

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

SITE ADDRESS: 1115 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@tacotimerw.com

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

DATUM
NAVD88

BENCHMARK
BM 2403 SW-5-16, EL. = 30.50 NGVD29
CONVERTED TO NAVD88 +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
53053C0329E EFFECTIVE MARCH 7, 2017.
100-YEAR FLOOD ELEVATION = 28.7 (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

- All work in City right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the approved engineering plans, representatives from all applicable utility companies, the project owner and appropriate city staff. Contact Engineering Services at (253-841-5568) to schedule the meeting. The contractor is responsible to have their own set of approved plans at the meeting.
- After completion of all items shown on these plans and before acceptance of the project the contractor shall obtain a "punch list" prepared by the City's inspector detailing remaining items of work to be completed. All items of work shown on these plans shall be completed to the satisfaction of the City prior to acceptance of the water system and provision of sanitary sewer service.
- All materials and workmanship shall conform to the Standard Specifications for Road, Bridge, and Municipal Construction (hereinafter referred to as the "Standard Specifications"), Washington State Department of Transportation and American Public Works Association, Washington State Chapter, latest edition, unless superseded or amended by the City of Puyallup City Standards for Public Works Engineering and Construction (hereinafter referred to as the "City Standards").
- A copy of these approved plans and applicable city developer specifications and details shall be on site during construction.
- Any revisions made to these plans must be reviewed and approved by the developer's engineer and the City prior to any implementation in the field. The City shall not be responsible for any errors and/or omissions on these plans.
- The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.
- Any structure and/or obstruction that requires removal or relocation relating to this project shall be done so at the developer's expense.
- Locations of existing utilities are approximate. It shall be the contractor's responsibility to determine the true elevations and locations of hidden utilities. All visible items shall be the engineer's responsibility.
- The contractor shall install, replace, or relocate all signs, as shown on the plans or as affected by construction, per City Standards.
- Power, street light, cable, and telephone lines shall be in a trench located within a 10-foot utility easement adjacent to public right-of-way. Right-of-way crossings shall have a minimum horizontal separation from other utilities (sewer, water, and storm) of 5 feet.
- All construction surveying for extensions of public facilities shall be done under the direction of a Washington State licensed land surveyor or a Washington State licensed professional civil engineer.
- 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.
- Certified record drawings are required prior to project acceptance.
- A NPDES Stormwater General Permit may be required by the Department of Ecology for this project. For information contact the Department of Ecology, Southwest Region Office at (360)407-6300.
- Any disturbance or damage to Critical Areas and associated buffers, or significant trees designated for preservation and protection shall be mitigated in accordance with a Mitigation Plan reviewed and approved by the City's Planning Division. Preparation and implementation of the Mitigation Plan 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.

Taco Time

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

IMPERVIOUS AREAS

Developed	POC 1 Area (sf)	POC 2 Area (sf)
Onsite		
New Roof	648	3941
New Paving	13758	1966
New Walk	720	2713
Offsite		
Replaced Driveway	0	859
Total New + Replaced Imp.	15126	9479
Total New + Replaced PGHS	13758	2825

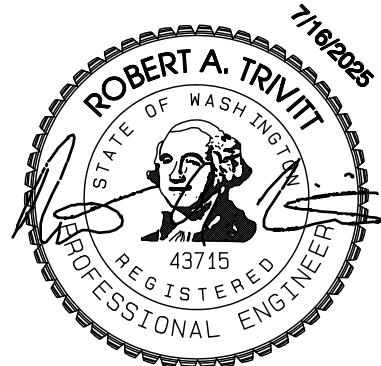
LEGEND

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
— G — G — G —	— G — G — G —	GAS LINE
— R / W —	— R / W —	RIGHT-OF-WAY LINE
— R / W —	— R / W —	STREETLIGHT
— R / W —	— R / W —	POWER POLE W/GUY ANCHOR
— R / W —	— R / W —	PROPERTY LINE
— R / W —	— R / W —	EDGE OF ASPHALT

SHEET INDEX

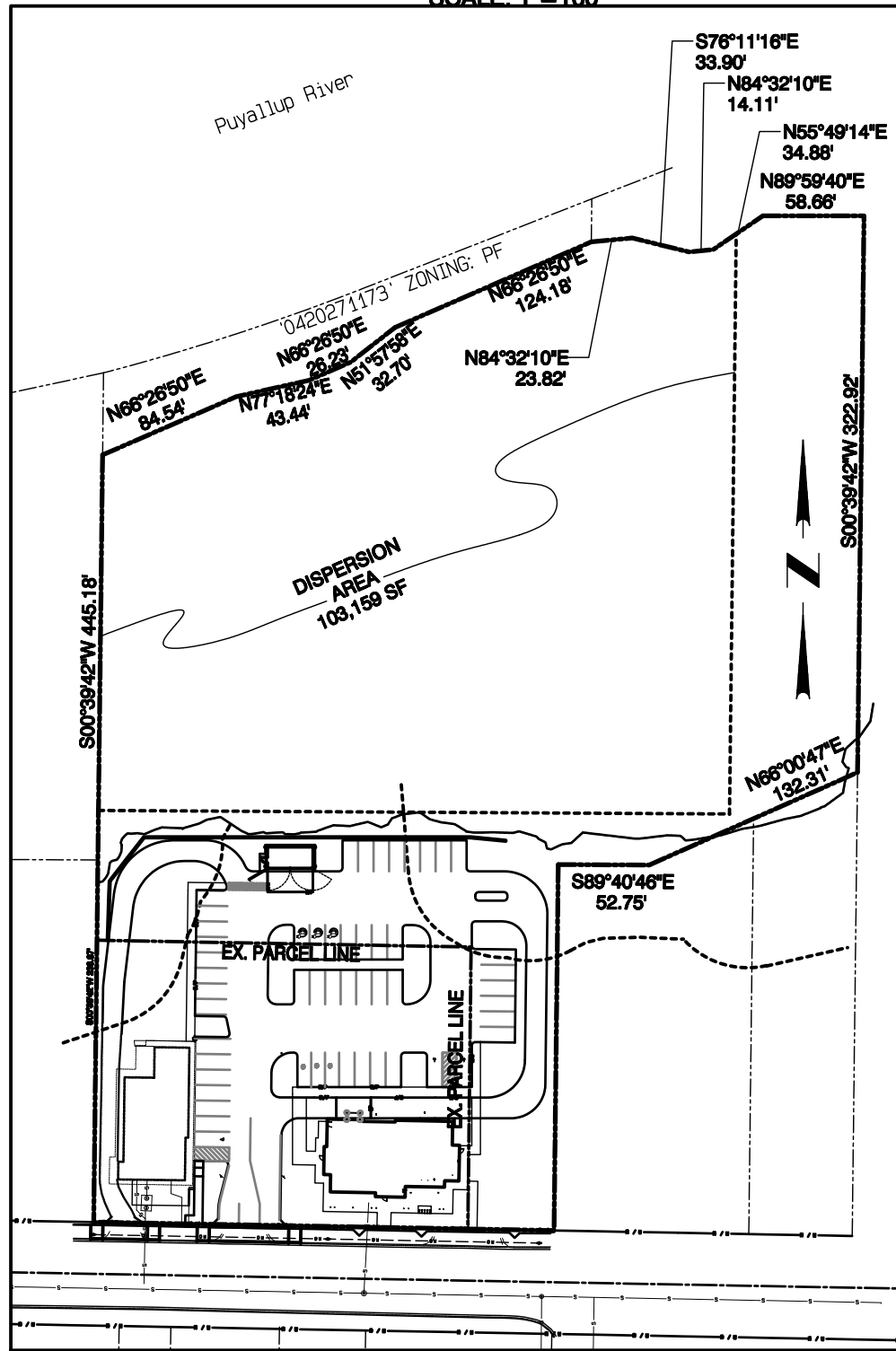
- C-1 Cover Sheet
- C-2 Horizontal Control/Channelization Plan & Dispersion Area Exhibit
- C-3 Existing Conditions & Demolition Plan
- C-4 TESC Plan
- C-5 TESC Notes & Details
- C-6 Grading Plan
- C-7 Site Plan
- C-8 Storm Plan
- C-9 Cross-Sections & Storm Profiles
- C-10 SS & Water Plan
- C-11 Details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

RECORD DRAWING CERTIFICATION
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AS OF THIS DATE: 6/6/25



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OR
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FULL SITE
SCALE: 1"=100'



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
GRADE 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.

ADD'L 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.

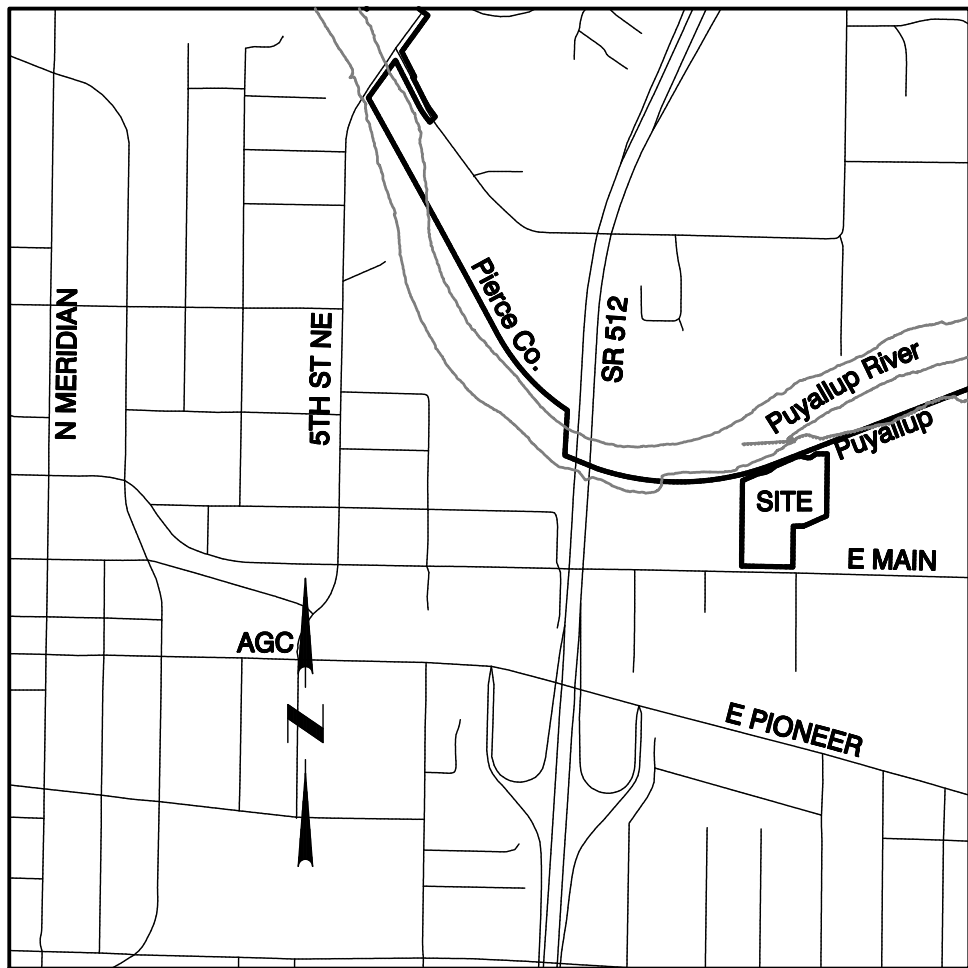
APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

NOTE:

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DAYS FROM APPROVAL DATE.
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ON THESE PLANS.
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SERVICES MANAGER.



SITE ADDRESS:
1115 E MAIN

PARCEL NUMBERS
7845100032, 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. 200305285004, 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

Cover Sheet

DRAWING

C-1

SHEET
OF 16

Taco Time

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3401 Lind Ave SW
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Phone 206.255.3633
Fax rtonkin@tacotimerw.com

AZURE GREEN
CONSULTANTS
+feasibility +engineering +surveying
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Taco Time

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

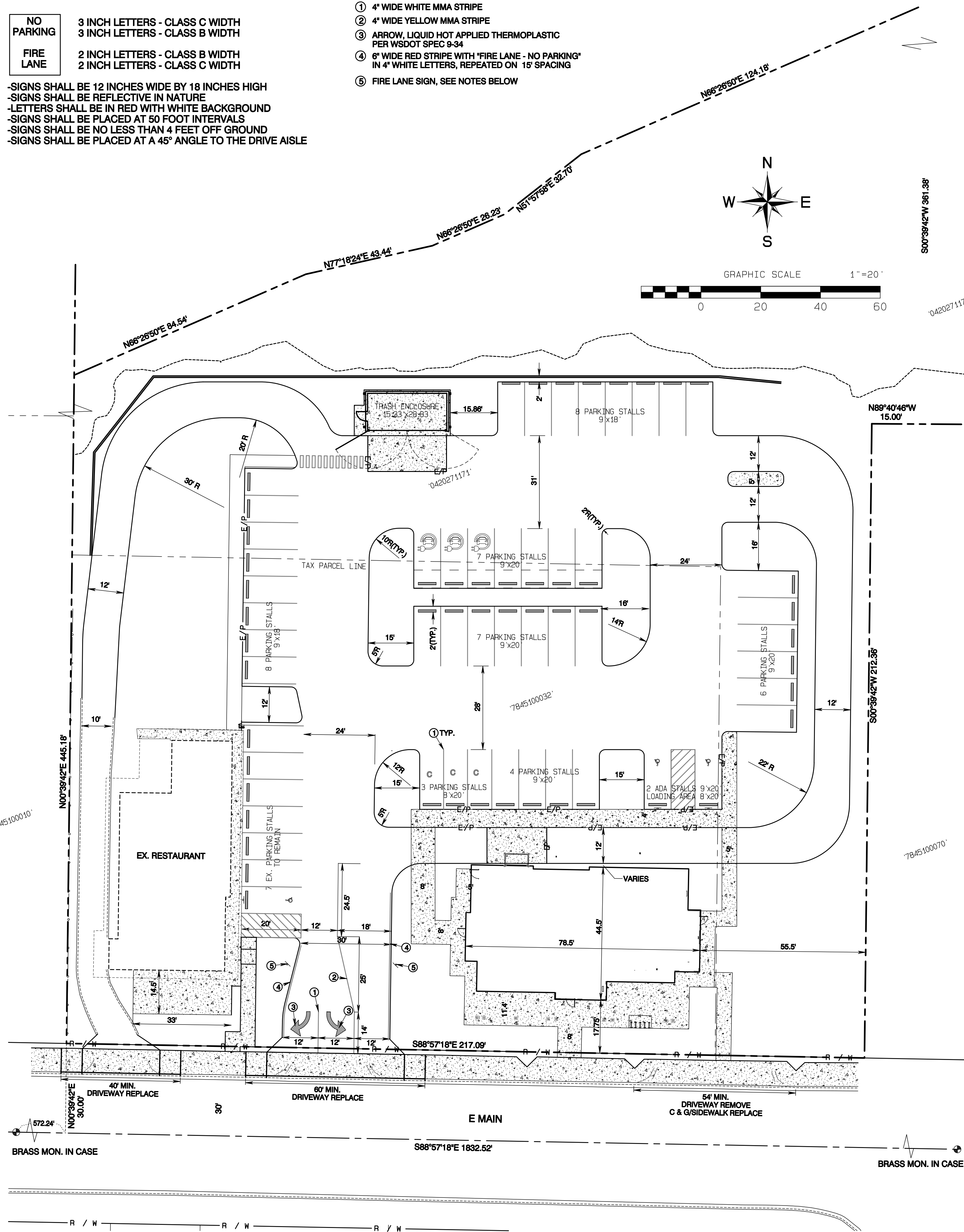
FIRE LANE SIGNS

NO PARKING	3 INCH LETTERS - CLASS C WIDTH 3 INCH LETTERS - CLASS B WIDTH
FIRE LANE	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

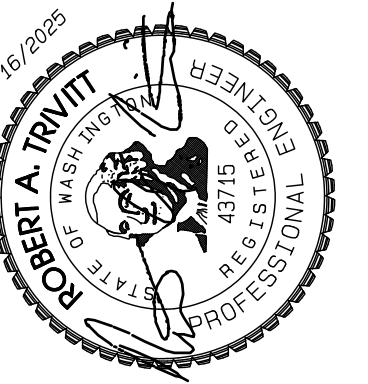
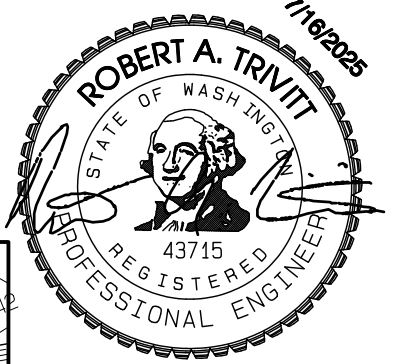
CHANNELIZATION CALLOUTS

- ① 4" WIDE WHITE MMA STRIPE
- ② 4" WIDE YELLOW MMA STRIPE
- ③ ARROW, LIQUID HOT APPLIED THERMOPLASTIC PER WSDOT SPEC 9-34
- 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



RECORD DRAWING CERTIFICATION

THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/8/25



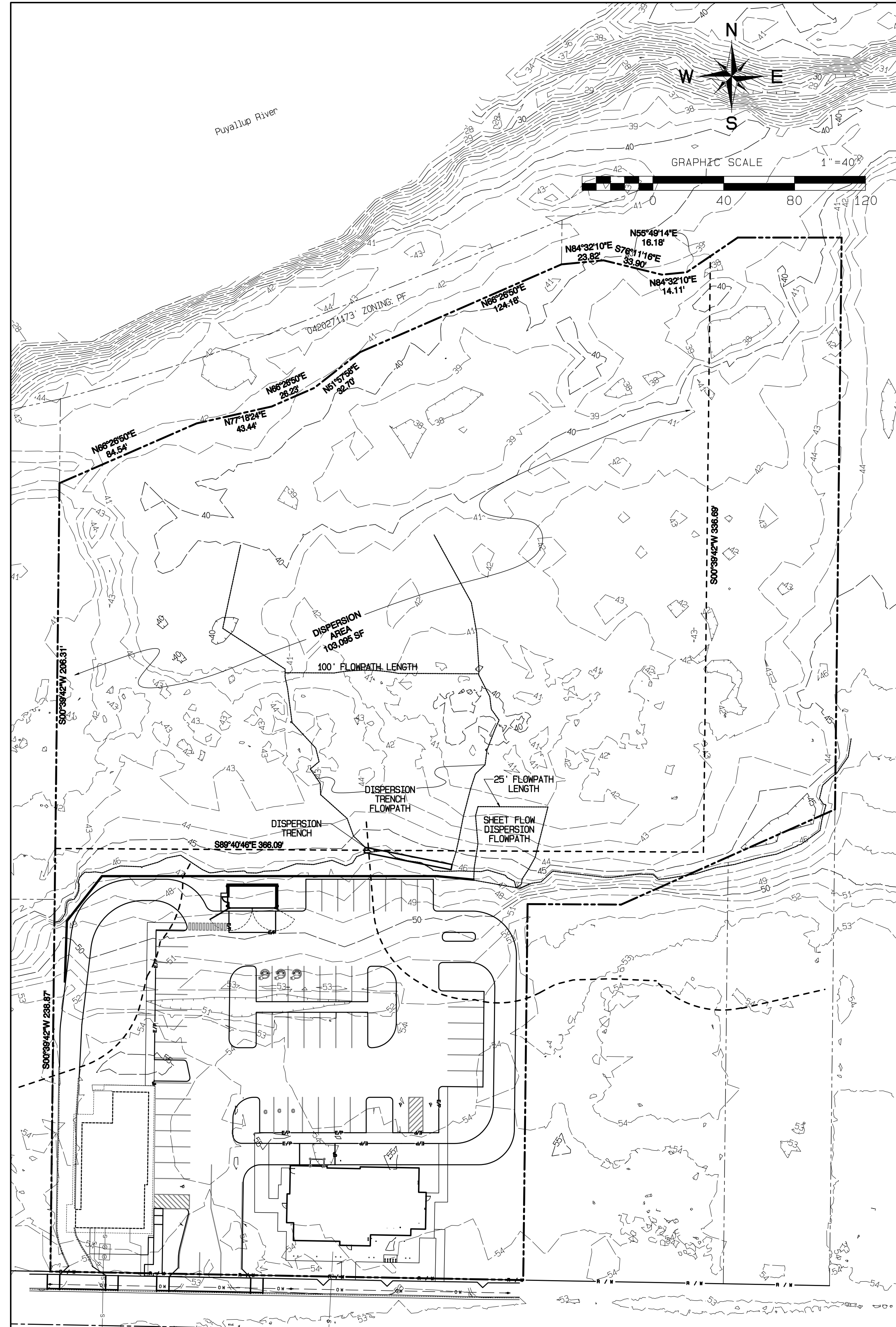
REVISION	DATE	BY	DESCRIPTION
1	1/15/24	Paul Green	Revised per City Review.
2	6/19/24	Paul Green	Revised per City Review, switch to permeable pavement.
3	6/19/24	Paul Green	Revised per City Review, switch to permeable pavement.
4	10/17/24	Paul Green	Revised to add to fire lane.
5	12/13/24	Paul Green	Add to tree protection, clarify top 2' update info, details. C-3, 4, 5, 6, C-13.
6	2/13/25	Paul Green	Revised site cells to structural soil. C-6, 7, 8, 9, 11.
7			
8			
9			
10			

JOB NO.	23035
DATE	JULY 14, 2023
DESIGNED BY	Paul Green
DRAWN BY	Paul Trivitt
CHECKED BY	Paul Green
APPROVED BY	Paul Green

AZURE GREEN
CONSULTANTS
+feasibility +planning +engineering +surveying
409 East Pioneer Suite A - Puyallup, WA 98372
phone 253.770.3144 fax 253.770.3142

Taco Time
Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.235.3683
Fax ronk@tacomtime.com

Horizontal Control/Channelization Plan & Dispersion Area Exhibit



APPROVED

BY: 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.

DRAWING

C-2

SHEET OF 2 16

Taco Time

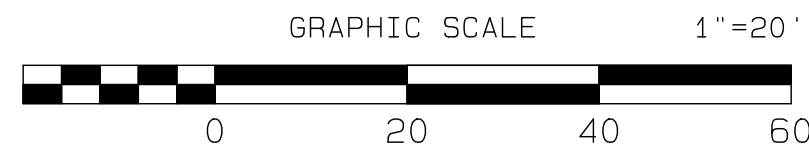
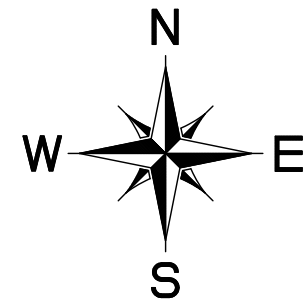
Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington

LEGEND

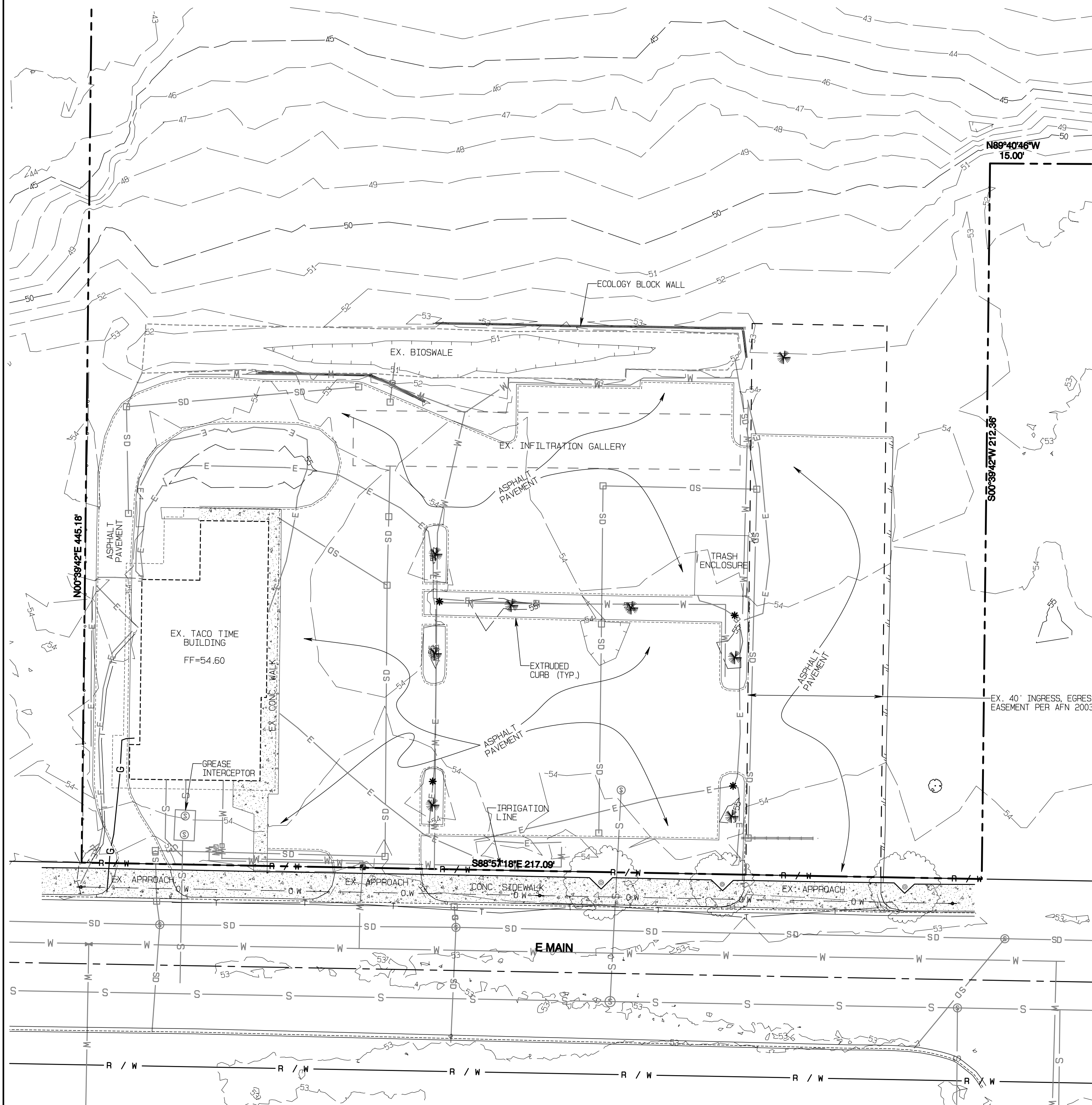
— F M — EX. 24" FORCE MAIN
— S — S — EX. SEWER LINE
— SD — EX. STORM LINE
— W — W — EX. CB
— W — W — EX. WATER LINE
— G — G — EX. FIRE HYDRANT
— G — G — EX. GAS LINE
— R / W — EX. RIGHT-OF-WAY LINE
— EX. EXTRUDED CURB
— EX. CURB & GUTTER
— EX. PLAIN EDGE OF ASPHALT

— T — T — EX. POWER BOXES
— X — X — EX. POWER POLE WITH GUY ANCHOR
— E — E — EX. PHONE LINE
— E — E — EX. U.G. POWER LINE
— X — X — GRADING LIMITS
— X — X — SILT 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. STREETTREE TO REMAIN

