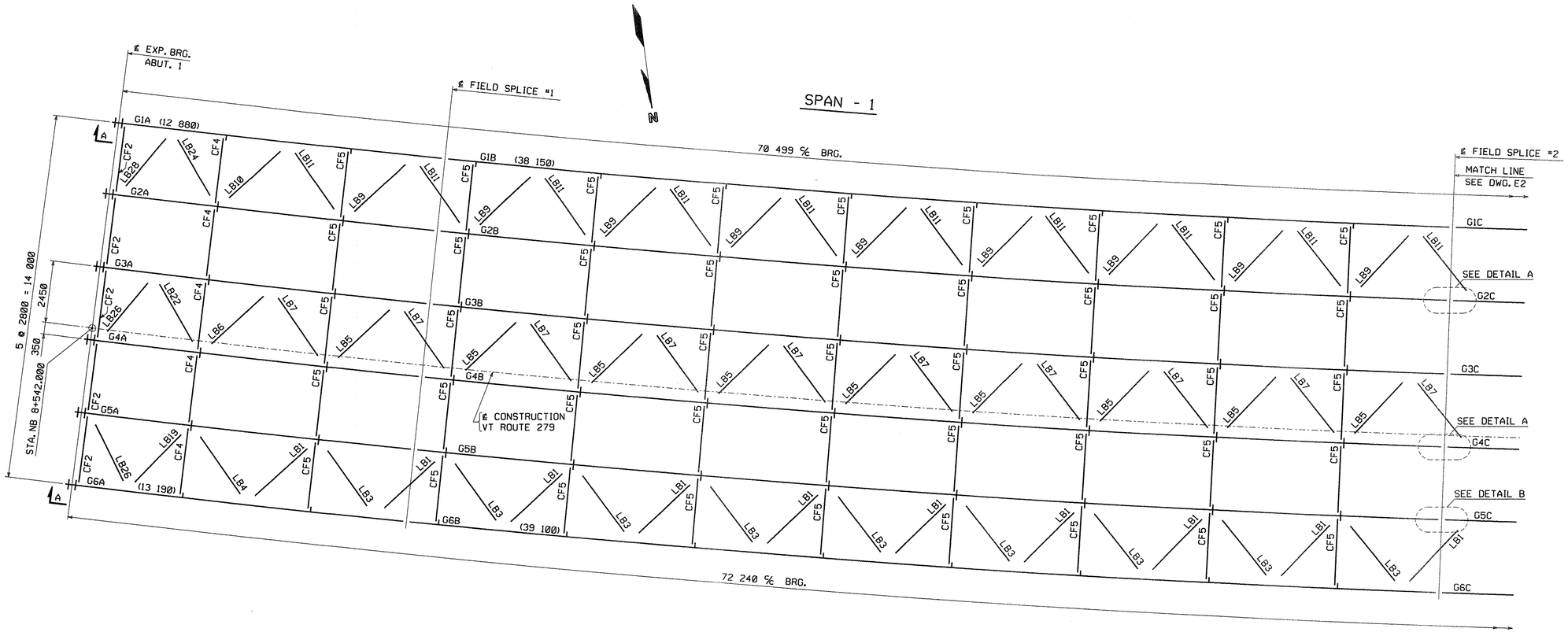
METRIC

SHIPPING PIECES		
SHIPPING PIECE MARK	WEIGHT EA (KG)	DWG NO.
G1A	11,406	1
G2A	11,561	2
G3A	11,679	3
G4A	11,658	4
G5A	11,707	5
G6A	11,652	6
G1B	36,425	7
G2B	37,197	8
G3B	37,455	9
G4B	37,523	10
G5B	37,685	11
G6B	37,241	12
G1C	45,714	13
G2C	46,592	14
G3C	46,929	15
G4C	47,024	16
G5C	47,240	17
G6C	46,798	18
G1D	36,421	19
G2D	37,195	20
G3D	37,451	21
G4D	37,520	22
G5D	37,683	23
G6D	37,239	24
G1E	11,335	25
G2E	11,488	26
G3E	11,608	27
G4E	11,587	28
G5E	11,636	29
G6E	11,582	30
CF1	380	31
CF2	380	32
CF3	380	32
CF4	335	33
CF5	335	33
LB1	65	34
LB2	65	34
LB3	65	34
LB4	65	34
LB5	64	34
LB6	64	34
LB7	64	34
LB8	64	34
LB9	64	34
LB10	64	34
LB11	64	34
LB12	64	34
LB13	62	34
LB14	61	34
LB15	61	34
LB16	61	34
LB17	61	34
LB18	61	34
LB19	61	34
LB20	61	34
LB21	60	34
LB22	60	34
LB23	60	34
LB24	60	34
LB25	58	34
LB26	58	34
LB27	58	34
LB28	58	34
LB29	58	34



ERECTION FRAMING PLAN

NOTES:

NO CREDIT WILL BE ALLOWED FOR WORK PERFORMED BY OTHERS IN REPLACING OR CORRECTING MATERIALS OR WORKMANSHIP COVERED BY THIS DRAWING UNLESS EXPRESSLY AUTHORIZED BY HIGH STEEL STRUCTURES, INC.

HIGH STEEL STRUCTURES, INC. DOES NOT SUPPLY STUD SHEER CONNECTORS, EXPANSION DAM MATERIAL, ROD HANGERS OR HARDWARE AT UTILITIES, SCUPPERS OR ANY OTHER BRIDGE DRAINAGE, BEARINGS, BEARING PADS OR ANCHOR BOLTS.

