

DOOR AND WINDOW SCHEDULES

MANUFACTURER	SIZE	QTY.	REMARKS
①	3'-0" x 6'-8"	12	METAL
②	3'-0" x 6'-8"	6	HOLLOW-CORE INTERIOR
③	2'-4" x 6'-8"	1	HOLLOW-CORE INTERIOR
④ WINDOWMASTER	4'-0" x 4'-0"	16	

MECHANICAL SCHEDULE

MANUFAC.	MODEL#	CAPACITY	REMARKS

PLUMBING SCHEDULE

MANUFACTURER	MODEL#	FKT#	QTY.	REMARKS

SOLAR SCHEDULE

MANUF.	QTY	MODEL#	REMARKS *
SUNSTONE	3-348'	3496TF	PANELS LOCATED BY OWNER ON ROOF. 4/12 PITCH @ 3/4"
"	82GAL		SINGLE ELEC. STORAGE TANK W/ REQ. CONTROLS
			*ALL EQUIP. MUST BE TIPS# APPROVED.

GENERAL NOTES

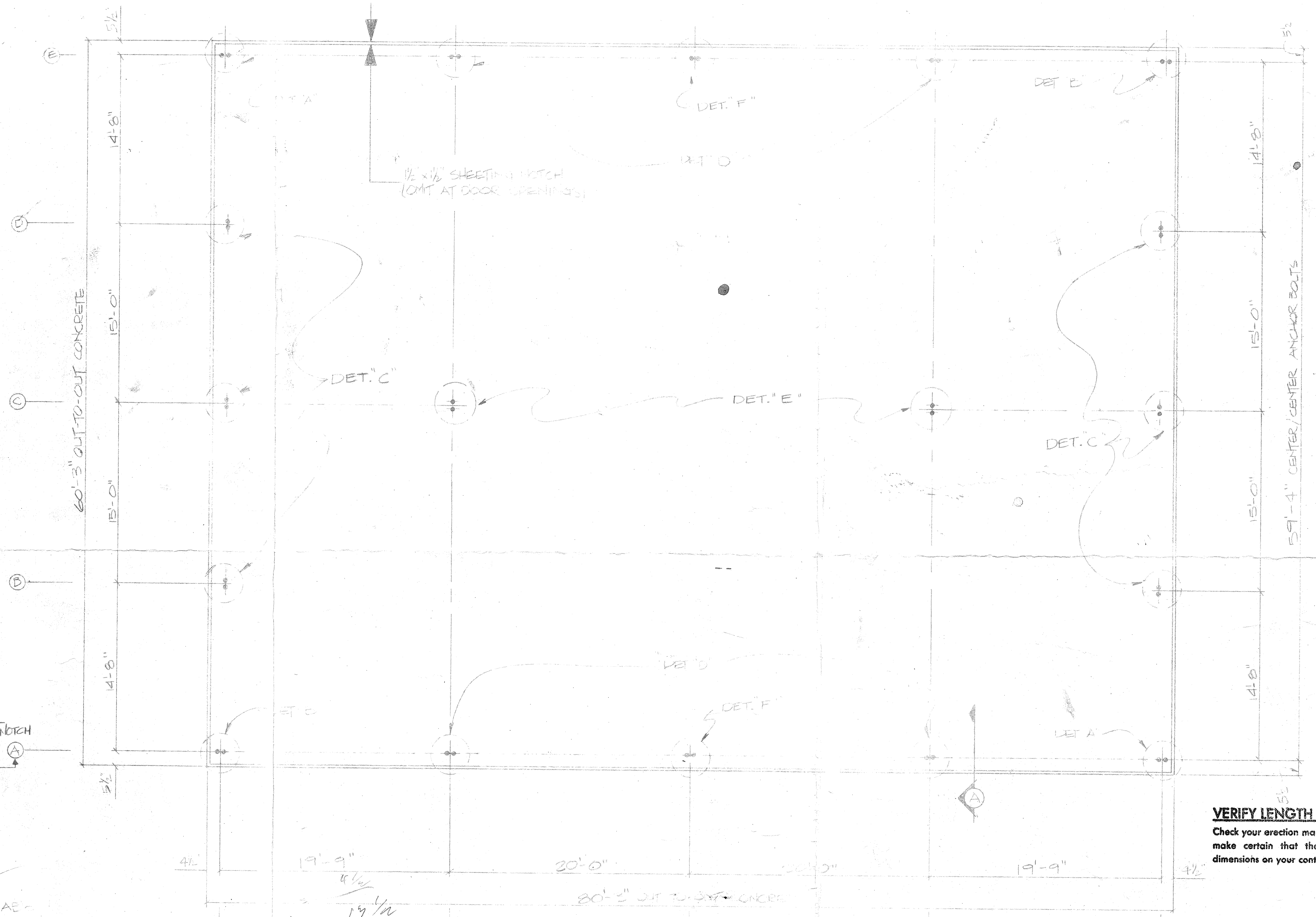
- BUILDER SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON JOB.
- DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE MEASUREMENTS.
- ALL LOAD BEARING MEMBERS SHALL BE D.F.# 2 GRADE OR BETTER.
- ALL ANCHOR BOLTS SHALL BE 3/8" x 10" @ 48" O.C. AND WITHIN 12" MAX. FROM END OF SILLS AND CORNERS. BOLTS SHALL BE EMBEDDED 7" IN CONCRETE.
- WHERE BEAMS TIE INTO WALLS, PROVIDE F.H.A. TIE STRAP AT TOP.
- 1" x 6" DIAGONAL LET-IN BRACE AT CORNERS AND EVERY 25 LINEAL FEET OF WALL.
- INSTALL 2" FIREBLOCKING AT ALL SOFFITS.
- PLYWOOD ROOF SHEETING TO BE LAID CONTINUOUSLY OVER 2 OR MORE SPANS, FACE GRAIN LAID PERPENDICULAR TO SUPPORTS.
- FLASHING WATERPROOFING AT ALL EXT. OPENINGS AND ROOF/WALL INTERSECTIONS.
- PROVIDE A LAYER OF #15 FELT UNDER ALL EXT. WALL COVER.
- R-11 INSULATION WILL BE INSTALLED IN ALL EXTERIOR WALLS.
- CONCRETE MIX MUST HAVE A STRENGTH OF 2000 PSI AFTER 28 DYS.
- ALL REINFORCING STEEL MUST CONFORM TO LOCAL U.B.C. WHERE SPLICED, IT SHALL LAP 40 BAR DIAMETERS WITH A MIN OF 2'.
- PROVIDE 1.5 SQ FT OF VENT FOR EVERY 25' OF FOUNDATION WALL.
- ALL WORK, CALCULATIONS, AND LOAD SHALL CONFORM TO NAT'L. ELECT. CODE.
- ELECTRICAL LOAD CENTER TO BE CIRCUIT-BREAKER TYPE.
- ALL WATER PIPES TO BE COPPER TUBING.
- MARQUETTE ERECTION MANUAL TO BE A PART OF THESE PLANS.



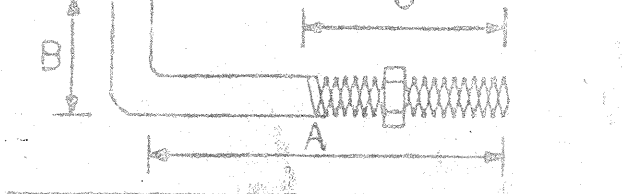
GROUP E OCCUPANCY
 PAROCHIAL SCHOOL FOR:
 St. Stephen Ev. Luth. Church
 1636 E. MISSION RD., FALLBROOK
 REP: G. J. CLASEN
 2125 RECHE RD., FALLBROOK
 714-7955 - # B1-96962

DRAWN AND DESIGNED BY:
DESIGN A LINE
 829 HERMES AVE., LEUCADIA, CA. 92024
 436-3482

- NOTES**
1. ALL REACTIONS ARE GIVEN IN KIPS (1000 LBS)
 2. REACTIONS ARE FOR BUILDING. THOSE FOR FOUNDATION WILL BE EQUAL AND OPPOSITE.
 3. THE VERTICAL REACTION OF THE ENDWALL COLUMN IS FOR DEAD LOAD PLUS LIVE LOAD WITH AN ENDWALL RAFTER AND COLUMNS AS FRAMING.
 4. THE HORIZONTAL REACTION IS FROM WIND PRESSURE ON THE ENDWALL. FOR WIND IN THE OPPOSITE DIRECTION A SUCTION OF 62% OF THAT VALUE CAN OCCUR.
 5. ALL ANCHOR BOLTS SHALL PROJECT FROM SAME ELEVATION UNLESS NOTED.
 6. ALL CONCRETE DESIGN AND CONSTRUCTION IS NOT BY MANUFACTURER.
 7. CONSULT A LOCAL ENGINEER FOR DESIGN OF FOUNDATION IN ACCORDANCE WITH LOCAL SOIL CONDITIONS AND FROST DEPTH.
 8. ANCHOR BOLTS AND OTHER ITEMS IMBEDDED IN CONCRETE NOT BY MANUFACTURER.

