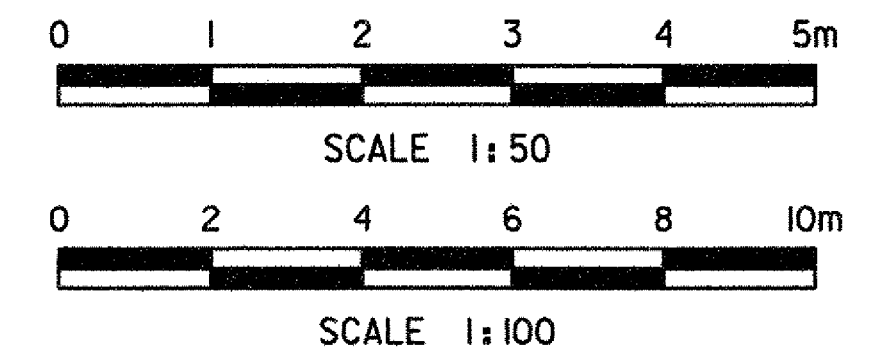


NOTES:

- 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 FIXED BEARING DETAILS, BRIDGE SHEET BR523.
- 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 BR512.
- SURVEY TARGETS SHALL BE ATTACHED TO THE PIER CAP AS SHOWN OR AS DIRECTED BY THE RESIDENT ENGINEER. THE TARGETS ARE INTENDED FOR SETTLEMENT MONITORING AND SHALL BE AS SPECIFIED UNDER ITEM 900.620 OF THE SPECIAL PROVISIONS. THE SURVEY TARGETS SHALL REMAIN ATTACHED TO THE PIER AS A PERMANENT INSTALLATION.
- THE FOOTING 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)."
- MODIFIED SETTLEMENT PLATFORMS SHALL BE INSTALLED ON THE CORNERS OF THE PIER FOOTING. FOR THE DETAILS OF THE MODIFIED SETTLEMENT PLATFORM, SEE TYPICAL BRIDGE DETAILS, BRIDGE SHEET BR512.



**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BI2
Highway No.	VT RTE 279	Log Sta.	
		Surv. Sta.	
VT ROUTE 279 OVER FURNACE BROOK			
PIER MASONRY			
Designed By	M.D. BOWER	Drawn By	D.J. HENDERSON
Checked By	Date	Bridge Design Supervisor	
J.T. DEPLANCHE	04/07	K.M. WOJTKOWSKI	Date 04/07
PROJECT	BENNINGTON	PROJECT NO.	AC NH FO19-1(53)
TVGA CAD Drawing No.	FBPier1Conc.dgn	Date	04/12/2007
Bridge Sheet No.	BR537	Sheet	229 of 577