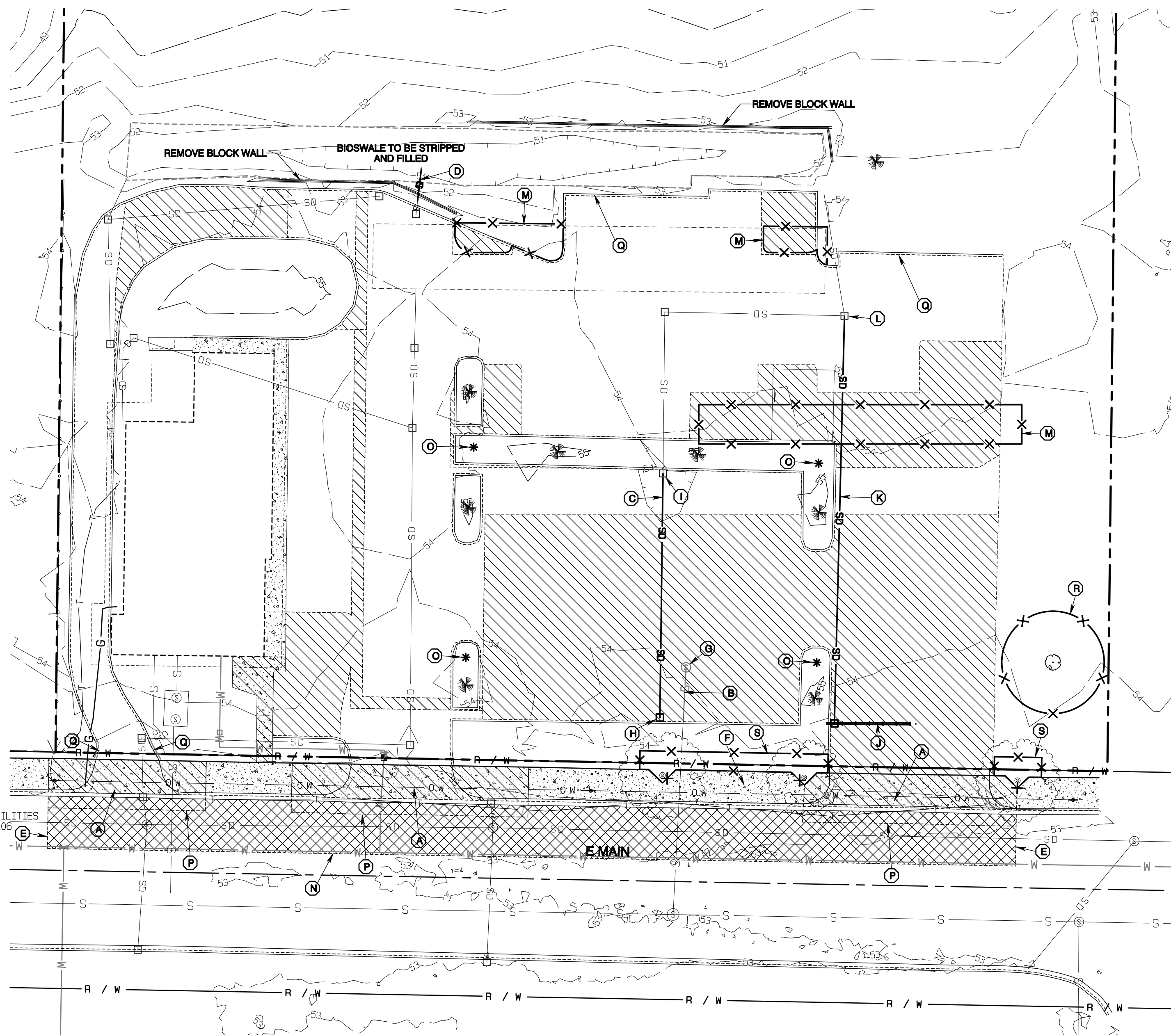
EX. TREE TABLE		
NO.	SPECIES	DBH
1	DOUG-FIR	32"
REMOVE		
2	FREEMAN MAPLE	17
3	FREEMAN MAPLE	19
4	FREEMAN MAPLE	17
5	FREEMAN MAPLE	17
6	FREEMAN MAPLE	16
7	FREEMAN MAPLE	15
8	FREEMAN MAPLE	22
9	BLACK LOCUST	15



EXISTING CONDITIONS



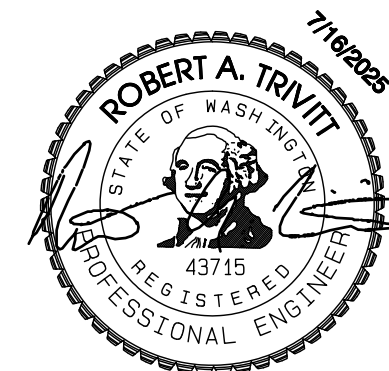
DEMO PLAN



DEMO KEY NOTES

- (A) REMOVE DRIVEWAY APPROACH
EXTEND REMOVAL TO FULL SIDEWALK
PANEL BOTH ENDS
- (B) REMOVE APPROX. 10LF 8\" SS PIPE
- (C) REMOVE 62LF OF STORM PIPE
- (D) REMOVE 8LF OF STORM PIPE
- (E) SAWCUT 2\" DEPTH FOR GRIND
- (F) REMOVE AND REPLACE FULL SIDEWALK
PANEL(S) AS NEEDED FOR WATER SERVICE
- (G) REMOVE SS MANHOLE
- (H) REMOVE CB
- (I) PLUG OPENING ON SOUTH SIDE OF CB
- (J) REMOVE TRENCH DRAIN
- (K) REMOVE 104LF OF STORM PIPE
- (L) PLUG OPENING ON SOUTH SIDE OF CB
- (M) INSTALL ORANGE CONSTRUCTION
FENCING AROUND EXISTING AND
PROPOSED INFILTRATION TRENCHES
TO LIMIT CONSTRUCTION VEHICLE
ACCESS
- (N) 2\" SAWCUT ON TWLT.LN FOR GRIND
- (O) EX. LIGHT TO BE REMOVED
- (P) SAWCUT & REMOVE PAVEMENT
PER CITY STD 01.02.10, SHEET C-13
- (Q) REMOVE EXTRUDED CURB
- (R) INSTALL ORANGE CONSTRUCTION
FENCING, 13\" RAD. AROUND EXISTING
FIR TREE. NO DISTURBANCE IN THIS
AREA.
- (S) INSTALL ORANGE CONSTRUCTION
FENCING, 13\" RAD. AROUND EXISTING
FIR TREE. NO DISTURBANCE IN THIS
AREA.
- =SAWCUT AND REMOVE PAVEMENT
OR SIDEWALK
- =SAWCUT AND 2\" GRIND FOR
PAVEMENT OVERLAY

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AS OF THIS DATE: 6/6/25



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

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

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Existing Conditions & Demolition Plan

Taco Time

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Fax ronk@tacotime.com

DRAWING

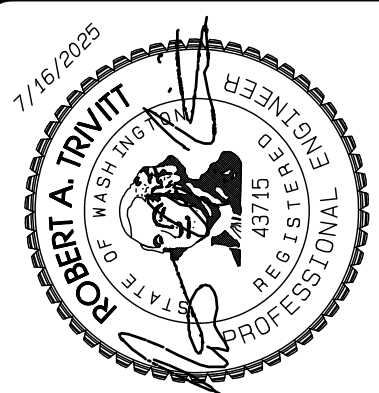
C-3

SHEET 3
OF 16

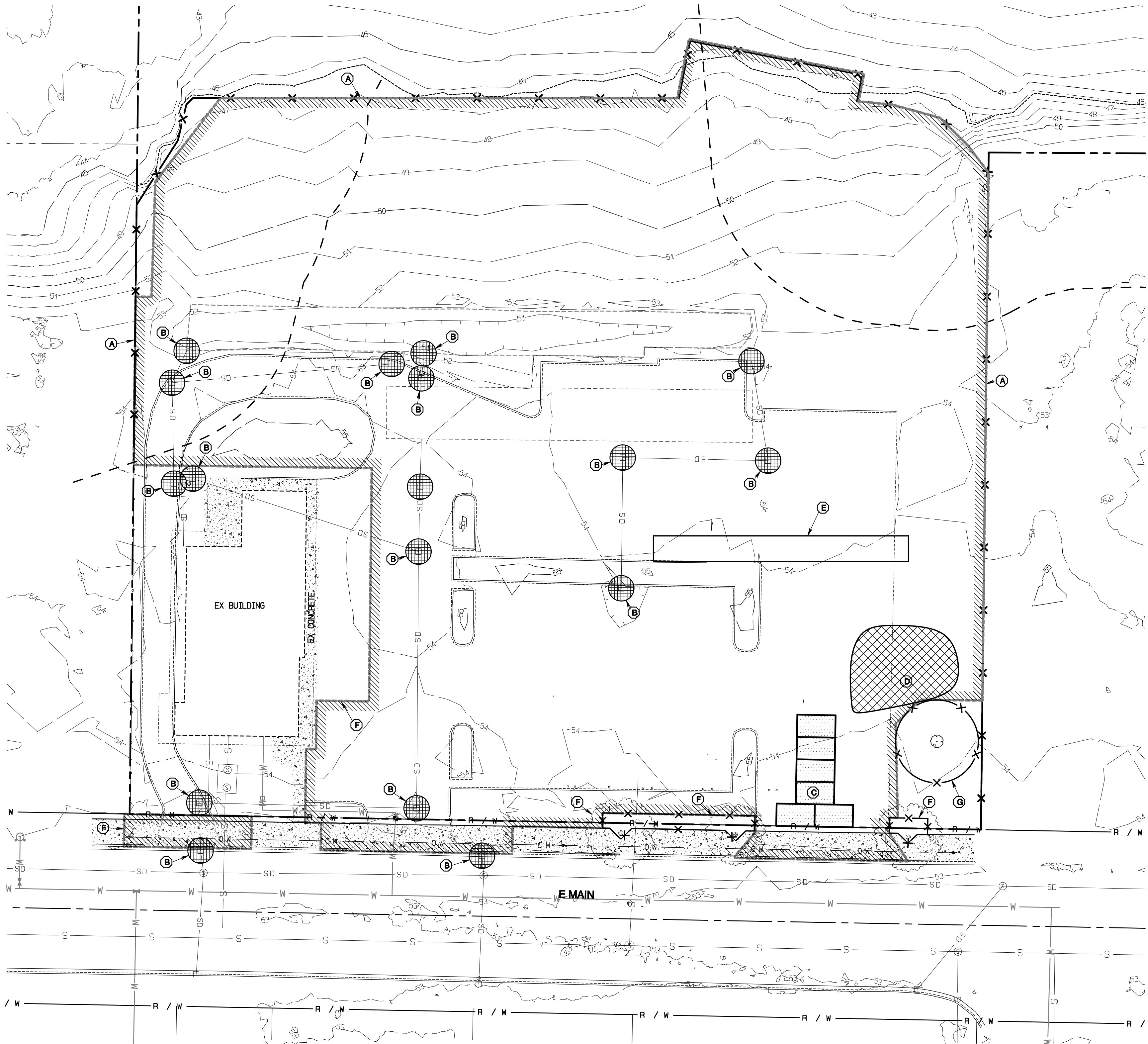
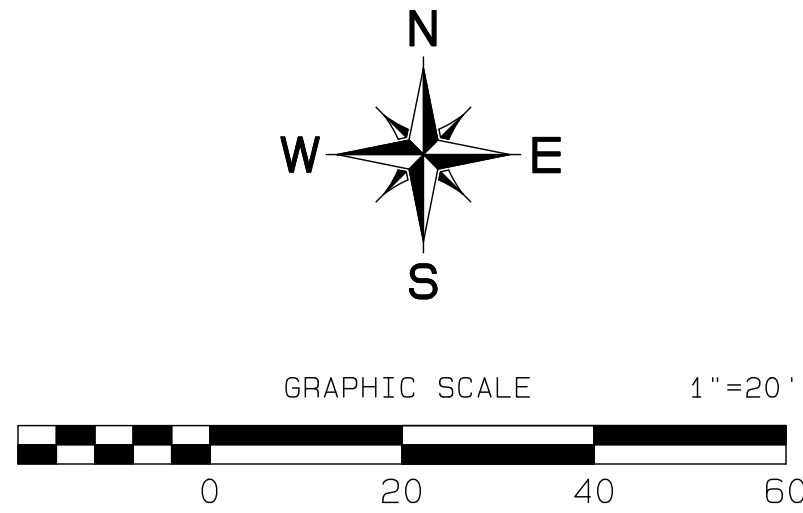


DESIGNED BY: Paul Green
DRAWN BY: Paul Trivitt
CHECKED BY: Paul Green
APPROVED BY: Paul Green

REVISION	DATE
1. Revised per City Review.	1/9/24
2. Revised per City Review.	6/19/24
3. Revised per City Review.	6/19/24
4. Revised to add infiltration.	10/11/24
5. Add to tree protection. Clarify top 2' update infiltration details. C-3, 4, 5, 6, C-13.	12/3/24
6. Revised Slope cells to structural soil. C-6, 7, 8, 9, 11.	2/13/25
7.	
8.	
9.	
10.	



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



ESC KEY NOTES

- (A) INSTALL SILT FENCE PER STD 02.03.02, 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. 6' BEYOND EX. STREET TREES. NO DISTURBANCE IN THIS AREA.
- (G) INSTALL ORANGE CONSTRUCTION FENCING, 12' RAD.
AROUND EXISTING FIR TREE. NO DISTURBANCE IN THIS AREA.

===== CLEARING LIMITS/PROJECT LIMITS

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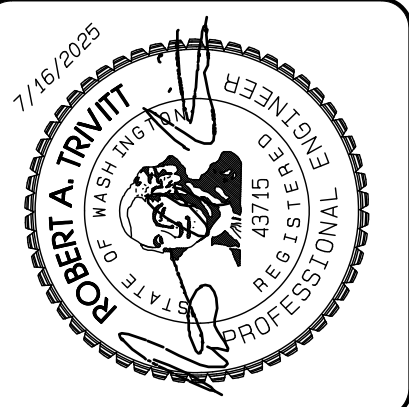
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REVISION	DATE
1 Revised per City Review.	1/9/24
2 Revised per City Review. Switch to permeable pavement.	6/19/24
3 Revised per City Review. Add to top protection.	7/11/24
4 Revised to add to top protection.	10/11/24
5 Add to top protection. Clarify top 2. Update infiltration details. C-3, 4, 5, 6, C-13.	12/3/24
6 Revised Site cells to structural soil. C-6, 7, 8, 6, 11.	2/13/25
7	
8	
9	
10	

DATE: JULY 14, 2023
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Paul Green
APPROVED BY: Paul Green

AZURE GREEN
CONSULTANTS

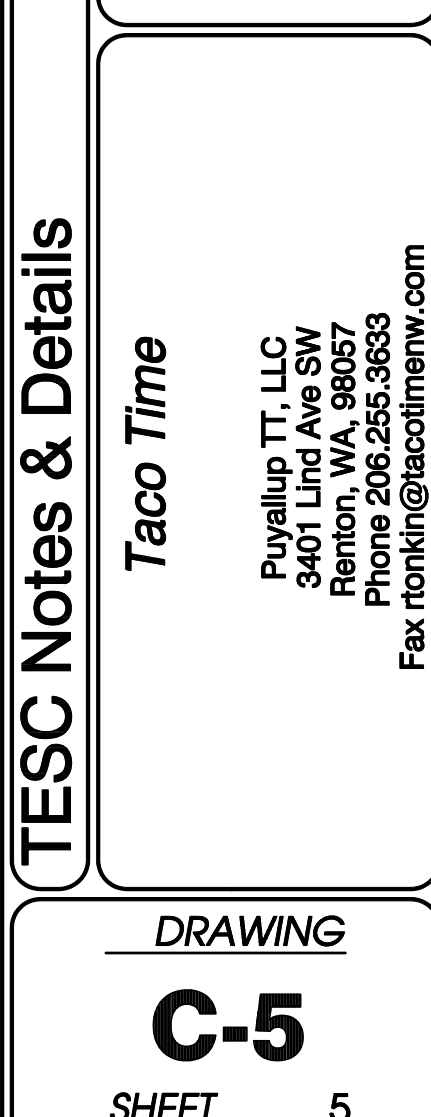
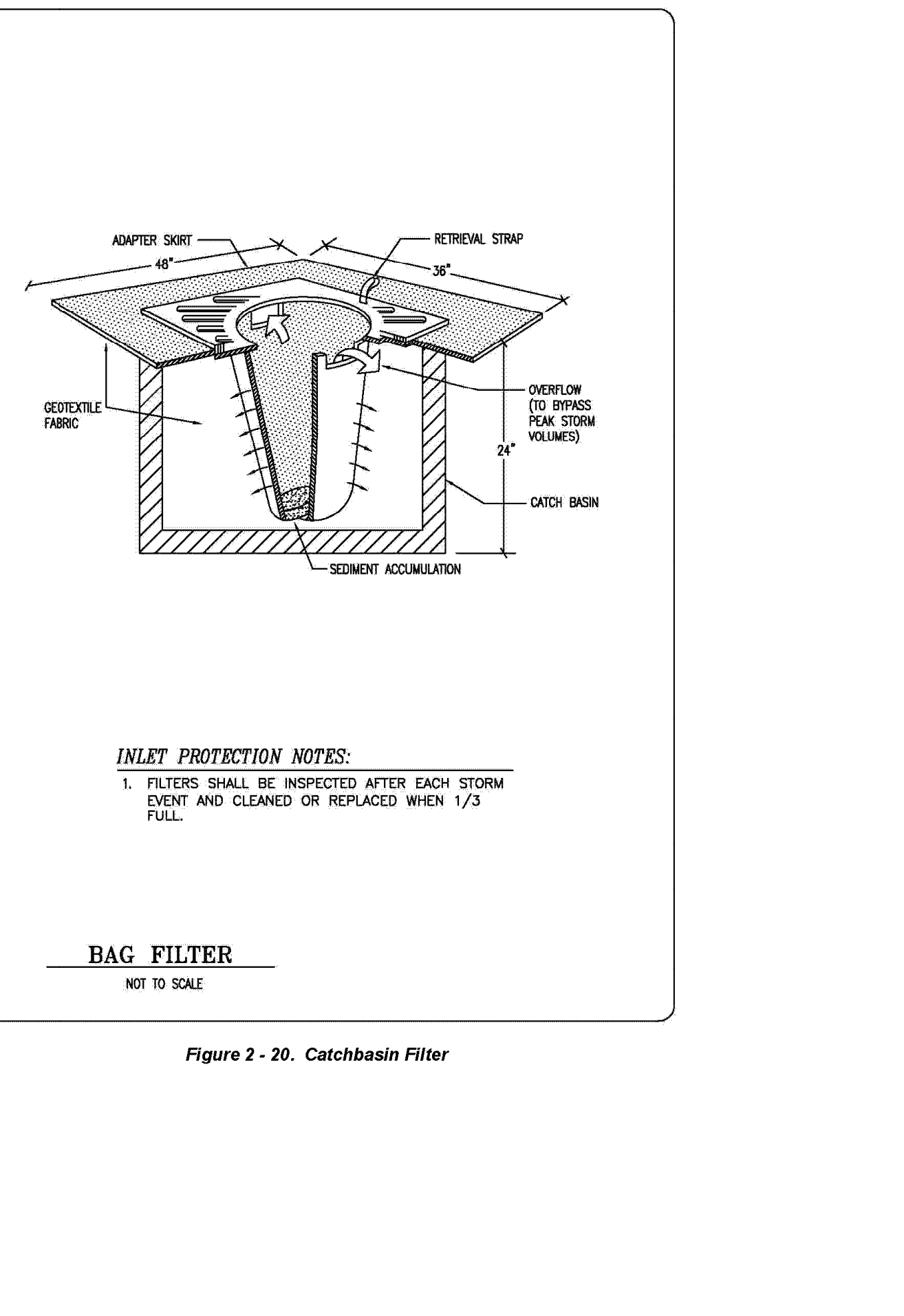
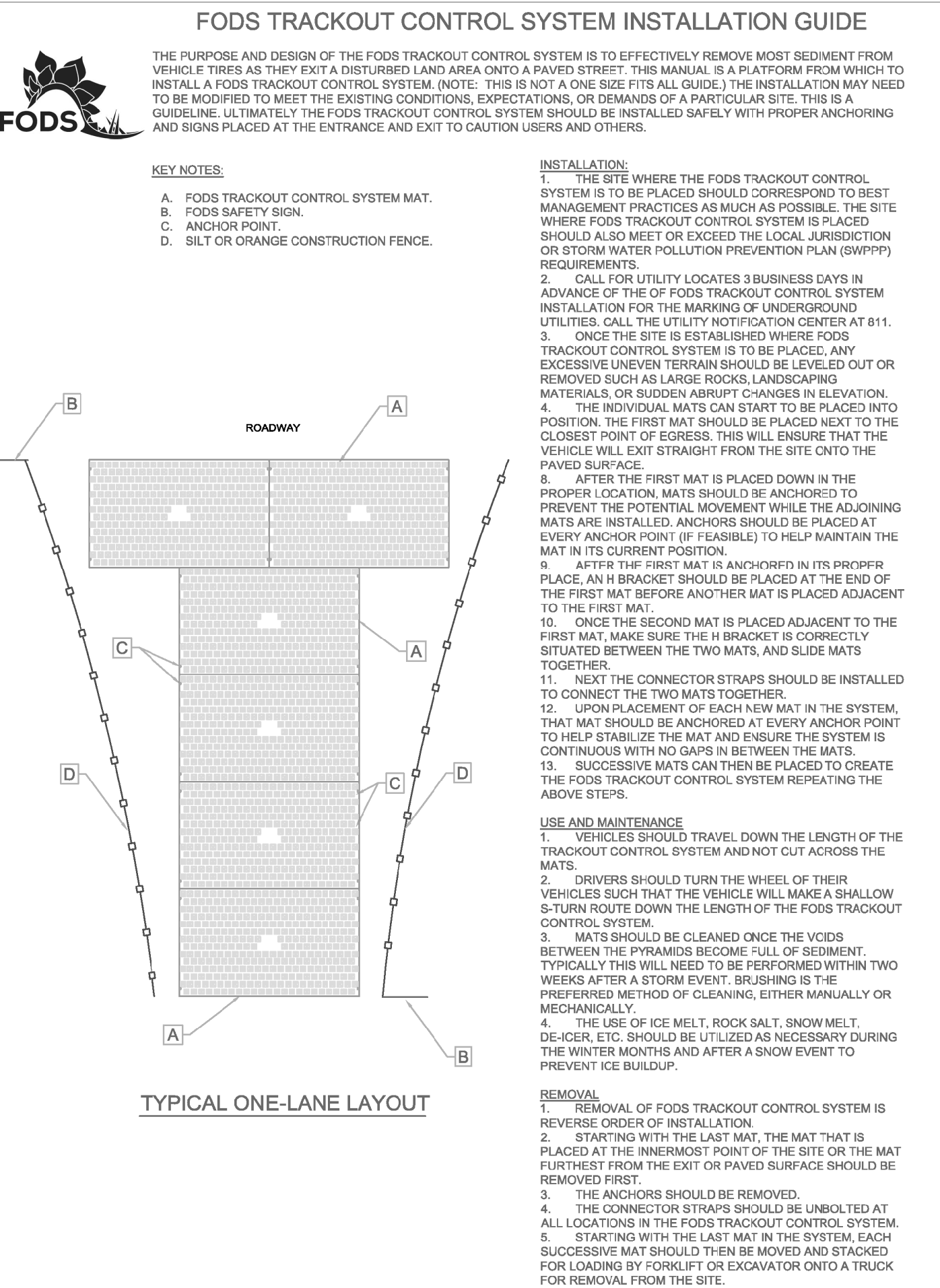
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DRAWING
C-4
SHEET 4
OF 16

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

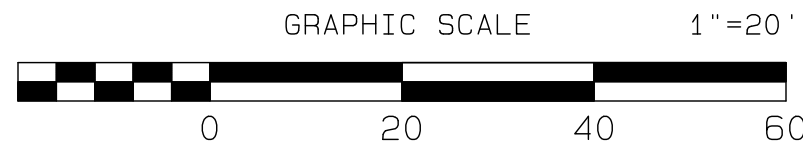
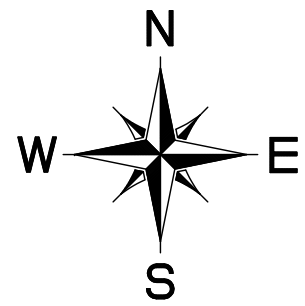


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Fax rtonkin@tacotimenw.com

1

Taco Time

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



- FILL NOTES:**
1. UNLESS OTHERWISE SHOWN ON DETAILS WITHIN THESE PLANS, ALL FILL PLACED UNDER PROPOSED BUILDINGS OR PAVED AREAS WILL BE CONSIDERED STRUCTURAL FILL.
 2. 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.
 3. 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.
 4. PRIOR TO PLACEMENT OF ANY FILL FOR THIS PROJECT, VEGETATION SHALL BE STRIPPED.

- CUT/FILL NOTES:**
1. TYPICAL MAXIMUM CUT AND FILL SLOPES ARE 2:1.
 2. TEMPORARY CUT SLOPES LESS THAN 4 FEET TALL MAY BE STEEPER THAN 2:1.
 3. 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

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800-424-5555

APPROVED

BY: _____ 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.

Grading Plan

Taco Time

Puyallup T.T. LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.235.3683
Fax ron@taco.com

DRAWING

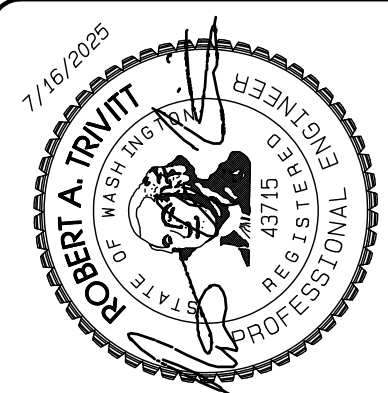
C-6

SHEET 6
OF 16

AZURE GREEN
CONSULTANTS
+feasibility +planning +engineering +surveying
409 East Pioneer, Suite A - Puyallup, WA 98372
phone 253.770.3144 fax 253.770.3142

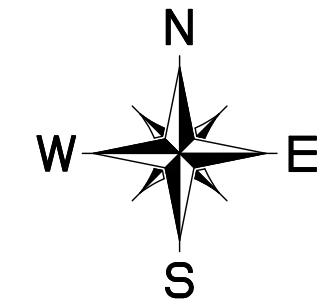
JOB NO. 23025
DATE: JULY 14, 2023
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Paul Green
APPROVED BY: Paul Green

REVISION	DATE	DESCRIPTION
1	7/16/2025	REVISED PER CITY REVIEW.
2	6/19/24	REVISED PER CITY REVIEW. SWITCH TO PERMEABLE PAVEMENT.
3	6/19/24	REVISED PER CITY REVIEW. SWITCH TO PERMEABLE PAVEMENT.
4	10/17/24	REVISED TO ADD RETAINING WALL.
5	12/3/24	ADD TO TREE PROTECTION CLIP. PAGE 2. UPDATE UTIL. DETAILS. C-3, 4, 5, 6, C-13.
6	2/13/25	REVISED SHADE CELLS TO STRUCTURAL SOIL. C-6, 7, 8, 9, 11.
7		
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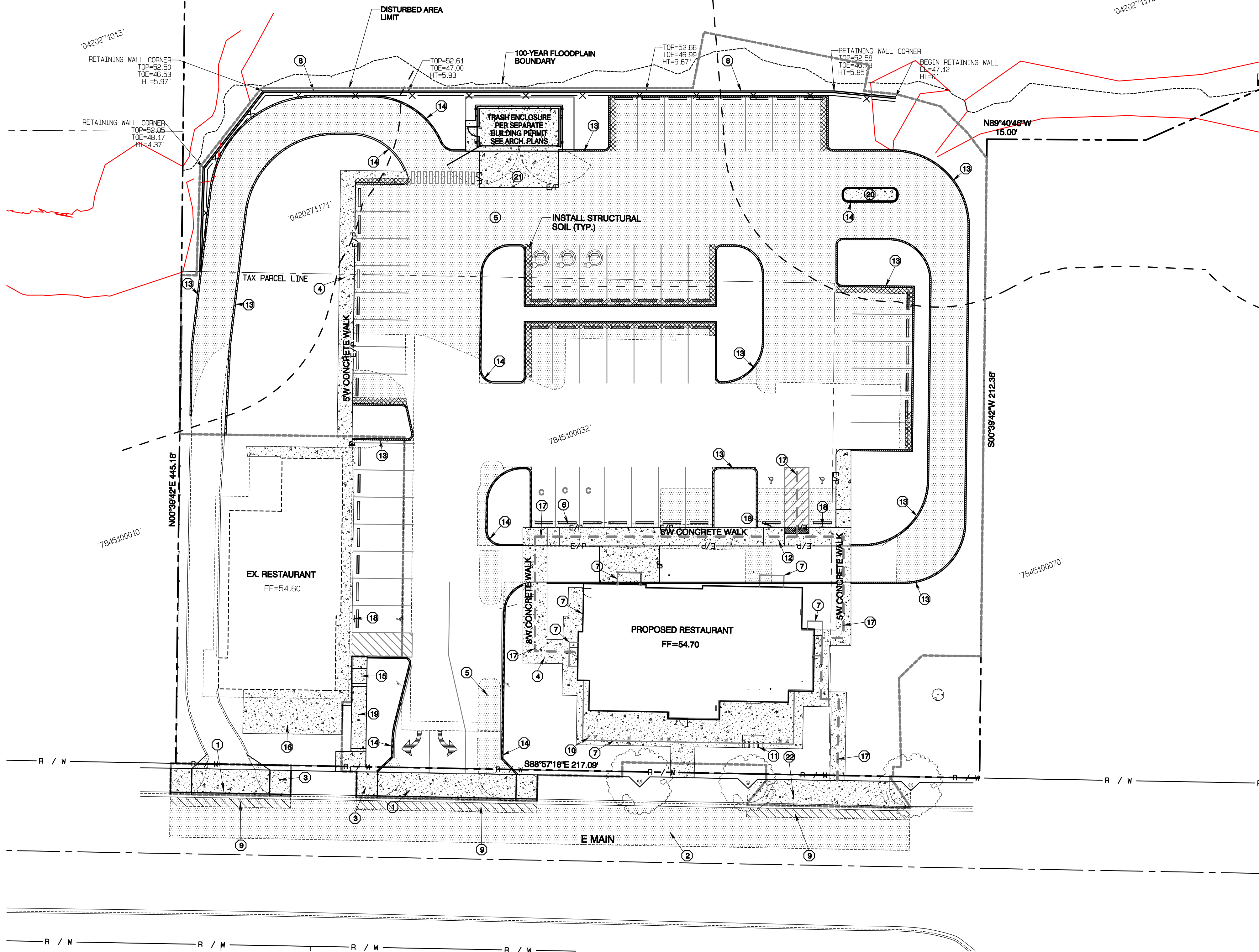


