

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 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 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.

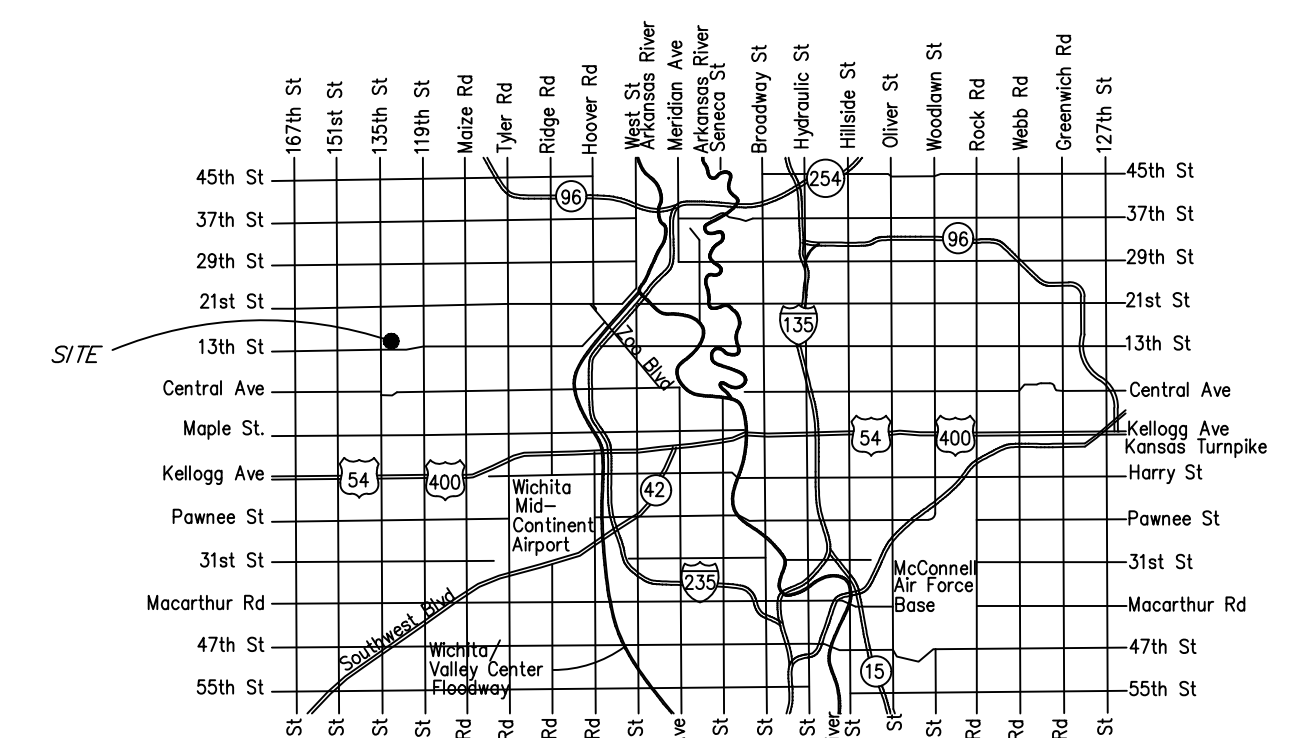
- Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
- All applicable fees (tap, equity, in lieu of & main benefit) must be paid before any work on this project can commence. Contact Chris Stone at 316-268-4641
- 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 manufactures 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.
- Fire Line 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.

FIRE LINE to serve **Green Gate School** PART OF LOT 1 WEST MEADOWS ADDITION CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E. City Engineer
2025-008223 PPW (54030980)

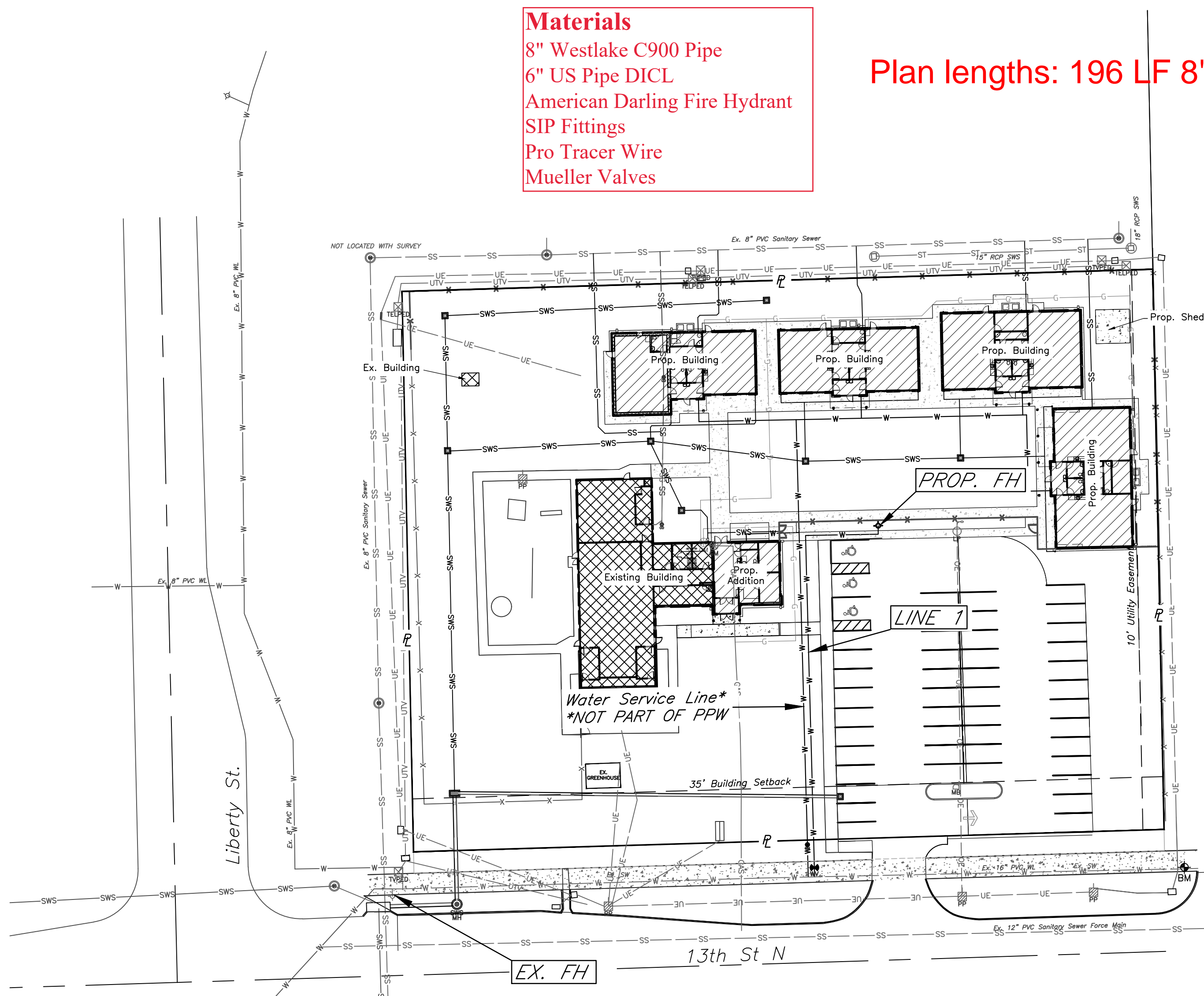
Materials
8" Westlake C900 Pipe
6" US Pipe DICL
American Darling Fire Hydrant
SIP Fittings
Pro Tracer Wire
Mueller Valves

Plan lengths: 196 LF 8"; 4 LF 6"



Vicinity Map Sheet Index

- 1.0 Title Sheet
- 2.1 Std. Wtr. Ass'y Details
- 2.2 Misc. Wtr. Details
- 3.0 Plan & Profile Line 1
- 4.0 Erosion Control Plan
- 4.1-4.5 Erosion Control Details
- 5.0 Plot (REFERENCE ONLY)



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

Engineering approved by Shawn Mellies on this day the 4th of April, 2025
Utilities approved by Grea Lolley on this day the 4th of April, 2025
Fire Dept. approved by Jose Ocaziz on this day the 4th of April, 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 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.

