



PLAN VIEW
SCALE: NONE

STANDARD IP & LP GAS
REPLACEMENT CONSTRUCTION NOTES

1. NOTIFY GAS CUSTOMERS, OR DISTRIBUTE FLYER #1443 A MINIMUM OF TWO WORKING DAYS PRIOR TO A PLANNED OUTAGE.
2. INSTALL ONE POUND ANODE FOR EVERY 1000' OF LOCATING WIRE. INSTALL ANODE AND TEST LEAD WIRES PER PSE GAS OPERATING STANDARD 2525.2300.
3. MAINTAIN CATHODIC PROTECTION FOR STEEL MAINS BY THE USE OF CONTINUITY BONDS OR OTHER MEANS DETERMINED BY THE PSE CORROSION ENGINEER PER PSE GAS OPERATING STANDARD 2600.1300.
4. INSTALL ANODES AND TEST LEAD WIRES AS REQUIRED PER PSE GAS FIELD PROCEDURES 4515.1000 AND 4515.1020 AND PSE GAS OPERATING STANDARD 2600.1200. TEST LEAD WIRES ARE REQUIRED ON ALL TRANSITION FITTINGS.
5. INSTALL CURB VALVE AT PROPERTY LINE OR 5/8" PE WHIP AT MAIN (AS REQUIRED) ON NEW AND EXISTING SERVICES PER PSE GAS OPERATING STANDARD 2550.1600.
6. REFER TO PSE GAS OPERATING STANDARD 2525.1700 FOR MAIN AND SERVICE COVER REQUIREMENTS.
7. MAINS AND SERVICES SHALL BE TESTED AND PURGED PER PSE GAS OPERATING STANDARDS 2525.3300 AND 2525.3400 AND PSE GAS FIELD PROCEDURE 4700.1500.
8. PROJECT MANAGER TO MAKE AN ACTIVE SERVICE RUN IMMEDIATELY PRIOR TO STARTING CONSTRUCTION.
9. INSTALL REPLACEMENT MAINS PER PSE GAS OPERATING STANDARD 2525.2100.
10. PLUG ENDS OF DEACTIVATED OR INSERTED MAINS AND SERVICES IN ACCORDANCE WITH PSE GAS OPERATING STANDARDS 2525.2100 AND 2525.3600.
11. REMOVE OR RENDER INOPERABLE DEACTIVATED VALVES ON CASING WHERE MPE PIPE IS INSERTED.
12. INSIDE METER SETS SHALL BE MOVED OUTSIDE WHENEVER POSSIBLE OR SET REGULATORS AND VENTS OUTSIDE PER PSE GAS OPERATING STANDARDS 2575.2300 AND 2550.1700.
13. REPLACE EXISTING ACTIVE SERVICES PER PSE GAS OPERATING STANDARDS 2525.2100 AND 2575.2300.
14. REPLACE ALL "NO RECORD" SERVICES AND 1-1/8" PE SERVICES INSTALLED PRIOR TO 1985.
15. ACTIVE SERVICES TO BE REPLACED DENOTED BY:
16. MAINS AND SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH 2525.1200.
17. PIPE SQUEEZING SHALL BE DONE IN ACCORDANCE WITH GOS 2525.1200 AND GAS FIELD PROCEDURES 4700.1300 AND 4700.1310.
18. WHEN INSTALLING, DEACTIVATING, REPAIRING, OR OTHERWISE MODIFYING A PIPELINE THAT IS LOCATED WITHIN 200 FEET OF ANY ACTIVE REGULATING STATION, PRESSURE RELIEF AND LIMITING DEVICE, OR SINGLE SERVICE FARM TAP WHERE GAS SYSTEM ENGINEERING REVIEW AND APPROVAL IS REQUIRED PER GAS OPERATING STANDARDS. SEE REVIEW DOCUMENTS, PROVIDED BY ENGINEERING.
19. FIELD TO VERIFY THAT ALL PROPER SERVICE ACTIONS (FOLLOWING THE KEY TO SERVICE ACTION LEGEND) HAVE BEEN ACCOUNTED FOR PER THE "SERVICE CHECKLIST". IF A RISER IS FOUND IN THE FIELD AND WASN'T ACCOUNTED FOR, FIELD PERSONNEL SHALL CONFIRM WHETHER THE RISER IS AN ABANDONED OR IDLE RISER:
 - 19.1 IF IT IS AN ABANDONED RISER, CONTACT THE POINT DESK TO REQUEST GFR TO REMOVE IT.
 - 19.2 IF IT IS AN IDLE RISER, REPORT THE RISER TO THE PROJECT MANAGER SO THAT THE PROJECT MANAGER MAY CONFIRM WITH THE CUSTOMER WHETHER THEY WOULD LIKE TO KEEP THE SERVICE AND RISER. THE PROJECT MANAGER MAY INSTRUCT TO TEST AND TIE THE SERVICE IF THE CUSTOMER WANTS GAS OR DOESN'T PROVIDE PSE A RESPONSE IN A TIMELY MANNER.

