# SANITARY SEWER PLANS - PHASE II
# LATERAL 84, MAIN 22, WAR INDUSTRIES SEWER
# BRIGHTON COURTS ADDITION
## PROJECT NO. 468-83673

**CITY OF WICHITA, KANSAS**
**JIM ARMOUR, P.E., CITY ENGINEER**

## OCA NO. 744186

## GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS.

2. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

   KANSAS ONE-CALL 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 |
| KANSAS GAS SERVICE (GAS) | 832-3101 |
| CITY OF WICHITA WATER & SEWER | 262-6000 |
| WESTAR (ELECTRIC) | 261-6512 |
| AQUILA (GAS) | 946-0096 |

3. 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.

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. 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.

6. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.

7. 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.

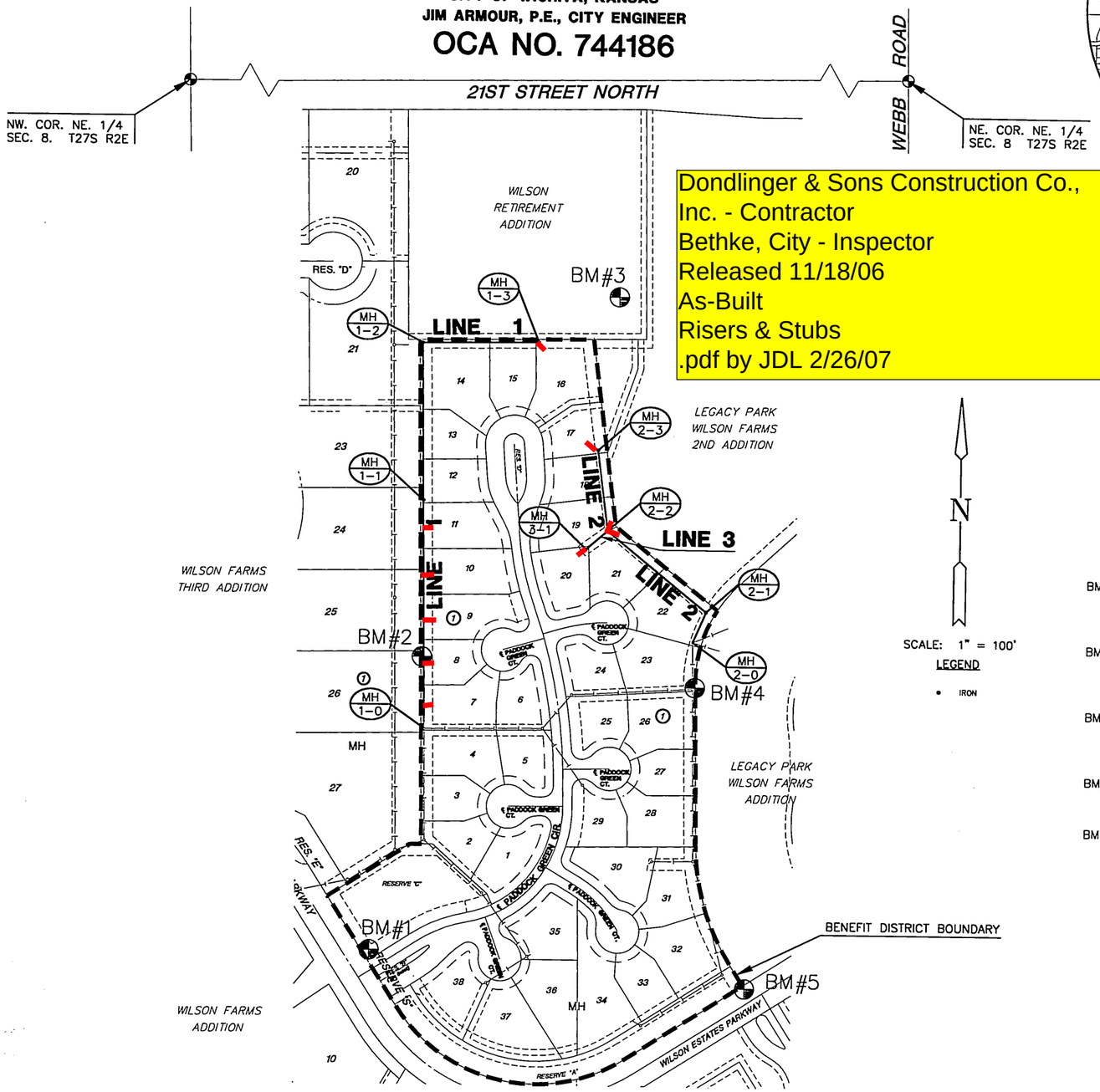
8. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.

