

City Engineering 333 S. Meridian Puyallup, WA 98371 Tel: (253) 864-4165

Fax: (253) 840-6678

PLAN CHANGE REQUEST

	DATE: _	05-17	7-2022		PERMIT NO:/REF N	O: <u>E-20-0052-1</u>			
1.	PROJEC	T: _	HAMPTON INN	ADDITION	ADDR	ESS: 1515 S. ME	RIDIAN	AVE., PUYAL	LUP, WA
2.	OWNER	t:V	ictor Sung			EMAIL: victor@	sung.st	udio	
3.	DESIGN	I ENC	GINEER: Chris	Jensen, P.E.		EMAIL: cjenser	n@bargh	nausen.com	
4.	CONTR	ACT(OR: Manda C	atterlin		EMAIL: manda	@baldw	ringeneral.co	om
5.	ORIGIN [] OWN		R OF REQUES [] DESIGN		[] CONTRACTOR	⊘ CITY OF	PUYAL	LUP	
6.	DOES T	HIS F	REQUEST REC	QUIRE A DEVI	ATION FROM AN E	XISTING CITY	STAND	ARD? [] `	YES 🖍 NO
7.			ASE SUBMIT A ON (AMR).	AN ALTERNA	TIVE METHODS FO	R CONSTRUCT	ION MA	ATERIALS F	REQUEST
8.	IF NO, P	'LEA	SE COMPLET	E THE FOLLO	WING:				
9.	APPROV	VED (CIVIL PLAN S	SHEET NUMBI	ERS AFFECTED: C5	.0			
10.	WHAT I				VELOPMENT INFRA				
11.	DESCRI	ВЕТ	HE CHANGE	BEING REQUI	ESTED: (ATTACH A	DDITIONAL INI	FORMA	TION AS N	ECESSARY)
					ere with existing PSE ເ				
				ttings have bee	n updated. Replaced p	pavement has bee	en upda	ted to accou	nt ———
fo	r new limi	ts of v	work.						
12.	FINAL A APPROV PRIOR T APPROV	APPR VED/I ΓΟ AI VED I	OVAL/DENIA DENIED PRIC	AL WILL BE M OR TO ANY WO AT THE RISK (PROCESS THIS REQ ADE BY THE CITY ORK ON REQUESTE OF THE DEVELOPE	ENGINEER. AL ED CHANGES. A	L CHAN ANY WO R AND	NGES WILL ORK COMP	BE FULLY LETED BE
	Victor S		 R	- –	DESIGN ENGIN	EER		–284786C44F754 CONTI	
	DocuSigned b				DocuSigned by:				
	Michael BC804847692	Rosen E465	au 		Jamie Carter				
CITY INSPECTOR			CITY REVIEWEI	₹	APPR	OVED /	DENIED		
							5/2	LO/2023	
								May 17, 202	2
								DATE	

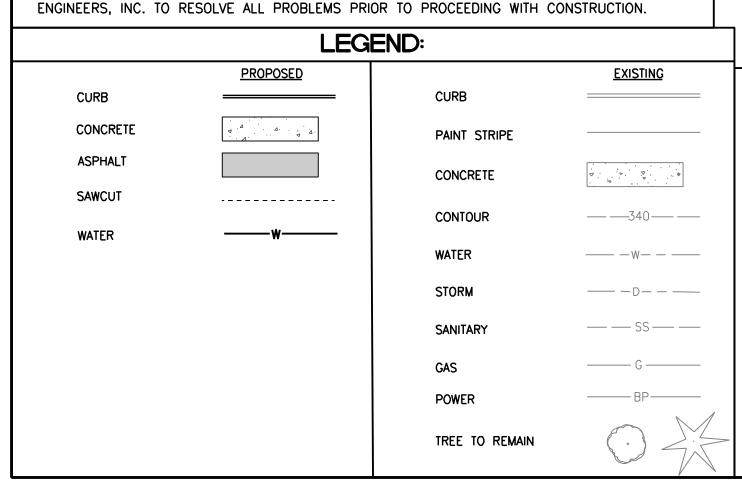
- THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION
- 2. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. BARGHAUSEN CONSULTING ENGINEERS, INC. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC., TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALI CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
- INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE GOVERNING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE ONE WEEK MIN. ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED.
- 10. PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
- 11. TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO BARGHAUSEN CONSULTING ENGINEERS, INC. AT COMPLETION OF
- 12. CONTRACTOR SHALL OBTAIN SERVICES OF A LICENSED LAND SURVEYOR TO STAKE HORIZONTAL CONTROL FOR ALL NEW IMPROVEMENTS. STAKING CONTROL SHALL BE TAKEN FROM ELECTRONIC PLAN FILES PROVIDED BY BARGHAUSEN CONSULTING ENGINEERS INC..
- 13. CONTRACTOR SHALL REQUEST FROM BARGHAUSEN CONSULTING ENGINEERS INC., PRIOR TO ANY CONSTRUCTION STAKING OR CONSTRUCTION WORK, A FORMAL CONSTRUCTION RELEASE PLAN SET OR SPECIFIC RELEASE IN WRITING. THE APPROVED AGENCY PERMIT DRAWINGS WILL NOT BE CONSIDERED CONSTRUCTION RELEASE PLANS BY BARGHAUSEN CONSULTING ENGINEERS, INC. UNLESS BARGHAUSEN CONSULTING ENGINEERS, INC. HAS GIVEN A FORMAL WRITTEN RELEASE OR ISSUED A CONSTRUCTION RELEASE PLAN SET.

SITE PLAN DISCLAIMER:

THIS FIRE SERVICE PLAN IS SUPPLEMENTARY TO A PERMITTED PLAN SET BY HUITT-ZOLLARS, INC. BARGHAUSEN CONSULTING ENGINNERS. INC. HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE FIRE SERVICE PLAN HAS BEEN BASED ON THE ABOVE REFERENCED DESIGN.

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING





SCALE: 1"=10'

TO INSTALL WATER LINES

TIEBACKS FOR SOLDIER PILE WALLS PER SEPARATE PLANS, TYP

CONTRACTOR SHALL FIELD LOCATE ALL MONUMENTS WITHIN THE AREA OF DISTURBANCE PRIOR TO

CONTRACTOR SHALL NOTIFY THE LOCAL JURISDICTION HAVING AUTHORITY (RCW 58.24.040) AND BE

FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF

NATURAL RESOURCES PRIOR TO DISTURBANCE, DESTRUCTION, OR RELOCATION (WAC 332-120).

APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR AND MAY BE OBTAINED

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED THAT

ARE ABLE TO BE REPLACED, SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE COST

AND AT THE DIRECTION OF THE CONTRACTOR PURSUANT TO THESE REGULATIONS. THE APPROPRIATE

FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE

IF IT IS NECESSARY TO REMOVE OR REPLACE A MONUMENT DURING CONSTRUCTION, THE

CONSTRUCTION AND PROTECT FROM DISTURBANCE/DESTRUCTION TO THE MAXIMUM EXTENT FEASIBLE.

SOLDIER PILE WALLS PER SEPARATE PLANS, TYP.

MONUMENT PROTECTION NOTE:

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES

PUBLIC LAND SURVEY OFFICE

P.O. BOX 47060

206-902-1190

CONTRACTOR.

