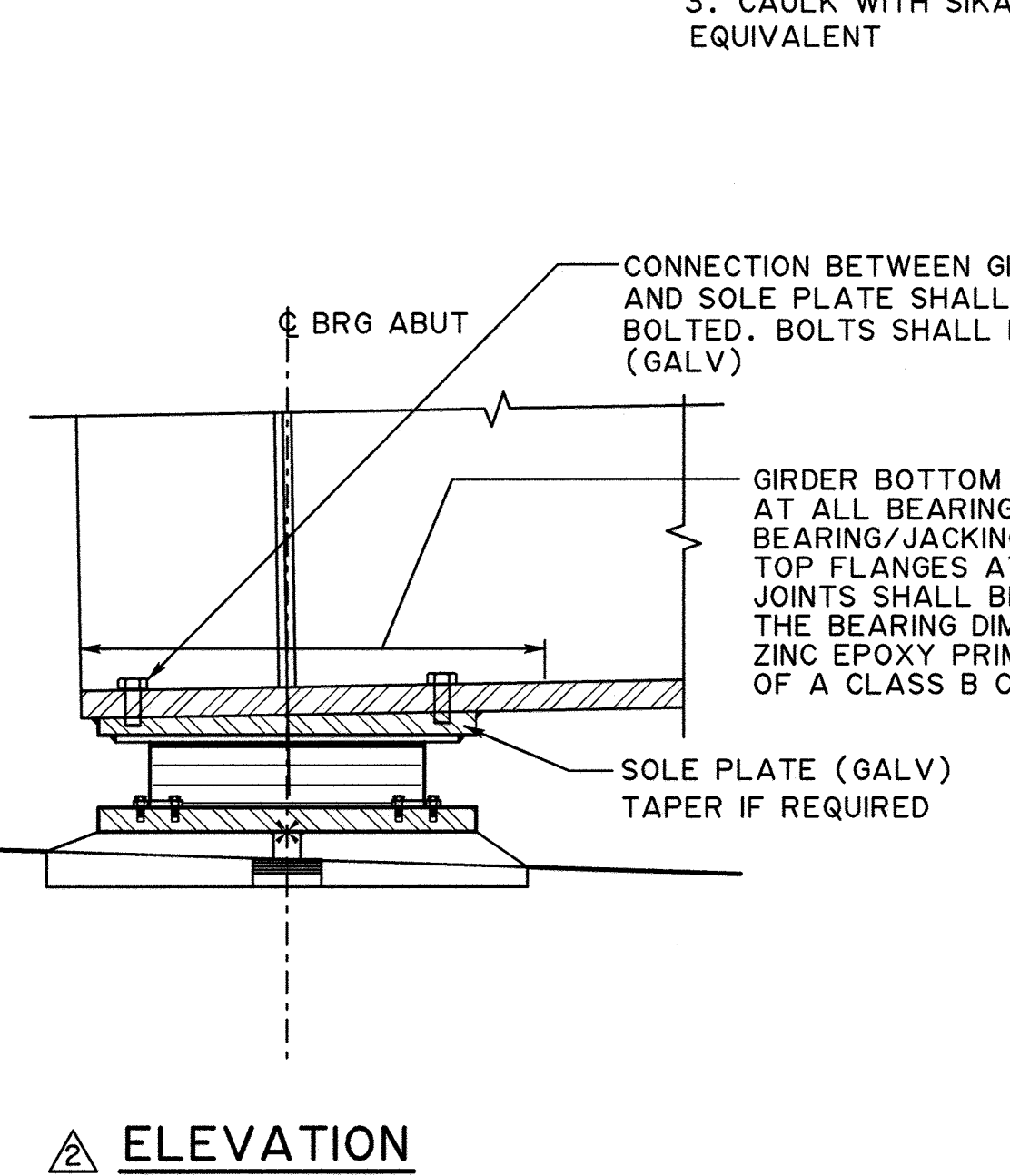
