PORTER AVE.

N.L. FRIAR LANE TO N.L. NOTTINGHAM LANE.

NOTTINGHAM CIRCLE

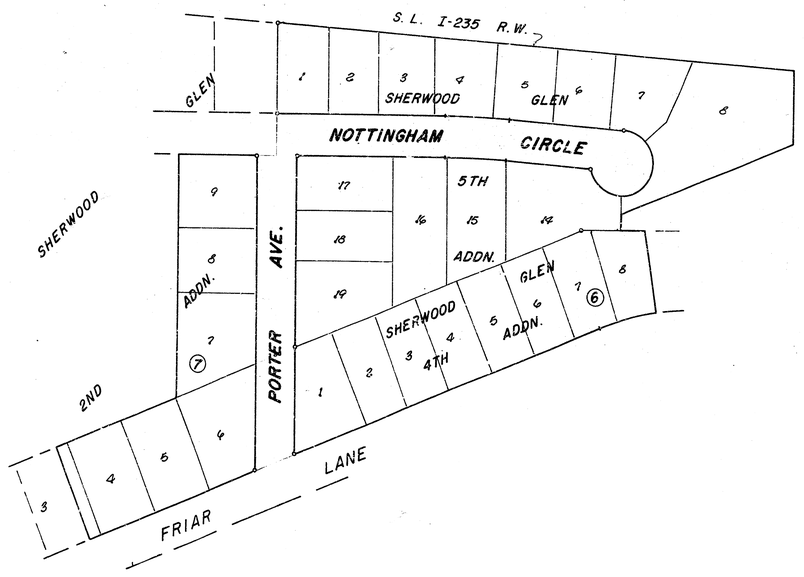
E.L. PORTER AVE. TO & INCL. CUL-DE-SAC.

PROJECT NO.

472-76-245-80419-000-000-001

CITY OF WICHITA, KS.

R.W. BRUGGEMAN——DIR. ENGINEERING



Scale: 1" = 100'

Note -

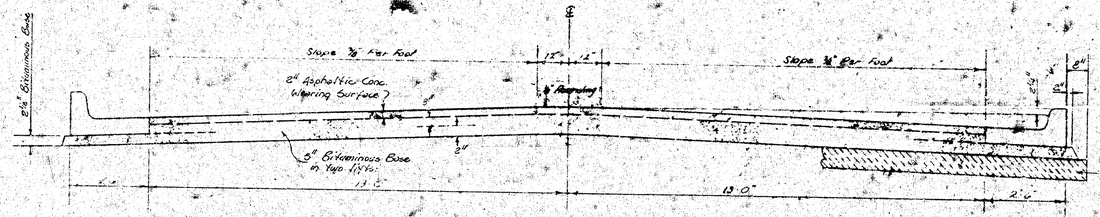
Ties to be taken and any irons moved or destroyed due to construction shall be replaced.
Engineer to verify elevations at S.W. corner intersection of Porter & Nottingham prior to constr., due to intersection reconstruction by the Water Dept.
Contractor to verify gas line locations in Nottingham Circle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

ALBERT WOOTEN LICENSED 8479 KANSAS ENGINEER

Date _____ 1/4

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

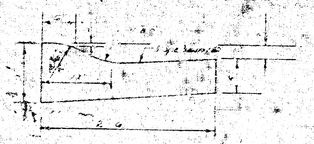
1/6



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

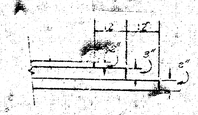
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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. payment between the Comb. Curb & Gutter shall be paid as Sq Yds. 1½" A.C. Pavement (3" Bituminous Base) The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq Yds. 2½" B. Tuminous 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.

