

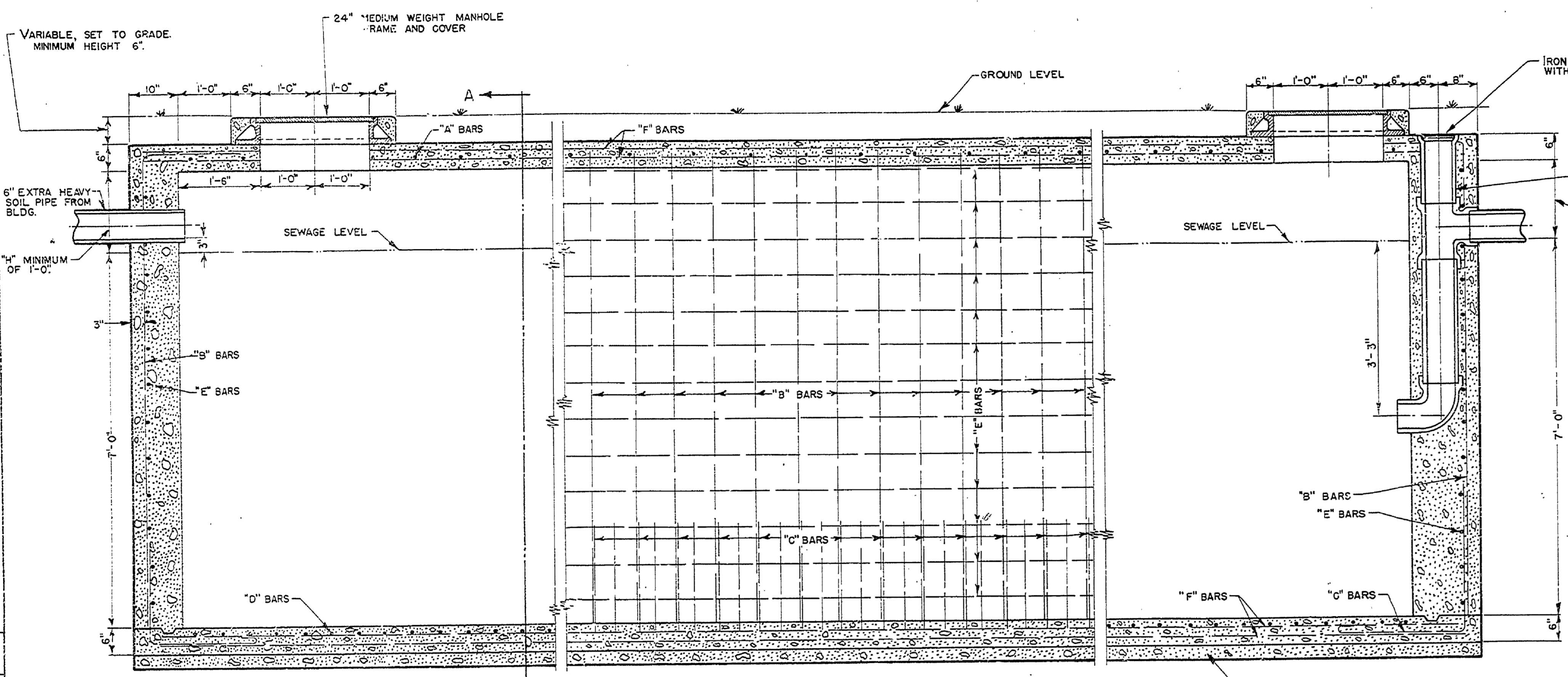
DATE	BY	REVISIONS
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NO.	DATE	BY
1	6/25/56	E.C.B.
2	9/11/56	E.C.B.
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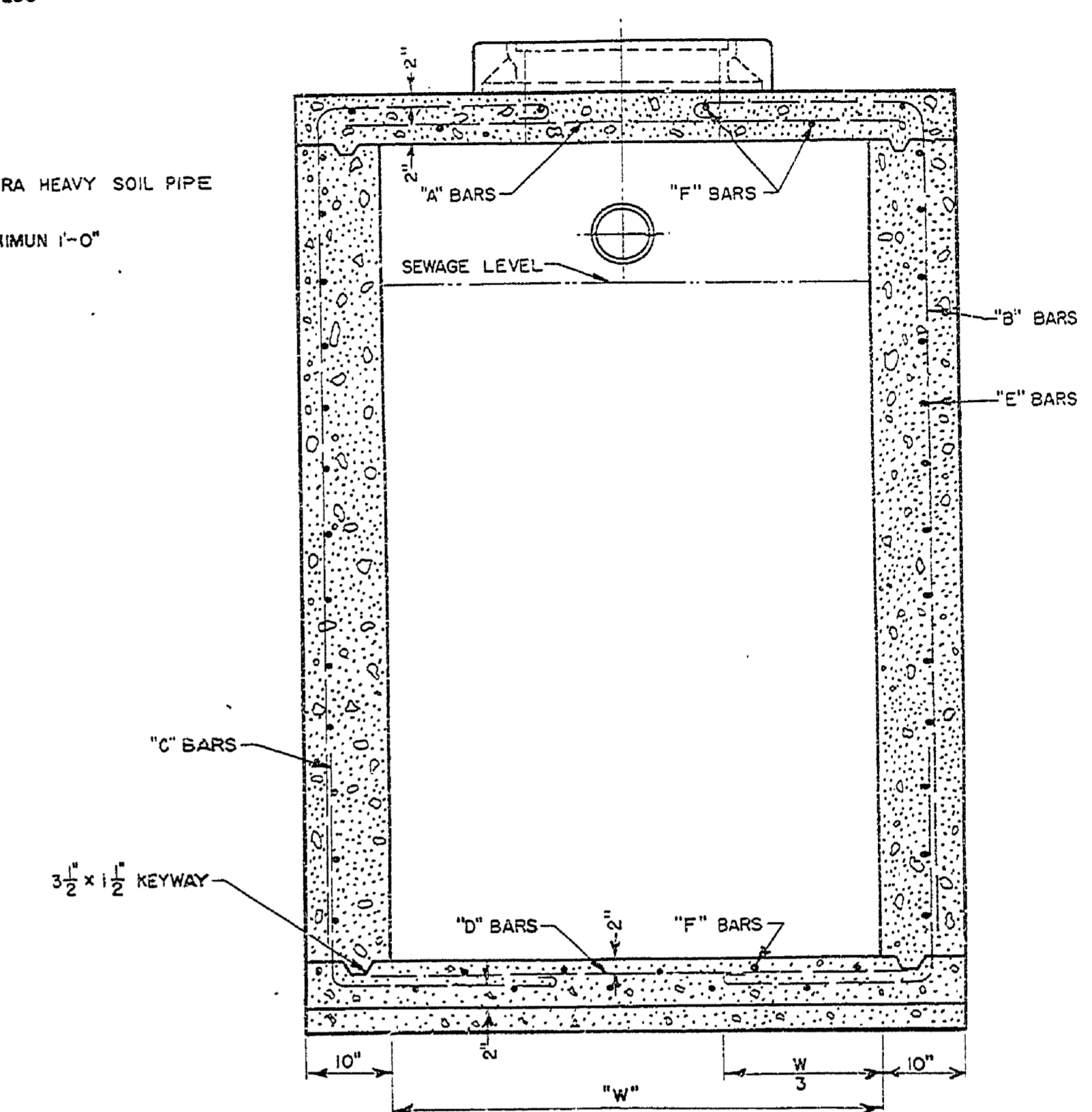
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REVIEWED BY SECTIONS	DATE	APPROVED BY	DATE
ARCHITECTURAL			
ENGINEERING			
LANDSCAPE			

