

# GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
  - 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.
  - 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.
  - 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 from edge-to-edge, at the closest point.
- 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
Evergny	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 adjoining 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 valve 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 consultant 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 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 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 NAVD88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions per City specifications.
- 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 work on this project can commence. Quotes can be obtained on fees by calling Chris Stone at 316-268-4641.
- City maintenance of water mains ends at right-of-way.
- 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 manufacturers 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 inches and larger are to be operated by the City Water Distribution Division, 48 hours of advance notice is required.
- 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 contractor's 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 spread or stockpiled at a location to be determined by developer.
- All of Central Ave. R/W disturbed during construction shall be seeded and mulched as follows:
 

Seed -- Kansas Premium Fescue Blend; 8 lbs. PLS/1000 Sq. Ft.  
Annual Rye grass; 3 lbs./1000 Sq. Ft.  
Fertilizer -- 12-24-12 Ratio; 45 Lbs./Ac.  
Mulch -- 2 Tons Prairie Hay/Ac.

All other areas disturbed during construction are to be seeded as follows:

Seed -- Rye grass; 5 lbs./1000 Sq. Ft.

All costs associated with seeding including mobilization, preparation of ground, seeding, fertilizing, mulching, etc. shall be included in the L.S. bid item "Seeding".

An additional bid item for "Seeding, Temporary" has been included and may be used at the discretion of the design engineer. Temporary seed shall be Annual Rye at 5 lbs./1000 Sq. Ft. unless otherwise noted and shall be planted when permanent seed or sod cannot be used due to seasonal limitations. If the "Seeding, Temporary" bid item is not used, 100% of the pay item will be deducted from the contract. All costs associated with temporary seeding including mobilization, preparation of ground, seeding, etc., shall be included in the L.S. bid item "Seeding, Temporary".
- The Contractor shall not begin work on the until the Project Inspector is assigned and Any work completed without inspection will be required to be uncovered for inspection at Contractor's expense.

# AS-BUILT PLANS

## WATER DISTRIBUTION SYSTEM

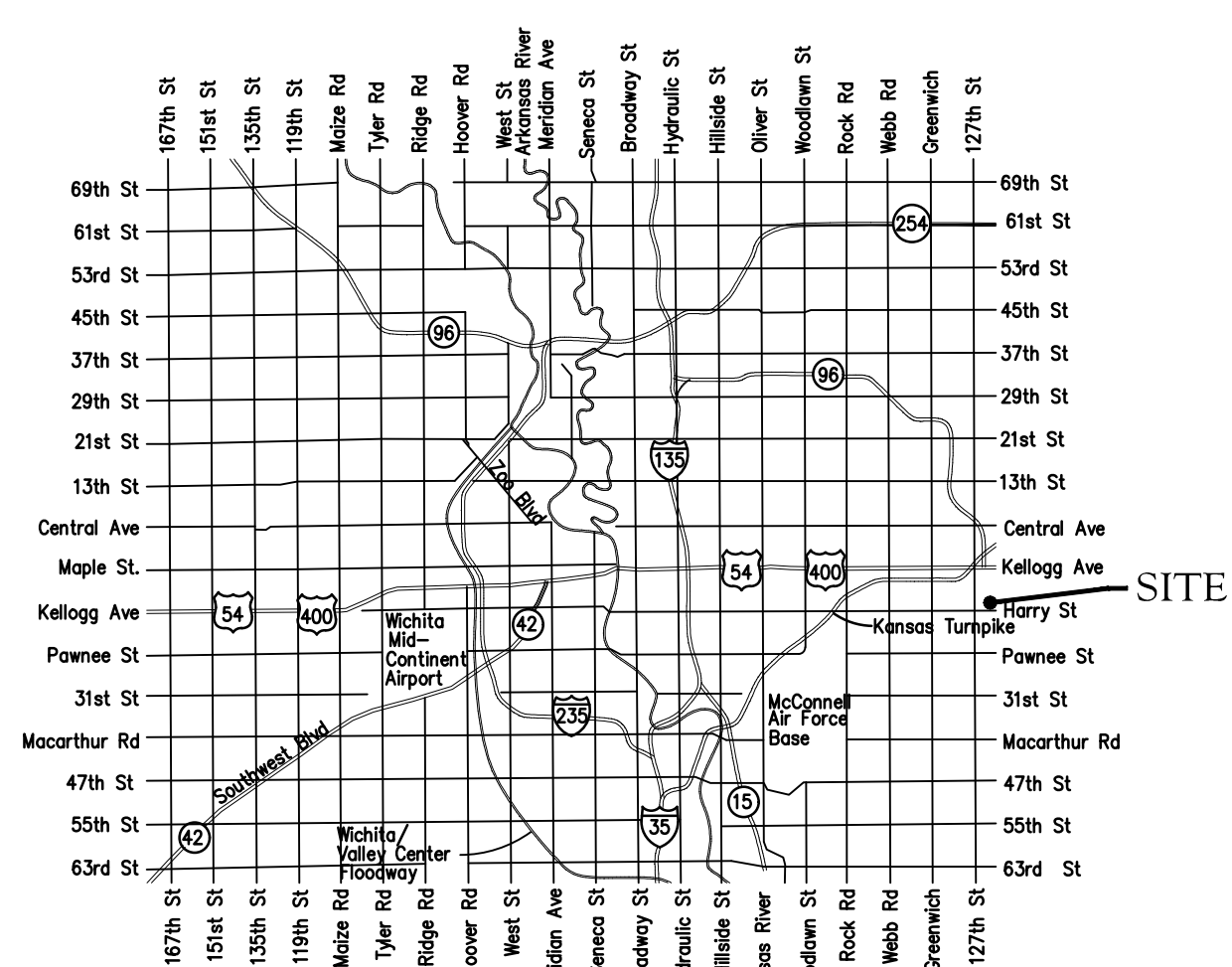
to serve

# TGC Addition

13800 E Harry St

## CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E. City Engineer  
2025-008225PPW  
54030980



Vicinity Map

Baughman Job No.: 25-06-E154

### Sheet Index

Title Sheet	1
Line 1	2-3
Erosion Control/Grading Plan	4
Std. Water Assembly Detail	5
Miscellaneous Water Details	6
Erosion Control BMP Details	7-11
Copy of Plat	12
<b>As-Built Sketch Line 1</b>	<b>3A</b>

Construction Began = August 2025  
Construction End = November 2025

Double Check Detector Valve Assembly:  
Water Meter = Badger.  
Water Meter Serial # = 211688220  
Final Water Meter Reading = 00002.34 Cu. Ft.  
ERT Serial # = 74899588

Utility Contractor = Fremar Corp.  
Inspection By = Baughman Company.  
Inspector = Fred Smith  
As-Built Plans = FES + Larry Powell  
11-10-2025.  
Revised 11-22-2025

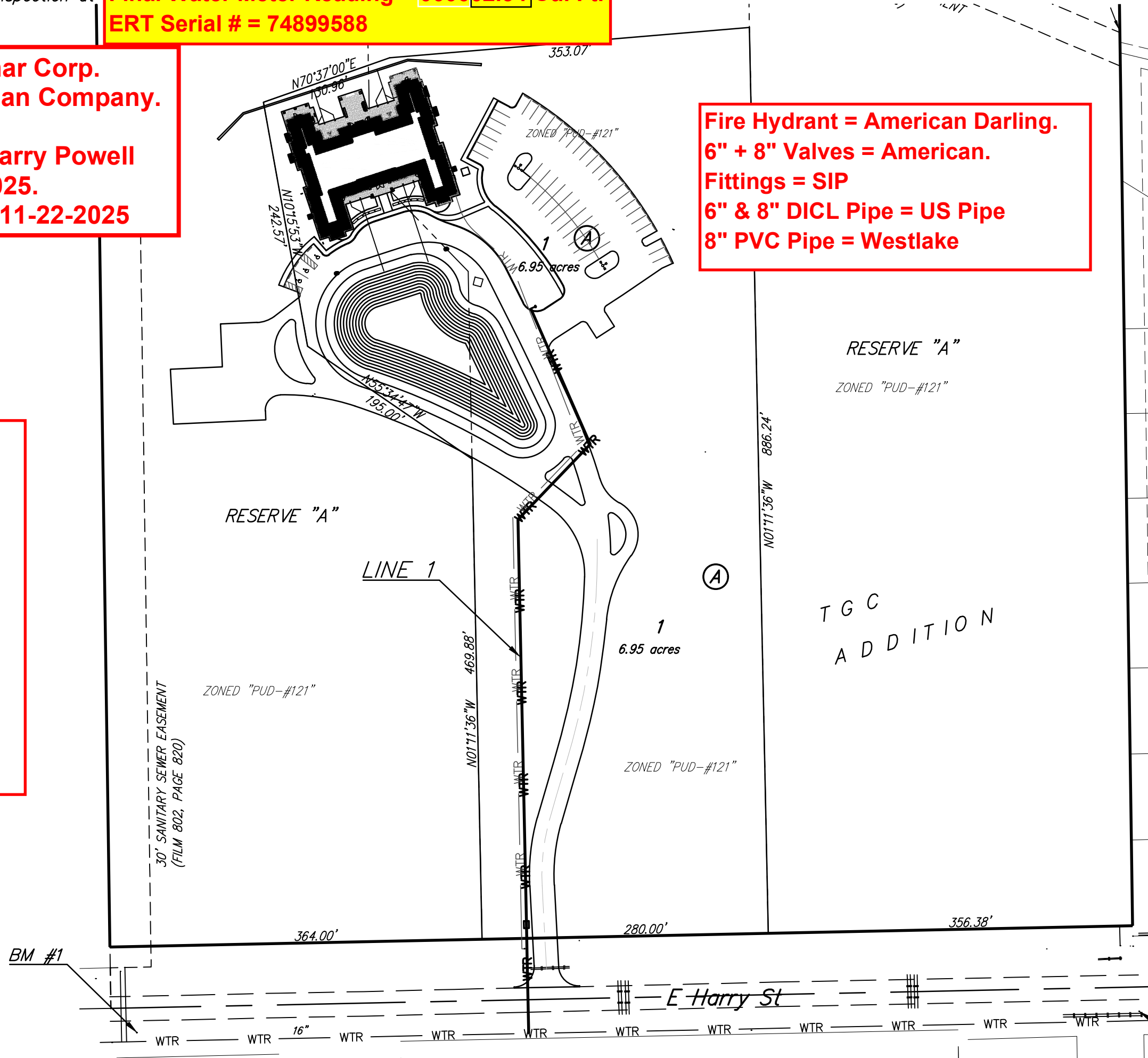
Fire Hydrant = American Darling.  
6" + 8" Valves = American.  
Fittings = SIP  
6" & 8" DICL Pipe = US Pipe  
8" PVC Pipe = Westlake

Control Points used for As-Built GPS Survey Shots.

