

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
AT&T 1-800-246-8464
Black Hills Energy 1-800-694-8989
City of Wichita Water & Sewer 1-316-219-8921
City of Wichita Stormwater 1-316-268-4090
City of Wichita Traffic 1-316-268-4034
Cox Communications 1-888-249-3530
Kansas Gas Service 1-888-482-4950
Westar Energy 1-800-544-4857
- Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
- The Engineering Division shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match final grades by the contractor.
- The Contractor shall notify the 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, Mike Armour at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors 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 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.
- City maintenance of water mains ends at right-of-way or easement line or within two feet of vault.
- Opening and closing of water valves shall be done slowly to prevent damage to the water distribution system from water hammer. All valves closed by the contractor must be reopened as new construction permits. The project inspector must ascertain that any valve closed by the Contractor is reopened. The contractor will be permitted to operate water valves only when the project inspector assigned to the project is present.
- The Contractor shall lay a Tracer Wire and Set Test Stations along all water pipe installed in accordance with City Specifications and Tracer Wire Detail on detail sheet WL-101, cost is subsidiary to pipe installation.
- The contractor shall provide materials for temporary blowoff of waterlines. Connections to the existing waterline(s) shall be made with clean, swabbed pipe and flushed upon completion of tie-ins.
- Requests for short term water interruptions shall be made to the City Water Distribution Division and will be subject to their approval. The Contractor shall give written notice to any property owner, business, and/or tenants that will have water service interrupted at least 5 days in advance. Such notifications should indicate the time and date that the water will be turned off and when the service will be restored. No business, property owner, and/or tenants shall be without water service for more than 8 hours. Proposed tie in locations which will affect water service to property owners shall be performed during non-peak hours.
- The Contractor must schedule the connections to the existing main with the City such that there is a minimum disruption of service. Connections shall be made during periods of low water usage. The Contractor shall submit his proposed schedule for completing work for City approval at least 10 days prior to beginning construction.
- Deflections at pipe joint or couplings shall not exceed the pipe manufacturer's recommended maximum. Where deflections are greater than the maximum allowed, the contractor shall utilize fittings.
- Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.
- Valves 12 inch and larger are to be operated by the City Water Distribution Division, 48 hours of advance notice is required with the water Dispatch at 316-291-8921.
- All wet taps shall be installed by the City of Wichita. The Contractor will reimburse the City for tapping fees prior to tap being made. Unless noted on plans.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- Wichita Fire Department inspections may be scheduled by calling 316-650-0740.
- 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 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 edge-to-edge, at the closest point.

WATER UTILITY LINES

to serve

Smithmoor Commercial Addition

Lots 3,6, 9 Block A
1717 S Greenwich Rd

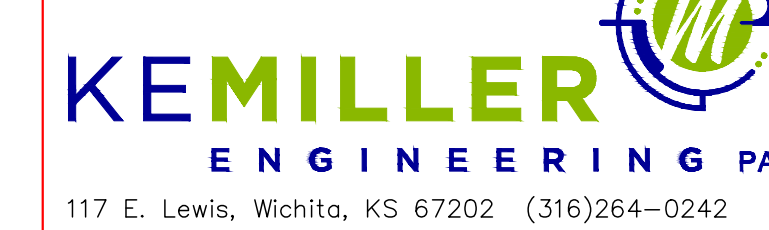
CITY OF WICHITA, KANSAS AS BUILTS

Gary Janzen, P.E. City Engineer
Project Number
PPW - 2022 - 011922
Org Code: 54030980

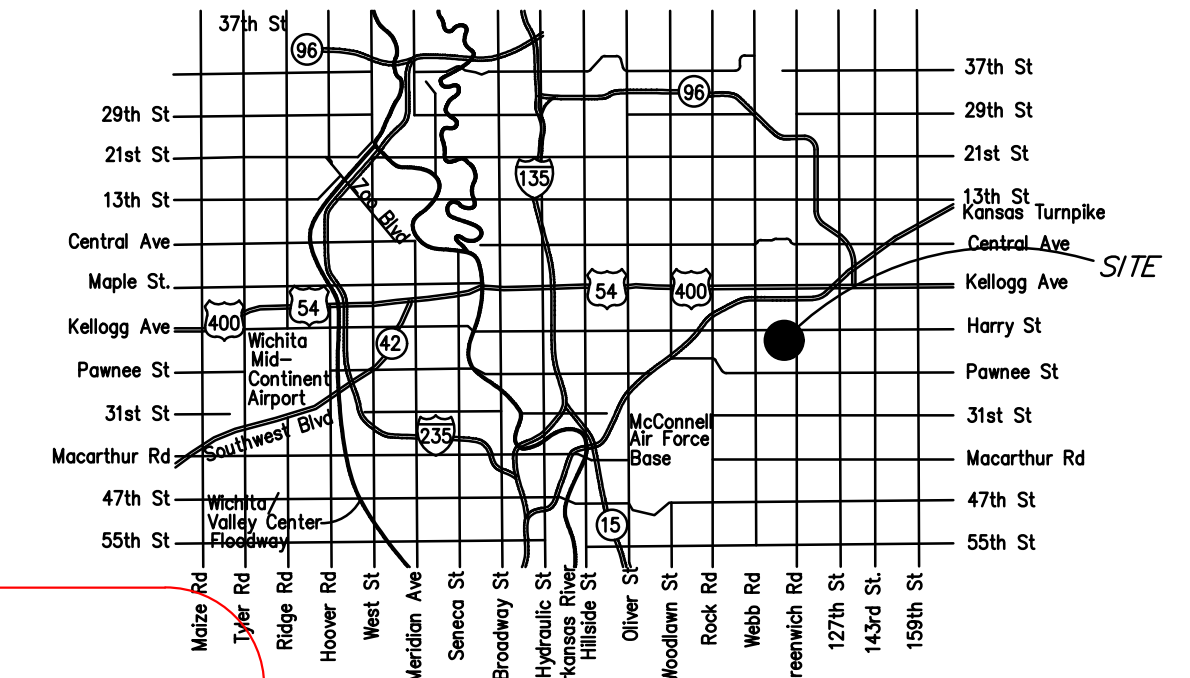
Contractor:
Pearson
Construction

Project Inspector:

Eric Miner 6 July 2022



117 E. Lewis, Wichita, KS 67202 (316)264-0242

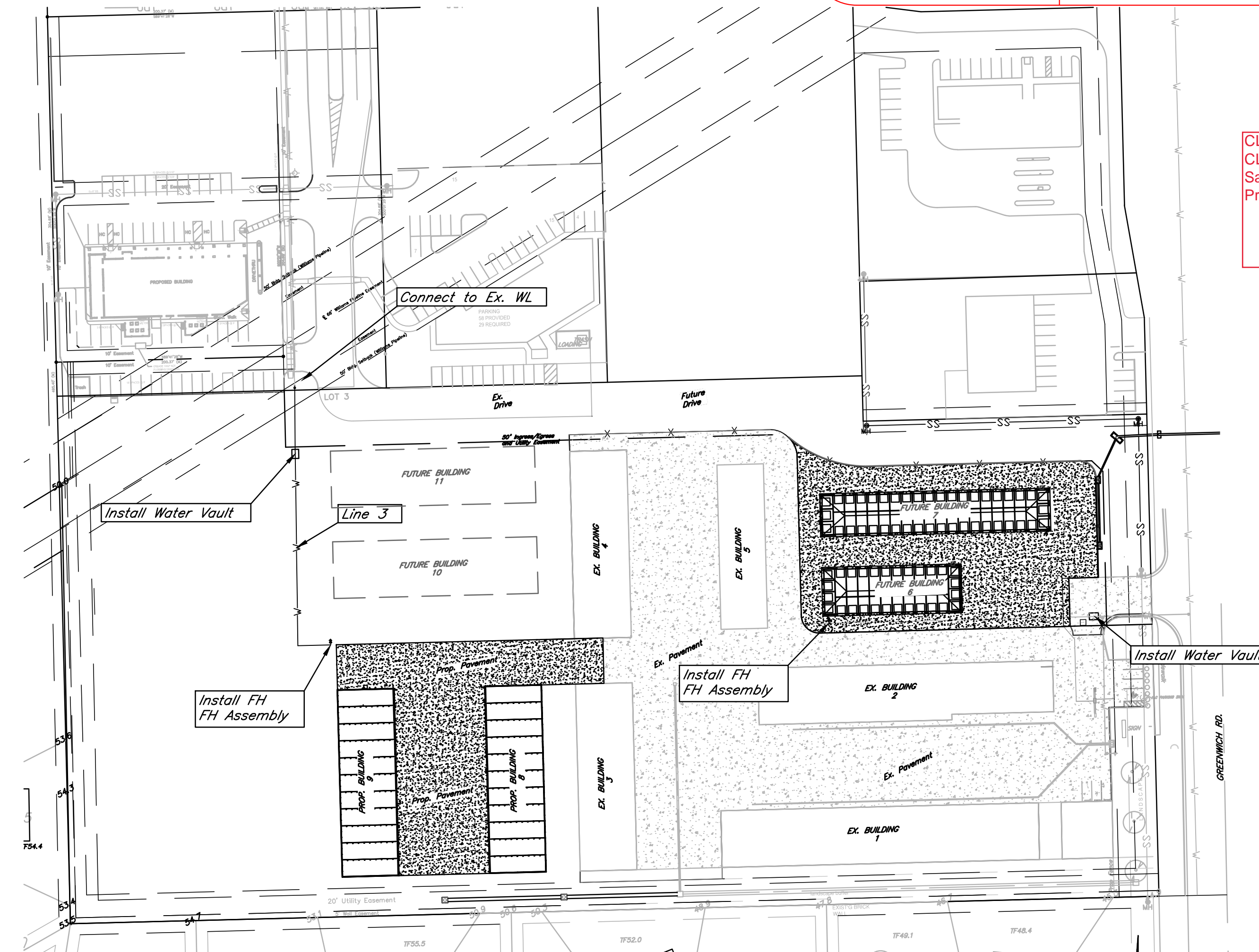


Vicinity Map

Sheet Index

1.0	Title Sheet
2.0	Control Plan
3.0	Plan and Profile - Line 1 & 2
3.1	Plan and Profile - Line 3
4.0-4.2	Water Details
5.0	Erosion Control Plan
5.1-5.5	Erosion Control BMP Details
6.0	Plot

