

AGENDA
CITY OF STEVENSON COUNCIL MEETING
September 18, 2025
6:00 PM, City Hall and Remote

Call-in numbers 253-215-8782, 669-900-6833, 346-248-7799, 312-626-6799, 929-205-6099 or
301-715-8592, Meeting ID 889 7550 7011, Zoom link
<https://us02web.zoom.us/j/88251202134>
or via YouTube at <https://www.youtube.com/channel/UC4k9bA0IEEvsF6PSoDwjJvA/>

Items with an asterisk (*) have been added or modified after the initial draft publication of the Agenda.

1. CALL TO ORDER/PRESENTATION TO THE FLAG: Mayor to call the meeting to order, lead the group in reciting the pledge of allegiance and conduct roll call.

2. PUBLIC COMMENTS: *[This is an opportunity for members of the audience to address the Council. If you wish to address the Council, please sign in to be recognized by the Mayor. Comments are limited to three minutes per speaker. The Mayor may extend or further limit these time periods at his discretion. The Mayor may allow citizens to comment on individual agenda items outside of the public comment period at his discretion. Please submit written comments to City Hall in person at 7121 E. Loop Rd, via mail to PO Box 371, Stevenson, WA 98648 or via email to wesley@ci.stevenson.wa.us by noon the day of the meeting for inclusion in the council packet.]*

3. CHANGES TO THE AGENDA: *[The Mayor may add agenda items or take agenda items out of order with the concurrence of the majority of the Council].*

4. CONSENT AGENDA: The following items are presented for Council approval. *[Consent agenda items are intended to be passed by a single motion to approve all listed actions. If discussion of an individual item is requested by a Council member, that item should be removed from the consent agenda and considered separately after approval of the remaining consent agenda items.]*

a) Water Leak Adjustment - The Council is asked to authorize an adjustment for Account No. 22290. The excess usage was a result of a malfunctioning faucet left on in the homeowner's garden which has been addressed. Council is asked to authorize waiving \$211.02 from the customer's bill due to the error.

b) Minutes of August 2025.

MOTION: To approve consent agenda items a-b.

5. SHERIFF'S OFFICE REPORT:

- a) **Sheriff's Report** - The Skamania County Sheriff's report for activity within Stevenson city limits for the prior month is presented for council review.

6. COUNCIL BUSINESS:

- a) **Budget Planning Calendar Presentation** - City Administrator Wootten presents the proposed calendar for planning the 2026 Stevenson Budget, and invites feedback on the scheduled dates for council and public participation.
- b) **Ord. 2025-1231 - City Engineering Standards** - Public Works Director Cody Rosander presents Ordinance 2025-1231, setting the engineering standards for the City of Stevenson public works construction projects.

Motion: To approve Ordinance 2025-1231 setting the engineering standards for the city Public Works Department.

- c) **Special Water Leak Adjustment** - City Council is asked to consider an excess water leak adjustment for Account #12910 in the amount of \$11,787.62 due to a line break at the customer's residence. This amount exceeds the maximum reimbursement limit of \$1000.

Motion:

7. INFORMATION ITEMS:

- a) **Chamber of Commerce Report** - The report presented describes some of the activities conducted by Skamania County Chamber of Commerce in the prior month.
- b) **Financial Report** - The Treasurer's Report and year-to-date revenues and expenses through the prior month are presented for council review.

8. CITY ADMINISTRATOR AND STAFF REPORTS:

- a) Ben Shumaker, Community Development Director
- b) Cody Rosander, Public Works Director
- c) Wesley Wootten, City Administrator

9. VOUCHER APPROVAL: Vouchers will be presented prior to the meeting for council review.

10. MAYOR AND COUNCIL REPORTS:

11. ISSUES FOR THE NEXT MEETING: *[This provides Council Members an opportunity to focus the Mayor and Staff's attention on issues they would like to have addressed at the next council meeting.]*

12. ADDITIONAL PUBLIC COMMENT: *[This is an opportunity for members of the audience to address the Council for items discussed at the meeting.]*

13. EXECUTIVE SESSION - NONE.

14. ADJOURNMENT - Mayor will adjourn the meeting.

=====

WATER ADJUSTMENT WORKSHEET

Meter # 406450

WATER ADJUSTMENT WORKSHEET

Serial # 21146850

Customer: Pettyjohn, k Account # 22290

Read after Request 29,580

Date Repaired: 9/4/2025

Use ... 121

20th read 29459

Cubic Foot Leakage:		Average Cubic Foot Usage:		Excess \$ Amount
Month:	Aug-25	1	652	\$12.60
		2	344	\$0.00
Usage:	5195	3	301	\$0.00
		4	177	\$0.00
Average Us	312.1667	5	275	\$0.00
		6	124	\$0.00
Leak Total	4882.833	0	1873 Total	Avg \$2.10
		Avg.	312.1667	0

Leak: Cu ft Total less average usag 4882.833 X 0.0084 = Adjustme 41.02

Leak ... Actual Bills:

Average Usage Bill:

Month	August			
Water	20.62			20.62
Excess	254.14			2.1
Sewer	70.46		0	70.46
Excess	0		0	
Totals	345.22	0	0	93.18
Actual Leak Bill	345.22	Avg Bill	93.18	Less Adj Fe 41.02

Recommended Credit Requested:

\$211.02

Max Reimbursement

\$1,000

Karen Pettyjohn
242 N.W. Willard St
Stevenson, WA 98648
P.O. Box 1127

acct# 22290

Thank you for letting me know my water
was on without my knowledge.

I think what happened is when I went to
turn off the faucet it did not budge. I watered
my Rhodys with a soaker hose under the bark
chips from a split hose in the back yard. Finding
a plumber was not easy. Finally a sweet couple at
church said they thought they could fix it - and
they did. Now I'll know to disconnect the hose
from the "Y" to confirm the water is off.

Sincerely,

Karen Pettyjohn
530-413-6743

CITY OF STEVENSON

7121 E. Loop Rd.
PO BOX 371
Stevenson, WA 98648-0371

BILLING PERIOD	
7/21/2025-8/20/2025	
DUE DATE	ACCOUNT NUMBER
09/10/2025	22290
BILL DATE	AMOUNT DUE:
08/31/2025	345.22
ACCOUNT HOLDER	
Karen Pettyjohn	
SERVICE LOCATION	
2229.0 - 242 NW WILLARD STREET	

SERVICE	READING DATE	METER READINGS		FACTOR	USAGE	CHARGES
		PREVIOUS	PRESENT			
Water	08/20/2025	24264	29459	1.0000	5195	<div> <div>Previous Balance: 104.44</div> <div>Adjustments: 0.00</div> <div>Payments: 104.44</div> <div>Balance Forward: 0.00</div> <div>Water 20.62</div> <div>Water Consumption 254.14</div> <div>Sewer 70.46</div> </div>
<div> <div>WATER CONSUMPTION HISTORY</div> </div>						<div> <div>Current Charges: 345.22</div> <div>Balance: 345.22</div> </div>
		30:	0.00	60:	0.00	90+: 0.00

DUE DATE	AMOUNT DUE
09/10/2025	345.22
SERVICE LOCATION	
2229.0 - 242 NW WILLARD STREET	
ACCOUNT NO.	AMOUNT ENCLOSED
22290	

Karen Pettyjohn
PO Box 1127
Stevenson, WA 98648-1127

City Of Stevenson
7121 E Loop Road
PO Box 371
Stevenson, WA 98648-0371

DRAFT MINUTES
CITY OF STEVENSON COUNCIL MEETING
August 21, 2025

Attending: Elected officials Mayor Scott Anderson; Councilmembers Pat Rice, Michael Johnson, Lucy Lauser, Chuck Oldfield, Dave Cox.

Staff: City Administrator Wesley Wootten; Community Development Director Ben Shumaker; Public Works Director Cody Rosander; Fire Chief Ray Broughton; City Attorney Robert Muth.

Guests: Tim Shell, Shell Engineering; Skamania County Undersheriff Tracy Wyckoff

Public Attendees:

1. CALL TO ORDER/PRESENTATION TO THE FLAG: Mayor Anderson called the meeting to order at 6:00 p.m., led the group and audience in reciting the pledge of allegiance and conducted roll call. He asked for the sign-up sheet for public commenters.

2. PUBLIC COMMENTS:

a) Public Comment Received:

- Bob Wertheimer commented on the sewer ordinance and the potential cost of hooking up to the system. He suggested looking at the brewing industry to reduce waste, and stated he had not received any data he has requested regarding analysis of the system.
- Michael Barry supported the purchase of a new fire engine for Stevenson.
- Dean Maldonado with FDM Development stated he was eager to begin the project at Rock Creek.
- Sam Kinestead commented on mowing needs for Iman Road. He also shared a notice sent by the city after he missed his water service payment by just two days. He urged the city to use a friendlier approach.

Written comments submitted by Mitch Patton received on 07/28/2025 were included in the meeting packet.

3. CHANGES TO THE AGENDA

a) Fire Department Report – **Stevenson Fire Chief Ray Broughton** to provide an update to Council on work and activities of the Fire Department.

b) USDA Loan Resolution - Council is asked to approve a resolution authorizing the USDA loan in the amount of \$873,000 and grant in the amount of \$70,600 for the city water and sewer system. An ordinance authorizing the bond was approved at the May 2025 City Council meeting.

4. CONSENT AGENDA:

The following items were presented for Council approval.

a) City Administrator Contract - **Wesley Wootten** – Stevenson City Council was asked to approve the employment contract of **Wesley Wootten for Stevenson City Administrator**.

b) Water Leak Adjustment - The Council was asked to authorize an adjustment for Account No. 23450. The excess usage was a result of a leaking sprinkler that is being addressed by the homeowners. Council was asked to authorize waiving \$157.60 from the customer's bill due to the leak.

c) Minutes of July 17, 2025.

- **MOTION** to approve consent agenda items a-c was made by **Councilmember Lauser**, seconded by **Councilmember Rice**.

Voting aye: **Councilmembers Rice, Cox, Lauser, Johnson, Oldfield**.

5. SHERIFF'S OFFICE REPORT:

a) Sheriff's Report - The Skamania County Sheriff's report for activity within Stevenson city limits for the prior month was presented for council review by Skamania County Undersheriff Tracy Wyckoff. He thanked **Councilmembers Cox and Rice**, and **City Administrator Wootten** for meeting that day with staff at the Sheriff's Office. No questions were asked concerning the July 2026 data presented.

Mayor Anderson moved several agenda items up closer to the top of the order.

a) Fire Department Report –**Stevenson Fire Chief Broughton** provided information on recent meetings with **City Administrator Wootten**, Ann Lueders from Skamania County EMS, and **City Councilmember Cox** regarding the work and activities of the Fire Department as transitions take place within fire department operations. Shared trainings with EMS will include emergency vehicle driving, extractions from road accidents, CPR and First Aid. He responded to questions recently raised about his volunteer status.

b) Tim Shell with Shell Engineering spoke about engineering standards plans. He is working on completing details with the city staff to ensure consistency within public infrastructure projects, including Right-of-Ways, streets, erosion control, storm water diversion and more. There are over 100 standards, many over 20 years old. Some standards have been newly created to help streamline permitting for single-family home construction.

Councilmember Rice had questions regarding the adoption of engineering standards that address fire prevention in new home construction. Shell noted the current work is mainly for public infrastructure projects, and the home building concern would be likely covered under Universal Building Codes.

Cody Rosander, Stevenson Public Works Director advised an ordinance would be coming before Council to adopt the new standards. Councilmembers agreed to consider the

ordinance at the September 2025 Council meeting rather than have the Planning Commission review the changed standards.

6. COUNCIL BUSINESS:

a) *Public Hearing - Proposed Short Plat Vacation for Rock Cove Hospitality (SP2025-01). The City Council was asked to hear public testimony and review a partial short plat vacation. The proposal removes a lot line/lot and realigns public access easements on the property.

City Attorney Robert Muth administered the Fairness Doctrine to Councilmembers. The Appearance of Fairness Doctrine is a rule of law requiring government decision-makers to conduct non-court hearings and proceedings in a way that is fair and unbiased in both appearance and fact.

All Councilmembers reported no financial stake or conflict of interest in the proceeding before them; they could make a fair and impartial decision; and they had engaged in no ex-parte communications with any of the interested parties. **Councilmember Cox** reported he had talked with Dean Muldano a year ago, but noted no further communication. No objections were received.

The public hearing was opened at 6:21 p.m. by **Mayor Anderson**.

Ben Shumaker, Community Development Director, presented the staff report.

Introduction: The Planning Department received a short plat application for alteration of a plat along Rock Creek Drive. The proposal involves a) consolidation of the 2 lots into 1, and b) relocation of a public access easement on the site. Owned by an investment group, the 2 properties involved are currently vacant and the site of a development proposal. The tax lot numbers for the properties are 02-07-01-0-0-1302 and -1303.

Per the city code, the City Council must review these proposals and find the public use and interest prior to approval. The development has been approved through the Shoreline Master Program. All reviews have been found appropriate.

Comments received:
None

The public hearing was closed by **Mayor Anderson** at 6:27 p.m.

- **MOTION** to approve this application for short plat vacation based on the public interest in aligning public use easements and public access areas was made by **Councilmember Rice**, seconded by **Councilmember Johnson**.

Voting aye: **Councilmembers Rice, Cox, Lauser, Johnson, Oldfield**.

b) Fire Engine Purchase Authorization -

The City Council was asked to authorize the purchase of one Class A Pumper Fire Apparatus on a Freightliner chassis from Toyne, Inc., in accordance with the attached proposal. The base purchase price is \$535,420 (excluding applicable taxes), which includes pre-construction and inspection costs for two personnel.

Due to supplier volatility in the current marketplace, the vendor has noted that the City will be responsible for any price increases mandated by the chassis manufacturer or other suppliers after the order is placed. Any such increases will be documented in a change order and added to the final invoice.

- **MOTION** to authorize the purchase of one Class A Pumper Fire Apparatus on a Freightliner chassis from Toyne, Inc. for \$535,420 (excluding applicable taxes) was made by **Councilmember Lauser**, seconded by **Councilmember Oldfield**.

Following the motion a short discussion took place on the contract, the procurement process, contingency amounts, and final costs. **Fire Chief Broughton** provided details on the contract and additional items required prior to having the truck placed in service. He estimated the contingency cost at approximately 10%, with an ultimate price of possibly \$600,000 for the apparatus.

Councilmember Rice received details from **Chief Broughton** on final costs, refurbishment of vehicles, fire department contracts, usage of vehicles, and maintenance of apparatus by rural and city departments.

Voting aye: **Councilmembers Cox, Lauser, Rice, Johnson, Oldfield**.

c) Ord. 2025-1228 - Business License Update (Exemption Threshold) - **City Administrator Wesley Wootten** presented and explained Ordinance 2025-1228, amending SMC 5.04 to raise the annual income threshold for business license exemptions from \$2,000 to \$4,000. He noted this action would bring Stevenson into compliance with Washington State's business licensing process.

- **MOTION** to approve Ordinance 2025-1228 Business License Update (Exemption Threshold) was made by **Councilmember Lauser**, seconded by **Councilmember Johnson**.

Voting aye: **Councilmembers Cox, Lauser, Rice, Johnson, Oldfield**

d) Res. 2025-457 - Fee Schedule Update (Business License Fee) - **City Administrator Wesley Wootten** presented and explained Resolution 2025-45, increasing the business license fee from \$10 to \$25. Currently Stevenson's fee is among the lowest in Washington.

- **MOTION** to approve resolution 2025-457 increasing the business license fee from \$10 to \$25 was made by **Councilmember Johnson**, seconded by **Councilmember Lauser**.

Following the motion **Councilmember Cox** suggested making sure changes are viable and necessary. **Councilmember Rice** questioned who will be affected, and how much extra revenue will be realized.

Voting aye: **Councilmembers Cox, Lauser, Johnson, Oldfield**

Voting nay: **Councilmember Rice**.

e) Ord. 2025-1229 - Sewer Billing Policy - **City Administrator Wesley Wootten** presented and explained Ordinance 2025-1229, amending SMC 13.10.080 to clarify that monthly sewer charges are to begin after installation and passage of inspection.

- **MOTION** to approve Ordinance 2025-1229 clarifying the initiation of monthly sewer charges was made by **Councilmember Lauser**, seconded by **Councilmember Oldfield**.

Voting aye: **Councilmembers Cox, Lauser, Johnson, Oldfield**

Voting nay: **Councilmember Rice**.

f) Ord. 2025-1230 - Small Works Roster - **City Administrator Wesley Wootten** presented Ordinance 2025-1230, reaffirming the city's Small Works Roster process and procedure. He asked **City Attorney Muth** to explain the purpose. **Muth** advised the state requires an ordinance and resolution to be in place in support of a policy regarding usage of the Small Works Roster, which reduces the need to go out for bids when projects are under a certain dollar amount. The ordinance will address the dollar amount and the policy will give direction to public works and how they can actually contact and contract with a business or individual. The City of Stevenson did not currently have any of those items in place.

- **MOTION** to accept Ordinance 2025-1230 reinforcing the Small Works process and procedure was made by **Councilmember Cox**, seconded by **Councilmember Rice**.

Voting aye: **Councilmembers Cox, Lauser, Johnson, Oldfield, Rice**

g) Res. 2025-458 - Small Works Roster Policy Manual - **City Administrator Wesley Wootten** presented Resolution 2025-458, outlining the procedures of the Small Works Roster Ordinance.

- **MOTION** to approve Res. 2025-458 outlining the procedures of the Small Works Roster Ordinance was made by **Councilmember Johnson**, seconded by **Councilmember Rice**

Voting aye: **Councilmembers Cox, Lauser, Johnson, Oldfield, Rice**

h) USDA Loan Resolution - Council was asked to approve a resolution authorizing the USDA loan in the amount of \$873,000 and grant in the amount of \$70,600 for the city water and sewer system. **Public Works Director Rosander** explained the details of the loan and grant process. An ordinance authorizing the bond was approved at the May 2025 City Council meeting.

- **MOTION** to approve the resolution to authorize the USDA loan in the amount of \$873,000 and grant in the amount of \$70,600 for the city water and sewer system was made by **Councilmember Johnson**, seconded by **Councilmember Cox**.

Voting aye: **Councilmembers Rice, Cox, Johnson, Lauser, Oldfield**.

i) Discussion - Sewer Ordinance Implementation

Public Works Director Rosander provided information on the steps Public Works has taken to contact affected property owners regarding their intent to connect to the sewer system. **City Attorney Muth** is drafting a connection agreement form. Public Works is developing a tracking system to follow the progress of connections. An appeals process is explained in the letters. Appeals must be submitted within 90 days.

Councilmember Oldfield suggested clearer language inviting property owners to come and talk with Public Works staff, and the inclusion of a reference to the exemptions contained in the ordinance on page 12. There is a 5% threshold on assessed property values.

- **MOTION** to postpone implementation of the ordinance until after January 1, 2026 was made by **Councilmember Cox**, seconded by **Councilmember Rice**.

Following the motion, a discussion took place, with much of it centered on interpretations of how many readings of an ordinance are required and how many were held prior to passing the sewer ordinance at the July 2025 City Council meeting.

Councilmember Cox stated he believed the Council had not followed its policy regarding the reading of ordinances. Loan repayment schedules, an updated cost study to determine fees, and having a Finance Director in place were other items he requested.

City Attorney Muth advised the state does not require two readings of ordinances-a second reading can be waived.

Voting aye: **Councilmembers Rice, Cox.**

Voting nay: **Councilmembers Lauser, Johnson, Oldfield.**

7. INFORMATION ITEMS:

a) Contracts Awarded Administratively - The report on contracts, purchases, and change orders over \$10,000 approved administratively over the past month was attached.

b) Financial Report - The Treasurer's Report and year-to-date revenues and expenses through the prior month were presented for council review.

c) Planning Commission Minutes - No meeting was held in July 2025.

d) Public Works Director Report - The report from **Public Works Director Cody Rosander** was attached.

e) Community Development Director Report - The report from Community Development **Director Ben Shumaker** was attached.

f) City Administrator Report - The report from **City Administrator Wes Wootten** was attached.

8. VOUCHER APPROVAL:

Vouchers were not available at the meeting to approve. **Mayor Anderson** will contact Councilmembers later to have them review and sign the vouchers.

9. MAYOR AND COUNCIL REPORTS

Councilmember Cox reported negotiations with the Sheriff's Office are underway. An increase in the contract is expected, but no changes will be made within the contract and the deliverables.

Councilmember Johnson announced the recent library levy lift passed.

10. ADDITIONAL PUBLIC COMMENT

None received.

12. ADJOURNMENT - Mayor Anderson adjourned the meeting at 7:19 p.m.



Summer N. Scheyer
SHERIFF

OFFICE OF THE SKAMANIA COUNTY

SHERIFF

PO Box 790
200 Vancouver Ave.
Stevenson WA 98648
Phone (509)427-9490
Fax (509)427-4369
www.skamaniasheriff.com
scso@co.skamania.wa.us

Tracy Wyckoff
Undersheriff

Steve Minnis
Chief of Corrections

Ondine Obias
Chief Civil Deputy

August 2025

Total 147

City of Stevenson

Calls/Patrol

Calls - 118

Medical - 29

Fire - 3

Service Hour

Hrs. – 451.50

OT- 12.50

Court Hrs. - 2

Milage – 1,672

09/08/25
13:18

Skamania County Sheriff's Office
Incident Audit Report

5059
Page: 1

Incident#	Nature of Incident	Offense Code	Loctn Code	Disposition
25-04979	Medical	AMAS	21	Investigation Complete
25-04986	Littering	LPPR	21	Cleared Adlt Exception
25-04992	Lost Dog	INFO	21	INFORMATION
25-05014	PI Collision	TAPI	21	Settled By Contact
25-05017	Dog Call	ANDC	21	UNABLE TO LOCATE
25-05028	Incomplete 911	IN91	21	Settled By Contact
25-05029	Animal Abuse	ANAB	21	UNABLE TO LOCATE
25-05034	Barking Dog	ANDC	21	INFORMATION
25-05040	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05046	Medical	AMAS	21	Response/No Transport
25-05050	Found Animal	ANDC	21	Active
25-05064	Illegal Burning	FIRE	21	Standby Completed
25-05071	Theft Prop Oth	TPOT	21	Investigation Complete
25-05073	Fraud	FRAU	21	Active
25-05089	Animal Other	ANPR	21	INFORMATION
25-05092	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05094	Vandalism	VAND	21	UNABLE TO LOCATE
25-05097	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05103	Citizen Assist	CITA	21	Settled By Contact
25-05104	Medical	AMAS	21	INFORMATION
25-05107	Juvenile Prob	JUVP	21	Cleared Juve Exception
25-05108	Medical	AMAS	21	Transferred to Other A
25-05116	Medical	AMAS	21	Transferred to Other A
25-05128	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05137	Fire Other	FIRE	21	Transferred to Other A
25-05144	Traffic Stop		21	Active
25-05149	Fraud	FRAU	21	Settled By Contact
25-05157	Mental Subject	MENT	21	Settled By Contact
25-05163	Domestic Viol	DOMV	21	Cleared Adult Arrest
25-05166	Medical	AMAS	21	Transferred to Other A
25-05170	Viscious Animal	ANDC	21	Settled By Contact
25-05174	Civil Standby	CIVS	21	Settled By Contact
25-05177	Medical	AMAS	21	Investigation Complete
25-05182	Req Traff Enf	PATR	21	Investigation Complete
25-05184	Dog Problem	ANDC	21	Investigation Complete
25-05188	Mental Subject	MENT	21	Investigation Complete
25-05203	Mental Subject	MENT	21	Investigation Complete
25-05212	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05215	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05217	Mental Subject	MENT	21	Investigation Complete
25-05221	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05222	Hospice Death	HOSP	21	INFORMATION
25-05228	Medical	AMAS	21	Transferred to Other A
25-05238	Theft-Automobil	TVAU	21	Settled By Contact
25-05241	Traffic Stop	TOFF	21	CLEARED DRIVER CITED
25-05248	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05250	Business Alarm	ABLA	21	Investigation Complete
25-05252	Abandon Vehicle	ABVP	21	INFORMATION
25-05253	Vio Court Order	VICO	21	INFORMATION
25-05259	test	INFO	21	INFORMATION
25-05263	Domestic Viol	DOMV	21	Cleared Adlt Exception
25-05303	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05305	Suspicious	SUSP	21	Settled By Contact
25-05307	Residential Ala	ALAR	21	Investigation Complete
25-05308	Parking Problem	PARK	21	INFORMATION

09/08/25
13:18

Skamania County Sheriff's Office
Incident Audit Report

5059
Page: 2

Incident#	Nature of Incident	Offense Code	Loctn Code	Disposition
25-05309	Welfare Check	WELF	21	INFORMATION
25-05322	Suspicious	PSC	21	Investigation Complete
25-05326	Medical	AMAS	21	Investigation Complete
25-05334	Trespassing	TRES	21	Settled By Contact
25-05336	Suicide Threat	SUIT	21	Investigation Complete
25-05341	Wanted Person	WANT	21	Cleared Adult Arrest
25-05346	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05353	Medical	AMAS	21	Transferred to Other A
25-05355	Fraud	FRAU	21	Cleared Adlt Exception
25-05357	Information	INFO	21	INFORMATION
25-05380	Req Traff Enf	RTEN	21	Cleared Adlt Exception
25-05383	Poss. Other	CSPO	21	UNABLE TO LOCATE
25-05398	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05400	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05401	Medical	INFO	21	Transferred to Other A
25-05402	Medical	INFO	21	Transferred to Other A
25-05422	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05423	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05425	Citizen Dispute	CDIS	21	Cleared Adlt Exception
25-05426	Domestic Viol	DOMV	21	Cleared Adlt Exception
25-05433	Parking Problem	PARK	21	Investigation Complete
25-05437	Viscious Animal	ANPR	21	Active
25-05441	Wanted Person	WANT	21	Cleared Adult Arrest
25-05452	Medical	AMAS	21	Transferred to Other A
25-05460	Welfare Check	WELF	21	Investigation Complete
25-05466	Citizen Assist	CITA	21	Cleared Adlt Exception
25-05478	Dog Problem	ANDC	21	Investigation Complete
25-05482	Medical	AMAS	21	Transferred to Other A
25-05487	Business Alarm	ABLA	21	Cleared Adlt Exception
25-05493	Welfare Check	WELF	21	Settled By Contact
25-05511	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05515	Barking Dog	ANDC	21	INFORMATION
25-05517	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05525	Information	INFO	21	INFORMATION
25-05526	Medical	AMAS	21	Transferred to Other A
25-05536	Suspicious	PSC	21	Unfounded
25-05541	Utility Problem	UTPB	21	INFORMATION
25-05549	Loitering	LOIT	21	Investigation Complete
25-05550	Medical	AMAS	21	Investigation Complete
25-05552	Traffic Stop		21	Investigation Complete
25-05556	Traffic Stop	TOFF	21	Cleared Adult Arrest
25-05572	Medical	AMAS	21	Investigation Complete
25-05573	Fraud	FRAU	21	Active
25-05575	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05588	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05598	Medical	AMAS	21	INFORMATION
25-05604	Assault IV	ASIM	21	Cleared Adult Arrest
25-05605	Disorderly	WELF	21	Cleared Adult Arrest
25-05607	Trespassing	TRES	21	Active
25-05610	Medical	AMAS	21	Transferred to Other A
25-05613	Sex Offense	SOFF	21	Active
25-05616	Information	INFO	21	INFORMATION
25-05629	Welfare Check	WELF	21	Settled By Contact
25-05631	Req Traff Enf	RTEN	21	Settled By Contact
25-05645	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING

09/08/25
13:18

Skamania County Sheriff's Office
Incident Audit Report

5059
Page: 3

Incident#	Nature of Incident	Offense Code	Loctn Code	Disposition
25-05648	Medical	AMAS	21	INFORMATION
25-05649	Agency Assist	ASST	21	INFORMATION
25-05650	Traffic Hazard	THAZ	21	Hazard Removed
25-05652	PD Collision	TAPD	21	Investigation Complete
25-05653	Theft Prop Oth	TPOT	21	INFORMATION
25-05663	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05665	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05669	Medical	AMAS	21	Ambulance Service Prov
25-05673	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05676	Medical	AMAS	21	Ambulance Service Prov
25-05677	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05683	Medical	AMAS	21	INFORMATION
25-05687	Vandalism	VAND	21	INFORMATION
25-05697	Traffic Stop	TOFF	21	CLEARED DRIVER INFRACT
25-05704	9-1-1 Abuse	911	21	Investigation Complete
25-05705	Citizen Assist	CITA	21	Settled By Contact
25-05709	Citizen Assist	CITA	21	Settled By Contact
25-05711	Medical	AMAS	21	Transferred to Other A
25-05727	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05736	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05737	Traffic Stop	WOFF	21	Active
25-05739	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05740	Medical	AMAS	21	Transferred to Other A
25-05747	Medical	AMAS	21	Ambulance Service Prov
25-05758	Medical	AMAS	21	Transferred to Other A
25-05775	Mental Subject	MENT	21	Cleared Adlt Exception
25-05782	Information	INFO	21	INFORMATION
25-05784	Public Nuisance	INFO	21	INFORMATION
25-05786	Business Alarm	ABLA	21	Unfounded
25-05791	Domestic Viol	DOMV	21	UNABLE TO LOCATE
25-05792	Medical	AMAS	21	Transferred to Other A
25-05793	Medical	AMAS	21	Transferred to Other A
25-05803	Custodial Int.	CINT	21	Settled By Contact
25-05810	Traffic Stop	TOFF	21	CLEARED DRIVER WARNING
25-05812	Traffic Stop	TOFF	21	CLEARED DRIVER CITED
25-05817	Illegal Burning	UBUR	21	Transferred to Other A
25-05820	Smoke, other	FIRE	21	Transferred to Other A

Total Incidents: 147

Report includes:

All dates reported between `00:00:00 08/01/25` and `00:00:00 09/01/25`
All agencies matching `SCSO`
All nature of incidents
All offenses observed
All offenses reported
All offense codes
All dispositions
All responsible officers
All locations matching `21`

*** End of Report /tmp/rptNOg73V-rplwiar.r1_1 ***

09/08/25
13:19

Skamania County Sheriff's Office
Incident Audit Report

5059
Page: 1

Incident#	Nature of Incident	Offense Code	Loctn Code	Disposition
25-04979	Medical	AMAS	21	Investigation Complete
25-05046	Medical	AMAS	21	Response/No Transport
25-05104	Medical	AMAS	21	INFORMATION
25-05108	Medical	AMAS	21	Transferred to Other A
25-05116	Medical	AMAS	21	Transferred to Other A
25-05166	Medical	AMAS	21	Transferred to Other A
25-05177	Medical	AMAS	21	Investigation Complete
25-05228	Medical	AMAS	21	Transferred to Other A
25-05326	Medical	AMAS	21	Investigation Complete
25-05353	Medical	AMAS	21	Transferred to Other A
25-05401	Medical	INFO	21	Transferred to Other A
25-05402	Medical	INFO	21	Transferred to Other A
25-05452	Medical	AMAS	21	Transferred to Other A
25-05482	Medical	AMAS	21	Transferred to Other A
25-05526	Medical	AMAS	21	Transferred to Other A
25-05550	Medical	AMAS	21	Investigation Complete
25-05572	Medical	AMAS	21	Investigation Complete
25-05598	Medical	AMAS	21	INFORMATION
25-05610	Medical	AMAS	21	Transferred to Other A
25-05648	Medical	AMAS	21	INFORMATION
25-05669	Medical	AMAS	21	Ambulance Service Prov
25-05676	Medical	AMAS	21	Ambulance Service Prov
25-05683	Medical	AMAS	21	INFORMATION
25-05711	Medical	AMAS	21	Transferred to Other A
25-05740	Medical	AMAS	21	Transferred to Other A
25-05747	Medical	AMAS	21	Ambulance Service Prov
25-05758	Medical	AMAS	21	Transferred to Other A
25-05792	Medical	AMAS	21	Transferred to Other A
25-05793	Medical	AMAS	21	Transferred to Other A

Total Incidents: 29

Report includes:

All dates reported between `00:00:00 08/01/25` and `00:00:00 09/01/25`

All agencies matching `SCSO`

All nature of incidents matching `Medical`

All offenses observed

All offenses reported

All offense codes

All dispositions

All responsible officers

All locations matching `21`

*** End of Report /tmp/rptNOg73V-rplwiar.r1_2 ***

August 2025		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	Totals
Mileage																								
County	1131	272		1235	390			0	1206	1603	1400	1670	2350	2323	1542	853		1540	2327		1010	990		21842
Stevenson	36	0		122	155			0	63	67	255	68	70	91	157	273		36	134		144	1		1672
N. Bonneville	44	0		56	84			0	8	42	90	44	70	45	43	72		27	45		107	0		777
USFS	0	0		80	75			0	0	0	125	10	0	90	0	20		0	0		40	0		440
Title 3	0	0		0	0			0	50	0	0	0	0	0	10	40		3	0		10	0		113
PP&L	107	0		280	1171			0	156	0	0	0	60	0	60	0		0	0		50	0		1884
TOTAL	1118	272		1773	1875			0	1483	1712	1870	1792	2550	2549	1812	1258		1606	2506		1361	991		26728
Hourly Report																								
Vacation	0.00	0.00		0.00	16.00			0.00	4.00	0.00	10.25	0.00	0.00	0.00	61.50	10.25		0.00	0.00		51.25	41.00		194.25
Sick Leave	0.00	20.00		0.00	0.00			153.75	0.00	10.25	2.50	0.00	10.25	0.00	0.00	0.00		0.00	0.00		0.00	0.00		196.75
Training	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
Administration	0.00	162.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		162.00
Payroll/Investigations																								
Schools/Com Svc	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
K 9	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
County	166.25	0.00		86.25	22.25			0.00	163.00	65.50	66.25	61.00	95.50	62.25	82.25	82.50		64.75	37.00		59.00	106.50		1200.25
Stevenson	9.50	0.00		44.75	18.75			0.00	8.25	48.00	47.25	20.75	14.00	31.25	17.75	50.00		35.50	60.50		39.00	0.25		451.50
Slew Court	0.00	0.00		0.00	0.00			0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		2.00
N. Bonneville	2.00	0.00		25.50	10.00			0.00	0.00	15.00	20.00	20.25	14.00	20.25	8.75	13.50		19.25	26.25		23.25	0.00		218.00
N. Bonn Court	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
District Court	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
Superior Court	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
USFS	0.00	0.00		5.00	4.50			0.00	1.00	0.00	6.50	4.50	2.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
Gorge Scenic	0.00	0.00		18.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
PP&L	3.75	0.00		17.00	74.00			0.00	0.00	14.25	0.00	0.00	0.00	4.00	4.25	0.00		0.00	0.00		47.50	15.00		39.75
Drug	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		155.75
Special Contracts	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		122.25
Boat	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
County Traffic Enforce.	0.00	0.00		15.00	3.25			0.00	0.00	0.00	1.00	31.75	25.00	14.00	28.75	23.25		0.00	0.00		27.75	15.00		199.00
SAR County	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
Title 3																								
Emergency Response	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		6.00
SAR Missions	0.00	0.00		3.00	0.00			0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		20.25
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00
	0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00					



City of Stevenson

Phone (509)427-5970
FAX (509) 427-8202

7121 E Loop Road, PO Box 371
Stevenson, Washington 98648

City of Stevenson

2026 Budget Calendar

September – Staff Internal Budget Preparation

September 8 – Budget Request Doc to Department Heads

September 22 – Budget Requests Due

Early October – Special Meeting (Budget Presentation)

- Present Budget Message (Mayor/City Administrator)

October Council Meeting (23rd) – First Public Hearing

November 2 – Budget Message Due (Mayor/City Administrator)

Early November – Council Workshop, Amendment Requests

- Make Copies of Budget Available to Public

November Council Meeting (20th) – Second Public Hearing

- Ad Valorem Ordinance Adoption
- Potential Budget Ordinance Adoption

November 21 – Copies of Budget Available to Public Due

November 30 – Property Tax Levy Due to County Assessor

Early December – Staff Edits of Final Budget Draft

December Council Meeting (18th) – Potential Budget Ordinance Adoption

December 31 – Budget Due to State

*Items in bold are due dates set by statute but may be completed earlier.

**City of Stevenson
Ordinance 2025-1231**

**An Ordinance Amending the City of Stevenson Engineering Standards for Public Works
Construction**

WHEREAS, the City of Stevenson has adopted Engineering Standards for Public Works Construction (“Standards”) governing the design and construction of water, sanitary sewer, streets, stormwater, drainage, erosion control, and related public works improvements; and

WHEREAS, the current Standards contain gaps and ambiguities that can lead to misinterpretation and inconsistent application; and

WHEREAS, Section 1.15 of Volume 1 – Design and Planning of the Standards authorizes the City to amend and update these requirements as necessary; and

WHEREAS, the City Council finds that the proposed amendments:

1. Comply with all applicable laws and regulations;
2. Modernize and clarify the Standards to reflect current public works practices; and
3. Promote the health, safety, and welfare of the community;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF STEVENSON ORDAINS
AS FOLLOWS:**

Section 1. Amendment to Standards.

The City of Stevenson Engineering Standards for Public Works Construction, as previously adopted, are hereby amended and replaced with the updated **Standard Details** prepared by Shell Engineering and attached as *Exhibit A*. These updated Standards incorporate clearer guidance, additional illustrations, and simplified requirements to ensure consistency and usability in the field.

Section 2. Severability.

If any section, subsection, sentence, clause, or phrase of this ordinance, or its application to any person or circumstance, is held invalid, the remainder of this ordinance and its application shall not be affected.

Section 3. Effective Date.

This ordinance shall take effect and be in full force following passage and publication as required by law.

PASSED by the City Council of the City of Stevenson and approved by the Mayor this ____ day of _____, 2025.

SIGNED:

Scott Anderson
Mayor of Stevenson

ATTEST:

Wesley Wootten
Administrator/Clerk

APPROVED AS TO FORM:

Robert Muth
City Attorney

Exhibit A

Standard Details for Sanitary services; Street Services; Storm water Services; General details; Drainage; Erosion-Control; Single Family Residents.

- Update the language to better reflect today's Public Works requirements
- Update to include less text and more examples of work via images
- Update to make easier for users to interpret and follow

STANDARD EROSION CONTROL NOTES

1. APPROVAL OF EROSION/SEDIMENTATION CONTROL (ESC) PLANS DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR/ DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED. THE CONTRACTOR SHALL INSTALL AND MAINTAIN BMP'S AS SHOWN AND PERFORM ALL ACTIONS NECESSARY TO CONTROL EROSION AND PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE.
3. ALL EROSION CONTROL MEASURES (I.E. SILT FENCE, CONSTRUCTION ENTRANCE, SEDIMENTATION BARRIERS, SEDIMENTATION TRAPS, ETC.) SHALL BE IN-PLACE AND IN WORKING CONDITION PRIOR TO DISTURBING AND/OR EXPOSING ANY SITE SOIL SURFACES.
4. ALL EROSION PREVENTION AND CONTROL BMP'S SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. NEEDED REPAIRS SHALL BE MADE AS SOON AS POSSIBLE. CONSTRUCTION ACTIVITIES SHALL NOT CONTINUE OR RESUME UNTIL REPAIRS TO EROSION CONTROL FACILITIES ARE MADE AND THE FACILITIES ARE FUNCTIONAL. ANY SEDIMENT LEAVING THE SITE OR DISCHARGING TO A SENSITIVE AREA SHALL BE STOPPED AND CONTROLLED IMMEDIATELY. AREAS CONTAMINATED WITH SEDIMENT SHALL BE CLEANED AND RESTORED.
5. NO EXPOSED/BARE SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN TWO DAYS DURING THE PERIOD OCTOBER 1 THRU APRIL 30, OR FOR MORE THAN SEVEN DAYS DURING THE PERIOD OF MAY 1 THROUGH SEPTEMBER 30. ALL DISTURBED SOIL SURFACES SHALL BE STABILIZED BY A SUITABLE APPLICATION OF "BEST MANAGEMENT PRACTICES" ("BMP'S").
6. DURING DRY WEATHER CONSTRUCTION PERIODS THE CONTRACTOR SHALL PROVIDE PROJECT-SPECIFIC DUST CONTROL MEASURES INCLUDING BUT NOT LIMITED TO INCLUDE SEEDING, MULCHING, MATTING, WATER, TACKIFIER, OR CHEMICAL SOIL STABILIZERS. THE CONTRACTOR SHALL MAINTAIN THE DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. IMMEDIATELY RE-STABILIZE AREAS DISTURBED BY CONTRACTOR'S OPERATIONS OR OTHER ACTIVITIES (WIND, WATER, VANDALISM, ETC.).
7. SIGNIFICANT VARIATION AND DEGREE OF EROSION CONTROL EFFORT WILL BE DICTATED BY WEATHER CONDITIONS. FINE GRAINED AND UNCONSOLIDATED SOILS ON SLOPING SITES MAY BECOME UNSTABLE WHEN SUBJECT TO EXCESSIVE MOISTURE. THE DEVELOPER AND CONTRACTOR SHALL BE PREPARED TO PROVIDE EXTRA EROSION CONTROL PROVISIONS AND EFFORT DURING WINTER AND WET WEATHER CONDITIONS BEYOND THAT NORMALLY REQUIRED DURING SUMMER AND DRY WEATHER CONDITIONS.
8. TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING OR BEING TRANSPORTED, EROSION CONTROL BMP'S SHALL BE PROVIDED FOR STAGING AREAS, INCLUDING AREAS USED FOR EMPLOYEE PARKING AND MATERIALS STORAGE. STOCKPILES OF ERODIBLE EARTHEN MATERIALS SHALL BE COVERED WHEN NOT BEING INCORPORATED INTO THE WORK.
9. ENTRY ONTO THE CONSTRUCTION SITE SHALL BE RESTRICTED TO A SINGLE APPROVED ENTRANCE AS SHOWN ON THE PLAN. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
10. ANY SOIL OR DEBRIS TRANSPORTED ONTO ROADWAYS AND SIDEWALKS SHALL BE COMPLETELY REMOVED BY SHOVELING AND/OR SWEEPING. WASHING IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CITY.
11. CLEARING LIMITS AND WORK AREA LIMITS SHALL BE DELINEATED AND MARKED. DO NOT DISTURB MORE AREA THAN NEEDED FOR CONSTRUCTION REQUIREMENTS.
12. ALL SENSITIVE OR CRITICAL AREAS (WETLANDS, STEEP SLOPES, NATURAL WATERWAYS) AND BUFFERS SHALL ALL BE CLEARLY DELINEATED, MARKED, AND PROTECTED FROM SEDIMENT DEPOSITION.



STANDARD NOTES FOR EROSION CONTROL 1 OF 2

DRAWING NO. **E01A**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

24

13. MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES WHICH INVOLVE POTENTIAL CONTAMINANTS (OIL, SOLVENTS, HYDRAULIC FLUID, ETC.) MUST BE CONDUCTED IN A MANNER WHICH PREVENTS CONTAMINATION OF SOILS, SURFACE WATER AND GROUND WATER. TARPS, DRIP PANS, OR OTHER APPROPRIATE MEASURES SHALL BE USED AS NECESSARY.
14. ALL POLLUTANTS THAT OCCUR DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.
15. SEDIMENT LADEN RUNOFF SHALL BE PREVENTED FROM ENTERING ALL EXISTING STORM WATER CATCH BASINS, INLETS AND PERVIOUS DRAINAGE SYSTEMS AFFECTED BY CONSTRUCTION.
16. ALL PERMANENT INFILTRATION SYSTEMS SHALL BE ISOLATED AND PROTECTED FROM SEDIMENT LADEN RUNOFF. PROTECTION SHALL NOT BE REMOVED UNTIL THE DRAINAGE AREA TRIBUTARY TO THE SYSTEM IS COMPLETELY STABILIZED.
17. CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. EROSION SHALL BE CONTROLLED AND PREVENTED BY SUCH MEASURES INCLUDING BUT NOT LIMITED TO ROUGHENING THE SURFACE OR INSTALLING INTERCEPTOR DITCHES, TERRACING, MATTING, MULCHING, OR PLASTIC SHEETING. RUNOFF SHALL BE PREVENTED FROM ENTERING SLOPES AND FROM UNDERCUTTING THE BASE OF SLOPES.
18. WHERE FEASIBLE, NO MORE THAN 500 FEET OF TRENCH SHALL BE OPEN AT ONE TIME. EXCAVATED MATERIAL SHALL BE PLACED ON THE UP-HILL SIDE OF TRENCHES PROVIDED IT DOES NOT CONFLICT WITH SAFETY REQUIREMENTS.
19. DEWATERING DEVICES SHALL DISCHARGE INTO A SEDIMENT TRAP OR SEDIMENT POND. NO DISCHARGE SHALL BE MADE TO A PAVED STREET OR STORMWATER COLLECTION SYSTEM WITHOUT APPROVAL AND REMOVING SEDIMENT.
20. VEGETATED STABILIZATION AND LANDSCAPING SHALL BE FERTILIZED, WATERED AND MAINTAINED TO ENSURE THAT GROWTH OF VEGETATION IS ESTABLISHED AND SUSTAINED.
21. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN.
22. ALL CONVEYANCE CHANNELS, BOTH TEMPORARY AND PERMANENT, SHALL BE STABILIZED TO PREVENT EROSION OF THE CHANNEL. STABILIZATION SHALL EXTEND TO AREAS AT OUTLETS AND DOWNSTREAM REACHES VULNERABLE TO EROSION.
23. IF UTILIZED BMP'S ARE INSUFFICIENT TO PREVENT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, OR PUBLIC RIGHT-OF-WAY, ADDITIONAL BMP'S SHALL BE IMPLEMENTED IMMEDIATELY TO PREVENT FURTHER ENCROACHMENT OF SEDIMENT.
24. THE CONTRACTOR SHALL KEEP AN INSPECTION LOG OF THE CONDITION OF THE EROSION CONTROL FACILITIES. EROSION CONTROL FACILITIES SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAINFALL. THE INSPECTION LOG SHALL BE KEPT AT THE PROJECT SITE AT A DESIGNATED LOCATION AND SHALL BE AVAILABLE FOR REVIEW BY THE CITY. AN INDIVIDUAL THAT HAS SUCCESSFULLY COMPLETED AN EROSION CONTROL CERTIFICATION COURSE SHALL PERFORM INSPECTIONS AND MAINTAIN THE LOG.
25. STRIPPING, TOPSOIL, AND UNSUITABLE MATERIAL STOCKPILES SHALL BE SEEDED. MAINTENANCE OF STOCKPILE AREAS AND REAPPLICATION OF SEED COVERING SHALL BE REQUIRED IF BARE SOIL IS PRESENT. DURING WINTER AND WET WEATHER CONDITIONS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING.
26. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT SLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
27. ALL TEMPORARY BMP'S SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT SHALL BE REMOVED, DEPOSITED AND STABILIZED ON SITE. AREAS DISTURBED DURING SEDIMENT REMOVAL SHALL BE PERMANENTLY STABILIZED.
28. FINAL INSPECTION WILL NOT BE APPROVED UNTIL ALL TEMPORARY BMP'S HAVE BEEN REMOVED AND ALL DISTURBED SOIL SURFACES HAVE BEEN PROTECTED FROM EROSION WITH PERMANENT LANDSCAPING, COVERING WITH IMPERVIOUS SURFACES, RESTORED TO ORIGINAL PRE-DISTURBANCE CONDITION, OR PERMANENTLY STABILIZED.



