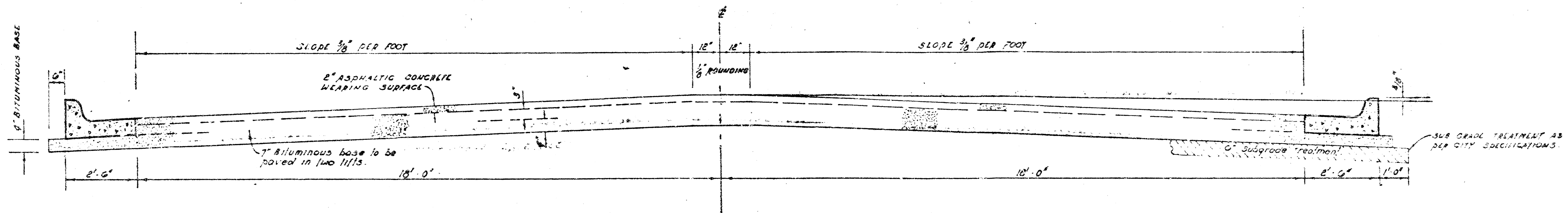


**BRAMBLEWOOD**  
 S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN. TO  
 S. L. 21<sup>ST</sup> ST.



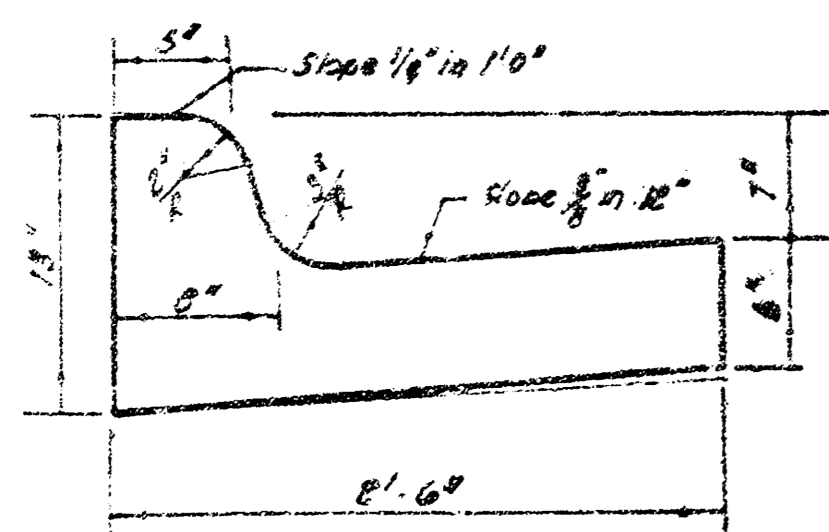
**TYPICAL SECTION**

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

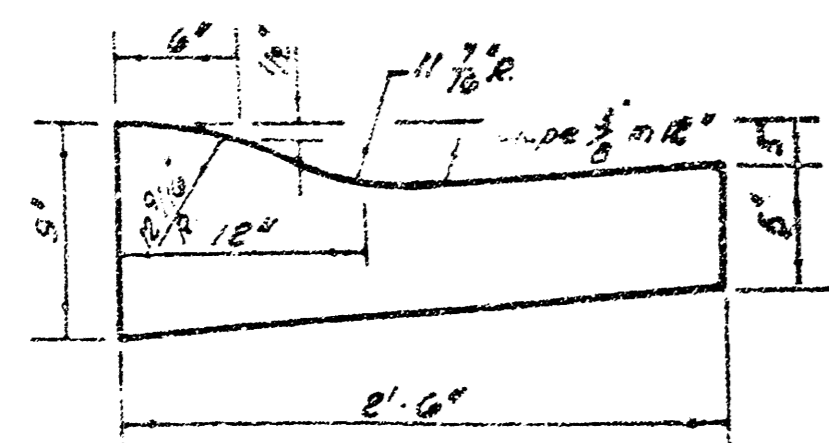
**4' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE**

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.

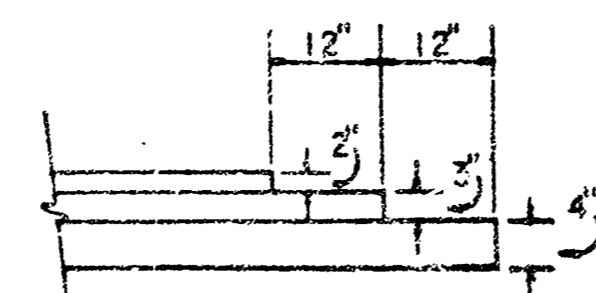
**COMBINED CURB & GUTTER**



**ROLL TYPE CURB & GUTTER**



**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.



**CITY OF WICHITA, KANSAS**

DEPARTMENT of PUBLIC WORKS - Engineering Division.

