

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 687-2470

The Contractor must notify the following in case of an emergency:

AT&T	1-800-246-6464
Black Hills Energy	1-800-694-8989
City of Wichita Water & Sewer	1-316-219-8921
City of Wichita Stormwater	1-316-268-4090
City of Wichita Traffic	1-316-268-4034
Cox Communications	1-888-249-3530
Kansas Gas Service	1-888-482-4950
Eergy	1-800-544-4857

- 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 and 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 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 field locate water valves one 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 Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match field grades by the contractor.

- The Contractor shall notify the inspecting engineer and Dawnita Reinhardt 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, Mike Armour 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 US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors 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, 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 (tap, equity, in lieu of & main benefit) must be paid before any connections can be made on this project. Quotes can be obtained on fees by calling 316-268-4555.

- City Maintenance of sanitary sewer mains ends at last structure within the easement or right-of-way.

- All stubs and capped pipes shall be located with green plastic tape in the same manner as risers.

- Connecting to Existing Manholes:
Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where the stub is unusable due to elevation, grade or alignment, the Contractor shall remove the stub and plug the

hole, and reshape the existing manhole invert to provide smooth flow. Where connecting to an existing manhole that does not have an existing stub, the Contractor shall core cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.

- Contractor shall limit the extent of trench open overnight and weekend to less than 50 feet.

- Contractor shall provide positive drainage away from all manhole covers.

- The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.

- The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.

- Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% ASTM D698.

- The Contractor shall prevent from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.

- All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.

- Contractor shall grade around exposed manholes at a 1:1 slope. Manholes set lower than existing grade shall have a 9" berm constructed around manhole to prevent infiltration into sanitary sewer system. Cost of dirt, labor, equipment, etc. to be incidental to cost of manhole.

- All areas disturbed during construction shall be seeded, mulched, and fertilized as follows (Permanent Seeding):

Seed: Kansas Premium Fescue Blend: 8 lbs/1000 sq. ft.
Mulch: Prairie Hay: 2 tons/acre
Fertilizer: 12-24-12: 850 lbs./acre

All costs associated with seeding, mulching, and fertilizing shall be included in bid term "Seeding". All seeding operations shall conform to City of Wichita Standard Specifications.

- The Contractor shall not begin work on the project until the Project Inspector is assigned and on site. Any work completed without inspection will be required to be uncovered for inspection at the Contractor's expense.

- All existing and proposed erosion control measures including silt fences, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. 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 City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Site Restoration".

Benchmarks

Site Benchmark - 201

Chiseled "L" on top of curb southeast of the library, 13.0' north to the centerline of the asphalt driveway for the library, 43.0' west to the centerline of Sycamore Street, 25.9' south/southeast to the center of box W12J47128.
Elevation = 1302.160 (NAVD 88)

Site Benchmark - 202

Chiseled square on top of curb, 14.8' west to the centerline of Sycamore Street, ±200' north to Pacific Street, 18.4' north to west face of light pole T5169202, 36.0' north to the south end of storm water inlet cover.
Elevation = 1298.460 (NAVD 88)

Site Benchmark - 203

Chiseled square on Top of AT&T vault, north side, ±20' north of Pacific Street, ±25' west of Oak Street, 7.3' North to Chain-Link Fence, 34.6' east to fiber optic marker (AT&T), 137.6' west to the southeast corner of white tin building.
Elevation = 1302.090 (NAVD 88)

Site Benchmark - 204

Chiseled square on top of curb, located southwest of the library, 41.8' North/Northwest of the top nut of fire hydrant, 86.4' West/Northwest to the Southeast Corner of the brick building, 21.0' west to the center of the south area inlet.
Elevation = 1299.760 (NAVD 88)

D. Reinhardt - City of Wichita, Inspector Stub
Release Date: 9/13/2021
: apr 9/15/2021

SANITARY SEWER to serve Lot 2, Block 1 Delano Hotel Addition Sycamore Street and McLean Boulevard Wichita, KS

