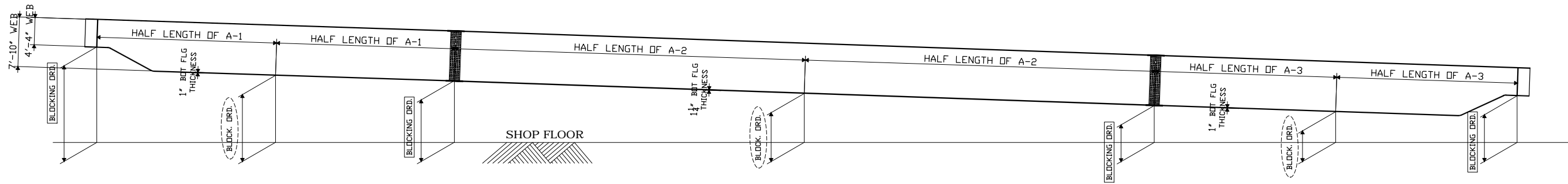


SHOP ASSEMBLY DIAGRAM

1015T3-27  
 LATERAL MEMBER SHIPPING MARK  
 SHIPPING MARK SUFFIX DENOTES NEW MEMBER MARK AFTER SHOP ASSEMBLY (WHERE APPLICABLE).



TYPICAL SECTION

SHOP NOTES

GIRDERS ARE TO BE SHOP ASSEMBLED IN THE CAMBERED POSITION WITH THE SPLICES BLOCKED TO THE DIMENSIONS SHOWN WITHOUT INDUCING STRESS INTO THE MEMBERS.  
 ALL DIMENSIONS ARE HORIZONTAL AND DO NOT REFLECT ANY CHANGE DUE TO GRADE.

XXX → DENOTES ELEVATIONS (BLOCKING ORDINATES) GIVEN FROM SHOP FLOOR TO THE BOTTOM OF BOTTOM FLANGE AT GIRDERS. AT FIELD SPLICES, THE ORDINATE IS GIVEN TO THE BOTTOM OF THICKER BOTTOM FLANGE.

XXX → DENOTES ELEVATIONS GIVEN FROM SHOP FLOOR TO THE BOTTOM OF BOTTOM FLANGE AT THE MIDPOINT OF THE GIRDER. THESE VALUES ARE THEORETICAL AND MAY VARY SLIGHTLY DEPENDING ON FINAL SHOP CAMBER (± FABRICATION TOLERANCE).

⊗ → DENOTES THE LOWEST ELEVATION POINT (1'-0") FOR THE ENTIRE ASSEMBLY.

PDC Sample DWG 509  
 BEXAR COUNTY, TX  
 HIRSCHFELD INDUSTRIES  
 WILLIAM BROTHERS CONST.  
**SHOP Assembly Diagram**  
 TXDOT 2016

Holes	SHOP FASTENERS	
SHOP PAINT		
SHOP INSPECTION		
GENERAL NOTES		
REVISIONS		
DATE	NO.	BY
	R1	

FED. ROAD DIV. NO.	STATE	FED AID PROJECT No.
6	TEXAS	NH 1502(274)
STATE DIST. NO.	COUNTY	CONTROL SECTION JOB HIGHWAY
SAT	BEXAR	0521 04 274 JH 410

ORDER NO. 15-13250H10  
 DETAILS OF SHOP ASSEMBLY DIAGRAM

PROJECT IH-410 237.04' STEEL PLATE GRD  
 SBML ENTRANCE RAMP FROM CULEBRA RD.

LOCATION BEXAR COUNTY, TEXAS  
 CUSTOMER WILLIAM BROTHERS CONSTRUCTION

**HIRSCHFELD INDUSTRIES**  
 BRIDGE  
 GREENSBORO, NC (336) 275-9711

MADE BY WS  
 CHECKED BY PDC/SB  
 SQUAD LEADER Precise Drafting  
 DATE 04/2016

SHEET HE1007