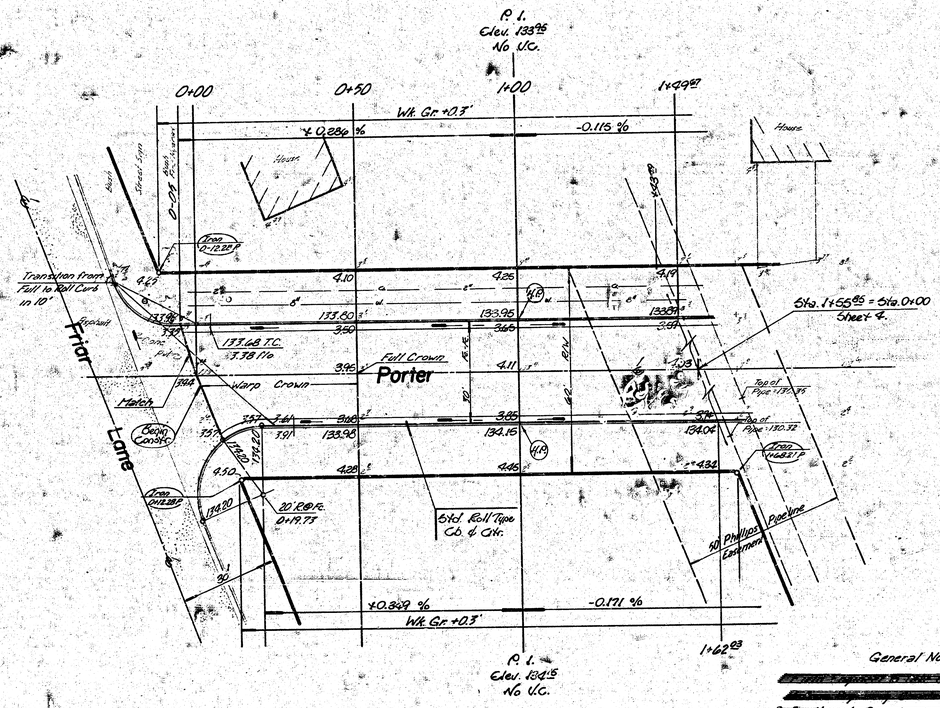
(2/6)

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Survey Roberts Bk. L 4-8
Plan
Ext.
Checked

B.M. 133.01 'D' East End Return N.E. Cor Friar & Woodrow
B is E Porter
19-20' DRIVES

SCALE 1"=20'



Earthwork Quantities.

Property			City		
Excavation = 95.1 c.y.	Compacted fill = 904.6 c.y.	Borrow = 1251.8 c.y.	Excavation = 2.1 c.y.	Comp. Fill = 1.4 c.y.	Borrow = 3.2 c.y.
+10 % = 9.5 "	+10 % = 90.4 "	+10 % = 125.2 "	+10 % = 0.2 "	+10 % = 0.1 "	+10 % = 2.8 "
Total = 104.6 c.y.	Total = 995 c.y.	Total = 1377.0 c.y.	Total = 2.3 c.y.	Total = 1.5 c.y.	Total = 31.0 c.y.

Manipulation = 3869.3 S.Y.

Manipulation = 88.1 c.y.

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

3. Transition Curb to be Paid as Roll-Type Curb & Gutter

PORTER AVE.

3/6

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B.M. - 135.13 S.E. Corner Conc. Porch 46.4' 3981 N. Porter.
B.M. - 133.79 "+" Top N. Cb. Friar Lane, W. L. Porter.

℄ is ℄ Porter.

Scale:
1" = 20'

Plan: Boughman - Ad. 1/61
Survey: KW-16

-0.115 %
+0.3 Wk. Gr.

0-06.13
0+00
0+50
1+00
1+50
2+00
2+50
2+94.30
2+99.48

Note - Depress Cb. section thru the drives. Remove up to 10' of drive behind the R. if necessary. Grade Pkg. area to elev's as indicated. Engineer to insure positive drainage from Prop. Line, to Fls. of Cb. & Ctr.

Contractor to note Geo. Line, Locations.

Sta. 0+00 = Sta. 1+55.85 Sheet 3.

PORTER AVE.