CLOW Fire Hydrant (STORZ Connection)
CLOW Fittings
Sanderson C-900 Pipe
Pro Trace Wire

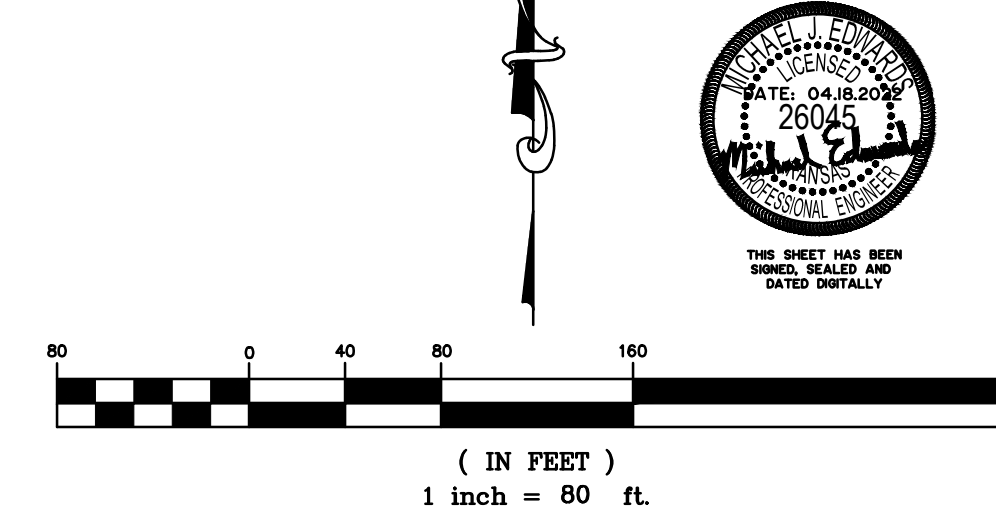


BENCHMARKS:

BM #1
COW Benchmark. Northeast corner of intersection of Harry and Greenwich. Southwest corner of concrete base for traffic signal light pole.
Elev. = 1344.45 (NAVD88)

BM #2
COW Benchmark. Northwest corner of double 4' x 6' RCBC, on hubguard. In front of 930 S. Greenwich, 250' South of Lincoln.
Elev. = 1334.61 (NAVD88)

April 2021



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

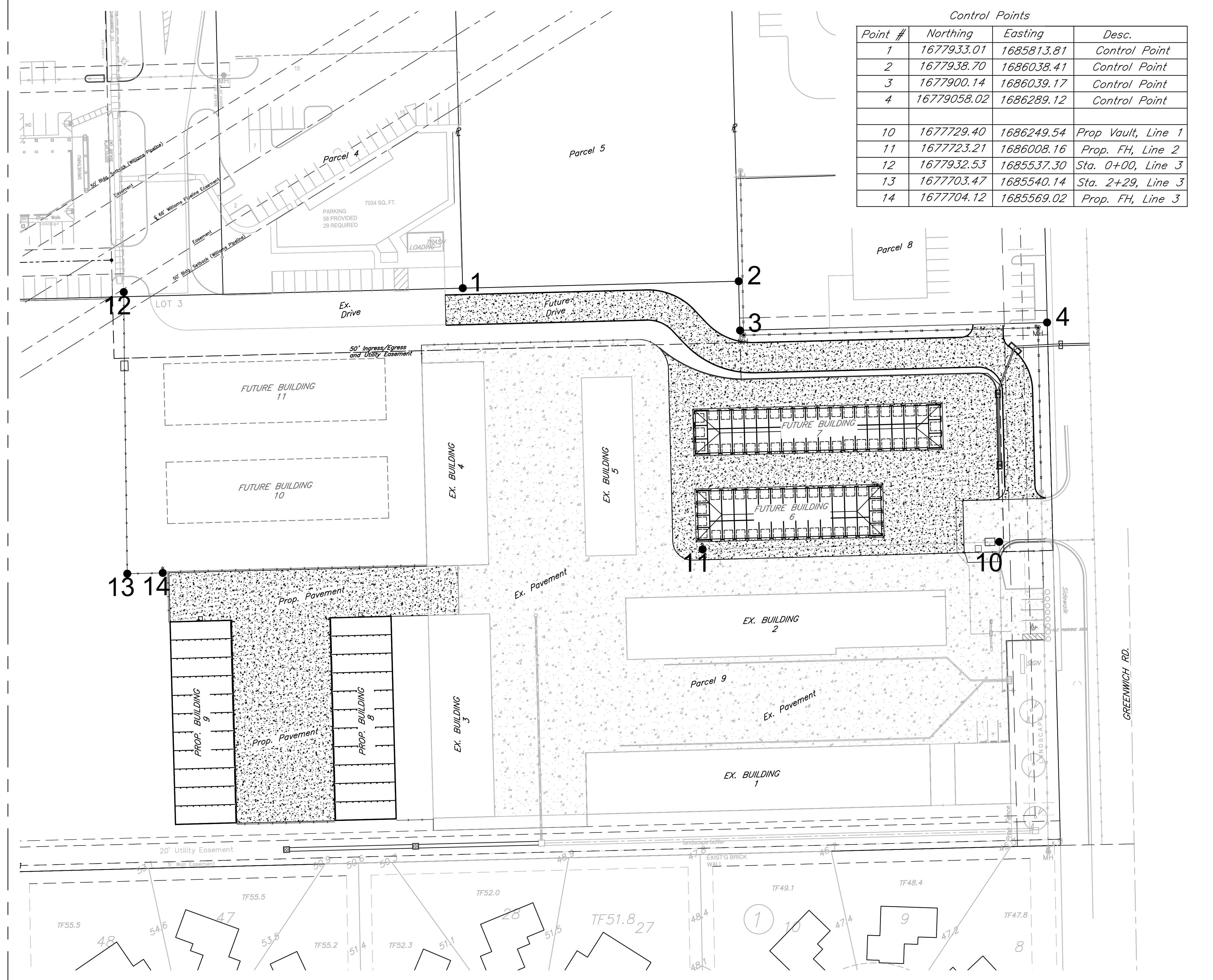
Engineering Ben Ferguson 10/29/21
Utilities Greg Lolley 10/29/21
Fire Dept. Jose Ocadiz 10/29/21

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 or 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.

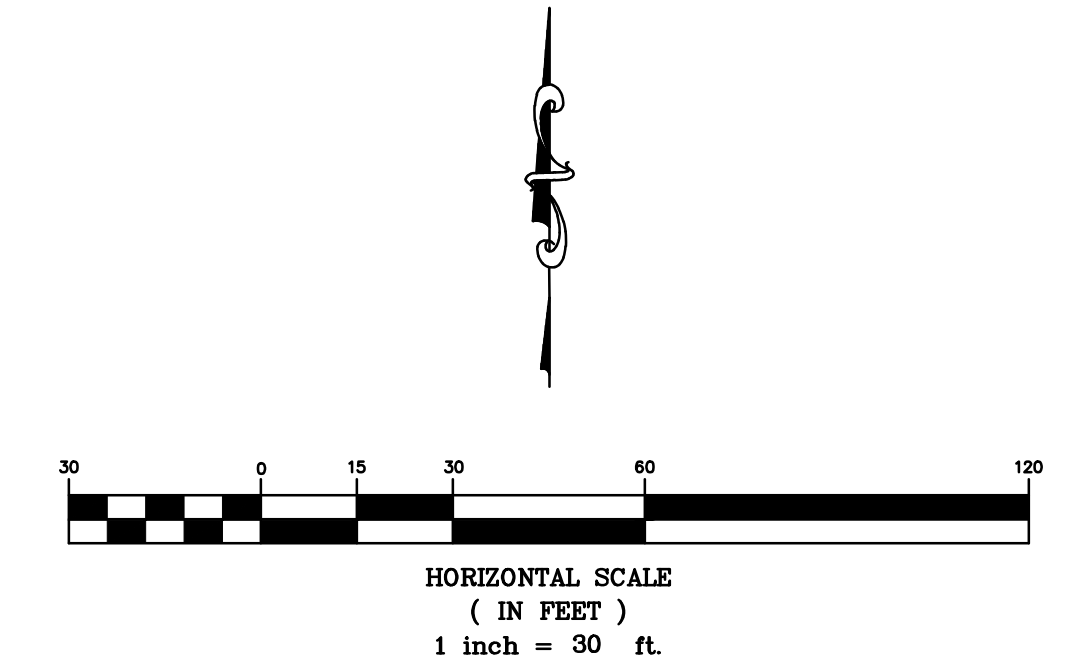
An approved copy of these plans signed by City staff are required on-site.






Control Points

Point #	Northing	Easting	Desc.
1	1677933.01	1685813.81	Control Point
2	1677938.70	1686038.41	Control Point
3	1677900.14	1686039.17	Control Point
4	16779058.02	1686289.12	Control Point
10	1677729.40	1686249.54	Prop Vault, Line 1
11	1677723.21	1686008.16	Prop. FH, Line 2
12	1677932.53	1685537.30	Sta. 0+00, Line 3
13	1677703.47	1685540.14	Sta. 2+29, Line 3
14	1677704.12	1685569.02	Prop. FH, Line 3



