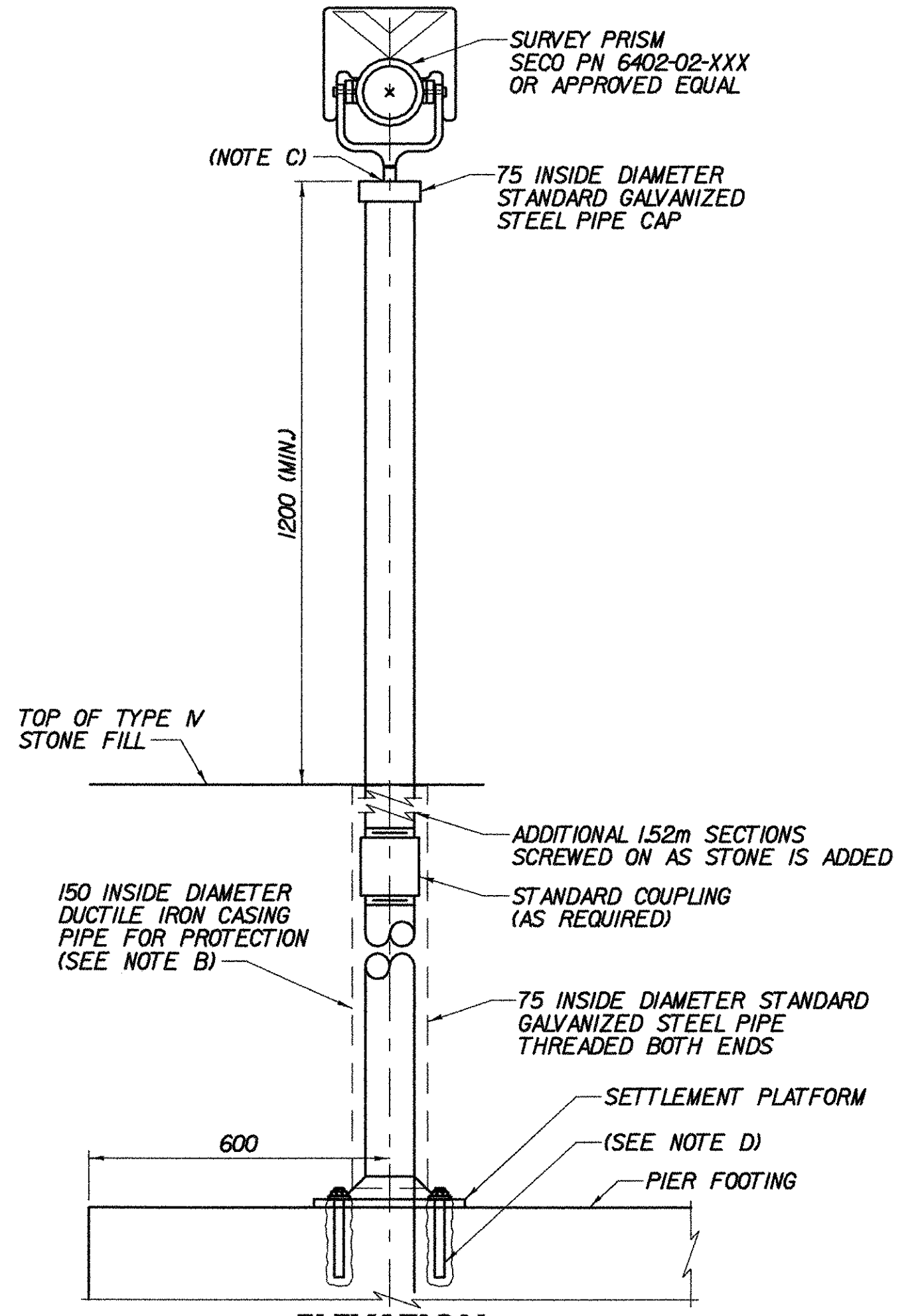


PLAN

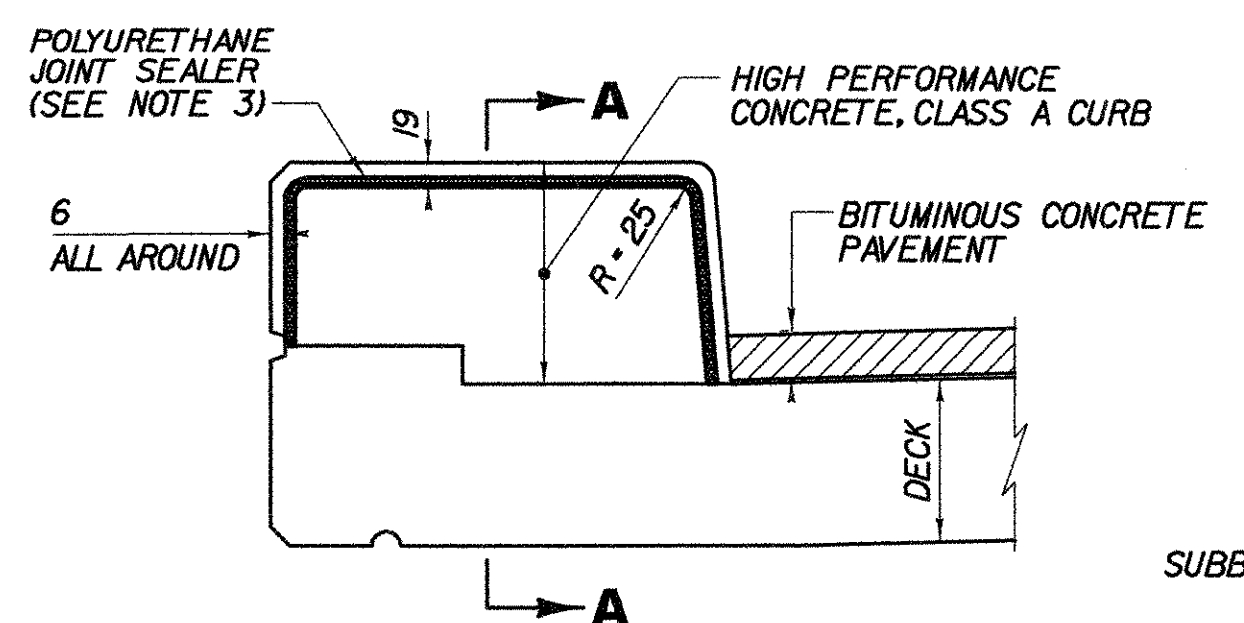


