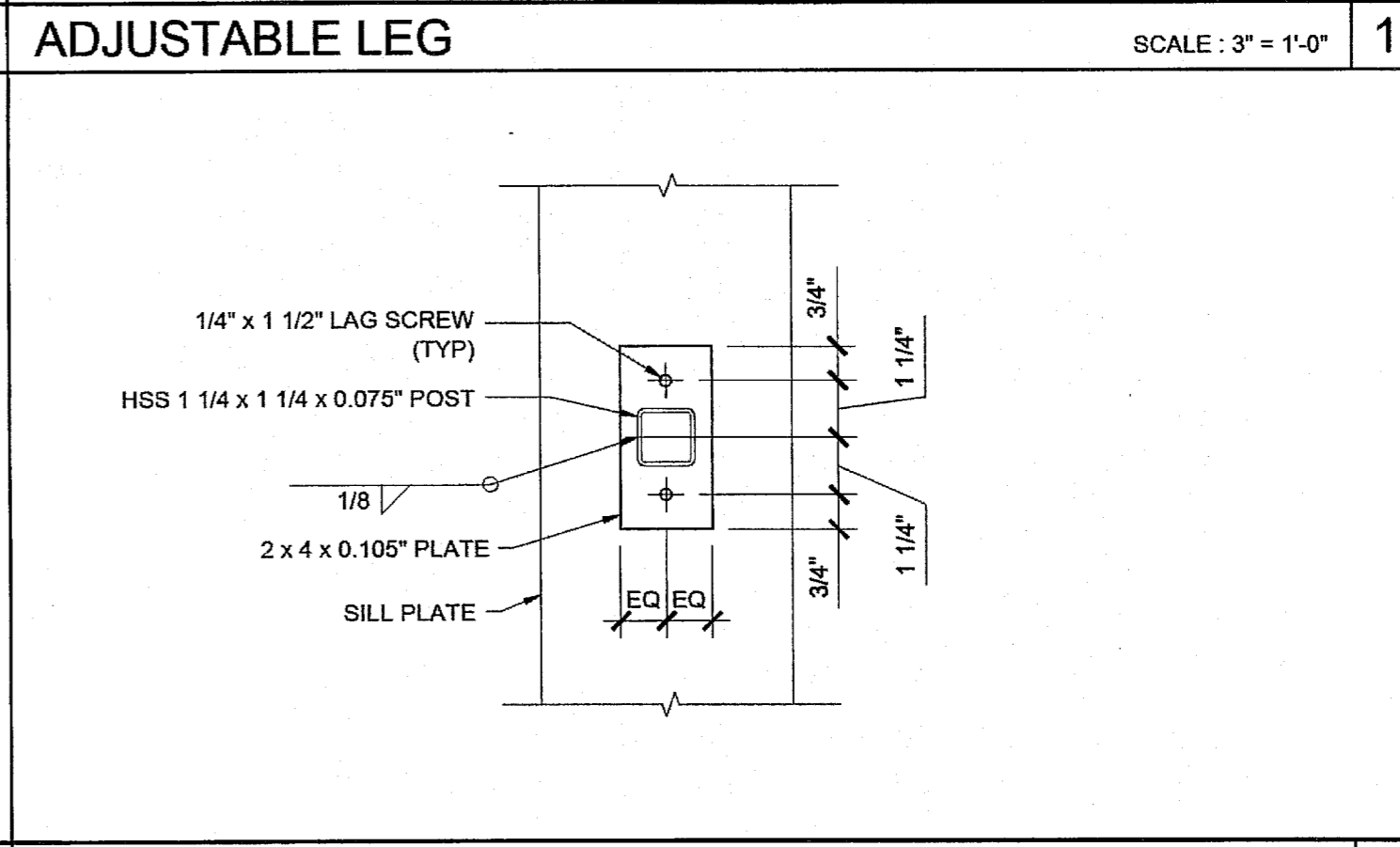
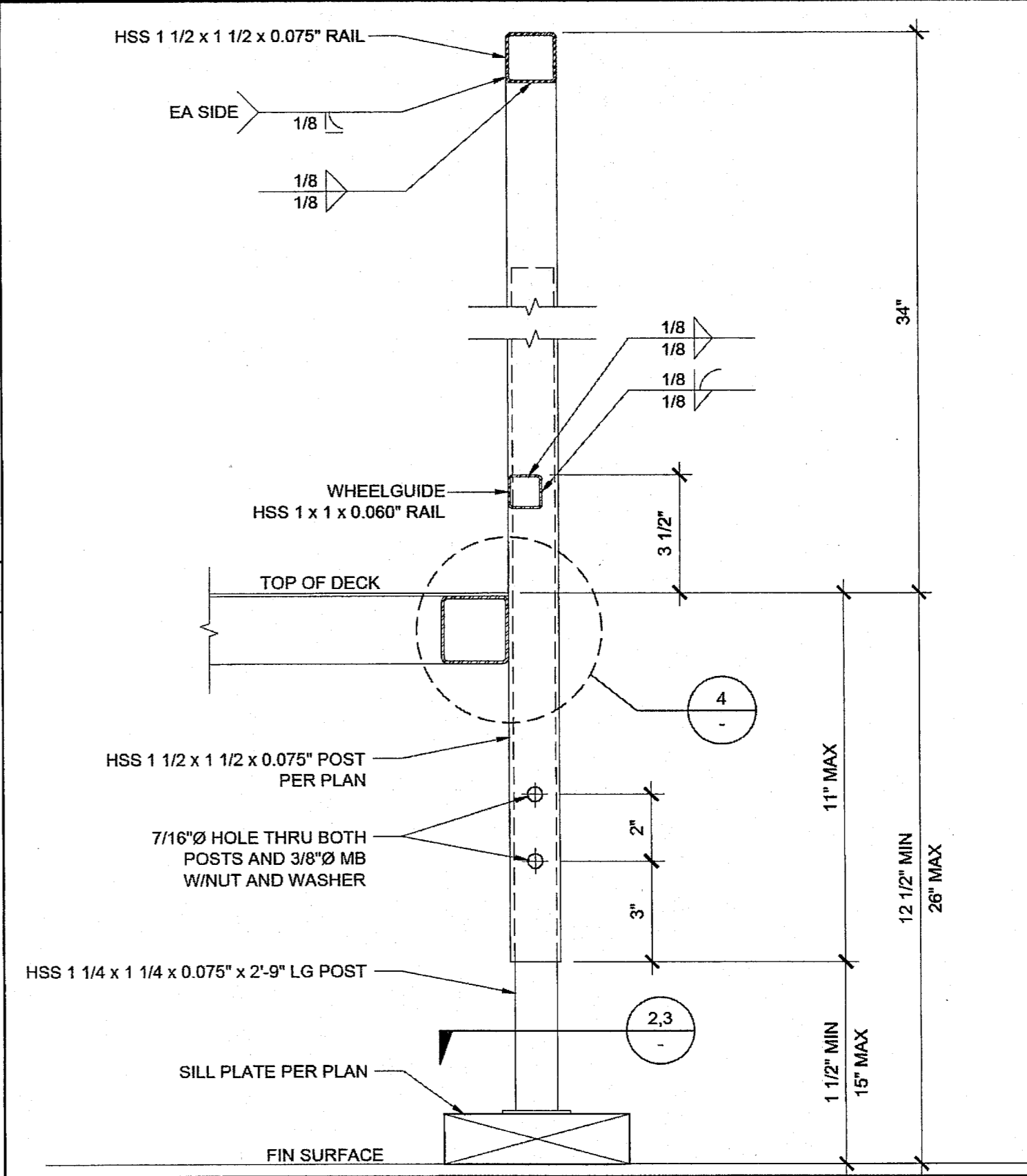
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 OFFICE OF REGULATION SERVICES
 PC 04-114102
 ACS [] FLS [] SS RAF
 DATE AUG - 4 2015

REVISIONS

SILVER CREEK INDUSTRIES
 24' x 40' PC - 2:12 PITCH

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 01-30-15
 P.C. SHEET NUMBER

R-2.01



FLUSH TRANSITION AT BOTTOM OF RAMP SCALE: 6" = 1'-0" 15

DECK TO FRAME SCALE: 6" = 1'-0" 10

SKIRT FLASHING SCALE: 3" = 1'-0" 5

SKIRT FLASHING AT SILL PLATE SCALE: 3" = 1'-0" 6

ADJUSTABLE LEG SCALE: 3" = 1'-0" 1

HANDRAIL CONNECTION AT SHEETMETAL BLKG SCALE: 3" = 1'-0" 16

HANDRAIL CONNECTION AT WOOD BLOCKING SCALE: 3" = 1'-0" 11

SKIRT FLASHING AT SILL PLATE SCALE: 3" = 1'-0" 6

ADJUSTABLE LEG SCALE: 3" = 1'-0" 1

SECTION AT PLATE SCALE: 6" = 1'-0" 17

SECTION AT PLATE SCALE: 6" = 1'-0" 12

RAMP AT LANDING SCALE: 6" = 1'-0" 7

ADJUSTABLE LEG BASE PLATE SCALE: 3" = 1'-0" 2

EXTEND HANDRAIL @ TOP OR BOTT. ENDS SCALE: 3" = 1'-0" 13

RAMP EXTENSION SCALE: 6" = 1'-0" 8

ADJUSTABLE LEG BASE PLATE SCALE: 3" = 1'-0" 3

INTERIOR LANDING LEG SECTION SCALE: 3" = 1'-0" 14

BASE PLATE AT RAMP TOE SCALE: 3" = 1'-0" 9

GUARDRAIL POST ATTACHMENT SCALE: 6" = 1'-0" 4

NOTE (*)
 1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-405.8
 WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL

NOTE (*)
 1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-405.8
 WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL

COEFFICIENT OF FRICTION TO BE GREATER THAN 0.6 AT LANDING - DECK
 AND GREATER THAN 0.8 AT RAMP SURFACE

(B) LANDING @ DOOR (A) RAMP & LANDING

NOTE:
 IF RADIUS IS LARGER THAN 1/8", LEVEL DIM OF 12" TO BE TAKEN FROM TO THE RADIUS TANGENT POINT

RELOCATABLE BUILDING(S)

FOR CLASS LEASING INC STOCKPILE # 37

JOB #	SERIAL #
2765 (1)	34042-43
2852 (28)	35581-35636
2854 (10)	35686-35693, 35674-35685
2900 (2)	36143-36146
2818 (30)	35228-35283, 35897-35900
# (1)	36878-79
72	

PC-266
7250 - 24' x 40'

REVISED

BUILDING DATA

BUILDING SIZE	24' X 40'	36' X 40'	48' X 40'
OCCUPANCY	E-2	E-1	-2
TYPE OF CONSTRUCTION	V-N	V-N	V-N
WIND LOAD	70 MPH. EXP. "C"	70 MPH. EXP. "C"	70 MPH. EXP. "C"
FLOOR LIVE LOAD	50 + 20 PSF	50 + 20 PSF	50 + 20 PSF
ROOF LIVE LOAD	20 PSF	20 PSF	20 PSF
BUILDING AREA	960 SF	1440 SF	1920 SF
STRUCTURAL DESIGN	ROOF FRAME	ROOF FRAME	ROOF FRAME

APPLICABLE CODES

- TITLE 24, CCR, PART 2, 1995 CBC (94 UBC W/95 CA AMENDMENTS)
- 1994 UBC & 1995 CA AMENDMENTS (95 CBC - PART 2, TITLE 24, CCR)
- 1993 NEC & 1995 CA AMENDMENTS (95 NEC - PART 3, TITLE 24, CCR)
- 1994 UMC & 1995 CA AMENDMENTS (95 UMC - PART 4, TITLE 24, CCR)
- 1994 UPC & 1995 CA AMENDMENTS (95 UPC - PART 5 TITLE 24, CCR)
- 1994 UNIFORM FIRE CODE W/ STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
- 1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)
- TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
(Symbol)	DETAIL ON SAME SHEET AS SYMBOL
(Symbol)	DETAIL NUMBER (1) ON SHEET NUMBER (2)
(Symbol)	KEY NOTE (1) ON SAME SHEET AS SYMBOL
(Symbol)	KEY NOTE NUMBER (4) ON SHEET NUMBER (5)
(Symbol)	WALL PANEL TYPE "A" ON SHEET (1)
(Symbol)	SECTION "A" ON SHEET (2)
(Symbol)	REVISION / CHANGE IN DR. NO. (1) IS FIRST REVISION
(Symbol)	HIGHLIGHTS CHANGED AREA
(Symbol)	DOOR REFERENCE
(Symbol)	WINDOW REFERENCE
(Symbol)	ELECTRICAL ITEM(S) SEE ELECT. DRAWINGS
(Symbol)	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWING
(Symbol)	PLUMBING ITEM(S) SEE MECH. L. DRAWINGS
(Symbol)	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS

SHEET INDEX

ARCHITECTURAL	SITE SET
A.0	COVER SHEET
A1.0	FLOOR PLAN - 24' X 40'
A2.0	FOUNDATION PLAN - 24' X 40'
A3.0	FOUNDATION DETAILS (WOOD)
A4.0	FLOOR FRAMING PLAN - 24' X 40'
A5.0	ROOF FRAMING PLAN - 24' X 40'
A6.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
A7.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
A8.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
A9.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
A10.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
A11.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
A12.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
A13.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
A14.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
A15.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
A16.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
A17.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
A18.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
A19.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
A20.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'

STRUCTURAL

F0.2	FOUNDATION PLAN (24' X 40') 50 + 20 PSF (1)
F1.0	FOUNDATION DETAILS (WOOD)
F2.0	FLOOR FRAMING PLAN (24' X 40')
F3.0	ROOF FRAMING PLAN (24' X 40')
F4.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
F5.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
F6.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
F7.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
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F9.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
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F17.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
F18.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
F19.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
F20.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
F21.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
F22.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
F23.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
F24.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
F25.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
F26.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
F27.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'
F28.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 24' X 40'
F29.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 36' X 40'
F30.0	EXTERIOR ELEVATIONS (DUAL PITCH) - 48' X 40'

MECHANICAL

M1.0	Mechanical Plan - 24' X 40'
M2.0	Mechanical Plan - 36' X 40'
M3.0	Mechanical Plan - 48' X 40'

ELECTRICAL

E1.0	ELECTRICAL PLAN - 24' X 40'
E2.0	ELECTRICAL PLAN - 36' X 40'
E3.0	ELECTRICAL PLAN - 48' X 40'

RAMP

R1.0	RAMP / LANDING PLAN
R2.0	RAMP / STAIRS DETAILS
R3.0	RAMP / LANDING DETAILS
R4.0	RAMP / STAIRS DETAILS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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04 100596
DATE: AUG 11 0 1998
Acc: J. Schaub
Rev: Epp
S.G. Wans.

WITH THE SIGNING OF THESE DRAWINGS, I ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND IN GENERAL COMPLY WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRECEDE ANY CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA.

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

Architect's Seal
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
DATE: 10/1/2019
S.G. Wans.

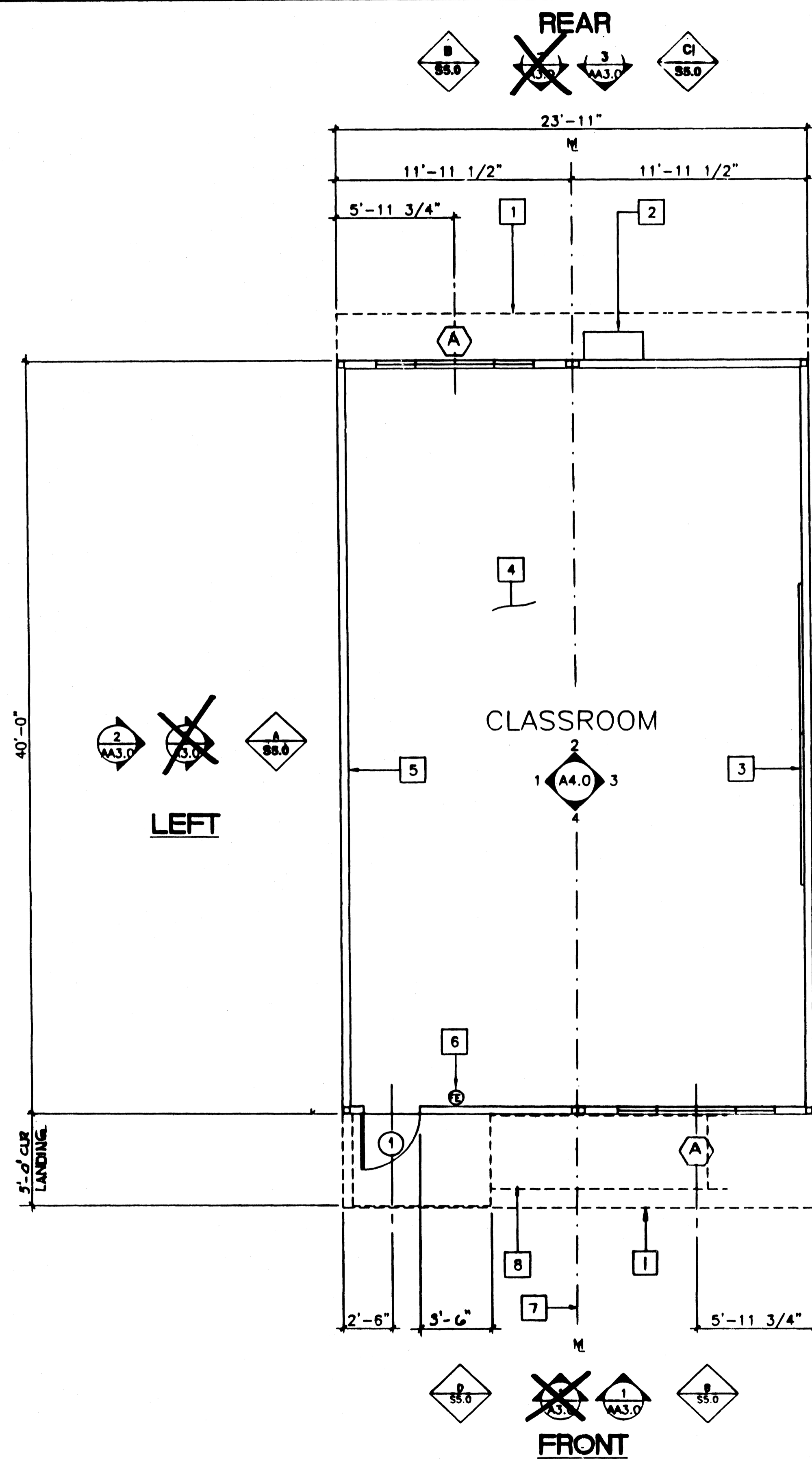
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4012-083
drawn by: 2765
checked by: 2852
date: 2854
project no: 2900
MODTECH, INC. 1997

COVER SHEET

STKP-37
A0.0

PROJECT NO. PC-266



FLOOR PLAN (24' X 40')

SCALE 1/4"=1'-0"

KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT - SEE MECH SHEET
- 3 2- 8'X4' MARKER BOARDS (SEE SPECS)
- 4 FINISH FLOORING: (SEE FINISH SCHED) A5.0
- 5 TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) A5.0
- 6 FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD BRACKET. HANDLE AT 48" A.F.F.
- 7 MODLINE (M, TYPICAL)
- 8 LINE OF RAMP/LANDING SEE R1.0 & R2.0

NOTES

- 1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER. ROOF & 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 FLAMESPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS: 1. FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602 2. WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES I, II, 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. (SEC. 707.3 CBC.)

STKP-37

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	Division of the State Architect

REVISIONS

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

Division of the State Architect

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 PC-268
 DATE: 10/25/1997

MODTECH INC.
 2830 BARRETT AVENUE
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 FAX (909) 940-0427

PROJECT NUMBER: 2900

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drawn by: [Signature]

checked by: [Signature]

date: 2765

date: 2852

date: 2854

date: 2900

PROJECT NO. 2900

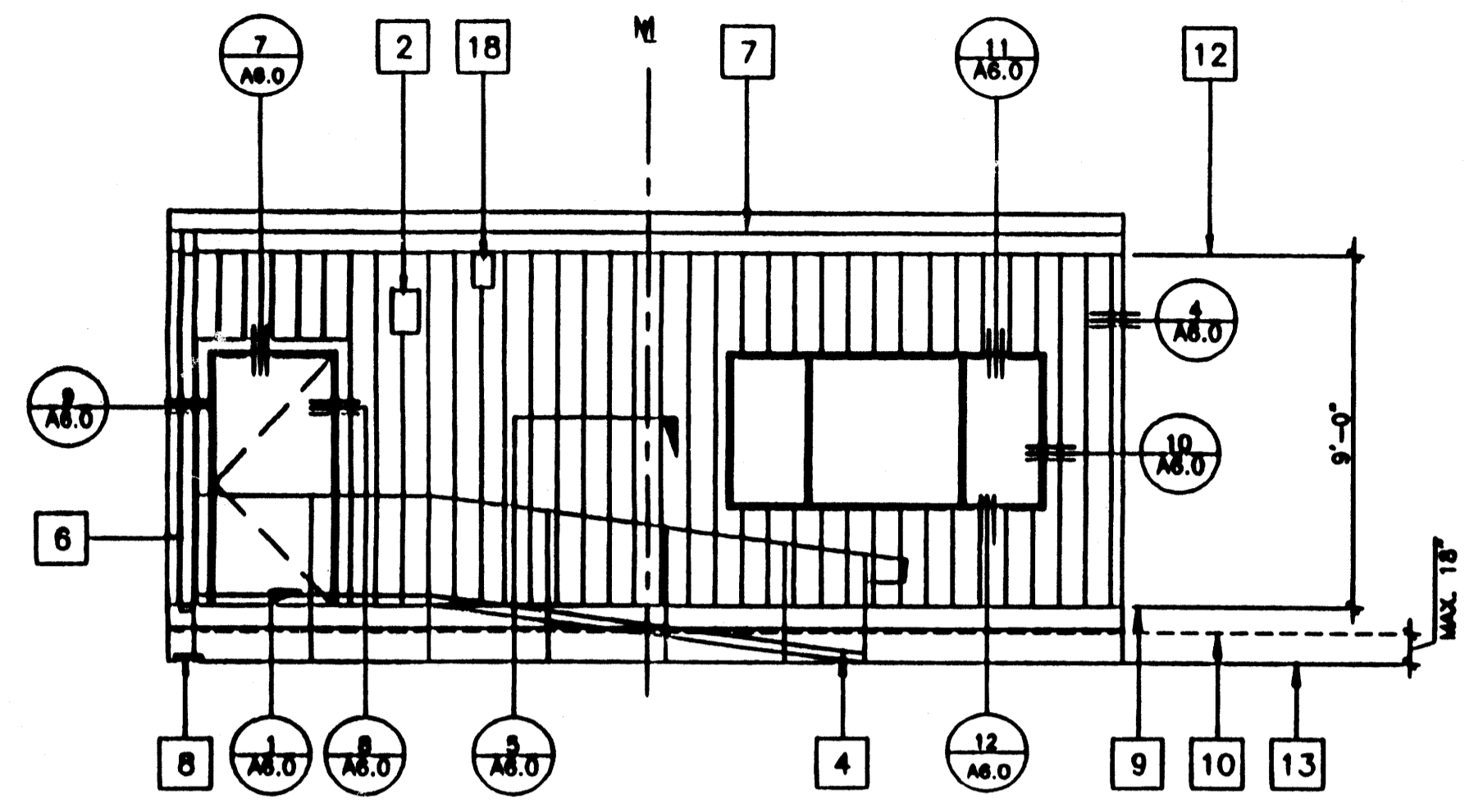
FLOOR PLAN

A1.0

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 APP. 03-119509 INC:
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 SS FLS ACS
 DATE: 10/1/2019

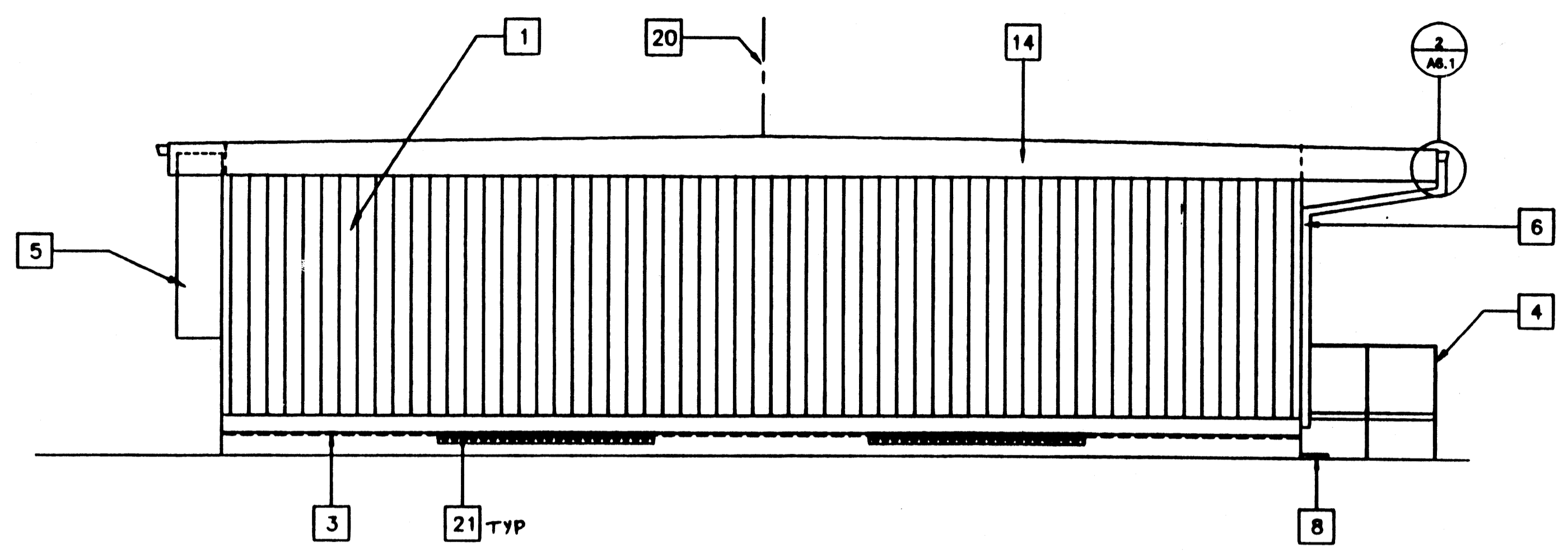
KEY NOTES

- 1 TYPICAL EXTERIOR SIDING (SEE FINISH SCHED.)
- 2 EXTERIOR LIGHT FIXTURE (SEE SPECIFICATIONS)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING SEE SHT. R-1
- 5 HVAC UNIT (HV)
- 6 DOWNSPOUT (TYP.) FOR (2). FASTEN TO BLDG. TYP. 3 PLACES (SEE 8/A6.1)
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
- 8 SPLASH BLOCK (BY OTHERS)
- 9 FINISH FLOOR LINE
- 10 BOTTOM FLANGE OF FLOOR BEAM
- 11 ROOF HEADER
- 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 FIRE ALARM HORN (EL)
- 19 NEMA GUTTER BOX (EL)
- 20 RIDGE
- 21 FOUNDATION VENT (SEE FOUNDATION PLAN)



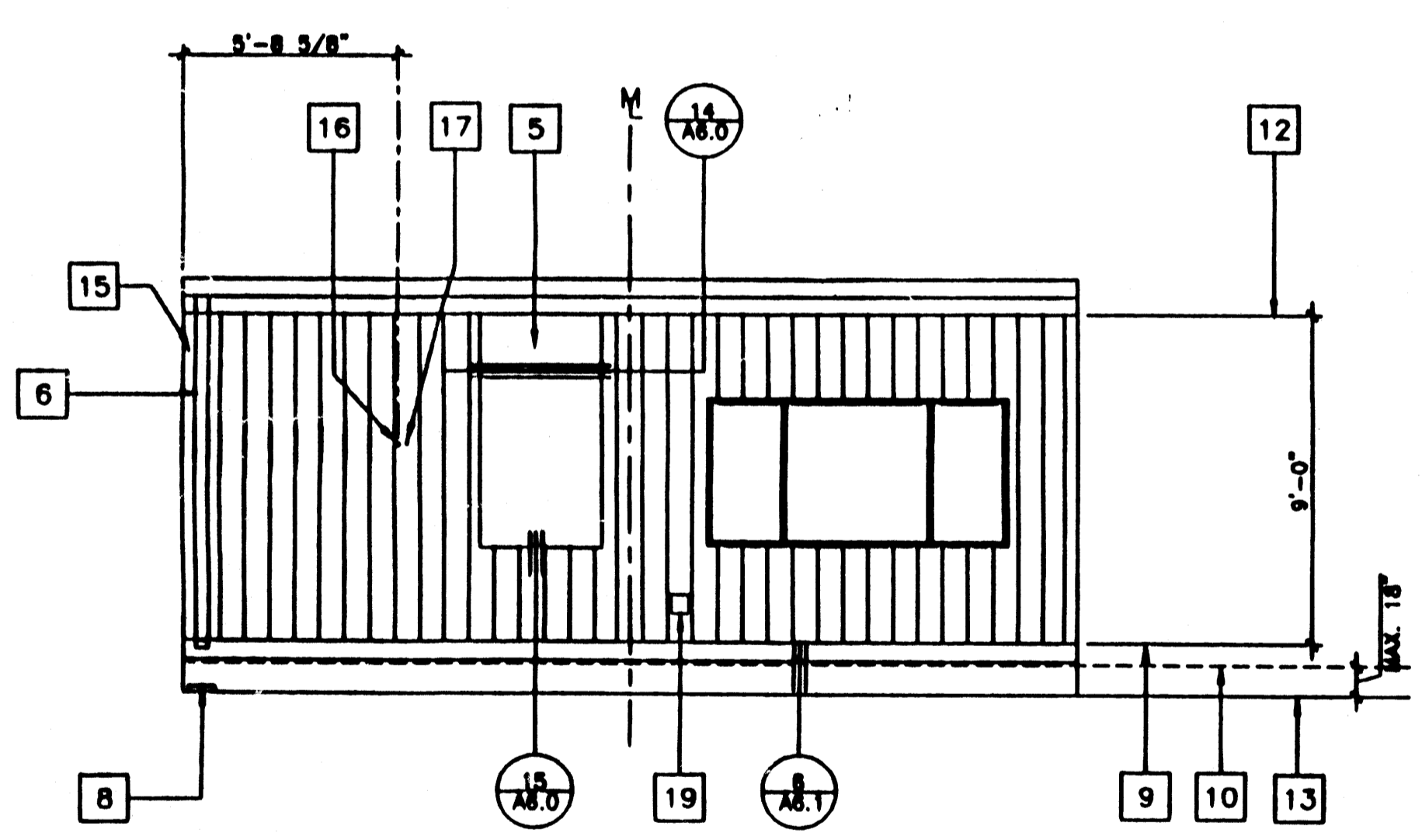
1 FRONT ELEVATION

SCALE 1/4"=1'-0"



