

# GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.

2. 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

3. Maintain a minimum of 10-foot 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.

4. Maintain a minimum of 2-foot 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.

5. Maintain a minimum of 2-foot 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 edge-to-edge, at the closest point.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

11. 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.

12. 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.

13. 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](mailto: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.

14. All elevations shown are NAVD 88.

15. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

16. 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.

17. 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.

18. City maintenance of water mains ends at right-of-way or easement line or within two feet of vault.

19. 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.

20. 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.

21. 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.

22. 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 preformed during non-peak hours.

23. 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.

24. Deflections at pipe joint or couplings shall not exceed the pipe manufacturers recommended maximum. Where deflections are greater than the maximum allowed, the contractor shall utilize fittings.

25. Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.

26. 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.

27. 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.

28. 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.

29. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

30. Wichita Fire Department inspections may be scheduled by calling Dawnita Reinhardt at 316-268-4574.

# WATER DISTRIBUTION SYSTEM

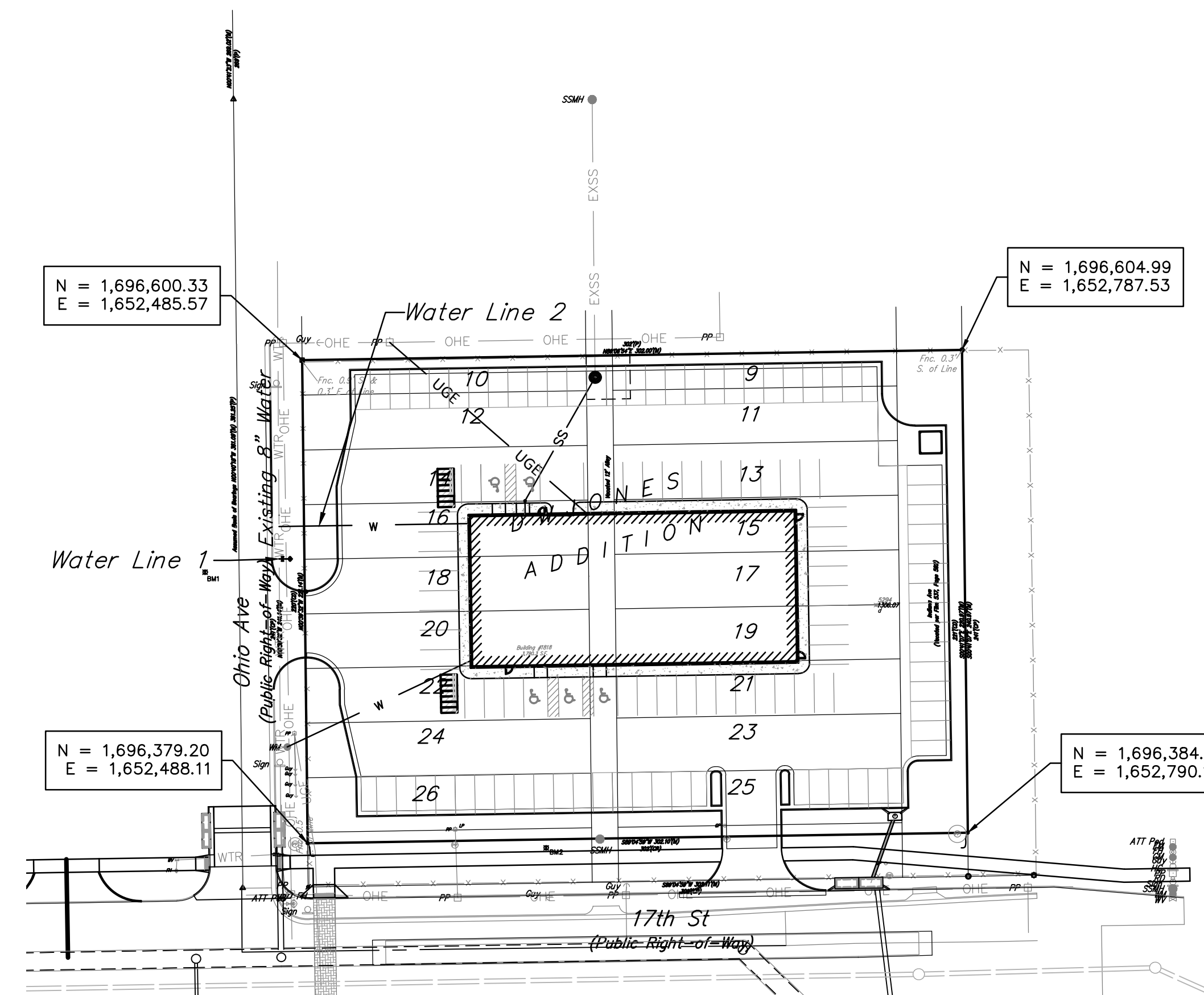
to serve

# A PORTION OF LOTS 8&9 AND LOTS 11-26 D W JONES ADDITION

1818 N Ohio  
Wichita, KS

Gary Janzen, P.E. City Engineer

Project Number  
2021-004841 PPW  
54030980



## Benchmarks

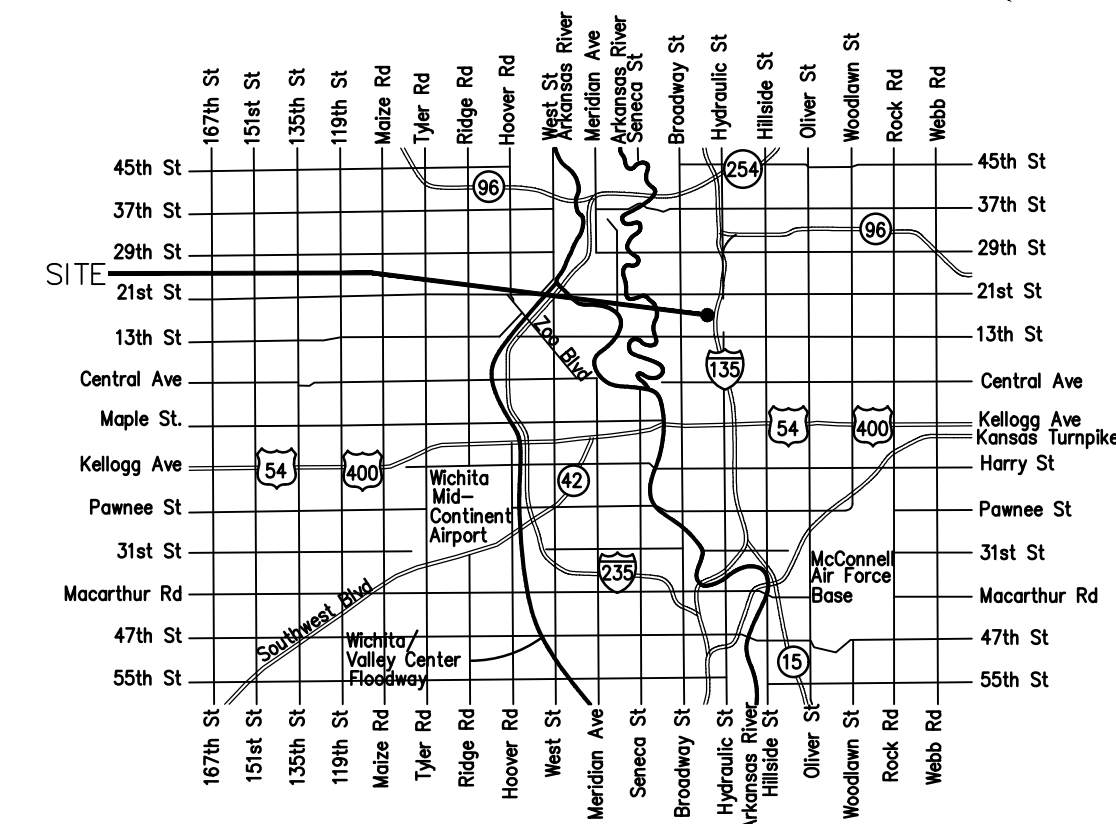
Site Benchmark - 1  
Chiseled cross on top of curb on west side of Ohio Street located approximately 173.9' north and 16.9' west of the intersection of centerlines of 17th Street N and Ohio.  
Elevation = 1306.57 (NAVD 88)

Site Benchmark - 2  
Baughman cap located approximately 139.2 feet west and 47.7 feet north of the intersection of centerlines of 17th Street N and Ohio.  
Elevation = 1306.86 (NAVD 88)

**AS BUILT PLANS**  
 Contractor: McCullough Excavating  
 Inspector: Larry Powell, Baughman Co.  
 As Builts by: KEK, 4/23/21

## Sheet Index

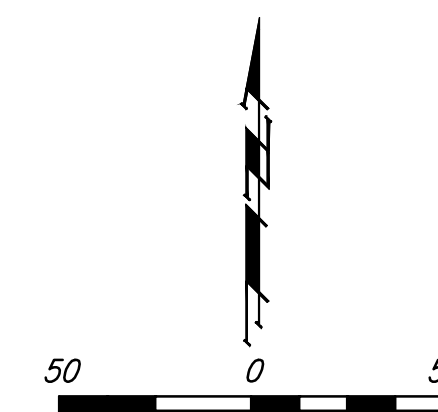
- Title Sheet
- Line 1 & 2
- Std. Water Assembly Detail
- Std. Water Service Detail
- Miscellaneous Water Details
- Erosion Control Plan
- Back of Curb Protection
- Silt Fence Ditch Protection
- Straw Bale Ditch Check
- Street Improvement Projects
- Subvision Development Process
- Copy of Plat



## Vicinity Map

Clow Valves

Mueller Fire Hydrant



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

Engineering approved by Shawn Mellies 2-19-2021  
 Utilities approved by Greg Lolley 2-19-2021  
 Fire Dept. approved by Jose Ocadiz 2-19-2021

