

**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 (GAS) 1-800-694-8989  
CITY OF WICHITA WATER & SEWER 1-316-219-9921  
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 1-888-492-4950  
EVERGY 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 ADJUTING 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 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 316-268-4480 BEFORE CONSTRUCTION CAN BEGAIN. 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 U.S. 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.
- ANY SIDEWALK, DRIVE APPROACH, CURB, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY CITY CONTRACTOR, PERMITS CAN BE OBTAINED BY CALLING 316-268-4501 OR 316-268-4480.
- ALL APPLICABLE FEES (TAP, EQLITY, IN LIEU OF A 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.
- 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 WHERE THEY CROSS. ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE, AT THE CLOSEST POINT.
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- OPENING AND CLOSING FROM WATER MAIN PROJECT INSPECT PERMITTED TO OPEN.
- THE CONTRACTOR CITY SPECIFICITY.
- REQUESTS FOR SUBJECT TO THEIR TENANTS THAT TIME AND DATE T OWNER, AND/OR T AFFECT WATER S.
- THE CONTRACTOR DISRUPTION OF SE HIS PROPOSED S.
- DEFLECTIONS AT JOINTS.
- ANY EXISTING JO.
- 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.
- 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.
- WORK DONE UNDER THIS PROJECT IS SUBJECT TO THE CITY OF WICHITA REQUIREMENTS FOR "CONSTRUCTION OF INFRASTRUCTURE IMPROVEMENTS BY PRIVATE CONTRACT". THE CONTRACTOR SHALL BE FAMILIAR AND COMPLY WITH ALL OF THE REQUIREMENTS, INCLUDING BIDDING, INSPECTION, TESTING, NOTIFICATION, PROVIDING AS-BUILT DRAWINGS, PAYING FOR ALL NECESSARY CONNECTIONS, AND/OR STREET REPAIR FEES AND PROVIDING PIPE MATERIAL AND OTHER CERTIFICATIONS.
- DEVELOPER FOR THIS PROJECT IS:  
CITY OF WICHITA  
455 N MAIN ST, 7TH FLOOR  
WICHITA, KS 67202  
JEFF MYERS  
(316) 268-4406