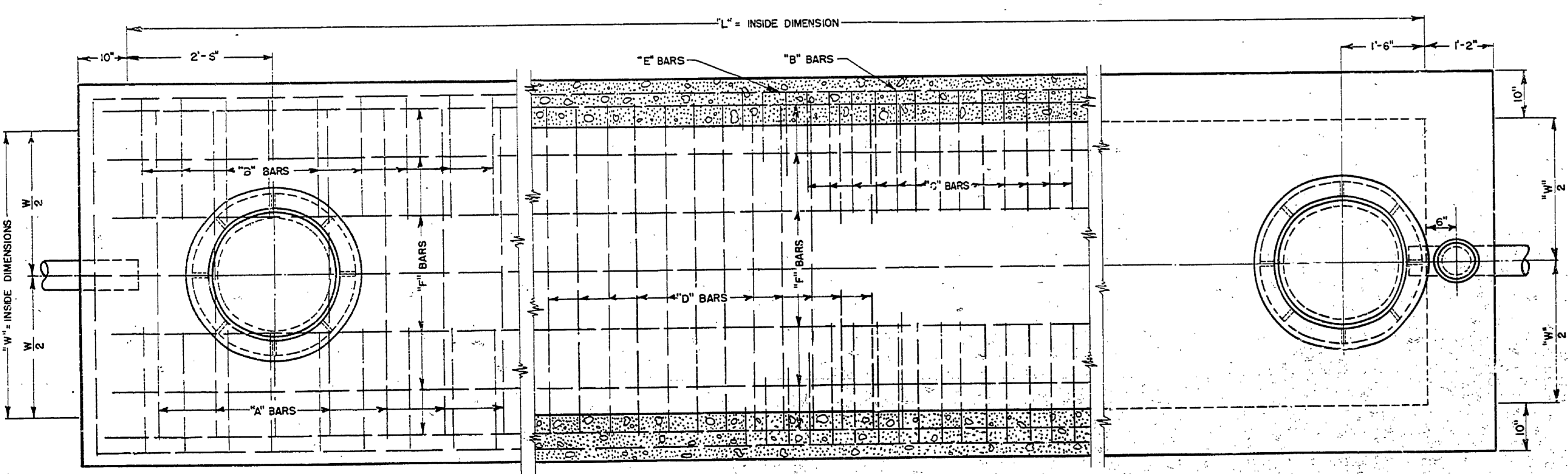
DRAWN BY	CHECKED BY	DATE
E.C.B.	E.C.B.	JUNE 26, 1956