DEAN S. SELLERS ACTING CITY ENGINEER

DATE \_\_\_\_\_ PROJ. NO. 4276 245 8057 8 000 000 001

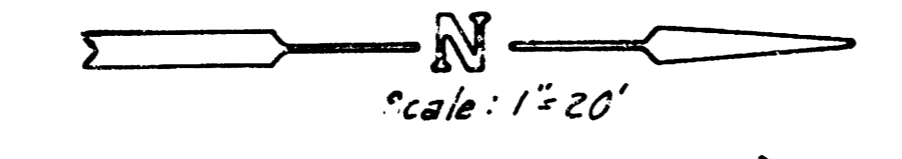
BM = 220.41 ~ RR Spike SE. Co. PP At NW Cor. Woodlawn  
 & Rockhill Rd.  
 BM = 207.35 ~ RR Spike W. Side Hedge Tree Approx. 300' E &  
 240' N of NE Cor. Bramblewood & Rockhill Rd.

45.19% 345.76' 14.433' 273.45' 266.38'

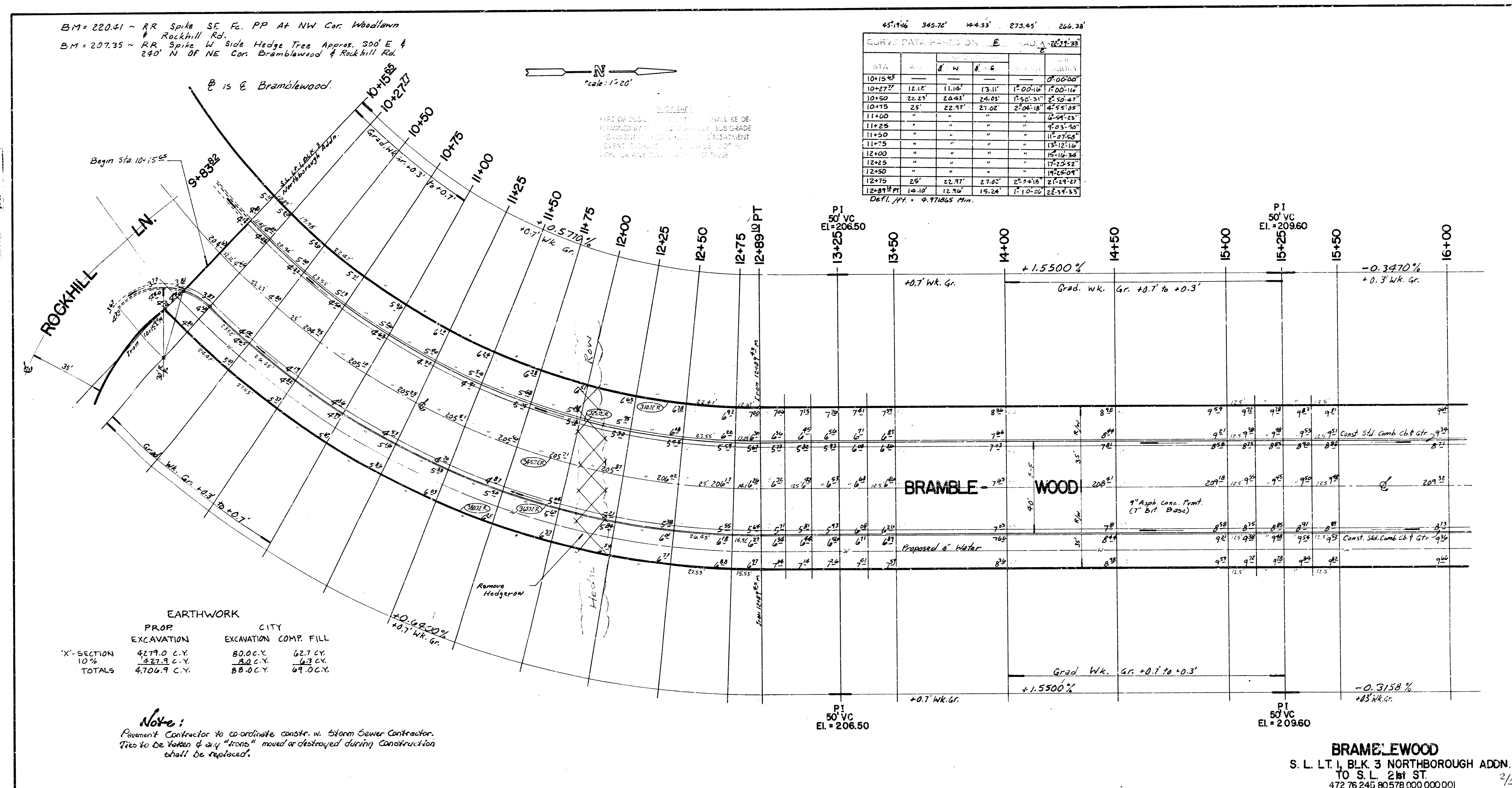
CURVE DATA BASED ON  $E = 2211.93$

STA	ANG	Δ H	Δ G	Δ L	Δ S
10+15.00					0.0000'
10+27.50	12.12'	11.14'	13.11'	15.00' 16'	15.00' 16'
10+50	22.25'	20.43'	24.03'	15.00' 31'	25.50' 47'
10+75	25'	22.97'	27.02'	25.04' 18'	45.55' 05'
