PHONE: (425) 864-4355

1145 BROADWAY, SUITE 115 TACOMA. WA 98402 CONTACT: MARC PUDISTS, P.E. EMAIL: MARCP@MOMENTUMCIVIL.COM PHONE: (253) 319-1505

CONTACT: DREW HARRIS, P.E. EMAIL: DREWH@MOMENTUMCIVIL.COM PHONE: (253) 319-1506

SURVEYOR

INFORMED LAND SURVEY PO BOX 5137 TACOMA, WA 98415 CONTACT: EVAN WAHLSTROM EMAIL: EWAHLSTROM@I-LANDSURVEY.COM PHONE: (253) 627-2070

ARCHITECT TG ARCHITECT

16198 SE 48TH DRIVE BELLEVUE, WASHINGTON 98006 CONTACT: THERESA K. GREENE EMAIL: TG.ARCHITECT@COMCAST.NET PHONE: (425) 830-3245

CONTRACTOR

GENERAL 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 APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET
- OF APPROVED 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DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
- 4. 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 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. 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 THAT REQUIRES REMOVAL OR RELOCATION
- RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE. 8. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN
- UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS. 10. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED
- WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET. 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. 12. 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. 13. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE. 14. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF
- ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360)407-6300. . ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR
- SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN

FLOODPLAIN NOTE

PER FIRM PANEL 53053C0333E (EFFECTIVE ON 03/07/2017) THIS PROJECT IS WITHIN ZONE AE.

SITE INFORMATION

PARCEL NUMBER(S): 0420214051 PROJECT ADDRESS: 733 RIVER ROAD, PUYALLUP, WA 98371 PARCEL AREA: 11.338 ACRES

SURFACE COVERAGE SUMMARY: REPLACED IMPERVIOUS SURFACE:

NEW POLLUTION GENERATING IMPERVIOUS SURFACE: 0+/- SF (0.00 AC) LANDSCAPING/TOPSOIL AMENDMENT AREA: TOTAL DISTURBED AREA: 800+/- SF (0.02 AC)

SITE VOLUME CALCULATIONS

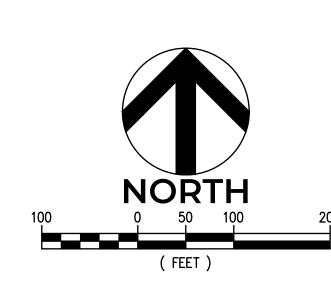
CUT VOLUME

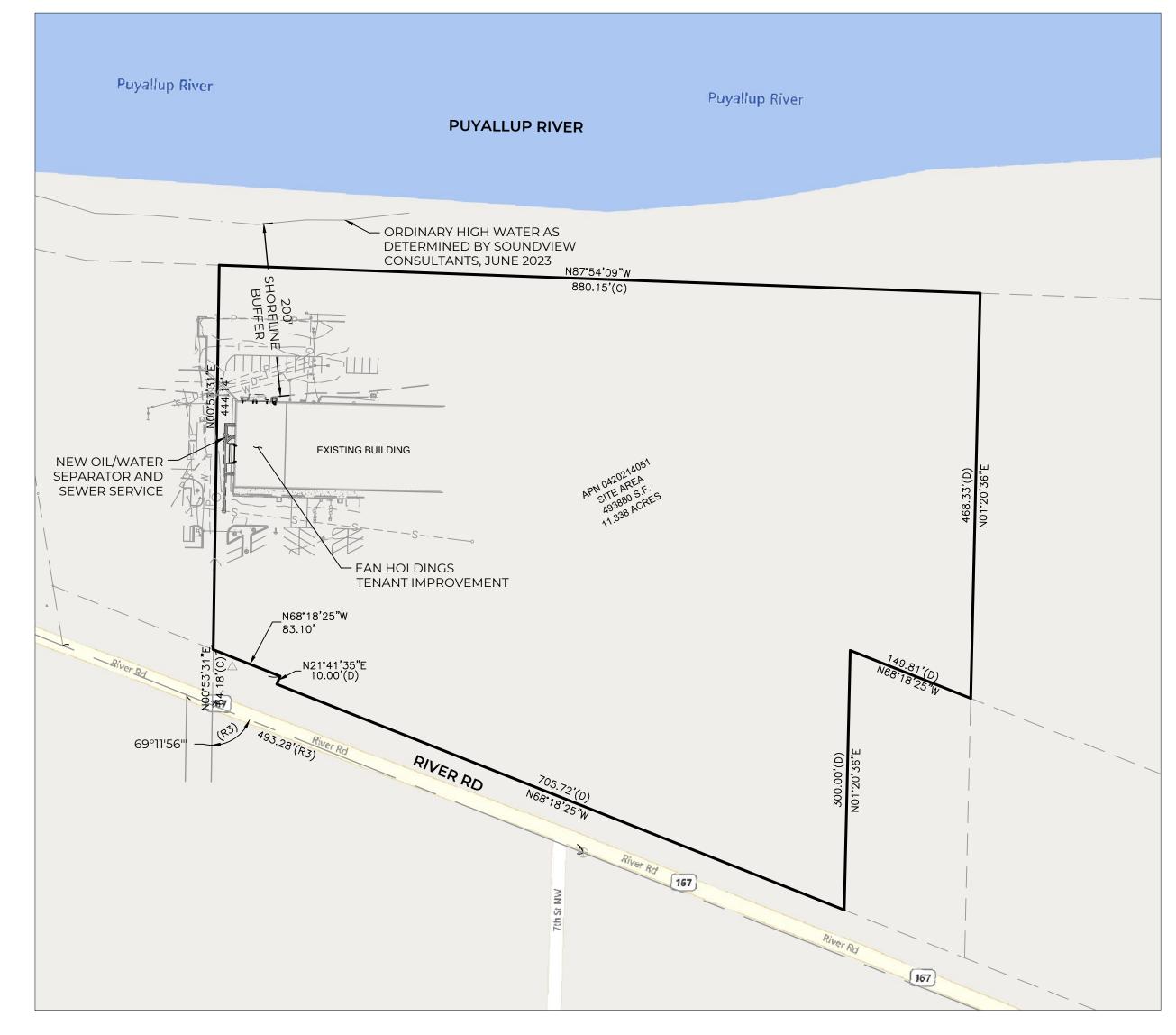
800+/- SF (0.02 AC)

EARTHWORK NOTE: ALL VOLUMES ARE APPROXIMATE AND ARE PROVIDED FOR PERMITTING PURPOSES ONLY AND REPRESENT THE FINISH GRADE TO EXISTING GRADE AS SHOWN ON THE PLANS. CONTRACTOR SHALL RELY ON THEIR OWN ESTIMATES FOR DETERMINING ACTUAL EARTHWORK QUANTITIES. THE VOLUMES LISTED ABOVE DO NOT ACCOUNT FOR STRIPPINGS, IMPORTED SUBGRADE MATERIALS, PAVEMENT DEPTHS, TRENCHING, STRUCTURAL EXCAVATION, EXPANSION/COMPACTION FACTORS, OR ANY SOIL TYPE

SW 1/4, SE 1/4, SECTION 21, TOWNSHIP 20N, RANGE 4E, W.M.

ENTERPRISE PUYALLUP TENANT IMPROVEMENT





FILL SPECIFICATION

FILL MATERIAL SHALL NOT CONTAIN PETROLEUM PRODUCTS, OR ANY KNOWN SUBSTANCES THAT ARE TOXIC, HAZARDOUS, DANGEROUS, OR WHICH OTHERWISE VIOLATE ANY STATE, FEDERAL, OR LOCAL LAW, ORDINANCE CODE, REGULATION RULE, ORDER, OR STANDARD OF AN AGENCY HAVING JURISDICTION . ALL FILL MATERIAL SHALL BE EARTHEN, BE CAPABLE OF COMPACTION IN COMPLIANCE WITH ASTM D1557, AND BE IN COMPLIANCE WITH THE PROJECT-SPECIFIC GEOTECHNICAL RECOMMENDATIONS.