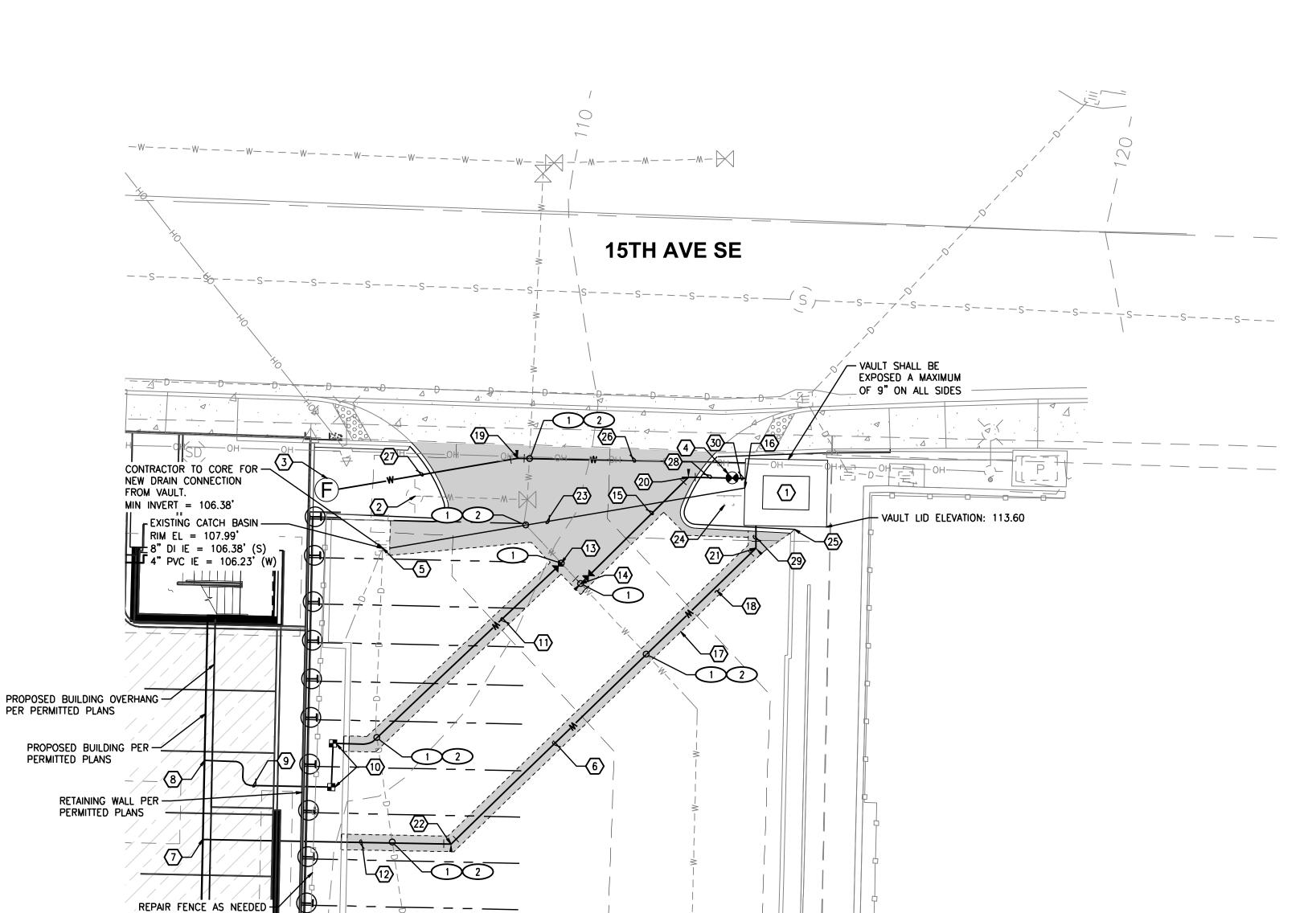
1111 WASHINGTON STREET S.E.

OLYMPIA, WASHINGTON 98504-7060

FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES:

PUYALLUP HAMPTON INN ADDITION

A PORTION OF THE NW 1/4 OF THE SW 1/4 OF SECTION 34, TOWNSHIP 20 N, RANGE 04 E, W.M., PIERCY COUNTY, WA PUYALLUP, WA 98371



OWNER

PVI, LLC 11010 NE 8TH ST SUITE 465 BELLEVUE, WA 98444 TEL: (626) 200-5019 CONTACT: VICTOR SUNG

EXISTING 20' WATER EASEMENT REC. NO. 201110110170

ARCHITECT

AUSTINCINA ARCHITECTS 12202 PACIFIC AVE, SUITE C TACOMA, WA 98444 TEL: (253) 531-4300 CONTACT: NEITHA WILKEY

ENGINEER

BARGHAUSEN CONSULTING ENGINEERS, INC. 18215 72ND AVE. SOUTH KENT, WA 98032 TEL: (425) 251-6222 FAX: (425) 251-8782 CONTACT: CHRIS JENSEN, P.E.

SURVEYOR

INFORMED LAND SURVEY PO BOX 5137 TACOMA, WA 98414 TEL: (253) 627-2070 CONTACT: EVAN WAHLSTROM



WATER NOTES:

1. INSTALL:

WATER VAULT WITH TRAFFIC RATED LID PER OLD CASTLE VAULT DETAIL SHEET 2. VAULT TO MEET MINIMUM REQUIREMENTS PER CITY OF PUYALLUP DETAIL 03.11.01, SHEET 2. PROVIDE 4" DOUBLE CHECK VALVE ASSEMBLY PER CITY OF PUYALLUP DETAIL 03.10.01-1 AND 03.10.01-2, SHEET 3. CONTRACTOR TO FIELD VERIFY FEASIBILITY OF GRAVITY DRAINAGE AND PROVIDE SUMP PUMP PER CITY DETAIL IF NECESSARY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING POWER TO THE VAULT AND OBTAINING ANY NECESSARY ELECTRICAL PERMITS.

2. EXISTING FIRE HYDRANT TO REMAIN.

3. FIRE DEPARTMENT CONNECTION PER CITY OF PUYALLUP DETAIL 03.10.02, SHEET 2. MINIMUM DISTANCE FROM HYDRANT SHALL BE 10', MAXIMUM 15'. CONTRACTOR TO CONFIRM IN FIELD.

4. INSTALL POST INDICATOR VALVE PER CITY OF PUYALLUP DETAIL 03.10.03, SHEET 3. 5. CONNECT VAULT DRAIN TO STORM STRUCTURE.

6. INSTALL: 55 LF 4" CL52 DI WATER LINE.

7. 4" FIRE SUPPRESSION CONNECTION TO BUILDING. SEE PLUMBING PLANS.

8. 2" DOMESTIC WATER CONNECTION TO BUILDING. SEE PLUMBING PLANS.

9. 21 LF 2" DOMESTIC WATER LINE. INSTALL DUCTILE IRON SLEEVING WHERE LINE CROSSES UNDER RETAINING WALL. 10. INSTALL:

2" METER PER CITY OF PUYALLUP DETAIL 03.03.02, SHEET 2. DCVA PER CITY OF PUYALLUP DETAIL 03.04.01, SHEET 3.

11. INSTALL: 40 LF 2" DOMESTIC WATER LINE.

12. INSTALL: 16 LF 4" CL52 DI PIPE. 13. INSTALL:

1-8"X2" SADDLE STRAP

1-2" GATE VALVE (FLXMJ) 14. INSTALL:

1-8"X4" TAPPING TEE (FL)

1-4" GATE VALVE (FLXMJ) 15. INSTALL: 20 LF 4" CL52 DI WATER LINE.

16. INSTALL: GRAVITY DRAIN CONNECTION TO VAULT. CONTRACTOR TO INSTALL SUMP PUMP IF FIELD REQUIRES. CONTRACTOR TO PROVIDE ELECTRICAL FOR SUMP IF REQUIRED.

17. SAWCUT LINE, TYP.

18. REPLACE EXISTING ASPHALT PER CITY OF PUYALLUP DETAIL 01.01.20. SHEET 3. BEDDING AND BACKFILL FOR WATER LINE PER CITY OF PUYALLUP DETAIL 06.01.01, SHEET 3. 19. INSTALL: 11.25° BEND (RJ) W/THRUST BLOCKING.