11+00	"	"	"	"	25.54' 23'
11+25	"	"	"	"	25.03' 10'
11+50	"	"	"	"	15.07' 53'
11+75	"	"	"	"	15.12' 16'
12+00	"	"	"	"	15.16' 34'
12+25	"	"	"	"	17.25' 52'
12+50	"	"	"	"	19.25' 09'
12+75	25'	22.97'	27.02'	25.04' 18'	25.24' 27'
12+87.50 PT	14.10'	12.96'	15.24'	15.00' 00'	25.34' 33'

Defl. Pt. = 4.971665 Min.



TYPE OF CURVE TO BE USED SHALL BE DETERMINED BY THE ENGINEER. SUBGRADE PREPARED BY THE CONTRACTOR. TREATMENT OF EARTHWORK SHALL BE AS SHOWN ON WORK OR AS NOTED OTHERWISE.

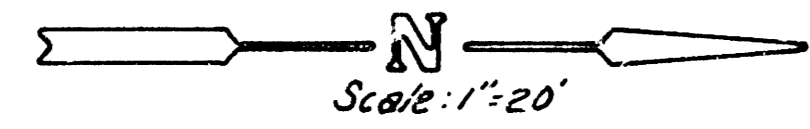


EARTHWORK

	PROP EXCAVATION	CITY 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.

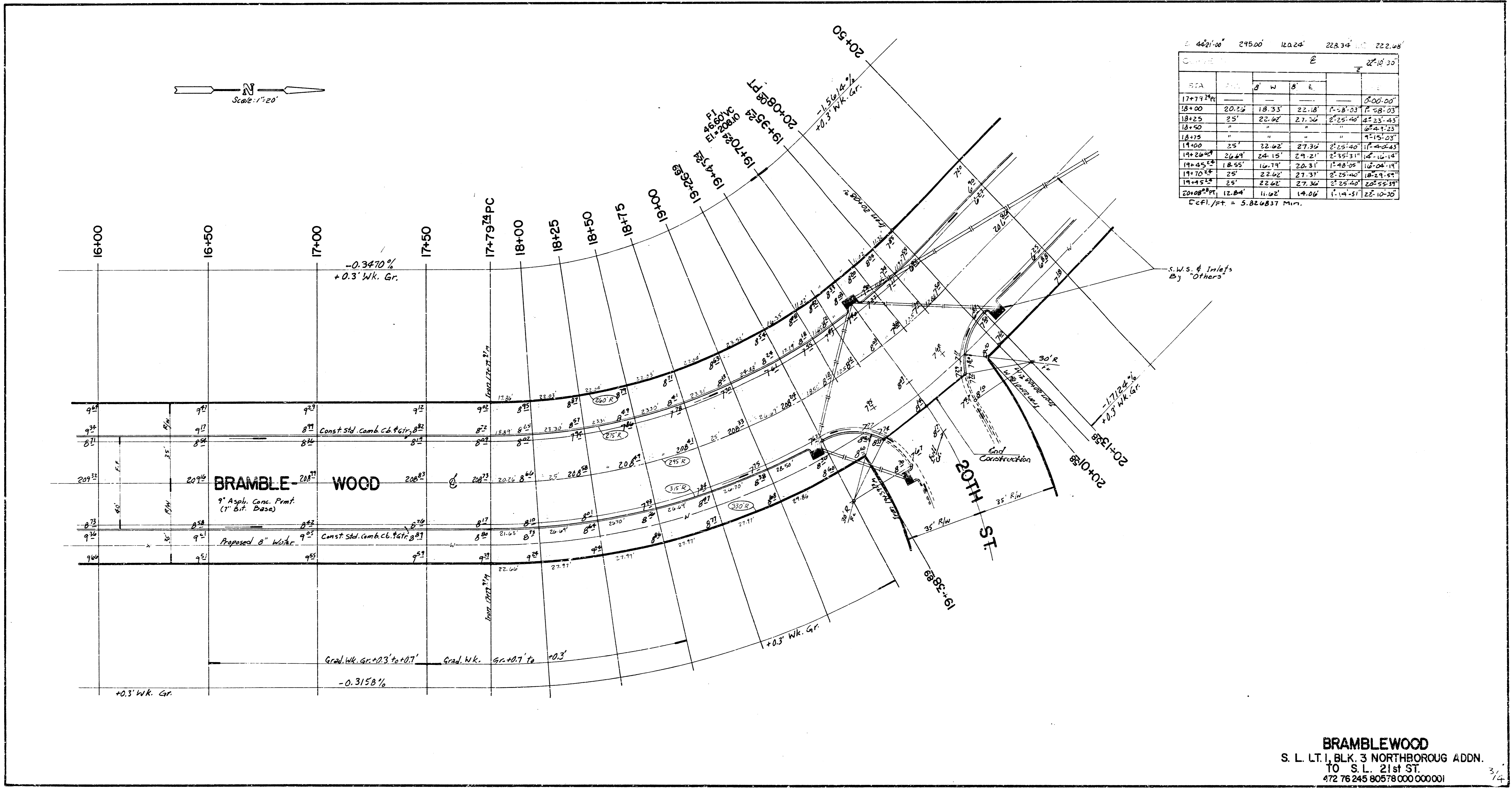
Note:  
 Pavement Contractor to coordinate constr. w. Storm Sewer Contractor.  
 Trees to be taken & any "trunks" moved or destroyed during construction shall be replaced.

BRAMBLEWOOD  
 S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN.  
 TO S. L. ST.  
 472 76 245 80578 000 000.001

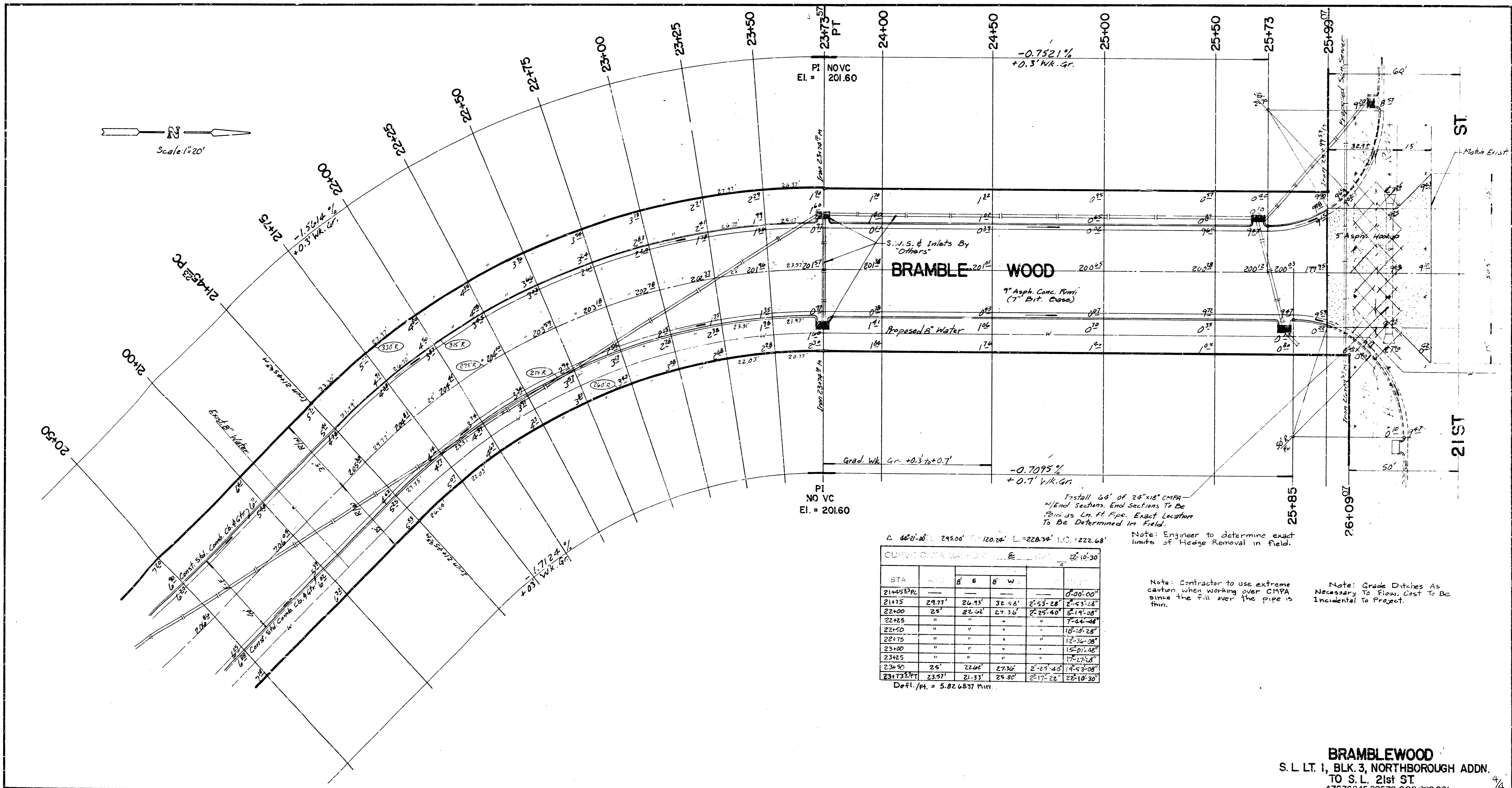
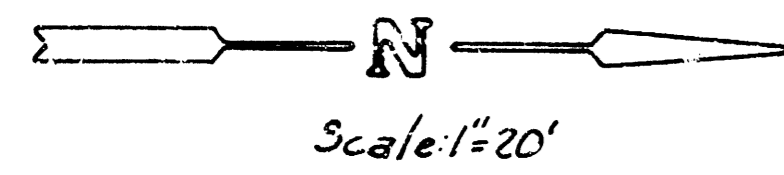


STA	W	E	...
17+79.14			5'00.00'
18+00	20.32'	18.33'	1'-58.03'
18+25	25'	22.62'	2'-25.40'
18+50	"	"	2'-41.23'
18+75	"	"	2'-57.06'
19+00	25'	22.62'	2'-25.40'
19+25	26.64'	24.15'	2'-35.51'
19+50	18.55'	16.19'	1'-48.05'
19+75	25'	22.62'	2'-25.40'
20+00	25'	22.62'	2'-25.40'

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



$\Delta = 44^{\circ}21'45''$   $T_1 = 245.00'$   $T_2 = 120.24'$   $L = 228.34'$   $E.C. = 222.68'$   
 CURVED DATA TABLE  $E = 22^{\circ}10'30''$

STA	R	B' E	B' W	CHORD	ARC
21+45.87 PC					0+00'00"
21+75	29.77'	26.73'	32.58'	2'53".28"	2'43".28"
22+00	25'	22.62'	27.76'	2'25".40"	2'15".20"
22+25	"	"	"	"	2'04".48"
22+50	"	"	"	"	1'50".28"
22+75	"	"	"	"	1'36".28"
23+00	"	"	"	"	1'22".48"
23+25	"	"	"	"	1'08".28"
23+50	25'	22.62'	27.76'	2'25".40"	2'15".20"
23+73.87 PT	23.57'	21.33'	25.80'	2'17".22"	2'07".30"

Defl./Pt. = 5.826837 Min.

Install 64' of 24"x18" CMPA  
 w/ End Sections. End Sections To Be  
 Paved as Ln. Fl. Pipe. Exact Location  
 To Be Determined In Field.  
 Note: Engineer to determine exact  
 limits of Hedge Removal in field.

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