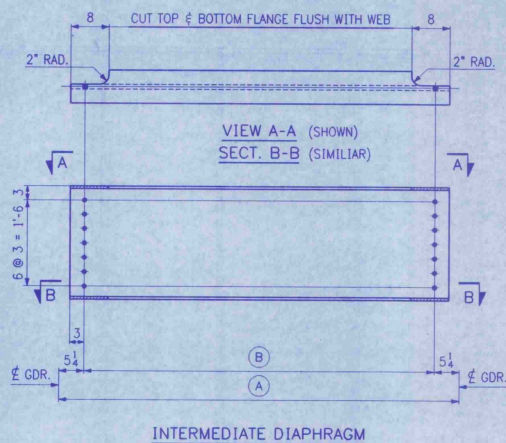




| MARK | (A)                  | (B)                  |
|------|----------------------|----------------------|
| D1   | 6'-6 $\frac{1}{4}$   | 5'-7 $\frac{3}{4}$   |
| D2   | 6'-8 $\frac{13}{16}$ | 5'-10 $\frac{5}{16}$ |
| D3   | 6'-10 $\frac{3}{16}$ | 5'-11 $\frac{1}{16}$ |
| D4   | 6'-11 $\frac{5}{16}$ | 6'-0 $\frac{13}{16}$ |
| D5   | 7'-0 $\frac{3}{8}$   | 6'-2 $\frac{1}{4}$   |
| D6   | 7'-1 $\frac{7}{8}$   | 6'-3 $\frac{3}{8}$   |
| D7   | 7'-2 $\frac{1}{8}$   | 6'-3 $\frac{5}{8}$   |
| D8   | 7'-3 $\frac{1}{4}$   | 6'-4 $\frac{3}{4}$   |
| D9   | 7'-4 $\frac{7}{16}$  | 6'-5 $\frac{15}{16}$ |
| D10  | 7'-4 $\frac{11}{16}$ | 6'-6 $\frac{3}{16}$  |
| D11  | 7'-5 $\frac{13}{16}$ | 6'-7 $\frac{9}{16}$  |
| D12  | 7'-6 $\frac{1}{16}$  | 6'-7 $\frac{8}{16}$  |
| D13  | 7'-7 $\frac{3}{16}$  | 6'-8 $\frac{11}{16}$ |

PAINT

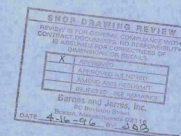
PAINT

PAINT

PAINT

PAINT

| MARK | (A)                  | (B)                  |
|------|----------------------|----------------------|
| D14  | 7'-8 $\frac{5}{16}$  | 6'-9 $\frac{13}{16}$ |
| D15  | 7'-8 $\frac{9}{16}$  | 6'-10 $\frac{1}{16}$ |
| D16  | 7'-9 $\frac{3}{4}$   | 6'-11 $\frac{1}{4}$  |
| D17  | 7'-9 $\frac{13}{16}$ | 6'-11 $\frac{5}{16}$ |
| D18  | 7'-11 $\frac{1}{8}$  | 7'-0 $\frac{9}{8}$   |
| D19  | 8'-0 $\frac{1}{4}$   | 7'-1 $\frac{1}{4}$   |
| D20  | 8'-0 $\frac{1}{2}$   | 7'-2                 |
| D21  | 8'-1 $\frac{1}{8}$   | 7'-3 $\frac{1}{8}$   |
| D22  | 8'-3 $\frac{1}{16}$  | 7'-4 $\frac{9}{16}$  |
| D23  | 8'-4 $\frac{3}{16}$  | 7'-5 $\frac{1}{16}$  |
| D24  | 8'-5 $\frac{1}{16}$  | 7'-7 $\frac{1}{16}$  |
| D25  | 8'-8 $\frac{1}{16}$  | 7'-9 $\frac{9}{16}$  |



**SHOP NOTE**  
HOLES:  $\frac{3}{8}$ "  
BOLTS: NONE  
PAINT: AS NOTED. SEE DWG. N1.  
FOR GENERAL SHOP NOTES, SEE DWG. N1.