20. INSTALL: 45° BEND (RJ) W/THRUST BLOCKING.

21. INSTALL: 45° BEND (RJ) W/THRUST BLOCKING.

22. INSTALL: 45° BEND (RJ) W/THRUST BLOCKING. 23. 46 LF 4" PVC SDR-35 DRAIN PIPE.

24. EXISTING SIGN TO REMAIN.

25. REPLACE CURB IN KIND AS NEEDED TO CONSTRUCT NEW VAULT

26. INSTALL: 27 LF 4" CL52 DI PIPE TO FDC.

27. INSTALL: 24 LF 4" CL52 DI PIPE TO FDC.

28. INSTALL: 5 LF 4" CL52 DI WATER LINE. 29. INSTALL: 3 LF 4" CL52 DI WATER LINE.

30. INSTALL: 1 LF 4" CL52 DI WATER LINE.

FITTINGS AND THRUST BLOCK NOTE:

ALL FITTINGS AND THRUST BLOCKS SHALL BE PER CITY OF PUYALLUP REQUIREMENTS. DETAILS ARE PROVIDED ON SHEETS 2 AND 3 FOR REFERENCE

UTILITY POTHOLING NOTE:

1. THE CIRCLED LOCATIONS ARE REQUIRED TO BE POTHOLED TO VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING UTILITY AND/OR POTENTIAL CONFLICTS WITH EX. UTILITIES. POTHOLING SHOULD OCCUR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. OF ANY CONFLICTS.

CONTRACTOR TO PROVIDE A MINIMUM OF 1.5' VERTICAL SEPARATION BETWEEN ALL UTILITIES WHERE POSSIBLE. CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. OF ANY CONFLICTS.

PCR001 E-20-0052

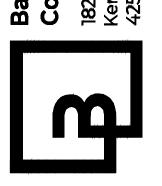
2023-05-10

5/10/2023

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TON INN ADDITION S. MERIDIAN AVE. ALLUP, WA 98371 S. AL 1515 PUY.

rghauser Insulting



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#12 LOCATE WIRE

2" POLY PIPE WATER SERVICE LINE (SEE NOTES 5 AND 6)

OFFICE

ALL MATERIALS AND FITTINGS SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.

Call before you dig.

FIRE SERVICE DETAILS

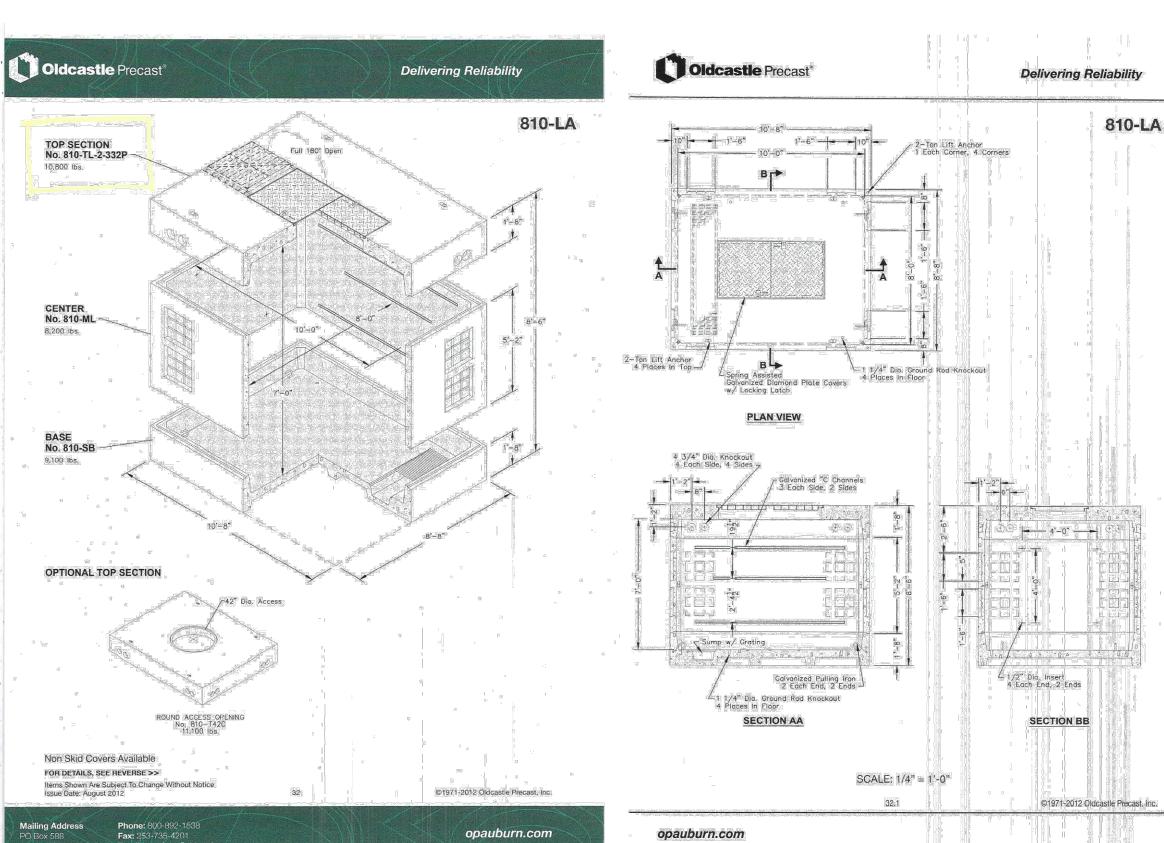
PUYALLUP HAMPTON INN ADDITION

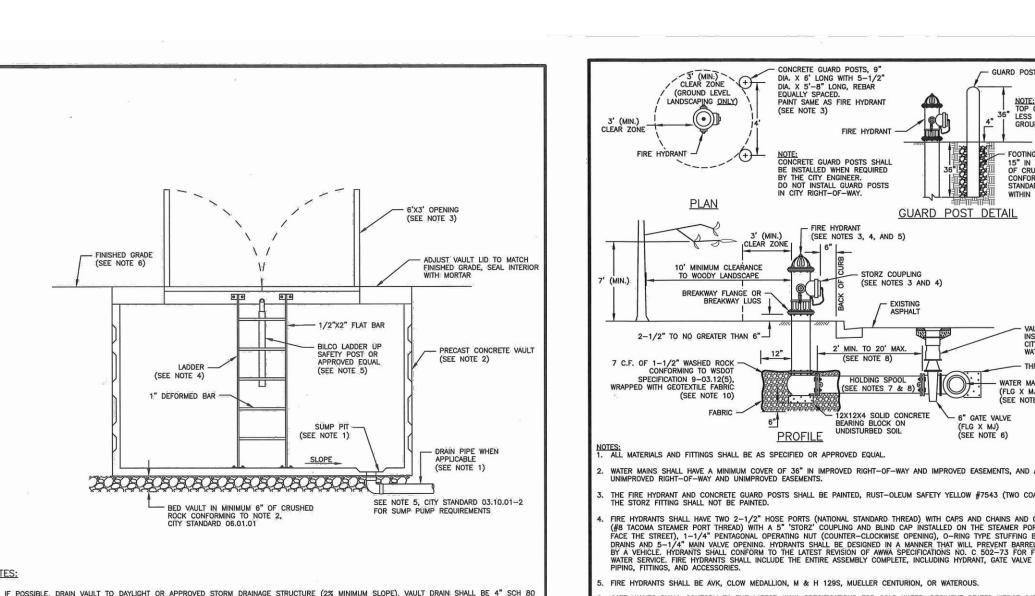
A PORTION OF THE NW 1/4 OF THE SW 1/4 OF SECTION 34, TOWNSHIP 20 N, RANGE 04 E, W.M., PIERCY COUNTY, WA PUYALLUP, WA 98371

