

Taco Time

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

PROJECT DESCRIPTION
CONSTRUCTION OF NEW RESTAURANT BUILDING, EXPANSION
OF EXISTING PARKING LOT WITH ASSOCIATED CIVIL IMPROVEMENTS.

SITE ADDRESS:
1116 E MAIN

PARCEL NUMBERS
7845100032, 042027-1-171 & -172

ZONING
CG

ENGINEER/SURVEYOR
AZURE GREEN CONSULTANTS
409 EAST PIONEER
PUYALLUP, WA 98057
PHONE: 253.770.3144

OWNER:
Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3633
rtonkin@tacotimenw.com

APPLICANT
Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3633
rtonkin@tacotimenw.com

DATUM
NAVD83

BENCHMARK
BM 2403 SW-5-16, EL. = 30.50 NGVD29
CONVERTED TO NAVD83 +3.49 PER VERTCON
CONVERTED ELEVATION = 33.99'

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
83002C022E EFFECTIVE MARCH 7, 2017.
100-YEAR FLOOD ELEVATION = 26.7 (NGVD29) = 30.2 (NAVD83)

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 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").
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 the 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 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 (800)407-6300.
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 responsible 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 advance from the Department of Natural Resources. The developer must pay the cost of repairing or replacing the survey monument and is responsible for all contractors working for them. Reference WAC 332-120.

IMPERVIOUS AREAS

Developed	POC 1 Area (sf)	POC 2 Area (sf)
Onsite		
New Roof	648	3941
New Paving	15758	1956
New Walk	720	2713
Offsite		
Replaced Driveway	0	859
Total New + Replaced Imp.	15126	9479
Total New + Replaced PGH5	15758	2825

LEGEND

EXISTING	PROPOSED	
— S — S — S —	— S — S — S —	SANITARY SEWER LINE & MH
— SD —	— SD —	STORM LINE & TYPE 1 CB
— W — W — W —	— W — W — W —	TYPE 2 CB/SDMH
— G — G — G —	— G — G — G —	WATER LINE
— R / W —	— R / W —	FIRE HYDRANT
— E / P —	— E / P —	GAS LINE
—	—	RIGHT-OF-WAY LINE
—	—	STREETLIGHT
—	—	POWER POLE W/GUY ANCHOR
—	—	PROPERTY LINE
—	—	EDGE OF ASPHALT

SHEET INDEX

- C-1 Cover Sheet
- C-2 Horizontal Control/Channelization Plan & Dispersion Area Exhibit
- C-3 Existing Conditions & Demolition Plan
- C-4 TESC Plan
- C-5 TESC Notes & Details
- C-6 Grading Plan
- C-7 Site Plan
- C-8 Storm Plan
- C-9 Cross-Sections & Storm Profiles
- C-10 SS & Water Plan
- C-11 Details
- C-12 Storm Details
- C-13 Storm & Water Details
- C-14 Water Details
- C-15 SS Details
- C-16 Grading/ADA Route Details

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



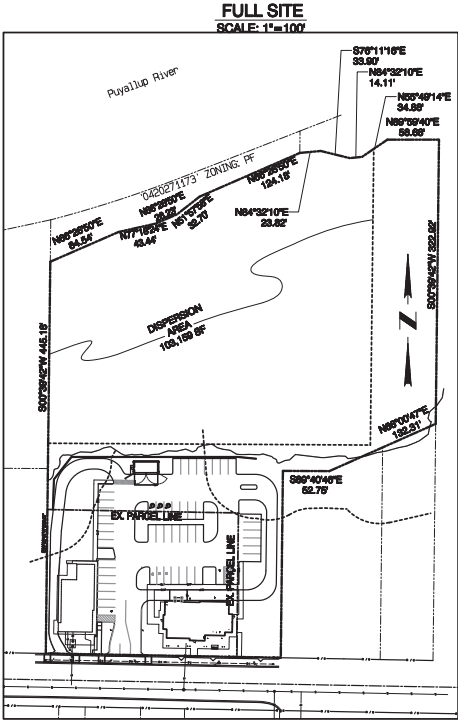
REVISION	DATE	BY	DESCRIPTION
1	1/9/24	PAUL GREEN	DESIGNED BY PAUL GREEN
2	6/19/24	PAUL GREEN	DESIGNED BY PAUL GREEN
3	6/11/24	PAUL GREEN	DESIGNED BY PAUL GREEN
4	10/31/24	PAUL GREEN	DESIGNED BY PAUL GREEN
5	12/13/24	PAUL GREEN	DESIGNED BY PAUL GREEN
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7	12/13/24	PAUL GREEN	DESIGNED BY PAUL GREEN
8	12/13/24	PAUL GREEN	DESIGNED BY PAUL GREEN
9	12/13/24	PAUL GREEN	DESIGNED BY PAUL GREEN
10	12/13/24	PAUL GREEN	DESIGNED BY PAUL GREEN

DESIGNED BY	CHECKED BY	APPROVED BY
PAUL GREEN	PAUL GREEN	PAUL GREEN

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+ feasibility + planning + engineering + surveying
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Fax rtonkin@tacotimenw.com

DRAWING
C-1
SHEET 1 OF 16



EARTH WORK QUANTITIES
AREA WITHIN GRADING LIMITS = 0.9 ACRE
EXCAVATION (CUT) : 105 CY
EMBANKMENT (FILL) : 1,889 CY

THESE QUANTITIES ARE FOR THE ESTABLISHMENT OF CLEARING AND GRADING PERMIT ONLY AND SHALL NOT BE CONSTRUED TO INDICATE A BALANCED SITE.

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

ADDITIONAL EXCAVATION REQUIRED FOR INFILTRATION SYSTEMS: 119 CY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HIS OWN QUANTITIES FOR BIDDING PURPOSES AND SHALL NOT HOLD THE ENGINEER OR OWNER/DEVELOPER RESPONSIBLE FOR ANY ERRORS IN HIS BID QUANTITIES FOR EXCAVATION.

APPROVED
BY: [Signature]
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024

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.



SITE ADDRESS:
1116 E MAIN

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

LEGAL DESCRIPTION
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. 200308226004, RECORDS OF PIERCE COUNTY AUDITOR.

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

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

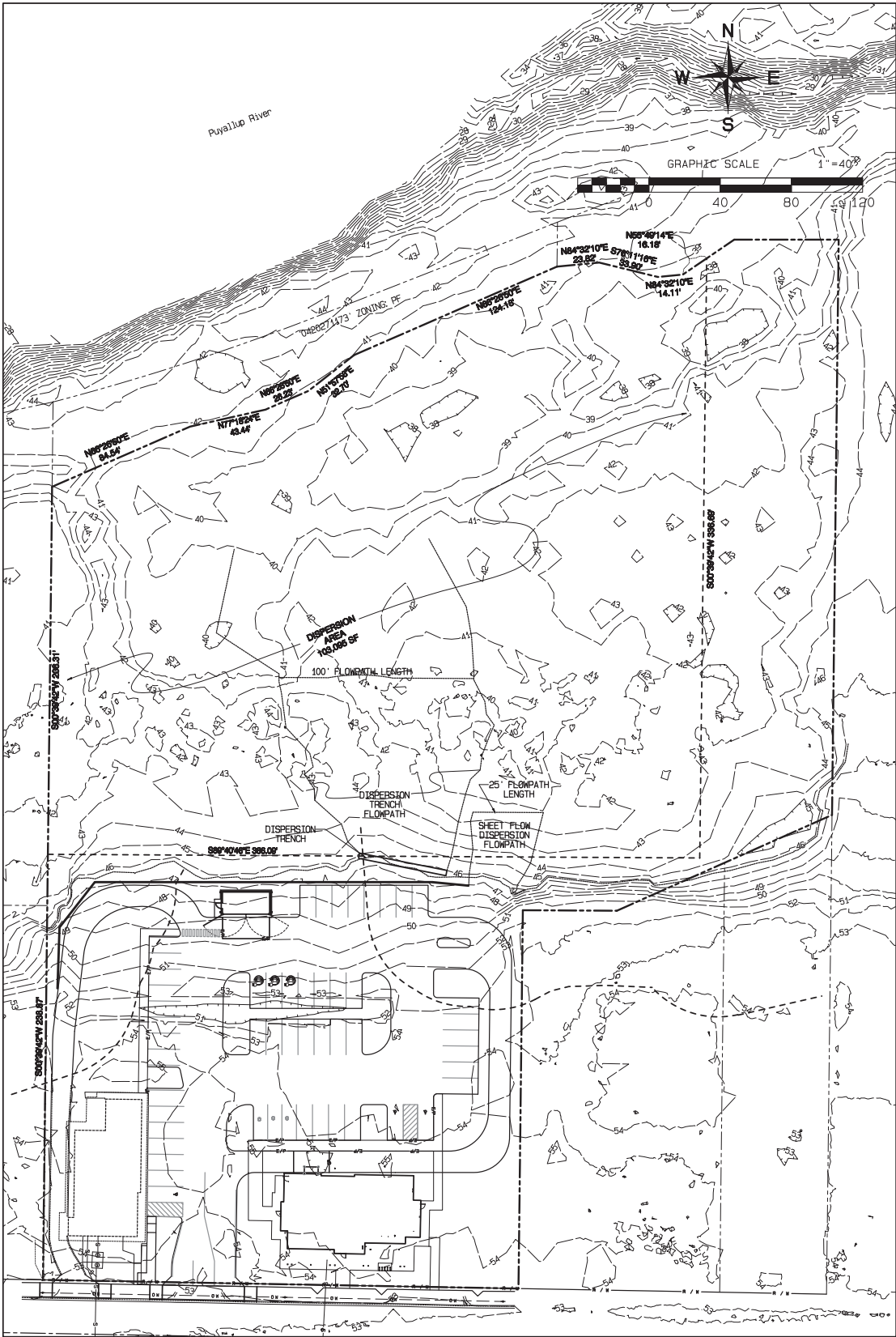
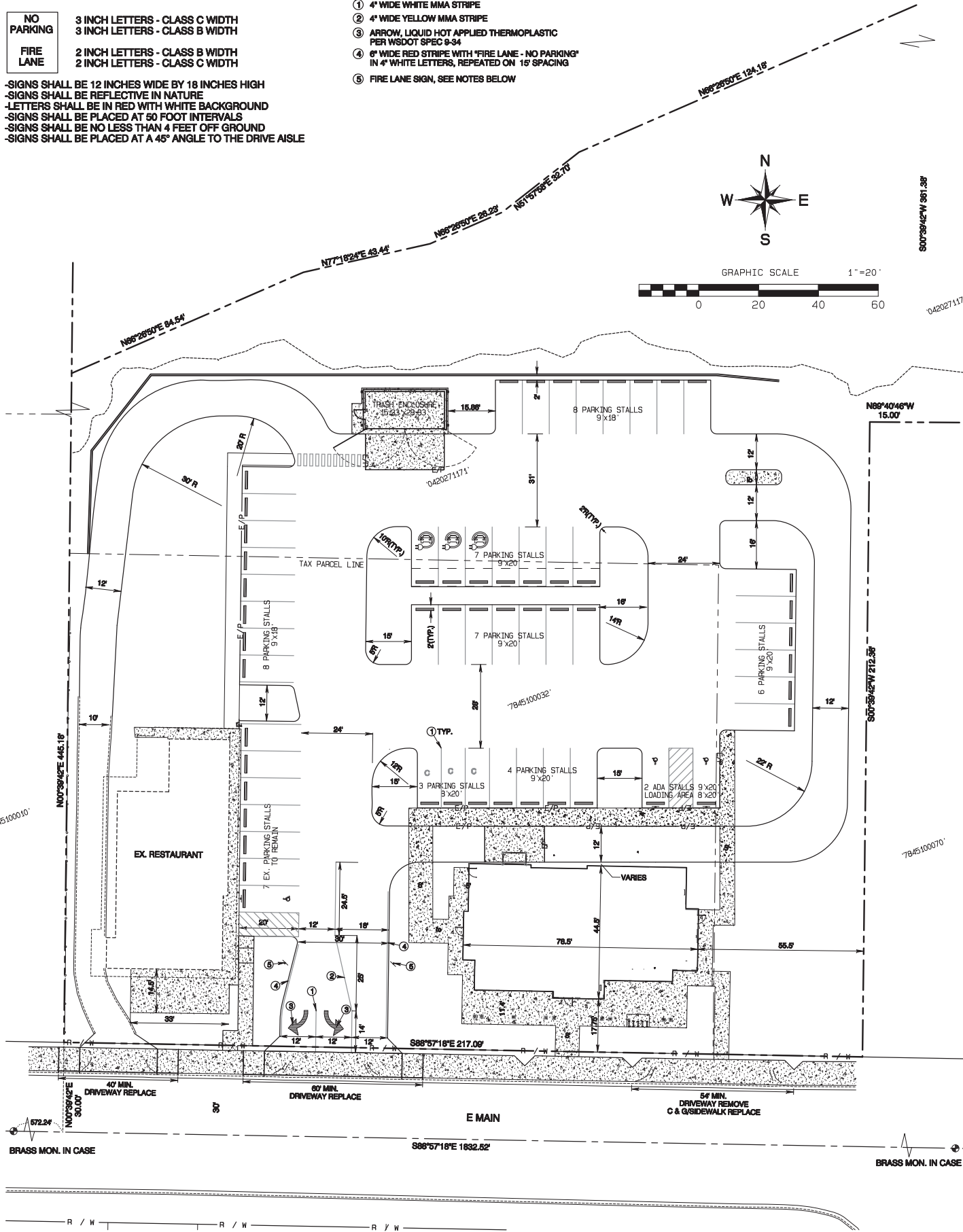
Taco Time
Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington

FIRE LANE SIGNS

- NO PARKING
FIRE LANE
- 3 INCH LETTERS - CLASS C WIDTH
3 INCH LETTERS - CLASS B WIDTH
- 2 INCH LETTERS - CLASS B WIDTH
2 INCH LETTERS - CLASS C WIDTH
- SIGNS SHALL BE 12 INCHES WIDE BY 18 INCHES HIGH
-SIGNS SHALL BE REFLECTIVE IN NATURE
-LETTERS SHALL BE IN RED WITH WHITE BACKGROUND
-SIGNS SHALL BE PLACED AT 50 FOOT INTERVALS
-SIGNS SHALL BE NO LESS THAN 4 FEET OFF GROUND
-SIGNS SHALL BE PLACED AT A 45° ANGLE TO THE DRIVE AISLE

CHANNELIZATION CALLOUTS

- ① 4" WIDE WHITE MMA STRIPE
② 4" WIDE YELLOW MMA STRIPE
③ ARROW, LIQUID HOT APPLIED THERMOPLASTIC PER WSDOT SPEC 8-34
④ 6" WIDE RED STRIPE WITH "FIRE LANE - NO PARKING" IN 4" WHITE LETTERS, REPEATED ON 15' SPACING
⑤ FIRE LANE SIGN, SEE NOTES BELOW



APPROVED
BY: [Signature]
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024

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Horizontal Control/Channelization Plan & Dispersion Area Exhibit



DATE	REVISION
1/9/24	1. Revised per City Review.
6/19/24	2. Revised per City Review. Switch to permeable pavement.
9/11/24	3. Revised per City Review.
10/31/24	4. Revised to full dispersion.
	5. Revised to full dispersion.
	6. Revised to full dispersion.
	7. Revised to full dispersion.
	8. Revised to full dispersion.