### Benchmarks

Site Benchmark - 1  
Rebar #4 at N 1678460.29, E1694305.47  
Elevation = 1316.05 (NAVD 88)

Site Benchmark - 2  
"X" chiseled on top of culvert pipe at N 1678481.08, E1695285.83  
Elevation = 1315.04 (NAVD 88)



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

Engineering approved by Shawn Mellies on 4/21/2025  
Utilities approved by Greg Lolley on 4/21/2025  
Fire Dept. approved by Bill Herold on 4/21/2025

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 inspection 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.



April 21, 2025

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

E:\Projects\TGC\_Plat\_143RD & Harry\_23-1-19250\Engineering\Phase 1\PPW\PPW.dwg

**BENCHMARKS:**  
 Site Benchmark - 1  
 Rebar #4 at N 1678460.29, E1694305.47  
 Elevation = 1316.05 (NAVD 88)

Site Benchmark - 2  
 "X" chiseled on top of culvert pipe at N  
 1678461.08, E1695285.83  
 Elevation = 1315.04 (NAVD 88)

**From CL E. Harry St. + S. Willow Oak St.:**  
**TAP Sleeve = 31' South + 568' West.**  
**TAP Valve Box Lid = 29' South + 568' West.**

**TAP Valve Lid Elev. = 1308.63**  
**N=1,678,464.0 E=1,694,689.3**

Sta. 0+00.00, Line 1  
 1 - 16"x8" Tapping Saddle  
 1 - 8" Tapping Valve  
 & Valve Box  
 Tapping saddle, tapping valve  
 & valve box to be furnished  
 and installed by the City of  
 Wichita Water Dept. Contractor  
 to set valve box to grade.  
 Contractor to reimburse City  
 of Wichita for water tap.  
 Begin installation RJPVC  
 pipe under road by  
 directional drilling.

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

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

Contractor to maintain  
 minimum bury of waterline. If  
 site grading is not complete  
 when water is being installed,  
 provide protective fill if  
 needed.

**SEE AS-BUILT  
 SHEET 3-A.**

Sta. 0+70.00, Line 1  
 End installation RJPVC  
 pipe under road by  
 directional drilling.  
 N=1,678,529.33 E=1,694,687.37

**From CL E. Harry St. + S. Willow Oak St.:**  
**Vault Manhole Lid = 79' North + 565' West.**

1+09.5  
 Sta. 1+06.50, Line 1  
 Construct 8" Fire Service  
 Vault with double detector  
 check assembly per Wichita  
 Specifications per Standard  
 Vault Detail Sheet and City  
 Standards.  
 N=1,678,565.82 E=1,694,686.61  
**Top Lid = 1312.61**

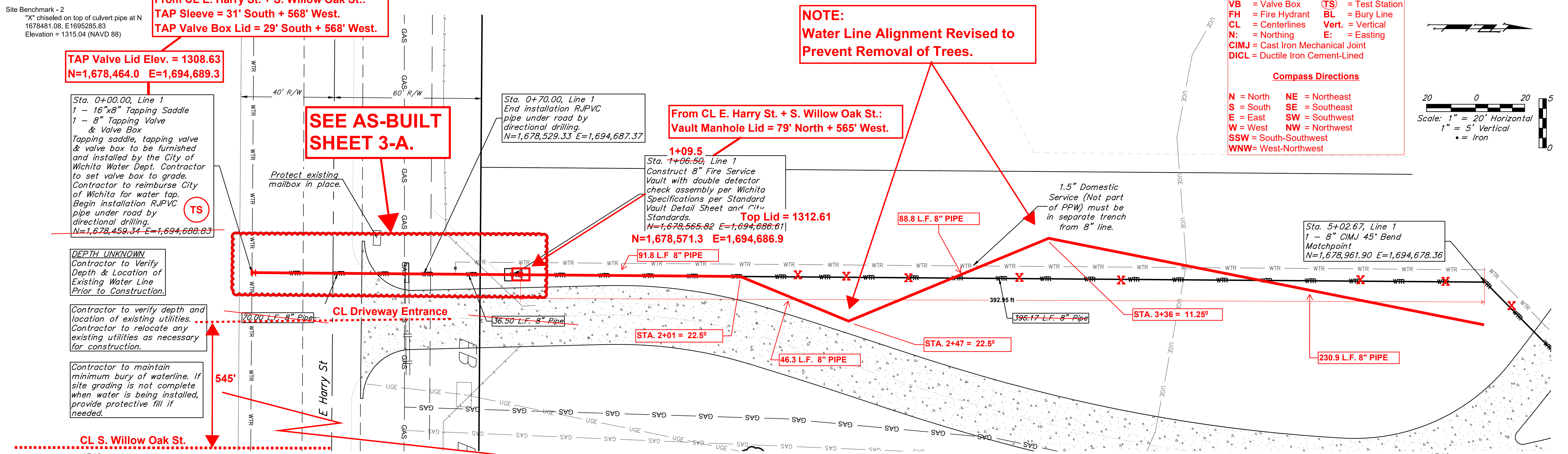
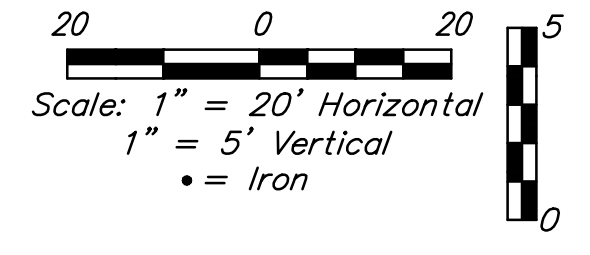
**NOTE:**  
**Water Line Alignment Revised to  
 Prevent Removal of Trees.**

**LEGEND**

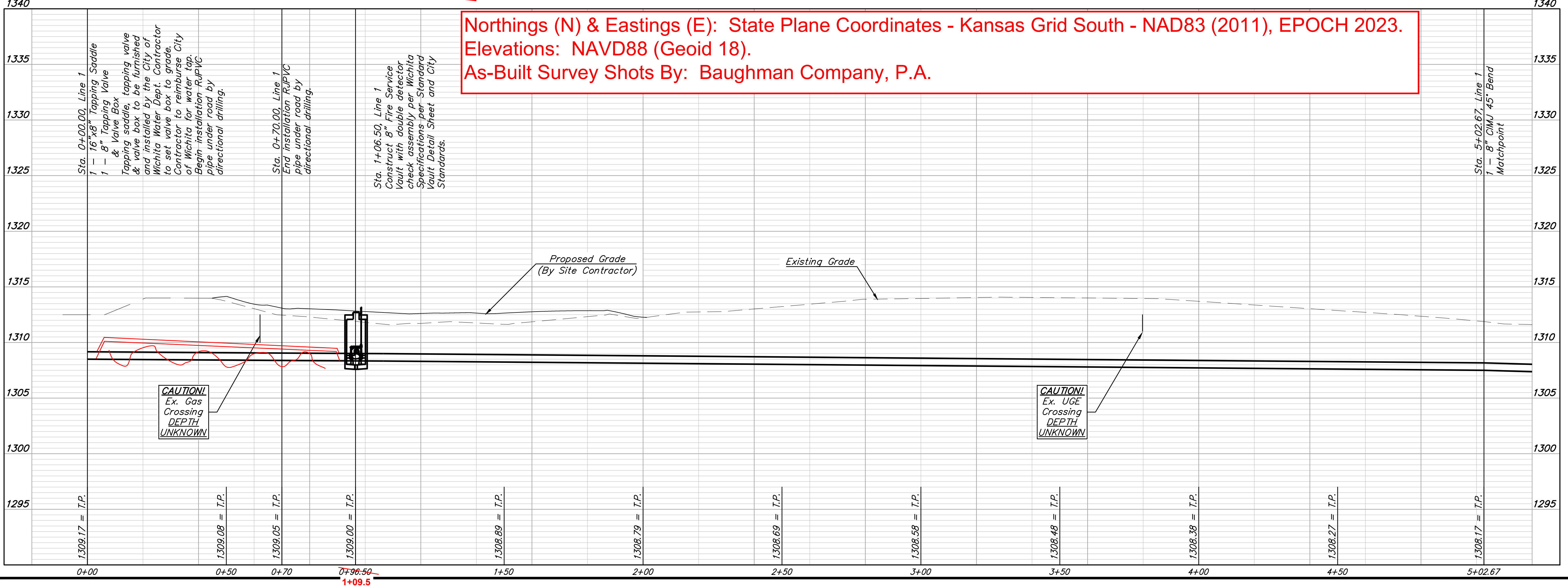
VB = Valve Box    (TS) = Test Station  
 FH = Fire Hydrant    BL = Bury Line  
 CL = Centerlines    Vert. = Vertical  
 N = Northing    E = Easting  
 CIMJ = Cast Iron Mechanical Joint  
 DICL = Ductile Iron Cement-Lined

**Compass Directions**

N = North    NE = Northeast  
 S = South    SE = Southeast  
 E = East    SW = Southwest  
 W = West    NW = Northwest  
 SSW = South-Southwest  
 WNW = West-Northwest



**Northings (N) & Eastings (E): State Plane Coordinates - Kansas Grid South - NAD83 (2011), EPOCH 2023.**  
**Elevations: NAVD88 (Geoid 18).**  
**As-Built Survey Shots By: Baughman Company, P.A.**



**PAUL DAVID McDONALD**  
 LICENSED  
 28630  
 04/21/2025  
 PROFESSIONAL ENGINEER  
 KANSAS

**BAUGHMAN COMPANY**

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

TGC Addition

**LINE 1**

WATER DISTRIBUTION SYSTEM

PROJECT NUMBER:  
 24-12-E986

DESIGN: PDM DRAWN: PDM

DATE: April 21, 2025

SHEET **2** OF **12**

File: E:\Projects\TGC Plat 143RD & Harry 23-11-PP50\Engineering\Phase 1\PPW\PPW.dwg