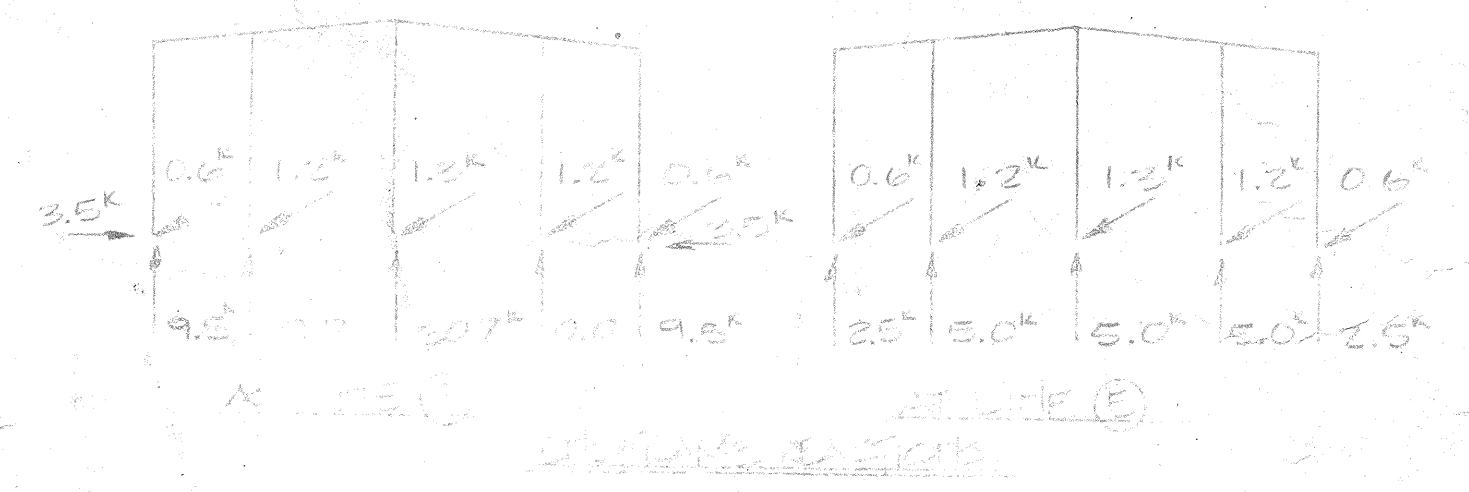


ANCHOR BOLT DETAIL

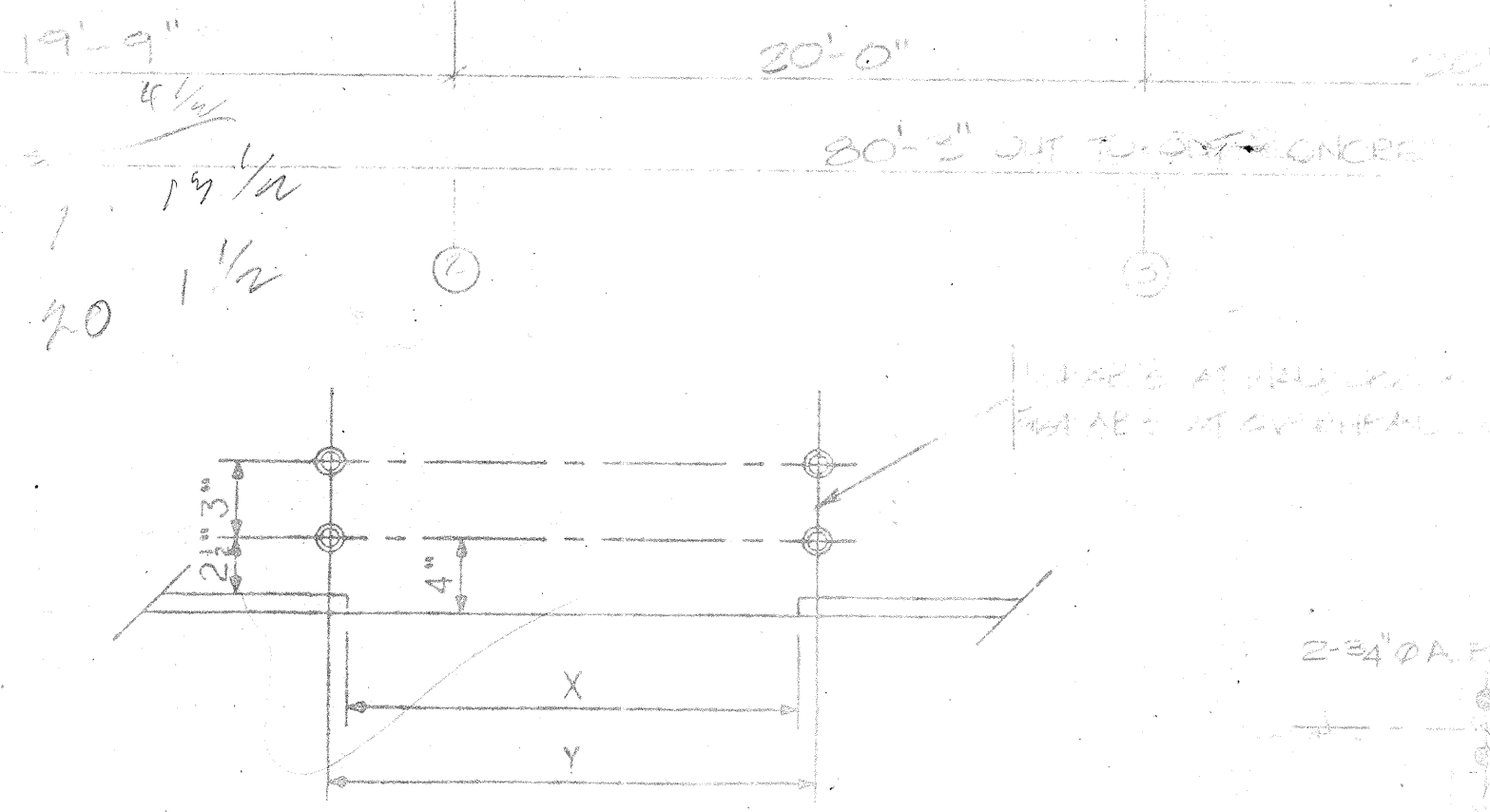
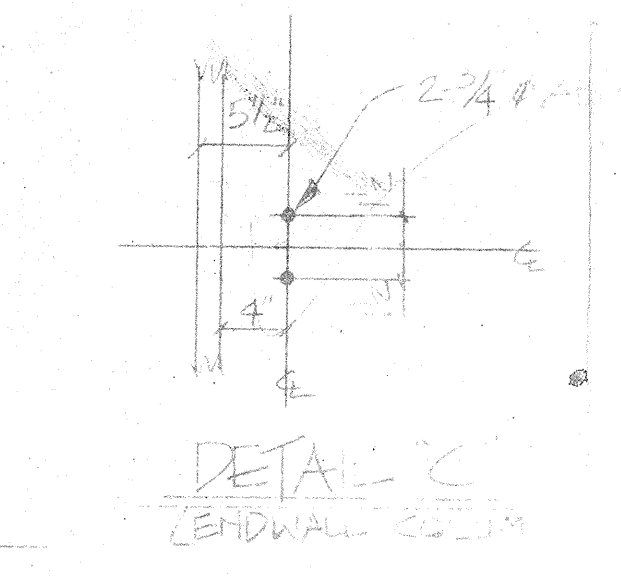
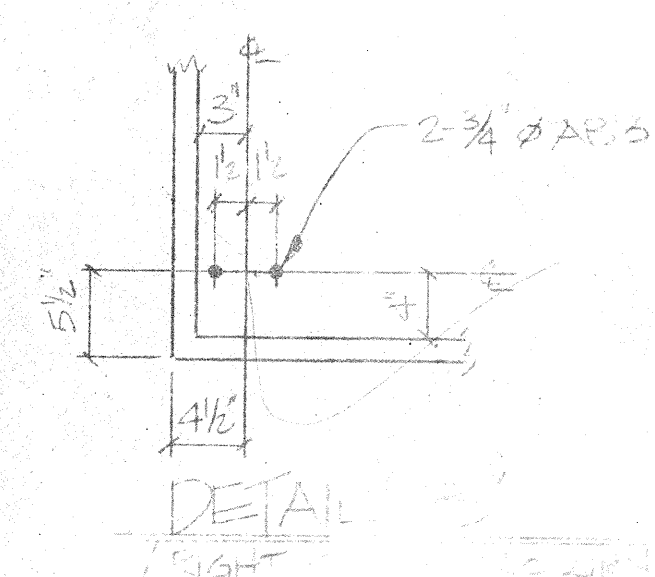
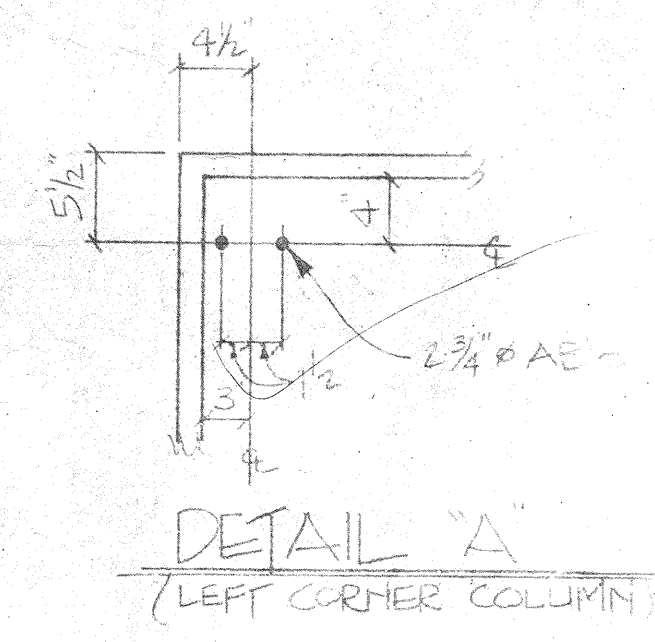
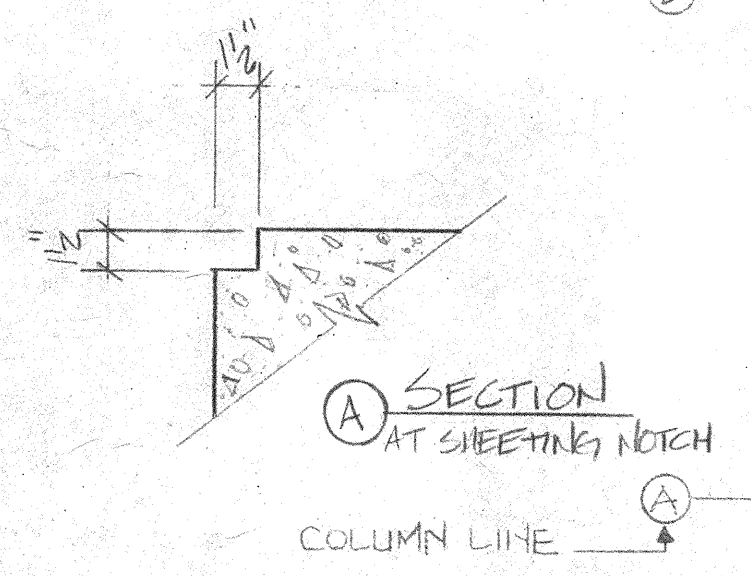
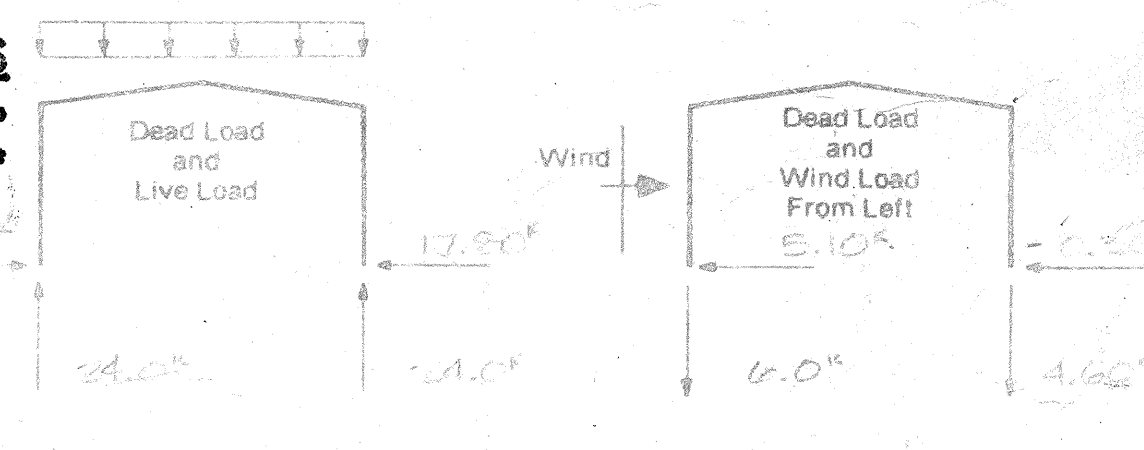


