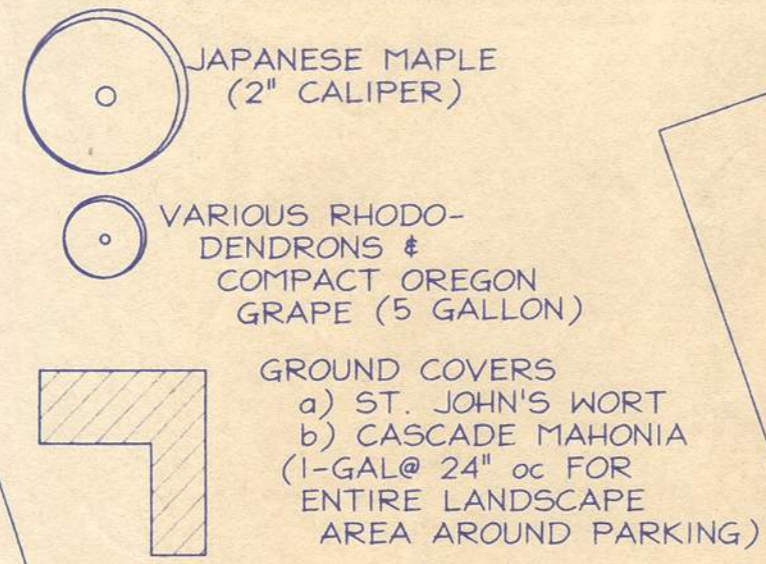


NOTE:
THIS DRAWING IS FOR PURPOSE OF ILLUSTRATION OF THE BASIC CIVIL ENGINEERING ON-SITE DRAINAGE SCHEME. NUMBER AND EXACT LOCATION OF CATCH BASINS AND DRAINAGE WAYS MAY BE ALTERED AFTER FINAL CIVIL ENGINEERING IS COMPLETE.

LANDSCAPING KEY



NOTE:
AFTER 1 YEAR TO ESTABLISH PLANTINGS, LANDSCAPING WILL NOT BE IRRIGATED.



AREAS

GROSS DEEDED SITE AREA (includes alley vacation & both parcels)	89,651 SF
RIGHT-OF-WAY USE PERMIT AREA	38,118 SF
TOTAL USABLE SITE	127,769 SF
BUILDING AREA	15,000 SF
PAVED AREA	85,250 SF
LANDSCAPED AREA	3,082 SF
PARKING AREA	14,228 SF
BUILDING/DEEDED SITE RATIO*	29%
LANDSCAPE / PARKING AREA RATIO	21.6%

*(based on east deeded parcel only)

PARKING SPACES REQUIRED
 WAREHOUSE 13,000 SF / 1,000 = 13 PARKING SPACES
 EMPLOYEES = 8 X 1 SPACE PER EMPLOYEE = 8 PARKING SPACES
 TOTAL PARKING SPACES REQUIRED = 21
 TOTAL PARKING SPACES PROVIDED = 21
 (INCLUDES 2 HDCP SPACES)



EXISTING DRAINAGE DITCH TO RECEIVE CULVERT GRADED TO DRAIN AND BE BURIED. PROVIDE MAINTENANCE ACCESS AS REQUIRED.
 FENCE TO BE EIGHT FOOT CHAINLINK TYPE WITH TWO STRANDS OF ANGLED BARBED WIRE

DATES: 7/14/99

PLAN REVIEW	
ISSUE/BID	
CONST. SET	
REVISION	
REVISION	
REVISION	

PROJECT # 9918

C1.1

PRELIMINARY NOT FOR CONSTRUCTION

BUILDER / CONTRACTOR RESPONSIBILITIES

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES...

APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS.

WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN.

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S "FOR CONSTRUCTION" DRAWINGS.

PRODUCTS SHIPPED TO BUILDER OR HIS CUSTOMER SHALL BE INSPECTED BY BUILDER IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE MAILED TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT.

REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE BUILDER LEARNS OF THE DEFECT.

CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO BUILDER OR HIS CUSTOMER.

THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY BUILDER.

IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE BUILDER MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL REIMBURSE THE BUILDER FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION.

ALL BRACING AS SHOWN AND PROVIDED BY THE MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSEWORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION.

(SECT. 7.9.1 AISC CODE OF STANDARD PRACTICE, 9TH ED.)

PRODUCT CERTIFICATIONS

THE BUILDING MANUFACTURER IS A MEMBER OF THE METAL BUILDING MANUFACTURERS ASSOCIATION. THE BUILDING MANUFACTURER'S FABRICATION AND PRODUCTS ARE COVERED BY ONE OR MORE OF THE FOLLOWING CERTIFICATIONS:

- 1. APPROVED FABRICATOR OF PREFABRICATED BUILDINGS AND COMPONENTS. REFERENCE ICBO REPORT NO. FA-337
2. SBCCI COMPLIANCE REPORT NO. 9461A
3. AISC METAL BUILDING CERTIFICATION PROGRAM
4. CITY OF HOUSTON APPROVED FABRICATOR (REGISTRATION NO. 164)
5. WISCONSIN PRODUCT APPROVAL NUMBER 950075-M
6. CLARK COUNTY, NEVADA APPROVED FABRICATOR
7. CITY OF LOS ANGELES, CALIFORNIA APPROVED TYPE 1 FABRICATOR (LA#1604)
8. CANADIAN WELDING BUREAU CERTIFICATION TO CSA STANDARD W47.1 IN DIVISION 1 (SYMBOL PY72(HOUSTON, TX))
9. TEXAS DEPT. OF INSURANCE PRODUCT EVALUATION RC-34

APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:
A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:

- 1) BE MADE IN CONTRASTING INK.
3) HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
2) BE LEGIBLE AND UNAMBIGUOUS.

B). DATED SIGNATURE IS REQUIRED ON ALL PAGES.

C) MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.

D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.

E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

GENERAL NOTES

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER.

THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED. THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES.

- 1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
2. AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
3. AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1.
4. METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAL"
5. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS: "UNIFORM BUILDING CODE"
6. SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL: "STANDARD BUILDING CODE"
7. BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL: "BOCA NATIONAL BUILDING CODE"
8. NATIONAL BUILDING CODE OF CANADA.

MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A-572. FLANGES WITH THICKNESSES OF ONE INCH OR LESS AND WIDTH OF 12" OR LESS CONFORM TO A-529 WITH A MINIMUM YIELD POINT OF 55,000 psi. FLANGES GREATER THAN 1" IN THICKNESS OR 12" IN WIDTH CONFORM TO A-572 WITH A MINIMUM YIELD POINT OF 50,000 psi. WEB MATERIAL CONFORMS TO ASTM-A36 MODIFIED WITH A MINIMUM YIELD POINT OF 46,000 psi.

MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 35,000 psi.

MATERIAL PROPERTIES OF HOT ROLLED STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 OR A572 WITH A MINIMUM YIELD POINT OF 50,000 psi.

MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A570 OR A607 GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 psi.

MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 psi AND 80,000 psi RESPECTIVELY, AS REQUIRED BY DESIGN. COATING OF BASE MATERIAL IS 55% ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH A255 SPECIFICATIONS.

CABLE UTILIZED FOR BRACING CONFORMS TO ASTM A475. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION WITH ALL SLACK REMOVED.

ROD AND ANGLE UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM A36.

STRUCTURAL JOINTS WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS, WHERE INDICATED ON THE DRAWINGS, SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "TURN-OF-NUT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS (11-13-85), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED.

ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS AND CABLE SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER, MEETING THE PERFORMANCE REQUIREMENTS OF TTP-636.

SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.

THIS METAL BUILDING SYSTEM IS DESIGNED AS ENCLOSED. ALL EXTERIOR COMPONENTS (I.E. DOORS, WINDOWS, VENTS...ETC.) MUST BE DESIGNED TO WITHSTAND THE SPECIFIED WIND LOADING FOR THE DESIGN OF COMPONENTS AND CLADDING IN ACCORDANCE WITH THE SPECIFIED BUILDING CADE. DOORS ARE TO BE CLOSED WHEN A MAXIMUM OF 50% OF DESIGN WIND VELOCITY IS REACHED.

SAFETY COMMITMENT

THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.

IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE.

LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.

MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.

DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

City of Coos Bay Plan Review APPROVED As submitted Per correction letter 12-17-99

Notes: -Special Inspections are required for concrete and bolts placed in concrete as per section 1701 of the Oregon Structural Specialty Code. - Prior to framing inspection submit required Energy Code compliance forms OR Insulate walls and ceiling of warehouse with R-19 minimum.

The issuance or granting of a permit or approval of plans, specifications and computations shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of the jurisdiction shall not be valid.

BUILDING DESCRIPTION table with columns for BASIC SIZE (WIDTH, LENGTH, HEIGHT, ROOF PITCH), ENDWALL FRAME TYPE (LEFT, RIGHT), and various construction details like SHEETING, BLANKET TYPE INSULATION, TAPE SEAL, TRIM, MEMBER ROOF, STITCH ROOF, MEMBER WALL, STITCH WALL, RAKE TO ROOF, STITCH, GUTTER, GUTTER TO ROOF, STITCH, GUTTER STRAPS, STITCH, U.L. 90, WARRANTIES, 20 YR ROOF, 20 YR WALL.

BUILDING LOADS

THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY UBC-97

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS, VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING.

LOADS, AS NOTED, ARE AS GIVEN WITHIN ORDER DOCUMENTS AND ARE APPLIED IN GENERAL ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE MODEL CODE AND/OR SPECIFICATION INDICATED.

NEITHER THE MANUFACTURER NOR THE CERTIFYING ENGINEER DECLARES OR ATTESTS THAT THE LOADS, AS DESIGNATED, ARE PROPER FOR LOCAL PROVISIONS THAT MAY APPLY, OR FOR SITE SPECIFIC PARAMETERS.

THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT. ROOF DEAD LOAD 2.0 PSF (FOR ROOF PANELS AND PURLINS)

COLLATERAL DEAD LOAD 3.0 PSF

ROOF LIVE LOAD PRIMARY FRAMING 25.0 PSF SECONDARY FRAMING 25.0 PSF

AUXILIARY LIVE LOAD --- PSF

GROUND SNOW LOAD --- PSF (Ce = ---)

ROOF SNOW LOAD 25 PSF

WIND LOAD 100 MPH, EXPOSURE D

SEISMIC ZONE 4, A0 = ---, Av = ---

Seismic Hazard Exposure Group --- Seismic Performance Category --- Site Coefficient ---

Basic Structural System - Dual system with ordinary moment frames of steel & concentrically braced frames

Response Modification Factor (R) --- Deflection Amplification Factor (Cd) --- Analysis Procedure - Equivalent Lateral Force

IMPORTANCE FACTORS WIND LOAD 1.0 SNOW LOAD 1.0 SEISMIC LOAD 1.0

MEZZANINE LOADS LIVE LOAD --- PSF DEAD LOAD --- PSF

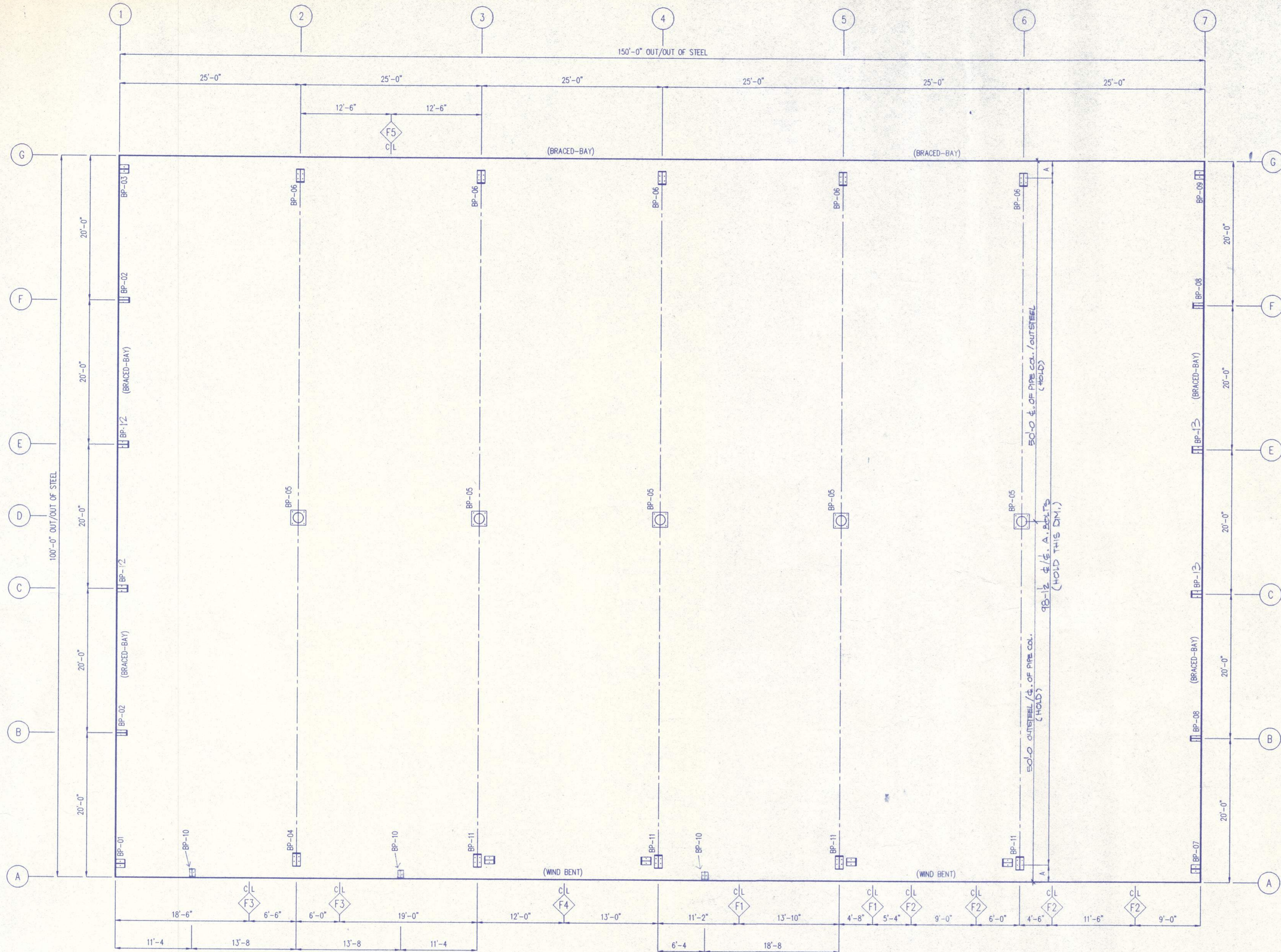
CRANE INFORMATION ---

(8 1/2 X 11) "S" SHEETS table listing sheet numbers S1 through S86 and their corresponding dimensions.

"THESE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF ALL AMERICAN SYSTEMS 7301 FAIRVIEW HOUSTON, TEXAS 77240-0220 (713) 466-5681. THE ENGINEER WHOSE SEAL APPEARS HEREON IS EMPLOYED BY ALL AMERICAN SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THE PROJECT."

DRAWING STATUS table with columns for NO., DATE, DESCRIPTION, BY, CK'D, REVISIONS, and a detailed drawing information section including DESCRIPTION, SIZE, CUSTOMER, LOCATION, DRN. BY, CK'D BY, DATE, SCALE, JOB NO., PH, BLDG. DESC., SHEET NO., and ISSUE.

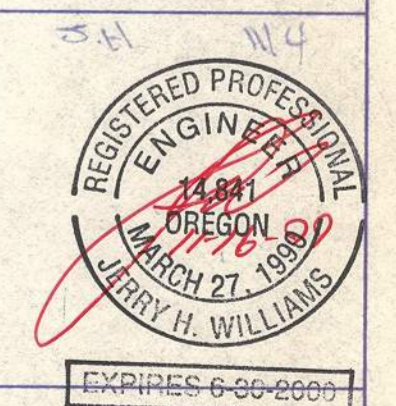




Anchor Bolt Setting Plan (N.T.S)

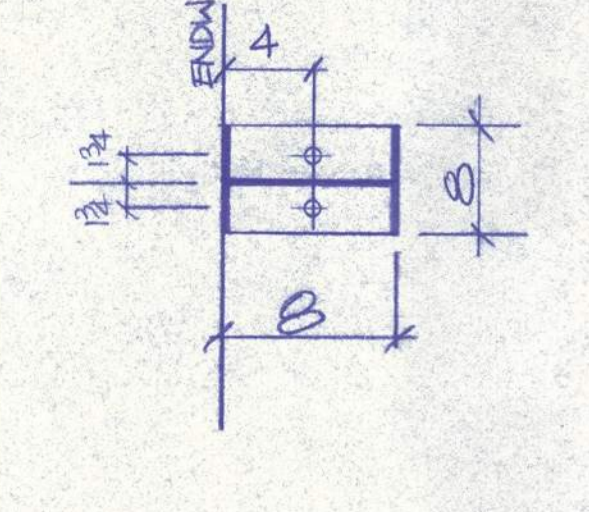
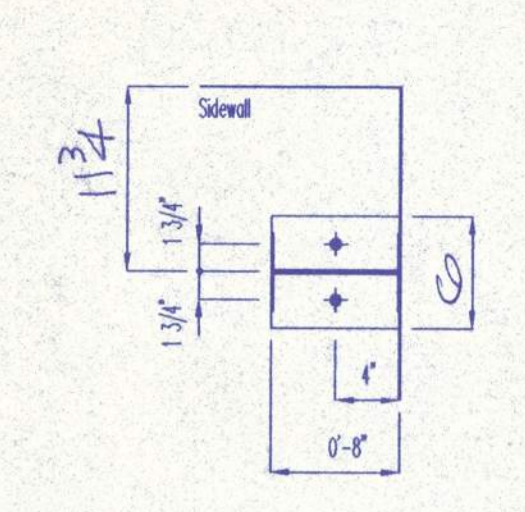
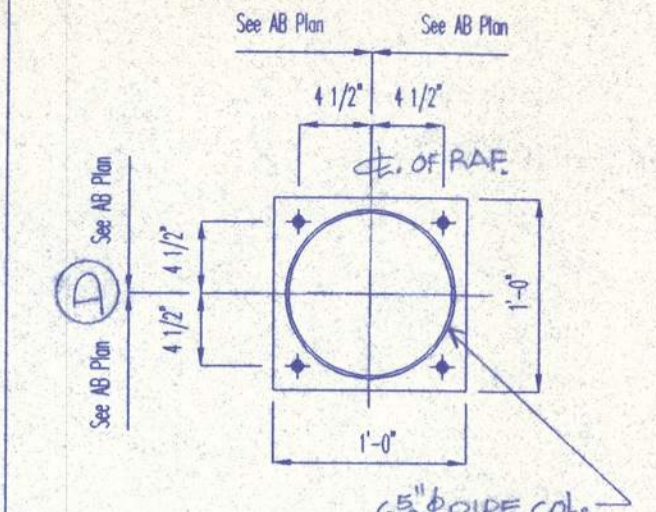
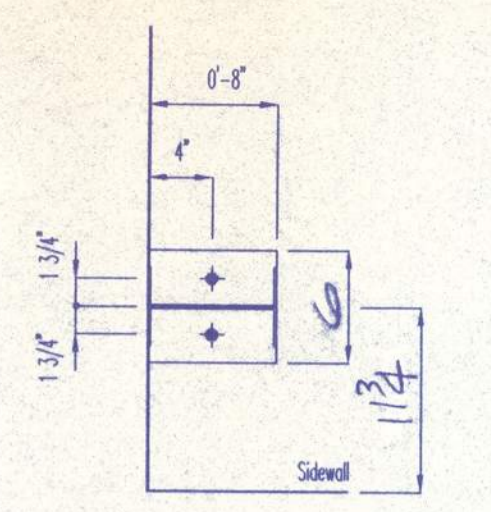
A = 0'-11 1/4"

"THESE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF ALL AMERICAN SYSTEMS 7301 FAIRVIEW HOUSTON, TEXAS 77240-0220 (713) 466-5681. THE ENGINEER WHOSE SEAL APPEARS HEREON IS EMPLOYED BY ALL AMERICAN SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THE PROJECT."

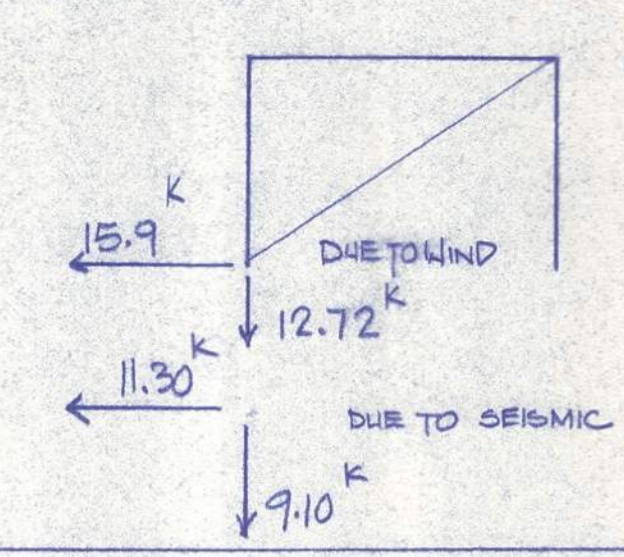


REVISIONS		BY		CK'D	
NO.	DATE	DESCRIPTION			
0	11-9-99	FOR CONSTRUCTION	SN	RB	

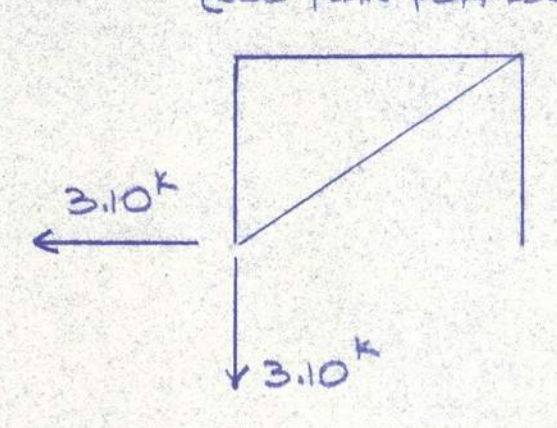
		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
Customer:		FAMILIAN NORTHWEST	
End User:		FAMILIAN NORTHWEST	
Location:		COOS BAY, OR	
Det. By	Chk By	Date	Scale
TIS		10-19-1999	N.T.S.
Building ID	Job Number	Sheet Number	Issue
A	0801-183342	F1 of 2	0



SIDEWALL REACTIONS @ COL. LN. G
(SEE PLAN FOR LOCATIONS)



MAX. ENDWALL BRACING REACTIONS @ COL. LNS. 1 & 7
(SEE PLAN FOR LOCATIONS)



Main Frame Reactions at Lines 2-6					WIND REACTIONS at Line "A"				
Condition	Grid	Ver	Hor	Mom	Condition	Grid	Ver	Hor	Mom
DEAD + LIVE LOAD	A	23.054	6.233	0.000	DEAD + LIVE LOAD	3,5	1.049	0.039	0.000
DEAD + LIVE LOAD	D	42.823	0.000	0.000	DEAD + LIVE LOAD	4,6	1.050	-0.039	0.000
DEAD + LIVE LOAD	G	17.861	-6.233	0.000	DL + WLL	3,5	-9.788	-6.727	0.000
DL + WLL	A	-19.845	-19.974	0.000	DL + WLL	4,6	11.839	-6.783	0.000
DL + WLL	D	-31.705	0.000	0.000	DL + WLR	3,5	11.843	6.805	0.000
DL + WLL	G	-10.162	-6.340	0.000	DL + WLR	4,6	-9.784	6.705	0.000
DL + 1/2LL + WLL	A	-9.387	-15.179	0.000					
DL + 1/2LL + WLL	D	-12.524	0.000	0.000					
DL + 1/2LL + WLL	G	-2.301	-9.135	0.000					
DL + 1/2WLL + LL	A	12.062	-3.075	0.000					
DL + 1/2WLL + LL	D	24.740	0.000	0.000					
DL + 1/2WLL + LL	G	11.710	-9.081	0.000					
DL + 1/2LL + WLR	A	0.215	8.932	0.000					
DL + 1/2LL + WLR	D	-12.556	0.000	0.000					
DL + 1/2LL + WLR	G	-6.871	15.382	0.000					
DL+UNBALANCE SNOW	A	15.963	4.988	0.000					
DL+UNBALANCE SNOW	D	34.565	0.000	0.000					
DL+UNBALANCE SNOW	G	18.155	-4.986	0.000					
DL+SEISMIC LEFT	A	0.304	-5.773	0.000					
DL+SEISMIC LEFT	D	3.436	0.000	0.000					
DL+SEISMIC LEFT	G	4.998	-6.940	0.000					
DL+SEISMIC RIGHT	A	3.974	7.059	0.000					
DL+SEISMIC RIGHT	D	5.485	0.000	0.000					
DL+SEISMIC RIGHT	G	-0.721	5.654	0.000					

MAX. EW. COL. REACTIONS

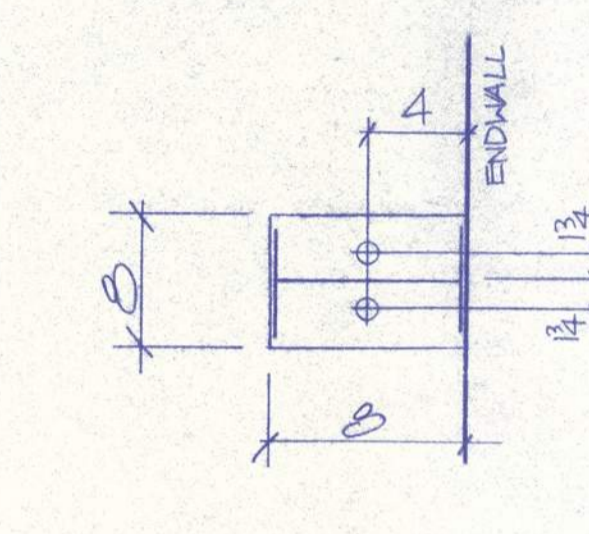
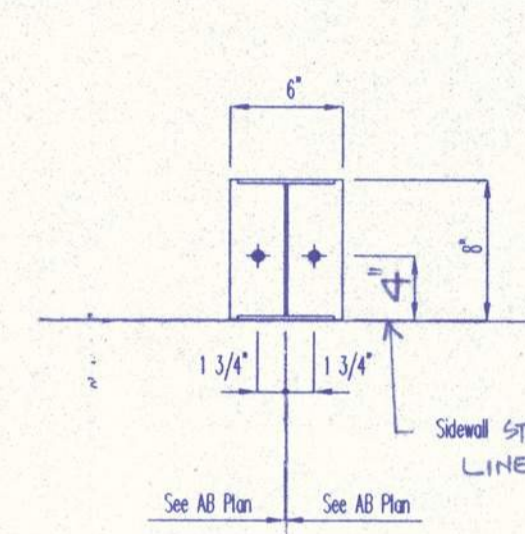
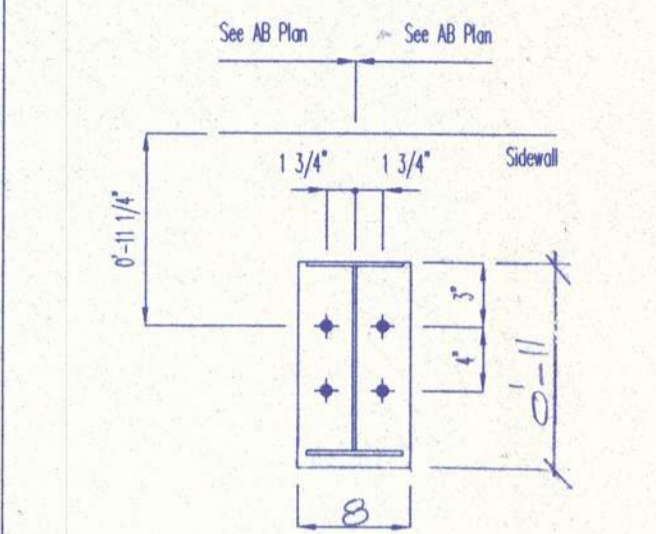
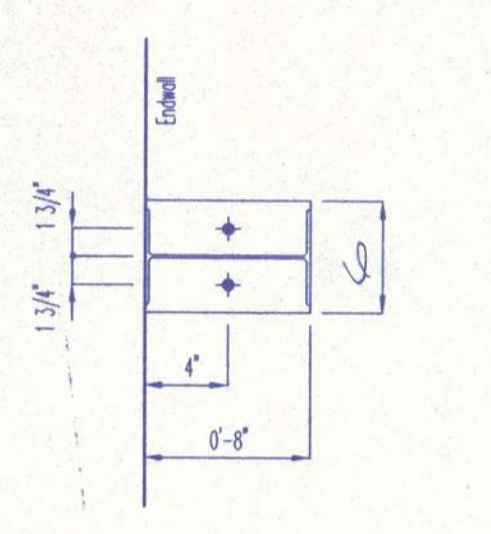
DL + LL + COLL. = 8.0
 DL + WL ↑ = 12.50
 DL + WL → = 7.50

AB Dia 3/4" Column Base Detail BP-01

AB Dia 3/4" Column Base Detail BP-05

AB Dia 3/4" Column Base Detail BP-09

AB Dia 3/4" COL. BASE R. DETAIL BP-12

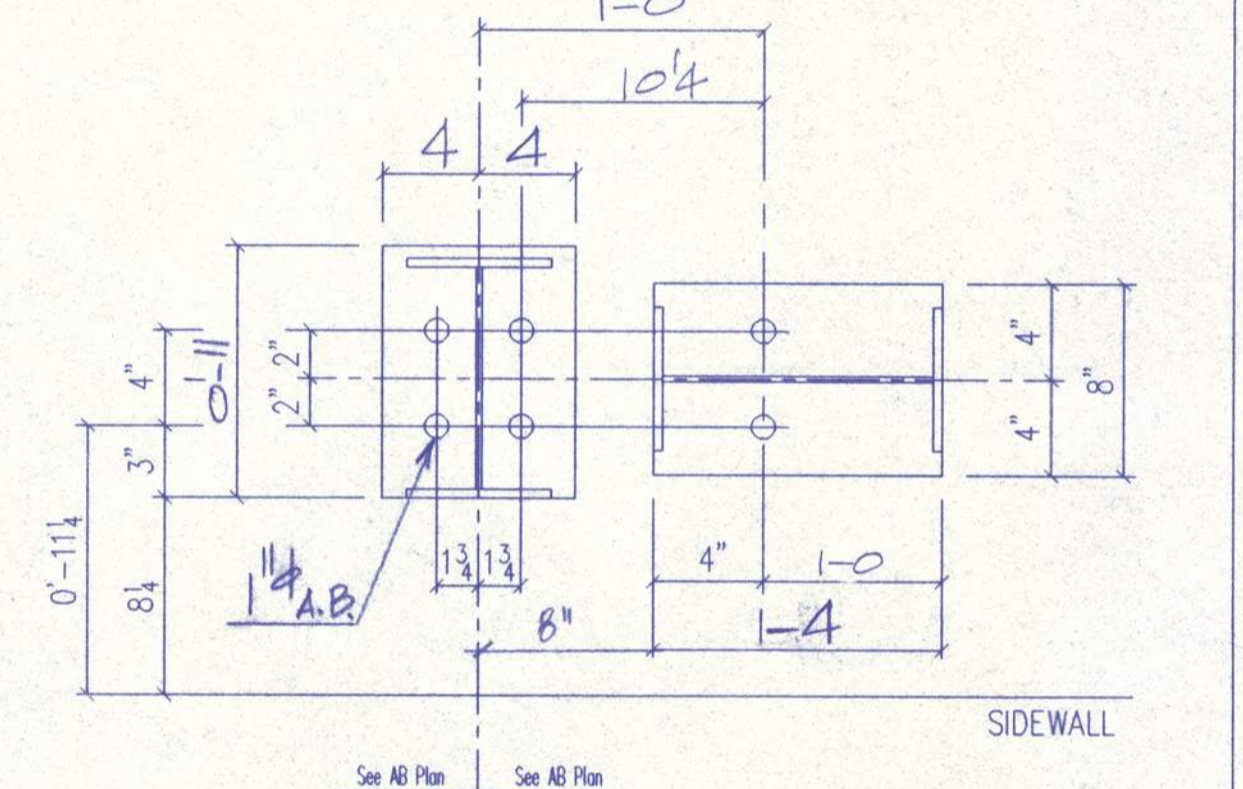
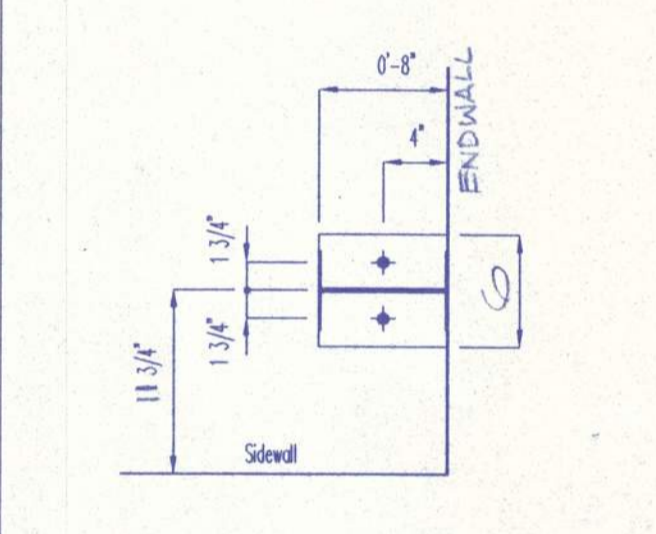
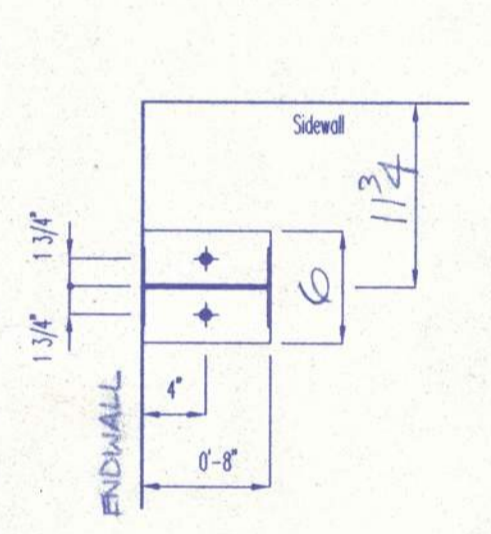


AB Dia 3/4" Column Base Detail BP-02

AB Dia 1" Column Base Detail BP-06

AB Dia 3/4" Column Base Detail BP-10

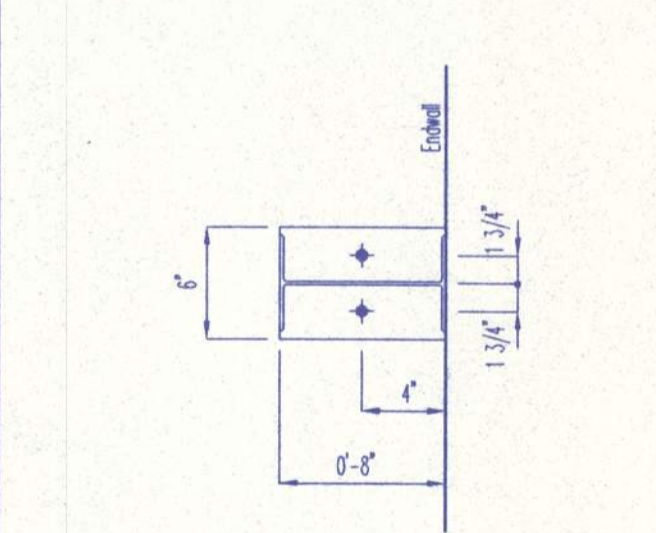
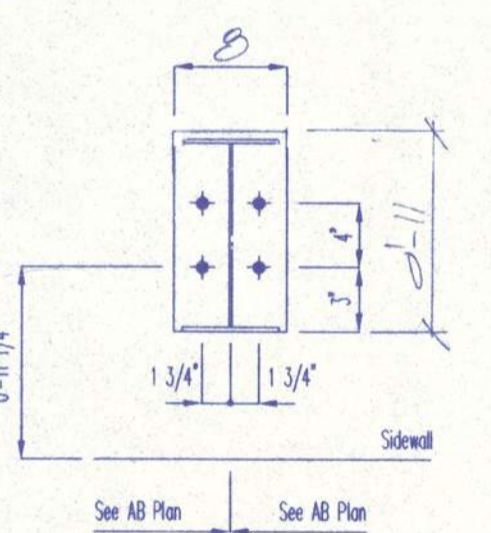
AB Dia 3/4" COL. BASE R. DETAIL BP-13