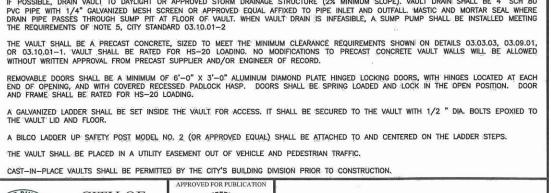
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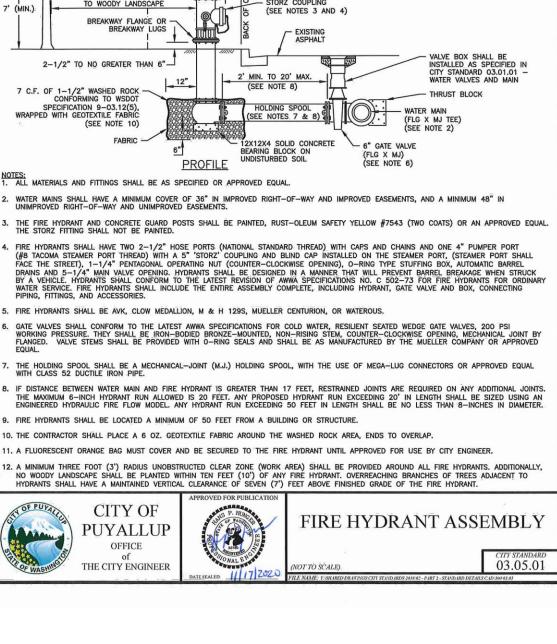
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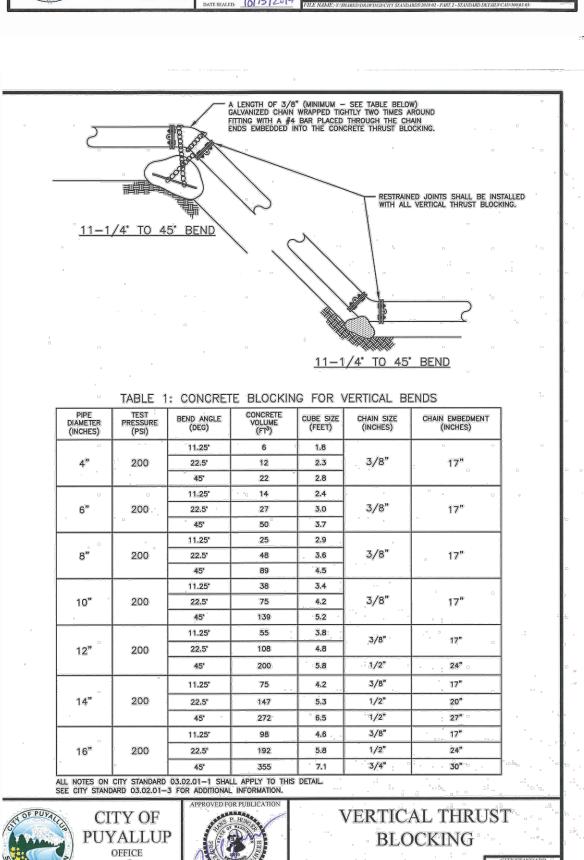






WATER VAULT DETAILS



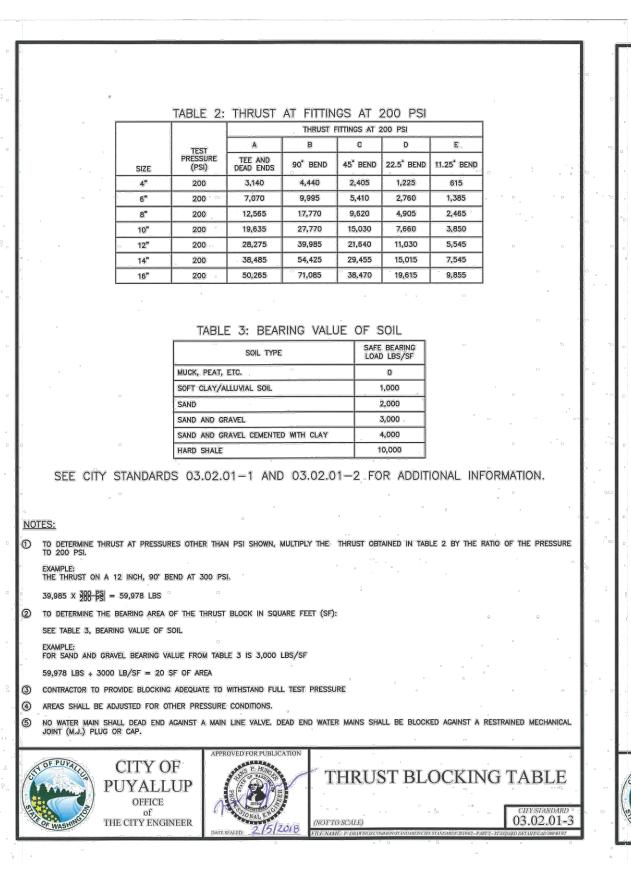


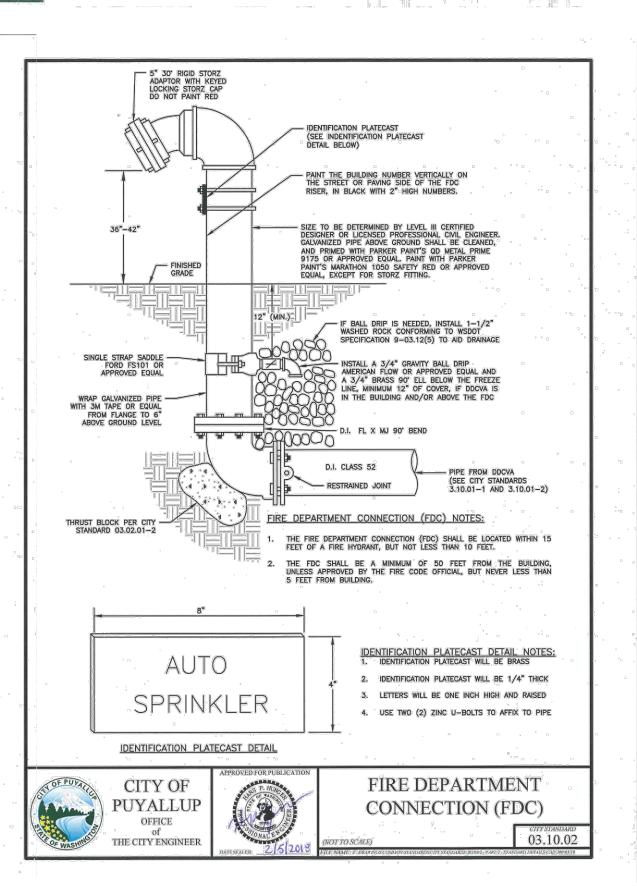
FOR A 1-1/2" WATER SERVICE, ALL MATERIAL SHALL BE 2" FROM THE WATER MAIN TO THE COPPERSETTER. REDUCE FROM 2" TO 1-1/2" IMMEDIATELY BEFORE COPPERSETTER.