DESIGN NO. 2505	DESIGNED BY: PAUL GREEN
DRAWN BY: ROD TRIVITT	CHECKED BY: JIM JOH
APPROVED BY: PAUL GREEN	

AzureGreen
CONSULTANTS
+ feasibility + planning + engineering + surveying
400 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3143

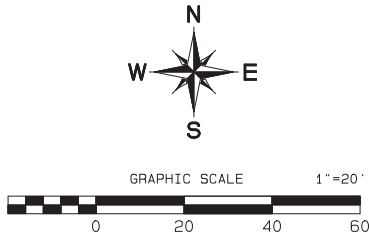
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3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3633
Fax tmonk@tacovertime.com

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

LEGEND		
	F M	EX. 24" FORCE MAIN
	S	EX. SEWER LINE
	SD	EX. STORM LINE
	CB	EX. CB
	W	EX. WATER LINE
	GH	EX. FIRE HYDRANT
	G	EX. GAS LINE
	R / W	EX. RIGHT-OF-WAY LINE
		EX. EXTRUDED CURB
		EX. CURB & GUTTER
		EX. PLAIN EDGE OF ASPHALT
		EX. POWER BOXES
		EX. POWER POLE WITH GUY ANCHOR
		EX. PHONE LINE
		EX. U.G. POWER LINE
		GRADING LIMITS
		SILTY FENCE
		CONSTRUCTION FENCE
		EX. PARKING LOT LIGHT
		EX. TREE TO REMAIN-NUMBERED PER TABLE TO RIGHT
		EX. TREE TO REMOVE-NUMBERED PER TABLE TO RIGHT
		EX. STREET TREE TO REMAIN

EX. TREE TABLE		
NO.	SPECIES	DBH
1	DOUG-FIR	32"
REMOVE		
2	FREEMAN MAPLE	17
3	FREEMAN MAPLE	18
4	FREEMAN MAPLE	17
5	FREEMAN MAPLE	17
6	FREEMAN MAPLE	16
7	FREEMAN MAPLE	15
8	FREEMAN MAPLE	22
9	BLACK LOCUST	15

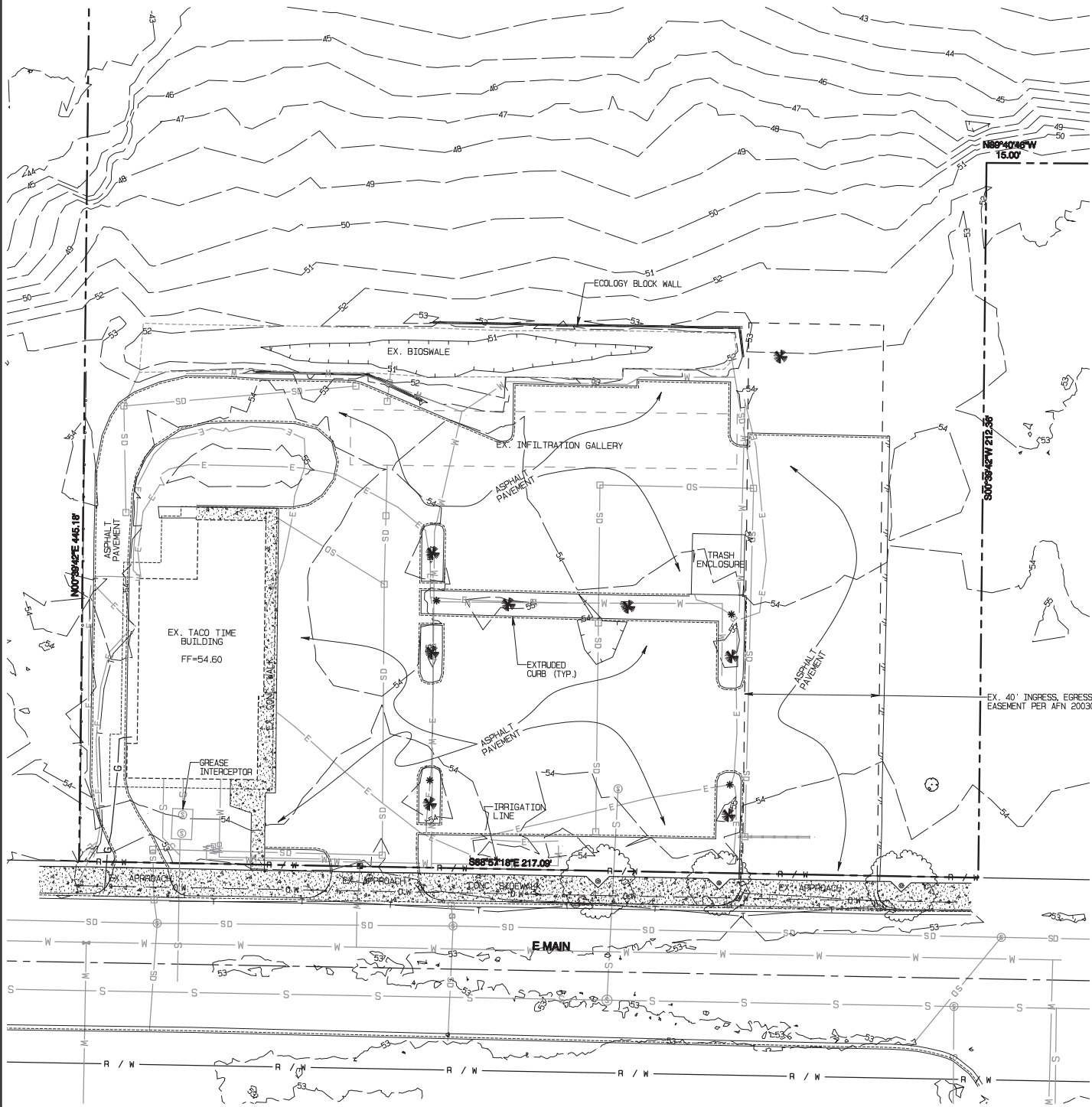


DEMO KEY NOTES

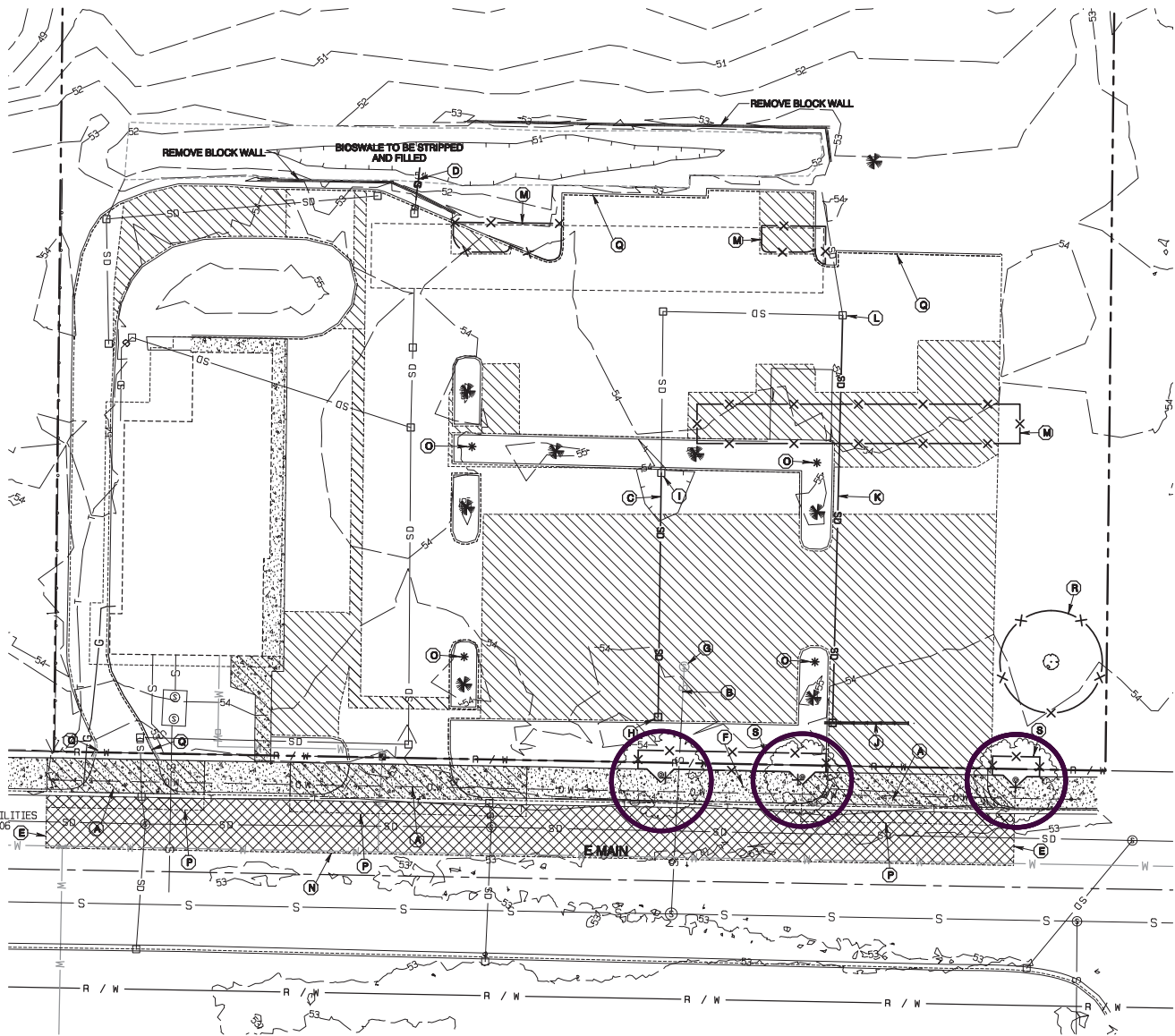
- REMOVE DRIVEWAY APPROACH. EXTEND REMOVAL TO FULL SIDEWALK PANEL BOTH ENDS
- REMOVE APPROX. 10LF OF 8" CB
- REMOVE 62LF OF STORM PIPE
- REMOVE 8LF OF STORM PIPE
- SAWCUT 2' DEPTH FOR GRIND
- REMOVE AND REPLACE FULL SIDEWALK PANEL(S) AS NEEDED FOR WATER SERVICE
- REMOVE 8" MANHOLE
- REMOVE CB
- PLUG OPENING ON SOUTH SIDE OF CB
- REMOVE TRENCH DRAIN
- REMOVE 104LF OF STORM PIPE
- PLUG OPENING ON SOUTH SIDE OF CB
- INSTALL ORANGE CONSTRUCTION FENCING AROUND EXISTING AND PROPOSED INFILTRATION TRENCHES TO LIMIT CONSTRUCTION VEHICLE ACCESS
- 2' SAWCUT ON TWLTL LINE FOR GRIND
- EX. LIGHT TO BE REMOVED
- SAWCUT & REMOVE PAVEMENT PER CITY STD 01.02.10, SHEET C-13
- REMOVE EXTRUDED CURB
- INSTALL ORANGE CONSTRUCTION FENCING, 12' RAD. AROUND EXISTING FR TREE. NO DISTURBANCE IN THIS AREA.
- INSTALL ORANGE CONSTRUCTION FENCING, 12' RAD. AROUND EXISTING FR TREE. NO DISTURBANCE IN THIS AREA.

- =SAWCUT AND REMOVE PAVEMENT OR SIDEWALK
- =SAWCUT AND 2" GRIND FOR PAVEMENT OVERLAY

EXISTING CONDITIONS



DEMO PLAN



APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024

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

Existing Conditions & Demolition Plan



REVISION	DATE	BY	CHKD
1	12/13/24	Paul Green	
2	12/13/24	Paul Green	
3	12/13/24	Paul Green	
4	12/13/24	Paul Green	
5	12/13/24	Paul Green	
6	12/13/24	Paul Green	
7	12/13/24	Paul Green	
8	12/13/24	Paul Green	
9	12/13/24	Paul Green	
10	12/13/24	Paul Green	

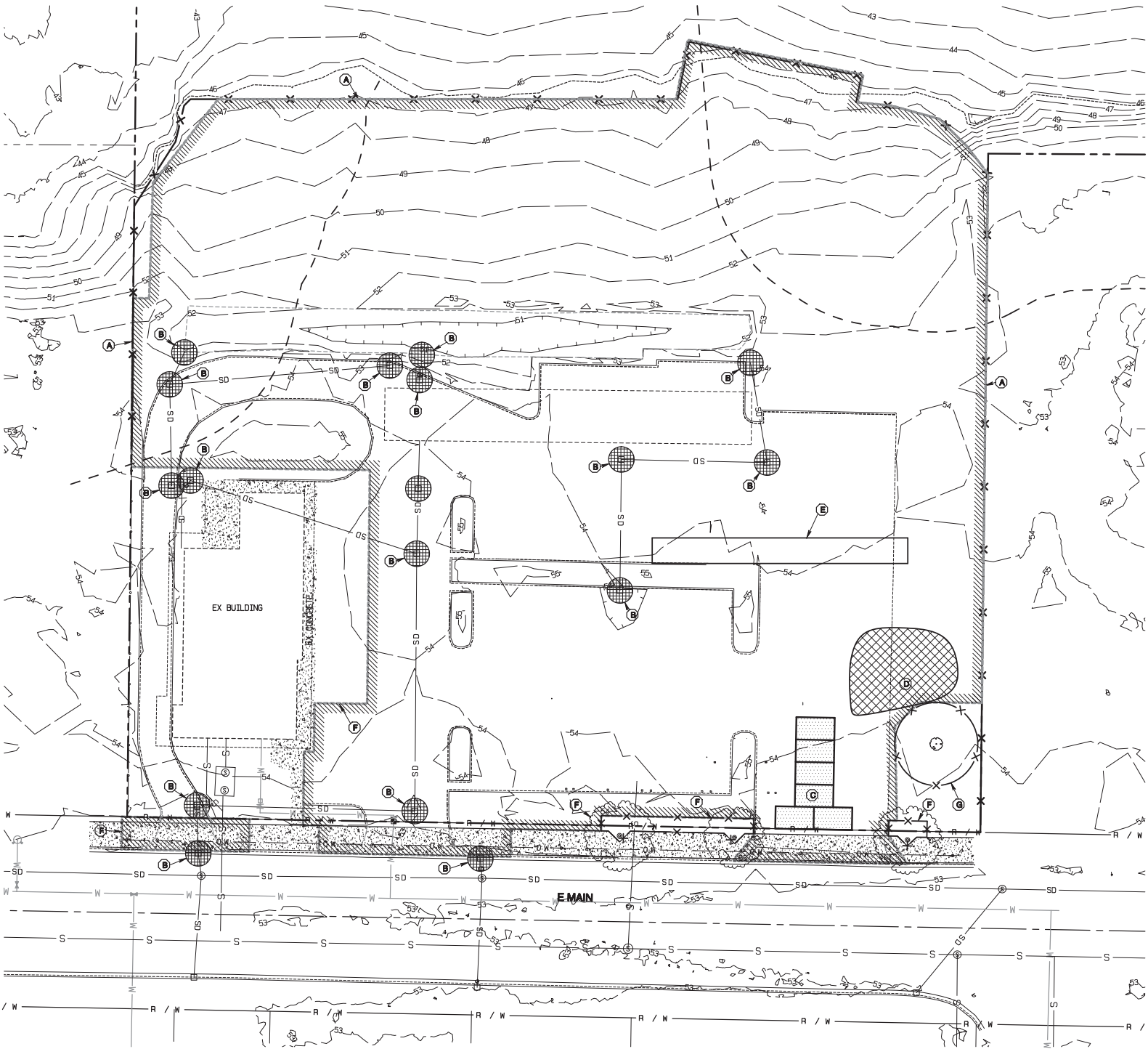
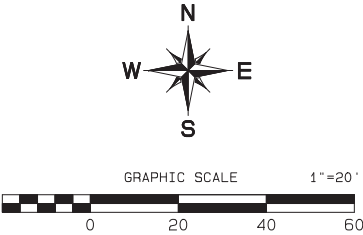
DESIGNED BY: Paul Green	DATE: 12/13/24
DRAWN BY: Rod Trivitt	DATE: 12/13/24
CHECKED BY: Jim Job	DATE: 12/13/24
APPROVED BY: Paul Green	DATE: 12/13/24

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CONSULTANTS
+ feasibility + planning + engineering + surveying
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Fax 206.255.3633
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DRAWING
C-3
SHEET 3
OF 16

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



ESC KEY NOTES

- (A) INSTALL SILT FENCE PER STD 02.08.02, SHEET C-5
- (B) INSTALL BAG FILTER
SEE DETAIL SHEET C-5
- (C) INSTALL TRACKOUT CONTROL MAT - FODS OR APPROVED EQUAL
AT EXISTING APPROACH. SEE DETAIL SHEET C-5
- (D) STOCKPILE AREA
- (E) 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. 8' BEYOND EX. STREET TREES. NO DISTURBANCE IN THIS AREA.
- (G) INSTALL ORANGE CONSTRUCTION FENCING, 15' RAD.
AROUND EXISTING FIR TREE. NO DISTURBANCE IN THIS AREA.

