



MARK	A	B
D1	6'-6 1/4"	5'-7 3/4"
D2	6'-8 1/8"	5'-10 1/8"
D3	6'-10 3/8"	5'-11 1/4"
D4	6'-11 1/8"	6'-0 1/8"
D5	7'-0 3/4"	6'-2 1/4"
D6	7'-1 1/2"	6'-3 3/8"
D7	7'-2 1/8"	6'-3 3/8"
D8	7'-3 1/4"	6'-4 3/4"
D9	7'-4 1/8"	6'-5 1/8"
D10	7'-4 1/8"	6'-6 1/8"
D11	7'-5 1/8"	6'-7 9/16"
D12	7'-6 1/8"	6'-7 7/8"
D13	7'-7 1/8"	6'-8 1/8"

PAINT

PAINT

PAINT

PAINT

PAINT

MARK	A	B
D14	7'-8 3/8"	6'-9 13/16"
D15	7'-8 9/16"	6'-10 1/16"
D16	7'-9 3/4"	6'-11 1/4"
D17	7'-9 15/16"	6'-11 7/16"
D18	7'-11 1/8"	7'-0 3/8"
D19	8'-0 1/4"	7'-1 3/4"
D20	8'-0 1/2"	7'-2"
D21	8'-1 1/8"	7'-3 1/8"
D22	8'-3 1/16"	7'-4 9/16"
D23	8'-4 3/16"	7'-5 11/16"
D24	8'-5 8/16"	7'-7 1/16"
D25	8'-8 1/8"	7'-9 3/8"

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

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

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM NO.
DIAPHRAGMS					
1	D1	W24 x 62	6 1 1/2		381
1	D2	W24 x 62	6 4 1/2		395
1	D3	W24 x 62	6 5 1/2		402
1	D4	W24 x 62	6 6 1/2		408
1	D5	W24 x 62	6 8 1/4		415
1	D6	W24 x 62	6 9 1/8		420
1	D7	W24 x 62	6 9 1/8		422
1	D8	W24 x 62	6 10 1/2		428
1	D9	W24 x 62	7 0		434
1	D10	W24 x 62	7 0 1/2		435
1	D11	W24 x 62	7 1 1/8		441
1	D12	W24 x 62	7 1 1/8		442
1	D13	W24 x 62	7 2 1/4		448
1	D14	W24 x 62	7 3 1/8		454
1	D15	W24 x 62	7 4 1/8		455
1	D16	W24 x 62	7 5 1/4		461
1	D17	W24 x 62	7 5 1/4		462
1	D18	W24 x 62	7 6 1/8		468
1	D19	W24 x 62	7 7 1/8		474
1	D20	W24 x 62	7 8		475
1	D21	W24 x 62	7 9 1/8		481
1	D22	W24 x 62	7 10 1/8		489
1	D23	W24 x 62	7 11 1/4		495
1	D24	W24 x 62	8 1 1/8		502
1	D25	W24 x 62	8 3 1/8		515

**SHOP DRAWING REVIEW**  
 REVIEWED FOR COMPLIANCE WITH  
 ALL APPLICABLE AND GOVERNMENT  
 SPECIFICATIONS AND REQUIREMENTS  
 DATE 2-11-96 BY J.A.M.

NO.	REVISION	DATE
<b>HIGH STEEL STRUCTURES, INC.</b> 1770 Hempstead Road Lancaster, PA 17603-3008 Phone 717/299-5211 A Division of High Industries, Inc.		
<b>DIAPHRAGMS</b> U.S. ROUTE 7 OVER RAILROAD BRIDGE NO. 80 TOWN OF WALLINGFORD, COUNTY OF RUTLAND STATE OF VERMONT AGENCY OF TRANSPORTATION		
PROJECT NO. BRS-0137(13)		
CONTRACTOR: J. A. McDONALD, INC.		
IN CHARGE: JCS MADE BY: JCC CHK'D BY: FJM DATE: 2-21-96		
CONTRACT NUMBER: VT-95368 DRAWING NUMBER: 2 OF 9		