

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City of Wichita Standards, Specifications, and Special Provisions.

2. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call (316)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 1-316-268-4555
 City of Wichita Sewer 1-316-268-4073
 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

3. 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 locations, 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.

4. 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 would 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 would require additional archeological investigations unless buried in a previously approved borrow location.

5. 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 Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

6. 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.

7. 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 licensed land surveyor in accordance with state laws.

8. The Water Distribution 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.

9. The Contractor shall notify the consultant engineer and Tom Mason at 316-268-4574 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.

10. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coan 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.

11. All elevations shown are U.S.G.S. Datum (NGVD 88).

12. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

13. Opening and closing 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.

14. 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.

15. 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.

16. Request 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.

17. The Contractor must schedule the connection 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.

18. 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 CI MJ Long Sleeve or Multiple Joints.

19. Any extension greater than one length of pipe shall require testing.

20. Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.

21. City maintenance of water mains ends at right-of-way or easement line.

22. Valves 12 inch and larger are to be operated by the City Water Distribution Division, 48 hours of advance notice is required.

23. All wet taps shall be installed by the City of Wichita. The Contractor will reimburse the City for tapping fees.

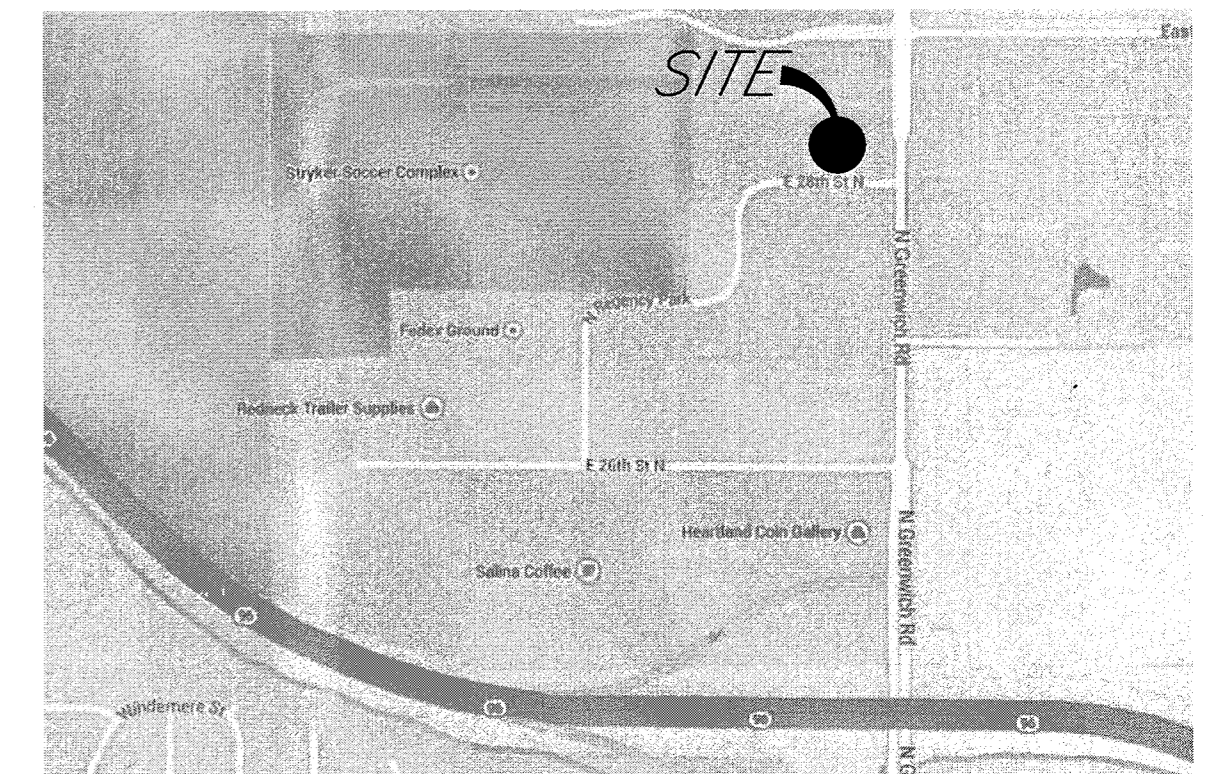
24. The Contractor shall protect from damage and support existing utilities through constructions as approved by the utility owner and the Engineer at the contractors expense.

25. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

26. 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.

WATER DISTRIBUTION SYSTEM to serve Lot 3, Block 1, Regency Park Addition CITY OF WICHITA, KANSAS Gary Janzen, P.E., City Engineer 1869 PPW (607853)

American Darling Fire Hydrant Assembly
American Flow Control Valve
Star Fittings



LOCATION MAP
(For Visual Use Only)

Index of Sheets:

- 1.0 Cover Sheet
- 2.0 Plan and Profile
- 2.1 Standard Water Assembly Detail
- 2.2 Miscellaneous Water Detail
- 3.0-3.4 Erosion Control BMP Details (attached or available on the City's website)
- 4.0 Plat

Benchmark:

Benchmark Disc in curb on N side of 28th St. N., 11.6' West of East Property Line.

Elev. = 1384.34 (NAVD88)

