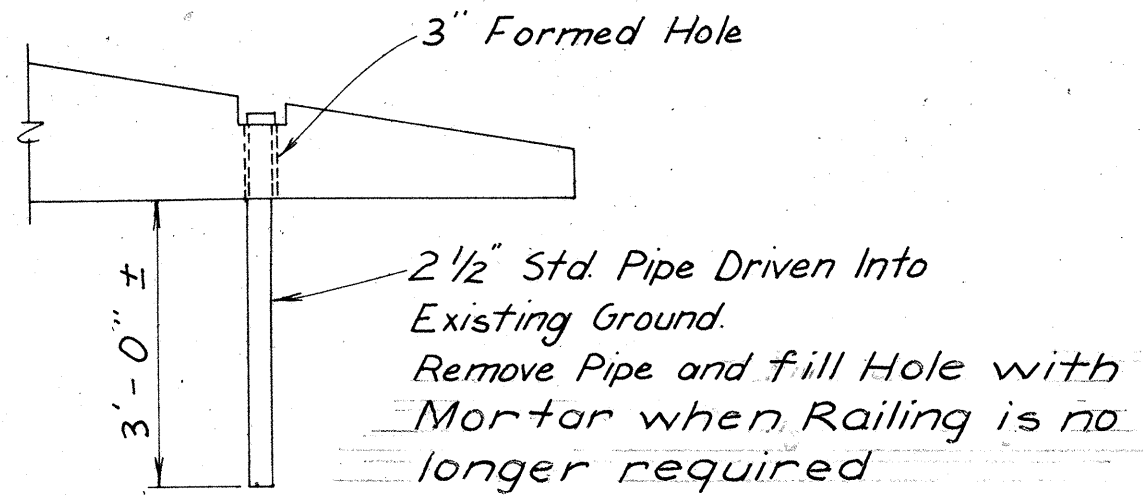
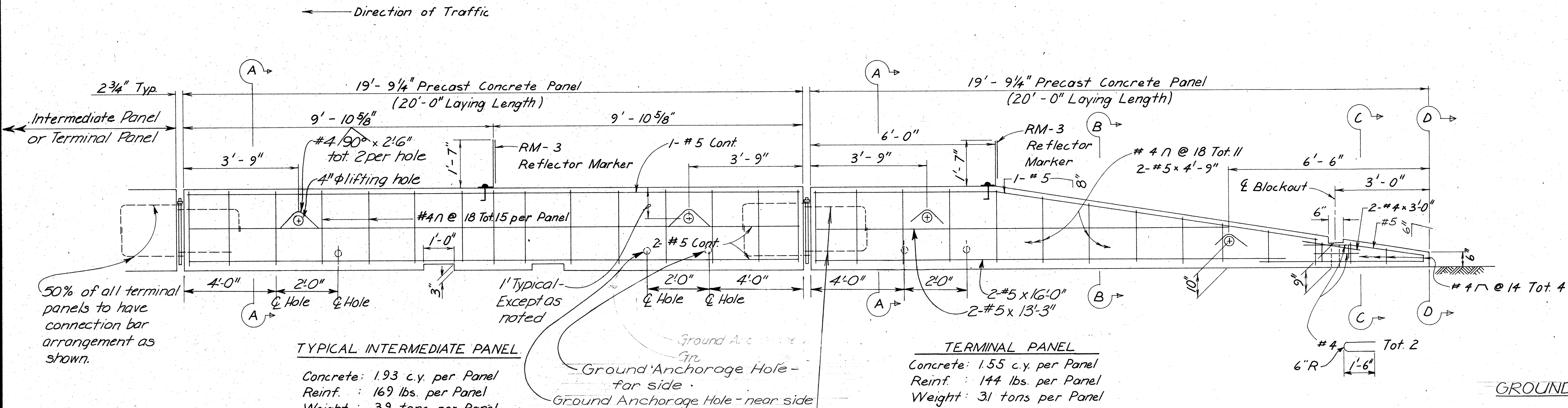


