

WORK THIS DRAWING WITH DRAWING E1.

INSPECTION FOR MASS.DEPT. PUBLIC WORKS TO BE DONE B PITTSBURG TESTING LAB.

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NO.				REV	/ISION						BY	CHK'D			
но	LES				3/	F	,	EE			i 1	oncaster hone (717	niladelphio Pike - PA 17605-0008 7) 299-5211 - Faciilty		
BO	LTS	A 150 900M	2000 C=	erlified Compar		An .			ICTU igh industr			hone (57	-t, PA 17701 0) 326-9051 www.highsteel.com		
						CTIO	N FR	AMI	ING PL	AN			y y y z z z z z z z z z z z z z z z z z		
COA	TING			VE	RNON	AVEN	UE C	VE	R WAR	E F	RIVER				
			VEF	RNON A	VENUE	STA	. 10+	71.1	Ø6 TC) S	TA. 11	+18.10	6		
_		BRIDGE	BRIDGE NO. B-02-012 IN THE TOWN OF BARRE, WORCESTER COUNTY												
COE	DE(S)			COM	MONW	EALT	H OF	Mr	<u>ASSAC</u>	HUS	ETTS	<u> </u>			
		MASSACHUSETTS HIGHWAY DEPARTMENT													
sc	ALE	STATE CO	NT. P	ROJECT	FILE	NO.	6035	566 _F	FED. AID PROJ. NO.		3R-ØØ	15(714	1)X		
N.	T.S.	GENER CONTRACT		.T. & L	. CORP	ORAT	ION	F	HSS PROJ. MGF		EN GL	.IDDEN	١		
SHPMT	1	DRAWING MANAGER	KRE	IDER (I	(H)		MADE BY		AF CH	K'D. BY	CS	DATE	4-22-08		
STATE	MA	HSSI PROJECT NUMBER	S-	1080	005	STRU	HSSI CT. ID	Α	DRAWIN NUMBE		E2	OF	E2		

NOTE
THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DRAWING IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION. THIS DRAWING IS FOR REFERENCE ONLY, APPROVAL IS NOT REQUIRED.

									
			FIE	LDBO	TLC	SUN	TVLA	RY	- SHIP. #1
		(2%	/DDI	ΠΟΝΆL	BOLT	SAD	DED	+31	EA. FOR TESTING
			AASI	-ITO M1	64 TY	PE3	(RCT	г); V V	/HVYHEX HD
		6	9 -	7/8"ø HI	GHS	TREN	I GTI⊢	BOL	.TS x 0'-5
		6	9 -	7/8"ø HI	GHS	TREN	√GTI-	BOL	.TS x 0'-4 3/4
		26	4 -	7/8"ø H	GHS	TREN	√GTT-	BOL	TS x 0'-4 1/4
		37	0 -	7/8"ø H	GHS	TREN	√GT1-	BOL	T\$ x 0'-3 1/4
		4	5 -	7/8''ø H	GHS	TREN	IGTH	BOL	TS x 0'-2 1/2
		88	0 -	7/8''ø HI	GHS	TREN	√GTI-	BOL	TS x 0'-2 1/4
		3	3 -	7/8"ø H	GHS	TREN	√ GTH	BOL	TS x 0'-2
			AAS	HTO M2	291 G	RADE	E DH	B (RC	CT); HVY HEX
		1,73	0 -	NUTSF	OR 7/	′8''ø E	3OLT		
		AA	SHTC) IM293 V	VEA T	HER	NG (RCT)); ROUND & FLAT
		1 73	0 -	STDW	ASHE	RS F	OR 7	/8''ø l	BOLT

LIST OF FIELD CONNECTIONS

86.0 | 20.6 | 40.0 | 25.4 |

90.8 25.4 40.0 25.4

15.9 7.0

LINE REXTOR FINANCE PER OF CONN. CONN. CONN.

120 7/8 3 1/4 60 2 50.6 14.3 22.0 14.3

240 | 7/8 | 3 1/4 | 60 | 4 | 45.6 | 14.3 | 17.0 | 14.3

128 7/8 4 1/4 32 4 72.0 20.6 26.0 25.4

128 7/8 4 1/4 32 4 76.8 25.4 26.0 25.4

6 20 25.7

16

7/8 2 1/4 2 14 22.2 12.7 9.5

7/8 | 21/4 | 10 | 4 | 24.7 | 12.7 | 12.0 |

22.9

2 | 14 | 19.7 | 12.7 | 7.0 |

640 7/8 21/4 10 64 23.7 12.7 11.0

7/8 4 3/4

7/8 2 1/4

7/8 21/4

7/8 2

120

10 32

12

7/8 5

ONE WASHER PER BOLT UNLESS NOTED OTHERWISE

PIECES CONNECTED AND REWARKS

FS#1 WEB SPLICE @ LINES 1 & 6

FS#1 TOP FLG. SPLICE@LINES 1 & 6

FS#1 BOTT.FLG. SPLICE@LINES 1 & 6

FS#1 WEB SPLICE @LINES 2, 3, 4 & 5

BRG. STIFF. OR CONN. PL. TO MC460

BRG. STIFF, OR CONN. PL. TO W100

BRG. STIFF. OR CONN. PL. TO L76

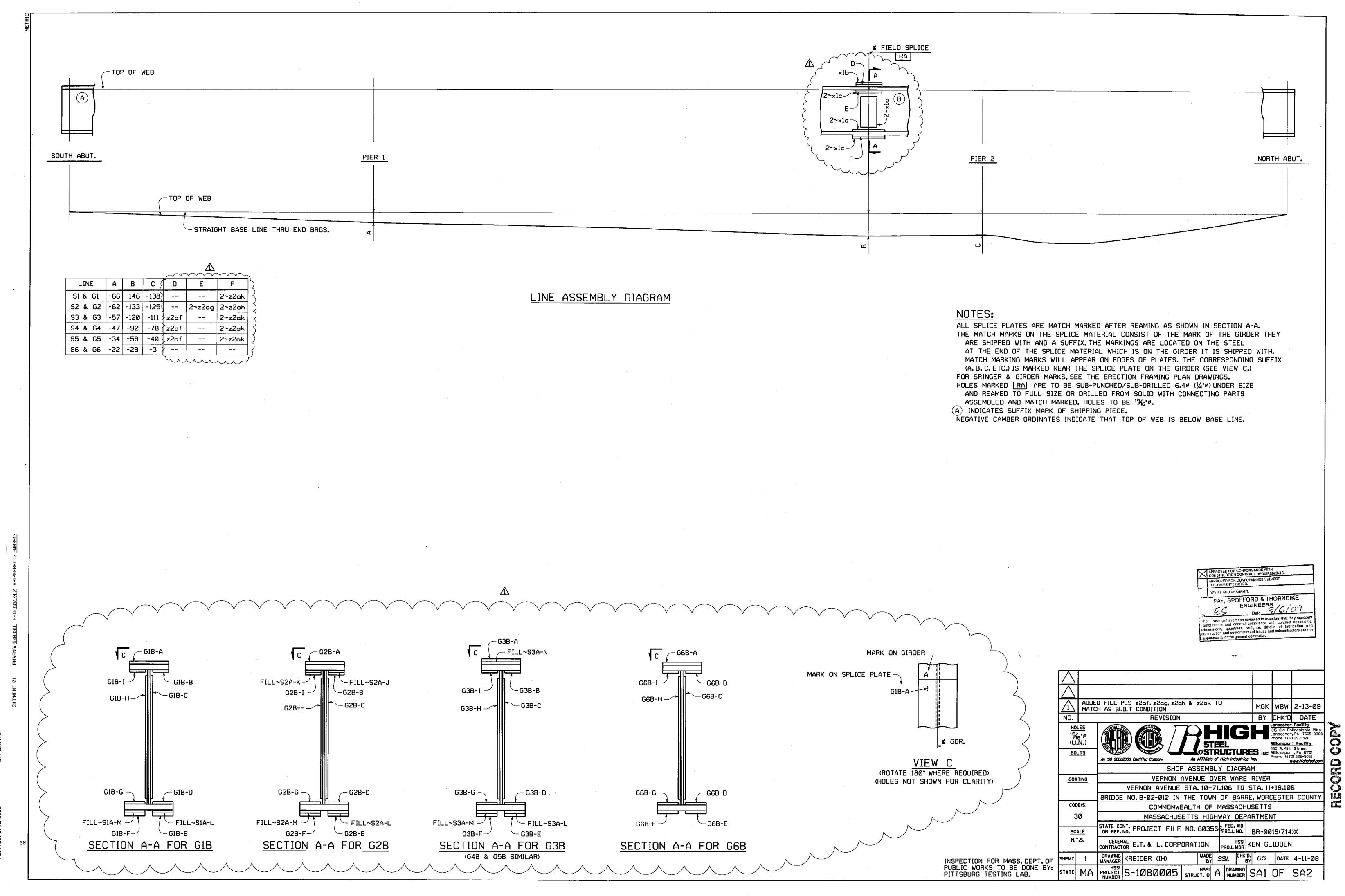
BRG. STIFF. TO C310

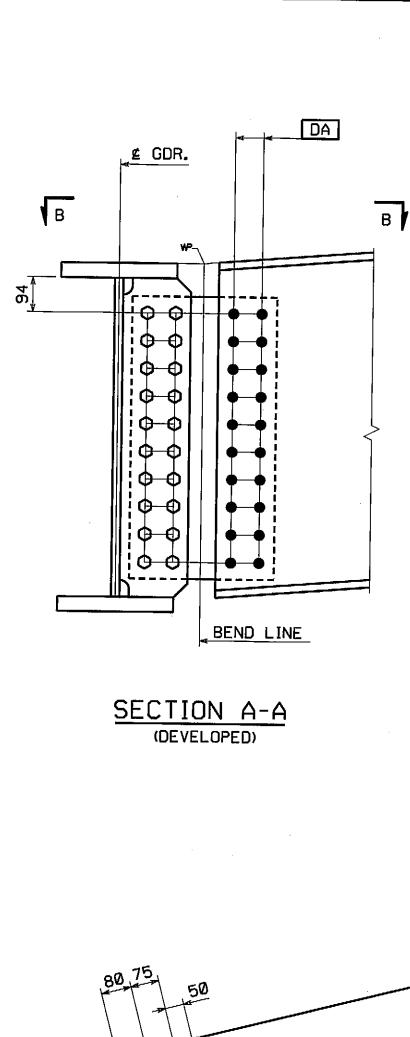
CONN. PL. TOW100

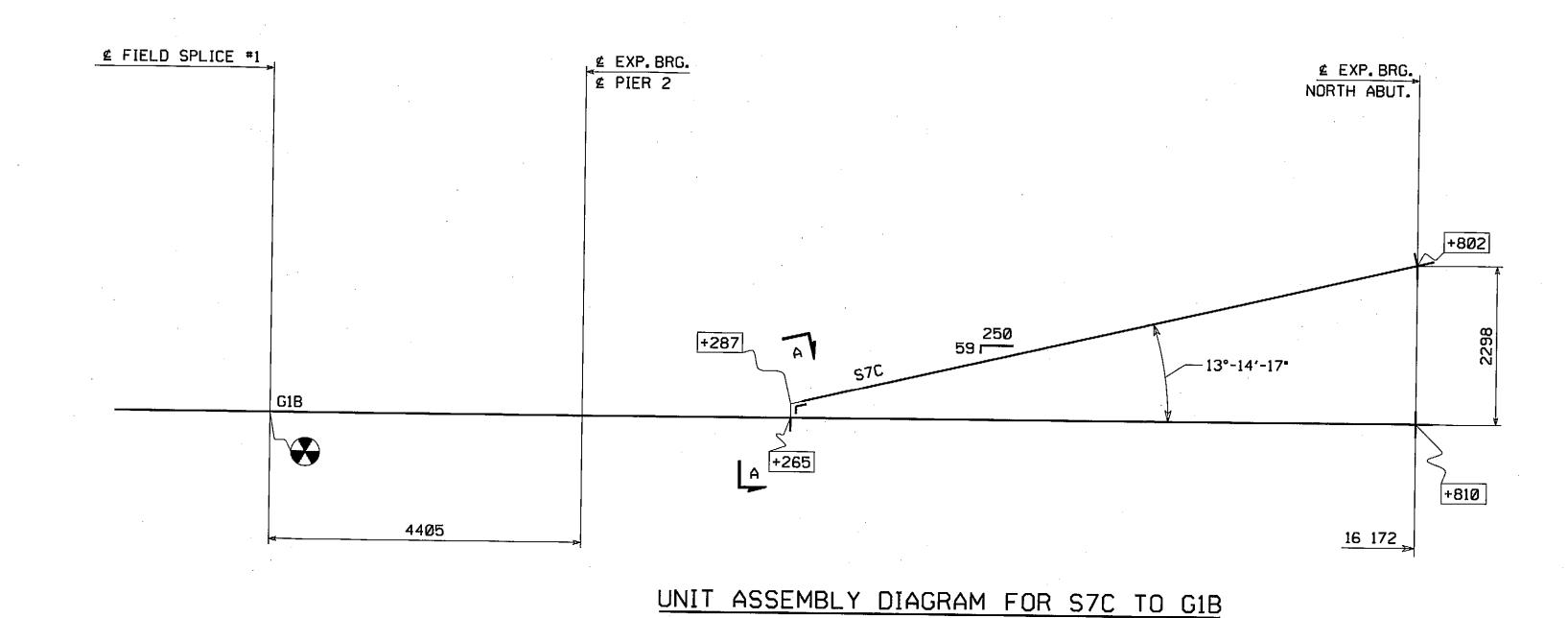
BRG. STIFF. TO V690

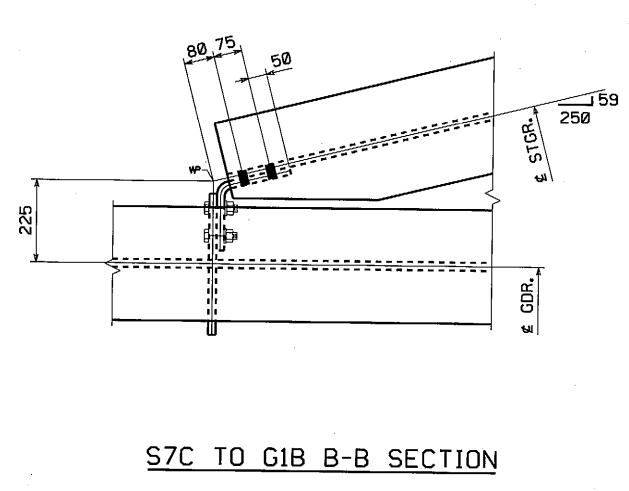
FS#1 TOP FLG. SPLICE @LINES 2, 3, 4 & 5

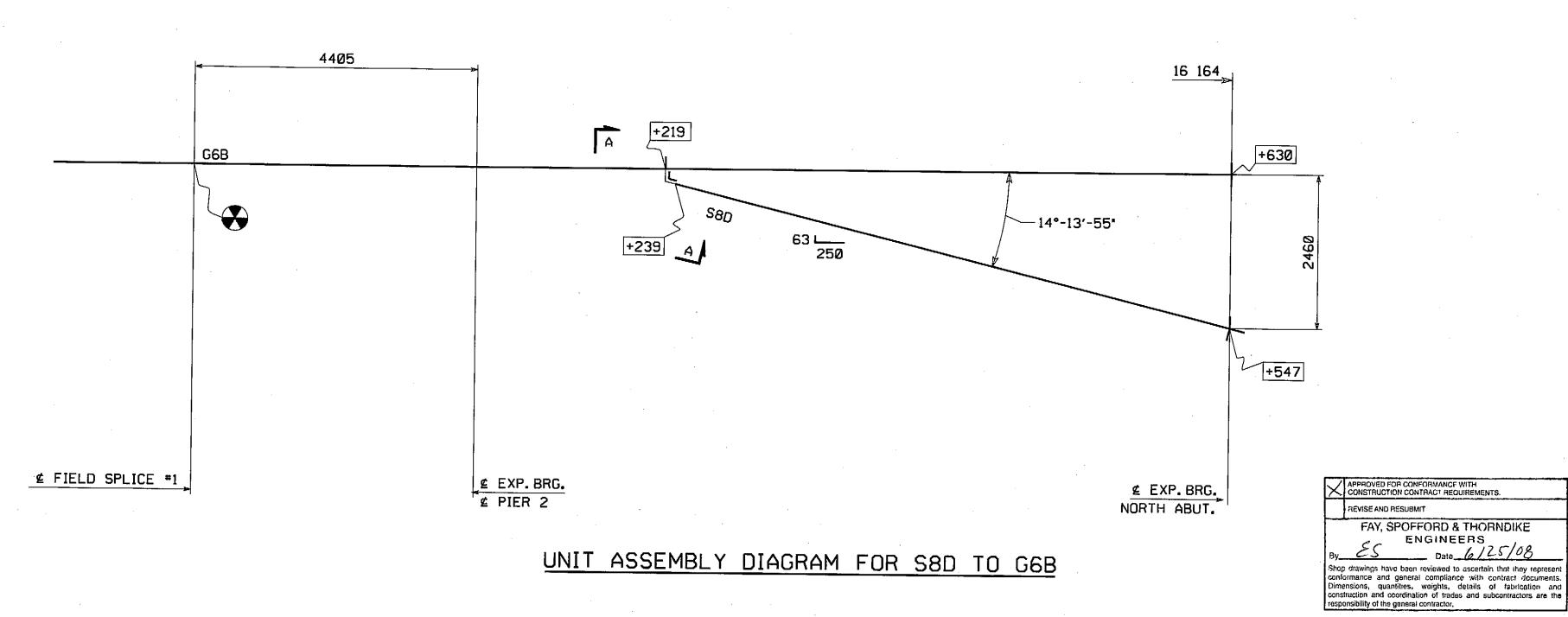
FS#1 BOTT.FLG. SPLICE @LINES 2, 3, 4 & 5