POST-CONSTRUCTION SOIL QUALITY AND DEPTH

ALL DISTURBED SOILS THAT ARE TO REMAIN VEGETATED IN THE POST-DEVELOPED CONDITION SHALL BE AMENDED IN-PLACE TO COMPLY WITH DEPARTMENT OF ECOLOGY BEST MANAGEMENT PRACTICE (BMP) T5.14

EXISTING CONDITIONS VERIFICATION

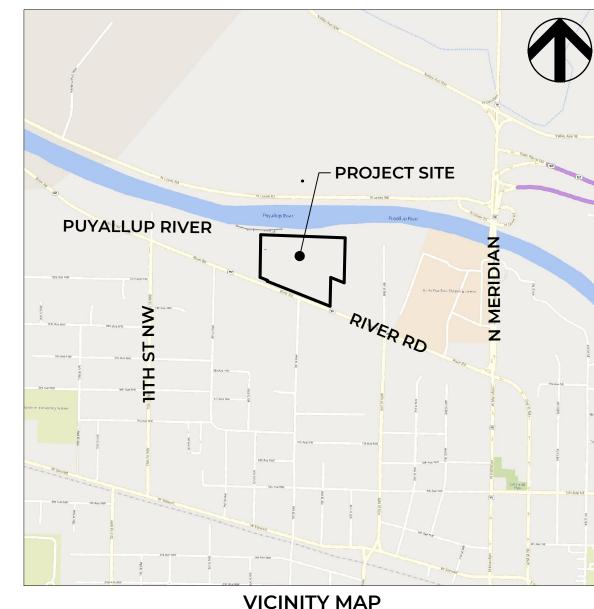
PRIOR TO ANY EXCAVATION ACTIVITIES, THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES TO IDENTIFY ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION, CONTACT PROJECT ENGINEER IF ANY CONFLICTS ARE IDENTIFIED. EXISTING UTILITIES SHALL BE POTHOLED AT THE LOCATION WHERE NEW CONNECTIONS ARE PROPOSED TO VERIFY INVERTS, MATERIALS, SIZE, AND GENERAL CONFORMANCE WITH THESE PLANS. CONTACT PROJECT ENGINEER IF CONDITIONS ARE DIFFERENT THAN ANTICIPATED.

PREPARED BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, MOMENTUM CIVIL CANNOT ENSURE ITS ACCURACY AND THUS IS NOT RESPONSIBLE FOR THE ACCURACY OF THAT INFORMATION OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE PLANS AS A RESULT.

TRENCH SAFETY

IF WORKERS ENTER ANY TRENCH OR OTHER EXCAVATION FOUR (4) OR MORE FEET IN DEPTH THAT DOES NOT MEET THE OPEN PIT REQUIREMENTS OF WSDOT SECTION 2-09.3(3)B, IT SHALL BE SHORED AND CRIBBED. THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR WORKER SAFETY AND MOMENTUM CIVIL ASSUMES NO RESPONSIBILITY. ALL TRENCH SAFETY SYSTEMS SHALL MEET THE REQUIREMENTS OF THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT, CHAPTER 49.17

CONTRACTOR UPON REQUEST. PLEASE BE AWARE THAT ELECTRONIC FILES ARE FURNISHED SOLELY FOR CONTRACTOR'S CONVENIENCE AND SHALL NOT REPLACE NOR BE USED TO THE IMPROVEMENTS ACCORDING TO THE CONTRACT DOCUMENTS.



SCALE: 1" = 1,000'

PROJECT SUMMARY

THIS PROJECT ENTAILS IMPROVEMENTS TO SUPPORT THE INTERNAL TENANT IMPROVEMENT OF THE EXISTING, FORMER WASHINGTON DRIVER'S LICENSE OFFICE SPACE TO ACCOMMODATE ENTERPRISE RENTAL CAR OPERATIONS. CIVIL IMPROVEMENTS INCLUDE: NEW OIL/WATER SEPARATOR AND SEWER CONNECTION FOR CAR WASHING ACTIVITIES MINOR ASPHALT GRADING AT TWO NEW VEHICLE DOORS. SEE SEPARATE TENANT IMPROVEMENT DRAWINGS BY ARCHITECT.

CIVIL SHEET INDEX

C1.0 CIVIL COVER C1.1 EXISTING CONDITIONS

C2.0 GRADING, UTILITY, AND TESC PLAN

C2.1 TESC AND SITE DETAILS

C2.2 UTILITY DETAILS

CONSTRUCTION SEQUENCE

. HOLD A PRECONSTRUCTION MEETING WITH THE CITY AND OBTAIN REQUIRED PERMITS.

ESTABLISH CLEARING AND GRADING LIMITS. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE

4. INSTALL INLET PROTECTION AND OTHER EROSION CONTROL DEVICES AS SHOWN. 5. CONSTRUCT PROTECTION DEVICES FOR CRITICAL AREAS AND SIGNIFICANT TREES PROPOSED

6. SCHEDULE AN EROSION CONTROL INSPECTION WITH THE CITY.

7. NO UNCONTROLLED SURFACE WATER SHALL BE ALLOWED TO LEAVE THE SITE OR BE DISCHARGED TO A CRITICAL AREA AT ANY TIME DURING THE GRADING OPERATIONS.

8. GRADING ACTIVITIES MAY BEGIN ONLY AFTER ALL DRAINAGE AND EROSION CONTROL MEASURES ARE IN PLACE.

9. IDENTIFY EROSION CONTROL MEASURES WHICH REQUIRE REGULAR MAINTENANCE

City of Puyallup Development & Permitting Services ISSUED PERMIT Building Planning Engineering Public Works Traffic APPROVED

> CITY OF PUYALLUP **ENGINEERING SERVICES**

> > Call before you dig.

NOTE: THIS APPROVAL IS VOID

AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS

DATE 8/2/2023

CONTACT: JONATHAN WIKANDER

WATER: CITY OF PUYALLUP 1100 39TH AVENUE SE PUYALLUP, WA 98374 CONTACT: CRAIG HALE EMAIL: CRAIG@PUYALLUPWA.GOV

PHONE: (253) 841-5503

1100 39TH AVENUE SE

PUYALLUP, WA 98374

PHONE: (253) 841-5505

1100 39TH AVENUE SE

PUYALLUP, WA 98374

PHONE: (253) 841-5505

STORM: CITY OF PUYALLUP

SEWER: CITY OF PUYALLUP

UTILITY PURVEYORS / SERVICES

CONTACT: JONATHAN WIKANDER

EMAIL: JONATHANW@PUYALLUPWA.GOV

EMAIL: JONATHANW@PUYALLUPWA.GOV

1145 BROADWAY, SUITE 115 TACOMA, WA 98402 DETERMINED BY THE CITY PHONE: 253.319.1504 ENGINEER

CHECKED BY: M. PUDISTS DESIGNED BY: T. BALIAN DRAWN BY: T. BALIAN

PERMIT SET

HORZ. DATUM:**NAD83** VERT. DATUM: **NAVD88** 8/1/23

SHEET NO.

PROJECT NO. ENTP0008

REFERENCE NO. **C1.0**

1 of 5

PRIOR TO ANY CONSTRUCTION ACTIVITIES, VERIFY EXISTING TOPOGRAPHY AND GENERAL SITE FEATURES ARE CONSISTENT WITH THESE PLANS AND IF THERE ARE ANY POTENTIAL CONFLICTS WITH PROPOSED IMPROVEMENTS. CONTACT PROJECT ENGINEER IF ANY CONFLICTS ARE

TOPOGRAPHIC SURVEY DISCLAIMER

THE EXISTING CULTURAL AND TOPOGRAPHIC DATA SHOWN ON THESE PLANS HAS BEEN

ELECTRONIC FILE RELEASE

AN AUTOCAD (DWG) DRAWING FILE OF THE PLANS WILL BE MADE AVAILABLE TO THE SUBSTITUTE THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING

TOPOGRAPHIC SURVEY

LEGAL DESCRIPTION

COMMENCING AT THE INTERSECTION OF THE NORTH LINE OF STATE HIGHWAY NO. 5 WITH THE WEST LINE OF 4TH STREET NORTHWEST, AS CONVEYED TO THE CITY OF PUYALLUP BY DEED RECORDED UNDER RECORDING NO. 1708035 (SAID WEST LINE HAVING A BEARING OF NORTH 001731" EAST) IN THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON; THENCE NORTH 69°21'30" WEST ALONG SAID NORTH LINE OF STATE HIGHWAY NO. 5, 570.00 FEET TO THE TRUE POINT OF BEGINNING;

AT TOP OF BANK)

THENCE CONTINUING ALONG SAID NORTH LINE OF STATE HIGHWAY NO. 5, NORTH 69'21'30" WEST 705.72 FEET;

THENCE NORTH 20°38'30" 10.00 FEET; THENCE 69'21'30" WEST 282.36 FEET TO THE BOUNDARY LINE AS DESCRIBED IN BOUNDARY LINE AGREEMENT RECORDED JANUARY 5, 1965 UNDER RECORDING NO. 2084406 AND ALSO RECORDED APRIL 25, 1969 UNDER RECORDING NO. 2291266; THENCE LEAVING SAID NORTH LINE OF STATE HIGHWAY NO. 5 AND RUNNING ALONG SAID

BOUNDARY LINE 10°23'30" WEST 372.46 FEET; THENCE SOUTH 78'20'14" EAST 40.00 FEET MORE OR LESS, TO THE NORTH-SOUTH CENTER LINE OF SAID SECTION 21; THENCE NORTH ALONG SAID CENTER LINE 30.63 FEET. MORE OR LESS. TO THE SOUTH LINE OF THE INTERCOUNTY RIVER IMPROVEMENT RIGHT OF WAY FOR THE NEW CHANNEL OF THE