Taco Time

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



GRAPHIC SCALE 1" = 20'
0 20 40 60



KEY NOTES

- 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 SECTION
- 6 WHEELSTOP (TYP.) SEE SHEET C-13
- 7 ROOF OVERHANG
- 8 CONCRETE BLOCK RETAINING WALL, SEE SHEET C-9 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 FAIRWEATHER BR-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, 14.5'x33'
- 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

RECORD DRAWING CERTIFICATION
THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/8/25



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

APPROVED
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE:
NOTE:
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Site Plan

Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.235.3683
Fax ronk@tacomtime.com

DRAWING

C-7

SHEET 7
OF 16

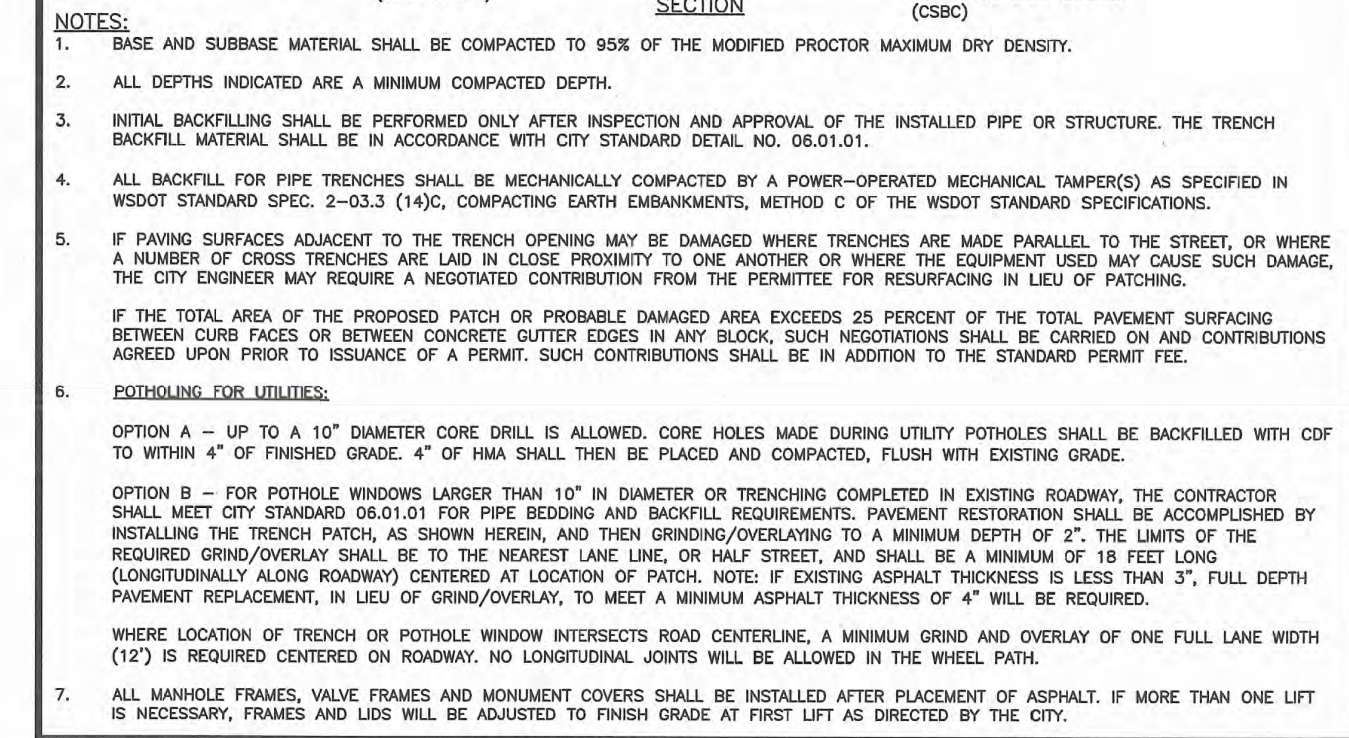
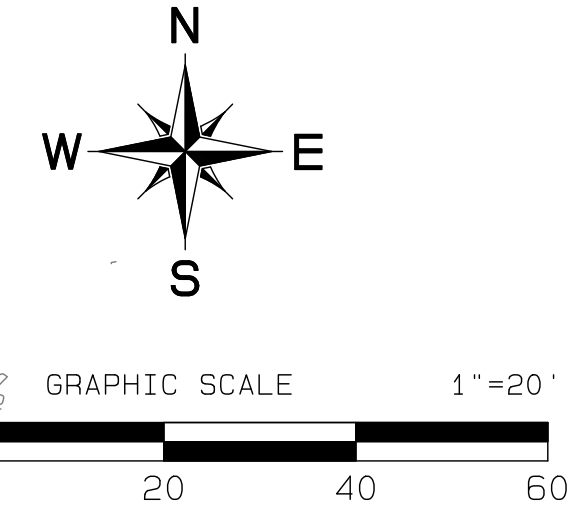
AZURE GREEN
CONSULTANTS
+feasibility +planning +engineering +surveying
409 East Pioneer, Suite A - Puyallup, WA 98372
phone 253.770.3144 fax 253.770.3142

JOB NO. 2305
DATE: JULY 14, 2023
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Paul Green
APPROVED BY: Paul Green

REVISION	DATE
1 Revised per City Review.	1/9/24
2 Revised per City Review. Switch to permeable pavement.	6/19/24
3 Revised to add to sidewalk.	10/17/24
4 Revised to add to sidewalk.	12/2/24
5 Add to tree protection. Clarify type 2. Update utility details. C-3, 4, 5, 10, C-13.	2/13/25
6 Revised. Show cells to structural soil. C-6, 7, 8, 11.	
7	
8	
9	
10	



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



(CB 4) CB A TYPE 1
W/SOLID LD
RIM=56.96 54.46
I.E. 8° E=60.62F 50.26

(CB 5) CB B TYPE 1
W/SOLID LD
RIM=64.62 55.71
I.E. 8° W,S=58.62F 50.26

(C) SED CONTROL TYPE 1
SEE CITY STD 02.05.02, SHEET C-12
RIM=64.77 55.49
I.E. 8° N,W=60.76F 50.74

(TRENCH JB) TRENCH JB TYPE 1L
W/SOLID LD
RIM=46.00 46.06
I.E. 12° SW=43.66- 43.56
I.E. 8° NW,SE=40.59F 43.56

(SDMH 1-1) SDMH 1-1 48"
W/SOLID LD
RIM=56.96 52.48
I.E. 12° NE,S=40.94° E=43.38 S=43.43

(CB 1-2) CB 1-2 TYPE 1
W/DUAL VANED GRATE
RIM=56.24 51.89
I.E. 12° N,W=47.80- N=47.54, W=47.59

(CB 1-3) CB 1-3 TYPE 1
W/DUAL VANED GRATE
RIM=51.96 51.94
I.E. 12° E,W=47.70- E=47.89
I.E. 4° E,W=48.46- 4° W=47.99
4° N=48.59

(CB 1-4) CB 1-4 TYPE 1
W/DUAL VANED GRATE
RIM=56.96 51.88
I.E. 12° E=46.12 8° E=48.38

(SFCB 2-1) SFCB 2-1
2-CARTIDGE STORMFILL CB
SEE DETAIL SHEET C-13
CUT EXISTING 12" AND CONNECT
RIM=56.84 53.71
I.E. 12° S,N=50.26 S=N=50.21
S=50.26

(CB 2-2) CB 2-2 TYPE 1
W/DUAL VANED GRATE
RIM=56.76 53.82
I.E. 12° S,E,W=50.64F 50.22

(CB 2-3) CB 2-3 TYPE 1
W/SOLID LD
CUT AND CONNECT TO EX. 8"
RIM=60.67 53.60
I.E. 12° W=61.46 50.96
I.E. EX. 8° S=61.46 51.45

(CB 2-4) CB 2-4 TYPE 1
W/DUAL VANED GRATE
CONNECT TO EX. 8"
RIM=60.24 53.17
I.E. 12° E=61.07 51.07
I.E. EX. 8° S=61.40F 51.52

(C.O. 1) C.O. 1
RIM=56.96 52.58
1-4" 90° BEND
I.E.=48.59

(B)	25L 8" PVC SDR-35 S=1.06%	2.02%
(D)	32L 8" PVC SDR-35 S=0.61%	0.53%
(G)	21L 12" DI S=0.67%	0.86%
(H)	25L 12" CPEP S=16.18%	16.78%
(I)	35L 12" CPEP S=0.62%	1.15%
(J)	41L 12" DI S=0.65%	0.50%
(K)	103L 12" DI S=0.79%	0.72%
(L)	74L 12" DI S=1.06%	1.12%
(N)	67L 4" CPEP S=0.51%	0.59%
(O)	44L 4" CPEP S=1.0%	28L
(P)	27L 4" CPEP S=1.9%	

(A) ROOF DOWNSPOUT INFILTRATION TRENCH
SEE DETAIL SHEET C-12
8"X12"X20
80/LF 8" PER/F. PVC SDR-35
BOTTOM ELEV=49.60

(E) 50/LF DISPERSION TRENCH
GRADE BOARD ELEV=47.00
SEE DETAIL SHEET C-13

(F) CONNECT TO BUILDING ROOF DRAIN

(M) INSPECTION PORT PER CITY STD. 02.01.10, SHEET C-12
RIM=55.20

BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: _____

NOTE:

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CHANGES TO THESE PLANS AS
DETERMINED BY THE ENGINEERING
SERVICES MANAGER.

REVISION	DATE
1 Reissued per City review.	1/9/24
2 Reissued per City review. Switched to <i>improvable</i> movement.	1/9/24
3 Reissued per City review.	9/11/24
4 Reissued to full 4th iteration.	10/31/24
5 Add to City perspective. Clarify 1996 2nd update per 1981, 1981b, 1981c, 4, 8, 12.	11/21/24
6 Reissue with changes to perspective per 1981, 1981c, 7, 8, 11.	12/1/24
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 fax: 253.770.3142

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

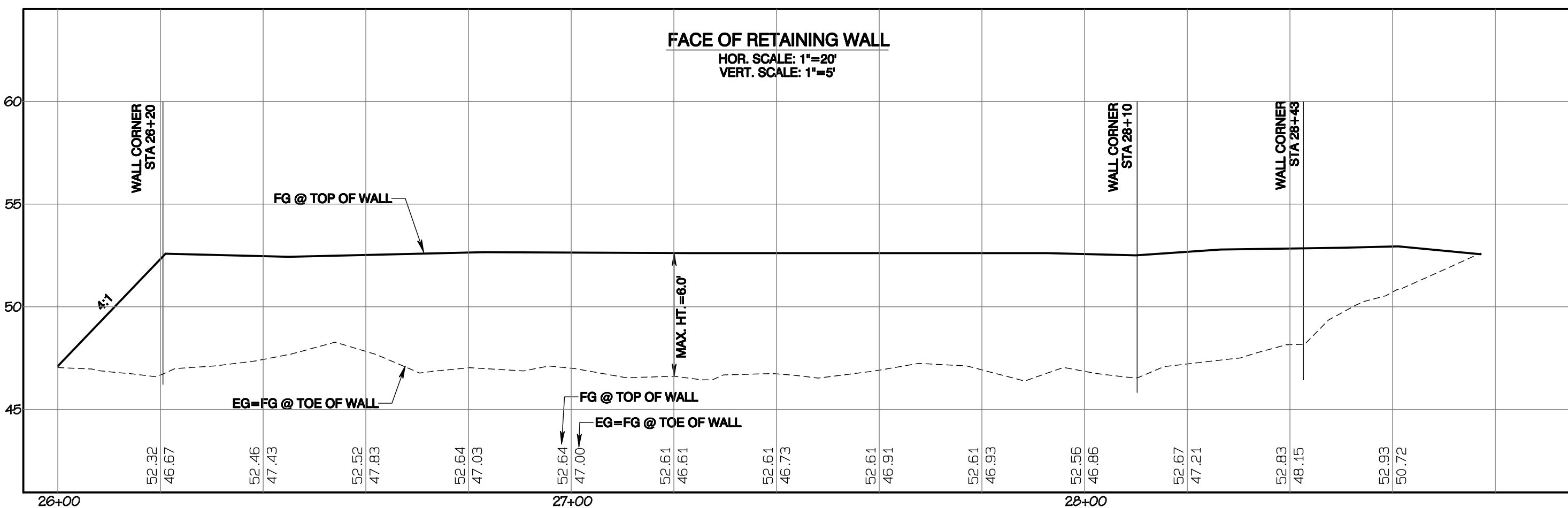
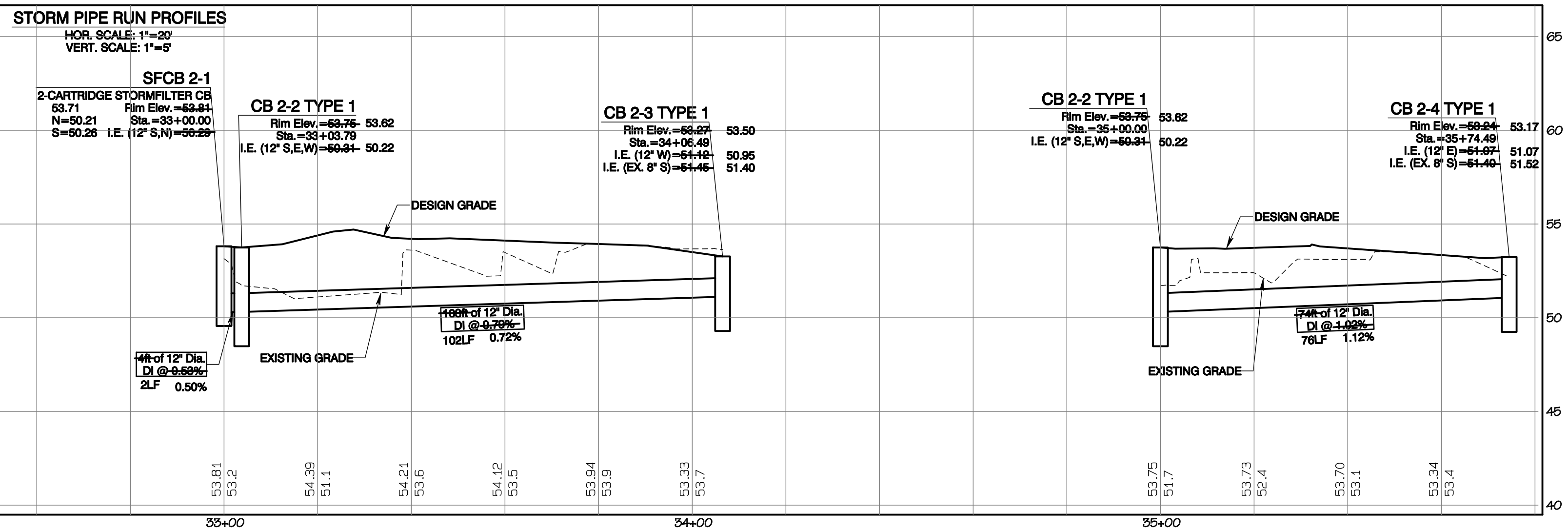
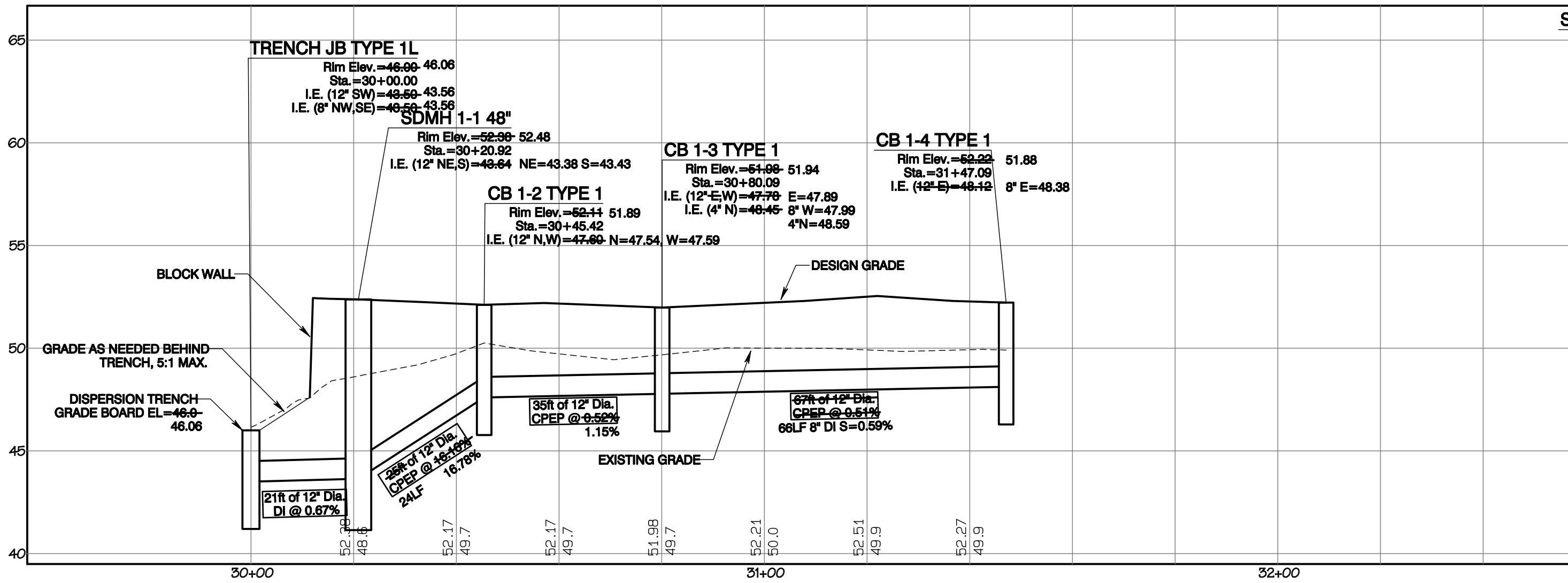
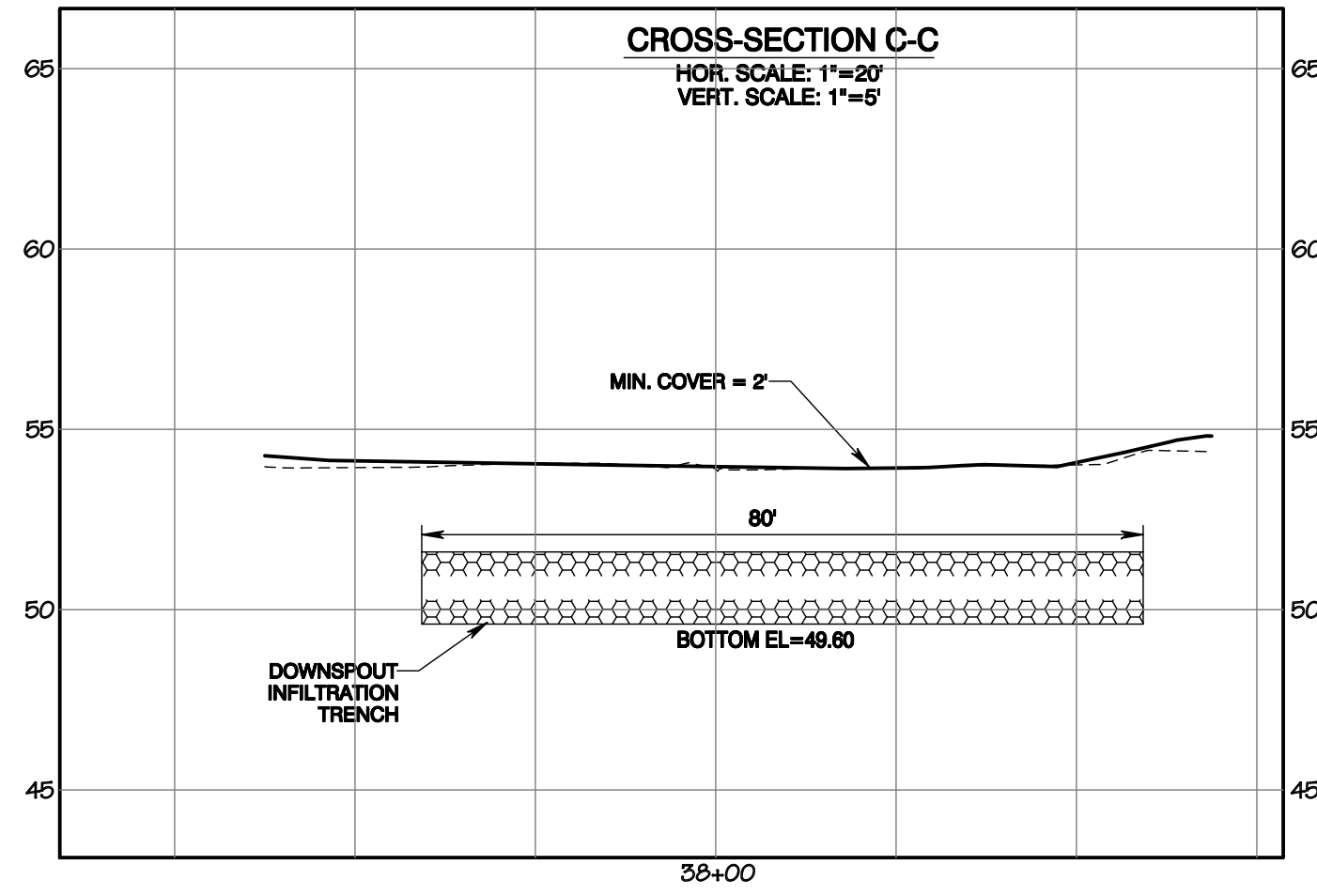
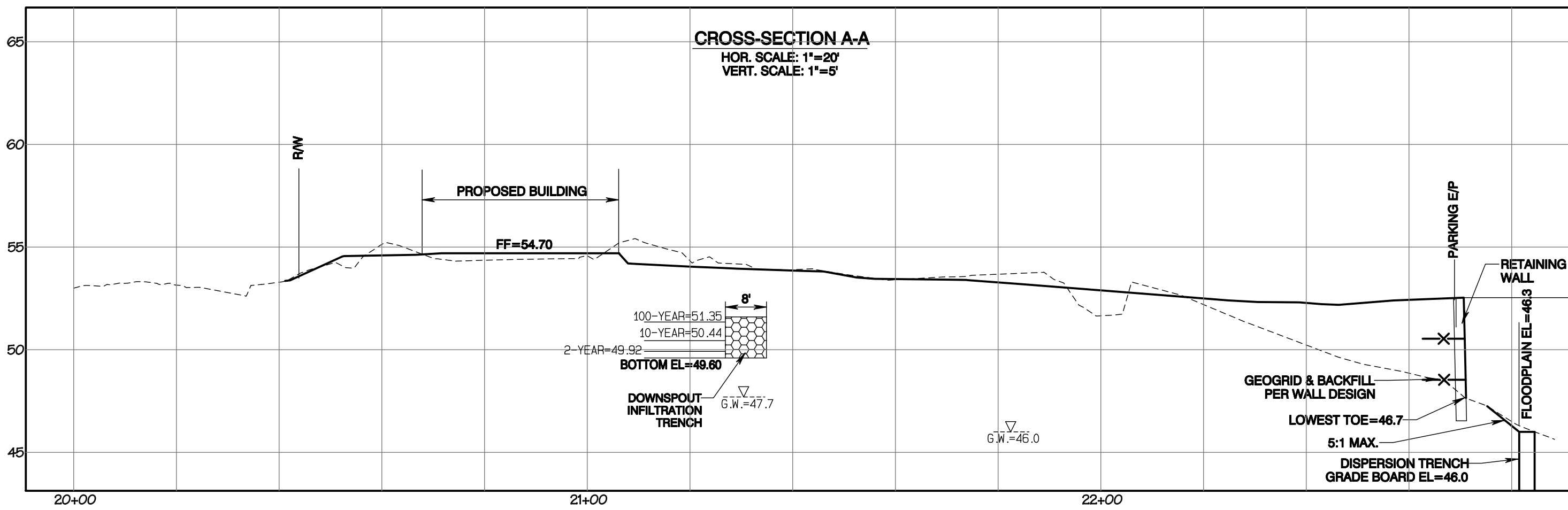
C-8

<i>SHEET</i>	8
<i>OF</i>	16

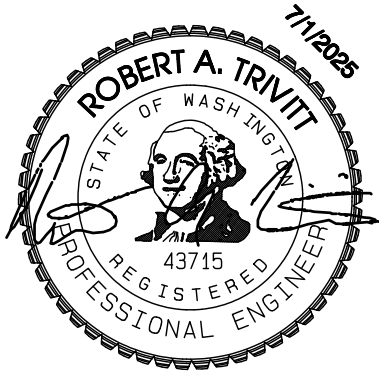
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Path: F:\urban\3935 - Taco Time\TacoTime.dwg
Date: 7/1/2025 5:44:33AM

Taco Time

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



RECORD DRAWING CERTIFICATION
THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/8/25



APPROVED

BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: _____

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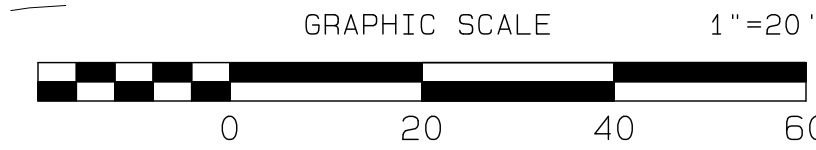
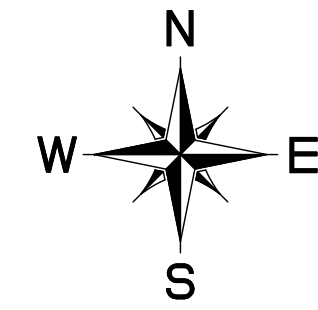
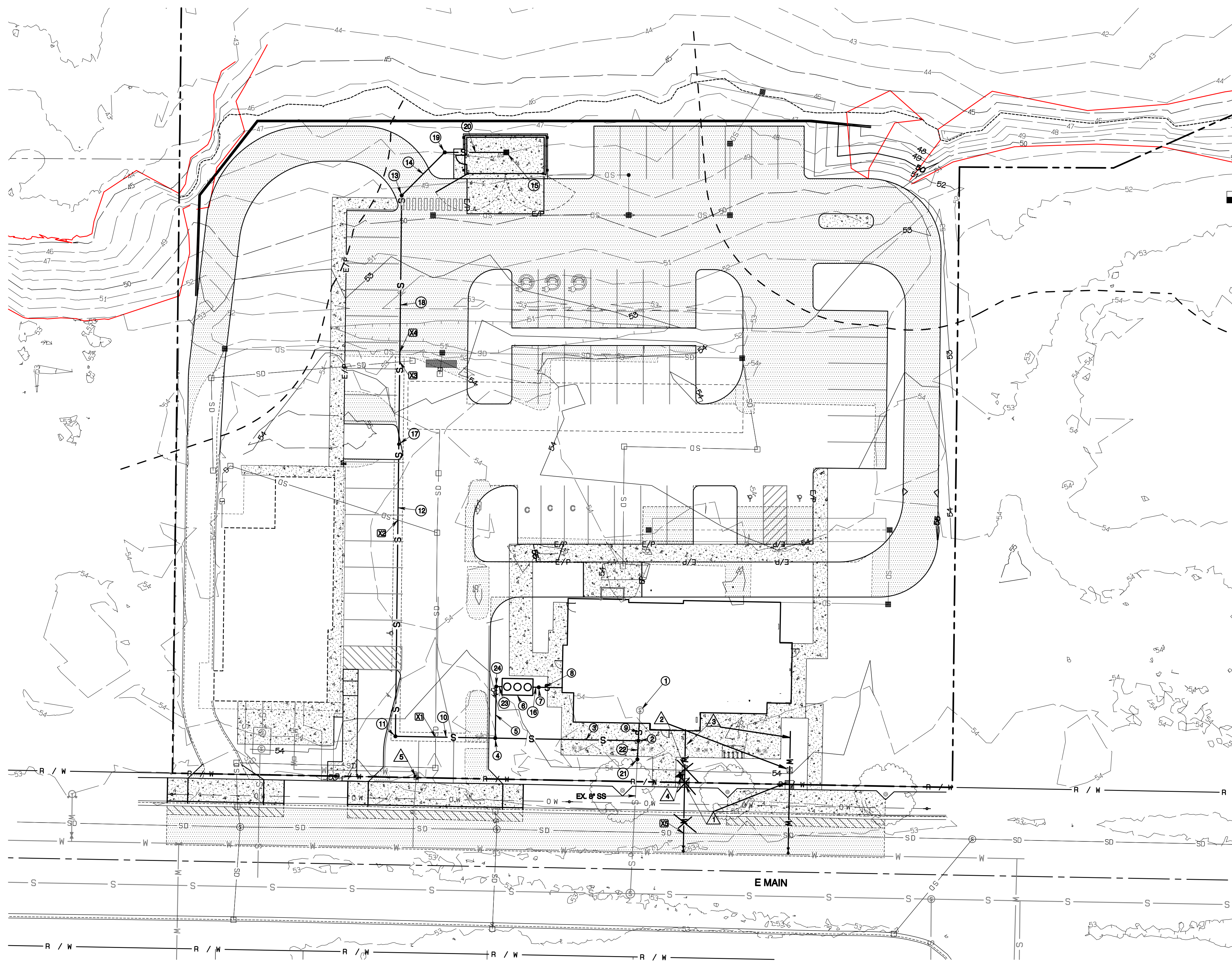
Cross-Sections & Storm Profiles

Taco Time
Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA, 98057
Phone 206.235.3633
Fax ronk@tacomtime.com

DRAWING
C-9
SHEET 9
OF 16

Taco Time

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



KEY NOTES

1. REMOVE EX. MANHOLE AND 10LF EX. 8" PIPE
2. 1-6" TEE
1-C.O.
RIM=54.64 54.70
I.E.=44.12
3. 48LF 6" PVC SDR-35 S=4.9%
4. 1-6" TEE
1-C.O.
RIM=52.66
I.E.=46.50
5. 18LF 6" SDR-35=21%
PVC SDR-35
6. GREASE INTERCEPTOR
1,500 GAL
SEE DETAIL SHEET C-15
7. 1-C.O. SHIFTED TO 2' FROM BUILDING
RIM=54.54 54.74
I.E.=50.64

8. 1-6" 90° BEND
1-C.O.
RIM=52.67 52.26
I.E.=46.85
9. 100LF 6" PVC SDR-35 S=1.0%
10. 1-6" 45° BEND
1-C.O.
RIM=52.50
I.E.=48.71
11. 21LF 6" PVC SDR-35 S=1.0%
12. TRASH ENCLOSURE
SUMP STRUCTURE
SEE DETAIL SHEET C-13
RIM=52.66 52.39
I.E.=46.10 49.09

13. 2LF 6" DI S=2.0% + 6x4 REDUCER + 45° BEND
14. 1-C.O.
RIM=54.16 54.75
I.E.=47.85
15. 85LF 6" PVC SDR-35 S=1.0%
16. 1-6" 45° BEND
1-C.O.
RIM=52.54 52.47
I.E.=48.92
17. 21LF 6" PVC SDR-35 S=1.0%
18. CONNECT TO EX. 8"
19. 1-SAMPLING TEE
1-8x6 REDUCER
RIM=54.46
I.E.=44.03

20. REPLACE 6 LF EX. 8" WITH 6" PVC SDR-35
21. 2LF 6" SDR-35=2.0%
PVC SDR-35
22. 1-6" 90° BEND
1-C.O.
RIM=54.66 54.63
I.E.=50.59

CROSSINGS

1. BOTTOM 6" SD=51.25
TOP 6" SS = 47.25
CLEARANCE = 4.00'
2. BOTTOM 6" SD=51.78
TOP 6" SS = 48.13
CLEARANCE = 3.65'
3. BOTTOM 6" SD=51.78
TOP 6" SS = 48.68
CLEARANCE = 3.10'
4. BOTTOM 12" SD=50.42
TOP 6" SS = 48.71
CLEARANCE = 1.71'
5. BOTTOM 12" SD=48.74
INSTALL WATER SERVICE BELOW
EX. STORM, 12" MIN. CLEARANCE
TOP WATER = 47.74 OR LOWER

RECORD DRAWING CERTIFICATION

THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/8/25



NOTES:

1. ALL PIPE TO BE INSTALLED PER PIPE TRENCHING, BEDDING, AND BACKFILL DETAIL, STD 08.01.01, SHEET C-11.
2. SEE SHEET C-14 FOR STANDARD WATER NOTES.
3. SEE SHEET C-15 FOR STANDARD SS NOTES.

