STORM WATER SEWER PLANS FOR

WILSON FARMS ADDITION

AN ADDITION TO THE CITY OF WICHITA
SEDGWICK COUNTY, KANSAS

STORM WATER DRAIN #131
PROJECT NO. 468-82740

MICHAEL E. LINDEBAK, CITY ENGINEER

INDEX CODE 751065

GENERAL NOTES

1. 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.

2. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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.

4. TREES TO BE REMOVED ARE MARKED ⨯ . ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.

5. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.

6. 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 COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

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

   KANSAS ONE-CALL 687-2470
   OR 687-2470 (LOCAL WICHITA)

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

CABLEVISION	263-2061
KG&E (GAS & ELECTRIC)	383-8600
SOUTHWESTERN BELL TELEPHONE COMPANY	1-800-734-7590
CITY OF WICHITA WATER & SEWER MAINT.	268-4908
ARKLA GAS COMPANY	946-0096

8. 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.

9. CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITH ANNUAL RYE GRASS VARIETY "PENNIFINE" AT A RATE OF 250LBS./ACRE. FERTILIZER SHALL ALSO BE APPLIED AT A RATE OF 750LBS./ACRE.

10. THE CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH THE CITY OF WICHITA ENGINEER AND OWNER'S REPRESENTATIVE. TREES MARKED WITH ORANGE RIBBON SHALL NOT BE REMOVED OR HARMED IN ANY WAY.

11. EQUIPMENT AND CONSTRUCTION MATERIALS SHALL REMAIN OUT OF AND AWAY FROM TREE DRIPLINES SO AS TO NOT COMPACT THE ROOT ZONE OR DAMAGE THE TREE.

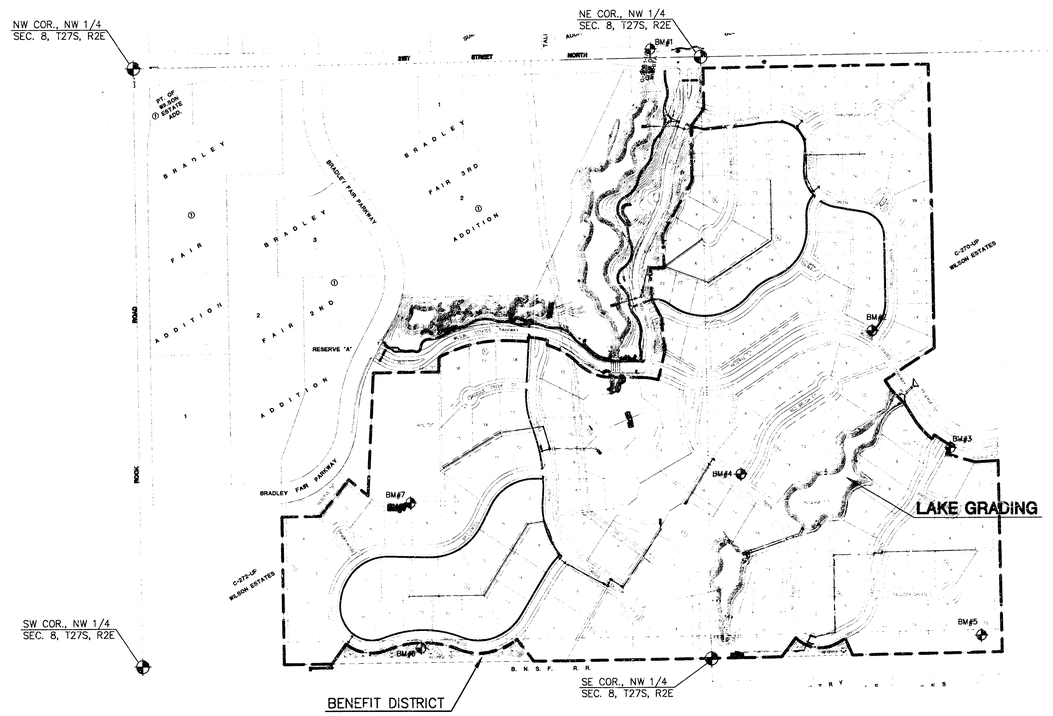
12. ANY TREE THAT MUST HAVE BRANCHES REMOVED SHALL BE TRIMMED WITH A SHARP INSTRUMENT/TOOL THAT IS INTENDED FOR SUCH OPERATIONS. KNOCKING BRANCHES OFF WITH A BACKHOE OR OTHER SIMILAR MACHINES IS NOT ACCEPTABLE! REFER TO DETAIL ON SHEET 3 FOR TRIMMING PROCEDURE.