Wichita Storage Pro
Control Map/Plan Sheet
Wichita, Kansas

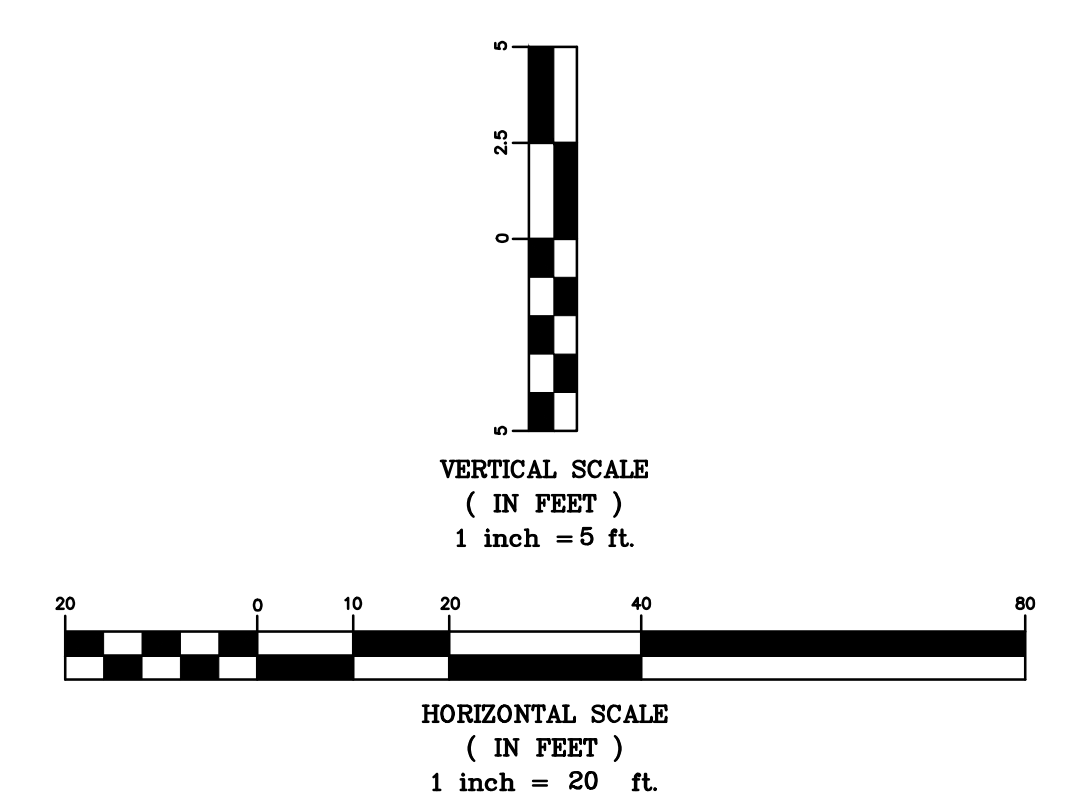
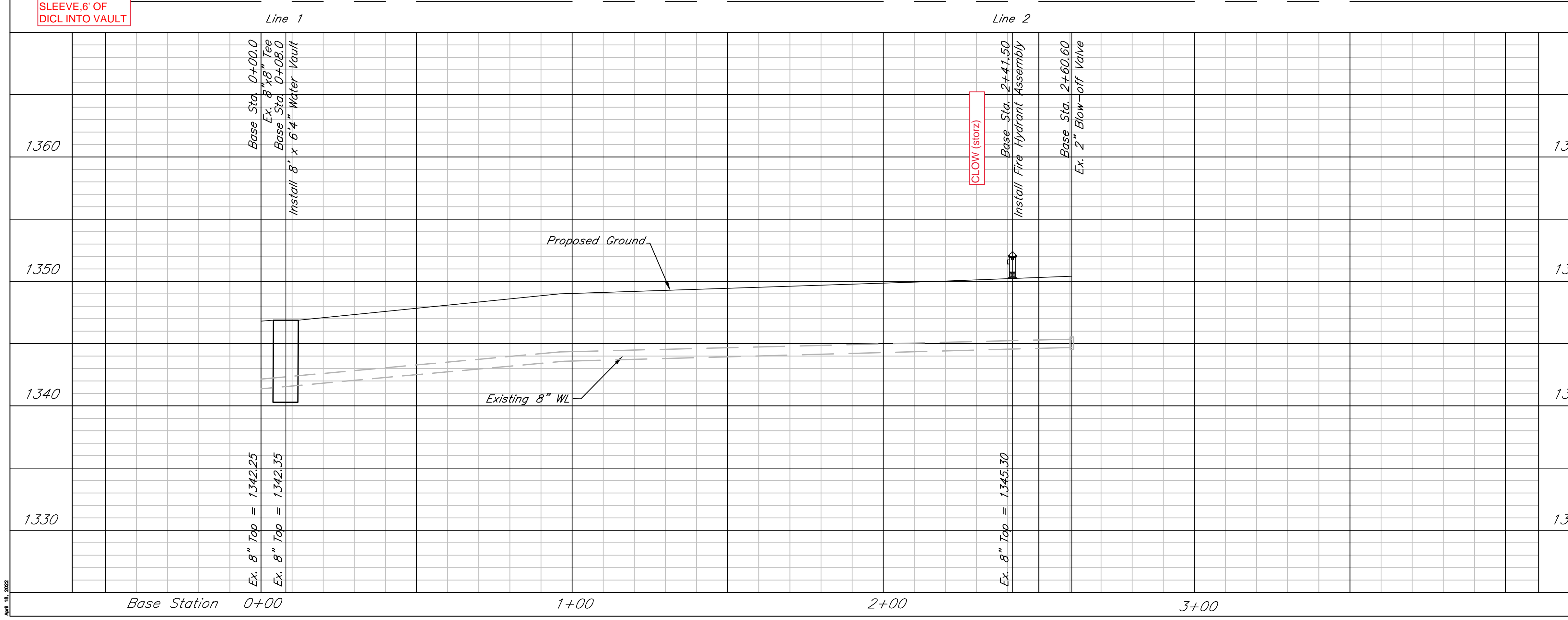
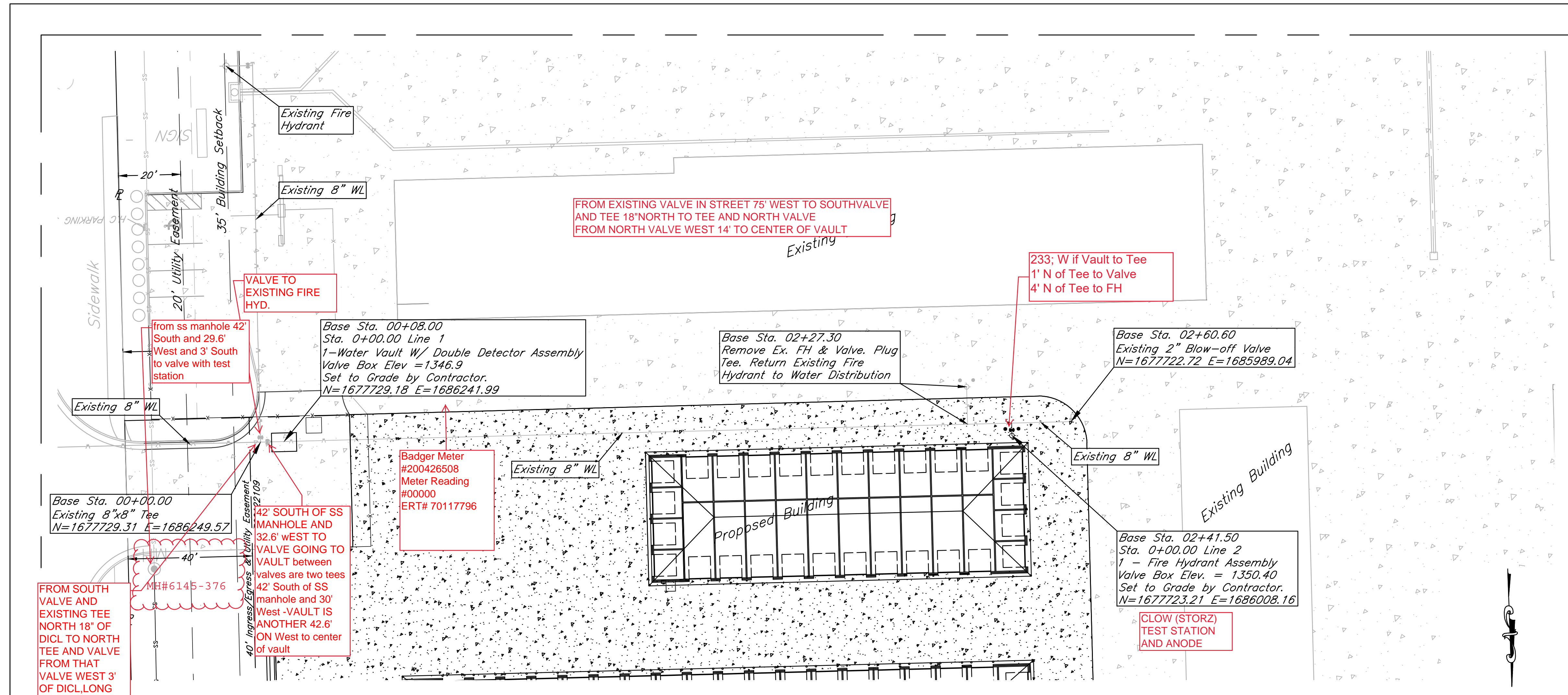
 117 E. Leola, Wichita, KS 67202 (316)264-0242	PROJECT NUMBER			SHEET 2.0
	KEM NO. 20098	FILE	DATE 03/2021	
DESIGN KM	DRAWN PG	REVISED		