AS-BUILTS

Contractor: Ewertz Excavation Inc.
Project Inspector: Pablo Oden

Date: 7/01/2025

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

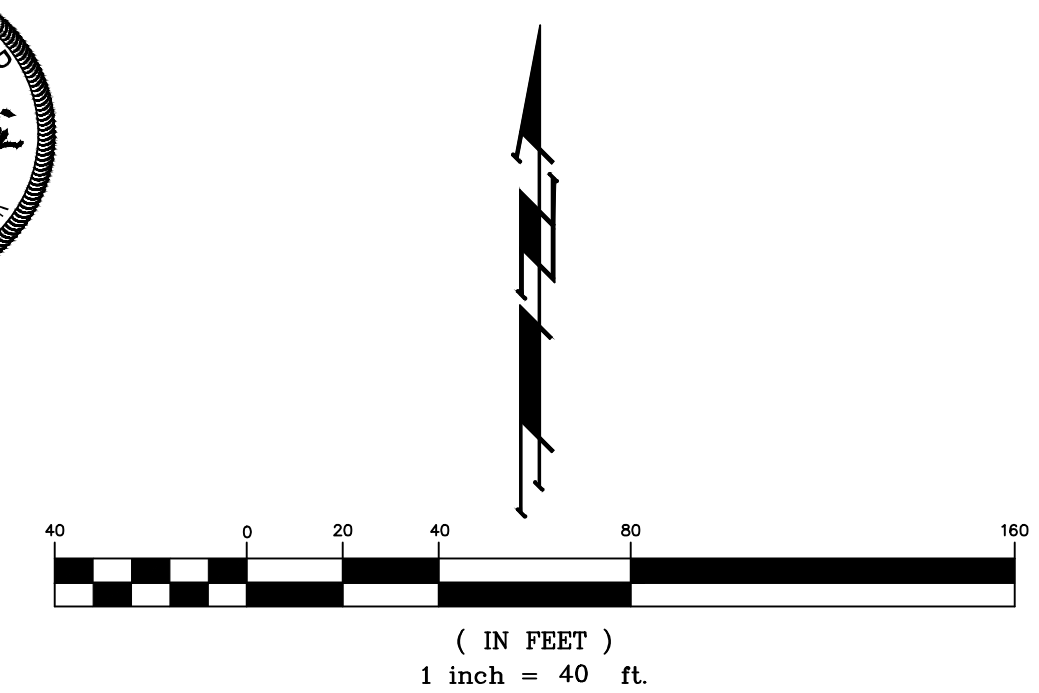


THIS SHEET HAS BEEN SIGNED, SEALED AND DATED DIGITALLY

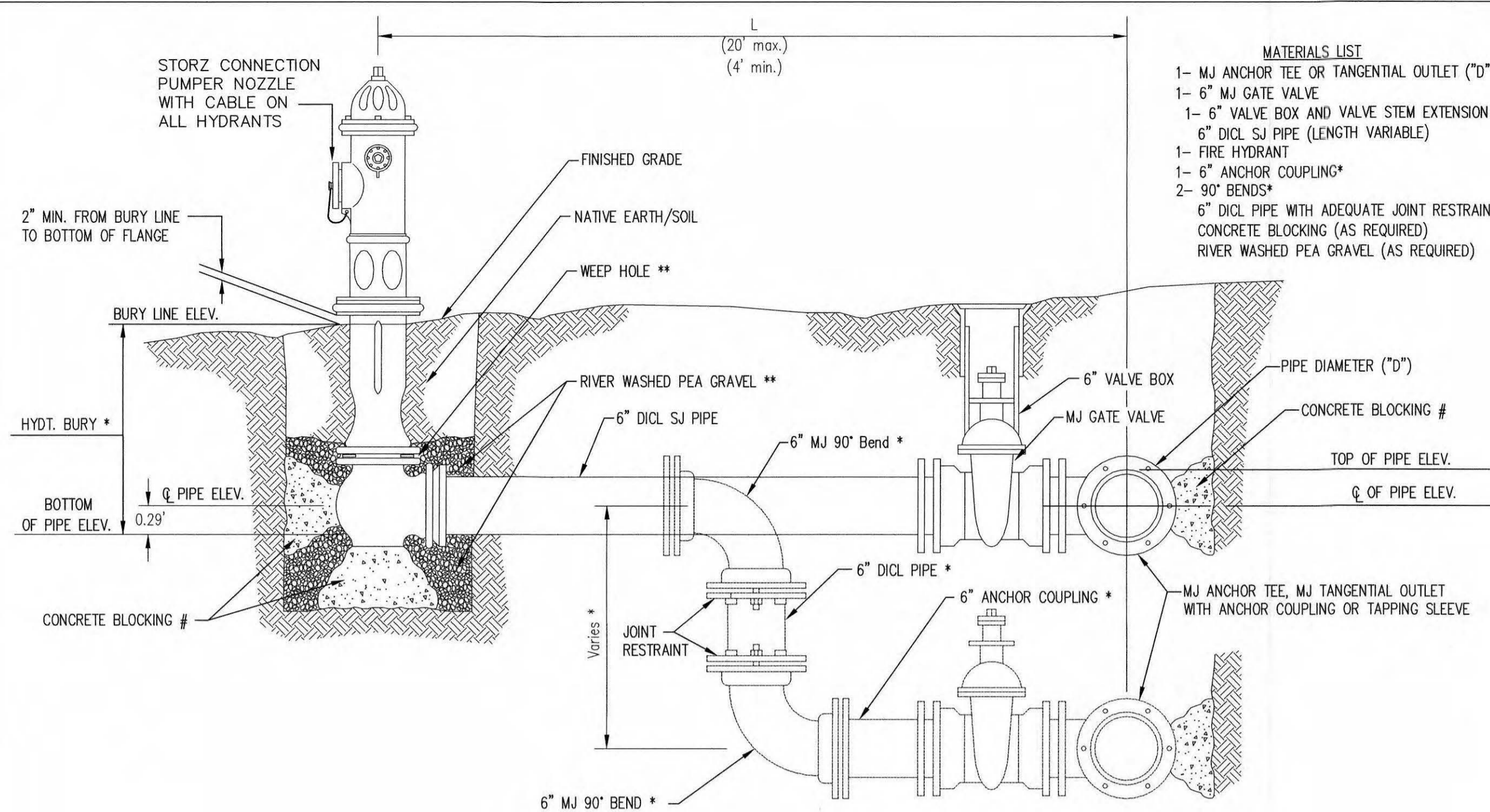
Benchmarks

BM#1: PK Nail located approx. 18 feet South and 9.5 Feet East of the Southeast Corner of Lot 1, West Meadows Addition
Elev. = 1348.24 (NAVD88)

