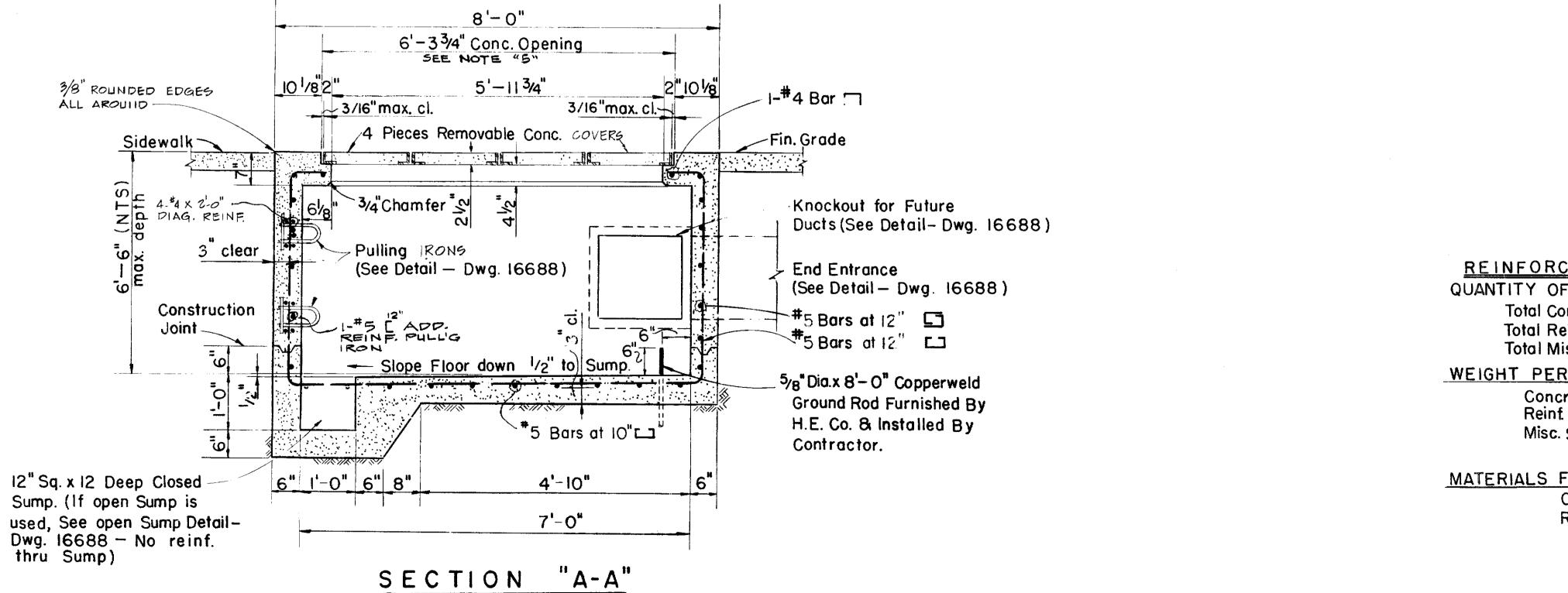


NOTE

- 1. FOR GENERAL NOTES AND MISCELLANEOUS DETAILS REFER TO DWG. 16688 (2 SHEETS).
- 2. FOR DUCT ENTRANCES, DEPTH AND LOCATIONS OF PULLING IRONS, SEE HANDHOLE DEVELOPMENTS OF PROJECT CONCERNED.
- 3. SEE PROJECT DRAWINGS FOR LOCATION OF HANDHOLE CONCERNED.
- 4. TOP OF HANDHOLE SHALL MATCH NEW AND/OR EXISTING GRADES UNLESS OTHERWISE SHOWN OR NOTED ON PLANS OF PROJECT CONCERNED.
- 5. MAXIMUM CLEARANCES BETWEEN REMOVABLE CONCRETE COVER SLABS AND CONCRETE OPENING AT THE SUPPORTS MUST BE KEPT. CONCRETE CONTRACTOR SHALL MEASURE COVER SLAB STEEL FRAME AFTER FABRICATION TO OBTAIN PROPER CLEARANCES. ANY VARIATION IN CLEARANCES SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AT CONTRACTOR'S EXPENSE.



Scale: $\frac{3}{4}$ " = 1'-0"

REINFORCED CONCRETE QUANTITIES

QUANTITY OF MATERIALS FOR DEPTH "D"=6'-6"

Total Concrete = 4.39 Cu Yds.

Total Reinf Steel = 565 Lbs.

Total Misc Steel = 168 Lbs.

WEIGHT PER REMOVABLE CONCRETE COVER

Concrete = 150 Lbs.

Concrete Reinf Steel Misc. Steel

rel <u>= 42 Lbs.</u> TOTAL = 199 Lbs.

= 7 Lbs.

MATERIALS FOR 6" DEPTH OF 6" THICK WALL

Concrete = 0.24 Cu. Yds.

Reinf. Steel = 35 Lbs.

KALANIANAOLE HIGHWAY WIDENING PHASE I

FOR USE IN AREAS NOT SUBJECT
TO VEHICULAR TRAFFIC

	9-14-81	PULL'G IR	ON ON	. Rei	NF. @	9	9ke	Bhr	ny
6-3-77 ADDED NOTES AND CHANGED PULL'G. EYE INSERTS TO PULL'G IRONS.						_	RG	50	111
	6/20/75	REDRAWN					94	50050	nes
. DATE REVISIONS				•			BY	CHK'D	APP'
HANDHOLE TYPE 57 (5'- 0" X 7' - 0") UNDERGROUND STANDARDS									
S	IGNED GTO	Hunda	DATE	5-21-	75	SCALE	: A5 1	NOTEE	
اد	ROVAL	LEC. MECH. STAUC.	ENGINEERING DESIGN DEPARTMENT HAWAIIAN ELECTRIC CO., INC. HONOLULU, HAWAII						
Janno				DRAWING NUMBER REV.					REV.
(Steer	artfi	18843					2	
_									