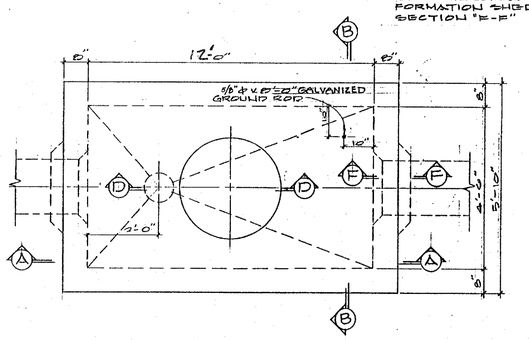
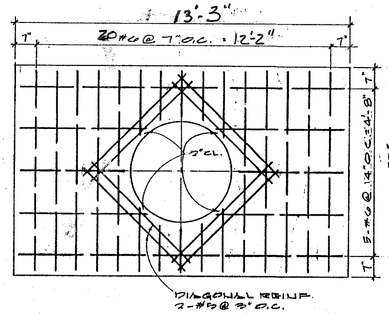
34060 D

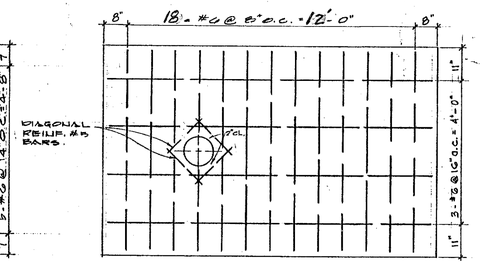
NOTE:
SEE STANDARD DUCT FORMATION SHEET FOR SECTION "E-E"



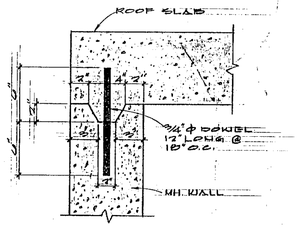
PLAN-M.H. TYPE "A-1"
FOR ROADWAY & SIDEWALK AREAS
SCALE: NTS



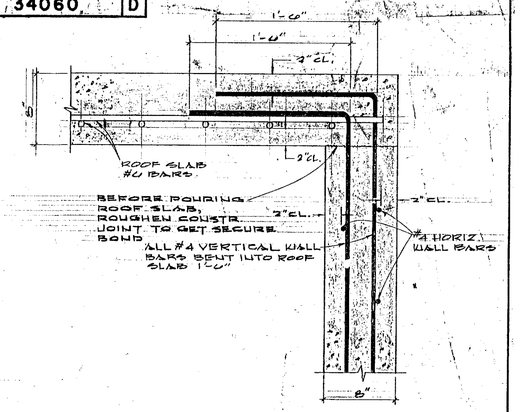
ROOF SLAB REINF. PLAN
SCALE: NTS



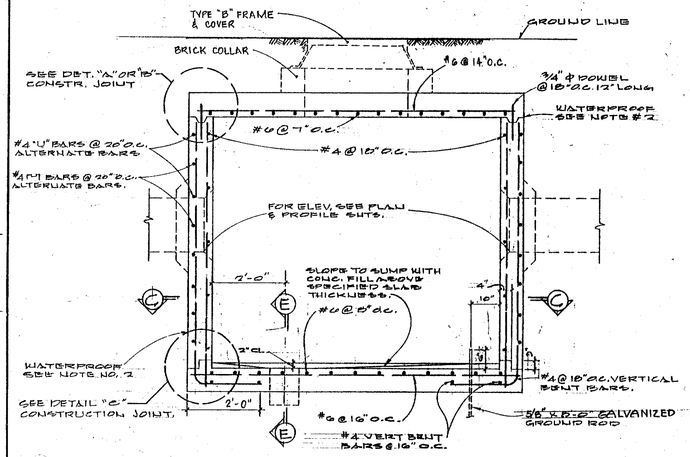
FLOOR SLAB REINF. PLAN
SCALE: NTS



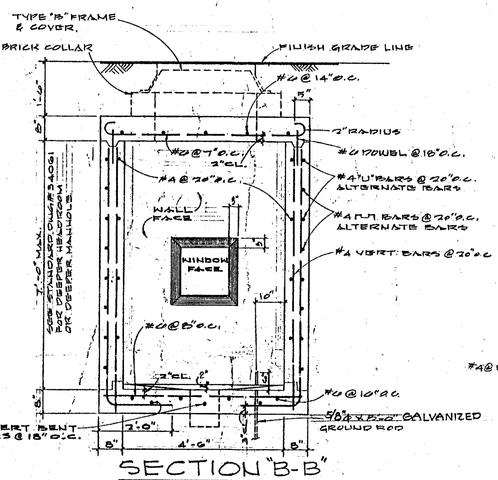
DETAIL "A"
TOP CONSTRUCTION JOINT
SCALE: 1 1/2" = 1'-0"
OPTIONAL-FOR CAST-IN PLACE CONSTR.
REQUIRED-FOR PRECAST CONSTR.



