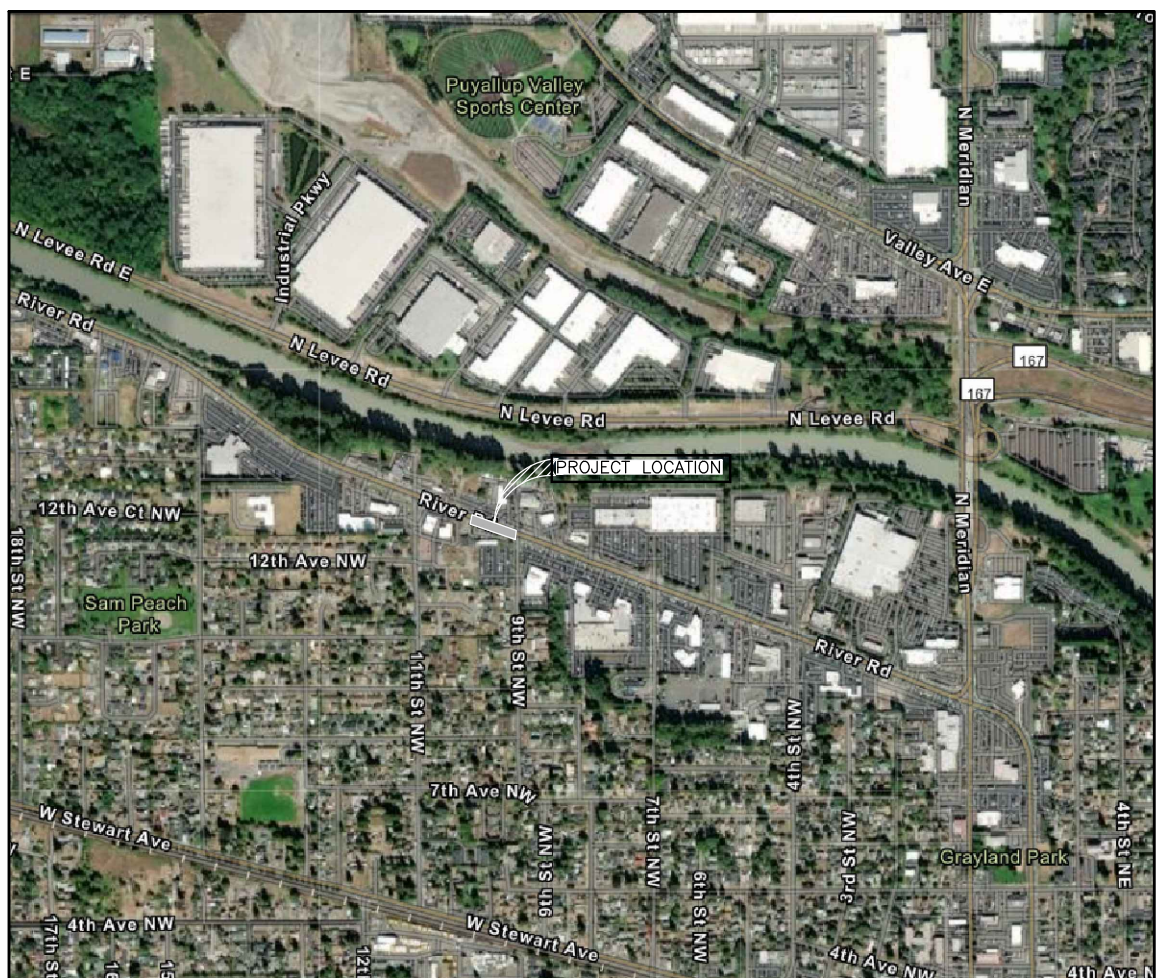


CITY OF PUYALLUP

RIVER ROAD SEWER REPLACEMENT - 9TH STREET NW TO 11TH ST NW PUYALLUP, PIERCE COUNTY, WA CIP PROJECT NO. 22-014A



VICINITY MAP

NTS



MAYOR
 DEAN JOHNSON


CITY COUNCIL MEMBERS
 NED WITTING - DEPUTY MAYOR
 JOHN PALMER
 ROBIN FARRIS
 JULIE DOOR
 JIM KASTAMA
 DENNIS KING

PUBLIC WORKS DIRECTOR
 KEN DAVIES

CITY ENGINEER
 HANS HUNGER

CITY CONTACTS
 DREW YOUNG - PROJECT MANAGER - 253-435-3641
 JONATHAN WIKANDER - COLLECTIONS SUPERVISOR - 253-770-3341

APPROVED

BY: 
 CITY ENGINEER
 CITY OF PUYALLUP

APPROVED DATE: 7/11/2022

EXPIRATION DATE: 7/11/2023

NOTE: THIS APPROVAL EXPIRES ON THE DATE SHOWN. IF CONSTRUCTION HAS NOT STARTED BY THE EXPIRATION DATE, PLANS MUST BE RESUBMITTED FOR REVIEW AND APPROVAL.

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FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE CITY ENGINEER.

SHEET INDEX

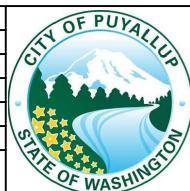
SHEET #	DESCRIPTION
C0	COVERSHEET
C1	GENERAL NOTES
C2	DEMO/TESC PLAN
C3	SEWER PLAN AND PROFILE
C4	RESTORATION PLAN
D1	CITY STANDARD DETAILS
D2	CITY STANDARD DETAILS (CONT.)
D3	CITY STANDARD DETAILS (CONT.)
TCP1	TRAFFIC CONTROL PLAN

RIGHT-OF-WAY DISCLAIMER

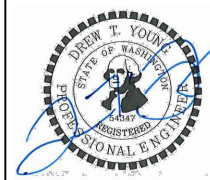
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CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-424-5555
 UTILITIES UNDERGROUND LOCATION CENTER

DRAWN BY: D. YOUNG	ISSUE DATE: 07/11/2022				
DESIGNED BY: D. YOUNG	PROJECT NO.: 22-014A				
CHECKED BY: H. HUNGER		NO.	DATE	REVISION	BY
					APPROVED



City of
 PUYALLUP



CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW
 PUYALLUP, PIERCE COUNTY, WA
C0 - COVERSHEET
#22-014A

GENERAL NOTES:

1. 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 PRE-CONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT DREW YOUNG AT 253-435-3641 TO SCHEDULE THE MEETING. THE CONTRACTOR WILL BE PROVIDED SETS OF PLANS AND SPECIFICATIONS AS OUTLINED IN WSDOT SPECIAL PROVISION (SP)1-02.2 AT THE TIME OF THE PRE-CONSTRUCTION MEETING.
2. 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 WORK.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PROJECT MANUAL, 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").
4. A COPY OF THESE APPROVED PLANS AND THE PROJECT'S SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. 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 THEIR ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE CONTRACTOR'S EXPENSE.
8. THE LOCATION OF KNOWN EXISTING UTILITIES ARE SHOWN APPROXIMATE; TAKEN FROM UTILITY LOCATE MARKINGS AND/OR AVAILABLE RECORD INFORMATION AT THE TIME OF DESIGN. EXACT LOCATION AND DEPTH OF UTILITIES ARE UNKNOWN AND SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD BY POTHOLING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES CAUSED DUE TO FAILURE TO LOCATE AND PRESERVE EXISTING UTILITIES.
9. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
10. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.
11. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
12. RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE PER SP1-05.4(1).
13. PRIOR TO ANY SIGN OR STRIPING INSTALLATION OR REMOVAL THE CONTRACTOR SHALL CONTACT THE CITY SIGN SPECIALIST (253) 841-5471 TO ARRANGE FOR AN ON-SITE MEETING TO DISCUSS PLACEMENT AND UNIFORMITY.
14. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL OF THE ENGINEER.
15. ALL EXCAVATIONS ADJACENT TO POWER POLES OR OTHER RELATED FACILITIES (VAULTS, HANDHOLES, ETC.) SHALL COMPLY WITH WAC 296-155, PART N, EXCAVATION, TRENCHING AND SHORING. POLE PROTECTION/SUPPORTING SYSTEMS USED WHILE EXCAVATING SHALL COMPLY WITH WAC 155-655 GENERAL PROTECTION REQUIREMENTS, ITEM (9) AND SHALL NOT AFFECT THE STRUCTURAL INTEGRITY OF POLES WHILE THE SYSTEMS ARE IN PLACE OR AFTER THE SYSTEMS HAVE BEEN REMOVED. WHERE CONSTRUCTION ACTIVITIES ARE IN CLOSE PROXIMITY TO POWER POLES, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE POWER UTILITY AT LEAST 48 HOURS IN ADVANCE.
16. THE CONTRACTOR IS RESPONSIBLE FOR FULL RESTORATION OF ALL EXISTING FEATURES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION UNLESS OTHERWISE INDICATED BY THE ENGINEER.
17. CONTRACTOR IS REQUIRED TO PROVIDE A COMPETENT PERSON(S) TRAINED TO IDENTIFY EXISTING OR PREDICTING HAZARDS RELATED TO TRENCH SAFETY, SOIL CONDITIONS, AND SHORING REQUIREMENTS, IN ACCORDANCE WITH WAC 296-155 PART N. REPRESENTATIVES OF THE CITY SHALL NOT BE REQUIRED TO PERFORM THE ROLE OF COMPETENT PERSON FOR THE PROJECT. NO WORKERS SHALL ENTER A TRENCH OR OTHER EXCAVATION FOUR (4) FEET OR MORE IN DEPTH WITHOUT TRENCH SAFETY IN PLACE.
18. ADJUST EXISTING UTILITY COVERS TO FINISHED GRADE AFTER FINAL PAVING PER SP 2-02.3(4).
19. PRELIMINARY TRAFFIC CONTROL PLANS ARE APPENDED TO THIS PLAN SET, WITH WORK RESTRICTIONS INCLUDED. THE CONTRACTOR MAY ADOPT OR MODIFY TRAFFIC CONTROL PLANS. IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS AND SP 1-10, THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC CONTROL PLANS FOR CITY REVIEW. A PEDESTRIAN ACCESS PLAN IS ALSO REQUIRED. PLANS SHALL BE SUBMITTED MINIMUM TWO (2) WEEKS PRIOR TO PRE-CONSTRUCTION MEETING. ANY REVISION THE THE APPENDED TRAFFIC CONTROL PLAN WILL REQUIRE REVIEW AND APPROVAL FROM THE WSDOT TRAFFIC DIVISION PRIOR TO IMPLEMENTATION.

EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR SHALL OBTAIN AND MAINTAIN ON SITE AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT A COPY OF THE 2019 WASHINGTON STATE DEPARTMENT OF ECOLOGY'S STORMWATER MANAGEMENT MANUAL.
2. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
3. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES WITH THE CITY PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
5. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE CONTRACTOR BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
6. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
7. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.
8. PROVISIONS SHALL BE MADE TO AVOID THE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PAVED PUBLIC ROADS. IF SEDIMENT IS DEPOSITED, THE ROADS ARE TO BE CLEANED EVERY DAY BY SWEEPING.
9. THE CONTRACTOR SHALL SPRAY WATER AS NECESSARY TO ENSURE BLOWING DUST DOES NOT LEAVE THE SITE OR CREATE NUISANCE TO NEIGHBORS. DURING CONSTRUCTION, ALL RELEASES OF OILS, HYDRAULIC FLUIDS, FUELS, OTHER PETROLEUM PRODUCTS, PAINTS, SOLVENTS AND OTHER DELETERIOUS MATERIALS MUST BE CONTAINED AND REMOVED IN A MANNER THAT WILL PREVENT THEIR DISCHARGE TO WATERS AND SOILS. THE CLEANUP OF SPILLS SHALL TAKE PRECEDENCE OVER OTHER WORK ON THE SITE. THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A SPILL PREVENTION, CONTROL, AND COUNTERMEASURES (SPCC) PLAN IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
10. TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED PER CITY STANDARD DETAIL 05.01.01 IF REQUIRED.
11. PROVIDE AND MAINTAIN TEMPORARY SEDIMENT COLLECTION FACILITIES TO ENSURE THAT SEDIMENT OR OTHER HAZARDOUS MATERIALS DO NOT ENTER THE STORM DRAINAGE SYSTEM. CATCH BASINS AND INLETS LOCATED DOWNHILL OR WITHIN THE VICINITY OF THE CONSTRUCTION SHALL BE PROTECTED WITH STORM DRAIN INLET PROTECTION INSERTS IN WSDOT STANDARD DETAIL NO. 1-40.20-00. FOR CURB TYPE INLETS PROVIDE INLET PROTECTION PER WASHINGTON STATE DEPARTMENT OF ECOLOGY BMP C220.
12. STRAW WATTLES SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 9-14.5(5). INSTALL WATTLES ALONG CONTOURS OR AS INDICATED ON PLANS, INSTALLATION SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 8-01.3(10).

