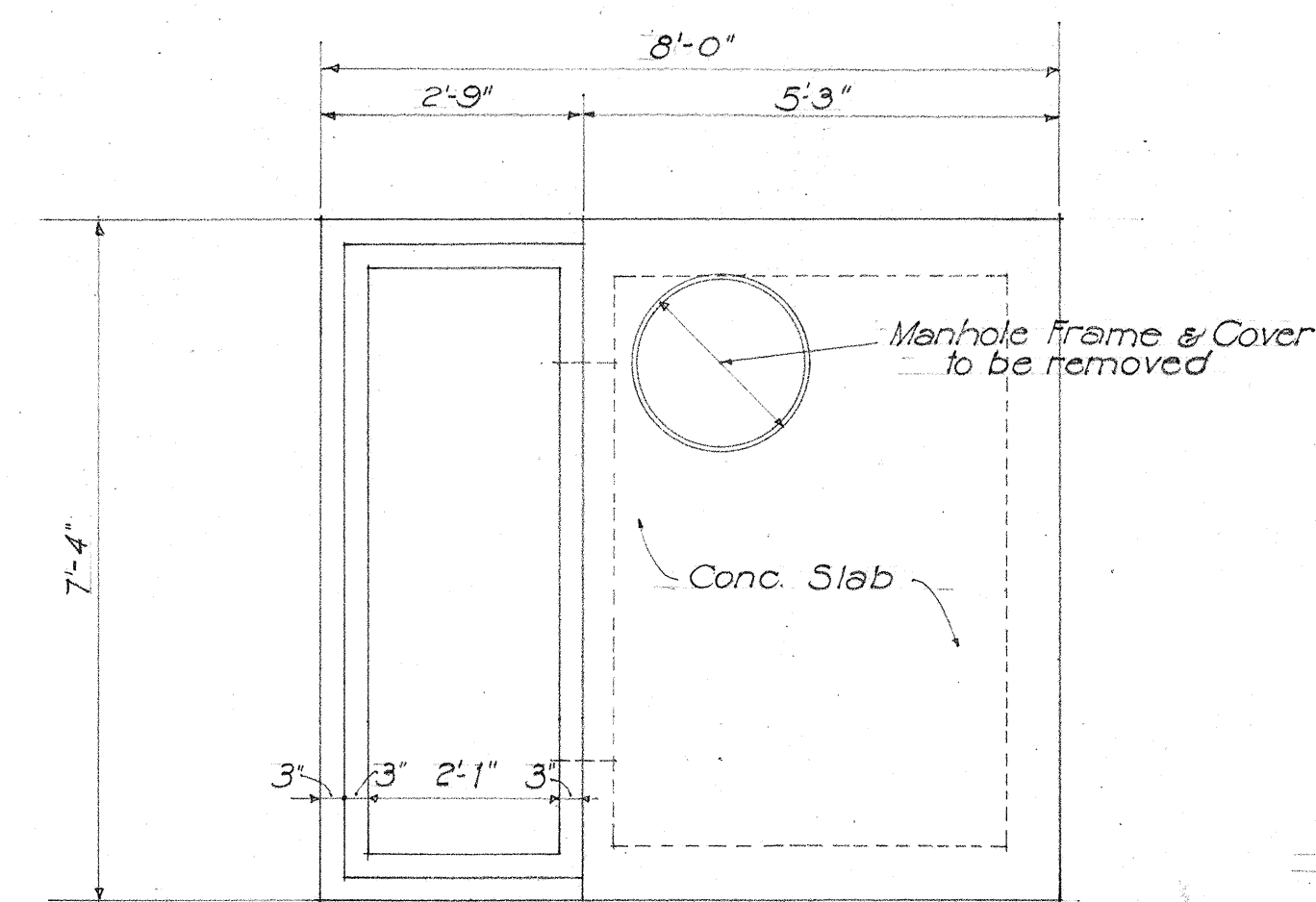
