

# PRIVATE PROJECTS WATER (PPW)

## COSTCO WHOLESALE WAREHOUSE WICHITA, KANSAS (1834 PPW 607853)

SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 27 SOUTH, RANGE 2 EAST  
WICHITA, SEDGWICK COUNTY, KANSAS

REV. NO.	DATE	DESCRIPTION
1	03/23/14	PPW #1

REV. NO.	DATE	DESCRIPTION
1	03/23/14	PPW #1

PPW COVER SHEET

COSTCO WHOLESALE WAREHOUSE & GASOLINE  
EAST KELLOGG AVENUE & WEBB RD  
WICHITA, KANSAS

SITE INFORMATION TABLE	
LEGAL DESCRIPTION	LOT 1 - COSTCO ADDITION
CITY OF WICHITA, SEDGWICK COUNTY, KANSAS	
ADDRESS	TO BE DETERMINED
SITE AREA	17.18 ACRES
ZONING	L4 (LIGHT INDUSTRIAL)
BENCHMARK	SE QUAD OF WEBB ROAD & KELLOGG AVENUE 2" ALUMINUM DISK STAMPED "CON BENCHMARK" ELEV: 1388.35 41.0' E OF CL WEBB ROAD, 61.4' WNW OF CENTER OF FIRE HYDRANT 4.3' SSW OF CENTER OF TRAFFIC SIGNAL, 79.8' SE OF RR SPIKE IN THIMBLE

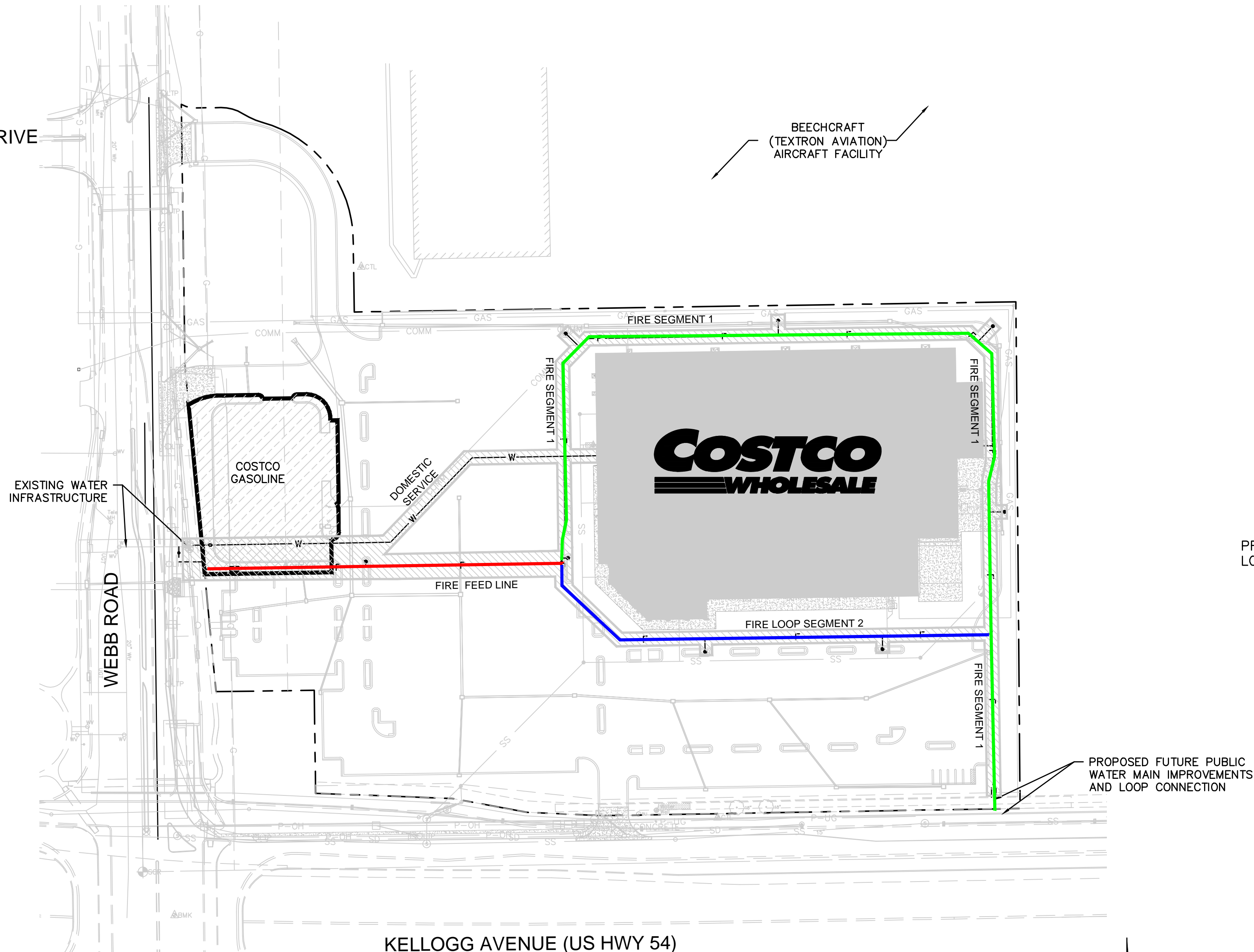
SHEET INDEX	
SHEET #	SHEET TITLE
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PPW2	FIRE SERVICE FEED LINE PLAN AND PROFILE
PPW3	FIRE SERVICE SEGMENT #1 PLAN AND PROFILE
PPW4	FIRE SERVICE SEGMENT #1 PLAN AND PROFILE
PPW5	FIRE SERVICE SEGMENT #2 PLAN AND PROFILE
PPW6	DOMESTIC WATER SERVICE PLAN AND PROFILE
PPW7	PPW DETAILS
PPW8	PPW DETAILS