BENCHMARKS:  
 Site Benchmark - 1  
 Rebar #4 at N 1678460.29, E1694305.47  
 Elevation = 1316.05 (NAVD 88)  
 Site Benchmark - 2  
 "X" chiseled on top of culvert pipe at N  
 1678481.08, E1695285.83  
 Elevation = 1315.04 (NAVD 88)

**NOTE:**  
**Water Line Alignment Revised to  
 Prevent Removal of Trees.**

**From CL E. Harry St. + S. Willow Oak St.:**  
**TEE = 675' North + 562' West.**  
**6" FH Valve = 676' North + 560' West.**  
**Fire Hydrant = 678' North + 556' West.**

**FH 6" Valve:**  
**N=1,679,168.1**  
**E=1,694,691.9**

**Fire Hydrant:**  
**N=1,679,169.9**  
**E=1,694,695.6**

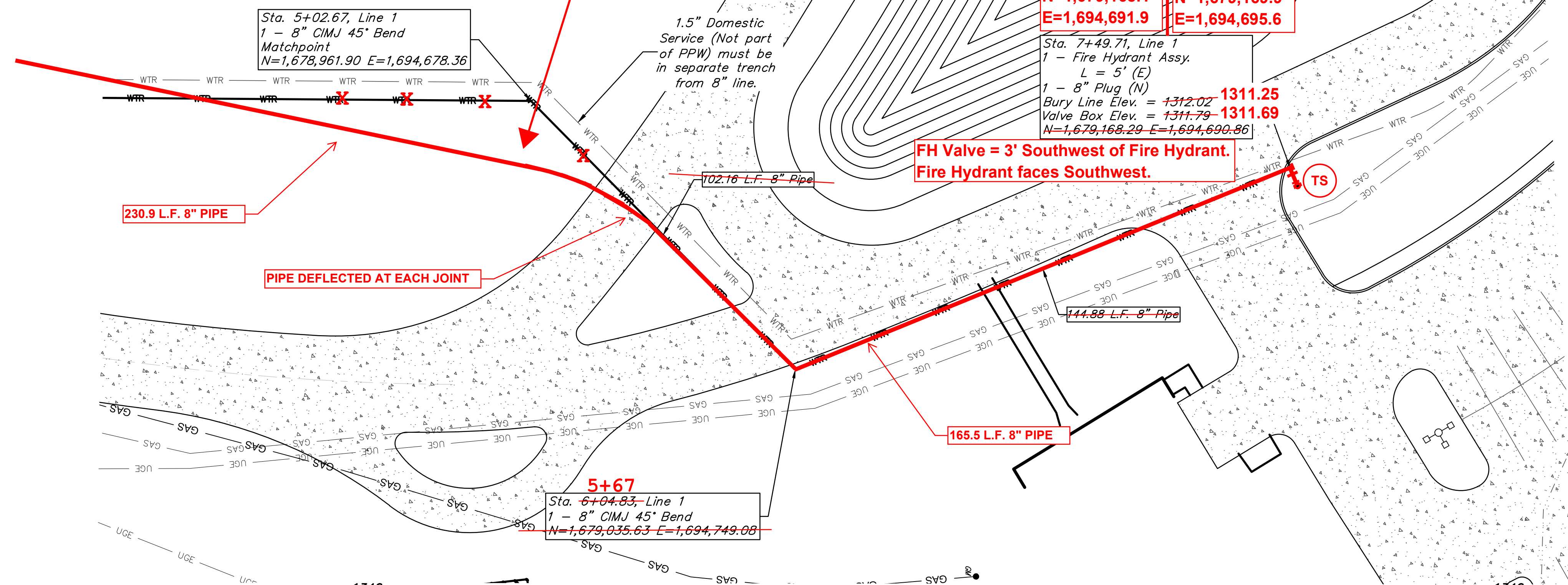
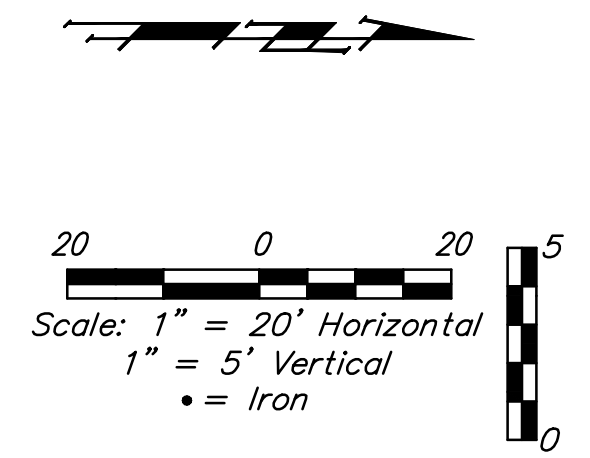
**FH Valve = 3' Southwest of Fire Hydrant.**  
**Fire Hydrant faces Southwest.**

**LEGEND**

VB = Valve Box    **TS** = Test Station  
 FH = Fire Hydrant    BL = Bury Line  
 CL = Centerlines    Vert. = Vertical  
 N = Northing    E = Easting  
 CIMJ = Cast Iron Mechanical Joint  
 DICL = Ductile Iron Cement-Lined

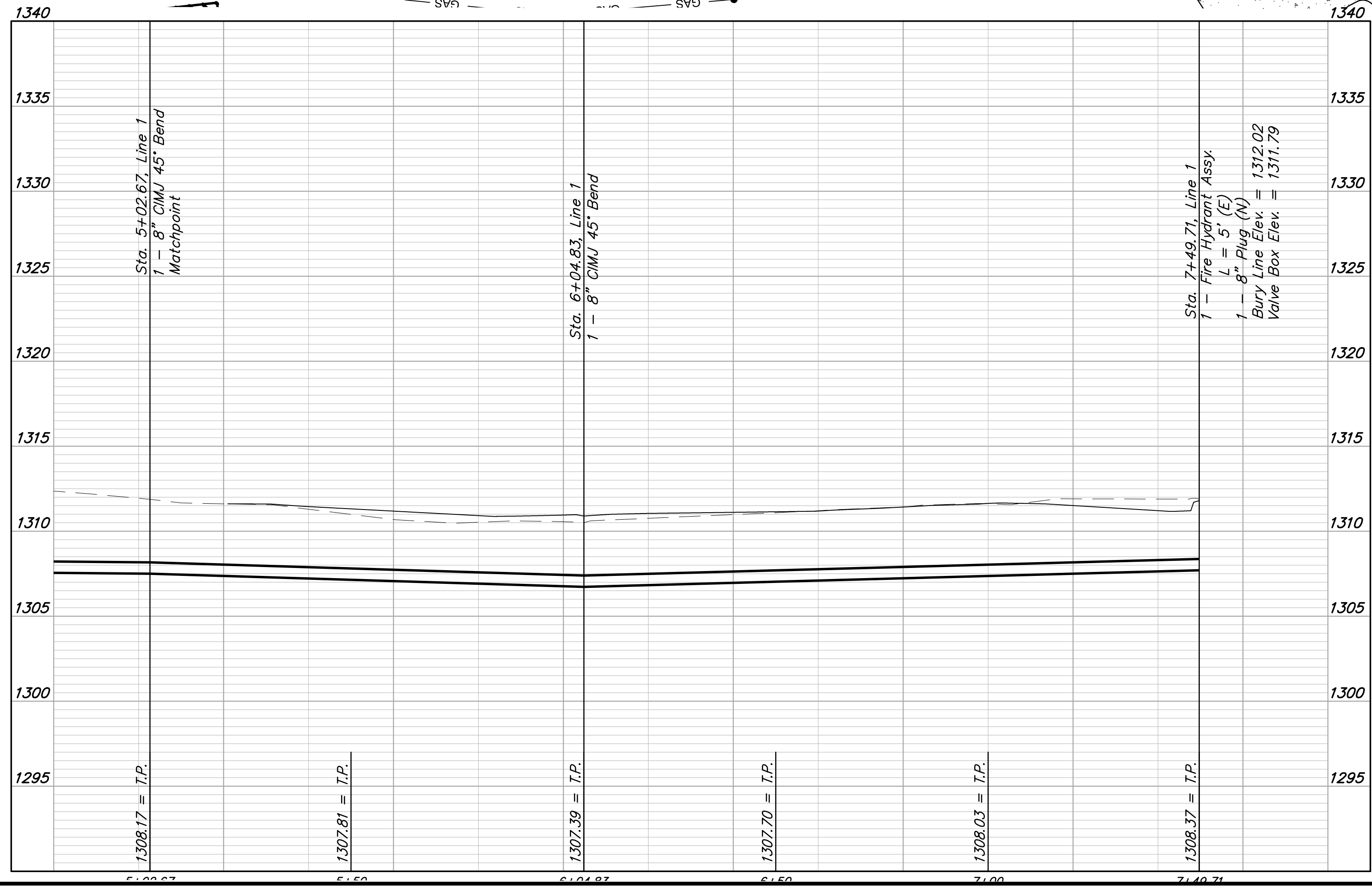
**Compass Directions**

N = North    NE = Northeast  
 S = South    SE = Southeast  
 E = East    SW = Southwest  
 W = West    NW = Northwest  
 SSW = South-Southwest  
 WNW = West-Northwest



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

Contractor to maintain minimum bury of waterline. If site grading is not complete when water is being installed, provide protective fill if needed.