LEGEND

- Detail Number
Sheet Location of Detail
(a dash if on same sheet as the Plot Plan)
- Section Letter
Sheet Location of Section

KEY TO SERVICE ACTION

- T&T TEST & TIE SERVICE
- REPLACE COMPLETE SVC
- T&T REPLACE STUB AND TEST & TIE EXTENSION

SAP BATCH YEAR & FOOTAGE

SIZE OF RETIRED MAIN	MATERIAL RETIRED	ORIGINAL JOB	ORIGINAL YEAR	PROPOSED LENGTH OF RETIREMENT	ACTUAL LENGTH OF RETIREMENT
2"	STW	MC21327	1960	513'	

HOLE HOG TABLE

CALLOUT		LOCATION	DEPTH	LENGTH
BP1	START			
BP2	END			
BP3	START			
BP4	END			
BP5	START			
BP6	END			
BP7	START			
BP8	END			
BP9	START			
BP10	END			
BP11	START			
BP12	END			
BP13	START			
BP14	END			
BP15	START			
BP16	END			
BP17	START			
BP18	END			
BP19	START			
BP20	END			

CP NOTES:

- 12/19/2022:
Cut existing #4 cable attached to main being retired off of main at tie-in and install cut cable end in 3M splice kit for insulation.
- 1109 4th St SW-
Install (2) T/L's and a 9# anode at tie-in. Tag wires #5. Run all wires up in a W/B and tag #5. Bond anode to one T/L. Retire System TS# 038218 and create new Ind. Svc/TS. when job complete.
- 1021 4th St NW-
This riser is located on the side of the building located at the sign showing the address of 1201 - 4 st nw for City of Puyallup Maintenance. Install a 9# anode and (2) T/L's at the tie-in. Tag wires #5 and run all wires up in a W/B. Do not bond to test lead unless a low PSP read is observed. This In Svc TS# 038402.
- 1299 4th St SW-
Create Ind Svc./TS here on 3/4" STW upon job completion. spawla

NOTIFY: SCOTT PAWLAK
CORRISION TECH. @ 206-571-8292

CP APPROVAL
12 / 19 / 2022

FITTER'S CHECKLIST (CHECK BOX TO CONFIRM COMPLETION)

- ☐ Inspected Steel and PE pipe per GOS 2450.1400 and 2450.1500
☐ Reviewed and complied with all construction notes.
☐ Recorded all required information on the as-built per GOS 2500.1700.
☐ Completed post installation inspection per GOS 2525.1200 and 2525.2700.
☐ Left the work area in a clean and safe condition.

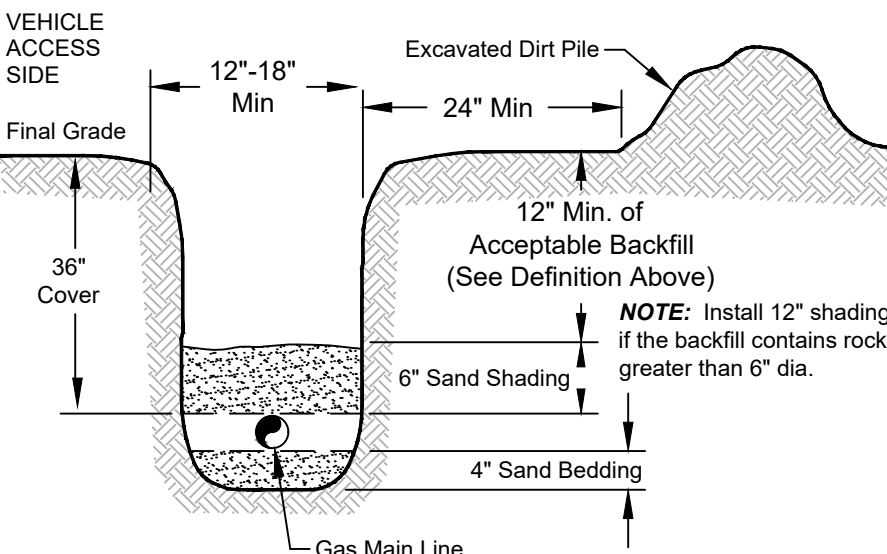
Foreman's Signature _____
Foreman's Name (printed) _____
Company: _____ Date _____