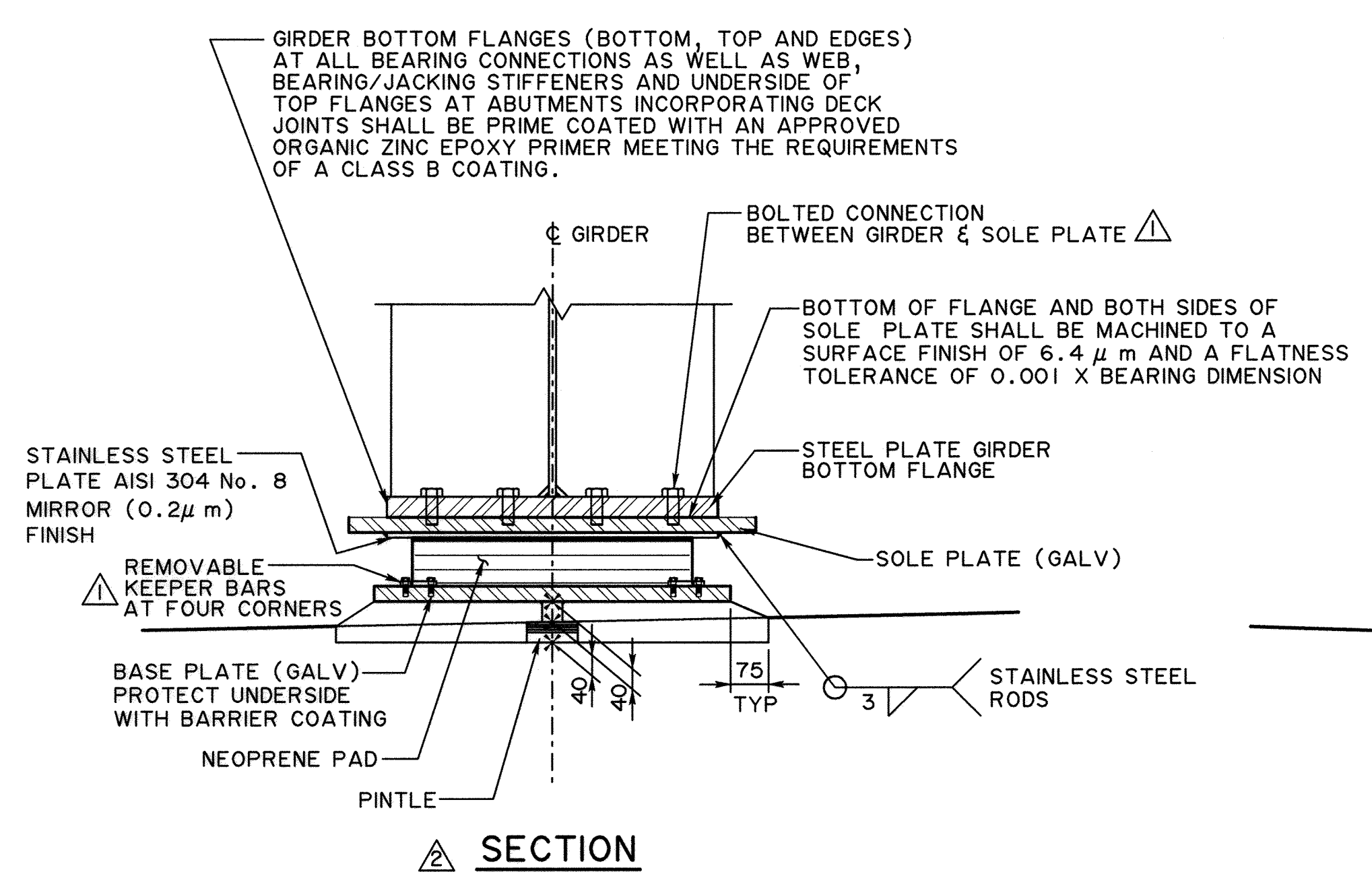