MARCH, 2025



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



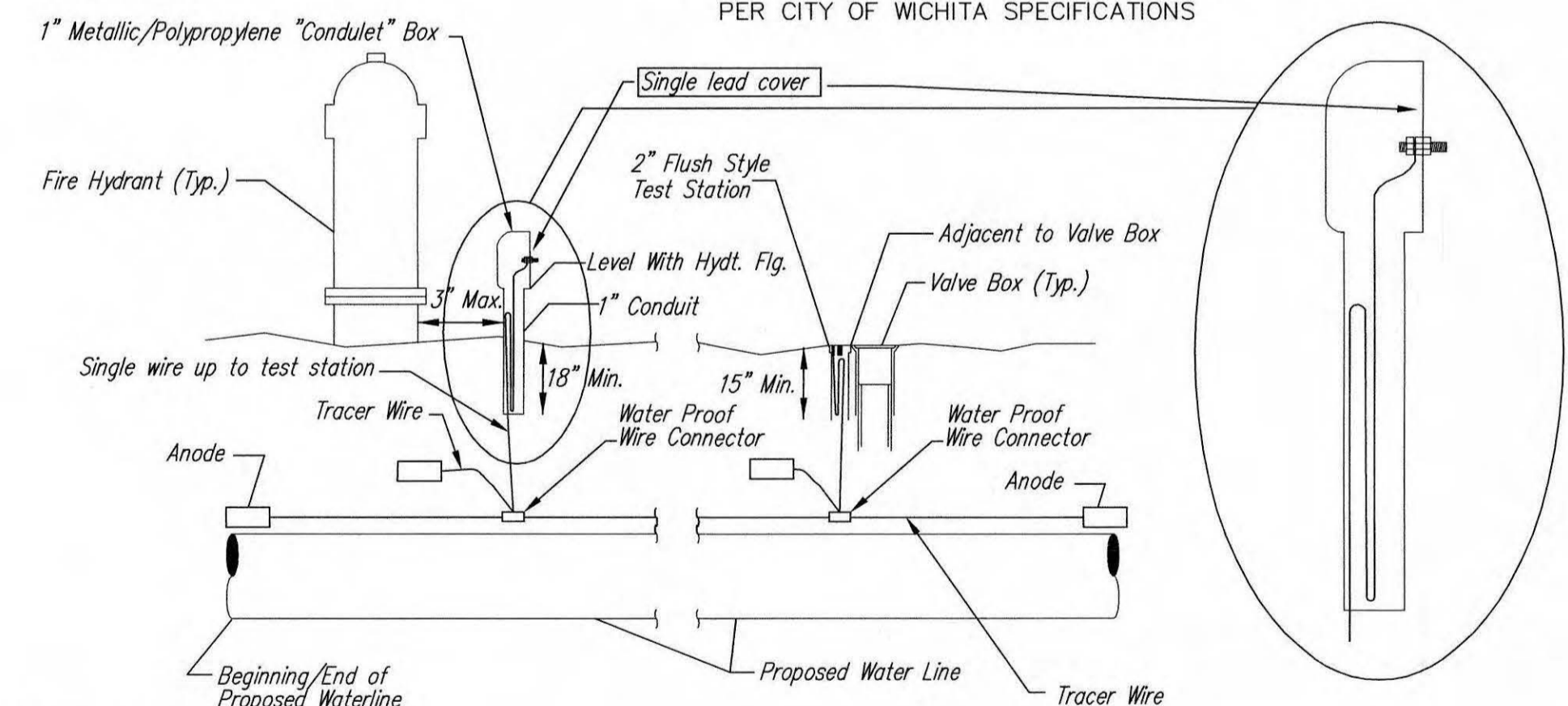
- MATERIALS LIST**
- 1- MJ ANCHOR TEE OR TANGENTIAL OUTLET ("D"x 6")
 - 1- 6" MJ GATE VALVE
 - 1- 6" VALVE BOX AND VALVE STEM EXTENSION IF REQUIRED *
 - 6" DI CL SJ PIPE (LENGTH VARIABLE)
 - 1- FIRE HYDRANT
 - 1- 6" ANCHOR COUPLING*
 - 2- 90° BENDS*
 - 6" DI CL PIPE WITH ADEQUATE JOINT RESTRAINT *
 -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

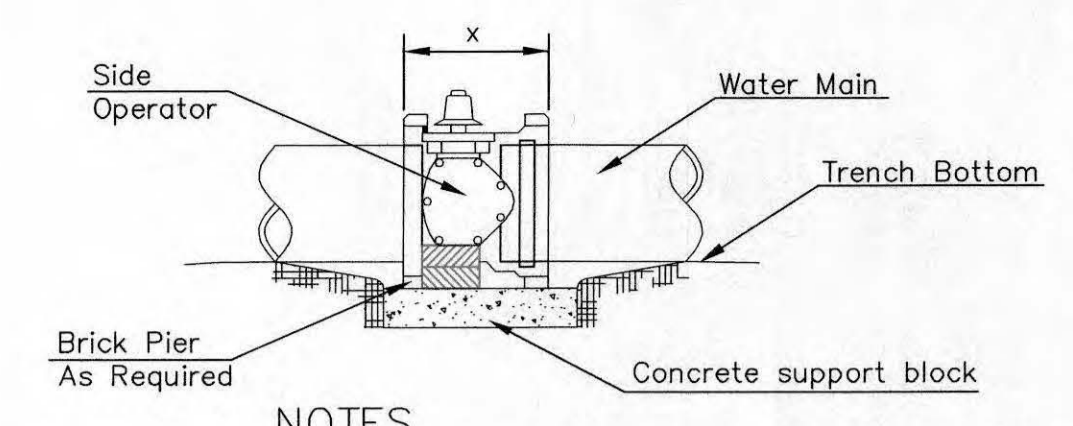
WIRE
The tracer wire shall be Blue No. 12 AWG CCS with 45 mil HDPE insulation. To allow for grade adjustment, a minimum of 12" of excess wire shall be coiled at the bottom of the test station for all wires. Wire connectors shall be installed per manufacturer recommendations. Contractor shall attach wire 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 # T2PH/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 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.

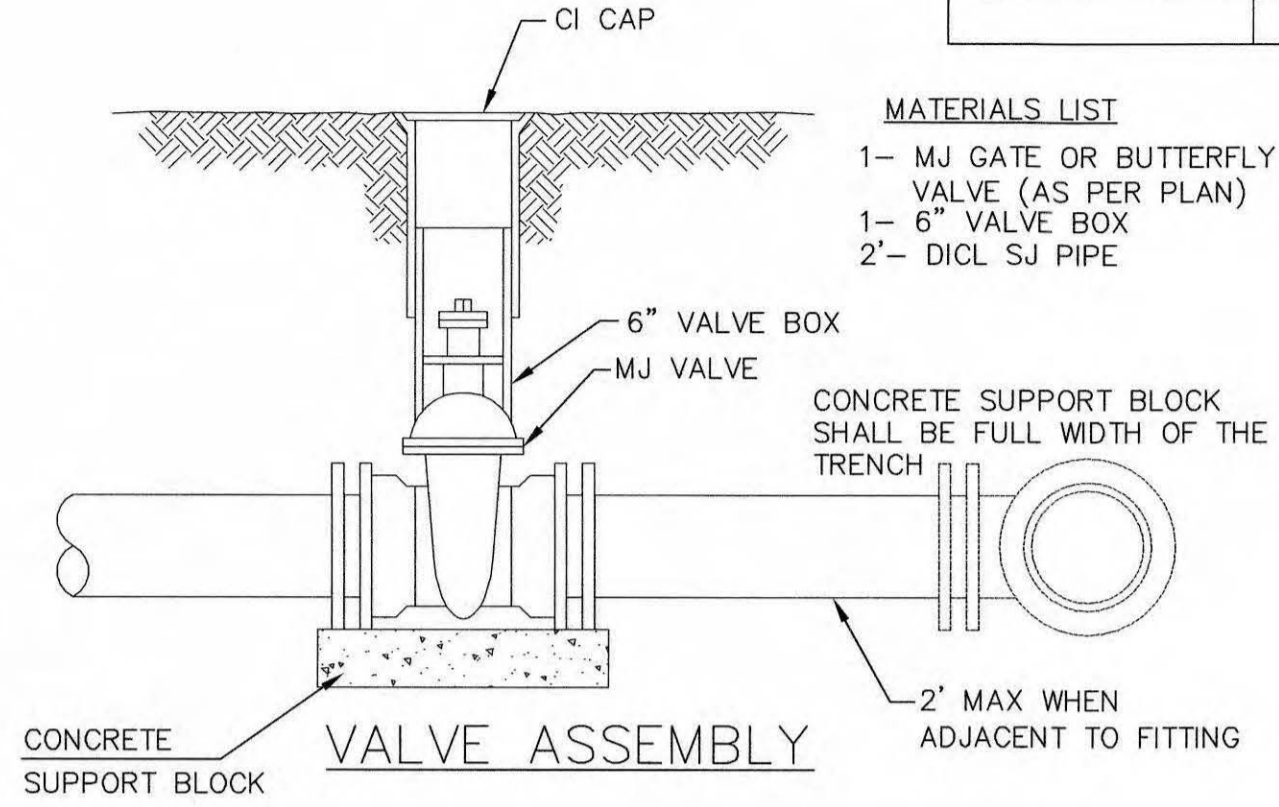
TRACER WIRE DETAIL
COST IS SUBSIDIARY TO PIPE INSTALLATION

FIRE HYDRANTS REQUIRED				
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
1+95.84 Line 1	1350.60	1346.64	5'	