AB Dia 3/4" Column Base Detail BP-03

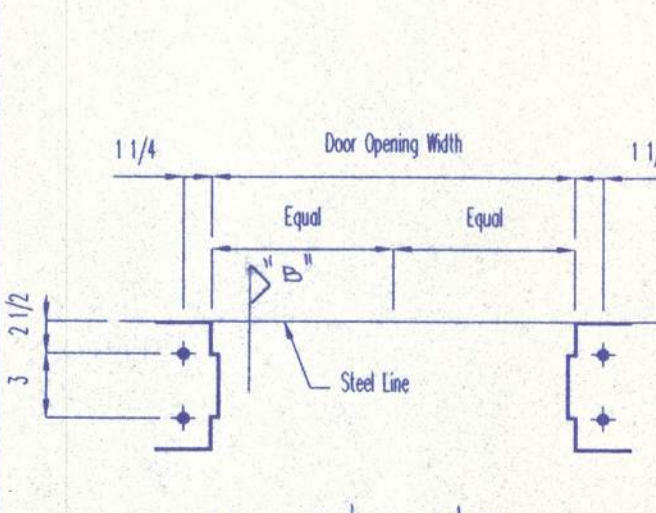
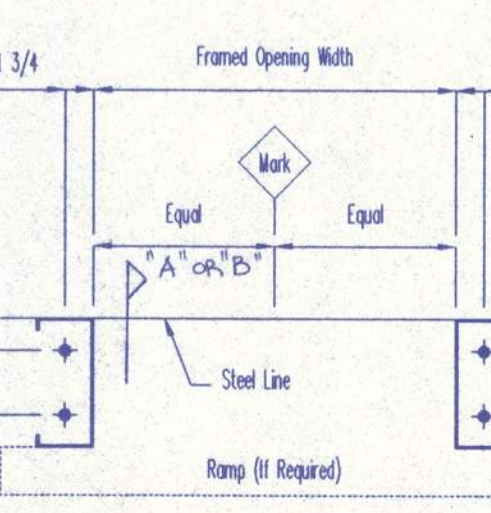
AB Dia 3/4" Column Base Detail BP-07

AB Dia 3/4" Column Base Detail BP-11



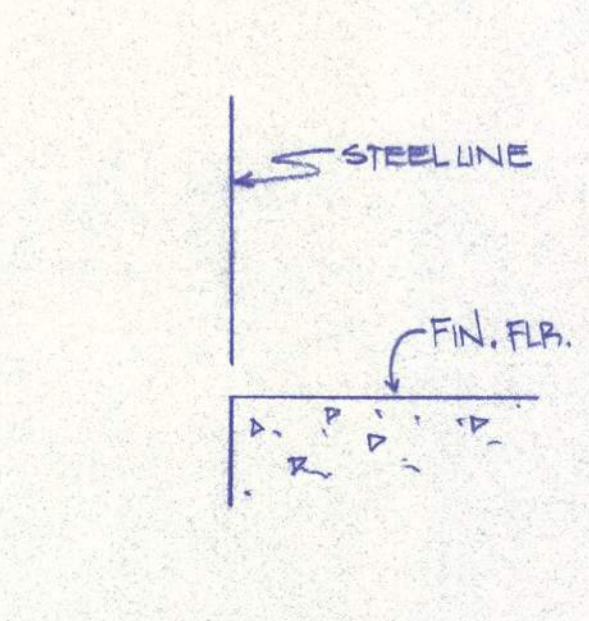
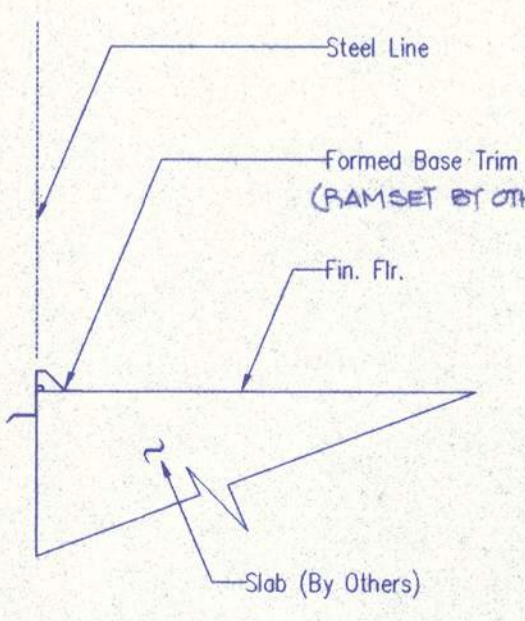
AB Dia 1" Column Base Detail BP-04

AB Dia 3/4" Column Base Detail BP-08



Framed Opening AB layout 3/4" AB

Walk Door AB layout 1/2" AB



Section at Edge of Slab SECTION "A"

SECTION "B"

MK	QTY	Description
F1	2	3'-4" x 7'-2" FOR F.O. (BY OTHERS)
F2	4	6'-0" x 4'-0" FOR F.O.
F3	2	9'-0" x 12'-0" FOR O.H.D.
F4	One	12'-0" x 14'-0"
F5	One	22'-0" x 14'-0"

Anchor Bolt Projections

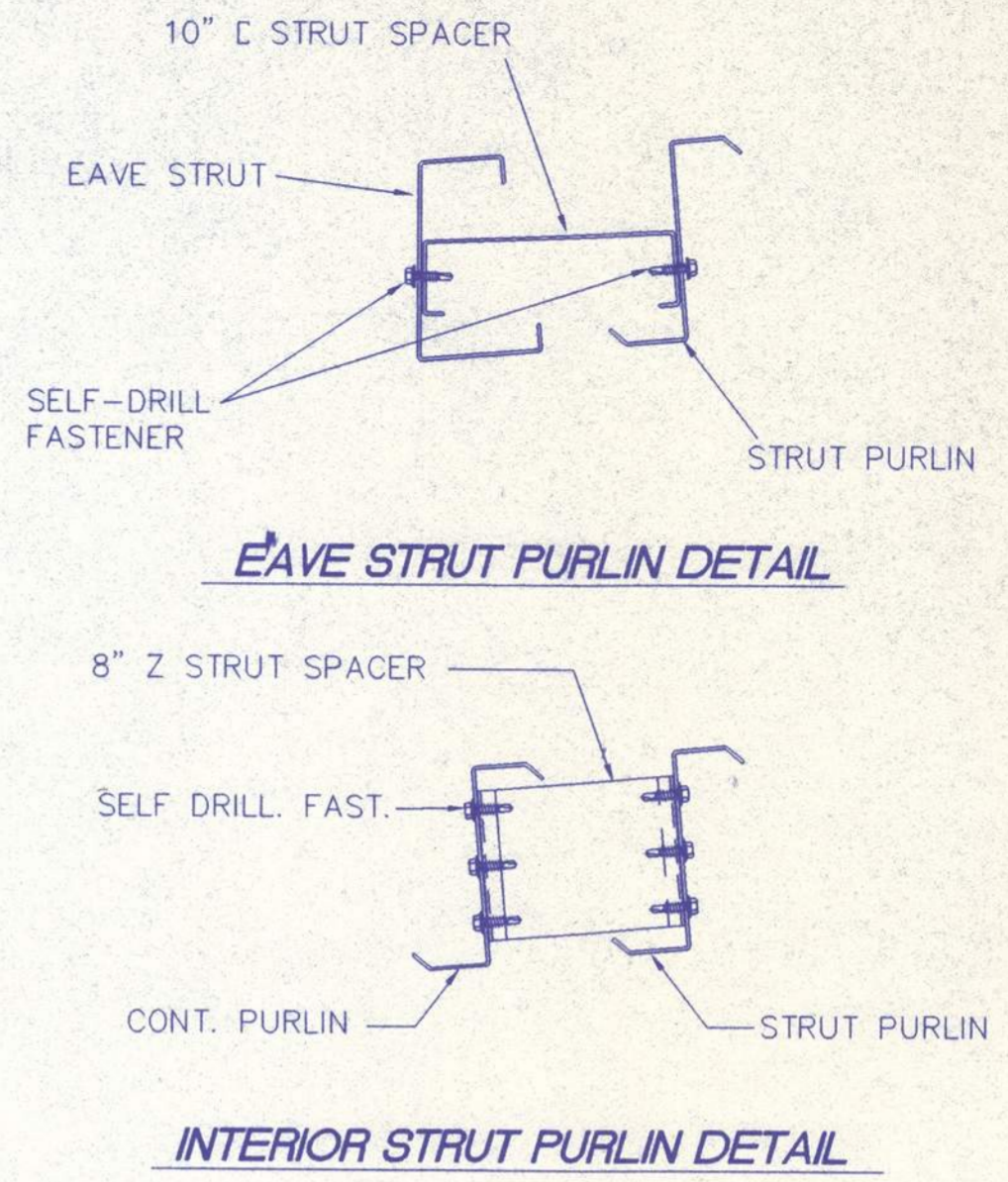
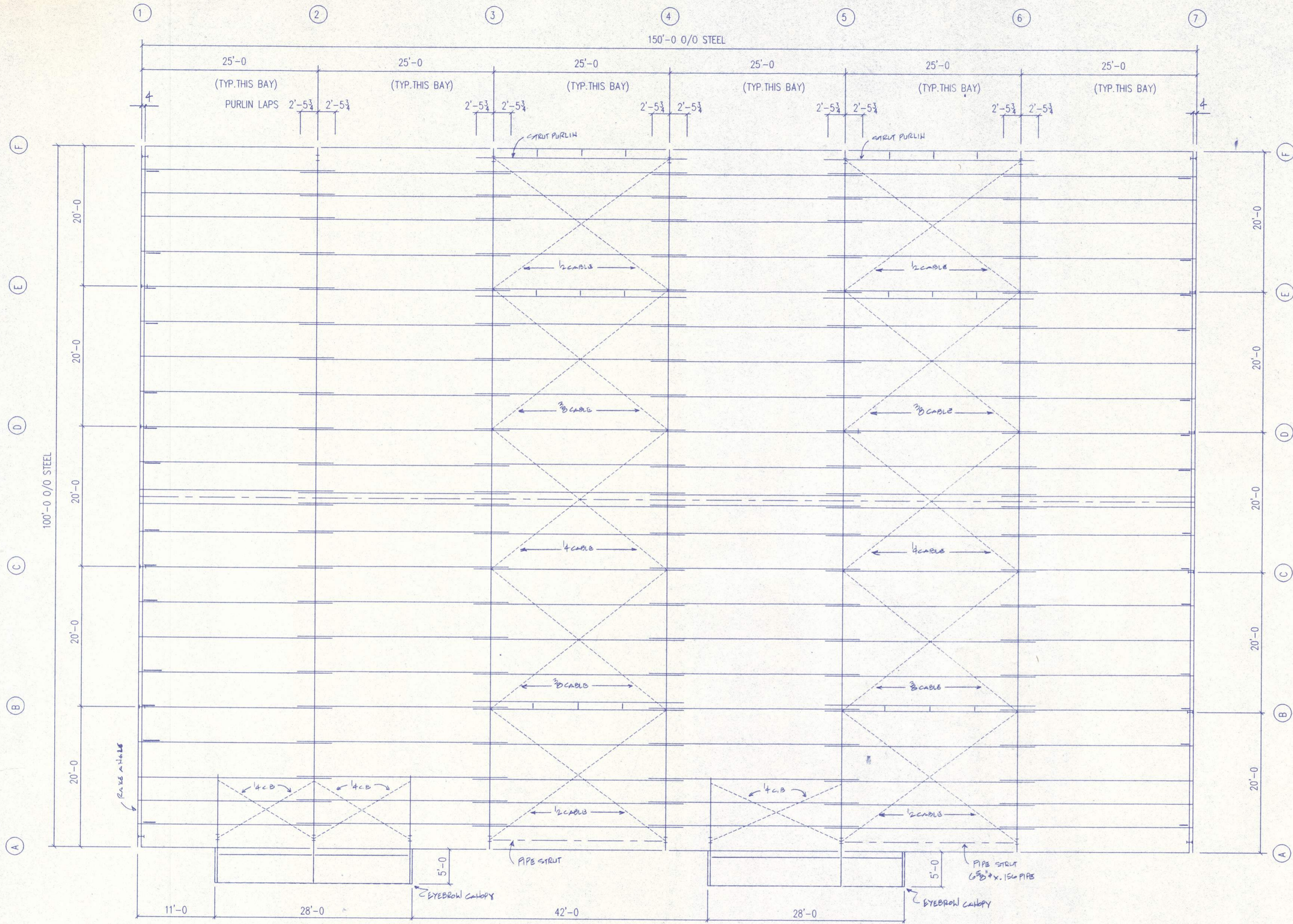
DIA.	PROJ.	NO.	DATE	DESCRIPTION	BY	CK'D
1/2"	1 1/2"	1	11-4-99	FOR CONSTRUCTION	SN	PB
5/8"	2"					
3/4"	2 1/2"					
7/8"	3 1/2"					
1"	3 1/2"					
1 1/8"	3 1/2"					
1 1/4"	4"					

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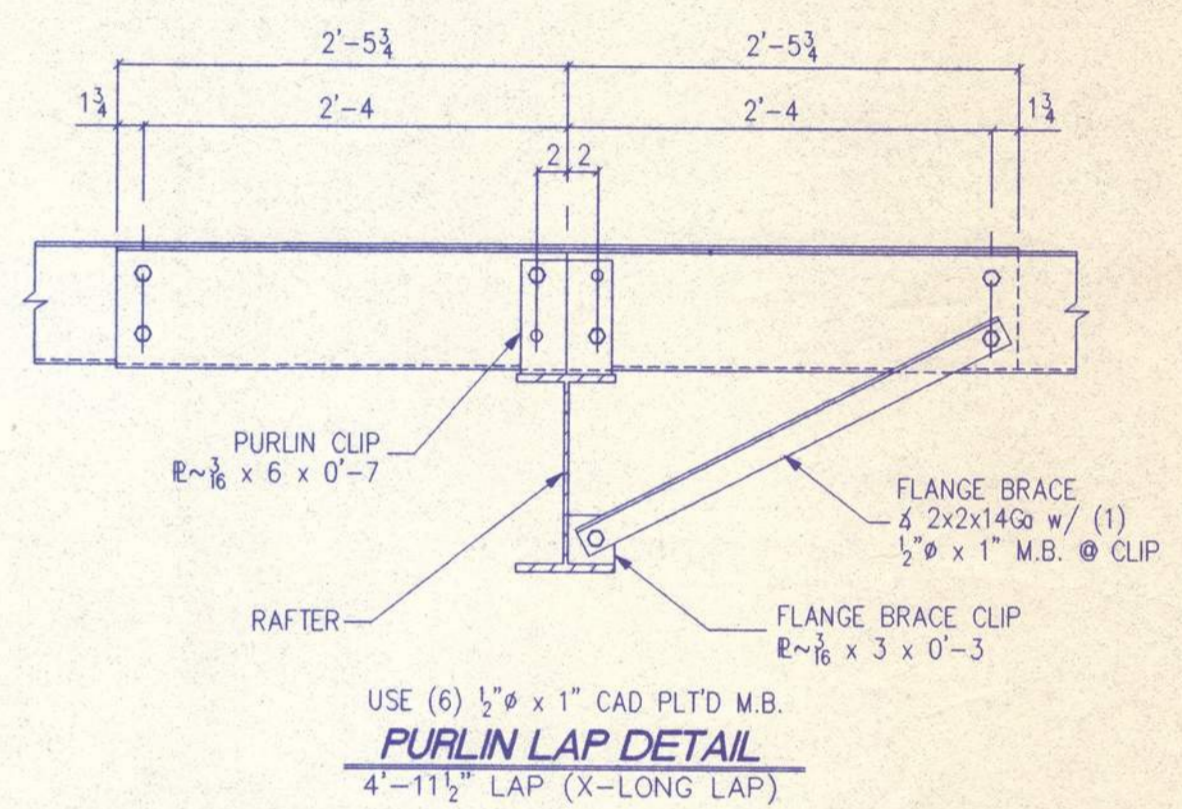
5113 PORTLAND ROAD N.E.
Salem, Oregon 97303
(800) 745-3406

Customer:	FAMILAN NORTHWEST
End User:	-
Location:	COOS BAY, OR
Det. By:	TIS
Chk By:	
Date:	10-19-1999
Scale:	N.T.S.
Building ID:	A
Job Number:	0801-183342
Sheet Number:	F2 of 2
Issue:	0



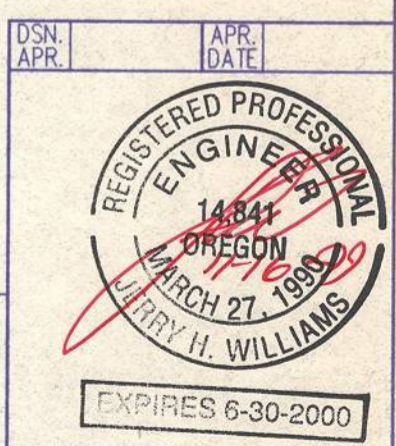
MEMBER	LOCATION	MATERIAL
EAVE STRUTS	END BAY	10 ES X 12 Ga.
EAVE STRUTS	INTR. BAY	10 ES X 12 Ga.
PURLINS	END BAY	10 Z 2 1/2 X 12 Ga.
PURLINS	INTR. BAY	10 Z 2 1/2 X 14 Ga.
GIRTS (S/W)	END BAY	8 Z 2 1/2 X 12 Ga.
GIRTS (S/W)	INTR. BAY	8 Z 2 1/2 X 12 Ga. (U.N.O.)
GIRTS (E/W)	END BAY	8 Z 2 1/2 X 12 Ga.
GIRTS (E/W)	INTR. BAY	8 Z 2 1/2 X 13 Ga.
RAFTERS	LEFT END	W12x19
RAFTERS	RIGHT END	W12x19
COR. COLUMN	LEFT END	W8x10
E/W COLS.	LEFT END	W8x15 (U.N.O.)
COR. COLUMN	RIGHT END	W8x10
E/W COLS.	RIGHT END	W8x15 (U.N.O.)
JAMBS	OPENINGS	8 C 3 1/2 X 14 Ga.
HEADERS	OPENINGS	8 C 3 1/2 X 14 Ga.
FLN'G. BRACE	FRAMES	4 - 2 X 2 X 14 Ga.
RAKE ANGLE	RAKE	4 - 4 X 2 X 16 Ga.
FRONT SILL	BASE	22GA

NOTES:
 1.) ALL CONNECTION BOLTS ARE 1/2" X 1" CAD. PLATED MACHINE BOLTS, UNLESS NOTED.
 2.) MEMBER SIZES SHOWN ARE NOMINAL. SEE SHEET C1 OF 1 FOR ACTUAL DIMENSIONS OF MATERIAL.



ROOF FRAMING PLAN

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MISCELLANEOUS ACCESSORIES		SWING DOORS		FRAMED OPENINGS		VENTILATORS	
MK. NO.	DESCRIPTION	MK. NO.	DESCRIPTION	MK. NO.	SIZE	MK. NO.	DESCRIPTION
2	5'-0" x 28'-0" EYEBROW CANTILEVER "FLORA" R" COFFIN RAIL (WHITE)	A ONE	3070 (M) (W) W/WS, STD. HW.	B ONE	9'-0" X 10'-0"		
				DNE	12'-0" X 14'-0"		FOR OH. DR.
				2	3'-4" X 7'-2"		FOR SUB-FRAME
				4	6'-0" X 4'-0"		FOR WINDOOLS (WINDOOLS BY OTHERS)
				DNE	22'-0" X 14'-0"		FOR OH. DR. (OR BY OTHERS)
SKYLIGHTS		WINDOWS					
MK. NO.	DESCRIPTION	MK. NO.	DESCRIPTION	MK. NO.	DESCRIPTION	MK. NO.	DESCRIPTION

DRAWING STATUS

FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

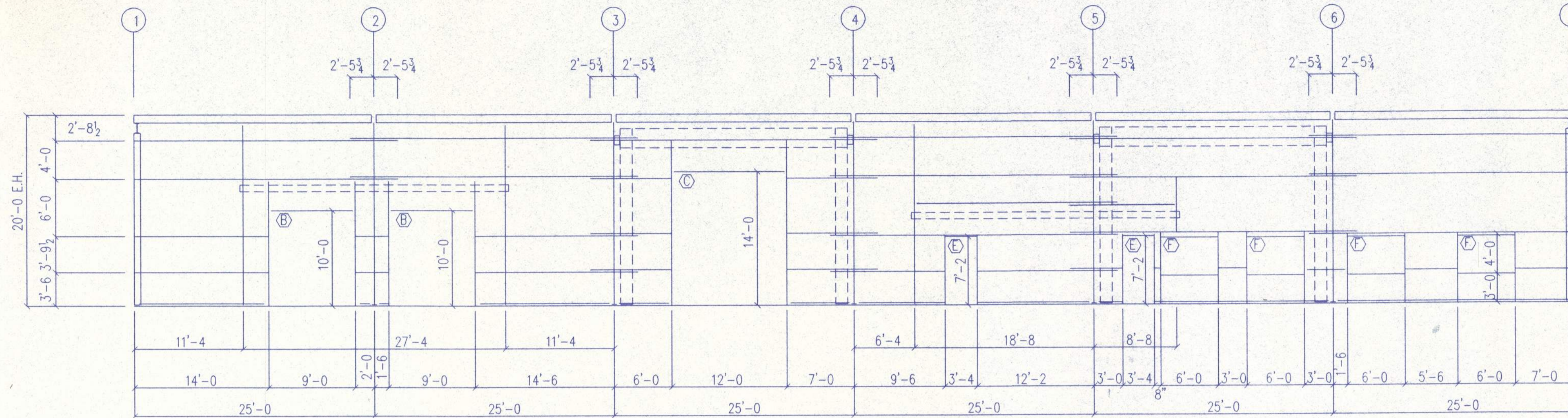
FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS		NO.	DATE	DESCRIPTION	BY	CK'D
A	11-15-99			FOR PERMIT		RS

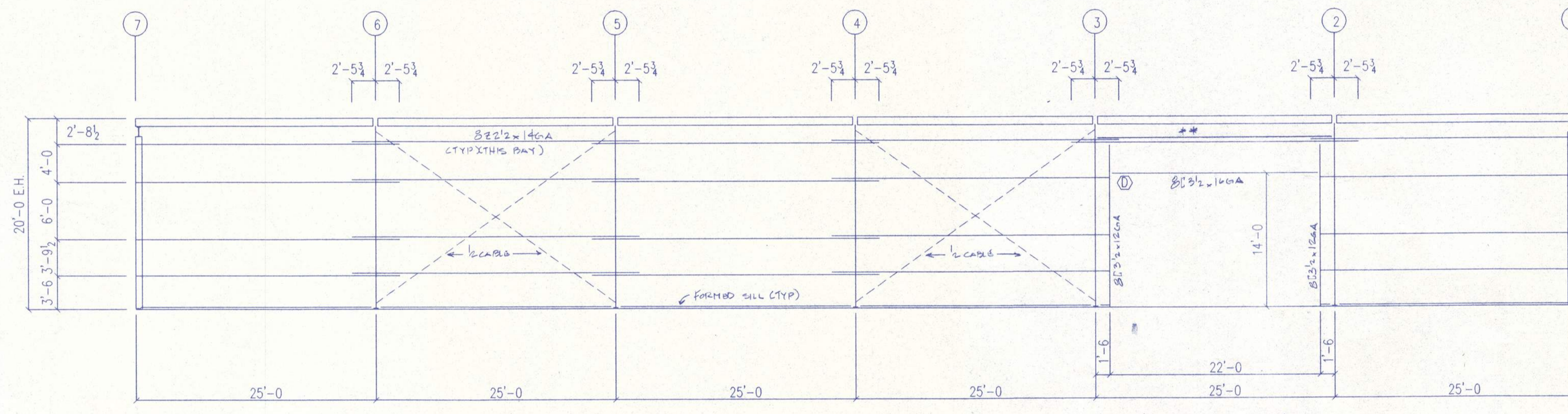
LICORP LUSTEEL Buildings

5113 PORTLAND ROAD N.E.
 Salem, Oregon 97303
 (800) 745-3406

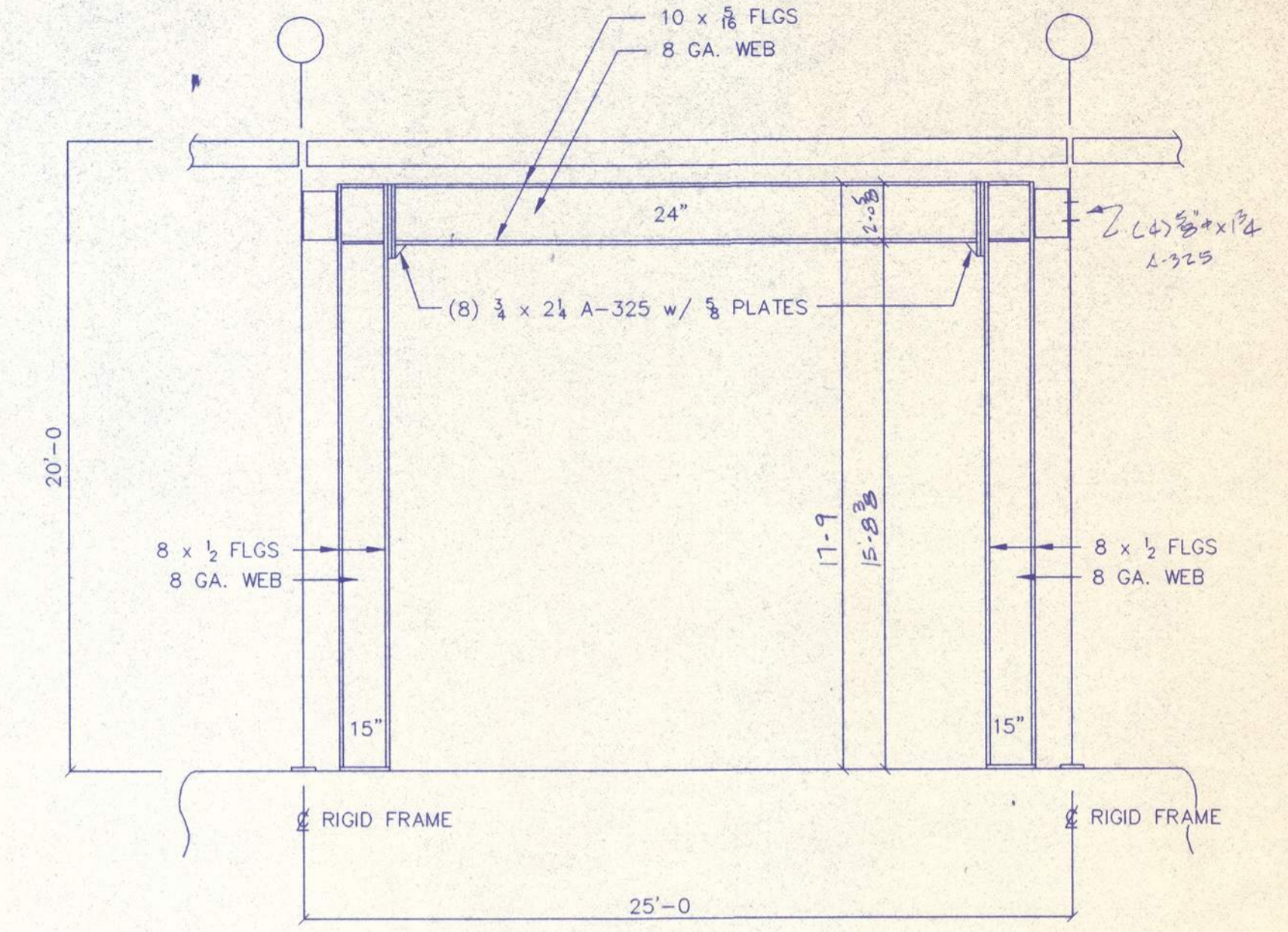
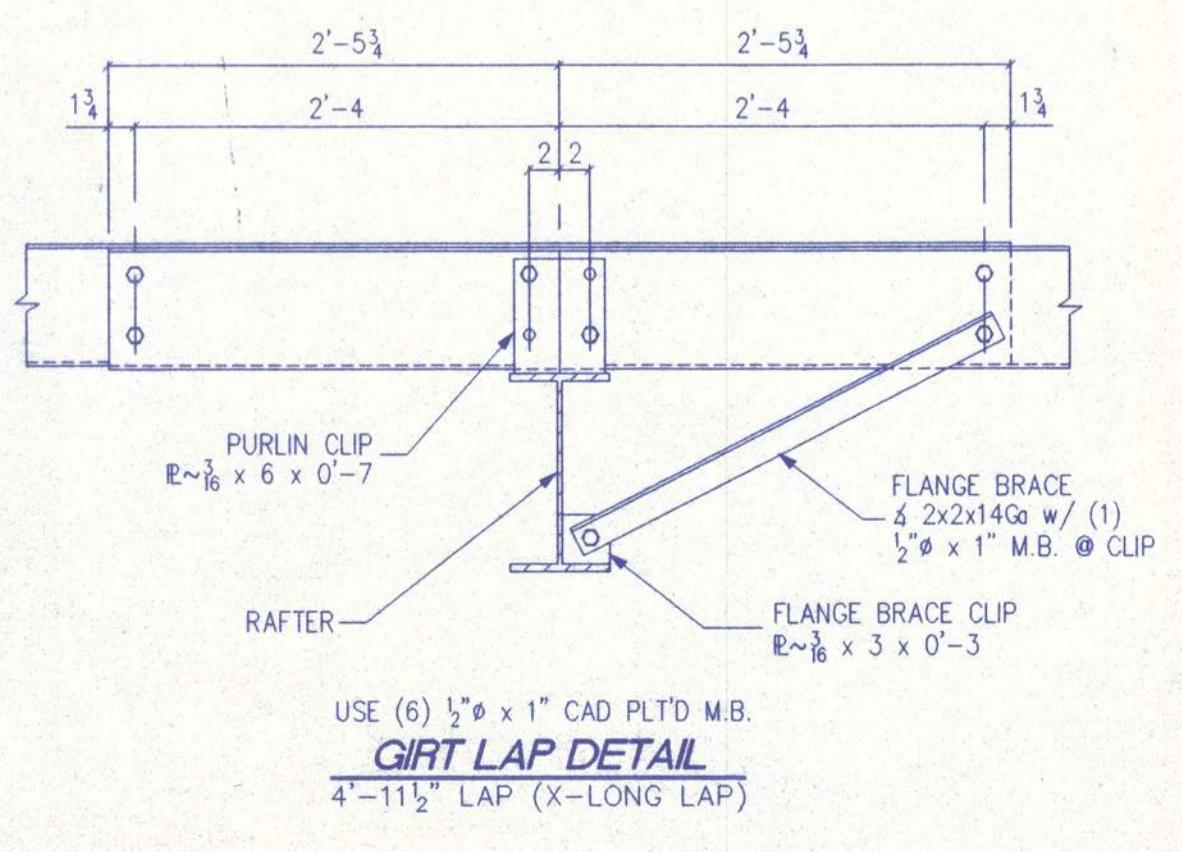
DESCRIPTION: ERECTION DRAWING
 SIZE: SEE SHEET C1
 CUSTOMER: FAMILIAN NORTHWEST
 LOCATION: COOS BAY, OR
 DRN. BY: CK'D BY: DATE: SCALE: NONE
 JOB NO. 0801-183342
 PH. BLDG. DESC. (ALPHA)
 SHEET NO. E1 OF
 ISSUE A



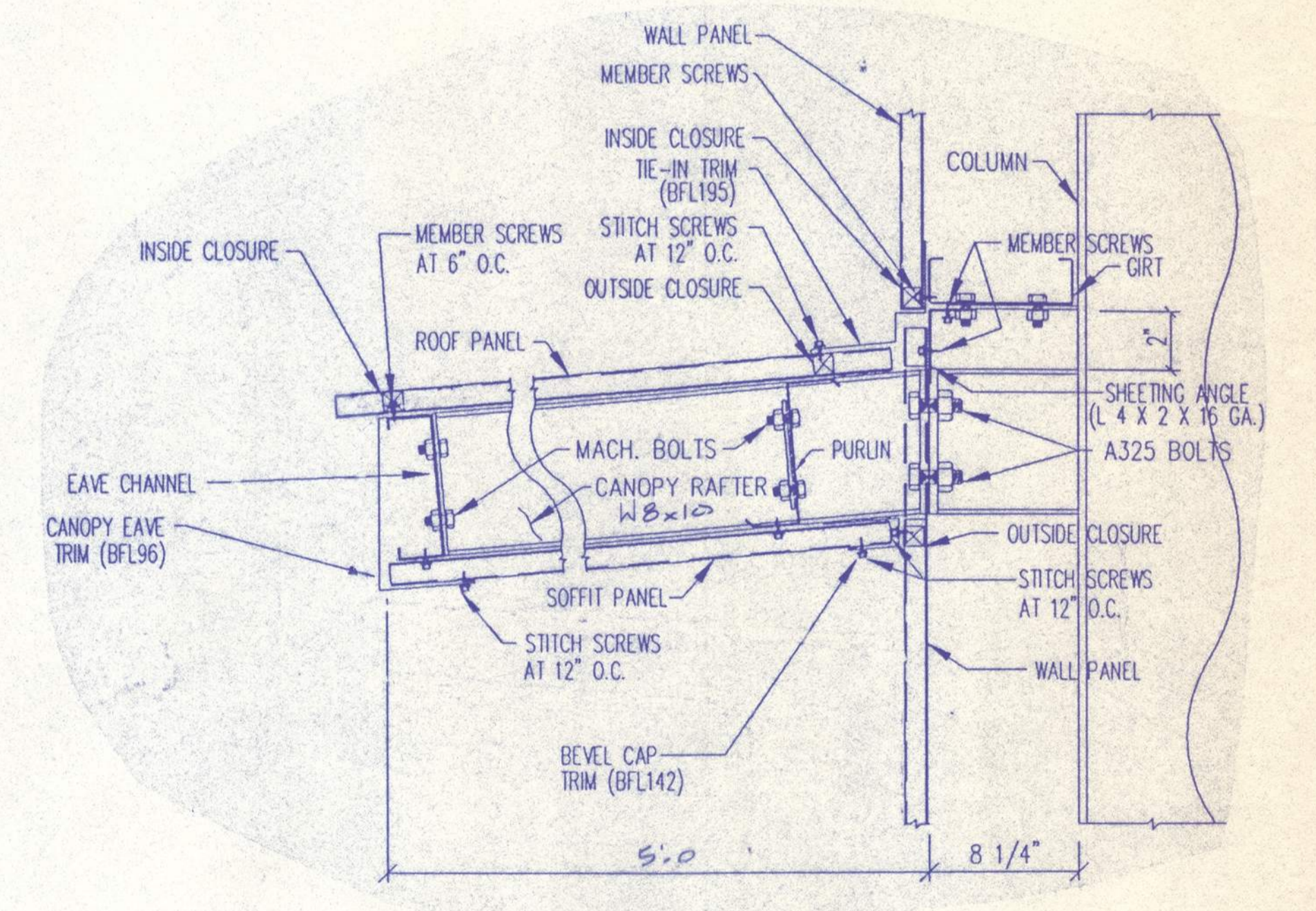
ELEVATION @ LINE "A"
FRONT SIDEWALL



ELEVATION @ LINE "F"
BACK SIDEWALL

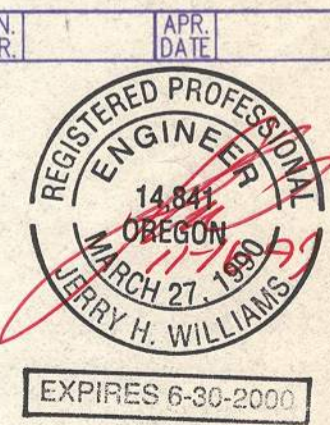


WIND BENT FRAMING

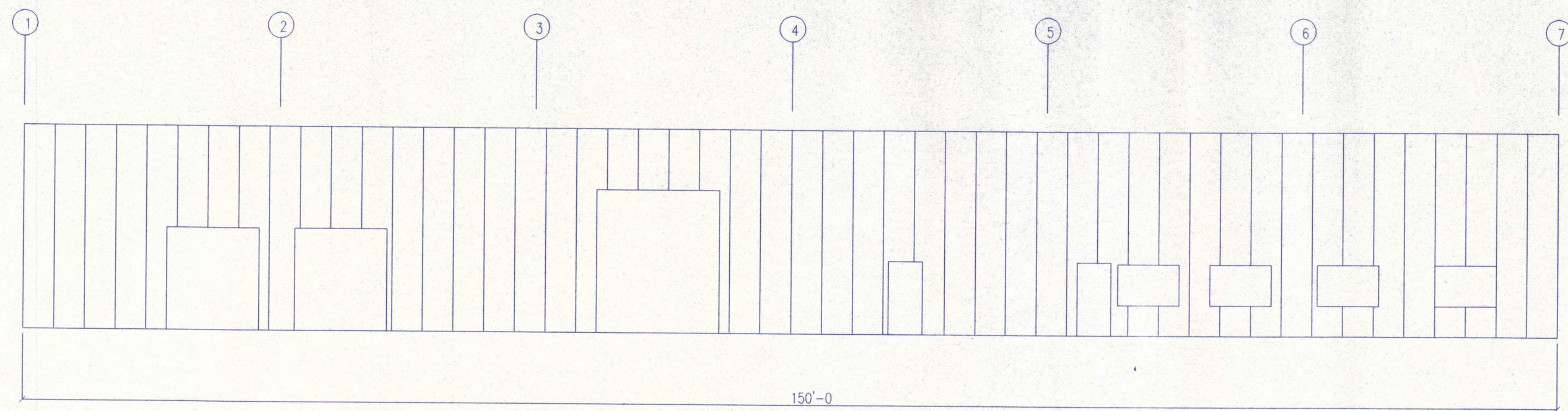


TYP SECTION THRU EYEBROW CANOPY

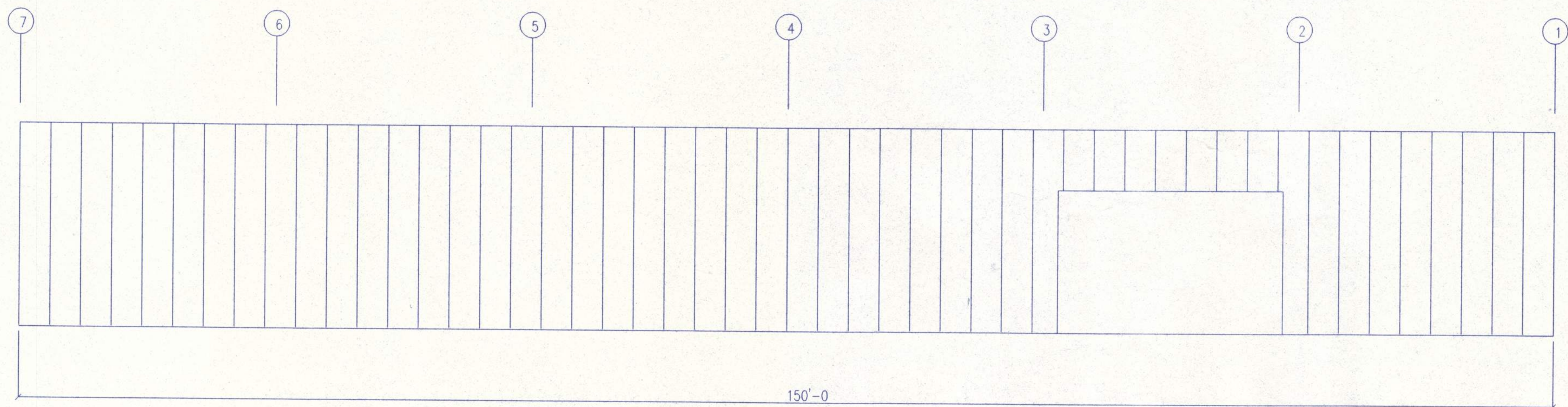
"THESE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF ALL AMERICAN SYSTEMS 7301 FAIRVIEW HOUSTON, TEXAS 77240-0220 (713) 466-5681. THE ENGINEER WHOSE SEAL APPEARS HEREON IS EMPLOYED BY ALL AMERICAN SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THE PROJECT."



