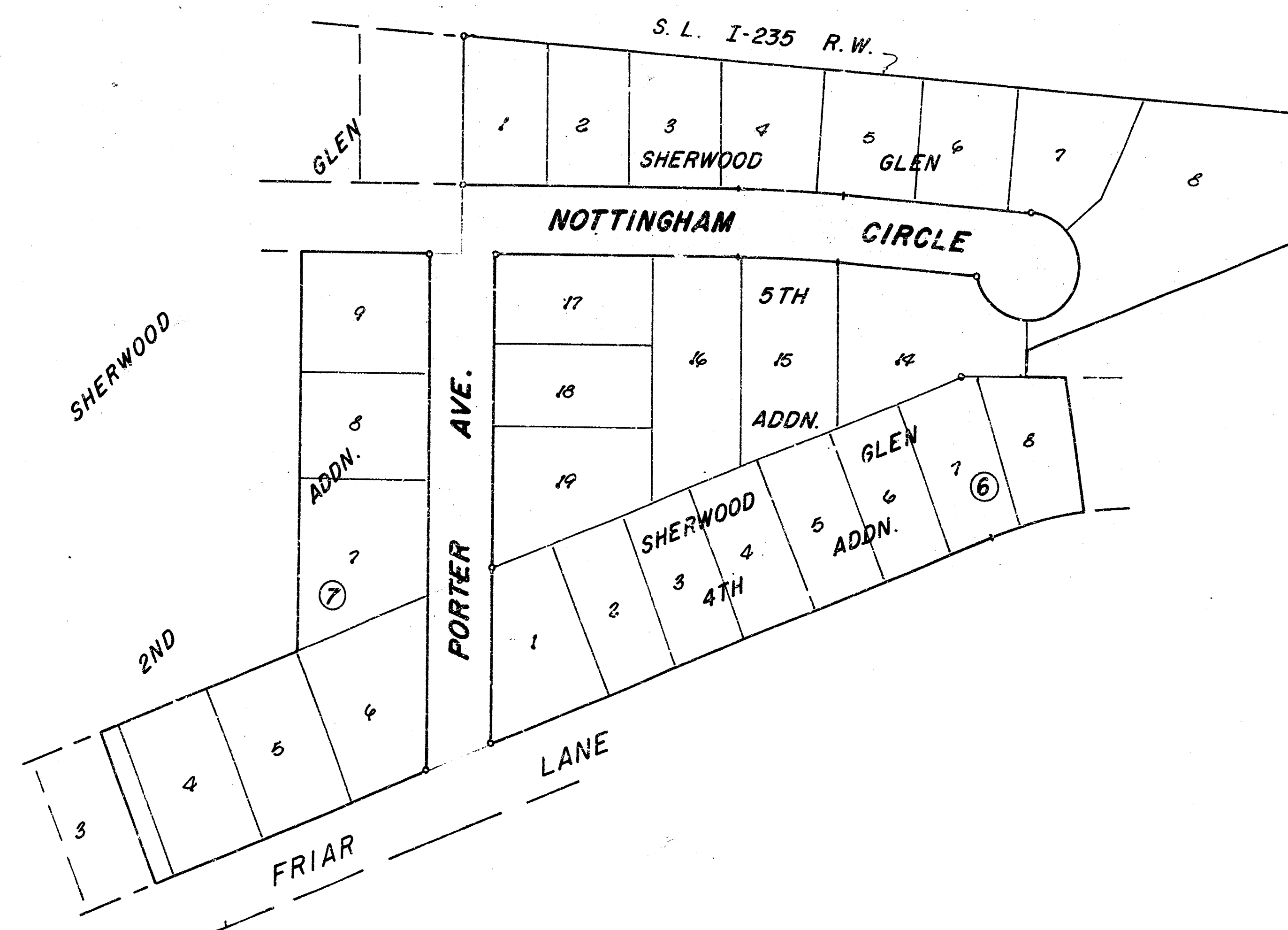


PORTER AVE.
N.L. FRIAR LANE TO N.L. NOTTINGHAM LANE.
NOTTINGHAM CIRCLE
E.L. PORTER AVE. TO & INCL. CUL-DE-SAC.