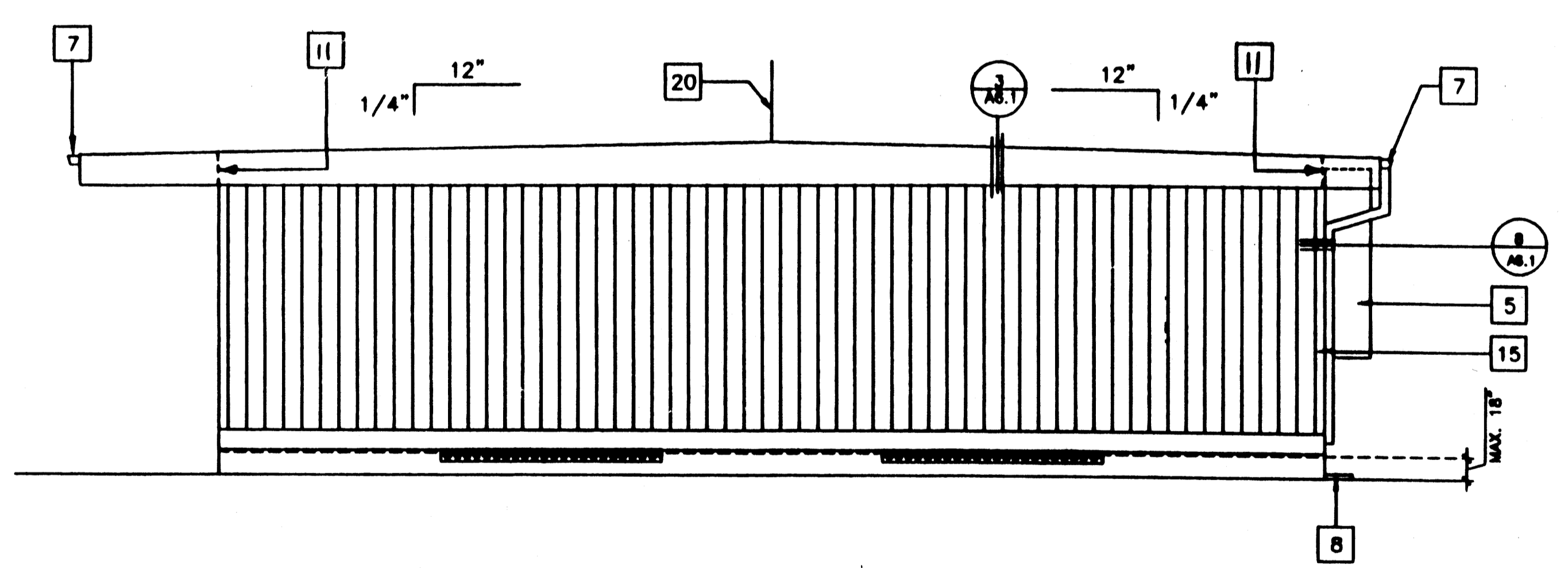
2 LEFT SIDE ELEVATION

SCALE 1/4"=1'-0"



3 REAR ELEVATION

SCALE 1/4"=1'-0"



4 RIGHT SIDE ELEVATION

SCALE 1/4"=1'-0"

NOTES

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 OFFICE OF REGULATION SERVICES
 O4 100596
 AC FLS SS
 DATE AUG 10 1998

24' X 40' (DUAL SLOPE)

STKP-37 D

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	Division of the State Architect	PROJECT NUMBER	DATE

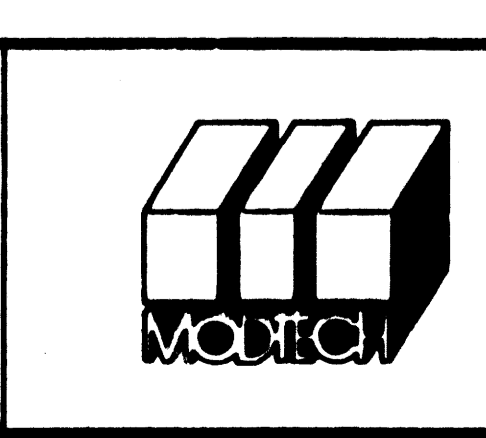
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
 LICENSED ARCHITECT
 GEORGE C. EDWARDS
 No. C 2358
 EXPIRES 9-30-99
 STATE OF CALIFORNIA

Division of the State Architect
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 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-266
 AC FLS SS
 DATE JUN 25 1997



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 2830 BARRETT AVENUE
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 FAX (909) 940-0427

PROJECT NUMBER

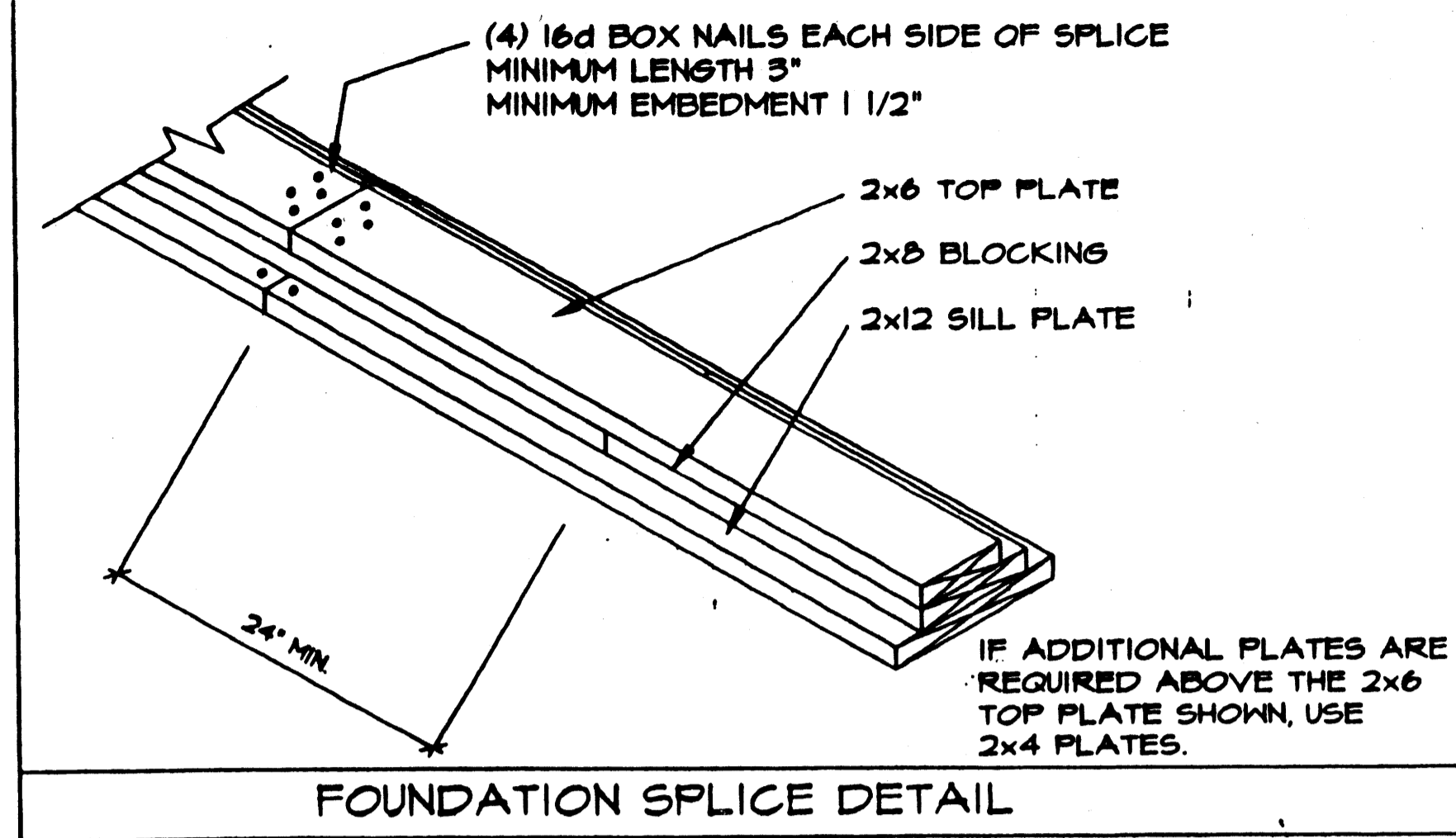
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 4012-083
 drawn by: 2852
 checked by: 2854
 date: 4/10/98
 Modtech project no. 2854
 MODTECH Index No.

EXTERIOR ELEVATIONS

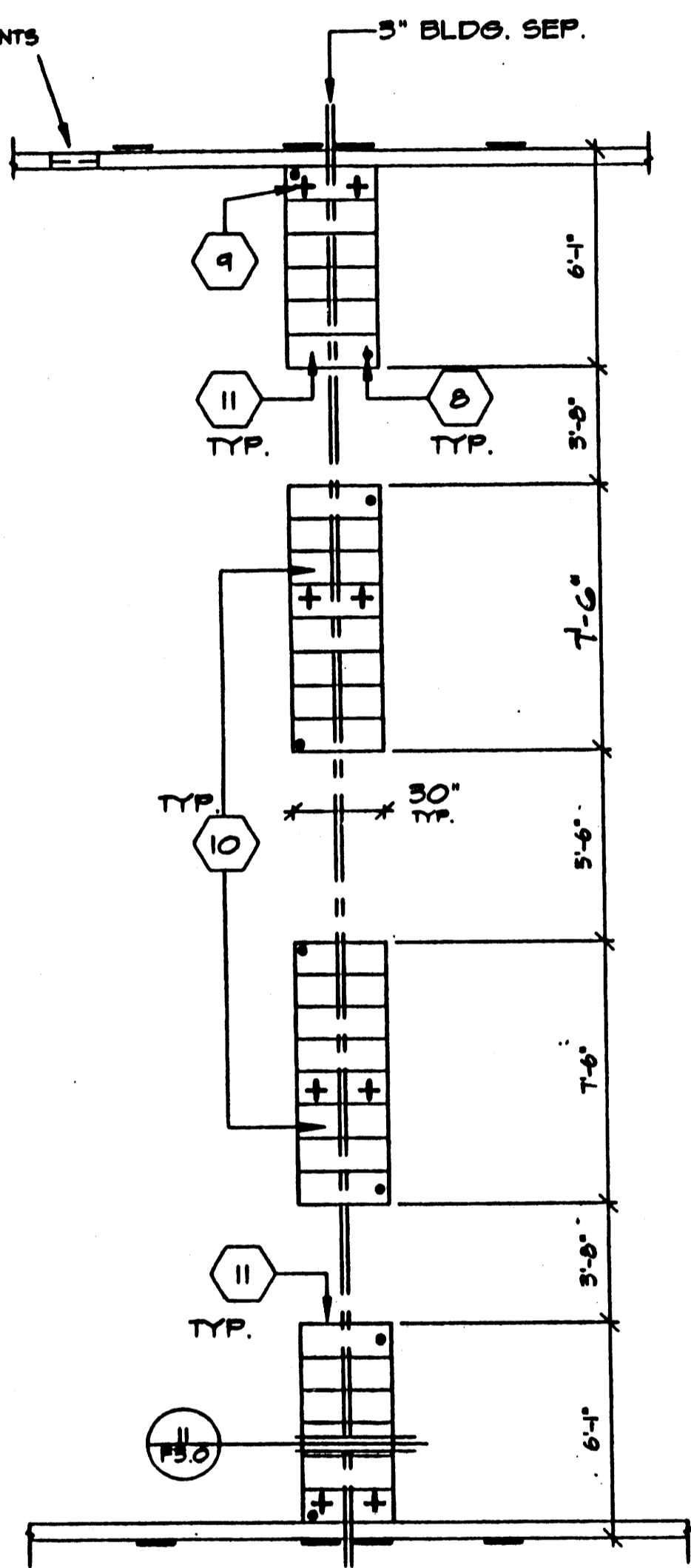
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PROJECT NO. PC-256

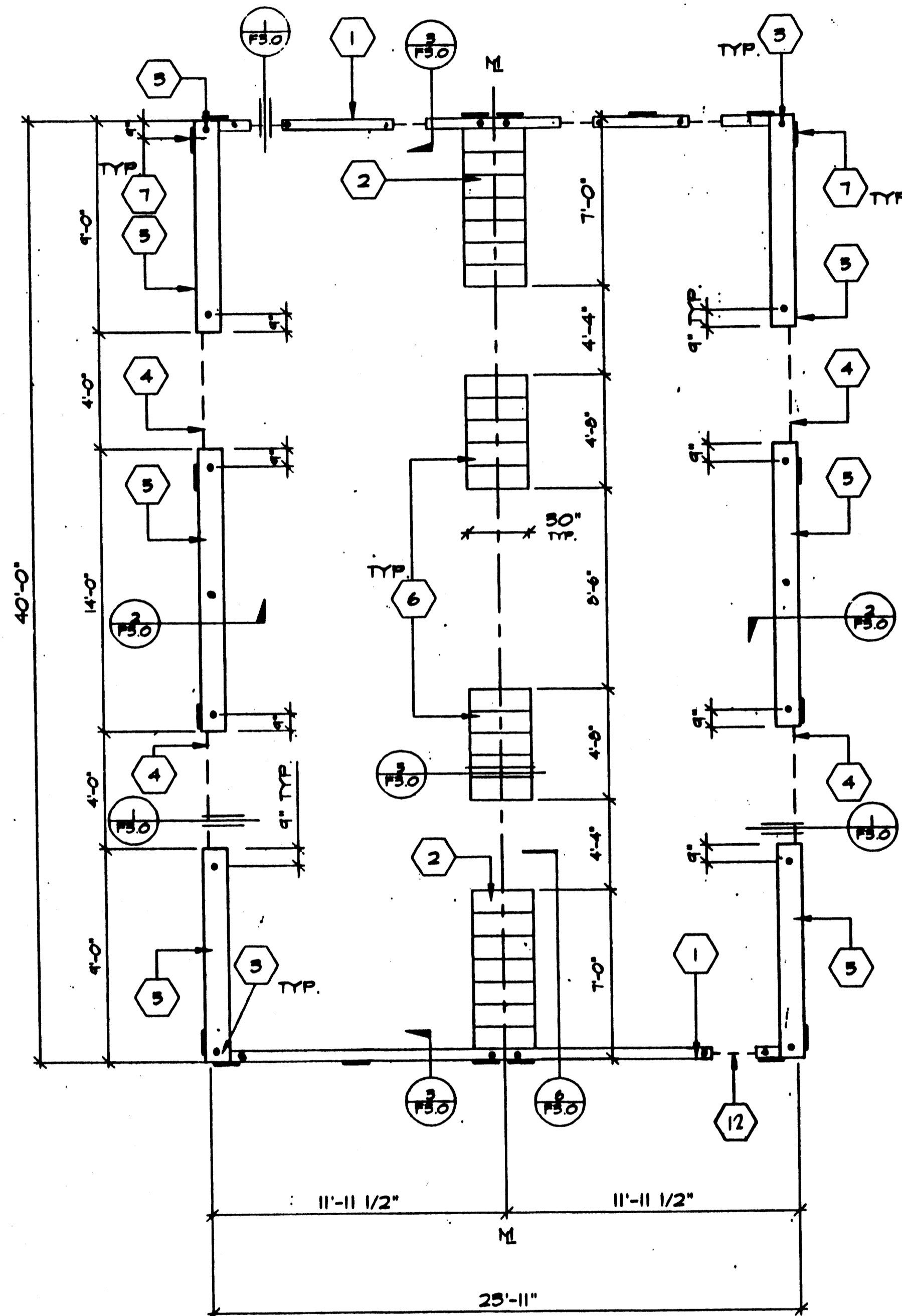
"MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3" IN OVERALL LENGTH"
 THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.



5" X 16" END HALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
 MIN. 18" FROM BLDG. CORNERS
 MIN. 18" FROM MODLINES
 MIN. 12" BLOCKING BETWEEN VENTS



PAD FTG'S AT ADJ. BLDG.
 OPTIONAL



VENT CALCS.	
BLDG SIZE 24' X 40' = 960 sq	
VENTILATION REQ'D 960 + 150 = 6.4 sq	
5" X 4'-0" VENT = 1.0 sq	
4 VENT 3 X 1.0 sq = 4 sq VENTING PROVIDED	
3" X 2'-0" VENT = 0.5 sq	
5 VENT 3 X 0.5 sq = 2.5 sq VENTING PROVIDED	
6.5 sq	6.4 sq

KEYNOTES

- 1 2"x6" SILL PLATE (ENDWALL)
- 2 1 - 2X12X30" LONG SILL PADS
- 3 PIPE TO GRADE (TYP.)
- 4 3" HIGH BY 4'-0" LONG VENT - SIDEWALL
3" HIGH BY 2'-0" LONG VENT - ENDWALL
- 5 2X12 SILL PLATE (SIDE WALL)
- 6 5-2X12X30" LONG SILL PADS
- 7 6"X12"X10 GA. PLATES
- 8 1" Ø PIPE EA. END EA. PAD AT ADJ. BLDG. LINE
- 9 5/8" Ø X4" LAGS (4-PER BLDG. MIN.)
- 10 3 - 2X12X30" LONG SILL PADS
- 11 6 - 2X12X30" LONG SILL PADS
- 12 THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTS LANDING SKIN

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 HILTI DS 82-PI0 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, WITH DISTRICT ARCHITECT SITE PLANS
- 5. ALL FOUNDATION MATERIAL SHALL BE HEM FIR
GROUND CONTACT: LP-22 (CCA .40)
ABOVE GROUND: LP-2 (CCA .25)
- 6. FOUNDATION DESIGNED FOR 1000 PS SOIL BEARING PRESSURE PER ORS IR 23-6.

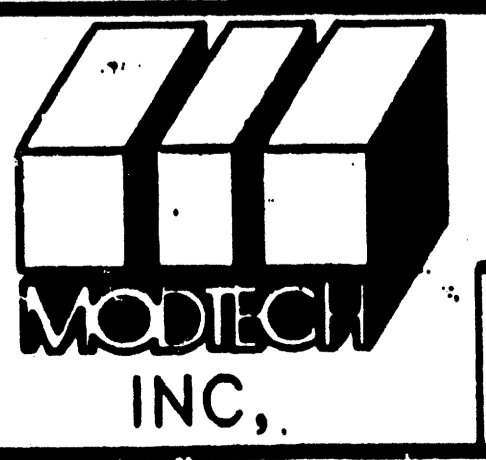
FOUNDATION (WOOD SILL)

24 x 40 - 50 + 20 PSF LL SCALE 1/4"=1'-0"

STKP-37

REVISIONS

ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT



MODTECH INC.
 2830 BARRETT AVE.
 FERRIS, CA. 92512
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 FX. (909) 940-0427

JOB NO. 4012-083
 2900

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 AC FLS SS
 DATE AUG TU 1998

2765
 2852
 2854
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 2910

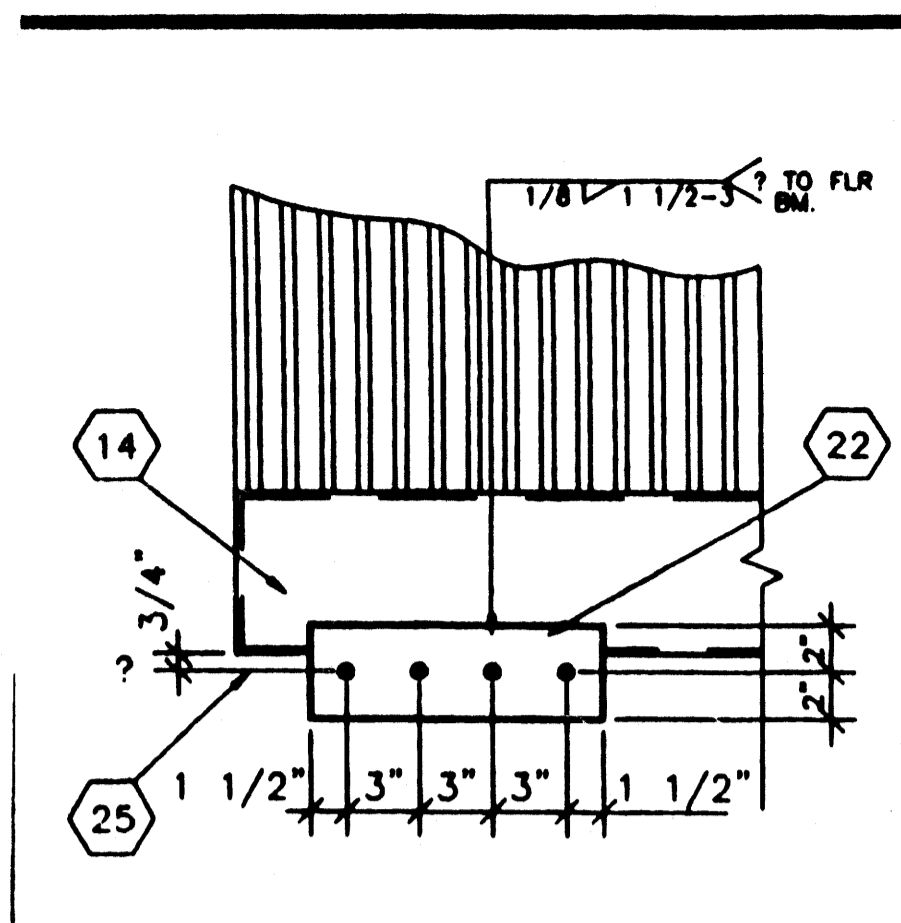
DRAWN BY RN
 DATE
 CHECKED BY
 DATE 8/96

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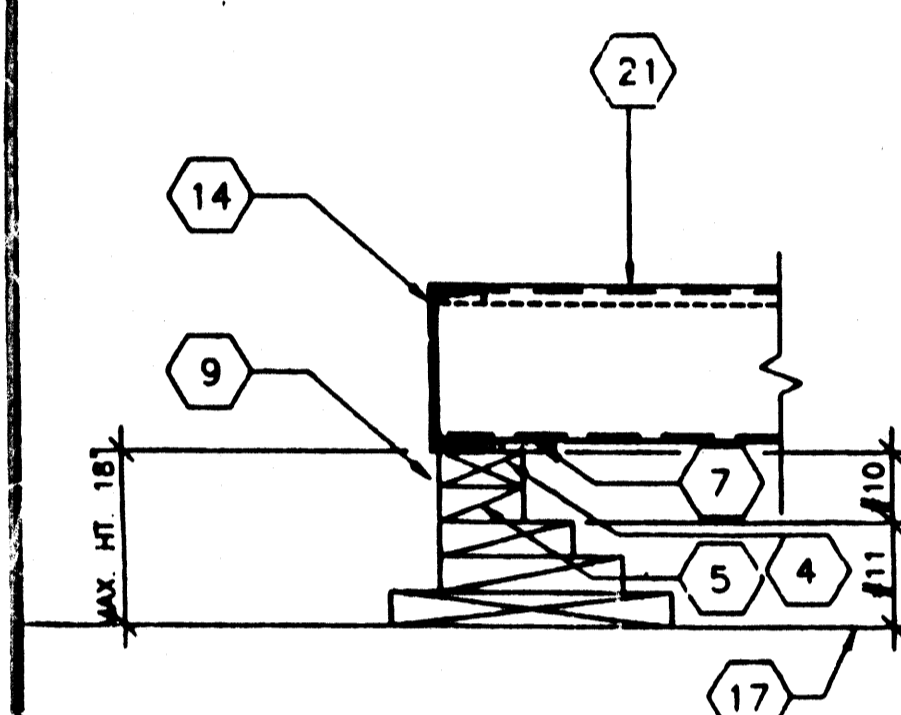
FOUNDATION PLAN

FO.2

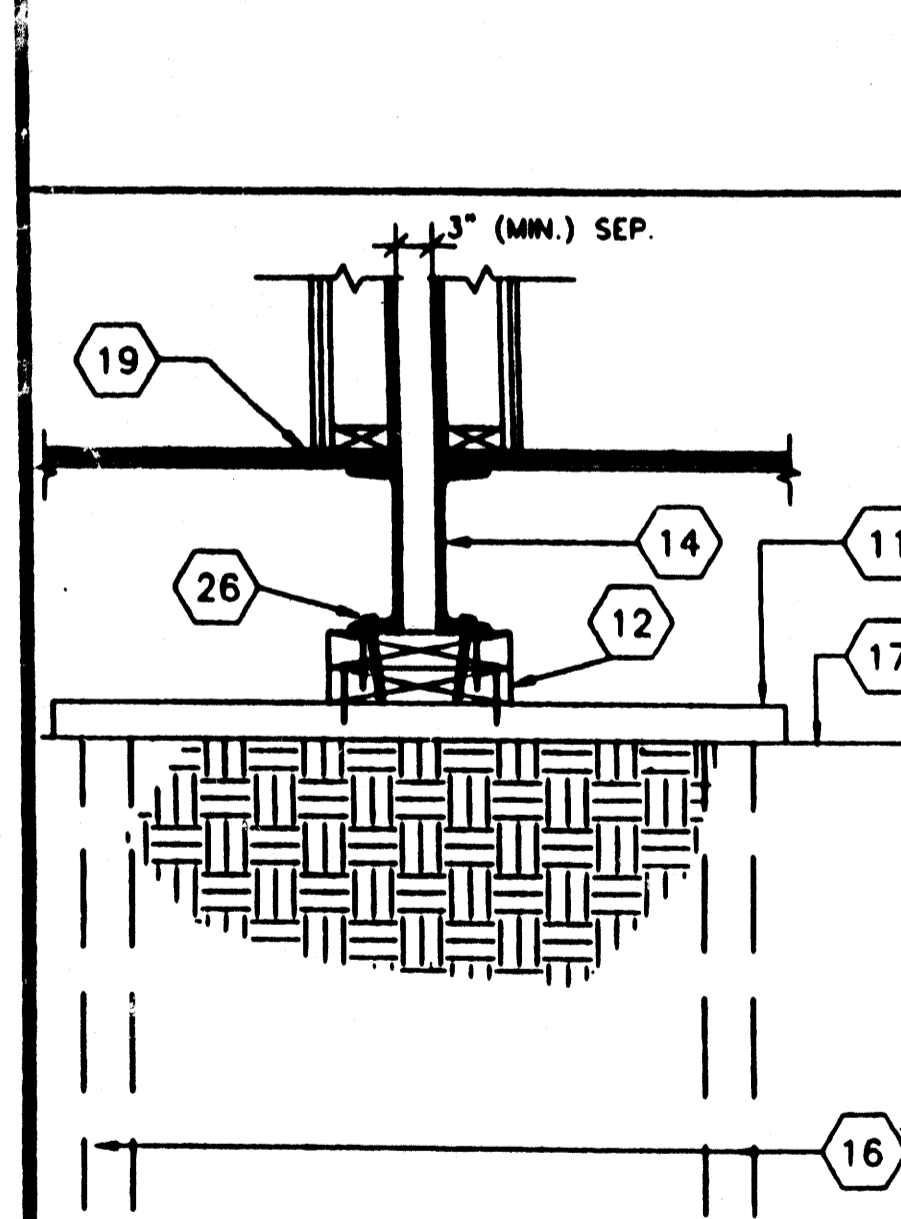
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 APP. 03-119509 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019



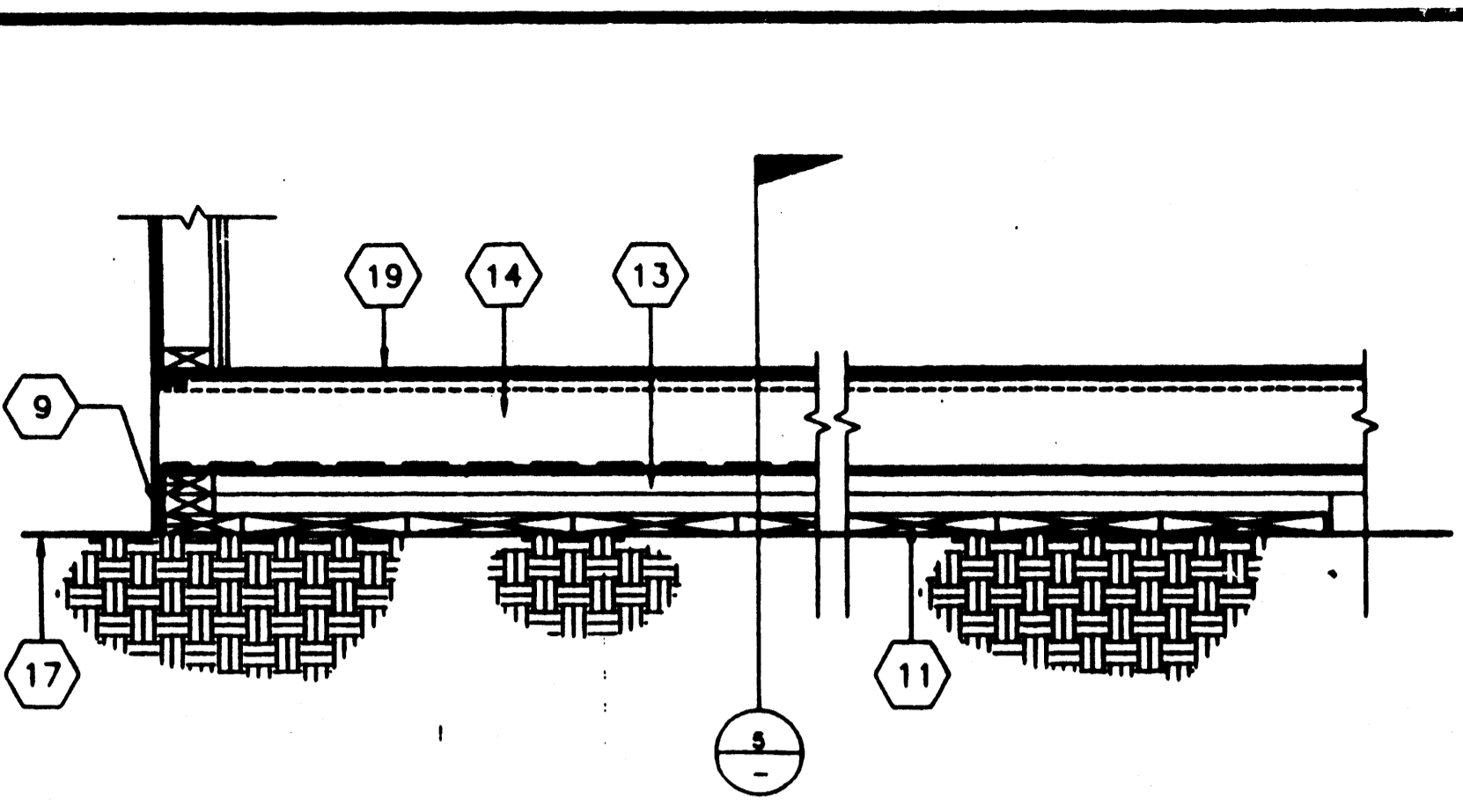
9 SCALE: 1 1/2"=1'-0"
 ALTERNATE HOLD DOWN



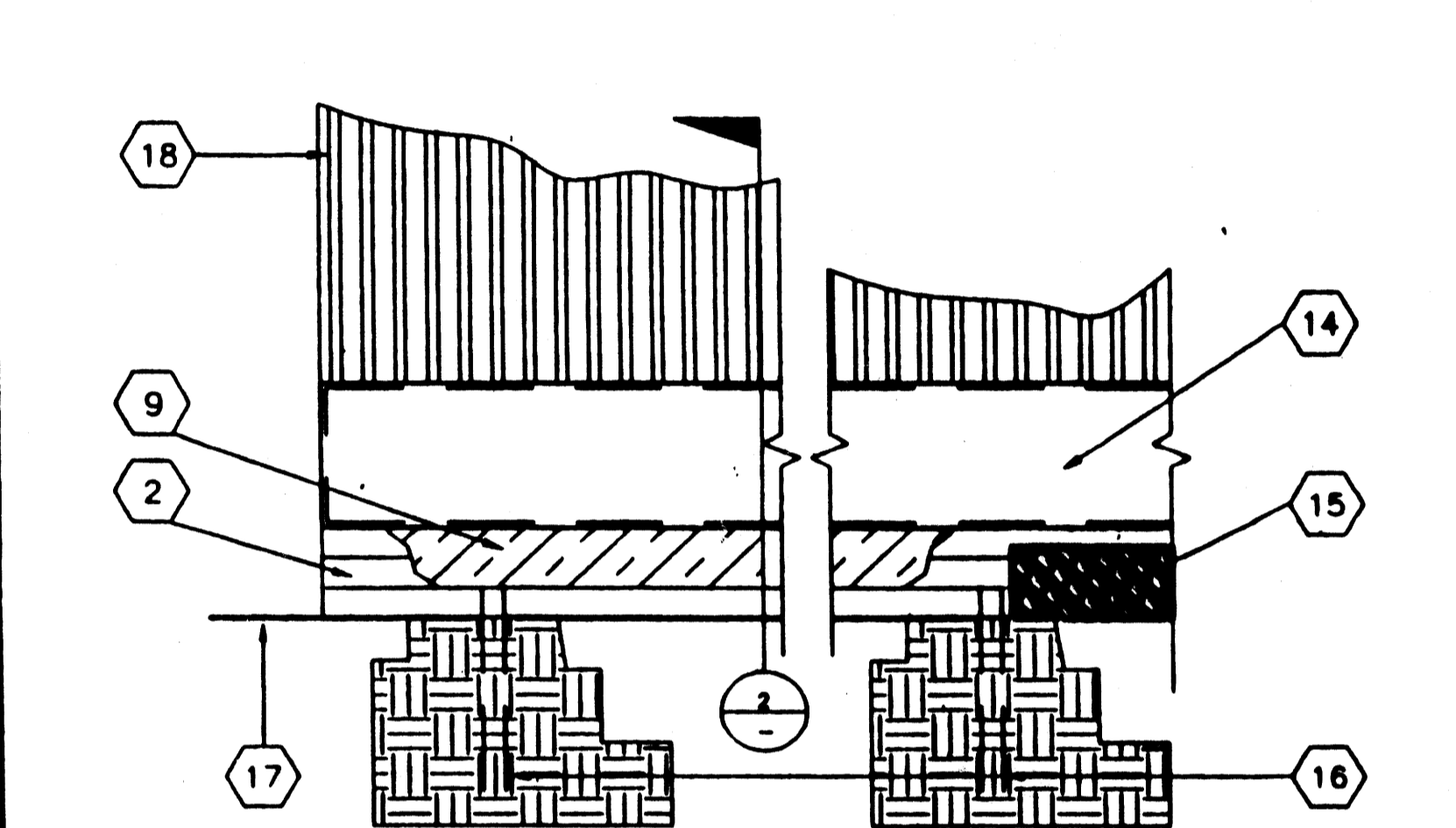
10 SCALE: 1 1/2"=1'-0"
 ADD BLK'S/SHIMS TO LEVEL FOUND.