TYPICAL ABUTMENT

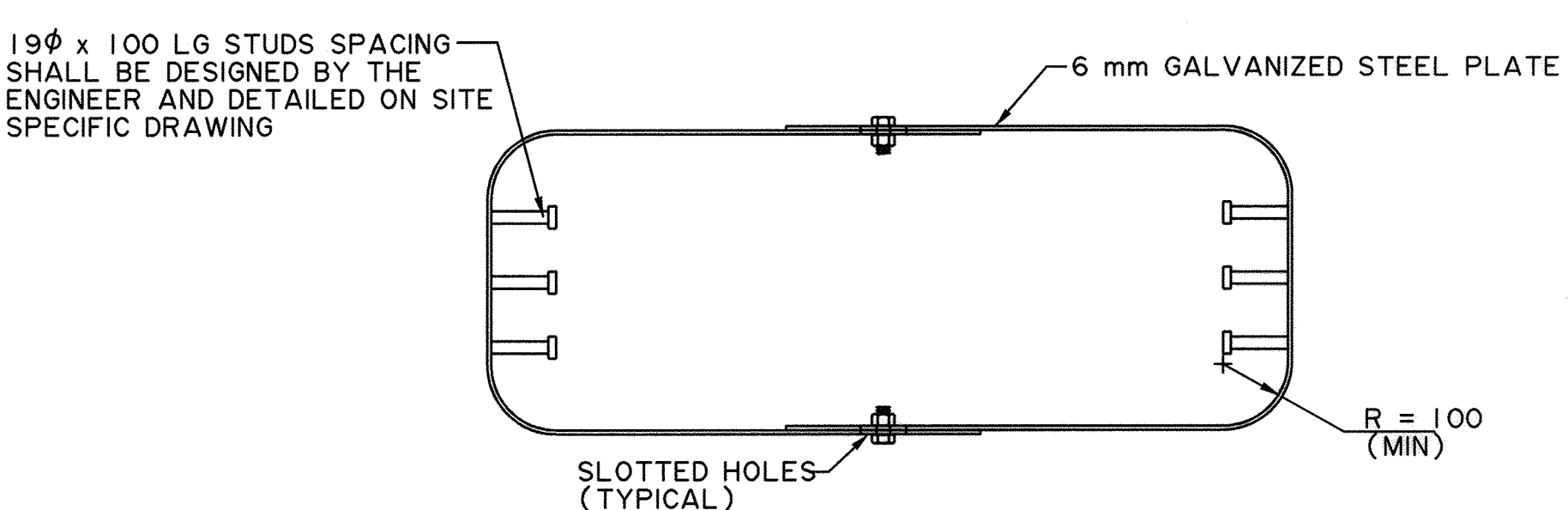
'x' IS POSITIVE WHEN MEASURED FROM \bar{C} BASE PLATE TOWARD GIRDER END