**BAUGHMAN COMPANY**

315 Ellis St.  
 Wichita, KS 67211  
 316-262-7271  
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TGC Addition

**LINE 1**

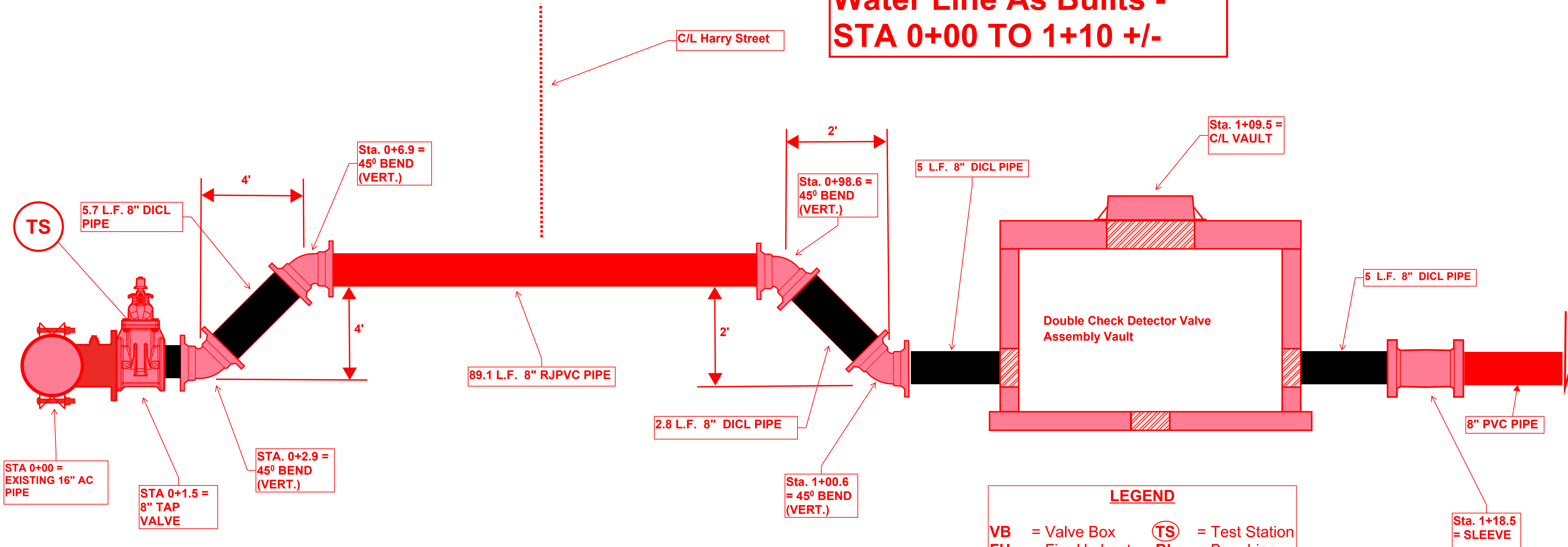
WATER DISTRIBUTION SYSTEM

PROJECT NUMBER:  
 24-12-E986

DESIGN: PDM    DRAWN: PDM  
 DATE: April 21, 2025

SHEET **3** OF **12**

**TGC Addition  
COW # 2025-008225 PPW  
Water Line As Builts -  
STA 0+00 TO 1+10 +/-**



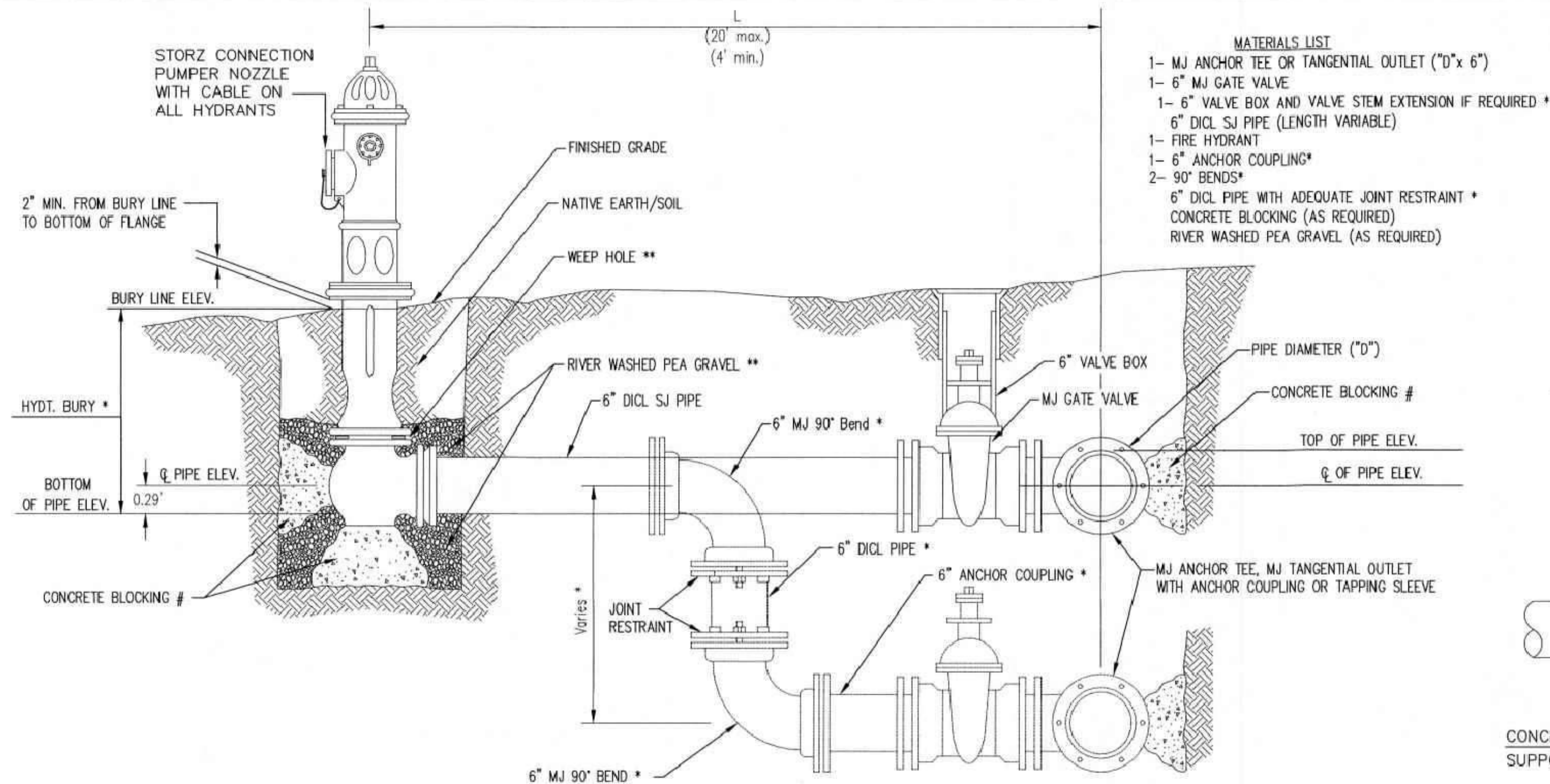
**PROFILE VIEW  
(Looking West)  
Not Drawn to Scale**

**LEGEND**

**VB** = Valve Box      **TS** = Test Station  
**FH** = Fire Hydrant    **BL** = Bury Line  
**CL** = Centerlines    **Vert.** = Vertical  
**N:** = Northing        **E:** = Easting  
**CIMJ** = Cast Iron Mechanical Joint  
**DICL** = Ductile Iron Cement-Lined

**Compass Directions**

**N** = North      **NE** = Northeast  
**S** = South      **SE** = Southeast  
**E** = East       **SW** = Southwest  
**W** = West      **NW** = Northwest  
**SSW** = South-Southwest  
**WNW** = West-Northwest



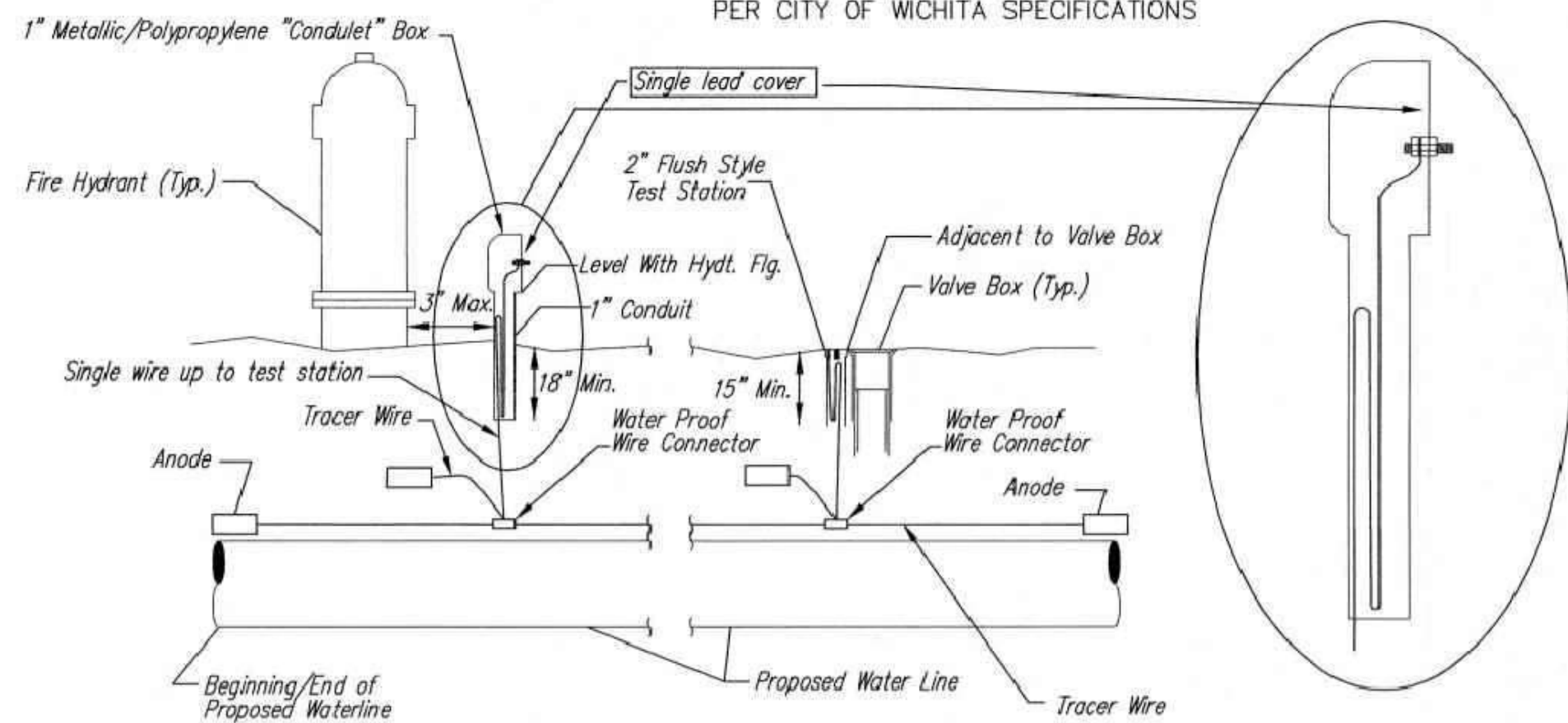
- MATERIALS LIST**
- 1- MJ ANCHOR TEE OR TANGENTIAL OUTLET ("D"x 6")
  - 1- 6" MJ GATE VALVE
  - 1- 6" VALVE BOX AND VALVE STEM EXTENSION IF REQUIRED \*
  - 6" DICL SJ PIPE (LENGTH VARIABLE)
  - 1- FIRE HYDRANT
  - 1- 6" ANCHOR COUPLING\*
  - 2- 90° BENDS\*
  - 6" DICL PIPE WITH ADEQUATE JOINT RESTRAINT \*
  - CONCRETE BLOCKING (AS REQUIRED)
  - RIVER WASHED PEA GRAVEL (AS REQUIRED)

