WATER DISTRIBUTION SYSTEM

SERVING LOTS 5-9, BLOCK 2, MCCARTY 2ND ADDITION

PROJECT NO. 448 90396

O.C.A. NO. 735425

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE BASED ON MEAN SEA LEVEL DATUM(NGVD29)

2. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) 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:

COX COMMUNICATIONS	1-316-262-0661
AT&T	1-800-870-8390
KANSAS GAS SERVICE	1-800-482-4950
WESTAR ENERGY	1-316-383-8600
CITY OF WICHITA WATER & SEWER DEPARTMENT	1-316-268-4555

THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PIPELINES.

3. CONTRACTOR SHALL NOT CAUSE ANY INCONVENIENCE TO THE PUBLIC, ADJACENT PROPERTY OWNERS, PEDESTRIANS, ETC. DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL NOT DISRUPT ACCESS TO ADJACENT PROPERTIES AT ANY TIME DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION IF A DISCREPANCY OR INCONSISTENCY IS IDENTIFIED ON THE PLANS AND/OR SPECIFICATIONS.

5. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION AVAILABLE 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 ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WHICH ARE ENCOUNTERED ON THIS PROJECT. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES. ANY LINES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

6. THE CONTRACTOR SHALL CONTAIN HIS OPERATIONS TO PERMIT TRAFFIC THROUGH AND ACROSS CONSTRUCTION AT EXISTING ROADWAYS AT ALL TIMES. THE CONTRACTOR SHALL ERECT WARNING SIGNS, FLASHING LIGHTS, AND BARRICADES IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES TO ENSURE SAFETY AS DIRECTED IN THE GENERAL CONDITIONS. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.

7. ALL LAWN/TURF 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, SEEDING, MULCH, AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AR78 WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR 'SITE RESTORATION'.

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 SUITTABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

9. 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 PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVAL OF ENGINEERS CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHEOLOGICAL INVESTIGATIONS UNLES BURIED IN A PREVIOSLY APPROVED BORROW LOCATION.

10. OPENING AND CLOSING WATER VALVES SHALL BE DONE SLOWLY TO PREVENT DAMAGE TO THE WATER DISTRIBUTION SYSTEM FROM WATER HAMMER. ALL VALVES CLOSED BY THE CONTRACTOR MUST BE REOPENED AS NEW CONSTRUCTION PERMITS. PROJECT INSPECTOR MUST ASCERTAIN THAT ANY VALVE CLOSED BY THE CONTRACTOR IS REOPENED. CONTRACTOR WILL BE PERMITED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT.

11. CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.

12. 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.

OWNERSHIP OF DOCUMENTS

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ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS AND WE ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OF THEIR DEPICTED LOCATION ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, AND ALL OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS BY VERIFICATION OF THEIR LOCATION IN THE FIELD PRIOR TO THE INITIATION OF THE ACTUAL PORTION OF THEIR WORK.