STANDARD NOTES FOR EROSION CONTROL

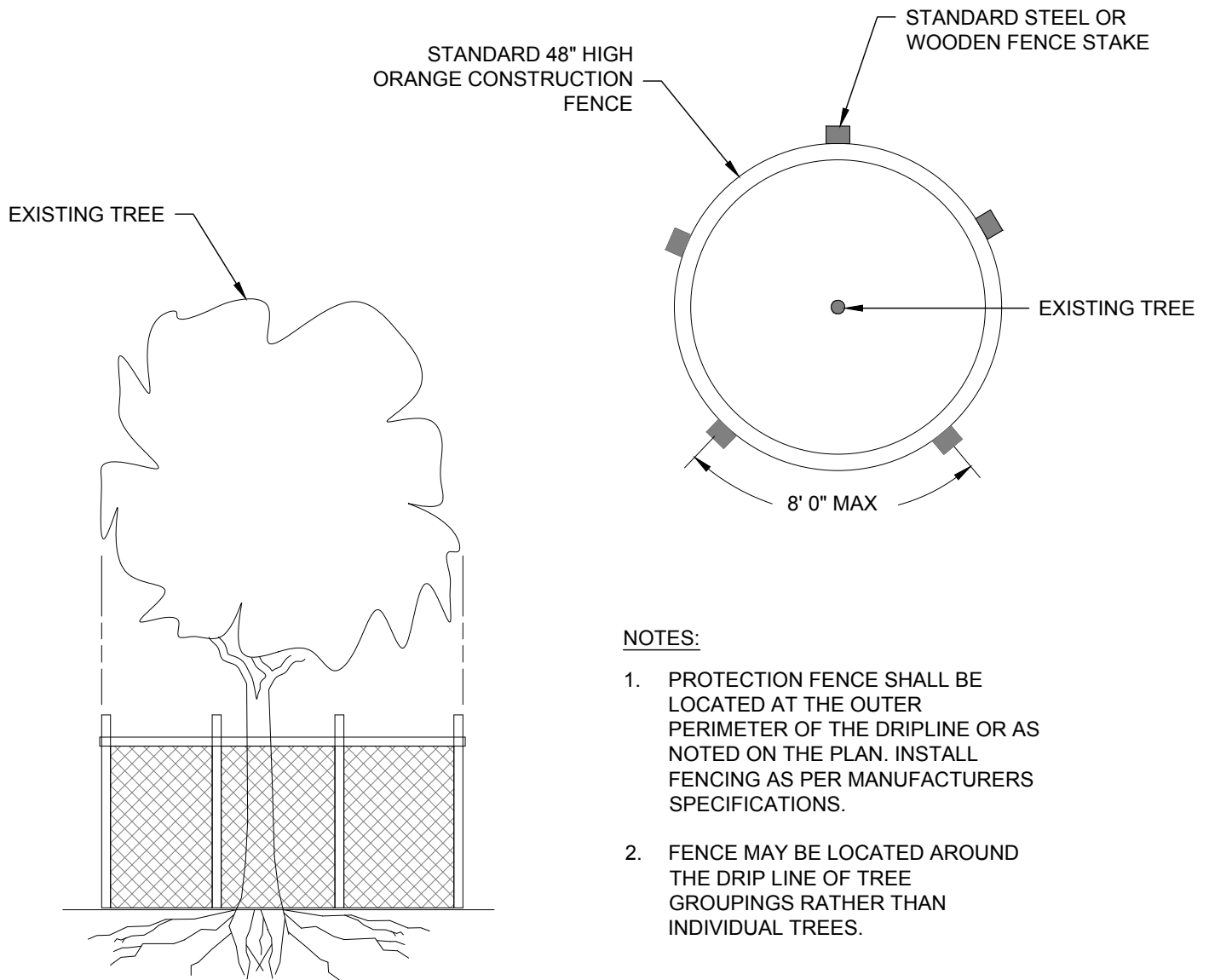
2 OF 2

DRAWING NO. **E01B**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

25

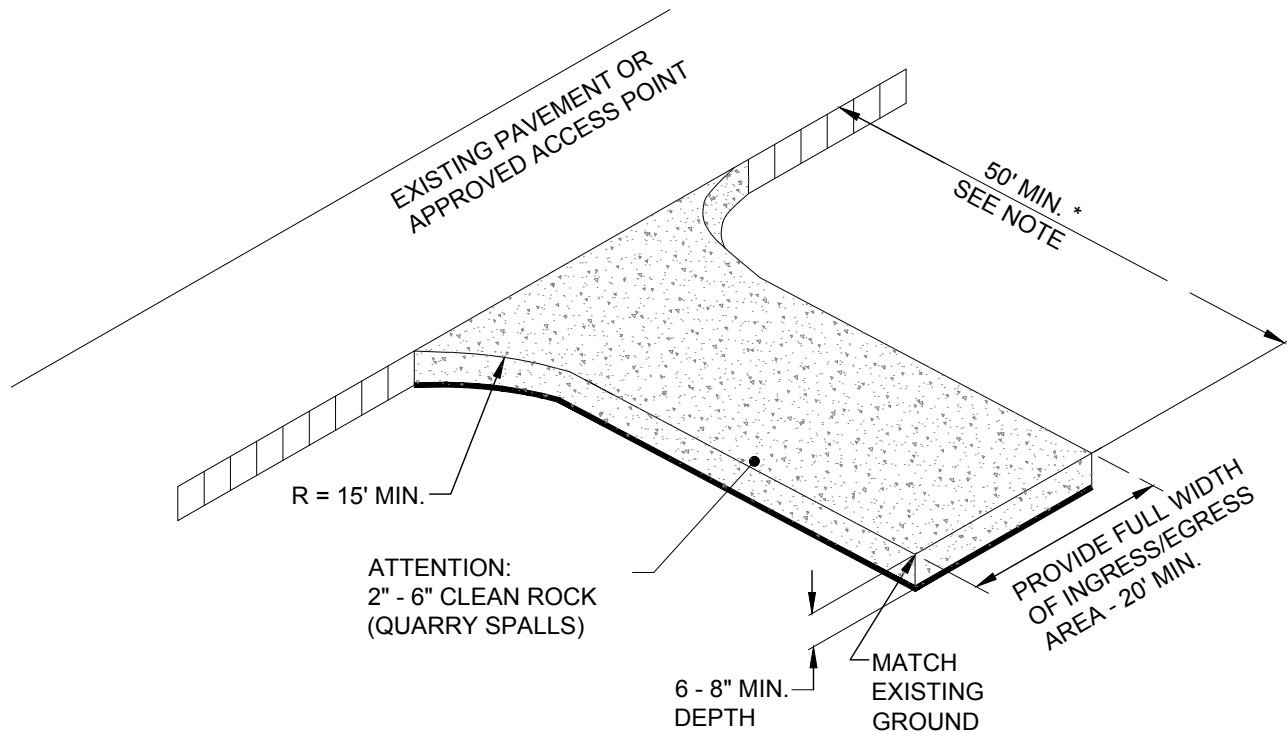


TREE PROTECTION FENCING

DRAWING NO. **E02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



* 20' MIN. FOR SINGLE FAMILY AND DUPLEX RESIDENTIAL

NOTES:

1. USE OF CRUSHED CONCRETE CEMENT OR CALCIUM CHLORIDE PROHIBITED.
2. PREVENT VEHICLES FROM TRACKING SOIL FROM THE SITE ONTO STREETS OR NEIGHBORING PROPERTIES BY STABILIZING THE ENTRANCE WITH A ROCK PAD. IF POSSIBLE, PLACE THE ENTRANCE WHERE A FUTURE DRIVEWAY WILL BE LOCATED, AS IT MAY BE POSSIBLE TO USE THE ROCK AS A DRIVEWAY BASE MATERIAL. IF SEDIMENT IS TRACKED OFFSITE, SWEEP OR SHOVEL IT FROM THE PAVED SURFACE IMMEDIATELY.
3. THE LENGTH OF ENTRANCE MAY BE REDUCED TO THE MAXIMUM PRACTICAL SIZE WHEN THE SIZE OR CONFIGURATION DOES NOT ALLOW THE FULL REQUIRED LENGTH.
4. AT TIME OF PRE-EROSION INSPECTION, CITY OF STEVENSON REQUIRES THE ENTRANCE TO BE INSTALLED TO THE EDGE OF THE RIGHT-OF-WAY TO AVOID DAMAGE TO THE EXISTING ROADWAY.
5. CERTIFIED EROSION SEDIMENT CONTROL LEAD (CESCL) IS TO ENSURE THAT ALL VEHICLES USE THIS ENTRANCE AND ARE TO BE INSPECTED AND CLEANED OF SOILS BEFORE LEAVING PROJECT, AND THAT THE ENTRANCE IS TO BE KEPT CLEAN AT ALL TIMES.
6. NO OTHER CONSTRUCTION MATERIALS ARE TO BE PLACED ON CONSTRUCTION ENTRANCE DURING TIME OF CONSTRUCTION SUCH AS LANDSCAPE MATERIALS OR SMALLER AGGREGATE.



CONSTRUCTION ENTRANCE

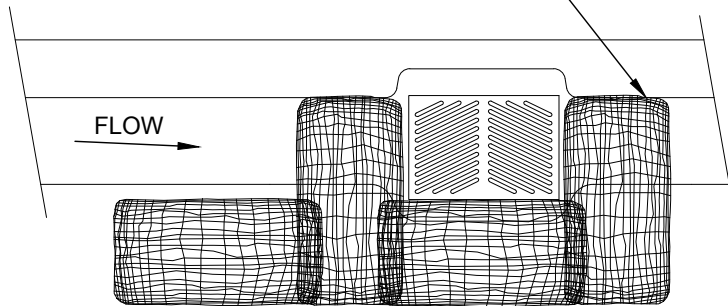
DRAWING NO. **E03**

DATE **AUG '25** SCALE **NTS**

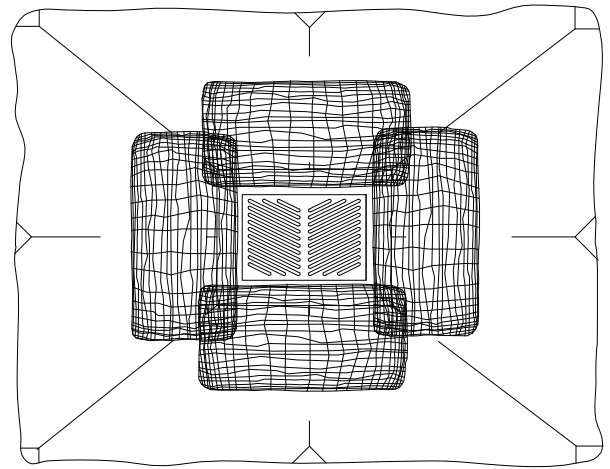
APPROVED BY **CR**

27

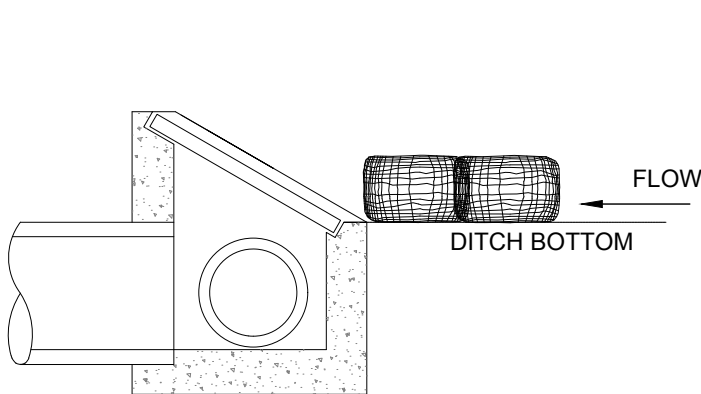
BIO-FILTER BAGS OR STRAW WATTLES
MAY BE USED SHORT TERM W/ UTILITY
WORK AND W/ PHASING OF DEVELOPMENT



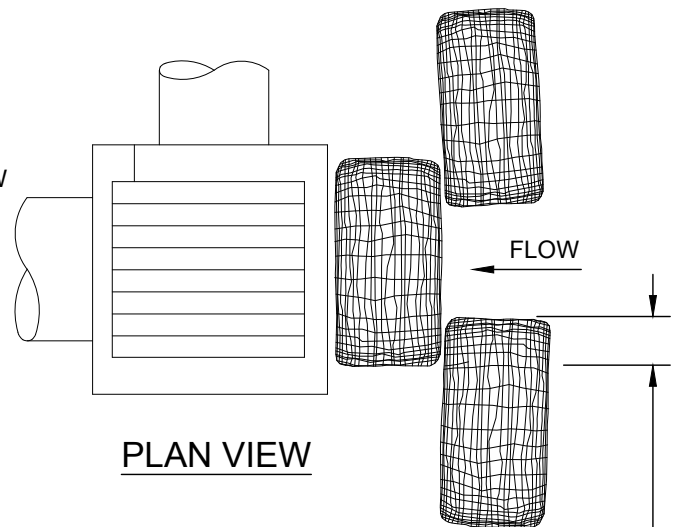
CATCH BASIN



AREA DRAIN



DITCH INLET



PLAN VIEW

6" OVERLAP
OF BAGS

NOTES:

1. ADDITIONAL MEASURES MUST BE CONSIDERED DEPENDING ON SOIL TYPE.
2. BIO-FILTER BAGS SHOULD BE STAKED WHERE APPLICABLE USING (2) 1"x2" WOODEN STAKES OR APPROVED EQUAL PER BAG.
3. STRAW WATTLES MUST BE STABILIZED BY ATTACHING WIRE CLIPS TO THE CATCH BASIN PER MANUFACTURES SPECIFICATIONS.
4. INLET PROTECTION MUST BE REGULARLY INSPECTED BY THE EROSION CONTROL INDIVIDUAL TO INSURE PROPER PLACEMENT/FUNCTION AND MAINTENANCE.

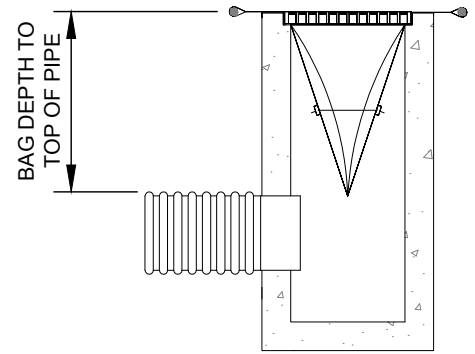
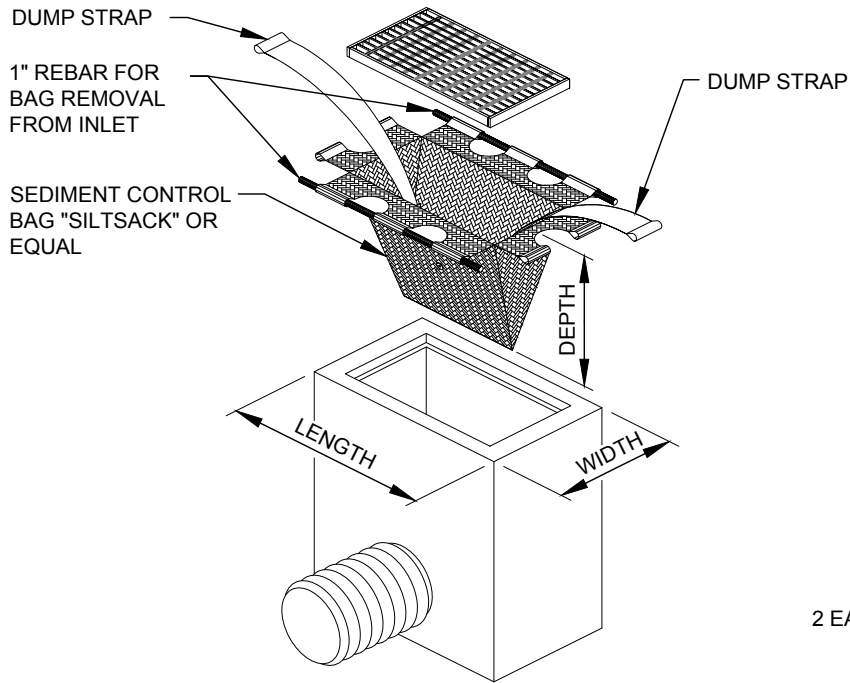


INLET PROTECTION TYPE 4 - BIOFILTER BAGS

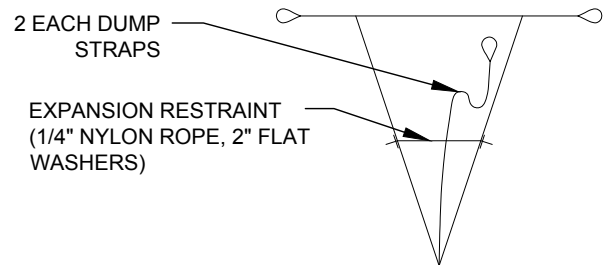
DRAWING NO. **E04**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



INSTALLATION DETAIL



BAG DETAIL

CB STYLE	LENGTH	WIDTH	DEPTH
TYPE 1 CB	24"	20"	VARIES
TYPE 1 CCI	29.5"	24"	VARIES
USA G2	32.5"	27.5"	VARIES

INLET SEDIMENT CONTROL DEVICE - SILT SACK

NOTES:

1. THE DIMENSION CHART ABOVE IS FOR STANDARD CATCH BASINS AND INLETS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CORRECT SIZE DEVICE FOR EACH INLET.
2. FOR NON-STANDARD CATCH BASINS AND INLETS, THE CONTRACTOR SHALL MEASURE DIMENSIONS IN THE FIELD AND ORDER THE APPROPRIATE SIZE(S).
3. THE INLET SEDIMENT CONTROL DEVICE SHALL BE OF HIGH FLOW DESIGN (200 GAL/MIN/FT), AS PER THE MANUFACTURER'S SPECS.
4. THE SEDIMENT CONTROL DEVICE SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED A MINIMUM ONCE PER MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT. FILTER SHALL BE CLEANED IN A MANNER WHICH ENSURES THAT ALL SEDIMENT REMAINS ON SITE.
5. SUBSTITUTION OF A SHEET OF FILTER FABRIC PLACED OVER THE OPENING OF THE INLET IS NOT APPROVED.
6. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS, SIZE OF FILTER INLET SACK TO BE DETERMINED BY MANUFACTURER.
7. THE FILTER SHALL BE REPLACED OR CLEANED WHEN THE BAG BECOMES HALF FULL AND IN A MANNER THAT ENSURES COLLECTED MATERIAL IS NOT SPILLED.

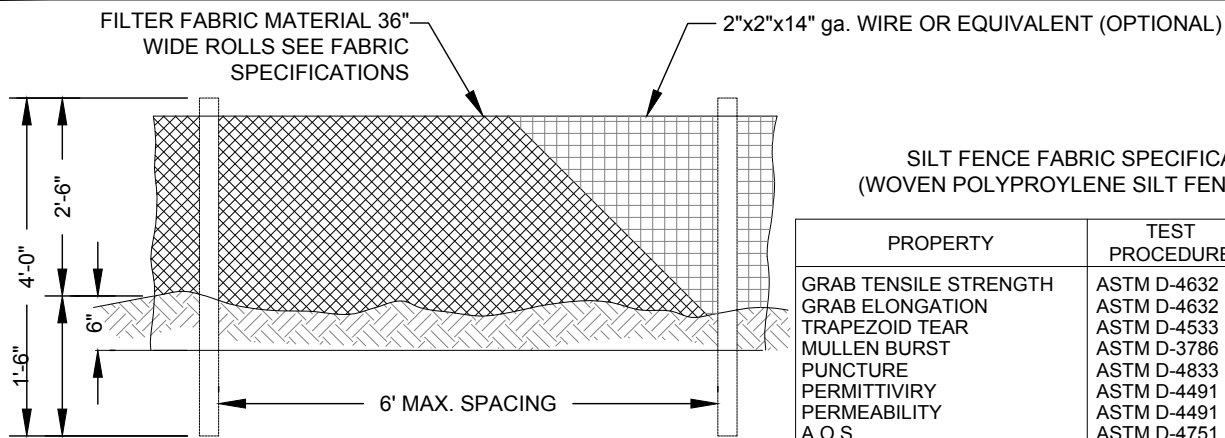


INLET PROTECTION TYPE 5 - SILT SACK

DRAWING NO. **E05**

DATE **AUG '25** SCALE **NTS**

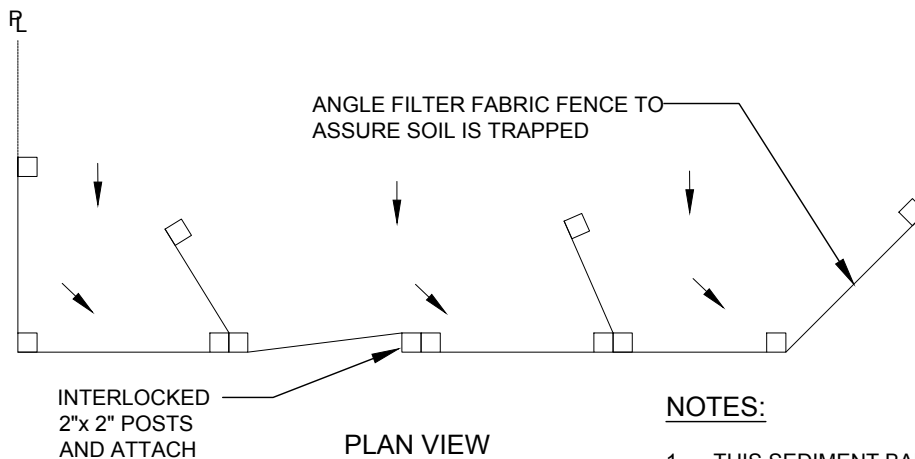
APPROVED BY **CR**



FRONT VIEW

SILT FENCE FABRIC SPECIFICATIONS
(WOVEN POLYPROYLENE SILT FENCE FABRIC)

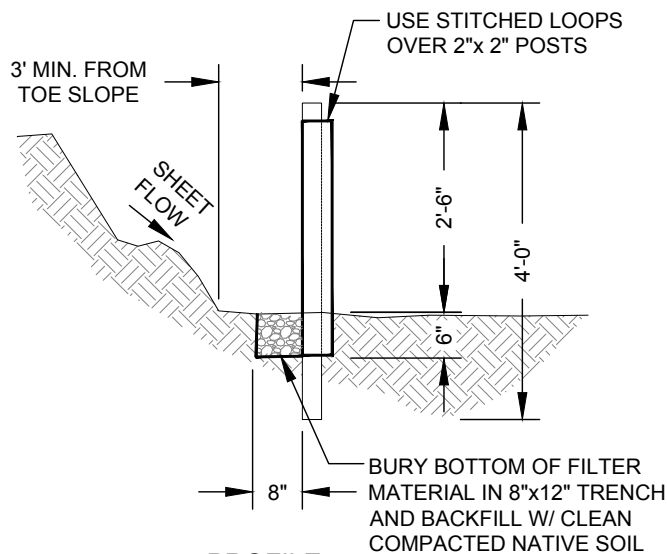
PROPERTY	TEST PROCEDURE	MIN. FABRIC VALUE
GRAB TENSILE STRENGTH	ASTM D-4632	180 LBS.
GRAB ELONGATION	ASTM D-4632	30%
TRAPEZOID TEAR	ASTM D-4533	70 LBS.
MULLEN BURST	ASTM D-3786	300 PSI.
PUNCTURE	ASTM D-4833	80 LBS.
PERMITTIVITY	ASTM D-4491	0.07 SEC-1 MIN.
PERMEABILITY	ASTM D-4491	.005 CM/SEC
A.O.S.	ASTM D-4751	50 U.S. SIEVE
UV RESISTANCE(500 HRS)	ASTM D-4355	70%



PLAN VIEW

NOTES:

1. THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS, IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED. (SEE FABRIC SPECIFICATIONS ABOVE).
2. BURY BOTTOM OF FILTER FABRIC 6" VERTICALLY BELOW FINISHED GRADE.
3. POST ARE TO BE 2"x2" FIR, PINE OR STEEL FENCE POSTS.
4. POST TO BE INSTALLED ON UPHILL SIDE OF SLOPE FOR FENCING WITH STITCHED LOOP. FOR STAPLED FENCING, POST TO BE INSTALLED ON DOWNHILL SLOPE.
5. COMPACT BOTH SIDES OF FILTER FABRIC TRENCH.
6. SEDIMENT FENCE TO BE SPACED ON SLOPES PER TABLE BELOW.



PROFILE

INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS

% SLOPE	SLOPE	MAX. SPACING ON SLOPE
10% FLATTER	10:1 OR FLATTER	300 ft.
10>%<15	10:1>x<7.5:1	150 ft.
15>%<20	7.5:1>x<5:1	100 ft.
20>%<30	5:1>x<3.5:1	50 ft.
30>%<50	3.5:1>x<2:1	25 ft.

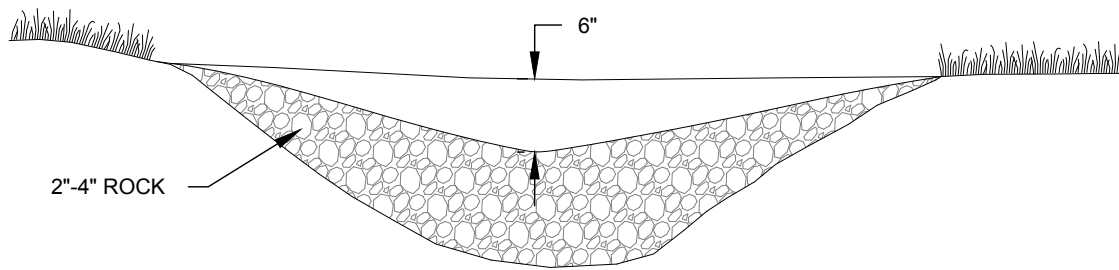


SILT FENCE

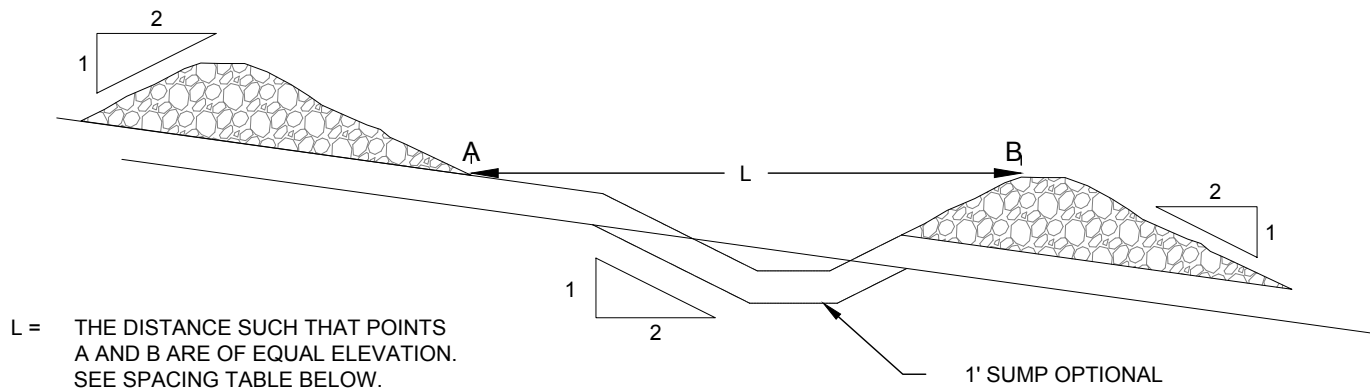
DRAWING NO. **E06**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



ROCK CHECK DAM



SPACING BETWEEN CHECK DAMS

CHECK DAM NOTES:

- CHECK DAMS ARE CONSTRUCTED ACROSS A SWALE OR DITCH TO REDUCE VELOCITIES OF CONCENTRATED FLOWS, THEREBY REDUCING EROSION AND ALLOWING A SIGNIFICANT AMOUNT OF SUSPENDED SEDIMENT TO SETTLE OUT.
- CHECK DAMS SHALL BE USED IN TEMPORARY OR PERMANENT CHANNELS THAT DRAIN 10 ACRES OR LESS, ARE NOT YET VEGETATED, AND WHEN INSTALLING CHANNEL LINING IS NOT FEASIBLE.
- USE TYPICAL ROCK SIZE OF 2-4 INCH. PLACE ROCK BY HAND OR BY MECHANICAL MEANS RATHER THAN DUMPING THE ROCK. BRIDGE ENTIRE DITCH OR SWALE WIDTH AND ENSURE THE CENTER OF THE DAM IS 6" LOWER THAN THE OUTER ENDS. FOR HIGHER VELOCITY FLOWS: ± 5 FPS USE 6"-12" RIPRAP, AND HAND PLACE LARGER ROCK ON UPSTREAM SIDE OF DAM.
- REMOVE CHECK DAMS FROM GRASS-LINED DITCHES AND SWALES ONCE THE GRASS IS ESTABLISHED. SEED, MULCH OR MAT THE AREA WHERE THE CHECK DAMS WERE, IMMEDIATELY FOLLOWING REMOVAL.
- INSPECT ONCE PER WEEK ON ACTIVE SITES, ONCE EVERY TWO WEEKS ON INACTIVE SITES, AND WITHIN 24 HOURS FOLLOWING A 0.5 INCH RAIN EVENT. REMOVE SEDIMENT ONCE IT REACHES ONE-THIRD THE DEPTH OF THE ROCK WEIR. REPLACE ROCK WEIR WHEN FILTERING CAPACITY IS REDUCED BY ONE-HALF.
- SPACING TABLE FOR CHECK DAMS:

DITCH GRADE	MINIMUM WEIR DEPTH		
	6 INCH	12 INCH	18 INCH
6%	**	L= 16 ft O.C.	L= 26 ft O.C.
5%	**	L= 20 ft	L= 30 ft
4%	**	L= 26 ft	L= 40 ft
3%	15 ft	L= 33 ft	L= 50 ft
2%	25 ft	L= 50 ft	L= 80 ft

**NOT ALLOWED

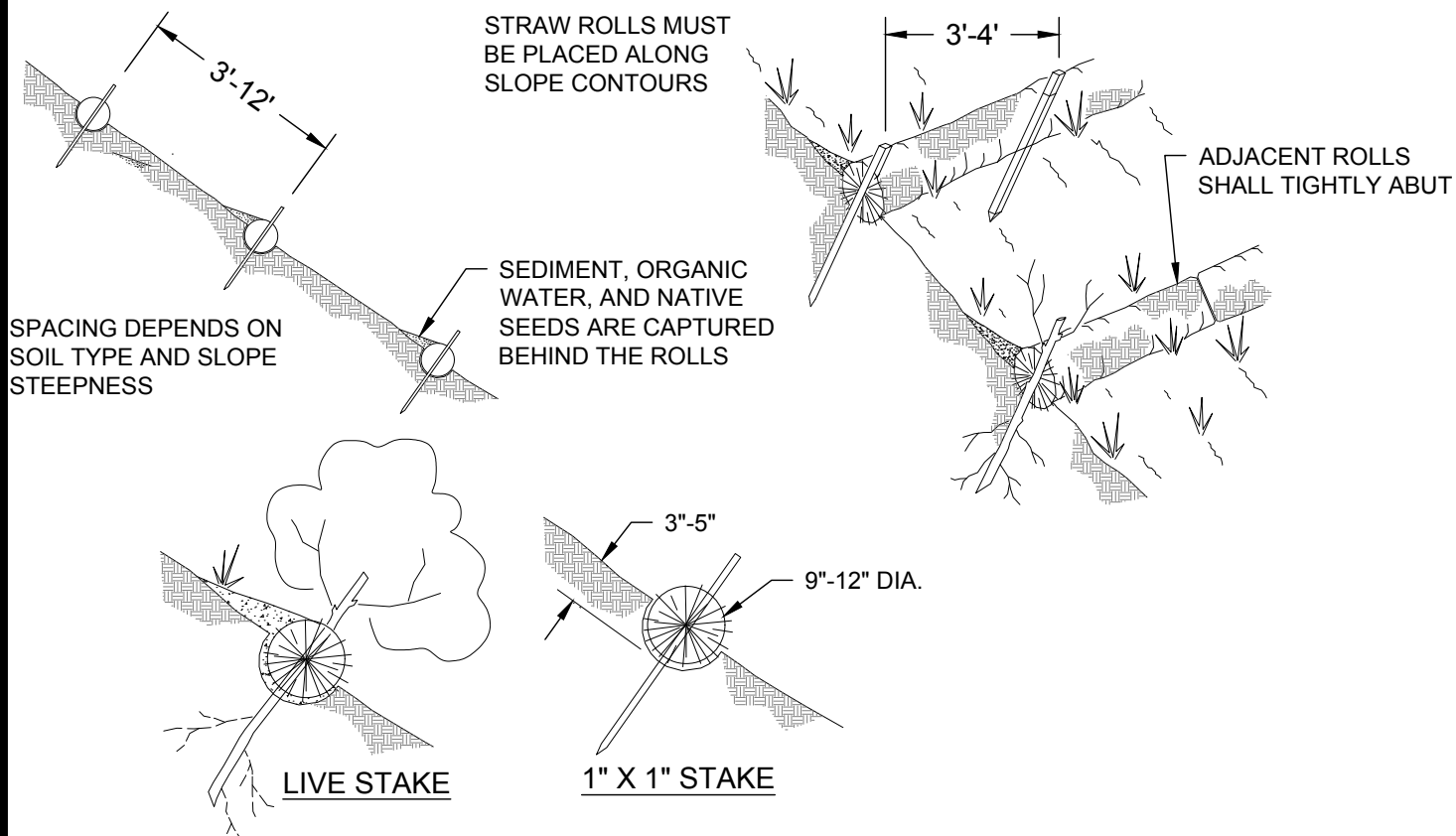


ROCK CHECK DAM

DRAWING NO. **E07**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



CONSTRUCTION SPECIFICATIONS:

1. PREPARE THE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED.
2. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
3. DIG SMALL TRENCHES ACROSS THE SLOPE ON CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
4. IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
5. START BUILDING TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
6. CONSTRUCT TRENCHES AT CONTOUR INTERVALS OF 3-12 FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES.
 1:1 = 10' 3:1 = 30'
 2:1 = 20' 4:1 = 40'
7. LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
8. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
9. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
10. IF USING WILLOW STAKES REFER TO LIVE STAKING BMP.
11. INSTALL STAKES AT LEAST EVERY 4 FEET APART THROUGH THE WATTLE. ADDITIONAL STAKES MAY BE DRIVEN ON THE DOWNSLOPE SIDE OF THE TRNCHES ON HIGHLY EROSION OR VERY STEEP SLOPES. INSPECTION AND MAINTENANCE:
 - INSPECT THE STRAW ROLLS AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL
 - REPAIR ANY RILLS OR GULLYS PROMPTLY
 - RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.

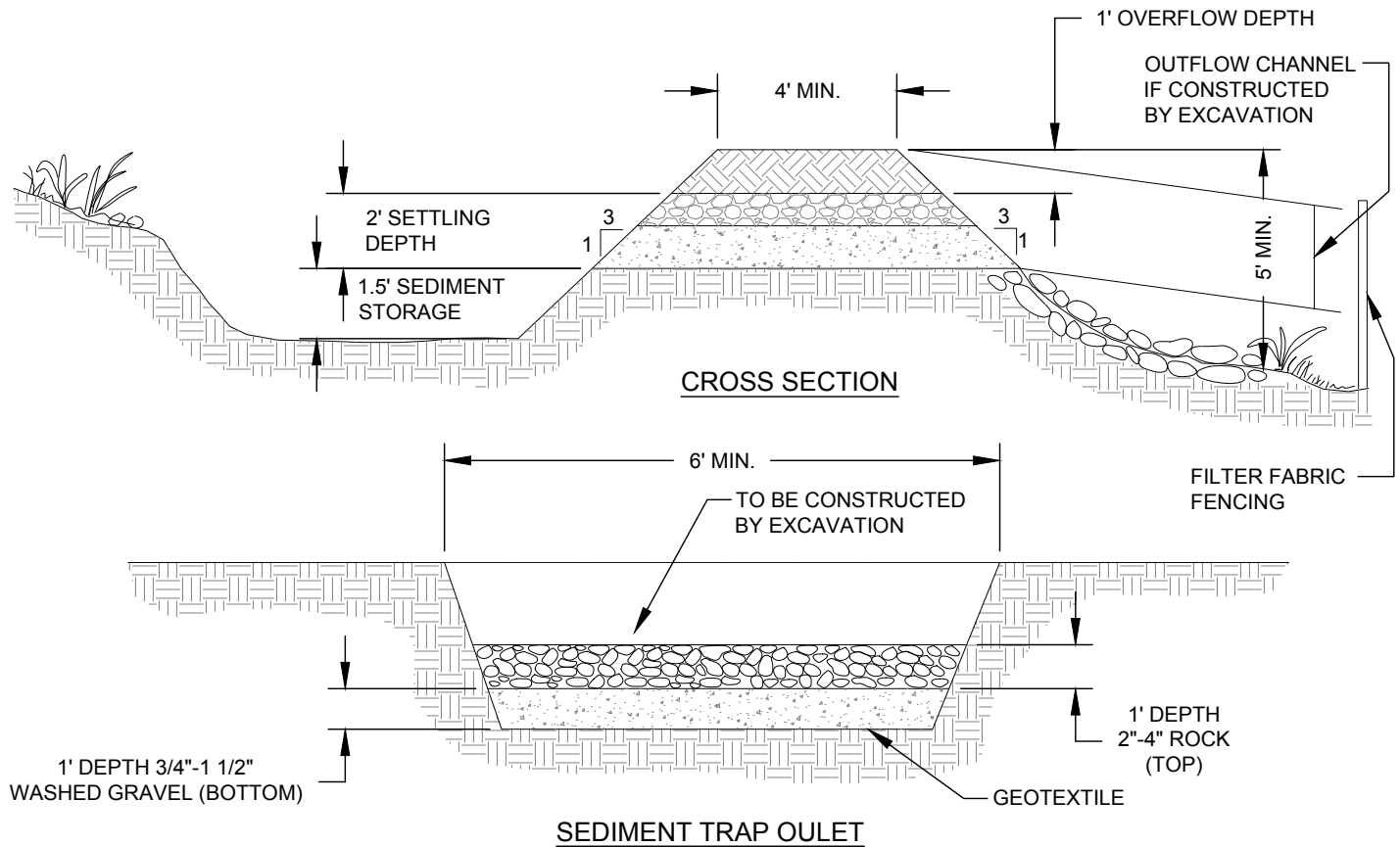


STRAW WATTLE

DRAWING NO. **E08**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. THE SEDIMENT TRAP MAY BE FORMED COMPLETELY BY EXCAVATION OR BY CONSTRUCTION OF A COMPACTED EMBANKMENT, AND IS TO BE CONSTRUCTED PRIOR TO ANY UPSLOPE CLEARING AND GRADING.
2. TRAP IS TO BE LOCATED IN A LOW AREA WHERE THE TRAP WILL INTERCEPT ALL OR MOST OF THE RUNOFF FROM THE DISTURBED AREA. MUST BE ACCESSIBLE FOR MAINTENANCE.
3. PROVIDE DIVERSION DIKES AND DITCHES, AS NEEDED TO COLLECT AND DIVERT WATER SEDIMENT LADEN FLOWS TO TRAPS AND PONDS.
4. SEDIMENT TRAPS SHALL BE LIMITED TO A TRIBUTARY AREA OF LESS THAN 3 ACRES. SEE THE BMP MANUAL SECTION II-5.8.6 DESIGN CRITERIA, FOR SEDIMENT STORAGE VOLUME.
5. SEDIMENT TRAPS AND PONDS ARE TO HAVE A LEVEL BOTTOM, 3:1 OR FLATTER SIDE SLOPES AND A L:W RATIO OF 3.
6. WATER TEMPERATURE IN TRAPS AND PONDS MAY BE TOO HIGH FOR DIRECT RELEASE. ALWAYS MODERATE THE WATER TEMPERATURE BEFORE IT DRAINS INTO A LAKE, STREAM, WETLAND OR WATERWAY. WHENEVER POSSIBLE, RELEASE THE DISCHARGE ONSITE ONTO A RELATIVELY LEVEL, DENSELY GRASSED AREA AT LEAST 50 FEET FROM A WATERWAY OR WETLAND.
7. INSPECT ONCE PER WEEK ON ACTIVE SITES, ONCE EVERY TWO WEEKS ON INACTIVE SITES, AND WITHIN 24 HOURS FOLLOWING A 0.5 INCH RAIN EVENT.
8. CONSTANT MAINTENANCE IS ESSENTIAL FOR PROPER FUNCTIONING.
9. REMOVE SEDIMENT FROM THE TRAP WHEN IT REACHES ONE FOOT IN DEPTH, AND REPAIR ANY DAMAGE TO THE TRAP, THE EMBANKMENT OR THE SLOPES.
10. CARE MUST BE GIVEN TO CONSIDERING LOCATION OF TRAPS FOR SAFETY IN CASE THE STRUCTURE FAILS. FENCING MUST ALSO BE CONSIDERED FOR SAFETY.



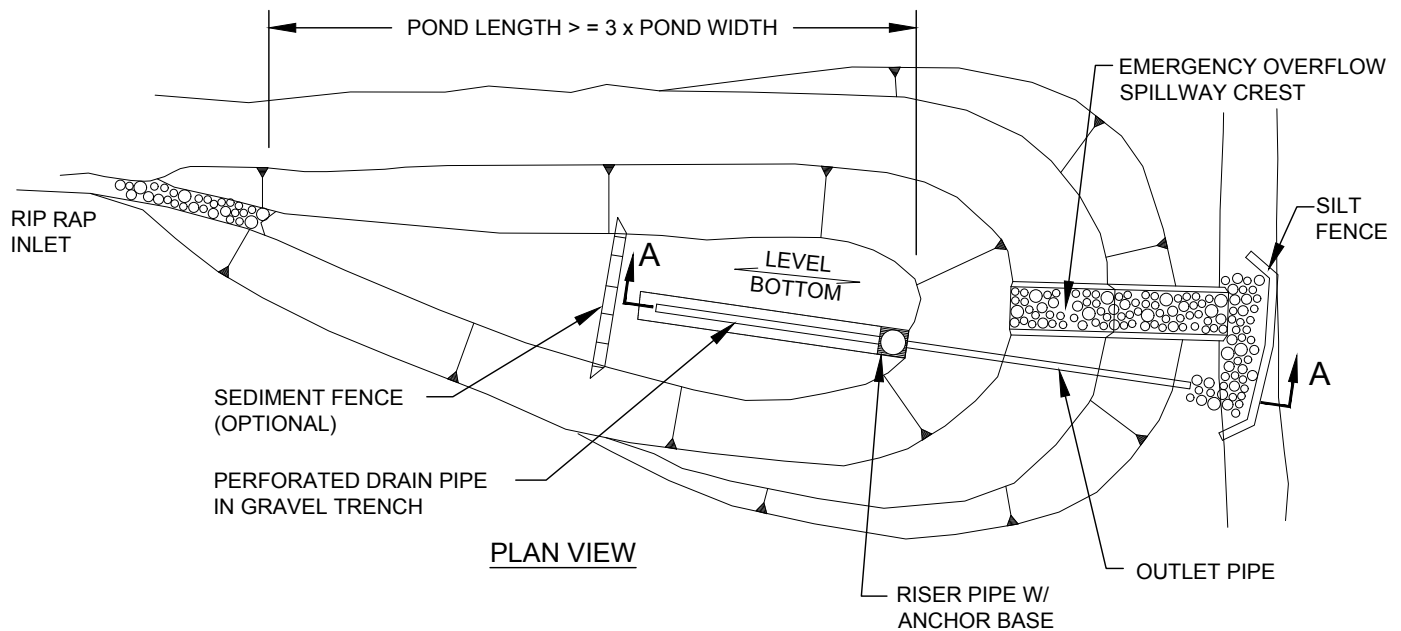
STANDARD SEDIMENT TRAP

DRAWING NO. **E09**

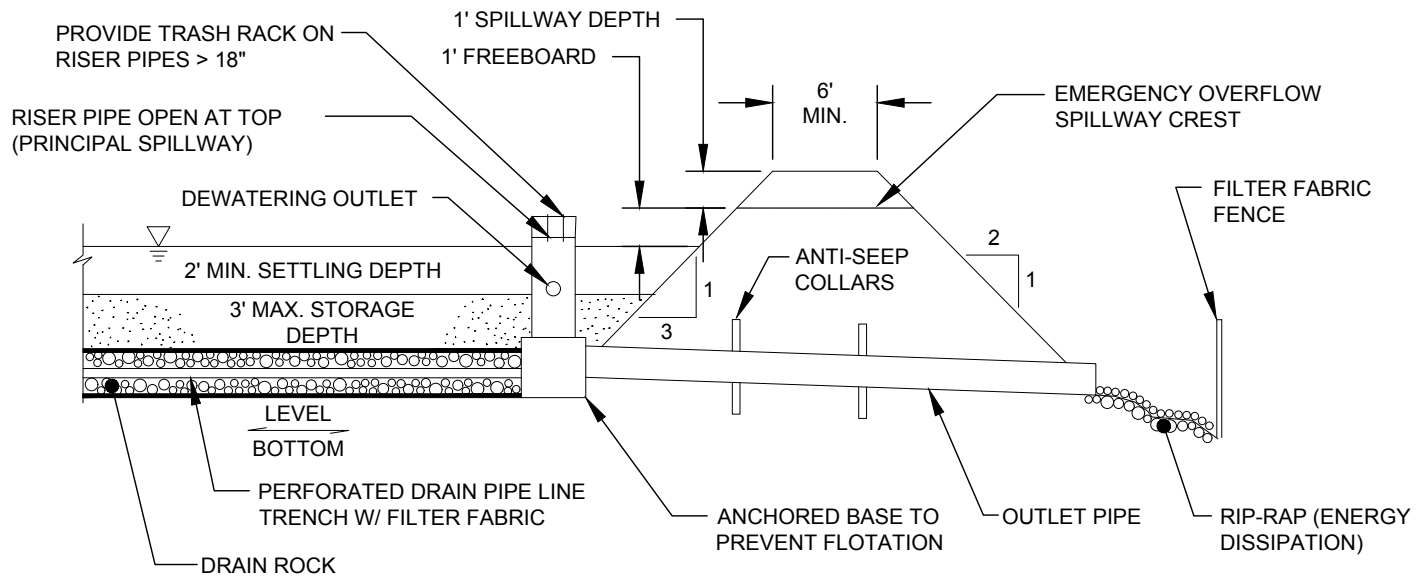
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

33



PLAN VIEW



SECTION A-A

NOTES:

1. FOR USE WITH TRIBUTARY DRAINAGE AREA OF LESS THAN 10 ACRES. IF DRAINAGE AREA EXCEEDS 10 ACRES, CONSULT THE DAM SAFETY SECTION OF THE WASHINGTON DEPARTMENT OF ECOLOGY MANUAL.
2. PROVIDE BAFFLES TO PREVENT SHORT-CIRCUITING.
3. SPILLWAY SHALL BE LINED WITH 2"-4" ROCKS.
4. ALL INLETS AND OUTLETS SHALL BE PROTECTED WITH RIP-RAP.
5. IF POND POSES A SAFETY HAZARD, IT SHALL BE FENCED.
6. REMOVE SEDIMENT BEFORE 1.5" ACCUMULATES.
7. PERFORATED PIPE TRENCH SHALL BE COMPLETELY LINED WITH FILTER FABRIC.
8. SEE APPLICABLE NOTES ON STD. DETAIL E09.

