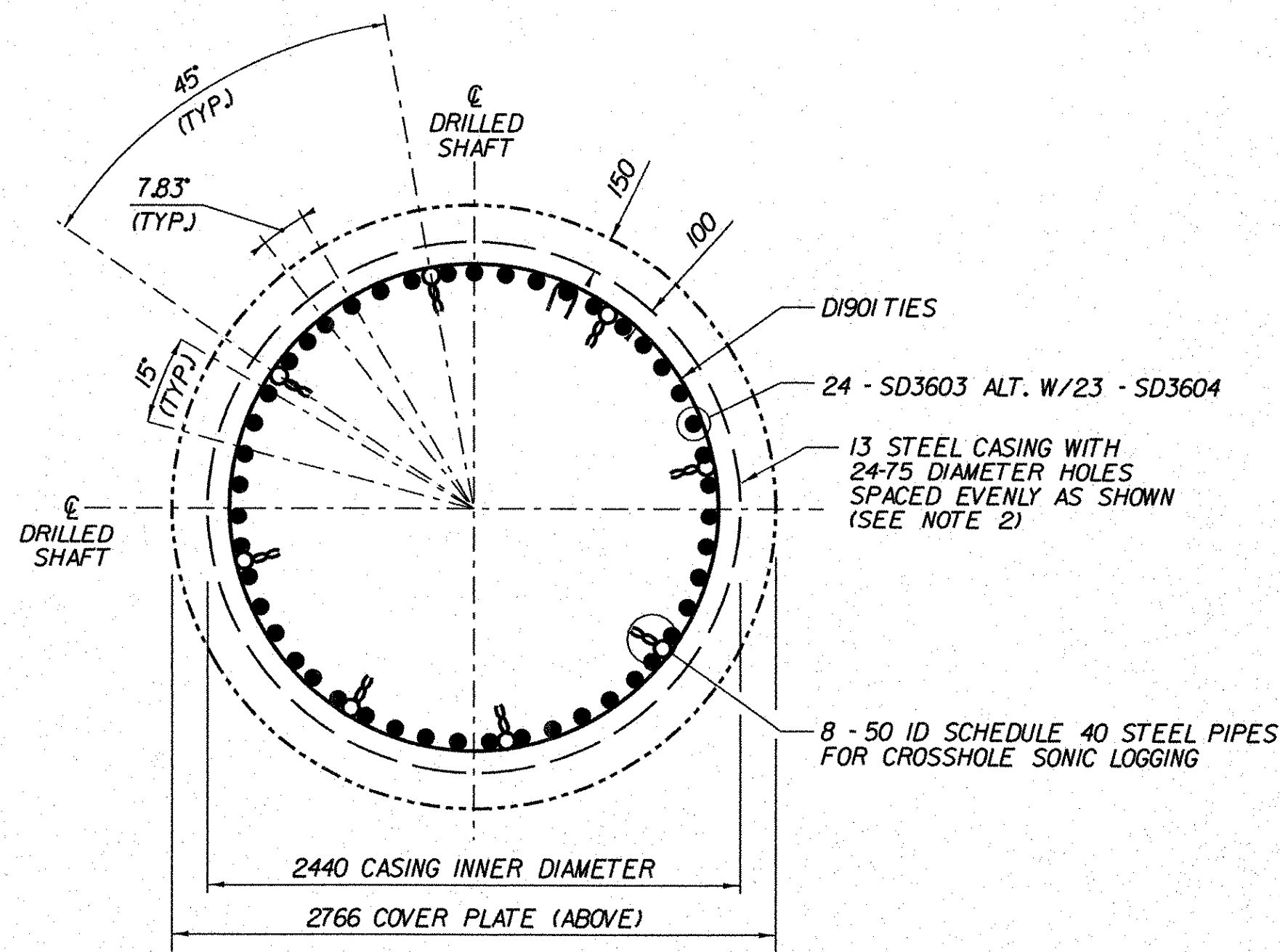
