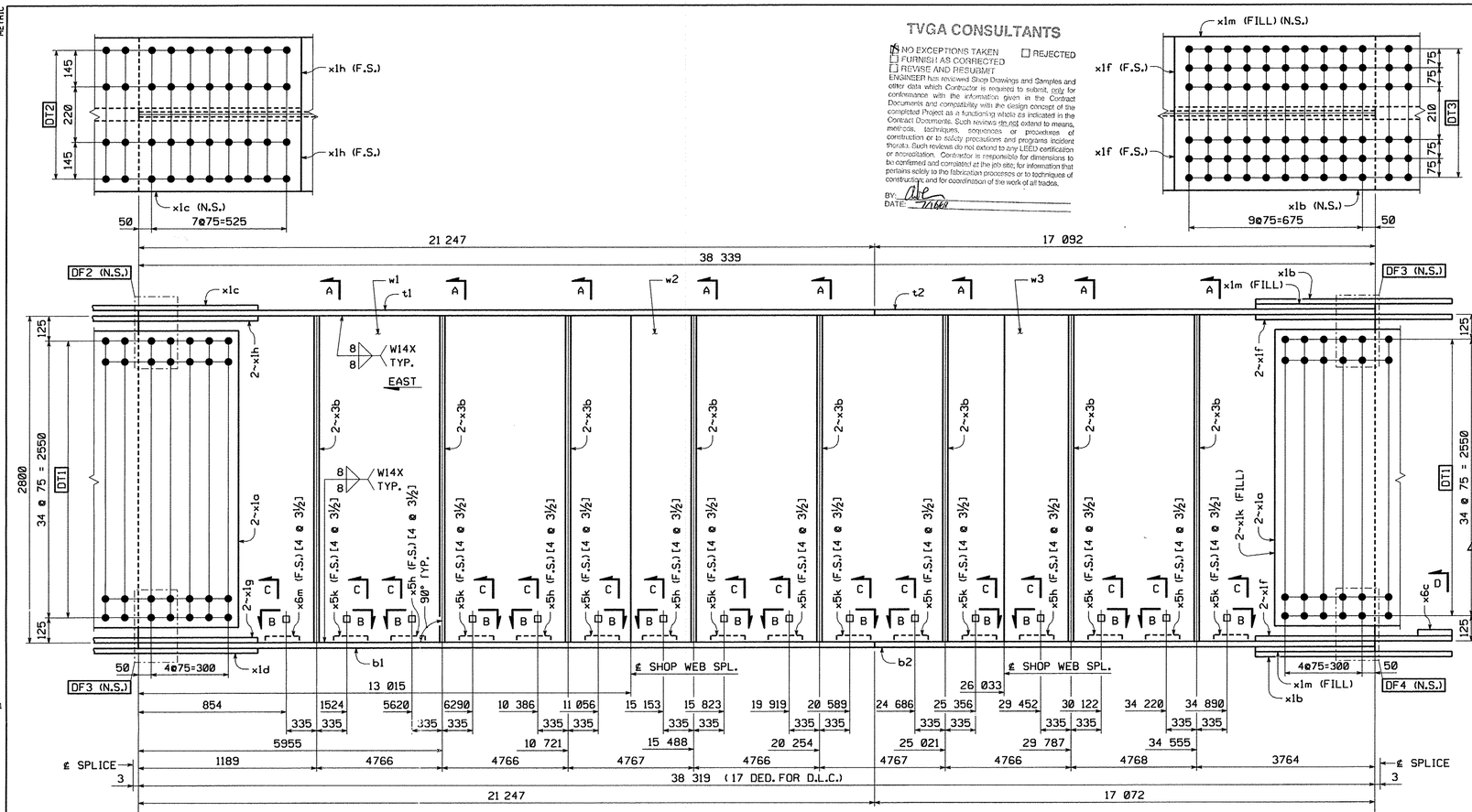
METRIC

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. Such reviews do not extend to any LEED certification or accreditation. 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.