ELEVATION

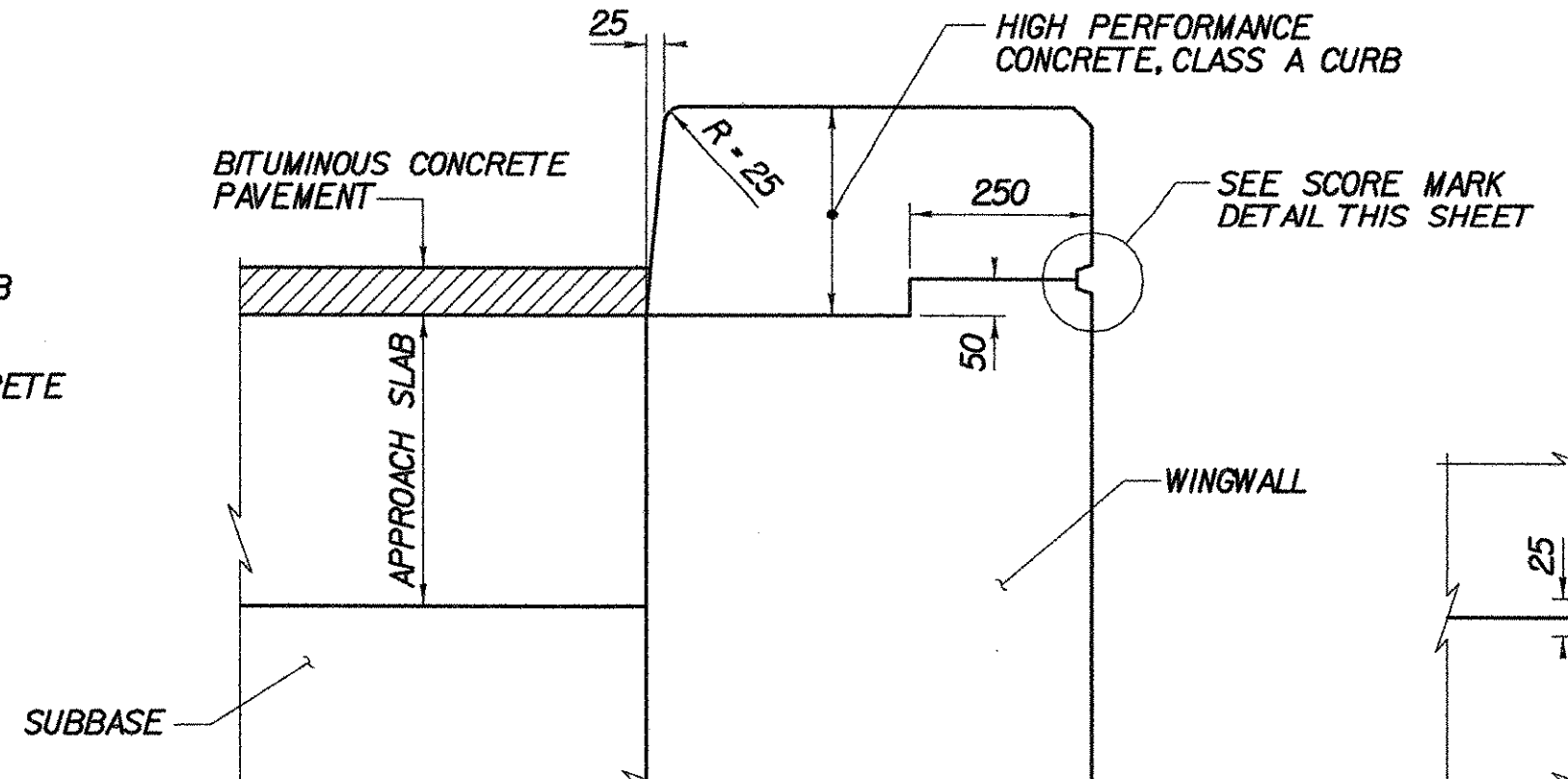
NOTES:

- A. A MODIFIED SETTLEMENT PLATFORM SHALL BE PROVIDED AT ALL FOUR CORNERS OF THE PIER FOOTING. ALL COSTS TO FURNISH AND INSTALL THE MODIFIED SETTLEMENT PLATFORM SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (MODIFIED SETTLEMENT PLATFORM).
- B. THE CONTRACTOR SHALL PROTECT THE SETTLEMENT PLATFORM FROM DAMAGE WHILE PLACING THE TYPE IV STONE FILL AROUND THE PIER.
- C. THE CONTRACTOR SHALL DESIGN THE CONNECTION DETAIL BETWEEN THE STANDARD PIPE CAP AND THE SURVEY PRISM. THE PROPOSED DETAIL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- D. DRILL AND GROUT BARS SHALL BE DRILLED AND EPOXY GROUTED 300 MINIMUM INTO THE CONCRETE. DRILL AND EPOXY GROUT SYSTEM SHALL BE:
 - DAYTON SUPERIOR SURE-ANCHOR J-51 SYSTEM
 - HILTI, INC. HIT HY-150 SYSTEM
 - UNITEX PRO-POXY 300 FAST SYSTEM
 OR EQUIVALENT APPROVED BY VAOT MATERIALS SECTION. ALL COSTS FOR DRILLING AND EPOXY GROUTING REINFORCING BARS SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (MODIFIED SETTLEMENT PLATFORM)

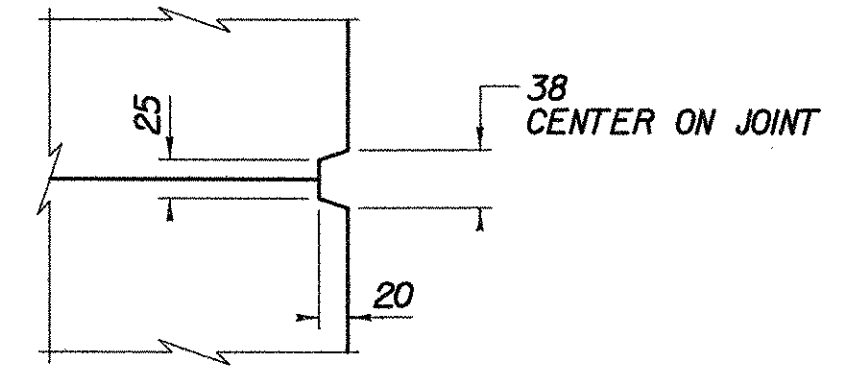
MODIFIED SETTLEMENT PLATFORM
NOT TO SCALE