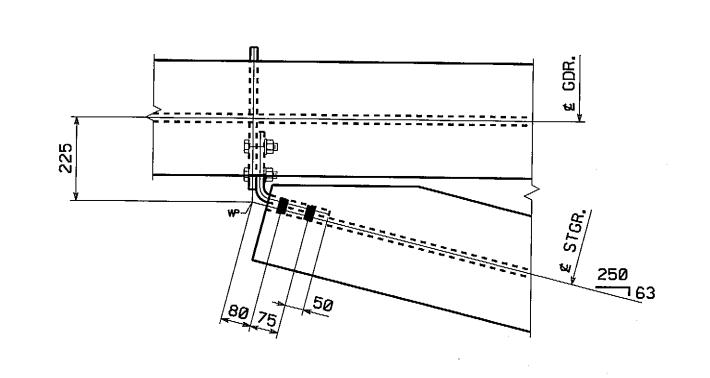












UNIT ASSEMBLY DIAGRAM FOR S8D TO G6B

NOTES:
FIGURES GIVEN THUS: +239 ARE THE DIFFERENCES IN ELEVATIONS ABOVE THE ZERO POINT MARKED . ELEVATIONS ARE GIVEN AT THE TOP OF GIRDER WEB/TOP OF STRINGER AT THE & OF BEARING OR FIELD SPLICE. PLAN DIMENSIONS ARE GIVEN HORIZONTALLY FROM THE TOP OF WEB PLATE/ TOP OF GIRDER/STRINGER IN FULLY CAMBERED POSITION.
HOLES MARKED \overline{DA} ARE TO BE DRILLED FULL SIZE FROM SOLID WHILE ASSEMBLED, USING STRINGER S7C OR S8D AS A TEMPLATE ONE TIME ONLY. FINAL HOLE SIZE TO BE $^{1}\!$

NO.	REVISION BY CHK'D DATE												
HOLES	TIPE TO STEEL MINIOR FACILITY Lancaster Facility 1915 Old Philadelphia Pike Lancaster, PA 17605-0008 Phone (717) 299-5211 Williamsport Facility												
BOLTS	STRUCTURES INC. Williamsport, PA 17701												
	SHOP ASSEMBLY DIAGRAM												
COATING	VERNON AVENUE OVER WARE RIVER												
	VERNON AVENUE STA. 10+71.106 TO STA. 11+18.106												
	BRIDGE NO. B-02-012 IN THE TOWN OF BARRE, WORCESTER COUNTY												
CODE(S)	COMMONWEALTH OF MASSACHUSETTS												
30	MASSACHUSETTS HIGHWAY DEPARTMENT												
SCALE	STATE CONT. PROJECT FILE NO. 60356 PROJ. NO. BR-001S(714)X												
N.T.S.	CONTRACTOR E.T. & L. CORPORATION PROJ. MGR KEN GLIDDEN												
SHPMT 1	GENERAL CORPORATION HSSI REN GLIDDEN DRAWING MANAGER KREIDER (IH) MADE BY DRJ CHK'D. BY C5 DATE 4-23-08												
STATE MA	PROJECT NUMBER S-1080005 STRUCT. ID A DRAWING NUMBER SA2 OF SA2												

S8D TO G6B B-B SECTION

INSPECTION FOR MASS DEPT. OF PUBLIC WORKS TO BE DONE BY: PITTSBURG TESTING LAB.

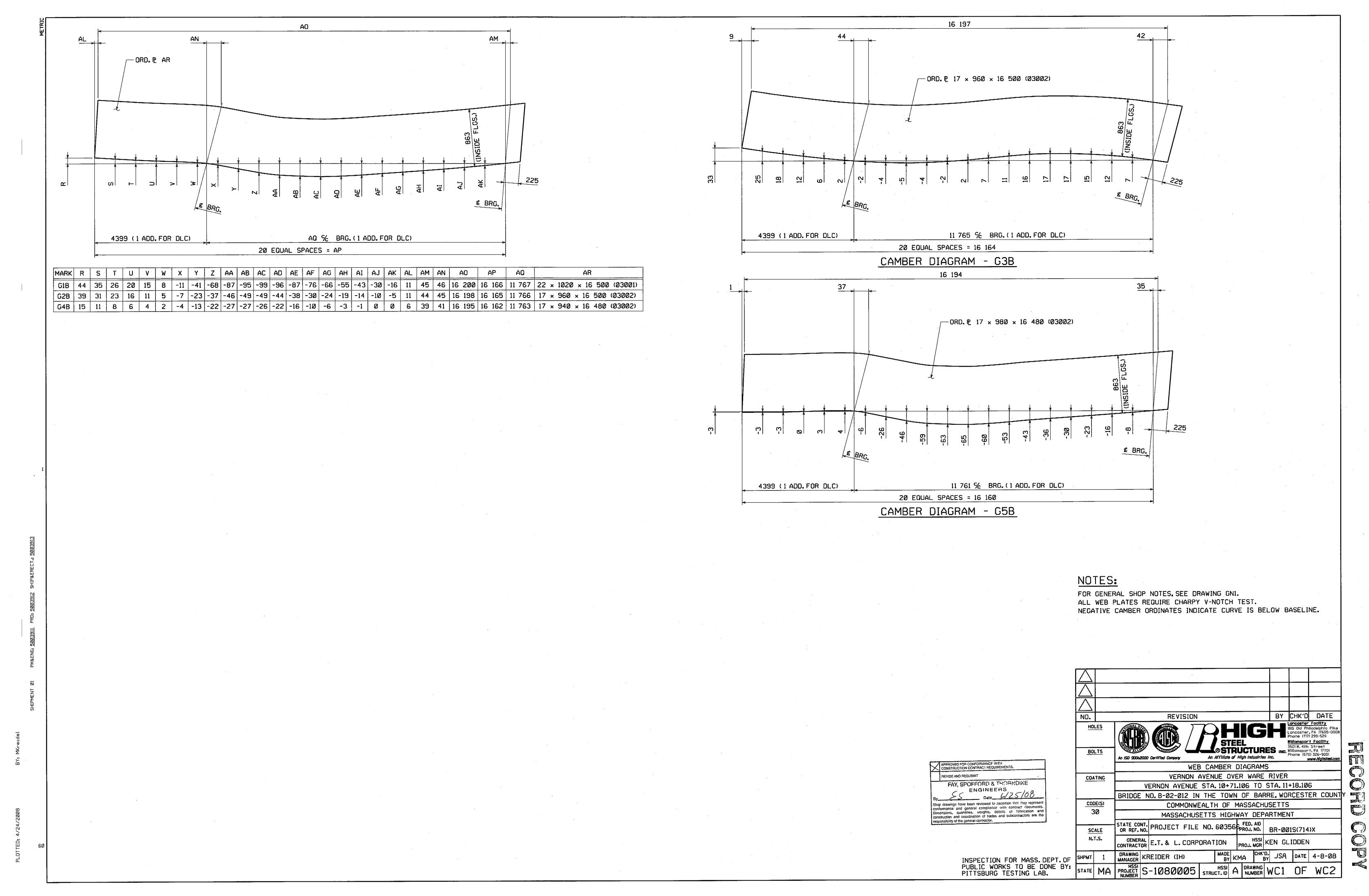
ORDERED LENGTH TOP FLANGE

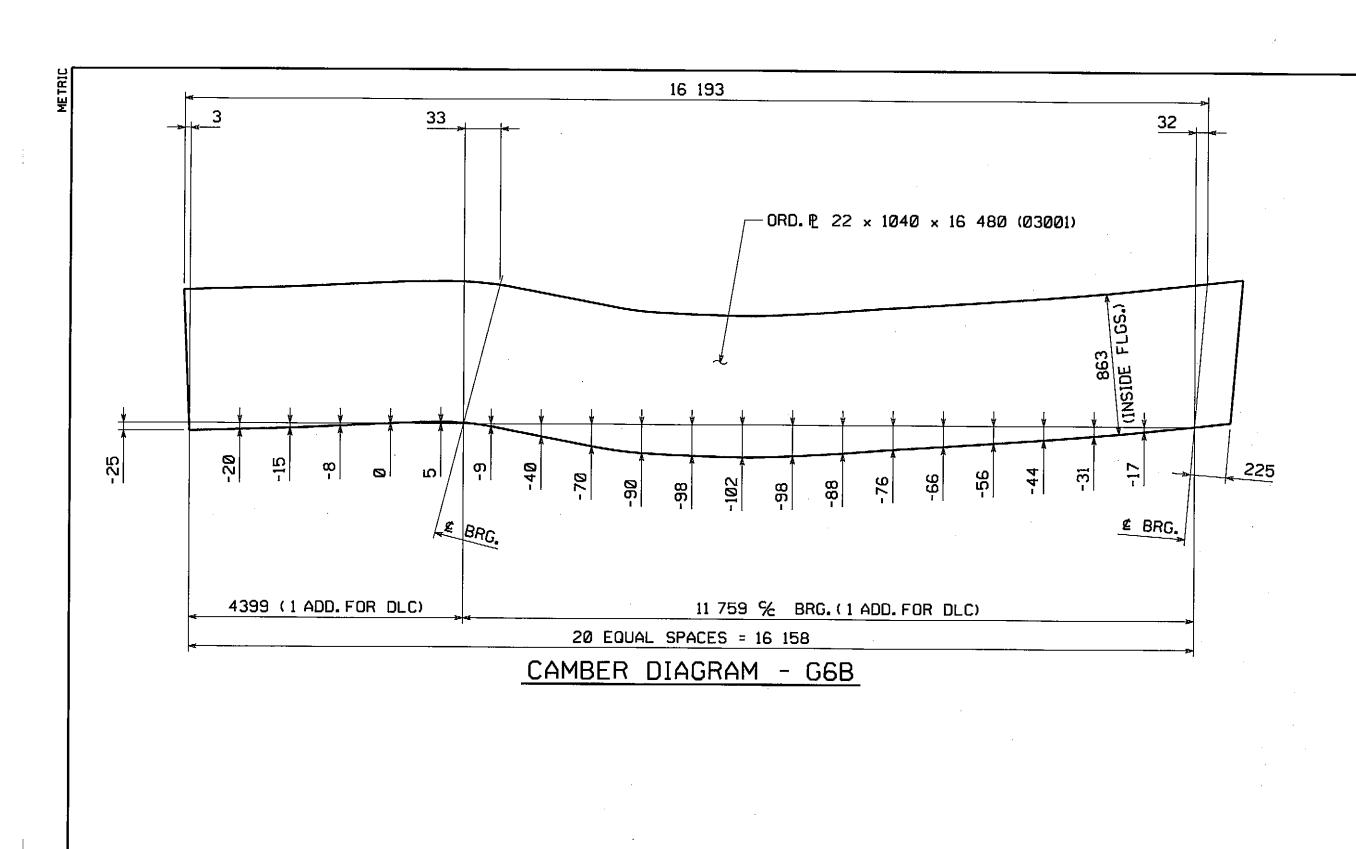
ORDERED LENGTH BOTTOM FLANGE

G1B,G6B 40 × 308 × 16 460 (04001) 40 × 308 × 16 460 (04001)

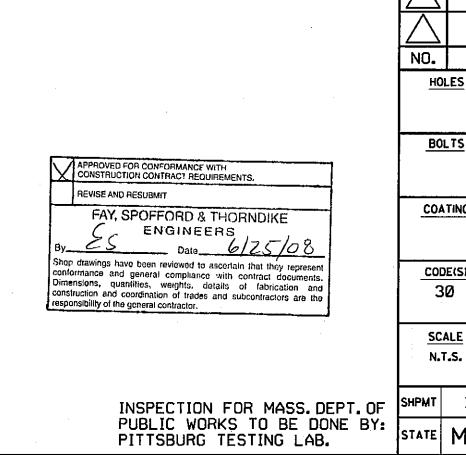
G2B THRU G5B 26 x 305 x 16 460 (04002) 26 x 305 x 16 420 (04002)

ONE - FLG. PLATE ASSEMBLY EA. ~ MK. G1B, G2B,G3B, G4B, G5B, G6B





NOTES: FOR NOTES, SEE DWG. WC1.



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NO.		REVISION	BY	CHK'D	DATE	
HC	<u>)LES</u>	THIC STEEL		ancaster Phone (717	lladelphia Pike . PA 17605-0008) 299-5211 † Facility	****
BO	<u>LTS</u>	An ISO 9001:2000 Certified Company An Affiliate of High Industries	E 5 inc. $\frac{1}{2}$	filliamspor Phone (57(t, PA 17701)) 326-9051	
		WEB CAMBER DIAGRAMS		. 14	rww.highstael.com	
CO/	ATING	VERNON AVENUE OVER WARE				
00,		VEDNON AVENUE CTA 10.7110C TO 0	TA 11	+18.10	5	
		BRIDGE NO. B-02-012 IN THE TOWN OF BARK	RE, WOF	RCEST	ER COUNT	YES STORY
	DE(S)	COMMONWEALTH OF MASSACHU	SETTS	-		100 mag
3	30	MASSACHUSETTS HIGHWAY DEPA	RTMEN	Τ	·	
sc	ALE	STATE CONT. PROJECT FILE NO. 60356 PROJ. NO.	BR-00	15(714)X	
N.	T.S.	GENERAL E.T. & L. CORPORATION HSSI K	KEN GL	IDDEN		
HPMT	1	DRAWING KREIDER (IH) MADE KMA CHK'D. BY		DATE	4-8-08	
TATE	MA	PROJECT S-1080005 STRUCT. ID A DRAWING NUMBER	WC2	OF	WC2	

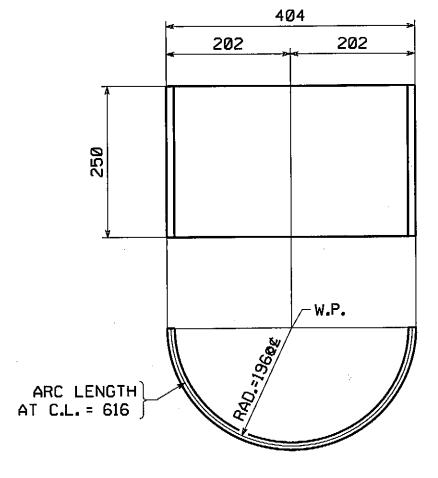
1080005A X1-1 4/25/08 4/25/08Approval

TO: E. T. L. Corporation

SHIPMENT Ø1 PM&ENG: 5003911 PRD: 5003912 SHIP&

: 4/24/2008

	BILL OF MATERIAL												
QTY	MARK	COMIVIODITY	DESCRIPT	ПОМ	LENGTH	SPEC	GRADE	TEST	REWARKS	ITEM	WEIGHT EA. (KG)		
4	m1a	PL	12.7 x	250	635	M270M	345VV		BENT	10009	16		



BENT PLATE ~ MK. mla

APPROVED FOR CONFORMANCE WITH CONSTRUCTION CONTRACT REQUIREMENTS.

REVISE AND RESUBMIT

FAY, SPOFFORD & THORNDIKE

ENGINEERS

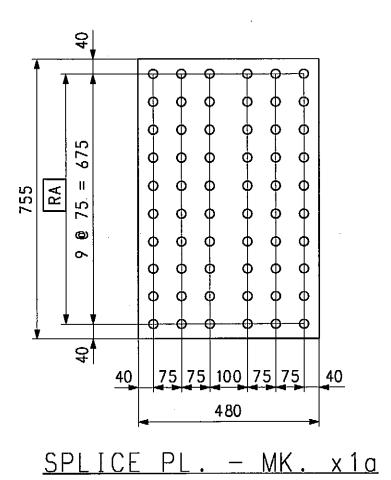
By Date 6/25/08

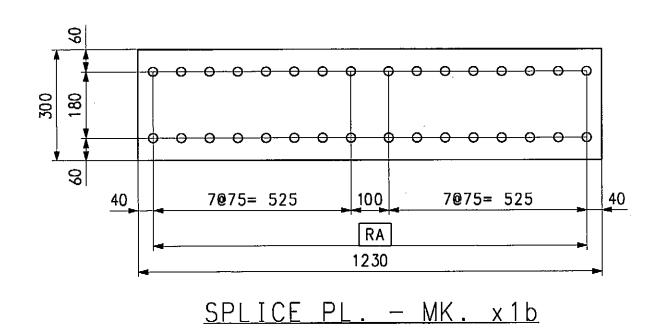
Shop drawings have been reviewed to ascertain that they represent conformance and general compliance with contract documents. Dimensions, quantities, weights, details of labrication and construction and coordination of trades and subcontractors are the responsibility of the general contractor.