NOTE TO CONTRACTORS

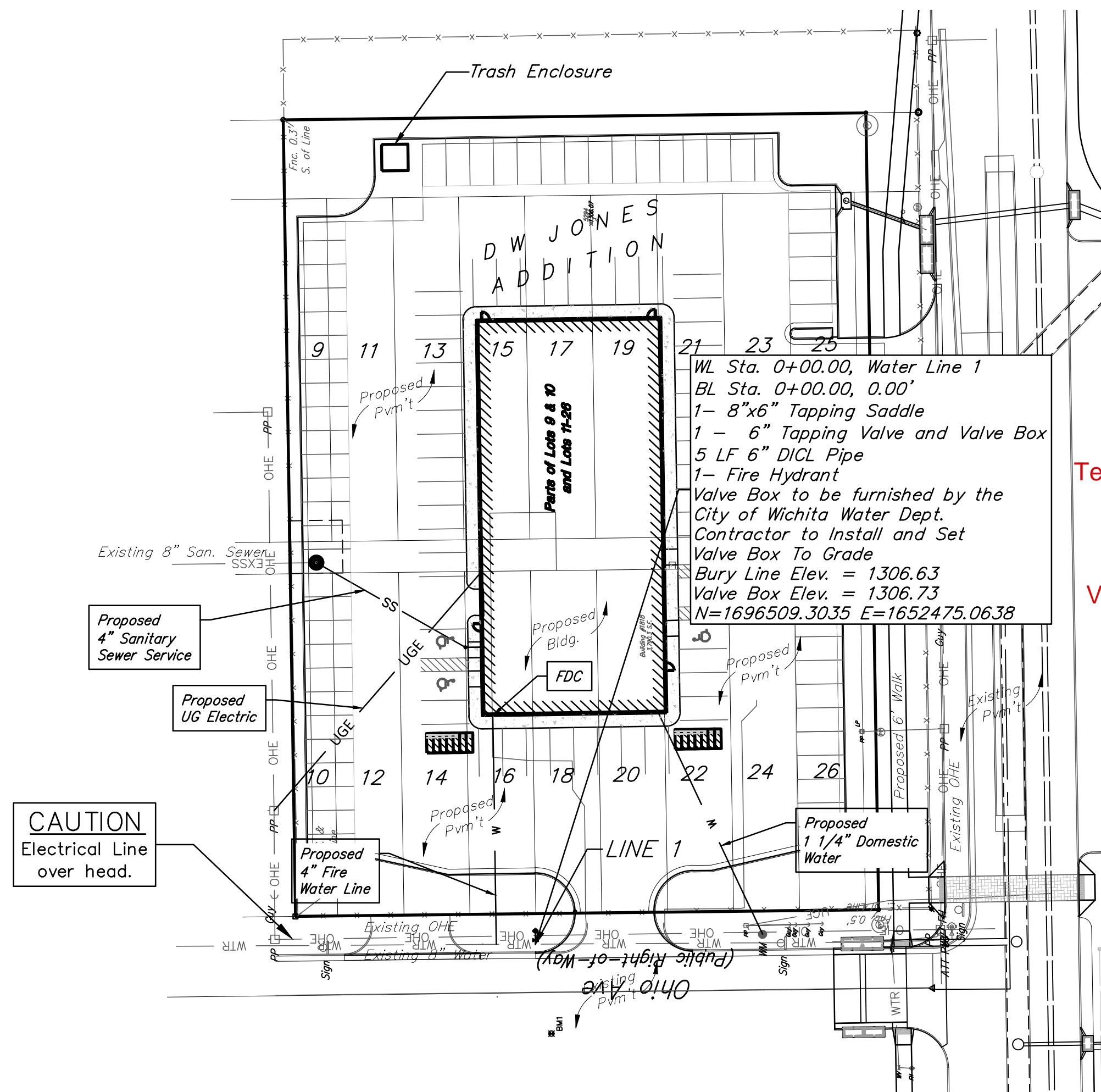
Public Property:  
 Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional 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.