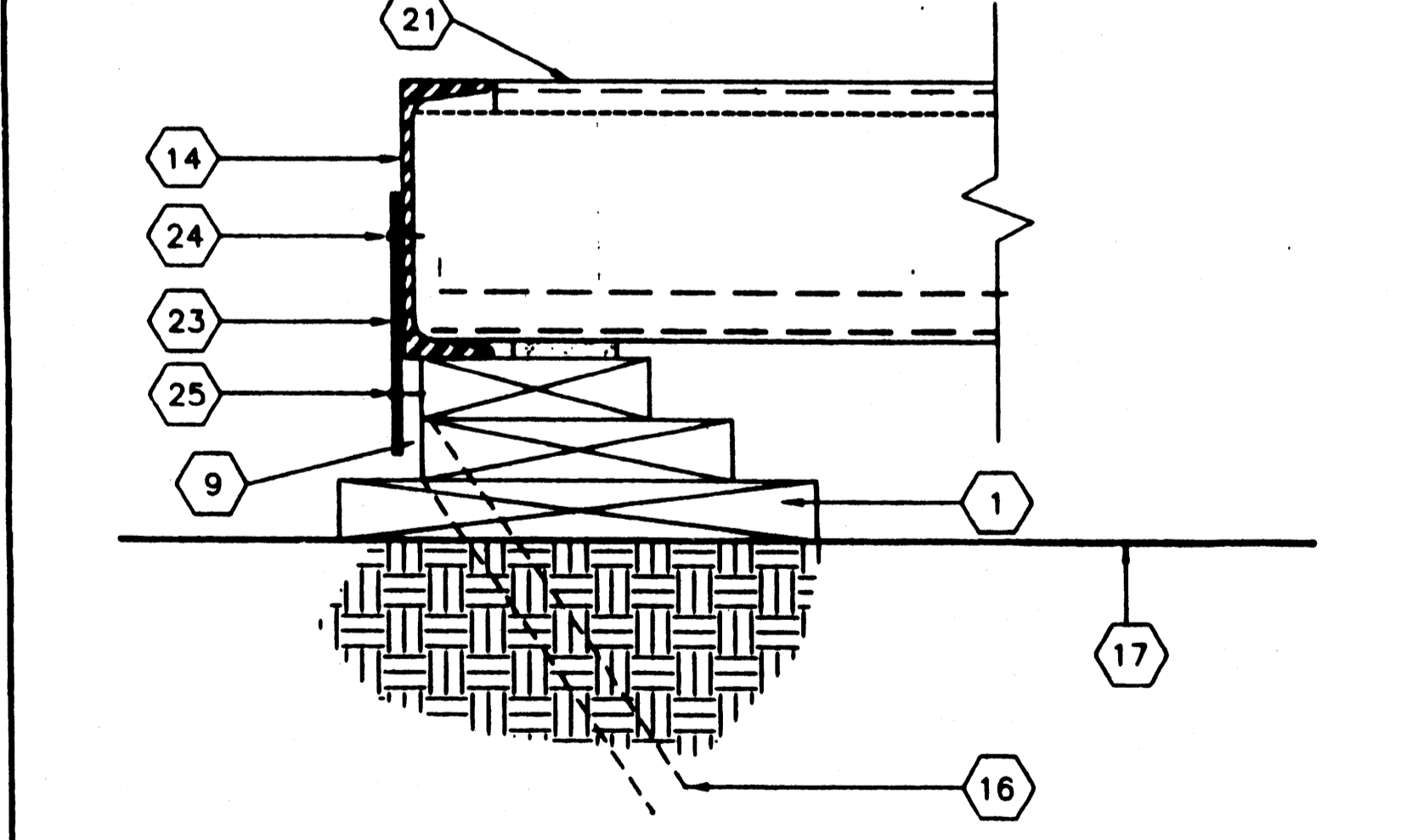
11 SCALE: 1 1/2"=1'-0"
 FOUND. AT ADJ. BLDG



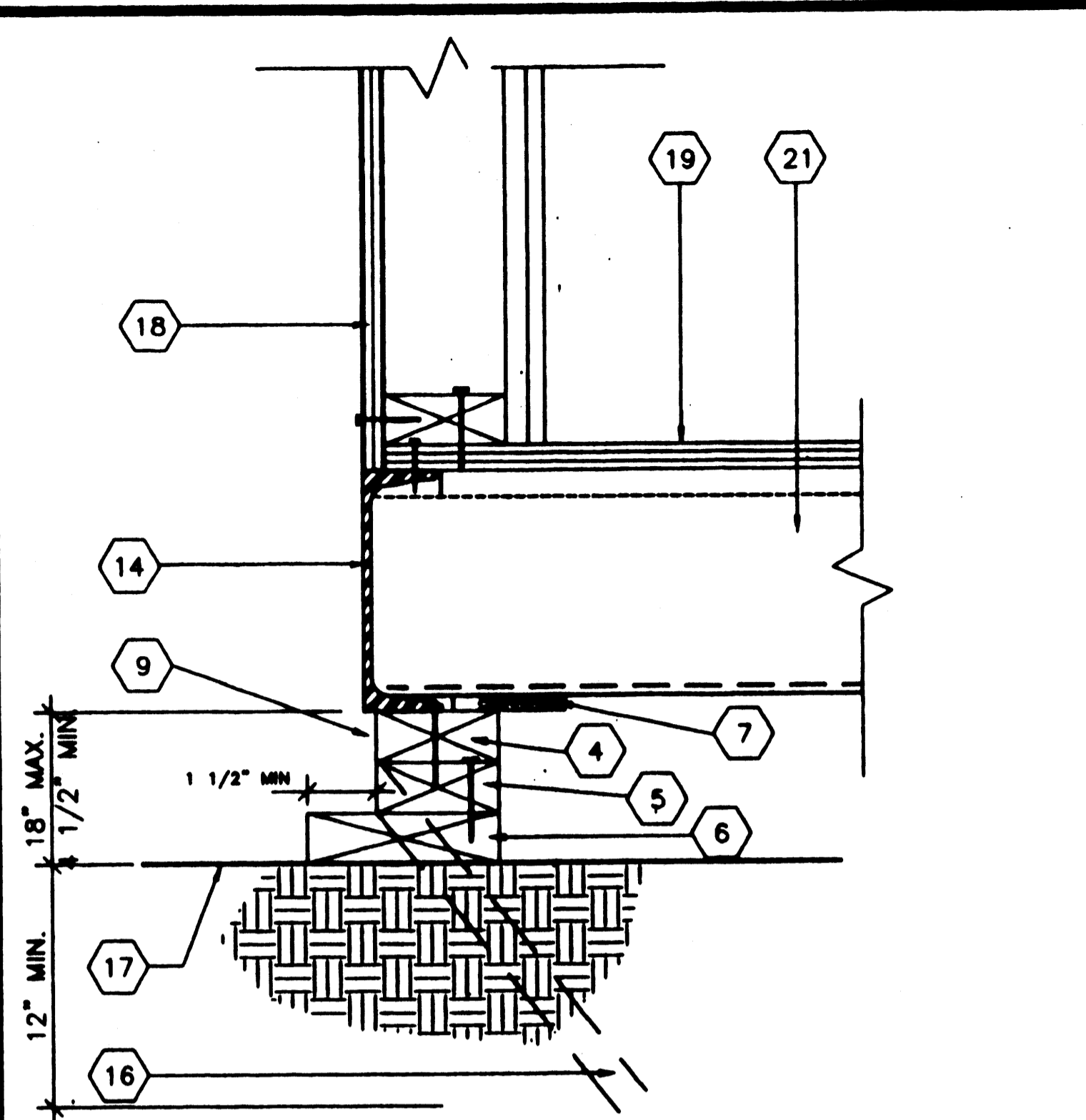
6 SCALE: 1 1/2"=1'-0"
 MODLINE PAD @ END WALL



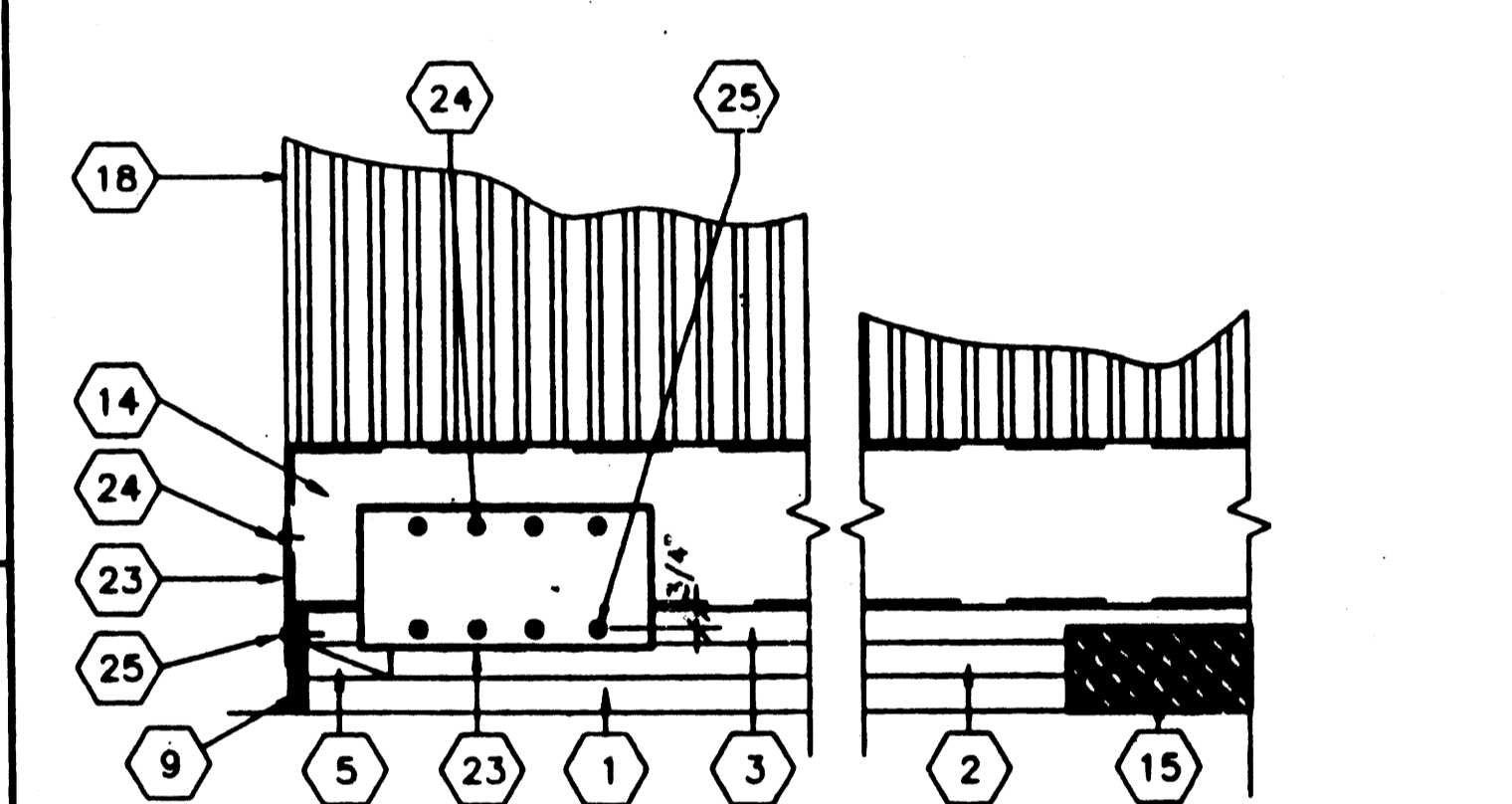
7 SCALE: 1 1/2"=1'-0"
 FOUNDATION ELEVATION @ SIDE WALL



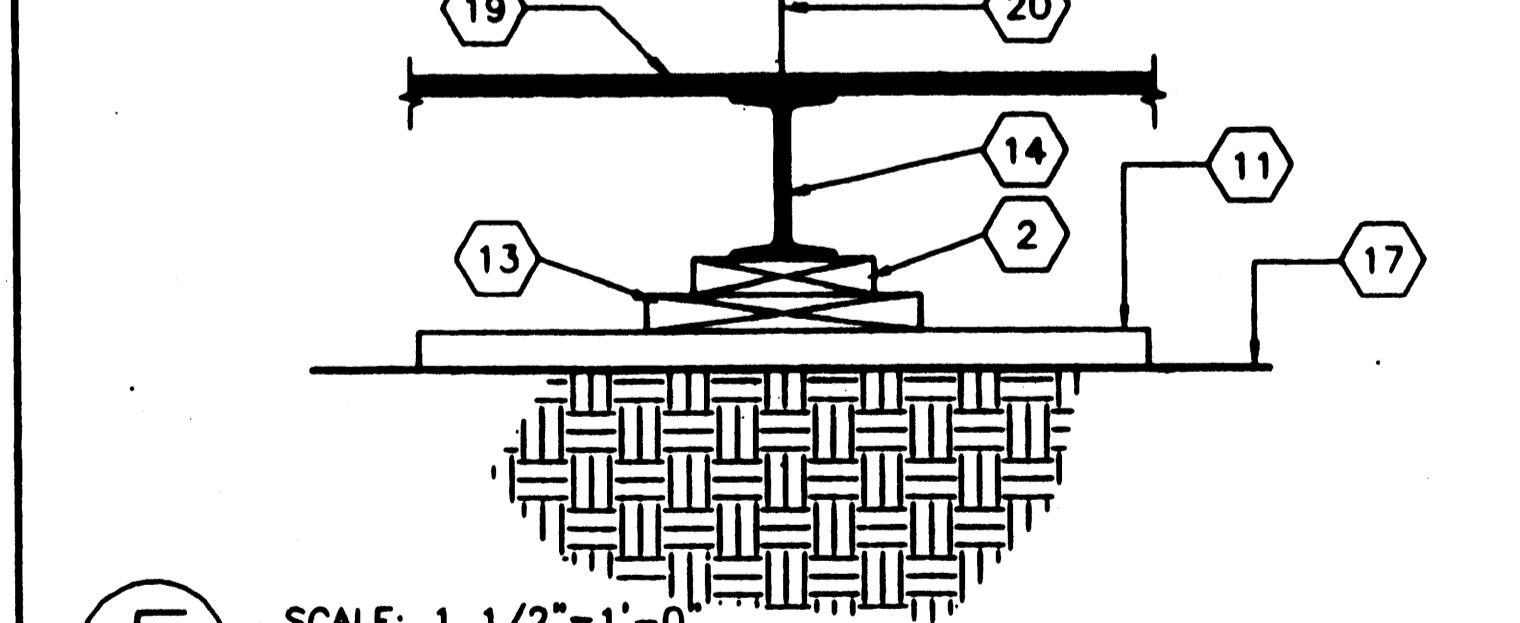
8 SCALE: 3"=1'-0"
 TYPICAL TIE PLATE



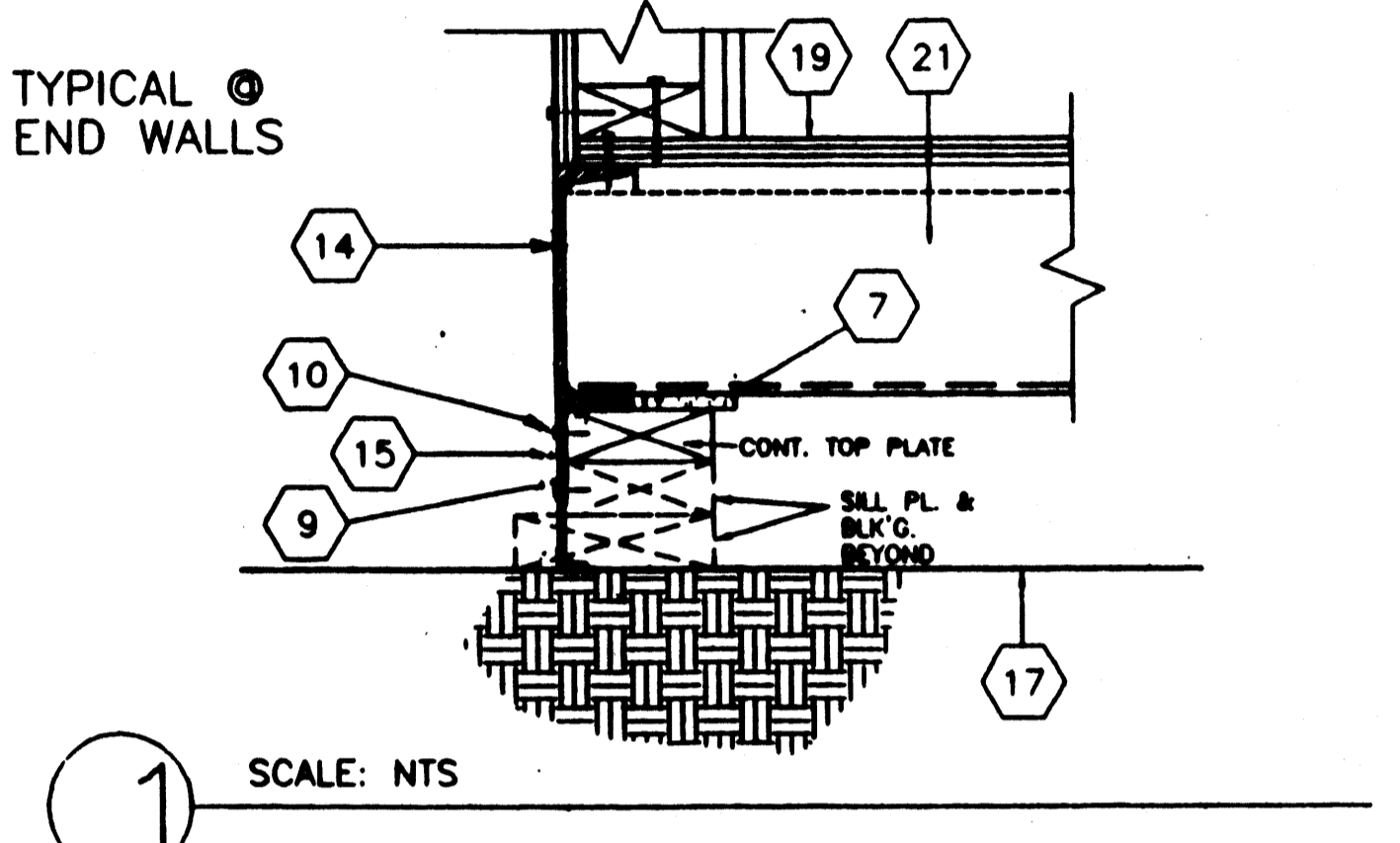
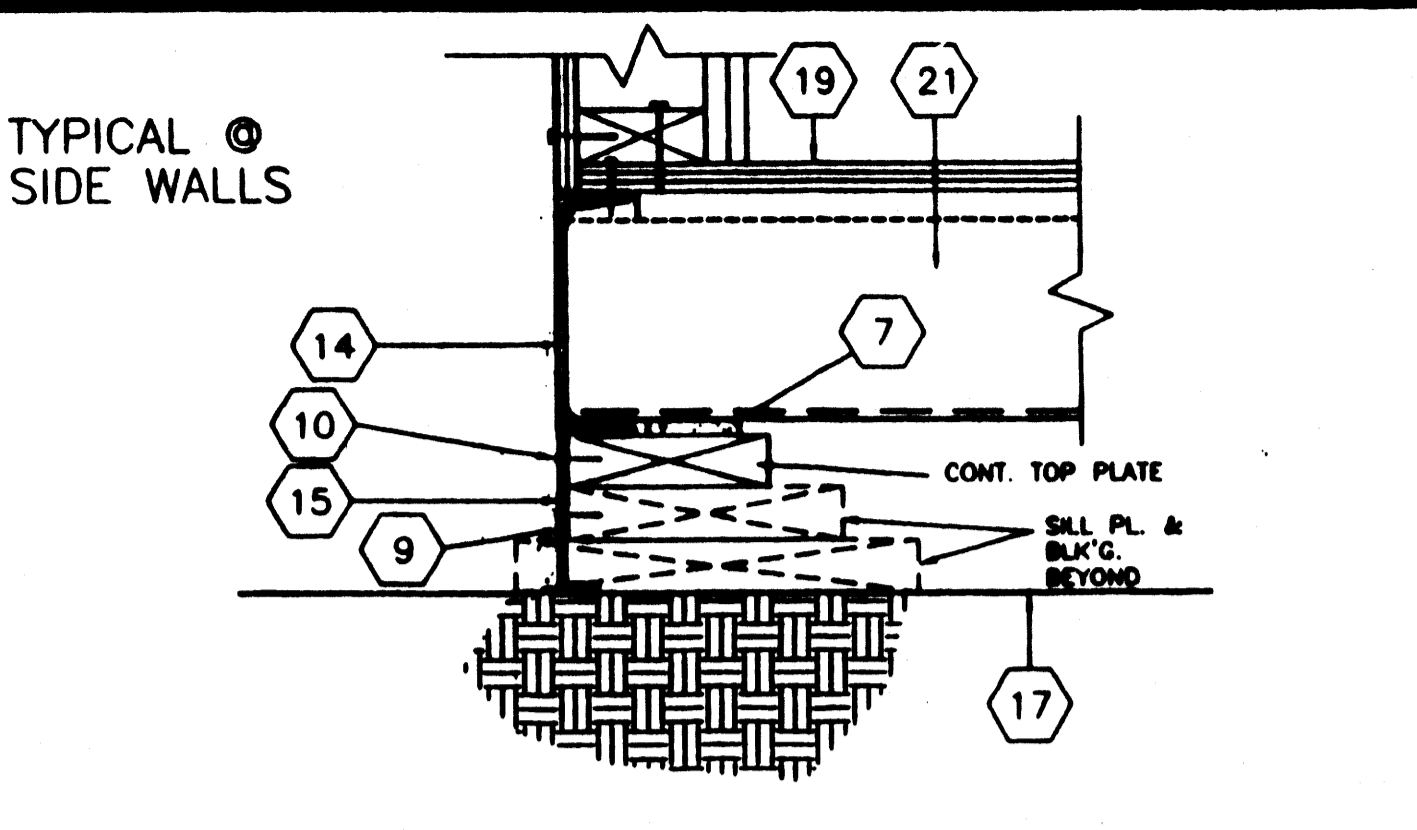
3 SCALE: 3"=1'-0"
 FOUNDATION @ END WALL



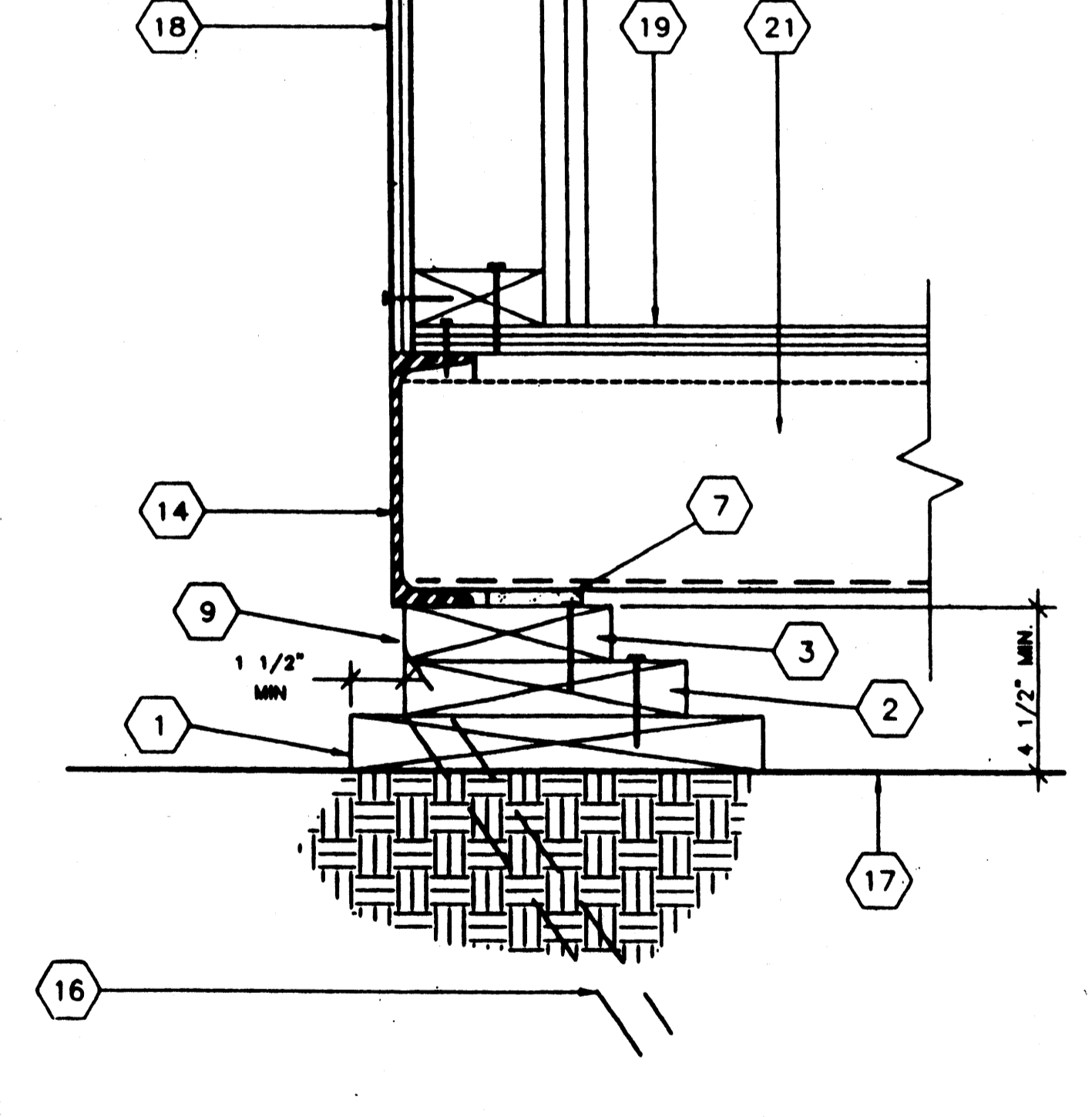
4 SCALE: 1 1/2"=1'-0"
 DETAIL @ FOUNDATION CORNER



5 SCALE: 1 1/2"=1'-0"
 FOUNDATION PAD @ MODLINE



1 SCALE: NTS
 FOUNDATION VENT



2 SCALE: 3"=1'-0"
 FOUNDATION @ SIDE WALL

- KEY NOTES**
- 1 2X12 SILL PLATE SEE FOUND. PLAN FOR LENGTH
 - 2 2X8 BLOCKING W/16d @ MAX 5" O.C. TO SILL PLATE
 - 3 2X6 TOP PLATE W/16d @ MAX 5" O.C. TO BLOCKING
 - 4 2X4 TOP PLATE W/16d @ MAX 5" O.C. TO BLOCKING
 - 5 2X4 BLOCKING W/16d MAX. 5" O.C. TO SILL PLATE
 - 6 2X6 SILL PLATE SEE FOUND. PLAN FOR LENGTH
 - 7 5/8"x2 1/2" SHIM (WHEN REQ.)
 - 8 INSERT REQ'D 2X4 BLK'NG OR PLYWD. SHIM W/16d @ 12" O.C. FACE NAIL
 - 9 OPTIONAL - MIN. 3/8" PLYWOOD SHIRTING W/ 10d @ MIN. 4" O.C. @ ENDWALLS & 6" O.C. @ SIDEWALLS E.N. & TYP. 12" O.C. FN. PLATE TO PLATE NAILING FOR THE FOUNDATION MEMBERS CAN BE DECREASED TO 12" O.C. AND FOUNDATION BLOCKING SHALL BE RECESSED SUCH THAT THE SKIRTING SHALL BE INSTALLED FLUSH WITH THE PERIMETER FLOOR CHANNEL.
 - 10 10d GALV. NAIL @ MAX. 4" O.C.
 - 11 2X12X2'-6" SILL PLATE SEE FOUND. PLAN FOR QUANTITY REQ'D
 - 12 2 X 10 PLATES W/ 2-16D BOX @ 6" O.C.
 - 13 2X10 BLK'NG FACE OR TOE NAIL 16d @ MAX 12" O.C. ADD BLKS. OR SHIMS AS REQ'D
 - 14 FLOOR FRAME BEAM SEE STRUCTURAL C7x9S
 - 15 TYPICAL FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZES AND LOCATIONS).
 - 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 4"x12"x10 GA. PLATE
 - 23 6"x12"x10 GA. PLATE
 - 24 1/4" @ S.T.S. TYP. 4-PLACES
 - 25 1/4" @ X3" LG. LAG SCREW TYP. 4-PLACES
 - 26 5/8" @ X4" LAGS (FOR LOCATION SEE PLAN)

FOUNDATION LUMBER TO BE PRE-CUT AT FACTORY. LUMBER GRADES & PRESSURE TREATING TO BE VERIFIED BY IN-PLANT INSPECTOR.

