

# FACILITY IMPROVEMENTS

## New Elementary School

### CIRCLE UNIFIED SCHOOL DISTRICT U.S.D. NO. 375

## WICHITA, KANSAS

### WATER MAIN FIRE PROTECTION

### CITY OF WICHITA PRIVATE PROJECT NO. 1488PTW

### OCA NO. 607853

### JIM L. ARMOUR, P.E. - CITY ENGINEER

#### GENERAL NOTES:

- CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF TWENTY-FOUR (24) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:  

KANSAS ONE-CALL	687-2470
COX COMMUNICATIONS	262-4270
KANSAS GAS SERVICE	1-888-482-4950
WESTAR ENERGY	383-8650
AQUILA ENERGY	1-888-482-4950
SOUTHWESTERN BELL	268-2245
CITY OF WICHITA WATER DEPT.	268-4563
CITY OF WICHITA SEWER MAINT.	268-4024
CITY OF WICHITA STORM SEWER MAINT.	268-4090
CITY OF WICHITA TRAFFIC MAINT.	268-4034

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
- 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 OR 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 OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- 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 CITY'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- 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 REESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- THE CONTRACTOR SHALL ADJUST WATER VALVE BOXES AND FIRE HYDRANTS AS DIRECTED BY THE ENGINEER AT THE PRICE BID FOR SAID ADJUSTMENTS. THE WATER DEPARTMENT SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, WATER VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ALL WATER MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA, KANSAS STANDARD SPECIFICATIONS FOR WATER MAIN INSTALLATIONS NO. 14533.
- FOLLOWING CONSTRUCTION, ALL DISTURBED AREAS SHALL BE RE-GRADED AND RESTORED TO PRE-CONSTRUCTION GRADES. ANY EXCESS EARTH REMAINING FROM EXCAVATION SHALL BE WASTED ON-SITE AT A LOCATION TO BE DETERMINED BY THE ENGINEER.
- ALL EXISTING AND PROPOSED EROSION CONTROL MEASURES INCLUDING SILT FENCING, EROSION CONTROL MAT, STRAW BALES, INLET BARRIERS, AND CONST. ENTRANCE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH MAINTENANCE AND/OR REPLACEMENT OF EROSION CONTROL MEASURES AS DETERMINED BY THE ON-SITE ENGINEER UNTIL PROJECT IS ACCEPTED BY THE DISTRICT.
- OPENING AND CLOSING OF 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.
- CONTRACTOR SHALL COORDINATE WATER MAIN CONSTRUCTION WITH GREENWICH ROAD IMPROVEMENTS. INSTALLATION SHALL BE PRIOR TO COMMENCEMENT OF ROAD IMPROVEMENTS.
- TAPPING SLEEVE AND VALVE INSTALLATION SHALL BE PER CITY OF WICHITA STANDARD SPECIFICATIONS. CITY TO BE REIMBURSED FOR ALL ASSOCIATED COSTS WITH THEIR WORK. CONTRACTOR SHALL COORDINATE NOTIFICATION WITH CITY OF WICHITA & PROJECT INSPECTOR. THE CONTRACTOR SHALL NOT TAP THE EXISTING MAIN UNLESS AUTHORIZED IN WRITING BY THE WATER SEWER DEPARTMENT AND THE ENGINEER.

APPROVED AS NOTED  
 BY CITY ENGINEER OF WICHITA,  
 BY WICHITA WATER & SEWER DEPARTMENT,  
 & BY WICHITA FIRE DEPARTMENT

Water Mains (Pub Wks) *LJM 8/24/09*  
 Water Mains (W & S) *Edy 7/20/09 8/24/09*  
 Fire Prot. Line *WFD 8-20-09*