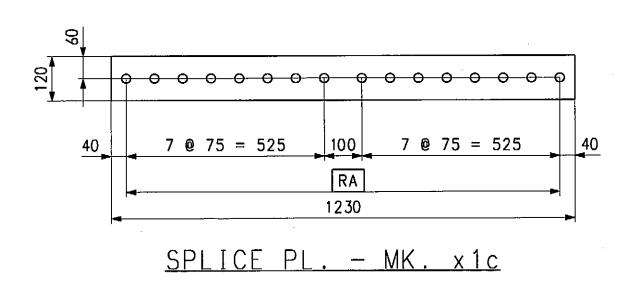
NOTES:
FOR NOTES, SEE DRAWING GN1.

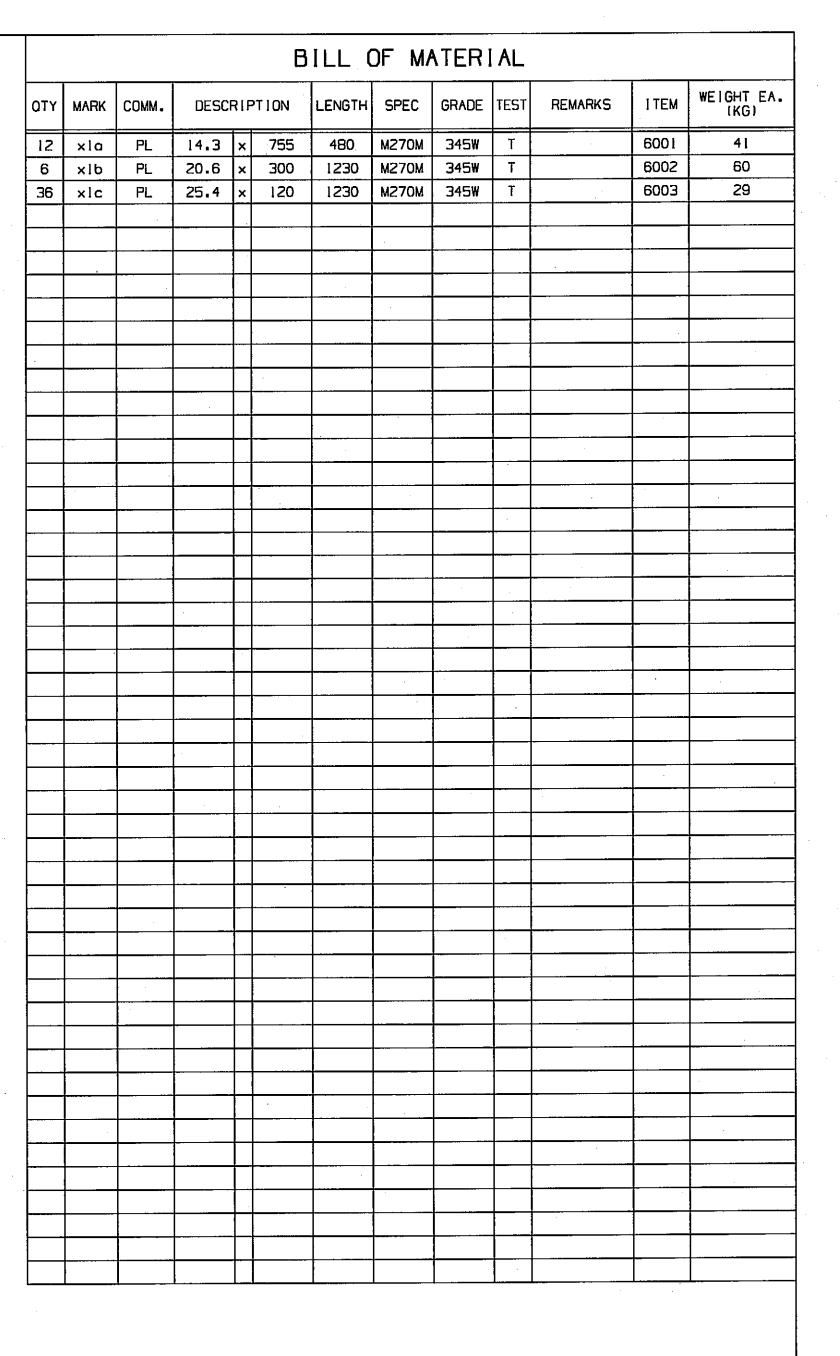
INSPECTION FOR MASS DEPT OF PUBLIC WORKS TO BE DONE BY: PITTSBURG TESTING LAB.

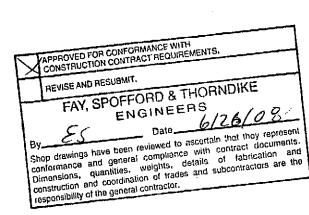
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	NO.				R	EVISION						BY	CHK,D		╛	
		NONE BOLTS HOLES NONE BOLTS HOLES NONE STEEL STRUCTUF									3		Loncaster Phone (717 Williamspor 3501 W. 4th	alladelphia Pike • PA 17605-0001 •) 299-5211 •• Facility • Street	3	
		An Affiliate of High Industri											Williamspor Phone (57)	+, PA 17701 0) 326-9051 www.highsteel.com		
	NO	NE	All 130 300E	-		MISCELL							· · · · · ·	WWW.IIQIIDIGGIDUI	1	
	COA	TING		VERNON AVENUE OVER WARE RIVER												
	-	NE.	VERNON AVENUE STA. 10+71.106 TO STA. 11+18.106													
	.,0		BRIDGE NO. B-02-012 IN THE TOWN OF BARRE, WORCESTER COUNTY													
	COL	E(S)			CI	OMMONW	EALT	H OF	M	4SSA	4CHU	SETTS				
	5	6			MAS	SSACHUS	ETTS	HIC	HW	AY [DEPA	RTME	NT_		┛	
		ALE	STATE CO	NT. NO.	PROJE	CT FILE	NO.	6035	566 _F	FED. PROJ. I	AID NO.	BR-001S(714)X				
-	N.	T.S.	GENER CONTRACT		E.T. &	L. CORP	ORAT	ION	P	ROJ. I	HSSI MGR	EN GL	IDDEN	.		
0F	SHPMT	1	DRAWING MANAGER	KR	EIDER	(IH)		MADE BY	S	SL	CHK'D BY		DATE	4-11-08		
3Y :	STATE	MA	HSSI PROJECT NUMBER	S	-108	0005	STRU	HSSI CT.ID	Α	DRAY NUM		M1	OF	M1		











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\triangle													
NO.		REVISION	BY	CHK 'D	DATE								
HOLI 15 " (U.N		THE STEEL 1915 0td Philadelphia Pike Lancaster, PA 17605-0008 Phone (717) 299-5211 www.highsteel.com											
BOL NO		ISO 9001:2000 Certified Company An Affiliate of High Industries Inc. GIRDER JOB STANDARDS											
		VERNON AVENUE OVER WARE RIVER											
COAT NON			VERNON AVENUE OVER WARE RIVER VERNON AVENUE STA. 10+71.106 TO STA. 11+18.106										
יוטאו	INC	BRIDGE NO. B-02-012 IN THE TOWN OF BARR			R COUNTY								
CODE	<u>(5)</u>	COMMONWEALTH OF MASSACHU			COUNTY								
30	0	MASSACHUSETTS HIGHWAY DEPA		Ţ									
SCAI	LE	STATE CONT. OR REF. NO. PROJECT FILE NO. 603566 FED. AID PROJ. NO. 1	B BR-0	015(71	4) X								
N.T.	.S. :	GENERAL CORPORATION HSS1 PROJ. MGR	KEN G	LIDDEN									
НРМТ	1	DRAWING BILL BRITIGAN MADE BY SSL CHK'D. MADE BY SSL CHK'D.		DATE	4-11-08								
STATE	MA	PROJECT NUMBER S-1080005 STRUCT. 1D A DRAWING NUMBER	X 1	OF	X2								

BILL OF MATERIAL

12.7 × 180 864 M270M 345W

863 M270M

LENGTH SPEC GRADE TEST

WEIGHT EA.

15.5027 15.5206 15.5027

15.5027

15.4847

15.5027

15.5027

15.5206

15.5027

15.4847

ITEM

07001

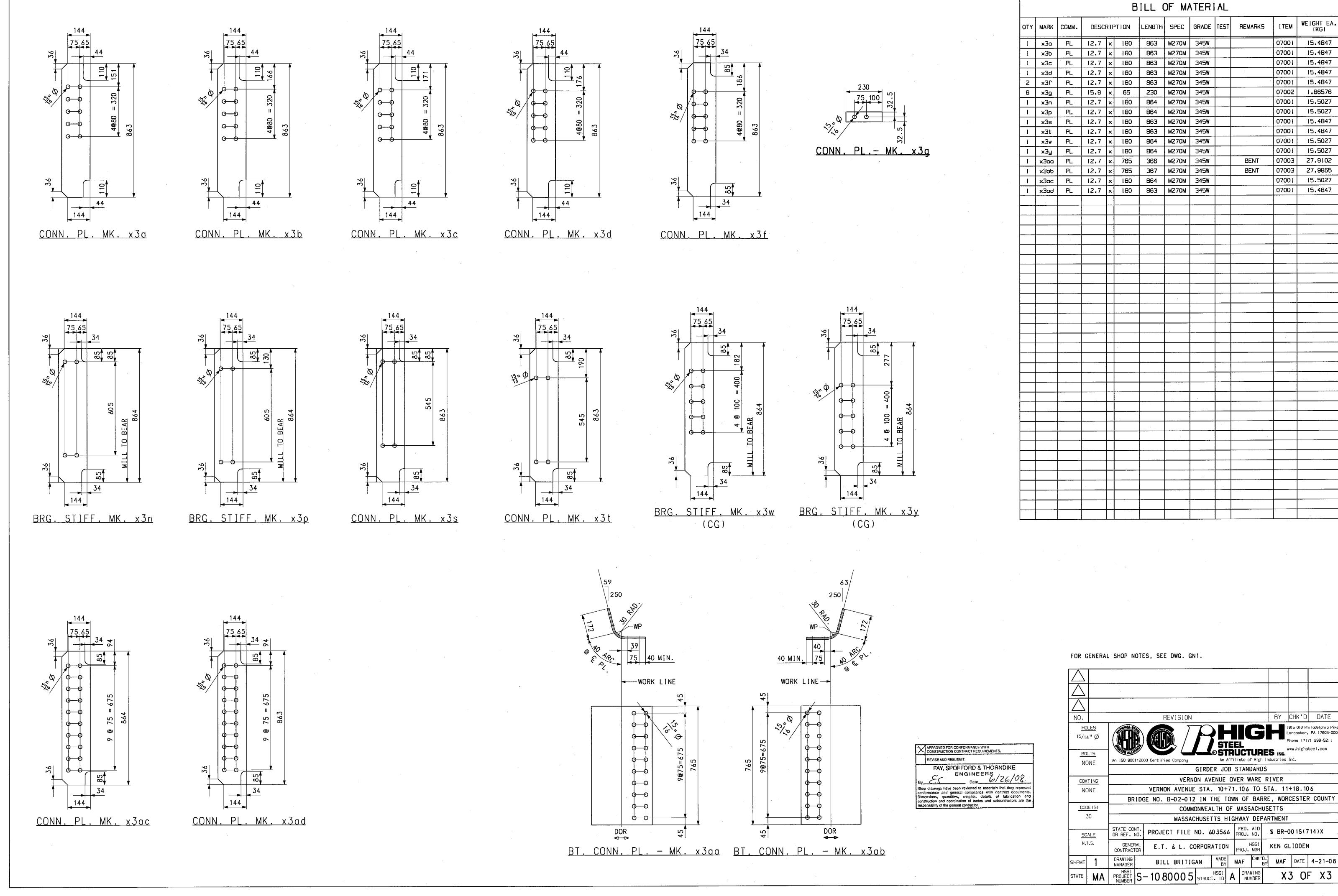
07001

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07001



ITEM WEIGHT EA.