SANITARY SEWER NOTES:

1. ALL SEWER PIPE SHALL BE PVC, PVC SEWER PIPE SHALL CONFORM TO ASTM D-3034, SDR35 FOR PIPE SIZES 15-INCH AND SMALLER AND ASTM F679 FOR PIPE SIZES 18- TO 27-INCH. TRENCHING, PIPE BEDDING AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL 06.06.01.
2. SANITARY SEWER MANHOLE FRAMES AND COVERS SHALL CONFORM TO CITY STANDARD DETAIL 06.01.02, UNLESS SPECIFIED OTHERWISE. COVERS SHALL BE MARKED "SEWER" WITH RAISED LETTERS.
3. ALL CONNECTIONS MADE TO EXISTING SANITARY SEWER MANHOLES SHALL BE MADE WITH SAND COLLARS.
4. PRIOR TO BACKFILL, ALL PIPES AND APPURTENANCES SHALL BE INSPECTED BY THE CITY'S CONSTRUCTION REPRESENTATIVE. INSPECTION SHALL NOT RELIEVE THE CONTRACTOR FROM CORRECTION OF ANY DEFICIENCIES AND/OR FAILURES AS DETERMINED BY SUBSEQUENT TESTING AND INSPECTIONS.
5. ALL SANITARY SEWER MAINS SHALL BE VIDEO INSPECTED PRIOR TO FINAL ACCEPTANCE BY THE PUBLIC WORKS DEPARTMENT.
6. AFTER ALL OTHER UTILITIES ARE INSTALLED AND PRIOR TO RESTORATION, ALL SANITARY SEWER PIPES SHALL BE TESTED PER SECTION 406 OF THE CITY STANDARDS.
7. ALL SANITARY SEWER MAINS SHALL BE MANDRELLED.
8. SIDE SEWERS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD NO. 04.03.01, 04.03.02, 04.03.03 AND 04.03.04. SIDE SEWER INSTALLATION WORK SHALL BE IN ACCORDANCE WITH THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (WISHA).

APPROVED

BY: *[Signature]*
CITY ENGINEER
CITY OF PUYALLUP

APPROVED DATE: 7/11/2022

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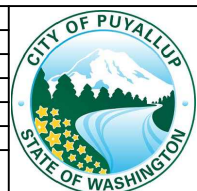
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RIGHT-OF-WAY DISCLAIMER

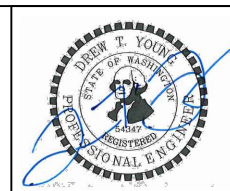
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CALL 2 WORKING DAYS BEFORE YOU DIG
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UTILITIES UNDERGROUND LOCATION CENTER

DRAWN BY: D. YOUNG	ISSUE DATE: 07/11/2022				
DESIGNED BY: D. YOUNG	PROJECT NO.: 22-014A				
CHECKED BY: H. HUNGER		NO.	DATE	REVISION	BY
					APPROVED



City of
PUYALLUP



CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW

PUYALLUP, PIERCE COUNTY, WA

C1 - GENERAL NOTES

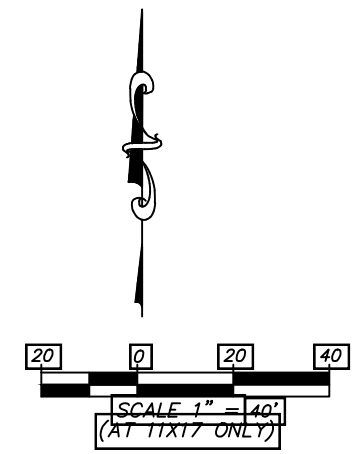
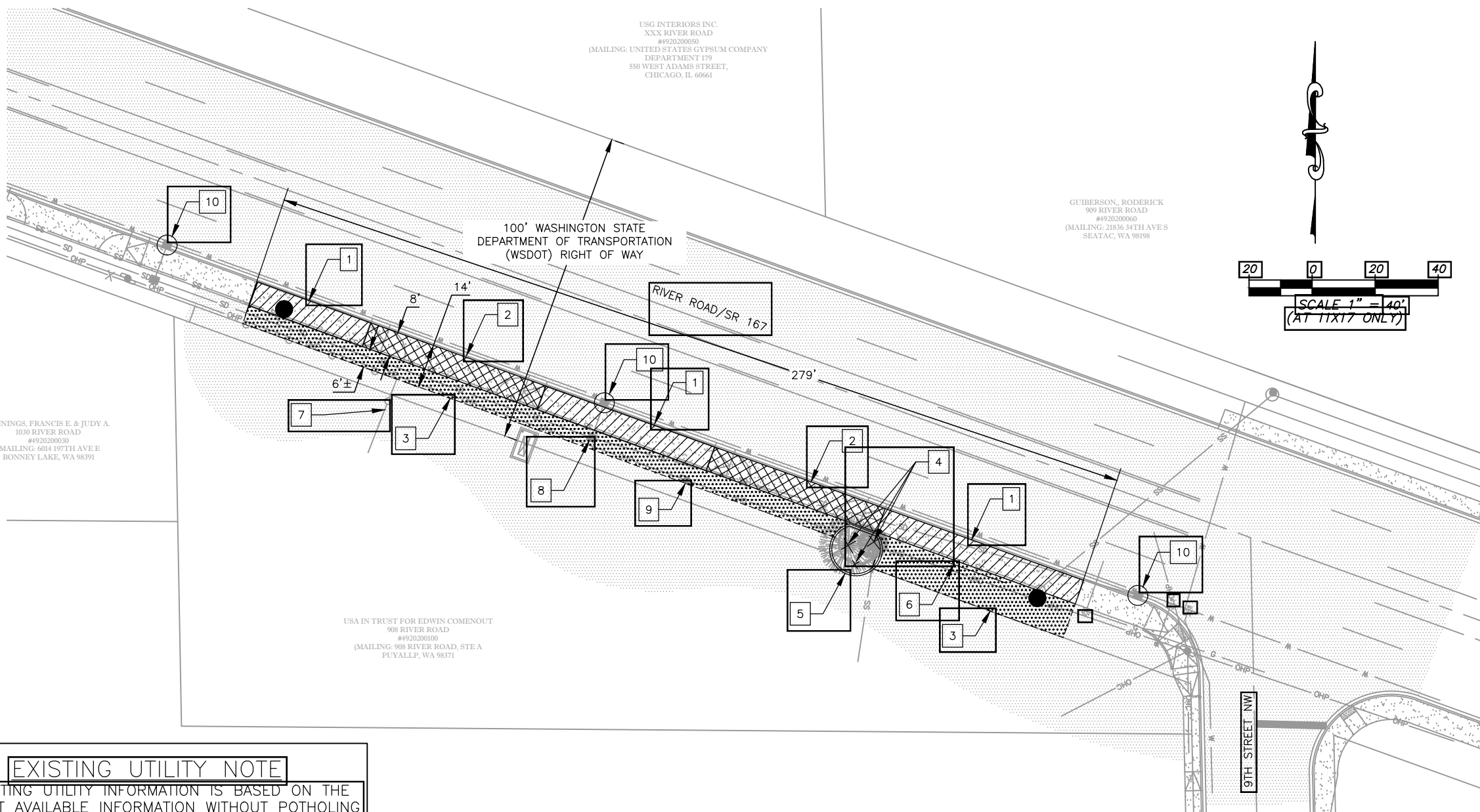
#22-014A

GENERAL NOTES:

1. INSTALL ALL TESC FACILITIES PRIOR TO EXCAVATION. REFER TO TESC REQUIREMENTS ON SHEET C1.
2. FIELD VERIFY SIZE, DEPTH, MATERIAL AND LOCATION OF EXISTING UTILITIES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, EQUIPMENT, TOOLS, AND MATERIALS NECESSARY TO PROVIDE TEMPORARY SEWER BYPASS DURING SEWER MAIN DEMOLITION AND CONSTRUCTION. SEE SP 7-20 FOR SPECIFICATIONS.

CONSTRUCTION NOTES:

1. REMOVE CONCRETE SIDEWALK TO NEAREST JOINT AT LOCATIONS OF EXISTING SIDEWALK TO REMAIN. A NEAT SAWCUT SHALL BE PROVIDED AT NEAREST JOINT LOCATION PRIOR TO REMOVAL. EXISTING CURB AND GUTTER SHALL BE PROTECTED IN PLACE.
2. REMOVE CONCRETE COMMERCIAL DRIVEWAY APPROACH. TEMPORARY ACCESS SHALL BE PROVIDED AT ALL TIMES DURING THE PROJECT. EXISTING CURB AND GUTTER SHALL BE PROTECTED IN PLACE.
3. CONTRACTOR TO PROVIDE NEAT SAWCUT AND REMOVE EXISTING PAVEMENT. ACTUAL/FINAL LIMITS WILL BE AGREED UPON IN THE FIELD.
4. EXISTING TREES (2 TOTAL), SHRUBS AND MISCELLANEOUS FENCING MATERIALS TO BE REMOVED AND DISPOSED OF. CONTRACTOR SHALL PROTECT EXISTING OVERHEAD POWER AND COMMUNICATIONS FACILITIES DURING TREE REMOVAL OPERATIONS. ALL STUMPS SHALL BE GROUND DOWN A MINIMUM OF 12-INCHES BELOW EXISTING GRADE.
5. EXISTING BRICK LANDSCAPE BORDER SHALL BE REMOVED, SALVAGED AND REINSTALLED AFTER COMPLETION OF THE PROJECT.
6. APPROXIMATE LOCATION OF BURIED BLOCK WALL TO BE REMOVED AND DISPOSED OF.
7. EXISTING PRIVATELY OWNED GALVANIZED STEEL HANDRAIL TO BE PROTECTED DURING CONSTRUCTION. ANY DAMAGED RAILING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
8. EXISTING STORM MAIN MANHOLE TO BE PROTECTED DURING CONSTRUCTION.
9. EXISTING POWER POLE TO BE PROTECTED DURING CONSTRUCTION.
10. INSTALL CB INLET PROTECTION



USG INTERIORS INC.
XXX RIVER ROAD
#492030050
(MAILING: UNITED STATES GYPSUM COMPANY
DEPARTMENT 179
550 WEST ADAMS STREET,
CHICAGO, IL 60661)

GUBERSON, RODERICK
909 RIVER ROAD
#492030060
(MAILING: 2186 34TH AVE S
SEATAC, WA 98198)

JENNINGS, FRANCIS E. & JUDY A.
1030 RIVER ROAD
#492020000
(MAILING: 6014 19TH AVE E
BONNEY LAKE, WA 98391)

USA IN TRUST FOR EDWIN COMENOUT
908 RIVER ROAD
#492020100
(MAILING: 908 RIVER ROAD, STE A
PUYALLP, WA 98371)

EXISTING UTILITY NOTE

EXISTING UTILITY INFORMATION IS BASED ON THE BEST AVAILABLE INFORMATION WITHOUT POTHOLING AND IS NOT INTENDED TO BE A COMPLETE RECORD. ELEVATIONS AND LOCATIONS, IF SHOWN ON THE PLAN AND PROFILE, ARE ESTIMATED BASED ON RECORD DRAWINGS/ GIS/OTHER AND MAY NOT BE ACCURATE. CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY VERIFYING LOCATIONS OF ALL UTILITIES AND IMPROVEMENTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A CONFLICT.

