SANITARY SEWER PLANS

HAWTHORNE THIRD ADDITION PHASE 1

LATERAL 6, MAIN 13, FOUR MILE CREEK

PROJECT NO. 468-83871

O.C.A # 744090

CITY OF WICHITA, KANSAS

JIM ARMOUR, P.E., ACTING CITY ENGINEER

GENERAL NOTES

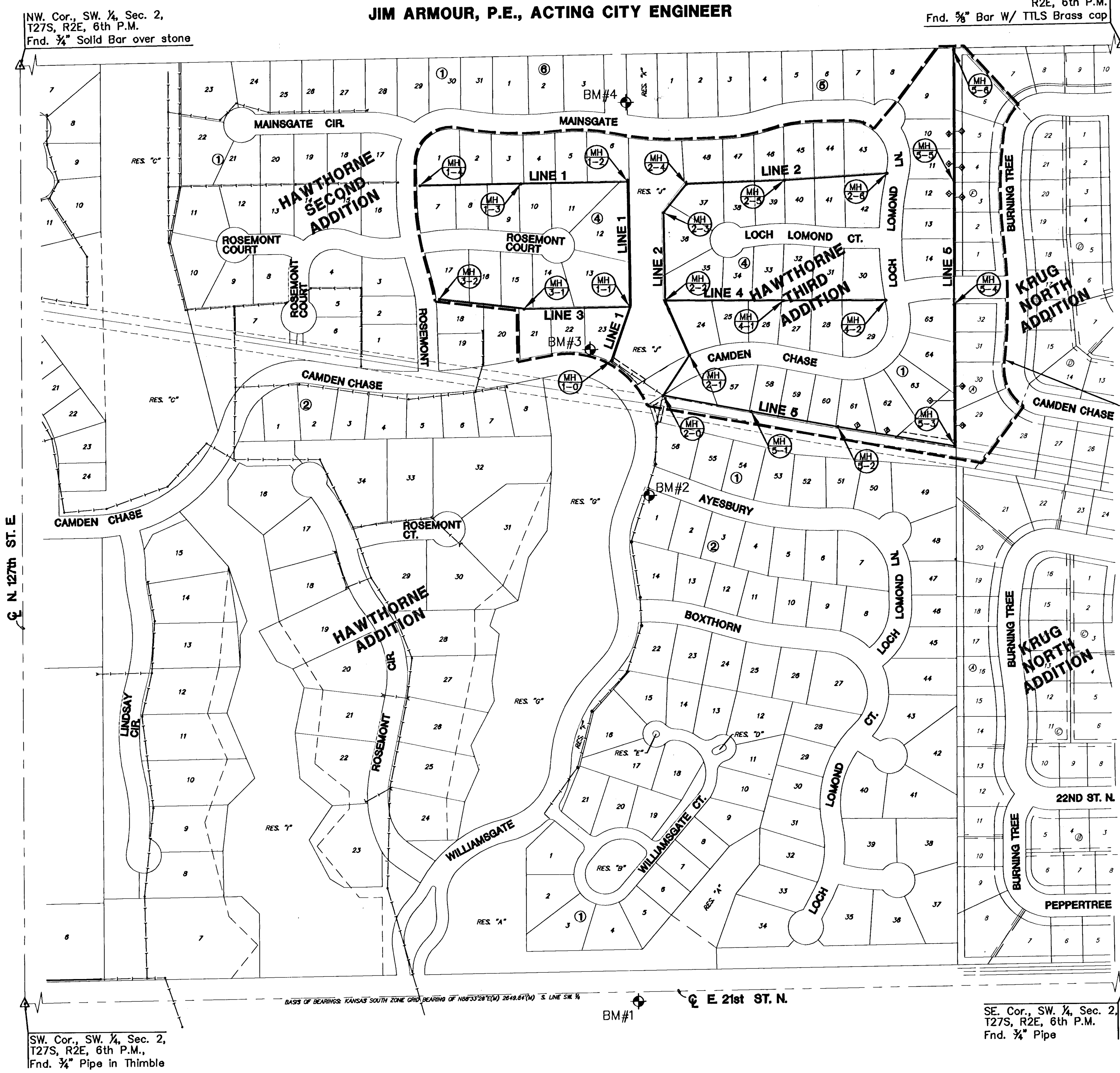
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE REESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
2. EXISTING 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.
3. 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:

SBC (TELEPHONE)	800-870-8390
COX COMMUNICATIONS (CABLE)	262-0661
WESTAR (ELECTRIC)	383-8600
KANSAS GAS SERVICE (GAS)	832-3101
CITY OF WICHITA WATER & SEWER MAINTENANCE	262-6000
KANEB PIPELINE	1-316-773-9000

4. 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.
5. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.
6. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDS SHALL BE CONSTRUCTED WITH A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
7. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
8. PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTION TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNUSABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE CONTRACTOR SHALL RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF RESHAPING EXISTING MANHOLE INVERTS IS INCIDENTAL TO THE PROJECT.
9. ALL EXISTING TREES ARE AN IMPORTANT ASSET TO THE DEVELOPER. NO TREE OF ANY SIZE SHALL BE REMOVED UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH MKEC.
10. EQUIPMENT AND CONSTRUCTION MATERIALS (INCLUDING VEHICLES) SHALL REMAIN OUT OF AND AWAY FROM TREE DRIPLINES (INCLUDING TREES WITHOUT PROTECTIVE FENCING) SO AS NOT TO COMPACT THE ROOT ZONE OR DAMAGE THE TREE. IF GRADING OCCURS OR CONFLICTS WITHIN THE PROTECTED FENCE AREA UNDER TREE DRIPLINES, REMOVE AS SMALL OF A PORTION OF FENCE AS NECESSARY IN ORDER TO ACCOMPLISH THE WORK. CONSULT WITH ENGINEER BEFORE INITIATING GRADING WORK IN THESE AREAS.
11. ANY TREE THAT MUST HAVE BRANCHES REMOVED SHALL BE TRIMMED WITH A SHARP INSTRUMENT/TOOL THAT IS INTENDED FOR SUCH OPERATIONS. GAIN APPROVAL FROM MKEC BEFORE REMOVING BRANCHES FROM ANY TREE. KNOCKING BRANCHES OFF WITH A BACKHOE OR OTHER SIMILAR MACHINES IS NOT ACCEPTABLE! SEE SHEET 3 FOR DETAILS.
12. ALL DISTURBED AREAS TO BE SEEDED WITH RYE GRASS AT A RATE OF 200LBS./ ACRE WITHIN 10 DAYS OF CONSTRUCTION.
13. EXCESS EXCAVATION MAY BE WASTED ON SITE IN APPROVED LOCATIONS.
14. CONTRACTOR SHALL MAINTAIN EROSION CONTROL THROUGHOUT CONSTRUCTION. COST SUBSIDIARY TO BID ITEM FOR BMP.
15. CONTRACTOR TO PRESERVE EXISTING LANDSCAPING. ANY LANDSCAPED AREAS DISTURBED DUE TO THE SPECIFIED WORK OR CONTRACTOR'S NEGLIGENCE SHALL BE REPLACED WITH MATERIAL OF THE SAME ATTRIBUTES AS EXISTING. COST SUBSIDIARY TO PROJECT.
16. CONTRACTOR TO INSTALL PLASTIC SEWER MANHOLE MARKERS. SEWER DEPARTMENT WILL PROVIDE THE MATERIALS. COST TO INSTALL MARKERS SUBSIDIARY TO MANHOLES.



