

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 1-800-246-8464
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
Westar Energy 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 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 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 final grades by the contractor.
- The Contractor shall notify the inspecting engineer and Dawnita Reinhardt at 316-650-0740 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 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.
- Maintain a minimum of 10' horizontal separation between all water lines (mains, services, and fire hydrants) and all sanitary sewer lines (mains, services, and manholes). All separation distances are to be measured from edge-to-edge, at the closest point.
- Maintain a minimum of 2' vertical separation between all water lines (mains and services) and all gravity sanitary sewer lines (mains, services, and manholes) at crossings. All separation distances are to be measured from edge-to-edge, at the closest point.
- Maintain a minimum 2' vertical separation between all water lines (mains and services) and all pressurized sanitary sewer lines (force mains and services) at crossings. Waterlines must always be placed above pressurized sanitary sewer lines where they cross. All separation distances are to be measured from edge-to-edge, at the closest point.
- 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 (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 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 WL-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 at 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 contractors expense.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- Wichita Fire Department inspections may be scheduled by calling Dawnita Reinhardt at 316-650-0740.
- 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 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 "Maintain Existing BMPs".
- All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.
- 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.

BENCHMARKS

BM 202. ELEVATION: 1298.46 NAVD88
CHISELED SQUARE ON TOP OF CURB AT
FIRE HYDRANT; 35 FT. SOUTH OF SW
CORNER OF CONCRETE PAD FOR TRAFFIC
SIGNAL MANHOLE AT SW CORNER OF
DOUGLAS AND BROADWAY.

BM 203. ELEVATION: 1298.26 NAVD88
CHISELED SQUARE AT EAST CURB
RETURN; SE CORNER OF BROADWAY AND
THE ALLEY SOUTH OF DOUGLAS AND
NORTH OF WILLIAM STREET.

BM 204. ELEVATION: 1296.88 NAVD88
CHISELED SQUARE ON SE CORNER OF
STORM DRAIN AREA INLET IN CENTER OF
INTERSECTION OF ALLEYS; 1/2-BLOCK
EAST OF BROADWAY; 1/2-BLOCK SOUTH OF
DOUGLAS.

WATER DISTRIBUTION SYSTEM

to serve

Lot 11

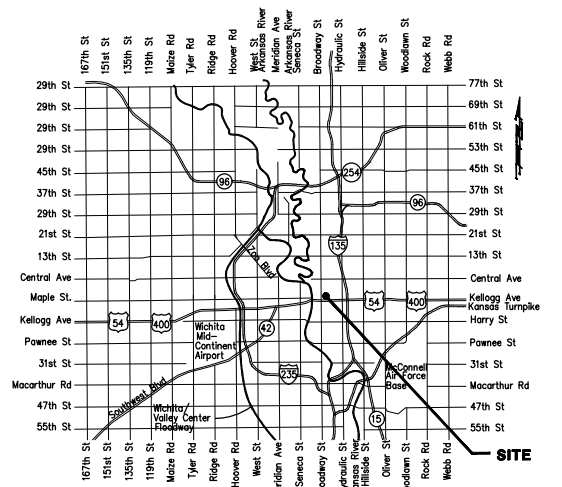
N.A. English's Addition

CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number: PPW-2022-013791
54030980

SHEET INDEX

Title Sheet	1
Line 1	2
Std. Water Assembly Detail	3
Miscellaneous Water Details	4
Erosion Control Details	5-9
Copy of Plat	10