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APPROVED

BY: *[Signature]*
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CITY OF PUYALLUP

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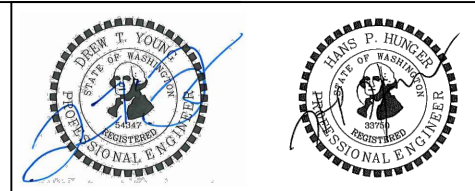
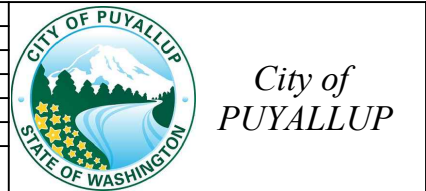
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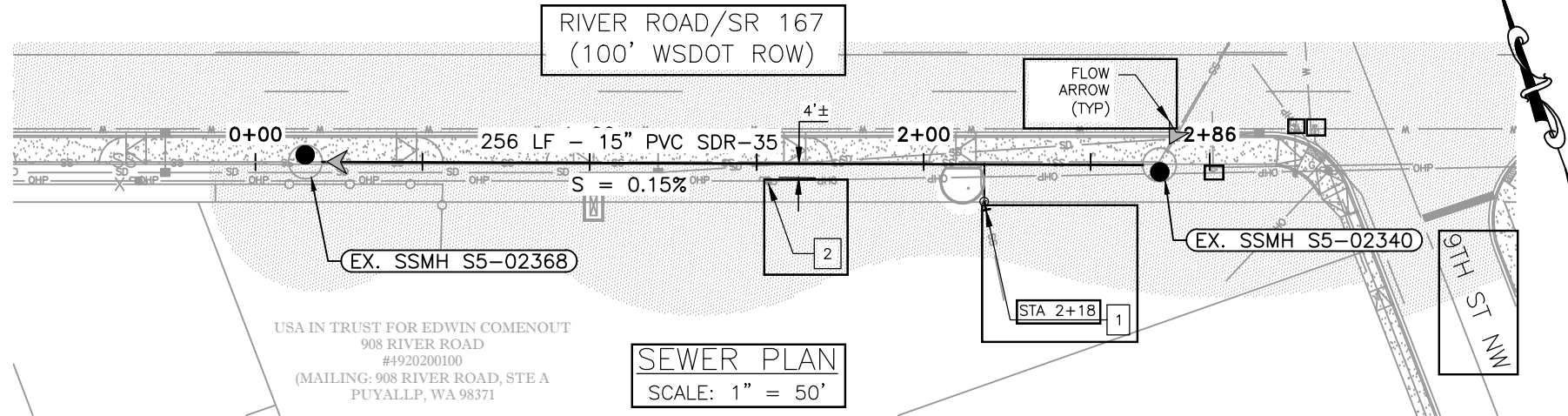
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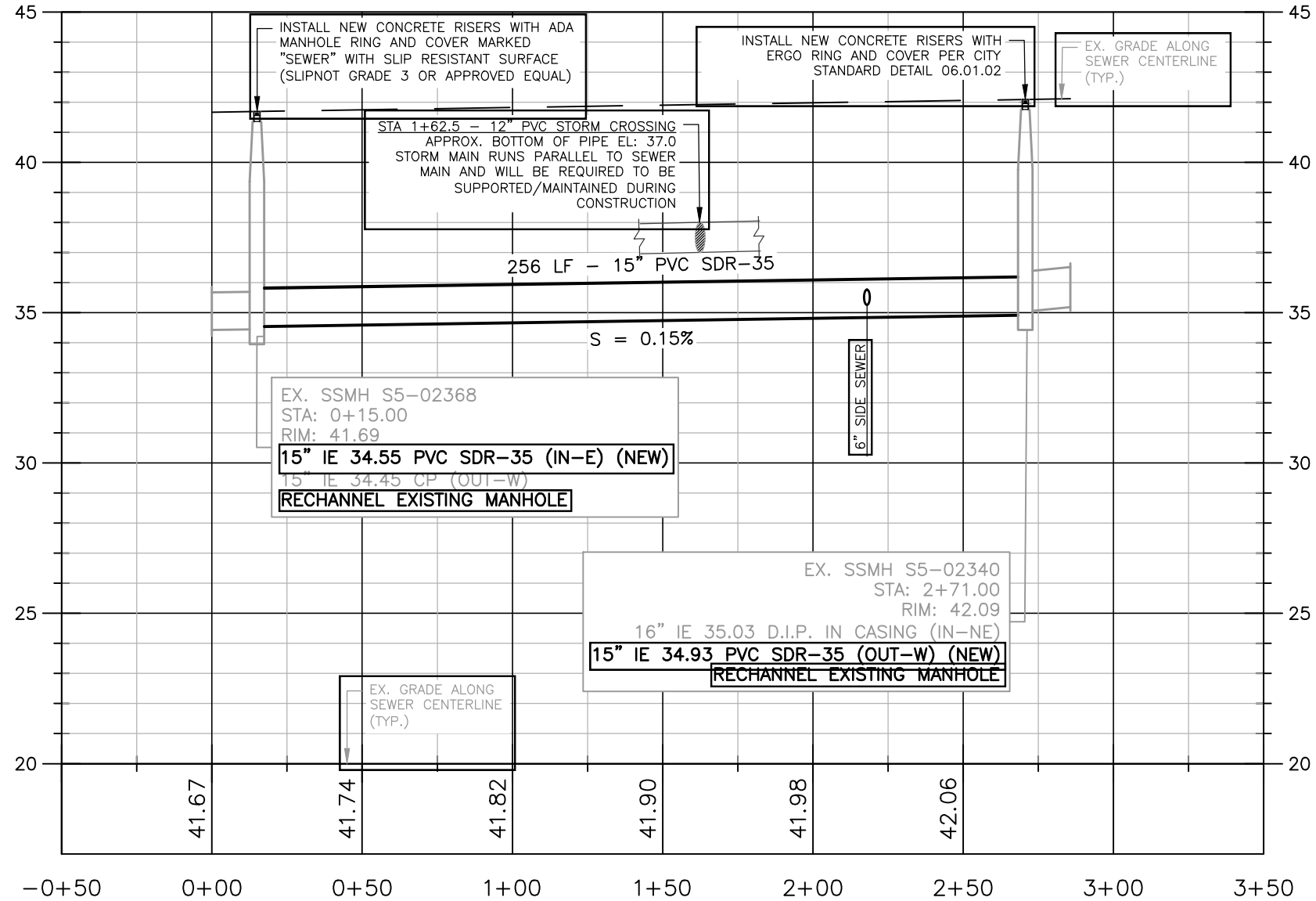
CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW
PUYALLUP, PIERCE COUNTY, WA
C2 - DEMO/TESC PLAN
#22-014A

SHEET 3 OF 9

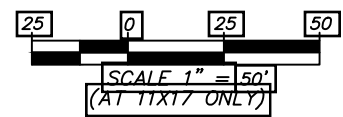


SEWER PLAN
SCALE: 1" = 50'

USA IN TRUST FOR EDWIN COMENOUT
908 RIVER ROAD
#4920200100
(MAILING: 908 RIVER ROAD, STE A
PUYALLP, WA 98371)



SEWER PROFILE
SCALE: H: 1"=50', V: 1"=5'



GENERAL NOTES:

1. STRUCTURE/APPURTENANCE CALLOUTS REFERENCE CENTER OF STRUCTURE/APPURTENANCE.
2. RIM ELEVATIONS LISTED ARE FOR REFERENCE ONLY AND REPRESENT APPROXIMATE FINISHED GRADE AT CENTER OF STRUCTURE. ADJUST RIM ELEVATIONS AS NEEDED TO MATCH FINISHED GRADE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, EQUIPMENT, TOOLS, AND MATERIALS NECESSARY TO PROVIDE TEMPORARY SEWER BYPASS DURING SEWER MAIN DEMOLITION AND CONSTRUCTION. SEE SP 7-08 FOR SPECIFICATIONS. DRAW POINT FOR BYPASSING WILL BE MANHOLE S5-02340 AS THIS IS A DISCHARGE LOCATION FOR AN EXISTING 10" FORCEMAIN WITHIN THE 16" DUCTILE IRON INLET PIPE. TO MAKE THE FINAL CONNECTION TO MANHOLE S5-02340, THE CONTRACTOR WILL BE REQUIRED TO PUMP SEWAGE INTO A TANKER TRUCK FROM THE NORTH LEVEE PUMP STATION LOCATED AT 219 N LEVEE ROAD AND HAUL TO THE CITY'S WATER POLLUTION CONTROL PLANT (WPCP) FOR DISCHARGE. A MINIMUM 48 HOUR ADVANCED NOTICE FOR PUMP SHUT DOWN IS REQUIRED PRIOR TO COMPLETING WORK.
4. SEWER CLEANOUT LOCATIONS MAY BE ADJUSTED IN THE FIELD. COORDINATE WITH CITY CONSTRUCTION INSPECTOR FOR FINAL LOCATION.
5. THE LOCATION OF EXISTING SIDE SEWERS ARE BASED ON VIDEO INSPECTIONS OF THE MAIN AND AVAILABLE AS-BUILTS. THE LOCATION OF THE SIDE SEWER PAST THE CONNECTION TO THE MAIN IS UNKNOWN. SIDE SEWERS ARE SHOWN AS PERPENDICULAR TO THE MAIN FOR ESTIMATING PURPOSES AND IS NOT THE EXACT HORIZONTAL OR VERTICAL ALIGNMENT.
6. THE CONTRACTOR SHALL REESTABLISH ALL LIVE SEWER LATERALS.
7. ANY PRIVATE PROPERTY IMPACTED, INCLUDING LANDSCAPING, SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION BY THE CONTRACTOR.

CONSTRUCTION NOTES:

1. INSTALL NEW SIDE SEWER PER C.O.P. STD DETAIL 04.03.02 & 04.03.03 WITH CLEANOUT AND COVER PER C.O.P. STD DETAIL 04.03.05. CONNECT TO EXISTING PVC USING ROMAC 501 COUPLING OR APPROVED EQUAL. SEE SHEET D1 & D2 FOR DETAILS.
2. EXISTING OVERHEAD POWER POLE TO BE PROTECTED IN PLACE DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE NECESSARY POLE HOLD TO COMPLETE SEWER MAIN INSTALLATION AND IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SUPPORTING THE POLE DURING CONSTRUCTION.

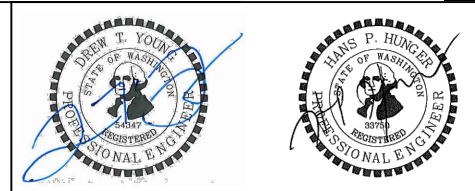
APPROVED
BY: *[Signature]*
CITY ENGINEER
CITY OF PUYALLUP
APPROVED DATE: 7/11/2022
EXPIRATION DATE: 7/11/2023
NOTE: THIS APPROVAL EXPIRES ON THE DATE SHOWN. IF CONSTRUCTION HAS NOT STARTED BY THE EXPIRATION DATE, PLANS MUST BE RESUBMITTED FOR REVIEW AND APPROVAL.
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FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE CITY ENGINEER.

