

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

PAVING *Julianne Kallman 4-4-02*

NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

GENERAL NOTES

- UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.
- 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.
- 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).
- 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.
- 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 1-800-734-7590
CDX CABLEVISION 262-0661
KS&E (ELECTRIC) 383-8600
KANSAS GAS SERVICE 383-8600
CITY OF WICHITA WATER & SEWER MAINT. 262-6000
PEOPLES NATURAL GAS 1-800-303-0357

- 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 DISPOSAL 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.
- THIS PROJECT INCLUDES A CERTAIN AMOUNT OF ROLL TYPE CURB CONSTRUCTION. ROLL CURBS SHALL BE DEPRESSED THROUGH ALL DRIVEWAY OPENINGS WHEN SUCH DRIVES ARE CONSTRUCTED AS A PART OF THE PROJECT. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH OR EQUIVALENT COMBINATIONS THEREOF ARE TO BE CONSTRUCTED WITH THIS PROJECT.
- A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF THE EXISTING SURFACE COURSE OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJUTS 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.
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- ANY TREE THAT MUST HAVE BRANCHES REMOVED SHALL BE TRIMMED WITH A SHARP INSTRUMENT/TOOL THAT IS INTENDED FOR SUCH OPERATIONS. GAIN APPROVAL FROM MLEC BEFORE REMOVING BRANCHES FROM ANY TREE. KNOCKING BRANCHES OFF WITH A BACKHOE OR OTHER SIMILAR MACHINES IS NOT ACCEPTABLE. SEE DETAIL ON SHEET 11.

