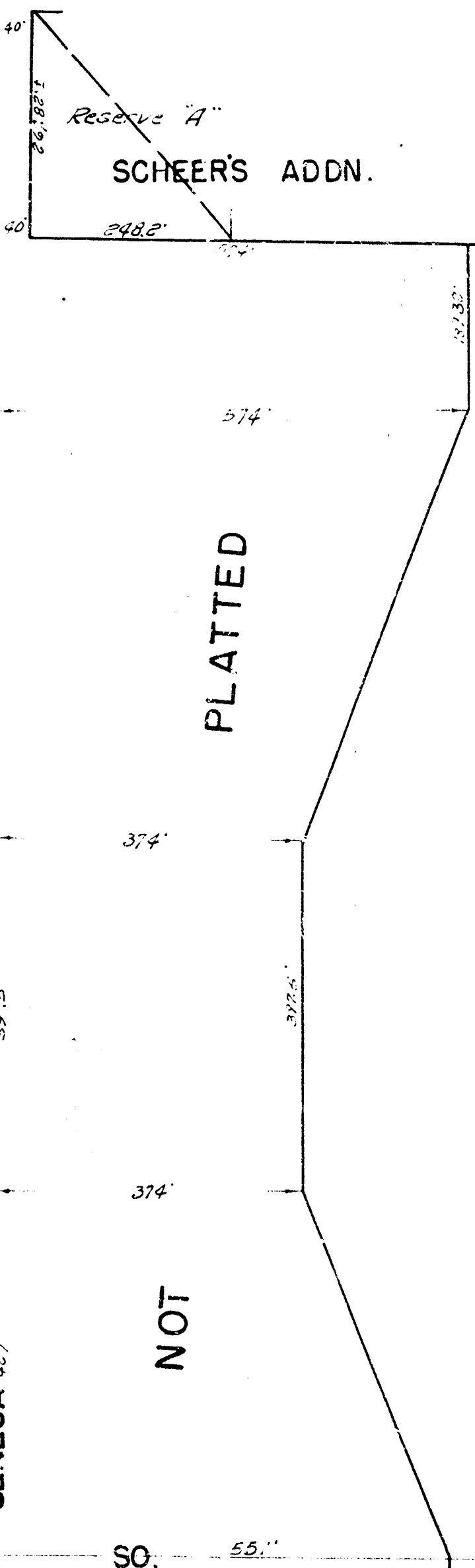
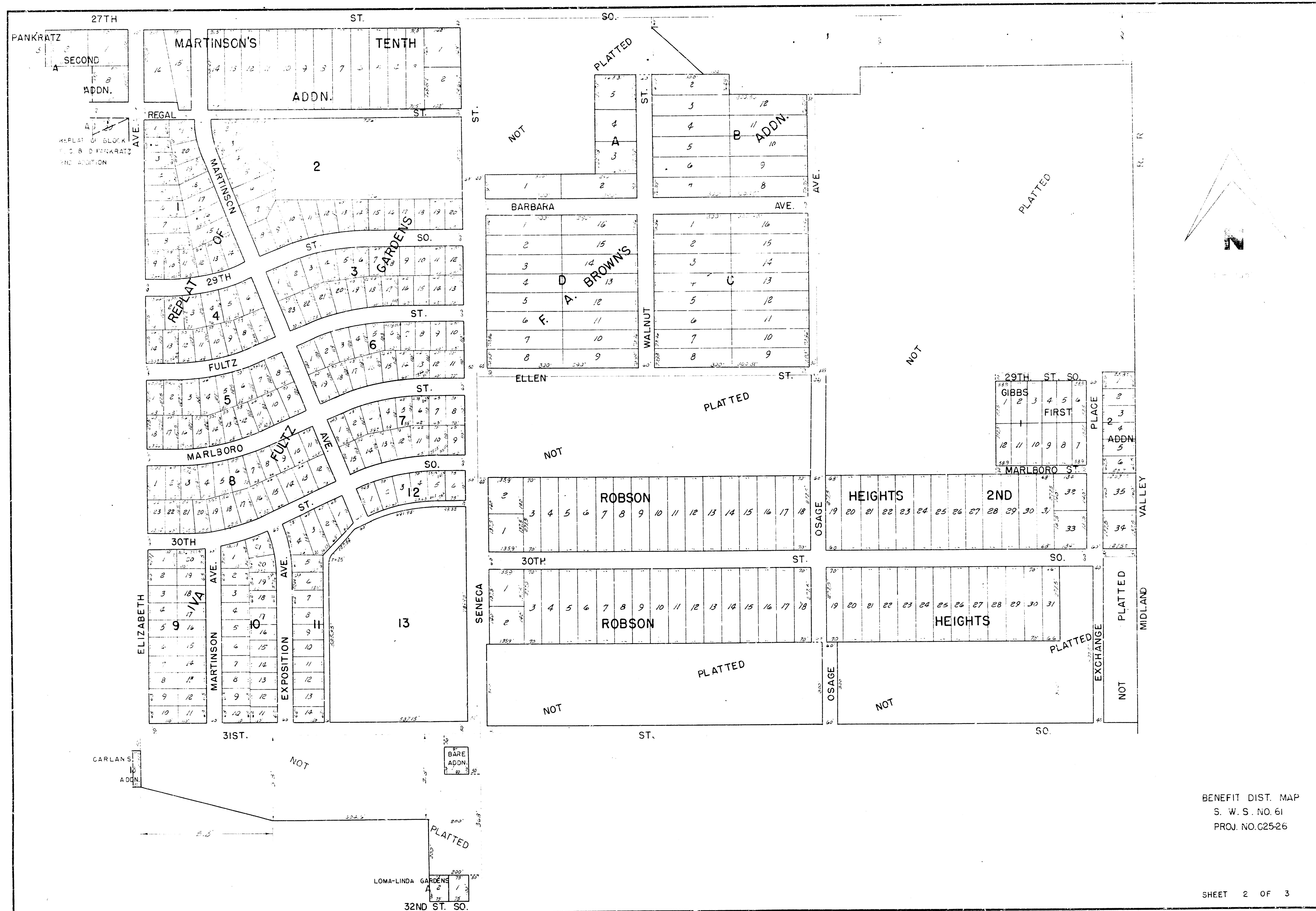
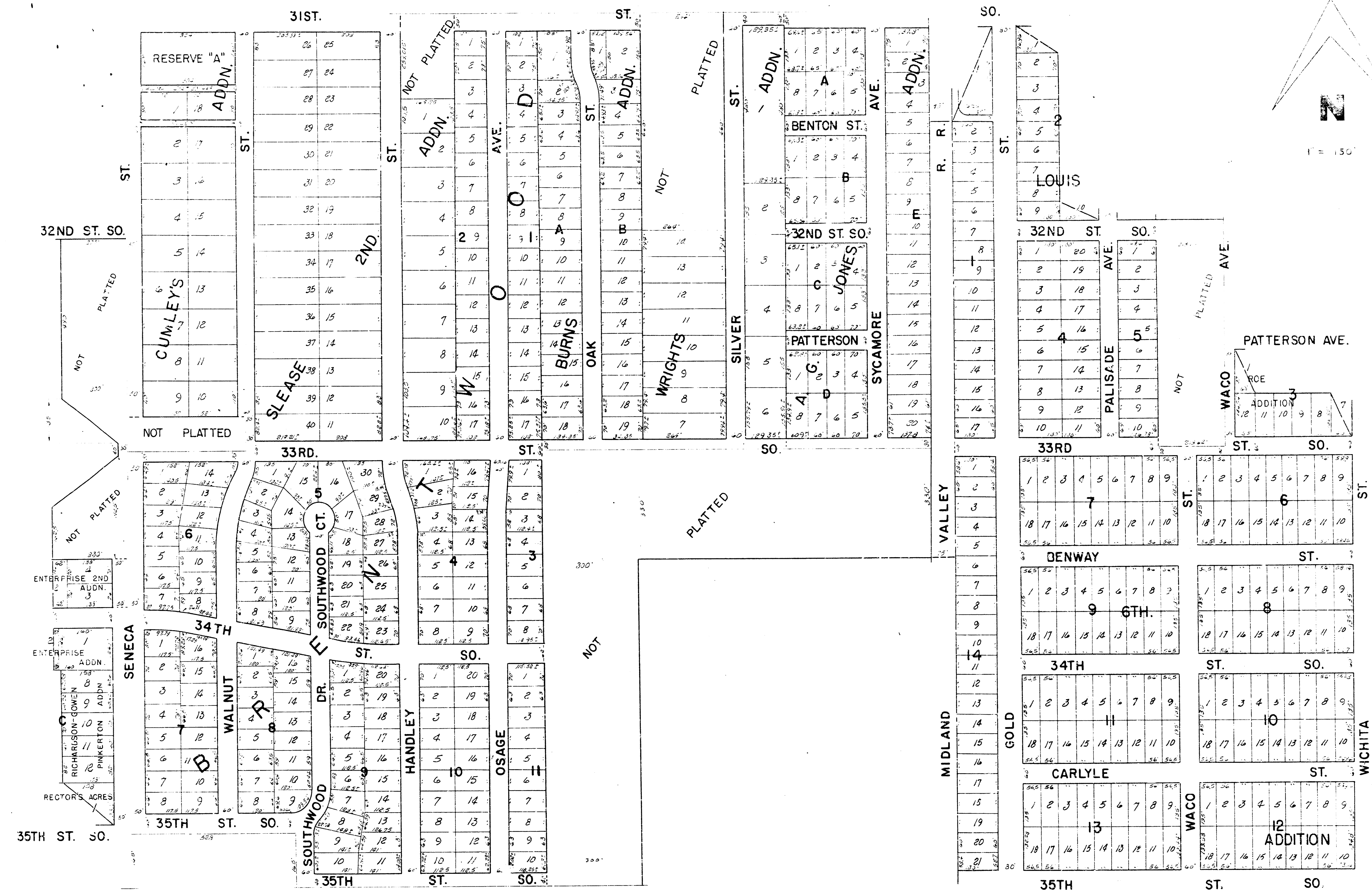


