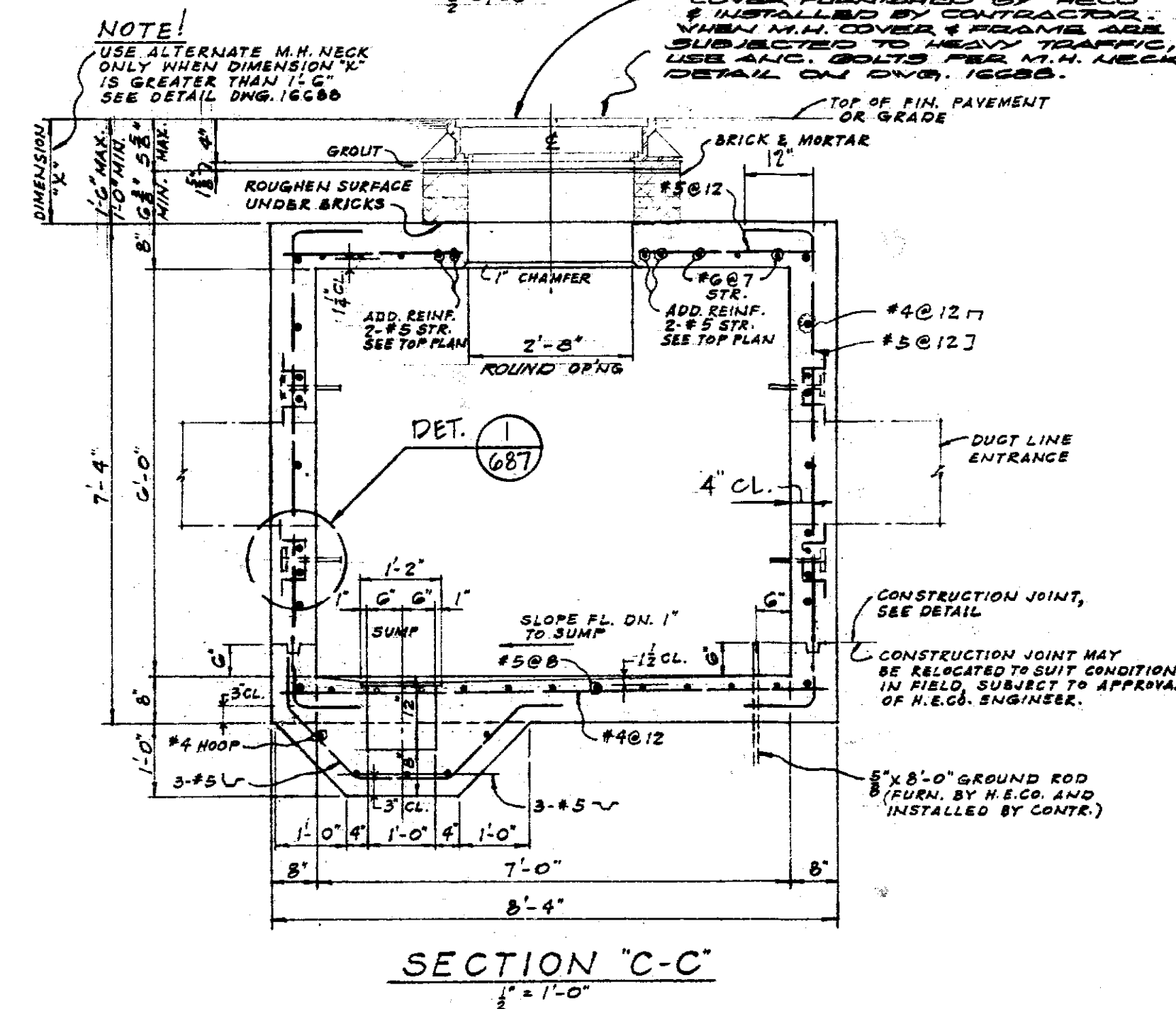
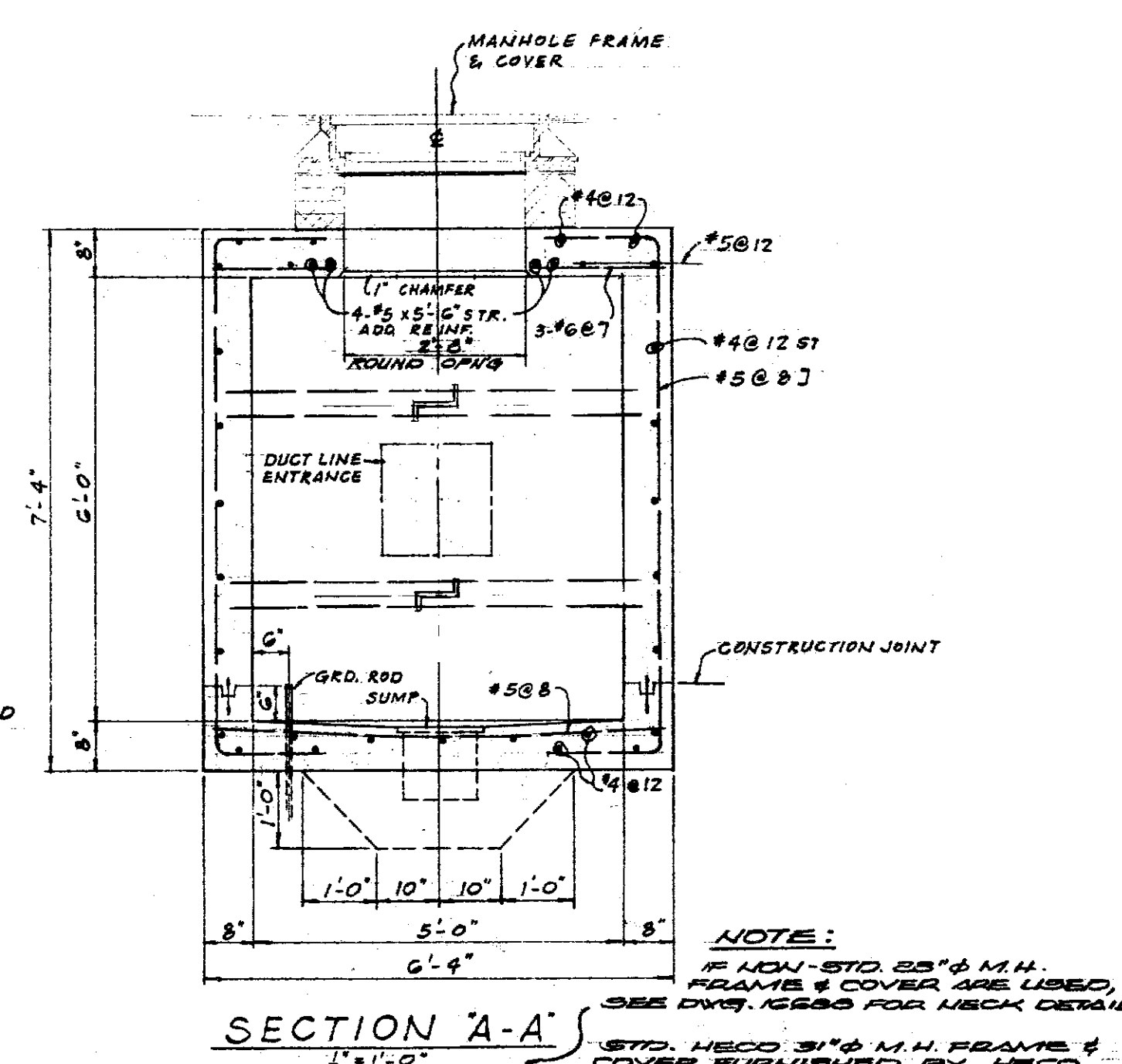
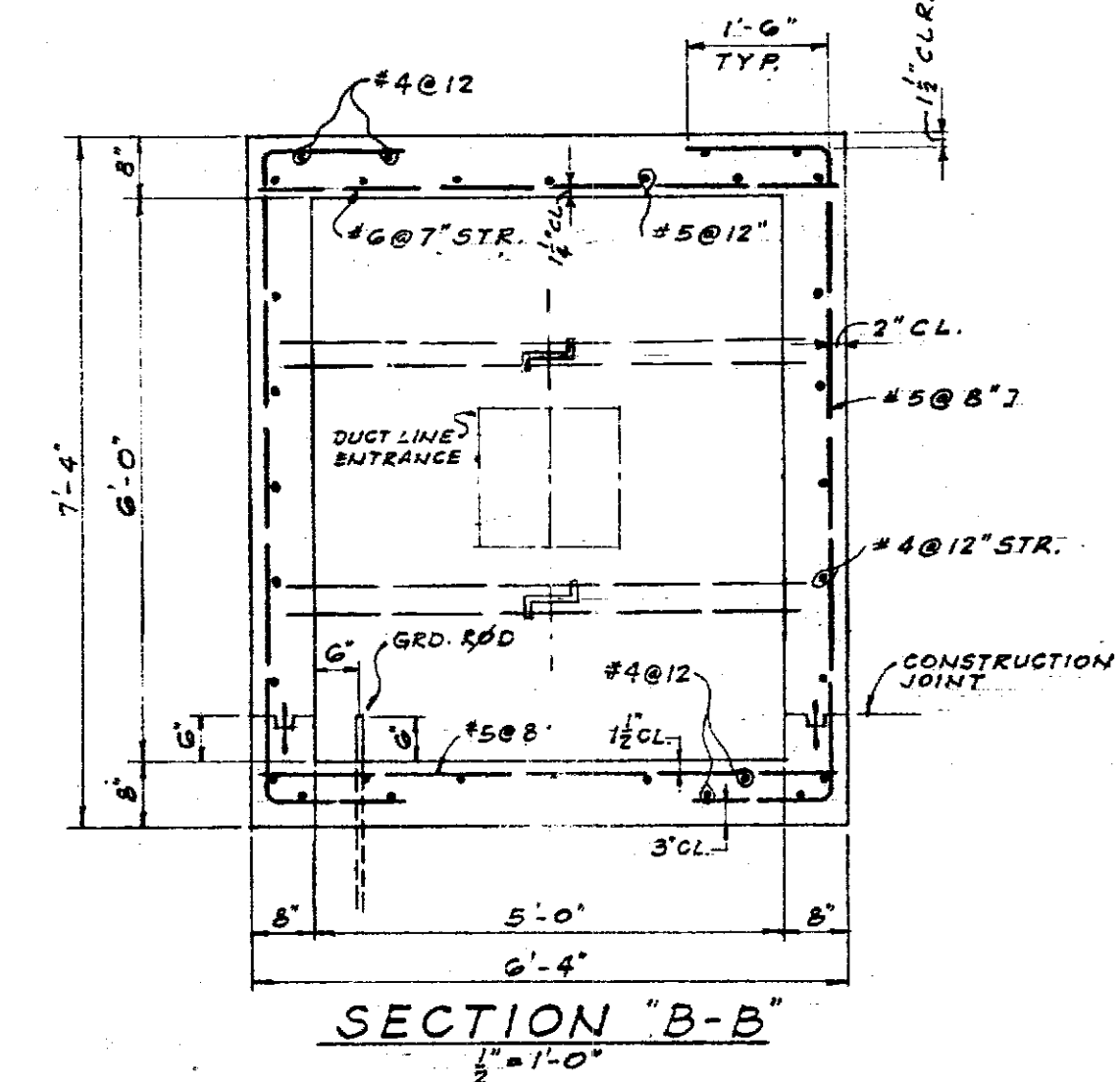
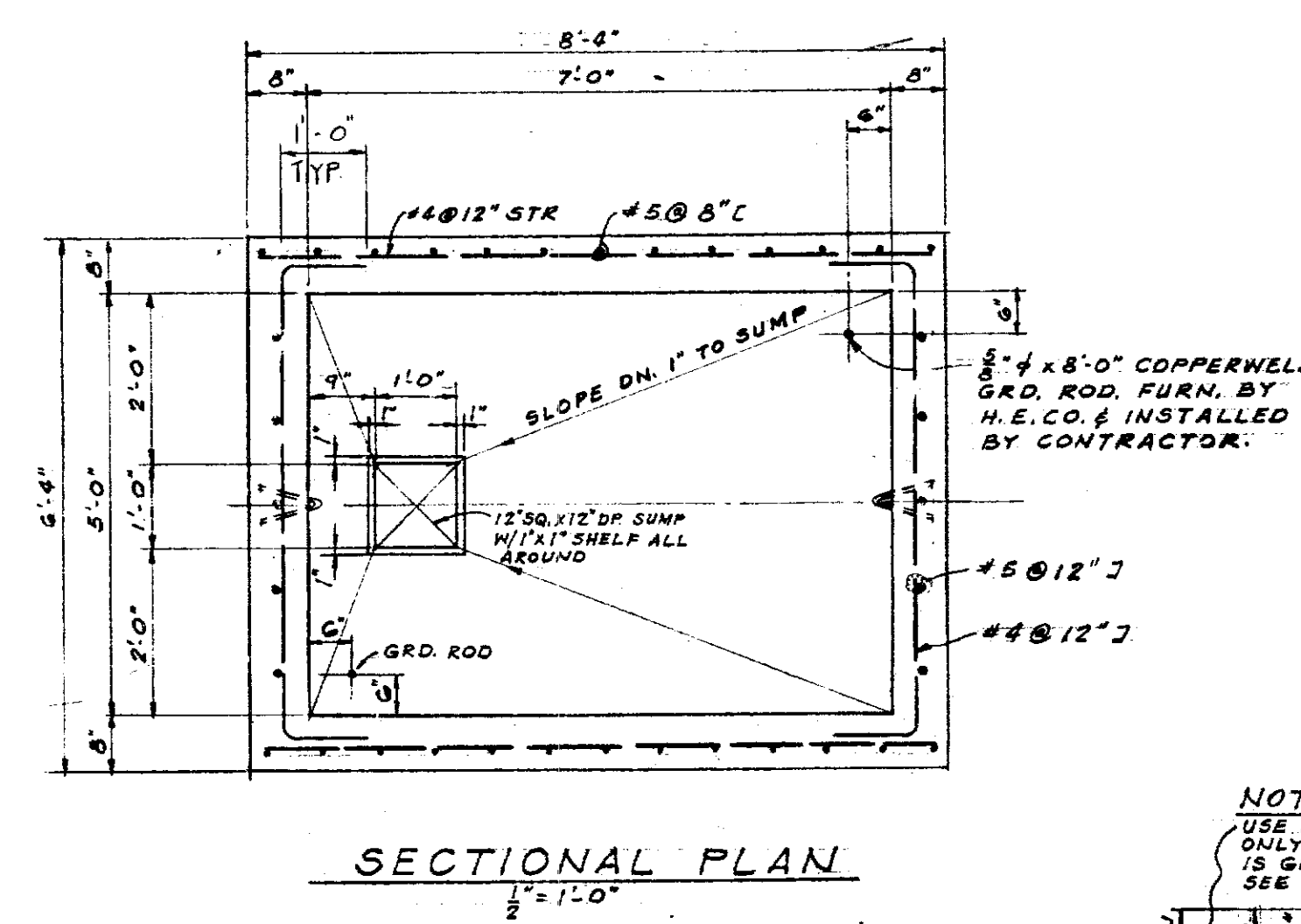