PAVING STREETS IN

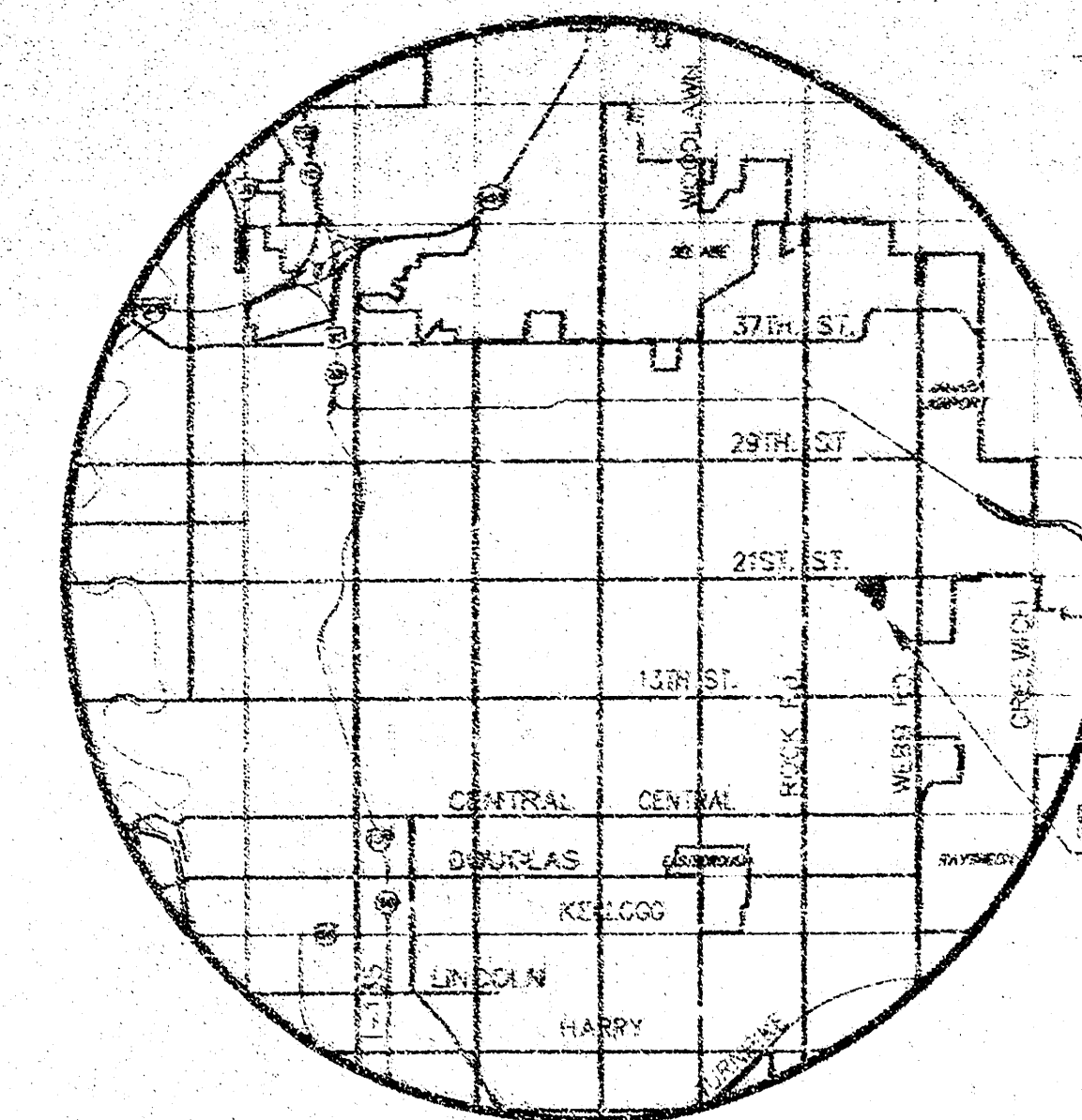
WILSON FARMS THIRD ADDITION

AN ADDITION TO THE CITY OF WICHITA
SEDGWICK COUNTY, KANSAS

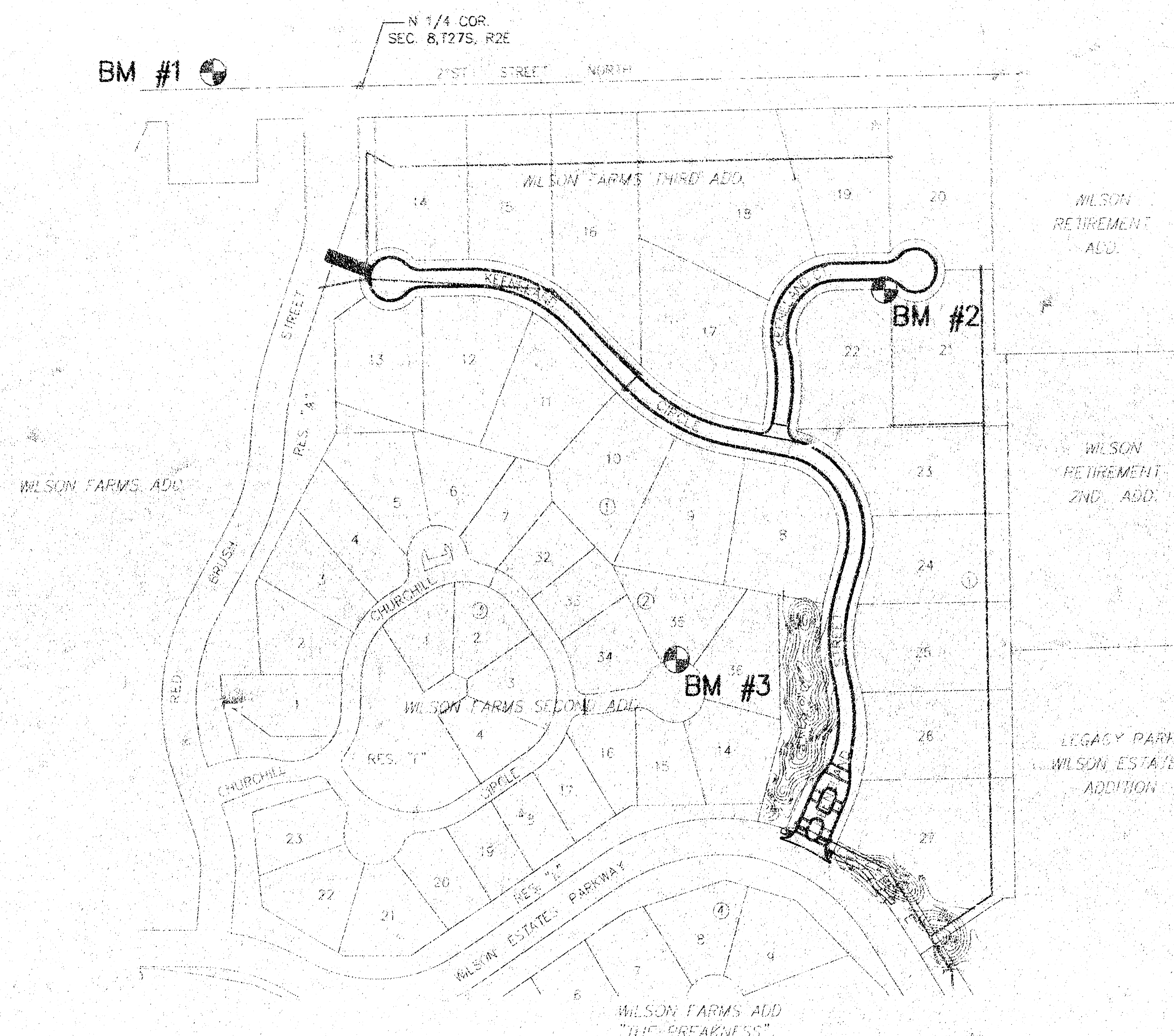
PROJECT NO. 133-PPP

MICHAEL E. LINDEBAK, CITY ENGINEER

OCA 607879



LOCATION MAP



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYP. PAVING SECTIONS
3-6	PAVING DETAILS
7-9	KEENELAND STREET/KEENELAND CIRCLE
10	KEENELAND COURT
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12-14	EROSION CONTROL DETAILS
15-21	CROSS SECTIONS
22	FINAL PLAT

BENCHMARKS

- BM#1 C.O.W. BENCHMARK 1/2 MILE EAST OF ROCK ROAD ON 21ST ST. N.E. COR. HUBBARD ON R.C.B.C. ELEV. = 190.94
- BM#2 TOP OF 4" POST ± 5' SOUTH OF PC IN STREET R/W ON 3RD ADDITION ELEV. = 205.21
- BM#3 "CUT" T.C. SW CORNER LOT 35, BLK. 2, WILSON FARMS SECOND ELEV. = 201.99

EARTHWORK SUMMARY

EXCAVATION 2700 C.Y.
LOOSE FILL 2080 C.Y.
COMPACTED FILL 750 C.Y.

* BERM GRADING SUMMARY

CMT 230 C.Y.
COMPACTED FILL 5160 C.Y.

* FOR INFORMATION ONLY

NOTE: EXISTING STOCKPILE ON LOTS 9-10 BLK 1 OF THE THIRD ADD. SHALL BE USED PRIOR TO CONTR. BRING MATERIAL IN FROM OFFSITE. STOCKPILE HAS ESTIMATE QTY OF 4000CY. CONTR. SHALL BE RESPONSIBLE FOR MORE EXACT QTY. OFFSITE STOCKPILE MATERIAL AVAILABLE FOR CONTR. USE, IS LOCATED EAST OF WILSON FARMS "THE BREAKNECK".