B. E. SMITH - CITY ENGINEER

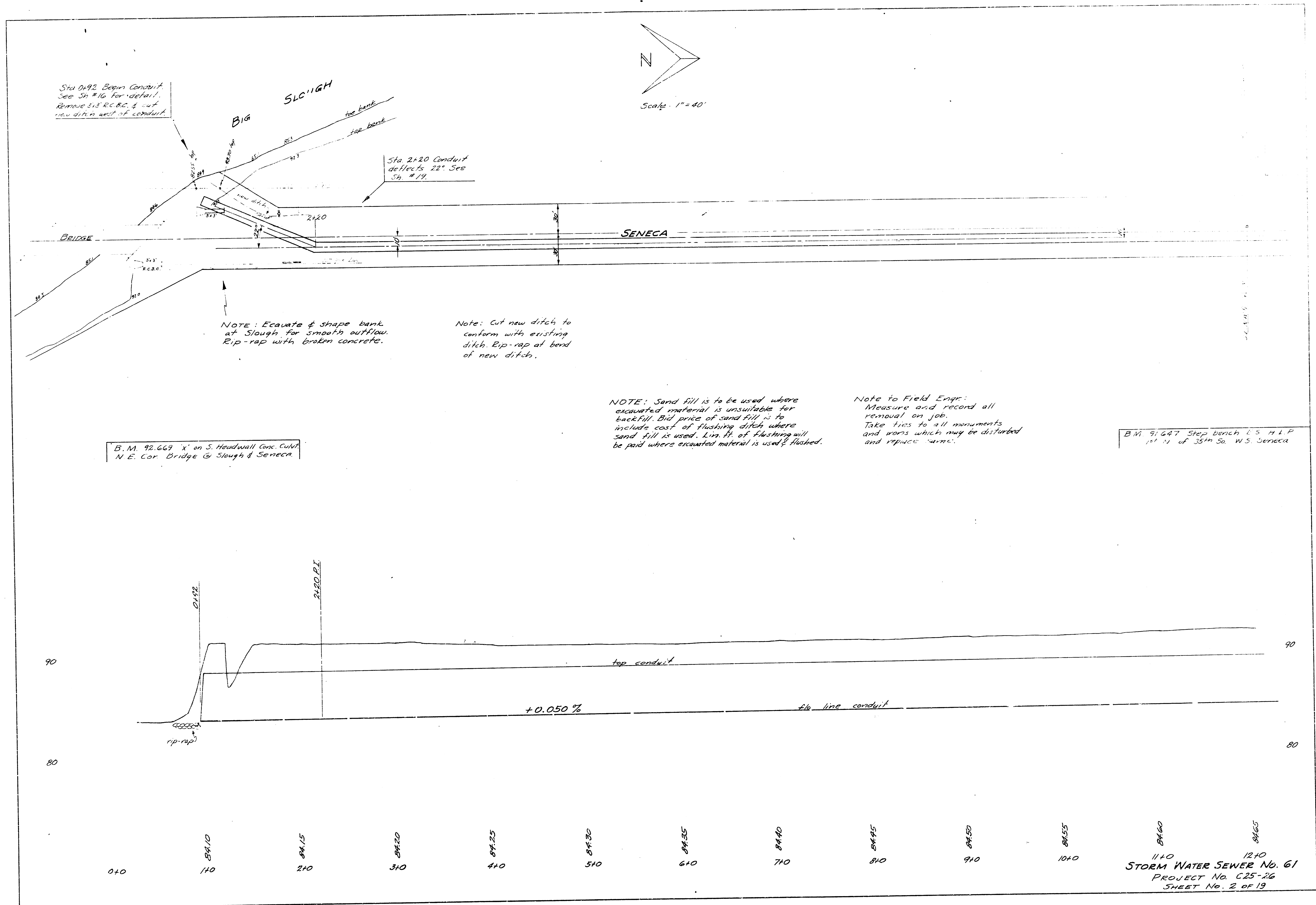
PROJECT NO. C 25-26

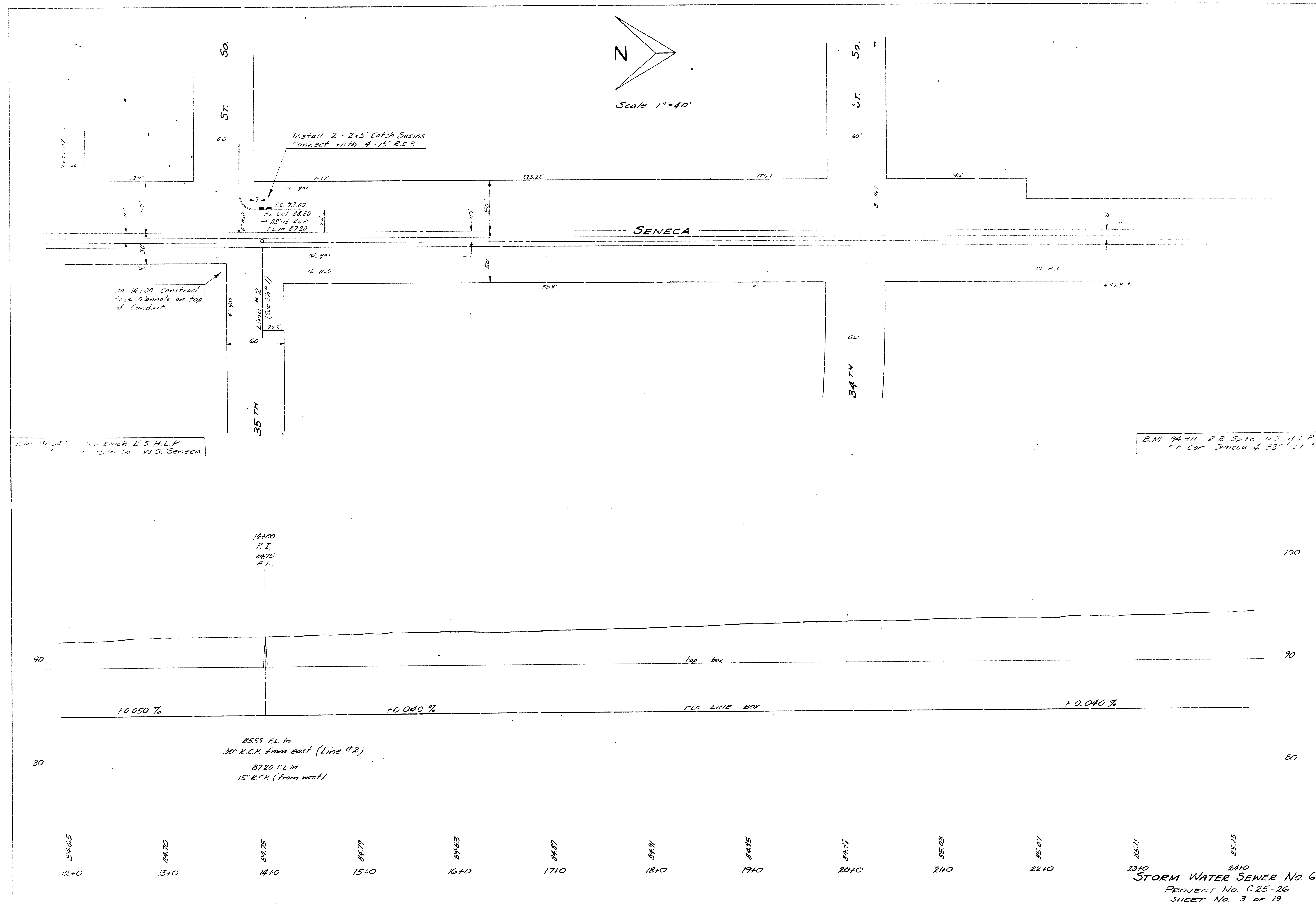
MARCH 1956

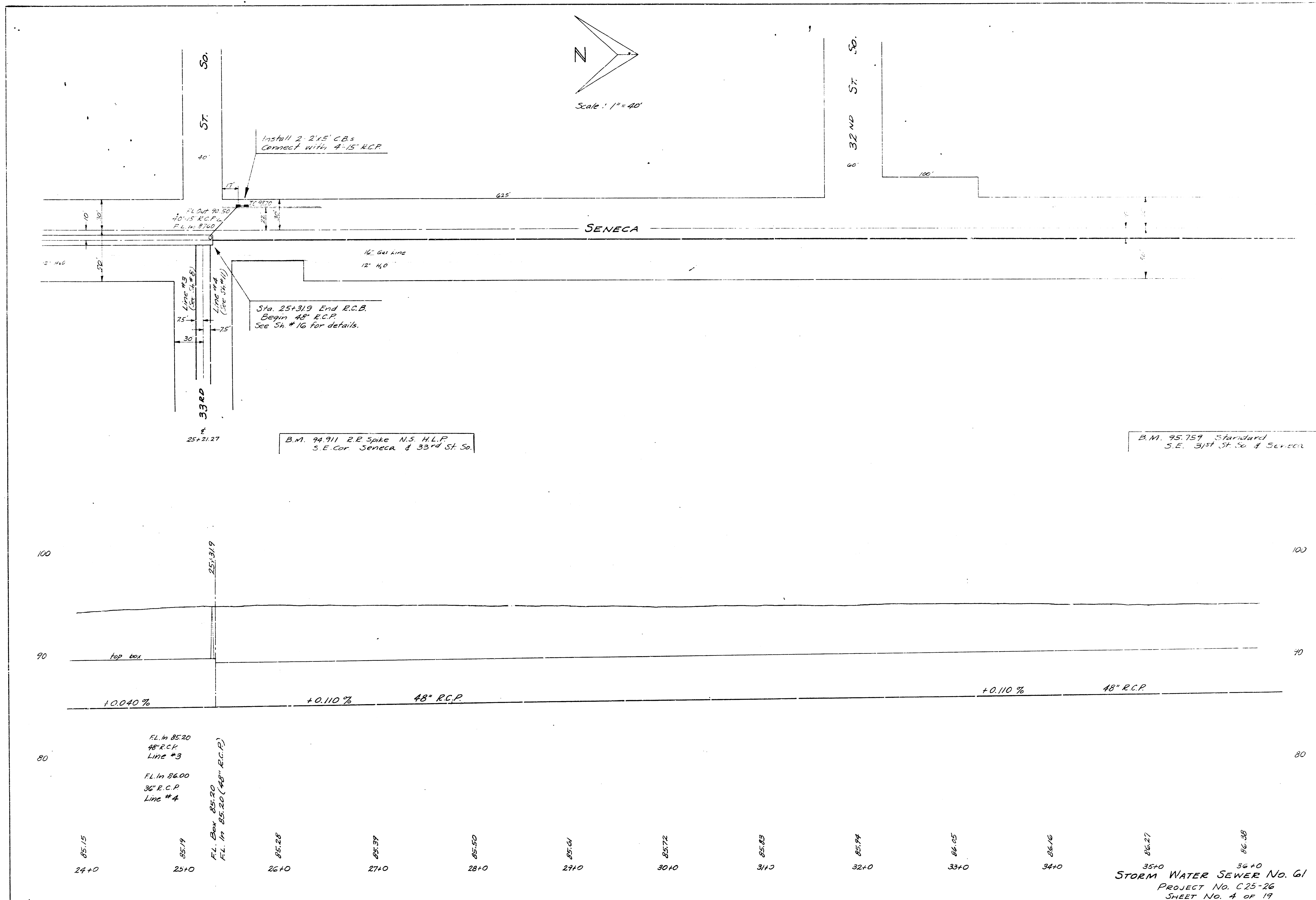


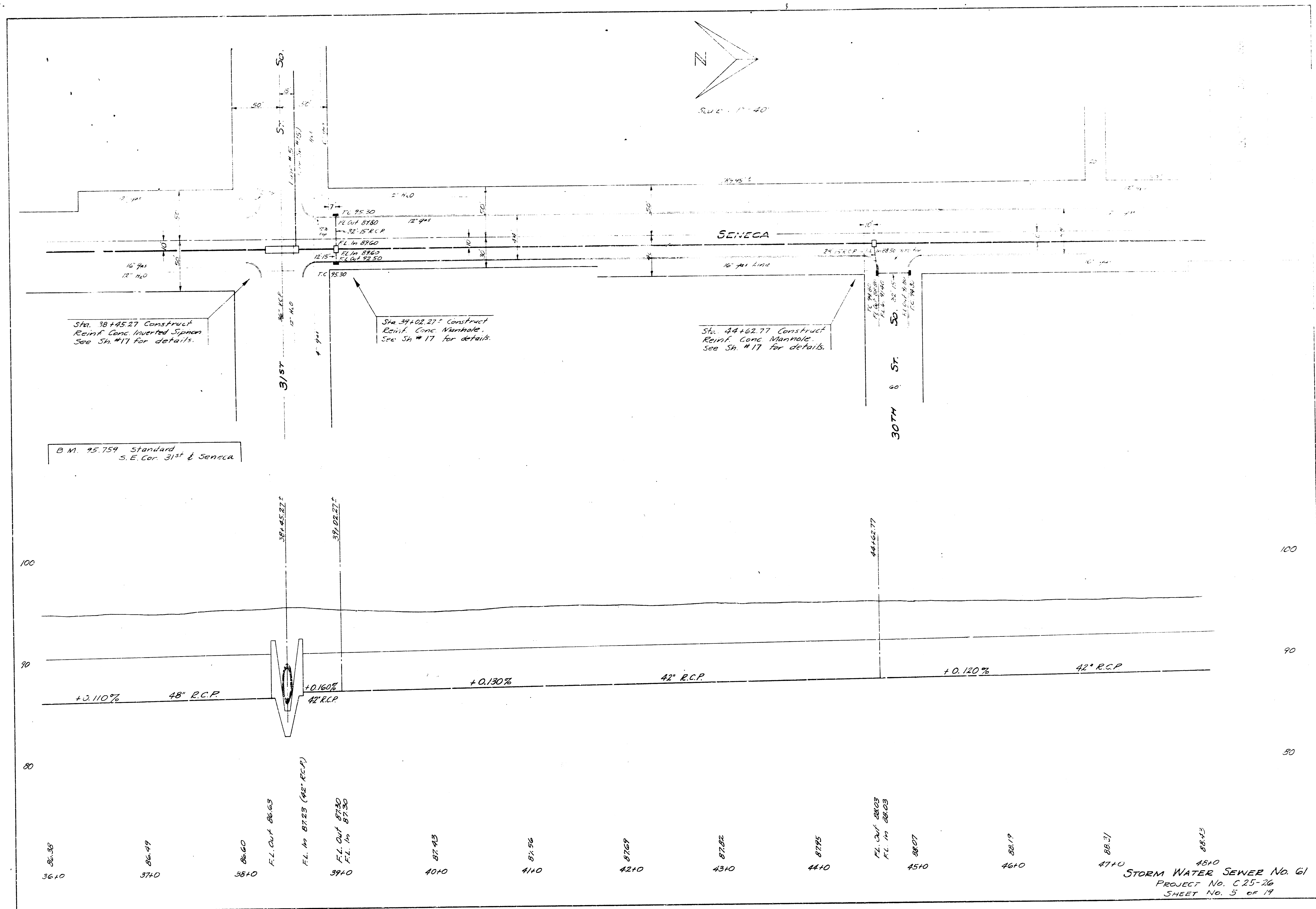


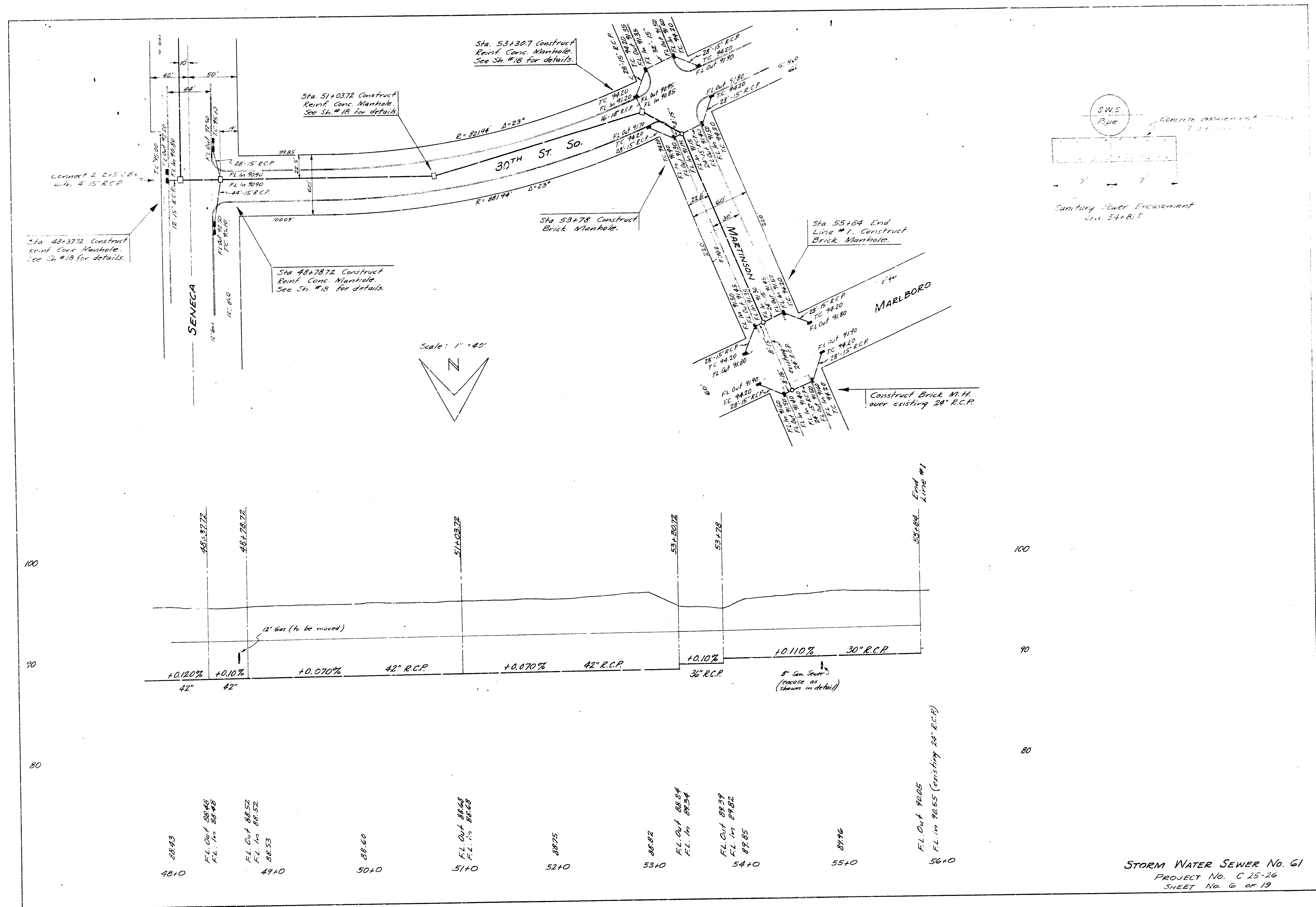
BENEFIT DIST MAP
S. W. S. NO. 61
PROJ. NO. 025-26