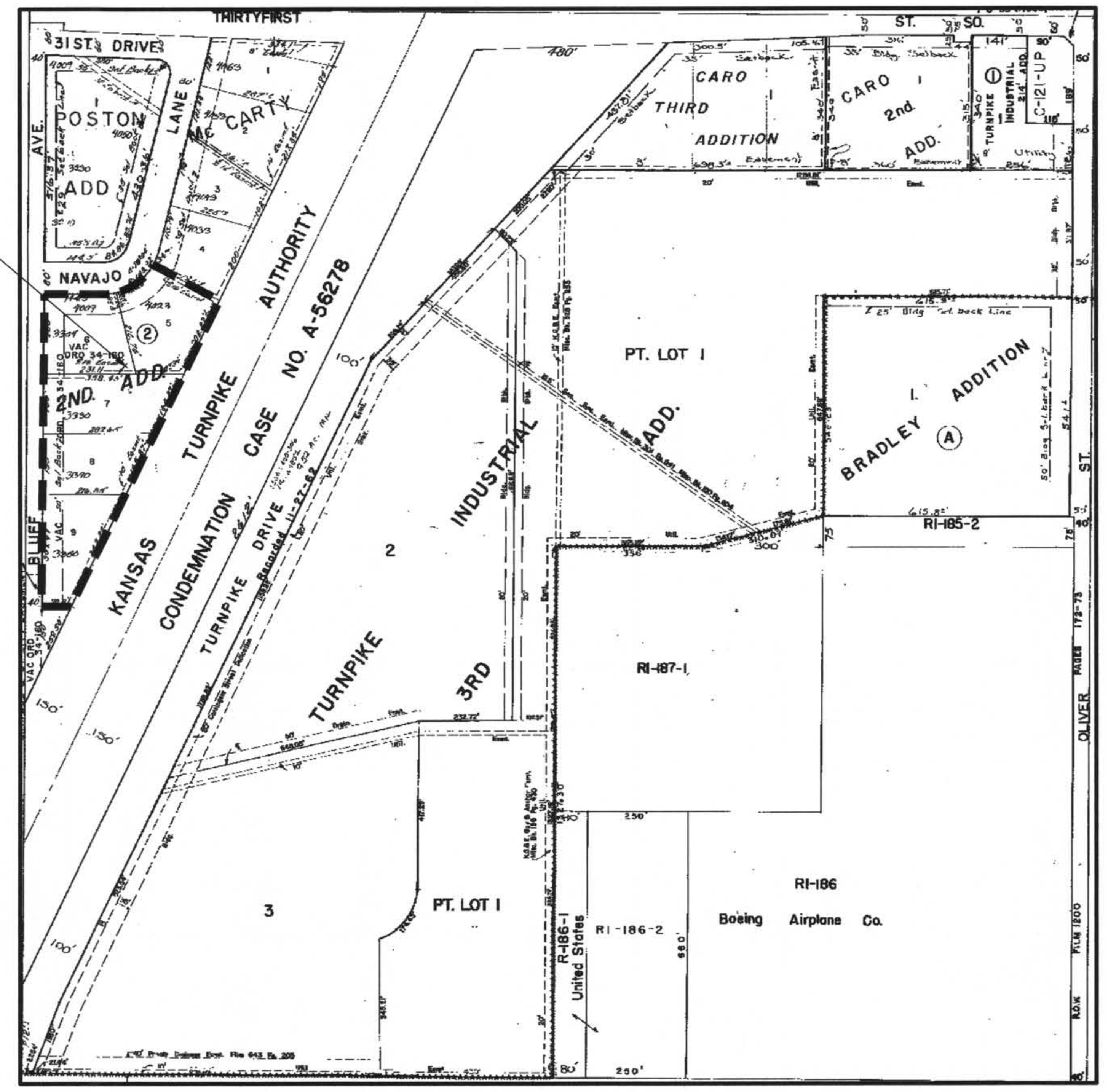
SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, OR NEAR THE CONSTRUCTION SITE.

DRAWING: G:\083012-00\ENG\DWG\COVER.DWG
LAYOUT: WL COVER SHEET , LAST SAVED: DA3004, 1/13/2009 11:27:18 AM
LAST PLOTTED BY: DOMINIC ANNUSCHAT, 1/13/2009 11:29:43 AM ("PLOTTED BY:" VALID ON HARD COPY ONLY)

BENEFIT DISTRICT



VICINITY MAP
1" = 300'

OWNER:

CITY OF WICHITA

BENCHMARK #1
CITY BENCHMARK ON TRAFFIC SIGNAL BASE NORTH SIDE 31ST ST, SOUTHWEST SIDE TURNPIKE DR
ELEV = 1352.83 (NGVD29)

BENCHMARK #2
CITY BENCHMARK ON NORTHWEST CORNER OF CORRAL OF BRIDGE ON 31ST ST OVER TURNPIKE NORTH SIDE OF 31ST ST
ELEV = 1362.80 (NGVD29)

SITE BENCHMARK #3
SQUARE CUT IN TOP OF CURB ON EAST SIDE OF BLUFF NORTHEAST OF NAIL & SHINER 10' E OF ℄ OF CULDESAC AT SOUTH END OF BLUFF
ELEV = 1341.53 (NGVD29)

SITE BENCHMARK #4
SQUARE CUT IN TOP OF CURB ON EAST SIDE OF BLUFF AT NORTHEAST CORNER AT BLUFF & NAVAJO
ELEV = 1345.20 (NGVD29)

KANSAS ONE-CALL:
UTILITIES SHOWN HEREON WERE LOCATED BY THE UTILITY COMPANIES OR THEIR AGENTS RELATING TO KANSAS ONE-CALL TICKET NUMBER 8392651 DATED OCTOBER 03, 2008.