NOTICE TO ERECTOR & CONTRACTOR: THIS STRUCTURAL STEEL IS BEING DELIVERED WITH THE FINAL FINISH COAT APPLIED. USE EXTREME CARE AND APPROPRIATE EQUIPMENT FOR HANDLING DURING ERECTION AND SUBSEQUENT FIELD OPERATIONS. HIGH STEEL STRUCTURES, INC. WILL NOT BE RESPONSIBLE FOR ANY TOUCH-UP REQUIRED DUE TO YOUR FAILURE TO PROPERLY PROTECT FINISH PAINT.

ERECTOR NOTE: ELEVATIONS, CAMBER CHECKS AND HORIZONTAL ALIGNMENT OF FIELD SPLICES MUST BE COMPLETED PRIOR TO FINAL BOLTING. HIGH STEEL STRUCTURES IS TO BE NOTIFIED AND CONSULTED, PRIOR TO FINAL BOLTING, IF SPLICE LOCATIONS ARE NOT WITHIN ACCEPTABLE TOLERANCE. BOTH VERTICAL & HORIZONTAL CORRECTION OF ANY UNACCEPTABLE SPLICES AFTER FINAL BOLTING WILL BE AT NO COST TO HIGH STEEL STRUCTURES.

NOTICE: WEIGHTS OF MEMBERS LISTED ON THESE DRAWINGS ARE ESTIMATED WEIGHTS AND ACTUAL WEIGHTS WILL VARY. HIGH STEEL STRUCTURES, INC. WILL NOT BE RESPONSIBLE FOR ANY ERECTION PROCEDURES, SHIPPING PROCEDURES, ETC. DEVELOPED USING ESTIMATED WEIGHTS AS SHOWN.

ALL DIMENSIONS ARE GIVEN HORIZONTALLY (U.N.).

ALL ELEVATIONS AND STATIONS ARE GIVEN IN METERS.

DIMENSIONS GIVEN THUS: (12 880) ARE THE SHIPPING LENGTHS OUT TO OUT OF FASCIA GIRDERS.

ERECTOR NOTE: ALL BOLTS MUST BE LOCATED IN ACCORDANCE WITH THE LIST OF FIELD CONNECTIONS. HIGH STEEL STRUCTURES WILL NOT BE RESPONSIBLE FOR FURNISHING ADDITIONAL BOLTS OR FOR ANY OTHER RELATED COSTS OR DAMAGES RESULTING FROM IMPROPER LOCATION OF BOLTS.

ALL FIELD BOLTS THRU WEB OF FASCIA GIRDERS ARE TO HAVE HEADS ON OUTSIDE OF WEB.

ALL FIELD BOLTS THRU BOTTOM FLANGE ARE TO HAVE HEADS UP.

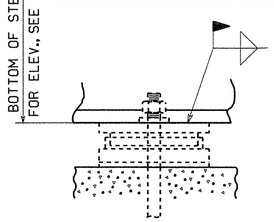
(RCT) INDICATES ROTATIONAL CAPACITY TESTED BOLTS. DO NOT MIX NUTS, BOLTS AND WASHERS FROM DIFFERENT CONTAINERS UNLESS ALL NUTS, BOLTS AND WASHERS HAVE THE SAME LOT NUMBER.

SEE DRAWING E2 FOR LIST OF FIELD CONNECTIONS AND FIELD BOLT SUMMARY.

WORK THIS DRAWING WITH DRAWINGS E2, E3 AND E4.

CONTRACTOR NOTE:

ELEVATIONS ARE GIVEN TO BOTTOM OF STEEL - DO NOT POUR TO FINAL ELEVATIONS WITHOUT VERIFICATION OF BEARING HEIGHTS AND BRIDGE SEATS.



SECTION A

ELEVATIONS	
LINE	ABUT. 1
G1	252.925
G2	253.144
G3	253.362
G4	253.580
G5	253.799
G6	254.017

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. 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: [signature]
DATE: 1/8/08

NO.	REVISION	BY	CHK'D	DATE
△				
△				
△				

HIGH STEEL STRUCTURES INC.
An ISO 9001:2000 Certified Company
An Affiliate of High Industries Inc.
Lancaster Facility: 185 Old Philadelphia Pike, Lancaster, PA 17603-0008, Phone (717) 299-5211
Williamsport Facility: 350 W. 4th Street, Williamsport, PA 17701, Phone (570) 326-9051
www.highsteel.com

HOLES	ERECTION FRAMING PLAN
BOLTS	
COATING	VT ROUTE 279 OVER FURNACE BROOK
	VT ROUTE 279 STA. 8+542.000 TO STA. 8+685.000
CODE(S)	TOWN OF BENNINGTON VERMONT, BRIDGE B12
	STATE OF VERMONT
	AGENCY OF TRANSPORTATION
SCALE N.T.S.	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	MAF	CHK'D BY	CS	DATE	11-28-07		
STATE	VT	HSSI PROJECT NUMBER	S-1070147	HSSI STRUCT. ID	A	DRAWING NUMBER	E1 OF E5				

SHIPMENT 01 PM&ENG: 5082817 PRD: 5082818 SHIP&ERECT: 5082819

BY: MKreadel

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1070147A X1 12/3/07 12/3/07Approval TO:J.A. McDonald, Inc.