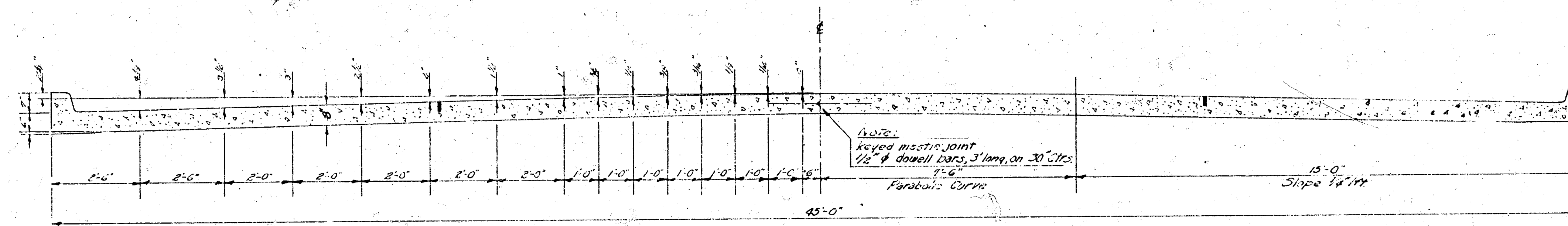
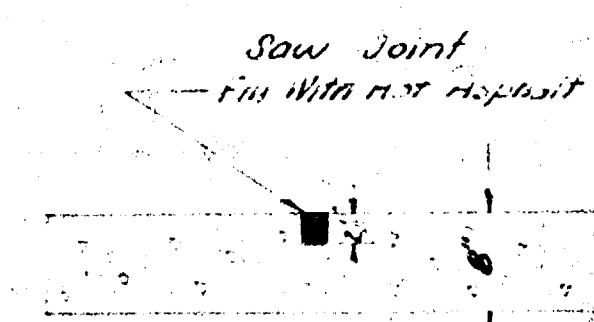


HARRY ST E.L. McLEAN BLVD TO E.L. MAIN PROJ. NO. C13-265



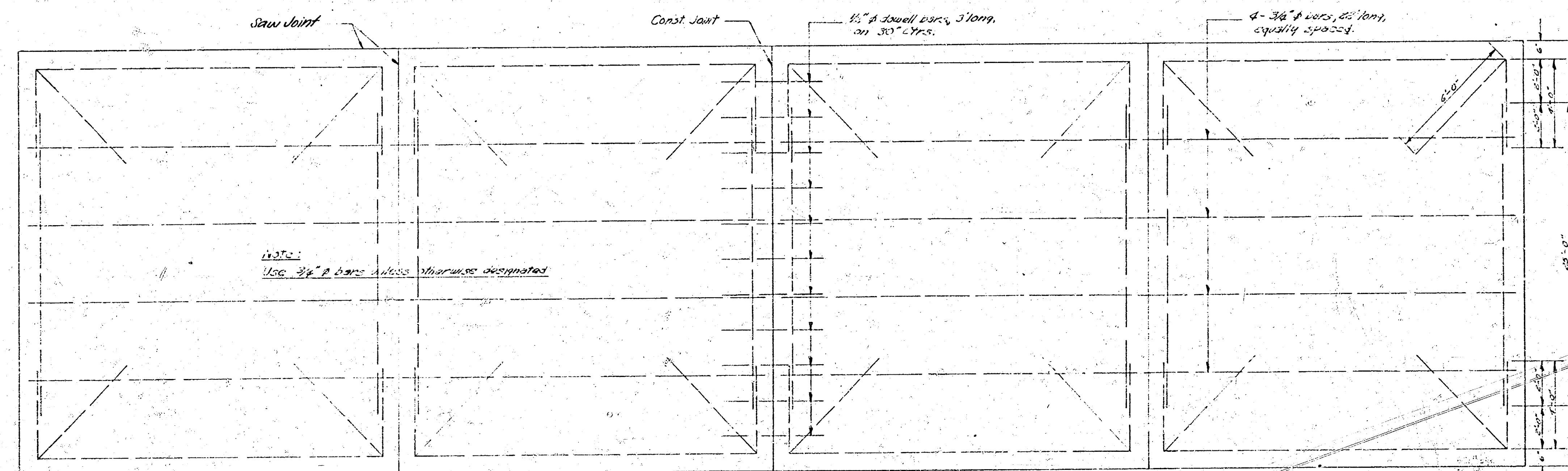
TYPICAL SECTION
NO SCALE



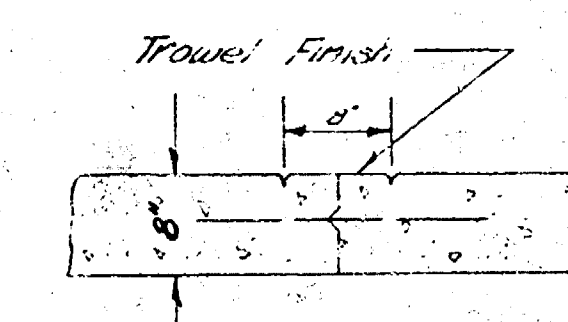
TRANSVERSE & LONGITUDINAL
JOINT DETAIL
NO SCALE

NOTE -

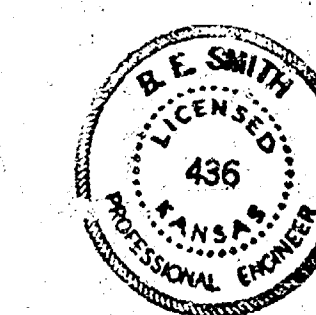
WHERE CURBS IN THE SAME SECTION
ARE AT DIFFERENT ELEVATIONS USE
ELEVATION SHOWN ON PLAN FOR
CONSTRUCTION JOINT.