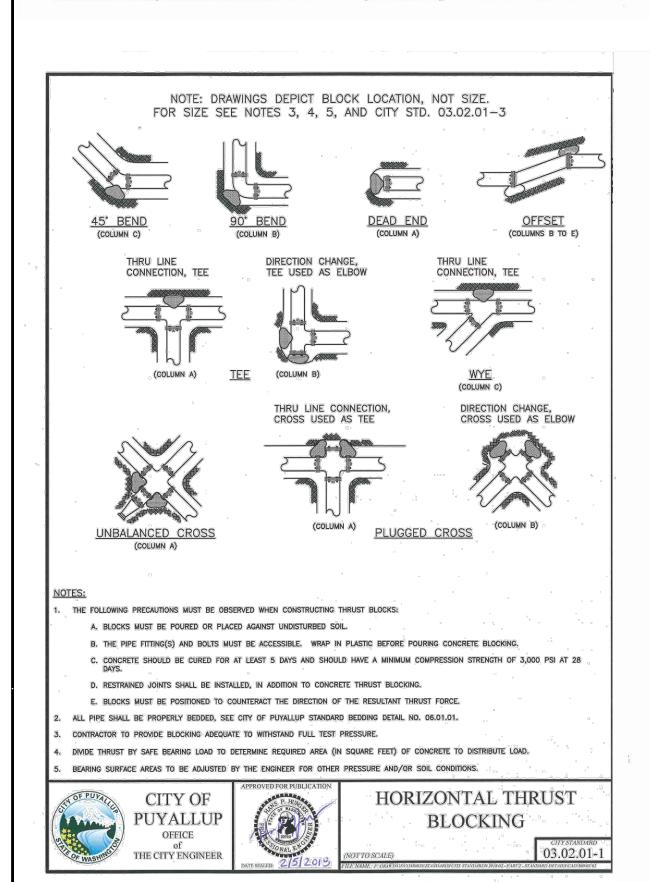
THE STAINLESS STEEL METER FLANGE BOLTS SHALL BE 5/8" DIAMETER FOR THE 1-1/2" METER, AND 3/4" DIAMETER FOR THE 2" METER.

1-1/2" AND 2"

WATER SERVICE CONNECTIO

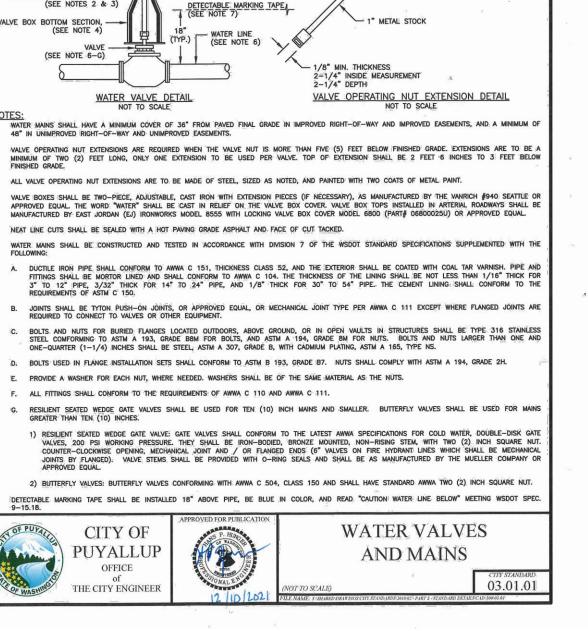






PUYALLUP

OFFICE of

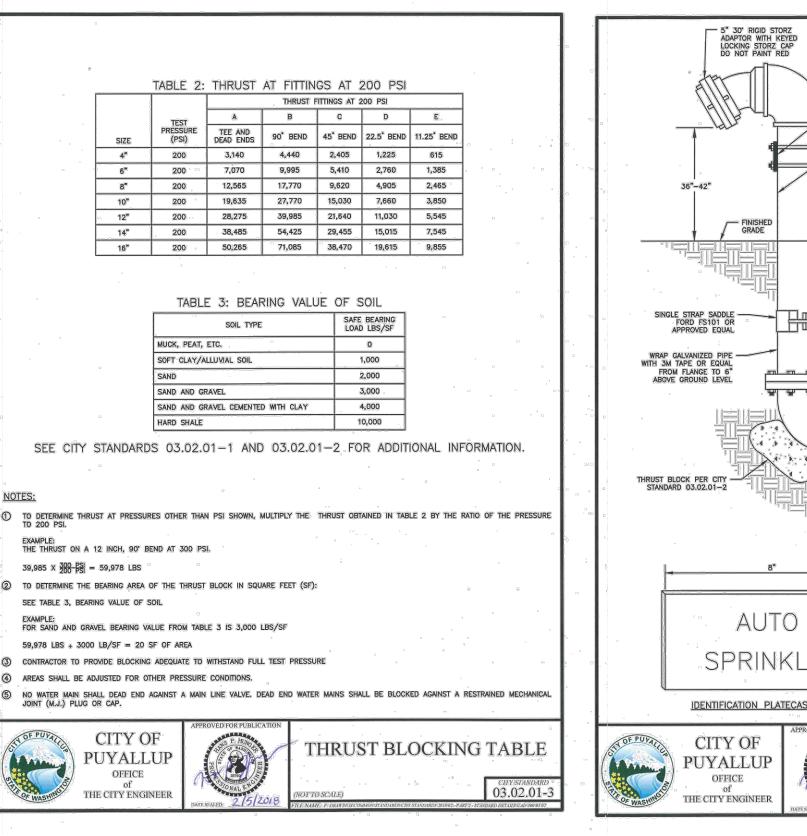


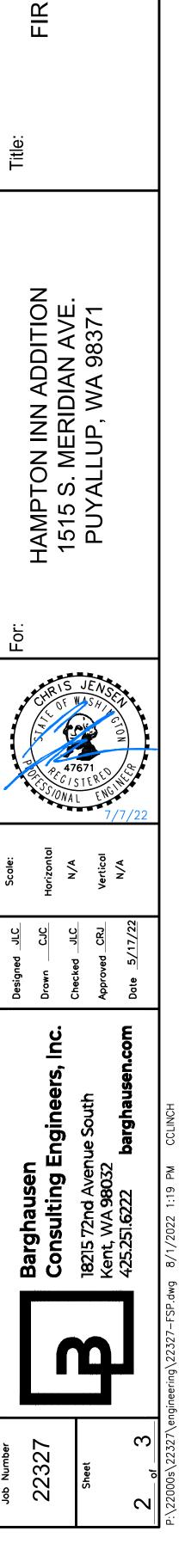
1/3 TOTAL LENGTH

HMA CL 1/2" PG 64-22

CONCRETE COLLAR -

(SEE NOTE 6-G)





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CITY OF PUYALLUP WATER SYSTEM NOTES:

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES. THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS"), OR AS DIRECTED BY FRUITLAND MUTUAL WATER COMPANY (FMWC), VALLEY WATER (VW), OR TACOMA CITY WATER (TCW) IS THE PURVEYOR.
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER, THE ENGINEERING SERVICES STAFF, AND THE FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR, PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE
- BACTERIOLOGICAL (COLIFORM AND IRON BACTERIA) TEST SAMPLES WILL BE TAKEN BY THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) AND PAID FOR BY THE CONTRACTOR, EXCEPT FOR CAPITAL IMPROVEMENT PROJECTS (CIP) WHICH SHALL BE PAID FOR BY THE CITY.
- WATER MAINS SHALL HAVE A MINIMUM COVER OF 36 INCHES FROM PAVED FINAL GRADE IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48 INCHES IN UNIMPROVED RIGHT-OFWAY AND UNIMPROVED EASEMENTS. CITY OF PUYALLUP - CITY STANDARDS WATER REVISED 11/2020 300-8
- 10. PIPE FOR WATER MAINS SHALL BE DUCTILE IRON CONFORMING TO SECTION 7-09 OF THE STANDARD SPECIFICATIONS, CLASS 52 WITH TYTON OR APPROVED EQUAL JOINTS. PIPE SHALL BE CEMENT LINED IN ACCORDANCE WITH A.S.A. SPECIFICATION A 21.4-1964.
- 11. CONNECTIONS TO EXISTING WATER MAINS TYPICALLY SHALL BE WET TAPS THROUGH A TAPPING TEE AND TAPPING VALVE AND SHALL BE MADE BY A CITY APPROVED CONTRACTOR. THE TAPPING SLEEVE SHALL BE ROMAC SST ALL STAINLESS STEEL TAPPING SLEEVE OR APPROVED EQUAL. A TWO-PIECE EPOXY COATED OR DUCTILE IRON TAPPING SLEEVE MAY BE USED ON DUCTILE IRON PIPE, WHEN THE TAP IS SMALLER THAN THE WATER MAIN SIZE I.E. 6-INCH TAP ON 8-INCH PIPE. THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) SHALL APPROVE THE TIME AND LOCATION FOR THESE CONNECTIONS.
- 12. ALL WATER MAINS AND APPURTENANCES SHALL BE HYDROSTATICALLY TESTED AT 200 PSI IN ACCORDANCE WITH STANDARD SPECIFICATION 7-09.3(23). PRESSURE TESTING SHALL NOT BE PERFORMED UNTIL SATISFACTORY PURITY SAMPLES HAVE BEEN RECEIVED. EXCEPT WHEN NEW WATER MAINS ARE INSTALLED INDEPENDENTLY FROM THE WATER SYSTEM PIPING.
- 13. FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 03.05.01 AND AS DIRECTED BY THE CITY OF PUYALLUP FIRE CODE OFFICIAL.
- 14. VALVE MARKER POSTS SHALL BE INSTALLED WHERE VALVE BOXES ARE HIDDEN FROM VIEW OR IN UNPAVED AREAS. THE INSTALLATION SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL 03.01.02.
- 15. RESILIENT SEATED WEDGE GATE VALVES SHALL BE USED FOR 10-INCH MAINS AND SMALLER. BUTTERFLY VALVES SHALL BE USED FOR MAINS GREATER THAN 10 INCHES.
- 16. PIPE FITTING FOR WATER MAINS SHALL BE DUCTILE IRON AND SHALL BE MECHANICAL JOINT CONFORMING TO AWWA SPECIFICATION C111-72.
- 17. WATER MAIN PIPE AND SERVICE CONNECTIONS SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
- 18. WHERE A WATER MAIN CROSSES THE NORTHWEST GAS PIPELINE, THE WATER LINE SHALL BE CASED WITH PVC PIPE A MINIMUM OF 10 FEET BEYOND EACH SIDE OF THE GAS LINE EASEMENT. CONTACT WILLIAMS NORTHWEST PIPELINE BEFORE THE CROSSING IS MADE.
- 19. TRENCHING, BEDDING, AND BACKFILL FOR WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 06.01.01.
- 20. ALL COMMERCIAL AND INDUSTRIAL DEVELOPMENTS, IRRIGATION SYSTEMS, AND MULTI-FAMILY WATER SERVICE CONNECTIONS SHALL BE PROTECTED BY A DOUBLE CHECK VALVE ASSEMBLY OR A REDUCED PRESSURE BACKFLOW ASSEMBLY AS DIRECTED BY THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) CONFORMING TO CITY STANDARD DETAILS 03.04.01, 03.04.02, AND 03.04.03.
- . ANY LEAD JOINT FITTING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH A MECHANICAL JOINT FITTING AT THE CONTRACTOR'S EXPENSE.
- 22. WHEN HYDRAULIC FIRE FLOW MODELING IS REQUIRED FOR A PROJECT THE CITY WILL ISSUE A PERMIT. THE HYDRAULIC MODELING CRITERIA IS BASED ON THE PROJECTED 2030 WATER DEMAND, WHILE MAINTAINING A MINIMUM SYSTEM PRESSURE OF 20 POUNDS PER SQUARE INCH AND A MAXIMUM VELOCITY OF 10 FEET PER SECOND. CITY OF PUYALLUP -CITY STANDARDS WATER REVISED 11/2020 300-9
- 23. WHEN USING A FIRE HYDRANT FOR NON-FIREFIGHTING PURPOSES, A CITY HYDRANT METER MUST BE USED. COORDINATE THE ACQUISITION OF THE HYDRANT METER WITH THE CITY'S UTILITY BILLING DIVISION AT PUYALLUP CITY HALL. A CITY APPROVED BACKFLOW PROTECTION ASSEMBLY SHALL BE INSTALLED BY THE PERSON REQUESTING USE OF A FIRE HYDRANT. THE ASSEMBLY SHALL BE ACCOMPANIED BY A CURRENT BACKFLOW ASSEMBLY TEST REPORT. THE TEST REPORT SHALL BE AVAILABLE AT THE SITE FOR THE DURATION OF THE HYDRANT USE.
- 24. SHOULD A BREAK OCCUR ON ANY CITY WATER MAIN, THE CONTRACTOR

SHALL FOLLOW THE CITY'S ADOPTED "WATER MAIN BREAK PROCEDURE"

- ISSUED TO THEM AT THE PRE-CONSTRUCTION MEETING AND NOTIFY THOSE CONNECTED TO THE SYSTEM IN THE IMPACTED AREA AS OUTLINED IN THE PROCEDURE.
- 25. WATER MAIN REPAIRS (REFERENCES: AWWA C651-14 AND WSDOT STANDARD SPECIFICATION SECTION 7-09) (NOTE: A PLANNED WATER MAIN REPAIR SHALL BE APPROVED BY THE CITY INSPECTOR AND/OR WATER DIVISION SUPERVISOR PRIOR TO COMMENCING WORK.) A. REPAIR WITHOUT DEPRESSURIZATION - SMALL LEAKS SHALL BE REPAIRED USING REPAIR BANDS WHILE MAINTAINING POSITIVE PRESSURE IN THE WATER MAIN. VALVES SURROUNDING THE LEAK WILL BE PARTIALLY SHUT BY THE CITY WATER DEPARTMENT TO REDUCE THE FLOW AND PRESSURE TO THE AREA. BLOWOFFS AND HYDRANTS IN THE REDUCED PRESSURE AREA MAY BE OPENED AS NEEDED TO FURTHER REDUCE THE PRESSURE. THE WATER MAIN TRENCH SHALL BE OVER-EXCAVATED TO ALLOW WATER IN THE TRENCH TO BE PUMPED OUT AND MAINTAINED BELOW THE LEVEL OF THE WATER MAIN. THE REPAIR SHALL BE COMPLETED WITH THE WATER MAIN PRESSURE REMAINING POSITIVE. AFTER THE REPAIR IS MADE, THE SYSTEM SHALL BE FULLY PRESSURIZED AND A VISUAL LEAK INSPECTION WILL BE COMPLETED. THE WATER MAIN IN THE AFFECTED AREA SHALL BE FLUSHED TO ACHIEVE THREE PIPE VOLUMES PULLED FROM THE PIPE (DISTANCE MEASURED FROM VALVE OPENED FOR FLUSHING TO THE EXIT HYDRANT OR BLOWOFF).
- B. REPAIR/CUT-IN WITH DEPRESSURIZATION TRENCH SHALL BE OVER EXCAVATED AND DEWATERED BELOW THE WATER MAIN. FLUSH WATER FROM PIPE FROM EACH DIRECTION UNTIL IT RUNS CLEAR. IMMEDIATELY PRIOR TO INSTALLATION OF A NEW PIPE SECTION FOR REPAIR OR CUT IN TEE, ALL NEW FITTINGS AND PIPE SPOOLS SHALL BE SWABBED WITH A FIVE PERCENT (5%) CHLORINE SOLUTION (MINIMUM). THE INTERIOR OF THE EXISTING PIPE SHALL BE SWABBED WITH A FIVE PERCENT (5%) CHLORINE SOLUTION AT LEAST 6 FEET IN EACH DIRECTION FROM EXPOSED CUT ENDS. THE WATER MAIN IN THE AFFECTED AREA SHALL BE FLUSHED TO ACHIEVE THREE PIPE VOLUMES PULLED FROM THE PIPE (DISTANCE MEASURED FROM THE VALVE OPENED FOR FLUSHING TO THE EXIT HYDRANT OR BLOWOFF). CUSTOMERS SHALL BE NOTIFIED AFTER THE WATER MAIN IS FLUSHED AND REPAIRS HAVE BEEN COMPLETED, AS OUTLINED IN THE "WATER MAIN BREAK PROCEDURE." 26. NEW WATER MAIN INSTALLATION:
- A. EACH NEW WATER MAIN SECTION SHALL BE DELIVERED, STACKED AND STORED ONSITE WITH ENDS PLUGGED. THE PLUGS SHALL REMAIN IN THE PIPE UNTIL EACH PARTICULAR SECTION IS INSTALLED. NATIONAL SANITATION FOUNDATION (NSF) APPROVED SIXTY-FIVE PERCENT (65%) CALCIUM HYPOCHLORITE SHALL BE ADDED TO THE UPSTREAM END OF EACH PIPE SECTION, AND AT EACH HYDRANT TEE IN THE AMOUNT GIVEN IN THE TABLE BELOW (OR PER APPROVED MANUFACTURER SPECIFICATIONS). THE MINIMUM AMOUNT OF CALCIUM HYPOCHLORITE ADDED SHOULD BE SUFFICIENT TO ACHIEVE A 50 MG/L CONCENTRATION WITHIN THE IMPACTED AREA. CITY OF PUYALLUP - CITY STANDARDS WATER REVISED 11/2020 300-10 65% CALCIUM HYPOCHLORITE ADDITION PER PIPE SECTION PIPE DIAMETER

