SANITARY SEWER PLANS TO SERVE LOT 1, BLOCK 1 OF

THE WATERFRONT FOURTH ADDITION

LATERAL 49, MAIN 24, WAR INDUSTRIES SEWER

PROJECT NO. 468-83919

CITY OF WICHITA, KANSAS

JIM ARMOUR P.E., CITY ENGINEER

OCA 744243

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 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
KANSAS GAS SERVICE (GAS)	832-3101
CITY OF WICHITA WATER & SEWER MAINT.	262-6000
WESTAR (ELECTRIC)	383-8600
AQUILA (GAS)	946-0096
STEVE PERSONS (HAWKER-BEECHCRAFT)	676-7488

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.

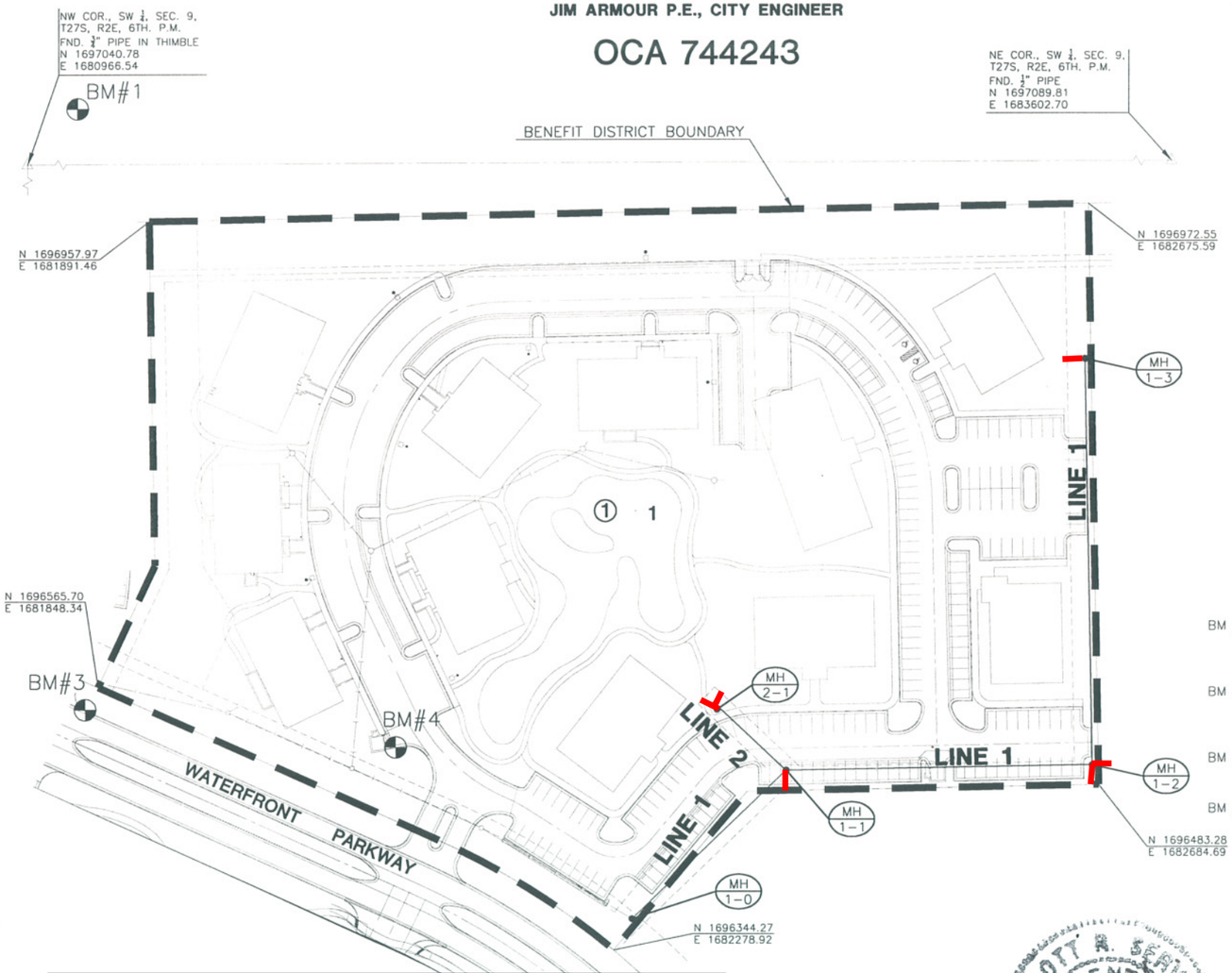
7. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDS SHALL BE CONSTRUCTED WITH A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.