SHEET INDEX

SHEET NO.	SHEET TITLE
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07	WATERLINE P&P SHEET 3
08	WATER ASSEMBLY DETAIL
09	EROSION CONTROL NOTES
10	EROSION CONTROL PLAN
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12	EROSION DETAILS 2
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14	EROSION DETAILS 4
15	EROSION DETAILS 5

ONE CALL KANSAS
KS: 1-800-344-7233
WICHITA: 316-687-2470

LEGEND

Symbol	Description
○	FOUND IRON PIN
●	SET IRON PIN
	EXISTING LIGHT POLE
	EXISTING POWER POLE
	PROPOSED POWER POLE
T	EXISTING TELEPHONE PEDESTAL
■	PROPOSED TELEPHONE PEDESTAL
⊠	EXISTING ELECTRIC PEDESTAL
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING FIRE HYDRANT ASSEMBLY
	PROPOSED FIRE HYDRANT ASSEMBLY
	EXISTING WATER METER
	PROPOSED WATER METER
	EXISTING MANHOLE
	PROPOSED MANHOLE
△	EXISTING GAS METER
▲	PROPOSED GAS METER
	EXISTING GRATED INLET
	PROPOSED GRATED INLET
	EXISTING DROP INLET
	PROPOSED DROP INLET
X-X	PROPOSED STORM SEWER INLET STRUCTURE NUMBER
	DOWN GUY
	EXISTING REINFORCED CONCRETE PIPE OR CORRUGATED METAL PIPE
	NEW REINFORCED CONCRETE PIPE OR CORRUGATED METAL PIPE
	EXISTING CURB
1206	EXISTING INTERMEDIATE CONTOUR
1205	EXISTING INDEX CONTOUR
1206	PROPOSED INTERMEDIATE CONTOUR
1205	PROPOSED INDEX CONTOUR
	PROPOSED CURB
SS	EXISTING SANITARY SEWER LINE
SS	PROPOSED SANITARY SEWER LINE
G	EXISTING GAS LINE
G	PROPOSED GAS LINE
W	EXISTING WATER LINE (SPECIFY SIZE & TYPE)
W	PROPOSED WATER LINE
UGT	EXISTING UNDERGROUND TELEPHONE
UGT	PROPOSED UNDERGROUND TELEPHONE
UGE	EXISTING UNDERGROUND ELECTRIC
UGE	PROPOSED UNDERGROUND ELECTRIC
FO	EXISTING FIBER OPTIC
OHE	EXISTING OVERHEAD ELECTRIC
OHE	PROPOSED OVERHEAD ELECTRIC
UGTV	EXISTING UNDERGROUND TELEVISION
UGTV	PROPOSED UNDERGROUND TELEVISION
OHTV	EXISTING OVERHEAD TELEVISION
OHTV	PROPOSED OVERHEAD TELEVISION
//	EXISTING WOOD FENCE
//	PROPOSED WOOD FENCE
X	EXISTING BARBED WIRE FENCE
X	PROPOSED BARBED WIRE FENCE
o	EXISTING CHAIN LINK FENCE
o	PROPOSED CHAIN LINK FENCE
	PROPERTY LINE
	BUILDING SET BACK
	EXISTING EASEMENT
	PROPOSED EASEMENT
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	EXISTING TREE
	TREE TO BE REMOVED

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CERTIFICATE OF AUTHORIZATION:
CA E-341 EXPIRES 12/31/2009

CITY OF WICHITA
WATERLINE

NAVAJO & BLUFF, 31ST S
Wichita, KS

Key Plan

No.	Description	Date

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PROJECT NO: 083012-00
ISSUE DATE: 01/13/09
CONTACT: J. MOHLER
CHECKED BY: JCM

ISSUED FOR CONSTRUCTION

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JASON C. MOHLER
LICENSED
18722
KANSAS
PROFESSIONAL ENGINEER
1/13/09

COVER SHEET

01