THENCE EASTERLY ALONG SAID SOUTH LINE OF THE INTERCOUNTY RIVER IMPROVEMENT RIGHT OF WAY TO A POINT BEARING NORTH 001731" EAST FROM A POINT LYING NORTH 001731" EAST 300.00 FEET AND NORTH 69°21'30" WEST 420.19 FEET FROM THE INTERSECTION OF THE NORTH LINE OF STATE HIGHWAY NO. 5 WITH THE WEST LINE OF SAID 4TH STREET NORTHWEST; THENCE SOUTH 0017'31" WEST 468.33 FEET TO A LINE PARALLEL WITH AND 300.00 FEET NORTH OF THE NORTH LINE OF STATE HIGHWAY NO. 5;

THENCE ALONG PARALLEL LINE NORTH 69°21'30" WEST 149.81 FEET: THENCE SOUTH 00°17'31" WEST 300 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THAT PORTION IN THE NORTHWEST CORNER OF SAID PREMISES CONVEYED TO PIERCE COUNTY BY DEED RECORDED UNDER RECORDING NO. 2766745 FOR THE INTERCOUNTY RIVER IMPROVEMENT ROAD(60TH STREET COURT EAST)

SURVEYOR'S NOTES

PUYALLUP RIVER:

- 1. THE PURPOSE OF THIS SURVEY IS TO PROVIDE TOPOGRAPHIC INFORMATION OF A PORTION OF THE PARCEL AS DESCRIBED HEREON.
- 2. THIS SURVEY WAS MADE BY FIELD TRAVERSE USING A GEOMAX ZOOM 90 2" ROBOTIC TOTAL STATION AND A TOPCON HIPER SR GPS WITH RESULTING CLOSURES EXCEEDING THE MINIMUM ACCURACY STANDARDS AS SET FORTH BY WAC 332-130.
- 3. THE BOUNDARY CORNERS AND LINES DEPICTED ON THIS MAP REPRESENT DEED LINES ONLY. THEY DO NOT PURPORT TO SHOW OWNERSHIP LINES THAT MAY OTHERWISE BE DETERMINED BY A COURT OF LAW.
- 4. THE LEGAL DESCRIPTION IS PER RECORDS OF PIERCE COUNTY AUDITOR'S OFFICE, RECORDING NO. 202106281097, DATED JUNE 28, 2021.
- 5. FIELD WORK FOR THIS PROJECT WAS PERFORMED IN JUNE, 2022, NOVEMBER, 2022 & JULY, 2023 AND IS THEREFORE A REFLECTION OF THE CONDITIONS AT THAT TIME. ALL MONUMENTS WERE VISITED OR SET IN JUNE, 2022 & NOVEMBER, 2022 UNLESS OTHERWISE NOTED. THIS SITE CONTAINS IMPROVEMENTS NOT LOCATED OR SHOWN AS A PART OF THIS
- 6. THIS SURVEY DOES NOT PURPORT TO SHOW ALL EASEMENTS OF RECORD.
- 7. OVERHEAD UTILITY LINES SHOWN ON THIS MAP ARE INTENDED TO SHOW THE DIRECTION OF THE OVERHEAD UTILITY LINES ONLY AND DO NOT REPRESENT THE ACTUAL WIDTH, NUMBER OR LOCATION OF LINE(S) ON THE UTILITY POLES.

HORIZONTAL DATUM

THE HORIZONTAL DATUM FOR THIS SURVEY IS NAD 83/91 WASHINGTON STATE PLANE SOUTH ZONE, BASED ON RTK GPS OBSERVATION AND THE WASHINGTON STATE REFERENCE NETWORK.

VERTICAL DATUM

THE VERTICAL DATUM FOR THIS SURVEY IS NAVD88. TIES WERE MADE TO CITY OF PUYALLUP BENCHMARK #1412/NW-11-11 PUBLISHED ELEVATION OF 37.507 FEET(NGVD29) THEN CONVERTED TO NAVD88 USING CORPSCON (NGVD29+3.48'=NAVD88) (37.507'(NGVD29)+3.48'=40.987'(NAVD88)). THE MONUMENT IS LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF 11TH AVENUE NORTHWEST AND 11TH STREET NORTHWEST UNITS OF MEASUREMENT ARE U.S. SURVEY FEET.

REFERENCE SURVEYS

R1) RECORD OF SURVEY, RECORDING NO. 1382 R2) RECORD OF SURVEY, RECORDING NO. 3003

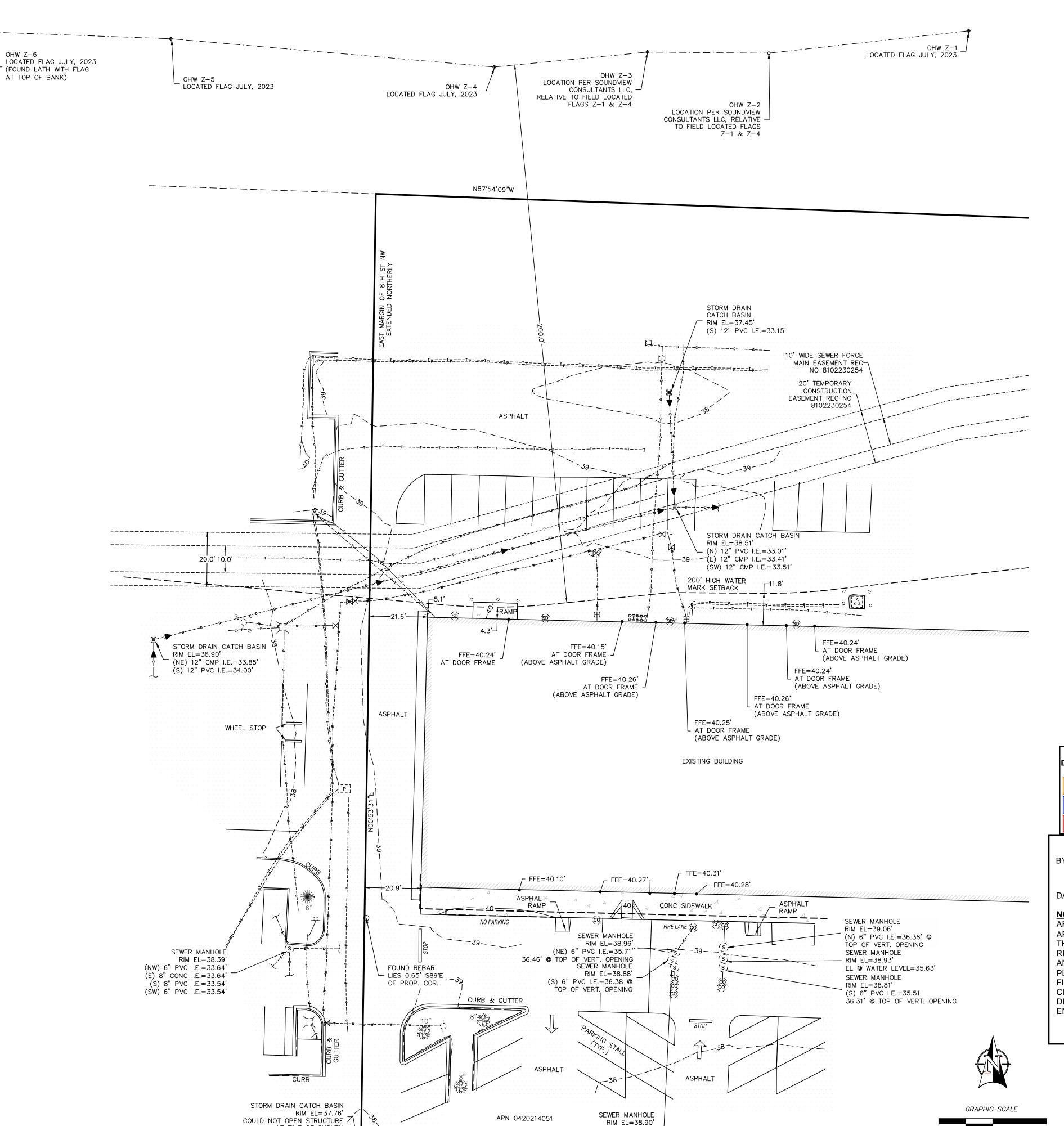
R3) CITY OF PUYALLUP SHORT PLAT, RECORDING NO. 8907280358

LEGEND

O FOUND REBAR & CAP (AS SHOWN)