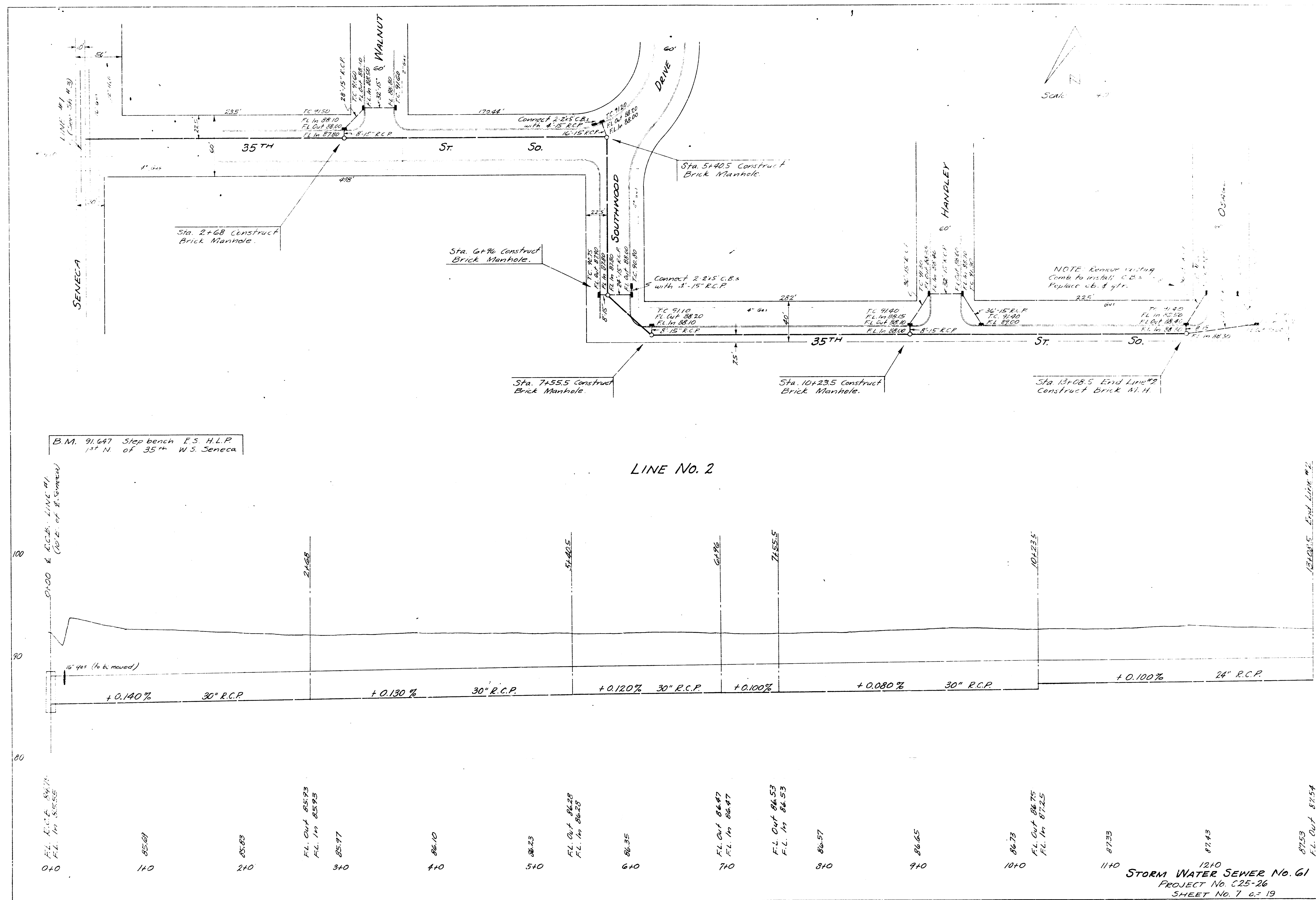


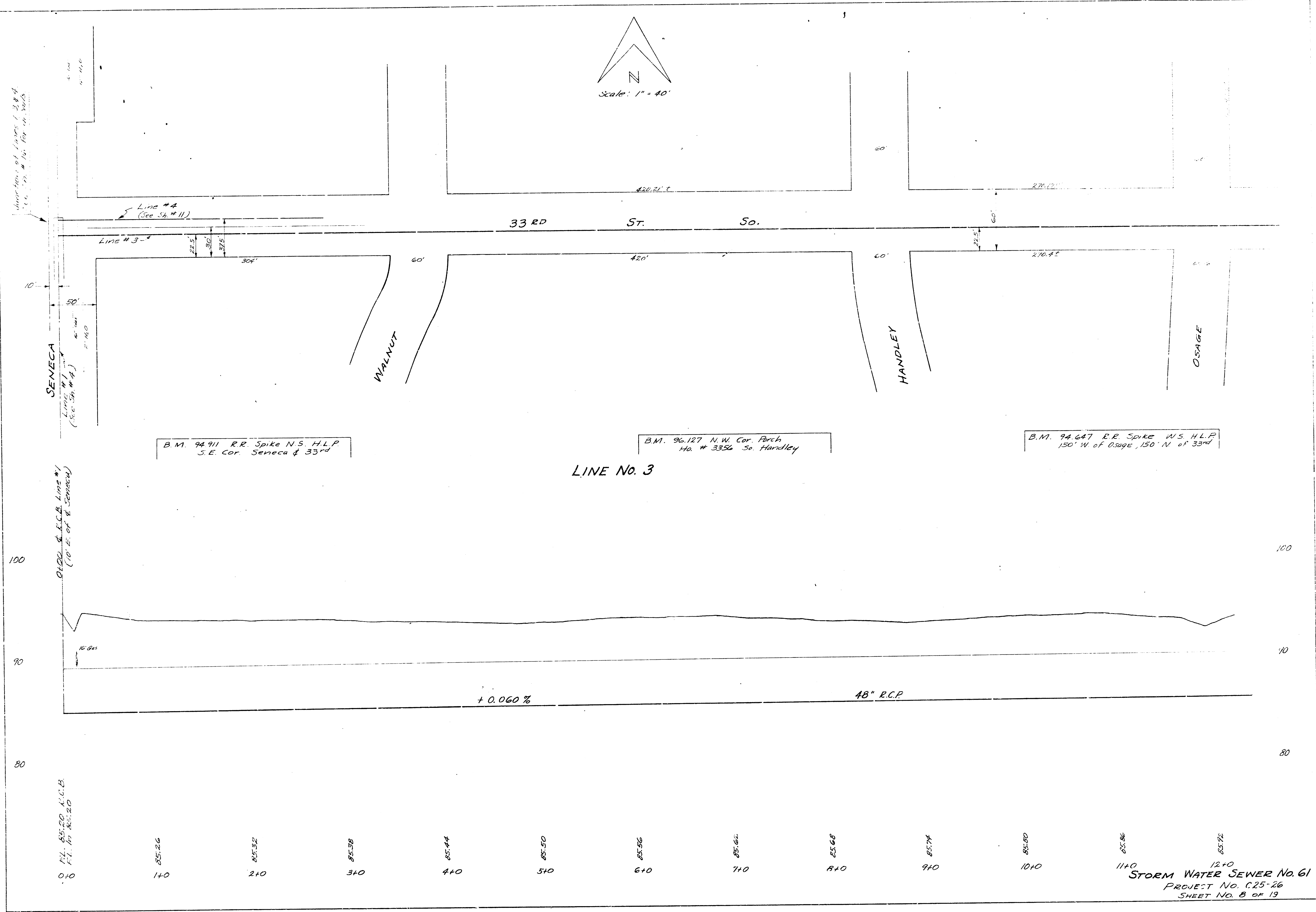


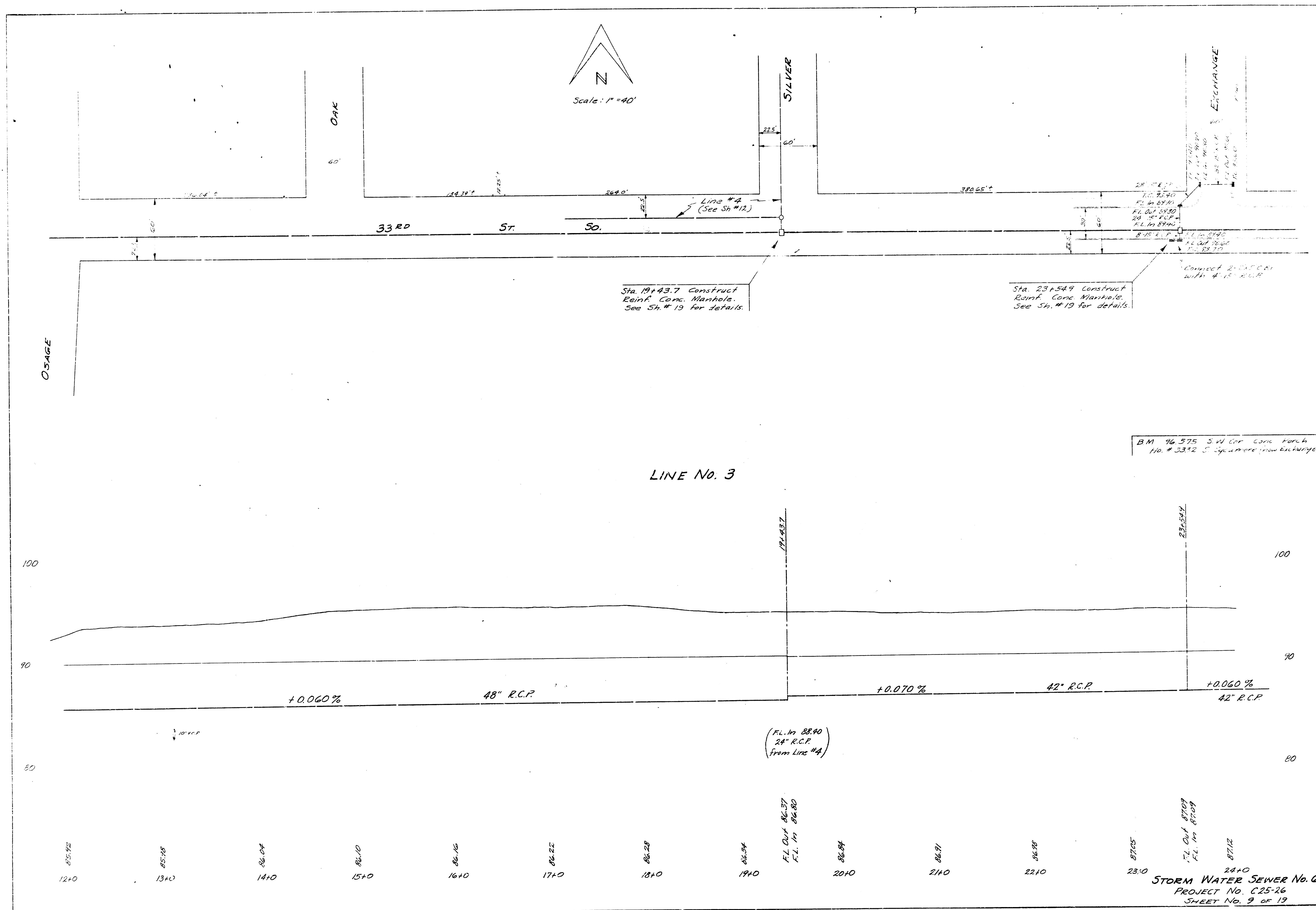


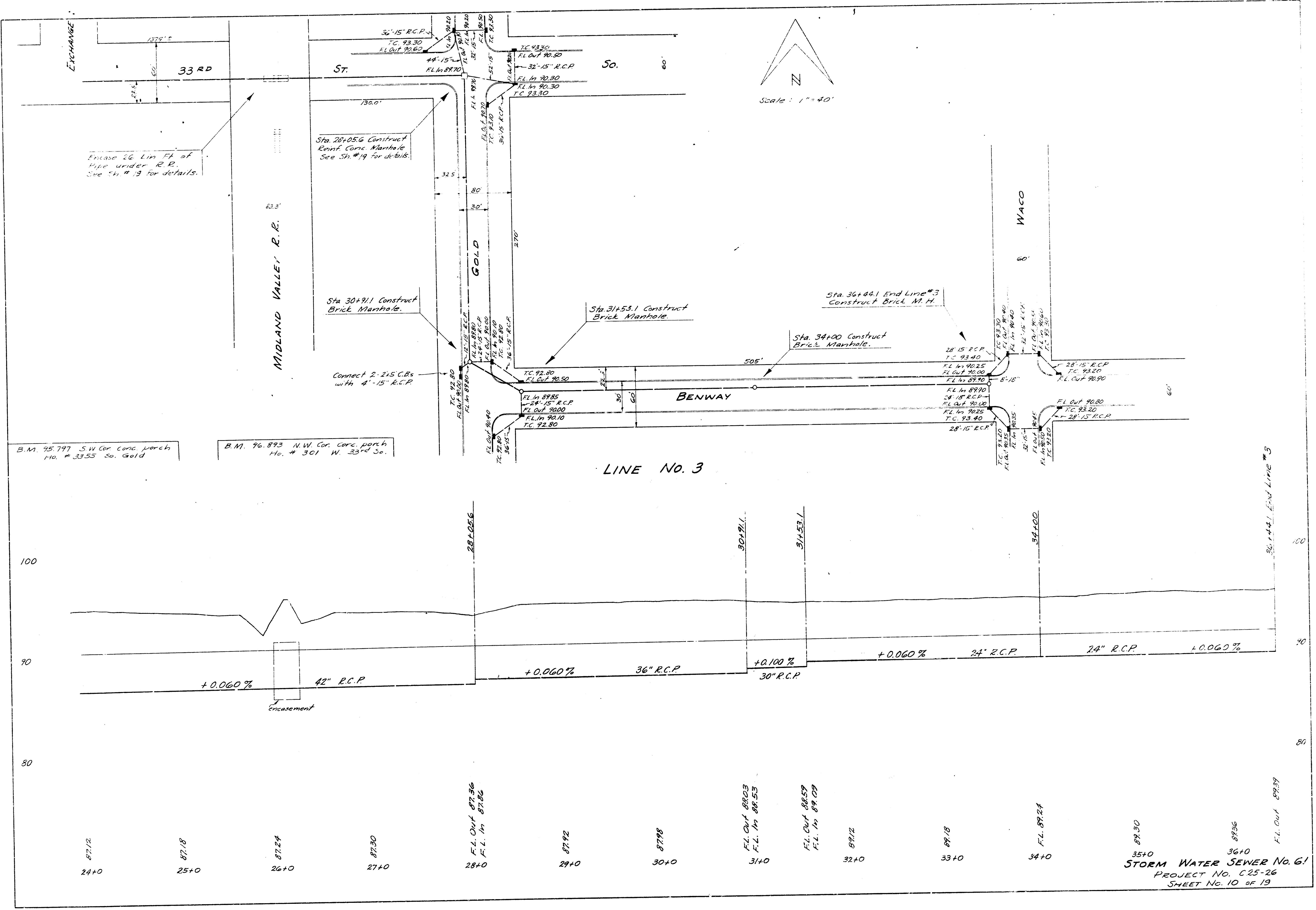




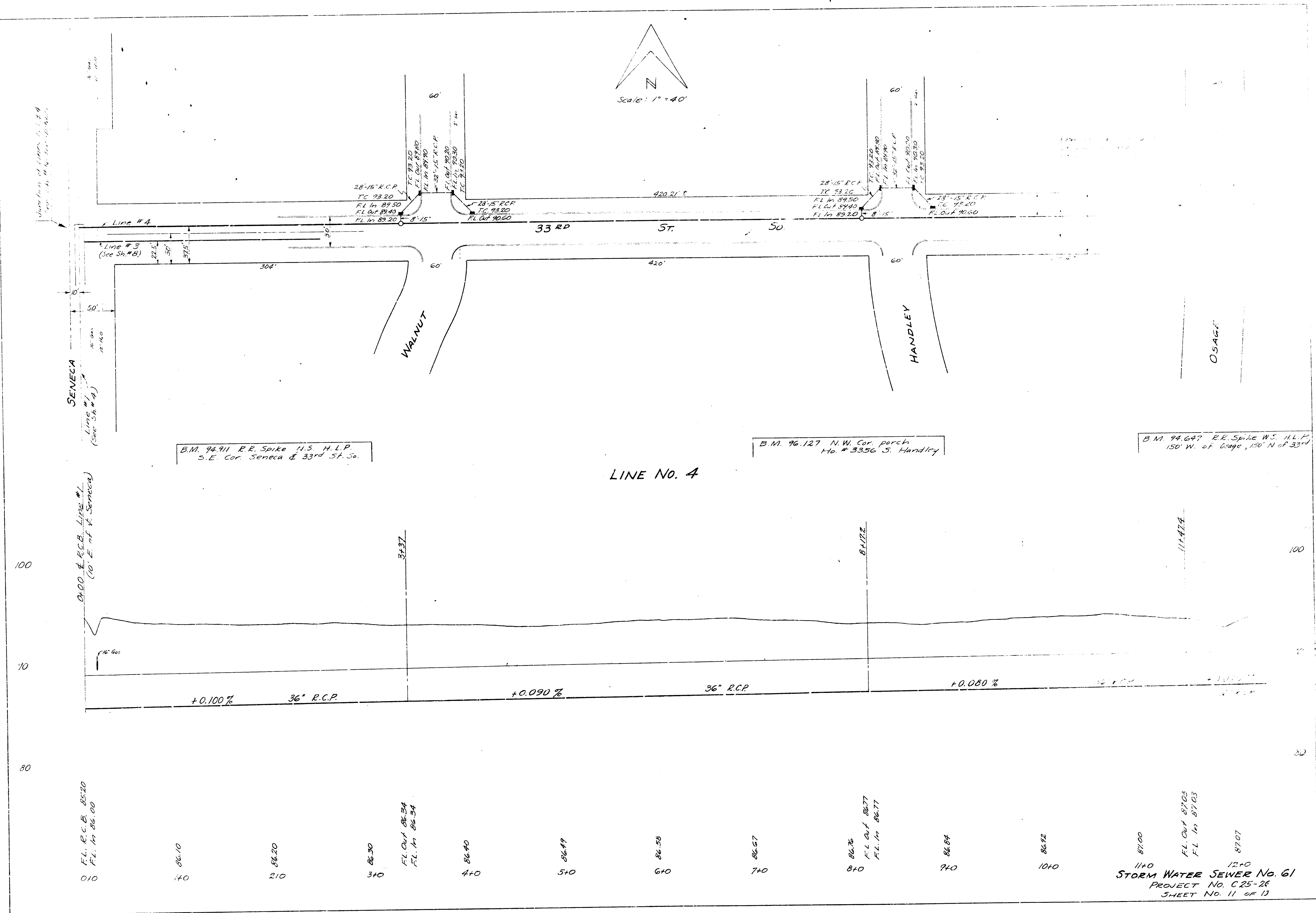