EXISTING UTILITY NOTE
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RIGHT-OF-WAY DISCLAIMER
THE RIGHT OF WAY LINES AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

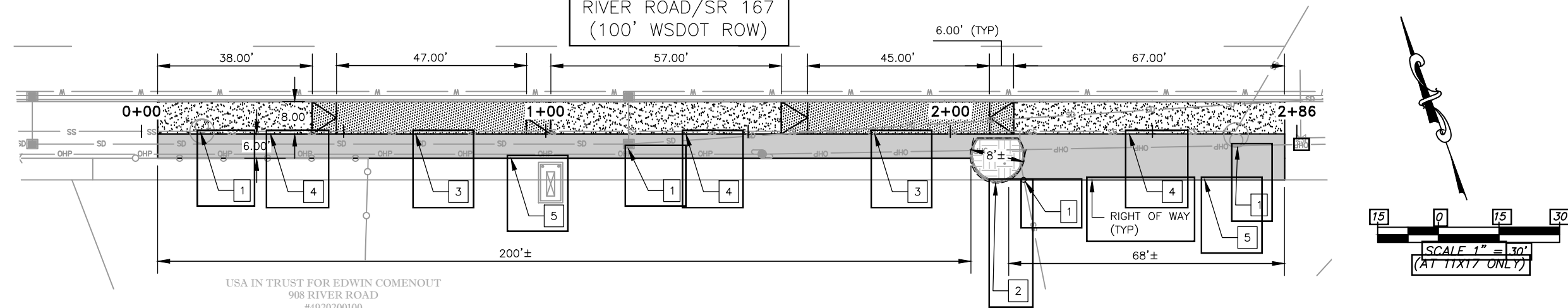
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-424-5555
UTILITIES UNDERGROUND LOCATION CENTER

DRAWN BY: D. YOUNG	ISSUE DATE: 07/11/2022				
DESIGNED BY: D. YOUNG	PROJECT NO. 22-014A				
CHECKED BY: H. HUNGER					
		NO.	DATE	REVISION	BY
					APPROVED



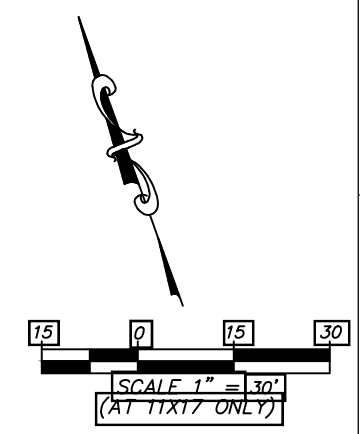
CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW
PUYALLUP, PIERCE COUNTY, WA
C3 - SEWER PLAN AND PROFILE
#22-014A
SHEET 4 OF 9

RIVER ROAD/SR 167
(100' WSDOT ROW)



USA IN TRUST FOR EDWIN COMENOUT
908 RIVER ROAD
#4920200100
(MAILING: 908 RIVER ROAD, STE A
PUYALLP, WA 98371)

RESTORATION PLAN
SCALE: 1" = 30'



GENERAL NOTES:

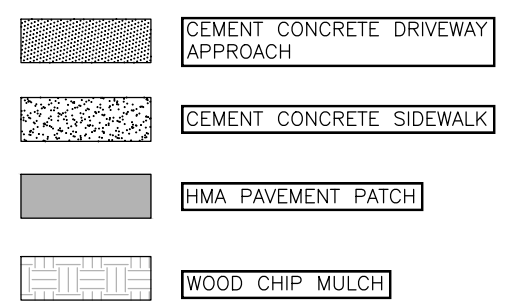
- ALL ASPHALT ADJACENT TO TRENCHING LIMITS SHALL RECEIVE A NEAT-LINE SAW-CUT PRIOR TO FINAL PAVING. SEE CITY STANDARD 01.01.20 ON SHEET D3.

CONSTRUCTION NOTES:

- RAISE STRUCTURE TO FINISHED GRADE.
- REINSTALL SALVAGED BRICK LANDSCAPE BORDER AND INSTALL THE FOLLOWING LANDSCAPING:
 - 8" (MIN.) TOPSOIL, TYPE A, AMENDMENT
 - TWO (2) - 2 GALLON TALL OREGON GRAPE SPACED 4 FEET APART.
 - 8 (8) - 1 GALLON LAVENDER SPACE 2 FEET APART.
- FINAL LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLANTING.
 - 2" TO 4" WOOD CHIP MULCH
- SEE CITY STANDARD DETAIL 01.02.08A

- INSTALL COMMERCIAL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY STANDARD DETAIL 01.02.18 ON SHEET D3.
- INSTALL CEMENT CONCRETE SIDEWALK PER CITY STANDARD DETAIL 01.02.01 ON SHEET D3.
- INSTALL 4" (MIN.) COMPACTED DEPTH HMA PER CITY STANDARD DETAIL 01.01.20 ON SHEET D3

LEGEND:



APPROVED
BY: *[Signature]*
CITY ENGINEER
CITY OF PUYALLUP
APPROVED DATE: 7/11/2022
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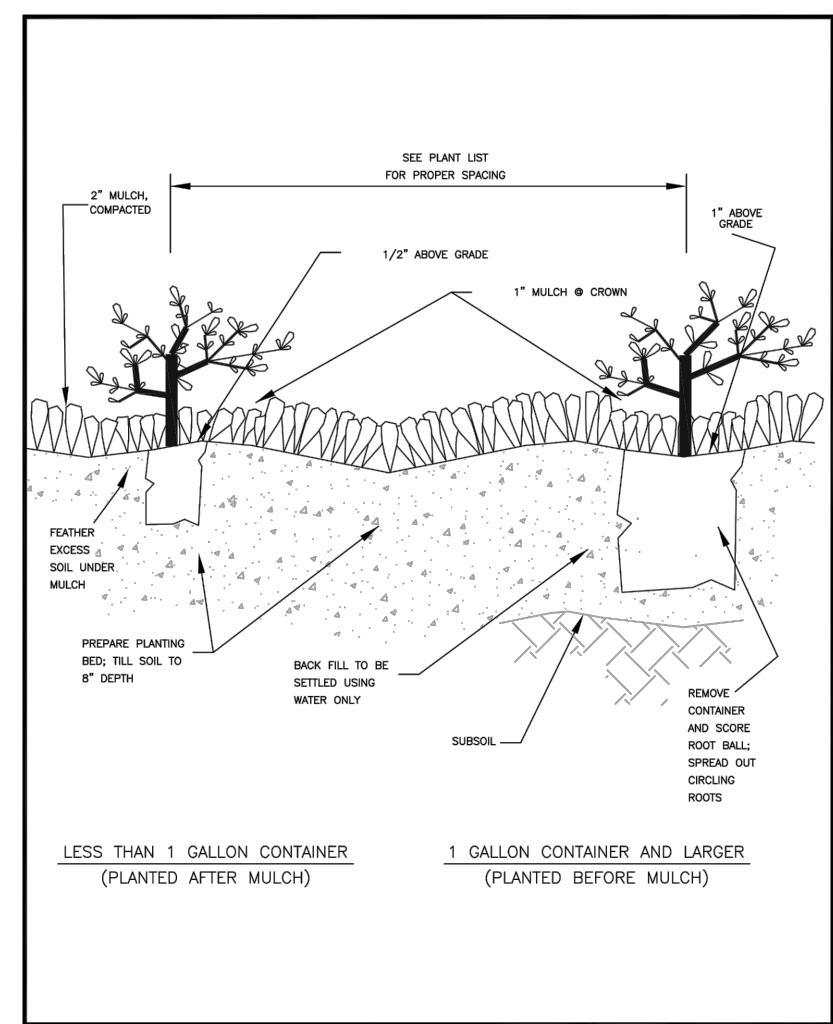
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-424-5555
UTILITIES UNDERGROUND LOCATION CENTER

EXISTING UTILITY NOTE

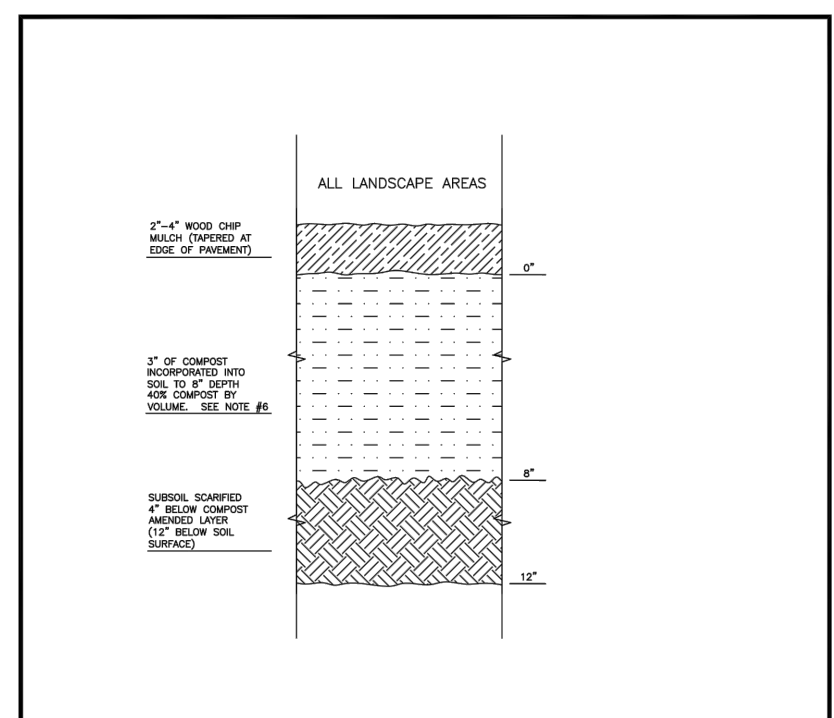
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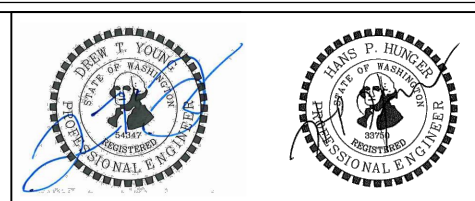
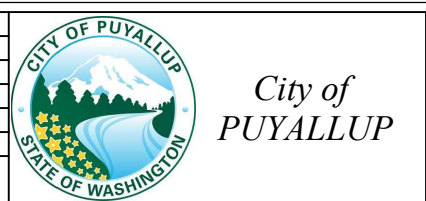


CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	GROUND COVER PLANTING DETAIL				CITY STANDARD 01.02.05
	DRAWN BY: JIM BROWN/SV/RODA	CHECKED BY: LINDA LIAN	APPROVED BY: COLLEEN HARRIS	REVISED BY: XXXX	
	FILE NAME: P:\PW\GCOMMENTS\DCITY\2009\01_02\01_02_05	DATE APPROVED: 07/01/2009	DATE REVISED: XX/XX/XX	SCALE: 4:1	



CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	SOIL AMENDMENT AND DEPTH				CITY STANDARD 01.02.08a
	DRAWN BY: LINDA LIAN	CHECKED BY: CHRIS BEALE	APPROVED BY: COLLEEN HARRIS	REVISED BY: XXXX	
	FILE NAME: P:\PW\GCOMMENTS\DCITY\2009\01_02\01_02_08	DATE APPROVED: 08/01/2013	DATE REVISED: XX/XX/XX	SCALE: 1:1	

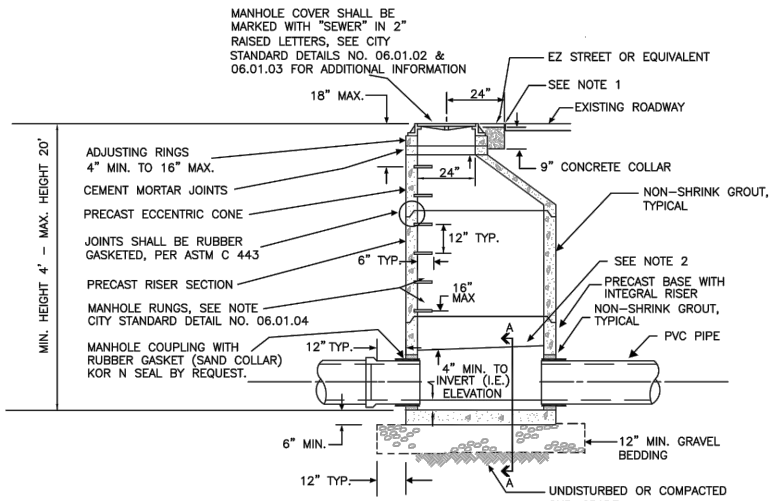
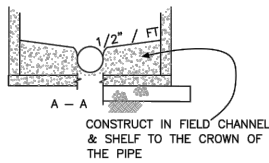
DRAWN BY: D. YOUNG	ISSUE DATE: 07/11/2022				
DESIGNED BY: D. YOUNG	PROJECT NO.: 22-014A				
CHECKED BY: H. HUNGER					
		NO.	DATE	REVISION	BY
					APPROVED



CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW
PUYALLUP, PIERCE COUNTY, WA
C4 - RESTORATION PLAN
#22-014A
SHEET 5 OF 9

NOTES:

1. NEAT LINE CUTS SHALL BE SEALED AT TOP WITH A HOT PAVING GRADE AND FACE OF CUT TACKED.
2. TOP OF SHELF, SLOPE 1/2" PER FOOT, CONSTRUCT IN FIELD CHANNEL AND SHELF TO THE CROWN OF PIPE.