PRIVATE WATER DISTRIBUTION SYSTEM IMPROVEMENTS

TO SERVE **1329 E 16th ST N**

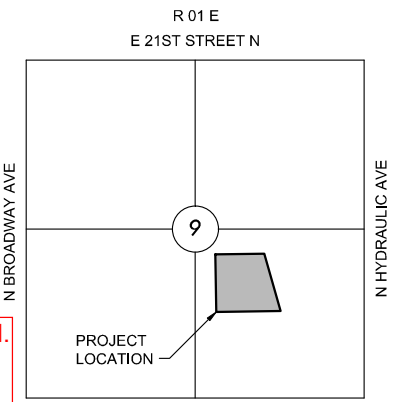
**BREWER COMMUNITY CENTER**

THE CITY OF WICHITA, KANSAS  
PAUL GUNZELMAN, P.E. - CITY ENGINEER

PROJECT NO. 2023-026216PPW

ORG CODE 54030980

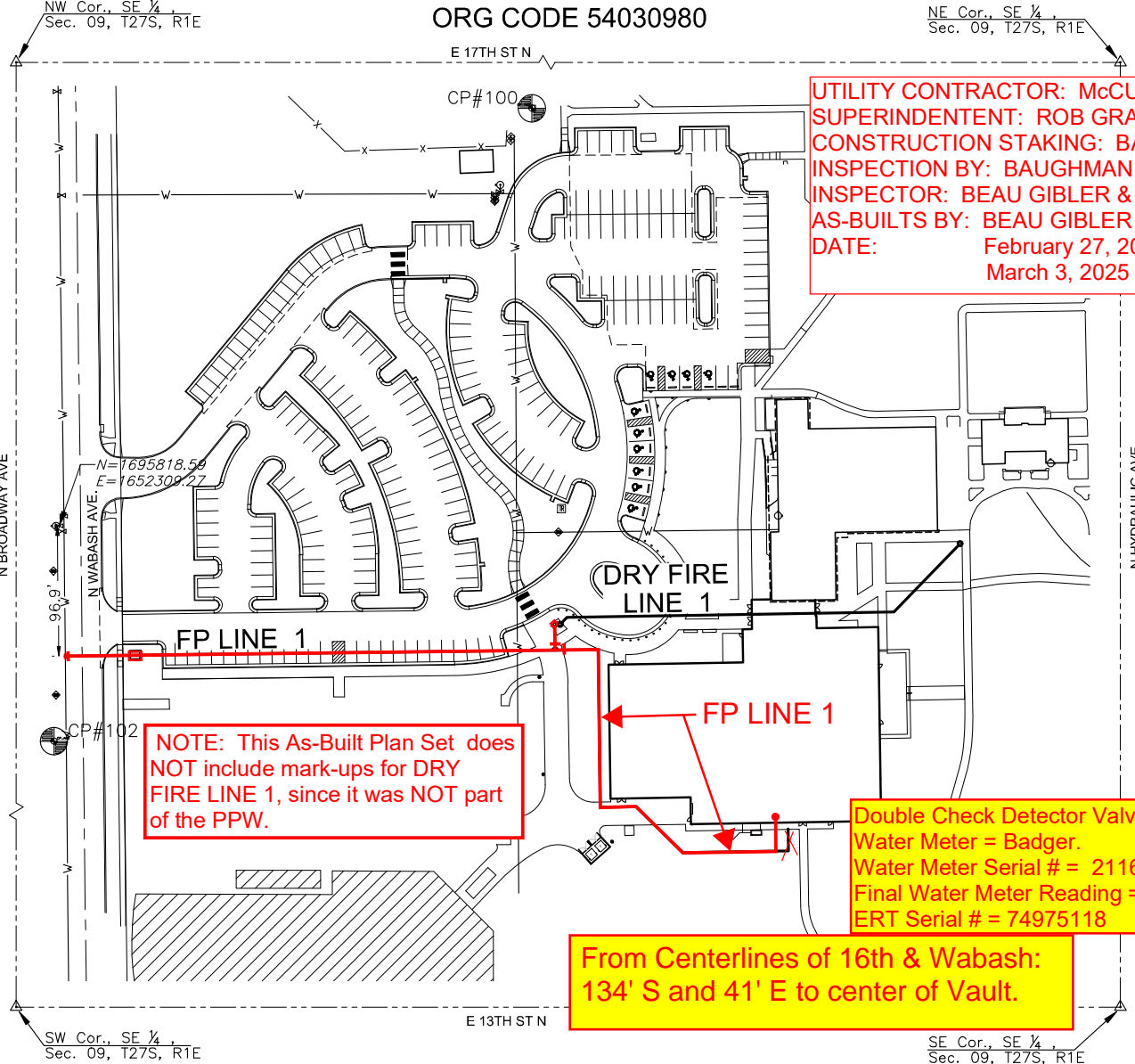
**AS-BUILT PLANS**



**VICINITY MAP**  
No Scale  
Began: 9-27-2024  
Ended: 2-26-2025

**INDEX TO DRAWINGS**

| SHEET NO. | DESCRIPTION                          |
|-----------|--------------------------------------|
| 01        | TITLE SHEET                          |
| 02        | STD WTR ASSEMBLY DETAIL              |
| 03        | STD VAULT DETAILS & METER ASSEMBLIES |
| 04        | MISC. WATER DETAILS                  |
| 05        | YARD HYDRANT & REMOTE FDC DETAIL     |
| 06        | FP LINE 1                            |
| 07        | DRY FIRE LINE 1                      |
| 08-12     | BMP DETAILS                          |



**UTILITY CONTRACTOR: McCULLOUGH EXCAVATION.**  
**SUPERINTENDENT: ROB GRAY**  
**CONSTRUCTION STAKING: BAUGHMAN COMPANY.**  
**INSPECTION BY: BAUGHMAN COMPANY.**  
**INSPECTOR: BEAU GIBLER & LARRY POWELL**  
**AS-BUILTS BY: BEAU GIBLER & LARRY POWELL**  
**DATE: February 27, 2025**  
**March 3, 2025 (Revised w/ WM Info).**

**NOTE: This As-Built Plan Set does NOT include mark-ups for DRY FIRE LINE 1, since it was NOT part of the PPW.**

**From Centerlines of 16th & Wabash: 134' S and 41' E to center of Vault.**

**Double Check Detector Valve Assembly:**  
**Water Meter = Badger.**  
**Water Meter Serial # = 211688223**  
**Final Water Meter Reading = 0000.0000 Cu. Ft.**  
**ERT Serial # = 74975118**

**1 - Fire Hydrant = American.**  
**8" PVC Pipe = 364 LF = Northern Pipe.**  
**6" PVC Pipe = 683 LF = Sanderson Pipe.**  
**6" DICL Pipe = 40 LF = US Pipe.**  
**8" DICL Pipe = 20 LF = American**  
**20" HDPE Casing Pipe = 29 LF**  
**2- 6" Valves = American.**  
**1- 8" TAP Valve = Clow.**  
**2 - 8" Double Check Detector Valves = Zurn-Wilkens**  
**Water Vault Structure = Wichita Concrete Pipe.**  
**Vault MH Frame & Lid = Deeter.**

**DATUM**

The Horizontal Datum is based on the Kansas Coordinate System of 1983, NAD83(2011), EPOCH 2010.0000, South Zone. Coordinates shown have been modified to the ground using a combined adjustment factor of 1.000120144. State Plane coordinates can be calculated by multiplying the shown values by 0.99988.

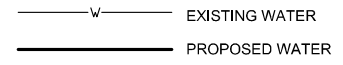
**NOTE**

All Control Points shown have elevations established using standard surveying procedures and can be used as temporary benchmarks. When using a Control point as a temporary benchmark, it is recommended that cross-checks be made to other control points or benchmarks to confirm elevations prior to use.

**CONTROL POINTS**

|   |              |
|---|--------------|
| CP 100<br>N: 1696128.545<br>E: 1652660.264<br>*X cut on west side of concrete inlet | EL: 1305.530 |
| CP 101<br>N: 1696228.800<br>E: 1652305.245<br>*X cut on top of curb                 | EL: 1306.610 |
| CP 102<br>N: 1695658.518<br>E: 1652305.241<br>Bar with yellow survey control cap    | EL: 1306.590 |
| CP 103<br>N: 1695149.491<br>E: 1652314.526<br>Bar with yellow survey control cap    | EL: 1305.795 |
| CP 107<br>N: 1695995.871<br>E: 1653179.834<br>*X cut on top of curb                 | EL: 1306.020 |

**LEGEND**



**NOTE: WATER LINE VALVES TO BE OPERATED BY CONTRACTOR ONLY IF WATER INSPECTOR IS ON SITE.**

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

Engineering approved by Shawn Mellies on 1/24/24  
Utilities approved by Greg Lolley on 1/24/24  
Fire Department approved by Jose Ocadiz on 1/24/24

NOTE TO CONTRACTORS

Public Property:  
Inspection and testing for the water line 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 Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public rights-of-way 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 Provision (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 is required on-site.