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 O4 100596
 AC FLS SS
 DATE AUG 10 1996

STKP-37

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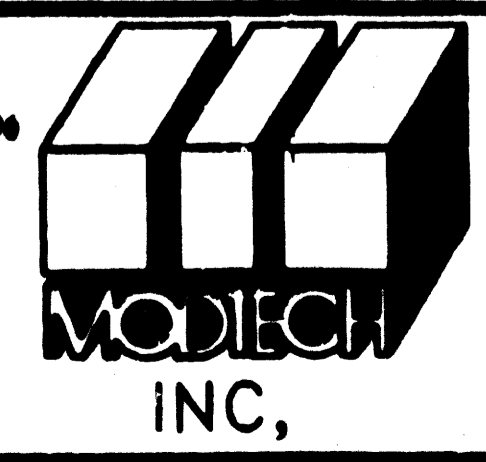
ELECTRICAL

MECHANICAL

STRUCTURAL

ARCHITECT

DIVISION OF THE STATE ARCHITECT
 REVISED AUG 27 1996
 PC 266
 AC FLS SS
 DATE 8-9-96



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

JOB NO. 4012-083
 2900

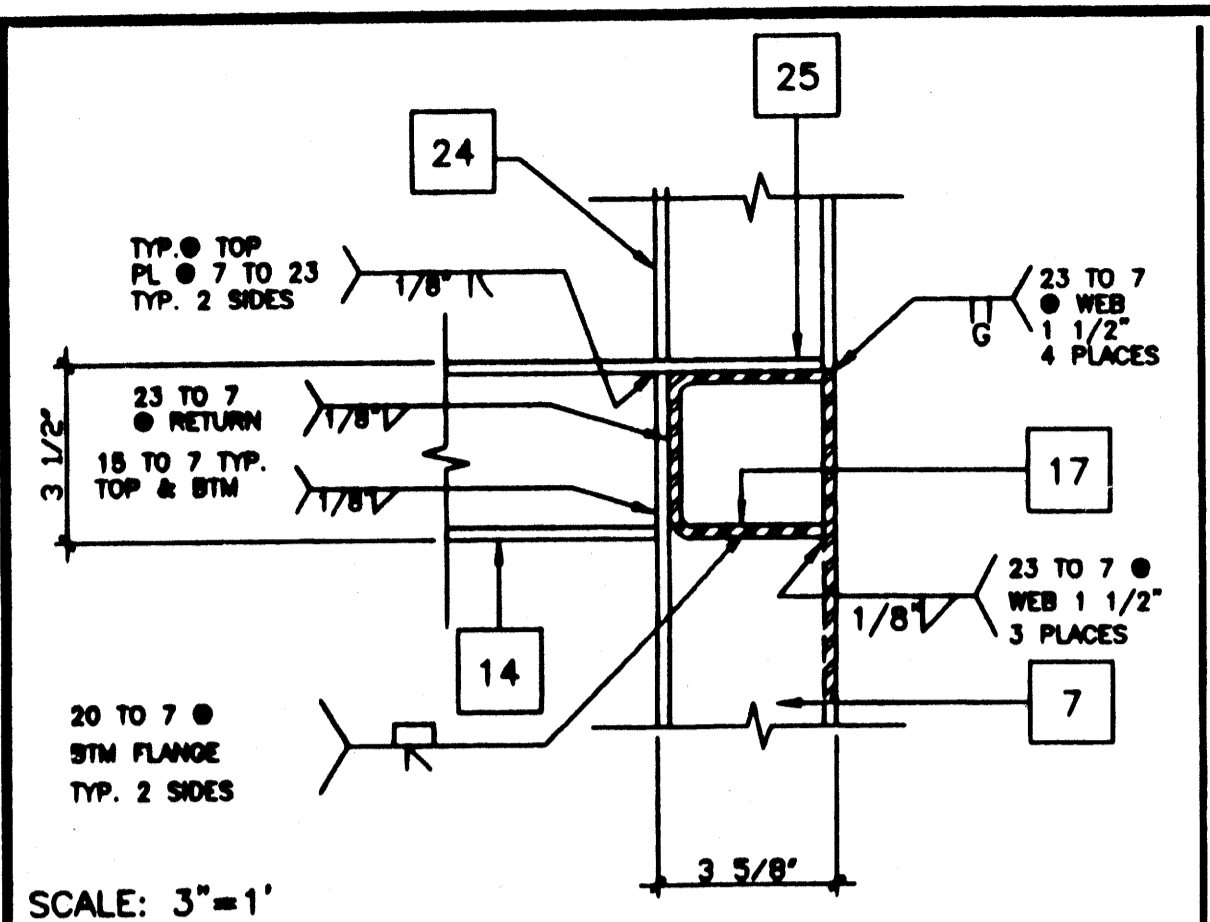
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 2854
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 2910

DRAWN BY RHJ
 DATE 8/96
 CHECKED BY FH
 DATE 8/96
F3.0

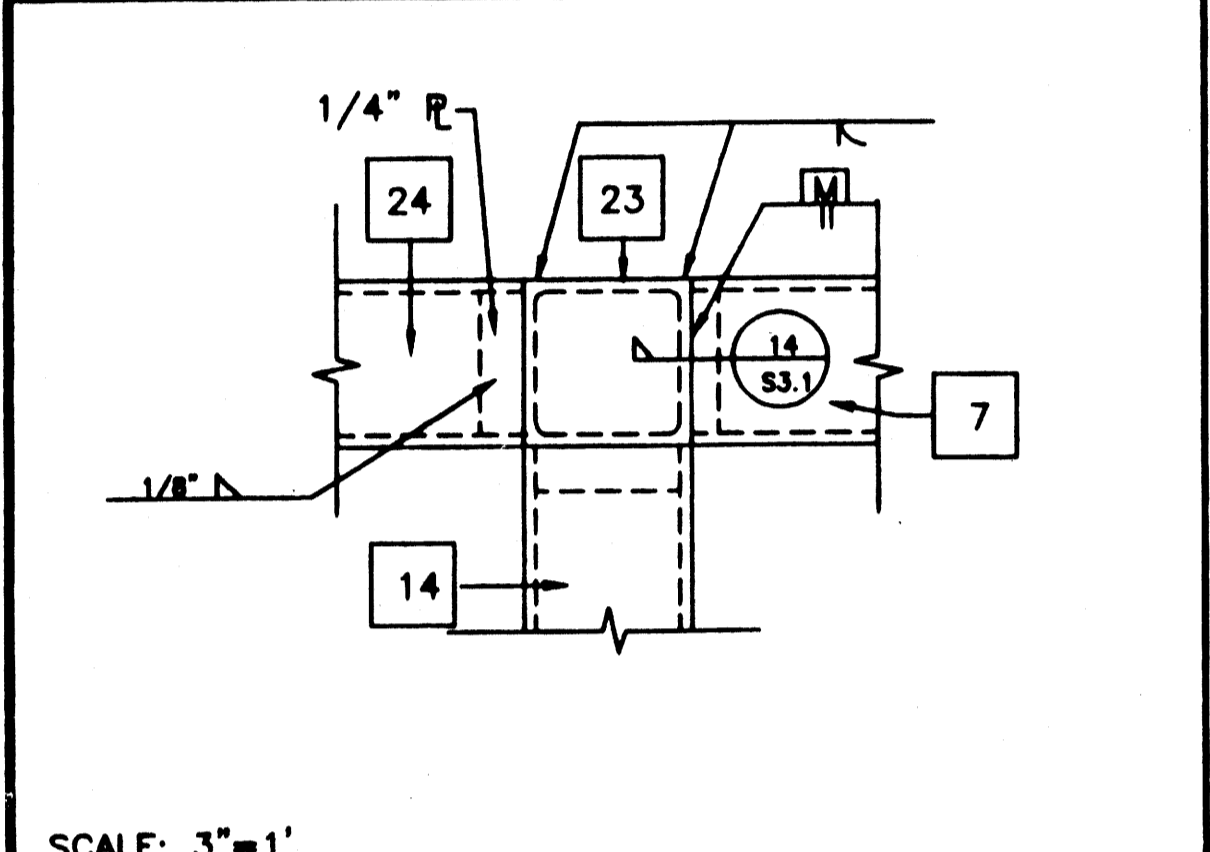
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FOUNDATION DETAILS **F3.0**

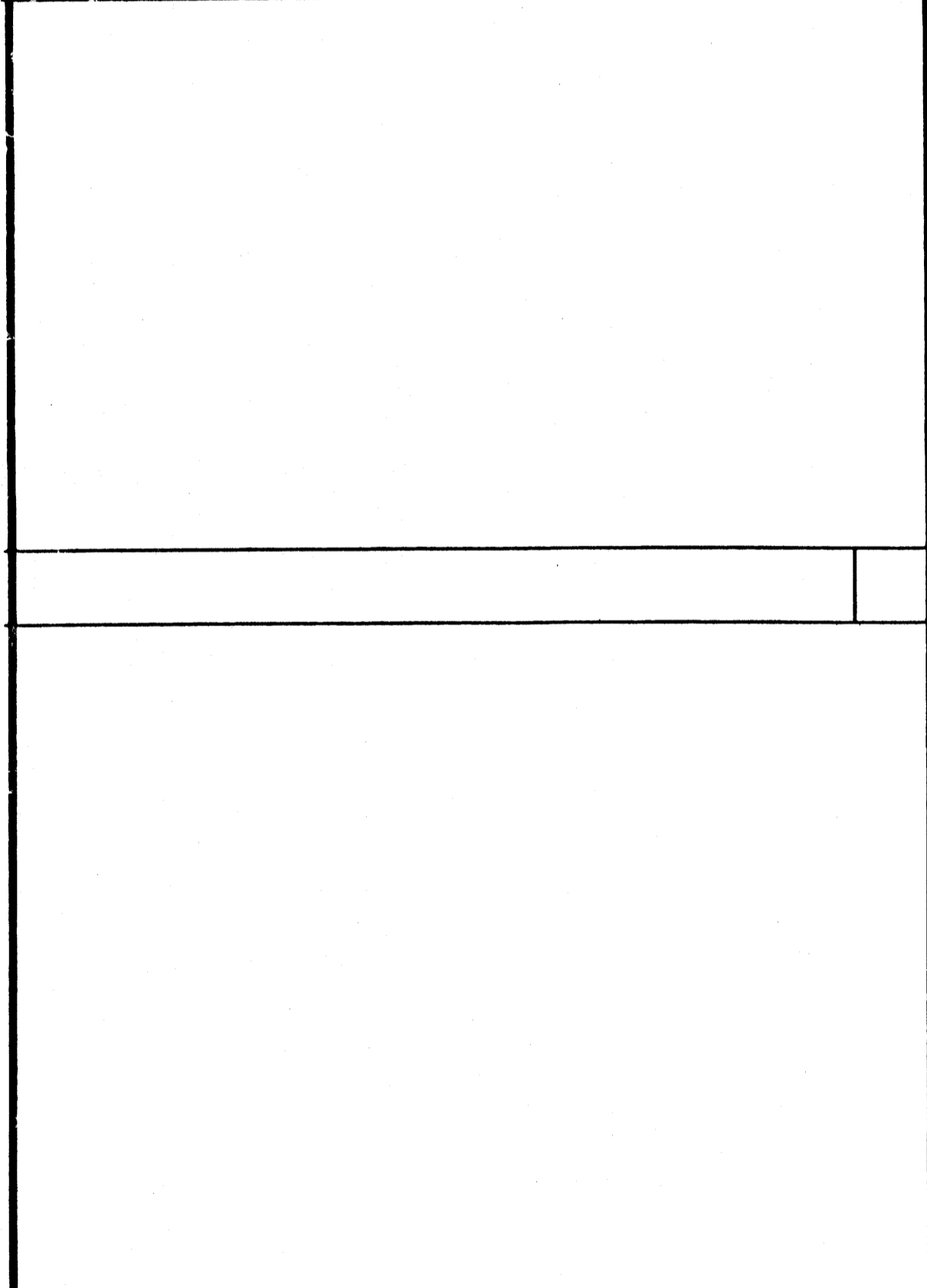
- KEY NOTES**
- 1 CAP CLOSURE • RIDGE 26GA. GALV. W/ #10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT SEE DETAIL-
 - 2 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) • 8" O.C.
 - 3 E.N.
 - 4 MODULE JOINT
 - 5 NOT USED
 - 6 STANDING ROOF SEAM (SEE A2.0)
 - 7 ROOF BEAM (SEE STRUCTURAL) SEE 3/S3.1 & 12/S3.1
 - 8 PLYWOOD FLOOR SHEATHING
 - 9 FLOOR JOIST 6/S3.1
 - 10 FLOOR BEAM (SEE STRUCTURAL 5/S3.1) **C7X9.8**
 - 11 HAND HOLE • BOLT LOCATION
 - 12 PLYWOOD ROOF SHEATHING
 - 13 3 1/2"x3 1/2"x1/4" STEEL TUBE COLUMN
 - 14 ROOF HEADER (SEE STRUCTURAL 1/S3.1)
 - 15 1/4" STIFFENER PLANE SEE 9/S3.1 FOR TYP. WELD
 - 16 "C" BLOCKING SEE 6/S3.1
 - 17 10GA. BACK-UP R.
 - 18 NOT USED
 - 19 NOT USED
 - 20 2"x2"x3/16" L
 - 21 3 1/4"x1"x45 11/16" LX10GA. CHANNEL TOP & BOTTOM CENTER OF OPENING
 - 22 ROOF PURLIN SEE 2/S3.1
 - 23 TUBE STEEL (SEE 11/S3.1) STIFFNER COPE TO FIT ROOF BEAM.
 - 24 ROOF BEAM AT OVERHANG SEE 4/S3.1



COLUMN SECTION 11



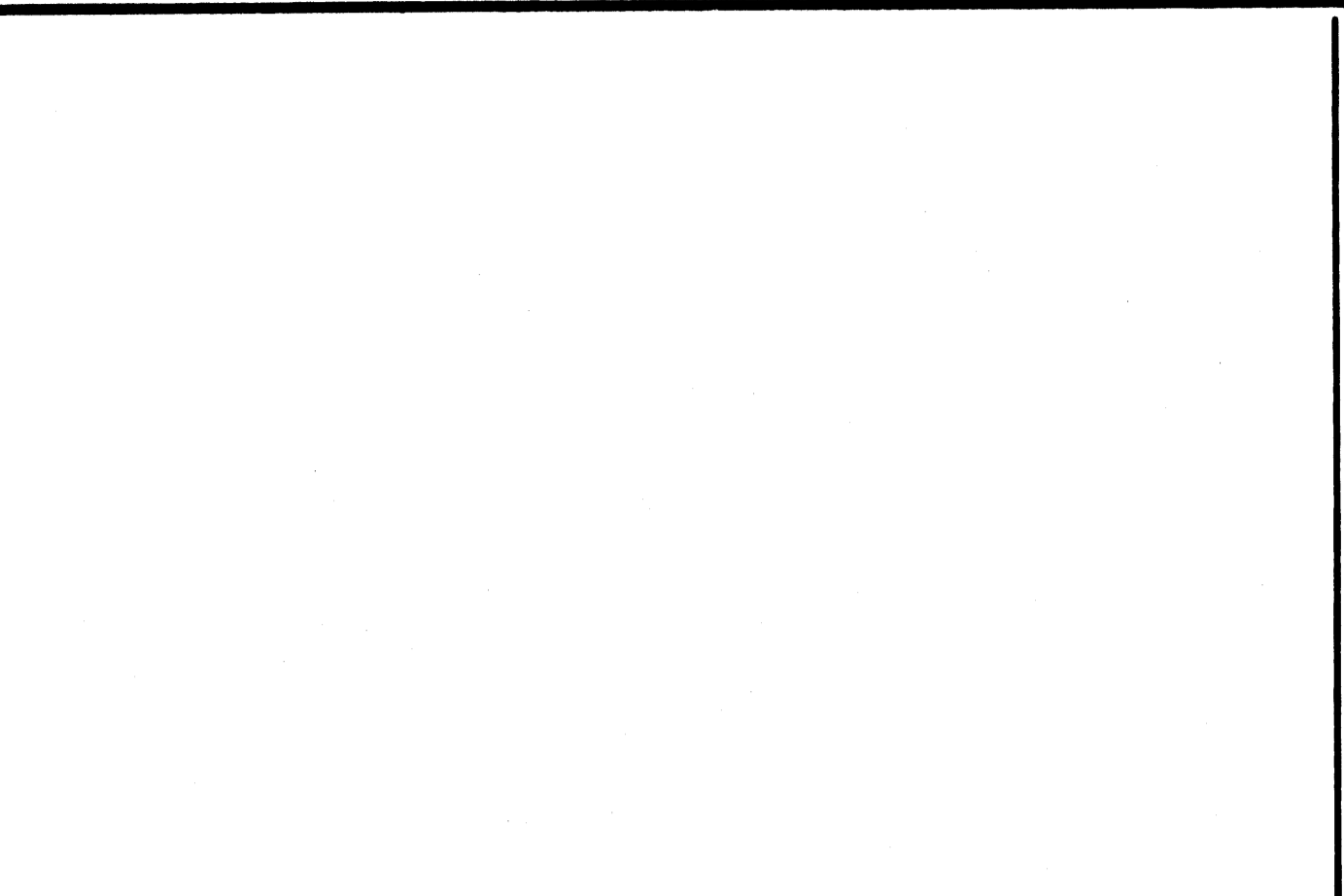
COLUMN CAP PLATE 12



ROOF HEADER AT FRONT OVERHANG 10

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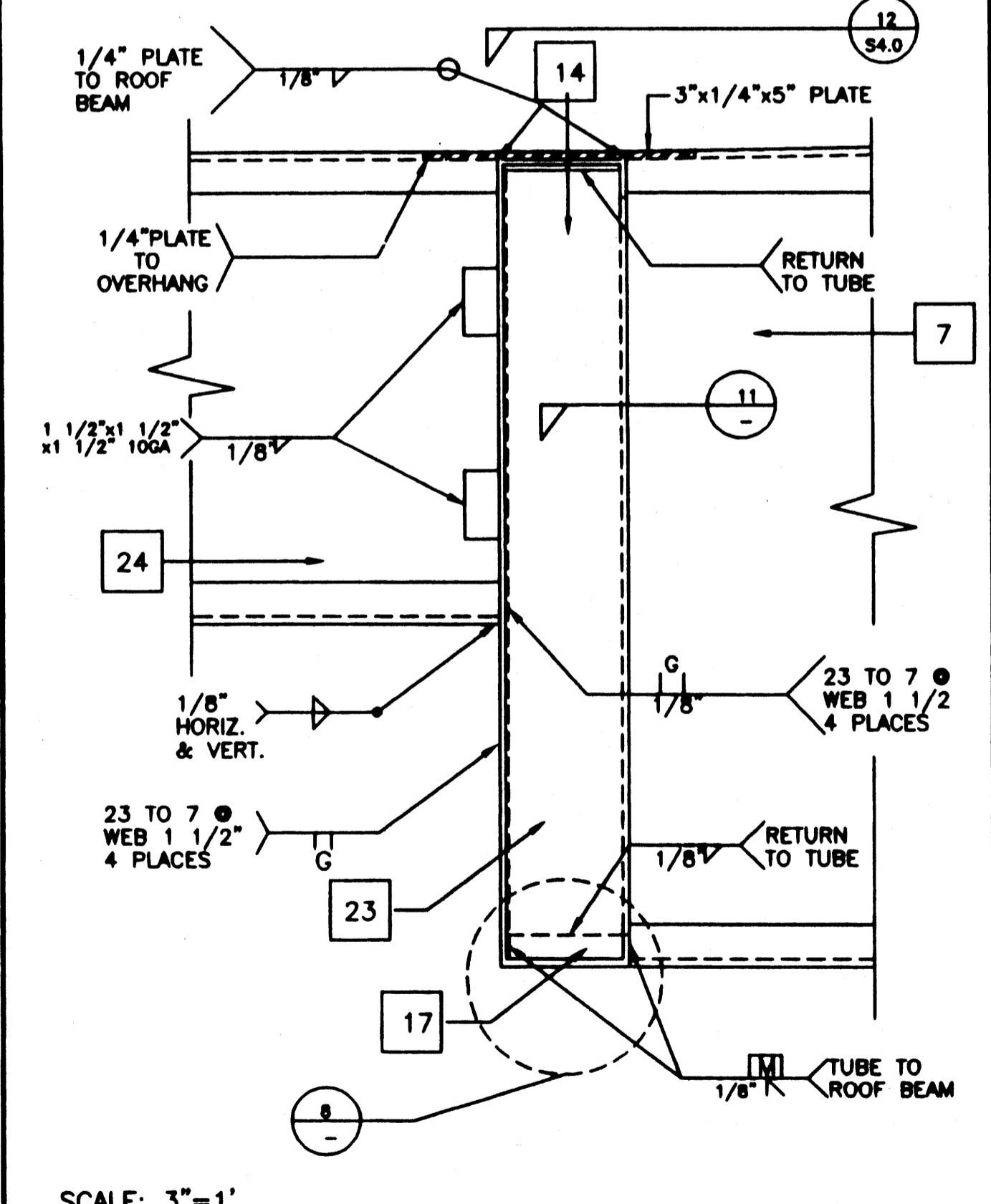
1		
2		
3		
4		
5		



