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PLOTED: Wednesday, January 24, 2024 @ 06:45AM

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 1-316-219-8921
CITY OF WICHITA STORMWATER 1-316-268-4090
CITY OF WICHITA TRAFFIC 1-316-268-4034
COX COMMUNICATIONS 1-888-245-3530
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 LEAST 14 DAYS BEFORE CONSTRUCTION BEGINS. 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.
- 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, EQUIT, 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 SPECIFICATIONS
- THE CONTRACTOR WATERLINE(S) SHALL
- REQUESTS FOR SUBJECT TO THEIR TENANTS THAT TIME AND DATE THE OWNER, AND/OR AFFECT WATER SERVICE
- THE CONTRACTOR DISRUPTION OF SERVICE HIS PROPOSED SCHEDULE
- DEFLECTIONS AT JOINTS
- ANY EXISTING JOINTS
- 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, VERIFICATION, 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

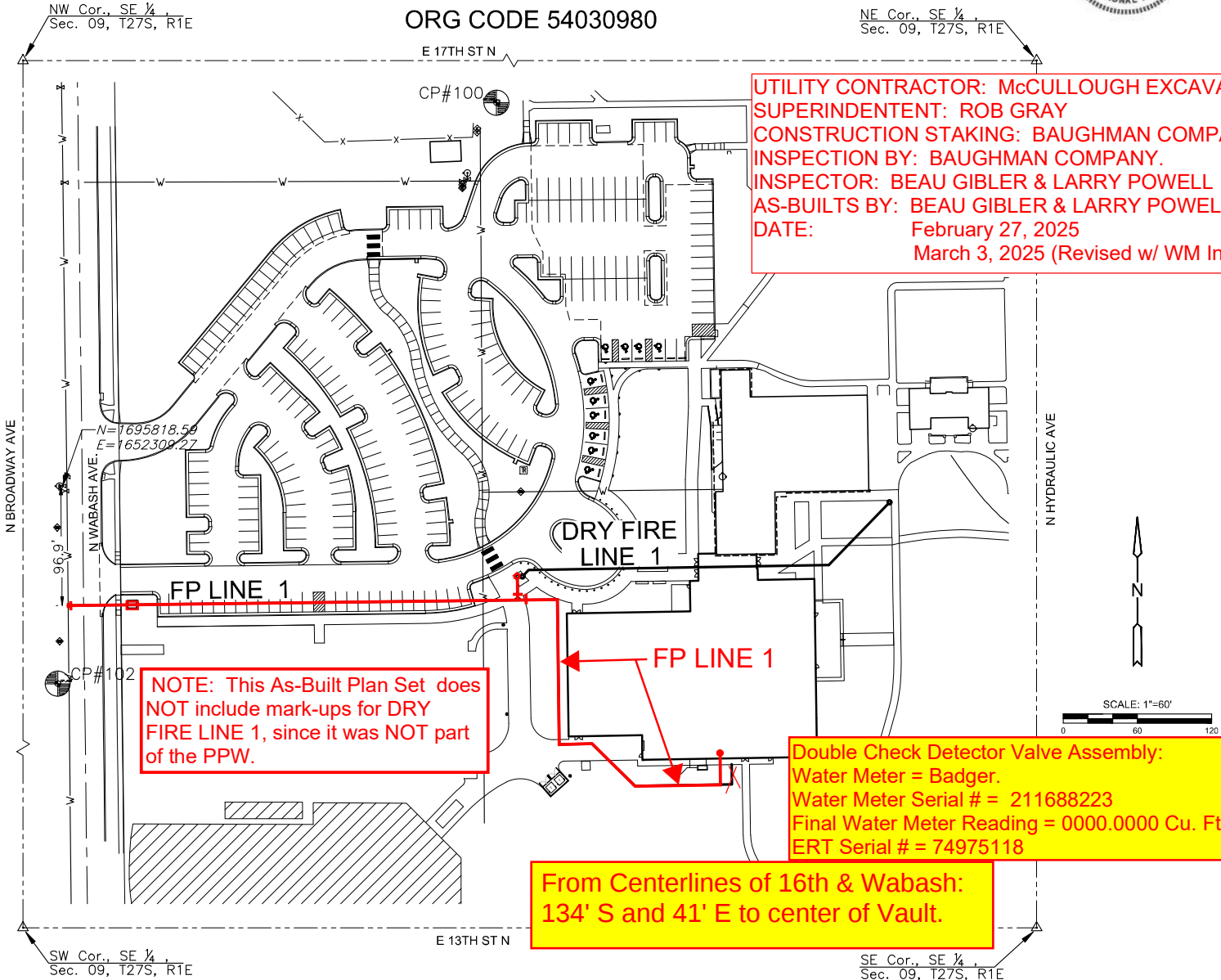
BREWER COMMUNITY CENTER

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

PROJECT NO. 2023-026216PPW

ORG CODE 54030980

AS-BUILT PLANS



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.

