

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
 Kansas One-Call 887-2473
 The Contractor must notify the following in case of an emergency:
 AT&T 1-800-248-8454
 Black Hills Energy 1-800-694-4989
 City of Wichita Water & Sewer 1-316-219-5921
 City of Wichita Stormwater 1-316-269-4090
 City of Wichita Traffic 1-316-268-4034
 Cox Communications 1-888-249-3530
 Kansas Gas Service 1-888-487-4350
 Westar Energy 1-800-544-4852
- Utility service lines, poles, etc. 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.
- 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, in the opinion of the Engineer, that 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 will 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 will require additional archaeological investigations unless buried in a previously approved borrow location.
- 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 Engineer'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 give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- 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.
- The Engineering Division shall find locate water valves and time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by the Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match final grades by the contractor.
- The Contractor shall notify the inspecting engineer and Tom Mason at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the U.S. Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractor's responsibility.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

- Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
- All applicable fees (for, equity, in lieu of & main benefit) must be paid before any connections can be made on this project. Quizzes can be obtained on fees by calling 316-268-4344.
- City maintenance of water mains ends at right-of-way or easement line or within two feet of vault.
- 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. The project inspector must ascertain that any valve closed by the Contractor is reopened. The contractor will be permitted to operate water valves only when the project inspector assigned to the project is present.
- The Contractor shall lay a tracer wire and set test stations along all water pipe installed in accordance with City Specifications and Tracer Wire Detail on detail sheet W-101, cost is subsidiary to pipe installation.
- The contractor shall provide materials for temporary blowoff of waterlines. Connections to the existing waterline(s) shall be made with clean, swabbed pipe and flushed upon completion of tie-ins.
- Requests for short term water interruptions shall be made to the City Water Distribution Division and will be subject to their approval. The Contractor shall give written notice to any property owner, business, and/or tenants that will have water service interrupted at least 5 days in advance. Such notifications should indicate the time and date that the water will be turned off and when the service will be restored. No business, property owner, and/or tenants shall be without water service for more than 8 hours. Proposed tie-in locations which will affect water service to property owners shall be performed during non-peak hours.
- The Contractor must schedule the connections to the existing main with the City such that there is a minimum disruption of service. Connections shall be made during periods of low water usage. The Contractor shall submit his proposed schedule for completing work for City approval at least 10 days prior to beginning construction.
- Deflections of pipe joint or couplings shall not exceed the pipe manufacturer's recommended maximum. Where deflections are greater than the maximum allowed, the contractor shall utilize fittings.
- Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.
- Valves 12 inch and larger are to be operated by the City Water Distribution Division. 48 hours of advance notice is required with the water Dispatch at 316-291-8921.
- All wet taps shall be installed by the City of Wichita. The Contractor will reimburse the City for tapping fees prior to tap being made. Unless noted on plans.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 20 feet.
- Wichita Fire Department inspections may be scheduled by calling 316-268-4441.

Benchmarks

BM#1: Center of existing manhole rim, 131.01' west & 48' north of the NE corner of Parcel A, Lot 2, Block 2, Park Meadows Estates, Wichita, Sedgewick County, KS. Elev. = 1347.99 NAVD 88 (160.10 City Datum)

BM#2: (Not Shown) Center of existing manhole rim, 490.37' west & 48' north of the NE corner of Parcel A, Lot 2, Block 2, Park Meadows Estates, Wichita, Sedgewick County, KS. Elev. = 1348.09 NAVD 88 (160.20 City Datum)