**BAUGHMAN COMPANY JOB #: 24-08-E869**

**NOTE: ALL LINES TO BE INSTALLED BY OTHERS ARE SUBJECT TO MABCD REVIEW.**

**NOTE: CONTRACTOR TO VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.**



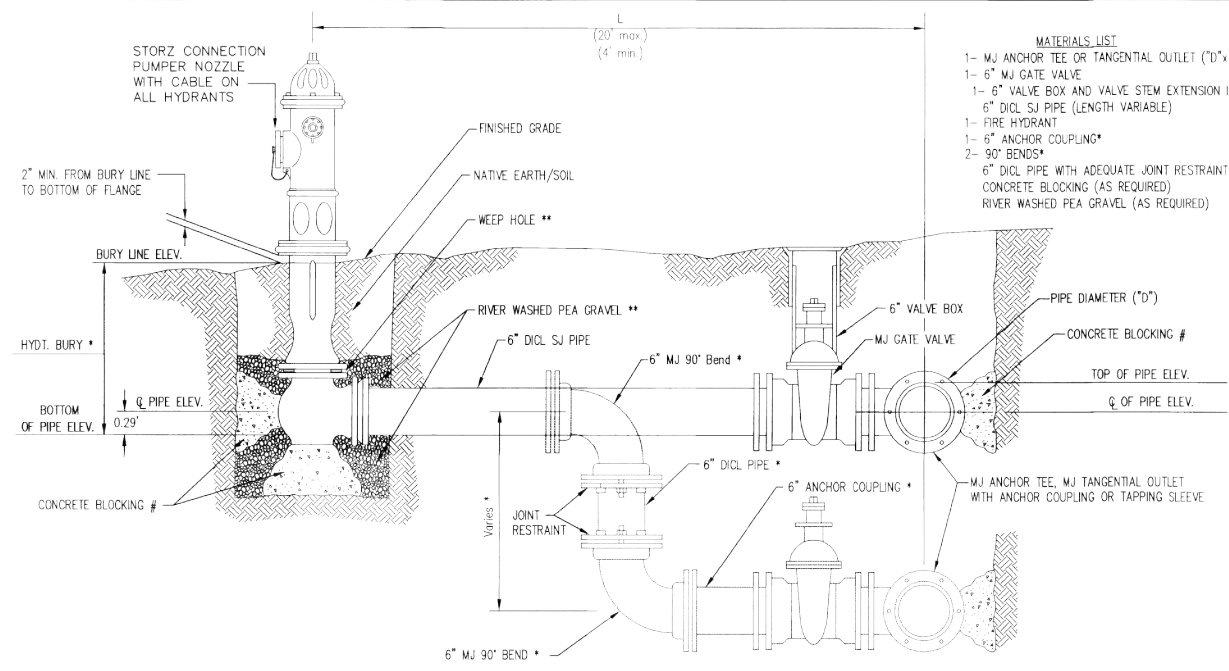
PRIVATE WATER DISTRIBUTION PLANS FOR  
**BREWER COMMUNITY CENTER**  
WICHITA, KANSAS

**PPW TITLE SHEET**

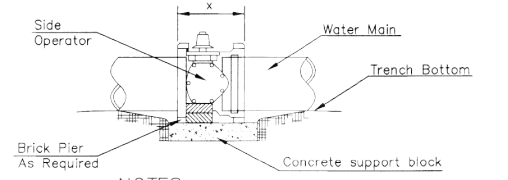
|             |                |         |
|-------------|----------------|---------|
| PROJECT NO. | 2023-026216PPW |         |
| DATE        | 01-24-2024     |         |
| SCALE       | 1"=60'         |         |
| DESIGNED    | DRAWN          | CHECKED |
| CJL         | CJL            | SPE     |