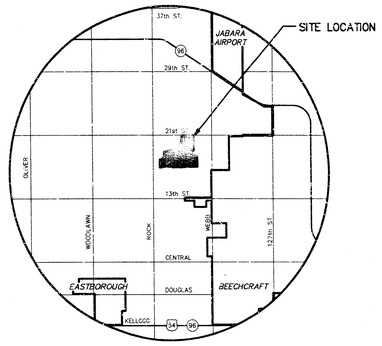
13. THE CONTRACTOR SHALL GRADE LAKES FIRST. OTHER CONSTRUCTION MAY BE UNDER WAY SIMULTANEOUSLY. THE CONTRACTOR SHALL COORDINATE WITH ANY CONTRACTORS CONSTRUCTING OTHER PHASES.

14. ALL TOPSOIL SHALL BE STRIPPED IN AREAS OF CUT/FILL AND STOCKPILED IN AN AREA APPROVED BY THE OWNER.
   OWNER CONTACT: ROB RAMSEYER
   PH# 684-7300

15. A 6" LAYER OF TOPSOIL IS TO BE PLACED OVER ALL AREAS WHERE THE VIRGIN GRADE NO LONGER EXISTS WITH THE EXCEPTION OF THE GRADES BELOW THE WATER SURFACE IN LAKES. THIS INCLUDES BERMS AND SLOPES. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE 6" LAYER OF TOPSOIL HAS BEEN PLACED.

16. COST OF CLAY LINER IN LAKES SHALL BE SUBSIDIARY TO EARTHWORK BID.





LOCATION MAP

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GRADING PLAN
3	TREE PRESERVATION/ PROTECTION DETAILS
4	EARTHWORK PLAN & QUANTITIES
5-6	FINAL PLAT

BENCHMARKS

BM#1 C.O.W. BENCHMARK
1/2 MILE EAST OF ROCK ROAD ON 21ST ST.
C.O.W. BENCH MARK. N.E. COR. HUBGUARD ON R.C.B.C.
ELEV. = 190.005 (PUBLISHED ELEV. = 190.04)

BM#2 TOP OF "T" POST ± 7' NORTH OF THE SE. CORNER RESERVE "L" (SCUTH OF LOT 15, BLK. 5).
ELEV. = 195.00

BM#3 TOP OF "T" POST ± 7' SOUTH OF THE NW. CORNER OF RESERVE "V" (NORTH OF LOT1, BLOCK 9)
ELEV. = 192.14

BM#4 TOP OF "T" POST ± 7' NORTH OF THE SOUTH CORNER OF LOT 3, BLK. 4.
ELEV. = 186.42

BM#5 R.R. SPIKE IN THE NORTH FACE OF THE NORTH P.P. ON LOT 10, BLK. 9.
ELEV. = 200.655

BM#6 R.R. SPIKE IN THE NORTH FACE OF THE NORTH P.P. ON RESERVE "A" SOUTH OF LOT 13, BLK. 2.
ELEV. = 200.31

BM#7 TOP OF "T" POST ± 5' SOUTH AND ± 5 WEST OF THE NE. CORNER OF LOT 7, BLK. 2.
ELEV. = 188.68

Booked 8-28-98 MLG D-401

N

SCALE: 1"=300'
0 300 600

GREGORY J. ALLISON
LICENSED
No. 11733
12-31-97
STATE OF KANSAS
PROFESSIONAL ENGINEER

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

WILSON FARMS ADDITION
PROJECT NAME

STORM WATER DRAIN #131
SHEET TITLE

GJA	KKL	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
DECEMBER 1997	86186_DT	1 / 6
DATE	JOB NO.	SHEET/OF

