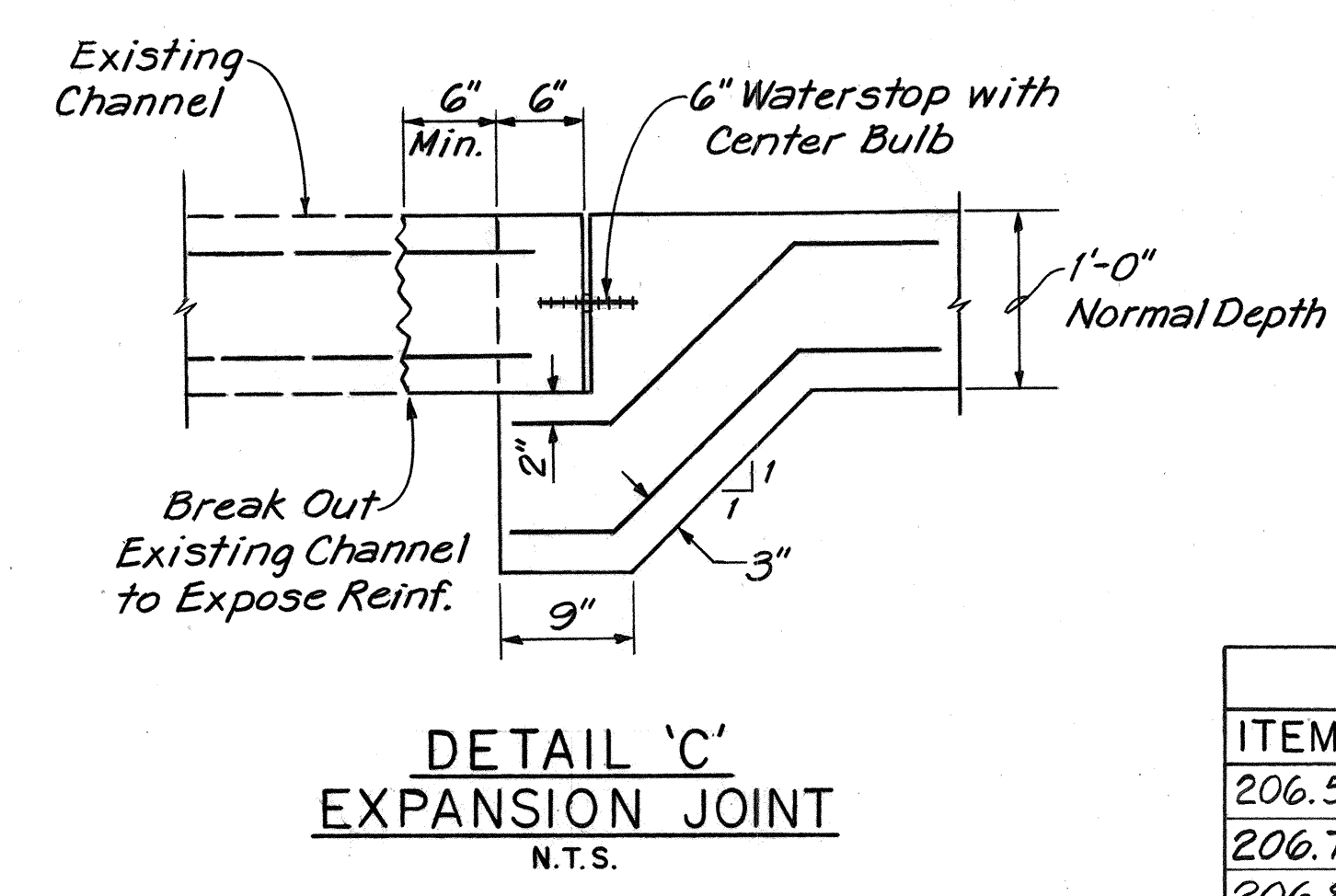
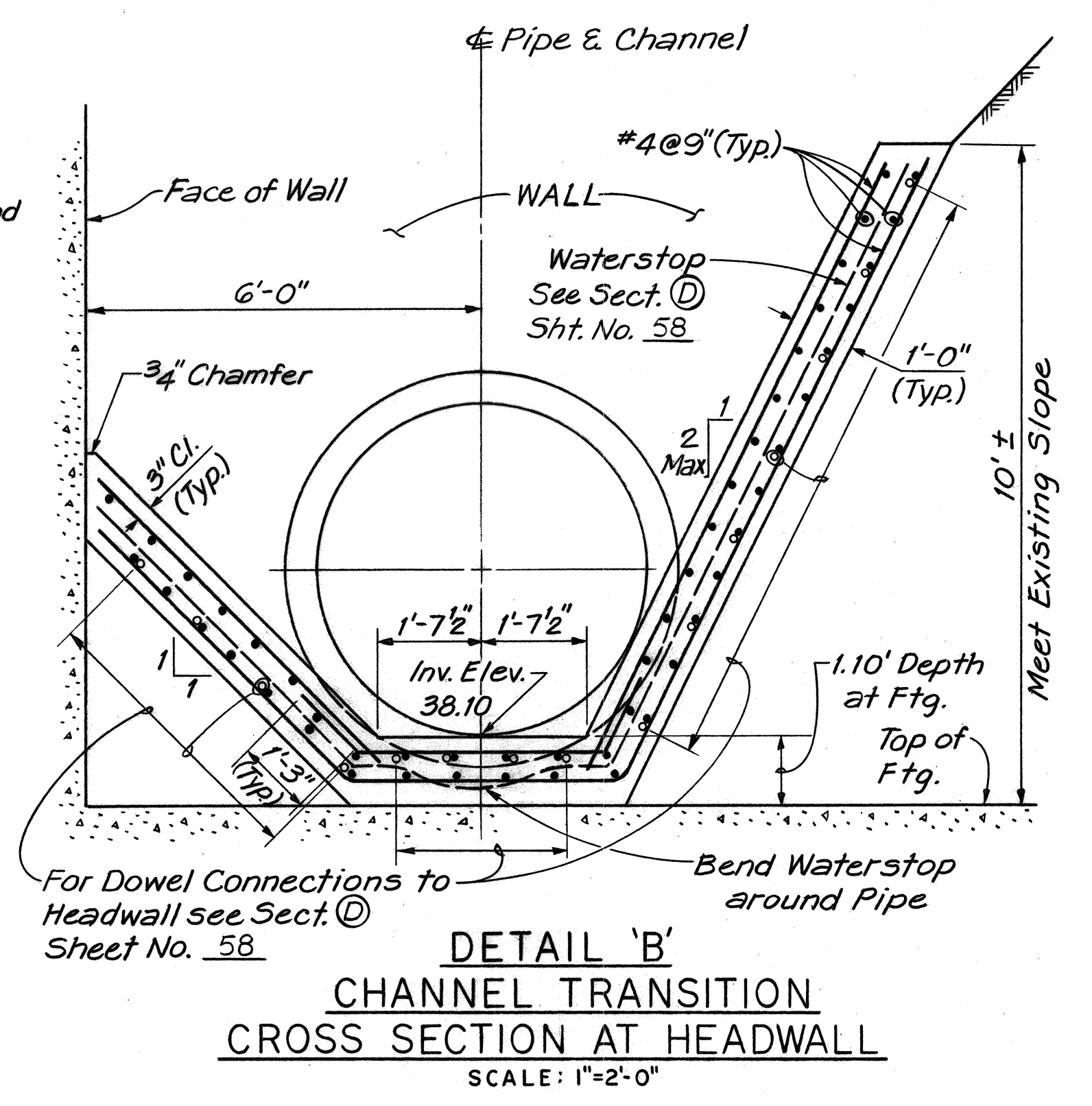
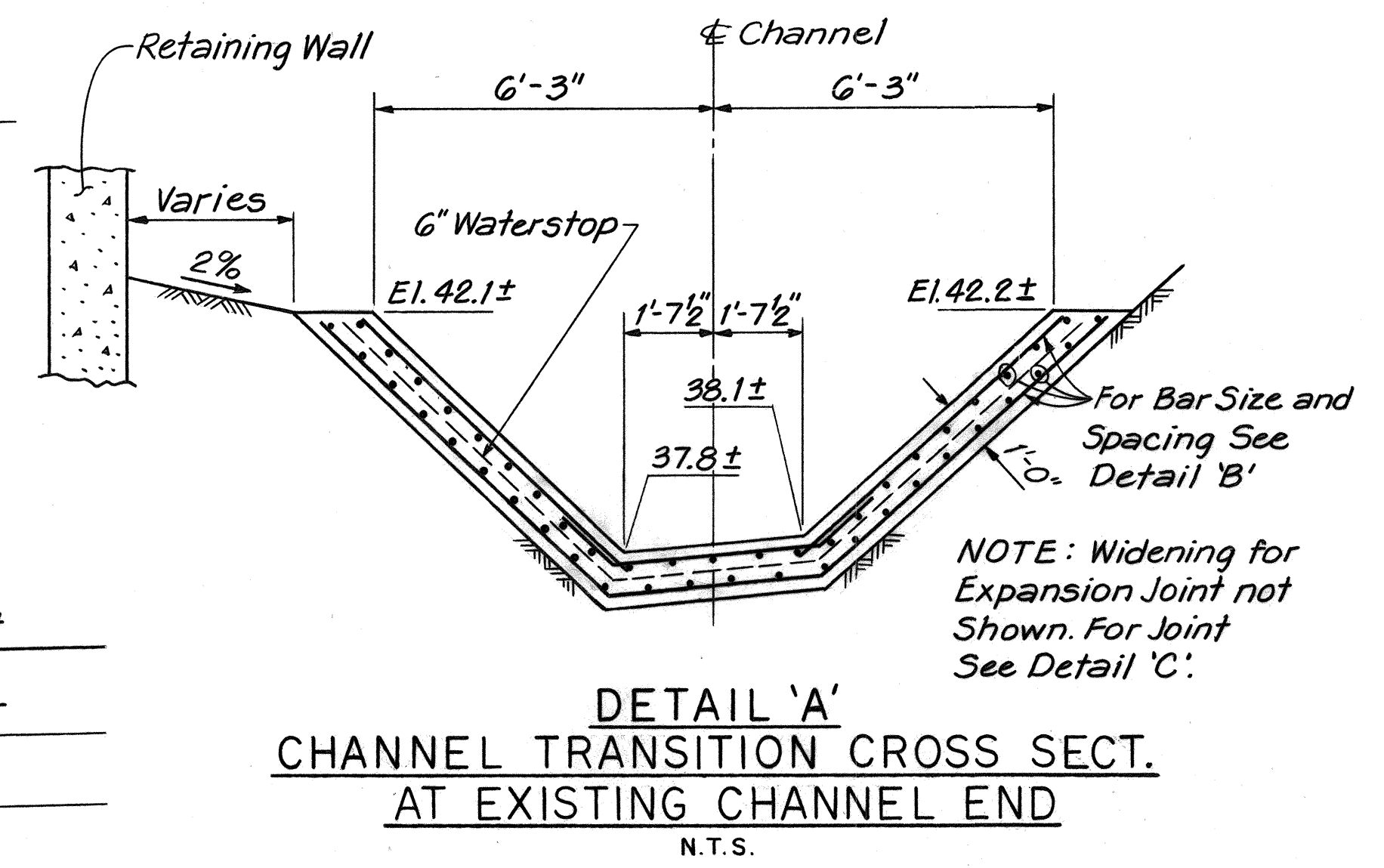
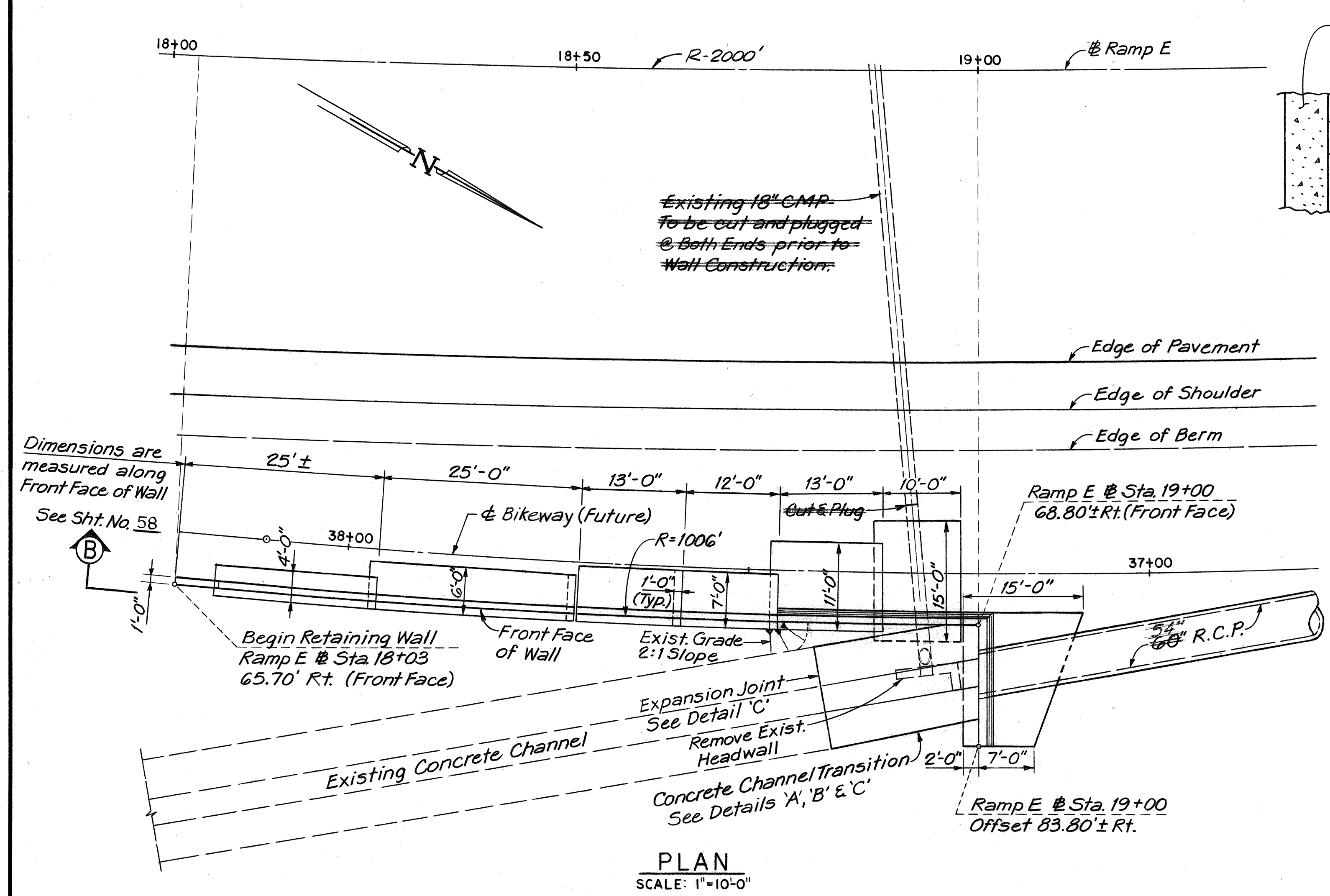
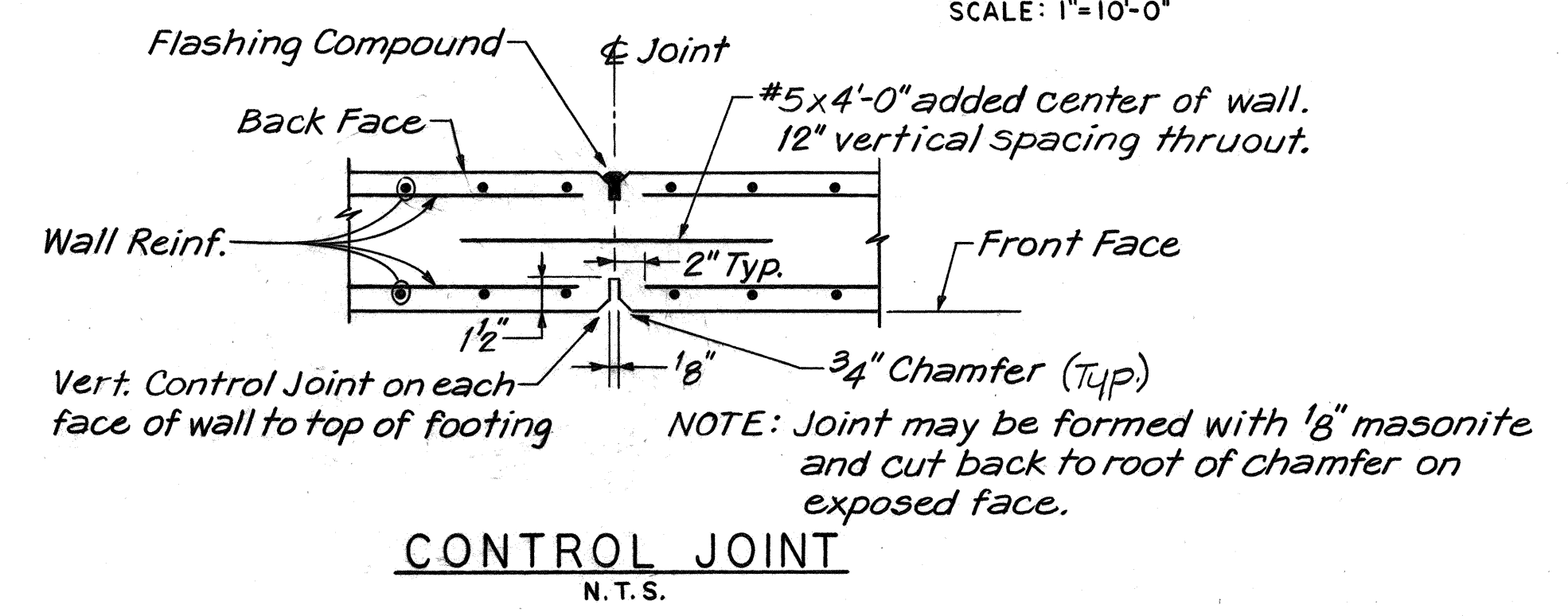
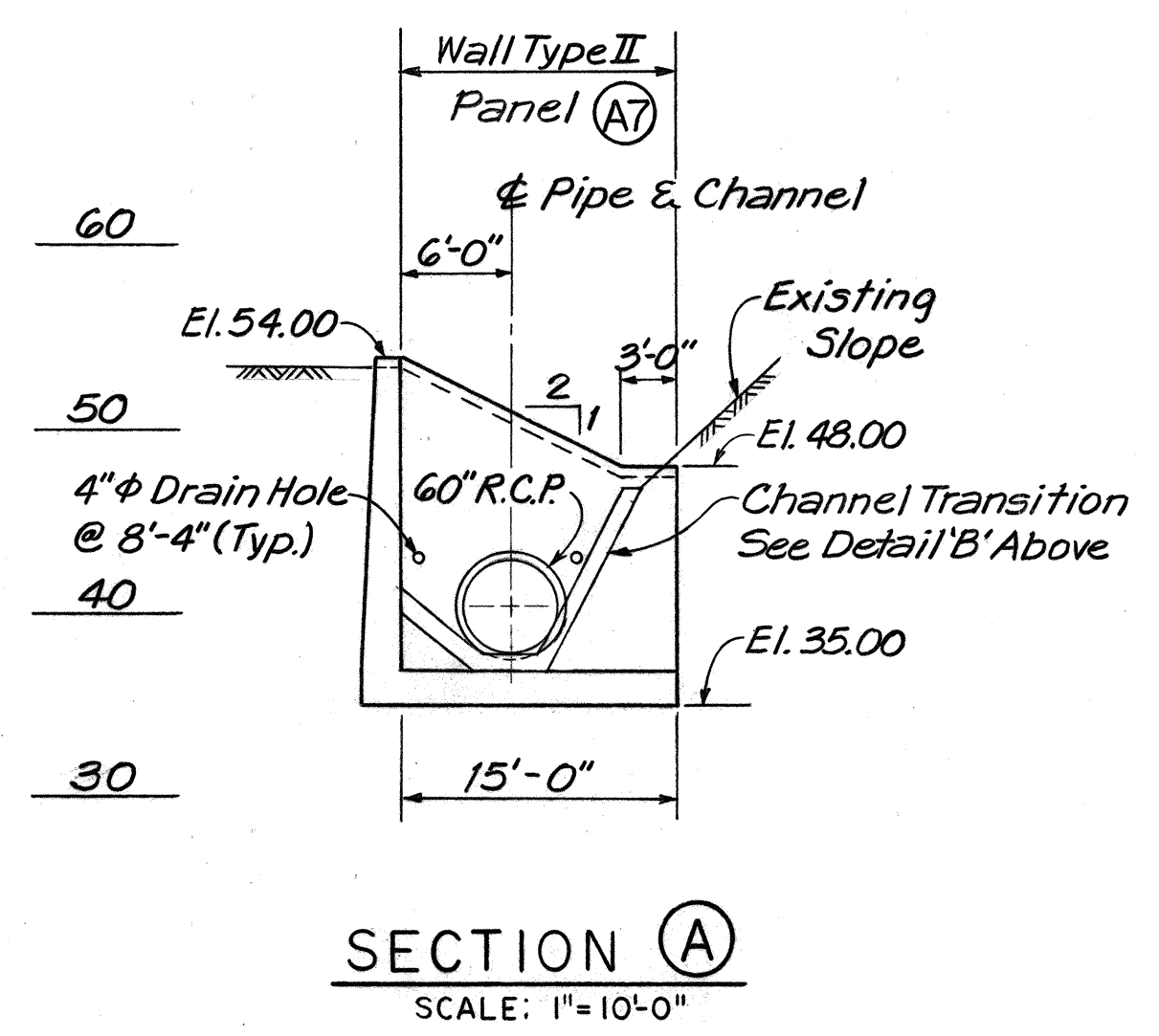