---CLEARING LIMITS/PROJECT LIMITS

APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024
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SERVICES MANAGER.

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REVISION	DATE
1. Revised per City Review.	1/9/24
2. Revised per City Review. Switch to permeable pavement.	6/19/24
3. Revised per City Review.	9/11/24
4. Revised to full description.	10/31/24
5. Add to the project. City Type 2. Update info. Details. C-5-C-8-2. 6-13.	12/9/24
6	
7	
8	
9	
10	

DESIGN NO. 2505	2023
DESIGNED BY: PAUL GREEN	
DRAWN BY: ROD TRIVITT	
CHECKED BY: JIM JOH	
APPROVED BY: PAUL GREEN	

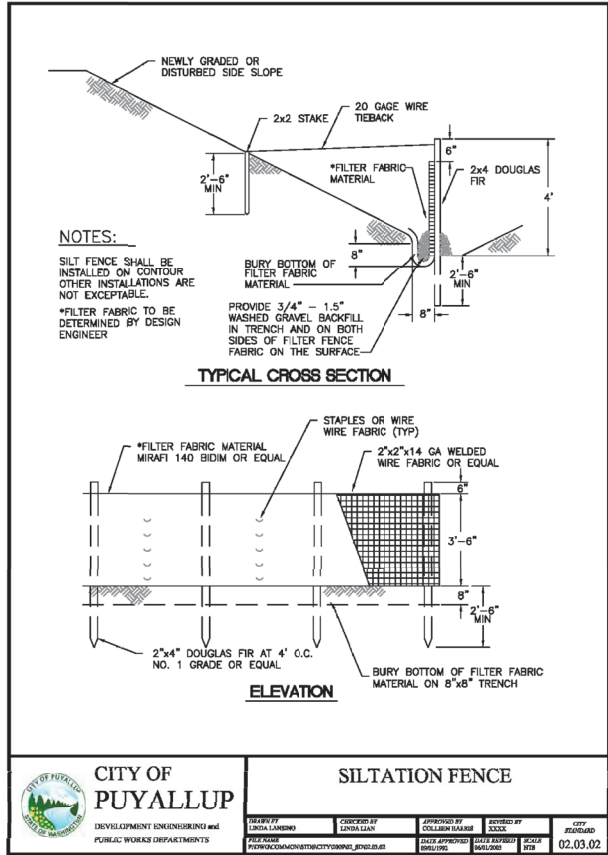
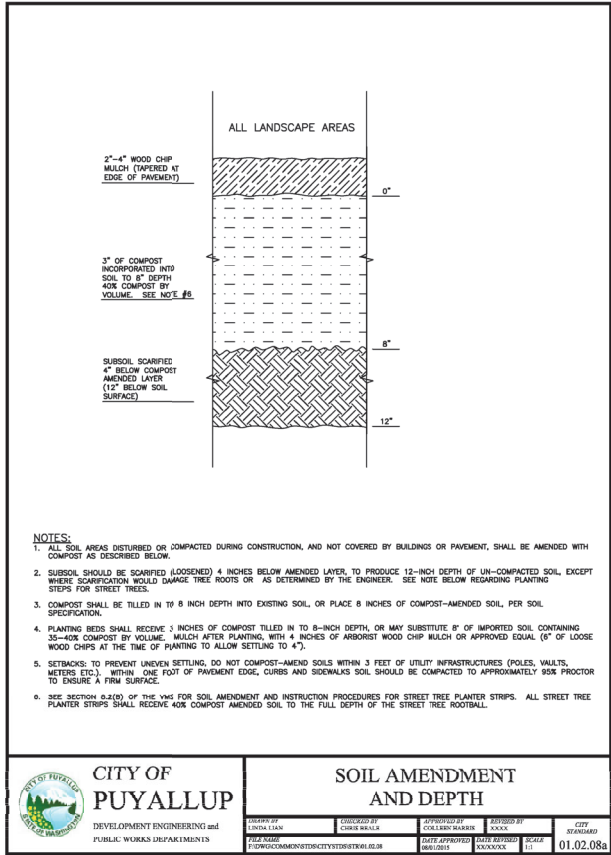
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Fax rtrivitt@tacovertime.com

DRAWING
C-4
SHEET 4
OF 16

Taco Time

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



GRADING, EROSION & SEDIMENTATION CONTROL NOTES:

- All work in City right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the engineering plans, representatives from all applicable Utility Companies, the project owner and appropriate City staff. Contact Engineering Services to schedule the meeting (253) 841-5568. The contractor is responsible to have their own approved set of plans at the meeting.
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- Any revisions made to these plans must be reviewed and approved by the developer's engineer and the city engineer 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.
- 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 sedimentation systems shall be the responsibility of the permittee.
- 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 drainage systems.
- 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.
- 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 treatment approved by the City.
- 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.
- 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.

TEMPORARY ESC MEASURES REQUIRED

- Temporary Siltation Fencing.
- Vegetation and Stabilization of exposed surfaces
- Catch Basin Inlet Protection
- Additional 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

SPECIAL NOTES:

- Contractor shall designate an erosion and sediment control leadperson, and shall comply with the stormwater pollution prevention plan prepared for the project.
- Sediment-laden runoff shall not be allowed to discharge beyond the construction limits.
- Exposed areas and soil stockpiles must be stabilized according to the following schedule:
 - 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.
 - 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.
- 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 Puyallup Municipal Code.
- If dewatering of excavations is required, dewatering must conform to the requirements of Section 504 of Puyallup City Standards.

MULCHING NOTES

- 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.
- Mulches shall be applied in all areas with exposed slopes greater than 2:1.
- Mulching shall be used immediately after seeding or in areas which cannot be seeded because of the season.
- 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 Ryegrass (98% purity, 90% germination); 40% Chewink 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 protect the root structure.
- For seed beds planted between October 31 and April 30, amending of the seed bed will be necessary. (e.g., geotextiles, jute mat, clear plastic covering).
- 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 to the slope.
- Fertilizers are to be used according to suppliers recommendations. Amounts used should be minimized, especially adjacent to water bodies and wetlands.
- 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:

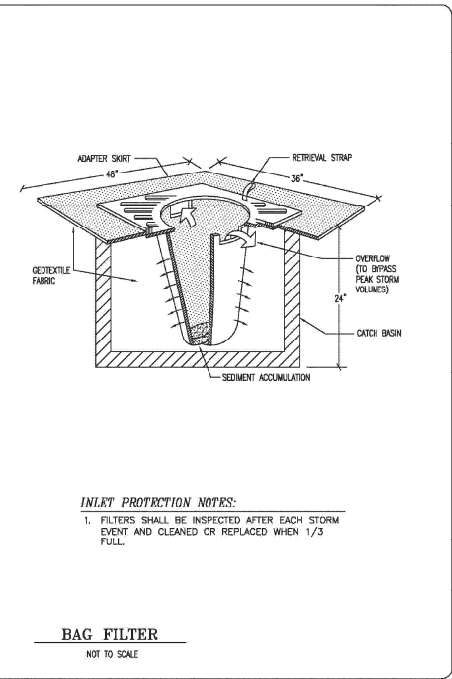
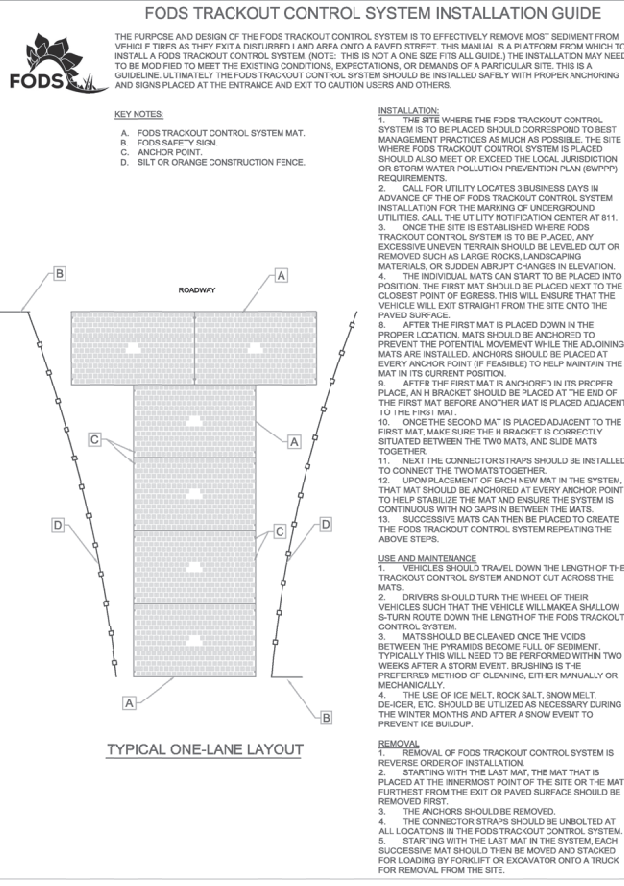
- Stockpiles shall be stabilized (with plastic covering or other approved device) daily between November 1 and March 31.
- In any season, sediment leaching from stock piles must be prevented.
- Topsoil shall not be placed while in a frozen or muddy condition, when the subgrade is excessively wet, or when conditions exist that may otherwise be detrimental to proper grading or proposed sodding or seeding.
- Previously established grades on the areas to be topsoiled shall be maintained according to the approved plan.
- Stockpiles must be located more than 50 feet from all drainage features.

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 40-foot grid spacing in all directions. All seams shall be taped or weighted down full length and there shall be a least a 12 inch overlap of all seams.
- Clear plastic covering shall be installed immediately on areas seeded between November 1 and March 31 and remain until vegetation is firmly established.
- 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.
- Proper maintenance includes regular checks for rips and dislodged ends.

CONSTRUCTION SEQUENCE

- OBTAIN REQUIRED PERMITS AND HOLD A PRECONSTRUCTION MEETING WITH THE CITY.
- ESTABLISH CLEARING AND GRADING LIMITS.
- INSTALL SILT FENCE, IF REQUIRED.
- INSTALL OR 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 LEAVING SITE.
- CLEAR AND REMOVE ORGANIC MATERIAL. PREP SUBGRADE FOR FOUNDATION AND PARKING LOT CONSTRUCTION.
- INSTALL DISPERSTION TRENCH AND DI STORM LINE PAST WALL LOCATION.
- MASS GRADE SITE AND CONSTRUCT RETAINING WALL.
- INSTALL INFILTRATION TRENCH.
- INSTALL STORM AND SEWER & WATER SERVICES.
- INSTALL BUILDING FOUNDATION.
- INSTALL OTHER UTILITIES.
- INSTALL TREATMENT SAND AND RESERVOIR COURSE.
- PAVE PARKING LOT.
- BRING UTILITIES TO FINAL GRADE.
- VEGETATE EXPOSED AREAS AND STABILIZE STOCKPILES AS SOON AS PRACTICAL AND AS NEEDED TO PREVENT EROSION.
- HYDROSEED AND/OR INSTALL PERMANENT LANDSCAPING TO PROVIDE PERMANENT EROSION CONTROL.
- REMOVE TEMPORARY EROSION CONTROL MEASURES WHEN SITE IS STABLE.



REVISION	DATE	BY	FOR
1	1/9/08	PAUL GREEN	DESIGNED BY: PAUL GREEN
2	6/4/08	PAUL GREEN	DESIGNED BY: PAUL GREEN
3	9/11/24	PAUL GREEN	DESIGNED BY: PAUL GREEN
4	10/31/24	PAUL GREEN	DESIGNED BY: PAUL GREEN

DESIGNED BY	DATE	BY	FOR
PAUL GREEN	01/02/08	PAUL GREEN	DESIGNED BY: PAUL GREEN
PAUL GREEN	01/02/08	PAUL GREEN	DESIGNED BY: PAUL GREEN
PAUL GREEN	01/02/08	PAUL GREEN	DESIGNED BY: PAUL GREEN
PAUL GREEN	01/02/08	PAUL GREEN	DESIGNED BY: PAUL GREEN

BLUE PLANET CONSULTANTS

409 East Pioneer Suite A - Puyallup, WA 98072
phone: 253.770.3144 fax: 253.770.3143

CONSULTANTS

• feasibility • planning • engineering • surveying

Taco Time

Taco Time NW
3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3653
Fax tmonk@tacoenginr.com

TESC Notes & Details

APPROVED

BY: *John Smith*
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: 12/13/2024

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.

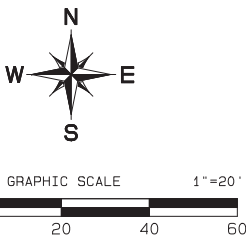
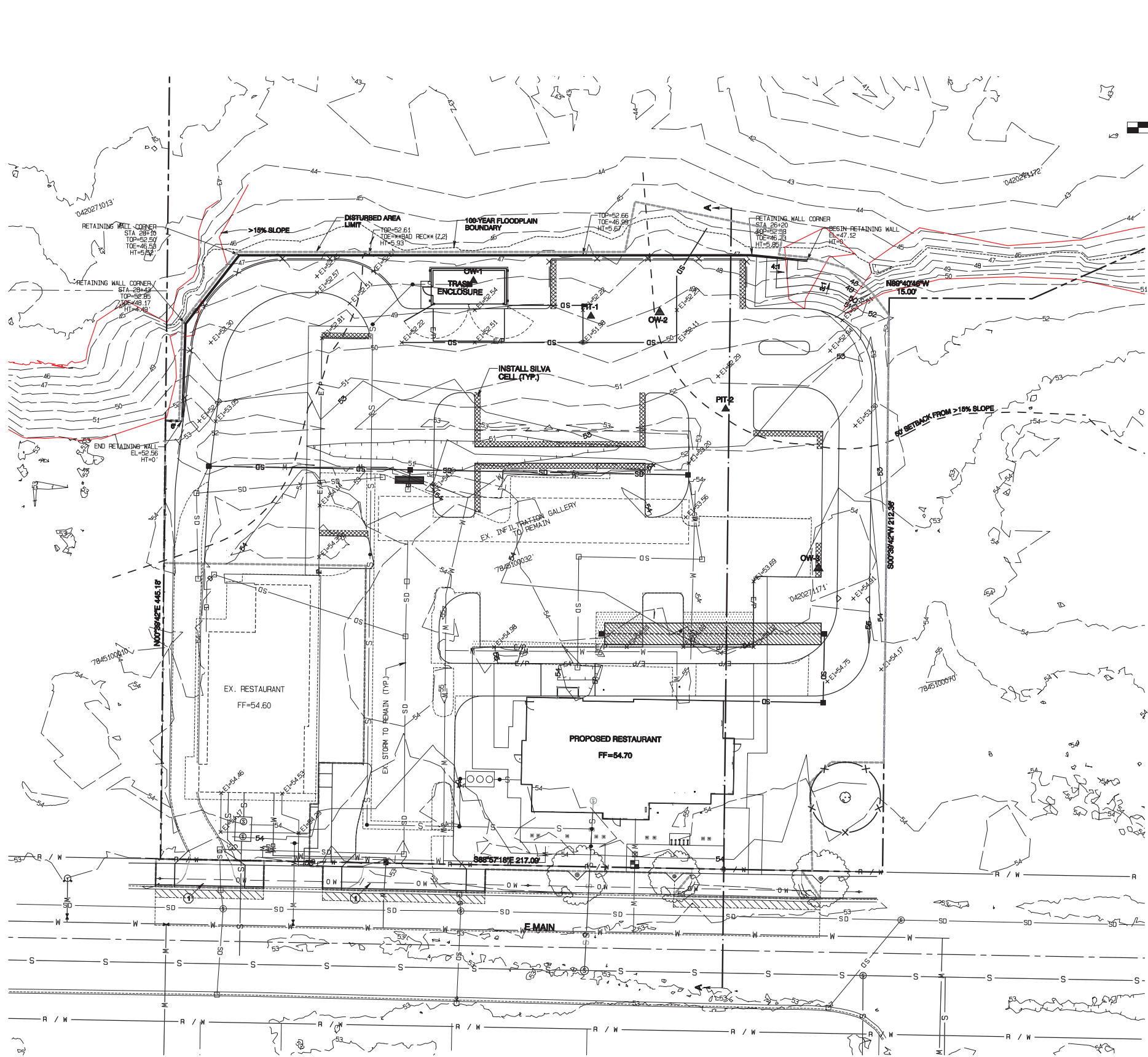
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

DRAWING

C-5

SHEET 5
OF 16

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



- FILL NOTES:**
- UNLESS OTHERWISE SHOWN ON DETAILS WITHIN THESE PLANS, ALL FILL PLACED UNDER PROPOSED BUILDINGS OR PAVED AREAS WILL BE CONSIDERED STRUCTURAL FILL.
 - SUITABILITY OF ONSITE MATERIAL AS STRUCTURAL FILL SHALL BE DETERMINED BY AN ONSITE GEOTECHNICAL ENGINEER. PLACEMENT, LIFTS, AND COMPACTION REQUIREMENTS SHALL BE AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
 - ANY IMPORTED MATERIAL FOR STRUCTURAL FILL SHALL MEET REQUIREMENTS OF WSDOT SPECIFICATION 9-03.14(1) OR 9-03.9(1). INSTALLATION SHALL BE PER WSDOT SPECIFICATION 4-04, UNLESS OTHERWISE DIRECTED BY GEOTECHNICAL ENGINEER.
 - PRIOR TO PLACEMENT OF ANY FILL FOR THIS PROJECT, VEGETATION SHALL BE STRIPPED.