PROJECT NO. _____
472-76-245-80419-000-000-001

CITY OF WICHITA, KS.
R.W. BRUGGEMAN — DIR. ENGINEERING



Note -
Ties to be taken and any irons moved or destroyed due to construction shall be replaced.
Engineer to verify elevations at S.W. corner intersection of Porter & Nottingham prior to constr., due to intersection reconstruction by the Water Dept.
Contractor to verify gas line locations in Nottingham Circle & those crossing Porter Ave. as indicated on sheets 3 & 4.
Contractor to co-ordinate w. san. sewer & flume constr.
Transition sections of CO. & gtr. are to be bid & paid as "Roll Type CO. & Gtr."
Engineer to determine amount of drive to be saved, rem'd. & repl. behind the R. on sheet 4.
Flume hookup to be considered as incidental to I.G. Pavement.

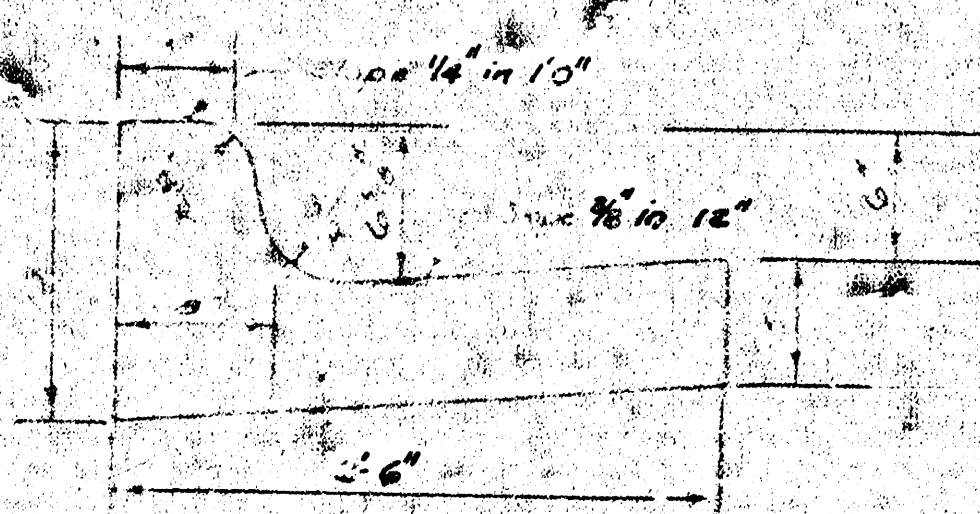


Date _____

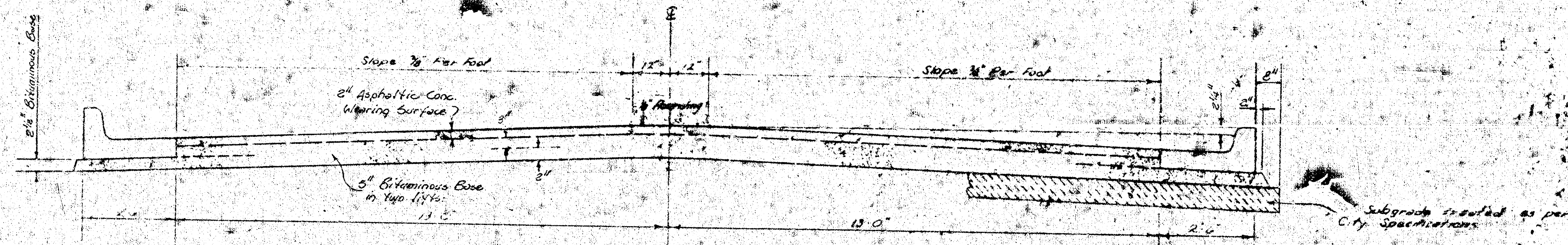
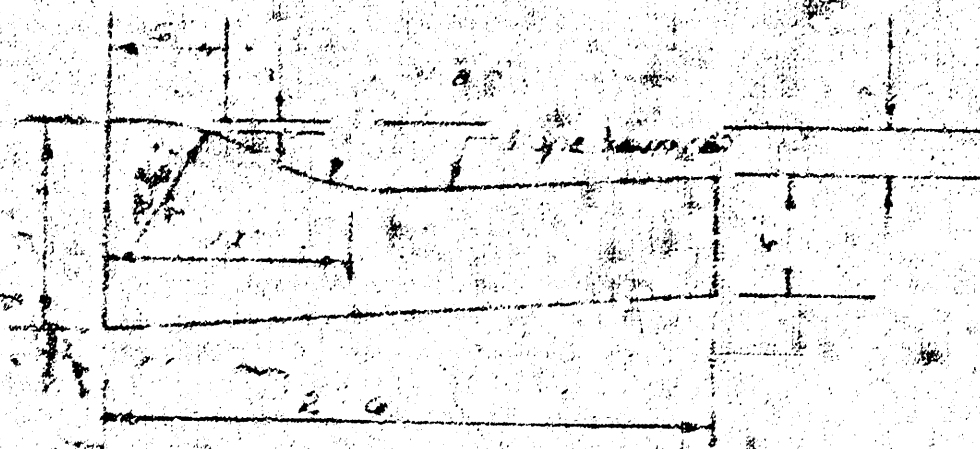
BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 330 LAURA • WICHITA, KANSAS 67211

