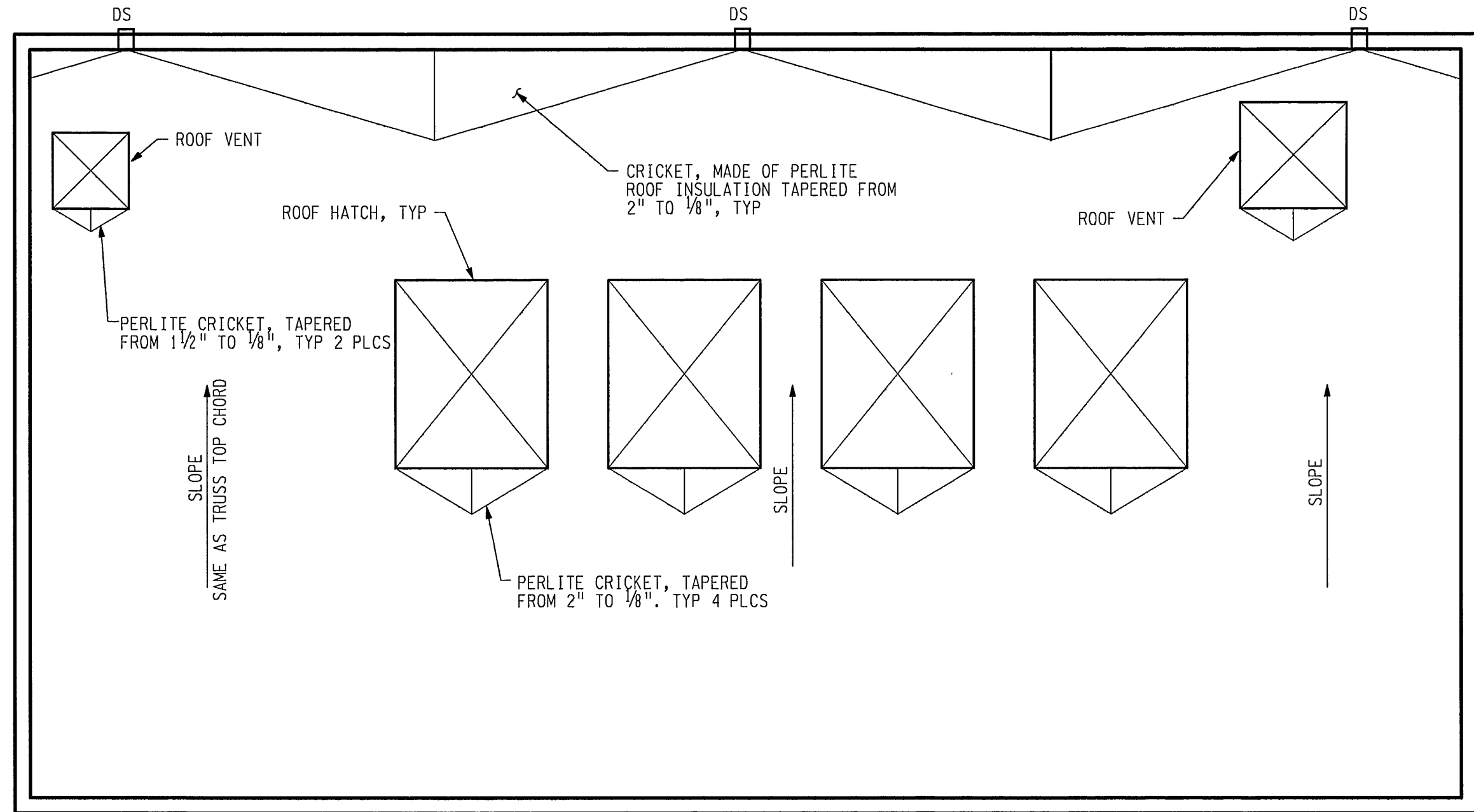