### GENERAL NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH AND FOLLOW THE CITY OF WICHITA'S STANDARDS USED IN THIS PROJECT. A LIST OF STANDARDS HAS BEEN PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR; HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW ALL CITY OF WICHITA'S STANDARDS AND SPECIAL PROVISIONS WHICH ARE APPLICABLE TO THIS PROJECT UNLESS OTHERWISE MODIFIED BY THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PRESERVE ALL SURVEY CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL PROPERTY MONUMENTS. ANY PROPERTY MONUMENTS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF KANSAS AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY THAT ALL IMPACTED GOVERNMENT AGENCIES HAVE GRANTED ALL APPLICABLE PERMISSION TO PROCEED WITH CONSTRUCTION PRIOR TO MOBILIZATION. FURTHERMORE, 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY APPROPRIATE PARTIES THAT WORK WILL BE PROCEEDING WITHIN EACH IMPACTED GOVERNMENT AGENCY JURISDICTIONAL BOUNDARY.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND TO THE BEST OF OUR KNOWLEDGE CONSTITUTES ALL KNOWN FACILITIES. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT DIGGER'S HOTLINE OF KANSAS @ 1-800-DIG-SAFE IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK. THE CONTRACTOR SHALL ALSO HAVE ALL "PRIVATE UTILITIES" (INCLUDING IRRIGATION SYSTEMS) LOCATED BEFORE STARTING ANY CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE OR COORDINATE WITH THE APPROPRIATE UTILITY COMPANY FOR RELOCATION OF ALL UNFORESEEN EXISTING UTILITIES CONFLICTING WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL FIELD VERIFY LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES. THE CONTRACTOR SHALL REPORT TO THE ENGINEER OR CITY INSPECTOR ANY DISCREPANCIES BETWEEN HIS MEASUREMENTS AND THESE PLANS.
- ANY EXISTING UTILITY LINES AND STRUCTURES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED AND KEPT FREE OF DAMAGE BY THE CONTRACTOR'S OPERATIONS. IF SUCH UTILITY OR STRUCTURE IS DAMAGED, IT SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE. IF ANY UTILITY LINES OR STRUCTURES ARE DAMAGED DURING OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTIONS.
- ALL SPOIL MATERIAL FROM THE PROJECT SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN A LAWFUL MANNER. CONSULT WITH GEOTECHNICAL ENGINEER AND OWNER PRIOR TO ANY EARTHWORK OR EXCAVATION REGARDING CONTAMINATED AND/OR UNSUITABLE SOILS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT, FACE OF BUILDING, OR BACK OF CURB (UNLESS OTHERWISE NOTED). DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS RESPONSIBLE FOR RELOCATION AND/OR DEMOLITION AND DISPOSAL IN A MANNER APPROVED BY ALL GOVERNING AUTHORITIES FOR ALL STRUCTURES, PADS, WALLS, PANS, FOUNDATIONS, PAVEMENT, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED AND/OR RELOCATED SHALL BE UNDERCUT TO SUITABLE GRADE AND BROUGHT UP TO PROPOSED GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE PLANS/SPECIFICATIONS AND GEOTECHNICAL REPORT.
- ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE HAULED OFF SITE AND DISPOSED OF IN A LAWFUL MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL TRAFFIC CONTROL NECESSARY DURING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL NOT DISTURB BEYOND THE PROJECT LIMITS OF CONSTRUCTION WITHOUT APPROVAL FROM THE PROJECT ENGINEER/OWNER.
- ALL CONSTRUCTION INSPECTION AND MATERIAL TESTING SHALL BE PROVIDED TO THE ACCEPTANCE OF THE CITY OF WICHITA.
- THE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, BUILDING SIDEWALKS, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH AND FOLLOW THE CITY OF WICHITA STANDARDS USED IN THIS PROJECT. A LIST OF STANDARDS HAS BEEN PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR; HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW ALL CITY OF WICHITA STANDARDS WHICH ARE APPLICABLE TO THIS PROJECT UNLESS OTHERWISE MODIFIED BY THE CONTRACT DOCUMENTS.
- THE WATER MAIN CONSTRUCTION AND PIPE MATERIALS FOR THIS PROJECT SHALL MEET OR EXCEED THE CITY OF WICHITA STANDARDS. ALL STANDARDS AND SPECIFICATIONS AND APPENDIX SHALL APPLY.
- PRIOR TO FINAL ACCEPTANCE, ALL WATER MAIN SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED IN ACCORDANCE WITH CITY OF WICHITA REQUIREMENTS. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED TO THE OWNER.
- THE CONTRACTOR SHALL PAY ALL METER COSTS (NEW OR TEMPORARY), TAPPING FEES, AND OTHER INCIDENTAL COSTS REQUIRED BY THE CITY OF WICHITA.
- ALL FITTINGS (HORIZONTAL AND VERTICAL), VALVES, AND HYDRANTS SHALL BE SECURELY RESTRAINED USING CONCRETE THRUST BLOCKS TO WITHSTAND TESTING AND OPERATING PRESSURES.
- TRACER WIRE SHALL BE INSTALLED ON ALL PIPE IN ACCORDANCE WITH THE CITY OF WICHITA. STANDARD SPECIFICATIONS AND SHALL BE INCIDENTAL TO THE PIPE.
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINES SHALL BE 10 FEET. THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF WATER AND SEWER LINES SHALL BE 18 INCHES. THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF WATER AND SEWER STRUCTURES IS 24 INCHES.
- WATER MAIN TAPS SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE INCLUDING ALL NECESSARY EXCAVATION NEEDED TO LOCATE WATER MAIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF WICHITA AS NEEDED TO TIE INTO THE CITY OF WICHITA WATER SYSTEM.
- ALL PERMANENT FIRE HYDRANTS SHALL BE INSTALLED TO LINE AND FINAL GRADE IN ACCORDANCE WITH THE PLAN DRAWINGS. FIRE HYDRANTS SHALL BE INSTALLED WITH PUMPER CONNECTION FACING THE ROAD UNLESS OTHERWISE DIRECTED IN THE CONTRACT DOCUMENTS.
- ALL WATER MAIN CONSTRUCTION SHALL BE DONE UNDER A PLUMBING PERMIT AND SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES.
- ALL WATER METERS, PUMPS, AND BACKFLOW PREVENTERS ARE LOCATED INSIDE THE BUILDING. REFERENCE ARCHITECTURAL/M.E.P. PLANS FOR DESIGN AND LOCATIONS.
- REFERENCE ARCHITECTURAL/M.E.P. PLANS FOR WATER SERVICE TIE-INS WITH BUILDING.
- WATER PIPE SHALL HAVE A 42" AND 48" MINIMUM BURY DEPTH AS MEASURED FROM FINISHED GROUND TO TOP OF PIPE FOR 8" AND LESS AND 12" DIAMETER PIPE, RESPECTIVELY.
- SITE SHALL BE TO FINISHED GRADE PRIOR TO INSTALLATION OF WATER PIPING.
- ALL FITTINGS SHALL BE MECHANICAL OR PUSH ON JOINTS.
- ALL TRENCHES SHALL BE BACKFILLED AND COMPACTED PER THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. TESTING AGENCY SHALL PROVIDE COMPACTION TESTING FOR ALL WATER TRENCHING.
- PIPE MATERIALS SHALL BE AS INDICATED IN SPECIFICATIONS AND THE CITY OF WICHITA STANDARD REQUIREMENTS.
- CITY MAINTENANCE ENDS AT ROW LINE FOR ALL WATER, FIRE AND UTILITY SERVICES.

CORP HILLS DRIVE

BEECHCRAFT (TEXTRON AVIATION) AIRCRAFT FACILITY



KELLOGG AVENUE (US HWY 54)

PLAN VIEW

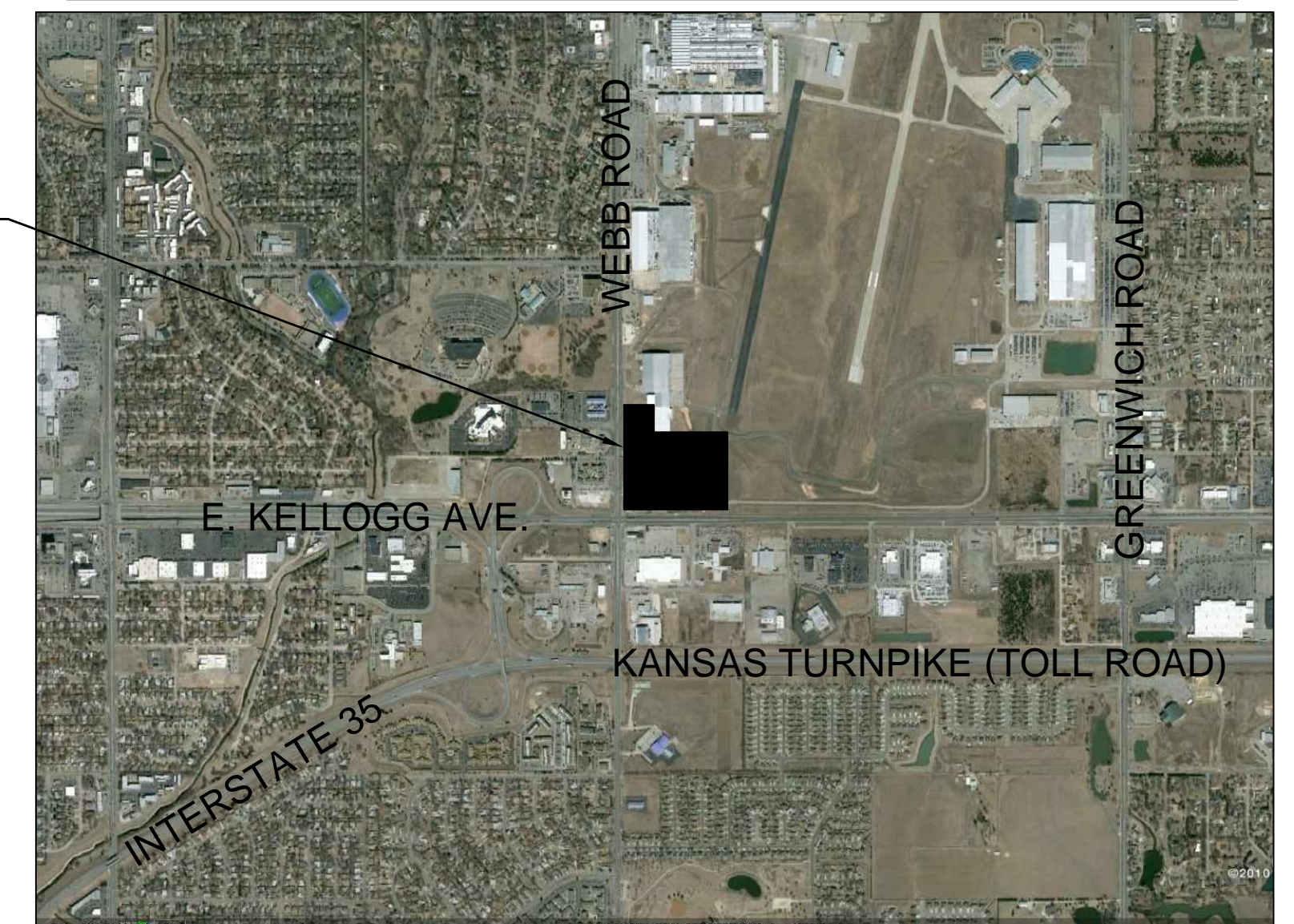
PLAN LEGEND

	PROPOSED DRY CURB		PROPERTY LINE
	EASEMENT		EXISTING TELEPHONE LINE
	PROPOSED LIGHTPOLE		EXISTING GAS LINE
	HANDICAPPED ACCESSIBLE PARKING STALL		EXISTING WATER MAIN
	PROPOSED UNDERGROUND COMMUNICATION LINES		EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER		EXISTING FIBER UNDER
	PROPOSED STORM SEWER		PROPOSED UNDERGROUND POWER
	PROPOSED GAS MAIN AND SERVICE		EXISTING STORM PIPE
	PROPOSED WATER MAIN		EXISTING FENCE
	PROPOSED FIRE SERVICE		EXISTING UTILITY EASEMENT
	PROPOSED ELECTRIC PRIMARY AND SECONDARY SERVICES		PROPOSED PROPERTY LINE
			PROPOSED CURB