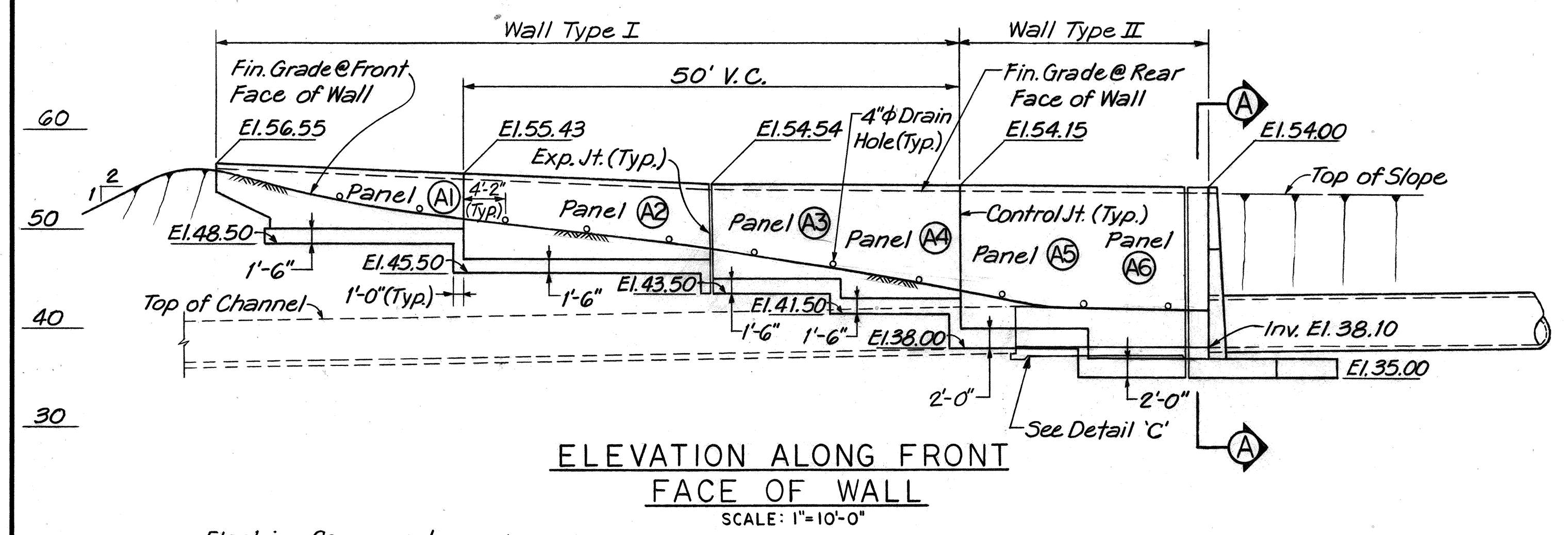


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(1)	1978	57	198



ESTIMATED QUANTITIES			
ITEM NO.	ITEM	UNIT	QUANTITY
206.5100	Structure Excavation for Retaining Wall	Cu. Yd.	400
206.7000	Structure Backfill	Cu. Yd.	350