\* IF THE REQUIRED HYDRANT BURY IS IN EXCESS OF 5', BUT LESS THAN 7', CONTRACTOR SHALL USE STANDARD 5' HYDRANT BURY AND HYDRANT BARREL EXTENSIONS AS NECESSARY. IF THE REQUIRED HYDRANT BURY IS GREATER THAN 7', CONTRACTOR SHALL USE 5' HYDRANT BURY, 2-MJ 90° BENDS, 6" ANCHOR COUPLING AND 6" DICL PIPE AS NECESSARY FOR VERTICAL ADJUSTMENT. THE CONTRACTOR SHALL PROVIDE ADEQUATE THRUST BLOCKING AT HYDRANT AND MEGALUGS, OR SIMILAR RESTRAINT BETWEEN 90° BENDS TO SECURE ALL FITTINGS DURING TESTING AND OPERATION. THE CONTRACTOR SHALL PROVIDE A VALVE STEM EXTENSION PER DETAIL THIS SHEET.

\*\* CAUTION: WEEP HOLES TO BE KEPT CLEAR DURING CONSTRUCTION AND BACKFILL. CONCRETE FOR THRUST BLOCKING SHALL NOT OBSTRUCT WEEP HOLES. PLACE 1 CUBIC FOOT OF RIVER WASHED PEA GRAVEL AROUND EACH WEEP HOLE.

# CONCRETE THRUST BLOCKING SHALL BE KEPT CLEAR OF BOLTS, NUTS, AND MJ ACCESSORIES.

**FIRE HYDRANT ASSEMBLY**  
PER CITY OF WICHITA SPECIFICATIONS



**TRACER WIRE**

Conductive type pipe locator/tracer wire shall be install to locate all waterline pipe regardless of pipe material. The wire shall extend the entire length of the proposed pipe. The wire shall be taped to the waterline and pulled with the pipe. A waterproof connector shall be used at splice locations. A complete list of approved tracer wire and waterproof connectors can be found on the City of Wichita's website at [www.wichita.gov](http://www.wichita.gov).

**WIRE**  
The tracer wire shall be Blue No. 12 AWG CCS with 45 mil HDPE insulation. To allow for grade adjustment, a minimum of 12" of excess wire shall be coiled at the bottom of the test station for all wires. Wire connectors shall be installed per manufacturer recommendations. Contractor shall attach wire being installed with proposed water main to any tracer wire installed with adjacent waterline projects.

**TEST STATIONS**  
The test station for fire hydrant application shall be a 1" "conduit" style station as manufactured by AGRA Industries with a removable solid cover having a single lead extending from the face or approved equal. The "conduit" style test station shall be attached to a 1" rigid galvanized conduit with a minimum length of 36" and plastic end bushing. The flush style shall have the word "WATER" stamped or molded into the lid. The test station for valve applications shall be a 2" flush style test station with wire connector on lid. Model # T2PH7B1LP Handley Industries or CD14\*TP SnakePit as manufactured by Copperhead Industries or approved equal. The flush style shall have the word "WATER" stamped or molded into the lid. All test stations shall be manufactured using molded blue tops or sufficiently coated with blue enamel paint. The tracer wire and the anode wire shall be install to allow 12" of wire within the test station. The location of all test stations shall be recorded, and shown in the as-built drawings. Flush style test stations shall not be installed in pavement or sidewalk unless approved by the Engineer. Contractor shall extend tracer wire & move flush mount test station to nearest location out of pavement or sidewalk.

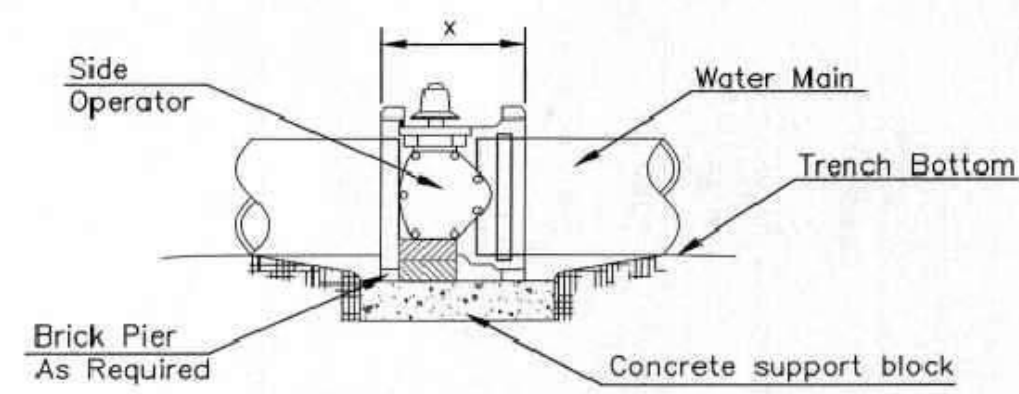
**ANODES**  
The anodes shall be 3 lb. bare zinc or magnesium. The anodes shall be buried at the same elevation as the waterline at each test station. The anodes shall be connected to 12 AWG CCS which shall be extended to the test station.

**TRACER WIRE DETAIL**

COST IS SUBSIDIARY TO PIPE INSTALLATION

FIRE HYDRANTS REQUIRED				
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
STA 7+49.71	1312.02	1308.37	4.0'	None.
	1311.25			

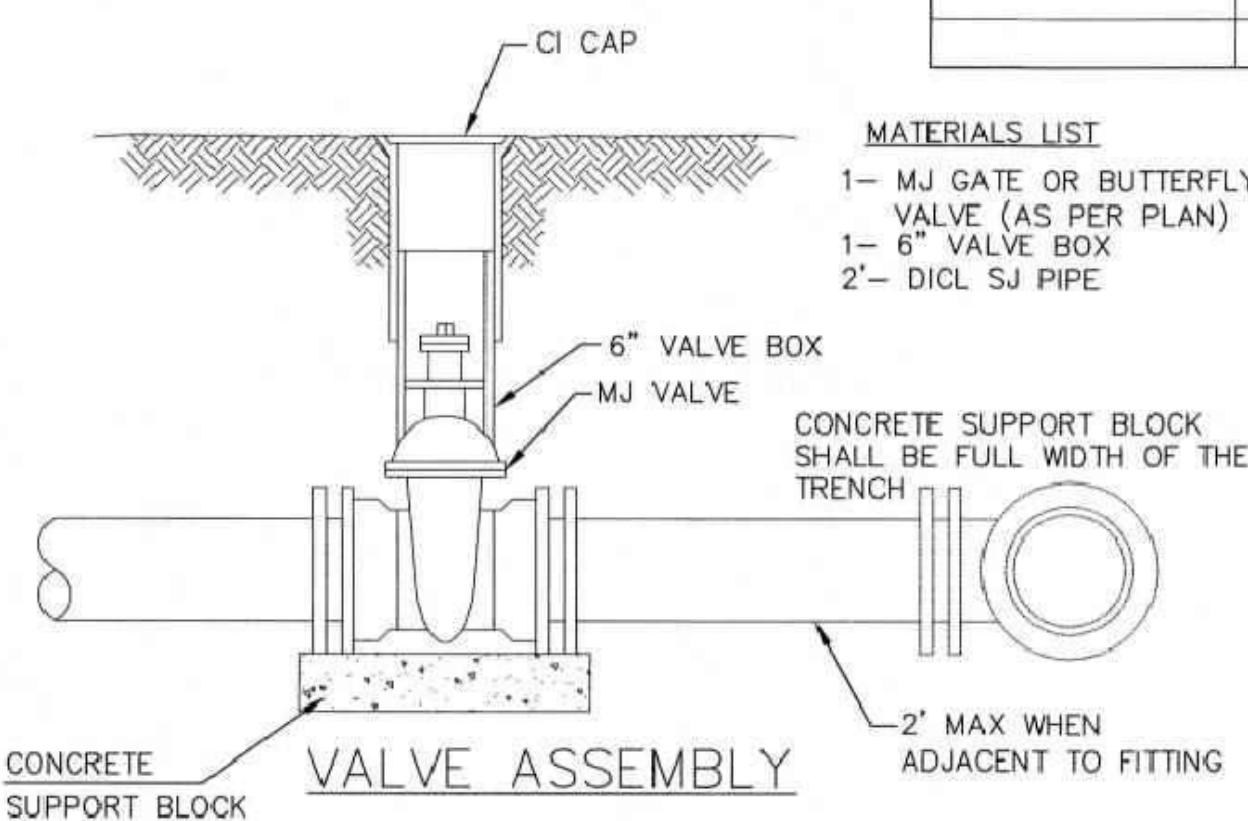
**FH BARRELL EXTENSION**  
None.



