OWNER:

Puyallup TT, LLC **409 EAST PIONEER** 3401 Lind Ave SW **PUYALLUP, WA 98372** Renton, WA 98057 PHONE: 253.770.3144 Phone 206.255.3633 rtonkin@tacotimenw.com **APPLICANT** Puyallup TT, LLC 3401 Lind Ave SW

DATUM NAVD88

Renton, WA 98057 Phone 206.255.3633

rtonkin@tacotimenw.com

BENCHMARK BM 2403 SW-5-16. EL = 30.50 NGVD29 CONVERTED TO NAVD88 +3.49 PER VERTCON CONVERTED ELEVATION = 33.99'

**ENGINEER/SURVEYOR** 

**AZURE GREEN CONSULTANTS** 

**TOPOGRAPHIC INFORMATION** ONSITE AND FRONTAGE TOPOGRAPHICAL DATA ARE PER FIELD SURVEY PERFORMED BY AZURE GREEN CONSULTANTS IN APRIL 2022.

100-YEAR FLOOD THE SITE IS LOCATED IN A FLOODPLAIN PER FEMA FIRM PANEL 53053C0329E EFFECTIVE MARCH 7, 2017. 100-YEAR FLOOD ELEVATION = 26.7 (NGVD29) = 30.2 (NAVD88)

BROKEN CURB, GUTTER, OR SIDEWALK ANY PUBLIC CURB, GUTTER, OR SIDEWALK BROKEN NOW OR DURING THE COURSE OF CONSTRUCTION SHALL BE REMOVED AND REPLACED PER CITY STANDARDS.

TRASH ENCLOSURE NOTE A SEPARATE BUILDING PERMIT IS REQUIRED FOR THE TRASH ENCLOSURE.

**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 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

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 water 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Department of Transportation and American Public Works Association, Washington State Chapter, latest edition, unless superseded or amended by the City of Puyallup City Standards for Public Works Engineering and Construction (hereinafter referred to as the "City Standards").

4. A copy of these approved plans and applicable city developer specifications and details shall be on site during construction.

5. 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.

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 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 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.

9. 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. 11. 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

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

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

15. 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 shall be at the developer's expense.

**SURVEY MONUMENTS** 

Contractor is responsibile for protecting all survey monuments within the area of work. If it is necessary to disturb a survey monument, a permit must be requested in advancce from the Department of Natural Resources. The developer must pay the cost of repairing or replacing

# Taco Time

## Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington

100-YEAR FLOODPLAIN

**BOUNDARY** 

TRASH ENCLOSURE

## **IMPERVIOUS AREAS**

Developed POC1 POC2 Area (sf) Area (sf) Onsite New Roof 648 3941 13758 1966 New Paving 720 2713 New Walk Offsite Replaced Driveway 859 Total New + Replaced Imp. 15126 9479 otal New + Replaced PGHS 13758 2825

TAX PARCEL LINE

<del>\*</del>

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**EX. RESTAURANT** 

THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/6/25 SHEET INDEX

**SANITARY SEWER LINE & MH** STORM LINE & TYPE 1 CB TYPE 2 CB/SDMH **FIRE HYDRANT RIGHT-OF-WAY LINE** 

C-12 Storm Details **STREELIGHT** 

C-8 Storm Plan

**POWER POLE W/GUY ANCHOR** PROPERTY LINE

C-1 Cover Sheet C-2 Horizontal Control/Channelization Plan & Dispersion Area Exhibit C-3 Existing Conditions & Demolition Plan C-4 TESC Plan

**RECORD DRAWING CERTIFICATION** 

C-5 TESC Notes & Details C-6 Grading Plan C-7 Site Plan

C-9 Cross-Sections & Storm Profiles C-10 SS & Water Plan C-11 Details

C-13 Storm & Water Details C-14 Water Details C-15 SS Details

C-16 Grading/ADA Route Details

--- N55°49'14"E 34.88' N89°59'40"E 58.66' S89°40'46"E 52.75'

**CALL BEFORE YOU DIG** IT IS THE LAW

**CALL 811** 

OR

800-424-5555

FULL SITE
SCALE: 1"=100"

AREA WITHIN GRADING LIMITS = 0.9 ACRE

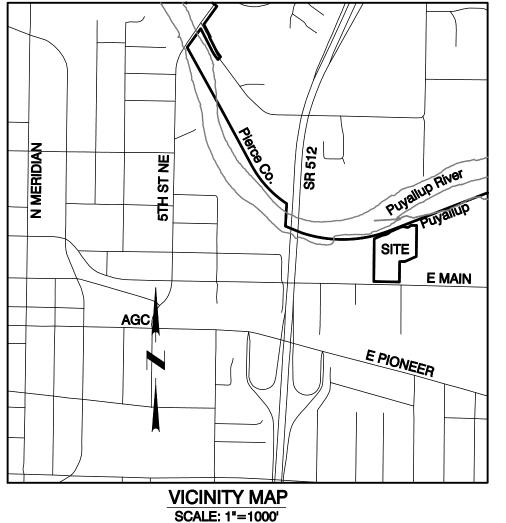
THESE QUANTITIES ARE FOR THE ESTABLISHMENT OF CLEARING AND GRADING PERMIT ONLY AND SHALL NOT BE CONSTRUED TO

GRADING VOLUMES ARE FROM EXISTING GRADE TO FINISHED GRADE AND MAKE NO ALLOWANCE FOR STRIPPINGS, GRAVEL, OR PAVING SECTION MATERIALS.

ADD'L EXCAVATION REQUIRED FOR INFILTRATION SYSTEMS: 119 CY THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HIS

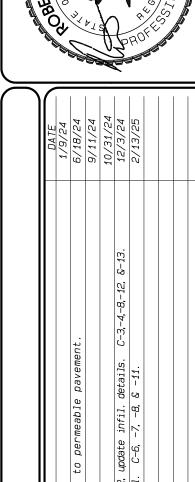
CITY OF PUYALLUP DEVELOPMENT SERVICES HIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. ELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

APPROVED



PARCEL NUMBERS 784510-003-2, 042027-1-171 & -172

PARCEL 1 AND PARCEL 2, CITY OF PUYALLUP BOUNDARY LINE REVISION NO. 03-84-004, ACCORDING TO MAP RECORDED MAY 28, 2003, UNDER RECORDING NO. 200305285004, RECORDS OF PIERCE COUNTY AUDITOR.



Rev Rev Rev Rev Add Rev:

by the City. (360)407-6300.

the survey monument and is responsible for all contractors working for them. Reference WAC 332-120.

**LEGEND** 

**EDGE OF ASPHALT** 

RETAINING

N89°40'46"W 15.00'

> )' INGRESS, EGRESS & UTILITIES EASEMENT PER AFN 200307250106 RELEASED PER AFN 202403040186

**EARTH WORK QUANTITIES** EXCAVATION (CUT) : EMBANKMENŤ (FILL) :

INDICATE A BALANCED SITE.

OWN QUANTITIES FOR BIDDING PURPOSES AND SHALL NOT HOLD

THE ENGINEER OR OWNER/DEVELOPER RESPONSIBLE FOR ANY ERRORS IN HIS BID QUANTITIES FOR EXCAVATION.

> SITE ADDRESS: 1115 E MAIN

**LEGAL DESCRIPTION** 

SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF

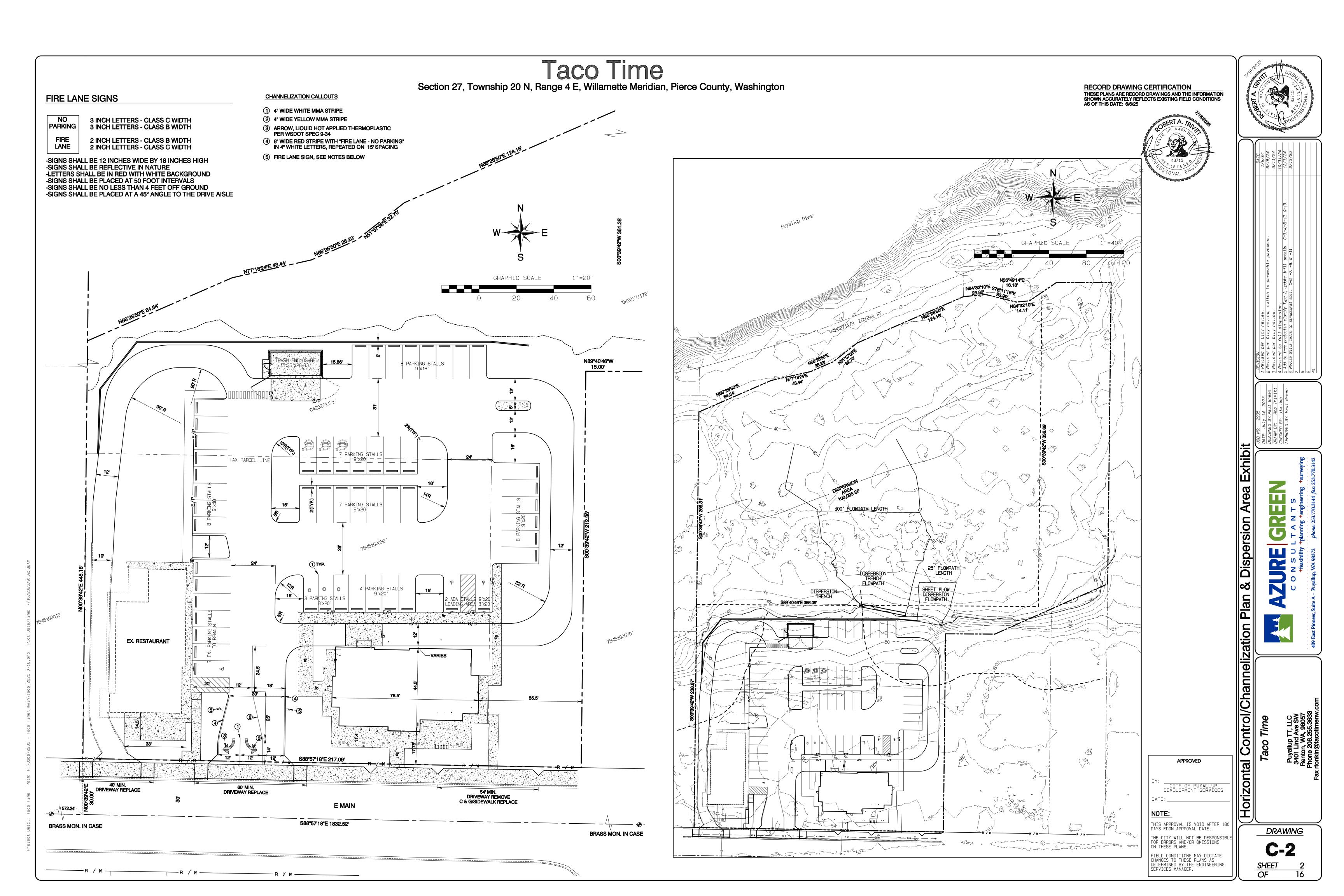
Section 27, Township 20 N, Range 4 E, Willamette Meridian

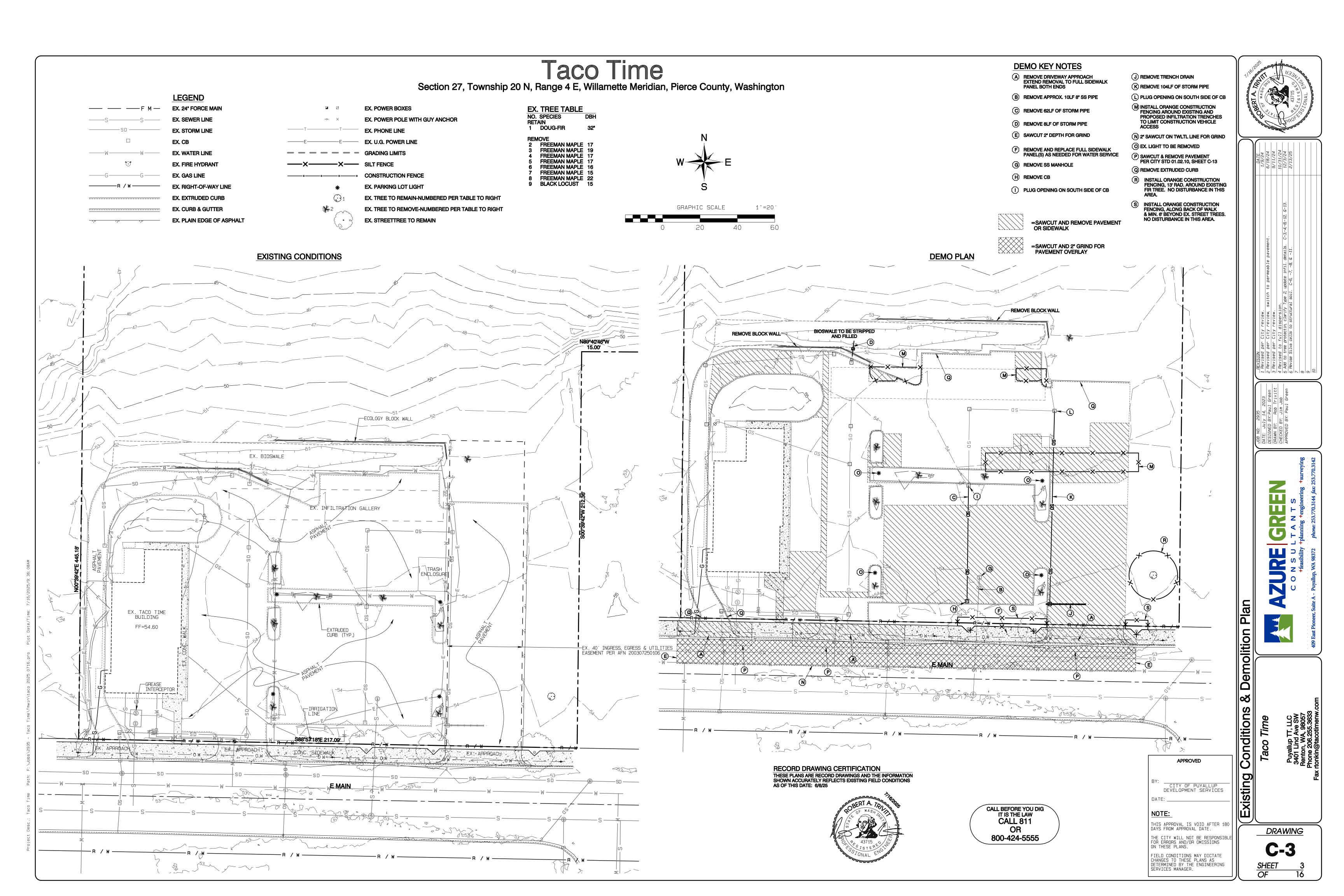
**E MAIN** 

PROPOSED RESTAURANT

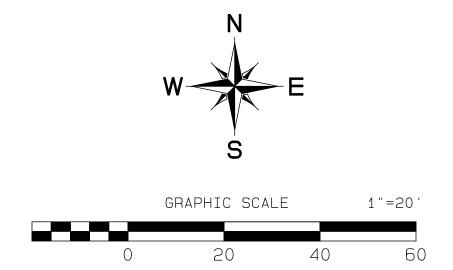
OF

DRAWING





# Taco Time Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington EX BUILDING



**ESC KEY NOTES** 

(A) INSTALL SILT FENCE PER STD 02.03.02, SHEET C-5

B INSTALL BAG FILTER SEE DETAIL SHEET C-5

© INSTALL TRACKOUT CONTROL MAT - FODS OR APPROVED EQUAL AT EXISTING APPROACH. SEE DETAIL SHEET C-5

D STOCKPILE AREA

PROPOSED INFILTRATION AREA.

MINIMIZE WORK IN THIS AREA TO LIMIT COMPACTION.

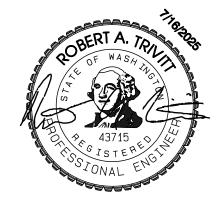
PRIOR TO PLACING FABRIC, BOTTOM SHALL BE SCARIFIED

A MIN. OF 4 INCHES IN DEPTH

F INSTALL ORANGE CONSTRUCTION FENCING, ALONG BACK OF WALK & MIN. 6' BEYOND EX. STREET TREES. NO DISTURBANCE IN THIS AREA.

G INSTALL ORANGE CONSTRUCTION FENCING, 13' RAD. AROUND EXISTING FIR TREE. NO DISTURBANCE IN THIS AREA.

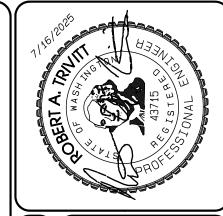
RECORD DRAWING CERTIFICATION THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/6/25



CALL BEFORE YOU DIG **CALL 811** 800-424-5555

CITY OF PUYALLUP DEVELOPMENT SERVICES 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 ENGINEERING SERVICES MANAGER.

APPROVED



REVI Rev. Rev. Rev. Add Revi

**DRAWING** 

SHEET OF

- 1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
- SUBSOIL SHOULD BE SCARIFIED (LOOSENED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12-INCH DEPTH OF UN-COMPACTED SOIL, EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER. SEE NOTE BELOW REGARDING PLANTING STEPS FOR STREET TREES.
- . COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL, PER SOIL SPECIFICATION.
- PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST TILLED IN TO 8-INCH DEPTH, OR MAY SUBSTITUTE 8" OF IMPORTED SOIL CONTAINING 5-40% COMPOST BY VOLUME. MULCH AFTER PLANTING, WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE WOOD CHIPS AT THE TIME OF PLANTING TO ALLOW SETTLING TO 4").
- 5. SETBACKS: TO PREVENT UNEVEN SETTLING, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, VAULTS, METERS ETC.). WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR TO ENSURE A FIRM SURFACE.
- SEE SECTION 8.2(B) OF THE VMS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOTBALL.



SOIL AMENDMENT AND DEPTH

NSTALL A FODS TRACKOUT CONTROL SYSTEM. (NOTE: THIS IS NOT A ONE SIZE FITS ALL GUIDE.) THE INSTALLATION MAY NEED TO BE MODIFIED TO MEET THE EXISTING CONDITIONS, EXPECTATIONS, OR DEMANDS OF A PARTICULAR SITE. THIS IS A GUIDELINE. ULTIMATELY THE FODS TRACKOUT CONTROL SYSTEM SHOULD BE INSTALLED SAFELY WITH PROPER ANCHORING

REQUIREMENTS.

PAVED SURFACE.

TO THE FIRST MAT

ABOVE STEPS.

MAT IN ITS CURRENT POSITION.

AND SIGNS PLACED AT THE ENTRANCE AND EXIT TO CAUTION USERS AND OTHERS.

FODS TRACKOUT CONTROL SYSTEM INSTALLATION GUIDE THE PURPOSE AND DESIGN OF THE FODS TRACKOUT CONTROL SYSTEM IS TO EFFECTIVELY REMOVE MOST SEDIMENT FROM VEHICLE TIRES AS THEY EXIT A DISTURBED LAND AREA ONTO A PAVED STREET. THIS MANUAL IS A PLATFORM FROM WHICH TO

INSTALLATION:

1. THE SITE WHERE THE FODS TRACKOUT CONTROL

WHERE FODS TRACKOUT CONTROL SYSTEM IS PLACED SHOULD ALSO MEET OR EXCEED THE LOCAL JURISDICTION

2. CALL FOR UTILITY LOCATES 3 BUSINESS DAYS IN

INSTALLATION FOR THE MARKING OF UNDERGROUND

ONCE THE SITE IS ESTABLISHED WHERE FODS

TRACKOUT CONTROL SYSTEM IS TO BE PLACED. AN'

REMOVED SUCH AS LARGE ROCKS, LANDSCAPING

ADVANCE OF THE OF FODS TRACKOUT CONTROL SYSTEM

UTILITIES. CALL THE UTILITY NOTIFICATION CENTER AT 811.