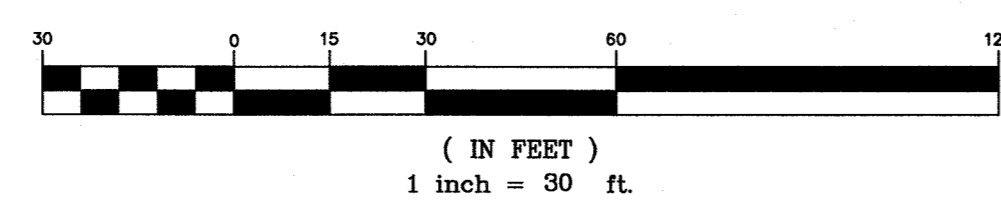
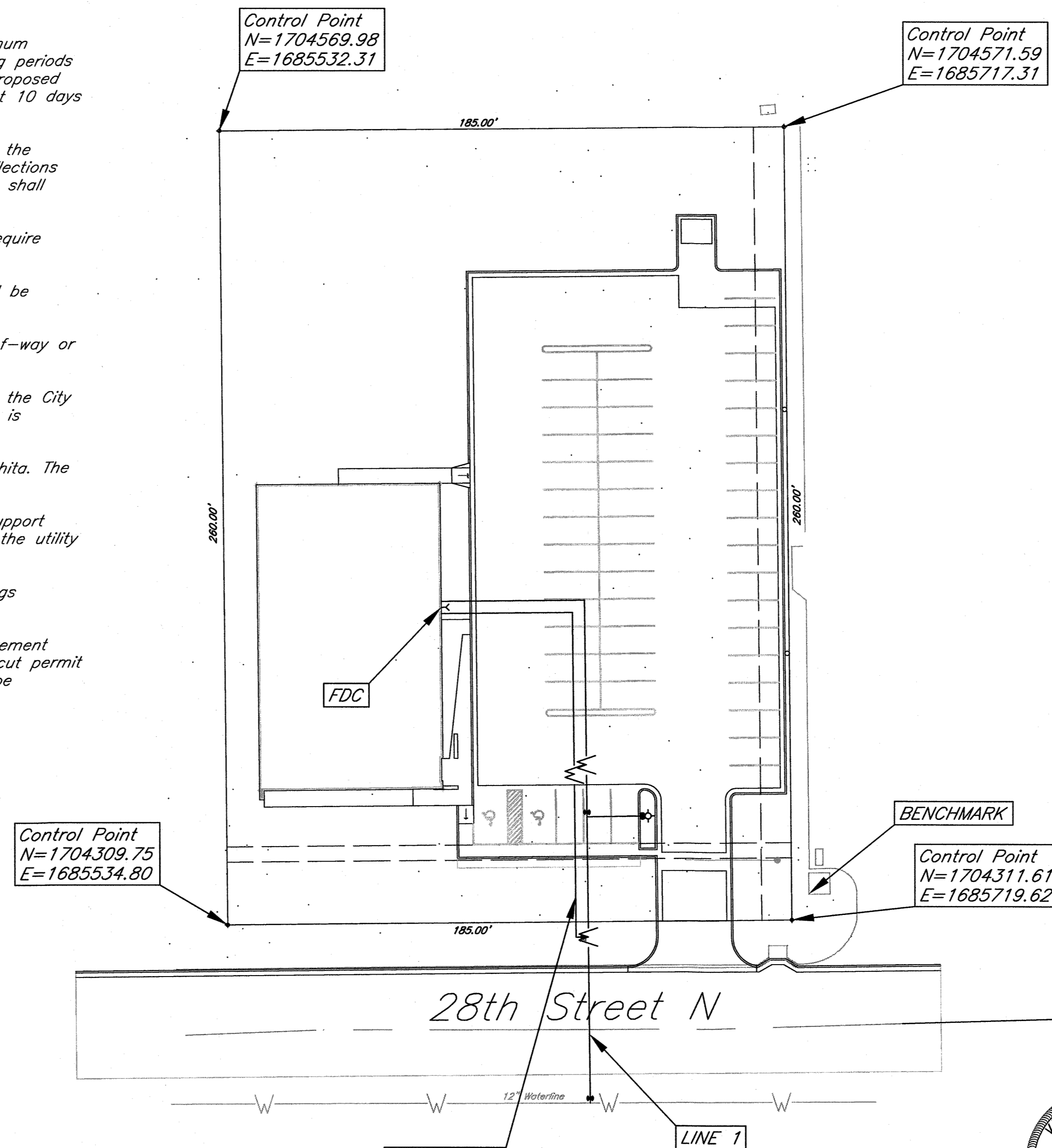
APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA,
BY WICHITA WATER & SEWER DEPARTMENT,
& BY WICHITA FIRE DEPARTMENT

Public Works *Rebecca Huil 1/20/2015*
 Water & Sewer *Steve Jolley 1-22-15*
 Fire *Steve Jolley 1-22-15*

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 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 the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

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.

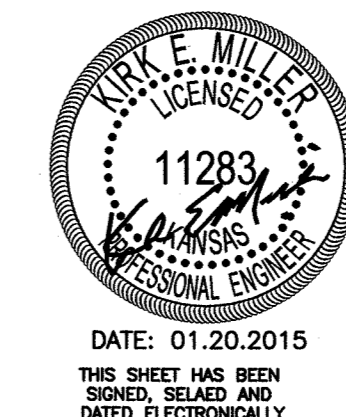


January 2015

AS BUILTS

Contractor:
Utilities Plus
04/27/2015

Project Inspector:
Tom Jones
KEMILLER
ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242