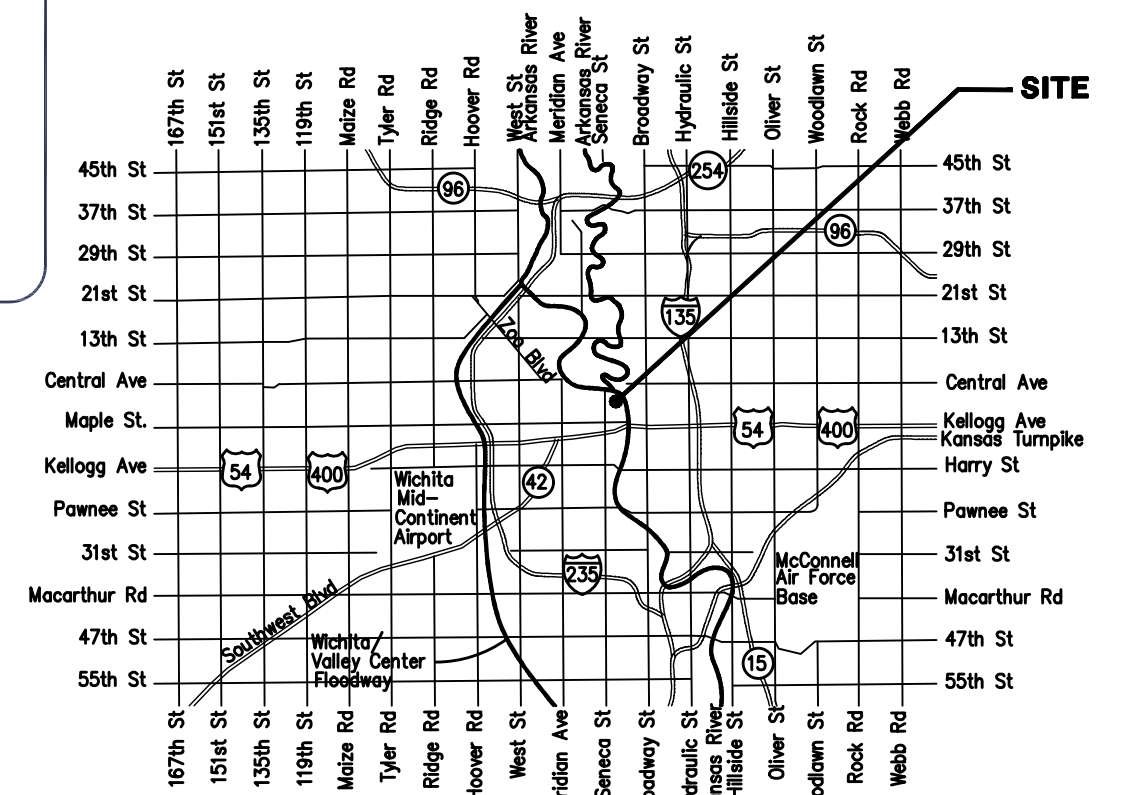
Gary Janzen, P.E. City Engineer
2021-014150PPS 53030982

AS BUILTS

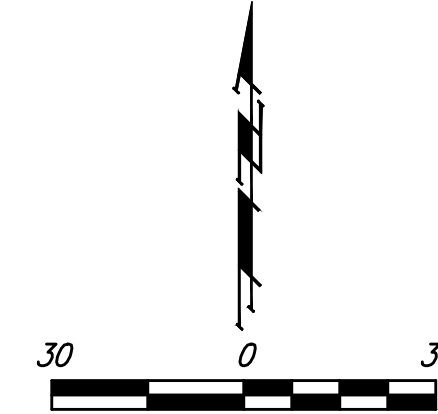
Contractor:
McCullough
Excavation, Inc.
9/7/2021