ENGINEERING CONSULTANTS
4114 WEBB ROAD
WICHITA, KS 67209
316-684-9800

WILSON FARMS THIRD ADDITION
PROJECT NAME

PAVING PLANS
SHEET TITLE

DFL
DESIGN BY:
DATE: APRIL 2002

DM
DRAWN BY:
DRAWING NAME: 01202_ET

GJA
CHECKED BY:
SHEET 1 OF 22

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

PAVING

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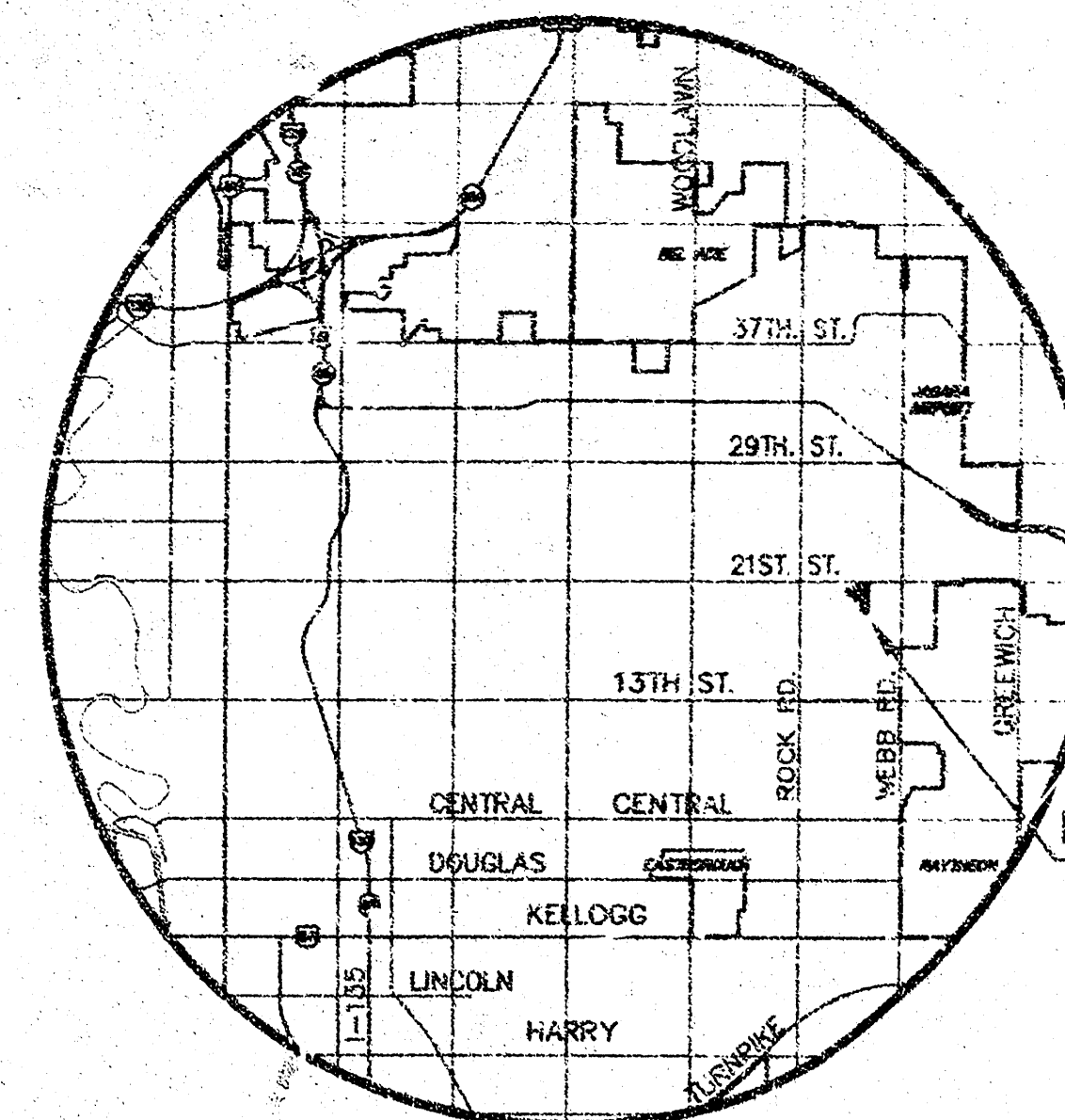
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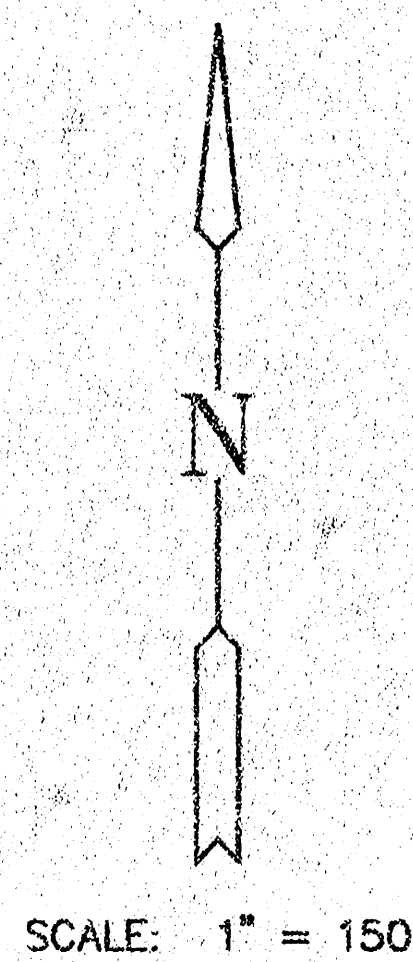
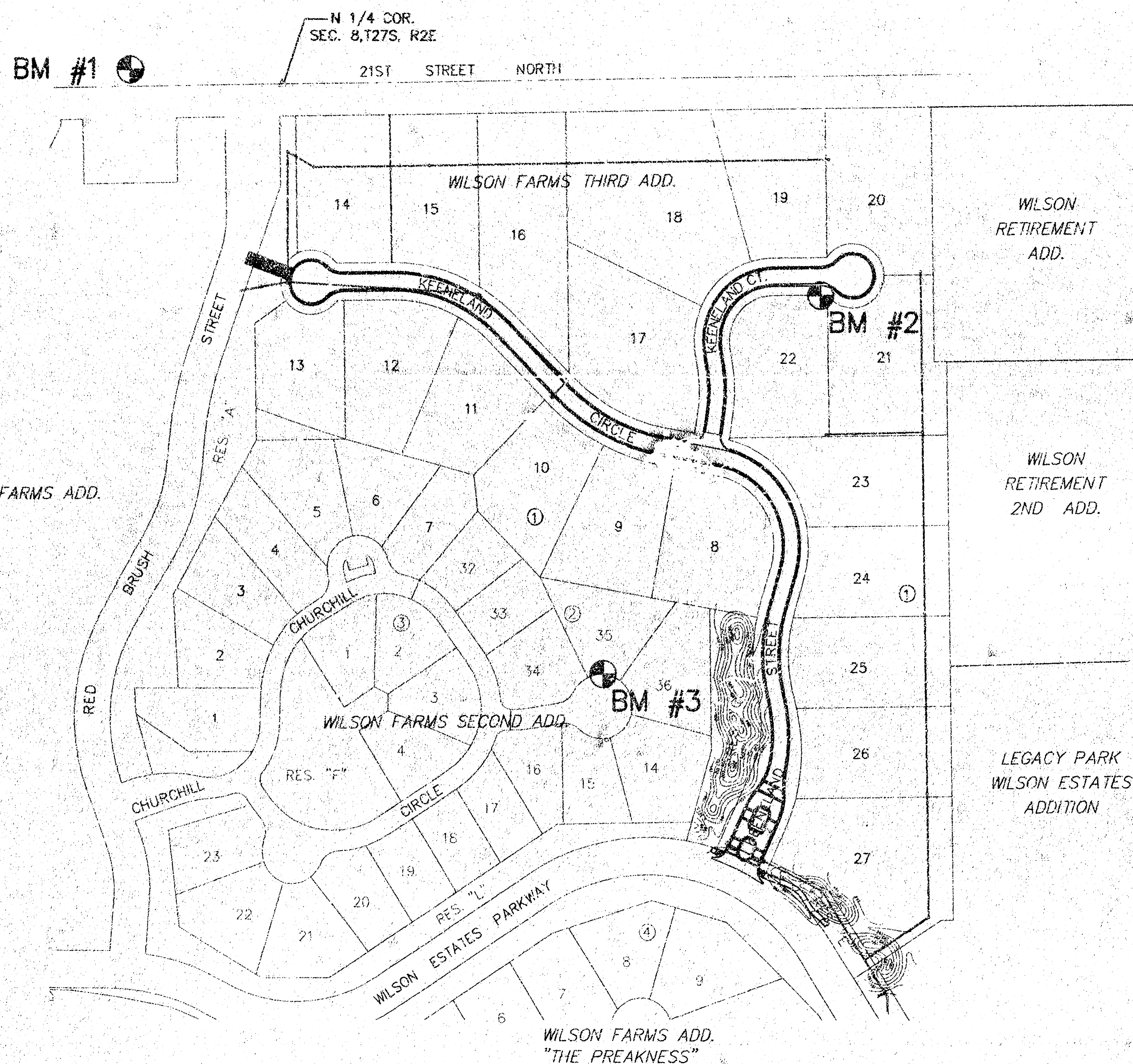
PROJECT NO. 133-PP P