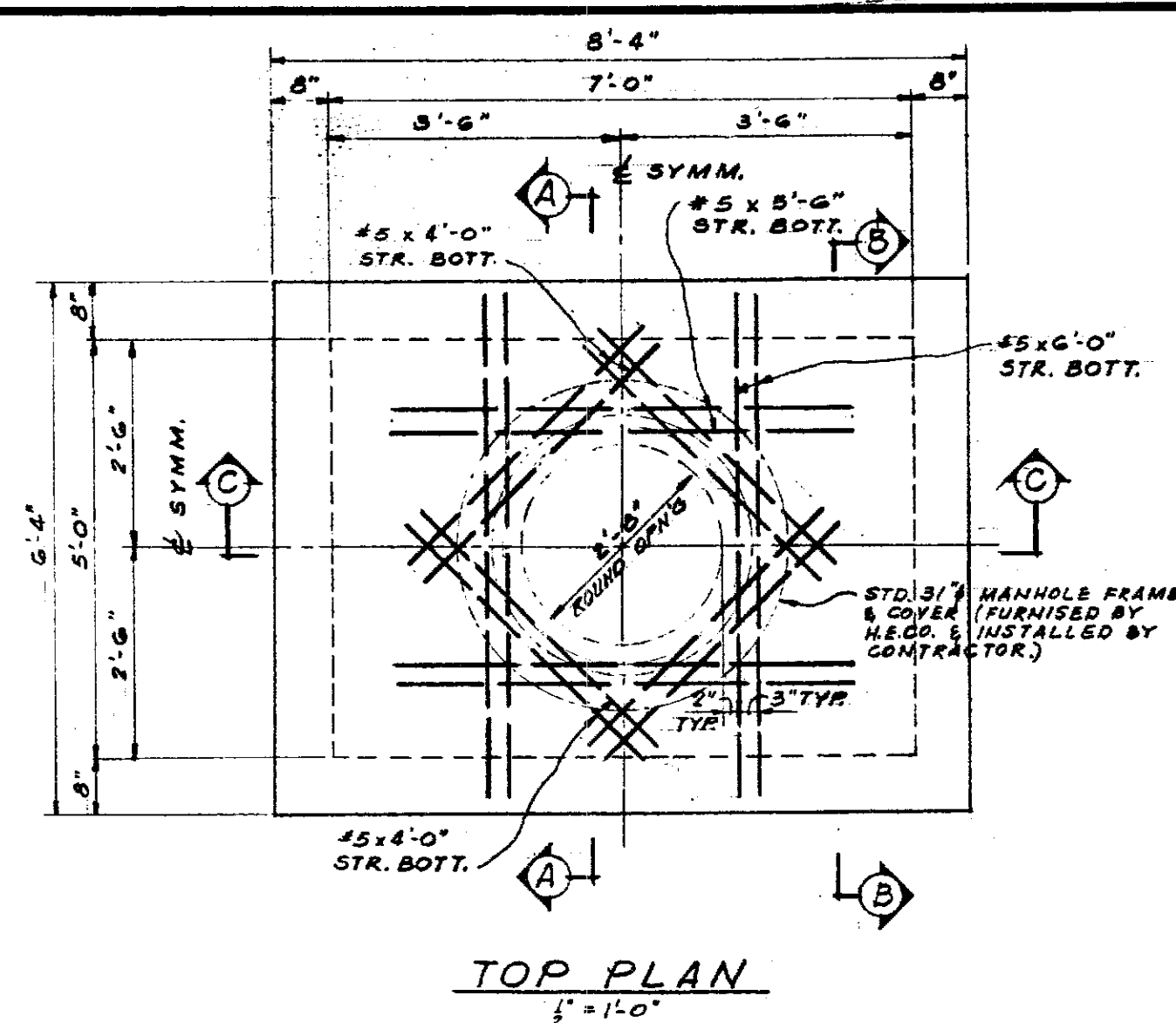
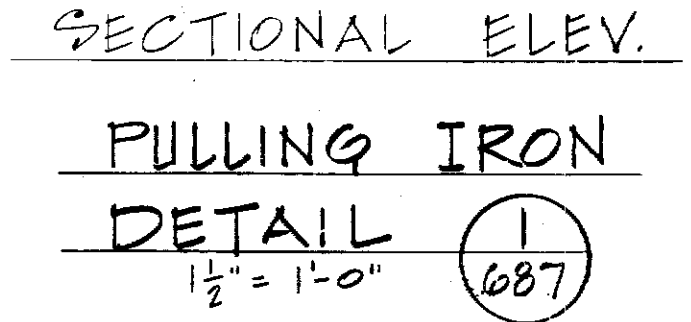
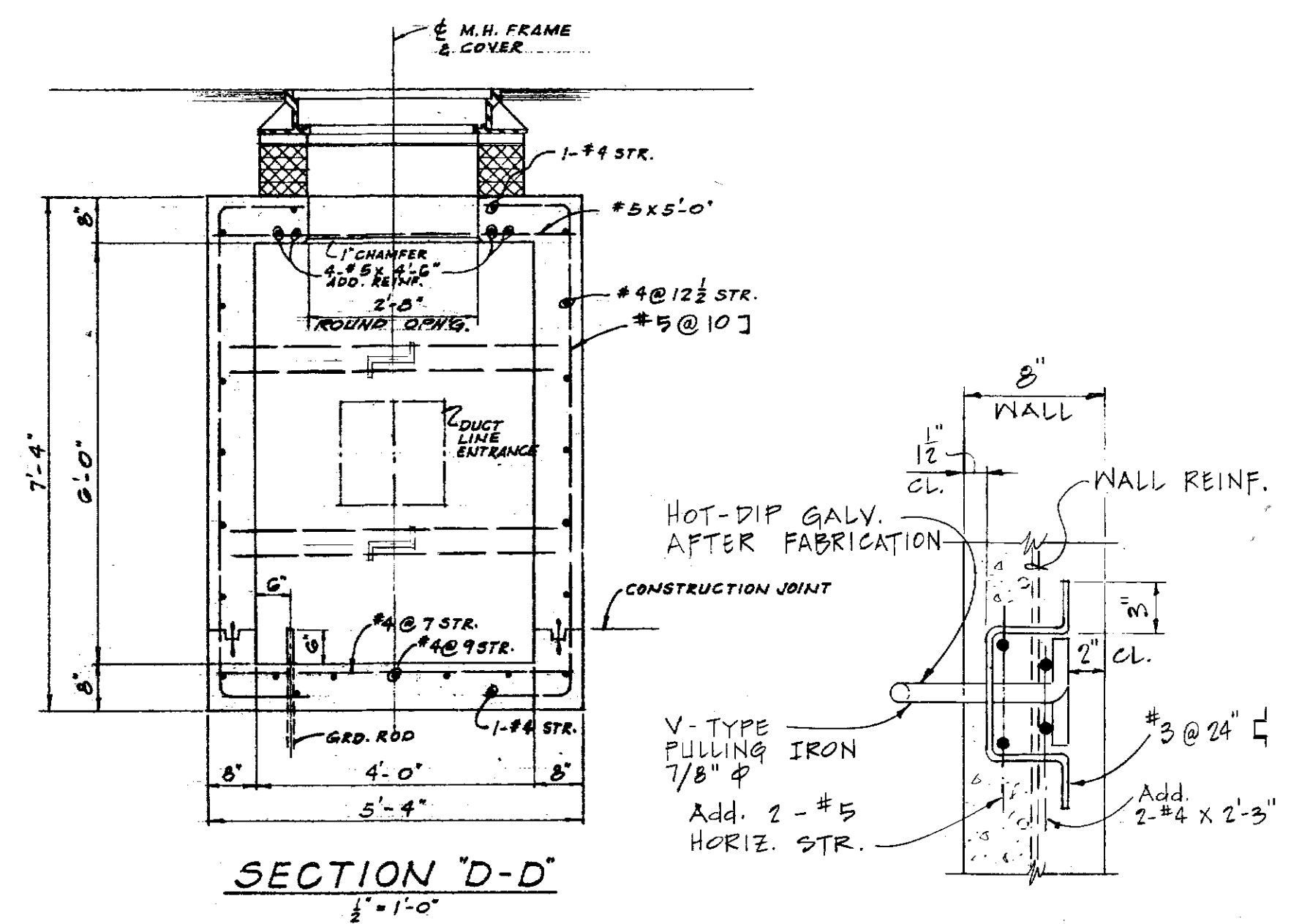
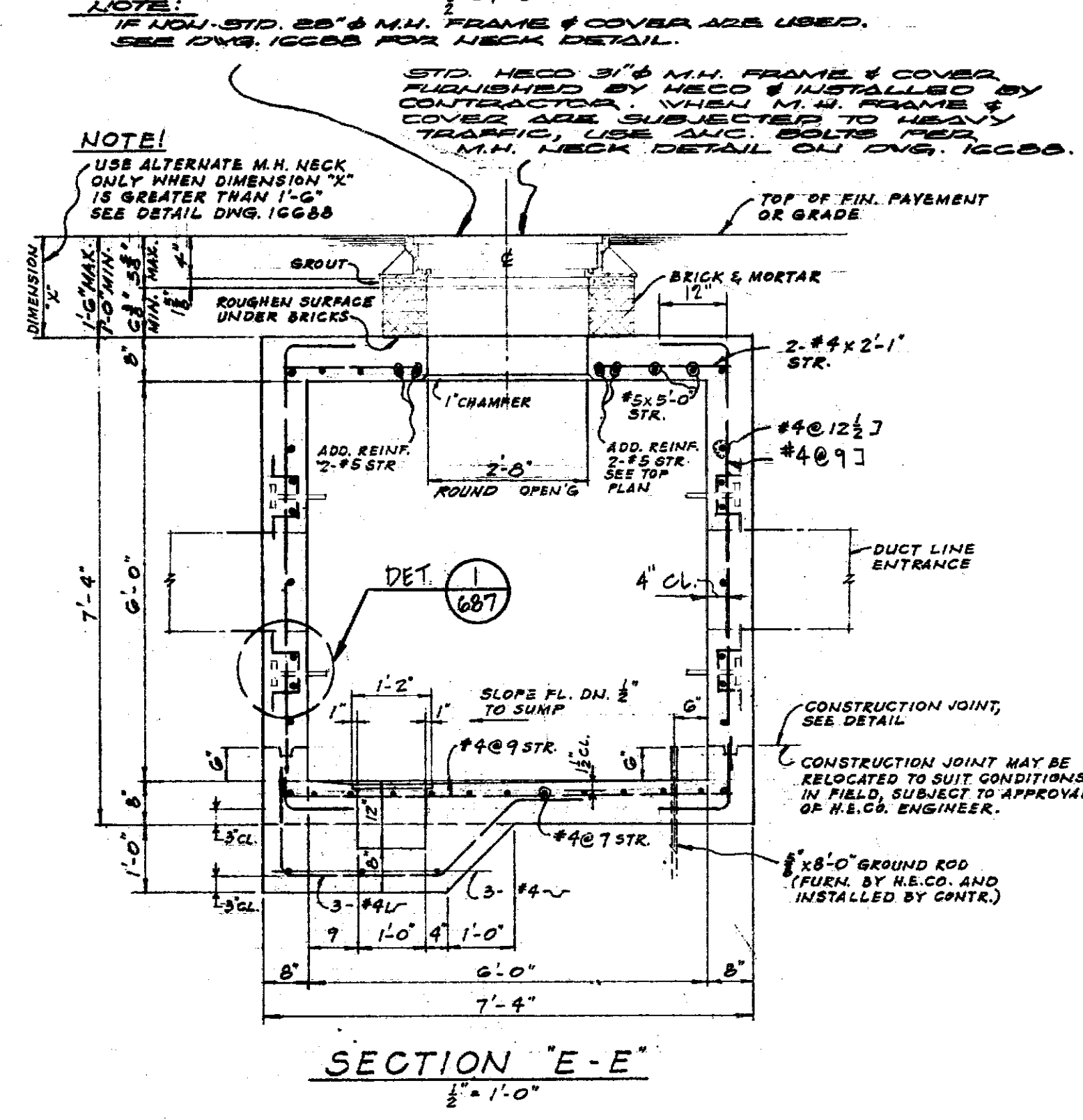