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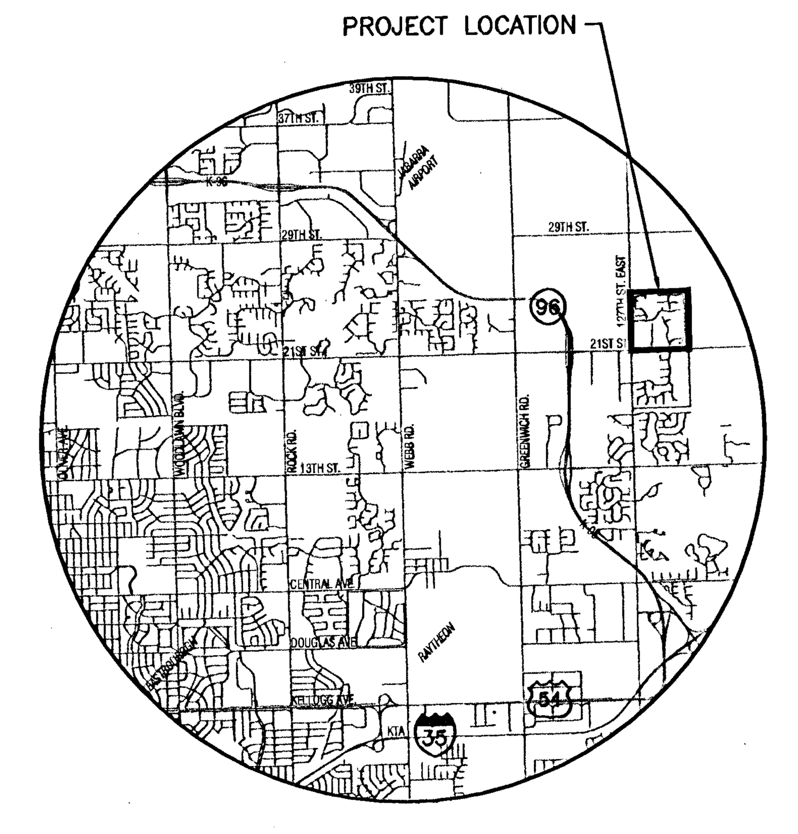
SCALE: 1" = 200'

Benefit District Boundary

Mies Construction, Inc. - Contractor
Eichacker, City. Inspector
Released 6/15/05
Per Plans
Risers + Stubs
.pdf by JDL 8/29/05



LOCATION MAP

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	MANHOLE DETAILS
4	RISER DETAILS
5	LINE 1
6	LINES 1 & 3
7	LINE 2
8	LINES 2 & 4
9-10	LINE 5
11-12	BMP DETAILS
13	FINAL PLAT

BENCHMARKS

BM #1	RR SPIKE IN FACE OF 1ST PP SOUTH OF 21ST ST., 218'± WEST AND 48'± SOUTH OF THE N ¼ COR. SECTION 11-27S-2E ELEV=1357.15
BM #2	"T" POST 33'± SOUTH AND 45'± EAST OF NW COR. LOT 1, BLOCK 2, HAWTHORNE 3RD ELEV=1364.24
BM #3	"T" POST 56'± N AND 17'± W. OF CUSP OF CURVE AT SOUTH END OF RESERVE "J" ON CAMDEN CHASE ELEV=1361.18
BM #4	"T" POST 5'± N. ANS 5'± E OF SW COR. OF RESERVE "K" AT NE CORNER OF WILLIAMSGATE AND MAINSGATE ELEV.=1353.39

GREGORY J. ALLISON LICENSED 11159 KANSAS PROFESSIONAL ENGINEER

Gregory J. Allison 10/13/04

MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD WICHITA, KS. 67206
316-684-9600

HAWTHORNE THIRD ADDITION - PHASE 1
PROJECT NAME

SANITARY SEWER PLANS
SHEET TITLE

DRK	MKEC	DRK
DESIGN BY:	DRAWN BY:	CHECKED BY:
OCTOBER 2004	02167	1 / 13
DATE	JOB NO.	SHEET/OF