Δ ACCOUNTS FOR ALL CREEP, SHRINKAGE AND RELAXATION THAT OCCURS WITH NU GIRDERS AFTER BEARINGS ARE SET AND GROUTED

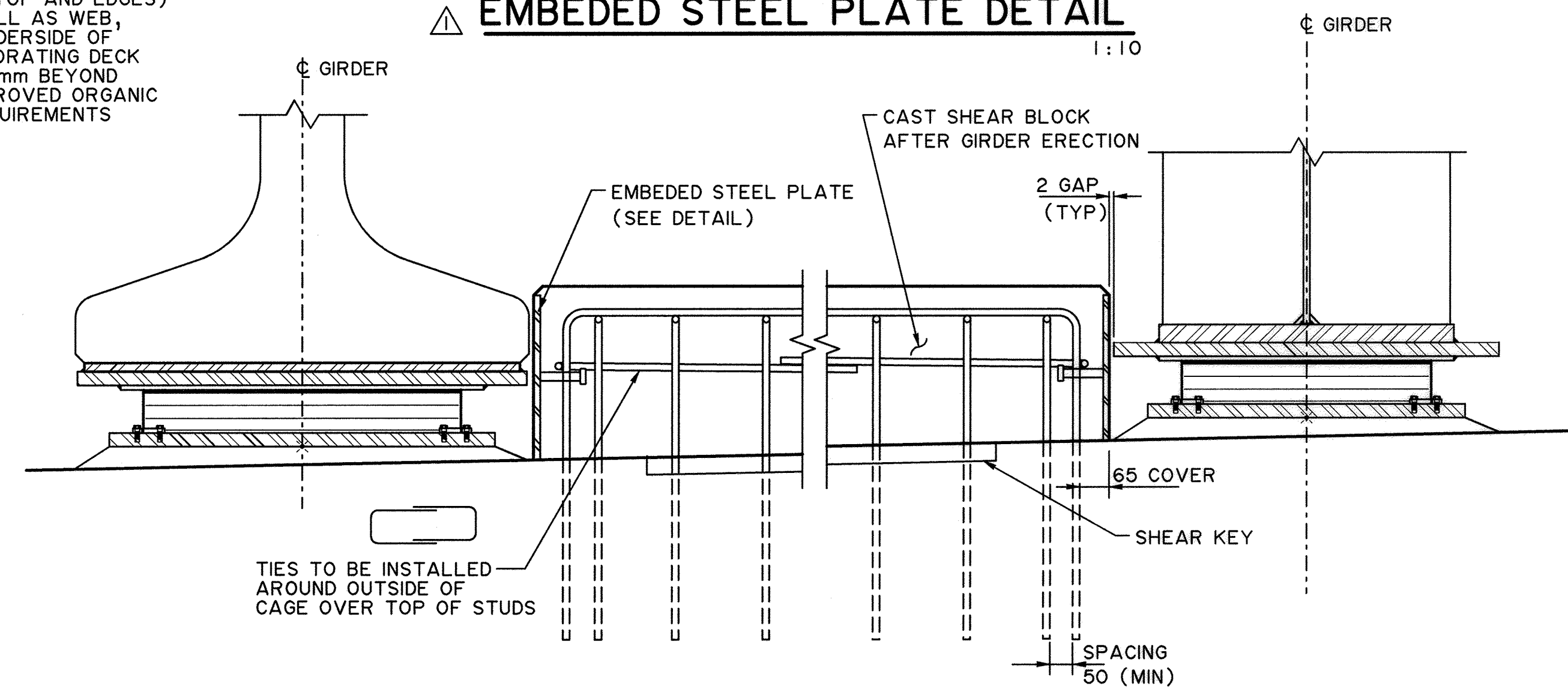
NU CONCRETE GIRDER EXPANSION BEARING DETAILS



NOTE:
FOR GALVANIZED PLATES, TRANSVERSE JOINTS BETWEEN SOLE PLATE AND SHOE PLATE TO BE PREPARED AS FOLLOWS:
1. SOLVENT WIPE (XYLENE) ON FOLLOWED BY A WIPE OFF WITH CLEAN DRY RAG
2. APPLY SIKAFLEX PRIMER 205 OR APPROVED EQUIVALENT
3. CAULK WITH SIKAFLEX 1A OR APPROVED EQUIVALENT