### PROJECT TEAM & UTILITY CONTACT LIST

<b>OWNER:</b> COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027 PHONE: 425.313.8100	<b>GEOTECHNICAL ENGINEER:</b> KLEINFELDER 7805 MESQUITE BEND—SUITE 100 IRVING, TEXAS 75063 CONTACT: KIRK FRASER PHONE: 817.505.7613	<b>GAS:</b> KANSAS GAS 1021 E 26TH ST N WICHITA, KS 67219 CONTACT: NATHAN NEISES PHONE: 316.832.3123	<b>TELEPHONE:</b> COX COMMUNICATIONS 901 SW GEORGE WASHINGTON BLVD WICHITA, KANSAS 67211 CONTACT: MATT JACKSON PHONE: 316.260.7426
<b>ARCHITECT:</b> MULVANNY2 ARCHITECTURE 1110 112TH AVE NE—SUITE 500 BELLEVUE, WA 98004 CONTACT: CAROLYN SHERRILL PHONE: 425.463.1501	<b>WATER/SANITARY/STORM:</b> CITY OF WICHITA PUBLIC WORKS & UTILITIES 455 N MAIN WICHITA, KANSAS 67202 CONTACT: GREG LOLLLEY & SHAWN MELLIES PHONE: 316.268.4334	<b>ELECTRIC:</b> WESTAR ENERGY 1900 E CENTRAL AVE PO BOX 208 WICHITA, KANSAS 67201-0208 CONTACT: LADONNA VANDERFORO PHONE: 316.261.6490	<b>DEPARTMENT OF ENVIRONMENTAL PROTECTION:</b> KANSAS DEPT OF HEALTH/ENV (KDHE) 1000 SW JACKSON ST, SUITE 420 TOPEKA, KANSAS 66612 CONTACT: LARRY HOOK PHONE: 785.296.5549
<b>CIVIL ENGINEER/SURVEYOR:</b> OLSSON ASSOCIATES 201 NW 63RD—SUITE 130 OKLAHOMA CITY, OK 73116 CONTACT: BRETT LAURITSEN PHONE: 405.242.8600			

- ALERT TO CONTRACTOR:**
- THE SITEWORK FOR THIS PROJECT SHALL MEET OR EXCEED THE PROJECT PLANS, NOTES, SPECIFICATIONS, AND/OR DETAILS. IN CASE OF DISCREPANCY MORE STRINGENT SHALL APPLY.
  - ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO CONTRACT COMPLETION AND THE FINAL CONNECTION OF SERVICES.
  - THE INFORMATION HEREIN IS OF PROPRIETARY NATURE AND IS SUBMITTED IN CONFIDENCE FOR THE USE OF OUR CLIENTS ONLY. UNAUTHORIZED REPRODUCTION, DISTRIBUTION, OR DISSEMINATION, IN WHOLE OR IN PART IS PROHIBITED. THE INFORMATION CONTAINED HEREIN IS AND REMAINS THE PROPERTY OF OLSSON ASSOCIATES AND RECEIPT OR POSSESSION OF THIS INFORMATION CONFERS NO RIGHT IN OR LICENSE TO DISCLOSE TO OTHERS THE SUBJECT MATTER CONTAINED HEREIN FOR ANY BUT AUTHORIZED PURPOSES. ALL RIGHTS RESERVED.
  - CONTRACTOR TO COORDINATE BACKFLOW PREVENTION VAULT BID AND PAYMENT WITH BOTH COSTCO AND CITY OF WICHITA FOR ANY REIMBURSEMENT.



LOCATION MAP  
NOT TO SCALE

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

Water Mains (Public Works) *Blessa Guif 9/1/14*  
Water Mains (Water Utilities) *Doug Holley 10-1-14*  
Fire Prot. Line (Fire Dept.) *DMO 10-2-14*

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. Soil inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed 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 materials 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 the City of Wichita Fire Department and by a licensed Consulting Engineering Firm under contract with the Owner/Developer. 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.

### PROPERTY DESCRIPTION

A TRACT OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 27 SOUTH, RANGE 2 EAST OF THE 6TH PRINCIPAL MERIDIAN, SEDGWICK COUNTY, KANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCING AT THE SOUTHWEST CORNER OF SAID QUARTER SECTION; THENCE ON AN ASSUMED BEARING OF N00°48'14"  
THE ABOVE DESCRIBED TRACT CONTAINS 748,451 SQUARE FEET, 17.18 ACRES, MORE OR LESS. SUBJECT TO EASEMENTS, RESERVATIONS AND RESTRICTIONS NOW OF RECORD.

**AS-BUILT DRAWINGS**  
Contractor: Mies Construction  
Inspector: Dakota G. Zimmerman  
PDF's Made By: DGZ 03/18/15

CALL BEFORE YOU DIG  
1-800-344-7233  
STATEWIDE (DIG SAFE)

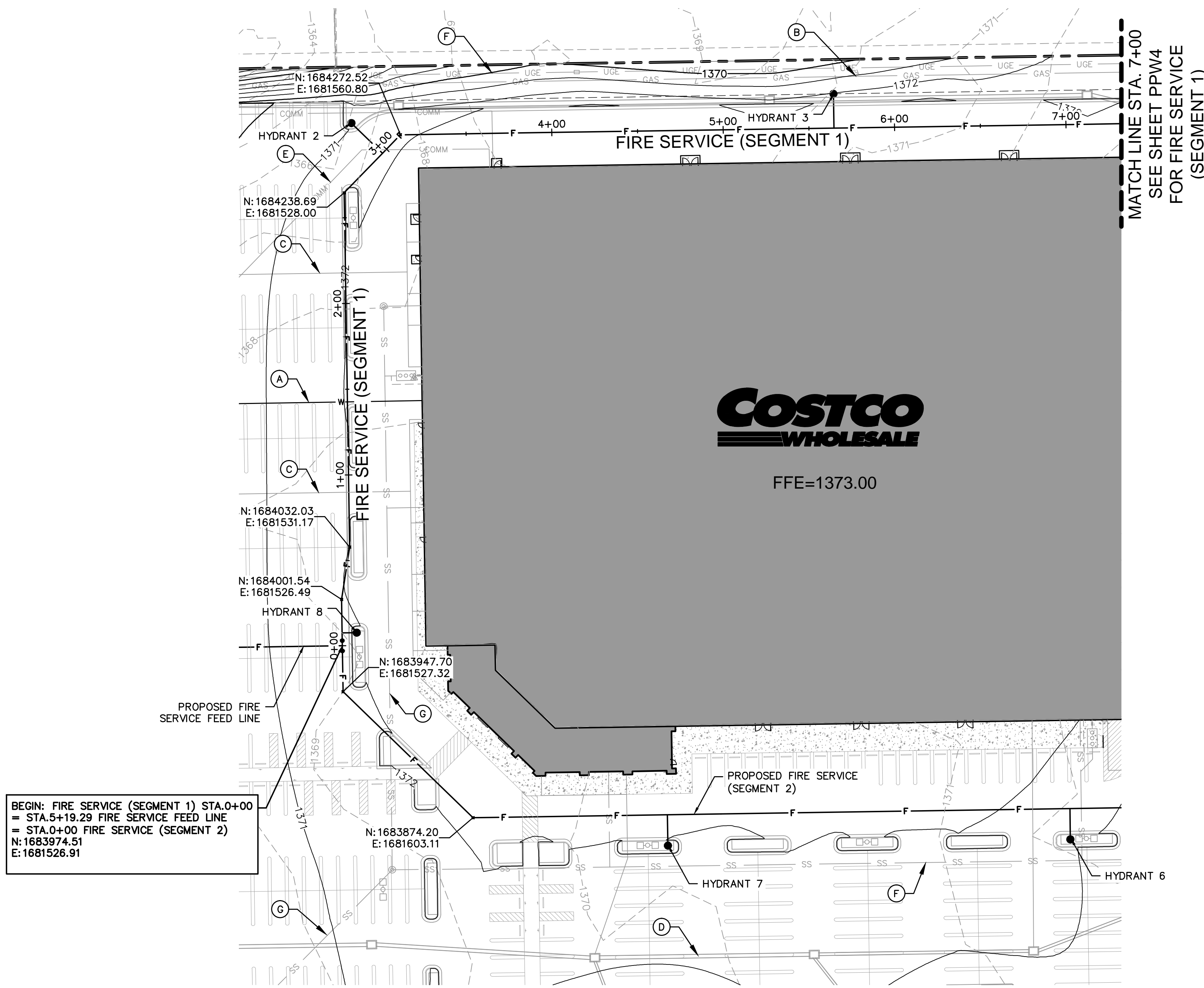
KANSAS ONE-CALL SYSTEM, INC.

