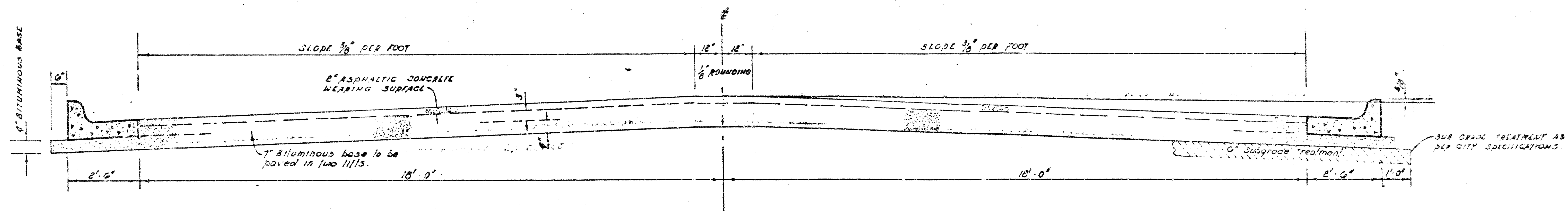


BRAMELEWOOD S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN. TO S. L. 21ST ST.



TYPICAL SECTION

The A.C. pavement between the curb curb & gutter shall be paid as 30 yds 9" A.C. pavement (1" Bituminous base). The Bituminous base under the curb curb & gutter shall be paid as 50 yds 9" Bituminous base.

4" ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

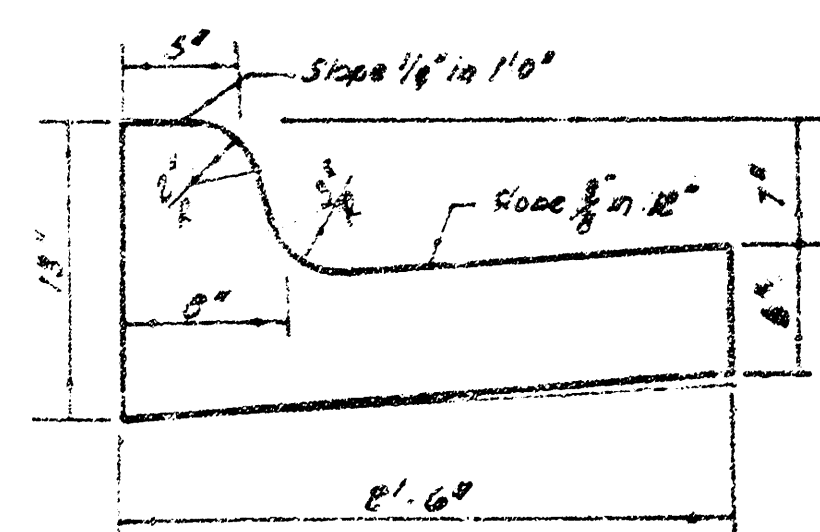
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE 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.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

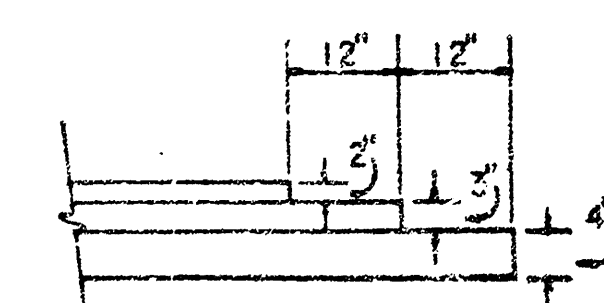
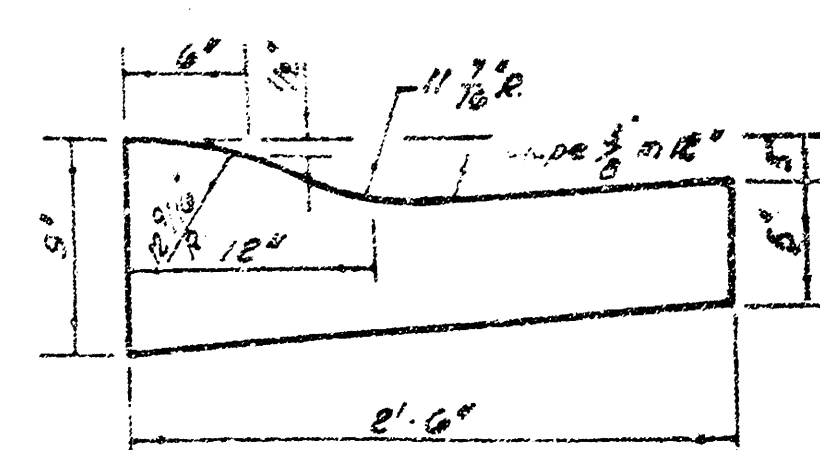
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