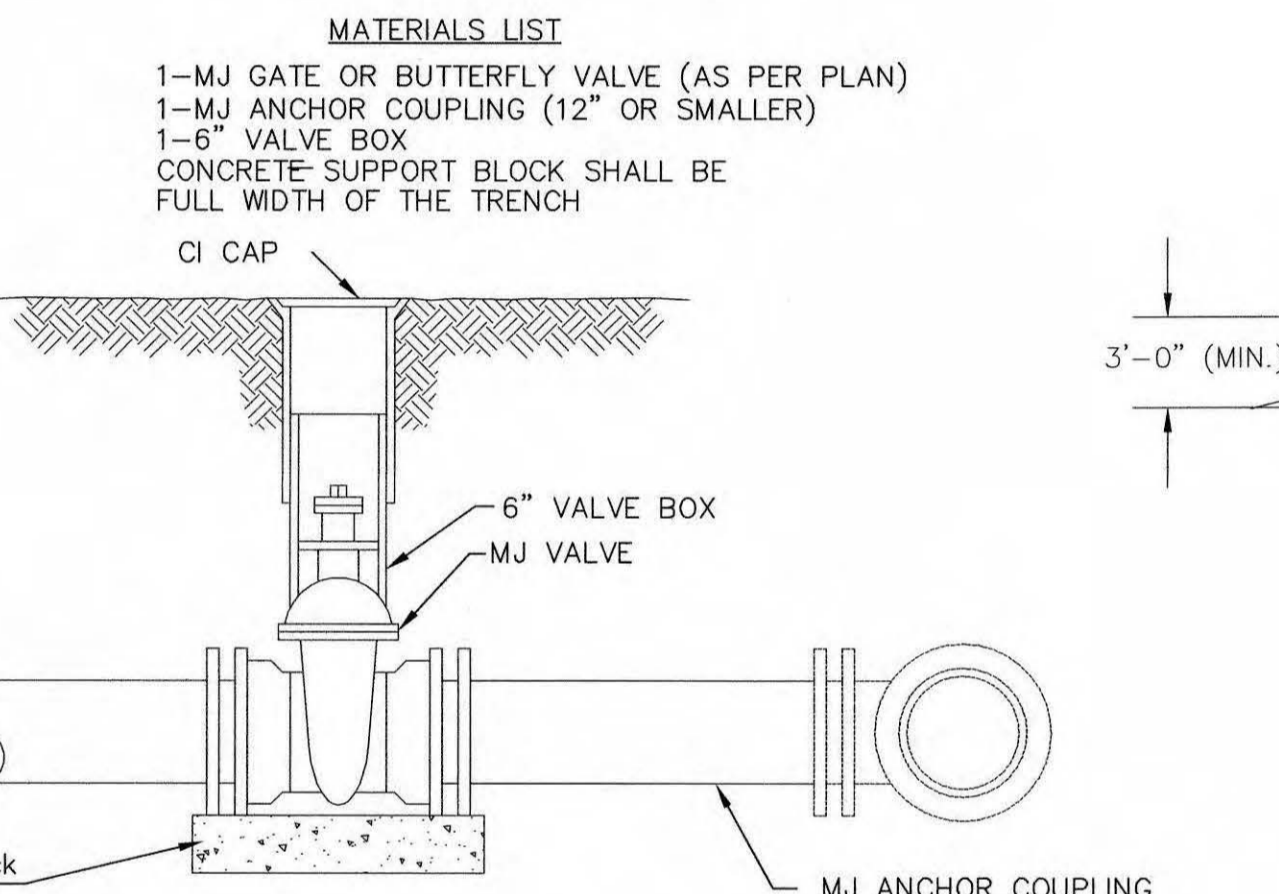


- NOTES**
- This detail covers Butterfly Valve installation, inclusive, regardless of type of pipe or joint used. 24" and larger lines to be detailed on plans.
 - 6" Valve Box and Cover required per City of Wichita Std. Specifications.
 - Conc. Support Block to be full width of trench.

CONCRETE SUPPORT BLOCKING FOR BUTTERFLY VALVE INSTALLATION

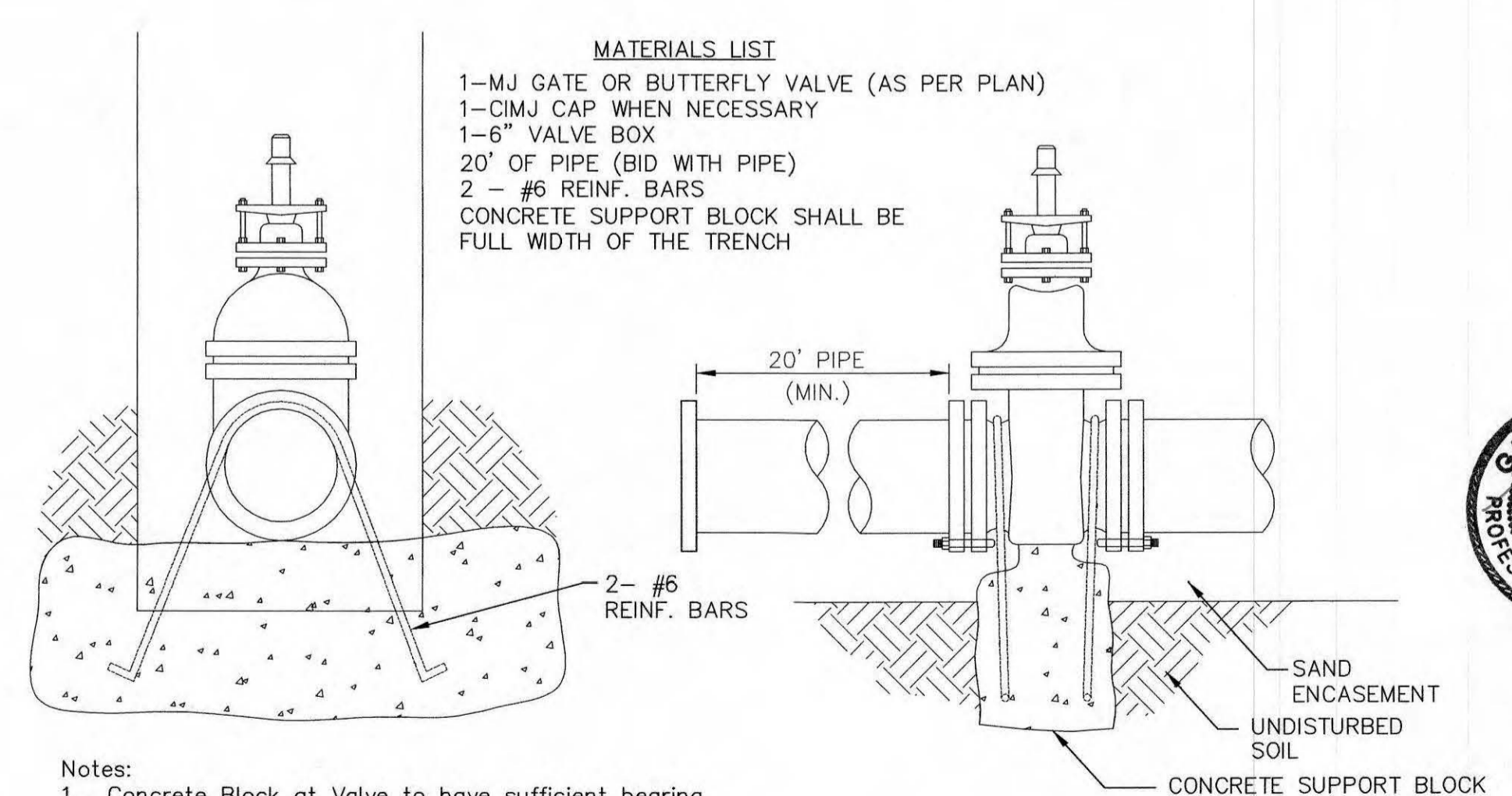


- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
 - 1- 6" VALVE BOX
 - 2'- DI CL SJ PIPE