65% Calcium Hypochlorite Addition per Pipe Section

	Pipe Volume	5-gram	Hypochlorite Granules		Maximum	
Pipe Diameter (Inches)	per 18 feet (gal)	tablets per pipe section	Ounces per 500 feet	Teaspoons per 18 feet	Fill Rate (gpm)_	
4	35	1	1.7	0.2	40	
6	53	1	3.8	0.4	90	
8	70	2	6.7	0.7	150	
12	106	4	15.1	1.4	350	
16	141	6	27	2.5	600	

B. NEW WATER MAINS SHALL BE FILLED USING AN APPROVED BACKFLOW PREVENTION ASSEMBLY. THE WATER MAIN SHALL BE FILLED FROM THE LOWER ELEVATION END SO THAT AS THE WATER MAIN IS FILLED. THE CHORINE IS CONTACTED, DISSOLVED AND SPREAD RELATIVELY UNIFORM THROUGH THE LENGTH OF THE NEW WATER MAIN. THE FILL RATE SHALL BE MINIMIZED SO THAT THE VELOCITY OF THE WATER IS LESS THAN 1 FT/SEC (SEE TABLE ABOVE). SUCCESSFUL PRESSURE TEST AND BACTERIOLOGICAL TESTS SHALL BE COMPLETED AND PROVIDED TO THE CITY PRIOR TO ANY NEW MATER MAIN CONNECTION TO THE EXISTING WATER SYSTEM.

C. THE CHLORINATED WATER WILL BE ALLOWED TO REMAIN IN CONTACT WITH THE NEW WATER MAIN SYSTEM FOR 24 TO 72 HOURS. AFTER 24 HOURS. WATER MAY BE ADDED TO THE WATER MAIN FOR THE PURPOSES OF PRESSURE TESTING. THE WATER IN THE MAIN USED FOR PRESSURE TESTING MUST REMAIN IN THE WATER MAIN UNTIL PRESSURE TEST IS COMPLETED. IF NECESSARY, LIQUID CHLORINE SHALL BE INJECTED INTO THE WATER MAIN WITH FILL WATER TO MAINTAIN A CONCENTRATION IN THE WATER MAIN ABOVE 50 MG/L. UNDER NO CIRCUMSTANCE SHALL "SUPER" CHLORINATED WATER BE ALLOWED TO SIT WITHIN A NEW WATER MAIN FOR MORE THAN 5 DAYS.

D. PRESSURE TESTING INCLUDES TESTING AGAINST NEW VALVES AND

HYDRANTS. EACH VALVE SHALL BE TESTED BY CLOSING EACH IN TURN AND REDUCING THE PRESSURE BEYOND THE VALVE. THE PRESSURE ON THE BACK SIDE OF THE VALVE SHOULD NOT BE ELIMINATED. CARE MUST BE TAKEN THAT, DURING THIS PROCESS, POSITIVE PRESSURE REMAINS THROUGHOUT THE SYSTEM BEING TESTED AT ALL TIMES. ALL HYDRANT FOOT VALVES SHALL BE OPEN DURING PRESSURE TESTING SO THAT THE PRESSURE TEST IS AGAINST THE HYDRANT VALVE. PRESSURE TESTING WILL NOT BE ALLOWED AGAINST ANY EXISTING VALVES. E. AFTER SUCCESSFUL PRESSURE TESTING, THE WATER MAIN SHALL BE THOROUGHLY FLUSHED TO REMOVE ALL "SUPER" CHLORINATED WATER FROM THE NEW WATER MAIN. FLUSHING OF NEW OR EXTENDED WATER MAINS SHALL BE CONDUCTED PER WSDOT SPECIFICATION 7-09.3(24)A WITH A MINIMUM VELOCITY DEVELOPED WITHIN THE PIPE WHILE FLUSHING OF 2.5 FEET PER SECOND (FPS). ALL FLUSHED WATER SHALL BE DECHLORINATED PRIOR TO DISPOSAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL CHLORINATED WATER FLUSHED FROM MAINS. THE CITY SHALL APPROVE THE DISPOSAL METHOD PRIOR TO IMPLEMENTATION IN THE FIELD. THE CONTRACTOR SHALL UTILIZE ONSITE DISPOSAL METHODS, IF AVAILABLE. DISPOSAL OF FLUSH WATER TO THE SANITARY SEWER SYSTEM SHALL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE WATER POLLUTION CONTROL PLANT (WPCP) SUPERVISOR, ANY PLANNED DISCHARGE TO A STORMWATER SYSTEM SHALL BE DECHLORINATED TO A CONCENTRATION OF 0.1 PPM OR LESS, PH ADJUSTED (IF NECESSARY) TO BE BETWEEN 6.5 AND 8.5, AND VOLUMETRICALLY AND VELOCITY CONTROLLED TO PREVENT ANY RESUSPENSION OF SEDIMENTS. THE CITY WILL REQUIRE INDEPENDENT TESTING THROUGHOUT THE WATER DISCHARGE PROCESS TO ENSURE COMPLIANCE OF THESE STANDARDS ARE MET. CITY OF PUYALLUP - CITY STANDARDS WATER REVISED 11/2020 300-11

F. SAMPLES FOR BACTERIOLOGICAL ANALYSIS SHALL BE COLLECTED

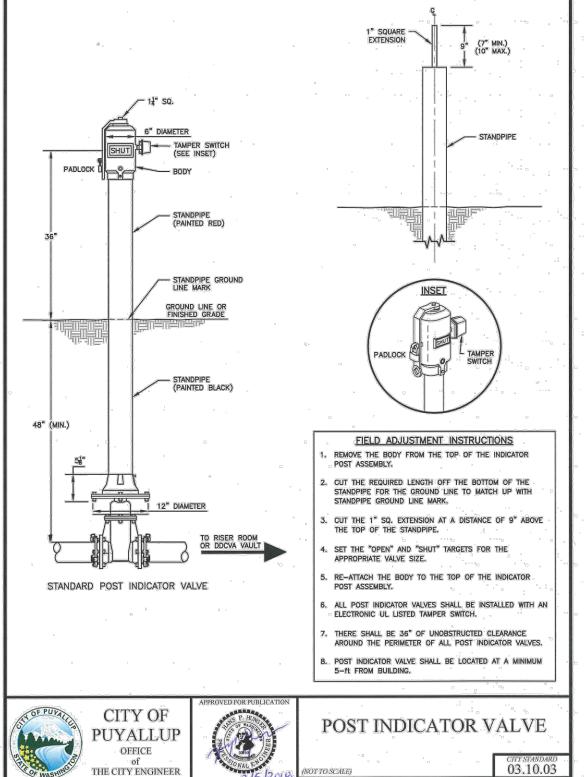
FIRE SERVICE DETAILS

PUYALLUP HAMPTON INN ADDITION

A PORTION OF THE NW 1/4 OF THE SW 1/4 OF SECTION 34, TOWNSHIP 20 N, RANGE 04 E, W.M., PIERCY COUNTY, WA PUYALLUP, WA 98371