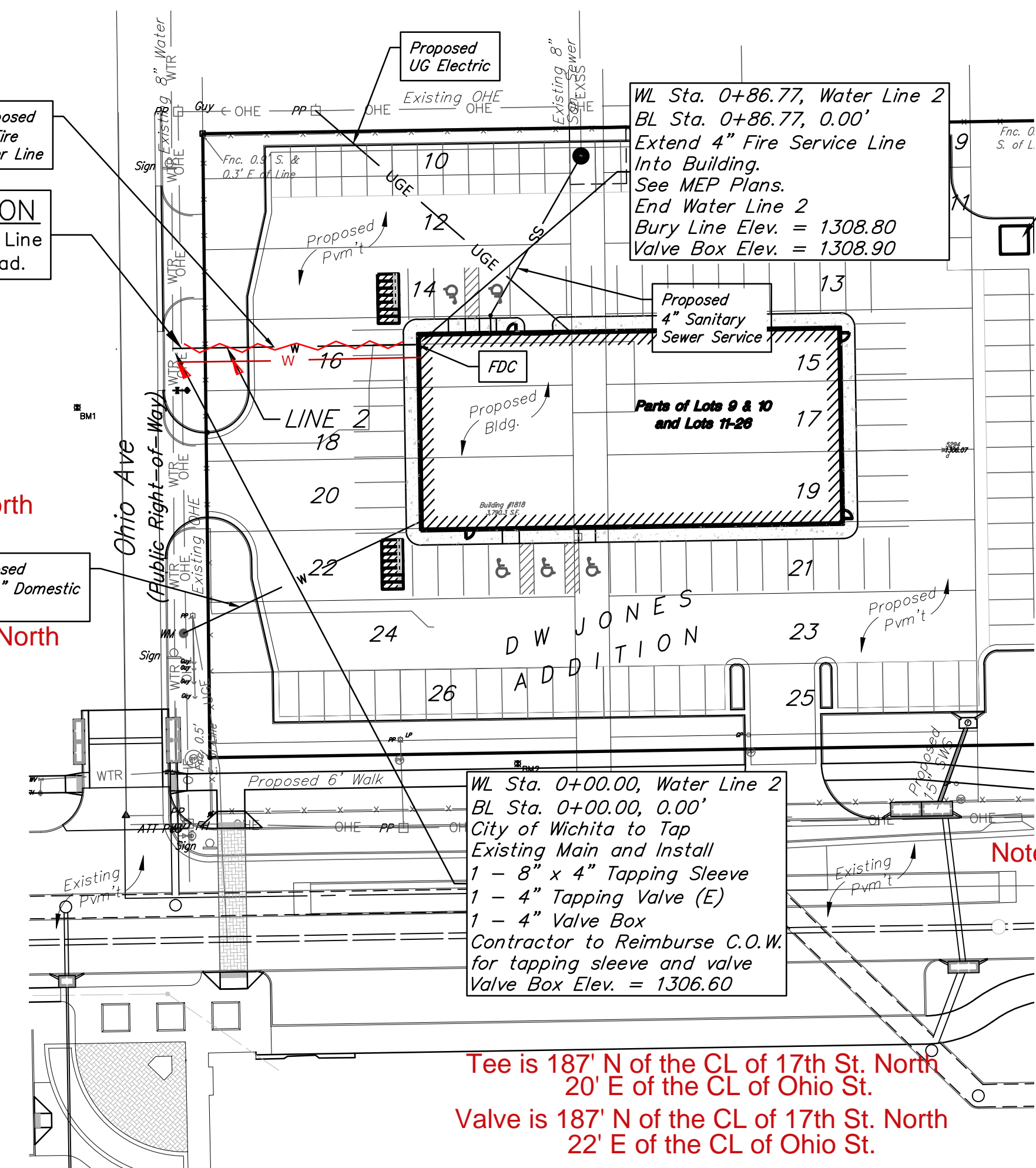
February 21



Tee is 175' N of the CL of 17th St. North  
20' E of the CL of Ohio St.  
5' W of the Fire Hydrant

Valve is 175' N of the CL of 17th St North  
22' E of the CL of Ohio St.  
3' W of the Fire Hydrant