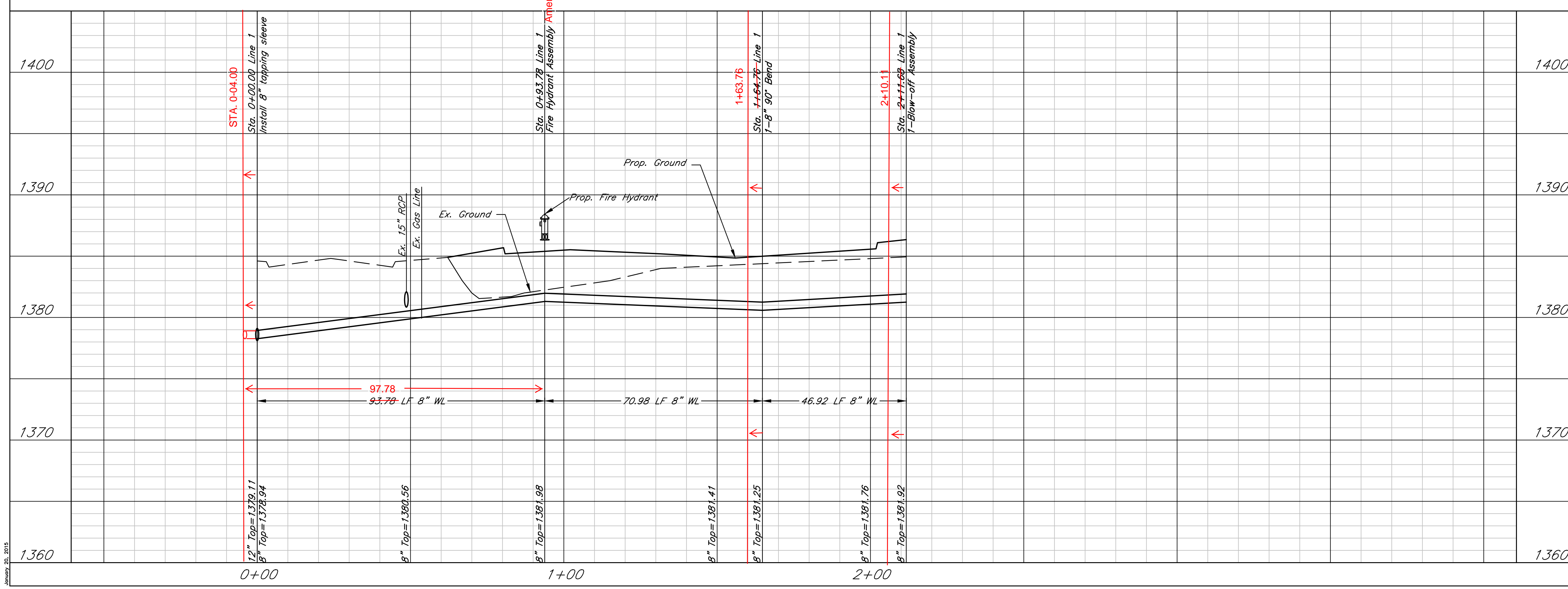
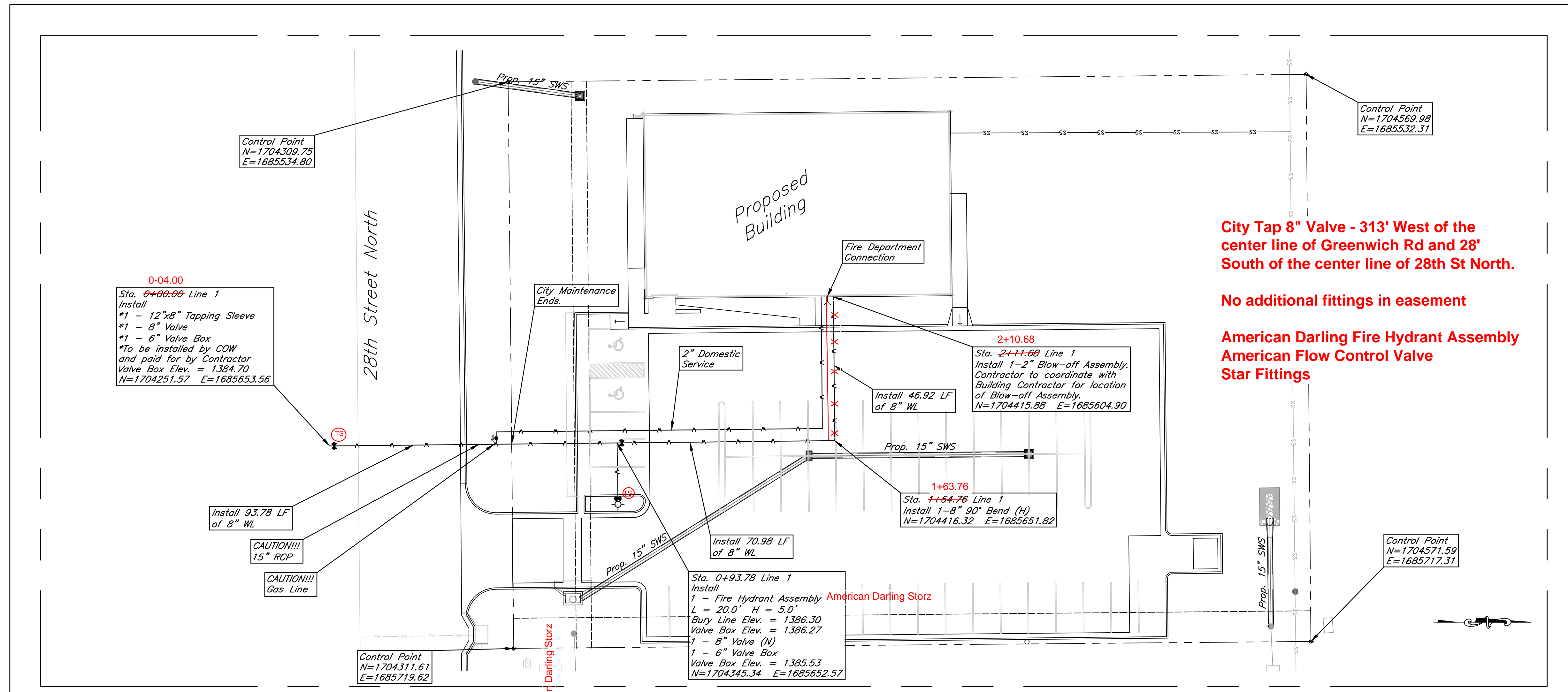
DATE: 01.20.2015
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

KEMILLER

ENGINEERING PA

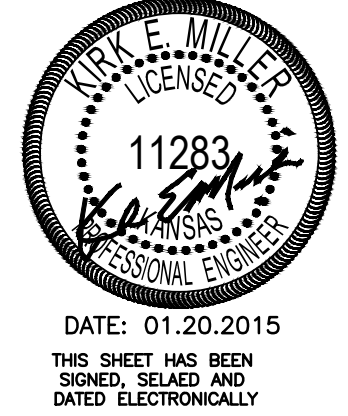
117 E. Lewis, Wichita, KS 67202 (316)264-0242