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

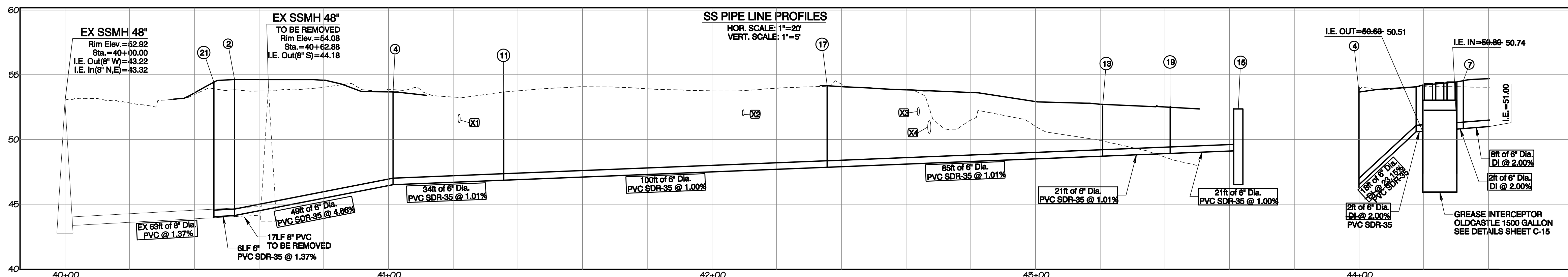
DATE:

NOTE:

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SS & Water Plan

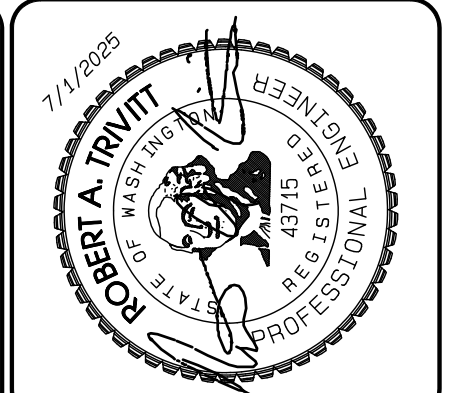
Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.235.3683
Fax ron@taco.com

DRAWING

C-10

SHEET 10
OF 16



REVISION	DATE	BY	DESCRIPTION
1	1/9/24	Paul Green	Revised per City Review.
2	6/19/24	Paul Green	Revised per City Review. Switch to permeable pavement.
3	10/17/24	Paul Green	Revised to suit.
4	10/17/24	Paul Green	Revised to suit.
5	12/3/24	Paul Green	Add to tree protection. Clarify top 2' grade info. Details: C-3, C-4, C-5, C-13.
6	2/13/25	Paul Green	Revised Slope cells to structural soil. C-6, C-7, C-8, C-11.
7			
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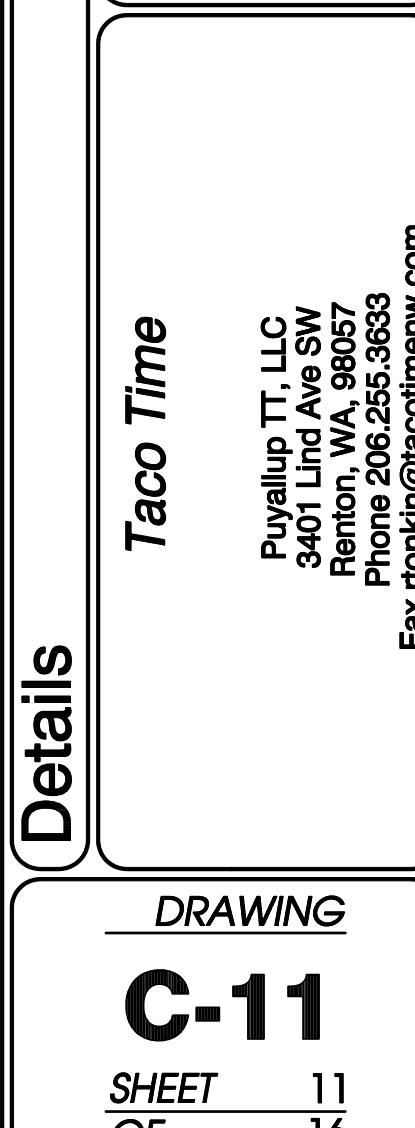
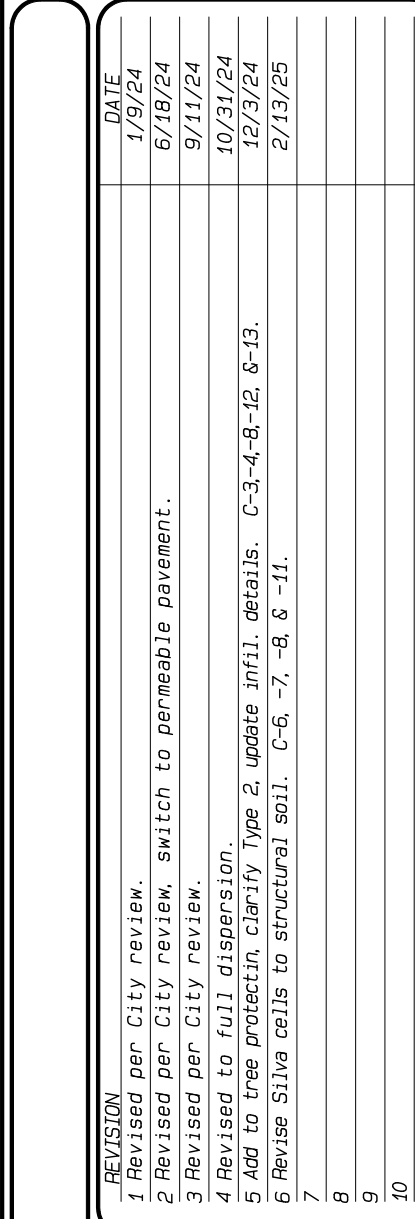
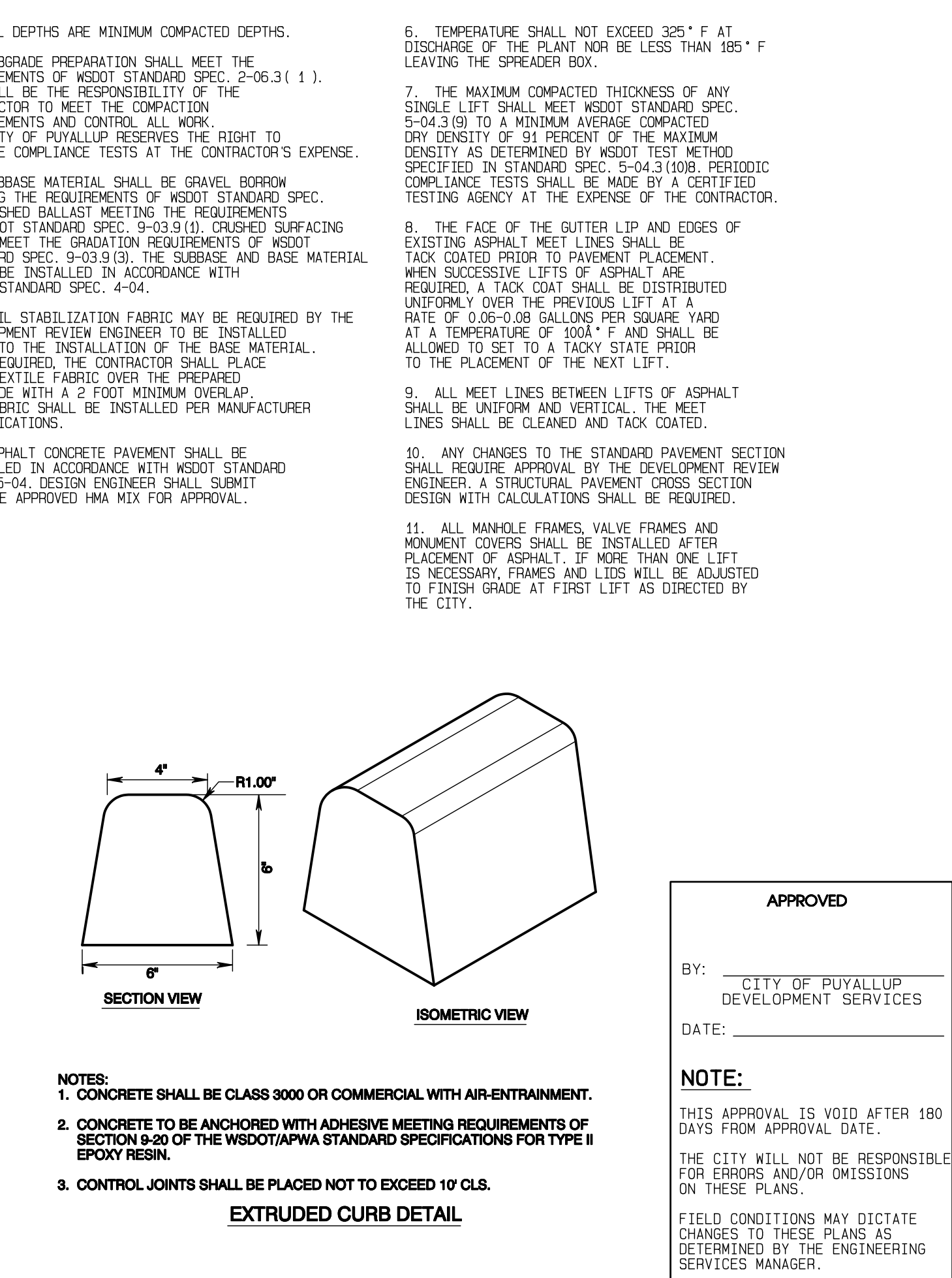
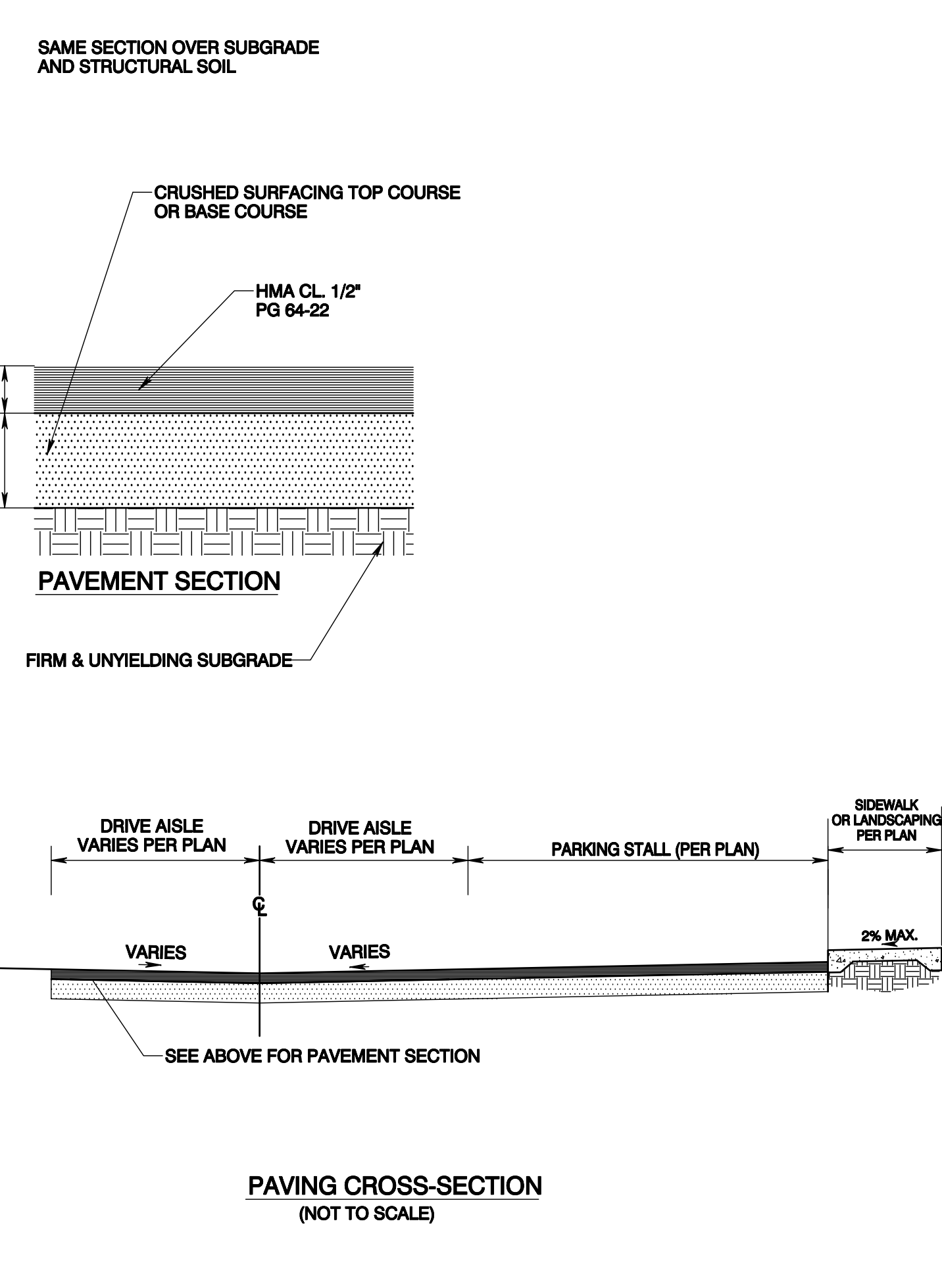
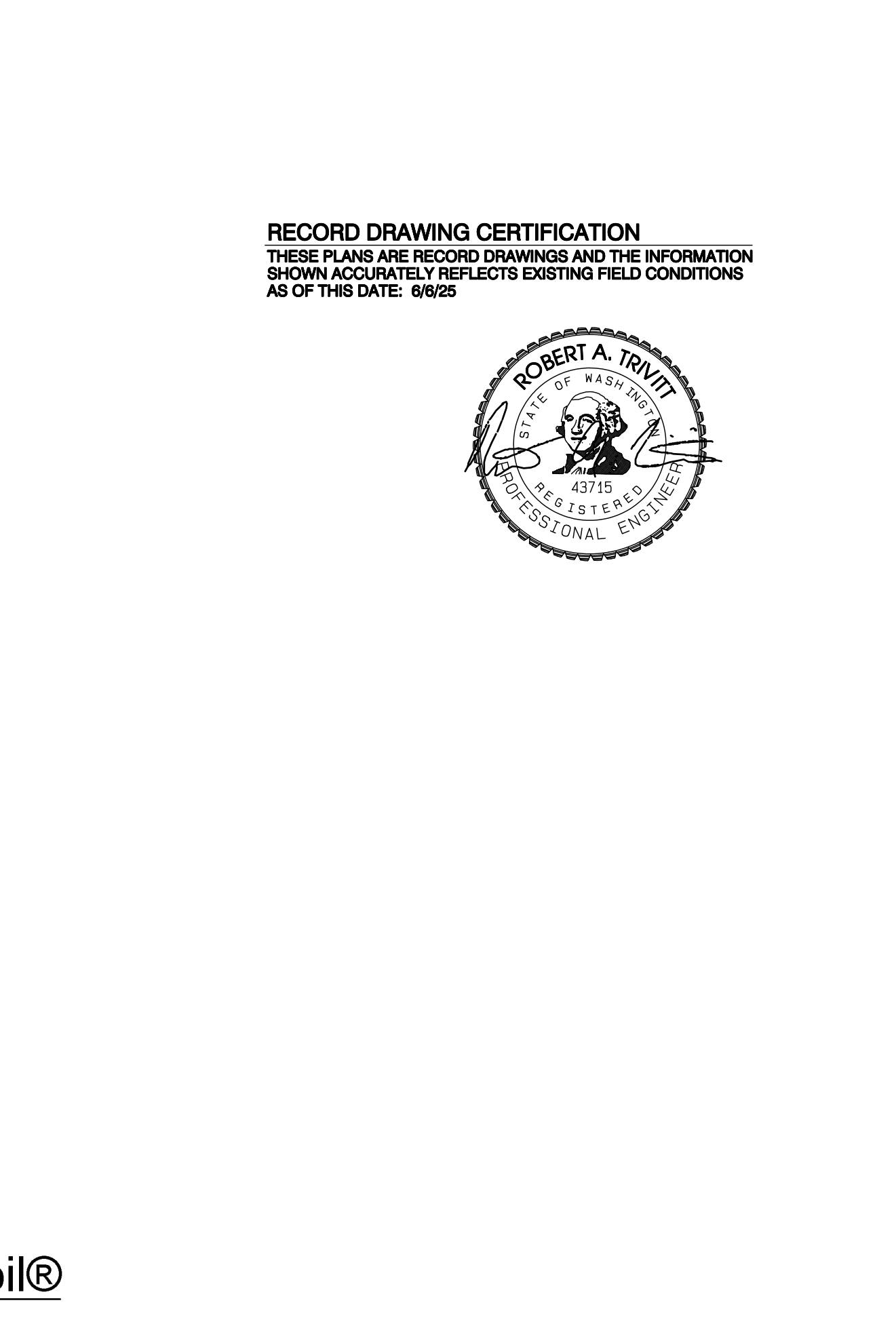
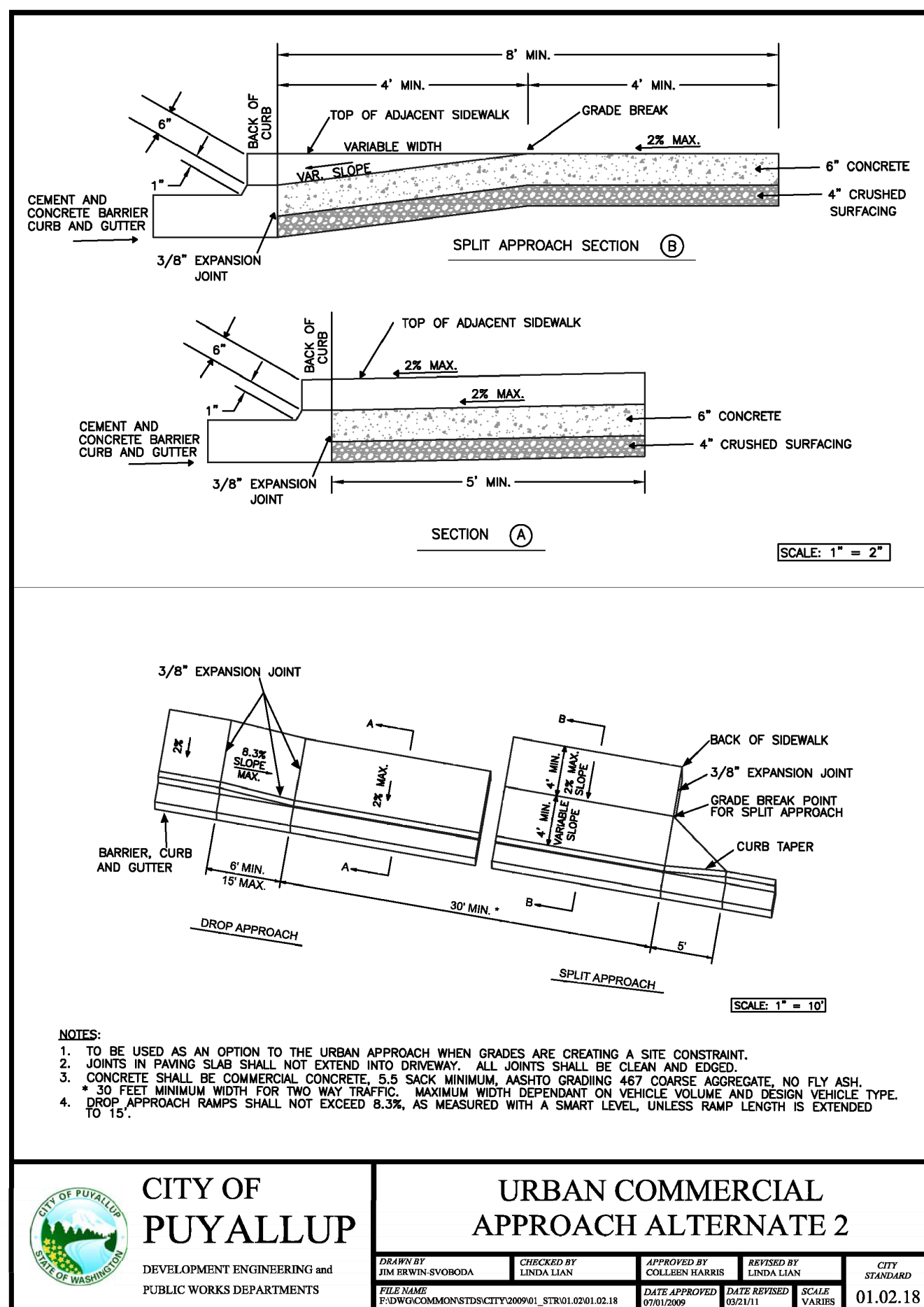
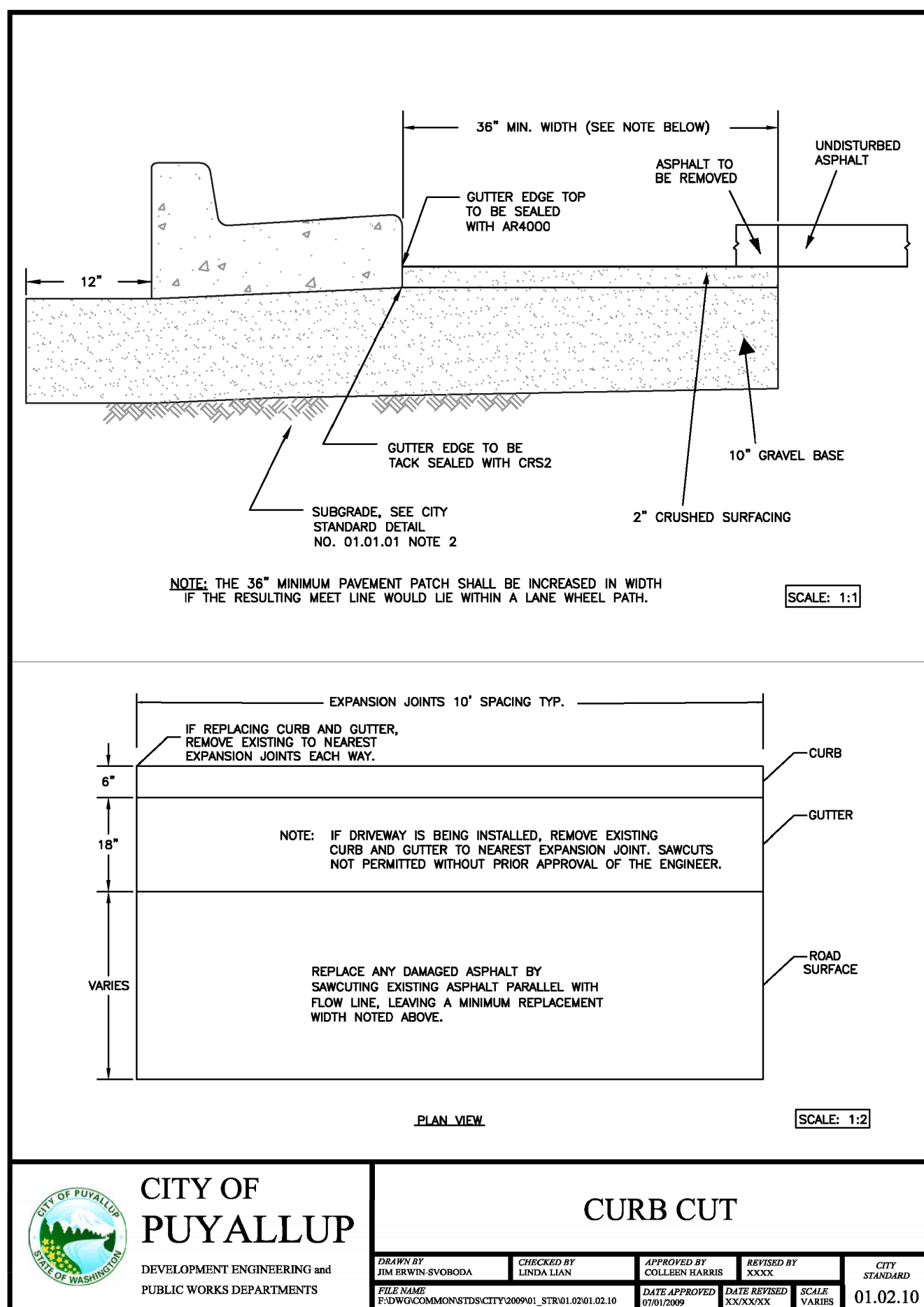
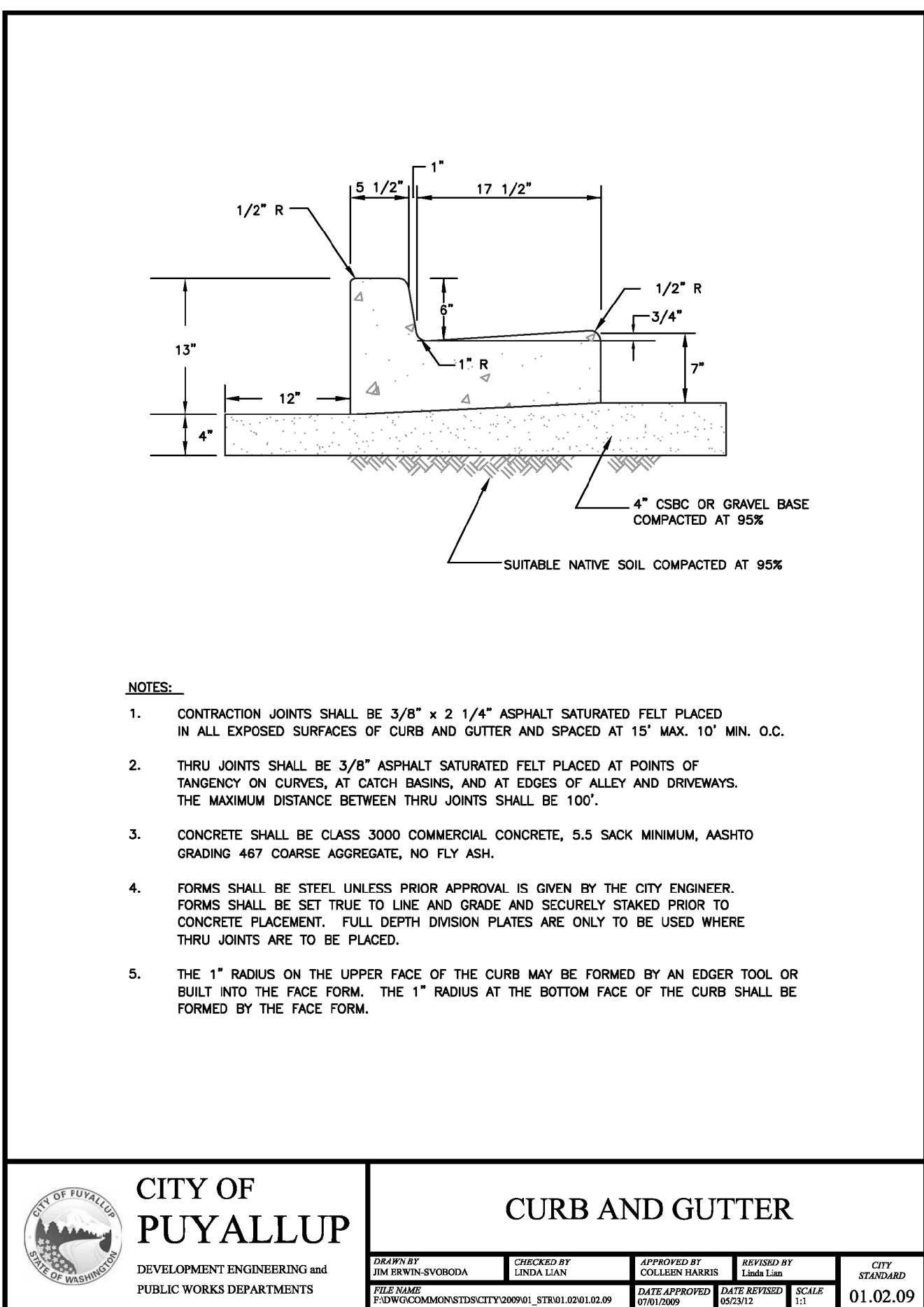
JOB NO.	DATE	DESIGNED BY	DRAWN BY	APPROVED BY
23025	JULY 14, 2025	Paul Green	Paul Green	Paul Green

