WATER LINE EXTENSION PLANS
TO SERVE
BRAUM'S ICE CREAM & DAIRY STORE
1261 SOUTH ROCK ROAD
WICHITA, KANSAS

PRIVATE PROJECT NO. 1568PPW & ~~1542PPW~~(607853)
CITY OF WICHITA
SEDGWICK COUNTY, KANSAS

BY CITY ENGINEER OF WICHITA &
BY WICHITA FIRE DEPARTMENT
APPROVED AS NOTED:

PUBLIC WORKS 2/2/11
WATER & SEWER 2/2-11
FIRE DEPT. 02-08-2011

NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER / DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

GENERAL NOTES

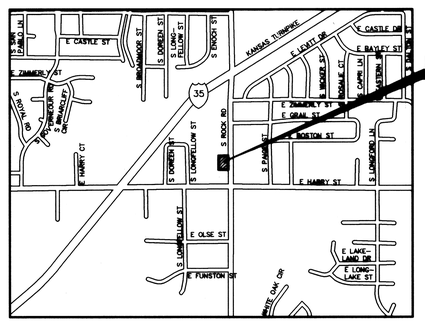
1. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES TO STARTING ANY EXCAVATION AS FOLLOWS.

   KANSAS ONE-CALL 1-800-344-7233

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY

KANSAS GAS SERVICE	1-316-832-3177
WESTAR ENERGY	1-316-261-6490
AT&T TELEPHONE COMPANY	1-316-268-2222
CITY OF WICHITA WATER DEPARTMENT	1-316-268-4555
CITY OF WICHITA SEWER MAINTENANCE	1-316-268-4341

2. ALL WATER MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA, KANSAS STANDARD SPECIFICATIONS FOR WATER MAIN INSTALLATION NO. 14533.
3. THE WATER MAIN SHALL BE CONSTRUCTED ON THE ALIGNMENT SHOWN ON THE PLANS: THE COST FOR ANY NECESSARY TREE TRIMMING, CLEARING AND/OR GRUBBING SHALL BE INCLUDED IN THE PRICE BID. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY 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 CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
4. 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 PERMITTED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT.
5. 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.
6. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. EXISTING UTILITIES AND THEIR LOCATION, 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 CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
7. 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.
8. 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.
9. SINCE THE WATER MAIN IS BEING INSTALLED ON PRIVATE PROPERTY, IT WILL BE THE OWNER'S RESPONSIBILITY FOR LOCATING AND STAKING THE WATER LINE. LEON D. OSBOURN, P.E., KAW VALLEY ENGINEERING, INC. 785-762-5040
10. THE MAINTENANCE AND REPAIR OF THE WATER FACILITIES ON SITE EXCEPT THOSE IN PUBLIC EASEMENTS ARE THE RESPONSIBILITY OF THE PROPERTY OWNER AFTER THE TWO YEAR MAINTENANCE PERIOD BY THE CONTRACTOR.
11. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING 72 HOURS NOTICE TO THE WATER DEPARTMENT'S SPECIAL SERVICE DIVISION BEFORE OBTAINING TAP ORDER FORM U1-306-R FROM THE OFFICE OF SPECIAL SERVICES DIVISION IN THE DEPARTMENT OF WATER AND WATER POLLUTION CONTROL, LOCATED ON THE EIGHTH FLOOR OF CITY HALL, FOR EACH NEW SERVICE LINE AND/OR TAP INSTALLED WITH THE PROJECT FIELD LOCATION OF NEW SERVICE LINES AND TAPS WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR IN CONFORMANCE WITH ADOPTED STANDARDS AND INFORMATION PROVIDED WITH THE PLANS. CONTRACTOR SHALL PROVIDE INFORMATION AS REQUIRED ON THE TAP ORDER FORM AND GIVE SUCH FORMS TO THE AREA ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
12. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION. THIS WILL INCLUDE ANY SEEDING NECESSARY.



LOCATION MAP
CITY OF WICHITA, KANSAS

PROJECT LOCATION

NOT TO SCALE

KEITH D. BEATTY
PROFESSIONAL ENGINEER

NOTE:
WATER LINE VALVES TO BE OPERATED BY CONTRACTOR ONLY IF WATER INSPECTOR IS ON SITE.

AS BUILTS

Contractor:	Project Inspector:
Ewertz Excavation	Larry Gann
3/29/2011	kemiller engineering

516 S. Market, Wichita, KS 67202 (316)264-0242

INDEX TO SHEETS:

1. TITLE SHEET
2. WATER LINE – PLAN & PROFILE
3. STANDARD WATER ASSEMBLY DETAILS
4.–7. SOIL EROSION BMP DETAILS

CAUTION – NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. **THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.**

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.

WARRANTY / DISCLAIMER
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER KAW VALLEY ENGINEERING, INC NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE KAW VALLEY ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

EXISTING TOPOGRAPHIC INFORMATION PROVIDED BY:
SAVOY COMPANY, P.A. AND BAUGHMAN COMPANY, P.A.

TOPOGRAPHIC INFORMATION NOT FIELD VERIFIED BY KAW VALLEY ENGINEERING.

BENCHMARKS: (PER SURVEY PROVIDED BY SAVOY COMPANY, P.A.)
BENCHMARK: SQUARE CUT ON TOP OF CURB 52.8' W. & 16.1' N.E. CORNER OF SUBJECT PROPERTY. ELEV=1332.00 NAVD 88

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	1-31-11	INITIAL ISSUE	KDB	JL	

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BRAUM'S ICE CREAM & DAIRY STORES
1261 S. ROCK ROAD
WICHITA, KANSAS

TITLE SHEET

PROJ. NO. A10_5014
DATE JAN 28, 2011
DESIGNER KDB
DRAWN BY JP/BJH/JL
CFN
REV
WATER&FIRE_5014TS
SHEET 1 OF 7
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THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE SPECIFIC PERMISSION OF KAW VALLEY ENGINEERING, INC.

KAW VALLEY ENGINEERING IS AUTHORIZED TO OFFER ENGINEERING SERVICES IN THE STATE OF KANSAS UNTIL DECEMBER 31, 2012 BY LICENSE NUMBER E-113