AFTER FLUSHING AND AGAIN 24 HOURS AFTER THE FIRST SET OF

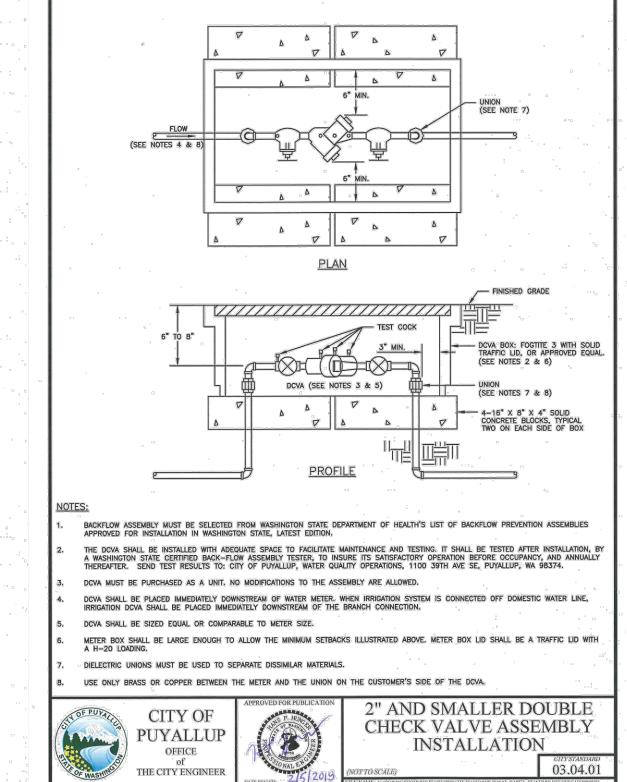
G. ALL CLOSURE/FINAL CONNECTION FITTINGS SHALL BE SPRAYED CLEAN AND THEN SWABBED WITH A FIVE PERCENT (5%) CHLORINE SOLUTION IMMEDIATELY PRIOR TO INSTALLATION PER AWWA STANDARD C651. ADDITIONAL SAMPLES FOR BACTERIOLOGICAL ANALYSIS SHALL BE COLLECTED FROM THE IMMEDIATE VICINITY OF THE NEW OR REPLACED WATER MAIN AND ANALYZED AFTER THE FINAL CONNECTIONS ARE MADE. IF NECESSARY, ADDITIONAL FLUSHING SHALL BE CONDUCTED AND ADDITIONAL SAMPLES SHALL BE COLLECTED UNTIL SATISFACTORY RESULTS ARE OBTAINED.

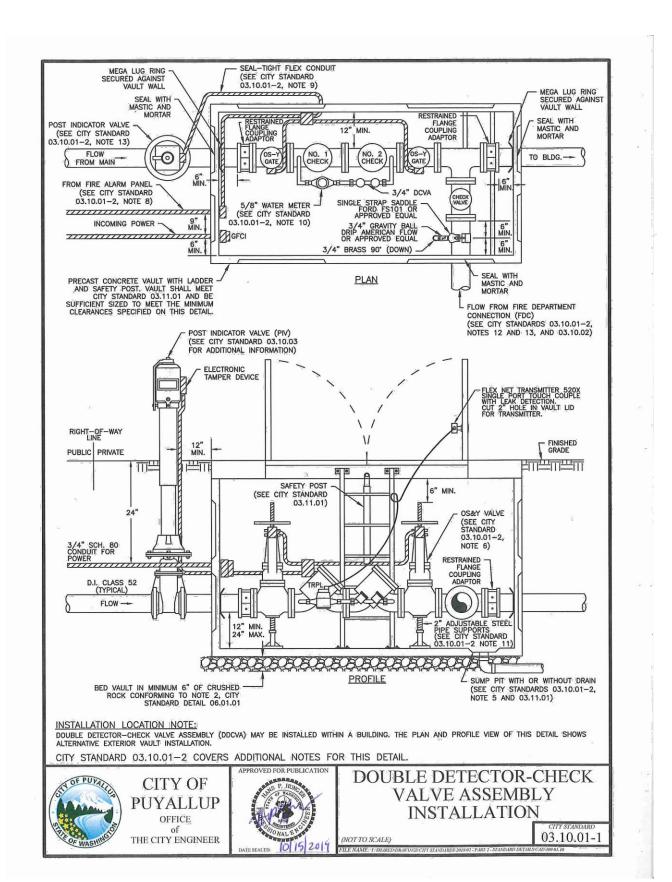


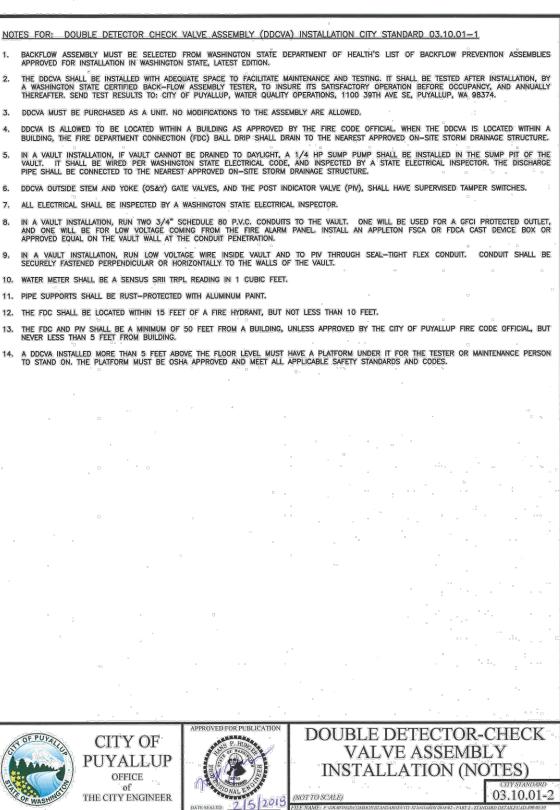
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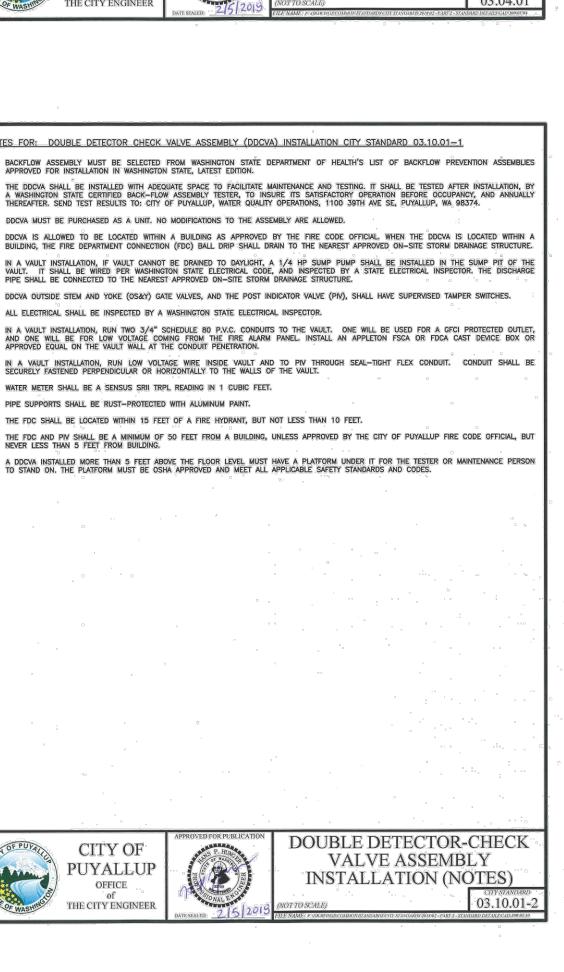
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