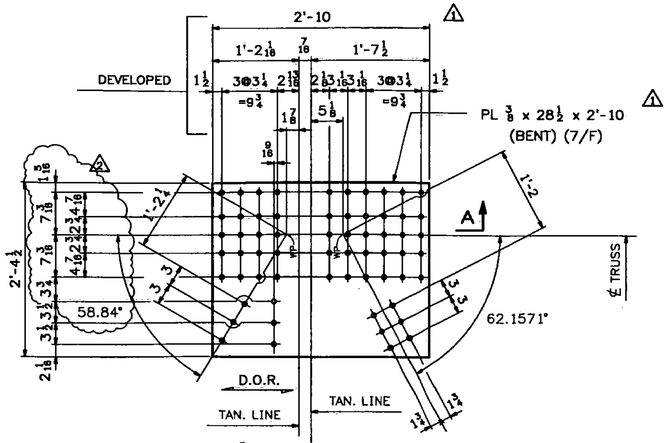
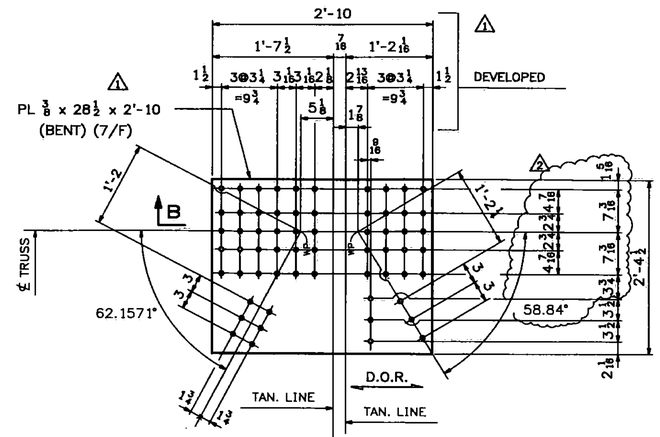
129 STRUCTURAL STEEL

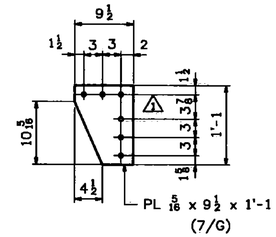



SECTION -A

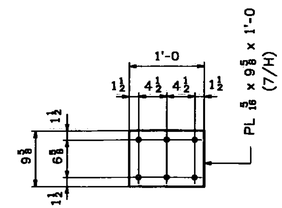



SECTION -B

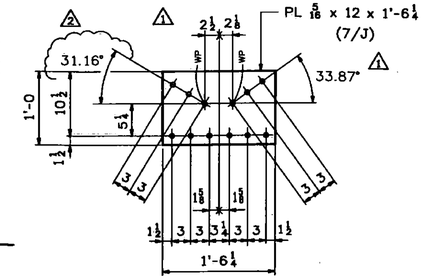
Vermont Agency of Transportation
RECEIVED
CK'D BY TCF OK'D BY SSS
7:43 am, Apr 12, 2011
RESUBMIT ..... APPROVED X
BY KMH DATE 4-12-11



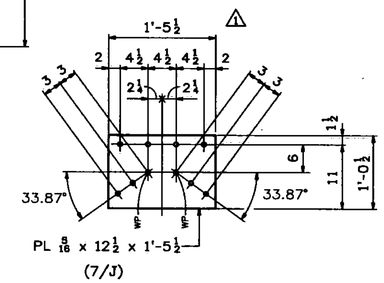

4 ~ GUSSET PLATES ~ x4c
(PORTAL PLATES AT U1,U1')



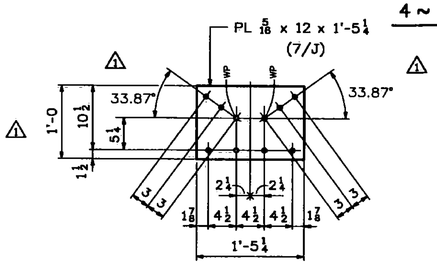

8 ~ WEB PLATES ~ x4d
(@ PORTAL)



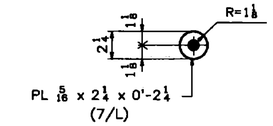

4 ~ GUSSET PLATES ~ x4g
(PORTAL GUSSETS)



