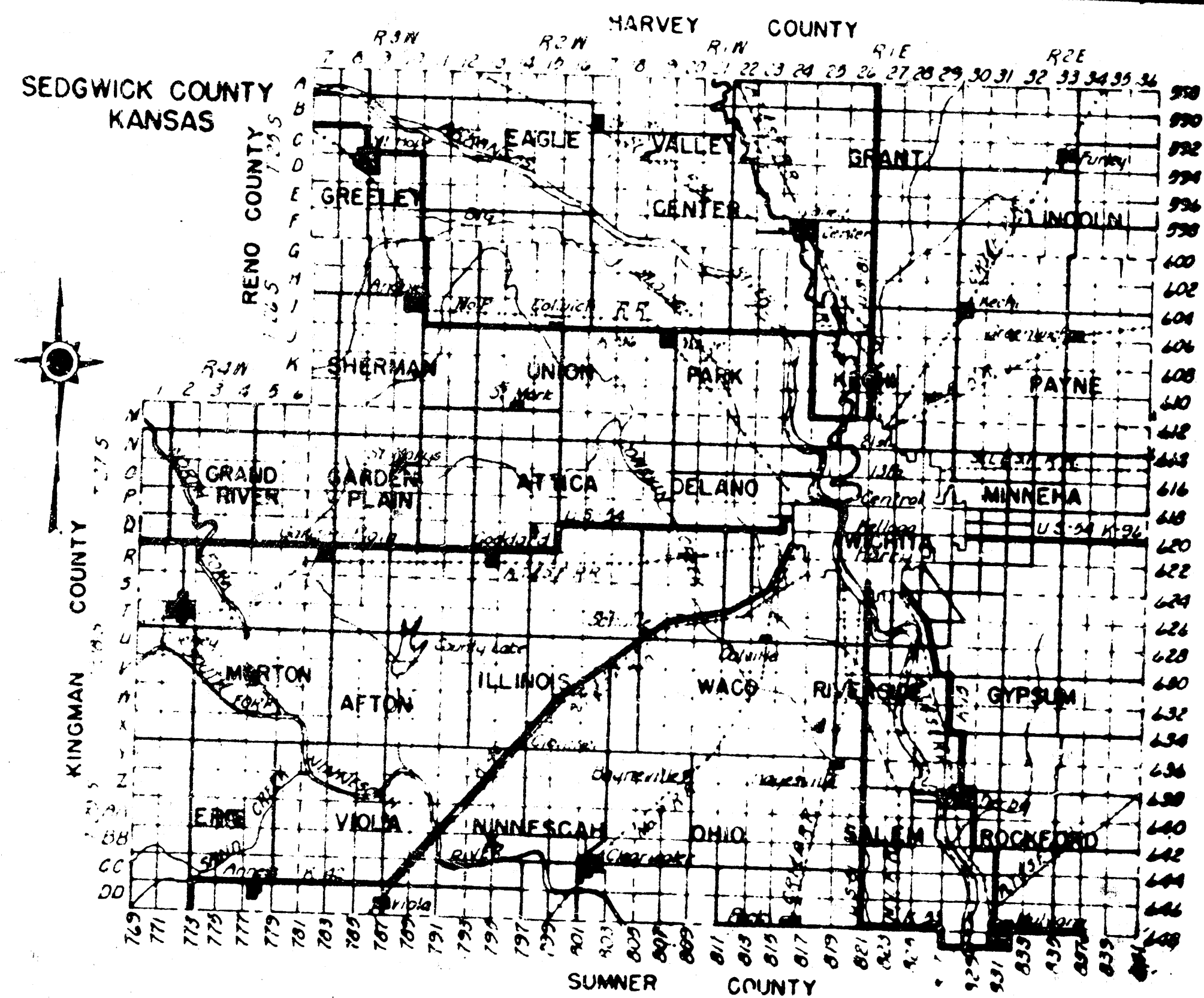




SEDGWICK COUNTY ENGINEERING DEPARTMENT

PLAN AND PROFILE OF PROPOSED

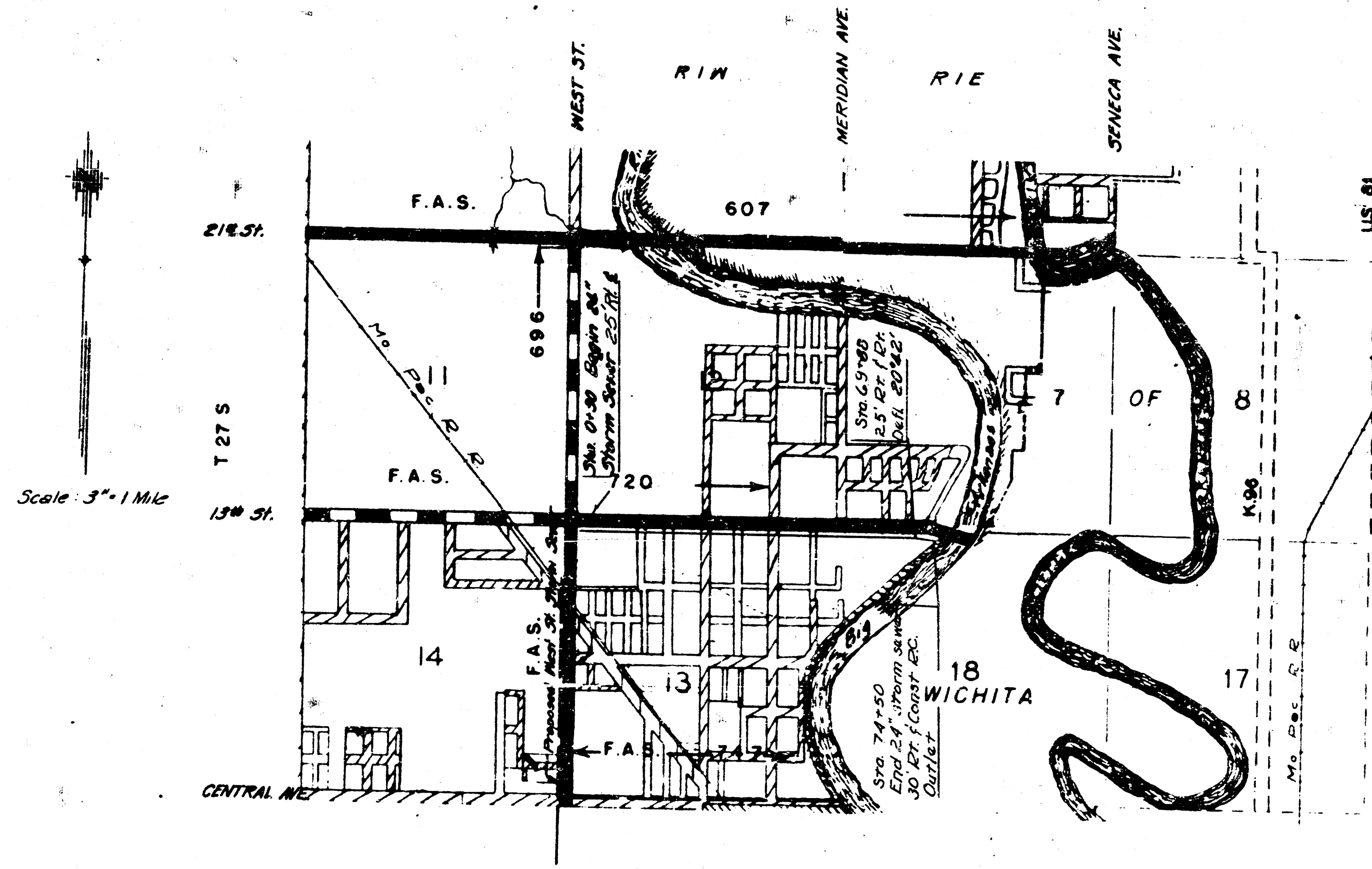
13 TH. STREET STORM SEWER

DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	KANS.		1	5

INDEX TO SHEETS	
1	Title Sheet
2-3	Plan and Profile
4	sewer Appurtenances

SUMMARY OF QUANTITIES	
Lay 24" R.C. Pipe	7475 L.F.
Lay 12" " "	156 L.F.
Construct Manholes (14)	84 V.F.
Construct Curb Inlets	8 Ea.
Install 12" R.C. Pipe	4 Ea.
Construct Conc. Outlet	7 Ea.
Install Manhole Steps	53 Ea.
Total Manhole Construction	84 L.F.
Install Concrete Brick Inlet (East iron grate)	1 Ea.
Drive 12" Piling (4)	80 L.F.