EXCESSIVE UNEVEN TERRAIN SHOULD BE LEVELED OUT OR

THE INDIVIDUAL MATS CAN START TO BE PLACED INTO POSITION. THE FIRST MAT SHOULD BE PLACED NEXT TO THE CLOSEST POINT OF EGRESS. THIS WILL ENSURE THAT THE

MATERIALS, OR SUDDEN ABRUPT CHANGES IN ELEVATION

VEHICLE WILL EXIT STRAIGHT FROM THE SITE ONTO THE

PREVENT THE POTENTIAL MOVEMENT WHILE THE ADJOINING

8. AFTER THE FIRST MAT IS PLACED DOWN IN THE

PROPER LOCATION, MATS SHOULD BE ANCHORED TO

MATS ARE INSTALLED. ANCHORS SHOULD BE PLACED AT EVERY ANCHOR POINT (IF FEASIBLE) TO HELP MAINTAIN THE

AFTER THE FIRST MAT IS ANCHORED IN ITS PROPER

FIRST MAT. MAKE SURE THE H BRACKET IS CORRECTLY SITUATED BETWEEN THE TWO MATS, AND SLIDE MATS

CONTINUOUS WITH NO GAPS IN BETWEEN THE MATS. 13. SUCCESSIVE MATS CAN THEN BE PLACED TO CREATE

THE FODS TRACKOUT CONTROL SYSTEM REPEATING THE

USE AND MAINTENANCE

1. VEHICLES SHOULD TRAVEL DOWN THE LENGTH OF THE

S-TURN ROUTE DOWN THE LENGTH OF THE FODS TRACKOUT

TRACKOUT CONTROL SYSTEM AND NOT CUT ACROSS THE 2. DRIVERS SHOULD TURN THE WHEEL OF THEIR
VEHICLES SUCH THAT THE VEHICLE WILL MAKE A SHALLOW

TO CONNECT THE TWO MATS TOGETHER.

PLACE, AN H BRACKET SHOULD BE PLACED AT THE END OF THE FIRST MAT BEFORE ANOTHER MAT IS PLACED ADJACENT

ONCE THE SECOND MAT IS PLACED ADJACENT TO THE

NEXT THE CONNECTOR STRAPS SHOULD BE INSTALLED

UPON PLACEMENT OF EACH NEW MAT IN THE SYSTEM, THAT MAT SHOULD BE ANCHORED AT EVERY ANCHOR POINT TO HELP STABILIZE THE MAT AND ENSURE THE SYSTEM IS

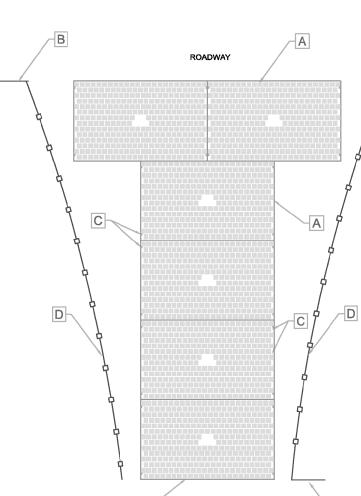
SYSTEM IS TO BE PLACED SHOULD CORRESPOND TO BEST

MANAGEMENT PRACTICES AS MUCH AS POSSIBLE, THE SITE

OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

KEY NOTES:

A. FODS TRACKOUT CONTROL SYSTEM MAT. B. FODS SAFETY SIGN.C. ANCHOR POINT. D. SILT OR ORANGE CONSTRUCTION FENCE.



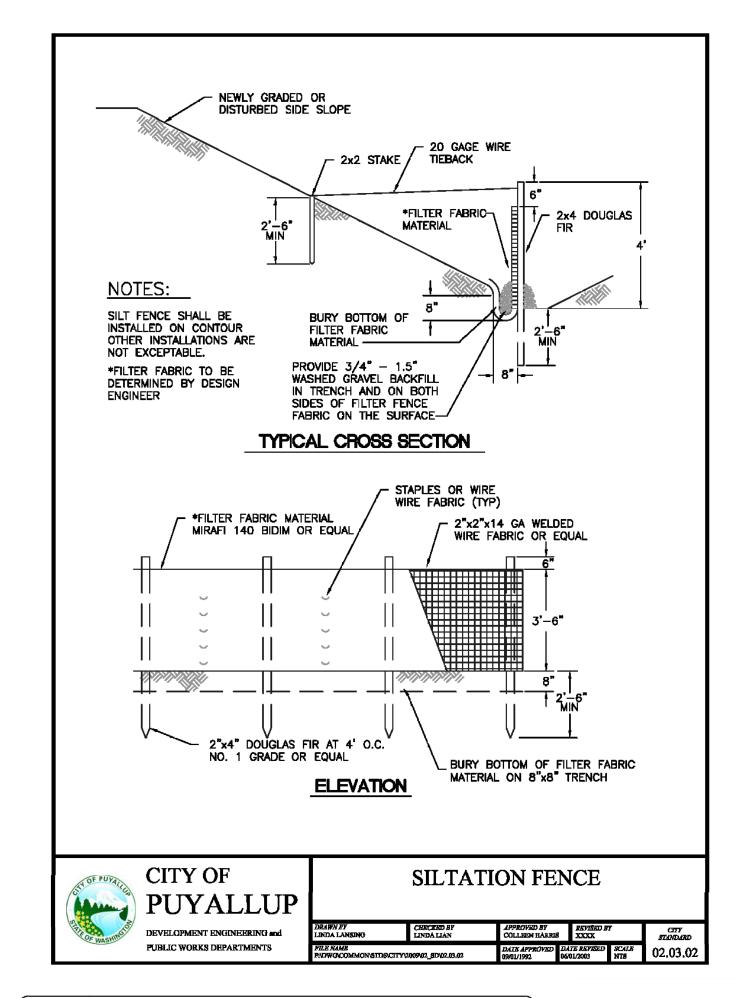
TYPICAL ONE-LANE LAYOUT

CONTROL SYSTEM. 3. MATS SHOULD BE CLEANED ONCE THE VOIDS

TYPICALLY THIS WILL NEED TO BE PERFORMED WITHIN TWO WEEKS AFTER A STORM EVENT. BRUSHING IS THE PREFERRED METHOD OF CLEANING, EITHER MANUALLY OR MECHANICALLY. THE USE OF ICE MELT, ROCK SALT, SNOW MELT, DE-ICER, ETC. SHOULD BE UTILIZED AS NECESSARY DURING THE WINTER MONTHS AND AFTER A SNOW EVENT TO PREVENT ICE BUILDUP.

REMOVAL OF FODS TRACKOUT CONTROL SYSTEM IS REVERSE ORDER OF INSTALLATION.
2. STARTING WITH THE LAST MAT, THE MAT THAT IS PLACED AT THE INNERMOST POINT OF THE SITE OR THE MAT FURTHEST FROM THE EXIT OR PAVED SURFACE SHOULD BE REMOVED FIRST THE ANCHORS SHOULD BE REMOVED.

4. THE CONNECTOR STRAPS SHOULD BE UNBOLTED AT ALL LOCATIONS IN THE FODS TRACKOUT CONTROL SYSTEM. SUCCESSIVE MAT SHOULD THEN BE MOVED AND STACKED FOR LOADING BY FORKLIFT OR EXCAVATOR ONTO A TRUCK



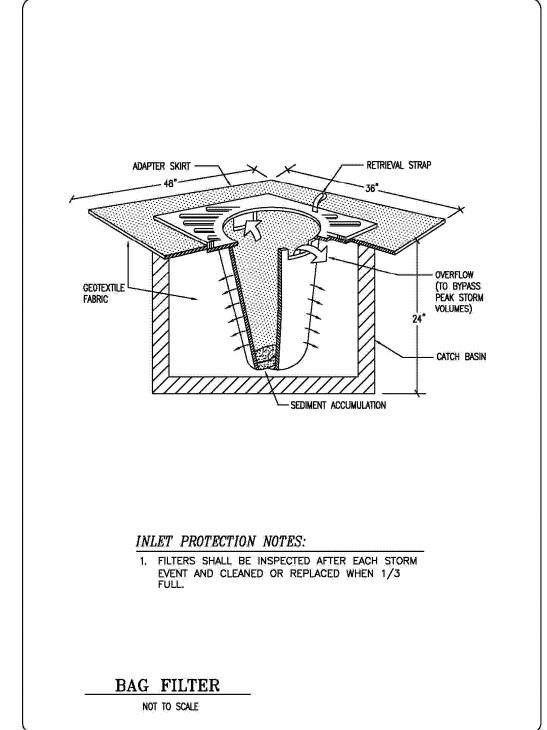


Figure 2 - 20. Catchbasin Filter

GRADING, EROSION & SEDIMENTATION CONTROL NOTES:

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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 (herinafter 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 engineer 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 hours in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.

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.

8. 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 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 passed. The implementation, maintenance, replacement, and additions to the erosion and sedimentartion systems shall be the responsibility of the permitee

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 permittee 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

10. 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.

11. 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 permittee but must be augmented with mulching, netting, or other

12. 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.

13. 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

PLASTIC COVERING NOTES:

Plastic sheeting shall have a minimum thickness of 6 mils and shall meet the requirements of the STATE STANDARD SPECIFICATIONS Section 9-14.5.

Covering shall be installed and maintained tightly in place by using sandbags or tires on ropes with a maximum 10-foot grid spacing in all directions. All seams shall be taped or weighted down full length and

Clear plastic covering shall be installed immediately on areas seeded between November 1 and March 31 and remain until vegetation is firmly

there shall be a least a 12 inch overlap of all seams.

When the covering is used on un-seeded slopes, it shall be kept in place until the next seeding period.

Plastic covering sheets shall be buried two feet at the top of slopes in order to prevent surface water flow beneath sheets.

6. Proper maintenance includes regular checks for rips and dislodged ends.

CONSTRUCTION SEQUENCE

I. OBTAIN REQUIRED PERMITS AND HOLD A PRECONSTRUCTION MEETING WITH

ESTABLISH CLEARING AND GRADING LIMITS.

INSTALL SILT FENCE IF REQUIRED. INSTALL CB INLET PROTECTION. INSTALL TRACKOUT MAT.

SCHEDULE AN EROSION CONTROL INSPECTION WITH THE CITY.
IDENTIFY EROSION CONTROL MEASURES WHICH REQUIRE REGULAR MAINTENANCE.
ENSURE EROSION CONTROL MEASURES IN PLACE ARE ADEQUATE, INSTALL
ADDITIONAL MEASURES IF NECESSARY TO PREVENT SEDIMENT LADEN RUNOFF FROM

8. CLEAR AND REMOVE ORGANIC MATERIAL, PREP SUBGRADE FOR FOUNDATION AND PARKING LOT CONSTRUCTION.

INSTALL DISPERSION TRENCH AND DI STORM LINE PAST WALL LOCATION.

10. MASS GRADE SITE, AND CONSTRUCT RETAINING WALL. 10. INSTALL INFILTRATION TRENCH. INSTALL STORM AND SEWER & WATER SERVICES INSTALL BUILDING FOUNDATION.

INSTALL OTHER UTILITIES.
INSTALL TREATMENT SAND AND RESERVOIR COURSE. 15. CONSTRUCT SIDEWALKS

. INSTALL GRAVEL BASE . CONSTRUCT BUILDING. 8. PAVE PARKING LOT

19. BRING UTILITIES TO FINAL GRADE.
20. VEGETATE EXPOSED AREAS AND STABILIZE STOCKPILES AS SOON AS PRACTICAL AND AS NEEDED TO PREVENT EROSION. 21. HYDROSEED AND/OR INSTALL PERMANENT LANDSCAPING TO PROVIDE PERMANENT EROSION CONTROL.

22. REMOVE TEMPORARY EROSION CONTROL MEASURES WHEN SITE IS STABLE.

TEMPORARY ESC MEASURES REQUIRED

Temporary Siltation Fencing. Vegetation and Stabilization of exposed surfaces

Catch Basin Inlet Protection Addtional measures may be required, see note 9 of Grading, Erosion & Sedimentation Control notes and Stormwater Pollution Prevention Plan (SWPPP) prepared for this project.

PERMANENT ESC MEASURES REQUIRED

Seeding and/or Landscaping of non-impervious surfaces

Contractor shall designate an erosion and sediment control leadperson, and shall comply with the stormwater pollution prevention plan prepared for the project.

2. Sediment-laden runoff shall not be allowed to discharge beyond the

3. Exposed areas and soil stockpiles must be stabilized according to the following schedule:
1. From April 1 to October 31 all disturbed areas at final grade and all exposed areas that are scheduled to remain unworked for more than 30 days shall be stabilized within 10 days.

2. From November 1 to March 31 all exposed soils at final grade shall be stabilized immediately using permanent or temporary measures. Exposed soils with an area greater than 5.000 square feet that are scheduled to remain unworked for more than 24 hours and exposed areas of less than 5,000 square feet that will remain unworked for more than seven (7) days shall be stabilized immediately.

All disturbed areas which are not planned to be constructed on within 90 days from time of clearing and grading shall be revegetated with the native vegetation.

4. No clearing, filling, grading or other alteration occurs within any critical areas or associated buffer unless specifically authorized pursuant to Chapter 21.06 Environmentally Critical Areas Management of the

5. If dewatering of excavations is required, dewatering must conform to the requirements of Section 504

MULCHING NOTES

1. Mulch materials used shall be hay or straw and shall be applied at a rate of 75-100 pounds per 1000 square feet, or 90-120 bales per acre to a min. depth of 2 inches.

2. Mulches shall be applied in all areas with exposed slopes greater than 2:1

3. Mulching shall be used immediately after seeding or in areas which cannot be seeded because of the season.

4. All areas needed mulch shall be covered by November 1

SEEDING NOTES (Erosion control seeding) Seed mixture shall be 10% Redtop (92% purity, 90% germination); 40% Annual Rye (98% purity, 90% germination); 40% Chewing Fescue (97% purity, 80% germination); and 10% White dutch clover (96% purity, 90% germination) and shall be applied at the rate of

120 pounds per acre. Seed beds planted between May 1 and October 31 will require irrigation and other maintenance as necessary to foster and

3. For seed beds planted between October 31 and April 30, armoring of the seed bed will be necessary. (e.g.,

protect the root structure.

geotextiles, jute mat, clear plastic covering). 4. Before seeding, install needed surface runoff control

measures such as gradient terraces, interceptor dikes, swales, level spreaders and sediment basins.

The seedbed shall be firm with a fairly fine surface, following surface roughening. Perform all operation across or at right angles

Fertilizers are to be used according to suppliers recommendations. Amounts used should be minimized, especially adjacent to water

Erosion control seeding shall not be used in areas subject to wear by construction traffic.

Erosion control seeding may be used in all areas of 5% or less slope. In areas between 5 and 10% slope, erosion control seeding may be used for a maximum horizontal distance of 100 feet. Use mulch or netting or other treatments for steeper and longer slopes.

SOIL STOCKPILE NOTES:

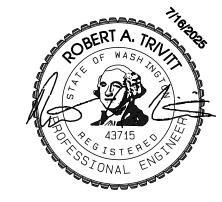
1. Stockpiles shall be stabilized (with plastic covering or other approved device) daily between November 1 and March 31. 2. In any season, sediment leaching from stock piles must be prevented.

3. Topsoil shall not be placed while in a frozen or muddy condition, when the subgrade is excessively wet, or when conditions exist that may otherwise be detrimental to proper grading or proposed sodding or seeding.

4. Previously established grades on the areas to be topsoiled shall be maintained according to the approved plan.

5. Stockpiles must be located more than 50 feet from all drainage features.

RECORD DRAWING CERTIFICATION THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/6/25



APPROVED

CITY OF PUYALLU DEVELOPMENT SERVICES DATE:

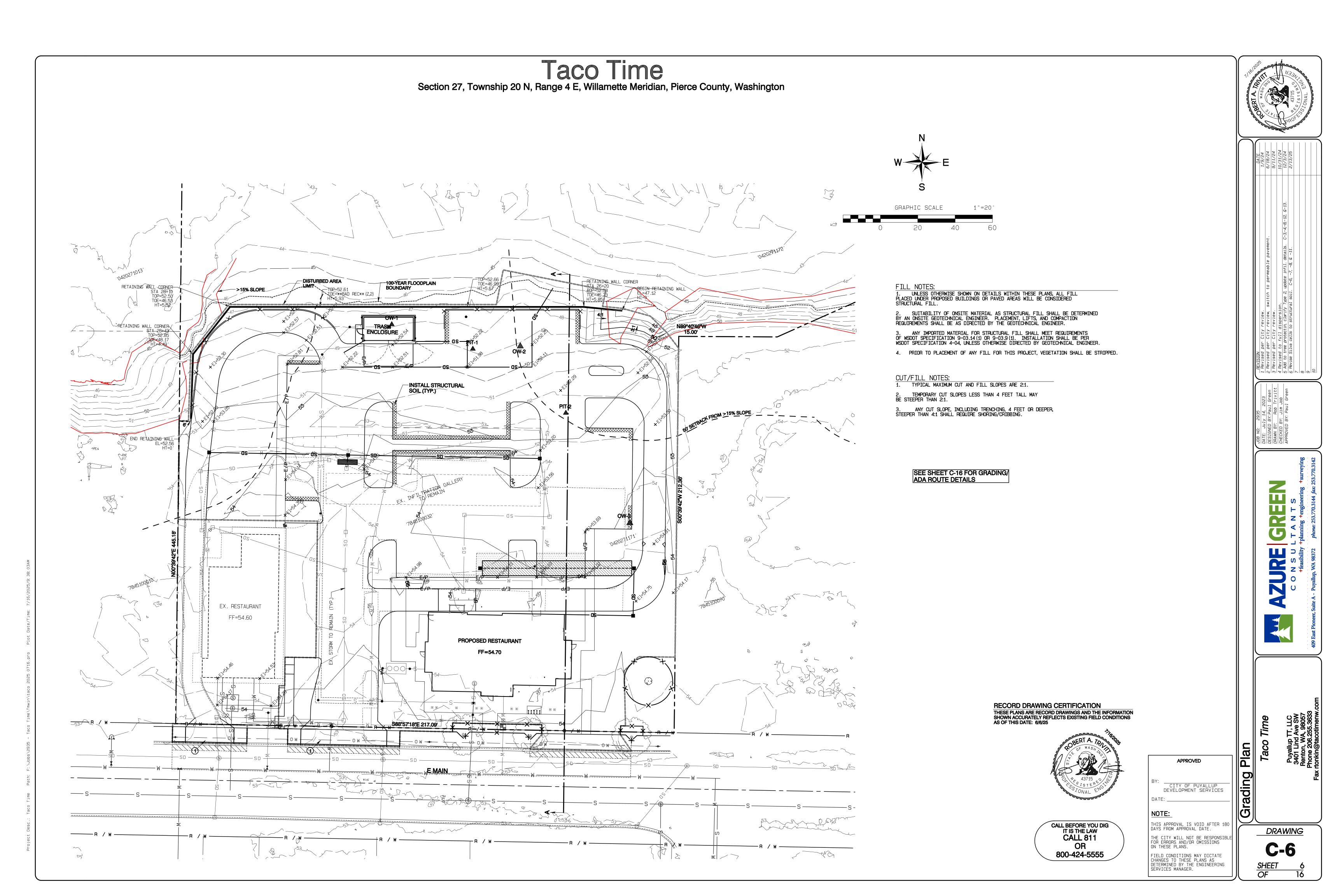
SERVICES MANAGER.

