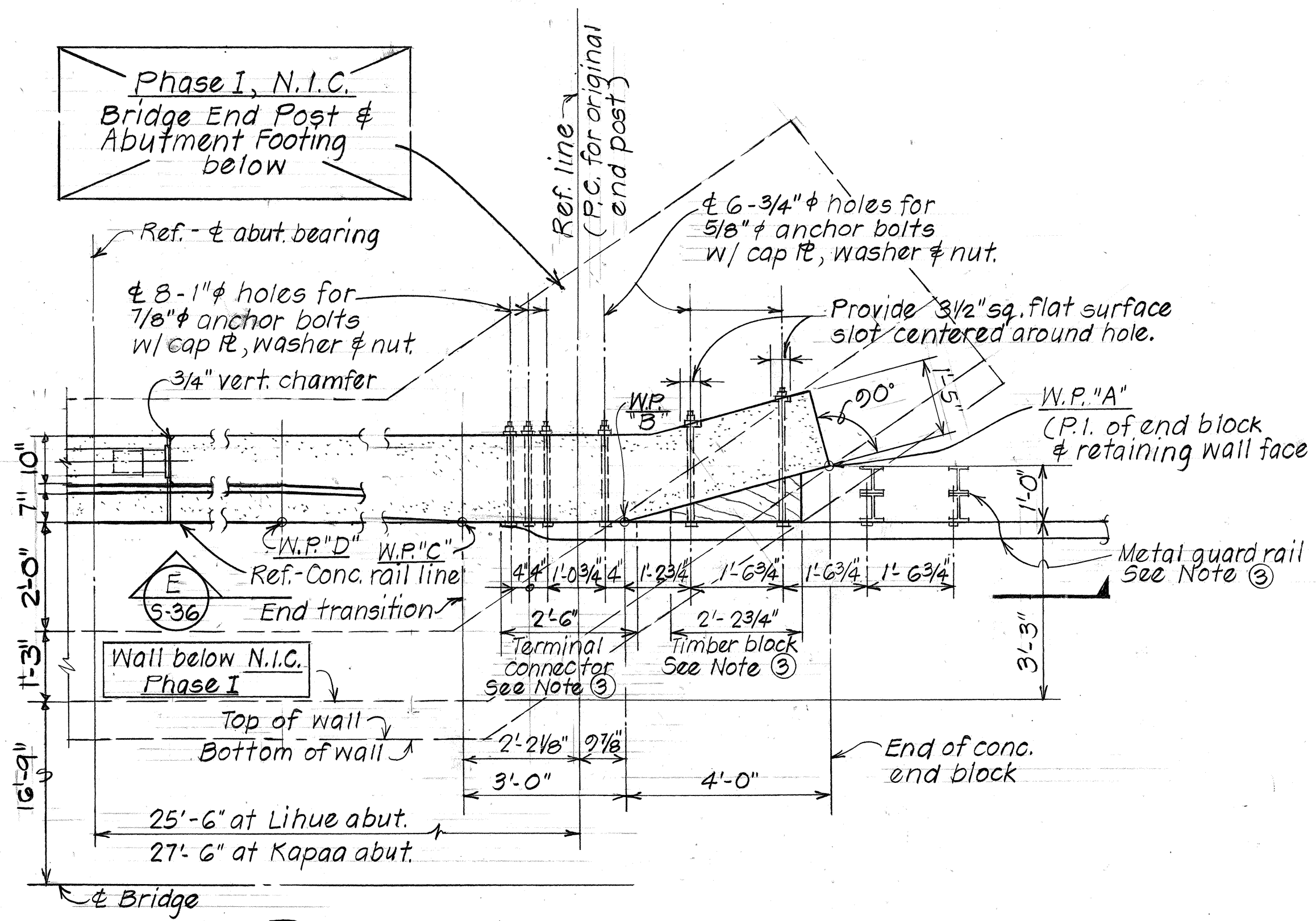
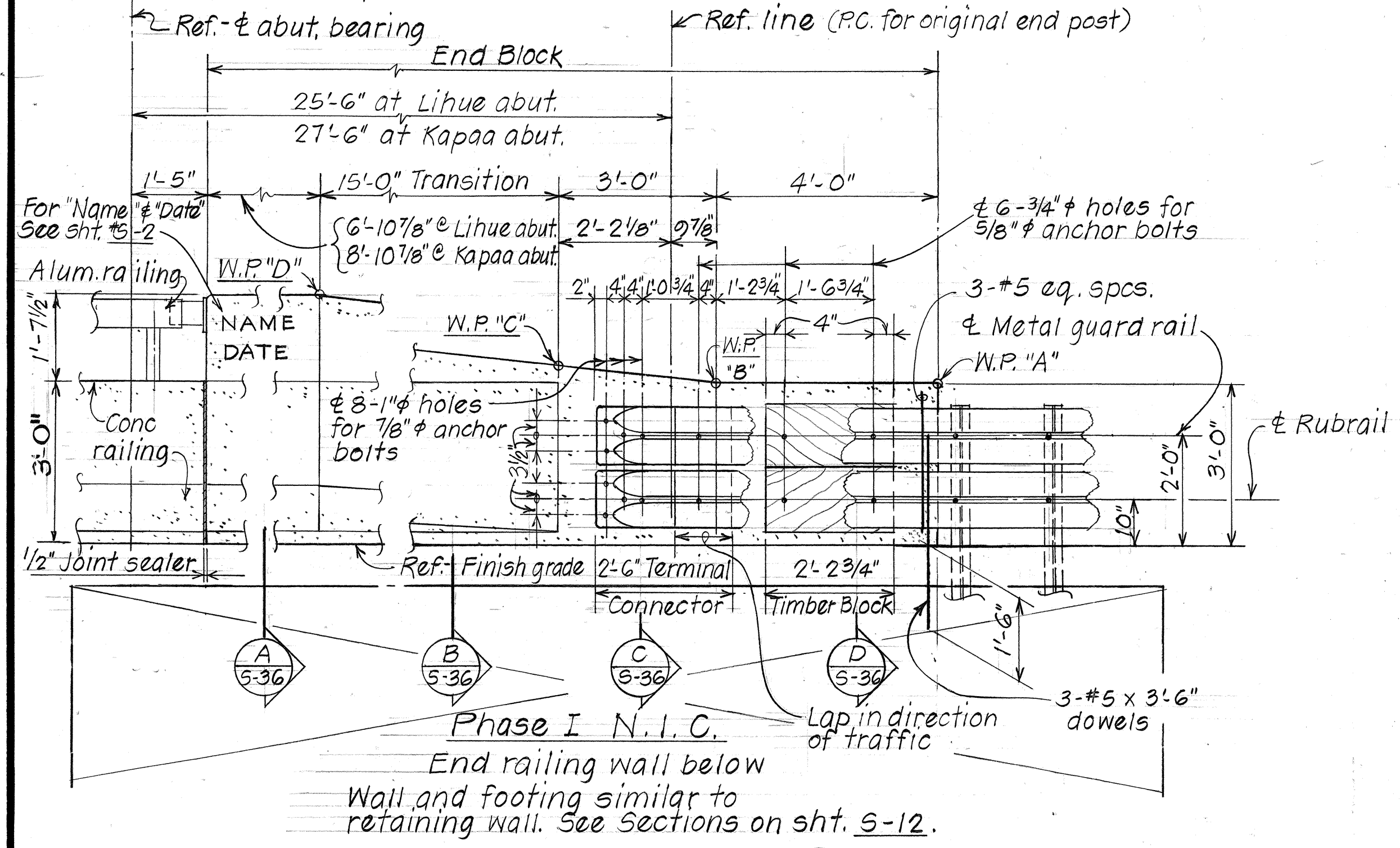


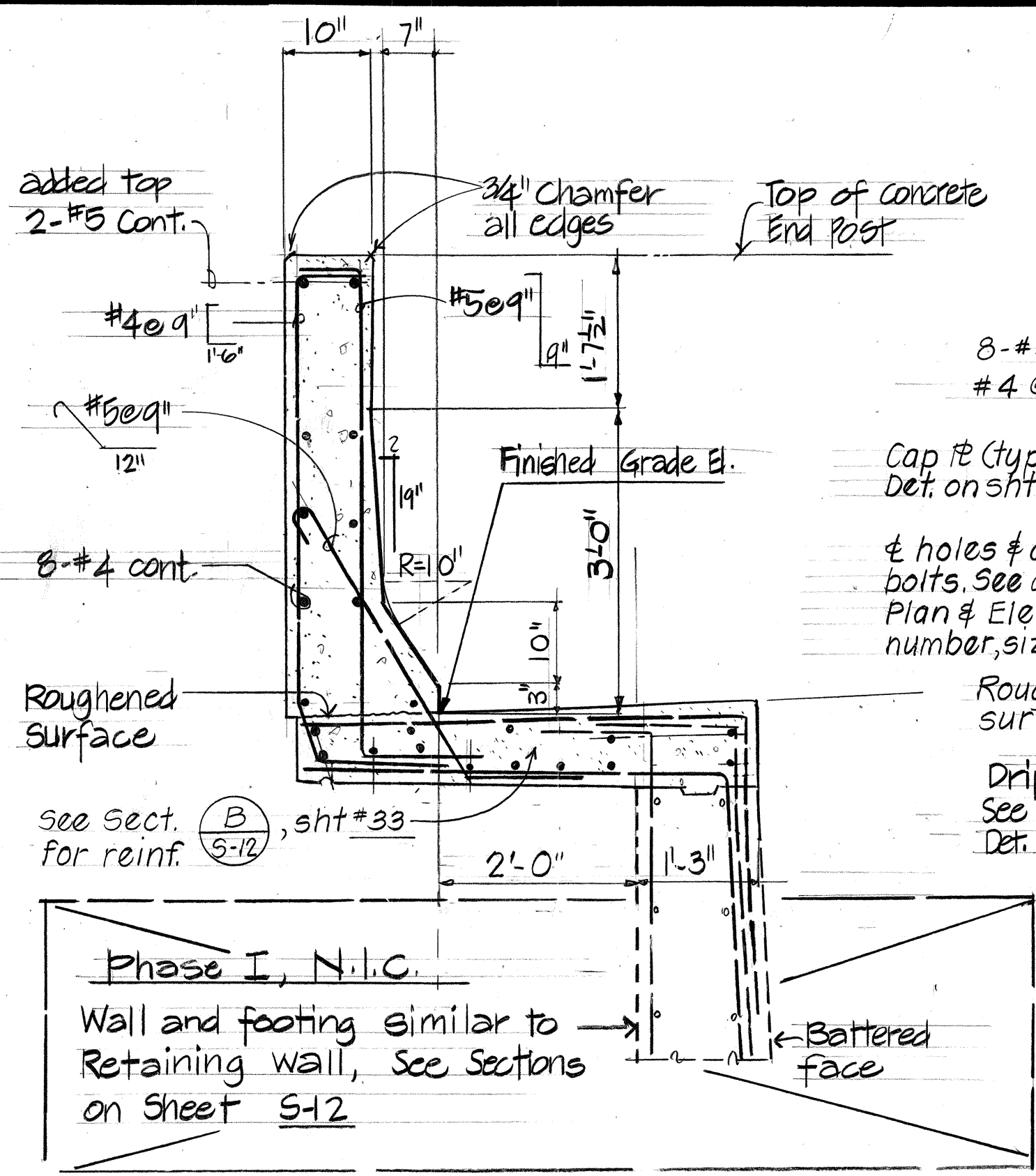
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(8)	1986	53	62



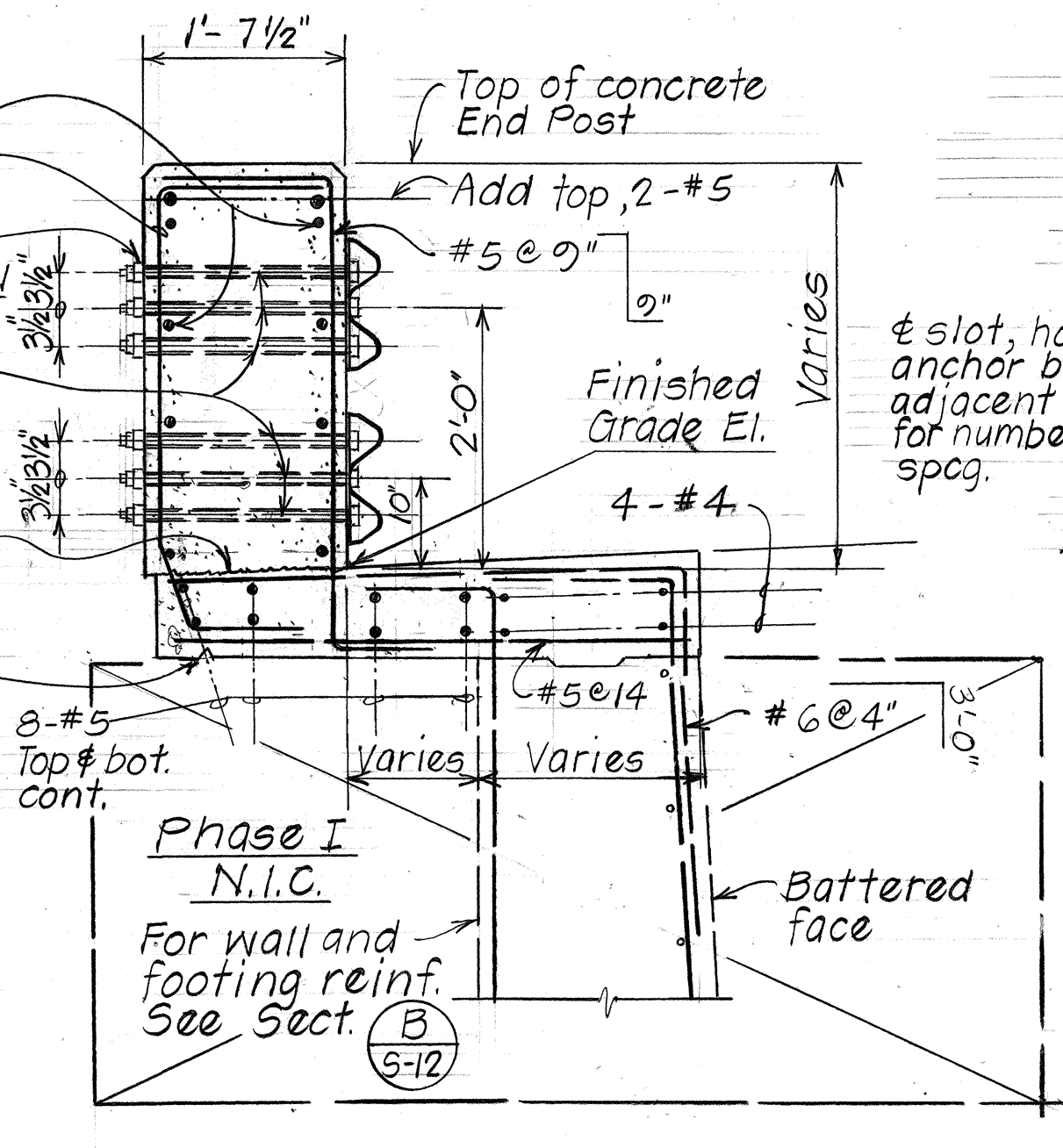
PLAN