ANCHOR BOLT SCHEDULE

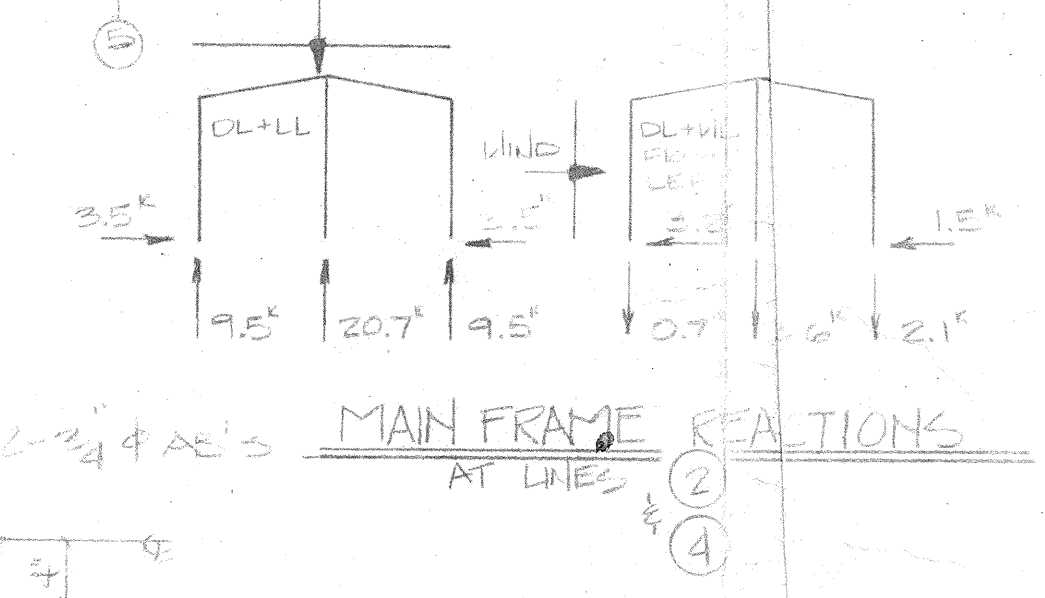
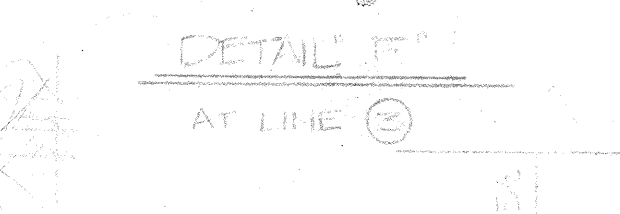
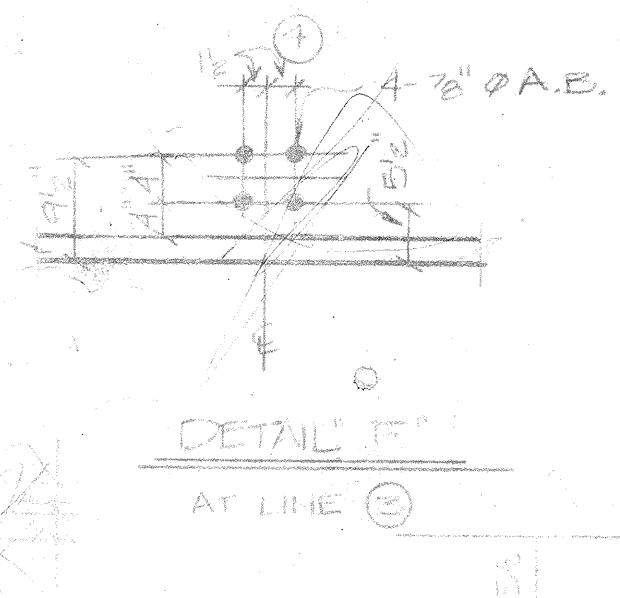
QUANTITY	DIA. IN.	LENGTH IN.	A IN.	B IN.	C IN.	PROJ. IN.
32	3/4	16.0	12.0	4.0	4.0	2.0
	5/8	14.0	10.0	4.0	4.0	2.0
112		10.0	8.0	2.0	4.0	2.0
6	1/2	20.0	16.0	4.0	4.0	2.0



VERIFY LENGTH AND WIDTH DIMENSIONS
 Check your erection manual and your foundation blueprints to make certain that the dimensions listed agree with the dimensions on your contract.

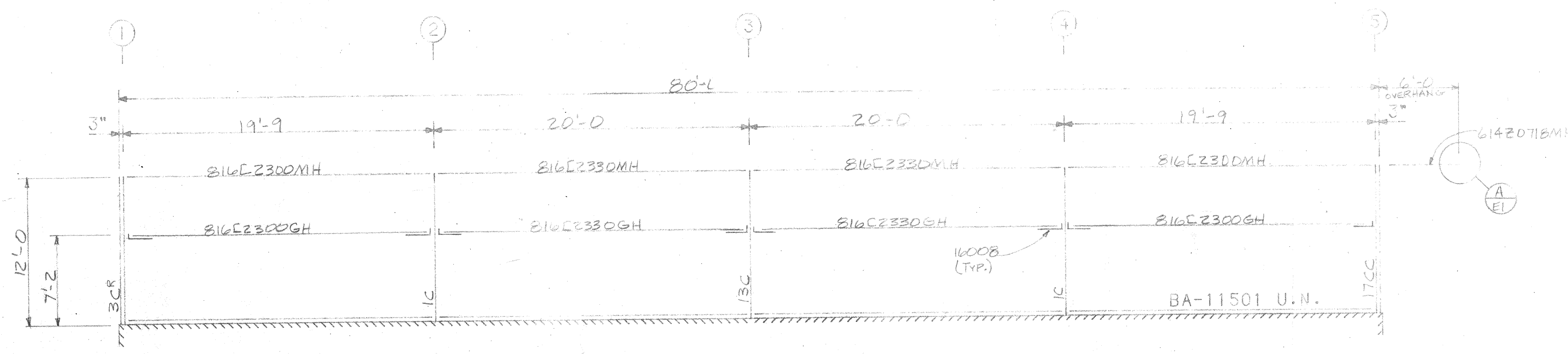


DOOR JAMB DETAIL
 WALK DOORS TO BE FIELD LOCATED BY OWNER.
 FOR OVERHEAD DOOR LOCATED BY OWNER.
 FOR WALK DOORS, X = 3'
 FOR OVERHEAD DOORS, Y = 2'

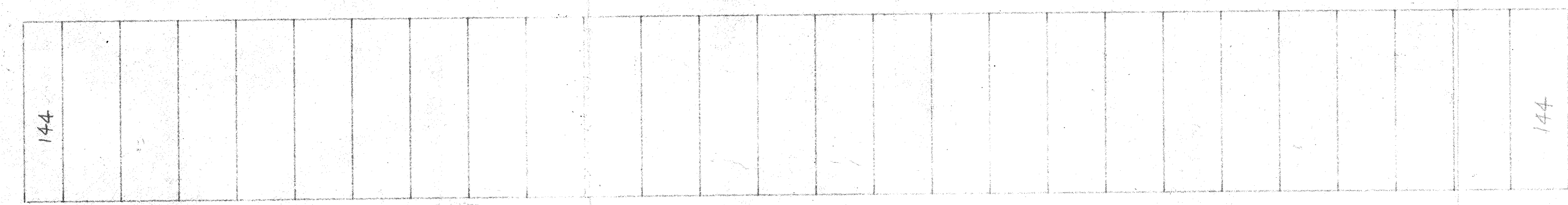


Marvel Brute Steel Building Systems
 BY SUNWARD CORPORATION
 Denver, Colorado
 Jamestown, North Dakota

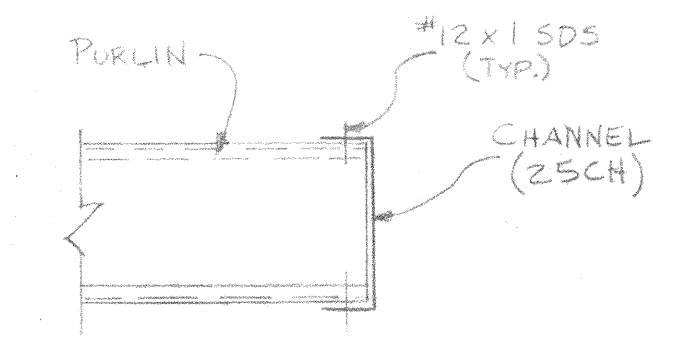
REV	DESCRIPTION	BY	DATE	CUSTOMER	PROJECT REF.	BLDG. DESCR.	JOB SITE	LOADS	SCALE
				TELEVISION		60' x 9'	FALLER		



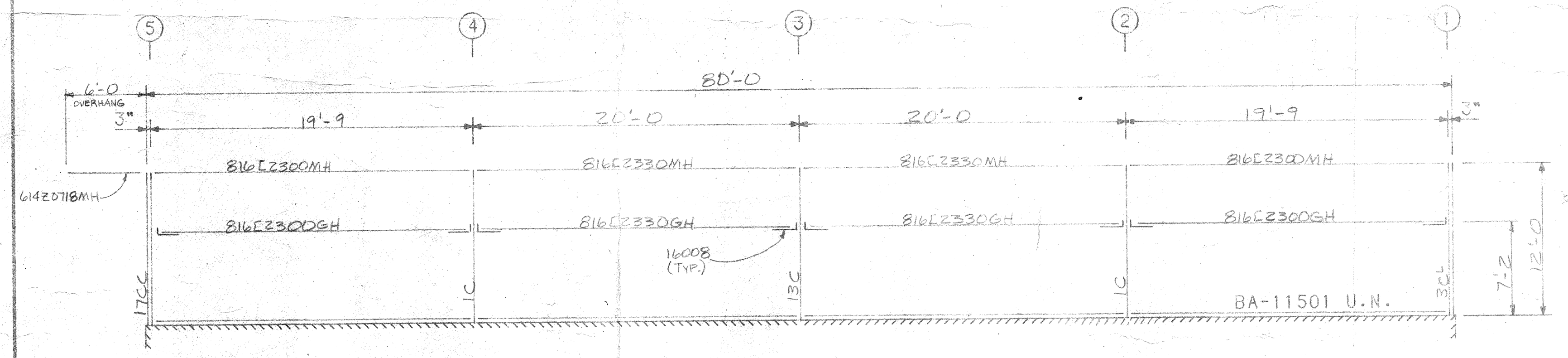
SIDEWALL FRAMING ELEVATION
CANOPY NOT SHOWN FOR CLARITY (SEE ROOF PLAN ON PAGE E3 OF 6)



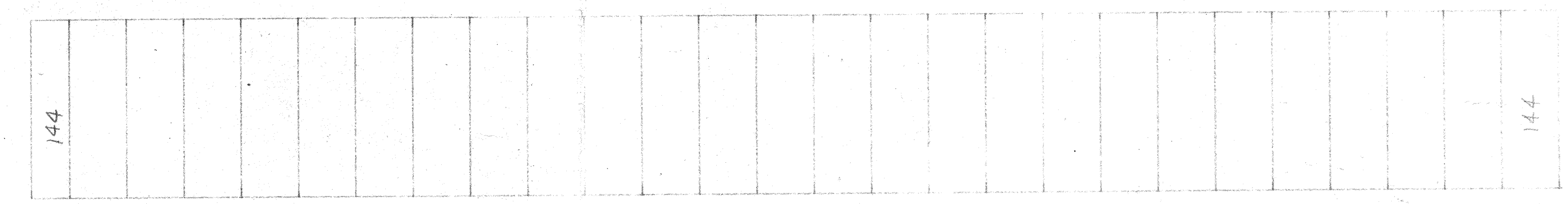
SIDEWALL SHEETING ELEVATION



A/EI
DETAIL
SEE E3 OF 6, DETAIL R12
FOR TRIM 4 PANEL



SIDEWALL FRAMING ELEVATION
CANOPY NOT SHOWN FOR CLARITY (SEE ROOF PLAN ON PAGE E3 OF 6)