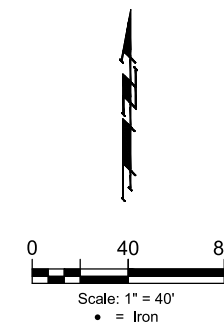
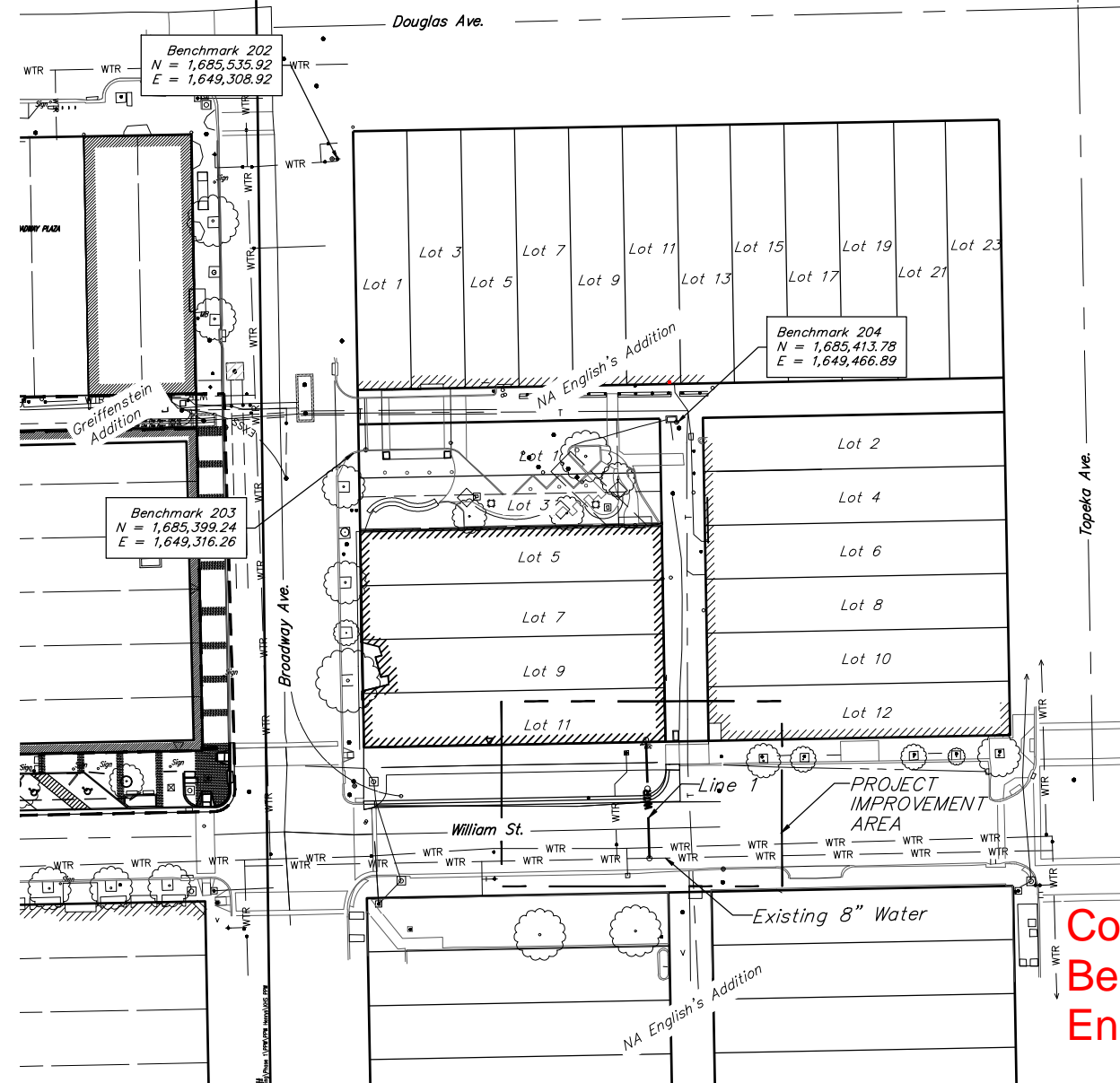
Vicinity Map

AS - BUILT PLANS

Contractor: McCullough Excavation
Inspector & Larry Powell
As-Built By: Baughman Company, P.A.

6" DICL Pipe = American

6" TAP Valve = CLOW



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

Engineering Approved by Shawn Mellies, P.E. (05/11/22)
Utilities Approved by Greg Lolley (05/11/22)
Fire Dept. Approved by Battalion Chief Jose Ocadiz, (05/11/22)

NOTE TO CONTRACTORS

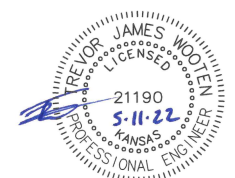
Public Property:
Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the City of Wichita Specifications and Standards and Special Provisions (on file and available in the City Engineer's Office) or on the City's Website.