07001

07001

BENT

15.4847 15.4847

15.4847

15.4847

15.4847

15.5027

15.5027

15.5027 15.5027 27.9102

27.9865

15.5027

07001 15.4847

BY CHK'D DATE

S BR-001S(714)X

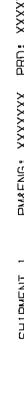
KEN GLIDDEN

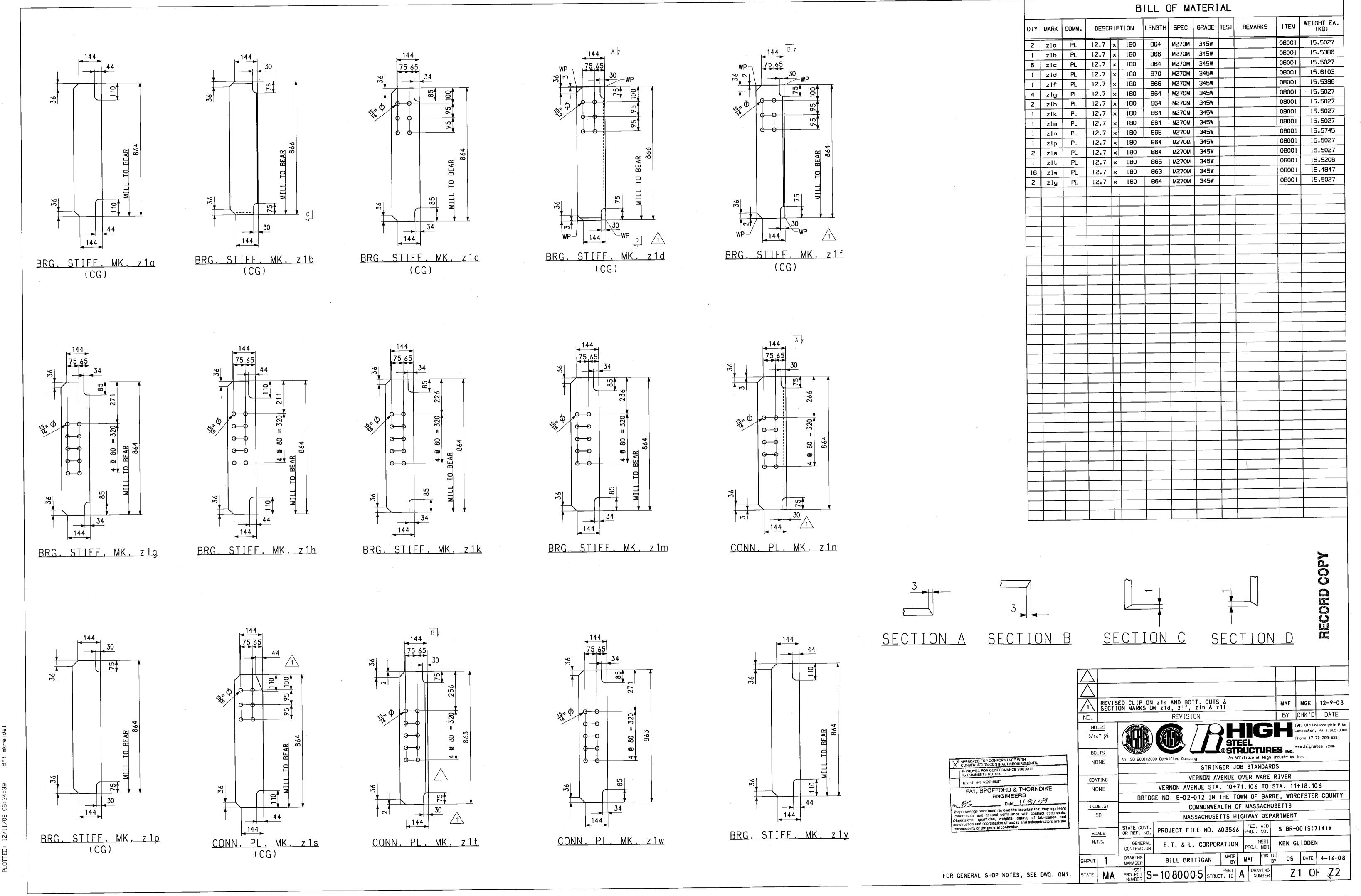
MAF CHK'D. MAF DATE 4-21-08

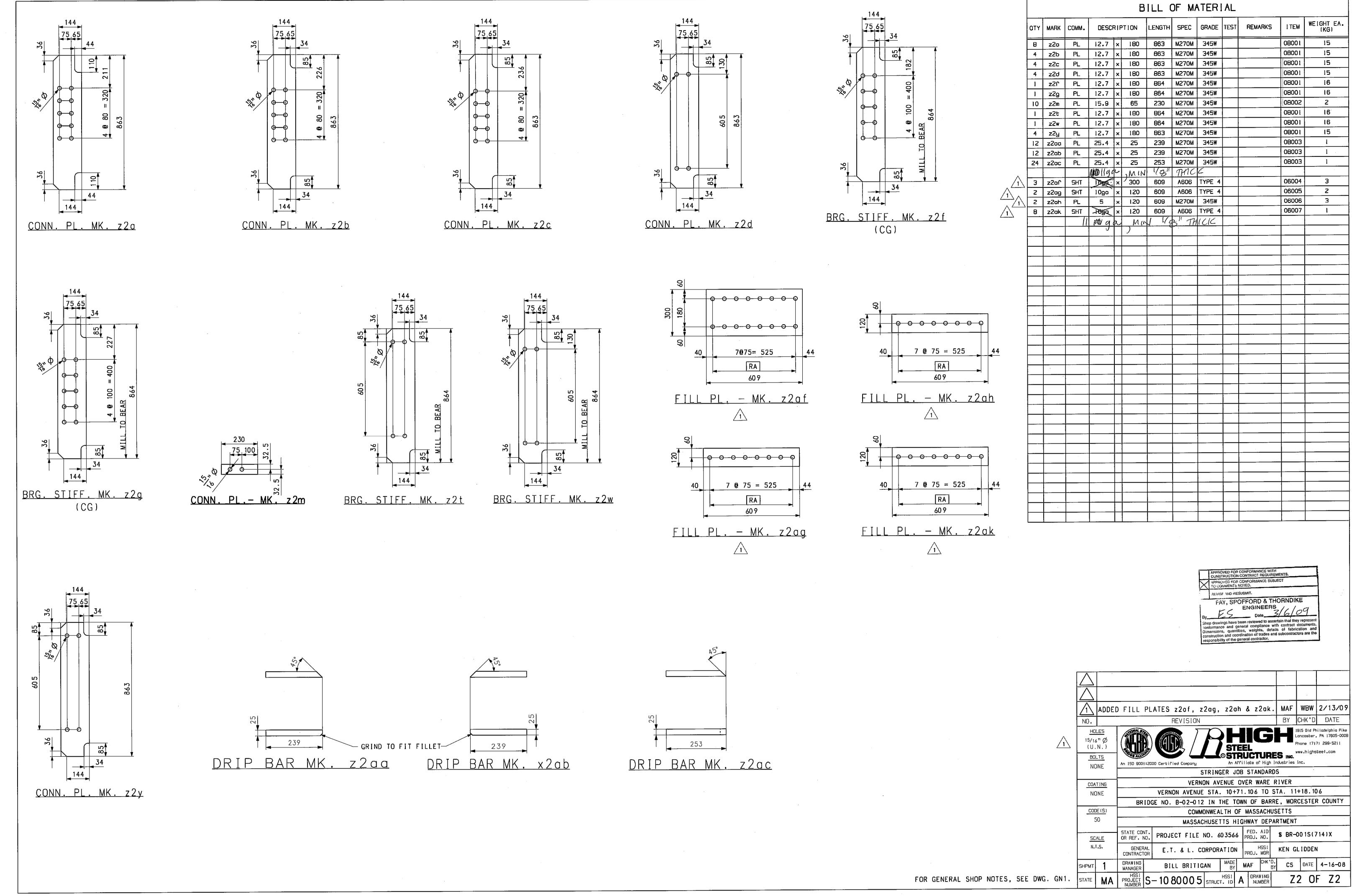
® STRUCTURES INC. WWW.h

07002 1.86576

4/25/08Approval







UNLESS NOTED OTHERWISE.ALL STEEL TO BE AASHTO M270M GRADE 345W. (T) INDICATES ZONE 2 CHARPY V-NOTCH TESTING REQUIRED.

ALL FLANGE AND WEB PLATE SPLICES TO BE MADE BEFORE FINAL FITTING AND WELDING

CAMBER TOLERANCE: -0 mm TO +19 mm FOR GIRDERS, -0 mm, +28 mm, FOR S1A THRU S6A. AND -0 mm, +12 mm FOR S7C AND S8D. ALL RE-ENTRANT CUTS TO HAVE 25 MIN. RADIUS.

BEARING AREA, AS NOTED ON GIRDER DETAILS, INDICATES AREA THAT MUST BE FLAT AND TRUE TO RECEIVE SOLE PLATE.

HEAT NUMBERS MUST BE TRANSFERRED IN THE INSPECTOR'S PRESENCE ON MAIN MEMBER MATERIAL.

DOR INDICATES DIRECTION OF ROLLING. (CG) INDICATES CORNER GRINDING.

CORNER GRINDING IS REQUIRED FOR ALL MAIN MEMBER FLANGE PLATES, FIELD SPLICE PLATES AND SECONDARY MEMBERS IN PAINTED AREAS.

INSPECTION:

SHOP INSPECTION BY MASSACHUSETTS HIGHWAY DEPARTMENT DESIGNATED REPRESENTATIVE.

WELDING:

ALL WELDING IS TO CONFORM TO AWS D1.5-02. FOR WELDING STIFFENERS AND CONNECTION PLATES TO GIRDERS AND STRINGERS, SEE TYPICAL WELDING DETAIL.

IDENTIFICATION OF HOLE PLACEMENT:

UNLESS NOTED OTHERWISE, BOLT HOLES IN MATERIAL 16mm OR LESS IN THICKNESS MAY BE CNC (COMPUTER NUMERICALLY CONTROLLED) PUNCHED OR CNC DRILLED FULL SIZE UNASSEMBLED. ALL MATERIAL THICKER THAN 16mm IS TO BE DRILLED.

GENERAL SHOP NOTES

NON-DESTRUCTIVE TESTING:

MAGNETIC PARTICLE INSPECTION IS REQUIRED ON AT LEAST 300 mm OF EVERY 3000 mm LENGTH OF FILLET WELD AND 300 mm OF SUCH WELDS LESS THAN 3000 mm IN LENGTH ON GIRDER WEB TO FLANGE AND CONNECTION PLATE TO WEB AND FLANGE. TESTING PER THE YOKE METHOD. USING DC.

ALL NON-DESTRUCTIVE TESTING MUST BE WITNESSED BY THE INSPECTOR.

HOLES MARKED RA ON DETAIL DRAWINGS TO BE SUB-PUNCHED/SUB-DRILLED 60 UNDER SIZE AND REAMED TO FULL SIZE, USING MECHANICALLY GUIDED REAMERS, OR DRILLED FROM SOLID, WITH CONNECTING PARTS ASSEMBLED AND MATCH MARKED.

CLEANING:

SSPC-SP10 BEFORE FABRICATION AND AGAIN BEFORE PAINTING

-PREFIXED "FS"

-PREFIXED "WC"

-PREFIXED "SA"

-PREFIXED "WP"

DRAWING REFERENCE:

FLANGE SPLICES

SHOP ASSEMBLY

WELDING PROCEDURE

GIRDER JOB STANDARDS -PREFIXED "X"

STRINGER JOB STANDARDS-PREFIXED "Z"

CROSSFRAME JOB STDS. -PREFIXED "M"

WEB CAMBERS

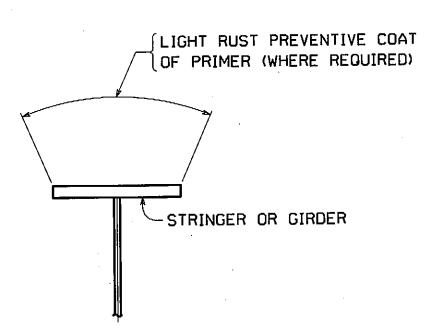
PAINT (U.N.) WITHIN 800mm OF THE END OF THE GIRDERS AND STRINGERS AT ABUTMENTS WITH ONE PRIME COAT OF MASS. APPROVED CARBOZINC 859 (ORGANIC ZINC) @ 75 MICROMETERS MIN. D.F.T. (NO DIAPHS.).

PAINT TOP FLANGE OF GIRDERS OR STRINGERS, AS SHOWN IN "TYPICAL PAINT SECTION", WITH A LIGHT RUST PREVENTIVE COATING OF ORGANIC ZINC (25 TO 40 MICROMETERS D.F.T.).

MINIMUM COLD-BENDING RADII OVER 19.1 TO | OVER 25.4 TO OVER 50.8 UP TO 19.1 | 25.4, INCL. 50.8, INCL. mm (t) ASTM A709M/ AASHTO M270M GRADE 2.0t 1.5t 2.5t 2.0t2.5t 2.0t 1.5t 3.0t2.5t 1.5t HPS485W 5.5t 4.5t 2.25t 1.75t 4.5t 5.5t 2.25t 1.75t

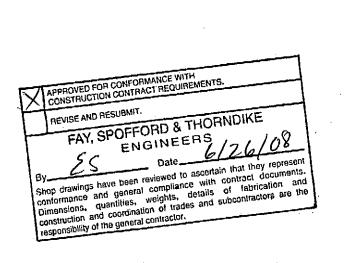
-WELD (WHERE INDICATED ON DETAILS) TOP OR BOTTOM FLANGE TOF STRINGER OR GIRDER

 $"X" = 6 \pm 3$ "Y" = 12 ± 6



TYP. PAINT SECTION

STIFFENER WELDING DETAIL



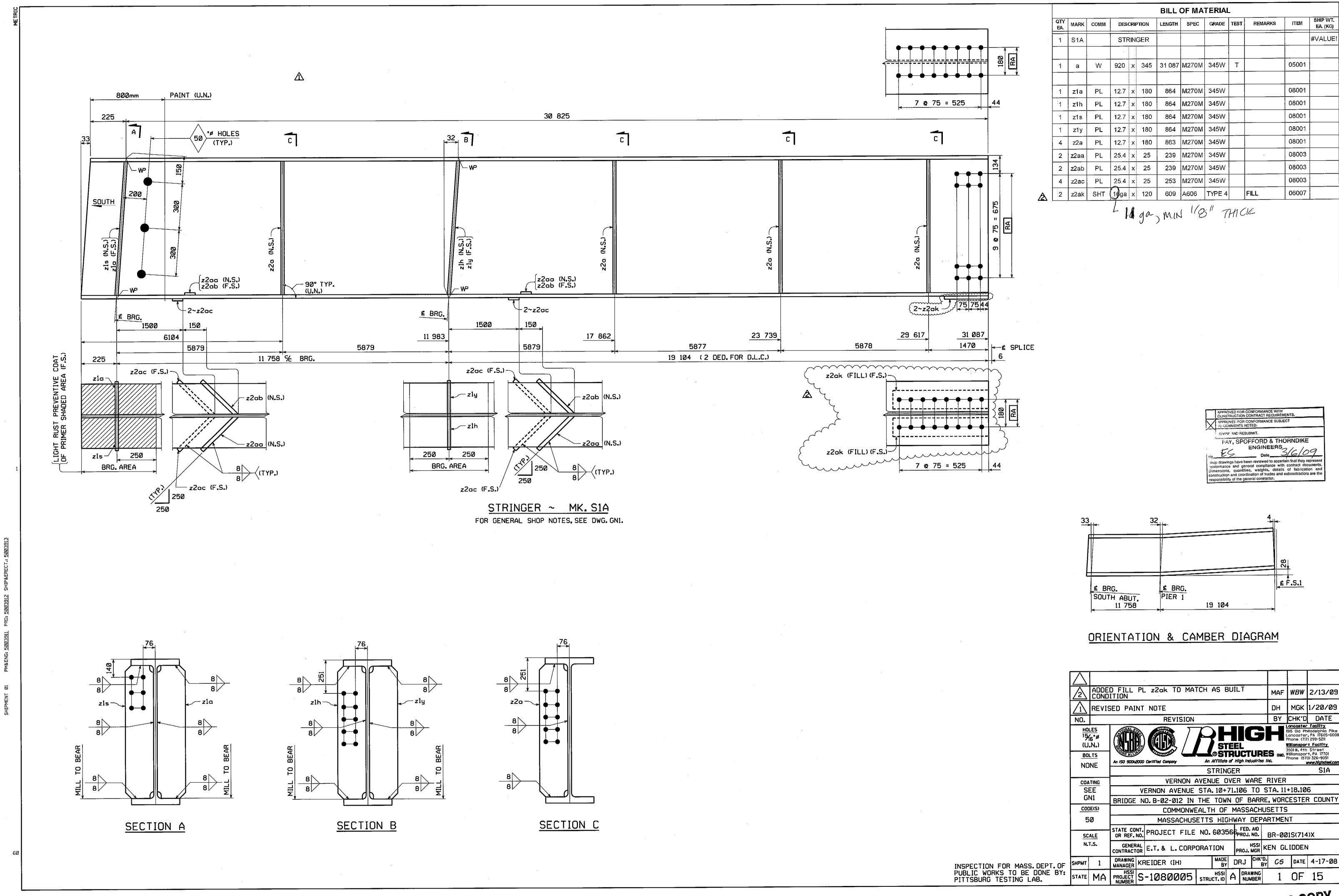
TO: E. T. L. Corporation

BY CHK'D DATE NO. An Affiliate of High industries inc. GENERAL SHOP NOTES VERNON AVENUE OVER WARE RIVER COATING VERNON AVENUE STA. 10+71.106 TO STA. 11+18.106 BRIDGE NO. B-02-012 IN THE TOWN OF BARRE, WORCESTER COUNT COMMONWEALTH OF MASSACHUSETTS MASSACHUSETTS HIGHWAY DEPARTMENT STATE CONT. PROJECT FILE NO. 60356 FED. AID BR-001S(714)X GENERAL E.T. & L. CORPORATION N.T.S. PROJ. MGR KEN GLIDDEN MADE Kma CHK'D. BY SJA DATE 4/3/08 DRAWING KREIDER (IH) INSPECTION FOR MASS. DEPT. OF PUBLIC WORKS TO BE DONE BY: PITTSBURG TESTING LAB. STATE MA PROJECT S-1080005 STRUCT. ID A DRAWING NUMBER GN1 OF GN1