206.8000	Filter Material	Cu. Yd.	23
503.1051	Conc. in Retaining Wall (Except Footings)	L.S.	(51 cy)
503.1052	Conc. in Retaining Wall Footings	L.S.	(64 cy)
602.0050	Reinforcing Steel in Retaining Walls	L.S.	(9400 lbs)
507.3600	Bikeway Railing	Lin. Ft.	117



- NOTES:**
1. All Concrete shall be Class A with a minimum ultimate cylinder compressive strength of 3000 psi at 28 days. The allowable design stress: $f_c = 1200$ psi and $n = 9$.
 2. Reinforcing Steel shall be ASTM A615 Grade 40.
 3. All exposed edges of wall to be chamfered $\frac{3}{4}$ ".
 4. Stem of Wall shall be constructed to follow the curved alignment, the footing of Wall may be constructed on a series of Chords to fit the curved alignment @ max. chord length = 25 ft.

ANTHONY R. DALESIO
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RETAINING WALL "A" DETAILS

FORT WEAVER ROAD
ROUTE H-1 TO SOUTH OF
FARRINGTON HIGHWAY

SCALE: AS SHOWN DATE: AUG. 1978
SHEET No. 1 OF 2 SHEETS

DATE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____
NOTED BY: _____
QUANTITIES BY: _____
REVISIONS BY: _____