FED. ROAD STATE  
DIV. NO. VT

| BILL OF MATERIAL |      |             |                    |         |
|------------------|------|-------------|--------------------|---------|
| NO.              | MARK | DESCRIPTION | LENGTH             | REMARKS |
| DIAPHRAGMS       |      |             |                    |         |
| 1                | D1   | W24 x 62    | 6 1 $\frac{1}{2}$  |         |
| 1                | D2   | W24 x 62    | 6 4 $\frac{1}{2}$  |         |
| 1                | D3   | W24 x 62    | 6 5 $\frac{1}{2}$  |         |
| 1                | D4   | W24 x 62    | 6 6 $\frac{1}{2}$  |         |
| 1                | D5   | W24 x 62    | 6 8 $\frac{1}{4}$  |         |
| 1                | D6   | W24 x 62    | 6 9 $\frac{3}{8}$  |         |
| 1                | D7   | W24 x 62    | 6 9 $\frac{5}{8}$  |         |
| 1                | D8   | W24 x 62    | 6 10 $\frac{1}{4}$ |         |
| 1                | D9   | W24 x 62    | 7 0                |         |
| 1                | D10  | W24 x 62    | 7 0 $\frac{1}{4}$  |         |
| 1                | D11  | W24 x 62    | 7 1 $\frac{1}{8}$  |         |
| 1                | D12  | W24 x 62    | 7 1 $\frac{3}{8}$  |         |
| 1                | D13  | W24 x 62    | 7 2 $\frac{1}{8}$  |         |
| 1                | D14  | W24 x 62    | 7 3 $\frac{1}{8}$  |         |
| 1                | D15  | W24 x 62    | 7 4 $\frac{1}{8}$  |         |
| 1                | D16  | W24 x 62    | 7 5 $\frac{1}{4}$  |         |
| 1                | D17  | W24 x 62    | 7 5 $\frac{3}{4}$  |         |
| 1                | D18  | W24 x 62    | 7 6 $\frac{3}{8}$  |         |
| 1                | D19  | W24 x 62    | 7 7 $\frac{1}{2}$  |         |
| 1                | D20  | W24 x 62    | 7 8                |         |
| 1                | D21  | W24 x 62    | 7 9 $\frac{1}{4}$  |         |
| 1                | D22  | W24 x 62    | 7 10 $\frac{1}{8}$ |         |
| 1                | D23  | W24 x 62    | 7 11 $\frac{1}{2}$ |         |
| 1                | D24  | W24 x 62    | 8 1 $\frac{1}{8}$  |         |
| 1                | D25  | W24 x 62    | 8 3 $\frac{1}{8}$  |         |

|                                                                                                                                                                                                                                                                                                                                                                                 |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| NO.                                                                                                                                                                                                                                                                                                                                                                             | REVISION |
| <p><b>HIGH STEEL STRUCTURES, INC.</b></p> <p>1770, Hampden<br/>Concord, N.H.<br/>Phone 717/2</p> <p>A Division of</p>                                                                                                                                                                                                                                                           |          |
| <p><b>DIAPHRAGMS</b></p> <p>U.S. ROUTE 7 OVER RAILROAD</p> <p>BRIDGE NO. 80</p> <p>TOWN OF WALLINGFORD, COUNTY OF RUTLAND</p> <p>STATE OF VERMONT</p> <p>AGENCY OF TRANSPORTATION</p> <p>PROJECT NO. BRS-0137(13)</p> <p>CONTRACTOR J. A. McDONALD, INC.</p> <p>IN CHARGE <i>abs</i> MADE BY <i>JCC</i> CHK'D BY <i>FM</i></p> <p>CONTRACT NUMBER VT-95368 DRAWING NUMBER 2</p> |          |

CODE: 56

401-12

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