DRAWING STATUS		REVISIONS				LICORP STEEL Buildings		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	DESCRIPTION	ERECTION DRAWING	
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	11-16-99	FOR PERMIT		RS	SIZE	SEE SHEET C1	
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						CUSTOMER	FAMILIAN NORTHWEST	
							LOCATION	COOS BAY, OR	
							DRN. BY	CK'D BY	
							DATE	SCALE	
							JOB NO.	PH BLDG. DESC. (ALPHA)	
							0801-183342	SHEET NO. E2 OF A	

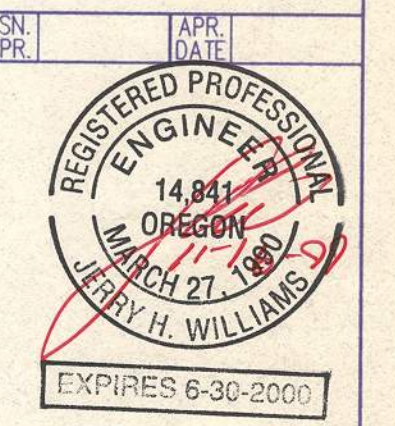


SHEETING @ LINE "A"
FRONT SIDEWALL



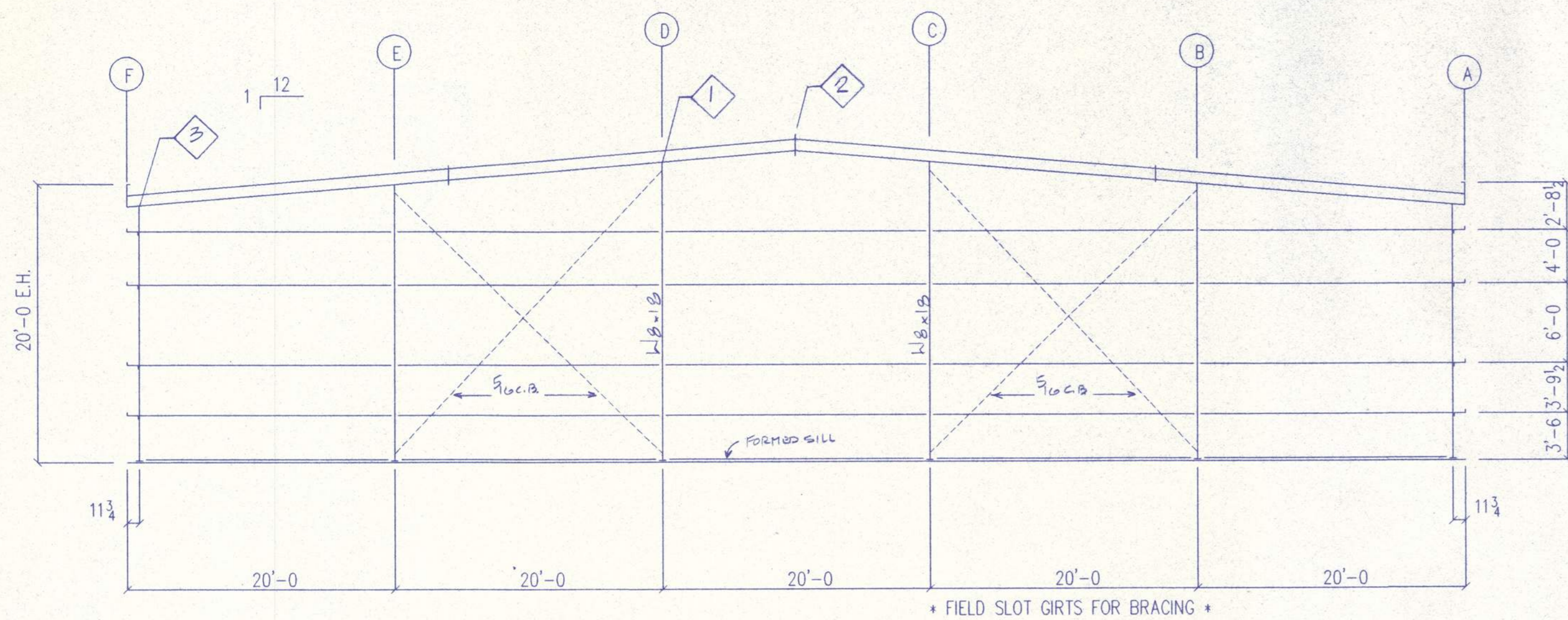
SHEETING @ LINE "F"
BACK SIDEWALL

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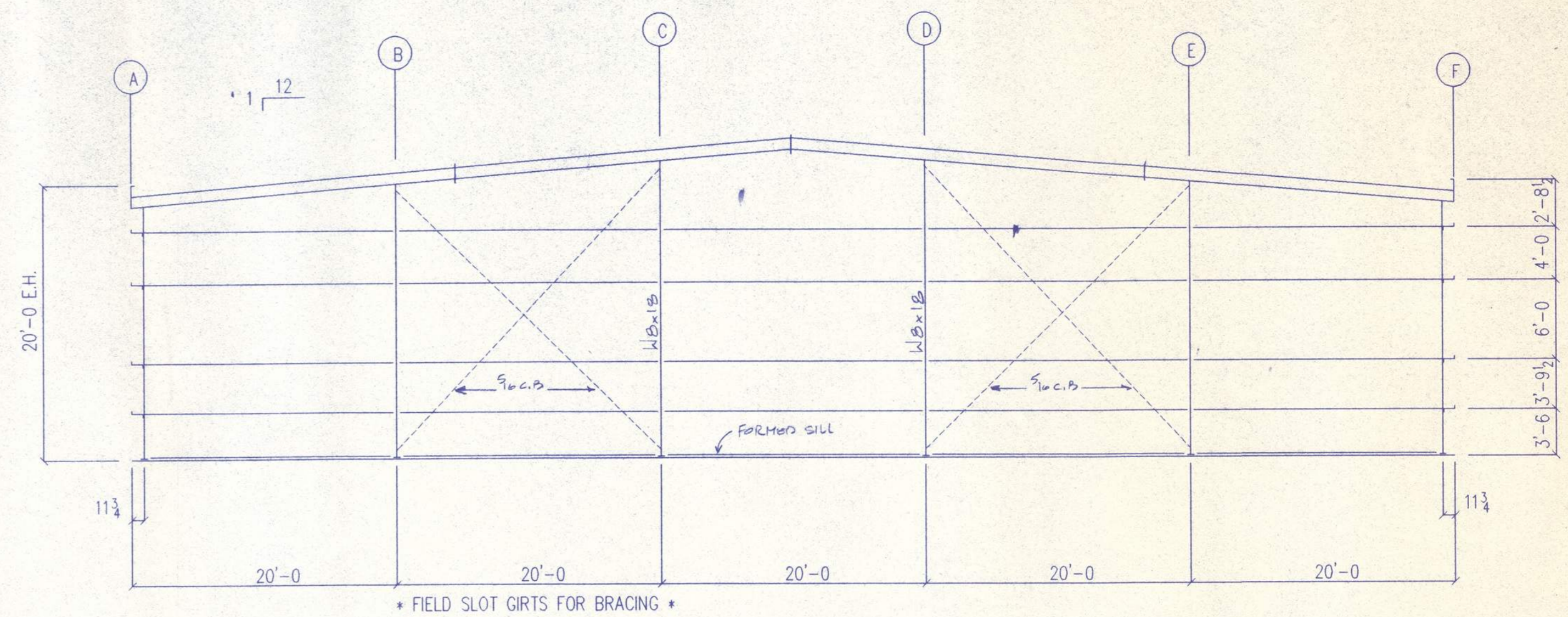


DRAWING STATUS		REVISIONS				DESCRIPTION		BY		CK'D	
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<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.										
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.										

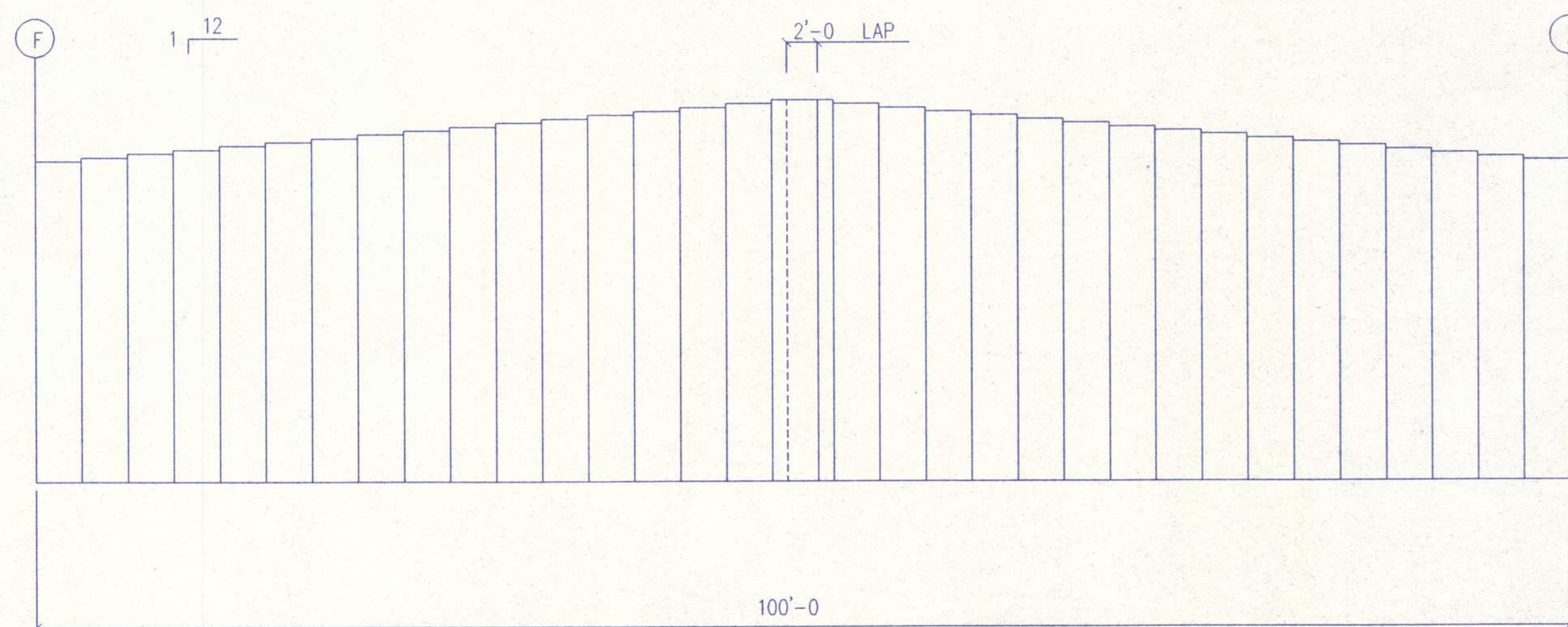
		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
DESCRIPTION	ERECTION DRAWING	DRN. BY	RTN
SIZE	SEE SHEET C1	CK'D BY	DATE
CUSTOMER	FAMILIAN NORTHWEST	SCALE	JOB NO.
LOCATION	COOS BAY, OR	NONE	0801-183342
		PH	BLDG. DESC. (ALPHA)
			SHEET NO.
			E3 OF A



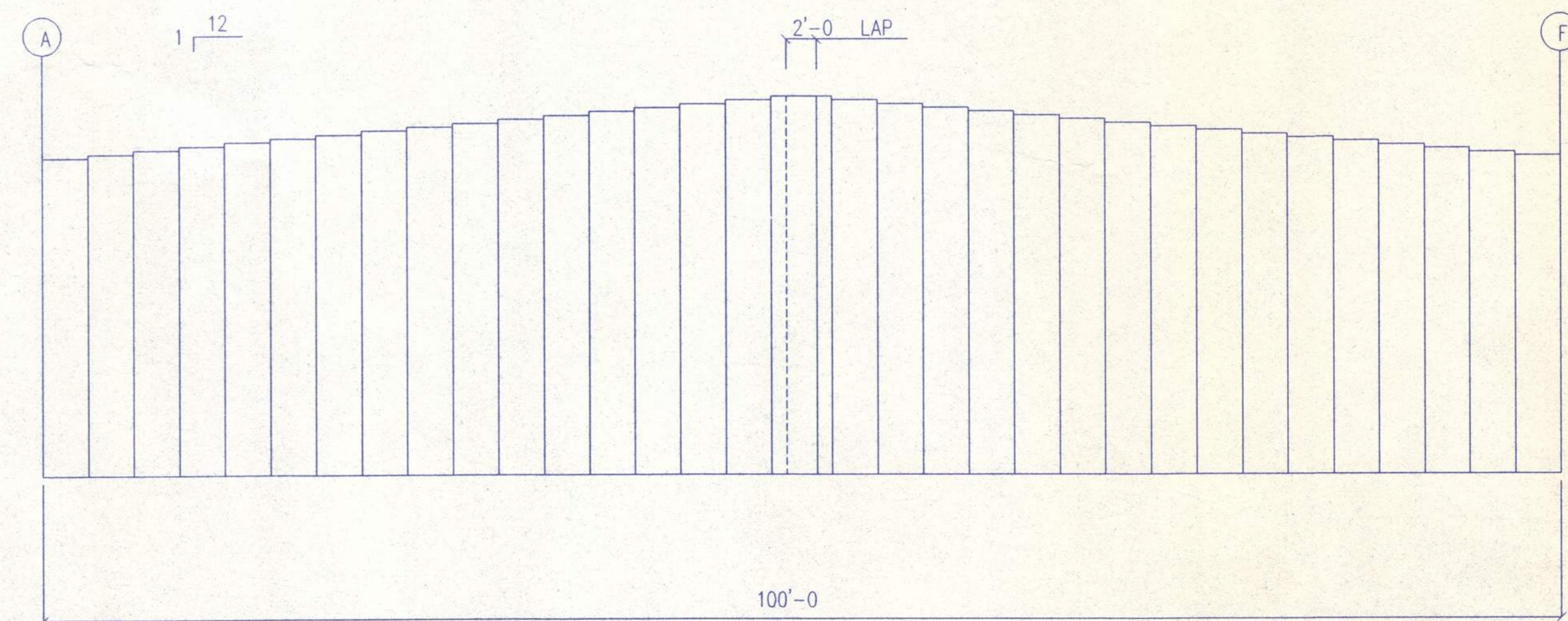
ELEVATION @ LINE "1"
LEFT ENDWALL



ELEVATION @ LINE "7"
RIGHT ENDWALL

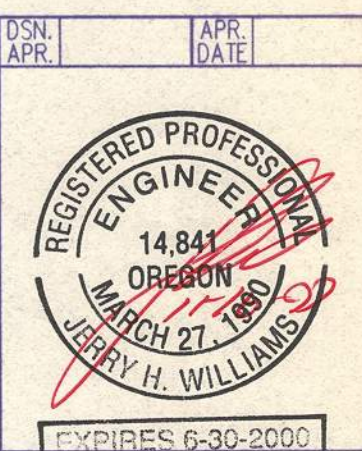


SHEETING @ LINE "1"
LEFT ENDWALL



SHEETING @ LINE "7"
RIGHT ENDWALL

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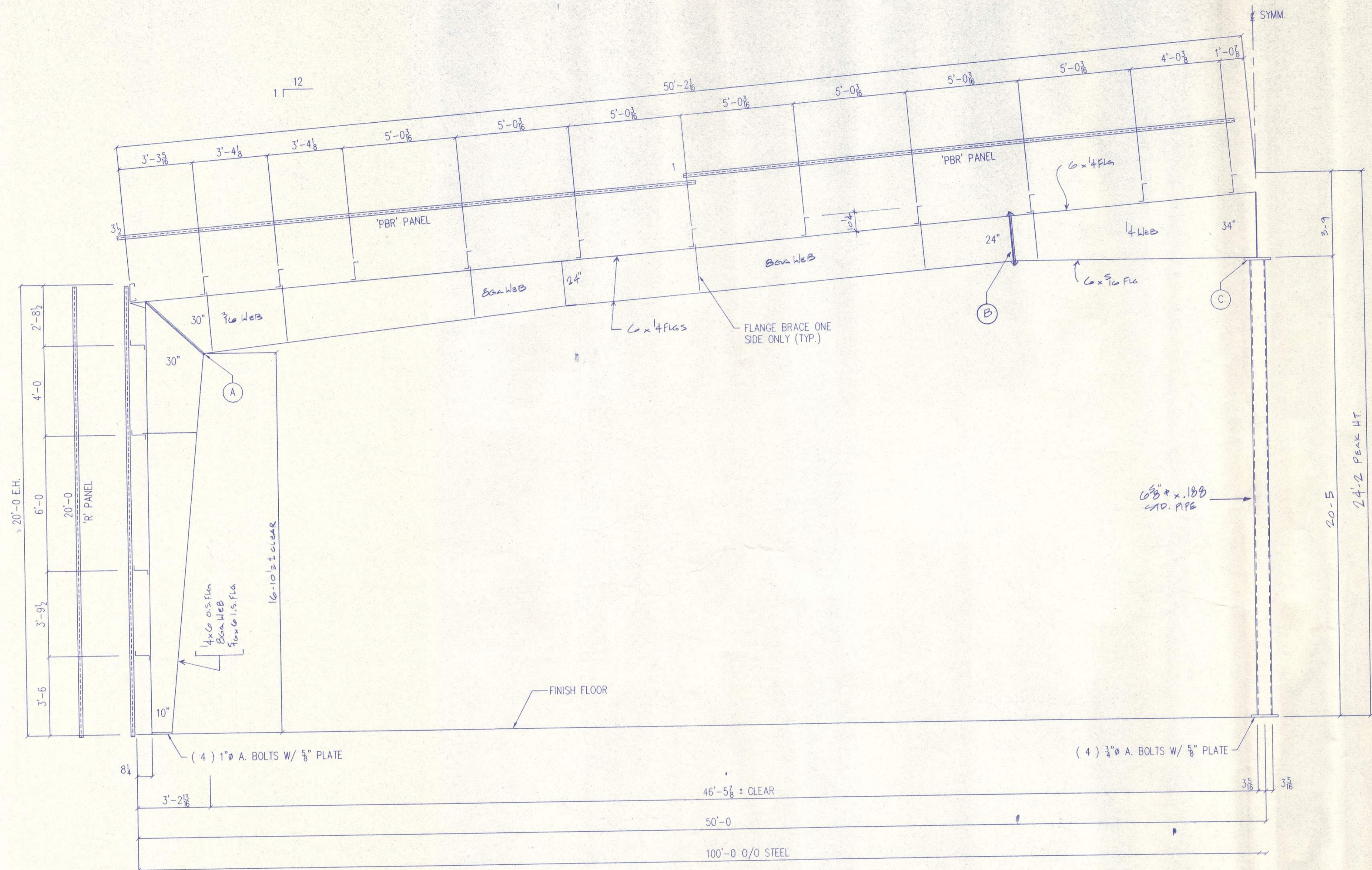


SYMBOL	QTY.	LOCATION	DESCRIPTION
1	4	COL. / RAF.	5/8" DIA. X 1 1/4" A325 BOLTS WITHOUT WASHERS
2	8	RAF. / RAF.	5/8" DIA. X 1 3/4" A325 BOLTS WITHOUT WASHERS
3	2	COL. / RAF.	5/8" DIA. X 1 1/4" A325 BOLTS WITHOUT WASHERS

DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

NO.		DATE		DESCRIPTION		BY	CK'D
A		11-16-99		FOR PERMIT			RS

		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
DESCRIPTION	ERECTION DRAWING		
SIZE	SEE SHEET C1		
CUSTOMER	FAMILIAN NORTHWEST		
LOCATION	COOS BAY, OR		
DRN. BY	CK'D BY	DATE	SCALE
			NONE
JOB NO.	PH	BLDG. DESC. (ALPHA)	SHEET NO.
0801-183342			E4 OF
ISSUE	A		