4680 06/11

STANDARD GAS CONSTRUCTION NOTES:

1. FIELD LOCATE ALL UNDERGROUND UTILITIES. EXCAVATOR TO CALL "ONE-CALL" TWO WORKING DAYS PRIOR TO CONSTRUCTION, IN WESTERN WASHINGTON CALL: 1-800-424-5555. OR CALL NATIONWIDE: 811
2. NOTIFY APPROPRIATE PERMITTING AGENCY PRIOR TO JOB START (SEE PERMIT REQUIREMENTS).
3. ALL CONSTRUCTION IS TO CONFORM TO PSE GAS OPERATING STANDARDS AND GAS FIELD PROCEDURES.
4. EROSION AND SEDIMENT CONTROL SHALL BE PER PSE STANDARD PRACTICE 0150.3200 TECHNIQUES FOR TEMPORARY EROSION AND SEDIMENT CONTROL AND ANY ADDITIONAL LOCAL JURISDICTION REQUIREMENTS.
5. NOTIFY PROPERTY OWNERS ADJACENT TO PROPOSED CONSTRUCTION ACTIVITIES A MINIMUM OF TWO WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION. USE IS TO DISTRIBUTE FLYERS IF JOB IS LARGE, OTHERWISE HAND DELIVER FLYERS BE SURE TO INCLUDE THE LIST OF FREQUENTLY ASKED QUESTIONS AND INFORMATION ABOUT THE OPPORTUNITY TO PURCHASE AN EXCESS FLOW VALVE WHEN THEIR SERVICE IS INSTALLED OR REPLACED PER GAS OPERATING STANDARD 2550.1600. ALLOW ADEQUATE TIME FOR CUSTOMER DECISION AND RESPONSE.
6. ANY CHANGE IN ROUTE, PIPE SIZE/TYPE, TIE-IN METHOD OR ADDITIONAL MAIN FOOTAGE MUST BE APPROVED BY THE APPROPRIATE PSE ENGINEER OR PSE REPRESENTATIVE.
7. COMPLETE "PIPE CONDITION REPORT" ON ALL METALLIC PSE FACILITIES. CHECK BOX ON REPORT FOR WIRE BOX (TEST LEAD) INSTALLATION.
8. PIPELINE MARKERS AND WARNING SIGNS SHALL BE INSTALLED AND RECORDED BY THE CONTRACTOR PER PSE GAS OPERATING STANDARD 2525.2500.
9. INSTALL MAIN VALVES OUT OF TRAFFIC WHERE POSSIBLE. VALVE MARKERS SHALL BE INSTALLED AND RECORDED BY THE CONTRACTOR PER PSE GAS OPERATING STANDARD 2525.2600 FOR ALL HP VALVES IF THE LOCATION IS NOT READILY ACCESSIBLE, AND FOR ALL VALVES WHERE PERSISTENT SNOWFALL MAY OBSCURE THE VALVE BOX.
10. TO PREVENT ACCIDENTAL OVERPRESSURE OF ADJOINING SYSTEMS, NO TWO MAINS SHALL BE CONNECTED EXCEPT AS SHOWN ON THIS DESIGN UNLESS APPROVED BY APPROPRIATE PSE ENGINEER OR PSE REPRESENTATIVE.
11. SYSTEM MAOP DENOTED BY: SYSTEM MAOP = ____ PSIG
12. GAUGE AND MONITOR USE OF ALL STOPPERS TO ENSURE ADEQUATE FEEED.
13. RESTORE ALL DRIVEWAYS SUBJECT TO OPEN CUT TO ORIGINAL OR BETTER CONDITION.
14. PURGE POINTS TO BE INSTALLED PER PSE GAS OPERATING STANDARDS 2525.3400.
15. MAINS AND SERVICES SHALL BE TESTED AND PURGED PER PSE GAS OPERATING STANDARDS 2525.3300 AND 2525.3400.
16. IF METALLIC PIPE IS INVOLVED, COORDINATE INSTALLATION WITH CP TECH. _____ PHONE _____
17. NOTE ALL ACTUAL FOOTAGE, LOCATION AND MATERIAL CHANGES ON THE AS-BUILT IN RED. () DENOTES FOOTAGE BETWEEN FITTINGS.
18. EXCESS FLOW VALVE TO BE INSTALLED ON ALL NEW RESIDENTIAL SERVICES PER GOS 2500.2200. (RECORD ALL INFORMATION ON D-4 CARD)