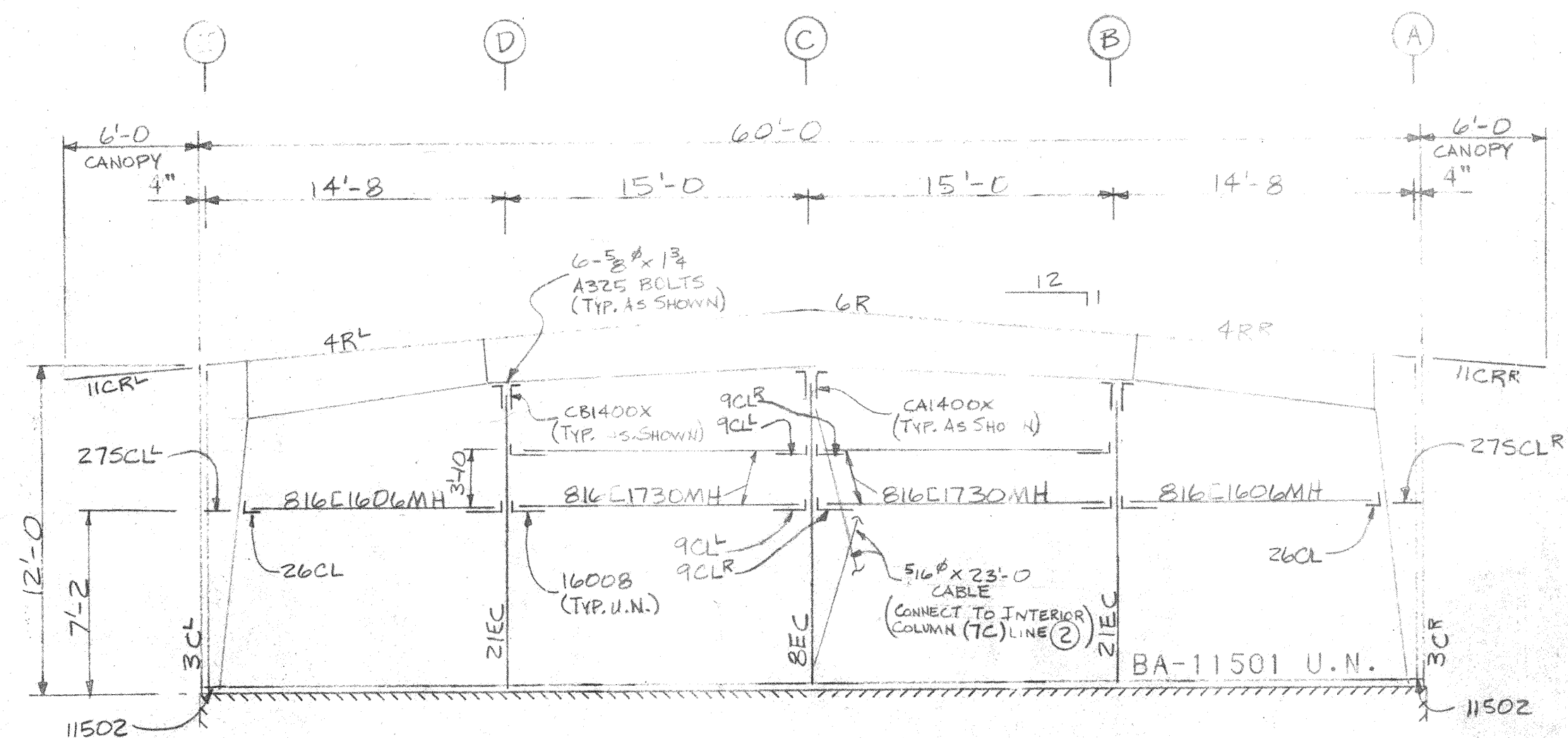
SIDEWALL SHEETING ELEVATION

GENERAL NOTES:

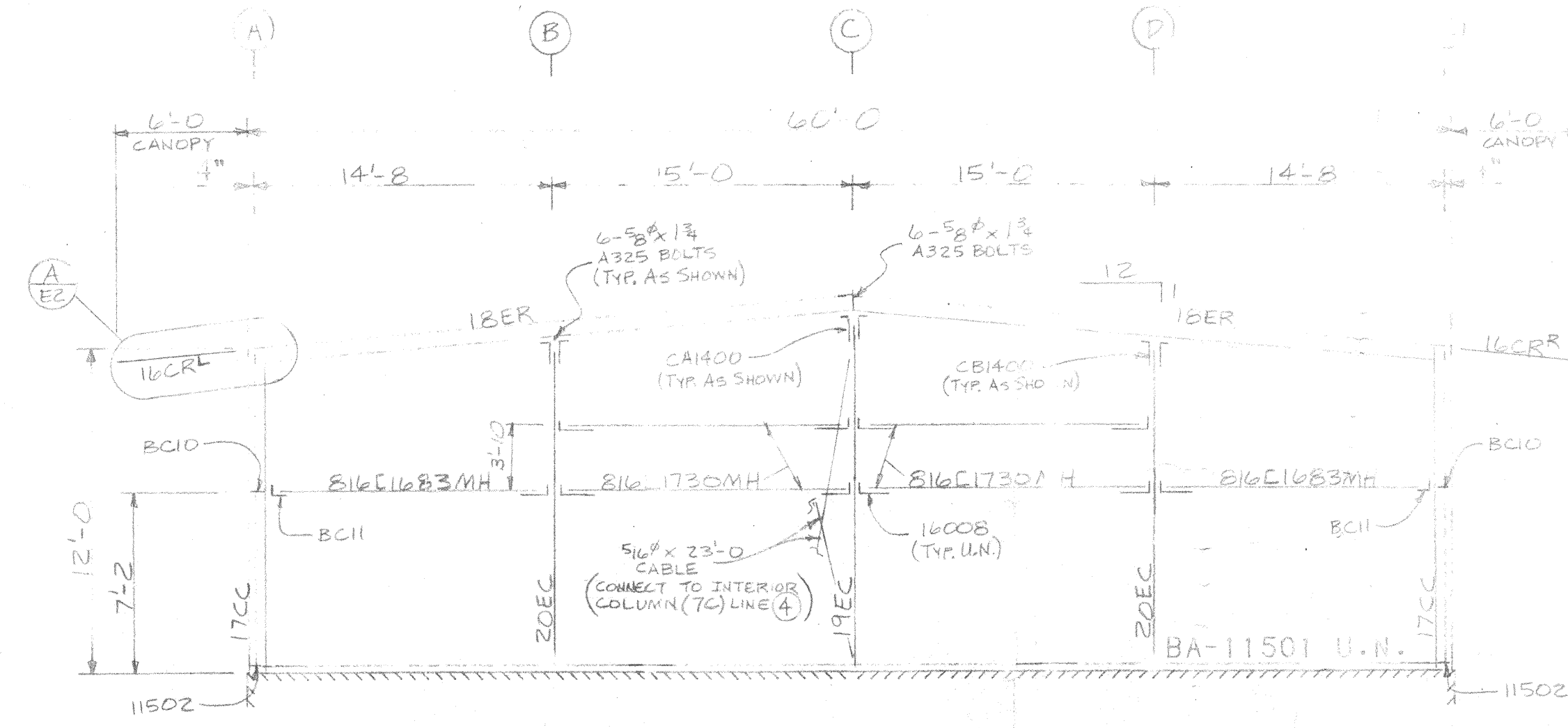
1. SHEETING SHALL BE 22 GA. GALVALUM. PANELS.
2. ALL PANELS SHALL BE FABRICATED TO MATCH.
3. ALL LIGHT GAGE STEEL SHALL BE GALVALUM. PANELS.
4. ALL DIAGONAL RIGS SHALL BE FABRICATED FROM STEEL CONFORMING TO AISC 360. A 3/4" DIA. RIG SHALL BE FABRICATED FROM 1 X 1 GALVALUM. WITH EXTRA HIGH STRENGTH GRADE EQUAL TO A36. A 1/2" DIA. RIG SHALL BE FABRICATED FROM 1 X 1 GALVALUM.
5. MARVEL WALL PANEL SHALL BE ATTACHED TO THE STRUCTURAL MEMBERS WITH #12 X 1 DEEP DRILLING FASTENERS AT 1'-0" O.C. UNLESS NOTED.

CUSTOMER: TERRY TEIGEN	DRAWN BY: EB
PROJECT: [unclear]	DATE: 10/1/81
BLDG. NAME: GYM B012	CHECKED BY: [unclear]
JOB NO.: TRENCH, CA	DATE: 10/1/81
SCALE: 1/8" = 1'-0"	NO. OF SHEETS: 6
	SHEET NO.: 1

NOV 17 1981

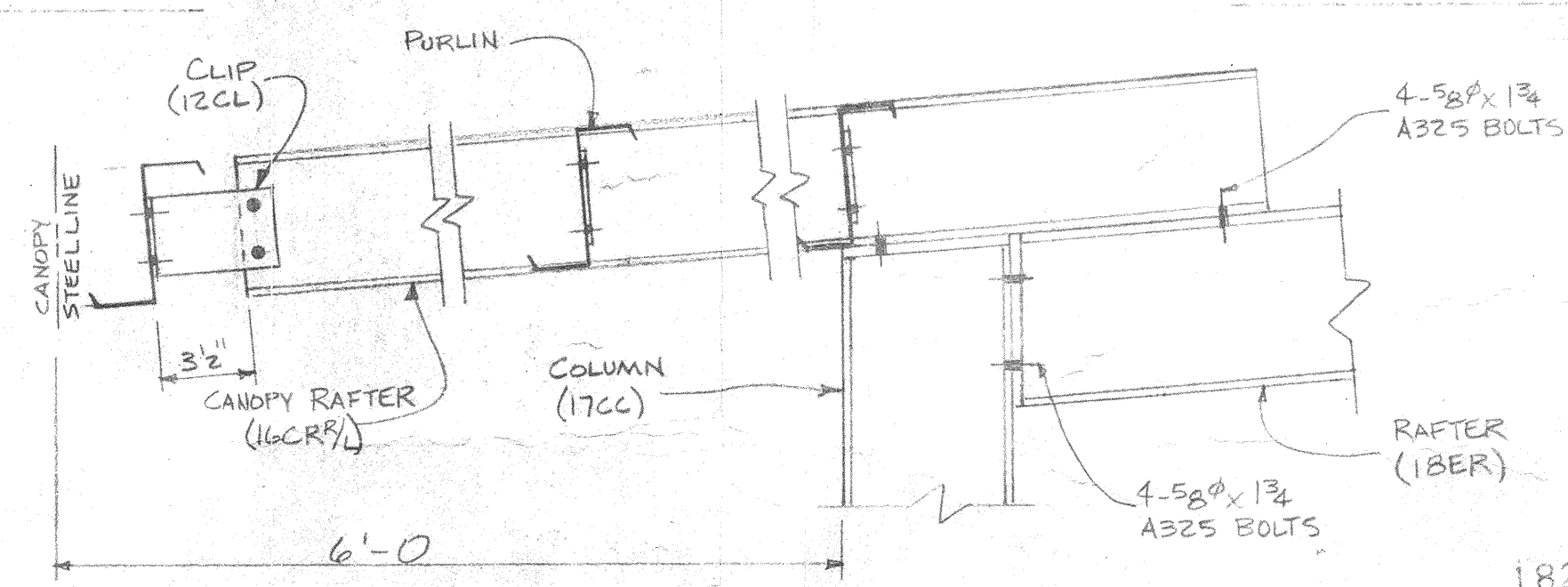


ENDWALL FRAMING ELEVATION
AT LINE ① (FOR FRAME SECTION, SEE E5 OF 6)