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.

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

Baughman Job # 22-05-E193

Construction:
Began: 5-16-2022
End: 6-1-2022



May 11, 2022

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

BENCHMARKS

BM 202. ELEVATION: 1298.46 NAVD88
CHISELED SQUARE ON TOP OF CURB AT
FIRE HYDRANT; 35 FT. SOUTH OF SW
CORNER OF CONCRETE PAD FOR TRAFFIC
SIGNAL MANHOLE AT SW CORNER OF
DOUGLAS AND BROADWAY.

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CHISELED SQUARE ON SE CORNER OF
STORM DRAIN AREA INLET IN CENTER OF
INTERSECTION OF ALLEYWAYS; 1/2-BLOCK
EAST OF BROADWAY; 1/2-BLOCK SOUTH OF
DOUGLAS.

Top of Existing 8" Water Main = 10.0' below top of existing street pavement.
TAP location moved 2' west to miss existing pipe joint in 8" water main.

City maintenance of water mains ends at property line.

TAP Saddle = 168' E of the CL of Broadway Ave.
12' S of the CL of William St.

TAP Valve = 166' E of the CL of Broadway Ave.
11' S of the CL of William St.

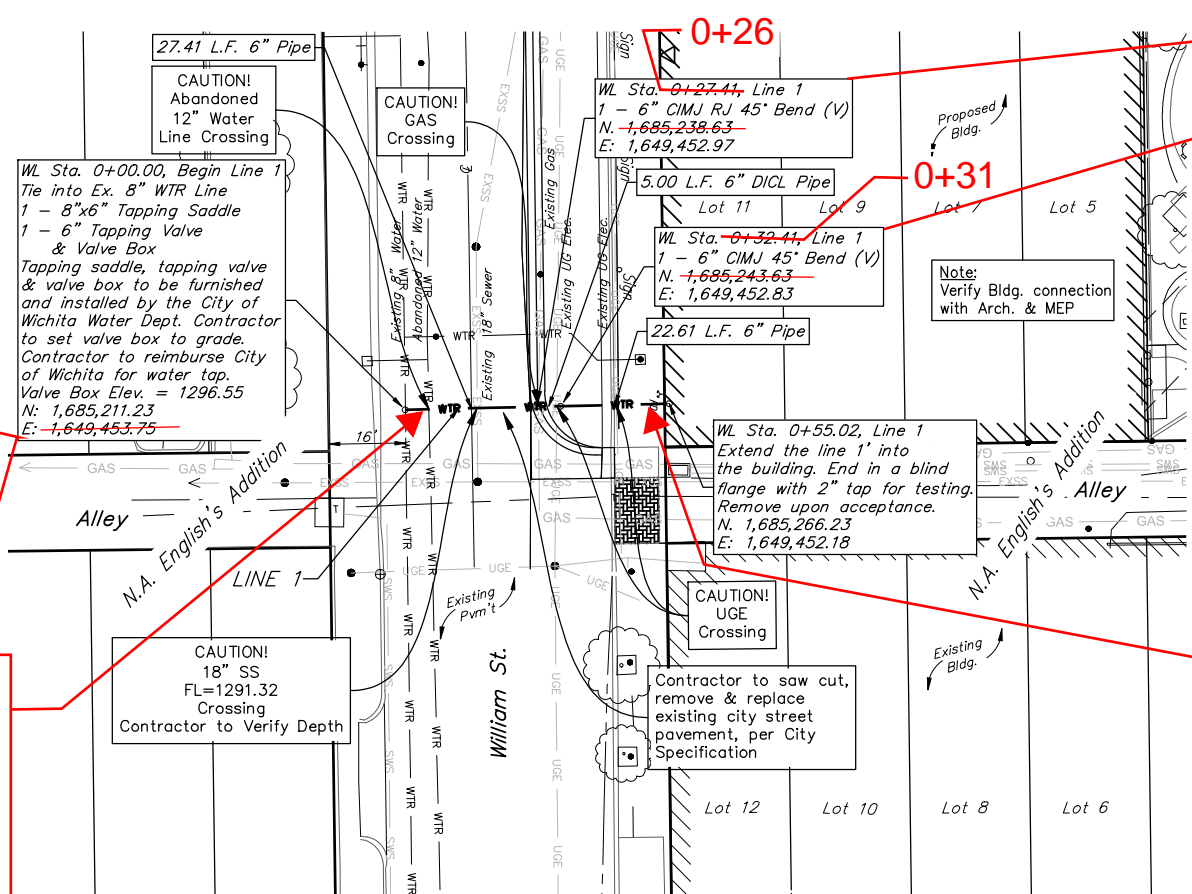
WL Sta. 0+04, Line 1
1 - 6" CIMJ 11.25 degree
Bend (Horizontal)