Manipulation = 7,970.05.Y.

COMBINED CURB & GUTTER



ROLL TYPE CURB & CUTTER



CITY OF WICHITA, KANSAS
DEPARTMENT of PUBLIC WORKS - Engineering
Division.
DEAN S. SELLERS ACTING CITY ENGINEER
DATE _____ PROJ. NO. 4276 245 5057 8 000 000 001

BM = 220.41 ~ RR Spike SE. Co. PP At NW Cor. Woodlawn
 & Rockhill Rd.
 BM = 207.35 ~ RR Spike W. Side Hedge Tree Approx. 300' E &
 240' N of NE Cor. Bramblewood & Rockhill Rd.

B is E Bramblewood.



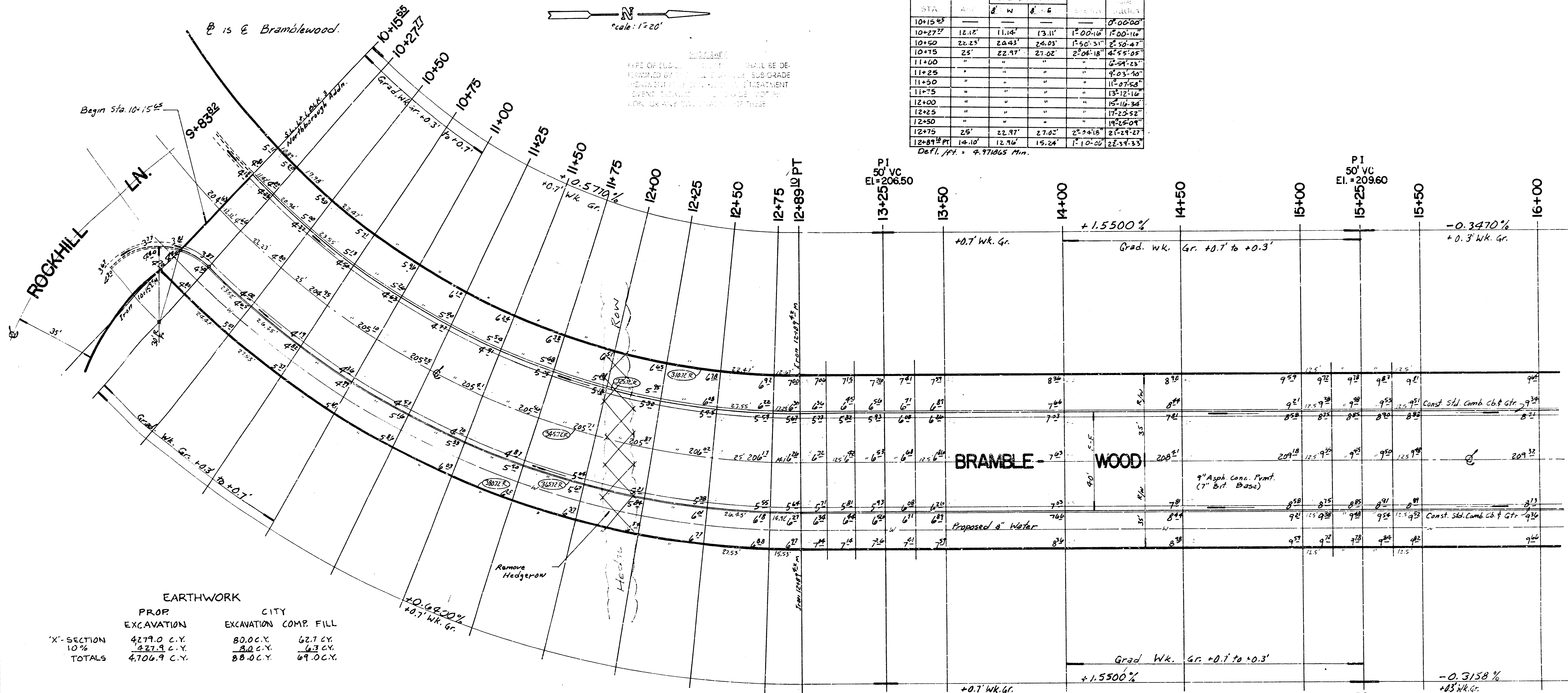
TYPE OF CURVE SHALL BE DETERMINED BY THE ENGINEER. SUB-GRAD SHALL BE DETERMINED BY THE ENGINEER. TREATMENT OF EARTHWORK SHALL BE DETERMINED BY THE ENGINEER. FOR OR ANY OTHER PURPOSE.