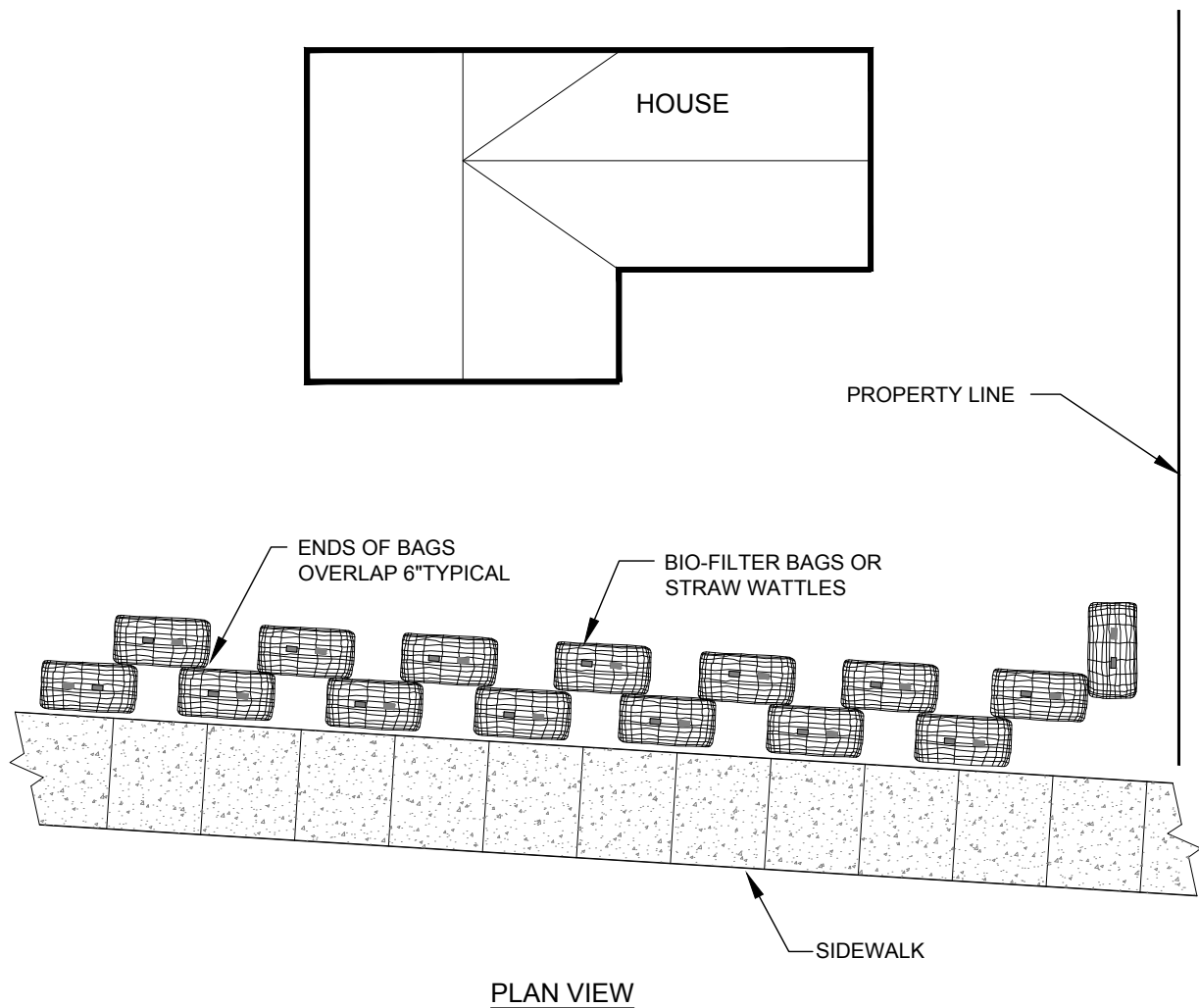


TEMPORARY SEDIMENT POND

DRAWING NO. **E10**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. STAKING OF BAGS REQUIRED USING (2) 1"x2" WOOD STAKES OR APPROVED EQUAL PER BAG.
2. BAGS OR WATTLES MAY BE USED AS ALTERNATE FOR SEDIMENT FENCE FOLLOWING INSTALLATION OF SIDEWALK ON SINGLE FAMILY CONSTRUCTION ONLY.

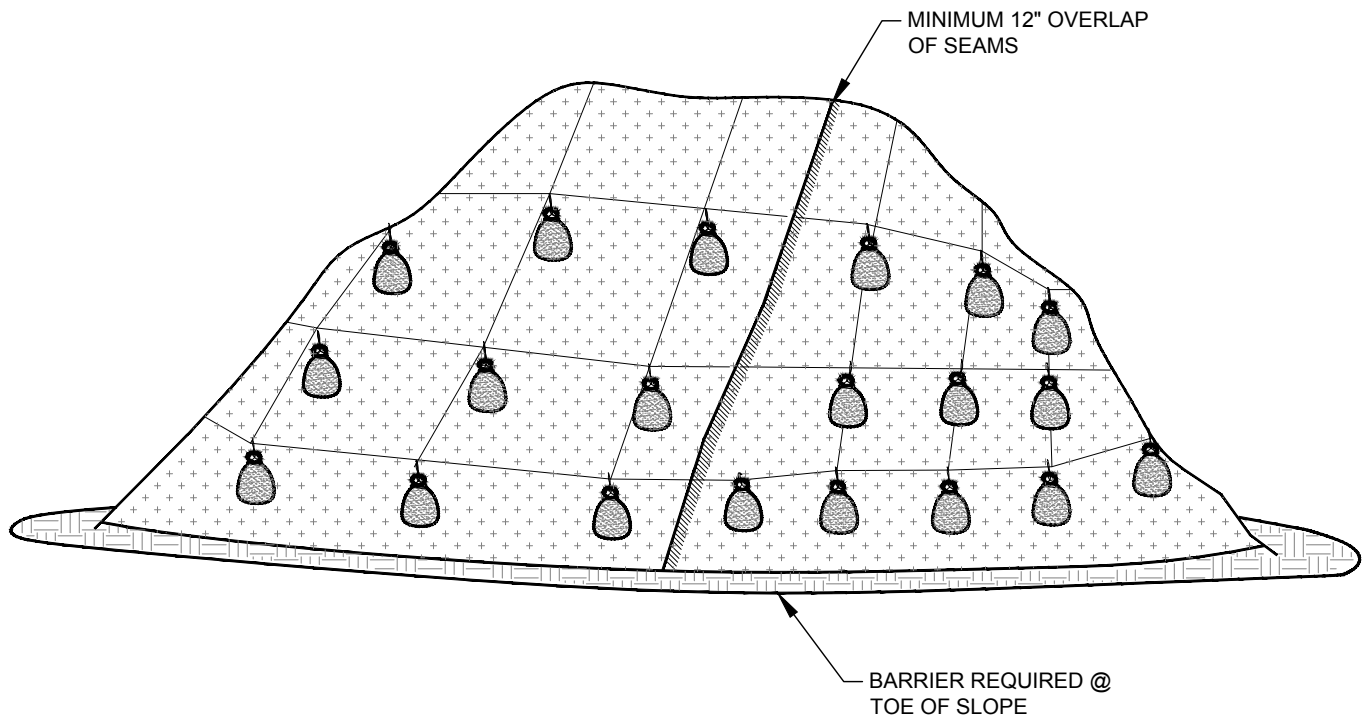


BIO-FILTER BAGS - SEDIMENT BARRIERS

DRAWING NO. **E11**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



PLASTIC SHEETING

NOTES:

1. PLASTIC SHEETING IS USED TO PROVIDE IMMEDIATE PROTECTION TO SLOPES AND STOCKPILES.
2. DO NOT USE PLASTIC COVERING UPSLOPE OF AREAS SUCH AS STEEP AND/OR UNSTABLE SLOPES THAT MIGHT BE ADVERSELY AFFECTED BY CONCENTRATED RUNOFF.
3. WHEN POSSIBLE, INSTALL AN INTERCEPTER DIKE AT THE TOP OF THE PLASTIC TO DIVERT FLOWS AWAY FROM THE PLASTIC.
4. TOE-IN THE TOP OF THE SHEETING IN A 6"x6" TRENCH BACKFILLED WITH COMPACTED NATIVE MATERIAL.
5. INSTALL A GRAVEL BERM, RIPRAP, OR OTHER SUITABLE PROTECTION AT THE TOP OF THE SLOPE IN ORDER TO DISSIPATE RUNOFF VELOCITY.
6. ANCHOR THE PLASTIC USING SANDBAGS OR OTHER SUITABLE TETHERED ANCHOR SYSTEM SPACED ON A 10' GRID SPACING IN ALL DIRECTIONS.
7. OVERLAP SEAMS 1-2', TAPE, ROLL AND STAKE THE SEAMS AND THEN WEIGH DOWN THE ENTIRE LENGTH.
8. BARRIER IS REQUIRED @ TOE OF STOCK PILE.
9. REPLACE TORN SHEETS AND REPAIR OPEN SEAMS. COMPLETELY REMOVE AND REPLACE PLASTIC WHEN IT BEGINS TO DETERIORATE.



PLASTIC SHEETING

DRAWING NO. **E12**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

EXTEND BLANKET A MINIMUM OF
3' ABOVE CROWN OF SLOPE

STAPLE EDGE 1' O.C.

SIDE AND END OVERLAP 6"

BURY TOP 4 INCHES OF BLANKET
AND STAPLE EDGE 1' O.C.

SHALLOW SLOPES 4:1 OR LESS

SIDE AND END OVERLAP 6"

MODERATE SLOPES 3:1

BURY TOP 12 INCHES OF
BLANKET IN 6"X6" TRENCH

STAPLE BOTTOM EDGE OF
BLANKET 1' O.C.

SIDE AND END OVERLAP 6"

STEEP SLOPES 2:1 OR GREATER

NOTES:

1. ON 4:1 OR LESS SLOPES BLANKETS MAY BE APPLIED
ACROSS THE SLOPE.
2. ALL BLANKET INSTALLED AND STAPLED PER
MANUFACTURERS SPECIFICATIONS.
3. SEE MATTING NOTES STD. DETAIL E15.

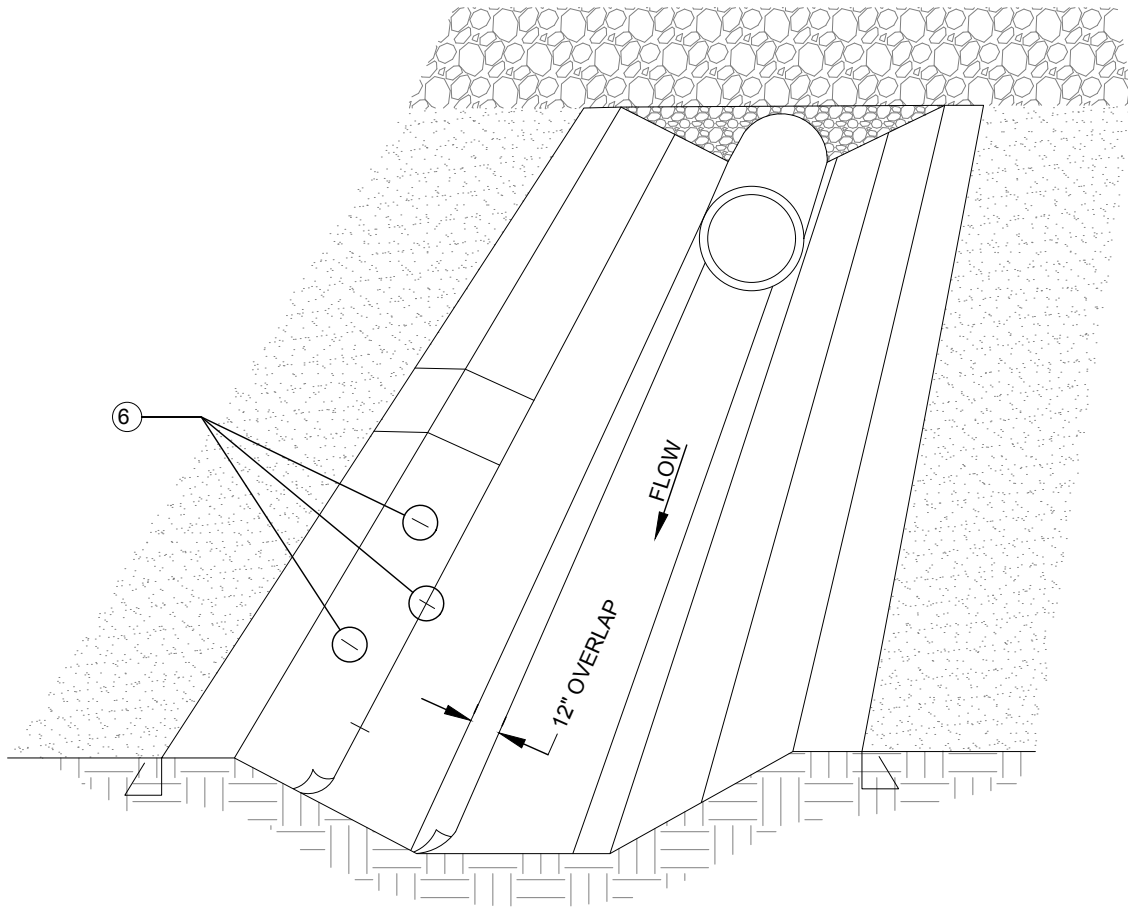


MATting - SLOPE INSTALLATION

DRAWING NO. **E13**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



CHANNEL INSTALLATION

NOTES:

1. INFORMATION PROVIDED IS MINIMUM REQUIREMENTS. MANUFACTURERS REQUIREMENTS WHICH ARE MORE STRINGENT SHALL BE USED.
2. INSTALL MAT PARALLEL IN CENTER OF CHANNEL IN THE DIRECTION OF FLOW. FOR CULVERT OUTFALLS, PLACE MAT UNDER CULVERT OR RIP RAP A MIN. OF 12".
3. IN CHANNEL BOTTOM, OVERLAP LENGTH ENDS A MINIMUM OF 12 INCHES.
4. REFER TO STD. DETAIL E15 FOR MATTING NOTES.
5. STAPLE PER MANUFACTURERS SPECIFICATIONS.
6. LENGTH OF STAPLES SHALL BE DETERMINED BY SOIL TYPE- COHESIVE SOIL USE 6 INCH, NON-COHESIVE SOILS 8-12 INCH.



MATTING - CHANNEL INSTALLATION

DRAWING NO. **E14**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

38

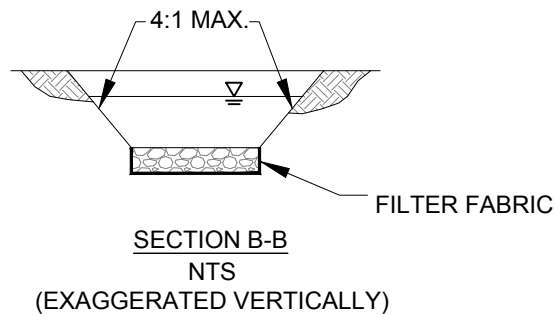
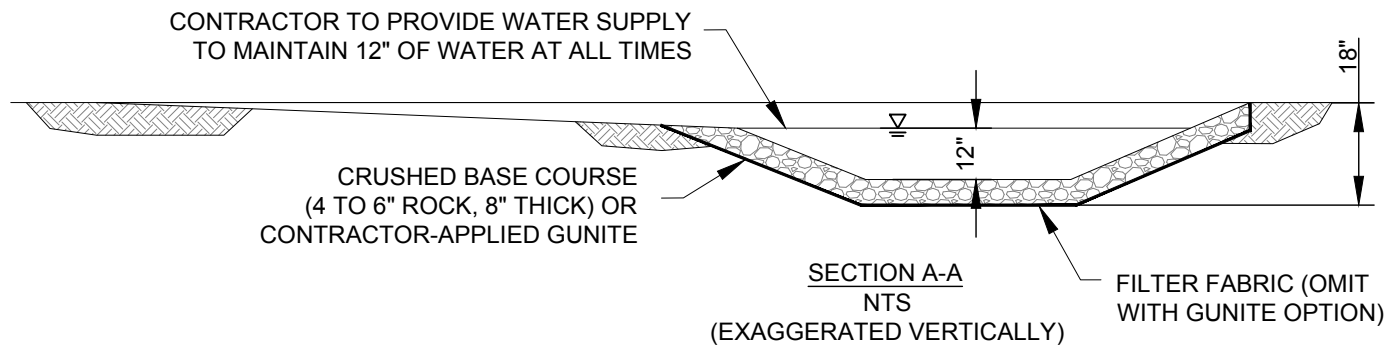
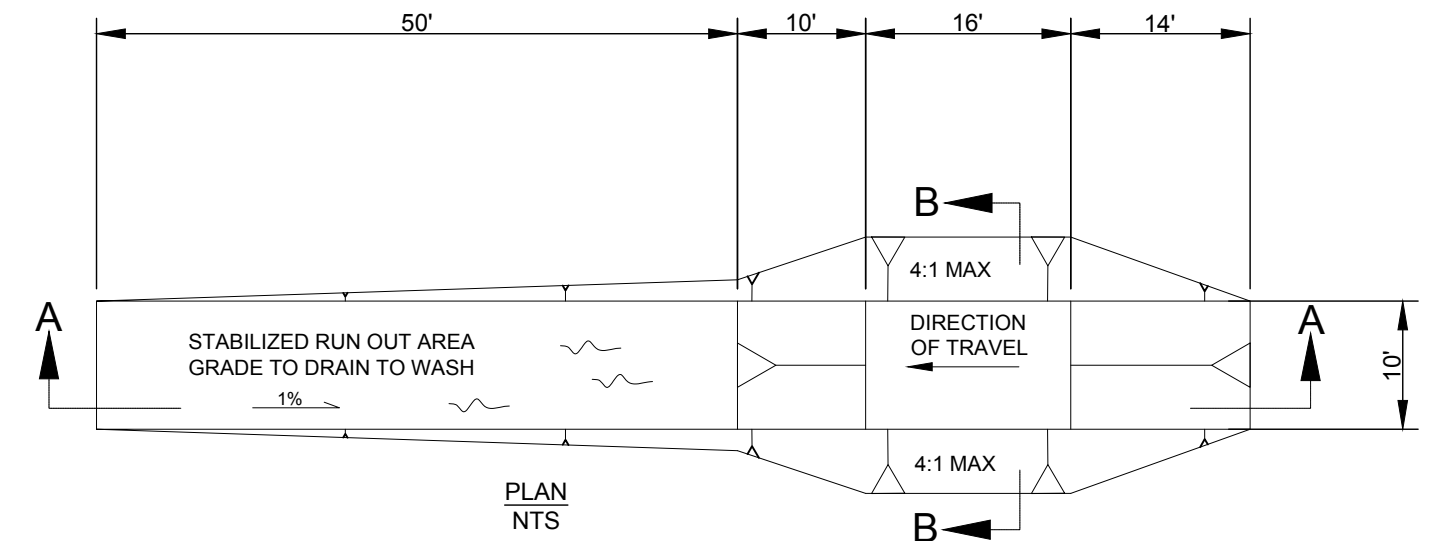
MATTING NOTES:

1. THERE ARE A WIDE RANGE OF MATERIALS AND COMBINATION OF MATERIALS USED TO PRODUCE MATTING INCLUDING, BUT NOT LIMITED TO: STRAW, JUTE, WOOD FIBER, COIR (COCONUT FIBER), PLASTIC NETTING, AND BONDED FIBER MATRIX. THE SELECTION OF MATTING MATERIAL FOR A SITE CAN MAKE A SIGNIFICANT DIFFERENCE IN THE EFFECTIVENESS OF THE BMP.
2. GENERALLY, MATTING IS USED ON SLOPES 2:1 AND STEEPER.
3. SURFACE MUST BE GRADED SMOOTH TO REMOVE ALL DEBRIS AND UNDULATIONS LARGER THAN 2" IN ANY DIRECTION.
4. APPLY SEED AND FERTILIZER PRIOR TO MATTING. INSTALL SO THAT MATTING IS IN COMPLETE CONTACT WITH SOIL SURFACE.
5. STAPLES ARE TO BE INSTALLED PER MANUFACTURES SPECIFICATIONS.
6. ORGANIC MATTING MATERIALS (EXCELSIOR, JUTE, AND COIR) BIODEGRADE AND ARE USEFUL FOR APPLICATIONS REQUIRING STABILIZATION FOR UP TO THREE MONTHS. USE ORGANIC BLANKETS, WHICH RETAIN MOISTURE AND PROVIDE ORGANIC MATTER TO THE SOIL, FOR SLOPE PROTECTION AND SHORT-TERM WATERWAY PROTECTION AND TO IMPROVE THE SPEED AND SUCCESS OF REVEGETATION.
 - EXCELSIOR BRAND (ASPEN WOOD FIBER), WOVEN STRAW, AND COIR BLANKETS MAY BE INSTALLED WITHOUT MULCH BECAUSE THEY PROVIDE COMPLETE SURFACE PROTECTION.
7. SYNTHETIC MATS ARE MADE FROM NON-BIODEGRADABLE MATERIALS AND WILL REMAIN IN PLACE FOR YEARS (SOME PHOTODEGRADATION DOES OCCUR). USE PURELY SYNTHETIC BLANKETS FOR LONG-TERM STABILIZATION OF WATERWAYS.
 - TURF REINFORCEMENT MATS (TRM) ARE MADE FROM POLYMER NETTING OR MONOFILAMENTS FORMED INTO A SYNTHETIC 3-D MAT. TRMs PROTECT SEED AND INCREASE GERMINATION AND ALSO ACTS AS PART OF THE ROOT STRUCTURE; GIVING THE TURF HIGHER STRENGTH.
 - EROSION CONTROL AND REVEGETATION MATS (ECRM), COMPOSED OF HEAT-FUSED MONOFILAMENTS AND MONOFILAMENTS STITCHED BETWEEN NETTING ACT AS PERMANENT MULCH. ECRM ALLOW GROWTH THROUGH THE MAT.
8. CHANNEL OR SWALE APPLICATIONS: LENGTHWISE OVERLAP MATTING A MINIMUM OF 12"; CROSSWISE OVERLAP A MINIMUM OF 6", AND AVOID JOINING MATERIAL IN CENTER OF DITCH OR SWALE.
9. SLOPE APPLICATION: LENGTHWISE OVERLAP MATTING A MINIMUM OF 6"; CROSSWISE OVERLAP A MINIMUM OF 6"; AT TOP OF SLOPE, ENTRENCH MATERIAL IN A 6"x6" TRENCH AND STAPLE AT 12" INTERVAL; AT BOTTOM OF SLOPE, EXTEND MAT 2 FEET BEYOND THE TOE OF THE SLOPE, TURN MATERIAL UNDER 4" AND STAPLE AT 12" INTERVAL; ON 4:1 SLOPES, ROLLS CAN BE PLACED IN HORIZONTAL STRIPS; MATS MUST BE STAPLED IN PLACE AS THEY ARE INSTALLED DOWN THE SLOPE FACE EVERY 4' UNTIL YOU REACH THE BOTTOM. THIS KEEPS BLANKET IN A RELAXED POSITION, ELIMINATING THE POTENTIAL FOR UNDER-RILLING.
10. INSPECT ONCE PER WEEK ON ACTIVE SITES, ONCE EVERY TWO WEEKS ON INACTIVE SITES, AND WITHIN 24 HOURS FOLLOWING A 0.5 INCH RAIN EVENT.
11. REPAIR ANY DAMAGED AREAS OF THE NET OR BLANKET AND STAPLE INTO THE GROUND ANY AREAS NOT IN CLOSE CONTACT WITH THE GROUND SURFACE.
12. IF EROSION OCCURS, REPAIR AND PROTECT THE ERODED AREA.



MATTING - GENERAL NOTES

DRAWING NO. E15	
DATE AUG '25	SCALE NTS
APPROVED BY CR	



NOTE:

1. CONTRACTOR TO REMOVE ACCUMULATED SEDIMENT FROM WHEEL WASH; MAY BE PIPED TO AN APPROVED SEDIMENT TRAP.

REFERENCE:

USE GEOTEXTILE FABRIC WITH AGGREGATE FOR A TEMPORARY TIRE WASH.

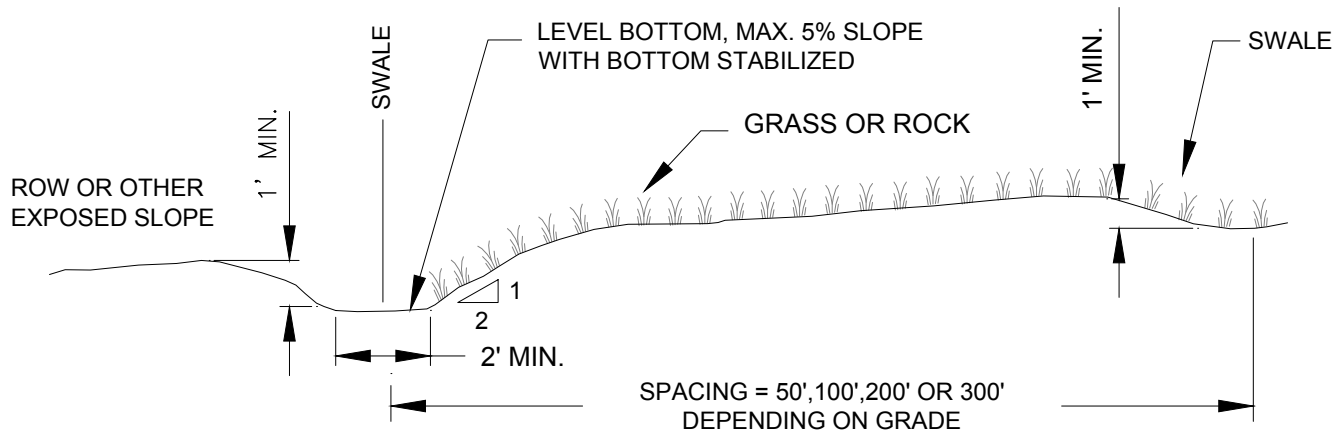


TIRE WASH

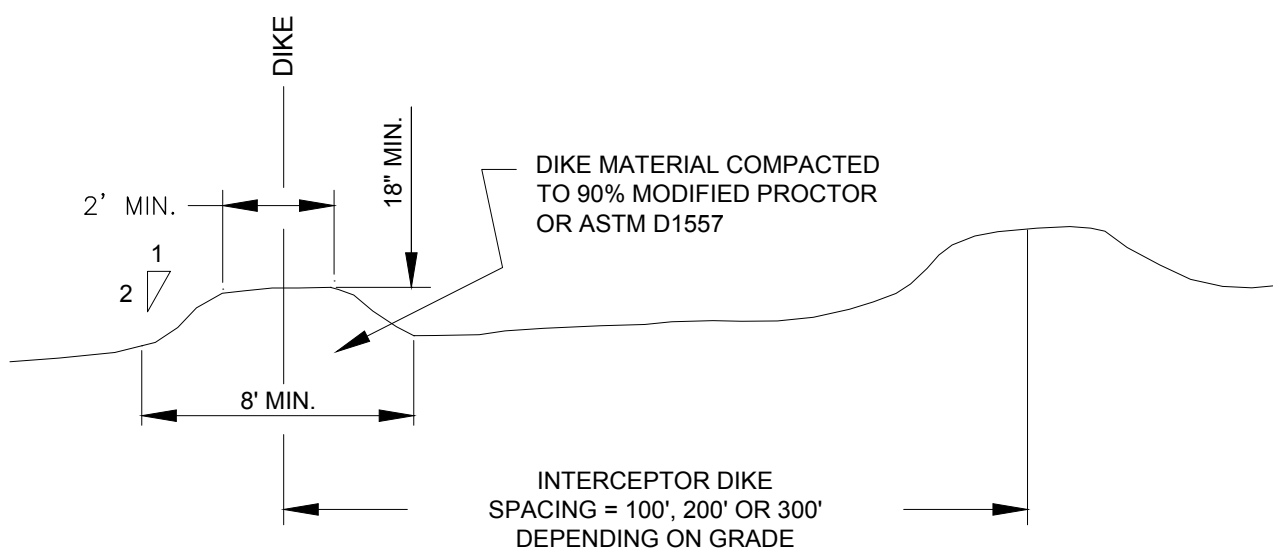
DRAWING NO. **E16**

DATE **AUG '25** SCALE **NTS**

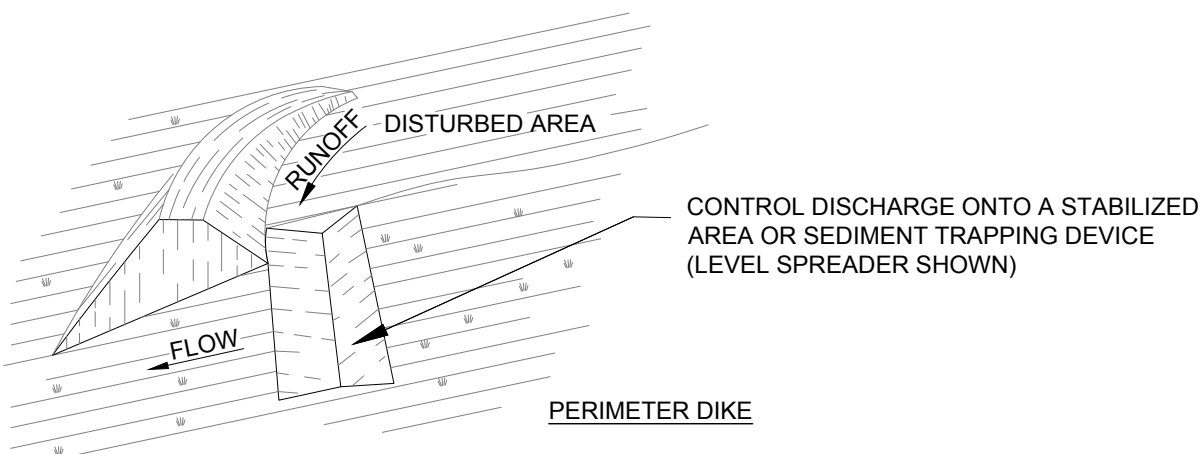
APPROVED BY **CR**



INTERCEPTOR SWALE



TEMPORARY INTERCEPTOR DIKES



INTERCEPT DIKES AND SWALES

DRAWING NO. **E17**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

STORM DRAINAGE NOTES

1. THESE REQUIREMENTS SHALL APPLY TO ALL STORM DRAINAGE FACILITIES IN EXISTING AND PROPOSED PUBLIC RIGHT-OF-WAY, PUBLIC DRAINAGE EASEMENTS, AND TRACTS OF COMMON OWNERSHIP IN THE CITY. STORM DRAINAGE SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO: INLETS, PIPES, DITCHES, CREEKS, RIVERS, WETLANDS, AND STORM WATER QUALITY AND QUANTITY FACILITIES.
2. MATERIALS AND WORKMANSHIP FOR STORM WORK SHALL CONFORM TO THE CITY OF STEVENSON STANDARD DETAIL SHEETS.
3. EMBANKMENT FOR STORMWATER RETENTION OR DETENTION BASINS SHALL BE PLACED IN MAXIMUM EIGHT (8) INCH LIFTS AND EACH LIFT SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT. EMBANKMENTS SHALL BE CONSTRUCTED PER SECTION 2-03 OF THE STANDARD SPECIFICATIONS.
4. PRE-CAST DRAINAGE STRUCTURES PREVIOUSLY APPROVED BY THE WASHINGTON DEPARTMENT OF TRANSPORTATION AND THE CITY OF STEVENSON PUBLIC WORKS DEPARTMENT MAY BE SUBSTITUTED FOR ANY NEW STANDARD CAST-IN-PLACE UNIT. HOWEVER, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE PRE-CAST DRAINAGE STRUCTURES COMPLY WITH THE DESIGN INVERTS AND RIM ELEVATIONS.
5. THE CONTRACTOR IS TO VERIFY ALL INVERT AND TOP ELEVATIONS OF EXISTING STORM SEWERS, AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
6. THE CONTRACTOR IS TO VERIFY CENTERLINE AND TOP OF CURB ELEVATIONS PRIOR TO CONSTRUCTION TO INSURE COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
7. ALL STORM SEWER PIPE AND FITTINGS SHALL BE WATER TIGHT.
8. ALL EXPOSED CULVERT ENDS SHALL BE BEVELED.
9. PROVIDE LOCKING MANHOLE COVERS IN AREAS OUTSIDE OF PUBLIC RIGHT-OF-WAY.
10. CONNECTIONS TO EXISTING MANHOLES SHALL BE ACCOMPLISHED BY USING MANUFACTURER'S PROVIDED KNOCK-OUTS OR CORE DRILLED.
11. WHEN SETTING A NEW MANHOLE ON EXISTING PIPES, THE EXISTING PIPE SHALL NOT BE CUT INTO UNTIL APPROVAL IS RECEIVED FROM THE CITY.
12. WHERE A STORM PIPE CROSSES UNDER AN A.C. WATERLINE THE CONTRACTOR SHALL REPLACE THE EXISTING A.C. WATERLINE OVER THE EXCAVATION WITH DUCTILE IRON PIPE CLASS 52 TO A POINT OF BEARING SOIL A MINIMUM OF THREE FEET (3') EACH SIDE OF THE EXCAVATION.
13. VEGETATION IN BIOFILTRATION SYSTEMS SHALL BECOME FULLY ESTABLISHED PRIOR TO COMMENCING WITH INSTALLATION OF A.C. OR CONCRETE PAVEMENT FOR ALL AREAS DRAINING INTO THE WATER QUALITY SYSTEM. SEED MIXTURES FOR BIOFILTRATION SHALL BE IN ACCORDANCE WITH BMP C120: TEMPORARY AND PERMANENT SEEDING AS NOTED IN THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, VOLUME II - CONSTRUCTION STORMWATER POLLUTION PREVENTION. SEEDING SHALL BE APPLIED AT A RATE OF 120 LBS/ACRE.
14. UNLESS APPROVED OTHERWISE, ALL STORM SEWERS SHALL BE CLEANED, TESTED AND TV'D IN ACCORDANCE WITH THE CITY OF STEVENSON ENGINEERING STANDARDS AND SECTION 7-04.3(1) OF THE STANDARD SPECIFICATIONS PRIOR TO PLACING THE FINAL LIFT OF PAVEMENT.

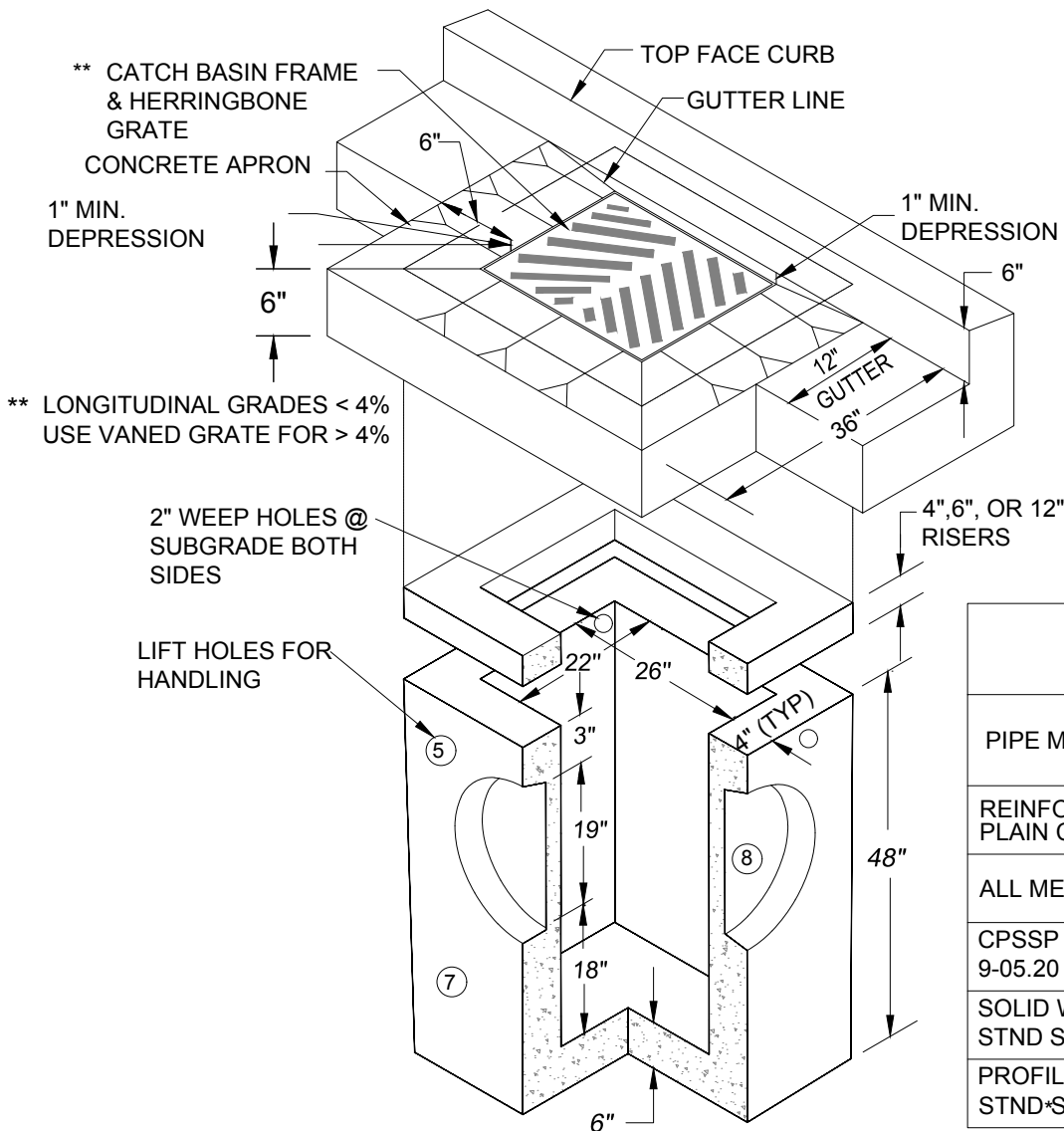


STANDARD DRAINAGE NOTES

DRAWING NO. **D01**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER
REINFORCED OR PLAIN CONCRETE	18"
ALL METAL PIPE	21"
CPSSP STND SPEC 9-05.20	18"
SOLID WALL PVC STND SPEC 9-05.12(1)	21"
PROFILE WALL PVC STND SPEC 9-05.12(2)	21"

CORRUGATED POLYETHYLENE
STORM SEWER PIPE

NOTES:

- CATCH BASIN INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO) M 199) & C890 UNLESS SHOWN ON PLANS OR NOTED IN STANDARD SPECIFICATIONS.
- REINFORCING FOR INLET UNIT, 3 EA. #4 HORIZONTAL BARS.
- REINFORCING FOR TOP UNIT, 2 EA. #3 HORIZONTAL BARS.
- ALL REBAR TO MEET ASTM A615 GRADE 60.
- PRECAST BASES SHALL BE WSDOT TYPE 1 CATCH BASINS PER STANDARD PLAN B-1. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
- ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4,000.
- THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
- ANY PROTRUDING ENDS OF PIPES SHALL BE TRIMMED FLUSH WITH THE INSIDE WALLS AND GROUTED TO THE SATISFACTION OF THE CITY.
- CATCH BASIN FRAME AND GRATE SHALL BE CAST INTO 6" CONCRETE SLAB AND BE ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-62ID. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
- CONTRACTOR SHALL USE PRECAST INLET STRUCTURES, UNLESS APPROVED OTHERWISE.
- INSTALL REMOVABLE TRAP IN ACCORDANCE WITH THE STANDARD CATCH BASIN TRAP DETAIL.
- METAL CATCH BASIN STRUCTURES MAY BE APPROVED BY THE CITY OF STEVENSON ON A CASE-BY-CASE BASIS.

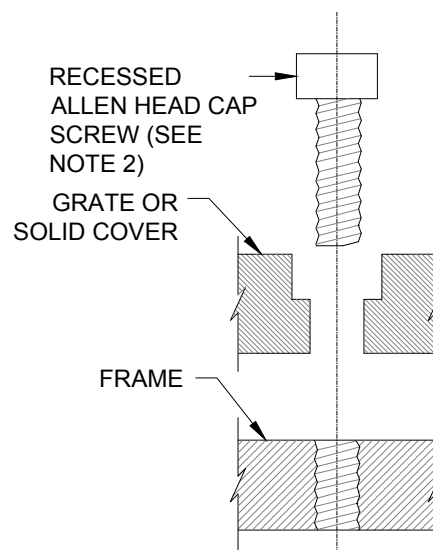
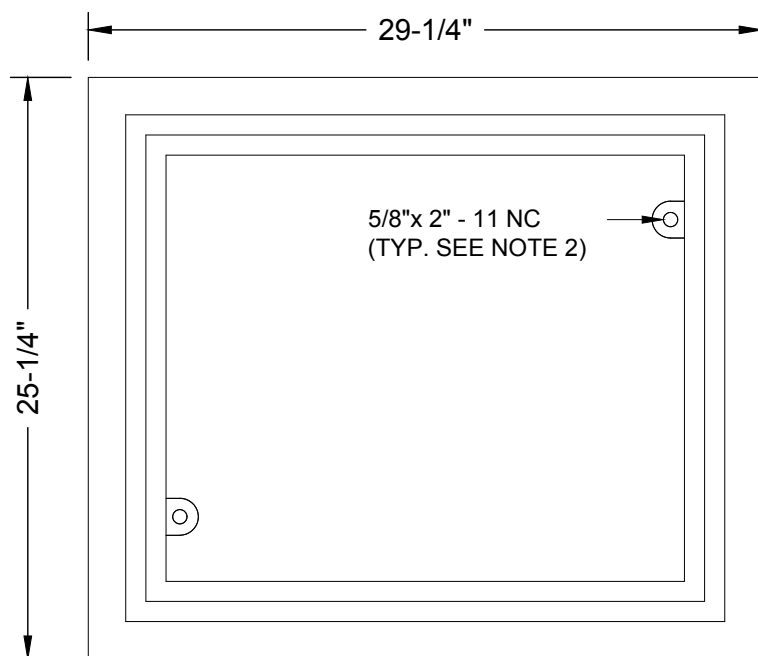


CATCH BASIN TYPE 1

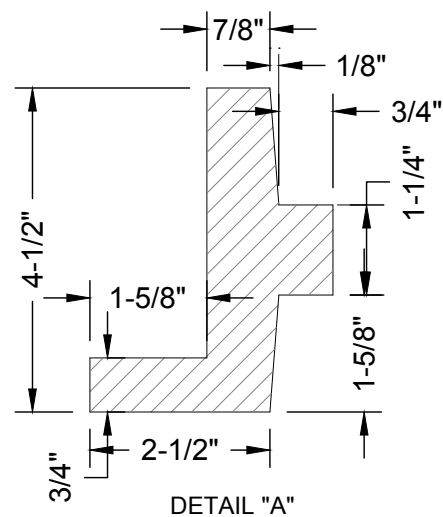
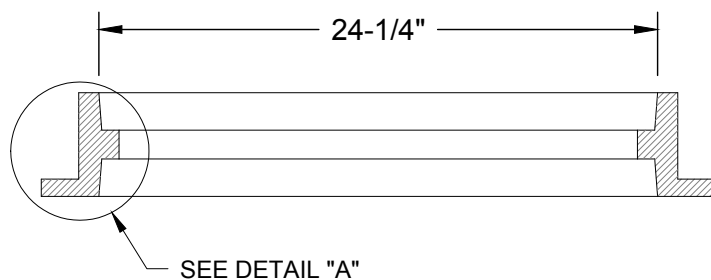
DRAWING NO. **D02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



BOLT DOWN DETAIL



DETAIL "A"

NOTES:

1. WHEN BOLT DOWN GRATES OR COVERS ARE SPECIFIED, PROVIDE TWO HOLES IN THE FRAME THAT ARE VERTICALLY ALIGNED WITH THE GRATE OR COVER SLOTS. TAP EACH HOLE TO ACCEPT A 5/8"x 2" - 11 NC ALLEN HEAD CAP SCREW. LOCATION OF BOLT DOWN HOLES VARIES AMONG DIFFERENT MANUFACTURERS.
2. REFER TO WSDOT STANDARD SPECIFICATION 9-05.15(2) FOR ADDITIONAL REQUIREMENTS.
3. CATCH BASIN FRAME SHALL BE CAST INTO 6" CONCRETE SLAB.