MICHAEL E. LINDEBAK, CITY ENGINEER

OCA 607879



LOCATION MAP



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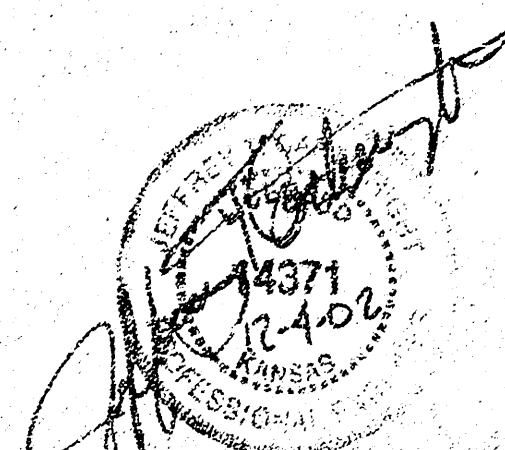
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AS-BUILT 4-DEC-02

WILSON FARMS THIRD ADDITION
PROJECT NAME

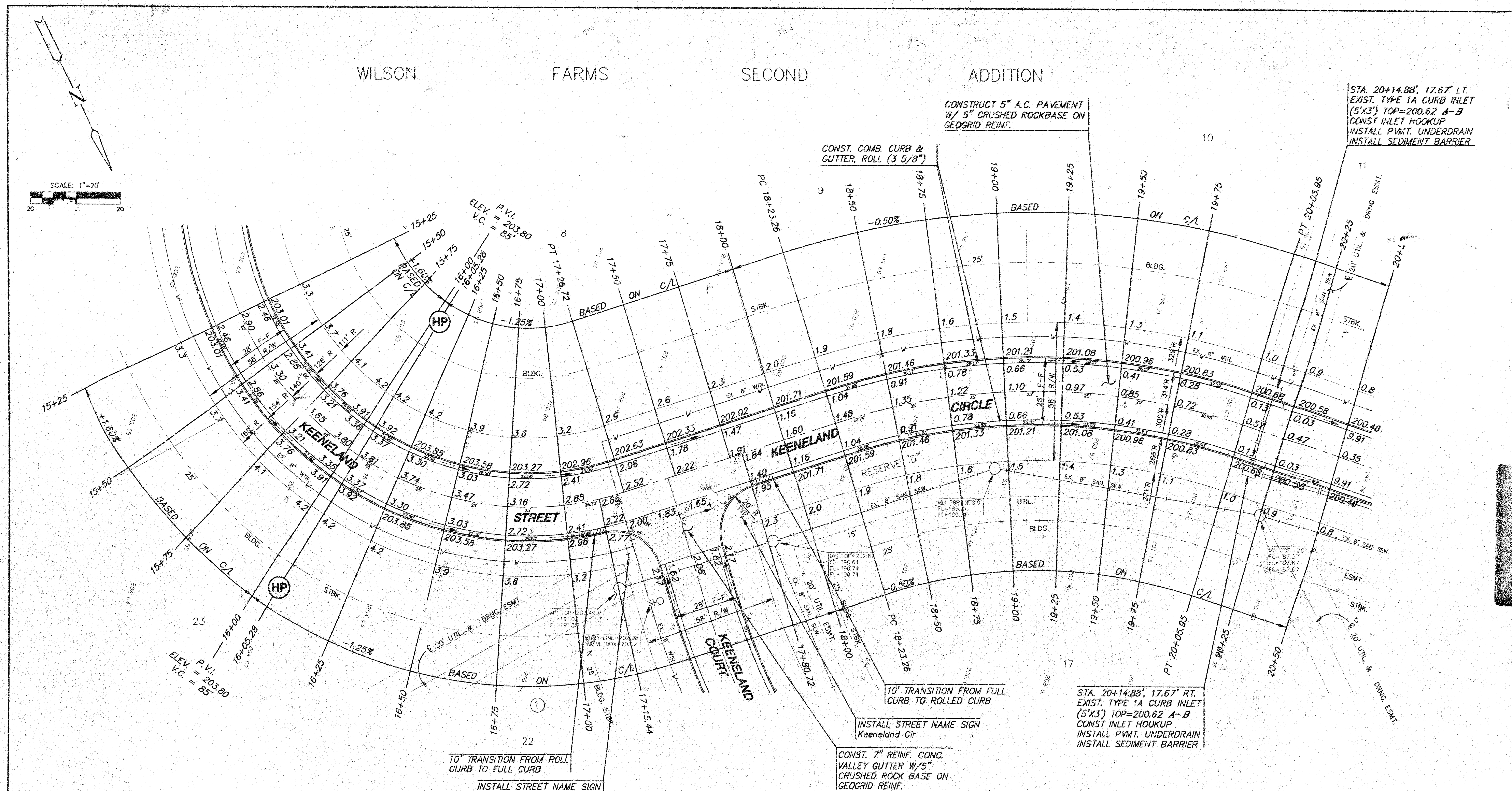
PAVING PLANS
SHEET TITLE

MKEC
ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS 67206
316-964-9600

DESIGN BY: **DFL**
DATE: **APRIL 2002**

DRAWN BY: **DM**
DRAWING NAME: **01202_ET**

CHECKED BY: **GJA**
SHEET OF: **1 / 22**



CURVE TABLE

$\Delta = 97^{\circ}15'35''$ $R = 140.00'$ $T = 158.97'$ $L = 237.65'$ $LC = 210.13'$

CURVE DATA BASED ON CENTERLINE $\Delta/2 = 48^{\circ}37'47''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		14' OFF LCB	14' OFF RCB		
14+89.07	-	-	-	00°00'00"	00°00'00"
15+00.00	19.93'	9.13'	12.72'	02°14'12"	02°14'12"
15+25.00	25.00'	20.87'	29.07'	05°06'57"	07°21'09"
15+50.00	25.00'	20.87'	29.07'	05°06'57"	12°28'05"
15+75.00	25.00'	20.87'	29.07'	05°06'57"	17°35'01"
16+00.00	25.00'	20.87'	29.07'	05°06'57"	22°41'58"
16+25.00	25.00'	20.87'	29.07'	05°06'57"	27°48'54"
16+50.00	25.00'	20.87'	29.07'	05°06'57"	32°55'51"
16+75.00	25.00'	20.87'	29.07'	05°06'57"	38°02'47"
17+00.00	25.00'	20.87'	29.07'	05°06'57"	43°09'44"
17+25.00	25.00'	20.87'	29.07'	05°06'57"	48°16'40"
17+50.00	25.00'	20.87'	29.07'	05°06'57"	53°23'37"

Def/Ft = 12.27767 Min.