9. CONNECTING TO EXISTING MANHOLES:
   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 BORE CUT INTO EXISTING MANHOLE WALL TO MAKE CONNECTION USING APPROVED WATER STOP GASKET, AND RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF CONNECTING TO EXISTING MANHOLES IS INCIDENTAL TO THE PROJECT.

10. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY AND EASEMENTS WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

11. ALL DISTURBED AREAS TO BE SEEDED WITH RYE GRASS AT A RATE OF 200 LBS. PER ACRE WITHIN 10 DAYS OF CONSTRUCTION. CONTRACTOR TO PREPARE GROUND PER CITY SPECIFICATIONS.

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 FOR TREE TRIMMING PROCEDURE.

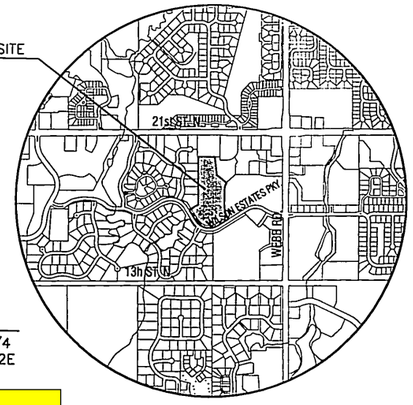



Dondlinger & Sons Construction Co., Inc. - Contractor
Bethke, City - Inspector
Released 11/18/06
As-Built
Risers & Stubs
.pdf by JDL 2/26/07

SCALE: 1" = 100'

LEGEND

• IRON




LOCATION MAP

## INDEX TO DRAWINGS


| SHEET NO. | DESCRIPTION |
|---|---|
| 1 | TITLE SHEET |
| 2 | MANHOLE DETAILS |
| 3 | VERTICAL RISERS |
| 4 | LINE 1 |
| 5 | LINE 2 & 3 |
| 6-7 | BMP DETAILS |
| 8 | BUBBLE MAP |
| 9 | FINAL PLAT |


## BENCHMARKS

BM#1- "□" CUT ON THE S END OF THE E HEADWALL OF RCB, 101' S & 20' E OF THE SOUTHERNMOST COR. COR. OF LOT 27, BLK 1, WILSON FARMS 3RD ADD. ELEV = 189.38

BM#2- RR SPIKE IN THE EAST FACE OF A 21" TREE IN THE HEDGEROW NEAR THE MID-POINT OF THE WEST LINE OF BRIGHTON COURTS ADDITION. ELEV = 200.85

BM#3- "□" CUT ON TOP OF E CURB OF DRIVE INTO ALTERRA RETIREMENT HOME, 72' N & 47' W OF THE SE COR. OF WILSON RETIREMENT ADDITION. ELEV = 204.12

BM#4- "□" CUT TOP OF RCB END SECTION AT SE COR. OF LOT 23, BLK 1, BRIGHTON COURTS ADDITION. ELEV = 197.07

BM#5- "□" CUT TOP OF CURB ON THE N SIDE OF WILSON ESTATES PARKWAY AT SE COR. OF BRIGHTON COURTS ADDITION. ELEV = 199.40

SCOTT A. MILLER 17287 KANSAS PROFESSIONAL ENGINEER
6/21/06


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


SANITARY SEWER PLANS
BRIGHTON COURTS ADDITION
PHASE II

TITLE SHEET
SHEET TITLE
468-83673
PROJECT NUMBER

SRS
DESIGN BY
KWS
DRAWN BY
GJA
CHECKED BY

ISSUED
JUNE 2006
REVISED

SHEET NO.
1 of 9

PLOTTED: Wednesday, June 21, 2006 @ 08:53AM
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