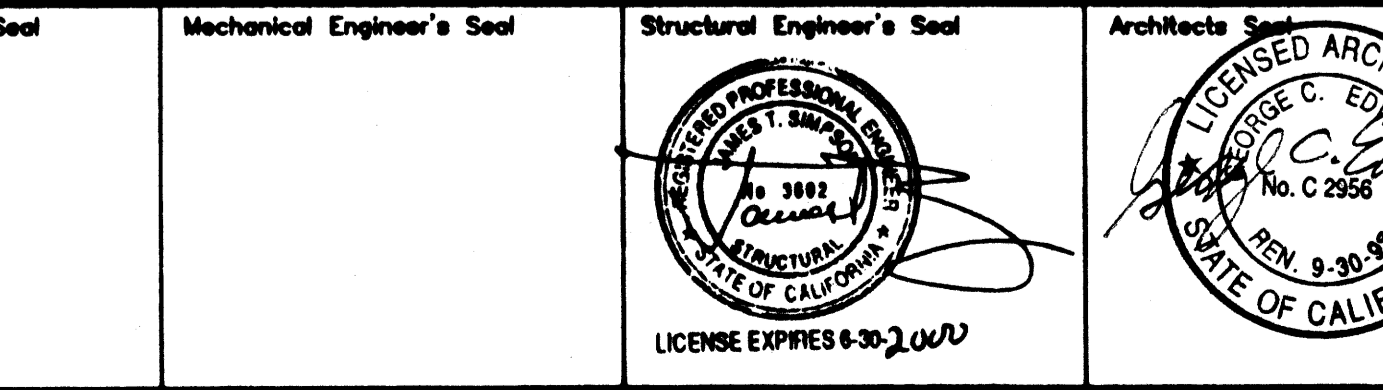
MECH. DUCT OPENING IN HEADER 8



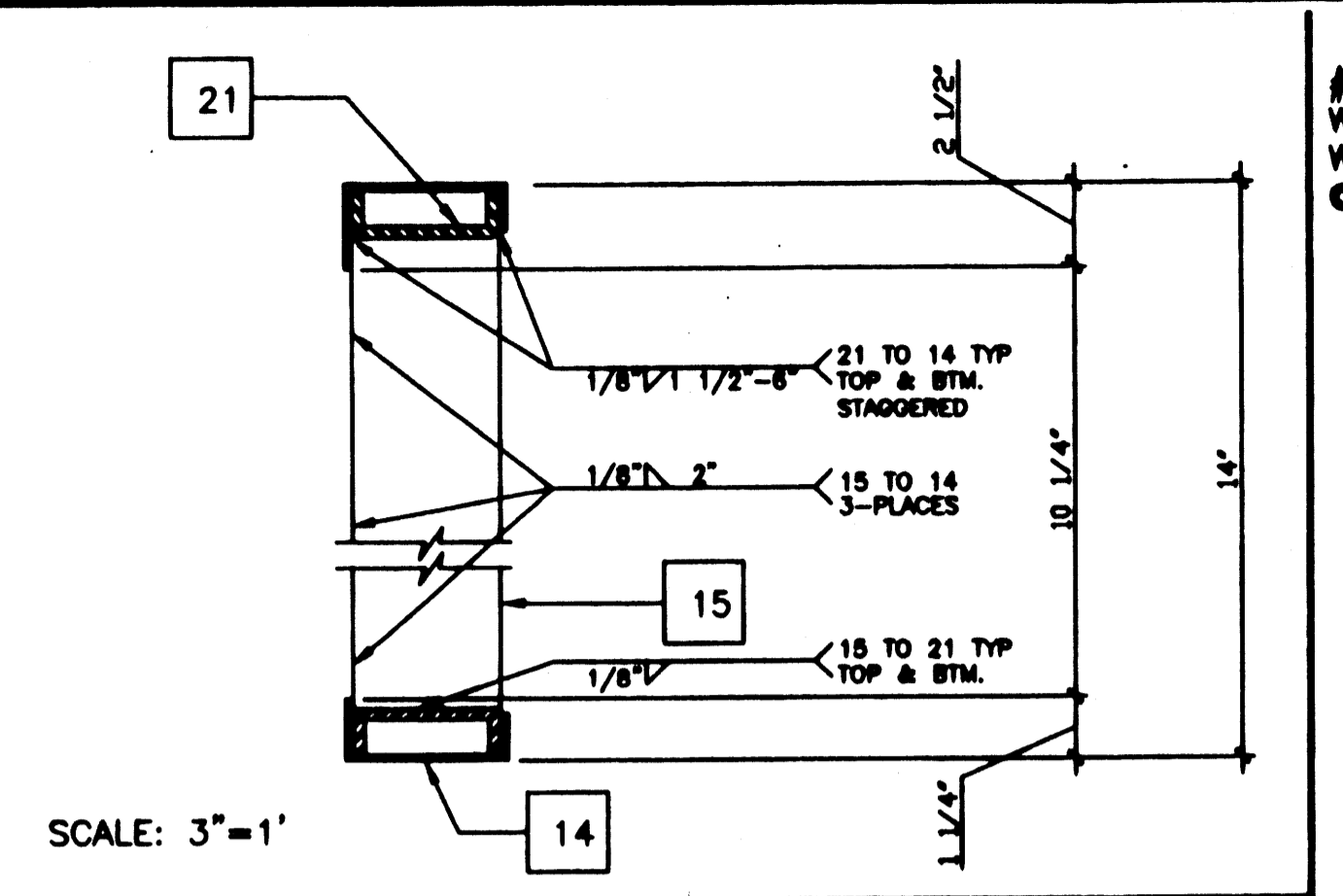
ROOF PAN 9



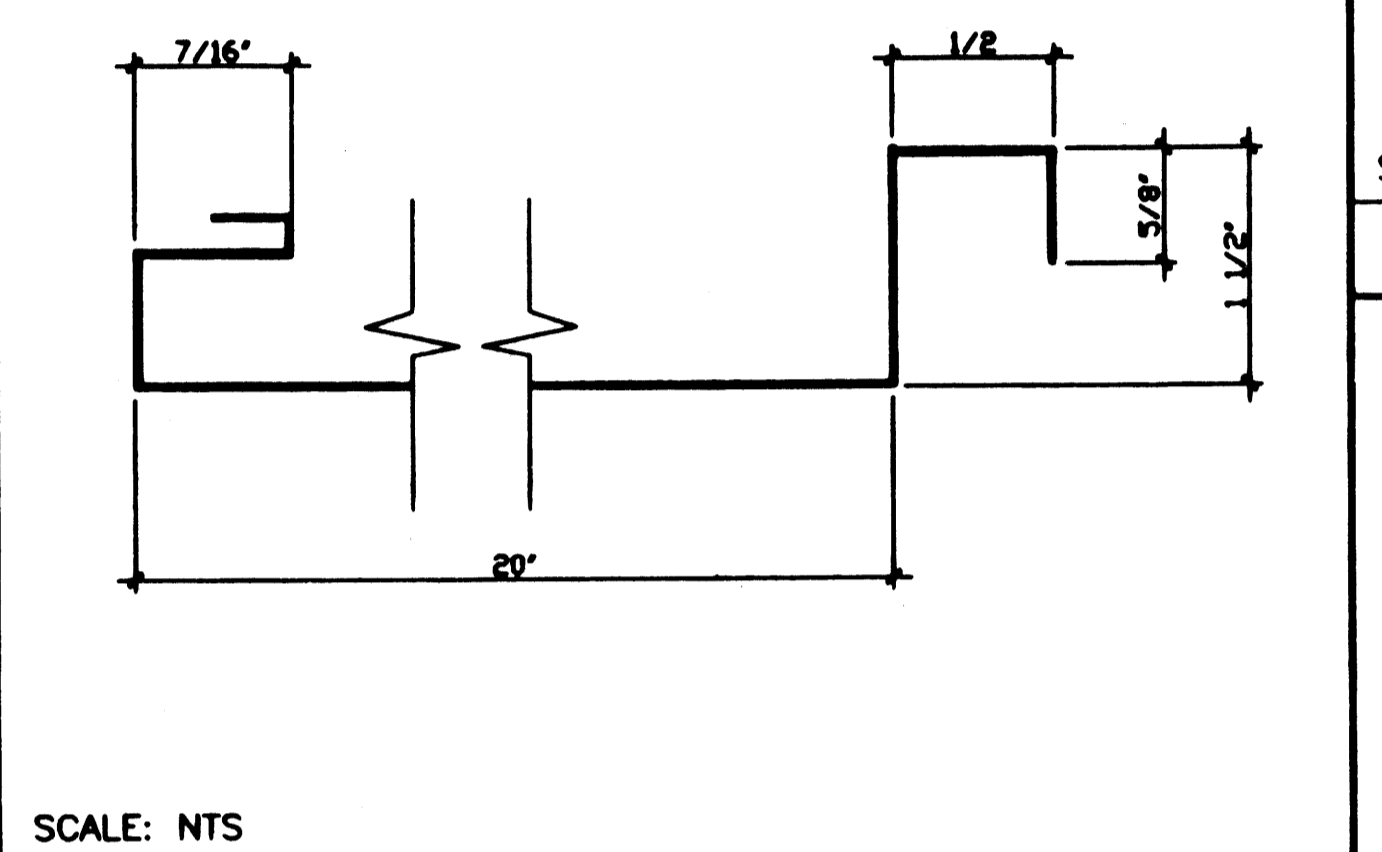
FLOOR FRAME/JOIST TO BEAM 6



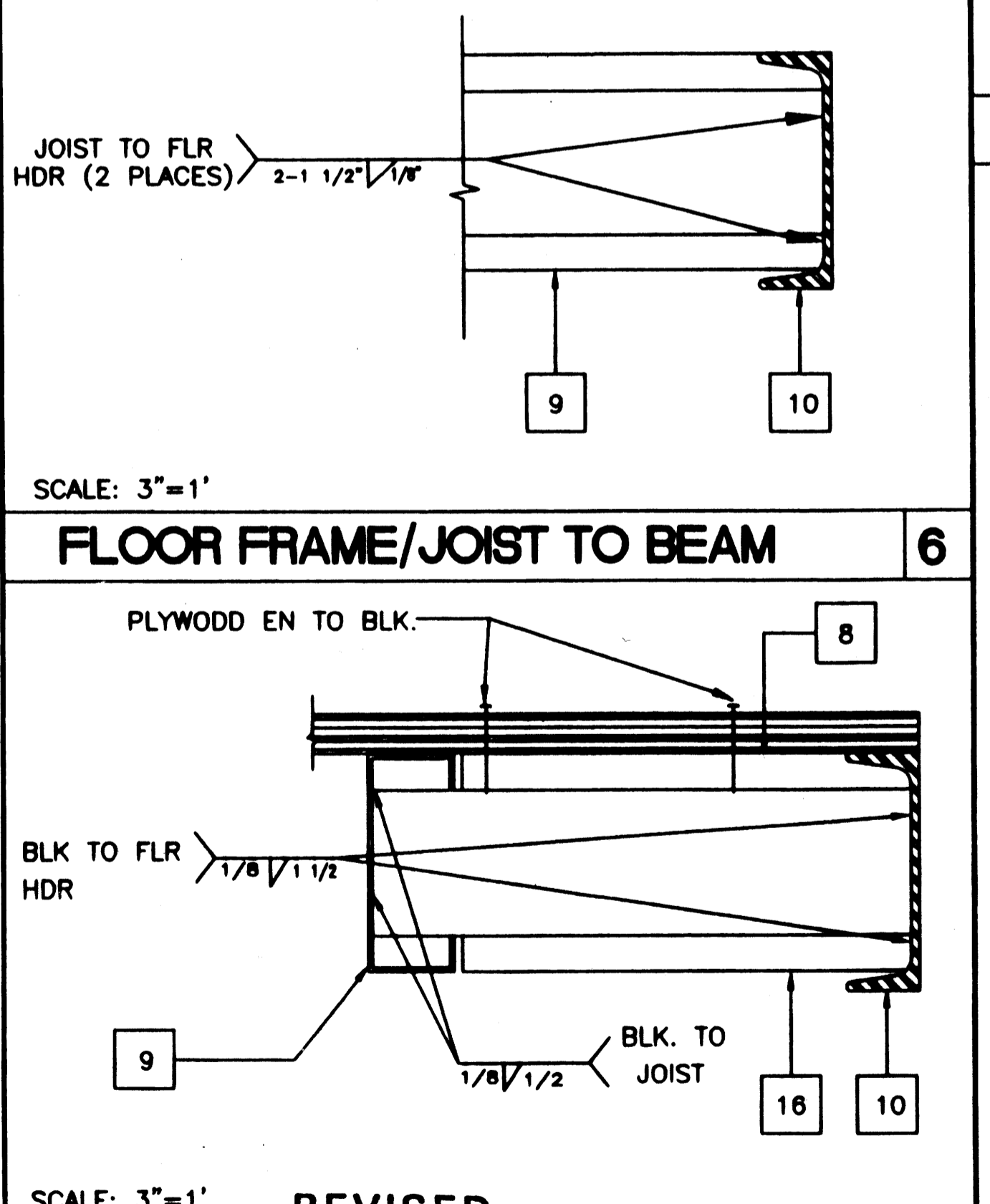
ROOF HEADER AT BLOCK AT MIDSPAN 7



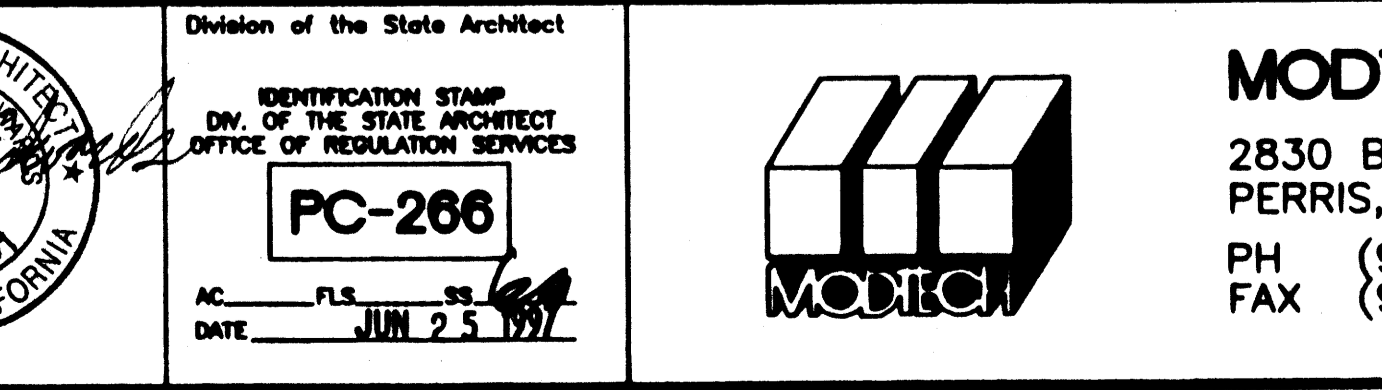
MECH. DUCT OPENING IN HEADER 4



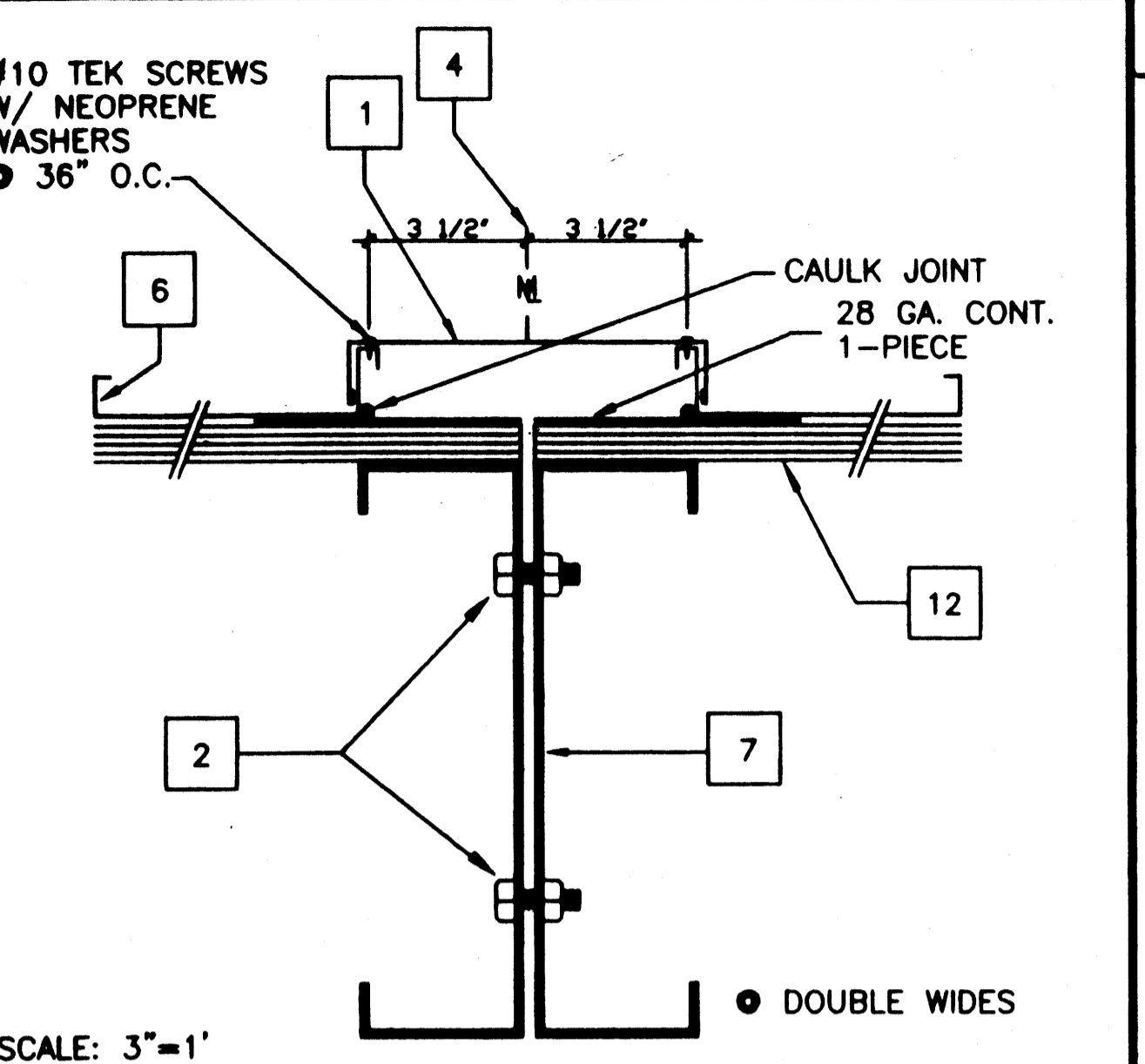
ROOF PAN 9



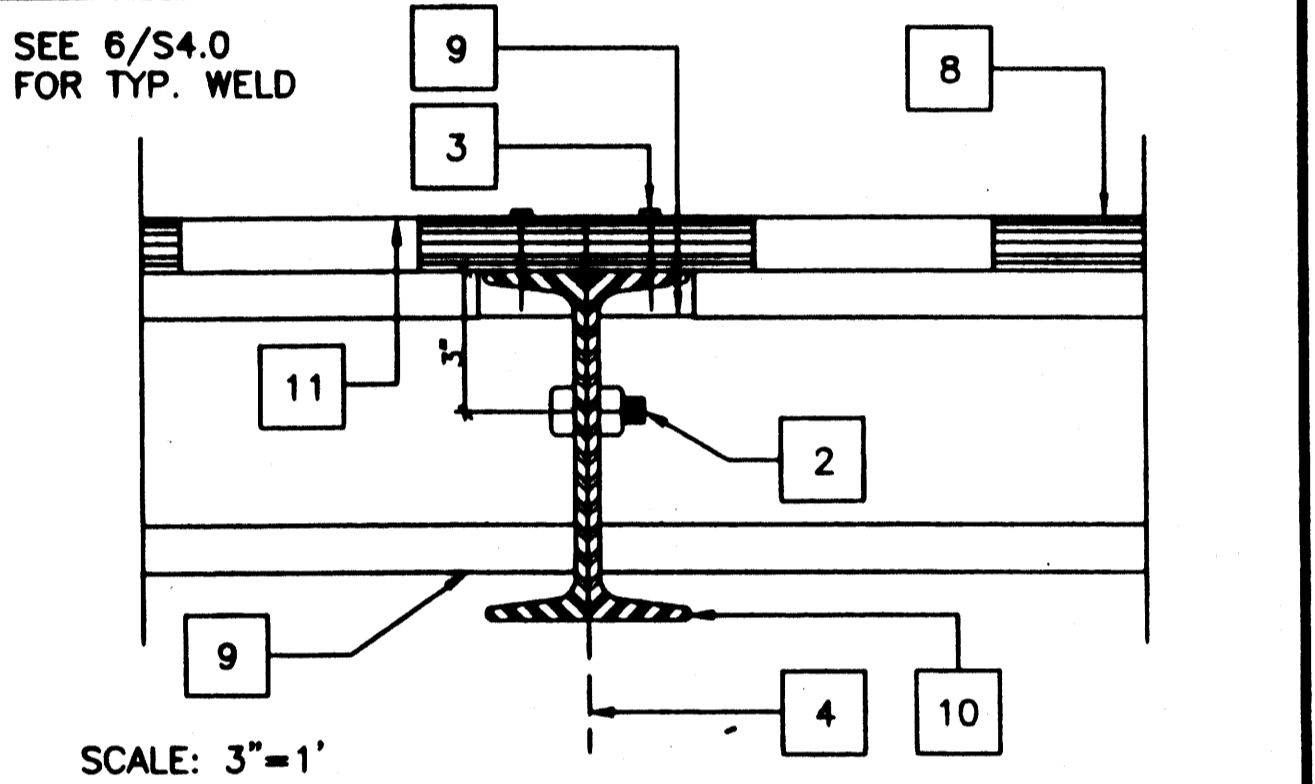
FLOOR FRAME/JOIST TO BEAM 6



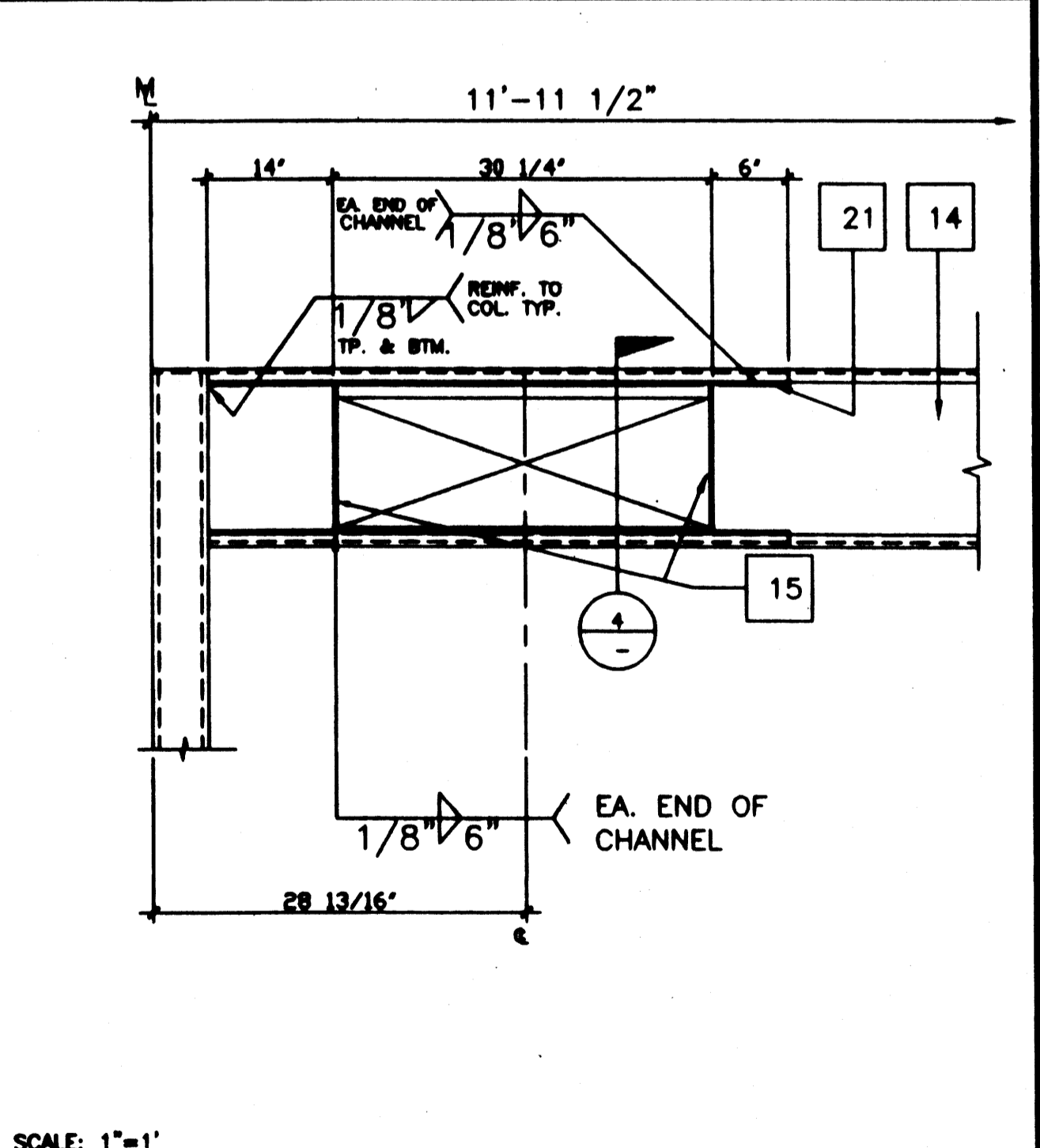
ROOF HEADER AT BLOCK AT MIDSPAN 7



ROOFING AT MODLINE 1



MODULE JOINT AT FLR. 2



ELEVATION-OPENING 3

REVISIONS

1		
2		
3		
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5		

Electrical Engineer's Seal
 Mechanical Engineer's Seal
 Structural Engineer's Seal
 ARCHITECT'S SEAL
 DIVISION OF THE STATE ARCHITECT
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 OFFICE OF REGULATION SERVICES
 PC-266
 AC FLS SS
 DATE JUN 25 1997

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

PROJECT NUMBER: 2900
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 4012-083

STKP-37
 drawn by: 2765
 checked by: 2852
 date: 2854
 project no: 2900
 MODTECH Index No.
S4.0

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 APP. 03-119509 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/1/2019

ELECTRICAL PANEL SCHEDULE

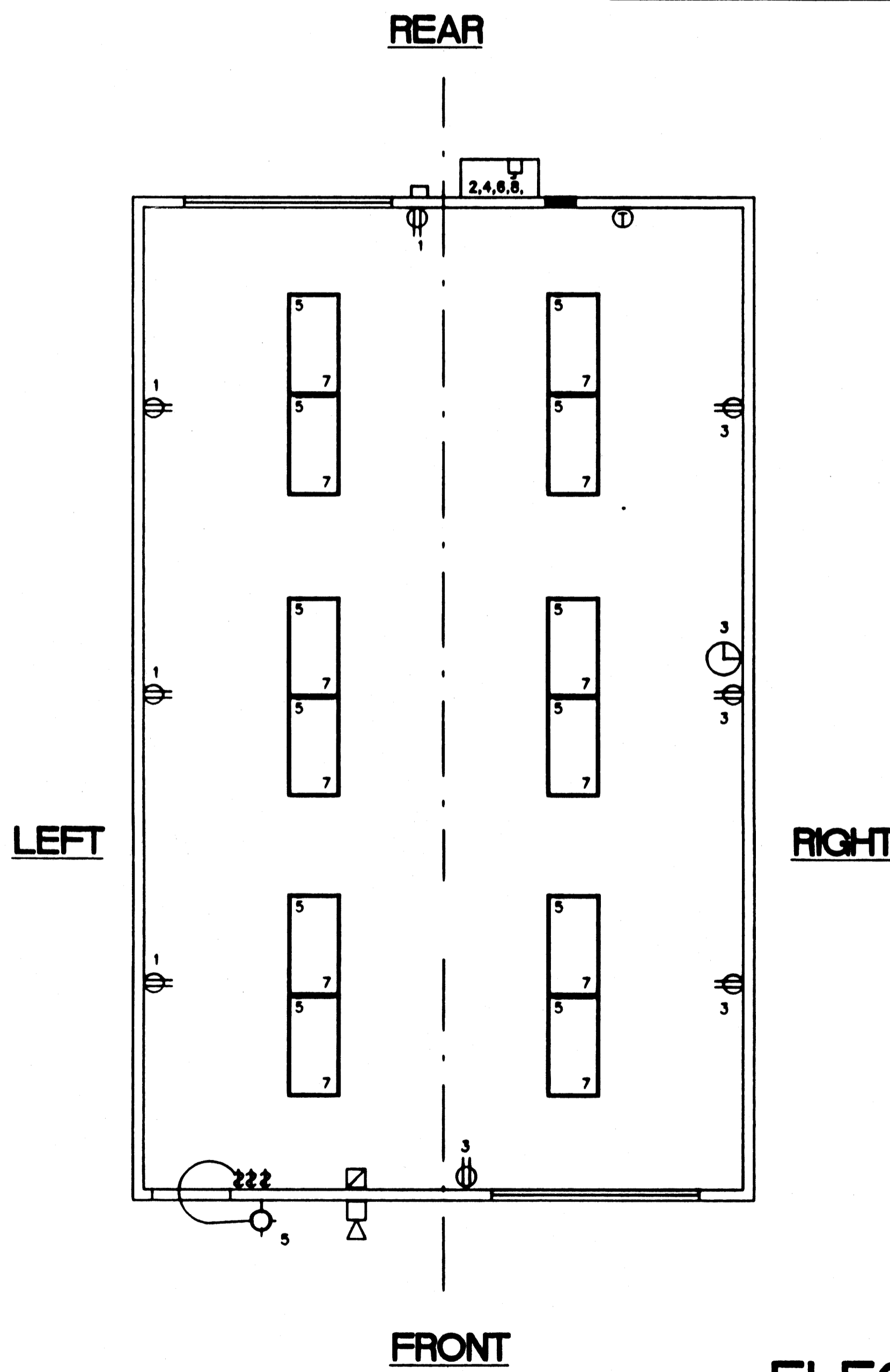
LOAD	WATTS		BREAKER		U		A		B		BREAKER		WATTS		LOAD
	A ₁	B ₁	A ₂	B ₂	1	2	3	4	5	6	7	A ₂	B ₂		
RECEPTACLE (4)	720		20	1	1							2	50	2400	HVAC 3.5 (T)
RECEPTACLE / CLOCK (5)		900	20	1	3							4		8400	HVAC 3.5 (T)
INT. / EXT. LIGHTS (25)	876		20	1	5							6	30	2800	HVAC (HS)
INTERIOR LIGHTS (24)	816		20	1	7							8		2500	HVAC (HS)
FA (DEDICATED)	40		-	-	9							10			
					11							12			
					13							14			
					15							16			
					17							18			
WATTS/PHASE	A = 7,035		1636	1716							5400	5400	B = 7,116		WATTS/PHASE
TOTAL	14,575	WATTS	61		AMPS		120/240		VOLTS		SINGLE		THREE		WIRE
NCL	= 12,460		W												

GENERAL GROUNDING NOTES

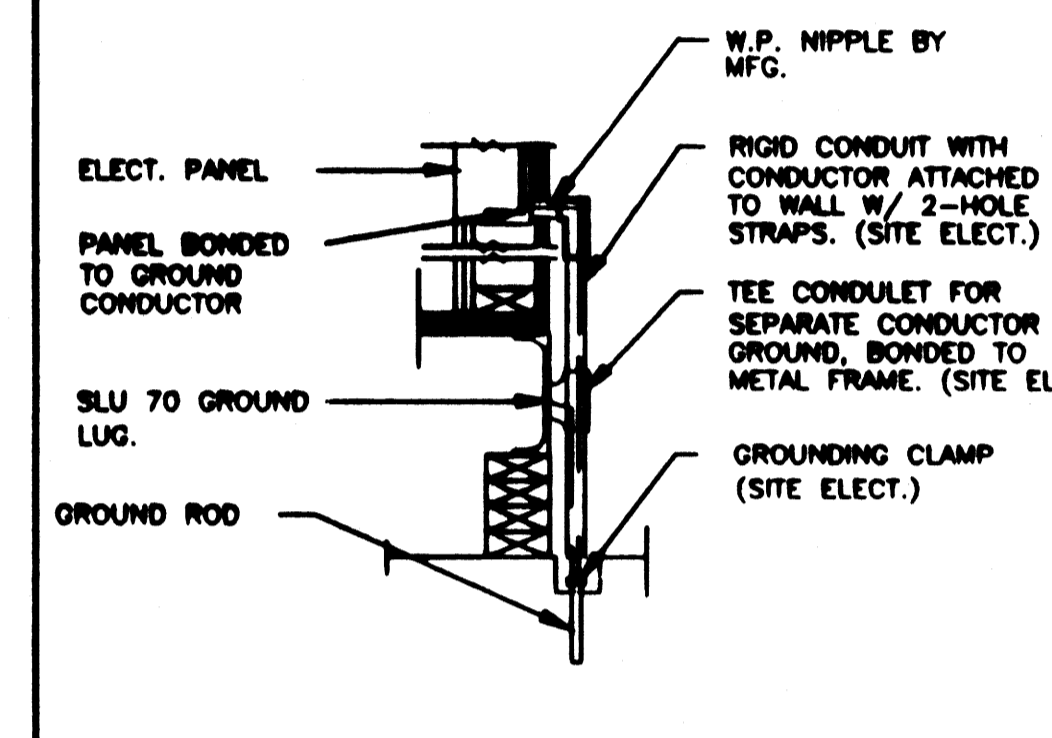
- EACH BUILDING SHALL BE SEPARATELY GROUNDING WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
- TESTING: TEST 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)
- PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 18 J, PART B.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUND NO TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH C.E.C. ARTICLE 250.