1/6

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



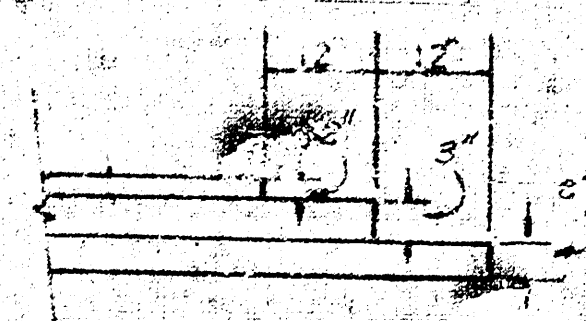
TYPICAL SECTION

31" ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

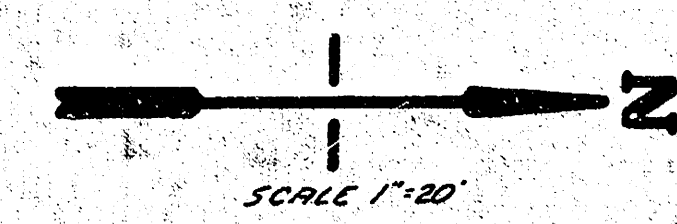
The A.C. pavement between the Comb Curb & gutter shall be paid as 5% 1" A.C. Pavement (5" Bituminous Base). The Bituminous Base under the Comb Curb & gutter shall be paid as 5% 1" 2" Bituminous Base.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