| NO. | REVISION | DATE |
|-----|----------|------|
|     |          |      |

SHEET NO.  
01 OF 12



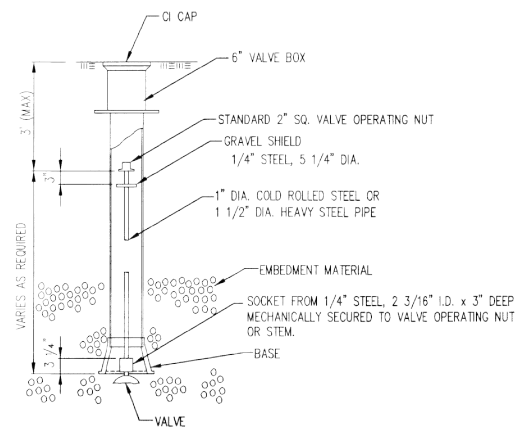
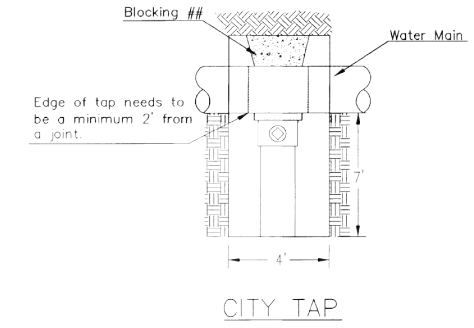
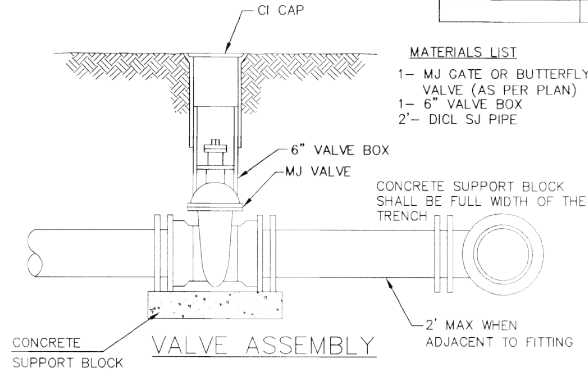
| FIRE HYDRANTS REQUIRED |                     |                       |                             |                                |
|------------------------|---------------------|-----------------------|-----------------------------|--------------------------------|
| STATION                | BURY LINE ELEVATION | TOP OF PIPE ELEVATION | FIRE HYDRANT BURY REQUIRED* | VALVE STEM EXT. REQUIRED (ft)* |
| 13+63.69               | 1305.80             | 1301.97               | 4.5 FT                      | 19 No.                         |
|                        | 1305.95             |                       |                             |                                |



**NOTES**

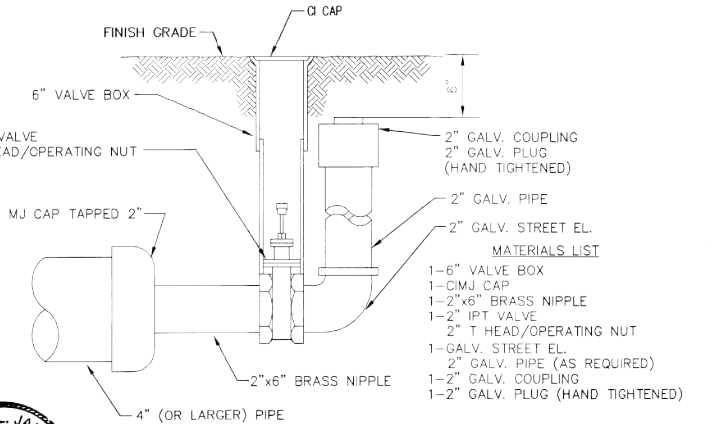
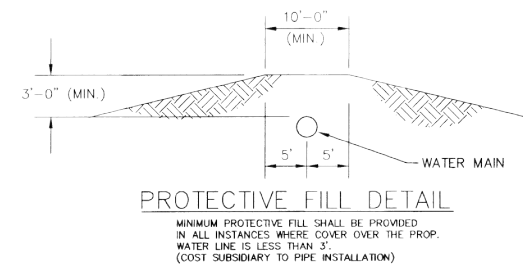
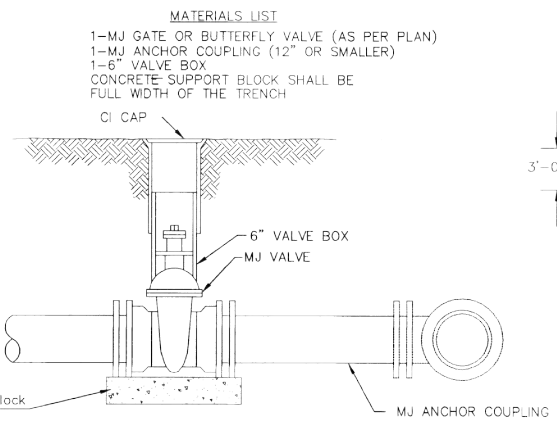
- This detail covers Butterfly Valve installation, inclusive, regardless of type of pipe or joint used. 24" and larger lines to be detailed on plans.
- 6" Valve Box and Cover required per City of Wichita Std. Specifications.
- Conc. Support Block to be full width of trench.

**CONCRETE SUPPORT BLOCKING FOR BUTTERFLY VALVE INSTALLATION**

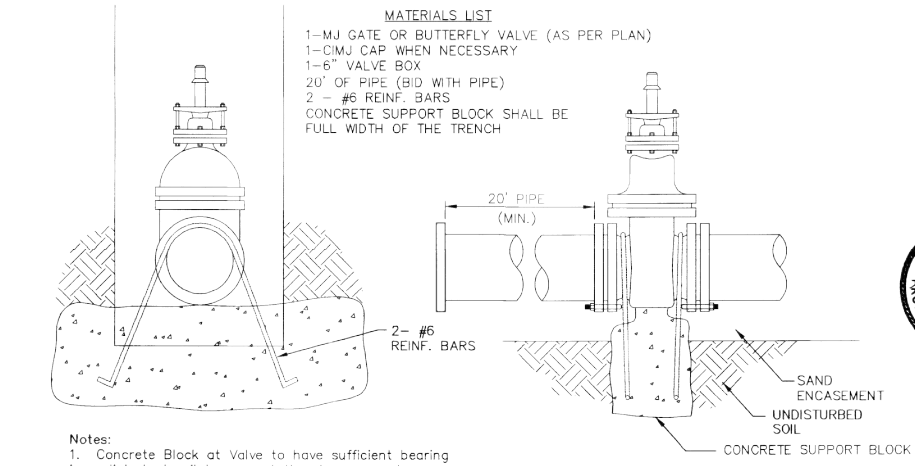


**VALVE STEM EXTENSION DETAIL**

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



**2" BLOWOFF ASSEMBLY**



**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. ft |
| 4"               | 1809 lbs.              |
| 6"               | 4245 lbs.              |
| 8"               | 7540 lbs.              |
| 12"              | 16965 lbs.             |