AS BUILTS



117 E. Lewis,
Wichita, KS 67202

(316)264-0242



Wichita Storage Pro Plan and Profile, Line 1 & 2 Wichita, Kansas

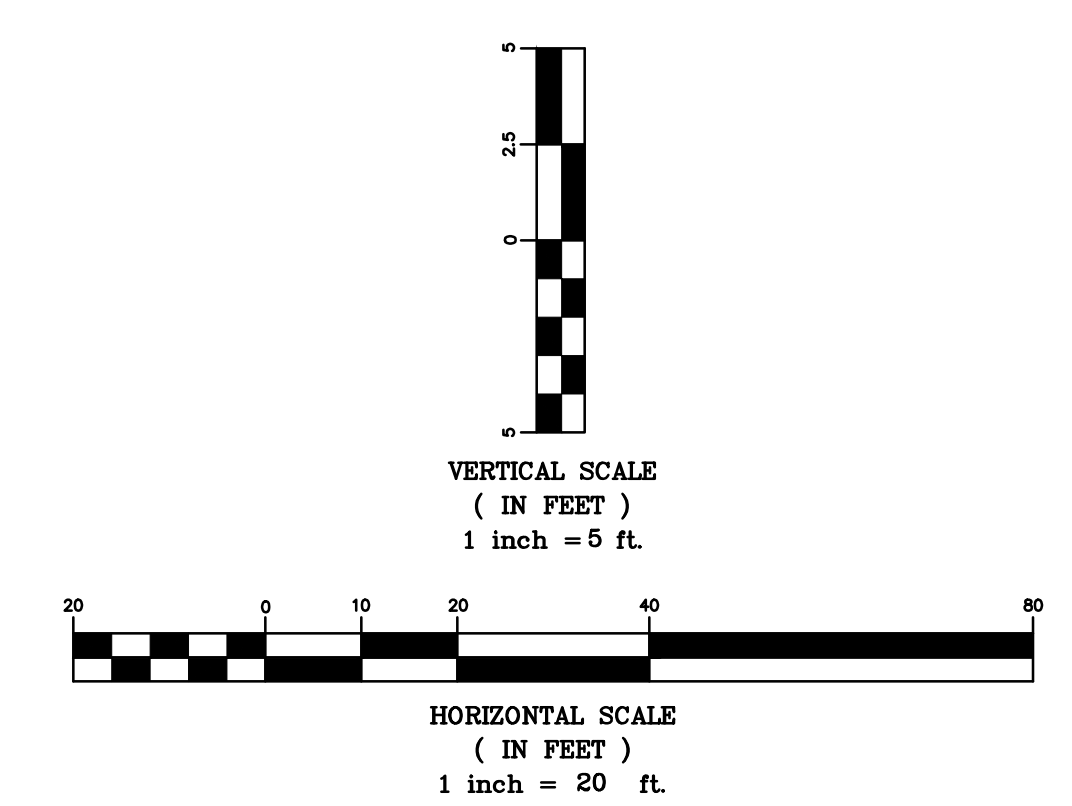
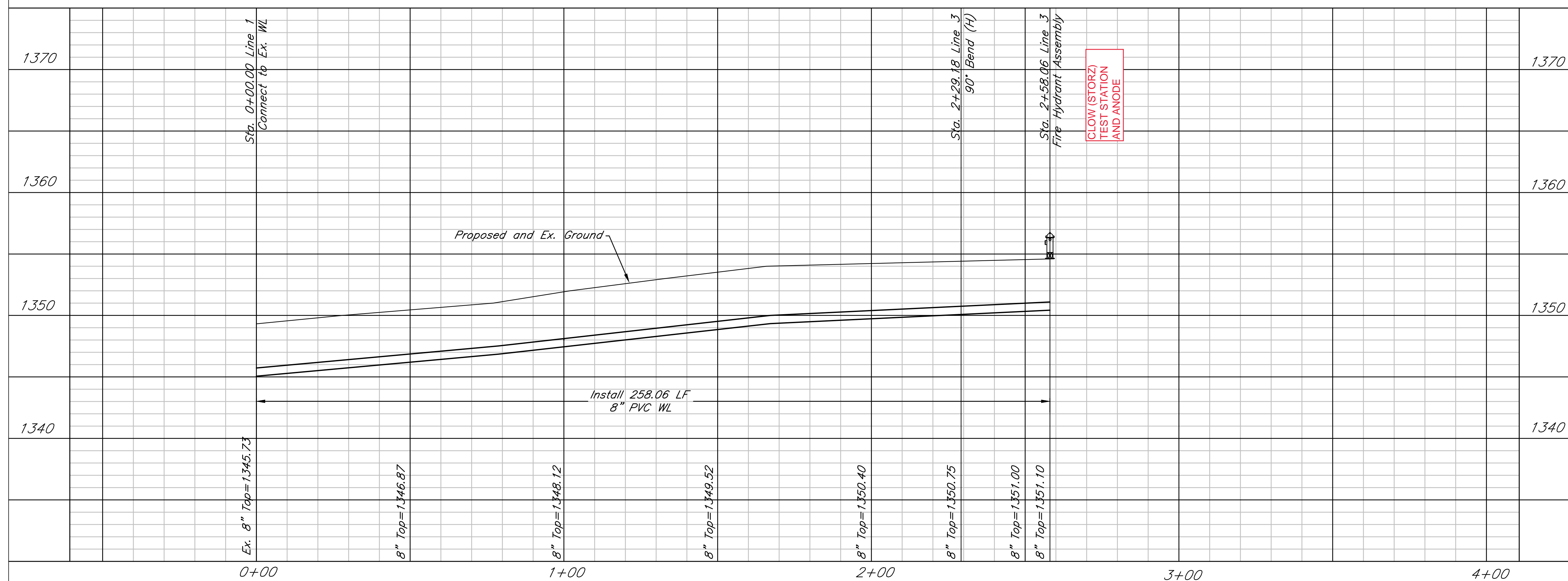
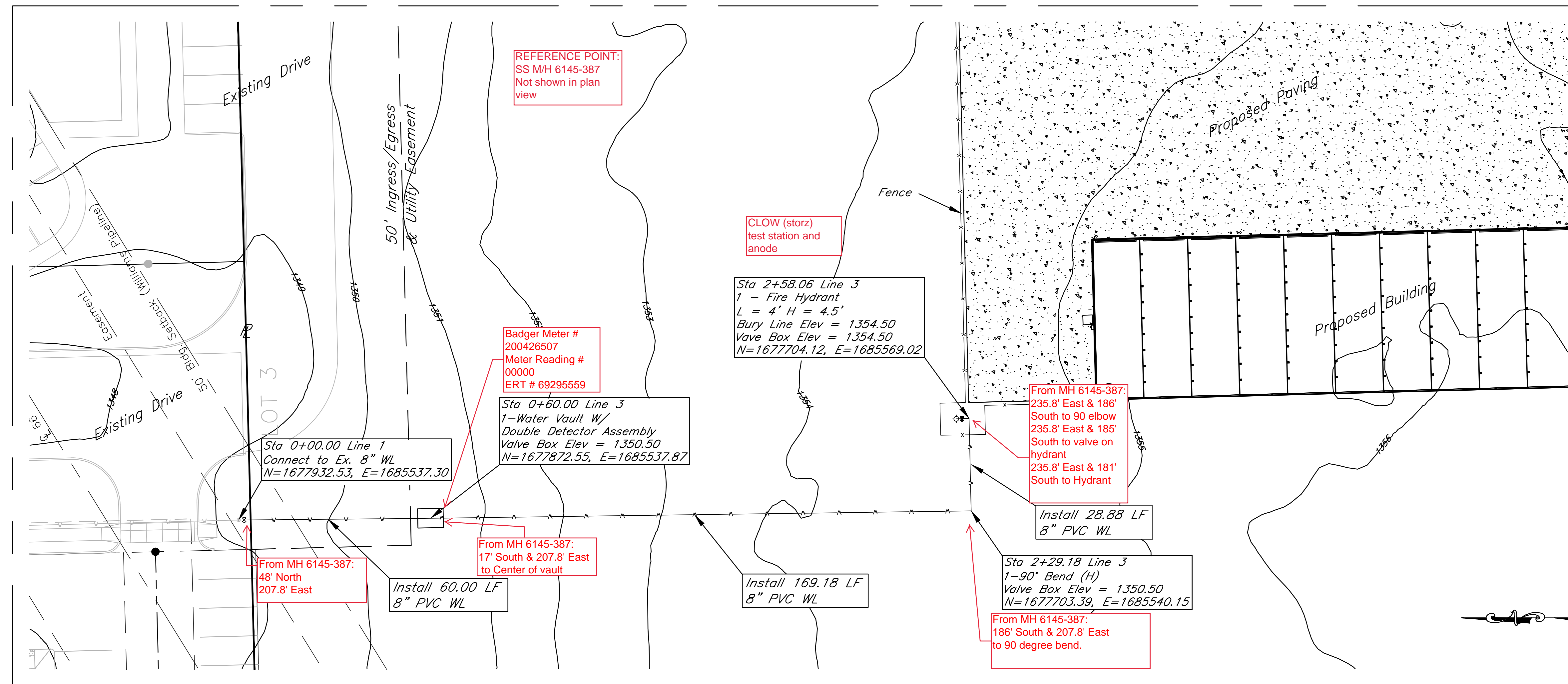
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	DESIGN ME	DRAWN ME	REVISED	