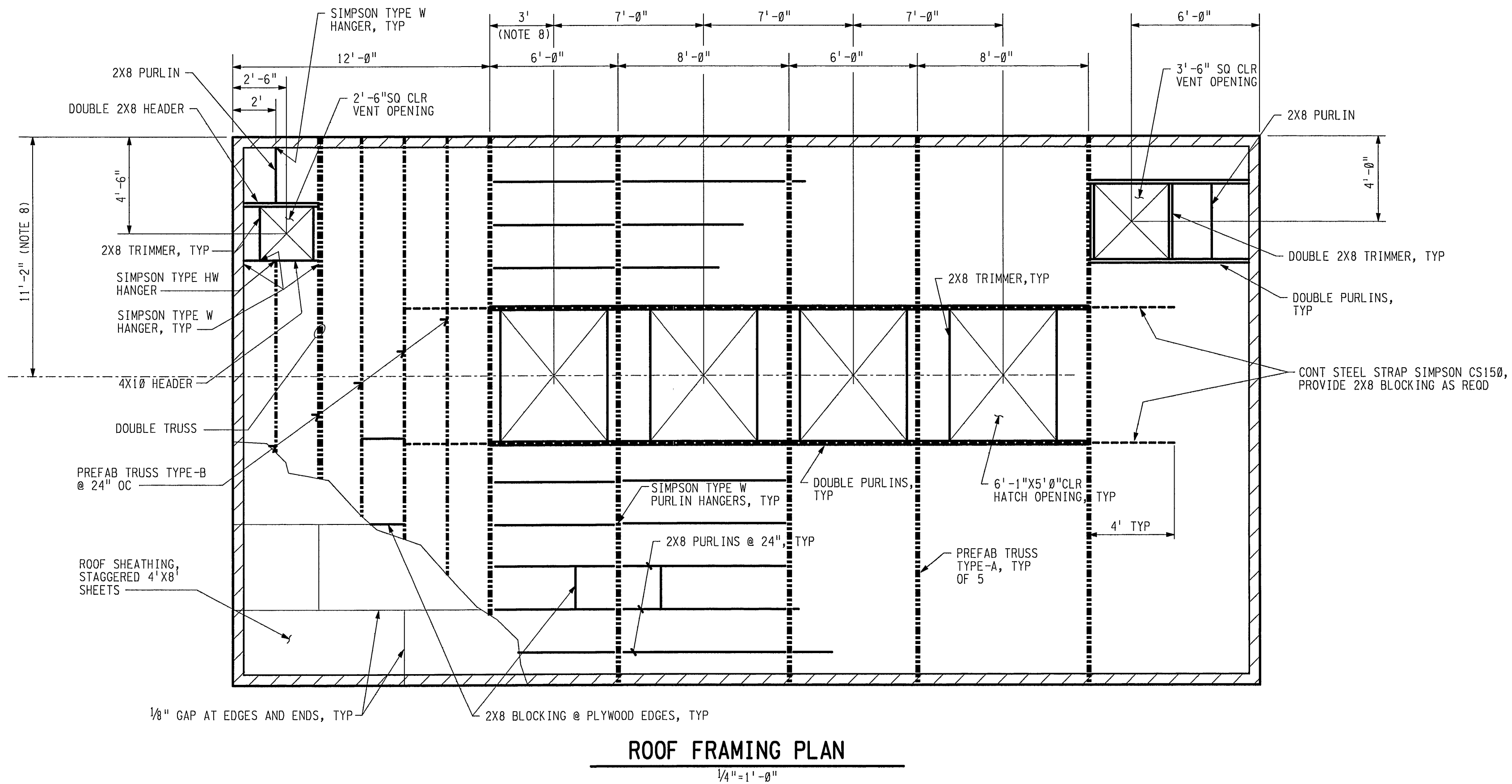
