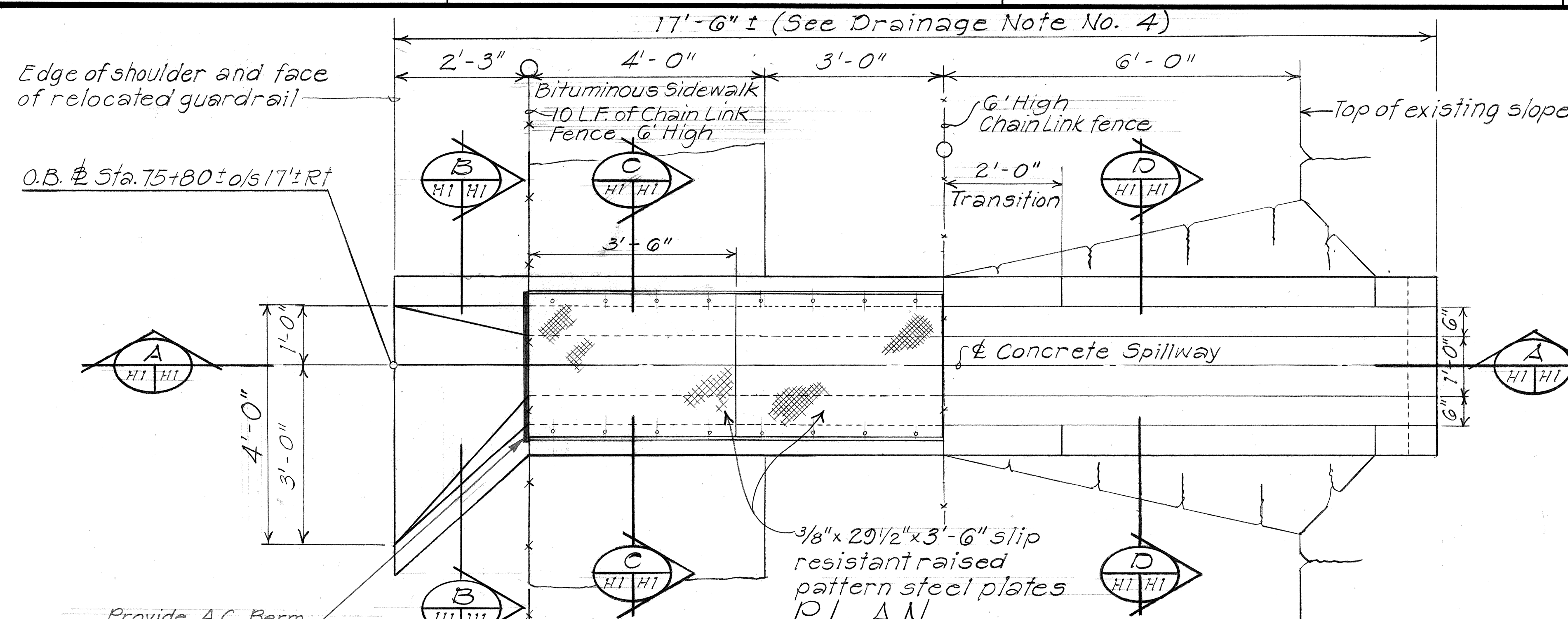


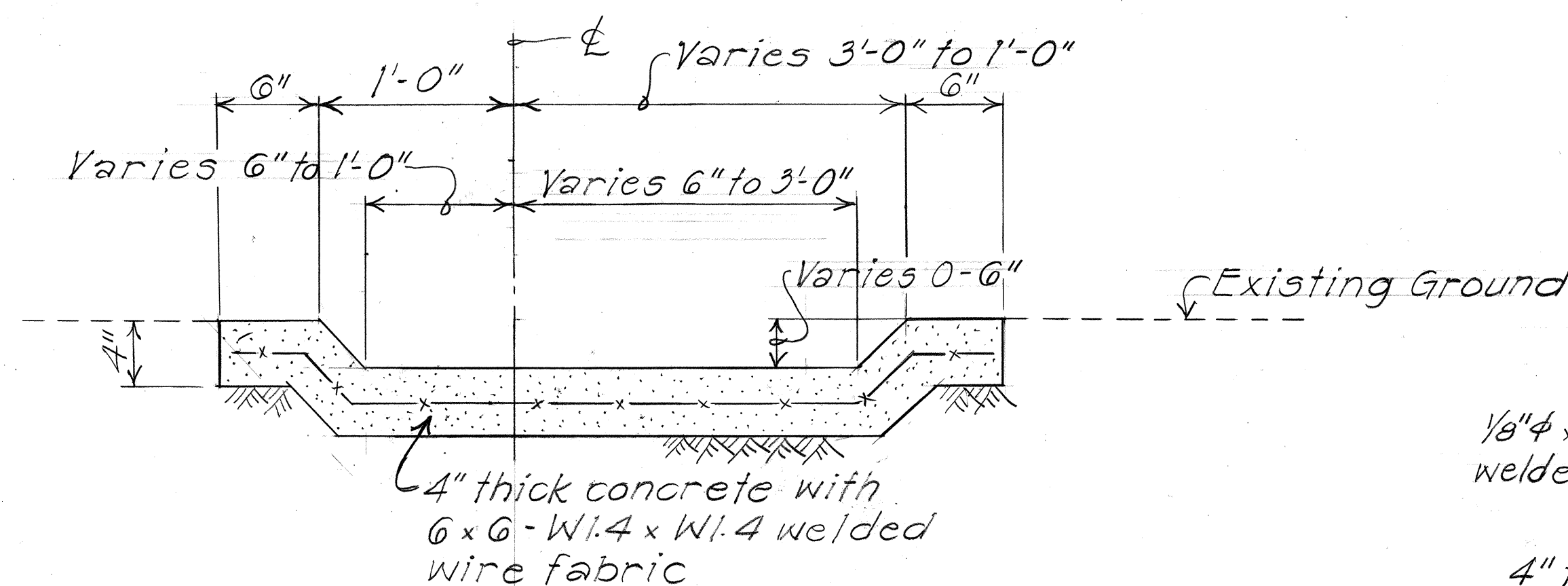