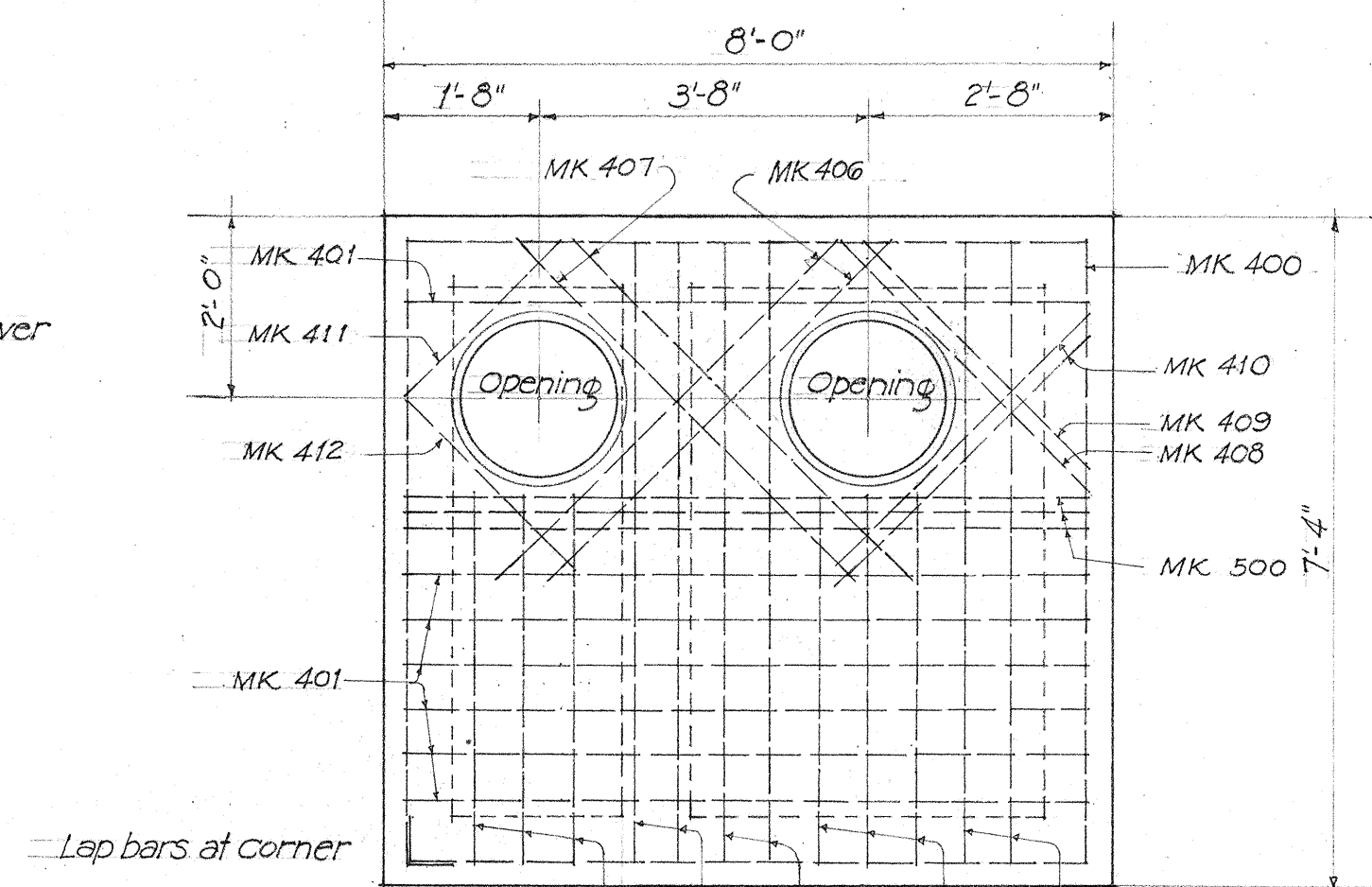
