

GENERAL NOTES

- ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER. APPROVAL OF THESE PLANS BY THE CITY OF AUSTIN DOES NOT REMOVE THESE RESPONSIBILITIES.
- "REVIEWED BY AUSTIN WATER" APPLIES ONLY TO AW PUBLIC FACILITIES. ALL OTHER WATER AND WASTEWATER FACILITIES INSIDE PRIVATE PROPERTY ARE UNDER THE JURISDICTION OF BUILDING INSPECTIONS.
- Use of Electronic Files General Disclaimer: Use of the attached files in any manner indicates your acceptance of terms and conditions as set forth below. If you do not agree to all of the terms and conditions, please contact Austin Water Pipeline Engineering, project coordinator prior to use of the referenced information. Please be advised that the attached files are in a format that can be altered by the user. Due to this fact, any reuse of the data will be at the user's sole risk without liability or legal exposure to the City of Austin and user shall indemnify and hold harmless the City of Austin from all claims, damages, losses and expenses including attorney's fees arising out of or resulting from using the digital file. In addition, it is the responsibility of the user to compare all data with the PDF version of this drawing. In the event there is a conflict there is a conflict between the PDF version drawing and the electronic file, the PDF version drawing shall prevail.
- Automated Metering Infrastructure: Effective March 2022, new water meters installed shall be in conformance with AW's automated metering infrastructure technology, and with the applicable standard products list. Applicants filing a site plan or subdivision plan will be required to coordinate with the Austin Water Plan Reviewer for details on approval and installation.
- Prior to the handling and disposal of Asbestos Pipe, the Contractor's work plans will be reviewed and coordinated through Austin Water's Asbestos Program Manager who can be reached at 512-972-0915. It is the Contractor's responsibility to utilize a trained, certified, and licensed Asbestos Abatement Contractor in accordance with Federal, State, and Local regulations.
- Modifications to Austin Water signed and stamped sheets are not permitted. All design modifications will need to be submitted via the ABC portal for a Plan Correction or Revision. All unethical engineering practices, including modifying City Stamped plan sheets, shall be reported to the Texas Board of Professional Engineers and Land Surveyors (PELS).
- Reference: Texas Engineering Practice Act and Rules, Subchapter C: Professional Conduct and Ethics



AUSTIN FIRE DEPARTMENT
FIRE PREVENTION DIVISION
6310 Wilhelmina Delco Dr., Austin, Texas 78752
afd.hydrants@austintexas.gov



Hydrant Flow Test Report

TEST DATE	08/24/2023	FIRE BOX	3703	COMPANY	PREVENTION
TIME	930 HRS	MAP GRID ID	A20	AFD STAFF	BALOGH, RANDY
RESIDUAL HYDRANT					
RESIDUAL HYDRANT #		226269	MAIN SIZE (in.)		16
BLK #	DIRECTION	STREET NAME			TYPE
6800		COVERED BRIDGE			DR
STATIC PRESSURE (PSI)		126	RESIDUAL PRESSURE (PSI)		112
FLOW HYDRANT					
FLOW HYDRANT #		226282	MAIN SIZE (in.)		16
BLK #	DIRECTION	STREET NAME			TYPE
6900		COVERED BRIDGE			DR
STATIC PRESSURE (PSI)		126	RESIDUAL PRESSURE (PSI)		120
Comments		dc = discharge coefficient straight 2½" butt = 0.9 w/ 45° elbow = 0.75			0.75
		FLOW RATE (GPM) =			1531
NOTE: This information represents the water supply characteristics in the immediate area on the date and time tested. The City of Austin does not guarantee this data will be representative of the water supply characteristics at any time in the future. It is the requesting party's responsibility to ensure that this test information is appropriate to the location of the project in question and that any differences in elevation between the test location and project are accounted for and included in the hydraulic calculations.					