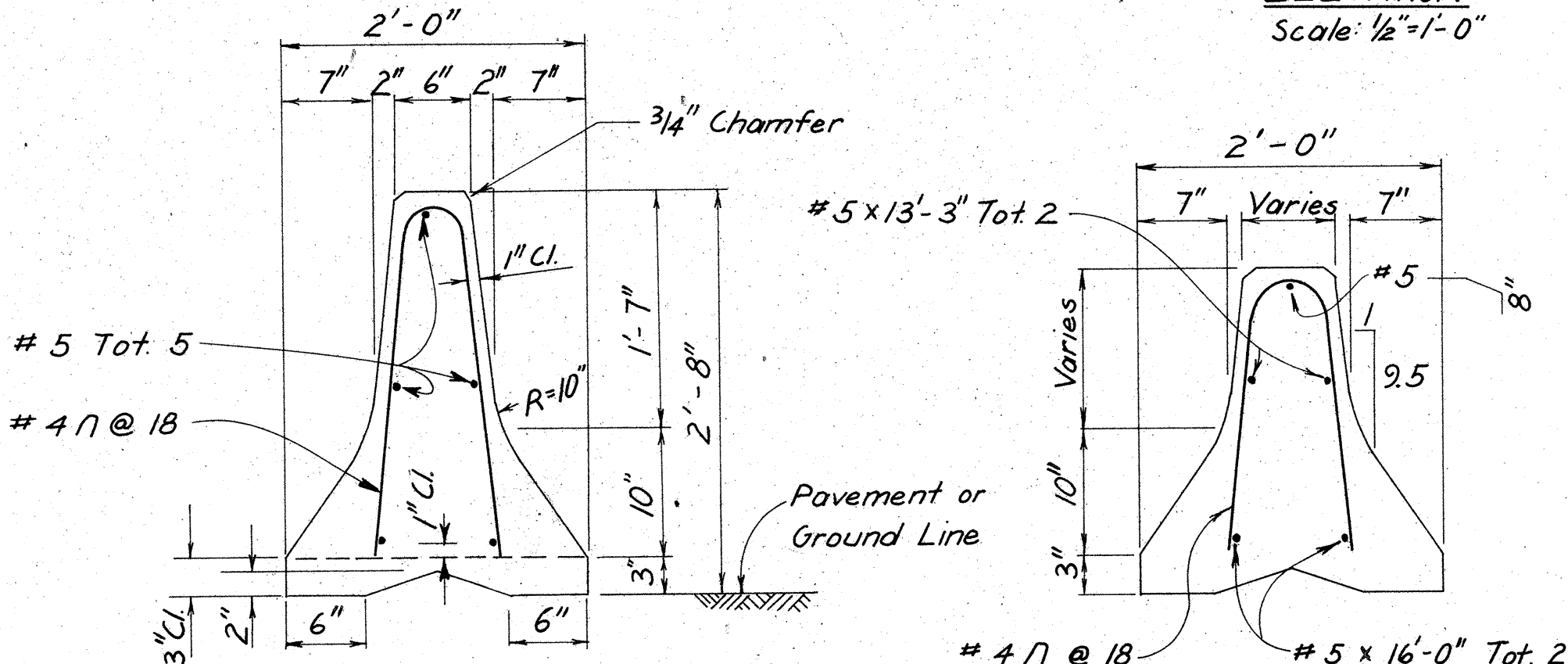
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(12)16	1975	46	207



GROUND ANCHORAGE FOR RAMPED END OF TERMINAL PANEL

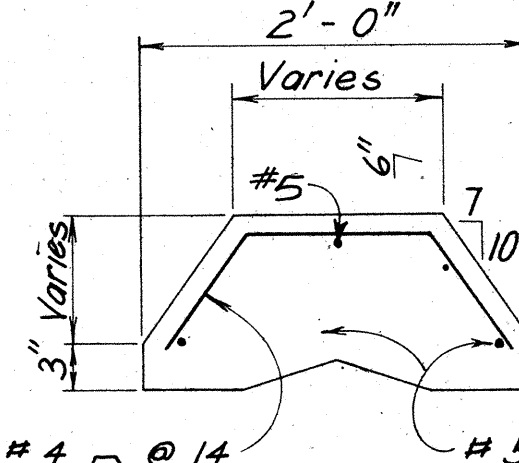
Scale: 1/2" = 1' - 0"

See 2' - 1' - 0"