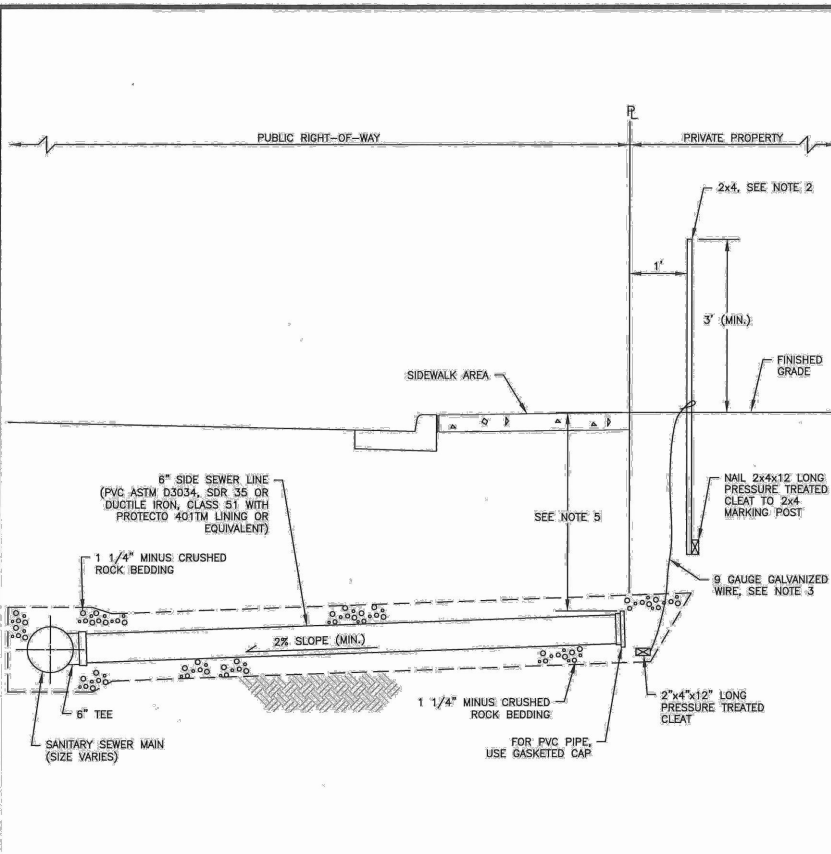


CITY OF PUYALLUP

DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SANITARY SEWER MANHOLE

DRAWN BY JIM ERWIN-SVORBODA	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN HARRIS	DESIGNED BY LINDA LIAN	CITY STANDARD
FILE NAME P:\COMMON\STDS\CITY2009\04_SS\04.01\04.01.01	DATE APPROVED 07/11/2022	DATE REVISION 06/23/12	SCALE 1"=4'	04.01.01



NOTES:

1. SIDE SEWER STUBS SHALL BE INSTALLED TO EACH BUILDING LOT DURING PLAY CONSTRUCTION. WHEN A LOT IS BUILT ON, THE SIDE SEWER CONNECTION SHALL BE COMPLETED AS SHOWN IN CITY STANDARD DETAIL NO. 04.03.03.
2. THE TOP ONE (1) FOOT OF THE 2X4X12" LONG PRESSURE TREATED SIDE SEWER MARKER SHALL BE EXPOSED, AND SHALL BE PAINTED TRAFFIC YELLOW AND THE DEPTH PAINTED IN BLACK ON BOTH SIDES OF THE MARKER.
3. NINE (9) GAUGE GALVANIZED WIRE TO BE ATTACHED TO THE 2X4X12 CLEAT AND ATTACHED TO THE MARKER POST ABOVE FINISHED GRADE.
4. IN LOCATION WHERE SIDEWALKS ARE NOT PRESENT NOR REQUIRED THE CONTRACTOR SHALL POUR A CONCRETE COLLAR AS DIRECTED BY THE CITY ENGINEER. SEE CITY STANDARD DETAIL NO. 04.03.05 FOR FRAME AND COVER INFORMATION.
5. END OF SIDE SEWER SHALL HAVE A FIVE (5) FOOT MINIMUM COVER AT THE PROPERTY LINE.
6. SEWER PIPE TRENCHING, BEDDING AND BACKFILL SHALL CONFORM TO CITY STANDARD 06.01.01.



CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER



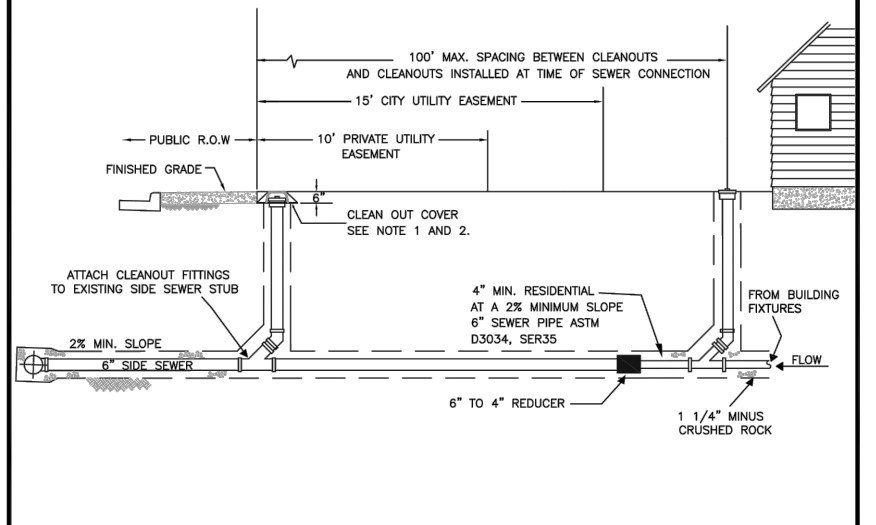
SIDE SEWER STUB WHEN UTILITY EASEMENT DOES NOT EXIST

CITY STANDARD 04.03.02

DATE ISSUED: 3/13/2020

RESIDENTIAL SIDE SEWER CONNECTION

1. PRIOR TO CONNECTING A NEW LATERAL TO AN EXISTING SEWER STUB, THE STUB MUST BE INSPECTED AND APPROVED BY THE CITY ENGINEER
2. WHEN THE SEWER MAIN IS IN A RIGHT-OF-WAY, A 6" CLEAN OUT IS REQUIRED AT THE EDGE OF THE RIGHT-OF-WAY.
3. WHEN THE SEWER MAIN IS IN AN EASEMENT, A 6" CLEAN OUT IS REQUIRED AT THE EDGE OF THE EASEMENT.
4. EACH CLEAN OUT ASSEMBLY SHALL CONSIST OF: ONE CLEAN OUT ADAPTOR, (HUB x FEMALE INSIDE PIPE THREAD, P.V.C. SLIP IN), AND ONE CLEAN OUT PLUG (MALE OUTSIDE THREAD WITH RAISED NUT, P.V.C. SDR 35).
5. FOR NON-VEHICULAR TRAFFIC INSTALLATIONS USE "CARSON" MODEL 910 GREEN YARD BOX WITH BOLT DOWN LID MARKED SEWER OR APPROVED EQUAL.
6. FOR ASPHALT, GRAVEL, OR TRAFFIC INSTALLATIONS SEE CITY STANDARD DETAIL NO. 04.03.05 FRAME AND COVER SECTION.
7. SEWER PIPE, TRENCHING, BEDDING AND BACKFILL SHALL CONFORM TO CITY STANDARD NO. 06.01.01



CITY OF PUYALLUP

DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SIDE SEWER RESIDENTIAL CONNECTION

DRAWN BY JIM ERWIN-SVORBODA	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN HARRIS	DESIGNED BY LINDA LIAN	CITY STANDARD
FILE NAME P:\COMMON\STDS\CITY2009\04_SS\04.03\04.03.03	DATE APPROVED 07/11/2022	DATE REVISION 06/23/12	SCALE 1"=4'	04.03.03

APPROVED

BY: *[Signature]*
CITY ENGINEER
CITY OF PUYALLUP

APPROVED DATE: 7/11/2022

EXPIRATION DATE: 7/11/2023

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DRAWN BY: D. YOUNG

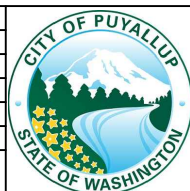
ISSUE DATE: 07/11/2022

DESIGNED BY: D. YOUNG

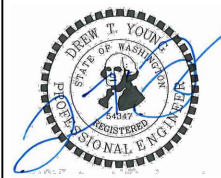
PROJECT NO.: 22-014A

CHECKED BY: H. HUNGER

NO.	DATE	REVISION	BY	APPROVED



City of PUYALLUP



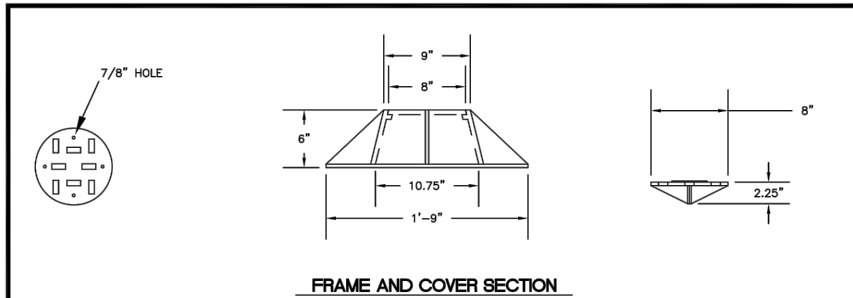
CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW

PUYALLUP, PIERCE COUNTY, WA

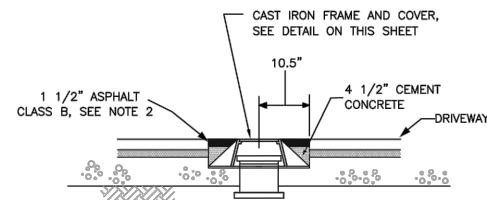
D1 - CITY STANDARD DETAILS

#22-014A

SHEET 6 OF 9



SCALE 1:1

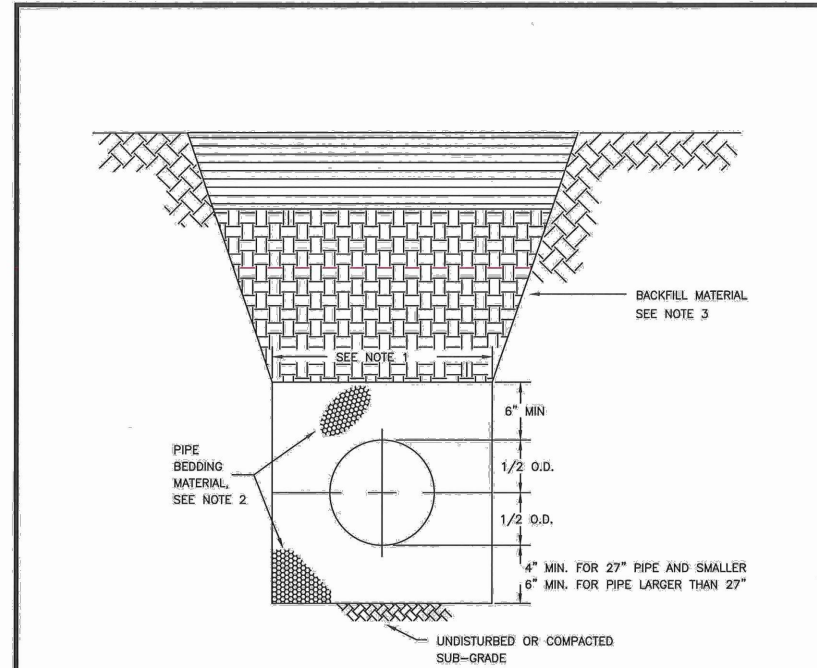


NOTES

1. NEAT LINE CUT SHALL BE SEALED AT THE TOP WITH A HOT PAVING GRADE ASPHALT AND FACE OF CUT TACKED.
2. ALL MATERIAL SHALL CONFORM TO THE 1991 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PREPARED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER.
3. MACHINE BEARING FACES OF FRAME AND COVER TO INSURE POSITIVE FIT.
4. EACH CLEAN OUT ASSEMBLY SHALL CONSIST OF: ONE CLEAN OUT ADAPTOR (HUB X FEMALE INSIDE PIPE THREAD, P.V.C. SLIP IN), AND ONE CLEAN OUT PLUG (MALE OUTSIDE PIPE THREAD WITH RAISED NUT, P.V.C. SDR35).

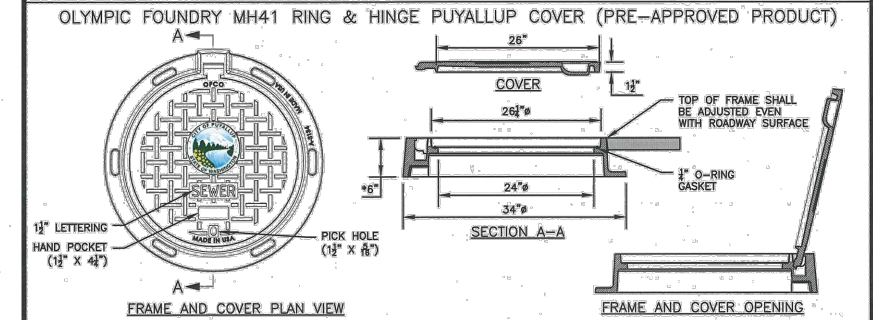
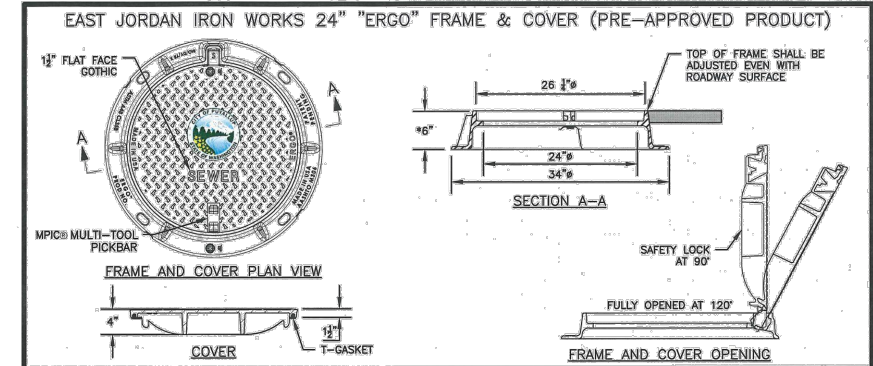
SCALE 1:2

<p>CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS</p>	SIDE SEWER CLEAN OUT WHEN PLACED IN DRIVEWAY				<p>CITY STANDARD</p> <p>04.03.05</p>
	<p>DRAWN BY JIM ERWIN-SVORODA</p>	<p>CHECKED BY LINDA LIAN</p>	<p>APPROVED BY COLLEEN HARRIS</p>	<p>REVISED BY XXXX</p>	
<p>FILE NAME: P:\PW\COMMON\STDS\CITY\STDS\04_0304_0305.DWG</p>					



1. TRENCHING SHALL MEET THE REQUIREMENTS OF SECTION 7-08.3(1)A AND 2-06.3(1) OF THE WSDOT SPECIFICATIONS.
2. BEDDING MATERIAL SHALL CONFORM TO 9-03.12(3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
3. GRAVEL BACKFILL SHALL CONFORM TO 9-03.12(1)A GRAVEL BACKFILL FOR FOUNDATIONS, CLASS A.

<p>CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER</p>	PIPE TRENCHING BEDDING AND BACKFILL				<p>CITY STANDARD</p> <p>06.01.01</p>
	<p>DRAWN BY JIM ERWIN-SVORODA</p>	<p>CHECKED BY TED HILL</p>	<p>APPROVED BY MARK PALMER</p>	<p>REVISED BY V STOCKMAN</p>	
<p>FILE NAME: P:\PW\COMMON\STDS\CITY\STDS\06_0101.DWG</p>					



- NOTES:**
1. EAST JORDAN IRON WORKS 24" "ERGO" AND OLYMPIC FOUNDRY MH41 RING & HINGE PUYALLUP COVER ARE PRE-APPROVED PRODUCTS AND SHALL BE USED FOR PUBLICLY-OWNED INFRASTRUCTURE. ALL OTHERS REQUIRE WRITTEN APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
 2. MANHOLE FRAME AND COVERS SHOULD NOT BE LOCATED IN PEDESTRIAN PATHWAYS (E.G. SIDEWALKS, CROSSWALKS, ETC.). WHERE EXISTING OR PROPOSED CONDITIONS REQUIRE A MANHOLE FRAME AND COVER TO BE INSTALLED WITHIN A PEDESTRIAN PATHWAY, THE MANHOLE FRAME AND COVER SHALL BE ADA COMPLIANT.
 3. NON-ROCKING FIT FOR MANHOLE COVERS.
 4. CASTING TO BE SHOT BLASTED AND FREE FROM SURFACE SAND AND SCALE.
 5. CASTING TO BE SMOOTH, TRUE TO PATTERN, FREE FROM BLOWHOLES, POROSITY HARD SPOTS, SHRINK HOLES, WARP, OR ANY OTHER DEFECTS WHICH COULD IMPAIR SERVICEABILITY.
 6. CASTINGS SHALL BE UNCOATED.
 7. FOR STORM APPLICATIONS CAST LETTERS SHALL READ "STORM".
 8. INSTALL FRAME AND COVER IN ROADWAY WITH HINGED SIDE OF ASSEMBLY POINTED TOWARD ONCOMING TRAFFIC.
 9. THE CITY SHALL HAVE THE RIGHT TO REQUIRE INSPECTION AND APPROVAL OF ALL CASTINGS PRIOR TO PAINTING.
 10. REPAIR OR DEFECTS BY WELDING, OR BY THE USE OF "SMOOTH-ON" OR SIMILAR MATERIAL WILL NOT BE PERMITTED.
 11. MANHOLE RING AND COVER SHALL BE FREE OF POROSITY, SHRINK CAVITIES, COLD SHUTS OR CRACKS OR ANY SURFACE DEFECTS WHICH WOULD IMPAIR SERVICEABILITY.
- * FRAME HEIGHT MAY BE 4" FOR OVERLAYS AND PAVEMENT REHABILITATION PROJECTS, WITH WRITTEN APPROVAL BY THE CITY ENGINEER.

<p>CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER</p>	MANHOLE FRAME AND COVER				<p>CITY STANDARD 06.01.02</p>
	<p>DRAWN BY JIM ERWIN-SVORODA</p>	<p>CHECKED BY LINDA LIAN</p>	<p>APPROVED BY COLLEEN HARRIS</p>	<p>REVISED BY XXXX</p>	
<p>FILE NAME: P:\PW\COMMON\STDS\CITY\STDS\06_0102.DWG</p>					

APPROVED

BY:

CITY ENGINEER
CITY OF PUYALLUP

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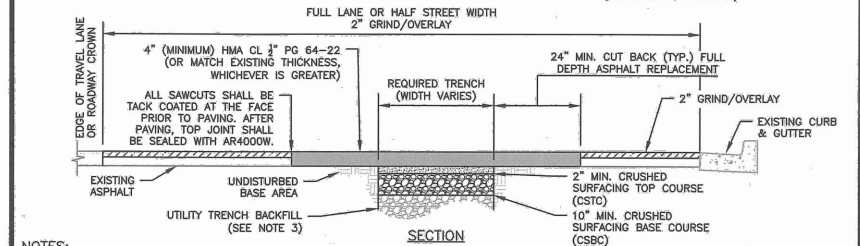
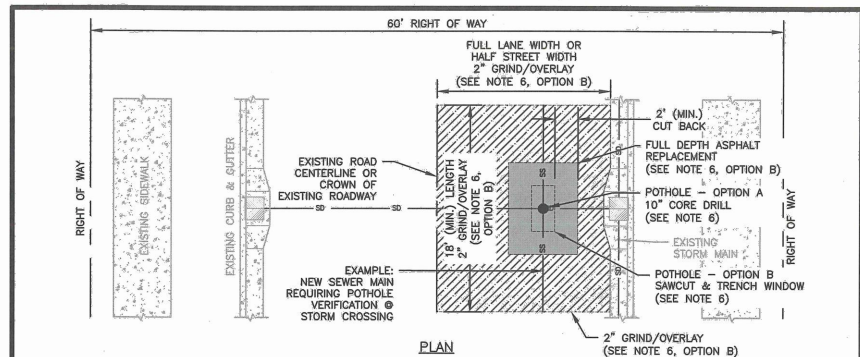
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DESIGNED BY: D. YOUNG	PROJECT NO. 22-014A				
CHECKED BY: H. HUNGER					
		NO.	DATE	REVISION	BY
					APPROVED

City of
 PUYALLUP

**CITY OF PUYALLUP - RIVER ROAD SEWER
REPLACEMENT - 9TH ST SW TO 11TH ST SW**
 PUYALLUP, PIERCE COUNTY, WA
D2 - CITY STANDARD DETAILS (CONT.)
#22-014A

