GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH SEDGWICK COUNTY CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

3. TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).

4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

5. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL	1-800-344-7233
	OR 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-800-734-7630
CABLEVISION	262-0661
KG&E (GAS & ELECTRIC)	383-8600
CITY OF WICHITA WATER & SEWER DEPT.	268-4908
ARKLA GAS COMPANY	942-8350 OR 263-8161
CONOCO PIPELINE COMPANY	681-2081
SEDGWICK COUNTY PUBLIC WORKS	383-7901

6. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DIPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

7. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF THE EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAW JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF SURFACE OR PAVEMENT.

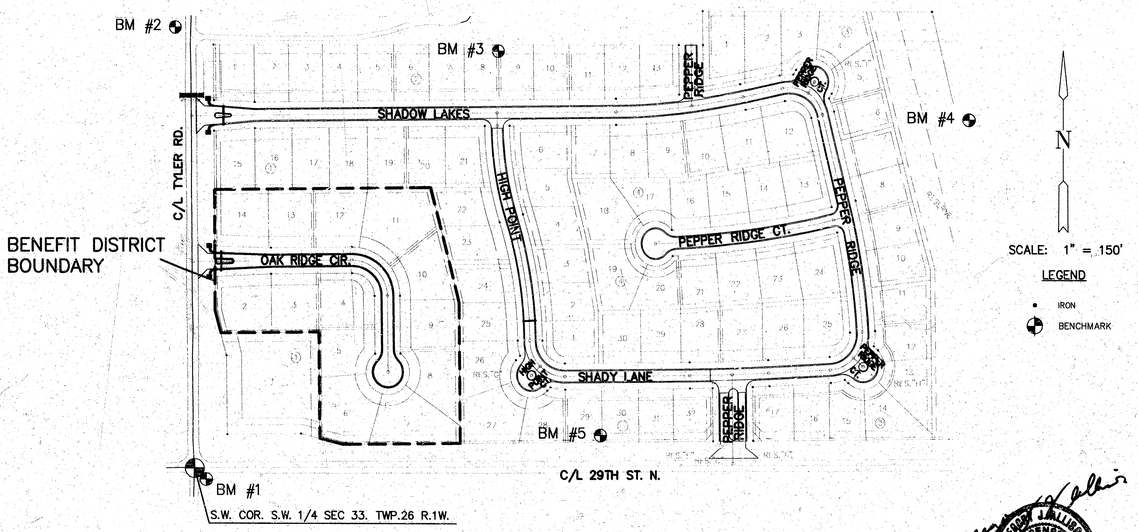
8. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.

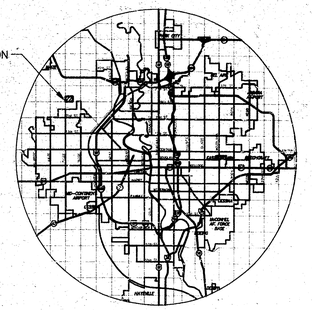
9. THE CONTRACTOR MAY REMOVE TREES WITHIN THE STREET RIGHT-OF-WAY. TREES OUTSIDE THE RIGHT-OF-WAY MARKED WITH ORANGE RIBBON SHALL NOT BE REMOVED OR HARMED IN ANY WAY.

10. THE CONTRACTOR SHALL RESEED AND MULCH ALL DISTURBED AREAS. COST SHALL BE CONSIDERED SUBSIDIARY TO SITE RESTORATION.

PAVING PLANS FOR
OAK RIDGE SECOND ADDITION - PHASE III

OAK RIDGE CIR.: FROM EAST LINE OF TYLER TO AND INCLUDING CUL-DE-SAC SERVING LOTS 2-14, BLOCK 1, OAK RIDGE 2ND ADDITION





LOCATION MAP

SCALE: 1" = 150'

LEGEND
- IRON
- BENCHMARK

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PAVEMENT DETAILS
3	VALLEY GUTTER DETAILS
4	SIGNING DETAILS
5	OAK RIDGE CIRCLE
6	OAK RIDGE CIRCLE (CONT.)
7-9	CROSS SECTIONS
10	FINAL PLAT

BENCHMARKS

BM#1 C.O.W. BENCHMARK
SE CORNER INTERSECTION TYLER & 29TH.
32.3' S. & 30' E. OF C/L BOTH. 55.5' E OF P.P. 9.2' SE OF P.P. 43.2' SE OF IRON AT SECTION CORNER.
ELEV. = 178.04

BM#2 RR SPIKE IN THE SOUTH FACE OF P.P. WEST SIDE OF TYLER RD. WEST OF THE N.W. CORNER OF OAK RIDGE 2ND.
ELEV. = 174.94

BM#3 TOP OF "T" POST ± 1.5' SOUTH OF THE NE CORNER LOT 8, BLOCK 2.
ELEV. = 182.77

BM#4 R.R. SPIKE IN S.W. FACE OF WEST H POLE IN THE N.E. CORNER OF OAK RIDGE 2ND.
ELEV. = 158.55

BM#5 TOP OF "T" POST ± 5' NORTH OF S.E. CORNER LOT 29, BLOCK 1
ELEV. = 184.49

GREGORY J. ALLISON LICENSED 11180 2/16/2000 KANSAS PROFESSIONAL ENGINEER

FEBRUARY 2000

PROJECT NO. 472-82834

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

OCA 765603

LENGTH OF PROJECT	
29' BK.-BK.	438.56 FT.
ENTRANCE	130.01 FT.
EARTHWORK SUMMARY	
EXCAVATION	140 C.Y.
LOOSE FILL	1150 C.Y.
COMPACTED FILL	2790 C.Y.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

OAK RIDGE SECOND ADD. - PHASE III
PROJECT NAME

TITLE SHEET
SHEET TITLE

DFL	GJR	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
FEBRUARY 2000	96167_EK	1 / 10
DATE	JOB NO.	SHEET/OF

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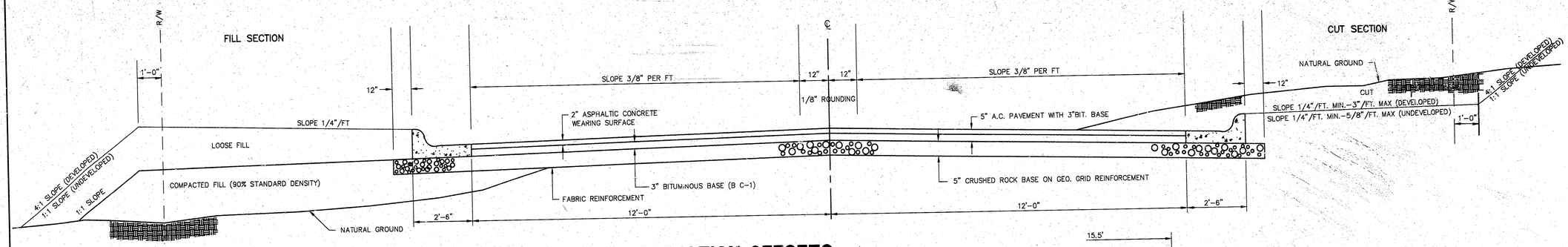
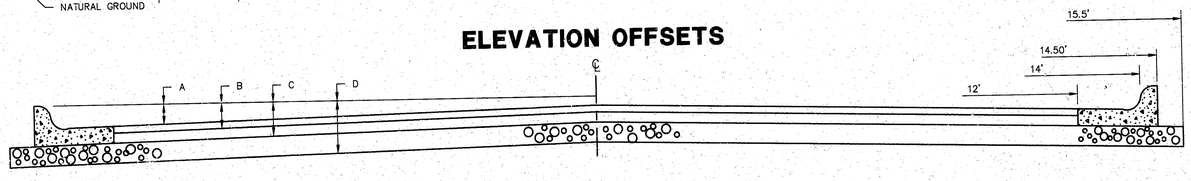
TYPICAL 29' PAVEMENT DETAILS

TRANSVERSE SECTION

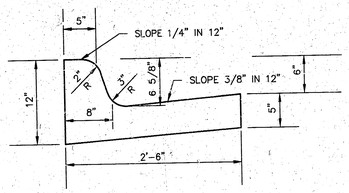


ELEVATION OFFSETS

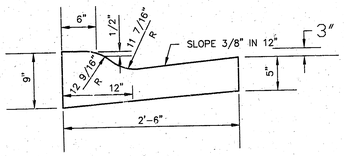


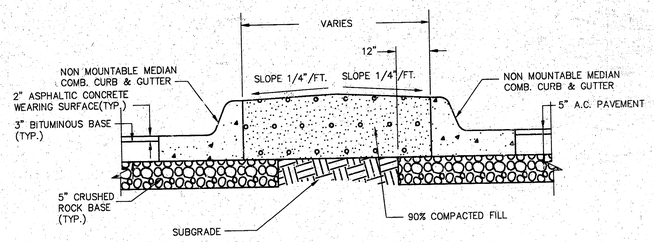
	DISTANCE FROM CENTERLINE (LT. & RT.)										
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	15.5'
A: TOP OF STD. CURBS TO TOP OF SURFACE LIFT	.13	.18	.24	.30	.33	.36	.43	.49	--	--	--
B: TOP OF STD. CURBS TO TOP OF UPPER BASE LIFT	.30	.35	.41	.47	.50	.53	.60	.66	--	--	--
C: TOP OF STD. CURBS TO TOP OF LOWER BASE LIFT	.47	.52	.60	.68	.71	.75	.83	.90	0.98	1.00	1.04
D: TOP OF STD. CURBS TO TOP OF SUBGRADE											

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER

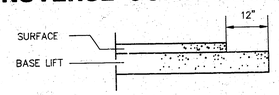




MEDIAN DETAIL

SCALE: NONE

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).

CRUSHED ROCK BASE

PERCENT OF AGGREGATE RETAINED

2-1/2"	0
3/4	20-60
#4	50-80
#40	80-94
#200	90-98

ROCK QUALITY HALL CONFORM TO THE REQUIREMENTS SPECIFIED BY THE KDOT 1990 EDITION STANDARD SPECIFICATION SUBSECTION 1102 FOR DURABILITY CLASS 1.

GEOGRID BASE REINFORCEMENT SHALL BE BX1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ROCK QUALITY SHALL BE THE SAME AS FOR CONCRETE MIXES.

GENERAL NOTES

1) ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

2) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

3) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

4) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

5 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5" CRUSHED ROCK BASE ON GEO. GRID REINFORCEMENT.

CITY OF WICHITA, KANSAS

96167ED1

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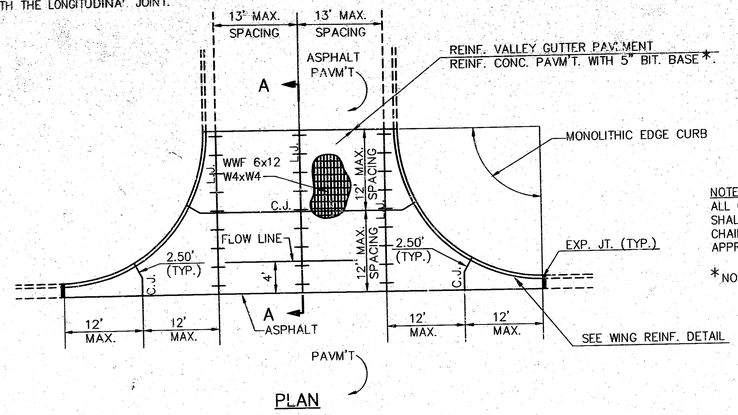
6"x12" W4xW4 WIRE FABRIC REINFORCING SHALL BE PLACED SUCH THAT THE WIRES WITH THE 6" SPACING WILL RUN PARALLEL WITH THE LONGITUDINAL JOINT.



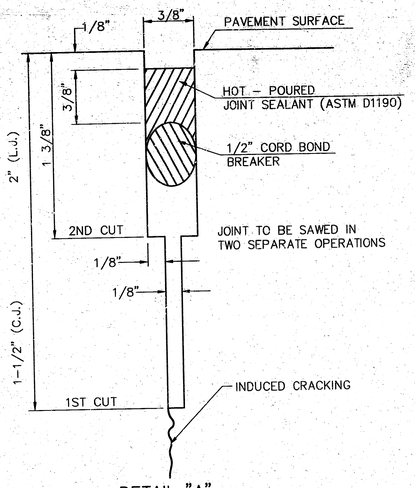
PLAN

REINFORCED VALLEY GUTTER

SCALE: NONE

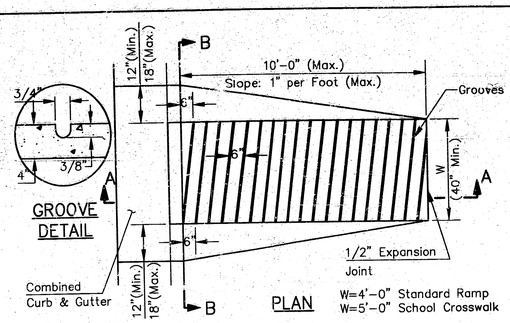
NOTE:
ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER.

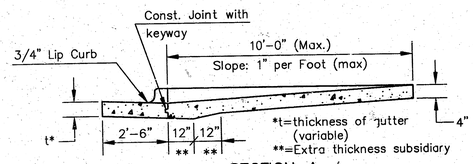
*NOT TO BE USED WITH CRUSHED ROCK BASE.



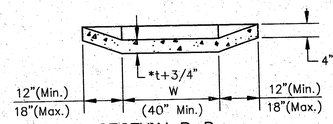
DETAIL "A"

SCALE: NONE





SECTION A–A

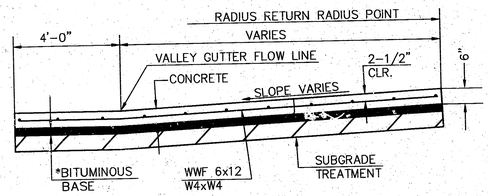


SECTION B–B

NOTE:
THE COST OF ALL WORK INDICATED ON THIS DETAIL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR WHEEL CHAIR RAMP WHICH PRICE SHALL INCLUDE ALL COSTS OF REMOVING AND RECONSTRUCTING EXISTING COMBINED CURB AND GUTTER, COMPACTION OF SUBGRADE AND NECESSARY AREA GRADING.

STANDARD WHEELCHAIR RAMP

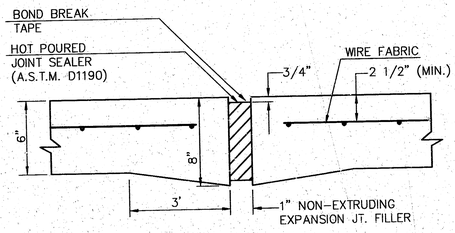
SCALE: NONE



SECTION A–A

SCALE: NONE

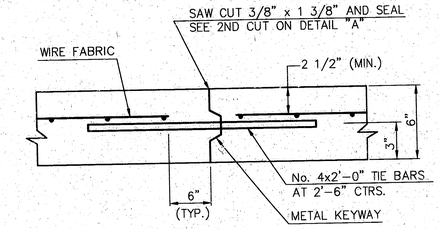
*NOT TO BE USED WITH CRUSHED ROCK BASE



NOTE:
EXTRA THICKNESS TO BE SUBSIDIARY TO PRICE OF SQ. YDS. PAVEMENT.

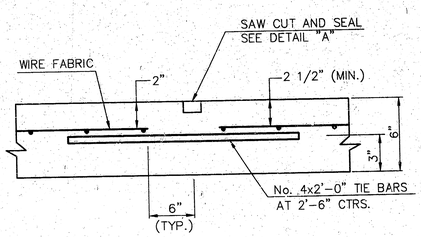
EXPANSION JOINT

SCALE: NONE



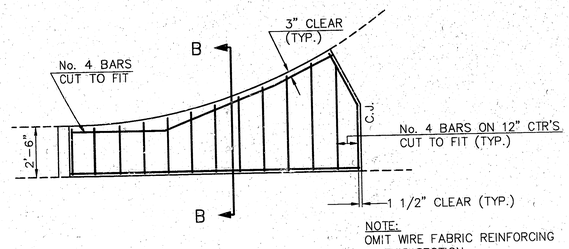
OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)

SCALE: NONE (Alternate L.J.)



LONGITUDINAL JOINT DETAIL (L.J.)

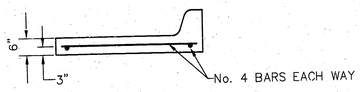
SCALE: NONE



NOTE:
OMIT WIRE FABRIC REINFORCING IN THIS SECTION.

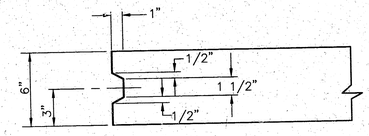
WING REINFORCING DETAIL

SCALE: NONE



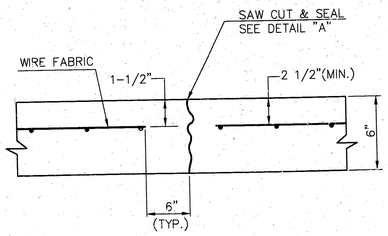
SECTION B–B

SCALE: NONE



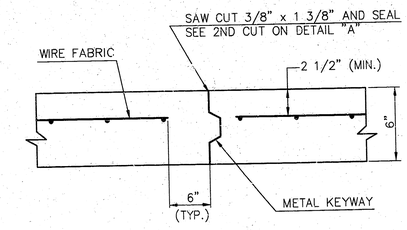
KEYWAY DETAIL

SCALE: NONE



CONTRACTION JOINT DETAIL (C.J.)

SCALE: NONE



OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)

SCALE: NONE (Alternate C.J.)

L E G E N D

C.J. IDENTIFIES CONTRACTION JOINT

L.J. IDENTIFIES LONGITUDINAL JOINT

VALLEY GUTTER & MISC. DETAILS

OAK RIDGE ADDITION

PROJECT NUMBER 96167ED2

3/10

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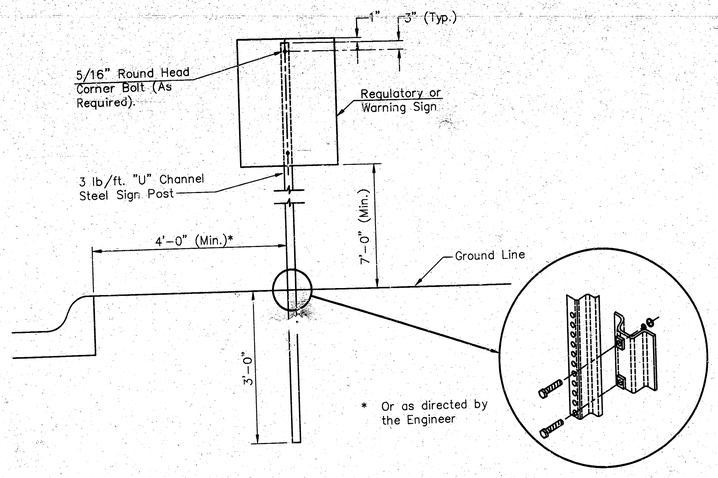
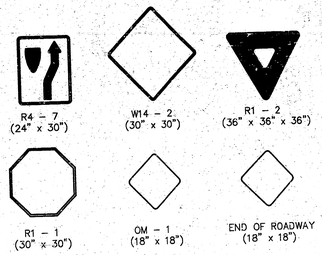
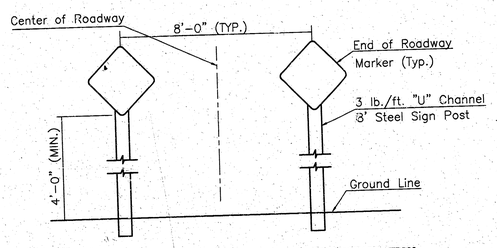


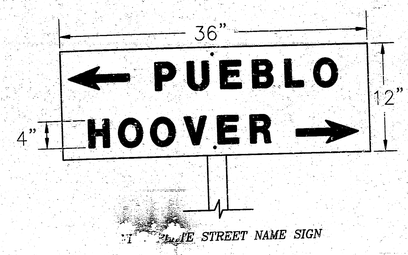
TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION

CURB AND GUTTER SECTION

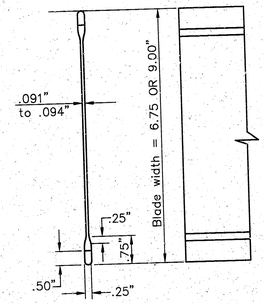




TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



STREET NAME SIGN



STREET NAME SIGN

BLADE DETAILS

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPROTATION.

1. POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
2. POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.
3. POSTS FOR STREET NAME SIGNS (SNS): POSTS SHALL BE 9 FEET LONG, CONSTRUCTED FROM 2 3/8" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3 LBS./FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE.
4. POSTS FOR END OF ROADWAY SIGN TO BE 8' LONG AND INSTALLED A MINIMUM OF 4' FROM ROADWAY TO BOTTOM OF SIGN.
5. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063–T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.
6. SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063–T6 OR 5052–H38 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.

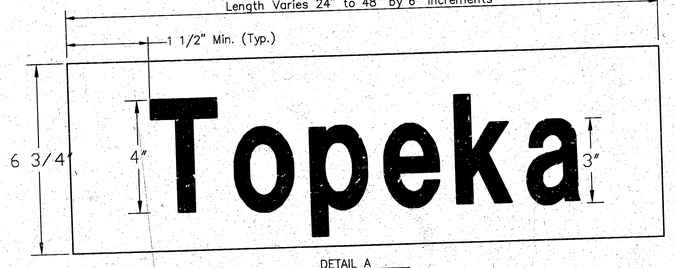
   MINIMUM BLADE LENGTH SHALL BE 24". MAXIMUM BLADE LENGTH SHALL BE 48". LENGTH VARIES BY INCREMENTS OF 6".

   BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE MOUNTING BRACKETS USING ALLEN–TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.
7. MOUNTING BRACKETS FOR SIGNS: DIE–CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 5/16" ZINC–PLATED ALLEN–TYPE SET SCREWS HAVING SELF–LOCKING SAW–TOOTH ENDS.
8. FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
9. REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II – HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
10. PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
11. DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
12. DETAILS – SNS: THE REFLECTIVE SHEETING FOR THE 6 3/4" STANDARD SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGOUND WITH SILVER–WHITE #2 COPY WITH 4" UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY. BOTH SERIES "C". FACES TO TRIM TO A 6 3/4". (SEE DETAIL A.)

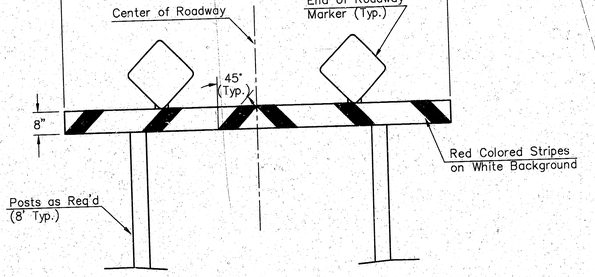
    THE REFLECTIVE SHEETING FOR THE 9" METRO SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVER–WHITE #2 COPY WITH 5" UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY, BOTH SERIES "C". THE CARDINAL DIRECTION CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE A 3" PER CASE, 3" SERIES "C" LETTER. FACES TO TRIM TO 8" X 9". (SEE DETAIL B.)

    FOR CUL–DE–SAC STREETS, A 9" METRO SIZE BLADE SHALL BE USED WITH THE HOUSE NUMBERS, DISPLAYED BENEATH THE STREET NAME. LETTERING TO BE THE SAME AS FOR THE 6 3/4" SIZE BLADE, EXCEPT THAT THE HOUSE NUMBER INFORMATION SHALL BE 4" SERIES "C".

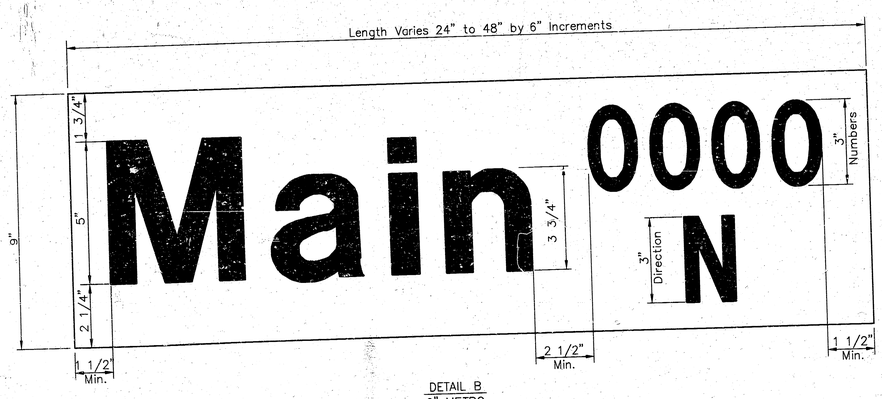
    SHOP DRAWINGS OF LAYOUT FOR SNS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION OF THE CITY OF WICHITA FOR APPROVAL PRIOR TO FABRICATION. THE FINISHED SIGNS AS SUPPLIED SHALL BE OF GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS SCALES OR BLISTERS AND SHALL BE CLEAN–CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.
13. PERMANENT TRAFFIC CONTROL AND SNS: PERMANENT TRAFFIC CONTROL AND SNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR SIGNING. THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING, POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.



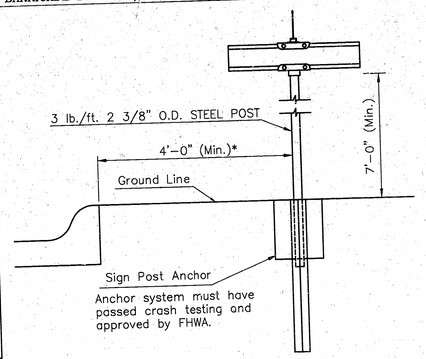
DETAIL A
6 3/4" STANDARD



TYPE I BARRICADE DETAIL W/ E.O.R. MARKER



DETAIL B
9" METRO



TYPICAL STREET NAME SIGN MOUNTING INSTALLATION

CURB AND GUTTER SECTION

SIGN ASSEMBLY TABLE

STATION	OFFSET	SIGN	QUANTITY*
Oak Ridge Cir.			
0+55	25' LT.	R1–1	1
0+55	25' RT.	SNS	1
0+56.52	℄	R4–7 & OM–1	1
0+89.03	℄	R4–7 & OM–1	1
TOTAL			4*

* FOR INFORMATION ONLY

STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
Tyler Rd 3000 N		1
Oak Ridge Cir 8700 W		1

SIGNING DETAILS

SCALE: NONE
DRAWN BY: GJR
APPROVED BY
DATE: FEB. 2000
REVISED: JUNE '97

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
TRAFFIC ENGINEERING SECTION

4/10

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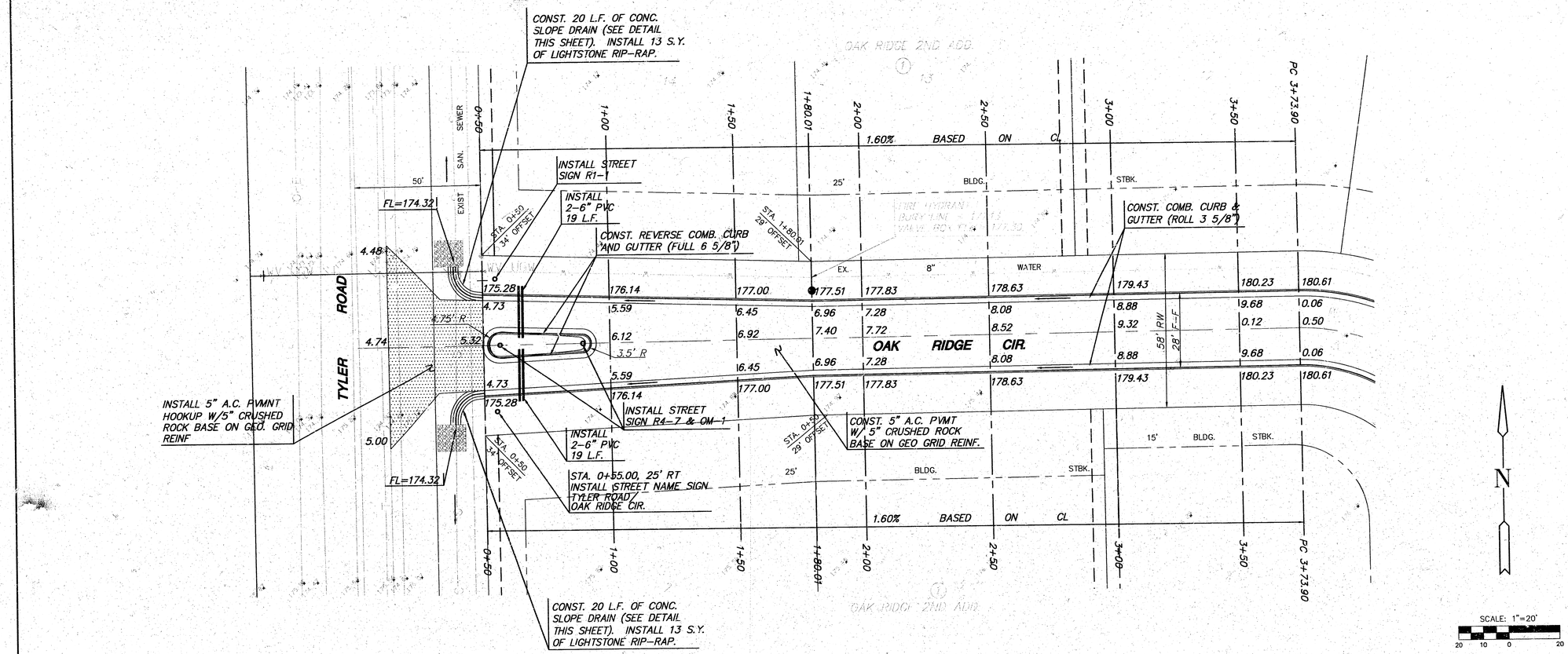
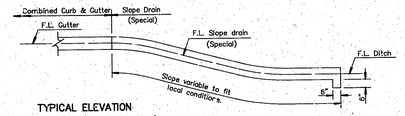
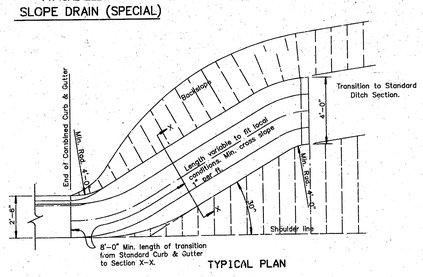
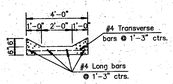




TYPICAL ELEVATION
SLOPE DRAIN (SPECIAL)

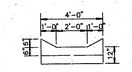


TYPICAL PLAN



SECTION X-X

Note: Use Class "A" Concrete-AE throughout. The entire area of the Slope Drain (Special) below the curbs, to be poured and struck off with a uniform thickness of 6". The curbs are to be applied in the same manner and using the same methods as for edge curb.
Reinforcing steel to be deformed #4 bars.



END ELEVATION
(Downstream end)

SUBDIVISION BENCH MARKS				
NO.	STREET AND STATION	FROM CL	DESCRIPTION	ELEVATIONS
1	OAK RIDGE CIR. STA., 3+86.63	14' LT	TOP OF N. CURB BETWEEN LOTS 5 & 6 OF OAK RIDGE THIRD ADDITION	

NOTE: CONTRACTOR SHALL INSTALL SUBDIVISION BENCH MARKS ("FLAT SURVEY MARKERS NO. 8134-08 3" TOP DIAMETER." PROVIDED BY KANSAS BLUE PRINT CO., INC.) COSTS TO BE CONSIDERED SUBSIDIARY TO CONSTRUCTION OF COMBINED CURB AND GUTTER.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

OAK RIDGE SECOND ADDITION - PHASE 3
PROJECT NAME

OAK RIDGE CIR.
SHEET TITLE

DFL	GJR	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
FEBRUARY 2000	96167_E1	5 / 10
DATE	JOB NO.	SHEET/OF

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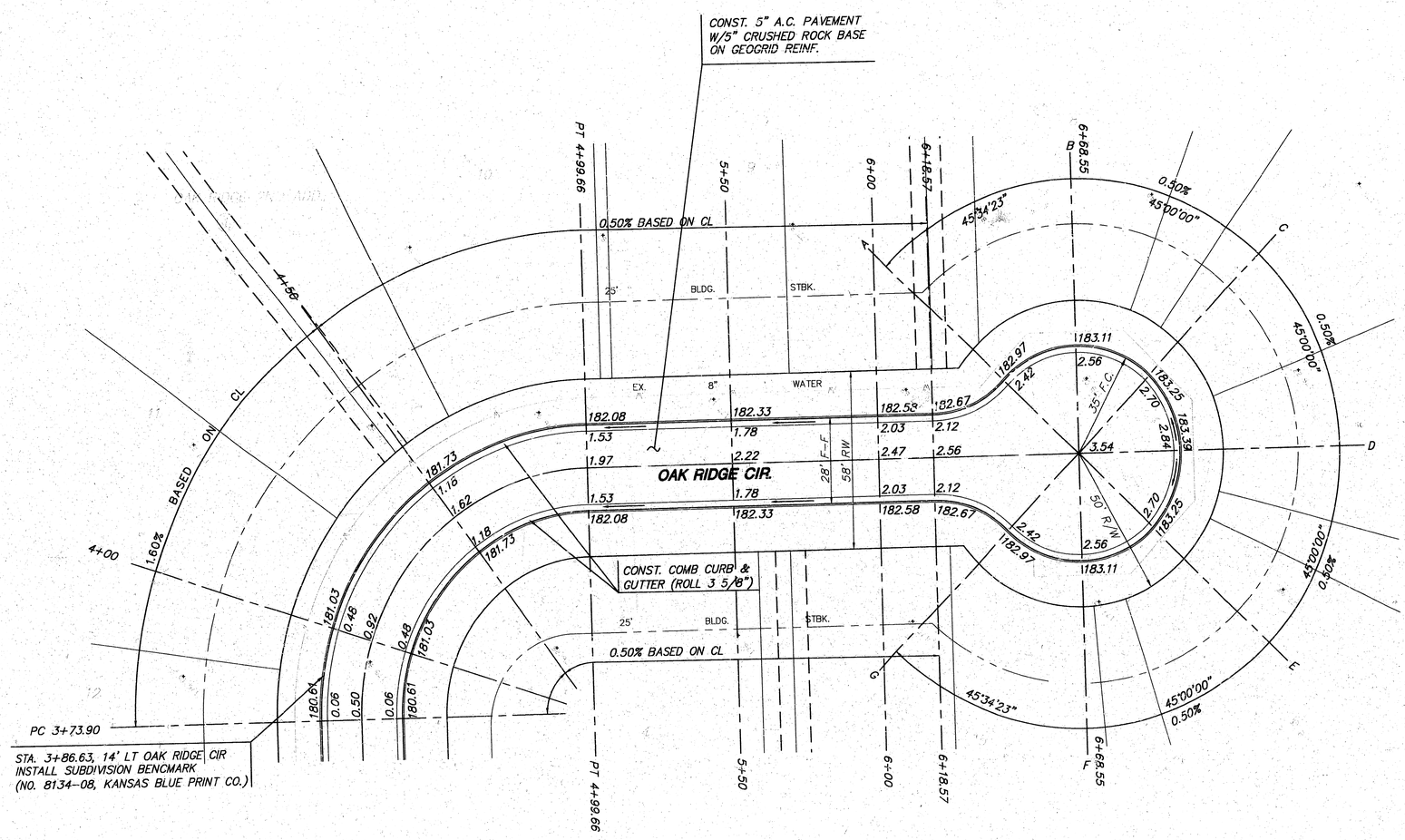
CURVE TABLE

△ = 90°04'24" R = 80.00' T = 80.10' L = 125.77' LC = 113.21'

CURVE DATA BASED ON CENTERLINE △ /2 = 45°02'12"

STATION	ARC	CHORD LENGTH 8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
3+73.90	–	–	–	00°00'00"	00°00'00"
4+00.00	26.10'	33.13'	18.84'	09°20'47"	09°20'47"
4+25.00	25.00'	31.75'	18.05'	08°57'09"	18°17'55"
4+50.00	25.00'	31.75'	18.05'	08°57'09"	27°15'05"
4+75.00	25.00'	31.75'	18.05'	08°57'09"	36°12'14"
4+99.67	24.67'	31.32'	17.81'	08°49'58"	45°02'12"
					Def/Ft = 1.14592 Min.



MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

OAK RIDGE SECOND ADDITION - PHASE 3
PROJECT NAME

OAK RIDGE CIR.
SHEET TITLE

DFL	GJR	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
FEBRUARY 2000	96167_E2	6 / 10
DATE	JOB NO.	SHEET/OF

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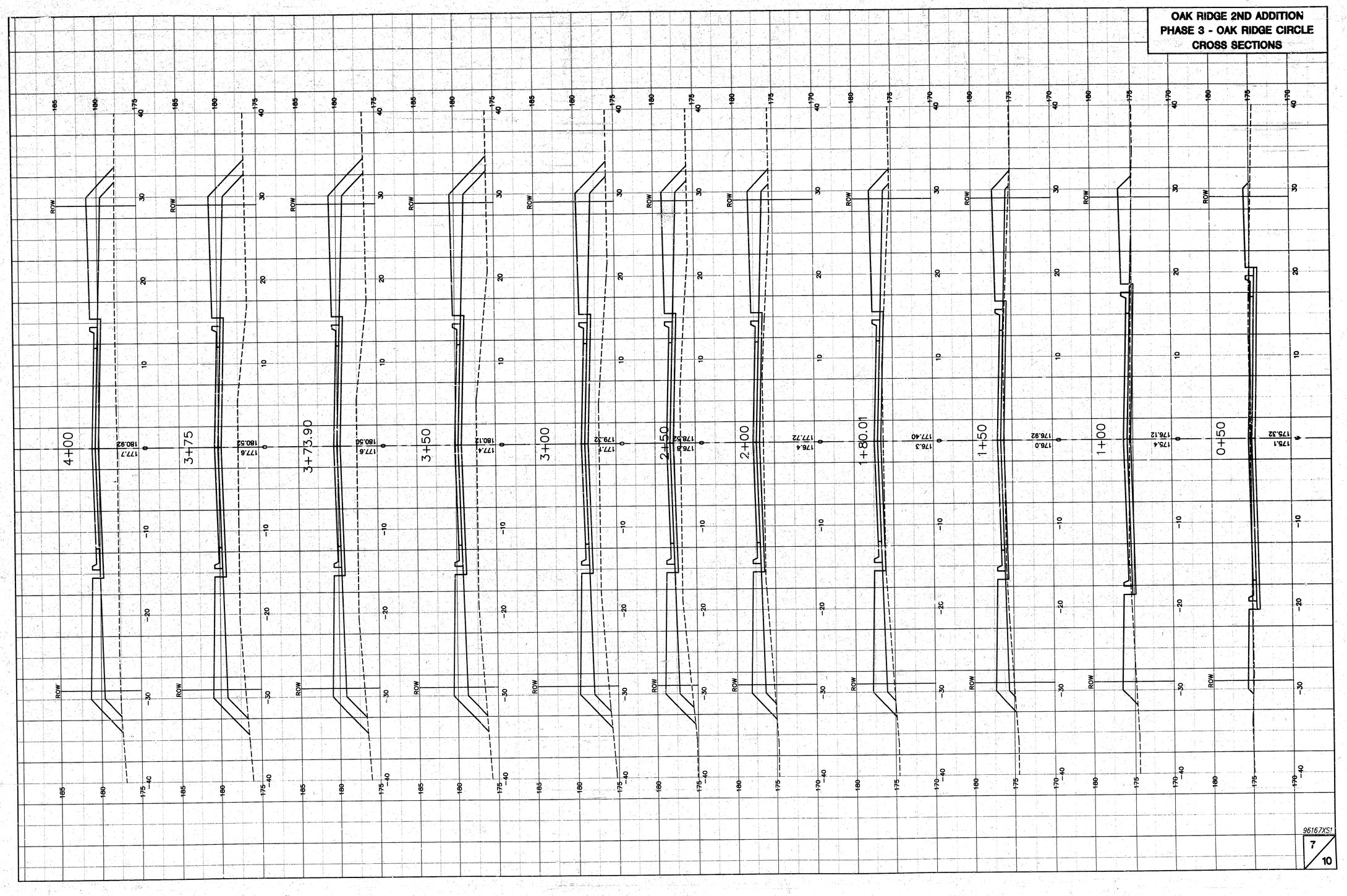
OAK RIDGE 2ND ADDITION
PHASE 3 - OAK RIDGE CIRCLE
CROSS SECTIONS



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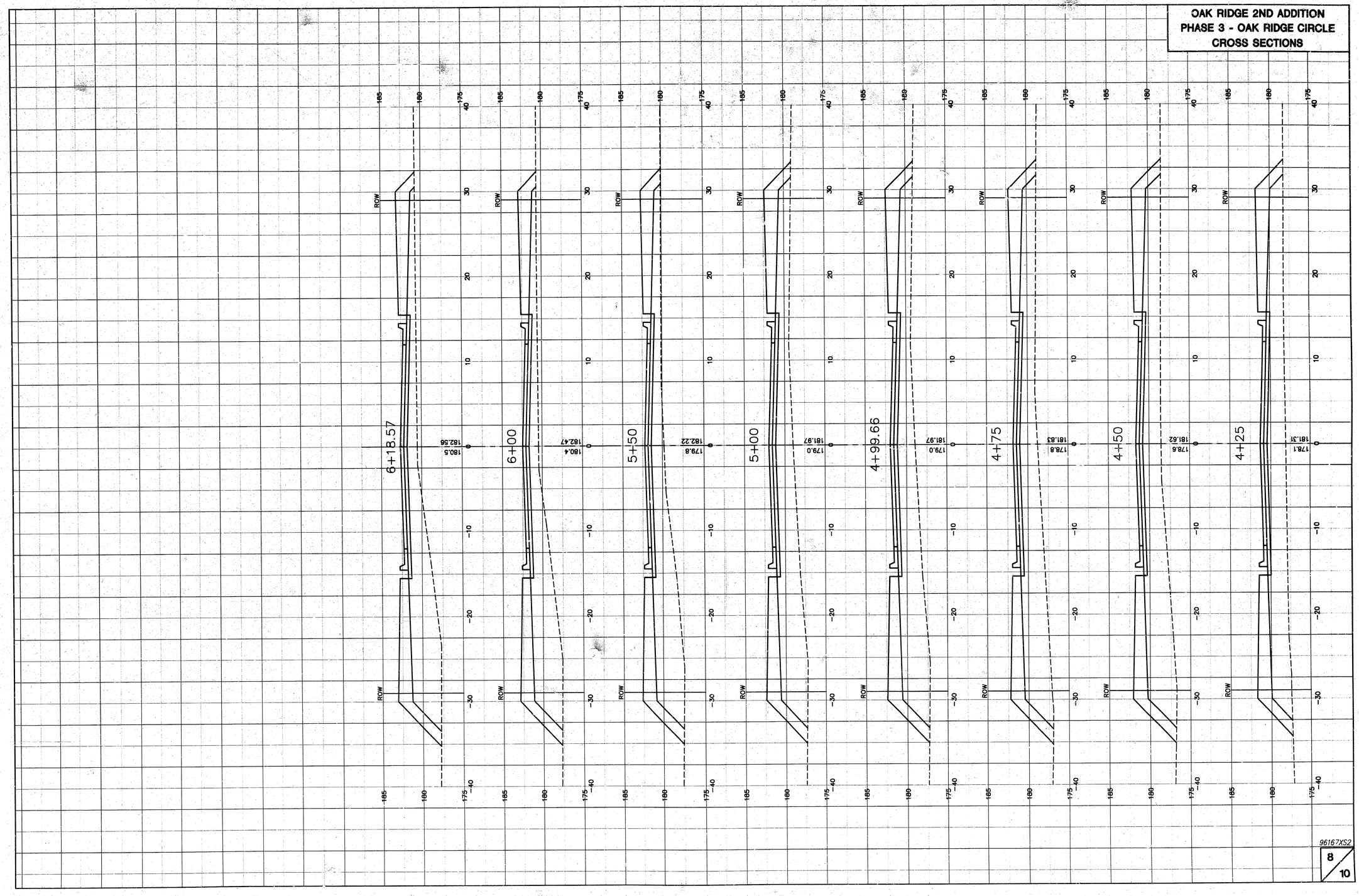
OAK RIDGE 2ND ADDITION
PHASE 3 - OAK RIDGE CIRCLE
CROSS SECTIONS



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8/10

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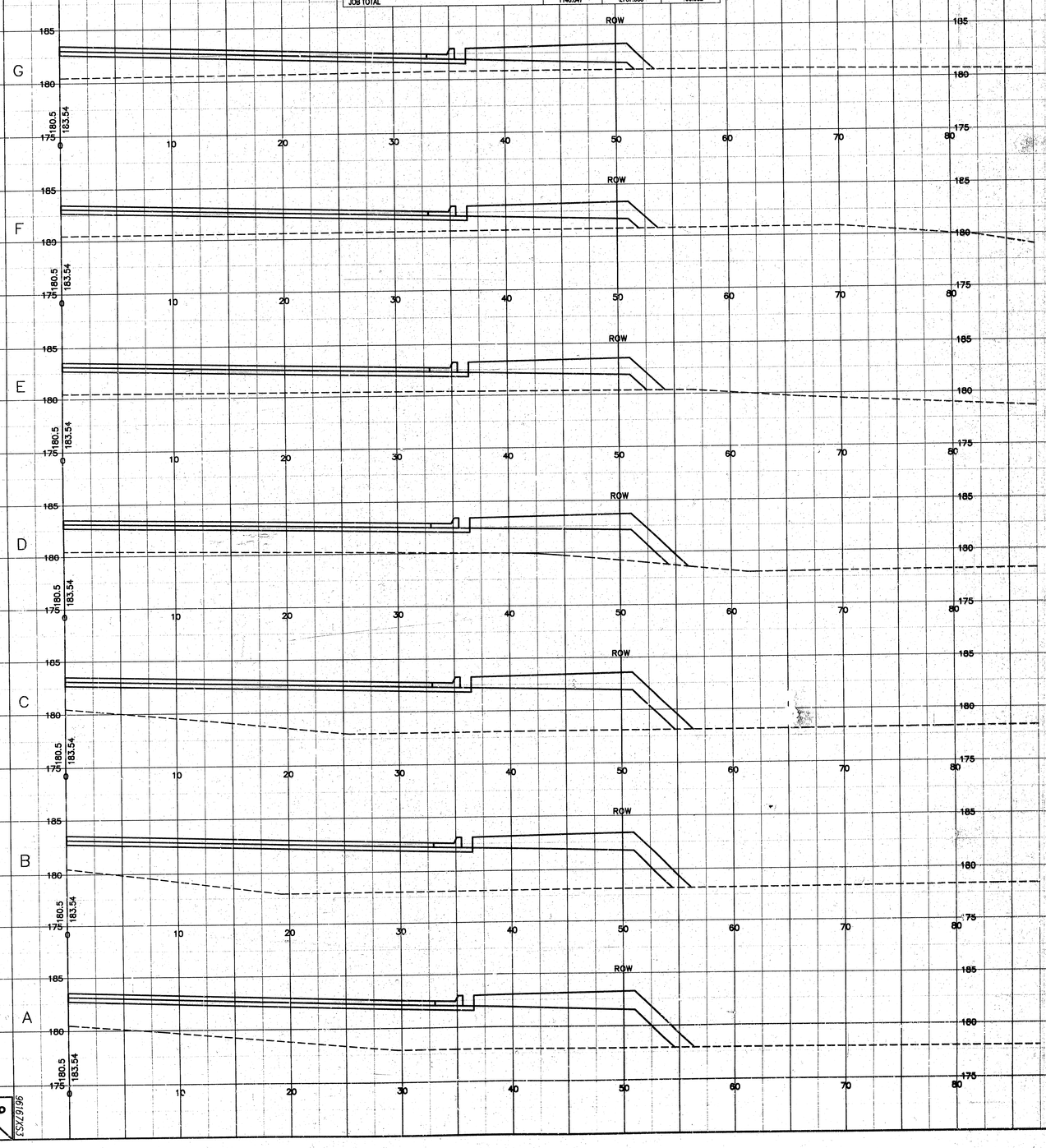
END AREA VOLUME LISTING FOR OAK RIDGE SECOND ADDITION

STATION	LF AREA (F^2)	CF AREA (F^2)	CUT AREA (F^2)	LF VOLUME (F^3)	CF VOLUME (F^3)	CUT VOLUME (F^3)
00+50.00	12.400	0.000	34.730			
				23.481	0.194	62.083
01+00.00	12.960	0.210	32.320			
				50.639	9.500	34.843
01+50.00	41.730	10.050	5.310			
				49.528	18.723	3.045
01+80.01	47.390	23.640	0.170			
				35.293	21.808	0.063
02+00.00	47.950	35.270	0.000			
				90.343	91.537	0.000
02+50.00	49.620	63.590	0.000			
				93.528	150.389	0.000
03+00.00	51.390	98.830	0.000			
				97.083	216.491	0.000
03+50.00	53.460	134.980	0.000			
				47.278	123.386	0.000
03+73.90	53.360	143.800	0.000			
				2.173	5.852	1.604
03+75.00	53.300	143.480	78.720			
				48.380	125.856	36.444
04+00.00	51.200	128.370	0.000			
				47.681	122.338	0.000
04+25.00	51.790	135.880	0.000			
				48.611	131.093	0.000
04+50.00	53.210	147.280	0.000			
				49.287	134.806	0.000
04+75.00	53.250	143.900	0.000			
				49.005	130.958	0.000
05+00.00	52.600	138.970	0.000			
				96.241	235.287	0.000
05+50.00	51.340	115.140	0.000			
				94.880	204.167	0.000
06+00.00	51.130	105.360	0.000			
				35.207	75.298	0.000
06+18.57	51.250	113.600	0.000			
TOTAL				958.636	1797.682	138.082
OAK RIDGE CIR. CUL-DE-SAC						
A	28.200	175.430	0.000			
				34.869	229.632	0.000
B	27.180	189.280	0.000			
				34.031	238.031	0.000
C	26.870	186.770	0.000			
				32.949	192.786	0.000
D	25.460	117.420	0.000			
				30.581	131.656	0.000
E	23.110	91.680	0.000			
				28.919	106.294	0.000
F	22.820	77.140	0.000			
				28.862	90.981	0.000
G	23.020	67.360	0.000			
TOTAL				190.211	989.381	0.000
JOB TOTAL				1148.847	2787.063	138.082



OAK RIDGE 2ND ADDITION
PHASE 3 - OAK RIDGE CIRCLE
CROSS SECTIONS

96167XS3

9
10

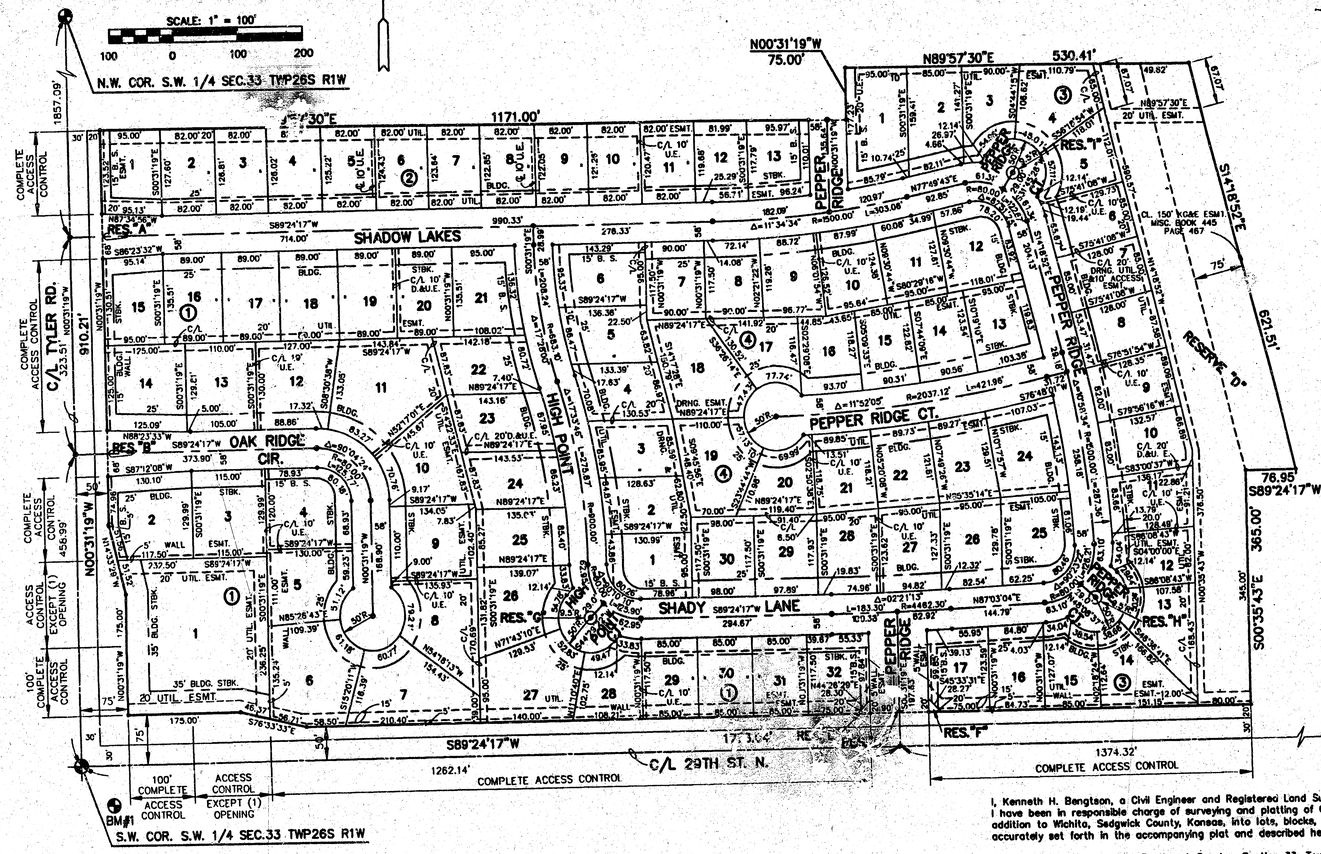
PC78-4

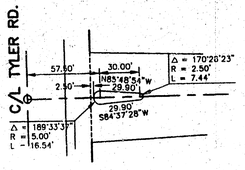
FINAL PLAT
OAK RIDGE SECOND ADDITION
AN ADDITION TO SEDGWICK COUNTY, KANSAS

LEGEND
- • = IRON SET
- B.S. = BUILDING SETBACK
- U.E. = UTILITY EASEMENT
- D.&U.E. = DRAINAGE & UTILITY EASEMENT

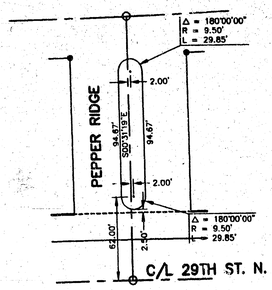
SCALE: 1" = 100'
100 0 100 200

N.W. COR. S.W. 1/4 SEC.33 TWP26S R1W





RESERVE A & B



RESERVE C

Lot	Block	Min. Pad Elev. (City Datum)	Min. Pad Elev. (USGS Datum)
4	3	158.0	1345.4
5	3	158.0	1345.4
6	3	158.0	1345.4
7	3	158.0	1345.4
8	3	158.0	1345.4
9	3	158.0	1345.4
10	3	158.0	1345.4
11	3	158.0	1345.4
12	3	158.0	1345.4
13	3	158.0	1345.4
14	3	158.0	1345.4

BENCHMARKS

BM#1 SE COR. INTERSECTION. 32.3' SOUTH & 30' EAST OF CTR. LINE BOTH. 55.5' EAST OF PP, 9.2' SE OF PP 43.2' SE OF IRON AT SECTION CORNER. ELEV. = 178.04

LIBRARY COPY
SEDGWICK COUNTY, KANSAS
REGISTER OF DEEDS
LARRY CONSOLVER

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's and Registered Land Surveyor's Certificate, have caused the same to be surveyed and platted into lots, blocks, streets and reserves the same to be known as "OAK RIDGE SECOND ADDITION", an addition to Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities and drainage, are hereby granted to the public.

Reserves A, B, C, E, and F are platted for open space, landscaping, lighting, irrigation, median, and entry monuments. Reserve D is platted for construction and maintenance of public drainage and lakes. Reserve D is also platted for open space, landscaping, irrigation, and recreation. Reserves G, H, and I are platted for open space, landscaping, lighting, irrigation, and monuments. The reserves shall be owned and maintained by the homeowners association.

All abutters right of access to or from 29th Street North over and across the South line of OAK RIDGE SECOND ADDITION, are hereby granted to the governing body, provided however, Lot 1, Block 1 shall have access to 29th Street North at one location as determined by the City Engineer. All abutters right of access to or from Tyler Road over and across the West line of OAK RIDGE SECOND ADDITION are hereby granted to the governing body, provided however, Lot 1, Block 1 shall have access to Tyler Road at one location as determined by the City Engineer.

The 10' Access Easement located in Lots 6 and 7, Block 3 is hereby granted to and for the use of the public, and shall not be obstructed.

The wall easement is platted for the construction and maintenance of a private wall, utilities may cross the wall easement.

Minimum pad elevations (Lowest opening) are as indicated on the accompanying plat.

FREEDOM DEVELOPMENT, INC.

J.V. VanAllen, President

We, Woodard Children College Trust, aka Woodard Grandchildren College Trust, an irrevocable Trust under Trust indenture. holders of a mortgage on the above decribed property, do hereby consent to the plat of "OAK RIDGE SECOND ADDITION"

Woodard Children College Trust, aka Woodard Grandchildren College Trust, an irrevocable Trust under Trust indenture.

Charles Woodard

STATE OF KANSAS) ss.
SEDGWICK COUNTY)

BE IT REMEMBERED, that on this 20th day of June, 1997, before the undersigned, a Notary Public in and for the County and State aforesaid, came J.V. Van Allen, President, Freedom Development, Inc. and Charles Woodard, trustee for Woodard Children College Trust, aka Woodard Grandchildren College Trust, an irrevocable Trust under Trust indenture, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last above written.

Deborah S. McGinnis
Notary Public

DEBORAH S. McGINNIS
Notary Public - State of Kansas
Appt. Expires 10-18-99

My appointment expires: October 18, 1997

This plat of "OAK RIDGE SECOND ADDITION", has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 10th day of April, 1997.

WICHITA-SEDGWICK COUNTY METROPOLITAN PLANNING COMMISSION

John C. Frye, Chairman

Marvin S. Krout, Secretary

This plat approved and all dedications shown thereon, if any, accepted by the City Council of the City of Wichita, Kansas, this 15th day of JULY, 1997.

Bob Knight, Mayor

Pat Burnett, City Clerk

Entered on transfer record this 28th day of July, 1997.

James Alford, County Clerk

STATE OF KANSAS) ss:
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this 28 day of July, 1997.

Larry Consolver, Register of Deeds

Michael D. Hurtt, Deputy

I, Kenneth H. Bengtson, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of OAK RIDGE SECOND ADDITION, an addition to Wichita, Sedgwick County, Kansas, into lots, blocks, streets, and reserves the same being accurately set forth in the accompanying plat and described herein:

A tract of land lying in the Southwest Quarter, Section 33, Township 25 South, Range 1 West of the 6TH P.M., Sedgwick County, Kansas, more particularly described as follows:

Beginning at a point lying 30 feet East of the West line and 30 feet North of the South line of said Southwest Quarter; thence N 00° 31' 19" W, 910.21 feet parallel with said West line to a point on the North line of General Warranty Deed found on Film 1645, Page 1709; thence N 89° 57' 30" E, 1171.00 feet along said North line of General Warranty Deed; thence N 00° 31' 19" W, 75.00 feet; thence N 89° 57' 30" E, 530.41 feet to a point on the centerline of a 150 foot K. G. & E. Easement; thence S 14° 18' 52" E, 621.51 feet along said centerline to a point on the North line of NORTHWEST SUBSTATION ADDITION, an addition to Wichita, Sedgwick County, Kansas; thence S 89° 24' 17" W, 76.95 feet along the North line to the Northwest corner of said addition; thence S 00° 35' 43" E, 365.00 feet along the West line of said addition to a point lying 30 feet North of said South line of said Southwest Quarter; thence S 89° 24' 17" W, 1773.04 feet parallel with said South line to the point of beginning.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 2 day of June, 1997.

Kenneth H. Bengtson, P.E., R.L.S. #922
Mid-Kansas Engineering Consultants, Inc.
411 North Webb Road
Wichita, KS 67206

#162040

10-10-10-01

3.5 CK

F:\FILES\2510\PRJPRF\FINAL1615\FINAL1 Sat May 31 14:46:03 1997