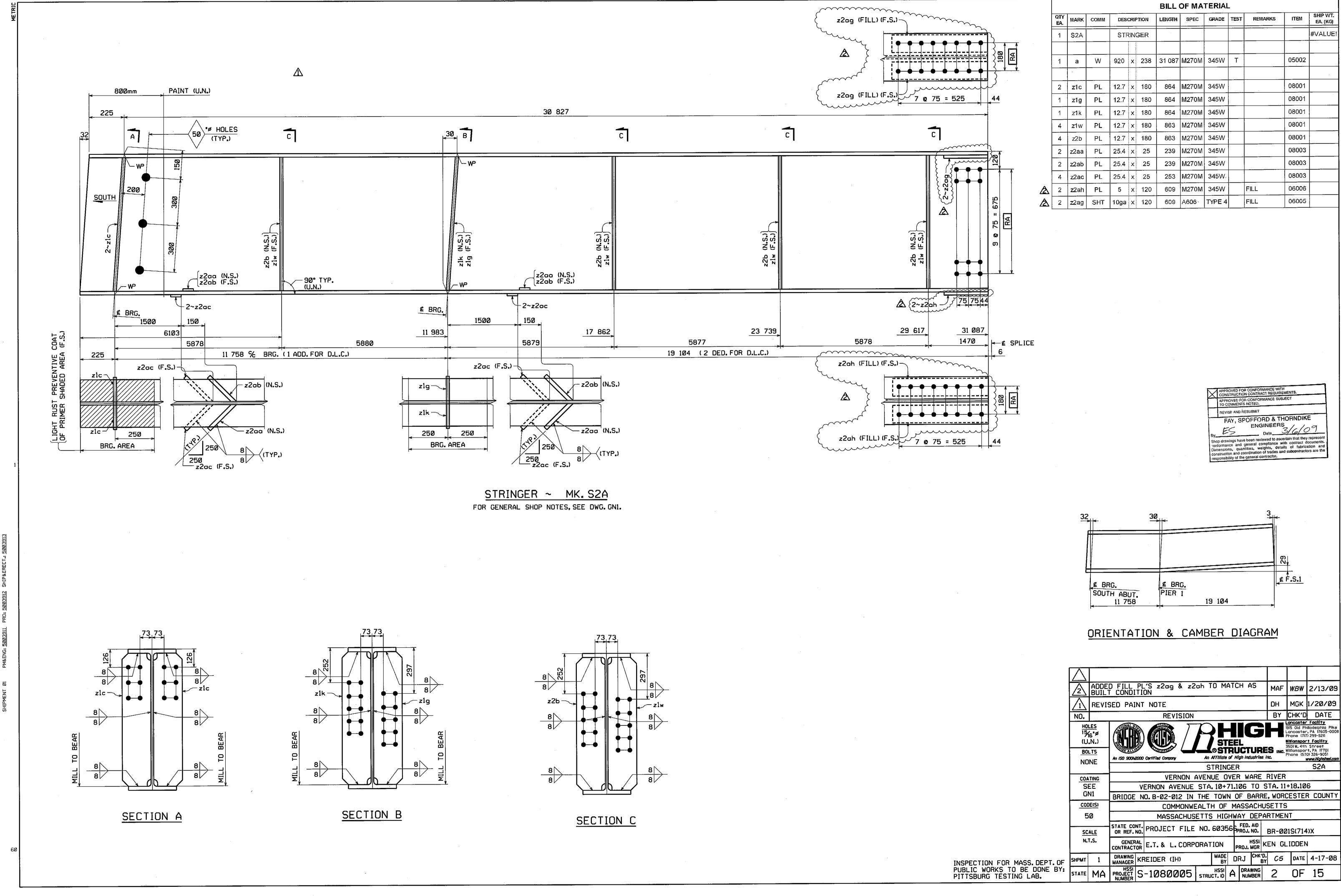
RECORD COPY

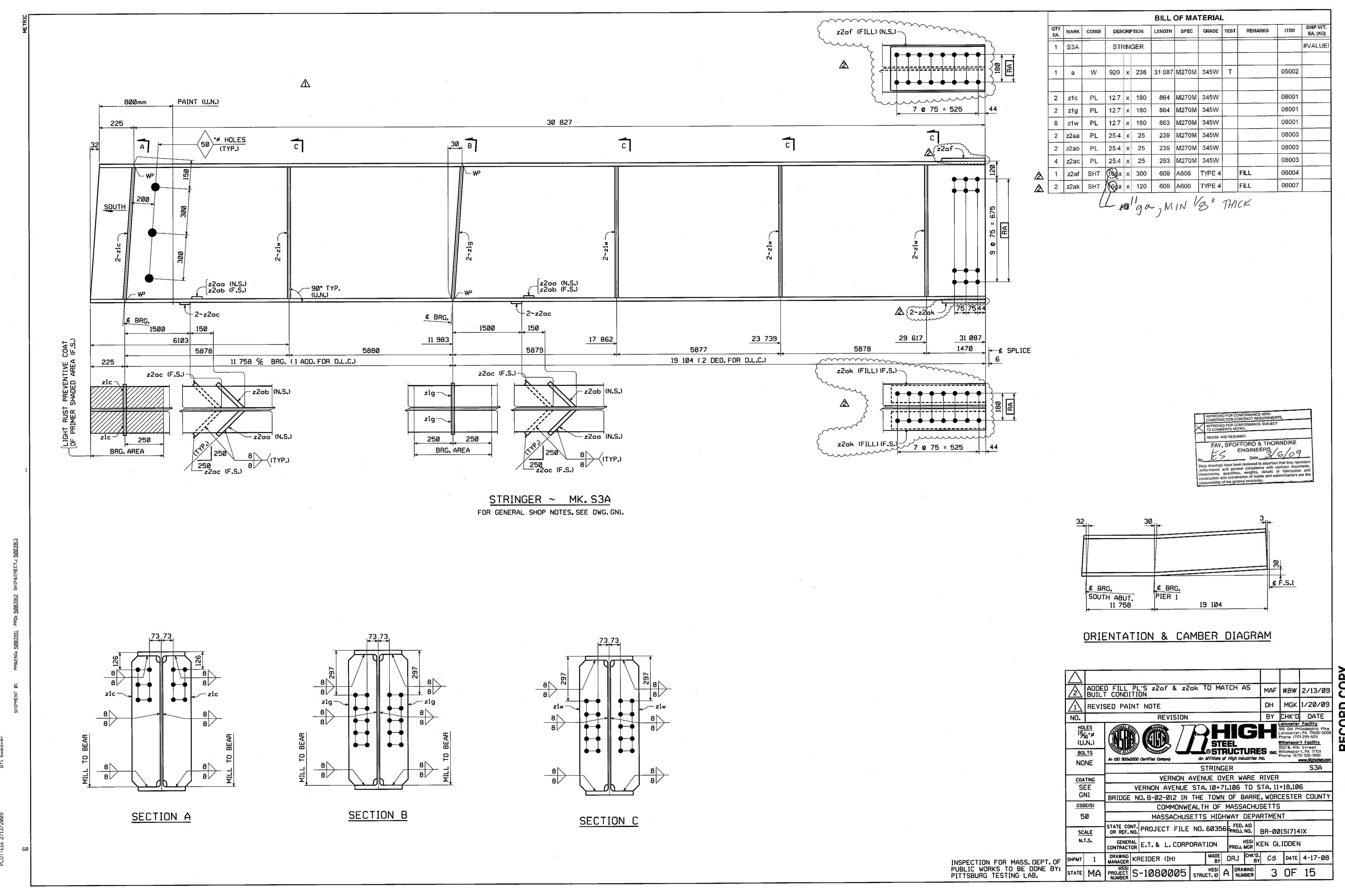
1080005A X1-1 4/25/08

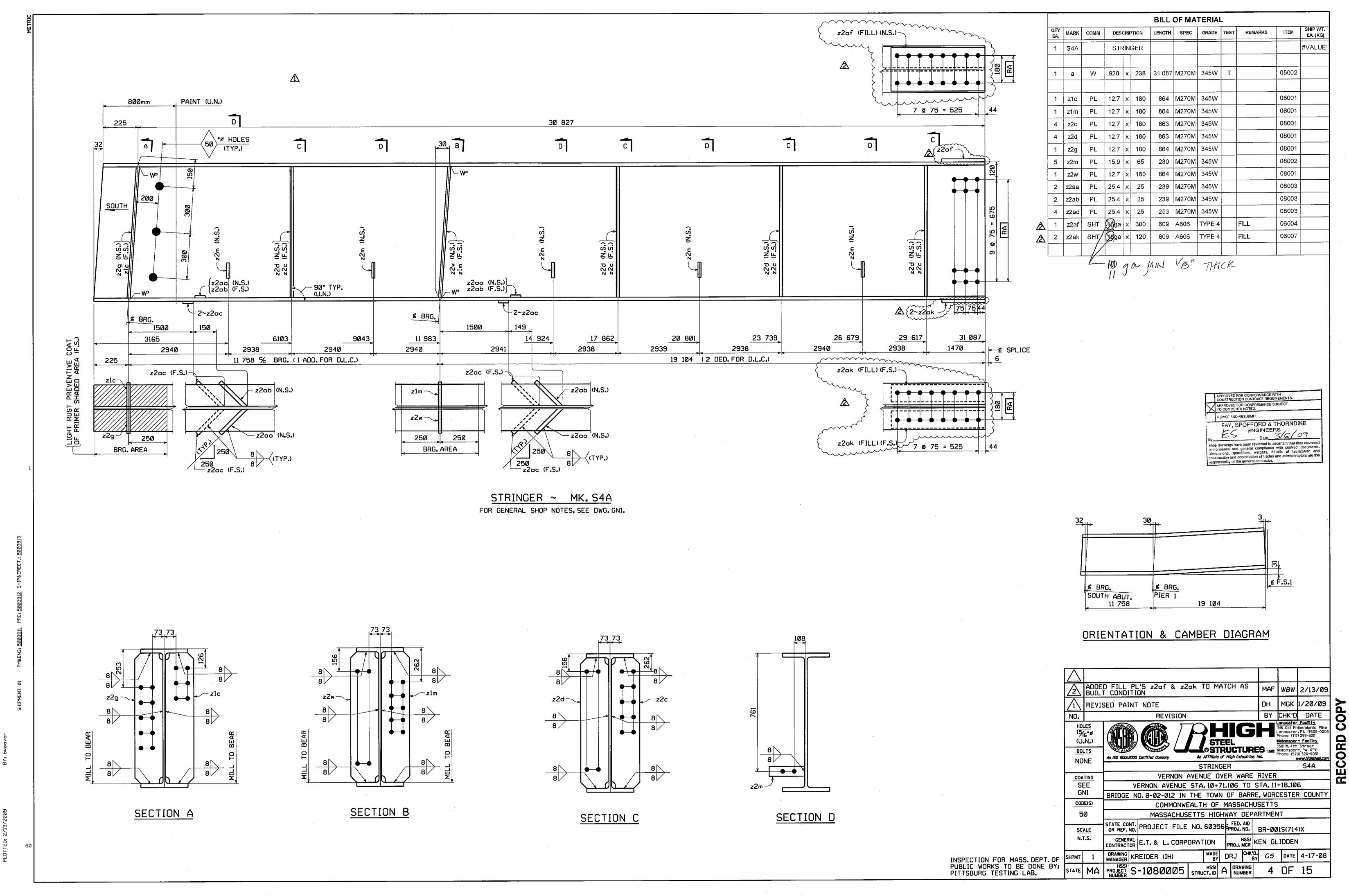
4/25/08Approval







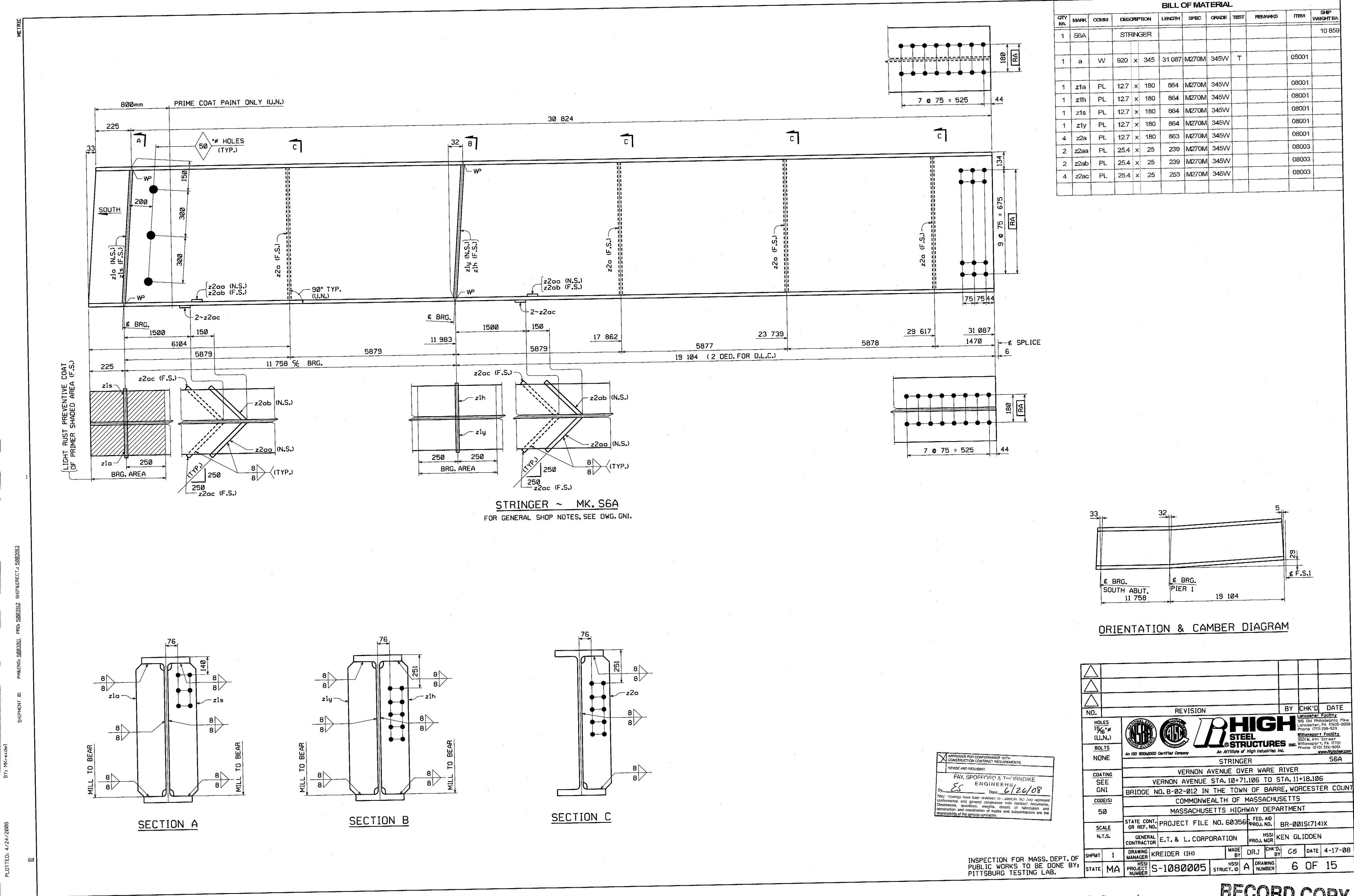


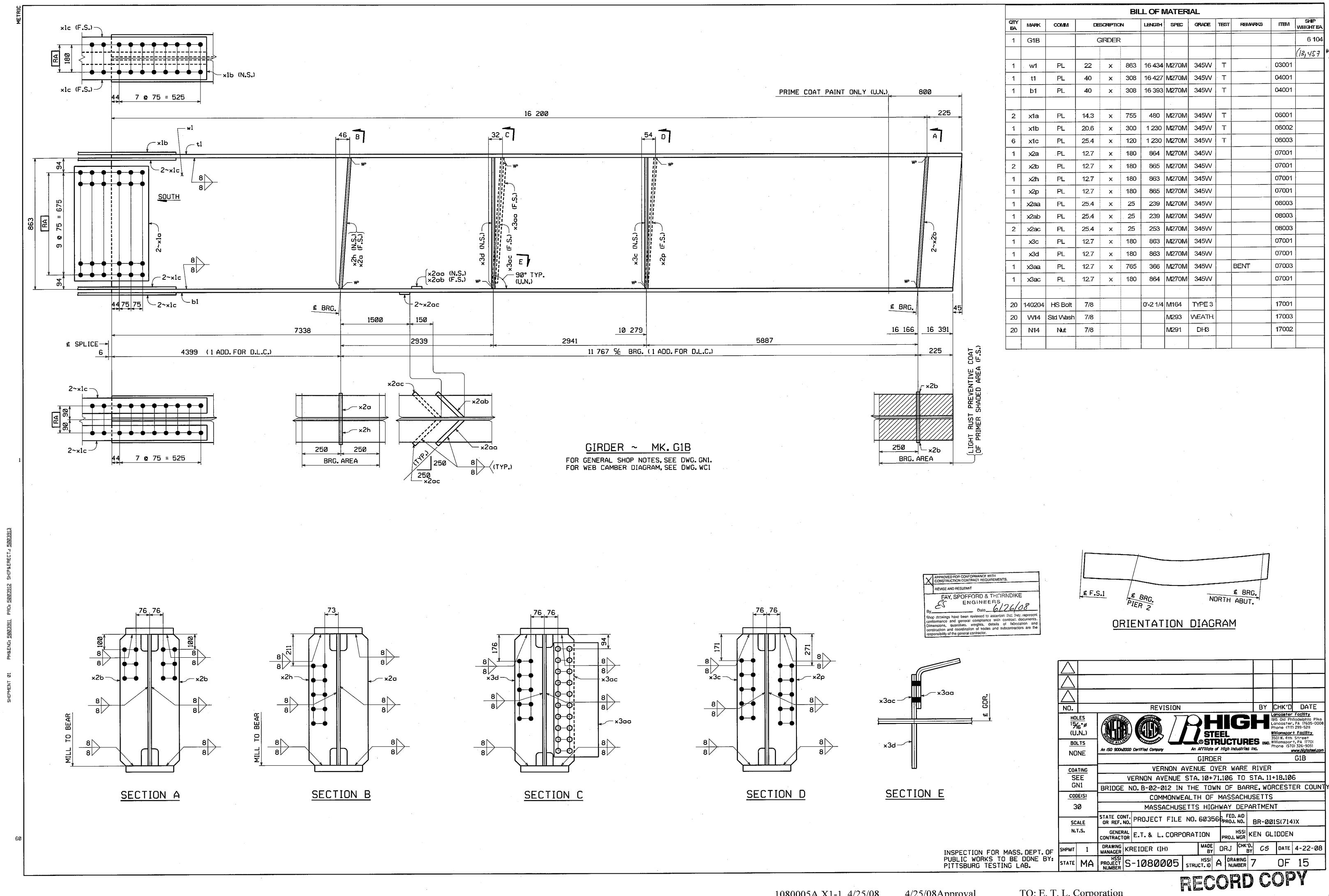


COPY

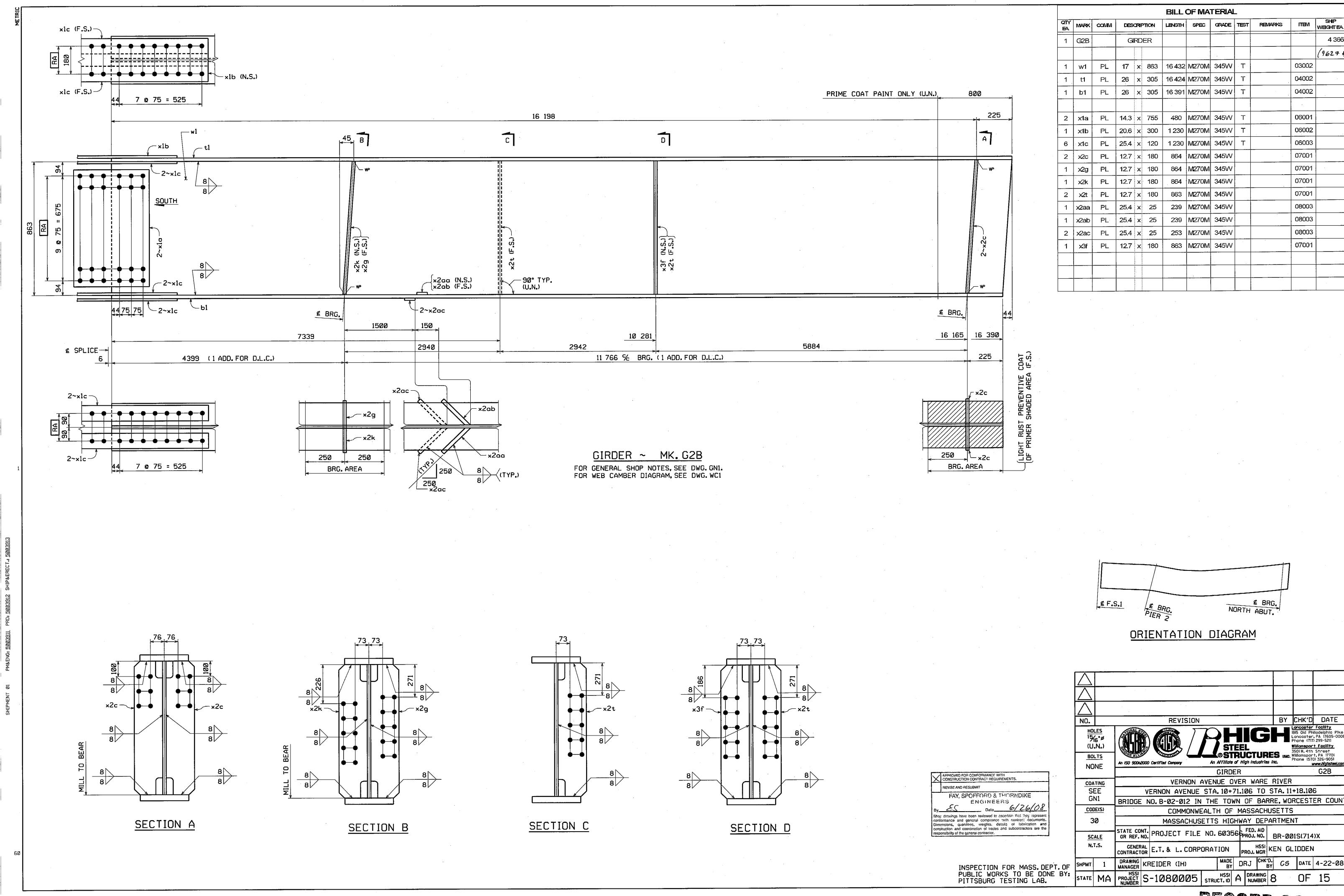
RECORD

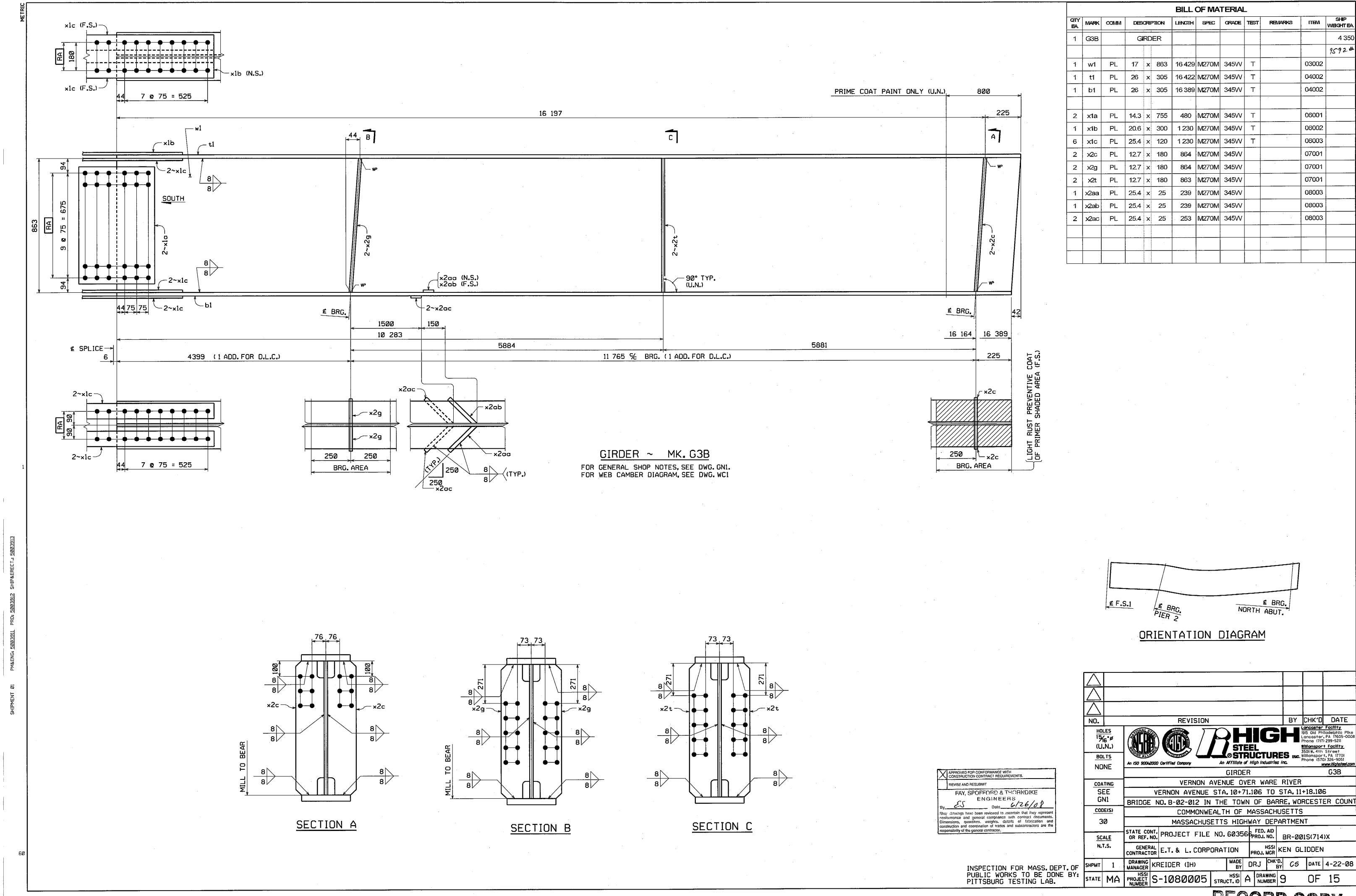
BILL OF MATERIAL

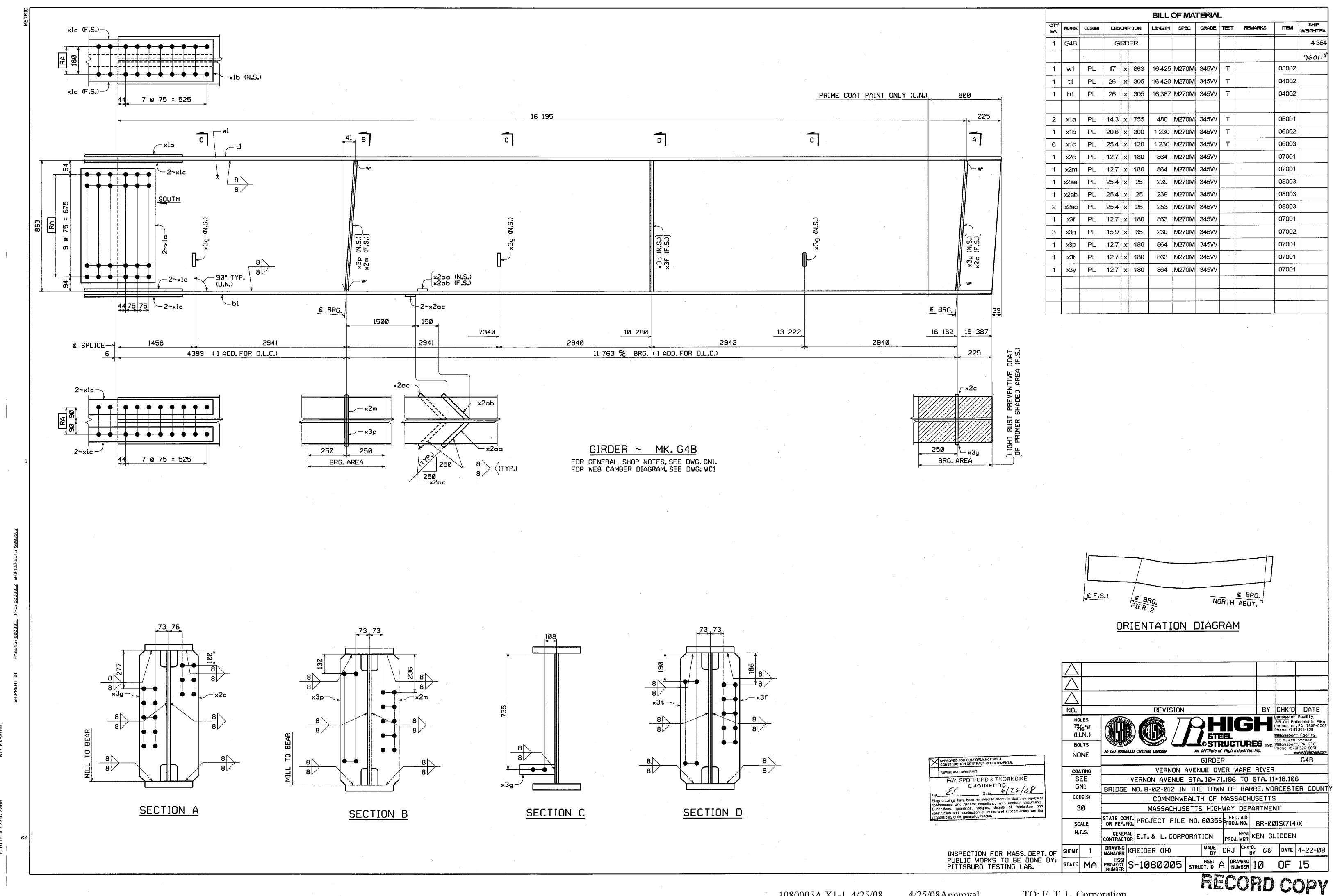


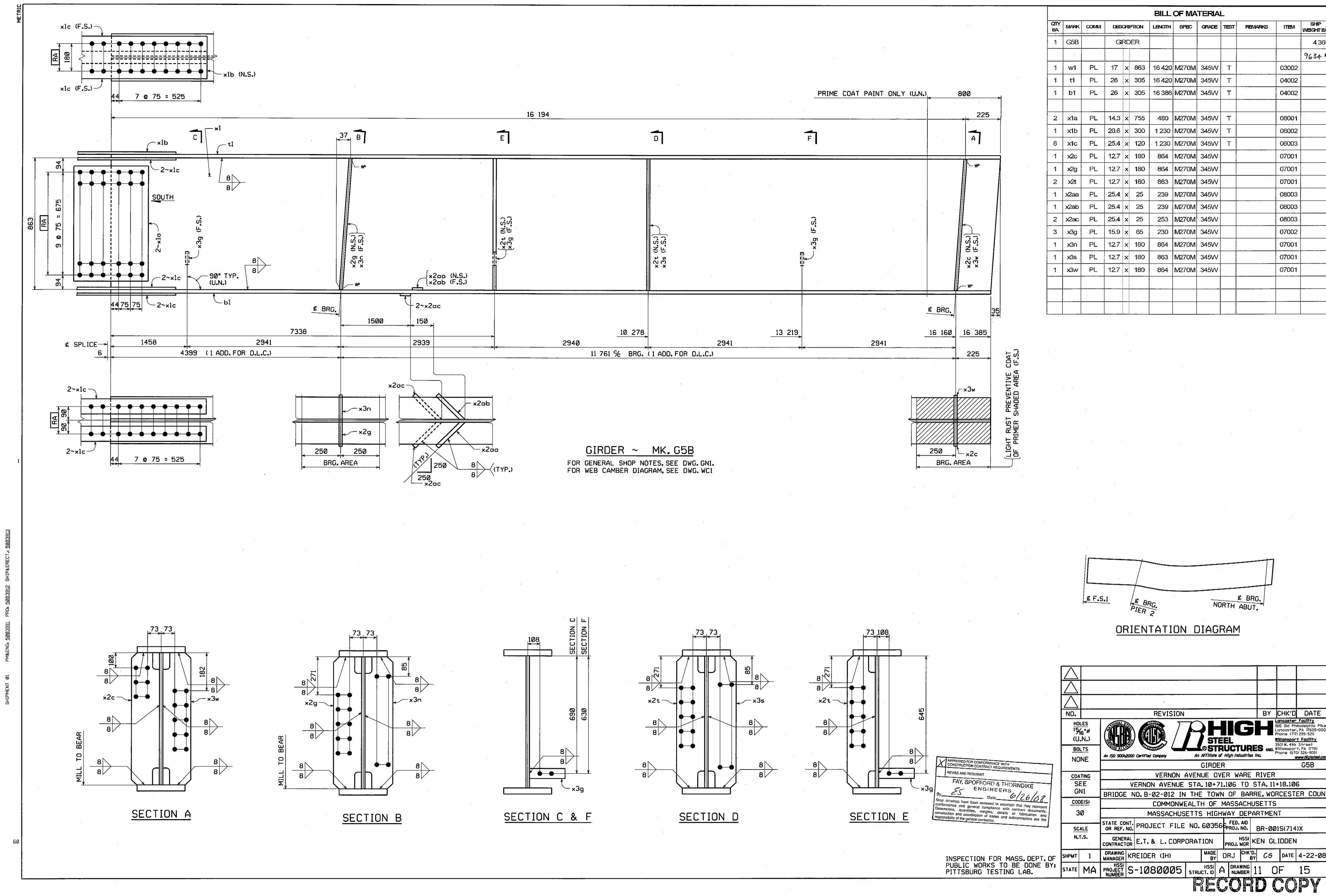