Project Inspector:
Larry Gann

KEMILLER
ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242



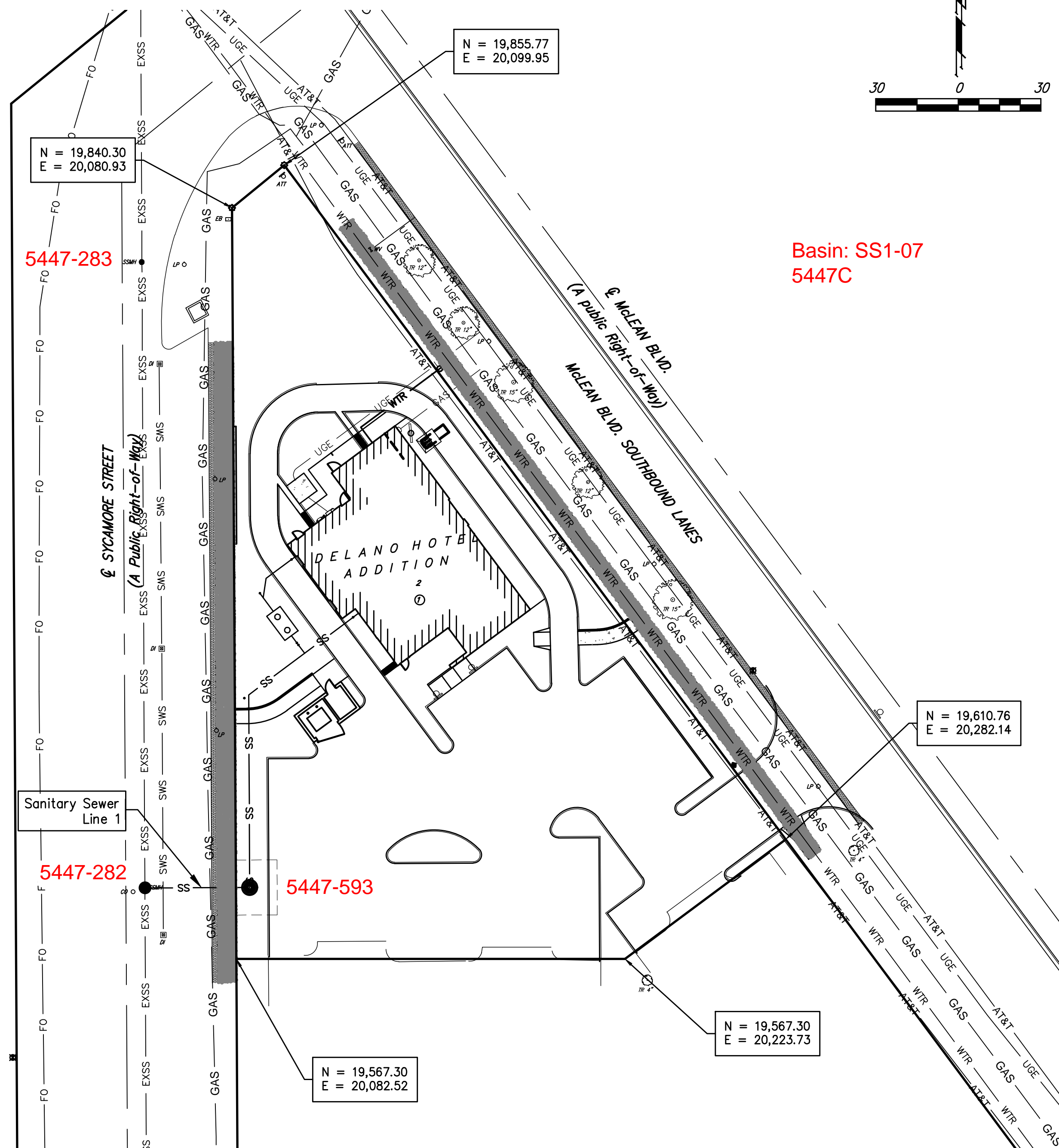
Vicinity Map



Sheet Index

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Vertical Riser Assembly Sewer Detail	5
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*Details are available at City of Wichitaweb site at <http://www.wichita.gov/PWU/StandardsConstruction/Forms/WebPageStandardsConstruction.aspx>



Basin: SS1-07
5447C

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION

Engineering approved by Shawn Mellies 6-17-21

Utilities approved by LaDonna Lawrenz 6-17-21

NOTE TO CONTRACTORS

Installation, 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 in the state of Kansas. No work shall be performed by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards and Special Provisions (on file and available at Wichita.gov).

