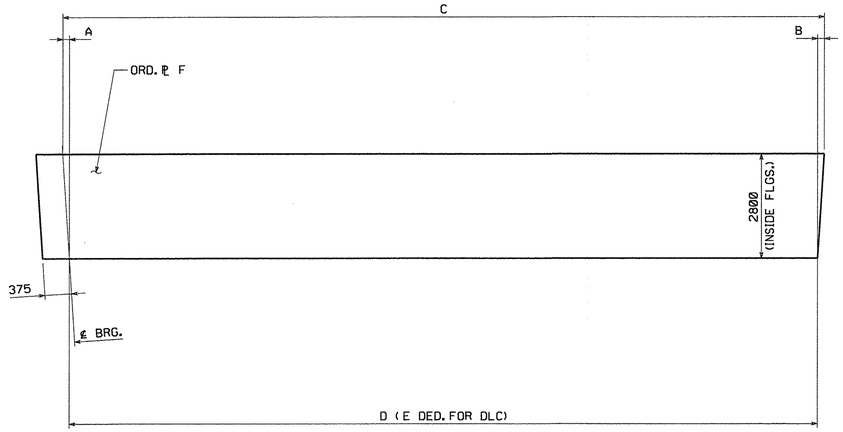
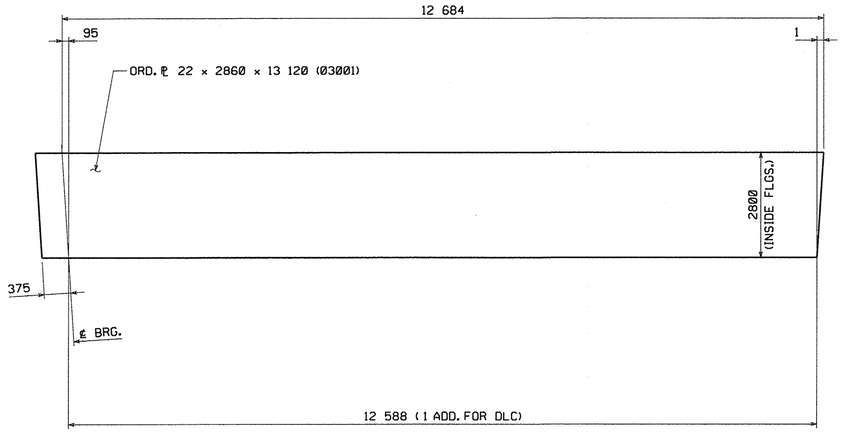
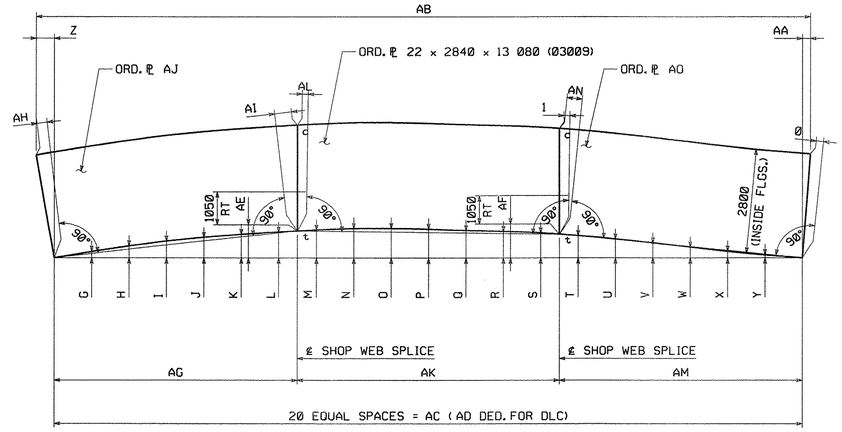
METRIC




| MARK | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| G1A | 99 | 1 | 12 504 | 12 404 | 0 | 22 x 2840 x 12 960 (03011) |
| G2A | 101 | 0 | 12 565 | 12 464 | 1 | 22 x 2860 x 13 120 (03001) |
| G3A | 99 | 0 | 12 624 | 12 525 | 1 | 22 x 2860 x 13 120 (03001) |
| G5A | 96 | 1 | 12 746 | 12 649 | 0 | 22 x 2840 x 13 180 (03005) |
| G6A | 97 | 2 | 12 808 | 12 709 | 1 | 22 x 2840 x 13 240 (03005) |