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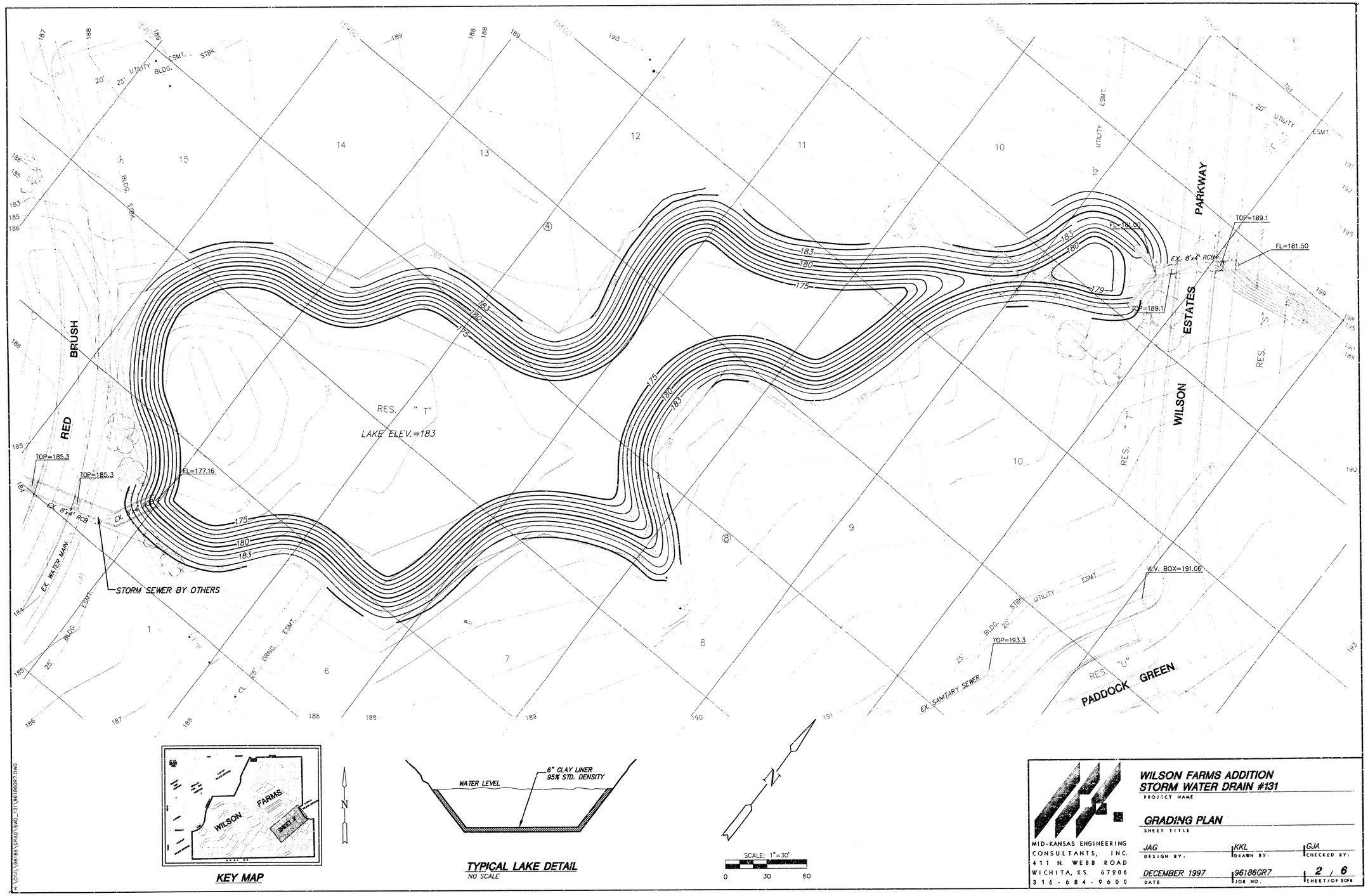