ELECTRICAL LEGEND

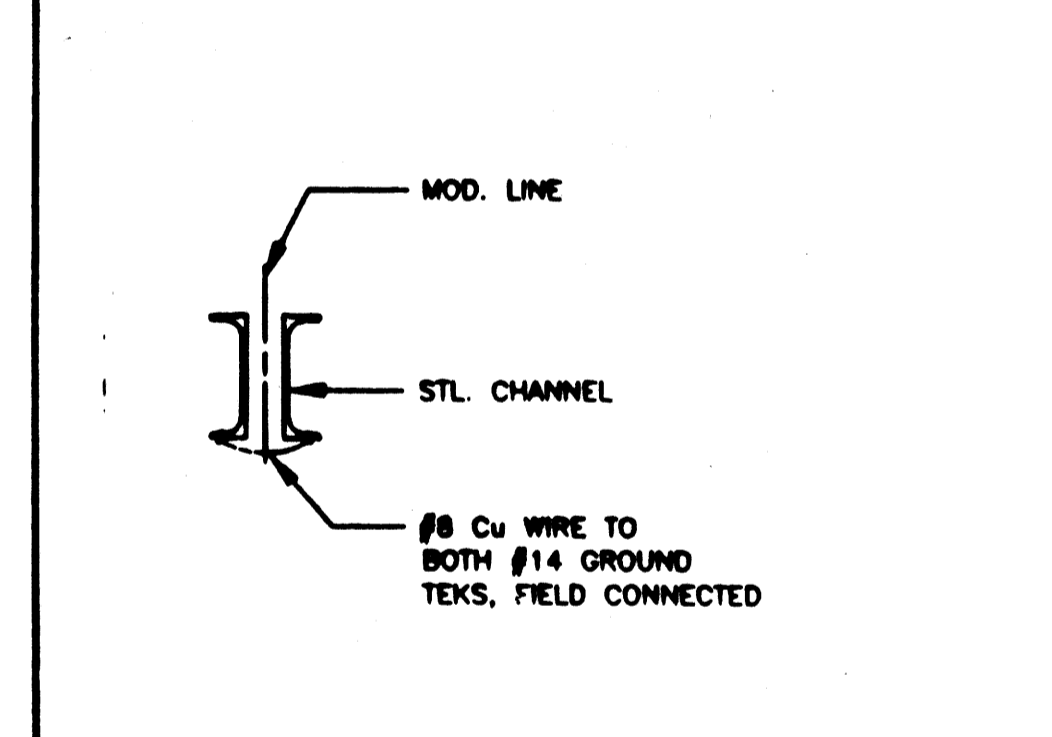
- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +90" AFF
- DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE AT +18" AFF U.N.O.
- THERMOSTAT. + 48" AFF (HV)
- HVAC UNIT (HV)
- 4s 'J' BOX FOR INT. FA PULL BOX. +48" AFF 3/4" CO TO PULLSTRING.
- 4s 'J' BOX FOR EXT. HORN/BELL. +96" AFF 3/4" CO STUB IN ATTIC. PULLSTRING.
- (6x6) WEATHER PROOF GUTTER BOX + 18" AFF 3/4" CO STUB IN ATTIC. PULLSTRING
- ELECTRICAL PANEL. + 60" AFF (E)
- SWITCH +48" A.F.F.
- CLOCK. + 96" AFF



ELECTRICAL PLAN (24' X 40')



TYP GROUNDING DETAIL 1



GROUND JUMPER • MOD LINE 2

NOTES

- SCHOOL EQUIPMENT ANCHORAGE
 THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:
 THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 2312 (g) AND TABLE 23-P. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIP. WEIGHING LESS THAN 400 LBS. & 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	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

 FOR FLEXIBLY 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 = 1.0 AND SEISMIC ZONE, Z = 0.4.
 WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

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 OFFICE OF REGULATION SERVICES
 O4 100596
 AD: FLS 1/2 SS
 DATE: AUG 1 0 1994

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Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

Division of the State Architect

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 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
PC-266
 DATE JUN 25 1997

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

PROJECT NUMBER: 2900 © MODTECH, INC. 1997 4012-083

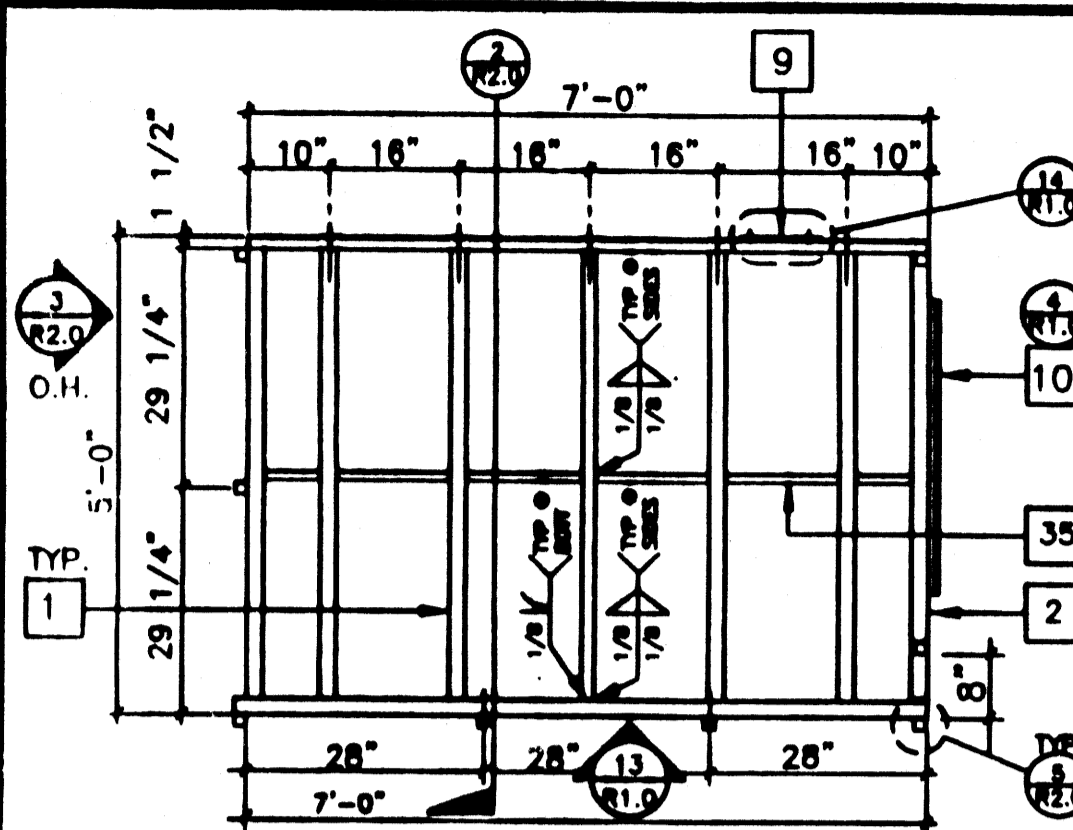
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 checked by: [Signature]
 date: 2/6/97
 Modtech project no: 2762, 2852, 2854, 2900, 2818

E1.0

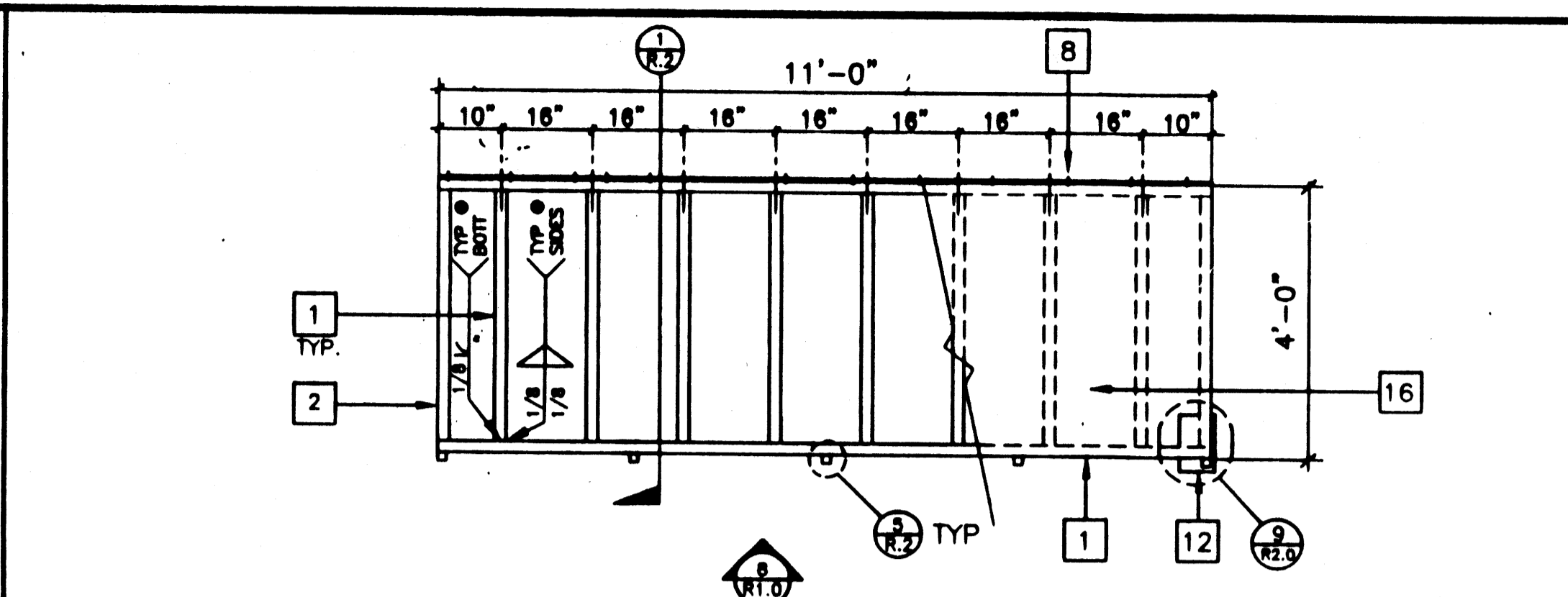
FILE # P266E10.DWG PROJECT NO. PC-266

KEY NOTES

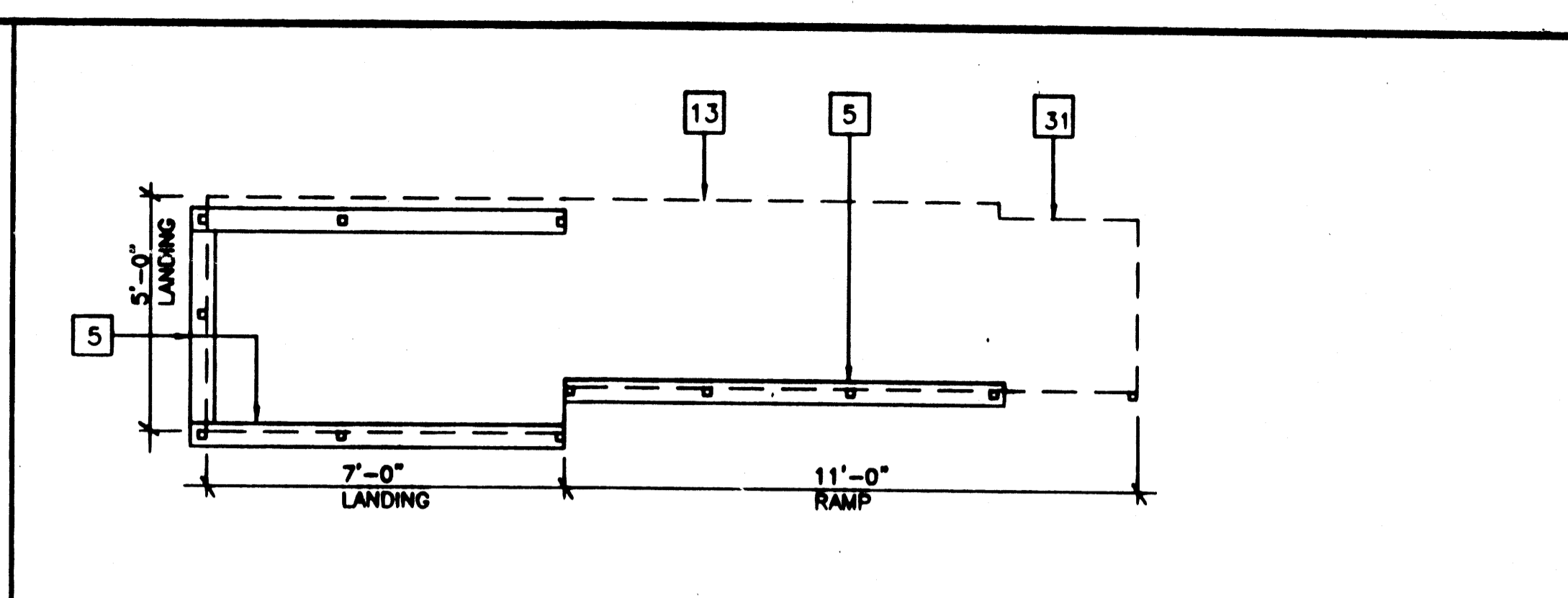
- 1 TS 2" x 2" x 14ga
- 2 TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
- 4 TS 1" x 1" x 16ga WHEELCHAIR GUIDE
- 5 2 x 6 FT SILL PLATE
- 8 6" x 10ga CONT. PLATE W/ 1/4" x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
- 9 8" x 12" x 10ga PLATE W/ 2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
- 10 3" x 1" x 3'-0" x 10ga BENT PLATE
- 11 2" x 4" x 12ga BASE PLATE W/ 2-1/4" x 1" LAGS
- 12 8" x 10" x 12ga BASE PLATE @ RAMP TOE
- 13 LINE OF RAMP/LANDING ABOVE
- 14 LOWER LANDING BY DISTRICT
- 15 SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ 8d @ 8" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 8" OC
- 16 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR. RAMP EXTENSION FRAME.
- 17 EXISTING BUILDING.
- 18 RAMP BY MODTECH
- 27 FLUSH TRANSITION
- 28 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
- 35 TS 1" x 1" x 16ga



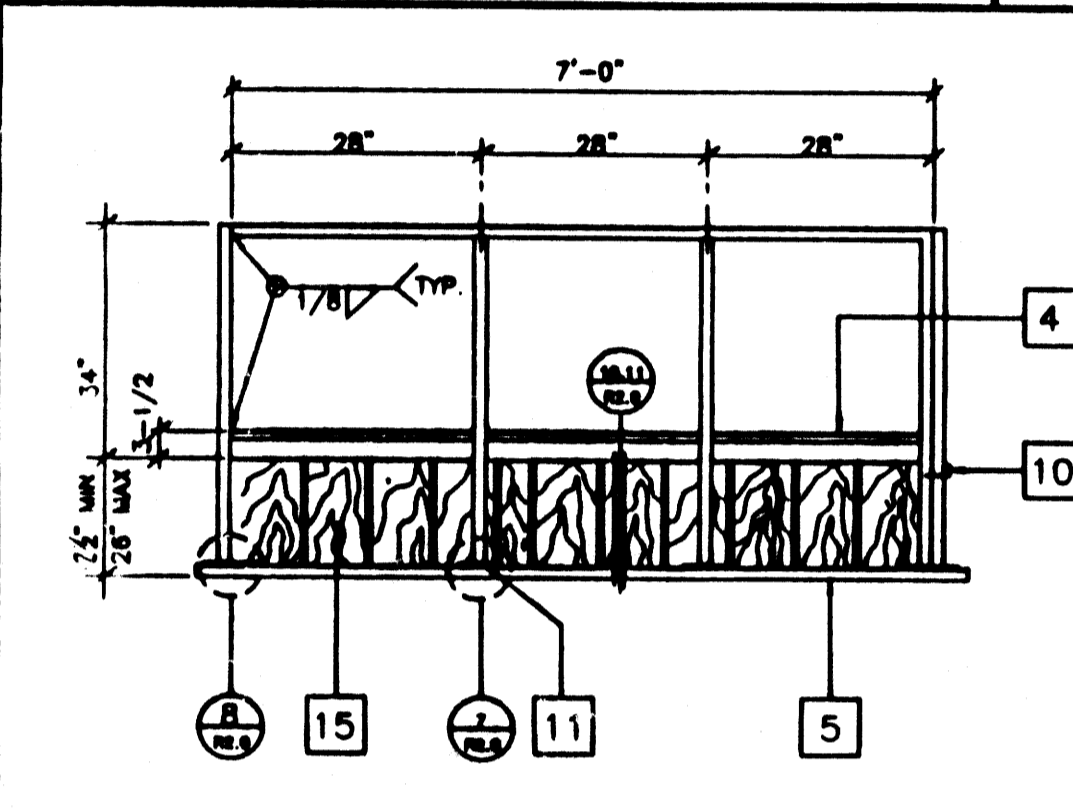
LANDING FRAME 12



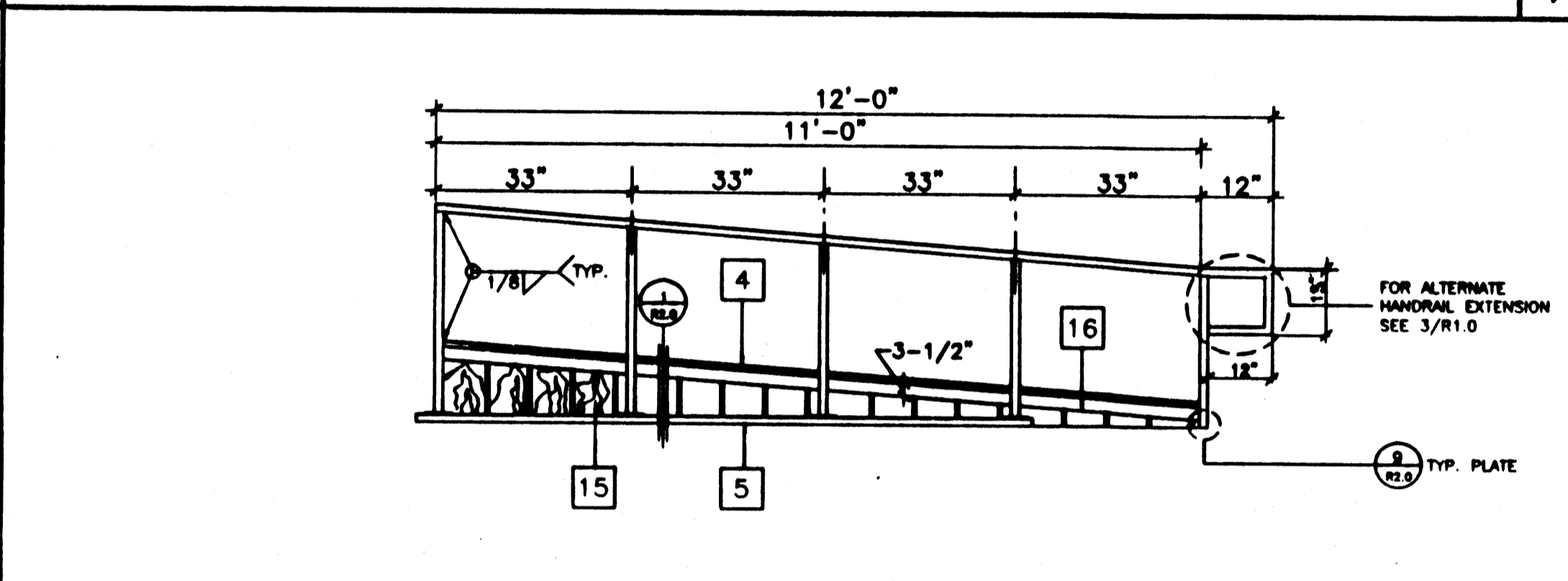
RAMP FRAME 7



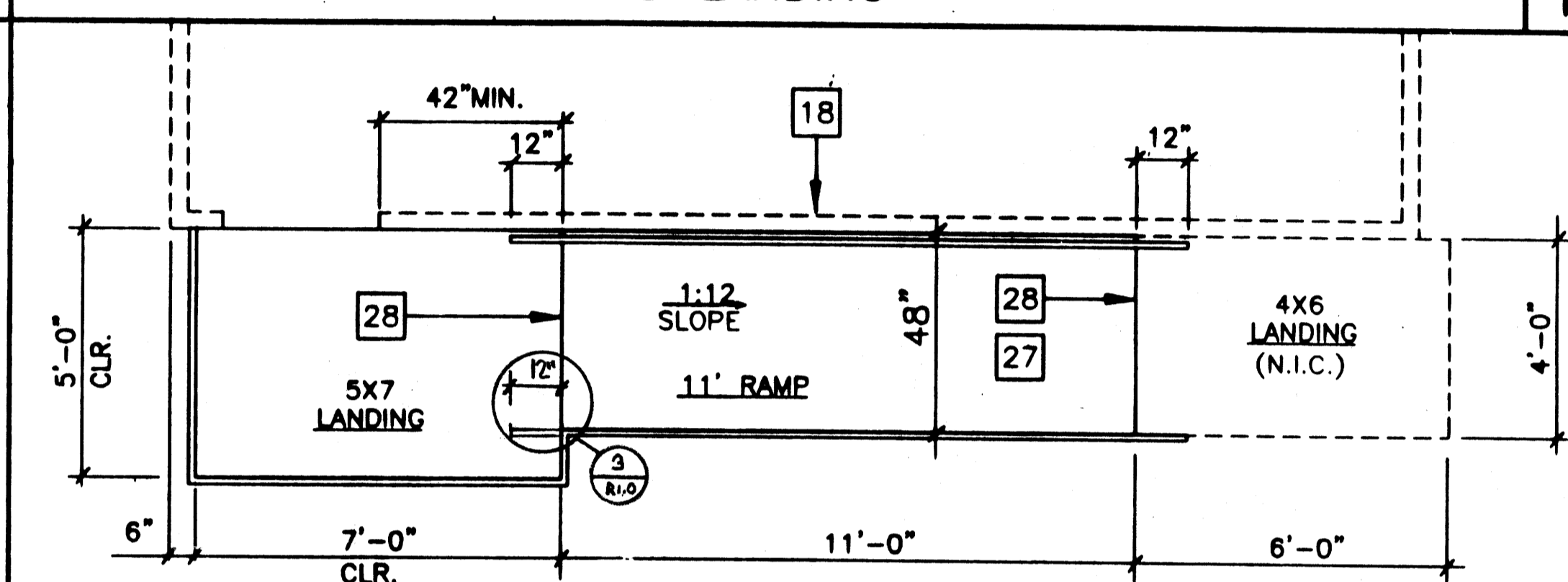
SILL PLAN FOR RAMP AND LANDING 1



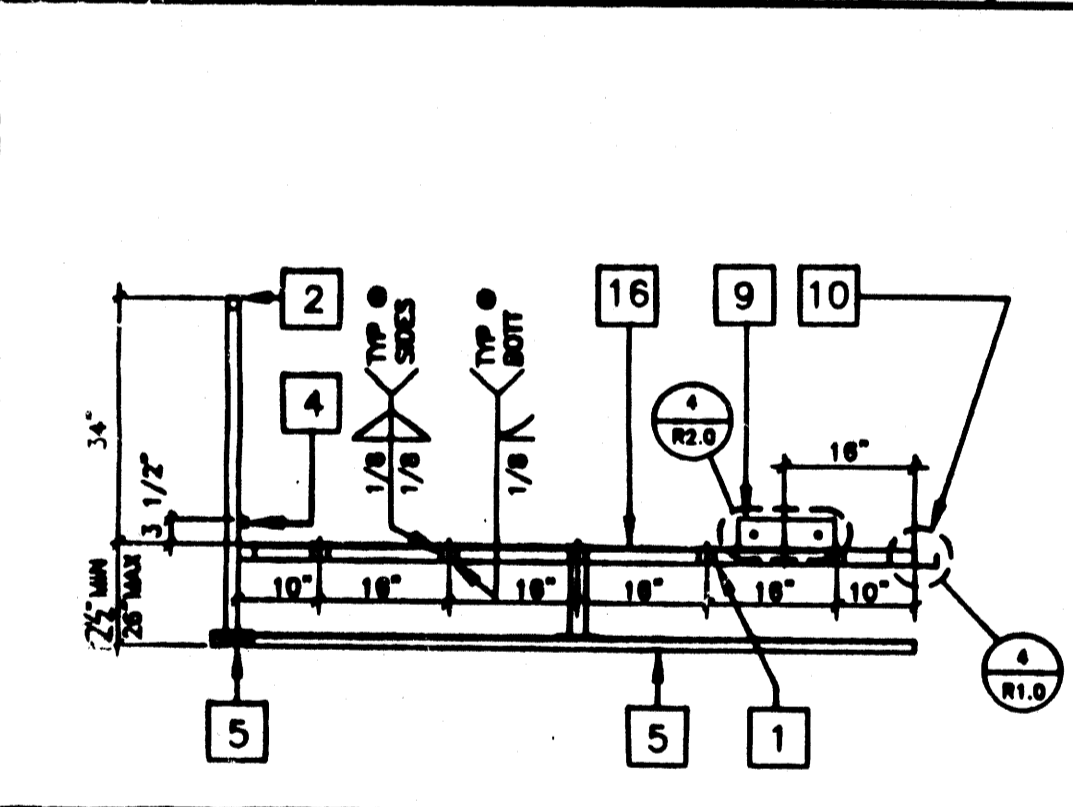
LANDING ELEVATION 13



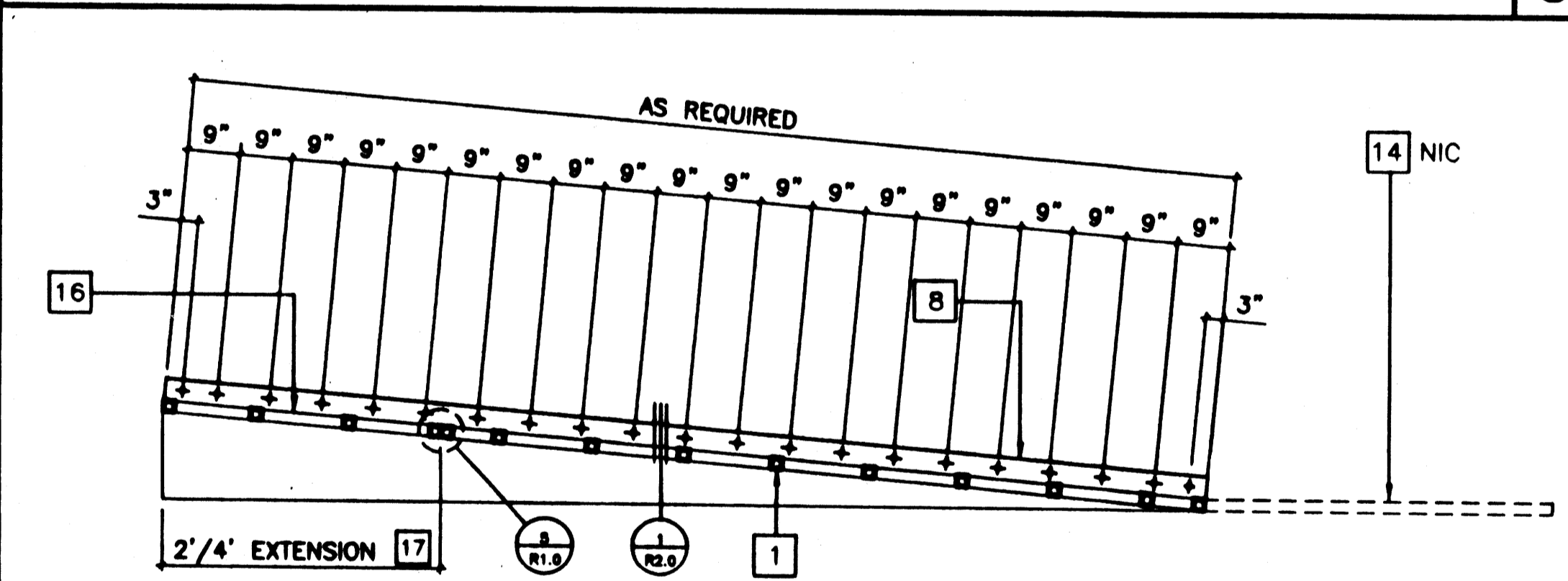
RAMP ELEVATION 8



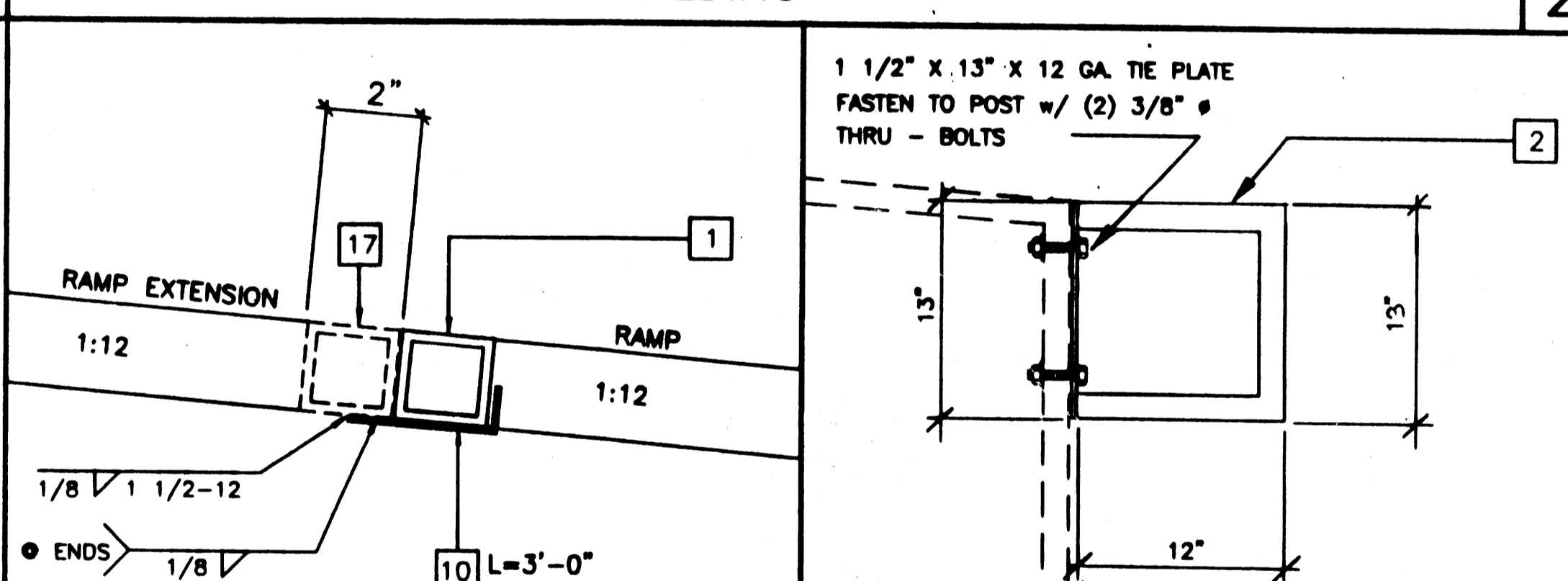
RAMP AND LANDING AT BUILDING 2



LONG. SECTION @ LANDING 14



LONGITUDINAL SECTION @ RAMP 9



RAMP EXTENSION TO RAMP 5

GUARD RAIL EXTENSION 3

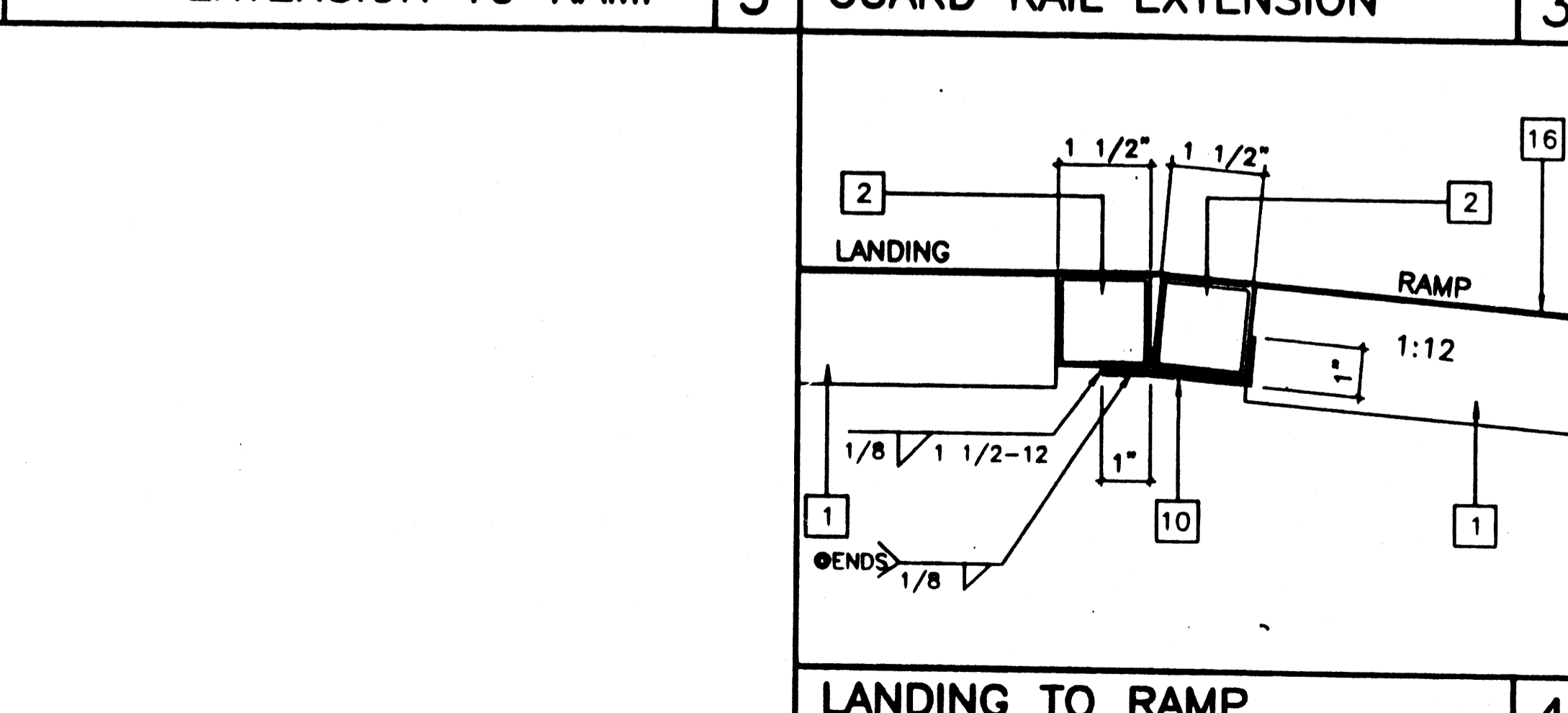
NOTES

- 1 RAMP: RAMP SHALL NOT SLOPE MORE THAN 1" IN 12"
- 2 HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT.
- 3 SURFACE: LANDING & RAMP TO HAVE NON SLIP SURFACE ANCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
- 4 GROUNDING: PROVIDE GROUNDING OF RAMP TO BLDG FRAME W/ #8 CU TO BOTH GROUND LUGS.
- 5 ARCHITECT SITE / RAMP / LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26" THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 28'-0" AT A SLOPE OF 1:12 ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12 THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON SHEET R-1.
- 6 ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