Backfill for Direct Bury - The final backfill may be soil-based select material or native soil, but free of construction debris and shall not contain rocks larger than 10"-in. diameter to prevent impedance of gas system maintenance.



TYPICAL GAS MAINLINE TRENCH DETAIL
Not to scale

GAS MAIN INSTALLATION/RETIREMENT					
Type/Work	Pipe Size	Type	Est Length	Act Lgth	Manufacturer
SCAT	2"	PE	490'		
RETIRE	2"	STW	513'		

Verify Testing Requirements, Chart vs Gauge GOS 2525.3300 sec. 5, Table 5-1 and sec. 5.5				GASSED UP PIPELINE		
GAS MAIN PRESSURE & TESTING				DATE	FOREMAN'S NAME	PIPE SEGMENT
TYPE TEST	<input type="checkbox"/> SOAP	<input type="checkbox"/> AIR	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> WATER		
DATE ON	/ /	START TIME		TESTED BY		
DATE OFF	/ /	STOP TIME				
PRESSURE		TEST RESULTS	<input type="checkbox"/> P	<input type="checkbox"/> F		
TYPE TEST	<input type="checkbox"/> SOAP	<input type="checkbox"/> AIR	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> WATER		
DATE ON	/ /	START TIME		TESTED BY		
DATE OFF	/ /	STOP TIME				
PRESSURE		TEST RESULTS	<input type="checkbox"/> P	<input type="checkbox"/> F		
<input type="checkbox"/> TESTED BY PSE PRESSURE CONTROL, SEE FORM 1928						
DESIGN PRESS	60	SYS MAOP	60			
2023 02/18						

PROJECT PHASE	Notification #	Order #
GAS	11855424	109143149
SAP Superior	N/A	N/A
Service/Meter	N/A	N/A
Service/Meter	N/A	N/A
Service/Meter	N/A	N/A
Service/Meter	N/A	N/A
Ind. Service	N/A	N/A
Ind. MSA	N/A	N/A
Dis. Reg. / FT	N/A	N/A
HP Svc/MSA	N/A	N/A
Relocate	N/A	N/A
Retirement	N/A	108639825

Project Manager Contact Information:
Manager: AMBER UHLS
Cell Phone: (425) 495-1062
E-Mail: amber.uhls@pse.com

REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT	PHONE NO	DATE
1				PROJECT MGR	A.UHLS	425-495-1062	8/8/22
2				ENGR - GAS	N/A	N/A	N/A
3				DRAWN BY	E.WALKER-PAUL	253-625-0964	12/1/22
4				CHECKED BY	P.DEGRAAF	253-579-5076	12/19/22

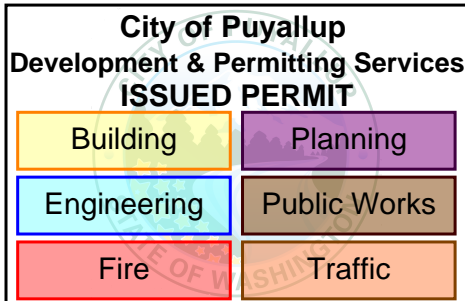
COUNTY	Emer Sect	GAS WK CTR	APPROVED BY	A.UHLS	425-495-1062
PIERCE	484B	CSPPGPM	CP APPROVAL	S.PAWLAK	206-571-8292
1/4 SEC	OP MAP	PLAT MAP	PC APPROVAL	N/A	N/A
SE 21-20-04E	244.068	247.073	MAPPING		