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

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

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.

All elevations shown are based on the NAVD 88 vertical datum.

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

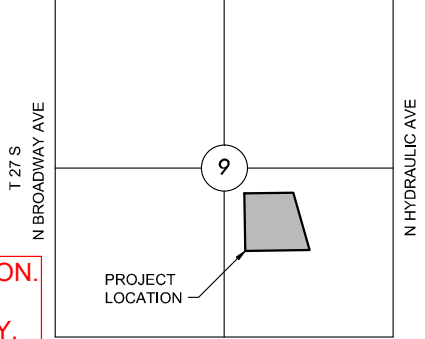
CP 100 N: 1696128.545 E: 1652660.264 "X" cut on west side of concrete inlet	EL: 1305.530
CP 101 N: 1696228.800 E: 1652305.245 "X" cut on top of curb	EL: 1306.610
CP 102 N: 1695658.518 E: 1652305.241 Bar with yellow survey control cap	EL: 1306.590
CP 103 N: 1695149.491 E: 1652314.526 Bar with yellow survey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

LEGEND

— W — EXISTING WATER
— PROPOSED WATER

BAUGHMAN COMPANY JOB #: 24-08-E869

R 01 E
E 21ST STREET N



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

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 verified 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.

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

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www.mkec.com
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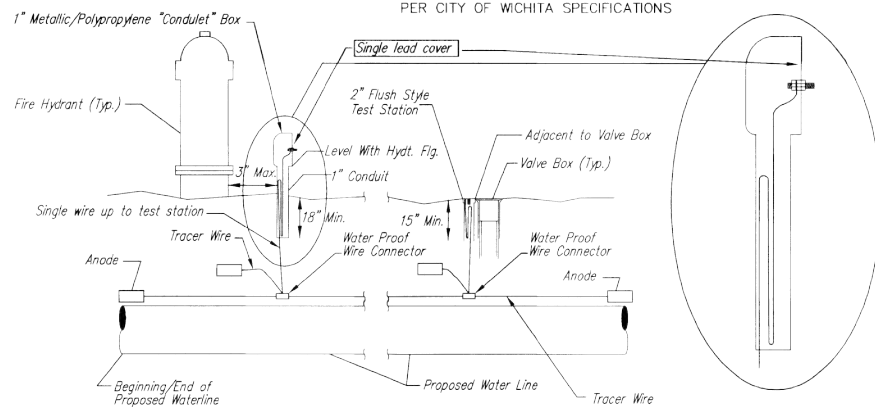
PPW TITLE SHEET

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		

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.

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 # 12FH731LP Handley Industries or C0147P 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.

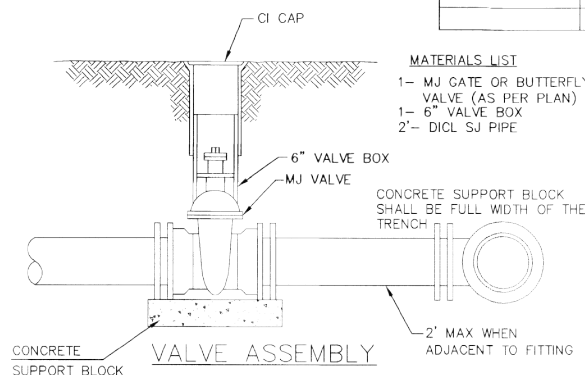
ANODES

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

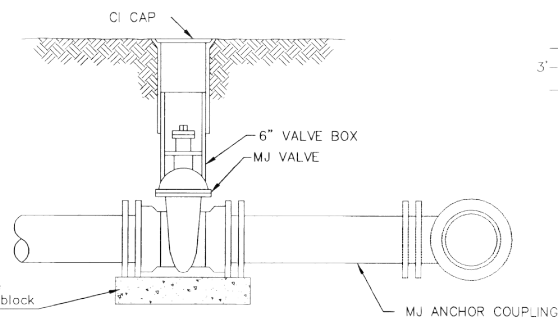
COST IS SUBSIDIARY TO PIPE INSTALLATION

- MATERIALS LIST
- 1- WJ ANCHOR TEE OR TANGENTIAL OUTLET (10" x 6")
 - 1- 6" WJ GATE VALVE
 - 1- 6" VALVE BOX AND VALVE STEM EXTENSION IF REQUIRED *
 - 6" DCL SJ PIPE (LENGTH VARIABLE)
 - 1- FIRE HYDRANT
 - 1- 6" ANCHOR COUPLING *
 - 2- 90° BENDS *
 - 6" DCL PIPE WITH ADEQUATE JOINT RESTRAINT *
 - CONCRETE BLOCKING (AS REQUIRED)
 - RIVER WASHED PEA GRAVEL (AS REQUIRED)