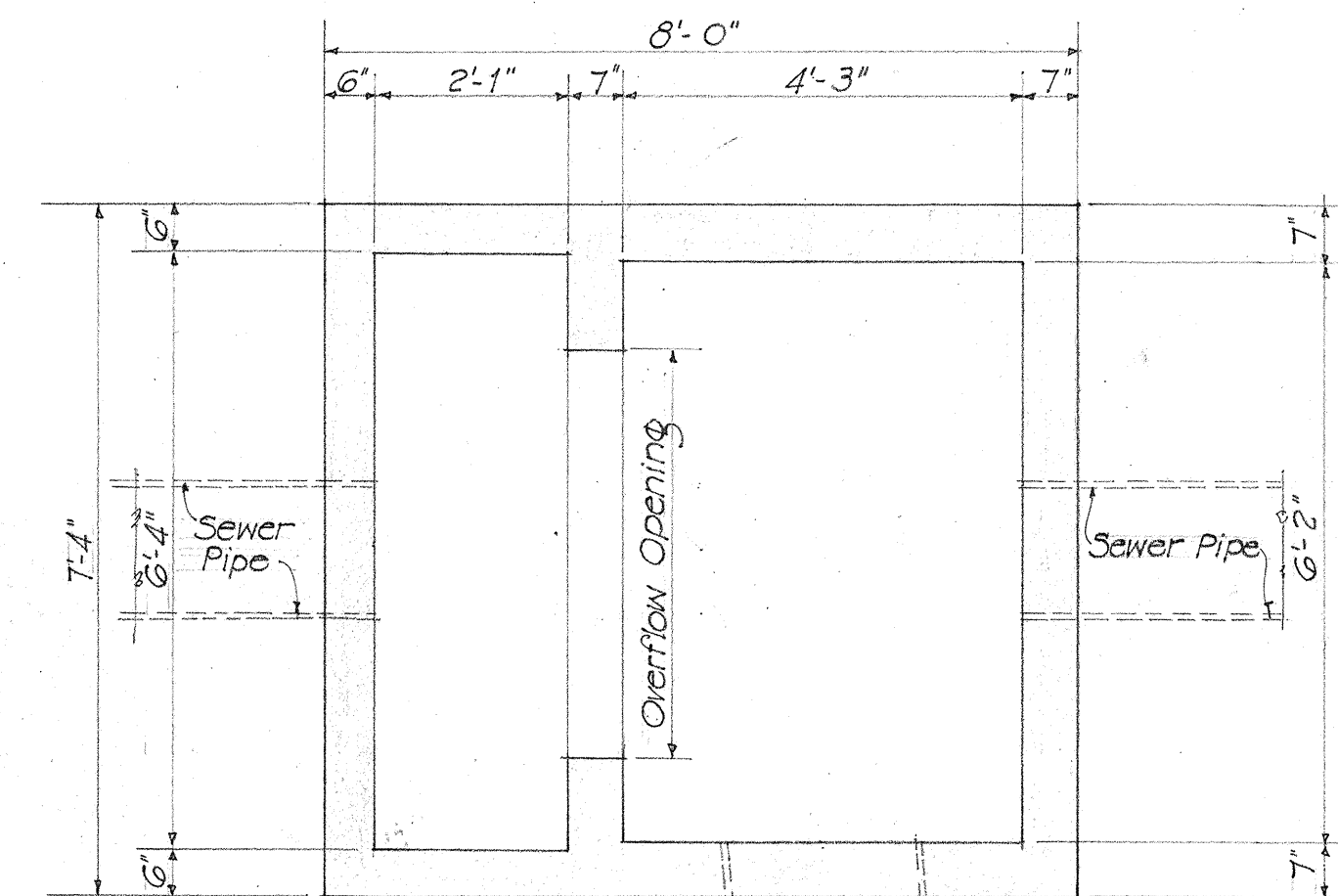