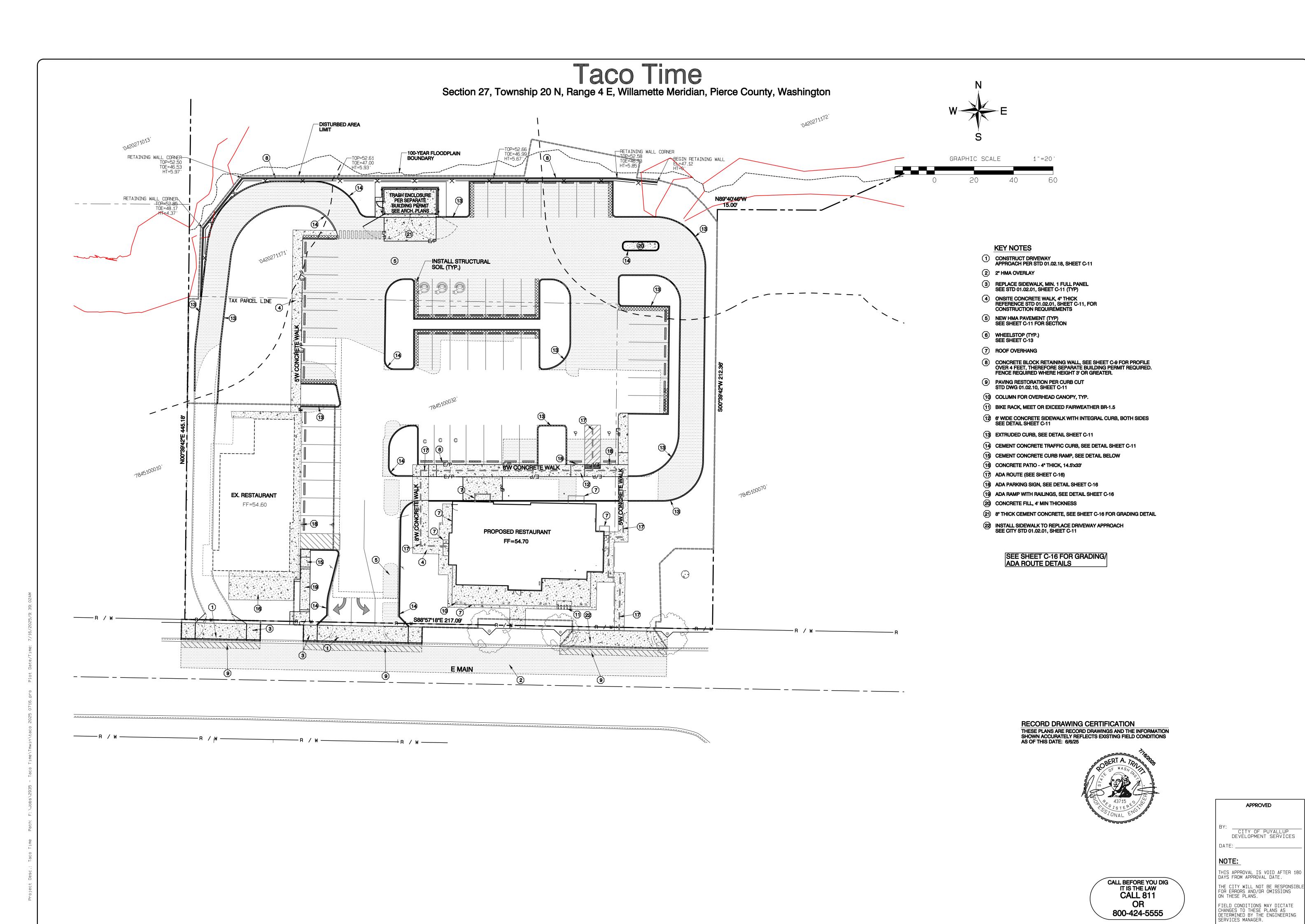
THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING

DRAWING

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PERTA IN THE PROPERTY OF WASHINGTON ASTATE OF WASHINGTON ASTATE OF THE PROPERTY OF THE PROPERT

9/11/24 9/11/24 10/31/24 12/3/24 2/13/25

switch to permeable pavement. nn. v Type 2, update infil. details. C-3,-4,-8,-12, &-13. ral soil. C-6, -7, -8, & -11.

2: 2935

July 14, 2023

VED BY: Paul Green

BY: Rob Trivitt

4 Rev.

4 Rev.

5 Add

6 Revi

LTS
+engineering +surveying

CONSULT.

+feasibility +plant



yallup TT, LLC 31 Lind Ave SW Iton, WA, 98057 ne 206.255.3633

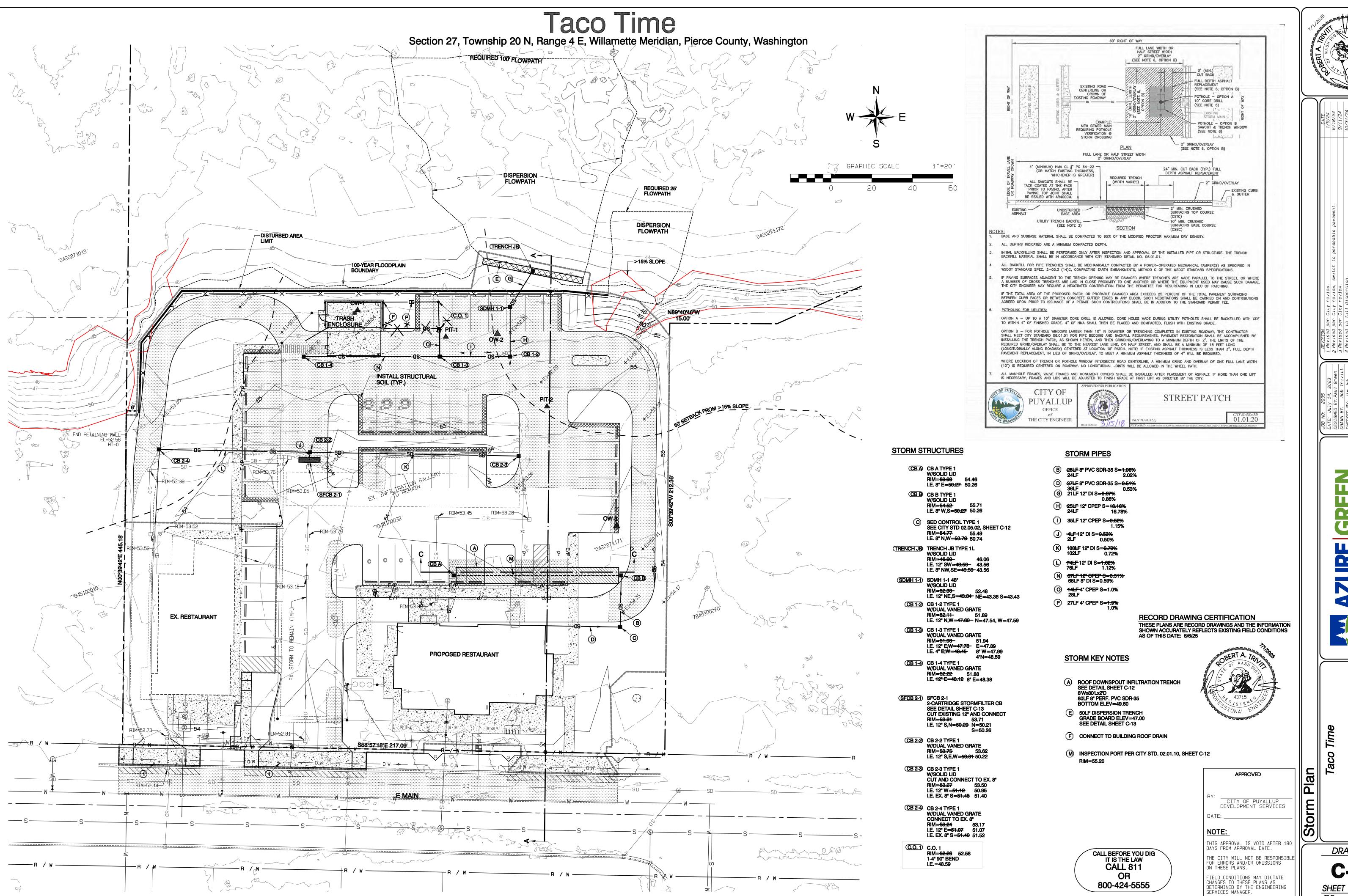
Plan Taco

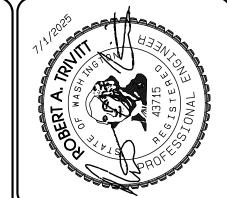
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C-7

**C-7**SHEET 7

OF 16



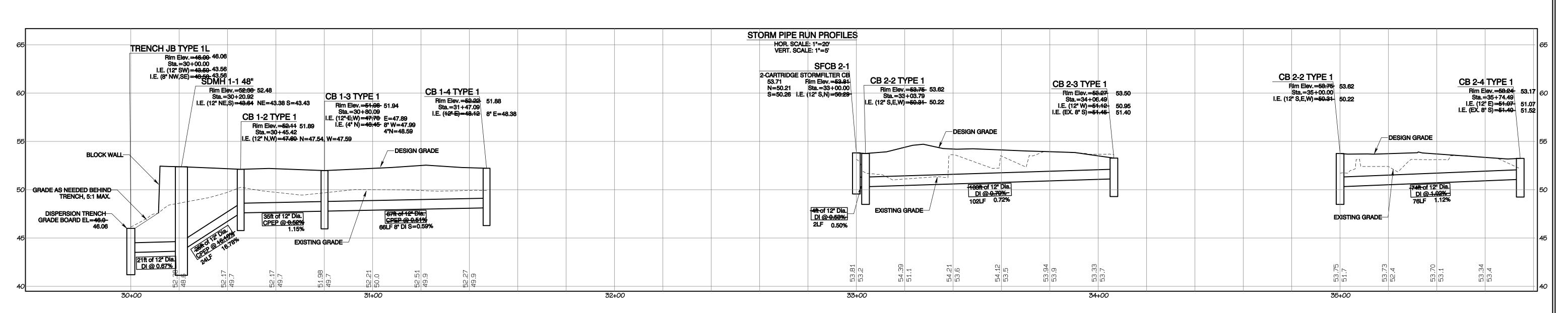


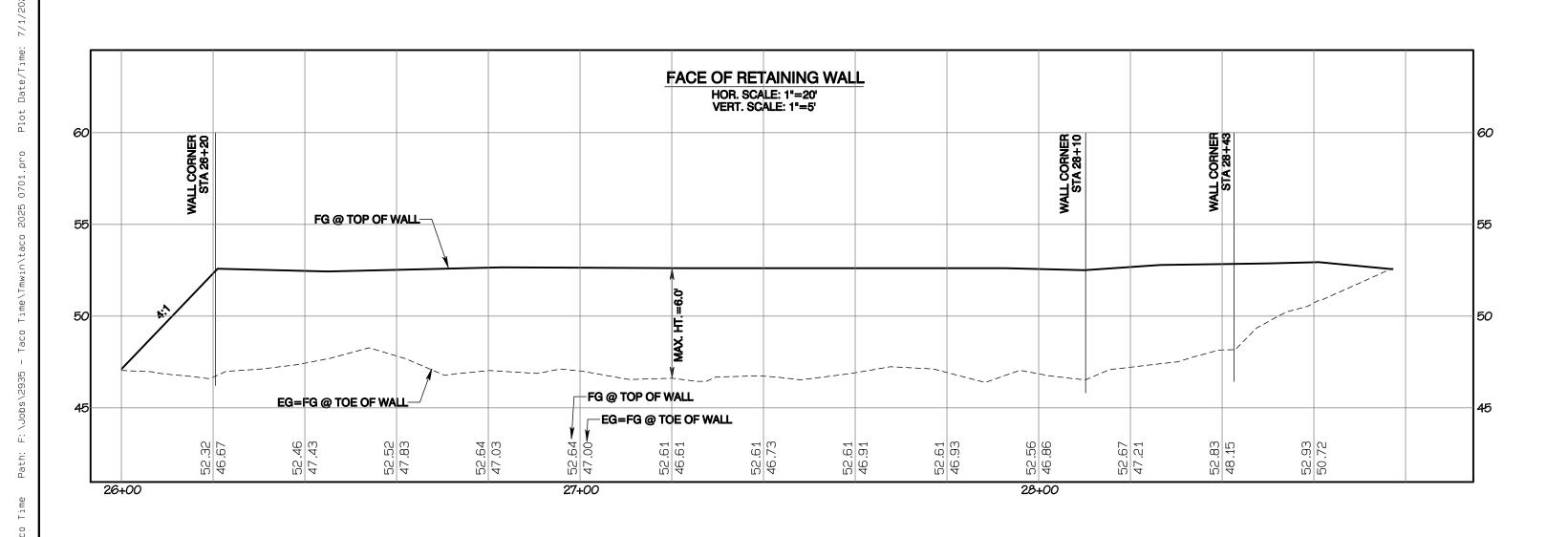
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**C-8** SHEET OF

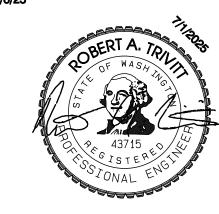
# Taco Time Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington CROSS-SECTION C-C HOR. SCALE: 1"=20' VERT. SCALE: 1"=5' CROSS-SECTION A-A HOR. SCALE: 1"=20' VERT. SCALE: 1"=5' PROPOSED BUILDING MIN. COVER = 2'-FF=54.70 100-YEAR=51.35 10-YEAR=50.44 BOTTOM EL=49.60 BOTTOM EL=49.60 GEOGRID & BACKFILL-PER WALL DESIGN DOWNSPOUT-INFILTRATION TRENCH DOWNSPOUT-INFILTRATION TRENCH LOWEST TOE=46.7 \_\_\_\_\_\_ G.₩.=46.0 5:1 MAX.-DISPERSION TRENCH GRADE BOARD EL=46.0 20+00 22+00 21+00





RECORD DRAWING CERTIFICATION

THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/6/25



CALL BEFORE YOU DIG
IT IS THE LAW
CALL 811
OR
800-424-5555

CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

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 ENGINEERING SERVICES MANAGER.

APPROVED

Cross-Sections & Storm

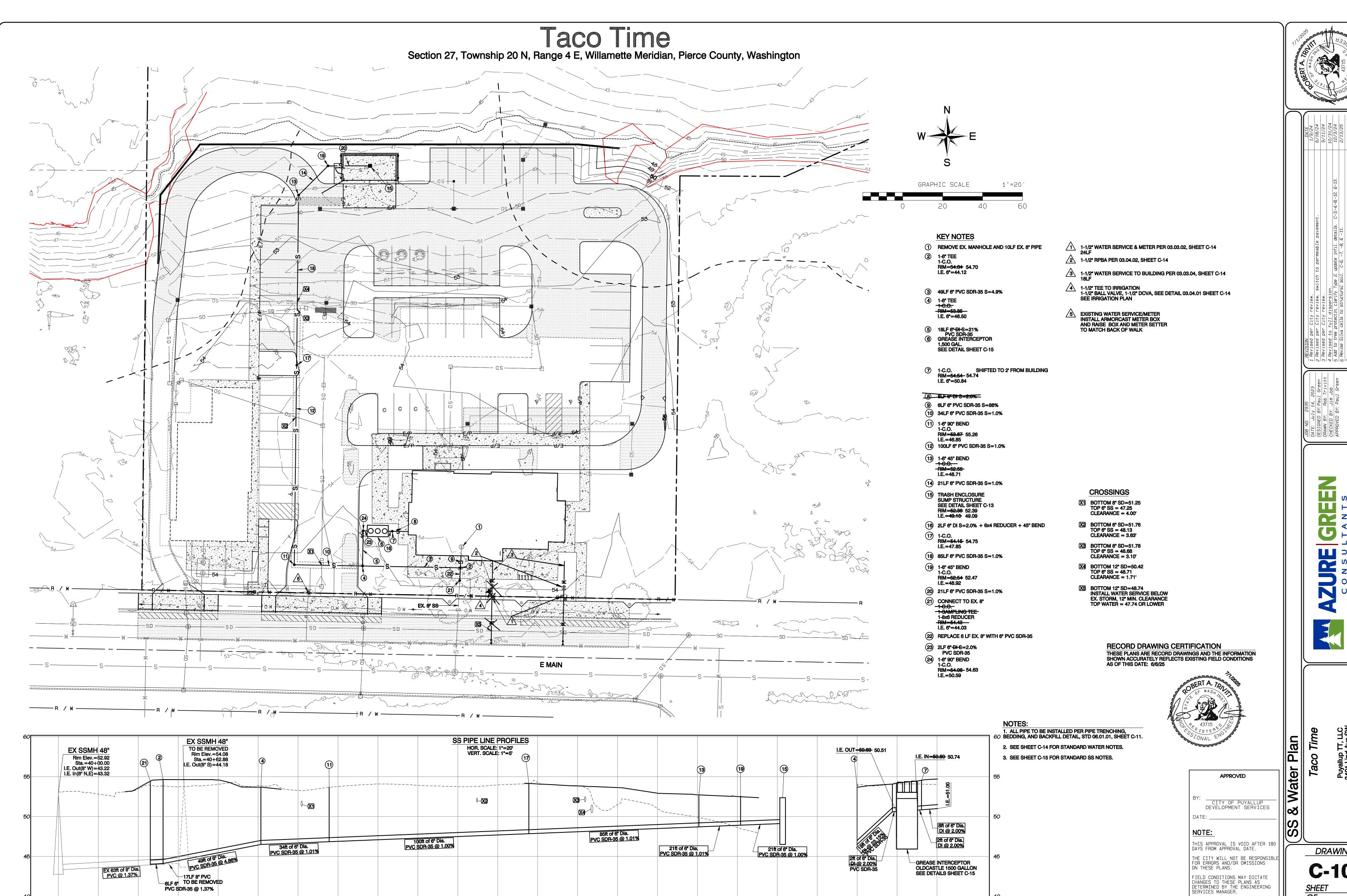
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OF 16