11.25 degree horizontal
bend installed to get back
onto plan alignment.

11.25 Bend (H) = 166' E of the CL of Broadway Ave.
8' S of the CL of William St.

WL Sta. 0+04, Line 1
1 - 6" CIMJ 11.25 degree
Bend (Horizontal)

DEPTH UNKNOWN
Contractor to Verify
Depth & Location of
UGE, Gas, and Ex.
Wtr Lines Prior to
Construction.



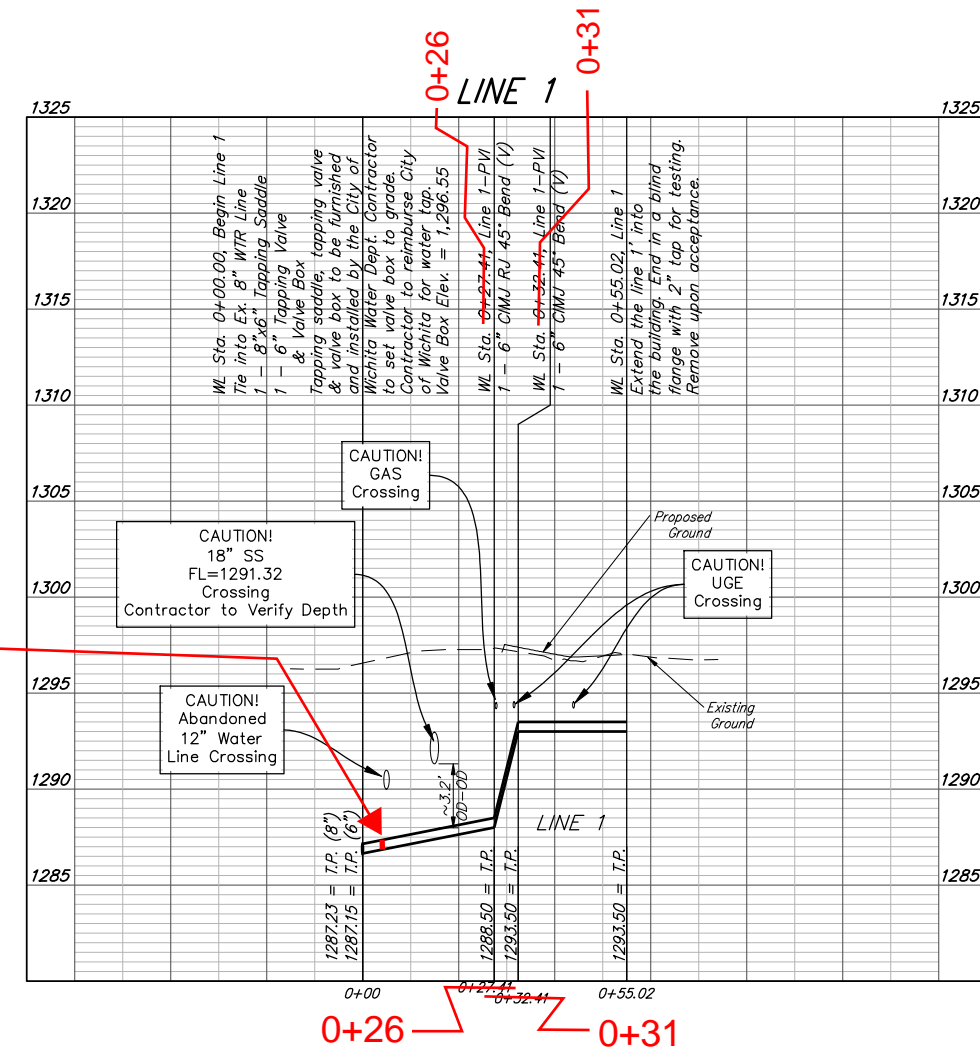
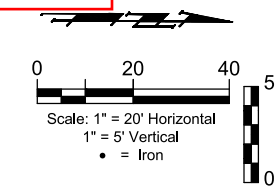
45 Bend (V) = 168' E of the CL of Broadway Ave.
13' N of the CL of William St.