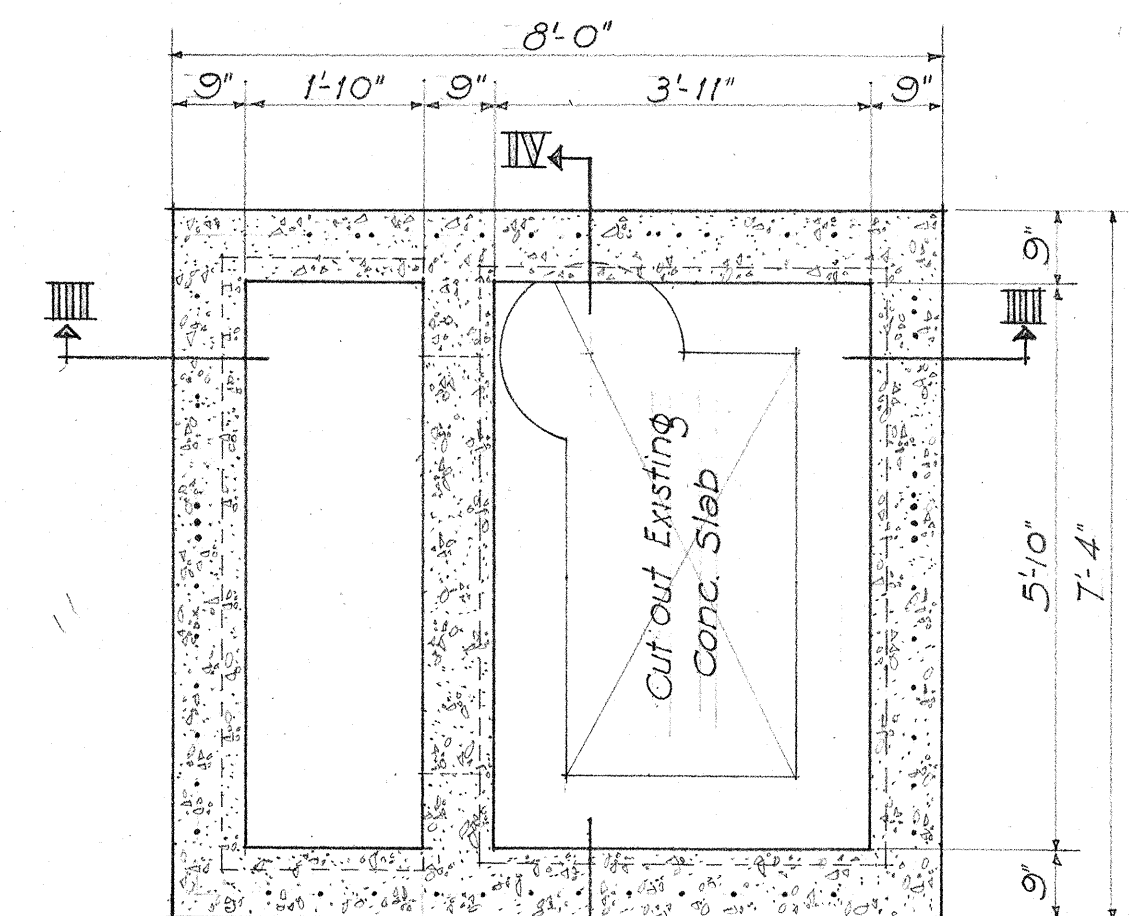
PLAN



PLAN



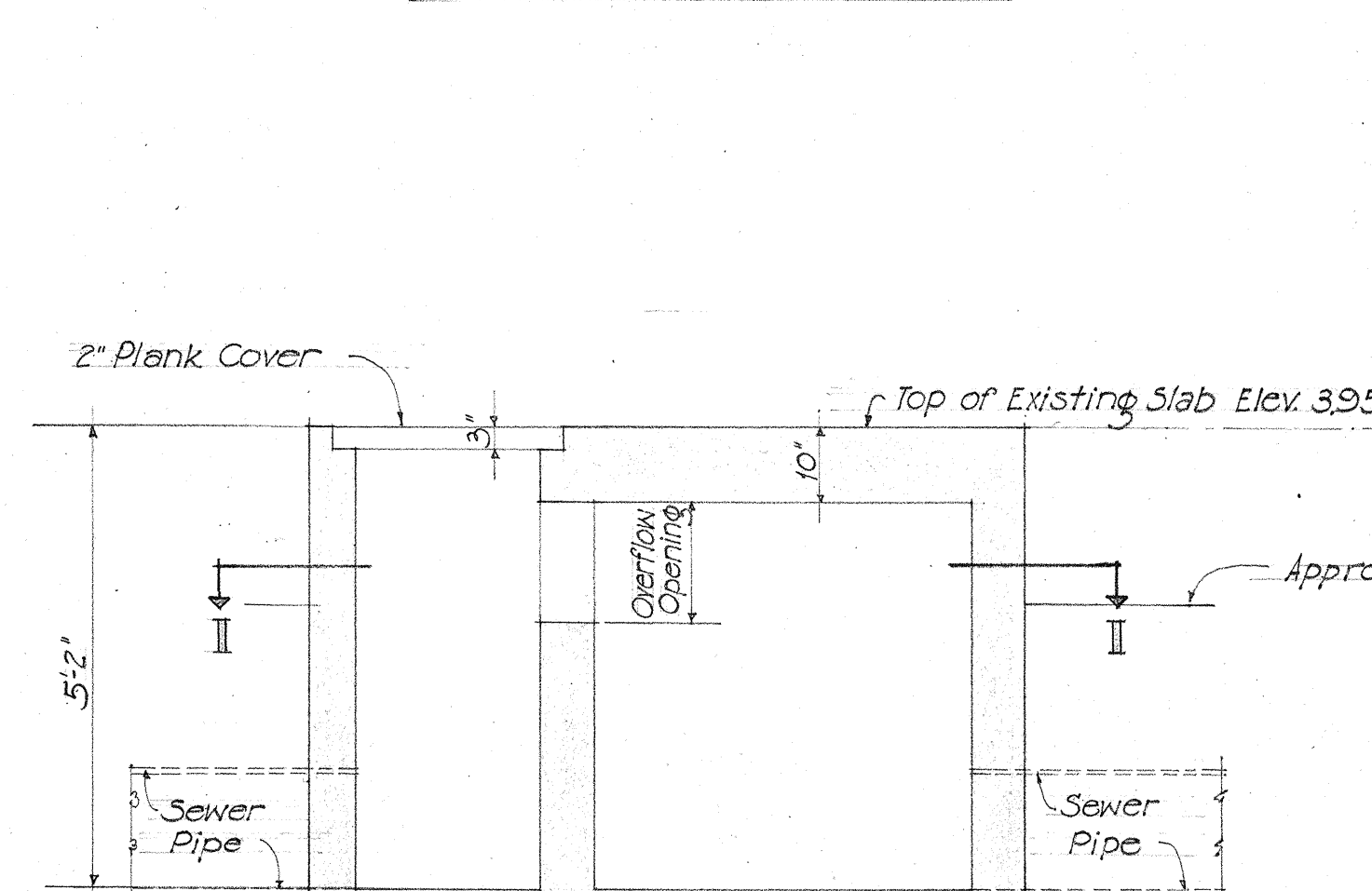
PLAN SECTION I-I'



PLAN SECTION III-III'

STEEL SCHEDULE					
MK	SIZE	NO. EA.	SHAPE	LGT. EA.	TOT. LGT. TOT. WGT.
400	$\frac{1}{2}$ " ϕ	1	7'-4" $\times$ 6'-9" Lap	29'-2"	29'-2" 19.5
500	$\frac{5}{8}$ " ϕ	3	7'-5 1/2" $\times$ 2'-0"	11'-8 1/2"	35'-1 1/2" 36.5
401	$\frac{1}{2}$ " ϕ	7	7'-5 1/2" $\times$ 2'-0"	11'-8 1/2"	81'-11 1/2" 54.9
402	$\frac{1}{2}$ " ϕ	4	6'-10" $\times$ 2'-0"	10'-10"	43'-4" 29.0
403	$\frac{1}{2}$ " ϕ	2	6'-10" $\times$ 2'-0"	11'-4"	22'-8" 15.2