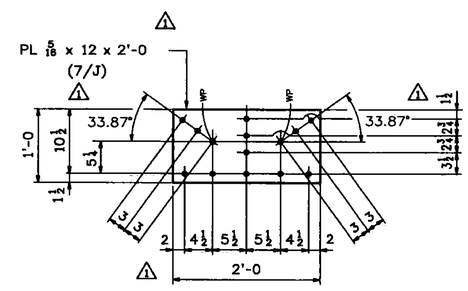

8 ~ GUSSET PLATES ~ x4h
(PORTAL GUSSETS)



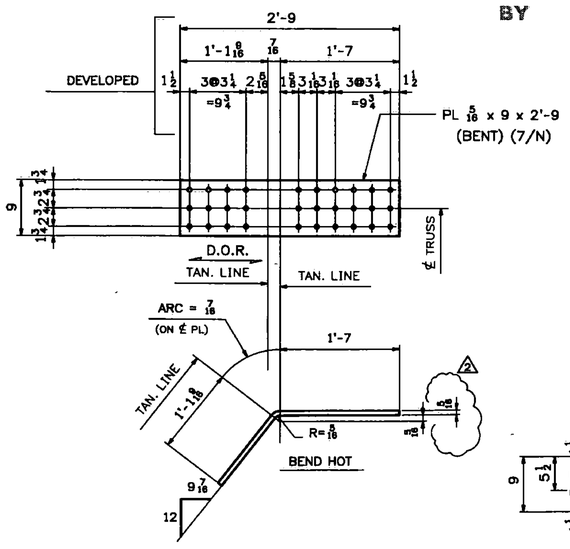

4 ~ GUSSET PLATES ~ x4k
(PORTAL GUSSETS)




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

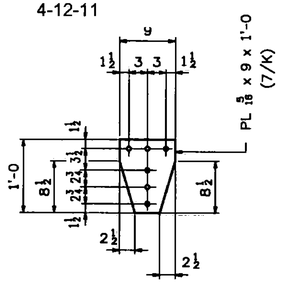



2 ~ GUSSET PLATES ~ x4m
(PORTAL GUSSETS)

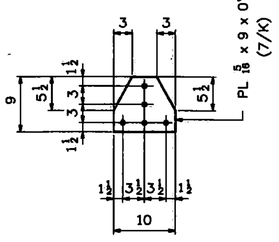



4 ~ SPLICE PLATES ~ x4ba
(TOP PLATES AT U1,U1')

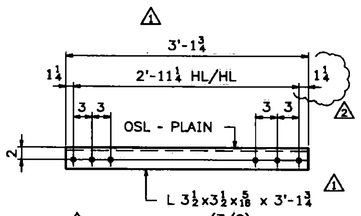
GUSSET PLATES ~ x4b
(TOP PLATES AT U1,U1')



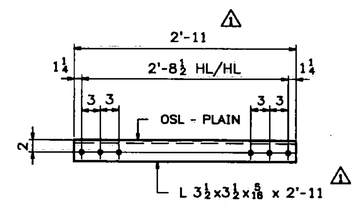

2 ~ GUSSET PLATES ~ x4n
(PORTAL GUSSETS)



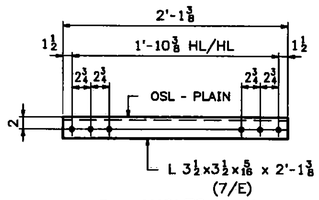

4 ~ GUSSET PLATES ~ x4p
(PORTAL GUSSETS)



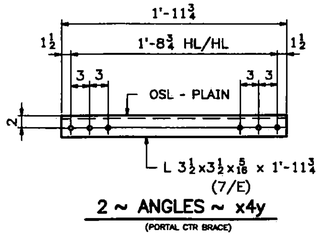

4 ~ ANGLES ~ x4s
(PORTAL DIAGONAL)



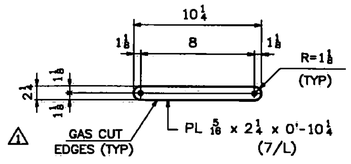

16 ~ ANGLES ~ x4v
(PORTAL DIAGONAL)




2 ~ ANGLES ~ x4w
(PORTAL CTR BRACE)




2 ~ ANGLES ~ x4y
(PORTAL CTR BRACE)




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 3010


| | | | |
|---|---|---|---|
| STRUCTURE: | Vermont Route 100A<br>Bridge No. 14<br>Bridgewater<br>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 |