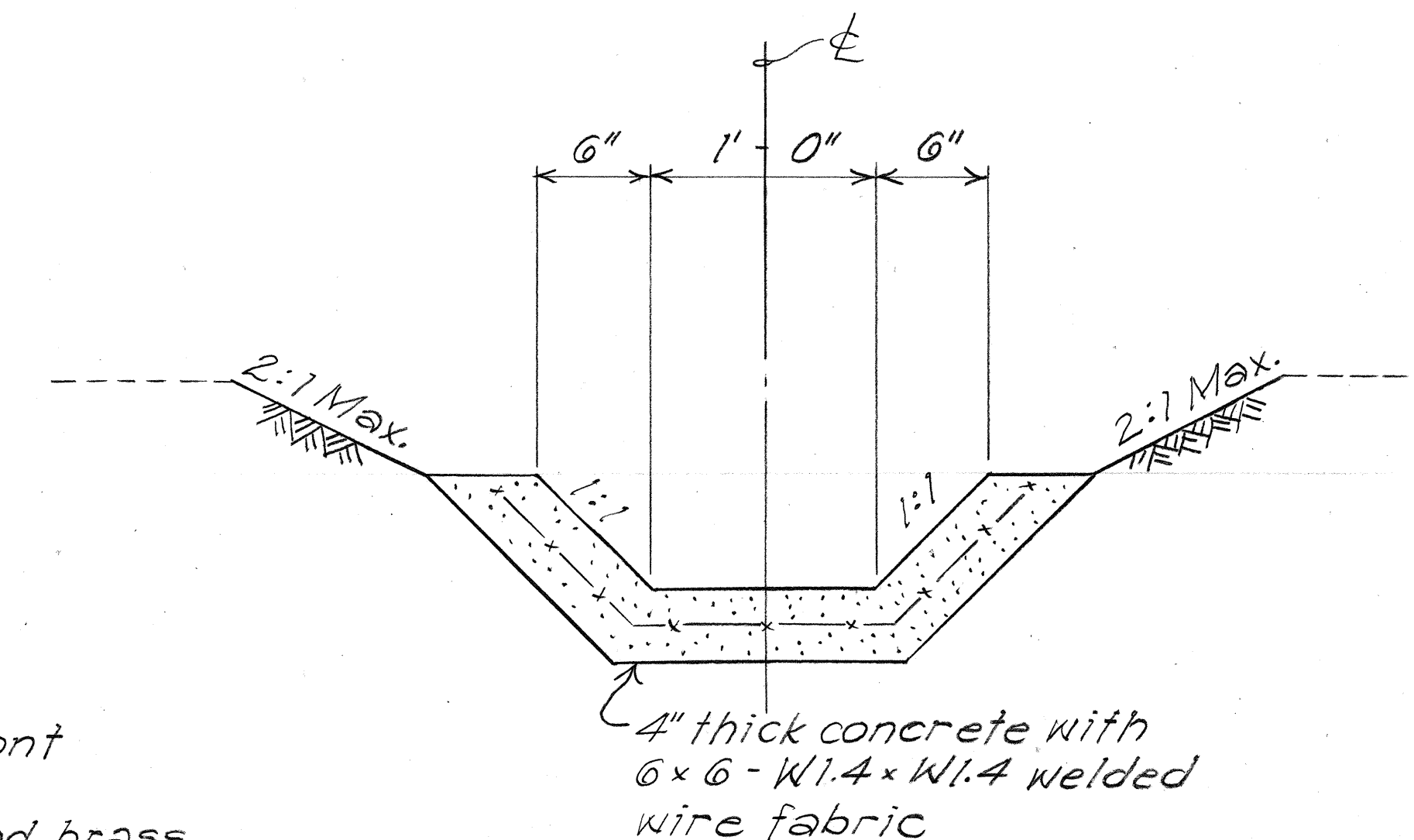
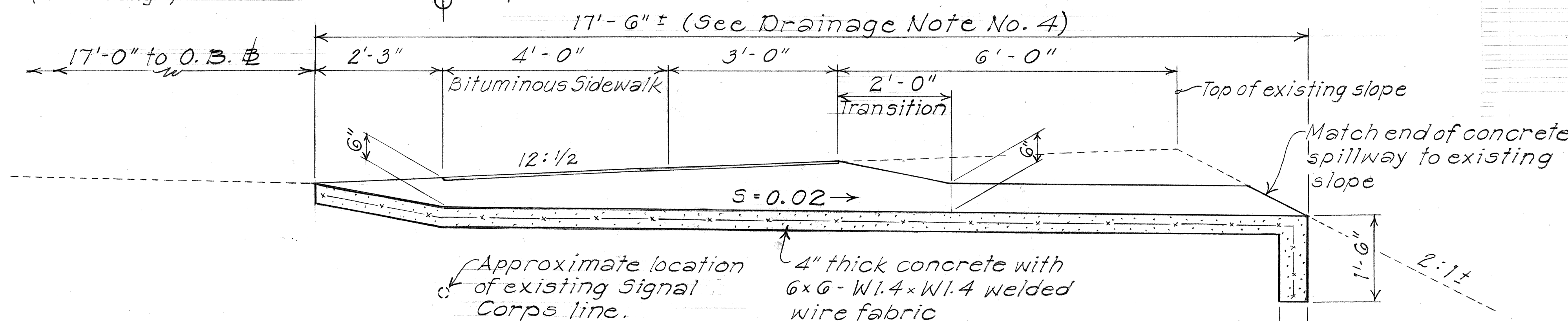
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	00C-01-87	1988	7	8