CROSS SECTION • LINES 2 - 6

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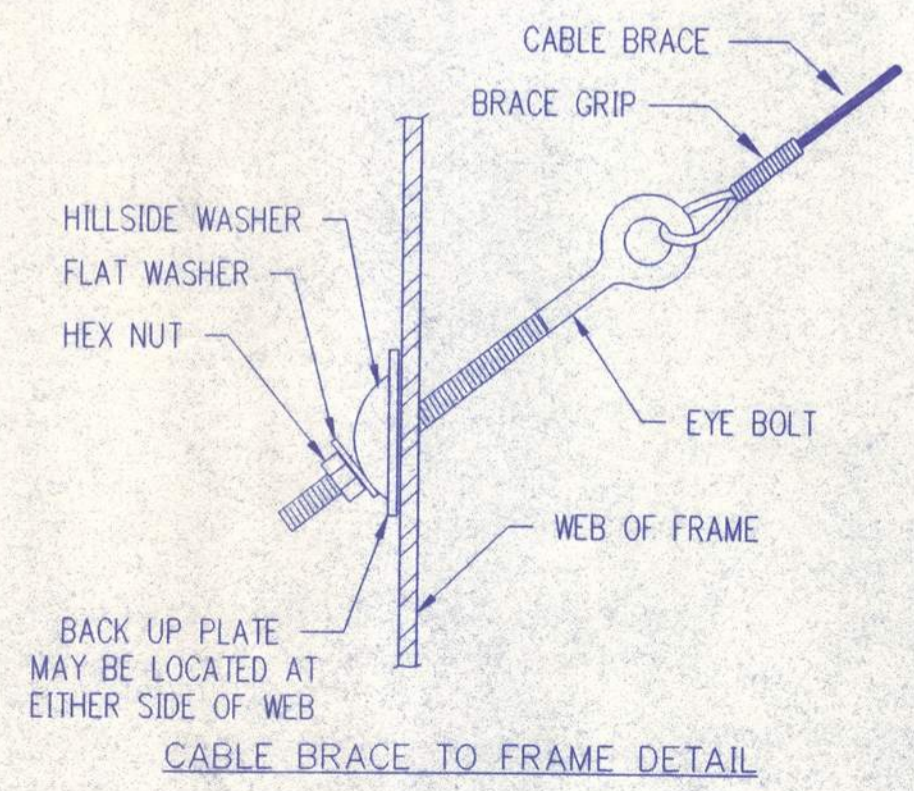
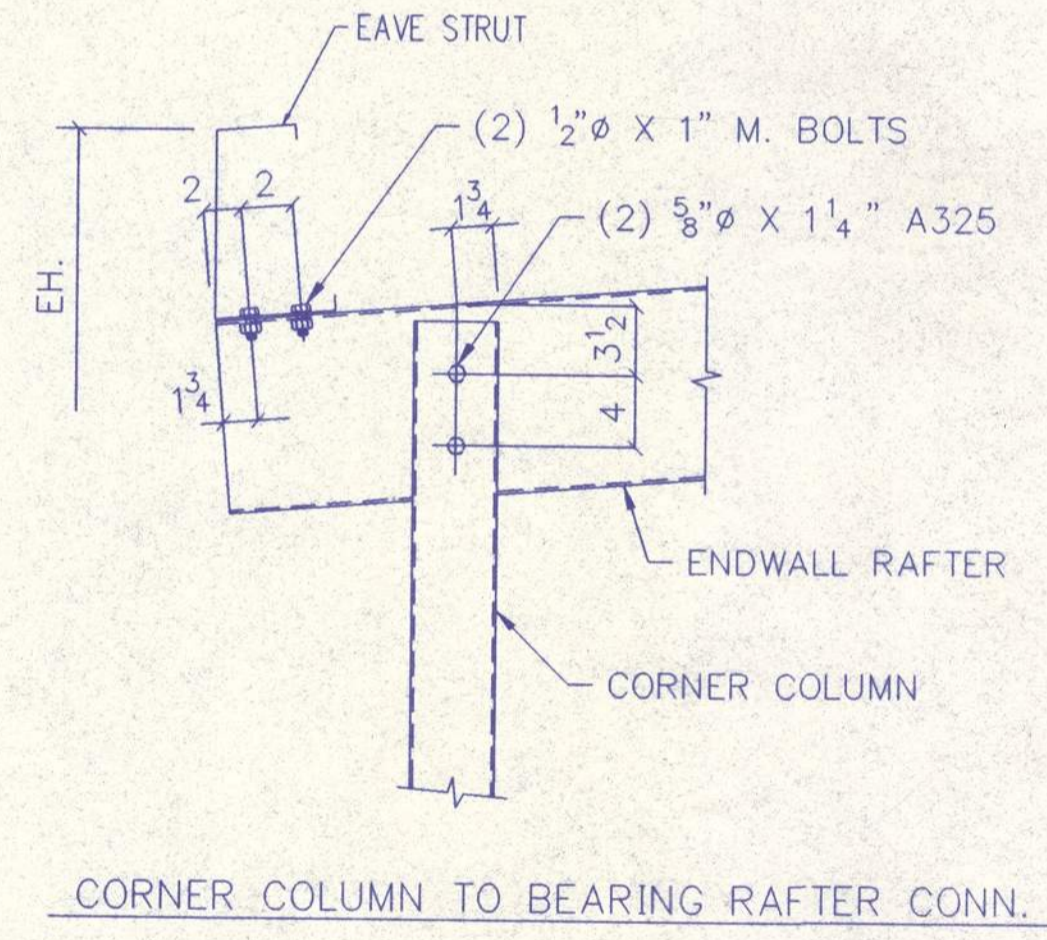
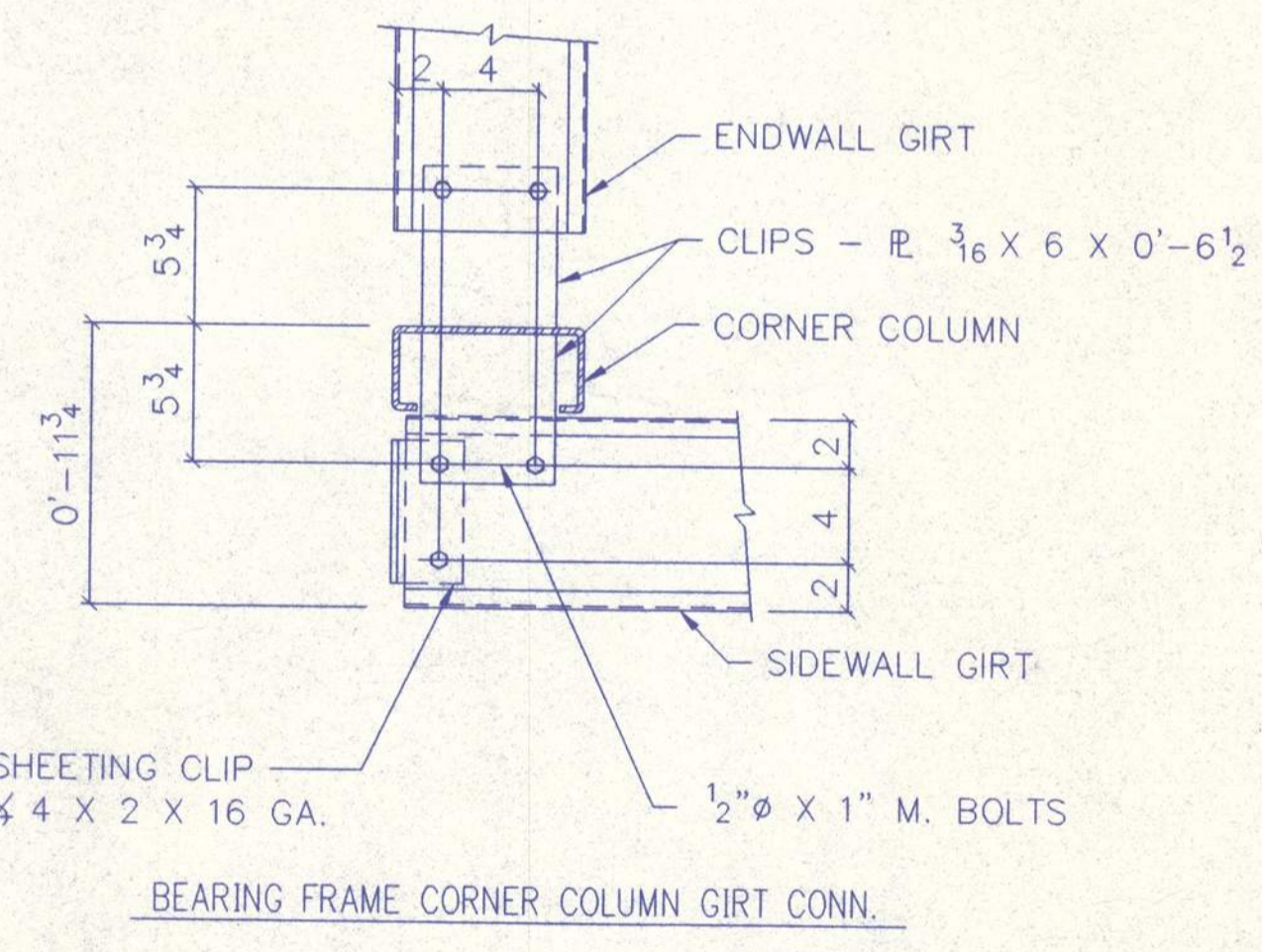
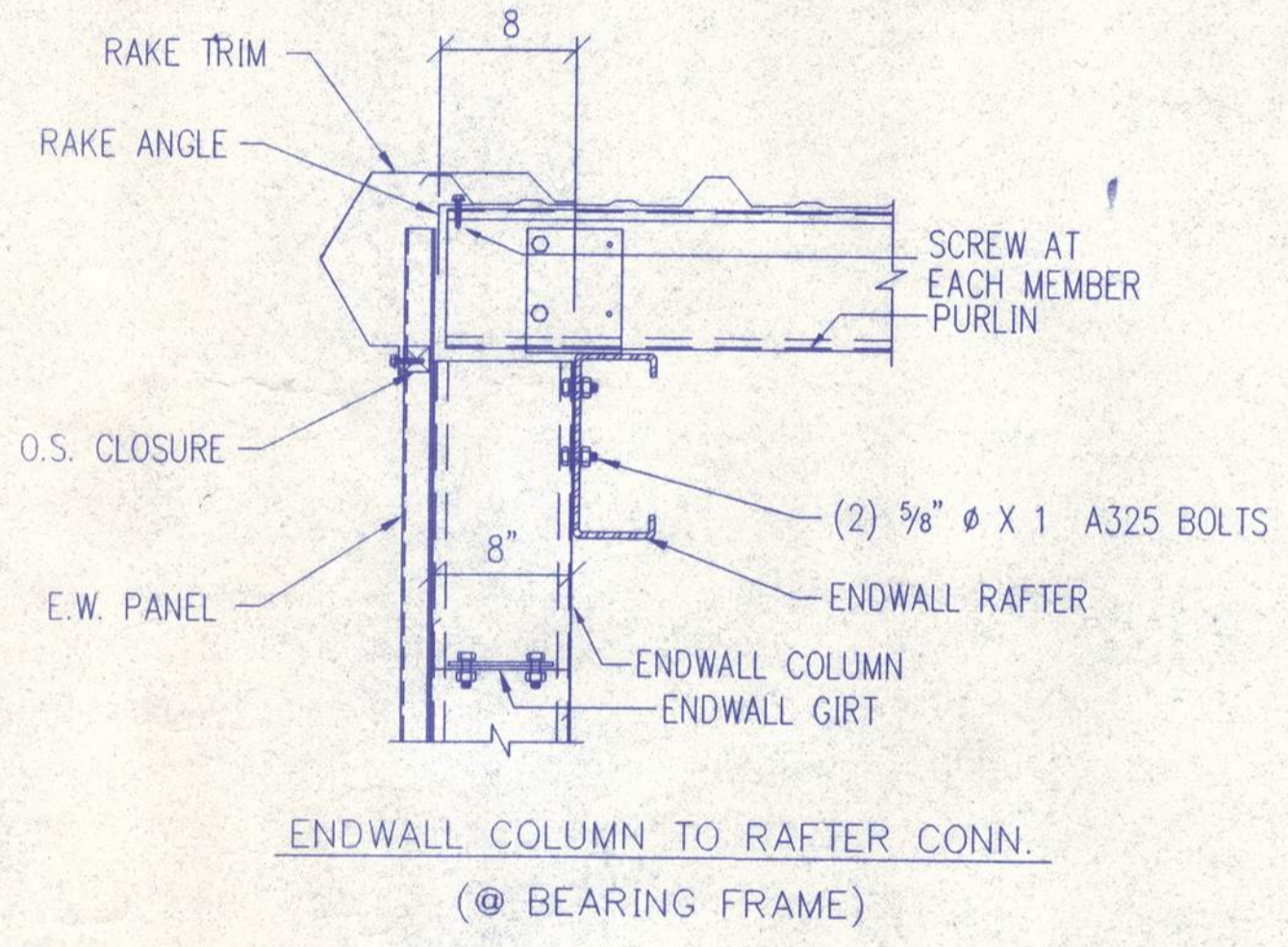
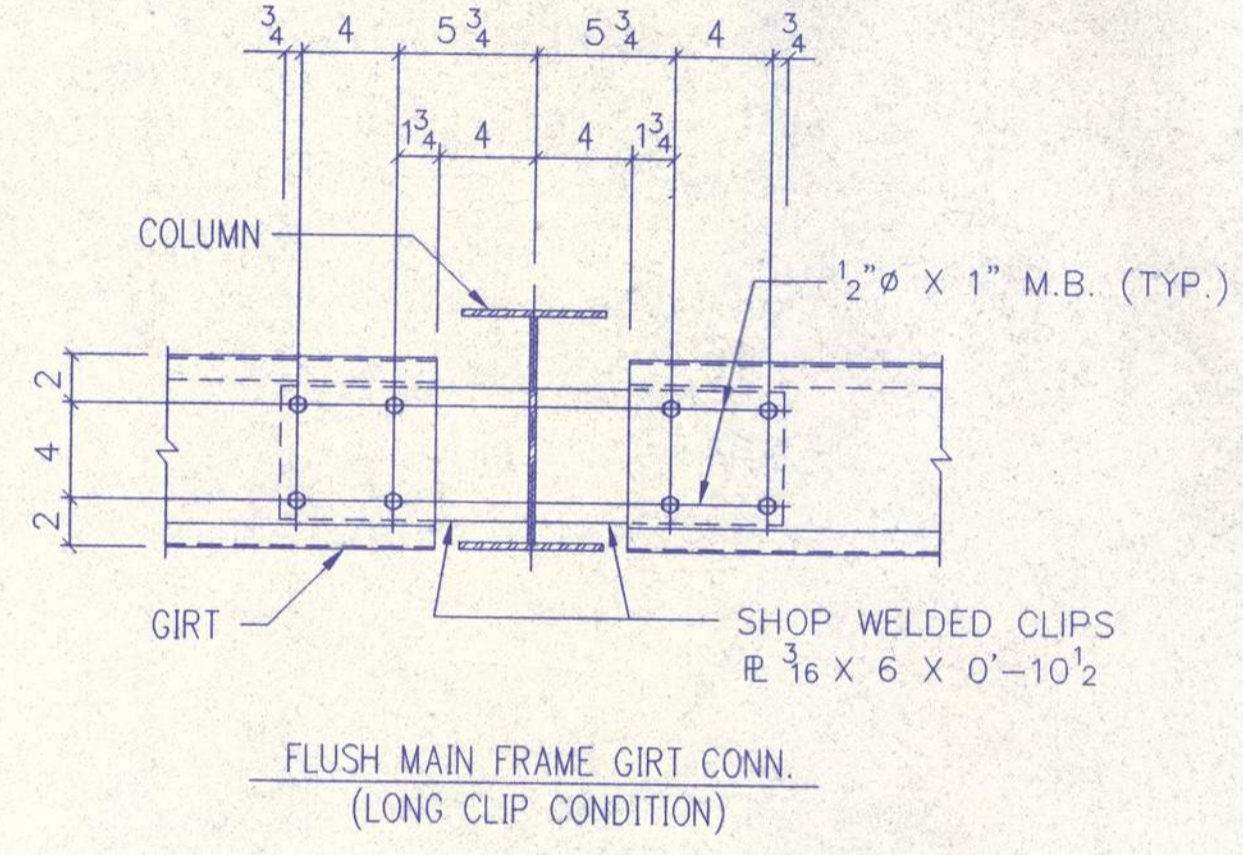
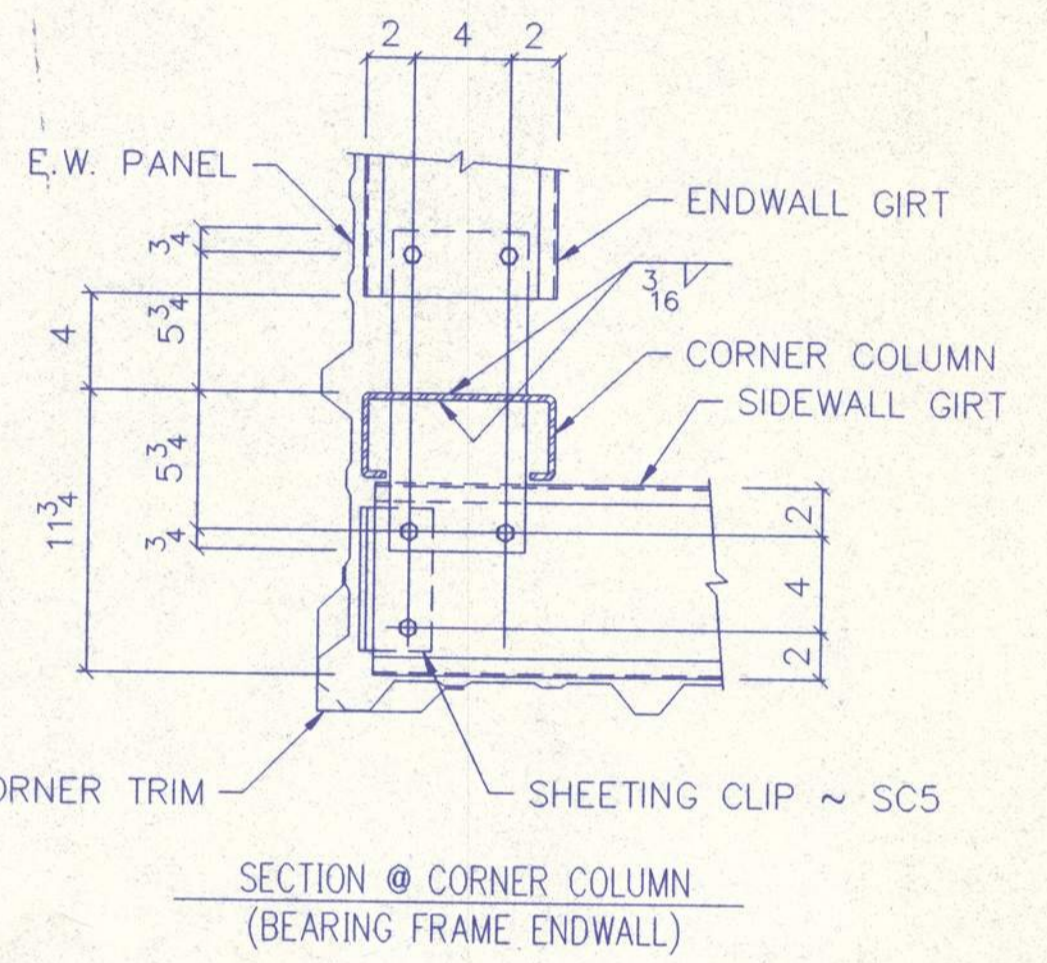
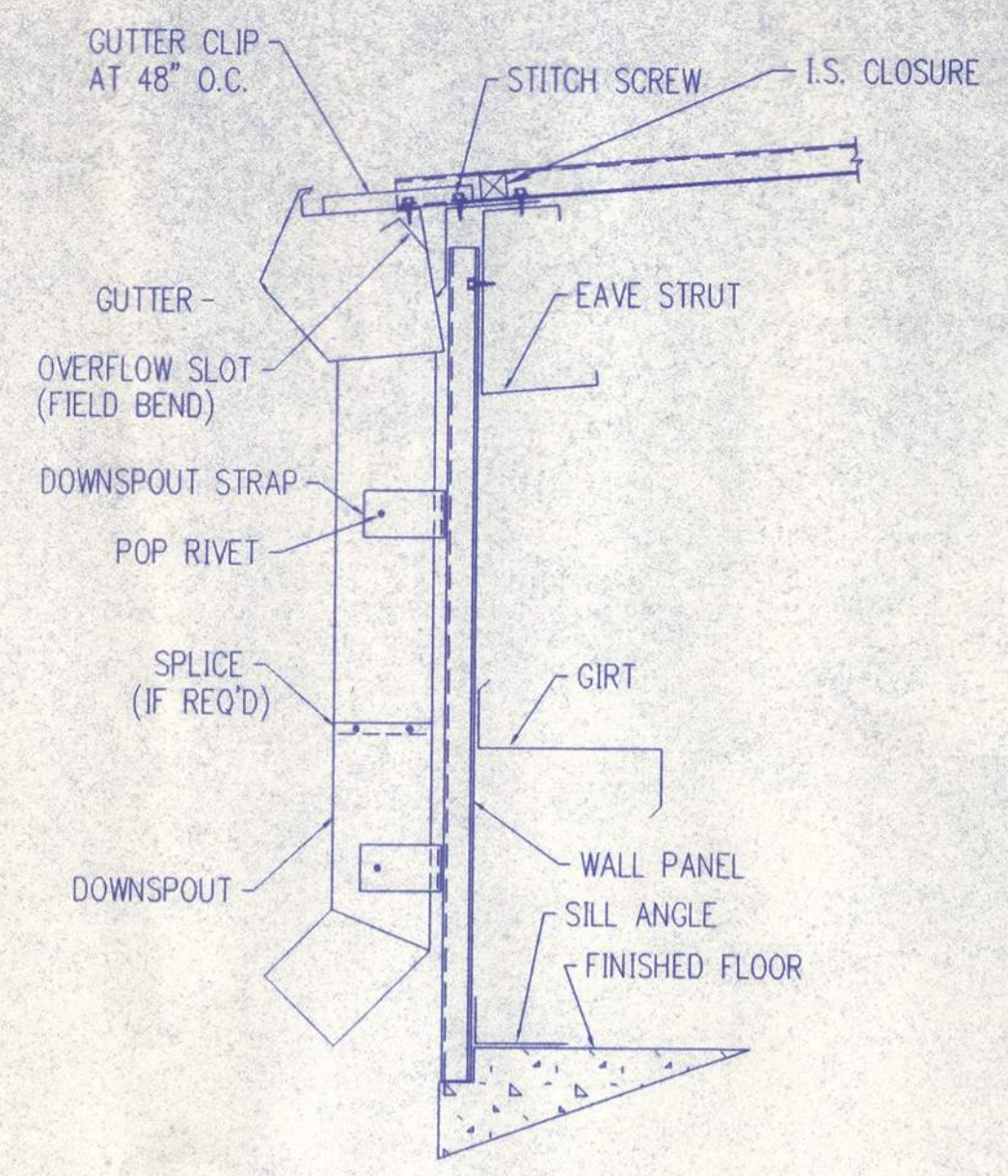
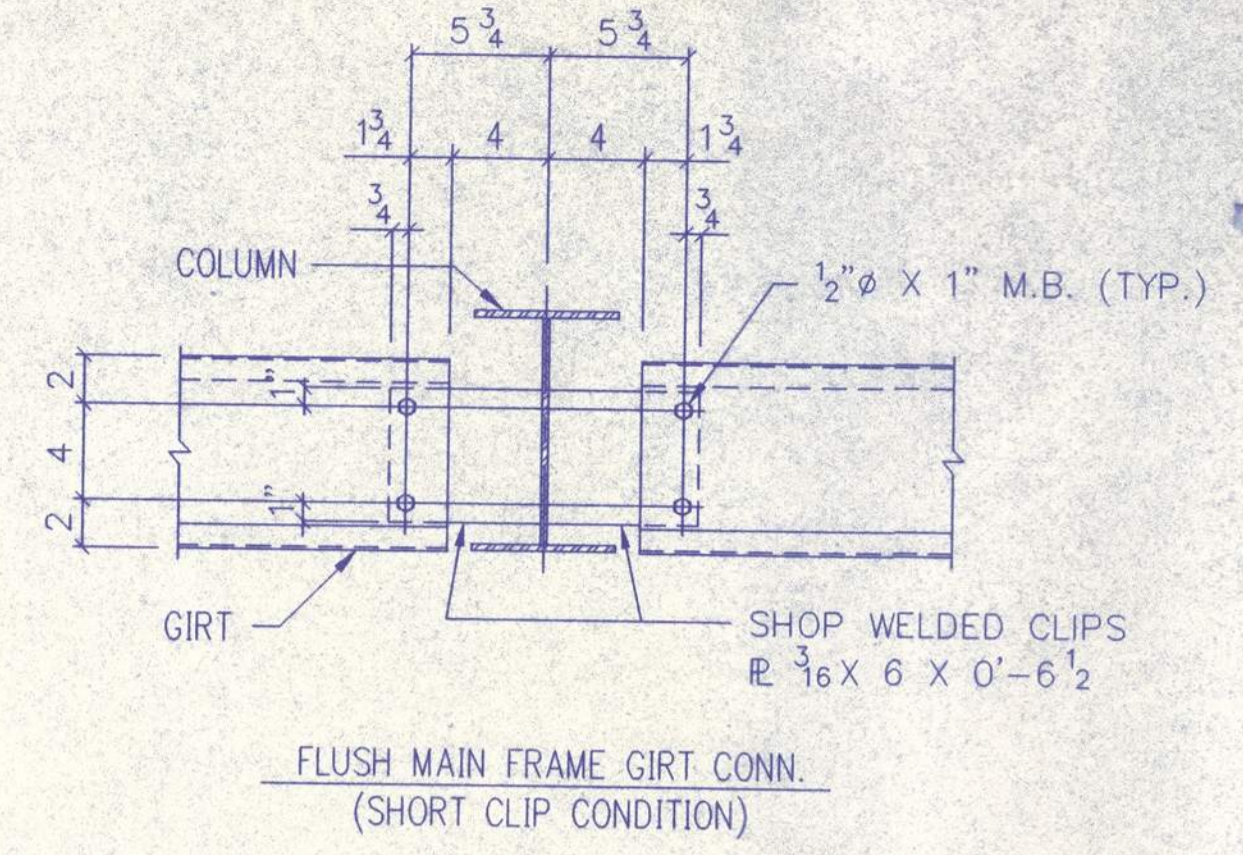
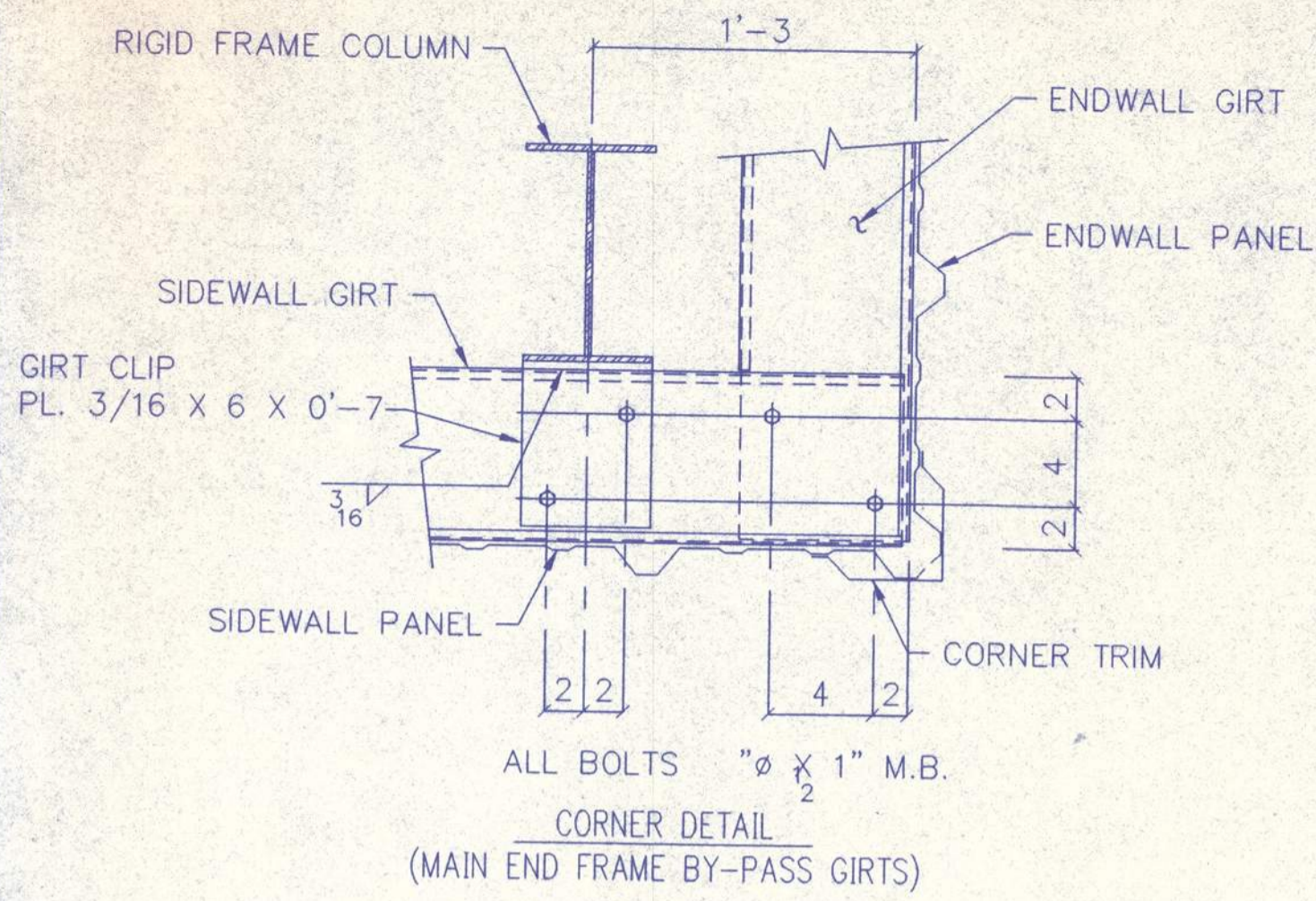


- (A) = (10) 3/4" X 2 1/4" A-325 W/ 5/8" PLATE
- (B) = (8) 3/4" X 2 1/4" A-325 W/ 5/8" PLATE
- (C) = (4) 3/4" X 2 1/4" A-325 W/ 5/8" PLATE

DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

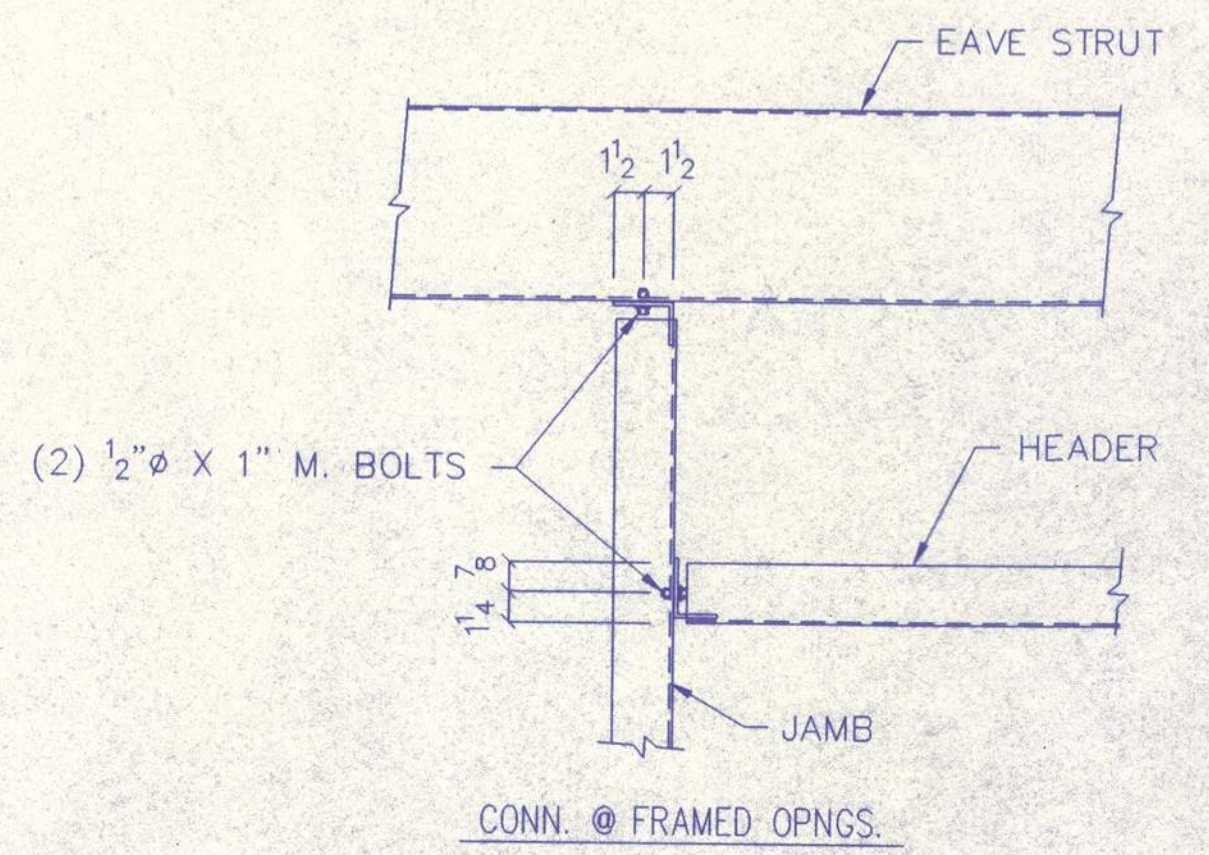
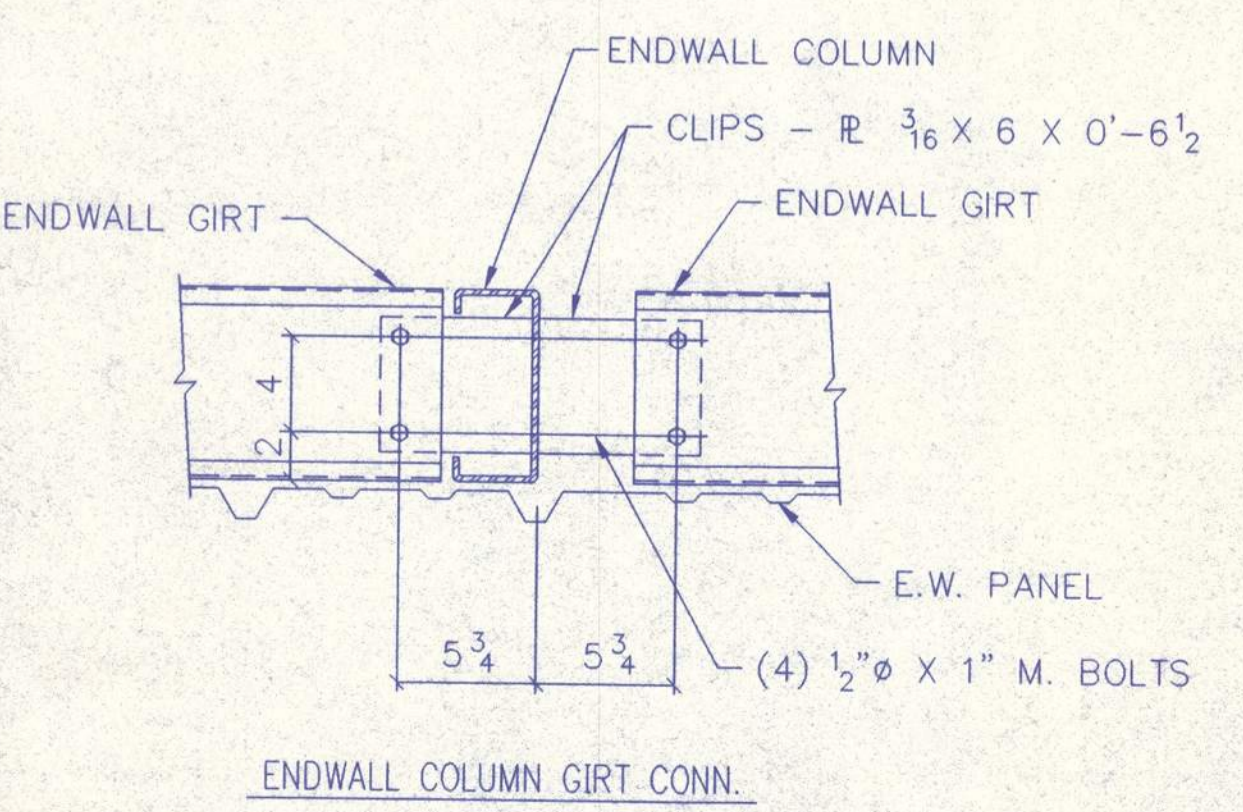
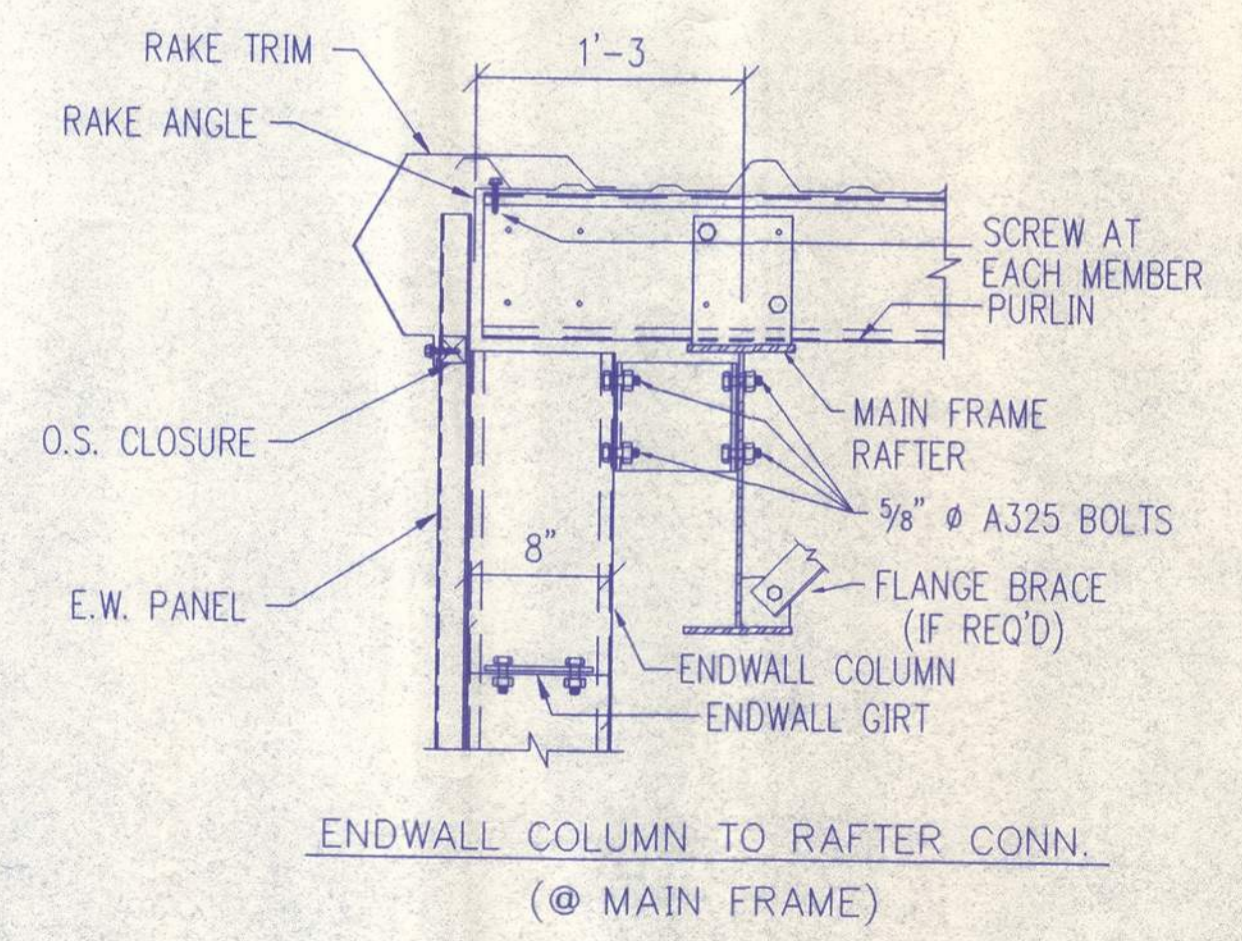
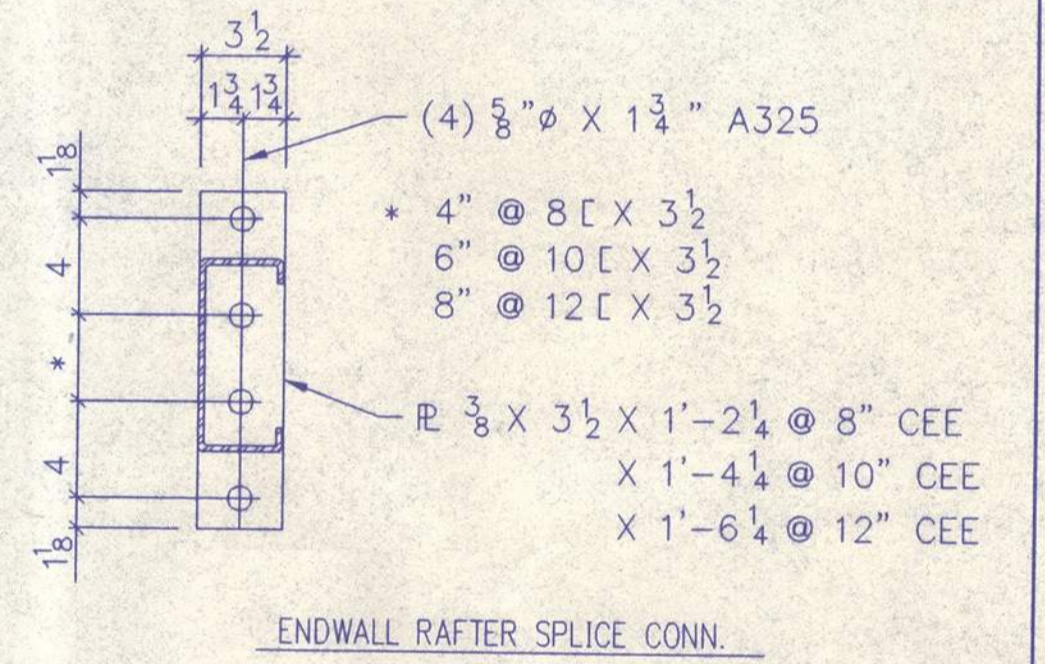
REVISIONS				
NO.	DATE	DESCRIPTION	BY	CKD
A	11-16-94	FOR PERMIT		RS

		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
		ERECTOR PROJECT	
DESCRIPTION		ERECTOR PROJECT	
SIZE		SEE SHEET C1	
CUSTOMER		FAMILIAN NORTHWEST	
LOCATION		COOS BAY, OR	
DRN. BY	CKD BY	DATE	SCALE
			NONE
JOB NO.		PH	BLDG. DESC. (ALPHA)
0801-183342			
SHEET NO.		ISSUE	
ES OF		A	



COLD FORMED STEEL COMPONENTS YIELD STRENGTH = 57.0 K.S.I. (TYP.)

