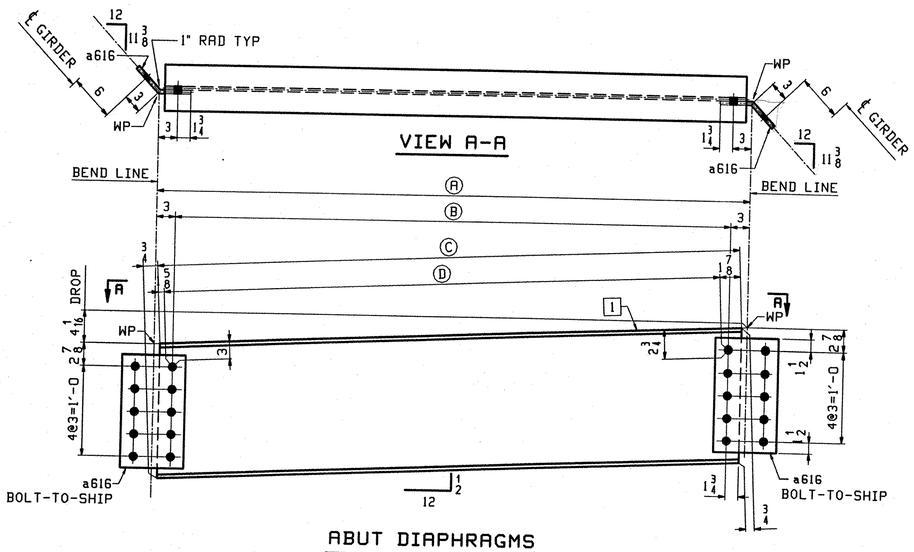
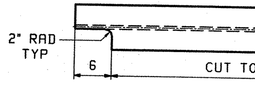


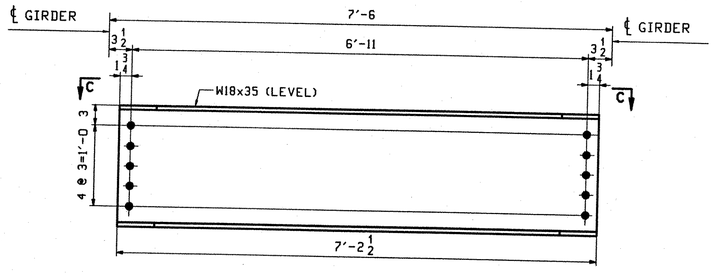

## ABUT DIAPHRAGMS

PAINTED SEE GN501

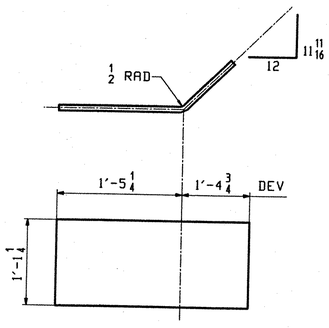
| MARK | REQ'D | A | B | C | D | 1 |
|---|---|---|---|---|---|---|
| 616D1 | 1 | 8'-3 7/16 | 7'-9 7/16 | 8'-1 | 7'-9 1/2 | b616 |
| 616D2 | 1 | 8'-3 5/16 | 7'-9 5/16 | 8'-0 7/8 | 7'-9 3/8 | c616 |
| 616D3 | 1 | 8'-3 1/4 | 7'-9 1/4 | 8'-0 13/16 | 7'-9 5/16 | d616 |
| 616D4 | 1 | 8'-3 1/8 | 7'-9 1/8 | 8'-0 11/16 | 7'-9 3/16 | f616 |




## VIEW C-C




## 40 ~ INT. DIAPHRAGMS ~ 616D5




## 5 ~ END PLATES ~ 616M1

| ABM INFO PAGE | ABM INFO LINE | SHIP MARK | QTY | MARK | MATERIAL | LENGTH FT | LENGTH INCHES | REMARKS | WT | PROCUREMENT NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 616D1 | 1 | | ABUT DIAPHRAGM | | | | 326 | |
| 604 | C | | 1 | b616 | W 18x35 | 8 | 1 3/4 | | | |
| 604 | E | | 2 | a616 | PL 1/2x15 | 0 | 9 1/2 | BENT | | |
| | | 616D2 | 1 | | ABUT DIAPHRAGM | | | | 325 | |
| 604 | C | | 1 | c616 | W 18x35 | 8 | 1 5/8 | | | |
| 604 | E | | 2 | a616 | PL 1/2x15 | 0 | 9 1/2 | BENT | | |
| | | 616D3 | 1 | | ABUT DIAPHRAGM | | | | 325 | |
| 604 | C | | 1 | d616 | W 18x35 | 8 | 1 9/16 | | | |
| 604 | E | | 2 | a616 | PL 1/2x15 | 0 | 9 1/2 | BENT | | |
| | | 616D4 | 1 | | ABUT DIAPHRAGM | | | | 325 | |
| 604 | C | | 1 | f616 | W 18x35 | 8 | 1 7/16 | | | |
| 604 | E | | 2 | a616 | PL 1/2x15 | 0 | 9 1/2 | BENT | | |
| | | | | | INT. DIAPHRAGMS | | | | | |
| 604 | B | 616D5 | 40 | | W 18x35 | 7 | 2 1/2 | | 252 | |
| | | | | | END PLATES | | | | | |
| 604 | H | 616M1 | 5 | | PL 1/4x13 1/4 | 2 | 10 | BENT | 32 | |

| REV. | REMARKS | DATE | DWN | CHK | APP | Q.A. | NO. | DIA. | LGT | TYPE | WASHER |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | OUT FOR APPROVAL | 10-9-01 | | | | | | | | | |
| | OUT FOR APPROVAL | | | | | | | | | | |
| | ISSUED TO SHOP | | | | | | | | | | |
| | FIELD & OFFICE | | | | | | | | | | |

| MATERIAL: | ELECTRODES: | HOLES: | SHOP BOLTS: |
|---|---|---|---|
| M270 GR 50W | | 15/16 ø (UN) | 7/8 ø (UN) |

SURFACE PREP. & PAINT:

-STEEL WITHIN 10'-0 OF ABUT 2 SHALL BE PAINTED (SEE GN501)
-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.

| DESCRIPTION: DIAPHRAGMS | DRAWN BY | DATE |
|---|---|---|
| JOB: BRIDGE NO. 50N<br>I-89 NB OVER U.S. ROUTE 2<br>I-89 IMPROVEMENTS<br>TOWN OF MIDDLESEX-BOLTON, VERMONT | BW | 09/26 |
| | CHKD BY | |
| | DO | 10/1 |
| | APPROV BY | |
| | SUPERVISOR | W. J. GATTI |
| PROJ NO. IM-089-2(26) | Q.A. | |
| CUSTOMER: VERMONT AGENCY OF TRANSPORTATION | | |

TENSOR 2108-N

**CASCO BAY STEEL STRUCTURES, INC.**

75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179

| JOB NO. | DRG. NO. |
|---|---|
| 123-50N | 616 |
| | REV. △ |

TVGA
Engineering, Surveying, P.C.

☒ NO EXCEPTIONS TAKEN ☐ REJECTED
☐ FURNISH AS CORRECTED
☐ REVISE AND RESUBMIT

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such review does not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.

BY: _____
DATE: 01-16-2002

BW Thu Oct 4 15:07:17 EDT 2001 /users/jobs/2108-N/GIS : Rev0