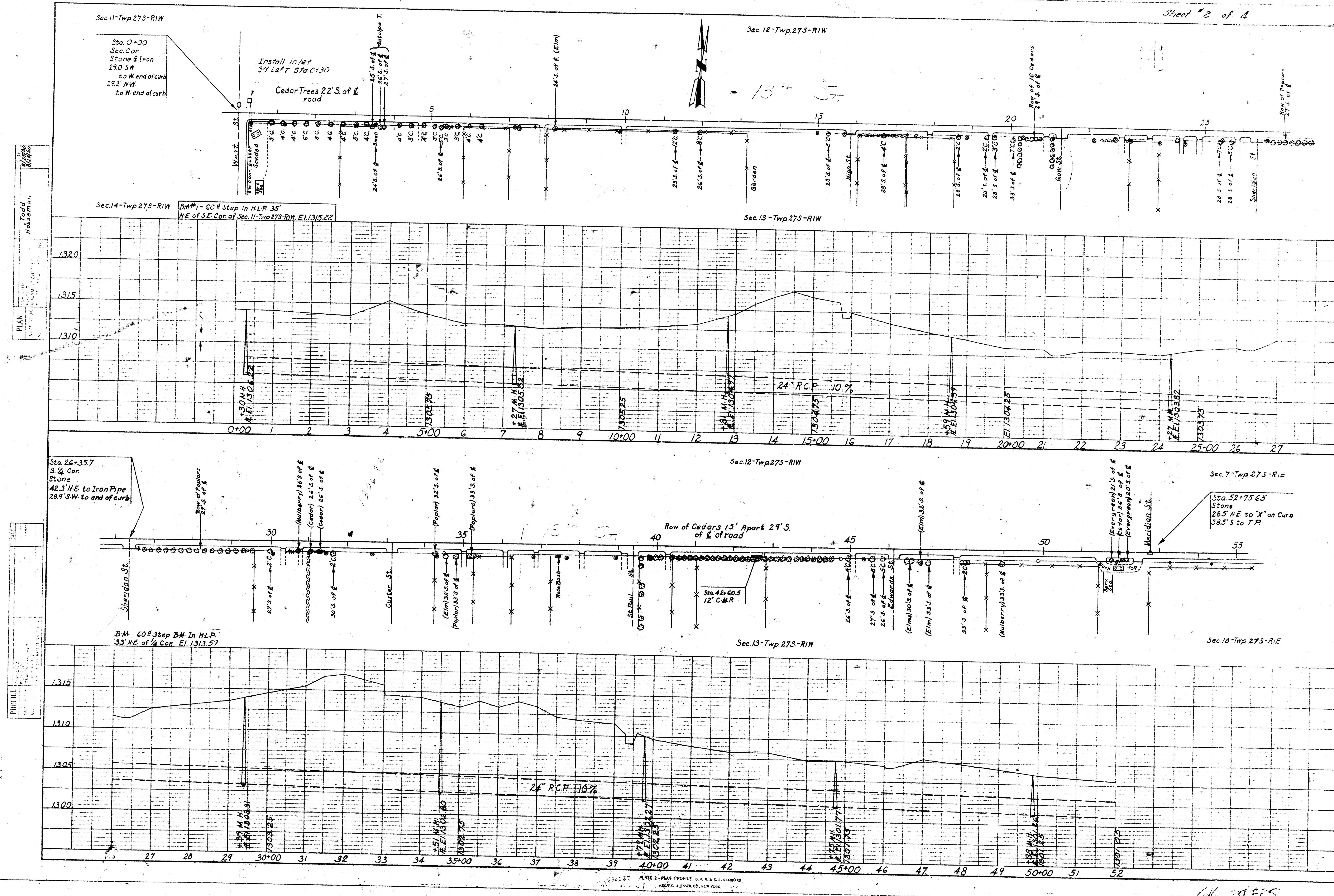
BILL OF MATERIAL	
12" R.C. Pipe	156 L.F.
24" " "	7475 L.F.
Brick	14,380 Ea.
Manhole Covers (14)	980 Lbs.
Manhole Rings (14)	476 Lbs.
Mortar	13.6 C.Y.
Concrete in Manhole Bases	12.6 C.Y.
Concrete for Outlet	7.0 C.Y.
Concrete in Inlets	4.0 C.Y.
Reinforcing Steel (Inlets)	133 Lbs.
Reinforcing Steel (Outlet)	397 Lbs.
Curb and Outlet 3H. Plates	950 Lbs.
Total Cast Iron	1750 Lbs.
Total Concrete	372 C.Y.
Total Reinforcing Steel	531 Lbs.
Total Steel Plates	950 Lbs.
Total Steel Steps	287 Lbs.
12" x 20" Treated Timber Piling	80 L.F.



