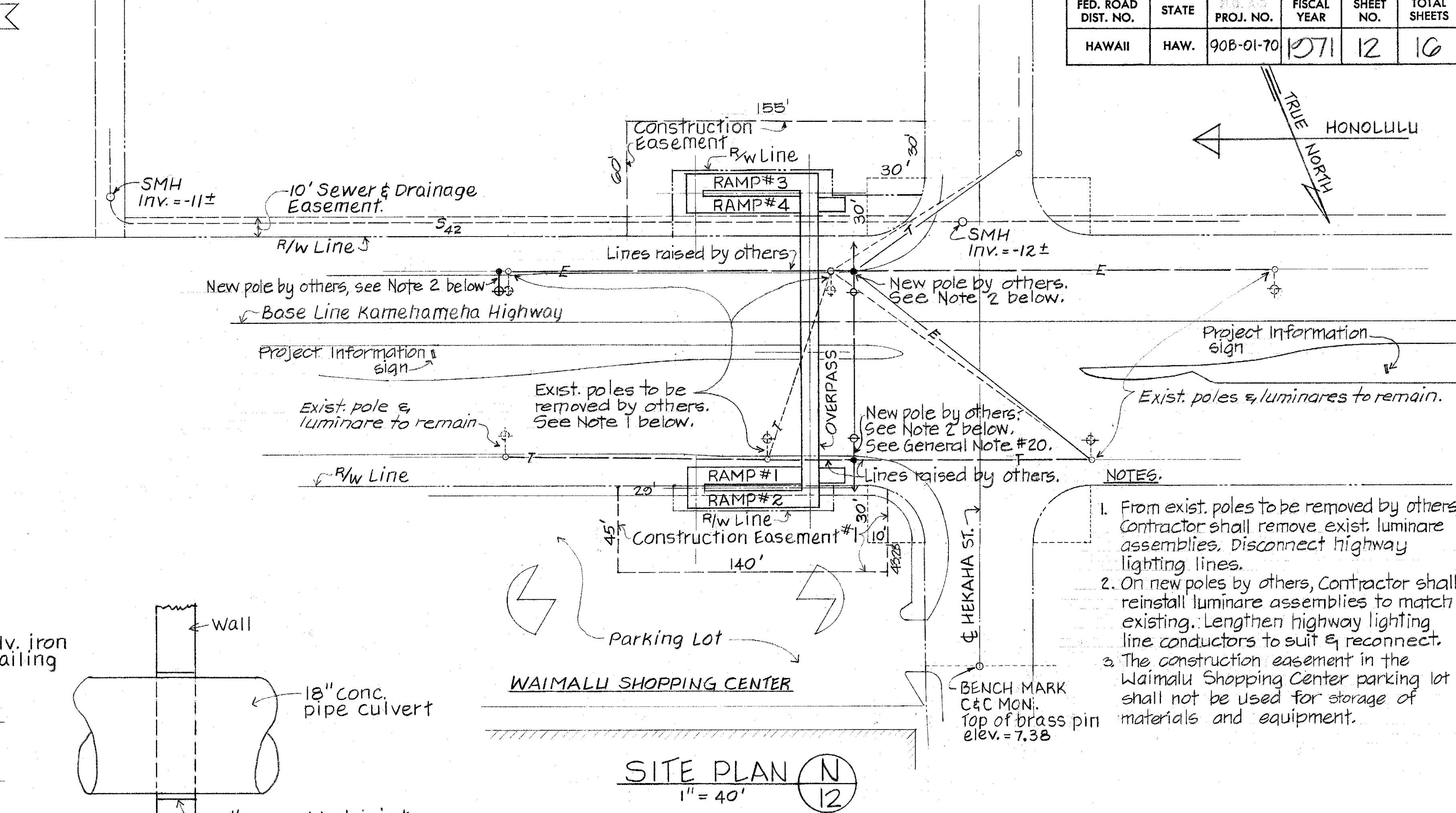
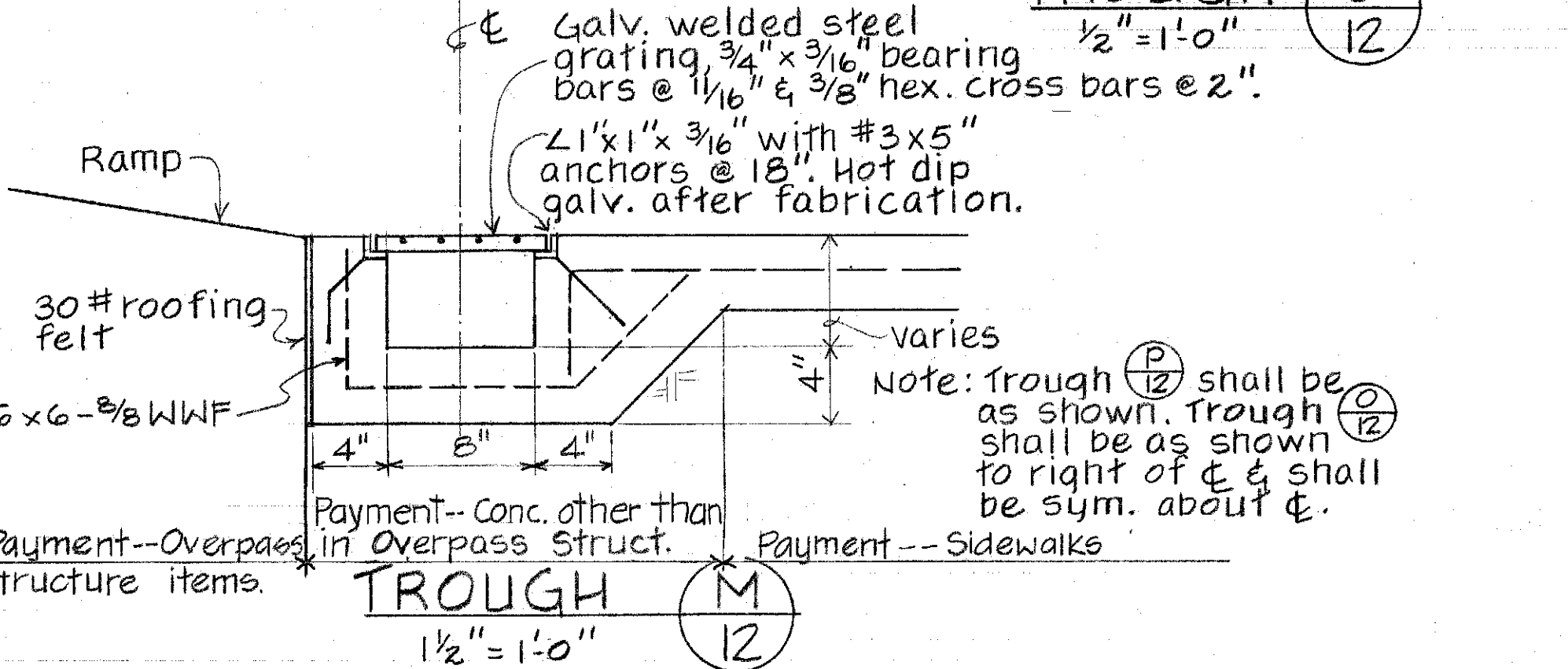
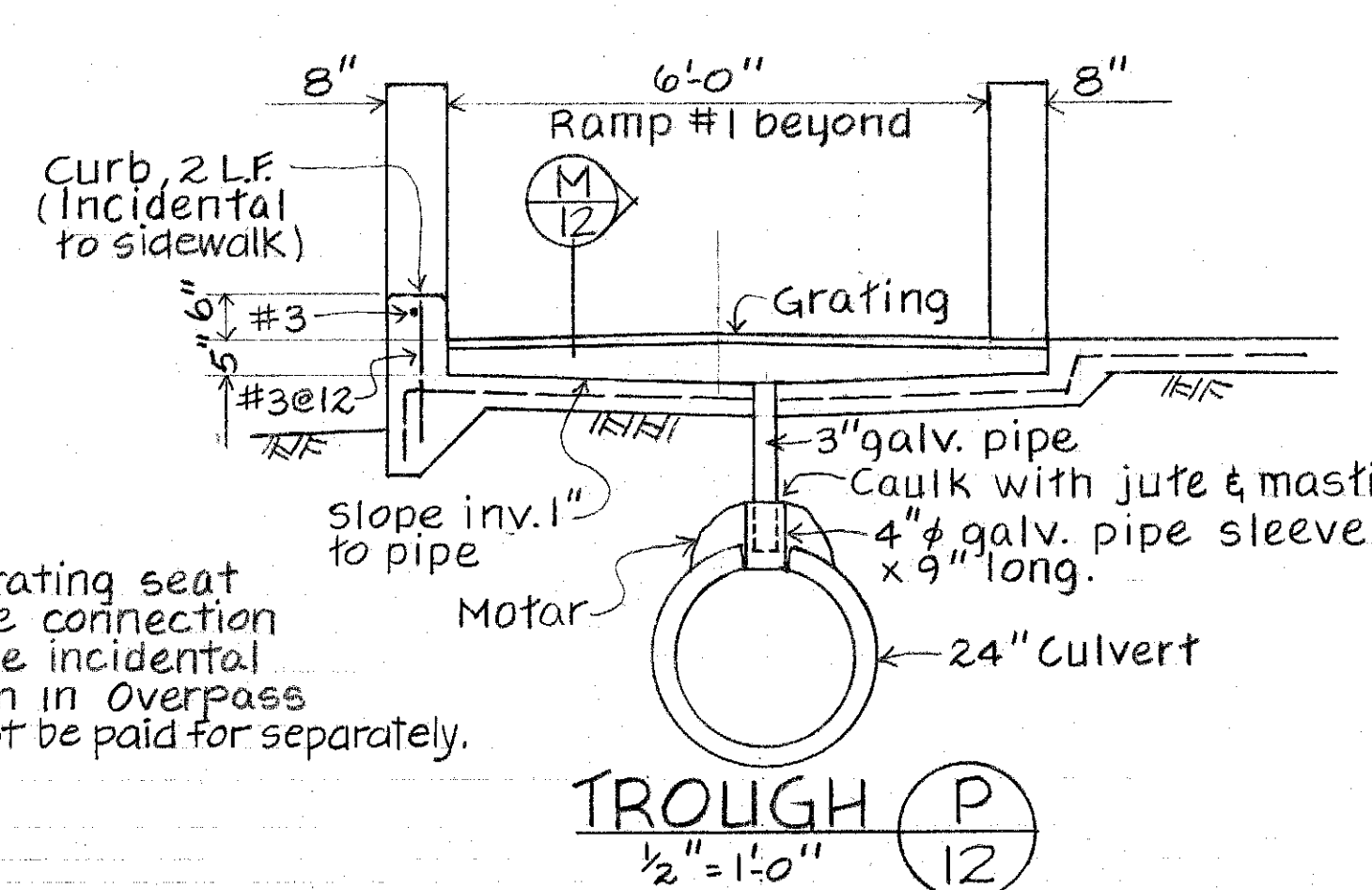