SHEET 7 OF 9



- NOTES:**
- BASE AND SUBBASE MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY.
 - ALL DEPTHS INDICATED ARE A MINIMUM COMPACTED DEPTH.
 - INITIAL BACKFILLING SHALL BE PERFORMED ONLY AFTER INSPECTION AND APPROVAL OF THE INSTALLED PIPE OR STRUCTURE. THE TRENCH BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL NO. 06.01.01.
 - ALL BACKFILL FOR PIPE TRENCHES SHALL BE MECHANICALLY COMPACTED BY A POWER-OPERATED MECHANICAL TAMPER(S) AS SPECIFIED IN WSDOT STANDARD SPEC. 2-03.3 (14)C, COMPACTING EARTH EMBANKMENTS, METHOD C OF THE WSDOT STANDARD SPECIFICATIONS.
 - IF PAVING SURFACES ADJACENT TO THE TRENCH OPENING MAY BE DAMAGED WHERE TRENCHES ARE MADE PARALLEL TO THE STREET, OR WHERE A NUMBER OF CROSS TRENCHES ARE LAID IN CLOSE PROXIMITY TO ONE ANOTHER OR WHERE THE EQUIPMENT USED MAY CAUSE SUCH DAMAGE, THE CITY ENGINEER MAY REQUIRE A NEGOTIATED CONTRIBUTION FROM THE PERMITTEE FOR RESURFACING IN LIEU OF PATCHING.
 - IF THE TOTAL AREA OF THE PROPOSED PATCH OR PROBABLE DAMAGED AREA EXCEEDS 25 PERCENT OF THE TOTAL PAVEMENT SURFACING BETWEEN CURB FACES OR BETWEEN CONCRETE GUTTER EDGES IN ANY BLOCK, SUCH NEGOTIATIONS SHALL BE CARRIED ON AND CONTRIBUTIONS AGREED UPON PRIOR TO ISSUANCE OF A PERMIT. SUCH CONTRIBUTIONS SHALL BE IN ADDITION TO THE STANDARD PERMIT FEE.
 - POTHOLES FOR UTILITIES:**
 OPTION A - UP TO A 10" DIAMETER CORE DRILL IS ALLOWED. CORE HOLES MADE DURING UTILITY POTHOLES SHALL BE BACKFILLED WITH COF TO WITHIN 4" OF FINISHED GRADE. 4" OF HMA SHALL THEN BE PLACED AND COMPACTED, FLUSH WITH EXISTING GRADE.
 OPTION B - FOR POTHOLE WINDOWS LARGER THAN 10" IN DIAMETER OR TRENCHING COMPLETED IN EXISTING ROADWAY, THE CONTRACTOR SHALL MEET CITY STANDARD 06.01.01 FOR PIPE BEDDING AND BACKFILL REQUIREMENTS. PAVEMENT RESTORATION SHALL BE ACCOMPLISHED BY INSTALLING THE TRENCH PATCH, AS SHOWN HEREIN, AND THEN GRINDING/OVERLAYING TO A MINIMUM DEPTH OF 2". THE LIMITS OF THE REQUIRED GRIND/OVERLAY SHALL BE TO THE NEAREST LANE LINE, OR HALF STREET, AND SHALL BE A MINIMUM OF 18 FEET LONG (LONGITUDINALLY ALONG ROADWAY) CENTERED AT LOCATION OF PATCH. NOTE: IF EXISTING ASPHALT THICKNESS IS LESS THAN 3", FULL DEPTH PAVEMENT REPLACEMENT, IN LIEU OF GRIND/OVERLAY, TO MEET A MINIMUM ASPHALT THICKNESS OF 4" WILL BE REQUIRED.
 WHERE LOCATION OF TRENCH OR POTHOLE WINDOW INTERSECTS ROAD CENTERLINE, A MINIMUM GRIND AND OVERLAY OF ONE FULL LANE WIDTH (12') IS REQUIRED CENTERED ON ROADWAY. NO LONGITUDINAL JOINTS WILL BE ALLOWED IN THE WHEEL PATH.

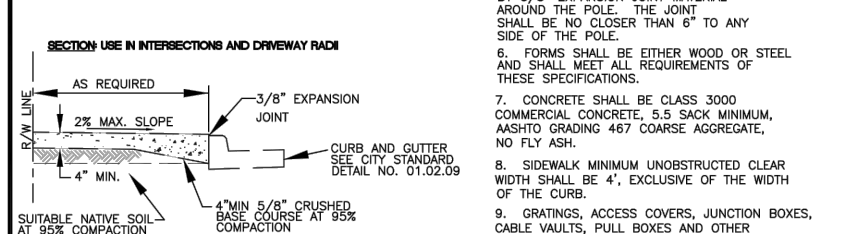
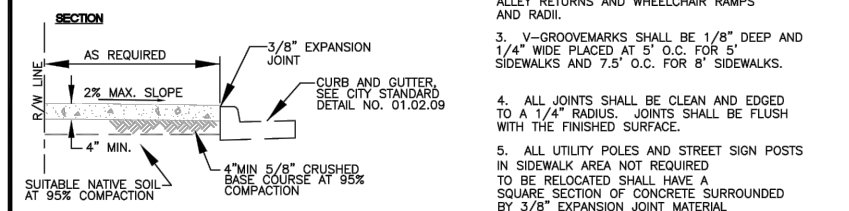
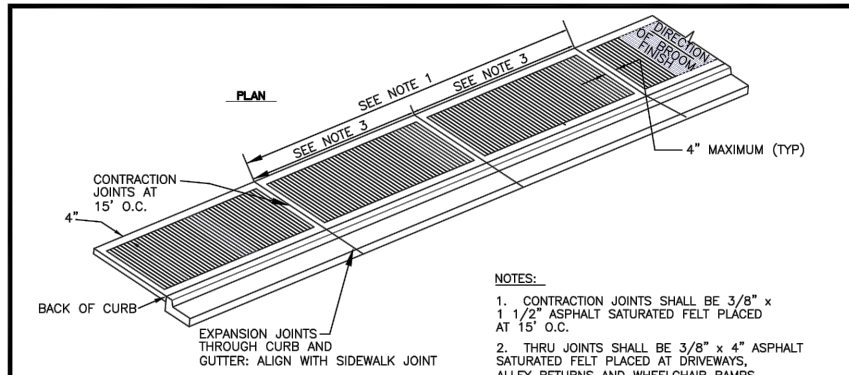
CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

STREET PATCH

CITY STANDARD 01.01.20

DATE: 07/15/18

FILE NAME: P:\PW\COMMON\STDS\CITY\2009\01_STK01.02.01

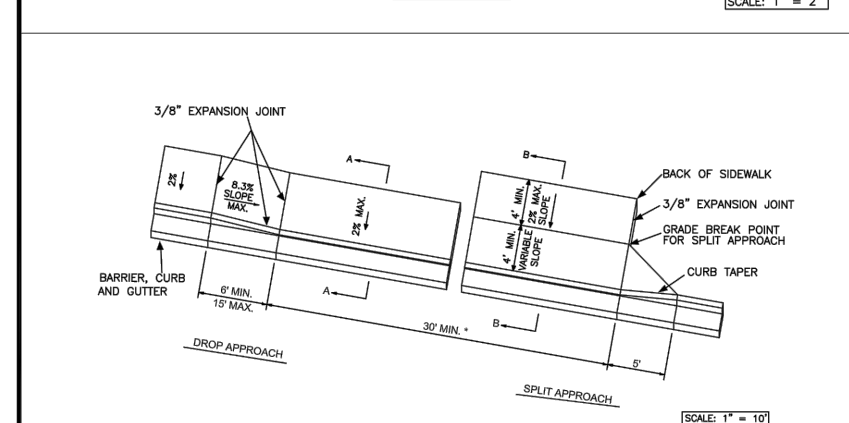
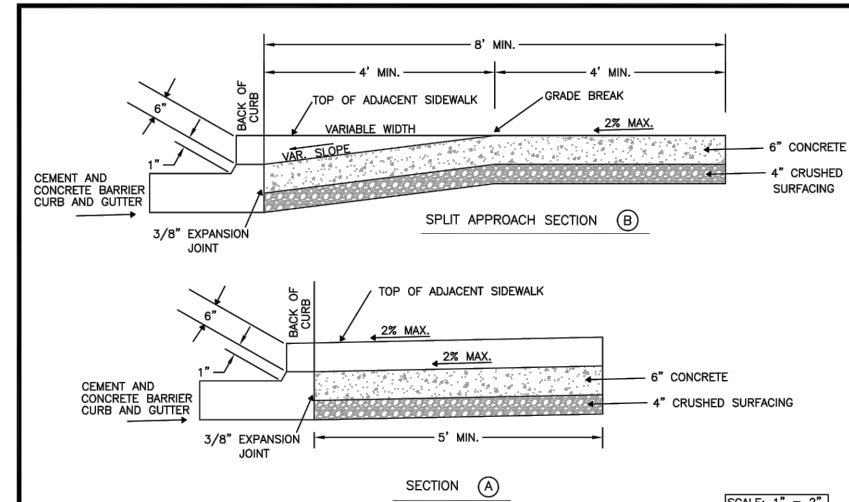


- MINIMUM SIDEWALK WIDTHS**
- 5'(RS ZONES) SINGLE FAMILY RESIDENTIAL AREAS (DETACHED DWELLINGS)
 - 8'(RS ZONES) COMMERCIAL USES, WHEN REQUIRED BY DEVELOPMENT SERVICES MANAGER
 - 8'(RM ZONES) MEDIUM AND HIGH DENSITY MULTI-FAMILY RESIDENTIAL AREAS
 - 8'(ML ZONES) INDUSTRIAL AREAS
 - 8'(CG, CBD ZONES) COMMERCIAL AREAS
 - 8'(PF ZONES) PUBLIC FACILITIES AREAS
 - 8'(F ZONES) FAIR AREAS
 - * MATCH GREATEST WIDTH FOR ANY ADJACENT ZONE

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SIDEWALK WITHOUT PLANTING STRIP

DRAWN BY: TIM ERWIN-SVORODA
CHECKED BY: LINDA LIAN
APPROVED BY: COLLEEN HARRIS
REVISED BY: LINDA LIAN
CITY STANDARD 01.02.01



- NOTES:**
- TO BE USED AS AN OPTION TO THE URBAN APPROACH WHEN GRADES ARE CREATING A SITE CONSTRAINT.
 - JOINTS IN PAVING SLAB SHALL NOT EXTEND INTO DRIVEWAY. ALL JOINTS SHALL BE CLEAN AND EDGED.
 - CONCRETE SHALL BE COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH. * 30 FEET MINIMUM WIDTH FOR TWO WAY TRAFFIC. MAXIMUM WIDTH DEPENDANT ON VEHICLE VOLUME AND DESIGN VEHICLE TYPE.
 - DROP APPROACH RAMP SHALL NOT EXCEED 8.3%, AS MEASURED WITH A SMART LEVEL, UNLESS RAMP LENGTH IS EXTENDED TO 15'.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

URBAN COMMERCIAL APPROACH ALTERNATE 2

DRAWN BY: TIM ERWIN-SVORODA
CHECKED BY: LINDA LIAN
APPROVED BY: COLLEEN HARRIS
REVISED BY: LINDA LIAN
CITY STANDARD 01.02.18

DRAWN BY: D. YOUNG	ISSUE DATE: 07/11/2022				
DESIGNED BY: D. YOUNG	PROJECT NO. 22-014A				
CHECKED BY: H. HUNGER					
		NO.	DATE	REVISION	BY
					APPROVED

CITY OF PUYALLUP
STATE OF WASHINGTON

City of PUYALLUP

DREW T. YOUNG
REGISTERED PROFESSIONAL ENGINEER

HANS P. HUNGER
REGISTERED PROFESSIONAL ENGINEER

CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW
PUYALLUP, PIERCE COUNTY, WA
D3 - CITY STANDARD DETAILS (CONT.)
#22-014A