DRAINAGE NOTES:

- Existing drainage system shall be functional at all times during construction. Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various contract items.
- Contractor shall verify the locations of all existing culverts in the field. Any existing culverts damaged during construction shall be repaired or replaced by the contractor at his own expense.
- Plugging both ends of existing 18" RCP shall not be measured separately but shall be considered incidental to Item No. 605.5100 - Type "I" Catch Basin, 4.00 feet to 4.99 feet.
- Exact length of concrete spillway shall be determined by the engineer in the field.
- Concrete for concrete spillway shall be either Class A or Class B Concrete.
- Cleaning existing grated drop inlet and 18" RCP at O.B. ± Sta. 76+00 ± shall consist of removing and disposing all unwanted debris to the satisfaction of the engineer in the field.
- Steel plates and L for concrete spillway shall not be paid for separately but shall be considered incidental to Item No. 640.0200 - Concrete Spillway.

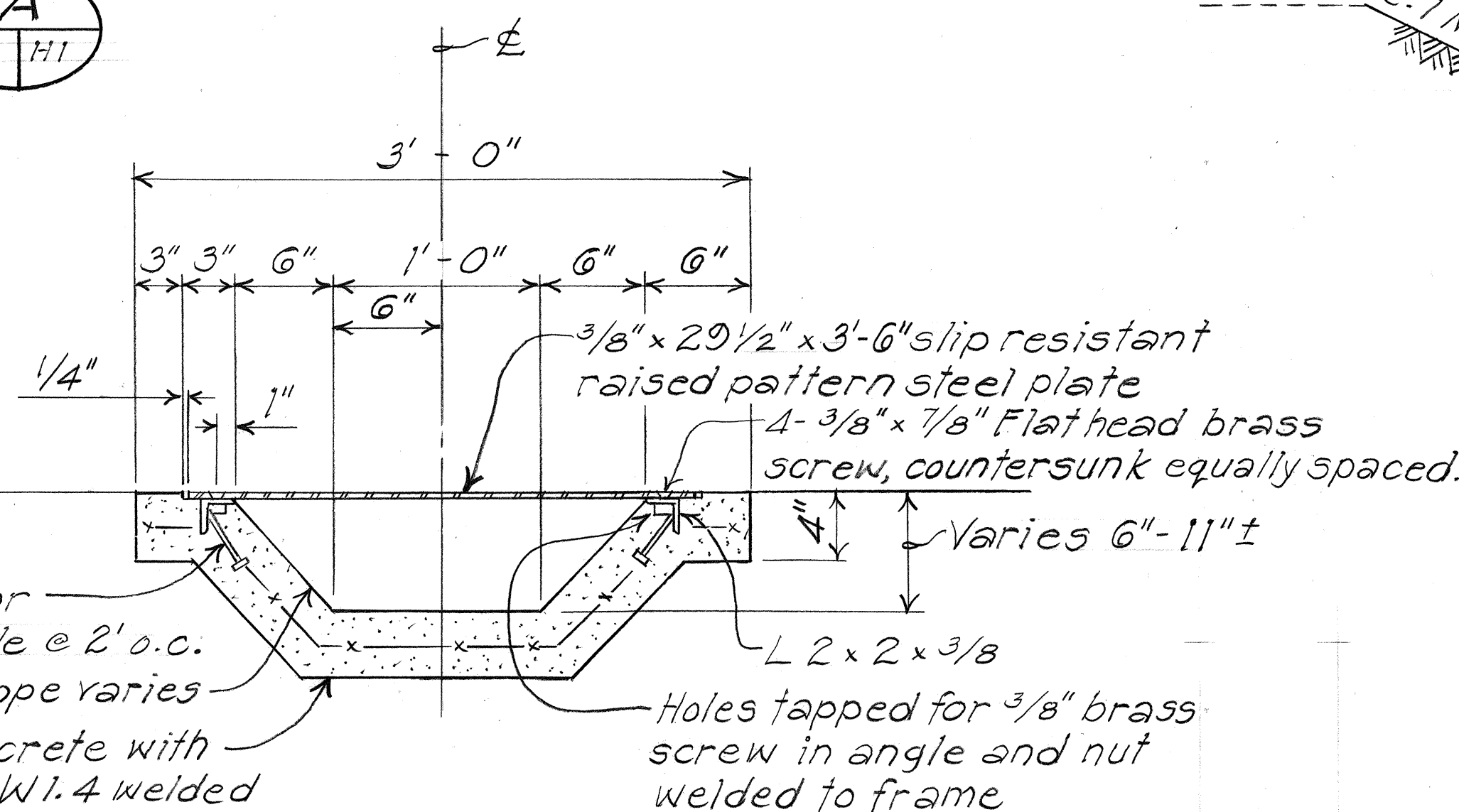


Provide A.C. Berm (Temporary) (Field Change)