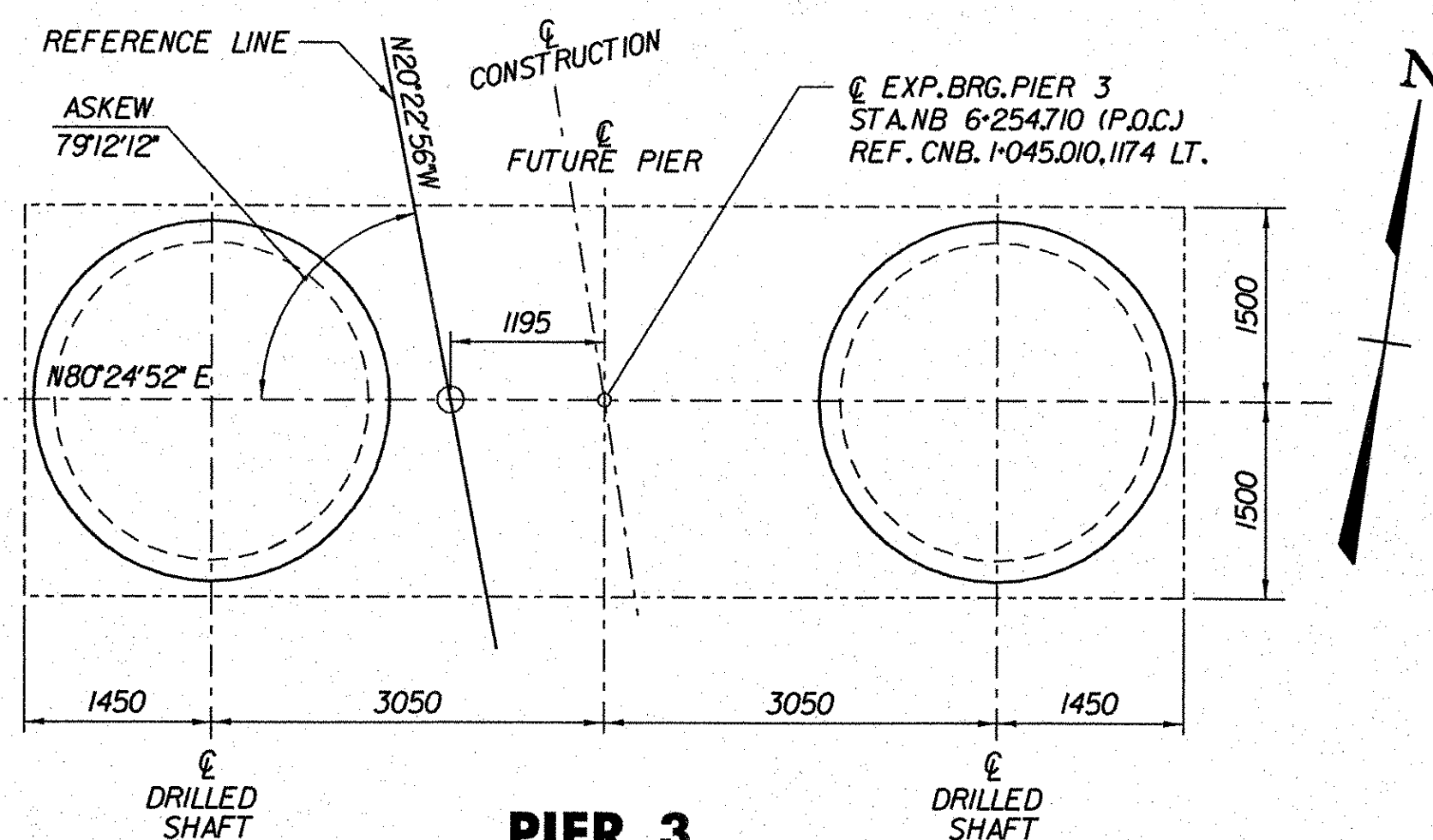