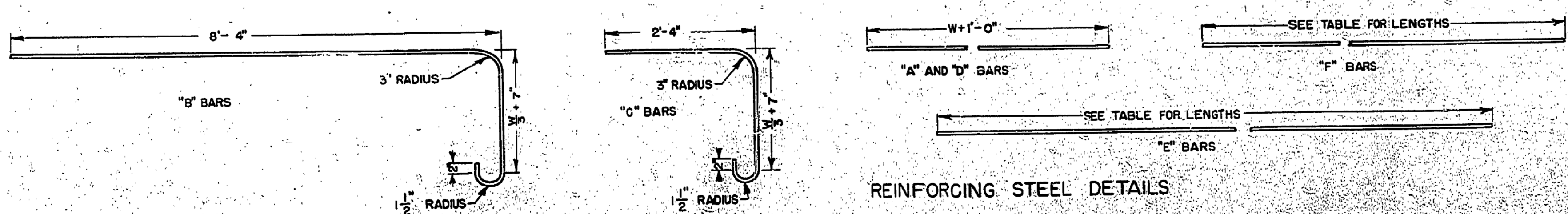
SECTION OF SEPTIC TANK
SHOWING REINFORCING - SIDES & END WALLS SCALE $\frac{3}{4}'' = 1'-0''$



