



INTERMEDIATE DIAPHRAGM

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

MARK	(A)	(B)
D14	7'-8 $\frac{5}{8}$	6'-9 $\frac{1}{8}$
D15	7'-8 $\frac{5}{8}$	6'-10 $\frac{1}{8}$
D16	7'-9 $\frac{1}{4}$	6'-11 $\frac{1}{4}$
D17	7'-9 $\frac{15}{16}$	6'-11 $\frac{7}{8}$
D18	7'-11 $\frac{1}{8}$	7'-0 $\frac{5}{8}$
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 $\frac{1}{8}$	7'-4 $\frac{1}{8}$
D23	8'-4 $\frac{3}{8}$	7'-5 $\frac{1}{8}$
D24	8'-5 $\frac{5}{8}$	7'-7 $\frac{1}{8}$
D25	8'-8 $\frac{1}{8}$	7'-9 $\frac{1}{8}$

PAINT

PAINT

PAINT

PAINT

PAINT

SHOP NOTE
 HOLES: 1/8"
 BOLTS: NONE
 PAINT: AS NOTED. SEE DWG. N1.
 FOR GENERAL SHOP NOTES, SEE DWG. N1.

FED. ROAD STATE FED. AID
 DIV. NO. VT PROJ. NO.

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
DIAPHRAGMS						
1	D1	W24 x 62	6 11 $\frac{1}{8}$			381.04
1	D2	W24 x 62	6 4 $\frac{1}{8}$			304.44
1	D3	W24 x 62	6 5 $\frac{1}{8}$			311.71
1	D4	W24 x 62	6 6 $\frac{1}{8}$			319.52
1	D5	W24 x 62	6 8 $\frac{1}{8}$			344.63
1	D6	W24 x 62	6 9 $\frac{1}{8}$			352.44
1	D7	W24 x 62	6 9 $\frac{1}{8}$			352.44
1	D8	W24 x 62	6 10 $\frac{1}{8}$			360.25
1	D9	W24 x 62	7 0			368.06
1	D10	W24 x 62	7 0 $\frac{1}{8}$			375.87
1	D11	W24 x 62	7 1 $\frac{1}{8}$			383.68
1	D12	W24 x 62	7 1 $\frac{1}{8}$			383.68
1	D13	W24 x 62	7 2 $\frac{1}{8}$			391.49
1	D14	W24 x 62	7 3 $\frac{1}{8}$			399.30
1	D15	W24 x 62	7 4 $\frac{1}{8}$			407.11
1	D16	W24 x 62	7 5 $\frac{1}{8}$			414.92
1	D17	W24 x 62	7 5 $\frac{1}{8}$			414.92
1	D18	W24 x 62	7 6 $\frac{1}{8}$			422.73
1	D19	W24 x 62	7 7 $\frac{1}{8}$			430.54
1	D20	W24 x 62	7 8			438.35
1	D21	W24 x 62	7 9 $\frac{1}{8}$			446.16
1	D22	W24 x 62	7 10 $\frac{1}{8}$			453.97
1	D23	W24 x 62	7 11 $\frac{1}{8}$			461.78
1	D24	W24 x 62	8 1 $\frac{1}{8}$			469.59
1	D25	W24 x 62	8 3 $\frac{1}{8}$			494.70

TOTAL WEIGHT THIS DRAWING
 ITEM 506.55 = 11,202.04

RECEIVED
 CTD BY: _____ CTD BY: _____
 DEC 27 1988
 ASSIGNED BY: _____ APPROVED BY: _____
 DATE

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
DIAPHRAGMS U.S. ROUTE 7 OVER RAILROAD BRIDGE NO. 80 TOWN OF WALLINGFORD, COUNTY OF RUTLAND STATE OF VERMONT AGENCY OF TRANSPORTATION		
STATE CONTRACT NO. PROJECT NO. BRS-0137(13)		
CONTRACTOR: J. A. McDONALD, INC.		
BY CHARGE:	MADE BY: JCC	CHECKED BY: FW
DATE: 2-21-96		
CONTRACT NUMBER: VT-95368	DRAWING NUMBER: 2 OF 9	

CODE: 56

401-12

EPH401A

DEC1 91996