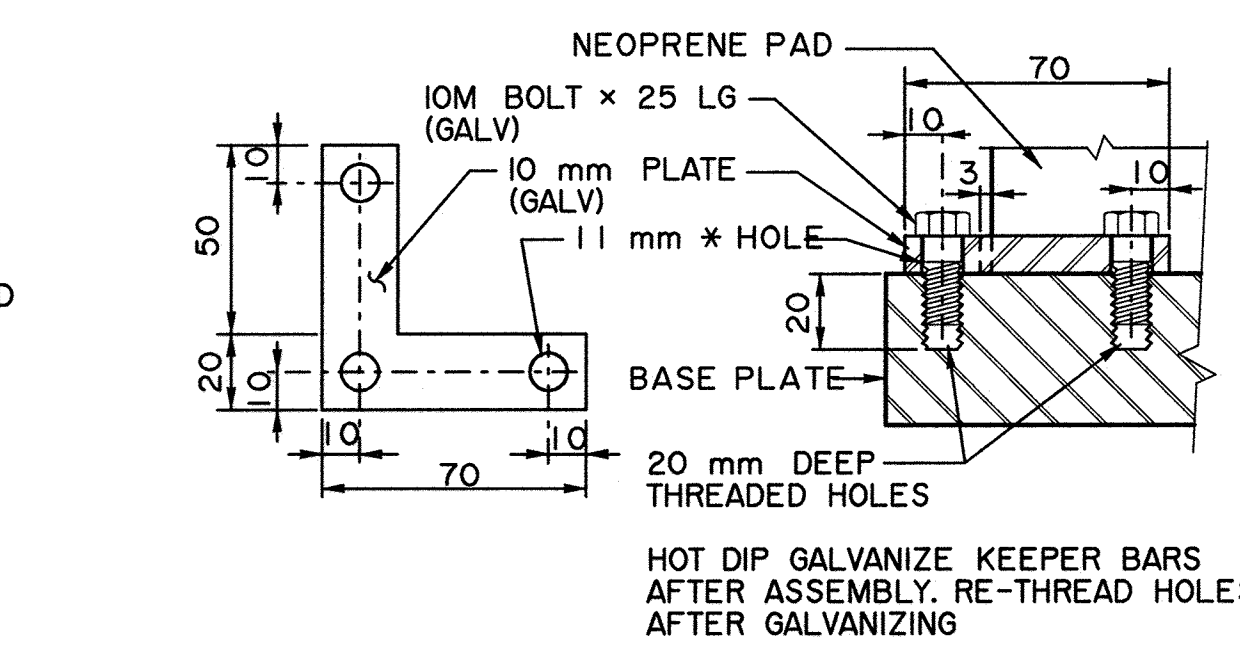
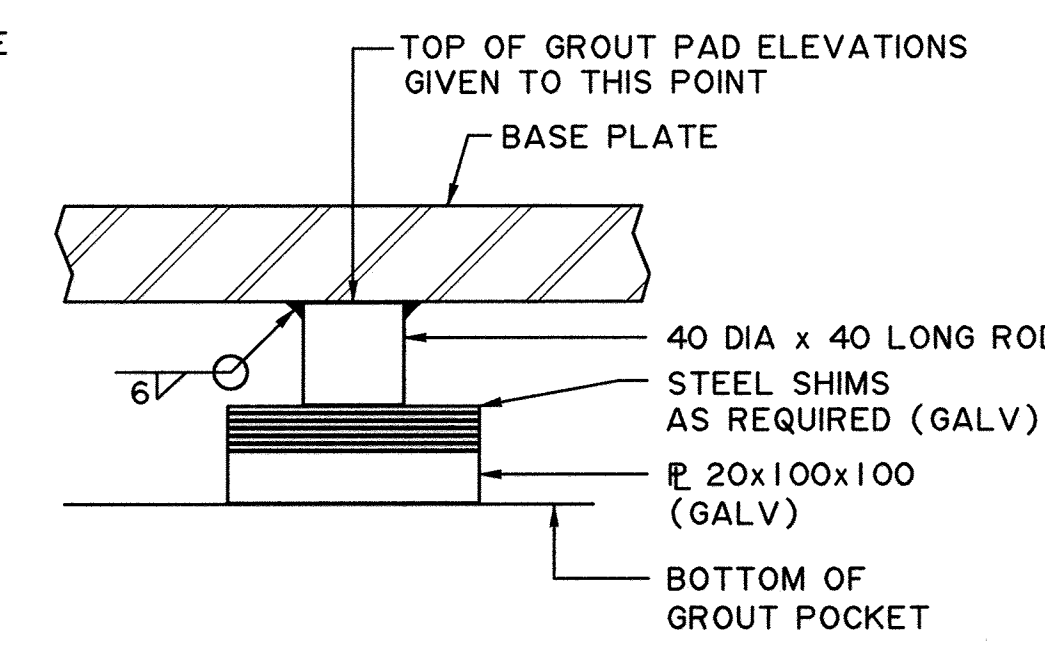
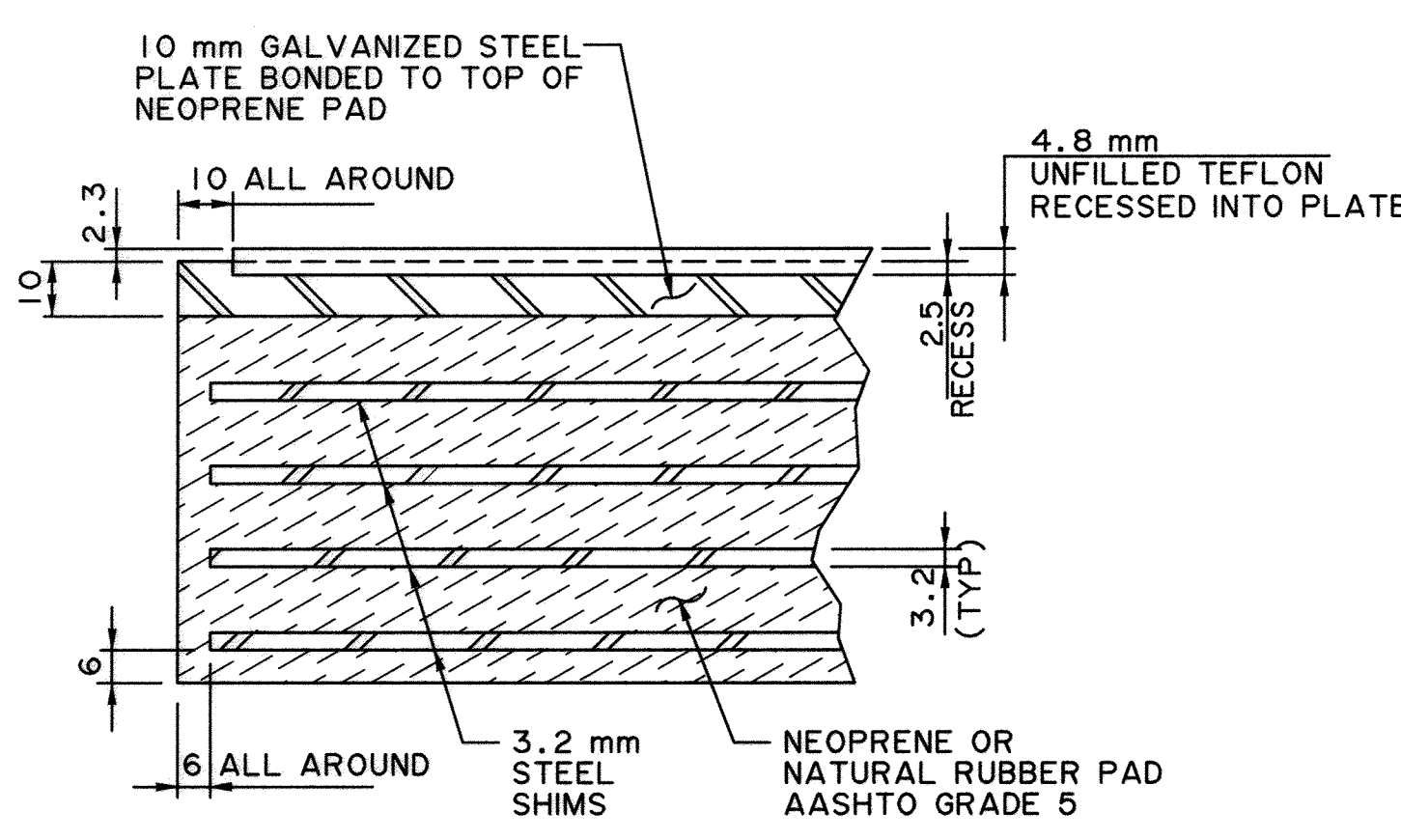


EMBEDDED STEEL PLATE DETAIL



CONCRETE KEEPER BLOCK DETAILS

DETAILS SHOWN ARE CONCEPTUAL AND REPRESENT DEPARTMENT PRACTICES AS REFERENCED IN THE BRIDGE STRUCTURES DESIGN CRITERIA. FULL RESPONSIBILITY FOR DESIGN OF DETAILS REMAINS WITH THE CONSULTANT.



NEOPRENE PAD DETAIL

PINTLE DETAIL

REMOVABLE KEEPER BARS

NOT FOR CONSTRUCTION

REV	DATE	REVISIONS	BY	DATE
2012-06-28		STEEL GIRDER TO SOLE PLATE CONNECTION DETAILS	CM	
2012-01-18		NEOPRENE PAD, KEEPER BARS AND EMBEDDED STEEL PLATE	MS	

RECOMMENDED DIRECTOR BRIDGE ENGINEERING

APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH

Alberta Transportation

TYPICAL EXPANSION BEARING DETAILS

DEPARTMENT BAR CODE	DATE	SHEET	DRAWING
	2009-01-23	5 of 5	S-1761-08

NH 2012-01-18 s-1761-08 rev1.dgn