- CUT/FILL NOTES:**
- TYPICAL MAXIMUM CUT AND FILL SLOPES ARE 2:1.
 - TEMPORARY CUT SLOPES LESS THAN 4 FEET TALL MAY BE STEEPER THAN 2:1.
 - ANY CUT SLOPE, INCLUDING TRENCHING, 4 FEET OR DEEPER, STEEPER THAN 4:1 SHALL REQUIRE SHORING/CRIBBING.

SEE SHEET C-16 FOR GRADING/
ADA ROUTE DETAILS

APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024
NOTE:
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CALL BEFORE YOU DIG
IT IS THE LAW
CALL 811
OR
800-424-5555



DATE	REVISION
1/9/24	1 Revised per City Review.
6/19/24	2 Revised per City Review.
9/11/24	3 Revised per City Review.
10/31/24	4 Revised to full description.

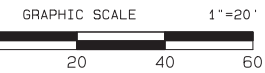
DESIGN NO. 2535
DATE 12/13/24
DESIGNED BY: PAUL GREEN
DRAWN BY: ROD TRIVITT
CHECKED BY: JIM JOE
APPROVED BY: PAUL GREEN

AZURE GREEN
CONSULTANTS
+ feasibility + planning + engineering + surveying
409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3143

Grading Plan
Taco Time
Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3653
Fax 206.255.3653
Email: ronking@tacobtime.com

DRAWING
C-6
SHEET 6
OF 16


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



- ① CONSTRUCT DRIVEWAY APPROACH PER STD 01.02.18, SHEET C-11
- ② 2" HMA OVERLAY
- ③ REPLACE SIDEWALK, MIN. 1 FULL PANEL.
SEE STD 01.02.01, SHEET C-11 (TYP)
- ④ ONSITE CONCRETE WALK, 4" THICK
REFERENCE STD 01.02.01, SHEET C-11, FOR
CONSTRUCTION REQUIREMENTS
- ⑤ NEW HMA PAVEMENT (TYP)
SEE SHEET C-11 FOR SPEC
- ⑥ WHEELSTOP (TYP.)
SEE SHEET C-18
- ⑦ ROOF OVERHANG
- ⑧ CONCRETE BLOCK RETAINING WALL. SEE SHEET C-6 FOR PROFILE
OVER 4 FEET, THEREFORE SEPARATE BUILDING PERMIT REQUIRED.
FENCE REQUIRED WHERE HEIGHT 3' OR GREATER.
- ⑨ PAVING RESTORATION PER CURB CUT
STD DWG 01.02.10, SHEET C-11
- ⑩ COLUMN FOR OVERHEAD CANOPY, TYP.
- ⑪ BIKE RACK, MEET OR EXCEED FATHERWEATHER B1-1.5
- ⑫ 6" WIDE CONCRETE SIDEWALK WITH INTEGRAL CURB, BOTH SIDES
SEE DETAIL SHEET C-11
- ⑬ EXTRUDED CURB, SEE DETAIL SHEET C-11
- ⑭ CEMENT CONCRETE TRAFFIC CURB, SEE DETAIL SHEET C-11
- ⑮ CEMENT CONCRETE CURB RAMP, SEE DETAIL BELOW
- ⑯ CONCRETE PATIO - 4" THICK, 14,500'SF
- ⑰ ADA ROUTE (SEE SHEET C-16)
- ⑱ ADA PARKING SIGN, SEE DETAIL SHEET C-16
- ⑲ ADA RAMP WITH RAILINGS, SEE DETAIL SHEET C-16
- ⑳ CONCRETE FILL, 4" MIN THICKNESS
- ㉑ 8" THICK CEMENT CONCRETE, SEE SHEET C-16 FOR GRADING DETAIL
- ㉒ INSTALL SIDEWALK TO REPLACE DRIVEWAY APPROACH
SEE CITY STD 01.02.01, SHEET C-11

**SEE SHEET C-16 FOR GRADING/
ADA ROUTE DETAILS**

APPROVED



BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: 12/13/2024

NOTE:

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ON THESE PLANS.

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DETERMINED BY THE ENGINEERING
SERVICES MANAGER.

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

REVISION	DATE
1 Revised per City review.	1/9/24
2 Revised per City review. Switch to permissible pavement.	5/19/24
3 Revised per City review.	6/19/24
4 Revised to full disposition.	10/21/24
5	
6	
7	
8	
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10	

JOB NO: 2935
DATE: July 14, 2023
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Jim Job
APPROVED BY: Paul Green



409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3142

Taco Time
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3401 Lind Ave SW
Renton, WA, 98057
Phone 206.255.3633
Fax rtonkin@tacotimerwa.com

Site Plan

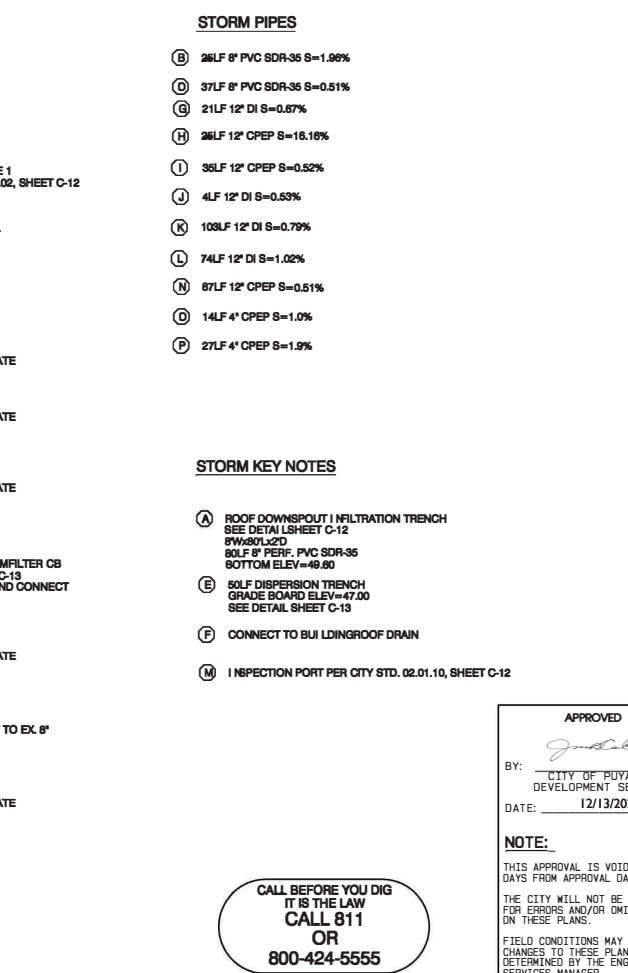
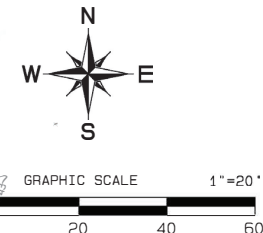
DRAWING

C-7

<i>SHEET</i>	7
<i>OF</i>	16

Project Desc.:	Taco Time	Path:	F:\Jobs\2035 - Taco Time\Tmin\Taco 2024 1102.pro	Plot Date/Time:
				11/2/2024/5: 21: 19PM

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



Storm Plan

Taco Time

Puyallup TT, LLC
 3401 Lind Ave SW
 Renton, WA, 98057
 Phone 206.285.3653
 Fax renton@tacoatimn.com

DRAWING

C-8

SHEET
8

OF
16

409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3142

AZURE GREEN
 CONSULTANTS
 *feasibility *planning *engineering *surveying

DESIGNED BY: Paul Green

DRAWN BY: Rod Trivette

CHECKED BY: Paul Green

APPROVED BY: Paul Green

DATE: July 14, 2023

JOB NO: 2535

REVISION

REVISION	DATE
1 Revised per City Review.	7/19/24
2 Revised per City Review. Switch to permeable pavement.	9/10/24
3 Revised per City Review. Switch to permeable pavement.	9/10/24
4 Revised to full dispersion.	10/11/24
5 Add to tree protection plan type 2. Update info. details. C-3-4-5-12 & 13.	12/3/24
6	
7	
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10	

DESIGNED BY: Paul Green

DRAWN BY: Rod Trivette

CHECKED BY: Paul Green

APPROVED BY: Paul Green

DATE: July 14, 2023

JOB NO: 2535

REVISION

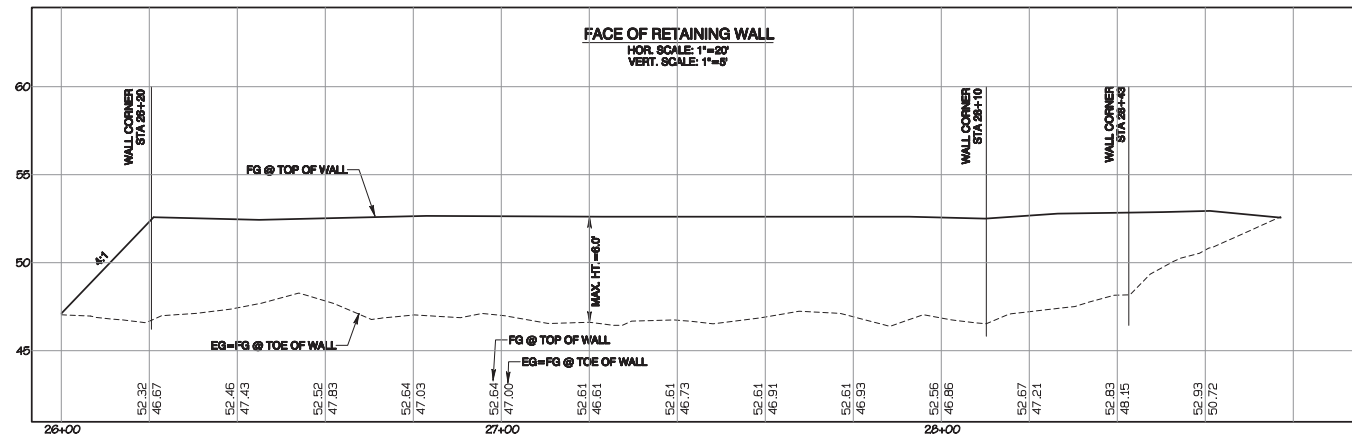
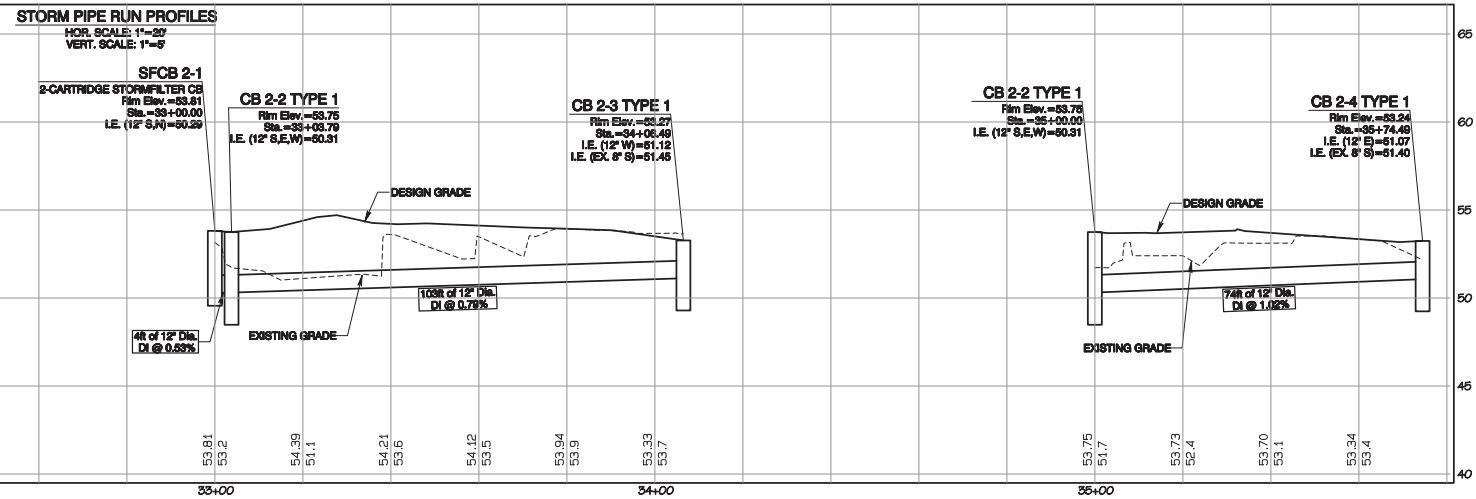
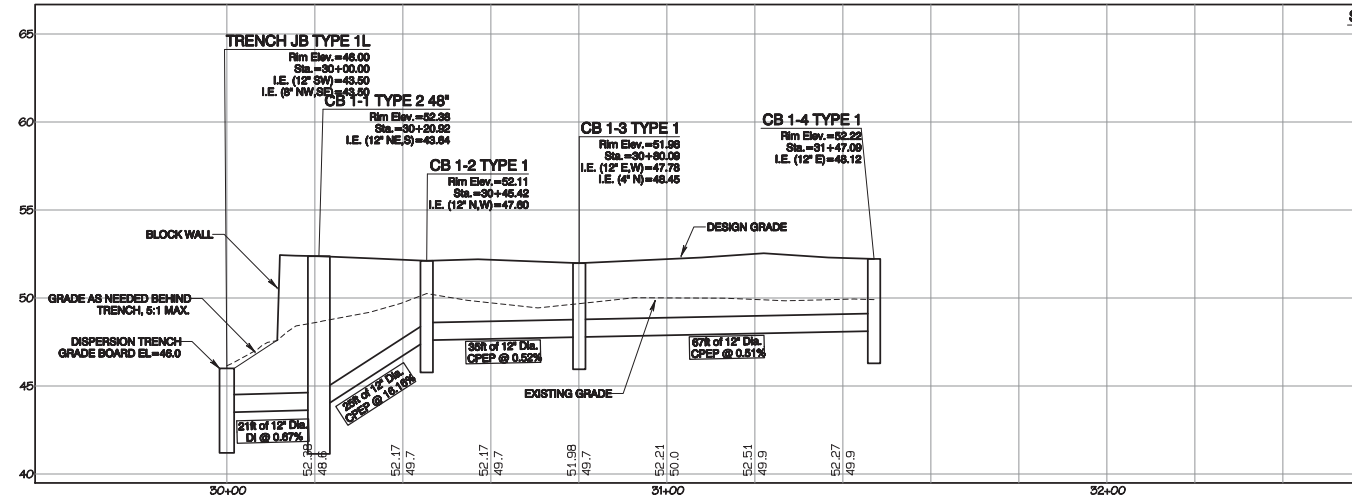
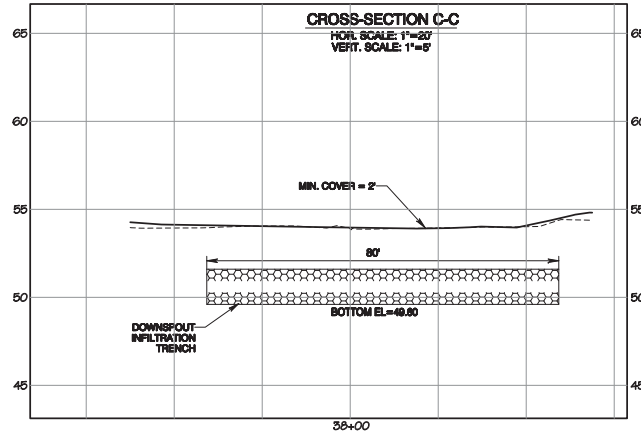
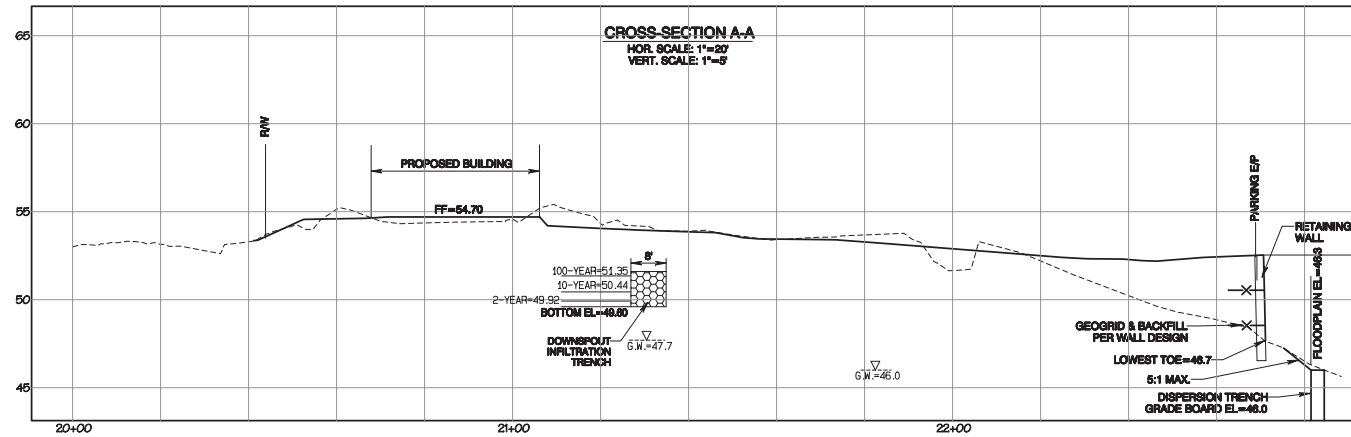
REVISION	DATE
1 Revised per City Review.	7/19/24
2 Revised per City Review. Switch to permeable pavement.	9/10/24
3 Revised per City Review. Switch to permeable pavement.	9/10/24
4 Revised to full dispersion.	10/11/24
5 Add to tree protection plan type 2. Update info. details. C-3-4-5-12 & 13.	12/3/24
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12/4/2024