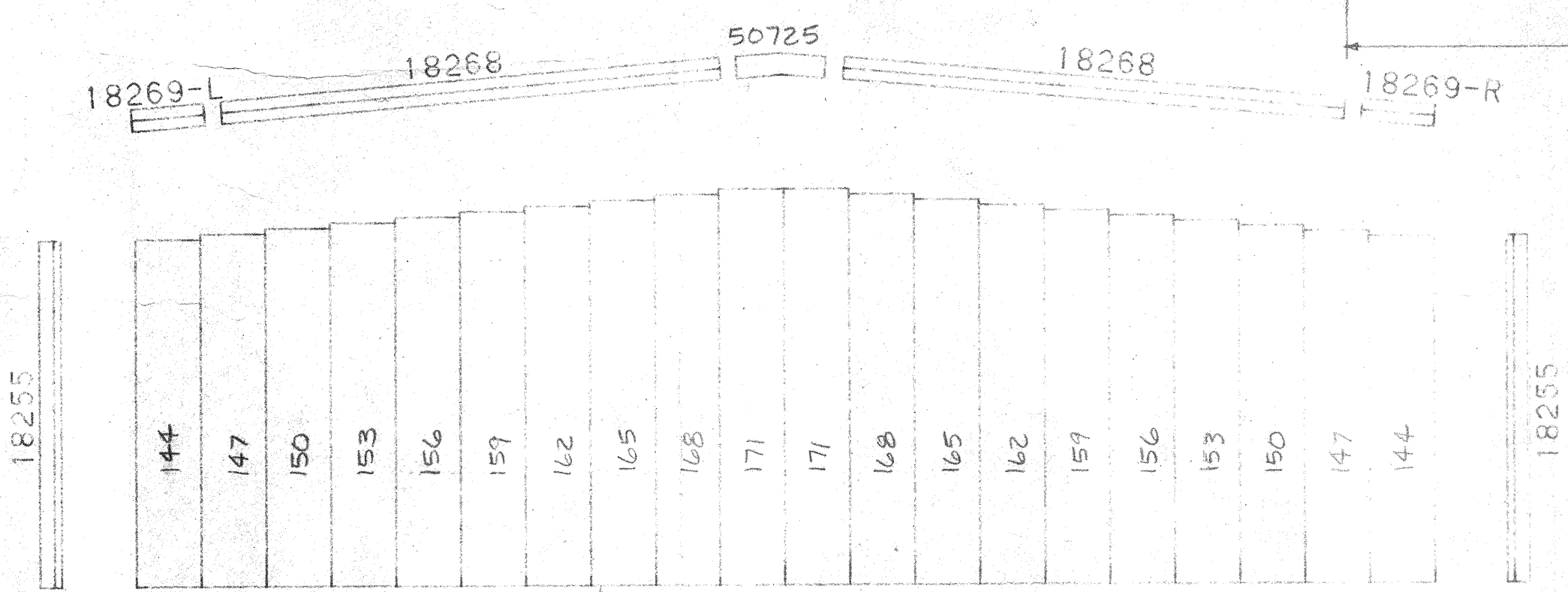


ENDWALL FRAMING ELEVATION
AT LINE ⑤

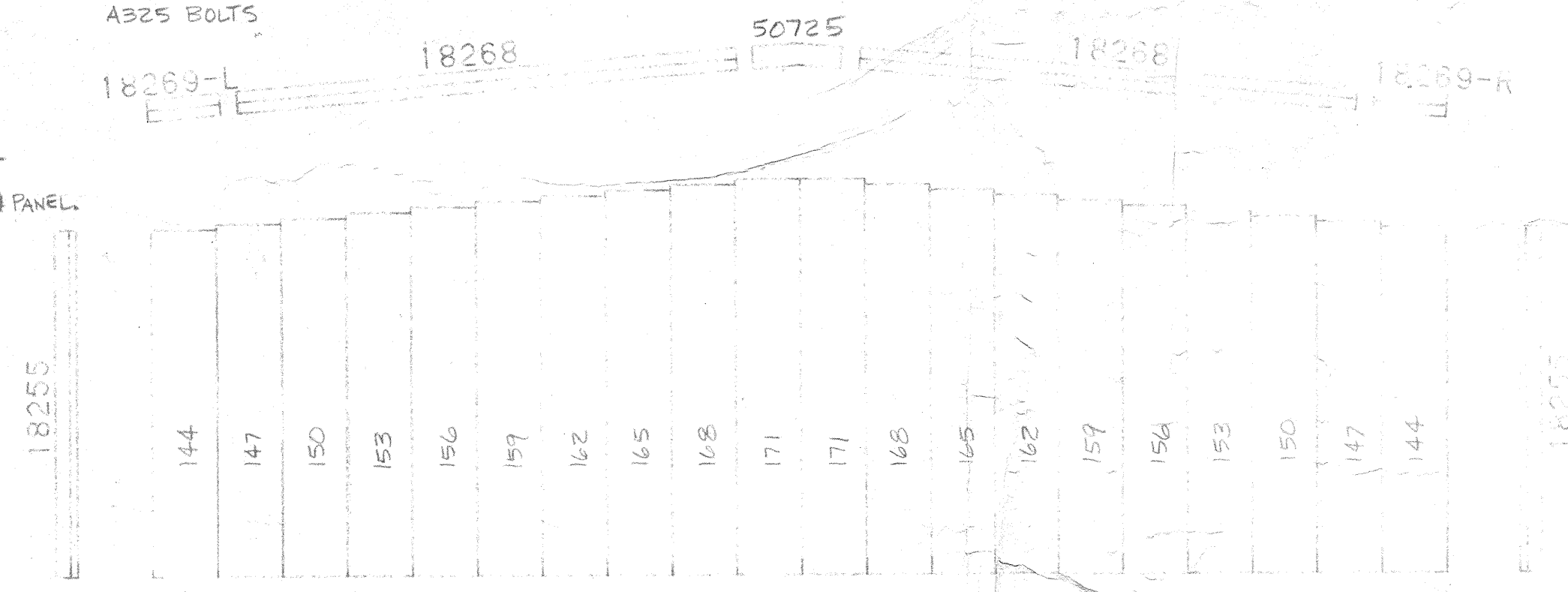
NOTE: ALL FOLLOWING MEMBER - 8" BUILD-UP
17CC - WEB PL 11 GA; FLANGE PL 5 x 7/16
18ER - WEB PL 11 GA; FLANGE PL 5 x 7/16
19EC - WEB PL 11 GA; FLANGE PL 4 x 7/16
20EC - WEB PL 11 GA; FLANGE PL 4 x 7/16



A
E2
DETAIL
ALL BOLTS 1/2" x 1/4" A307 U.N.
SEE E3 OF 6, DETAIL R14 FOR TRIM & PANEL



ENDWALL SHEETING ELEVATION

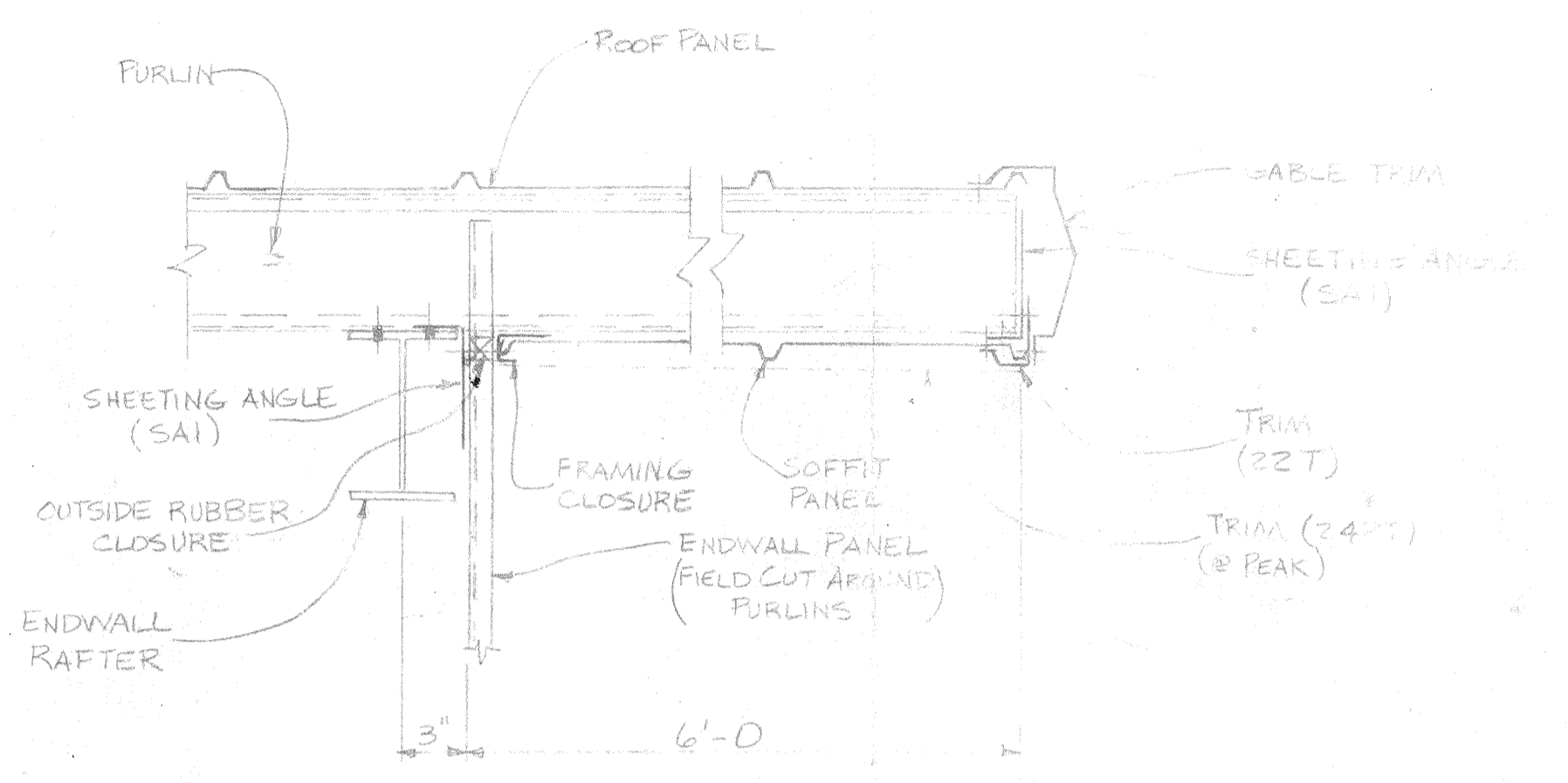
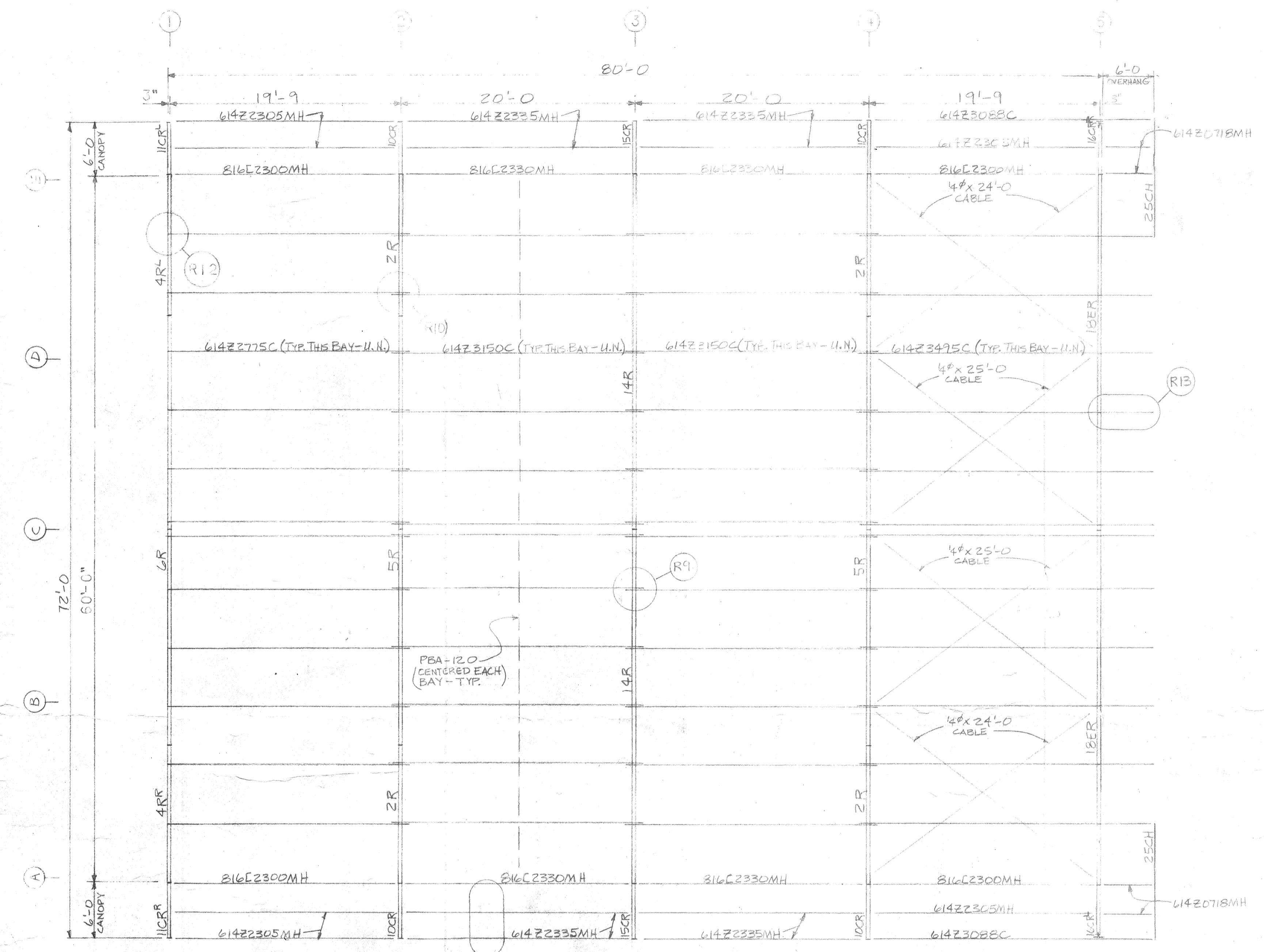