KEY MAP

TYPICAL LAKE DETAIL
NO SCALE

SCALE: 1"=30'
0 30 60

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

WILSON FARMS ADDITION
STORM WATER DRAIN #131
PROJECT NAME

GRADING PLAN
SHEET TITLE

JAG	KKL	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
DECEMBER 1997	96186GR7	2 / 6
DATE	JOB NO.	SHEET/OF SETS

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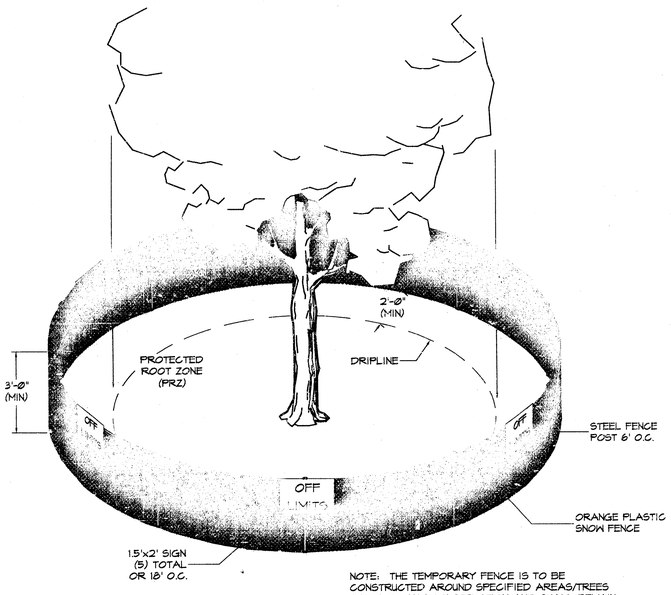
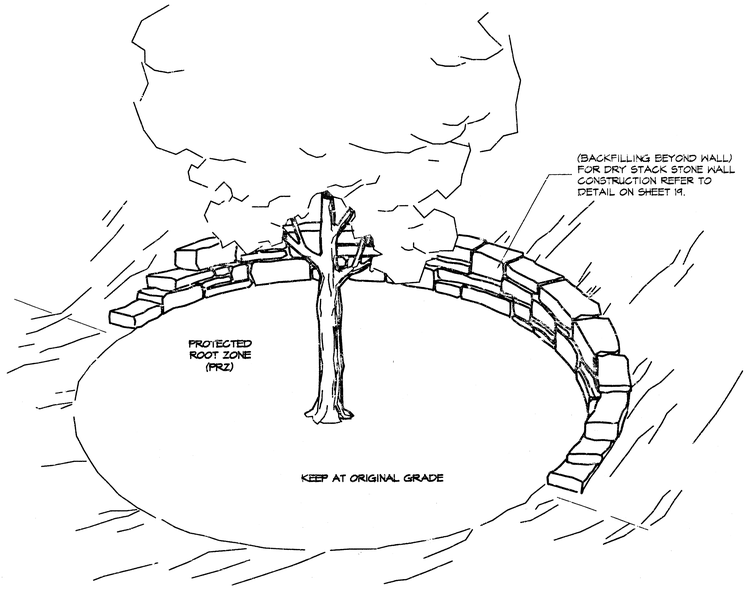


NOTE: THE TEMPORARY FENCE IS TO BE CONSTRUCTED AROUND SPECIFIED AREAS/TREES PRIOR TO ANY CONSTRUCTION AND SHALL REMAIN UNTIL ALL CONSTRUCTION IS COMPLETE. CONSTRUCTION EQUIPMENT AND MATERIALS ARE NOT PERMITTED WITHIN THE (PRZ). THE FENCE PLACEMENT AROUND THE (PRZ) MAY ONLY BE ADJUSTED WITH PERMISSION FROM THE OWNER'S REPRESENTATIVE.