See Sheet 5 for Intersection Detail

Roll Type Cb. & Gutter

Transitting Section Roll Cb. to Fl. Cb. Gtr.

NOTTINGHAM CIRCLE

30' R/W

2+94.48

0+90.0

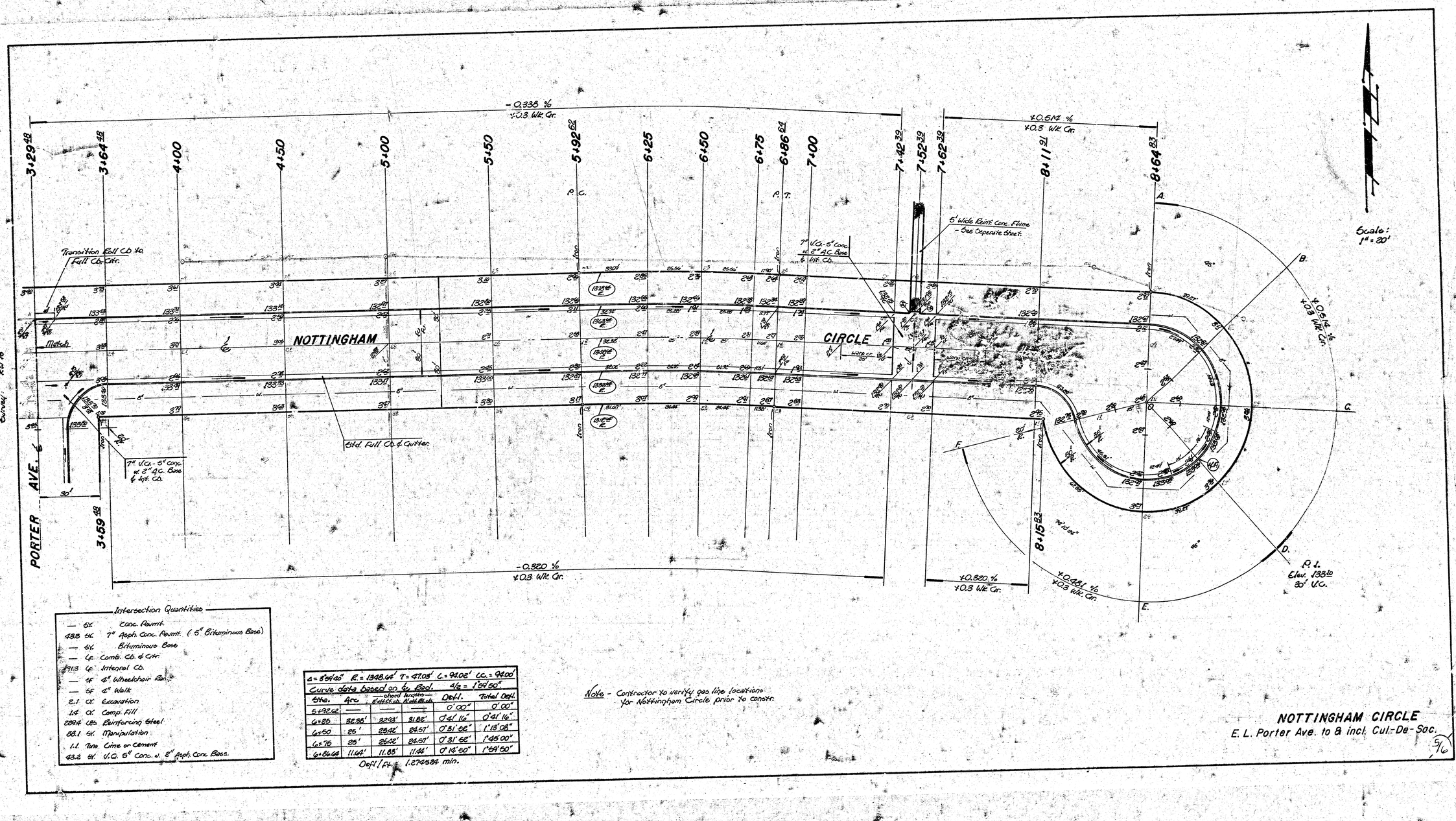
-0.171 %
+0.8 Wk. Gr.