45 Bend (V) = 168' E of the CL of Broadway Ave.
18' N of the CL of William St.

Contractor to verify depth and location of existing utilities. Contractor to relocate any existing utilities as necessary for construction.

Contact utility companies 3 weeks prior to construction to coordinate construction.

Sleeve = 168' E of the CL of Broadway Ave.
36.5' N of the CL of William St.



Contractor to maintain a minimum of 2' of vertical separation (O.D.-O.D.) between sanitary sewer and water line.

Professional Engineer Seal: JAMES WOOLEN, 21190, 5-11-22, KANSAS, LICENSED PROFESSIONAL ENGINEER

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

Lot 11 N.A. English's Addition

PPW Line 1

Water Line Improvements

PROJECT NUMBER: 21-01-E807
DESIGN: TJW DRAWN: JA
DATE: May 11, 2022
SHEET 2 OF 10

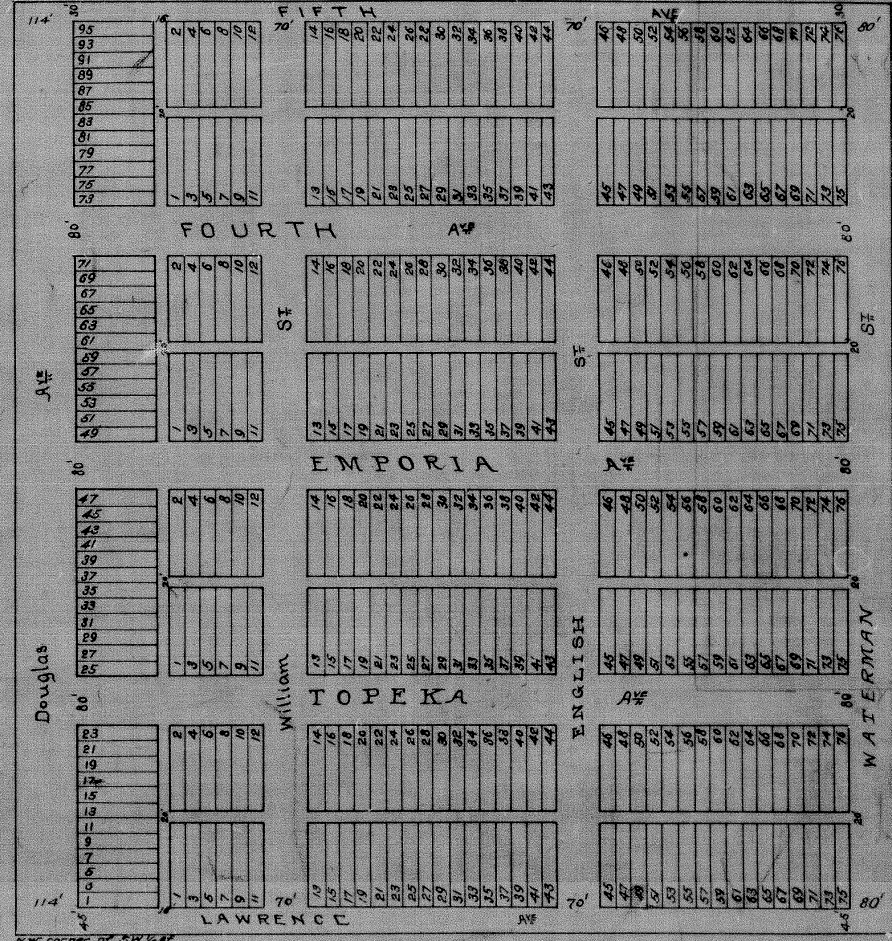
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E 6-6