TEMPORARY TREE PROTECTION DETAIL

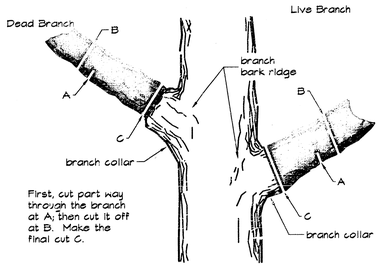
NOT TO SCALE



NOTE: NO GRADING SHALL BE DONE WITHIN THE PRZ OF ANY TREE UNLESS SHOWN DIFFERENTLY ON THE PLANS OR WITHOUT THE CONSENT OF THE OWNER'S REPRESENTATIVE. USE DRY STACK STONE WALLS TO RETAIN AS MUCH OF THE ORIGINAL GRADE AS POSSIBLE. THE PRZ (PROTECTED ROOT ZONE) WILL BE DETERMINED BY MEASURING 2' BEYOND THE TREE/TREES DRIPLINE. IN INSTANCES WHERE GRADE CHANGES ALLOW NO OTHER ALTERNATIVE BUT TO GRADE WITHIN THE PRZ, AS MUCH ROOT SPACE AS POSSIBLE WILL BE DEMANDED. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL WORK AROUND THE PRZ.

DRY STACK STONE WALL TREE WELL DETAIL

NOT TO SCALE



TREE TRIMMING DETAIL

NOT TO SCALE

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