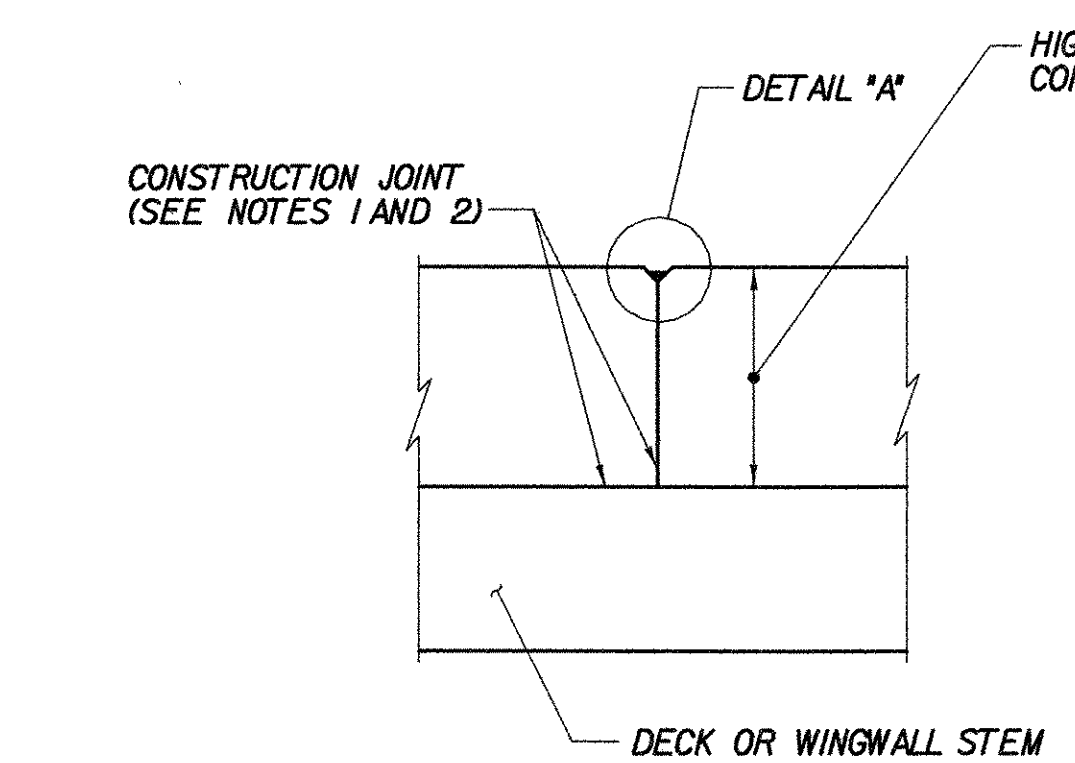
TYPICAL SECTION THROUGH CONCRETE CURB CONSTRUCTION JOINT



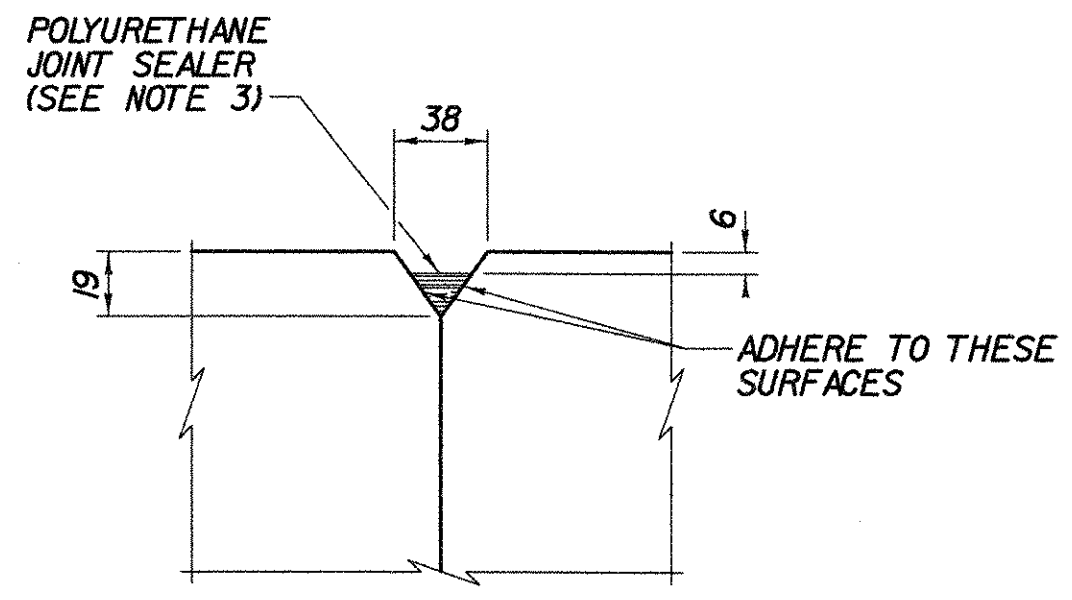
TYPICAL SECTION THROUGH CONCRETE CURB AT WINGWALL