RECORDS OF PIERCE COUNTY AUDITOR'S OFFICE

- → ORDINARY HIGH WATER FLAG
- [P] POWER VAULT [A] POWER TRANSFORMER
- S GAS METER
- GAS VALVE
- SD STORM DRAIN CLEANOUT
- 闰 STORM DRAIN CATCH BASIN
- (s) SEWER MANHOLE
- (o) SEWER CLEANOUT
- GUARD POST ∴: SIGN
- 💢 COMMUNICATION PEDESTAL
- CEDAR TREE FRUIT TREE
- FIRE DEPARTMENT CONNECT くっ FIRE HYDRANT
- 出 WATER METER
- ₩ WATER VALVE
- LIGHT POLE
- F.F.E. FINISHED FLOOR ELEVATION
- — D— — D— — D— — — — STORM DRAIN LINE
- --s---s---s---SEWER LINE
- WATER PAINT LINE — —T— — —T— — —T— — —T— — —TELEPHONE PAINT LINE
- —P— — P— — P— — POWER PAINT LINE



(S) 6" PVC I.E.=35.75'

36.50' @ TOP OF VERT. OPENING

AT TIME OF SURVEY

POGRAPHIC 11 RIVER RD LLUP, WA 983 0420214051

City of Puyallup Development & Permitting Services ISSUED PERMIT Building Planning Engineering Public Works

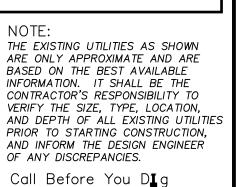
APPROVED

CITY OF PUYALLUP ENGINEERING SERVICES

DATE 8/2/2023

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

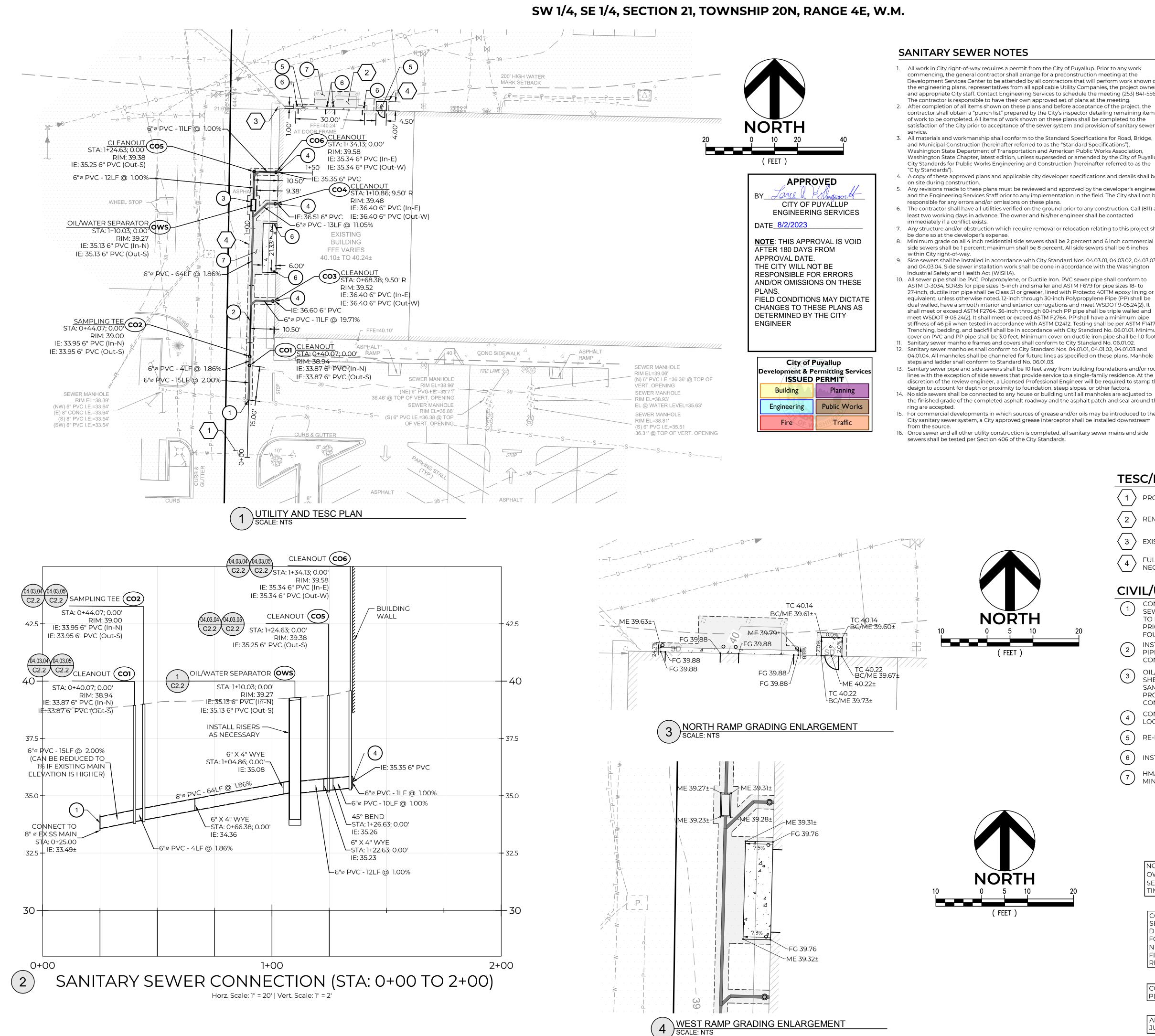
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE CITY ENGINEER



1-800-424-5555

1" = 20 FEET

med



SANITARY SEWER 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 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. 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 sewer system and provision of sanitary sewer
- 3. 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
- 4. A copy of these approved plans and applicable city developer specifications and details shall be Any revisions made to these plans must be reviewed and approved by the developer's engineer and the Engineering Services Staff 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 his/her engineer shall be contacted
- 7. Any structure and/or obstruction which require removal or relocation relating to this project shall be done so at the developer's expense. 8. Minimum grade on all 4 inch residential side sewers shall be 2 percent and 6 inch commercial side sewers shall be 1 percent; maximum shall be 8 percent. All side sewers shall be 6 inches
- 9. Side sewers shall be installed in accordance with City Standard Nos. 04.03.01, 04.03.02, 04.03.03 and 04.03.04. Side sewer installation work shall be done in accordance with the Washington
- 10. All sewer pipe shall be PVC, Polypropylene, or Ductile Iron. 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, ductile iron pipe shall be Class 51 or greater, lined with Protecto 401TM epoxy lining or equivalent, unless otherwise noted. 12-inch through 30-inch Polypropylene Pipe (PP) shall be dual walled, have a smooth interior and exterior corrugations and meet WSDOT 9-05.24(2). It shall meet or exceed ASTM F2764. 36-inch through 60-inch PP pipe shall be triple walled and meet WSDOT 9-05.24(2). It shall meet or exceed ASTM F2764. PP shall have a minimum pipe stiffness of 46 pii when tested in accordance with ASTM D2412. Testing shall be per ASTM F1417. Trenching, bedding, and backfill shall be in accordance with City Standard No. 06.01.01. Minimum cover on PVC and PP pipe shall be 3.0 feet. Minimum cover on ductile iron pipe shall be 1.0 foot. Sanitary sewer manhole frames and covers shall conform to City Standard No. 06.01.02. Sanitary sewer manholes shall conform to City Standard Nos. 04.01.01, 04.01.02, 04.01.03 and
- steps and ladder shall conform to Standard No. 06.01.03. Sanitary sewer pipe and side sewers shall be 10 feet away from building foundations and/or roof lines with the exception of side sewers that provide service to a single-family residence. At the discretion of the review engineer, a Licensed Professional Engineer will be required to stamp the
- design to account for depth or proximity to foundation, steep slopes, or other factors. 14. No side sewers shall be connected to any house or building until all manholes are adjusted to the finished grade of the completed asphalt roadway and the asphalt patch and seal around the
- 15. For commercial developments in which sources of grease and/or oils may be introduced to the City sanitary sewer system, a City approved grease interceptor shall be installed downstream
- Once sewer and all other utility construction is completed, all sanitary sewer mains and side sewers shall be tested per Section 406 of the City Standards.

LEGEND

BUILDING FOOTPRINT PROPERTY BOUNDARY — — 19 — — EXISTING MINOR CONTOUR —— EXISTING MAJOR CONTOUR - PROPOSED MINOR CONTOUR - PROPOSED MAJOR CONTOUR _ FULL DEPTH PAVEMENT ______ SAWCUT LINE EXISTING SANITARY SEWER NEW SANITARY SEWER LINE SANITARY SEWER CLEANOUT HMA PAVEMENT



PERMIT SET

SPOT ELEVATIONS

- ∠ EG 282.4± EXISTING GRADE - ME 282.4± MATCH EXISTING
- ~ FG 282.00 FINISH GRADE - TC 282.00 TOP OF CURB

- BC 282.00 BOTTOM OF CURB

TESC/DEMO KEYNOTES

- PROTECT DOWNSTREAM INLETS PER DETAIL 1 ON SHEET C2.1.
- REMOVE EXISTING RAMP, RAILING, AND BOLLARDS.
- (3) EXISTING BOLLARD TO REMAIN.
- FULL-DEPTH SAWCUT AND REMOVE EXISTING PAVING/CONCRETE AS NECESSARY TO INSTALL NEW CONCRETE RAMPS.