ENDWALL SHEETING ELEVATION

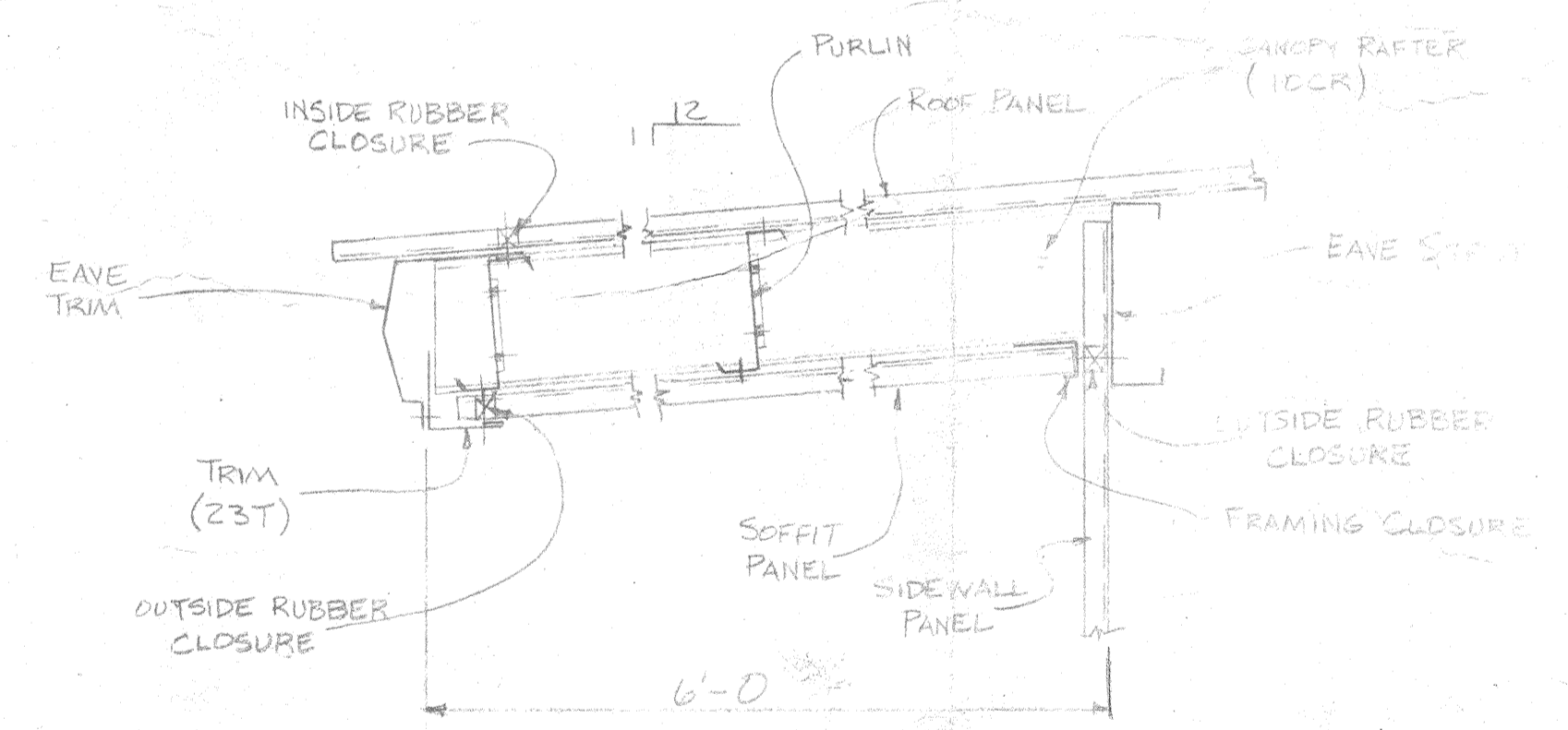
CUSTOMER: JERRY TEIGEN	DRAWN BY: JE
PROJECT REF.:	DATE: 10/13/81
BUILD. DESIGN: 60x80x12	CHECKED BY: RL
JOB SITE: TUSUNGA, CA	DATE: 10-27-81
LOADS: 30LL, 20V	BY: E2
SCALE: 1/4" = 1'-0"	NOV 17 1981
MANUAL: D-5-001512	

GENERAL NOTES

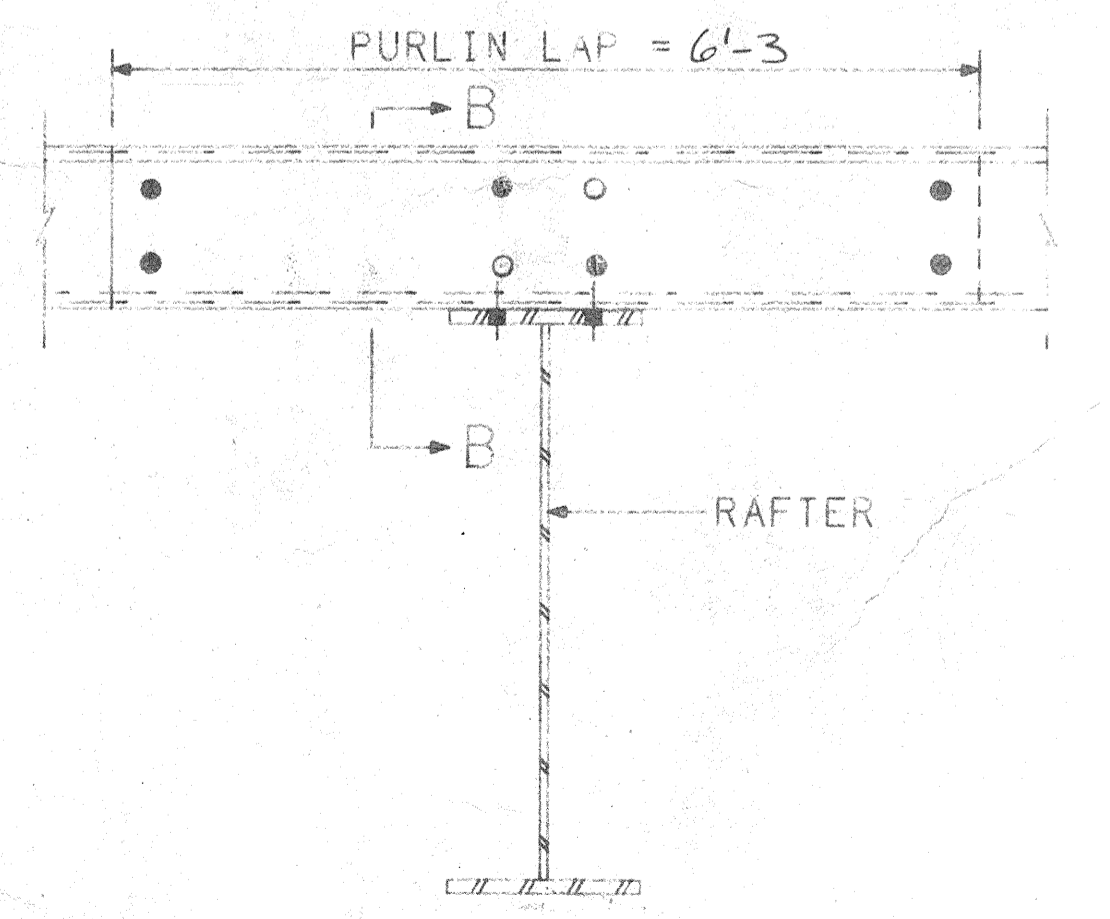
1. ROOFING SHALL BE 20' GAUGE GALVALUME PANELS.
2. ALL PANELS SHALL BE FABRICATED FROM MATERIAL HAVING A MINIMUM YIELD STRESS OF 80,000 P.S.I.
3. ALL LIGHT GAGE STEEL SHALL BE FABRICATED FROM MATERIAL HAVING A MINIMUM YIELD STRESS OF 80,000 P.S.I.
4. ALL DIAGONAL BRACES SHALL BE FABRICATED FROM 4" X 4" SQUARE STEEL TUBING. ALL BRACES SHALL BE WELDED TO THE RAFTERS AND PURLINS. BRACES SHALL BE WELDED TO THE RAFTERS AND PURLINS. BRACES SHALL BE WELDED TO THE RAFTERS AND PURLINS.
5. PARTIAL ROOF PANELS SHALL BE ATTACHED TO THE STRUCTURAL MEMBERS WITH #10 (1.315) SELF-DRILLING FASTENERS AT 12" O.C. WITH 1/2" DIA. BOLTS.
6. PURLINS ARE 6" Z 14 GA; EAVE STRUTS ARE 6" C 16 GA.