WILSON FARMS ADDITION
PROJECT NAME

TREE PRESERVATION/ PROTECTION DETAILS
SHEET TITLE

JAG	JAG	G.IA
DESIGN BY:	DRAWN BY:	CHECKED BY:
DECEMBER 1997	96186gr5	3 / 6
DATE	JOB NO.	SHEET/OF

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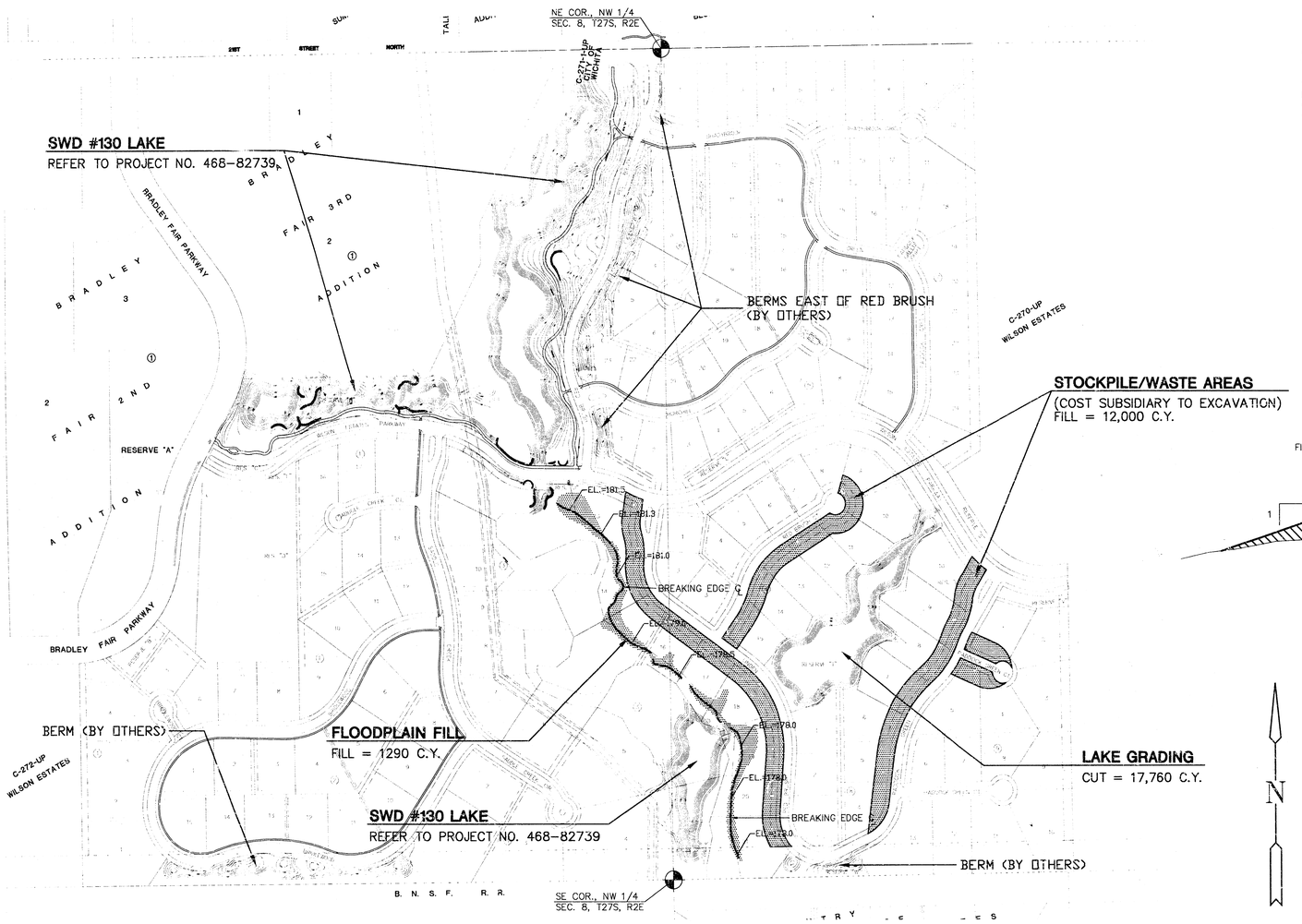


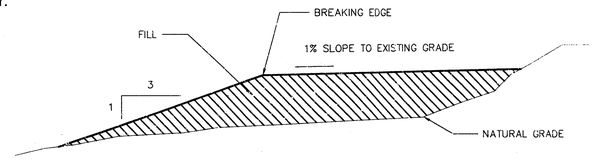
GENERAL NOTES

1. THE CONTRACTOR MAY COORDINATE WITH THE OWNER FOR LOCATING OFF-SITE WASTE ON A TRACT OF LAND ON THE NE CORNER OF 127TH ST. AND 13TH STREET (APPROX. 5,000 C.Y.). OWNER CONTACT: ROB RAMSEYER; PH# 684-7300

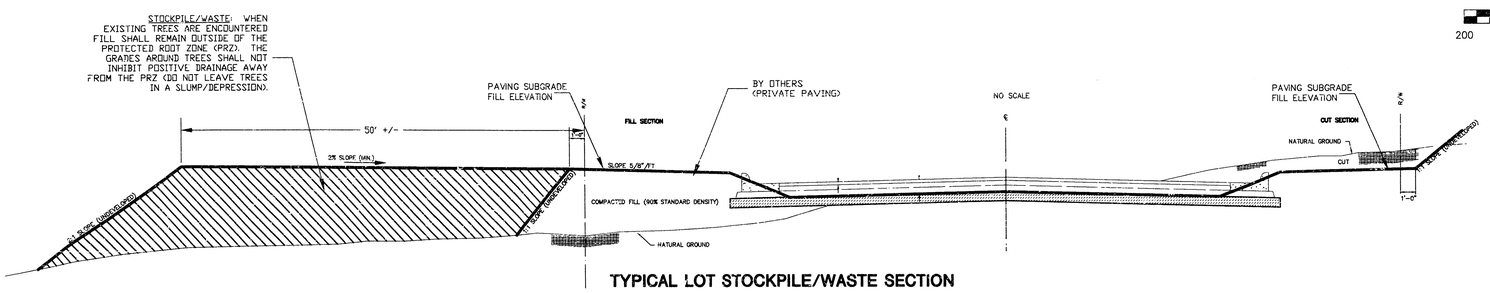
2. THE CONTRACTOR SHALL STOCKPILE ON SITE, APPROXIMATELY 50,000 C.Y. IN AN AREA APPROVED BY THE OWNER. OWNER CONTACT: ROB RAMSEYER; PH# 684-7300.