404	$\frac{1}{2}$ " ϕ	3	4'-1" $\times$ 2'-0"	6'-1"	18'-3" 12.2
405	$\frac{1}{2}$ " ϕ	3	4'-1" $\times$ 2'-0"	6'-4"	19'-0" 12.7
406	$\frac{1}{2}$ " ϕ	2	5'-4" $\times$ 2'-0"	7'-4"	14'-8" 9.8
407	$\frac{1}{2}$ " ϕ	2	5'-4" $\times$ 2'-0"	7'-7"	15'-2" 10.2
408	$\frac{1}{2}$ " ϕ	1	3'-11" $\times$ 2'-0"	7'-11"	7'-11" 5.3
409	$\frac{1}{2}$ " ϕ	1	3'-7" $\times$ 2'-0"	7'-7"	7'-7" 5.1
410	$\frac{1}{2}$ " ϕ	2	3'-11" $\times$ 2'-0"	5'-11"	11'-10" 7.9
411	$\frac{1}{2}$ " ϕ	1	2'-5" $\times$ 2'-0"	6'-11"	6'-11" 4.6
412	$\frac{1}{2}$ " ϕ	1	2'-8" $\times$ 2'-0"	4'-11"	4'-11" 3.3
413	$\frac{1}{2}$ " ϕ	48	1/2" Dowel	1'-0"	48'-0" 32.2