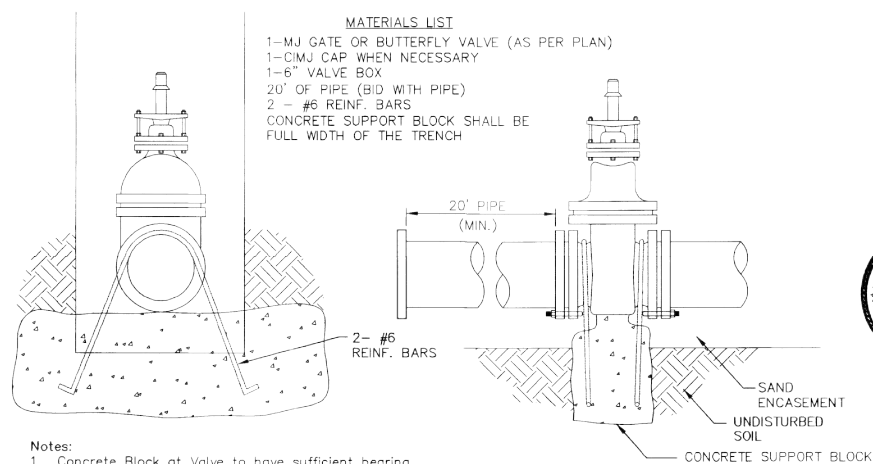


MATERIALS LIST

- 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



Notes:

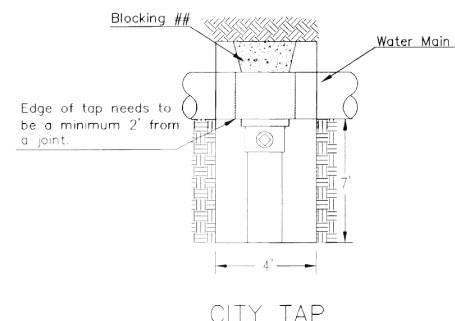
1. Concrete Block at Valve to have sufficient bearing in undisturbed soil to prevent thrust movement as shown in table at right. Field Engineer to determine thrust loading of undisturbed soil and final size of thrust block.
2. The thrust block shall be constructed such that bolts, nuts, and other MJ accessories are kept clear of concrete.
3. 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 #/in. ²
4"	1809 lbs.
6"	4245 lbs.
8"	7540 lbs.
12"	16965 lbs.

ANCHORED VALVE ASSEMBLY, SPECIAL

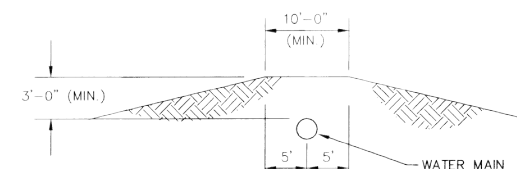
[illegible]

Faces Northwest



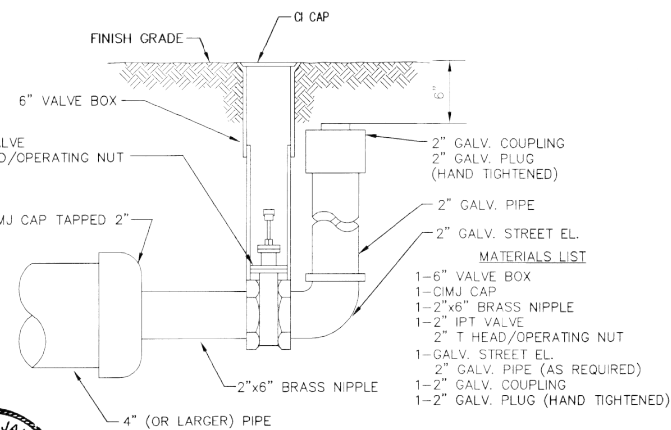
CITY TAP

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)



2" BLOWOFF ASSEMBLY

REVISÉ: OCTOBRE 2016



STANDARD
WATER ASSEMBLY
DETAIL

CITY ENGINEER

GARY JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
2023-026216PPW	####	01-24-2024

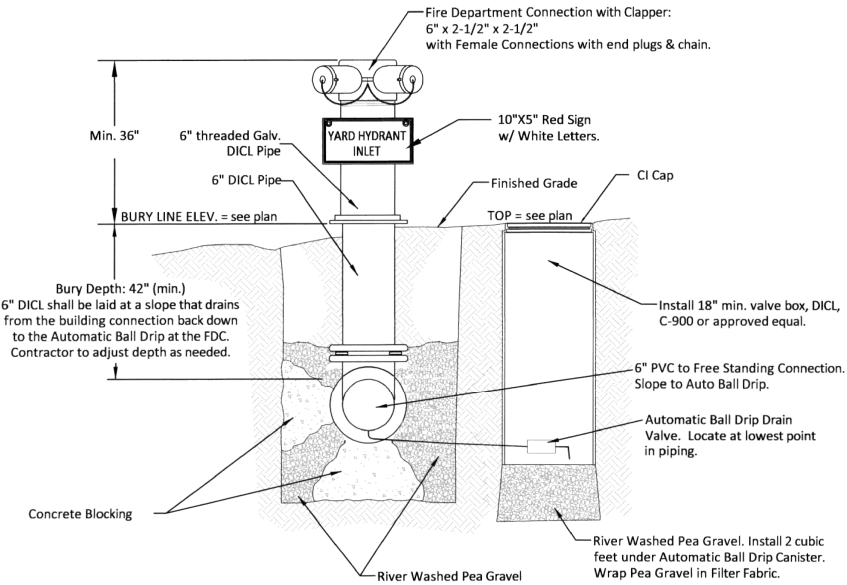
CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET

02 OF 12

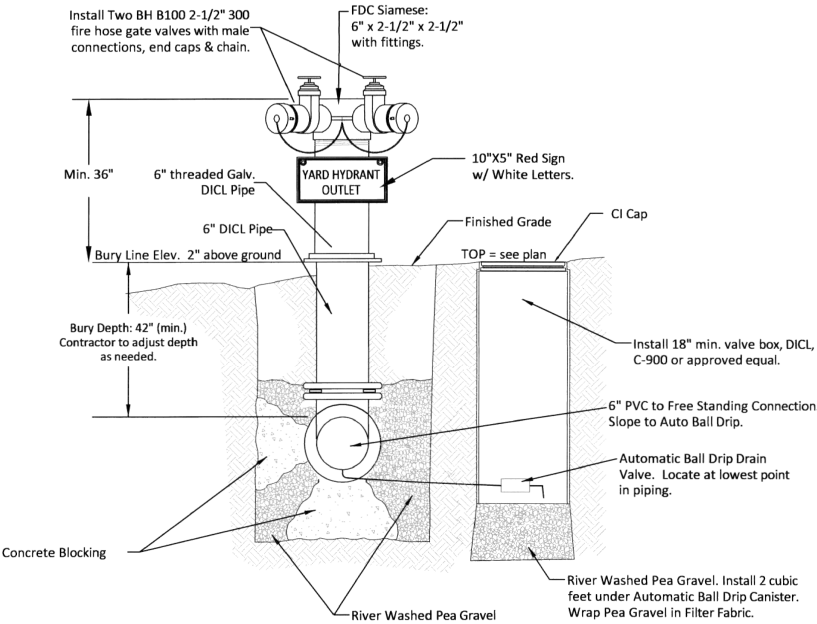
FREE STANDING YARD HYDRANT (also called Dry Fire Line)

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

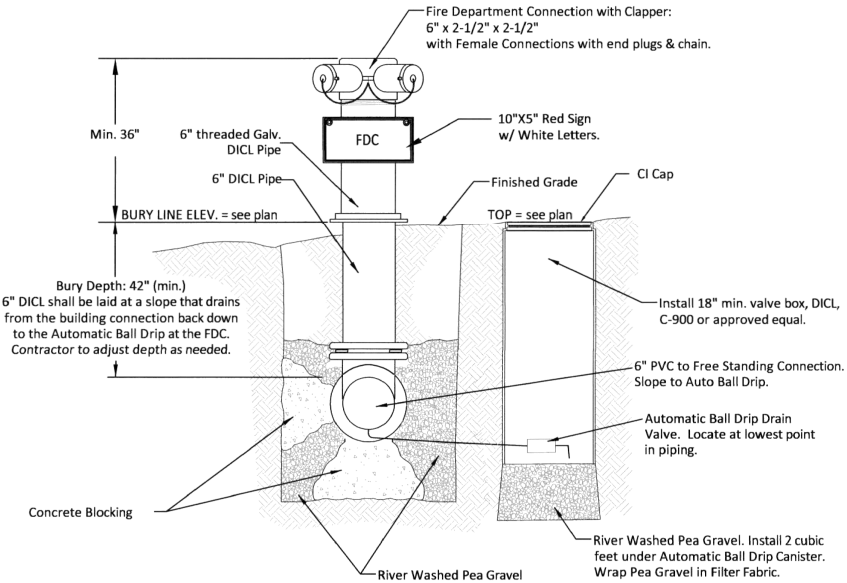
To be located within 150' of a Fire Hydrant



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





CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

FREE STANDING YARD HYDRANT AND REMOTE FDC DETAIL		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 2023-026216PPW	OCA NUMBER ####	DATE S: 05-12-2023
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 05 OF 12

Wednesday, January 24, 2024 @ 08:50AM

54084

From CL's of 16th St. N. & Wabash Ave.:
TAP SLEEVE: Sta 10+00: 133' S. & 12.5' W.
TAP VALVE: Sta 10+02: 133' S. & 11' W.