Project Desc.: Taco Time Path: F:\Jobs\3035 - Taco Time\Taco 2024 1102.pro Plot Date/Time: 11/2/2024/6:23:14PM

Taco Time

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



APPROVED
BY:
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024

NOTE:
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CALL BEFORE YOU DIG
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OR
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DATE	REVISION
1/9/24	1 Revised per City Review.
6/19/24	2 Revised per City Review. Switch to permeable pavement.
9/11/24	3 Revised per City Review.
10/31/24	4 Revised to full dispersion.
7	
8	
9	
10	

JOB NO. 2025
DESIGNED BY: Paul Green
DRAWN BY: Rod Truitt
CHECKED BY: Jim Job
APPROVED BY: Paul Green

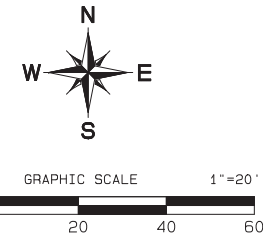
AZURE GREEN
CONSULTANTS
+ feasibility + planning + engineering + surveying
409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3143

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Fax tmonkin@tacoedinw.com

DRAWING
C-9
SHEET 9
OF 16

Cross-Sections & Storm Profiles


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



- ① REMOVE EX. MANHOLE AND 10LF EX. 6" PIPE
- ② 1-6" TEE
1-C.O.
RIM=54.84
I.E. 6"=44.12
- ③ 48LF 6" PVC SDR-35 S=4.9%
- ④ 1-6" TEE
1-C.O.
RIM=53.85
I.E. 6"=46.50
- ⑤ 18LF 6" DI S=21%
- ⑥ GREASE INTERCEPTOR
1,500 GAL.
SEE DETAIL SHEET C-15
- ⑦ 1-C.O.
RIM=54.54
I.E. 6"=50.84
- ⑧ 8LF 6" DI S=2.0%
- ⑨ 8LF 6" PVC SDR-35 S=88%
- ⑩ 34LF 6" PVC SDR-35 S=1.0%
- ⑪ 1-6" 90° BEND
1-C.O.
RIM=53.57
I.E.=46.85
- ⑫ 100LF 6" PVC SDR-35 S=1.0%
- ⑬ 1-6" 45° BEND
1-C.O.
RIM=52.58
I.E.=48.71
- ⑭ 21LF 6" PVC SDR-35 S=1.0%
- ⑮ TRASH ENCLOSURE
SLUMP STRUCTURE
SEE DETAIL SHEET C-18
RIM=52.35
I.E.=48.13
- ⑯ 2LF 6" DI S=2.0%
- ⑰ 1-C.O.
RIM=54.15
I.E.=47.85
- ⑱ 85LF 6" PVC SDR-35 S=1.0%
- ⑲ 1-6" 45° BEND
1-C.O.
RIM=52.54
I.E.=48.82
- ⑳ 21LF 6" PVC SDR-35 S=1.0%
- ㉑ CONNECT TO EX. 6"
1-C.O.
1-SAMPLING TEE
1-6" REDUCER
RIM=54.43
I.E. 6"=44.03
- ㉒ REPLACE 6 LF EX. 6" WITH 6" PVC SDR-35
- ㉓ 2LF 6" DI S=2.0%
- ㉔ 1-6" 90° BEND
1-C.O.
RIM=54.08
I.E.=50.59

- X1** BOTTOM 6" SD=51.25
TOP 6" SS = 47.25
CLEARANCE = 4.00'
- X2** BOTTOM 6" SD=51.76
TOP 6" SS = 48.13
CLEARANCE = 3.63'
- X3** BOTTOM 6" SD=51.76
TOP 6" SS = 48.08
CLEARANCE = 3.10'
- X4** BOTTOM 12" SD=50.42
TOP 6" SS = 48.71
CLEARANCE = 1.71'
- X5** BOTTOM 12" SD=48.74
INSTALL WATER SERVICE BELOW
EX. STORM, 12" MIN. CLEARANCE
TOP WATER = 47.74 OR LOWER

APPROVED



BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

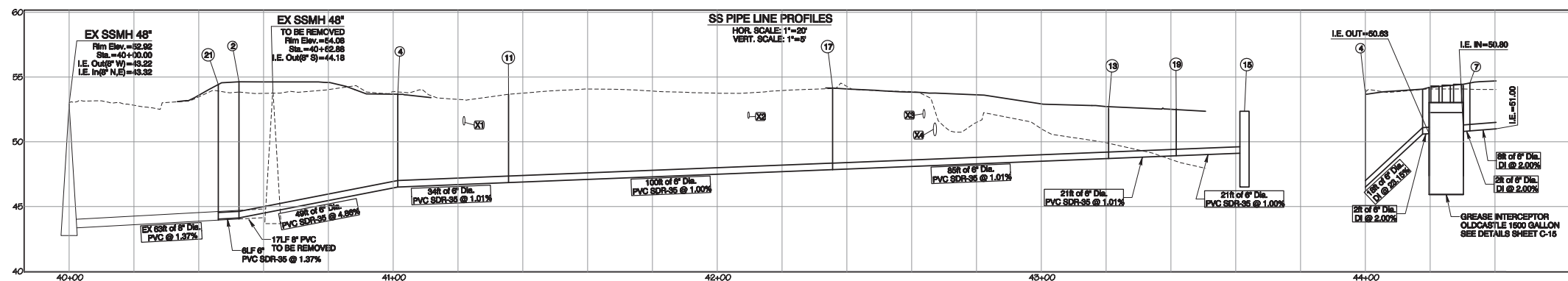
DATE: 12/13/2024

NOTE:

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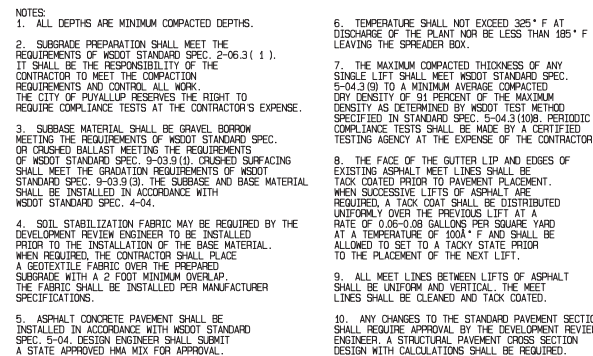
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DRAWING
C-10
SHEET 10
OF 16

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



- KEY P A N**
- (A) SILVA CEL. SYSTEM (DECK, BASE, AND POSTS)
 - (B) SUBGRAD, COMPACTED
 - (C) GEOTEXTILE FABRIC, PLACED ABOVE SUBGRAD
 - (D) 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95%
 - (E) SILVA CELL, BASE SLOPE, 10% MAX
 - (F) 1" TO 2" SPACING BETWEEN SILVA CELLS AT BATH
 - (G) ANCHORING SPIKES, CONTACT DEEPROOT FOR
 - (H) GEGRID, WRAPPED AROUND PERIMETER OF (OUTWARD FROM BASE) AND 12" EXCESS (OVER
 - (I) CABLE TIE ATTACHING GEGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED

- (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS,
PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR
- (K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS
- (L) GEOTEXTILE BARRIER TO EDGE OF EXCAVATION
- (M) RIBBON CURE AT TREE OPENING (TO BE USED WITH PAVES OR ASPHALT)
- (N) THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)
- (O) PAVEMENT AND AGGREGATE BASE PER PROJECT *

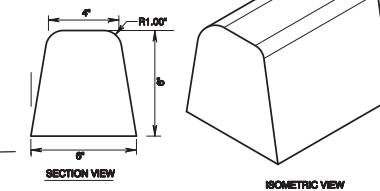
*MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H-20 LOADING	
PAVEMENT	+ AGGREGATE BASE COURSE
4" CONCRETE	+ 4" AGGREGATE
3" PAVER	+ 12" AGGREGATE
4" ASPHALT	+ 12" AGGREGATE
2.5" PAVER	+ 15" CONCRETE

- ② DEEPROOT ROOT BARRIER, 12" OR 18", DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT
- ③ PLANTING SOIL BELOW ROOT BALL, (COMPACTED) WEIL TO PREVENT SETTLING
- ④ ROOT BALL
- ⑤ TREE OPENING TREATMENT, P/R PROJECT SPECIFICATIONS
- ~~⑥ DEEPROOT WATER AND AIR VENT, ROOTBALL, WHEN REQUIRED~~
- ~~⑦ DEEPROOT WATER AND AIR VENT, WHEN REQUIRED~~
- ⑧ UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)

NOTES

1. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
2. INSTALLATION TO BE COMPLETE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
3. PROVIDE SUPPLEMENTAL IRRIGATION
4. DO NOT SCALE DRAWINGS

NOT TO SCALE
INCHES



NOTES:
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 I EPOXY RESIN.

EXTRUDED CURB DETAIL

APPROVED

Jim Calver

BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: 12/13/2024

NOTE:

THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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JOB NO.	REVISION	DATE
2255	1	7/14/23
	2	8/1/23
	3	8/1/23
	4	8/1/23
	5	8/1/23
	6	8/1/23
	7	8/1/23
	8	8/1/23
	9	8/1/23



409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3142

Taco Time

Taco Time NW
3401 Lind Ave SW
Renton, WA, 98057
Phone 206.255.3633
Fax rtokin@tacotimew.com

