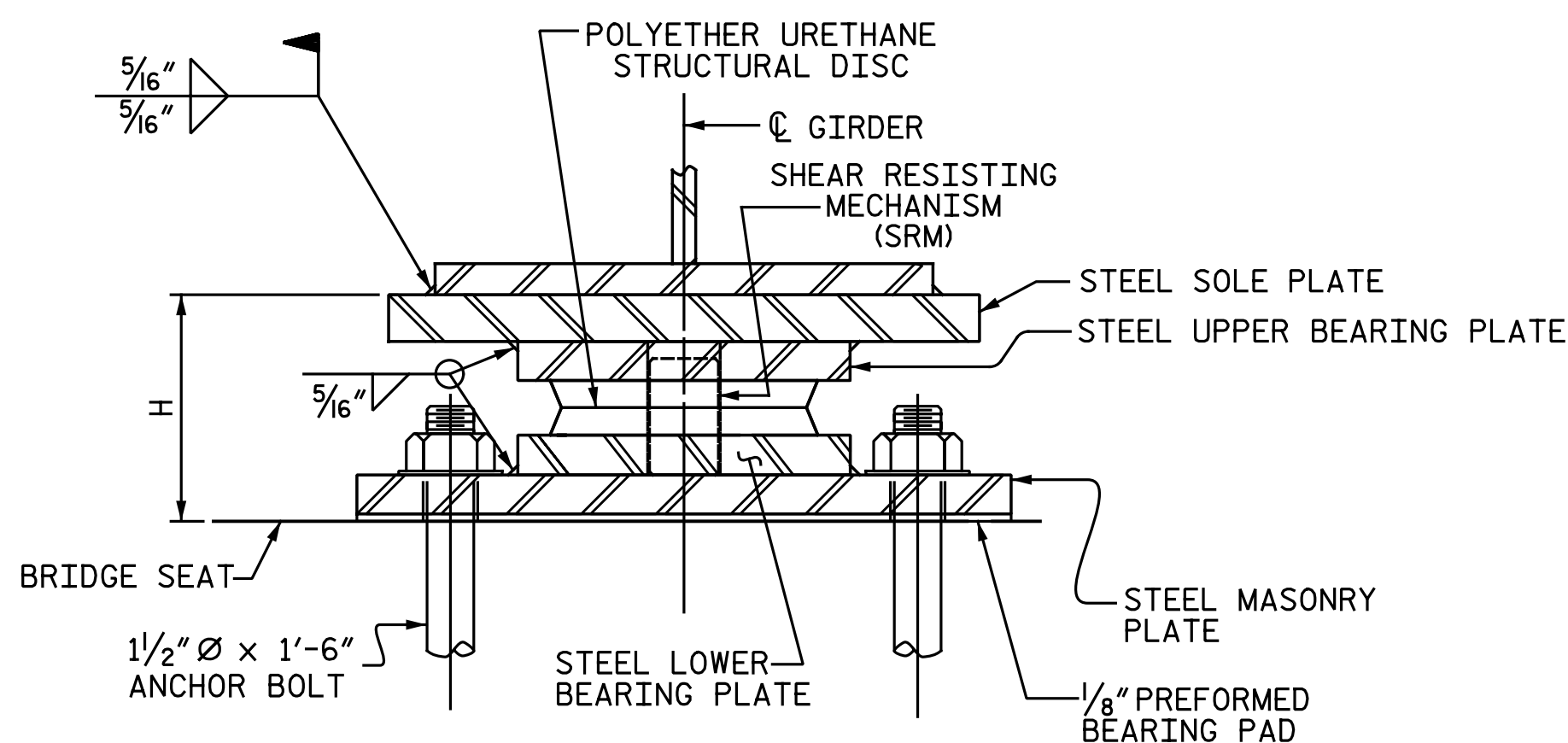
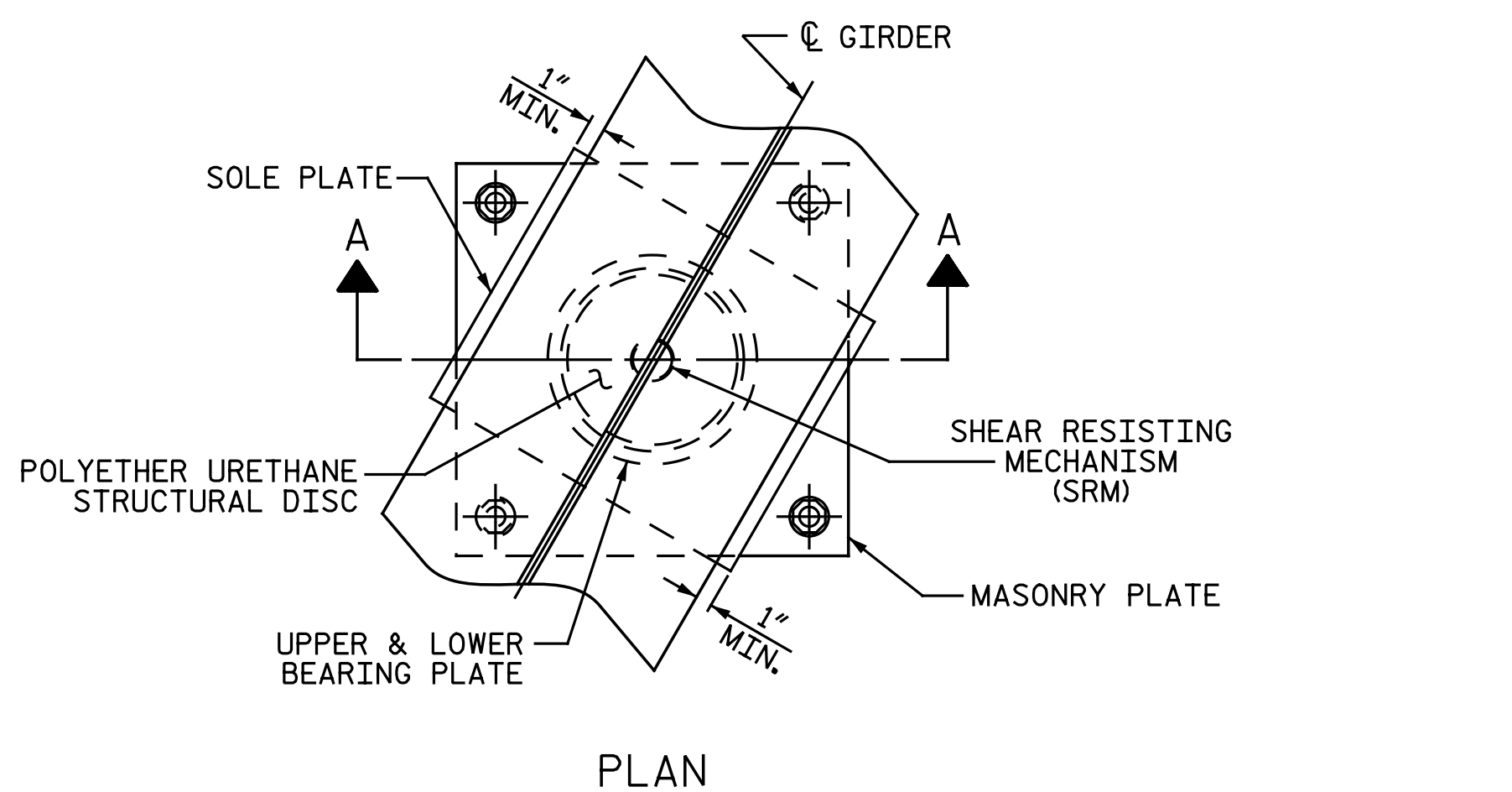