43+00

42+00

40+00

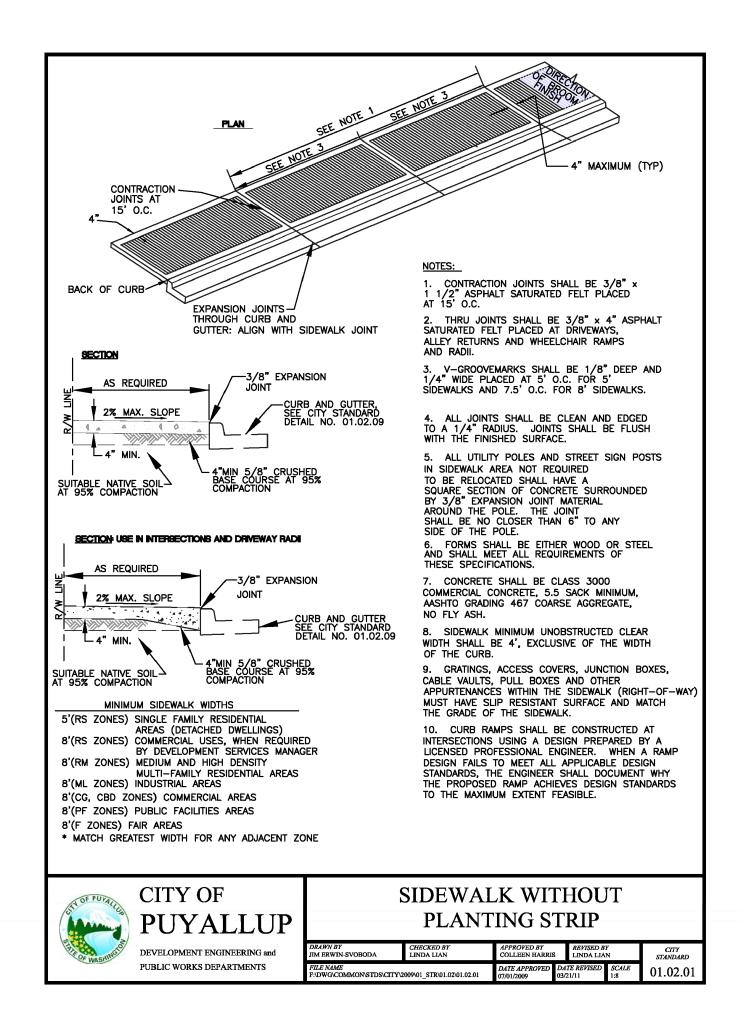
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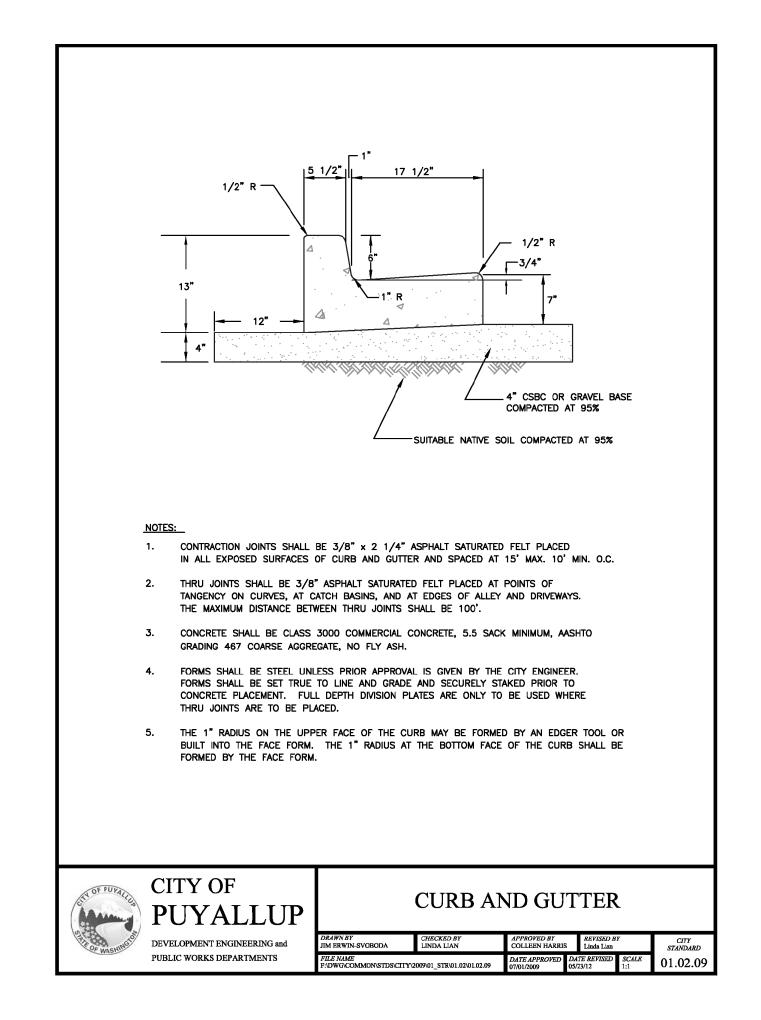
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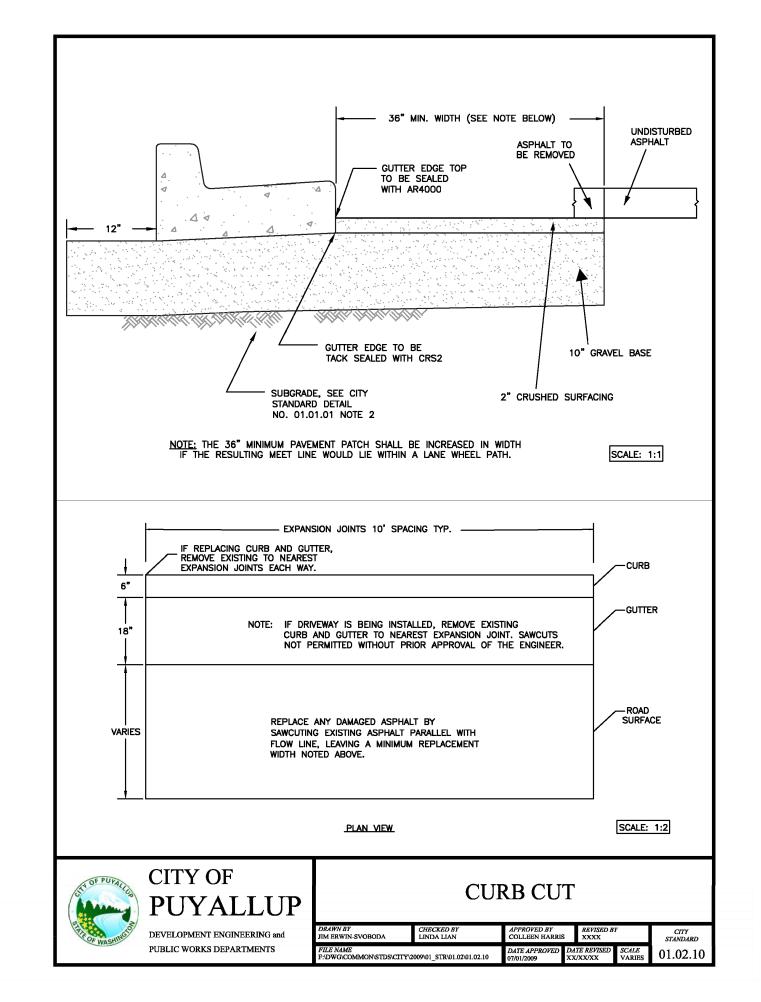


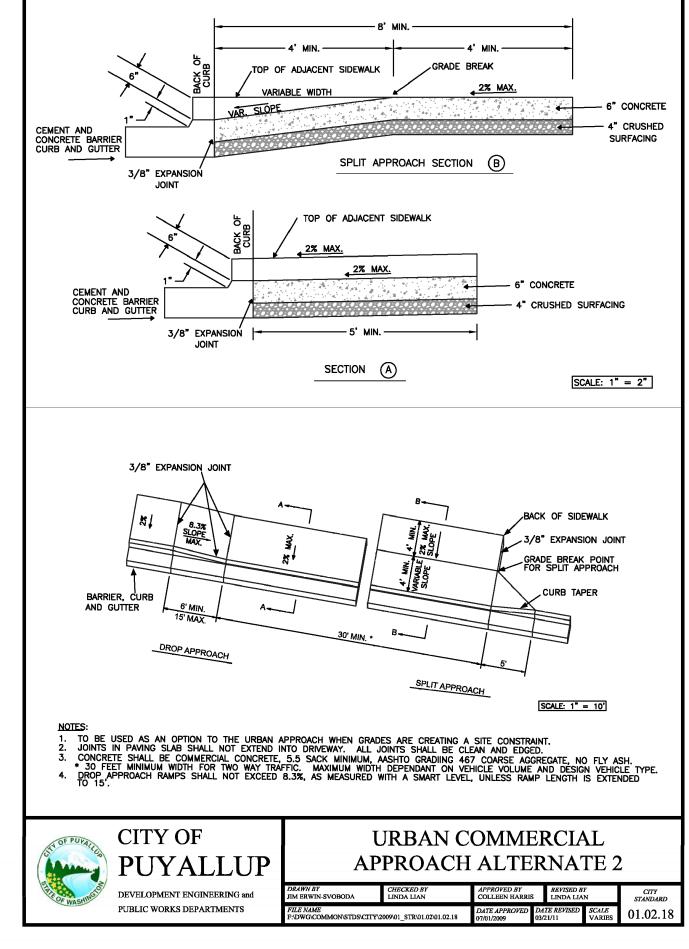
**RECORD DRAWING CERTIFICATION** 

AS OF THIS DATE: 6/6/25

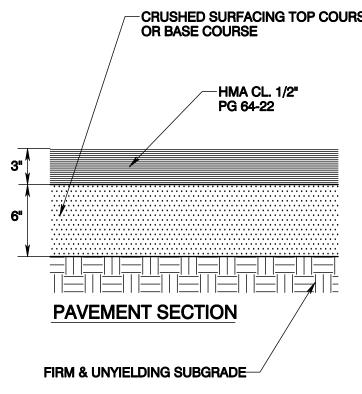
THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION

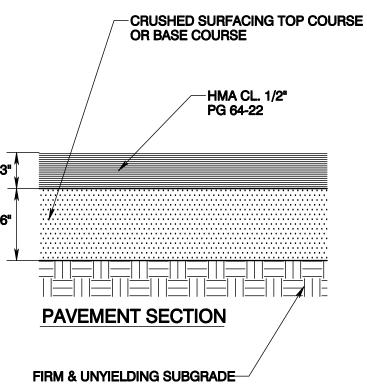
SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS

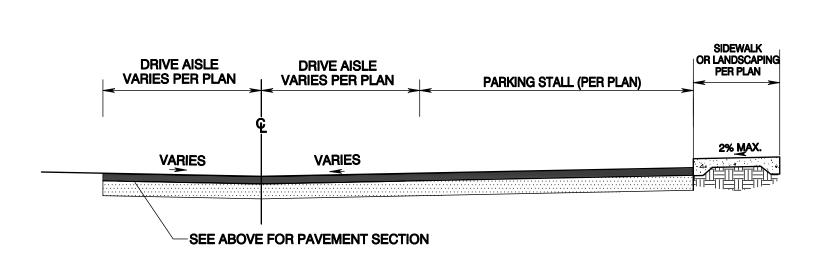












**PAVING CROSS-SECTION** (NOT TO SCALE)

1. ALL DEPTHS ARE MINIMUM COMPACTED DEPTHS. 2. SUBGRADE PREPARATION SHALL MEET THE REQUIREMENTS OF WSDOT STANDARD SPEC. 2-06.3 ( 1 ). IT SHALL BE THE RESPONSIBILITY OF THE REQUIREMENTS AND CONTROL ALL WORK. THE CITY OF PUYALLUP RESERVES THE RIGHT TO

REQUIRE COMPLIANCE TESTS AT THE CONTRACTOR'S EXPENSE.

3. SUBBASE MATERIAL SHALL BE GRAVEL BORROW MEETING THE REQUIREMENTS OF WSDOT STANDARD SPEC. OR CRUSHED BALLAST MEETING THE REQUIREMENTS OF WSDOT STANDARD SPEC. 9-03.9(1). CRUSHED SURFACING SHALL MEET THE GRADATION REQUIREMENTS OF WSDOT STANDARD SPEC. 9-03.9 (3). THE SUBBASE AND BASE MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH WSDOT STANDARD SPEC. 4-04.

4. SOIL STABILIZATION FABRIC MAY BE REQUIRED BY THE DEVELOPMENT REVIEW ENGINEER TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE BASE MATERIAL WHEN REQUIRED, THE CONTRACTOR SHALL PLACE A GEOTEXTILE FABRIC OVER THE PREPARED SUBGRADE WITH A 2 FOOT MINIMUM OVERLAP. THE FABRIC SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

5. ASPHALT CONCRETE PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH WSDOT STANDARD . 5-04. DESIGN ENGINEER SHALL SUBMIT A STATE APPROVED HMA MIX FOR APPROVAL.

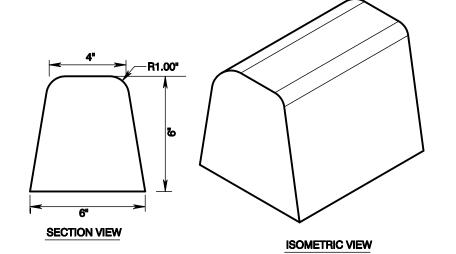
6. TEMPERATURE SHALL NOT EXCEED 325° F AT DISCHARGE OF THE PLANT NOR BE LESS THAN 185° F LEAVING THE SPREADER BOX.

THE MAXIMUM COMPACTED THICKNESS OF ANY SINGLE LIFT SHALL MEET WSDOT STANDARD SPEC. 5-04.3 (9) TO A MINIMUM AVERAGE COMPACTED DRY DENSITY OF 91 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY WSDOT TEST METHOD
SPECIFIED IN STANDARD SPEC. 5-04.3 (10)8. PERIODIC
COMPLIANCE TESTS SHALL BE MADE BY A CERTIFIED
TESTING AGENCY AT THE EXPENSE OF THE CONTRACTOR.

EXISTING ASPHALT MEET LINES SHALL BE TACK COATED PRIOR TO PAVEMENT PLACEMENT. WHEN SUCCESSIVE LIFTS OF ASPHALT ARE REQUIRED, A TACK COAT SHALL BE DISTRIBUTED UNIFORMLY OVER THE PREVIOUS LIFT AT A RATE OF 0.06-0.08 GALLONS PER SQUARE YARD AT A TEMPERATURE OF 100Ű F AND SHALL BE ALLOWED TO SET TO A TACKY STATE PRIOR TO THE PLACEMENT OF THE NEXT LIFT.

9. ALL MEET LINES BETWEEN LIFTS OF ASPHALT SHALL BE UNIFORM AND VERTICAL. THE MEET LINES SHALL BE CLEANED AND TACK COATED. 10. ANY CHANGES TO THE STANDARD PAVEMENT SECTION

SHALL REQUIRE APPROVAL BY THE DEVELOPMENT REVIEW ENGINEER. A STRUCTURAL PAVEMENT CROSS SECTION DESIGN WITH CALCULATIONS SHALL BE REQUIRED. 11. ALL MANHOLE FRAMES, VALVE FRAMES AND MONUMENT COVERS SHALL BE INSTALLED AFTER PLACEMENT OF ASPHALT. IF MORE THAN ONE LIFT IS NECESSARY, FRAMES AND LIDS WILL BE ADJUSTED TO FINISH GRADE AT FIRST LIFT AS DIRECTED BY THE CITY



1. CONCRETE SHALL BE CLASS 3000 OR COMMERCIAL WITH AIR-ENTRAINMENT. 2. CONCRETE TO BE ANCHORED WITH ADHESIVE MEETING REQUIREMENTS OF SECTION 9-20 OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR TYPE II EPOXY RESIN.

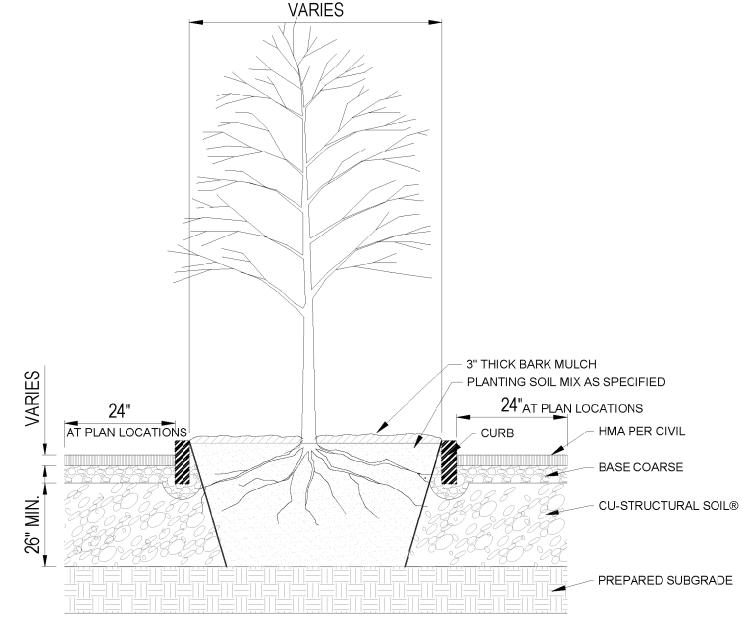
3. CONTROL JOINTS SHALL BE PLACED NOT TO EXCEED 10' CLS. **EXTRUDED CURB DETAIL** 

APPROVED CITY OF PUYALLUP DEVELOPMENT SERVICES

SERVICES MANAGER.

THIS APPROVAL IS VOID AFTER 18 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 ENGINEERING

DRAWING SHEET OF



1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

- 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR
- REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE. 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER

Typical Parking Lot Island, Using CU-Structural Soil® (NOT TO SCALE)

- CU-STRUCTURAL SOIL®

CONSTRUCTION. 4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE

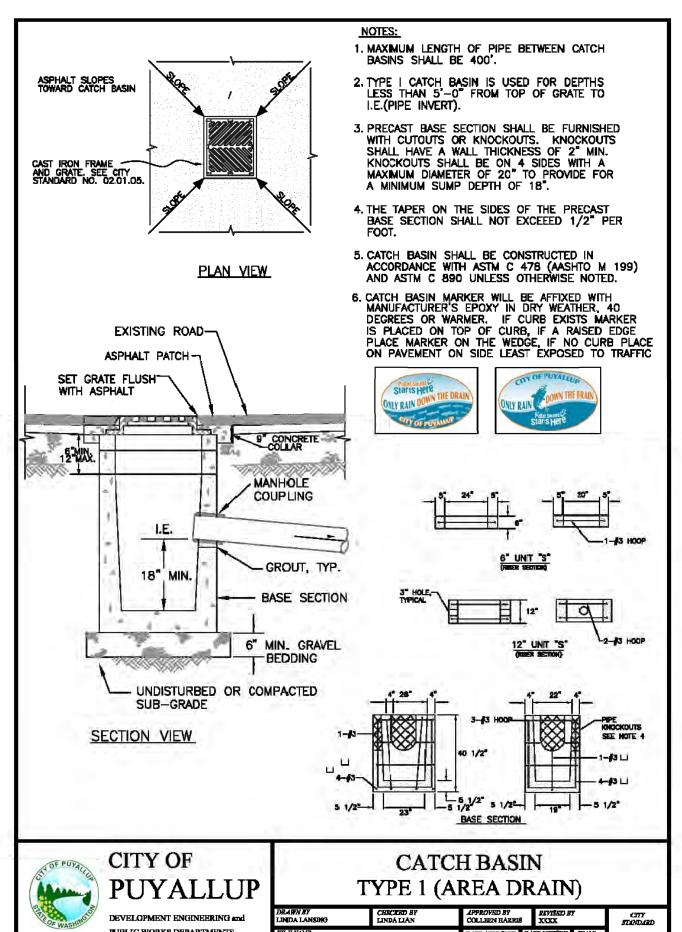
REFERENCE NUMBER 057-005.