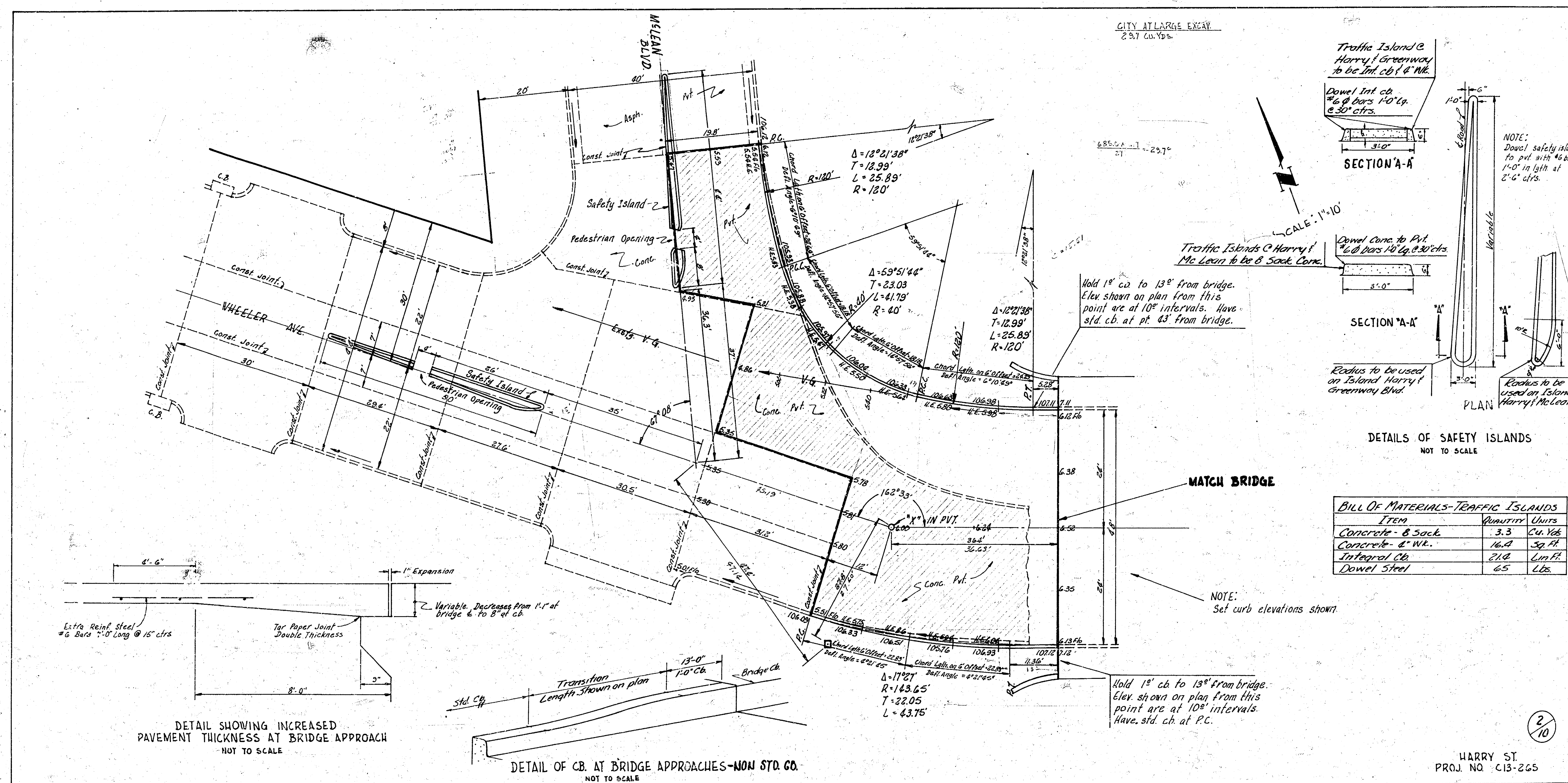
STEEL PATTERN
NO SCALE



C.L. MARKER DETAIL
NO SCALE

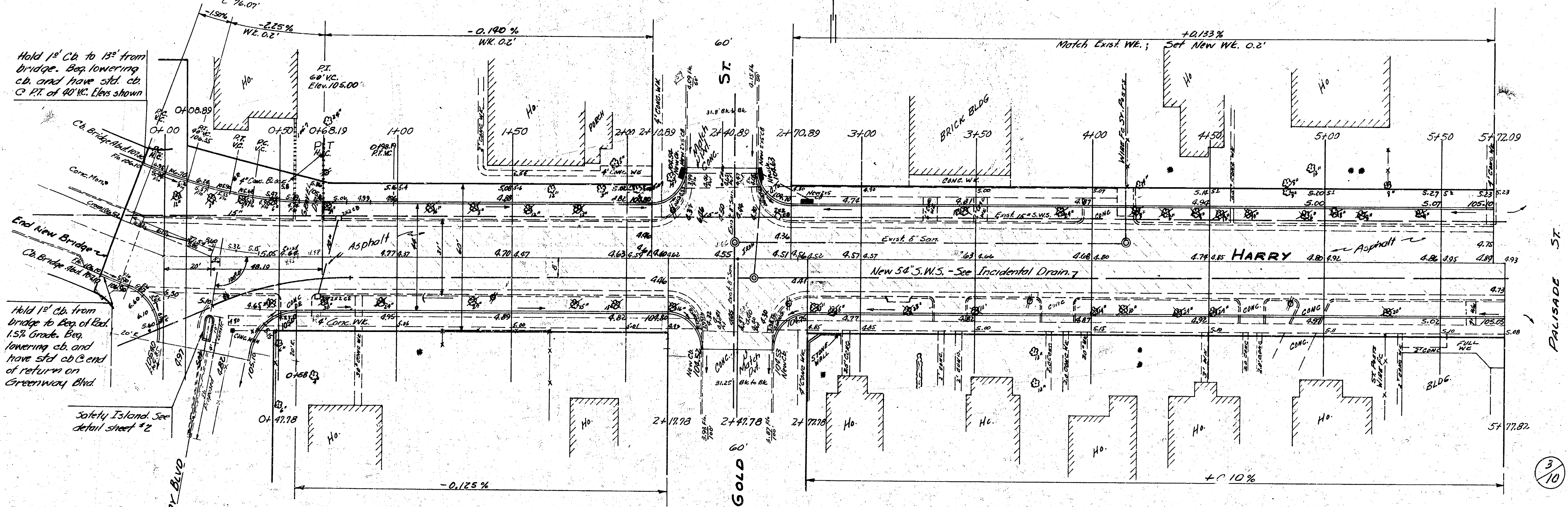


1/10



B.M. 104.11 STANDARD S.E. GOLD & HARRY
 B.M. 106.22 TOP CONC. MON. S.E. GREENWAY BLVD & HARRY
 B.M. 105.10 "K" IN KENSLEY M.W. COR. INT. D. S.E. COR. PALISADE & HARRY
 B.M. 105.14 "O" IN QUIRING "O" W.K. E. S.E. COR. WARD & HARRY
 B.M. 105.25 "K" IN KEELER W.S. INT. D. S.E. WICHITA & HARRY
 B.M. 105.00 "K" IN KENSLEY BK. OF W.K. E. S.E. WATER & HARRY
 B.M. 104.55 "R" IN ROBAY "O" W.K. N.E. MAIN & HARRY
 STATIONING & BASE LINE ON E. HARRY CHAINING EAST.

Curve Data (Box of Cb)
 4 21' 16.50"
 P 204.63'
 T 38.45'
 L 76.07'



NOTE: All Manholes on exist. S.W.S. to be plugged & S.W.S. plugged

CITY AT LARGE
 EXCAV. 427.0 Cu Yds.
 FILL 168.9 Cu Yds.

Surveyed by B.N. O.
 Plan. J.E. HAN, DEC.
 C.C. J.E. C.
 Checked

Hold 12' Cb. from bridge to top of Rd. 155' Grade. Beg. lowering cb. and have 54' Cb. end of return on Greenway Blvd.