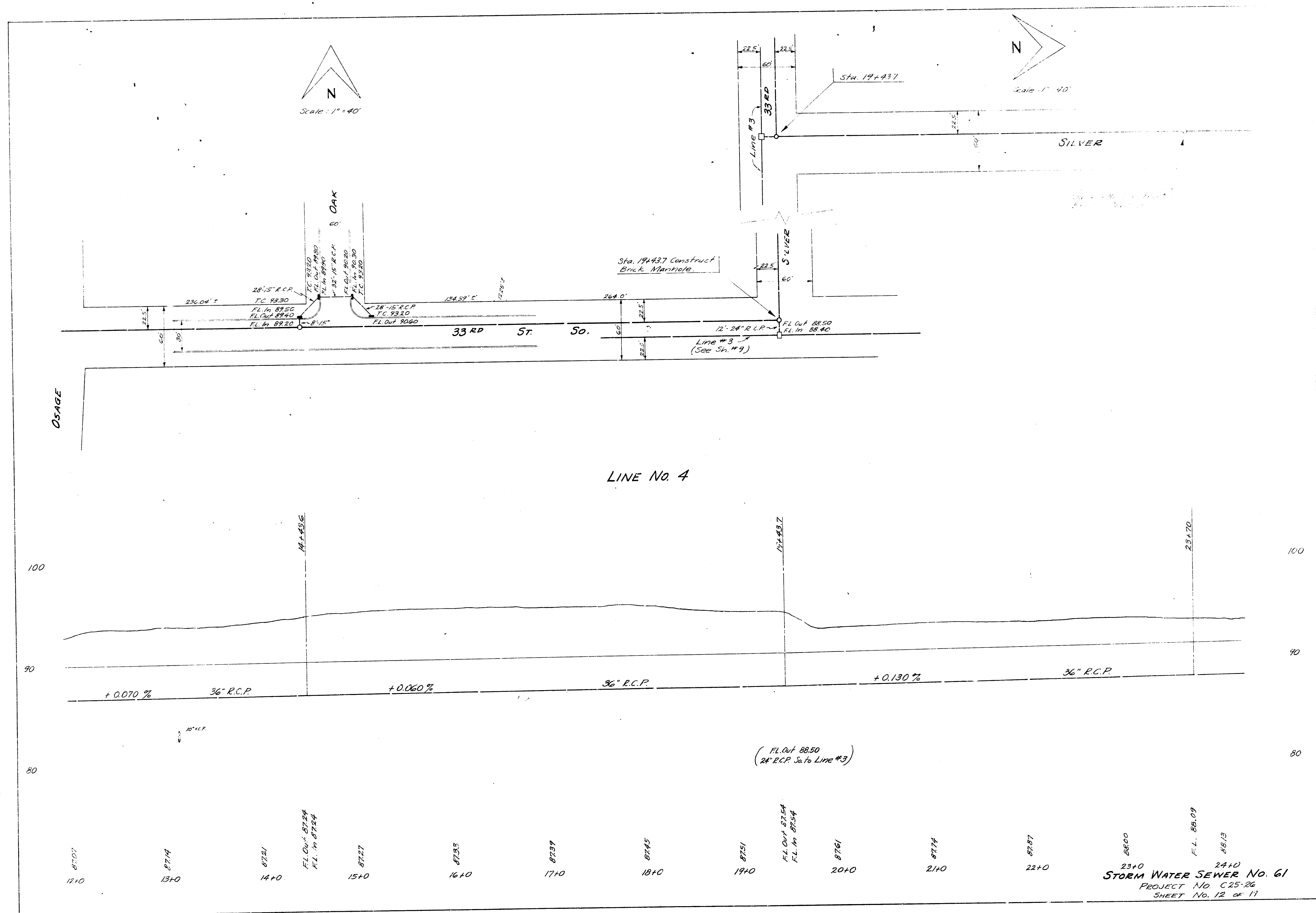


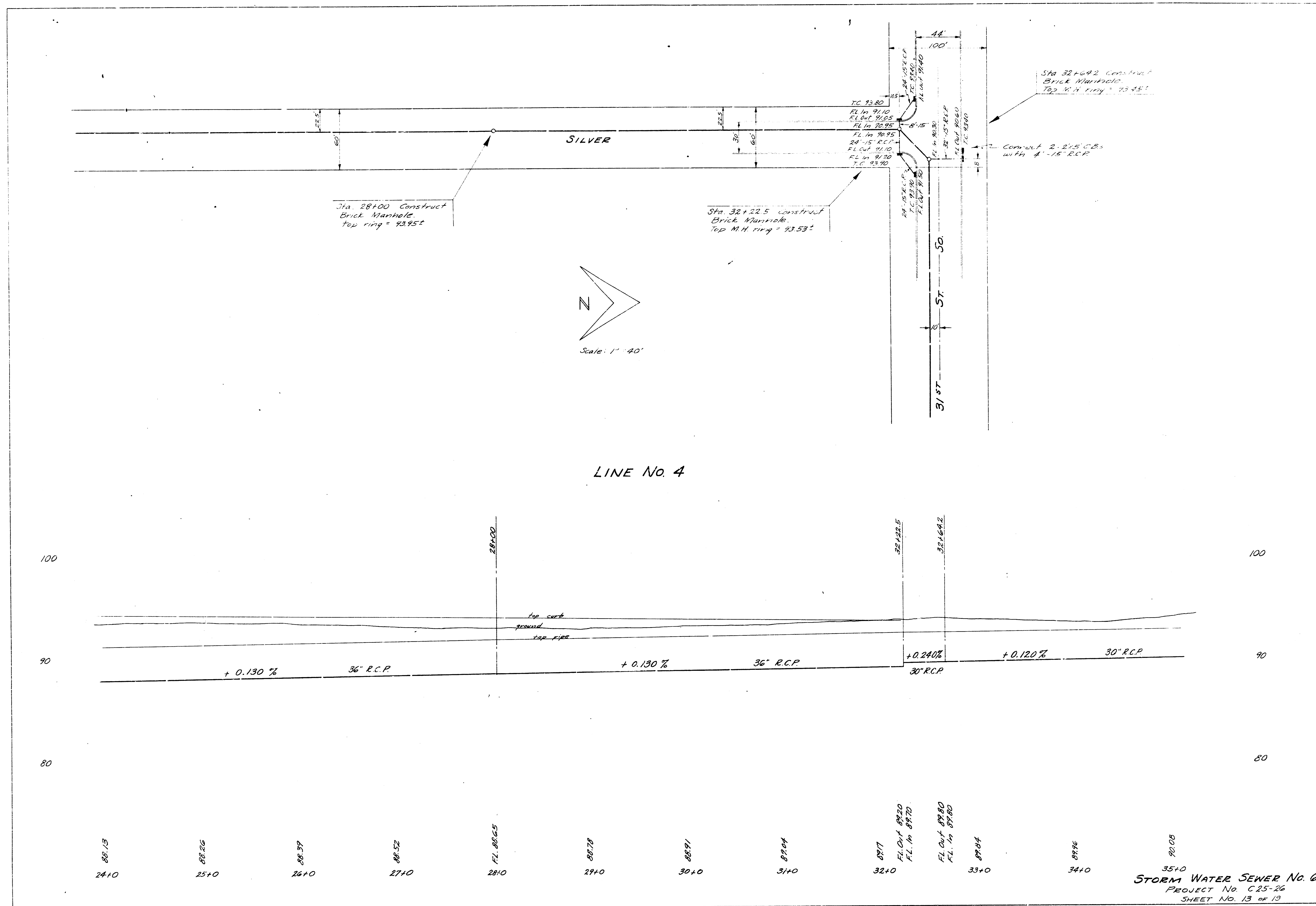


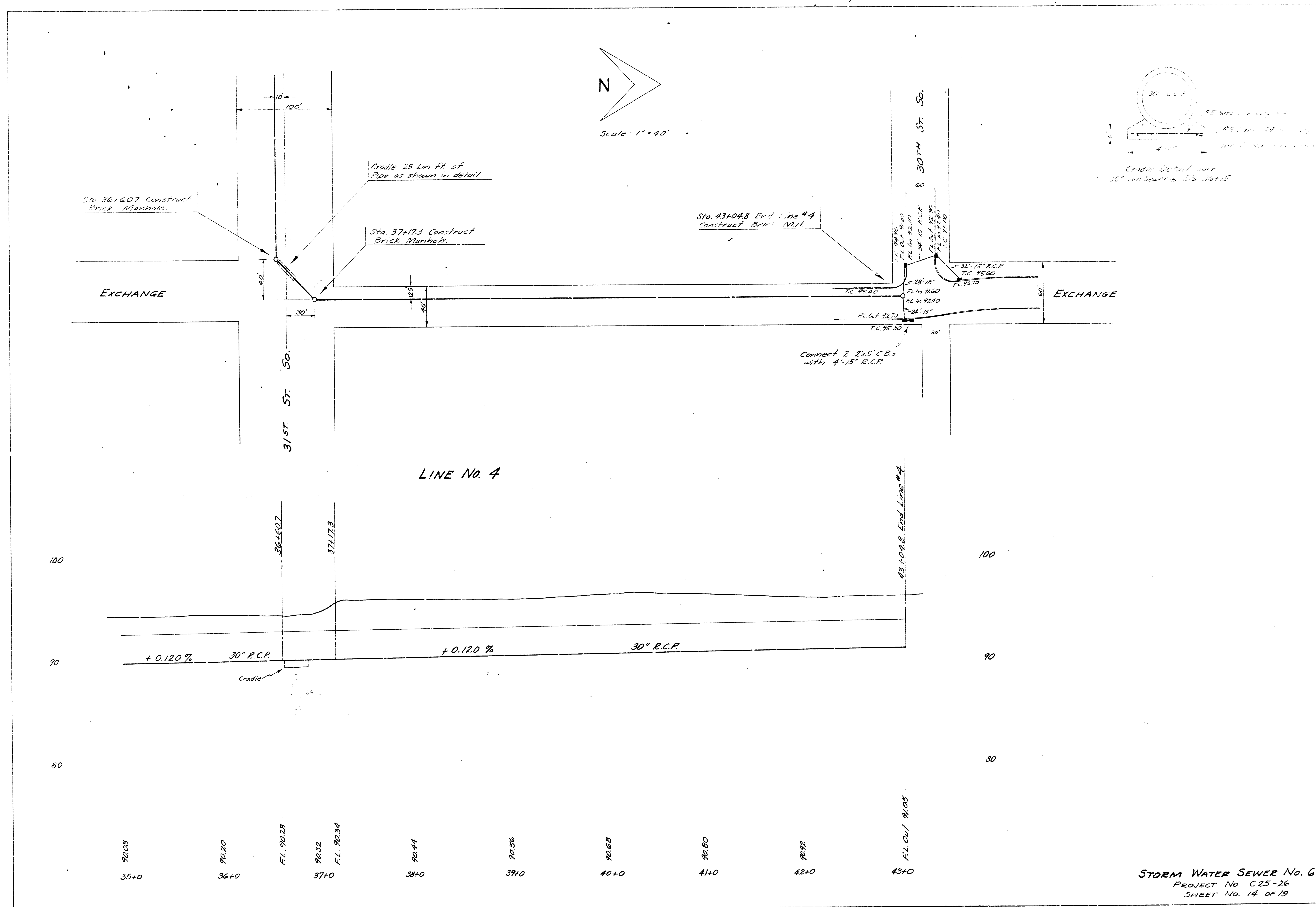


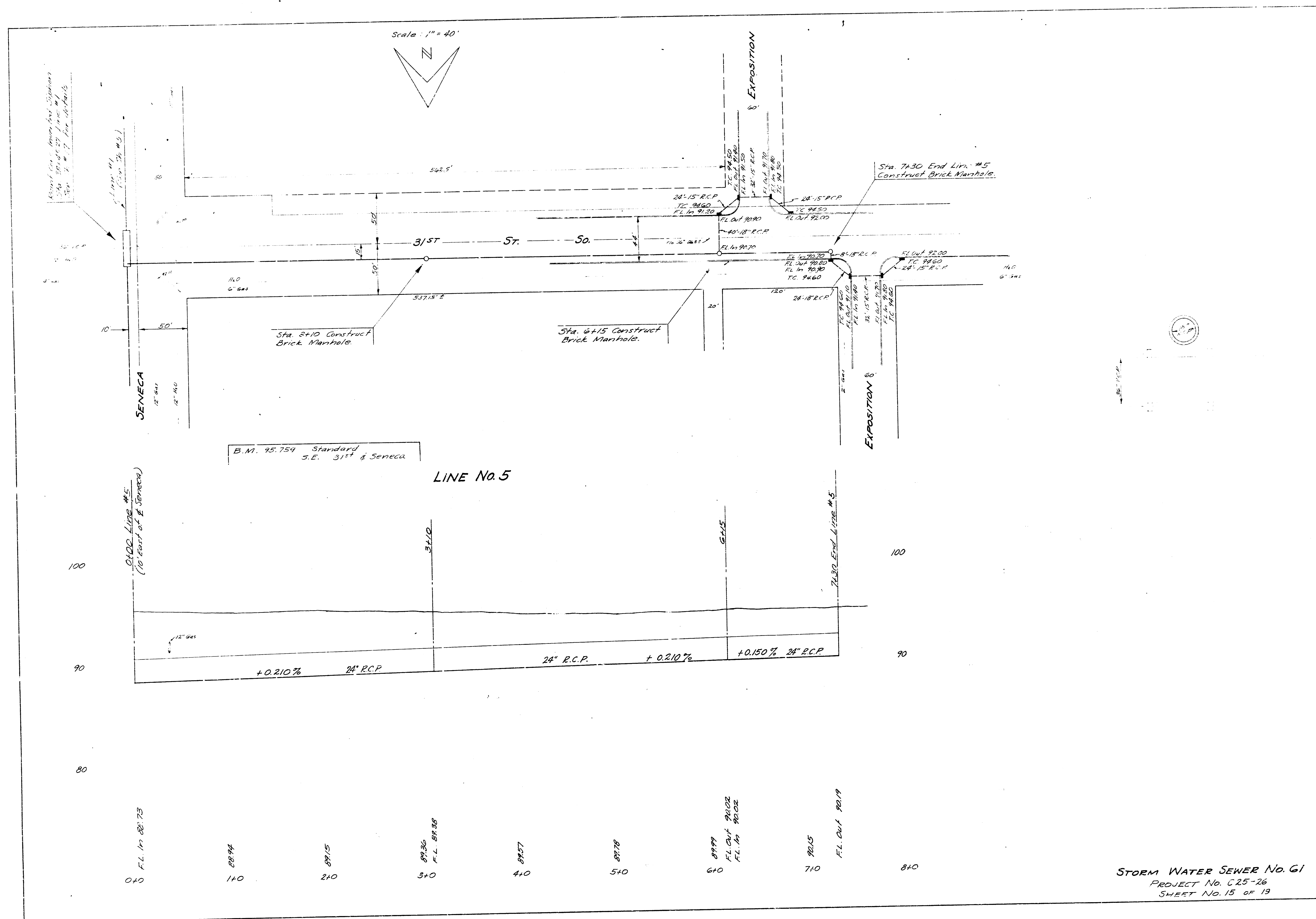
STORM WATER SEWER No. 6!
PROJECT NO. C25-26
SHEET NO. 10 OF 19