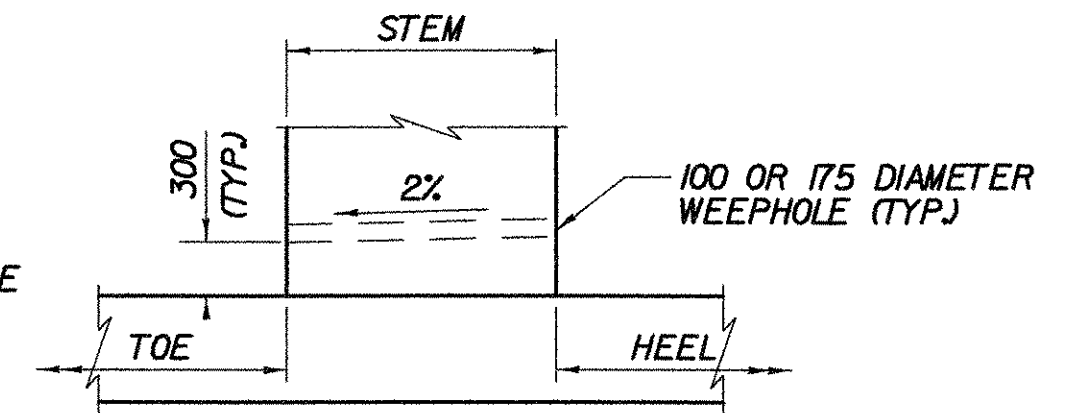
SCORE MARK DETAIL



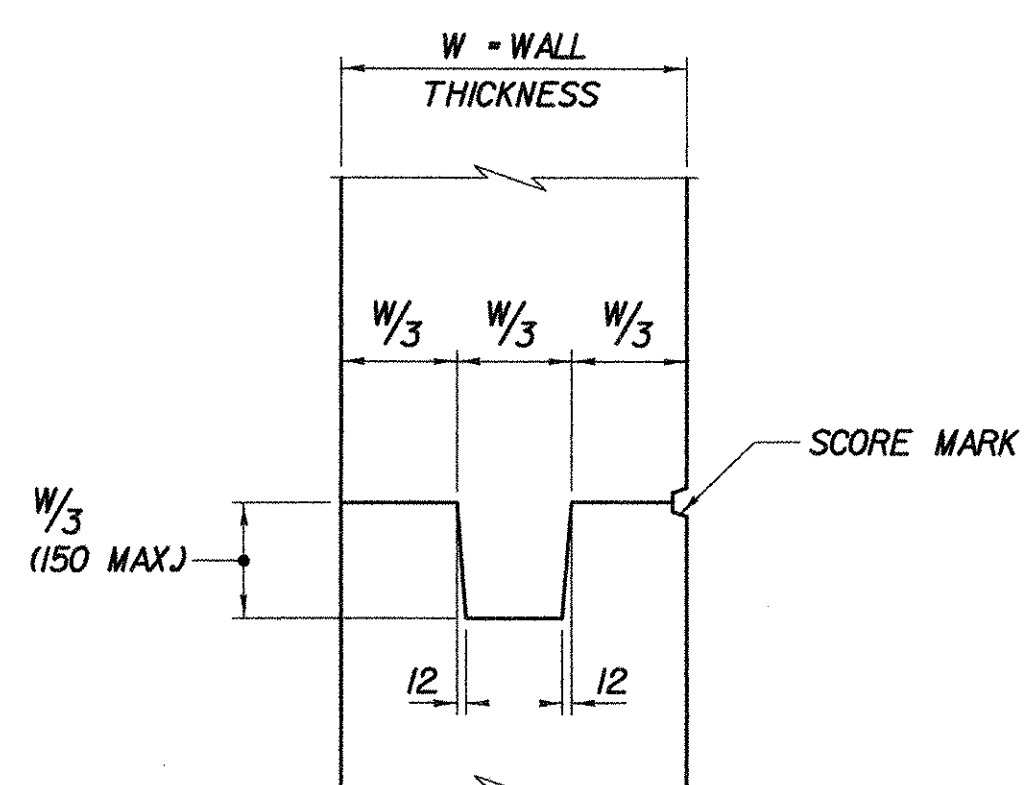
SECTION A-A



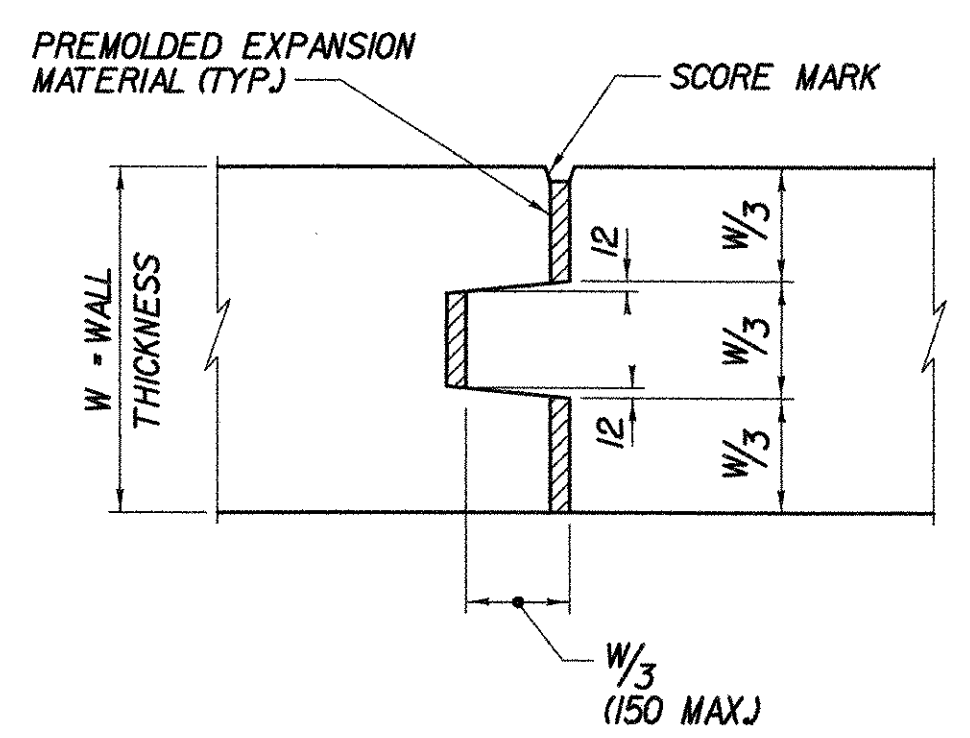
DETAIL 'A'



WEEPHOLE DETAIL



TYPICAL CONCRETE CONSTRUCTION JOINT



TYPICAL CONCRETE EXPANSION JOINT

CURB JOINT DETAILS
NOT TO SCALE

- NOTES:**
1. CONSTRUCTION JOINTS THROUGH CONCRETE CURB SHALL BE SPACED MAXIMUM 4.50 m CENTER TO CENTER AND SHALL BE 560 MINIMUM FROM THE CENTER OF THE NEAREST BRIDGE RAIL POST. CONCRETE SHALL BE PLACED IN ALTERNATING SECTIONS WITH A MINIMUM OF 48 HOURS DELAY BETWEEN ADJACENT POURS.
 2. LONGITUDINAL REINFORCING SHALL PASS THROUGH CONCRETE CURB CONSTRUCTION JOINTS.
 3. POLYURETHANE JOINT SEALER, PER SUBSECTION 524.06(g) OF THE SPECIFICATIONS, COLOR TO MATCH CONCRETE. COST SHALL BE INCIDENTAL TO ITEM 501.33, "CONCRETE, HIGH PERFORMANCE CLASS A (FPQ)" OR ITEM 501.33 "CONCRETE, HIGH PERFORMANCE CLASS A (SIPCMF) (FPQ)."

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			
TYPICAL BRIDGE DETAILS			
Designed By	J.J. MANUSE	Drawn By	D.J. HENDERSON
Checked By	Date	Bridge Design Supervisor	
B.J. CARLSON	04/07	K.M. WOJTKOWSKI Date 04/07	
PROJECT	BENNINGTON	PROJECT NO.	AC NH FO19-(153)
TVGA CAD Drawing No.	FBBridgeDet.dgn	Date	04/10/2007
Bridge Sheet No.	BR512	Sheet	204 of 577