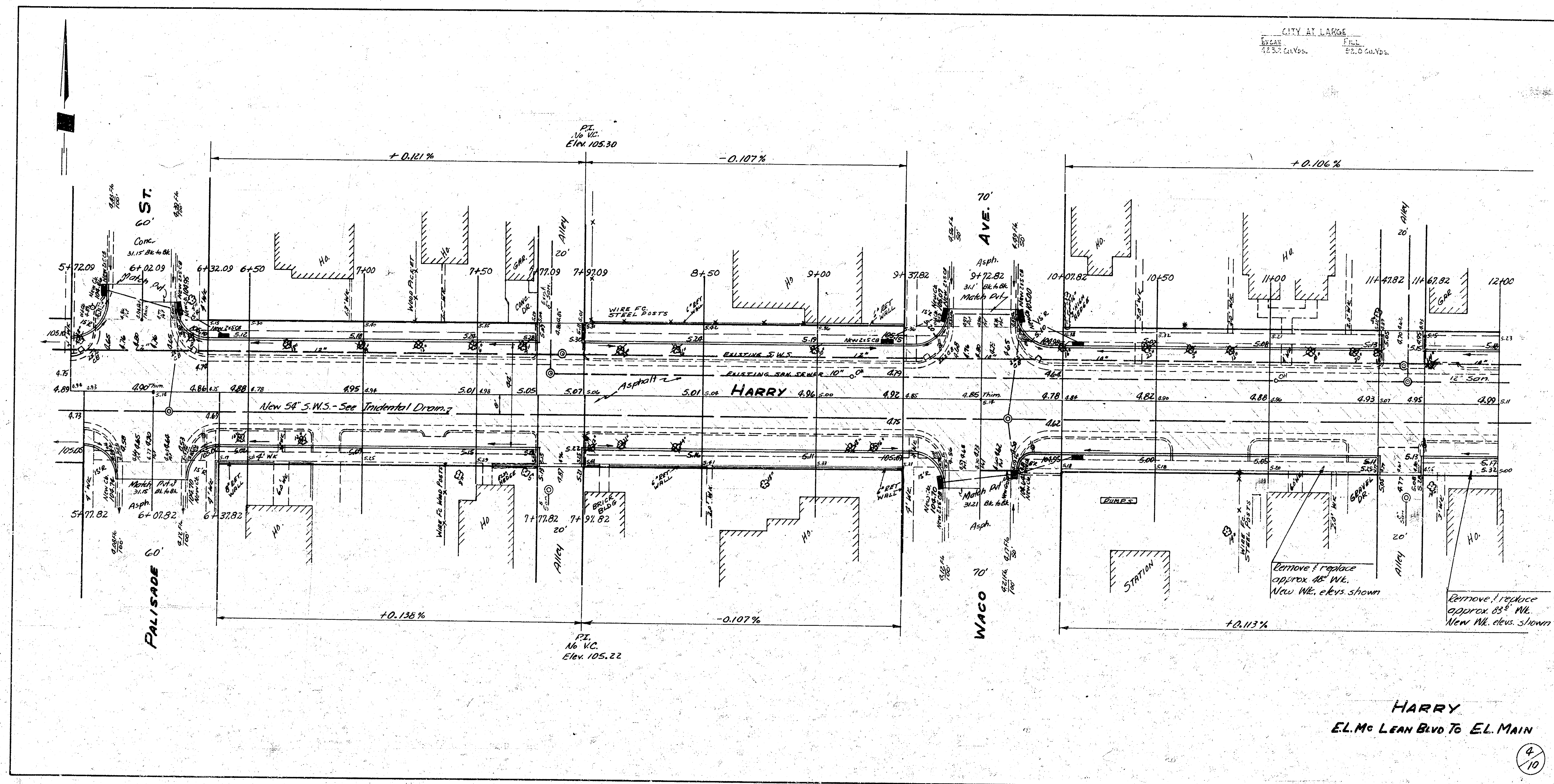
Safety Island See detail sheet #2

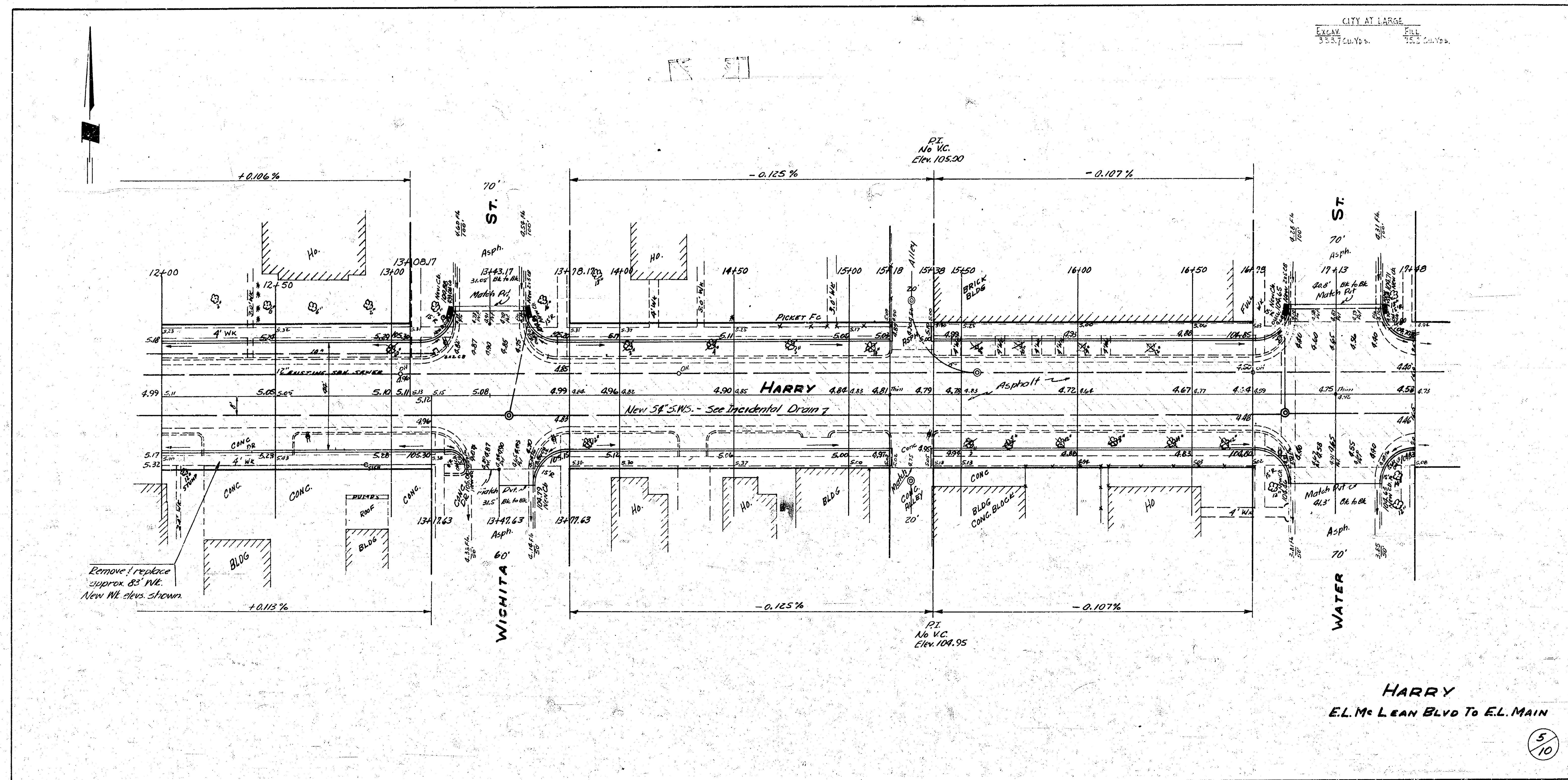
E. GREENWAY BLVD

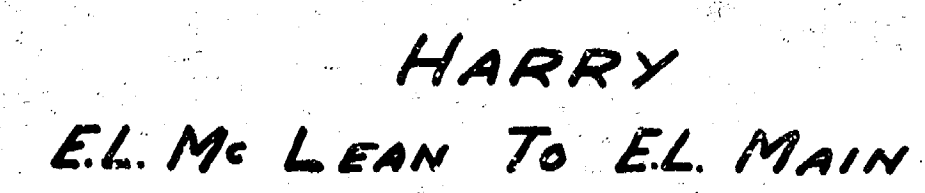