45.196 345.76 14.433 273.45 266.38

CURVE DATA BASED ON E

STA	AW	W	G	EA	EA
10+15.05				0.0000	
10+27.7	12.18	11.14	13.11	1.0016	1.0016
10+50	22.23	20.43	24.03	1.5031	1.5031
10+75	25	22.97	27.02	2.0048	2.0048
11+00	"	"	"	2.5063	2.5063
11+25	"	"	"	3.0079	3.0079
11+50	"	"	"	3.5094	3.5094
11+75	"	"	"	4.0110	4.0110
12+00	"	"	"	4.5125	4.5125
12+25	"	"	"	5.0141	5.0141
12+50	"	"	"	5.5156	5.5156
12+75	25	22.97	27.02	6.0172	6.0172
12+87.12	14.10	12.96	15.24	6.5187	6.5187

Defl. ft. = 4.971665 Min.



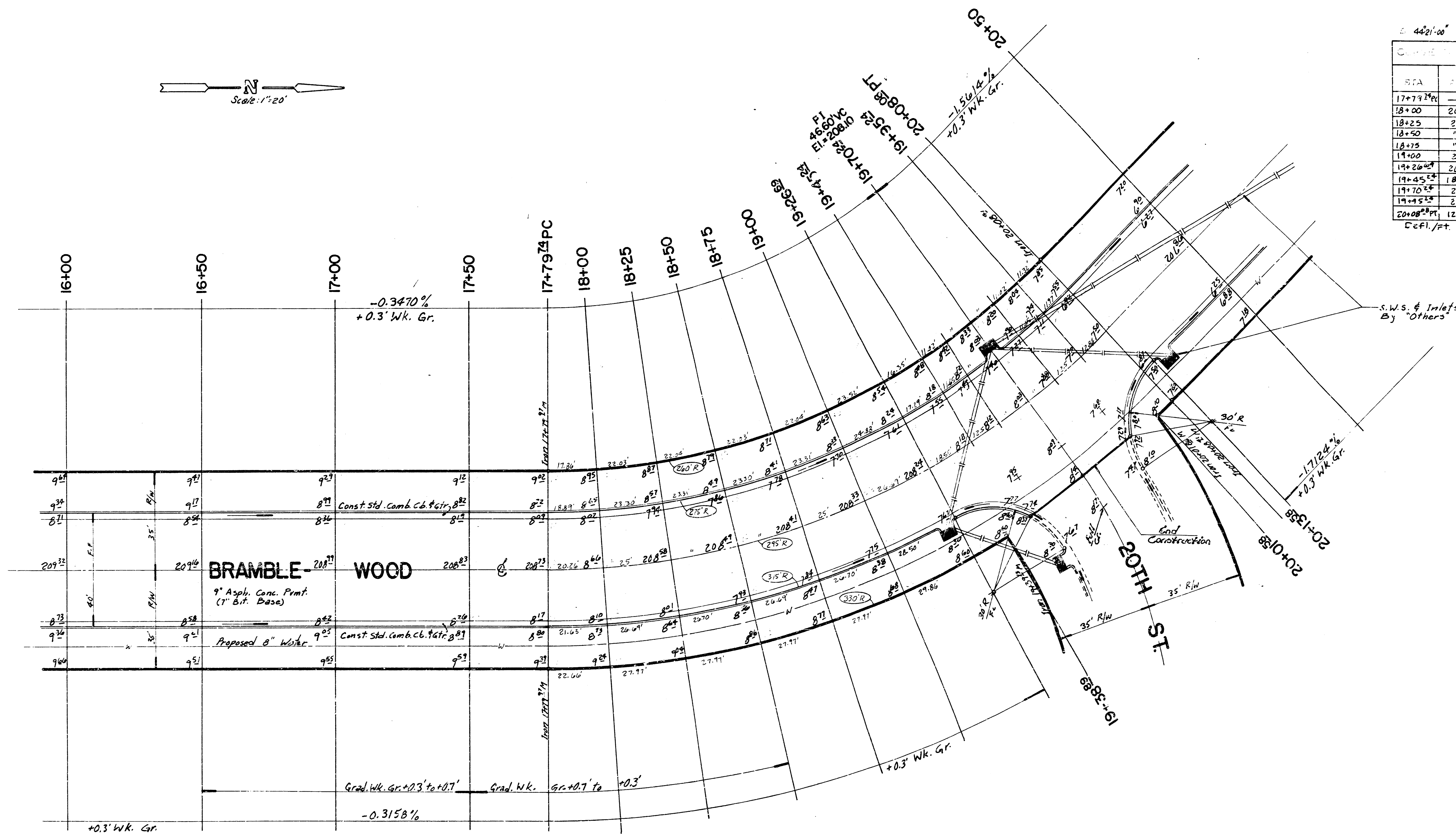
EARTHWORK

	PROP	CITY	
	EXCAVATION	EXCAVATION	COMP. FILL
X-SECTION	4279.0 C.Y.	80.0 C.Y.	62.7 C.Y.
10%	427.9 C.Y.	8.0 C.Y.	6.3 C.Y.
TOTALS	4706.9 C.Y.	88.0 C.Y.	69.0 C.Y.

Note:

Pavement Contractor to co-ordinate constr. w/ Storm Sewer Contractor.
 Trees to be taken & any "trunks" moved or destroyed during construction
 shall be replaced.

BRAMBLEWOOD
 S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN.
 TO S. L. 2ND ST.
 472 76 245 80578 000 000 001