1/8" x 3" anchor welded to angle @ 2' o.c. Slope varies

4" thick concrete with 6x6-W1.4xW1.4 welded wire fabric



DETAILS OF CONCRETE SPILLWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KAMEHAMEHA HWY. IMPROVEMENTS
Mililani Town to Waikalani Drive

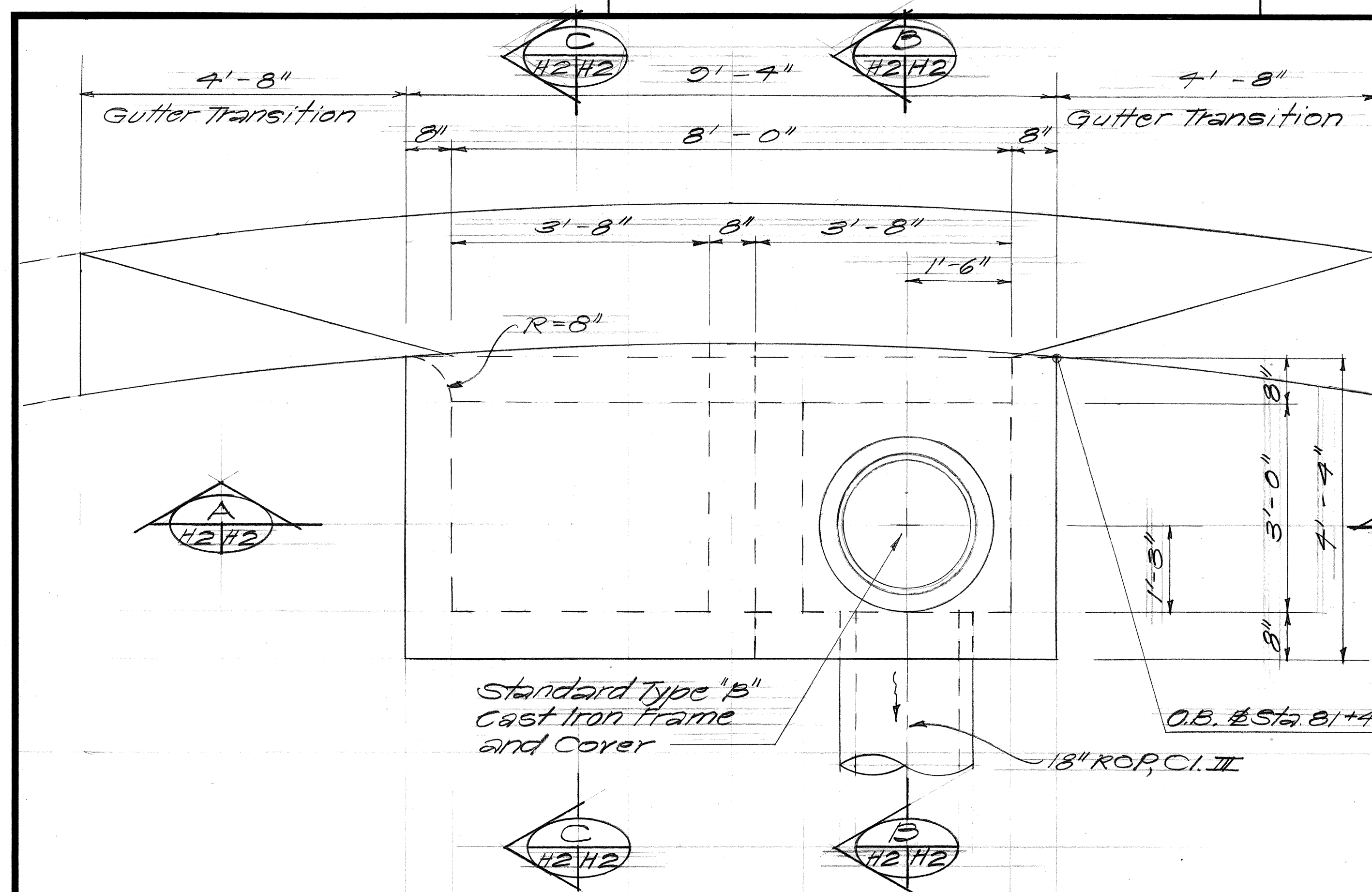
Project No. 00C-01-87

Scale: As Noted Date: May 1987

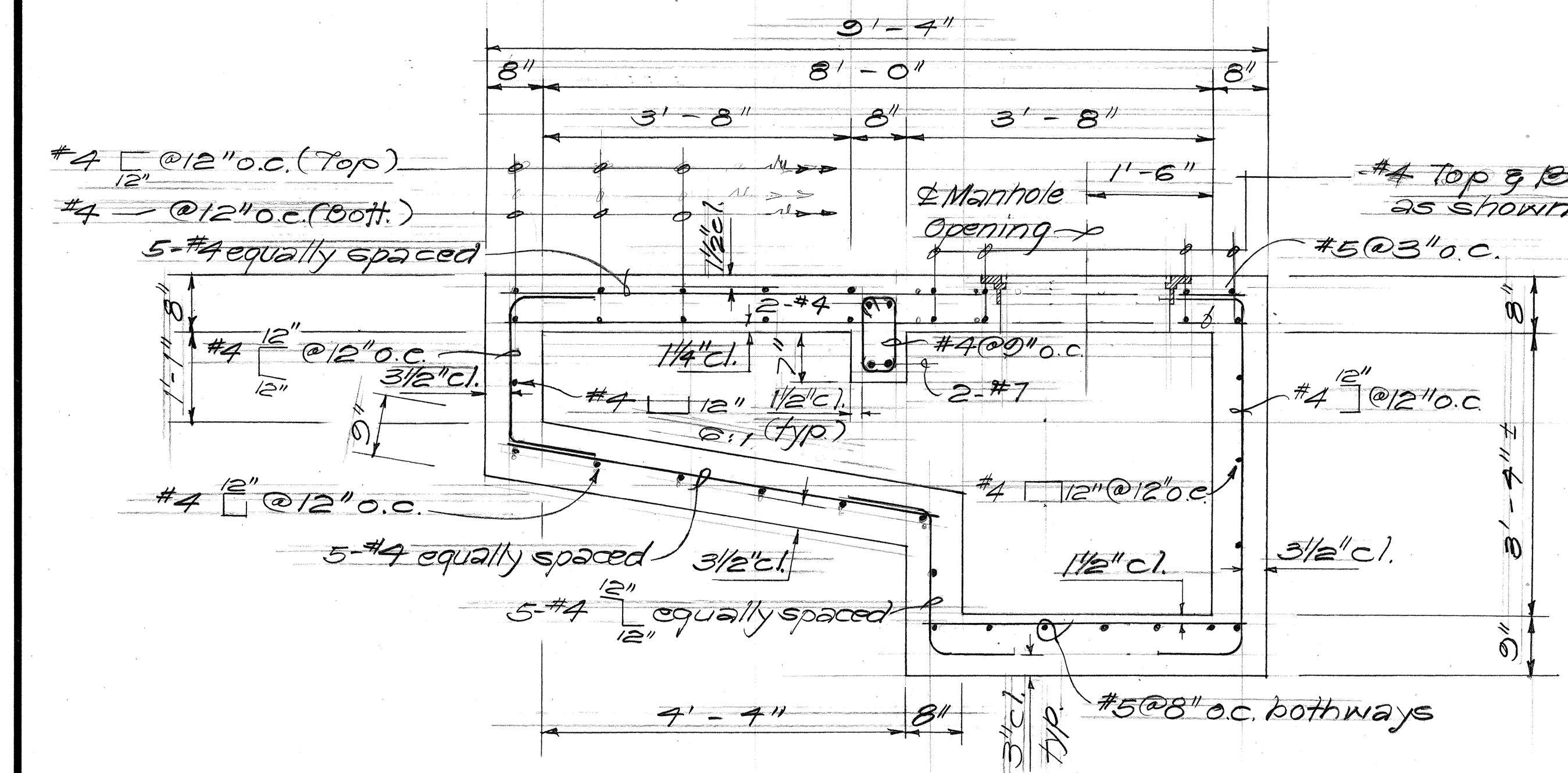
SHEET NO. 41 OF 2 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