CURVE TABLE

$\Delta = 34^{\circ}53'23''$ $R = 300.00'$ $T = 94.27'$ $L = 182.68'$ $LC = 179.87'$

CURVE DATA BASED ON CENTERLINE $\Delta/2 = 17^{\circ}26'42''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		14' OFF LCB	14' OFF RCB		
18+23.26	-	-	-	00°00'00"	00°00'00"
18+50.00	26.74'	29.23'	24.24'	02°33'13"	02°33'13"
18+75.00	25.00'	27.33'	22.66'	02°33'14"	04°56'27"
19+00.00	25.00'	27.33'	22.66'	02°33'14"	07°19'41"
19+25.00	25.00'	27.33'	22.66'	02°33'14"	09°42'55"
19+50.00	25.00'	27.33'	22.66'	02°33'14"	12°06'10"
19+75.00	25.00'	27.33'	22.66'	02°33'14"	14°29'24"
20+00.00	25.00'	27.33'	22.66'	02°33'14"	16°52'38"
20+05.94	5.94'	6.50'	5.39'	00°34'03"	17°26'41"

Def/Ft = 5.72958 Min.

NOTE:
TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB. CONSTRUCT COMBINED CURB & GUTTER, ROLLED (3 5/8").

LEGEND
 SIDEWALK REMOVAL
 TREE REMOVAL
 + STREET SIGN & SIGN LOCATION (SEE SIGN ASSEMBLY TABLE FOR TYPE & STATION OF SIGN)

AS-BUILT 4-DEC-02

133 PPP

WILSON FARMS THIRD ADDITION
PROJECT NAME

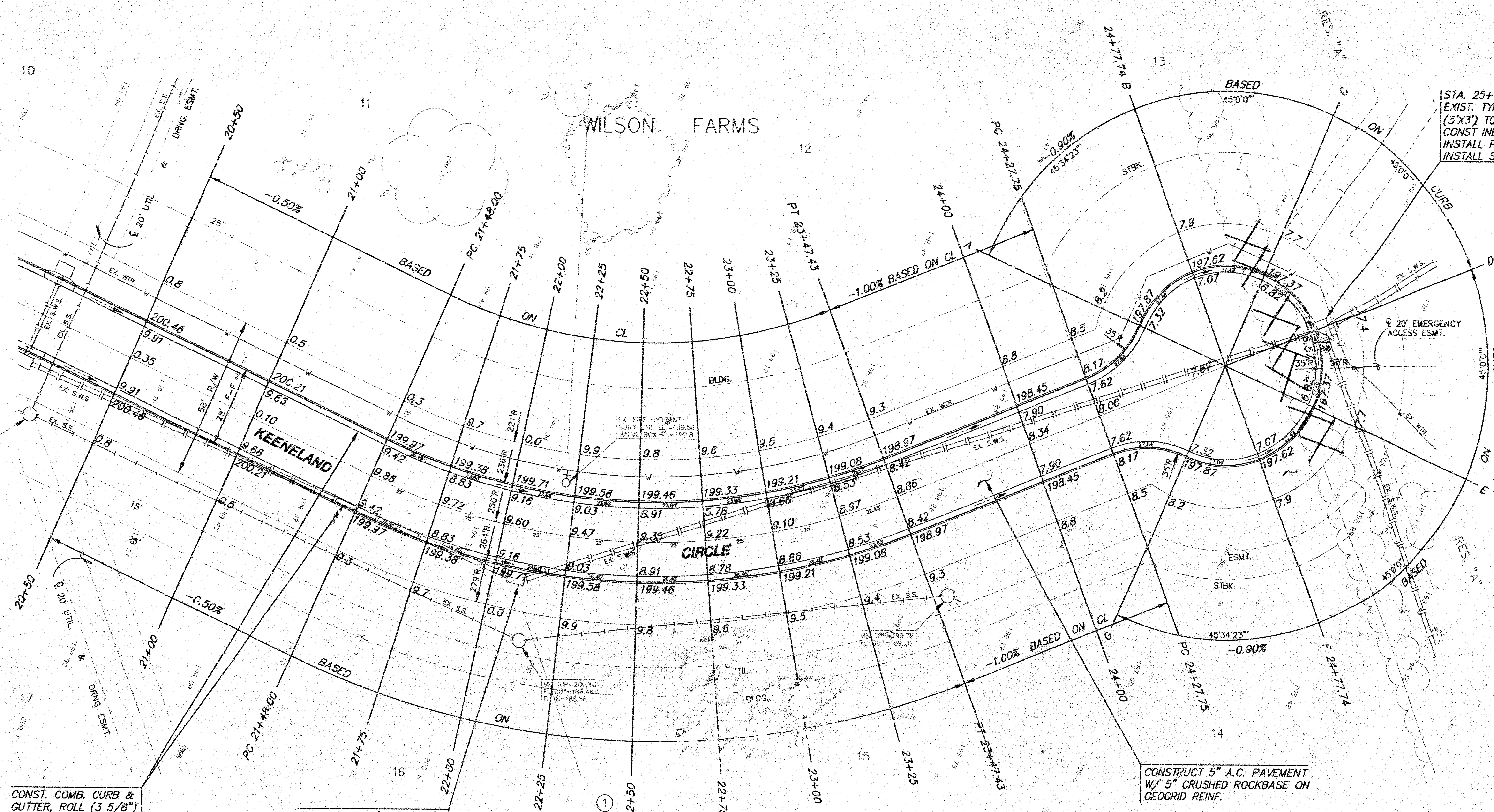
KEENELAND STREET/KEENELAND CIRCLE
SHEET TITLE