Apr 18, 2022

AS BUILTS

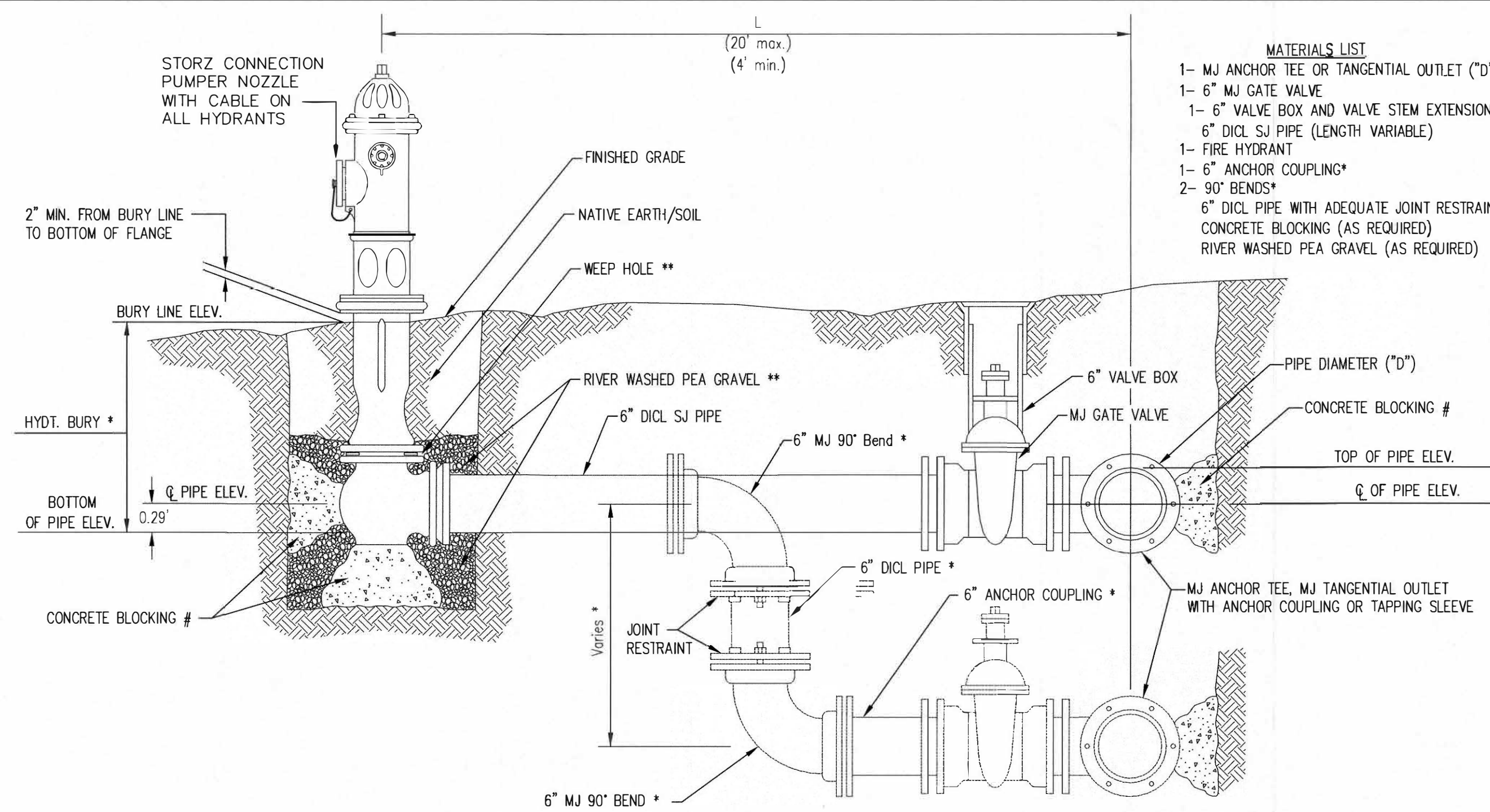
KEMILLER
ENGINEERING PA

117 E. Lewis,
Wichita, KS 67202 (316)264-0242



Wichita Storage Pro
Plan and Profile, Line 3
Wichita, Kansas

KEMILLER ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242	PROJECT NUMBER	FILE	DATE	SHEET 3.1
	DESIGN ME	DRAWN ME	REVISD	



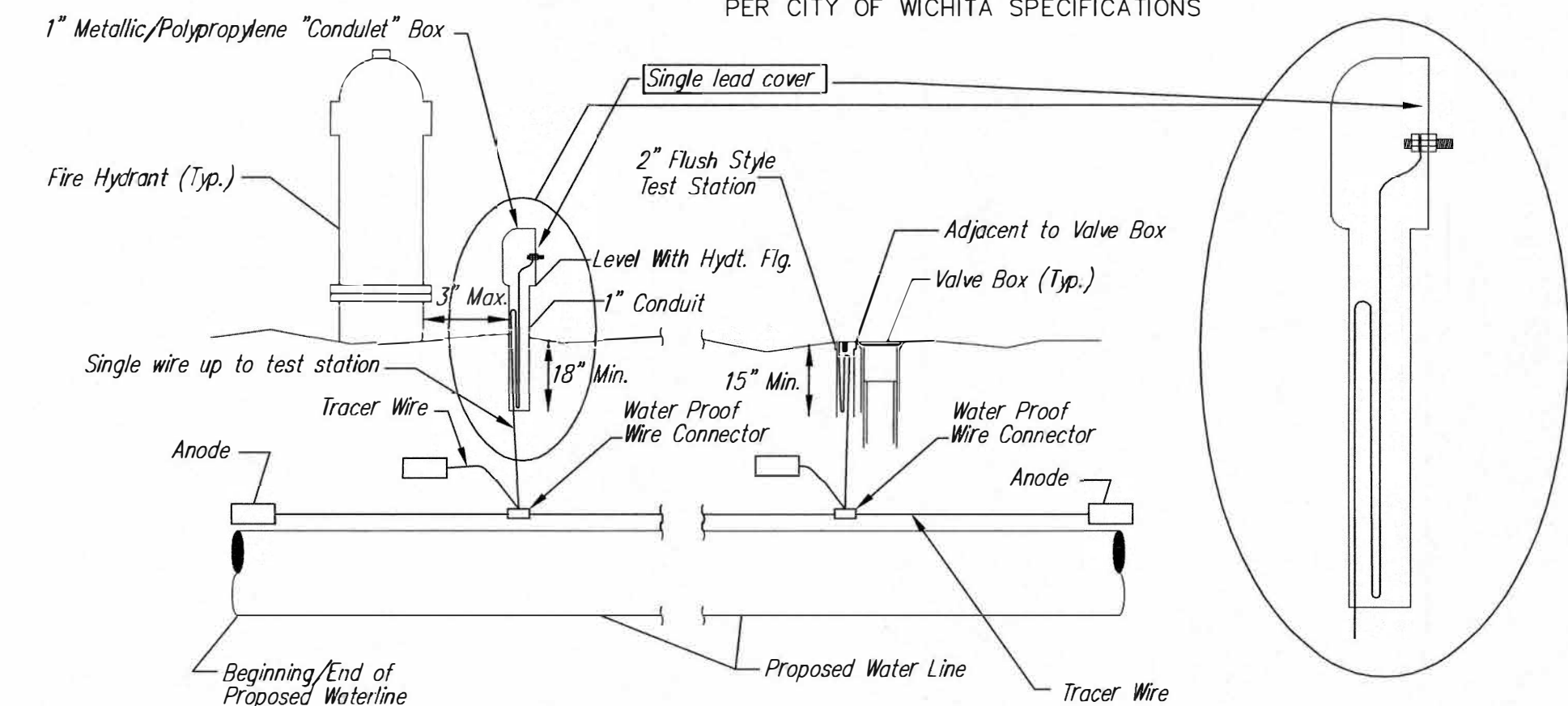
- MATERIALS LIST**
- 1- MJ ANCHOR TEE OR TANGENTIAL OUTLET (6"x 6")
 - 1- 6" MJ GATE VALVE
 - 1- 6" VALVE BOX AND VALVE STEM EXTENSION IF REQUIRED *
 - 6" DICL SJ PIPE (LENGTH VARIABLE)
 - 1- FIRE HYDRANT
 - 1- 6" ANCHOR COUPLING*
 - 2- 90° BENDS*
 - 6" DICL PIPE WITH ADEQUATE JOINT RESTRAINT *
 - CONCRETE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

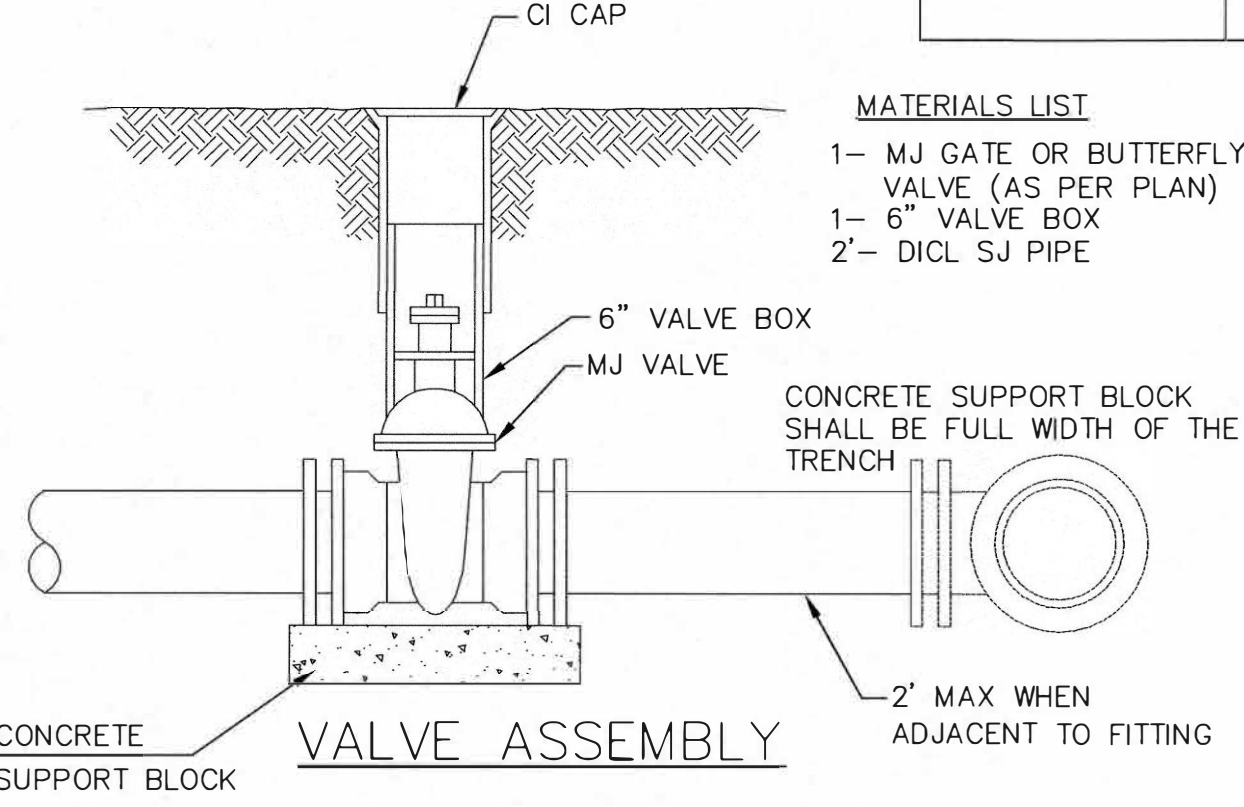
WIRES
The tracer wire shall be Blue No. 12 AWG CCS with 45 mil HDPE insulation. To allow for grade adjustment, a minimum of 12" of excess wire shall be coiled at the bottom of the test station for all wires. Wire connectors shall be installed per manufacturer recommendations. Contractor shall attach 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 # 12PH7BILP Handley Industries or CD14*IP 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 installed 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.