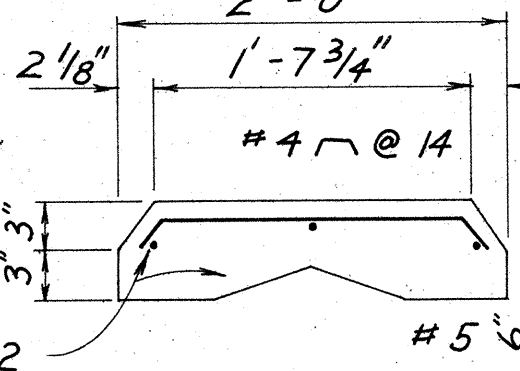


SECTION "A-A"

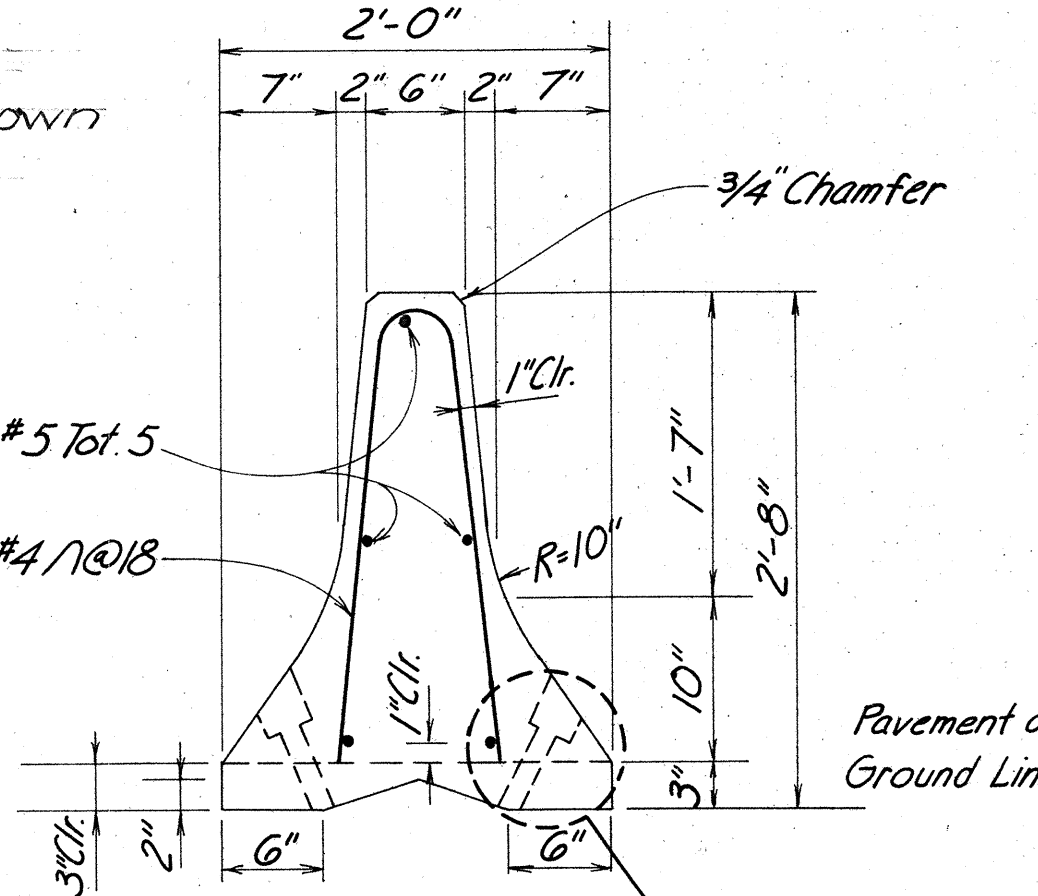
SECTION "B-B"



SECTION "C-C"