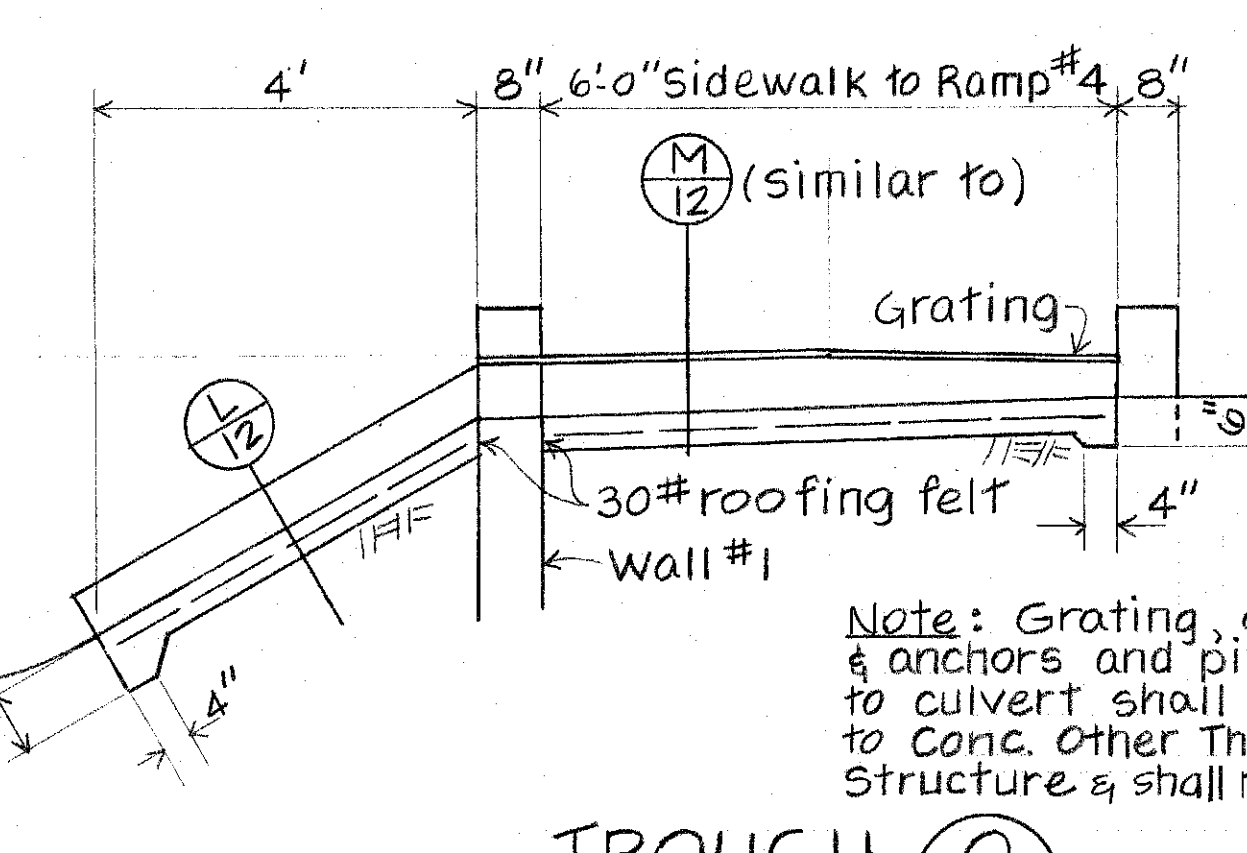
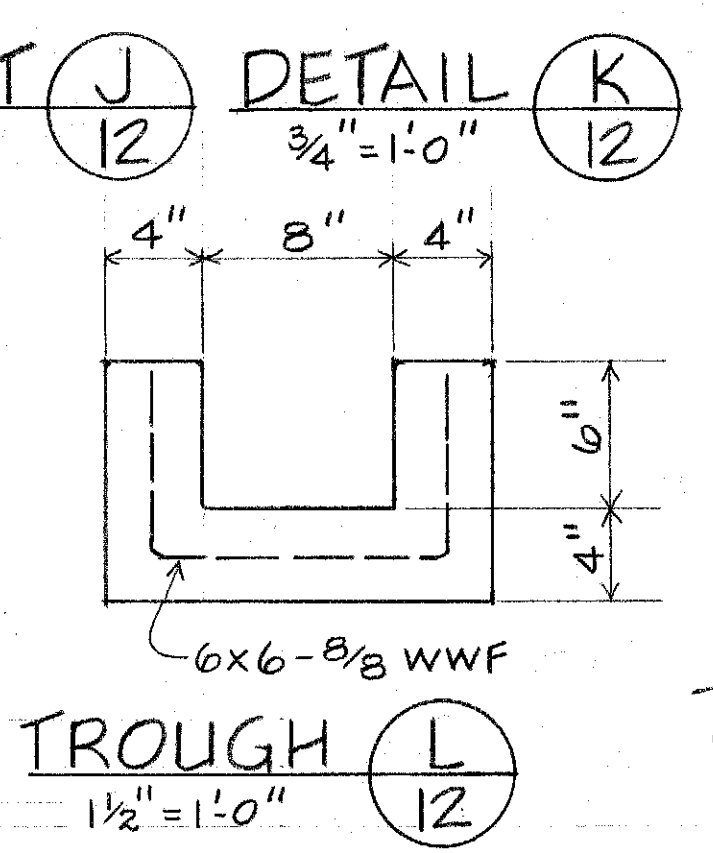