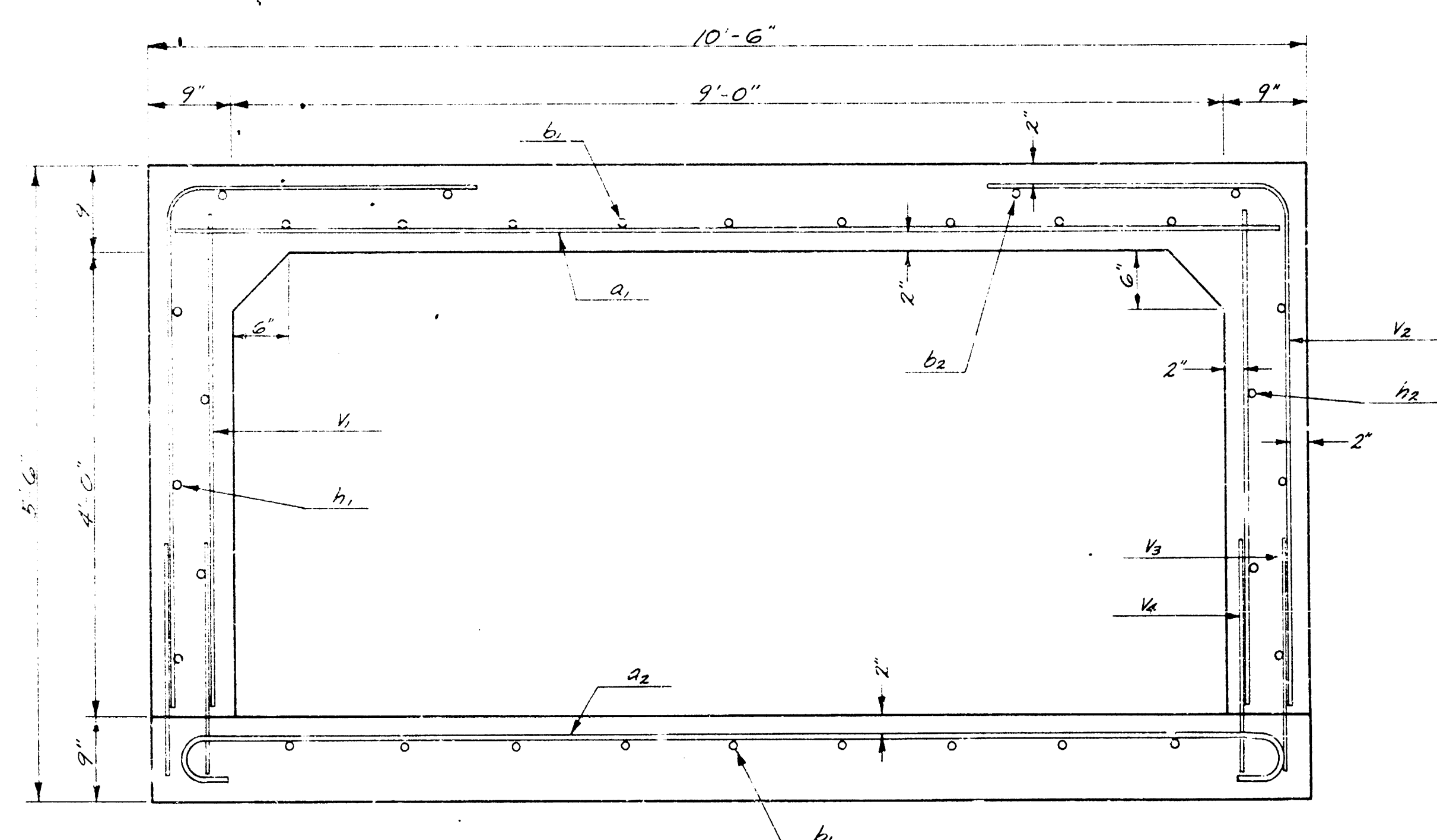






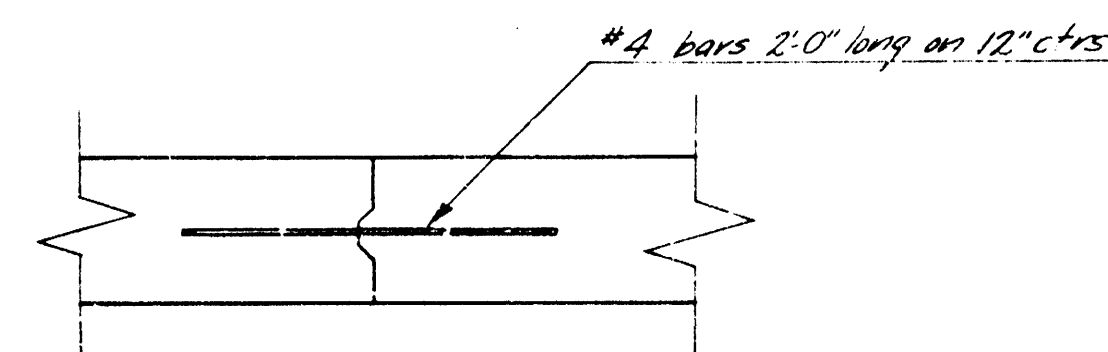


TYPICAL SECTION REINF. CONC. CONDUIT Scale: 1"=1'-0"



Concrete for structures shall contain not less than 165 lbs. of cement per cu yd. of concrete. In no event shall the total water content exceed 6.25 gals. per sack of cement. The mixture of fine and coarse aggregate shall be such to produce a maximum density of a most workable mixture. An internal vibrator shall be used for placing concrete. The floor of manholes are to be shaped for flow and drainage.

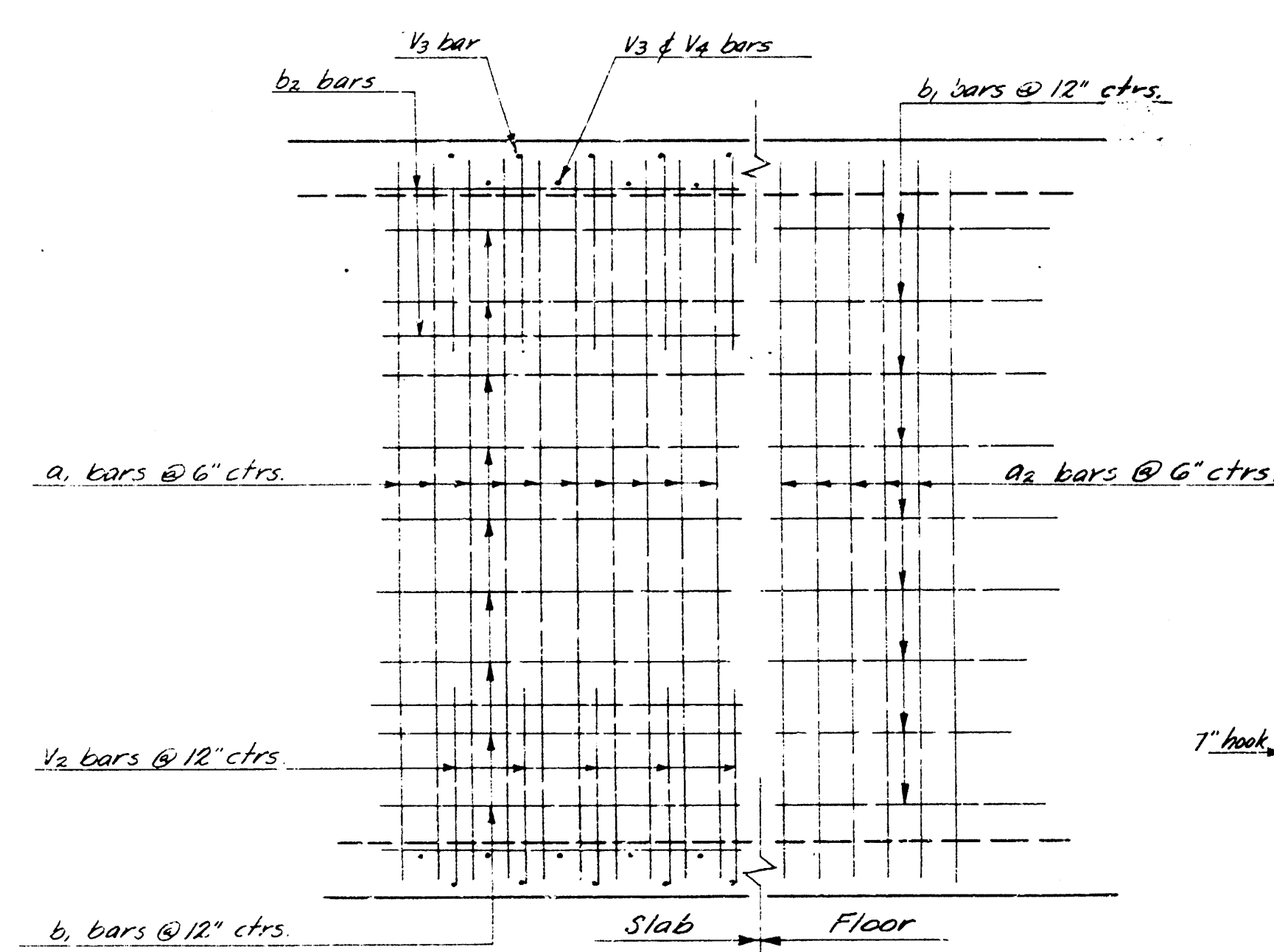
OPTIONAL: FILLET
Shape of fillet & method of forming to be approved by City Engineer.



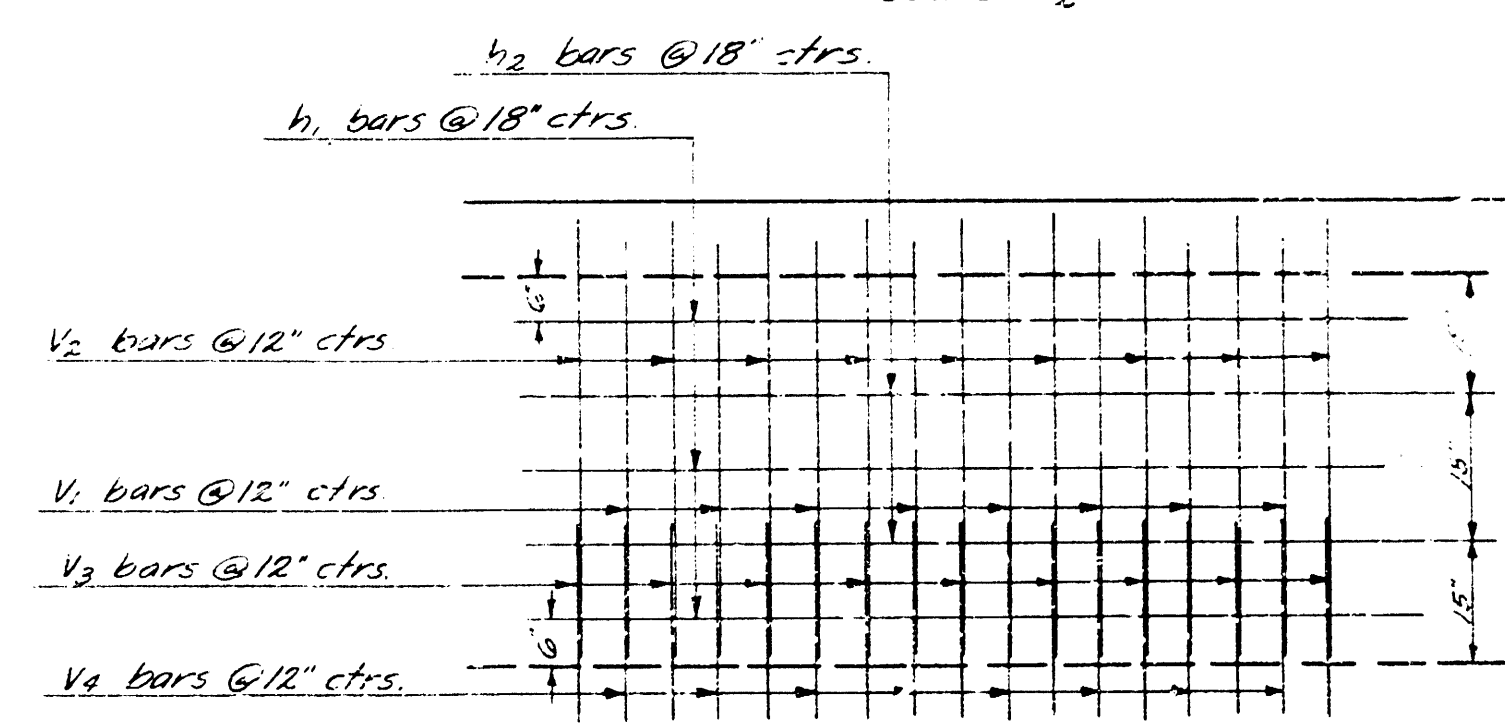
DETAIL OF KEYED JOINT
To be used at the end of each pour in the slab, floor & walls. All longitudinal steel to be non-continuous at joints.

Bill of Material per lin. ft. of Conduit:
0.815 cu yds. concrete
106.6 lbs. reinf. steel

Note: Conduit is to be bid as lin. ft. reinf. conc. conduit, complete in place, including excavation, concrete, reinf. steel, toe wall at outlet, brick manholes on top of conduit, and end wall at 33rd St. So.