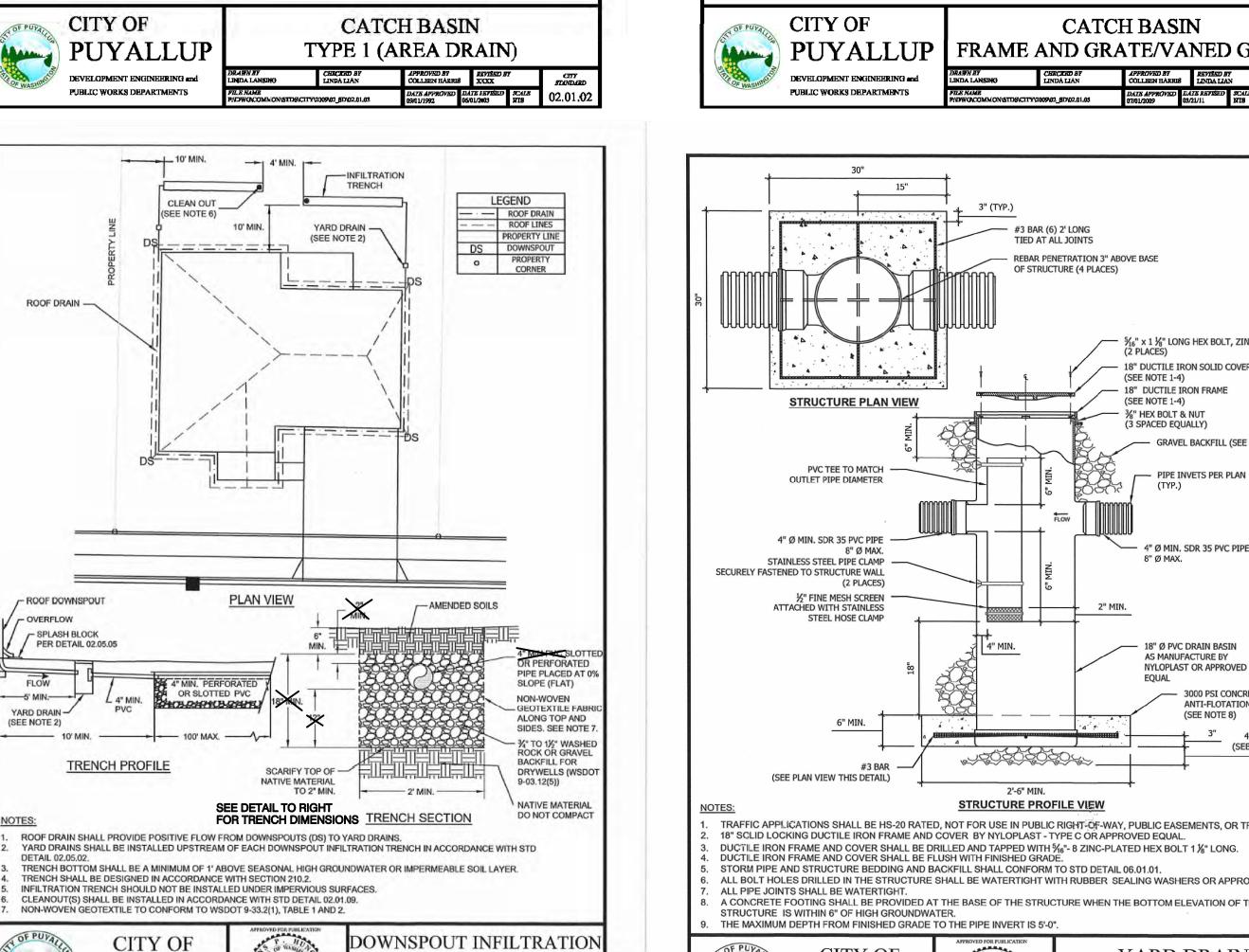
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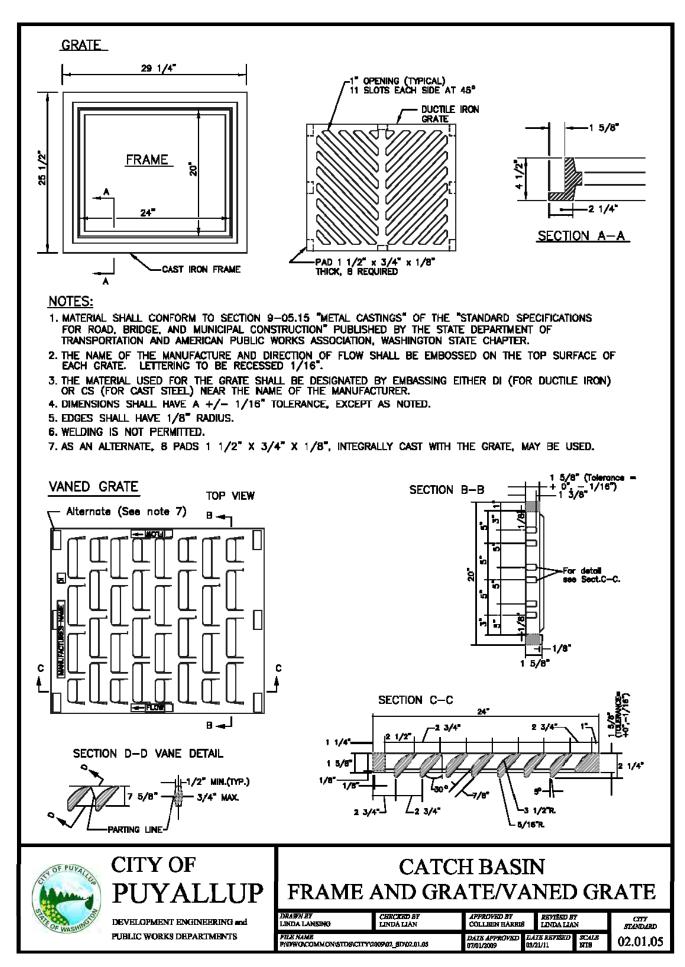


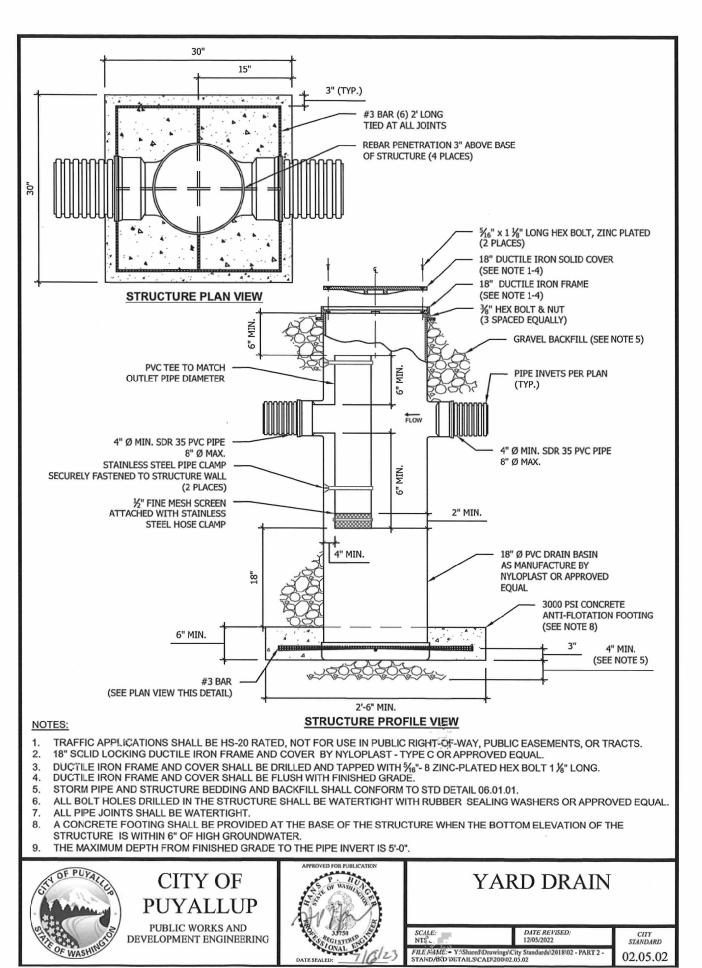


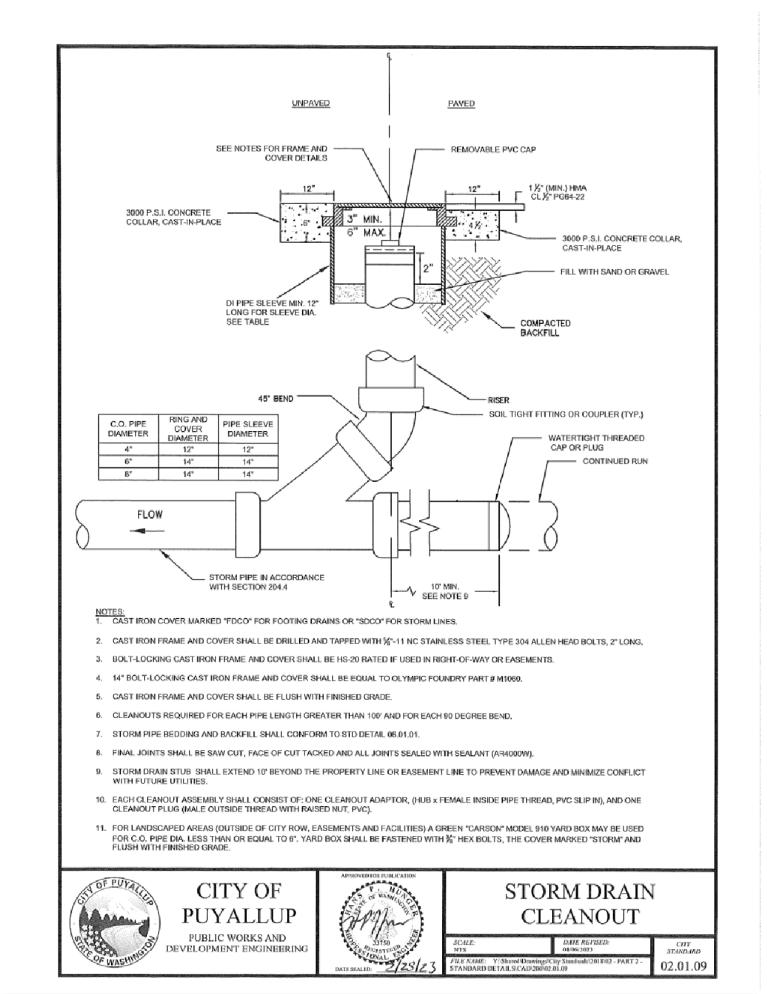


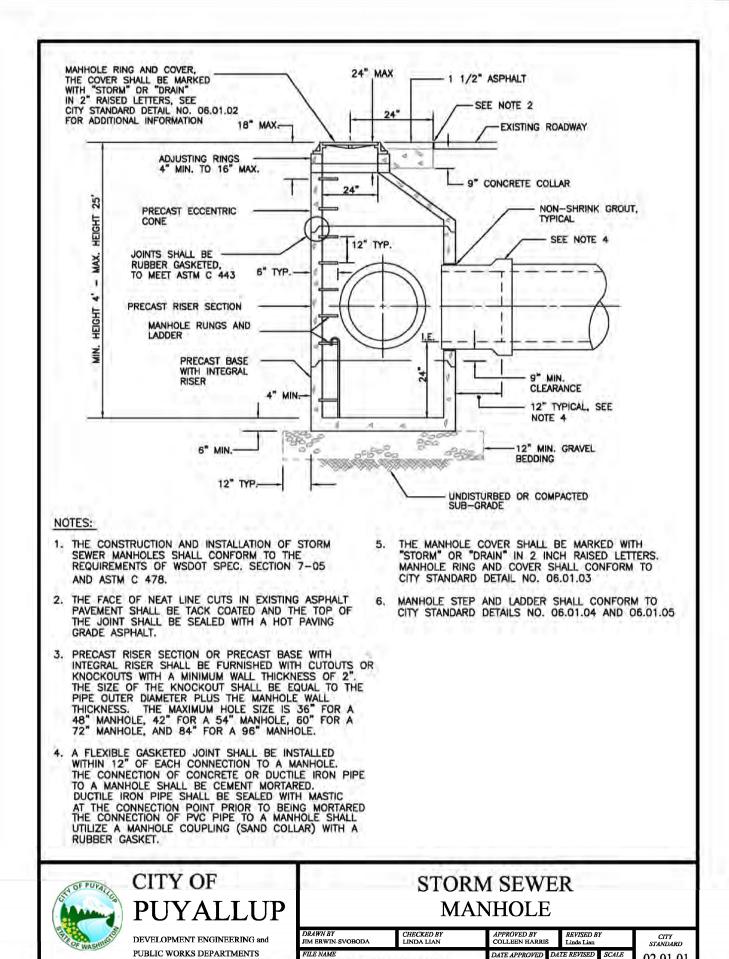
PUBLIC WORKS AND DEVELOPMENT ENGINEERIN



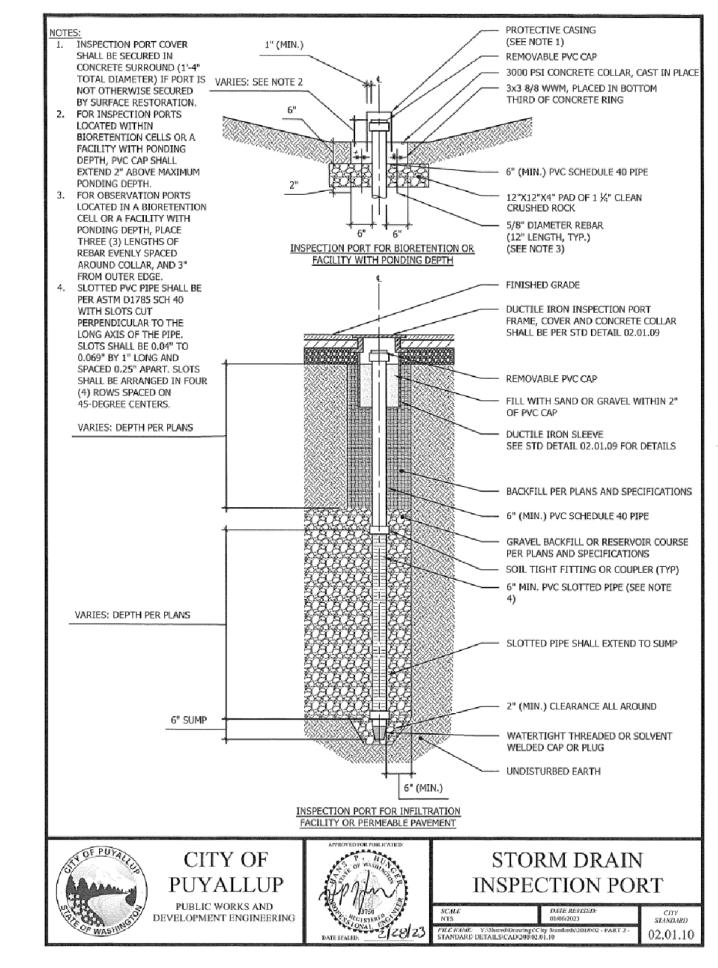


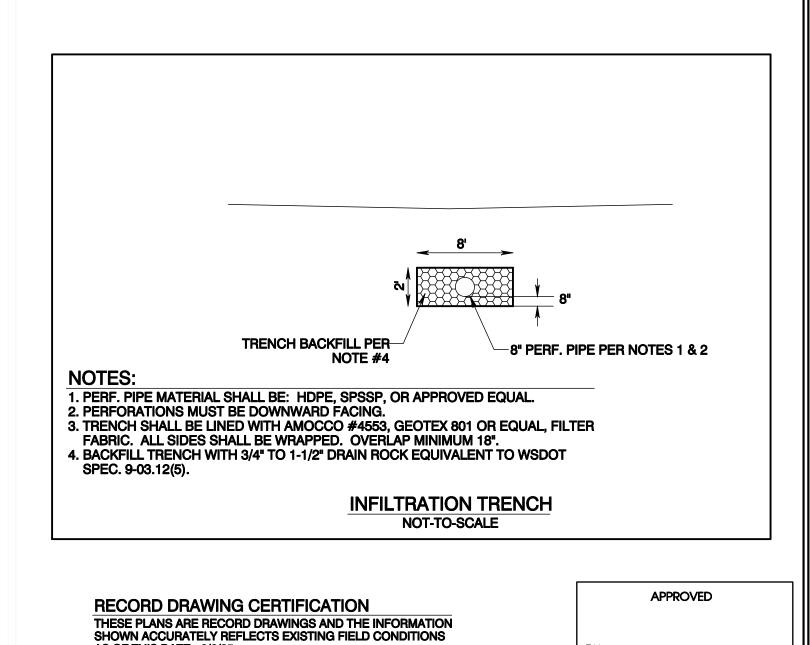


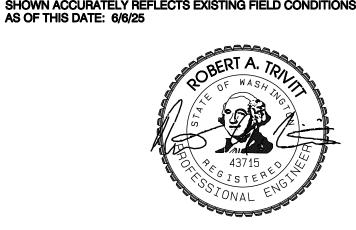


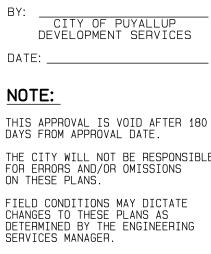


02.01.01











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DRAWING

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STORMFILTER CATCHBASIN DESIGN NOTES HAS A MAXIMUM OF TWO CARTRIDGES. SYSTEM IS SHOWN WITH A 27" CARTRIDGE, AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER

CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL.

STORMWATER NOTES:

construction.

developer's expense.

provision of sanitary sewer service.



2-#4

BAR

1. All work in City right—of—way requires a permit from the City of Puyallup. Prior to any work commencing, the general

contractors that will perform work shown on the engineering plans, representatives from all applicable Utility Companies,

. 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

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 Transpoliation

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 on site during

5. Any revisions made to these plans must be reviewed and approved by the developer's engineer and the Engineering

6. The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two

'. Any structure and/or obstruction which require removal or relocation relating to this project, shall be done so at the

9. All storm manholes shall conform to City Standard Detail No. 02.01.01. Flow control manhole/oil water separator shall

11. Catch basins Type I shall conform to City Standard Detail No.02.01.02 and 02.01.03 and shall be used only for

B-30.20-04 (Olympic Foundry No. SM60 or equal). Vaned grates shall conform to WSDOT Standard Plan B-30.30-03

14. Stormwater pipe shall be only PVC, concrete, ductile iron pipe, or dual walled Polypropylene pipe.

a. The use of any other type shall be reviewed and approved by the Engineering Services

b. PVC pipe shall be per ASTM D3034, SDR 35 for pipe size I5-inch and smaller and

12. Catch basins Type II shall conform to City Standard Detail No.02.01.04 and shall be used for depths greater than

13. Cast iron or ductile iron frame and grate shall conform to City Standard Detail No.02.01.05. Grate shall be marked with drains to stream . Solid catch basin lids (square unless noted as round) shall conform to WSDOT Standard Plan

Services Staff prior to any implementation in the field. The City shall not be responsible for any errors and/or

working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.

8. During construction, all existing and newly installed drainage structures shall be protected from sediments.

and American Public Works Association, Washington State Chapter, latest edition, unless superseded or amended

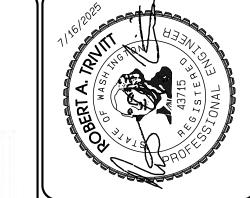
contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all

The contractor is responsible to have their own approved set of plans at the meeting.

the project owner and appropriate City staff. Contact Engineering Services to schedule the meeting (253) 841-5568.