Azure Green
CONSULTANTS

feasibility • planning • engineering • surveying

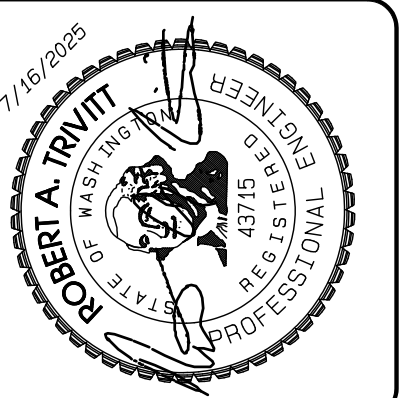
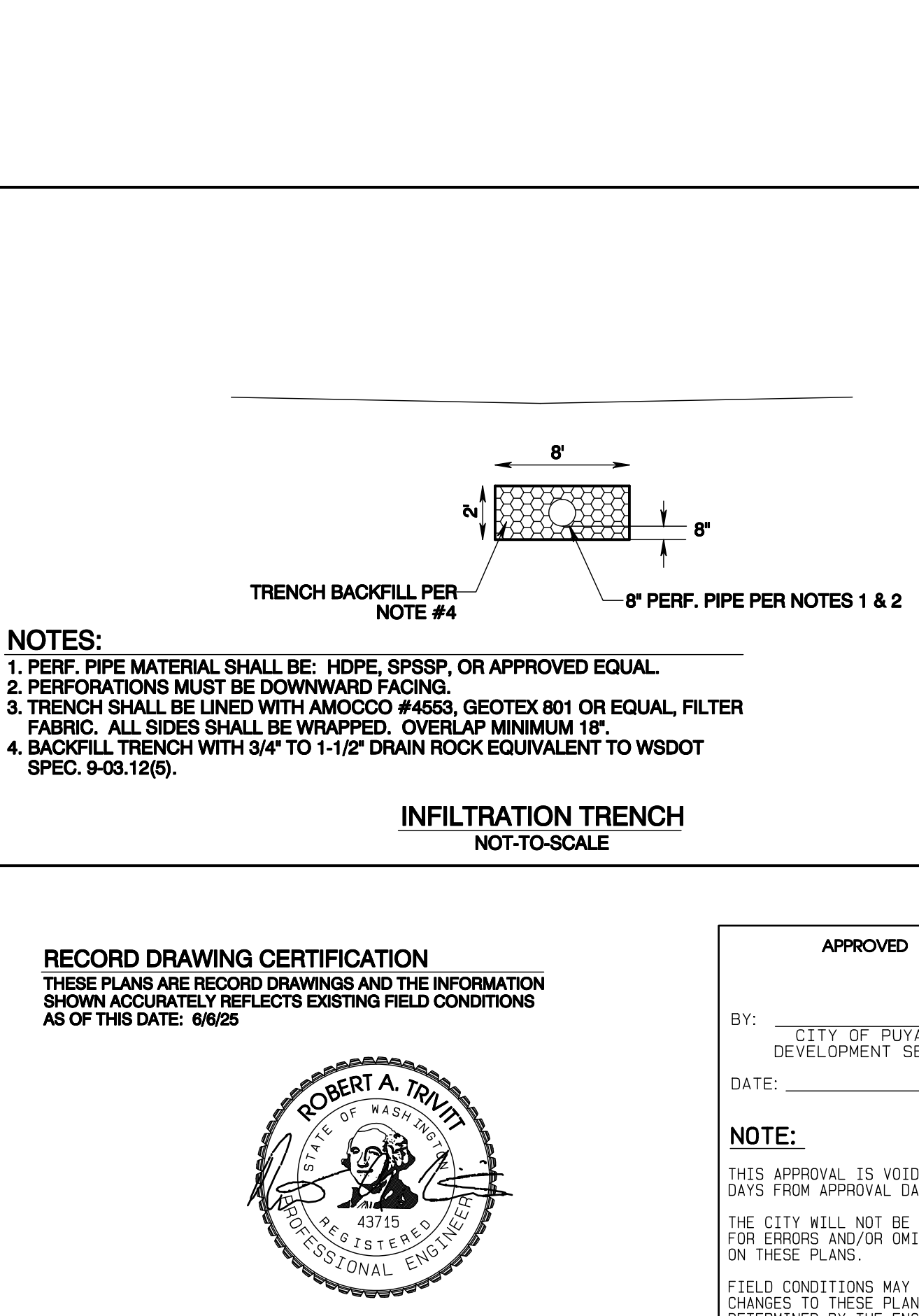
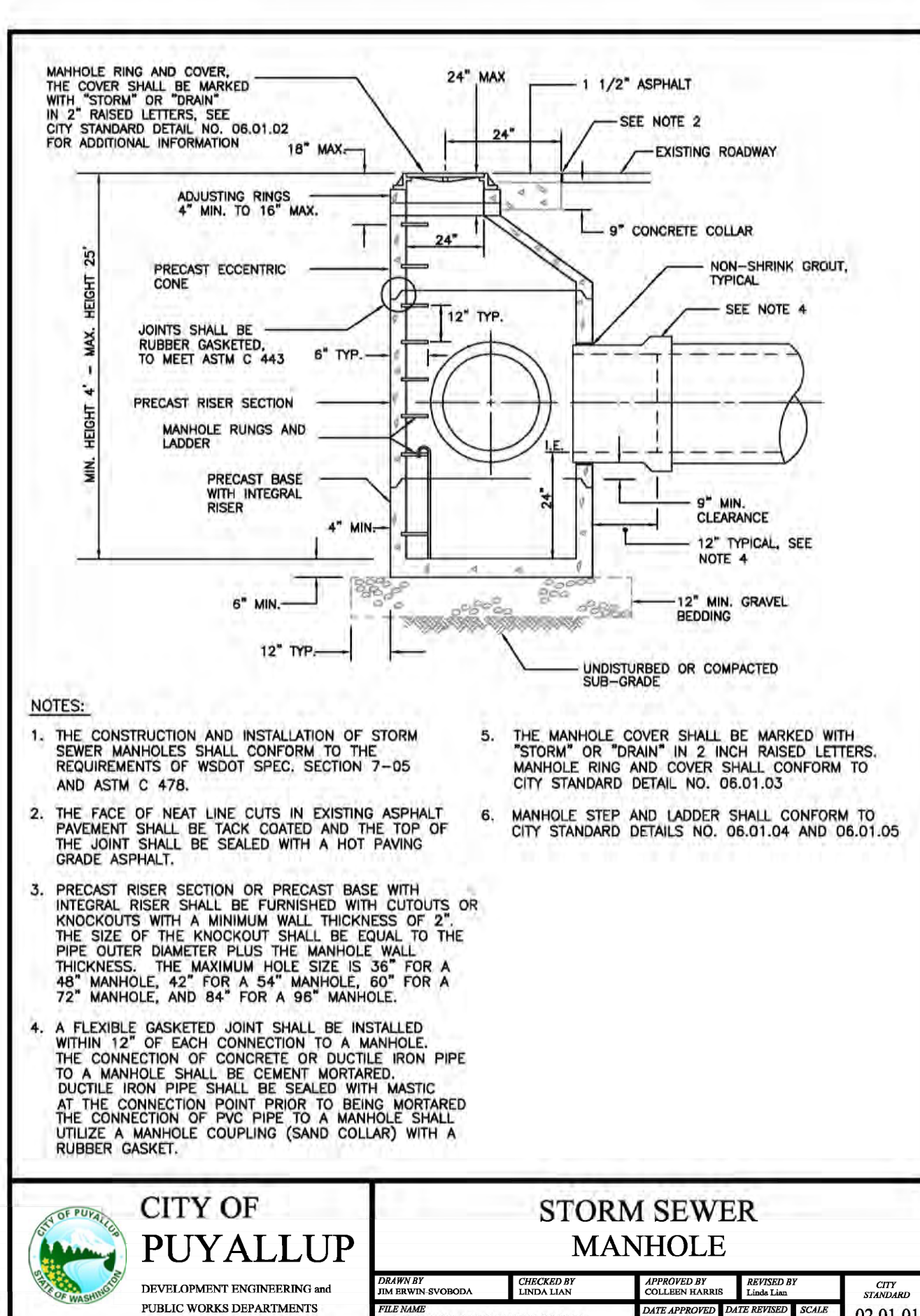
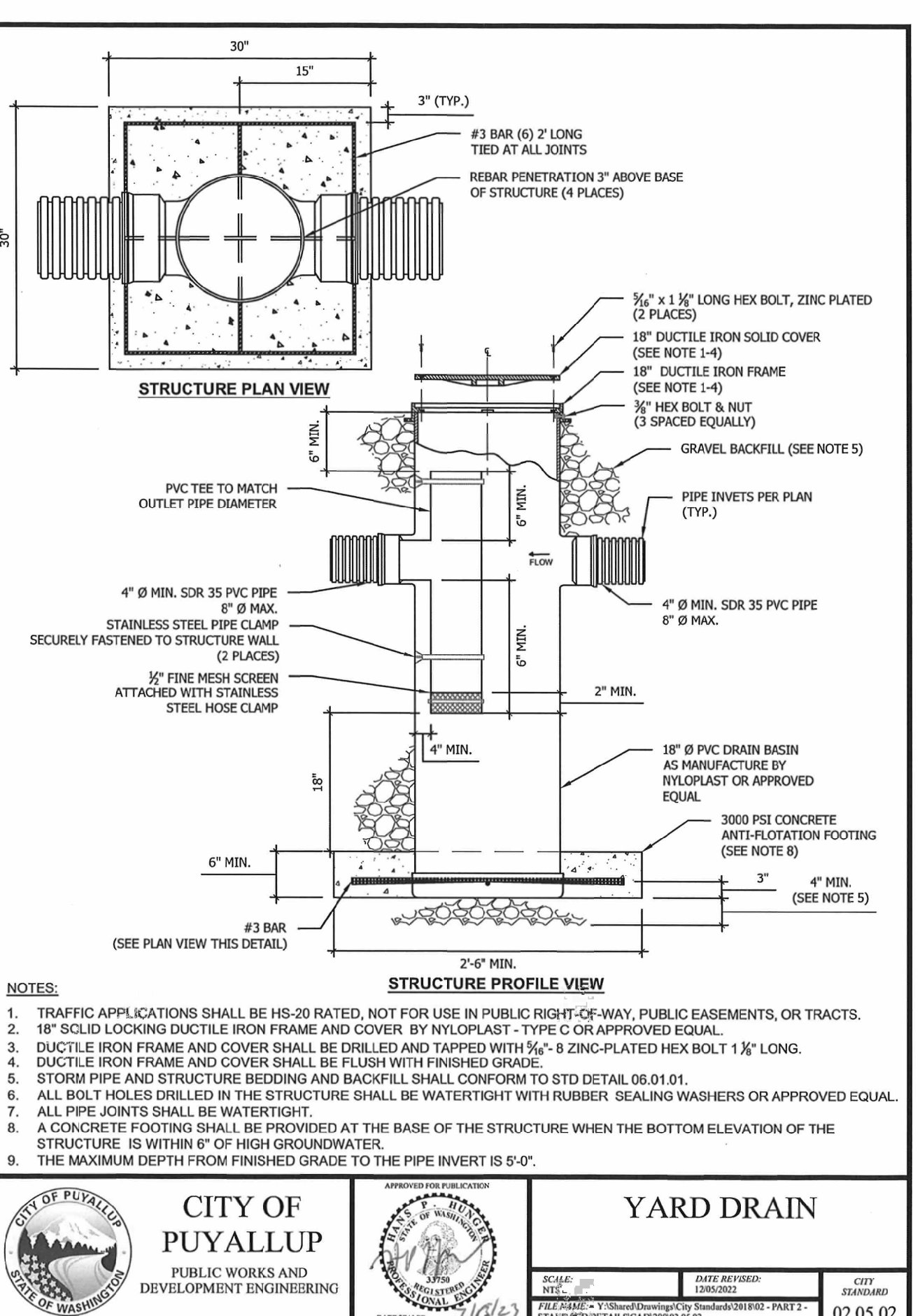
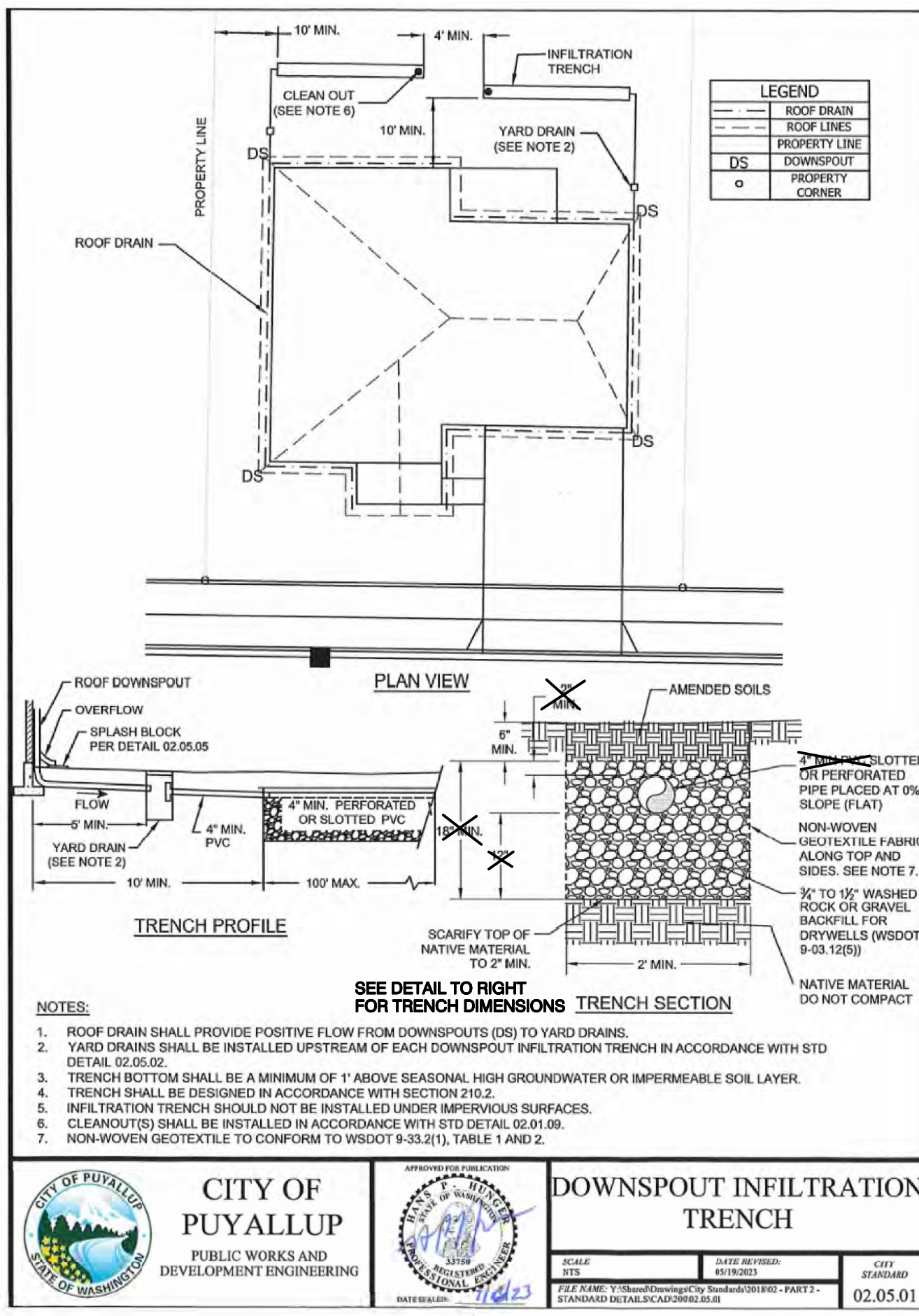
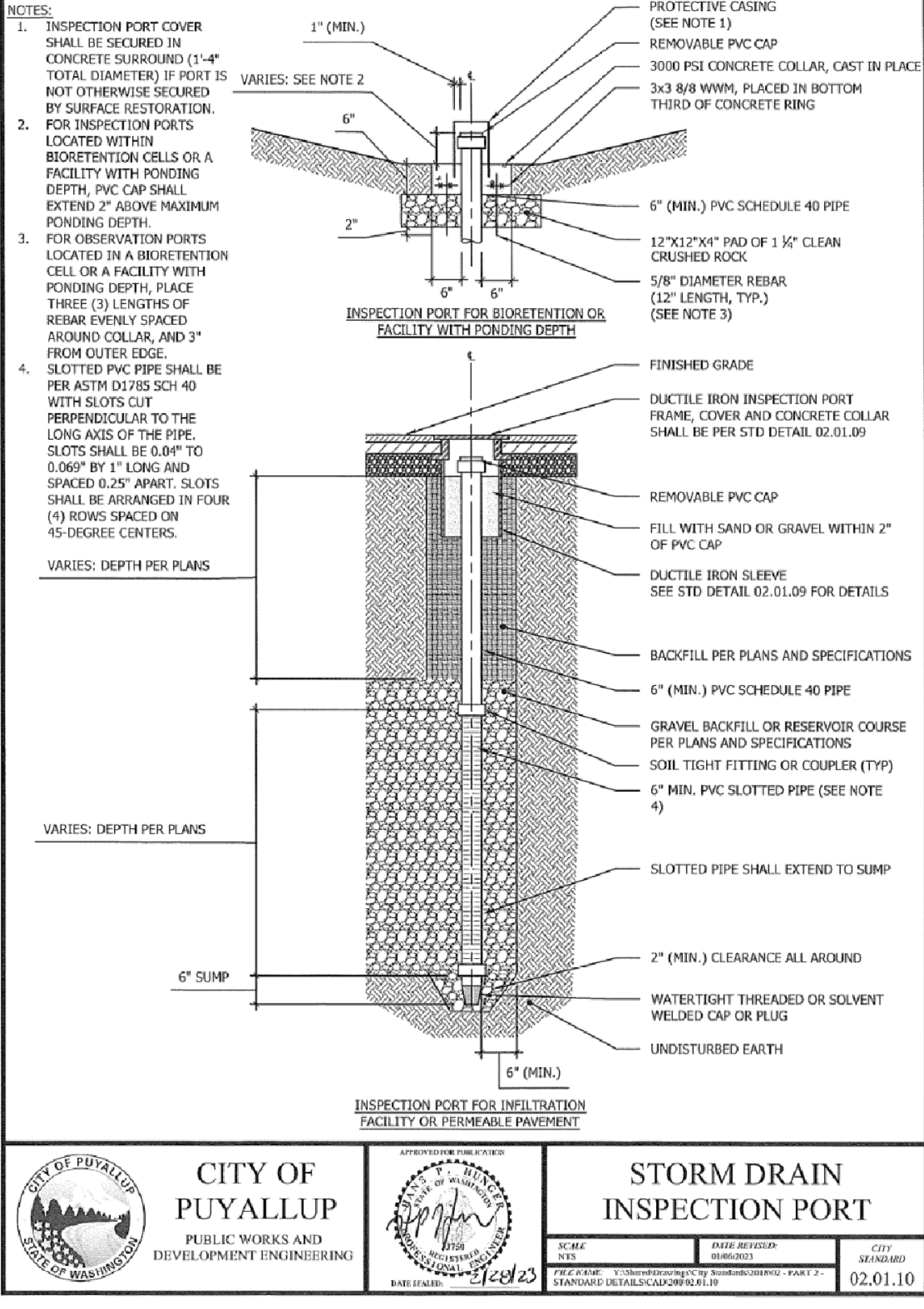
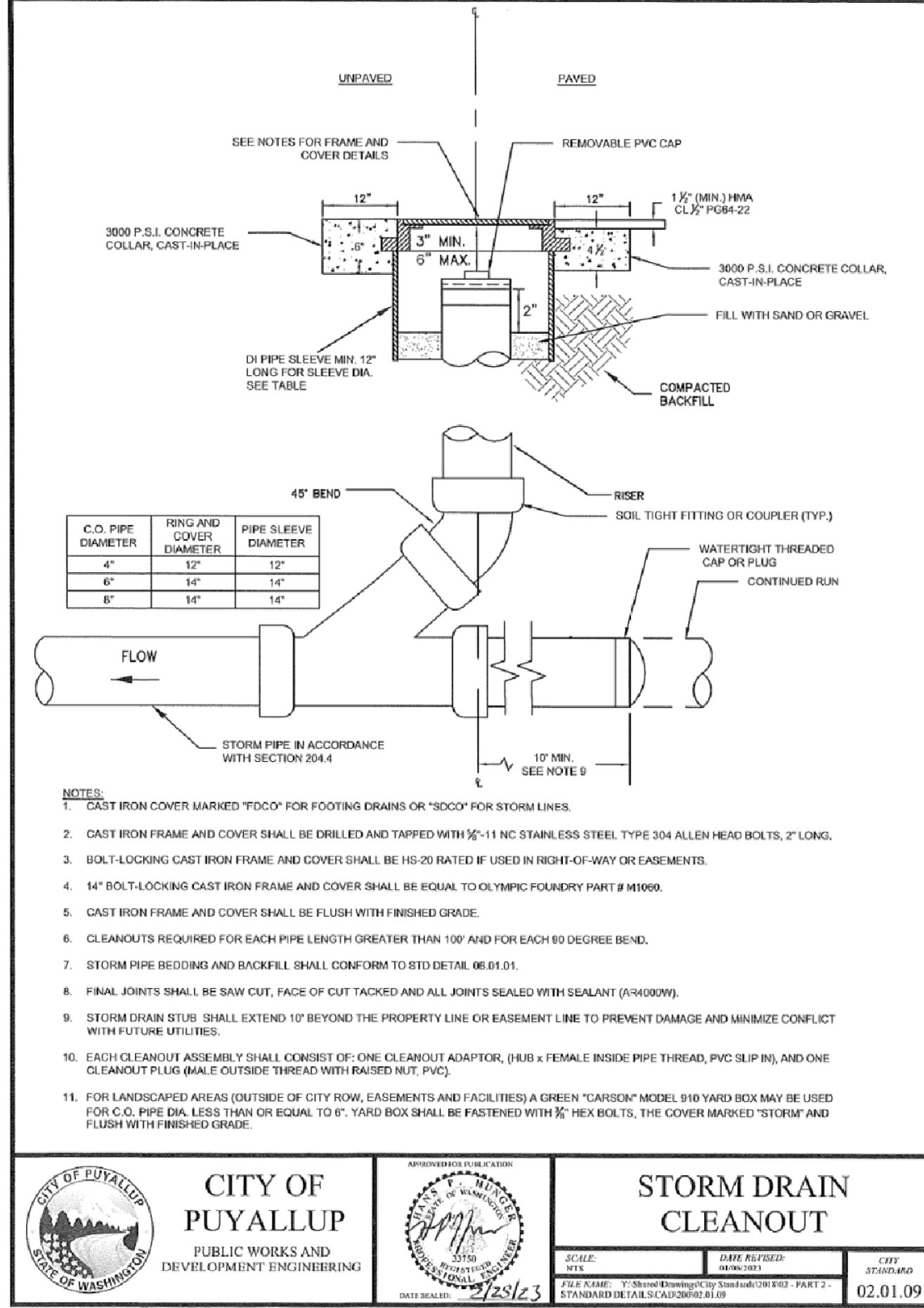
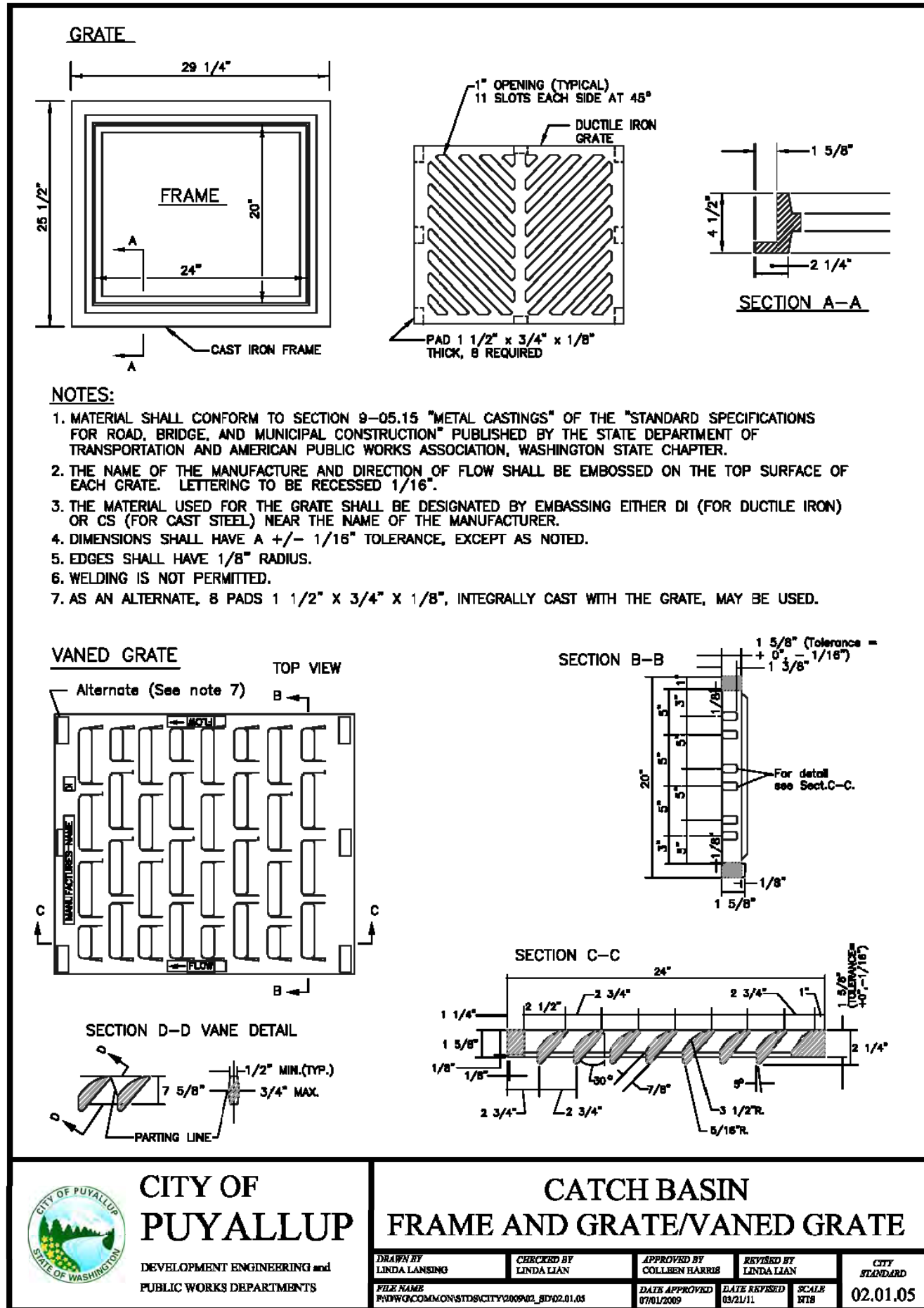
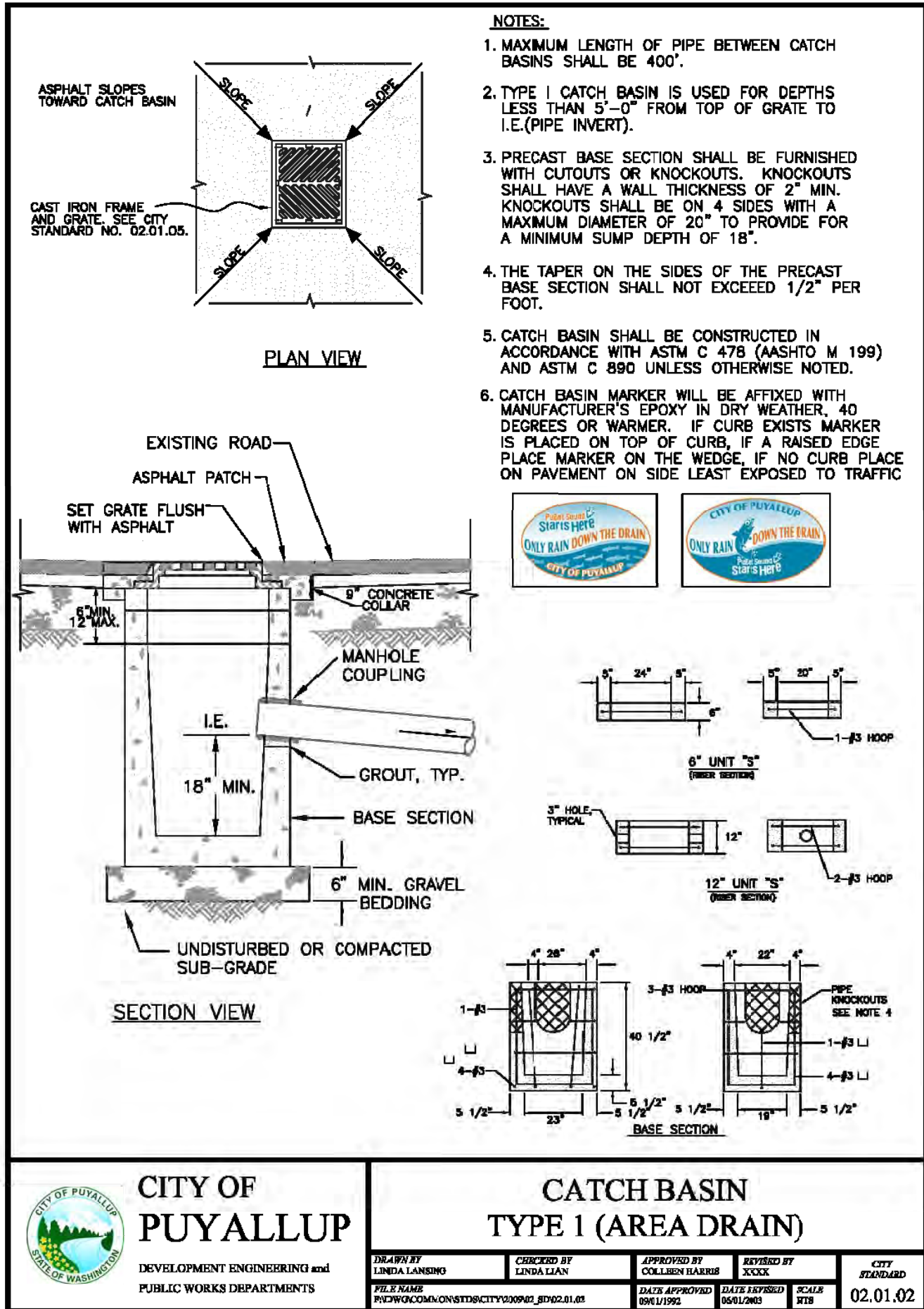
409 East Pioneer, Suite A - Puyallup, WA 98372
phone 253.770.3144 fax 253.770.3142