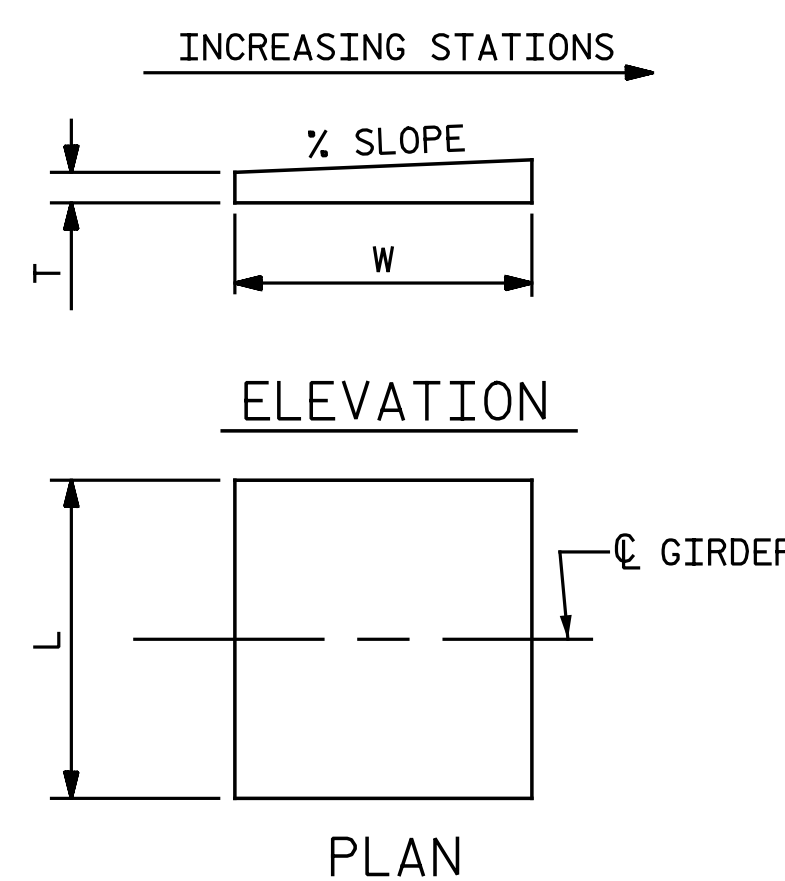