Gross Length of Project	7475	Feet
Exceptions	None	None
Additions	None	None
Net Length of Project	7475	Feet

Oct. 6, 1930
Supt. 1930
Revised July 1930 M.L.F.

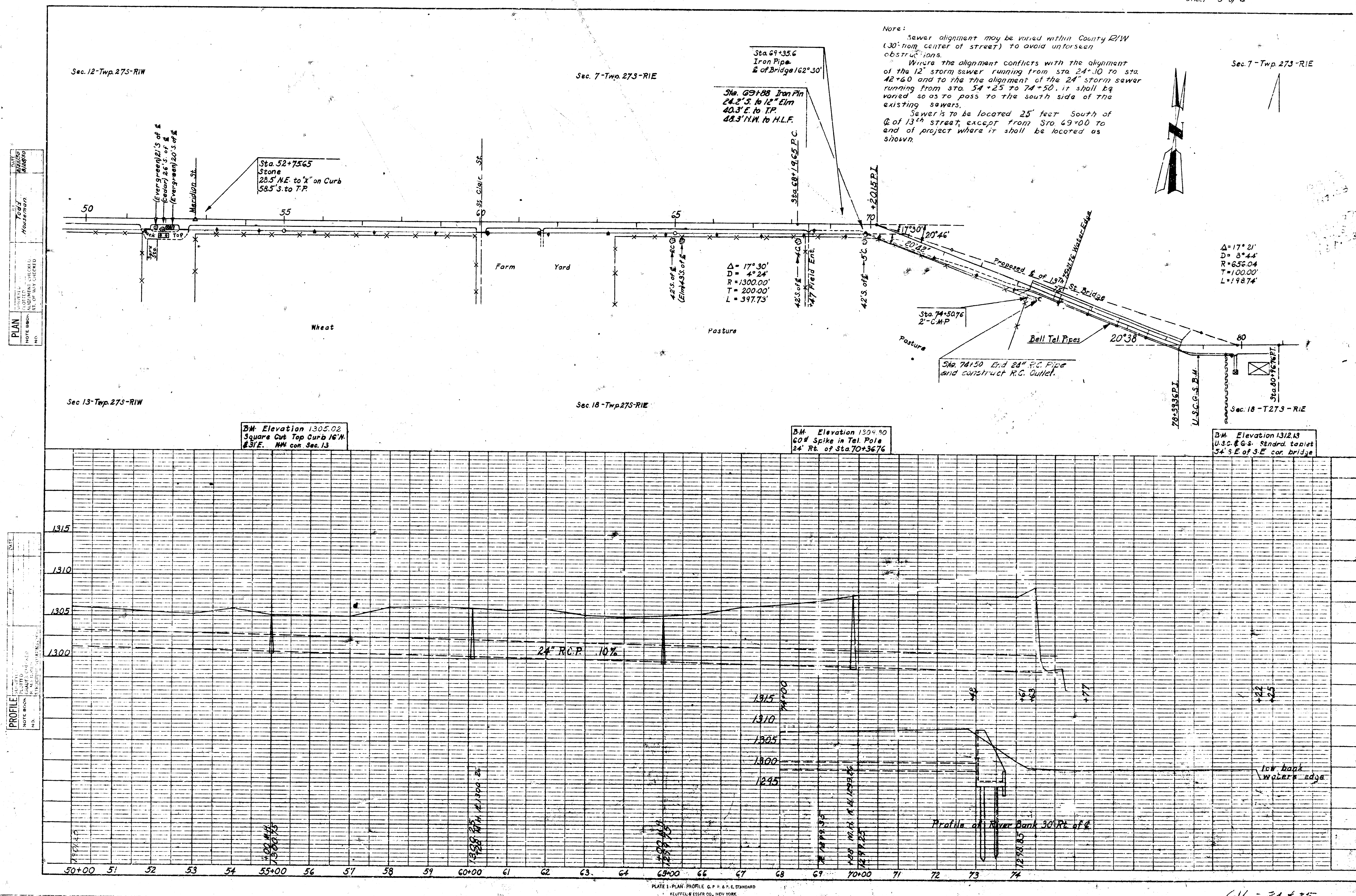