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



Taco Time

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



REVISION	DATE	BY	DESCRIPTION
1	7/16/2025	Robert A. Trivitt	Final Design
2	7/16/2025	Robert A. Trivitt	Final Design
3	7/16/2025	Robert A. Trivitt	Final Design
4	7/16/2025	Robert A. Trivitt	Final Design
5	7/16/2025	Robert A. Trivitt	Final Design
6	7/16/2025	Robert A. Trivitt	Final Design
7	7/16/2025	Robert A. Trivitt	Final Design
8	7/16/2025	Robert A. Trivitt	Final Design
9	7/16/2025	Robert A. Trivitt	Final Design
10	7/16/2025	Robert A. Trivitt	Final Design

STORM DETAILS

DESIGNED BY: LINDA L. LAM
CHECKED BY: LINDA L. LAM
DATE APPROVED: 02/05.01
CITY STANDARD: 02.05.01

APPROVED

RECORD DRAWING CERTIFICATION
 THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 06/25

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

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
DATE:

NOTE:

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STORM DETAILS

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APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
DATE:

NOTE:

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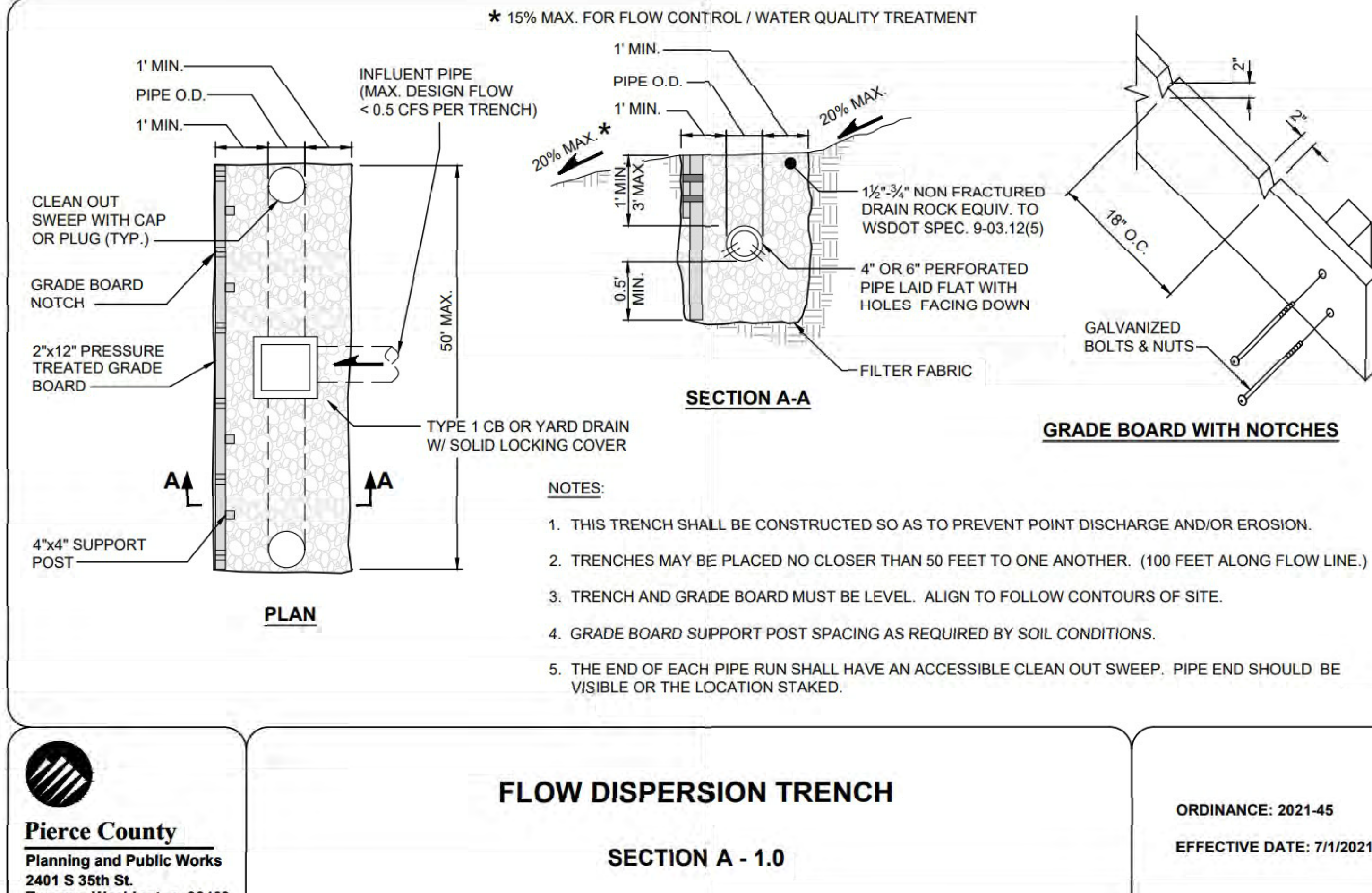
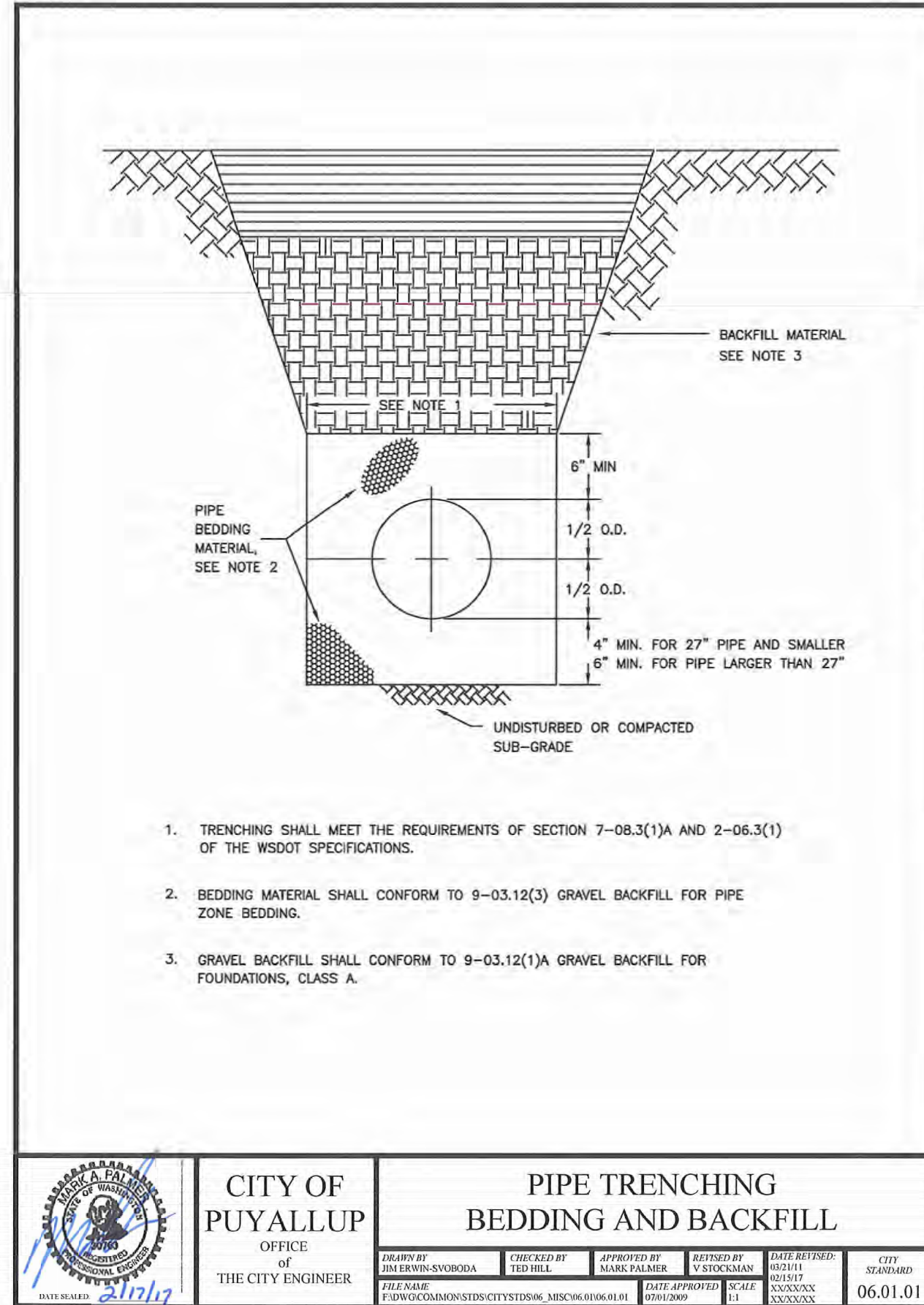
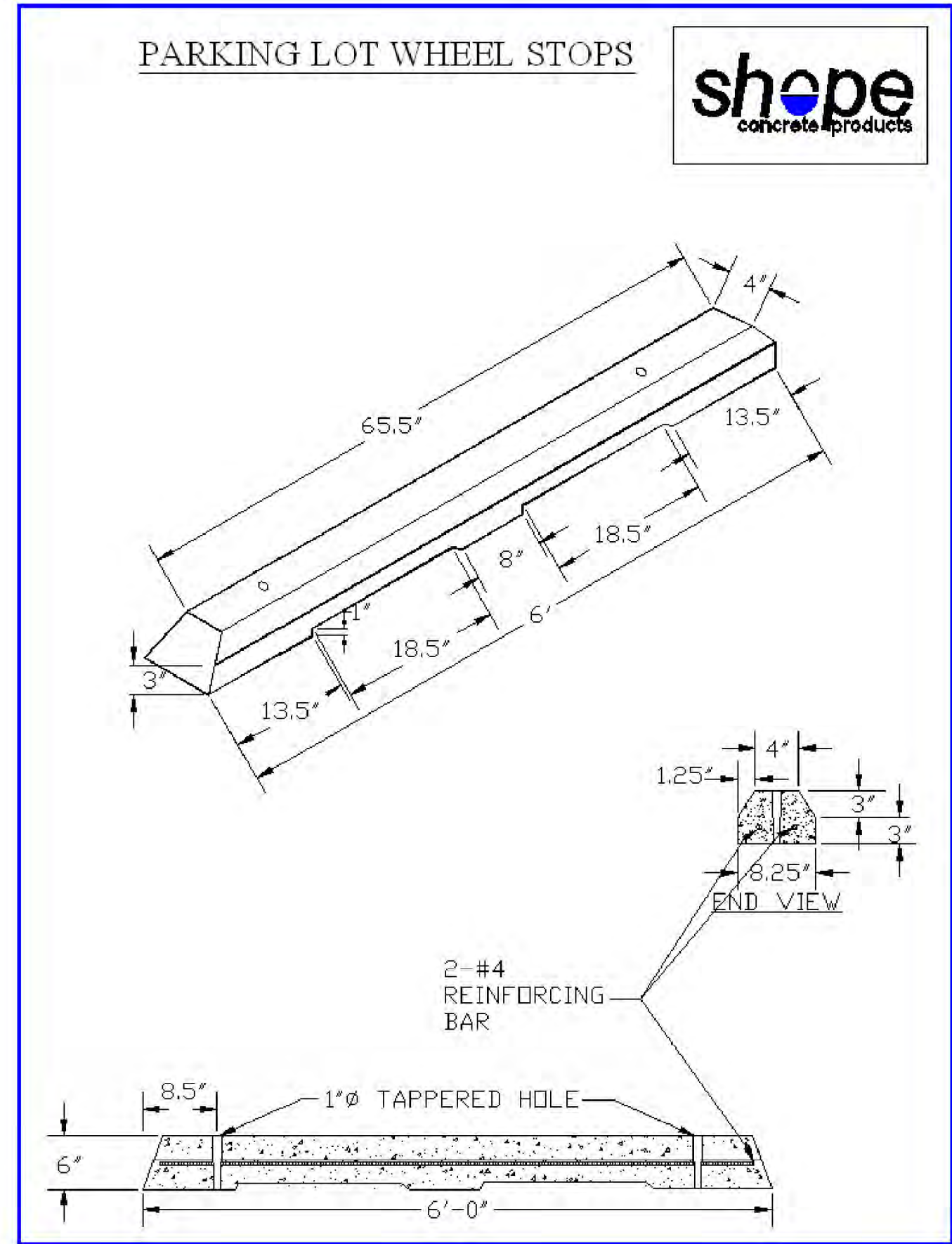
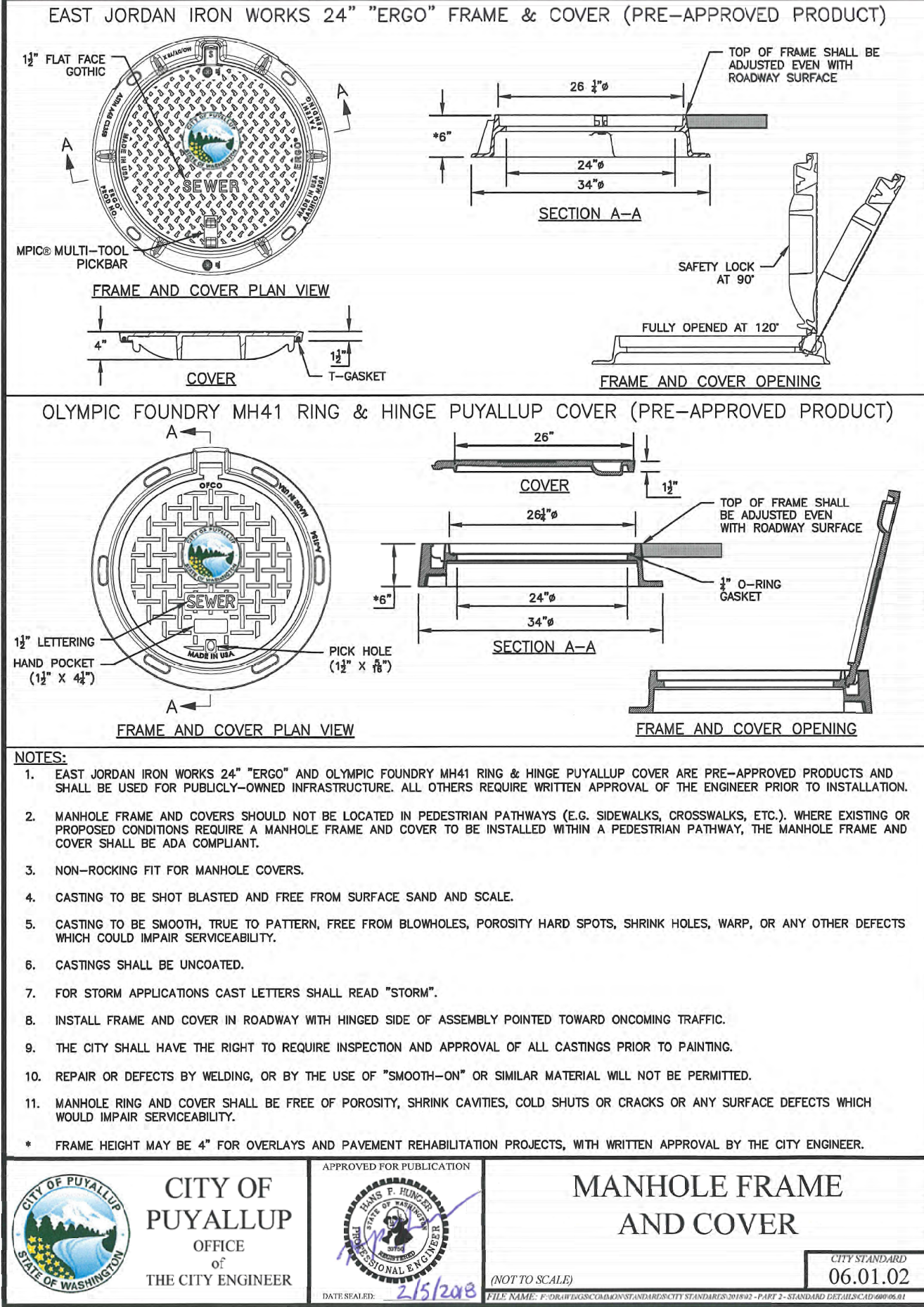
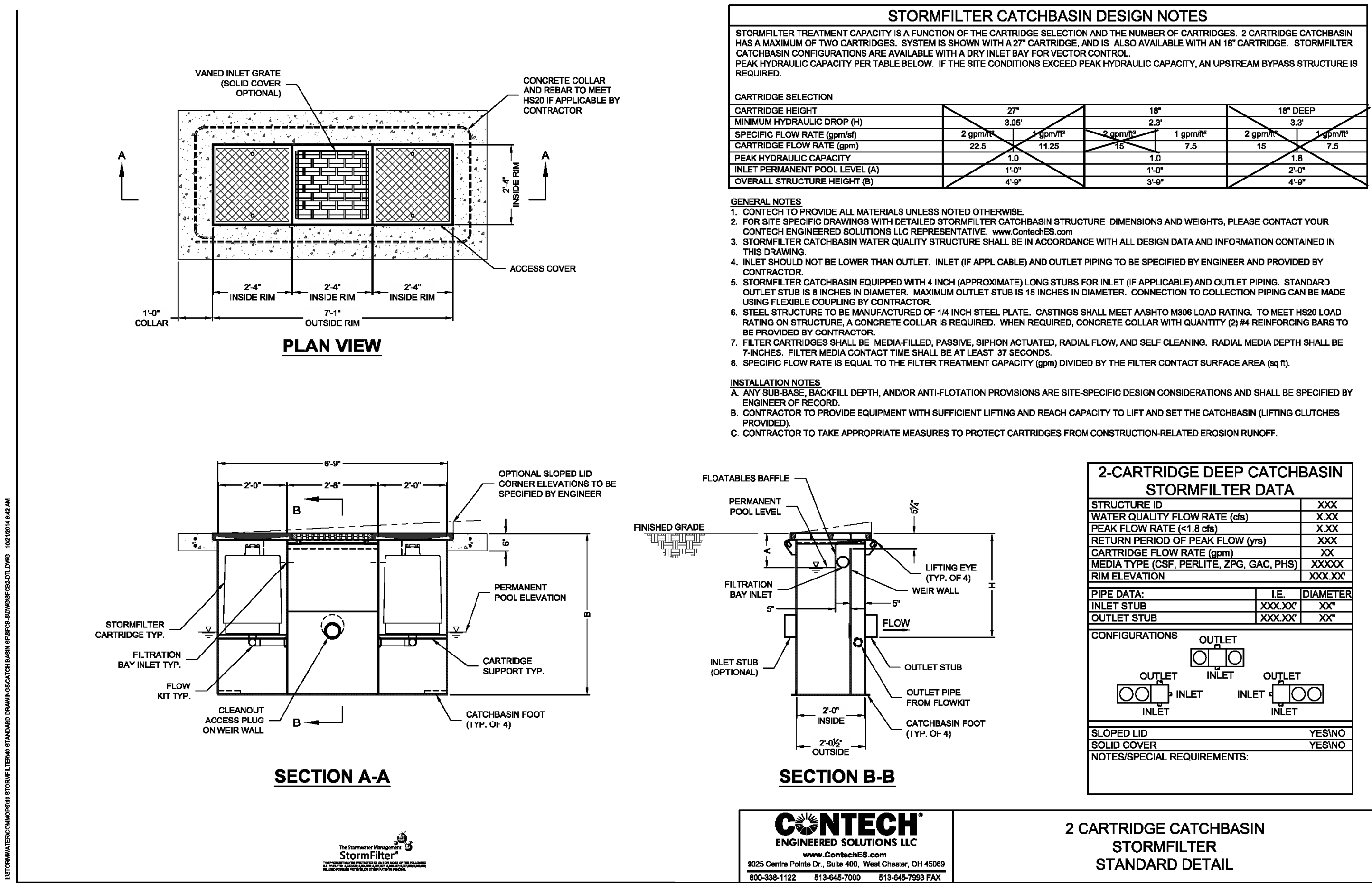
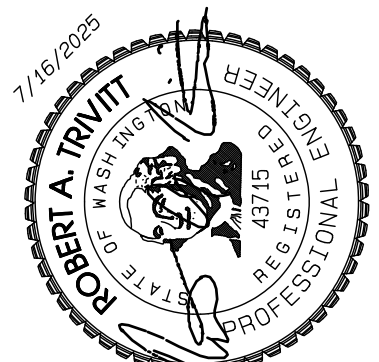
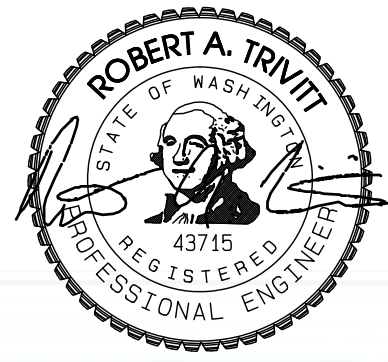
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

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

Taco Time

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

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



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 requires 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 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 "grains to stream". Solid catch basin lids (square unless noted as round) shall conform to WSDOT Standard Plan B-30.20-04 (Olympic Foundry No. SM60 or equal). Vented grates shall conform to WSDOT 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 pipe 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 F479 for pipe sizes 18 to 27 inch. Minimum cover on PVC pipe shall be 3.0 feet.
 - 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.
 - 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 WSDOT 9-09.24(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: _____ CITY OF PUYALLUP DEVELOPMENT SERVICES
 DATE: _____

NOTE:

THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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Storm & Water Details

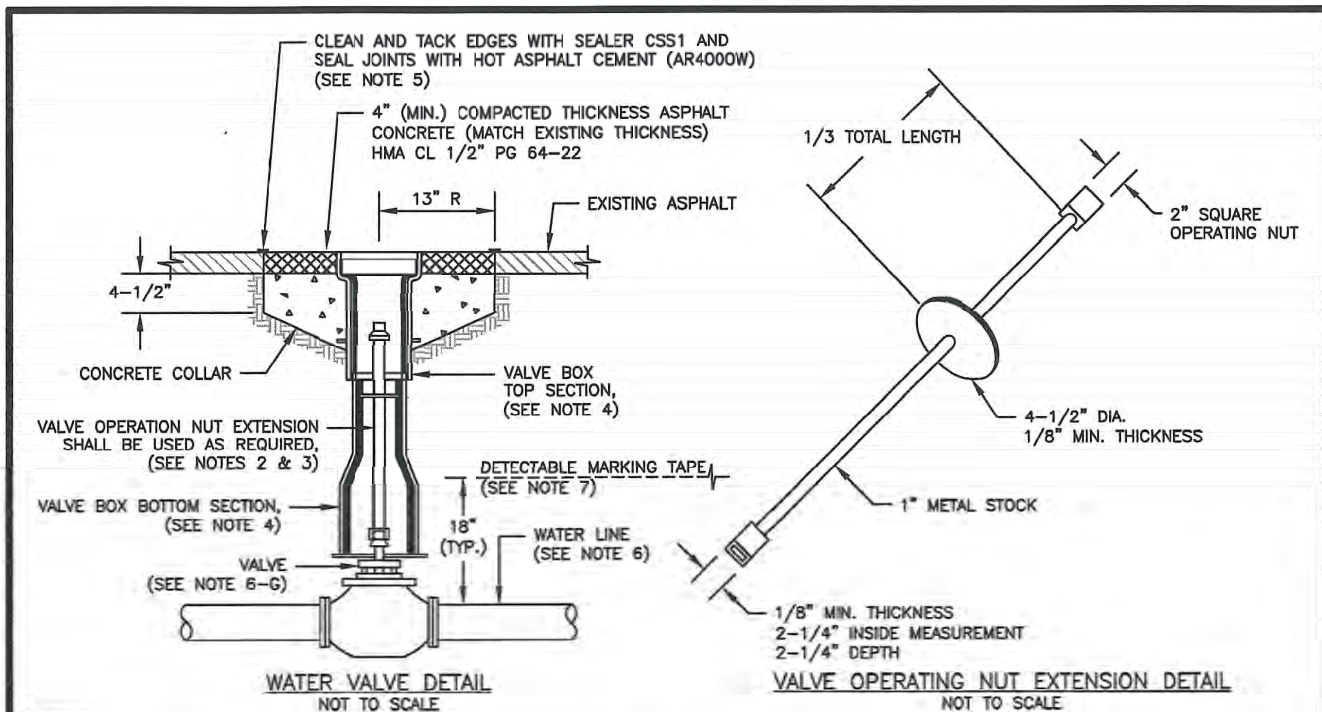
Taco Time

Puyallup TT, LLC
 3401 Lind Ave SW
 Renton, WA 98057
 Phone 206.256.3683
 Fax renton@tacomawm.com