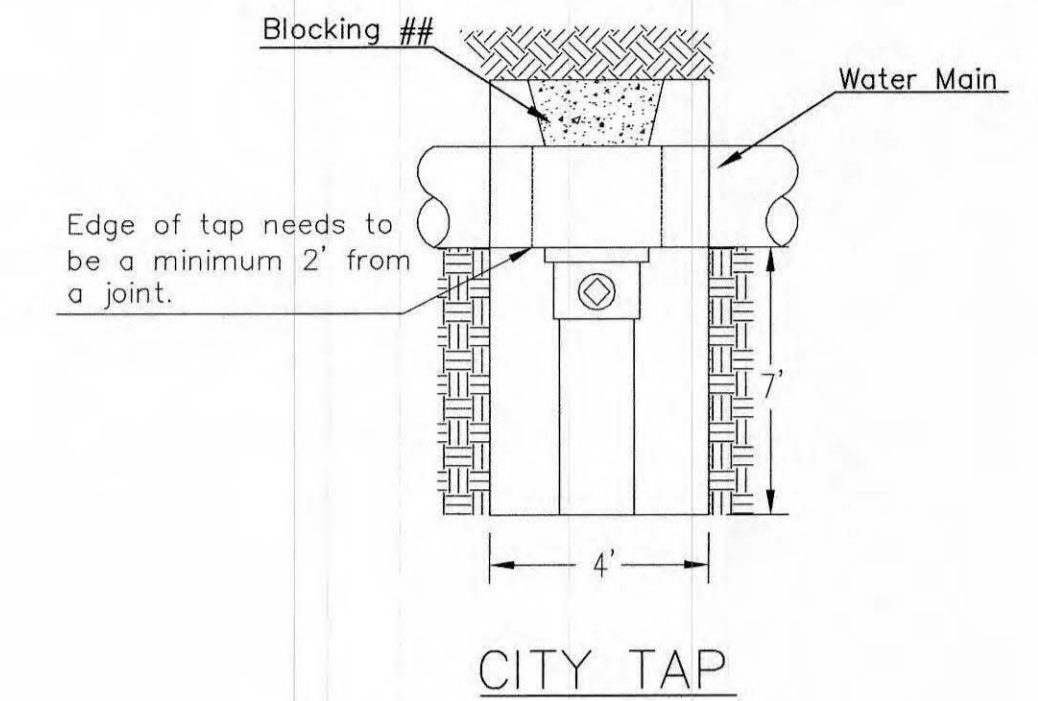
- MATERIALS LIST**
- 1-MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
 - 1-MJ ANCHOR COUPLING (12" OR SMALLER)
 - 1-6" VALVE BOX
 - CONCRETE SUPPORT BLOCK SHALL BE FULL WIDTH OF THE TRENCH

ANCHORED VALVE ASSEMBLY, SPECIAL



- 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.

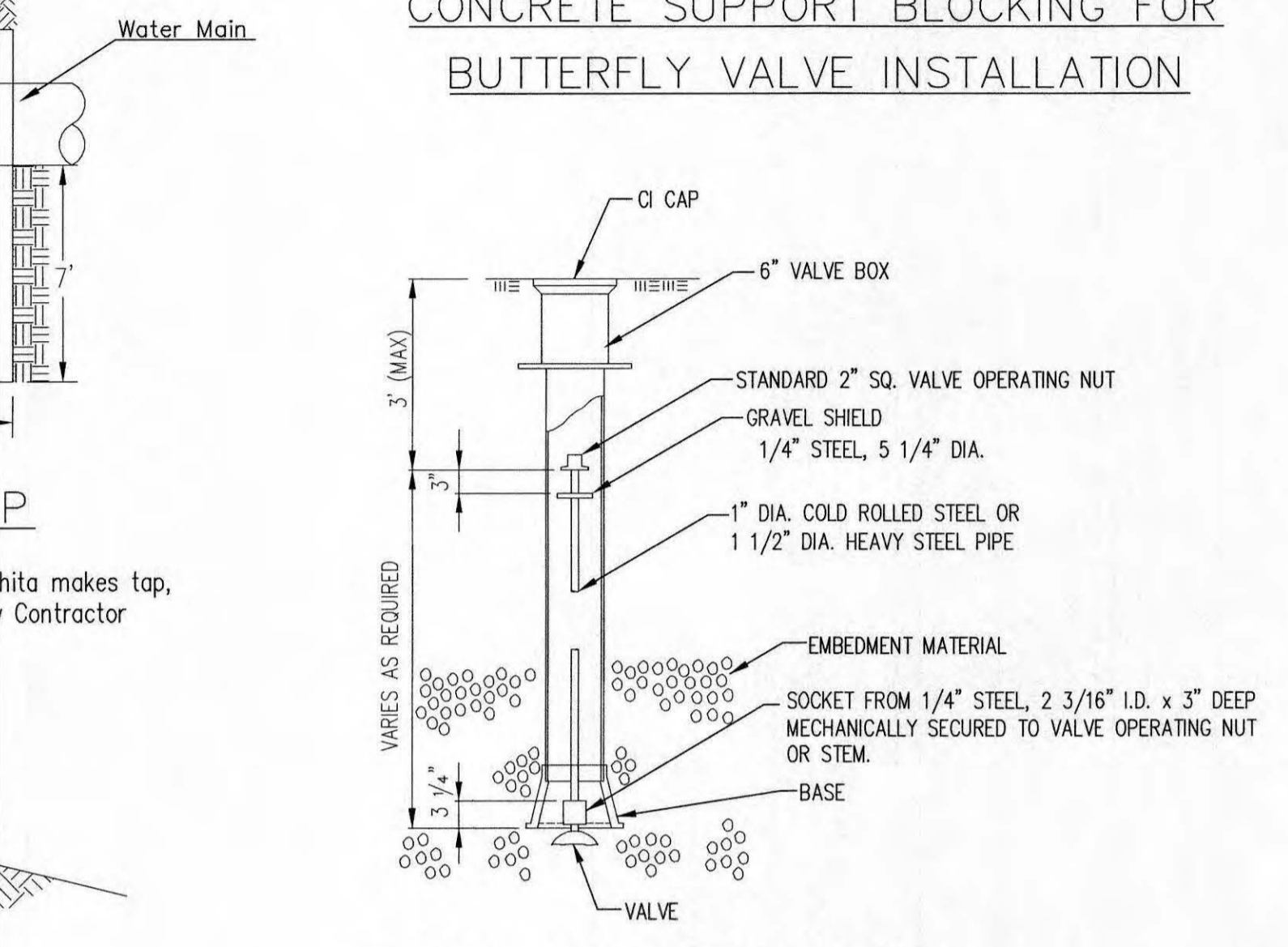
THRUST AT VALVES	
VALVE	THRUST AT 150 #/sq ft
4"	1809 lbs.
6"	4245 lbs.
8"	7540 lbs.
12"	16965 lbs.