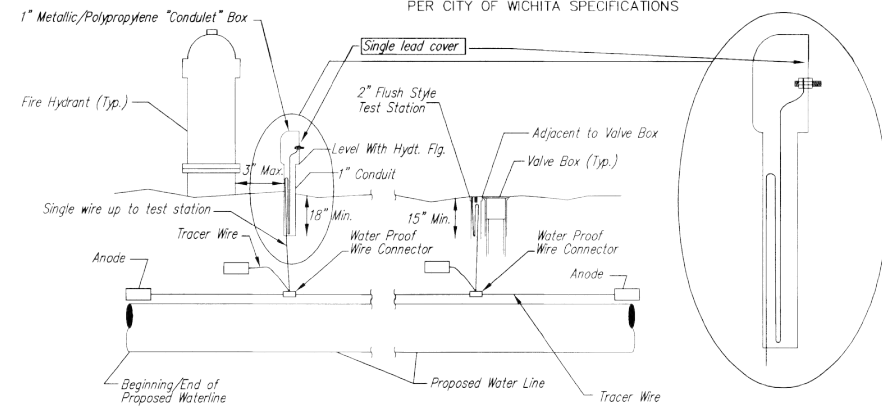
**ANCHORED VALVE ASSEMBLY, SPECIAL**

\* 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" DI CL 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" "condulet" 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 # T2FH/B1LP 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

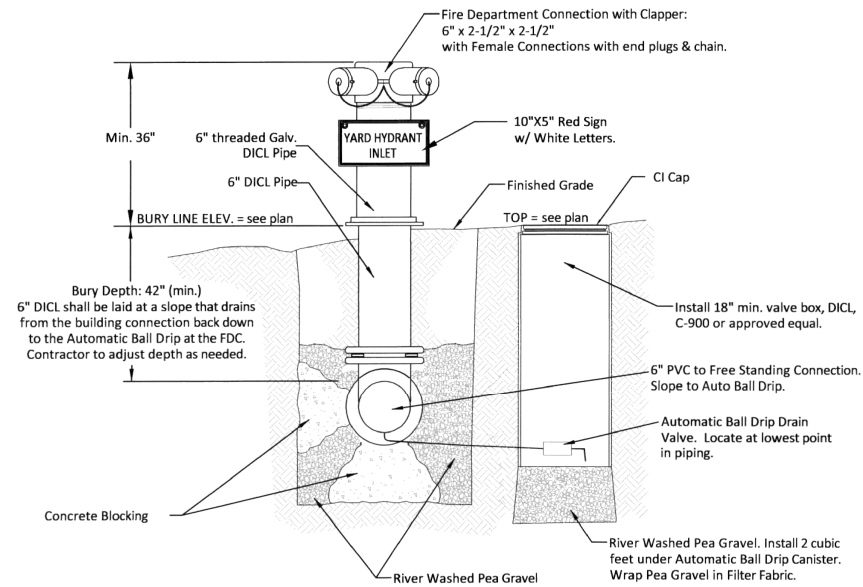


| STANDARD WATER ASSEMBLY DETAIL   |            |            |
|--|------------|------------|
| CITY ENGINEER  |            |            |
| GARY JANZEN, P.E.  |            |            |
| PROJECT NUMBER   | OCA NUMBER | DATE       |
| 2023-026216PPW   | ####       | 01-24-2024 |
| CITY ENGINEER'S OFFICE   |            | SHEET      |
| CITY HALL - SEVENTH FLOOR<br>455 NORTH MAIN STREET<br>WICHITA, KANSAS 67202-1620<br>(316) 268-4501 |            | 02 OF 12   |

REVISED: OCTOBER 2016

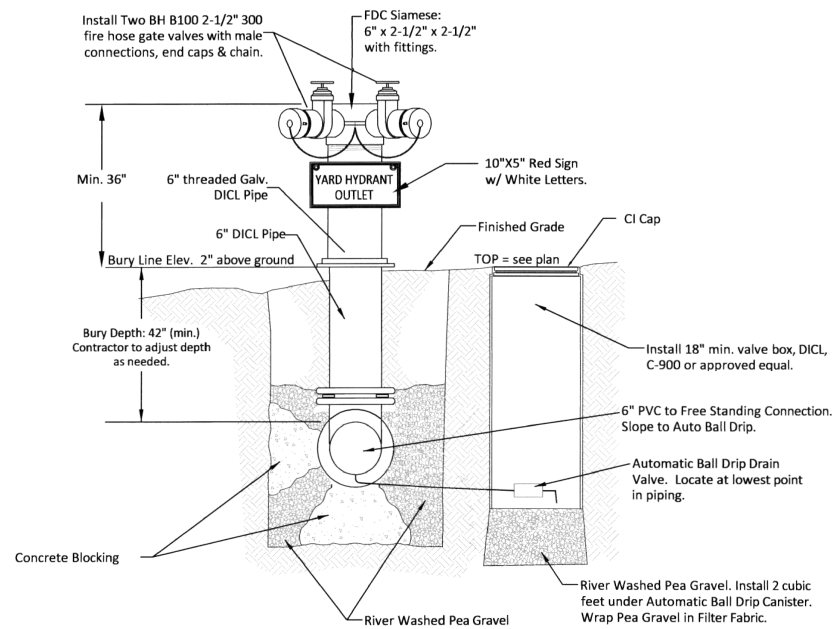
## FREE STANDING YARD HYDRANT (also called Dry Fire Line)

Inlet and Outlet to be used together to provide fire hydrant coverage on the far side of a building.