SECTION A-A
SCALE $\frac{3}{4}'' = 1'-0''$



PLAN OF SEPTIC TANK
SHOWING REINFORCING - TOP SLAB. SCALE $\frac{3}{4}'' = 1'-0''$



REINFORCING STEEL DETAILS

LENGTH	WIDTH	GAL. IN GAL.	GAL. PER UN. FT.	"A" BARS	"B" BARS	"C" BARS	"D" BARS	"E" BARS	"F" BARS
15'-0" to 16'-0"	3'-0"	2360 TO 2830	157.1	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	9'-0" $\frac{1}{2} \phi @ 7" O.C.$	4'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-0" L+1'-0" $\frac{1}{2} \phi @ 12" O.C.$
16'-3" to 18'-0"	3'-3"	2760 TO 3320	170.2	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	10'-0" $\frac{1}{2} \phi @ 7" O.C.$	4'-3" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-6" L+1'-6" $\frac{1}{2} \phi @ 12" O.C.$
17'-6" to 21'-0"	3'-6"	3200 TO 3850	183.3	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	10'-5" $\frac{1}{2} \phi @ 7" O.C.$	4'-6" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-9" L+1'-9" $\frac{1}{2} \phi @ 12" O.C.$
18'-9" to 22'-6"	3'-9"	3670 TO 4410	196.4	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	10'-8" $\frac{1}{2} \phi @ 7" O.C.$	4'-9" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-9" L+1'-9" $\frac{1}{2} \phi @ 12" O.C.$
20'-0" to 24'-0"	4'-0"	4190 TO 5020	209.4	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 10" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	5'-6" $\frac{1}{2} \phi @ 6" O.C.$	5'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-0" L+1'-0" $\frac{1}{2} \phi @ 12" O.C.$
21'-3" to 25'-6"	4'-3"	4730 TO 5650	222.5	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 10" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	5'-9" $\frac{1}{2} \phi @ 6" O.C.$	5'-3" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-3" L+1'-3" $\frac{1}{2} \phi @ 12" O.C.$
22'-6" to 27'-0"	4'-6"	5300 TO 6360	235.9	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 10" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	5'-6" $\frac{1}{2} \phi @ 6" O.C.$	5'-6" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-6" L+1'-6" $\frac{1}{2} \phi @ 12" O.C.$
25'-0" to 33'-0"	5'-0"	6560 TO 7850	282.0	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 9" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	5'-10" $\frac{1}{2} \phi @ 6" O.C.$	6'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-0" L+1'-0" $\frac{1}{2} \phi @ 12" O.C.$
27'-6" to 33'-0"	5'-6"	7920 TO 9500	288.0	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 9" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	6'-0" $\frac{1}{2} \phi @ 6" O.C.$	6'-6" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-6" L+1'-6" $\frac{1}{2} \phi @ 12" O.C.$
30'-0" to 36'-0"	6'-0"	9400 TO 11300	314.2	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 8" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	6'-2" $\frac{1}{2} \phi @ 6" O.C.$	7'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-0" L+1'-0" $\frac{1}{2} \phi @ 12" O.C.$
32'-6" to 36'-0"	6'-6"	11,050 TO 13,310	340.4	$\frac{1}{2} \phi @ 12" O.C.$	$\frac{1}{2} \phi @ 8" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	6'-2" $\frac{1}{2} \phi @ 6" O.C.$	7'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-0" L+1'-0" $\frac{1}{2} \phi @ 12" O.C.$
36'-0" to 42'-0"	7'-0"	12,500 TO 15,380	366.7	$\frac{1}{2} \phi @ 10" O.C.$	$\frac{1}{2} \phi @ 8" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	6'-8" $\frac{1}{2} \phi @ 6" O.C.$	8'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-6" L+1'-6" $\frac{1}{2} \phi @ 12" O.C.$
37'-6" to 42'-0"	7'-6"	14,700 TO 17,640	392.7	$\frac{1}{2} \phi @ 10" O.C.$	$\frac{1}{2} \phi @ 8" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	6'-8" $\frac{1}{2} \phi @ 6" O.C.$	8'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-6" L+1'-6" $\frac{1}{2} \phi @ 12" O.C.$
40'-0" to 48'-0"	8'-0"	16,750 TO 20,250	418.9	$\frac{1}{2} \phi @ 9" O.C.$	$\frac{1}{2} \phi @ 8" O.C.$	$\frac{1}{2} \phi @ 6" O.C.$	7'-0" $\frac{1}{2} \phi @ 6" O.C.$	9'-0" $\frac{1}{2} \phi @ 8" O.C.$	W+1'-6" L+1'-6" $\frac{1}{2} \phi @ 12" O.C.$

CONCRETE SPECIFICATIONS
 THE CONCRETE MIX SHALL CONSIST OF ONE SACK OF CEMENT, 2.25 CU. FT. OF FINE AGGREGATE, 40 CU. FT. OF COARSE AGGREGATE AND ENOUGH WATER TO MAKE A WORKABLE MIX, BUT NOT TO EXCEED SIX GALLONS; OR, ONE SACK OF CEMENT, 50 CU. FT. OF BANK RUN GRAVEL AND ENOUGH WATER TO MAKE A WORKABLE MIX, BUT NOT TO EXCEED SIX GALLONS.
 THE AGGREGATE SHALL BE CLEAN, FREE FROM SILT AND CLAY, AND SHALL PASS A #10 SCREEN. TIME OF MIXING SHALL BE NOT LESS THAN 12 MINUTES.
 THE CONCRETE SHALL BE PLACED IN 2" FORMS IN HORIZONTAL LAYERS, NOT OVER 2" THICK AND THOROUGHLY SPADED ALONG THE FORMS AND AROUND THE REINFORCING STEEL.

FORM SPECIFICATIONS
 SPACING OF STUDDING-USE $\frac{3}{4}''$ SHEATHING 22" O.C.
 SPACING OF WALES-USE 2" X 4" STUDDING 30" O.C.
 SPACING OF TIES-USE DOUBLE 2" X 4" WALES 30" O.C.
 TIE AT EVERY STUD.
 SHORING SHALL BE 4" X 4" OR DOUBLE 2" X 4"
 "C" BARS TO EXTEND ACROSS BOTTOM SLAB AND UP SIDEWALLS WHEN W=3'-0" OR 3'-6"
 REINFORCING TO BE THE SAME FOR BOTH ENDS AND SIDEWALLS.
 BEND "B" BARS AT M.H. TO EXTEND UP M.H. WALLS.
 BEND "F" BARS IN TOP SLAB TO CONFORM WITH M.H.