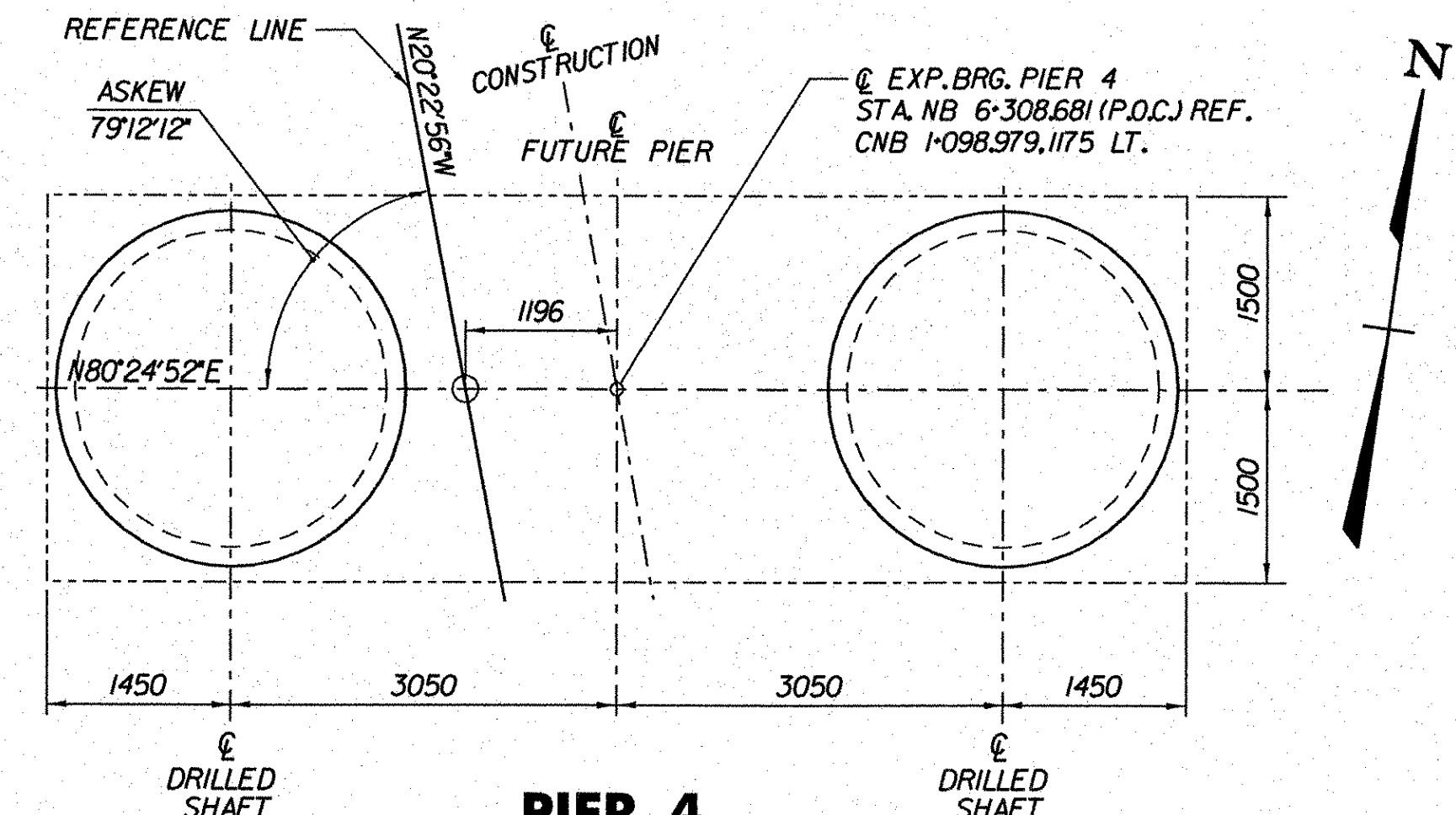
TYPICAL DRILLED SHAFT DETAIL
FUTURE MAINLINE VT ROUTE 279
 SCALE 1:25



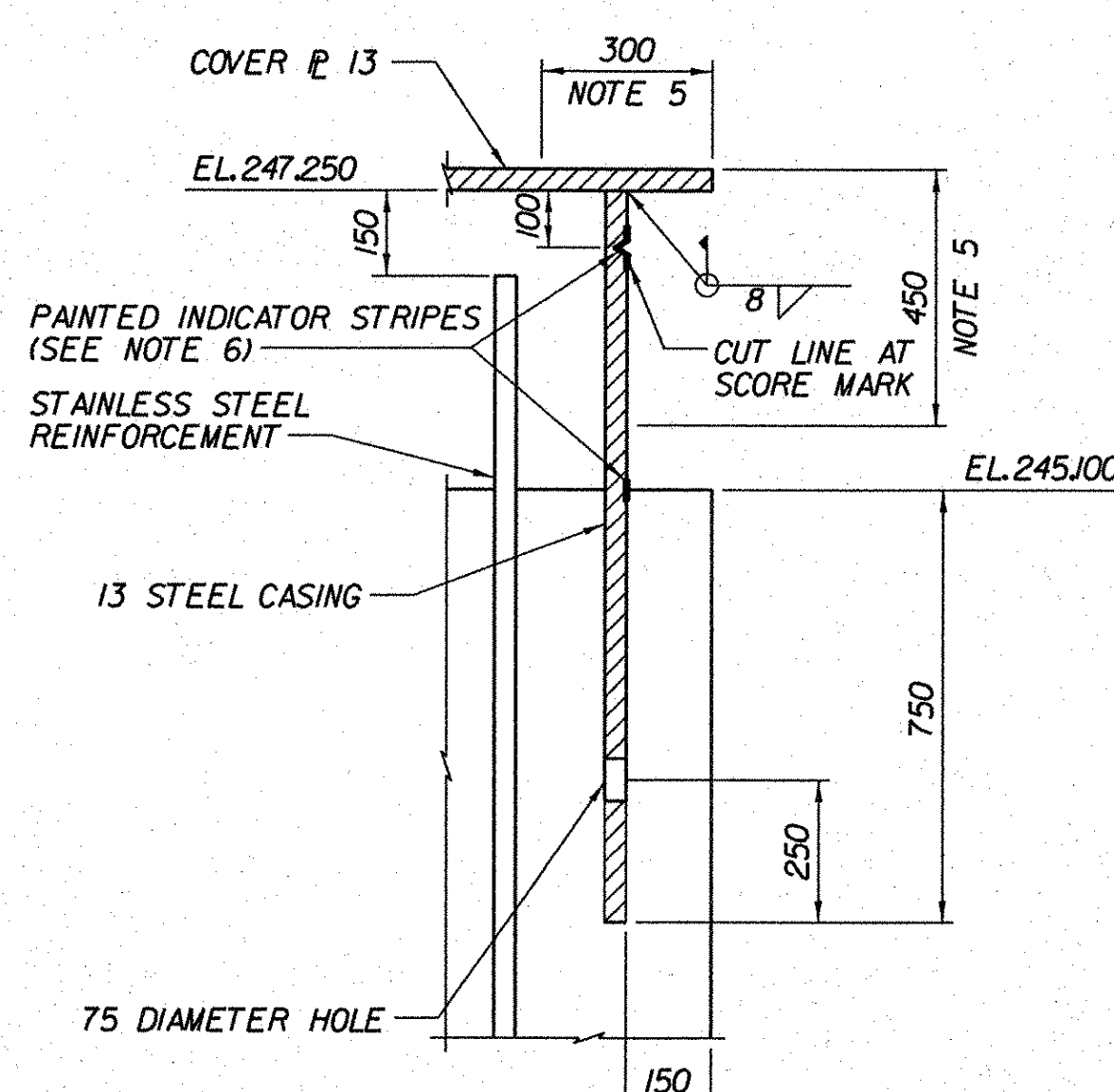
DRILLED SHAFT SECTION B-B
 SCALE 1:25



PIER 3
 SCALE 1:50



PIER 4
 SCALE 1:50



STEEL CASING DETAIL
 NOT TO SCALE

NOTES:

1. THE DRILLED SHAFTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 900 OF THE SPECIAL PROVISIONS, THE CONTRACTOR IS ADVISED OF THE PRE-QUALIFICATIONS AND SUBMITTAL REQUIREMENTS AS DETAILED IN THE SPECIFICATION.
2. STEEL CASING AND COVER PLATE TO BE PROVIDED FOR PROTECTION OF EXPOSED VERTICAL STAINLESS STEEL DRILLED SHAFT REINFORCEMENT. PAYMENT FOR THE STEEL CASING AND COVER PLATES SHALL BE MADE UNDER ITEM 506.75 "STRUCTURAL STEEL."
3. VERTICAL STAINLESS STEEL DRILLED SHAFT REINFORCING SHALL CONFORM TO SECTION 900 OF THE SPECIAL PROVISION. PAYMENT FOR THE STAINLESS STEEL REINFORCING SHALL BE MADE UNDER ITEM 900.635 "SPECIAL PROVISION (STAINLESS STEEL REINFORCING)."
4. PROVIDE THREADED COUPLINGS ON THE CROSSHOLE SONIC LOGGING STEEL PIPES SO EXTENSIONS CAN BE ADDED TO TEST THE SHAFT CONCRETE THAT WILL BE POURED IN THE FUTURE.
5. THE CONTRACTOR SHALL APPLY A COAT OF GREASE RUSTPROOFING COMPOUND OVER THE SEAL WELD AND EXPOSED PORTIONS OF THE NOTCH ALONG THE TOP OF THE CASING. THE COMPOUND SHALL CONFORM TO SECTION 513 OF THE SPECIFICATIONS. THE COST OF THE RUSTPROOFING SHALL BE INCIDENTAL TO ITEM 506.75 "STRUCTURAL STEEL."
6. THE CONTRACTOR SHALL APPLY A YELLOW PAINTED INDICATOR STRIPE AT THE LOCATIONS SHOWN ON THE PLANS PRIOR TO THE APPLICATION OF THE GREASE RUSTPROOFING COMPOUND. IN ADDITION TO THE TOP STRIPE PAINTED OVER THE CUT NOTCH ADD THE DASHES AND WORDS "-CUT LINE- 100 IN HEIGHT PAINTED IN BLACK PLACED ON TOP OF A FIELD PAINTED YELLOW CENTERED BELOW THE CUT LINE NOTCH (2 PER TEMPORARY CASING - EACH OPPOSITE OF THE OTHER). THE COST OF THE PAINTED INDICATOR STRIPE SHALL BE INCIDENTAL TO ITEM 506.75 "STRUCTURAL STEEL."
7. AFTER CONSTRUCTION OF THE DRILLED SHAFT TO THE TOP OF CONCRETE ELEVATION SHOWN THE CONTRACTOR SHALL INSTALL THE STEEL CASING AND COVER PLATE SHOWN ON THIS DRAWING. A 300 LEVELING PAD OF GROUT SHALL BE PLACED AND CURED. AFTER LEVELING THE CAP THE CONTRACTOR SHALL PLACE GROUT BETWEEN THE CASING, DRILLED SHAFT AND OUTSIDE THE CAP TO THE LIMITS SHOWN ON THE PLANS. THE GROUT SHALL CONFORM TO SECTION 707.03 MORTAR, TYPE IV OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. GROUTING OF THE CAP SHALL BE INCIDENTAL TO ITEM 506.75 "STRUCTURAL STEEL."



SCALE 1:50



SCALE 1:25

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	BENNINGTON	Bridge No.	BI5
Highway No.	VT RTE 279	Log Sta.	
		Surv. Sta.	
VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLOOMSAC RIVER			
DRILLED SHAFT DETAILS (VT ROUTE 279)			
Designed By	A. ODEN	Drawn By	D.W. SHAFFER
Checked By	B.J. CARLSON	Date	06/08
		Bridge Design Supervisor	K.M. WOJTKOWSKI
		Date	06/08
PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-1(51)
TVGA CAD Drawing No.	MainShftDet.dgn	Date	02/02/2009
Bridge Sheet No.	BR299	Sheet	286 of 367