616-24825 4 sheets



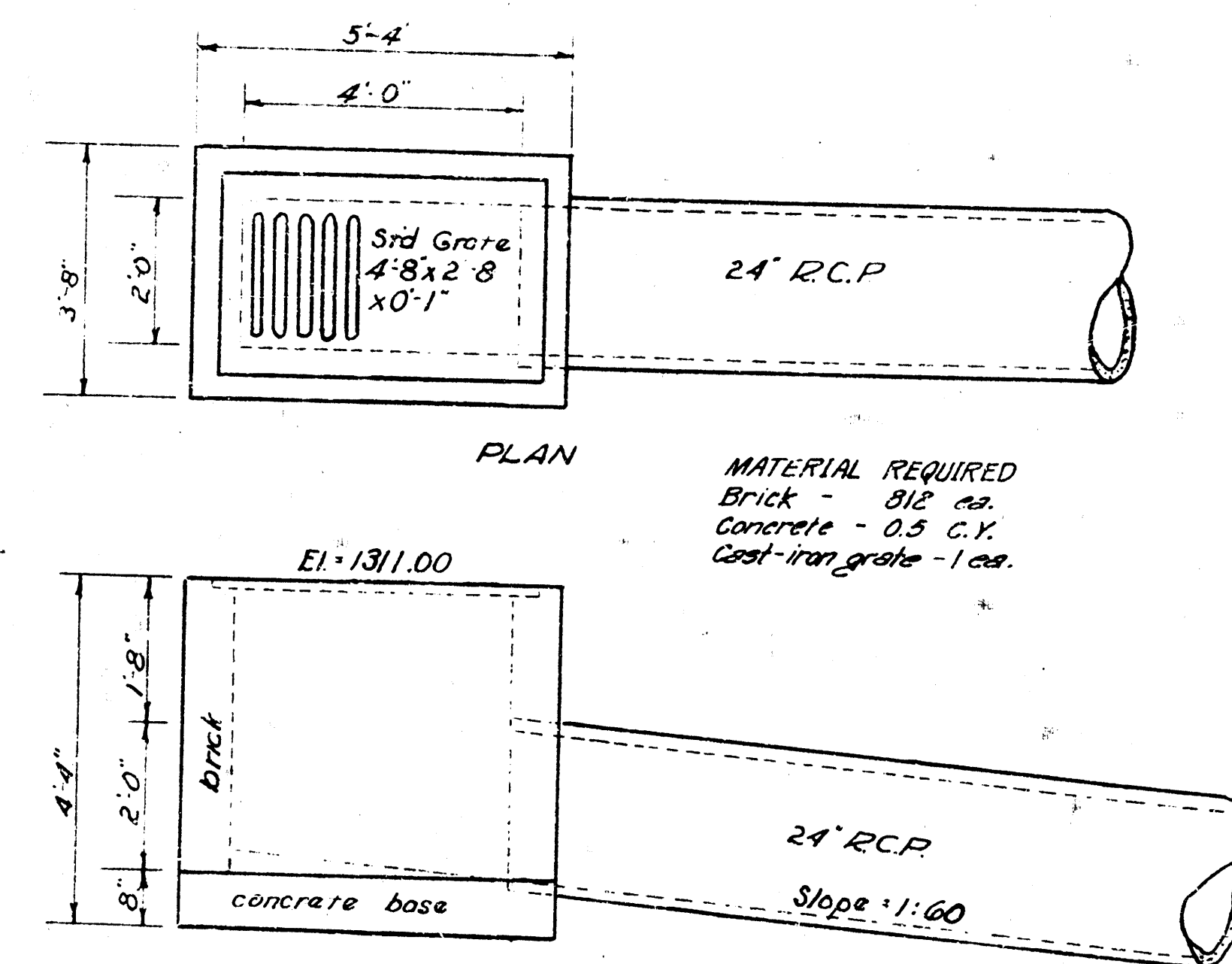
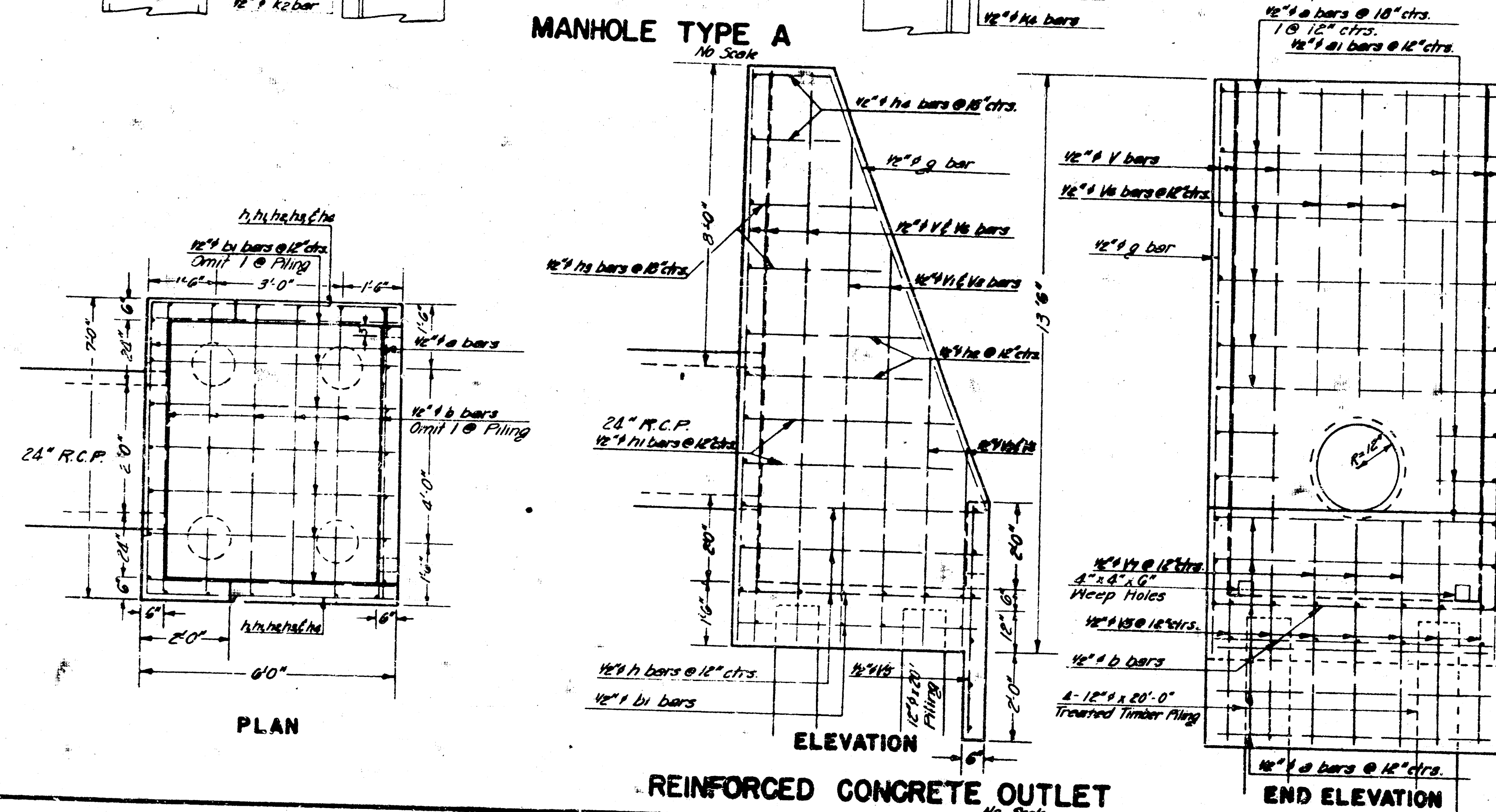