Greenwich Road

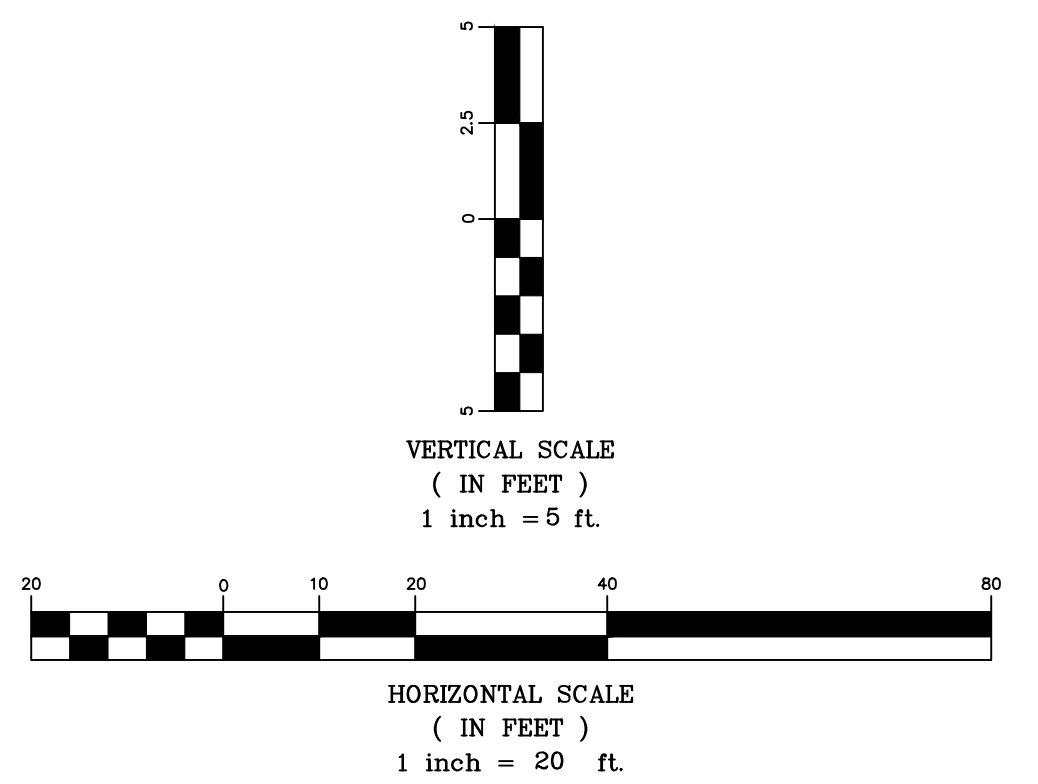


AS BUILTS

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

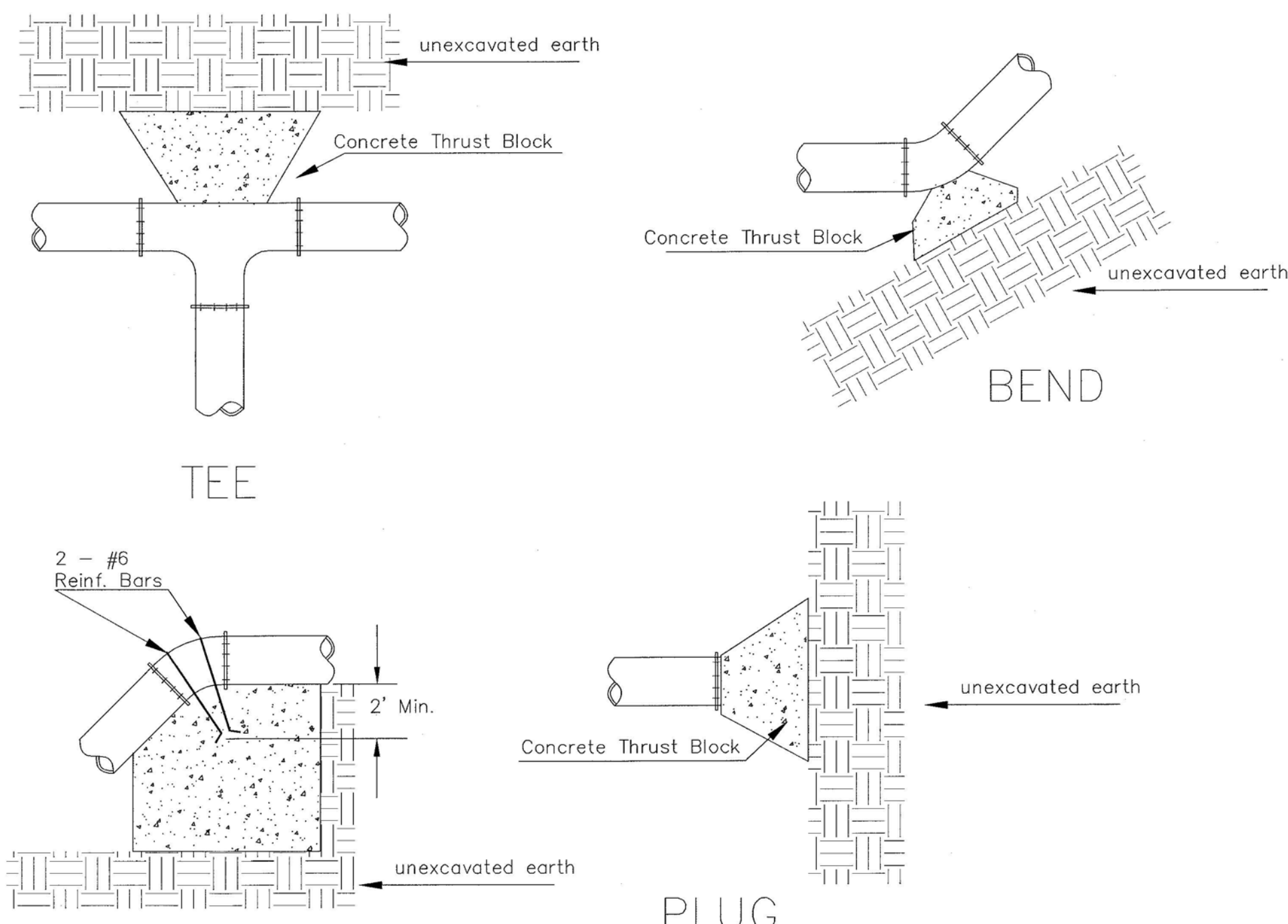


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Bliss Bouldering
Plan and Profile
Wichita, Kansas

