

STATE	FEDERAL PROJECT NO.	SHEET	TOTAL SHEETS
N. J.			

STRUCTURE NO.	STRUCTURE NAME

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STRUCTURE NO.	STRUCTURE NAME
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GENERAL NOTES:

1. SEISMIC ISOLATION BEARINGS SHALL BE DESIGNED IN CONFORMANCE WITH THE AASHTO GUIDE SPECIFICATIONS FOR SEISMIC ISOLATION DESIGN 1999 WITH INTERIMS, (THE "GUIDE SPECIFICATIONS"), THE N.J. STANDARD SPECIFICATIONS, ITS SPECIAL PROVISIONS AND N.JDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES SHALL BE USED TO COMPLEMENT THE GUIDE SPECIFICATIONS WHERE SPECIFIC DETAILS ARE ABSENT. IN THE EVENT OF A CONFLICT AMONG SPECIFICATIONS, THE DETAILS OF THE PROJECT SPECIAL PROVISIONS AND THE GUIDE SPECIFICATIONS SHALL GOVERN.
2. EXCEPT AS NOTED ALL STEEL PLATES SHALL CONFORM TO AASHTO M270 GR. 50.
3. ALL STEEL PLATES SHALL CONFORM TO THE FLATNESS REQUIREMENTS OF SECTION 18 OF THE AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS.
4. ANCHOR RODS SHALL CONFORM TO ASTM A449, THE HEX NUTS SHALL CONFORM TO ASTM A563, THE FLAT WASHERS SHALL CONFORM TO ASTM F436, THE BOLTS, NUTS AND WASHERS SHALL BE HOT-DIP GALVANIZED PER ASTM A153 (AASHTO M222).
5. ANCHOR ROD PLATE WASHERS SHALL CONFORM TO AASHTO M270 GR. 36 OR 50, AND SHALL BE GALVANIZED PER ASTM A123.
6. ELASTOMER SHALL BE NATURAL RUBBER, GRADE 3, PER THE N.JDOT STANDARD SPECIFICATIONS AND THE DESIGN REQUIREMENTS.
7. PTFE, IF USED, IS TO BE VIRGIN, AND ETCHED ON ONE SIDE FOR BONDING INTO MACHINED RECESS. THE MAXIMUM COEFFICIENT OF FRICTION SHALL NOT EXCEED THE DESIGN VALUE.
8. THE STAINLESS STEEL, IF USED, SHEET SHALL CONFORM TO ASTM A240, TYPE 304, WITH A NO. 8 MIRROR FINISH, MINIMUM THICKNESS SHALL BE 16 GA., BUT SHALL BE THICK ENOUGH TO ACHIEVE A FINISHED FLATNESS OF 0.001 X NOMINAL.
9. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH ANSI/AASHTO/ AWS D1.5 BRIDGE WELDING CODE EXCEPT WELDING OF STAINLESS STEEL SHALL CONFORM TO D1.6 STAINLESS STEEL SHALL BE SEAL WELDED BY EITHER FUSION OR ROD WELDING (GRAW) AT THE MANUFACTURERS OPTION. IN EITHER CASE, NO WELD MATERIAL SHALL PROTRUDE ABOVE THE PLANE OF THE STAINLESS STEEL.
10. ORIENTATION, SERIAL NUMBER, MANUFACTURER AND DATE OF FABRICATION SHALL BE MARKED ON EACH INDIVIDUAL BEARING AND ALSO ON THE SHOP DRAWINGS.
11. ISOLATION BEARINGS SHALL BE PROTECTED FROM DAMAGE AS WELL AS FROM AIRBORN DEBRIS AND CONTAMINANTS AT ALL TIMES PRIOR TO INSTALLATION.
12. COMPLETED BEARINGS SHALL BE PACKAGED APPROPRIATELY FOR SHIPPING AND HANDLING AND SHALL BE STORED BY THE CONTRACTOR IN A MANNER TO AVOID DAMAGE.
13. AT NO TIME MAY ANY BEARING BE DISASSEMBLED WITHOUT AUTHORIZATION FROM THE BEARING MANUFACTURER.
14. ALL MILL SCALE TO BE REMOVED FROM BEARING PLATES VIA SANDBLASTING (SSPC-SP6)
15. EXTERNAL STEEL PLATES SHALL BE COATED PER CONTRACT DOCUMENTS.
16. CONTRACTOR IS TO ADJUST BEARING SEAT ELEVATIONS TO ACCOMMODATE FINISHED BEARING HEIGHT.
17. THE ISOLATION BEARING MANUFACTURER SHALL POSSESS A CURRENT VALID CERTIFICATION OF AISC SIMPLE STEEL BRIDGE STRUCTURES (SBR) OR MAJOR STEEL BRIDGE (C8R). PREPARATION FOR PAINT STORAGE, AND APPLICATION OF PAINT SHALL BE PERFORMED BY A SHOP CERTIFIED UNDER THE APPROPRIATE AISC SOPHISTICATED PAINT ENDORSEMENT (P1, P2 OR P3).