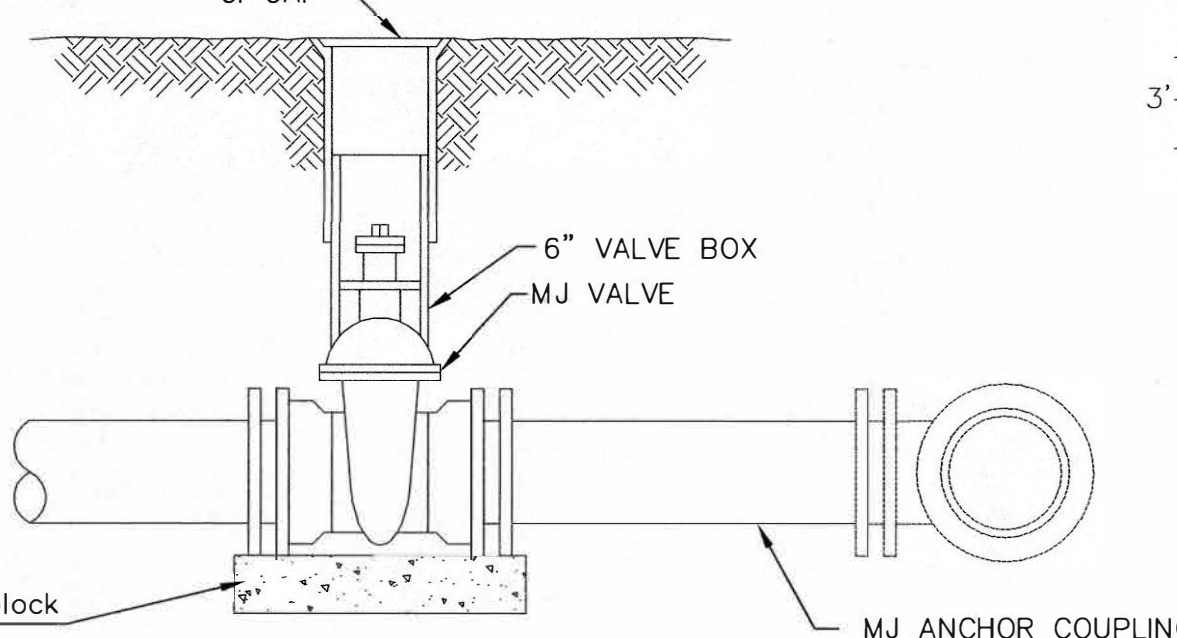
ANODES
The anodes shall be 3 lb. bare zinc or magnesium. The anodes shall be buried at the same elevation as the waterline at each test station. The anodes shall be connected to 12 AWG CCS which shall be extended to the test station.

TRACER WIRE DETAIL
COST IS SUBSIDIARY TO PIPE INSTALLATION

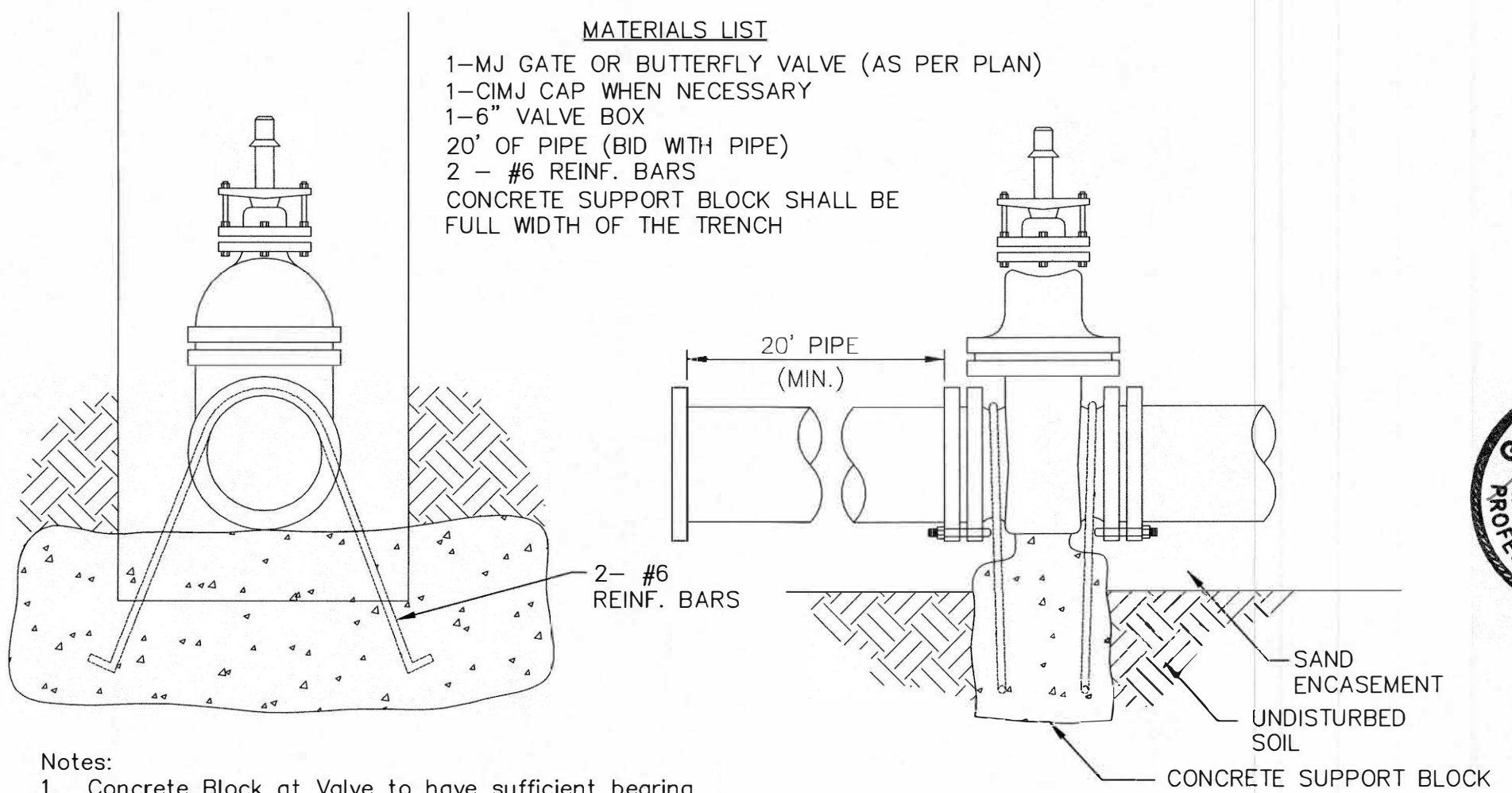
FIRE HYDRANTS REQUIRED				
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
Sta 0+00, Line 2	1350.40	1345.30	6.0	NA



- 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



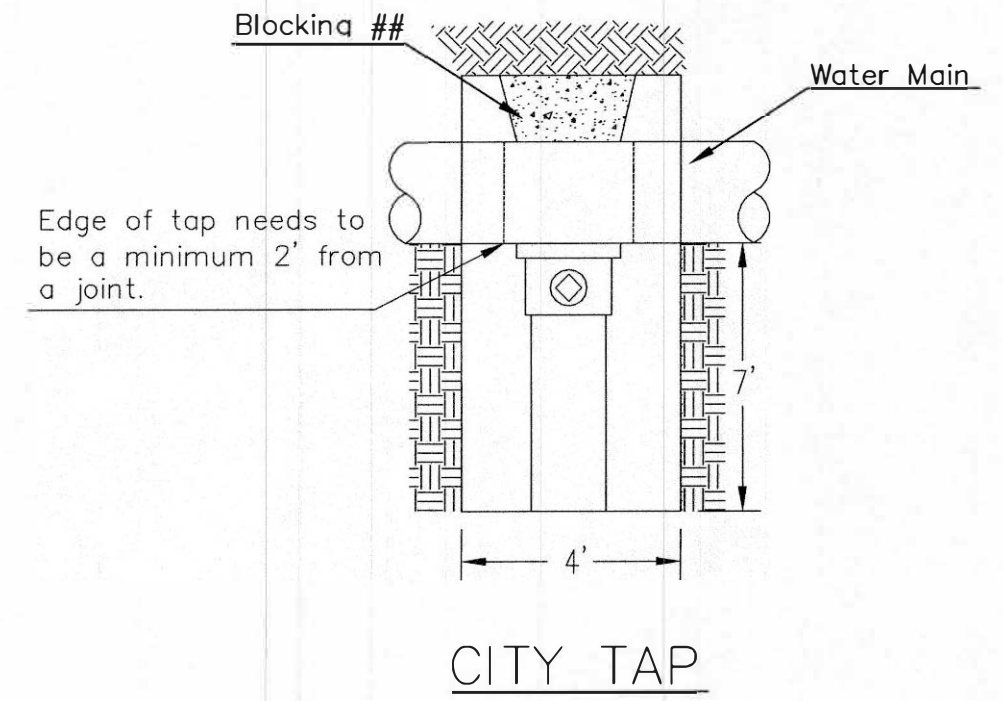
ANCHORED VALVE ASSEMBLY



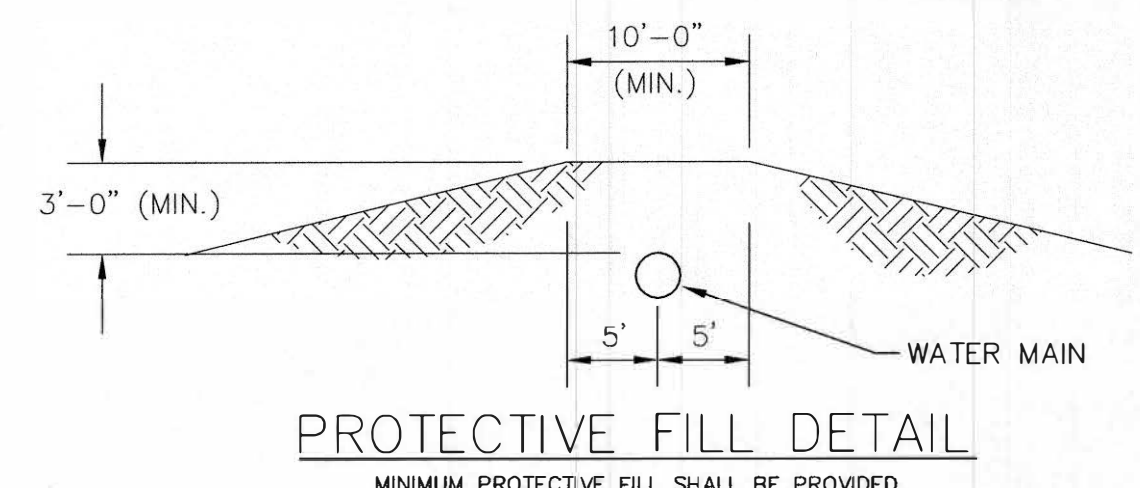
- Notes:
- Concrete Block at Valve to have sufficient bearing in undisturbed soil to prevent thrust movement as shown in table at right. Field Engineer to determine thrust loading of undisturbed soil and final size of thrust block.
 - The thrust block shall be constructed such that bolts, nuts, and other 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.