PLAN VIEW
Scale: 1/2"=1'-0"

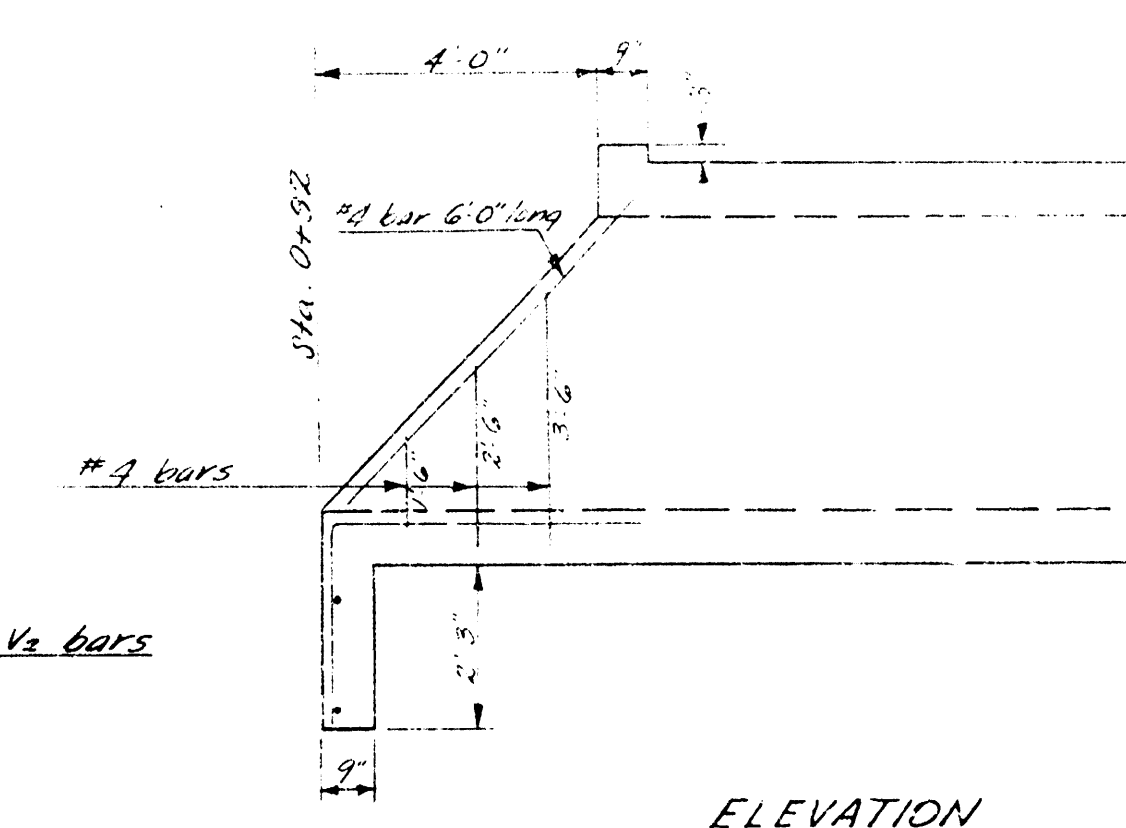
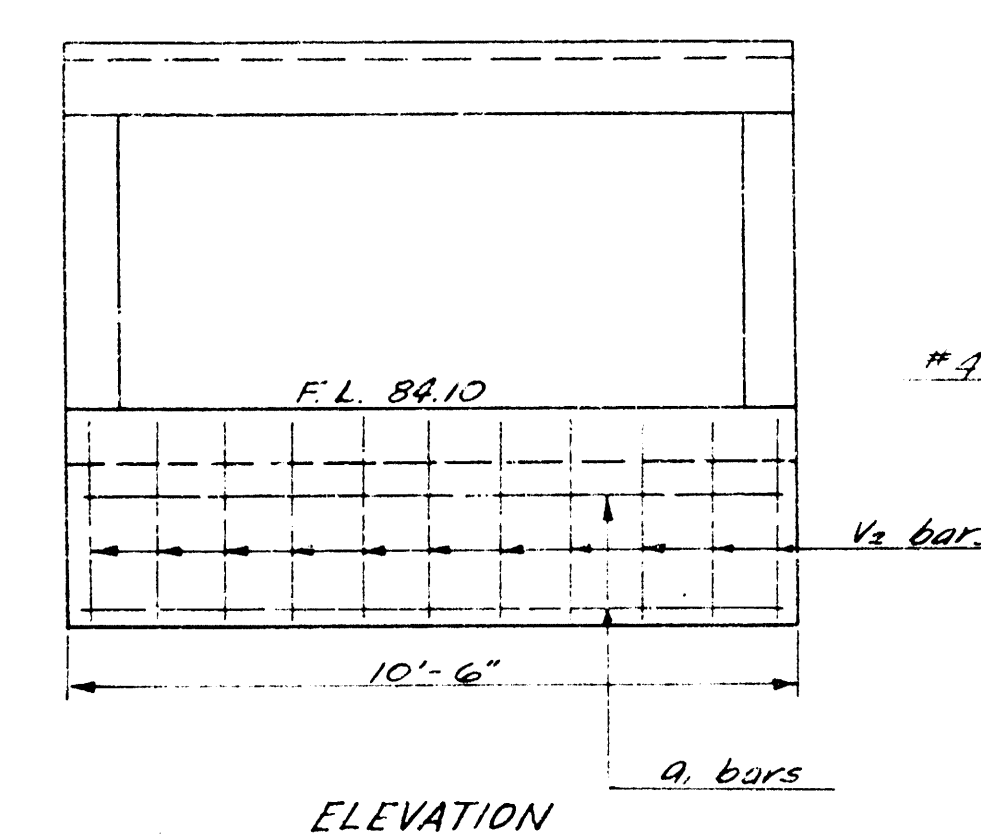


ELEVATION
Scale: 1/2"=1'-0"

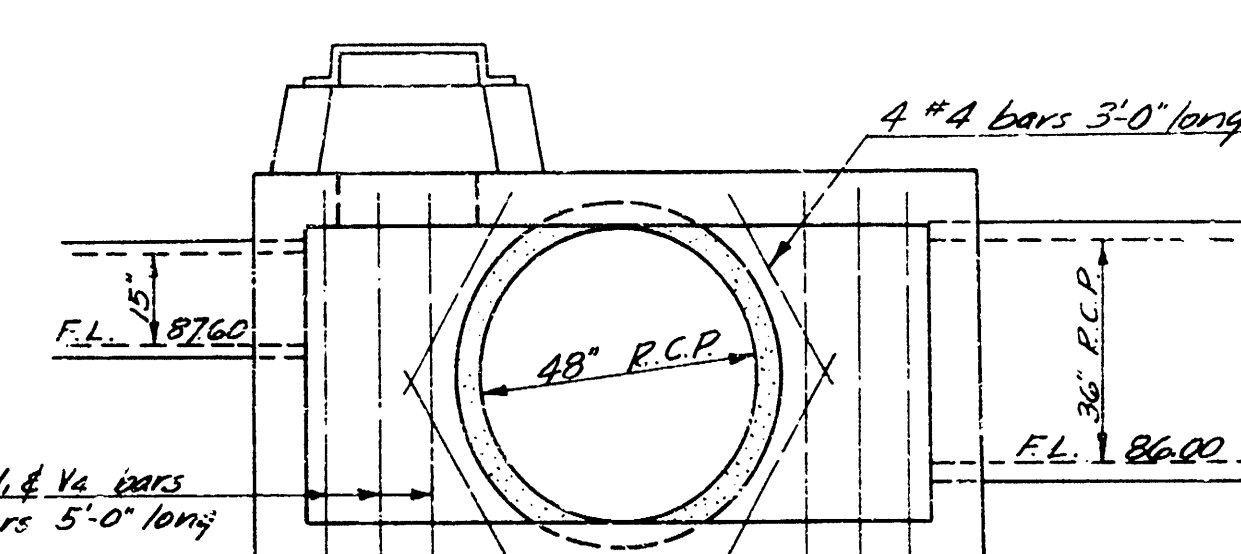
Bar	Size	Spacing	Length	Shape
a1	#6	6" ctrs.	10'-2"	
a2	#6	6" ctrs.	see detail	
b1	#4	12" ctrs.	continuous	
b2	#4	12" ctrs.	continuous	
V1	#4	12" ctrs.	4'-3"	
V2	#4	12" ctrs.	see detail	
V3	#4	12" ctrs.	2'-0"	
V4	#4	12" ctrs.	2'-0"	
V5	#4	12" ctrs.	continuous	
V6	#4	12" ctrs.	continuous	

V3 & V4 bars to alternate as shown.
V1 bar ties to V4 bar.
V2 bar ties to V3 bar.
Splices on longitudinal bars - 15" minimum.

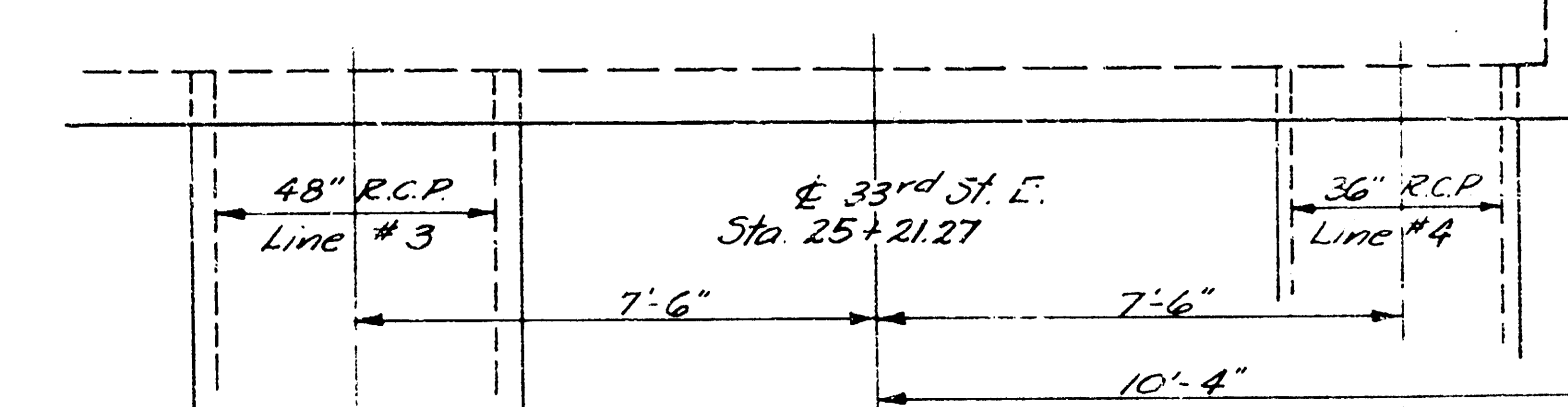
DETAIL - BEGINNING OF CONDUIT AT STA. 0+92 Extra Steel required as shown Scale: 3/8"=1'-0"



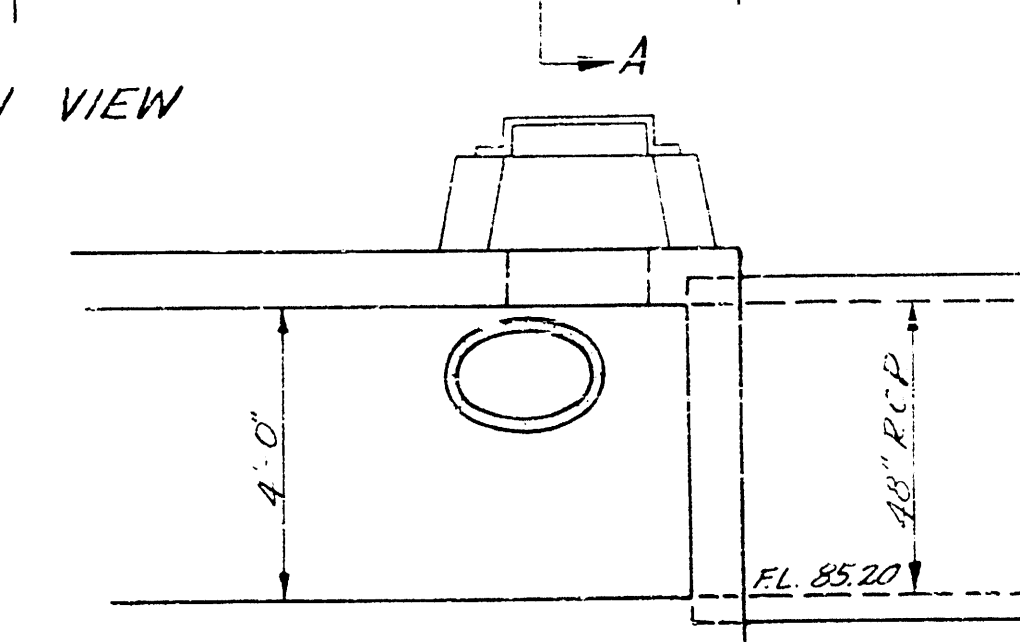
DETAIL - END OF CONDUIT AT 33RD ST. So. Scale: 3/8"=1'-0"