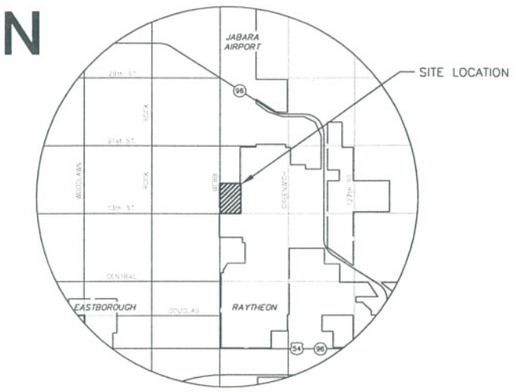
8. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.

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. ALL AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION AND SODDING OR SEEDING. SODDING AND/OR SEEDING SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS.

11. THE CONTRACTOR SHALL COORDINATE WITH THE DEVELOPER'S IRRIGATION CONTRACTOR FOR REQUIRED REPAIRS. CONTACT ANY VEACH AT LAWN SPRINKLER SERVICES (316) 303-1200. COST SHALL BE SUBSIDIARY TO OTHER ITEMS BID.





LOCATION MAP

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	MANHOLE DETAILS
3	LINE 1
4	LINES 1 & 2
5	BUBBLE MAP
6-10	BMP DETAILS
11	PLAT

BENCHMARKS

BM #1 "□" S.E. COR. HDWL 44' NORTH AND 42' EAST OF WEST 1/4 CORNER SEC. 9, T27S, R2E
ELEV. = 1380.13 NGVD (192.73 C.O.W.)

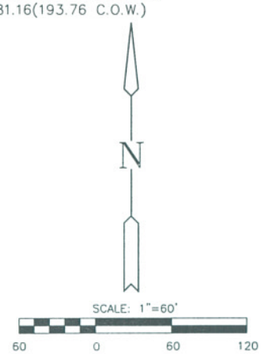
BM #2 BRASS DISC AT T.C. ON THE SOUTH SIDE OF WATERFRONT PARKWAY AT THE SECOND INLET EAST OF THE BRIDGE
ELEV. = 1375.01 (187.61 C.O.W.)

BM #3 "□" CUT ON T.C. AT THE S.E. COR. OF LOT 2, BLK 2
ELEV. = 1376.72 (189.32 C.O.W.)

BM #4 "□" CUT ON T.C. IN FRONT LOW POINT 42' +/- WEST OF PC ON THE SOUTH LINE OF LOT 1, BLOCK 1 WATERFRONT FOURTH ADDITION
ELEV.=1381.16(193.76 C.O.W.)

Dondlinger & Sons Construction Co., Inc. - Contractor
Jaso, City - Inspector
Released 11/17/07
As-Built
Stubs
.pdf by JDL 12/21/07

SCOTT R. SERVIS
LICENSED
17874
KANSAS
PROFESSIONAL ENGINEER
8/27/07



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

SANITARY SEWER PLANS FOR
WATERFRONT FOURTH ADD.

TITLE SHEET
SHEET TITLE

04026
PROJECT NUMBER

SRS / SKF / DFL
DESIGNED DRAWN CHECKED

ISSUED
AUGUST 2007
REVISED

SHEET NO.
1 of 11

PLOTTED: Monday, August 27, 2007 @ 11:09AM