DETAIL R13
SECTION THRU 6'-0" OVERHANG
ALL BOLTS 1/2" X 14 A307

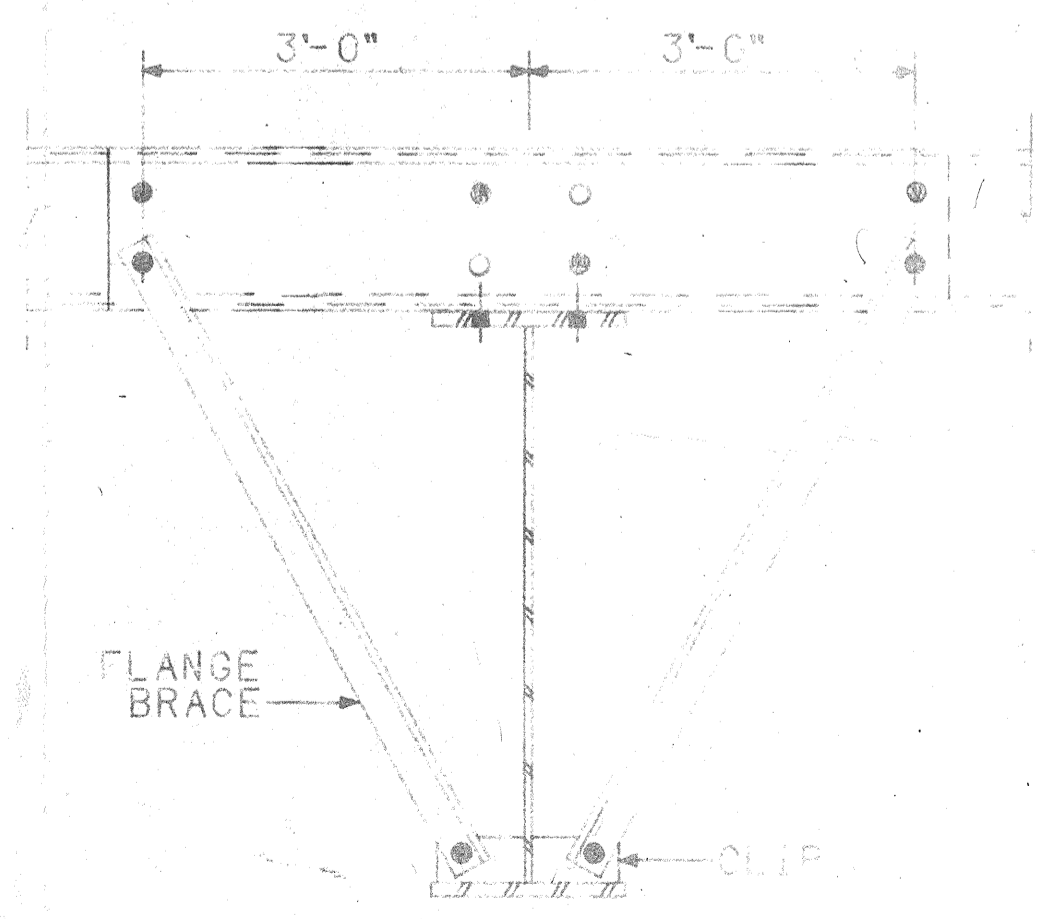


DETAIL R14
SECTION THRU 6'-0" CANOPY
ALL BOLTS 1/2" X 14 A307

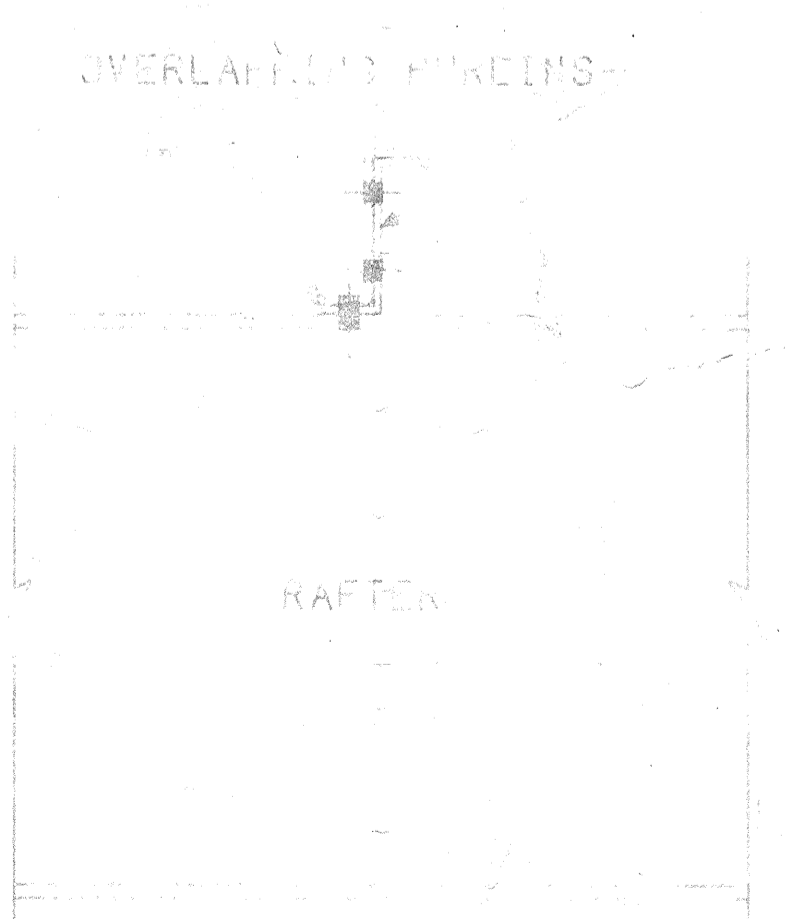


ALL BOLTS SHALL BE 1/2 IN. DIA. M. BOLTS ALL BOLTS SHALL BE 1/2 IN. DIA. M. BOLTS

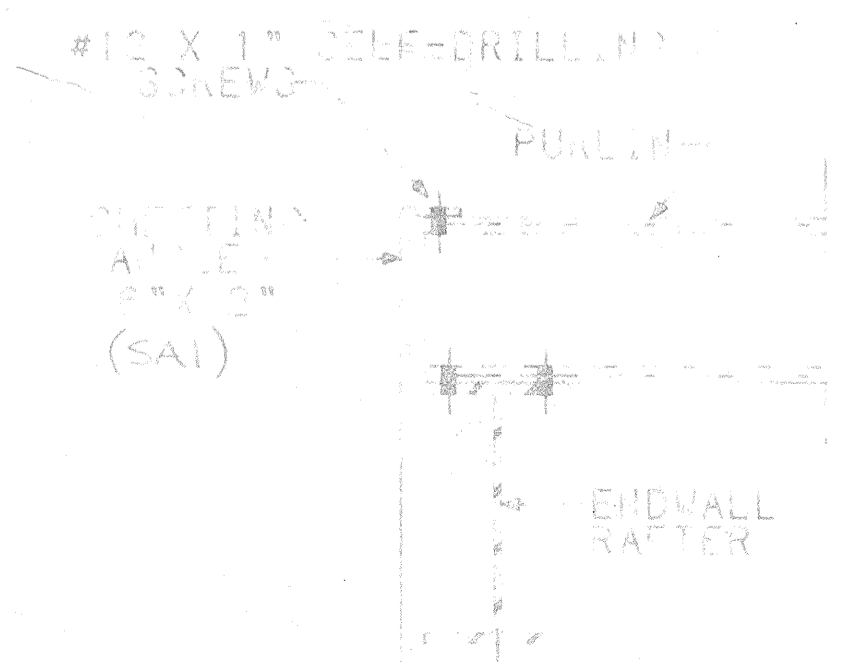
DETAIL R9



DETAIL R10



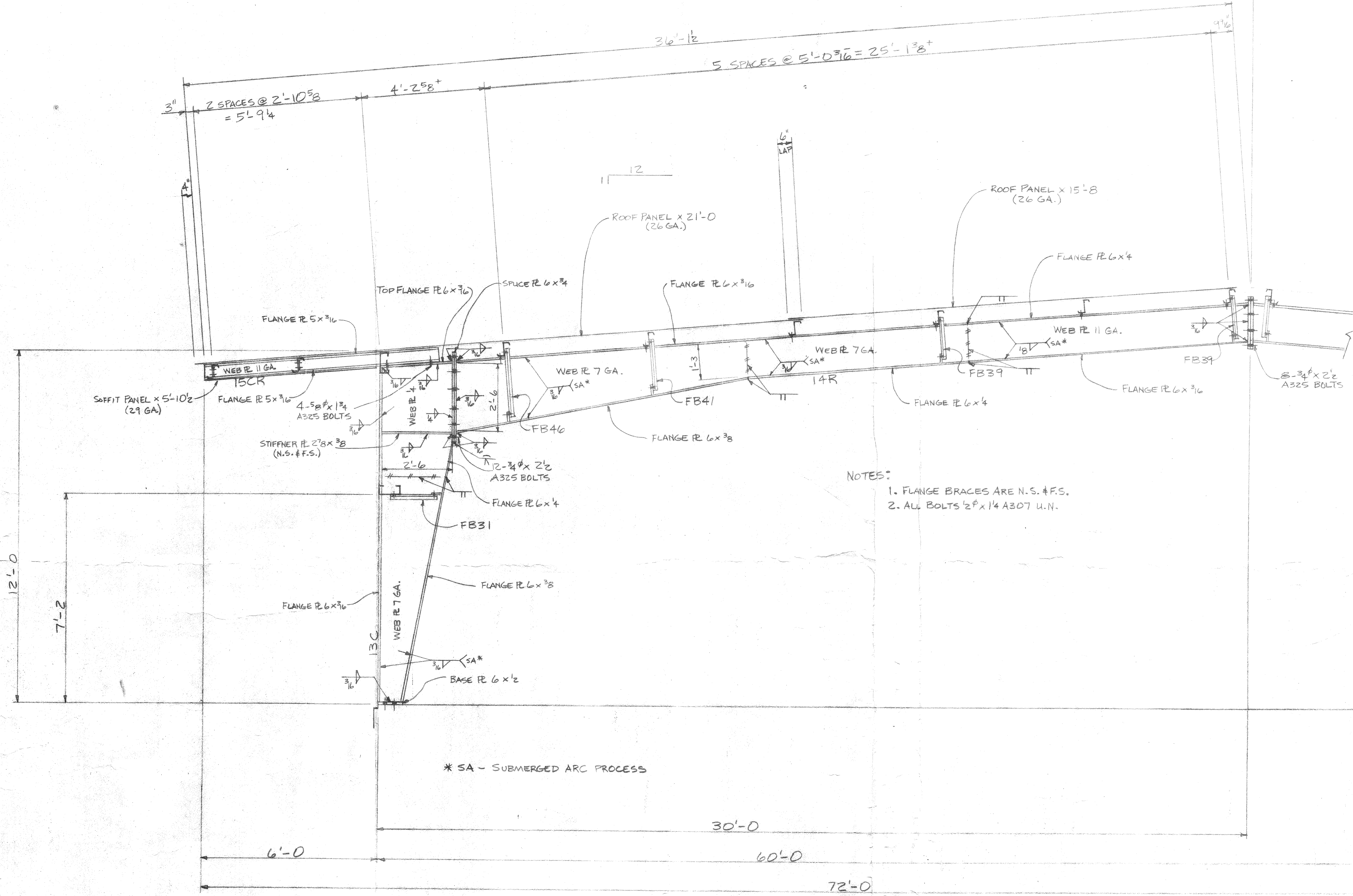
DETAIL R11



DETAIL R12

DATE	NOV 17 1981
BY	
CHECKED	
APPROVED	
SCALE	

E SYM. ABOUT



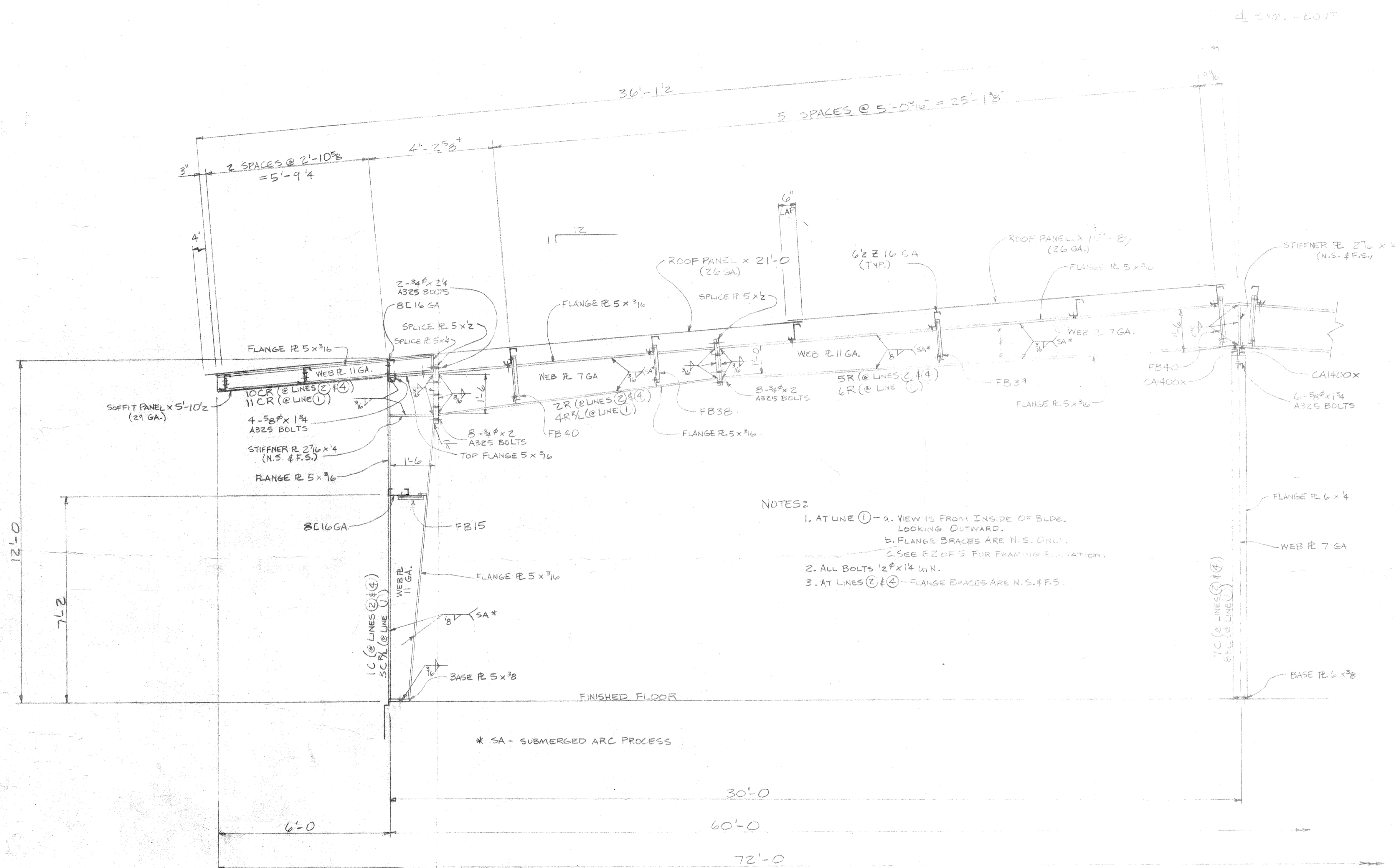
- NOTES:
1. FLANGE BRACES ARE N.S. #F.S.
 2. ALL BOLTS 1/2\"/>