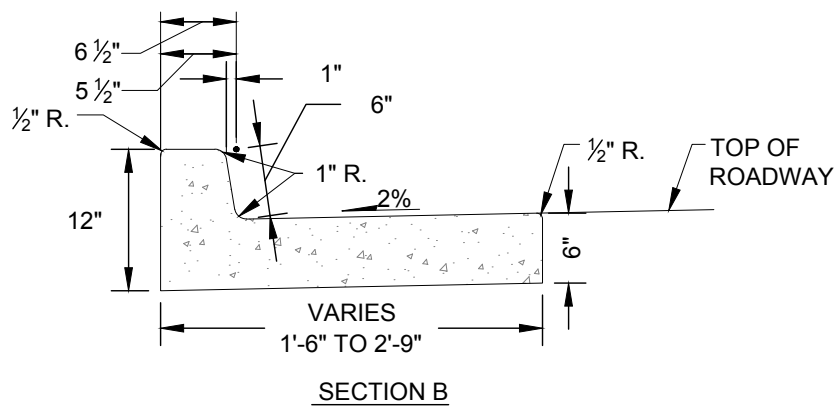
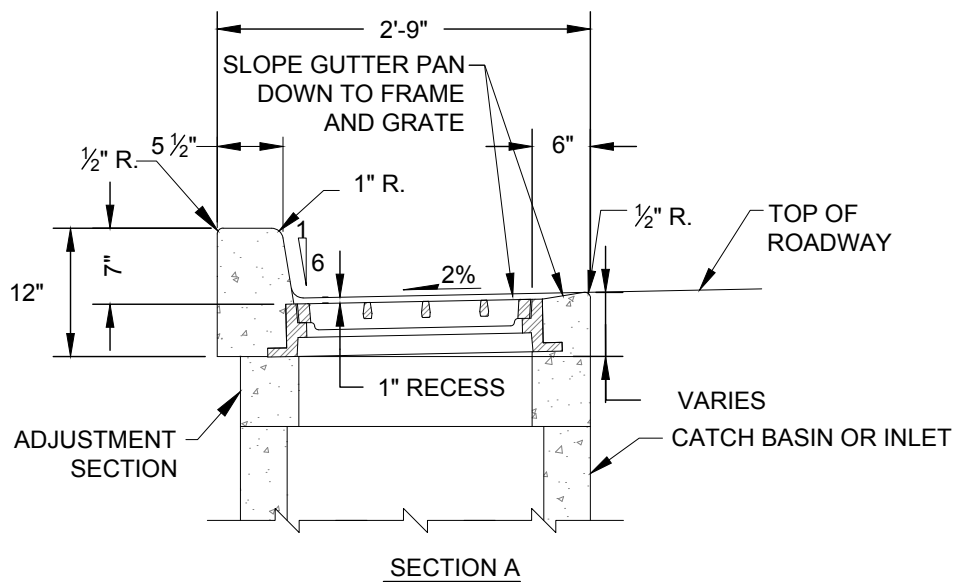
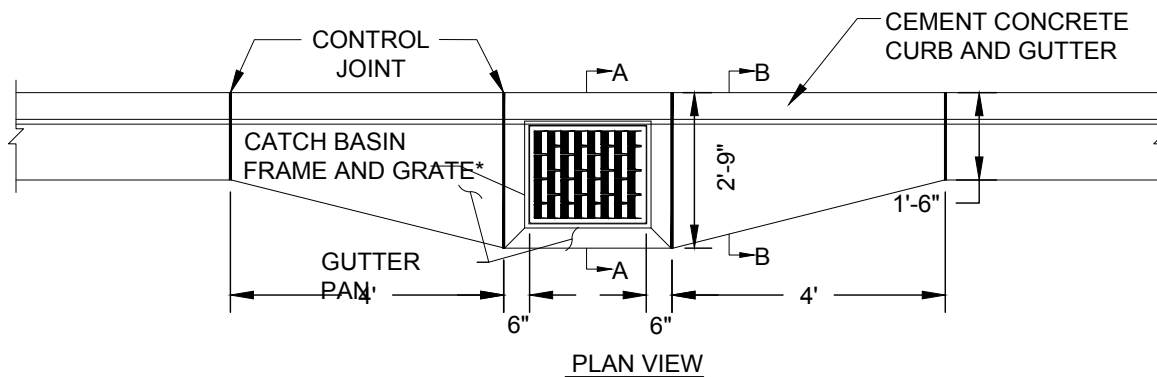


CATCH BASIN FRAME

DRAWING NO. **D03**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



*NOTES:

1. USE VANED GRATE WHERE LONGITUDINAL SLOPE IS 4% OR GREATER.
2. USE HERRINGBONE GRATE WHERE LONGITUDINAL SLOPE IS LESS THAN 4%, SEE STANDARD DETAIL D05.



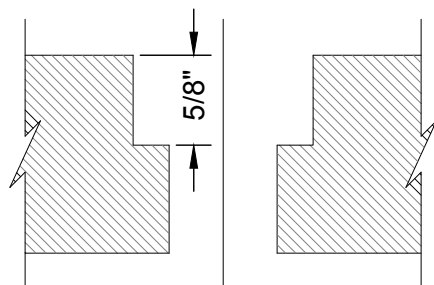
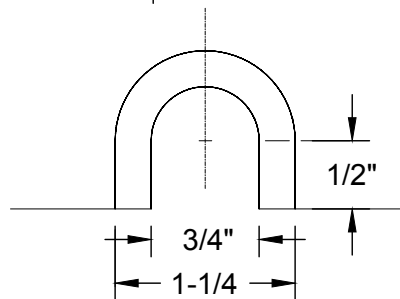
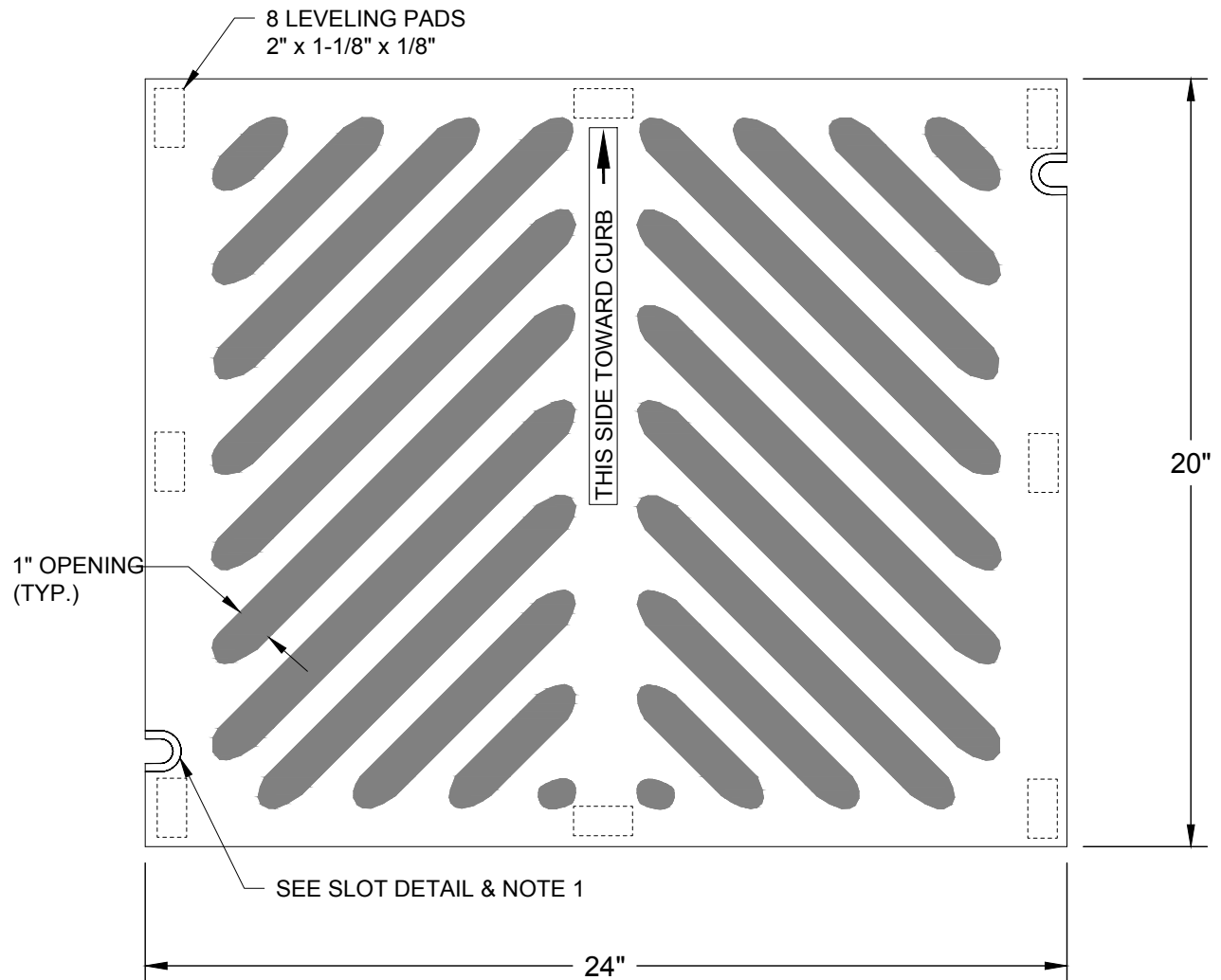
GUTTER PAN

DRAWING NO. **D04**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**



SLOT DETAIL

NOTES:

1. WELDING NOT PERMITTED
2. WHEN BOLT DOWN GRATES ARE SPECIFIED, PROVIDE TWO SLOTS IN THE GRATE THAT ARE VERTICALLY ALIGNED WITH THE HOLES IN THE FRAME. LOCATION OF BOLT DOWN SLOTS VARIES AMONG DIFFERENT MANUFACTURERS.
3. REFER TO WSDOT STANDARD SPECIFICATION 9-05.15(2) FOR ADDITIONAL REQUIREMENTS.
4. FOR FRAME DETAIL, SEE STD. PLAN D04
5. THE THICKNESS OF THE GRATE SHALL NOT EXCEED 1-5/8".

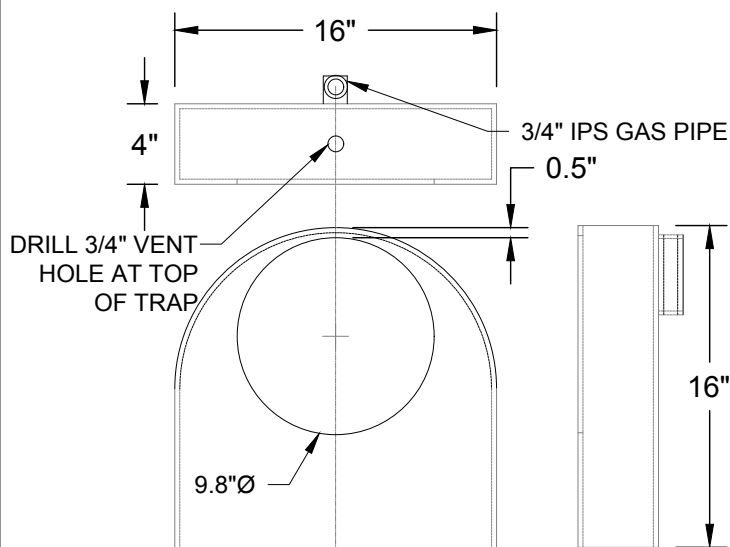


HERRINGBONE GRATE

DRAWING NO. **D05**

DATE **AUG '25** SCALE **NTS**

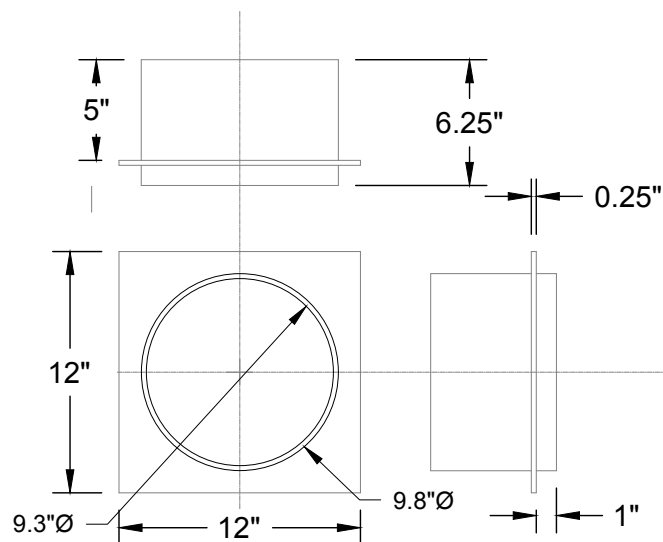
APPROVED BY **CR**



FF57575

MATERIAL
HDPE

LOW PROFILE ELBOW
NTS

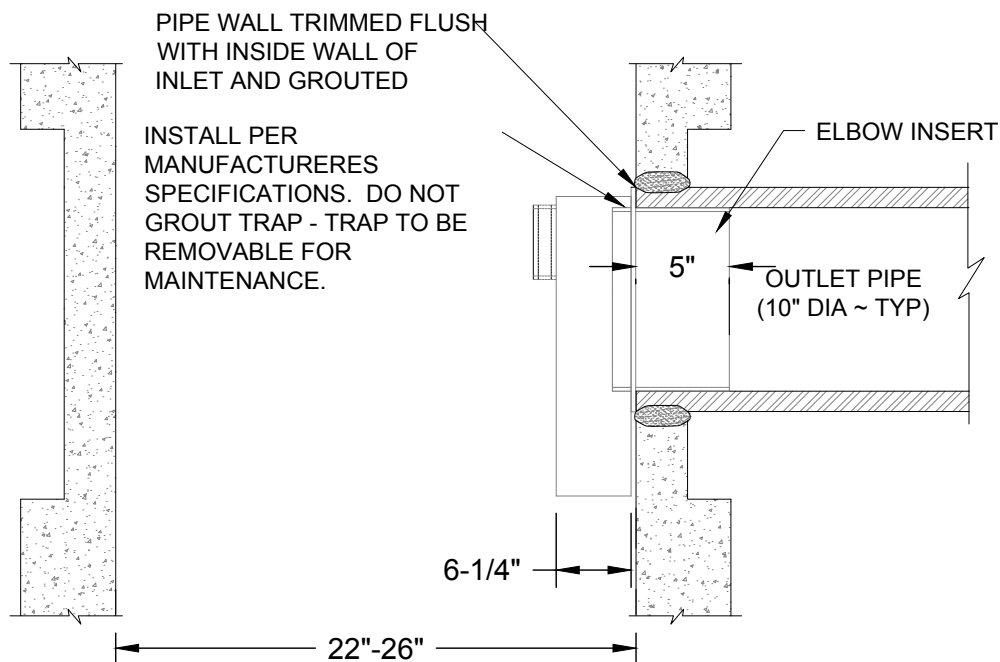


FF57576

MATERIAL
HDPE

ELBOW INSERT
NTS

ZYMARK BRAND OR EQUIVALENT

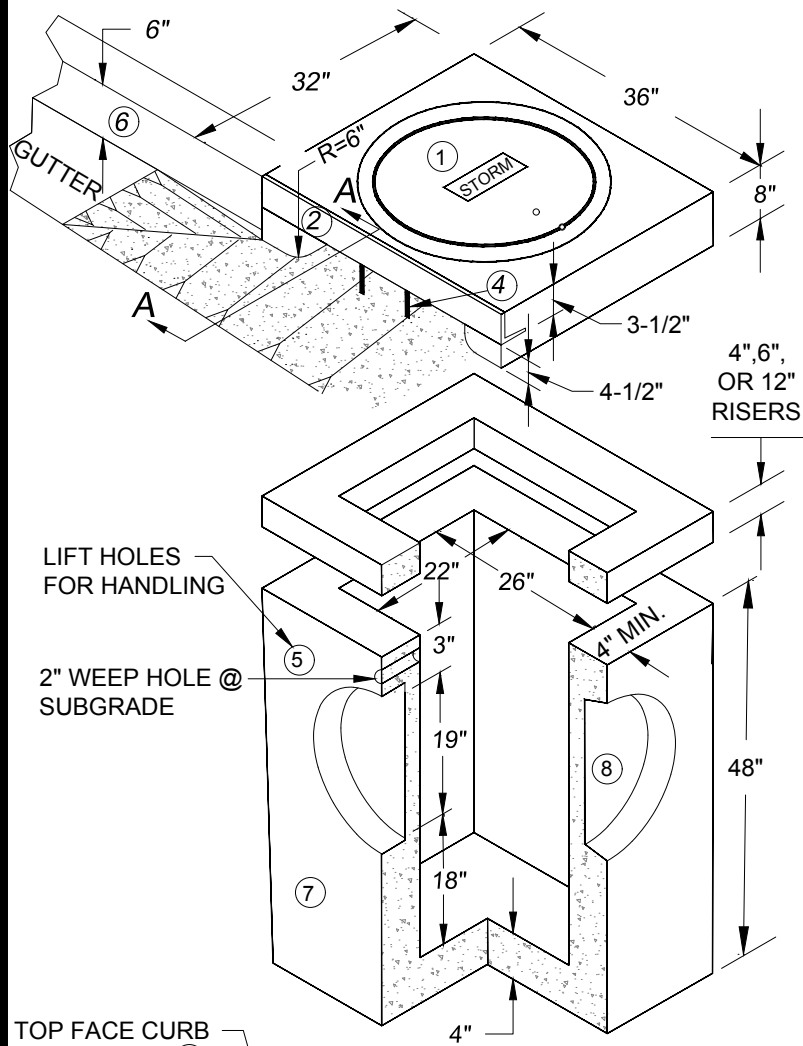


CATCH BASIN TRAP

DRAWING NO. **D06**

DATE **AUG '25** SCALE **NTS**

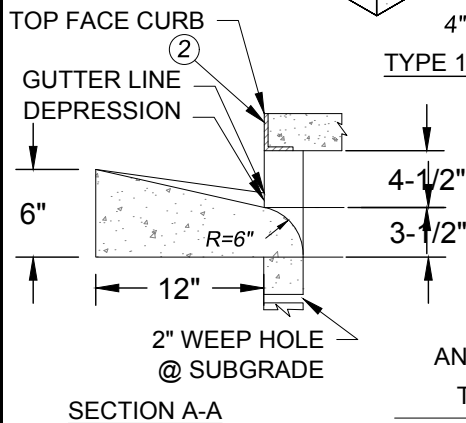
APPROVED BY **CR**



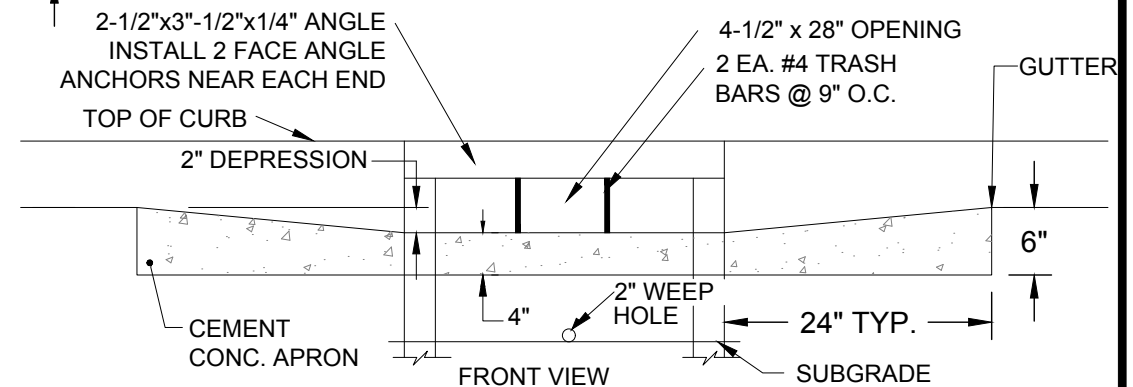
- ① 24\" CAST IRON LOCKING FRAME & COVER
- ② 2 1/2\"x3 1/2\"x1/4\"x 35 7/8\" GALVANIZED ANGLE IRON
- ③ 2\"x2 1/2\"x1/4\"x33\" GALVANIZED ANGLE IRON
- ④ 2 EA. #4 TRASH BARS @ 9\" O.C.
- ⑤ 2 EA. BASE UNIT LIFT HOLES
- ⑥ 6\" CURB AND 12\" GUTTERS
- ⑦ STANDARD WSDOT TYPE 1 BASE UNIT
- ⑧ PIPE KNOCKOUTS ALL FOUR SIDES.

NOTES:

1. CURB INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 & C890 UNLESS SHOWN ON PLANS OR NOTED IN STANDARD SPECIFICATIONS.
2. REINFORCING FOR INLET UNIT, 3 EA. #4 HORIZONTAL BARS.
3. REINFORCING FOR TOP UNIT, 2 EA. #3 HORIZONTAL.
4. ALL REBAR TO MEET ASTM A615 GRADE 60.
5. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4,000.
6. PRECAST BASES SHALL BE WSDOT TYPE 1 CATCH BASINS PER STANDARD PLAN B-1. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
7. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0\".
8. ANY PROTUDING ENDS OF PIPES SHALL BE TRIMMED FLUSH WITH THE INSIDE WALLS AND GROUTED TO THE SATISFACTION OF THE CITY.
9. INSTALL REMOVABLE TRAP IN ACCORDANCE WITH THE STANDARD CATCH BASIN TRAP DETAIL.
10. CONTRACTOR SHALL USE FURNISHING PRECAST INLET STRUCTURES, UNLESS APPROVED OTHERWISE.



TYPE 1 CURB INLET
NTS

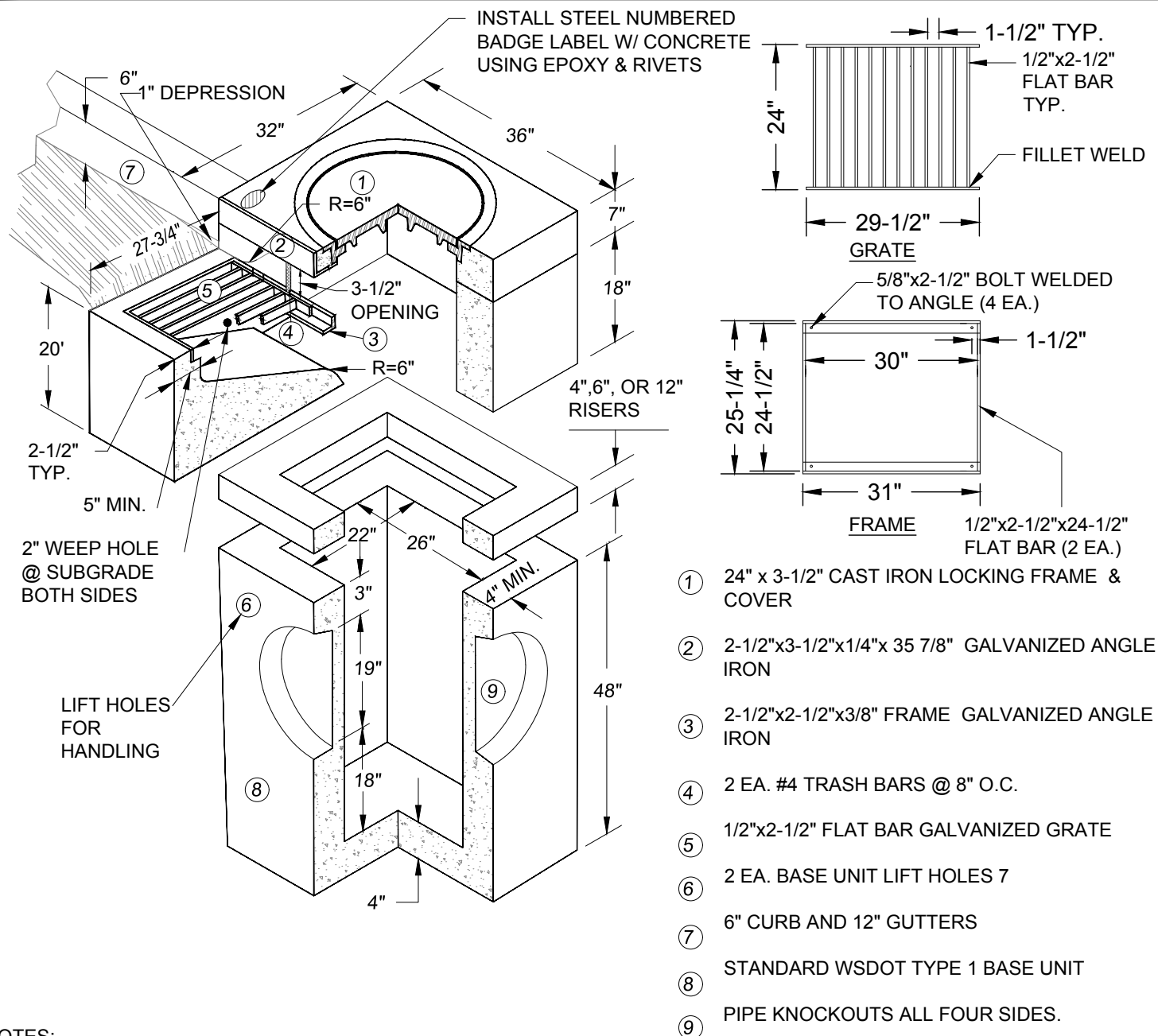


CURB INLET TYPE 1

DRAWING NO. **D07**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. COMBINATION CURB INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 & C890 UNLESS SHOWN ON PLANS OR NOTED IN STANDARD SPECIFICATIONS.
2. REINFORCING FOR INLET UNIT, 3 EA. #4 HORIZONTAL BARS; REINFORCING FOR TOP UNIT, 2 EA. #3 HORIZONTAL BARS; REINFORCING FOR INLET SLOPED BASE, 4x4 MESH.
3. ALL REBAR TO MEET ASTM A615 GRADE 60.
4. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4,000.
5. PRECAST BASES SHALL BE WSDOT TYPE 1 CATCH BASINS PER STANDARD PLAN B-1. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
6. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
7. ANY PROTRUDING ENDS OF PIPES SHALL BE TRIMMED FLUSH WITH THE INSIDE WALLS AND GROUTED TO THE SATISFACTION OF THE CITY.
8. GRATE TO HAVE 1" DEPRESSION AT GUTTER INLET WITH GUTTER TO BE TAPERED DOWN TO INLET.
9. INSTALL REMOVABLE TRAP IN ACCORDANCE WITH THE STANDARD CATCH BASIN TRAP DETAIL.
10. CONTRACTOR SHALL USE PRECAST INLET STRUCTURES, UNLESS APPROVED OTHERWISE.



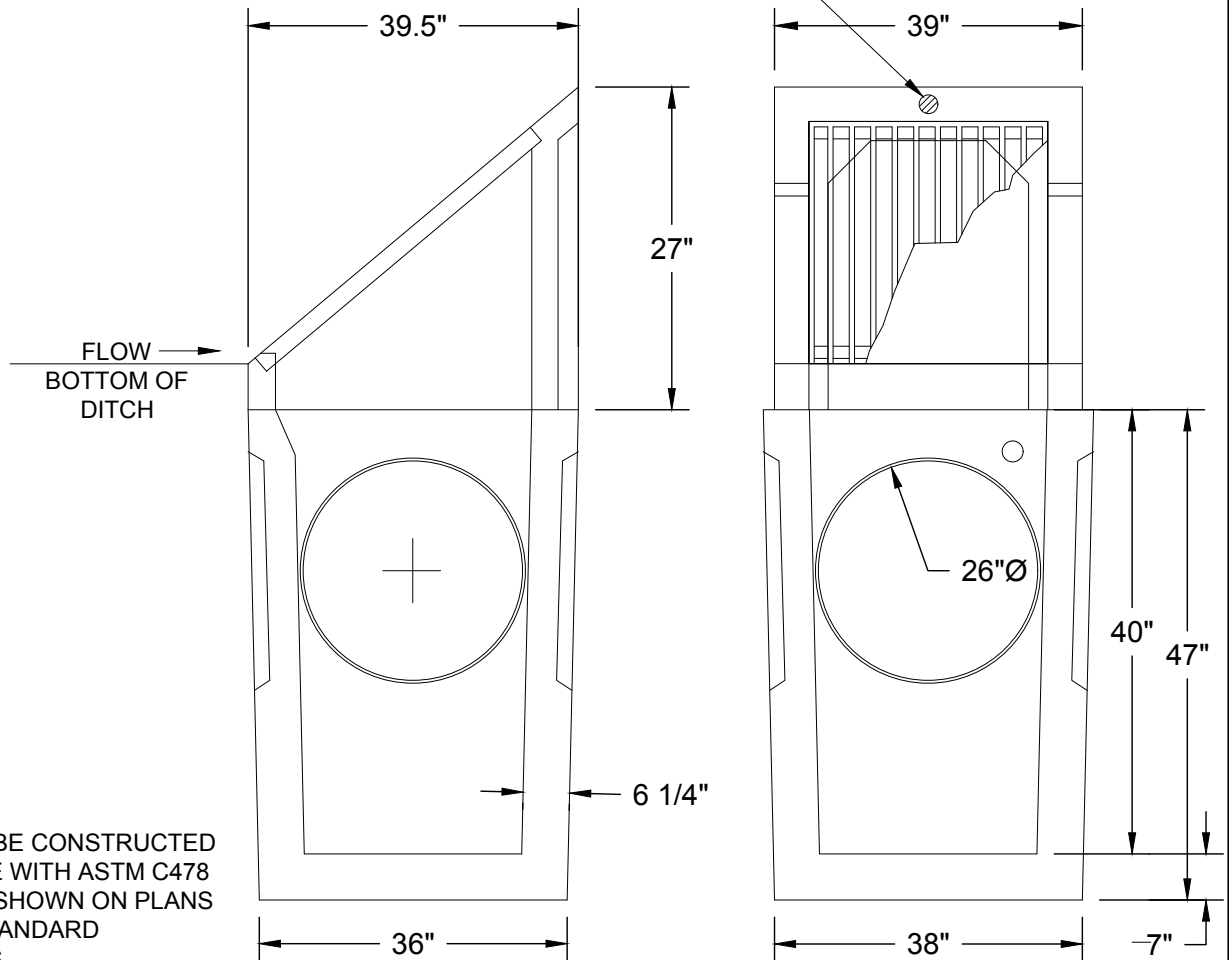
COMBINATION CURB INLET

DRAWING NO. **D08**

DATE **AUG '25** SCALE **NTS**

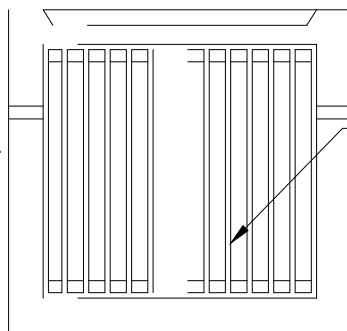
APPROVED BY **CR**

INSTALL STEEL NUMBERED
BADGE LABEL W/ CONCRETE
USING EPOXY & RIVETS

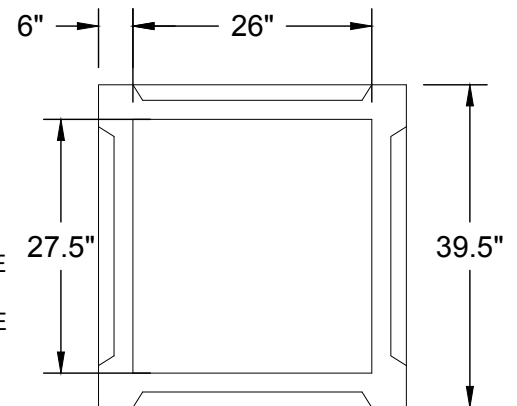


NOTES:

1. CURB INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 & C890 UNLESS SHOWN ON PLANS OR NOTED IN STANDARD SPECIFICATIONS.
2. REINFORCING FOR INLET UNIT, 3 EA. #4 HORIZONTAL BARS.
3. ALL REBAR TO MEET ASTM A615 GRADE 60.
4. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4,000.
5. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
6. ANY PROTUDING ENDS OF PIPES SHALL BE TRIMMED FLUSH WITH THE INSIDE WALLS AND GROUTED TO THE SATISFACTION OF THE CITY.



TOP VIEW - GRATE



TOP VIEW - CATCH BASIN

CAST
IRON
GRATE
AND
FRAME



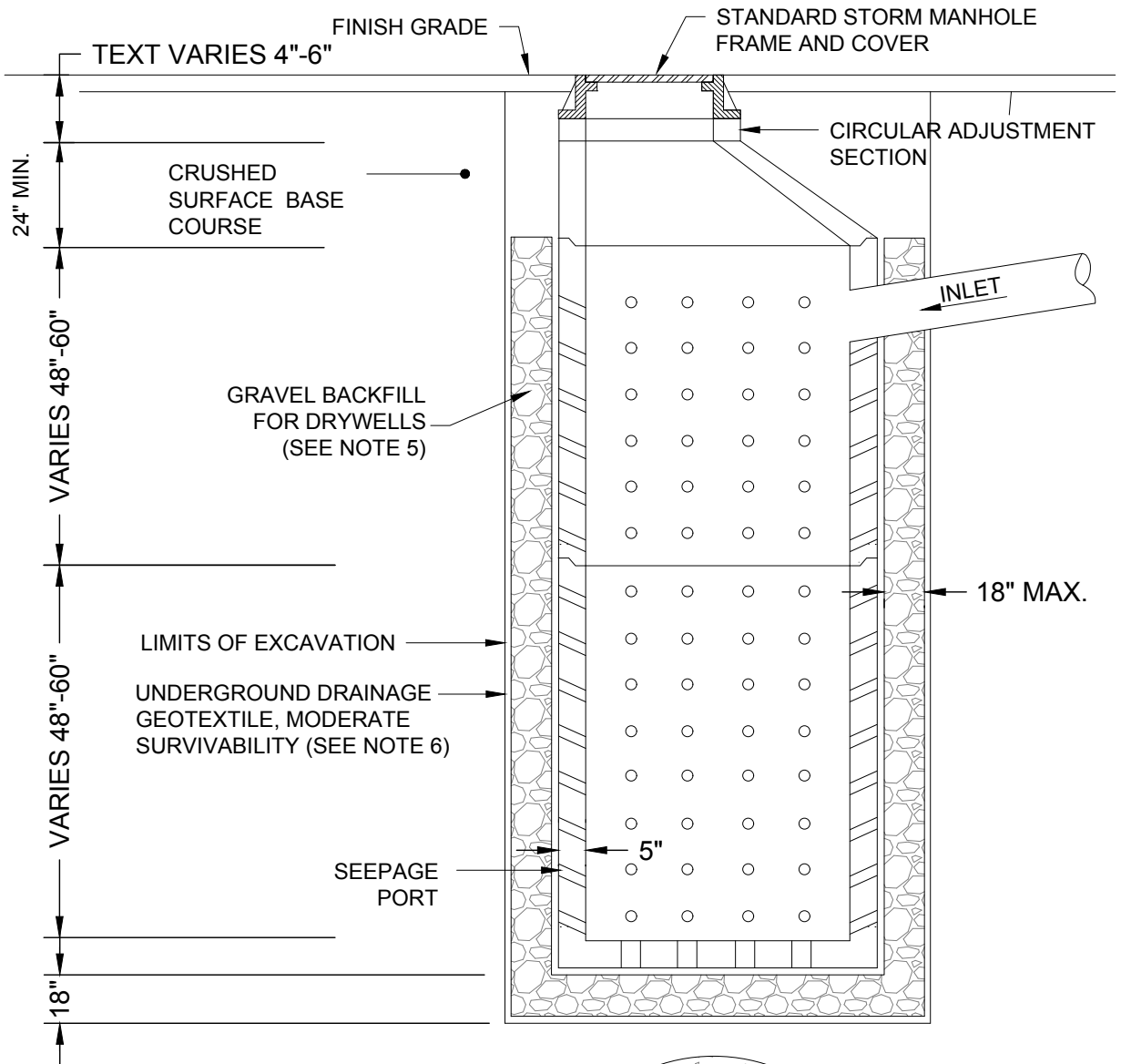
DITCH INLET

DRAWING NO. **D09**

DATE **AUG '25** SCALE **NTS**

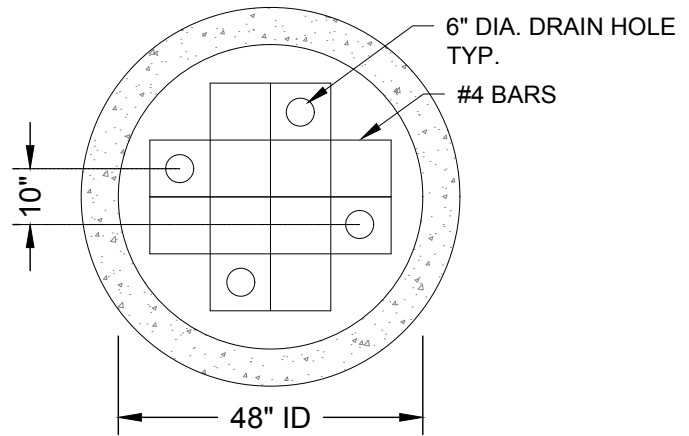
APPROVED BY **CR**





NOTES:

1. ALL PRECAST SECTIONS SHALL CONFORM TO REQUIREMENTS OF ASTM C478.
2. PRECAST CONE SECTIONS MAY BE ECCENTRIC OR CONCENTRIC.
3. ALL PIPING TO AND FROM PRECAST DRYWELLS SHALL HAVE AT LEAST 8" OF CRUSHED ROCK COVER CONTINUOUSLY AROUND PIPE WHERE DRAIN ROCK WOULD OTHERWISE BE IN CONTACT WITH PIPE.
4. PERFORATIONS SHALL BE HORIZONTAL ROWS OF (14) 2-1/4" SQUARE OR (14) 2-3/8" ROUND HOLES, EQUALLY SPACED. ROWS SHALL BE SPACED 6-1/2" CENTER TO CENTER.
5. GRAVEL BACKFILL FOR DRYWELLS PER WSDOT STANDARD SPECIFICATION 9-03.12(5).
6. UNDERGROUND DRAINAGE GEOTEXTILE, MODERATE SURVIVABILITY. PER WSDOT STANDARD SPECIFICATION 9-33.
7. TYPICAL DRYWELL DEPTH IS 13'



BASE SECTION - PLAN VIEW



PRECAST DRYWELL

DRAWING NO. **D11**

DATE **JULY '25** SCALE **NTS**

APPROVED BY **XX**

CELANESE FILTER FABRIC "MIRIAFI 140"
OR APPROVED EQUAL (USED TO
PREVENT CONTAMINATION OF
DRAIN ROCK DURING BACKFILLING.)

TRENCH & SURFACE RESTORATION
PER TYPICAL TRENCH SECTIONS

SUBGRADE

COMPACT BACKFILL

6" MIN

3' UNLESS
OTHERWISE NOTED

12" DIA 16 GAGE PERFORATED ALUMINUM PIPE
OR ADS N-12 PIPE OR EQUIVALENT, UNLESS
OTHERWISE NOTED. INSTALL WITH
PERFORATIONS DOWN

GRAVEL BACKFILL FOR DRAINS PER WSDOT
SEC 9.03.12 (4) OR PROJECT SEPECIFICATIONS

NATIVE MATERIAL

1'

1'

D



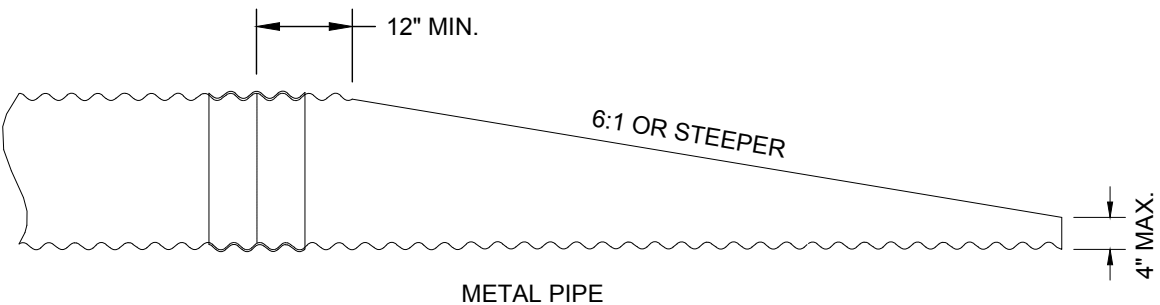
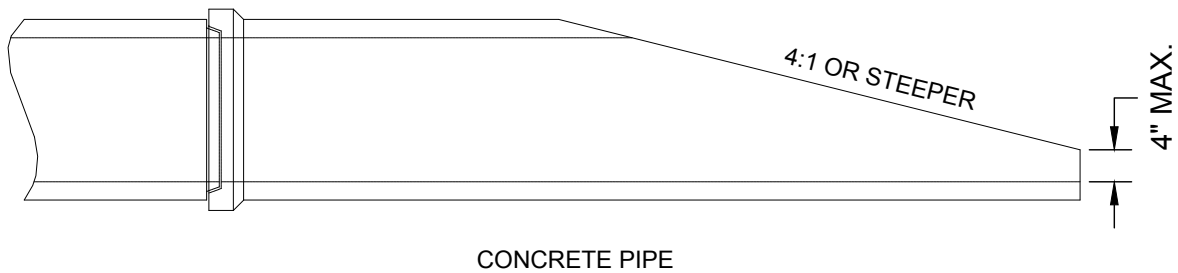
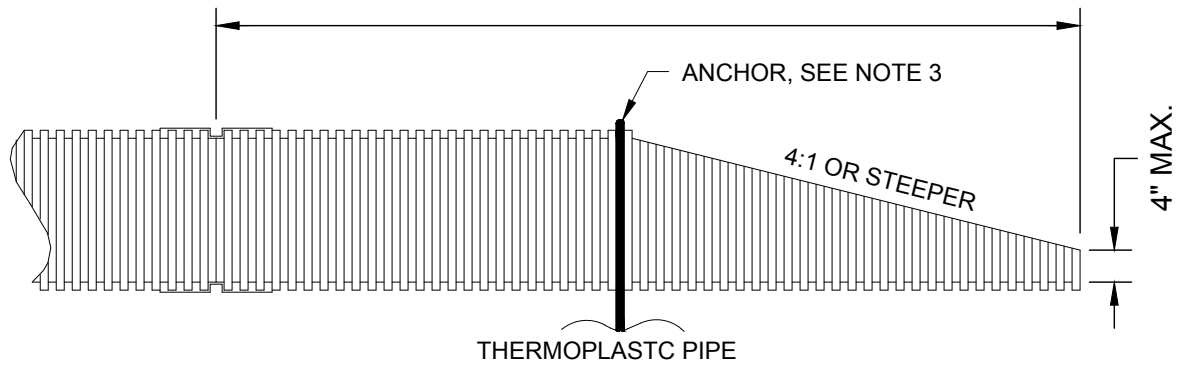
INFILTRATION TRENCH

DRAWING NO. **D12**

DATE **JULY '25** SCALE **NTS**

APPROVED BY **XX**

END SECTION OF THE PIPE SHALL BE SIX TIMES THE DIAMETER OF THE PIPE



NOTES:

1. THE CULVERT ENDS SHALL BE BEVELED TO MATCH THE EMBANKMENT OR DITCH SLOPE, WITHOUT EXCEEDING THE LIMITS SHOWN ON THE PLAN.
2. FIELD CUT OF CULVERT ENDS IS PERMITTED, WHEN APPROVED BY THE CITY. ALL FIELD CUT PIPE CULVERTS SHALL BE TREATED WITH TREATMENT SHOWN IN THE STANDARD SPECIFICATION OR GENERAL SPECIAL PROVISIONS.
3. THE END OF THERMOPLASTIC PIPE SHALL BE ANCHORED.
4. FOR PIPES 18" OR LARGER, TRASH SCREEN REQUIRED.

