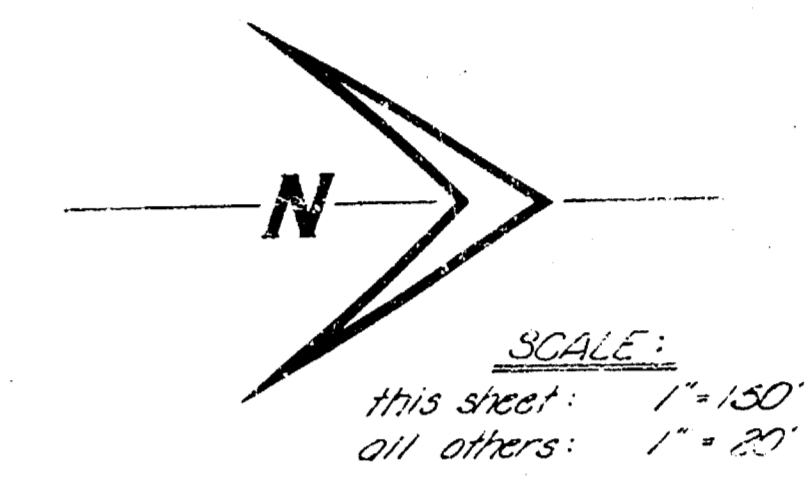


PLANS FOR
PAVEMENT AND SIDEWALK
 IN
GLENN VILLAGE
 IN CONNECTION WITH
 PROJ. NO. KANSAS R-10 GLENN VILLAGE
URBAN RENEWAL AGENCY
 OF THE
 WICHITA KANSAS METROPOLITAN AREA



See sheet 21 for typical sections.

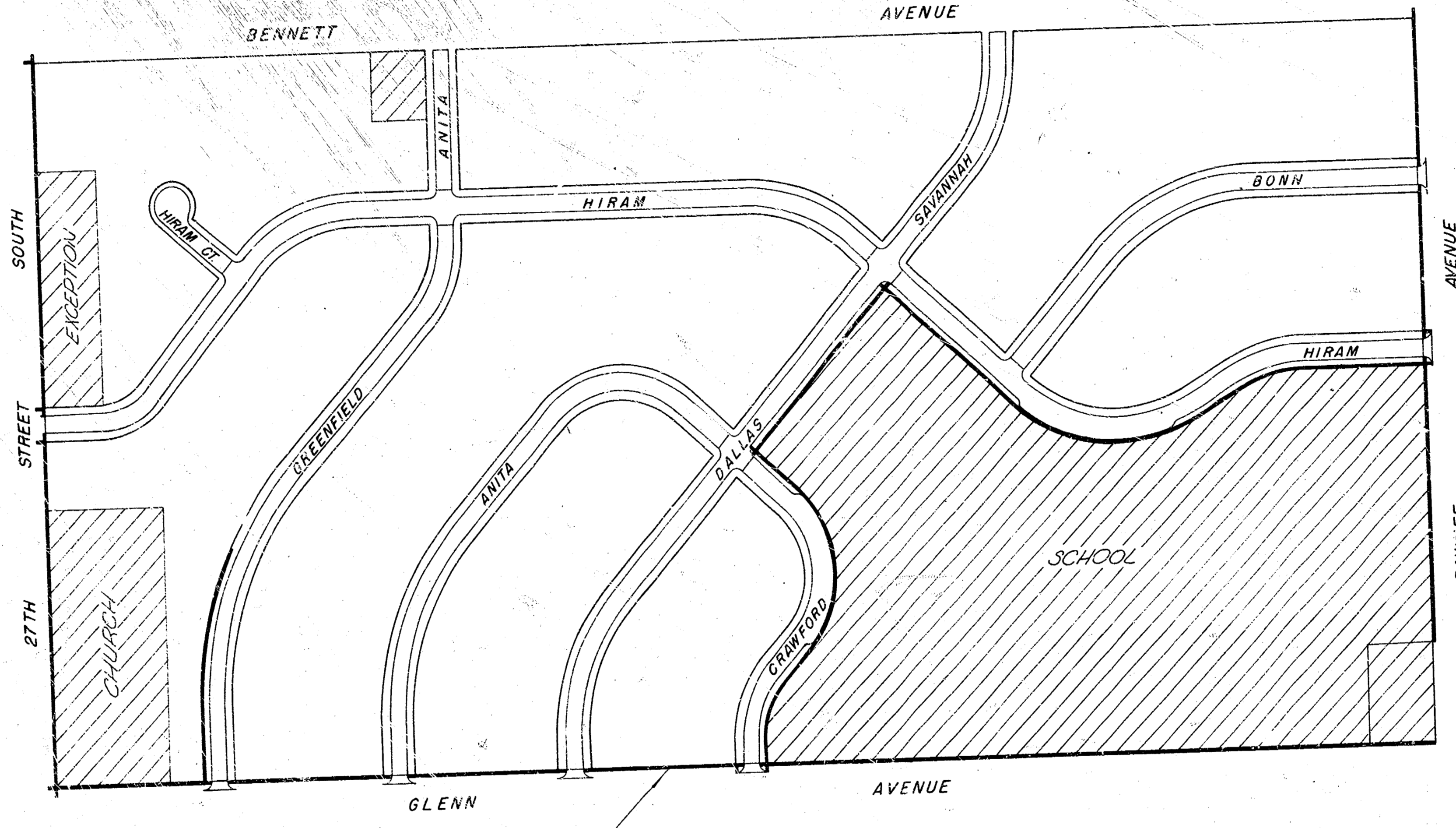
General Notes

The entire site shall be cleared excepting those areas as shaded on the location map. Bid price for clearing of site shall include removal of all trees (excepting those marked to remain), stumps, peeples, culverts, concrete slabs and foundations, rubbish, trash and etc. After clearing, the entire site shall be rough graded in preparation for residential development.

Const. 6" concrete sidewalk where shown on location map. The walk grade shall be 0.1% on Glenn, Dallas & Hiram; 0.3% on Crawford and Greenfield; 0.5% on Pawnee Avenue, and shall match existing drives on 27th St. So.

Only five driveways are authorized on this project. Four drives will be const. on Hiram leading to Woodman Elementary School. One 16' drive will be const. on Greenfield to service the church parking lot.

The lump sum bid of "clearing site" includes the removal of surface trash & rubbish. Below surface deposits of trash & rubbish are to be removed by others.

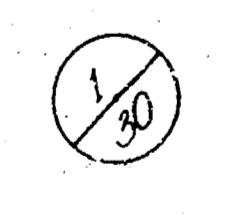


STREET	PAGE
COVER SHEET	1
HIRAM AVENUE	2-5
HIRAM AVENUE	6-9
SAVANNAH - DALLAS	10-13
CRAWFORD AVE.	14
BONN AVENUE	15-17
ANITA AVENUE	18-20
ANITA AVENUE	21-22
GREENFIELD AVE.	23-25
HIRAM COURT	26
PAWNEE COURT	27
BENNETT AVE.	28
PAWNEE AVENUE	29
GLENN AVENUE	30

Survey by J. Glantz
 Book # 10, 15, 16, 17
 Drawn by J. Jones

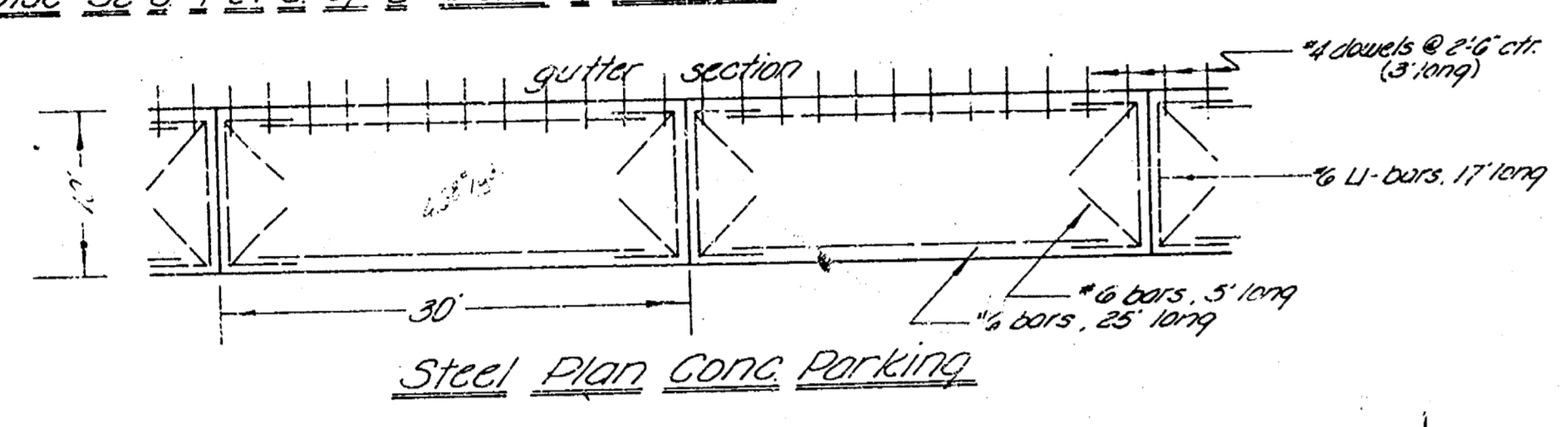


B.E. SMITH
 CITY ENGINEER



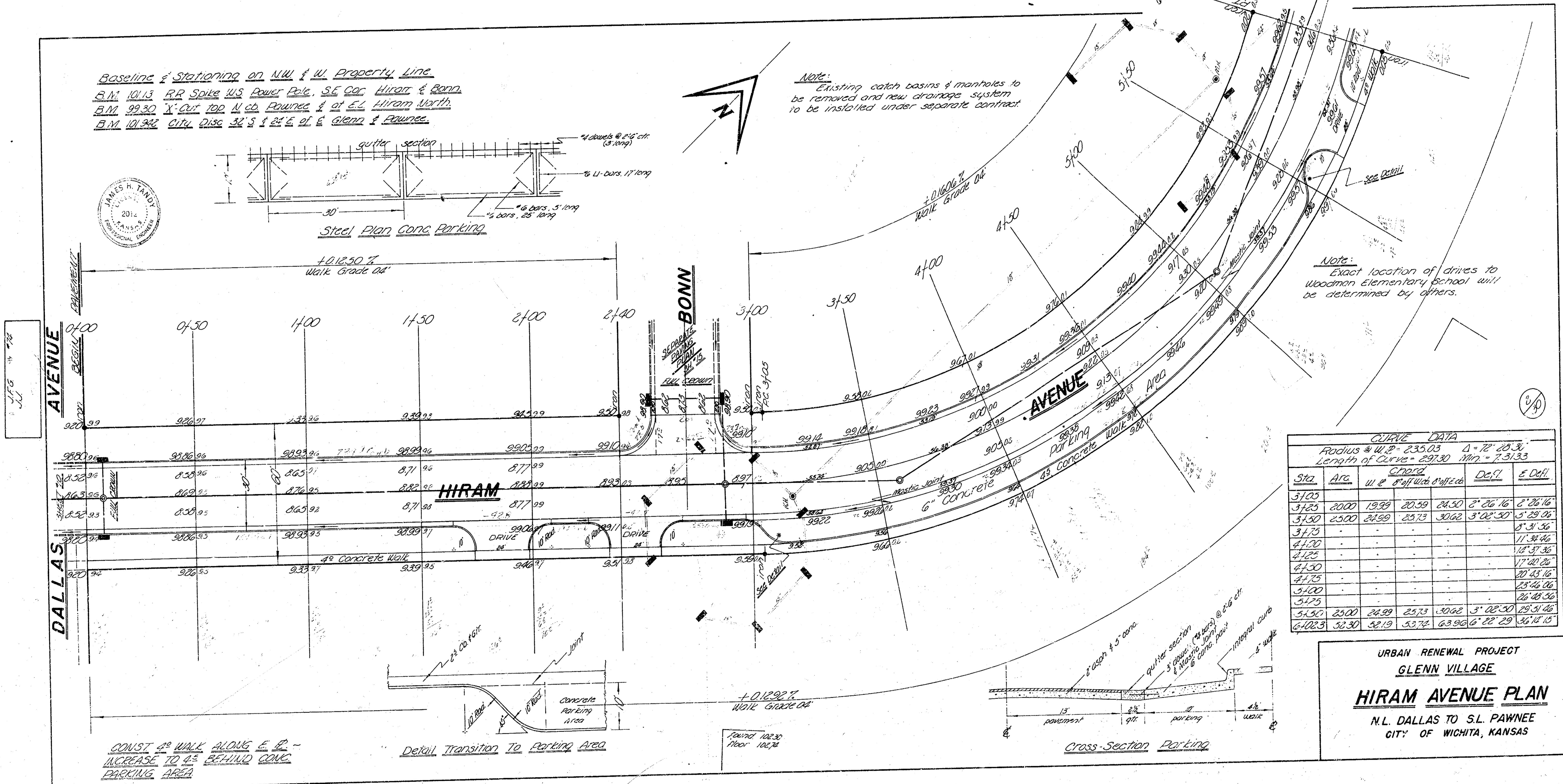
Wide lines indicate concrete sidewalk to be constructed.

Baseline & Stationing on NW & W Property Line
 S.M. 10113 RR Spike WS Power Pole, S.C. Cor. Hiram & Bonn
 B.M. 9930 X-Cor. 100 W. of Pawnee & at E.L. Hiram North
 B.M. 10132 City Disc 34' S & 21' E of E. Glenn & Pawnee



Note: Existing catch basins & manholes to be removed and new drainage system to be installed under separate contract

Note: Exact location of drives to Woodman Elementary School will be determined by others.



CURVE DATA
 Radius = 41.8' = 235.03
 Length of Curve = 297.30
 MID = 7-31.33

Sta	ARC	Chord	Off	Dist	Dist
3125	2000	1979	20.59	24.50	8' 26.16"
3125	2500	2459	25.73	30.62	5' 29.06"
3125					5' 31.36"
4125					11' 34.46"
4125					17' 40.26"
4125					20' 43.16"
4125					23' 46.06"
4125					26' 48.56"
5125	2500	2459	25.73	30.62	5' 29.06"
5125	3000	2939	30.87	36.74	8' 26.16"

URBAN RENEWAL PROJECT
 GLENN VILLAGE
HIRAM AVENUE PLAN
 N.L. DALLAS TO S.L. PAWNEE
 CITY OF WICHITA, KANSAS

CONST. 4" WALK ALONG E. P. - INCREASE TO 4" BEHIND CONC. PARKING AREA

Detail Transition To Parking Area

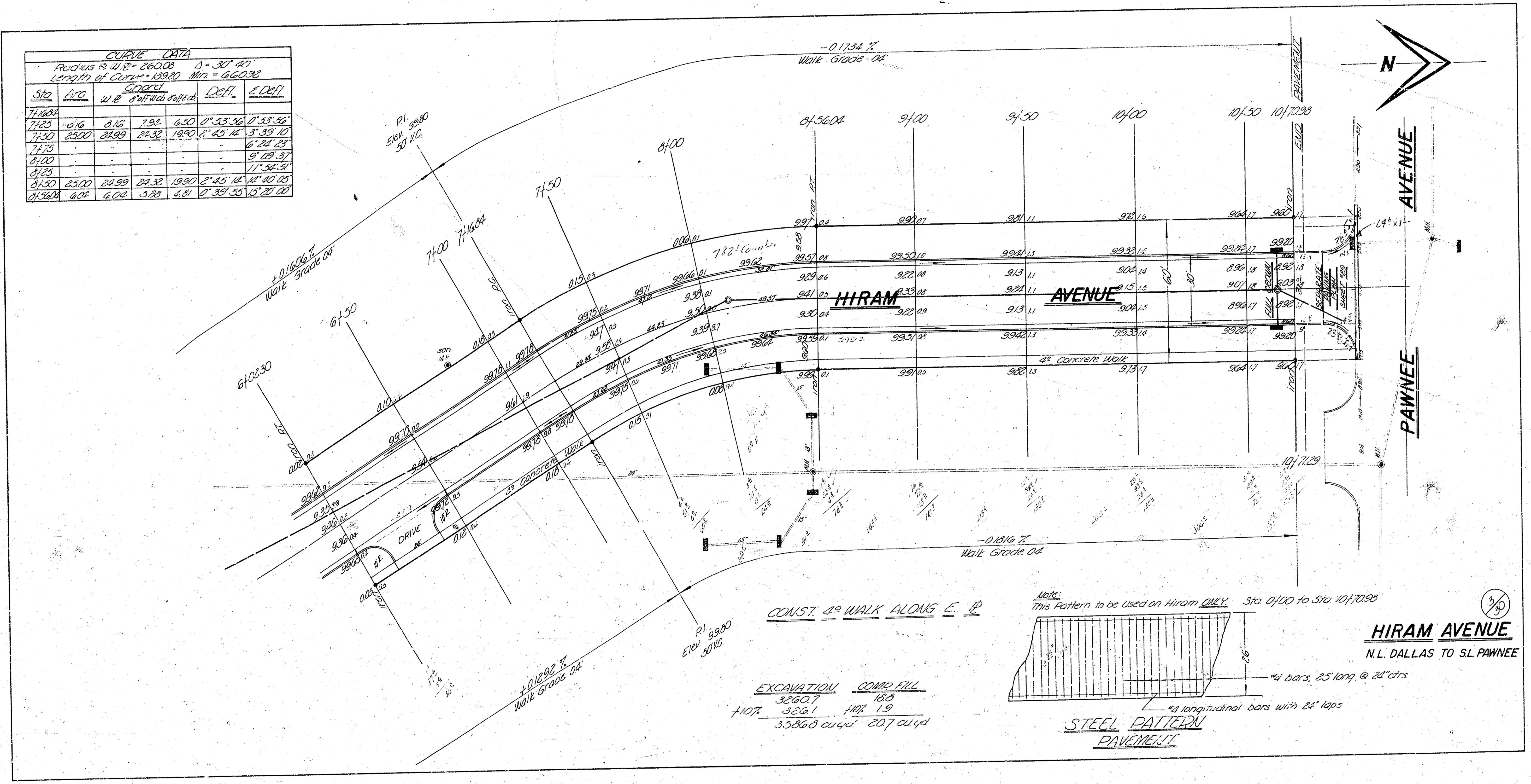
Found 10230 Near 10232

Cross-Section Parking

CURVE DATA

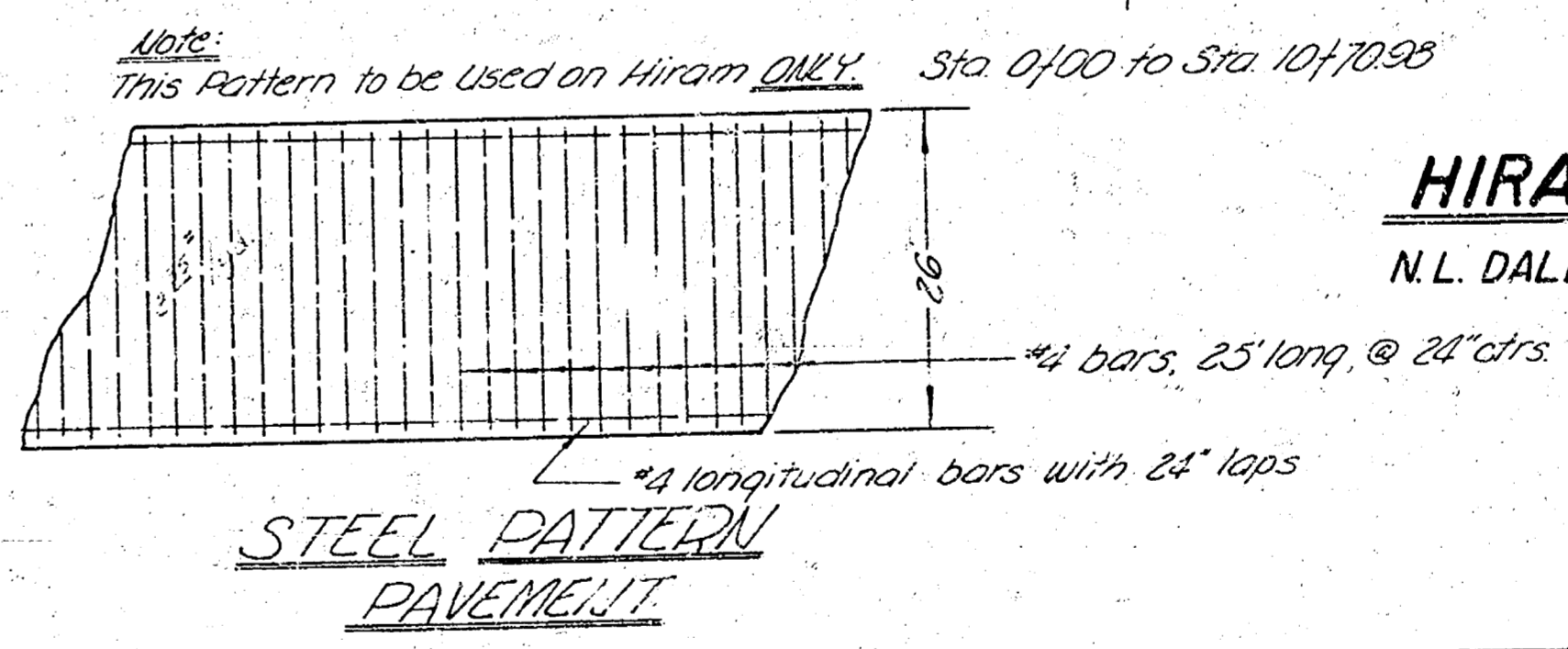
Radius = 418' 260.00' Δ = 30° 40'
 Length of Curve = 139.20' M₁₂ = 660.32'

Sta	P.C.	Chord		Defl.	E. Defl.
		W.E.	S. of W.E.		
7160.4					
7165	816	816	7.94	6.50	0° 53' 56"
7170	2200	2200	24.32	19.90	2° 45' 14"
7175					3° 39' 10"
7180					4° 28' 29"
7185					5° 12' 57"
7190	2500	24.99	24.32	19.90	2° 45' 14"
7195					1° 40' 25"
7200	604	604	5.89	4.81	0° 39' 55"
					15° 20' 00"

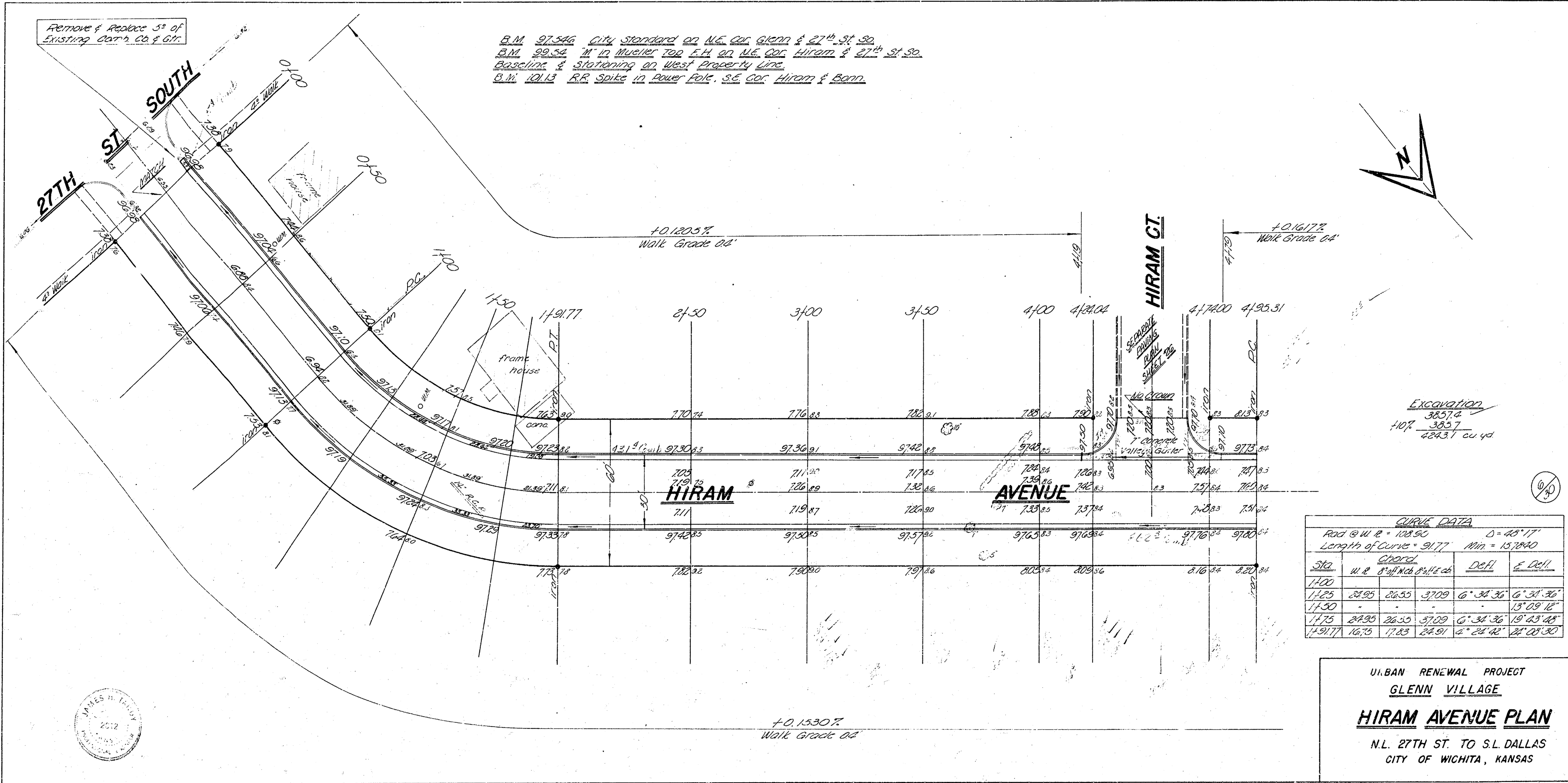


CONST. 4" WALK ALONGS E. P.

EXCAVATION	COMP. FILL
3260.7	18.8
7107	326.1
	1407.19
	3586.8 cu yd
	20.7 cu yd

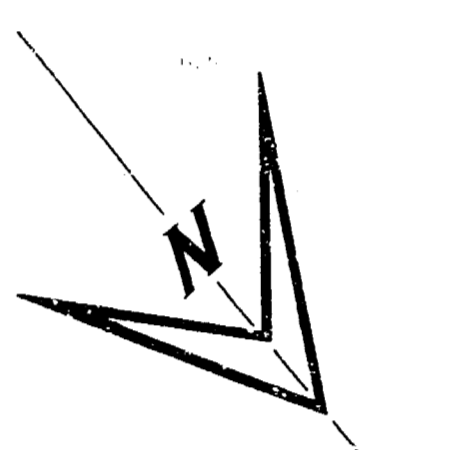


HIRAM AVENUE
 N.L. DALLAS TO S.L. PAWNEE



Remove & Replace 3' of Existing C&G & G.C.

B.M. 97.546 City Standard on NE Cor. Glenn & 27th St. So.
 B.M. 98.54 on 12' Musher Tap on NE Cor. Hiram & 27th St. So.
 Baseline & Stationing on West Property Line.
 B.M. 101.12 RR Spike in Lower File, S.E. Cor. Hiram & Penn.

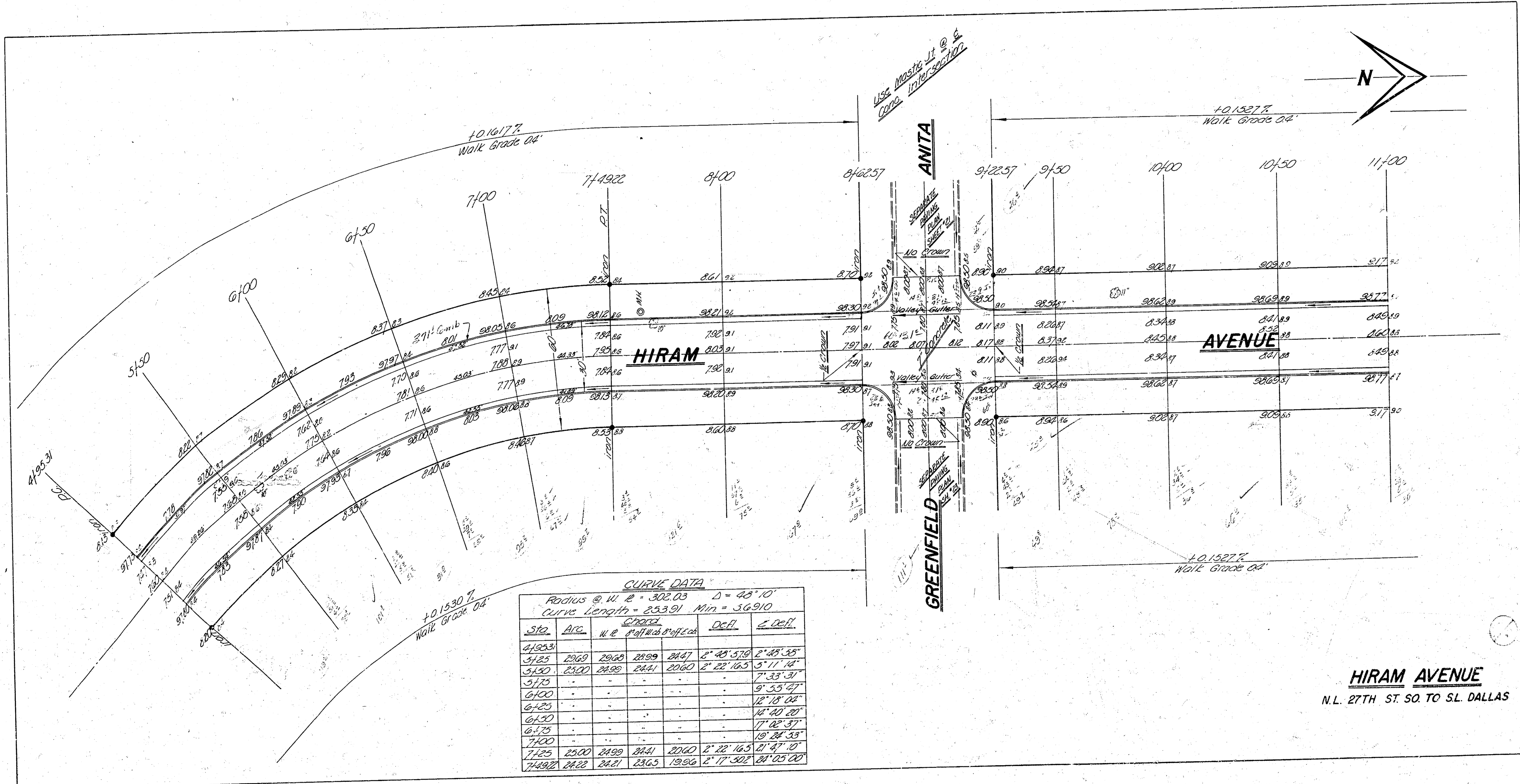


Excavation
 3857.4
 110% = 3857
 2893.7 cu yd

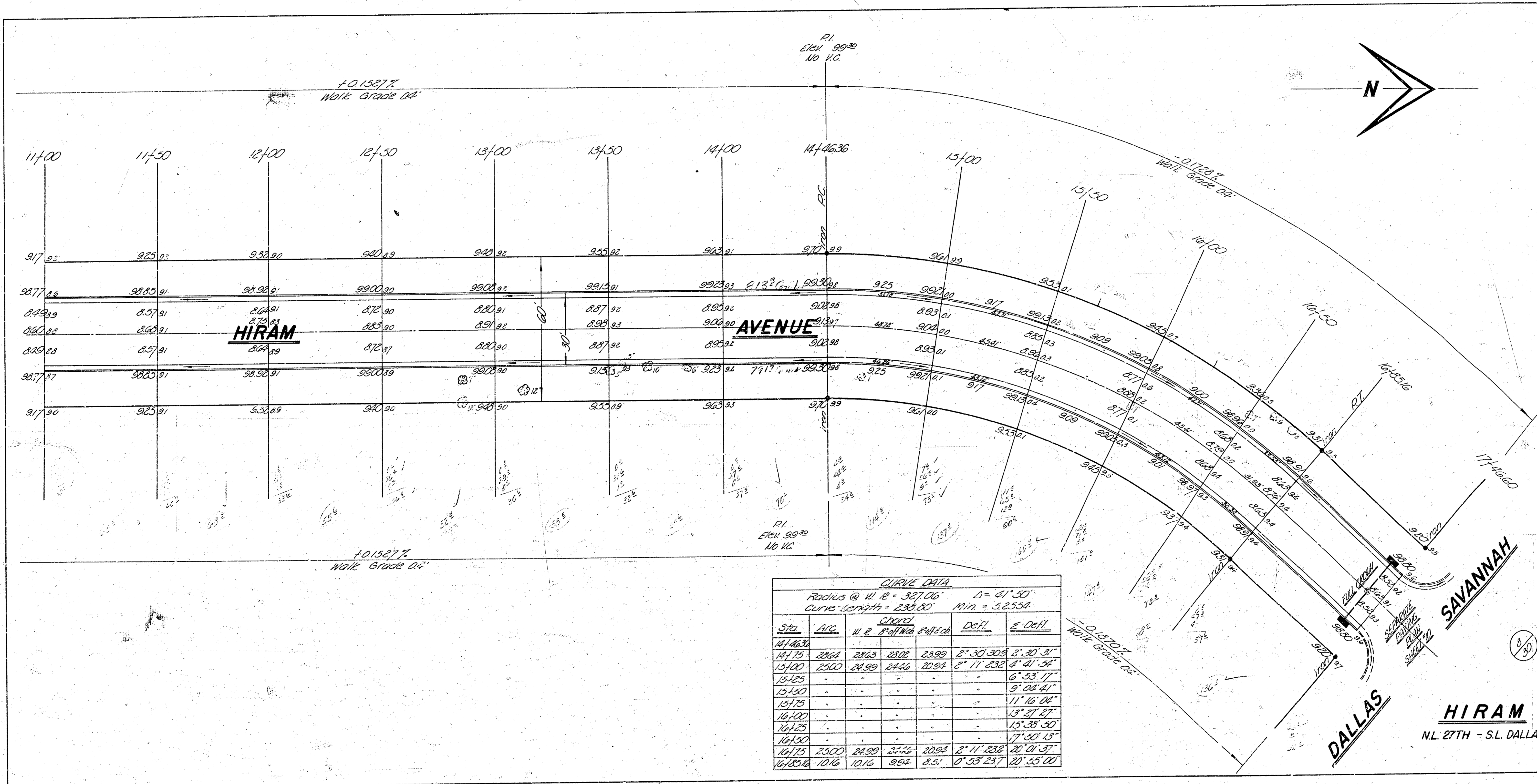
CURVE DATA				
Rad @ W.R.	108.90	D	45° 17'	
Length of Curve	91.77	Min	15.2840	
Sta	Chord	Dist	E. Dist.	
11.00	W & 8" 1/2" Ch. 8" 1/2" Ch.			
11.25	24.95	26.55	3.709	6° 34' 36"
11.50				13° 09' 12"
11.75	24.95	26.55	3.709	6° 34' 36"
11.91.77	16.75	17.83	24.91	6° 24' 42"

URBAN RENEWAL PROJECT
 GLENN VILLAGE
HIRAM AVENUE PLAN
 N.L. 27TH ST. TO S.L. DALLAS
 CITY OF WICHITA, KANSAS



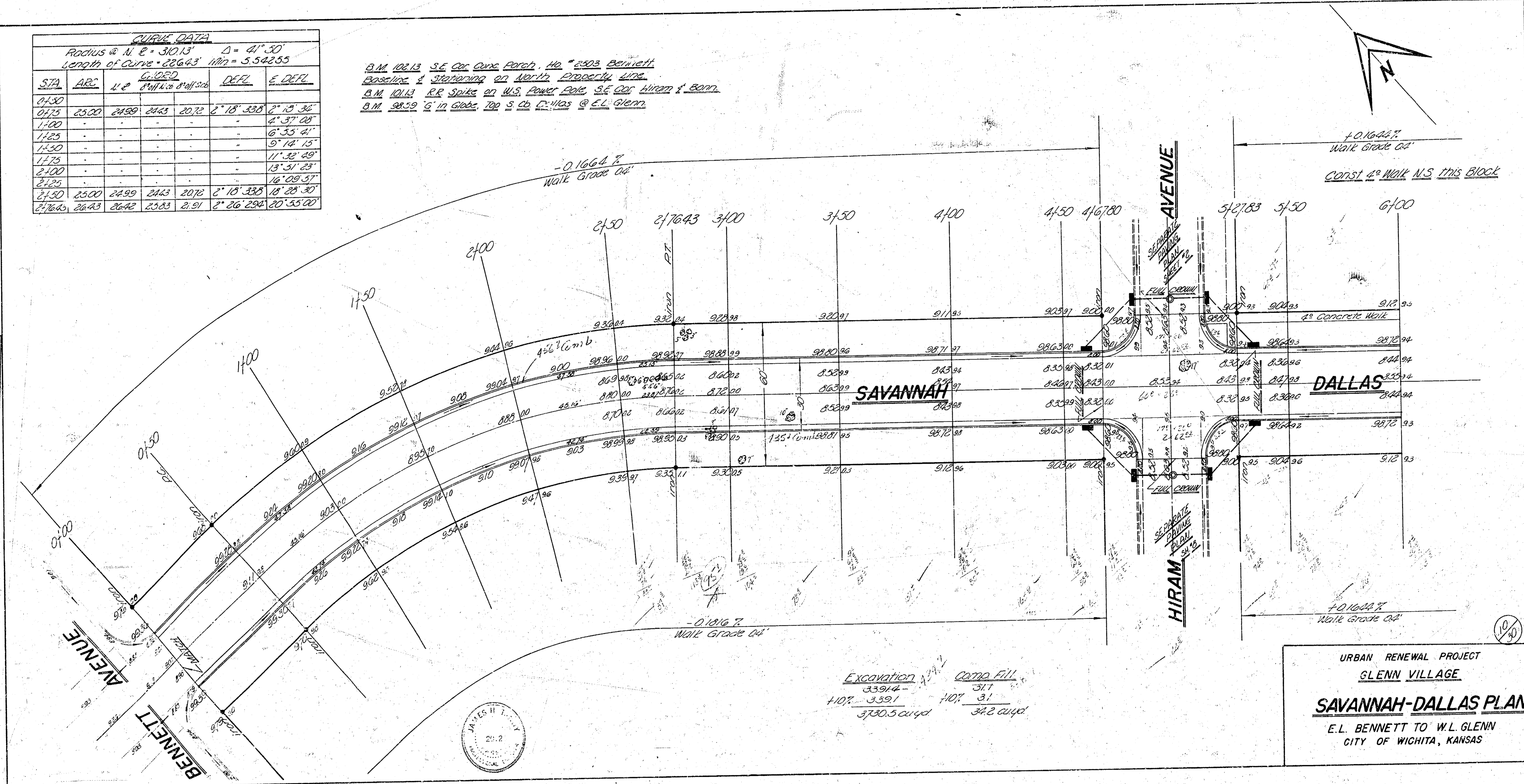


HIRAM AVENUE
N.L. 27TH ST. SO. TO S.L. DALLAS



CURVE DATA						
Radius @ M. E. = 310.13'		D = 41° 30'				
Length of Curve = 236.63' Lch = 5.54255						
STA	ARC	Ch. BEG	Ch. END	DEL.	E. DEL.	
0+30						
0+75	25.00	24.99	24.45	20.72	2° 18' 33.0"	2' 13' 36"
1+00						4' 37' 28"
1+25						6' 55' 41"
1+50						9' 14' 15"
1+75						11' 32' 49"
2+00						13' 51' 23"
2+25						16' 09' 57"
2+50	25.00	24.99	24.45	20.72	2° 18' 33.0"	18' 28' 30"
2+76.63	26.63	26.62	25.83	21.91	2° 26' 29.4"	20' 53' 00"

B.M. 10213 S.E. Cor. Curc. Parrot, Ho. # 2503 Bennett
 Position & Elevation on Merit Property Line.
 B.M. 10163 E.E. Spikes on W.S. Power Pole S.E. Cor. Hiram & Benn.
 B.M. 9839 'G' in Glass, Top S. of C. 111as @ E.L. Glenn



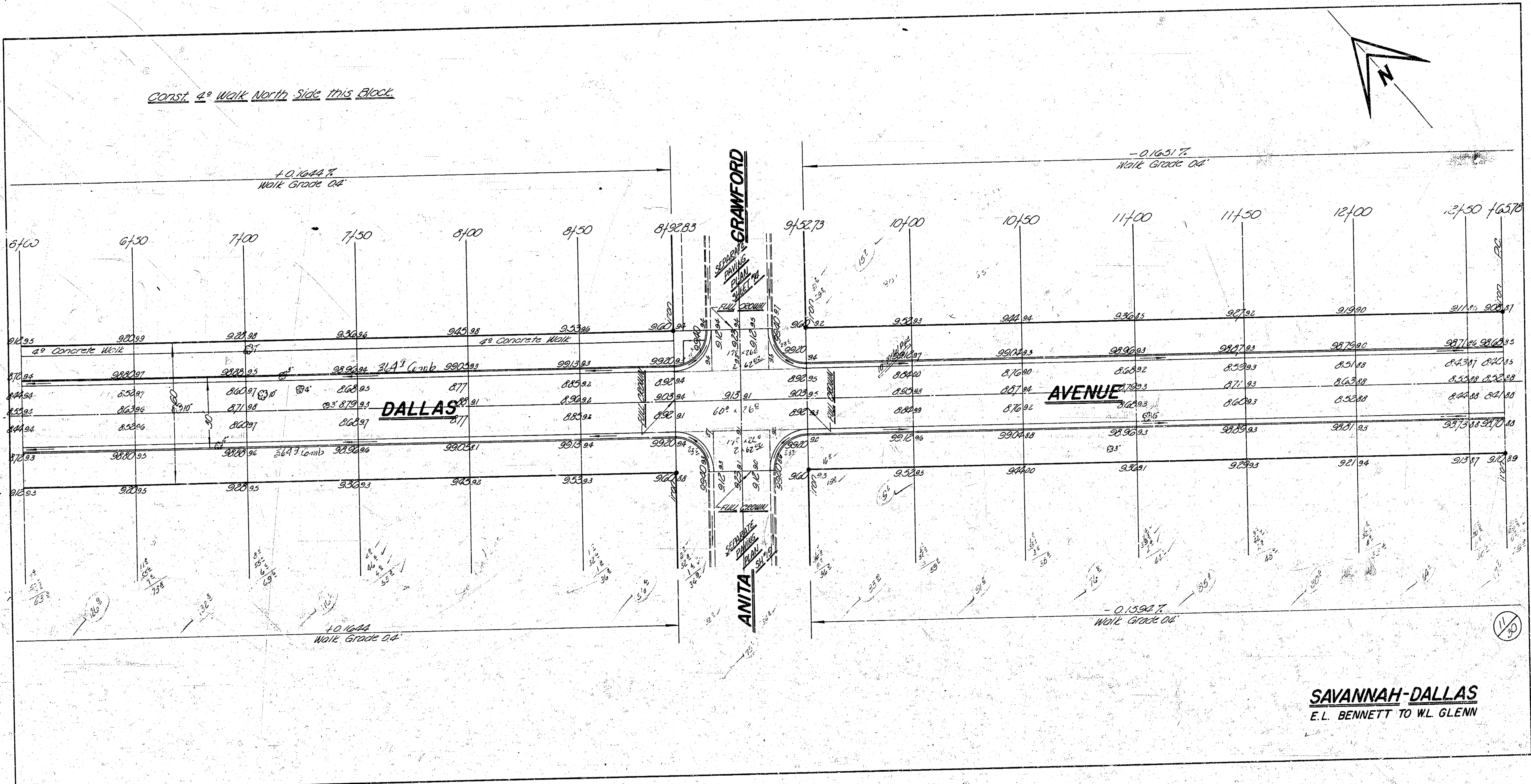
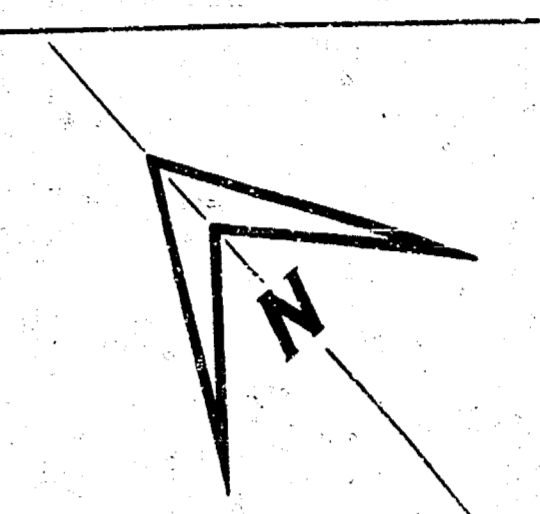
Excavation 33914-33917
 110% 33917
 3780.5 cu yd

Comp. Fill 311-317
 110% 311
 342 cu yd

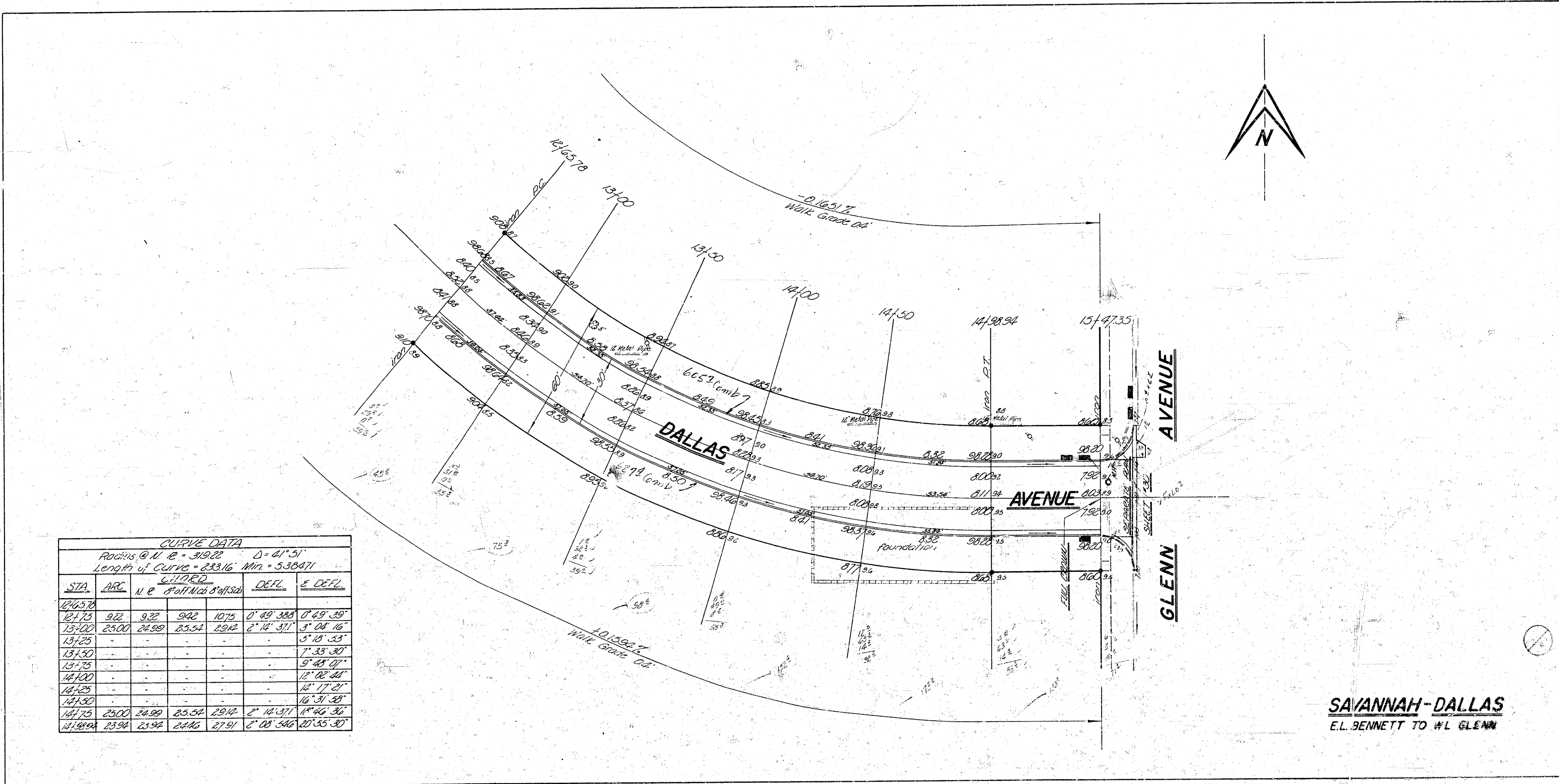
URBAN RENEWAL PROJECT
 GLENN VILLAGE
SAVANNAH-DALLAS PLAN
 E.L. BENNETT TO W.L. GLENN
 CITY OF WICHITA, KANSAS



Const. 4" Walk North Side This Block



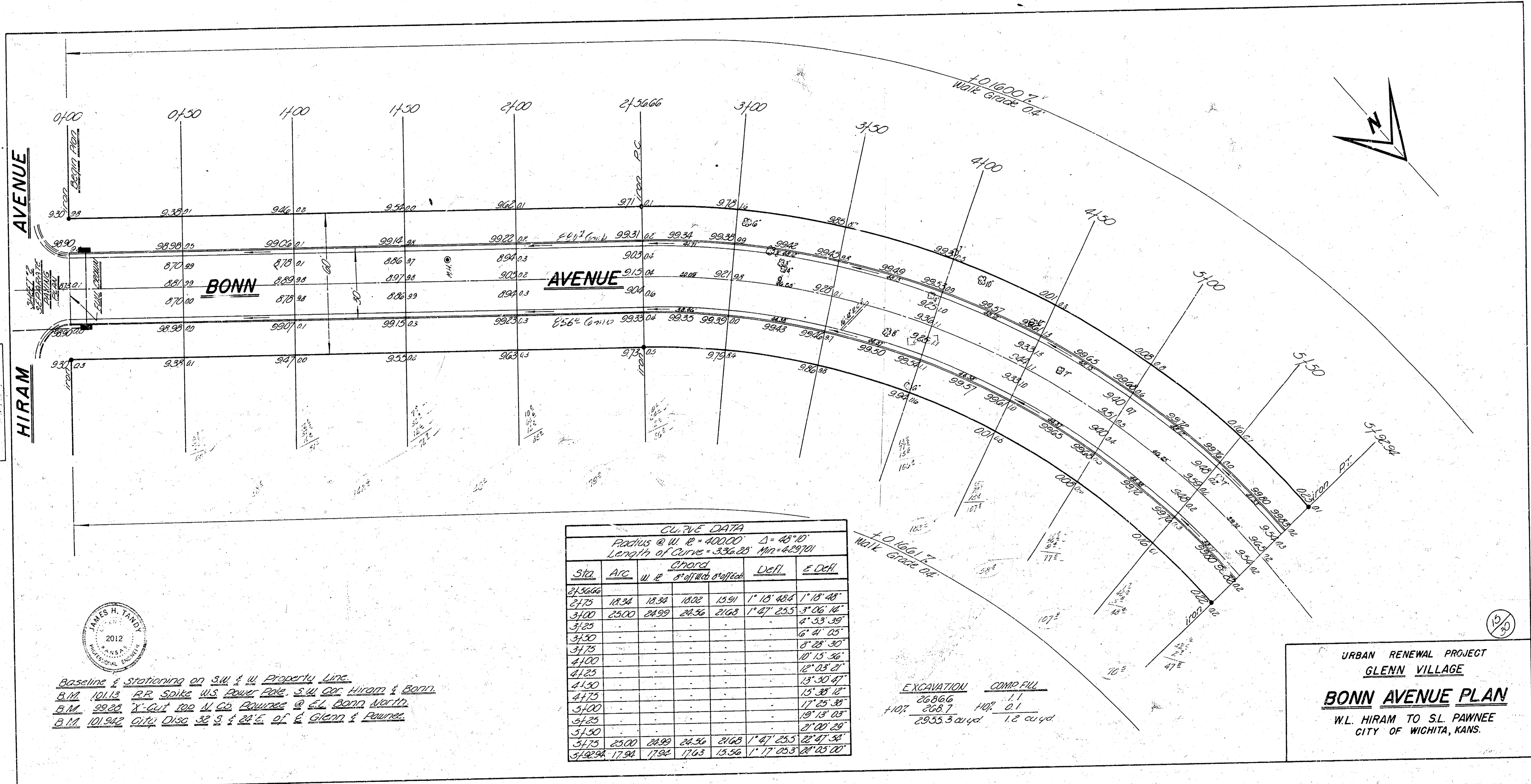
SAVANNAH-DALLAS
E.L. BENNETT TO WL GLENN



CURVE DATA
 Radius @ 11.43 = 519.22 $\Delta = 41^{\circ} 51'$
 Length of Curve = 233.16 $MIR = 5.30471$

STA	ARC	WIDENED		DETL	E DETL
		N e	S'uff'ed S'uff'ed		
12+57.8					
12+75	9.22	9.22	9.92	10.75	0' 49' 39"
13+00	23.00	24.99	23.54	23.42	3' 04' 16"
13+25					5' 19' 33"
13+50					7' 33' 30"
13+75					9' 48' 01"
14+00					12' 02' 41"
14+25					14' 17' 21"
14+50					16' 31' 59"
14+75	23.00	24.99	23.54	23.42	18' 46' 36"
15+00	23.94	23.94	24.65	27.91	21' 00' 30"


SAVANNAH-DALLAS
 E.L. BENNETT TO #1 GLENN



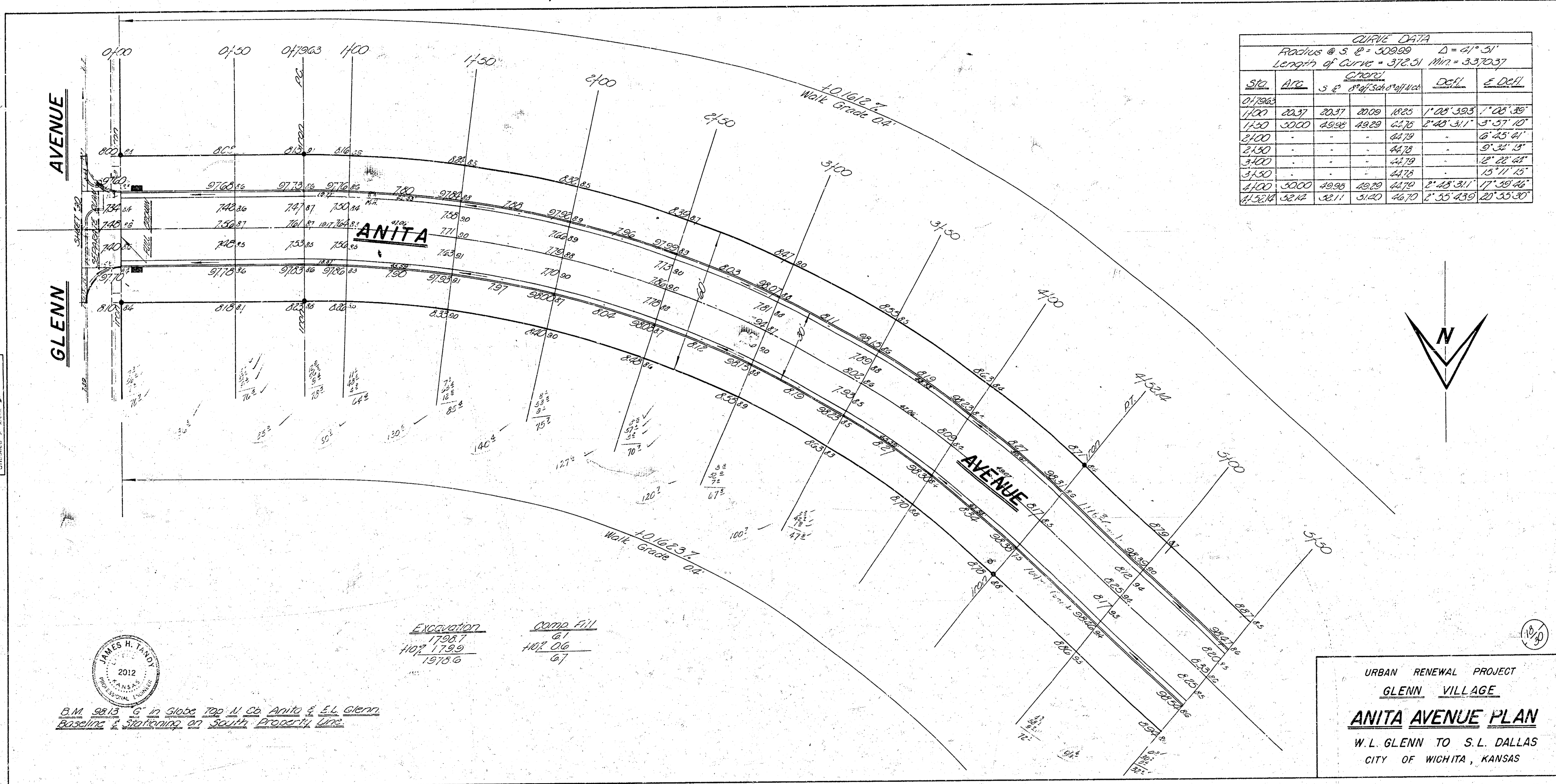
CURVE DATA
 Radius @ 41' R = 40000' Δ = 40° 10'
 Length of Curve = 336.25' Min. = 629.70'

Sta.	Avg. W. E.	Chord	Defl.	E. Defl.
		W. E.	at 100' offsets	
2+56.66				
2+75	18.34	18.34	18.02	15.91
3+00	23.00	24.99	24.36	21.63
3+25				
3+50				
3+75				
4+00				
4+25				
4+50				
4+75				
5+00				
5+25				
5+50				
5+75	25.00	24.99	24.36	21.63
5+92.94	17.94	17.94	17.63	15.36

EXCAVATION	COMP. FILL
2686.6	1.1
1407	268.7
	1407
	2935.3 cu yd
	1.2 cu yd


 Baseline & Stationing on S.W. & W. Property Lines.
 B.M. 10113 R.R. Spike W.S. Power Pole, S.W. Cor. Hiram & Bonn.
 B.M. 9920 X-Gut Top W. Co. Power Pole @ E.L. Bonn North.
 B.M. 101342 Curve Data 32 S & 24 E. of E. Glenn & Pawnee.

URBAN RENEWAL PROJECT
 GLENN VILLAGE
BONN AVENUE PLAN
 W.L. HIRAM TO S.L. PAWNEE
 CITY OF WICHITA, KANS.



CURVE DATA

Radius @ 5' = 500.00' Δ = 41° 51'

Length of Curve = 372.51' M1/2 = 333.037'

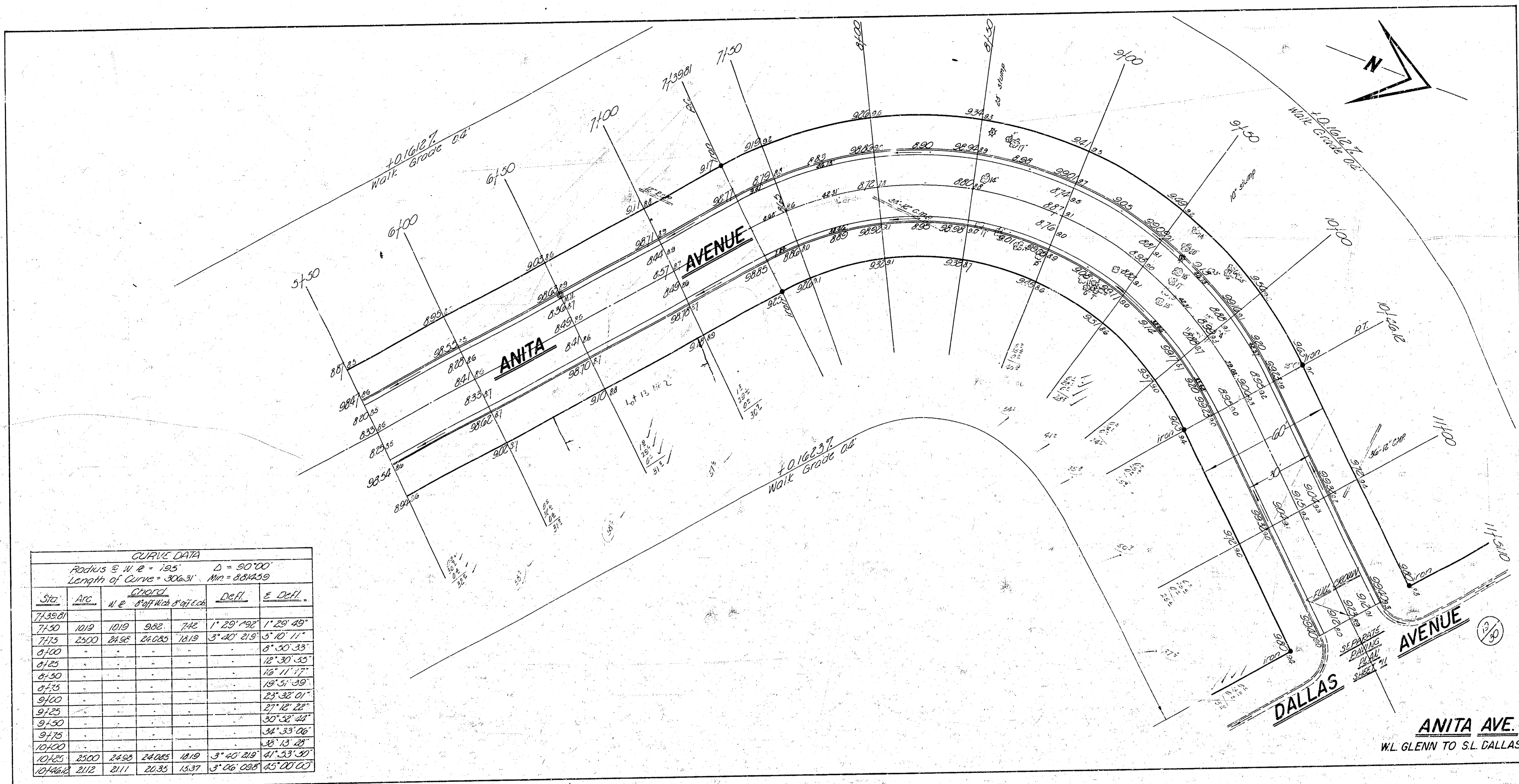
Sta	Arc	S of	E of	Chord	Defl.	E. Defl.
0+796.8	20.57	20.57	20.09	18.25	1° 20' 39.3"	1' 26' 36"
1+00	30.00	49.98	49.29	42.72	2° 48' 31.1"	3' 37' 40"
2+00	-	-	-	84.79	-	6' 25' 41"
3+00	-	-	-	124.78	-	9' 21' 15"
4+00	-	-	-	164.78	-	12' 22' 41"
5+00	30.00	49.98	49.29	42.72	2° 48' 31.1"	17' 59' 46"
6+337.8	32.72	32.71	31.20	46.70	2° 53' 43.9"	20' 33' 30"



B.M. 98.13 5' in slope Top of Ab Anita & E.L. Glenn
 Baseline & Marking on South Property Line

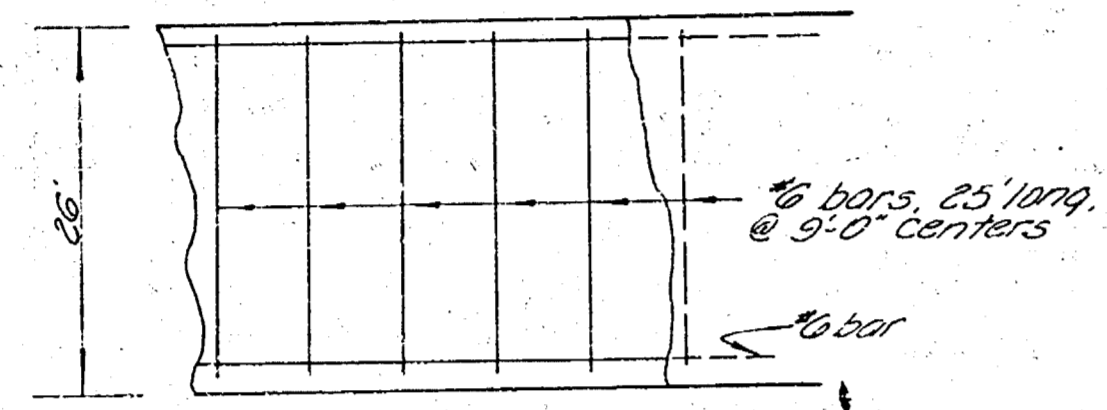
<u>Excavation</u>	<u>Comp. Fill</u>
1798.7	67
1407 1799.9	1407 0.0
1975.0	67

URBAN RENEWAL PROJECT
 GLENN VILLAGE
ANITA AVENUE PLAN
 W.L. GLENN TO S.L. DALLAS
 CITY OF WICHITA, KANSAS

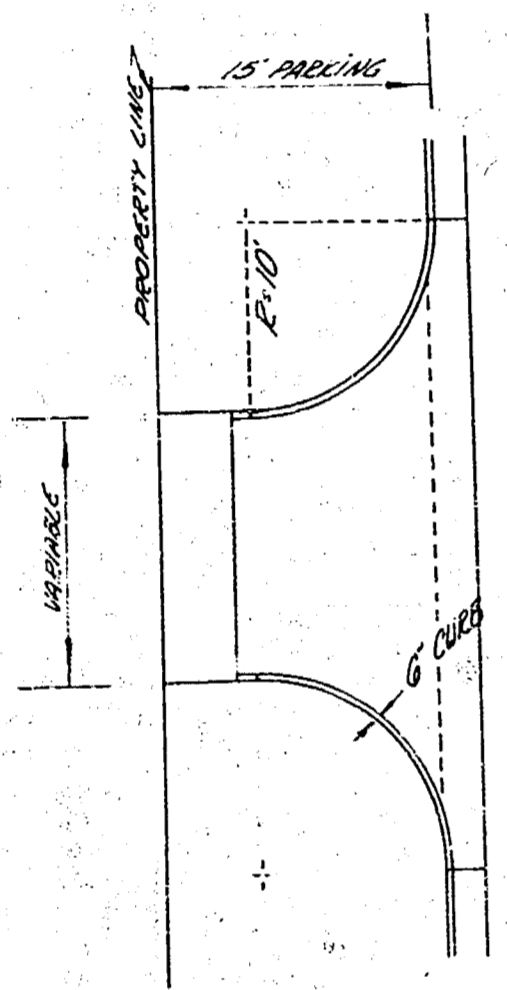


ANITA AVE.
 W.L. GLENN TO S.L. DALLAS

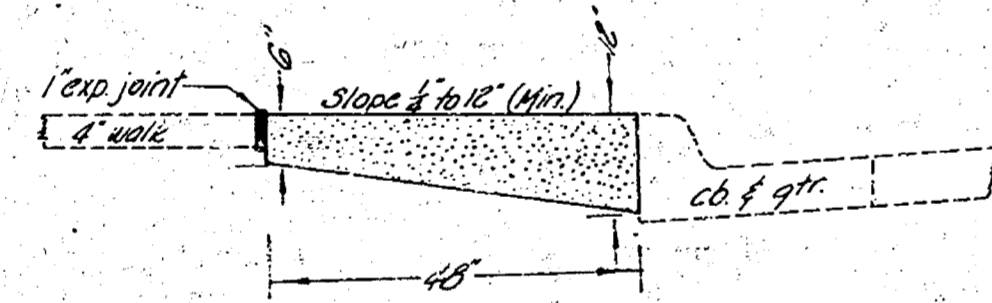
P.M. 10187. 1/2" Cor. Conc. Arch @ Back of Hd. # 2702 Bennett. Base-line & Stationing on North Property Line.



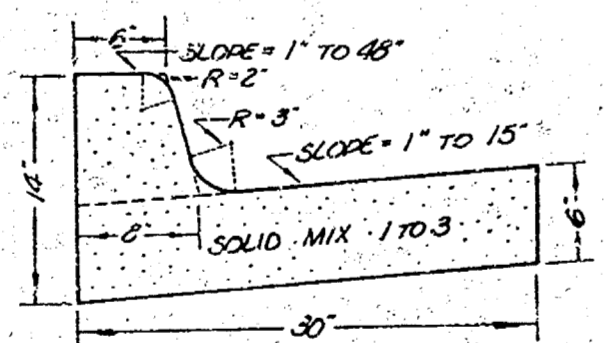
ASPHALT STEEL PATTERN to be used unless otherwise noted



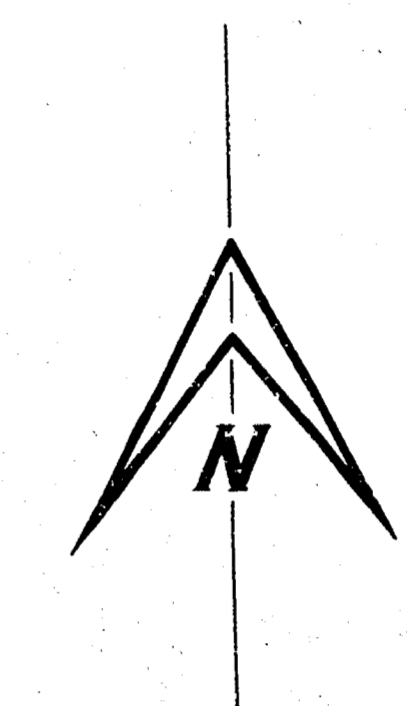
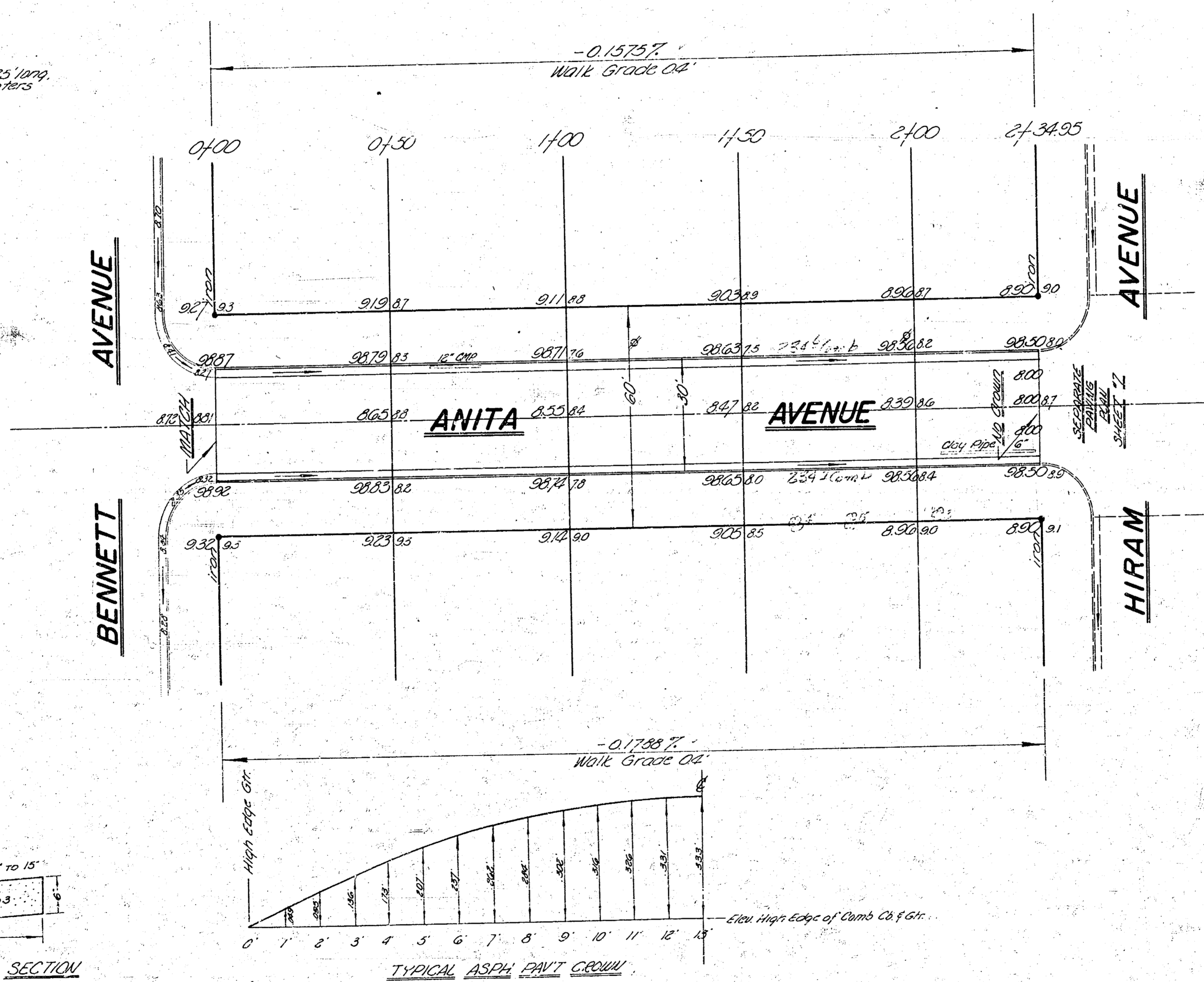
STANDARD DRIVEWAY Driveways shall be 6' wide and shall conform to the appearance of the City of Wichita, Kansas.



9" WALK AT INTERSECTION



COMB. CB. & GTR. SECTION

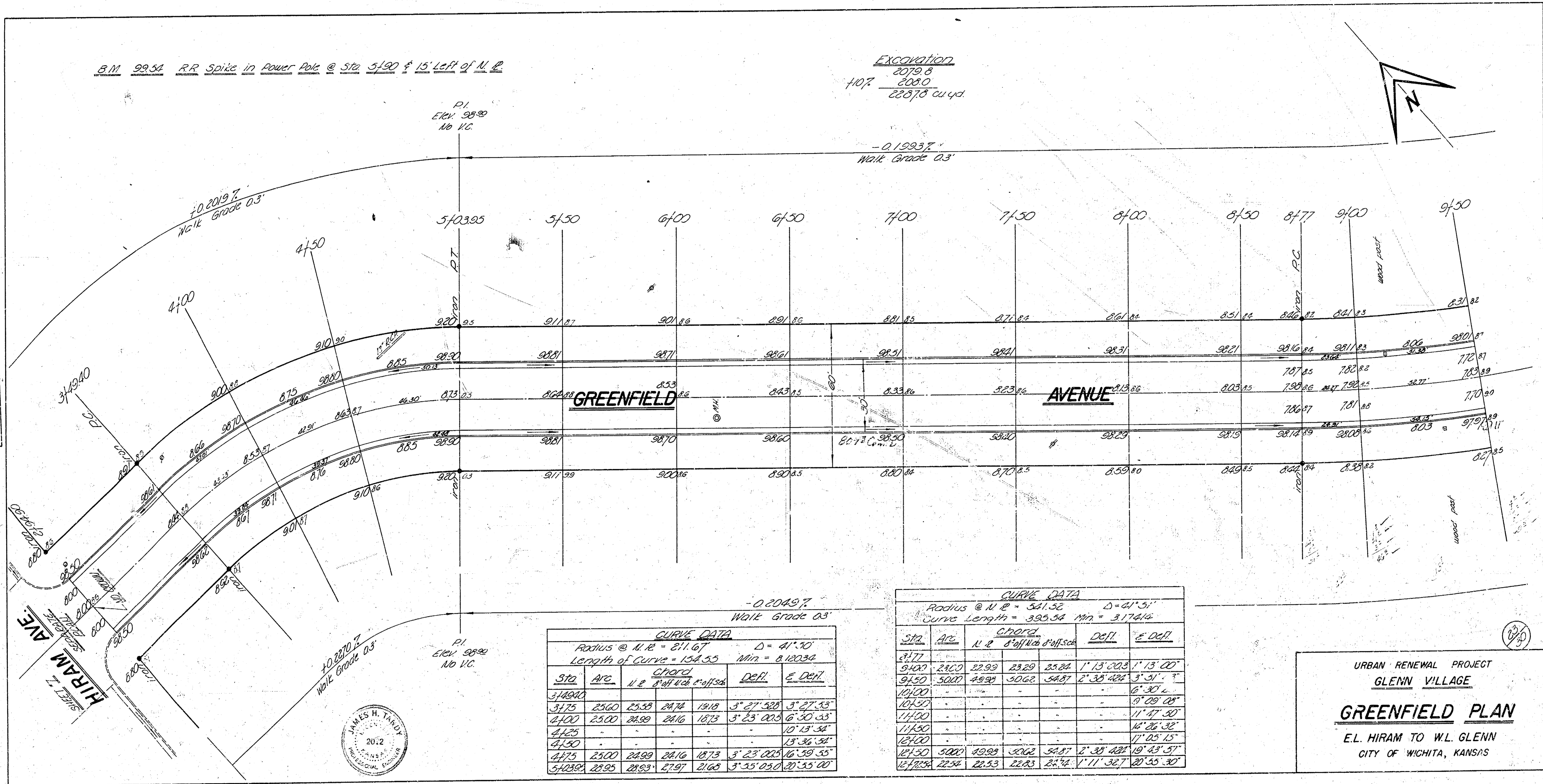


Excavation
 -1632 1/2 cu yd
 +102 1/2 cu yd
 179.5 cu yd

URBAN REVENUE PROJECT
 GLENN VILLAGE
ANITA AVENUE PLAN
 E.L. BENNETT TO W.L. HIRAM
 CITY OF WICHITA, KANSAS

B.M. 99.54 R.R. Spike in Power Pole @ Sta. 5+90 & 15' Left of N. E.

Excavation
2079.8
2080.0
22878 cu yd



SHEET 2 OF 4
J.L. Frank

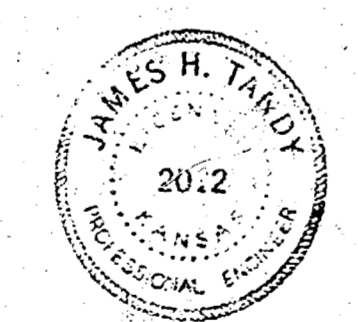
CURVE DATA
Radius @ N. E. = 811.67' D = 41° 51'
Length of Curve = 154.55' Min = 8.12034'

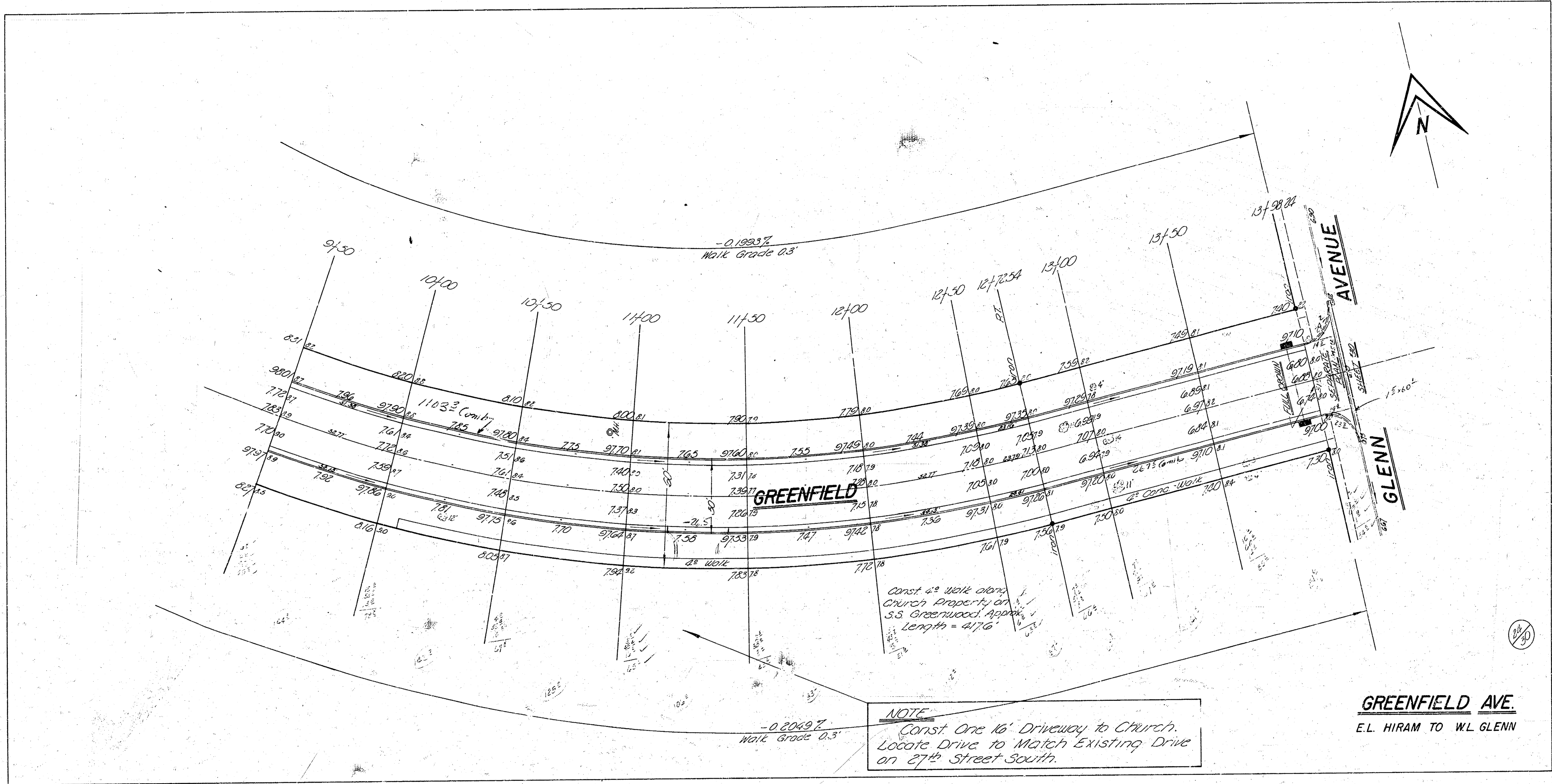
Sta	Arc	Chord	Chord	Defl.	E. Defl.
		N. E.	S. W. of N. E.		
3+40					
3+75	25.60	25.38	24.74	19.19	3° 27' 52"
4+00	23.00	22.99	22.16	18.73	3° 23' 00"
4+25					10° 13' 54"
4+50					13° 36' 34"
4+75	23.00	22.99	22.16	18.73	3° 23' 00"
5+00	22.95	22.93	22.97	21.65	3° 35' 23"

CURVE DATA
Radius @ N. E. = 541.52' D = 41° 51'
Curve Length = 325.54' Min = 3.17414'

Sta	Arc	Chord	Chord	Defl.	E. Defl.
		N. E.	S. W. of N. E.		
5+177					
5+50	24.00	22.92	22.29	22.22	1° 13' 20"
5+50	50.00	49.99	50.62	54.87	2° 38' 48"
6+00					6° 30' 0"
6+25					10° 09' 08"
6+50					11° 47' 30"
6+75					14° 26' 32"
7+00					17° 05' 15"
7+25	50.00	49.99	50.62	54.87	2° 38' 48"
7+50	22.94	22.93	22.93	21.74	1° 11' 32"

URBAN RENOVATION PROJECT
GLENN VILLAGE
GREENFIELD PLAN
E.L. HIRAM TO W.L. GLENN
CITY OF WICHITA, KANSAS

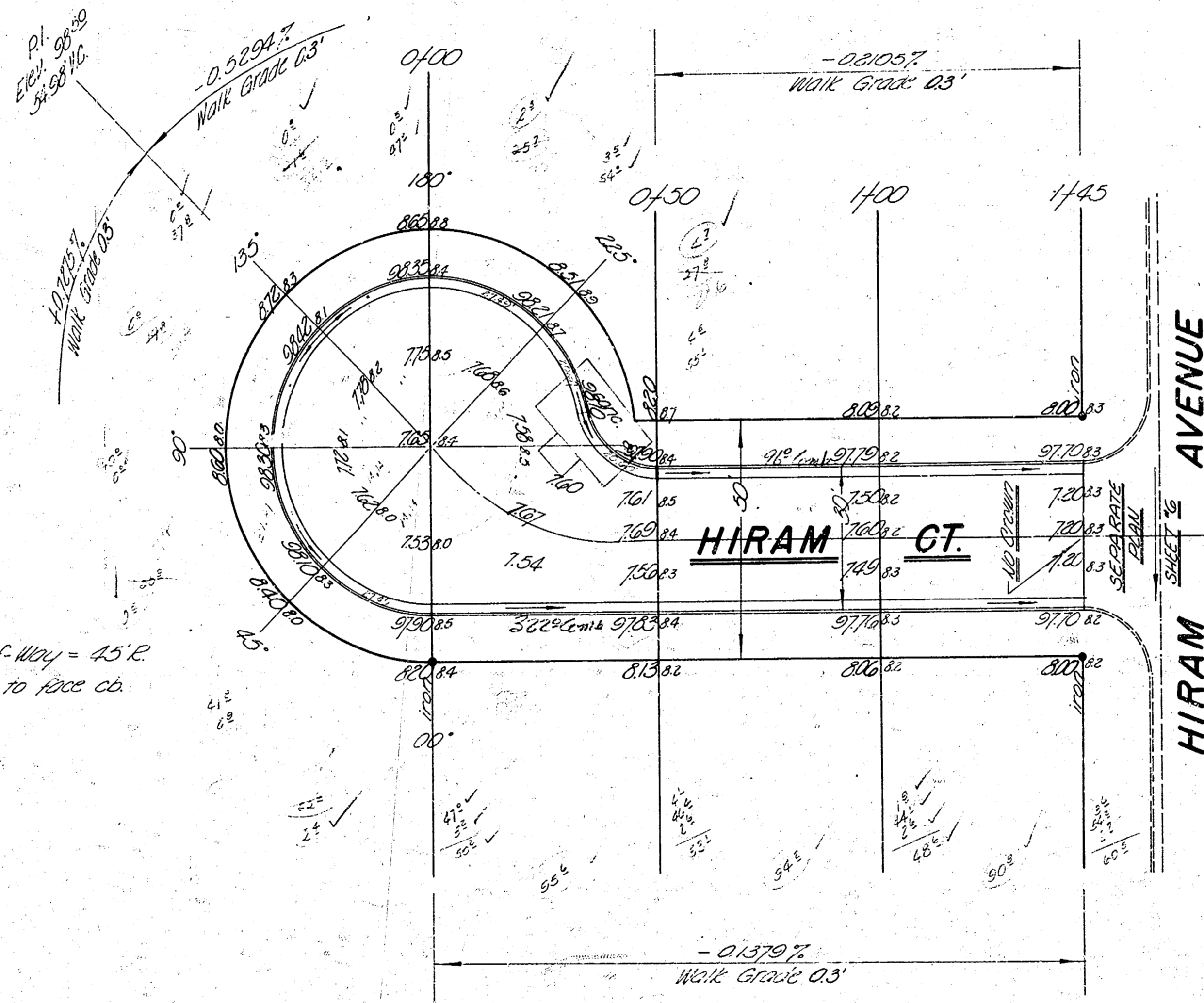




B.M. 9935 S.E. Cor. Conc. Slab Ho #2757 Bennett
 B.M. 9934 "M" in Mueller, Top Fire Hdr. N.E. Cor. Hiram & 27th

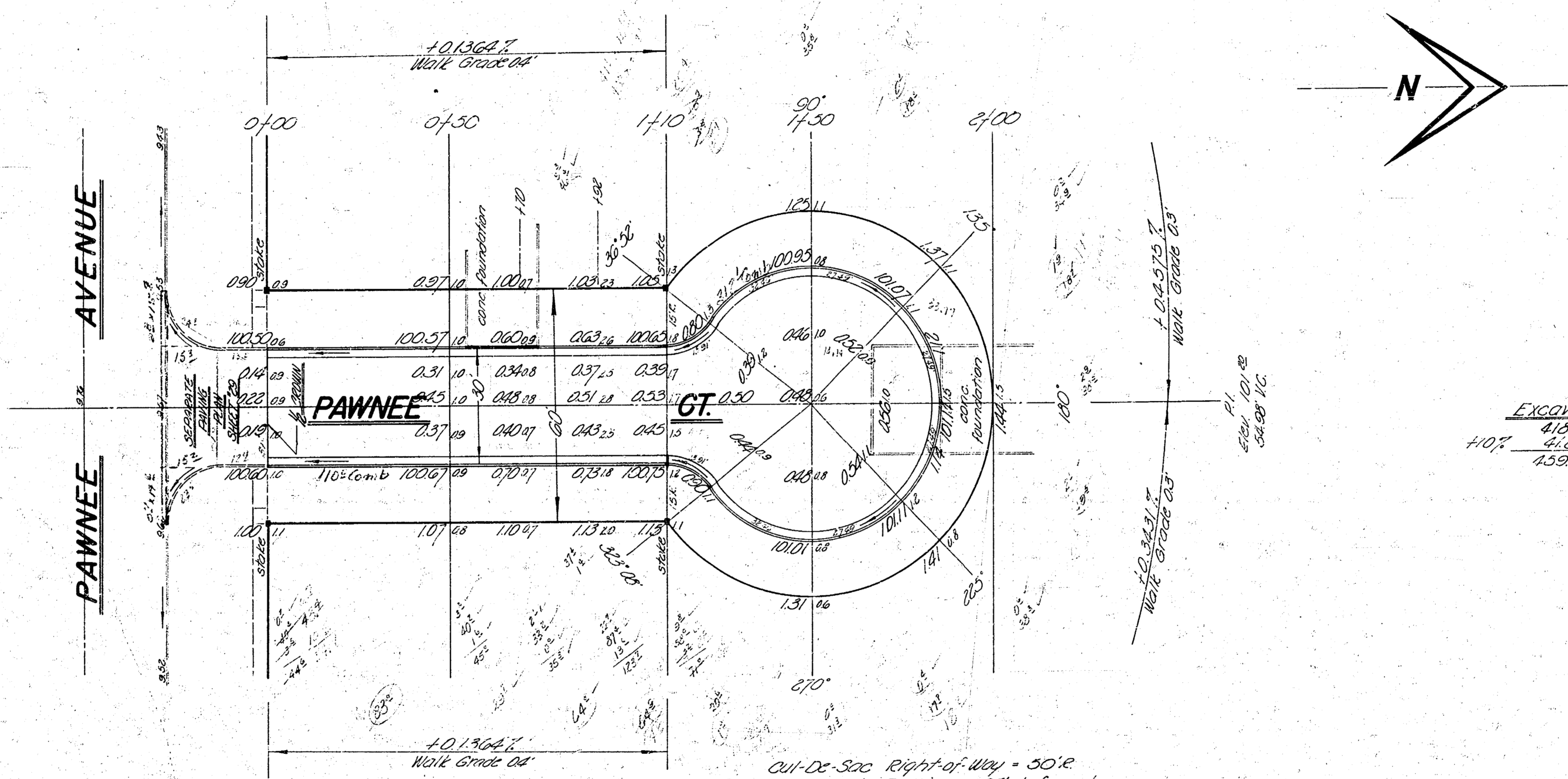
1/2" = 10'

Cul-De-Sac Right-of-Way = 45' R.
 Reversion Radius = 35' to 100' c/s.



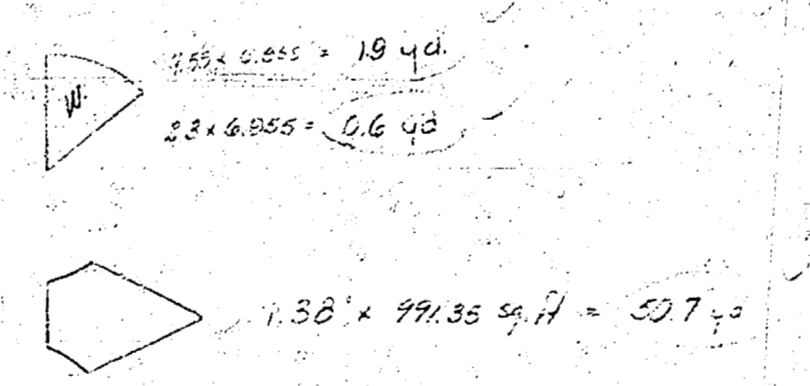
B.M. 102135 S.E. Corner Cond. Borehole HD # 2103 Pawnee
 B.M. 9802 X-Cul. Top 11 Co. Pawnee @ 6' L. Borehole North

11/17/14
 J.H. [Signature]

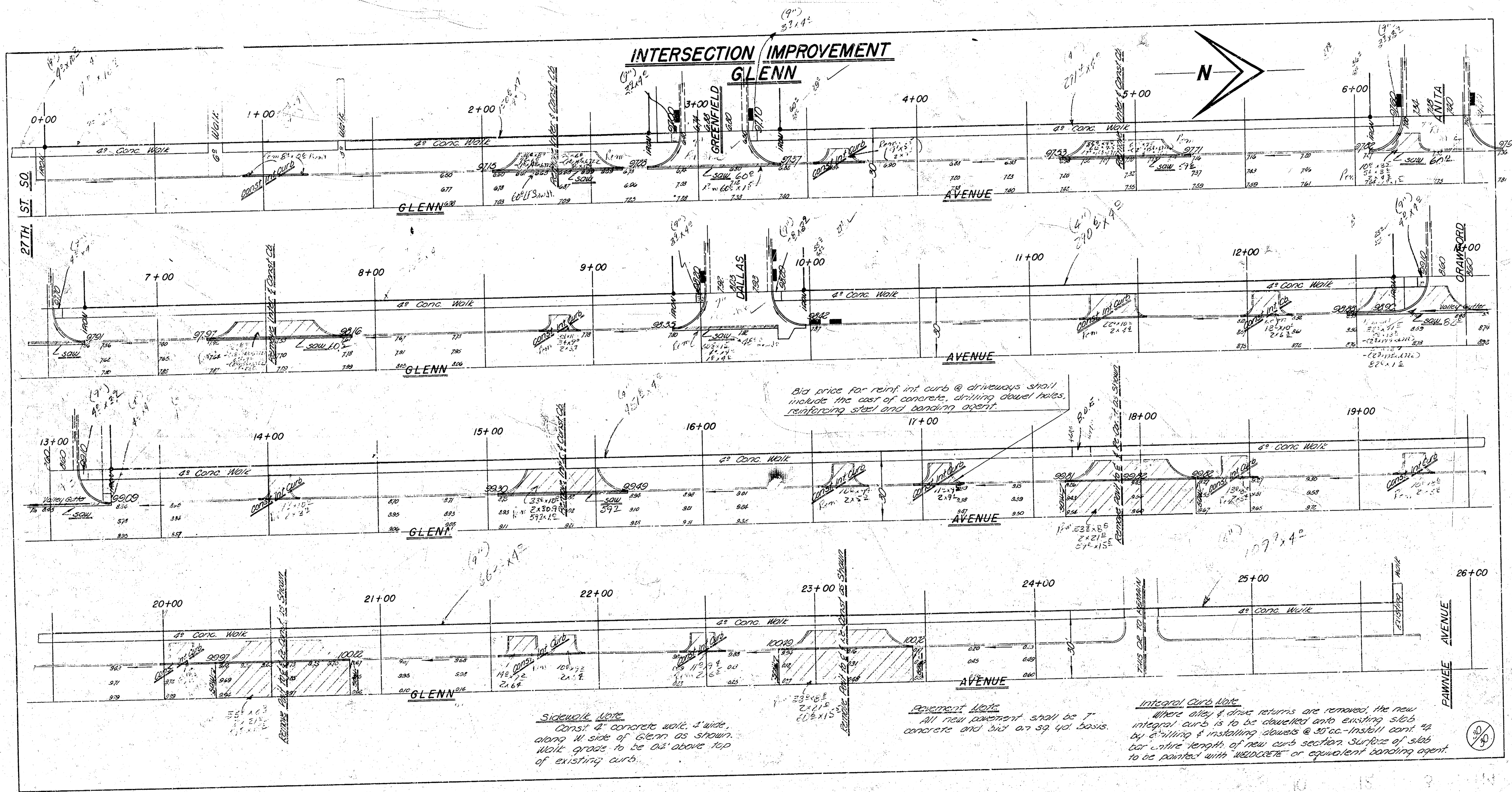


Excavation
 4.87
 40.7
 459.9

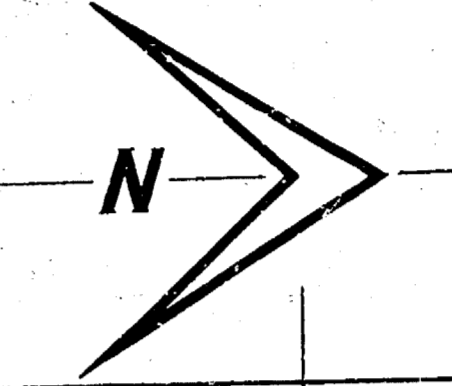
Cul-De-Sac Right-of-Way = 50'±
 Pavement Radius = 35' to face cb



URBAN RENEWAL PROJECT
 GLENN VILLAGE
PAWNEE CT. PLAN
 N.L. PAWNEE TO CUL-DE-SAC
 CITY OF WICHITA, KANSAS



**INTERSECTION IMPROVEMENT
GLENN**



Bid price for reinf int curb @ driveways shall include the cost of concrete, driving dowel bars, reinforcing steel and bonding agent.

Sidewalk Note
Consist of concrete walk, 4' wide, along W side of Glenn as shown. Walk grade to be 0.2' above top of existing curb.

Reinforcement Note
All new pavement shall be 7" concrete and bid on sq yd basis.

Integral Curb Note
Where curb & drive returns are removed, the new integral curb is to be dovetailed into existing slab by drilling & installing dowels @ 30" oc. Install cont. 1/2" bar entire length of new curb section. Surface of slab to be painted with WEDGEBE or equivalent bonding agent.

