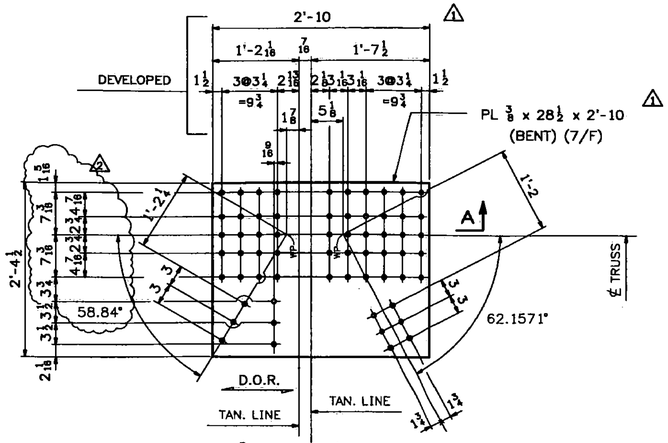
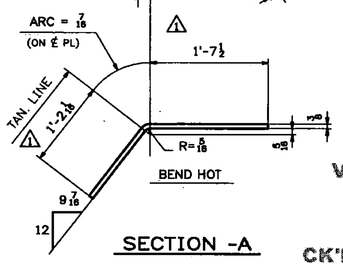
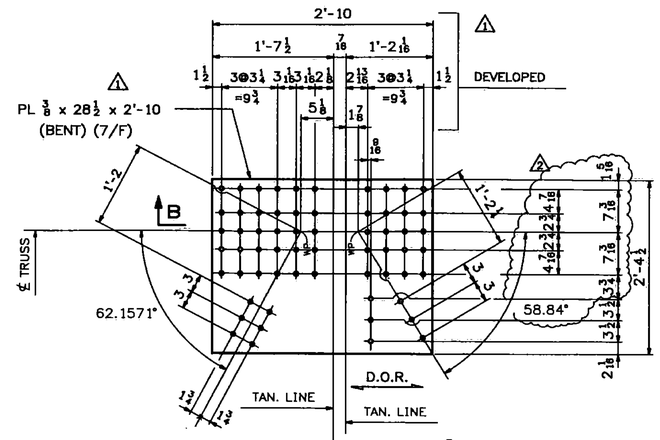
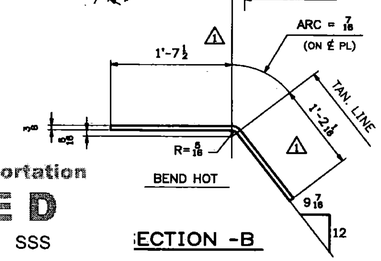
129 STRUCTURAL STEEL





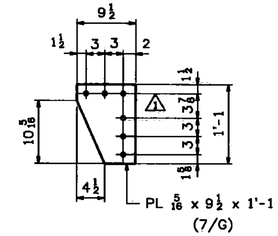
SECTION -A



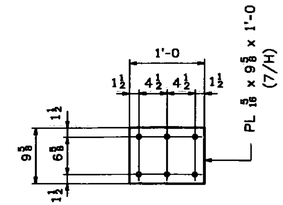


SECTION -B

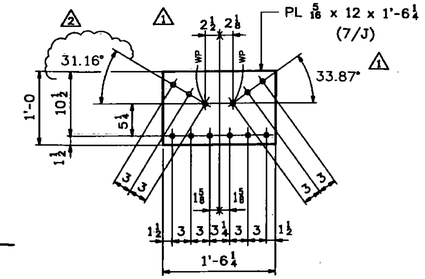
Vermont Agency of Transportation
RECEIVED
CK'D BY TCF OK'D BY SSS
7:43 am, Apr 12, 2011
RESUBMIT ..... APPROVED X
BY KMH DATE 4-12-11



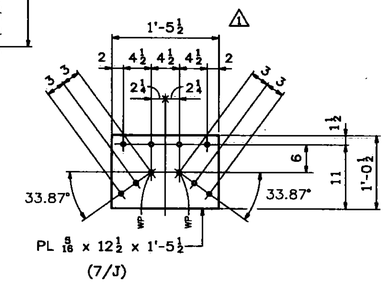
4 ~ GUSSET PLATES ~ x4c
(PORTAL PLATES AT U1,U1')



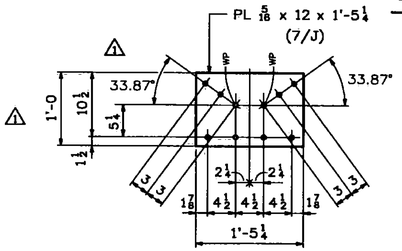
8 ~ WEB PLATES ~ x4d
(@ PORTAL)



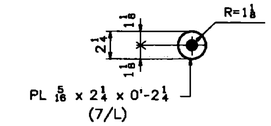
4 ~ GUSSET PLATES ~ x4g
(PORTAL GUSSETS)