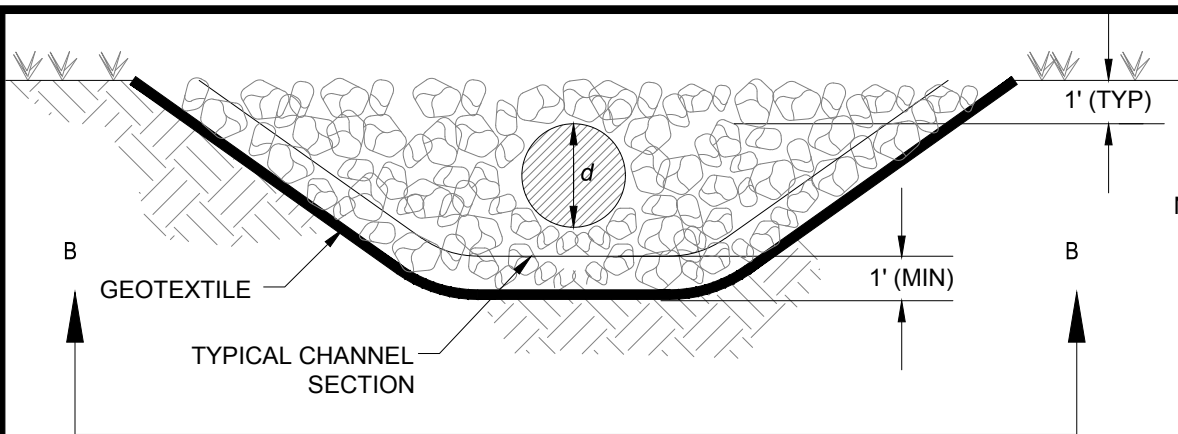


BEVELED END CULVERT

DRAWING NO. **D13**

DATE **AUG '25** SCALE **NTS**

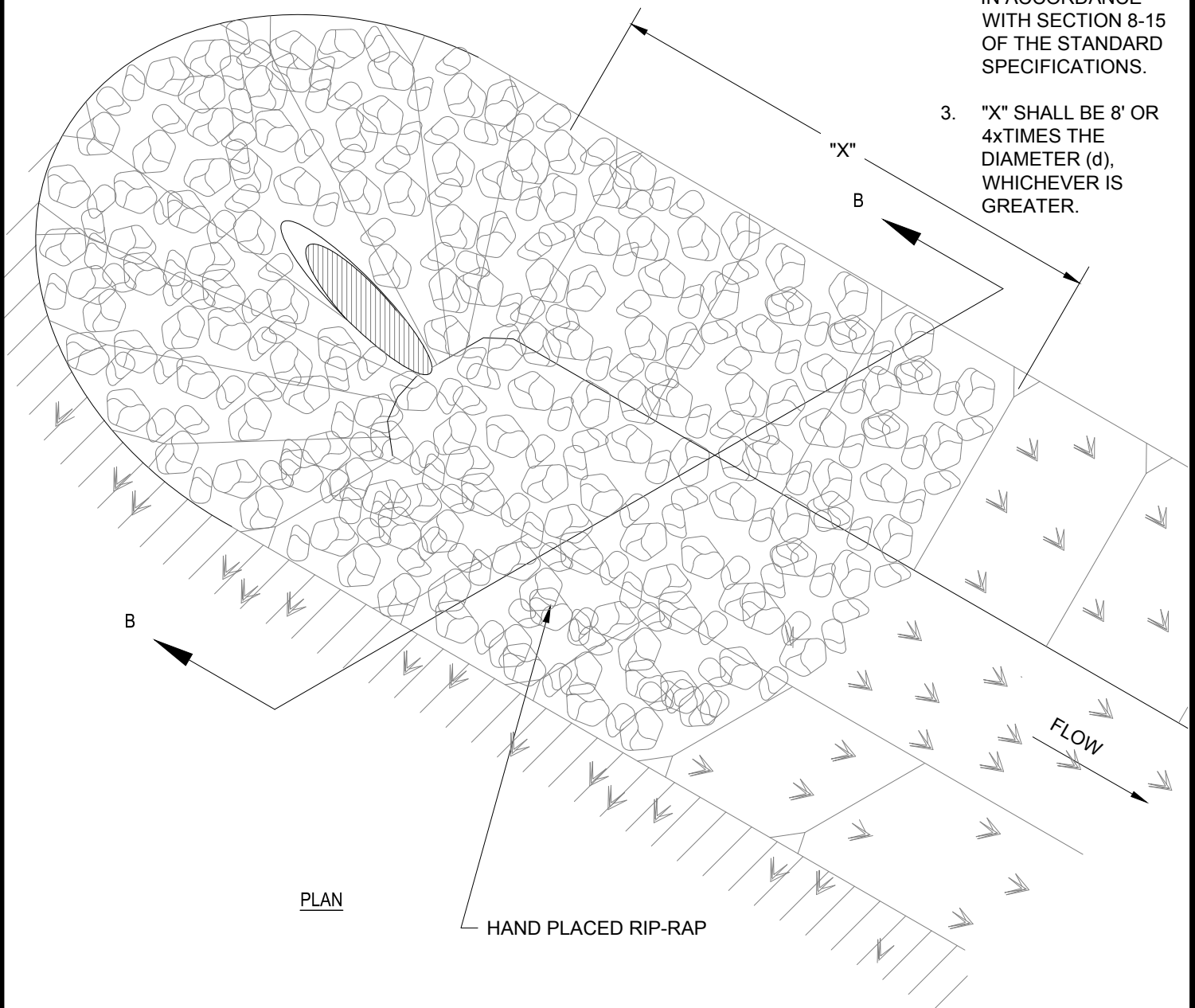
APPROVED BY **CR**



NOTES:

1. GEOTEXTILE SHALL BE IN ACCORDANCE WITH SECTION 9-33 TABLE 3 OF THE STANDARD SPECIFICATIONS.
2. HANDPLACED RIP-RAP SHALL BE IN ACCORDANCE WITH SECTION 8-15 OF THE STANDARD SPECIFICATIONS.
3. "X" SHALL BE 8' OR 4x TIMES THE DIAMETER (d), WHICHEVER IS GREATER.

SECTION



FLAT BOTTOM DITCH RIPRAP

DRAWING NO. **D14**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

GENERAL NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL FOLLOW THE CITY OF STEVENSON ENGINEERING STANDARDS AND STANDARD DETAILS AND THE LATEST EDITION OF THE WSDOT "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION." WHEREVER THE WSDOT STANDARD SPECIFICATIONS REFER TO THE OWNER AS THE "STATE" OR "SECRETARY" OR WHEN REFERENCE IS MADE TO THE DEPARTMENT OF TRANSPORTATION IT SHALL BE UNDERSTOOD THAT THE STANDARD SPECIFICATIONS SHOULD READ THE "CITY". WHERE A CONFLICT EXISTS, THE CITY OF STEVENSON'S STANDARDS SHALL APPLY.
2. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3. NO WORK SHALL COMMENCE PRIOR TO CITY OF STEVENSON'S APPROVAL OF THE CONSTRUCTION PLANS AND A PRECONSTRUCTION CONFERENCE BEING HELD WITH CITY STAFF. THE CONTRACTOR SHALL COORDINATE AND ATTEND A PRECONSTRUCTION CONFERENCE WITH THE CITY OF STEVENSON PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT (509-427-5970) AT LEAST 48 HOURS PRIOR TO THE START OF ON-SITE CONSTRUCTION AND PRIOR TO ANY REQUIRED CITY INSPECTION. ALL MATERIALS AND WORK ARE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF STEVENSON'S DEPARTMENT OF PUBLIC WORKS.
4. THE INSPECTOR SHALL, AT ALL TIMES, HAVE ACCESS TO THE WORK FOR THE PURPOSE OF INSPECTION AND TESTING, AND THE CONTRACTOR SHALL PREPARE FACILITIES FOR SUCH ACCESS AND SUCH INSPECTION AND TESTING.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBSERVING THE SAFETY OF THE WORK AND OF ALL PERSONS AND PROPERTY COMING INTO CONTACT WITH THE WORK. THE CONTRACTOR SHALL CONDUCT HIS WORK IN SUCH A MANNER AS TO COMPLY WITH ALL THE REQUIREMENTS PRESCRIBED BY OSHA/WSHA. THE CITY PROJECT INSPECTOR'S ROLE IS NOT ONE OF SUPERVISION OR SAFETY MANAGEMENT, BUT IS ONE OF OBSERVATION ONLY. NOTHING HEREIN SHALL BE INTERPRETED TO OBLIGATE THE CITY TO ACT IN ANY SITUATION, NOR SHIFT THE OWNER'S RESPONSIBILITY FOR SAFETY COMPLIANCE TO THE CITY. NO RESPONSIBILITY FOR THE SAFETY OF THE WORK OR FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES SHALL ATTACH TO THE CITY BY VIRTUE OF ITS ACTION OR INACTION UNDER THIS SECTION.
6. IF ANY CULTURAL RESOURCES AND/OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA AND CITY OF STEVENSON DEPARTMENT OF COMMUNITY DEVELOPMENT. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND/OR FINES.
7. THE CITY MAY TEMPORARILY SUSPEND THE WORK OR REQUIRE ADDITIONAL PROTECTION MEASURES IF IT APPEARS, BASED UPON OBSERVED CONDITIONS OF THE PROJECT, THAT THE APPROVED PLANS ARE INSUFFICIENT TO PREVENT ENVIRONMENTAL HARM, AND THAT SUCH SUSPENSION OR ADDITIONAL MEASURES WILL PREVENT OR MINIMIZE SUCH HARM.
8. CONSTRUCTION NOISE SHALL BE LIMITED IN ACCORDANCE WITH THE CITY OF STEVENSON NOISE CONTROL ORDINANCE 8.08; NORMALLY, THIS IS 7 A.M. TO 10 P.M., SEVEN DAYS A WEEK.
9. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND/OR CONTRACTOR TO PROCURE ALL APPLICABLE PERMITS, LICENSES, AND CERTIFICATES RELATIVE TO THE TRADES TO COMPLETE THE PROJECT AND FOR THE USE OF SUCH WORK WHEN COMPLETED. COMPLIANCE SHALL BE AT ALL LEVELS, FEDERAL, STATE, COUNTY, AND CITY, RELATING TO THE PERFORMANCE OF THE WORK.
10. THE CONTRACTOR SHALL OBTAIN AND/OR VERIFY THAT THE OWNER HAS OBTAINED ALL OFF-SITE CONSTRUCTION EASEMENTS AND UTILITIES EASEMENTS PRIOR TO THE START OF OFF-SITE CONSTRUCTION.
11. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL PERMITS ISSUED AND EASEMENTS GRANTED TO THE CITY.
12. ANY DEVIATIONS FROM THE PLANS WILL REQUIRE A WRITTEN REQUEST FROM THE APPLICANT'S ENGINEER AND APPROVAL BY THE CITY ENGINEER AND INSPECTOR. "OR EQUAL" PRODUCTS SHALL NOT BE USED WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER.



GENERAL NOTES 1 OF 3

DRAWING NO. G01A	
DATE AUG '25	SCALE NTS
APPROVED BY CR	

13. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY OF STEVENSON FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. INSIDE THE CITY THIS PLAN SHALL BE APPROVED BY THE CITY OF STEVENSON PUBLIC WORKS DEPARTMENT (509) 427-5970 AND OUTSIDE THE CITY THE PLAN SHALL BE APPROVED BY SKAMANIA COUNTY OR WSDOT AS APPLICABLE. APPROVAL SHALL BE OBTAINED TWO (2) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION. ROAD CLOSURE REQUESTS SHALL BE SUBMITTED A MINIMUM OF TWO (2) WEEKS BEFORE BEGINNING CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES, INCLUDING THE INVERT AND TOP OF PIPE ELEVATIONS AT CROSSING LOCATIONS, PRIOR TO THE START OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICTS. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE COMPILED FROM AVAILABLE RECORDS. THIS DOES NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL DIG TEST HOLES OVER ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THEIR EXACT LOCATION. THE CONTRACTOR MAY CONTACT THE NORTHWEST UTILITY NOTIFICATION CENTER AT 1-800-424-5555 (OR 811) IN LIEU OF CONTACTING INDIVIDUAL UTILITIES.
15. NO EXCAVATED MATERIAL IS TO BE PLACED ON CITY STREETS WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY OF STEVENSON.
16. INSTALL ALL PIPE IN ACCORDANCE WITH THE CITY OF STEVENSON STANDARD DETAILS FOR PIPE BEDDING AND BACKFILL (SEE STANDARD DETAILS G04 THROUGH G07).
17. MAINTAIN A MINIMUM OF 10' HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN ALL EXISTING AND PROPOSED WATER AND SEWER LINES. PROVIDE 6" MINIMUM VERTICAL AND 3' MINIMUM HORIZONTAL CLEARANCE (OUTSIDE SURFACES) BETWEEN STORM DRAINPIPES AND OTHER UTILITY PIPES AND CONDUITS. FOR CROSSINGS OF SANITARY SEWER LINES, THE WASHINGTON DEPARTMENT OF ECOLOGY CRITERIA SHALL APPLY.
18. ALL TRENCHES SHALL BE CLOSED AT THE END OF THE DAY WITH A WATERTIGHT PLUG PLACED IN THE END OF THE PIPE. UNATTENDED TRENCHES SHALL BE CLOSED IN THE SAME FASHION.
19. ALL CITY OF STEVENSON PUBLIC UNDERGROUND UTILITIES MUST BE TESTED AND APPROVED PRIOR TO PAVING.
20. STREET RESTORATION SHALL CONFORM TO THE CITY OF STEVENSON STANDARD DETAILS G06 AND G07.
21. ALL STORMWATER FACILITIES SHALL BE FULLY SEEDED AND SHALL HAVE AN ADEQUATE STAND OF VEGETATION PRIOR TO PAVING.
22. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION WHERE APPLICABLE.
23. CONTRACTOR TO LEAVE ALL AREAS OF PROJECT FREE OF DEBRIS AND UNUSED CONSTRUCTION MATERIAL.
24. QUALITY CONTROL TESTING

TESTING SHALL BE PERFORMED BY A CERTIFIED INDEPENDENT TESTING LAB HIRED BY THE DEVELOPER OR DEVELOPER'S CONTRACTOR WITH THE RESULTS BEING SUPPLIED TO THE CITY ENGINEER. ALL TESTING SHALL BE COMPLETED AS SPECIFIED IN THE STANDARD SPECIFICATIONS. THE TEST RESULTS SHALL BE GIVEN TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO PAVING. THE TESTING IS NOT INTENDED TO RELIEVE THE CONTRACTOR FROM ANY LIABILITY FOR THE TRENCH RESTORATION. IT IS INTENDED TO SHOW THE INSPECTOR AND THE CITY THAT THE RESTORATION MEETS THESE SPECIFICATIONS.

BEDDING AND BACKFILL FOR UTILITY TRENCHES

A. FOR UTILITY TRENCHES PROVIDE ONE COMPACTION TEST AT TOP OF BEDDING FOR EVERY 500 FEET OF TRENCH.

B. FOR UTILITY TRENCHES PROVIDE ONE COMPACTION TEST FOR EACH LIFT OF BACKFILL FOR EVERY 500 FEET OF TRENCH.



GENERAL NOTES 2 OF 3

DRAWING NO. G01B	
DATE AUG '25	SCALE NTS
APPROVED BY CR	

EMBANKMENT FOR SUBGRADE

FOR EACH LOCATION WHERE THE FILL IS DEEPER THAN TWO (2) FEET OR GREATER THAN 300 CUBIC YARDS, PROVIDE ONE COMPACTION TEST FOR EVERY TWO (2) VERTICAL FEET AND EVERY 500 CUBIC YARDS.

PROOF ROLL

AREAS TO BE PAVED SHALL BE PROOF-ROLLED FOR APPROVAL BY THE CITY INSPECTOR 24 HOURS PRIOR TO PLACEMENT OF PAVEMENT SURFACING. ALL ROADWAY SUBGRADE, BASE ROCK, AND CURB AREAS SHALL BE PROOF-ROLLED WITH A FULLY LOADED DUMP TRUCK. SOFT SUBGRADE AREAS SHALL BE OVER-EXCAVATED AND REPLACED WITH GRANULAR BASE MATERIAL, COMPACTED AND RETESTED FOR APPROVAL. DEFICIENCIES IN THE PAVEMENT BASE ROCK SHALL BE CORRECTED AND RETESTED PRIOR TO APPROVAL.

SUBGRADE AND CRUSHED SURFACING TESTING

FOR STREETS PROVIDE ONE COMPACTION TEST OF THE SUBGRADE AND ONE COMPACTION TEST OF THE CRUSHED SURFACING FOR EVERY 5,000 SQUARE FEET OF SURFACE AREA OF PAVEMENT, CURB, AND SIDEWALK.

HMA TESTING

A. FOR STREETS, FOR EVERY LIFT, PROVIDE ONE (1) COMPACTION TEST FOR EVERY 5,000 SQUARE FEET OF SURFACE AREA.

B. FOR SURFACE RESTORATION OF UTILITY TRENCHES, FOR EVERY LIFT, PROVIDE ONE (1) COMPACTION TEST FOR EVERY 200 FEET OF TRENCH FOR EVERY LIFT.



GENERAL NOTES 3 OF 3

DRAWING NO. G01C	
DATE AUG '25	SCALE NTS
APPROVED BY CR	

CITY OF STEVENSON
APPROVAL

PUBLIC WORKS DIRECTOR DATE

COMMUNITY DEVELOPMENT DIRECTOR DATE

FIRE MARSHAL DATE

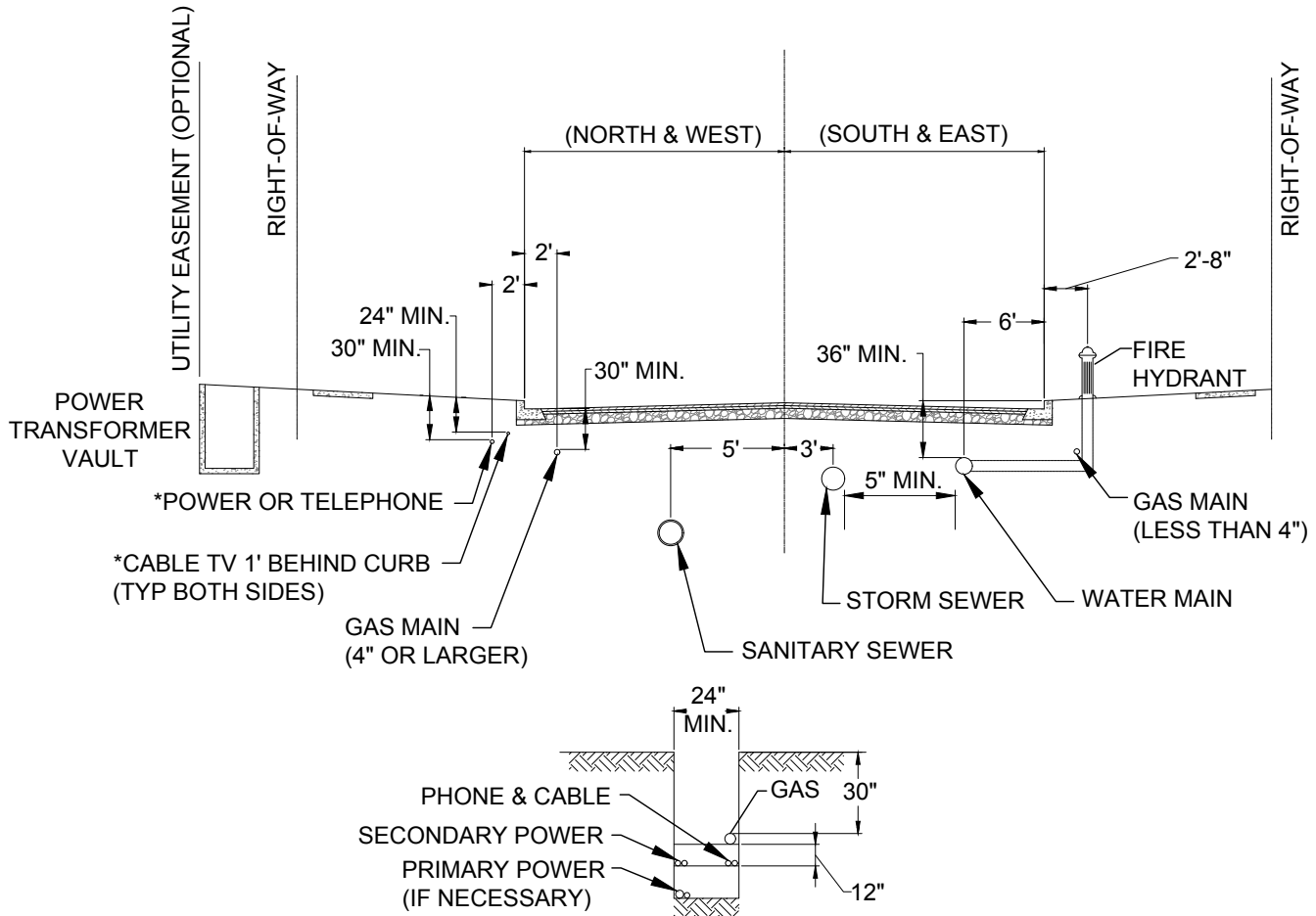
SIGNATURE BLOCK



DRAWING NO. **G02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



*JOINT TRENCH DETAIL (OPTIONAL)

NOTES:

1. LOCATIONS SHOWN ARE TYPICAL. ON STREETS WITH CENTER TURN LANES OR MEDIANS, THE LOCATION OF THE SEWER OR STORM LINES MAY BE ADJUSTED TO KEEP MANHOLES OUT OF MEDIANS AND MANHOLES CONES ARE TO BE ROTATED TO KEEP MANHOLE COVER LOCATED OUTSIDE OF WHEEL PATH.
2. ANY VARIATION FROM THIS DESIGN MUST BE APPROVED BY THE CITY.
3. FRANCHISE UTILITIES - IF SIX FOOT UTILITY EASEMENT IS PRESENT ALONG PROPERTY FRONTAGE, PLACEMENT SHALL BE AT BACK OF SIDEWALK WITHIN UTILITY EASEMENT. ALTERNATE LOCATIONS CONSIDERED ONLY TO SALVAGE CORE ROADWAY, OR TO AVOID SUBSTANTIAL CONFLICT WITH EXISTING UTILITIES. GAS VALVES ARE TO BE LOCATED 2' MIN. FROM FACE OF CURB.

MINIMUM COVER:

GAS	- 30"
CABLE TV	- 24" IN STREET
	- 18" IN SIDEWALK-EXISTING SUBDIVISION
ALL OTHERS	- 36"

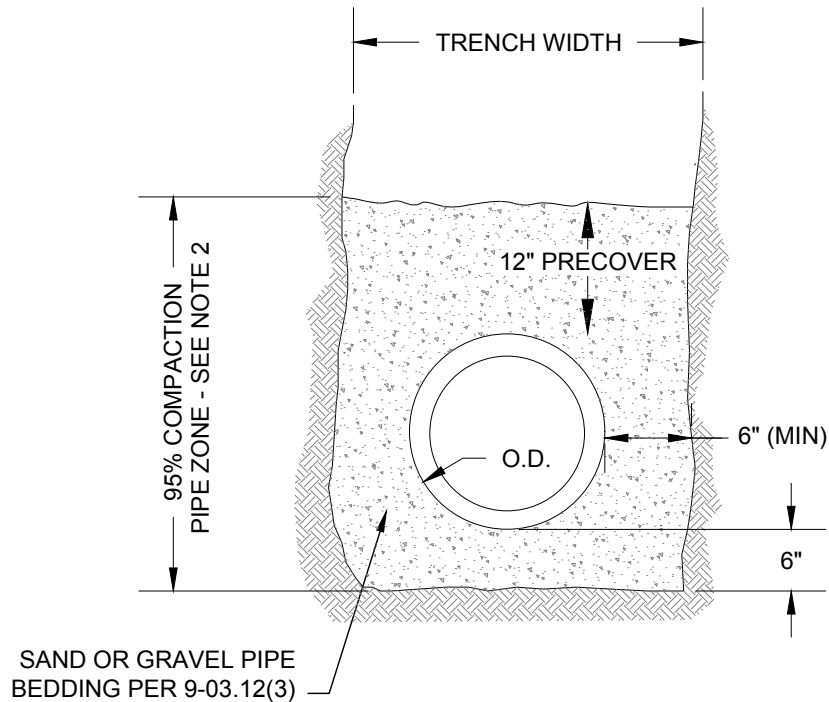


UNDERGROUND UTILITY LOCATIONS

DRAWING NO. **G03**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



GRANULAR FOUNDATION - CLASS C

NOTES:

1. WHERE DIRECTED BY THE ENGINEER, GRANULAR TRENCH FOUNDATION STABILIZATION SHALL BE PLACED PRIOR TO PLACEMENT OF THE BEDDING. SIZE AND DEPTH ARE DEPENDENT ON SOIL CONDITIONS.
2. BEDDING AND BACKFILL MATERIALS IN THE PIPE ZONE SHALL BE COMPACTED AS SPECIFIED PRIOR TO BACKFILLING THE REMAINDER OF THE TRENCH.
3. TRENCH SHALL BE OVER EXCAVATED 6" AND REFILLED WITH GRANULAR MATERIALS AS DIRECT BY THE ENGINEER.
4. BACKFILL AND COMPACTION ABOVE THE PIPE ZONE SHALL BE AS SHOWN IN TYPICAL TRENCH SECTIONS DETAIL.
5. ALTERNATIVE PRE-COVER MATERIALS ARE ALLOWABLE FROM PIPE CENTERLINE TO ONE FOOT ABOVE THE TOP OF PIPE. ALTERNATIVE PRE-COVER MATERIALS MUST BE PRE-APPROVED BY THE INSPECTOR AND MAY BE SAND, CRUSHED SCREENINGS, GRAVEL, OR OTHER CLEAN GRANULAR MATERIAL CONTAINING NO ROCK LARGER THAN 1- $\frac{1}{4}$ " IN LENGTH.
6. APPROVAL FOR SUCH ALTERNATE MATERIALS WILL BE GRANTED UPON CONFIRMATION BY TEST OF ITS COMPLIANCE WITH THESE REQUIREMENTS. SUBMIT 50 LB. SAMPLE FOR TESTING TO THE CITY INSPECTOR, AND OBTAIN APPROVAL OF MATERIAL PRIOR TO STARTING PIPE INSTALLATION WORK. THE TEST REQUIRES A MINIMUM OF FIVE BUSINESS DAYS TO COMPLETE.
7. BEDDING OF PIPE TO BE 6" BELOW AND 12" ABOVE BEFORE BACKFILLING.

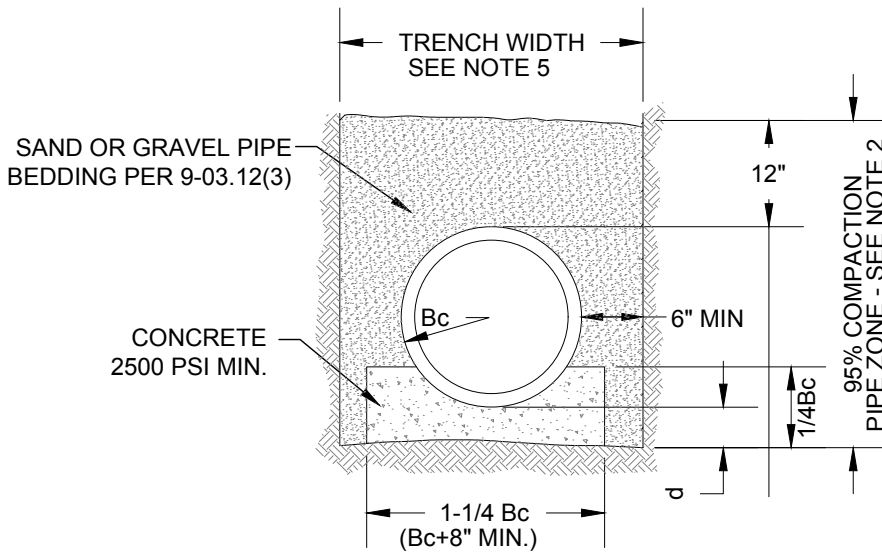


STANDARD PIPE BEDDING, FLEXIBLE PIPE

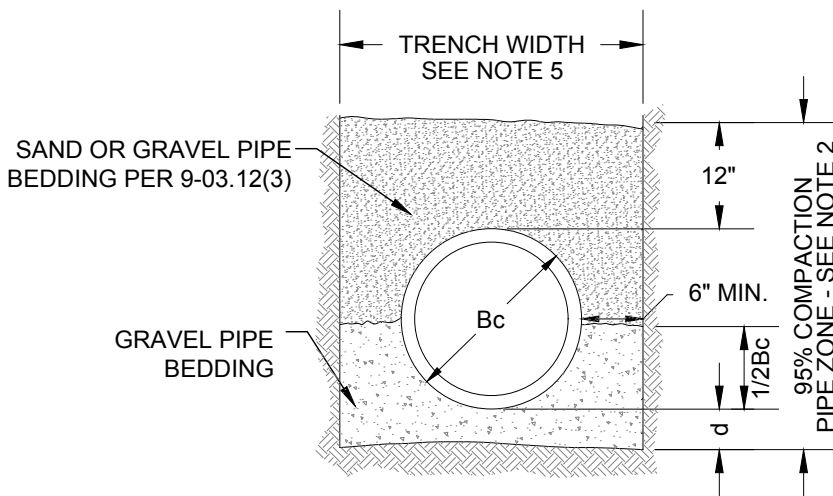
DRAWING NO. **G04**

DATE **AUG '25** SCALE **NTS**

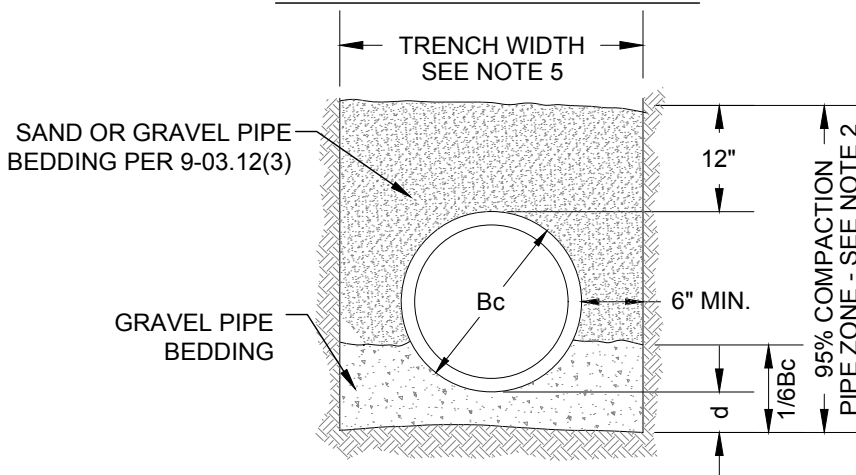
APPROVED BY **CR**



CONCRETE CRADLE - CLASS A



GRANULAR FOUNDATION - CLASS B



GRANULAR FOUNDATION - CLASS C

LEGEND:

B_c = OUTSIDE DIAMETER
 d = DEPTH OF BEDDING MATERIAL
 BELOW PIPE

NOTES:

1. WHERE DIRECTED BY THE ENGINEER GRANULAR TRENCH FOUNDATION STABILIZATION SHALL BE PLACED PRIOR TO PLACEMENT OF THE BEDDING, SIZE AND DEPTH ARE DEPEND- ENT ON SOIL CONDITIONS.
2. BEDDING AND BACKFILL MATERIALS IN THE PIPE ZONE SHALL BE COMPACTED AS SPECIFIED PRIOR TO BACKFILLING THE REMAINDER OF THE TRENCH.
3. THE TRENCH SHALL BE OVER-EXCAVATED 6" AND REFILLED WITH GRANULAR MATERIAL AS DIRECTED BY THE ENGINEER.
4. BACKFILL AND COMPACTION ABOVE THE PIPE ZONE SHALL BE AS SHOWN IN TYPICAL TRENCH SECTIONS DETAIL.
5. TRENCH WIDTH SHALL NOT EXCEED ONE AND ONE-HALF THE INSIDE DIAMETER OF THE PIPE PLUS 18" AT THE TOP OF THE PIPE ZONE.
6. FOR FLEXIBLE PIPE BEDDING SEE DETAIL G04.

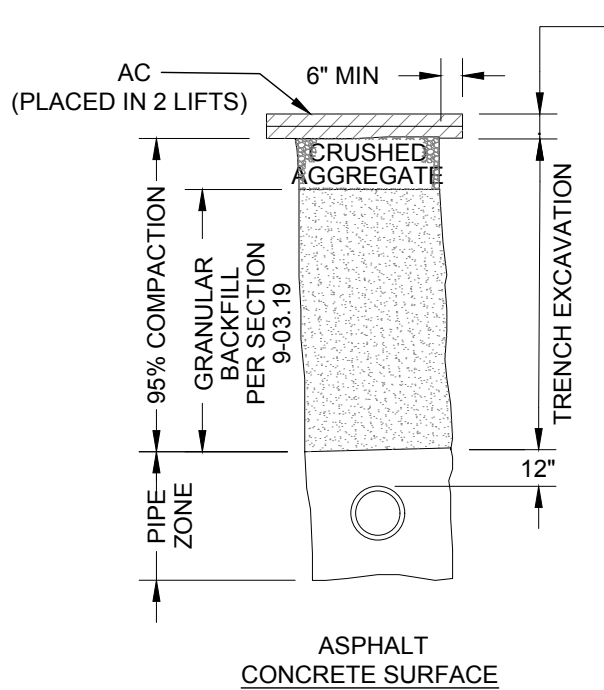
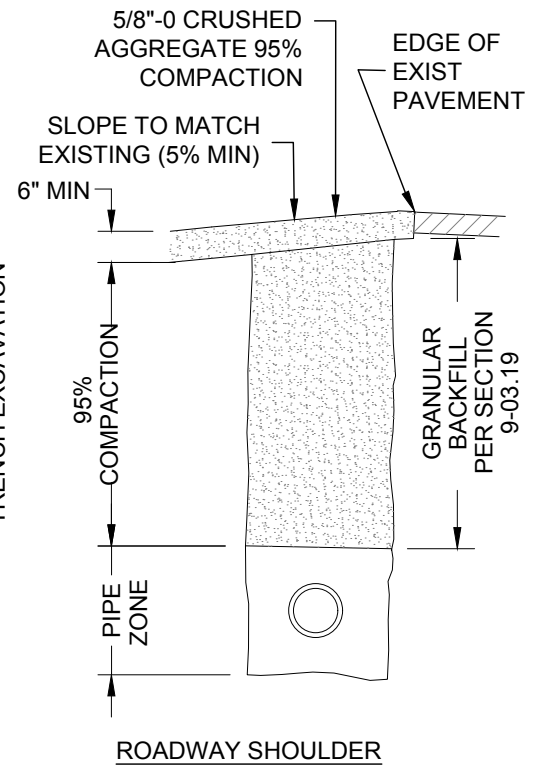
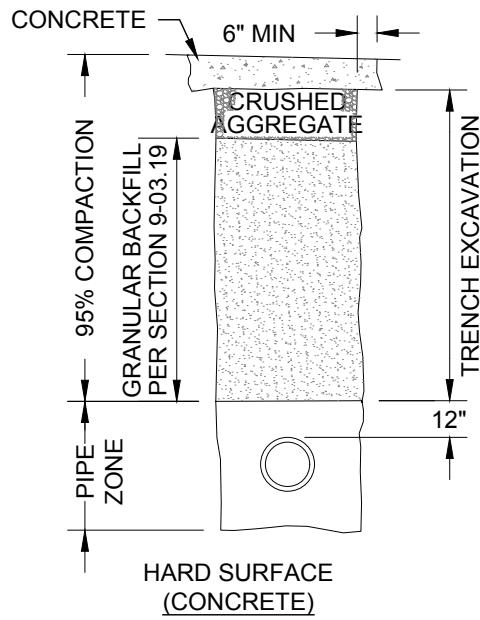
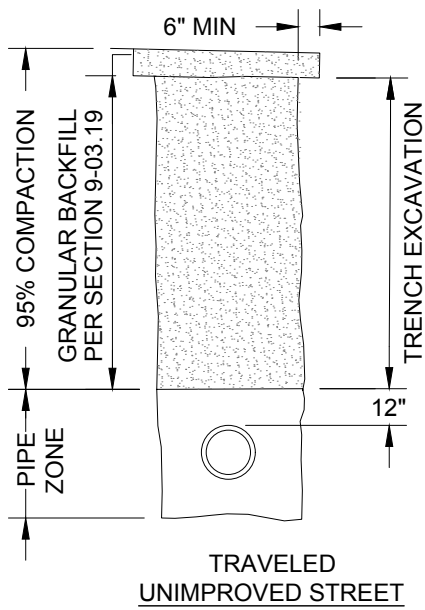


STANDARD PIPE BEDDING, RIGID PIPE

DRAWING NO. **G05**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



SEE TABLE IN NOTE 2
FOR MINIMUM DEPTHS
OF AC AND CRUSHED
SURFACING



TYPICAL UTILITY TRENCH SECTIONS

DRAWING NO. **G06**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

1. TRENCHING OPERATIONS IN PAVED AREAS SHALL BE PATCHED WITH TEMPORARY COLD MIX IMMEDIATELY FOLLOWING COMPLETION. IN NO CASE SHALL A TRENCH BE LEFT UNPATCHED FOR MORE THAN THREE (3) WORKING DAYS. THE FINAL PERMANENT PAVEMENT PATCH SHALL BE COMPLETED AS SOON AS POSSIBLE AND SHALL BE COMPLETED WITHIN THIRTY (30) DAYS AFTER FIRST OPENING THE TRENCH. THIS TIME FRAME MAY BE ADJUSTED DUE TO INCLEMENT PAVING WEATHER OR OTHER ADVERSE CONDITIONS, SUBJECT TO CITY OF STEVENSON APPROVAL.
2. ASPHALT CONCRETE ROAD TRENCH RESTORATION SHALL BE PER THE TABLE. ALL ASPHALT CONCRETE PAVEMENT SHALL BE CLASS 1/2" PG 58V-22. PERMANENT ASPHALT RESTORATION DEPTH SHALL MATCH EXISTING DEPTHS OR PER TABLE (WHICHEVER IS GREATER).

ROAD CLASSIFICATION	MINIMUM PAVEMENT DEPTH (IN)	CRUSHED SURFACING TOP COURSE DEPTH (IN)	CRUSHED SURFACING BASE COURSE (IN)
ARTERIAL	5	2	12
COLLECTOR	4	2	10
ALL OTHER STREETS	3	2	8

3. FOR PIPE ZONE BEDDING, BACKFILL AND COMPACTION REQUIREMENTS, SEE PIPE BEDDING DETAIL FOR RIGID PIPE AND FLEXIBLE PIPE.
4. COMPACTION PERCENTAGES REFER TO RELATIVE DRY DENSITY AS DETERMINED BY STANDARD PROCTOR (ASTM D 698).
5. CONTRACTOR MAY USE UP TO 2-1/2" OF 5/8" - 0 OR 3/4" - 0 CRUSHED AGGREGATE IN LIEU OF 1-1/4" - 0 BASE ROCK UNDER SURFACING FOR LEVELING COURSE.
6. ALL EXISTING PAVED SURFACES SHALL BE SAW CUT A MINIMUM OF 6" OUTSIDE OF EDGE OF TRENCH TO PROVIDE A NEAT STRAIGHT EDGE.
7. THE EDGES OF ALL EXISTING ASPHALT SURFACES SHALL BE CLEANED AND A TACT COAT SHALL BE APPLIED PER STD. SPEC. SECTION 5-04.3(5). ALL JOINTS SHALL BE SEALED WITH AR-4000 AND SANDED.
8. ALL BACKFILL SHALL BE MECHANICALLY COMPACTED IN LIFTS WHICH DO NOT EXCEED RATED CAPABILITY OF EQUIPMENT USED, BUT IN NO CASE EXCEED 12" LOOSE.

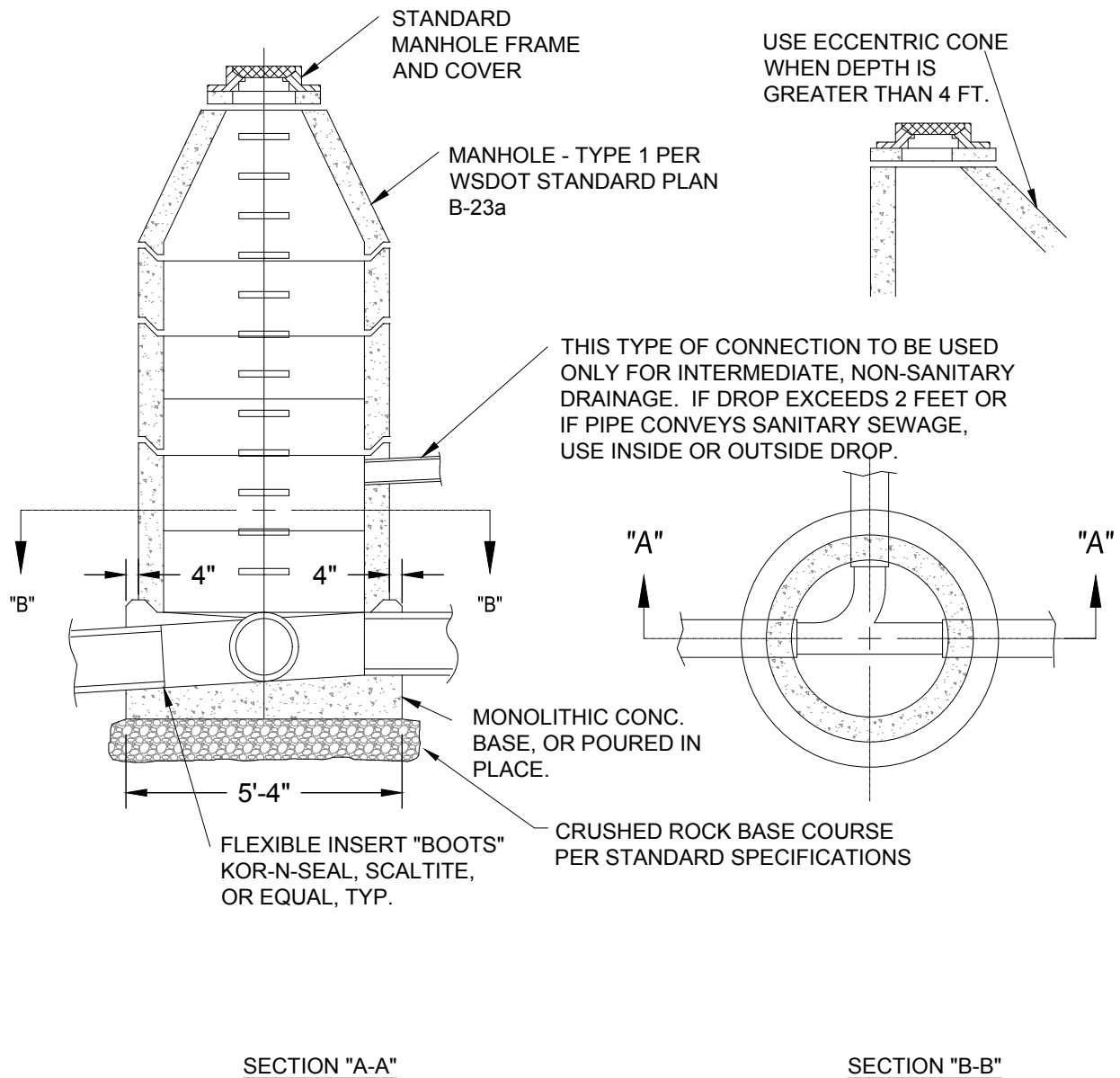


TYPICAL UTILITY TRENCH SECTIONS NOTES

DRAWING NO. **G07**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. SEE STANDARD MANHOLE DETAILS FOR ADDITIONAL INFORMATION.
2. CONSTRUCT CONCRETE CHANNEL IN MANHOLE TO $\frac{3}{4}$ OF PIPE DIAMETER.

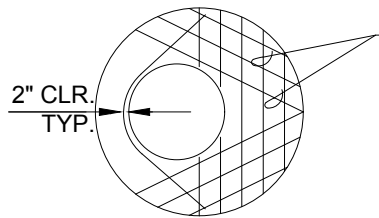


STANDARD MANHOLE

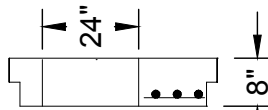
DRAWING NO. **G08**

DATE **AUG '25** SCALE **NTS**

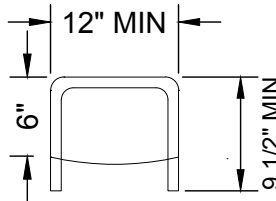
APPROVED BY **CR**



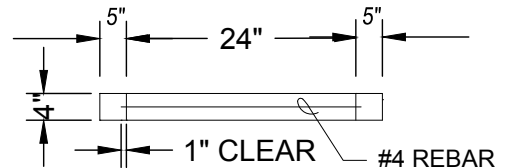
#4 BARS @ 6" CENTERS
BOTTOM FACE 1" MIN
COVER



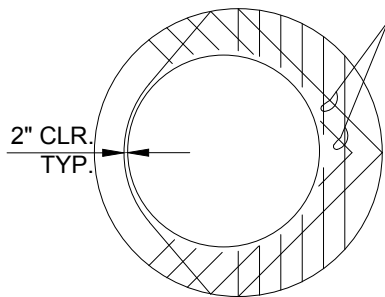
48", 54", & 60" TOP SLAB



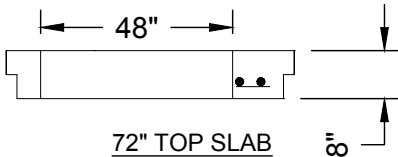
MANHOLE STEP



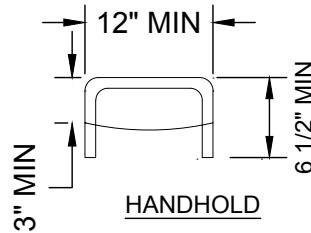
GRADE RING



#5 BARS @ 6"
CENTERS BOTTOM
FACE 1" MIN COVER

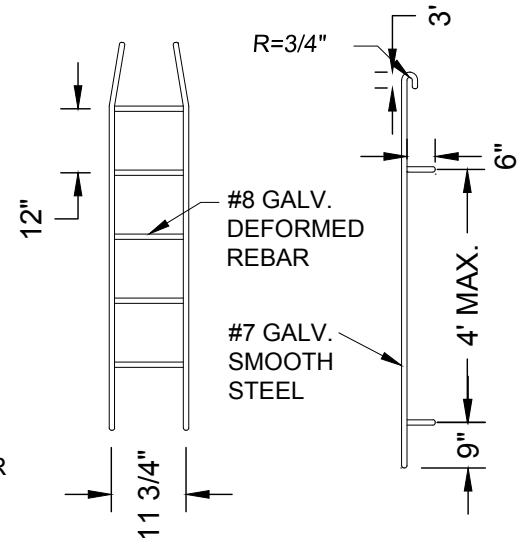


72" TOP SLAB



HANDHOLD

* ALL STEPS & RUNGS
SHALL BE COPOLYMER
PROPYLENE



PREFABRICATED LADDER

NOTES:

1. PROPRIETARY MANHOLE HANDHOLDS AND STEPS ARE ACCEPTABLE, PROVIDED THAT THEY CONFORM TO SEC. R, ASTM C478, AASHTO M199 AND MEET ALL WISHA REQUIREMENTS.
2. MANHOLE STEPS SHALL BE INSTALLED PER 7-05.3 AND SHALL BE PARALLEL OR APPROXIMATELY RADIAL AT THE OPTION OF THE MANUFACTURER. PENETRATION OF OUTER WALL BY A LEG IS PROHIBITED.
3. HANDHOLDS AND STOPS SHALL HAVE "DROP" RUNGS OR PROTUBERANCES TO PREVENT SIDEWAYS SLIP.
4. LADDERS OR STEPS SHALL EXTEND TO WITHIN 16" OF BOTTOM OF MANHOLE.
5. HANGING LADDERS SHALL BE PERMANENTLY FASTENED AT TOP BY HANGING ON STEP OR BY BOLTING OR EMBEDDING IN CONCRETE. EACH SHALL BE EMBEDDED AT BOTTOM IN BASE.
6. ADDITIONAL SAFETY FEATURES MAY BE REQUIRED IN VERY DEEP OR UNUSUAL STRUCTURES.