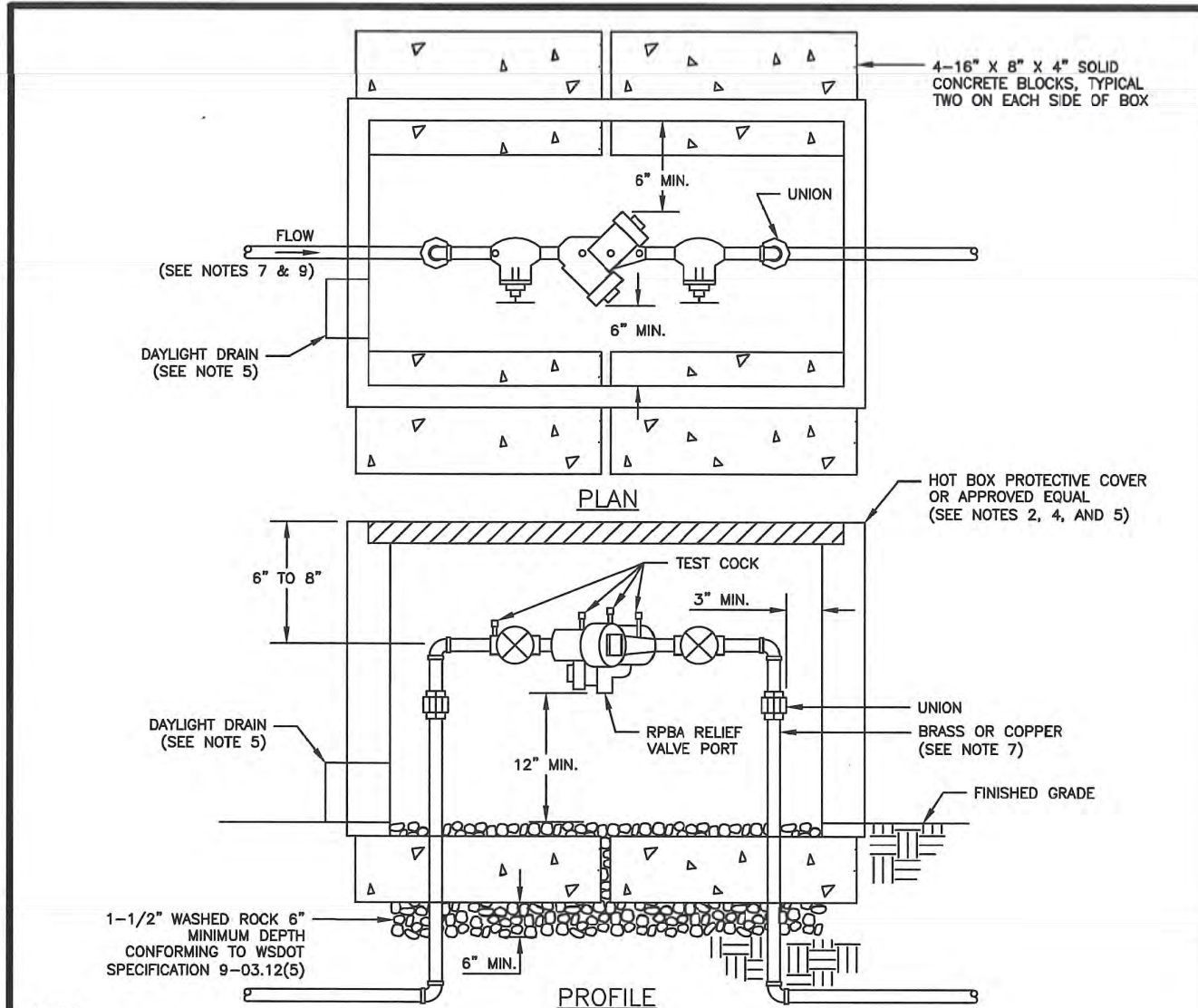
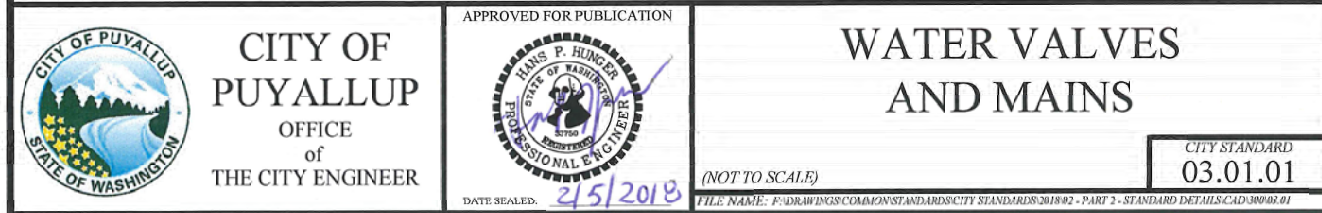
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 SHEET 13 OF 16

Taco Time

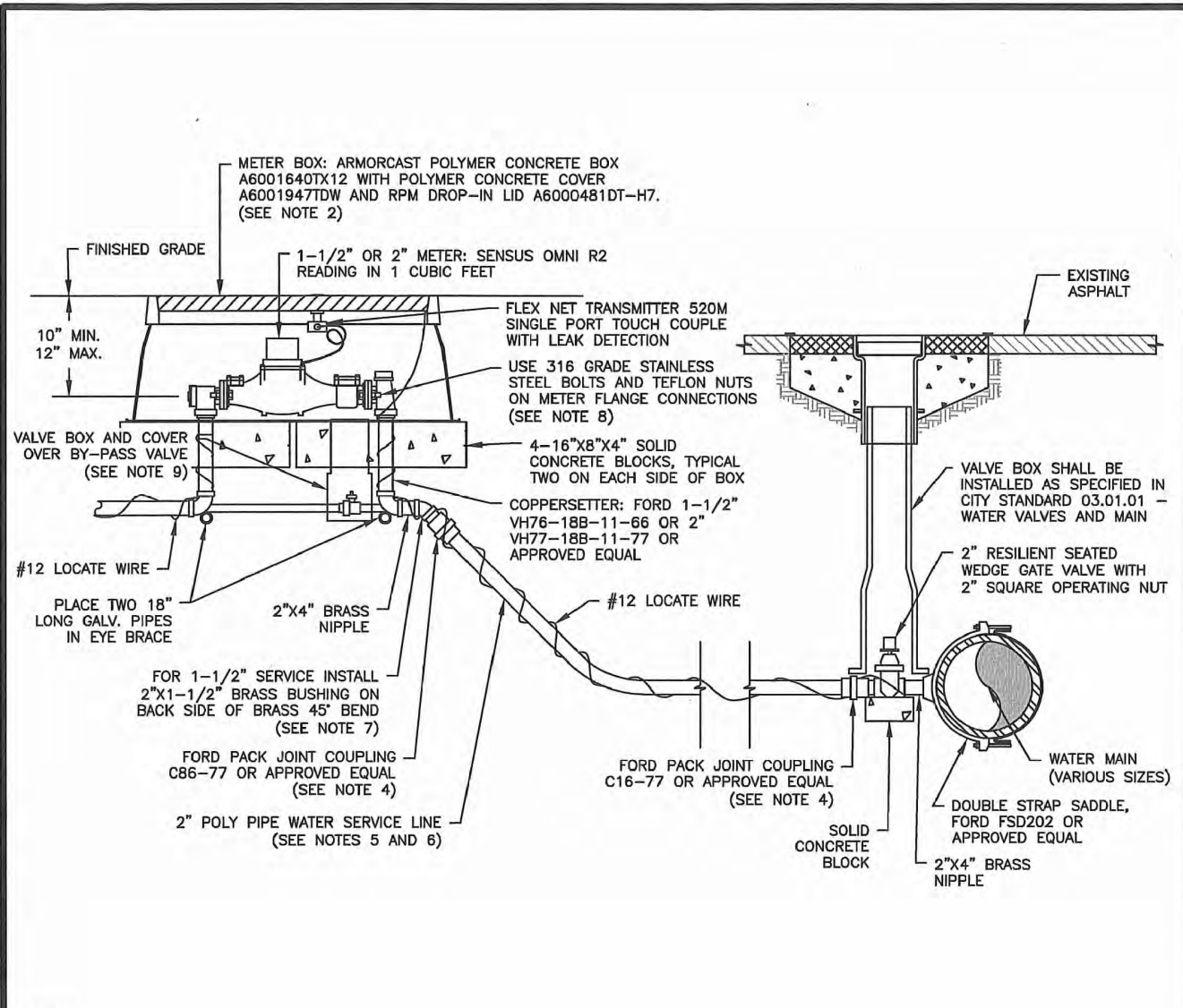
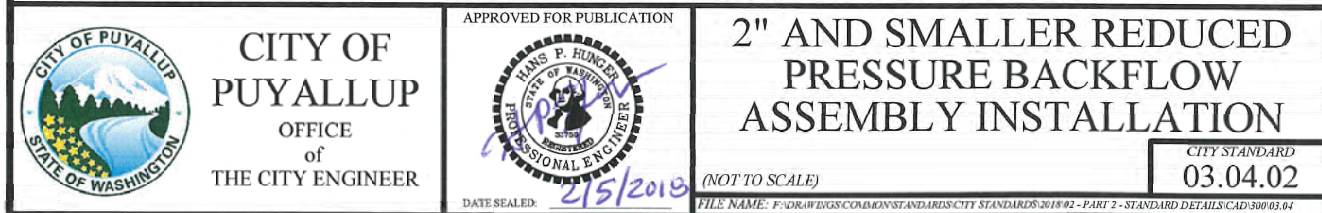
Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington



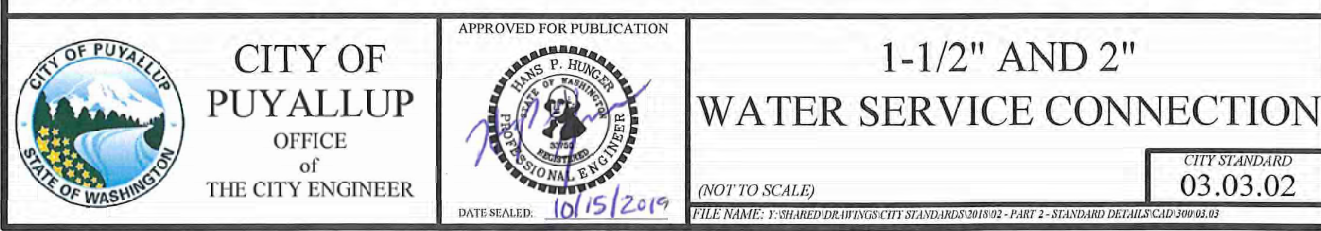
- NOTES:**
- WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" FROM PAVED FINAL GRADE IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48" IN UNIMPROVED RIGHT-OF-WAY AND UNIMPROVED EASEMENTS.
 - VALVE OPERATING NUT EXTENSIONS ARE REQUIRED WHEN THE VALVE NUT IS MORE THAN FIVE (5) FEET BELOW FINISHED GRADE. EXTENSIONS ARE TO BE A MINIMUM OF TWO (2) FEET LONG, ONLY ONE EXTENSION 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 PRESS (IF NECESSARY), AS MANUFACTURED BY THE VANDER BRAN SEATTLE OR APPROVED EQUAL. THE WORD "WATER" SHALL BE CAST IN RELIEF ON THE VALVE BOX COVER. VALVE BOX TOPS INSTALLED IN ARTERIAL ROADWAYS SHALL BE MANUFACTURED BY EAST JORDAN (EJ) IRONWORKS MODEL 8555 WITH VALVE BOX COVER MODEL 8500 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 WSDOT STANDARD SPECIFICATIONS SUPPLEMENTED WITH THE FOLLOWING:
 - DUCTILE IRON PIPE SHALL CONFORM TO AWWA C 151, THICKNESS CLASS 52, AND THE EXTERIOR SHALL BE COATED WITH COAL TAR VARNISH. PIPE AND FITTINGS SHALL BE MANDREL 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 36" PIPE. THE CEMENT LINING SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 150.
 - 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.
 - BOLTS AND NUTS FOR BURIED FLANGES LOCATED OUTDOORS, ABOVE GROUND, OR IN OPEN VAULTS IN STRUCTURES SHALL BE TYPE 316 STAINLESS STEEL CONFORMING TO ASTM A 193, GRADE SBM FOR BOLTS, AND ASTM A 194, GRADE BM FOR NUTS. BOLTS AND NUTS LARGER THAN ONE AND ONE-EIGHTH (1-1/8) INCHES SHALL BE STEEL, ASTM A 307, GRADE B, WITH CONICAL PLATING, ASTM A 165, TYPE III.
 - BOLTS USED IN FLANGE INSTALLATION SETS SHALL CONFORM TO ASTM B 193, GRADE 7. NUTS SHALL CONFORM WITH ASTM A 194, GRADE 2H.
 - PROVIDE A WASHER FOR EACH NUT, WHERE NEEDED. WASHERS SHALL BE OF THE SAME MATERIAL AS THE NUTS.
 - ALL FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C 110 AND AWWA C 111.
 - RESILIENT SEATED WEDGE GATE VALVES SHALL BE USED FOR TEN (10) INCH MAINS AND SMALLER. BUTTERFLY VALVES SHALL BE USED FOR MAINS GREATER THAN TEN (10) INCHES.
 - RESILIENT SEATED WEDGE GATE VALVE SHALL CONFORM TO THE LATEST AWWA SPECIFICATIONS FOR COLD WATER, DOUBLE-DISK GATE VALVES, 200 PSI WORKING PRESSURE. THEY SHALL BE IRON-BODIED, BRIDGE MOUNTED, NON-RISING STEM WITH TWO (2) INCH SQUARE NUT, 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 APPROVED EQUAL.
 - 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 SPEC. 9-10.1B.



- NOTES:**
- BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
 - THE RPBA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACKFLOW 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.
 - 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 CSA APPROVED AND MEET ALL APPLICABLE SAFETY STANDARDS AND CODES.

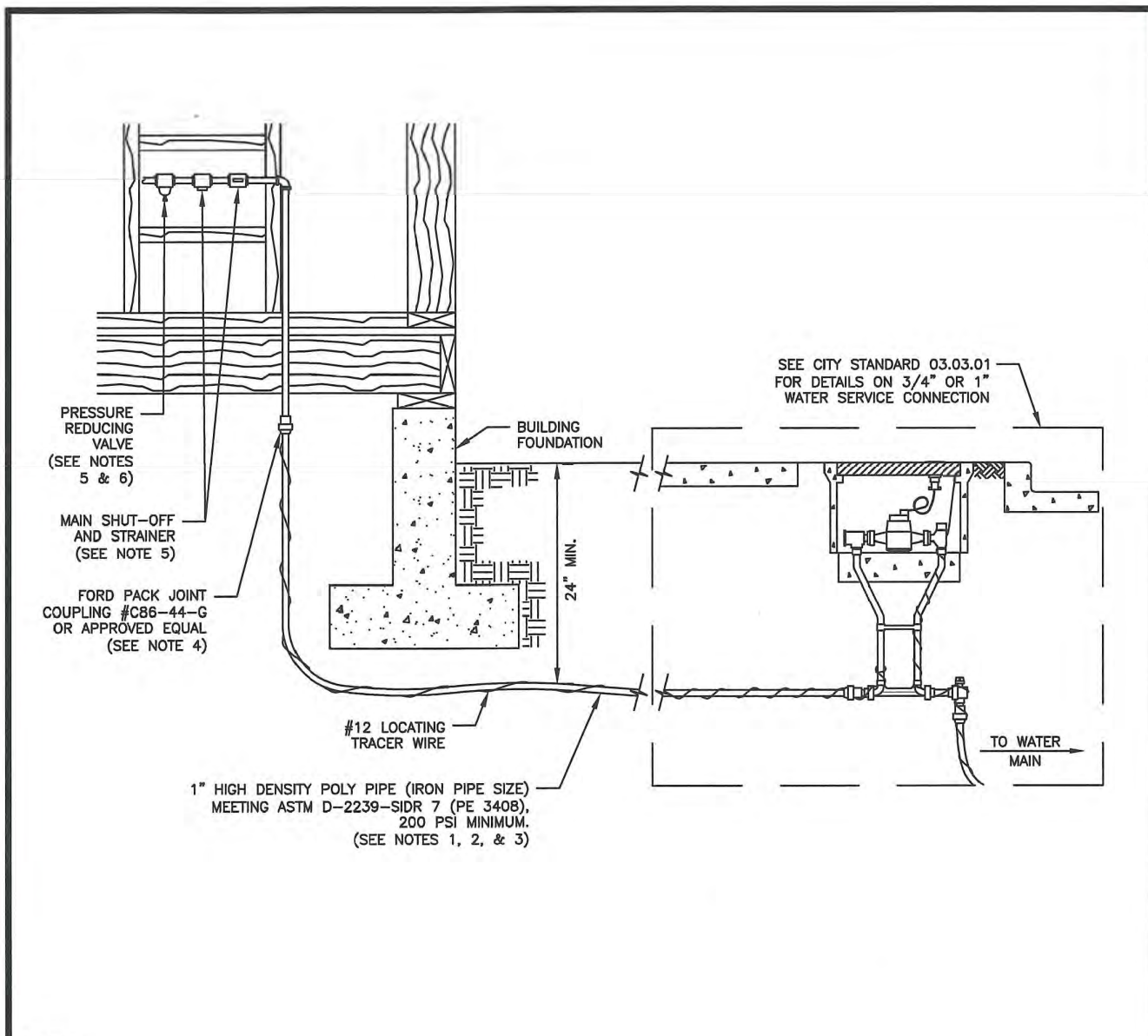


- NOTES:**
- ALL MATERIALS AND FITTINGS SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
 - NORMALLY THE WATER METER BOX SHOULD BE LOCATED IN THE PLANTING STRIP. IF SIDEWALK IS AGAINST THE CURB, PLACE METER BOX DIRECTLY BEHIND THE SIDEWALK. THE WATER METER BOX SHALL NOT BE LOCATED IN HARD SURFACES. WHEN UNAVOIDABLE, EXCEPTIONS CAN BE MADE AT END OF COL-DE-SACS OR PAVED LOTS.
 - WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48" IN UNIMPROVED RIGHT-OF-WAY AND UNIMPROVED EASEMENTS.
 - ALL POLY PIPE COUPLINGS SHALL USE POLY INSERT STIFFENERS.
 - THE WATER SERVICE LINE SHALL BE BEDDED IN WASHED SAND WITH 36" OF COVER BELOW FINISHED GRADE WITHIN THE RIGHT-OF-WAY. THE WATER SERVICE LINE SHALL BE ONE CONTINUOUS PIECE WITH NO SPICES.
 - ALL POLY PIPE SHALL BE HIGH DENSITY POLY (HDPE) MEETING ASTM D-2239-SDR 7, BLUE IN COLOR, 200 PSI MINIMUM.
 - FOR A 1-1/2" WATER SERVICE, ALL MATERIAL SHALL BE 2" FROM THE WATER MAIN TO THE COPPERSTEEL. REDUCE FROM 2" TO 1-1/2" IMMEDIATELY BEFORE COPPERSTEEL.
 - THE STAINLESS STEEL METER FLANGE BOLTS SHALL BE 5/8" DIAMETER FOR THE 1-1/2" METER, AND 3/4" DIAMETER FOR THE 2" METER.
 - PROVIDE A 6" CIRCULAR VALVE BOX WITH COVER (APPLIED ENGINEERING PRODUCT MODEL 708 WITH GREEN LID OR AN APPROVED EQUAL) OVER 8\"/>

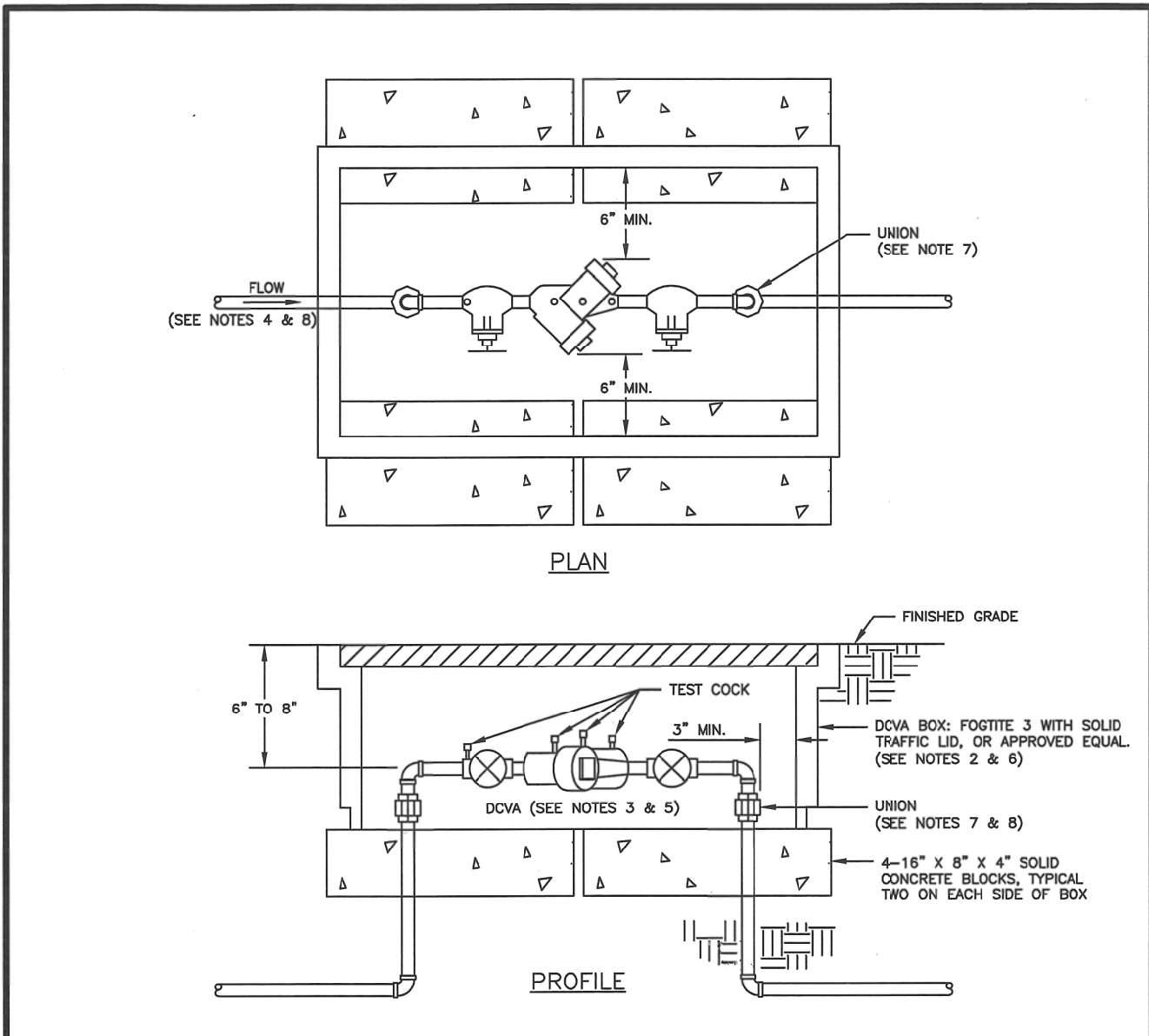
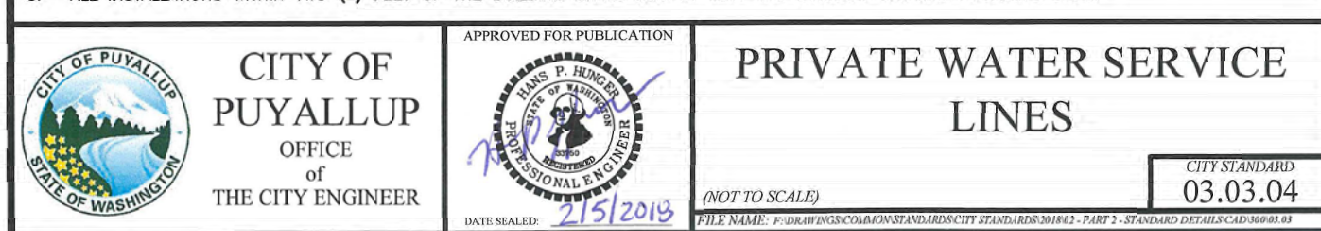


WATER SYSTEM PLAN NOTES:

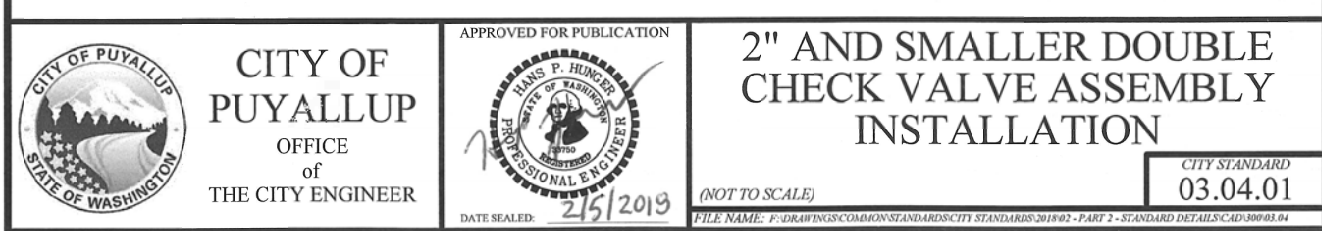
- All work in City right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the engineering plans, representatives 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, proposing 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), or as directed by Fruitland Mutual Water Company (FMWC), Valley Water (VM), or Tacoma City Water (TCW) is the purveyor.
- 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, the Engineering Services Staff, and the FMWC, VM 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.
- 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 requires removal or relocation relating to this project shall be done so at the developer's expense.
- Bacteriological (Coliform and/or Bacterial) test samples will be taken by the City (or FMWC, VM 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.
- 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 easements.
- 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 214-1964.
- 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, VM or TCW when served by that purveyor) shall approve the time and location for these connections.
- 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.
- 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.
- Valve marker posts shall be installed where valve boxes are hidden from view or in unimproved areas. The installation shall be in accordance with City Standard Detail 03.01.02.
- Resilient seated wedge gate valves shall be used for 10-inch mains and smaller. Butterfly valves shall be used for mains greater than 10 inches.
- Pipe fitting for water mains shall be ductile iron and shall be mechanical joint conforming to AWWA Specification C111-72.
- Water main pipe and service connections shall be a minimum of 10 feet away from building foundations and/or roof lines.
- 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.