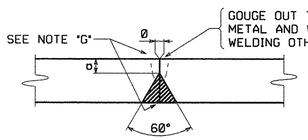



CAMBER DIAGRAM - G4A




| MARK | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG | AH | AI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1B | 7 | 13 | 19 | 24 | 28 | 31 | 33 | 35 | 35 | 34 | 33 | 31 | 29 | 26 | 22 | 17 | 12 | 7 | 3 | 10 | 6 | 38 149 | 38 133 | 15 | 33 | 27 | 13 016 | 3 | 7 |
| G2B | 9 | 16 | 22 | 27 | 31 | 34 | 36 | 38 | 39 | 39 | 38 | 36 | 33 | 29 | 25 | 20 | 15 | 10 | 5 | 13 | 7 | 38 339 | 38 319 | 17 | 36 | 31 | 13 015 | 5 | 8 |
| G3B | 9 | 16 | 22 | 28 | 34 | 38 | 40 | 41 | 42 | 42 | 42 | 39 | 36 | 32 | 27 | 22 | 17 | 11 | 5 | 14 | 8 | 38 528 | 38 506 | 18 | 39 | 34 | 13 015 | 6 | 8 |
| G4B | 9 | 18 | 26 | 33 | 38 | 42 | 45 | 46 | 47 | 47 | 46 | 43 | 40 | 36 | 31 | 25 | 18 | 11 | 5 | 14 | 8 | 38 716 | 38 694 | 18 | 44 | 38 | 13 015 | 5 | 9 |
| G5B | 10 | 20 | 28 | 35 | 41 | 45 | 49 | 51 | 52 | 51 | 50 | 47 | 44 | 39 | 34 | 28 | 21 | 13 | 7 | 16 | 9 | 38 906 | 38 881 | 19 | 48 | 42 | 13 014 | 6 | 10 |
| G6B | 11 | 21 | 30 | 38 | 45 | 50 | 53 | 55 | 55 | 55 | 53 | 51 | 47 | 42 | 36 | 30 | 22 | 14 | 7 | 16 | 10 | 39 095 | 39 069 | 20 | 52 | 45 | 13 014 | 5 | 11 |

| MARK | AJ | AK | AL | AM | AN | AO |
|---|---|---|---|---|---|---|
| G1B | 22 x 2840 x 13 080 (03009) | 13 019 | 1 | 12 098 | 6 | 22 x 2860 x 12 160 (03004) |
| G2B | 22 x 2840 x 13 080 (03009) | 13 018 | 1 | 12 286 | 7 | 22 x 2860 x 12 360 (03003) |
| G3B | 22 x 2840 x 13 080 (03009) | 13 018 | 2 | 12 474 | 7 | 22 x 2840 x 12 540 (03012) |
| G4B | 22 x 2840 x 13 080 (03009) | 13 018 | 2 | 12 662 | 8 | 22 x 2860 x 12 720 (03002) |
| G5B | 22 x 2840 x 13 100 (03008) | 13 017 | 2 | 12 849 | 9 | 22 x 2840 x 12 960 (03011) |
| G6B | 22 x 2840 x 13 100 (03008) | 13 017 | 2 | 13 037 | 9 | 22 x 2860 x 13 120 (03001) |




| WEB THK. | a |
|---|---|
| 22 | 7 |
| 26 | 10 |

TYPICAL WEB PLATE SPLICE
FOR WEB PLATES 13 mm TO 50 mm THICK (B-L2c-S)

## NOTE "G"

ALL WELDS MAY HAVE A MAXIMUM REINFORCEMENT OF 3 mm. GRIND THE WELDS SMOOTH IN THE AREAS TO BE TESTED AND FOR THE FULL DEPTH OF WEB ON G1B, G1C, G1D (F.S.) AND G6B, G6C, G6D (N.S.).

**TVGA CONSULTANTS**

☒ 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 reviews do 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: 1/5/08

## NOTES:

FOR GENERAL SHOP NOTES, SEE DRAWING GN1.
ALL WEB PLATES REQUIRE CHARPY V-NOTCH TEST.
NEGATIVE CAMBER ORDINATES INDICATE CURVE IS BELOW BASELINE.
THE LETTERS "t" & "c" AT WEB SPLICES INDICATE TENSION AND COMPRESSION EDGES AT SPLICES.
RT INDICATES RADIOGRAPHIC TESTING FOR 1Ø6 OF THE WEB DEPTH AT TENSION EDGE PLUS 25% OF THE REMAINDER.

| NO. | REVISION | BY | CHK'D | DATE |
|---|---|---|---|---|
| △ | | | | |
| △ | | | | |
| △ | | | | |

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WEB CAMBER DIAGRAMS
VT ROUTE 279 OVER FURNACE BROOK
VT ROUTE 279 STA. 8+542.000 TO STA. 8+685.000
TOWN OF BENNINGTON VERMONT, BRIDGE B12
STATE OF VERMONT
AGENCY OF TRANSPORTATION

| | | | |
|---|---|---|---|
| | AC NH F019-1(53) | FED. AID PROJ. NO. | |
| GENERAL CONTRACTOR | J.A. McDONALD, INC. | HSSI PROJ. MGR | DEB KUPRES |
| SHPMT 3 | DRAWING MANAGER: BRITIGAN (IH) | MADE BY: KMA | CHK'D BY: SJA | DATE: 9/13/07 |
| STATE VT | HSSI PROJECT NUMBER: S-1070147 | HSSI STRUCT. ID: A | DRAWING NUMBER: WC1 OF WC3 |


PLOTTED: 11/30/2007 12:43:25 PM
BY: MKreidel
SHIPMENT 01 PM&ENG.59002817 PRD.59002818 SHIP&ERECT.59002819


1070147A X1 12/3/07 12/3/07Approval TO:J.A. McDonald, Inc.