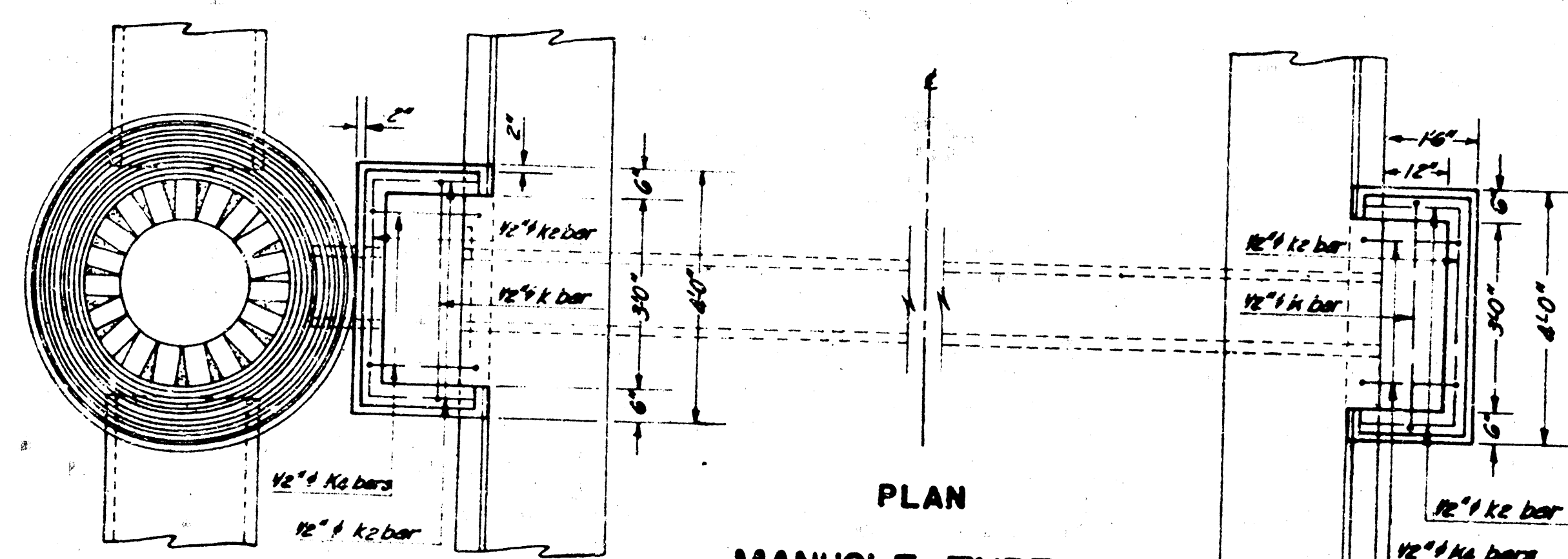
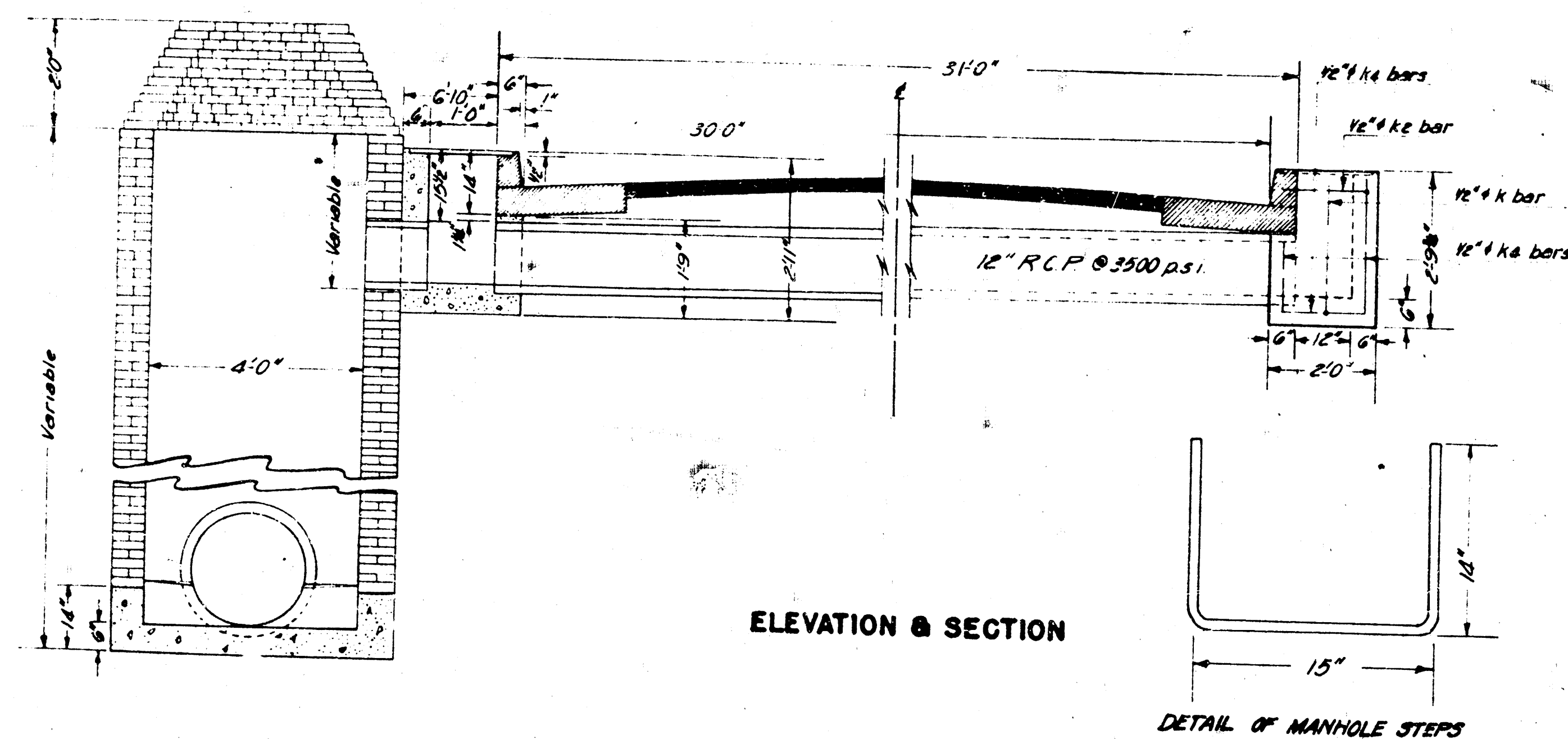
PLAN