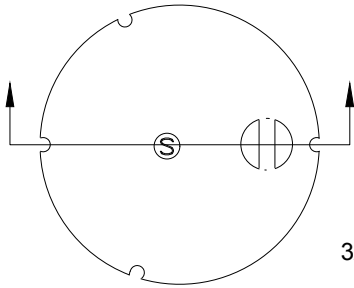
MANHOLE DETAILS

DRAWING NO. **G09**

DATE **AUG '25** SCALE **NTS**

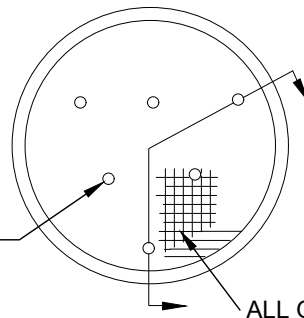
APPROVED BY **CR**

WATERTIGHT



1/2" - 13 N.C. x 1
1/8" HEX. HD. S. STEEL
CAP SCREW 3 REQ'D
PER COVER 120° APART

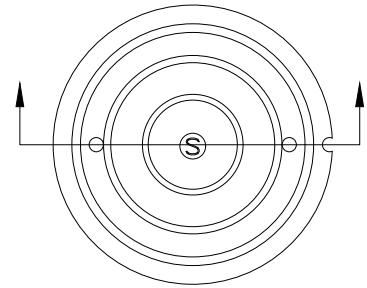
LOCKING



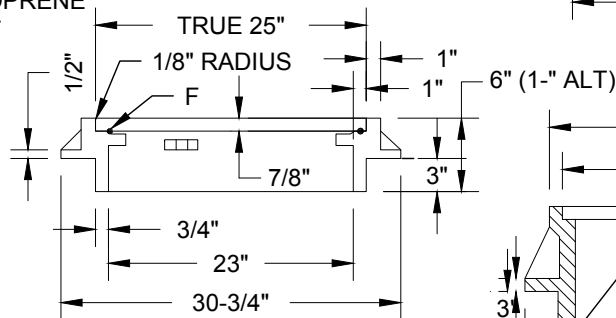
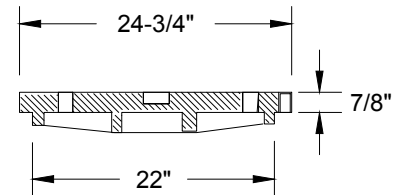
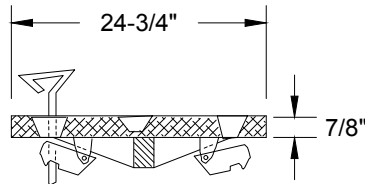
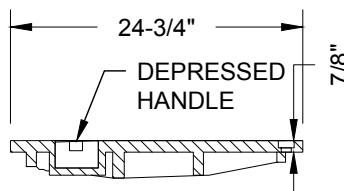
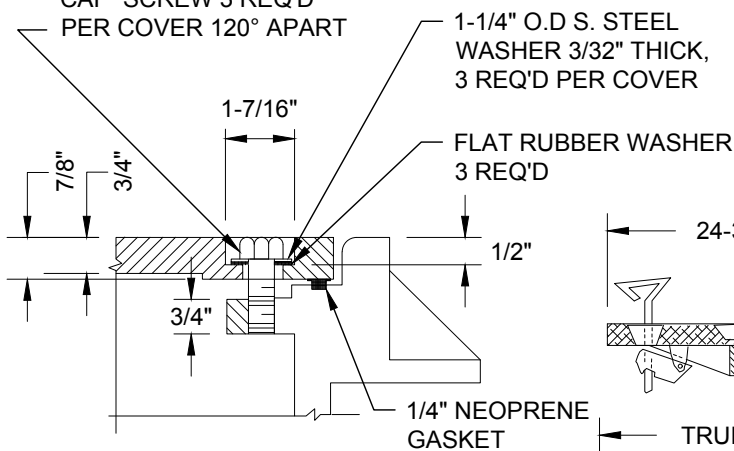
3/4" Ø HOLES
TAPERED

ALL GROOVES
1/8" WIDE X
1/8" DEEP AND
3/4" O.C.
INSIDE
21-3/4" Ø 1/8"
GROOVE

STANDARD

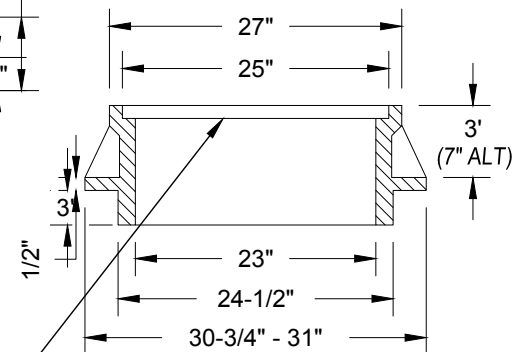


2 HOLE COVER, SANITARY
SEWER (16 HOLE STORM
SEWER ONLY)
MANUFACTURED BY:
OLYMPIC FOUNDRY,
SEATTLE OR INLAND
FOUNDRY, SPOKANE



WATERTIGHT FRAME

INSTALL
MANPAN OR
APPROVED
EQUAL



STANDARD FRAME

NOTES:

- COVER & FRAME TO BE MACHINED TO A TRUE BEARING ALL AROUND. MATERIAL SHALL BE OF GREY CAST IRON, A.S.T.M. A-48, CLASS 30.
- IRON, A.S.T.M. A-48, CLASS 30.



STANDARD MANHOLE FRAMES & COVER

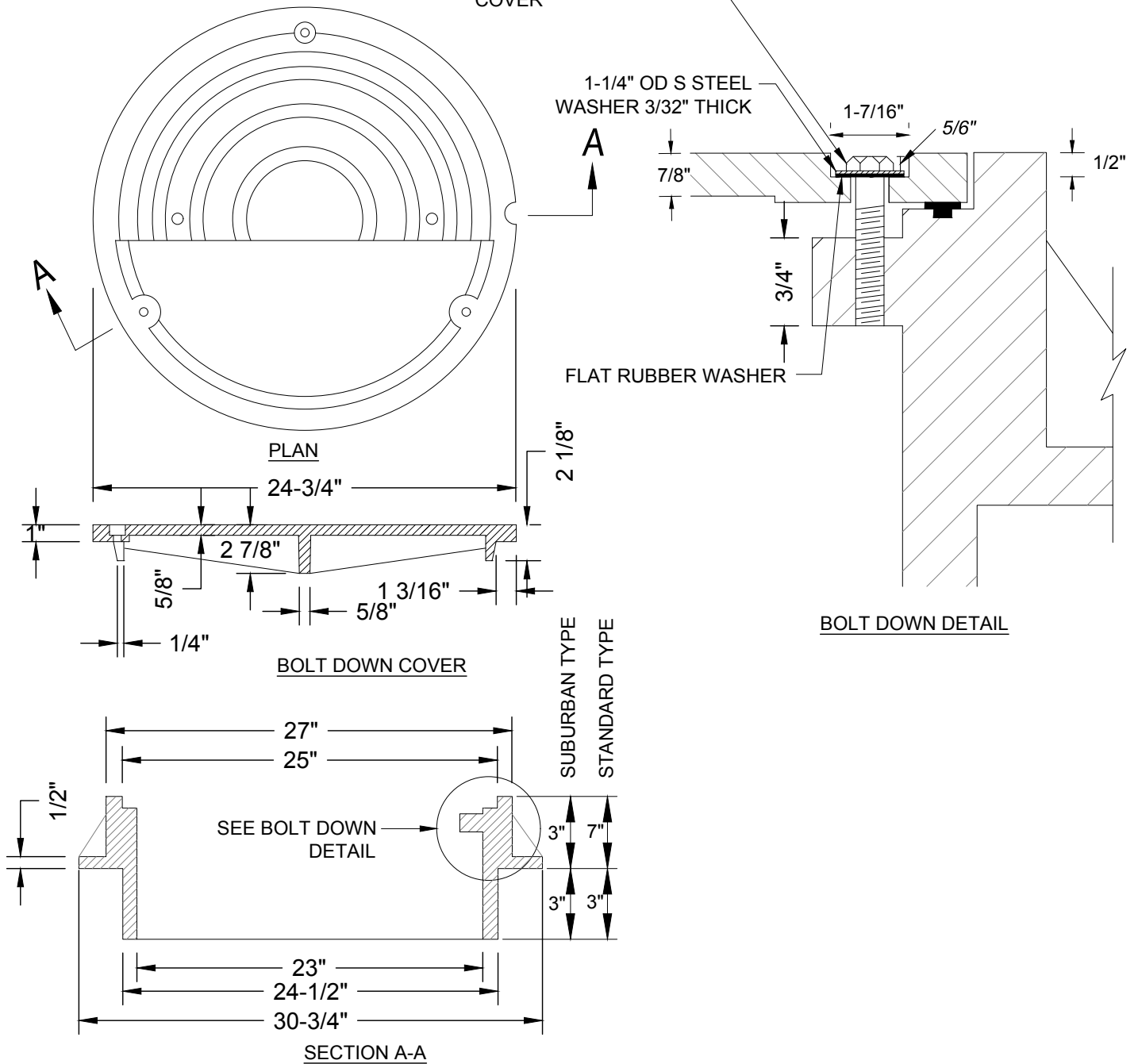
DRAWING NO. **G10**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

67

1/2"-13 NC X 1-1/8"
HEX HEAD STAINLESS STEEL
CAP SCREW. 3 REQUIRED PER
COVER



NOTES:

1. USE TAMPER-PROOF COVER IN UNIMPROVED AREAS ONLY.
2. COVER MATERIAL TO BE DUCTILE IRON ASTM A536 GRADE 80-55-06
3. FRAME MATERIAL TO BE GRAY CAST IRON ASTM A-48 CLASS 30.
4. COVER AND FRAME TO BE MACHINED TO A TRUE BEARING ALL AROUND.
5. NOTCH LID FOR LIFTING HOOK.

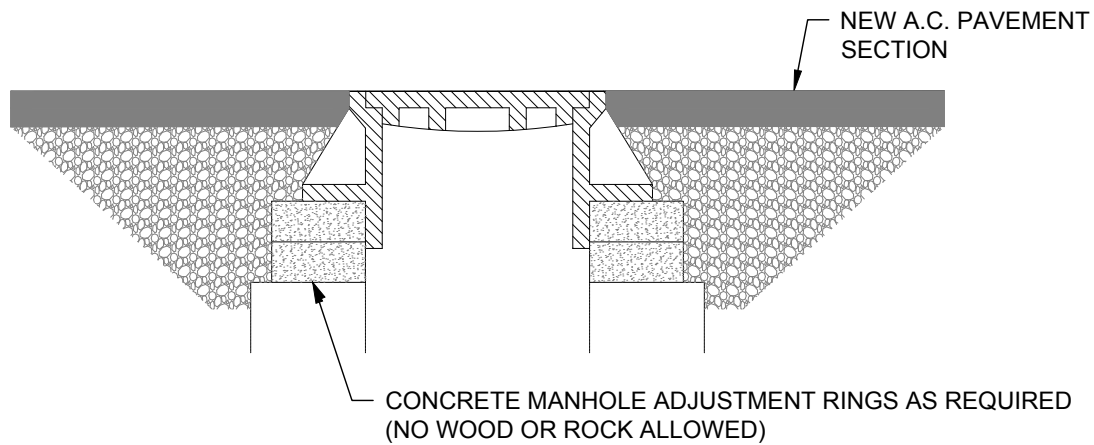


TAMPERPROOF MANHOLE FRAME & COVER

DRAWING NO. **G11**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. ALL MANHOLES AND STRUCTURES SHALL BE RAISED TO FINISH GRADE DURING FINISH PAVING OPERATIONS.
2. RAISE MANHOLE FRAME AND COVER USING CONCRETE RINGS AND MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
3. STEEL SHIMS, CONCRETE BRICK, AND/OR CONCRETE DOBIES PERMITTED FOR MINOR ADJUSTMENTS TO MATCH ROADWAY SLOPES WITH APPROVAL FROM THE CITY OF STEVENSON. WOOD SHALL NOT BE USED FOR GRADE ADJUSTMENTS.
4. ALL JOINTS AND ADJUSTMENTS SHALL BE GROUTED SMOOTH WITH NON-SHRINK GROUT.
5. SEE WSDOT STANDARD SPECIFICATIONS 7-05 FOR ADDITIONAL REQUIREMENTS.

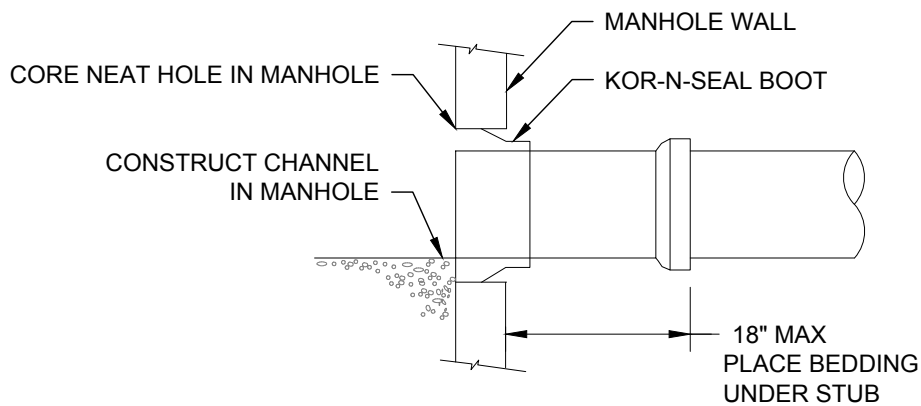


MANHOLE ADJUSTMENT DETAIL

DRAWING NO. **G12**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

THREE TYPES OF CONNECTIONS APPROVED:

1. EXPANSION TYPE RUBBER BOOT: KOR-N-SEAL
 2. CONCRETE PIPE, GROUTED WITH NON-SHRINK GROUT, IF APPROVED BY CITY.
 3. GPK PVC EPOXY-SAND COATED MANHOLE ADAPTER, GROUTED WITH NON-SHRINK GROUT, ONLY IF APPROVED BY CITY.
1. CENTER STUB OR SLEEVE IN HOLE W/2" GROUTED SPACE ALL AROUND. CORE HOLE 4" LARGER THAN O.D. OF STUB OR SLEEVE.
 2. STANDARD GROUT WILL NOT BE ACCEPTED AS A SUBSTITUTE FOR NON-SHRINK GROUT. NON-SHRINK GROUT SHALL BE FIVE STAR, SIKA 212, EUCO N-5 OR AS APPROVED.
 3. STUB-OUTS INSTALLED FOR FUTURE EXTENSION ARE TO BE PLUGGED AT BOTH ENDS.



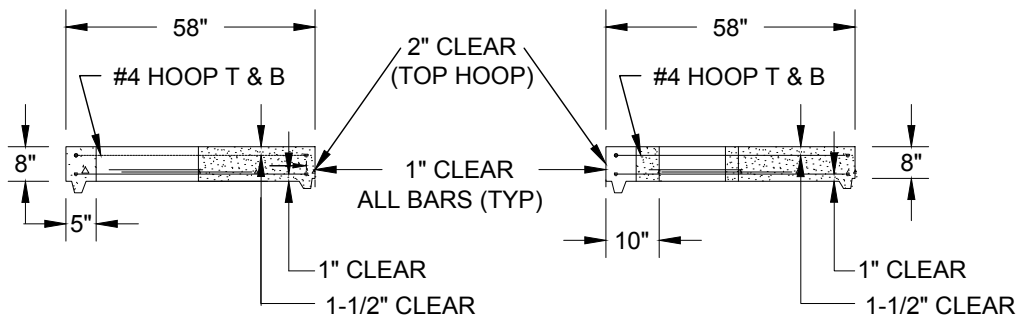
MANHOLE CONNECTION

DRAWING NO. **G13**

DATE **AUG '25** SCALE **NTS**

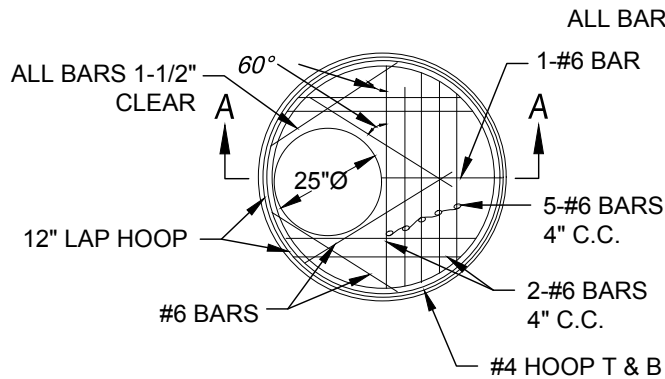
APPROVED BY **CR**

70

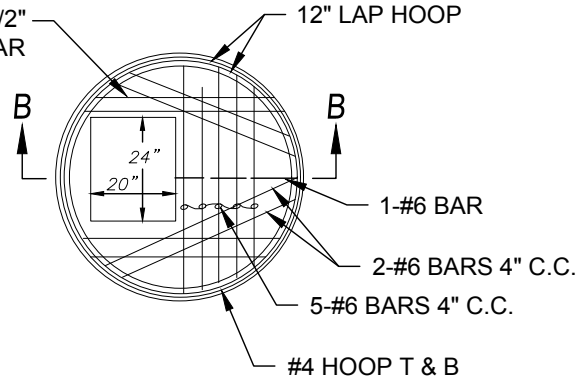


SECTION A-A

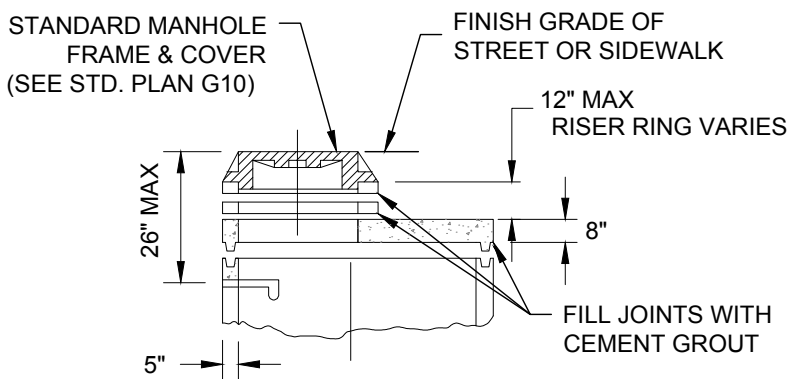
SECTION B-B



UNIT "MH"



UNIT "CB"



FLAT SLAB ALTERNATE

NOTES:

1. CONSTRUCTION SHALL CONFORM TO STANDARD PRECAST MANHOLE DETAIL IF NOT OTHERWISE SHOWN.
2. ALL PRECAST SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. & 2" TO 4" SLUMP.
3. ALL REINFORCING SHALL BE GRADE 40 STEEL.
4. MANHOLES UNDER 6'-0" IN DEPTH FROM RIM TO SHELF SHALL HAVE UNIT "MH" TOP SLAB IN LIEU OF CONE AS SHOWN ON STANDARD PRECAST MANHOLE DETAIL. UNIT "CB" TOP SLAB SHALL BE USED WHERE "TYPE 2" CATCH BASIN IS SPECIFIED. STANDARD RISER UNITS AND FRAME AND GRATE FOR CATCH BASIN SHALL BE USED IN CONJUNCTION WITH TYPE "CB" TOP SLAB.

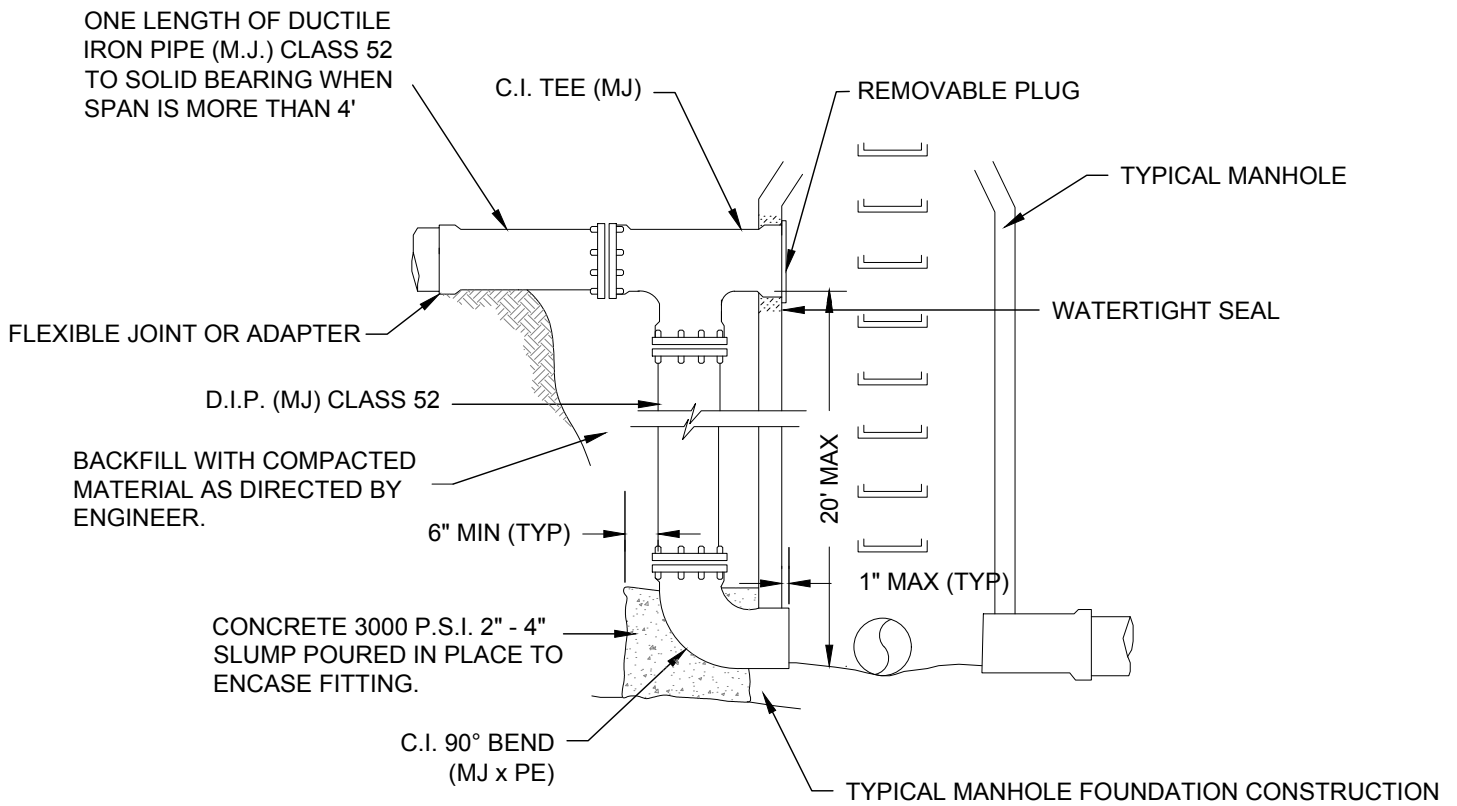
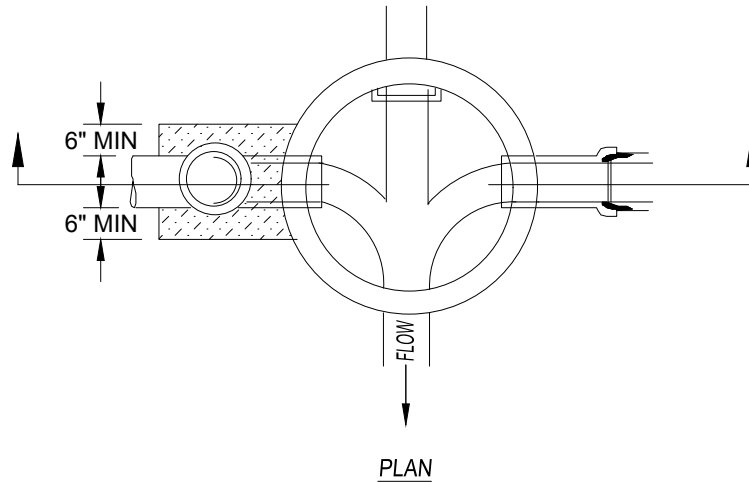


TOP SLAB STANDARD PRECAST MANHOLE

DRAWING NO. **G14**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

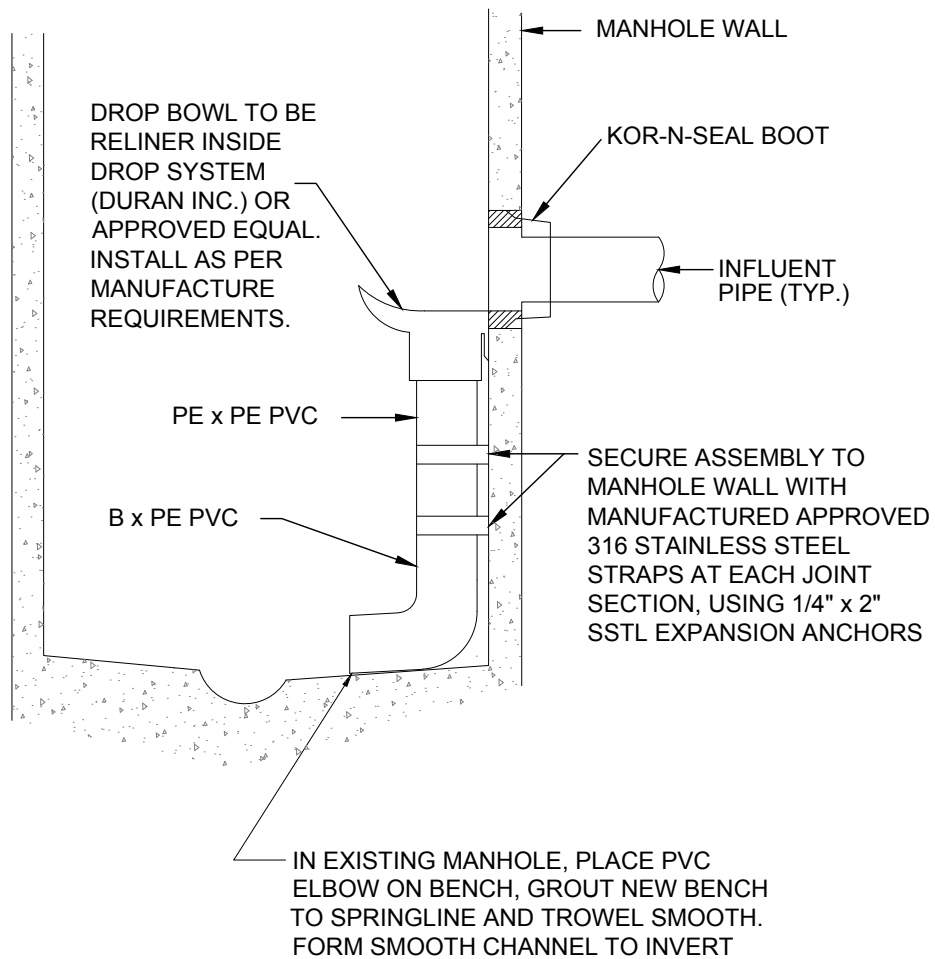


OUTSIDE DROP CONNECTION

DRAWING NO. **G15**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTE:

1. INSIDE DROP ASSEMBLY MAY BE USED FOR RESIDENTIAL CONNECTION ONLY, AND WHEN SPECIFICALLY APPROVED BY CITY ENGINEER. MAXIMUM ONE ASSEMBLY PER 48" MANHOLE.



INSIDE DROP CONNECTION

DRAWING NO. **G16**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

STREET NOTES

1. WHEN MATCHING EXISTING PAVEMENT, SAWCUT TO FIRM PAVEMENT. MINIMUM SAWCUT IS 1' FROM EXISTING EDGE OF PAVEMENT.
2. ALL RADII SHALL INDICATE FACE OF CURB OR EDGE OF PAVEMENT, AS APPLICABLE.
3. ALL STRUCTURES EXCEPT FOR STORMWATER INLETS SHALL BE RAISED 1/4" ABOVE FINISHED GRADE PRIOR TO PLACING THE FINAL LIFT OF PAVEMENT. STORMWATER INLETS SHALL BE ADJUSTED TO 1/4" BELOW FINISH GRADE.
4. THE CONTRACTOR SHALL VERIFY CENTERLINE AND TOP OF CURB ELEVATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
5. THE CONTRACTOR SHALL PROVIDE ALL CONCRETE TESTING FOR SIDEWALKS AND CURBS, AS WELL AS ALL COMPACTION TESTING FOR SUBGRADE, CRUSHED SURFACING, AND ASPHALT THROUGH AN INDEPENDENT LAB PRE-APPROVED BY THE CITY OF STEVENSON.
6. SEE CITY OF STEVENSON STANDARD DETAIL G01C FOR TESTING REQUIREMENTS.
7. ASPHALT CONCRETE PAVEMENT SHALL BE HMA CLASS 1/2", PG 58V-22 PER THE STANDARD SPECIFICATIONS.
8. SURVEY MONUMENTS SHALL BE PLACED AT ALL CENTERLINE INTERSECTIONS. SEE WSDOT STANDARD DRAWINGS FOR SURVEY MONUMENT CASE AND COVER CONSTRUCTION.
9. PAVEMENT MARKINGS MATERIALS SHALL CONFORM TO THE STANDARD SPECIFICATIONS.
10. STREET INSPECTION PROCESSES: THE FOLLOWING ITEMS OF WORK SHALL BE INSPECTED BY CITY FORCES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING CITY INSPECTIONS 48 HOURS PRIOR.
 - A. SUBGRADE PRIOR TO PLACEMENT OF CRUSHED SURFACING.
 - B. CRUSHED SURFACING PRIOR TO PLACEMENT OF PAVING, CURBS, AND SIDEWALKS.
 - C. PAVING, CURBS, AND SIDEWALKS.
 - D. COMPACTION OF BEDDING AND BACKFILL OF UTILITY TRENCHES
 - E. COMPACTION OF FILLS WITHIN PUBLIC RIGHT-OF-WAY AND SLOPE EASEMENTS

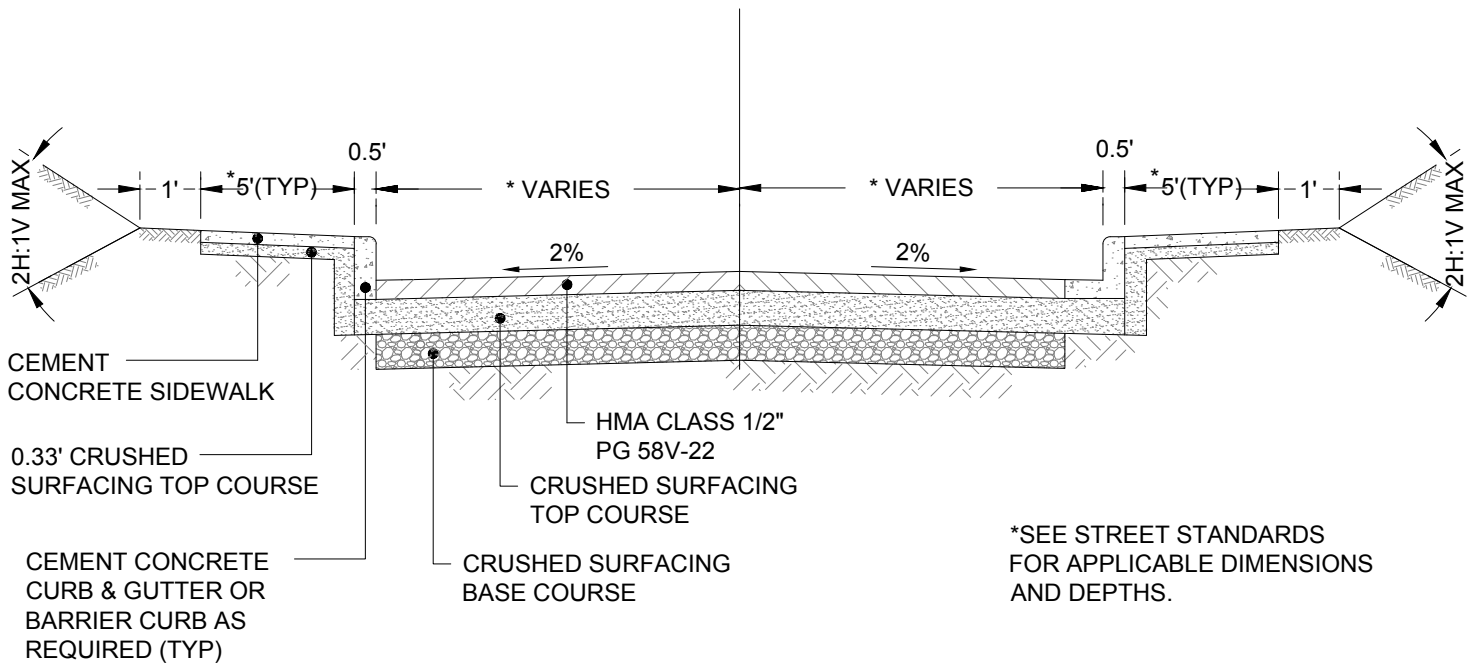


STANDARD STREET NOTES

DRAWING NO. **S01**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



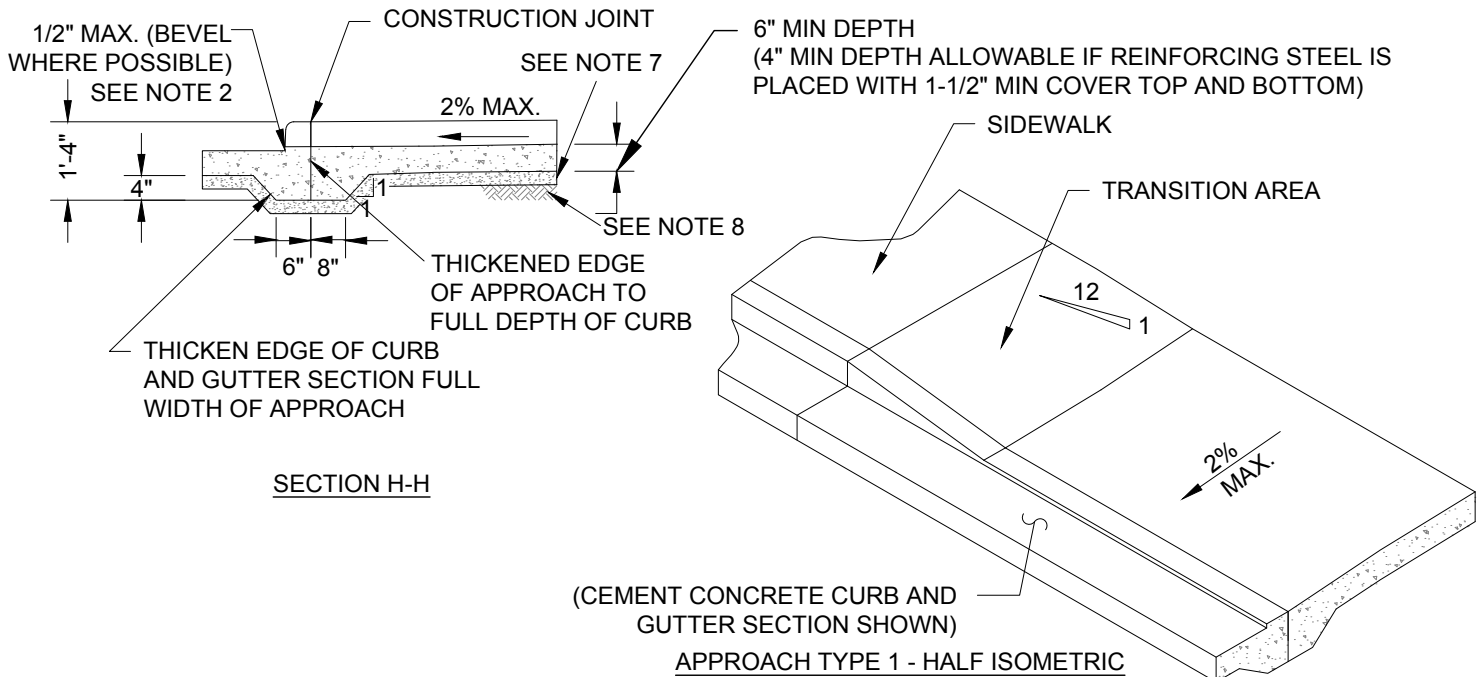
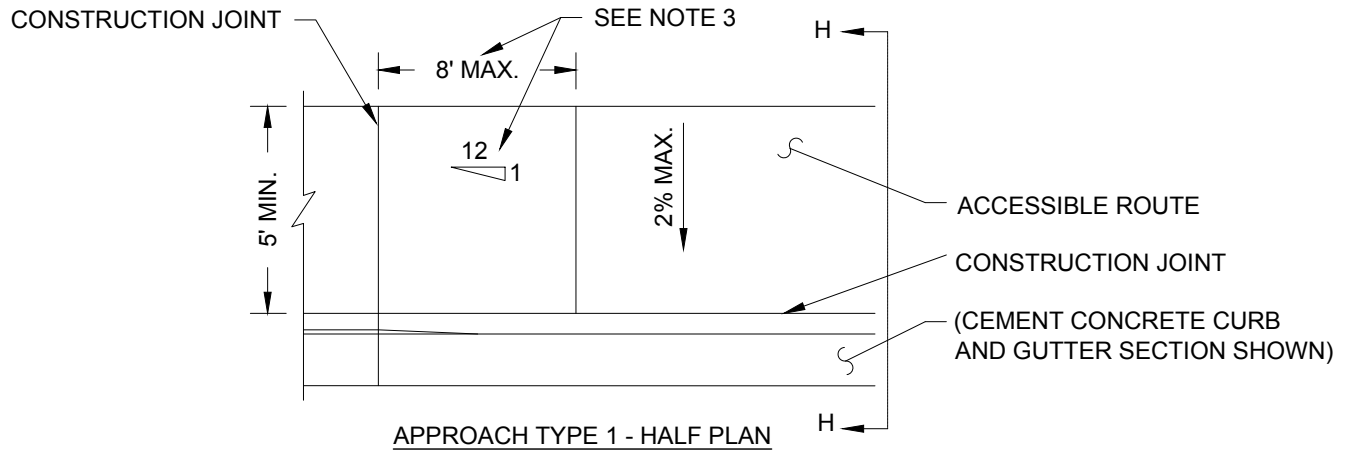
ROADWAY CROSS-SECTION

DRAWING NO. **S02**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. A MINIMUM 4' WIDE ACCESSIBLE ROUTE SHALL BE MAINTAINED IN ALL PEDESTRIAN ACCESSIBLE AREAS.
2. CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 2:1.
3. TRANSITION AREA TO BE SLOPED AT 1v TO 12h, UNLESS STREET GRADE WOULD CREATE A TRANSITION LENGTH GREATER THAN 8', THEN THE MAXIMUM LENGTH OF 8' GOVERNS SLOPE.
4. CEMENT CONCRETE APPROACHES SHALL BE CONSTRUCTED OF AIR-ENTRAINED CONCRETE CLASS 3000 AND MAY BE POURED INTEGRAL WITH CURB.
5. EXISTING CURB, GUTTER AND SIDEWALK TO BE

SAWCUT AND REMOVED FOR INSTALLATION OF APPROACH.

6. COMMERCIAL DRIVEWAY REQUIRES REINFORCING STEEL (6"x6"x10 GA MESH) WITH A MIN OF 3" OF COVER AND 8" MIN THICKNESS OF CONCRETE.
7. 3" DEPTH CRUSHED SURFACING TOP COURSE COMPACTED TO 95% OF MAX DRY DENSITY.
8. SUBGRADE PREPARED PER WSDOT STANDARD SPECIFICATION 2-06.3(1).
9. DRIVEWAY WIDTHS:

RESIDENTIAL	COMMERCIAL
ONE WAY = 10' MAX. TWO WAY = 20' MAX. SHARED = 20' MIN / 30' MAX	ONE WAY = 22' MAX. TWO WAY = 26' MAX.

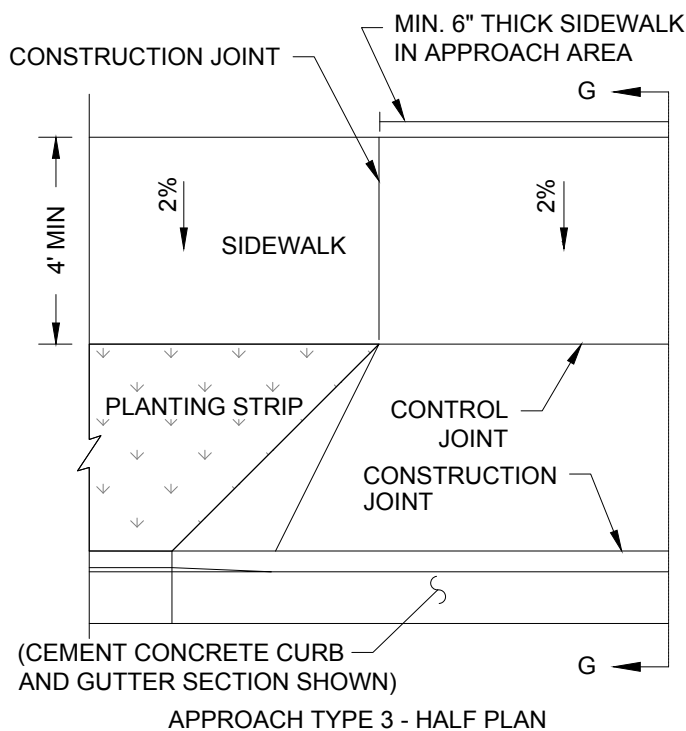


DRIVEWAY APPROACH TYPE 1

DRAWING NO. **S03**

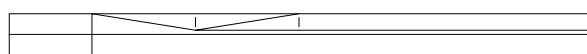
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



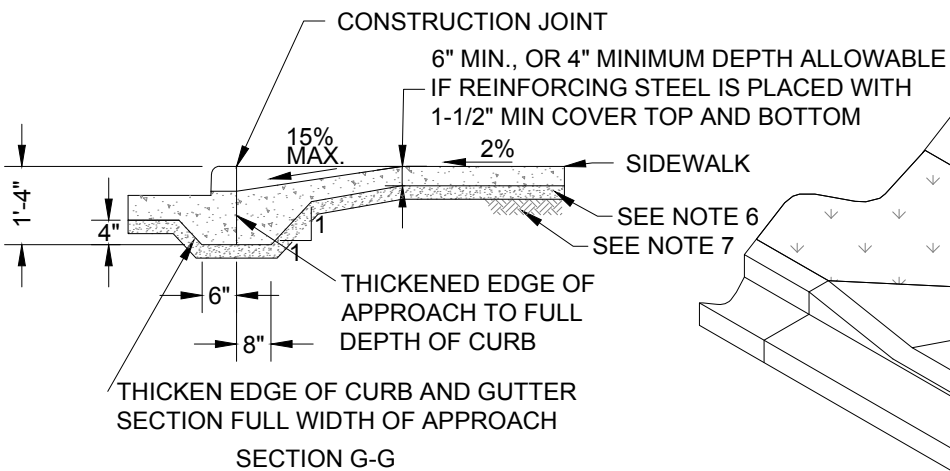
APPROACH TYPE 3 - HALF PLAN

2'-6" MIN 2'-6" MIN



OPTIONAL APPROACH - HALF ELEVATION

NOTE: USE TYPE 1 APPROACH ONLY WHEN A SIDEWALK IS USED AT THE BACK OF THE APPROACH.