KANSAS CALL BEFORE YOU DIG:  
1-800-DIG-SAFE (1-800-344-7233)

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 121744\_CD\_PBASE  
 BRETT LAURITSEN\_PFE\_KS

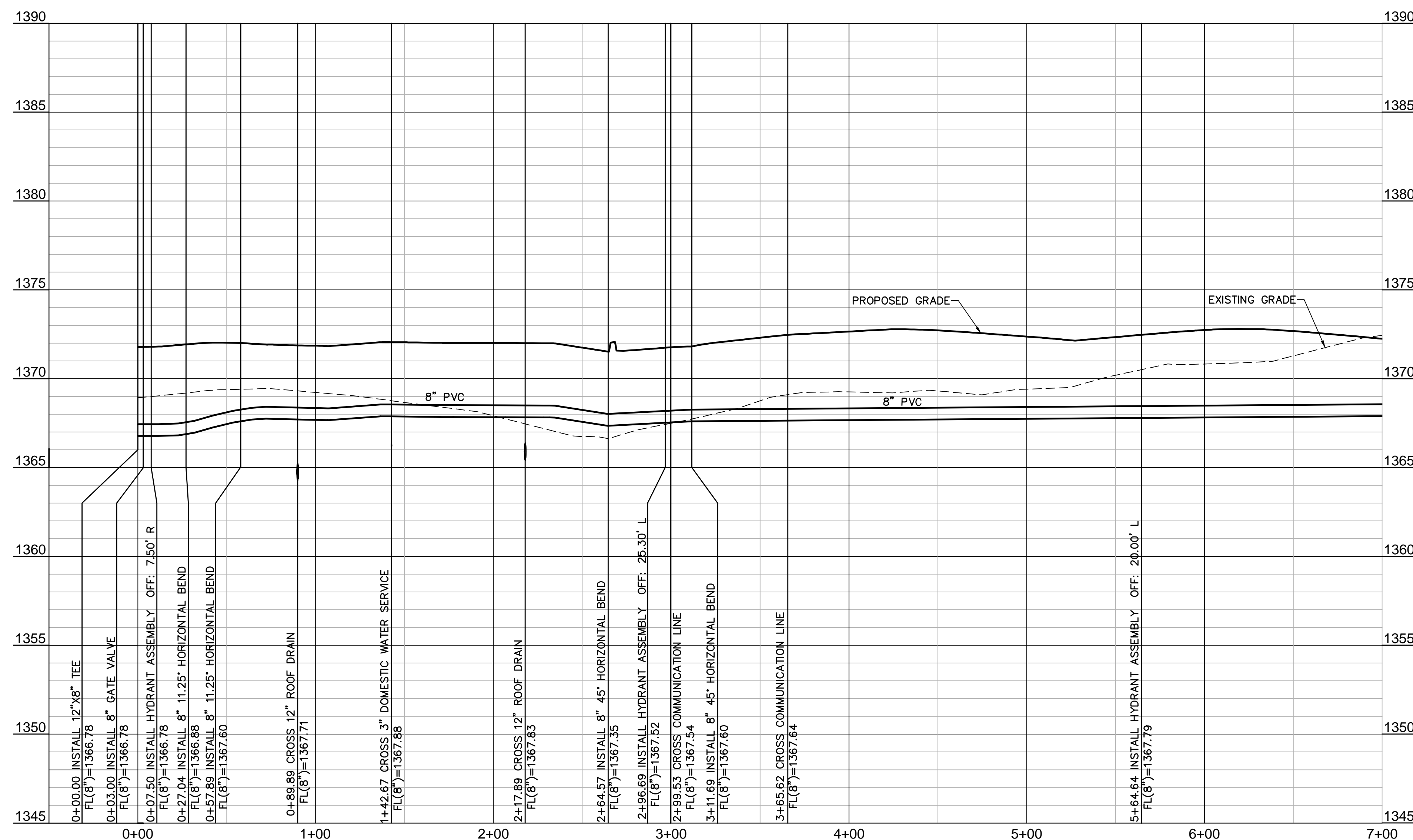


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BEGIN: FIRE SERVICE (SEGMENT 1) STA.0+00  
 = STA.5+19.29 FIRE SERVICE FEED LINE  
 = STA.0+00 FIRE SERVICE (SEGMENT 2)  
 N: 1683974.51  
 E: 1681526.91

FIRE SERVICE (SEGMENT 1)

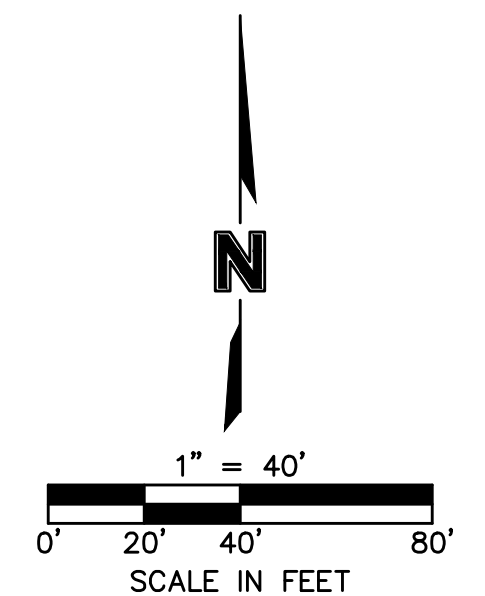


LEGEND NOTES:

- (A) PROPOSED DOMESTIC WATER SERVICE
- (B) PROPOSED GAS SERVICE
- (C) PROPOSED STORM SERVICE
- (D) PROPOSED STORM SEWER
- (E) PROPOSED COMMUNICATION LINE
- (F) PROPOSED ELECTRIC
- (G) PROPOSED SANITARY SERVICE

HYDRANT #	STATION	OFFSET	NORTHING	EASTING	BURY LINE ELEV.	TOP OF PIPE ELEV.
1	02+60.00	7.00 L	1683977.4900	1681257.5300	1367.3000	1362.6100
2	02+96.69	25.30 L	1684279.3600	1681532.1900	1371.4800	1368.1900
3	05+64.64	20.00 L	1684296.4100	1681813.4100	1372.0500	1368.4600
4	08+33.77	28.00 L	1684289.1000	1682097.7900	1373.0000	1368.8000
5	10+67.50	20.00 L	1684043.3200	1682113.2500	1373.5000	1365.3200
6	04+80.68	18.00 R	1683861.5600	1681951.6400	1371.6200	1367.9000
7	02+45.85	18.00 R	1683857.9500	1681716.8400	1372.4400	1368.6600
8	00+07.50	8.50 R	1683982.1400	1681535.2900	1372.4700	1367.4500

NOTES:  
 ALL FIRE HYDRANT BRANCHES TO BE R.J. D.I.C.L. PIPE PER CITY STANDARDS



**AS-BUILT DRAWINGS**  
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PROFILE SCALE  
 HORIZONTAL: 1" = 40'  
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**MOLSSON ASSOCIATES**  
 201 N.W. 10th Street, Suite 130  
 Columbia, MO, 65201  
 TEL: 656-242-8879  
 FAX: 656-242-8891  
 www.molssonassociates.com