- NOTE: ALL DIMENSIONS SHOWN ON THIS SHEET ARE
IN INCHES

- STANDARD DRAWING PLATE 2.2-3

- NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

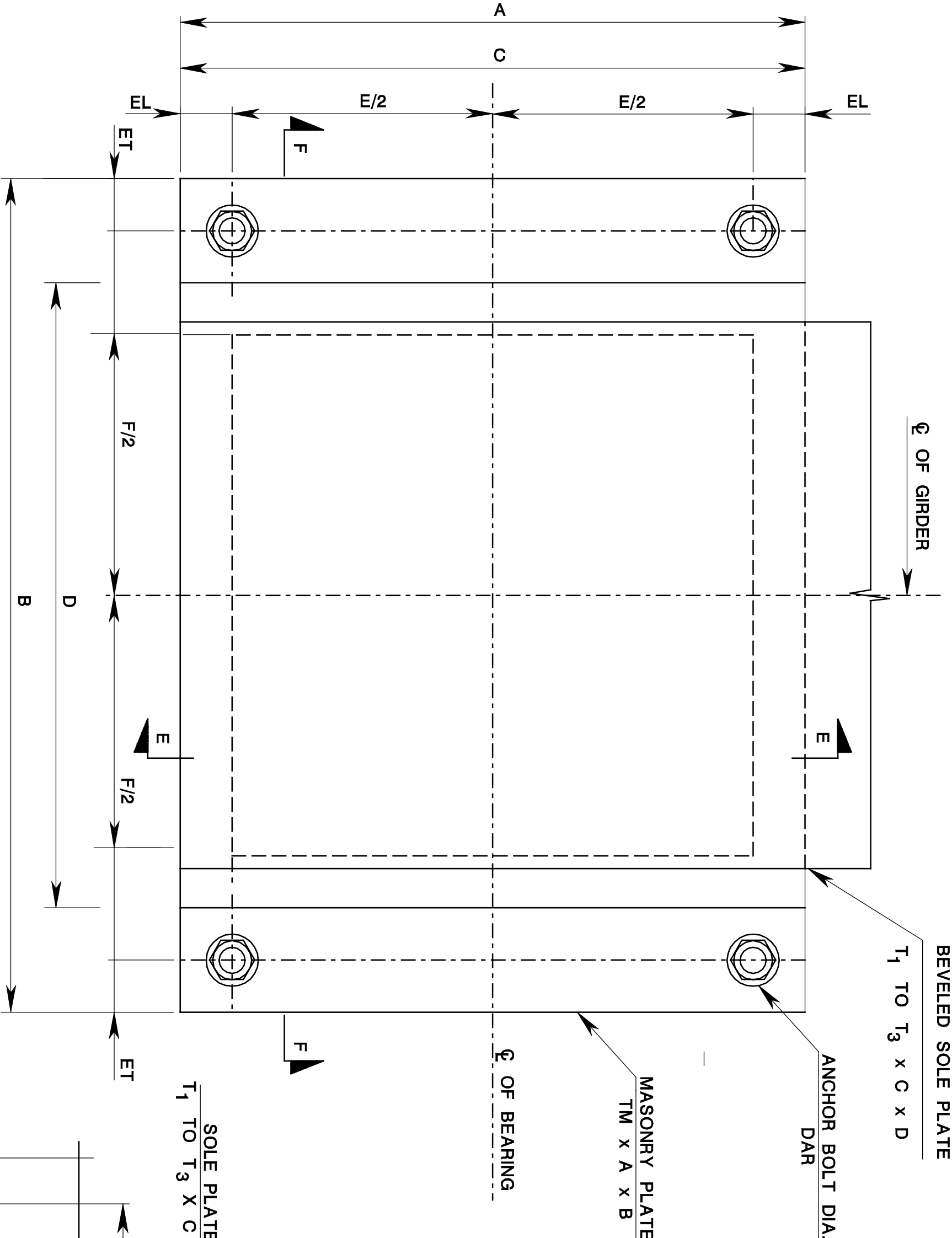
- ## SEISMIC ISOLATION BEARING

- ROUTE : SECTION :

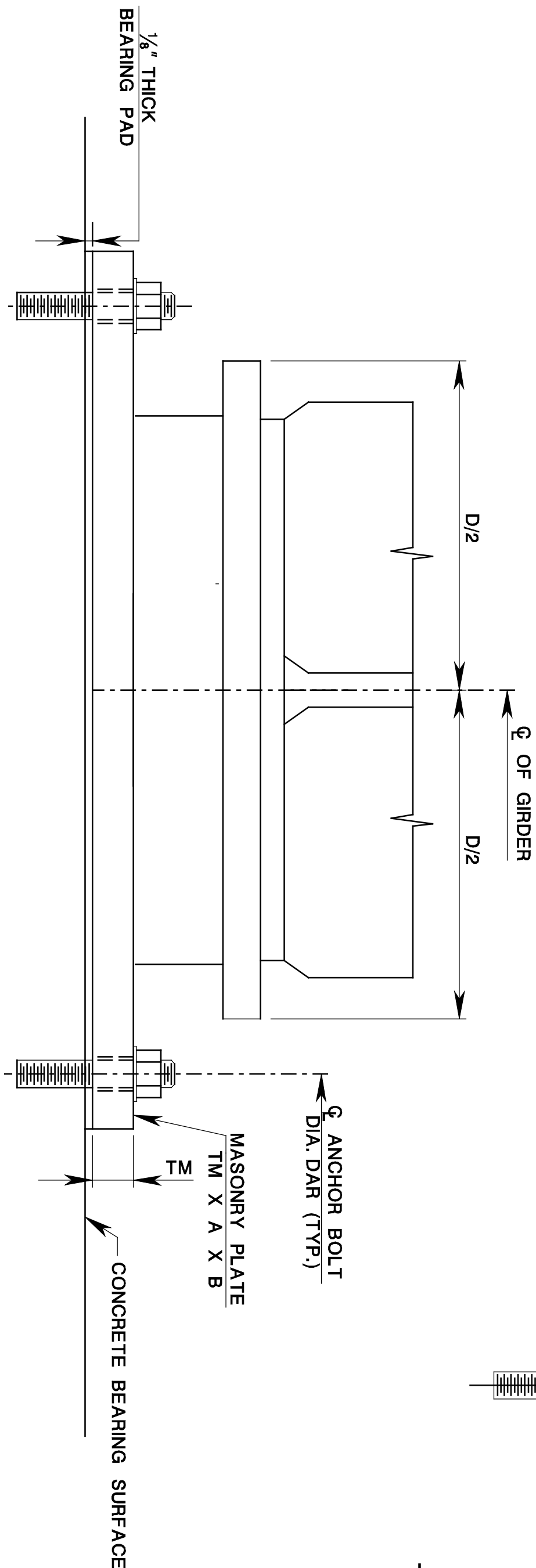