**1 FREE STANDING YARD HYDRANT INLET**  
NOT TO SCALE

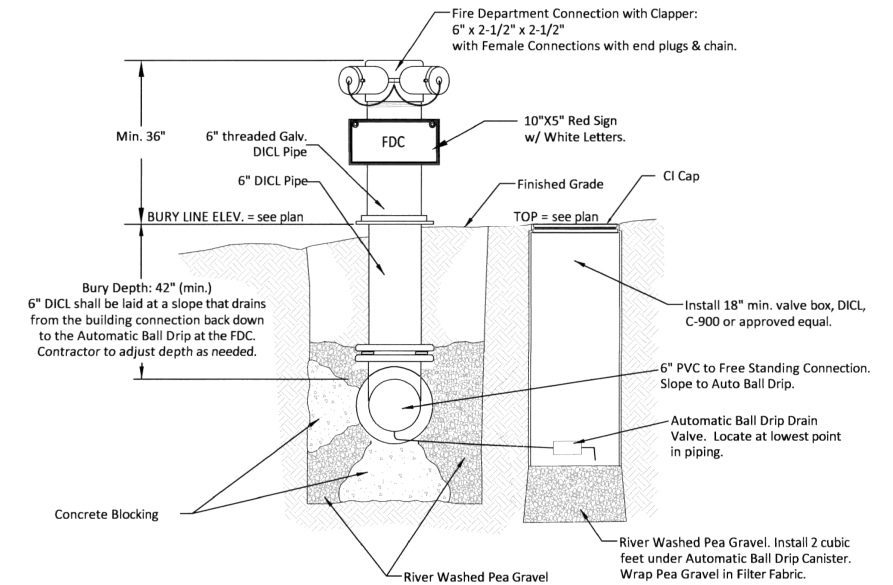
To be located within 150' of a Fire Hydrant



**2 FREE STANDING YARD HYDRANT OUTLET**  
NOT TO SCALE

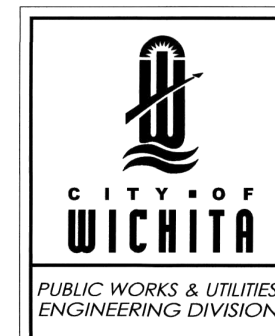
## REMOTE FIRE DEPARTMENT CONNECTION

Same construction as Free Standing Yard Hydrant Inlet, with different sign. Used to boost interior sprinkler systems.