3/10

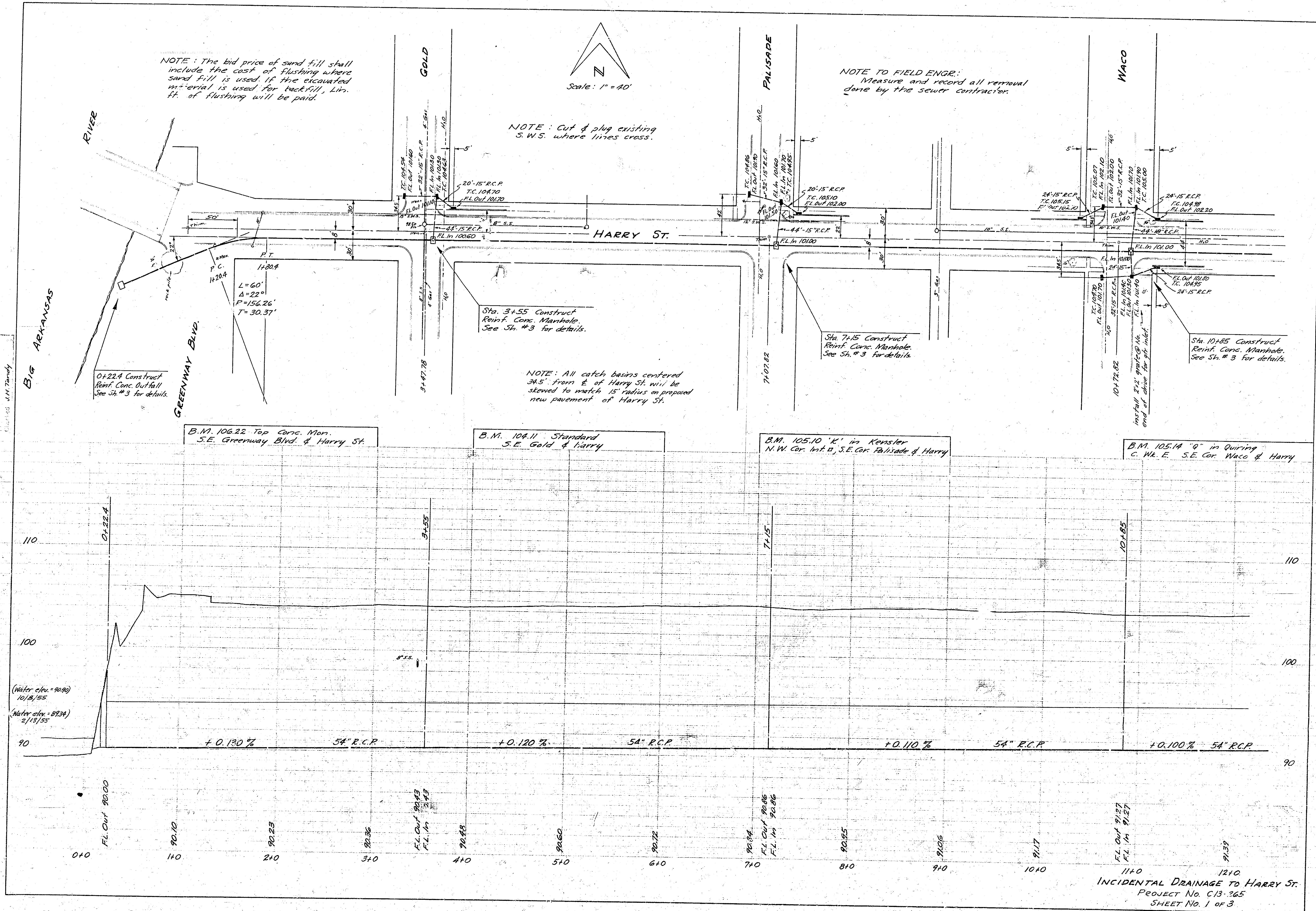
CITY AT LARGE	
TOTAL EXCAV.	TOTAL FILL
1345.7	534.1
10% 124.5	40% 212
1374.5 Cu Yds.	564.5 Cu Yds. = 180.6 Tons