REINFORCING

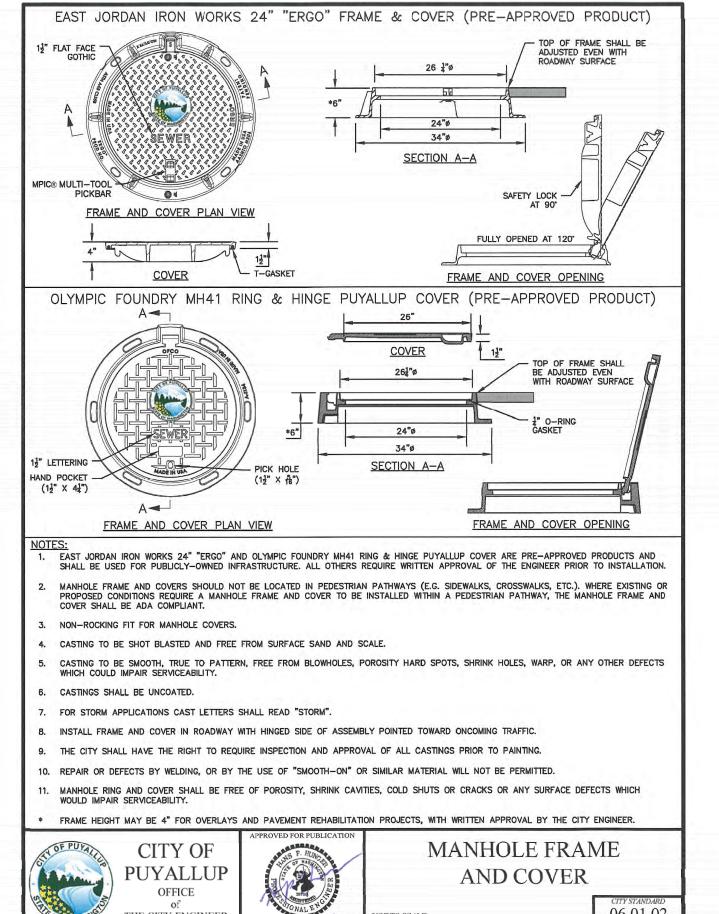
PARKING LOT WHEEL STOPS

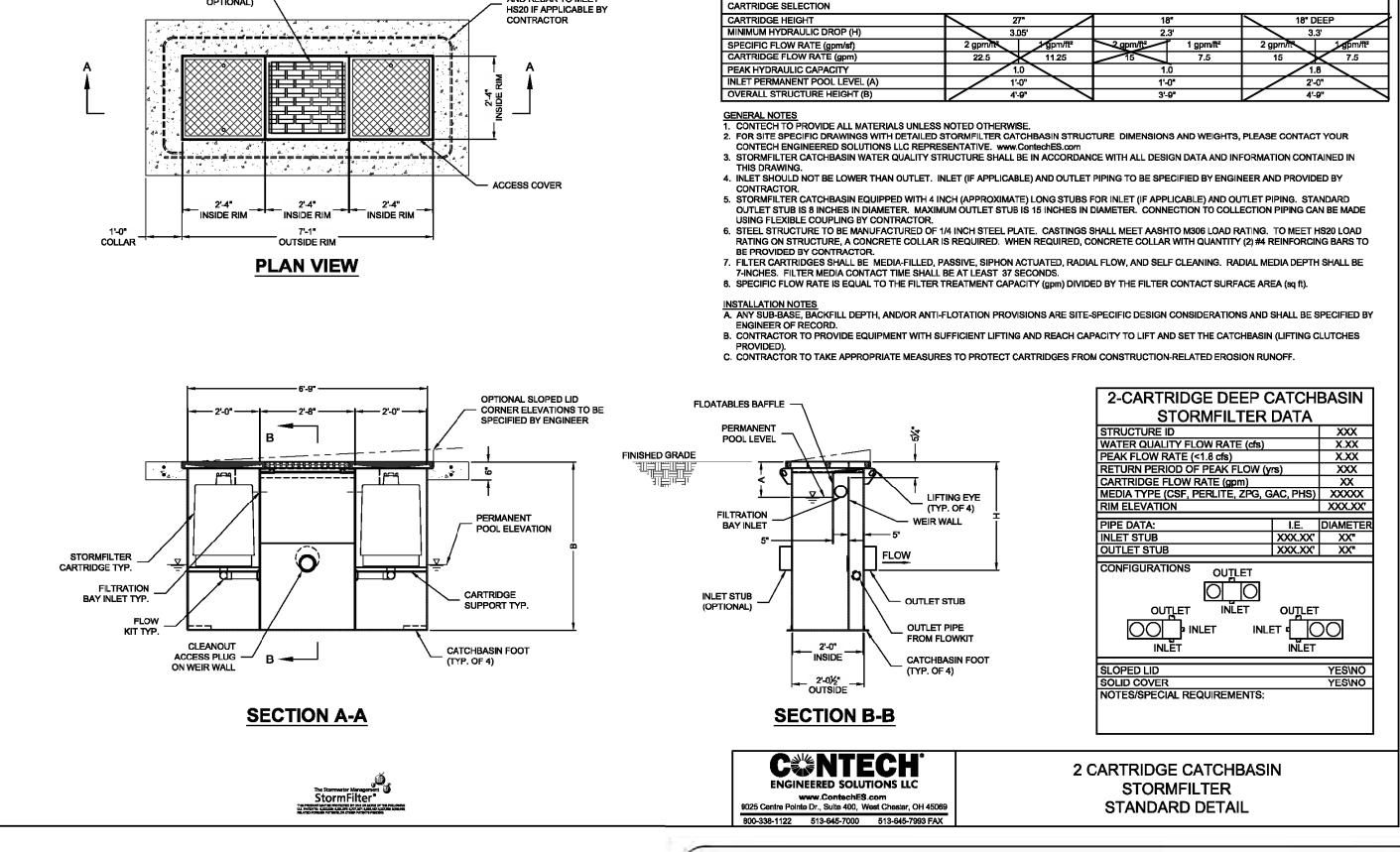


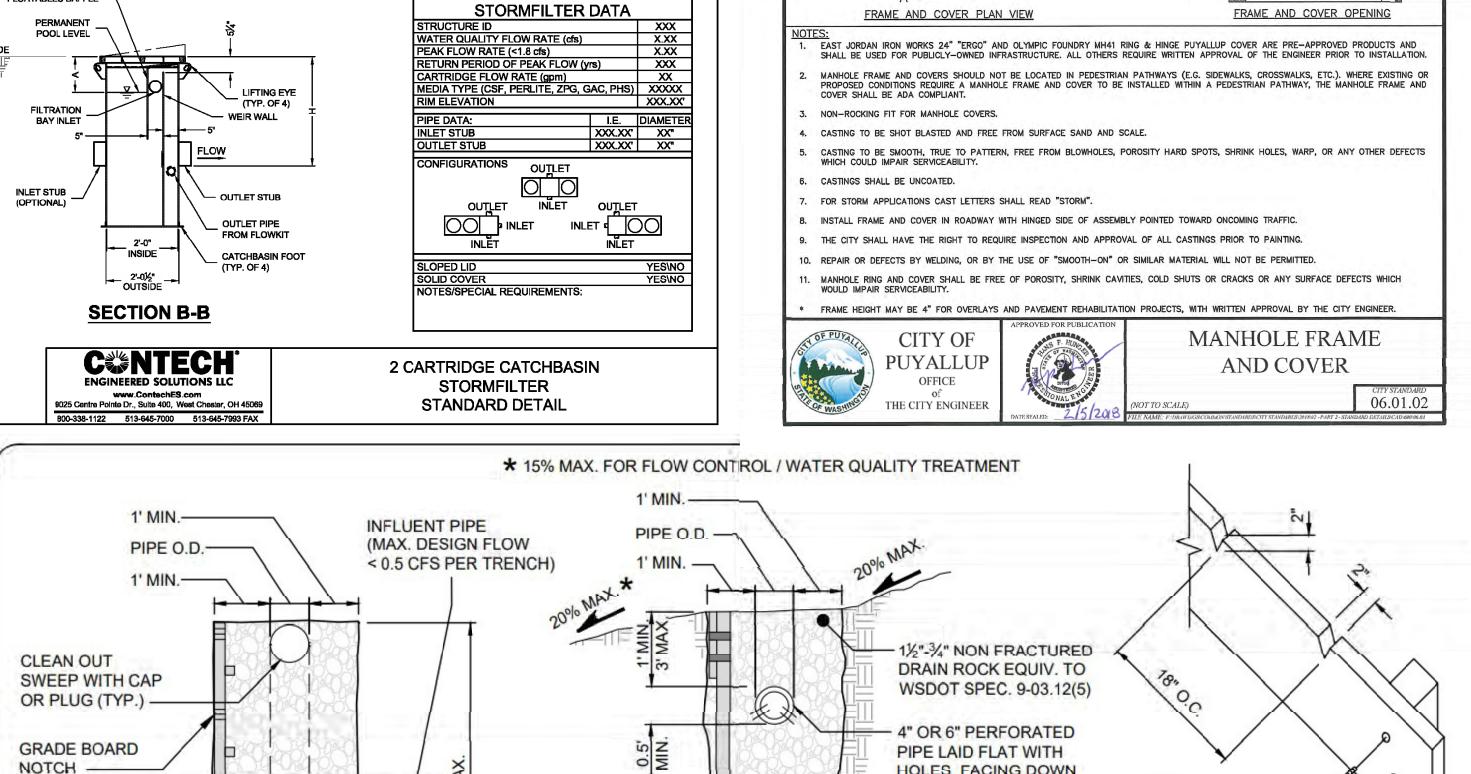
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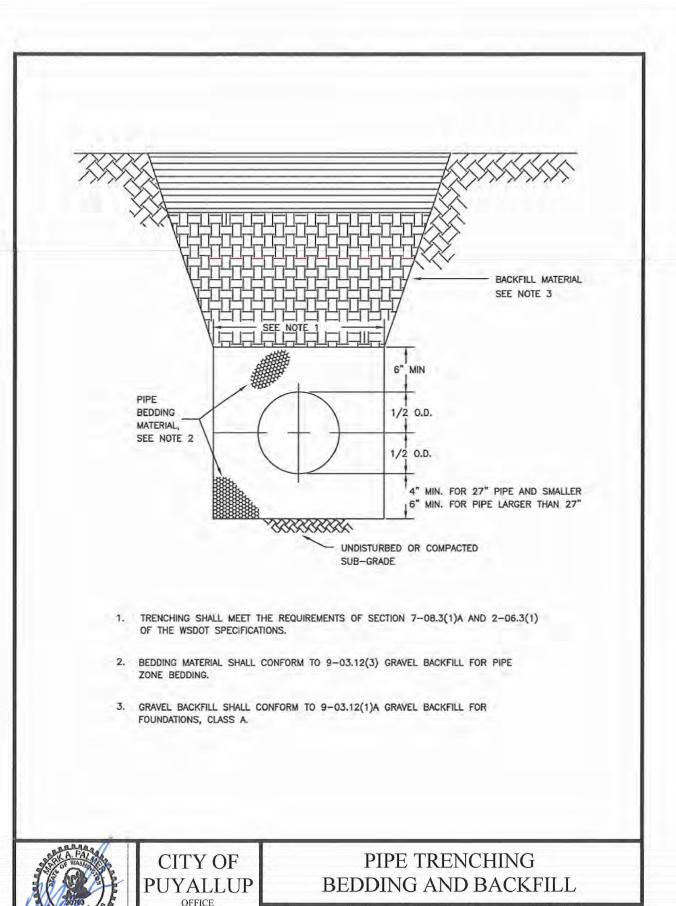
IELD CONDITIONS MAY DICTATE

DRAWING SHEET

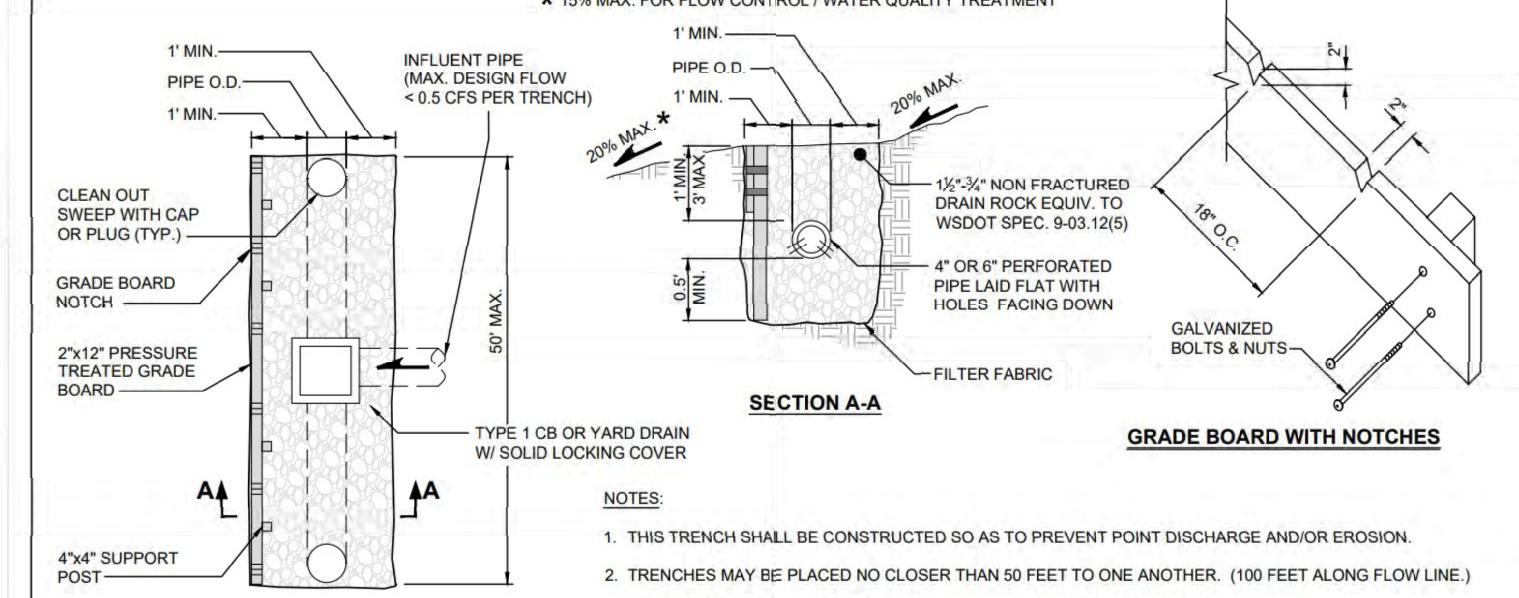








VANED INLET GRATE (SOLID COVER -



# FLOW DISPERSION TRENCH

**SECTION A - 1.0** 

VISIBLE OR THE LOCATION STAKED.

TRENCH AND GRADE BOARD MUST BE LEVEL. ALIGN TO FOLLOW CONTOURS OF SITE.

5. THE END OF EACH PIPE RUN SHALL HAVE AN ACCESSIBLE CLEAN OUT SWEEP. PIPE END SHOULD BE

GRADE BOARD SUPPORT POST SPACING AS REQUIRED BY SOIL CONDITIONS.

EFFECTIVE DATE: 7/1/2021

ORDINANCE: 2021-45

d. Ductile iron pipe shall be Class 50, conforming to AWWA C151. Minimum cover on ductile iron pipe shall be 1.0 foot. e. Polypropylene Pipe (PP) shall be dual walled, have a smooth interior and exterior corrugations and meet WSDOT 9-05.24(1). 12-inch through 30-inch pipe shall meet or exceed ASTM F2736 and AASHTO M330, Type S, or Type D. 36—inch through

10. Manhole ring and cover shall conform to City Standard Detail 06.01.02.

depths less than 5 feet from top of the grate to the invert of the storm pipe.

conform to City Standard Detail No. 02.01.06 and 02.01.07.

5 feet from top of the grate to the inveli of the storm pipe.

(Olympic Foundry No. SM60V or equal).

Staff prior to installation

construction activities.

60-inch pipe shall meet or exceed ASTM F2881 and AASHTO M330, Type S, or Type [ Testing shall be per ASTM F1417. Minimum cover over Polypropylene pipe shall be

15. Trenching, bedding, and backfill for pipe shall conform to City Standard Detail

16. Storm pipe shall be a minimum of 10 feet away from building foundations and/or

17. All storm drain mains shall be tested and inspected for acceptance as outlined i Section 406 of the City of Puyallup Sanitary Sewer System Standards. 18. All temporary sedimentation and erosion control measures, and protective measures | DETERMINED BY THE ENGINEERING

DAYS FROM APPROVAL DATE. FOR ERRORS AND/OR OMISSIONS IN THESE PLANS.

SERVICES MANAGER.

HANGES TO THESE PLANS AS

F679 for pipe sizes 18 to 27 inch. Minimum cover on PVC pipe shall be 3.0 feet c. Concrete pipe shall conform to the WSDOT Standard Specifications for concrete underdrain pipe. Minimum cover on concrete pipe shall not less than 3.0 feet.

roof lines.

for critical areas and significant trees shall be installed prior to initiating any

DEVELOPMENT SERVICES HIS APPROVAL IS VOID AFTER 18 HE CITY WILL NOT BE RESPONSIBL

APPROVED

**Pierce County** Planning and Public Works 2401 S 35th St.

Tacoma, Washington 98409

PLAN

WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" FROM PAVED FINAL GRADE IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM O VALVE OPERATING NUT EXTENSIONS ARE REQUIRED WHEN THE VALVE NUT IS MORE THAN FIVE (5) FEET BELOW FINISHED GRADE. EXTENSIONS ARE TO BE A MINIMUM OF TWO (2) FEET LONG, ONLY ONE EXTENSION TO BE USED PER VALVE. TOP OF EXTENSION SHALL BE 2 FEET 6 INCHES TO 3 FEET BELOW FINISHED GRADE.

ALL VALVE OPERATING NUT EXTENSIONS ARE TO BE MADE OF STEEL, SIZED AS NOTED, AND PAINTED WITH TWO COATS OF METAL PAINT VALVE BOXES SHALL BE TWO-PIECE, ADJUSTABLE, CAST IRON WITH EXTENSION PIECES (IF NECESSARY), AS MANUFACTURED BY THE VANRICH #940 SEATTLE MANUFACTURED BY EAST JORDAN (EJ) IRONWORKS MODEL 8555 WITH VALVE BOX COVER MODEL 6800 OR APPROVED EQUAL.

NEAT LINE CUTS SHALL BE SEALED WITH A HOT PAVING GRADE ASPHALT AND FACE OF CUT TACKED. WATER MAINS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH DIVISION 7 OF THE WISDOT STANDARD SPECIFICATIONS SUPPLEMENTED WITH THE FOLLOWING: A. DUCTILE IRON PIPE SHALL CONFORM TO AWWA C 151, THICKNESS CLASS 52, AND THE EXTERIOR SHALL BE COATED WITH COAL TAR VARNISH. PIPE A FITTINGS SHALL BE MORTOR LINED AND SHALL CONFORM TO AWWA C 104. THE THICKNESS OF THE LINING SHALL BE NOT LESS THAN 1/16" THICK FOR 3" TO 12" PIPE, 3/32" THICK FOR 14" TO 24" PIPE, AND 1/8" THICK FOR 30" TO 54" PIPE. THE CEMENT LINING SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 150.

B. JOINTS SHALL BE TYTON PUSH-ON JOINTS, OR APPROVED EQUAL, OR MECHANICAL JOINT TYPE PER AWWA C 111 EXCEPT WHERE FLANGED JOINTS ARE REQUIRED TO CONNECT TO VALVES OR OTHER EQUIPMENT.

ONE-QUARTER (1-1/4) INCHES SHALL BE STEEL, ASTM A 307, GRADE B, WITH CADMIUM PLATING, ASTM A 165, TYPE NS.

D. BOLTS USED IN FLANGE INSTALLATION SETS SHALL CONFORM TO ASTM B 193, GRADE B7. NUTS SHALL COMPLY WITH ASTM A 194, GRADE 2H.

PROVIDE A WASHER FOR EACH NUT, WHERE NEEDED. WASHERS SHALL BE OF THE SAME MATERIAL AS THE NUTS.

GREATER THAN TEN (10) INCHES.

VALVES, 200 PSI WORKING PRESSURE, THEY SHALL BE IRON-BODIED, BRONZE MOUNTED, NON-RISING STEM, WITH TWO (2) INCH SQUARE NU COUNTER-CLOCKWISE OPENING, MECHANICAL JOINT AND / OR FLANGED ENDS (6" VALVES ON FIRE HYDRANT LINES WHICH SHALL BE MECHANICAL JOINTS BY FLANGED). VALVE STEMS SHALL BE PROVIDED WITH O-RING SEALS AND SHALL BE AS MANUFACTURED BY THE MUELLER COMPANY OR

2) BUTTERFLY VALVES: BUTTERFLY VALVES CONFORMING WITH AWWA C 504, CLASS 150 AND SHALL HAVE STANDARD AWWA TWO (2) INCH SQUARE NUT. DETECTABLE MARKING TAPE SHALL BE INSTALLED 18" ABOVE PIPE, BE BLUE IN COLOR, AND READ "CAUTION WATER LINE BELOW" MEETING WSDOT SPE

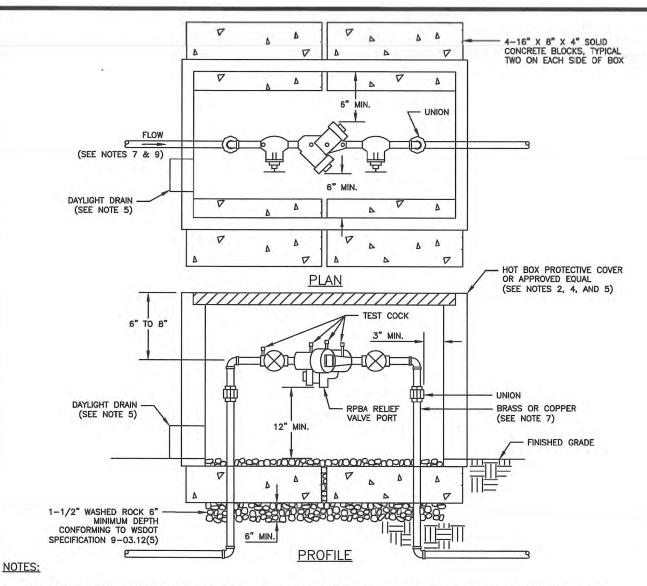


THE CITY ENGINEER



AND MAINS

WATER VALVES 03.01.01



BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES

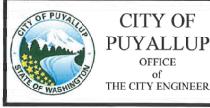
THE RPBA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374. THE RPBA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.

