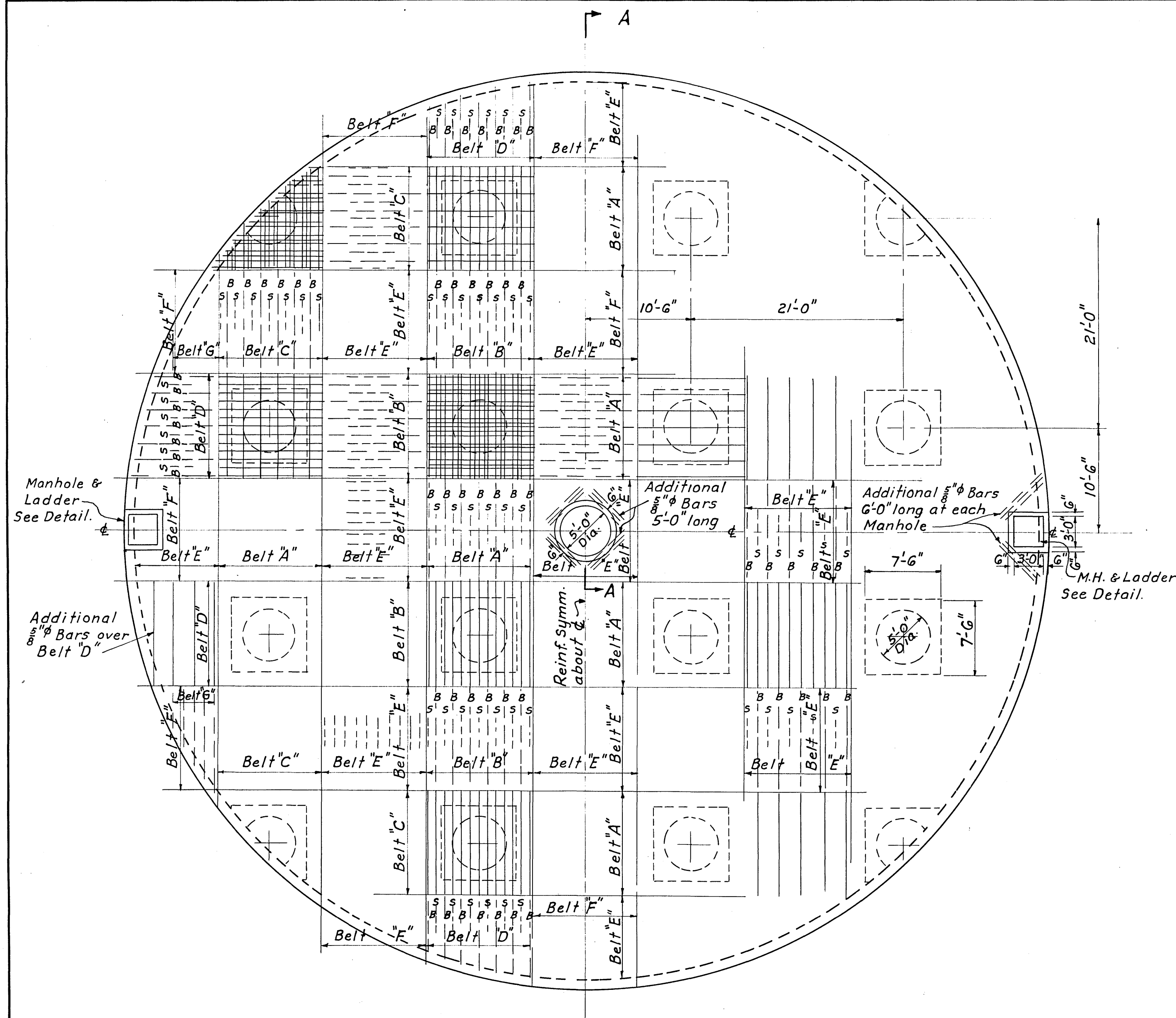




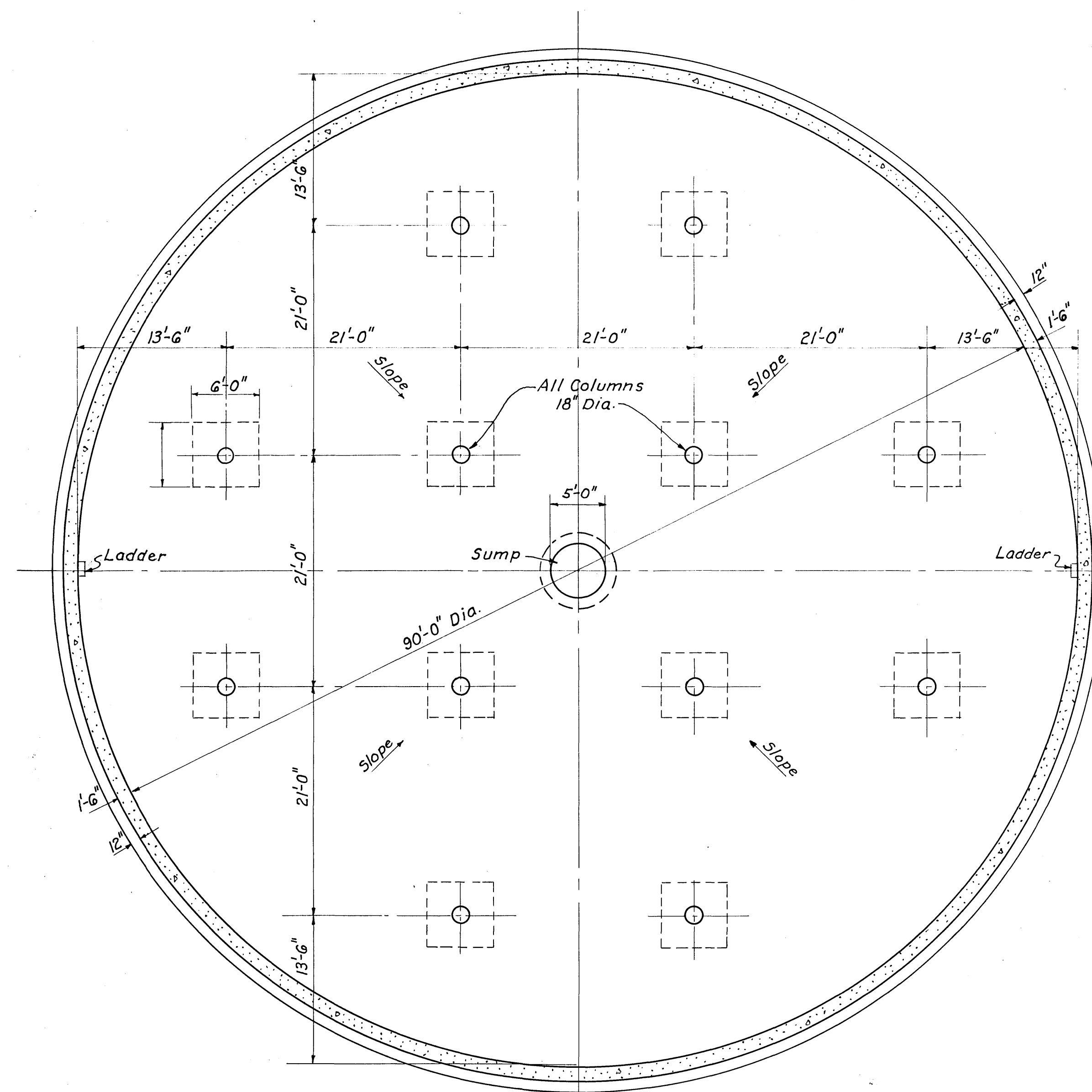
ROOF PLAN OF
PRIMARY DIGESTION TANK

Scale: $\frac{1}{8}" = 1'-0"$

FLAT SLAB STEEL IN
DIGESTION TANK ROOF

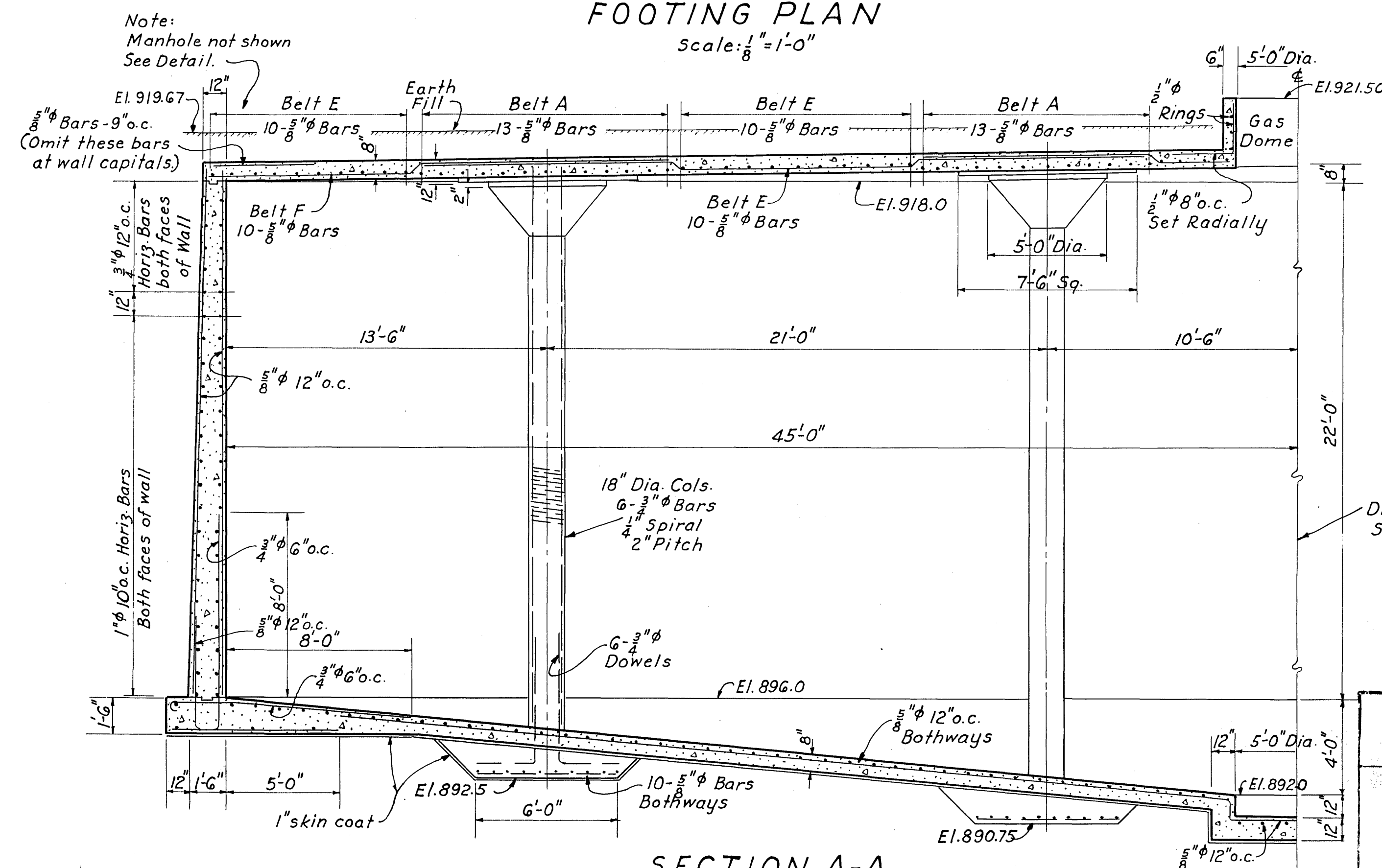
- BELT "A": 13- $\frac{5}{8}"$ ϕ Bars in bottom of Slab, 7 of which are bent up over Columns in two directions & 6 are straight bars 23'-6" long.
- BELT "B": Same as Belt "A" except 6 bars are bent & 7 bars are straight.
- BELT "C": Same as Belt "B" except length of bars.
- Note: To the above add 6 additional bars $\frac{5}{8}"$ ϕ 10'-6" long over interior Cols. eachway making a total of 19- $\frac{5}{8}"$ ϕ bars over Cols. in each direction.
- BELT "D": Same as Belt "A" except bending & length of bars.
- BELT "E": 10- $\frac{5}{8}"$ ϕ bars in bottom of Slab, 5 of which are bent up over Col. strips from each direction, making a total of 10- $\frac{5}{8}"$ ϕ bars over Col. strips & 5 bars are straight 23'-6" long.
- BELT "F": Same as Belt "E" except bending & length of bars.
- Note: Add 13- $\frac{5}{8}"$ ϕ bars of varied lengths eachway over Wall Capitals making a total of 19- $\frac{5}{8}"$ ϕ bars in each direction over wall capitals.
- BELT "G": 5- $\frac{5}{8}"$ ϕ bars in bottom of Slab, 3 of which are bent up over Belt "D" & 2 bars are straight of varied lengths.