END ELEVATION
SEC. A-A

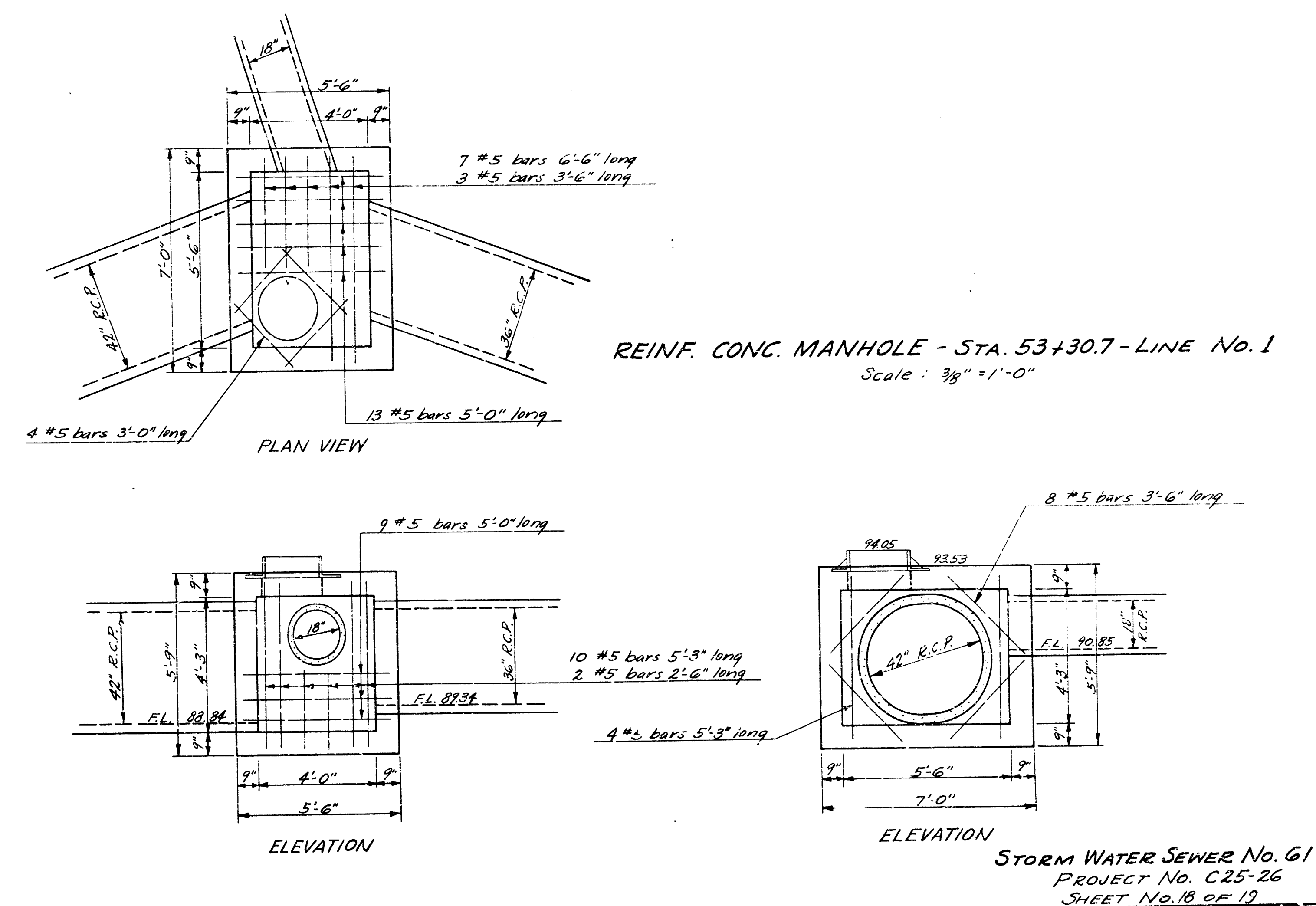
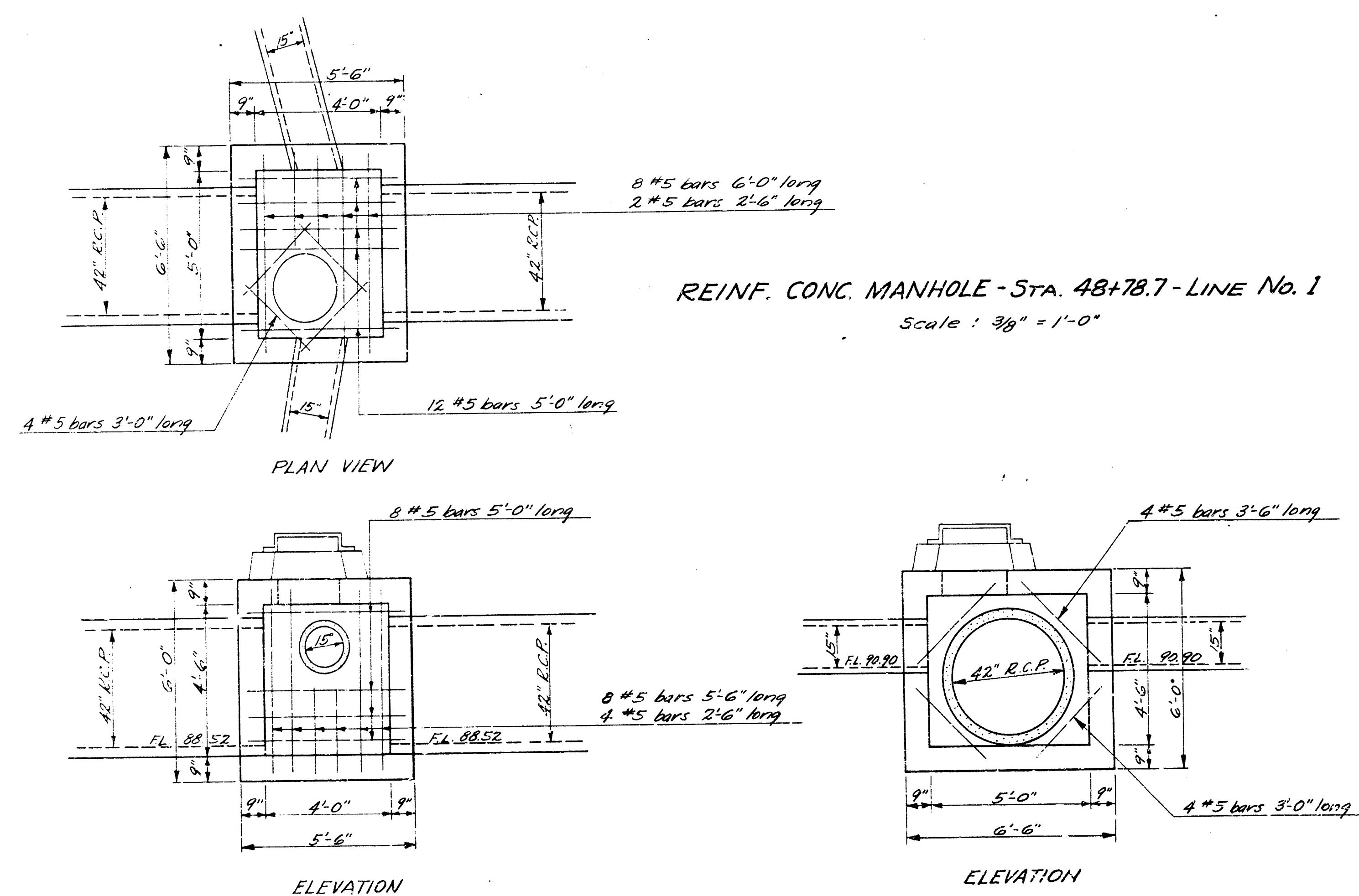
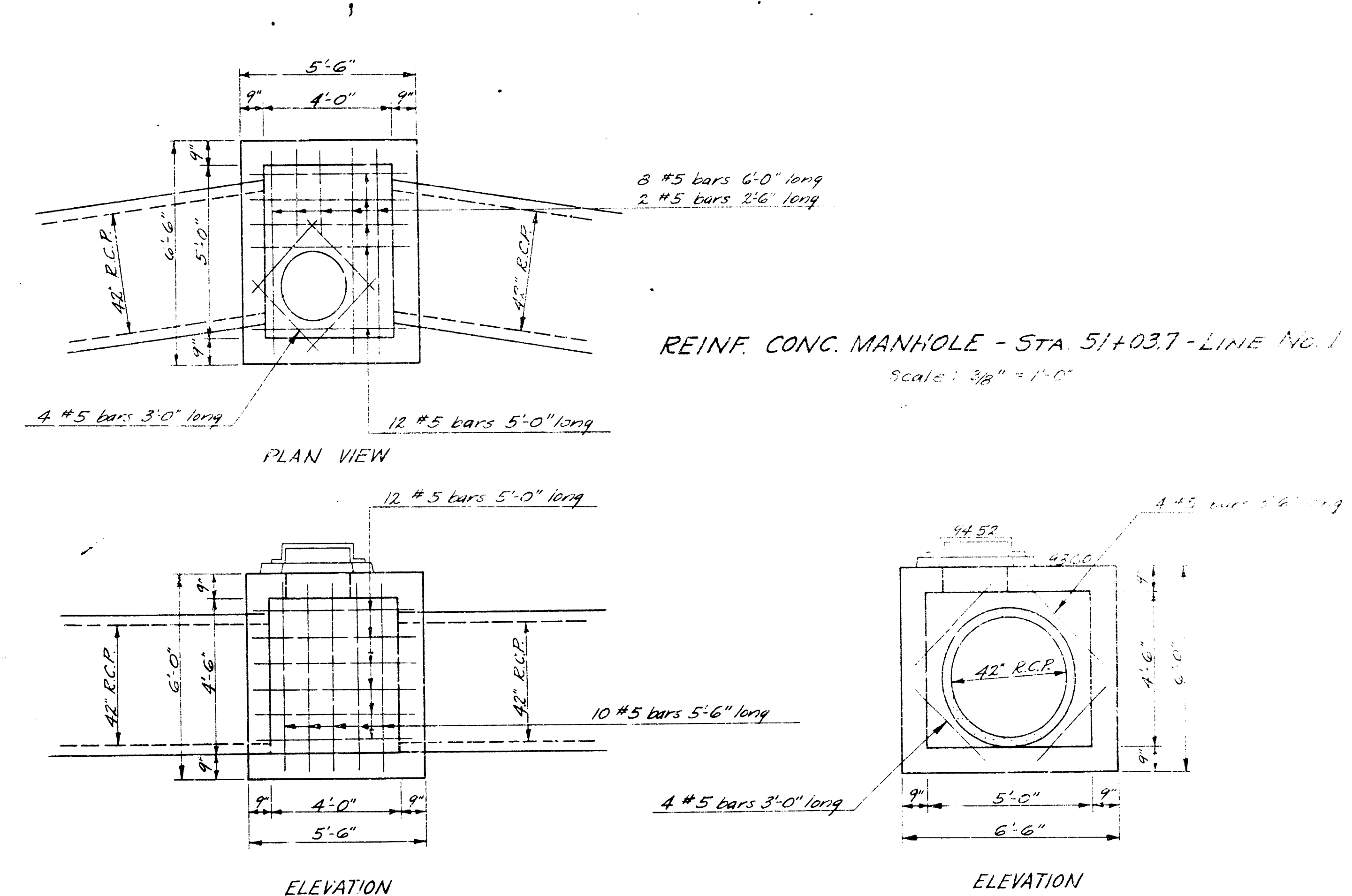
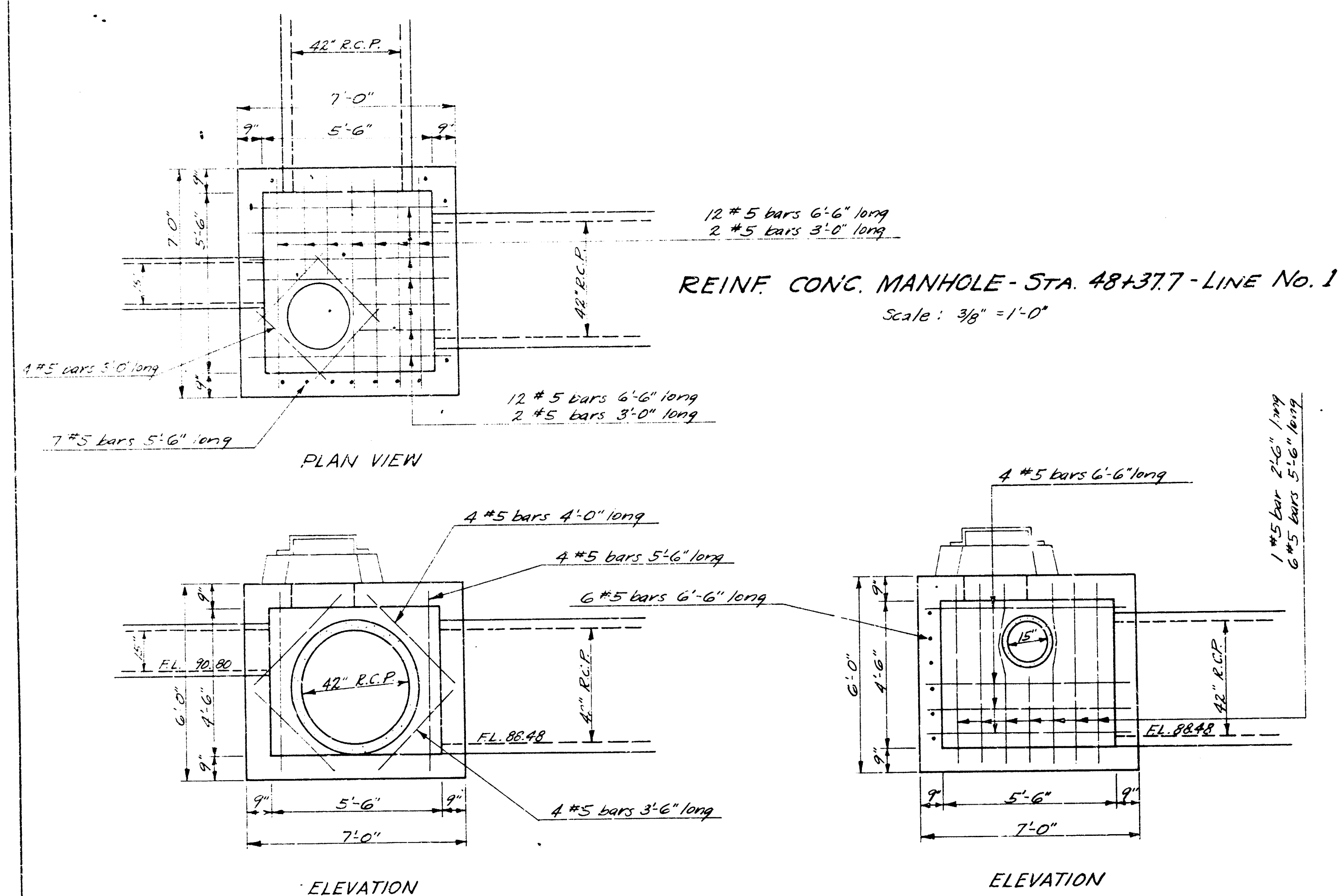