SHEET 8 OF 9

APPROVED

BY: *[Signature]*
CITY ENGINEER
CITY OF PUYALLUP

APPROVED DATE: 7/11/2022

EXPIRATION DATE: 7/11/2023

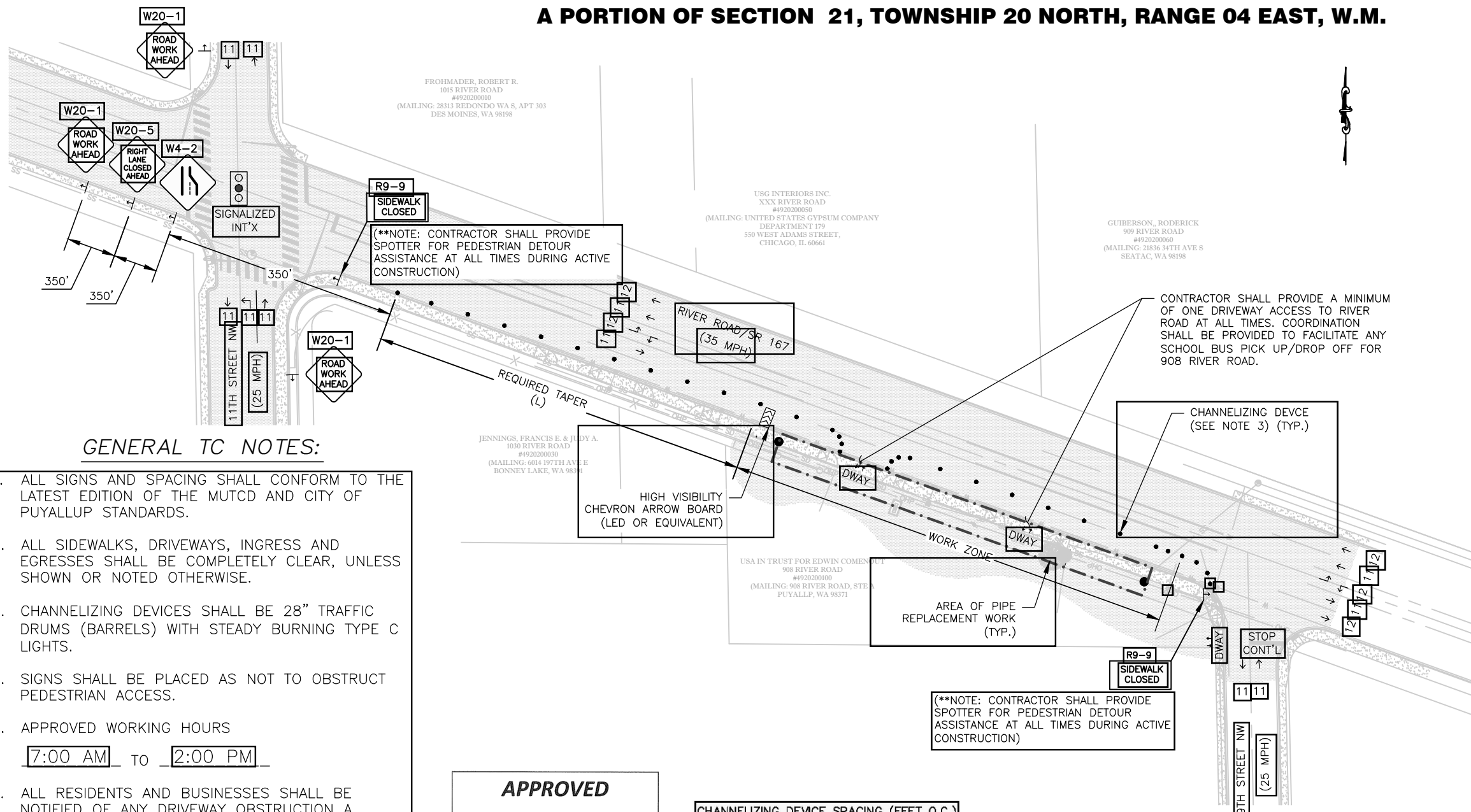
NOTE: THIS APPROVAL EXPIRES ON THE DATE SHOWN. IF CONSTRUCTION HAS NOT STARTED BY THE EXPIRATION DATE, PLANS MUST BE RESUBMITTED FOR REVIEW AND APPROVAL.

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE CITY ENGINEER.

A PORTION OF SECTION 21, TOWNSHIP 20 NORTH, RANGE 04 EAST, W.M.

WSDOT NOTES:



1. NOTIFY WSDOT AT LEAST 5 DAYS PRIOR TO STARTING WORK.
2. AT TIME OF WORK, CALL WSDOT RADIO AT THE TIME THE LANE IS CLOSED (OR INTERSECTION FLAGGED); AND AGAIN WHEN THE LANE/INTERSECTION IS OPENED. LEAVE A CONTACT NAME AND CELL PHONE NUMBER WITH RADIO.
3. FLAGGERS SHALL BE IN RADIO CONTACT WITH EACH OTHER AT ALL TIMES; FLAGGER STATIONS SHALL BE ILLUMINATED DURING HOURS OF DARKNESS WITH A MINIMUM 150W LIGHT.
4. ONLY ESSENTIAL EQUIPMENT AND MATERIALS SHALL BE ON WSDOT R/W DURING NON-WORKING HOURS.
5. ALL CHANNELIZING DEVICES SHALL BE TRAFFIC SAFETY DRUMS UNLESS NOTED OTHERWISE. ANY CHANNELIZING DEVICES USED DURING HOURS OF DARKNESS SHALL HAVE A STEADY BURN, TYPE C LIGHTS.
6. DURING NON-WORKING HOURS, WORK AREA SHALL MEET CRITERIA IN WSDOT STD. SPECS. 1-07.23; INCLUDING, BUT NOT LIMITED TO, 'DROP OFF PROTECTION. SIGNS ARE TO BE 48" X 48" RETRO REFLECTIVE AND SIGNS AND STANDS SHALL MEET THE (NCHRP) 350 CRASH WORTHY REQUIREMENTS. SEE STD. SPEC 1-10.2(3) (CONFORMANCE TO ESTABLISHED STANDARDS) PAGE 1-108 IN THE 2022 STANDARD SPECIFICATIONS MANUAL.
7. ALL PERSONNEL SHALL WEAR HIGH-VISIBILITY APPAREL MEETING THE ANSI/ISEA 107-2004 CLASS 2 OR 3 STANDARD. DURING HOURS OF DARKNESS, FLAGGING STATIONS SHALL BE ILLUMINATED. (SEE STD. SPEC 1-10.3(1)A (FLAGGERS AND SPOTTERS). THE CONTRACTOR SHALL PROVIDE PORTABLE LIGHTING EQUIPMENT CAPABLE OF SUFFICIENTLY ILLUMINATING A FLAGGER AND THEIR STATION WITHOUT CREATING GLARE FOR ONCOMING MOTORISTS, YET WILL MEET THE MOBILITY REQUIREMENTS OF THE OPERATION. THE LIGHTING STATIONS SHALL BE LOCATED ON THE SAME SIDE OF THE ROADWAY AS THE FLAGGER AND AIMED EITHER PARALLEL OF PERPENDICULAR TO THE TRAVELED LANES TO MINIMIZE GLARE. THE LIGHTING DEVICES SHALL BE LOCATED 5 TO 10 FEET FROM THE EDGE OF TRAVEL LANE WITH A MOUNTING HEIGHT OF 15 - 25 FEET ABOVE THE 25 FEET ABOVE THE GROUND. THE FLAGGER SHOULD BE VISIBLE AND DISCERNABLE AS A FLAGGER FROM A DISTANCE OF 1,000 FEET.

GENERAL TC NOTES:

1. ALL SIGNS AND SPACING SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD AND CITY OF PUYALLUP STANDARDS.
2. ALL SIDEWALKS, DRIVEWAYS, INGRESS AND EGRESS SHALL BE COMPLETELY CLEAR, UNLESS SHOWN OR NOTED OTHERWISE.
3. CHANNELIZING DEVICES SHALL BE 28" TRAFFIC DRUMS (BARRELS) WITH STEADY BURNING TYPE C LIGHTS.
4. SIGNS SHALL BE PLACED AS NOT TO OBSTRUCT PEDESTRIAN ACCESS.
5. APPROVED WORKING HOURS
7:00 AM to 2:00 PM
6. ALL RESIDENTS AND BUSINESSES SHALL BE NOTIFIED OF ANY DRIVEWAY OBSTRUCTION A MINIMUM OF 48 HOURS IN ADVANCE OF REQUIRED OBSTRUCTION.
7. CONTRACTOR SHALL NOTIFY COMM CENTER TO ADVISE OF LANE RESTRICTION. 253-841-5431.
8. 1 WEEK MINIMUM ADVANCE NOTIFICATION SHALL BE REQUIRED PRIOR TO BEGINNING CONSTRUCTION. VARIABLE MESSAGE BOARDS (PCMS) SHALL BE UTILIZED FOR NOTIFICATION.

APPROVED

BY: *[Signature]*
CITY ENGINEER
CITY OF PUYALLUP

APPROVED DATE: 7/11/2022

EXPIRATION DATE: 7/11/2023

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CHANNELIZING DEVICE SPACING (FEET O.C.)

MPH	TAPER	TANGENT
55/70	40	80
35/45	30	60
25/30	20	40

ONE-LANE, TWO-WAY/FLAGGER TAPER
APPROXIMATELY 20 FEET O.C.

DOWNSTREAM OR TERMINATION TAPER
APPROXIMATELY 20 FEET O.C.

SIGN SPACING = X (FEET)

ROAD TYPE	SPEED	DISTANCE BETWEEN SIGNS
FREWAYS & EXPRESSWAYS	55/70 MPH	1500+ (OR AS PER MUTCD)
RURAL HIGHWAYS	60/65 MPH	800+--
RURAL ROADS	45/55 MPH	500+--
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350+--
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200+-(2)
URBAN STREETS	25 MPH OR LESS	100+-(2)

ALL SIGNS ARE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

TAPER/CHANNELIZING DEVICE TABLE

$L = (W * S^2) / 60$

LANE WIDTH	10 FEET				11 FEET				12 FEET				SHOULDER TAPERS (ASSUMES 10' SHOULDER)		
	M	D	S	L	M	D	S	L	M	D	S	L	M	D	S
20	70'	5	35'	3	75'	5	40'	3	80'	5	40'	3	20	25'	3
25	105'	6	55'	4	115'	7	60'	4	125'	7	65'	4	25	35'	3
30	150'	8	75'	5	165'	9	85'	5	180'	10	90'	5	30	50'	3
35	205'	8	105'	5	225'	9	115'	5	245'	9	125'	5	35	70'	4
40	270'	10	135'	6	285'	11	150'	6	320'	12	160'	6	40	90'	4
45	450'	16	225'	9	485'	18	250'	9	540'	19	270'	10	45	150'	6
50	600'	14	250'	8	650'	15	275'	8	600'	16	300'	9	50	170'	6
55	550'	15	275'	8	605'	16	305'	9	660'	18	330'	9	55	185'	6
60	600'	16	300'	9	660'	18	330'	9	720'	19	360'	10	60	200'	6
65	650'	17	325'	9	715'	19	370'	10	780'	21	390'	11	65	220'	7
70	700'	19	350'	10	770'	20	385'	11	840'	22	420'	12	70	235'	7

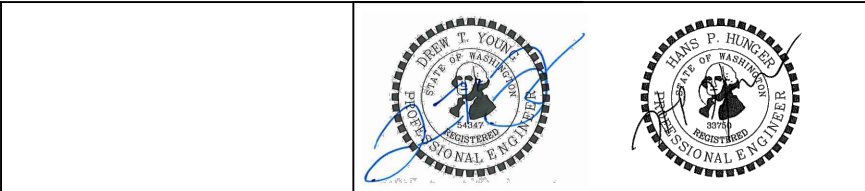
* FOR SHOULDER TAPER, EQUALS SHOULDER WIDTH X SPEED. FIGURES SHOWN ARE FOR A 10' SHOULDER.

RIGHT-OF-WAY DISCLAIMER

THE RIGHT OF WAY LINES AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-424-5555
UTILITIES UNDERGROUND LOCATION CENTER

DRAWN BY: D. YOUNG	ISSUE DATE: 07/11/2022				
DESIGNED BY: D. YOUNG	PROJECT NO.: 22-014A				
CHECKED BY: H. HUNGER					
NO.	DATE	REVISION	BY	APPROVED	



CITY OF PUYALLUP - RIVER ROAD SEWER REPLACEMENT - 9TH ST SW TO 11TH ST SW
PUYALLUP, PIERCE COUNTY, WA
TCP1 - TRAFFIC CONTROL PLAN - SINGLE LANE CLOSURE
#22-014A

SHEET **9** OF **9**