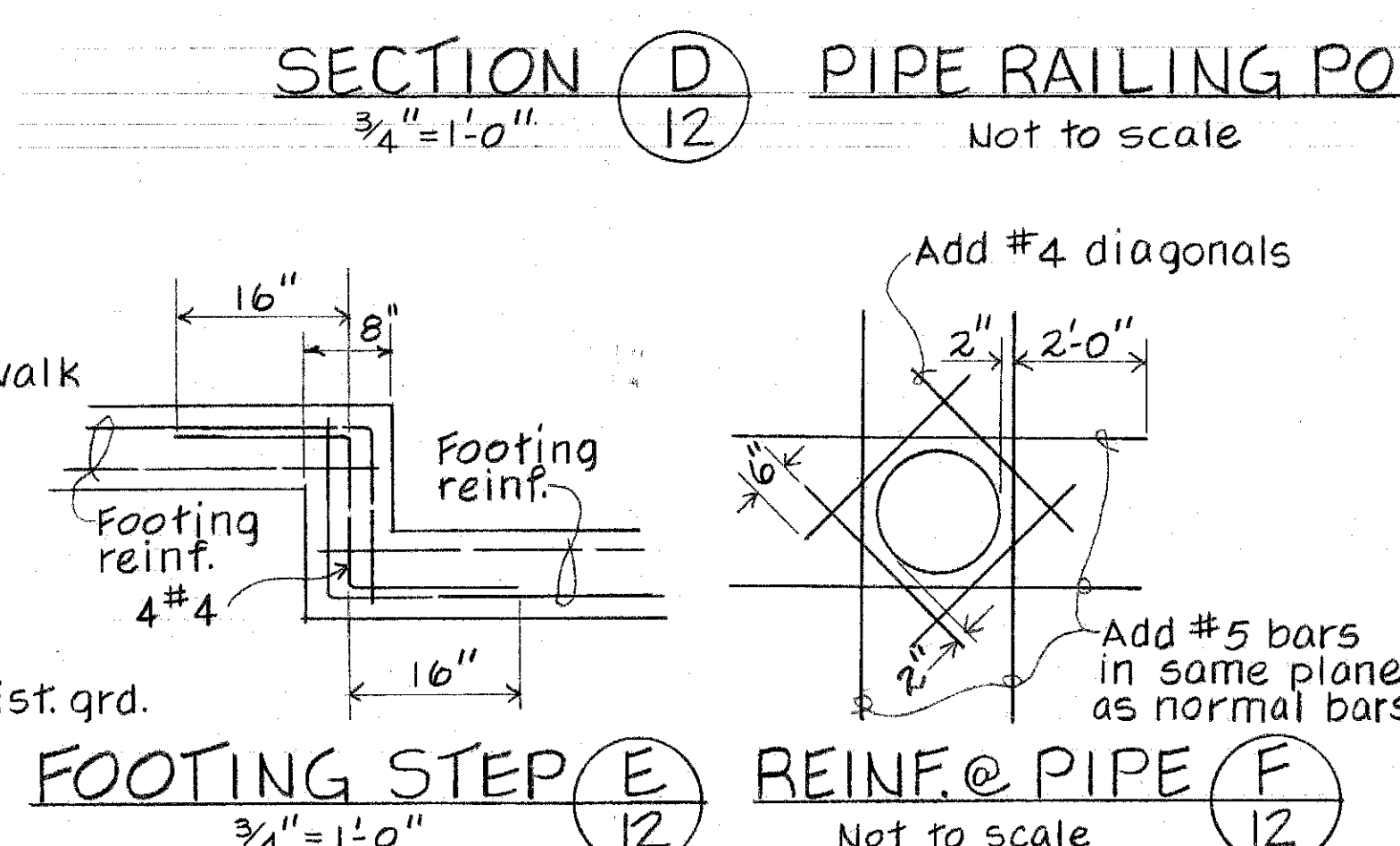
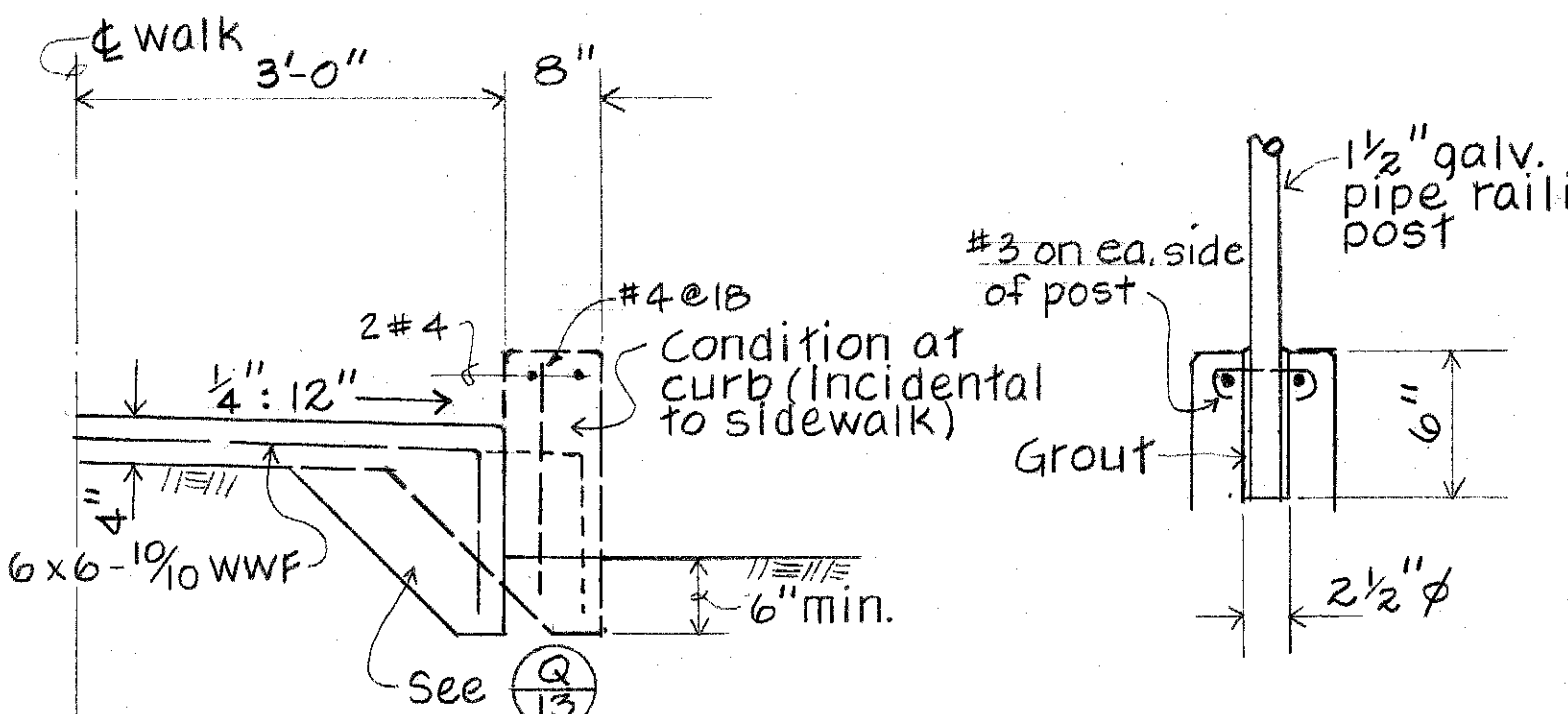
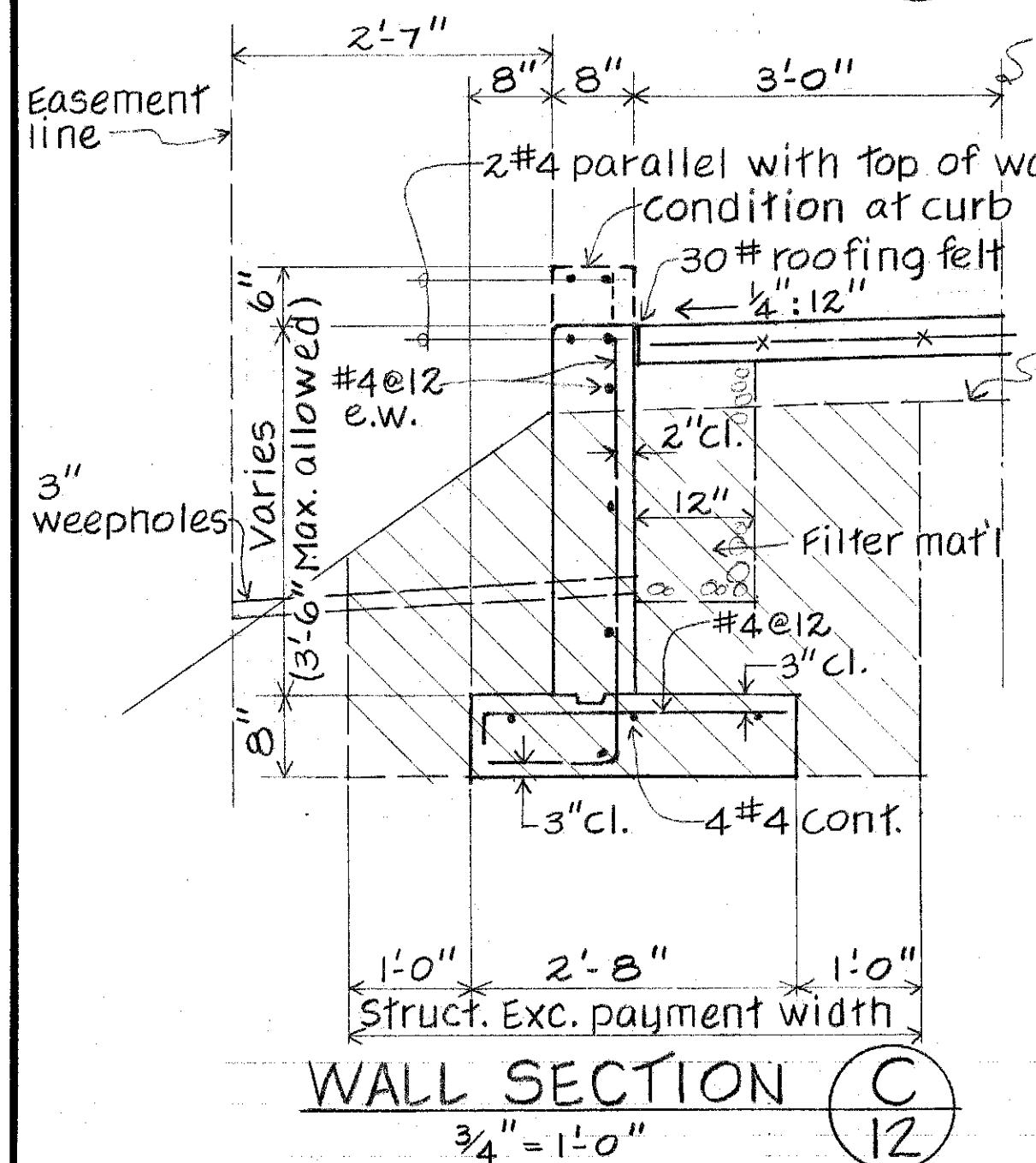