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




June 16, 2021

BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

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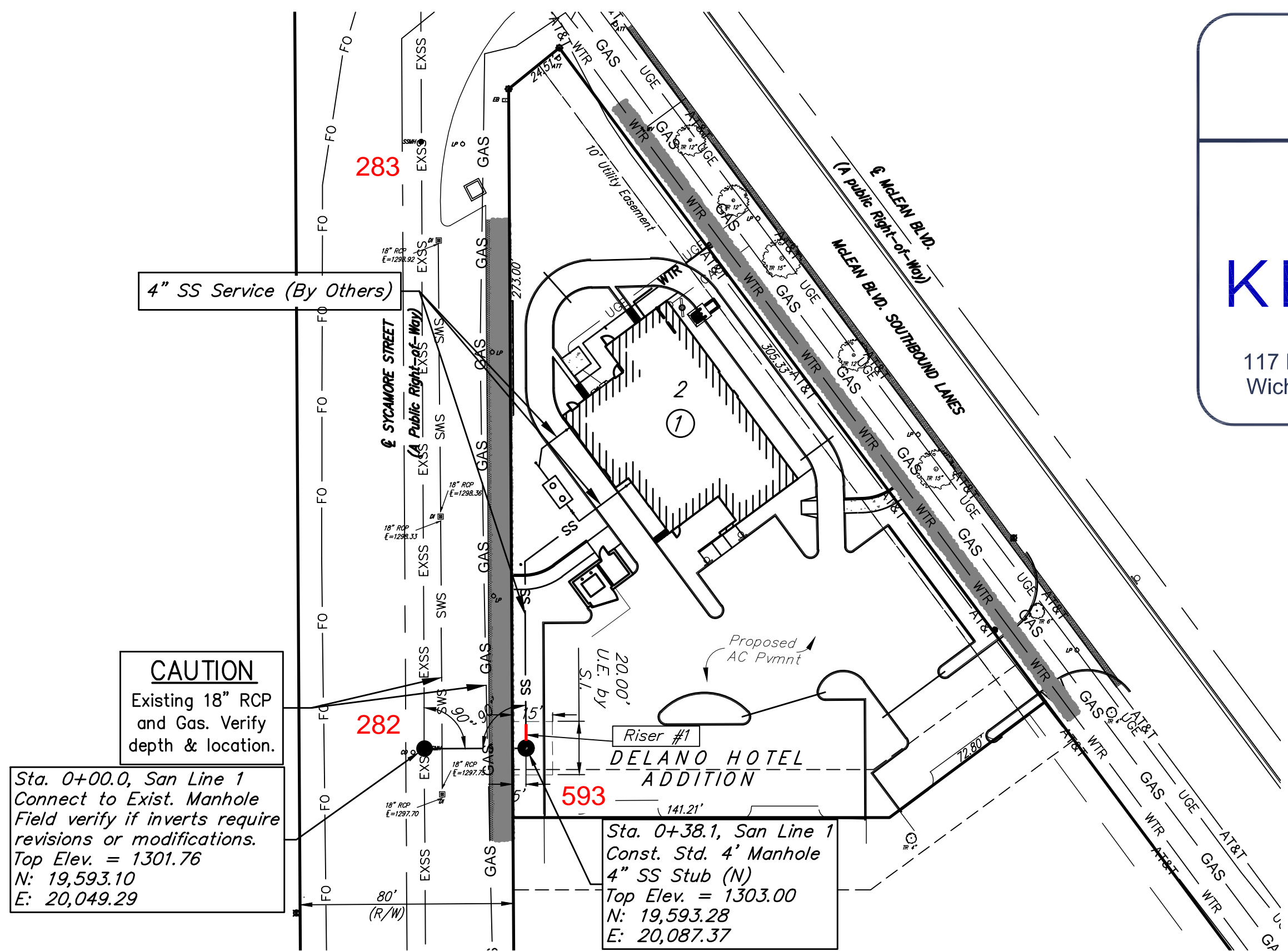
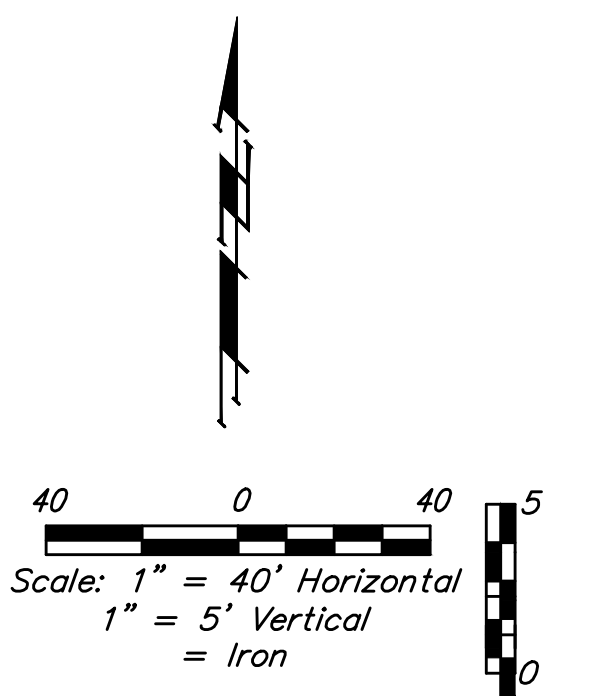
AS BUILTS



KEMILLER
ENGINEERING PA

117 E. Lewis,
Wichita, KS 67202

(316)264-0242



CAUTION
Existing 18" RCP and Gas. Verify depth & location.