REVISIONS

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



LANDING TO RAMP 4

REVISIONS

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

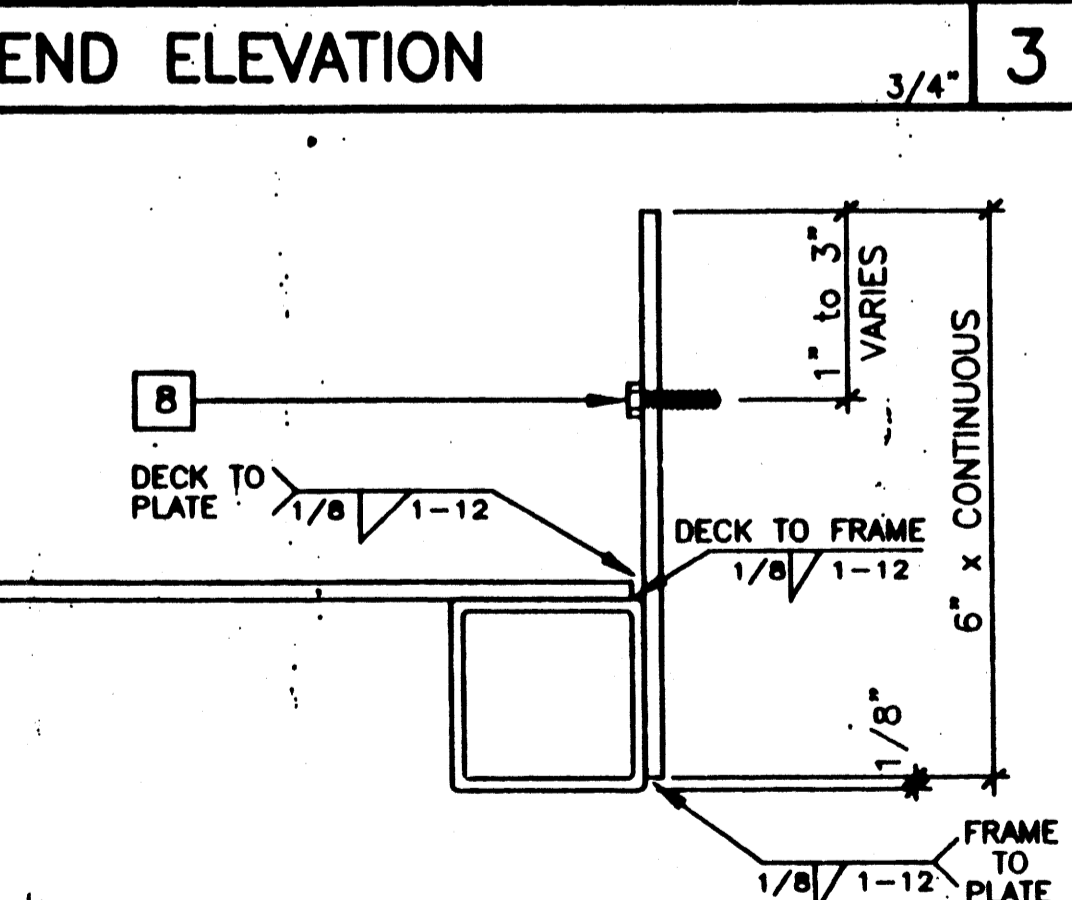
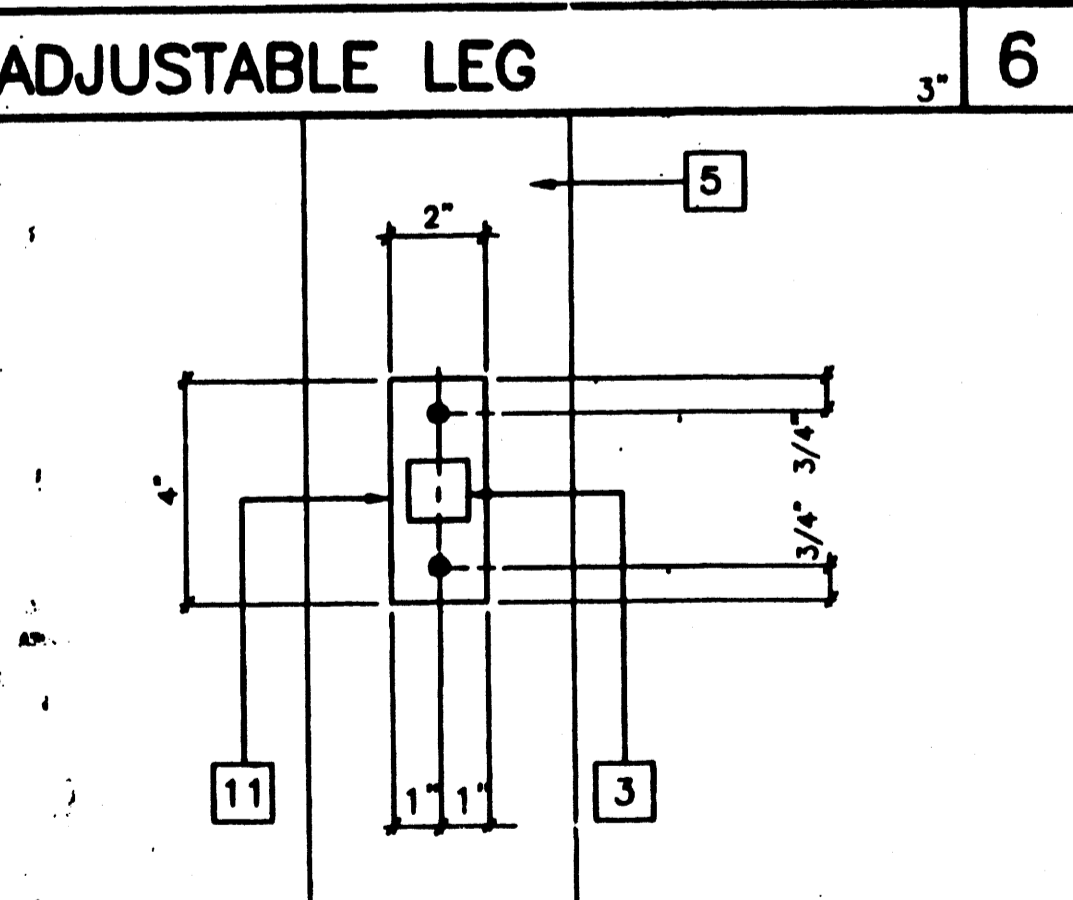
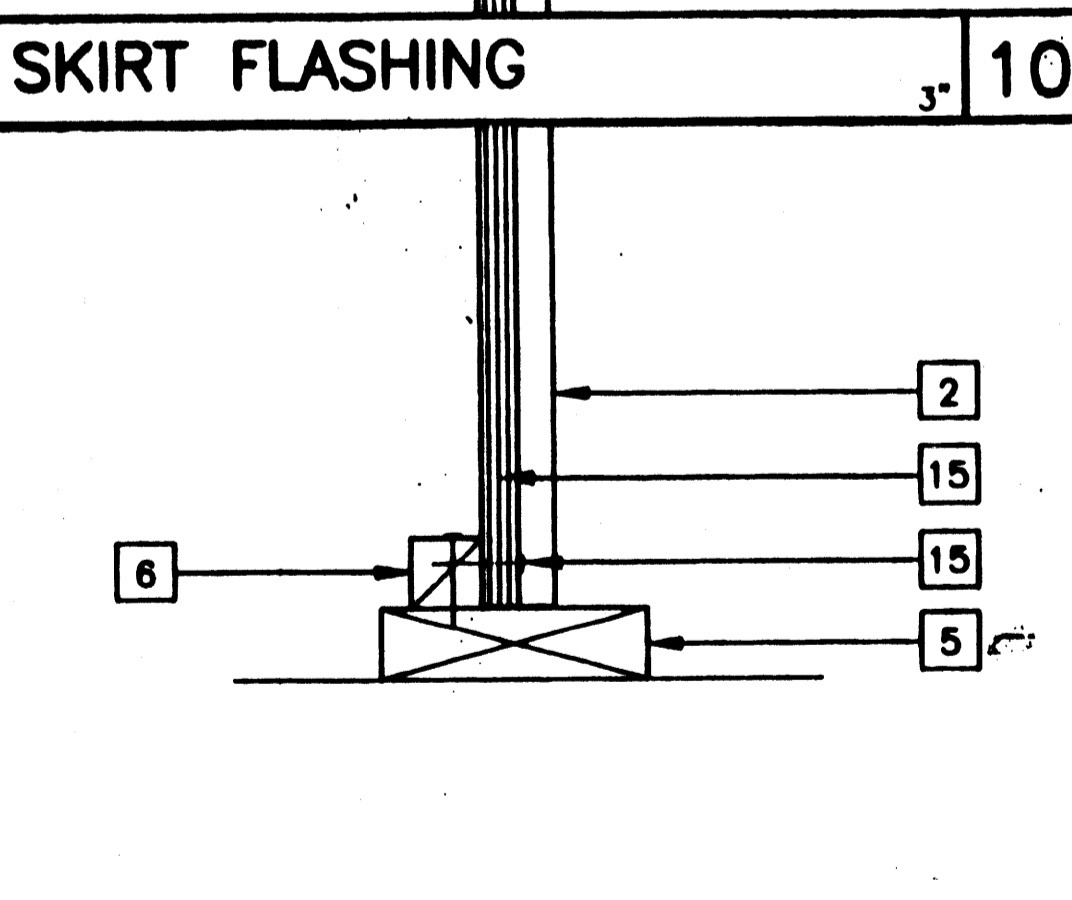
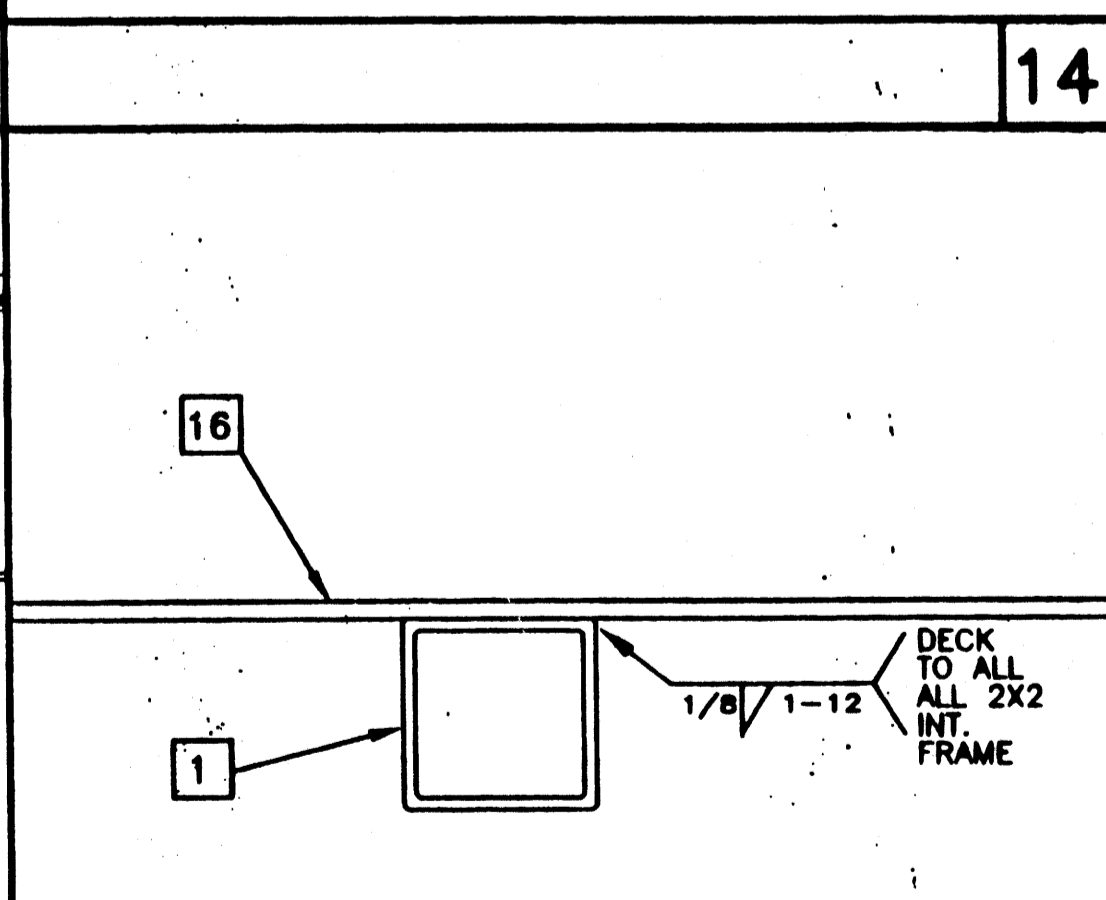
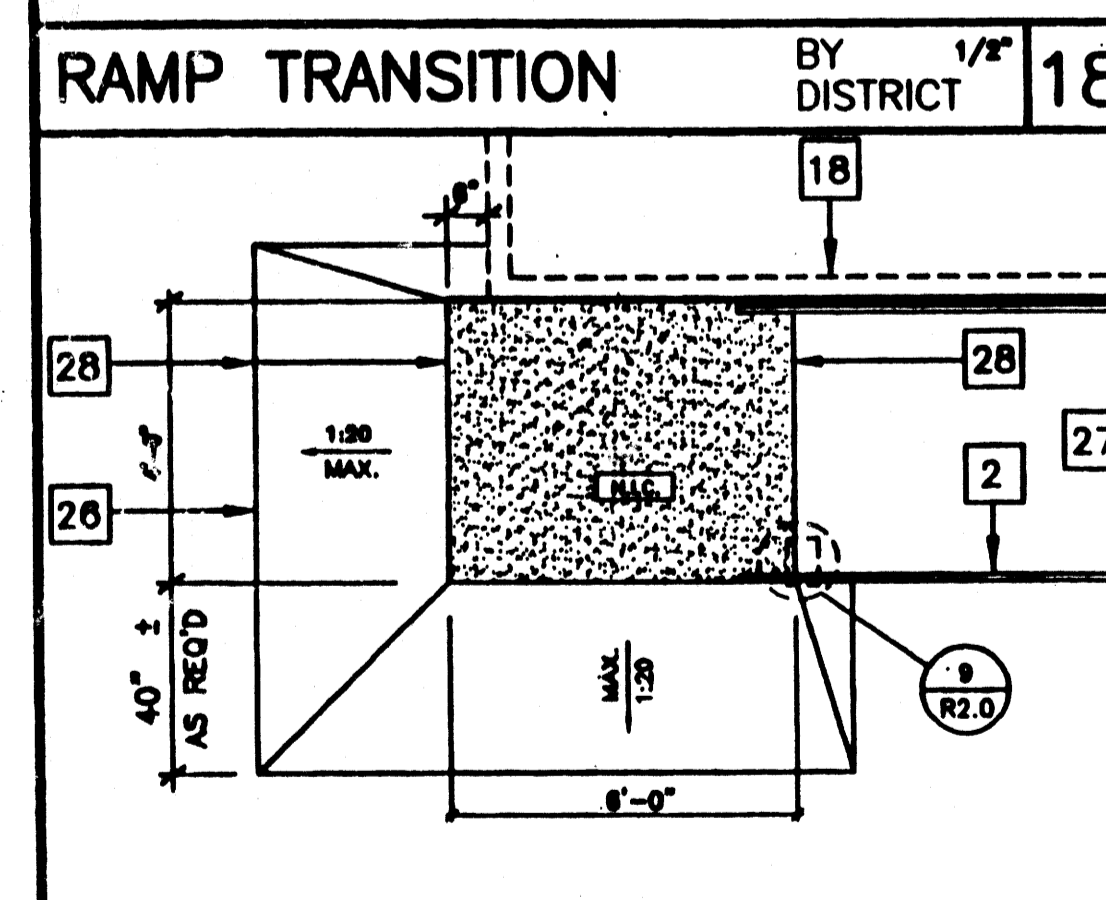
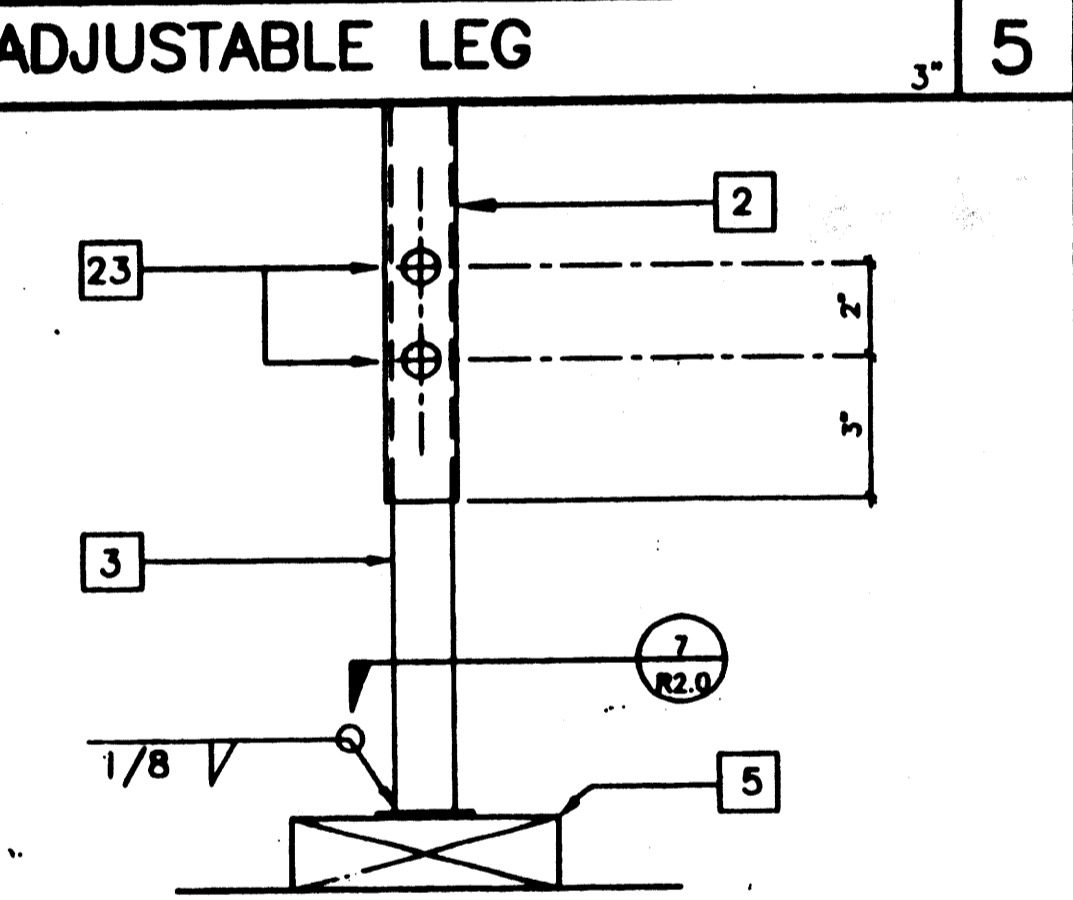
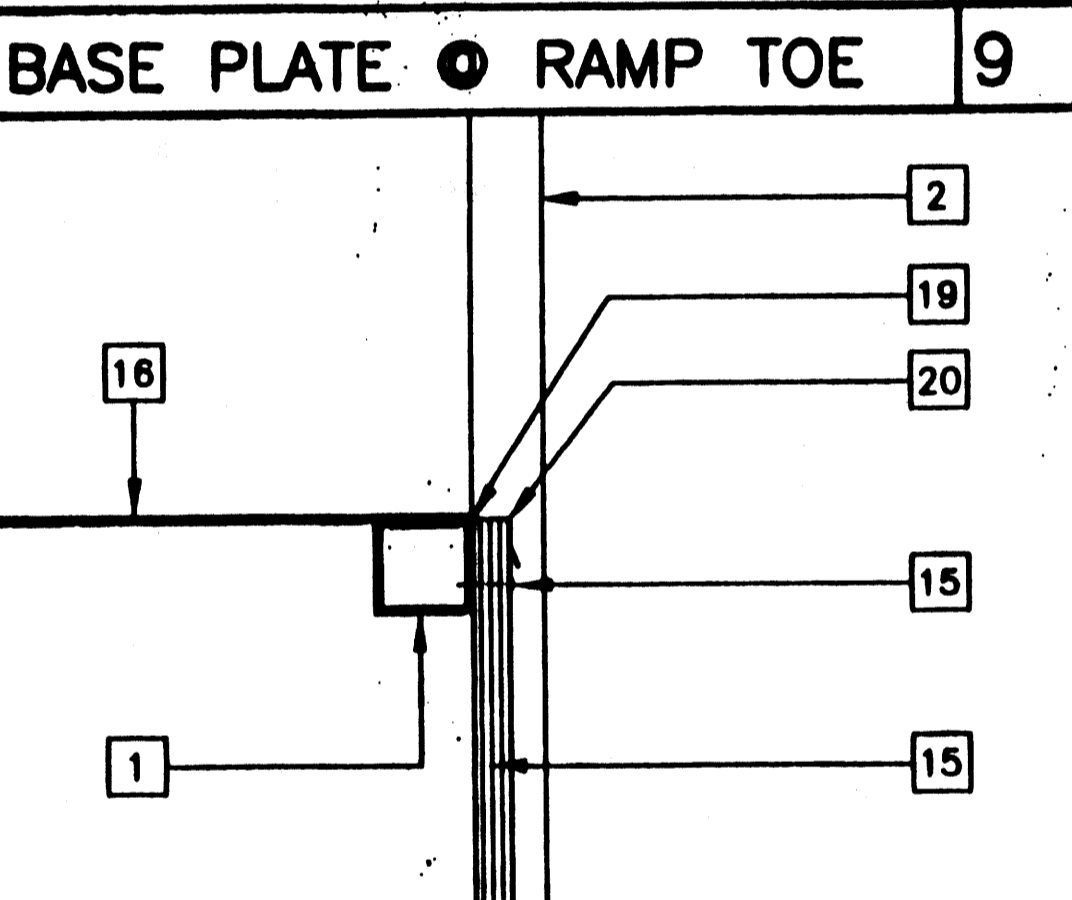
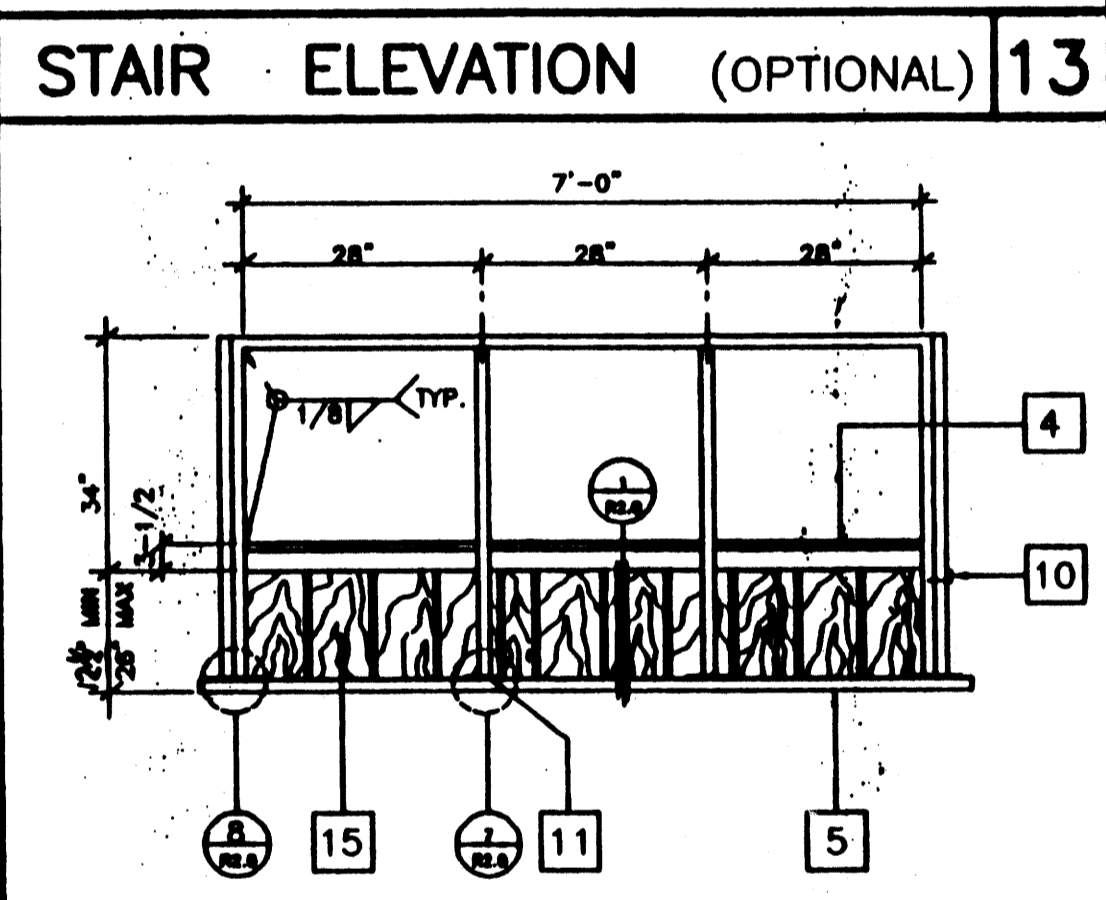
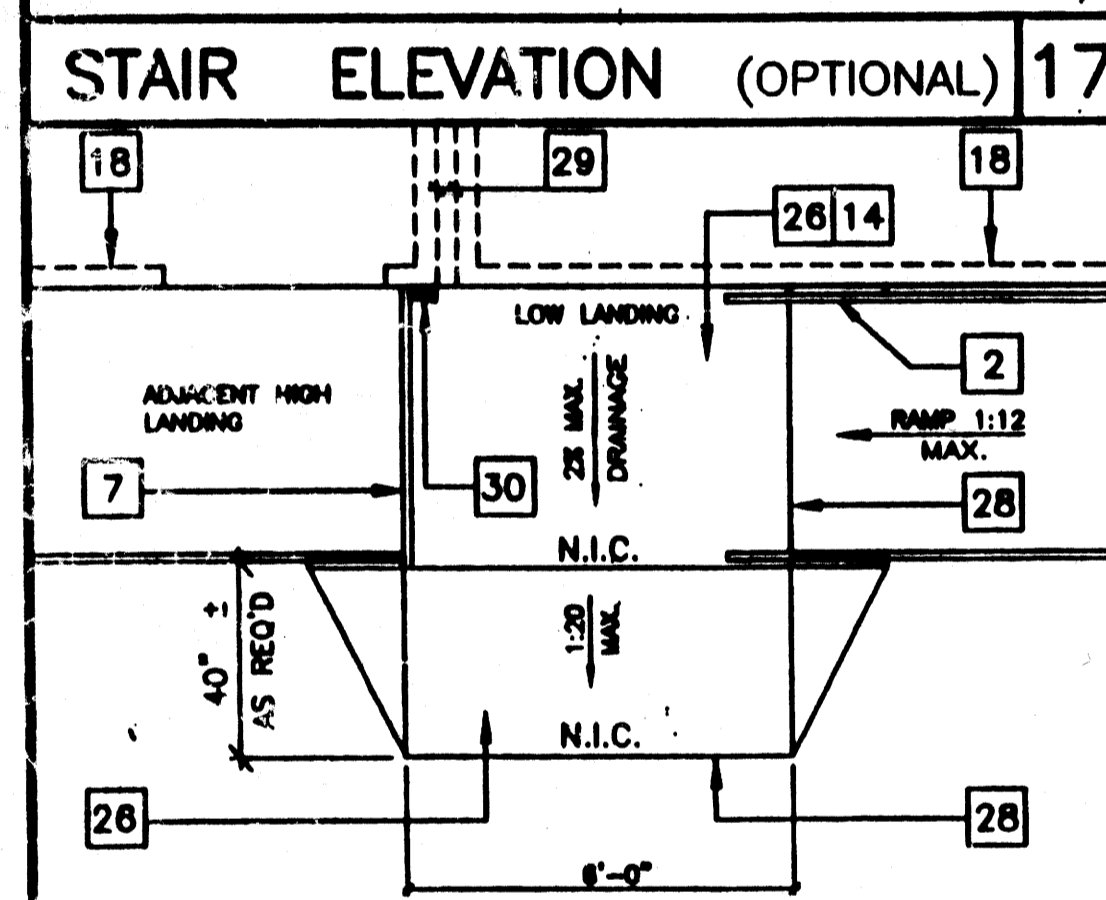
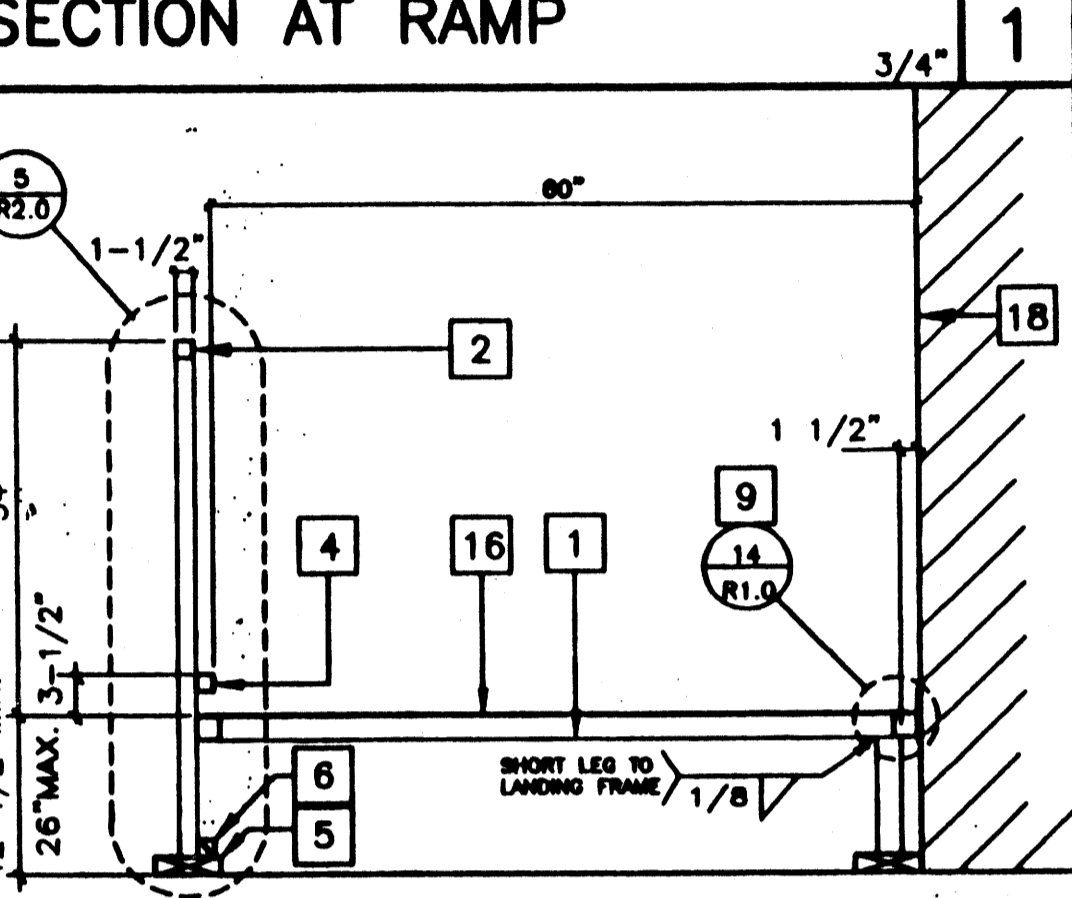
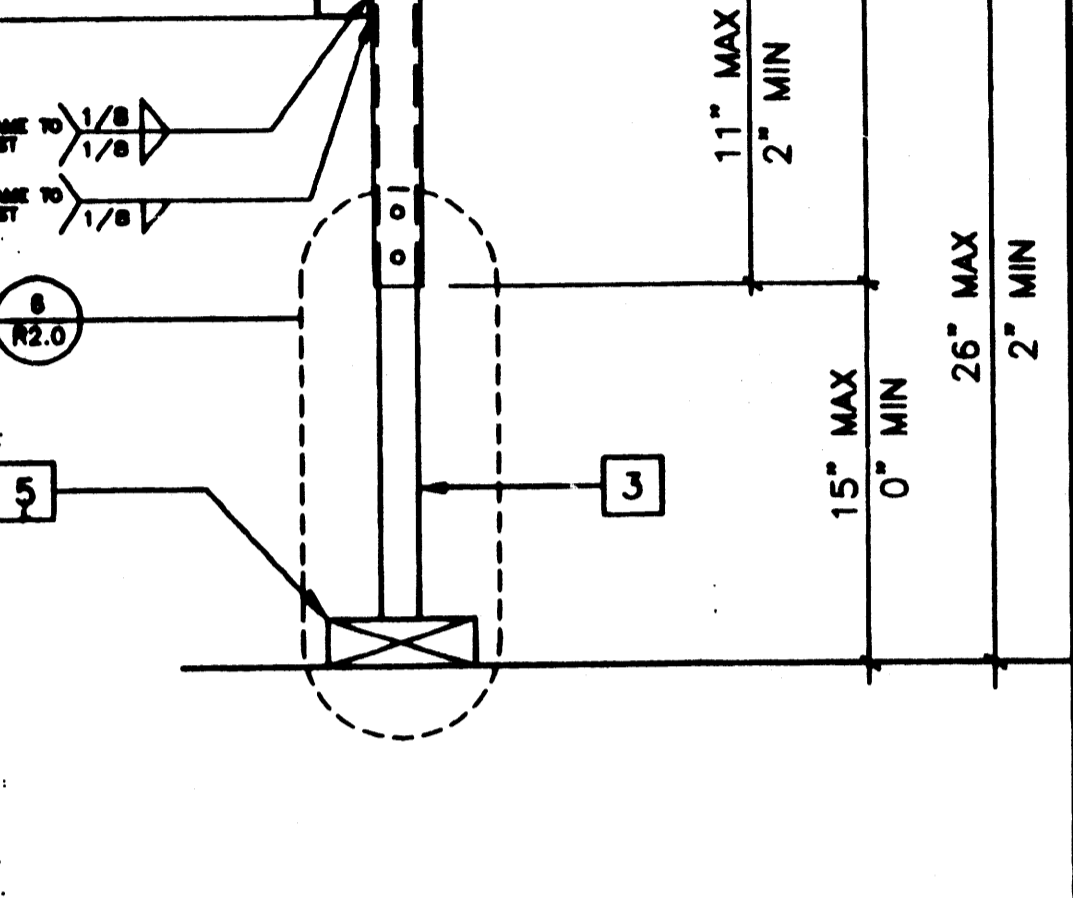
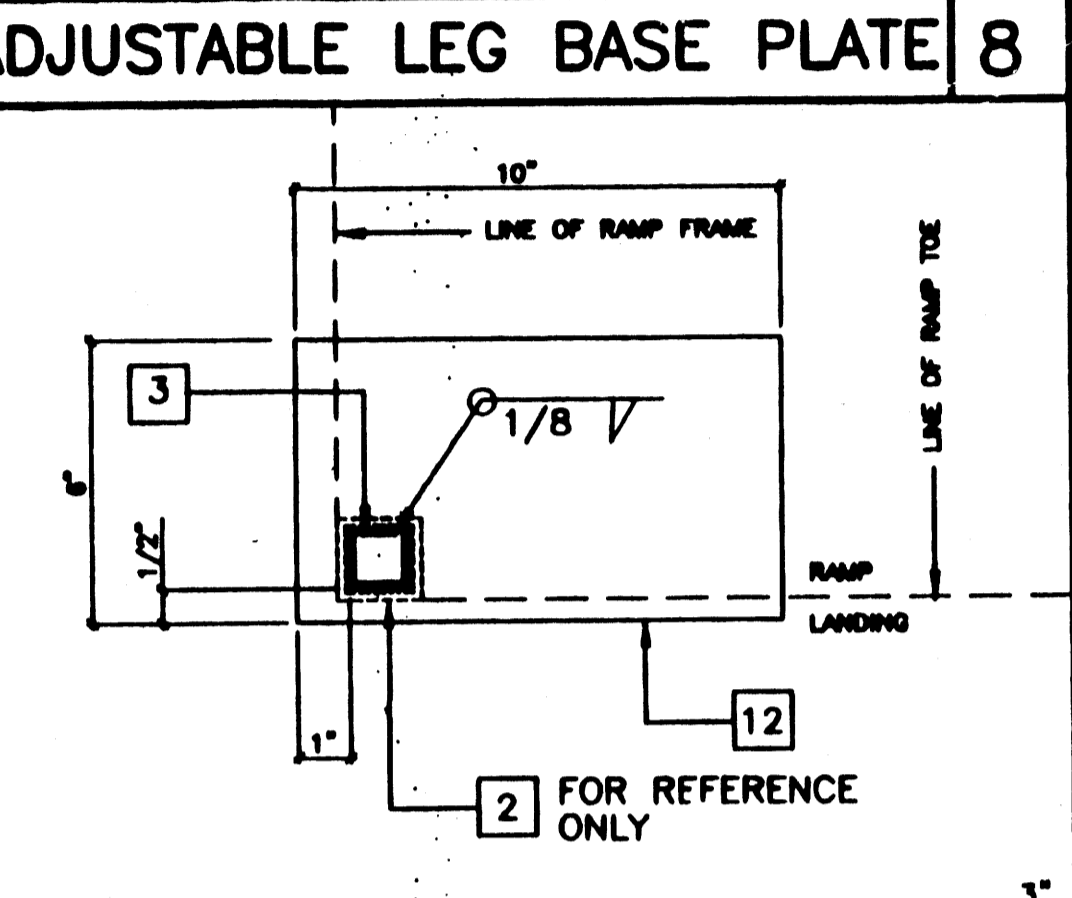
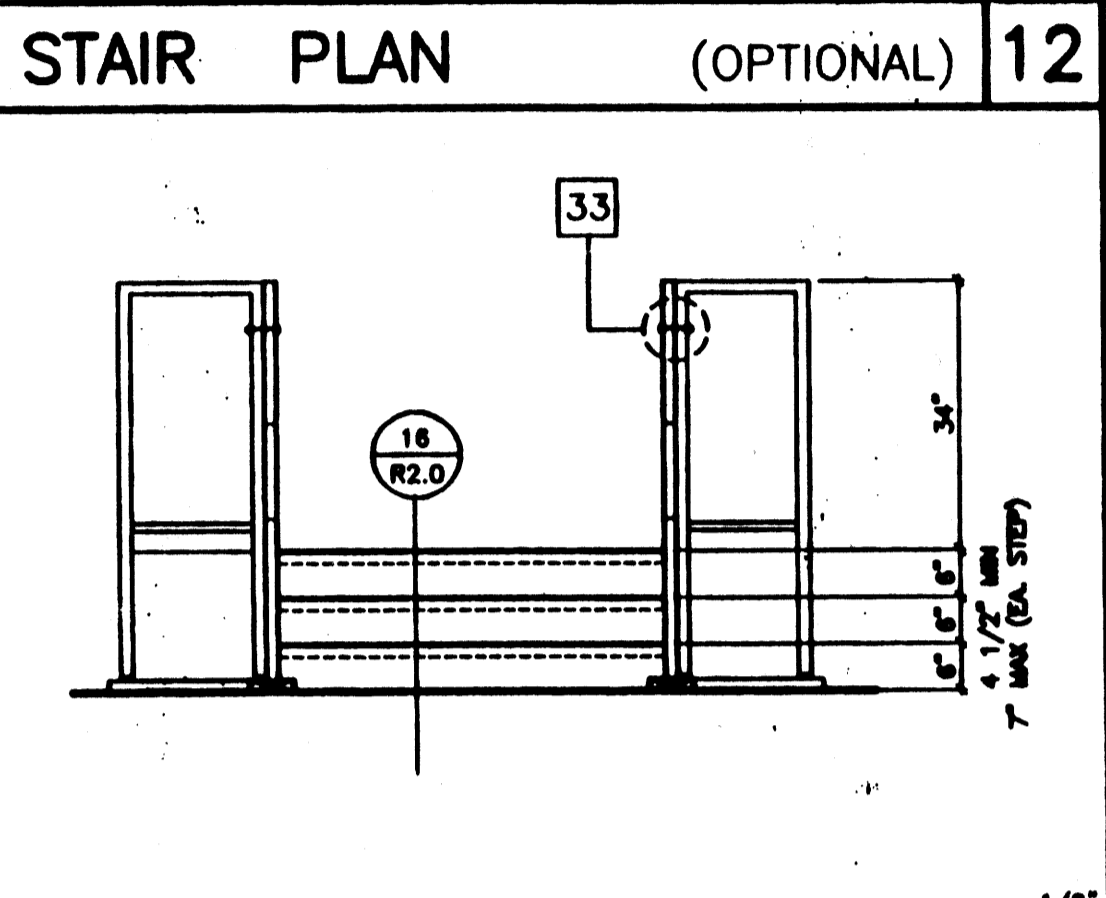
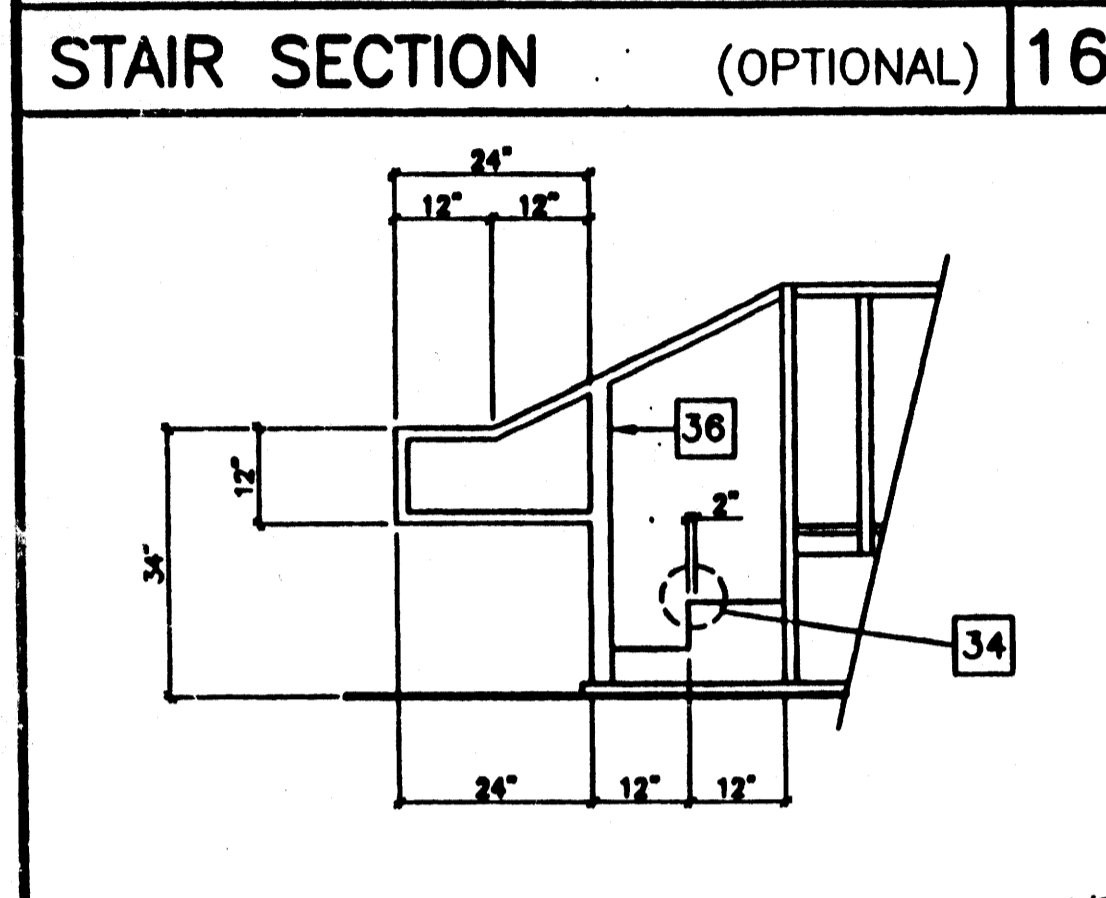
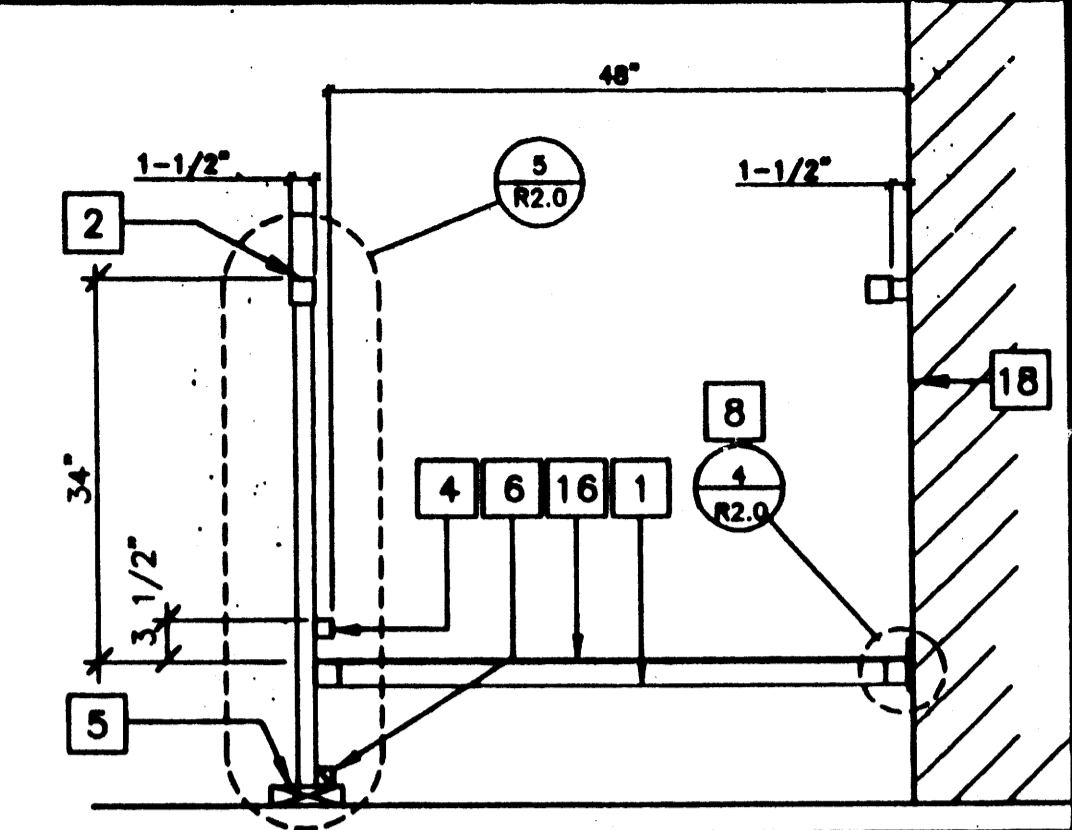
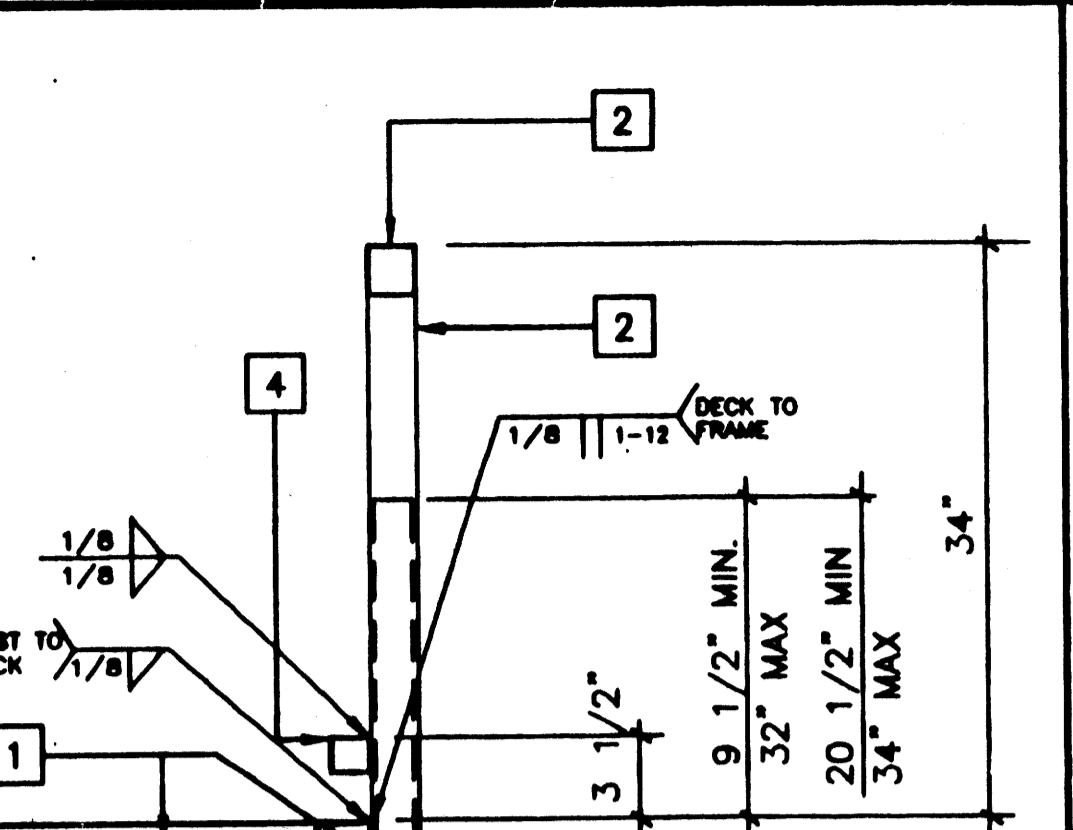
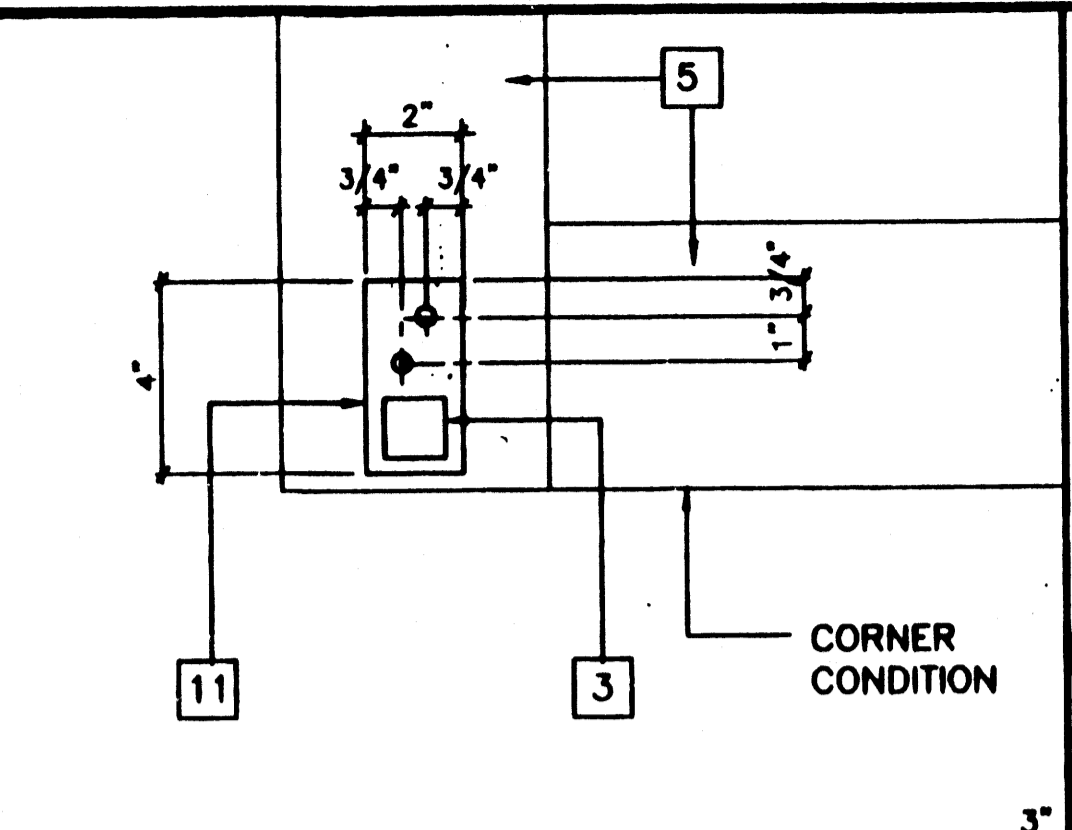
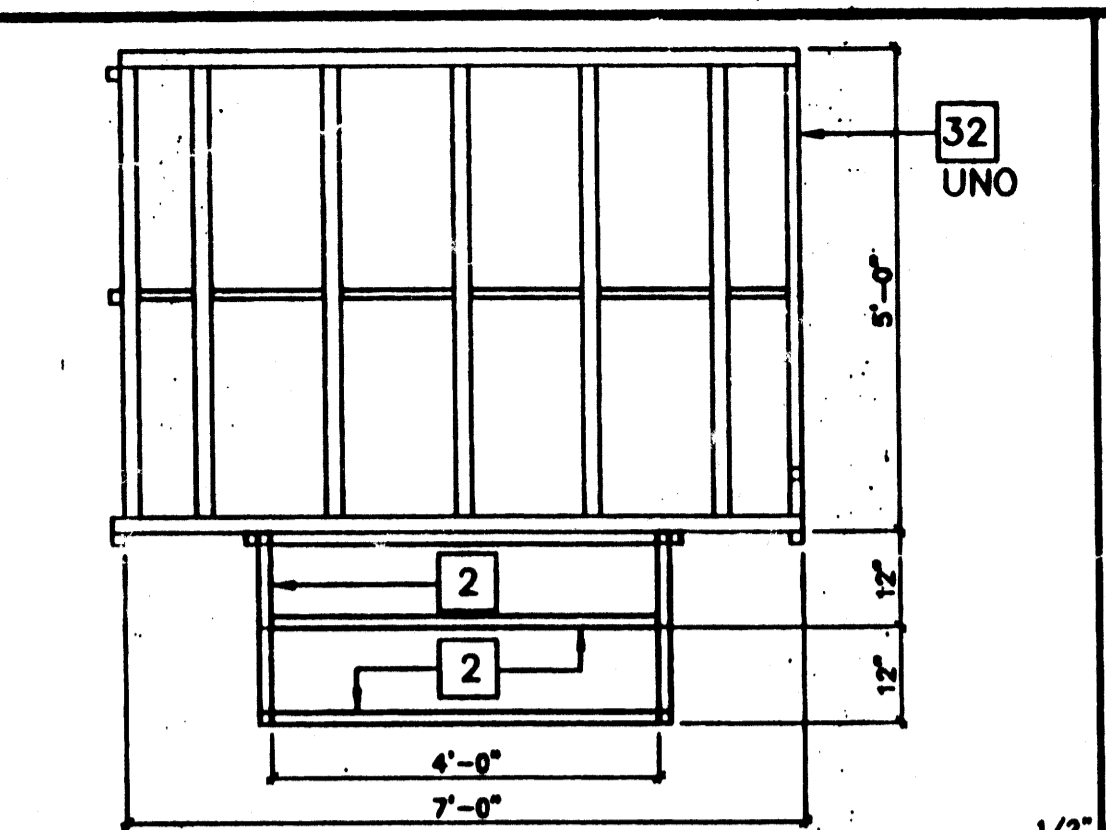
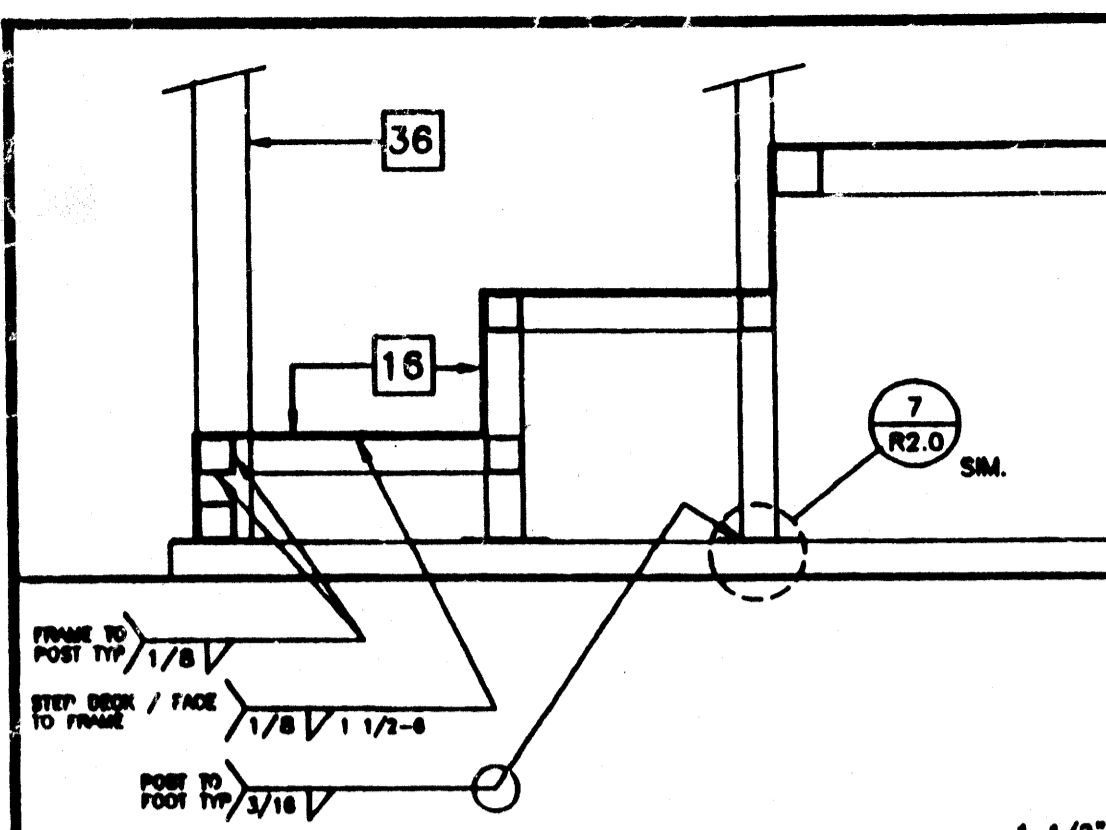
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 266
 AC: FLS
 DATE: JAN 21 1999
 REVISED