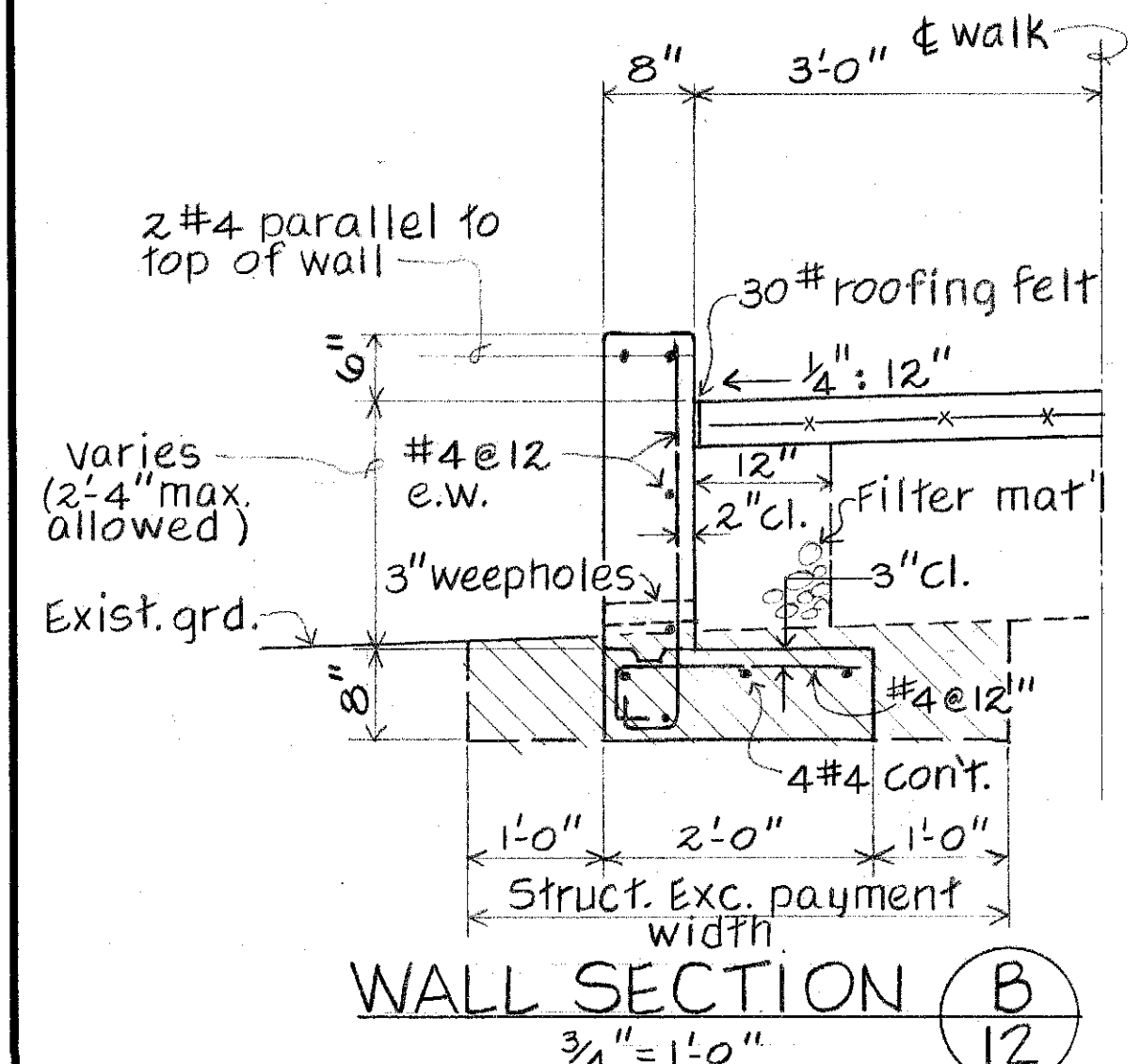
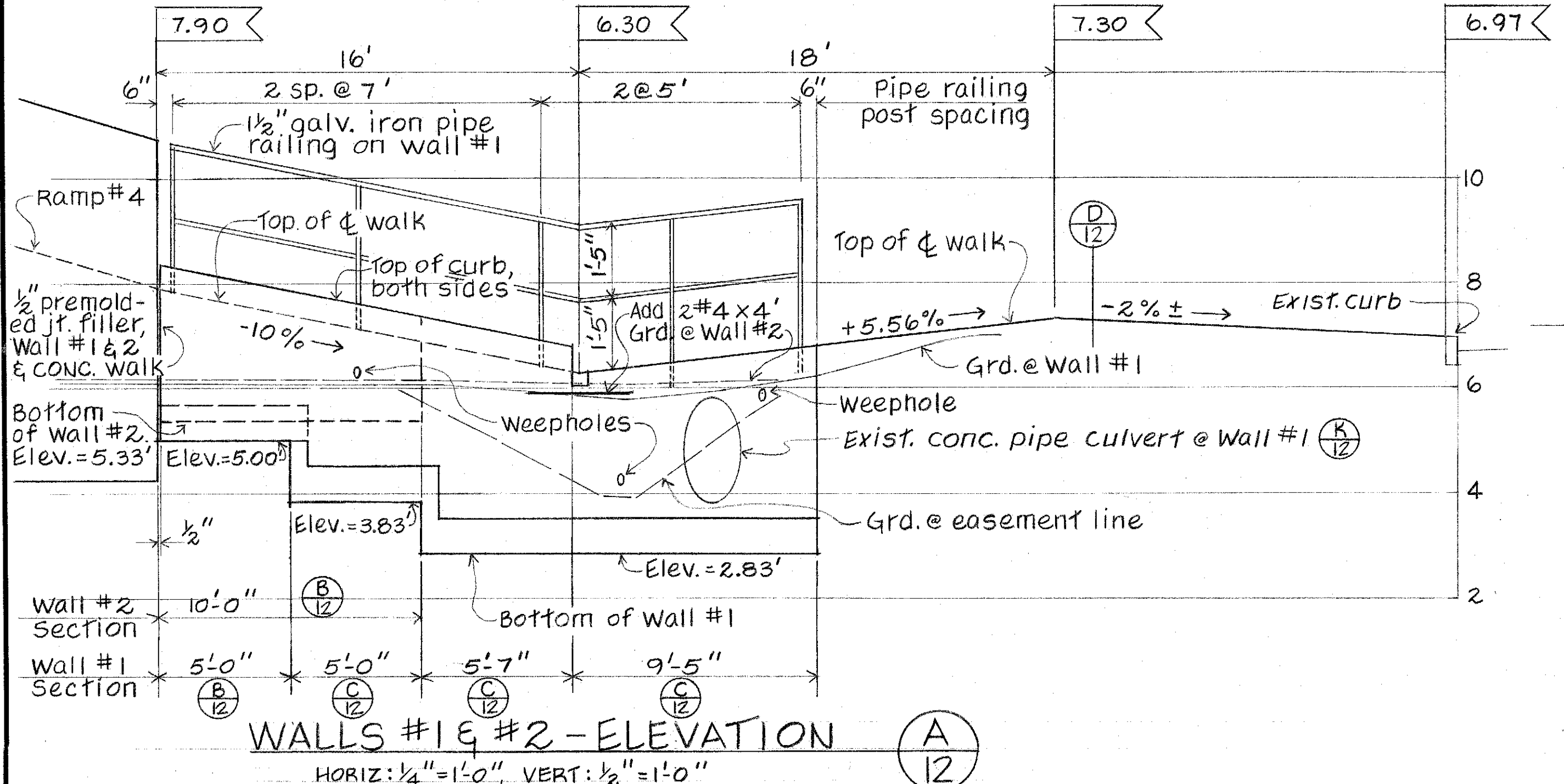