Phone 206.255.3633
Fax rtonkin@tacotimeww.com

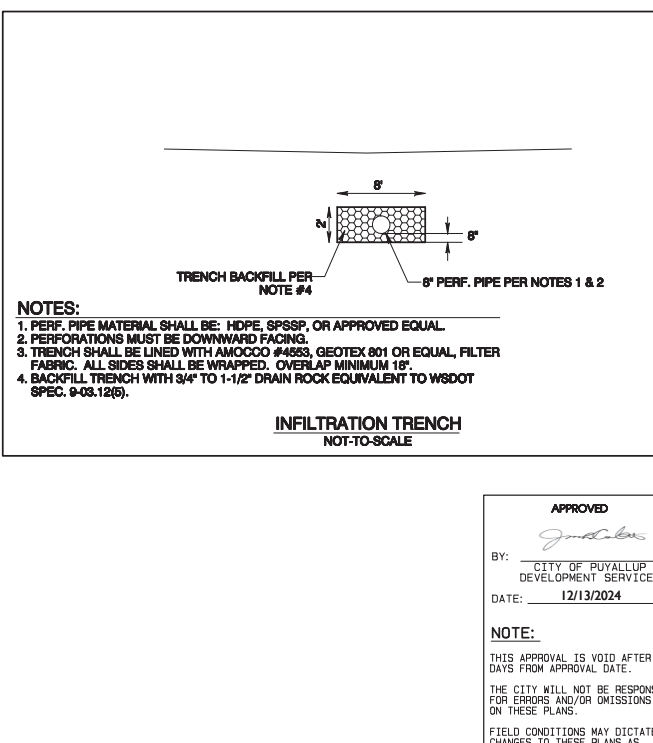
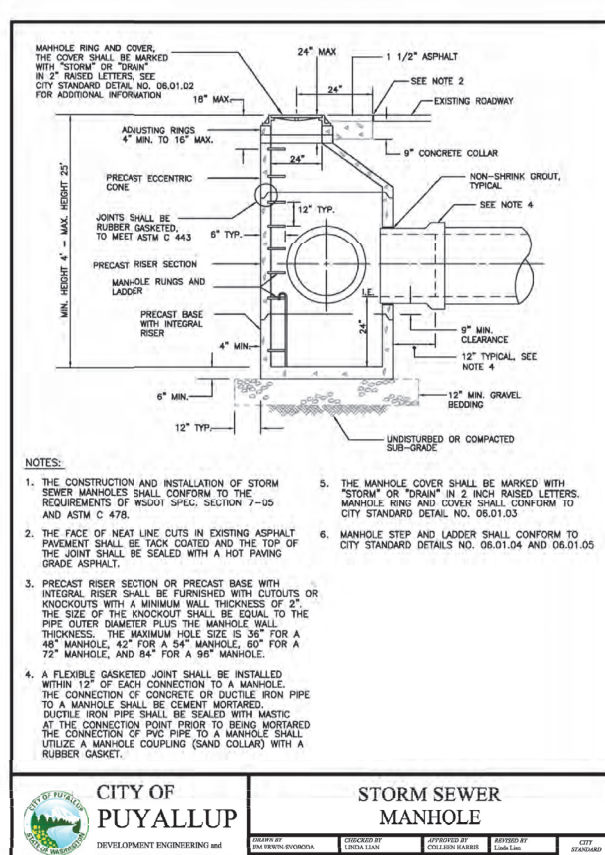
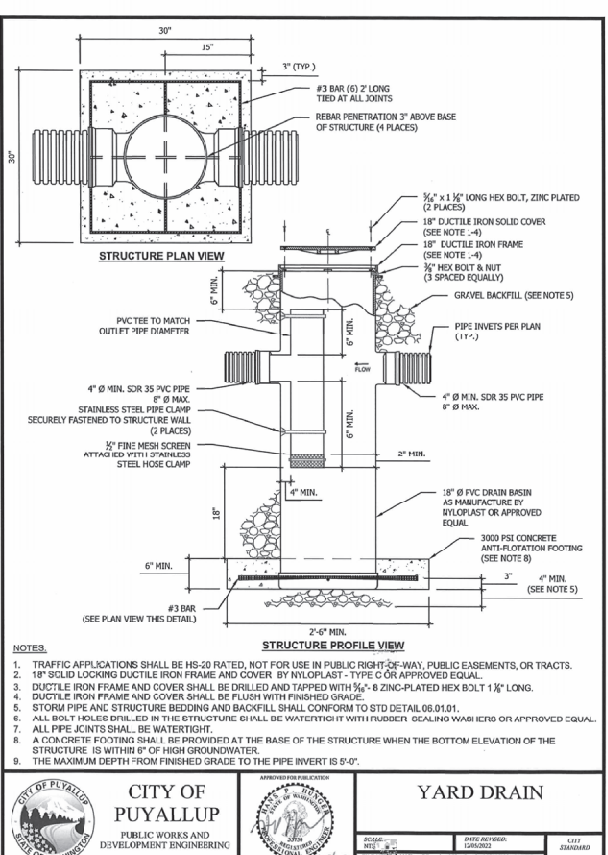
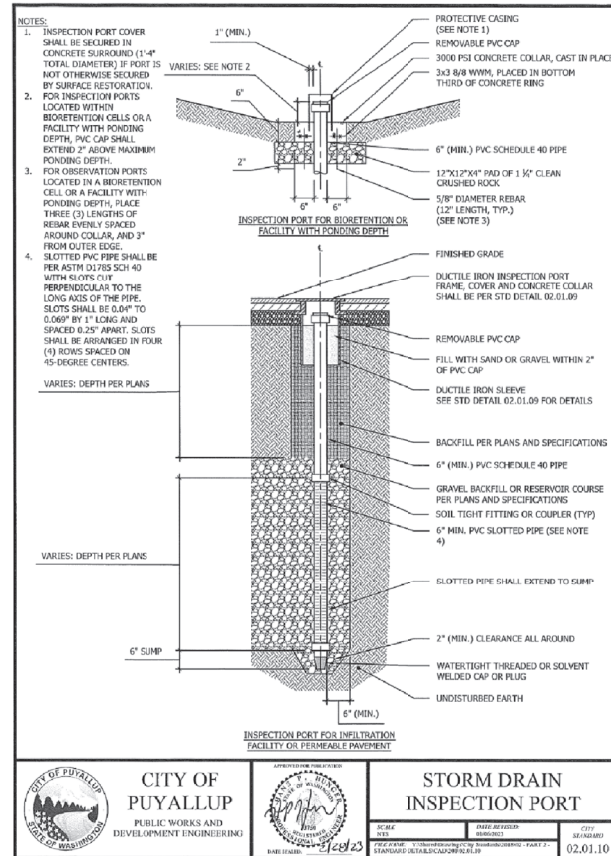
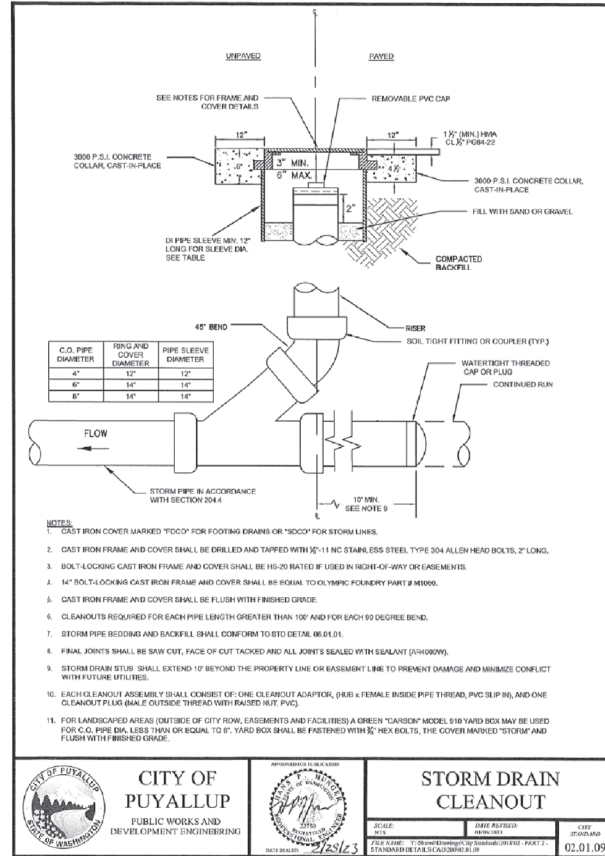
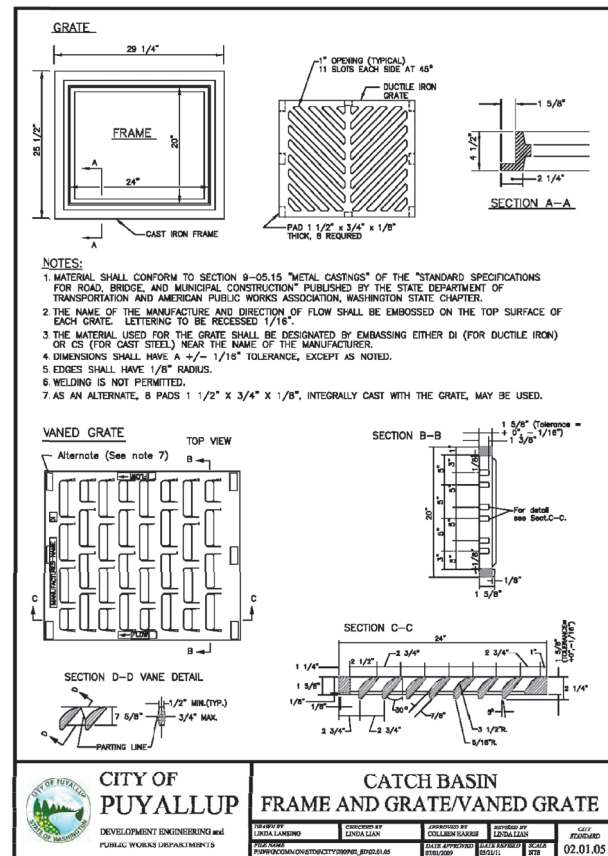
Details

DRAWING

C-11

<i>SHEET</i>	11
<i>OF</i>	16

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



REVISION	DATE
1 Revised per City review. Switch to proposed payment.	1/9/24
2 Revised per City review.	9/11/24
3 Revised per City review.	9/11/24
4 Revised to full disposition.	10/31/24
5 Added to true project clarity type 2 update until. Update: C-4-B-2, E-13	12/3/24
6	
7	
8	
9	
10	

JOB NO: 2935
DATE: July 14, 2023
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Jim Job
APPROVED BY: Paul Green



409 East Pioneer, Suite A - Puyallup, WA 98372 **phone: 253.770.3144 for 253.770.3142**

Storm Details

Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA, 98057
Phone 206.255.3633
Fax 206.255.3633
Email renton@puyalluptt.com

Phone 206.255.3633
Fax rankin@tacotlmemw.com

DRAWING

C-12

<i>SHEET</i>	1
<i>OF</i>	1

Taco Time

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



REVISION	DATE	BY	DESCRIPTION
1	1/9/24	PA	1. Revised per City Review.
2	6/19/24	PA	2. Revised per City Review. Switch to permeable pavement.
3	9/11/24	PA	3. Revised per City Review.
4	10/31/24	PA	4. Revised to add description.
5	12/2/24	PA	5. Added to the project. City Type 2. Update profile. Details. C-13-A-B-2, 6-13.
6			
7			
8			
9			
10			

DESIGN NO.	2024
DESIGNED BY	PAUL GREEN
DRAWN BY	ROD TRIVITT
CHECKED BY	PAUL GREEN
APPROVED BY	PAUL GREEN

AzureGreen Consultants

409 West Pioneer, Suite A - Puyallup, WA 98472
phone: 253.770.3144 fax: 253.770.3143

feasibility • planning • engineering • surveying

Storm & Water Details

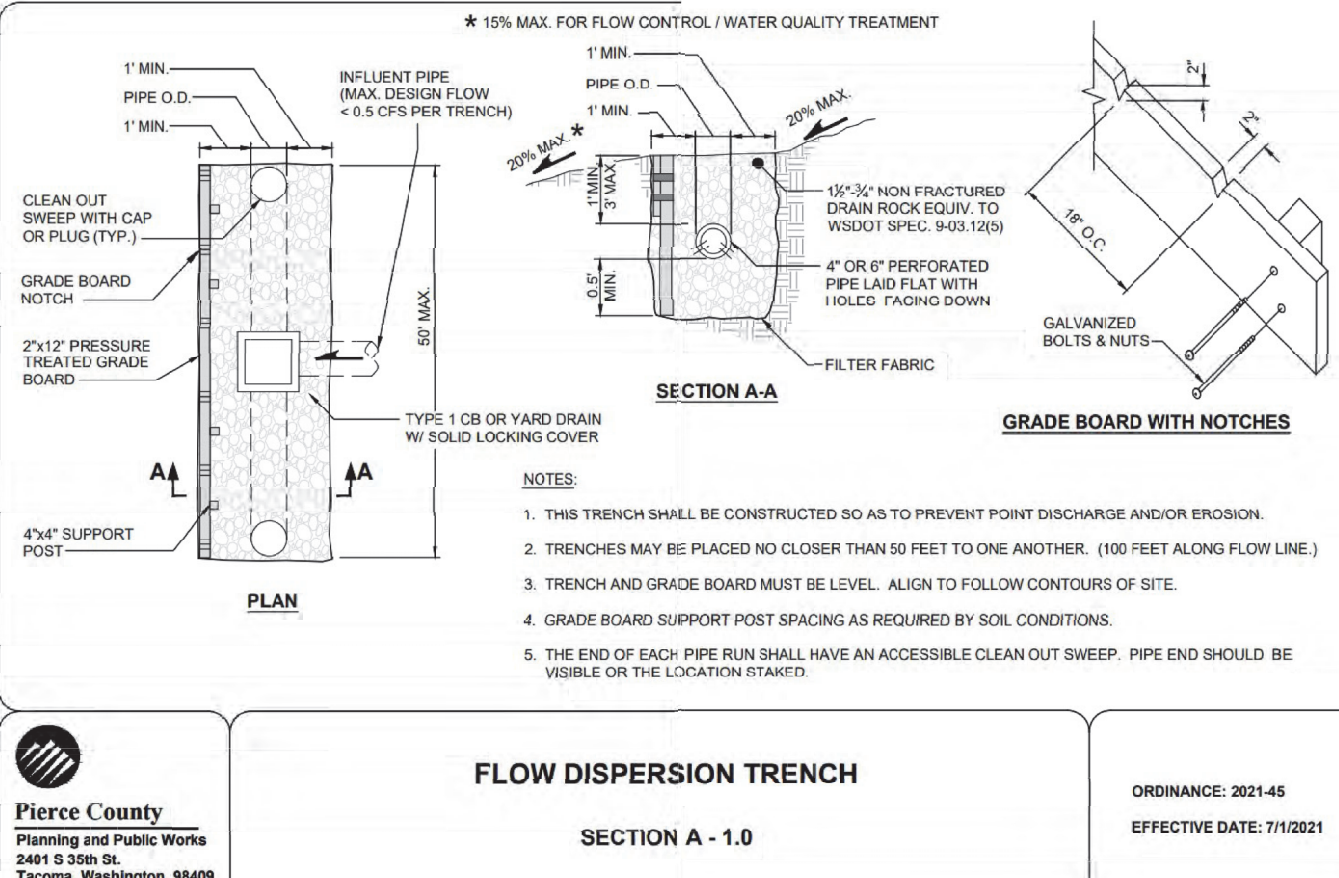
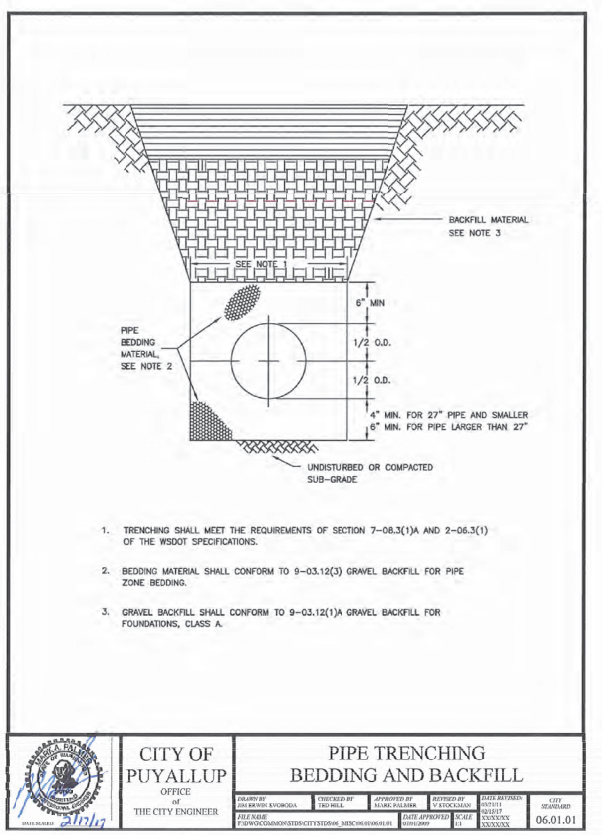
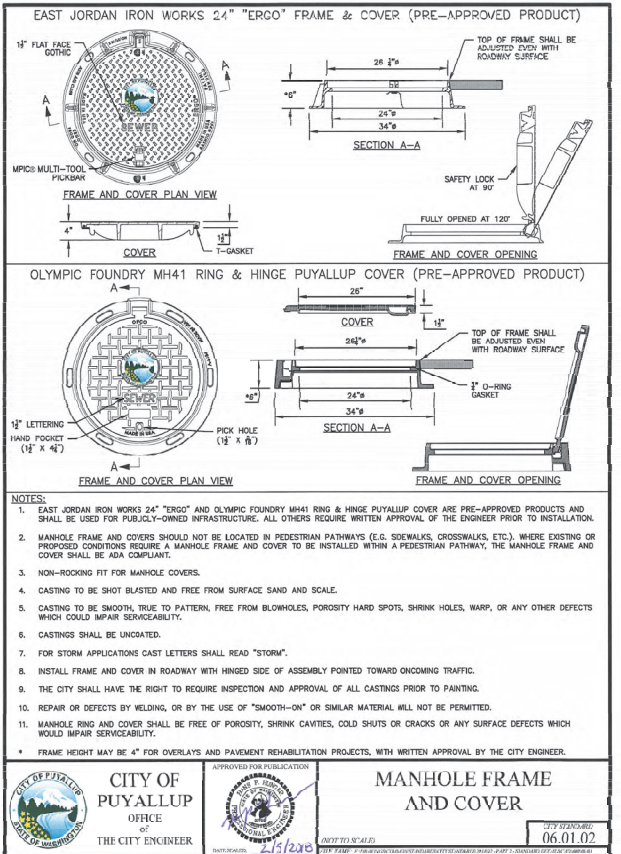
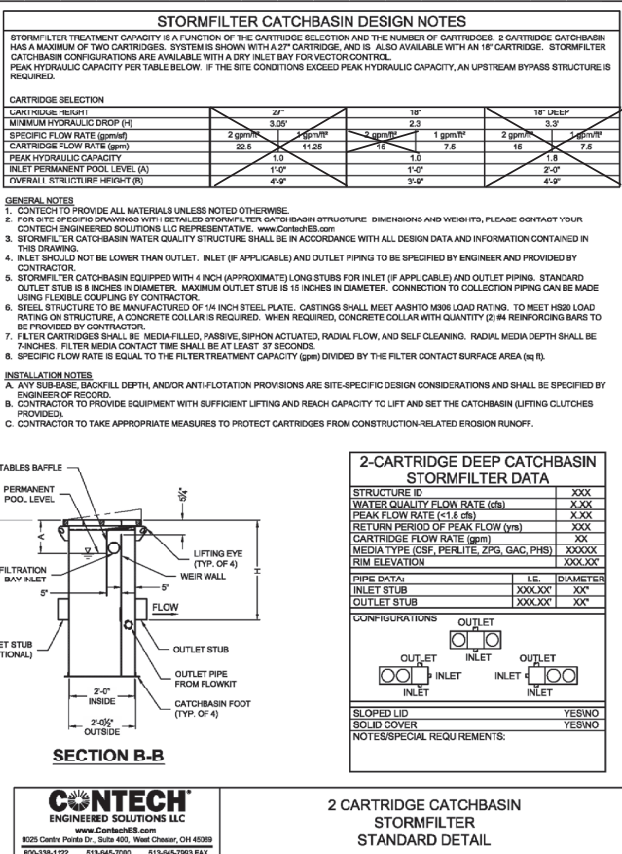
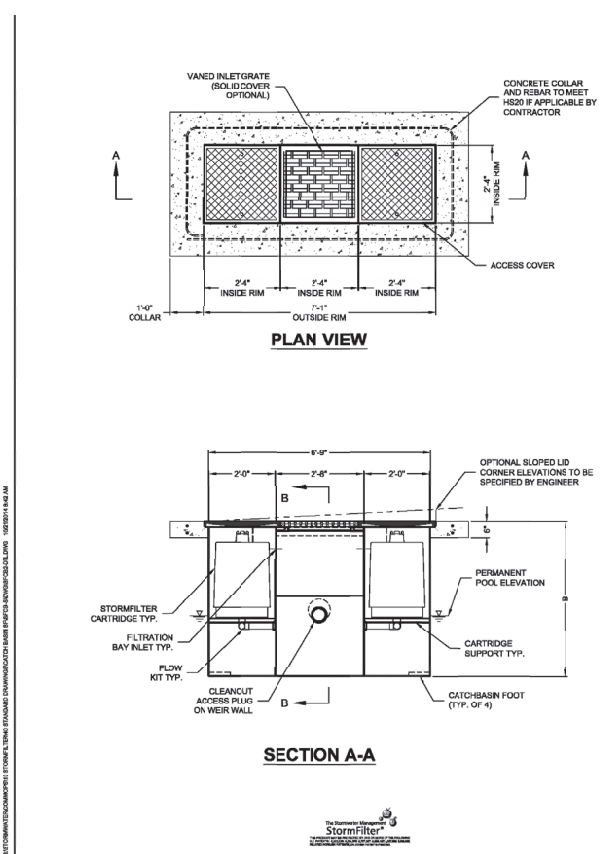
Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3633
Fax ttontk@tacoindm.com