1080005A X1-1 4/25/08 4/25/08Approval TO: E. T. L. Corporation







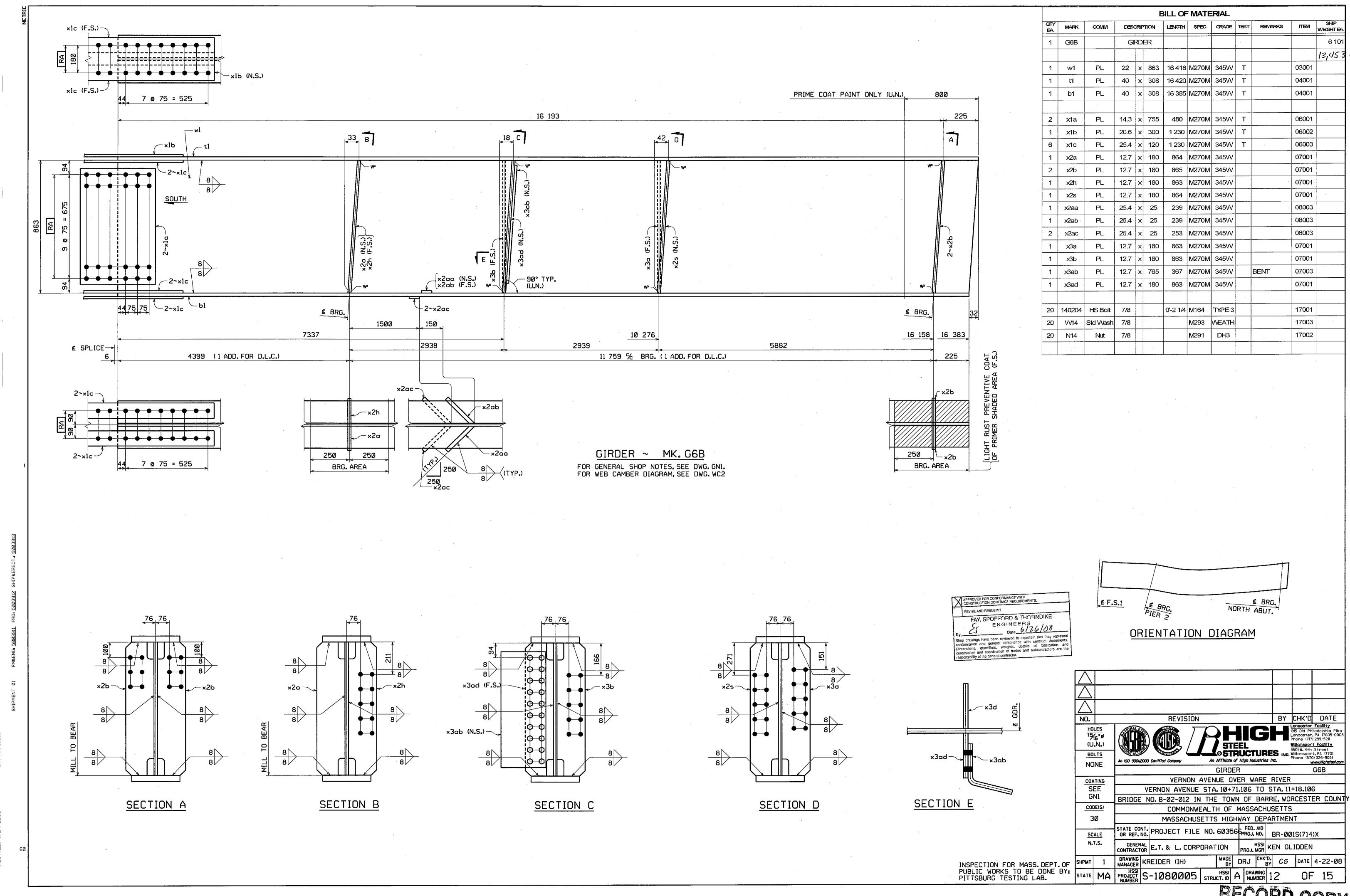


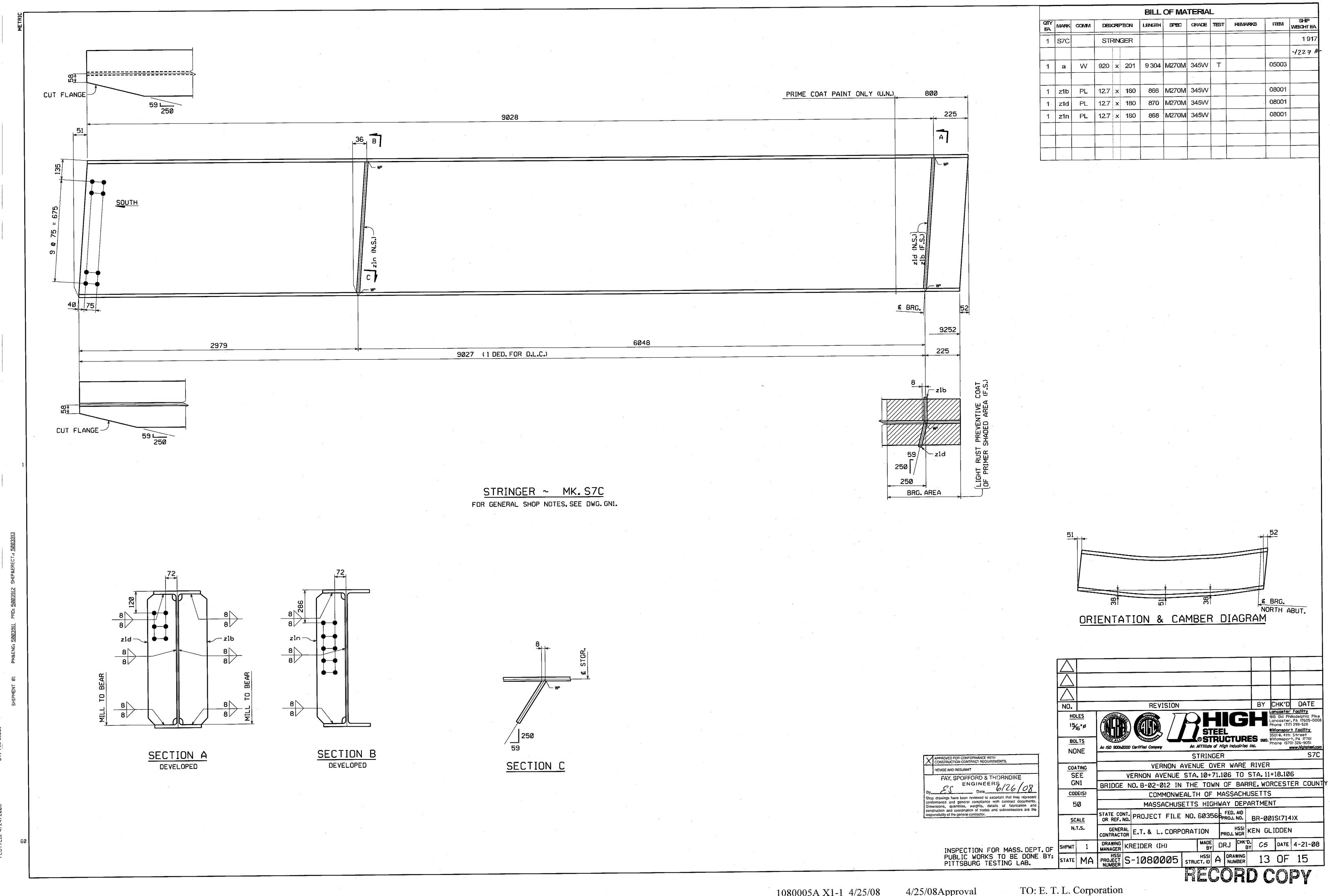
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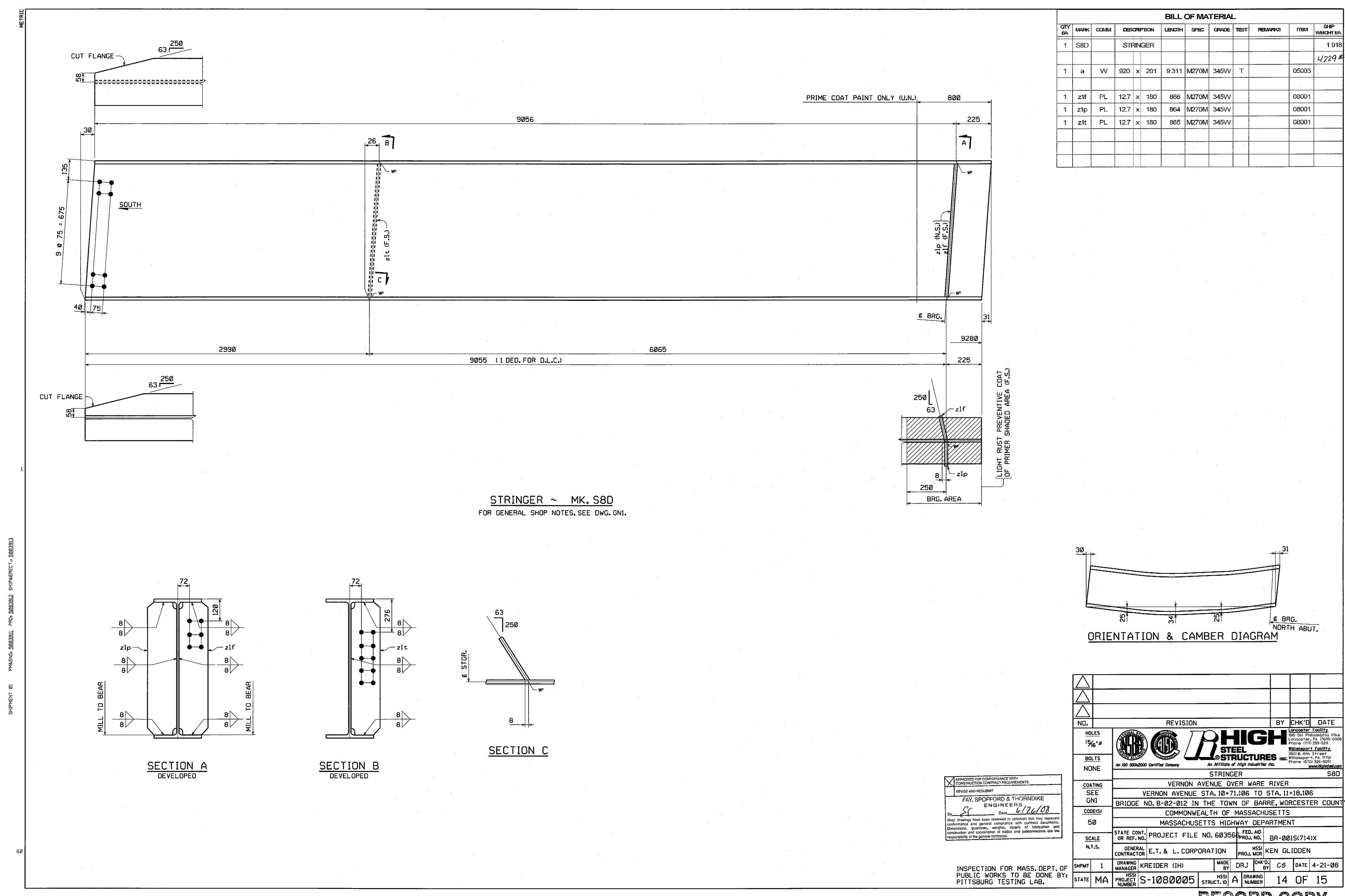
4/25/08Approval

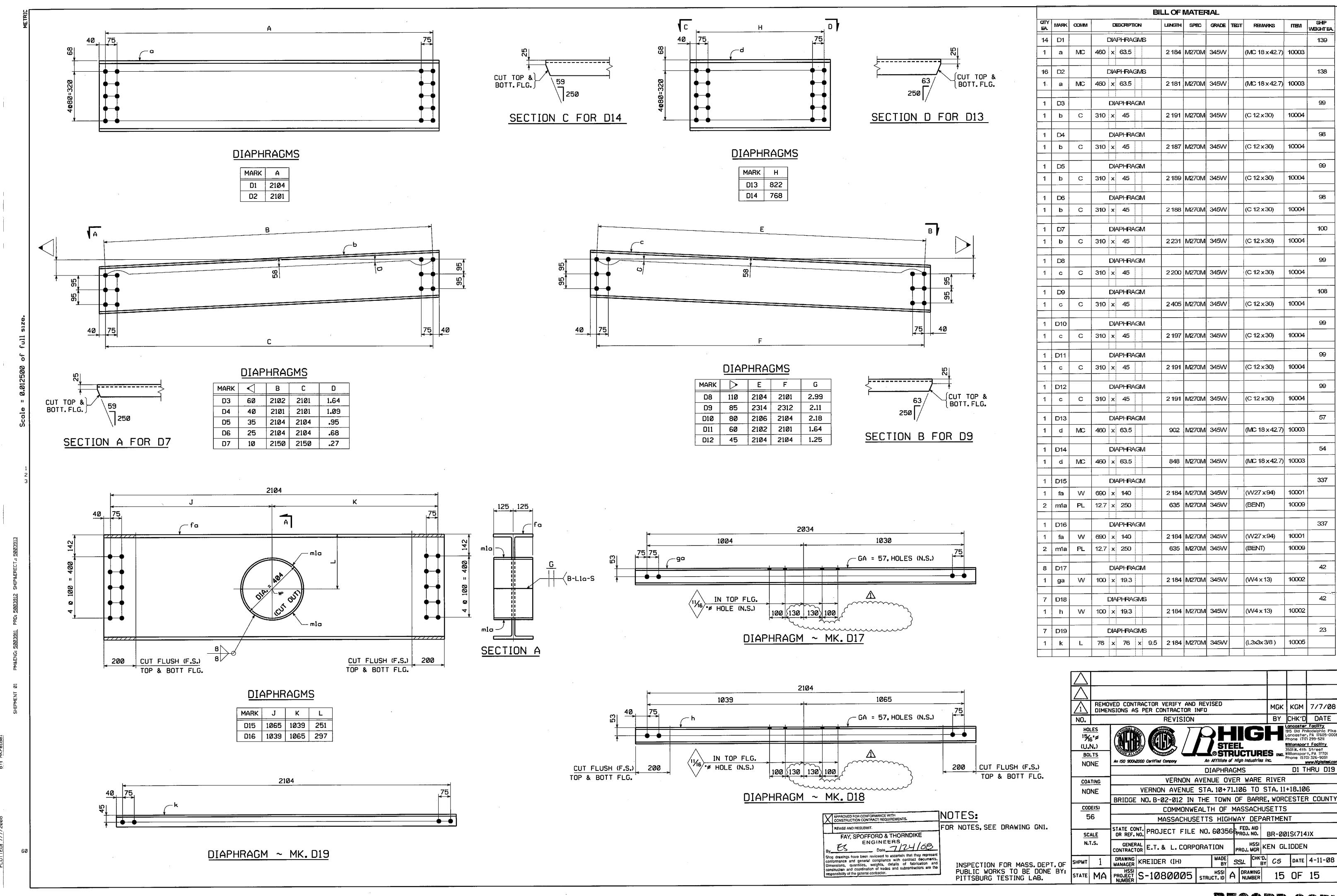
TO: E. T. L. Corporation

Corporation

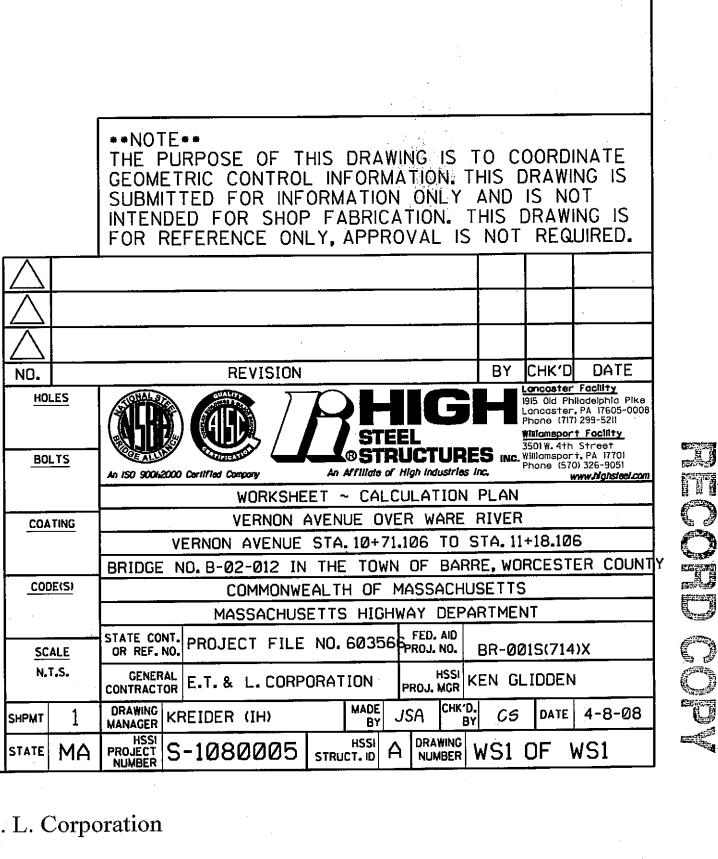


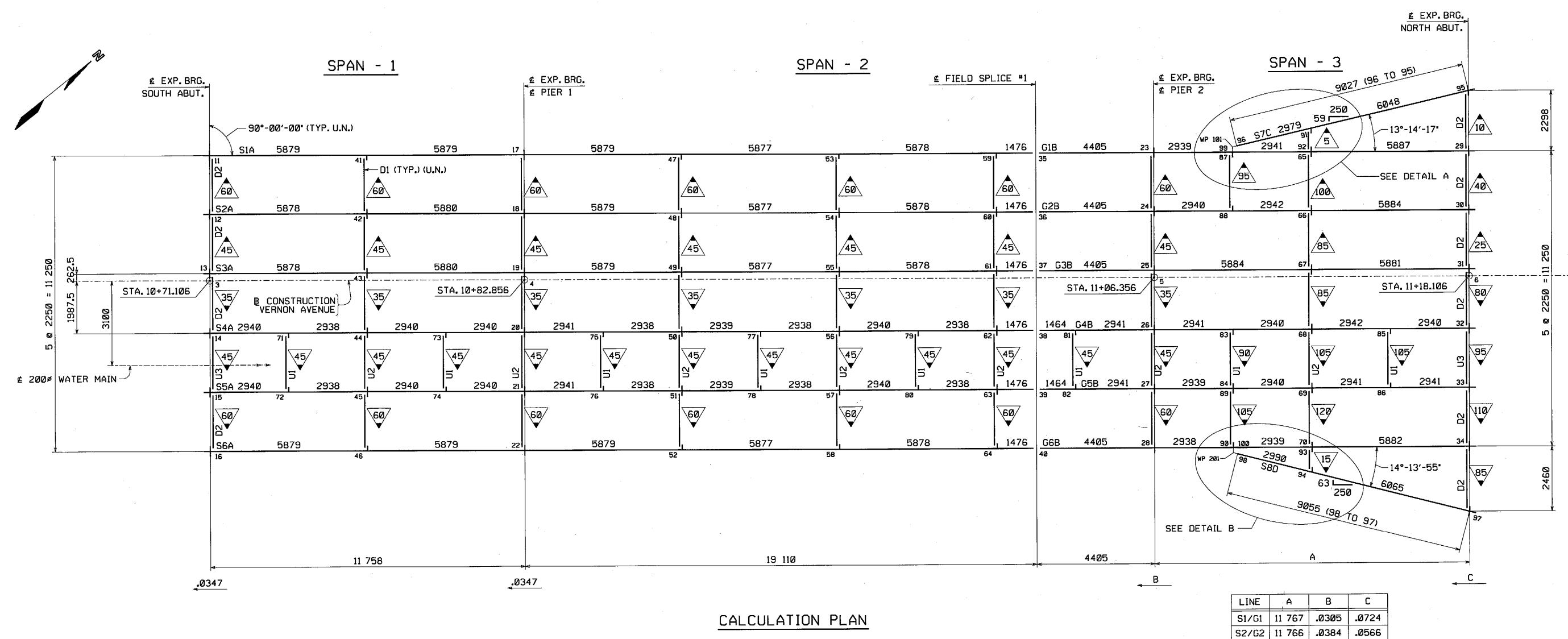






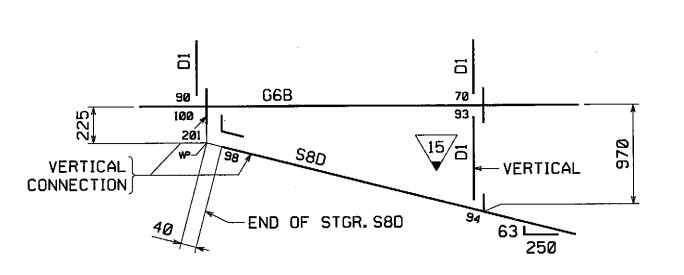