Tapping VB Elev = 1305.89

STA. 10+00.00, FP LINE 1
1-8"x8" TAPPING SLEEVE & VALVE
TO BE FURNISHED & INSTALLED BY
C.O.W. WATER DEPT. UPON FULL
PAYMENT BY CONTRACTOR.
REMOVE & REPLACE CONCRETE
PAVEMENT AS NECESSARY FOR
WATER CONNECTIONS.
REFER TO NOTE #13 ON SHEET 01.
N=1695721.77, E=1652313.75
N=1,695,721.13 E=1,652,315.35

- NOTE:
1. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING WATER LINE PRIOR TO CONSTRUCTION.
 2. DOMESTIC AND IRRIGATION LINES ARE NOT PART OF THE PPW AND ARE SHOWN FOR REFERENCE ONLY.
 3. DOMESTIC LINE AND FIRE PROTECTION LINE MUST BE INSTALLED IN SEPARATE TRENCHES PER KDHE REQUIREMENTS.

From CL's of 16th St. N. & Wabash Ave.:
VAULT LID: 134' S. & 41' E.

Sta. 0+36.5:
Existing 8" HDPE Pipe (Black with Purple Stripes) with Tracer Wire = North Industrial Corridor Site Waste Water Force Main was in conflict.

From CL's 16th St. N. & Wabash Ave.:
8" ANCHOR COUPLING = Sta 10+02.5 = 133' S. & 10' W.
45° BEND (V): Sta 10+03.8 = 133' S. & 9' W.
45° BEND (V): Sta 10+07.8 = 133' S. & 5' W.
Begin 16" ID Casing Pipe = Sta 0+16.8 = 133' S. & 4.8' W.
SLEEVE: Sta 0+43.5 = 133' S. & 31' E.
End 16" ID Casing Pipe = Sta 0+45.5 = 133' S. & 33' E.
2-90° BENDS (V) = Sta 0+47.5 = 133' S. & 35' E.

STA. 13+63.69, FP LINE 1
1-FIRE HYDRANT ASSEMBLY
L=19.0' FH VB = 1305.75
1-8"x6" REDUCER FH BL = 1305.95
1-6" DIMJ VALVE ASSY (E)
(MJ GATE VALVE)
N=1695726.21, E=1652677.41

6" FH VALVE
N=1,695,726.07 E=1,652,680.49
FIRE HYDRANT:
N=1,695,745.38 E=1,652,677.41
TEE = Anchored

STA. 15+12.94, FP LINE 1
1-6" DIMJ 90° BEND
N=1695609.60, E=1652711.08

STA. 15+39.55, FP LINE 1
1-6" DIMJ 45° BEND
N=1695609.93, E=1652737.69

STA. 13+95.93, FP LINE 1
1-6" DIMJ 90° BEND
N=1695726.60, E=1652709.65

EXIST. BLDG
FFE=1306.27

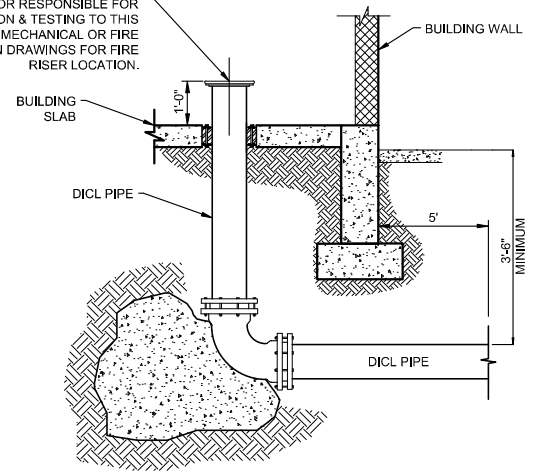
PROP. BLDG
FFE=1306.27

STA. 16+66.58, FP LINE 1
1-6" DIMJ 90° BEND
N=1695577.18, E=1652850.86

STA. 15+88.25, FP LINE 1
1-6" DIMJ 11.25° BEND
N=1695575.91, E=1652772.54

STA. 16+82.88, FP LINE 1
1-6" BUILDING CONNECTION
SEE DETAIL 1, THIS SHEET
N=1695593.47, E=1652850.59
TOP RISER: N=1,695,601.47
E=1,652,841.43

INSTALL FLANGE, SITE UTILITY CONTRACTOR RESPONSIBLE FOR INSTALLATION & TESTING TO THIS POINT. REFER TO MECHANICAL OR FIRE PROTECTION DRAWINGS FOR FIRE RISER LOCATION.