SECTION G-G

CEMENT CONCRETE CURB AND GUTTER SECTION SHOWN (SEE STANDARD PLANS FOR OTHER CURB DESIGNS)

APPROACH TYPE 3 - HALF ISOMETRIC

NOTES:

1. A MINIMUM 4' WIDE ACCESSIBLE ROUTE SHALL BE MAINTAINED IN ALL PEDESTRIAN ACCESSIBLE AREAS.
2. CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT.
3. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 2:1. CEMENT CONCRETE APPROACHES SHALL BE CONSTRUCTED OF AIR-ENTRAINED CLASS 3000 AND MAY BE POURED INTEGRAL WITH CURB.
4. EXISTING CURB, GUTTER, AND SIDEWALK TO BE SAWCUT AND REMOVED FOR INSTALLATION OF APPROACH.
5. COMMERCIAL DRIVEWAY REQUIRES REINFORCING STEEL (6"x6"x10 GA MESH) WITH A MIN OF 3" OF COVER AND 8" MIN THICKNESS OF CONCRETE.
6. 3" DEPTH 3/4"-0 CRUSHED SURFACING TOP COURSE COMPACTED TO 95% OF MAX. DRY DENSITY.
7. SUBGRADE PREPARATION PER WSDOT STANDARD SPECIFICATION 2-06.3(1).
8. DRIVEWAY WIDTHS:

RESIDENTIAL	COMMERCIAL
ONE WAY = 10' MAX. TWO WAY = 20' MAX. SHARED = 20' MIN / 30' MAX	ONE WAY = 22' MAX. TWO WAY = 26' MAX.

1/2" MAX
(BEVEL WHERE POSSIBLE)
SEE NOTE 2

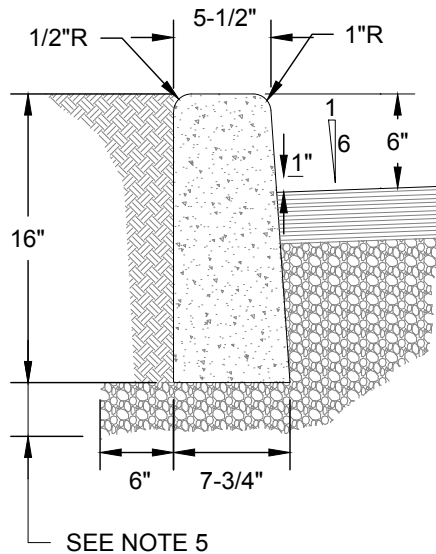


DRIVEWAY APPROACH TYPE 3

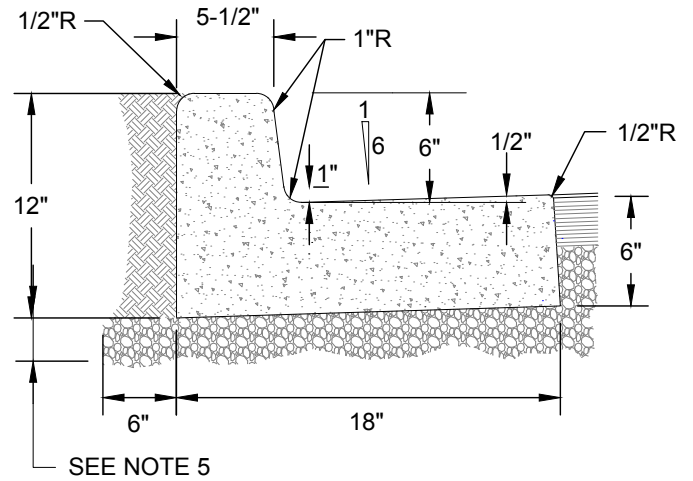
DRAWING NO. **S04**

DATE **AUG '25** SCALE **NTS**

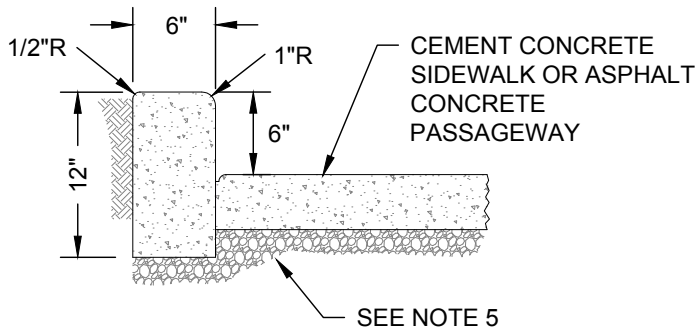
APPROVED BY **CR**



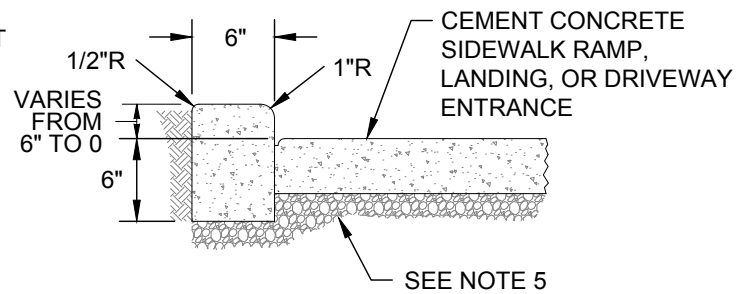
CEMENT CONCRETE
BARRIER CURB



CEMENT CONCRETE BARRIER
CURB AND GUTTER



CEMENT CONCRETE
PEDESTRIAN CURB



CEMENT CONCRETE
PEDESTRIAN CURB
AT SIDEWALK RAMPS & LANDINGS,
AND DRIVEWAY ENTRANCES

NOTES:

1. CONCRETE SHALL BE 3000 PSI MIN COMMERCIAL CONCRETE.
2. CONTROL JOINT SPACING NOT TO EXCEED 15 FEET. THE DEPTH OF THE JOINT SHALL BE AT LEAST 1-1/2 INCHES. CONTROL JOINTS IN CURB SHALL MATCH PATTERNS IN ADJACENT SIDEWALK.
3. CRUSHED SURFACING SHALL BE TO SUBGRADE OF STREET SECTION OR 3 INCHES, WHICHEVER IS GREATER, AND SHALL EXTEND 6" BEHIND THE CURB.
4. CURB TO BE BRUSH FINISHED. ALL EXISTING EDGES SHALL BE SAWCUT.
5. 3" DEPTH CRUSHED SURFACING TOP COURSE COMPACTED TO 95% OF MAX DRY DENSITY.



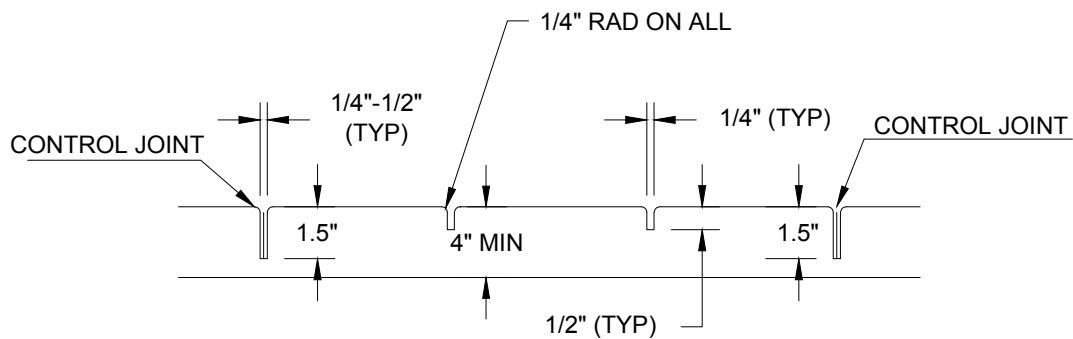
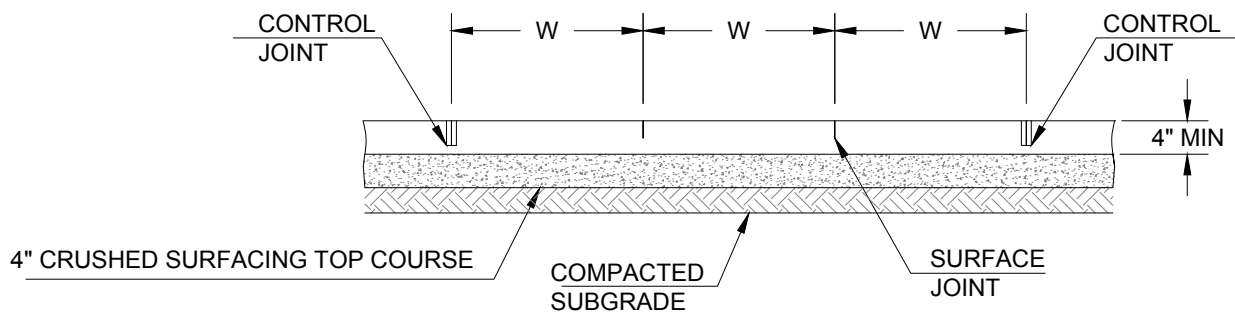
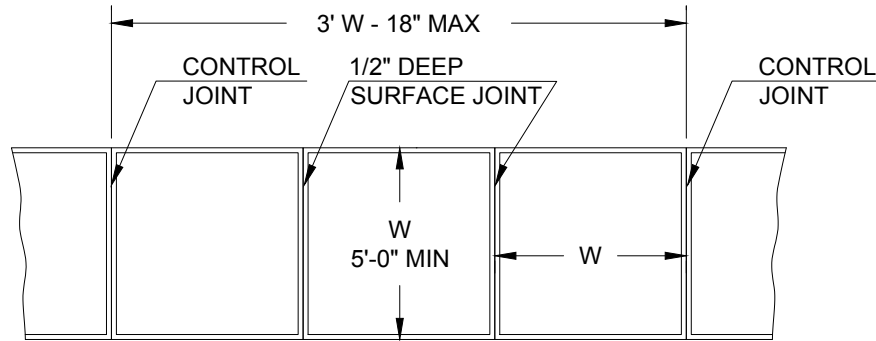
CONCRETE CURBS

DRAWING NO. **S05**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

JOINT SPACING:
 SURFACE JOINTS - 5'
 CONTROL JOINTS - 15'
 EXPANSION JOINTS -
 AS REQUIRED BY THE
 INSPECTOR



NOTES:

1. CONCRETE SHALL BE 3,000 PSI MIN COMMERCIAL CONCRETE.
2. FINISH SHALL BE MEDIUM BROOM PERPENDICULAR TO PEDESTRIAN TRAFFIC UNLESS OTHERWISE DIRECTED.
3. ALL EXISTING EDGES SHALL BE SAWCUT.
4. ALL JOINTS AND EDGES SHALL BE FINISHED WITH 1/4" RADIUS EDGER (3" SMOOTH EACH SIDE).



STANDARD SIDEWALK

DRAWING NO. **S06**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

NOTES:

1. FOR SIDEWALK AND RAMP DETAILS USE WASHINGTON DEPARTMENT OF TRANSPORTATION'S (WSDOT) STANDARD F SERIES DRAWINGS. SEE INDEX BELOW:

CURB RAMP INDEX

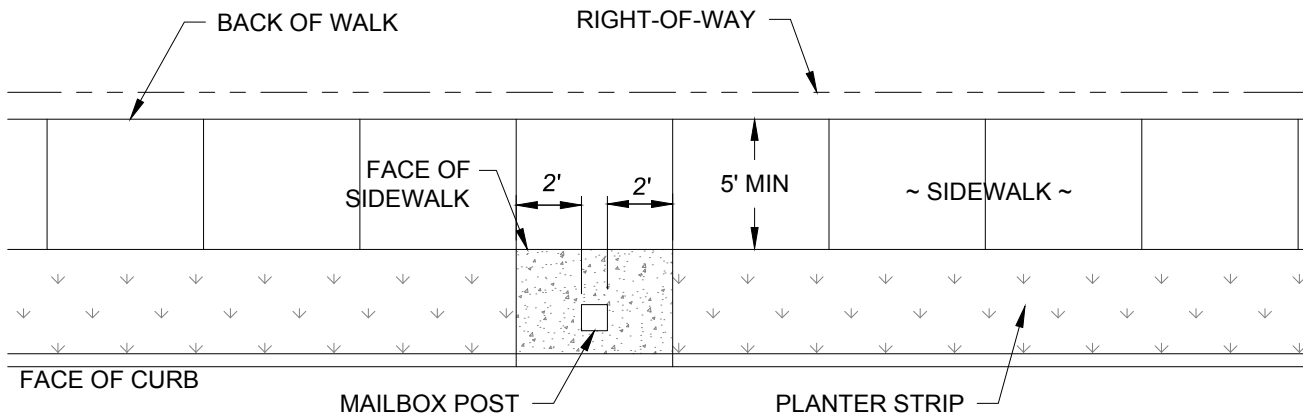
STD. DWG. NO	STD. DWG. TITLE
F-40.12-03	Parallel Curb Ramp
F-40.14-03	Combination Curb Ramp
F-40.15-04	Perpendicular Curb Ramp
F-40.16-03	Single Direction Curb Ramp
F-45.10-05	Detectable Warning Surface

2. THESE DRAWINGS CAN BE FOUND ON WSDOT'S WEBSITE:
<https://wsdot.wa.gov/engineering-standards/all-manuals-and-standards/standard-plans>.
3. MAX 1.5% DESIGN LANDING SLOPE (MAX. 2.0% FINISHED SLOPE).
4. MAX. 7.5% DESIGN RAMP SLOPE (MAX. 8.33% FINISHED SLOPE).
5. TRUNCATED DOME PANELS SHALL BE NO SMALLER THAN 2' X 1'.

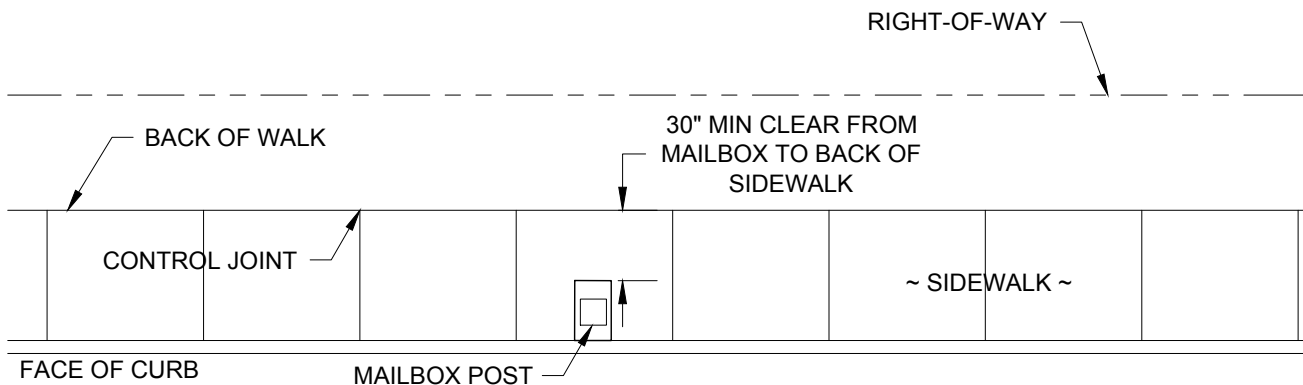


CURB RAMP INFO SHEET

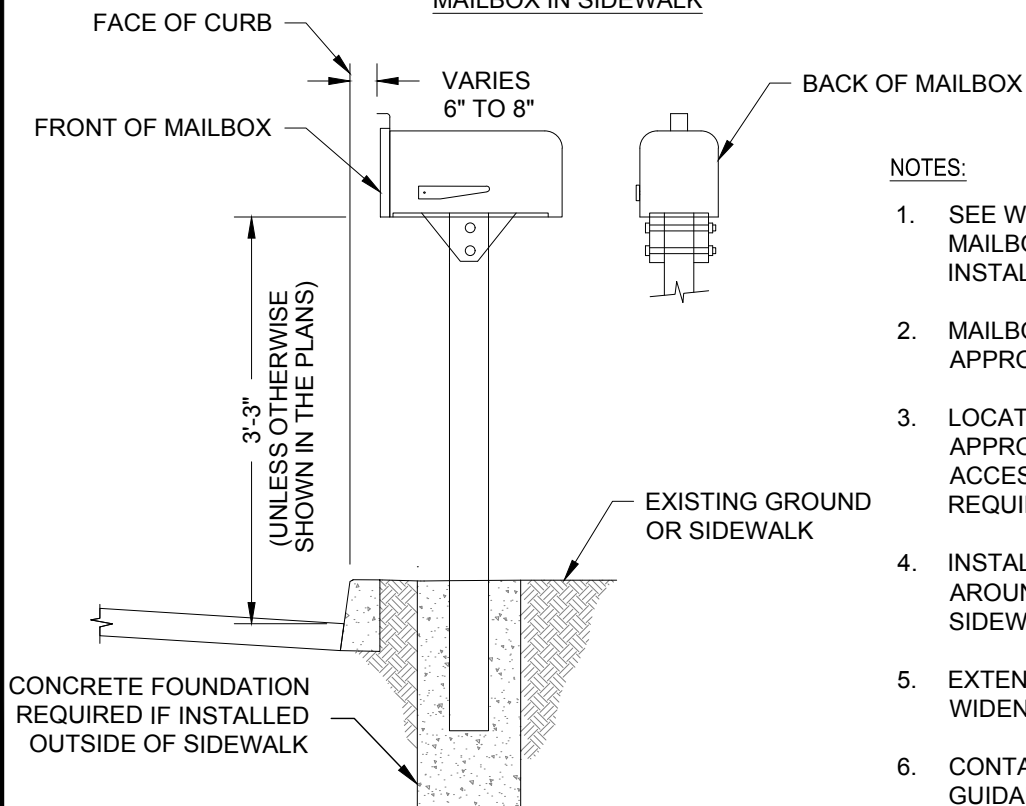
DRAWING NO. S07	
DATE AUG '25	SCALE NTS
APPROVED BY CR	



MAILBOX IN PLANTER STRIP



MAILBOX IN SIDEWALK



NOTES:

1. SEE WSDOT STANDARD DETAIL H-12 FOR MAILBOX, POST, BRACKET AND OTHER INSTALLATION DETAILS.
2. MAILBOXES MUST BE POSTMASTER APPROVED.
3. LOCATION OF MAILBOXES ARE SUBJECT TO APPROVAL BY THE CITY ENGINEER FOR ACCESS AND SIGHT DISTANCE REQUIREMENTS.
4. INSTALL EXPANSION JOINT MATERIAL AROUND MAILBOX POST WHEN SET IN SIDEWALK.
5. EXTEND SIDEWALK JOINTS THROUGH WIDENED SIDEWALK SECTION.
6. CONTACT POSTMASTER FOR PLACEMENT GUIDANCE IF THERE IS NO CURB PRESENT.

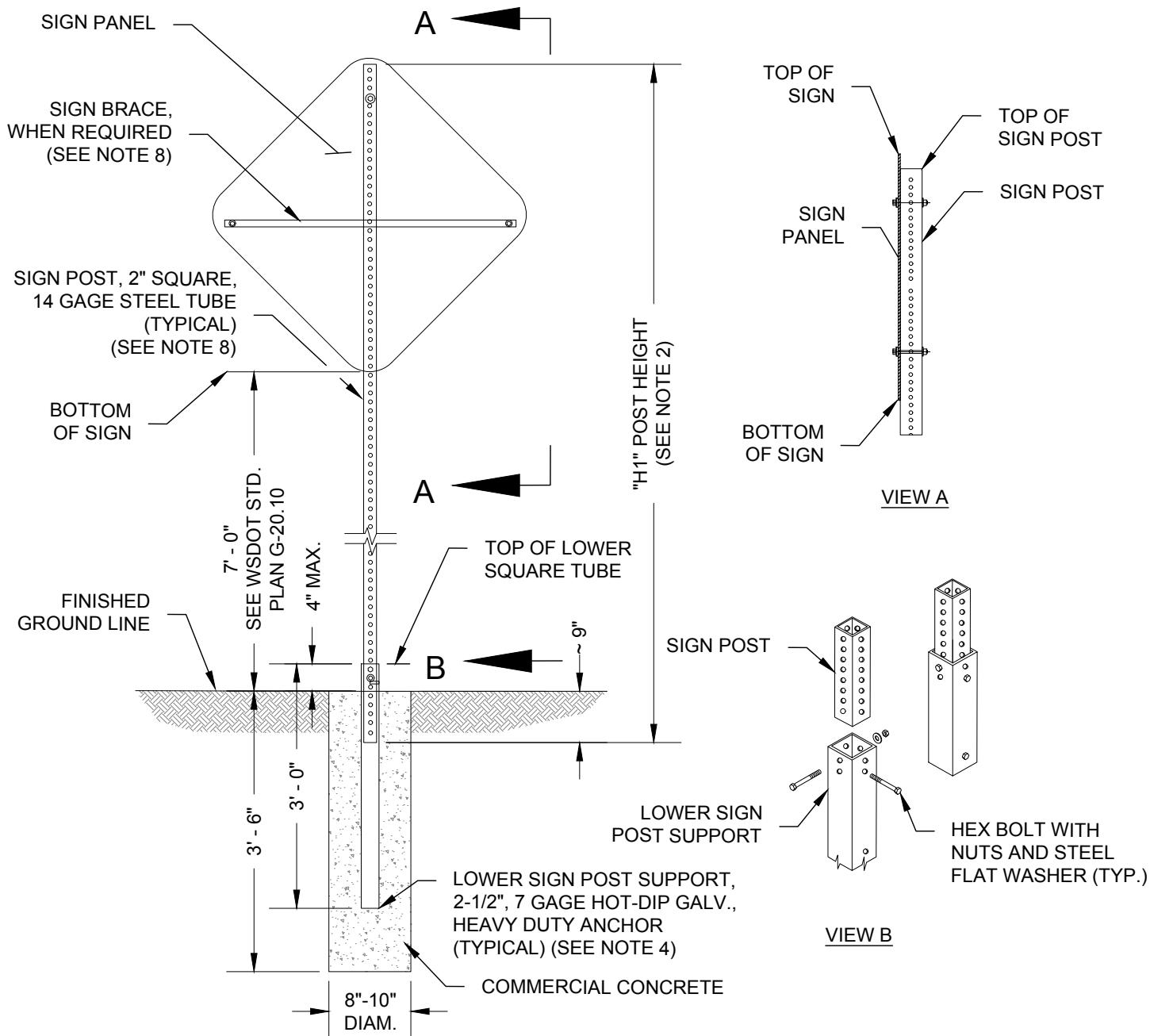


MAILBOX PLACEMENT

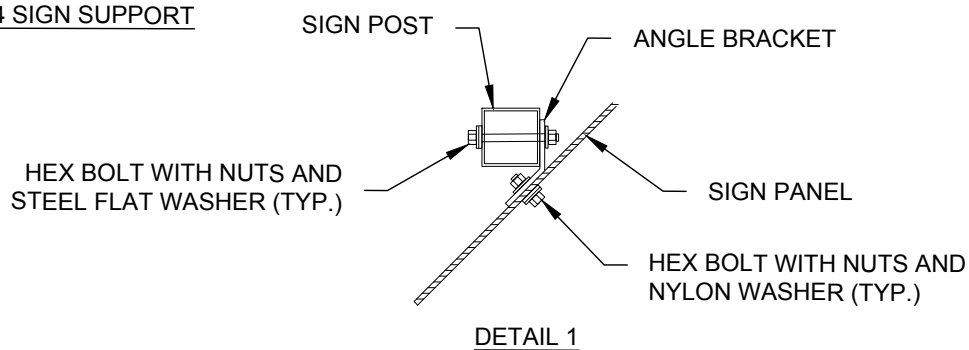
DRAWING NO. **S08**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



TYPE ST-4 SIGN SUPPORT



SIGN SUPPORT

DRAWING NO. **S09**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

1. DIMENSIONS FOR THE PARTS USED TO ASSEMBLE THE BASE CONNECTIONS ARE INTENTIONALLY NOT SHOWN. BASE CONNECTIONS ARE PATENTED, MANUFACTURED PRODUCTS THAT ARE IN COMPLIANCE WITH NCHRP 350 CRASH TEST CRITERIA. THE BASE CONNECTION DETAILS ARE ONLY SHOWN ON THIS PLAN TO ILLUSTRATE HOW THE PARTS ARE ASSEMBLED.
2. FOR "H1" REFER TO THE SIGN SPECIFICATION TABLES IN THE CONTRACT.
3. DEPENDING UPON THE SIGN AREA, SIGN POST MAY BE A 2", 12 OR 14 GAGE POST OR 2-1/2", 12 OR 14 GAGE POST. SEE CONTRACT PLAN.
4. 2-1/2", 7 GAGE HEAVY DUTY ANCHOR IS REQUIRED WITH 2" POST. 3", 7 GAGE HEAVY DUTY ANCHOR IS REQUIRED WITH 2-1/2" POST. SEE CONTRACT PLAN.
5. ANGLE BRACKET SHALL BE USED FOR SIGN POST SQUARE TUBE GALVANIZED STEEL TUBE ATTACHMENT AT 45 DEGREES, SHOWN IN DETAIL 1.
6. HEX BOLT WITH NUTS AND NYLON WASHER SHALL BE USED FOR SIGN ATTACHMENT. HEX BOLT WITH NUTS AND STEEL FLAT WASHER SHALL BE USED FOR ANCHOR ATTACHMENT.
7. CONTRACT PLAN MAY ALLOW THE USE OF OTHER TYPES OF STEEL OR TIMBER SIGN SUPPORT SYSTEM, SPECIFIED IN THE WSDOT STANDARD PLAN, DEPENDING UPON THE SPECIFIC CONDITION AND SOIL TYPE, UPON APPROVAL BY THE ENGINEER.
8. SIGN BRACES ARE REQUIRED FOR SIGN WIDTHS OF 48" (IN) OR GREATER. FOR SIGN WIDTHS OF 36" (IN) OR LESS, SIGN BRACES ARE ONLY REQUIRED WITHIN SPECIFIED IN THE CONTRACT. SEE WSDOT STANDARD PLAN G-50.10 FOR FURTHER DETAILS.

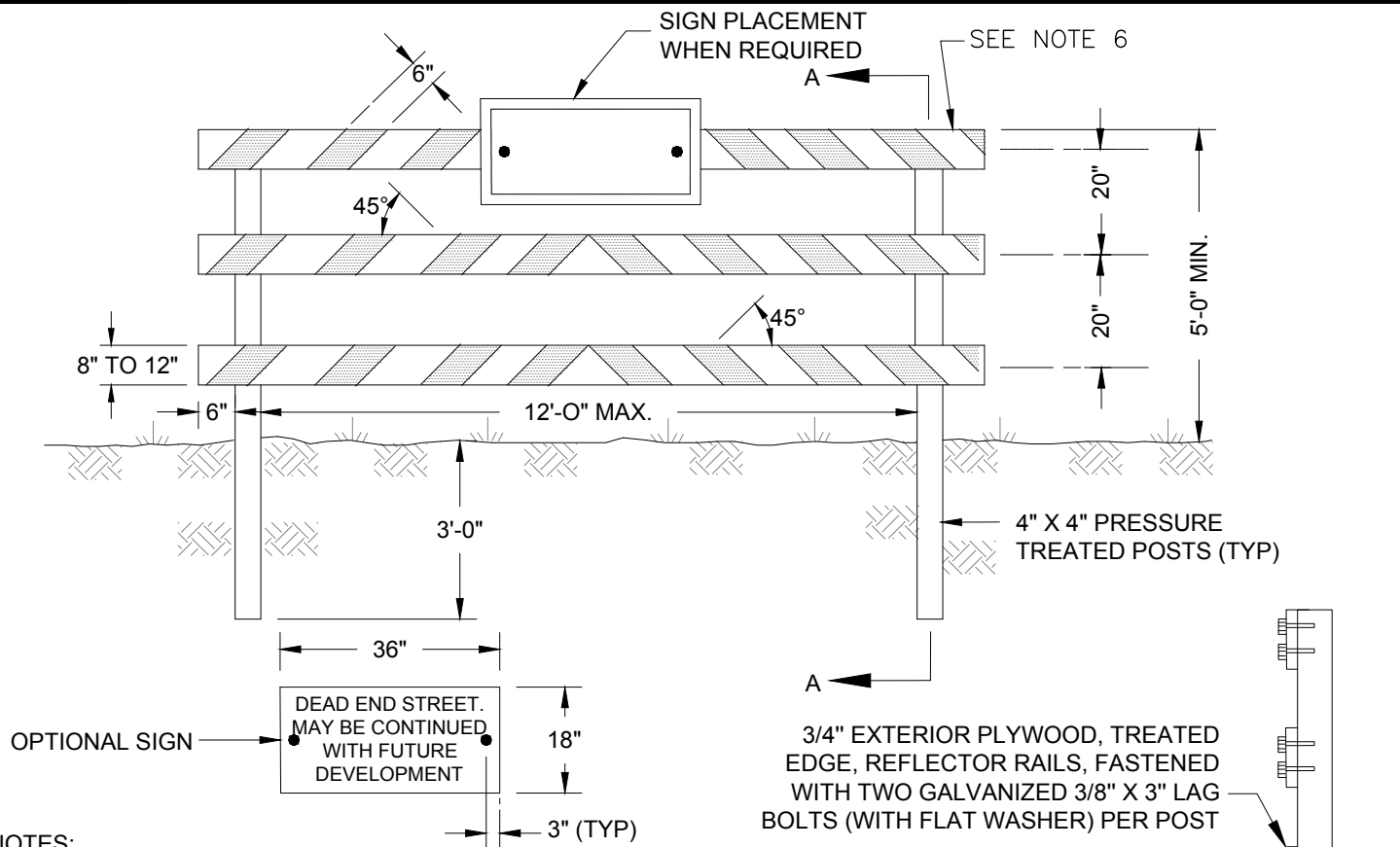


SIGN SUPPORT NOTES

DRAWING NO. **S10**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. BARRICADES SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS MODIFIED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT).
2. MARKINGS FOR BARRICADE RAILS SHALL BE ALTERNATE WHITE AND RED STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES), UTILIZE HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING.
3. THE ENTIRE AREA OF WHITE AND RED STRIPES SHALL BE REFLECTIONIZED SO AS TO BE VISIBLE UNDER NORMAL ATMOSPHERIC CONDITIONS FROM A MINIMUM DISTANCE OF 1,000 FEET WHEN ILLUMINATED BY THE LOW BEAMS OF STANDARD AUTOMOBILE HEADLIGHTS. THE PREDOMINANT COLOR FOR OTHER BARRICADE COMPONENTS SHALL BE WHITE.
4. BARRICADE SECTION SHALL EXTEND ACROSS THE ENTIRE STREET AREA. WHERE BARRICADE EXTENDS ENTIRELY ACROSS A ROADWAY, THE STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION TOWARD WHICH TRAFFIC MUST TURN IN DETOURING. WHERE BOTH RIGHT AND LEFT TURNS ARE ALLOWED, THE CHEVRON STRIPING SHALL SLOPE DOWNWARD IN BOTH DIRECTIONS FROM THE CENTER OF THE BARRICADE. RAILS SHALL BE PLACED BOTH FRONT AND BACK OF BARRICADE IF REQUIRED FOR TWO-WAY TRAFFIC. RAILS SHALL BE THE SAME SIZE. FOR WIDER APPLICATIONS, MULTIPLE SECTIONS, SPACED NO FURTHER THAN 4" SHALL BE USED.
5. RAILS SHALL BE PLACED BOTH ON THE FRONT AND BACK OF THE BARRICADE IF REQUIRED FOR TWO-WAY TRAFFIC. RAILS SHALL BE THE SAME SIZE.
6. LUMBER SHALL BE STANDARD GRADE OR BETTER.
7. IF SIGN IS REQUIRED, FIELD DRILL TWO HOLES TO ACCOMMODATE GALVANIZED 3/8" MACHINE BOLT, WASHER AND NUT. THE SIGN SHALL BE INSTALLED SO THAT THE CENTER RAIL IS NOT COVERED.
8. FOR TEMPORARY BARRIER SEE WSDOT STANDARD PLAN H-2.

SECTION A-A

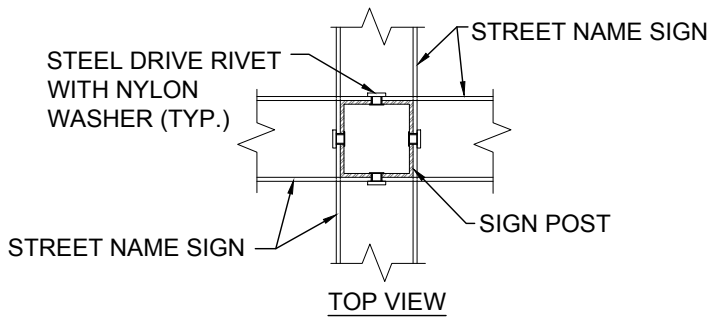


PERMANENT STREET BARICADE TYPE 3

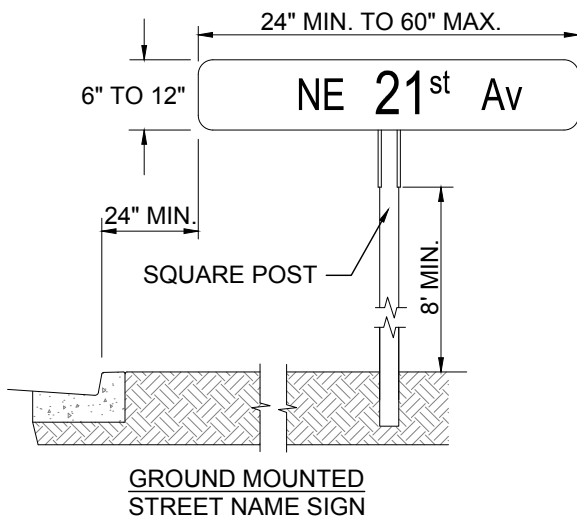
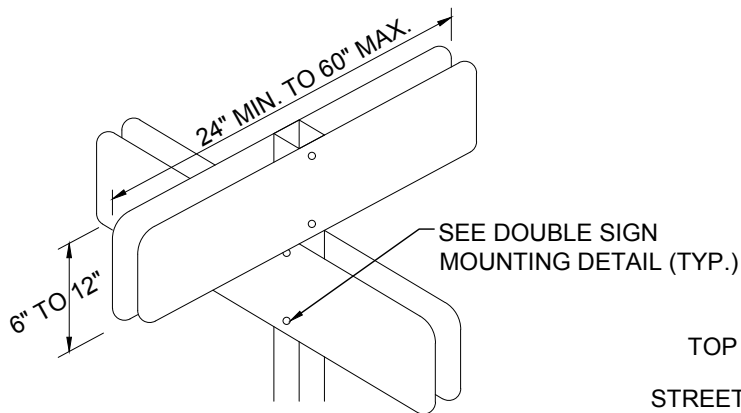
DRAWING NO. **S11**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



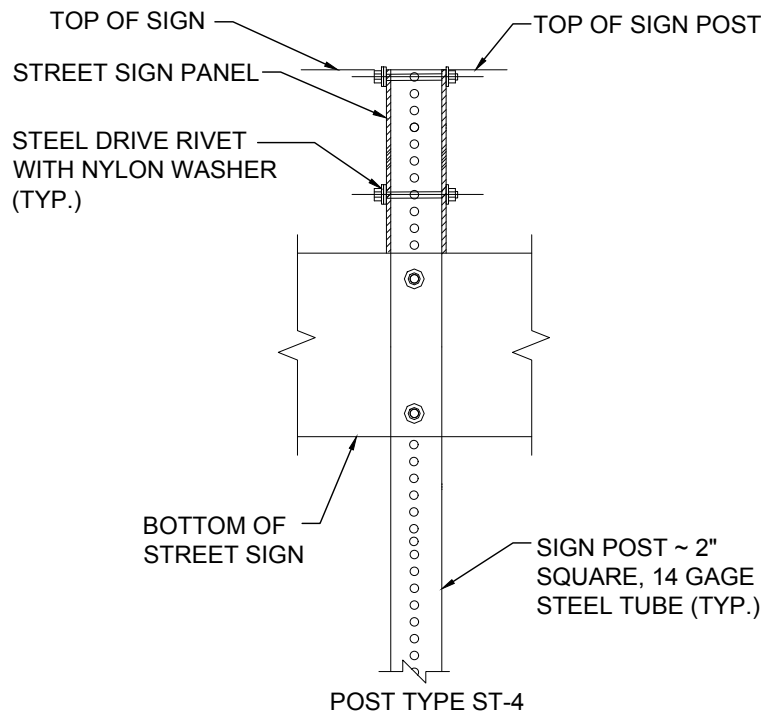
DOUBLE SIDED SIGN MOUNTING DETAIL



GROUND MOUNTED
STREET NAME SIGN

NOTES:

1. BOLT IN LIEU OF STEEL RIVET PERMITTED WITH THE ENGINEER'S APPROVAL. BOLTS WITH NUTS IN LIEU OF RIVETS REQUIRED FOR SIGNS 42 INCHES AND LONGER.
2. CONTRACT PLAN MAY ALLOW THE USE OF OTHER TYPES OF STEEL OR TIMBER SIGN SUPPORT SYSTEM, SPECIFIED IN THE WSDOT STANDARD PLAN, DEPENDING UPON SPECIFIC CONDITION AND SOIL TYPE.
3. SIGN BRACES ARE REQUIRED WHEN STREET NAME SIGNS ARE 42 INCHES OR GREATER IN WIDTH.
4. SEE S13 FOR LETTERING REQUIREMENTS.



STREET NAME SIGN
INSTALLATION DETAIL



STREET NAME SIGNS

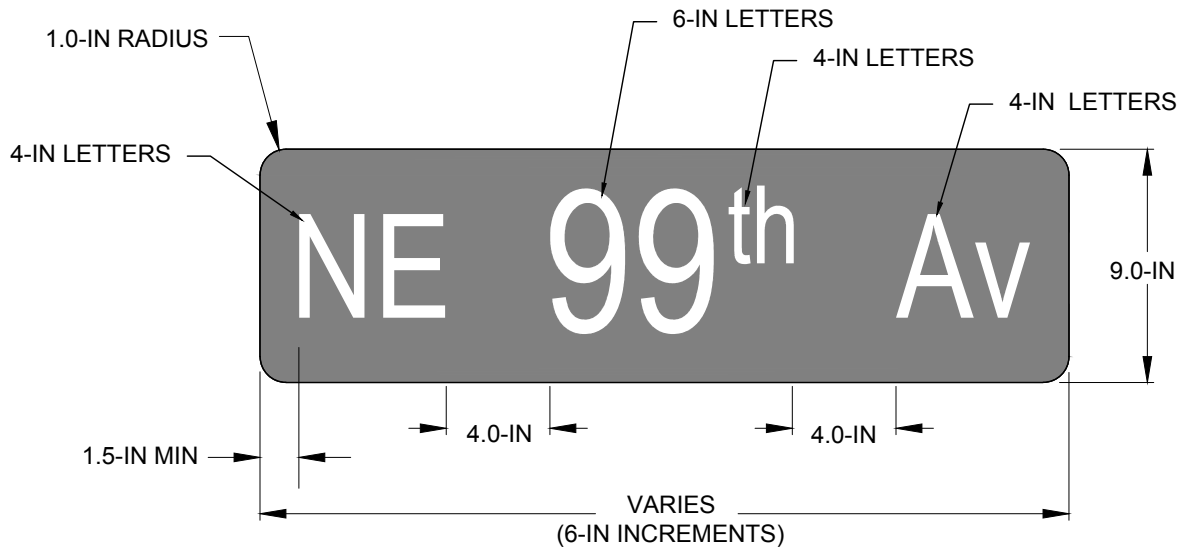
DRAWING NO. **S12**

DATE **AUG '25**

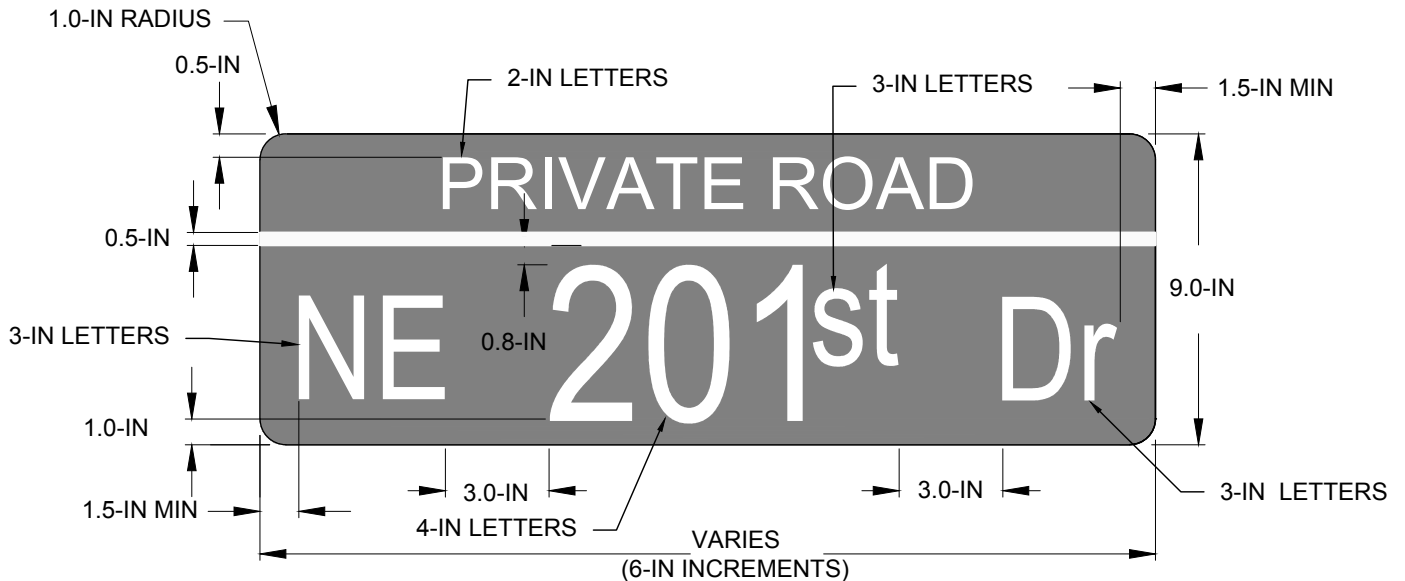
SCALE **NTS**

APPROVED BY **CR**

PUBLIC STREET NAME SIGNS



PRIVATE ROAD NAME SIGNS



NOTES:

- LETTERS AND NUMBERS ARE "C" SERIES LETTERS. THE "B" SERIES FONT MAY BE USED IF THE SIGN BLADE IS GREATER THAN 48 INCHES IN LENGTH.
- ROAD NAME SIGNS SHALL BE WHITE LETTERING ON DOUBLE SIDED BLUE TYPE IV ALUMINUM SHEETING MATERIAL.
- SIGN BLADES SHALL BE IN 6-IN INCREMENTS (18-IN, 24-IN, 30-IN, ETC). 1.5-IN CLEAR FROM LETTERING TO SIDES OF SIGNS SHALL BE MINIMUM, WITH MESSAGE CENTERED ON SIGN BLADE.
- SIGN BLADES UNDER 36-IN IN LENGTH SHALL BE ON 0.080 ALUMINUM. 36-IN OR LONGER BLADES SHALL BE ON 0.125-IN ALUMINUM.

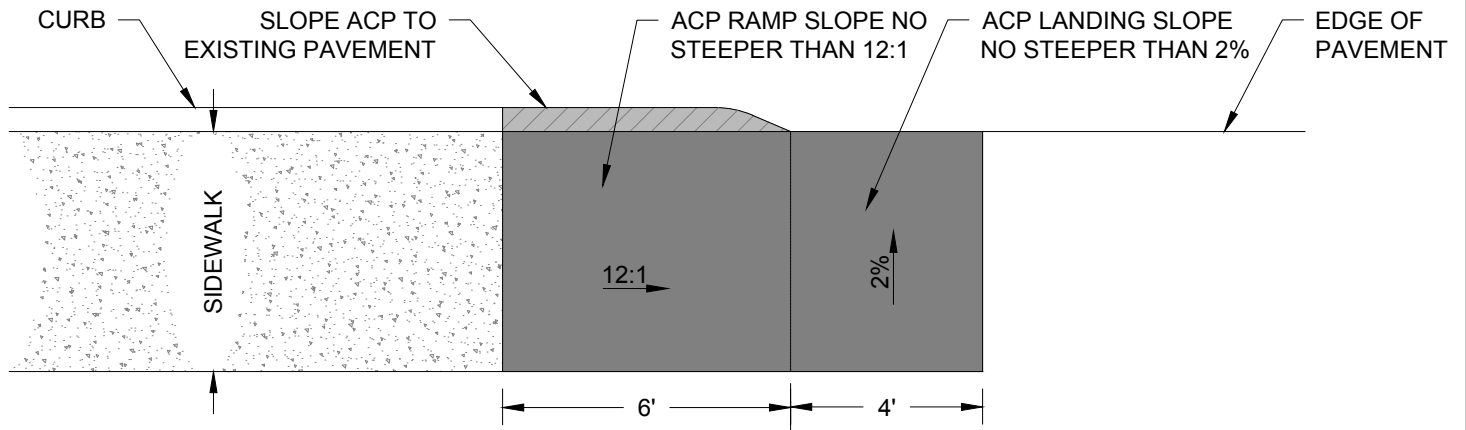


STREET NAME SIGNS

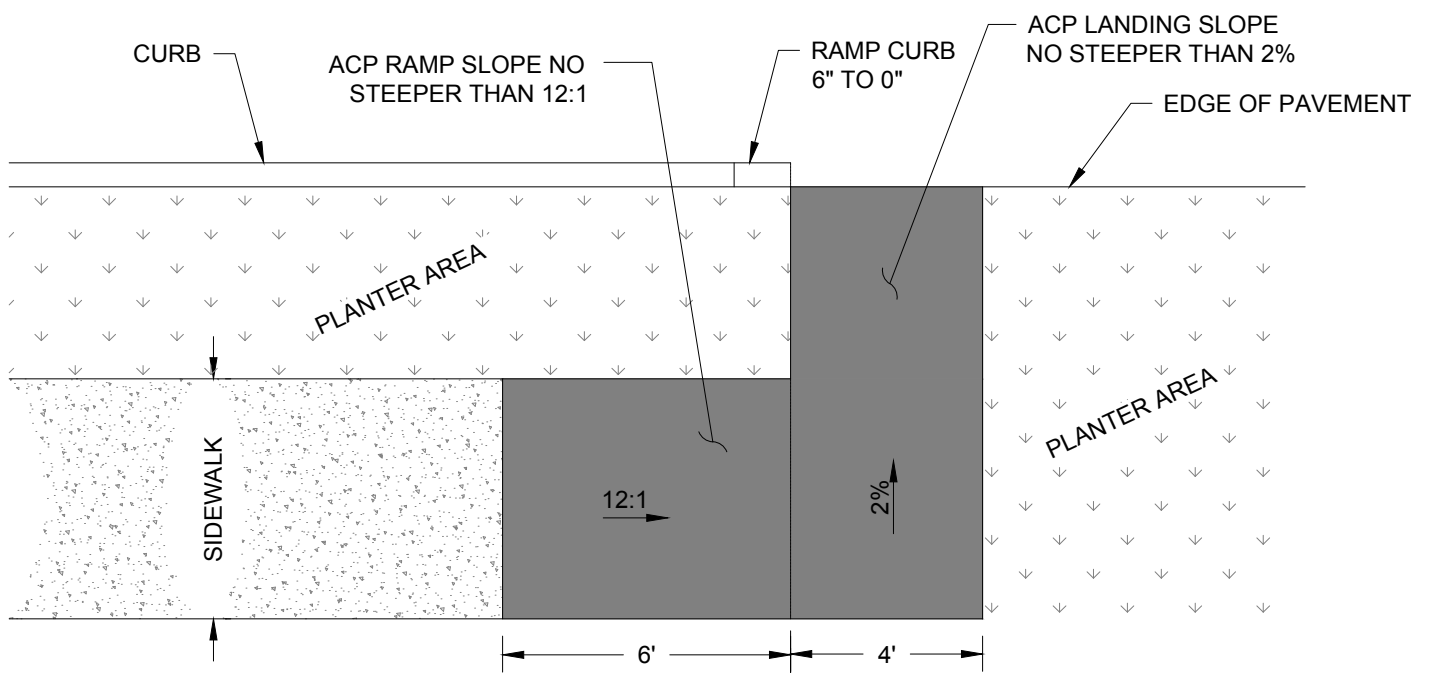
DRAWING NO. **S13**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



ATTACHED SIDEWALK



DETACHED SIDEWALK

NOTES:

1. CLASS "B" ASPHALT CONCRETE PAVEMENT (ACP) SHALL BE A MINIMUM OF 0.20' DEEP, OVER 3" MIN. DEPTH OF AGGREGATE (5/8"-0).
2. ACP LANDINGS SHALL BE AT A SLOPE NO GREATER THAN 2%.
3. BEGIN ACP RAMP AT NEAREST SIDEWALK JOINT.