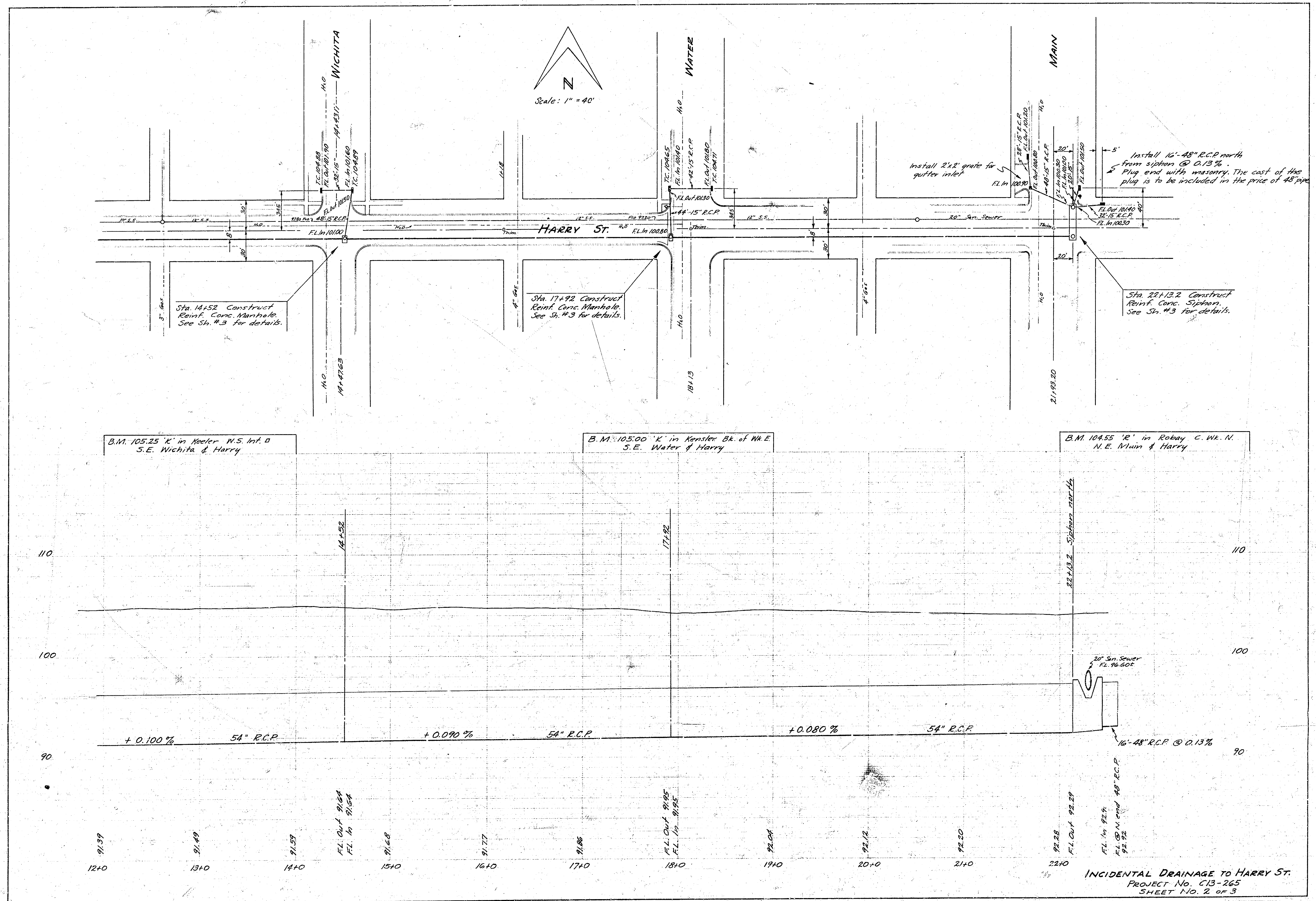
HARRY
 E.L. MC LEAN BLVD TO E.L. MAIN
 44' CONC. 8" & CB.
 CITY OF WICHITA KAN.
 B.E. SMITH CITY ENGINEER
 OCT. 1955 PROJ. NO C13-265