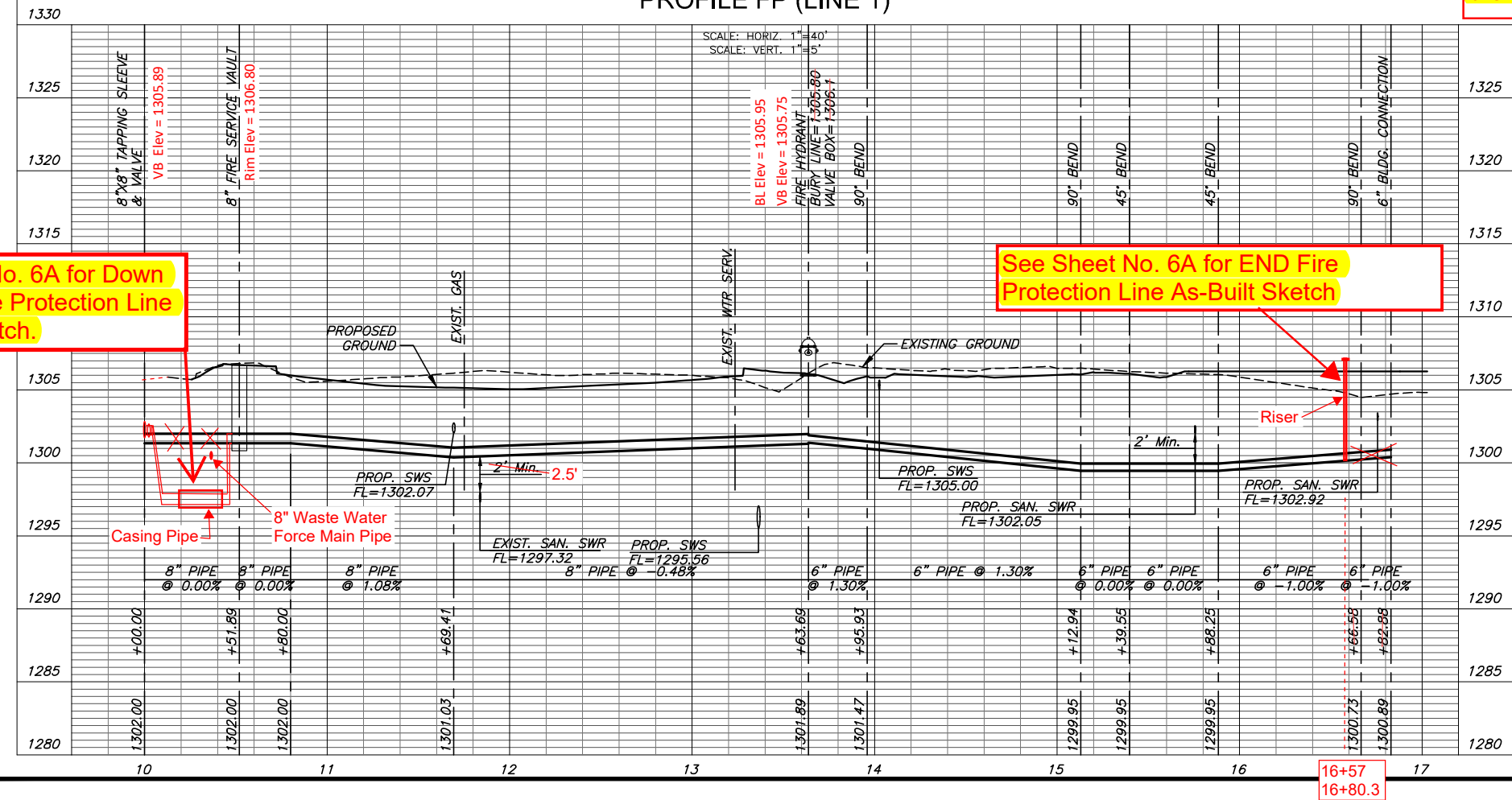
FIRE PROTECTION AT BUILDING (TYP.)

SCALE: NTS

From CL's of 16th St. N. & Wabash Ave.:
TEE: Sta 13+63 = 128' S. & 351' E.
6" FH VALVE = 126' S. & 351' E.
FIRE HYDRANT = 109' S. & 351' E.
6" FH VALVE = 17' S. of FIRE HYDRANT.
8" x 6" REDUCER = 128' S. & 353' E.
6" GATE VALVE (E) = 128' S. & 355' E.

FH V# 53684
6" V 53685
FH 17486

PLAN FP (LINE 1)
PROFILE FP (LINE 1)



See Sheet No. 6A for Down & Under Fire Protection Line As-Built Sketch.

See Sheet No. 6A for END Fire Protection Line As-Built Sketch

LEGEND:

TS = Test Station.

CL = Centerline.

H = Horizontal.

V = Vertical.

BL = Bury Line.