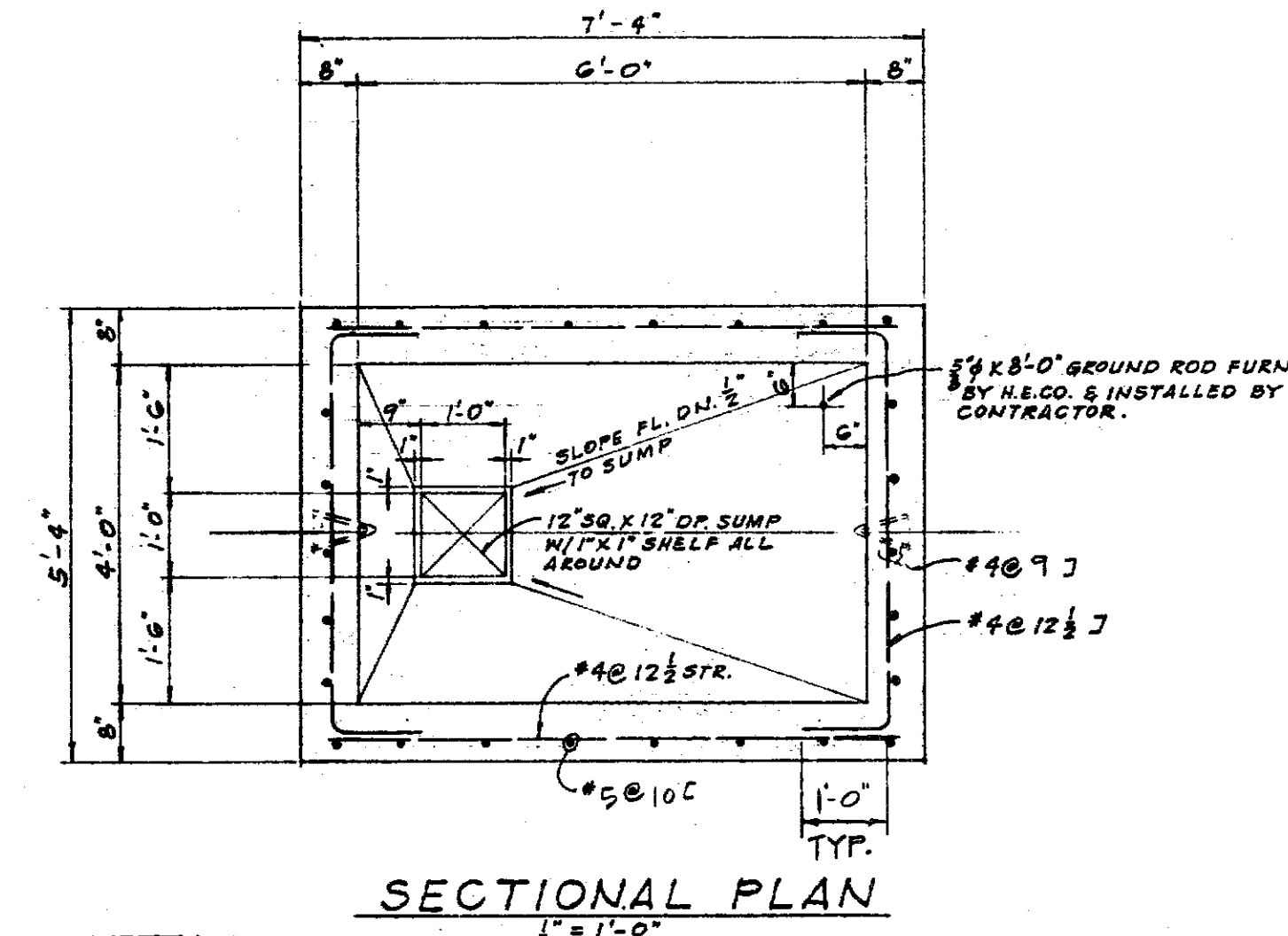
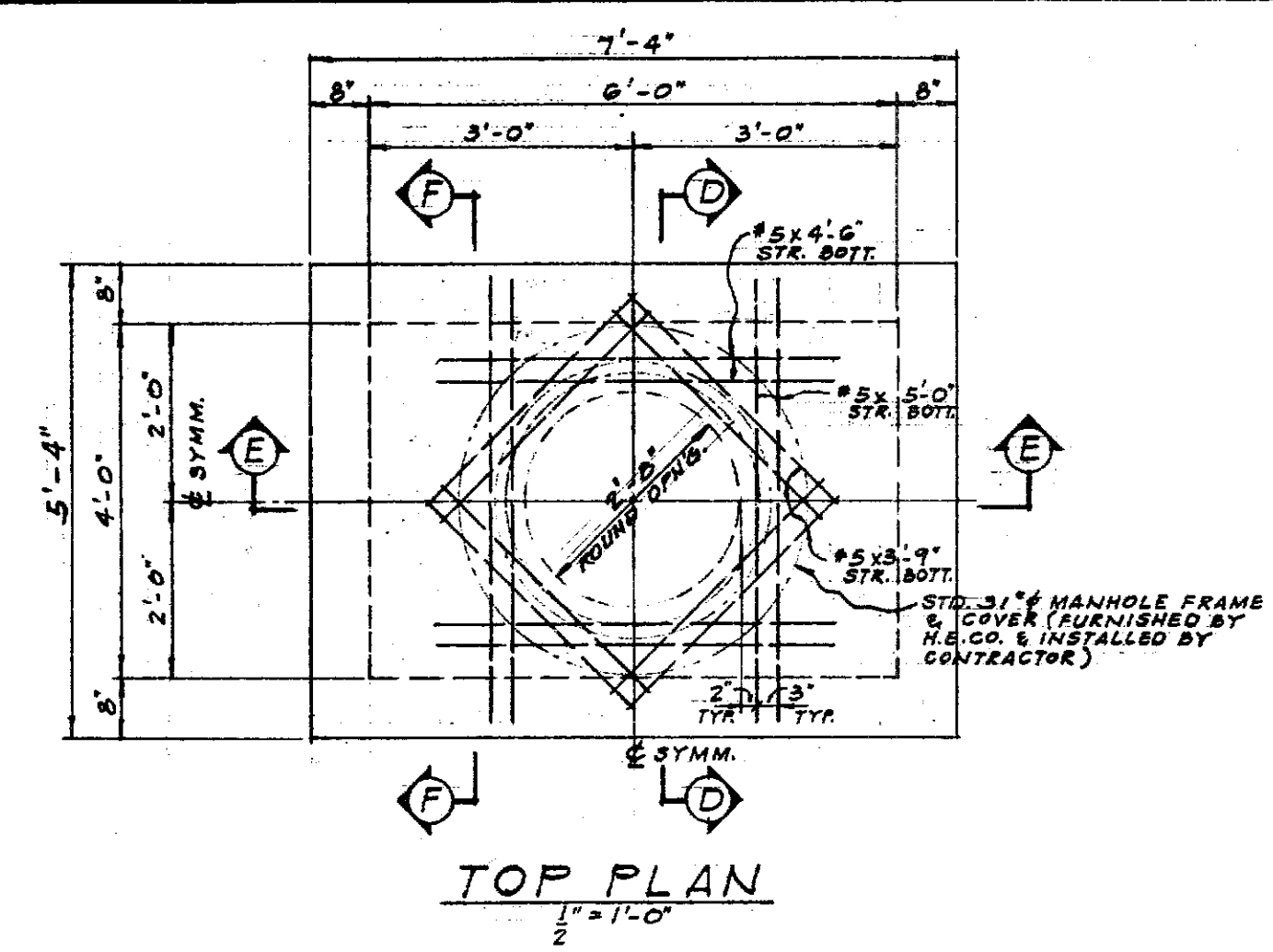




MANHOLE TYPE 57M



MANHOLE TYPE 46M

NON STANDARD