HFTR #17120394

PROJECT INFORMATION

FIRE, DOMESTIC AND IRRIGATION DEMAND DATA

GRID NUMBER:	A20
MAPSCO NUMBER:	611K
AW INTERSECTION NUMBER:	26517
BUILDING SIZE IN SQUARE FEET:	EXISTING: 920 SQ FT
BUILDING TYPE PER IFC:	EXISTING: TYPE V-B, NOT SPRINKLERED
BUILDING HEIGHT:	EXISTING: 18'-6"
AVAILABLE FIRE FLOW CALCS AT 20 PSI	4568 GPM
REQUIRED BUILDING FIRE FLOW PER IFC TABLE B105.1(2):	EXISTING: 1,500 GPM FOR 2 HOURS
REDUCED FIRE FLOW PER ____% FIRE SPRINKLER REDUCTION PER IFC TABLE B105.2:	N/A
MINIMUM FIRE FLOW (SEE NOTE #2 BELOW):	N/A
DOMESTIC WATER DEMAND IN GPM:	N/A
WATER SUPPLY FIXTURE UNITS (WSFU) FLUSH TANKS OR FLUSHMETERS (CIRCLE APPLICABLE ITEM):	N/A
AUSTIN WATER PRESSURE ZONE:	SOUTHWEST C
STATIC WATER PRESSURE IN PSI:	126
STATIC PRESSURE AT THE HIGHEST LOT SERVED IN PSI:	N/A
STATIC PRESSURE AT THE LOWEST LOT SERVED IN PSI:	N/A
MAXIMUM IRRIGATION DEMAND:	N/A
FIRE LINE VELOCITY: 10" SIZE OF FIRE LINE:	N/A
DOMESTIC LINE VELOCITY: ____ SIZE OF DOMESTIC LINE:	N/A
LIVING UNIT EQUIVALENTS (LUEs):	N/A
NOTE: LOTS WITH 65 PSI OR GREATER REQUIRE A PRV TO BE INSTALLED ON THE PROPERTY OWNER'S SIDE OF THE DOMESTIC WATER METER.	
1. WITH THE EXCEPTION OF PROVIDING THE REQUIRED INFORMATION, DO NOT REVISE THESE TABLES IN ANYWAY.	
2. MIN FIRE FLOW: DESIGN ENGINEER MUST INDICATE VALUES WHICH COMPLY WITH THE IFC TABLES B105.1(2) OR 105.2 (REQUIRED OR REDUCED FIRE FLOWS). MIN FIRE FLOW VALUE SHALL BE NO LESS THAN 1000 GPM FOR NFPA 13 SYSTEMS OR 1500 GPM FOR NFPA 13R SYSTEMS (FCOTNOTES a and b FOR TABLE B105.2).	
3. IF DEMAND, OTHER THAN MINIMUM FIRE FLOW, IS UTILIZED IN FIRE FLNE VELOCITY DETERMINATION, ENGINEERING JUSTIFICATION SHALL BE SHOWN ON THIS SHEET WITH APPLICABLE DATA AND CALCULATIONS.	

METER NOTICE:

METER 1.5 INCHES AND LARGER MUST BE PURCHASED AND ORDERED 90 DAYS IN ADVANCE OF INSTALLATION.

METER(S) REQUIREMENT FOR PROJECT:

ADDRESS:

PROPOSED USE: N/A - NO NEW METER REQUESTS

TYPE:

SIZE: GPM RANGE:

SERVICE UNITS:

METER(S) REQUIREMENT FOR PROJECT:

ADDRESS:

PROPOSED USE: N/A - NO NEW METER REQUESTS

TYPE:

SIZE: GPM RANGE:

SERVICE UNITS:

METER(S) REQUIREMENT FOR PROJECT:

ADDRESS:

PROPOSED USE: N/A - NO NEW METER REQUESTS

TYPE:

SIZE: GPM RANGE:

SERVICE UNITS:

METER(S) REQUIREMENT FOR PROJECT:

ADDRESS:

PROPOSED USE: N/A - NO NEW METER REQUESTS

TYPE:

SIZE: GPM RANGE:

SERVICE UNITS:



COVERED BRIDGE
AMENITY CENTER

AUSTIN WATER GENERAL INFORMATION AND
CONSTRUCTION NOTES FOR COMMERCIAL SITES AND
SUBDIVISION PLANS

ADDITIONAL REVIEW ACKNOWLEDGEMENT

ONSITE WATER & AW RECLAIMED INFORMATION

DOES THIS DEVELOPMENT HAVE A TOTAL GROSS FLOOR BUILDING AREA OF 2250,00 SQUARE FEET OR MORE?