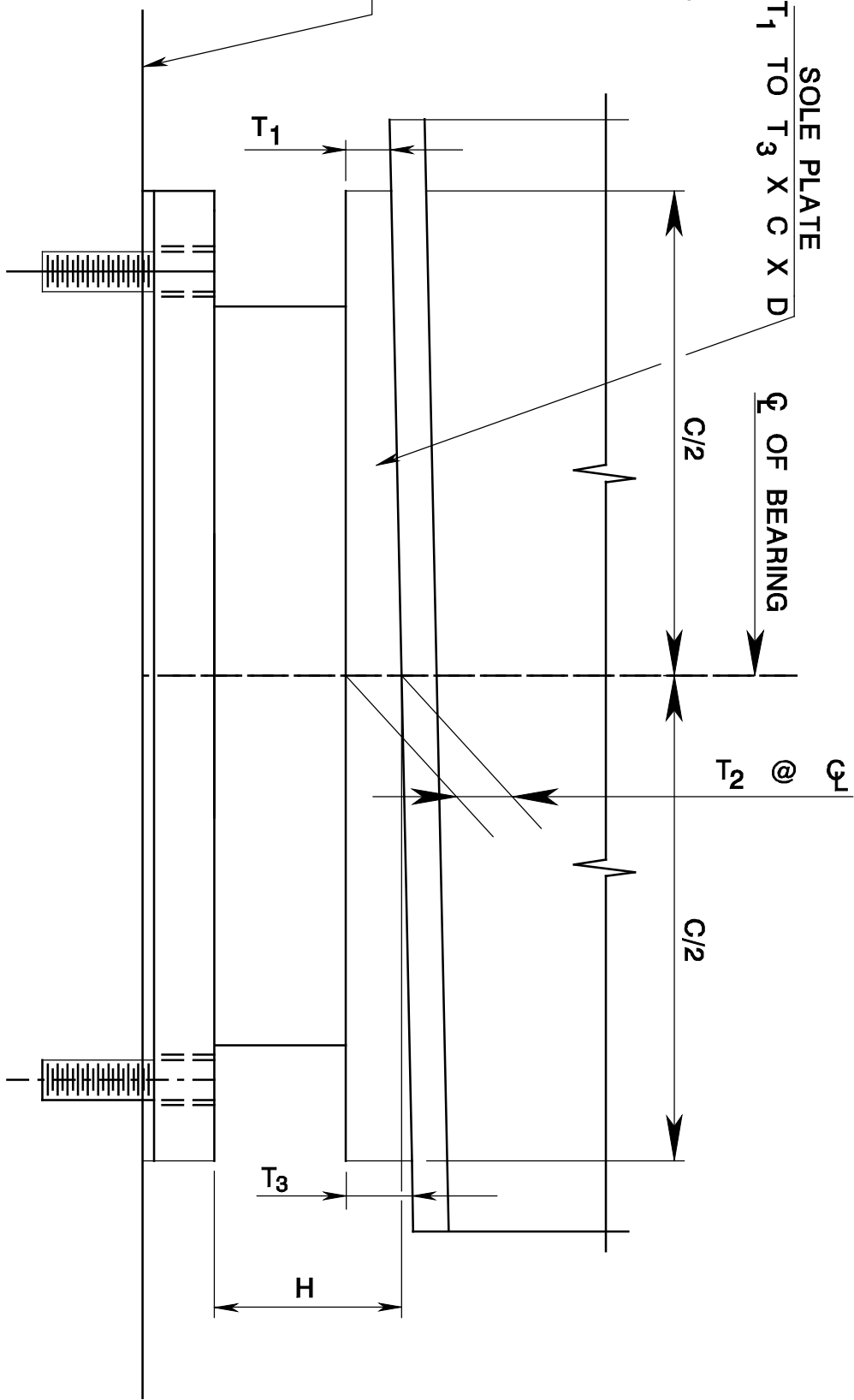
- | MUNICIPALITY | | COUNTY |
|--------------|--|--------|
|--------------|--|--------|

- SCALE : NONE

- SHEET NO. 5




NOTE:
FOR CLARITY, INTERNAL DETAILS OF BEARINGS ARE NOT SHOWN

[illegible]

CONTROL SECTION		JOB NO.	
DIES.		CHK.	
BY		BY	
DWN.			
BY			
EST.		CHK.	
BY		BY	
SPECS.			
BY			

IN CHARGE OF _____

	
STANDARD DRAWING PLATE 2.2-3	
NEW JERSEY DEPARTMENT OF TRANSPORTATION BUREAU OF STRUCTURAL ENGINEERING	
SEISMIC ISOLATION BEARING	
ROUTE : _____	
SECTION : _____	
MUNICIPALITY _____	COUNTY _____
SCALE : _____ NONE _____	
BRIDGE SHEET NO. _____ OF _____	