N.L. Lot 1, Blk. G Cleveland Cliffs Sub. Addn.

Phillips Pipeline Easmt.

Indicates Drive Removal.

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



Intersection Quantities

—	SY.	Conc. Reinf.
43.3	SY.	7" Asph. Conc. Reinf. (5" Bituminous Base)
—	SY.	Bituminous Base
—	LF.	Comb. Cb. & Gtr.
21.3	LF.	Integral Cb.
—	SF.	4" Wheelchair Ramp
—	SF.	4" Walk
2.1	CY.	Excavation
1.1	CY.	Comp. Fill
289.4	LBS.	Reinforcing Steel
88.1	SY.	Manipulation
1.1	Tons	Lime or Cement
43.2	SY.	V.C. 6" Conc. w. 2" Asph. Conc. Base.

Curve data based on Ext. Bndl.				4/2 = 1°24'50"	
Sta.	Arc	Chord Length — Ext. Bndl.	Chord Length — Mid. Bndl.	Defl.	Total Defl.
5+92.62	——	——	——	0°00"	0°00"
6+25	32.38'	32.38'	31.82'	0°41'16"	0°41'16"
6+50	25'	25.02'	24.57'	0°31'56"	1°13'08"
6+75	25'	25.02'	24.57'	0°31'56"	1°45'00"
6+86.64	11.64'	11.65'	11.44'	0°14'50"	1°59'50"

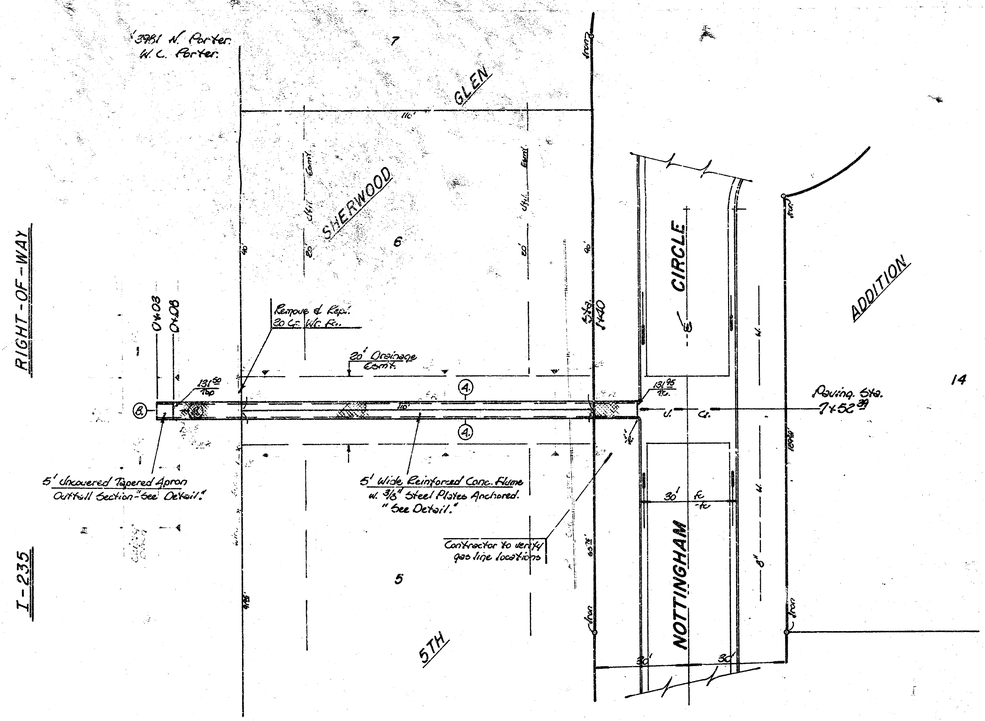
Defl/Ft. = 1.274584 min.