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	90B-01-70	1971	12	16



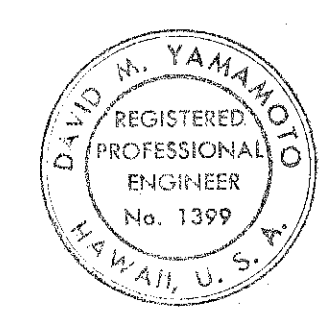
- NOTES.**
1. From exist. poles to be removed by others, Contractor shall remove exist. luminaire assemblies. Disconnect highway lighting lines.
 2. On new poles by others, Contractor shall reinstall luminaire assemblies to match existing. Lengthen highway lighting line conductors to suit & reconnect.
 3. The construction easement in the Waimalu Shopping Center parking lot shall not be used for storage of materials and equipment.

DATE	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN & CIVIL DETAILS
WAIMALU PEDESTRIAN OVERPASS
PROJECT NO. 90B-01-70

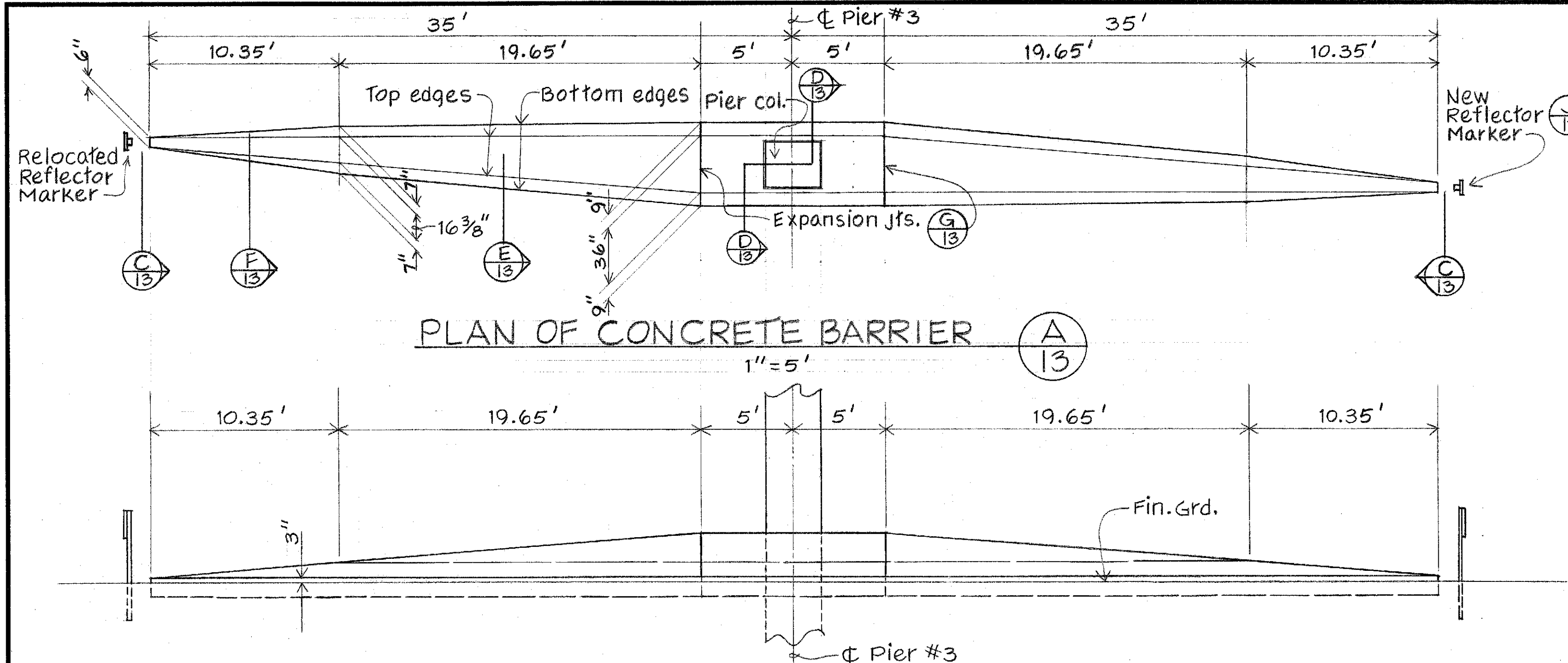
SHEET No. 1 OF 2 SHEETS



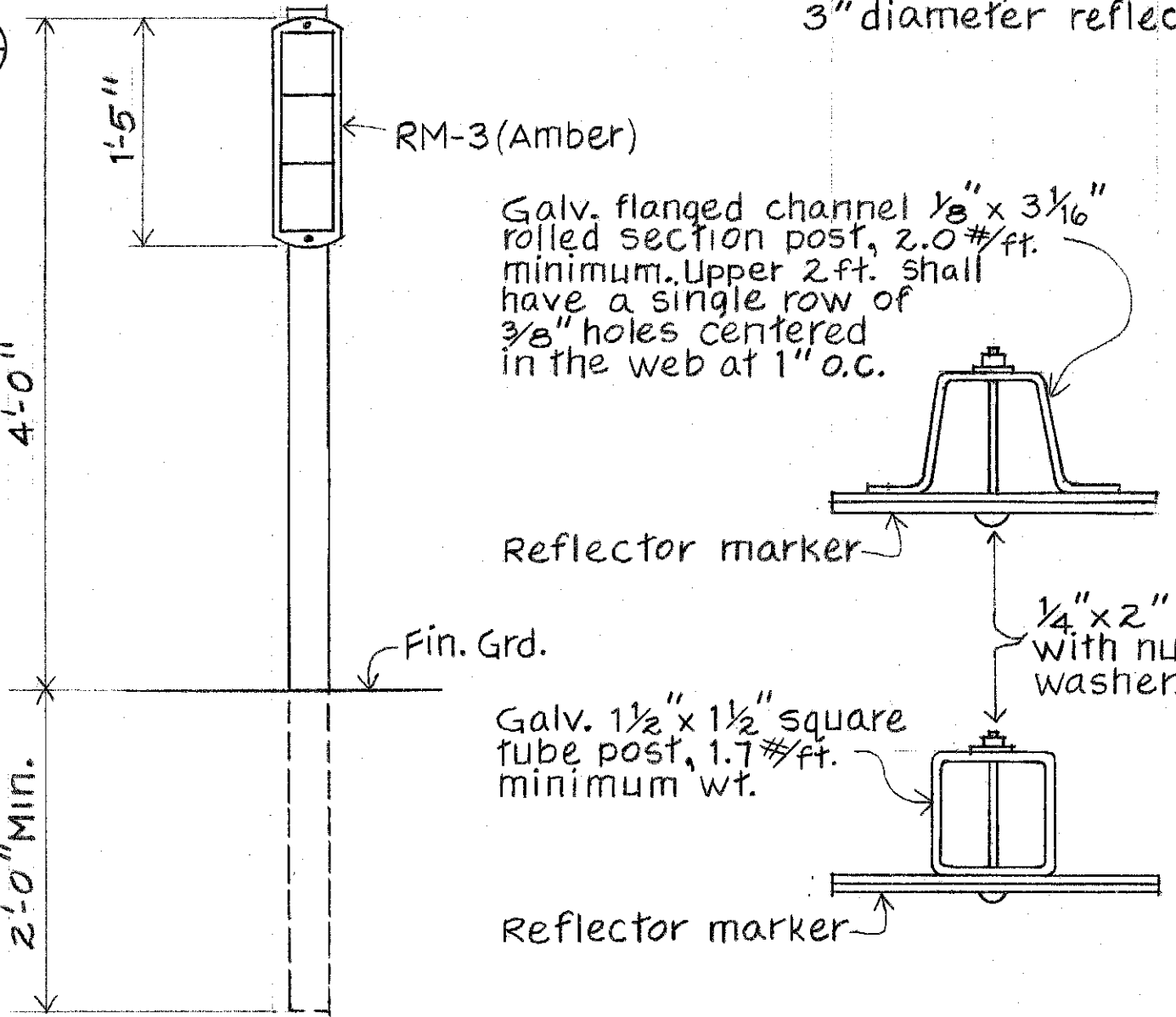
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
David M. Yamamoto