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

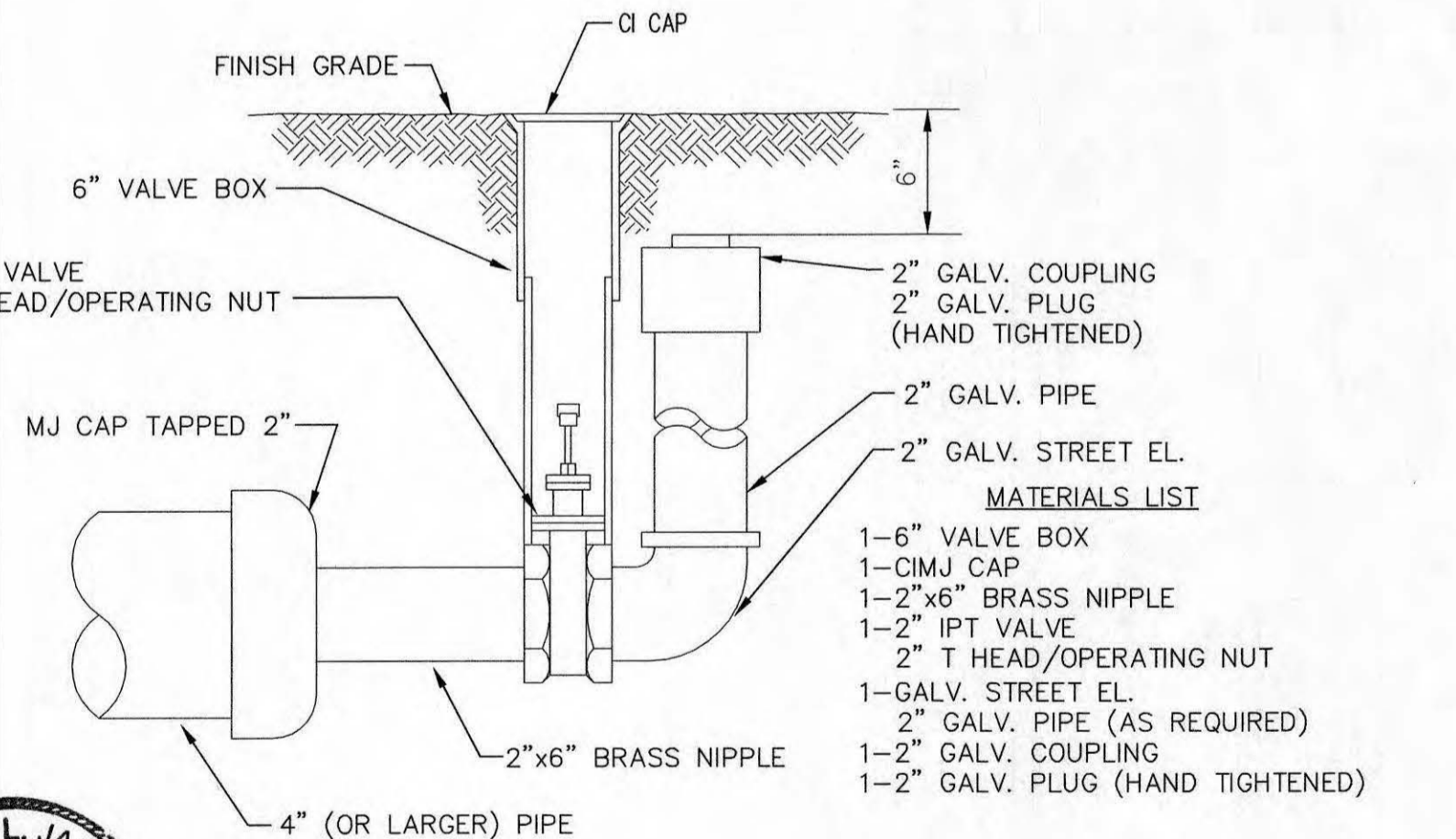
PROTECTIVE FILL DETAIL

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

REVISED: OCTOBER 2016

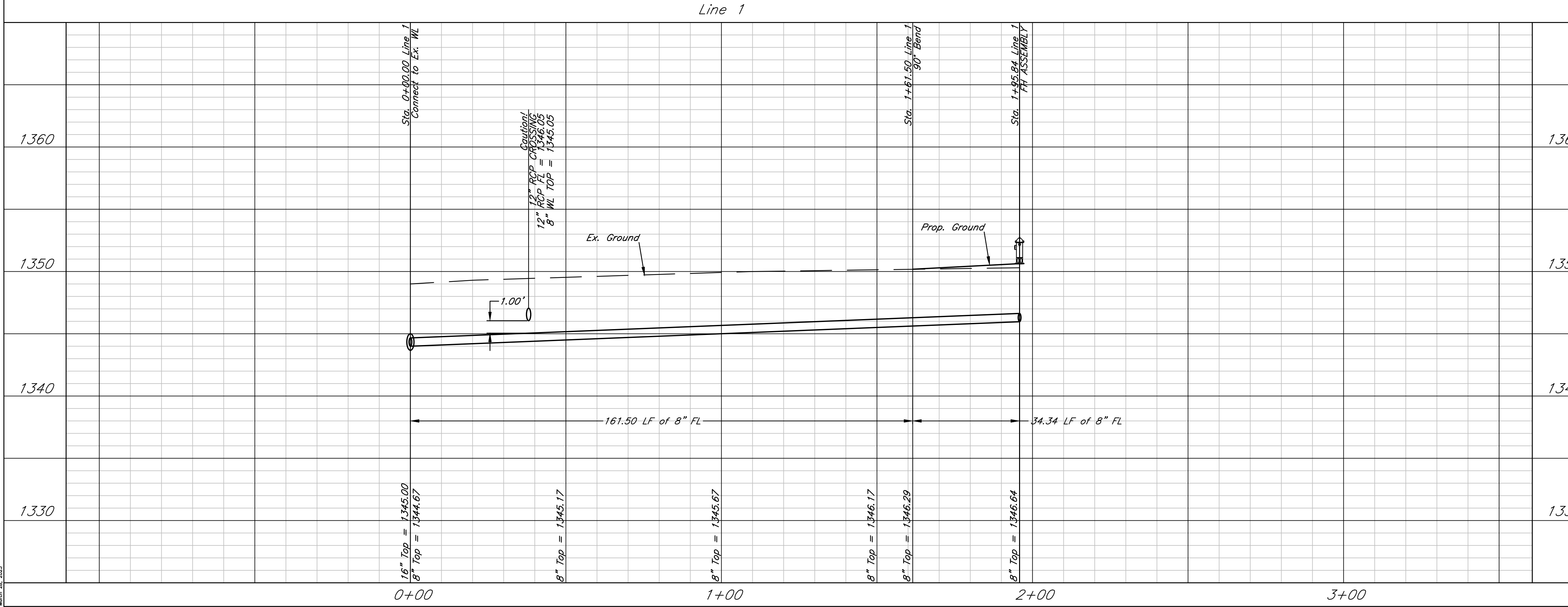
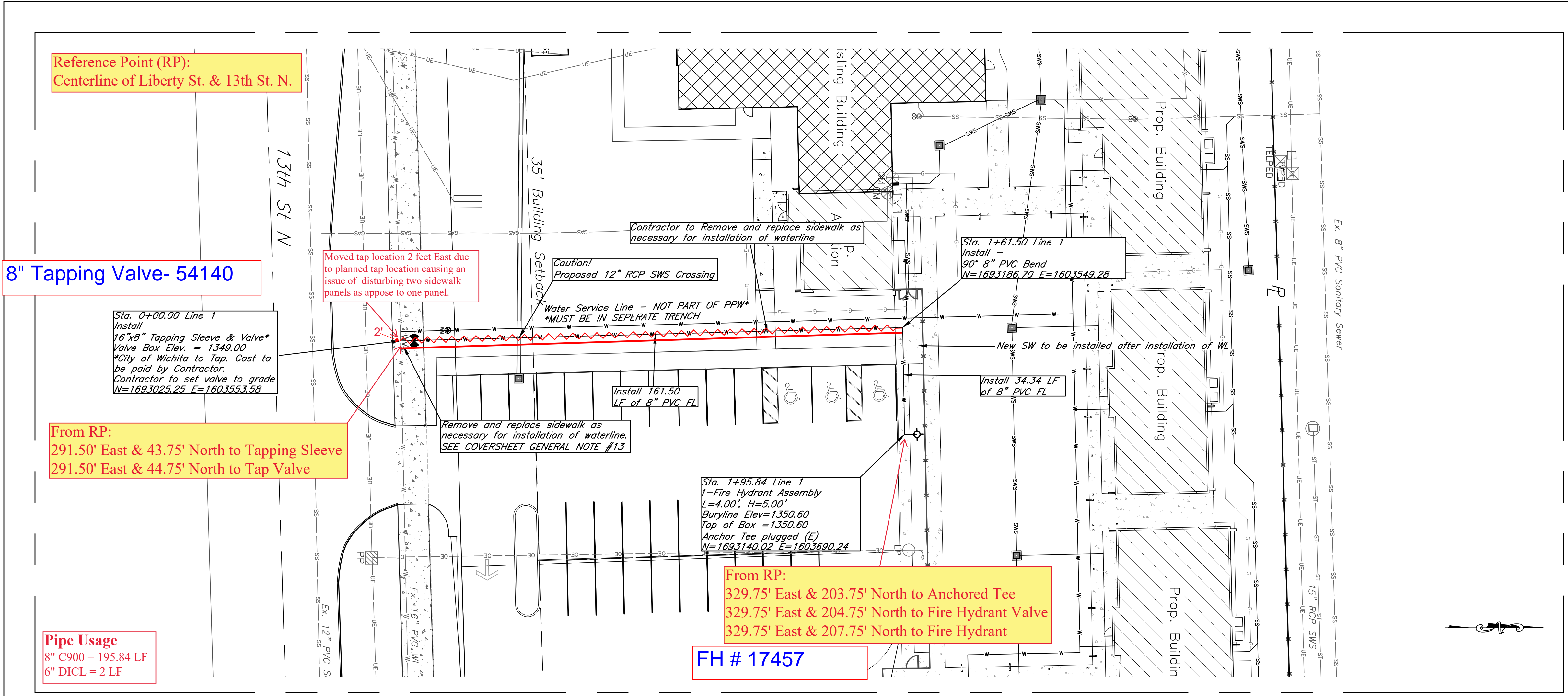
STANDARD WATER ASSEMBLY DETAIL