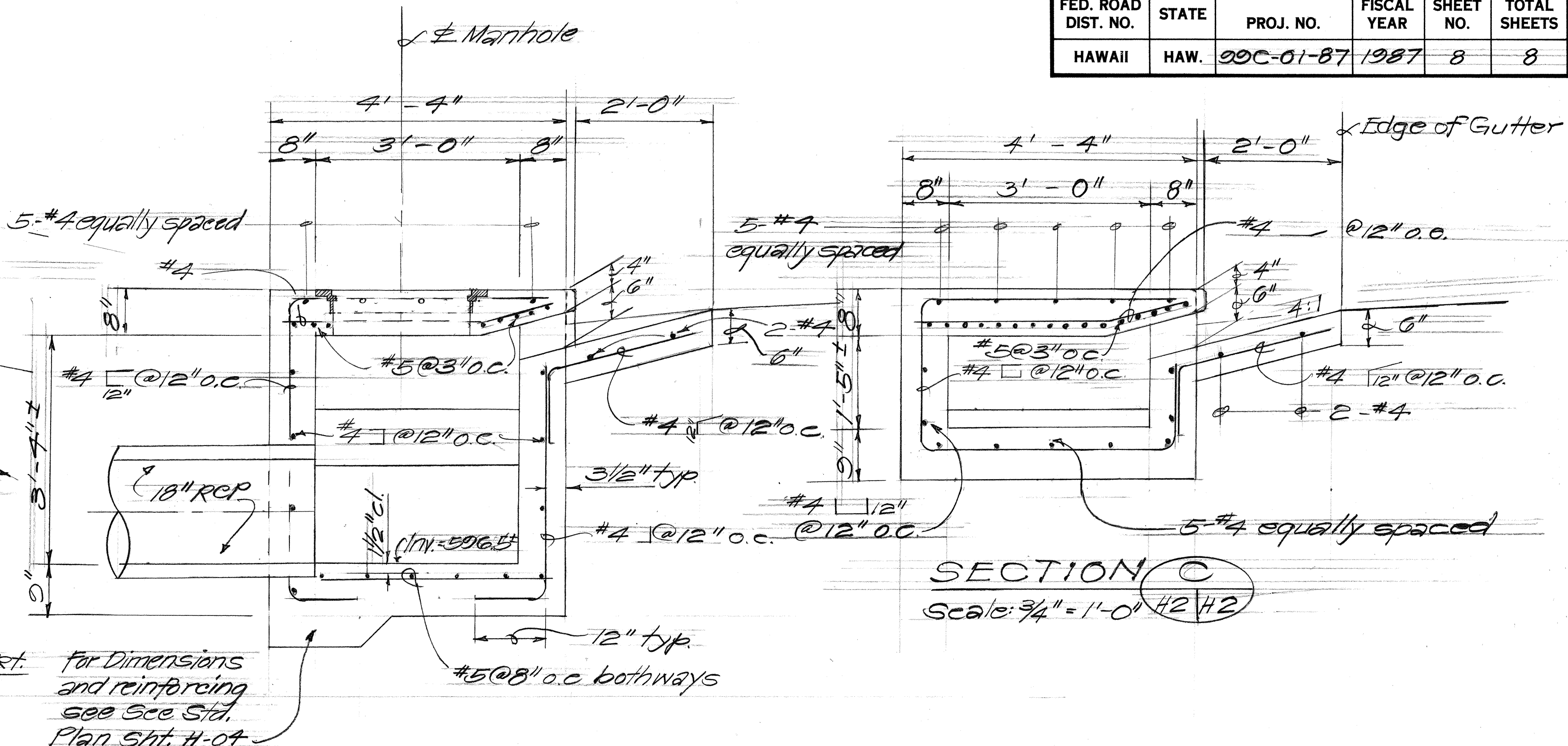
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HAWAII	HAW.	20C-01-87	1987	8	8