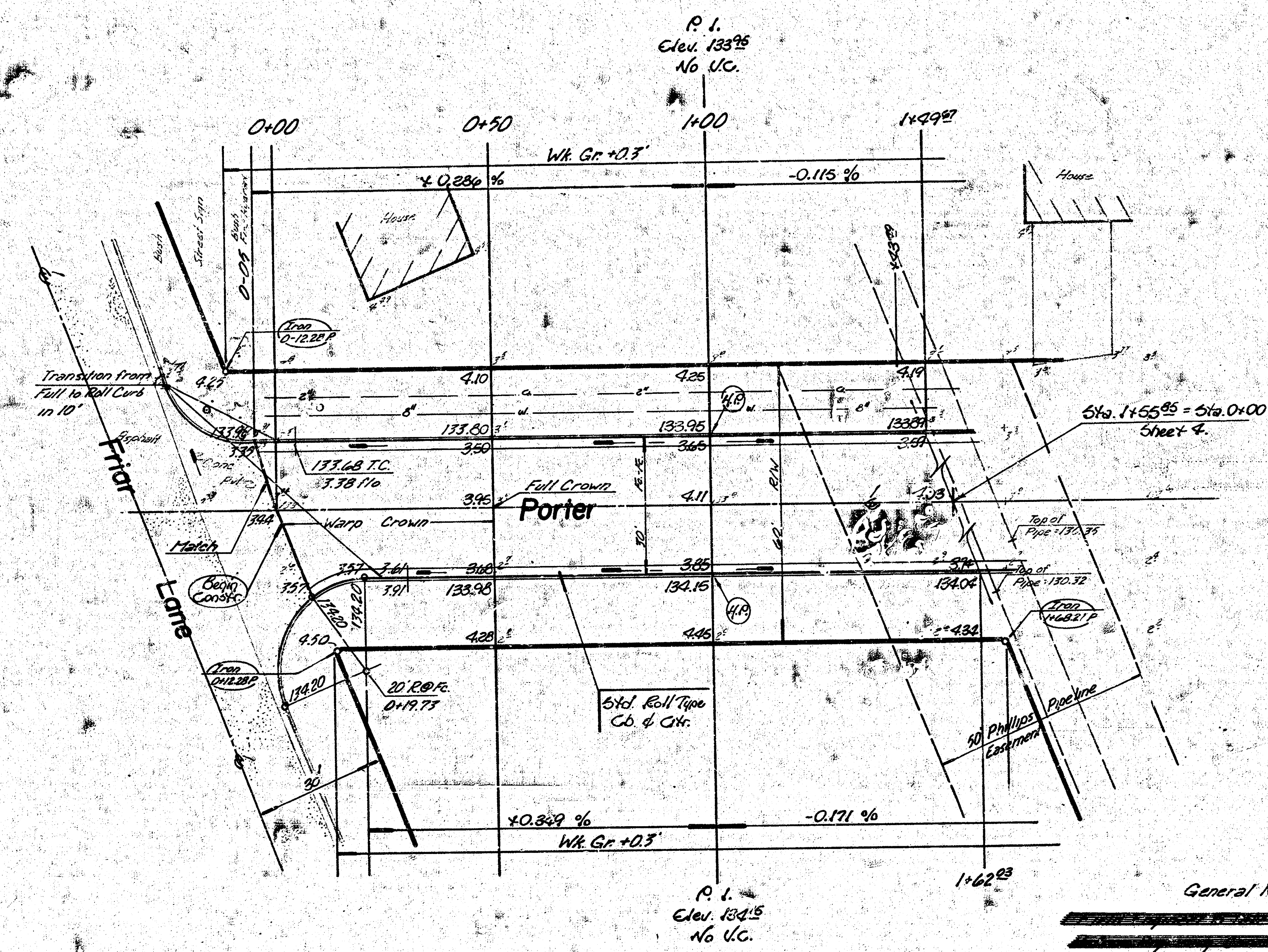


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

Survey Notes: Bl. 2 of 3
Plan
Ex
Checked



B.M. 173.01 'D' East End Return N.E. Cor.
Fruit & Woodrow
R is E Porter
19-20' DRIVES



Earthwork			Quantities.		
Property			City		
Excavation = 95.1 cy.	Compacted Fill = 60.6 cy.	Borrow = 125.18 cy.	Excavation = 2.1 cy.	Comp. Fill = 1.9 cy.	Borrow = 22.2 cy.
+10% = 9.5	+10% = 6.6	+10% = 12.58	+10% = 0.2	+10% = 0.1	+10% = 2.3
Total = 104.6 cy.	Total = 67.2 cy.	Total = 137.76 cy.	Total = 2.3 cy.	Total = 2.0 cy.	Total = 24.5 cy.
Manipulation = 3369.3 cy.			Manipulation = 88.1 cy.		