PROFILE

616 24825



616-24825



BILL OF MATERIAL FOR BASINS

A diagram of a rectangular slab. The horizontal dimension is labeled 'M' and the vertical dimension is labeled 'X'. The slab is reinforced with bars labeled 'K, K1, K2, K3 & K4' shown as lines within the rectangle. The bars are distributed as follows: K is a vertical bar on the left, K1 and K2 are horizontal bars near the top and bottom respectively, K3 is a vertical bar on the right, and K4 is a horizontal bar near the top and bottom respectively.

BAR		DIMENSIONS		
		M	X	Y
K	3'6"	2'4"	2'4"	
K1	3'6"	1'0"	1'0"	
K2	3'6"	1'6"	1'6"	
K3	1'0"	2'0"	1'0"	
K4	1'6"	1'0"	2'4"	

BAR	K	K1	K2	K3	K4
NO	0	0	0	0	16
SIZE	12#	12#	12#	12#	12#
LENGTH	8'0"	7'0"	8'0"	3'0"	3'0"
TOTAL LBS RE-STEEL 133					

BILL OF MATERIAL FOR CONCRETE OUTLET

BAR		V	V1	V2	V3	V4	V5	V6	V7	V8
NO.		1	2	3	4	5	6	7	8	9
SIZE		12#	12#	12#	12#	12#	12#	12#	12#	12#
LENGTH		12'0"	12'0"	12'0"	12'0"	12'0"	12'0"	12'0"	12'0"	12'0"
TOTAL LBS. RE-STEEL		577								
TOTAL YDS. CLASS 14" CONCRETE		7.0								
TREATED PILING 4" x 12" x 12'		TOTAL 80 LBS.								

GENERAL NOTES

All concrete to be Class 14". Bevel all exposed edges with a 3/4" triangular mallet. Torque and Groove Reinforced Concrete Pipe @ 3500 p.s.i. to be used thru-out. 19" x 44" x 1/2" steel plate covers to be used on curb inlets. 8' required.

Manhole Type "A" with Curb Inlets to be constructed 25' R.T. @ 13th St. @ Sta. 7+27, 24+27, 35+00, and 65+00. Construct Manhole Type "A" existing Curb Inlets and Cross-Road Pipes 25' R.T. @ 13th St. @ Sta. 0+30, 12+01, 18+59, 29+39, 34+51, 39+79, 44+75, 49+88, 60+20, 69+00.

Construct Concrete and Brick Inlet with Grate and Cross-Road Pipe 30' L.R. @ 13th St. @ Sta. 0+50. End Reinforced Concrete Pipe and construct Reinforced Concrete Outlet on 12" x 12" Timber Piling 30' R.T. @ Present 13th St. Bridge @ Sta. 14+50.

SEWER APPURTENANCES

PREPARED BY				SEDGWICK COUNTY ENGINEERING DEPT.			
RUFUS S. KIRK				COUNTY ENGINEER			
REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.		
July 28, 1934	Noted				4		
Sept. 5, 50	DATE				4-64-20		
N.I.F.	PLANS				TOTAL SHEETS		