**NOTES**

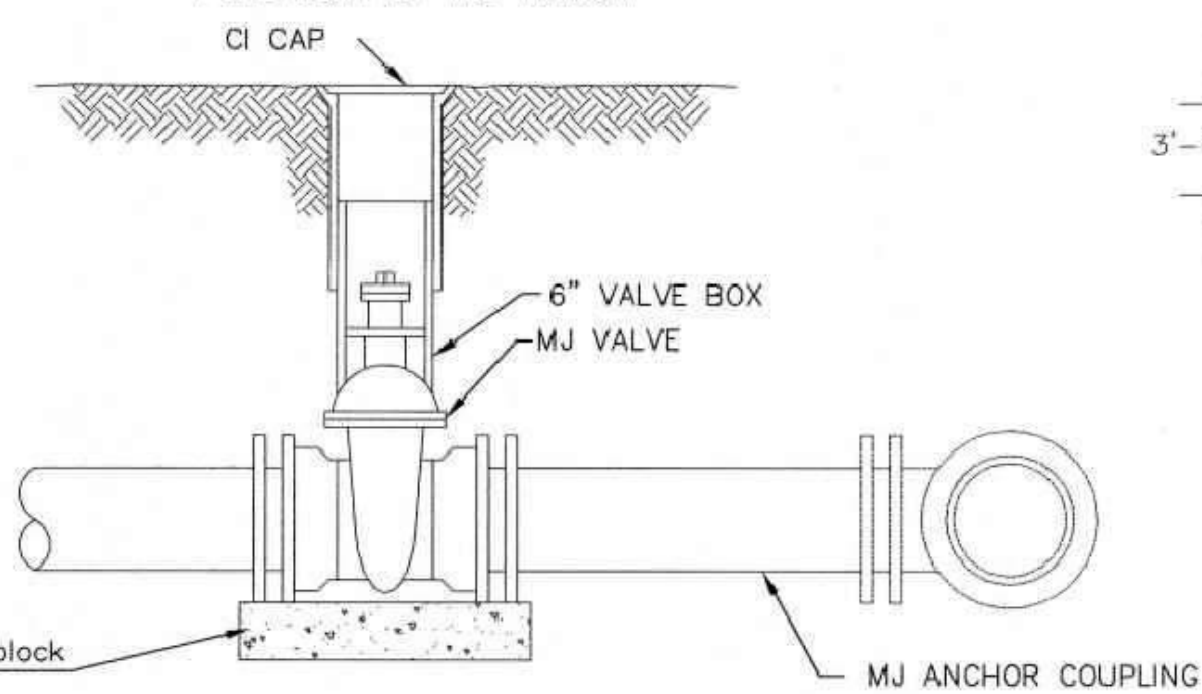
- This detail covers Butterfly Valve installation, inclusive, regardless of type of pipe or joint used. 24" and larger lines to be detailed on plans.
- 6" Valve Box and Cover required per City of Wichita Std. Specifications.
- Conc. Support Block to be full width of trench.

**CONCRETE SUPPORT BLOCKING FOR BUTTERFLY VALVE INSTALLATION**



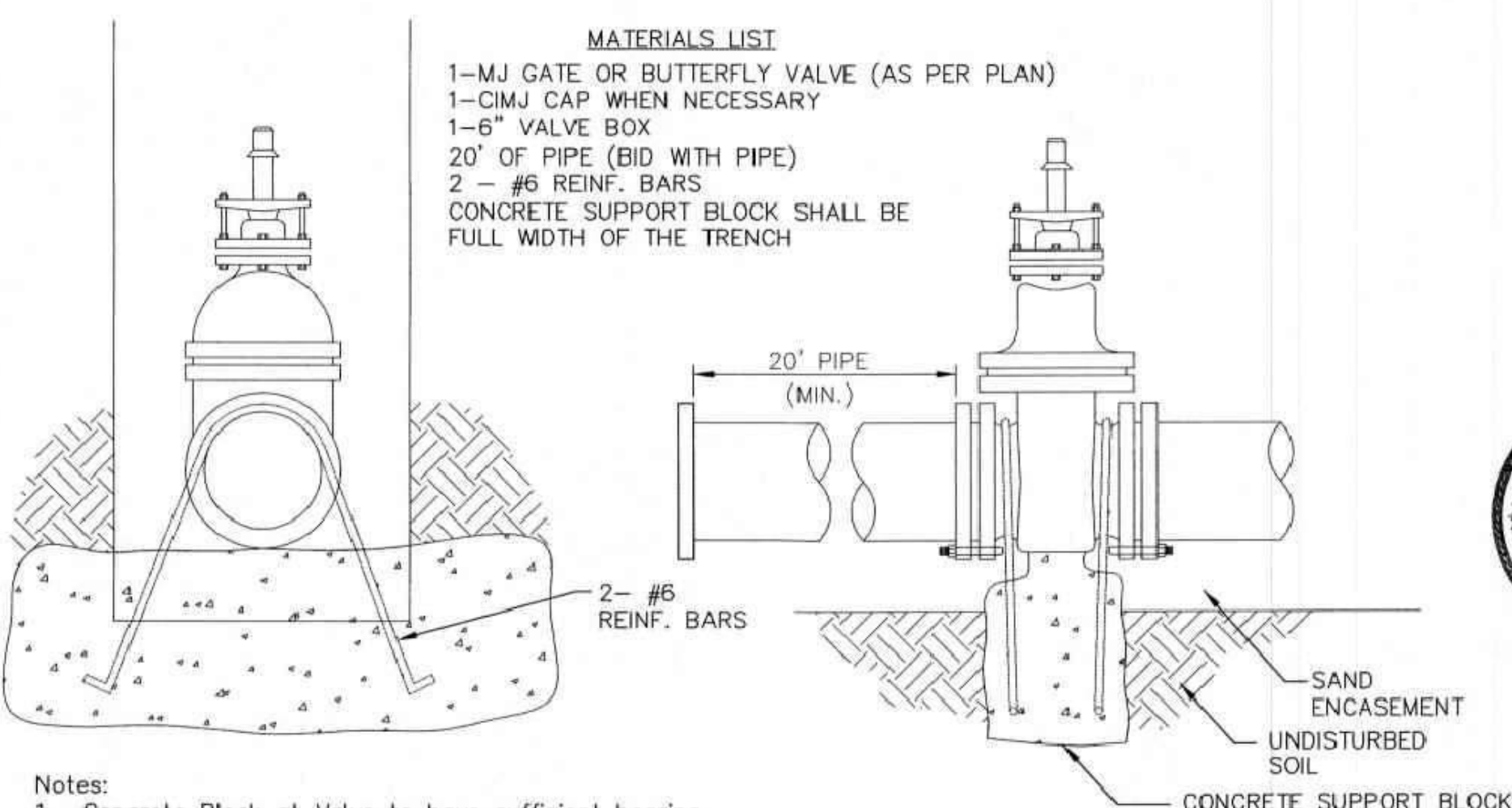
- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
  - 1- 6" VALVE BOX
  - 2'- DICL SJ PIPE

- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
  - 1- MJ ANCHOR COUPLING (12" OR SMALLER)
  - 1- 6" VALVE BOX
  - CONCRETE SUPPORT BLOCK SHALL BE FULL WIDTH OF THE TRENCH



**ANCHORED VALVE ASSEMBLY**

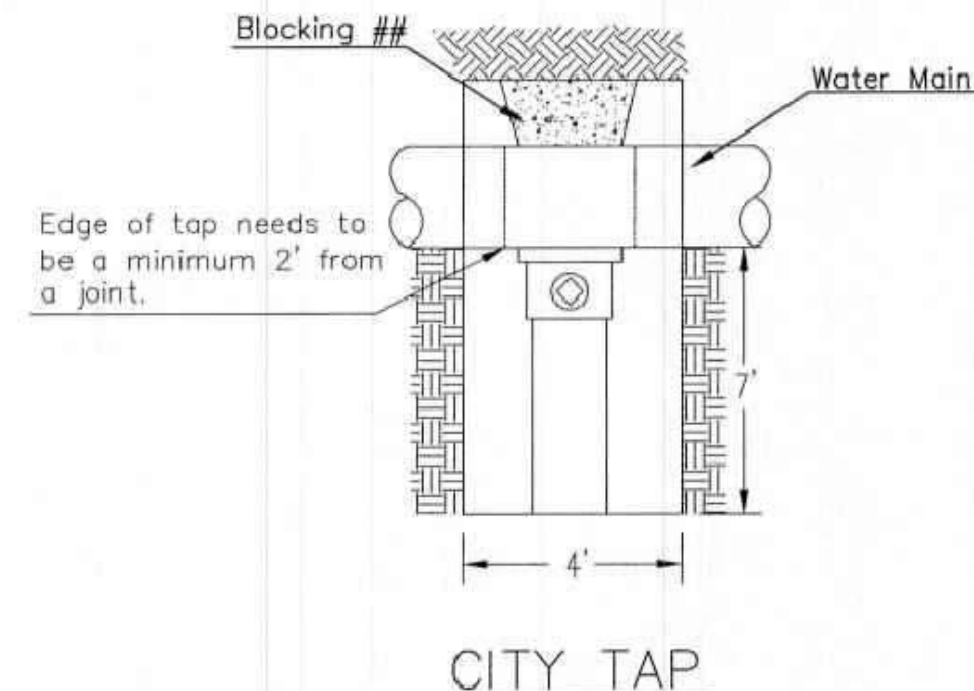
- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
  - 1- CIMJ CAP WHEN NECESSARY
  - 1- 6" VALVE BOX
  - 20' OF PIPE (BID WITH PIPE)
  - 2 - #6 REINF. BARS
  - CONCRETE SUPPORT BLOCK SHALL BE FULL WIDTH OF THE TRENCH



- Notes:**
- Concrete Block at Valve to have sufficient bearing in undisturbed soil to prevent thrust movement as shown in table at right. Field Engineer to determine thrust loading of undisturbed soil and final size of thrust block.
  - The thrust block shall be constructed such that bolts, nuts, and other MJ accessories are kept clear of concrete.
  - All valves at dead ends and at other locations as called out on the plans shall be blocked as shown here.

THRUST AT VALVES	
VALVE	THRUST AT 150 #/sq
4"	1809 lbs.
6"	4245 lbs.
8"	7540 lbs.
12"	16965 lbs.