☐ YES
☒ NO

DISTANCE TO NEAREST EXISTING AW RECLAIMED MAIN?

☐ 250' OR LESS
☐ 251' TO 500'
☒ GREATER THAN 500'

AUTOMATED METERING INFORMATION

IS THIS PROJECT WITHIN THE CURRENT SERVICE AREA OF AW'S DATA COLLECTION UNITS (DCUS)?

☒ YES
☐ NO

DOES THIS PROJECT REQUIRE A DEDICATED EASEMENT FOR DCU INFRASTRUCTURE?

☐ YES
☒ NO

AULCC REQUIREMENT

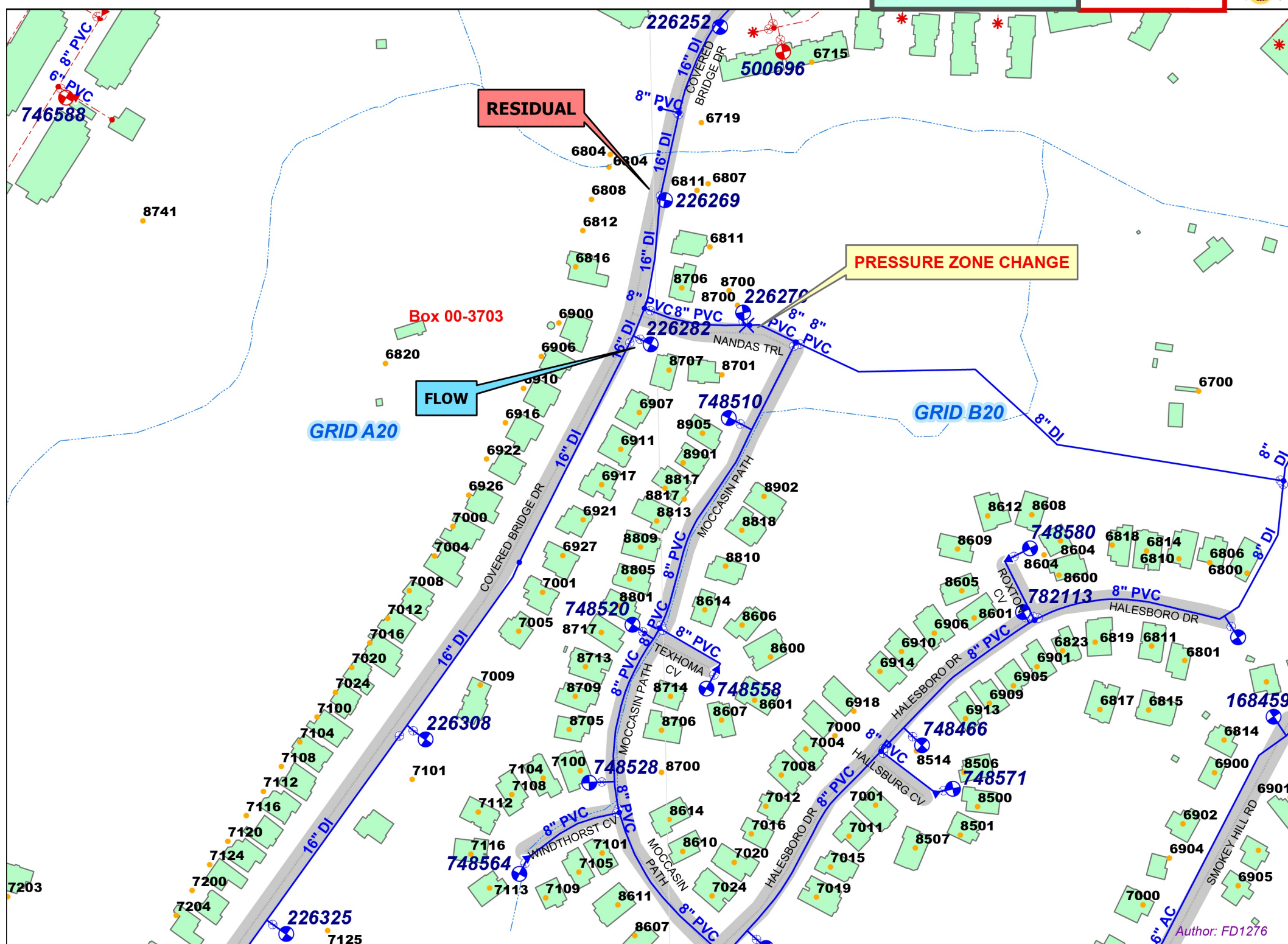
DOES THIS PROJECT REQUIRE AN AULCC REVIEW?