**COSTCO WHOLESALE**  
 WICHITA, KANSAS

**BRETT LAURITSEN**  
 LICENSED PROFESSIONAL ENGINEER  
 22550  
 KANSAS

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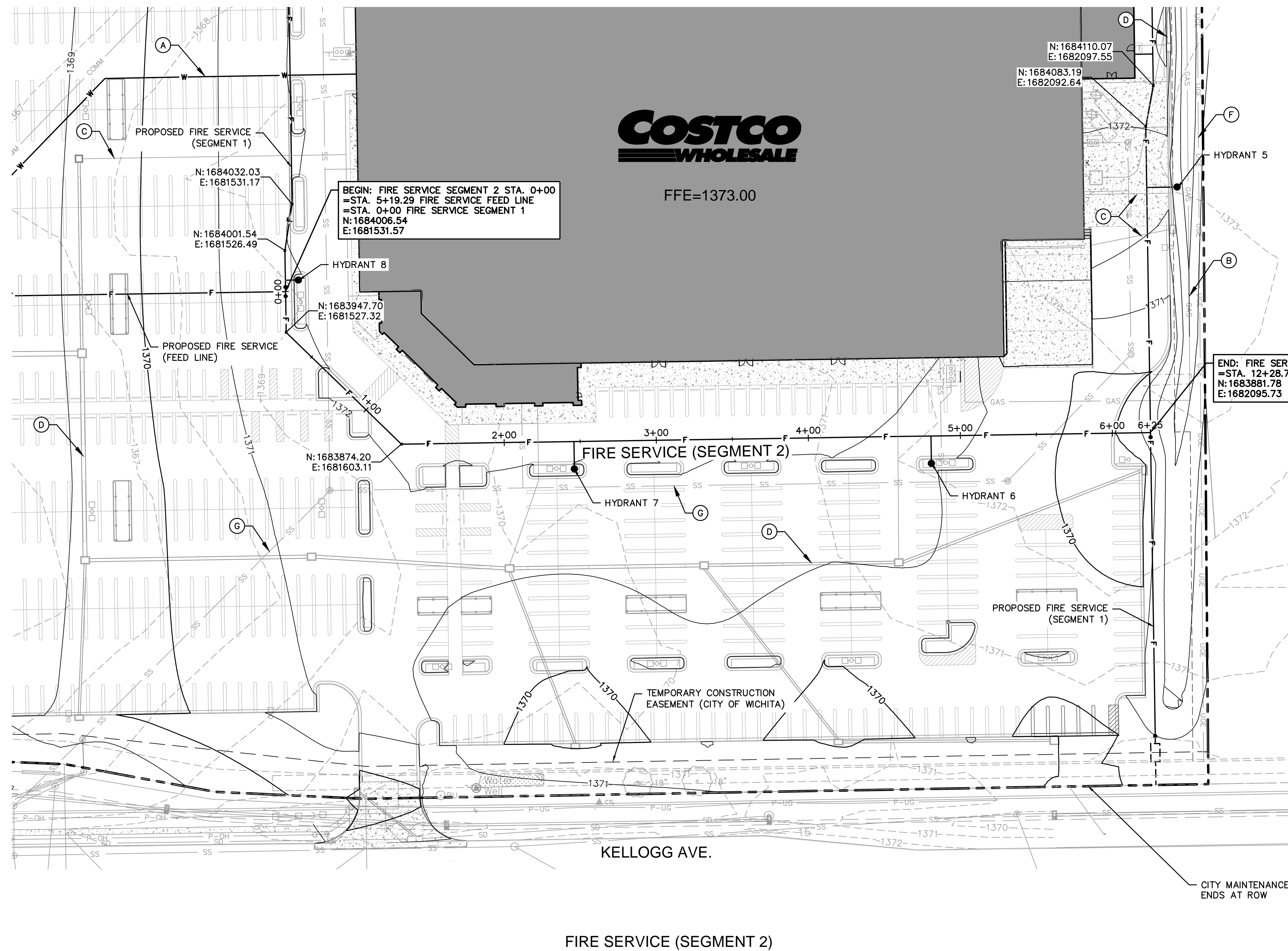
FIRE SERVICE SEGMENT #1 PLAN AND PROFILE  
 COSTCO WHOLESALE WAREHOUSE & GASOLINE  
 EAST KELLOGG AVENUE & WEBB RD  
 WICHITA, KANSAS

drawn by: MTC  
 checked by: BHE  
 approved by: BHE  
 SA/DC by: BHE  
 project no.: 012-1744  
 drawing no.:  
 date: 07-15-14

SHEET PPW3



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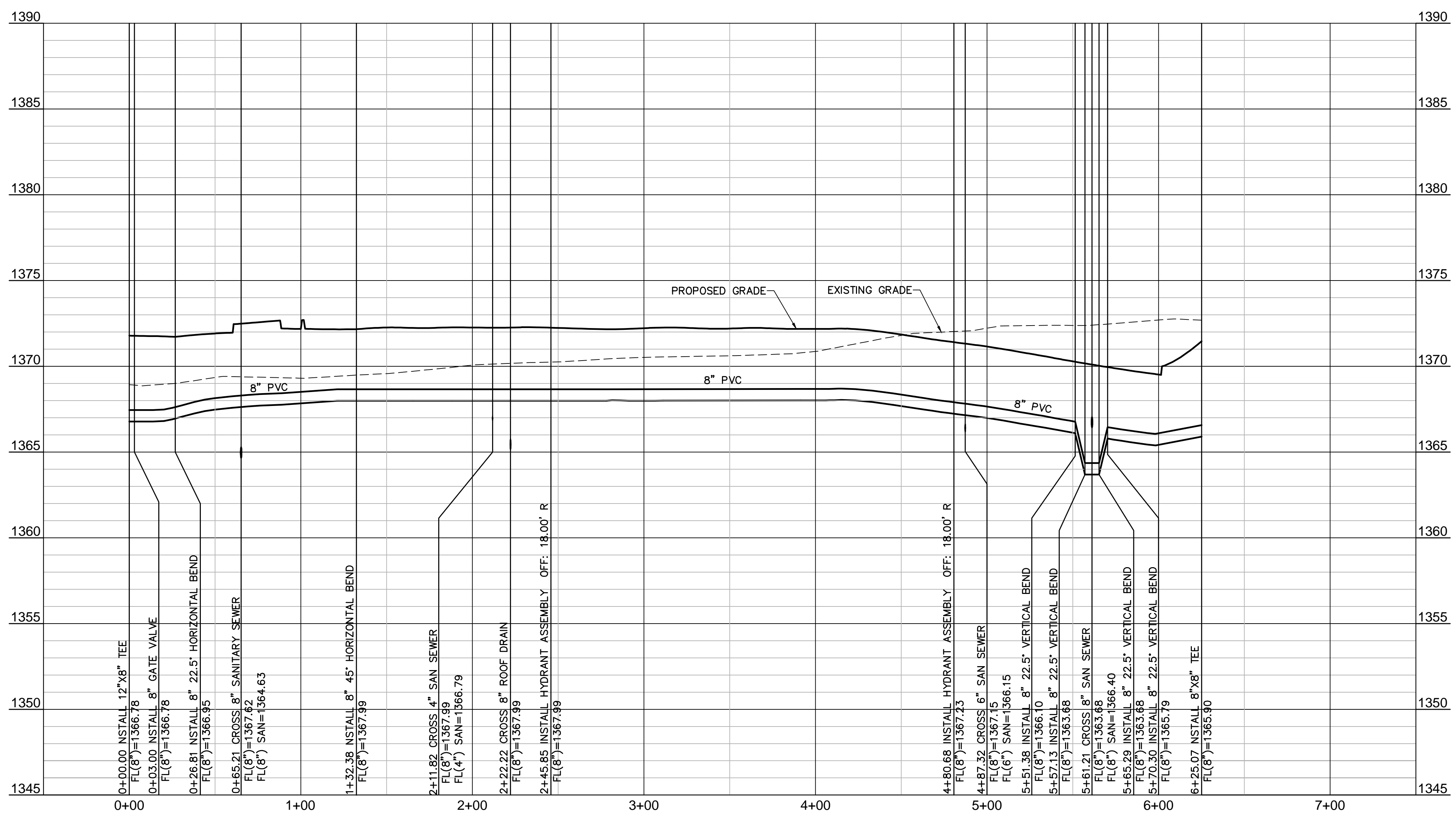
FIRE SERVICE (SEGMENT 2)

**LEGEND NOTES:**

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3	05+64.64	20.00 L	1684296.4100	1681813.4100	1372.0500	1368.4600
4	08+33.77	28.00 L	1684289.1000	1682097.7900	1373.0000	1368.8000
5	10+67.50	20.00 L	1684043.3200	1682113.2500	1373.0000	1365.3200
6	04+80.68	18.00 R	1683861.5600	1681951.6400	1371.6200	1367.9000
7	02+45.85	18.00 R	1683857.9500	1681716.8400	1372.4400	1368.6600
8	00+07.50	8.50 R	1683982.1400	1681535.2900	1372.4700	1367.4500

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**MOLSSON ASSOCIATES**  
 WICHITA, KANSAS