**REMOTE FIRE DEPARTMENT CONNECTION**  
NOT TO SCALE

To be located within 150' of a Fire Hydrant

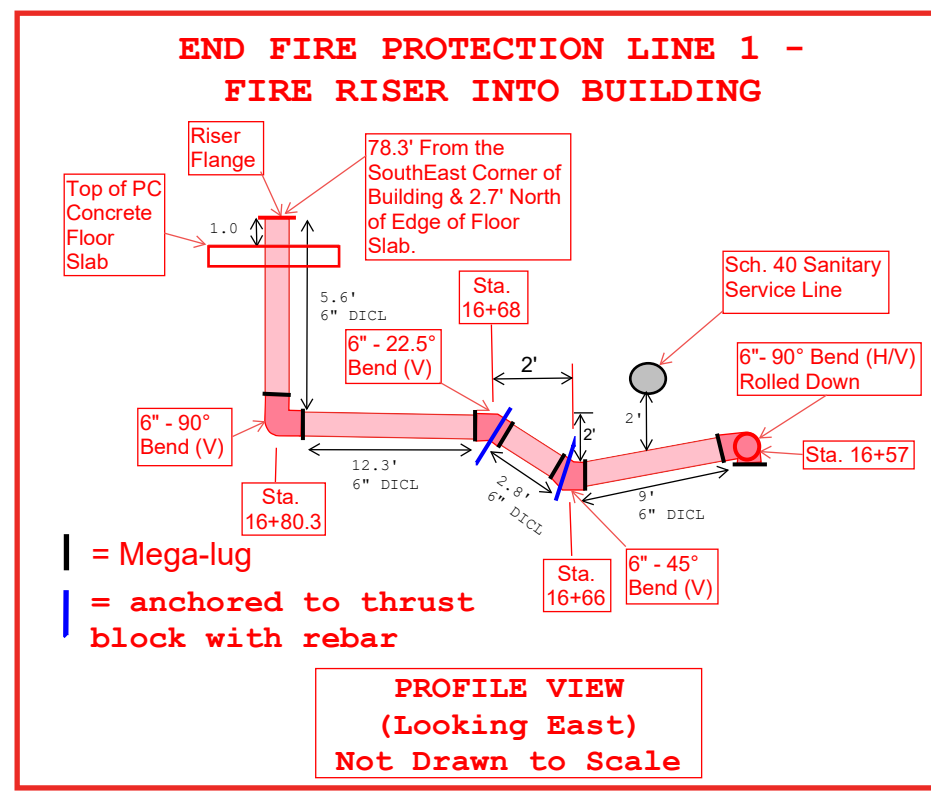
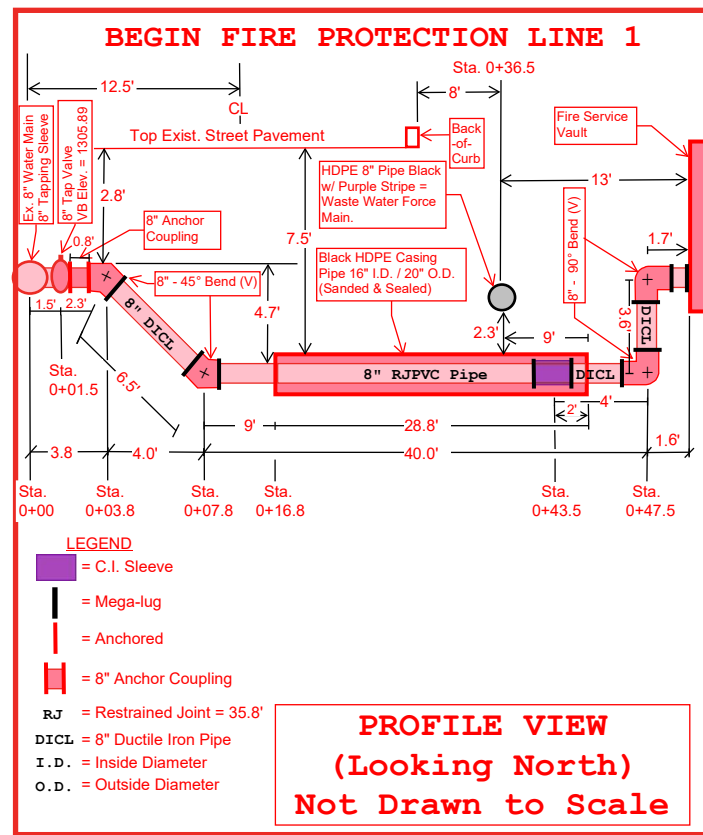


**FREE STANDING YARD HYDRANT AND REMOTE FDC DETAIL**

|  |                   |                   |
|--|-------------------|-------------------|
| CITY ENGINEER<br><b>GARY JANZEN, P.E.</b>  |                   |                   |
| PROJECT NUMBER<br>2023-026216PPW   | OCA NUMBER<br>### | DATE<br>5-12-2023 |
| CITY ENGINEER'S OFFICE<br>CITY HALL - SEVENTH FLOOR<br>455 NORTH MAIN STREET<br>WICHITA, KANSAS 67202-1620<br>(316) 268-4501 |                   | SHEET<br>05 OF 12 |



Redline As-Built Northings (N) and Eastings (E) are reported in the same Horizontal Datum as "Plan" Northings & Eastings. See DATUM Note on Title Sheet of this Plan Set. Elevations: NAVD88. As-Built Survey Shots By: James Ralston - Baughman Company, P.A.

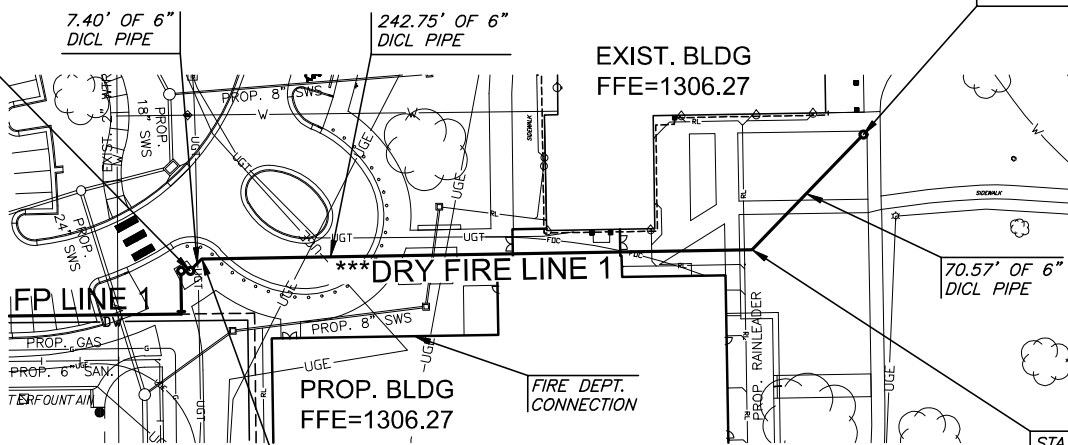


SHEET NO.: 6A

PLOTTED: Wednesday, January 24, 2024 @ 06:50AM

J:\PROJECTS\2022\221010456\_SFS\_BREWERC2\_MCADAMSPARK\00 220458 CAD\SHS\05 CIVIL\WTR2406-05-2021.DWG

STA. 10+00.00, DRY FIRE LINE 1  
1-FREE STANDING YARD HYDRANT  
INLET  
N=1695745.20, E=1652681.28



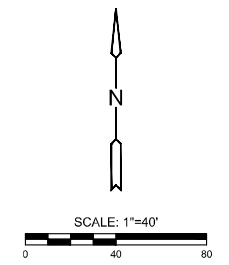
STA. 13+20.72, DRY FIRE LINE 1  
1-FREE STANDING YARD HYDRANT  
OUTLET  
N=1695805.29, E=1652978.20