CITY ENGINEER
GARY JANZEN, P.E.

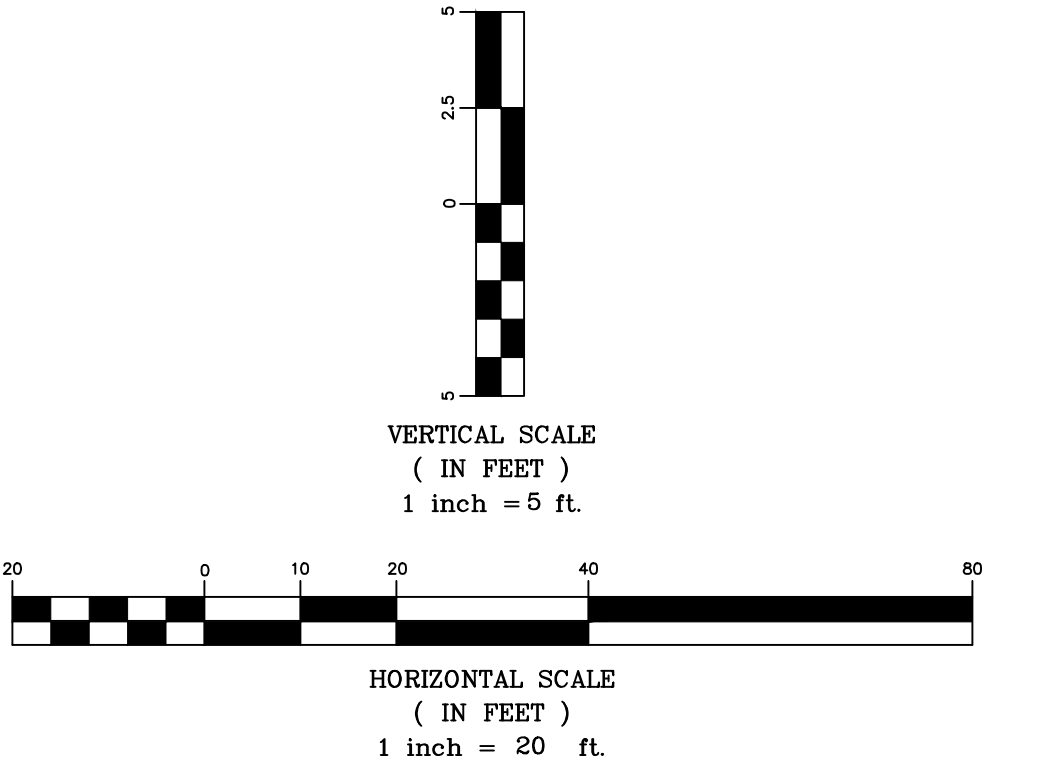
PROJECT NUMBER	OCA NUMBER	DATE
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CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET
2.1



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED DIGITALLY



Greengate School
WL Plan & Profile - Line 1
Wichita, Kansas

KEMILLER ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242	PROJECT NUMBER			
	KEM NO. 25012	FILE	DATE 03/2025	SHEET 3.0
DESIGN KM	DRAWN PG	REVISED		

March 28, 2025

WEST MEADOWS SEDGWICK COUNTY, KANSAS

(SW 1/4 SEC. 12, T27S, R2W)

STATE OF KANSAS)
SEDGWICK COUNTY) SS

KNOW ALL MEN BY THESE PRESENTS THAT GENERAL BAPTIST HOME MISSION BOARD, INC., OWNER OF THE LAND DESCRIBED IN THE SURVEYOR'S CERTIFICATE, HAS CAUSED THE SAME TO BE PLATTED INTO A LOT AND A STREET TO BE KNOWN AS "WEST MEADOWS", SEDGWICK COUNTY, KANSAS. EASEMENTS AS SHOWN ON THE PLAT ARE HEREBY GRANTED FOR THE CONSTRUCTION AND MAINTENANCE OF ALL PUBLIC UTILITIES. THE STREET IS HEREBY DEDICATED TO AND FOR THE USE OF THE PUBLIC. COMPLETE ACCESS CONTROL TO THIRTEENTH STREET OVER AND ACROSS THE SOUTH LINE OF LOT 1 IS HEREBY GRANTED TO THE APPROPRIATE GOVERNING BODY, PROVIDED, HOWEVER, THAT LOT 1 SHALL HAVE ACCESS AT 2 (TWO) LOCATIONS AS SHALL BE DETERMINED BY THE APPROPRIATE ENGINEER.

WE TERRA TECH LAND SURVEYING, INC., A CORPORATION REGISTERED AND AUTHORIZED TO PRACTICE LAND SURVEYING IN THE AFORESAID COUNTY AND STATE, HEREBY CERTIFY THAT WE HAVE SURVEYED AND PLATTED "WEST MEADOWS", SEDGWICK COUNTY, KANSAS, AND THE ACCOMPANYING PLAT IS A TRUE AND CORRECT EXHIBIT OF SUCH SURVEY DESCRIBED AS FOLLOWS:

A TRACT IN THE SOUTHWEST QUARTER OF SECTION 12, TOWNSHIP 27 SOUTH, RANGE 2 WEST OF THE SIXTH PRINCIPAL MERIDIAN, SEDGWICK COUNTY, KANSAS, DESCRIBED AS BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SOUTHWEST QUARTER, SAID POINT BEING 1340 FEET EAST OF THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE NORTH PARALLEL WITH THE WEST LINE OF SAID SOUTHWEST QUARTER, 60 RODS; THENCE EAST PARALLEL WITH THE SOUTH LINE OF SAID SOUTHWEST QUARTER, 435 FEET; THENCE SOUTH PARALLEL WITH THE WEST LINE OF SAID SOUTHWEST QUARTER, 60 RODS TO THE SOUTH LINE OF SAID SOUTHWEST QUARTER; THENCE WEST 435 FEET TO THE POINT OF BEGINNING.