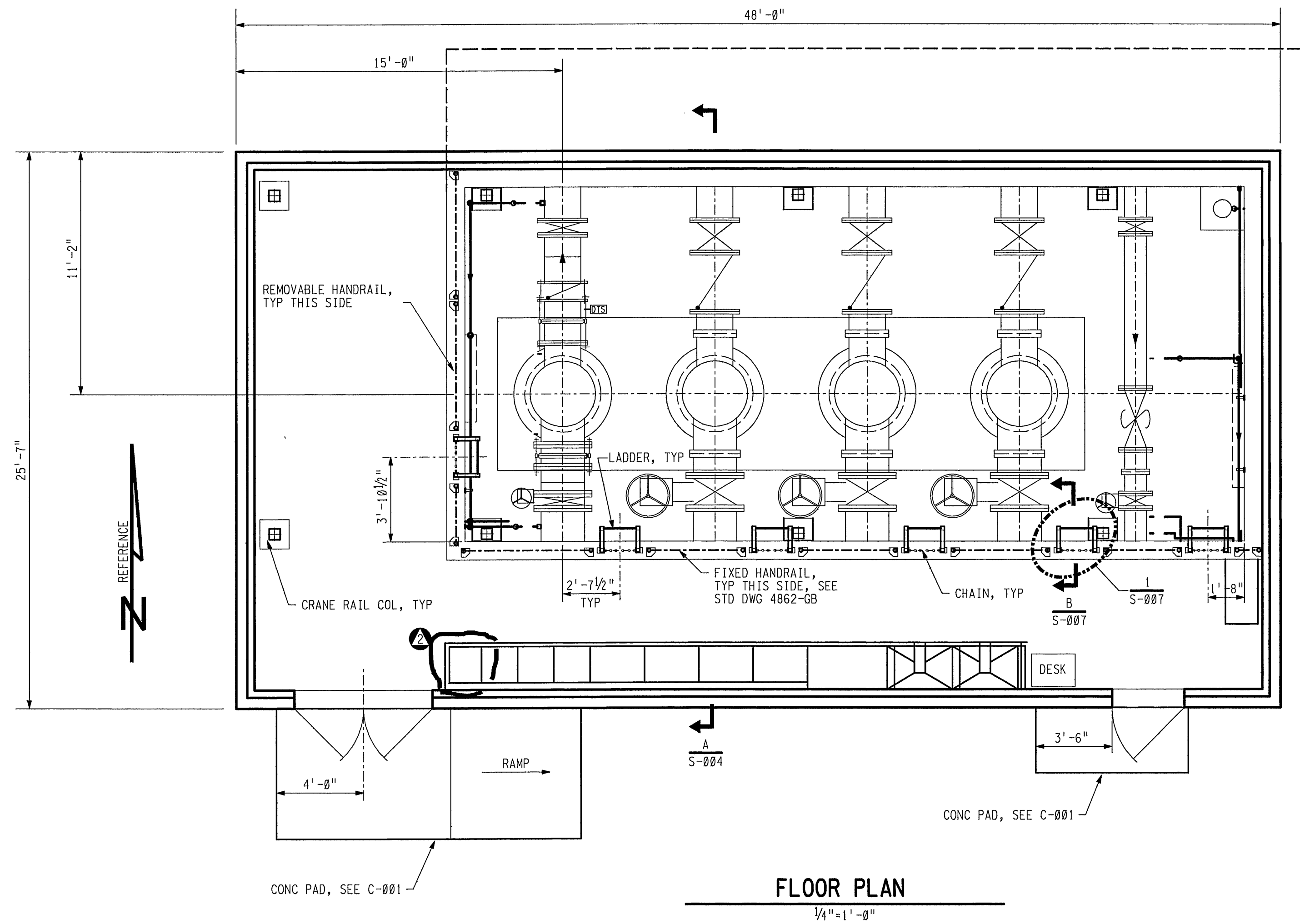