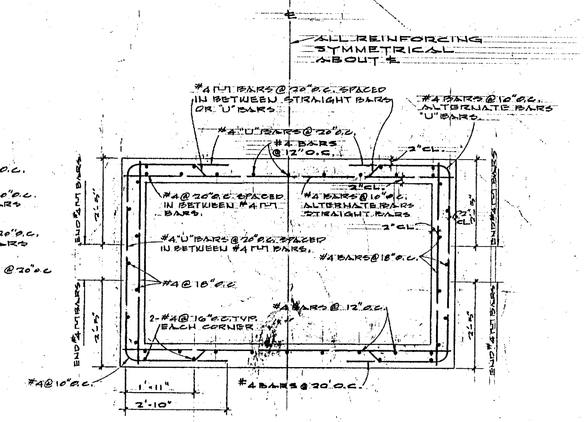
CONSTR. JOINT DETAIL "B"
USE FOR CAST-IN-PLACE CONSTR.
SCALE: 1 1/2" = 1'-0"



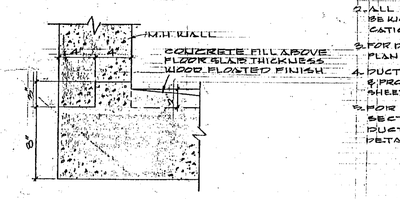
SECTION "A-A"
SCALE: NTS



SECTION "B-B"
SCALE: NTS



SECTION "C-C"
SCALE: NTS

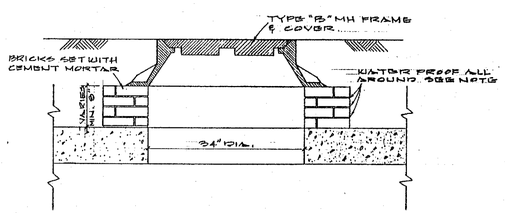


DETAIL "C"
BOTTOM CONSTRUCTION JOINT
SCALE: 1 1/2" = 1'-0"

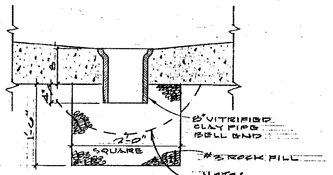
GENERAL NOTES:

1. DESIGN DATA
   f'c = 3,000 PSI
   fc = 2,000 PSI, fc = 1,350 PSI
   n = 10
   W = EQUIV. FLUID PRESS: 50#/FT³
2. ALL CONSTRUCTION JOINTS SHALL BE WATERPROOFED WITH TWO APPLICATIONS OF THORO SEAL OR EQUAL.
3. FOR DUCT WINDOW LOCATION SEE PLAN PROFILE SHEETS FOR ELEVATIONS
4. DUCT WINDOW TO SUIT. SEE PLAN & PROFILE & STANDARD DETAIL SHEETS FOR LOCATION & DETAILS.
5. FOR DUCT WINDOW DETAILS SEE SECTION "E-E", STANDARD DUCT FORMATIONS & MANHOLE DETAILS SHEET.

MH. CLASSIFICATION — TYPE A-1 — 6.0' MANHOLE HEADROOM
WIDTH & LENGTH DESIGNATION — 6.5' — 7.0'
"1" = 4.0' x 8.0'

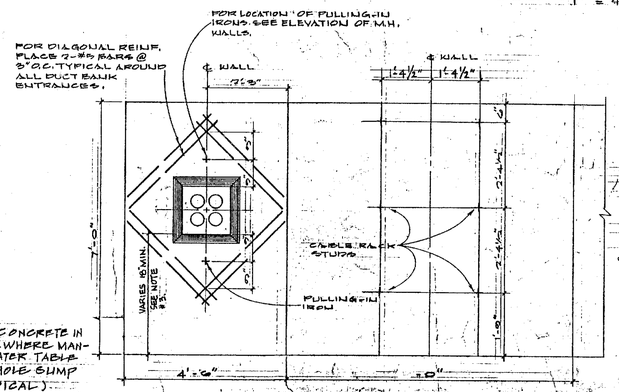


SECTION "D-D"
M.H. COVER DETAIL
SCALE: 3/4" = 1'-0"

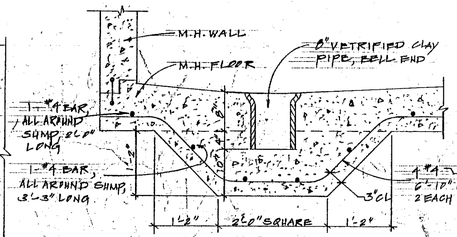


NOTE:
PROVIDE ADDITIONAL CONCRETE IN PLACE OF #3 ROCK. FILL WHERE MANHOLE FLOOR IS BELOW WATER TABLE (REFER TO MANHOLE SUMP DETAIL - TYPICAL)

SECTION "E-E"
M.H. SUMP DETAIL
SCALE: 3/4" = 1'-0"



ELEVATION OF MH WALLS
(OPPOSITE FACES SIMILAR)
SCALE: NTS



MANHOLE SUMP DETAIL - TYPICAL
SCALE: 1/2" = 1'-0"
REQUIRED-WHERE MANHOLE FLOOR IS BELOW WATER TABLE

REVISIONS

REVISED: 9-5-74 RG
REMOVED CHAMFER FROM CORNERS.
9-16-81 TRANSFERRED MANHOLE SUMP DETAIL FROM OBSOLETE DRG #34235 DY
HC 5-2-84
REVISED: 11-14-89 PC
GROUND ROD DIAMETER AND & RACKING DIMENSION

34060

FILE		DR. RK	ENG.
ASSIGNMENT		CHK.	TEL.
CONSTRUCTION		INDEX	APPD.
MAINTENANCE			
ACCOUNTING			
CONTRACTOR			
TOTAL PRINTS			

HAWAIIAN TELEPHONE COMPANY
HAWAII

TYPE "A-1" MANHOLE FOR 6.0' TO 7.0' HEADROOM

DATE
SHEET OF

34060 D