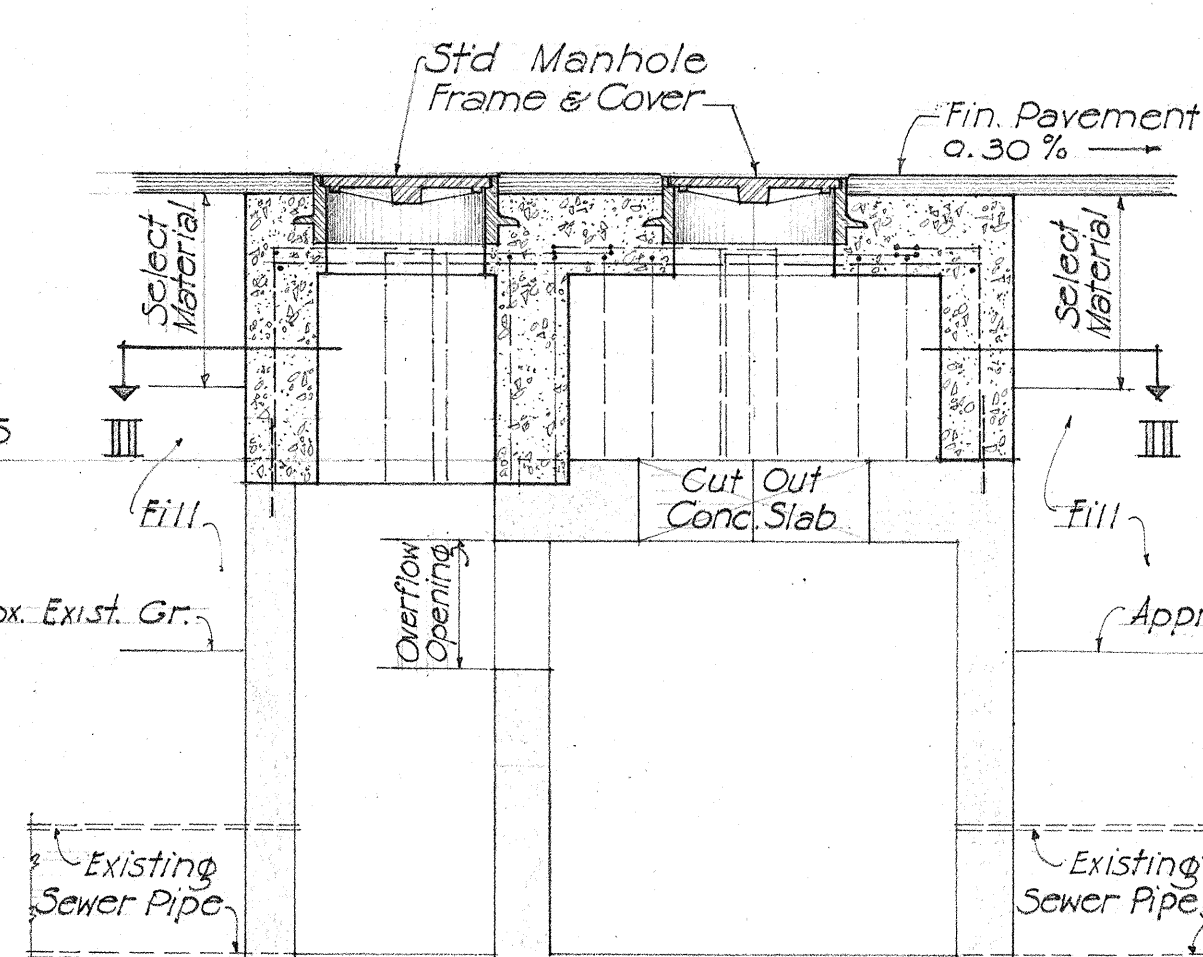
TOTAL WEIGHT 258.4 LBS.