WATER DISTRIBUTION SYSTEM to serve

Wichita Korean Church of Hope

1541 South Todd Street
CITY OF WICHITA, KANSAS

slow (storz) fire hydrant
sigma fittings
pro-trace wire
DICL PIPE

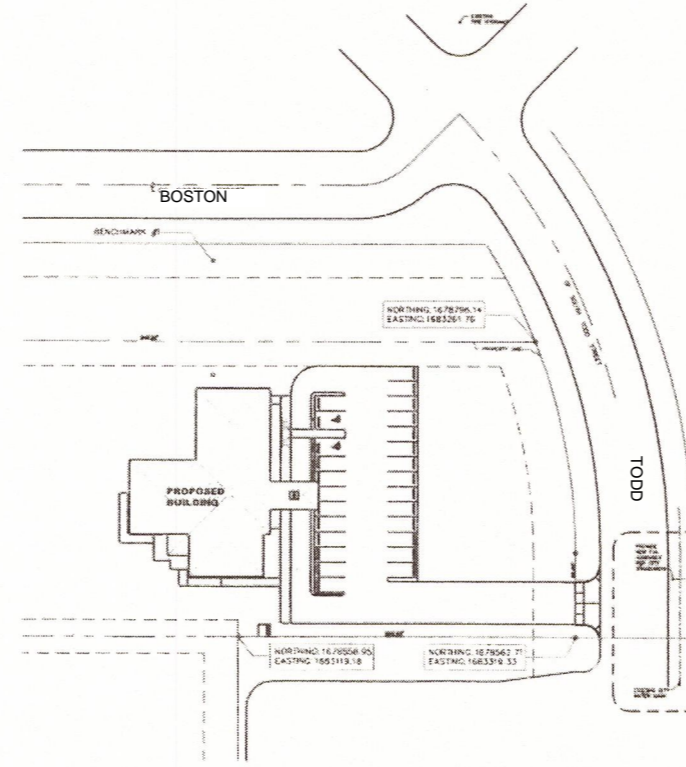
Janzen, P.E. City Engineer
Project Number
2096 PPW (183021)

center of Todd & Harry
North 311' to center of
Todd
East 21' to fire hyd.
East 23.5' to valve
East 25.5' to tapping
sleeve

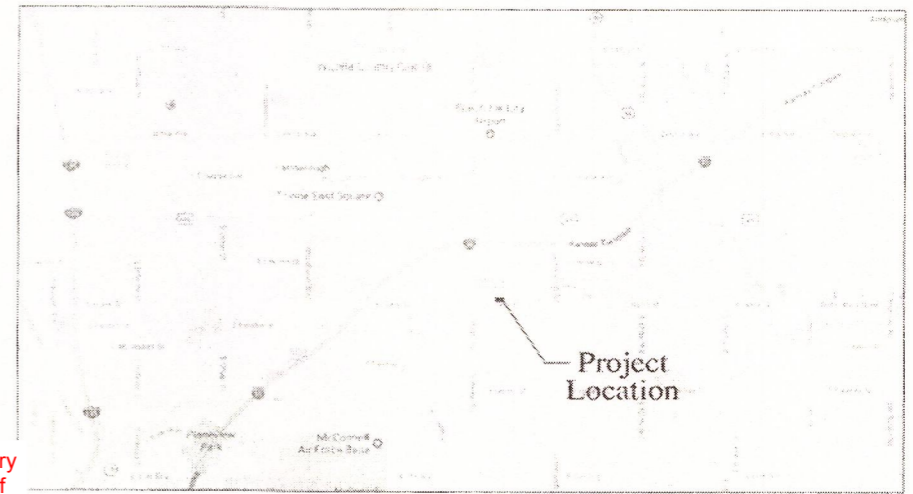
FIRE HYD. IS 2.5' FROM
VALVE ON FIRE ASSY.

FH IS 3.5' E OF BOC ON TODD.
FH VB IS 2' E OF FH.
FH IS 23.5' E OF CENTER
LINE OF TODD ST.
T. MASON

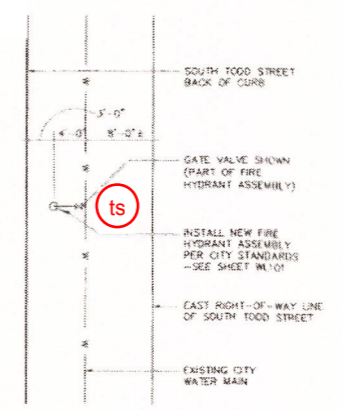
LOLLEY OK'D SHORT
DICL



Site Plan
1"=50'-0"



Vicinity Map



Enlarged Plan Detail

1"=10'-0"

AS BUILTS

Contractor:
Wilks Underground Utilities

Project Inspector:
Larry Gann
4/24/2018
KL MILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

Sheet Index

Title Sheet, Site Plan & Details

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION
& BY WICHITA FIRE DEPARTMENT

Engineering *John Mason* 10/11/17
Utilities *Tom Mason* 10-13-17
Fire Dept. *Tom Mason* 10/13/17

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 is 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 judicial easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineers. All Construction and Materials shall comply with the City of Wichita Specifications and Standards and Special Provision for fire and available in the City Engineer's Office or on the City's Website.

Private Property:
Installation and tapping 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 meters 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.

An approved copy of these plans signed by City staff are required on site.



October, 2017

EC ENGINEERING CONSULTANTS
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