7/Resubmit For Approval





END OF STGR. S7C VERTICAL CONNECTION - VERTICAL

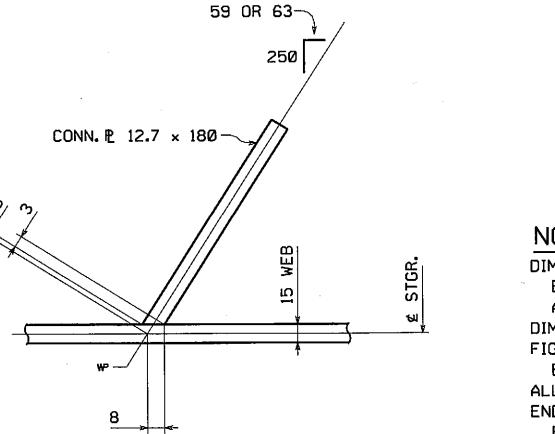
DETAIL A (WING STRINGER TO GIRDER LINE CONNECTION)



DETAIL B (WING STRINGER TO GIRDER LINE CONNECTION)



E.T.&L. Corp. APR 3 0 2008 RECEIVED



SKEWED STIFF. LAYOUT (ORIENTATION VARIES - SEE PLAN)

NOTES:

DIMENSIONS ON PLAN ALONG STRINGER/GIRDER ARE GIVEN TO THE CHORD AT THE BOTTOM OF WEB IN FULLY CAMBERED POSITION. ALL OTHER DIMENSIONS ARE GIVEN HORIZONTALLY.