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

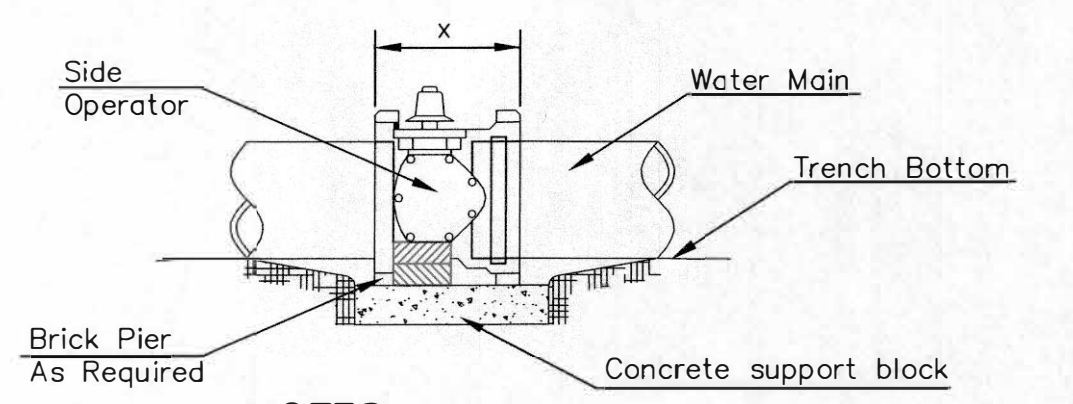
ANCHORED VALVE ASSEMBLY, SPECIAL



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

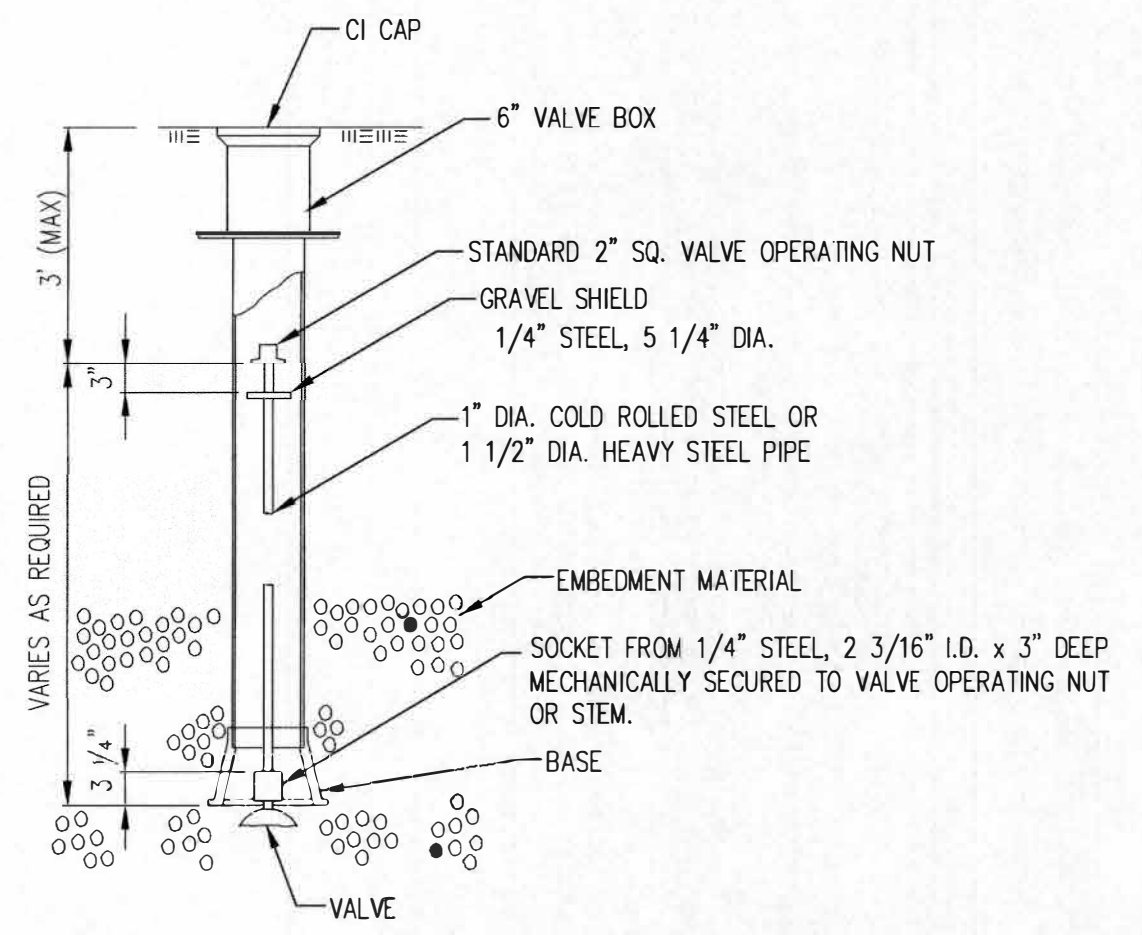


MINIMUM PROTECTIVE FILL SHALL BE PROVIDED IN ALL INSTANCES WHERE COVER OVER THE PROP. WATER LINE IS LESS THAN 3' (COST SUBSIDIARY TO PIPE INSTALLATION)



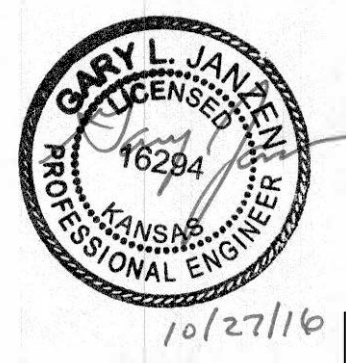
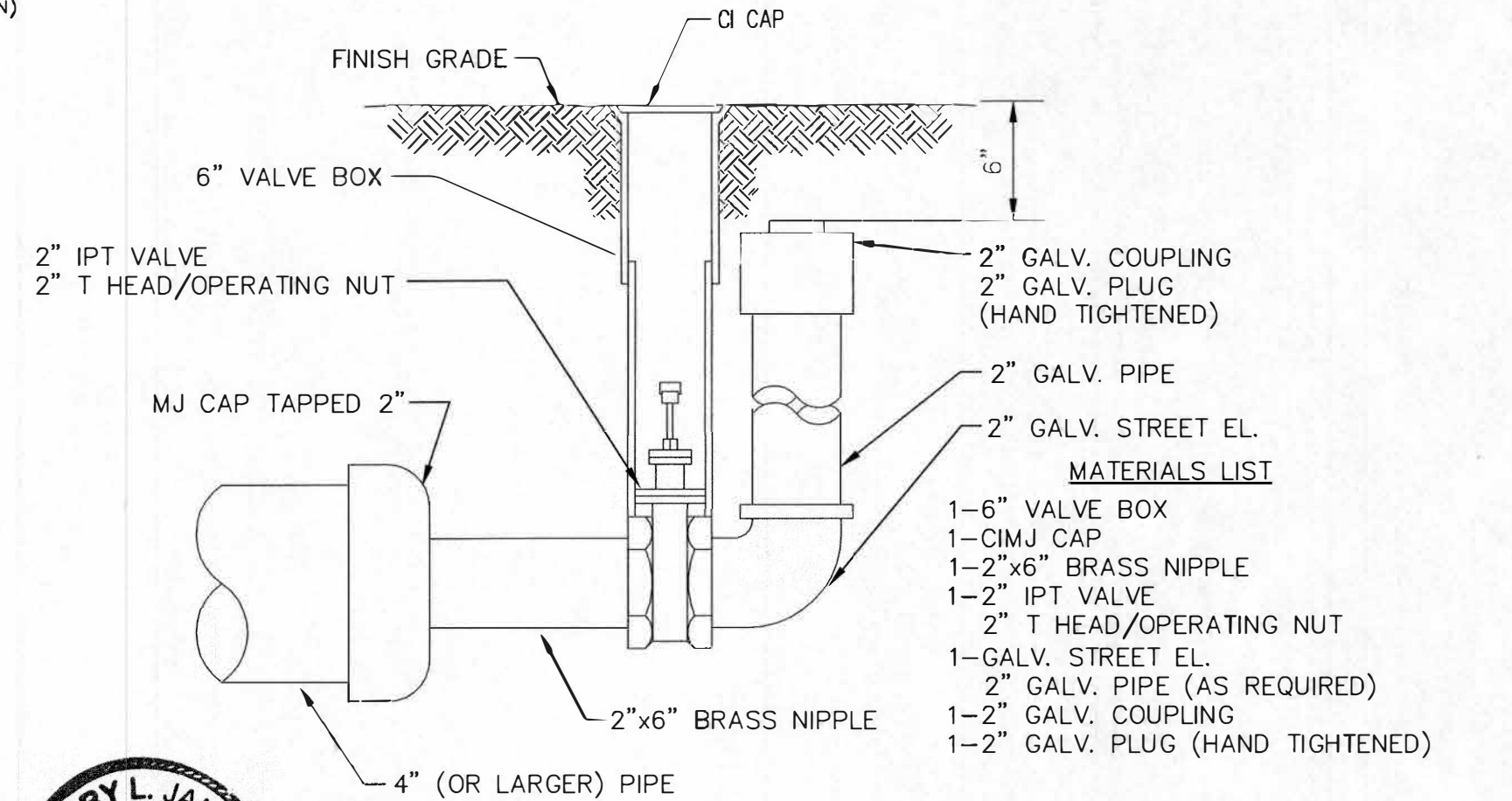
- NOTES**
- This detail covers Butterfly Valve installation, inclusive, regardless of type of pipe or joint used. 24" and larger lines to be detailed on plans.
 - 6" Valve Box and Cover required per City of Wichita Std. Specifications.
 - Conc. Support Block to be full width of trench.