DIFF. OF MATERIALS:
 100 cu yds. concrete
 407 lbs. steel
 4 - 20' treated timber piles

PLAN VIEW

15 # 5 bars 7'-6" long
 4 - 20' Treated timber Piles
 10" butt (minimum)
 15 # 5 bars 7'-6" long

8'-0" x 8'-0" overall dimensions
 6'-0" x 6'-0" inner dimensions
 9" wall thickness
 54" R.C.P. (Reinforced Concrete Pipe)

END ELEVATION

10'-0" height
 8'-0" width
 6'-0" width
 9" wall thickness
 3 # 5 bars 7'-6" long
 4 # 5 bars 9'-6" long
 2 # 5 bars 7'-0" long
 12 # 5 bars
 2 3'-0" long, 2 6'-0" long
 2 4'-0" long, 2 6'-0" long
 2 6'-0" long, 2 6'-0" long
 54" R.C.P.

SIDE ELEVATION

Sta. 0+22.4
 14 # 5 bars - varied lengths
 2 3'-0" long, 2 6'-0" long
 2 6'-0" long, 8 7'-0" long
 2 # 5 bars 7'-0" long
 4'-0" height
 2'-0" height
 9" wall thickness
 54" R.C.P.
 EL. 20.00

NOTE: Catch basin made @ Main St with enter this brick manhole @ elevations shown on plan

9 #5 bars 6'-6" long

2 #5 bars 6'-3" long

2 #5 bars 4'-0" long

2 #5 bars 3'-0" long

SEC. B-B

SEC. A-A

REINFC CONC. MANHOLE
@ STATIONS 3+55, 7+15
10+85, 14+52, 17+92.

Scale: $\frac{3}{8}" = 1'-0"$

NOTE:
 Standard brick manholes are to be constructed over 3'-0" dia. hole in the top of the reinf. conc. manholes. All catch basin leads will enter the brick manholes at the elevations shown on the plan. The cost of the brick manholes shall be included in the bid price of the reinf. conc. m.h.

PLAN VIEW

ELEVATION

SECTION

Bill of Materials per manhole:	
5.97 cu. yds. concrete	
10.00 cu. yds. brick	
1.00 cu. yds. mortar	
1.00 cu. yds. sand	
1.00 cu. yds. gravel	
1.00 cu. yds. stone	
1.00 cu. yds. brick	
1.00 cu. yds. mortar	
1.00 cu. yds. sand	
1.00 cu. yds. gravel	
1.00 cu. yds. stone	

Diagram for bent bars in top.

The diagram shows two bent bars. The top bar has a horizontal segment of 4'-0" and a vertical segment of 6'-6". The bottom bar has a horizontal segment of 4'-0" and a vertical segment of 6'-6". Both bars are bent at a 30-degree angle. The top bar is labeled with dimensions 3 @ 2'-3" and 2 @ 6'-6". The bottom bar is labeled with dimensions 3 @ 2'-3" and 2 @ 6'-6".

REINFC. CONC. INVERTED SIPHON
STA. 22+13.2
 Scale: $\frac{3}{8}" = 1'-0"$

PLAN VIEW

54" R.C.P.
 36'-6"
 35'-0"
 7'-0"
 5'-6"
 3'-0" hole
 8 #5 bars 3'-9" long
 5 #5 bars 36'-0" long in floor
 See diagram above for #5 longitudinal bars in top.
 20"
 36'-6"
 7'-0"
 5'-6"
 3'-0" hole
 48" R.C.P.
 39 #5 bars 6'-6" long @ 9" c/c in 12'
 48 #5 bars 6'-6" long @ 7" c/c in 12'