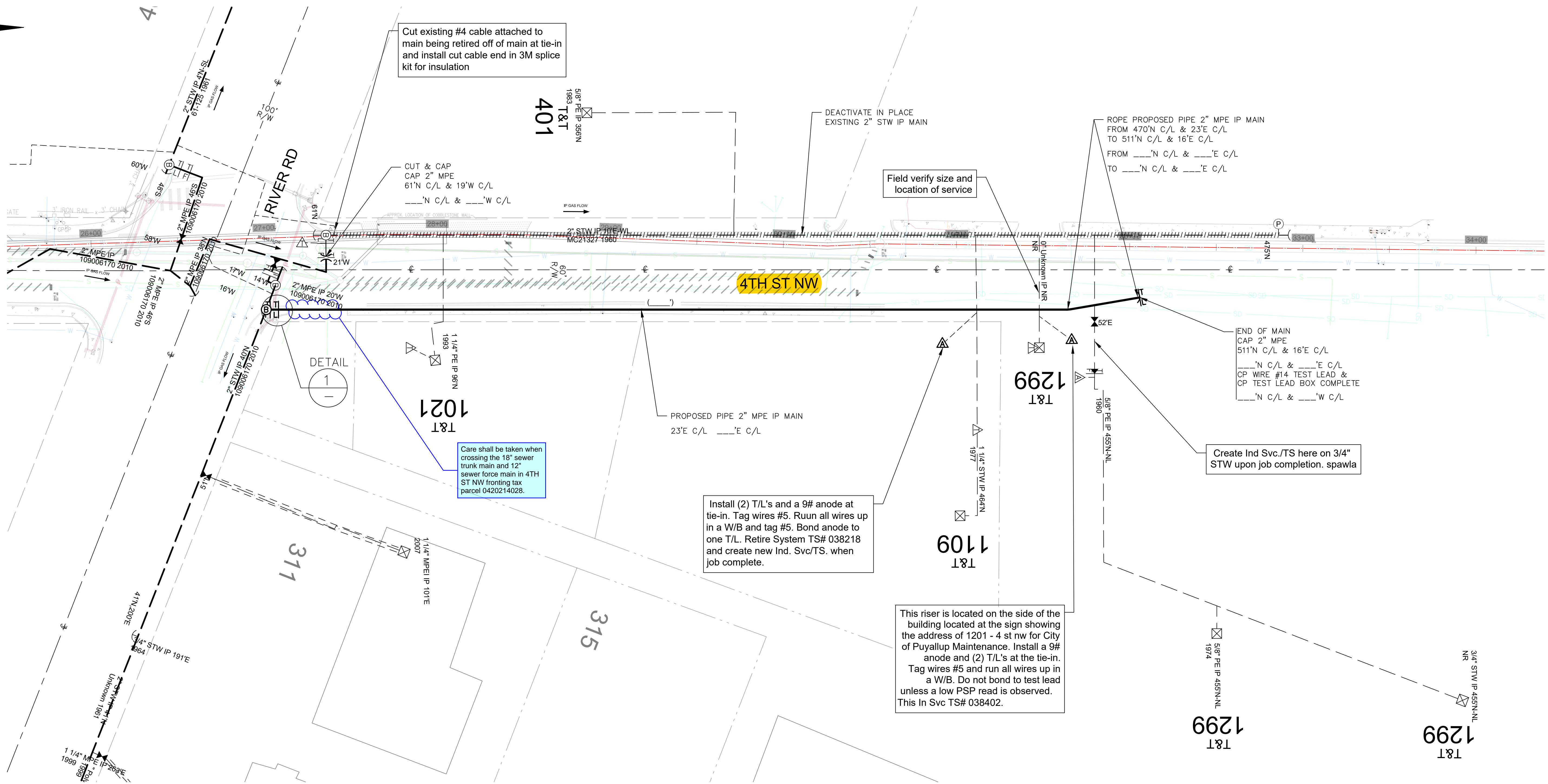
JOINT FACILITIES ARRANGEMENTS			
UTILITIES	N/A	N/A	N/A
CONTACT	N/A	N/A	N/A
PHONE#	N/A	N/A	N/A



STORM DRAIN - BC PROJ. 155892
2" STW IP MAIN RELOCATE / REPLACE WITH SVC T&T
4TH ST NW & RIVER RD. PUYALLUP, WA 98371

SAP Sup Order Nbr
109143149
Drawing Number
N/A
SCALE
N/A
PAGE
1 / 2





DETAIL
1

1021
T&T

1299
T&T

1299
T&T

1299
T&T

PLOT PLAN
SCALE: 1" = 30'-0"