CIVIL/UTILITY KEYNOTES

- CONNECT TO EXISTING SANITARY SEWER MAIN WITH ROMAC STYLE "CB" (1) CONNECT TO EXISTING SANDARY SEVER MAIN WILLIAM SEVER SADDLE PER CITY STANDARD 04.02.01 ON SHEET C2.2. CONTRACTOR TO POTHOLE AND VERIFY LOCATION AND ELEVATION OF EXISTING SEWER PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF A DISCREPANCY IS
- INSTALL SIDE SEWER PER CITY STANDARD 04.03.04 ON SHEET C2.2 WITH INSTALL SIDE SEWER PER CITY STANDARD 04.03.04 ON SHEET C2.2 WITH PIPE BEDDING AND BACKFILL PER 06.01.01 ON SHEET C2.2. PIPE TO BE PVC CONFORMING TO ASTM D-3034, SDR 35.
- OIL/WATER SEPARATOR, OLDCASTLE MODEL 25-CPS. SEE DETAIL 1 ON SHEET C2.2. CONTRACTOR TO PROVIDE UPSTREAM AND DOWNSTREAM SAMPLING TEES WITHIN VAULT AS SHOWN ON DETAIL. CONTRACTOR TO PROVIDE SHUTOFF VALVE IMMEDIATELY DOWNSTREAM OF VAULT. CONTRACTOR TO PROVIDE RISERS AS NECESSARY TO SET FRAME AND LID.
- CONNECT TO BUILDING SEWER WITH APPROPRIATE ADAPTER. VERIFY LOCATION AND INVERT ELEVATION WITH MEP PLANS.
- $\left(\begin{smallmatrix}5\end{smallmatrix}\right)$ RE-ROUTE ROOF DRAINS AS REQUIRED AND RECONNECT TO STORM DRAIN
- $\left(egin{array}{c}6\end{array}
 ight)$ INSTALL 6" BOLLARD PER DETAIL 3 ON SHEET C2.1.
- HMA PAVEMENT PATCH SHALL MATCH EXISTING PAVEMENT SECTION. MINIMUM 3" HMA OVER 4" CSTC OVER GRAVEL BASE BACKFILL.

NOTE: THE PROPERTY OWNER IS RESPONSIBLE FOR AND SHALL RETAIN OWNERSHIP OF OIL/WATER SEPARATOR AND SIDE SEWER LINES. SERVICE/MAINTENANCE RECORDS SHALL BE KEPT ON THE PREMISES AT ALL TIMES AND SHALL BE IMMEDIATELY AVAILABLE TO THE CITY UPON REQUEST.

CONTRACTOR TO PROVIDE ANY DEWATERING DESIGN IF NEEDED FOR SIDE SEWER INSTALLATION. ALL STORMWATER OR DEWATERING WATER DISCHARGED FROM THE SITE MUST MEET THE EFFLUENT LIMITATIONS SET FORTH IN THE DEPARTMENT OF ECOLOGY'S GENERAL STORMWATER PERMIT. IF NECESSARY, CONTRACTOR SHALL PROVIDE A SETTLING TANK/POND OR A FILTRATION UNIT TO MAINTAIN COMPLIANCE WITH WASHINTON STATE DOE REGULATIONS.

CONTRACTOR SHALL COORDINATE BUILDING PENETRATION LOCATIONS WITH PLUMBING PLANS.

ALL SEWER AND WATER CONSTRUCTION SHALL COMPLY WITH THE LOCAL JURISDICTIONAL REQUIREMENTS AND STANDARD PLANS.

MOMENTUM CIVIL 1145 BROADWAY, SUITE 115 TACOMA, WA 98402 PHONE: 253.319.1504

CHECKED BY: M. PUDISTS DESIGNED BY: **T. BALIAN** DRAWN BY: T. BALIAN

HORZ. DATUM:**NAD83** VERT. DATUM: **NAVD88** 8/1/23

PROJECT NO. ENTPOOO8

SHEET NO.

REFERENCE NO. **C2.0**

3 of **5**

PUYA

1. 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.

2. 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 PRIOR TO ANY LAND CLEARING AND/OR 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 PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITEE.

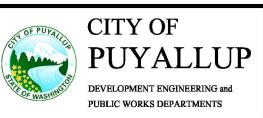
3. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITEE TO ADDRESS ANY NEW CONDITIONS THAT MAY B 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.

4. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.

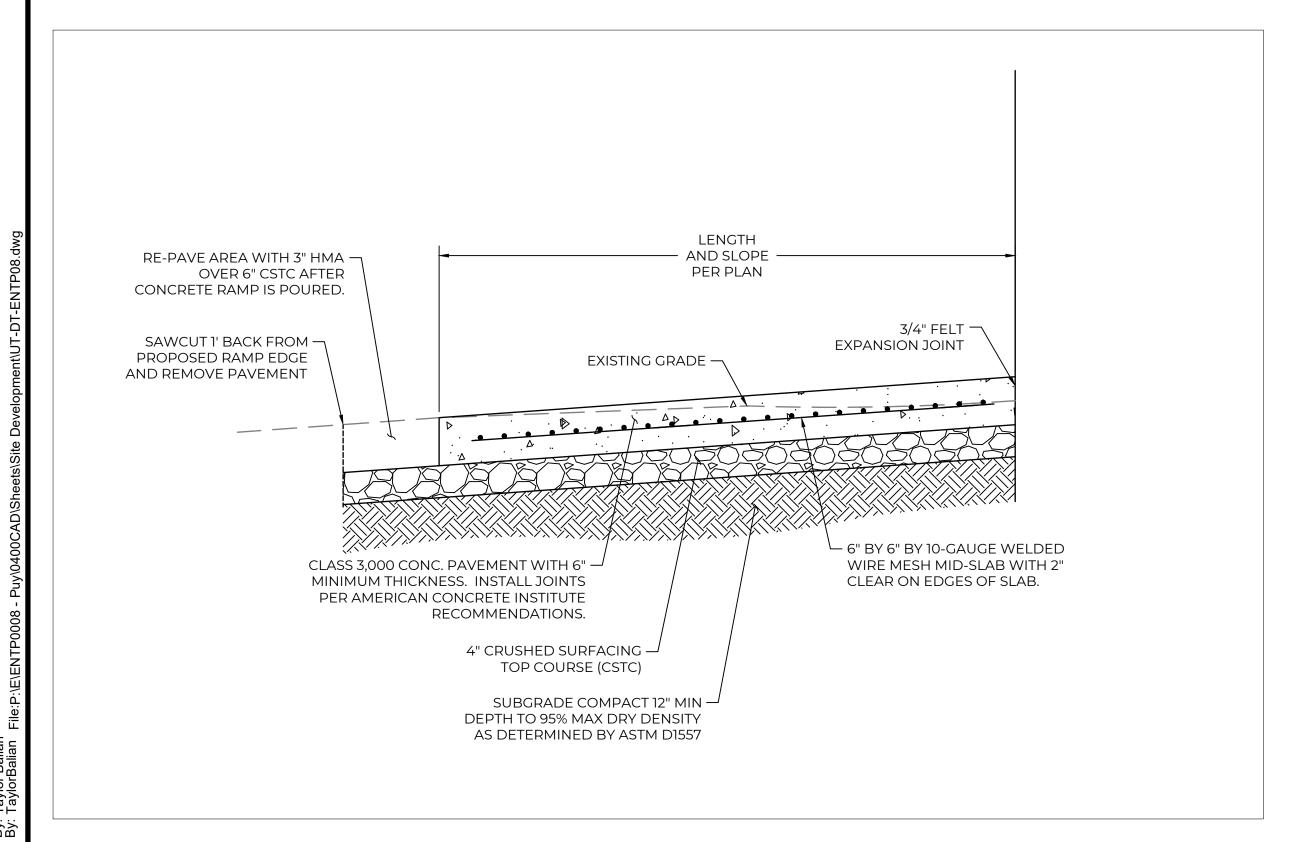
5. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE

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.