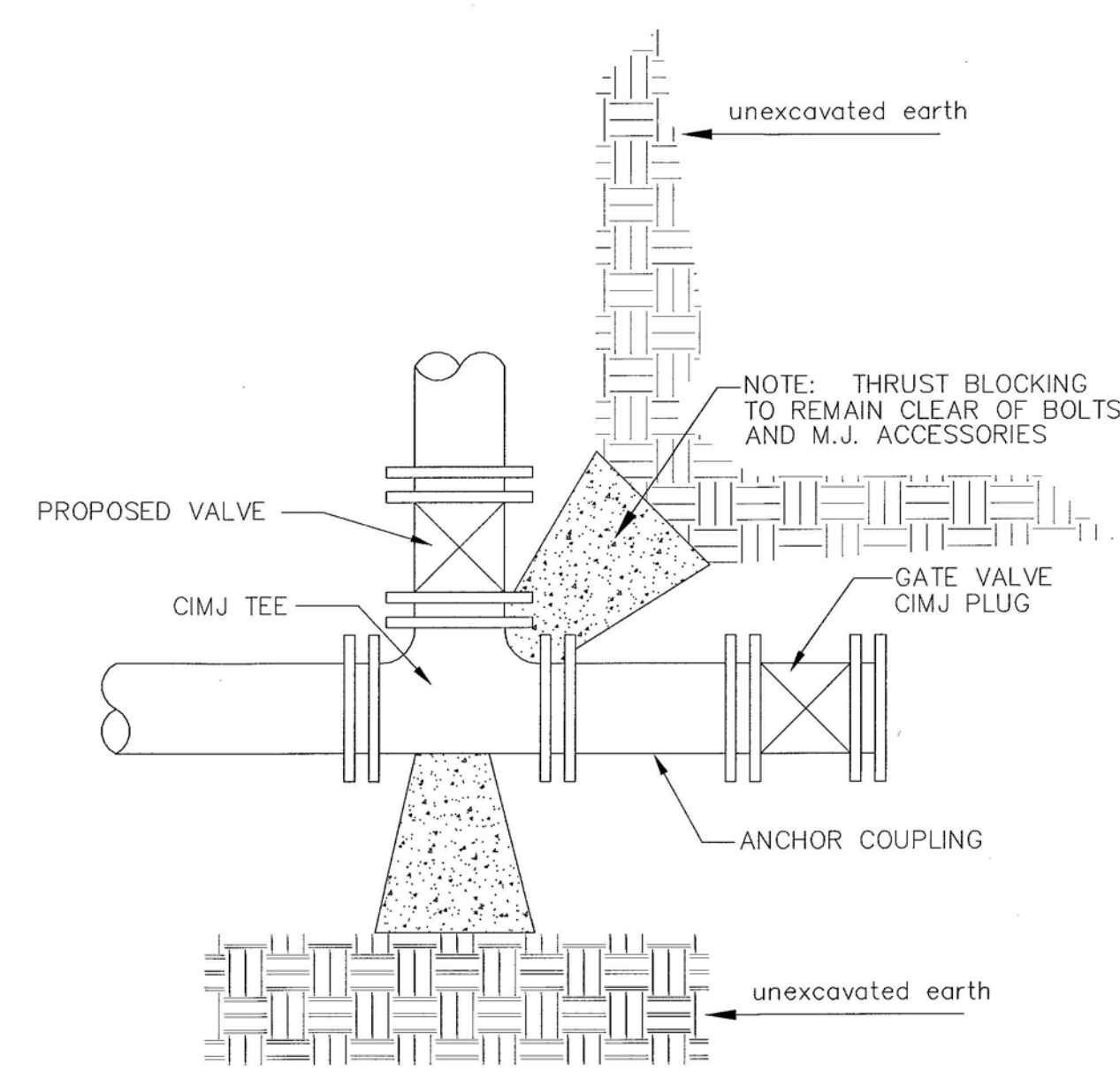
KEMILLER ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242	PROJECT NUMBER 1869 PPW (607853)			SHEET 2.0
	KEM NO. 14130	FILE	DATE 12/2014	
DESIGN KM	DRAWN MP	REVISED		



VERTICAL BEND

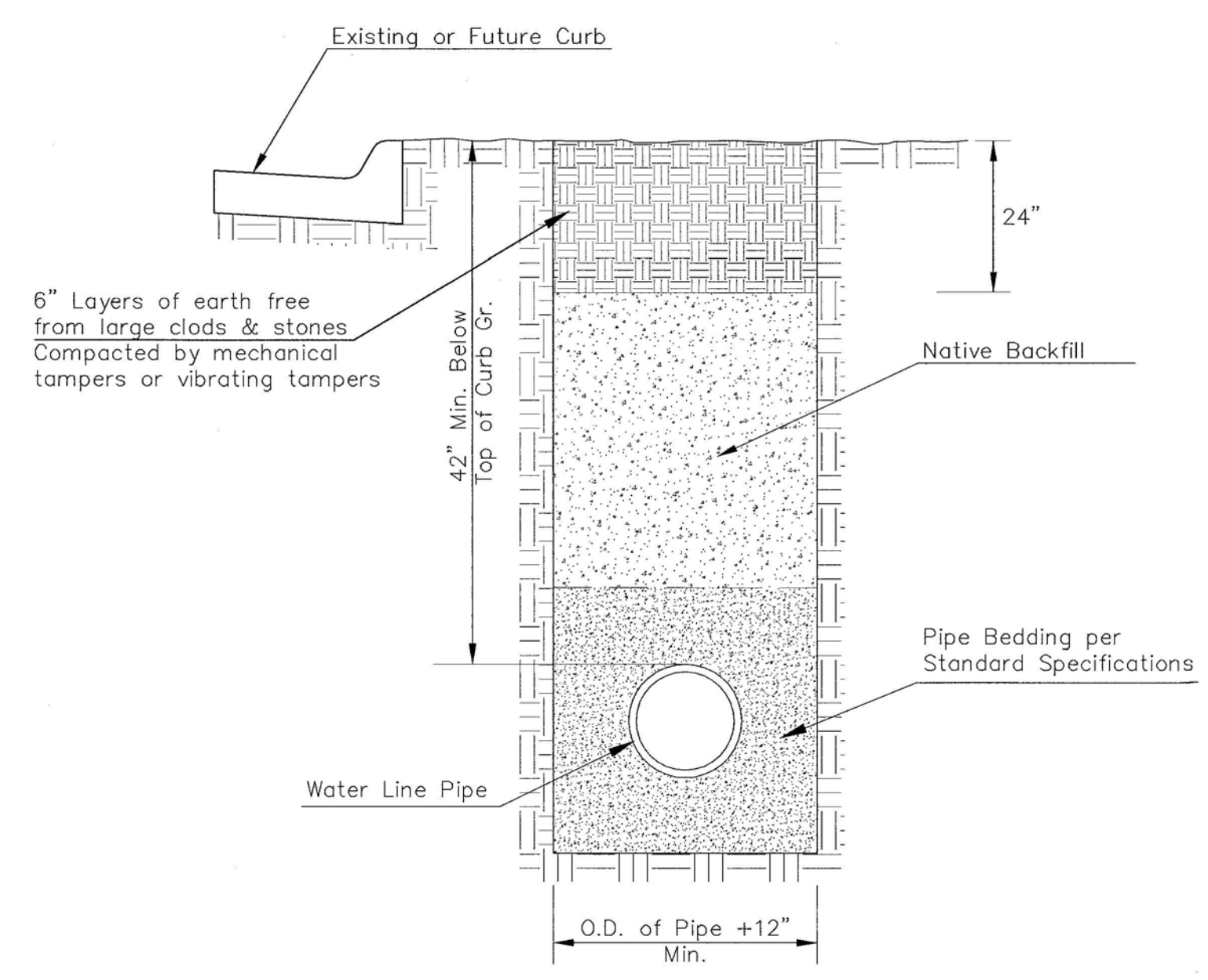
PIPE SIZE	THRUST AT FITTINGS IN TONS--AT 150#/IN ² P					
	PLUG	90°	45°	22 1/2°	11 1/4°	TEE
6"	2.8	3.95	2.15	1.09	.55	2.8
8"	4.9	6.95	3.75	1.90	.96	4.9
12"	11.4	16.1	8.75	4.45	2.25	11.4
16"	20.15	28.5	15.4	7.85	3.95	20.15
20"	31.15	44.0	23.85	12.15	6.10	31.15
24"	44.55	63.0	34.1	17.4	8.75	44.55