DRAWING

C-13

SHEET 13
OF 16



Stormwater Notes:

- All work in City right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the engineering plans, representatives from all applicable Utility Companies, the project owner and appropriate City staff. Contact Engineering Services to schedule the meeting (253) 841-5568. The contractor is responsible to have their own approved set of plans at the meeting.
- After completion of all items shown on these plans and before acceptance of the project, the contractor shall obtain a "punch list" prepared by the City's inspector detailing remaining items of work to be completed. All items of work shown on these plans shall be completed to the satisfaction of the City prior to acceptance of the water system and provision of sanitary sewer service.
- All materials and workmanship shall conform to the Standard Specifications for Road, Bridge, and Municipal Construction (hereinafter referred to as the "Standard Specifications"), Washington State Department of Transportation and American Public Works Association, Washington State Chapter, latest edition, unless superseded or amended by the City of Puyallup City Standards for Public Works Engineering and Construction (hereinafter referred to as the "City Standards").
- 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 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.
- The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.
- Any structure and/or obstruction which require removal or relocation relating to this project, shall be done so at the developer's expense.
- During construction, all existing and newly installed drainage structures shall be protected from sediments.
- All storm manholes shall conform to City Standard Detail No. 02.01.01. Flow control manhole/oil water separator shall conform to City Standard Detail No. 02.01.06 and 02.01.07.
- Manhole ring and cover shall conform to City Standard Detail 06.01.02.
- Catch basins Type I shall conform to City Standard Detail No.02.01.02 and 02.01.03 and shall be used only for depths less than 5 feet from top of the grate to the invert of the storm pipe.
- Catch basins Type II shall conform to City Standard Detail No.02.01.04 and shall be used for depths greater than 5 feet from top of the grate to the invert of the storm pipe.
- 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 MSOT Standard Plan B-30.20-04 (Olympic Foundry No. SM60 or equal). Vane grates shall conform to MSOT Standard Plan B-30.30-03 (Olympic Foundry No. SM60V or equal).
- Stormwater pipe shall be only PVC, concrete, ductile iron pipe, or dual walled Polypropylene pipe.
 - The use of any other type shall be reviewed and approved by the Engineering Services Staff prior to installation.
 - PVC pipe shall be per ASTM D3034, SDR 35 for pipe size 15-inch and smaller and F679 for pipe sizes 18 to 27 inch. Minimum cover on PVC pipe shall be 3.0 feet.
 - Concrete pipe shall conform to the MSOT Standard Specifications for concrete underdrain pipe. Minimum cover on concrete pipe shall not less than 3.0 feet.
 - Ductile iron pipe shall be Class 50, conforming to AWWA C151. Minimum cover on ductile iron pipe shall be 1.0 foot.
 - Polypropylene Pipe (PP) shall be dual walled, have a smooth interior and exterior corrugations and meet MSOT 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 60-inch pipe shall meet or exceed ASTM F2881 and AASHTO M330, Type S, or Type D. Testing shall be per ASTM F1417. Minimum cover over Polypropylene pipe shall be 3-feet.
- Trenching, bedding, and backfill for pipe shall conform to City Standard Detail No. 06.01.01.
- Storm pipe shall be a minimum of 10 feet away from building foundations and/or roof lines.
- All storm drain mains shall be tested and inspected for acceptance as outlined in Section 406 of the City of Puyallup Sanitary Sewer System Standards.
- All temporary sedimentation and erosion control measures, and protective measures for critical areas and significant trees shall be installed prior to initiating any construction activities.

APPROVED

BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024

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.

CITY OF PUYALLUP

OFFICE OF THE CITY ENGINEER

PIPE TRENCHING BEDDING AND BACKFILL

DESIGNED BY: PAUL GREEN
CHECKED BY: ROD TRIVITT
APPROVED BY: PAUL GREEN
DATE: 12/13/2024

06.01.01

Pierce County

Planning and Public Works

2401 S 35th St.
Tacoma, Washington 98409

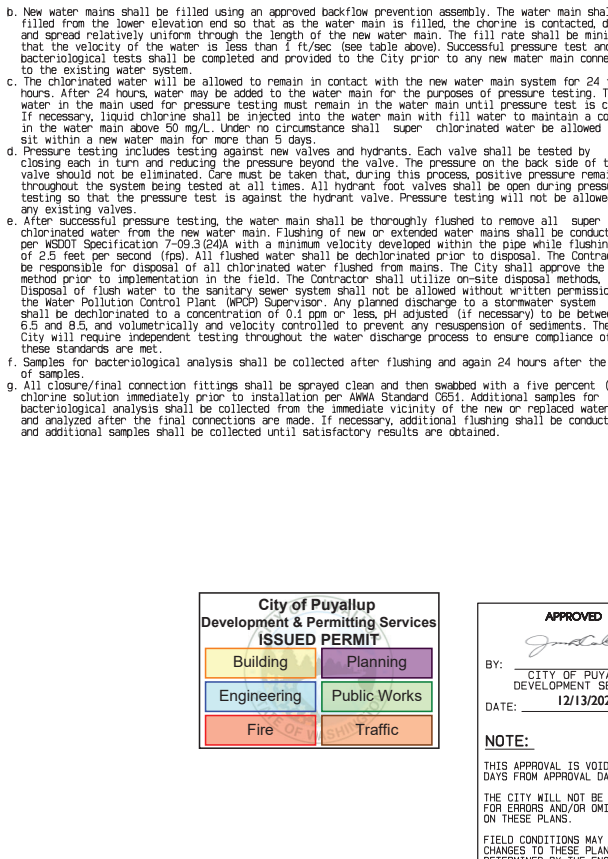
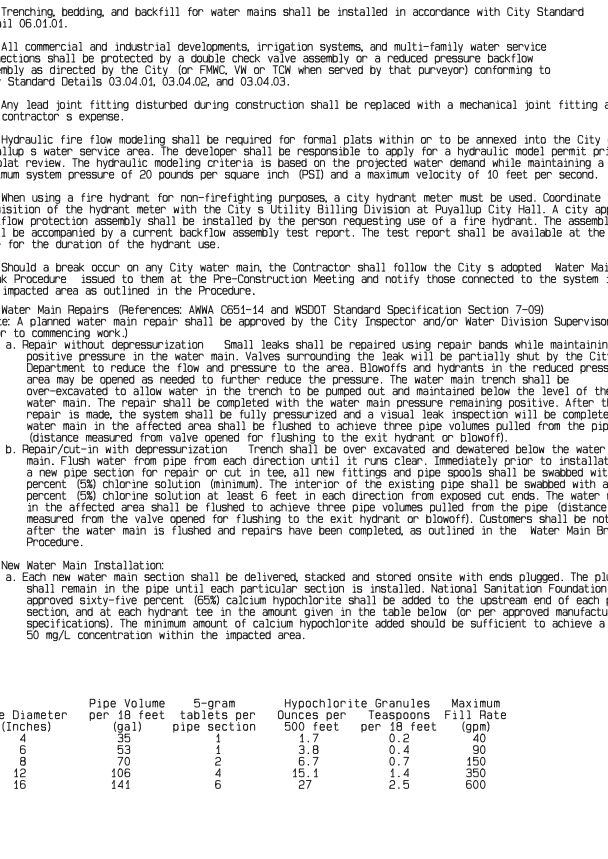
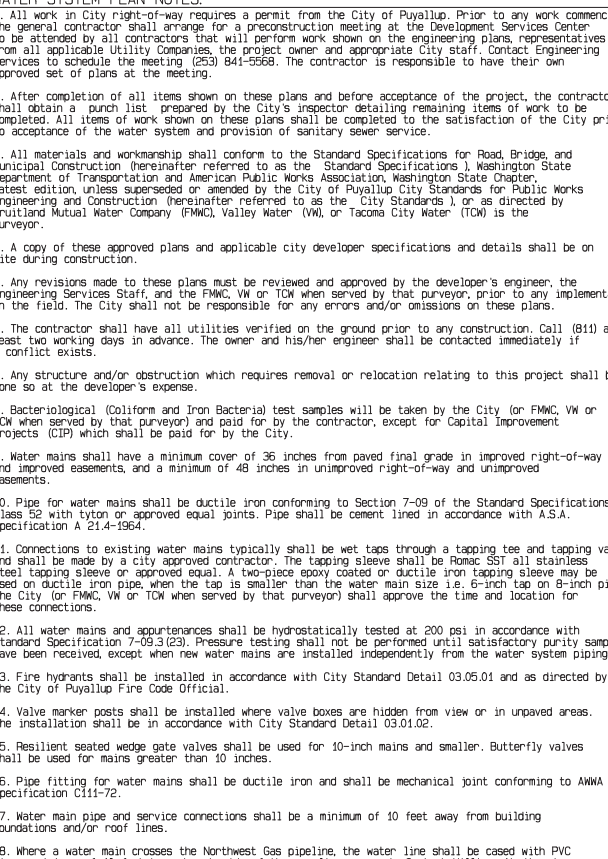
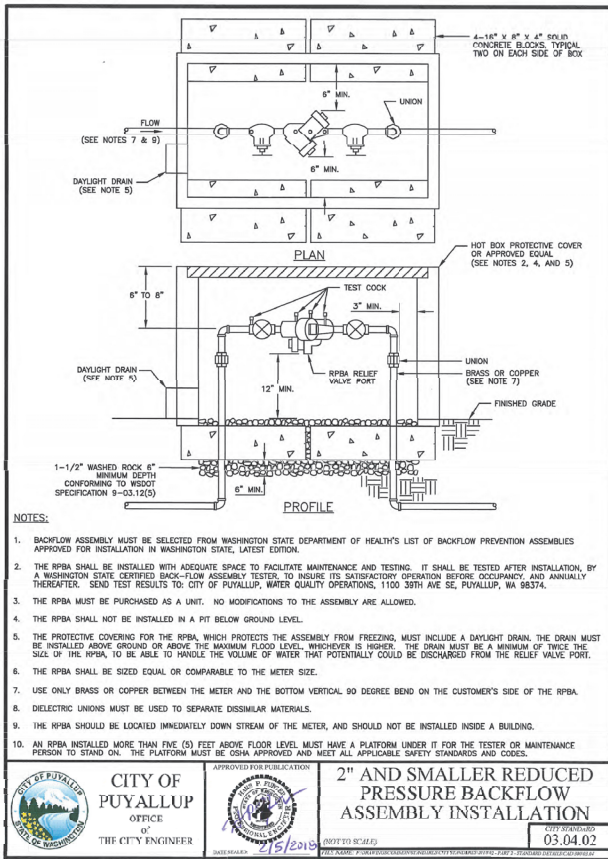
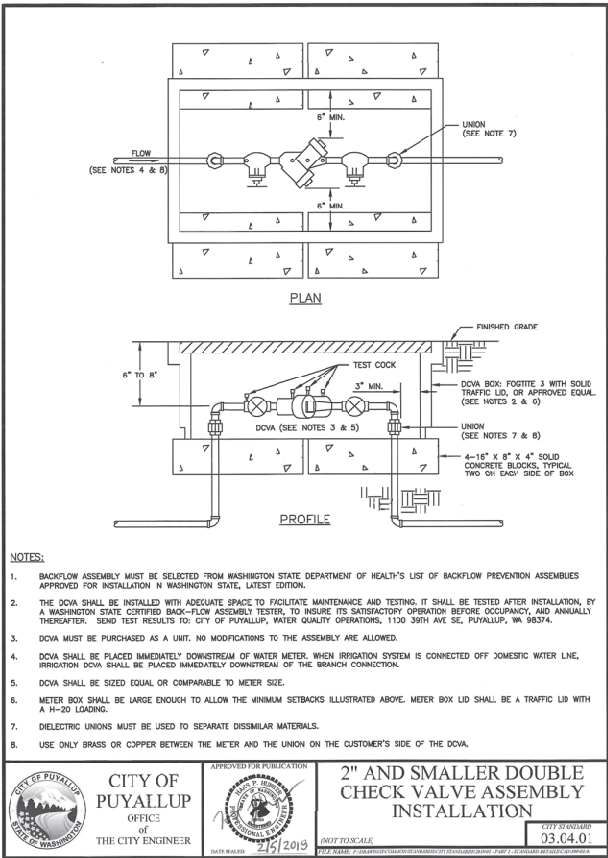
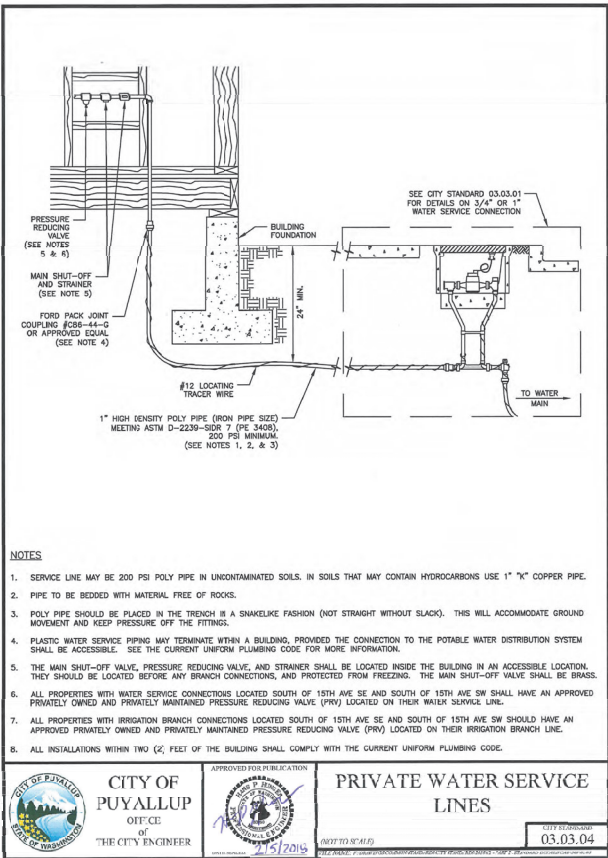
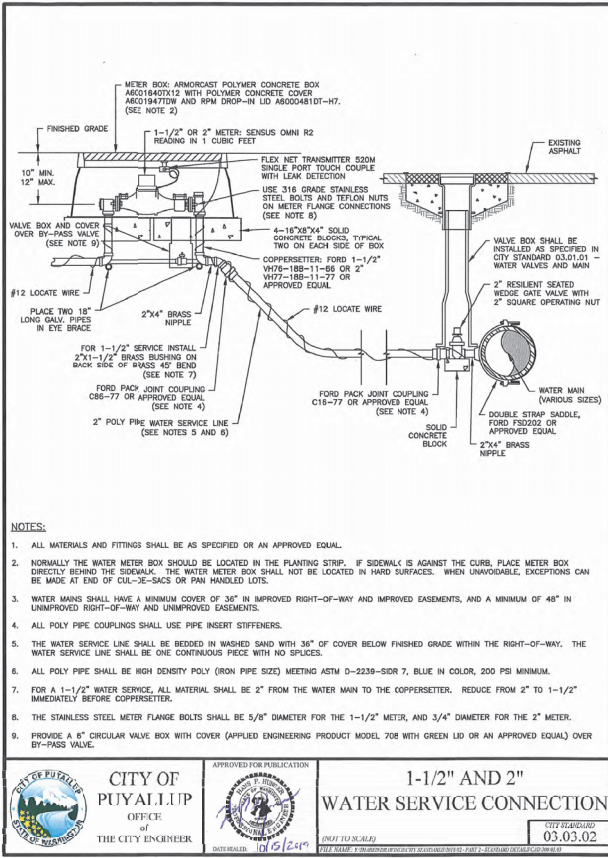
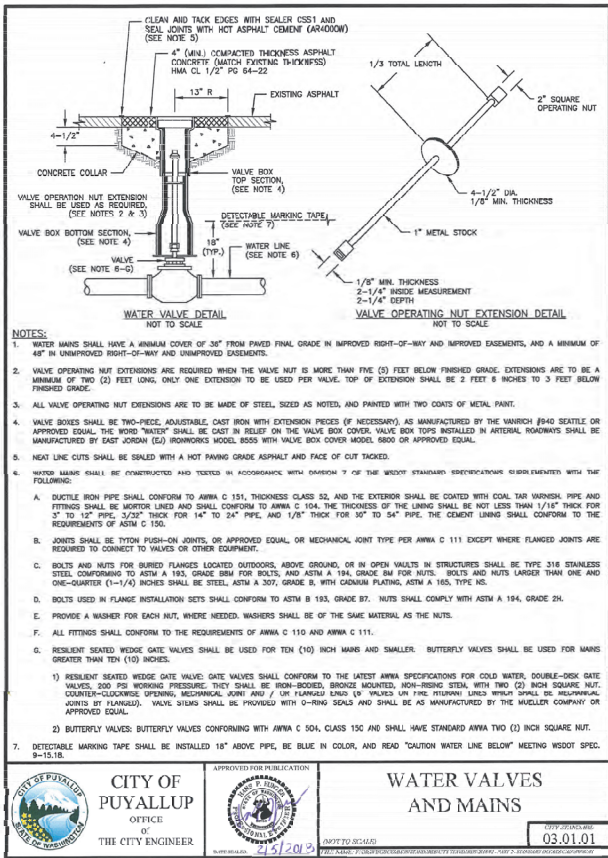
FLOW DISPERSION TRENCH