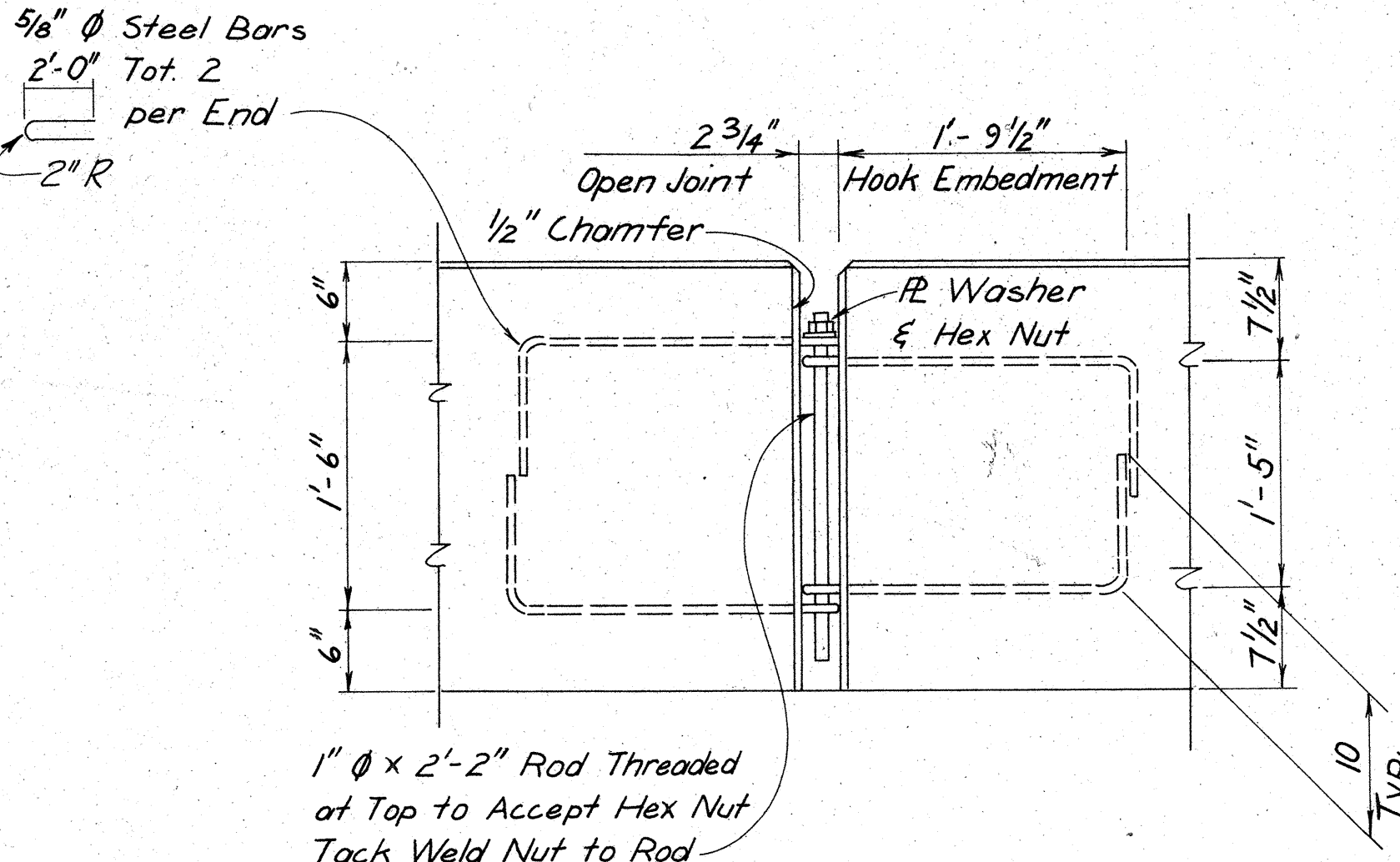


SECTION "D-D"