**City of Puyallup
Development & Permitting Services
ISSUED PERMIT**

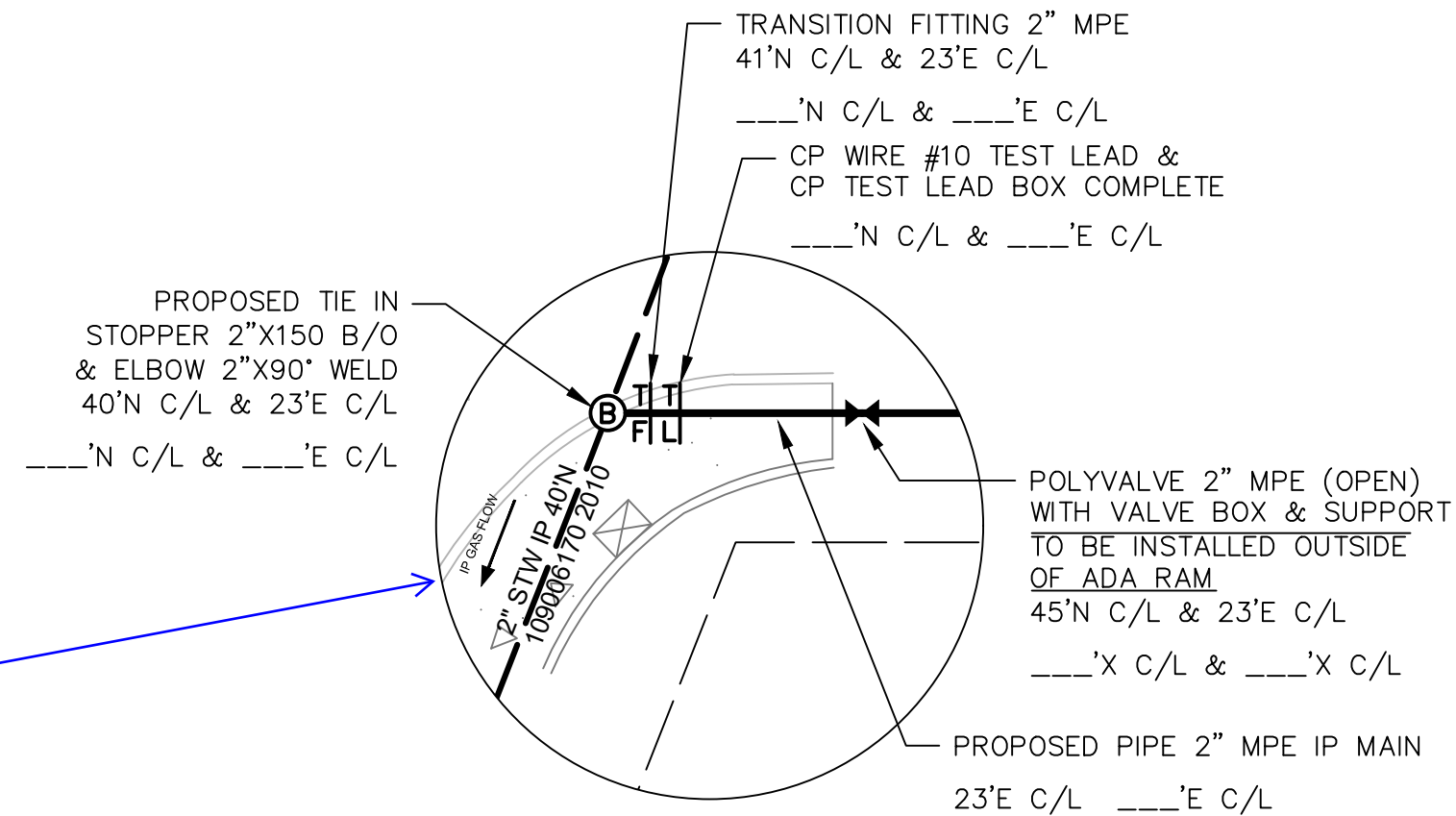
Building	Planning
Engineering	Public Works
Fire	Traffic

Any public curb, gutter, or sidewalk broken now or during the course of construction shall be removed and replaced per City Standards.