NOTES

- FOR DISC BEARINGS, SEE SPECIAL PROVISIONS.
- ALL BEARING PLATES SHALL BE AASHTO M270 GRADE 50W OR GRADE 50.
- AT ALL POINTS OF SUPPORT, NUTS FOR ANCHOR BOLTS SHALL BE FINGER-TIGHTENED PLUS AN ADDITIONAL 1/4 TURN. THE THREAD OF THE NUT AND BOLT SHALL THEN BE BURRED WITH A SHARP POINTED TOOL.
- WHEN WELDING THE SOLE PLATE TO THE GIRDER, USE TEMPERATURE INDICATING WAX PENS, OR OTHER SUITABLE MEANS, TO ENSURE THAT THE TEMPERATURE OF THE BEARING DOES NOT EXCEED 250°F. TEMPERATURES ABOVE THIS MAY DAMAGE THE TFE OR URETHANE DISC.
- SOLE PLATES SHOULD BE WELDED TO GIRDER FLANGES BEFORE FALSEWORK IS PLACED.
- ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.
- FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.
- THE MINIMUM ROTATIONAL CAPACITY FOR ALL BEARINGS SHALL BE 0.02 RADIAN.

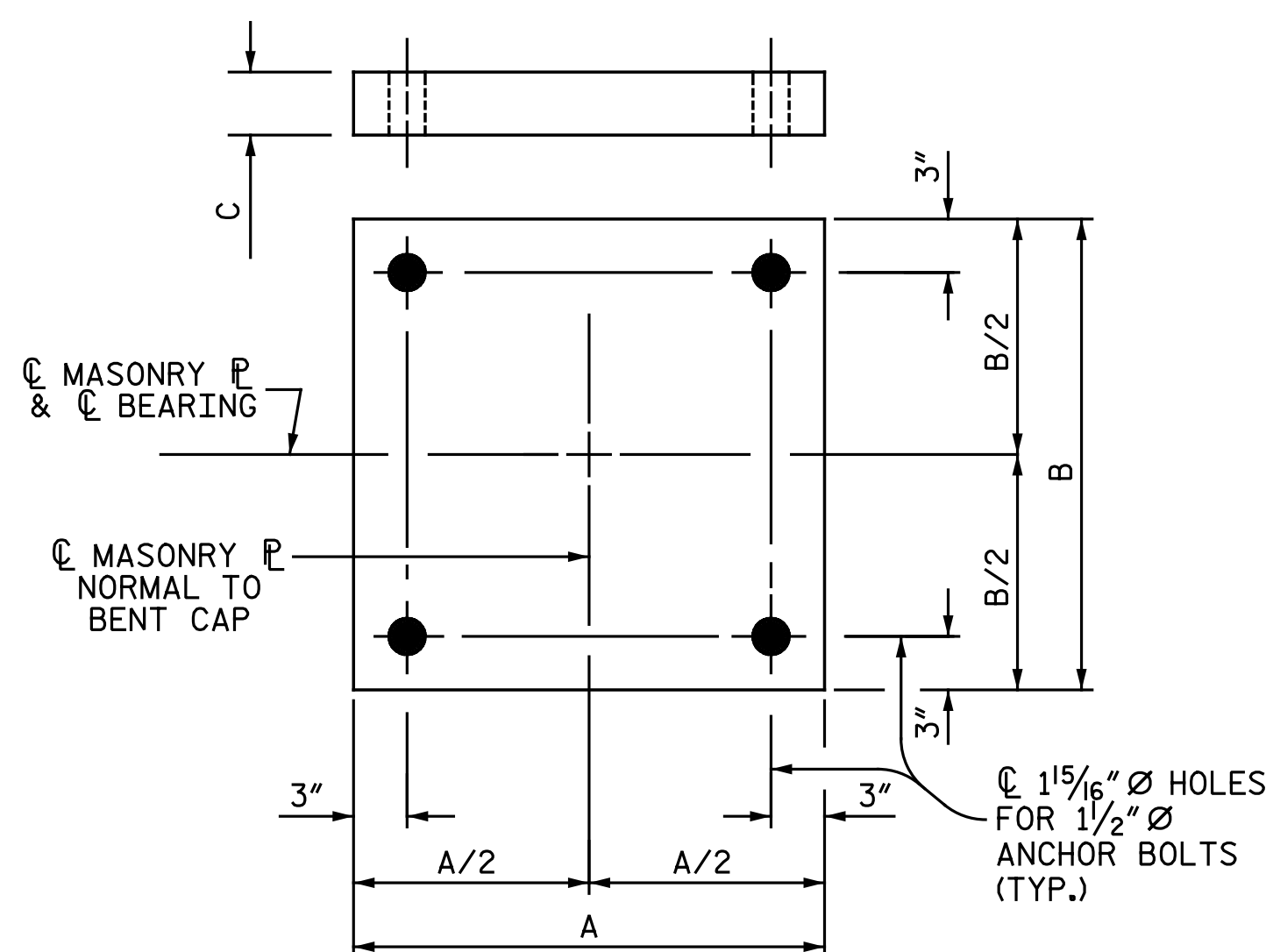


SECTION A-A  
DB1, FIXED



NOTE:  
DIMENSIONS "W" AND "T" SHALL BE DETERMINED BY THE BEARING MANUFACTURER.

SOLE PLATE DETAILS



PLAN  
MASONRY PLATE DETAILS

PROJECT NO. U-3330  
NASH COUNTY  
STATION: 18+22.61 -Y1-

ASSEMBLED BY : N. B. SPEAKS	DATE : 7-05-16