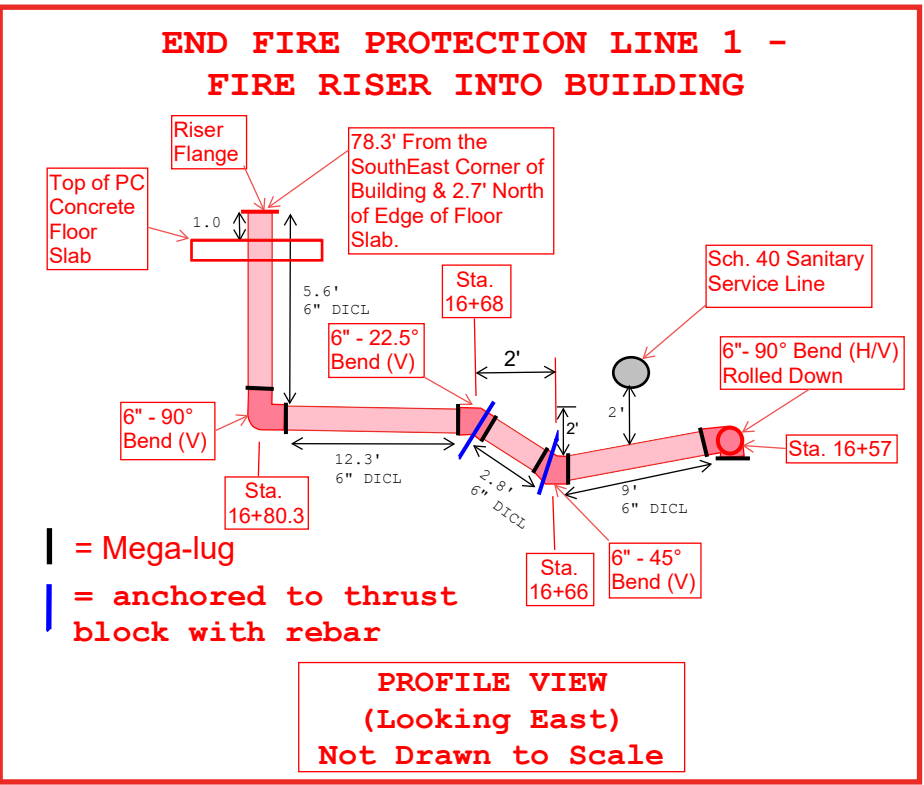
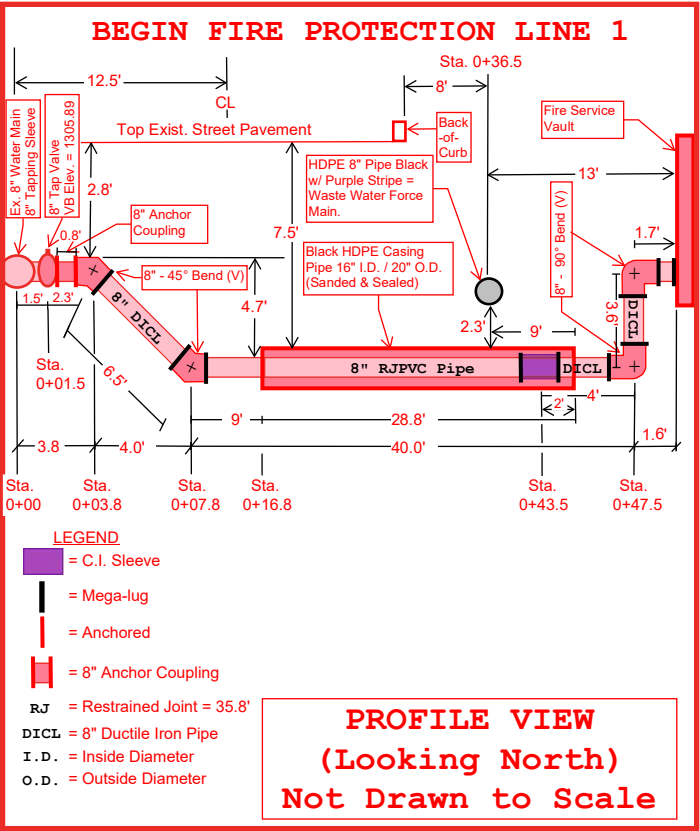


PRIVATE WATER DISTRIBUTION PLANS FOR
BREWER COMMUNITY CENTER
WICHITA, KANSAS

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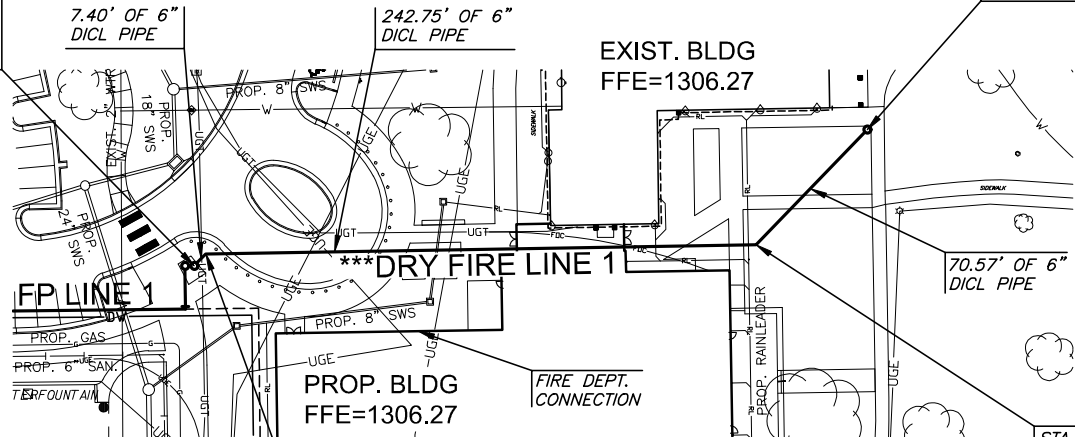
FP LINE 1		
PROJECT NO.	2023-026216PPW	
DATE	01-24-2024	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
CJL	CJL	SPE
NO.	REVISION	DATE
SHEET NO.		
06 OF 12		

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.