SECT. NAME	DIMENSIONS				MEMBER PROPERTIES				SHAPE	
	A	B	C	D	GA.	AREA	Ix	Iy		Sx eff
8 X 2 1/2 Z 16	8	2 1/2	2 1/2	.915	16	.850	8.018	1.119	1.840	
8 X 2 1/2 Z 15	8	2 1/2	2 1/2	.929	15	.962	9.019	1.271	2.098	
8 X 2 1/2 Z 14	8	2 1/2	2 1/2	.935	14	1.015	9.536	1.343	2.279	
8 X 2 1/2 Z 13	8	2 1/2	2 1/2	.970	13	1.298	12.123	1.735	2.978	
8 X 2 1/2 Z 12	8	2 1/2	2 1/2	.990	12	1.461	13.599	1.963	3.341	
10 X 2 1/2 Z 15	10	2 1/2	2 1/2	.928	15	1.100	15.423	1.271	2.781	
10 X 2 1/2 Z 14	10	2 1/2	2 1/2	.935	14	1.160	16.258	1.343	3.112	
10 X 2 1/2 Z 13	10	2 1/2	2 1/2	.970	13	1.484	20.701	1.735	4.077	
10 X 2 1/2 Z 12	10	2 1/2	2 1/2	.990	12	1.670	23.242	1.964	4.577	
10 X 3 Z 15	10	3 1/2	3 1/2	.928	15	1.238	18.826	3.033	2.842	
10 X 3 Z 14	10	3 1/2	3 1/2	.935	14	1.306	19.846	3.204	3.095	
10 X 3 Z 13	10	3 1/2	3 1/2	.970	13	1.670	25.269	4.130	3.689	
10 X 3 Z 12	10	3 1/2	3 1/2	.990	12	1.880	28.374	4.672	4.930	
12 X 3 1/2 Z 14	12	3 1/2	3 1/2	.935	14	1.451	30.480	3.204	3.689	
12 X 3 1/2 Z 13	12	3 1/2	3 1/2	.970	13	1.856	38.840	4.131	5.366	
12 X 3 1/2 Z 12	12	3 1/2	3 1/2	.990	12	2.089	43.640	4.672	6.370	
8 E.S. 16	8	3 1/2	5	1.061	16	1.090	11.266	2.970	2.007	
8 E.S. 14	8	3 1/2	5	1.090	14	1.301	13.390	3.542	2.575	
8 E.S. 12	8	3 1/2	5	1.168	12	1.873	19.056	5.089	3.948	
10 E.S. 14	10	3 1/2	5	0.902	14	1.447	22.863	3.800	3.023	
10 E.S. 12	10	3 1/2	5	1.168	12	2.083	32.040	5.472	5.388	
12 E.S. 14	12	3 1/2	5	1.089	14	1.593	34.398	4.021	3.969	
12 E.S. 12	12	3 1/2	5	1.168	12	2.292	49.178	5.785	6.980	
8 X 2 1/2 C 16	8	2 1/2	2 1/2	.778	16	.850	8.050	.697	1.760	
8 X 2 1/2 C 15	8	2 1/2	2 1/2	.797	15	.962	9.082	.789	2.012	
8 X 2 1/2 C 14	8	2 1/2	2 1/2	.807	14	1.015	9.569	.832	2.171	
8 X 2 1/2 C 12	8	2 1/2	2 1/2	.884	12	1.461	13.624	1.194	3.406	
8 X 3 1/2 C 16	8	3 1/2	3 1/2	.778	16	.972	9.972	1.575	1.808	
8 X 3 1/2 C 14	8	3 1/2	3 1/2	.707	14	1.160	11.856	1.880	2.359	
8 X 3 1/2 C 12	8	3 1/2	3 1/2	.884	12	1.670	16.890	2.707	3.571	
10 X 3 1/2 C 12	10	3 1/2	3 1/2	.890	12	1.880	28.403	2.906	4.857	
12 X 3 1/2 C 12	12	3 1/2	3 1/2	.890	12	2.090	43.676	3.065	6.287	



DRAWING STATUS

FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
A	11-16-99	FOR PERMIT		ks

LITICORP LUSTEEL Buildings

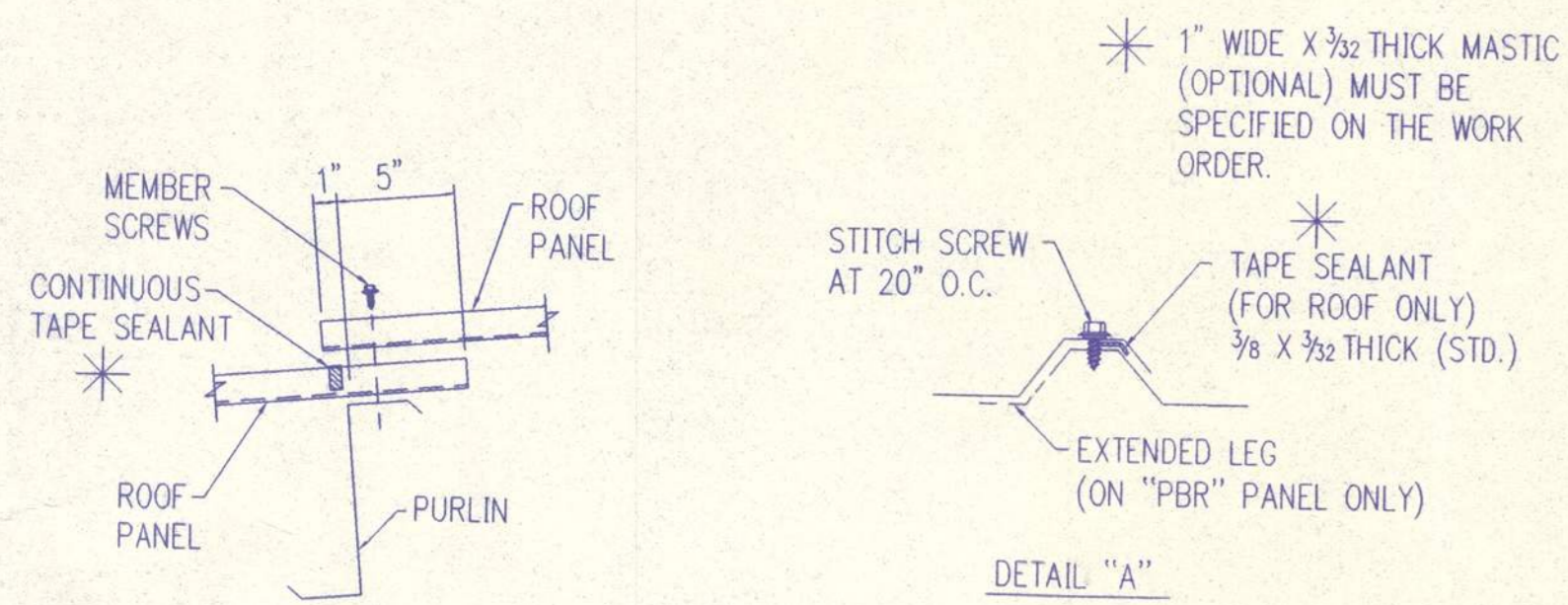
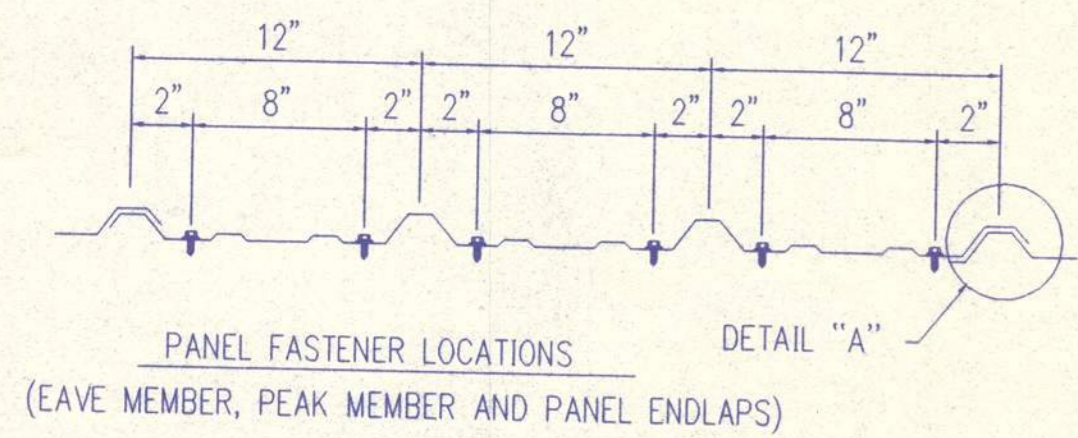
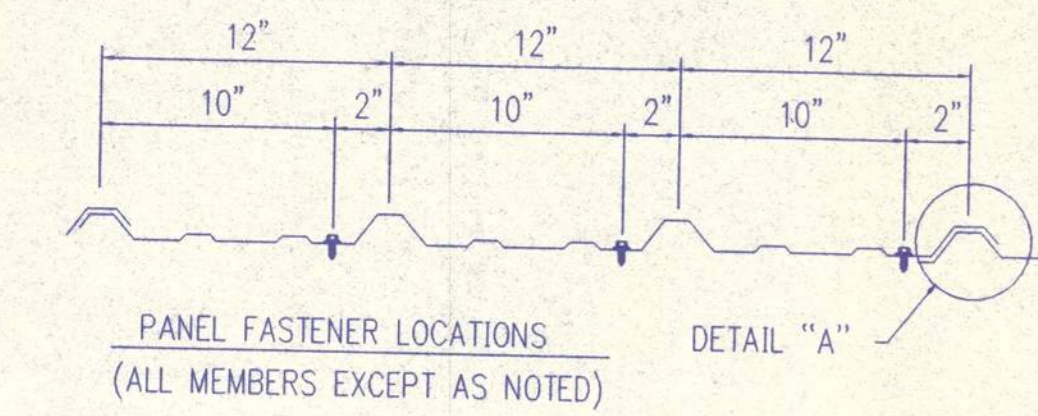
5113 PORTLAND ROAD N.E.
Salem, Oregon 97303
(800) 745-3406

DESCRIPTION: STANDARD SECTIONS
SIZE: SEE SHEET E1
CUSTOMER: FAMILIAN NORTHWEST
LOCATION: COPS BAY, OR

DRN. BY: CK'D BY: DATE: SCALE: NONE JOB NO: 0801-183342 PH: BLDG. DESC. (ALPHA) SHEET NO. S1 OF 2 ISSUE: A

REGISTERED PROFESSIONAL ENGINEER
14841
OREGON
MARCH 27, 1988
WERRY H. WILLIAMS
EXPIRES 6-30-2000

9/15/99

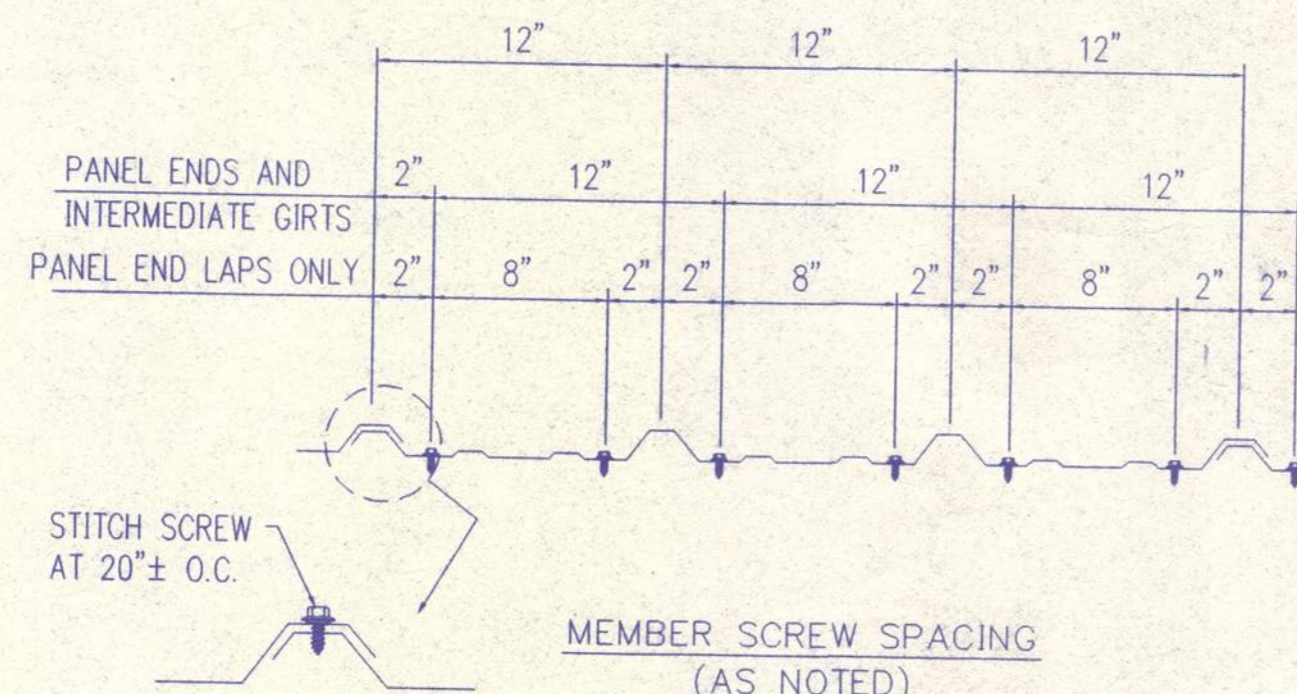
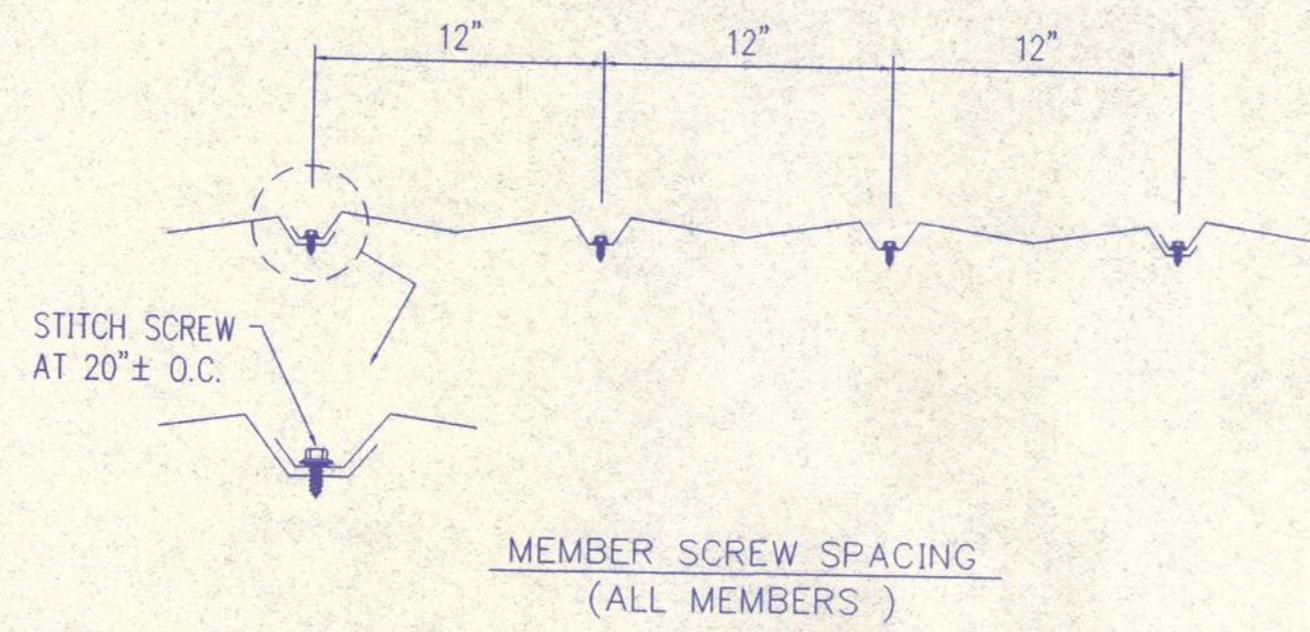


SECTION THRU PANEL ENDLAPS AND PEAK PURLIN

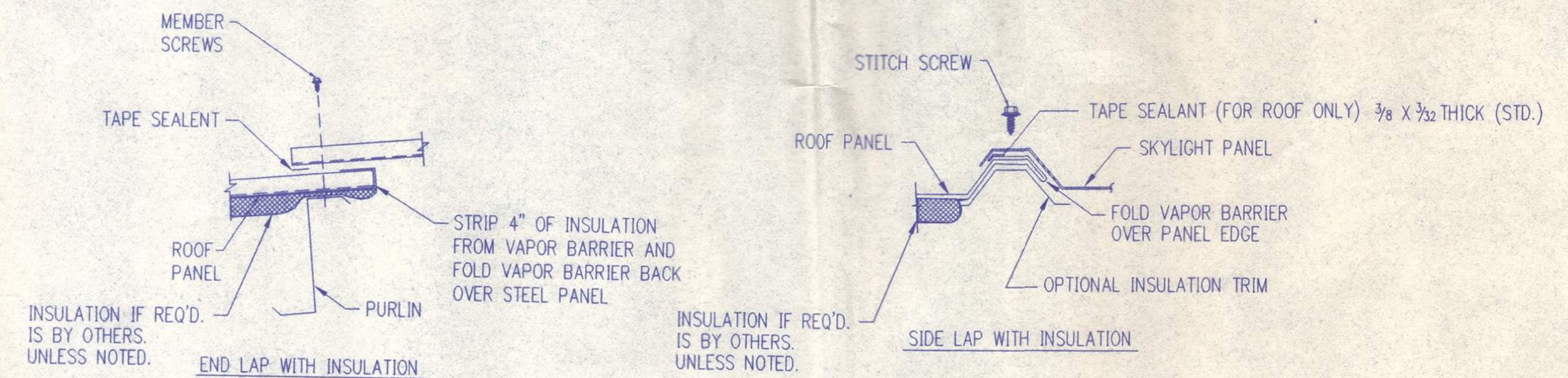
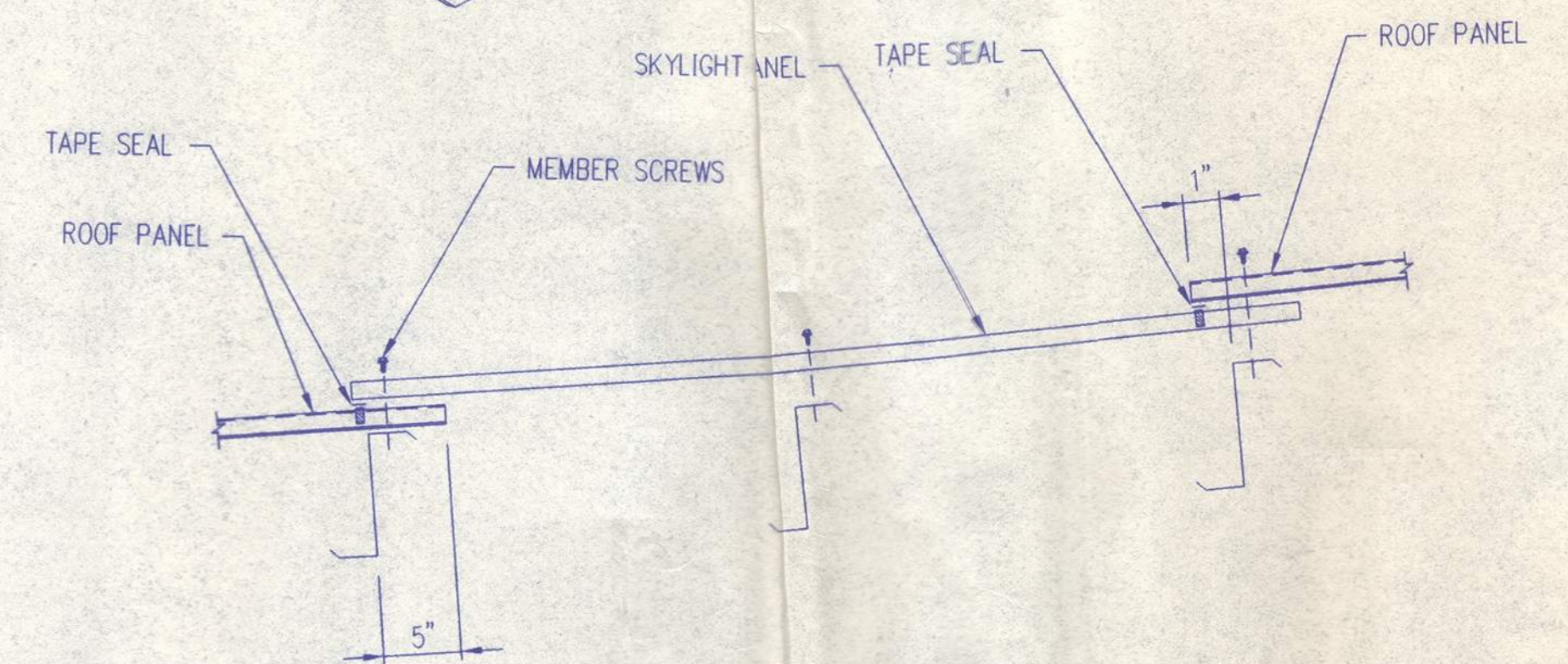
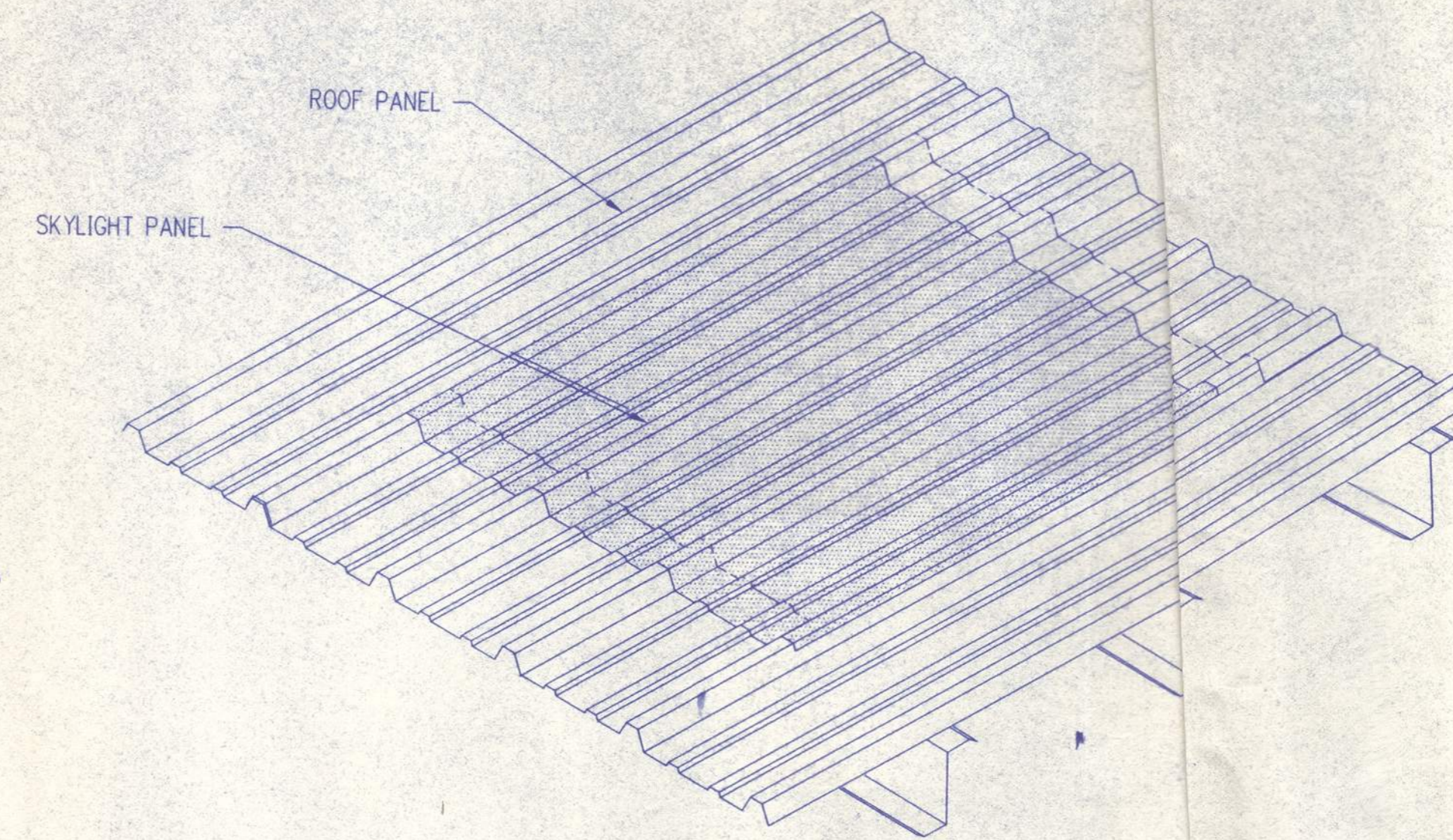
"PBR" & "R" PANEL AT ROOF

"PBR" & "R" PANEL AT ROOF
SCREW SPACING

NOTE:
SCREW PATTERNS SHOWN
SATISFY UL90 REQUIREMENTS
FOR ROOF.



"A" & "R" PANEL
SCREW SPACING



"R" TRANSLUCENT ROOF PANELS

SECTION 3: BASIC MATERIAL SPECIFICATIONS

3.3 ROOF AND WALL PANEL MATERIAL

3.3.1 Panel material as specified shall be 26 gauge galvanized steel, coating designation G-90, or galvalume AZ55 as manufactured by Bethlehem Steel Corporation, or equal, conforming to the requirements of ASTM A-792 Grade E or Grade D. Minimum yield stress shall be 80,000 psi for Grade E and 50,000 psi. for Grade D.

3.3.2 Panel material as specified shall be 24 gauge galvanized steel, coating designation G-90 or galvalume AZ55, conforming to the requirements of ASTM A792 Grade D or Grade E. Minimum yield stress shall be 50,000 psi.

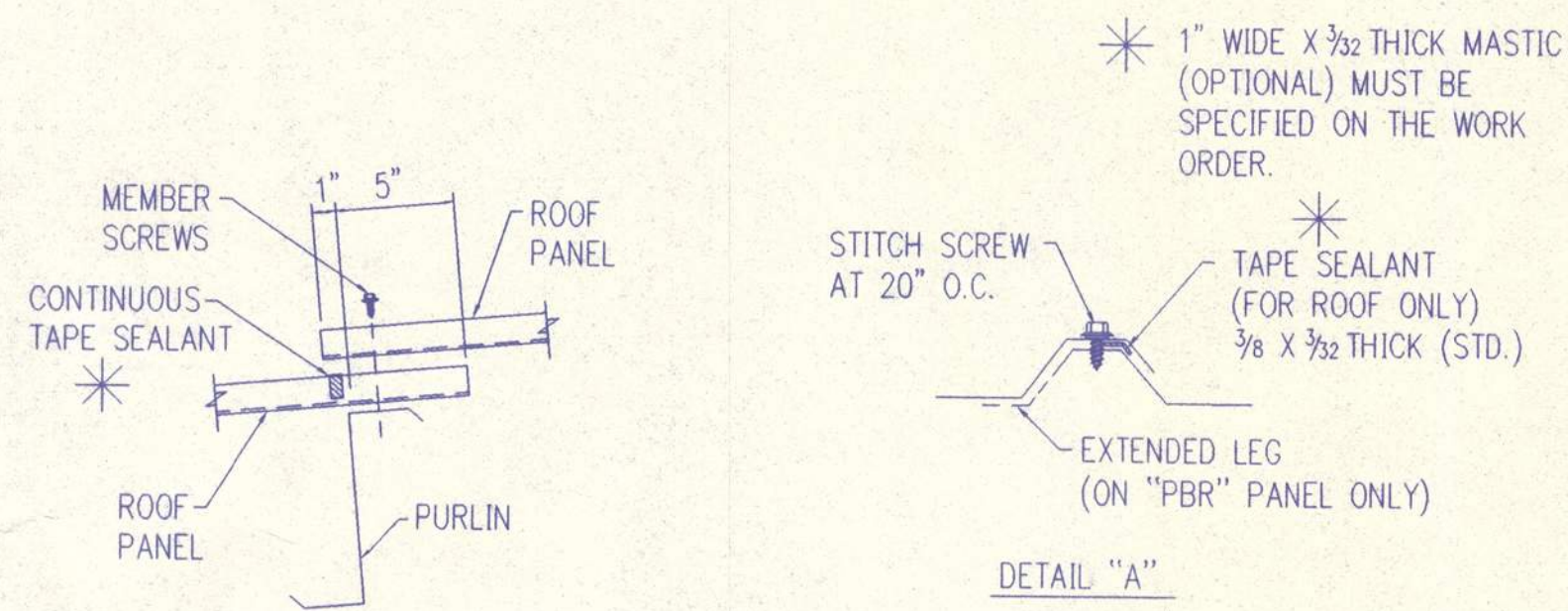
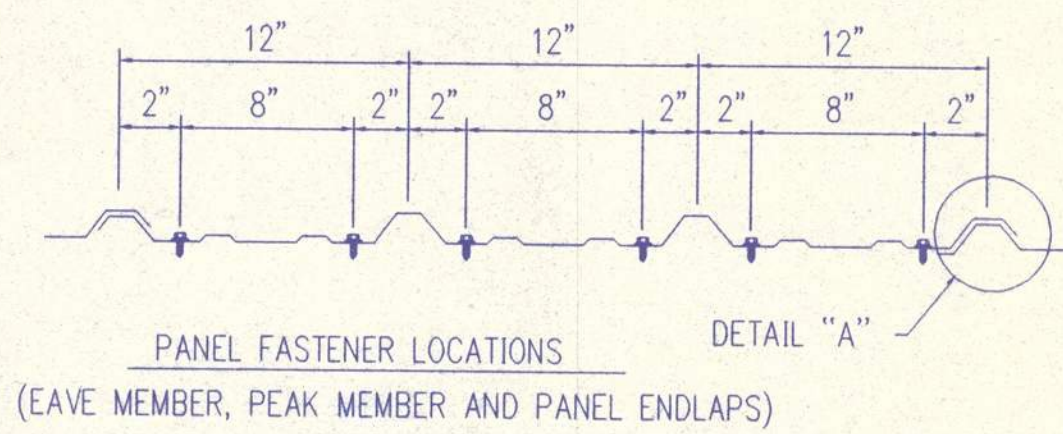
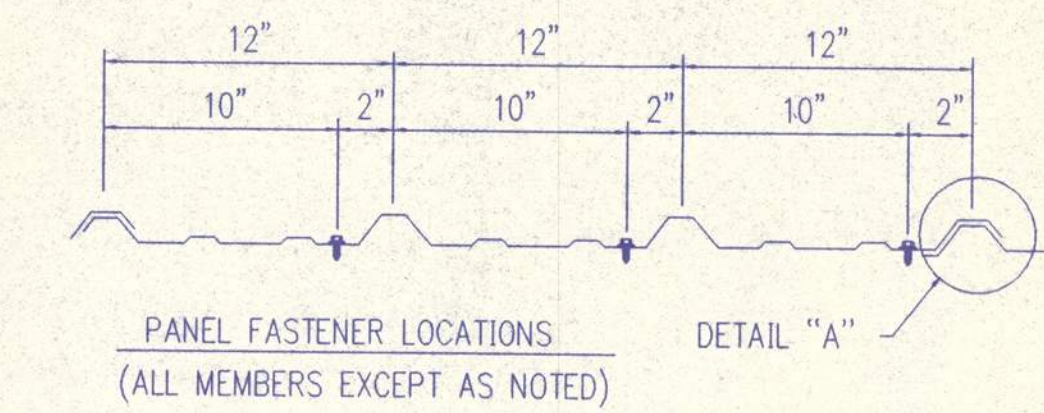
Cable Bracing - Extra High Strength Strand per ASTM A475.
Rod or angle bracing conforms to ASTM A36.

CONNECTION BOLTS:

All A-325 Except Purlins, Girts, Eave Struts and Flange Braces which are A-307

DRAWING STATUS				REVISIONS				DRAWING NO.		PROJECT	
NO.	DATE	DESCRIPTION	BY	CK'D	NO.	DATE	DESCRIPTION	NO.	DATE		
1	11-16-19	FEL PERMIT		RS							
<input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.								LJICORP STEEL Buildings		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
<input checked="" type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.								DESCRIPTION: STANDARD SECTIONS SIZE: SEE SHEET E1		SHEET NO. 2 OF 2 ISSUE A	
<input type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.								CUSTOMER:		SHEET NO. 2 OF 2 ISSUE A	
								LOCATION:		JOB NO. 0801-183342 PH BLDG. DESC. (APRA)	
								DRN. BY:		SCALE: NONE	
								CK'D BY:		DATE:	



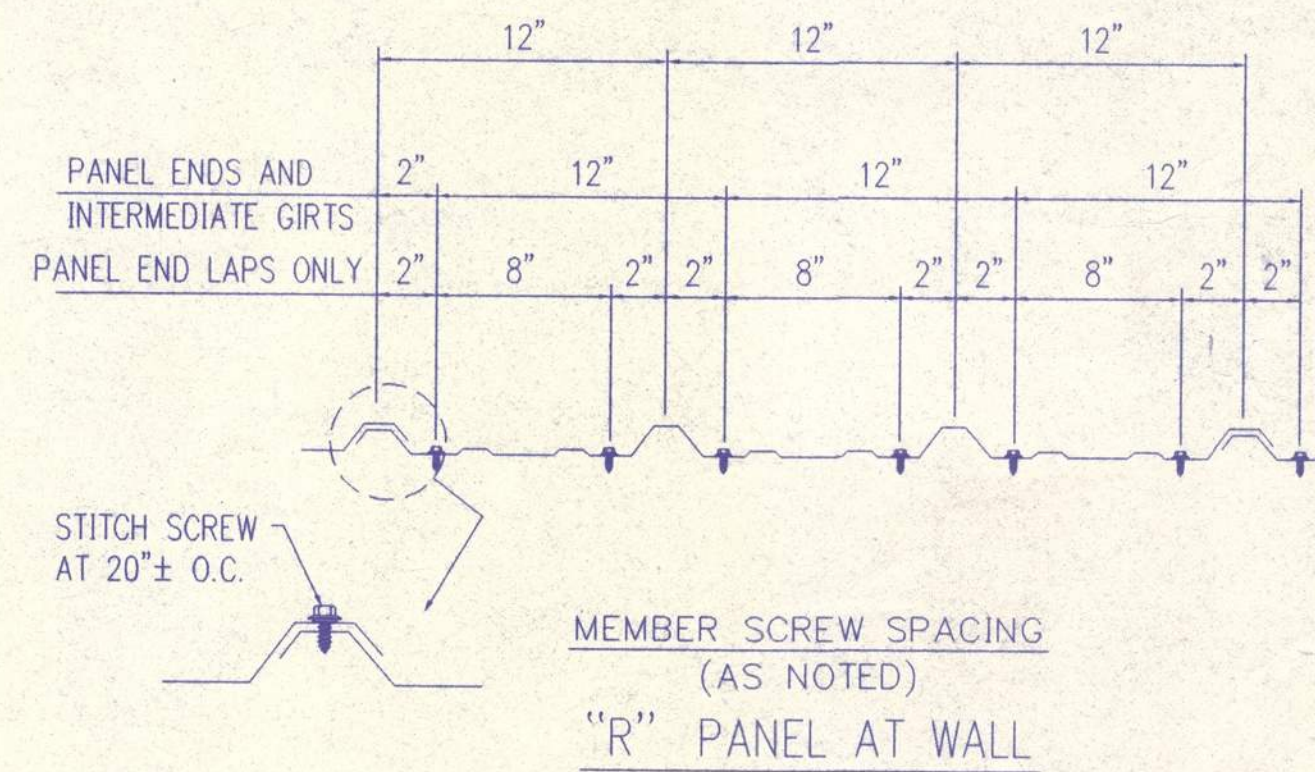
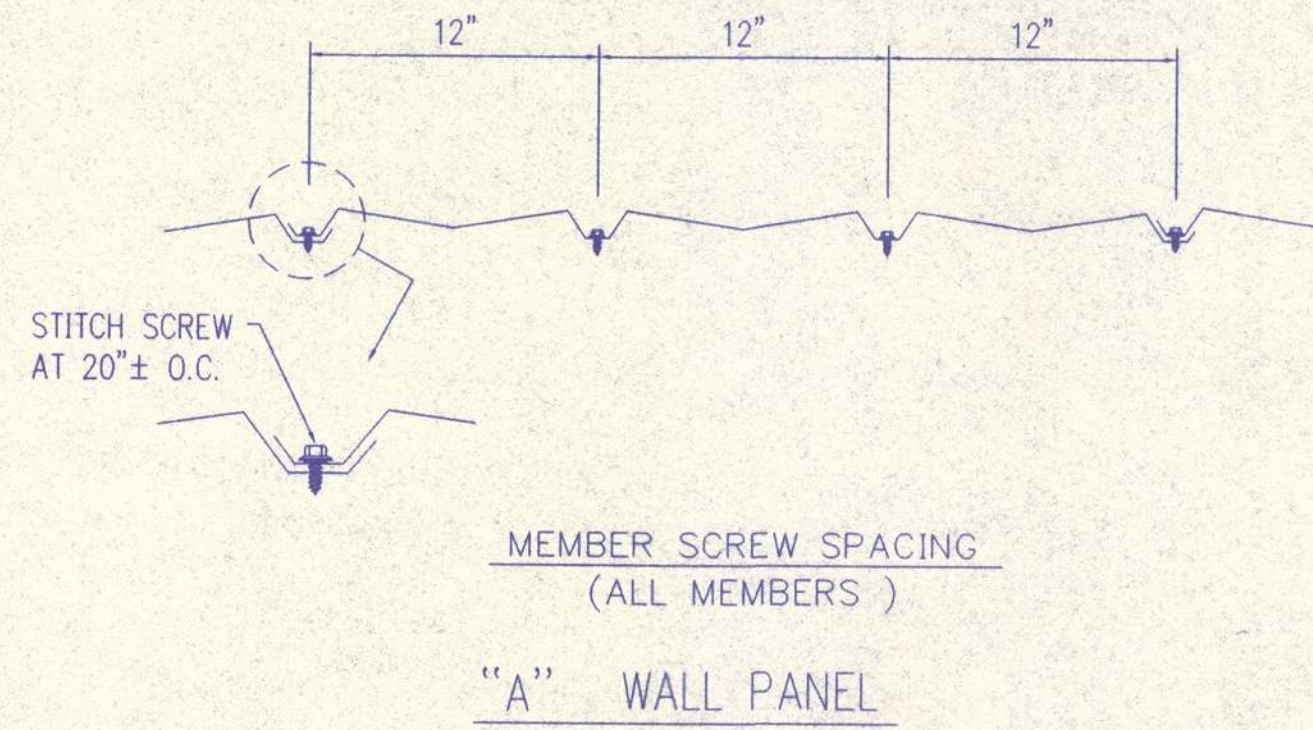