☐ YES
☒ NO

IF YES, PLEASE PROVIDE UCC# N/A

6900 BLK COVERED BRIDGE DR...BOX 3703

REF# 17081655 08/09/2023



AW INFRASTRUCTURE INFORMATION

PROPOSED PRODUCT TYPE (TO BE INSTALLED)	LENGTH OF PIPE (L.F.)	SIZE OF PIPE (INCH)	NO. OF SERVICES
WATER MAIN	N/A	N/A	N/A
WASTEWATER MAIN	N/A	N/A	N/A
RECLAIMED WATER MAIN	N/A	N/A	N/A
WATER SERVICE	N/A	N/A	N/A
WASTEWATER SERVICE	N/A	N/A	N/A
RECLAIMED WATER SERVICE	N/A	N/A	N/A

EXPAND OR REDUCE TABLE AS NEEDED*
THE INFORMATION INCLUDED IN THIS TABLE ARE APPROXIMATE VALUES ESTIMATED BASED ON GENERAL ENGINEERING GUIDELINES

INSPECTION NOTES

Please contact Development Services Department, Site and Subdivision Inspection at sitesubintake@austintexas.gov for arrangements for payments of inspection fees and job assignment for inspection of the public utilities to this site. Inspection fees must be paid before any Pre-Construction meeting can be held.