CHECKED BY : T. M. GARRISON	DATE : 8-29-16
DRAWN BY : TMG 08/13	REV. REV.
CHECKED BY : EKP 10/13	REV. REV.

DESIGNATIONS	LOCATION	NUMBER OF BEARINGS	DIMENSIONS				LOADS AND MOVEMENT							
			BEARING H (IN.)	MASONRY PLATE			SOLE PLATE		UNFACTORED VERTICAL LOAD (KIPS)		FACTORED HORIZONTAL LOAD (KIPS)	ONE-WAY MOVEMENT (IN.)		
				A (IN.)	B (IN.)	C (IN.)	TOP SLOPE (%)	L (IN.)	DC	DW			LIVE LL+IM	
DB1 (FIXED)	M1	BENT 1	4	5 1/2	22 1/2	22 1/2	3/4	0	20	265	11	170	91	0

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH STANDARD DISC BEARING DETAILS LEFT LANES																		
	DocuSigned by: Bradley J. Bell CA1A3F8E3A30434... 1/27/2017		Michael Baker Engineering 8000 Regency Parkway, Suite 600 Cary, North Carolina 27518 NC License No.: F-1084																		
	<b>Michael Baker INTERNATIONAL</b>		REVISIONS <table border="1"> <tr> <th>NO.</th> <th>BY:</th> <th>DATE:</th> <th>NO.</th> <th>BY:</th> <th>DATE:</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> </tr> </table>		NO.	BY:	DATE:	NO.	BY:	DATE:	1			3			2			4	
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