THE RPBA SHALL NOT BE INSTALLED IN A PIT BELOW GROUND LEVEL.

THE PROTECTIVE COVERING FOR THE RPBA, WHICH PROTECTS THE ASSEMBLY FROM FREEZING, MUST INCLUDE A DAYLIGHT DRAIN. THE DRAIN MUST BE INSTALLED ABOVE GROUND OR ABOVE THE MAXIMUM FLOOD LEVEL, WHICHEVER IS HIGHER. THE DRAIN MUST BE A MINIMUM OF TWICE THE SIZE OF THE RPBA, TO BE ABLE TO HANDLE THE VOLUME OF WATER THAT POTENTIALLY COULD BE DISCHARGED FROM THE RELIEF VALVE PORT. THE RPBA SHALL BE SIZED EQUAL OR COMPARABLE TO THE METER SIZE.

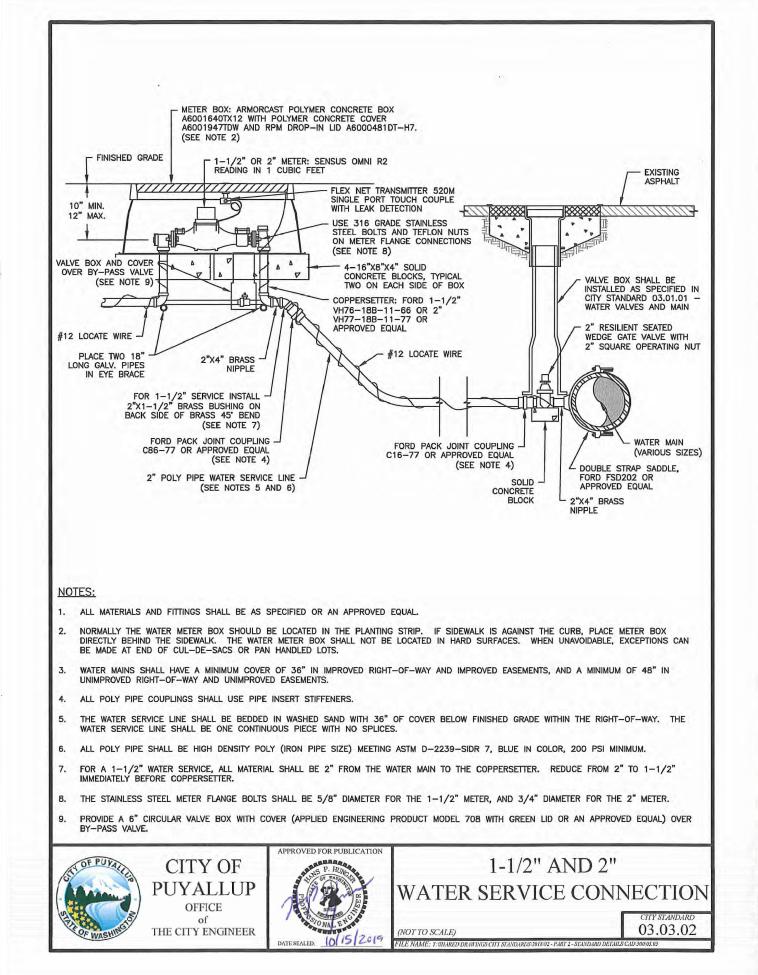
USE ONLY BRASS OR COPPER BETWEEN THE METER AND THE BOTTOM VERTICAL 90 DEGREE BEND ON THE CUSTOMER'S SIDE OF THE RPBA. DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS. THE RPBA SHOULD BE LOCATED IMMEDIATELY DOWN STREAM OF THE METER, AND SHOULD NOT BE INSTALLED INSIDE A BUILDING.

D. AN RPBA INSTALLED MORE THAN FIVE (5) FEET ABOVE FLOOR LEVEL MUST HAVE A PLATFORM UNDER IT FOR THE TESTER OR MAINTENANCE PERSON TO STAND ON. THE PLATFORM MUST BE OSHA APPROVED AND MEET ALL APPLICABLE SAFETY STANDARDS AND CODES,





AND SMALLER REDUCED PRESSURE BACKFLOW ASSEMBLY INSTALLATION 03.04.02



WATER SYSTEM PLAN 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 water system and provision of sanitary sewer service.

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 City Standards ), or as directed by Fruitland Mutual Water Company (FMWC), Valley Water (VW), or Tacoma City Water (TCW) is the

4. A copy of these approved plans and applicable city developer specifications and details shall be on site during construction.

5. Any revisions made to these plans must be reviewed and approved by the developer's engineer, the Engineering Services Staff, and the FMWC, VW or TCW when served by that purveyor, prior to any implementation in the field. The City shall not be responsible for any errors and/or omissions on these plans.

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 immediately if a conflict exists.

7. Any structure and/or obstruction which requires removal or relocation relating to this project shall be done so at the developer's expense. 8. Bacteriological (Coliform and Iron Bacteria) test samples will be taken by the City (or FMWC, VW or

TCW when served by that purveyor) and paid for by the contractor except for Capital Improvement Projects (CIP) which shall be paid for by the City. 9. Water mains shall have a minimum cover of 36 inches from paved final grade in improved right-of-way

and improved easements, and a minimum of 48 inches in unimproved right—of—way and unimproved

10. Pipe for water mains shall be ductile iron conforming to Section 7-09 of the Standard Specifications, Class 52 with tyton or approved equal joints. Pipe shall be cement lined in accordance with A.S.A. Specification A 21.4–1964.

11. Connections to existing water mains typically shall be wet taps through a tapping tee and tapping valve and shall be made by a city approved contractor. The tapping sleeve shall be Romac SST all stainless steel tapping sleeve or approved equal. A two-piece epoxy coated or ductile iron tapping sleeve may be used on ductile iron pipe, when the tap is smaller than the water main size i.e. 6-inch tap on 8-inch pipe. The City (or FMWC, VW or TCW when served by that purveyor) shall approve the time and location for these connections.

12. All water mains and appurtenances shall be hydrostatically tested at 200 psi in accordance with Standard Specification 7-09.3 (23). Pressure testing shall not be performed until satisfactory purity samples have been received, except when new water mains are installed independently from the water system piping. 13. Fire hydrants shall be installed in accordance with City Standard Detail 03.05.01 and as directed by the City of Puyallup Fire Code Official.

14. Valve marker posts shall be installed where valve boxes are hidden from view or in unpaved areas. The installation shall be in accordance with City Standard Detail 03.01.02.

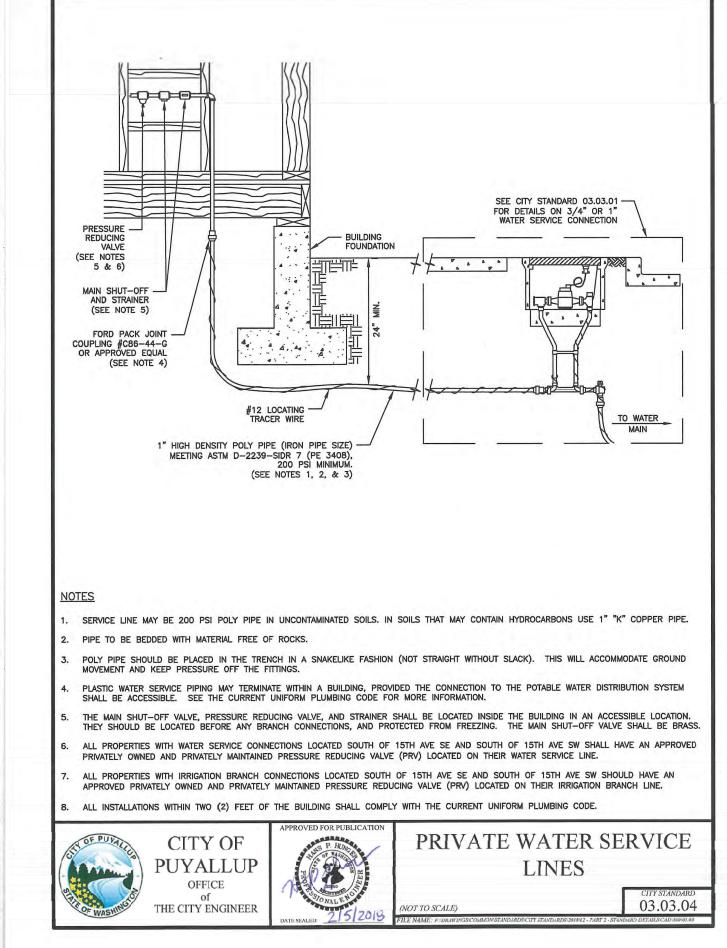
15. Resilient seated wedge gate valves shall be used for 10-inch mains and smaller. Butterfly valves

16. Pipe fitting for water mains shall be ductile iron and shall be mechanical joint conforming to AWWA Specification C111-72.

17. Water main pipe and service connections shall be a minimum of 10 feet away from building foundations and/or roof lines.

shall be used for mains greater than 10 inches.

18. Where a water main crosses the Northwest Gas pipeline, the water line shall be cased with PVC pipe a minimum of 10 feet beyond each side of the gas line easement. Contact Williams Northwest Pipeline before the crossing is made.



19. Trenching, bedding, and backfill for water mains shall be installed in accordance with City Standard

20. All commercial and industrial developments, irrigation systems, and multi-family water service connections shall be protected by a double check valve assembly or a reduced pressure backflow assembly as directed by the City (or FMWC, VW or TCW when served by that purveyor) conforming to City Standard Details 03.04.01, 03.04.02, and 03.04.03.

21. Any lead joint fitting disturbed during construction shall be replaced with a mechanical joint fitting at the contractor s expense. 22. Hydraulic fire flow modeling shall be required for formal plats within or to be annexed into the City of Puvallup s water service area. The developer shall be responsible to apply for a hydraulic model permit prior

to plat review. The hydraulic modeling criteria is based on the projected water demand while maintaining a minimum system pressure of 20 pounds per square inch (PSI) and a maximum velocity of 10 feet per second. 23. When using a fire hydrant for non-firefighting purposes, a city hydrant meter must be used. Coordinate the acquisition of the hydrant meter with the City s Utility Billing Division at Puyallup City Hall. A city approved

site for the duration of the hydrant use. 24. Should a break occur on any City water main, the Contractor shall follow the City s adopted Water Main Break Procedure issued to them at the Pre-Construction Meeting and notify those connected to the system in

backflow protection assembly shall be installed by the person requesting use of a fire hydrant. The assembly

shall be accompanied by a current backflow assembly test report. The test report shall be available at the

the impacted area as outlined in the Procedure. 25. Water Main Repairs (References: AWWA C651-14 and WSDOT Standard Specification Section 7-09)

(Note: A planned water main repair shall be approved by the City Inspector and/or Water Division Supervisor

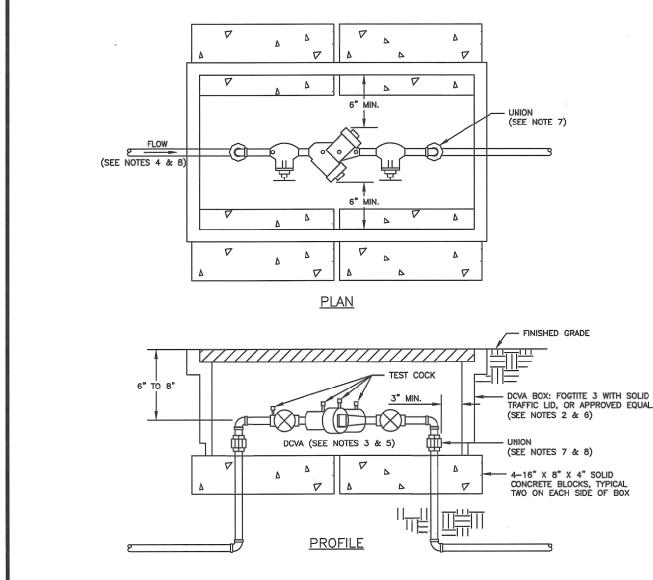
prior to commencing work.) a. Repair without depressurization Small leaks shall be repaired using repair bands while maintaining positive pressure in the water main. Valves surrounding the leak will be partially shut by the City Water Department to reduce the flow and pressure to the area. Blowoffs and hydrants in the reduced pressure area may be opened as needed to further reduce the pressure. The water main trench shall be over—excavated to allow water in the trench to be pumped out and maintained below the level of the water main. The repair shall be completed with the water main pressure remaining positive. After the repair is made, the system shall be fully pressurized and a visual leak inspection will be completed. The water main in the affected area shall be flushed to achieve three pipe volumes pulled from the pipe

(distance measured from valve opened for flushing to the exit hydrant or blowoff). . Repair/cut—in with depressurization  $\;\;$  Trench shall be over excavated and dewatered below the water main. Flush water from pipe from each direction until it runs clear. Immediately prior to installation of a new pipe section for repair or cut in tee, all new fittings and pipe spools shall be swabbed with a five percent (5%) chlorine solution (minimum). The interior of the existing pipe shall be swabbed with a five percent (5%) chlorine solution at least 6 feet in each direction from exposed cut ends. The water main in the affected area shall be flushed to achieve three pipe volumes pulled from the pipe (distance measured from the valve opened for flushing to the exit hydrant or blowoff). Customers shall be notified after the water main is flushed and repairs have been completed, as outlined in the Water Main Break

26. New Water Main Installation: a. Each new water main section shall be delivered, stacked and stored onsite with ends plugged. The plugs shall remain in the pipe until each particular section is installed. National Sanitation Foundation (NSF) approved sixty-five percent (65%) calcium hypochlorite shall be added to the upstream end of each pipe section, and at each hydrant tee in the amount given in the table below (or per approved manufacturer specifications). The minimum amount of calcium hypochlorite added should be sufficient to achieve a

Pipe Volume 5-gram Hypochlorite Granules Maximum Pipe Diameter per 18 feet tablets per Ounces per Teaspoons Fill Rate 500 feet per 18 feet pipe section (Inches) (gpm)

50 mg/L concentration within the impacted area.



APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.

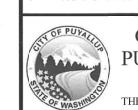
A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374.

DCVA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF WATER METER. WHEN IRRIGATION SYSTEM IS CONNECTED OFF DOMESTIC WATER LINE, IRRIGATION DCVA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF THE BRANCH CONNECTION.

METER BOX SHALL BE LARGE ENOUGH TO ALLOW THE MINIMUM SETBACKS ILLUSTRATED ABOVE, METER BOX LID SHALL BE A TRAFFIC LID WITH A H-20 LOADING.

DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.

USE ONLY BRASS OR COPPER BETWEEN THE METER AND THE UNION ON THE CUSTOMER'S SIDE OF THE DCVA.



OFFICE

2" AND SMALLER DOUBLE INSTALLATION

CHECK VALVE ASSEMBI 03.04.01

b. New water mains shall be filled using an approved backflow prevention assembly. The water main shall be filled from the lower elevation end so that as the water main is filled, the chorine is contacted, dissolved and spread relatively uniform through the length of the new water main. The fill rate shall be minimized so that the velocity of the water is less than I ft/sec (see table above). Successful pressure test and pacteriological tests shall be completed and provided to the City prior to any new mater main connection

to the existing water system. c. The chlorinated water will be allowed to remain in contact with the new water main system for 24 to 72 hours. After 24 hours, water may be added to the water main for the purposes of pressure testing. The water in the main used for pressure testing must remain in the water main until pressure test is completed If necessary, liquid chlorine shall be injected into the water main with fill water to maintain a concentration in the water main above 50 mg/L. Under no circumstance shall super chlorinated water be allowed to sit within a new water main for more than 5 days.

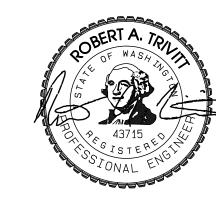
d. Pressure testing includes testing against new valves and hydrants. Each valve shall be tested by closing each in turn and reducing the pressure beyond the valve. The pressure on the back side of the valve should not be eliminated. Care must be taken that, during this process, positive pressure remains throughout the system being tested at all times. All hydrant foot valves shall be open during pressure testing so that the pressure test is against the hydrant valve. Pressure testing will not be allowed against any existing valves.

e. After successful pressure testing, the water main shall be thoroughly flushed to remove all super chlorinated water from the new water main. Flushing of new or extended water mains shall be conducted per WSDOT Specification 7-09.3(24)A with a minimum velocity developed within the pipe while flushing of 2.5 feet per second (fps). All flushed water shall be dechlorinated prior to disposal. The Contractor shall be responsible for disposal of all chlorinated water flushed from mains. The City shall approve the disposal method prior to implementation in the field. The Contractor shall utilize on—site disposal methods, if available. Disposal of flush water to the sanitary sewer system shall not be allowed without written permission from the Water Pollution Control Plant (WPCP) Supervisor. Any planned discharge to a stormwater system shall be dechlorinated to a concentration of 0.1 ppm or less, pH adjusted (if necessary) to be between 6.5 and 8.5, and volumetrically and velocity controlled to prevent any resuspension of sediments. The City will require independent testing throughout the water discharge process to ensure compliance of these standards are met.

f. Samples for bacteriological analysis shall be collected after flushing and again 24 hours after the first set of samples.

g. All closure/final connection fittings shall be sprayed clean and then swabbed with a five percent (5%) chlorine solution immediately prior to installation per AWWA Standard C651. Additional samples for bacteriological analysis shall be collected from the immediate vicinity of the new or replaced water main and analyzed after the final connections are made. If necessary, additional flushing shall be conducted and additional samples shall be collected until satisfactory results are obtained.

RECORD DRAWING CERTIFICATION THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/6/25



APPROVED CITY OF PUYALLU DATE:

DAYS FROM APPROVAL DATE.

ON THESE PLANS.

SERVICES MANAGER.