3. THE CONTRACTOR MAY WASTE EXCESS EXCAVATION ON EXISTING LOTS AS DESIGNATED ON THIS SHEET. COST IS SUBSIDIARY TO EXCAVATION. ESTIMATED AMOUNT OF LOT STOCKPILE/WASTE IS 15,000 C.Y. (FOR INFORMATION ONLY).

4. THE CONTRACTOR MAY OBTAIN PRIVATE PAVING PLANS FROM MKEC FOR THE DESIGNATED LOT FILL AREAS, IN ORDER TO VERIFY FINAL GRADE.



TYPICAL FLOODPLAIN FILL SECTION



TYPICAL LOT STOCKPILE/WASTE SECTION

WILSON FARMS ADDITION
PROJECT NAME

EARTHWORK PLAN AND QUANTITIES
SHEET TITLE

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

GJA	KKL/JAG	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
DECEMBER 1997	96186GR8	4 / 6
DATE	JOB NO.	SHEET/OF

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FINAL PLAT

WILSON FARMS ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

Lot	Block	Min. Pad Elev. (City Datum)	Min. Pad Elev. (USGS Datum)
4	3	180.9	1368.3
5	3	181.2	1368.6
8	3	182.2	1369.6
7	3	182.7	1370.1
5	3	183.1	1370.5
9	3	183.4	1370.8
10	3	184.0	1371.4
11	3	184.5	1371.9
12	3	185.3	1372.7
13	3	185.3	1372.7
14	3	184.0	1371.4
15	3	183.1	1370.5
16	3	182.3	1369.8
17	3	181.7	1369.1
18	3	181.7	1369.1
19	3	181.7	1369.1
20	3	181.3	1368.7
21	3	180.9	1368.3

LEGEND

• = I.P.

