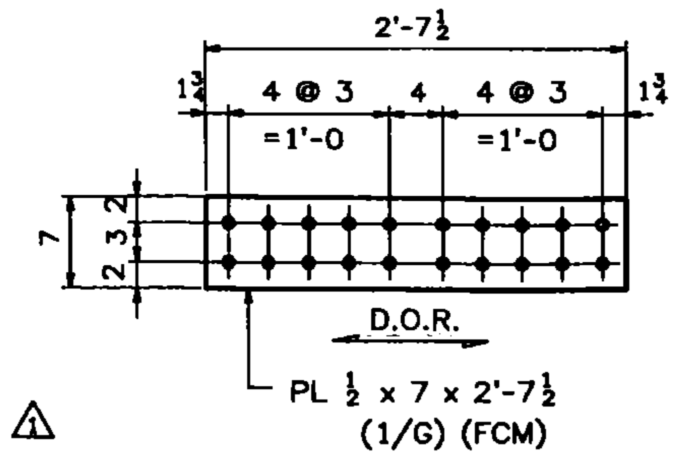
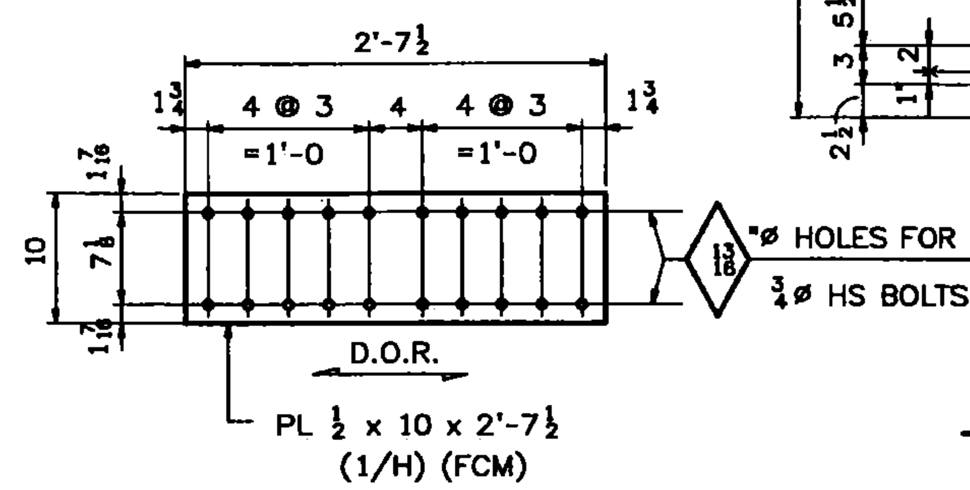
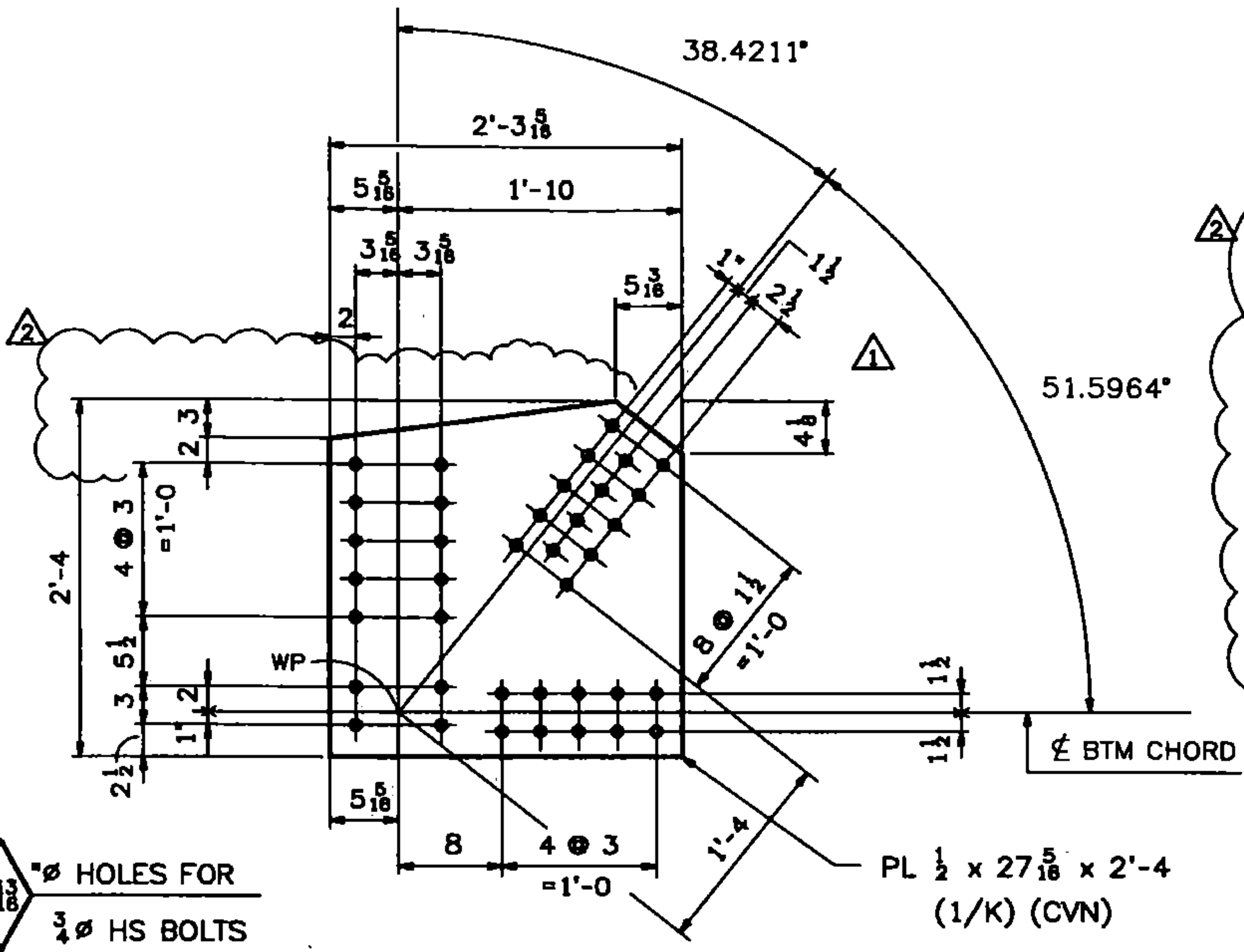
126 STRUCTURAL STEEL