Scale: 1/2" = 1'-0"



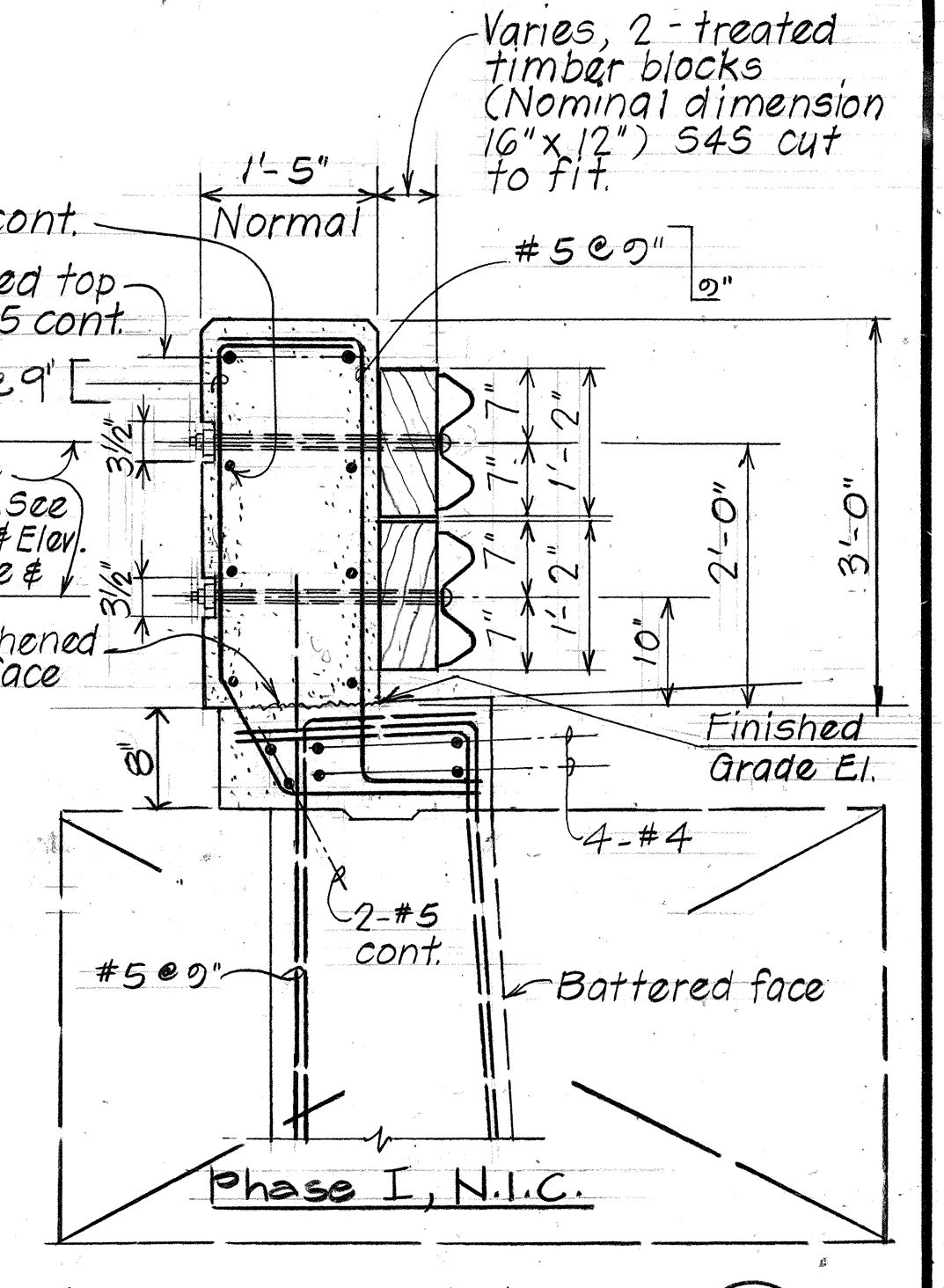
ELEVATION
Scale: 1/2" = 1'-0"



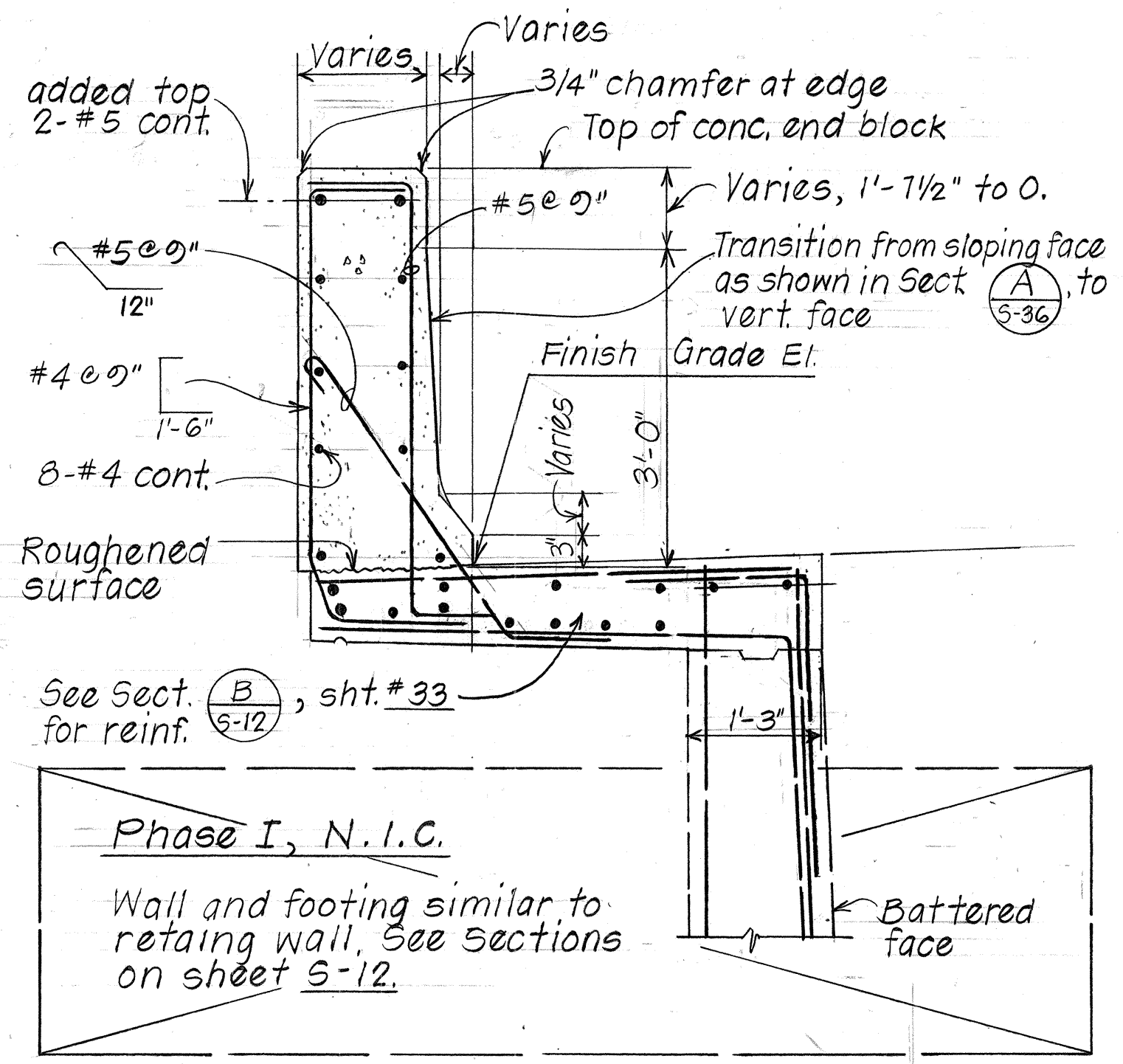
SECTION A
Scale: 3/4" = 1'-0"



SECTION C
Scale: 3/4" = 1'-0"



SECTION D
Scale: 3/4" = 1'-0"



SECTION B
Scale: 3/4" = 1'-0"

- NOTES:**
1. Reinforcing steel for end post shall be considered incidental to concrete railing and end post.
 2. Name to be "Hanamaulu Viaduct." For "Name" and "Date" Details, see sht. S-2.
 3. Anchor bolts and appurtenances shall be furnished, but installation of guard rail will be by others.
 4. All anchor bolts shall be galvanized.
 5. Length of anchor bolts shall be such that a snug fit of the rail elements within the grip, and full thread engagement plus 1/4 inch (max.) is attained, without any additional washers or fillers.

11-4-87 Revised End Block to Accomodate Transition & Installation of Rubrail.

DATE	REVISION
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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Myron Okubo
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**BRIDGE CONCRETE RAILING
END POST DETAILS**
HANAMAULU VIADUCT
HANAMAULU-AHUKINI CUTOFF ROAD
Ahukini Road to Kauai Hardwoods
PROJECT NO. F-051-1(8)
SCALE: AS SHOWN DATE: JULY 1985
SHEET NO. S-36 OF S-39 SHEETS