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

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

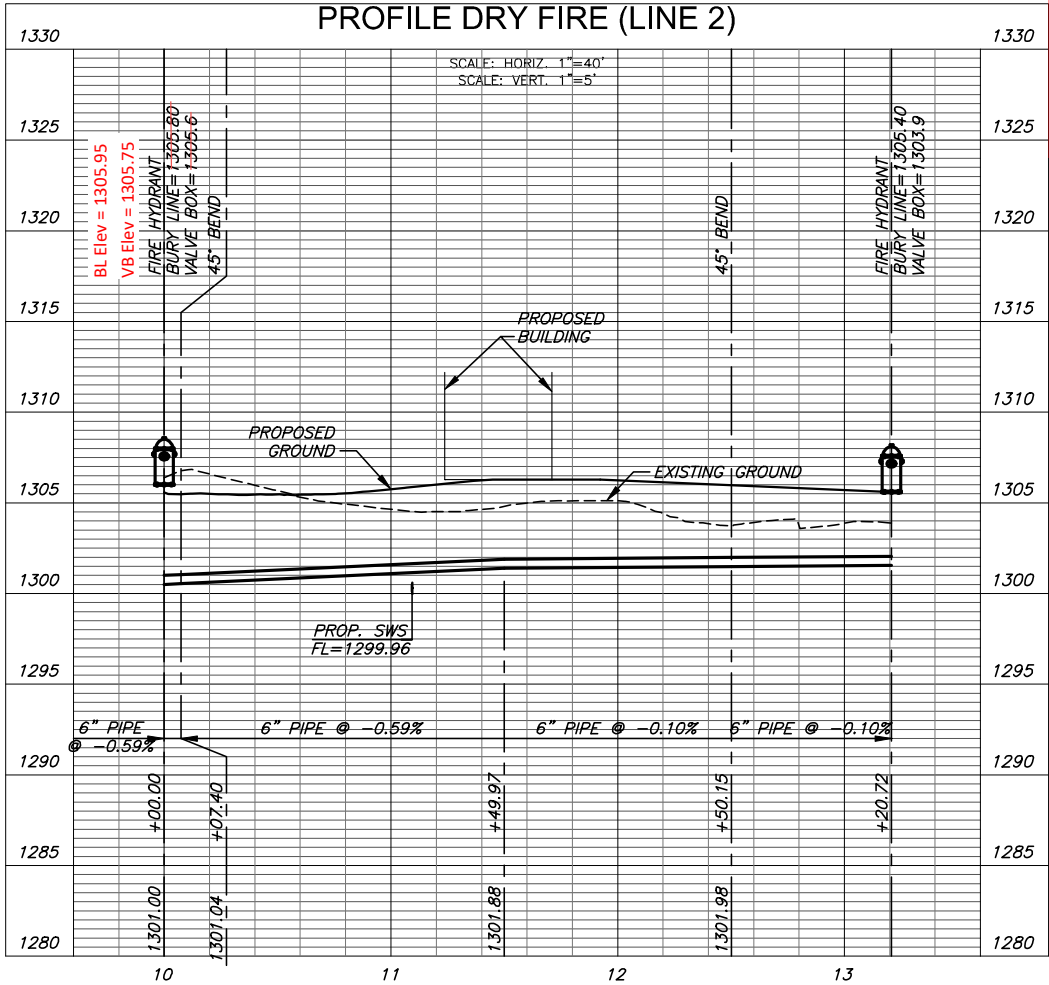


STA. 10+07.40, DRY FIRE LINE 1
1-6" DIMJ 45° BEND
N=1695750.52, E=1652686.42

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

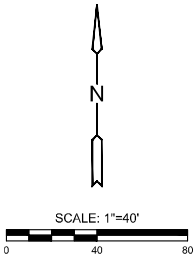
STA. 12+50.15, DRY FIRE LINE 1
1-6" DIMJ 45° BEND
N=1695754.57, E=1652929.4

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



***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



PRIVATE WATER DISTRIBUTION PLANS FOR
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WICHITA, KANSAS

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DRY FIRE LINE 1

PROJECT NO.	2023-026216PP	
DATE	01-24-2024	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
CJL	CJL	SPE

NO.	REVISION	DATE

SHEET NO.
07 OF 12