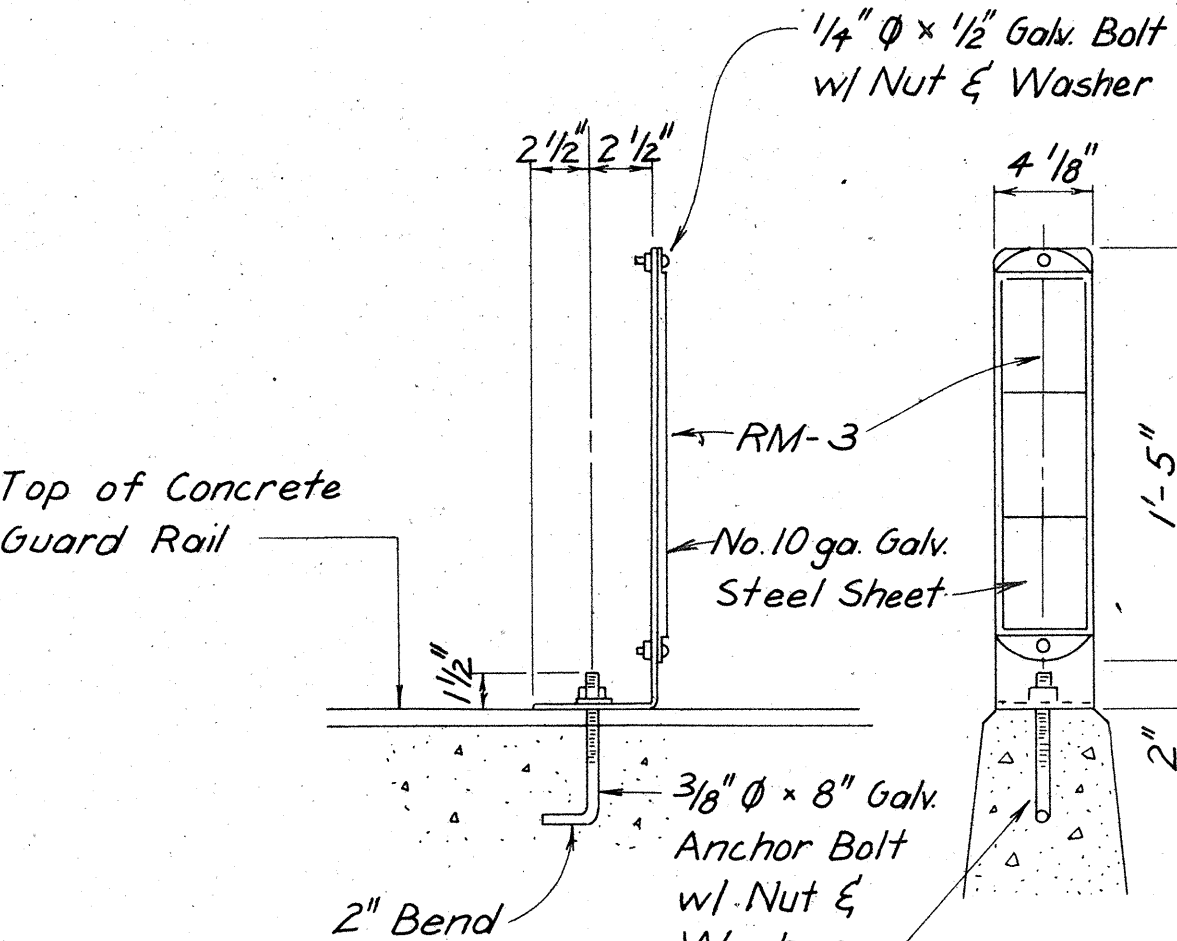
SECTION "A-A" GROUND INSTALLATION (Typical)

- NOTES**
1. For Details not shown in Sections B-B, C-C, & D-D, See Section A-A.
 2. Reflector Marker shall not be Paid for Separately but shall be Considered incidental to Portable Concrete Guard Rail.
 3. Concrete shall be Class "A"
 4. All Bolts to have Cut Washers unless otherwise noted.
 5. Construct Asphalt Concrete or Mortar Base where needed for proper setting of Guard Rail on Exist. Pavement & use aggregate base material on unpaved areas. Construction of base shall not be paid separately but shall be considered incidental to "Portable Concrete Guard Rail".