CONCRETE SUPPORT BLOCKING FOR BUTTERFLY VALVE INSTALLATION



VALVE STEM EXTENSION DETAIL

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

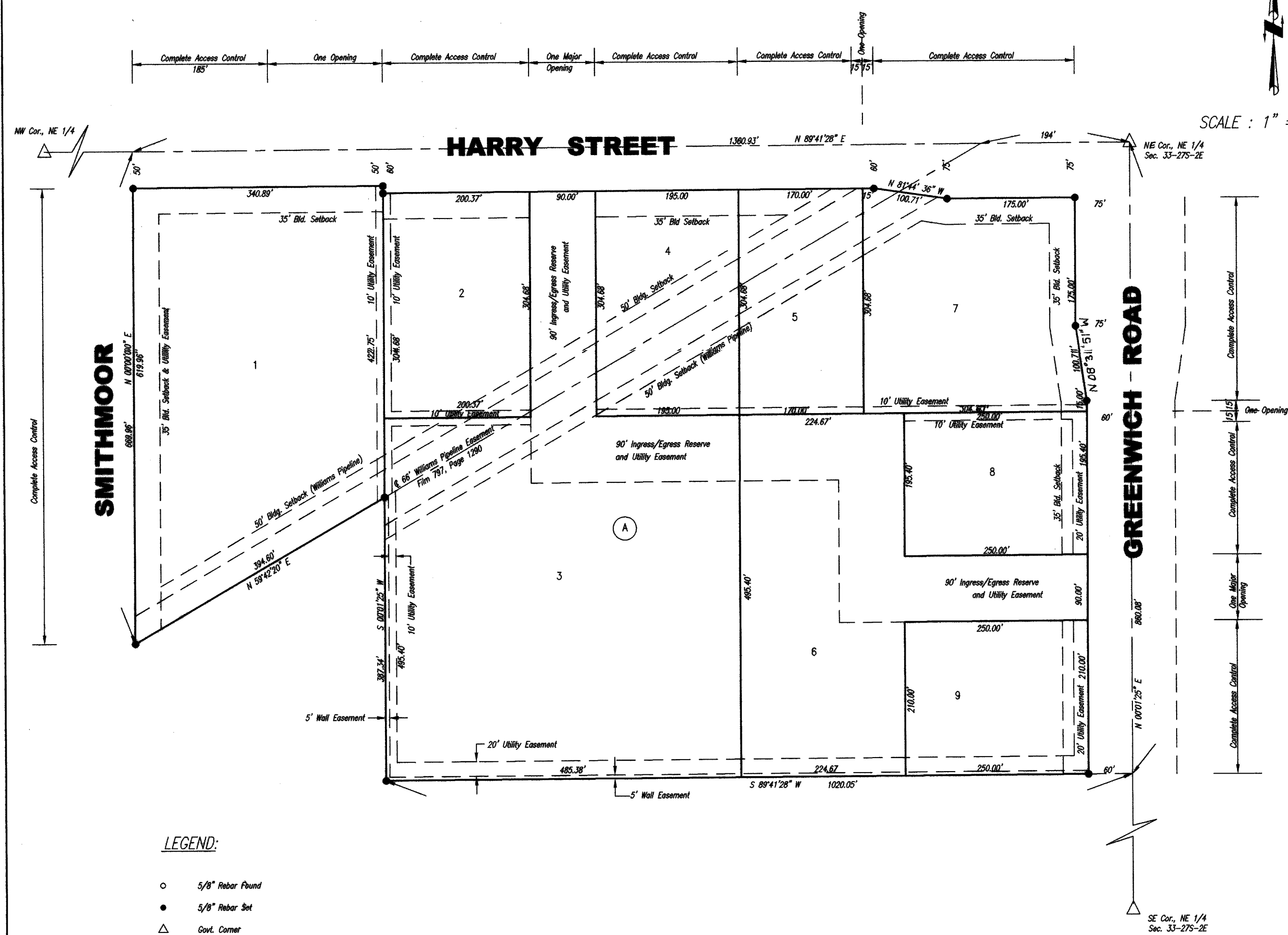


2" BLOWOFF ASSEMBLY



STANDARD WATER ASSEMBLY DETAIL		
CITY ENGINEER		
GARY JANZEN, P.E.		
PROJECT NUMBER	OCA NUMBER	DATE
CITY ENGINEER'S OFFICE		SHEET
CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		4.0

REVISED: OCTOBER 2016



LEGEND:

- 5/8" Nail Found
- 5/8" Nail Set
- △ Cont. Corner

NOTE:
This Addition is subject to conditions of the associated Smithmoor Commercial CUP No. 243

REVIEWED IN ACCORDANCE WITH K.S.A. 58-2005 ON THIS
15th DAY OF October, 1999

Tricia L. Robello
TRICIA L. ROBELLO, L.S. # 1246
DEPUTY COUNTY SURVEYOR
SEDGWICK COUNTY, KANSAS

FINAL PLAT
SMITHMOOR COMMERCIAL ADDITION
TO
WICHITA, SEDGWICK COUNTY, KANSAS

STATE OF KANSAS }
SEDGWICK COUNTY } SS

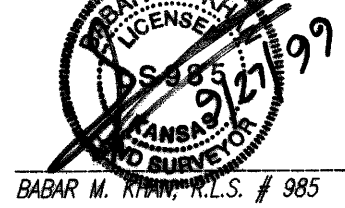
I, Babar M. Khan, A Licensed land surveyor in aforesaid county and state, do hereby certify that I have surveyed and plotted "Smithmoor Commercial Addition to Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of property surveyed, described as follows:

A tract of land located in the Northeast Quarter of Section 33, Township 27 South, Range 2 East of the 6th Principal Meridian, in Sedgwick County, Kansas, more particularly described as follows:

Beginning at the Northeast corner of the Northeast quarter of Section 33, Township 27 South, Range 2 East of the 6th Principal Meridian in Wichita, Sedgwick County, Kansas; Thence Bearing S 89°-41'-28" W along the North line of said Northeast quarter, a distance of 1,360.83 feet to a point which is the Northeast corner of Smithmoor First Addition to Wichita, Sedgwick County, Kansas; Thence Bearing S 00 degrees-00'-00" E, along the East line of said Smithmoor First Addition, a distance of 689.96 feet; Thence Bearing N 59°-42'-20" E, a distance of 394.60 feet; Thence Bearing S 00°-01'-25" W, a distance of 387.34 feet; Thence Bearing W 89°-41'-28" E, a distance of 1020.05 feet to a point on the East line of said Northeast quarter; Thence Bearing N 00°-01'-25" E, a distance of 860.08 feet to the point of beginning except road right of way for Harry and Greenwich.

All easement, right-of-ways, previously granted are hereby vacated in accordance with K.S.A. 12-512(b), as amended.

This survey was completed on _____, 1999.



BABAR M. KHAN, L.S. # 985

Know all men by these presents, That we, the undersigned owners of the land above set forth in the Surveyor's certificate, have caused the land to be surveyed and plotted into lots, blocks, and streets, the same to be known as "Smithmoor Commercial Addition to Wichita, Sedgwick County, Kansas". Easements as indicated for the construction and maintenance of public utilities are hereby granted. The streets are hereby dedicated to and for the use of the public.

Wall Easement is hereby granted for construction and maintenance of a wall.

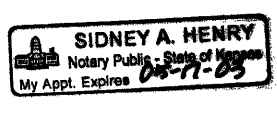
A drainage plan has been developed for the plot and that all drainage easements, rights-of-way, or reserves shall remain at established grades or as modified with the approval of the City Engineer, and unobstructed to allow for the conveyance of storm water

Access Control is hereby granted as follows:

1. There shall be access control to and from Harry Street, over and across the North line of Lot 1, EXCEPT for one opening. This opening will not be allowed in the West 185 feet of said North line.
2. There shall be complete access control to and from Harry Street, over and across the North lines of Lots 2 & 4.
3. One major opening will be allowed to and from Harry Street as shown.
4. There shall be access control to and from Harry Street, over and across the North lines of Lots 5 & 7, EXCEPT for one joint opening. This opening will be located in the East 15 feet of Lot 5 and West 15 feet of Lot 7.
5. There shall be access control to and from Greenwich Road, over and across the East lines of Lots 7 & 8, EXCEPT for one joint opening. This opening will be located in the South 15 feet of Lot 7 and North 15 feet of Lot 8.
6. One major opening will be allowed to and from Greenwich Road as shown.
7. There shall be complete access control to and from Greenwich Road, over and across the East line of Lot 9.

Ron Smith
Ron Smith, President
Smith & Company, Inc.

STATE OF KANSAS }
SEDGWICK COUNTY } SS



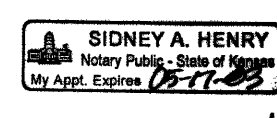
This instrument was acknowledged before me on this 27th day of September, 1999, By Ron Smith as President of Smith & Company.

Sidney A. Henry Sidney A. Henry, Notary Public
My Commission Expires: May 17, 2003

We, Emprise Bank, holder of a mortgage on the above described property do hereby consent to this Plat "Smithmoor Commercial Addition to Wichita Sedgwick County, Kansas".

EMPRISE BANK
by Jerry Frith
Jerry Frith, VICE-PRESIDENT

STATE OF KANSAS }
SEDGWICK COUNTY } SS



This instrument was acknowledged before me on 27th day of September, 1999, By Jerry Frith as VICE PRESIDENT and by _____ as _____ of Emprise Bank and on behalf of Emprise Bank.

Sidney A. Henry Sidney A. Henry, Notary Public
My Commission Expires: May 17, 2003

This Plat of "Smithmoor Commercial Addition" has been submitted to and approved by The Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated 30th day of September, 1999.

William M. McMan Chairman
Marvin Kroat Secretary



Consent is hereby given for the formation of Sanitary Sewer District within the boundary of this plat by the Board of Sedgwick County Commissioners, as they deem necessary to provide sanitary sewer service to this area.

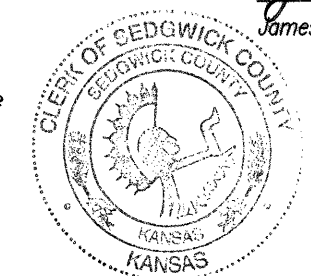
This plat approved and all dedications, shown hereon, if any, accepted by the City Council of City of Wichita, Kansas, This 2nd day of April, 1999.

Bob Knight Mayor
Pat Burnett City Clerk



Entered on transfer record on this 5 day of Jan, 2000

James Allford by Paul H. Zell County Clerk
James Allford



This is to certify that this instrument was filed for record in the Register of Deeds office of 4:00 P.M., on this 5th day of January, 2000.

Bill Meek Register of Deeds
Shirley Kizzire Deputy



1855453

PROJECT No. 99-09
ME MUNICIPAL ENGINEERS, P.A.
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