SECTION THRU PANEL ENDLAPS AND PEAK PURLIN

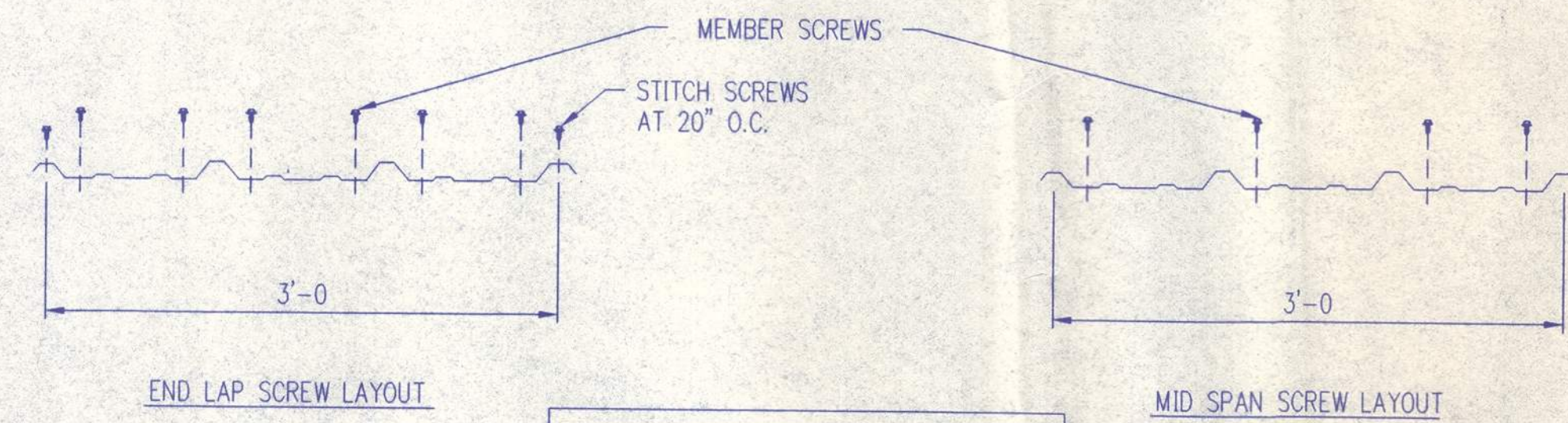
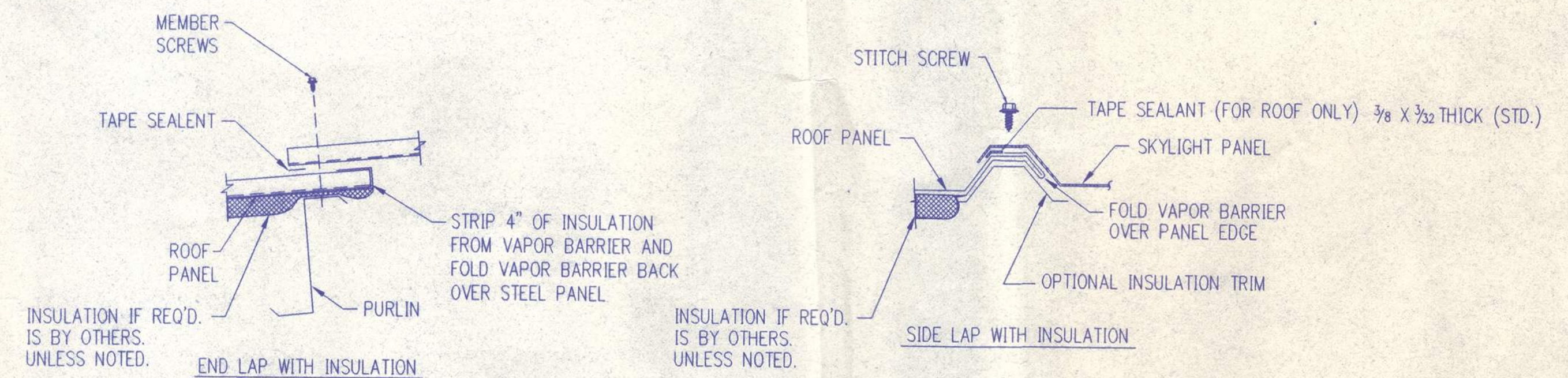
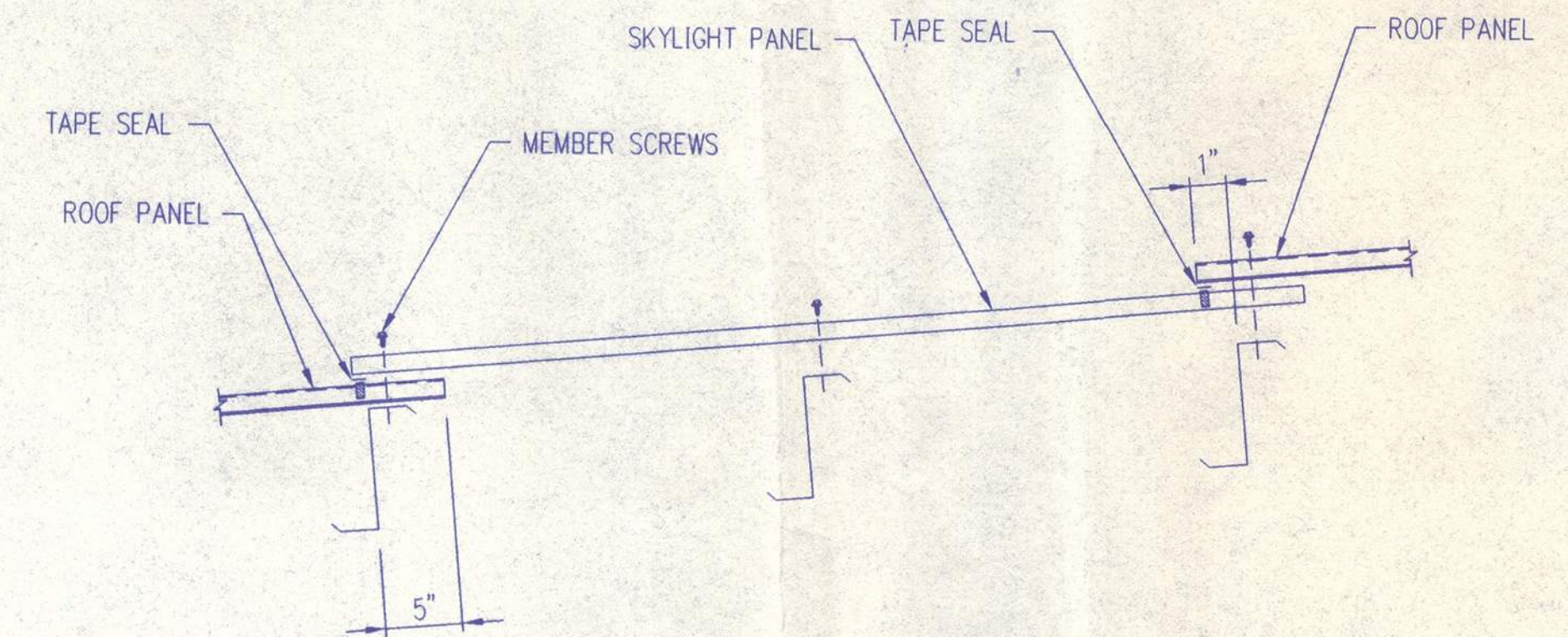
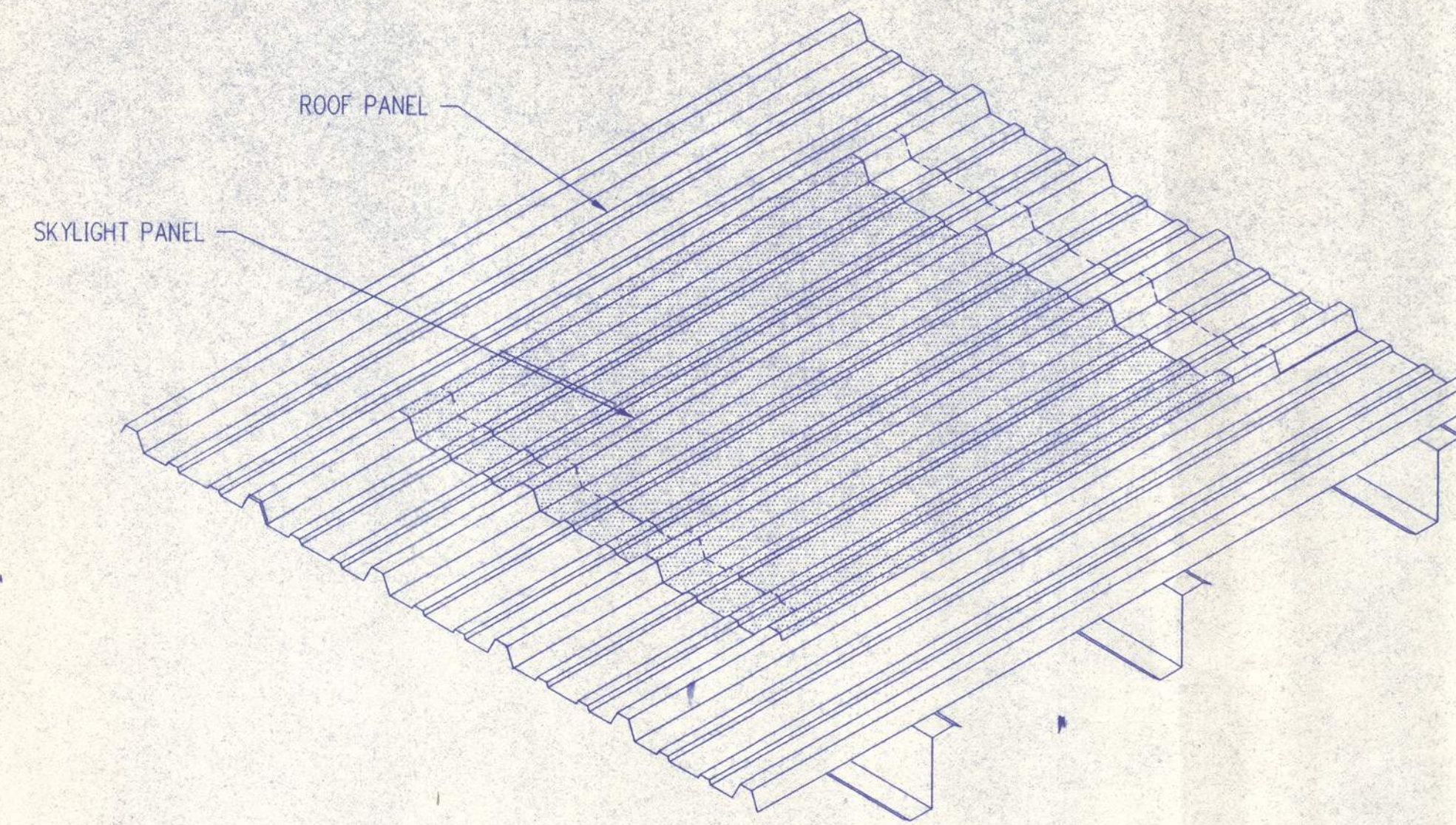
"PBR" & "R" PANEL AT ROOF

"PBR" & "R" PANEL AT ROOF
SCREW SPACING

NOTE:
SCREW PATTERNS SHOWN
SATISFY UL90 REQUIREMENTS
FOR ROOF.



"A" & "R" PANEL
SCREW SPACING



SECTION 3: BASIC MATERIAL SPECIFICATIONS

3.3 ROOF AND WALL PANEL MATERIAL

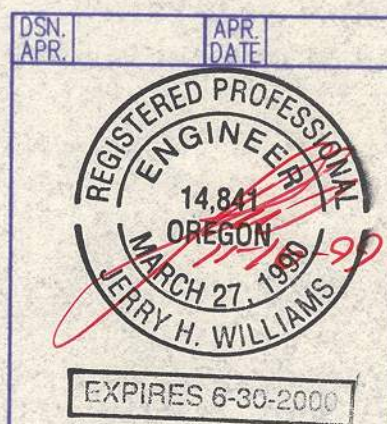
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3.3.2 Panel material as specified shall be 24 gauge galvanized steel, coating designation G-90 or galvalume AZ55, conforming to the requirements of ASTM A792 Grade D or Grade E. Minimum yield stress shall be 50,000 psi.

Cable Bracing - Extra High Strength Strand per ASTM A475.
Rod or angle bracing conforms to ASTM A36.

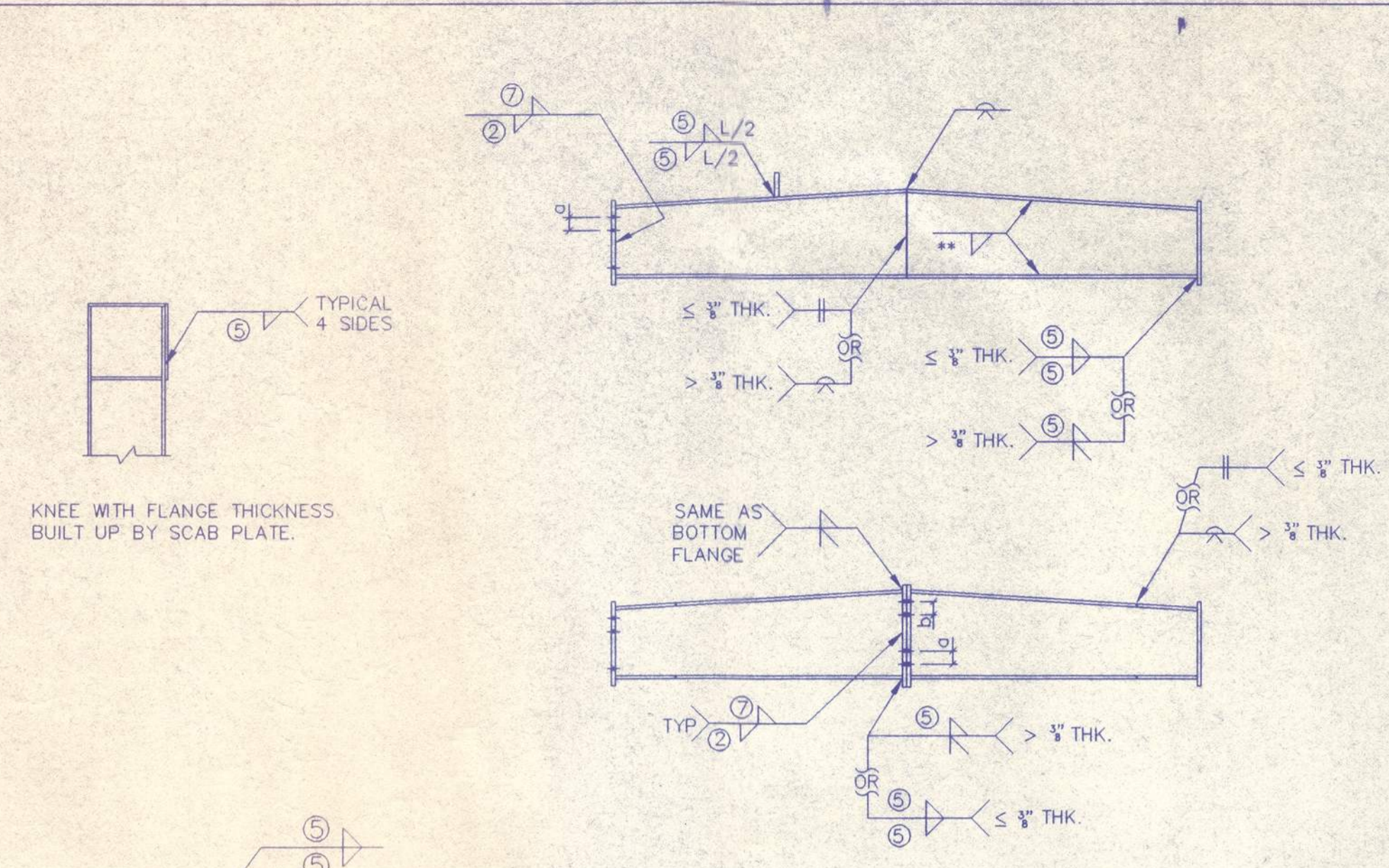
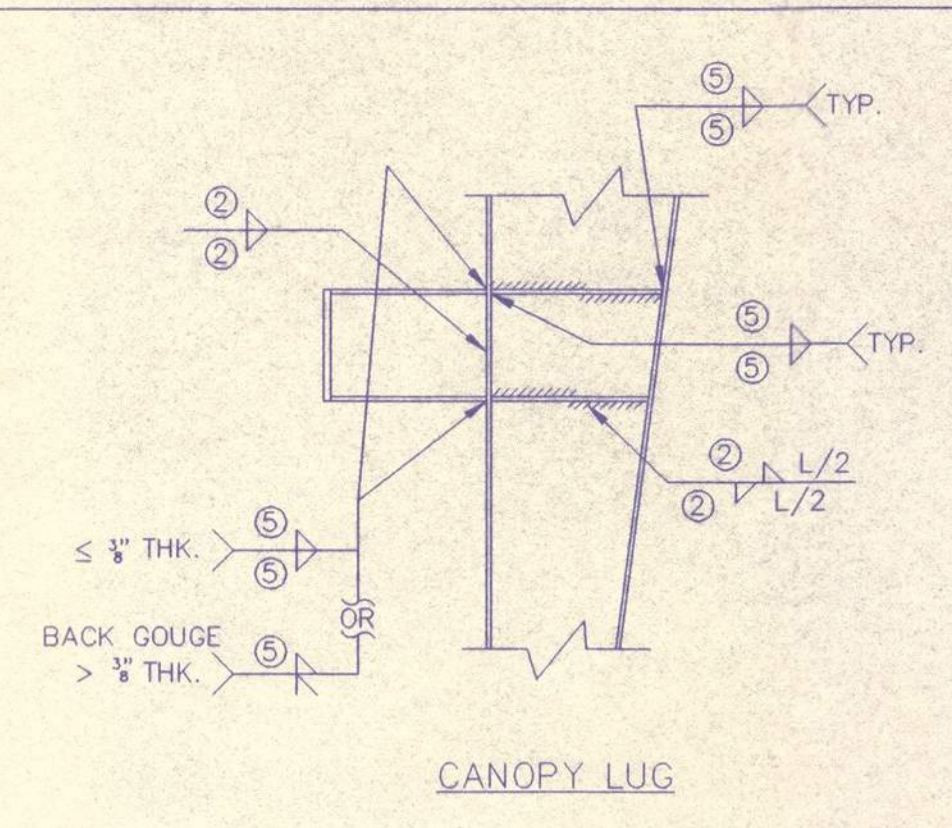
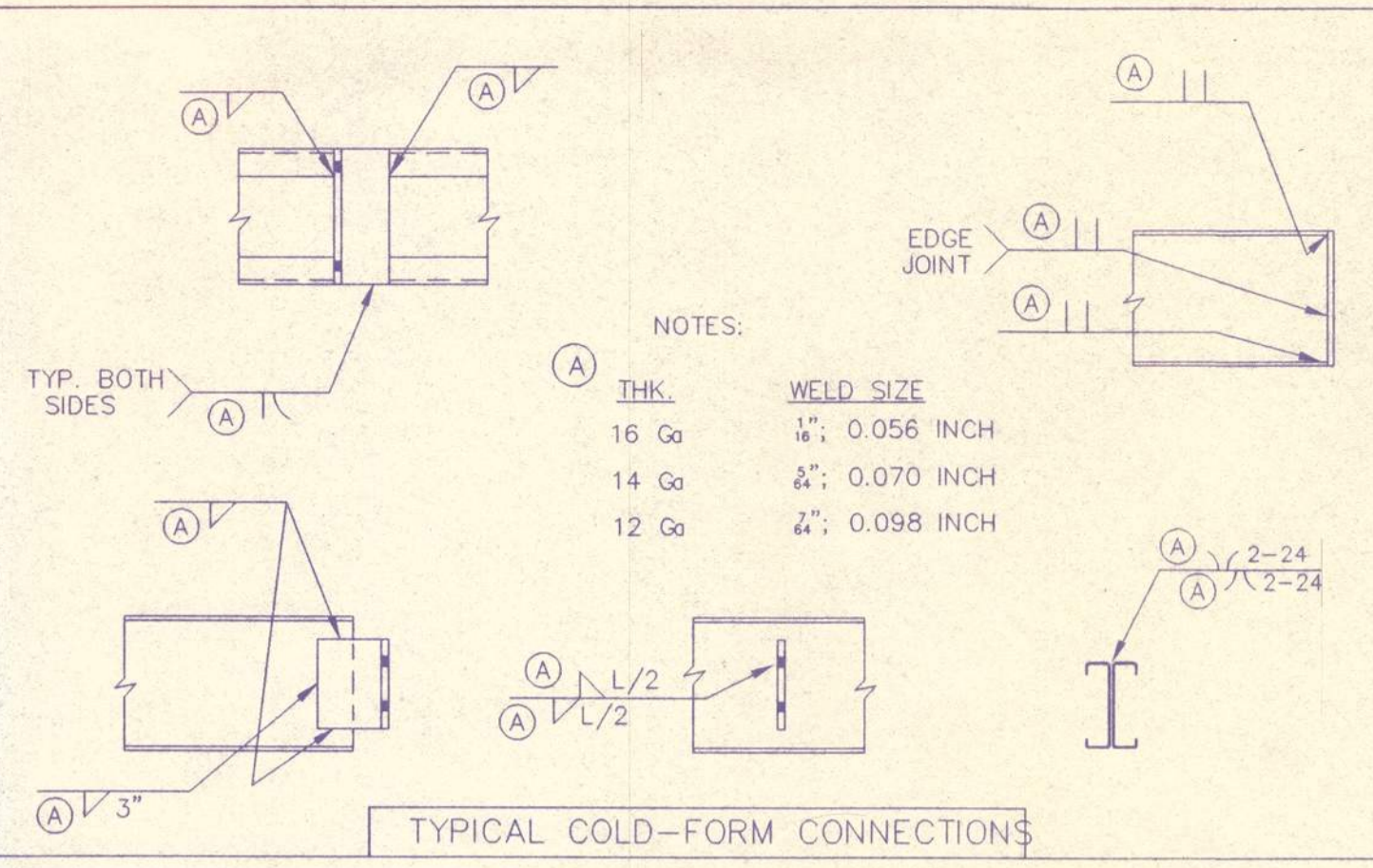
CONNECTION BOLTS:

All A-325 Except Purlins, Girts, Eave Struts and Flange Braces which are A-307



DRAWING STATUS		REVISIONS				LUSTEEL Buildings		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	DESCRIPTION	STANDARD SECTIONS	
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	11-16-99	FOR PERMIT		RS	SIZE	SEE SHEET E1	
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						CUSTOMER		
							LOCATION		
							DRN. BY	CK'D BY	
							DATE	SCALE	
							JOB NO.	PH	
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							SHEET NO.	ISSUE	
							S2 of 2	A	