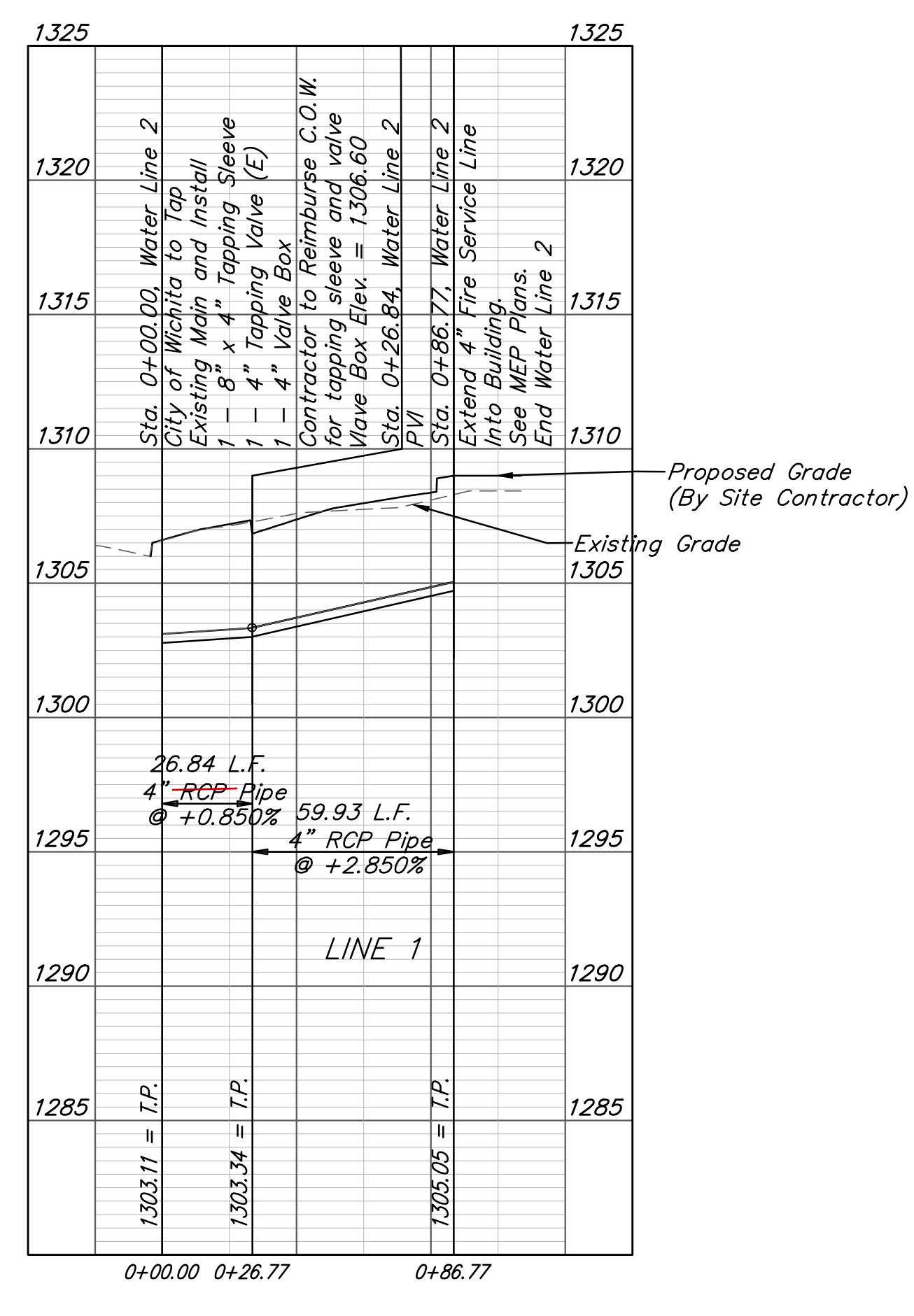
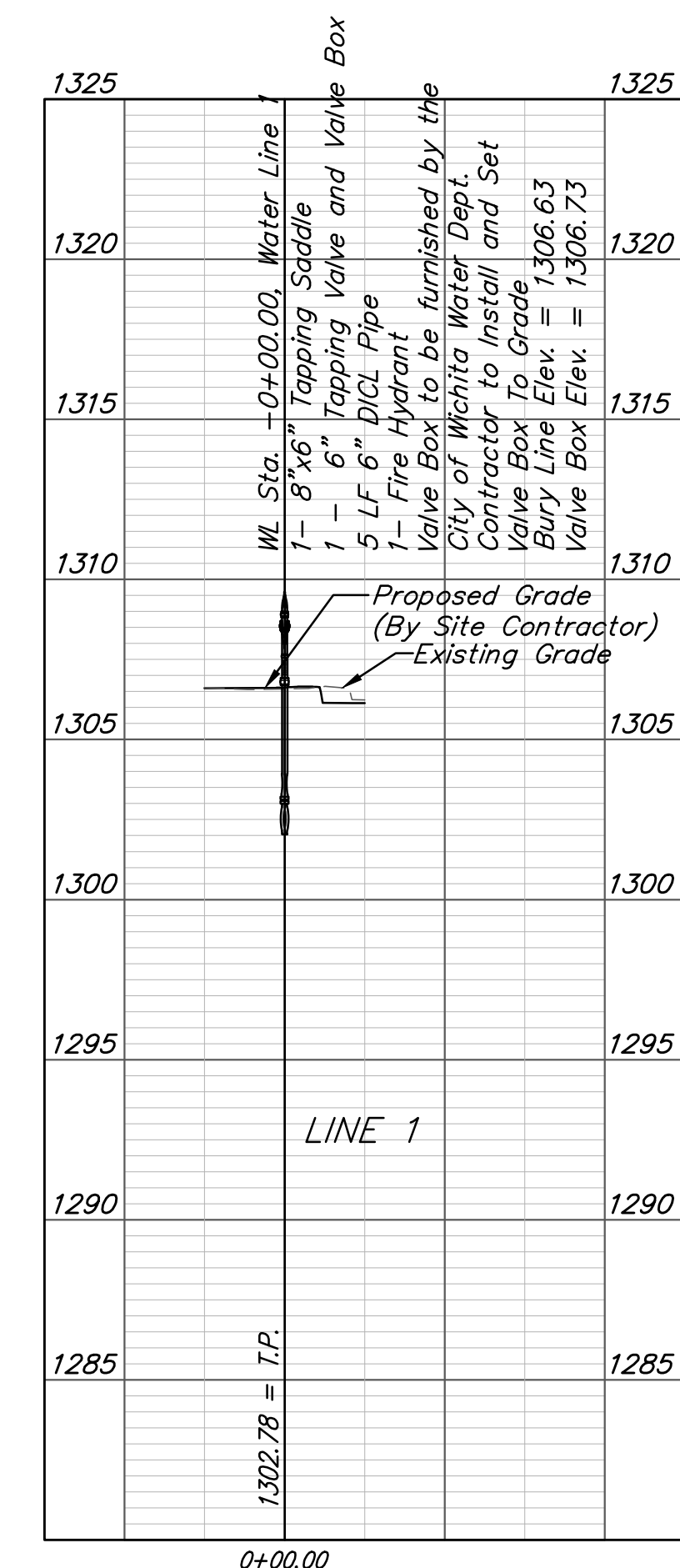
DEPTH UNKNOWN  
Contractor to Verify  
Depth & Location of  
Existing Water Line  
Prior to Construction.