Sta. 0+00.0, San Line 1
Connect to Exist. Manhole
Field verify if inverts require
revisions or modifications.
Top Elev. = 1301.76
N: 19,593.10
E: 20,049.29

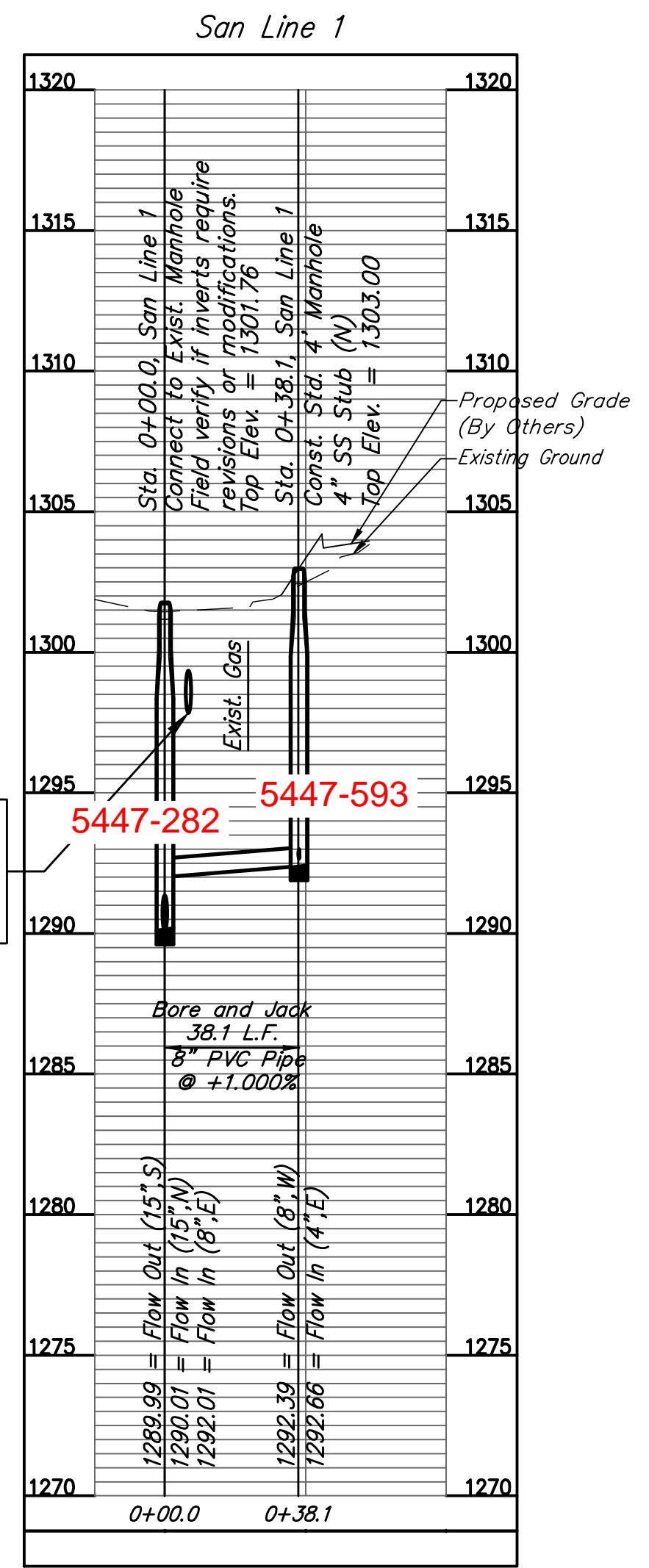
Riser #1
Sta. 0+38.1, San Line 1
Const. Std. 4' Manhole
4" SS Stub (N)
Top Elev. = 1303.00
N: 19,593.28
E: 20,087.37

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
1	4" Stub	2	1	1	0+38.1/Lt.	6.4'	10.0'

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

- NOTES:**
- In the event the existing manhole is lined, contractor shall repair manhole lining damaged during connection to existing manhole in accordance with City of Wichita Standard Specifications.
 - Pavement removed to make manhole connection shall be replaced in accordance with note number 13 on sheet 1 of 6 of these plans.



Record flows for MH 282 are
1288.09 in and 1288.07 out.



BAUGHMAN COMPANY

315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

Mokas Wichita

SS Line 1
Sta. 0+00.0
to Sta. 0+38.1

Sanitary Sewer
Improvements

PROJECT NUMBER:
21-02-E828

DESIGN: SRS DRAWN: SRS

DATE: June 16, 2021

SHEET OF
2 6

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