**COSTCO WHOLESALE**  
 WICHITA, KANSAS

BRETT LAURITSEN  
 LICENSED PROFESSIONAL ENGINEER  
 22536

REVISIONS

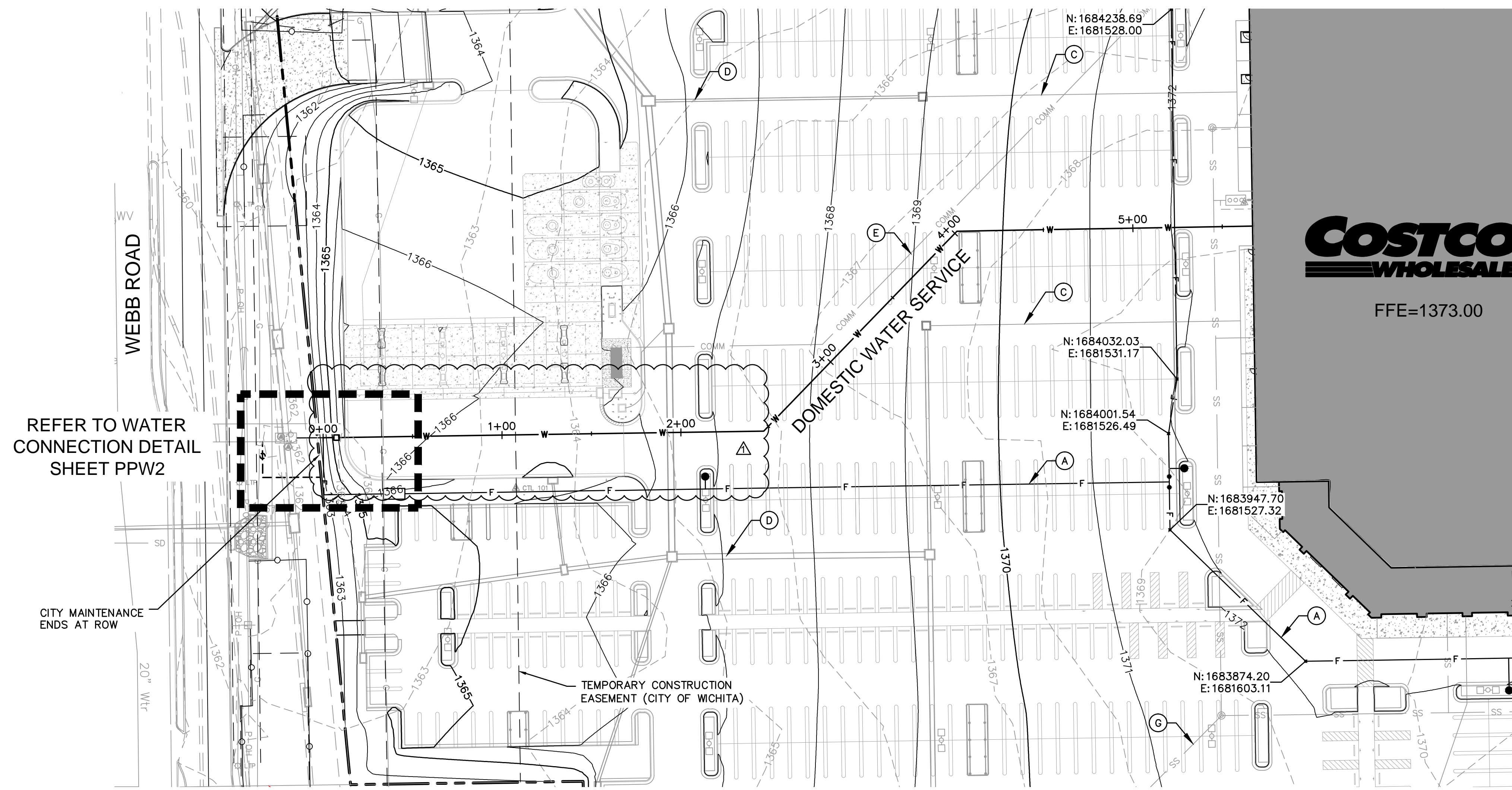
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FIRE SERVICE SEGMENT #3 PLAN AND PROFILE  
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 EAST KELLOGG AVENUE & WEBB RD  
 WICHITA, KANSAS

drawn by: MTC  
 checked by: BHE  
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 project no.: 012-1744  
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SHEET PPW5

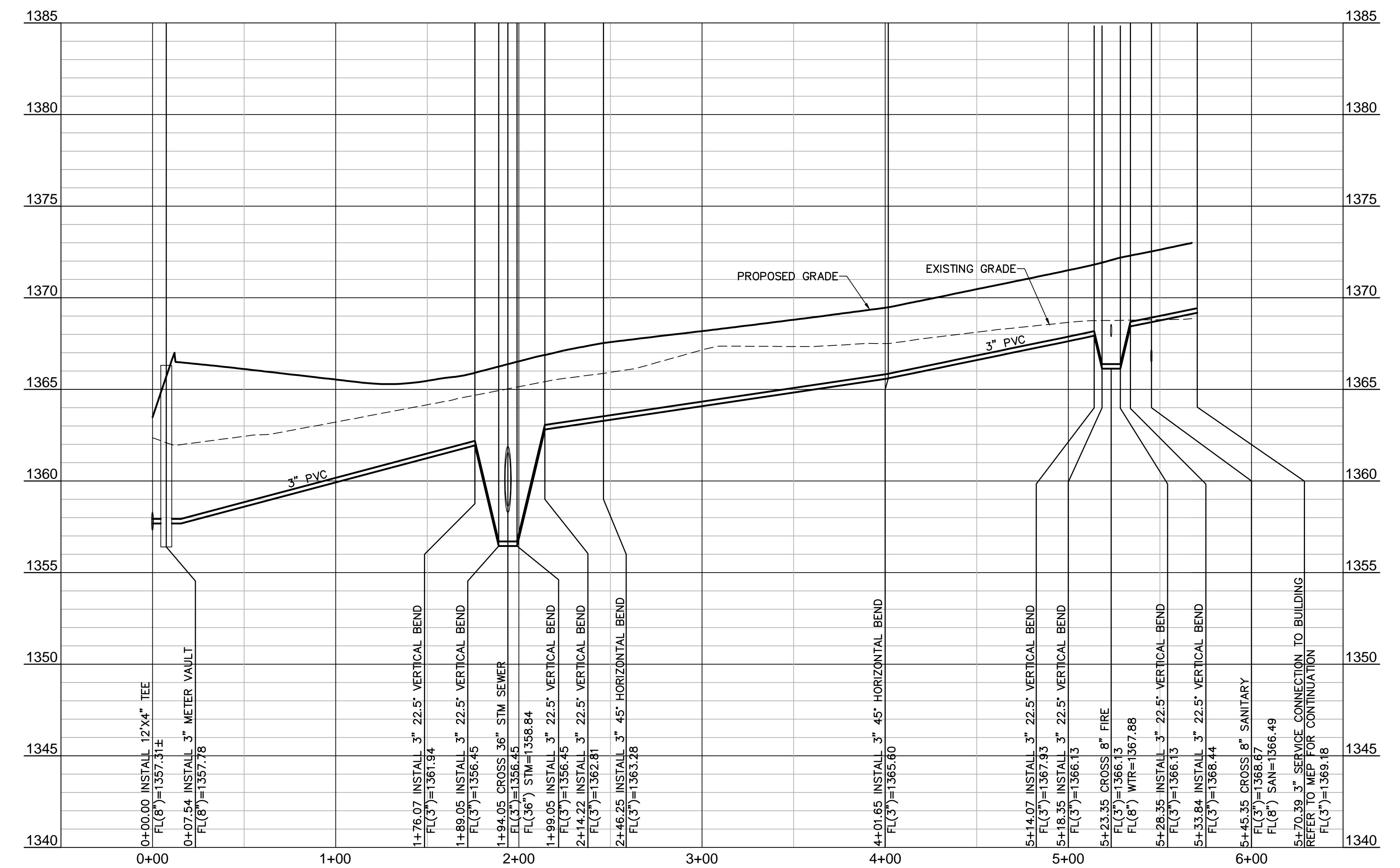
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 BRETT\_LAURITSEN\_PPW\_KS



**LEGEND NOTES:**

- (A) PROPOSED FIRE SERVICE
- (B) PROPOSED GAS SERVICE
- (C) PROPOSED STORM SERVICE
- (D) PROPOSED STORM SEWER
- (E) PROPOSED COMMUNICATION LINE
- (F) PROPOSED ELECTRIC SERVICE
- (G) PROPOSED SANITARY SERVICE

**DOMESTIC WATER SERVICE**



**PROFILE SCALE**  
 HORIZONTAL: 1" = 40'  
 VERTICAL: 1" = 4'

CALL BEFORE YOU DIG  
 1-800-344-7233  
 STATEWIDE (DIG SAFE)

KANSAS ONE-CALL SYSTEM, INC.