9/15/99

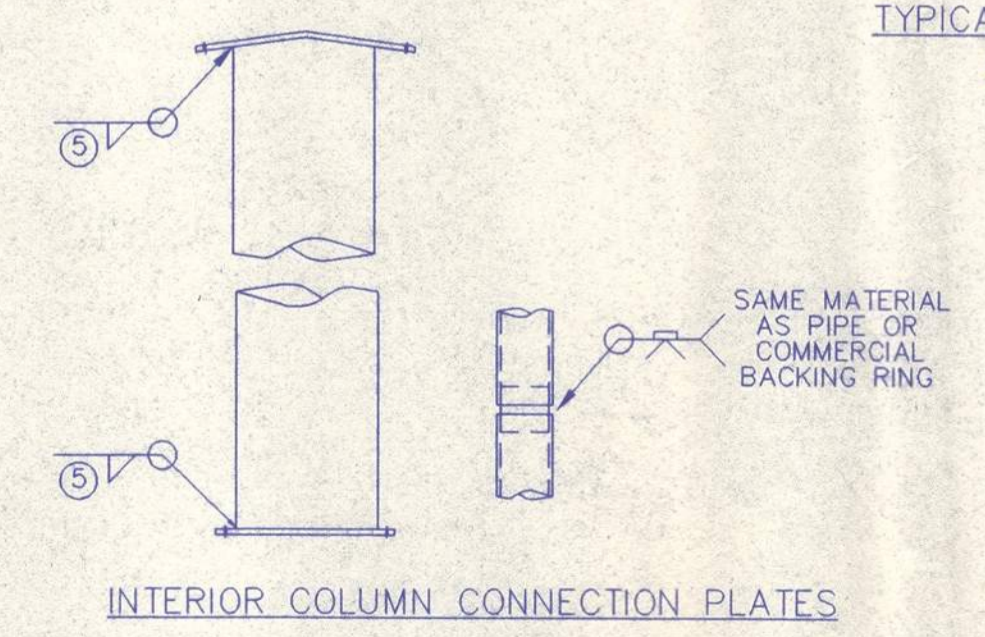
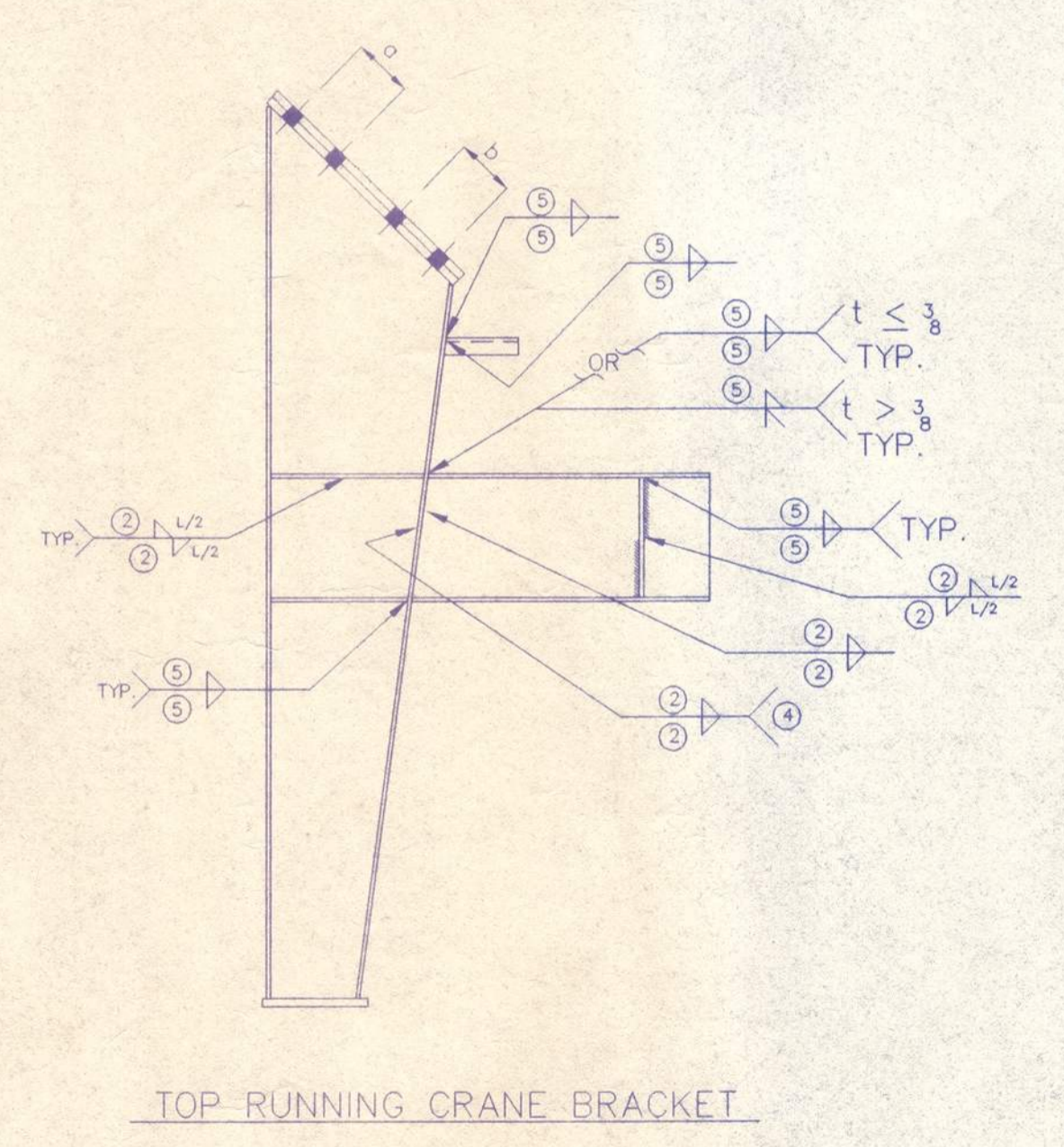
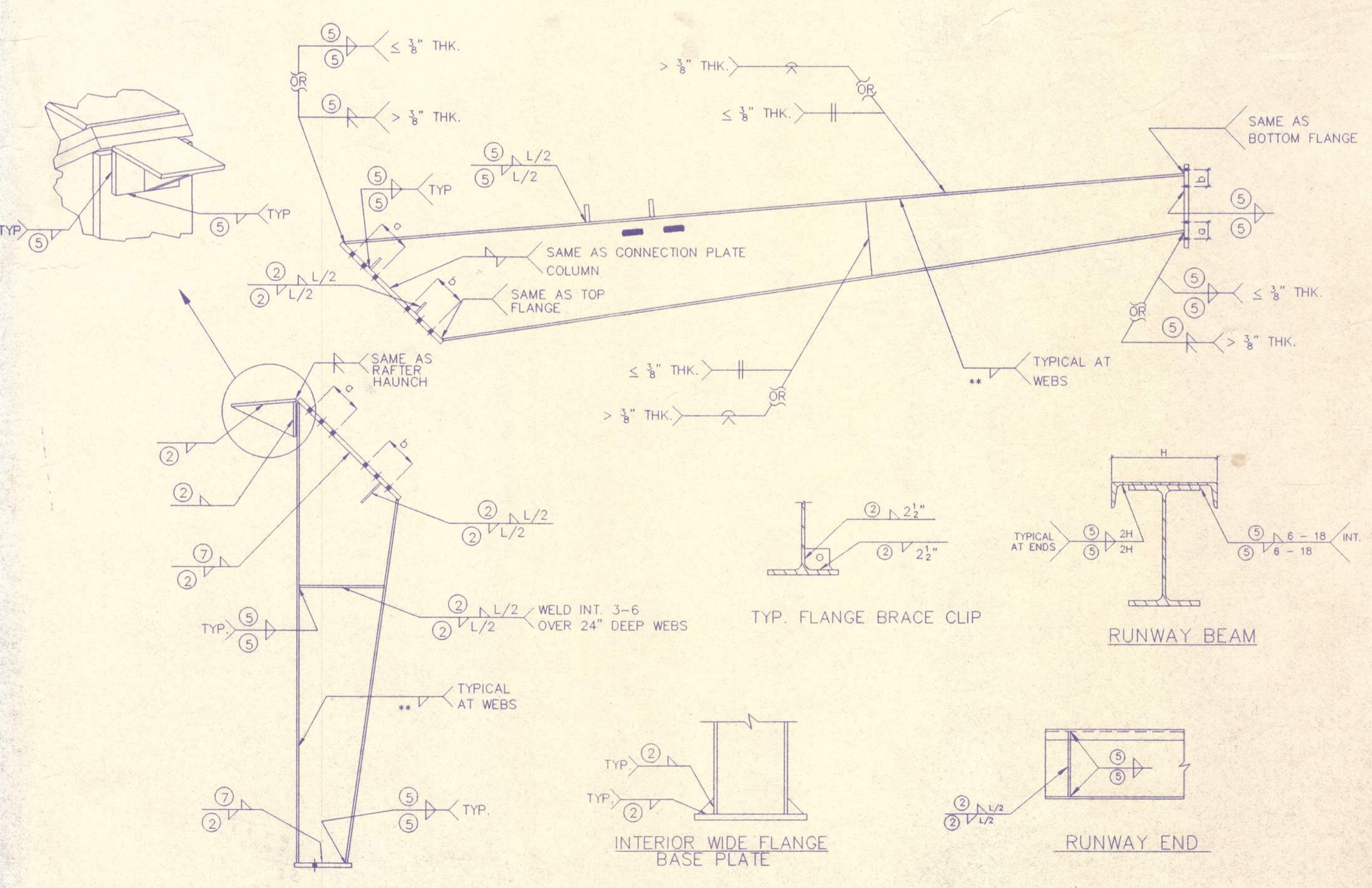
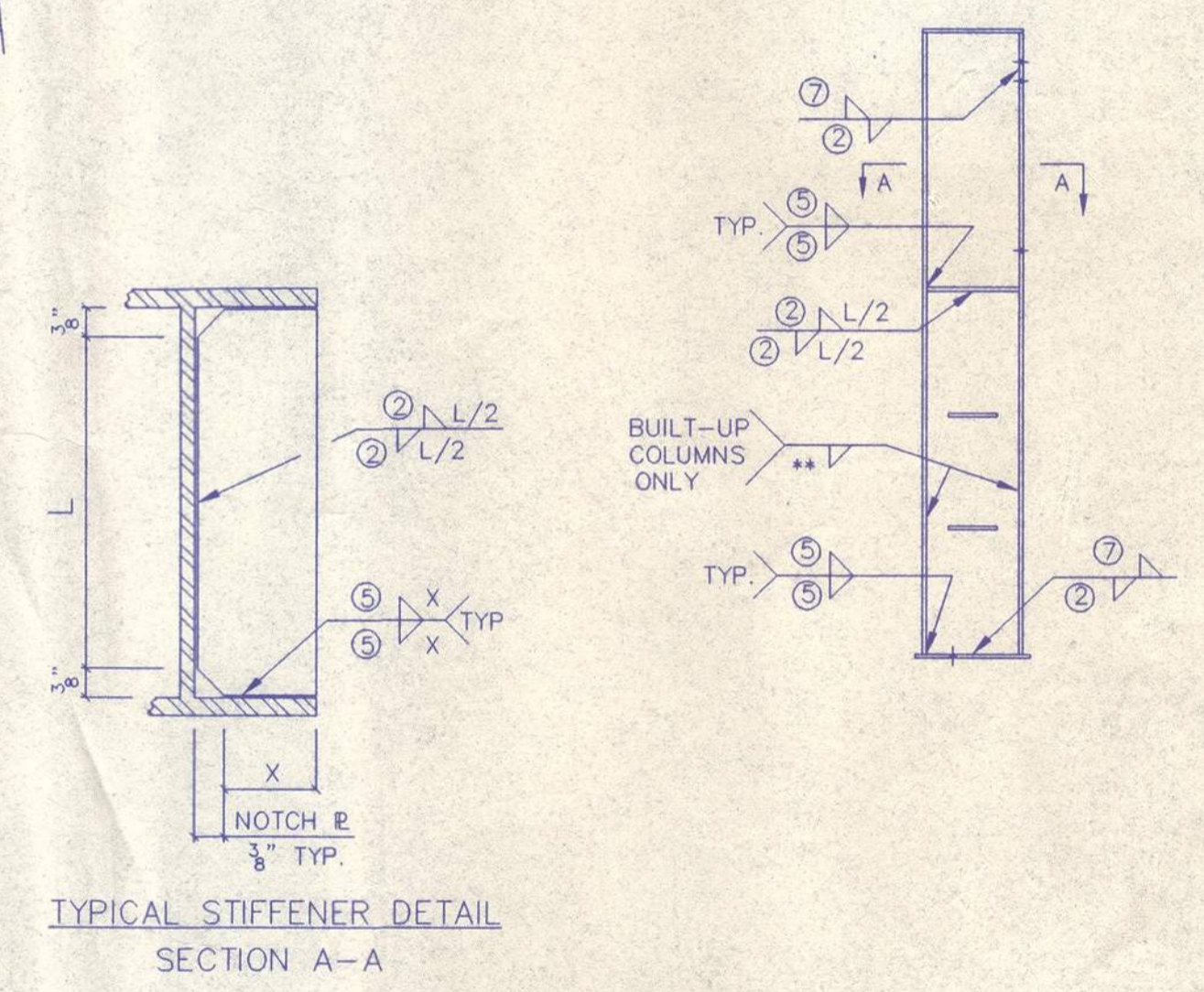
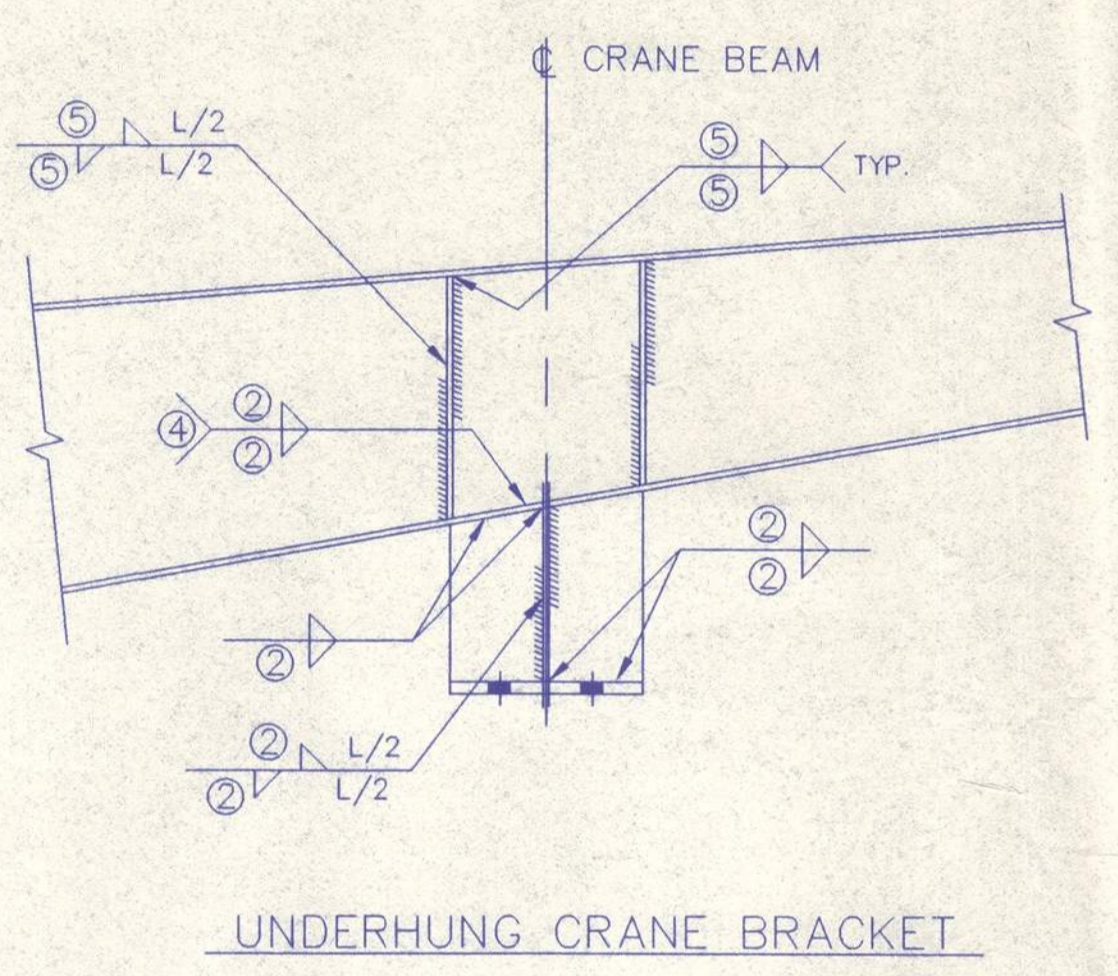
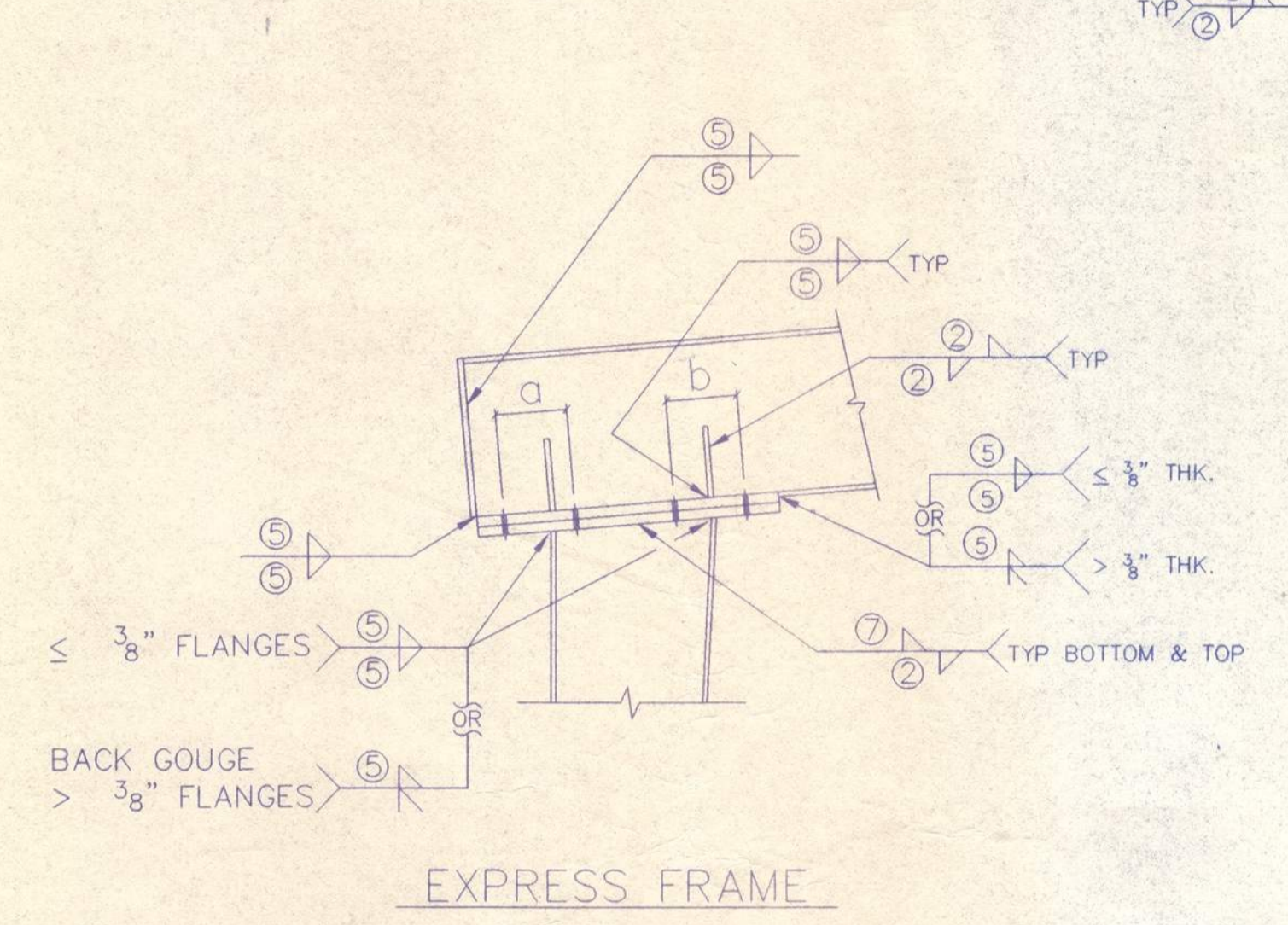
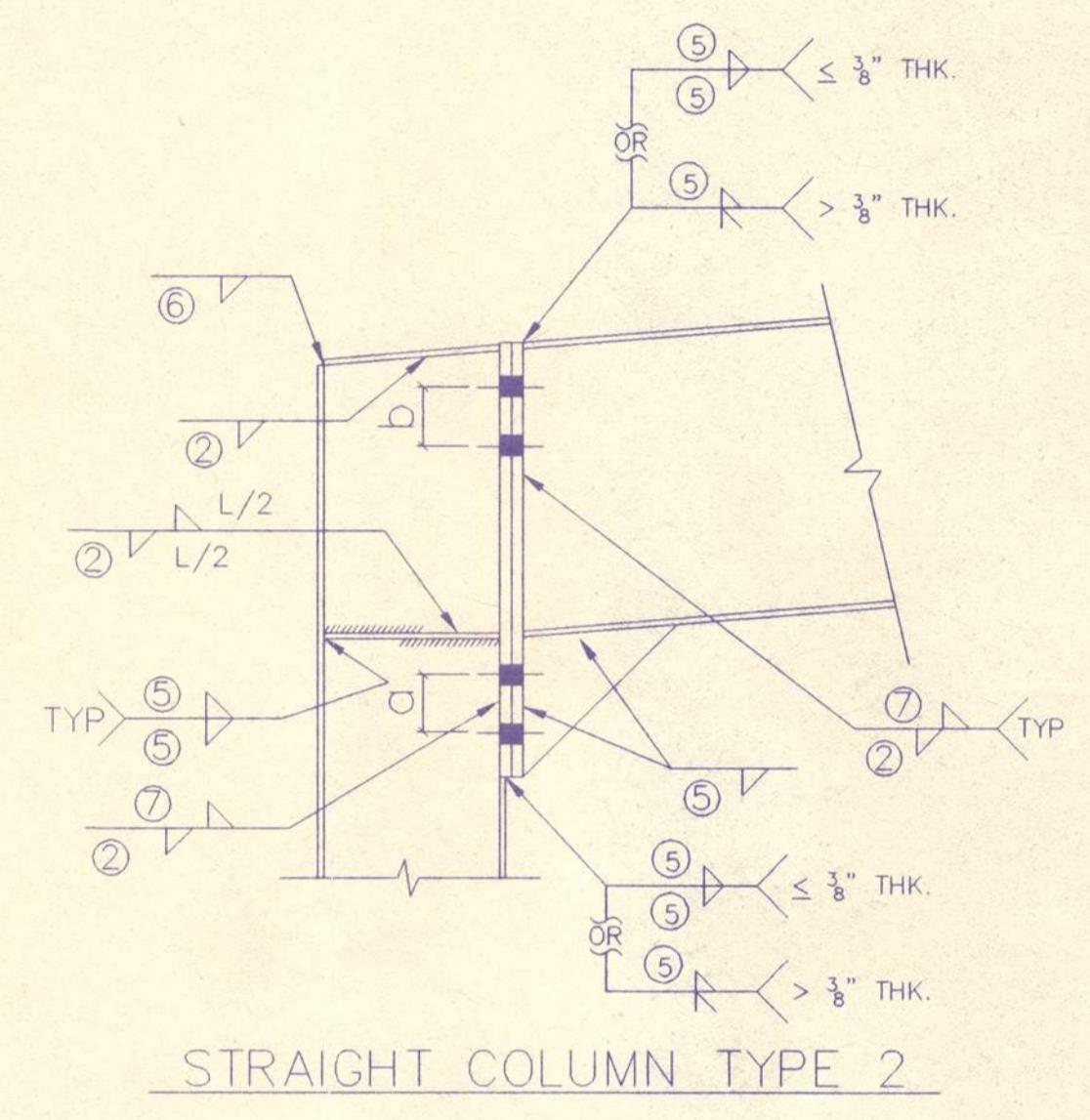
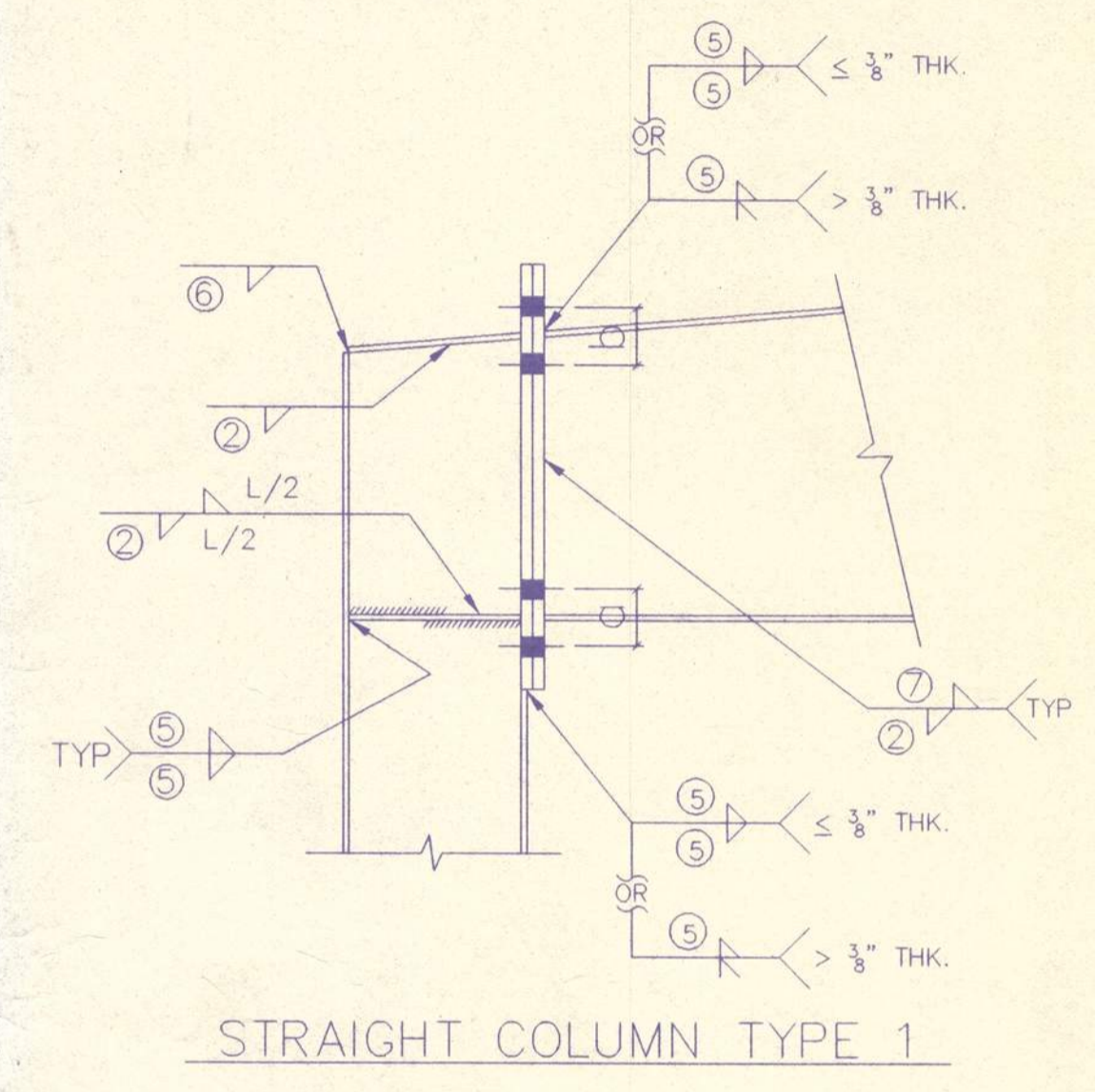


** NOTE: SIZES OF FILLET WELD FOR WEB TO FLANGE WELD.

WEB THICKNESS	FLANGE THICKNESS		
	3/16"	1/4" TO 1/2"	OVER 1/2"
10 GA. & 3/16"	3/8"	SEE NOTE 2	SEE NOTE 2
1/4"	SEE NOTE 1	3/16"	SEE NOTE 2
5/16"	1/2"	5/16"	SEE NOTE 2
3/8"	SEE NOTE 1	5/16"	SEE NOTE 2
OVER 3/8"	SEE NOTE 1	SEE NOTE 3	SEE NOTE 2

- NOTES:
- 3/16" FLANGES ARE NOT TO BE USED FOR WEB THICKNESS OF 1/4" OR OVER UNLESS SPECIFIED BY ENGINEERING.
 - WELD SIZE EQUALS TO THICKNESS OF WEB OR SEE NOTE 5.
 - FOR WEB THICKNESS OVER 3/8" ALL FILLET SIZES ARE TO BE SPECIFIED BY ENGINEERING.
 - WELD BOTH SIDES OF WEB TO FLANGE 3" BEYOND BOTH ENDS OF BRACKET.
 - FLANGE TO FLANGE OR FLANGE TO CONNECTION PLATE WELD SIZES ARE DETERMINED BY THE FOLLOWING CRITERIA:

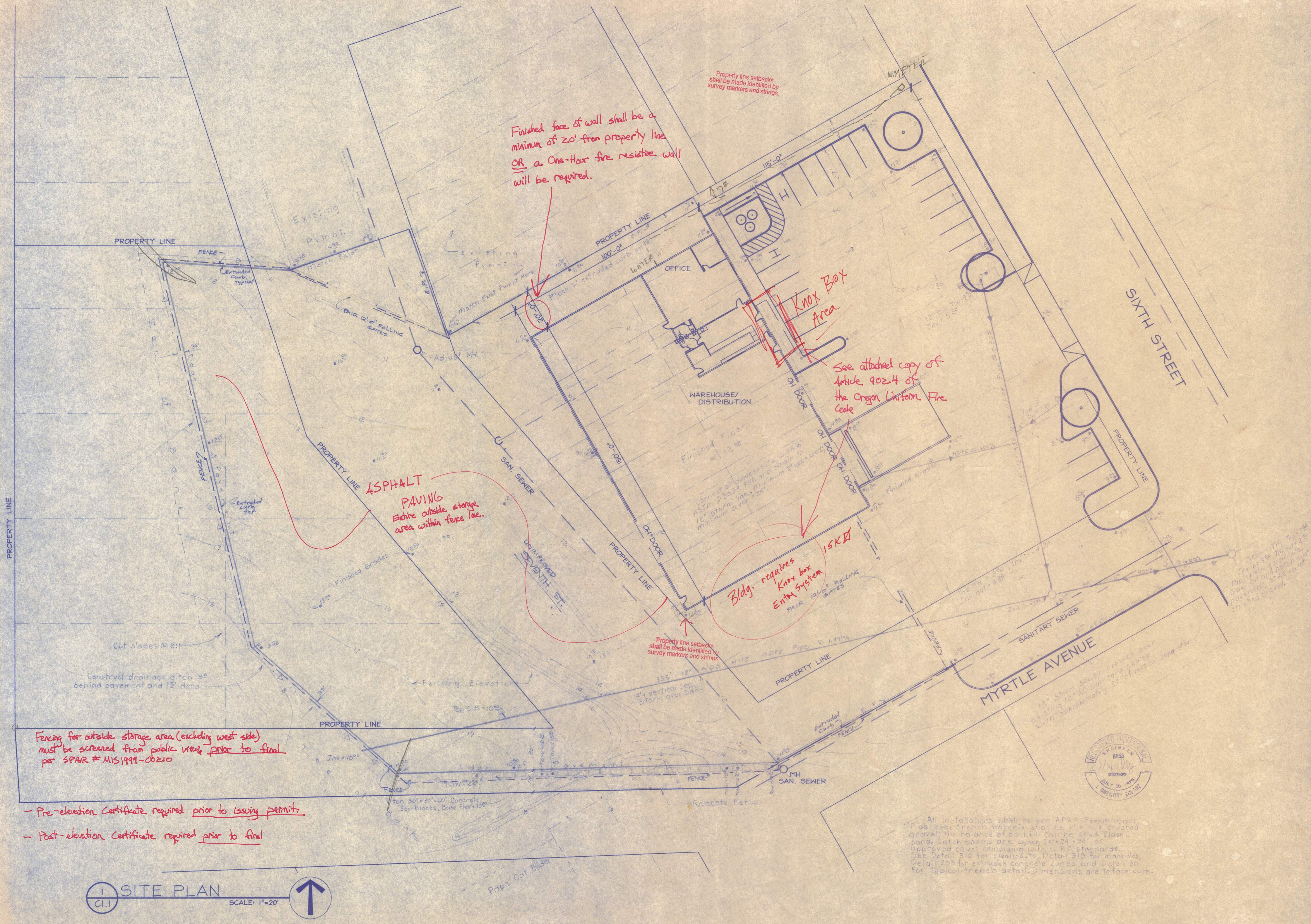
$t_f \leq 3/8"$	3/16" FILLET
$3/8" < t_f \leq 3/4"$	WITH 1/4" FILLET
$t_f > 3/4"$	WITH 5/16" FILLET
 - WELD NEED NOT EXCEED THICKNESS OF THINNER PART JOINED.
 - WELD SIZE IS TO BE 1/16" LESS THAN THICKER PLATE, BUT NOT TO EXCEED THICKNESS OF THINNER PLATE. OPPOSITE SIDE WELD LENGTH TO BE a DIMENSION PLUS 3 INCHES, AND b DIMENSION PLUS 3 INCHES.



DRAWING STATUS		REVISIONS				LUMICORP STEEL Buildings		5113 PORTLAND ROAD N.E. Salem, Oregon 97303 (800) 745-3406	
<input type="checkbox"/>	FOR APPROVAL. THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	DESCRIPTION	STANDARD WELD DRAWING	SIZE
<input checked="" type="checkbox"/>	FOR PERMIT. THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	11-16-99	FOR PERMIT		LS	CUSTOMER	FAMILIANT NORTHWEST	SEE SHEET E1
<input type="checkbox"/>	FOR CONSTRUCTION. FINAL DRAWINGS.						LOCATION	COOS BAY, OR	DRN. BY
							SCALE	NONE	JOB NO.
							PH	BUDG. DESC. (ALPHA)	0801-153342
							SHEET NO.	W1 OF 1	ISSUE
									A



9/15/99



Fencing for outside storage area (excluding west side) must be screened from public view, prior to final per SPAR # MIS1991-0210

- Pre-elevation Certificate required prior to issuing permits.
- Post-elevation Certificate required prior to final

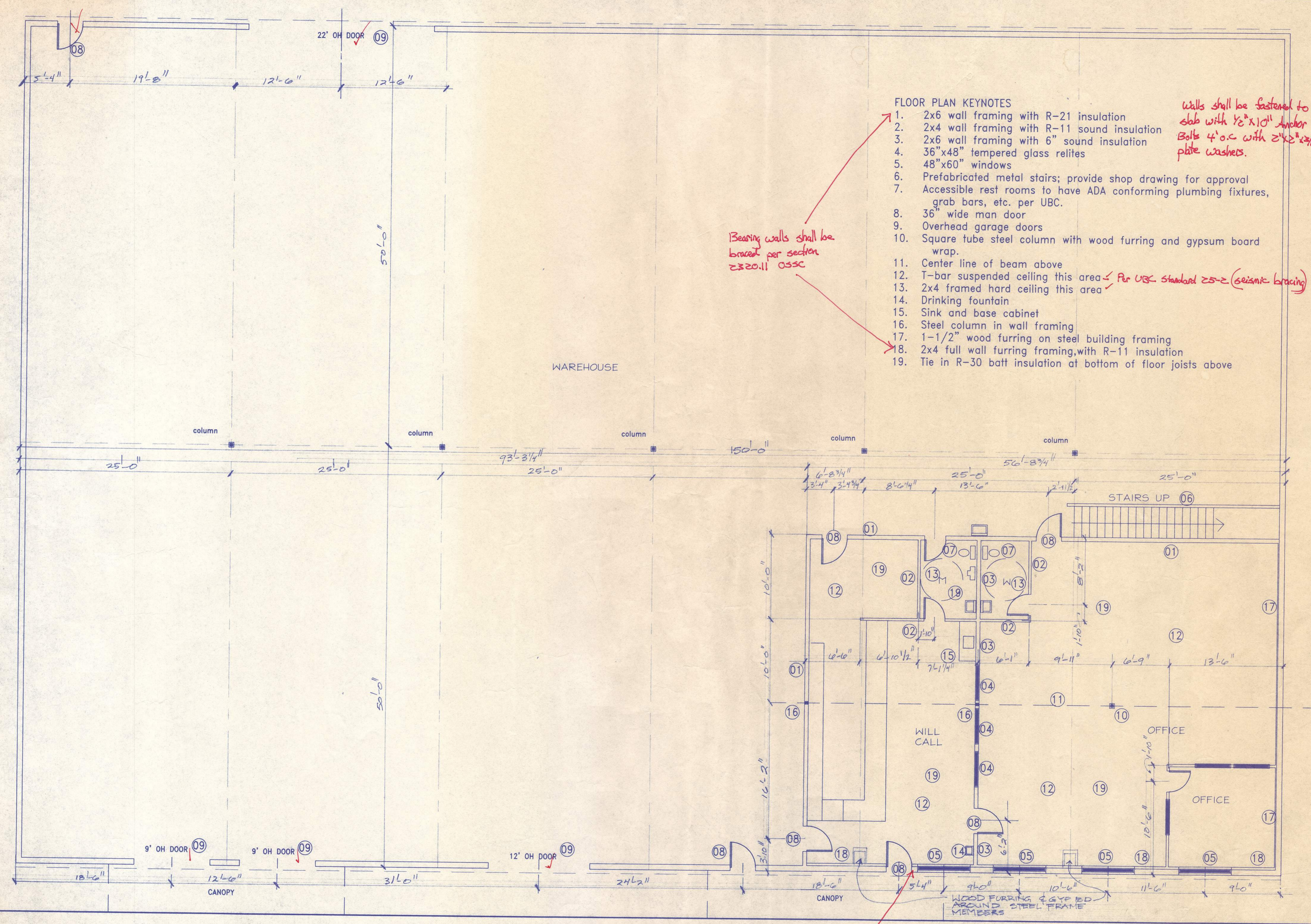
SITE PLAN
SCALE: 1"=20'

All installations shall be per APWA Specifications. Pipe zone trench material shall be 1/4" crushed gravel; the balance of backfill can be APWA Class D sand. Catch basins are Lynch 24" x 24" x 36" or approved equal complying with U.P.C. standards. See Detail 310 for cleanouts, Detail 315 for manholes, Detail 203 for extruded concrete curbs and Detail 301 for typical trench detail. Dimensions are to face curb.



DATES: 11/9/99

PLAN REVIEW	
ISSUE/BID	
CONST. SET	
REVISION	
REVISION	
REVISION	



- FLOOR PLAN KEYNOTES**
- 2x6 wall framing with R-21 insulation
 - 2x4 wall framing with R-11 sound insulation
 - 2x6 wall framing with 6" sound insulation
 - 36"x48" tempered glass relites
 - 48"x60" windows
 - Prefabricated metal stairs; provide shop drawing for approval
 - Accessible rest rooms to have ADA conforming plumbing fixtures, grab bars, etc. per UBC.
 - 36" wide man door
 - Overhead garage doors
 - Square tube steel column with wood furring and gypsum board wrap.
 - Center line of beam above
 - T-bar suspended ceiling this area *Per UBC standard 25-2 (seismic bracing)*
 - 2x4 framed hard ceiling this area
 - Drinking fountain
 - Sink and base cabinet
 - Steel column in wall framing
 - 1-1/2" wood furring on steel building framing
 - 2x4 full wall furring framing, with R-11 insulation
 - Tie in R-30 batt insulation at bottom of floor joists above

Walls shall be fastened to slab with 1/2"x10" anchor bolts 4' o.c. with 2"x2"x3/16" plate washers.

Bearing walls shall be braced per section 2320.11 OSSC

Windows within 24" of door are required to be tempered.

1 FLOOR PLAN
AI.1
SCALE: 3/16" = 1'-0"
→



FOOTING SCHEDULE

MARK	QUANTITY	SIZE	REINFORCING	ELEV. TOP
F1	5	2'-0" x 3'-0" x 2'-0"	6 - #4 EACH WAY (TOP) 5 - #4 EACH WAY (BOT)	11.00'
F2	1	6'-8" x 6'-8" x 1'-6"	4 - #4 EACH WAY (TOP) 1 - #4 EACH WAY (BOT)	10.50'
F3	2	6'-8" x 6'-8" x 1'-0"	7 - #4 EACH WAY	11.00'
F4	1	5'-4" x 6'-8" x 1'-0"	5 - #4 LONG 7 - #4 SHORT	7.00'
F5	9	4'-0" x 6'-8" x 1'-6"	#4 @ 16" O.C. EA. WAY (TOP) #4 EA. WAY, 7 SRT/5 LNS	10.50'
F6	8	4'-0" x 6'-8" x 1'-0"	5 - #4 LONG 7 - #4 SHORT	10.50'
F7	4	4'-0" x 4'-0" x 1'-0"	5 - #4 EACH WAY	10.50'

PIER SCHEDULE

MARK	SIZE	DOWELS	TIES
P1	20' x 20' x 18'	4 - #6 (22 $\frac{L}{d}$)	5 - #3 (2 @ 3', 2 @ 6')
P2	20' x 24' x 18'	4 - #6 (20 $\frac{L}{d}$)	6 - #3 (2 @ 3', 3 @ 6')
P3	24' x 24' x 12'	4 - #6 (20 $\frac{L}{d}$)	5 - #4 (2 @ 4', 2 @ 6')
P4	16' x 20' x 60'	4 - #6 (64 $\frac{L}{d}$)	13 - #4 (2 @ 3', 10 @ 6')

CONTINUOUS FOOTING SCHEDULE

MARK	SIZE	EL. TOP	LONGITUDINAL	TRANSVERSE	DOWELS
A-A	12' x 12'	12.00'	2 - #5	NONE	NONE
B-B	18' x 12'	11.50'	2 - #5	NONE	NONE
C-C	24' x 12'	11.50'	3 - #5	#4 @ 36" O.C.	#4 @ 36" ($\frac{30}{d}$)
D-D	40' x 10'	7.00' STEPPED	2 - #4 (TOP) 4 - #4 (BOT)	#5 @ 32" O.C.	#5 @ 16" ($\frac{V}{L}$)

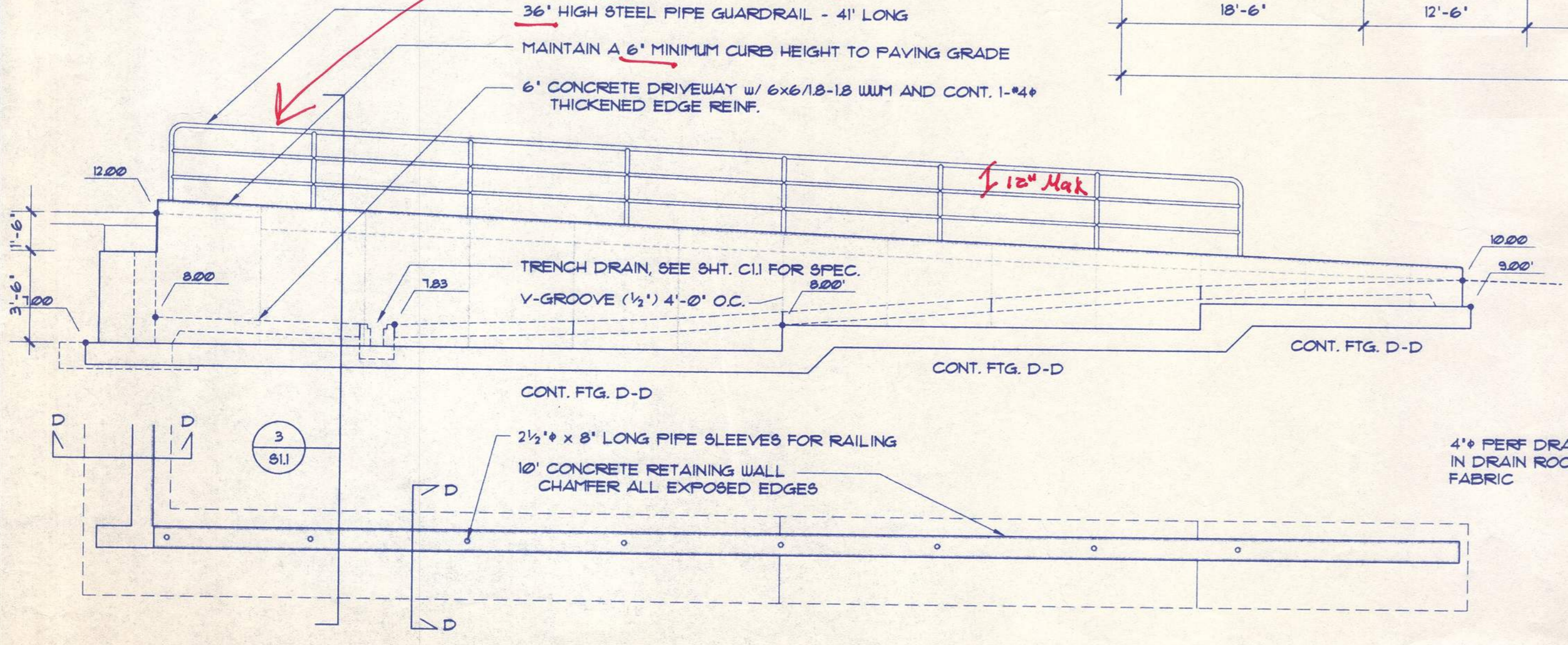
COLUMN ANCHOR SCHEDULE

COLUMNS	BEARING PLATES	ANCHOR BOLTS	A.B. SPACING
LINE 1, COR.	1' x 8' x 500'	2 - 3/4" x 16'	3 1/2' (2 1/2' PROJ.)
LINE 1, INT.	6' x 9' x 500'	4 - 3/4" x 16'	3 1/2' x 4' (2 1/2' PROJ.)
LINE 7, COR.	1' x 8' x 500'	2 - 3/4" x 16'	3 1/2' (2 1/2' PROJ.)
LINE 7, INT.	6' x 9' x 500'	4 - 3/4" x 16'	3 1/2' x 4' (2 1/2' PROJ.)
LINE 2-6, EXT.	6' x 10 1/2' x 500'	4 - 1" x 24'	3 1/2' x 4' (2 1/2' PROJ.)
LINE 2-6, INT.	12' x 12' x 500'	4 - 3/4" x 36'	9' x 9' (2 1/2' PROJ.)

A concrete encased grounding electrode rod shall be installed, per N.E.C. Article 250-81C.

Guardrail shall be a minimum of 42" high above adjacent grade.