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	90B-01-70	1971	13	16

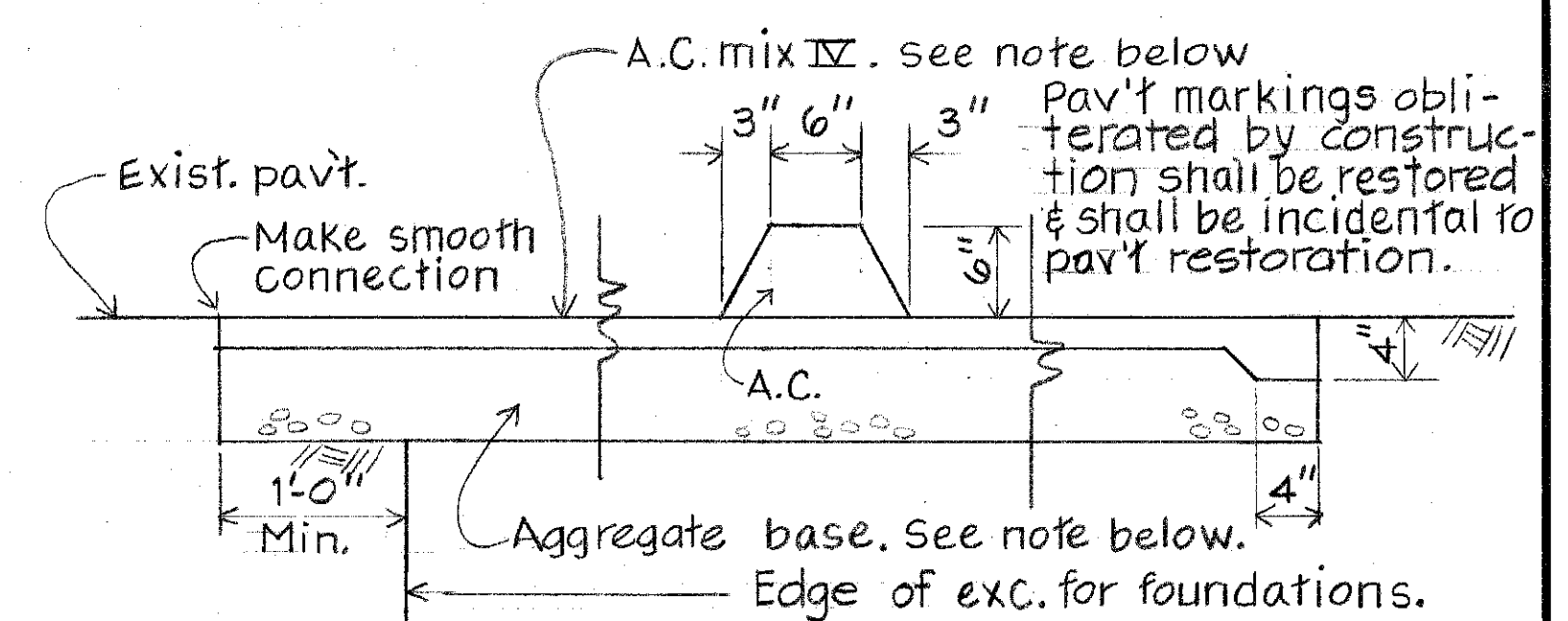
Notes:
1. Reflector markers RM-3 shall be glass sphere reflector markers with 4" x 5" reflector units as shown or prismatic reflector markers with 3" diameter reflector units.



PLAN OF CONCRETE BARRIER (A) 1" = 5'

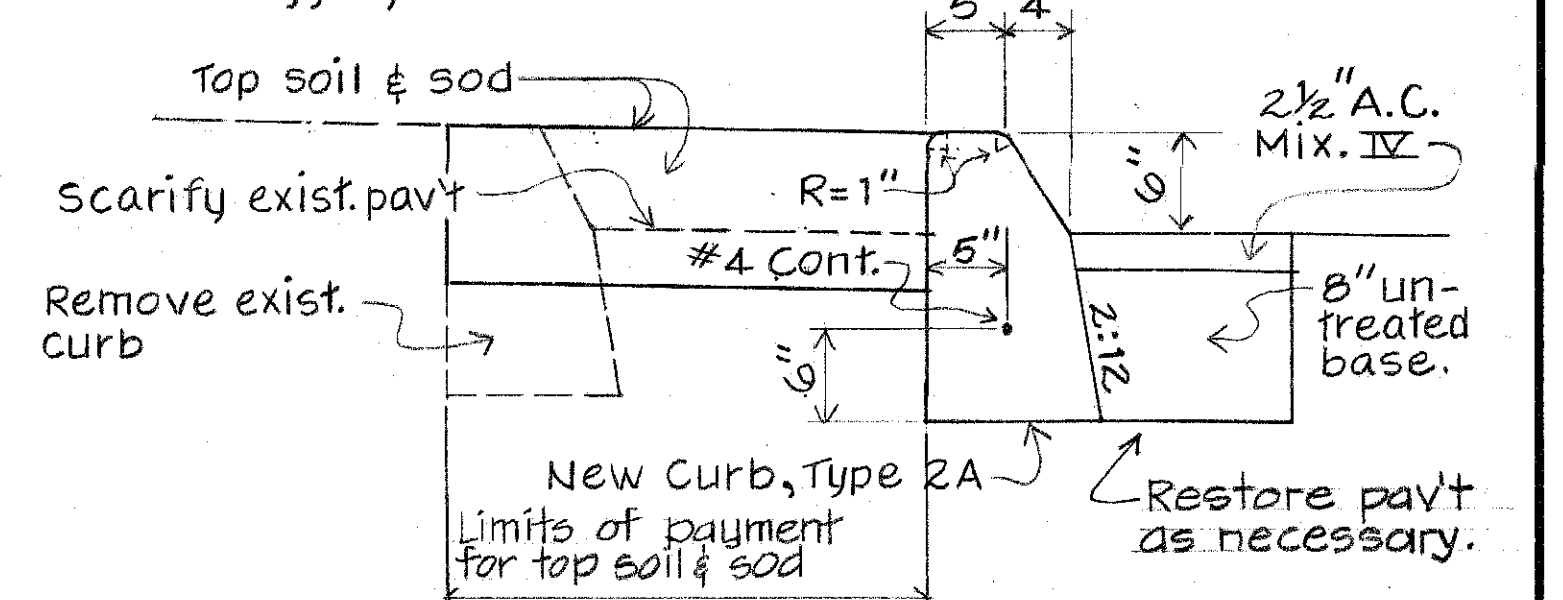


ELEVATION REFLECTOR MARKER (J) No Scale

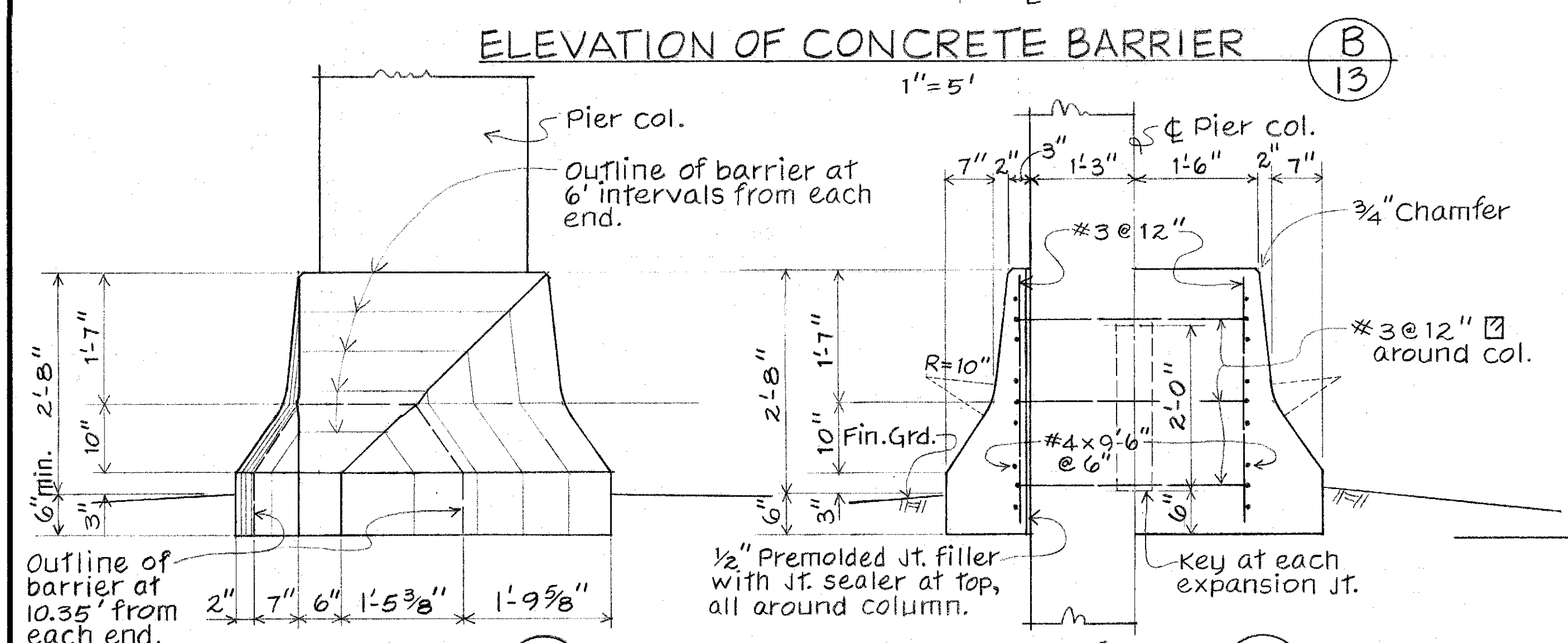


CONNECTION CURB TYPE 6 EDGE RESTORATION OF A.C. PAV'T & CURB (K) 1" = 1'-0"

Note:
Waimalu Shopping Center parking lot: 2" A.C. & 6" base.
Kamehameha Highway: 2 1/2" A.C. & 8" aggregate base on 8" aggregate subbase.