GENERAL BAPTIST HOME MISSION BOARD, INC.

Rev. Arvil E. Edmonds
REV. ARVIL E. EDMONDS

TERRA TECH LAND SURVEYING, INC.

DATE 30 August, 1985

T. L. Daniel
T. L. DANIEL LS#489



THIS PLAT APPROVED AND ALL DEDICATIONS SHOWN HEREON ACCEPTED BY THE BOARD OF CITY COMMISSIONERS OF THE CITY OF WICHITA, KANSAS, THIS 17th DAY OF SEPT., 1985.

Robert C. Brown
ROBERT C. BROWN, MAYOR

Donald C. Gisk
DONALD C. GISCK, CITY CLERK

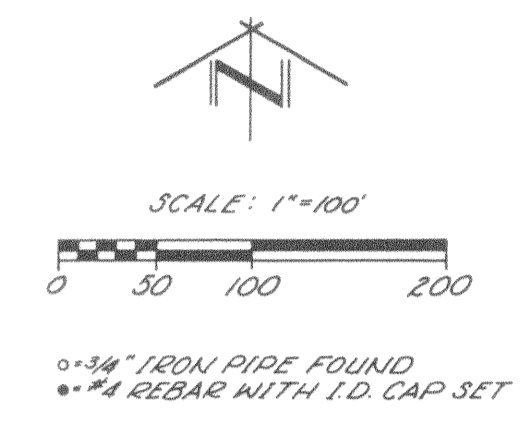
THIS PLAT APPROVED AND ALL DEDICATIONS SHOWN HEREON ACCEPTED BY THE BOARD OF COUNTY COMMISSIONERS OF SEDGWICK COUNTY, KANSAS, THIS 23 DAY OF Oct., 1985.

Donald E. Gragg
DONALD E. GRAGG, CHAIRMAN

Bernard A. Hentzen
BERNARD A. HENTZEN, COMMISSIONER

Tom Scott
TOM SCOTT, COMMISSIONER

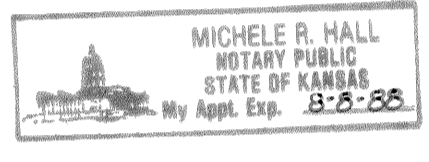
ATTEST: *Don Wright*
DON WRIGHT, COUNTY CLERK



STATE OF KANSAS)
SEDGWICK COUNTY) SS

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 5th DAY OF September, 1985, BY REV. ARVIL E. EDMONDS, REPRESENTATIVE FOR GENERAL BAPTIST HOME MISSION BOARD, INC.

Michelle B. Hall, NOTARY PUBLIC
MY APPOINTMENT EXPIRES: 8 August, 1988



THIS PLAT OF "WEST MEADOWS", SEDGWICK COUNTY, KANSAS HAS BEEN SUBMITTED TO AND APPROVED BY THE WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, WICHITA, KANSAS, THIS 5th DAY OF SEPTEMBER, 1985.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

David Bayouth
DAVID BAYOUTH, VICE-CHAIRMAN

Michael E. Lindebak
MICHAEL E. LINDEBAK, SECRETARY

ENTERED ON TRANSFER RECORD THIS 24 DAY OF Oct., 1985.

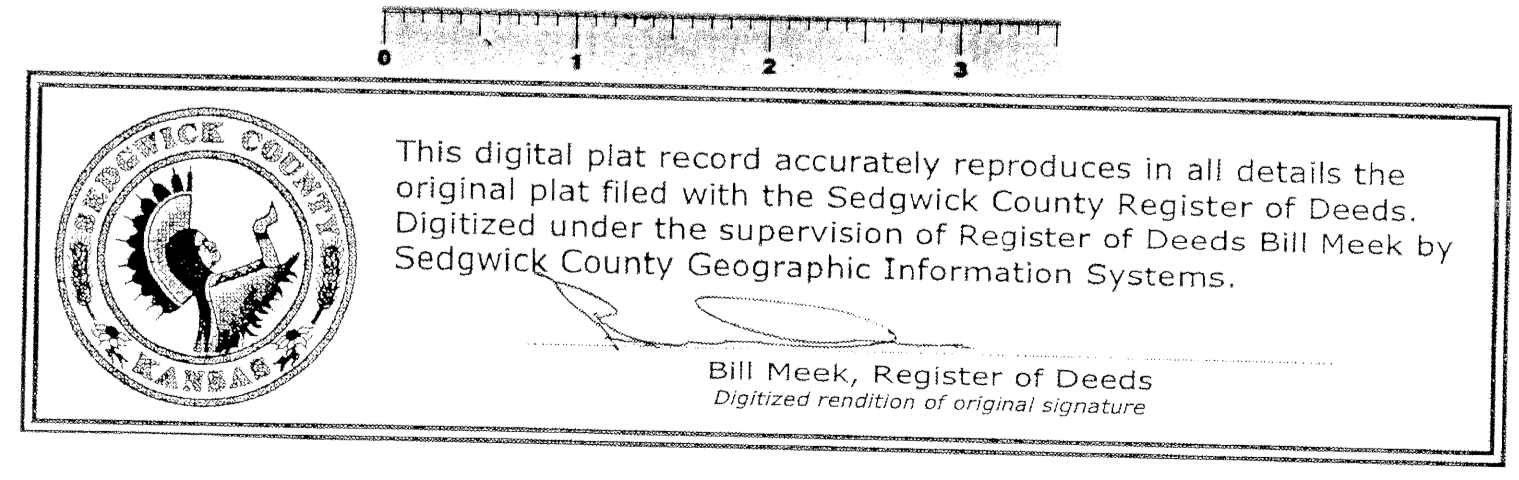
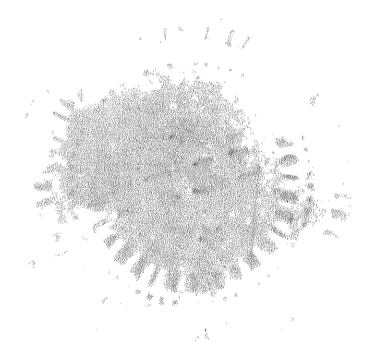
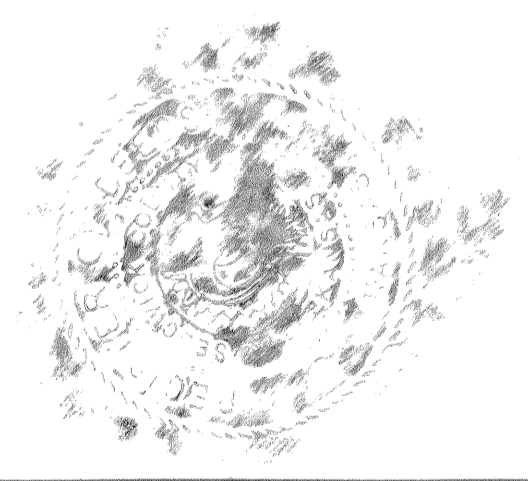
Don Wright
DON WRIGHT, COUNTY CLERK

STATE OF KANSAS)
SEDGWICK COUNTY) SS

THIS IS TO CERTIFY THAT THIS INSTRUMENT WAS FILED FOR RECORD IN THE REGISTER OF DEEDS OFFICE AT 9 O'CLOCK A.M. ON THE 25th DAY OF October, 1985.

Pat Kettler
PAT KETTLER, REGISTER OF DEEDS

Ed Resa
ED RESA, DEPUTY



FOR REFERENCE ONLY