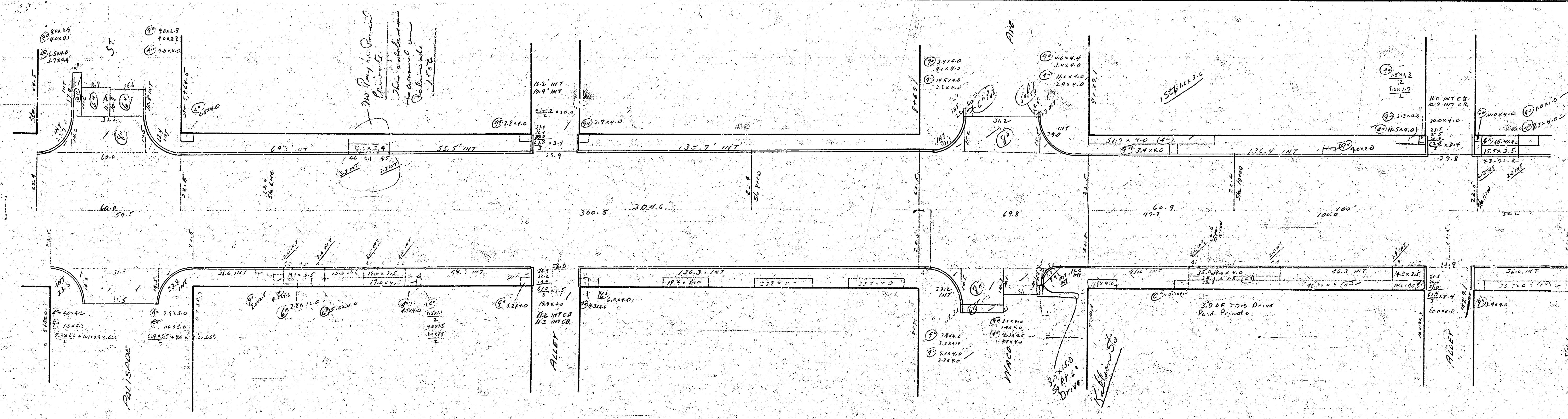
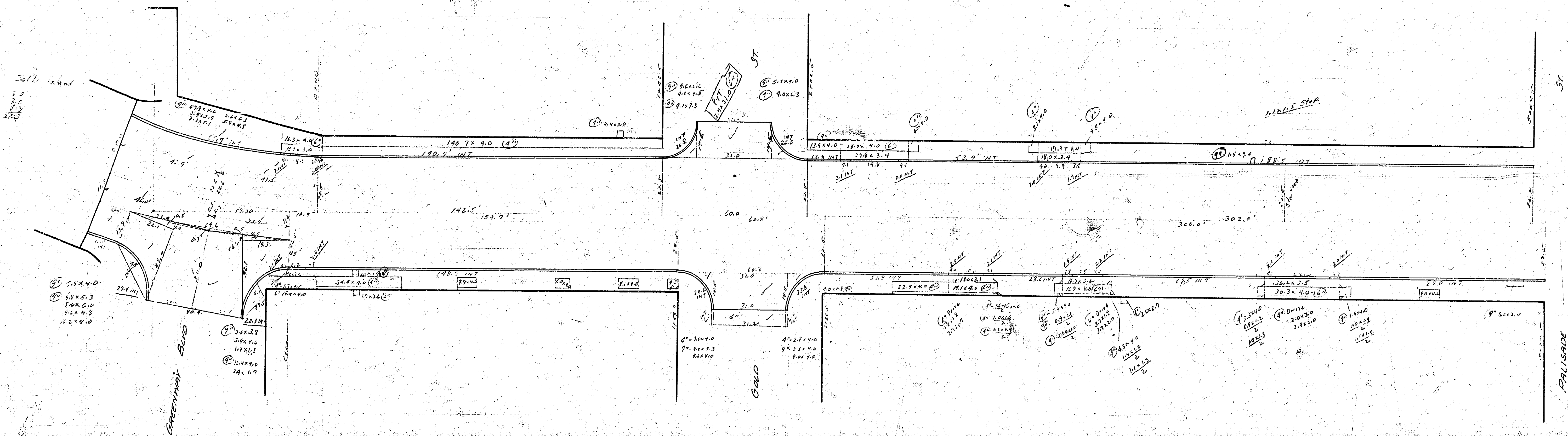
ELEVATION

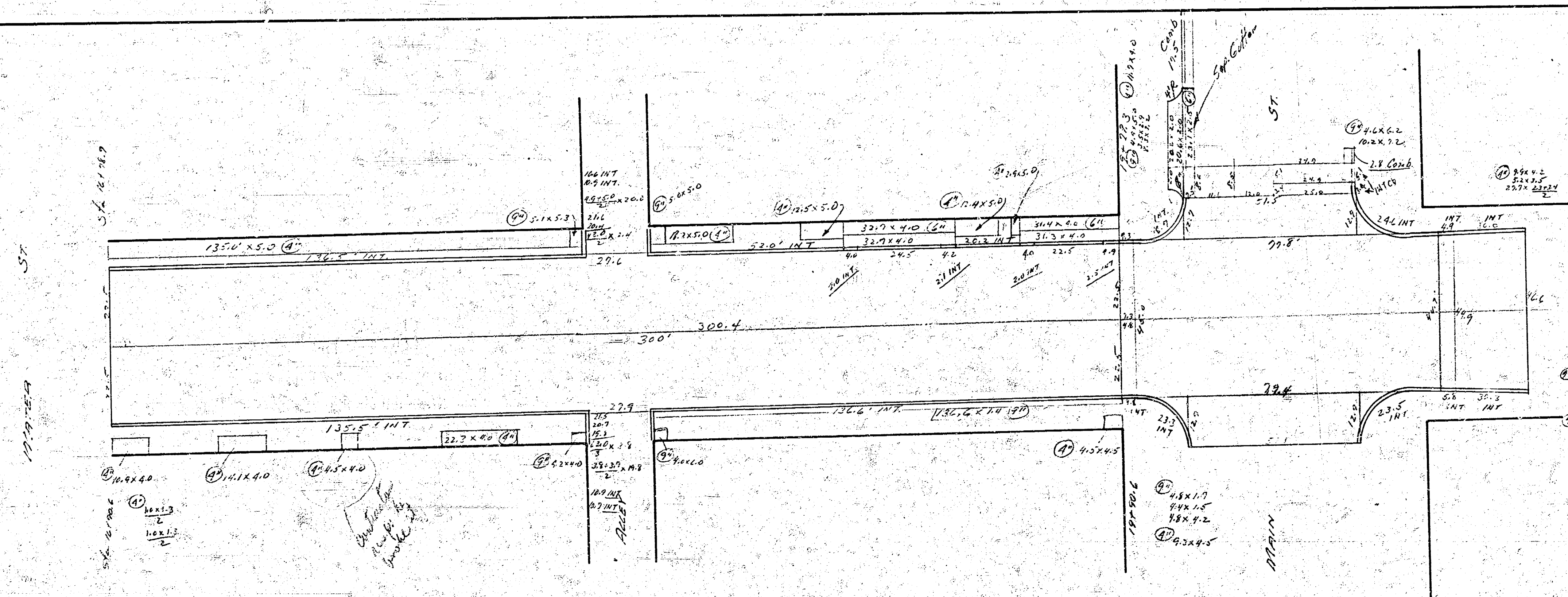
18 #5 bars @ 9" c/c in 12', 5 28'-6" long,
 5 36'-0" long, 2 10'-6" long, 3 8'-0" long,
 1 13'-6" long, 2 4'-0" long.
 existing 10" San Sewer
 F.L. 92.601
 20"
 9"
 54" R.C.P.
 F.L. 92.30
 20'-0"
 6'-0"
 11'-0"
 6'-0"
 6'-0"
 6'-0"
 15'-0"
 9"
 36'-6"
 5'-0"
 6'-0"
 48" R.C.P.
 F.L. 92.90
 H. 92.55
 4 #5 bars @ 9" c/c in 12'