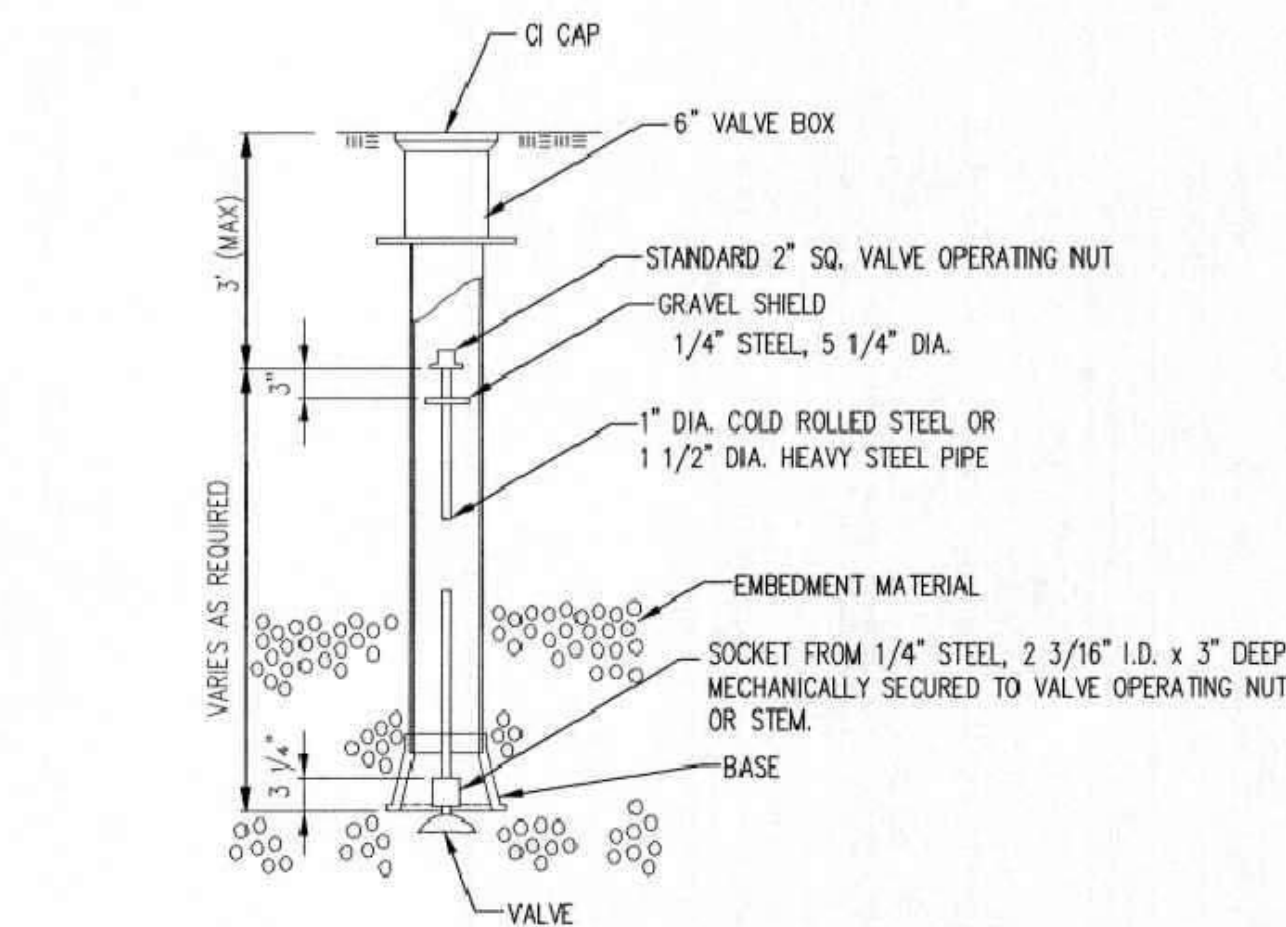
**ANCHORED VALVE ASSEMBLY, SPECIAL**



## When the City of Wichita makes tap, blocking is to be done by Contractor

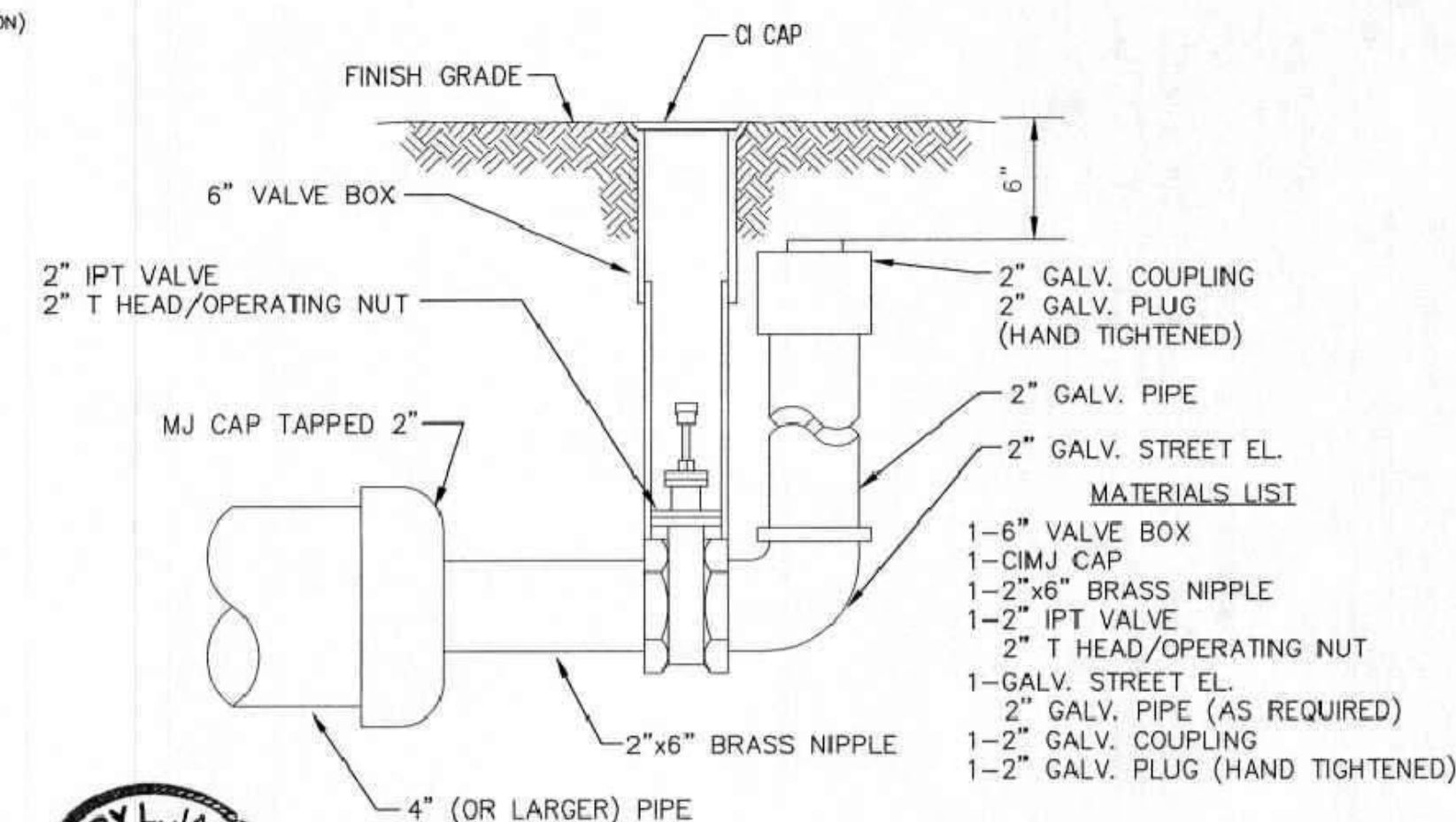
**PROTECTIVE FILL DETAIL**

MINIMUM PROTECTIVE FILL SHALL BE PROVIDED IN ALL INSTANCES WHERE COVER OVER THE PROP. WATER LINE IS LESS THAN 3'. (COST SUBSIDIARY TO PIPE INSTALLATION)



**VALVE STEM EXTENSION DETAIL**

NOTE: ONE VALVE STEM EXTENSION FOR EACH VALVE BURIED GREATER THAN 5'.



**2" BLOWOFF ASSEMBLY**



**CITY OF WICHITA**  
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

STANDARD WATER ASSEMBLY DETAIL  
CITY ENGINEER  
**GARY JANZEN, P.E.**

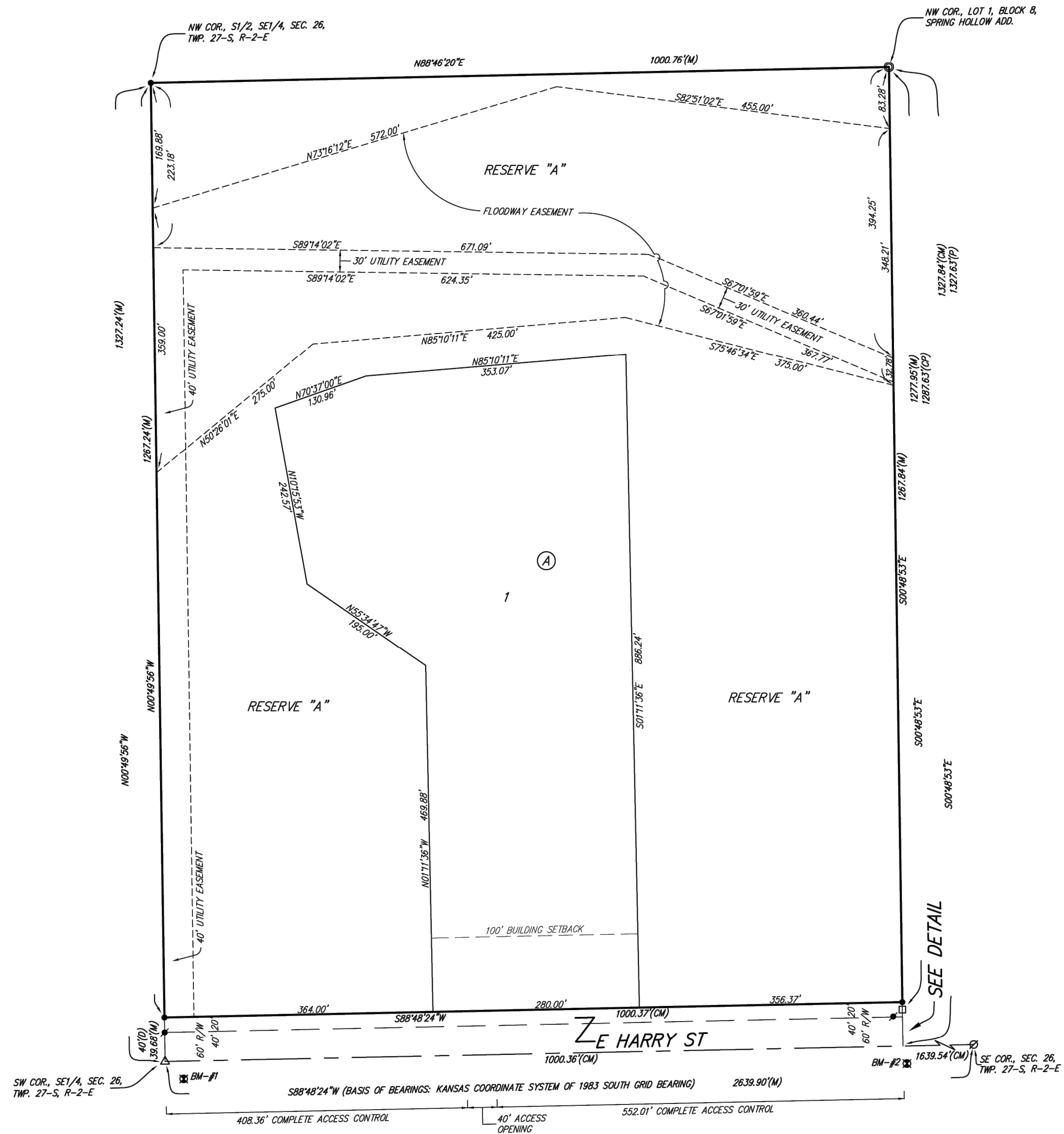
PROJECT NUMBER: OCA NUMBER: DATE:

CITY ENGINEER'S OFFICE  
CITY HALL - SEVENTH FLOOR  
455 NORTH MAIN STREET  
WICHITA, KANSAS 67202-1620  
(316) 268-4501

SHEET  
**5 of 12**

REVISED: OCTOBER 2016

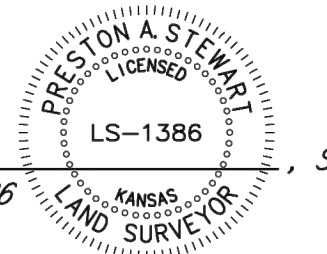
# TGC ADDITION SEDGWICK COUNTY, KANSAS



State of Kansas) SS We, Baughman Company, P.A., Surveyors in  
Sedgwick County) and state do hereby certify that we have surveyed and  
platted "TGC ADDITION", Sedgwick County, Kansas and that the accompanying  
plat is a true and correct exhibit of the property surveyed, described as the  
South Half of the West 60 acres of the Southeast Quarter of Section 26,  
Township 27 South, Range 2 East of the Sixth Principal Meridian, Sedgwick  
County, Kansas, except the South 40 feet thereof for road TOGETHER WITH that  
part of the Southeast Quarter of Section 26, Township 27 South, Range 2 East  
of the Sixth Principal Meridian, Sedgwick County, Kansas, described as:  
Beginning at the Southwest corner of the East 50 acres of the South Half of  
said Southeast Quarter; thence North 1327.63 feet to the Northwest corner of  
said East 50 acres; thence West 16.05 feet to the Northeast corner of the  
South Half of the West 60 acres of said Southeast Quarter; thence South  
along the East line of said South Half of the West 60 acres 1327.59 feet to  
the South line of said Southeast Quarter; thence East along the South line of  
said Southeast Quarter to the point of beginning.

Existing public easements, building setbacks,  
access controls, and dedications, if any, being  
vacated by virtue of K.S.A. 12-512b, as amended.

Baughman Company, P.A.



Preston A. Stewart, P.S. #1386

Know all men by these presents that we, the  
undersigned, have caused the land in the surveyors certificate to be platted into  
a Lot, a Block, a Street, and a Reserve to be known as "TGC ADDITION",  
Sedgwick County, Kansas. No signs, light poles, private drainage systems,  
masonry fences, masonry trash enclosures or other structures shall be located  
within public utility easements unless a Use of Easement Permit is obtained from  
the City of Wichita Public Works & Utilities Department. The floodway easement  
is hereby granted to the public as indicated for flood protection purposes and  
preserving the natural drainage. No buildings shall be constructed or placed on  
or within said floodway, nor shall any fill, change of grade, creation of channel,  
or any other work be carried on without the permission of the Engineer for the  
appropriate governing body. The street is hereby dedicated to and for the use of  
the public. Reserve "A" is hereby reserved for open space, landscaping, drainage  
purposes, lakes, agricultural uses and agricultural structures, berms, floodplain,  
and floodway, walking paths, and utilities as confined to easement. Reserve "A"  
shall be owned and maintained by the owner of Lot 1, Block A. Compliance with  
any platted restrictions and applicable restrictive covenants affecting said Reserve  
shall be binding on any owners, successors, heirs, or assigns. No regrading within  
abutting rights-of-way shall be allowed with the construction of the berms  
allowed within Reserve "A". The berms cannot impact access to or bury  
manholes, water valves, and/or water meters. FEMA floodplain and regulatory  
floodway boundaries are subject to periodic change and such change may affect  
the intended land use within the subdivision. The Minimum Building Pad Elevations  
for the lowest opening to the structures shall be as indicated on the face of the  
plat. Access controls shall be as depicted on the face of the plat and are  
hereby granted to the appropriate governing body.

13800 LLC, a Kansas limited liability company

Nicholas James Esterline,  
Managing Member

State of Kansas) SS The foregoing instrument acknowledged before me,  
Sedgwick County) this \_\_\_\_\_ day of \_\_\_\_\_, 2024, by Nicholas James Esterline, Managing  
Member of 13800 LLC, a Kansas limited liability company, on behalf of the  
limited liability company.

\_\_\_\_\_, Notary Public

My App't. Exp. \_\_\_\_\_

We the undersigned holders of a mortgage on the  
above described property, do hereby consent to this plat of "TGC  
ADDITION", Sedgwick County, Kansas.

Central National Bank

(Title)

This plat of "TGC ADDITION", Sedgwick  
County, Kansas has been submitted to and approved by the  
Wichita-Sedgwick County Metropolitan Area Planning Commission,  
Wichita, Kansas.  
Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2024.  
Wichita-Sedgwick County Metropolitan Area Planning Commission

Bryan K. Frye, Chairman

Scott A. Worrell

This plat approved and all dedications  
shown hereon accepted by the City Council,  
Kansas, this \_\_\_\_\_ day of \_\_\_\_\_

Lily Wu, Wichita

Jamie Buster, City Clerk

This plat approved and all dedications  
shown hereon accepted by the Board of Commissioners of Sedgwick  
County, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_

Ryan Baty, Fourth District, Chairman

ATTEST: Kelly B. Arnold, County Clerk

Reviewed in accordance with K.S.A. 58-2005  
on this \_\_\_\_\_ day of \_\_\_\_\_

Tricia L. Robello, P.S. #1246  
Deputy County Surveyor  
Sedgwick County, Kansas

Entered on transfer record this \_\_\_\_\_ day  
of \_\_\_\_\_

Kelly B. Arnold, County Clerk

State of Kansas) SS This is to certify that this plat has been  
Sedgwick County) filed for record in the office of the Register of Deeds, this \_\_\_\_\_ day  
of \_\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_ M.; and is duly recorded.

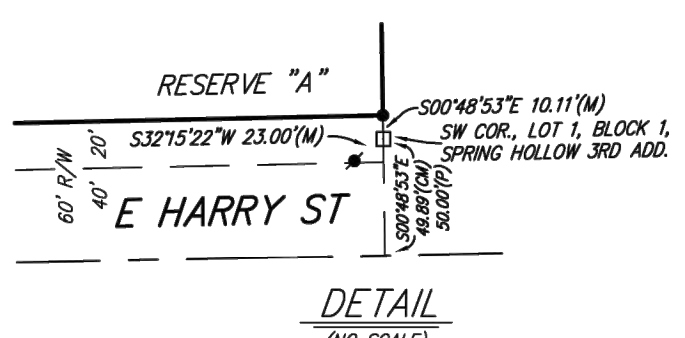
Tonya Buckingham, Register of Deeds

Kenly Zehring, Deputy

## TGC ADDITION

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

LOT	BLOCK	ELEVATION
1	A	1310.1



DETAIL  
(NO SCALE)

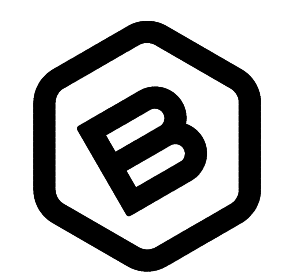
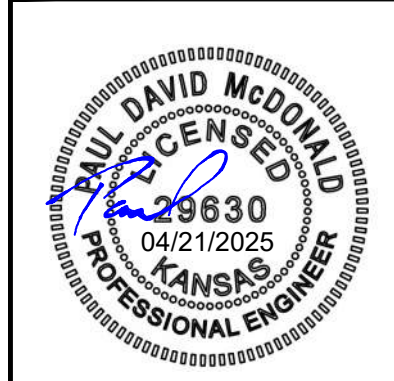
State of Kansas) SS The foregoing instrument acknowledged before  
Sedgwick County) me, this \_\_\_\_\_ day of \_\_\_\_\_, by \_\_\_\_\_  
(Title) \_\_\_\_\_ of Central National Bank, on behalf of the bank.

\_\_\_\_\_, Notary Public

My App't. Exp. \_\_\_\_\_

DRAINAGE PLAN NOTE:  
A master drainage plan has been developed for this plat. All drainage easements, rights-of-way, and reserves  
shall remain as established grades (unless modified with the approval of the applicable City or County Engineer)  
and shall be unobstructed to allow for the conveyance of stormwater in accordance with the Stormwater Manual.

**FOR REFERENCE ONLY  
NOT TO SCALE**



**BAUGHMAN  
COMPANY**

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

TGC Addition

**COPY OF  
PLAT**

WATER DISTRIBUTION  
SYSTEM

PROJECT NUMBER:  
XXX

DESIGN: PDM DRAWN: PDM

DATE: April 8, 2025

SHEET OF  
**12 12**