TYPICAL THRUST BLOCKS

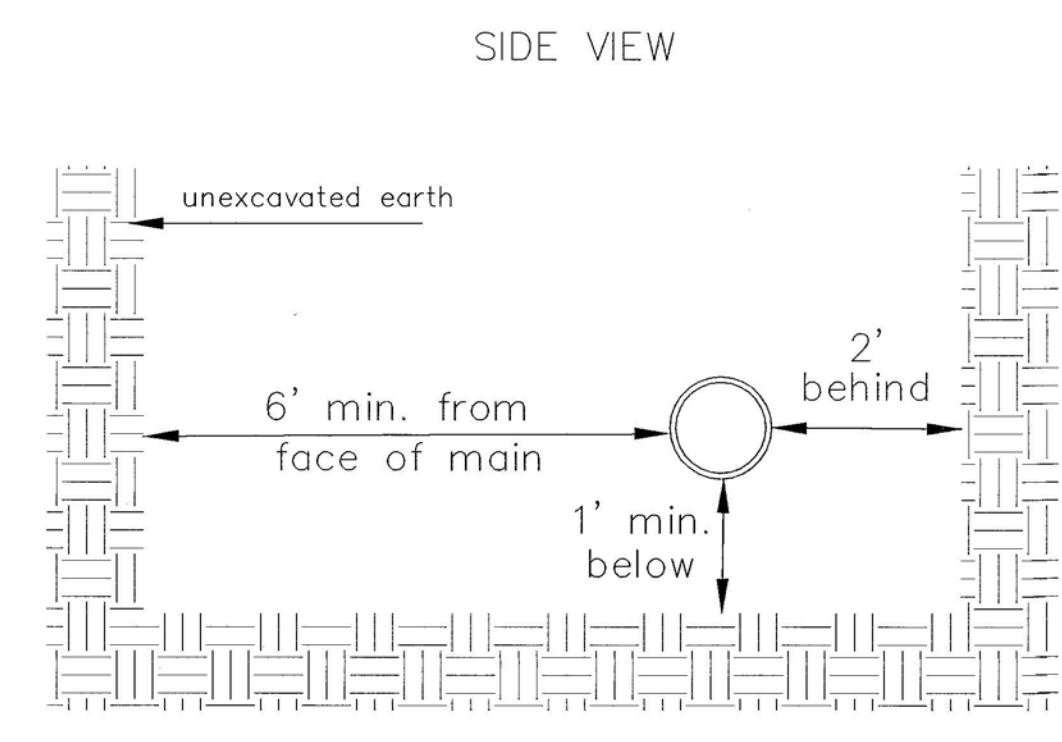


KEY BLOCK DETAIL

* PLANS GOVERN UNLESS OTHERWISE NOTED ON PLANS

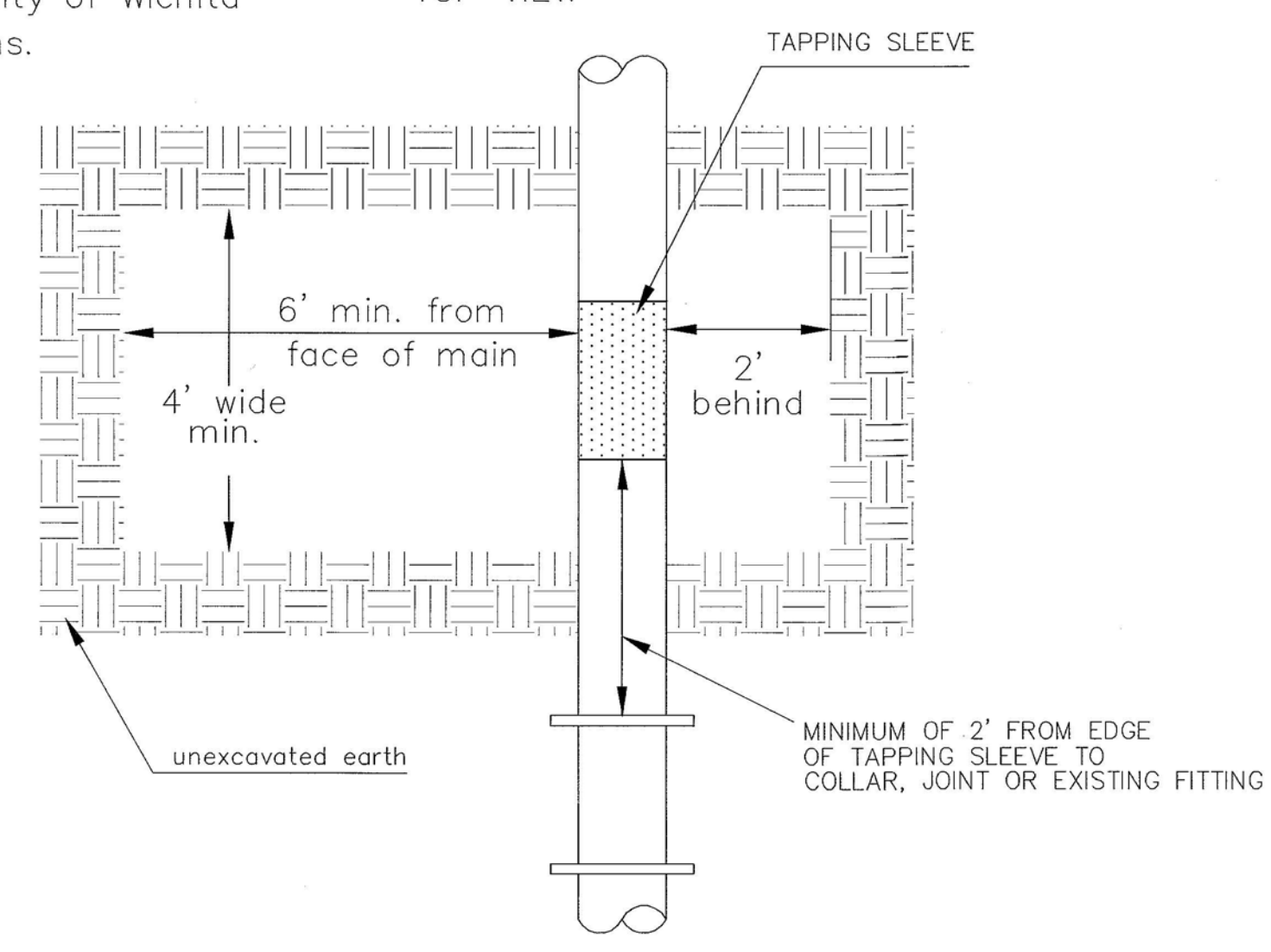