USER: OEC
DATE: 07-01-99
FILE: 0495002.R02
PLOT SCALE: AS=48
REF 1: 0495001.R02
REF 2: 0495001.R02
REF 3: 0495001.R02
REF 4: 0495002.R02
REF 5: 0495002.R02
REF 6: 0495003.R02



ROOF DRAINAGE PLAN
1/4"=1'-0"

NOTES

- DESIGN ROOF LIVELOAD=40 PSF, UNIFORM. POINT LOAD=400 LB.
- DO NOT PLACE PUMPS, MOTORS, OR OTHER HEAVY EQUIPMENT ON THE ROOF, EITHER DURING OR AFTER CONSTRUCTION.
- TOP PLATE SHALL BE CONSTRUCTED WITH 12 FT OR LONGER SECTIONS. LAP SPLICE OF TOP AND BOTTOM PLATE SHALL BE 4 FT MINIMUM.
- TRUSSES SHALL BE DESIGNED TO RESIST LOAD COMBINATIONS SPECIFIED IN 1991 UNIFORM BUILDING CODE WITH THE FOLLOWING DATA:
 - A. TOP CHORD LIVE ----- 40 PSF
 - B. TOP CHORD DEAD ----- 20 PSF
 - C. WIND LOAD ----- 20 PSF
 - D. BOTTOM CHORD DEAD --- 8 PSF
 - E. BOTTOM CHORD DEAD PT LOAD @ FAN COIL UNIT IN ADDITION TO UNIFORM DEAD LOAD ----- 400 LBS
- MINIMUM BOTTOM CHORD MEMBER SIZE SHALL BE 2X6. DESIGN CALCULATIONS FOR TRUSSES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION OF TRUSSES.
- ALL LUMBER SHALL BE DOUGLAS FIR-LARCH NO. 2 OR BETTER, UNLESS OTHERWISE SPECIFIED.
- SEE SCHEDULE SHEET S-008 FOR DESCRIPTION OF ROOF AND WALL SHEATHING.
- INSTALL METAL CROSS BRACING ON ALL TYPE-B TRUSSES, SIMPSON NC METAL BRIDGING OR EQUAL. INSTALL METAL KNEE BRACES ON ALL TYPE-A TRUSSES, SIMPSON VB OR EQUAL. BRACING AND BRIDGING SHALL BE INSTALLED AT THIRD POINTS OF THE SPAN.
- PRIOR TO FRAMING ROOF, VERIFY DIMENSION AND MODIFY AS NEEDED TO ALIGN HATCH CENTER WITH PUMP CENTER.
- AT LOCATIONS WITH A PURLIN ON EACH SIDE OF THE SUPPORTING MEMBER, PURLIN HANGERS SHALL BE OF THE SADDLE TYPE.

A MICROFILM COPY OF THE ORIGINAL DRAWING WITH ORIGINAL SIGNATURES CAN BE FOUND IN ENGINEERING RECORDS.	
DESIGNED BY	X. IRIAS
DESIGN CHECKED BY	S. WELCH
DRAWN BY	PBC
REVIEW	
SR. CIVIL ENGR.	B. BODE
R.P.E. NO. C 27714	
PROJECT ENGR.	G. PERRY
R.P.E. NO. M 15546	
RECOMMENDED ACTING MGR. OF DESIGN	G. ZITO
R.P.E. NO. E 11116	
APPROVED ASST. CHIEF ENGR.	D.M. DIEMER
R.P.E. NO. C 29111	

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA	
BAYVIEW PUMPING PLANT UPGRADE	
STRUCTURAL	
FLOOR PLAN, ROOF FRAMING PLAN AND ROOF DRAINAGE PLAN	
PROJECT CODE: 049	1423-S-002
SCALE: AS SHOWN	2
DATE: 16 SEP 92	STRUC. DISC. NUMBER REV.

NO.	DATE	IN SERVICE	AS-BUILT	INS.	REV.	OEC	CP	XJI
1	15 JUL 99	IN SERVICE	AS-BUILT	INS.	REV.	OEC	CP	XJI
2	25 JAN 95	IN SERVICE	AS-BUILT	INS.	REV.	OEC	CP	XJI
3	12-96-93	IN SERVICE	AS-BUILT	INS.	REV.	OEC	CP	XJI

3" ON ORIGINAL DOCUMENT
0 1 2 3