STA. 10+07.40, DRY FIRE LINE 1  
1-6" DIMJ 45° BEND  
N=1695750.52, E=1652686.42

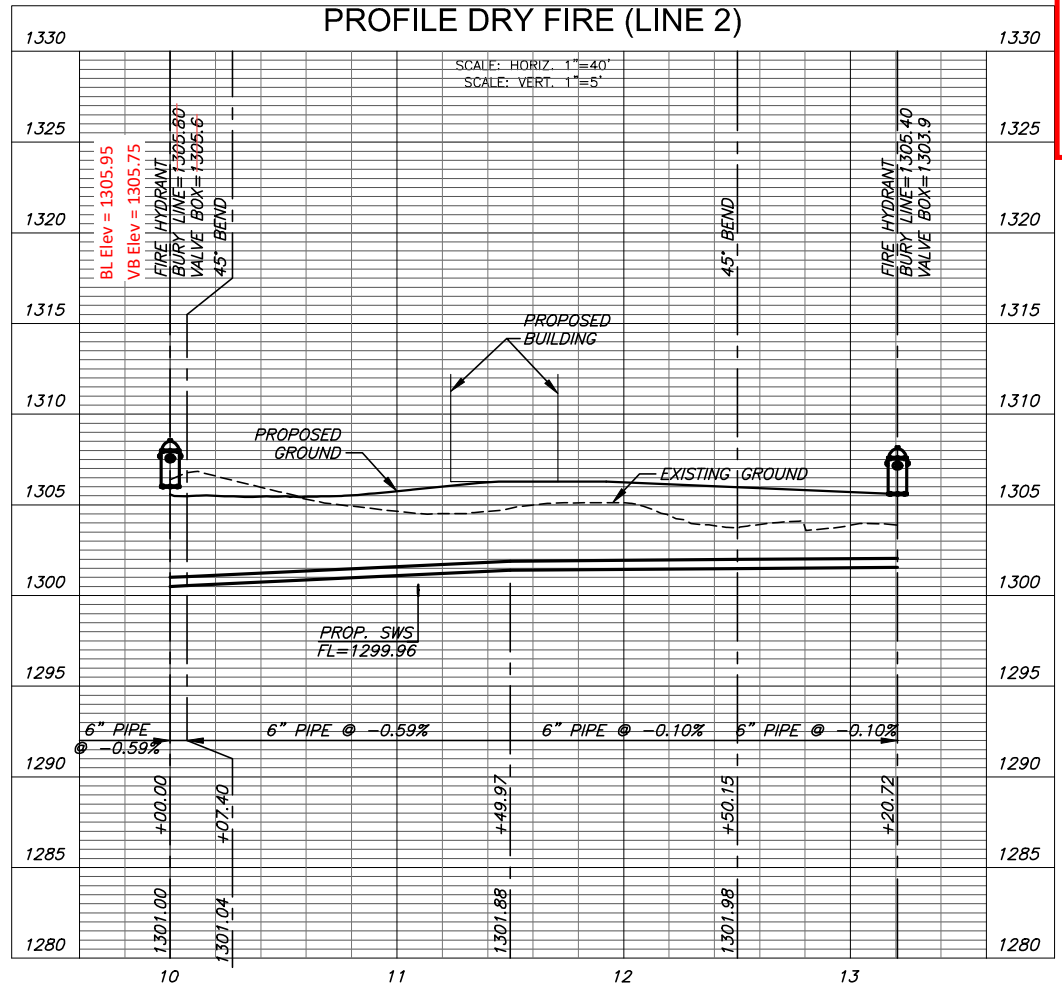
STA. 12+50.15, DRY FIRE LINE 1  
1-6" DIMJ 45° BEND  
N=1695754.57, E=1652929.4

NOTE:  
1. CONTRACTOR TO VERIFY  
LOCATION AND ELEVATION OF  
EXISTING WATER LINE PRIOR TO  
CONSTRUCTION.

**\*\*\*NOTE**  
DRY FIRE LINE IS NOT PART OF  
THE PPW AND IS SHOWN FOR  
REFERENCE ONLY. INSPECTION  
FOR DRY LINE WILL BE DONE BY  
FIRE DEPARTMENT.  
CONTACT: CHIEF JOSE OCADIZ  
316-268-4510



### PLAN DRY FIRE (LINE 2) PROFILE DRY FIRE (LINE 2)



# PRIVATE WATER DISTRIBUTION PLANS FOR BREWER COMMUNITY CENTER WICHITA, KANSAS

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### DRY FIRE LINE 1

|             |                |         |
|-------------|----------------|---------|
| PROJECT NO. | 2023-026216PPW |         |
| DATE        | 01-24-2024     |         |
| SCALE       | 1"=40'         |         |
| DESIGNED    | DRAWN          | CHECKED |
| C/JL        | C/JL           | SPE     |

| NO. | REVISION | DATE |
|-----|----------|------|
|     |          |      |
|     |          |      |

SHEET NO.  
07 OF 12