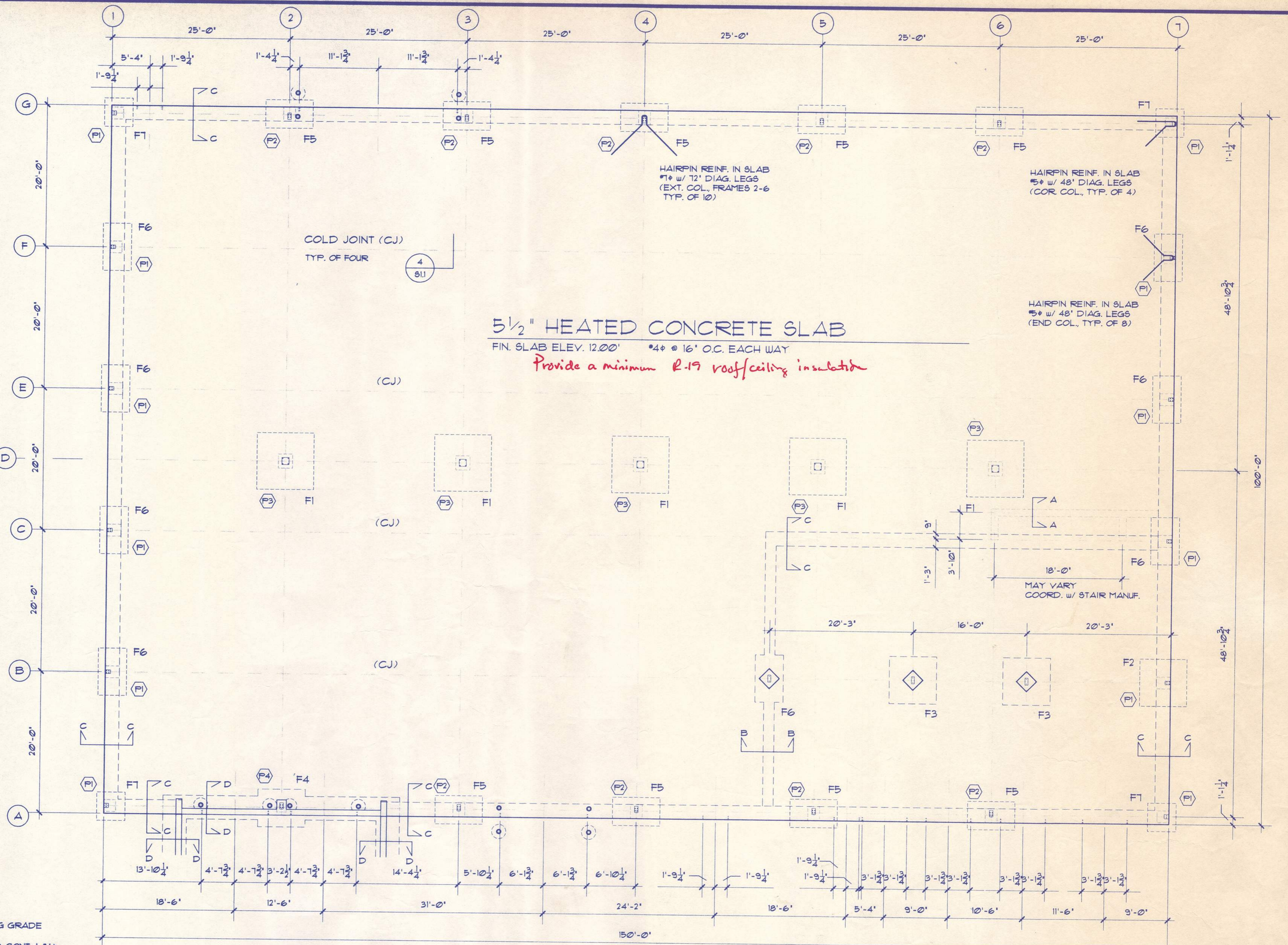
36" HIGH STEEL PIPE GUARDRAIL - 4' LONG
MAINTAIN A 6" MINIMUM CURB HEIGHT TO PAVING GRADE
6" CONCRETE DRIVEWAY w/ 6x6/18-18 WJM AND CONT. 1-#4 THICKENED EDGE REINF.



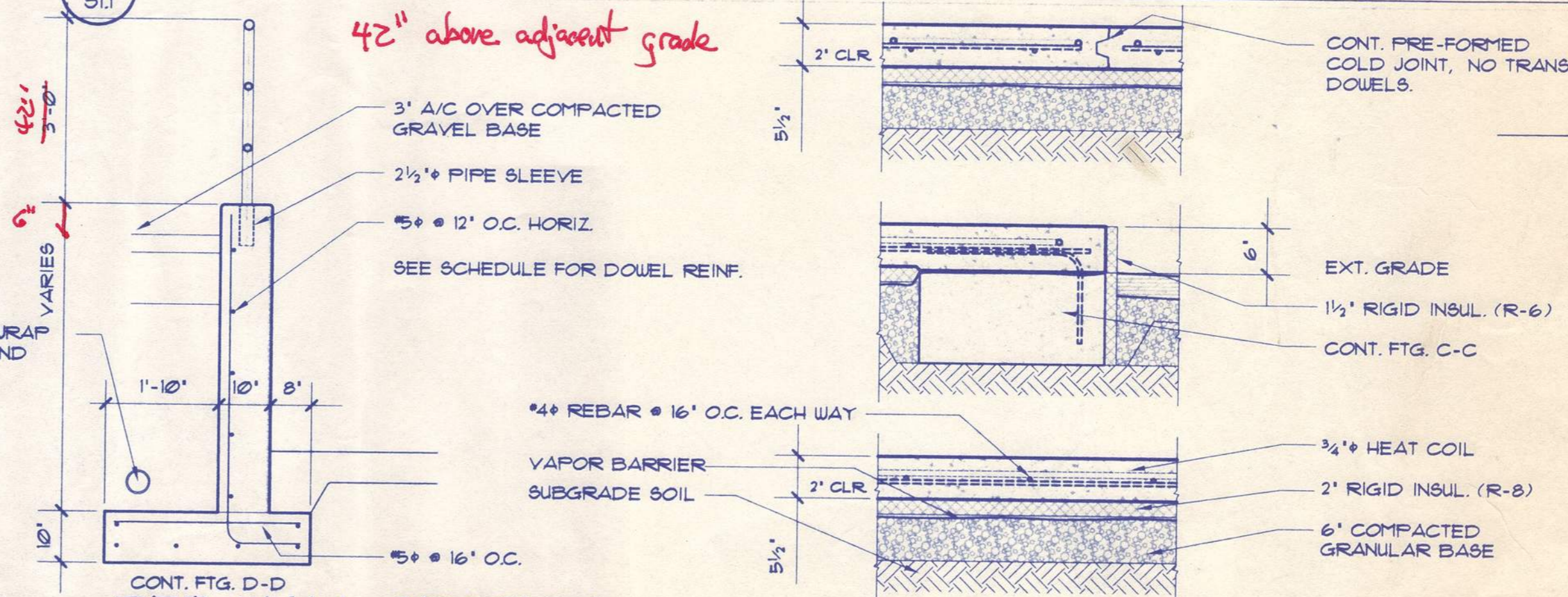
LOADING DOCK WALL ELEVATION

2 S11

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



FOUNDATION PLAN



RET. WALL SECTION

3 S11

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

SLAB DETAILS

4 S11

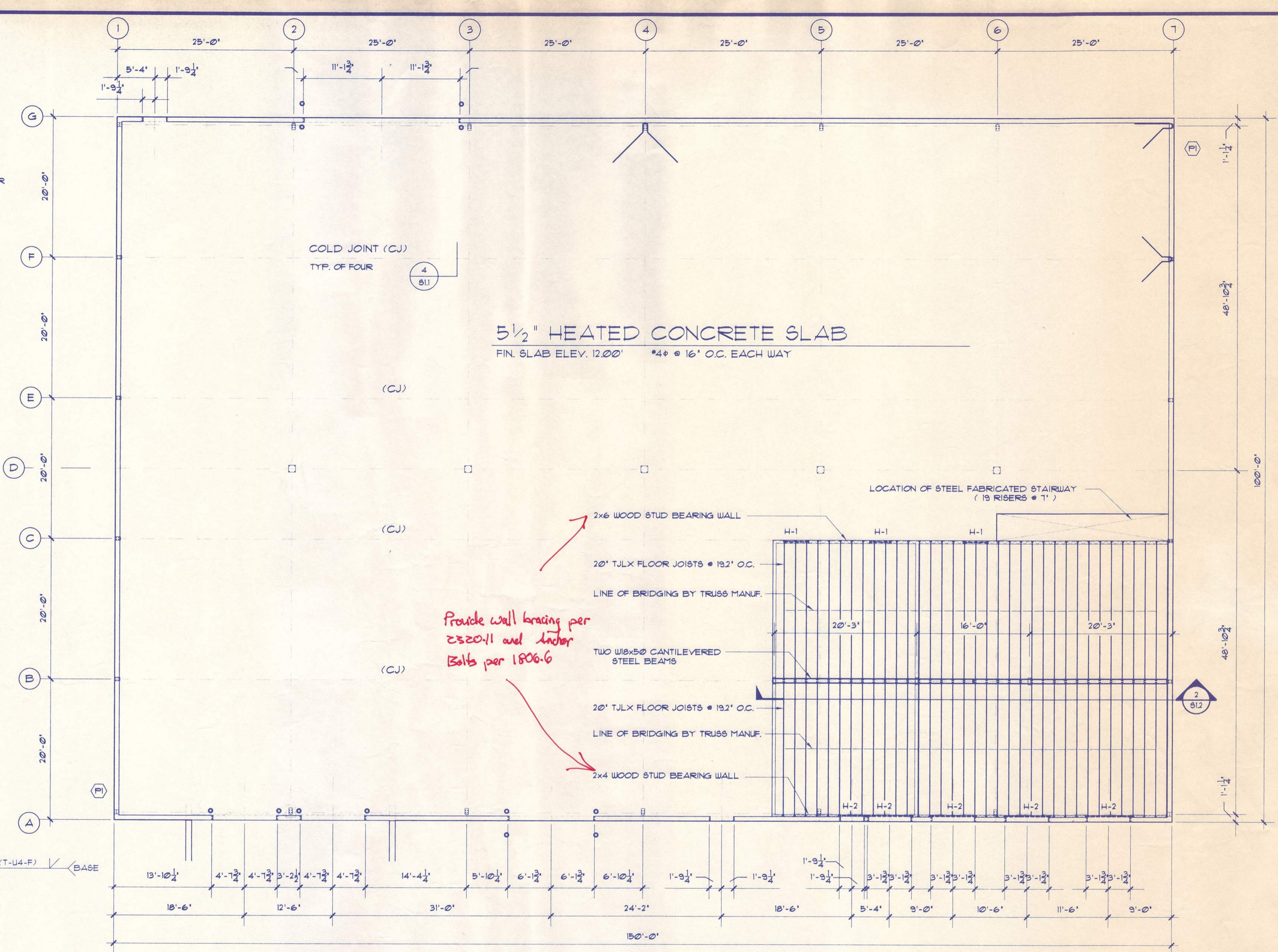
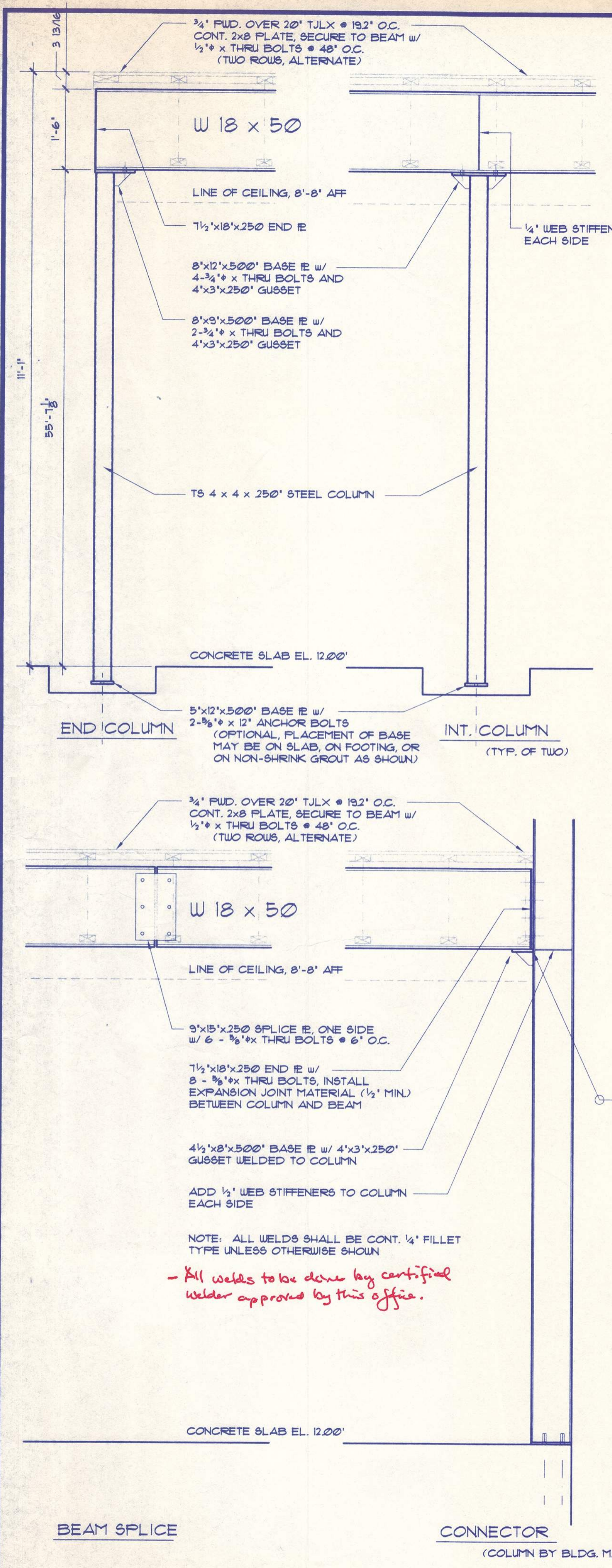
SCALE: 3/4" = 1'-0"

SCALE: 1/8" = 1'-0"
Special Inspection Required!

GENERAL NOTES:

- MATERIAL STRENGTHS:
CONCRETE - FOOTINGS & WALLS
F_c = 3000 PSI @ 28 DAYS
CONCRETE - SLABS AND WALKS
F_c = 3000 PSI @ 28 DAYS
REBAR - 60 GRADE
STEEL - BOLTS, GENERAL ASTM A307
STEEL - ANCHOR BOLTS, A36 GALV.
STEEL - BEAMS & PLATES, ASTM A36
F_y = 36 KSI
STEEL - COLUMNS, ASTM 500
F_y = 46 KSI
WOOD - STUDS, PLATES, & HEADERS
DF-L No. 2 & BTR
- FOUNDATION DESIGN LOADING:
BASED UPON COLUMN REACTIONS
SUBMITTED BY PRE-ENGINEERED
BUILDING MANUF.
HICORP STEEL
BUILDINGS, INC
DATED 10/19/99





- GENERAL NOTES:**
- INSTALL 3/4" PLYWOOD (UNDERLAYMENT GRADE - EXT. GLUE) OVER FABRICATED WOOD JOISTS. SECURE WITH GLUE AND 10d NAILS AT 6" O.C. EDGES, 4" O.C. BOUNDARY, AND 12" O.C. INTERMEDIATE.
 - FABRICATED WOOD JOISTS SHALL BE THE PRODUCTS OF TRUS JOIST/MACMILLAN, BOISE CASCADE, OR APPROVED. *Submit Manufacturer's specifications at framing inspection.*
 - MEZZANINE LOADING CONDITIONS: LIVE LOAD - 125 PSF (LIGHT STORAGE) DEAD LOAD - 15 PSF INCL. MECH./ELEC.



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SEE SITE PLAN FOR CONTINUATION

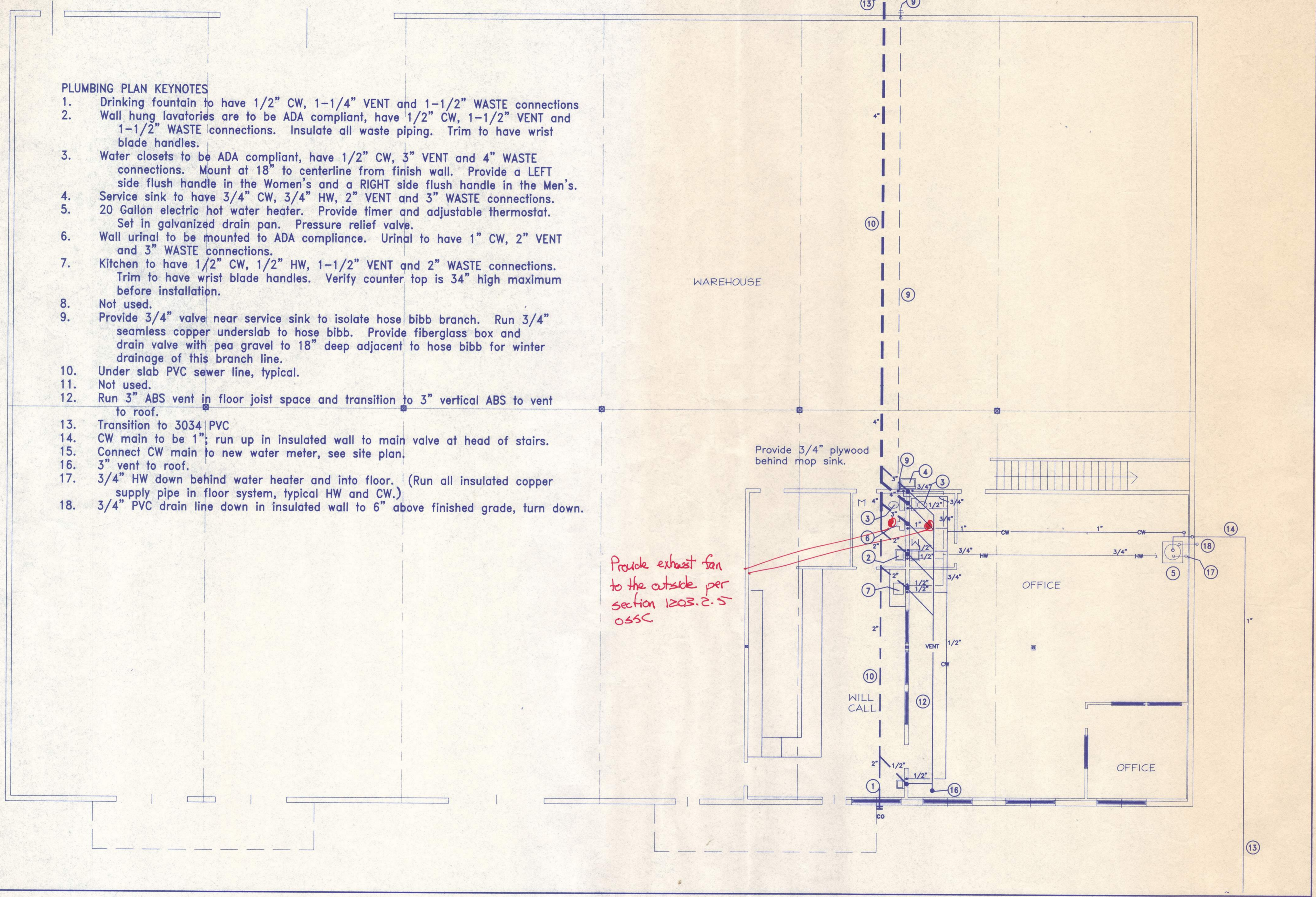
PLUMBING PLAN KEYNOTES

1. Drinking fountain to have 1/2" CW, 1-1/4" VENT and 1-1/2" WASTE connections
2. Wall hung lavatories are to be ADA compliant, have 1/2" CW, 1-1/2" VENT and 1-1/2" WASTE connections. Insulate all waste piping. Trim to have wrist blade handles.
3. Water closets to be ADA compliant, have 1/2" CW, 3" VENT and 4" WASTE connections. Mount at 18" to centerline from finish wall. Provide a LEFT side flush handle in the Women's and a RIGHT side flush handle in the Men's.
4. Service sink to have 3/4" CW, 3/4" HW, 2" VENT and 3" WASTE connections.
5. 20 Gallon electric hot water heater. Provide timer and adjustable thermostat. Set in galvanized drain pan. Pressure relief valve.
6. Wall urinal to be mounted to ADA compliance. Urinal to have 1" CW, 2" VENT and 3" WASTE connections.
7. Kitchen to have 1/2" CW, 1/2" HW, 1-1/2" VENT and 2" WASTE connections. Trim to have wrist blade handles. Verify counter top is 34" high maximum before installation.
8. Not used.
9. Provide 3/4" valve near service sink to isolate hose bibb branch. Run 3/4" seamless copper underslab to hose bibb. Provide fiberglass box and drain valve with pea gravel to 18" deep adjacent to hose bibb for winter drainage of this branch line.
10. Under slab PVC sewer line, typical.
11. Not used.
12. Run 3" ABS vent in floor joist space and transition to 3" vertical ABS to vent to roof.
13. Transition to 3034 PVC
14. CW main to be 1"; run up in insulated wall to main valve at head of stairs.
15. Connect CW main to new water meter, see site plan.
16. 3" vent to roof.
17. 3/4" HW down behind water heater and into floor. (Run all insulated copper supply pipe in floor system, typical HW and CW.)
18. 3/4" PVC drain line down in insulated wall to 6" above finished grade, turn down.

WAREHOUSE

Provide 3/4" plywood behind mop sink.

Provide exhaust fan to the outside per section 1203.2.5 OSSC



PLUMBING FLOOR PLAN

SCALE: 3/16" = 1'-0"



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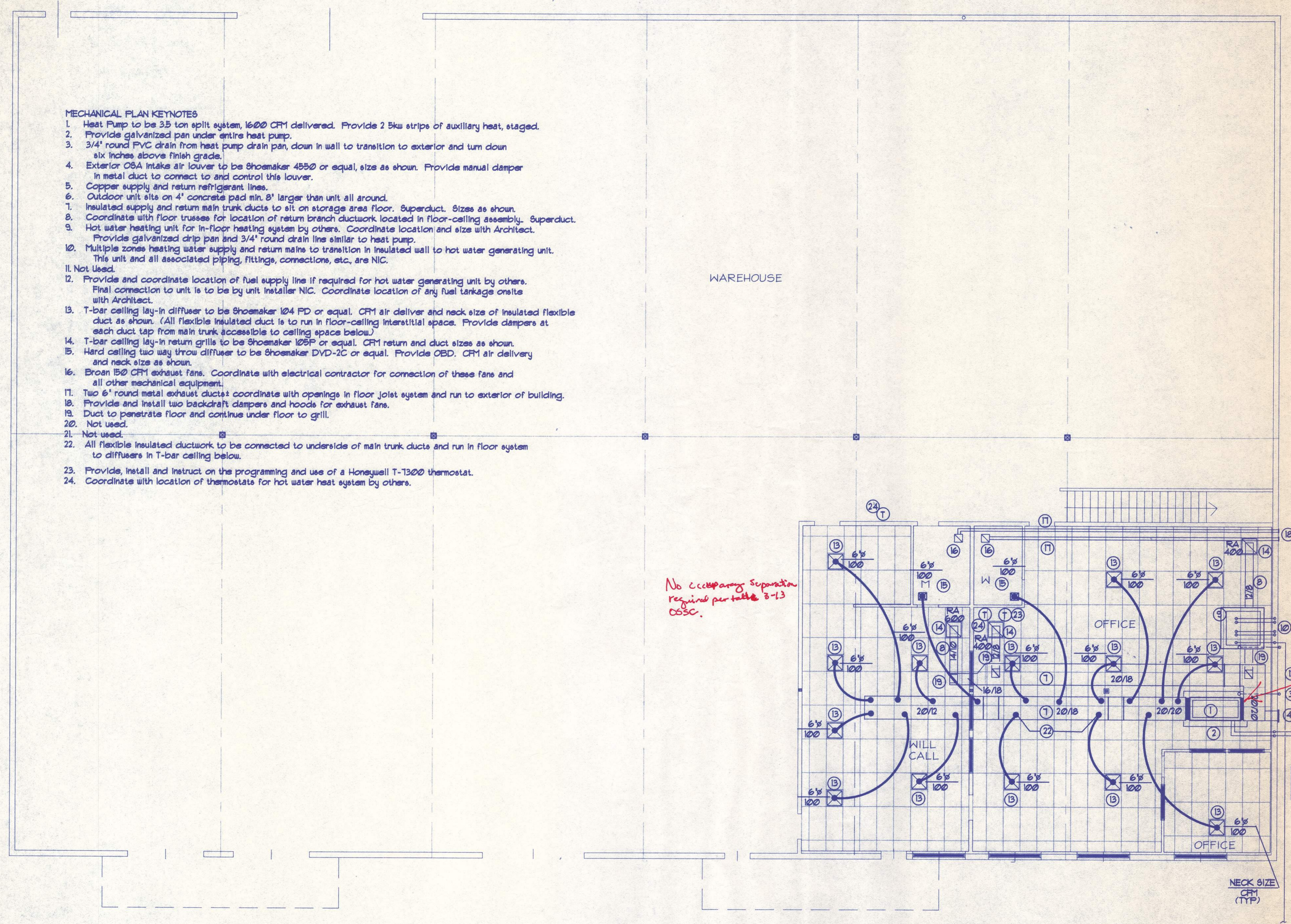
MECHANICAL PLAN KEYNOTES

1. Heat Pump to be 3.5 ton split system, 1600 CFM delivered. Provide 2 5kw strips of auxiliary heat, staged.
2. Provide galvanized pan under entire heat pump.
3. 3/4" round PVC drain from heat pump drain pan, down in wall to transition to exterior and turn down six inches above finish grade.
4. Exterior OSA Intake air louver to be Shoemaker 4550 or equal, size as shown. Provide manual damper in metal duct to connect to and control this louver.
5. Copper supply and return refrigerant lines.
6. Outdoor unit sits on 4' concrete pad min. 8' larger than unit all around.
7. Insulated supply and return main trunk ducts to sit on storage area floor. Superduct. Sizes as shown.
8. Coordinate with floor trusses for location of return branch ductwork located in floor-ceiling assembly. Superduct.
9. Hot water heating unit for in-floor heating system by others. Coordinate location and size with Architect.
10. Provide galvanized drip pan and 3/4" round drain line similar to heat pump.
11. Multiple zones heating water supply and return mains to transition in insulated wall to hot water generating unit. This unit and all associated piping, fittings, connections, etc., are NIC.
12. Not Used.
13. Provide and coordinate location of fuel supply line if required for hot water generating unit by others. Final connection to unit is to be by unit installer NIC. Coordinate location of any fuel tankage onsite with Architect.
14. T-bar ceiling lay-in diffuser to be Shoemaker 104 PD or equal. CFM air deliver and neck size of insulated flexible duct as shown. (All flexible insulated duct is to run in floor-ceiling interstitial space. Provide dampers at each duct tap from main trunk accessible to ceiling space below.)
15. T-bar ceiling lay-in return grille to be Shoemaker 125P or equal. CFM return and duct sizes as shown.
16. Hard ceiling two way throw diffuser to be Shoemaker DVD-2C or equal. Provide OBD. CFM air delivery and neck size as shown.
17. Broan 150 CFM exhaust fans. Coordinate with electrical contractor for connection of these fans and all other mechanical equipment.
18. Two 6" round metal exhaust ducts; coordinate with openings in floor joist system and run to exterior of building.
19. Provide and install two backdraft dampers and hoods for exhaust fans.
20. Duct to penetrate floor and continue under floor to grill.
21. Not used.
22. All flexible insulated ductwork to be connected to underside of main trunk ducts and run in floor system to diffusers in T-bar ceiling below.
23. Provide, install and instruct on the programming and use of a Honeywell T-1300 thermostat.
24. Coordinate with location of thermostats for hot water heat system by others.

WAREHOUSE

No ceiling separation required per table 3-1.3 OSSC.

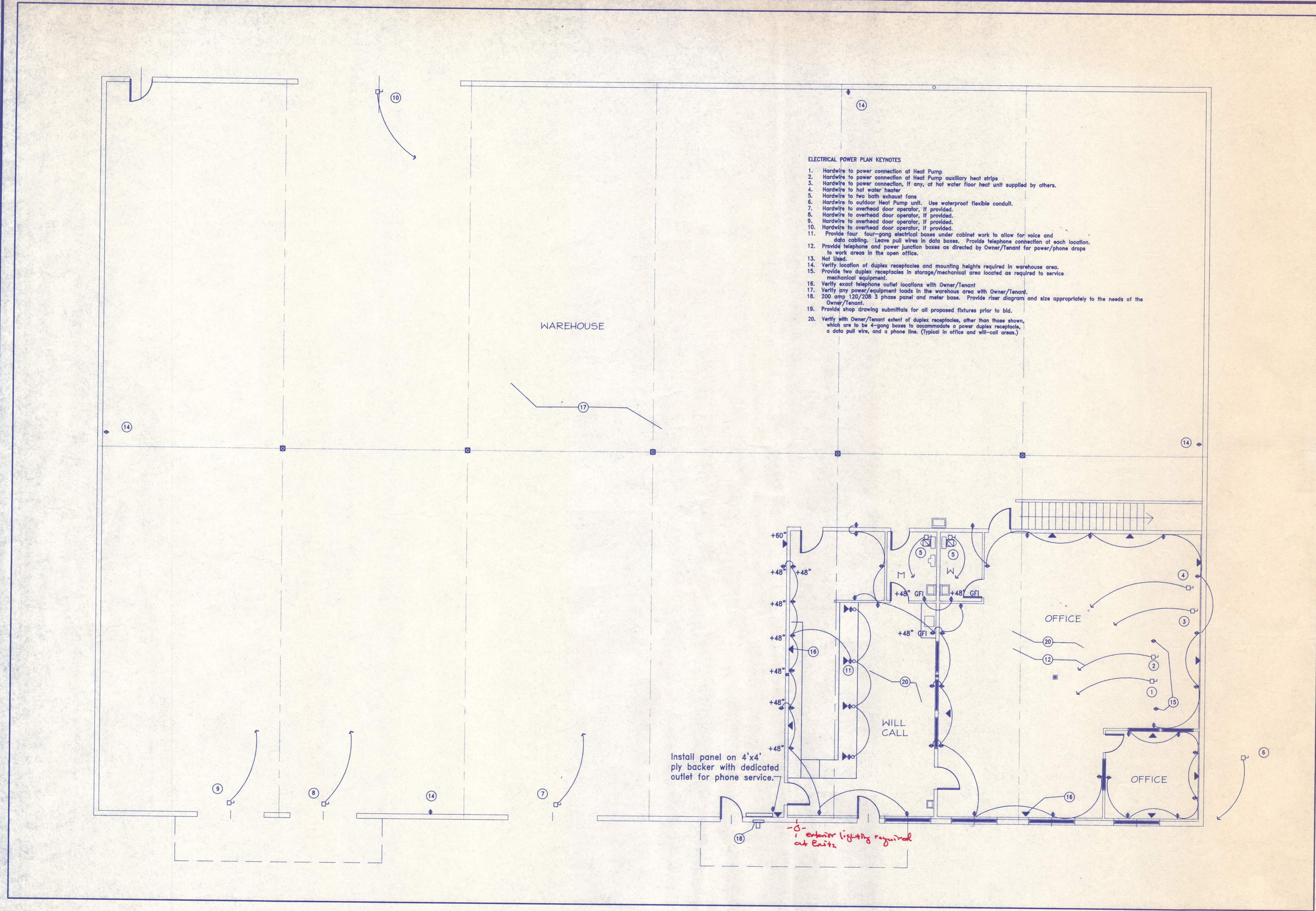
Provide access and service space per section 306 of the Oregon Mechanical Specialty Code



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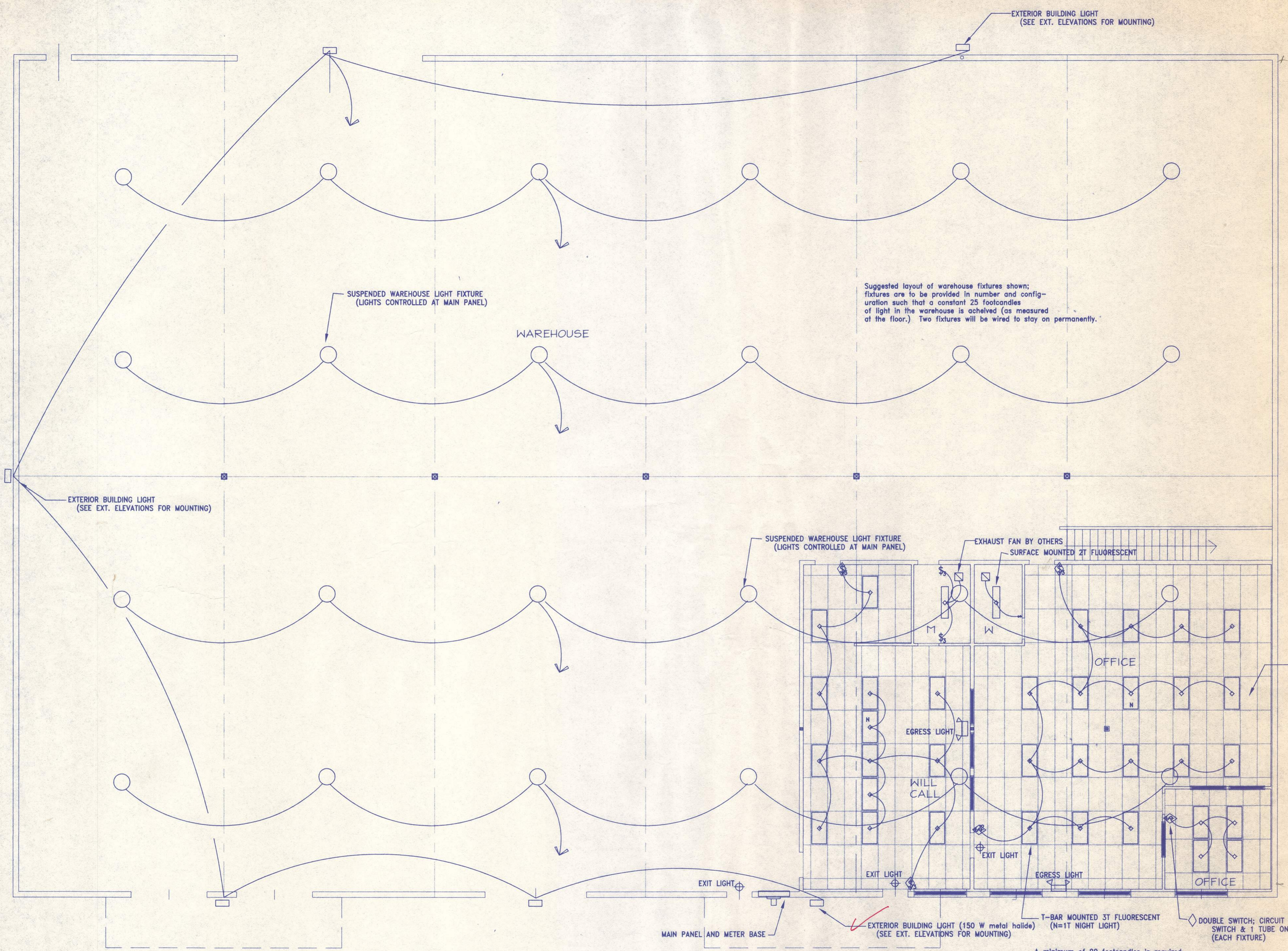
- ELECTRICAL POWER PLAN KEYNOTES**
1. Hardwire to power connection of Heat Pump
 2. Hardwire to power connection of Heat Pump auxiliary heat strips
 3. Hardwire to power connection, if any, of hot water floor heat unit supplied by others.
 4. Hardwire to hot water heater
 5. Hardwire to two bath exhaust fans
 6. Hardwire to outdoor Heat Pump unit. Use waterproof flexible conduit.
 7. Hardwire to overhead door operator, if provided.
 8. Hardwire to overhead door operator, if provided.
 9. Hardwire to overhead door operator, if provided.
 10. Hardwire to overhead door operator, if provided.
 11. Provide four four-gang electrical boxes under cabinet work to allow for voice and data cabling. Leave pull wires in data boxes. Provide telephone connection at each location.
 12. Provide telephone and power junction boxes as directed by Owner/Tenant for power/phone drops to work areas in the open office.
 13. Not Used.
 14. Verify location of duplex receptacles and mounting heights required in warehouse area.
 15. Provide two duplex receptacles in storage/mechanical area located as required to service mechanical equipment.
 16. Verify exact telephone outlet locations with Owner/Tenant
 17. Verify any power/equipment loads in the warehouse area with Owner/Tenant.
 18. 200 amp 120/208 3 phase panel and meter base. Provide riser diagram and size appropriately to the needs of the Owner/Tenant.
 19. Provide shop drawing submittals for all proposed fixtures prior to bid.
 20. Verify with Owner/Tenant extent of duplex receptacles, other than those shown, which are to be 4-gang boxes to accommodate a power duplex receptacle, a data pull wire, and a phone line. (Typical in office and will-call areas.)

ELECTRICAL POWER PLAN
 SCALE: 3/16" = 1'-0"



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Suggested layout of warehouse fixtures shown; fixtures are to be provided in number and configuration such that a constant 25 footcandles of light in the warehouse is achieved (as measured at the floor.) Two fixtures will be wired to stay on permanently.

COORDINATE CEILING LAYOUT WITH CEILING INSTALLER & MECHANICAL CONTRACTOR. ARCHITECT TO APPROVE ANY CHANGES.

A minimum of 90 footcandles is required in the office and will-call area of 30" above the floor. Wire on fixture in each area to stay on permanently.

1 ELECTRICAL LIGHTING PLAN SCALE: 3/16" = 1'-0"

E1.2