KALANIANA'OLE HIGHWAY WIDENING
PHASE 1

- NOTE:
- SEE DWG. 15688 (2 SHEETS) FOR MANHOLE MISCELLANEOUS DETAILS AND GENERAL NOTES.
 - SEE PROJECT DWGS. FOR LOCATION OF MANHOLE CONCERNED.
 - FOR DUCT ENTRANCES AND LOCATION OF PULLING IRONS, SEE MANHOLE DEVELOPMENTS OF PROJECT CONCERNED.

REFERENCE DWG'S.
16688 (2 SHEETS - MISC. DETAILS FOR MANHOLES AND HANDHOLES)

9/19/77		CHANGED PULLING IRON INSERTS TO PULLING IRONS	OK	5/8/78	1/1/78
10/1/78		REV. TO INCORPORATE NEW ROUND 31" M.H. COVER & FRAME	L.H.	5/8/78	1/1/78
NO.	DATE	REVISIONS	BY	CHK'D	APP'D
MANHOLES, TYPE 57M & 46M					
UNDERGROUND STANDARDS					
DESIGNED	J. J. J.	DRAWN	J. J. J.	DATE	7-8-68
CHECKED	J. J. J.	SCALE	AS NOTED	ENGINEERING DEPARTMENT	
HAWAIIAN ELECTRIC CO., INC.				HONOLULU, HAWAII	
DRAWING NUMBER				REV.	
16687				3	