Notes: All bent bars to be bent up 5'-3" from ϕ of Cols. & continued 6'-3" beyond ϕ of Cols.
Straight bars to be lapped only at Col. heads. Laps to be 2'-6".
Broken Lines indicate Bars in bottom of Slab.
Full Lines indicate Bars in top of Slab.
B - Indicates Bent Bars.
S - " Straight "



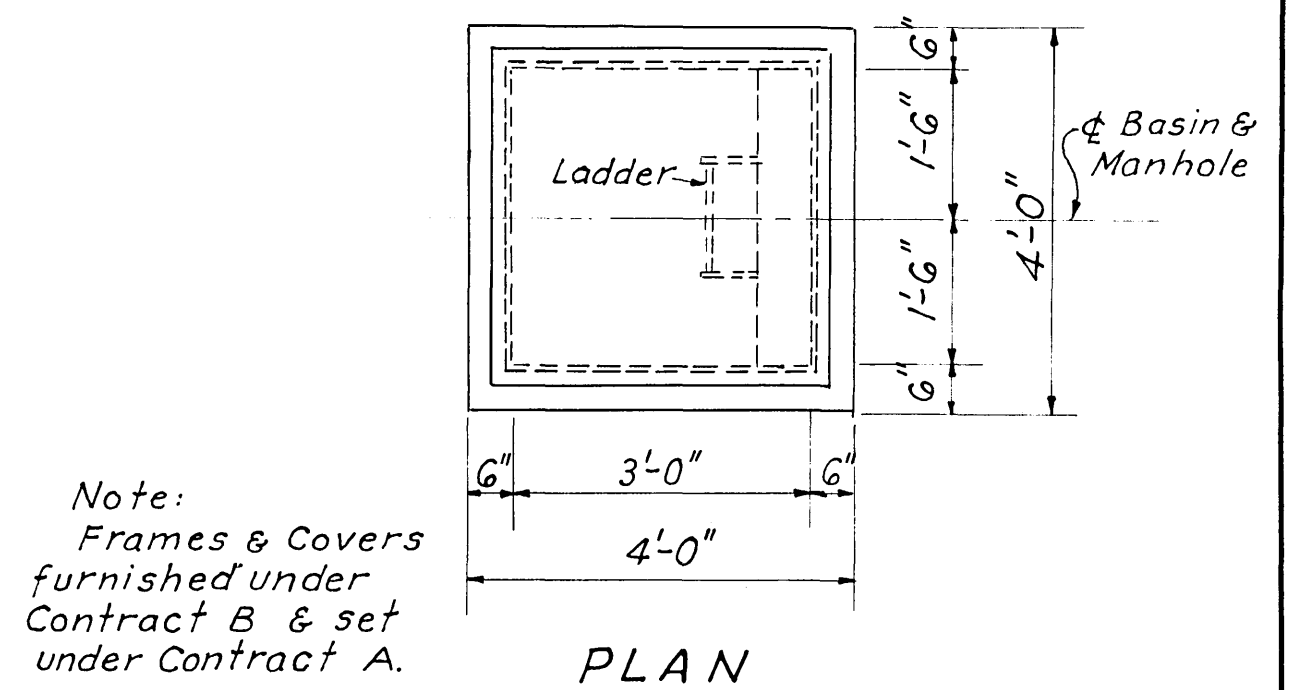
FOOTING PLAN

Scale: $\frac{1}{8}" = 1'-0"$

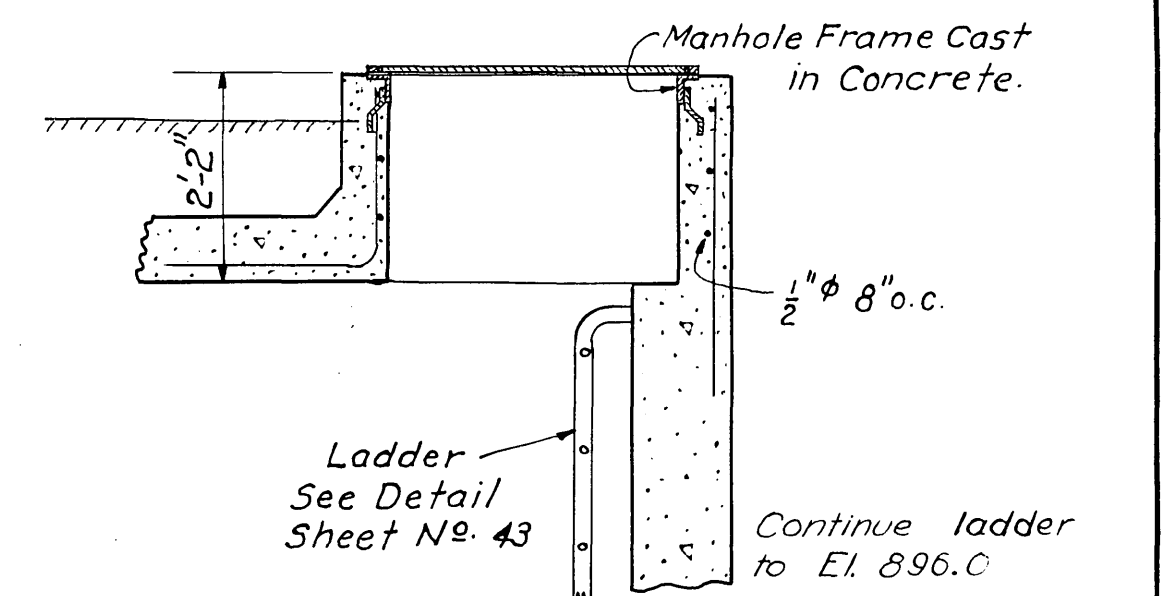


SECTION A-A

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



Note: Frames & Covers furnished under Contract B & set under Contract A.



SECTION
DETAIL OF MANHOLE

Scale: $\frac{1}{2}" = 1'-0"$

SANITARY SEWER PROJECT No. 3 - 1950			
ALVORD, BURDICK & HOWSON		MATTERN & MATTERN	
ENGINEERS		ENGINEERS	
CHICAGO, ILL.	CHICAGO, ILL.	ROANOKE, VA.	ROANOKE, VA.
SEWAGE TREATMENT PLANT CITY OF ROANOKE, VIRGINIA DIGESTION TANKS PRIMARY - ALT. "A"			
DESIGNED	SCALE AS SHOWN	DATE	QOM NO.
DRAWN D.J.M.	DATE AUGUST, 1950		41
CHECKED G.J.R.			