TRENCH COMPACTION IN ROAD RIGHT-OF-WAY

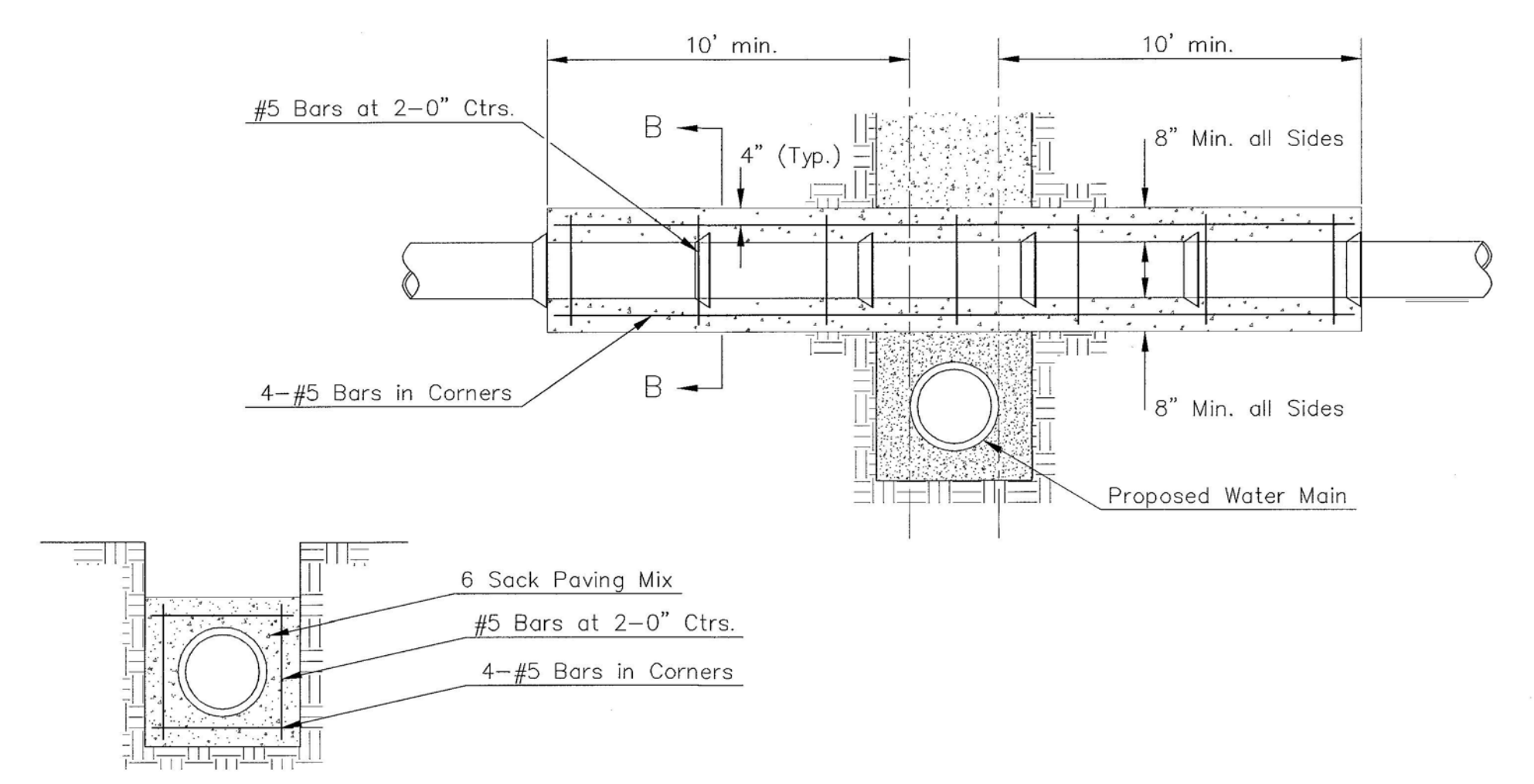


TOP VIEW

Note: When shoring is required it is to be per The City of Wichita Standard Specifications.