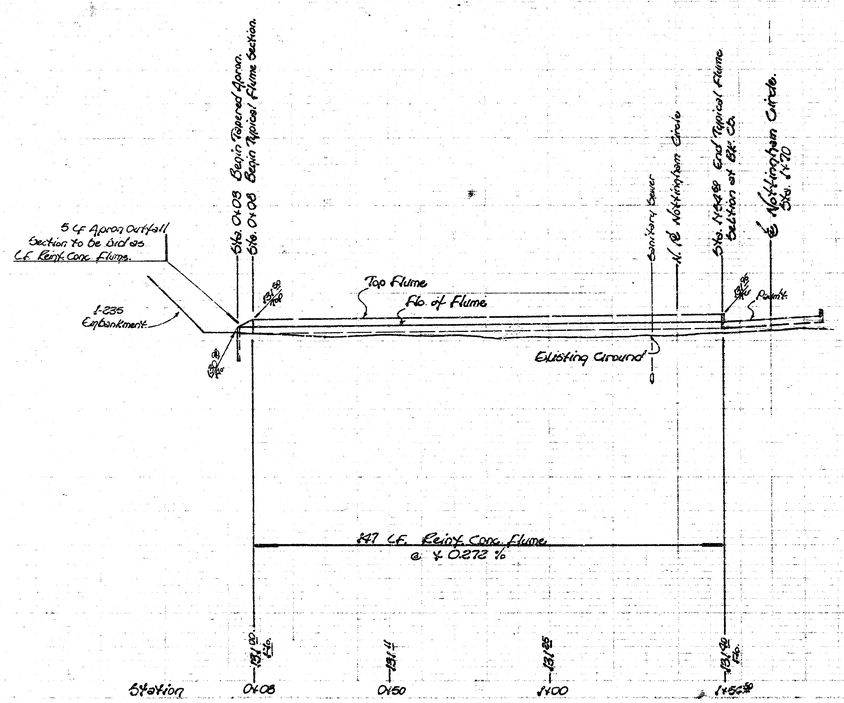
Δ = 5°59'26" R. = 1348.64' T = 47.05' L. = 94.02' LC. = 94.00'

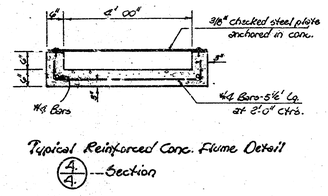
Note - Contractor to verify gas line locations for Nottingham Circle prior to constr.

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

5/6

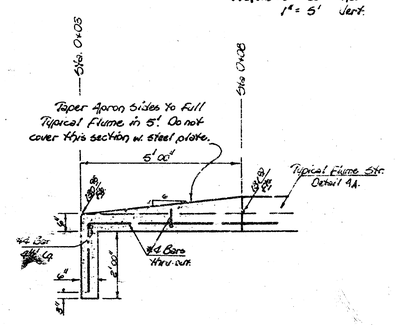






Typical Reinforced Conc. Flume Detail
(4/A)—Section

Scale:
Plan - 1" = 20'
Profile - 1" = 20' Hor.
1" = 5' Vert.



Reinforced Conc. Apron Detail w. Tapered Sides.
(B/B)—Section

Note -

Contractor to co-ordinate constr. of the flume with the pavement constr.

The bid price for C.F. Reinf. Conc. Flume shall include all costs for completing the item including furnishing and constructing all materials, labor, excavation, grading, reinforcing steel, and the anchored 3/8" checked steel plate covering.

The 5' Outfall Section of Flume shall be bid as C.F. Reinf. Conc. Flume.

Contractor to verify location of gas lines prior to constr.

DRAINAGE
IN CONNECTION w.
PORTER AVE. & NOTTINGHAM CIRCLE

4/6

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