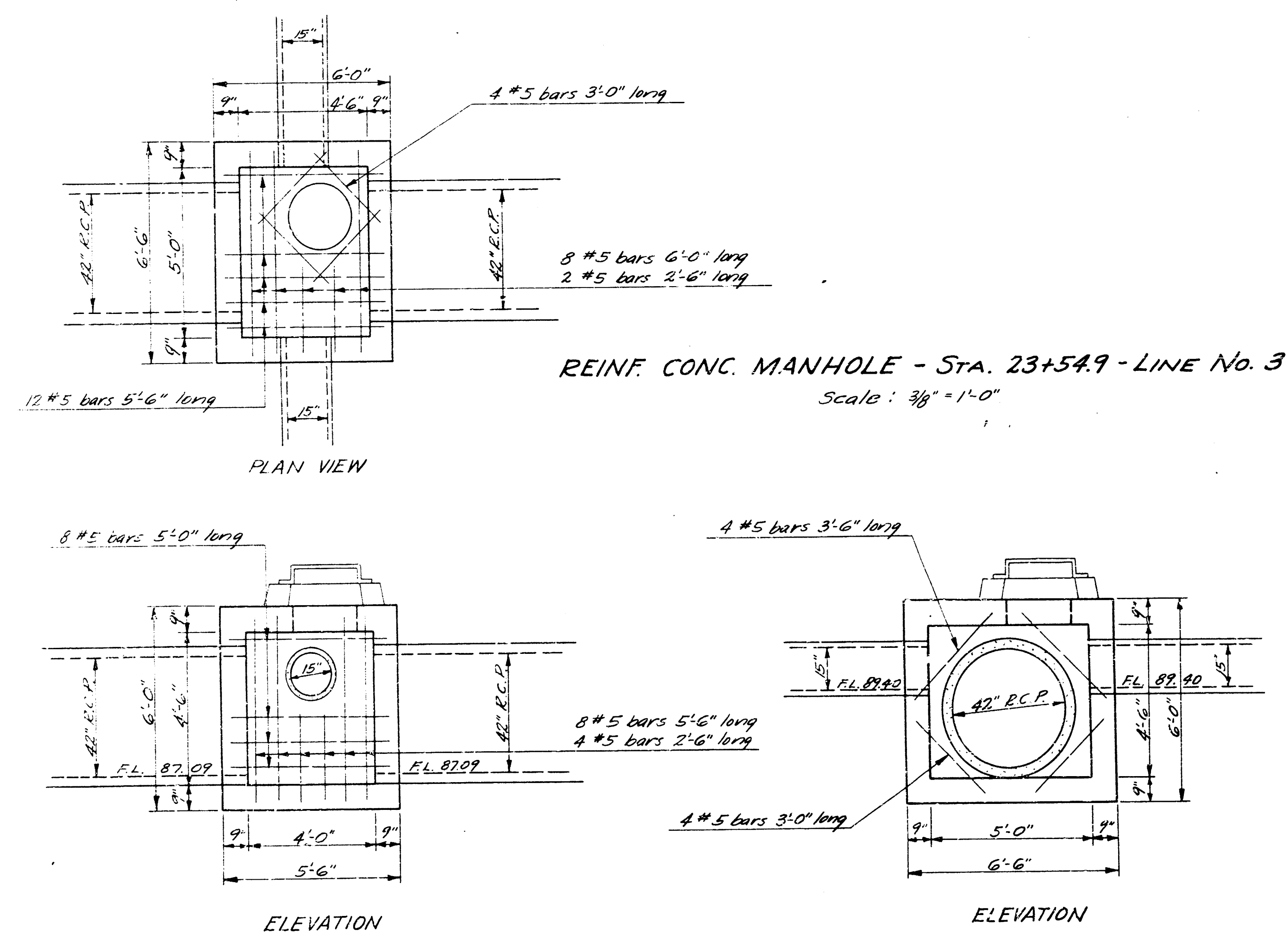
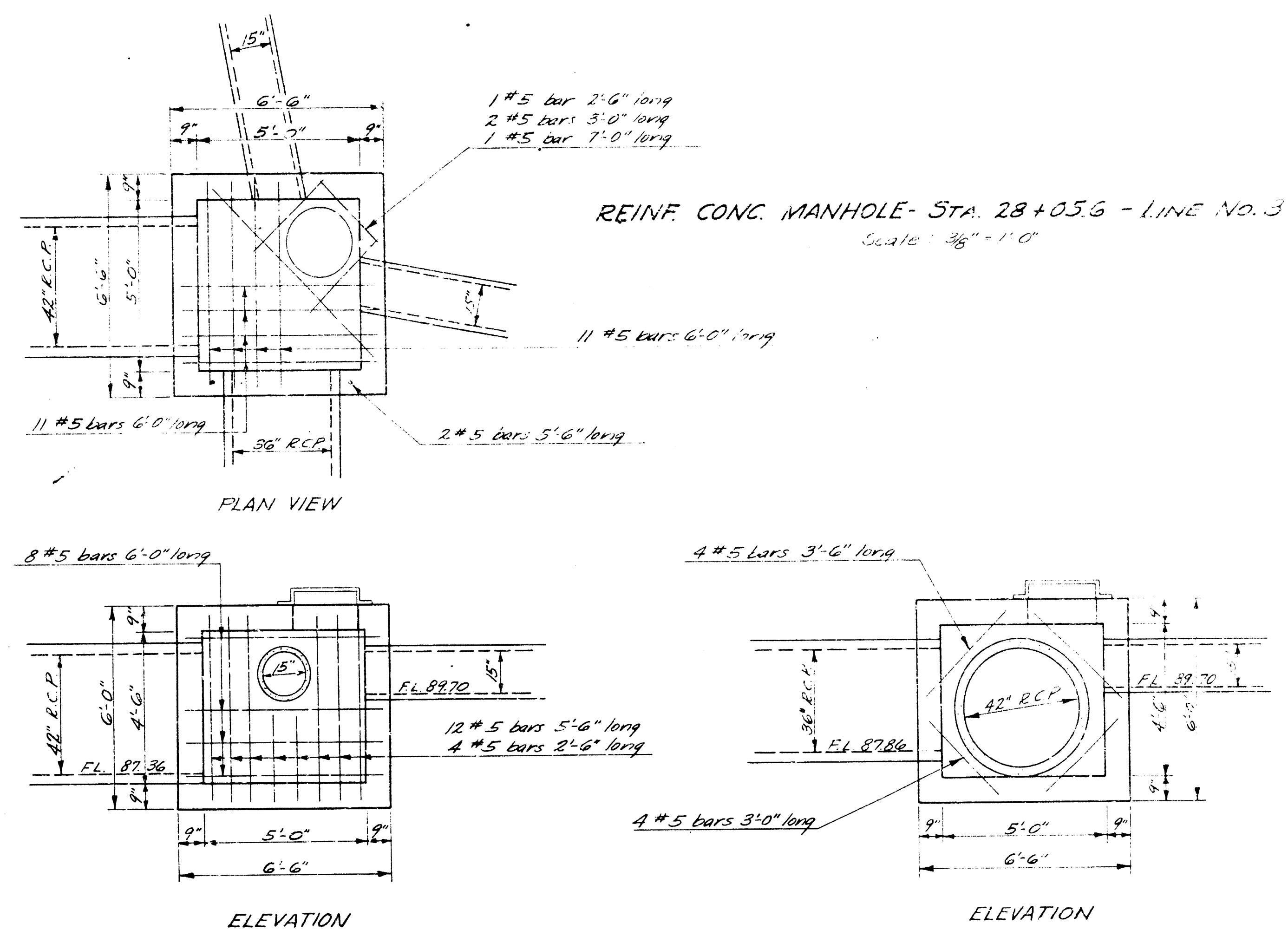
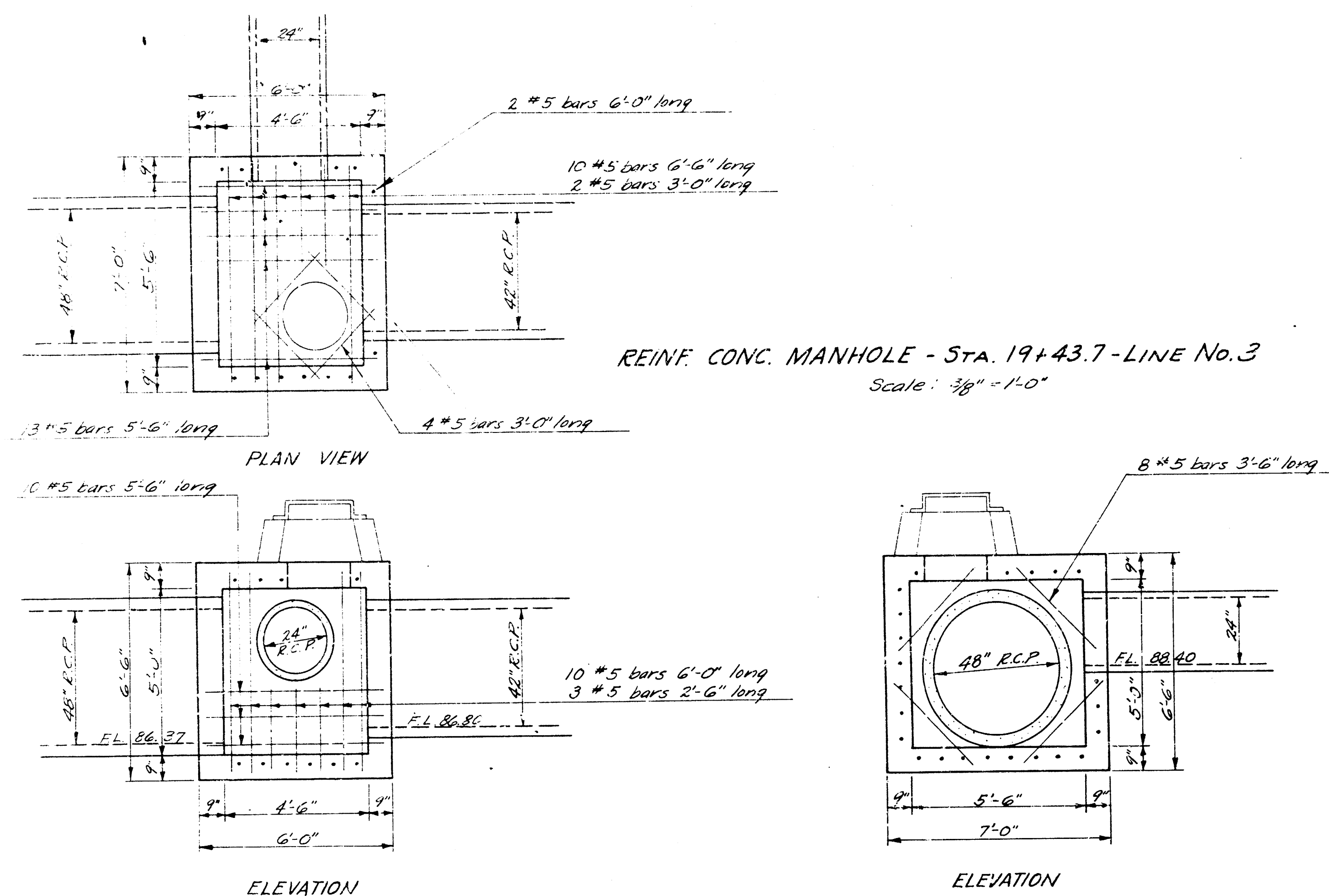
PLAN VIEW



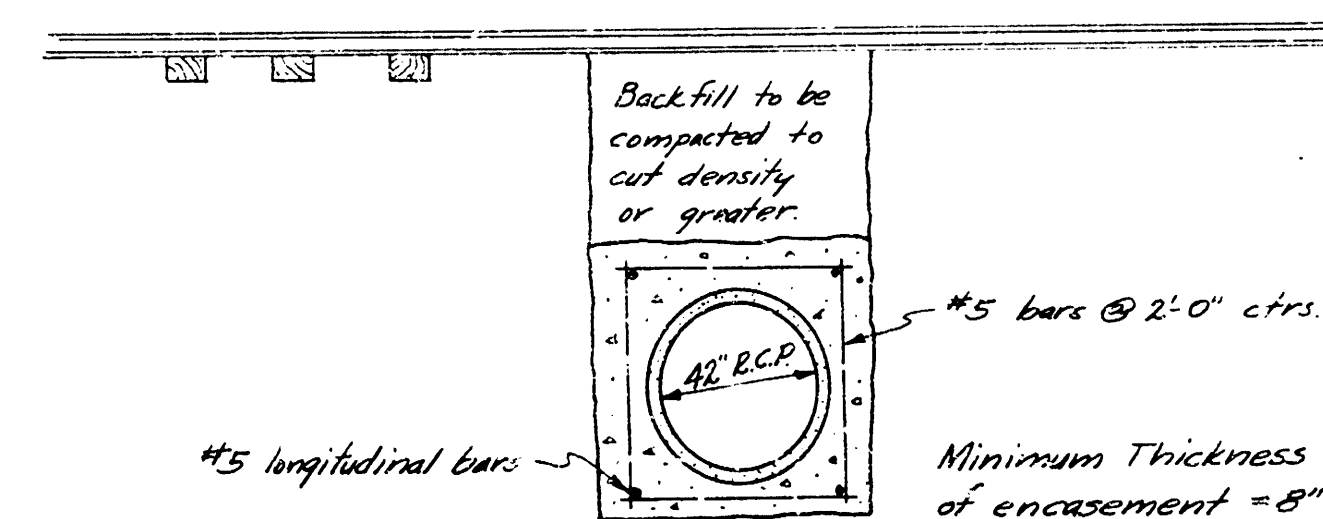
ELEVATION

S.W.S. # 61
Sheet No. 16 of 19

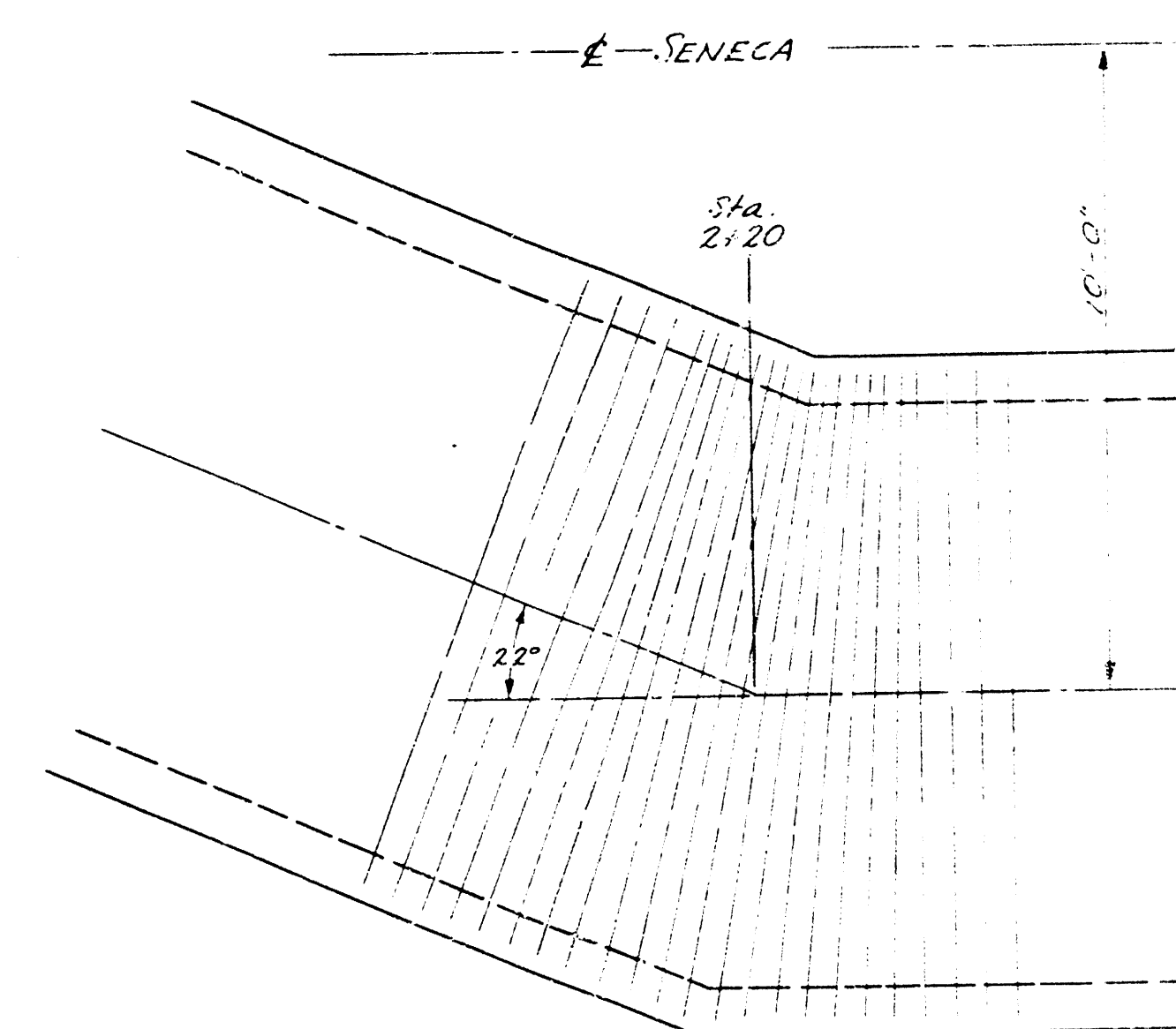




Pipe is to be installed by open ditch method with tracks removed during hours which will not disrupt train traffic. The contractor shall give proper notice to the R.R. to provide flagmen, etc., while the crossing is being made. The expense of removing and replacing tracks and all other charges made by the R.R. will be paid by the contractor. R.R. charges, cost of encasement and reinf. steel, and all other extra cost of crossing shall be included in the lump sum bid of reinf. conc. R.R. crossing. A sack paving mix is to be used for encasement concrete.



**TYPICAL SECTION
REINF. CONC. ENCASEMENT
UNDER MIDLAND VALLEY R.R.
STA. 26+10 - LINE No. 3**



maintain 6" spacing with #5 bars on long side
 reduce spacing on short side as shown.
**PLAN VIEW - REINF. CONC. CONDUIT
STA. 2+20 - LINE 1
Scale: $\frac{3}{8}" = 1'-0"$**

**STORM WATER SEWER No. 61
PROJECT No. C25-26
SHEET No. 19 OF 19**