STANDARD CONSTRUCTION NOTES

OCTOBER 1, 2021

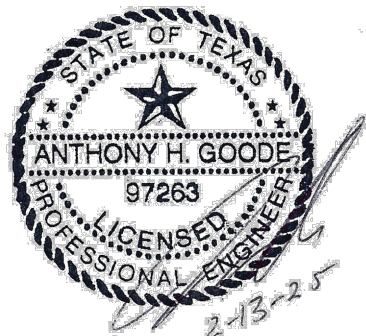
- THE CITY STANDARD CONSTRUCTION SPECIFICATIONS CURRENT AT THE TIME OF BIDDING SHALL COVER MATERIALS AND METHODS USED TO DO THIS WORK.
- CONTRACTOR MUST OBTAIN A STREET CUT PERMIT FROM AUSTIN TRANSPORTATION DEPARTMENT, RIGHT OF WAY MANAGEMENT DIVISION BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY. ACTIVITY WITHIN RIGHT-OF-WAY SHALL COMPLY WITH APPROVED TCP.
- AT LEAST 48 HOURS BEFORE BEGINNING ANY UTILITY CONSTRUCTION ACTIVITY IN PUBLIC R.O.W. OR PUBLIC EASEMENT, THE CONTRACTOR SHALL NOTIFY THE APPLICABLE CITY OF AUSTIN INSPECTION GROUP (AUSTIN TRANSPORTATION INSPECTION, DEVELOPMENT SERVICES DEPARTMENT, OR PUBLIC WORKS). SEE CURRENT NOTIFICATION REQUIREMENTS AT WWW.AUSTINTXAS.GOV.
- THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES TO BE EXTENDED, TIED TO, OR ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS. THE CITY OF AUSTIN WATER AND WASTEWATER MAINTENANCE RESPONSIBILITY ENDS AT R.O.W./EASEMENT LINES.
- NO OTHER UTILITY SERVICE/APURTENANCES SHALL BE PLACED NEAR THE PROPERTY LINE OR OTHER ASSIGNED LOCATION DESIGNATED FOR WATER AND WASTEWATER UTILITY SERVICE THAT WOULD INTERFERE WITH THE WATER AND WASTEWATER SERVICES.
- MINIMUM TRENCH SAFETY MEASURES SHALL BE PROVIDED, AS REQUIRED BY OSHA, CITY SPECIFICATION 509S, AND CITY/COUNTY CONSTRUCTION INSPECTORS.
- ALL MATERIALS TESTS ORDERED BY THE OWNER FOR QUALITY ASSURANCE PURPOSES, SHALL BE CONDUCTED BY AN INDEPENDENT LABORATORY AND FUNDED BY THE OWNER IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 1804S.04.
- PRESSURE TAPS SHALL BE ALLOWED ON A CASE BY CASE BASIS, AS DETERMINED BY THE DIRECTOR'S DESIGNEE. NORMALLY PRESSURE TAPS 4 INCHES AND LARGER SHALL BE ALLOWED IN THE FOLLOWING CASES: A) A TEST SHUT OUT INDICATES AN ADEQUATE SHUT OUT TO PERFORM THE WORK IS NOT FEASIBLE B) MORE THAN 30 CUSTOMERS OR A SINGLE CRITICAL CUSTOMER (AS DEFINED BY AUSTIN WATER) WOULD BE IMPACTED BY THE SHUT OUT OR C) THE EXISTING WATER LINE WARRANTS IT.
- WATER LINE TESTING AND STERILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEMS 510.3 (27)-(29). FORCE MAIN PRESSURE TESTING SHALL BE CONDUCTED AND FALL UNDER THE SPECIFICATIONS AS WATER LINES (PRESSURE PIPE) OR AT THE PRESSURES SHOWN ON THE APPROVED PLANS.
- ALL MATERIAL USED ON THIS PROJECT MUST BE LISTED ON THE STANDARD PRODUCTS LISTING. ANY MATERIAL NOT LISTED HAS TO GO THROUGH THE REVIEW OF THE STANDARDS COMMITTEE FOR REVIEW AND APPROVAL PRIOR 10 START OF PROJECT. TESTING AND EVALUATION OF PRODUCTS ARE REQUIRED BEFORE APPROVAL WILL BE GIVEN ANY CONSIDERATION.
- WHEN WATER SERVICES ARE DAMAGED AND THE SERVICE MATERIAL IS POLYETHYLENE (PE), THE LINE SHALL BE REPAIRED ONLY BY HEAT FUSION WELD, AT BRASS FITTINGS, OR THE FULL LENGTH SHALL BE REPLACED PER CURRENT STANDARD DETAIL(S). WHEN POLYBUTYLENE (PB) TUBING IS DAMAGED OR TAMPERED WITH IN ANY WAY, THE FULL LENGTH OF SERVICE LINE SHALL BE REPLACED. (NOTE: FULL LENGTH IS FROM THE CORPORATION STOP TO THE METER). REPAIR COUPLINGS ARE NOT ALLOWED FOR ANY WATER OR WASTEWATER SERVICE LINE REPAIR, RECONNECT, OR REPLACEMENT.
