

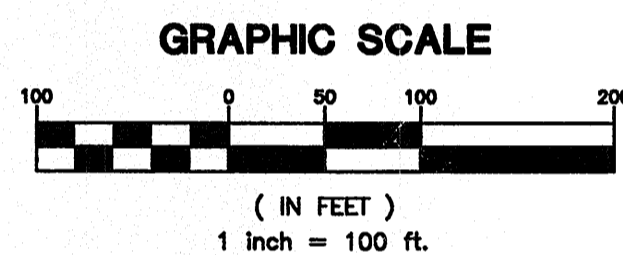
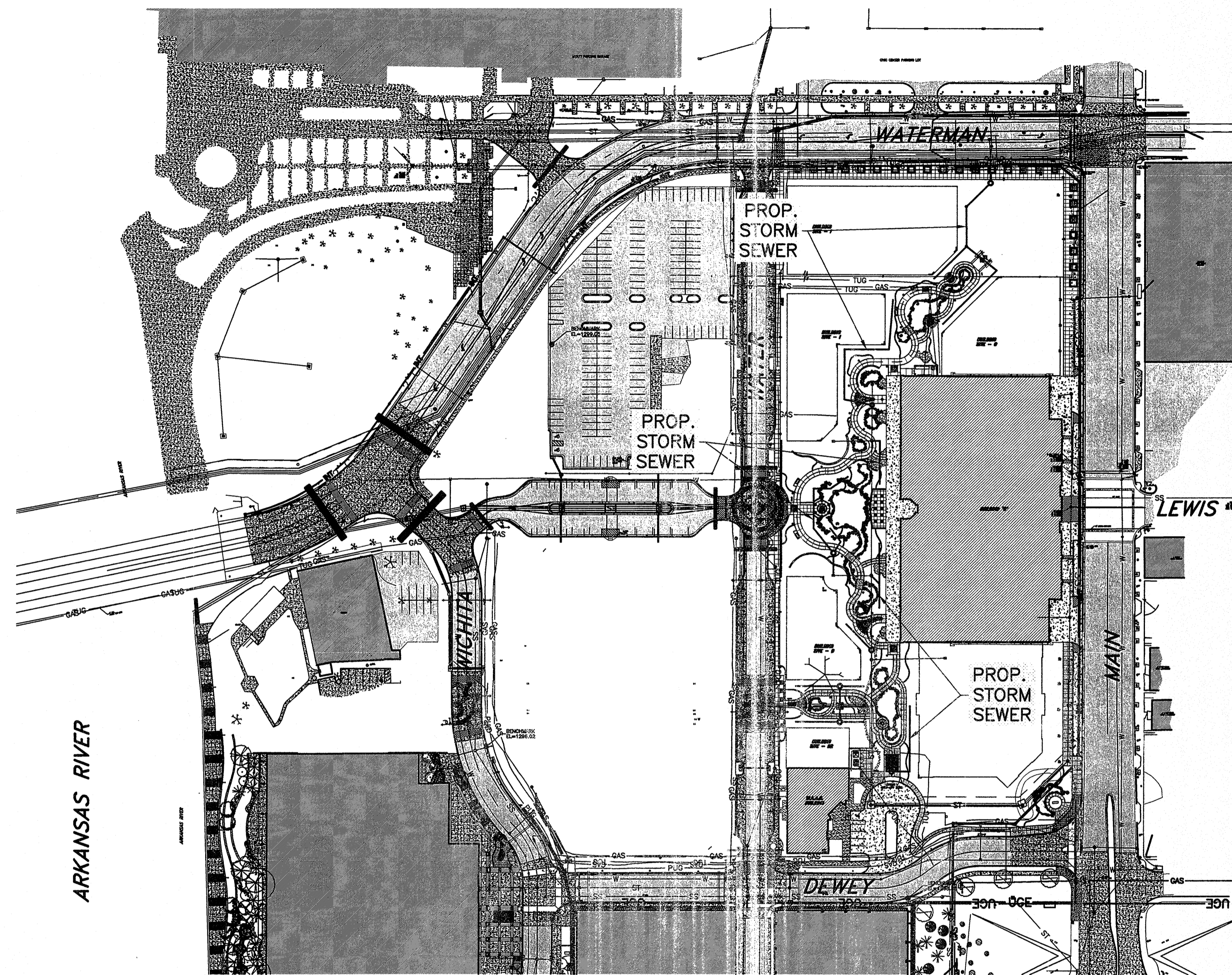
Ed Martin in Bldg Maintenance over ruled PW Eng. and told the contractor that the concrete aprons around area inlets did not need to be installed on this project.