DIMENSIONS PLACED ON THE STGR/GDR LINES REPRESENT DIAPH/UTILITY SUPPORT SPACING. FIGURES GIVEN THUS: 40347 ARE THE GRADES OF THE STGR/GDR AT THE BEARINGS IN FINAL POSITION; ARROW POINTS DOWNGRADE.

ALL STIFFENER AND CONNECTION PLATE SPACINGS ARE GIVEN TO & PLATE. ENDS OF STGR/GDR AND ALL BEARING STIFFENERS TO BE VERTICAL IN FINAL POSITION.

ALL STEEL TO BE AASHTO M270M GRADE 345W (U.N.). ALL FIELD CONNECTIONS TO BE MADE WITH % # H.S. (AASHTO M164 TYPE 3) BOLTS IN 156 # HOLES (U.N.).

FIGURES GIVEN THUS: 🚵 ARE THE DIFFERENCES IN ELEVATIONS OF STGR/GDR (MEASURED AT TOP OF WEB IN THE PLANE OF THE DIAPHRAGM IN ERECTED POSITION) AT DIAPHRAGMS: ARROW POINTS TOWARD LOW STRINGER/GIRDER (U.N.). FOR TYPICAL DETAIL LAYOUTS, SEE DRAWINGS PREFIXED 'TD'.

DIAPHRAGM/UTILITY SUPPORT MARKS SHOWN ON THE PLAN REFER TO THE DESIGN DRAWING MARKS, NOT THE HIGH STEEL STRUCTURES INC. MARKS.

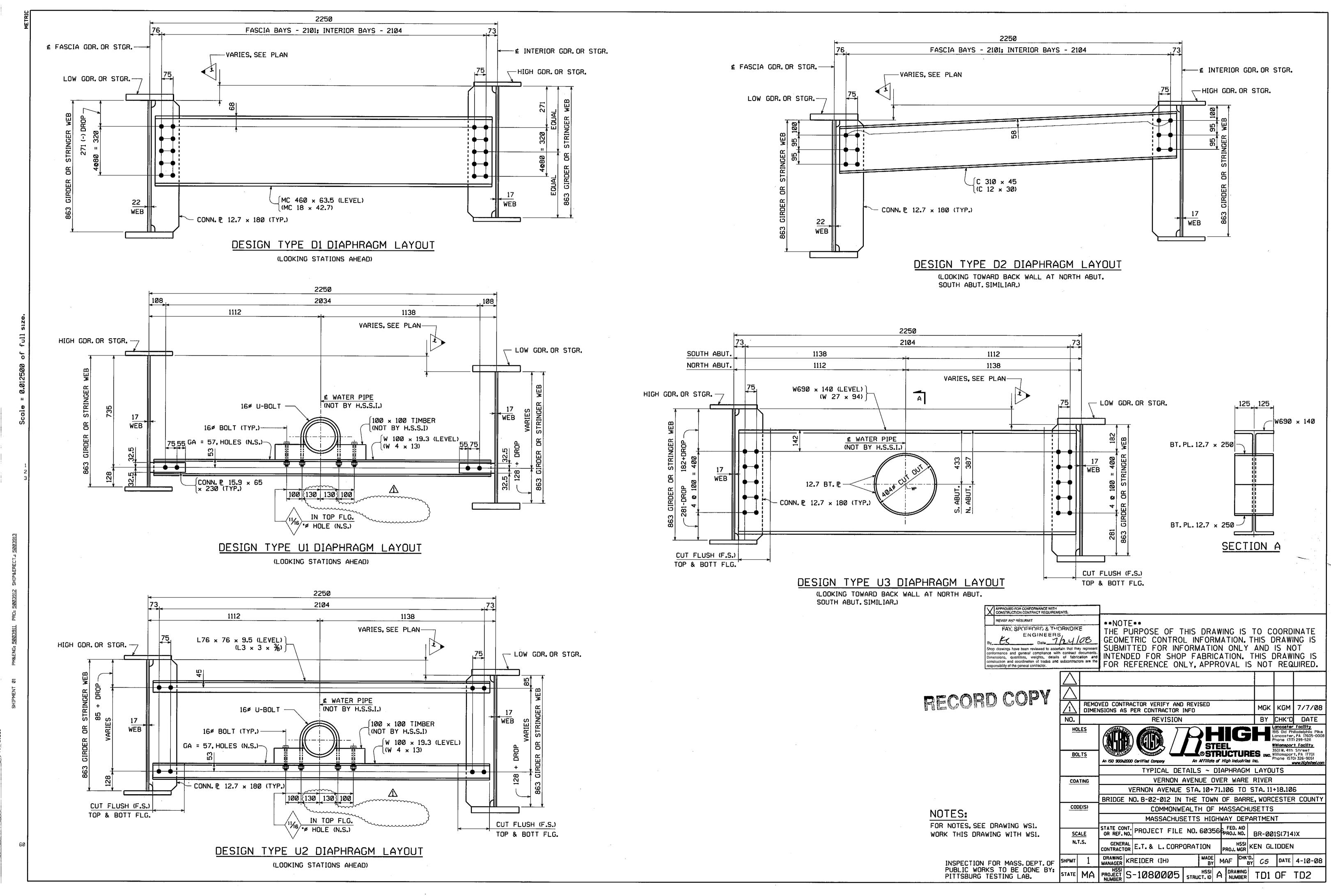
ALL STATIONS ARE GIVEN IN METERS.

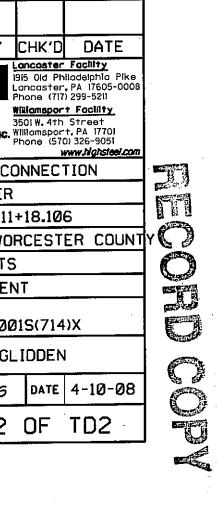
X	APPROVED FOR CONFORMANCE WITH CONSTRUCTION CONTRACT REQUIREMENTS.
	REVISE AND RESUBMIT.
COR Din	FAY, SPOFFORD & THORNDIKE ENGINEERS Date 6/25/08 The drawings have been reviewed to ascertain that they represent formance and general compliance with contract documents, nensions, quantities, weights, details of fabrication and struction and coordination of trades and subcontractors are the ponsibility of the general contractor.

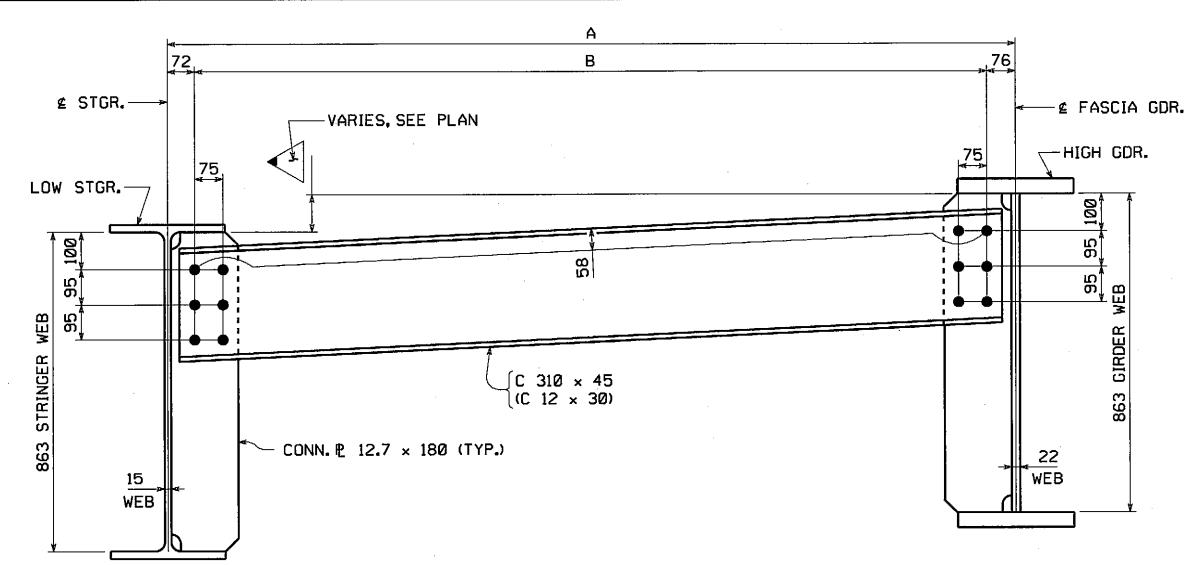
NOTE
THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DRAWING IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION. THIS DRAWING IS

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INSPECTION FOR MASS.DEPT.OF PUBLIC WORKS TO BE DONE BY: PITTSBURG TESTING LAB.

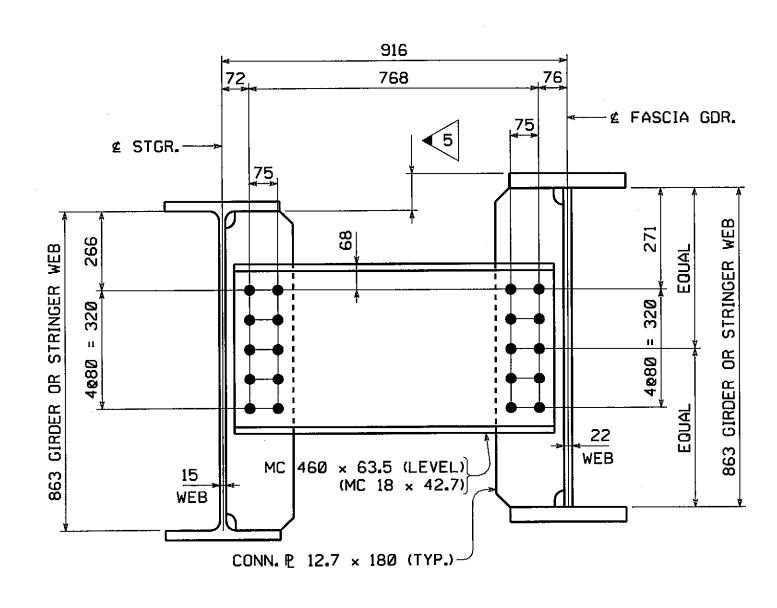




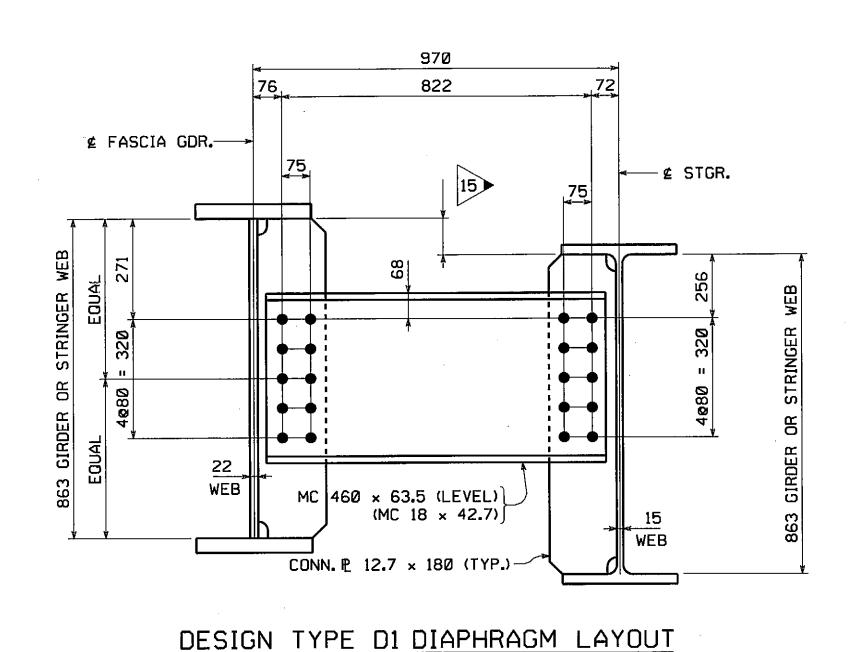


DESIGN TYPE D2 DIAPHRAGM LAYOUT (LOOKING TOWARD BACK WALL AT NORTH ABUT.

PTS. 95 AND 29 SHOWN, PTS. 34 AND 97 SIMILIAR.)



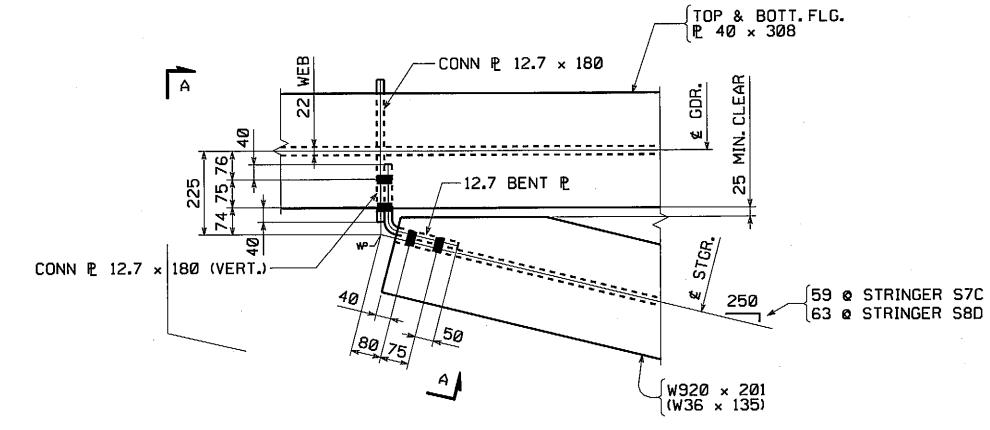
DESIGN TYPE D1 DIAPHRAGM LAYOUT (LOOKING TOWARD BACK WALL AT NORTH ABUT.@ PTS. 91 AND 92.)



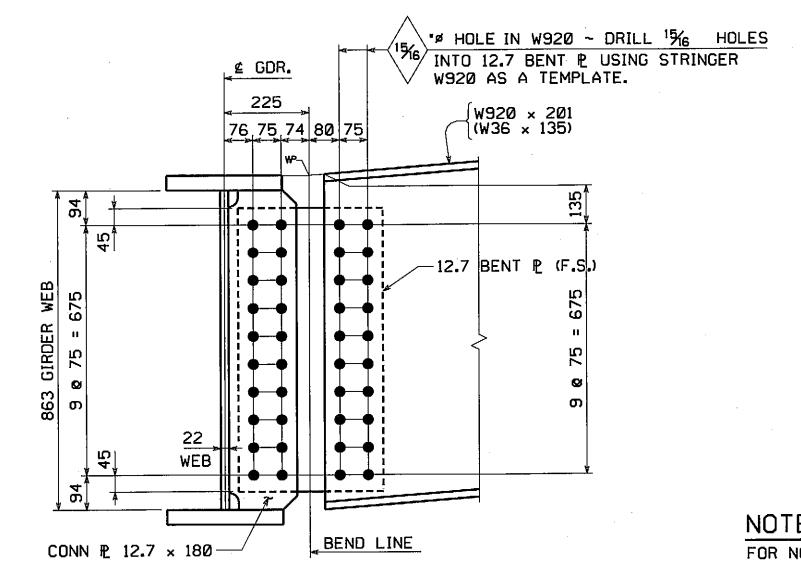
(LOOKING TOWARD BACK WALL AT NORTH ABUT. @

PTS. 93 AND 94.)

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STRINGER TO GIRDER CONNECTION LAYOUT (GIRDER G6B SHOWN - GIRDER G1B SIMILAR)



SECTION A-A (DEVELOPED)

REVISE AND RESUBMIT FAY, SPOFFORD & THORNDIKE

ENGINEERS

By Date 6/25/08

Shop drawings have been reviewed to ascertain that they represent conformance and general compliance with contract documents. Dimensions, quantilies, vielghts, datails of tablication and construction and coordination of trades and subcontractors are the responsibility of the general contractor.

NOTES: FOR NOTES, SEE DRAWING WS1. WORK THIS DRAWING WITH WS1.

INSPECTION FOR MASS.DEPT.OF PUBLIC WORKS TO BE DONE BY: PITTSBURG TESTING LAB.

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