

**STORM SEWER PLANS
TO SERVE
WATERWALK PLACE
515 S. MAIN STREET**

PRIVATE PROJECT NUMBER: 1876 PPS (792422)

**CITY OF WICHITA
JAMES ARMOUR, P.E. CITY ENGINEER
MAY 2008**

GENERAL NOTES

- The Contractor will be required to contact Kansas One Call at 687-2470 to request the local utility companies to mark any existing lines within the project limits a minimum of forty-eight (48) hours prior to any excavation or working.
- Existing utilities and their locations, as shown on the plan, represent the best information obtainable for design. The Contractor shall be aware that construction will occur in close proximity to existing utilities, and any conflicts with such utilities shall be reported to the Engineer.
- All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation & etc. 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.
- The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection.
- Rock bedding
If ground water is found in the sewer trench, the Contractor shall be required to add a rock bedding layer as per the City of Wichita sanitary sewer installation specifications. The cost for the bedding layer shall be considered subsidiary to the pipe installation and not be bid or paid for separately.
- Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may include but are not limited to: hay bales, silt fences, temporary mulching or other controls necessary to inhibit sediment runoff during construction. See Erosion Control Details.
- The Contractor shall restore all ditches, swales, and banks to their original slopes and grades. Where existing entrance pipes, drainage pipes, fences, signs, etc. conflict with the proposed work herein, they shall be removed and reset unless otherwise indicated on the plans. Replacement of such items including seeding, fertilizer, and mulching shall be incidental to the L.S. Bid Item "Site Restoration".
- Trees and shrubs in the public right-of-way which are in direct conflict with the proposed construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with the proposed construction shall be saved and protected from damage. Tree Removal shall be incidental to "Site Clearing and Preparation".
- The Contractor shall comply with all applicable safety regulations and City of Wichita Specifications and Standards.
- Traffic Control
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 length of trenches that will be allowed to remain open overnight and weekends shall be left to the discretion of the Engineer. Traffic Control shall not be paid for directly, but shall be considered incidental to other items in the Project.
- All pipe backfill (excluding flowable fill) shall be compacted to 95% standard proctor density.

As Built Plans:
CONTRACTOR: Mies
INSPECTOR: Larry Gann, Tom Jones K E Miller Engineering
.PDF by: NWS 08-22-08

INDEX OF SHEETS

NO.	DESCRIPTION
ST 1.0	COVER SHEET
ST 1.1	PLAN & PROFILE - LINE "A"
ST 1.2	PLAN & PROFILE - LINE "B", "C" & "D"
ST 1.3	GRADING PLAN
ST 1.4	EROSION CONTROL PLAN

LEGEND	
PROPOSED STORM SEWER	— ST —
EXISTING STORM SEWER	— ST —
EXISTING WATER	— W —
EXISTING SAN. SEWER M.H.	⊙
PROPOSED SAN. SEWER M.H.	⊙
PROPOSED CLEANOUT/RISER ASSEMBLY	○
PROPOSED RUNNING TRAP	I

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

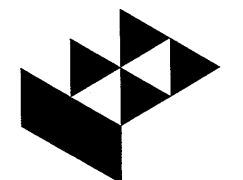
Public Works
 Water & Sewer *ALG 6-408*
 Fire

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.

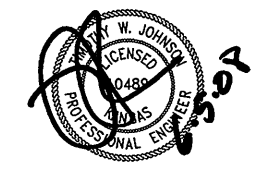


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 Gosson Livingston Associates, Inc.

J & A

Johnson & Associates, Inc.
 100 E. California Ave. - Third Floor
 Oklahoma City, OK 73104
 (405) 235-8075 FAX (405) 235-8078
 Certificate of Authorization #E-1128 EXP. DATE: 12-31-2008



**WATERWALK PLACE
515 S. MAIN STREET**

Mark	Date	Description
2	7/4/08	CITY REVIEW
1	7/2/08	CITY REVIEW SET

**STORM SEWER PLANS
KEY MAP & GENERAL NOTES**

Job No.	05-06-08	ST 1.0
Date		OF
Drawn	I.N.	5
Checked	P.B.	Dwg. 1 of 5