MKEC ENGINEERING CONSULTANTS
411 N. WOOD ROAD
WICHITA, KS. 67206
316-884-0000

DESIGN BY: DFL	DRAWN BY: DM	CHECKED BY: GJA
DATE: APRIL 2002	JOB NO.: 01202E1	SHEET NO.: 8 / 22



MAN TOP=231.20
FL=197.57
FL IN=197.57 (NWS)
FL IN=199.67 (SE)



CONST. COMB. CURB & GUTTER, ROLL (3 5/8")

STA. 22+08.07, 17.59 RT.
EXIST. TYPE 1A CURB INLET
(5'X3') TOP=199.67 A-B
CONST. INLET HOOKUP
INSTALL PYMT. UNDERDRAIN
INSTALL SEDIMENT BARRIER

WILSON FARMS SECOND ADDITION

CONSTRUCT 5" A.C. PAVEMENT
W/ 5" CRUSHED ROCKBASE ON
GEOTRID REINF.

STA. 25+15.87
EXIST. TYPE 1A CURB INLET
(5'X3') TOP=197.12 A-B
CONST. INLET HOOKUP
INSTALL PYMT. UNDERDRAIN
INSTALL SEDIMENT BARRIER

CURVE TABLE

$\Delta = 45^{\circ}42'22''$ $R = 250.00'$ $T = 105.36'$ $L = 199.43'$ $LC = 194.18'$					
CURVE DATA BASED ON CENTERLINE $\Delta/2 = 22^{\circ}51'11''$					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		14' OFF LICb	14' OFF RTcb		
21+48.00	—	—	—	00°00'00"	00°00'00"
21+75.00	27.00'	23.96'	30.01'	03°05'36"	03°05'36"
22+00.00	25.00'	22.19'	27.79'	02°51'53"	05°57'32"
22+25.00	25.00'	22.19'	27.79'	02°51'53"	08°49'25"
22+50.00	25.00'	22.19'	27.79'	02°51'53"	11°41'18"
22+75.00	25.00'	22.19'	27.79'	02°51'53"	14°33'11"
23+00.00	25.00'	22.19'	27.79'	02°51'53"	17°25'05"
23+25.00	25.00'	22.19'	27.79'	02°51'53"	20°16'58"
23+47.43	22.43'	19.91'	24.93'	02°34'13"	22°51'11"

Def/F₂ = 6.87549 Min.

SUBDIVISION BENCH MARKS

NO.	STREET AND STATION	FROM CL	DESCRIPTION	ELEVATIONS
1	KEENELAND CT STA. 10+34.00	14.5' RT	NORTHEAST END OF RETURN AT KEENELAND & KEENELAND CT.	

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.

NOTE:

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LEGEND

- SIDEWALK REMOVAL
- TREE REMOVAL
- STREET SIGN & SIGN LOCATION (SEE SIGN ASSEMBLY TABLE FOR TYPE & STATION OF SIGN)

AS-BUILT 4-DEC-02

133 PPP



WILSON FARMS THIRD ADDITION

PROJECT NAME

KEENELAND CIRCLE

SHEET TITLE

DESIGN BY:

DRAWN BY:

CHECKED BY:

APRIL 2002

101202E3

9 / 22

DATE

JOB NO.

SHEET/OF