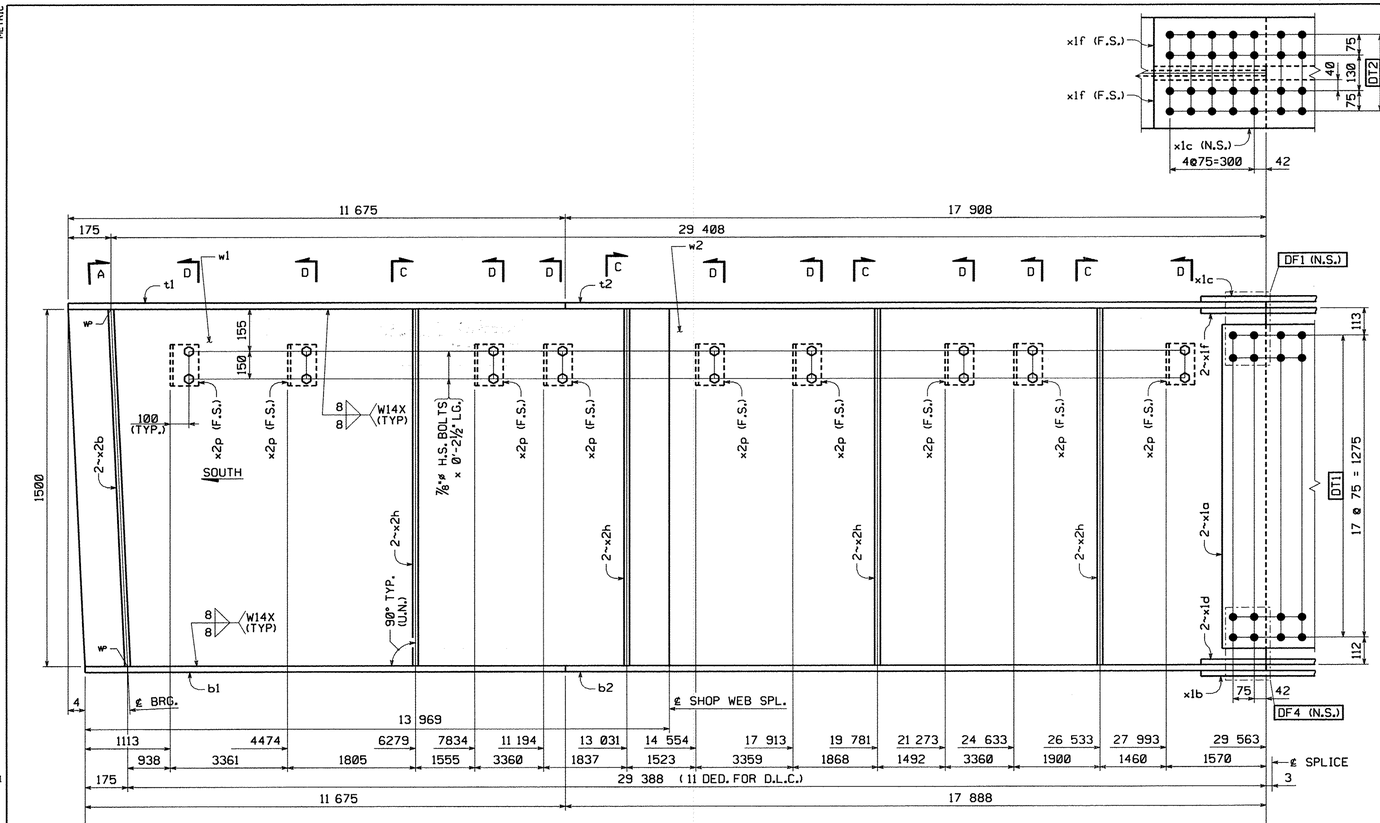
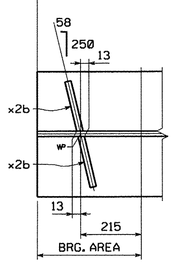
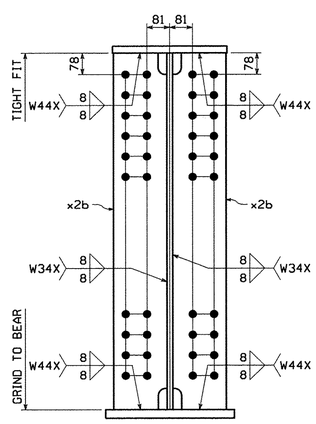


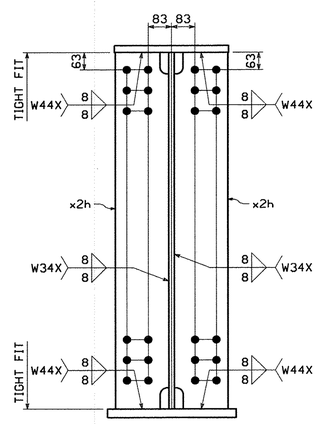
GIRDER ~ MK. G3A

FOR GENERAL SHOP NOTES, SEE DWG. GN1.
FOR WEB CAMBER DIAGRAM, SEE DWG. WC1.
FOR HORIZ. CURVE DIAGRAM, SEE DWG. HC1.