Tee is 187' N of the CL of 17th St. North  
20' E of the CL of Ohio St.

Valve is 187' N of the CL of 17th St. North  
22' E of the CL of Ohio St.

Note: Line 2 was moved 4'  
South to Avoid a Large Tree.



FIRE HYDRANTS REQUIRED					
LINE	STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
1	0+00.00	1306.63	1302.78	4.5	-

### Benchmarks

Site Benchmark - 1  
Chiseled cross on top of curb on west side of Ohio Street located approximately 173.9' north and 16.9' west of the intersection of centerlines of 17th Street N and Ohio. Elevation = 1306.57 (NAVD 88)

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**LEGAL DESCRIPTION**

A Portion of Lots 9 and 10 and Lots 11-26, D W Jones Addition, Wichita, Kansas.

**SITE INFORMATION**

Total Area: ±66,770.1 sq. ft. (1.53 acres)  
 Disturbed Area: ±66,770.1 sq. ft. (1.53 acres)  
 Impervious Area, pre-const: ±11,197.5 sq. ft. (0.26 acres)  
 Impervious Area, post-const: ±56,279.4 sq. ft. (1.29 acres)

**BENCHMARKS**

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**KANSAS ONE CALL**

Contractor shall be required to provide notice to Kansas One Call at 287-2470 a minimum of three (3) working days prior to any excavation or work adjacent to utilities.  
 Kansas One Call 1-800-DIG-SAFE

**UTILITY CONTACTS**

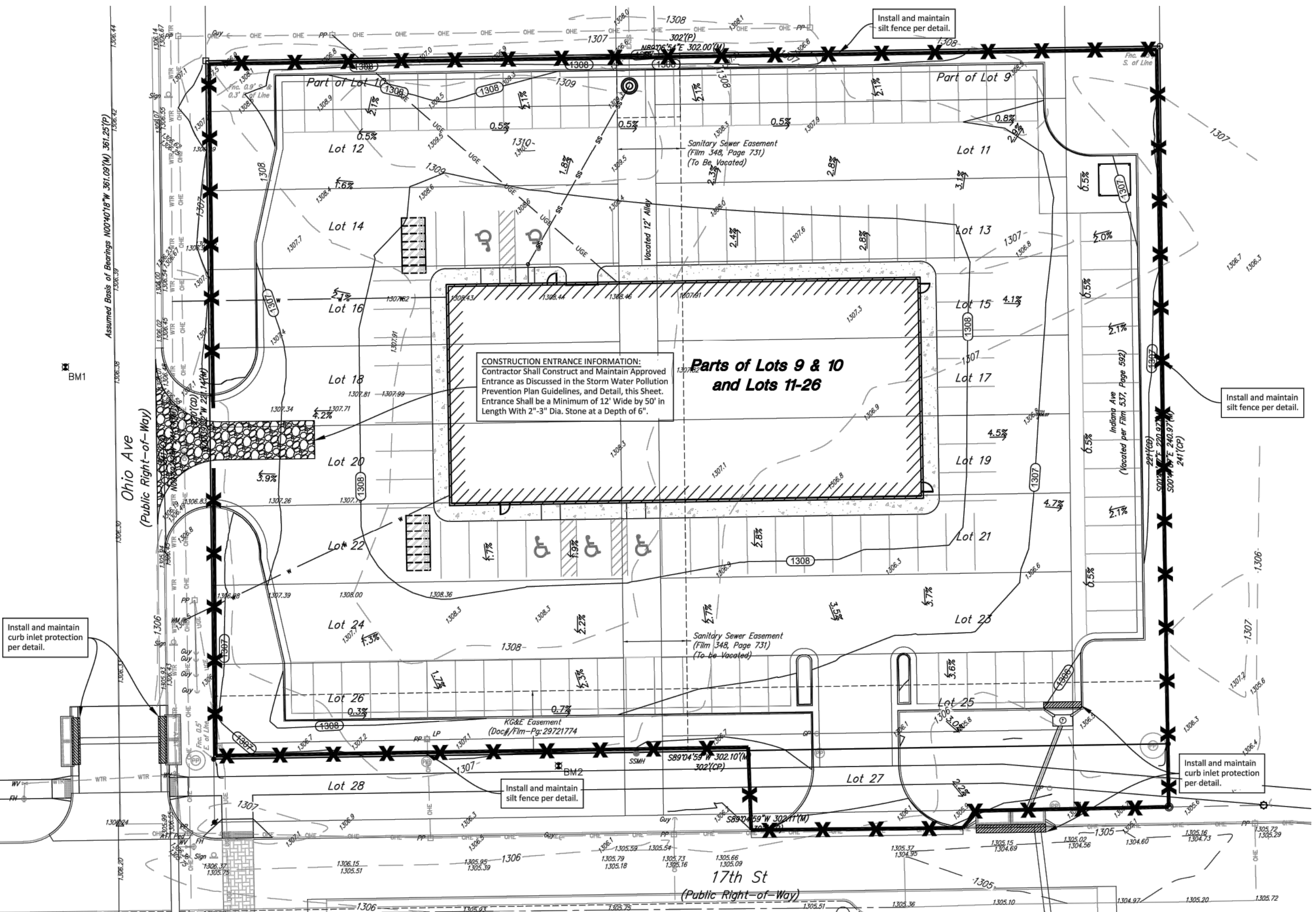
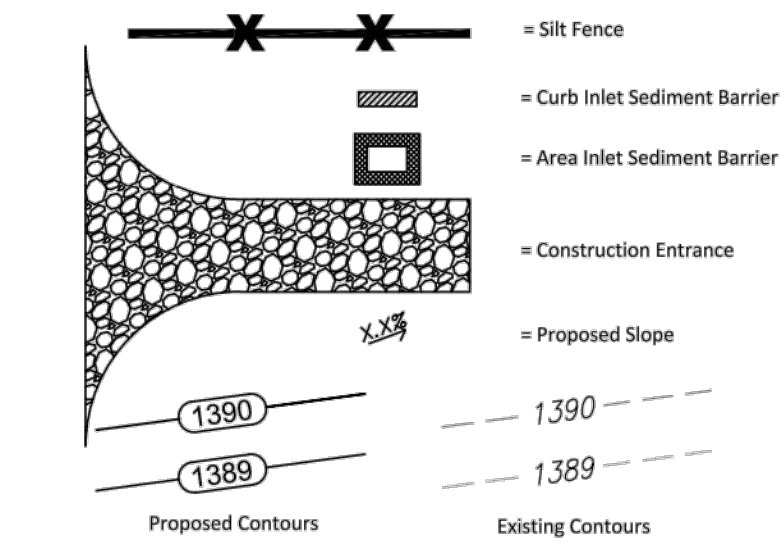
The Contractor must notify the following in case of an emergency:

Kansas Gas Service (Gas).....	1-888-482-4950
Black Hills Energy (Gas).....	1-800-303-0357
Evers (Electric).....	383-8650
Cox Communications (Telecommunication).....	262-4270
AT&T (Telecommunication).....	268-2759
City of Wichita Water Dept. (Water).....	268-4563
or 268-4908	
City of Wichita Sewer Maint.(San. Sewer).....	268-4024
or 262-6000	
City of Wichita Storm Sewer Maint. (Storm Sewer).....	268-4090
City of Wichita Traffic Maint.(Traf. Control).....	268-4034
or 268-4203	

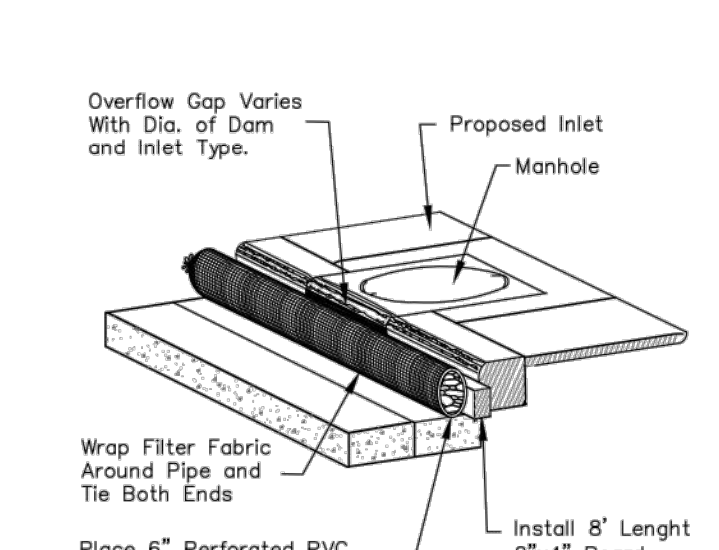
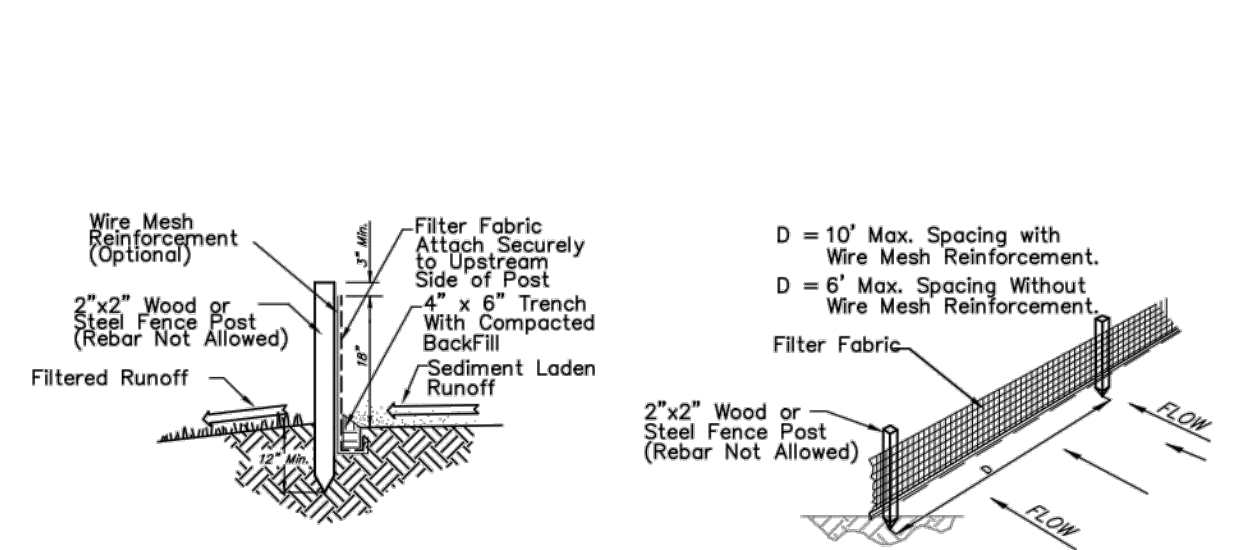
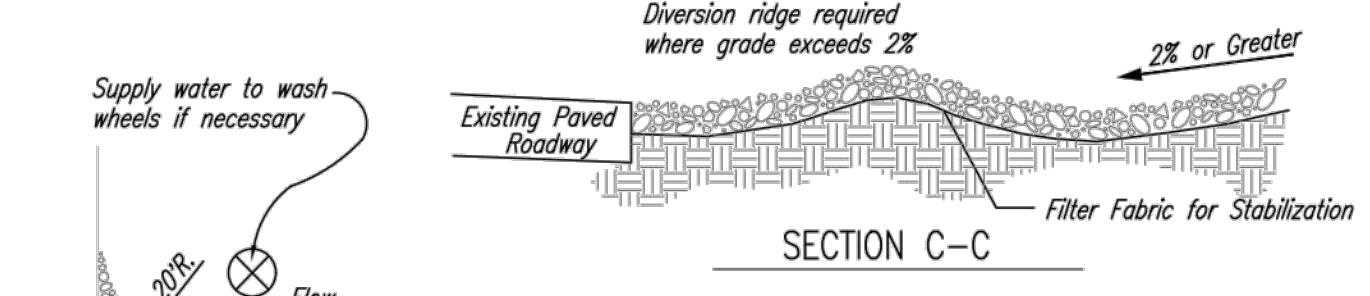
**EROSION CONTROL NOTES**