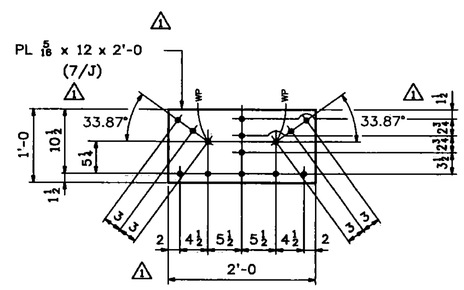
8 ~ GUSSET PLATES ~ x4h
(PORTAL GUSSETS)



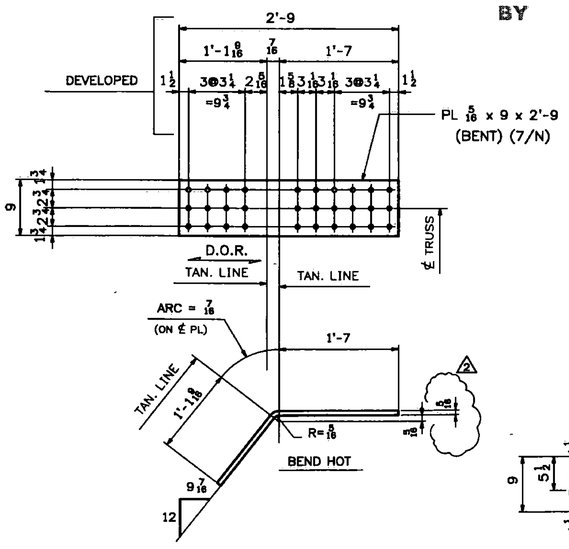
4 ~ GUSSET PLATES ~ x4k
(PORTAL GUSSETS)



132 ~ FILL PLATES ~ x4ab
(FILLS @ PORTAL WEB BARS)

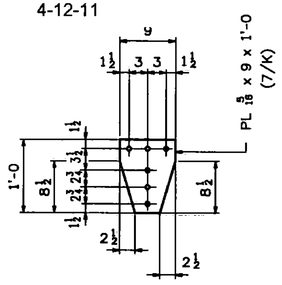


2 ~ GUSSET PLATES ~ x4m
(PORTAL GUSSETS)

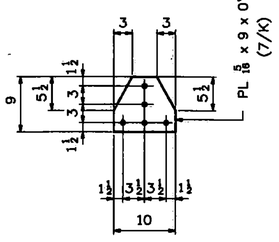


4 ~ SPLICE PLATES ~ x4ba
(TOP PLATES AT U1,U1')

2 ~ GUSSET PLATES ~ x4a
(TOP PLATES AT U1,U1')

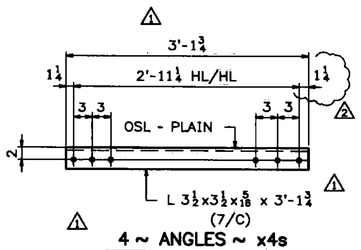


2 ~ GUSSET PLATES ~ x4n
(PORTAL GUSSETS)

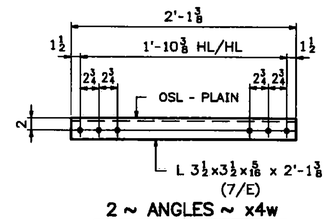


4 ~ GUSSET PLATES ~ x4p
(PORTAL GUSSETS)

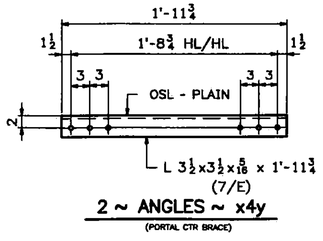
GUSSET PLATES ~ x4b
(TOP PLATES AT U1,U1')



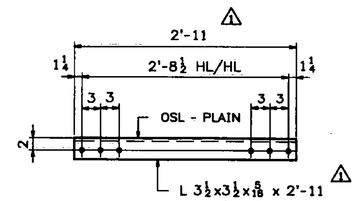
4 ~ ANGLES ~ x4s
(PORTAL DIAGONAL)



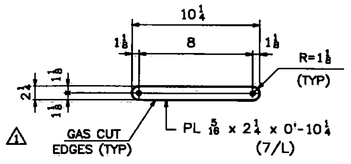
2 ~ ANGLES ~ x4w
(PORTAL CTR BRACE)



2 ~ ANGLES ~ x4y
(PORTAL CTR BRACE)



16 ~ ANGLES ~ x4v
(PORTAL DIAGONAL)



256 ~ WEB BARS ~ x4aa
(@ PORTAL)

SHOP NOTE:
ALL STEEL PARTS ON THIS DRAWING SHALL BE GALVANIZED

NOTES:
1. FOR GENERAL NOTES SEE DWG. GN1.
2. OSL - DENOTES OUTSTANDING LEG OF ANGLE.
D.O.R. - DENOTES DIRECTION OF MILL ROLLING.

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

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270-50	SEE DWG GN1	13/16 ø	NONE

DESCRIPTION: PORTAL 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: 10/6/10
		CHKD: WJL	DATE: 10/15/10
LOCATION:	BRIDGEWATER, VERMONT	JOB NO.	DWG NO.
PROJ NO.	BRS 0149(4)	454	X4
CUSTOMER:	VT AOT		REV. 2