As Built Plans:

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

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.



LEGEND	
PROPOSED STORM SEWER	— ST —
EXISTING STORM SEWER	— ST —
EXISTING WATER	— W —
EXISTING SAN. SEWER M.H.	⊙
PROPOSED SAN. SEWER M.H.	⊙

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

Public Works
Water & Sewer *Shawn Mellich 8-5-09*
Fire

NOTE TO CONTRACTORS
Inspection and testing for the waterline is to be provided 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 City of 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.

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 City of 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.

INDEX OF SHEETS

NO.	DESCRIPTION
01-ST 1.0	COVER SHEET
02-ST 1.1	STORM SEWER GENERAL LAYOUT
03-ST 2.0	PLAN & PROFILE - LINES "A" & "B"
04-ST 2.1	PLAN & PROFILE - LINES "D", "E", "F", & "G"
05-ST 2.2	PLAN & PROFILE - LINES "H", "J", "K", & "L"
06-ST 2.3	PLAN & PROFILE - LINES "M", "N", & "P"
07-ST 2.4	PLAN & PROFILE - LINES "C" & "R"
08-ST 3.0	AREA DRAIN TYPE 1 & 2 DETAILS
09-ST 3.1	STANDARD TYPE 'P' MANHOLE DETAILS
10-ST 3.2	REINFORCED CONCRETE MANHOLE
11-ST 3.3	MANHOLE ADJUSTMENT DETAILS
12-EC 1.0	EROSION CONTROL PLAN
13-EC 2.0	SILT FENCE, DITCH CHECK & BARRIER DETAILS

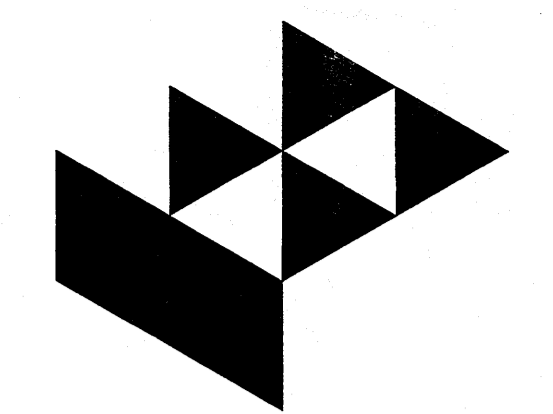
STORM SEWER PLANS TO SERVE WATERWALK HARDSCAPE (EAST)

PRIVATE PROJECT NUMBER: 1986 PPS (607861)

CITY OF WICHITA

JAMES ARMOUR, P.E. CITY ENGINEER

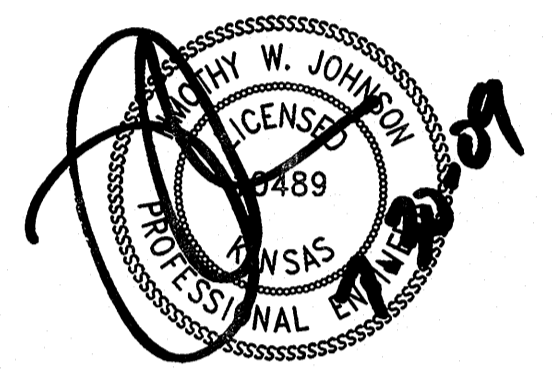
JULY 2009



Gossen Livingston
Architecture
420 South Emporia
Wichita, KS 67202
Tel: (316) 265-9367
Fax: (316) 265-5646
Email: architecture@gl.com



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: 12-31-2010



© 2009 Gossen Livingston Associates, Inc.
The drawing and all information herein is the exclusive property of Gossen Livingston Associates, Inc. and is not to be copied or used in any way without the express written consent of Gossen Livingston Associates, Inc. All drawings, specifications, notes, designs and arrangements appearing herein constitute the original and unpublished work of:
Gossen Livingston Associates, Inc.



PUBLIC IMPROVEMENTS - PARCEL 1
STORM SEWER COVER SHEET

Mark	Date	Description
1	7-27-09	CITY REVIEW

STORM SEWER COVER SHEET

Job No.	ST 1.0
Date	6-12-09
Drawn	B.C.
Checked	P.B.
	Dwg. 16 of XX