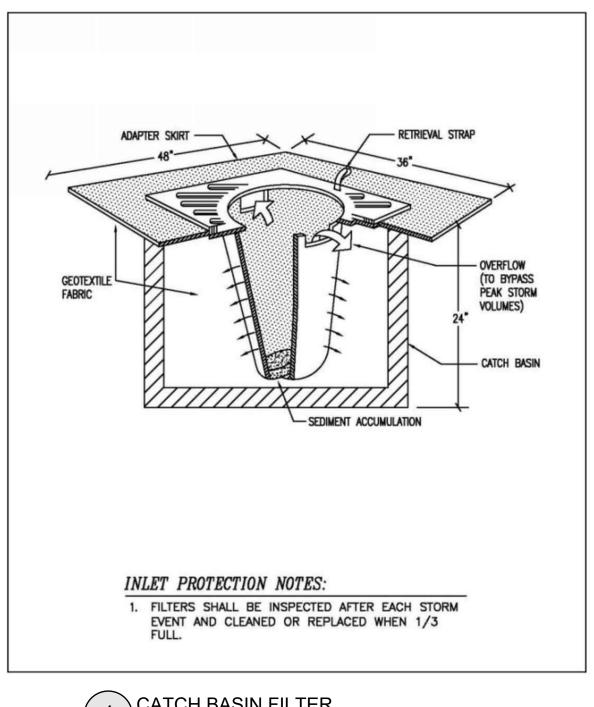
7. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.



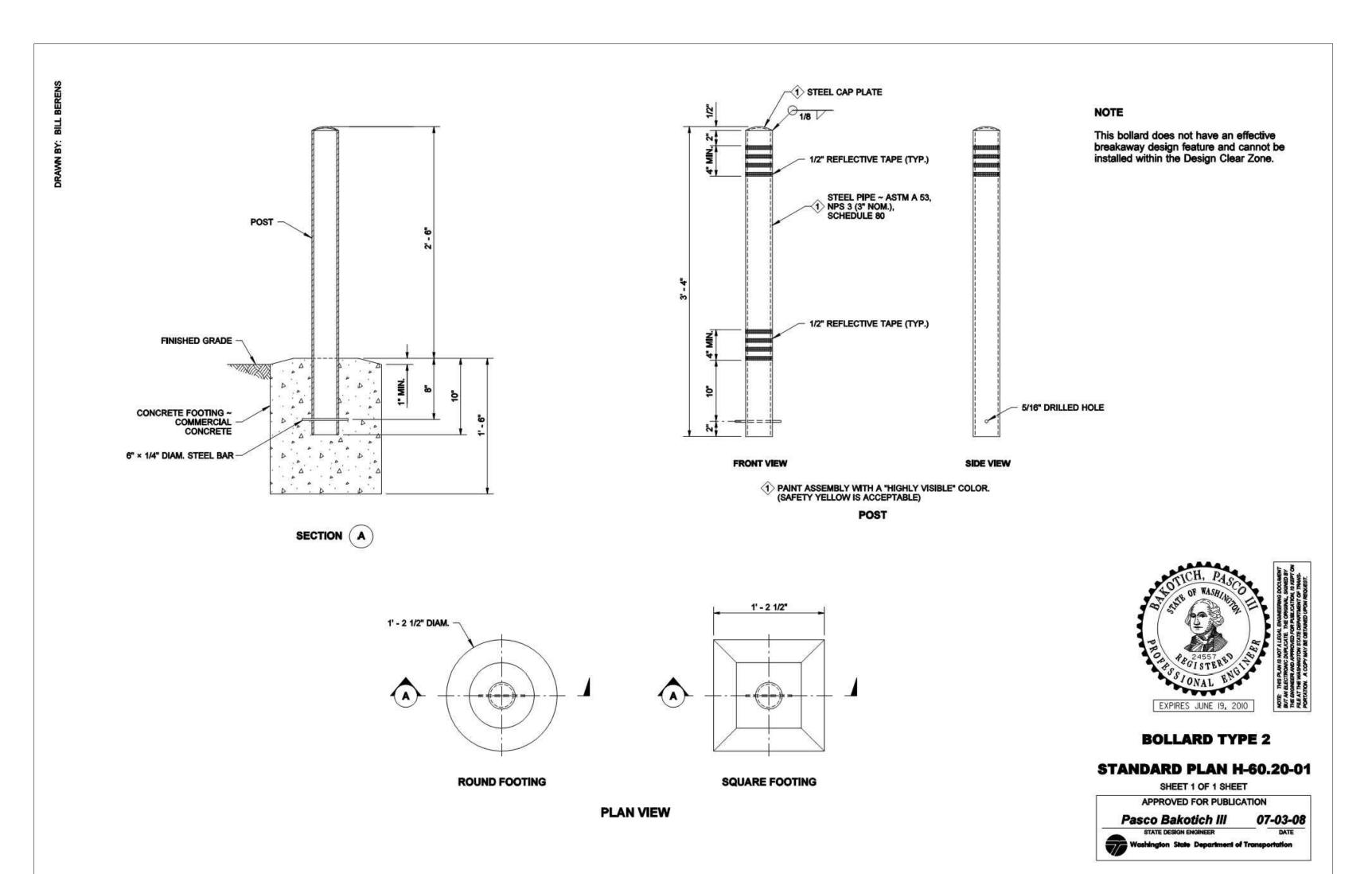
GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES







1 CATCH BASIN FILTER
SCALE: NTS





CITY OF PUYALLUP **ENGINEERING SERVICES**

DATE_ 8/2/2023

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. 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**

City of Puyallup **Development & Permitting Services** ISSUED PERMIT Engineering **Public Works** Traffic



PERMIT SET

LUP

MOMENTUM CIVIL 1145 BROADWAY, SUITE 115

TACOMA, WA 98402

PHONE: 253.319.1504 CHECKED BY: M. PUDISTS DESIGNED BY: **T. BALIAN** DRAWN BY: T. BALIAN

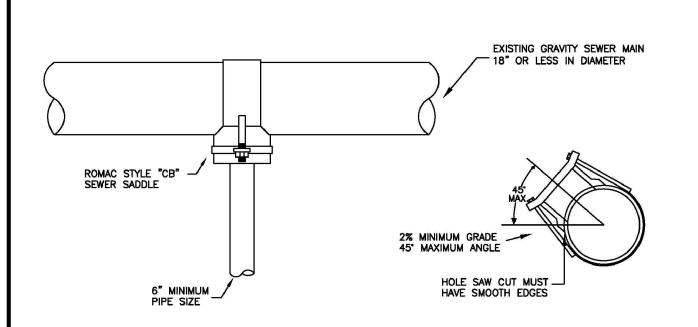
HORZ. DATUM:**NAD83** VERT. DATUM: **NAVD88**

8/1/23 PROJECT NO. **ENTP0008**

SHEET NO.