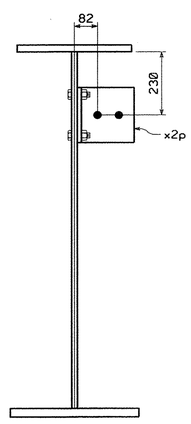




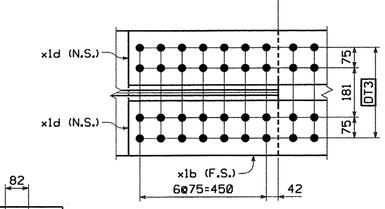
SECTION A
(DEVELOPED)

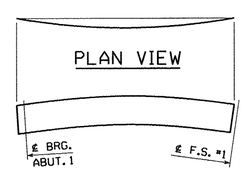


SECTION C



SECTION D





ORIENTATION DIAGRAM

BILL OF MATERIAL

QTY EA	MARK	COMM	DESCRIPTION	LENGTH	SPEC	GRADE	TEST	REMARKS	ITEM	GROS WT. EA	DED. WEIGHT	NET WT. EA
1	G3A		GIRDER							11 370.91	1.65	11 369.26
1	w1	PL	14 x 1500	13 980	M270M	345W	T		03004	2304.32	0.33	2303.99
1	w2	PL	14 x 1500	15 610	M270M	345W	T		03003	2573.00	1.32	2571.68
1	t1	PL	25 x 406	11 675	M270M	345W	T		04011	930.12	0.00	930.12
1	t2	PL	25 x 406	17 909	M270M	345W	T		04008	1426.77	0.00	1426.77
1	b1	PL	32 x 457	11 675	M270M	345W	T		04004	1340.11	0.00	1340.11
1	b2	PL	32 x 457	17 889	M270M	345W	T		04003	2053.38	0.00	2053.38
2	x1a	PL	14.3 x 1355	320	M270M	345W	T		06001	48.67	0.00	48.67
1	x1b	PL	19.1 x 457	1 070	M270M	345W	T		06002	73.31	0.00	73.31
1	x1c	PL	14.3 x 406	770	M270M	345W	T		06003	35.09	0.00	35.09
2	x1d	PL	22.2 x 200	1 070	M270M	345W	T		06004	37.29	0.00	37.29
2	x1f	PL	17.5 x 178	770	M270M	345W	T		06005	18.83	0.00	18.83
2	x2b	PL	22.2 x 190	1 500	M270M	345W	T		07001	49.66	0.00	49.66
8	x2h	PL	14.3 x 190	1 500	M270M	345W	T		07003	0.00	0.00	0.00
9	x2p	L	203 x 152 x 12.7	226	M270M	345W			07005	0.00	0.00	0.00
18	140206	HS Bolt	7/8	2 1/2	M164 Type 3 (RCT)				17002	0.00	0.00	0.00
18	W14	Std Wash	7/8		M293 Weathering (RCT)				17006	0.00	0.00	0.00
18	N14	Nut	7/8		M291 (RCT)	DH3			17004	0.00	0.00	0.00
									TOTAL WEIGHT THIS SHEET:			11 369.26 kgs

NO.	REVISION	BY	CHK'D	DATE
△				
△				
△				

HOLES: 15/16"ø
BOLTS: AS NOTED
COATING: NONE
CODE(S): 30
SCALE: N.T.S.

HIGH STEEL STRUCTURES INC.
An ISO 9001:2000 Certified Company
An Affiliate of High Industries Inc.
Lancaster Facility: 915 Old Philadelphia Pike, Lancaster, PA 17605-6008, Phone (717) 299-5211
Williamsport Facility: 3501 W. 4th Street, Williamsport, PA 17701, Phone (570) 326-9051
www.highsteel.com

GIRDER — G3A
EAST ROAD OVER VT ROUTE 279
EAST ROAD STA. 1+148.400 TO STA. 1+220.200
TOWN OF BENNINGTON VERMONT, BRIDGE B11
STATE OF VERMONT
AGENCY OF TRANSPORTATION

	AC NH 019-1(53)	FED. AID PROJ. NO.	
GENERAL CONTRACTOR	J.A. McDONALD, INC.	HSSI PROJ. MGR	DEB KUPRES
SHPMT 1	DRAWING MANAGER: BRITIGAN (IH)	MADE BY: DRJ	CHK'D. BY: CS	DATE: 9-26-07
STATE VT	HSSI PROJECT NUMBER: S-1070147	HSSI STRUCT. ID: B	DRAWING NUMBER: 3 OF 12

METRIC
SHIPMENT 01 PM&ENG: 50802811 PRD: 50802812 SHIP&ERECT: 50802813
BY: MKreidel
PLOTTED: 10/1/2007 9:23:21 AM

1070147B X1 10/2/07 10/2/07Approval TO:J.A. McDonald, Inc.