- NOTES:**
- SERVICE LINE MAY BE 200 PSI POLY PIPE IN UNCONTAMINATED SOILS. IN SOILS THAT MAY CONTAIN HYDROCARBONS USE 1" x 1/2" COPPER PIPE.
 - PIPE TO BE BEDDED WITH MATERIAL FREE OF ROCKS.
 - POLY PIPE SHOULD BE PLACED IN THE TRENCH IN A SNAKELIKE FASHION (NOT STRAIGHT WITHOUT SLACK). THIS WILL ACCOMMODATE GROUND MOVEMENT AND KEEP PRESSURE OFF THE FITTINGS.
 - PLASTIC WATER SERVICE PIPING MAY TERMINATE WITHIN A BUILDING, PROVIDED THE CONNECTION TO THE POTABLE WATER DISTRIBUTION SYSTEM SHALL BE ACCESSIBLE. SEE THE CURRENT UNIFORM PLUMBING CODE FOR MORE INFORMATION.
 - THE MAIN SHUT-OFF VALVE, PRESSURE REDUCING VALVE, AND STRAINER SHALL BE LOCATED INSIDE THE BUILDING IN AN ACCESSIBLE LOCATION. THEY SHOULD BE LOCATED BEFORE ANY BRANCH CONNECTIONS, AND PROTECTED FROM FREEZING. THE MAIN SHUT-OFF VALVE SHALL BE BRASS.
 - ALL PROPERTIES WITH WATER SERVICE CONNECTIONS LOCATED SOUTH OF 15TH AVE SE AND SOUTH OF 15TH AVE SW SHALL HAVE AN APPROVED PRIVATELY OWNED AND PRIVATELY MAINTAINED PRESSURE REDUCING VALVE (PRV) LOCATED ON THEIR WATER SERVICE LINE.
 - ALL PROPERTIES WITH IRRIGATION BRANCH CONNECTIONS LOCATED SOUTH OF 15TH AVE SE AND SOUTH OF 15TH AVE SW SHOULD HAVE AN APPROVED PRIVATELY OWNED AND PRIVATELY MAINTAINED PRESSURE REDUCING VALVE (PRV) LOCATED ON THEIR IRRIGATION BRANCH LINE.
 - ALL INSTALLATIONS WITHIN TWO (2) FEET OF THE BUILDING SHALL COMPLY WITH THE CURRENT UNIFORM PLUMBING CODE.



- NOTES:**
- BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
 - THE DOVA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACKFLOW 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.
 - DOVA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
 - DOVA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF WATER METER, WHEN IRRIGATION SYSTEM IS CONNECTED OFF DOMESTIC WATER LINE. IRRIGATION DOVA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF THE BRANCH CONNECTION.
 - DOVA SHALL BE SIZED EQUAL OR COMPARABLE TO METER SIZE.
 - 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 DOVA.



- New water mains shall be filled using an approved backflow prevention assembly. The water main shall be filled from the lower elevation end and so that as the water main is filled, the chlorine 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 1 ft/sec (see table above). Successful pressure test and bacteriological tests shall be completed and provided to the City prior to any new water main connection to the existing water system.
- 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 pressure 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.
- 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.
- 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) 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.
- Samples for bacteriological analysis shall be collected after flushing and again 24 hours after the first set of samples.
- 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: 6/25/25



APPROVED

BY: _____ 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.

Water Details

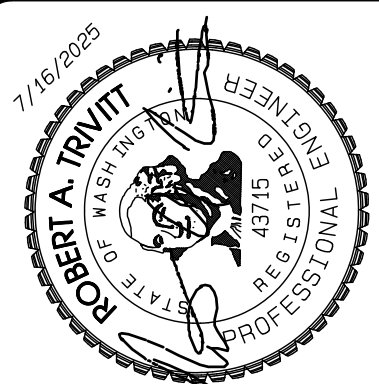
Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA, 98057
Phone 206.235.3683
Fax ron@tacotime.com

DRAWING

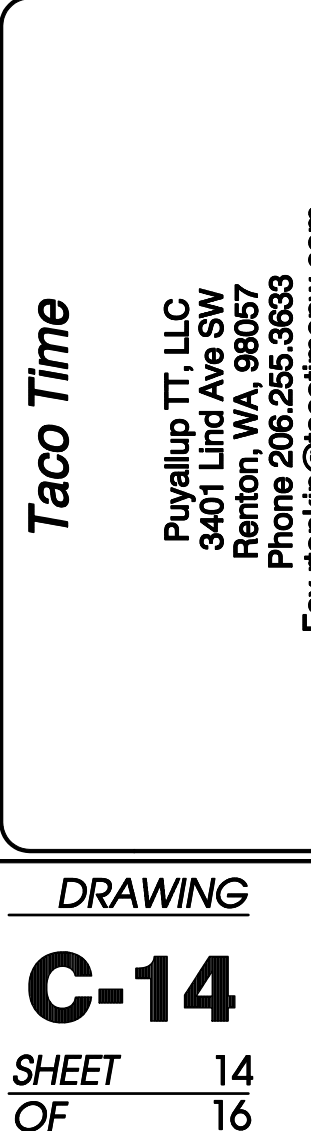
C-14

SHEET 14
OF 16



REVISION	DATE	DESCRIPTION
1	1/9/24	Revised per City Review.
2	6/19/24	Revised per City Review. Switch to permeable pavement.
3	6/19/24	Revised per City Review. Switch to permeable pavement.
4	10/17/24	Revised to meet Washington State Department of Health's list of backflow prevention assemblies.
5	12/3/24	Added to new project. Clarify. Page 2. Update title. Results. C-3, C-4, C-5, C-6, C-7, C-8, C-9, C-10, C-11.
6	2/13/25	Revised. Switch cells to structural soil. C-6, C-7, C-8, C-9, C-10, C-11.
7	6/25/25	Revised. Switch cells to structural soil. C-6, C-7, C-8, C-9, C-10, C-11.

JOB NO.	DATE	DESIGNED BY	CHECKED BY	APPROVED BY
2537	JULY 14, 2023	Paul Green	Paul Green	Paul Green
		Paul Green	Paul Green	Paul Green
		Paul Green	Paul Green	Paul Green
		Paul Green	Paul Green	Paul Green



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



1. SAMPLING CONNECTION SHALL BE INSTALLED OUT SIDE WITH UNOBSTRUCTED ACCESS AT ALL TIMES.
2. A SAMPLING CONNECTION SHALL BE INSTALLED FOR EACH COMMERCIAL / RETAIL UNIT OR SPACE.
3. CLEAN OUT AND SAMPLING CONNECTION COVERS:
 - A) FOR NON-VEHICULAR TRAFFIC INSTALLATIONS USE "CARSON" MODEL 910 GREEN YARD BOX WITH BOLT DOWN LID MARKED SEWER OR APPROXIMATELY EQUAL.
 - B) FOR ASPHALT, GRAVEL, OR TRAFFIC INSTALLATIONS USE CITY STANDARD DETAIL NO. 04.03.05 FRAME AND COVER SECTION.
4. EACH CLEANOUT ASSEMBLY SHALL CONSIST OF: ONE CLEANOUT ADAPTER, HUB x FEMALE, FITT, PVC SI AND ONE CLEANOUT PLUG, MOPT WITH RAISED NUT, SDR35.



COMMERCIAL SIDE SEWER CONNECTION WITH SAMPLING CONNECTION

DRAWN BY M ERWIN-SVORODA	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN HARRIS	REVISED BY LINDA LIAN	CITY STANDARD
FILE NAME L:\DWG\CS\COMMON\ETD\CTY\2006\A - ETD\040304.DWG	DATE APPROVED 04/03/04	DATE REVISYD 04/03/04	SCALE 1:1	04 03 04

304



SCALE 1:1



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

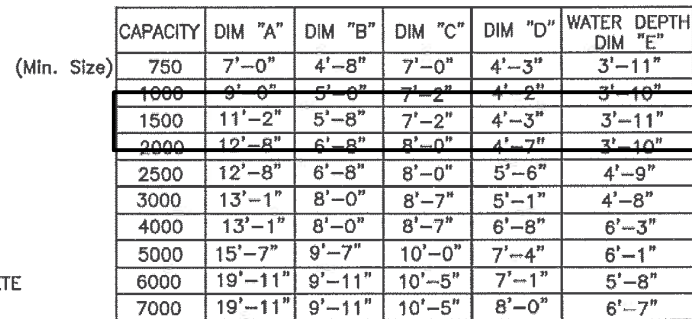
SCALE 1:2



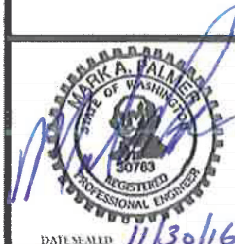
**SIDE SEWER CLEAN OUT
WHEN PLACED IN DRIVEWAY**

DRAWN BY JIM IRWIN-SVODGA	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN HARRIS	REVISED BY XXXX	CITY STANDARD
FILE NAME FILED C:\DATA\BANK\EXTRACTS\2000\04_10M\040103.M		DATE APPROVED	DATE REVISD	SCALE 04 03

03



- NOTES:**
1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH
f'c = 4500 psi
 2. REBAR: ASTM A-615 GRADE 60
 3. MESH: ASTM A-185 GRADE 65
 4. DESIGN: ACI-318-83 BUILDING CODE
ASTM C-857 "MINIMUM STRUCTURAL DESIGN
LOADING FOR UNDERGROUND PRECAST CONCRETE
UTILITY STRUCTURES"
 5. MINIMUM VAULT DIMENSIONS BASED ON UTILITY VAULT.
OTHER MANUFACTURER'S SIZING MAY VARY.
- * SEE CITY STANDARD DETAIL NO. 04.06.02
FOR ADDITIONAL NOTES

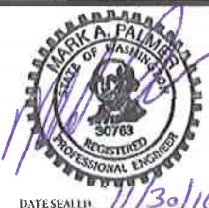


CITY OF
PUYALLUP
OFFICE
of
THE CITY ENGINEER

GREASE INTERCEPTOR

CHECKED BY COLLEEN HARRIS	APPROVED BY MARK PALMER	REVISED BY LINDA LIAN	DATE REVISED 11/28/16	CITY STARKSBURG
TDS/CITY/009/04 SS/04.06.04.06.00		DATE APPROVED 03/01/2009	SCALE 1:8	04.06.0

16.0



CITY OF
PUYALLUP
OFFICE
of
THE CITY ENGINEER

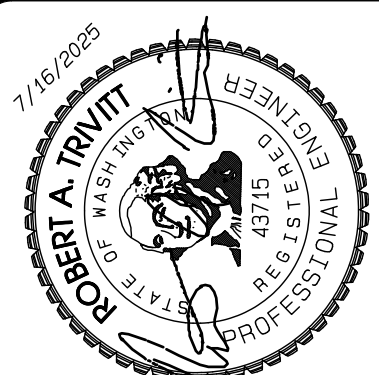
GREASE INTERCEPTOR (NOTES)

DRAWN BY LINDA LIAN	CHECKED BY COLLEEN HARRIS	APPROVED BY MARK PALMER	REISSUED BY LINDA LIAN	DATE REVISED 11/2016	CITY STANFORD
FILE NAME F:\PWG\CAD\COMMON\TDS\CITY\2009\01_55-01-06\04.06.02			DATE APPROVED 03/01/2009	SCALE NTS	04.06.02

.02

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) 841-5588. 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 the American Road & Builders Builders 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 Engineering Services Staff prior to any implementation in the field. The City shall not be responsible for any errors and/or omissions on these plans.
6. The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted 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 40110L epoxy lining or equivalent, unless otherwise noted. 12-inch through 30-inch pipe shall be installed with a minimum 12-month interior cure and exterior cure and must 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 psi and meet in accordance with ASTM D2412. Testing shall be per ASTM F4147. Trenching, bedding, and backfill shall be in accordance with City Standard No. 06.01.01. Minimum cover on PVC and PP pipe shall be 3.0 feet. Minimum cover on ductile iron pipe shall be 1.0 foot.
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. 04.01.04, 04.01.02, 04.01.03 and 04.01.04. All manholes shall be constructed for future lines as specified on these plans. Manhole sizes and ladder shall conform to Standard No. 06.01.03.
13. 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 foundation and roof lines are finished and the finished asphalt roadway and the asphalt patch and seal around the ring are accepted.
15. For commercial developments in which sources of grease and/or oils may be introduced to the City sanitary sewer system, a City approved grease interceptor shall be installed downstream from the source.
16. 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: | |
| NOTE: | |
| | THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. |
| | THE CITY WILL NOT BE RESPONSIBLE |



REVISION	DATE
1 Revised per City review.	6/18/24
2 Revised per City review. switch to permeable pavement.	6/18/24
3 Revised per City review.	9/11/24
4 Revised to full dispersion.	10/17/24
5 Revised to full dispersion. change 2 grade strip widths. C-5-48-62 6-13.	10/17/24
6 Revised Silva cells to structural soil. C-6, 7, 8-5 -11.	2/15/25
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 fax: 253.770.3142

Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA, 98057
Phone 206.255.3633

Phone 206.255.3633

SS Details

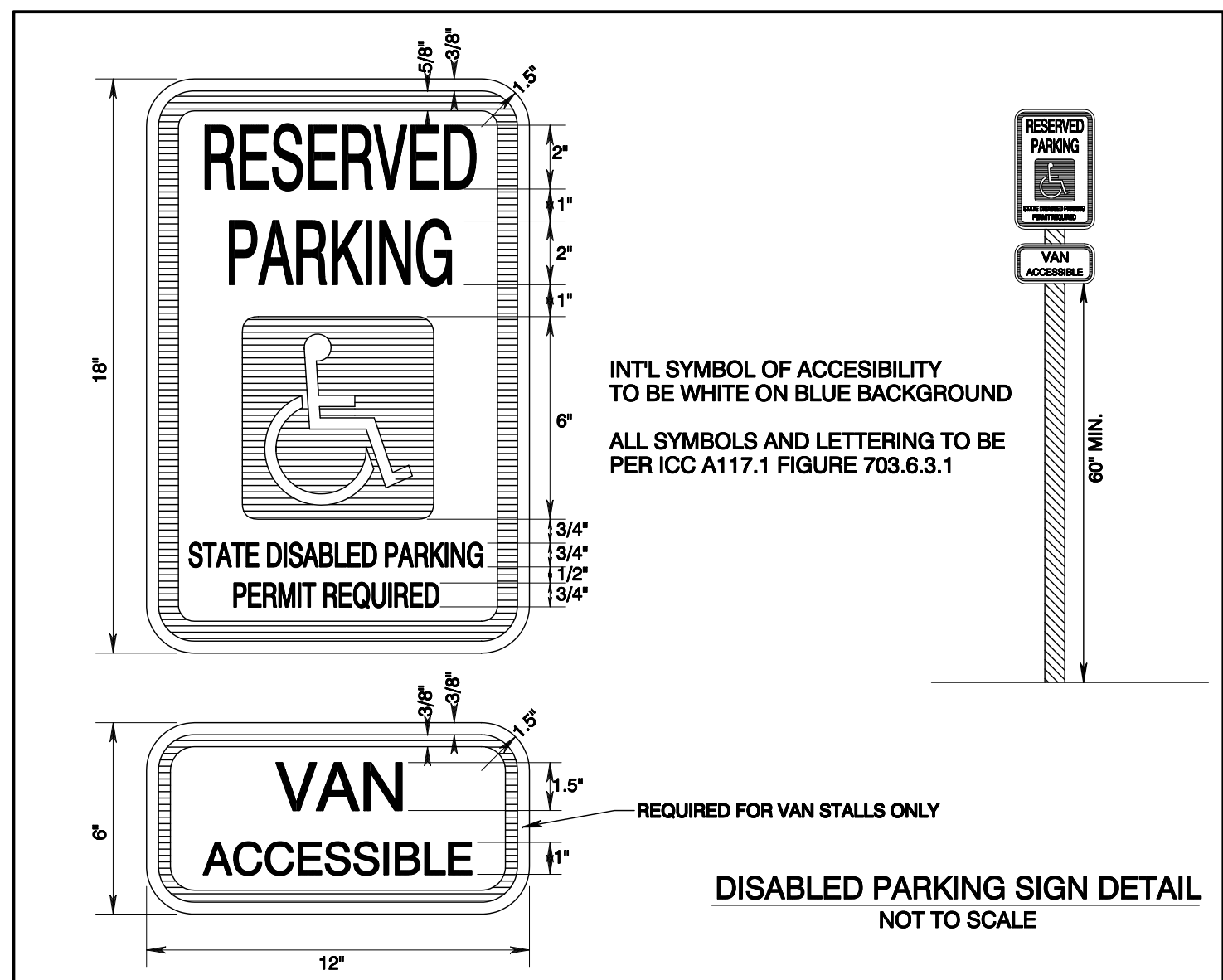
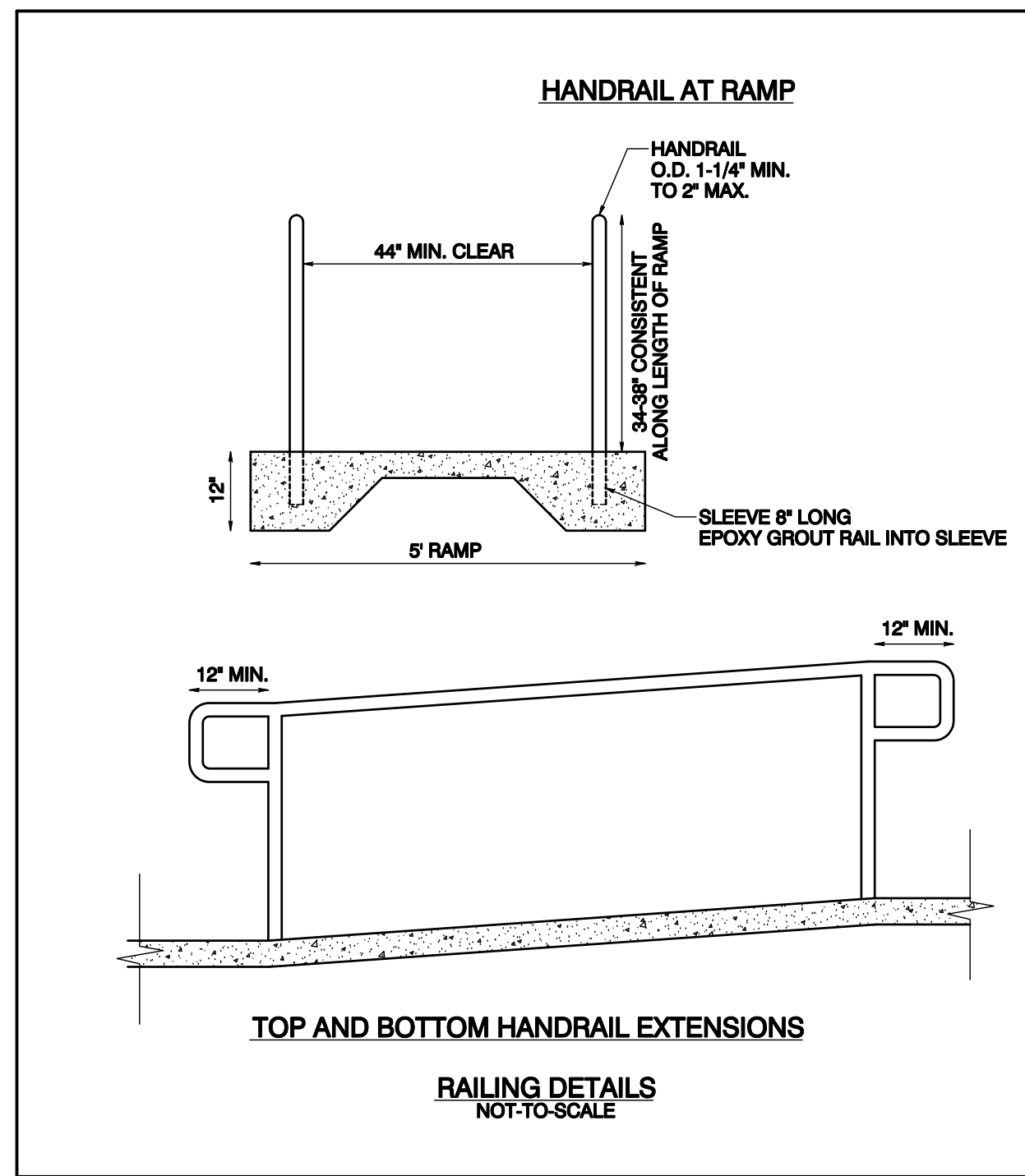
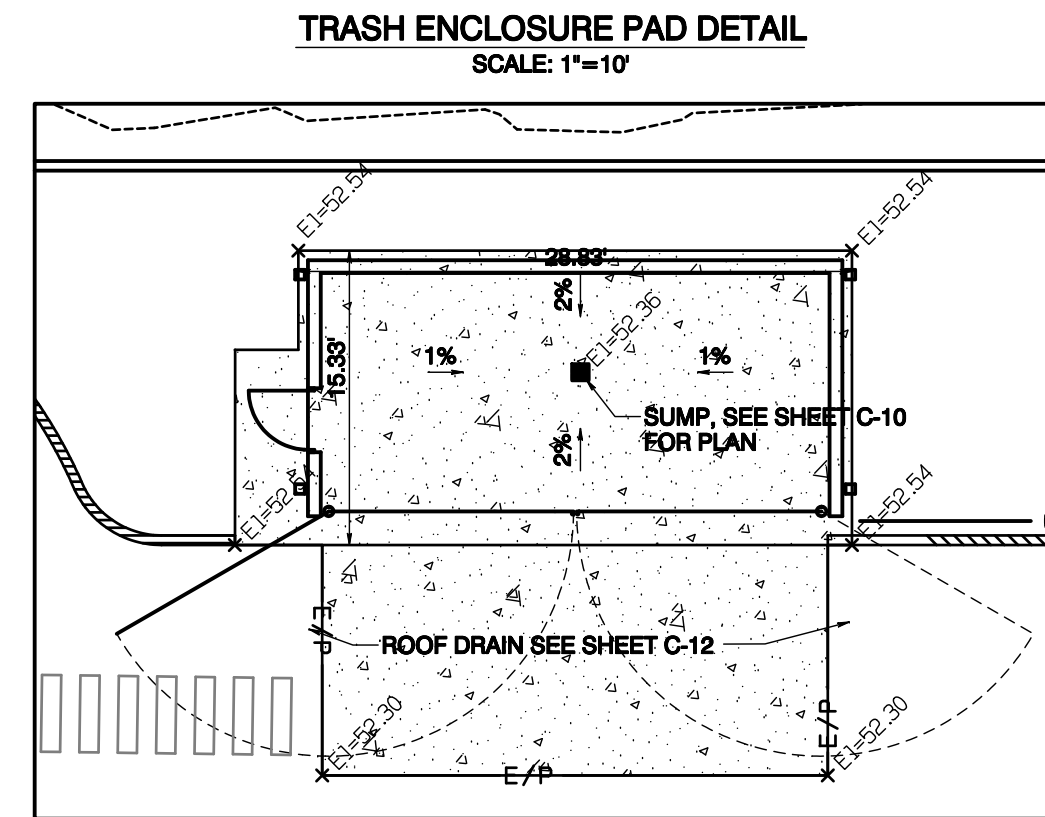
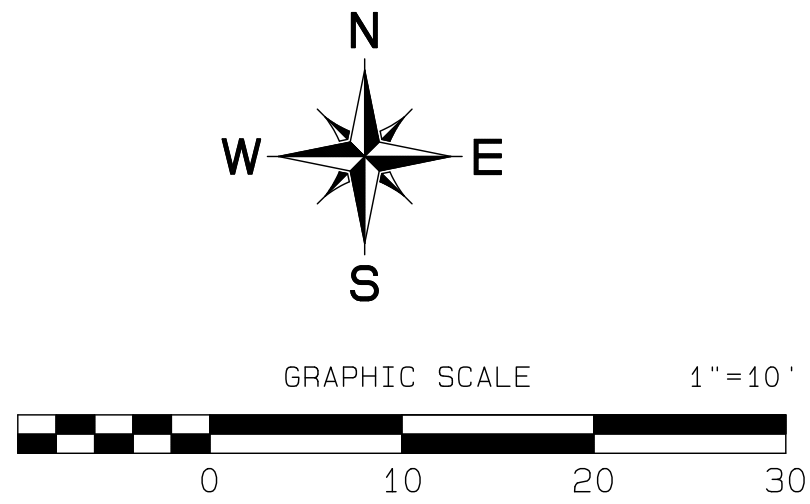
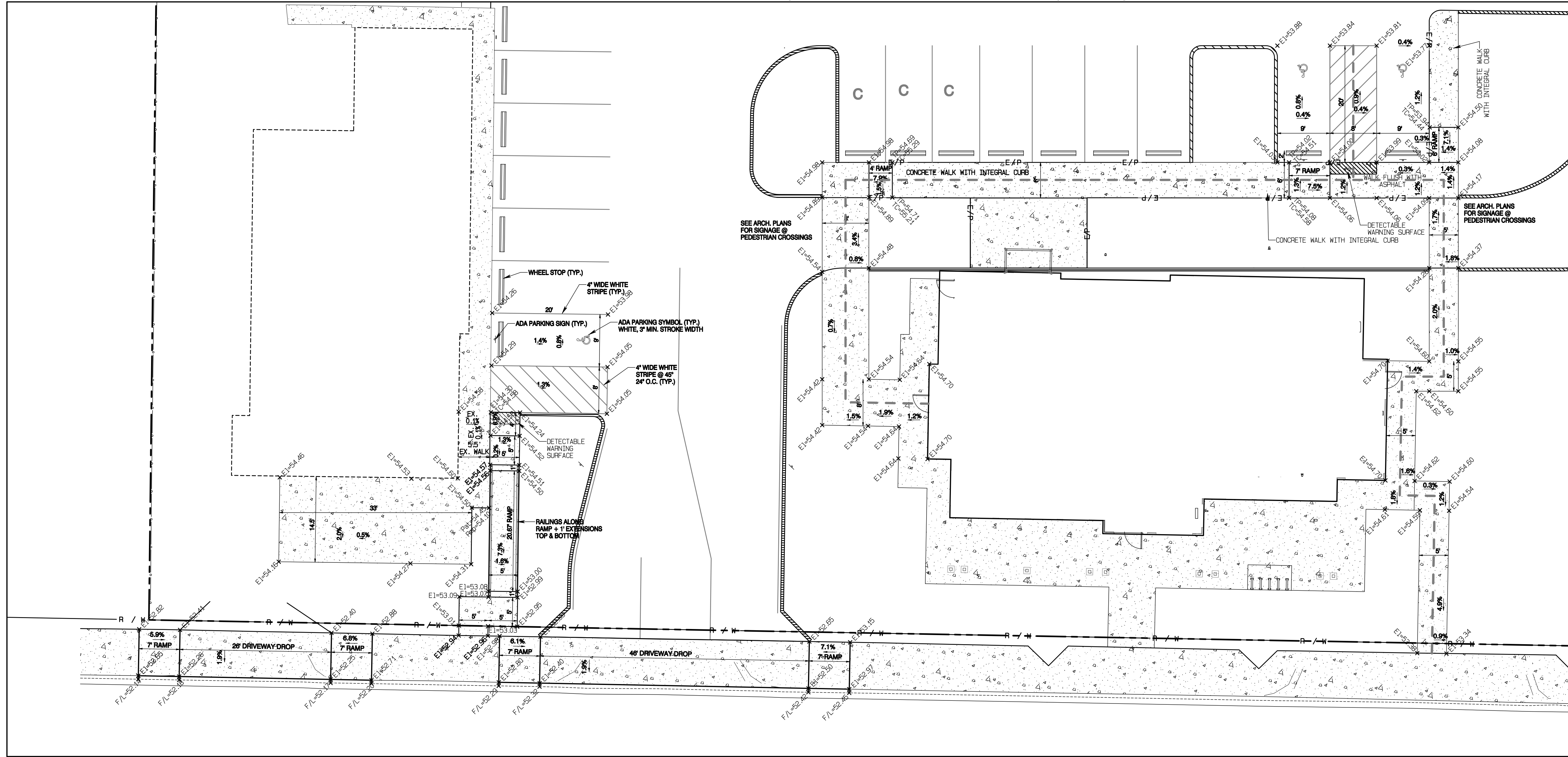
DRAWING

C-15

<i>SHEET</i>	15
<i>OF</i>	16

Project Desc.:	Taco Time	Path:	F:\Jobs\2935 - Taco Time\Tmwin\taco	Plot Date/Time:	7/16/2025/9:43:34AM
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Taco Time
Section 27, Township 20 N, Range 4 E, Willamette Meridian, Pierce County, Washington



RECORD DRAWING CERTIFICATION
THESE PLANS ARE RECORD DRAWINGS AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: 6/8/25



APPROVED

BY: 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.

Grading/ADA Route Details

Taco Time

Puyallup TT, LLC
3401 Lind Ave SW
Renton, WA 98057
Phone 206.235.3683
Fax ronktn@tacomtime.com

DRAWING
C-16
SHEET 16
OF 16

AZURE GREEN
CONSULTANTS

feasibility • planning • engineering • surveying

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

JOB NO. 2305
DATE: JULY 14, 2023
DESIGNED BY: Paul Green
DRAWN BY: Rob Trivitt
CHECKED BY: Paul Green
APPROVED BY: Paul Green

REVISION	DATE	DESCRIPTION
1	1/9/24	Revised per City Review.
2	6/19/24	Revised per City Review, switch to permeable pavement.
3	7/1/24	Revised to add ADA ramp.
4	10/17/24	Revised to add ADA ramp.
5	12/1/24	Add to tree protection, clarify top 2' grade until details, C-3, 4, 5, 6, 7, 8, 9, 10, 11.
6	2/13/25	Revised Slope cells to structural soil, C-6, 7, 8, 9, 10, 11.
7		
8		
9		
10		