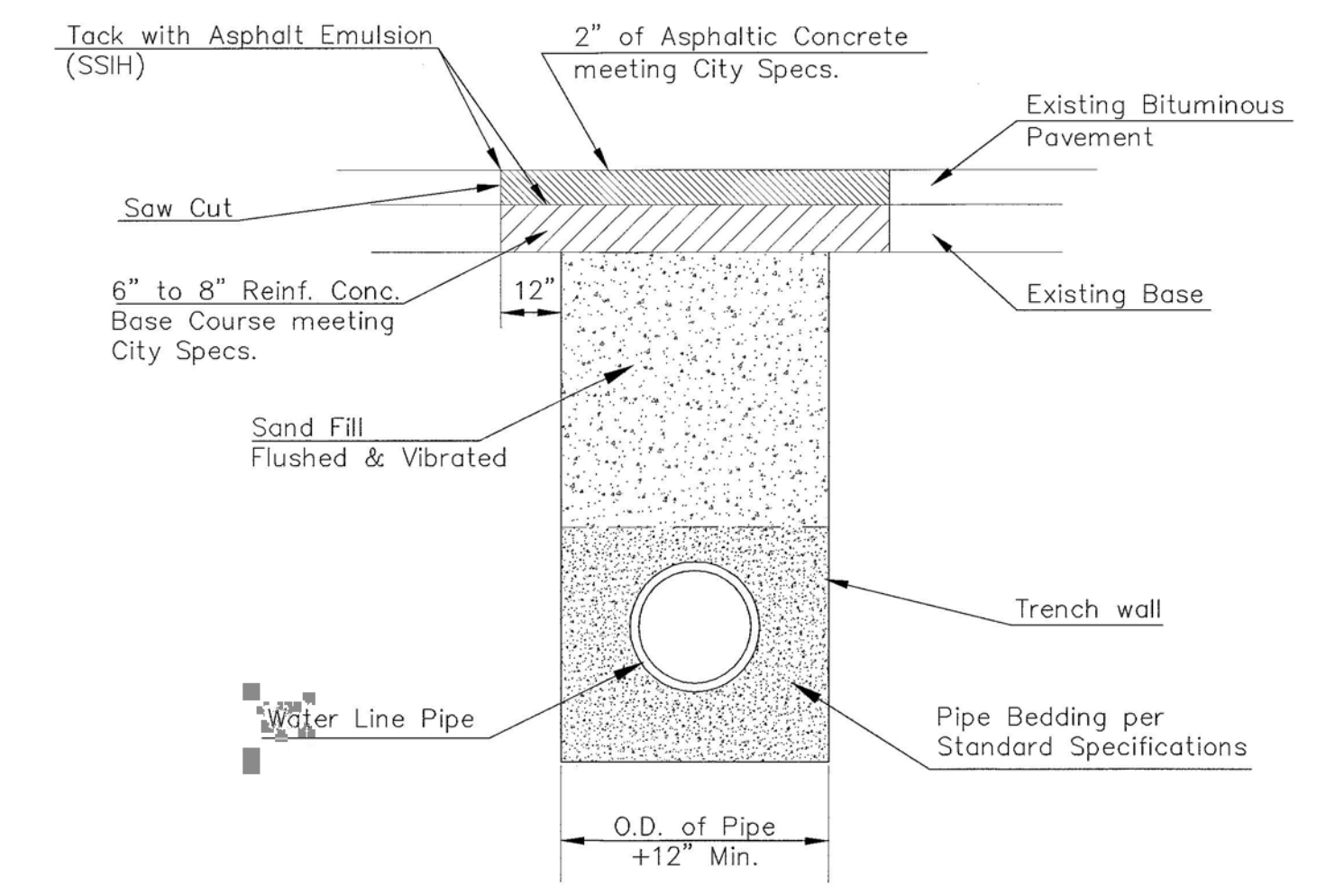
EXCAVATION FOR WET TAP



SECTION B-B

REINFORCED CONCRETE ENCASUREMENT OF SANITARY SEWER

Note: Encasement to begin and end at a Bell on Sanitary Sewer Pipe.



PAVEMENT REPLACEMENT & TRENCH COMPACTION UNDER EXISTING AND PROPOSED CITY ROADS



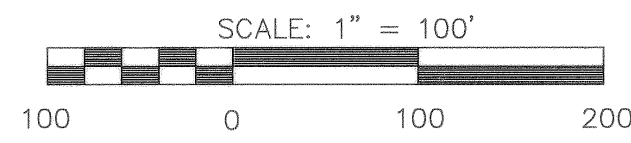
MISCELLANEOUS WATER DETAILS		
CITY ENGINEER GARY JANZEN, P.E..		
PROJECT NUMBER	OCA NUMBER	DATE 04/2014
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 2_2

FINAL PLAT

REGENCY PARK ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

NW COR., NE 1/4
SEC 4, T27S, R2E



LEGEND

- = I.P.
- B.S. = BUILDING SETBACK
- U.E. = UTILITY EASEMENT
- = 10' STREET DEDICATION

MINIMUM PAD ELEVATIONS (LOWEST OPENINGS)			
LOT	BLOCK	ELEVATION (CITY DATUM)	ELEVATION (USGS)
9	1	190.3	1377.7
10	1	188.8	1376.2
11	1	187.3	1374.7
5	2	192.1	1379.5
6	2	192.1	1379.5

BENCHMARKS

- BM#1 STEP SPIKE IN WEST SIDE PP, 1st. POLE NORTH OF 29th. ST. ON EAST SIDE GREENWICH RD. ELEV. = 201.51
- BM#2 STEP SPIKE IN WEST SIDE PP, 6th. POLE NORTH OF K-96 ON EAST SIDE GREENWICH RD. ELEV. = 192.04
- BM#3 STEP SPIKE IN WEST SIDE PP, 1st. POLE NORTH OF K-96 ON EAST SIDE GREENWICH RD. ELEV. = 184.45

Gregory J. Allison