REFERENCE NO. **C2.1**

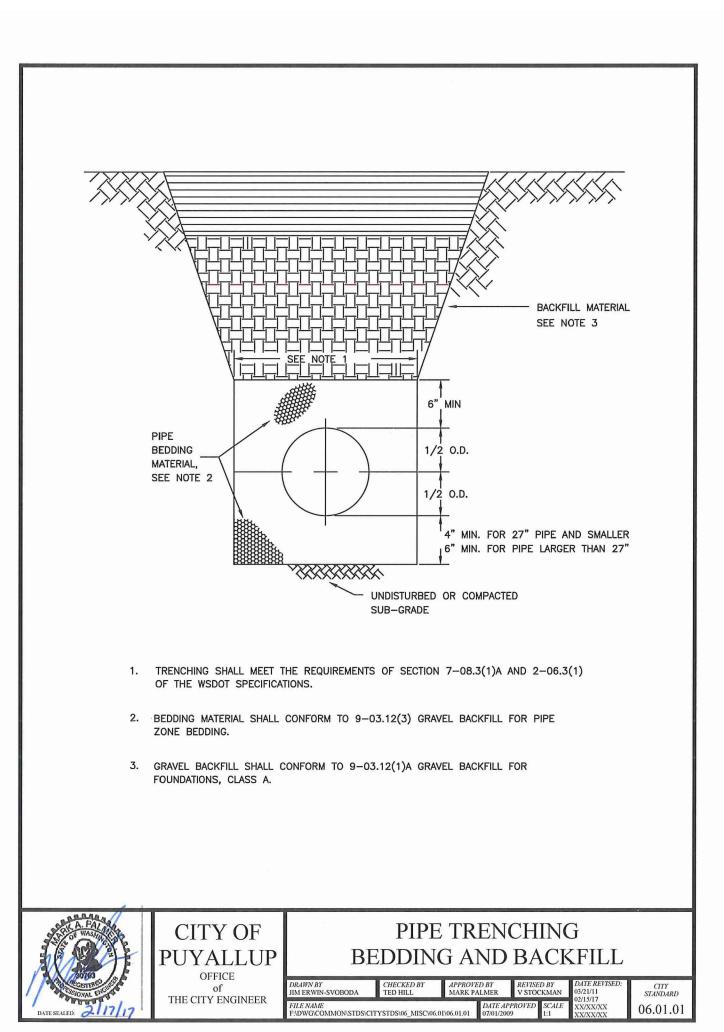
- 1. THE TEE FITTING SHALL BE A ROMAC INDUSTRIES STYLE "CB" SEWER SADDLE (OR APPROVED EQUAL). ONLY NEW SADDLE AND PARTS SHALL BE INSTALLED. DUE TO PIPE SIZE MATERIALS OR PIPE CONDITION, THE CITY ENGINEER MAY REQUIRE AN ALTERNATE METHOD/MATERIAL BE USED.
- 2. THE SEWER MAIN TAP SHALL BE CUT WITH A SEWER PIPE TAPPING MACHINE (HOLE SAW) CAPABLE OF RETAINING THE COUPON. 3. THE ROUND HOLE CUT INTO THE SEWER MAIN SHALL BE NO LARGER THAN THE INSIDE DIAMETER OF THE SADDLE GASKET. THE HOLE SAW CUT EDGES SHALL BE SMOOTH.
- 4. THE COUPON SHALL BE RETAINED AND SURRENDERED TO THE INSPECTOR. THE PERMIT HOLDER WILL PAY ALL COSTS ASSOCIATED WITH THE LOCATION AND RETRIEVAL OF A LOST COUPON. ADDITIONALLY THE PERMIT HOLDER WILL BE HELD LIABLE FOR ANY SUBSEQUENT DAMAGES CAUSED BY A LOST COUPON.
- 5. BOLTS SHALL BE TORQUED TO MANUFACTURE SPECIFICATIONS, THEN RETORQUED AFTER 10 MINUTES.
- 6. NO TAPS SHALL BE ALLOWED ON EXISTING SEWER MAINS OVER 18" IN DIAMETER, CONNECTIONS INTO SEWER MAINS OVER 18" IN DIAMETER SHALL INTERSECT THE SEWER MAIN IN A MANHOLE. IN SOME CASES THE CITY ENGINEER MAY ALLOW A VARIANCE TO THIS REQUIREMENT.
- 7. ALL TRENCHING, BEDDING, AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL NO. 06.01.01. ALL ASPHALT REPAIR SHALL BE IN ACCORDANCE WITH CITY STANDARD NO. 01.01.20. ALL ADDITIONAL UTILITY AND RIGHT OF WAY REPAIRS SHALL BE INACCORDANCE WITH THE "CITY STANDARDS" MANUAL.
- 8. THE CITY OF PUYALLUP WILL CONDUCT A "SEWER MAIN VIDEO INSPECTION" OF THE SEWER TAP. THE PERMIT HOLDER WILL BE REQUIRED TO REPAIR ANY SEWER TAP CONSTRUCTION DEFECTS FOUND BY THE CITY INSPECTORS. THE COST OF ALL REPAIRS AND SUBSEQUENT "SEWER MAIN VIDEO INSPECTIONS" WILL BE THE RESPONSIBILITY OF THE PERMIT HOLDER. THE DAMAGE DEPOSIT POSTED BY THE BUILDER WILL BE HELD UNTIL PROBLEMS ARE CORRECTED. DUE TO PUBLIC HEALTH AND SAFETY, BUILDING OCCUPANCY WILL NOT BE ALLOWED UNTIL REPAIRS ARE COMPLETED AND ACCEPTED BY THE CITY ENGINEER.

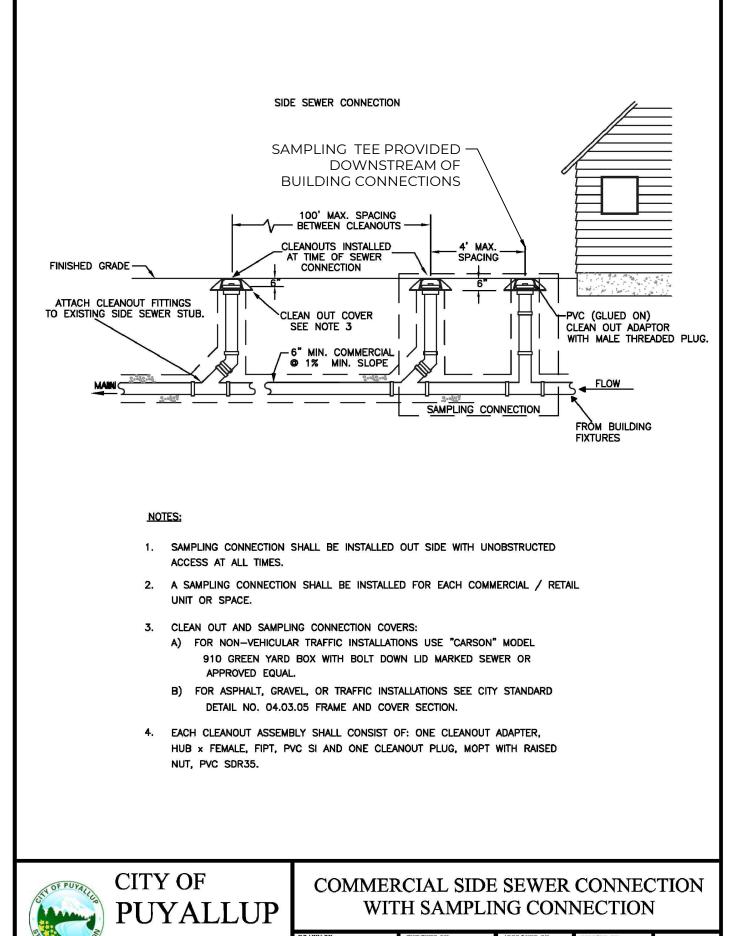


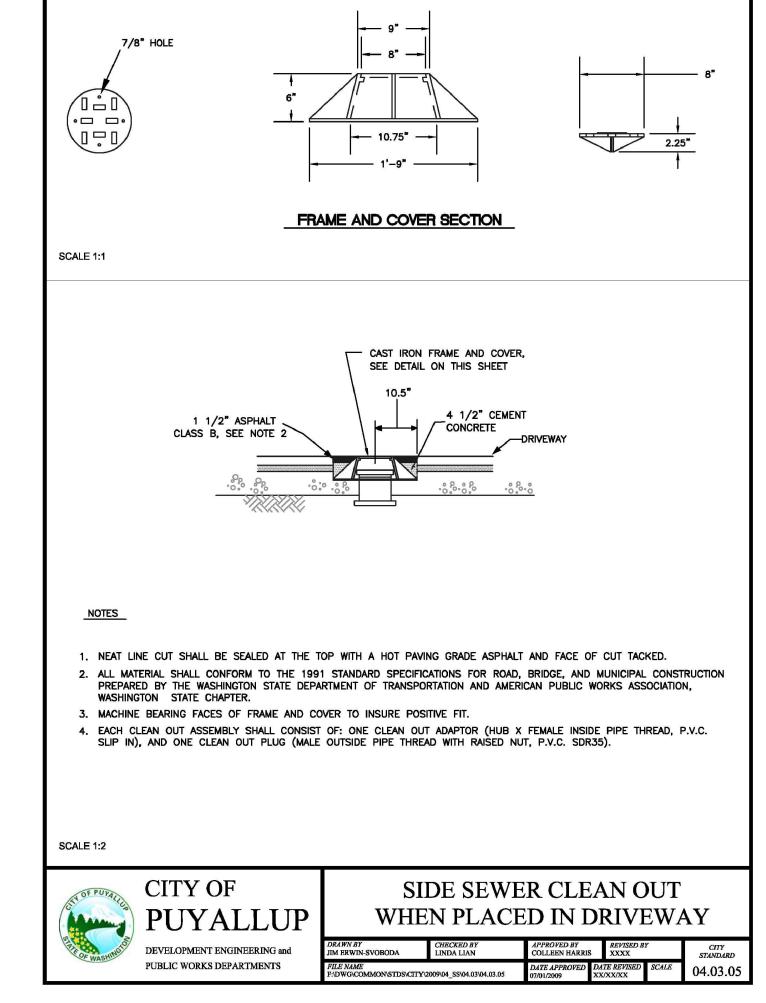
A OF PUYALL	CITY OF
(سيوا)	PUYALLUP
WASHINGTON WASHINGTON	DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