- WHEN ANY EXISTING WATERLINE SHUT OUT IS NECESSARY AND POSSIBLE, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR WHO WILL THEN NOTIFY AUSTIN WATER DISPATCH AND THE AFFECTED CUSTOMERS A MINIMUM OF FORTY-EIGHT (48) HOURS IN ADVANCE.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR SO THAT HE CAN NOTIFY THE AUSTIN WATER AT 972-0000 AT A MINIMUM OF 72 HOURS PRIOR TO RELOCATING ANY DOMESTIC OR FIRE DEMAND WATER METERS.
- THE CONTRACTOR SHALL CAREFULLY REMOVE ALL METERS AND METERS BOXES THAT ARE INDICATED TO BE RELOCATED OR SALVAGED, THE CONTRACTOR SHALL INSTALL THE REMOVED METER OR CITY PROVIDED METER AT THE NEW LOCATION INDICATED ON THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL LOCATIONS OF EXISTING UTILITIES, BELOW GROUND AND OVERHEAD, PRIOR TO STARTING ONSITE UTILITY WORK.
- ALL WATER, WASTEWATER, AND RECLAIMED MAINS SHALL BE INSTALLED IN ACCORDANCE WITH THE SEPARATION DISTANCES INDICATED ON THE PLANS, PER UTILITY CRITERIA MANUAL AND TCEQ CHAPTERS 210, 217, AND 290.
- PROJECT SPECIFIC SHOP DRAWINGS SHALL BE SUBMITTED FOR AW APPROVAL FOR PRE-CAST CIRCULAR VERTICAL MANHOLE SECTIONS LARGER THAN 48" DIAMETER. THE SHOP DRAWINGS SHALL INCLUDE THE FLOWLINE ELEVATION OF ALL CONNECTING PIPES; ELEVATIONS OF TRANSITIONS FROM LARGE DIAMETER SECTIONS TO 48" DIAMETER SECTIONS; TOP OF MANHOLE AND SURROUNDING GROUND ELEVATION; AND DETAILS OF SPECIAL CONSTRUCTION CONSIDERATIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
- WHEN CONCRETE MANHOLES LARGER THAN 48 INCH DIAMETER ARE USED, DRAWINGS THAT ARE SEALED BY A PROFESSIONAL ENGINEER SHALL BE SUBMITTED FOR BASE SLAB, FLAT TOP LIDS (IF USED), AND FLAT TYPE CONCRETE PIECES USED TO TRANSITION FROM LARGER TO SMALLER DIAMETER MANHOLE SECTIONS.
- ALL FIRE HYDRANTS AND VALVES THAT ARE TO BE ABANDONED SHALL BE REMOVED, SALVAGED AND RETURNED TO AUSTIN WATER. NOTICE SHOULD BE GIVEN 48 HOURS PRIOR, TO PIPELINE OPERATIONS DISTRIBUTION SYSTEM, VALVES AND HYDRANT SERVICES SUPERVISOR AT 512-972-1280.
- ALL EXISTING WATER METERS IDENTIFIED TO BE RELOCATED OR ABANDONED AT THE DEVELOPMENT, SHALL BE REMOVED FROM THE METER BOX PRIOR TO CONSTRUCTION AND GIVEN IMMEDIATELY TO THE CITY OF AUSTIN INSPECTOR.
- THE ENGINEER SHALL CALL OUT THE SIZE, TYPE AND USE (DOMESTIC OR IRRIGATION) OF ALL EXISTING WATER METERS TO BE RELOCATED OR REPURPOSED. WATER METER NUMBERS WILL NOT BE REQUIRED TO BE PLACED ON THE PLAN SHEET. A SEPARATE AUSTIN WATER TAPS OFFICE FORM WILL BE USED TO PROVIDE RELEVANT DATA FOR THE EXISTING INFORMATION ON EXISTING METERS TO RECEIVE APPROPRIATE CREDITS. THIS FORM SHALL BE DIRECTLY SUBMITTED TO AUSTIN WATER TAPS OFFICE FOR REVIEW AND PROCESSING.
- NO CONNECTION MAY BE MADE BETWEEN THE PRIVATE PLUMBING AND AUSTIN WATER INFRASTRUCTURE UNTIL A CITY APPROVED WATER METER HAS BEEN INSTALLED.
- METER BOXES AND CLEAN OUTS SHALL NOT BE LOCATED WITHIN PAVED AREAS SUCH AS DRIVEWAYS AND SIDEWALKS.

AUSTIN WATER REVIEW BLOCK

AW EXPIRATION STAMP
THREE YEARS FROM THE
DATE OF SIGN-OFF

DATE	08-05-2024
PROJECT ADDRESS	6820 COVERED BRIDGE DR.
DESIGNED BY	RDP
CHECKED BY	SDK

REVISIONS	NO.	DESCRIPTION	APPROVAL
	1.		
	2.		
	3.		
	4.		
	5.		
	6.		



AW 3 OF 13