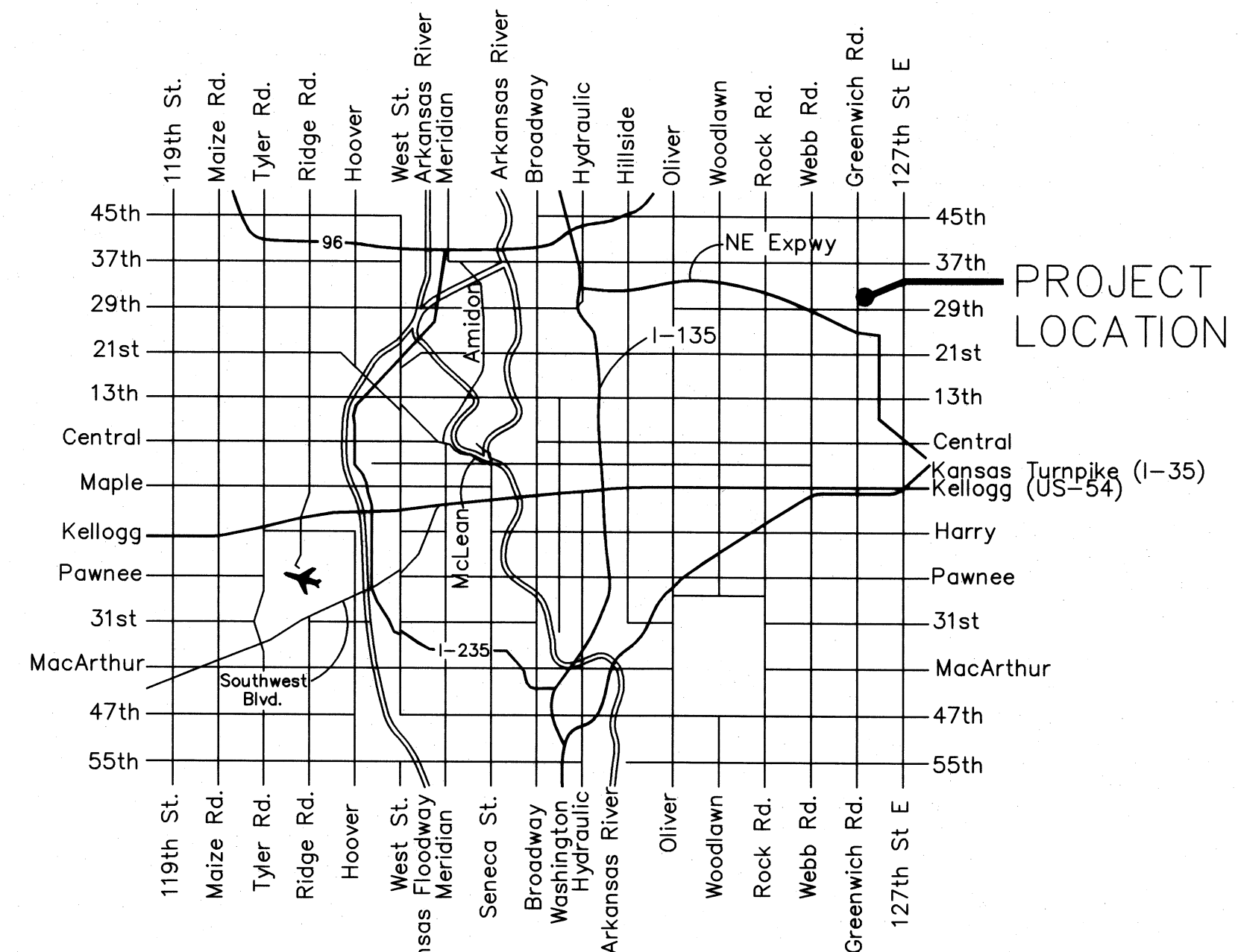
#### NOTE TO CONTRACTORS

**Public Property:**  
 Inspection and testing for the waterline 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 Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public right-of-way by the Contractor until such inspection is arranged for and required bonds have been submitted and approved by the City nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City or Wichita Specifications and Standards (on file and available in the City Engineer's Office).

**Private Property:**  
 Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by a licensed Engineering Firm under contract with the Owner/Developer and the Fire Department. The contractor shall not start work until the project inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.

Improvements performed under this project may not be accepted by the City of Wichita until all applicable documentation has been submitted to the City Engineer. This may include: record drawings, inspection logs, test documentation, tv tapes, and a certificate of completion. The above shall be performed by the Consulting Firm contracted to inspect this project.

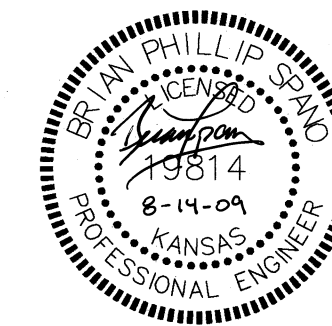
**GENERAL NOTE:**  
 PROVIDE ALL MATERIALS AND CONSTRUCTION PRACTICES IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS.



Vicinity Map

As Built Plans:

CONTRACTOR: McCullough Exc.  
 INSPECTOR: Larry Gann,  
 COMPANY: K E Miller Engineering  
 .PDF by: LGG, 11-19-09



FACILITY IMPROVEMENTS  
 CIRCLE UNIFIED SCHOOL DISTRICT U.S.D. NO 375  
 GREENWICH ROAD  
 NEW ELEMENTARY SCHOOL

DESIGN  
 DAG  
 DRAW  
 TMH  
 DATE  
 August 09  
 FILE NO.  
 08-500-037-00

SHEET NO.  
 C2.1

**WILSON & COMPANY**  
 Engineers & Architects  
 1700 East Iron - Salina, Kansas 67401  
 Tel 785 - 827-0433 Fax 785 - 827-5949