CROSS SECTION

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

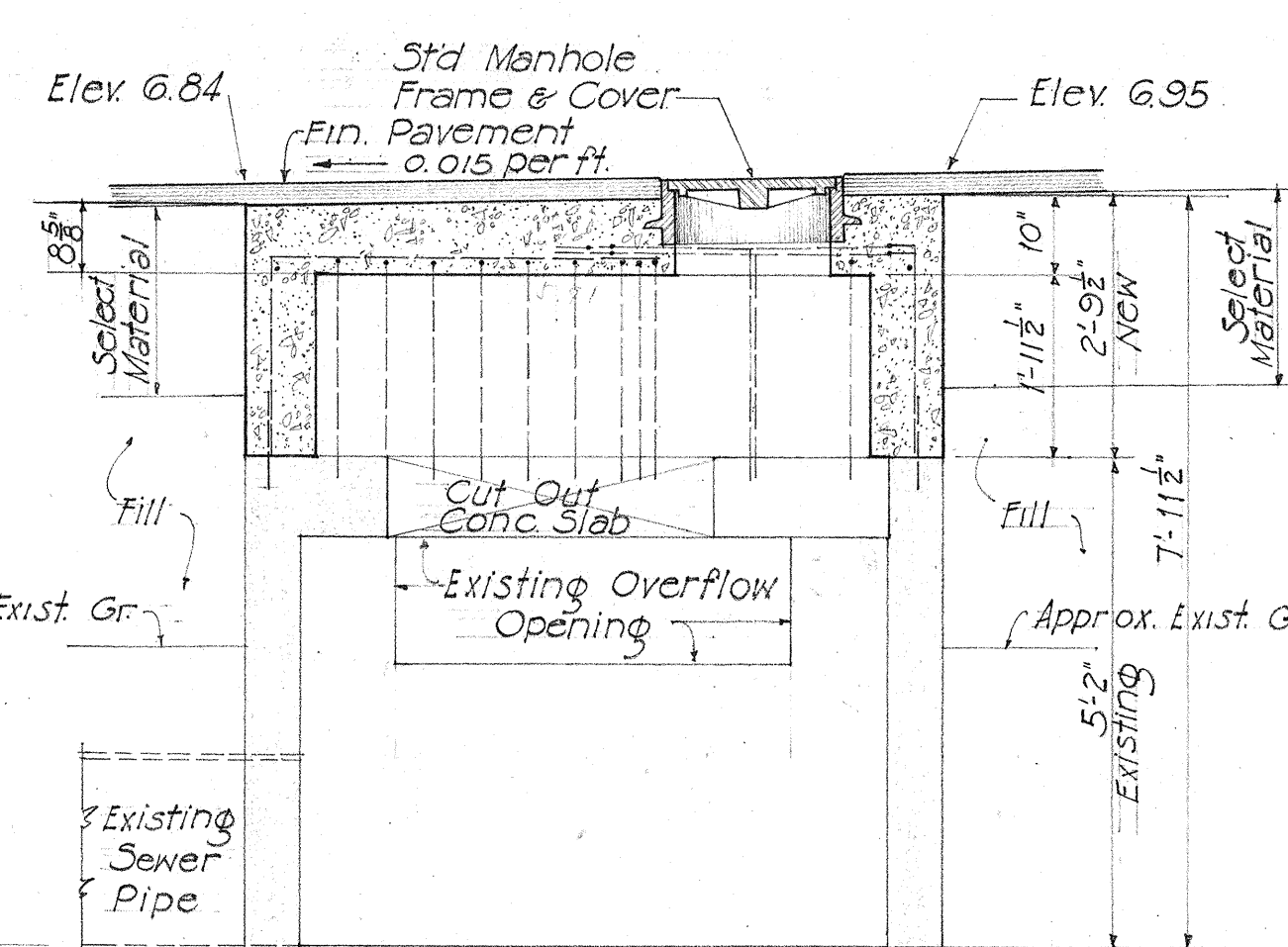
EXISTING



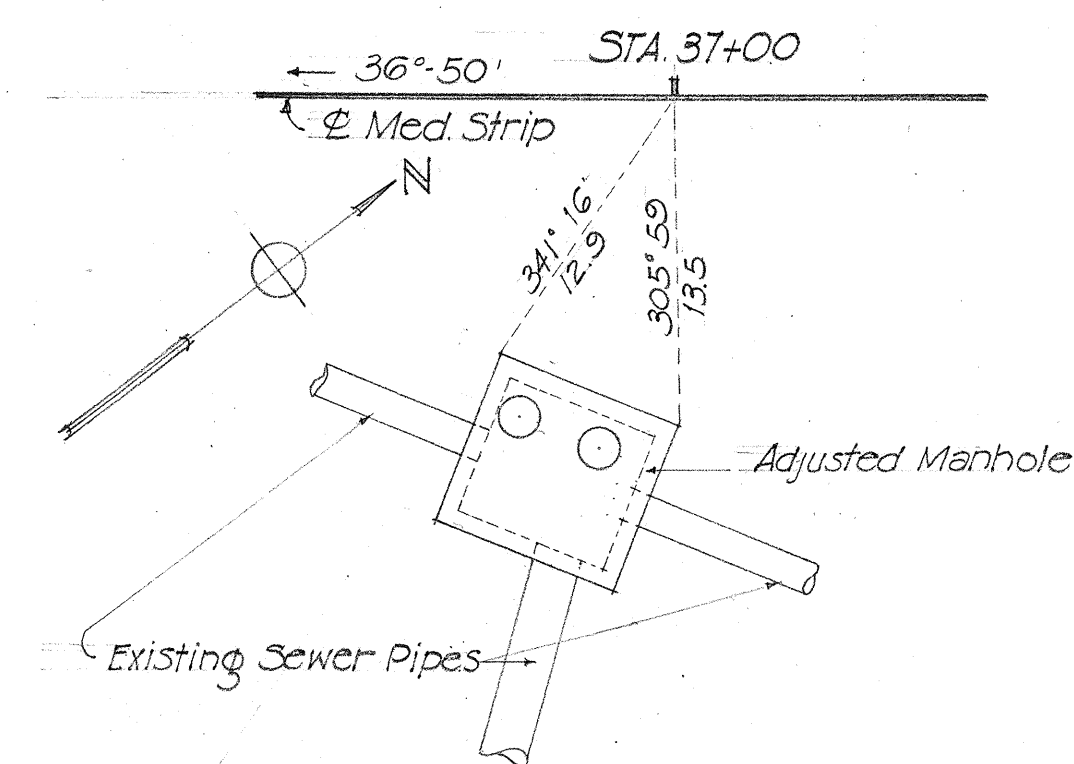
SECTION III-III'

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

PROPOSED



SECTION IV-IV'



LOCATION PLAN

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

ESTIMATED QUANTITIES	
ITEM	QUANTITIES
Reinforcing Steel	260 Lbs.
Class "A" Concrete	3.5 Cu. Yd.
Std. Casting - Type "A"	2 Only

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

DETAIL OF
ADJUSTING SEWER MANHOLE
AT STA. 37+00

Scale: As Noted PROJ. NO. DA-WR 5(1)

SHEET NO. OF SHEETS

5136.13

DETAIL SHOWING ADJUSTING MANHOLE AT 16 FT. RIGHT OF STA. 37+00