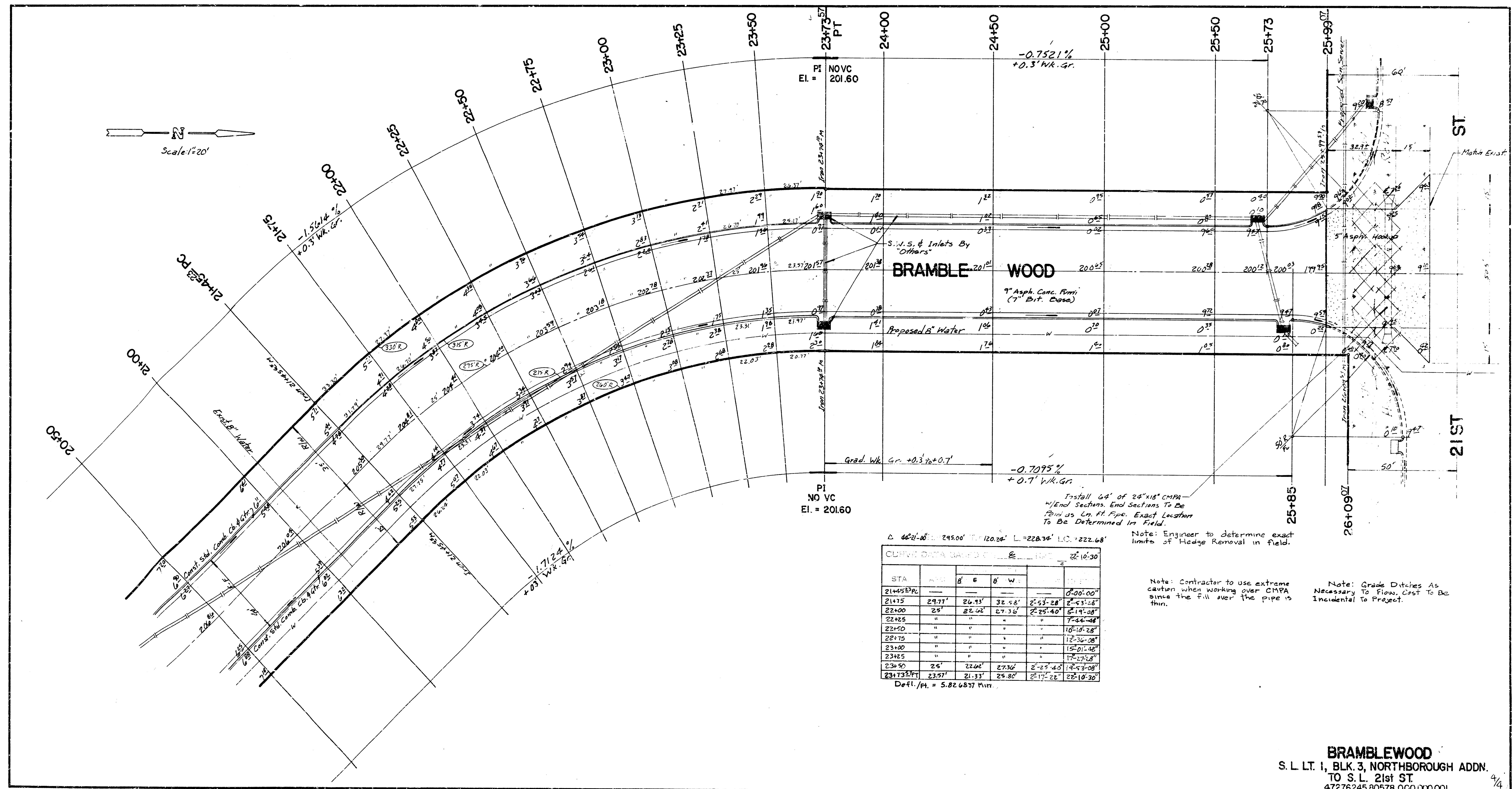


STA	W	E	W	E	W	E
17+79.14						
18+00	20.32	18.33	22.18	17.58	17.58	17.58
18+25	25	22.62	27.36	22.55	22.55	22.55
18+50	"	"	"	"	"	"
18+75	"	"	"	"	"	"
19+00	25	22.62	27.36	22.55	22.55	22.55
19+25	26.47	24.15	27.21	22.35	22.35	22.35
19+50	18.55	16.19	20.31	17.48	17.48	17.48
19+75	25	22.62	27.36	22.55	22.55	22.55
20+00	25	22.62	27.36	22.55	22.55	22.55
20+25	12.84	11.62	14.06	11.45	11.45	11.45
20+50						

Defl./ft = 5.826837 Min.

BRAMBLEWOOD
 S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN.
 TO S. L. 21st ST.
 472 76 245 80578 000 000 001

Scale: 1"=20'



CURVE DATA SUMMARY

STA	PC	PT	PI	NO VC	EL
21+45.32	21+75	22+25	22+75	23+73.57	201.60
22+00	22+25	22+50	23+00	23+25	201.60
22+25	22+50	22+75	23+00	23+25	201.60
22+50	22+75	23+00	23+25	23+50	201.60
22+75	23+00	23+25	23+50	24+00	201.60
23+00	23+25	23+50	24+00	24+50	201.60
23+25	23+50	24+00	24+50	25+00	201.60
23+50	24+00	24+50	25+00	25+50	201.60
24+00	24+50	25+00	25+50	26+00	201.60
24+50	25+00	25+50	26+00	26+09.07	201.60

Defl./ft. = 5.826837 Min.

Note: Contractor to use extreme caution when working over CMPA since the fill over the pipe is thin.

Note: Engineer to determine exact limits of Hedge Removal in field.

Note: Grade Ditches As Necessary To Flow, Cost To Be Incidental To Project.

BRAMBLEWOOD
 S. L. LT. 1, BLK. 3, NORTHBOROUGH ADDN.
 TO S. L. 21st ST.
 47276245 80578 000 000 001