B.S. = BUILDING SETBACK

SEE SHEET 3/3 FOR RESERVE ISLAND DETAILS

MINIMUM PAD ELEV. = MINIMUM OPENING

Δ = 22°04'52"
R = 550.00'
L = 211.56'
CHD.= 210.65'
BRG.= N17°46'13"E

Δ = 79°00'30"
R = 380.00'
L = 524.00'
CHD.= 483.46'
BRG.= N45°14'02"E

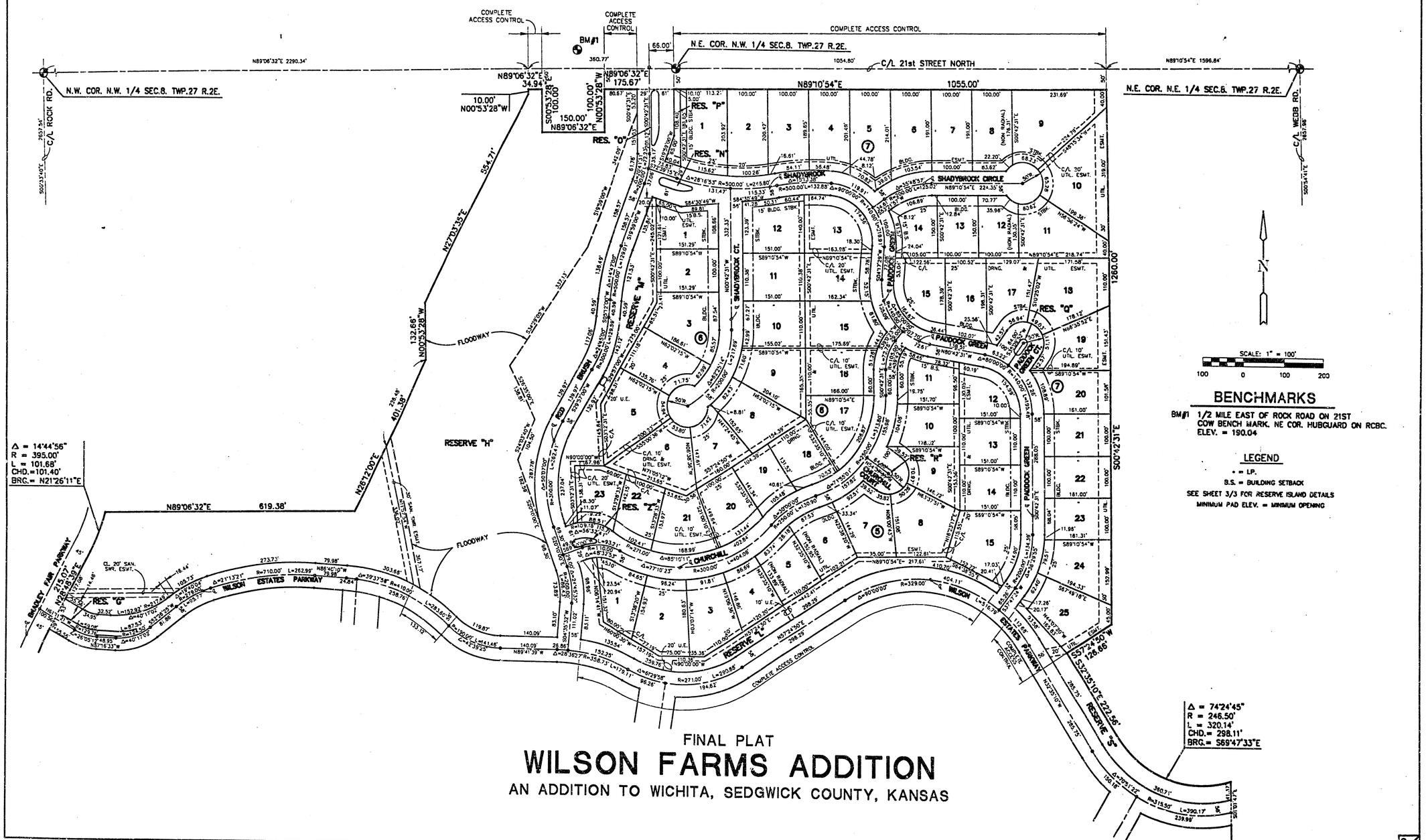
SCALE: 1" = 100'

S.W. COR. N.W. 1/4 SEC.8. TWP.27 R.2E.

S.W. COR. N.E. 1/4 SEC.8. TWP.27 R.2E.

S.E. COR. N.E. 1/4 SEC.8. TWP.27 R.2E.

PLEASE CONTACT WESTERN RESOURCES (OR ITS SUCCESSOR) ELECTRIC TRANSMISSION ENGINEERING DEPARTMENT (CURRENTLY 913-271-3013) BEFORE CONDUCTING ANY PROPOSED CONSTRUCTION ACTIVITIES THAT COULD PLACE PEOPLE, EQUIPMENT, OR FACILITIES WITHIN WESTERN RESOURCES' EASEMENT, SHOWN ON THIS PLAT, DESIGNATED AS BOOK 594, PAGE 596, DATED, JANUARY 12, 1957.



BENCHMARKS

BM#1 1/2 MILE EAST OF ROCK ROAD ON 21ST COW BENCH MARK. NE COR. HUBGUARD ON RCBC. ELEV. = 190.04

LEGEND

- • = I.P.
- B.S. = BUILDING SETBACK
- SEE SHEET 3/3 FOR RESERVE ISLAND DETAILS
- MINIMUM PAD ELEV. = MINIMUM OPENING

FINAL PLAT

WILSON FARMS ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

18-08-05 85