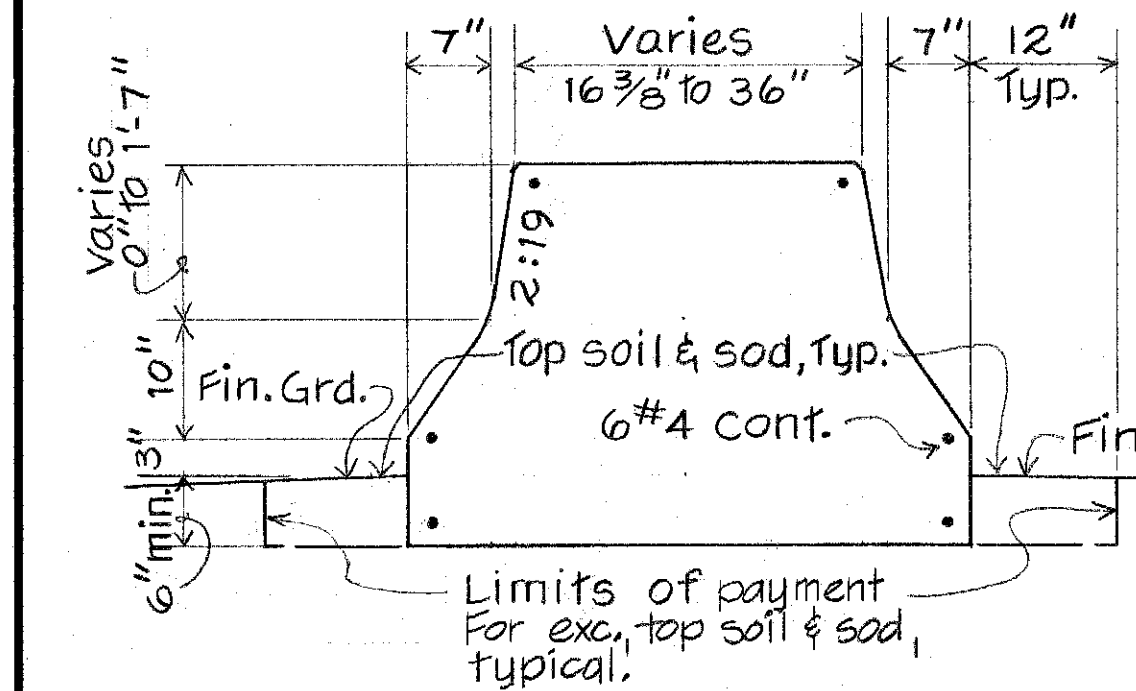


DETAIL (L) 1" = 1'-0"

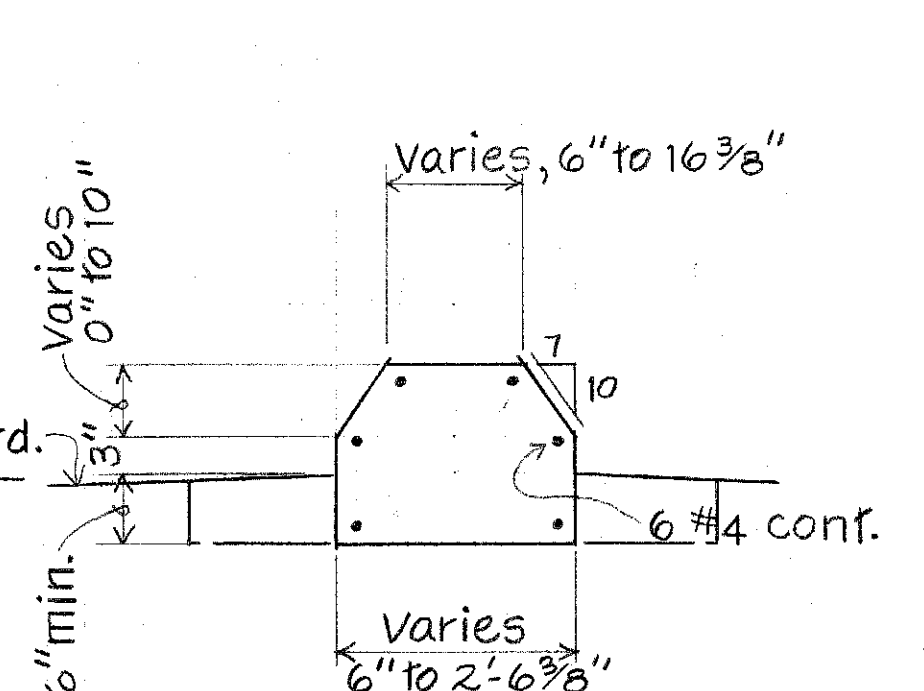


SECTION (C) 3/4" = 1'-0"

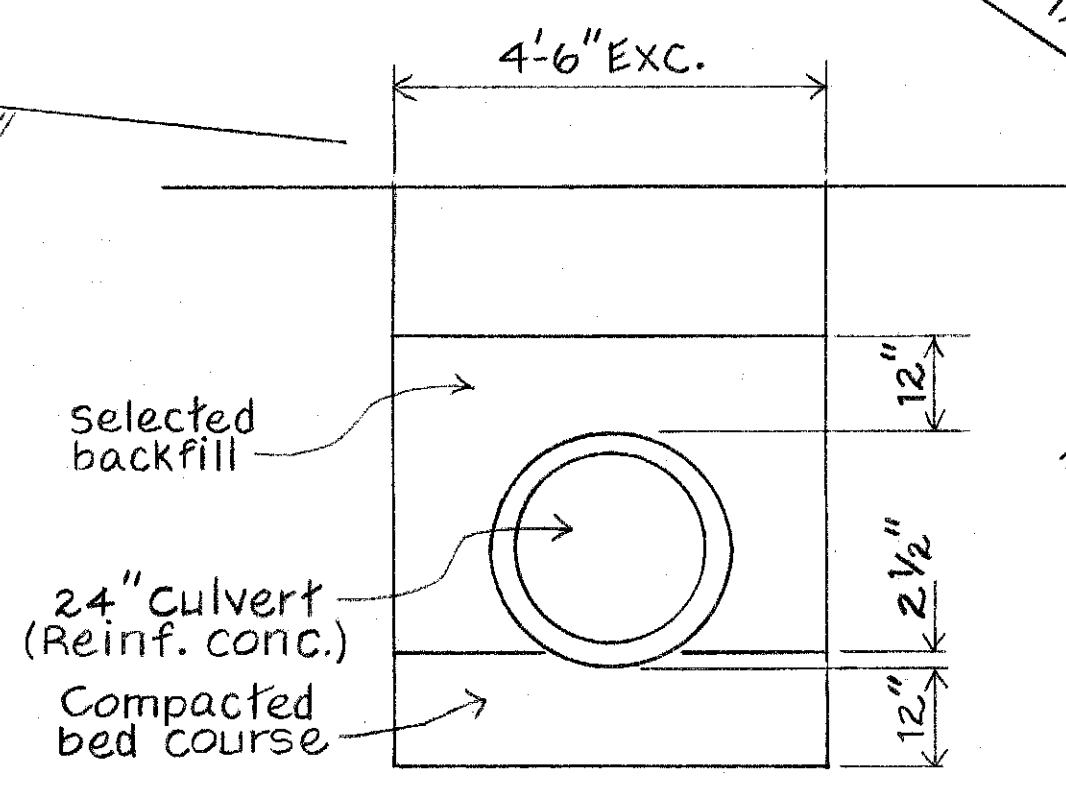
SECTION (D) 3/4" = 1'-0"