- No land clearing or grading shall begin until all applicable erosion control measures have been installed. This project is subject to this SWPPP Plan. The Contractor shall comply with any unusual requirements as necessary for the site to be in compliance during construction, per this plan and City specs (See #11).
- All exposed areas shall be seeded as specified within 14 days of final GRADING. Seed is to include straw mulch, crimped in place per industry standards.
- Should construction stop for longer than 14 days, the site shall be seeded as specified.
- Maintain erosion control measures after each rain and at least once a week.
- This plan shall not be considered all inclusive as the contractor shall take all necessary precautions to prevent soil sediment from leaving the site.
- Contractor shall comply with all state and local ordinances that apply.
- Additional erosion and sediment control measures will be installed if deemed necessary by on site inspection.
- Land disturbing activities shall not commence until approval to do so has been received by governing authorities.
- If installation of storm drainage system should be interrupted by weather or nightfall, the pipe ends shall be covered with filter fabric.
- See Landscape Plan for ground treatments in all disturbed areas beyond impervious surfaces.
- This SWPPP Plan should be in job trailer and/or on site at all times. The Contractor is responsible for any needed changes, updates or maintenance to BMP's on site. This plan may change and updates need to be recorded and documented on the plan. This plan is a flexible plan, due to changing site conditions and weather. Please inform Landscape Architect and/or Engineer of changes to plan.
- ANY substitutions for the sediment control devices shown, must be approved by the Landscape Architect and/or Engineer prior to any uses on site.
- An NPDES Permit Application has been submitted for this property. A copy of this application must be kept at the job site for the duration of the construction process.

**EROSION CONTROL LEGEND**



**EROSION CONTROL PLAN**  
 SCALE 20 0 20



- 1 STABILIZED CONSTRUCTION ENTRANCE**  
 NOT TO SCALE
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
  - DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.

**2 SILT FENCE DETAIL**  
 NOT TO SCALE

**3 TYPE 1 INLET PROTECTION**  
 NOT TO SCALE

**FOR REFERENCE ONLY  
 NOT TO SCALE**

**League 42**  
 1818 N Ohio Avenue  
 Wichita, Kansas

PRELIMINARY  
 PLAN. NOT FOR  
 CONSTRUCTION.  
 This document is  
 preliminary in nature  
 and is not a final,  
 signed and sealed  
 document.

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

**C3.0**



Baughman Company, P.A.  
 1818 N. Ohio St., Wichita, KS 67211  
 ENGINEERING | PLANNING | LANDSCAPE ARCHITECTURE  
 Travis R. Baughman, P.E., License No. 71874  
 Date: 2/22/21

League 42 DW Jones Addition  
**EC PLAN**  
 Stormwater Sewer Improvements