REV. NO.	DATE	DESCRIPTION
1	10/23/14	PPW

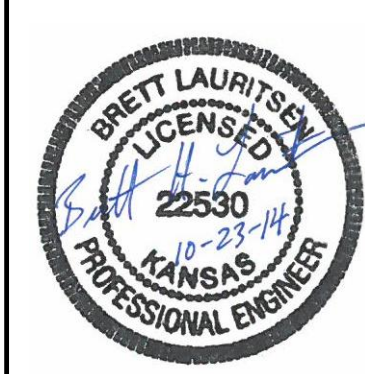
DOMESTIC WATER SERVICE PLAN AND PROFILE  
 COSTCO WHOLESALE WAREHOUSE & GASOLINE  
 EAST KELLOGG AVENUE & WEBB RD  
 WICHITA, KANSAS

drawn by: BHTC  
 checked by: BHTC  
 approved by: BHTC  
 SA/DC by: BHTC  
 project no: 012-1744  
 drawing no: ABC DWG  
 date: 07.15.14

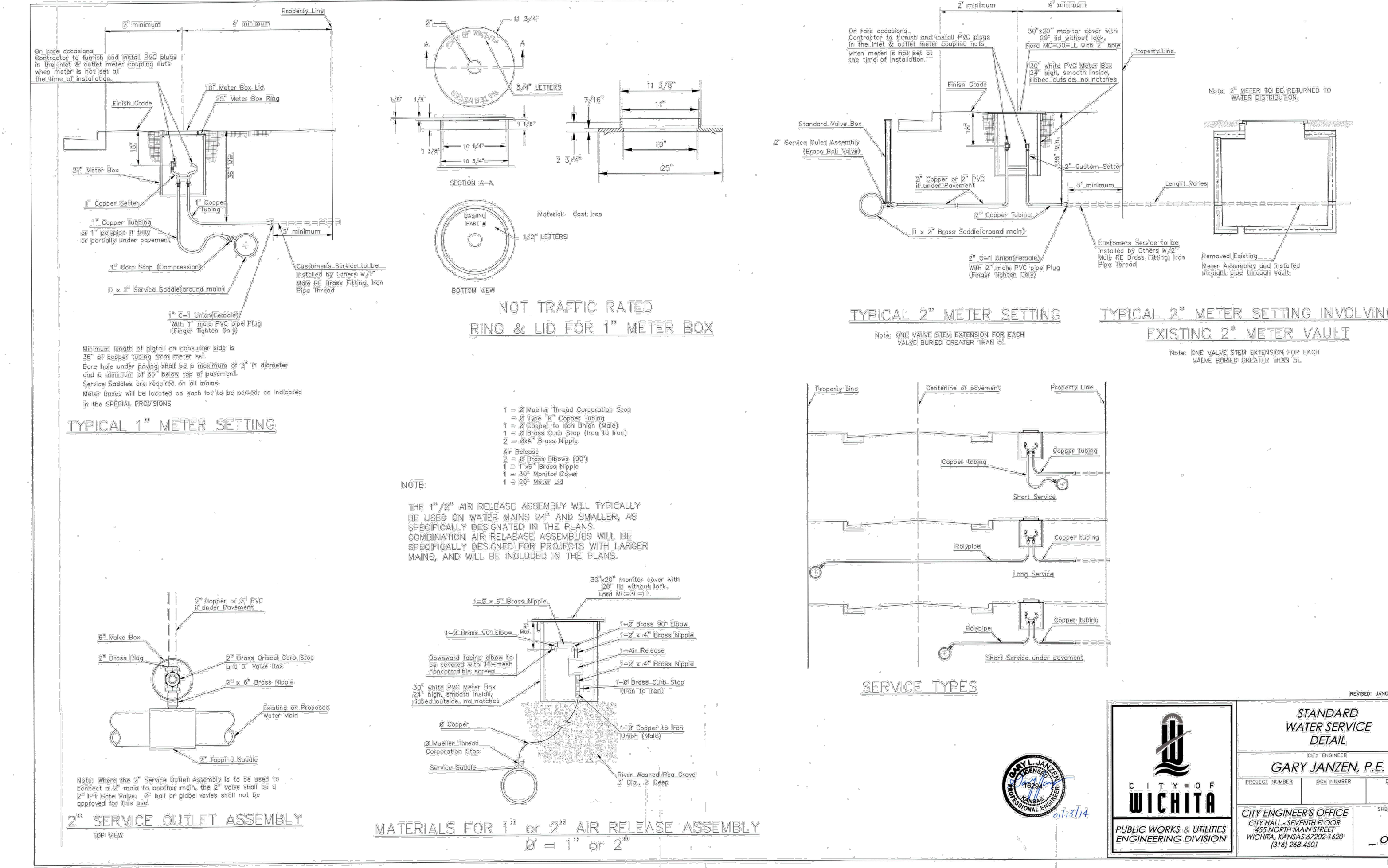
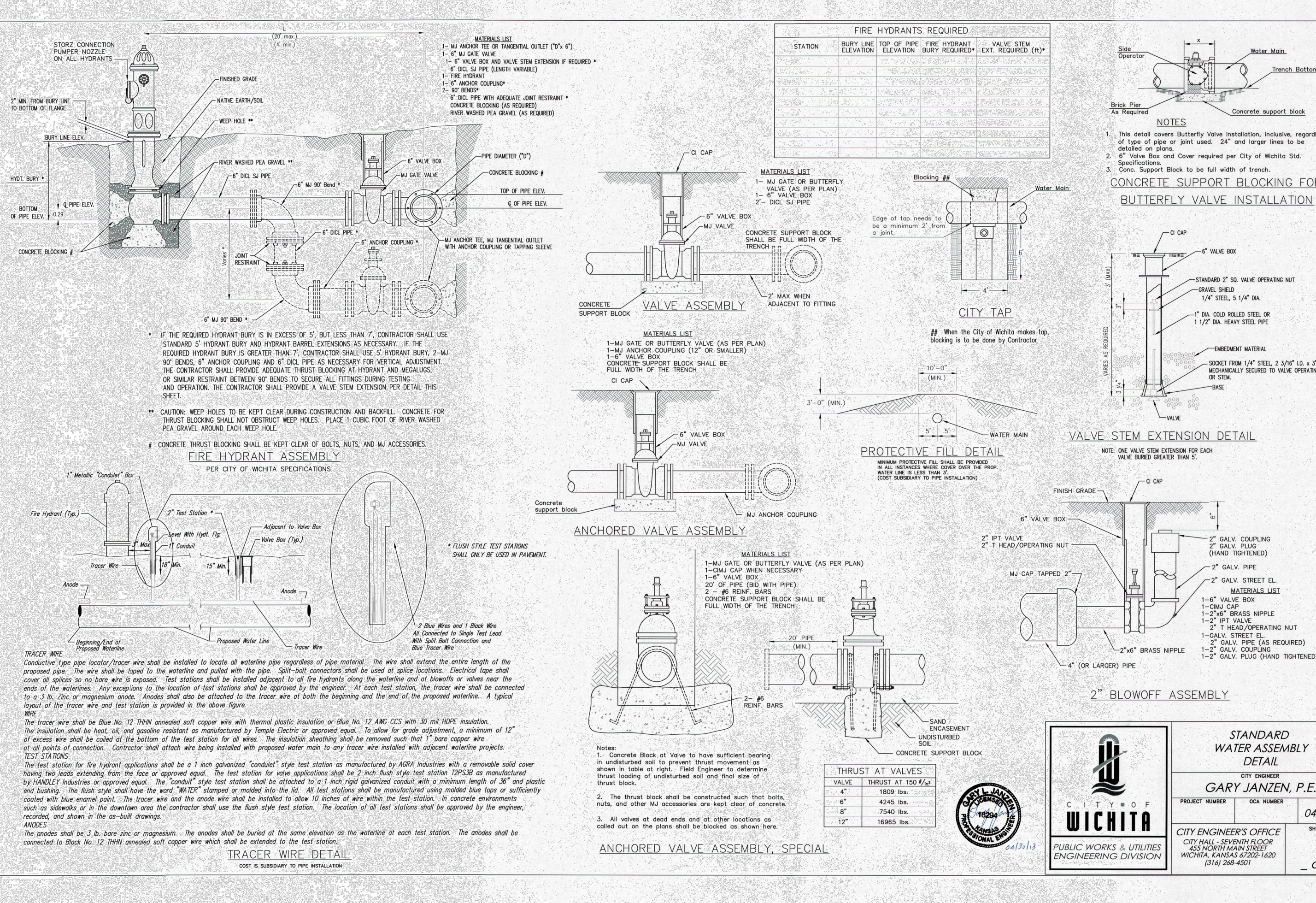
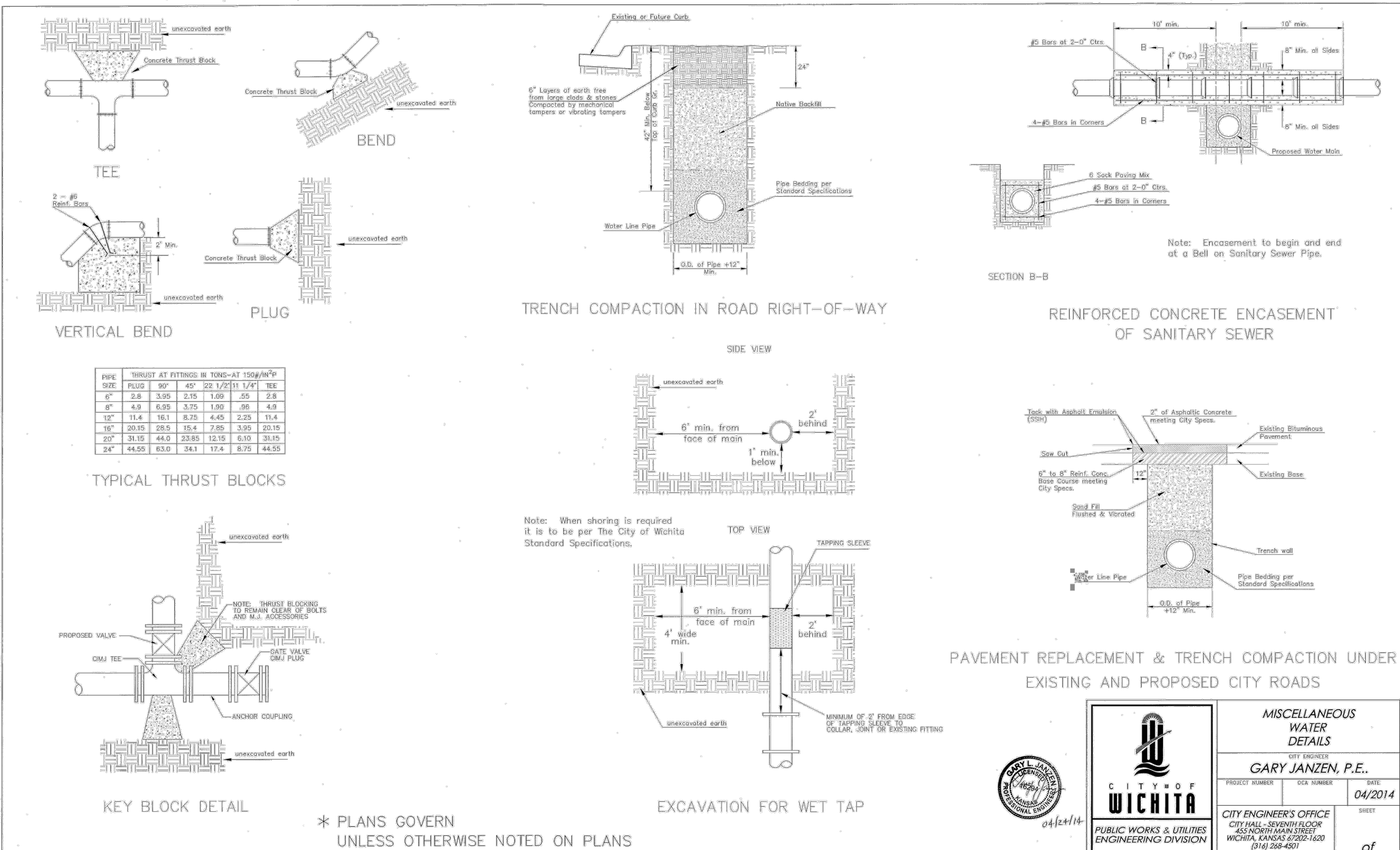
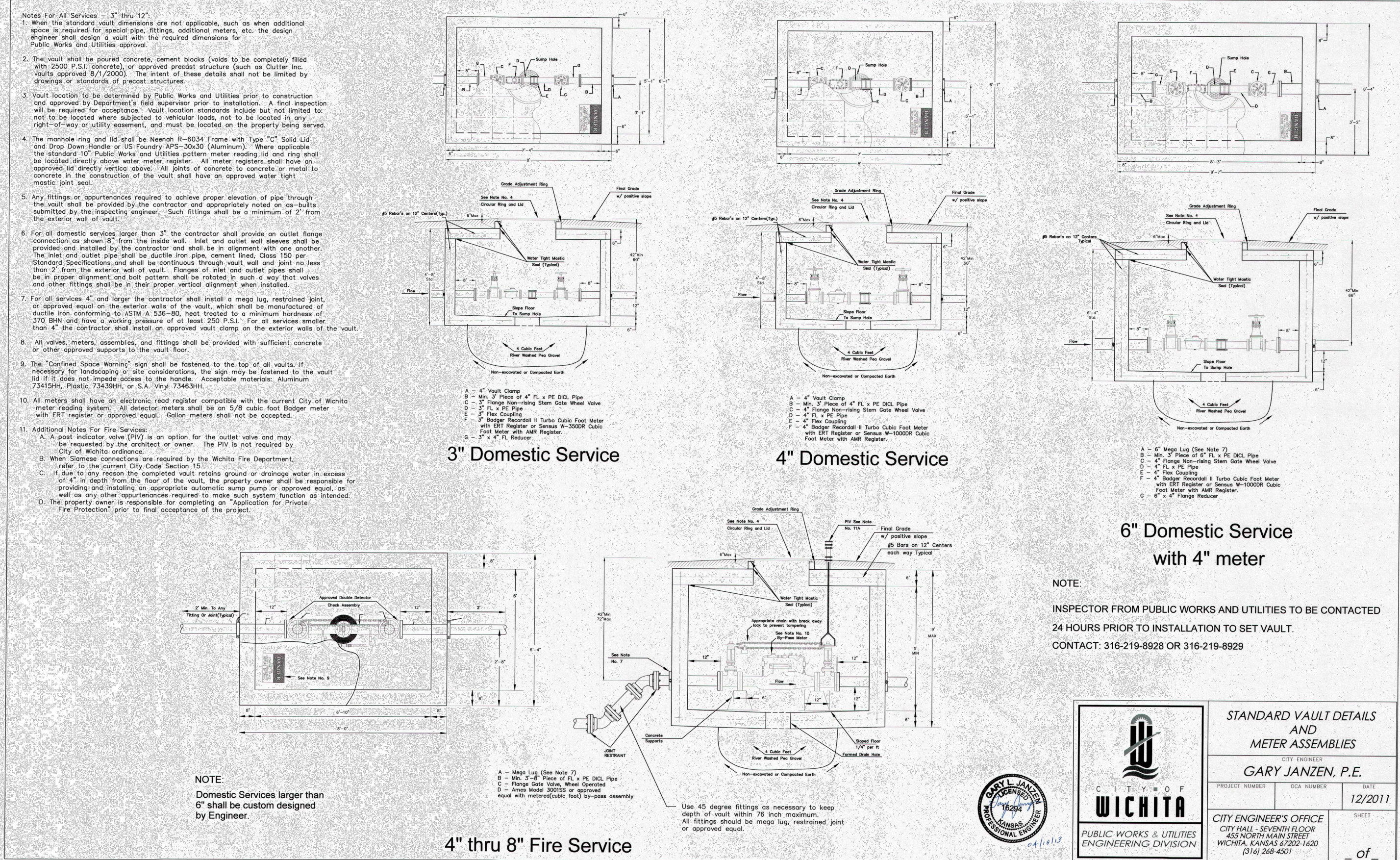
SHEET  
 PPW6

**MOLSSON ASSOCIATES**  
 WICHITA, KANSAS  
 TEL: 620-242-8879  
 FAX: 620-242-8880  
 www.molssonassociates.com

**COSTCO WHOLESALE**  
 WICHITA, KANSAS



KANSAS CALL BEFORE YOU DIG:  
 1-800-DIG-SAFE (1-800-344-7233)



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

Water Mains (Public Works) \_\_\_\_\_  
Water Mains (Water Utilities) \_\_\_\_\_  
Fire Prot. Line (Fire Dept.) \_\_\_\_\_

**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 Licensed 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 materials 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 the City of Wichita Fire Department and by a licensed Consulting Engineering Firm under contract with the Owner/Developer. 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.

CALL BEFORE YOU DIG

1-800-344-7233  
STATEWIDE (DIG SAFE)

**KANSAS ONE-CALL INC.**

KANSAS CALL BEFORE YOU DIG:  
1-800-DIG-SAFE (1-800-344-7233)

REV. NO.	DATE	DESCRIPTION
1	10/23/14	PPW DETAIL

PPW DETAILS

COSTCO WHOLESALE WAREHOUSE & GASOLINE  
EAST KELLOGG AVENUE & WEBB RD  
WICHITA, KANSAS