SUB-GRADE
TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

- General Notes
1. Transition Curb to be Paid as Roll-Type Curb/Gutter

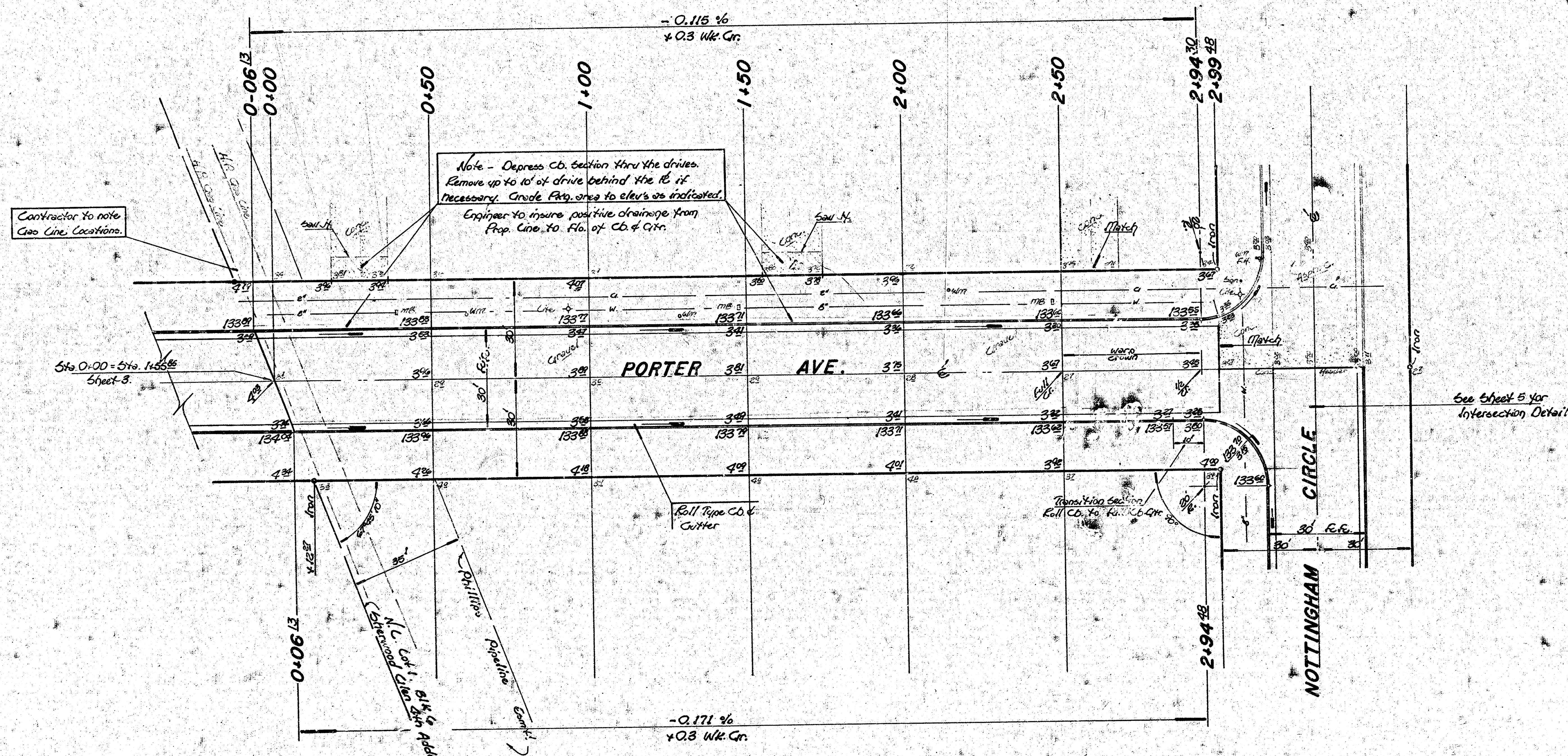
PORTER AVE.

B.M. - 135.13 S.E. Corner Conc. Potholes Hb. # 3981 N. Porter.
 B.M. - 133.79 "4" Top N. Cd. Friar Lane, W. L. Porter.

Ⓟ is E. Porter.



Scale:
 1" = 20'