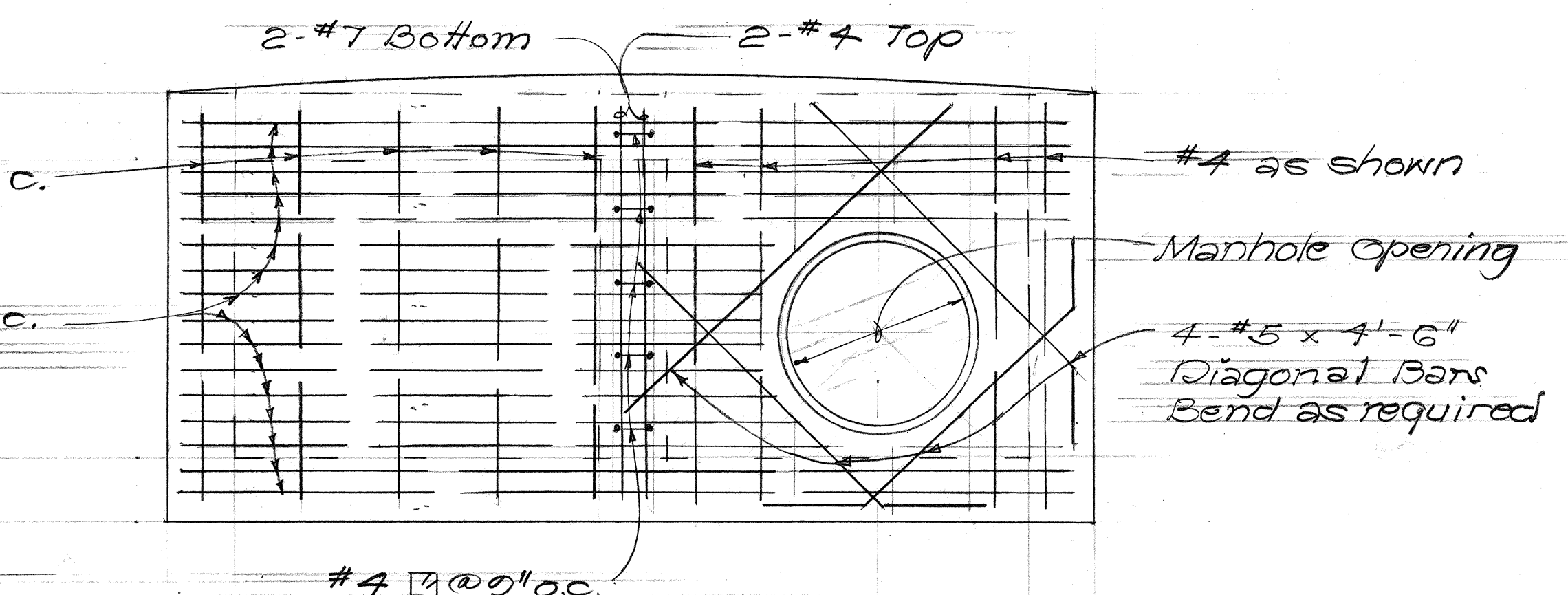
PLAN
Scale: 3/4" = 1'-0"



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



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



PLAN VIEW OF TOP SLAB REINFORCING
(BOTTOM LAYER)
Scale: 3/4" = 1'-0"

DETAILS OF TYPE "1" CATCH BASIN

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KAMEHAMEHA HWY. IMPROVEMENTS
Mililani Town to Waikalani Drive

Project No. 20C-01-87

Scale: As Noted Date: May, 1987

SHEET NO. H2 OF 2 SHEETS

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	