Bill of Materials:
 25.8 cu yds concrete
 2210.

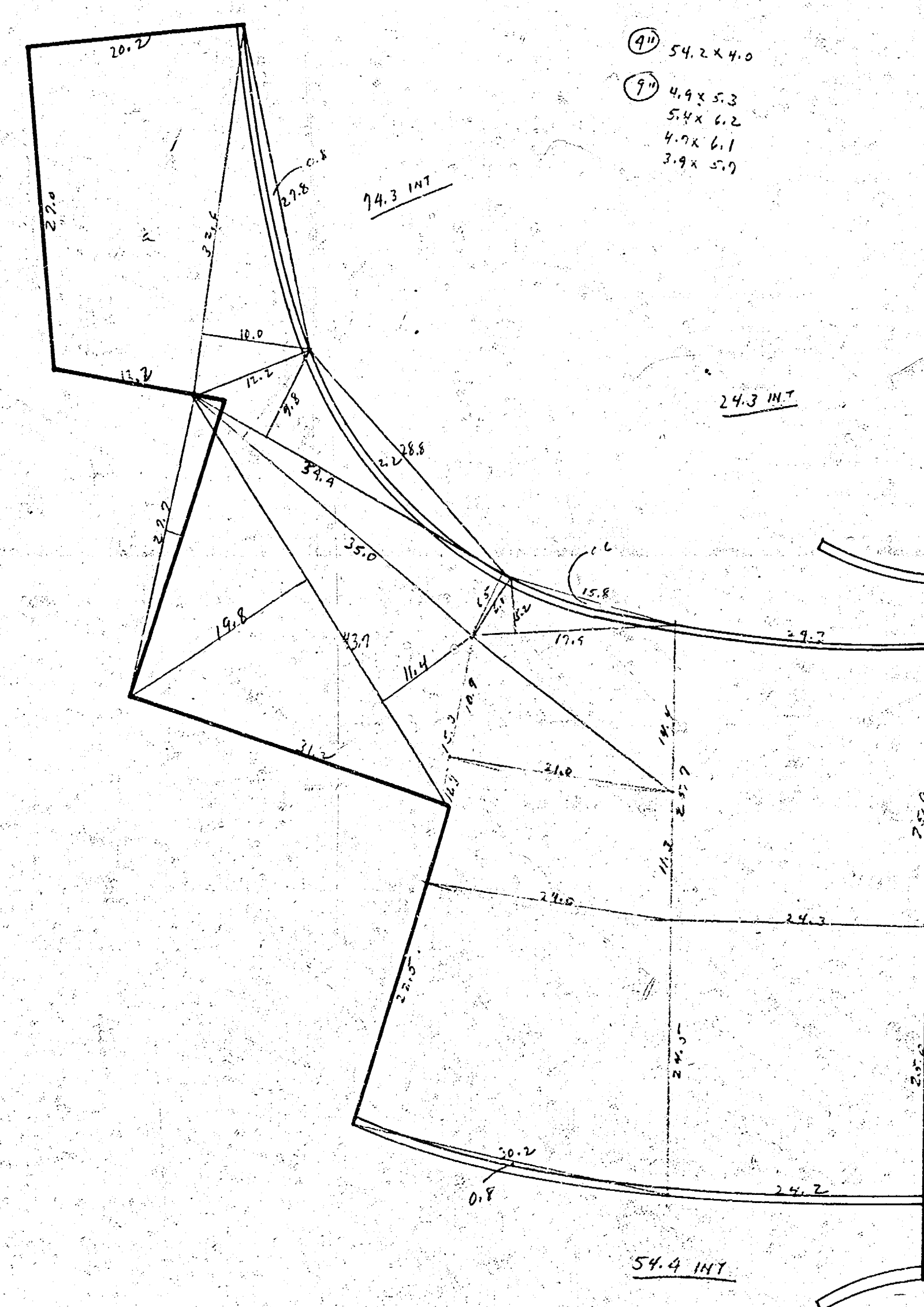
INCIDENTAL DRAINAGE - HARRIS
 PROJECT NO. C-13-265

INCIDENTAL DRAINAGE - HARRY ST.
PROJECT No. C13-265
SHEET No. 3 OF 3





New Pct.



411
 5.9×4.9
 6.7×7.1
 5.1×6.6