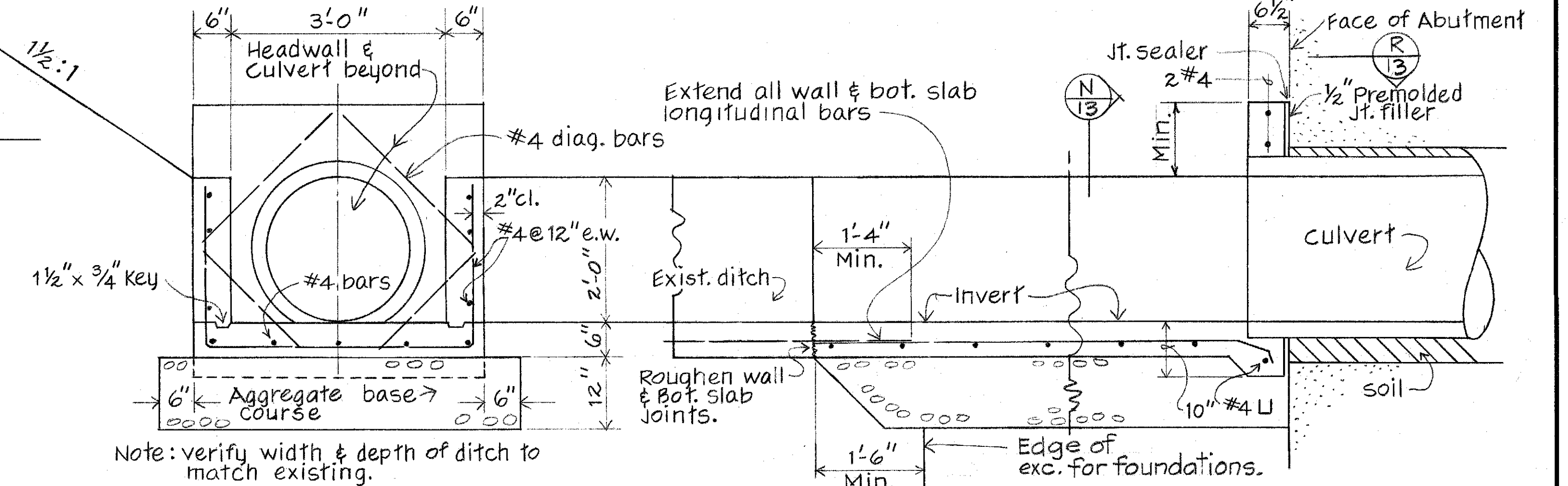
SECTION (E) 3/4" = 1'-0"



SECTION (F) 3/4" = 1'-0"



RESTORATION ~ CULVERT TRENCH (M) 1/2" = 1'-0"

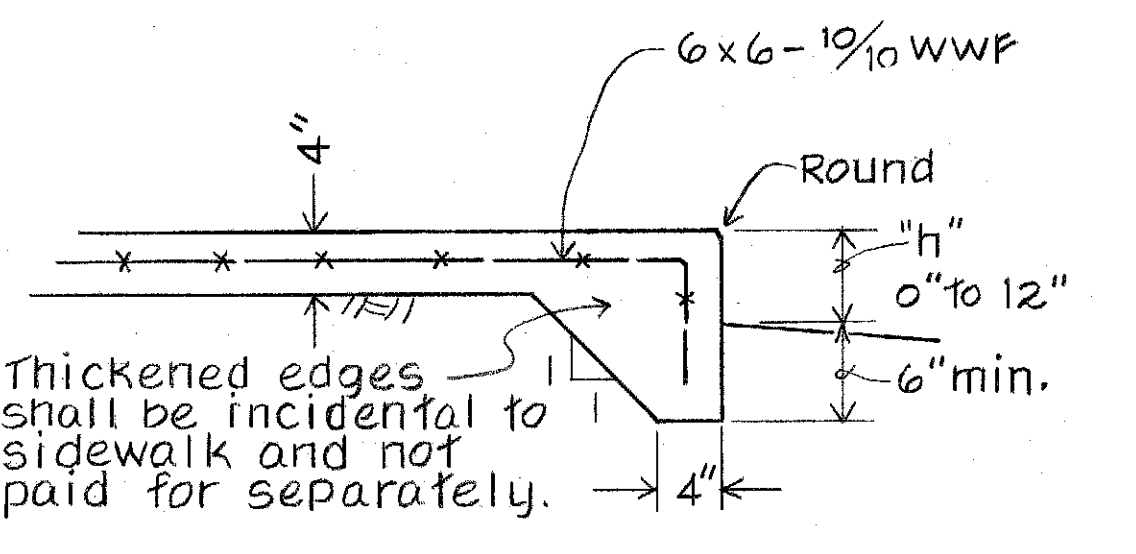


DITCH SECTION (N) 3/4" = 1'-0"

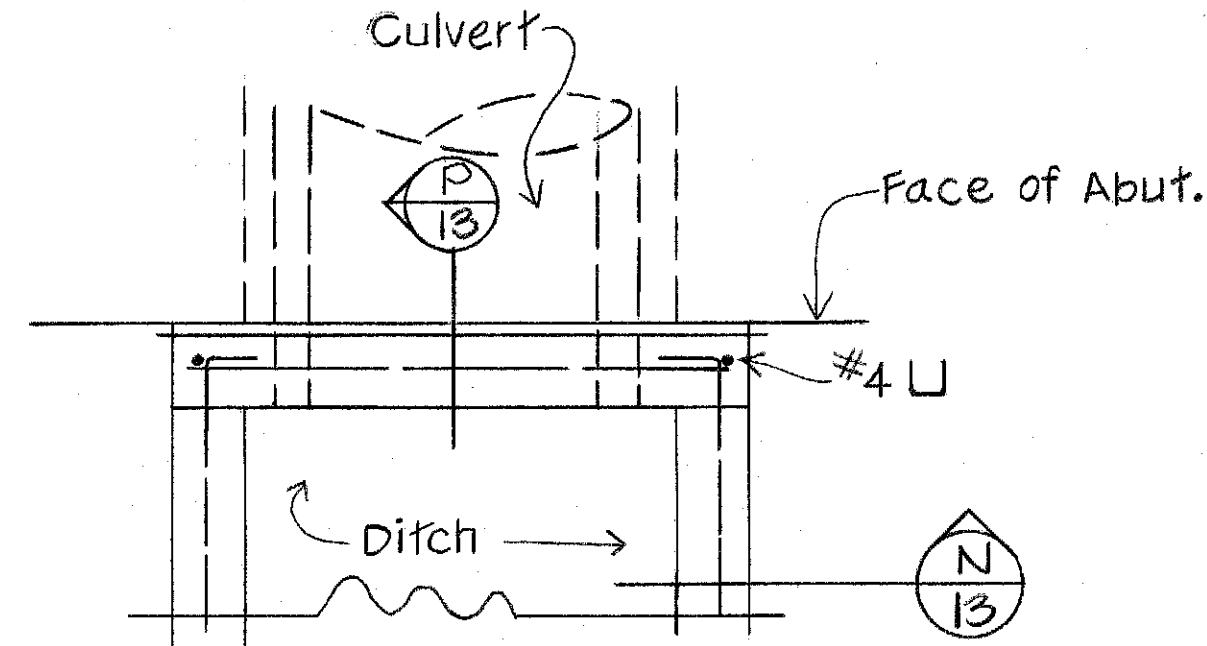
DITCH CONNECTION (O) 3/4" = 1'-0"

HEADWALL SECT (P) 3/4" = 1'-0"

RESTORATION OF CONC. DITCH

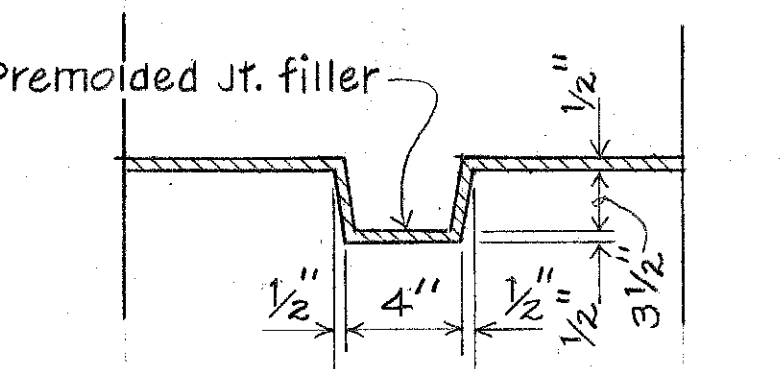


EDGE OF CONG. WALK (Q) 1" = 1'-0"



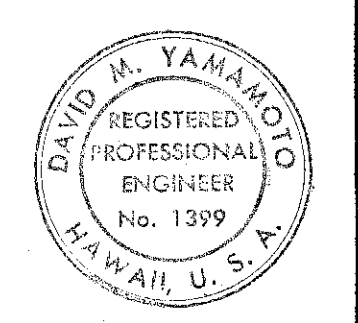
PLAN - HEADWALL (R) 3/4" = 1'-0"

Note:
The exterior surface & vertical alignment of concrete barrier shall be constructed to give a uniform & presentable appearance. Variation of more than 1/4" in 20" and 1/2" in 40" or more will be considered objectionable.



EXPANSION JT. (G) 1" = 1'-0"

DATE	DESIGNED BY	CHECKED BY
ORIGINAL PLAN	NOTED BY	QUANTITIES BY



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CIVIL DETAILS

WAIMALU PEDESTRIAN OVERPASS
PROJECT NO. 90B-01-70

SHEET No. 2 OF 2 SHEETS