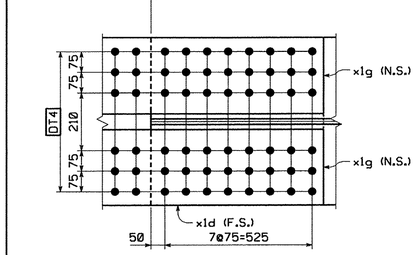
BY: AHP
DATE: 7/18/08

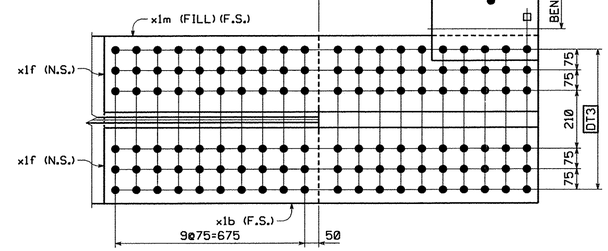


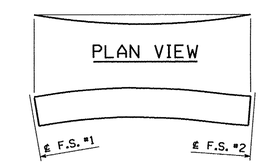
BILL OF MATERIAL

QTY EA.	MARK	COMM	DESCRIPTION	LENGTH	SPEC	GRADE	TEST	REMARKS	ITEM	GROS WT. EA.	DED. WEIGHT	NET WT. EA.
1	G2B		GIRDER							37192.62	4.96	37187.66
1	w1	PL	22 x 2800	13 028	M270M	345W	T		03009	6299.06	3.19	6295.87
1	w2	PL	22 x 2800	13 019	M270M	345W	T		03009	6294.71	0.00	6294.71
1	w3	PL	22 x 2800	12 293	M270M	345W	T		03003	5943.68	1.77	5941.91
1	t1	PL	40 x 610	21 247	M270M	345W	T		04003	4069.16	0.00	4069.16
1	t2	PL	40 x 610	17 092	M270M	345W	T		04002	3273.41	0.00	3273.41
1	b1	PL	40 x 610	21 247	M270M	345W	T		04003	4069.16	0.00	4069.16
1	b2	PL	40 x 610	17 072	M270M	345W	T		04002	3269.58	0.00	3269.58
4	x1a	PL	15.9 x 2630	786	M270M	345W	T		06001	257.98	0.00	257.98
2	x1b	PL	20.6 x 610	1 536	M270M	345W	T		06002	151.50	0.00	151.50
1	x1c	PL	20.6 x 610	1 236	M270M	345W	T		06002	121.91	0.00	121.91
1	x1d	PL	20.6 x 610	1 236	M270M	345W	T		06002	121.91	0.00	121.91
4	x1f	PL	20.6 x 280	1 536	M270M	345W	T		06003	69.54	0.00	69.54
2	x1g	PL	20.6 x 280	1 236	M270M	345W	T		06003	55.96	0.00	55.96
2	x1h	PL	20.6 x 280	1 236	M270M	345W	T		06003	55.96	0.00	55.96
2	x1k	SHT	16GA. x 390	2 630	A606 Type 4			FILL	06004	16.10	0.00	16.10
2	x1m	PL	15.9 x 610	765	M270M	345W		FILL	06005	58.24	0.00	58.24
16	x3b	PL	14.3 x 280	2 800	M270M	345W	T		07002	88.00	0.00	88.00
8	x5k	PL	14.3 x 420	422	M270M	345W		BENT	07003	19.89	0.00	19.89
7	x5h	PL	14.3 x 420	423	M270M	345W		BENT	07003	19.94	0.00	19.94
1	x6c	PL	14.3 x 380	418	M270M	345W		BENT (B.T.S.)	07003	17.83	0.00	17.83
1	x6m	PL	14.3 x 420	423	M270M	345W		BENT	07003	19.94	0.00	19.94
64	140308	HS Bolt	7/8	0'-3 1/2	M164 Type 3				17002	0.00	0.00	0.00
64	N14	Nut	7/8		M291	DH3			17004	0.00	0.00	0.00
64	W14	Std Wash	7/8		M293 Weathering				17006	0.00	0.00	0.00

TOTAL WEIGHT THIS SHEET: 37 187.66 kgs
BID ITEM 0160 506.56





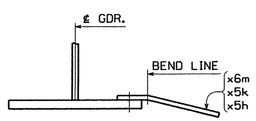


ORIENTATION DIAGRAM

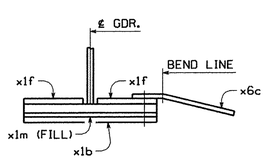
GIRDER ~ MK. G2B

FOR GENERAL SHOP NOTES, SEE DWG. GN1 & GN2
FOR WEB CAMBER DIAGRAM, SEE DWG. WC1.
FOR HORIZ. CURVE DIAGRAM, SEE DWG. HC1.

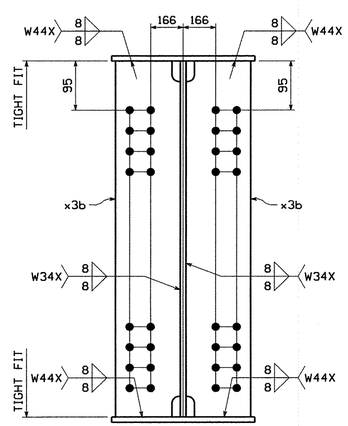
SHOP NOTE:
[4 @ 3½]
INDICATES LENGTH OF ⅞"ø H.S. BOLTS
INDICATES NUMBER OF ⅞"ø H.S. BOLTS



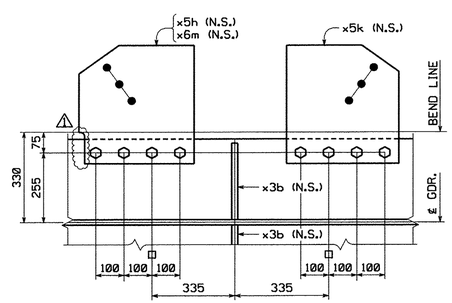
SECTION C



SECTION D



SECTION A



SECTION B-B

NO.	REVISION	BY	CHK'D	DATE
1	REVISED GUSSET PLATE x6m DUE TO FOULING OF SPLICE PLATE	MGK	CS	5/28/08

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 17602-2508, Phone (717) 299-5211
Williamsport Facility: 3501 W. 4th Street, Williamsport, PA 17701, Phone (570) 326-9051
www.highsteel.com

GIRDER G2B
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: JAW	CHK'D. BY: MGK	DATE: 11/28/07
STATE: VT	HSSI PROJECT NUMBER: S-1070147	HSSI STRUCT. ID: A	DRAWING NUMBER: 8 OF 34

PLOTTED: 5/29/2008 10:28:01 AM
SHIPMENT 01 PM&ENG: 5802819 PRD: 5802819 SHIPAERECT: 5802819
BY: MKrendel

RECEIVED JUL 18 2008 G.P.I.

1070147A X6 7/7/08 7/Resubmit For Approval TO:J.A. McDonald, Inc.