* SA - SUBMERGED ARC PROCESS

MAIN FRAME SECTION
AT LINE ③

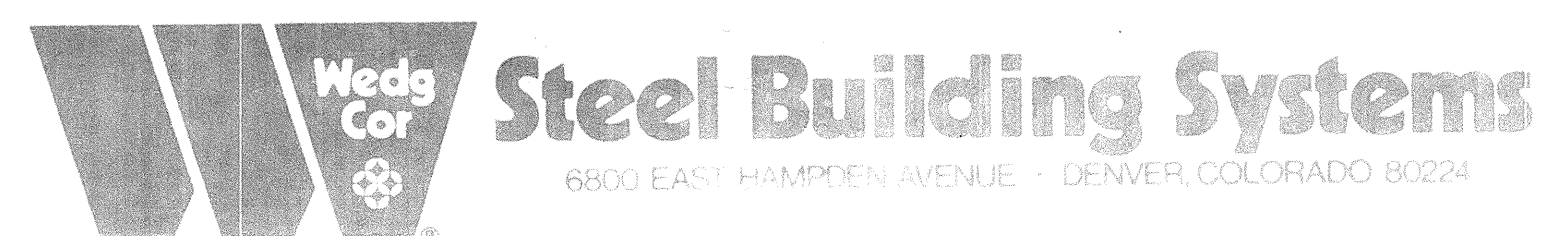


REV.	DESCRIPTION:	BY:	DATE:	CUSTOMER:	DATE:	DRAWN:
				JERRY TEIGEN	10/13/81	DB
				PROJECT REF:		
				BLDG. DESCR: 60 x 80 x 12		CKD: RP
				JOB SITE: TUSUNGA, CA		DATE: 10-21-81
				LOADS: ROLL ROYAL	DWG. SCALE: NONE	DWG: E 4 OF 6
				P.O. D-5-001512		NOV 17 1981

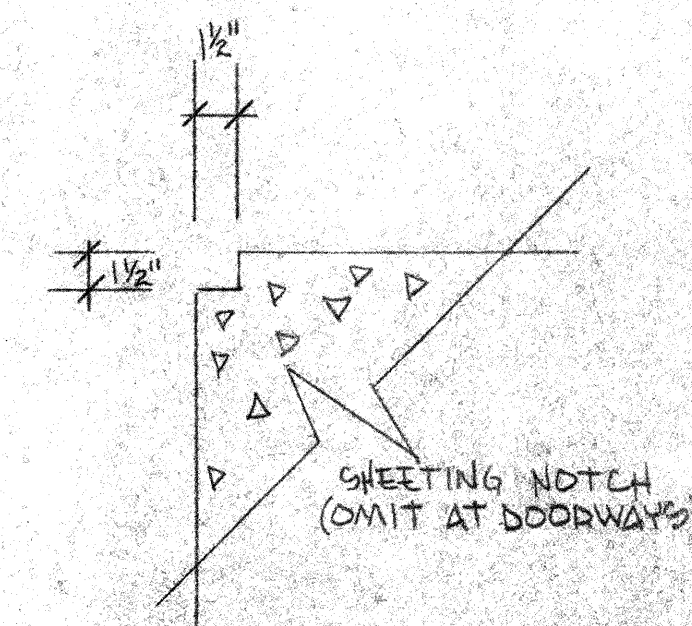
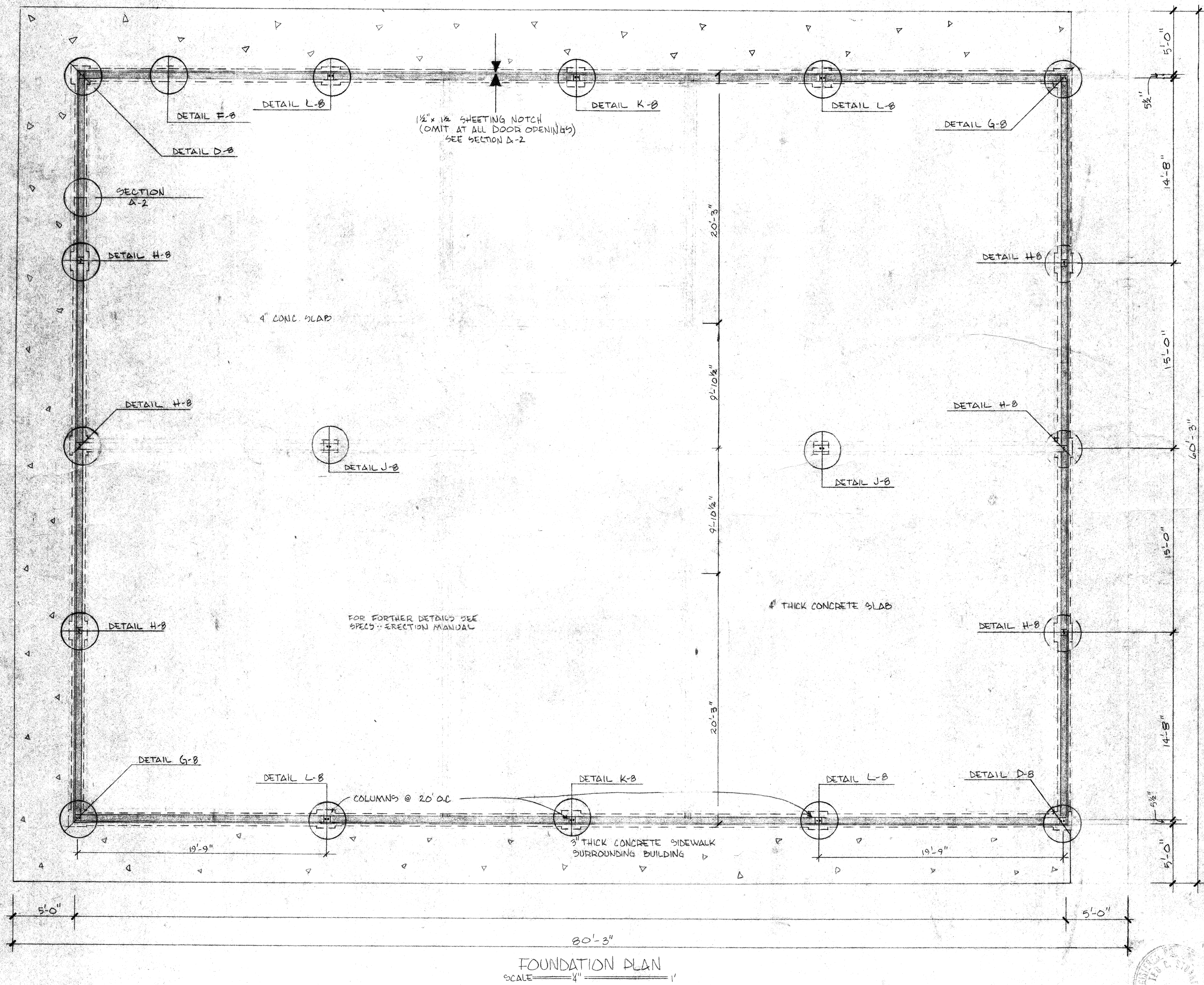


- NOTES:
1. AT LINE ① - a. VIEW IS FROM INSIDE OF BLDG. LOOKING OUTWARD.
b. FLANGE BRACES ARE N.S. ONLY.
c. SEE E2 OF 5 FOR FRAMING ELEVATION.
 2. ALL BOLTS 1/2" x 14 U.N.
 3. AT LINES ② & ④ - FLANGE BRACES ARE N.S. & F.S.

MAIN FRAME # FULL FRAME ENDWALL SECTION
AT LINES ①, ② & ④



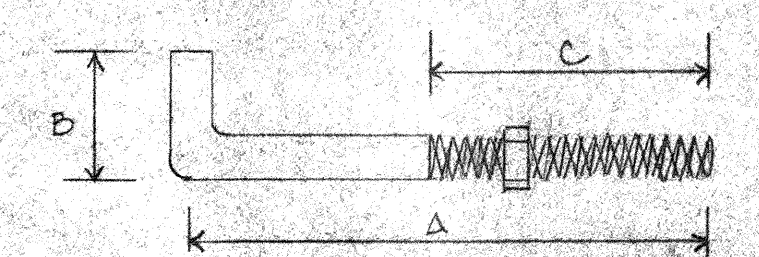
REV.	DESCRIPTION:	BY:	DATE:	CUSTOMER:	DATE:
				TERRI TEIGEN	10/17/18
				PROJECT REF:	
				BLDG. DESCR: 60 x 30 x 12	CKD: 10/18
				JOB SITE: TUNDRA, CA	DATE: 9/18
				LOADS: 50 PSF DEAD, 20 PSF WIND	DWG SCALE: 1/8" = 1'-0"
				NO DATED	DWG PLOT: 1
					NOV 17



SECTION A-2
SCALE = 1/2" = 1'

NOTES!!

1. ALL REACTIONS ARE GIVEN IN KIPS (1,000 LBS.)
2. REACTIONS ARE FOR BUILDING, THOSE FOR FOUNDATION WILL BE EQUAL & OPPOSITE.
3. THE VERTICAL REACTION OF THE ENDWALL COLUMN IS FOR DEADLOAD PLUS LIVELOAD W/ AN ENDWALL RAFTER & COLUMN AS FRAMING.
4. THE HORIZONTAL REACTION IS FROM WIND PRESSURE ON THE ENDWALL. FOR WIND IN THE OPPOSITE DIRECTION A SECTION OF 62% OF THAT VALUE CAN OCCUR.
5. ALL ANCHOR BOLTS SHALL PROJECT FROM SAME ELEVATION UNLESS NOTED.
6. ALL CONCRETE & CONSTRUCTION SHALL BE BY OWNER/BUILDER.



ANCHOR BOLT SCHEDULE

QTY.	DIA. IN.	LENGTH IN.	A IN.	B IN.	C IN.	PROJ. IN.
	3/4	16.0	12.0	4.0	4.0	2.0
	5/8	14.0	10.0	4.0	4.0	2.0
	1/2	10.0	8.0	2.0	4.0	2.0
	7/8	20.0	16.0	4.0	4.0	2.0

PARDONAL SCHOOL FOR
St. Stephen Ev. Luth. Church
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REP. G.J. CLASEN
2125 RECHE RD., FALLBROOK
728-7955 #BI-96962

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DESIGN A LINE
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