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS

FIELD CONDITIONS MAY DICTATE

DETERMINED BY THE ENGINEERING

CHANGES TO THESE PLANS AS

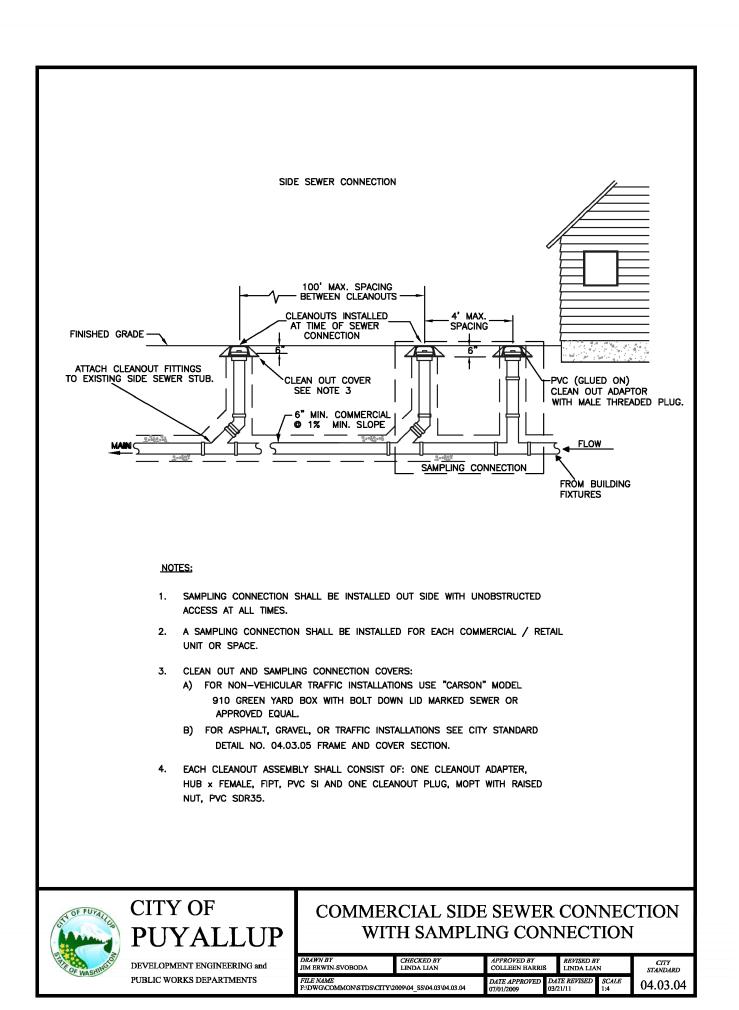
DEVELOPMENT SERVICES

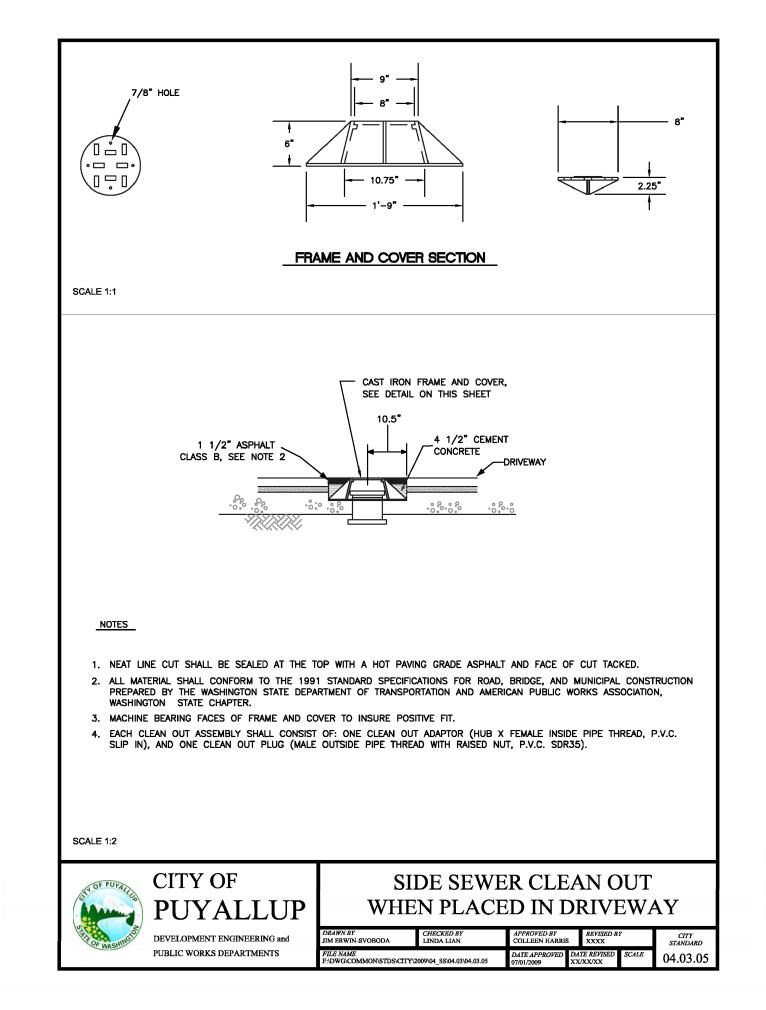
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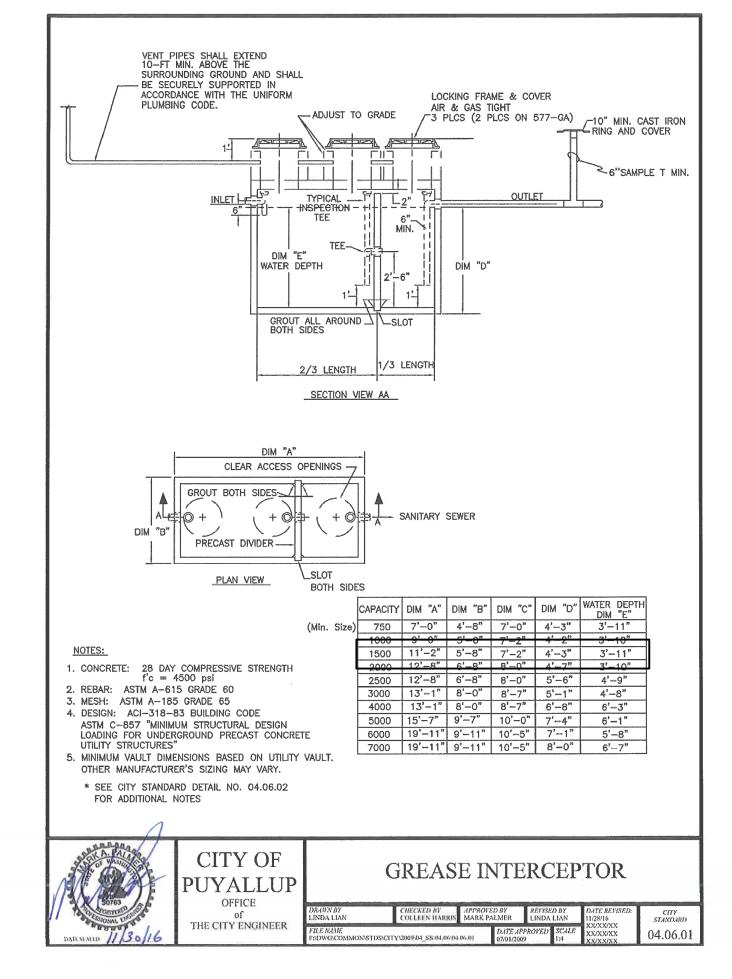
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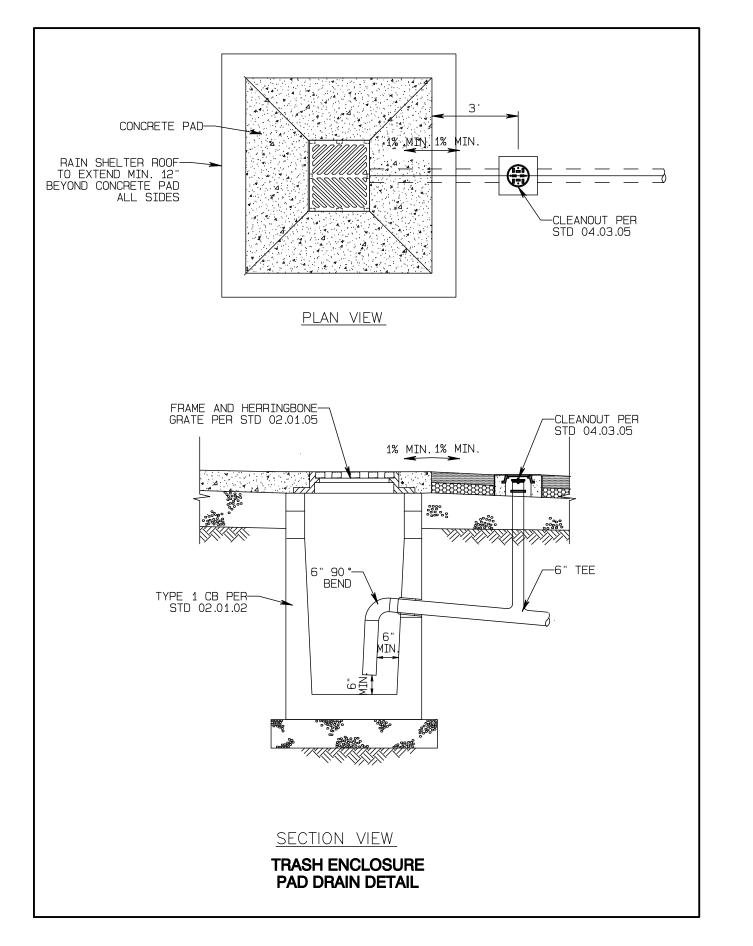
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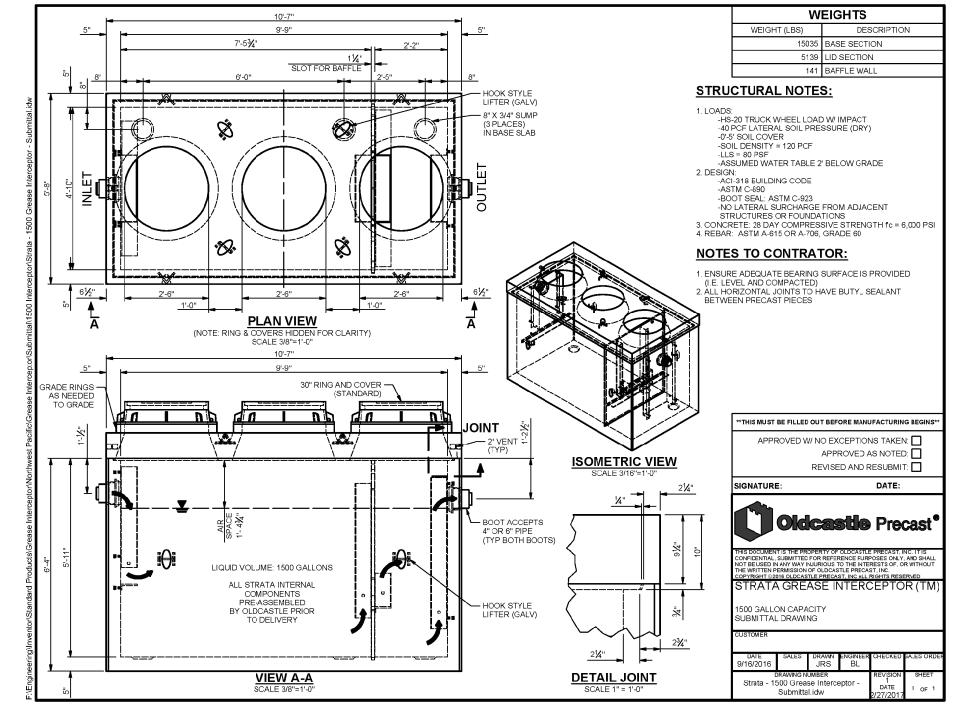
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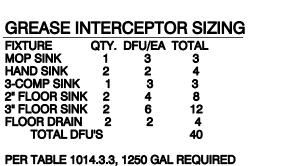






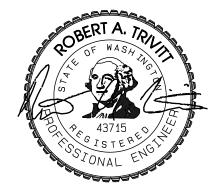






RECORD DRAWING CERTIFICATION THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS

AS OF THIS DATE: 6/6/25



### NOTES FOR GREASE INTERCEPTORS:

- THE PLANS & SPECIFICATIONS SHALL ILLUSTRATE PROPERTY BOUNDARIES, PIPING/DRAINAGE DETAILS AND CONNECTIONS TO THE SANITARY SEWER. DETAIL AND ELEVATION DRAWINGS OF THE GREASE INTERCEPTOR SHALL INCLUDE SIZING CALCULATIONS IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE CURRENTLY ADOPTED BY THE CITY OF PUYALLUP.
- VENTING OF THE INTERCEPTOR SHALL BE IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE CURRENTLY ADOPTED BY THE CITY OF PUYALLUP.
- EFFLUENT FROM GREASE INTERCEPTORS SHALL NOT EXCEED 100 mg/L FAT, OIL, AND/OR GREASE DISCHARGED TO THE DOWNSTREAM SANITARY SEWER SYSTEM.
- GREASE INTERCEPTORS INSTALLED IN PAVED AREAS SHALL COMPLY WITH H-20 LOADING CRITERIA.
- THE GREASE INTERCEPTOR SHALL BE INSTALLED AND CONNNECTED SUCH THAT IT SHALL BE EASILY ACCESSIBLE FOR INSPECTION, CLEANING, AND REMOVAL AT ALL TIMES. MANHOLE COVERS SHALL BE GAS TIGHT AND HAVE A MINIMUM OPENING OF 24-INCHES IN DIAMETER.
- NO SANITARY WASTEWATER SHALL BE CONVEYED TO THE SEPARATOR. A SEPARATE SIDE SEWER SHALL BE REQUIRED TO CARRY SANITARY WASTEWATER TO THE SEWER MAIN AND SHALL BE PLACED AS CLOSE TO THE SERVICE AREA AS PRACTICAL.
- PLUMBING/PIPING SHALL BE CONSTRUCTED TO ESTABLISH "PARALLEL FLOW" (90-DEGREES TO THE TANK BAFFLE) THROUGH THE GREASE INTERCEPTOR. NO RADIUS, BEND, OR ELBOW SHALL BE ALLOWED IN THE INLET PIPE UPSTREAM OF THE INTERCEPTOR FOR A MINIMUM OF 10-FEET, OR 20-PIPE DIAMETERS, WHICHEVER IS GREATER.
- ANY PUMP MECHANISM SHALL BE INSTALLED DOWNSTREAM OF THE INTERCEPTOR TO PREVENT FAT, OIL AND GREASE EMULSIFICATION. A "TEE" CONNECTION SHALL BE INSTALLED IN THE DISCHARGE PIPING TO PROVIDE FOR SAMPLE COLLECTION
- ALL GREASE INTERCEPTORS SHALL BE FILLED WITH CLEAN WATER BEFORE USE.
- 10. THE DESIGN ENGINEER SHALL PROVIDE ENGINEERING SERVICES STAFF WITH A LETTER OF INSPECTION CERTIFYING THAT THE INSTALLATION WAS PERFORMED IN ACCORDANCE WITH ALL REGULATIONS AND THE APPROVED PLAN.
- I. FINAL INSPECTION IS REQUIRED BY ENGINEERING SERVICES STAFF PRIOR TO CONNECTING TO THE
- 12. THE PROPERTY OWNER SHALL RETAIN OWNERSHIP OF THE GREASE INTERCEPTOR AND SIDE SEWER LINES AND SHALL BE RESPONSIBLE FOR THEIR OPERATION AND MAINTENANCE. A SERVICE/MAINTENANCE RECORD SHALL BE KEPT ON THE PREMISES AT ALL TIMES AND SHALL BE IMMEDIATELY AVAILABLE TO CITY OF PUYALLUP STAFF UPON REQUEST.
- THE PROPERTY OWNER SHALL REPORT IMMEDIATELY TO THE CITY'S INDUSTRIAL PRETREATMENT SPECIALIST ANY SPILL, SURCHARGE, BYPASS, OR MECHANICAL FAULT AND/OR FAILURE WHICH INTERRUPTS, OR OTHERWISE REDUCES THE CAPACITY OR REMOVAL EFFICIENCY OF THE GREASE INTERCEPTOR BY CALLING (253) 841-5523.



**PUYALLUF** 

GREASE INTERCEPTOR (NOTES)

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 service.

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 "City

4. A copy of these approved plans and applicable city developer specifications and details shall be on site during construction.

5. 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

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 immediately if a conflict exists.

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 within City right-of-way.

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 Industrial Safety and Health Act (WISHA). 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 durtile iron pipe shall be 1.0 foot ductile iron pipe shall be 1.0 foot.

11. Sanitary sewer manhole frames and covers shall conform to City Standard No. 06.01.02.

12. Sanitary sewer manholes shall conform to City Standard Nos. 04.01.01, 04.01.02, 04.01.03 and 04.01.04. All manholes shall be channeled for future lines as specified on these plans. Manhole steps and ladder shall conform to Standard

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 ring are accepted.

mains and side sewers shall be tested per Section 406 of the City Standards.

introduced to the City sanitary sewer system, a City approved grease interceptor shall be installed downstream from the source.

15. For commercial developments in which sources of grease and/or oils may be 16. Once sewer and all other utility construction is completed, all sanitary sewer

CITY OF PUYALLU DEVELOPMENT SERVICES

HIS APPROVAL IS VOID AFTER 18 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

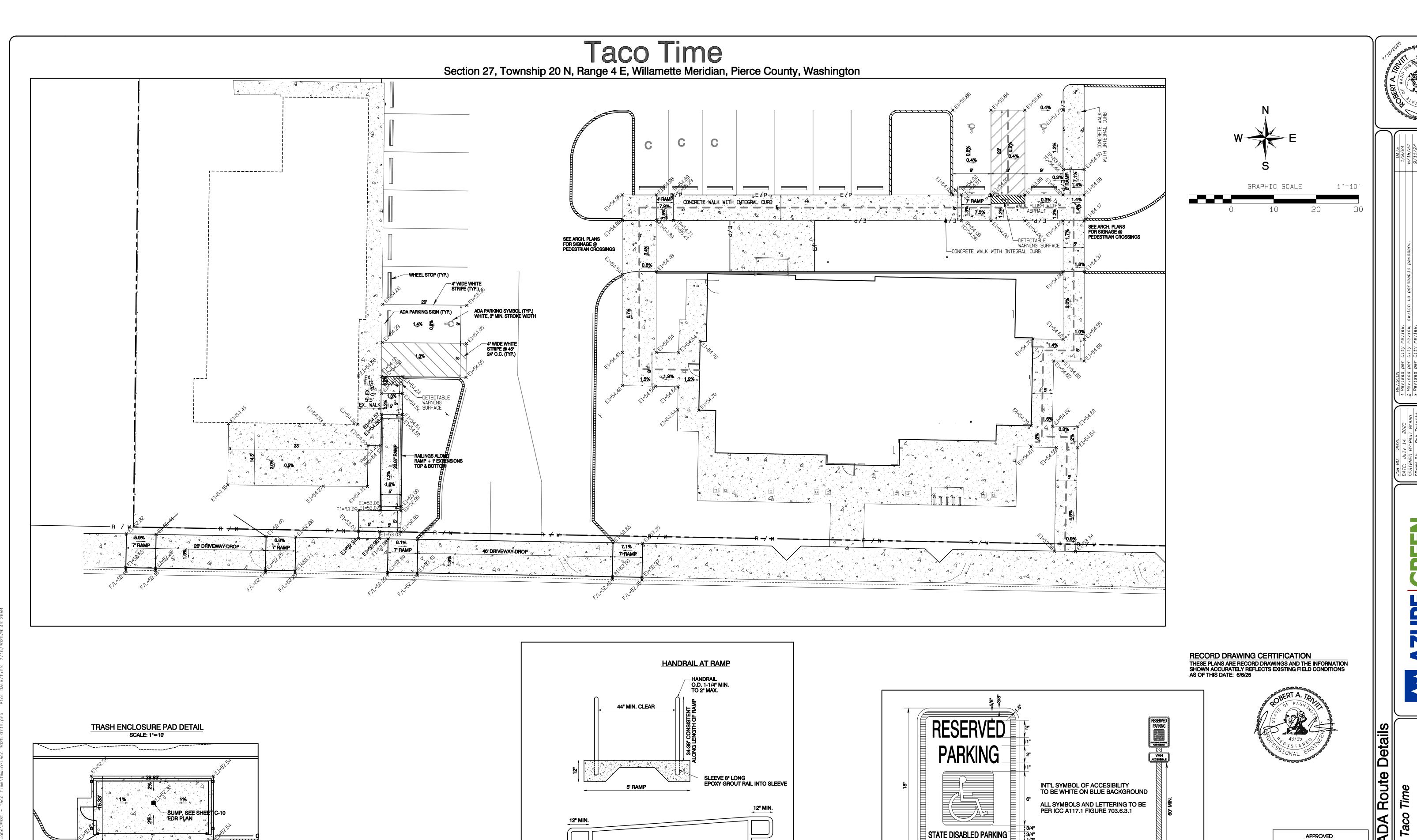
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

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DRAWING

SHEET



TOP AND BOTTOM HANDRAIL EXTENSIONS

RAILING DETAILS NOT-TO-SCALE

PERMIT REQUIRED

ACCESSIBLE

REQUIRED FOR VAN STALLS ONLY

**DISABLED PARKING SIGN DETAIL** 

NOT TO SCALE

**DRAWING** SHEET OF

APPROVED

CITY OF PUYALLUP DEVELOPMENT SERVICES

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 ENGINEERING SERVICES MANAGER.

NOTE: