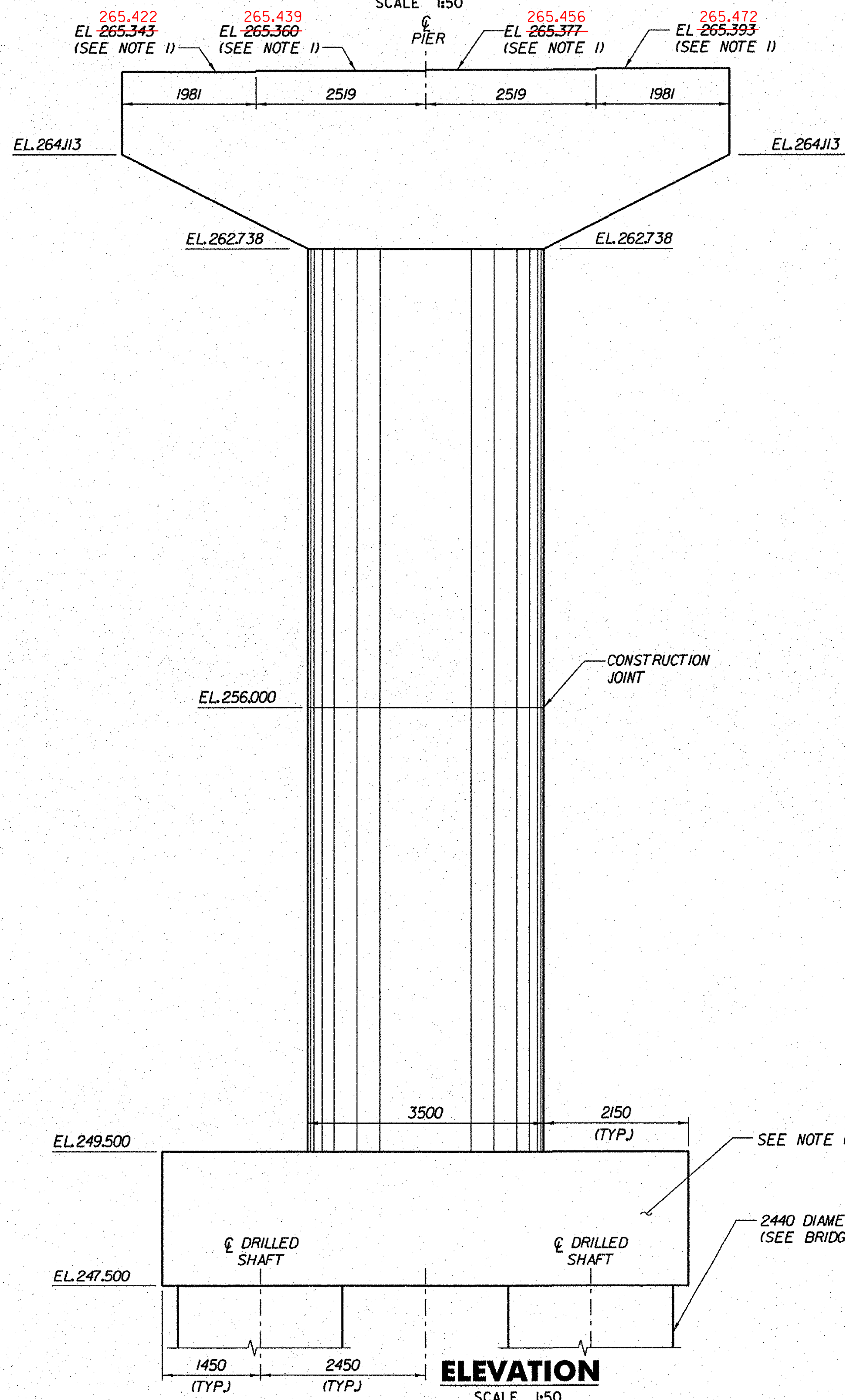


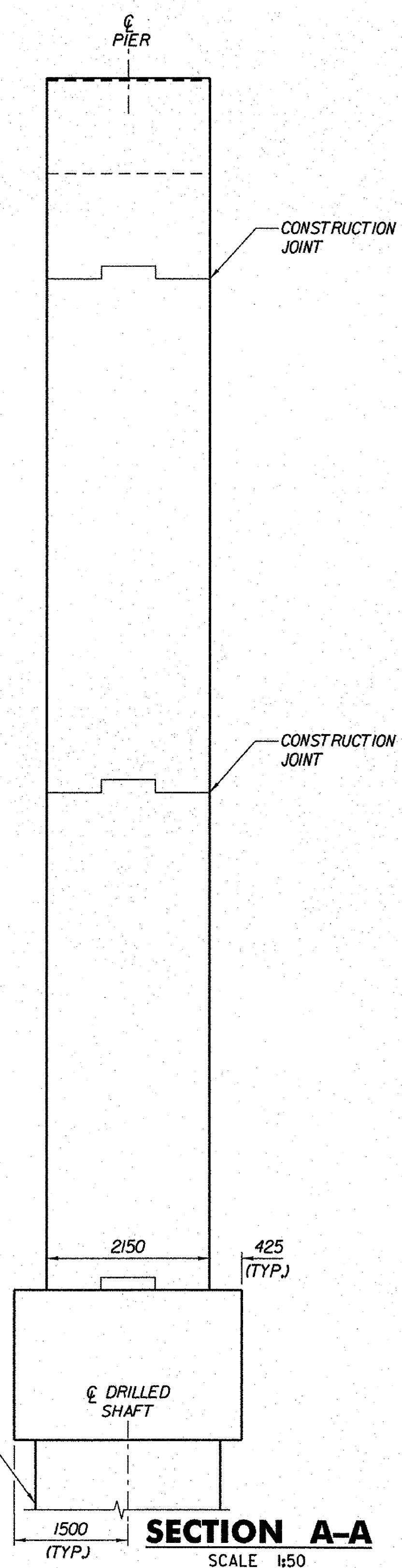
PIER 2 PLAN

SCALE 1:50



ELEVATION

SCALE 1:50

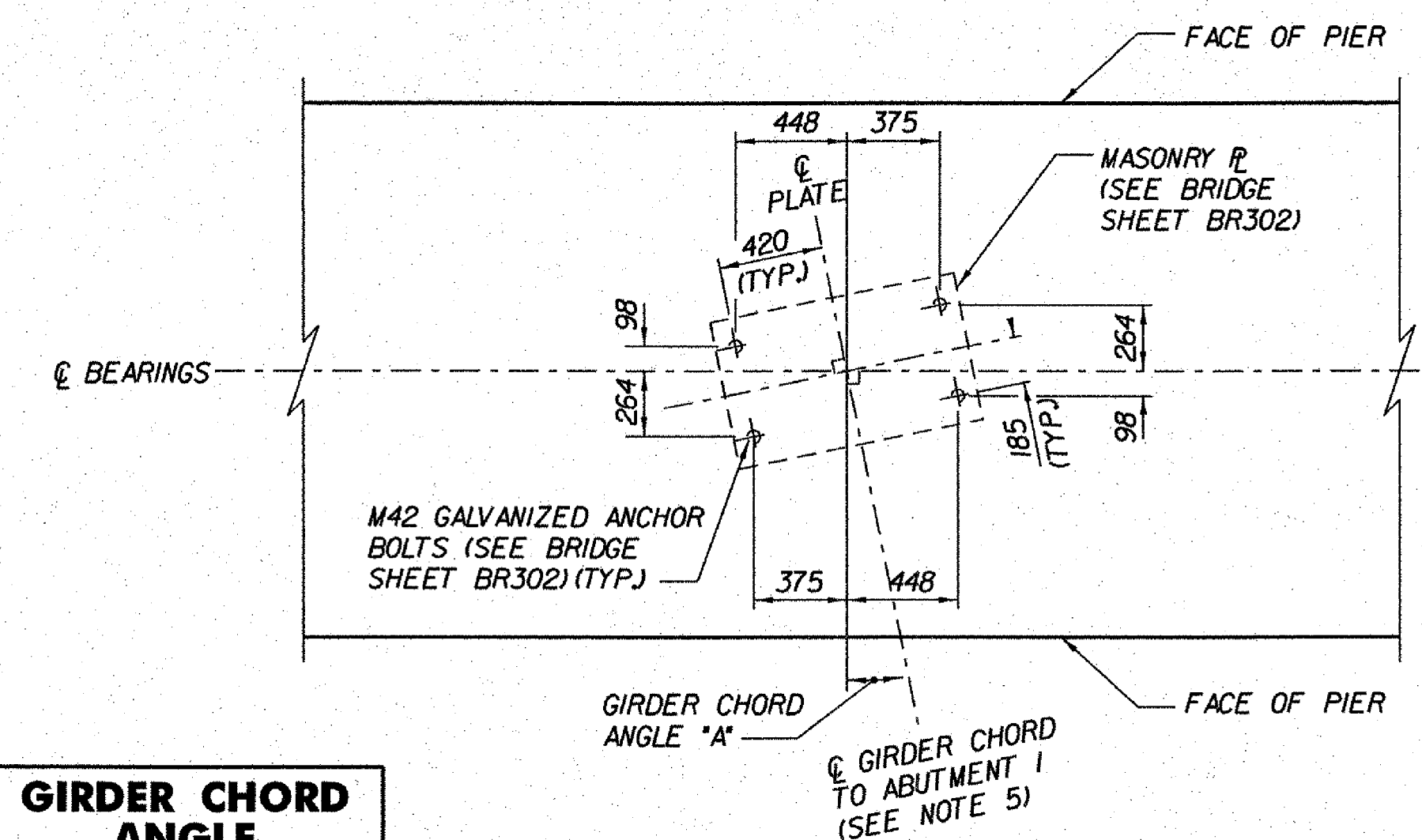


SECTION A-A

SCALE 1:50

NOTES:

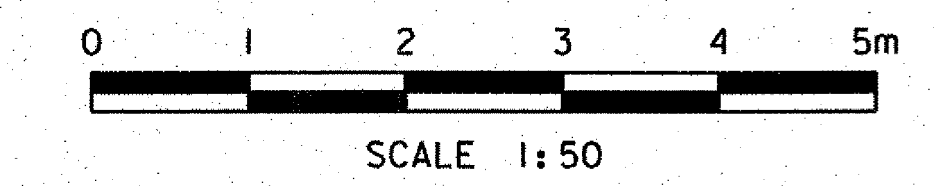
- PIER CAP ELEVATIONS MAY HAVE TO BE ADJUSTED TO ACCOMMODATE THE ACTUAL BEARINGS FURNISHED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ANY CHANGES IN THE BEARINGS WHICH MAY AFFECT THE PIER CAP ELEVATIONS OR DIMENSIONS.
- FOR DIMENSIONS USED FOR DETERMINING THE THEORETICAL PIER CAP ELEVATIONS, SEE PIER EXPANSION BEARING DETAILS, BRIDGE SHEET BR302.
- LONGITUDINAL AND TRANSVERSE PIER CAP REINFORCING SPACING SHALL BE MODIFIED AS NECESSARY TO ASSURE THAT THERE WILL BE NO CONFLICT WITH THE BEARING DEVICE ANCHOR BOLTS.
- FOR THE TYPICAL CONCRETE CONSTRUCTION JOINT DETAILS, SEE TYPICAL BRIDGE DETAILS, BRIDGE SHEET BR305.
- *GIRDER CHORD* IS DEFINED ALONG THE DIRECTION OF EXPANSION BETWEEN THE CENTERLINE OF BEARING AT ABUTMENT 1 AND THE CENTERLINE OF BEARING AT THE PIER, AS SHOWN ON BRIDGE SHEET BR304, BEARING ALIGNMENT DIAGRAMS. THE CENTERLINE OF THE MASONRY PLATE SHALL BE INSTALLED ALONG THE GIRDER CHORD.
- THE PILE CAP SHALL BE CONSTRUCTED USING A MODIFIED HIGH PERFORMANCE CLASS B CONCRETE MIX. THE MODIFIED CONCRETE MIX PROPERTIES SHALL BE AS SPECIFIED IN ITEM 900.608, *SPECIAL PROVISION (HIGH PERFORMANCE CONCRETE, MASS POUR)*.



ANCHOR BOLT LAYOUT

NOT TO SCALE

GIRDER CHORD ANGLE	
LOCATION	"A"
G1	11°24'02"
G2	11°22'47"
G3	11°21'33"
G4	11°20'19"



SCALE 1:50

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BI5N
Highway No.	VT RTE 279	Log Sta.	
		Surv. Sta.	
VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLOOMSAC RIVER			
PIER 2 MASONRY (RAMP D)			
Designed By	M.D. BOWER	Drawn By	D.W. SHAFFER
Checked By	B.J. CARLSON	Date	05/08
		Bridge Design Supervisor	K.M. WOJTKOWSKI
		Date	05/08
PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-1(51)
TVGA CAD Drawing No.	RmpDP2Conc.dgn	Date	02/02/2009
Bridge Sheet No.	BR296	Sheet	283 of 367