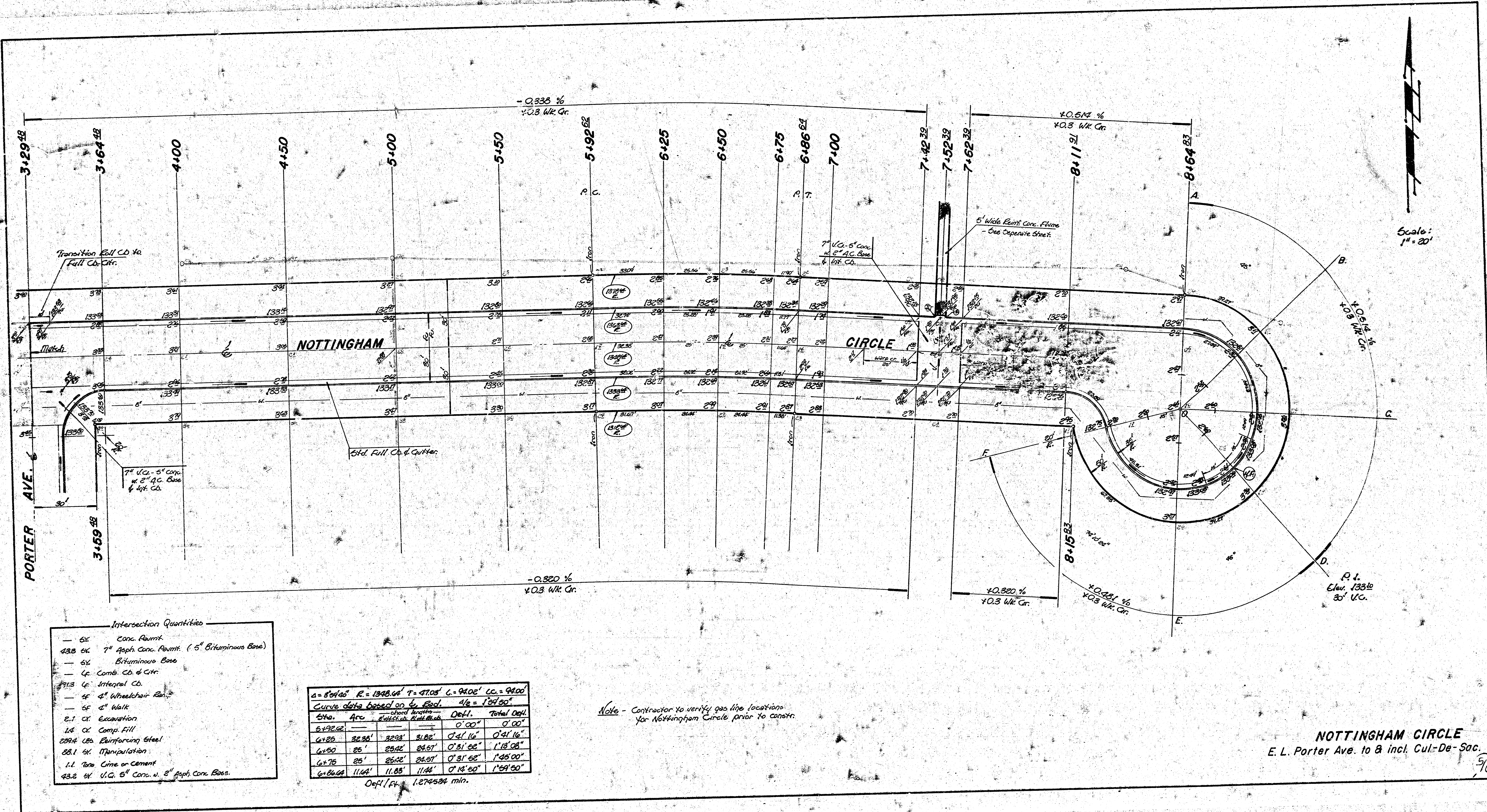


— Indicates Drive Removal.

PORTER AVE.
 N. L. Friar Lane to N. L. Nottingham Ln.
 Project No.
 472-76-245-80419-000-000-001
 Date _____

Plan: Brighton - 1/1/18
 Survey: 1/1/18

Plan: Brighton Rd 161
Survey: 10/18



Scale:
1" = 20'

- Intersection Quantities
- 6x Conc. Pavmt.
 - 43.8 xk 7" Asph. Conc. Pavmt. (5" Bituminous Base)
 - 6x Bituminous Base
 - 4x Comb. Cb. & Gtr.
 - 21.3 x Integral Cb.
 - 5x 4" Wheelchair Ramp
 - 6x 4" Walk
 - 2.1 x Excavation
 - 14 x Comp. Fill
 - 209.4 lbs. Reinforcing Steel
 - 88.1 xk Manipulation
 - 1.1 Ton Lime or Cement
 - 43.2 xk U.G. 5" Conc. u. 2" Asph. Conc. Base.

4 = 8'54"40" R = 1348.64' T = 47.05' L = 94.08' LC = 94.00'

Curve data based on 6' Rad. 1/2 = 1'34"50"

Sta.	Arc	Chord	Defl.	Total Defl.
5+92.62			0'00"	0'00"
6+25	32.38'	31.82'	0'41'16"	0'41'16"
6+50	25'	24.42'	0'31'52"	1'13'08"
6+75	25'	24.42'	0'31'52"	1'45'00"
6+86.64	11.62'	11.85'	0'14'50"	1'59'50"

Defl./Ch = 1.274534 min.

Note - Contractor to verify gas line locations for Nottingham Circle prior to constr.

NOTTINGHAM CIRCLE
E. L. Porter Ave. to & incl. Cul-De-Sac.

5/6