PIN CONNECTION DETAIL

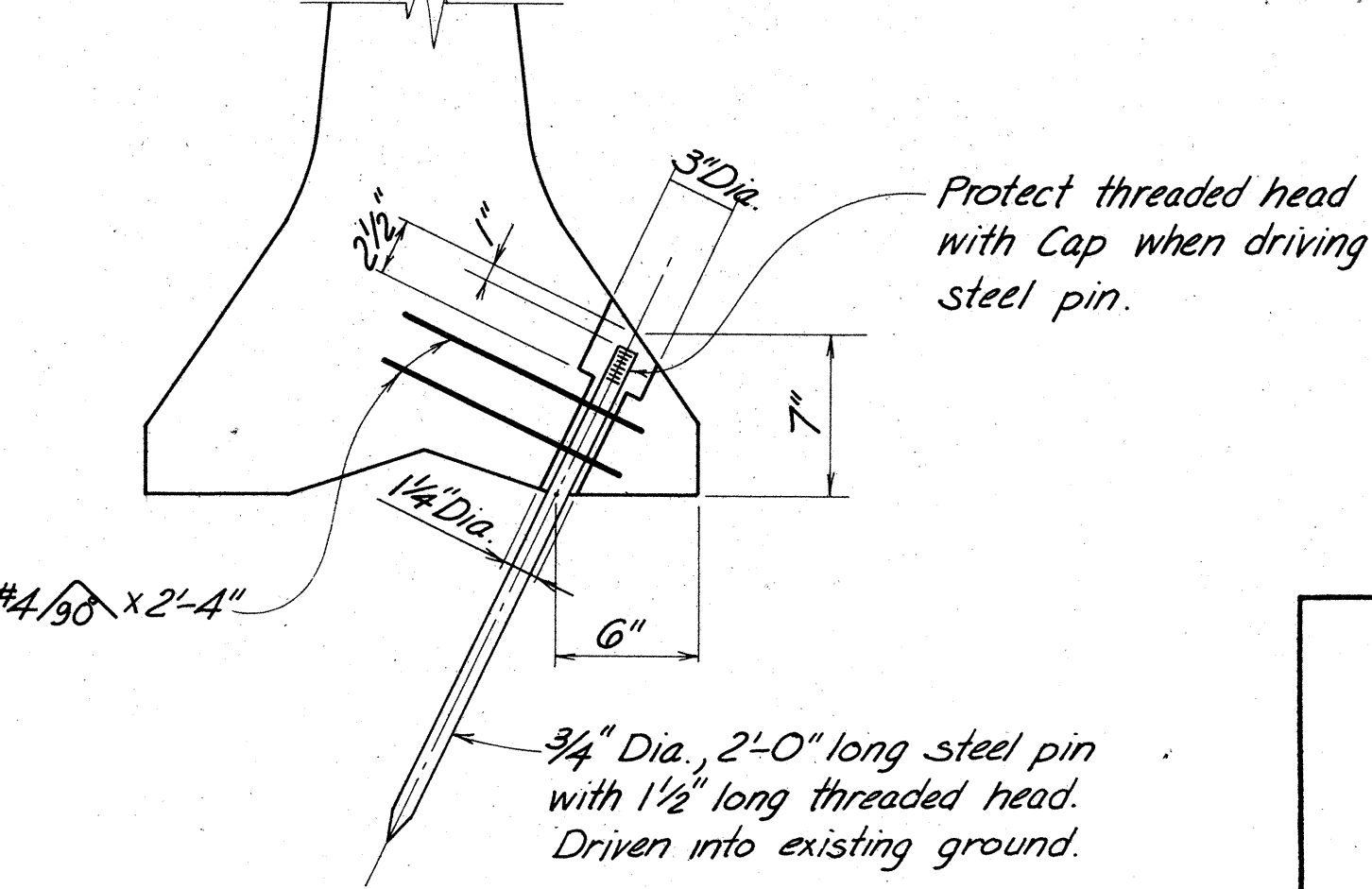
Scale: 1" = 1' - 0"



SIDE FRONT

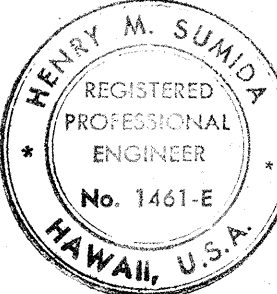
REFLECTOR MARKER MOUNTING DETAIL

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



DETAIL A - GROUND ANCHORAGE

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Henry M. Sumida

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PORTABLE CONCRETE
GUARD RAIL

AIRPORT INTERCHANGE
F.A.I. PROJ. I-HI-1 (12) 16

SCALE: AS SHOWN DATE: MAY 1, 1975

SHEET No. OF SHEETS