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

Job Number: PC 266
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 2900 4012-083
 drawn by: FV
 checked by: [Signature]
 date: 2765
 Modtech project no: 2852
 Modtech Index No: 2854
 2900
 2818

RAMP / LANDING

R1.0



- ### KEY NOTES
- TS 2" x 2" x 14ga
 - TS 1 1/2" x 1 1/2" x 14ga
 - TS 1 1/4" x 1 1/4" x 14ga (Fy = 39 KSI)
 - TS 1" x 1" x 16ga WHEELCHAIR GUIDE
 - 2 x 6 PT SILL PLATE
 - 2 x 2 NAILER W/16d @ 12" OC
 - 2 x RW HEADER BY DISTRICT.
 - 6" x 10ga CONTINUOUS PLATE W / #14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9" OC
 - 2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
 - 6" x 10" x 12ga BASE PLATE @ RAMP TOE.
 - LOWER LANDING BY DISTRICT
 - SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ #4 @ 8" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6" OC
 - 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR. EXISTING BUILDING.
 - CAULKING
 - 6" ga FLASHING
 - 3/8" dia x 2" LONG MB W/NUT & WASHERS
 - PAVE BY DISTRICT.
 - RAMP BY MODTECH
 - FLUSH TRANSITION
 - 3" MINIMUM BUILDING SERATION
 - PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
 - FOR LANDING DETAILS AND RAMP ATTACHEMENT SEE 12/R1.0
 - FASTEN POSTS W/ 3/8" # THRU BOLT. TYPICAL
 - 2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
 - TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

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APP. 03-119509 INC.
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AC [] FLS [] SS []
DATE: AUG 10 1998

NO.	REVISIONS
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3	

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

Architect's Seal
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 266
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DATE: JAN 21 1997
REVISED

MODTECH INC.
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ModTech project no.: 2765
2854
2890
2896
MODTECH Index No.
RAMP/STAIR DETAILS R2.0

STKP-37