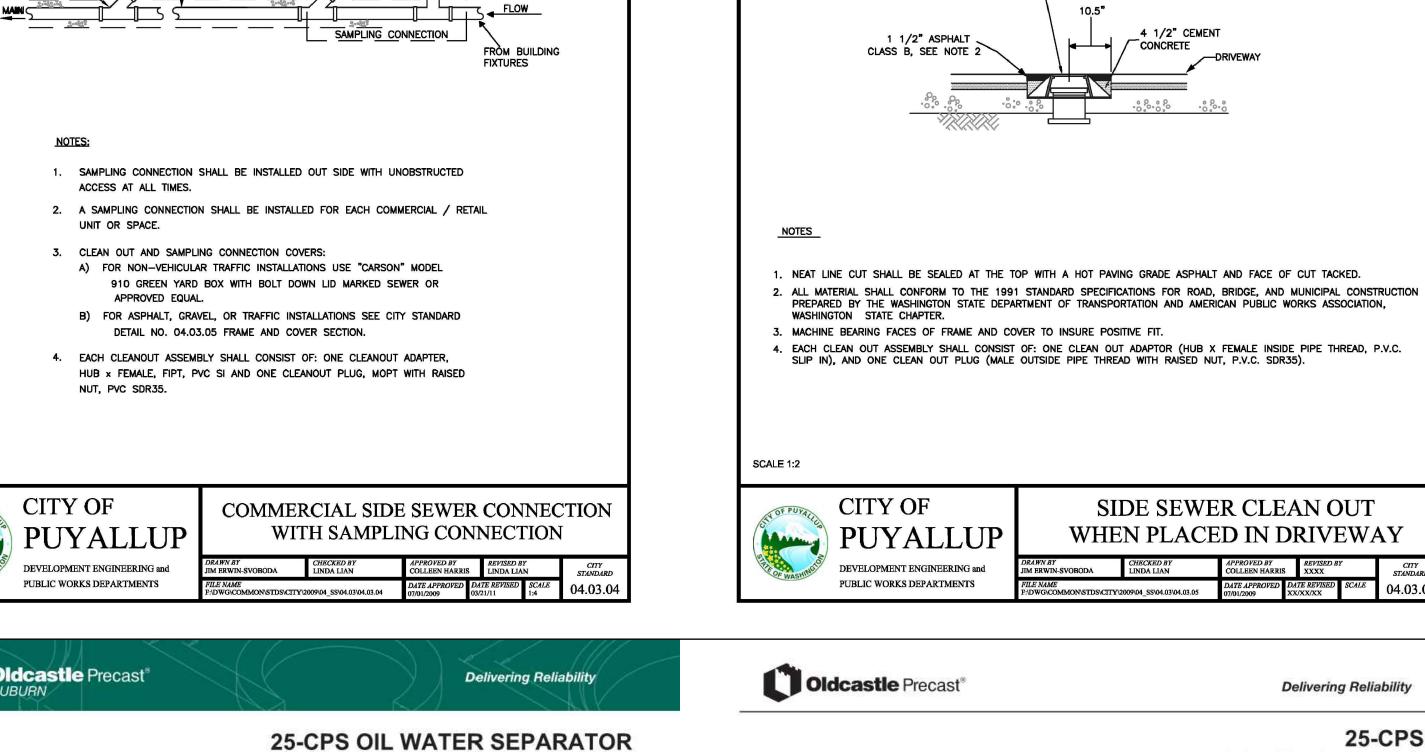
SEWER MAIN TAP

04.02.01

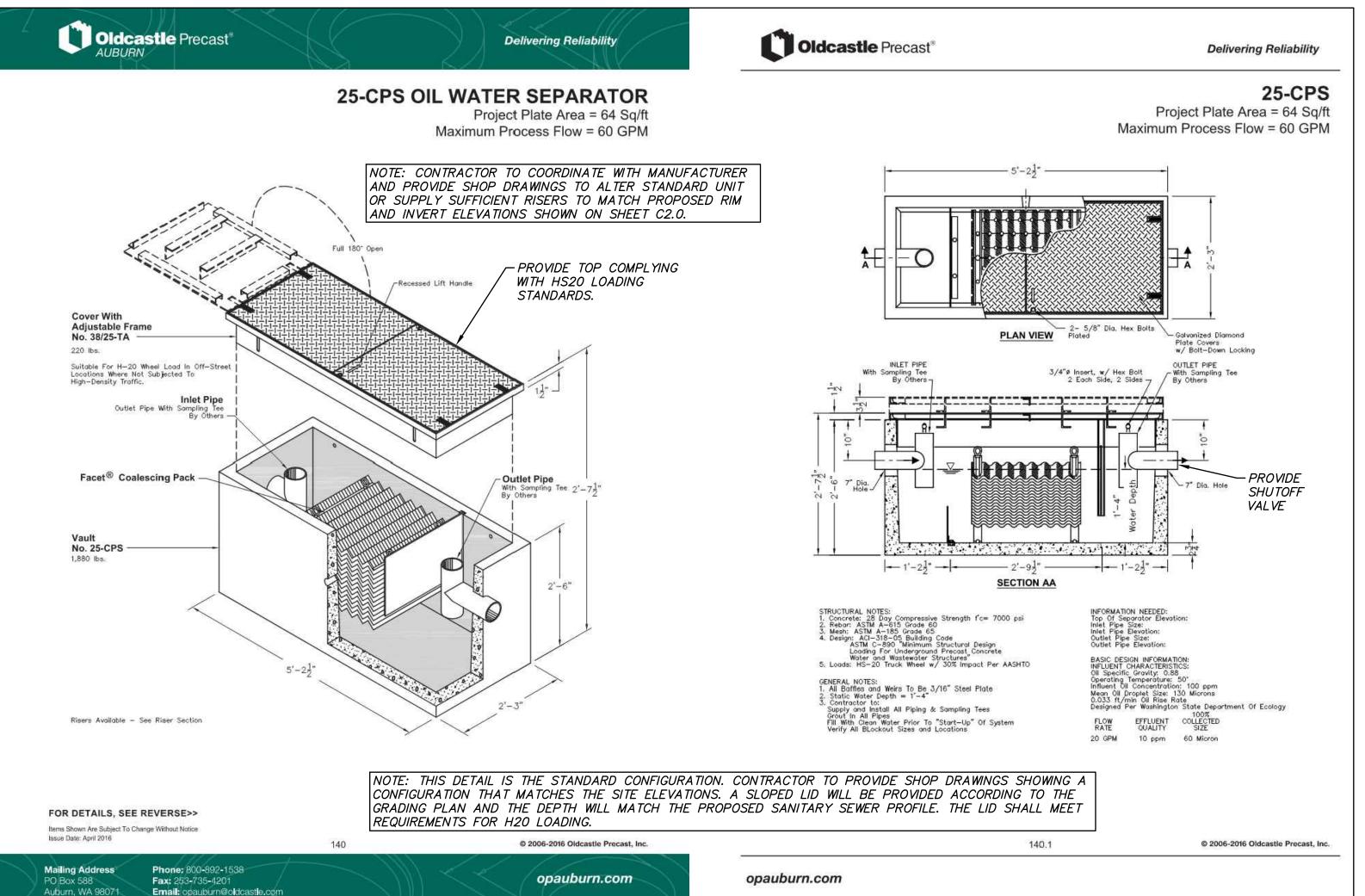








SW 1/4, SF 1/4, SECTION 21, TOWNSHIP 20N, RANGE 4F, W.M.



OIL WATER SEPARATOR SIZING ASSUMPTIONS

WASH THROUGHPUT FOR CAR WASHES AT THIS LOCATION PROVIDED BY OWNER):

• 9 GALLONS PER CAR WASH

• 3 MINUTE WASH CYCLE • TWO WASH BAYS

ENGINEER'S CALCULATION:

DURING A CAR WASH 9 GALLONS WILL BE USED OVER A TIME OF 3 MINUTES. THIS EQUATES TO A FLOW RATE OF 3 GPM PER WASH BAY, 6 GPM TOTAL.

CITY OF PUYALLUP

ENGINEERING SERVICES

NOTE: THIS APPROVAL IS VOID

AFTER 180 DAYS FROM

THE CITY WILL NOT BE

RESPONSIBLE FOR ERRORS

AND/OR OMISSIONS ON THESE

FIELD CONDITIONS MAY DICTATE

City of Puyallup

Development & Permitting Services

ISSUED PERMIT

Planning

Public Works

Traffic

CHANGES TO THESE PLANS AS

DETERMINED BY THE CITY

Engineering

DATE 8/2/2023

APPROVAL DATE.

PLANS.

ENGINEER

USED SIMULTANEOUSLY WITH A FLOW RATE OF 5 GPM PER HOSE BIB, 10 GPM TOTAL.

AT MOST, ONE ADDITIONAL HOSE BIB PER WASH BAY WILL BE

THEREFORE, MAXIMUM FLOW TO THE OIL/WATER SEPARATOR IS EXPECTED TO BE APPROXIMATELY 16 GPM.

AN OIL/WATER SEPARATOR WITH A 20 GPM DESIGN FLOW RATE AND 60 GPM MAXIMUM PROCESS FLOW HAS BEEN SELECTED AND WILL PROVIDE ADEQUATE PROTECTION.

LUP PUYA ENTERPRISE

PERMIT SET

MOMENTUM CIVIL 1145 BROADWAY, SUITE 115 TACOMA, WA 98402 PHONE: 253.319.1504

CHECKED BY: M. PUDISTS DESIGNED BY: T. BALIAN DRAWN BY: T. BALIAN HORZ. DATUM:**NAD83**

VERT. DATUM: **NAVD88**

PROJECT NO. **ENTP0008**

8/1/23

SHEET NO. **5** of **5**

REFERENCE NO. **C2.2**