All proposed franchise utilities shall be located within a recorded utility easement or in the public right-of-way as determined by the City of Puyallup. The City of Puyallup does not authorize or permit utility work on private property.

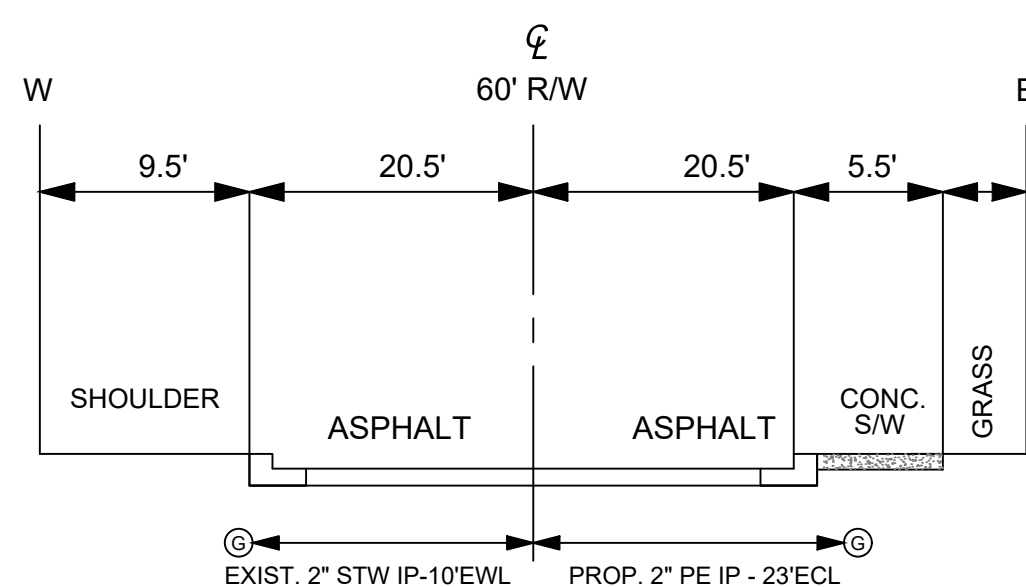
Any damage caused to the ADA ramp during the course of construction shall be replaced to City and ADA standards at the discretion of the City Engineering Inspector.

A 10" diameter core drill is allowed for potholing. For pothole windows larger than 10" in diameter or trenching completed in existing roadway, the contractor shall restore the pavement by installing the trench patch and then grinding/overlaying. All roadway restoration and street patches shall comply with City Standard Detail 01.01.20.



DETAIL
1

Scale: None



CROSS SECTION - 4TH ST NW
SCALE: NONE

FITTER'S CHECKLIST (CHECK BOX TO CONFIRM COMPLETION)

- ☐ Inspected Steel and PE pipe per GOS 2450.1400 and 2450.1500
- ☐ Reviewed and complied with all construction notes.
- ☐ Recorded all required information on the as-built per GOS 2500.1700.
- ☐ Completed post installation inspection per GOS 2525.1200 and 2525.2700.
- ☐ Left the work area in a clean and safe condition.

Foreman's Signature _____
Foreman's Name (printed) _____
Company: _____ Date _____

4880 06/11

For contacts below dial 1-888-CALL PSE (225-5773)

CALL 811 AT LEAST 2 BUSINESS DAYS BEFORE YOU DIG

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REAL ESTATE/EASEMENT				PERMIT			
REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT	PHONE NO	DATE
1				PROJECT MGR	A.UHLS	425-495-1062	8/8/22
2				ENGR - GAS	N/A	N/A	N/A
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6				CP APPROVAL	S.PAWLAK	206-571-8292	12/19/22
7				PC APPROVAL	N/A	N/A	N/A
8				MAPPING			

JOINT FACILITIES ARRANGEMENTS			
UTILITIES	N/A	N/A	N/A
CONTACT	N/A	N/A	N/A
PHONE#	N/A	N/A	N/A
STORM DRAIN - BC PROJ. 155892 2" STW IP MAIN RELOCATE / REPLACE WITH SVC T&T 4TH ST NW & RIVER RD, PUYALLUP, WA 98371			
DESIGNED BY PSE			
SAP Sup Order Nbr 109143149 Drawing Number N/A SCALE AS NOTED PAGE 2 / 2			