MAP
of
N.A. English's addition to the City of Wichita containing
lots Nos. 1 to 85 inclusive on Douglas Ave. All other lots are 25' x 140'
Streets & alleys as marked on Plat.
I certify that the accompanying plat is a correct map, according to the survey of
N.A. English's addition to the town of Wichita.

John Strout, Dept. Co. Surveyor.
State of Kansas } ss.
Sedgwick County }
This plat filed for record in the Office of the Register of Deeds of
the County, referenced on the thirteenth day of December A.D. 1871 at 10 o'clock A.M.
and returned in Plat Book A at page 3.

L.F. Butcher
By M.C. Sluss
Deputy



NW corner of SW 1/4 of
Sec. 27, T.27, R.1E.

State of Kansas } ss.
Sedgwick County }
Personally appeared before me Clerk of the
District Court in and for the County and State aforesaid
N.A. English and Ovie A. English who acknowledged the within
plat of N.A. English's Addition to the town of Wichita as
certified to by John A. Strout, Deputy County Surveyor
for Sedgwick Co. to be their own act and deed, and
wishes the same to be recorded as such, and all streets
and alleys therein designated are hereby set apart for
the use of the public, and all lots as numbered are
intended for sale.

Witness my hands and seals on this 24th day of
Feb. A.D. 1871
N.A. English, exel.
Ovie A. English, By N.A. English, exel.
her Atty. in fact.

State of Kansas } ss.
Sedgwick County }
On this 24th day of February A.D. 1871,
before me D.A. Bright, Clerk of the District Court, in
and for said County, came N.A. English and Ovie A.
English, his wife, to me will know who executed the
 foregoing instrument, and duly acknowledged the
 execution of the same.
In testimony whereof I have hereunto subscribed
my name and affixed my official seal on the day and
year last above written.

D.A. Bright, Clerk.

State of Kansas }
County of Sedgwick } ss.
Be it remembered that on this 23rd day
of Oct. 1880, before me, the undersigned, a Notary Public
in and for said County and State came N.A. English
for himself and as the duly appointed Attorney in fact
for Ovie A. English, his wife, who, is personally known to
me to be the same person who signed and acknowledged
the within plat, for the purpose of correcting
acknowledgment, the acknowledging officer having
omitted his seal, and wife having failed to sign the
instrument, and acknowledged the within instrument
to be his true act and deed for the purpose therein
set forth.
In witness whereof I have hereunto set my hand
and seal the day and year above written.

Robert C. Dwan,
Notary Public.



Com. ex. July 14, 88.

Joseph Bowman, Register of Deeds of Sedgwick
County, Kansas, do hereby certify that the above is a
true and exact copy of the plat of English's addition
to Wichita, Kansas, that the original, of which the
above is a copy, is on file in my office, and that I have
the legal custody thereof.
Witness my hand and the seal of my office
this 22nd day of Oct. 1910.

Joseph A. DeZanetti
Register of Deeds.

E 6-6



This digital plat record accurately reproduces in all details the
original plat filed with the Sedgwick County Register of Deeds.
Digitized under the supervision of Register of Deeds Bill Meek by
Sedgwick County Geographic Information Systems.

Bill Meek, Register of Deeds
Digitized rendition of original signature



FOR REFERENCE ONLY
NOT TO SCALE



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

Lot 11 N.A. English's Addition

**Copy of
Plat**

Water Line
Improvements

PROJECT NUMBER:
21-01-E807

DESIGN: TJW DRAWN: JA

DATE: May 5, 2022

SHEET 10 OF 10