SECTION A - 1.0

ORDINANCE: 2021-45
EFFECTIVE DATE: 7/1/2021

Taco Time

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



REVISION	DATE	DESCRIPTION
1	1/9/24	Revised per City Review.
2	6/19/24	Revised per City Review. Switch to diamond plate.
3	9/11/24	Revised per City Review.
4	10/31/24	Revised to full description.

DESIGNED BY: PAUL GREEN	CHECKED BY: JIM JEN
DRAWN BY: ROD TRIVETT	APPROVED BY: PAUL GREEN



Water Details

Taco Time

Taco Time NW
3401 Lind Ave SW
Renton, WA 98057
Phone 206.255.3633
Fax torking@tacoenginr.com

City of Puyallup Development & Permitting Services ISSUED PERMIT

Building Planning Engineering Public Works Fire Traffic

APPROVED

BY: *[Signature]*

CITY OF PUYALLUP DEVELOPMENT SERVICES

DATE: 12/13/2024

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.

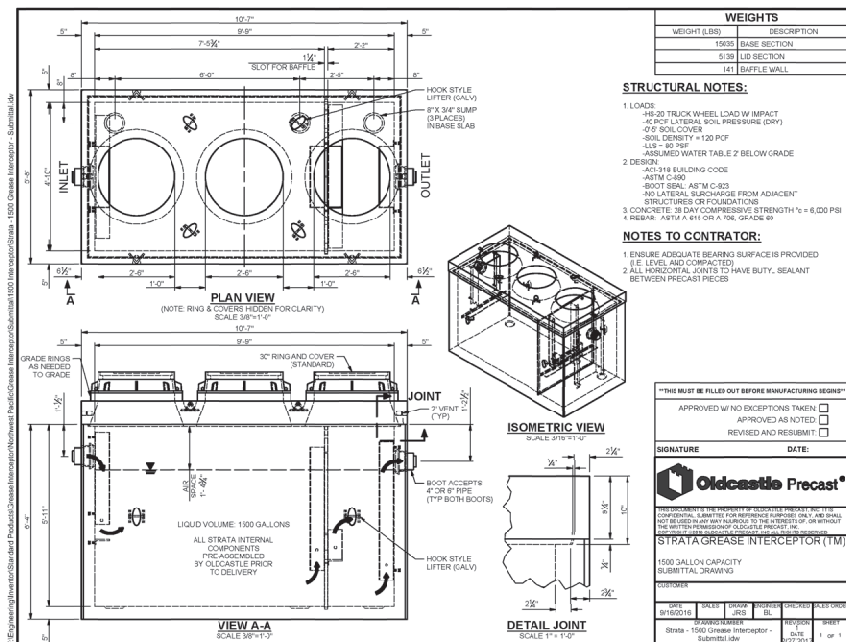
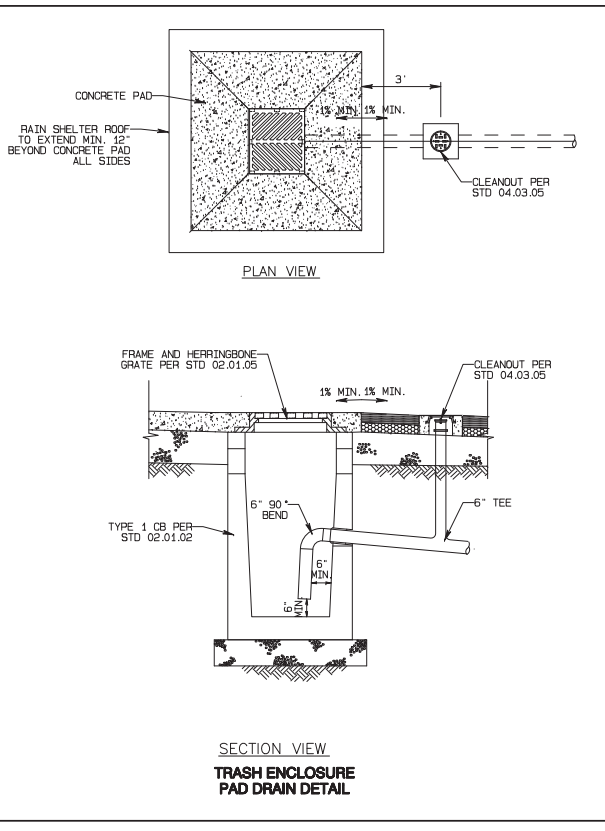
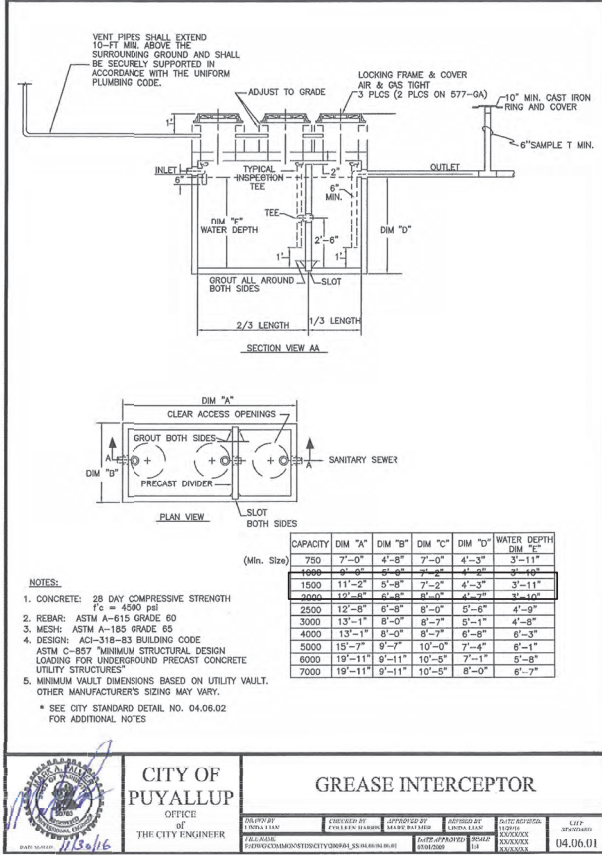
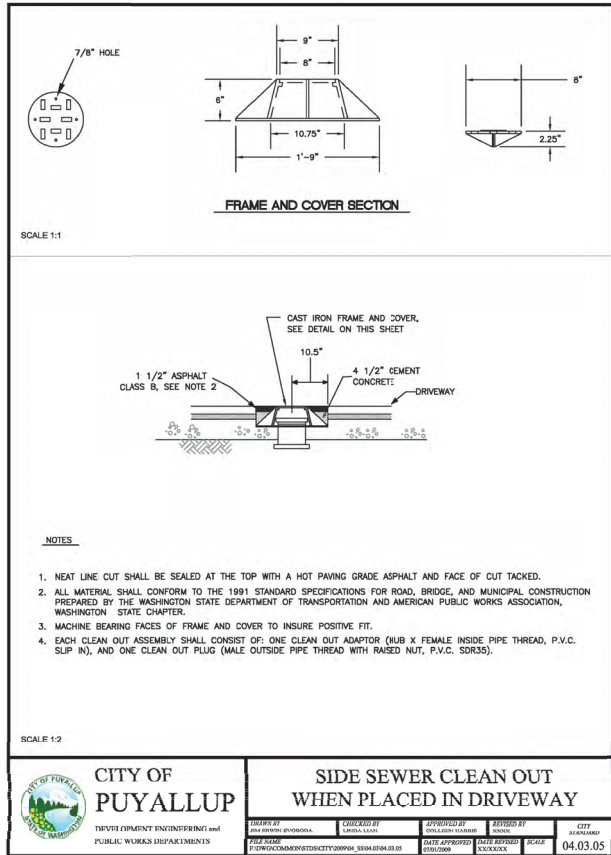
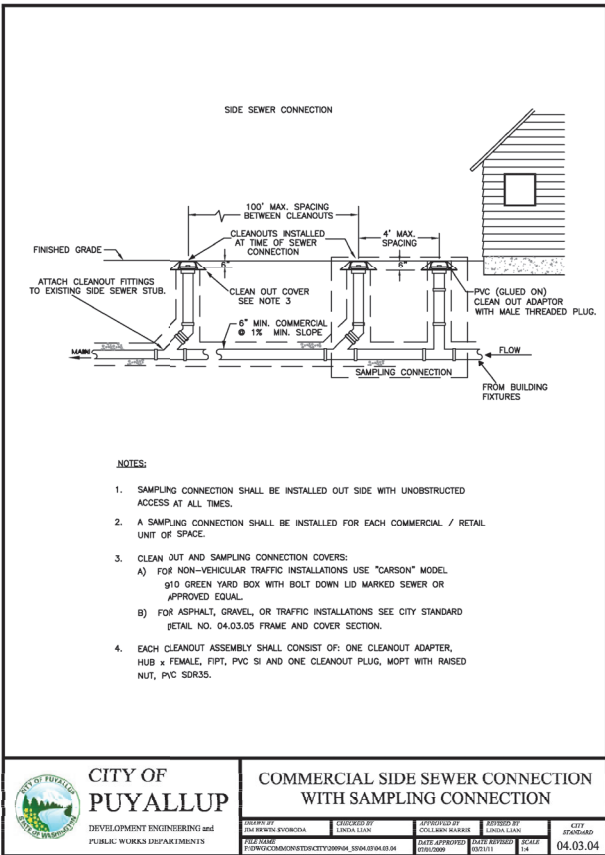
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

DRAWING C-14

SHEET 14 OF 16

Taco Time

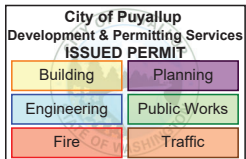
Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington



GREASE INTERCEPTOR SIZING

FIXTURE	QTY.	DUBEA TOTAL
100' SINK	1	3
HAND SINK	2	2
SCOMP SINK	1	3
2' FLOOR SINK	2	4
3' FLOOR SINK	2	6
FLOOR DRAIN	2	2
TOTAL DFUS		40

PER TABLE 1014.3.3, 1250 GAL REQUIRED



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 I-20 LOADING CRITERIA.
- THE GREASE INTERCEPTOR SHALL BE INSTALLED AND CONNECTED 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 10-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 RADII, 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.
- 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.
- FINAL INSPECTION IS REQUIRED BY ENGINEERING SERVICES STAFF PRIOR TO CONNECTING TO THE SANITARY SEWER.
- 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.



SANITARY SEWER NOTES:

- All work in City right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the engineering plans, representatives from all applicable utility companies, the project owner and appropriate City staff. Contact Engineering Services to schedule the meeting (253) 841-5568. The contractor is responsible to have their own approved set of plans at the meeting.
- After completion of all items shown on these plans and before acceptance of the project, the contractor shall obtain a "punch list" prepared by the City's inspector detailing remaining items of work to be completed. All items of work shown on these plans shall be completed to the satisfaction of the City prior to acceptance of the sewer 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").
- 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 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.
- The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.
- Any structure and/or obstruction which require removal or relocation relating to this project shall be done so at the developer's expense.
- 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.
- Side sewers shall be installed in accordance with City Standard Nos. 04.03.01, 04.03.02, 04.03.03 and 04.03.04. All sewer installation work shall be done in accordance with the Washington Industrial Safety and Health Act (WISHA).
- Side 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. 42-inch through 30-inch Polypropylene Pipe (PP) shall be dual wall, 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 wall and meet WSDOT 9-05.24(2). It shall meet or exceed ASTM F2764. PP shall have a minimum pipe stiffness of 46 pli 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. 06.05.01. 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 04.01.04. All manholes shall be channeled for future lines as specified on these plans. Manhole 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.
- 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.
- 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 from the source.
- 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.

APPROVED

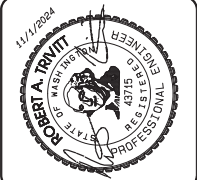
BY:
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/13/2024

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.



REVISION	DATE	DESCRIPTION
1	1/19/24	Revised per City Review.
2	6/19/24	Revised per City Review.
3	9/11/24	Revised per City Review.
4	10/31/24	Revised per City Review.

DESIGNED BY: JIM JOHNSON	CHECKED BY: JIM JOHNSON
APPROVED BY: JIM JOHNSON	DATE: 04.03.04

AZURE GREEN CONSULTANTS

feasibility • planning • engineering • surveying

409 East Pioneer, Suite A - Puyallup, WA 98572 phone: 253.770.3144 fax: 253.770.3143

Taco Time

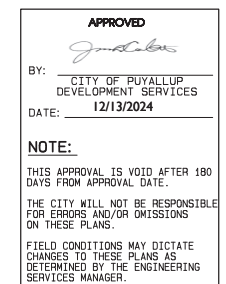
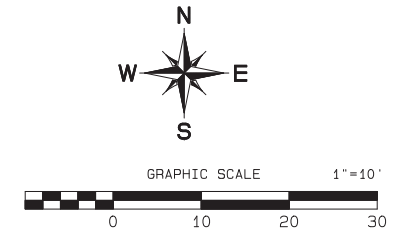
SS Details

DRAWING C-15

SHEET 15 OF 16

Taco Time NW
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Renton, WA 98057
Phone 206.255.3653
Fax 206.255.3653

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



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3401 Lind Ave SW
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Phone 206.255.3633
Fax rtonkin@tacotimeww

DRAWING
C-16
SHEET 16
OF 16