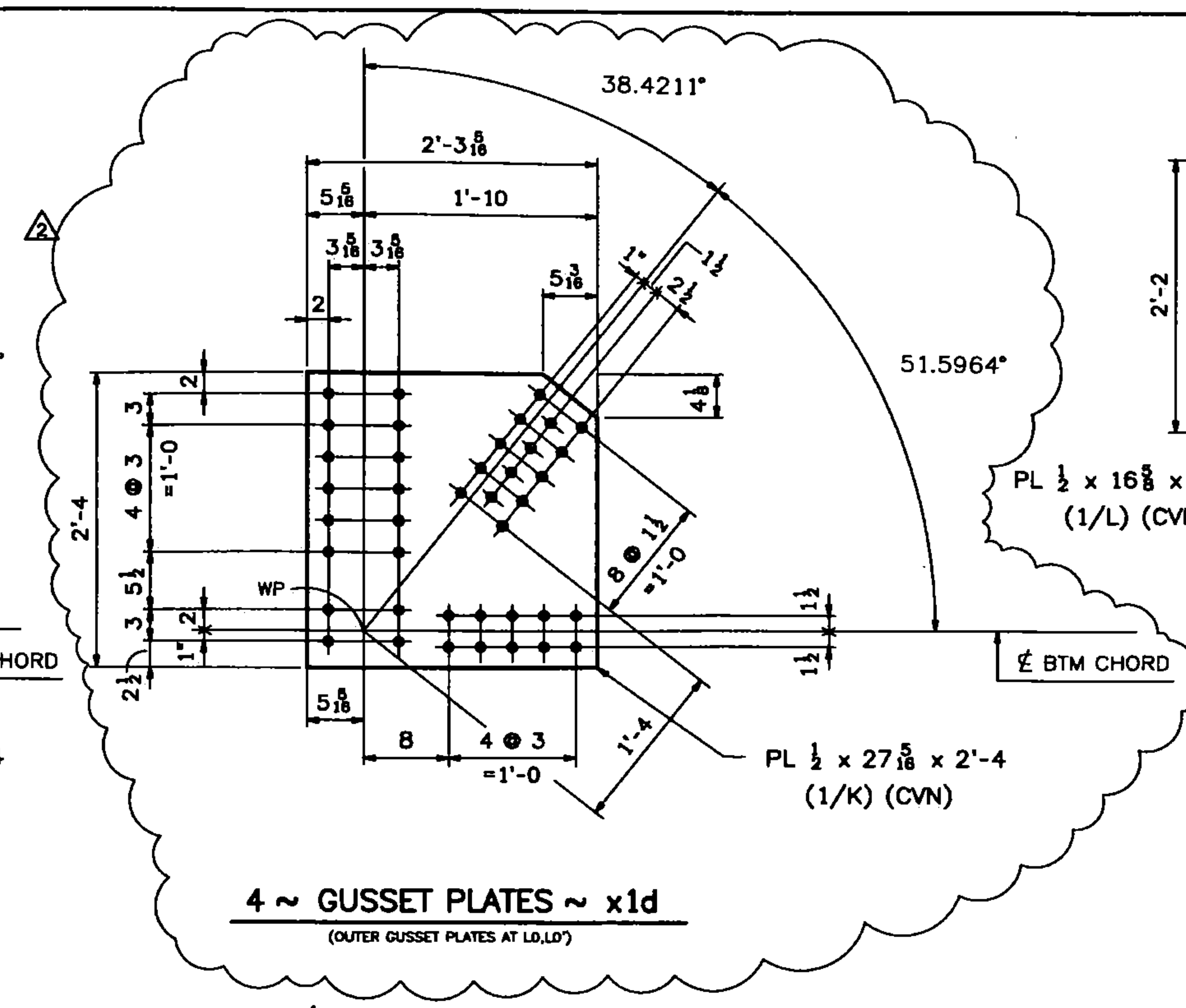
8 ~ SPLICE PLATES ~ x1a
(WEB SPLICE PLATES NEAR L2, L2')



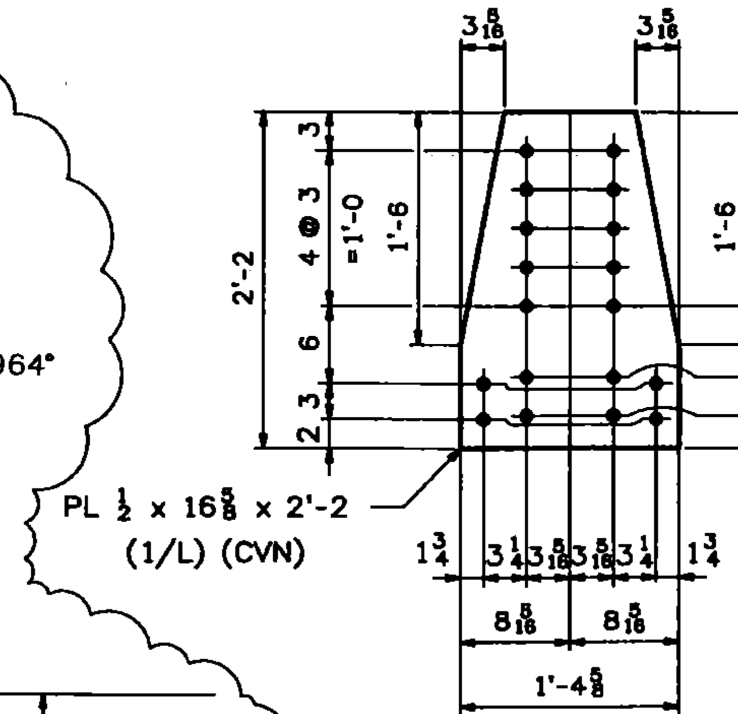
8 ~ SPLICE PLATES ~ x1b
(FLANGE SPLICE PLATES NEAR L2, L2')



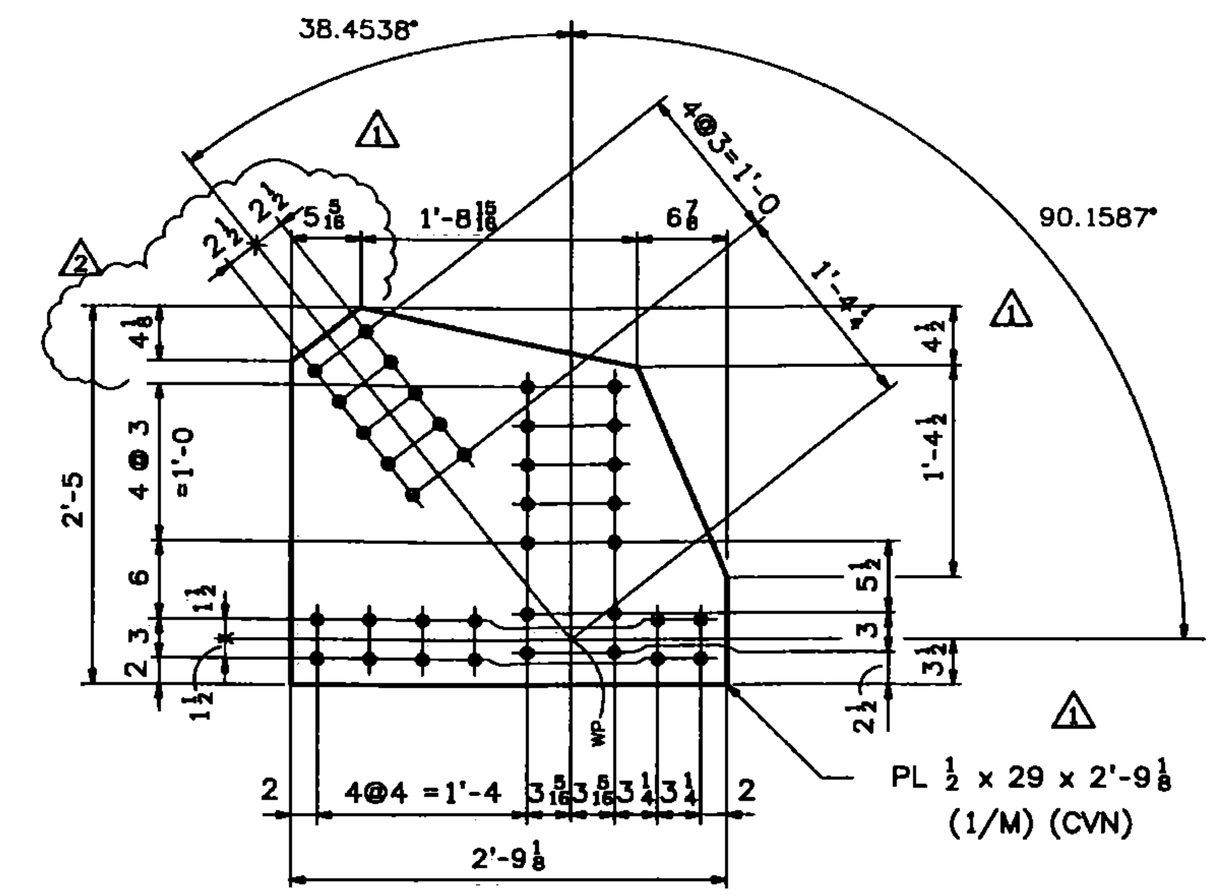
4 ~ GUSSET PLATES ~ x1c
(INNER GUSSET PLATES AT L0,L0')



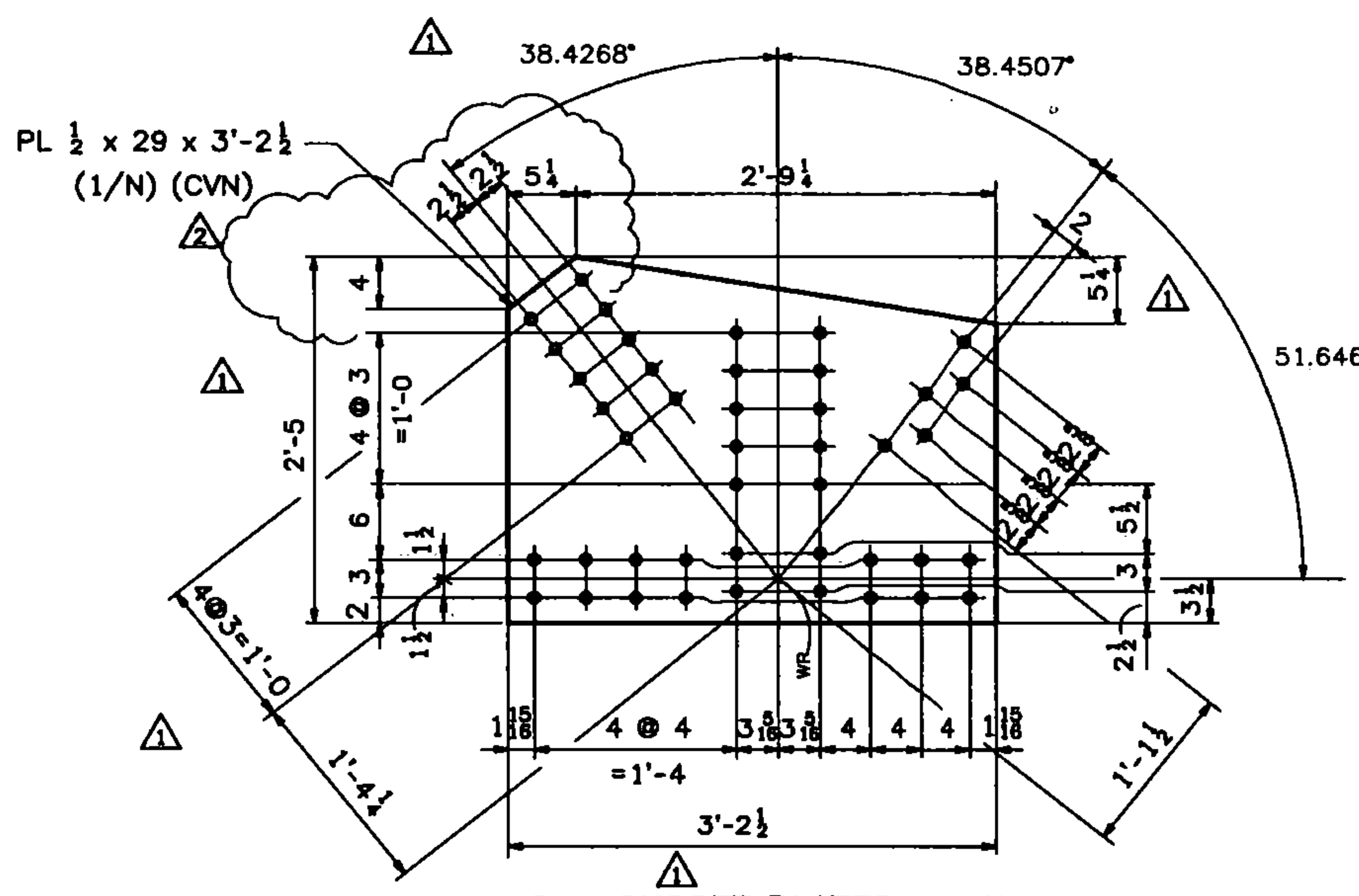
4 ~ GUSSET PLATES ~ x1d
(OUTER GUSSET PLATES AT L0,L0')



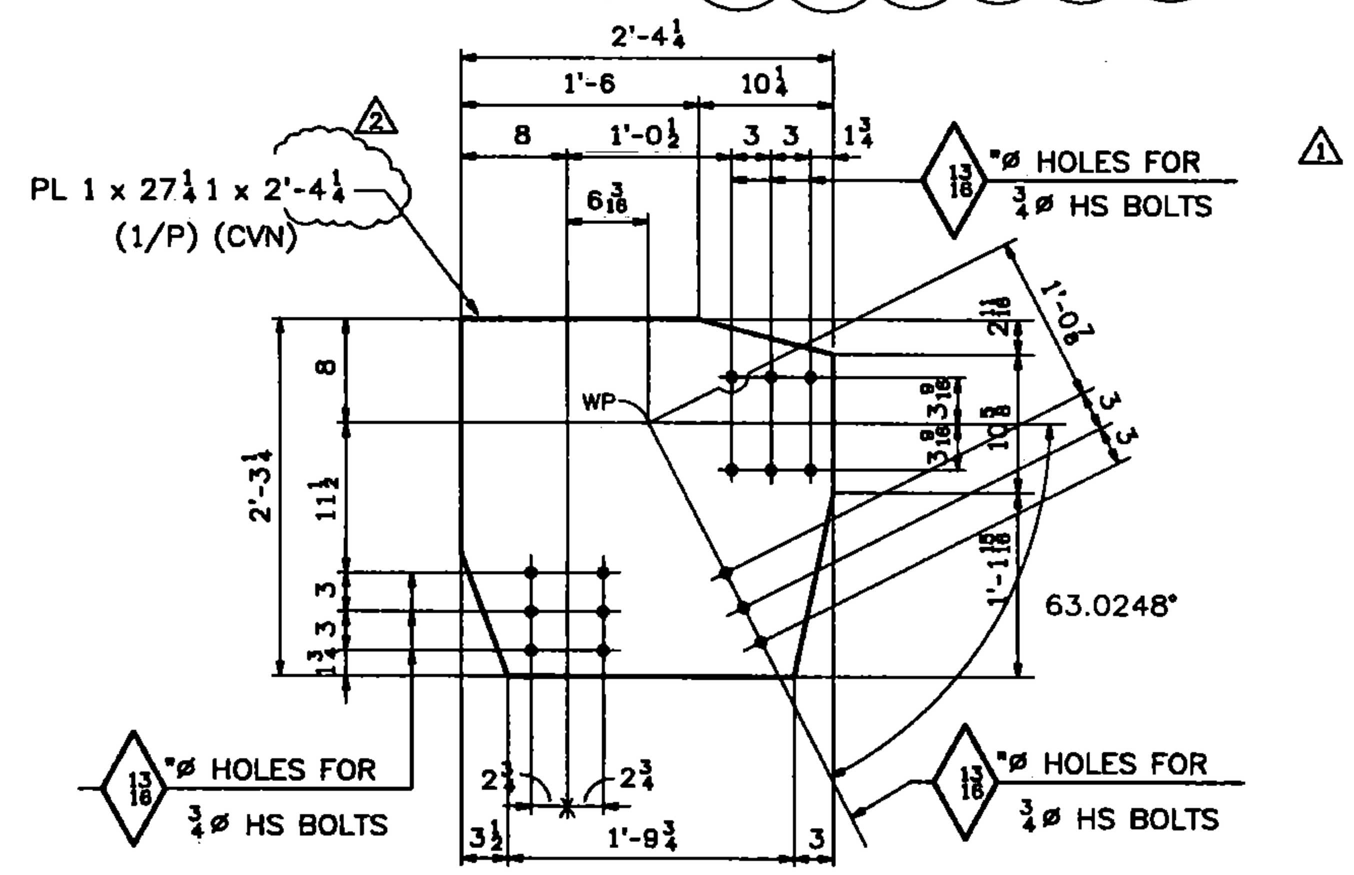
8 ~ GUSSET PLATES ~ x1f
(GUSSET PLATES AT L1,L1')



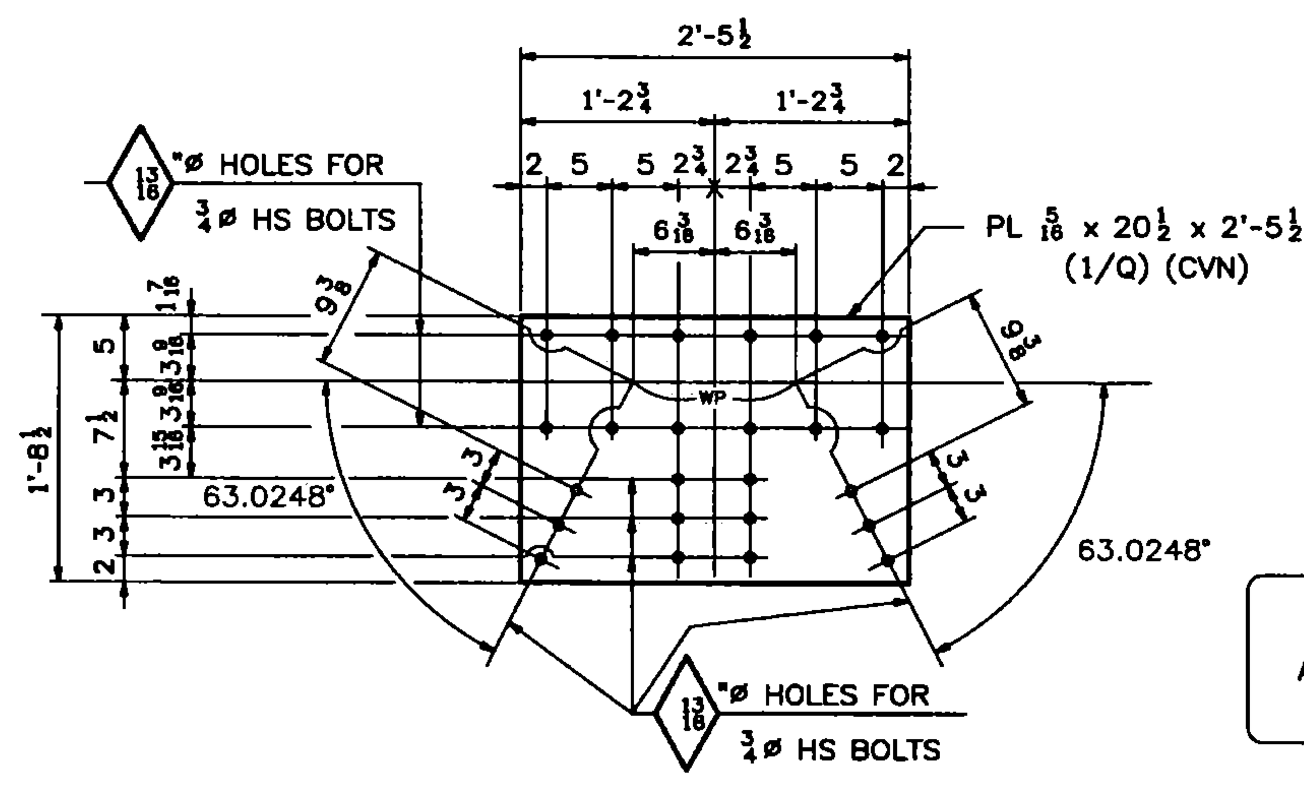
8 ~ GUSSET PLATES ~ x1g
(GUSSET PLATES AT L2,L2')



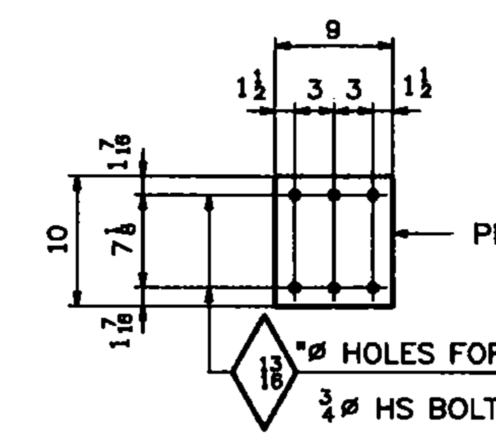
8 ~ GUSSET PLATES ~ x1h
(GUSSET PLATES AT L3,L3')



4 ~ GUSSET PLATES ~ x1k
(GUSSET PLATES AT L0,L0')
(FLOOR END PLATE)



12 ~ GUSSET PLATES ~ x1n
(GUSSET PLATES AT L1,L2,L3,L3',L2',L1')
(TYPICAL FLOOR PLATE)



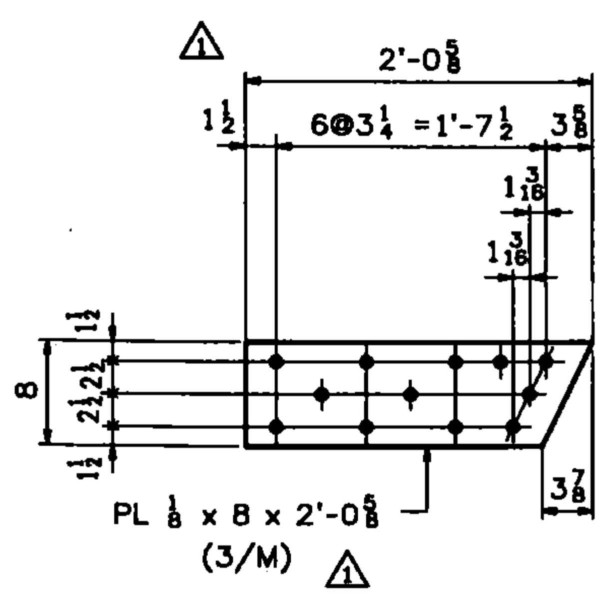
52 ~ TAB PLATES ~ x1p
(@ BOTTOM OF BOTTOM CHORDS)

SHOP NOTE:

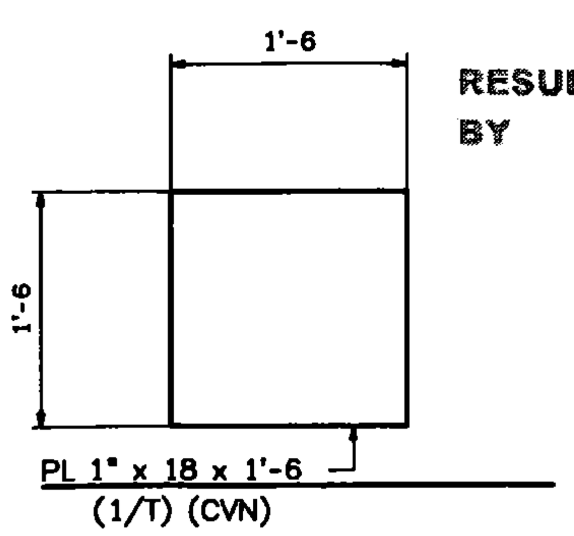
ALL STEEL PARTS ON THIS DRAWING SHALL BE GALVANIZED

NOTES:

1. FOR GENERAL NOTES SEE DWG. GN1.
2. CVN - DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TESTING.
3. FCM - DENOTES FRACTURE CRITICAL MATERIAL.
D.O.R. - DENOTES DIRECTION OF MILL ROLLING.

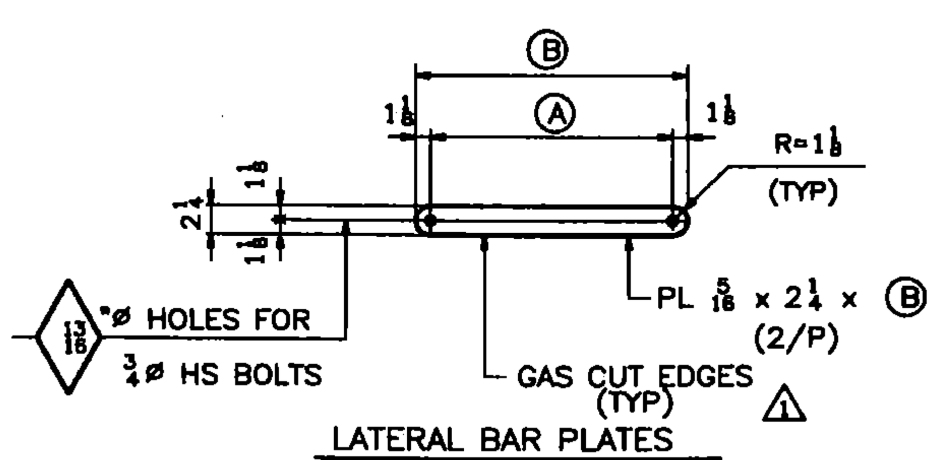


8 ~ FILL PLATES ~ x1y
(PORTAL TOP CHORD AT U1,U1')



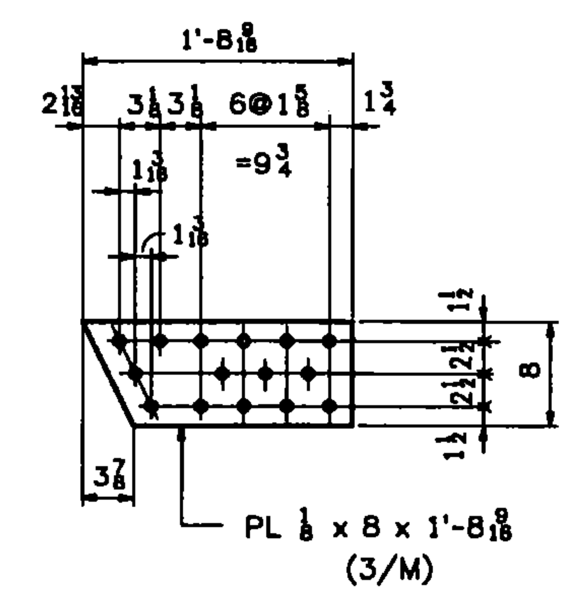
4 ~ SOLE PLATES ~ x1t
(@ L0,L0')

Vermont Agency of Transportation
RECEIVED
CK'D BY TCF OK'D BY SSS
7:43 am, Apr 12, 2011
RESUBMIT BY KMH APPROVED X DATE 4-12-11



LATERAL BAR PLATES

	MARK	REQ'D	Ⓐ	Ⓑ
(@ DIAGONALS)	x1v	128	1'-6 9/16	1'-8 13/16
(@ DIAGONALS)	x1w	16	1'-5 7/8	1'-8⅛



8 ~ FILL PLATES ~ x1aa
(PORTAL TOP CHORD AT U1,U1')

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
2	03/23/11	REVISED AS PER APPROVAL COMMENTS	JM	PWR		
1	02/28/11	REVISED AS PER APPROVAL COMMENTS	JM	PWR		
0						

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270-50 (U.N.)	SEE DWG GN1	15/16 ø(U.N.)	NONE

DESCRIPTION: LOWER CHORD & DIAGONAL STANDARDS

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179
TENSOR 3015

STRUCTURE:	Vermont Route 100A Bridge No. 14 Bridgewater County of Windsor	DRAWN: RB	DATE: 9/20/10
		CHKD: WJL	DATE: 10/14/10
LOCATION:	BRIDGEWATER, VERMONT	JOB NO.	DWG NO.
PROJ NO.	BRS 0149(4)	454	X1
CUSTOMER:	VT AOT		REV. 2