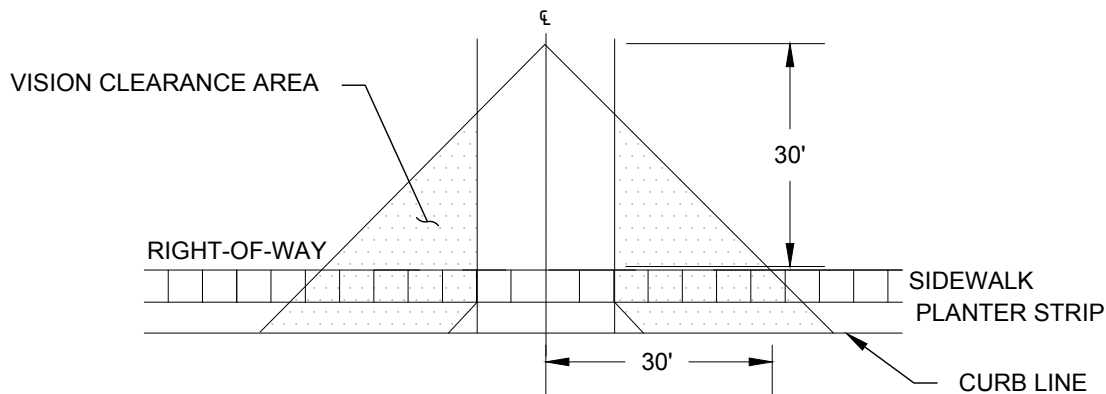
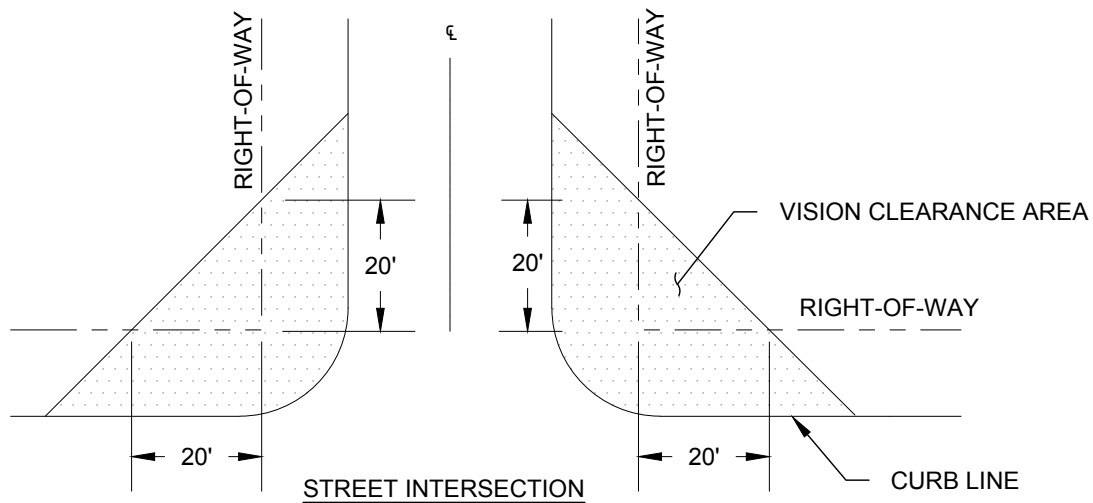


TEMPORARY AC RAMP

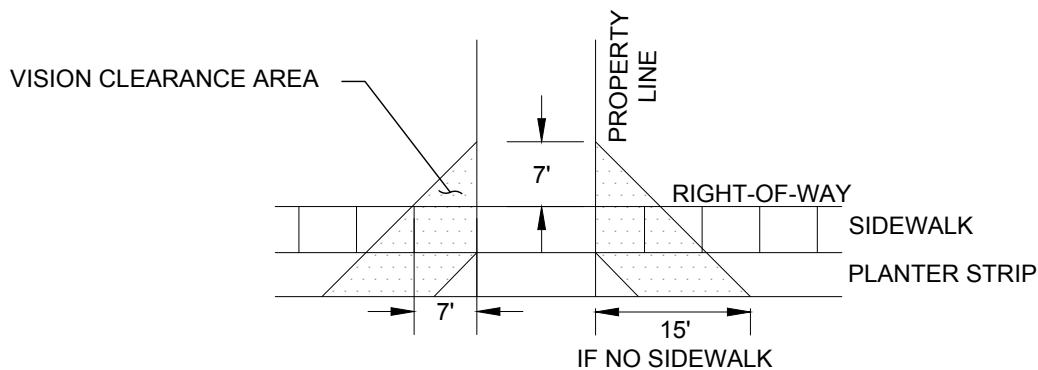
DRAWING NO. **S14**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



COMMERCIAL DRIVEWAYS, PRIVATE STREETS, MULTI FAMILY DWELLINGS, LOCAL SERVICE STREETS AND ALLEYS



RESIDENTIAL DRIVEWAYS AND SINGLE FAMILY DWELLINGS

NOTES:

1. THERE SHALL BE NO SIGHT OBSTRUCTION WITHIN THE TRIANGULAR VISION CLEARANCE AREA BETWEEN 30-INCHES AND 10-FEET ABOVE THE STREET GRADE.
2. NO STREET TREES THAT WILL GROW BEYOND 12" DIAMETER SHALL BE PLACED WITHIN THE VISION CLEARANCE TRIANGLES.
3. IN ADDITION TO VISION CLEARANCE TRIANGLE, STREET INTERSECTIONS SHALL COMPLY WITH SIGHT DISTANCE PROVISIONS DEFINED IN THE "INTERSECTION CHAPTER" OF THE AASHTO'S POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS. THE INTERSECTION SIGHT DISTANCE AND SIGHT LINE SHALL BE SHOWN ON PLAN SUBMITTALS.

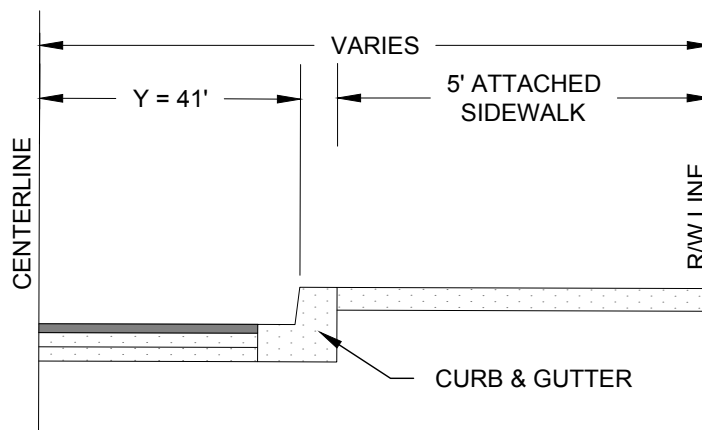
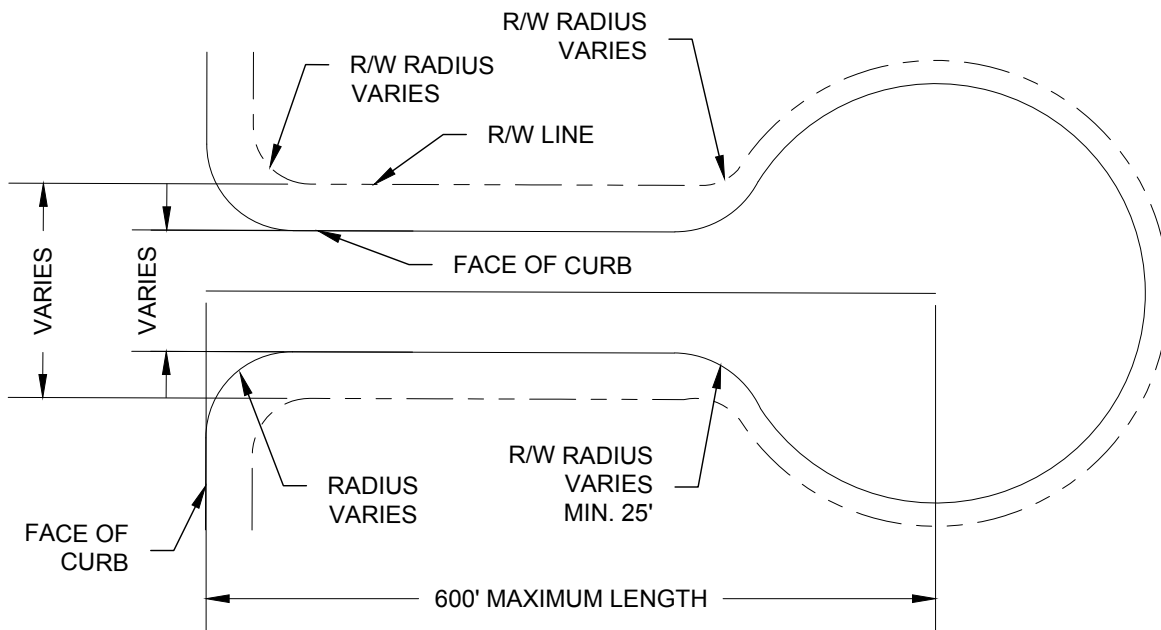


DRIVEWAY SIGHT DISTANCE

DRAWING NO. **S15**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



BULB DIMENSIONS
NTS

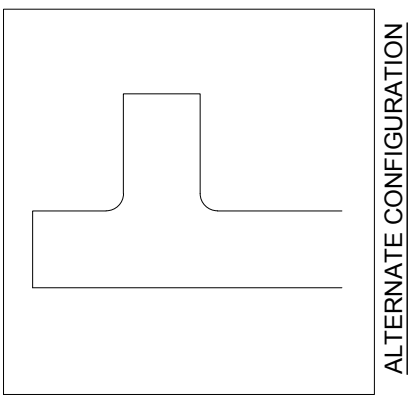
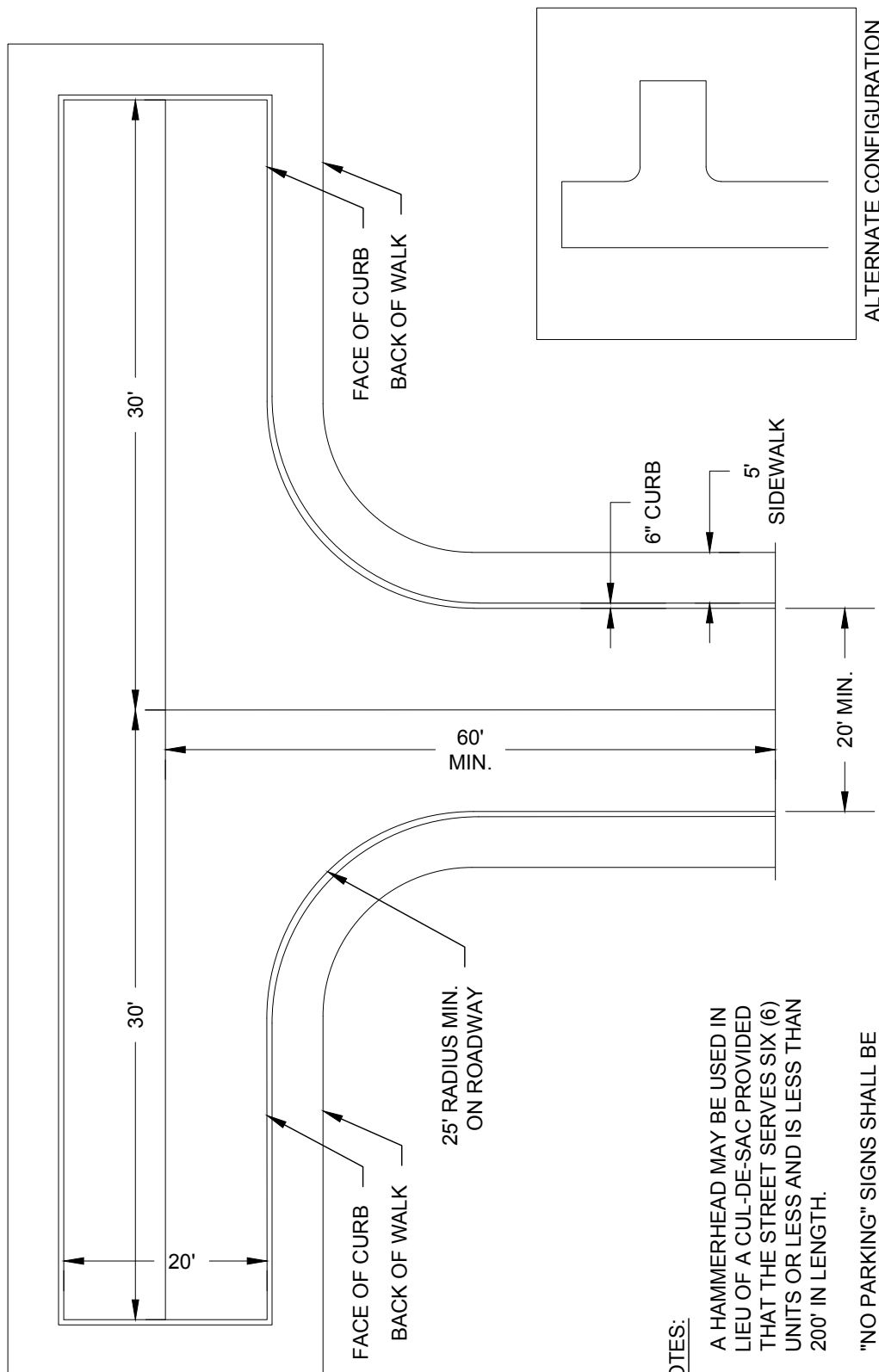
NOTES:

1. THE DISTANCE FROM THE CURB TO THE R/W AROUND THE CUL-DE-SAC BULB SHALL BE THE SAME AS THE ADJACENT STREET SECTION.
2. MINIMUM 48' RADIUS REQUIRED.



STANDARD CUL-DE-SAC

DRAWING NO.	S16
DATE	AUG '25
SCALE	NTS
APPROVED BY	CR



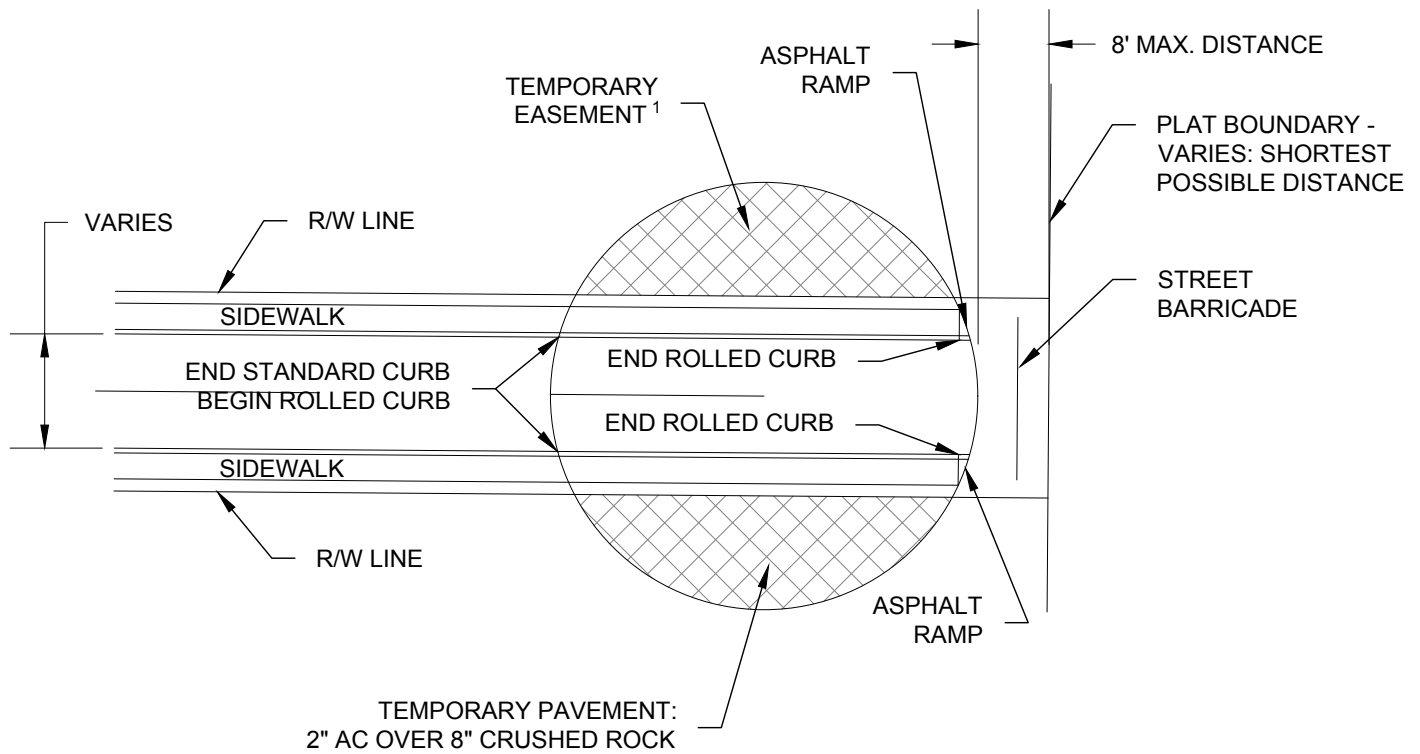
NOTES:

1. A HAMMERHEAD MAY BE USED IN LIEU OF A CUL-DE-SAC PROVIDED THAT THE STREET SERVES SIX (6) UNITS OR LESS AND IS LESS THAN 200' IN LENGTH.
2. "NO PARKING" SIGNS SHALL BE INSTALLED ON ALL LEGS OF THE HAMMERHEAD.



DEAD-END HAMMERHEAD

DRAWING NO.	S17	
DATE	AUG '25	SCALE NTS
APPROVED BY	CR	



NOTES:

1. BARRICADE REQUIRED AT END OF BULB. SEE STREET BARRICADE TYPE 3.
2. HAMMERHEAD TURNAROUNDS MAY BE USED FOR TEMPORARY DEAD-ENDS LESS THAN 200' IN LENGTH. SEE DRAWING FOR DIMENSIONAL REQUIREMENTS.
3. MINIMUM 48' RADIUS REQUIRED FOR INDUSTRIAL STREETS.



TEMPORARY CUL-DE-SAC

DRAWING NO. **S18**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

GENERAL DETAILS

1	G01A	GENERAL NOTES 1 OF 3
2	G01B	GENERAL NOTES 2 OF 3
3	G01C	GENERAL NOTES 3 OF 3
4	G02	SIGNATURE BLOCK
5	G03	UNDERGROUND UTILITY LOCATIONS
6	G04	STANDARD PIPE BEDDING, FLEXIBLE PIPE
7	G05	STANDARD PIPE BEDDING, RIGID PIPE
8	G06	TYPICAL UTILITY TRENCH SECTIONS
9	G07	TYPICAL UTILITY TRENCH SECTIONS, NOTES
10	G08	STANDARD MANHOLE
11	G09	MANHOLE DETAILS
12	G10	STANDARD MANHOLE FRAMES AND COVER
13	G11	TAMPERPROOF MANHOLE FRAME AND COVER
14	G12	MANHOLE ADJUSTMENT DETAIL
15	G13	MANHOLE CONNECTION
16	G14	TOP SLAB STANDARD PRECAST MANHOLE
17	G15	OUTSIDE DROP CONNECTION
18	G16	INSIDE DROP CONNECTION

SINGLE FAMILY RESIDENTIAL DETAILS

19	R01A	SINGLE-FAMILY RESIDENTIAL GENERAL NOTES 1 OF 2
20	R01B	SINGLE-FAMILY RESIDENTIAL GENERAL NOTES 2 OF 2
21	R02	SINGLE FAMILY EROSION PREVENTION PLAN
22	R03	SINGLE FAMILY EROSION PREVENTION NOTES
23	R04	COMPOST AMENDED VEGETATED FILTER STRIP
24	R05	CONCENTRATED FLOW DISPERSION - DIAGONAL BERMS
25	R06	CONCENTRATED FLOW DISPERSION - SLOTTED DRAINS
26	R07	SHEET FLOW DISPERSION TRENCH
27	R08	PLANTING BED CROSS-SECTION
28	R09	DOWNSPOUT INFILTRATION TRENCH
29	R10	ALTERNATIVE DOWNSPOUT INFILTRATION TRENCH FOR COURSE SAND AND GRAVEL
30	R11	DOWNSPOUT DISPERSION TRENCH
31	R12	STANDARD ROOF INFILTRATION SYSTEM NOTES



TABLE OF CONTENTS

DRAWING NO. TOC01	
DATE AUG '25	SCALE NTS
APPROVED BY CR	

32	R13	DOWNSPOUT SPLASHBLOCK DISPERSION
33	R14	PERFORATED STUB-OUT CONNECTION
34	R15	RESIDENTIAL GRINDER PUMP TANK
35	R16	GRINDER DISCHARGE HOSE & VALVE ASSEMBLY
36	R17	PRESSURE TO GRAVITY SERVICE CONNECTION

EROSION CONTROL DETAILS

37	E01A	STANDARD NOTES FOR EROSION CONTROL 1 OF 2
38	E01B	STANDARD NOTES FOR EROSION CONTROL 2 OF 2
39	E02	TREE PROTECTION FENCING DETAIL
40	E03	CONSTRUCTION ENTRANCE
41	E04	INLET PROTECTION TYPE 4 - BIO-FILTER BAGS
42	E05	INLET PROTECTION TYPE 5 - SILT SACK
43	E06	SILT FENCE
44	E07	ROCK CHECK DAM
45	E08	STRAW WATTLE
46	E09	STANDARD SEDIMENT TRAP
47	E10	TEMPORARY SEDIMENT POND
48	E11	BIO-FILTER BAGS - SEDIMENT BARRIER
49	E12	PLASTIC SHEETING
50	E13	MATting - SLOPE INSTALLATION
51	E14	MATting - CHANNEL INSTALLATION
52	E15	MATting - GENERAL NOTES
53	E16	TIRE WASH
54	E17	INTERCEPTOR SWALES AND DIKES

STREET DETAILS

55	S01	STANDARD STREET NOTES
56	S02	ROADWAY CROSS-SECTION
57	S03	DRIVEWAY APPROACH TYPE 1
58	S04	DRIVEWAY APPROACH TYPE 3
59	S05	CONCRETE CURBS
60	S06	STANDARD SIDEWALK
61	S07	CURB RAMP INFO SHEET
62	S08	MAILBOX PLACEMENT
63	S09	SIGN SUPPORT



TABLE OF CONTENTS

DRAWING NO. **TOC02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

64	S10	SIGN SUPPORT NOTES
65	S11	PERMANENT STREET BARRICADE TYPE 3
66	S12	STREET NAME SIGNS
67	S13	STREET NAME SIGNS
68	S14	TEMPORARY AC RAMP
69	S15	DRIVEWAY SIGHT DISTANCE
70	S16	STANDARD CUL-DE-SAC
71	S17	DEAD-END HAMMERHEAD
72	S18	TEMPORARY CUL-DE-SAC

DRAINAGE DETAILS

73	D01	STANDARD DRAINAGE NOTES
74	D02	CATCH BASIN TYPE 1
75	D03	CATCH BASIN FRAME
76	D04	GUTTER PAN
77	D05	HERRINGBONE GRATE
78	D06	CATCH BASIN TRAP
79	D07	CURB INLET TYPE 1
80	D08	COMBINATION CURB INLET
81	D09	DITCH INLET
82	D10	AREA INLET
83	D11	PRECAST DRYWELL
84	D12	INFILTRATION TRENCH
85	D13	BEVELED END CULVERT
86	D14	FLAT BOTTOM DITCH

WATER DETAILS

87	W01A	STANDARD WATER NOTES 1 OF 2
88	W01B	STANDARD WATER NOTES 2 OF 2
89	W01C	WATER VAULT NOTES
90	W02	1" WATER SERVICE
91	W03	1 1/2" - 2" INCH WATER SERVICE
92	W04	3" AND LARGER WATER METER INSTALLATION
93	W05	VALVE BOX AND COVER
94	W06	FIRE HYDRANT ASSEMBLY



TABLE OF CONTENTS

DRAWING NO.	TOC3	
DATE	AUG '25	SCALE NTS
APPROVED BY	CR	

95	W07	BLOWOFF ASSEMBLY
96	W08	HOT TAP OF EXISTING MAIN
97	W09	THRUST BLOCK
98	W10	COMBINATION AIR RELEASE VALVE
99	W11	WATER AND SEWER SPACING
100	W12	GENERAL BACKFLOW NOTES
101	W13	DOUBLE CHECK VALVE ASSEMBLY - 2" AND SMALLER
102	W14	DOUBLE CHECK VALVE ASSEMBLY - 2.5" AND LARGER
103	W15	RPBA FOR DOMESTIC AND IRRIGATION - 2" AND SMALLER
104	W16	REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY - 2.5" AND LARGER
105	W17	STANDARD DEDUCT METER AND BACKFLOW LOCATION
106	W18	FIRE PROTECTION BACKFLOW LOCATION
107	W19A	STANDARD PRESSURE REDUCING STATION
108	W19B	STANDARD PRESSURE REDUCING STATION - MECH. DTLs.

SANITARY SEWER DETAILS

109	SAN01B	STANDARD SEWER NOTES 1 OF 2
110	SAN01B	STANDARD SEWER NOTES 2 OF 2
111	SAN02	SERVICE LATERAL CONNECTIONS
112	SAN03	ANCHOR WALL
113	SAN04	CONCRETE ENCASED SEWER PIPE
114	SAN05	TEMPORARY SEWER LATERAL
115	SAN06	STANDARD SEWER CLEANOUT
116	SAN07	SAMPLING MANHOLE



TABLE OF CONTENTS

DRAWING NO.	TOC4
DATE	AUG '25
SCALE	NTS
APPROVED BY	CR

WATER NOTES

1. MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTIONS 7-09 THROUGH 7-15 OF THE STANDARD SPECIFICATIONS AND THE CITY OF STEVENSON STANDARD DETAILS.
2. WHERE EXISTING SERVICE MUST BE INTERRUPTED, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT AND ALL CUSTOMERS AFFECTED AS TO THE DATE AND DURATION OF THE INTERRUPTION. NOTIFICATION MUST BE DONE 48 HOURS IN ADVANCE OF THE INTERRUPTION, OR AS REQUIRED BY THE CITY. THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION TO PROVIDE MINIMUM INTERRUPTION OF SERVICES AS DETERMINED BY THE CITY. ALL SERVICE INTERRUPTIONS SHALL BE PERFORMED BY THE CITY. NECESSARY PIPE, FITTINGS AND GATE VALVES SHALL BE ASSEMBLED AT THE SITE READY FOR INSTALLATION PRIOR TO SHUTTING OFF WATER IN THE EXISTING MAIN. ONCE THE WATER HAS BEEN SHUT OFF, THE WORK SHALL BE PERFORMED VIGOROUSLY AND SHALL NOT BE HALTED UNTIL THE LINE IS RESTORED TO SERVICE.
3. THE MINIMUM COVER FOR ALL SIZES OF PIPE SHALL BE 3 FEET BELOW FINISHED STREET GRADE OR BELOW EXISTING GROUND, WHICHEVER IS GREATER. MAXIMUM COVER SHALL BE 5 FEET UNLESS APPROVED OTHERWISE.
4. IN FILL AREAS, SPECIAL TREATMENT MAY BE REQUIRED AT THE DISCRETION OF THE CITY. THIS TREATMENT MAY CONSIST OF COMPACTING THE BACKFILL IN SIX INCH (6") LAYERS, CAREFUL CHOICE OF BACKFILL MATERIALS, USE OF MECHANICAL JOINT DUCTILE IRON PIPE IN SHORT LENGTHS, OR SUCH OTHER REASONABLE METHOD OR COMBINATIONS AS MAY BE NECESSARY OR AS REQUIRED BY THE CITY.
5. PIPE SHALL BE FURNISHED NEW AND CONFORM TO THE REQUIREMENTS OF AWWA C151-71. 5. ALL PIPE SHALL BE CLASS 52, DUCTILE IRON, UNLESS OTHERWISE NOTED ON THE PLANS. PIPE SHALL BE FURNISHED IN 18 TO 20 FOOT LENGTHS AND SHALL BE CEMENT MORTAR LINED.
6. FITTINGS SHALL BE OF THE SIZE, TYPE, TYPE OF IRON, AND TYPE OF JOINT AS CALLED FOR ON THE PLANS, SHALL CONFORM TO THE REQUIREMENTS OF AWWA C110-82 OR C153-85 AND SHALL HAVE A PRESSURE RATING OF 250 PSI MINIMUM. ALL RUBBER GASKET JOINTS FOR DUCTILE IRON AND GREY IRON FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C111-80. DUCTILE IRON FITTINGS SHALL BE CEMENT LINED. COMPACT FITTINGS WILL ONLY BE ALLOWED ON INSTALLATIONS THRU 12" DIAMETER. ALL COMPACT FITTINGS SHALL BE DUCTILE IRON, CEMENT LINED, AND HAVE A PRESSURE RATING OF 350 PSI. ALL REDUCERS SHALL BE MECHANICALLY RESTRAINED.
7. VALVES SHALL BE FURNISHED WITH JOINTS AS CALLED FOR ON THE PLANS. VALVES SHALL BE FURNISHED WITH AN UNDERGROUND MANUAL OPERATOR WITH AN AWWA 2 INCH SQUARE OPERATING NUT AND SHALL OPEN WITH A COUNTER-CLOCKWISE ROTATION. IF OVER 4' TO FINISHED GRADE THE OPERATOR NUT SHALL HAVE A FACTORY EXTENSION ADDED TO A DISTANCE OF 18" FROM FINISHED GRADE.
 - A. RESILIENT-SEATED GATE VALVES WILL BE USED FOR VALVE INSTALLATIONS OF 8 INCH AND SMALLER AND ON ALL FIRE HYDRANT AND FIRE PROTECTION SERVICE INSTALLATIONS. RESILIENT-SEATED VALVES SHALL CONFORM TO AWWA C509-87 AND SHALL BE EPOXY COATED ON THE INSIDE.
 - B. BUTTERFLY VALVES SHALL BE USED FOR ALL VALVE INSTALLATIONS 10 INCH AND LARGER. BUTTERFLY VALVES SHALL MEET OR EXCEED ALL AWWA C504-80 SPECIFICATIONS AND SHALL BE CLASS 150-B WITH SHORT BODY. BUTTERFLY VALVES SHALL HAVE A MINIMUM OF 28 TURNS TO MOVE FROM FULLY OPEN TO FULLY CLOSED POSITION. THE OPERATOR SHALL BE MOUNTED DIRECTLY ON THE VALVE WITH NO EXPOSED OR EXTERNAL COUPLINGS. UNITS SHALL BE FULLY GASKETED AND GREASE PACKED. VALVES SHALL BE INSTALLED WITH THE OPERATOR ON THE CENTERLINE OF THE ROAD SIDE OF THE PIPE.
8. BOLTS FOR FLANGED FITTINGS SHALL BE GALVANIZED OR ZINC-CADMIUM PLATED. BOLTS FOR MECHANICAL JOINTS AND CAST IRON TAPPING SLEEVES SHALL BE NSS CORTEN STEEL.
9. BED PIPE IN ACCORDANCE WITH CITY OF STEVENSON STANDARD DETAILS G04 AND G05. TRENCH BACKFILL MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF STEVENSON STANDARD DETAILS G06 AND G07.
10. NO DITCHES SHALL BE LEFT OPEN AFTER WORK HOURS. TEMPORARY TRENCH PATCHING SHALL BE INSTALLED WHEN WORK IMPACTS TRAVEL LANES.



STANDARD WATER NOTES 1 OF 2

DRAWING NO. **W01A**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

96

11. CONTRACTOR SHALL FURNISH A WATERTIGHT PLUG OF THE APPROPRIATE SIZE WHICH SHALL BE INSTALLED IN THE END OF WATER MAIN WHEN WORK IS DELAYED OR STOPPED AT THE END OF THE WORK SHIFT.
12. VALVES AND BLOW-OFFS SHALL BE CENTERED IN VALVE BOXES ON RISERS. VALVE BOX COVERS SHALL BE CAST IRON WITH A 'W' CAST INTO THE TOP, MANUFACTURED BY VARICAST OR APPROVED EQUAL. VALVE BOX EXTENSIONS SHALL BE ONE PIECE SCHEDULE 40 PVC, 6" MINIMUM. THE EXTENSION SHALL BE LOCATED 4" BELOW THE CAST LID. VALVE BOXES NOT SET IN PAVED AREAS, SHALL BE SET IN A CONCRETE PAD, 24" SQUARE, 4"-6" THICK.
13. HYDRANTS SHALL BE COVERED TO INDICATE UNDER CONSTRUCTION UNTIL ACCEPTED BY THE CITY.
14. PIPES TO BE ABANDONED SHALL BE CAPPED WITH MECHANICAL COUPLINGS.
15. WATER SERVICES ARE TO BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE PUBLIC WORKS DEPARTMENT.
 - A. WATER METERS SIZED ¾" TO 2" WILL BE PROVIDED AND SET BY THE CITY ONLY AFTER BOX AND SETTER ARE AT FINISHED GRADE. PRIOR TO INSTALLATION OF THE WATER SERVICES, A REPRODUCIBLE COPY OF THE PLAT MAP SHALL BE PROVIDED INDICATING THE ADDRESS OF EACH LOT. NO WATER METERS WILL BE SET UNTIL THESE CONDITIONS ARE MET.
 - B. WATER METERS LARGER THAN 2" WILL BE INSTALLED BY THE OWNER AS PART OF THE CONSTRUCTION PROJECT AND WILL BE LOCKED OFF BY THE CITY. METERS WILL BE TURNED ON BY THE CITY BY REQUEST FROM THE OWNER AFTER ACCEPTANCE BY THE CITY.
16. THE CONTRACTOR SHALL MAKE PRESSURE AND LEAKAGE TESTS ON ALL NEWLY LAID PIPE AND SHALL BE ABLE TO DEMONSTRATE A "ZERO LEAKAGE" RATE. IF ATTEMPTS TO DEMONSTRATE ZERO LEAKAGE CAN NOT BE ACHIEVED, CONTRACTOR MAY CHOOSE TO TEST IN ACCORDANCE WITH SECTION 7-09.3 (23) OF THE STANDARD SPECIFICATIONS, FURNISH ALL NECESSARY EQUIPMENT AND MATERIAL, MAKE ALL TAPS IN THE PIPE AS REQUIRED, AND CONDUCT THE TESTS. THE ENGINEER WILL MONITOR THE TESTS, THE CITY SHALL WITNESS THE TEST; IF THE TEST DOES NOT PASS INSPECTION FOR ANY REASON, ADDITIONAL TRIPS REQUIRED TO WITNESS THE TEST SHALL BE AT OWNER'S EXPENSE.
17. THE QUALITY, TASTE AND ODOR OF WATER DRAWN FROM NEW CONSTRUCTION WATER MAINS SHALL BE THE SAME AS THE WATER IN THE EXISTING FACILITY CLASSED AS ACCEPTABLE FOR USE BY THE CITY. SHOULD THE WATER NOT BE ACCEPTABLE FOR USE BECAUSE OF TASTE, REQUIRED STEPS AS APPROVED BY THE CITY SHALL BE ACCOMPLISHED TO ATTAIN WATER QUALITY ACCEPTABLE FOR USE.



STANDARD WATER NOTES 2 OF 2

DRAWING NO. **W01B**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

WATER VAULT NOTES

1. VAULTS SHALL BE CONSTRUCTED PER THE CITY OF STEVENSON STANDARD DETAILS AND SHALL HAVE NO OTHER USE, EXCEPT FOR USE AS APPROVED BY THE CITY OF STEVENSON.
2. PRESSURE REDUCING VALVE VAULTS ARE UNIQUE TO EACH SITUATION. PRESSURE REDUCING VAULTS SHALL BE DETAILED BY THE ENGINEER ON THE PLANS. THE CITY WILL REVIEW THE VAULT FOR SIZE AND COMPLIANCE WITH THE GENERAL REQUIREMENTS LISTED UNDER THIS SECTION.
3. AN ELECTRICAL PERMIT IS REQUIRED, AS APPLICABLE. ALL ELECTRICAL WIRING SHALL BE INSPECTED BY THE WASHINGTON STATE ELECTRICAL INSPECTOR.
4. VAULTS SHALL BE SEALED WITH CRYSTAL SEAL OR APPROVED EQUAL ON THE OUTSIDE OF THE VAULT. VAULT PENETRATIONS SHALL BE SEALED WITH NON SHRINK GROUT FROM THE OUTSIDE. APPLY WATER PROOF COATING OVER GROUT. BACKFILL AROUND VAULT PER THE MANUFACTURER'S SPECIFICATIONS.
5. VAULT ACCESS SHALL BE THROUGH AN H-20 RATED STANDARD BILCO DOOR, OR APPROVED ALTERNATE. A LADDER SHALL BE PROVIDED IF THE VAULT OR CHAMBER DEPTH IS 5 FOOT 0 INCHES OR GREATER AND ENTRY IS THROUGH THE VAULT OR CHAMBER ROOF. LADDERS SHALL INCLUDE A MODEL 1 BILCO LADDERUP SAFETY POST OR APPROVED EQUAL.
6. DRAINAGE FOR THE VAULT OR CHAMBER SHALL BE PROVIDED. CONNECTION TO PIPED STORM SYSTEMS WITH CHECK VALVE IS ALLOWED, OR A DAYLIGHTED DRAIN.
7. VAULTS SHALL BE PROVIDED WITH A MOISTURE PROOF LIGHT FIXTURE IF ADEQUATE LIGHTING IS NOT AVAILABLE.
8. VAULTS SHALL BE INSTALLED ON UNDISTURBED SUBGRADE OR COMPACTED 3/4-0 GRAVEL BASE.
9. PIPING ASSEMBLIES SHALL BE ADEQUATELY SUPPORTED FROM THE FLOOR, READILY ACCESSIBLE WITH ADEQUATE ROOM FOR MAINTENANCE AND SUITABLY RESTRAINED FROM MOVEMENT. SUPPORTS SHALL CONSIST OF STEEL SUPPORTS OR APPROVED EQUAL; WOOD SUPPORTS WILL NOT BE ALLOWED. NO PIPING SHALL BE INSTALLED IN EXCESS OF 3 FEET ABOVE THE VAULT FLOOR.
10. ALL NEW SERVICES ARE TO BE PRESSURE TESTED AND DISINFECTED BY THE CONTRACTOR AND PROVEN TO BE BACTERIOLOGICALLY SAFE FROM THE EXISTING MAIN TO THE VAULT.

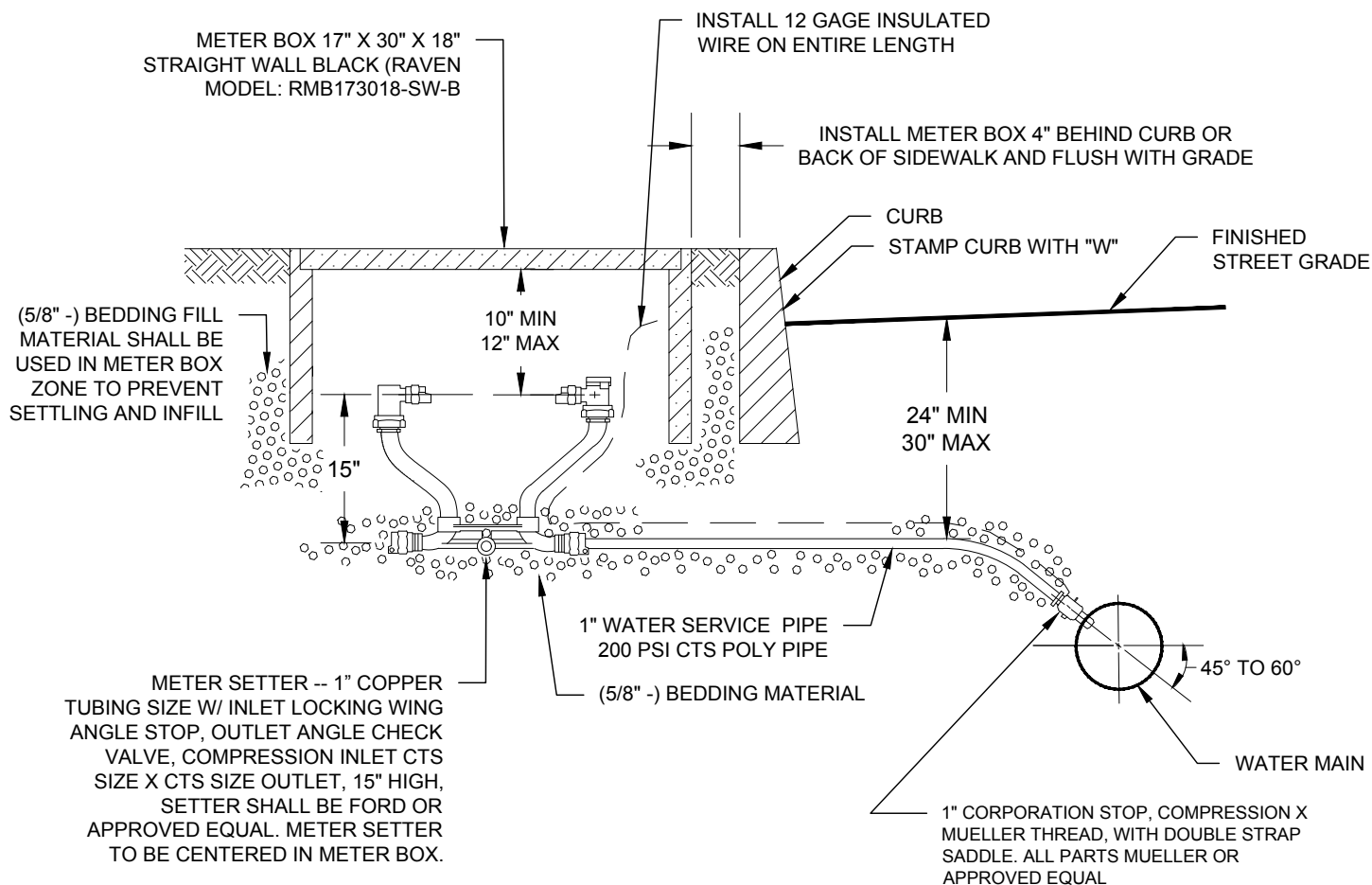


WATER VAULT NOTES

DRAWING NO. **W01C**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES

1. METER BOX SHALL BE MANUFACTURED BY RAVEN PRODUCTS UNLESS OTHERWISE APPROVED.
2. METER BOX IS NOT ALLOWED IN HARD SURFACE AREAS.
3. ALL METERS SHALL BE INSTALLED BY THE CITY OF STEVENSON
4. PRIOR TO INSTALLATION OF METER A REQUEST FOR METER INSTALLATION MUST BE SUBMITTED, ALL SERVICE FEES PAID IN FULL AND THE WATER MAIN SHALL BE TESTED AND ACCEPTED BY THE CITY. ALLOW 1-2 WEEKS FOR METER INSTALLATION
5. PRIOR TO FINAL OCCUPANCY OF BUILDING BACKFILL MUST BE PLACED AROUND METER BOX, THE BOX SET TO FINISHED GRADE AND SURROUNDING LANDSCAPING INSTALLED. CALL PUBLIC WORKS AT (509) 427-5970 FOR FINAL INSPECTION PRIOR TO FINAL OCCUPANCY. ALLOW 48 HOURS FOR FINAL INSPECTION.
6. WATER SERVICES UP TO AND INCLUDING THE SETTER SHALL BE PRESSURE TESTED WITH THE MAIN.
7. LICENSED PLUMBER TO INSTALL OR REATTACH CUSTOMER SIDE PLUMBING.

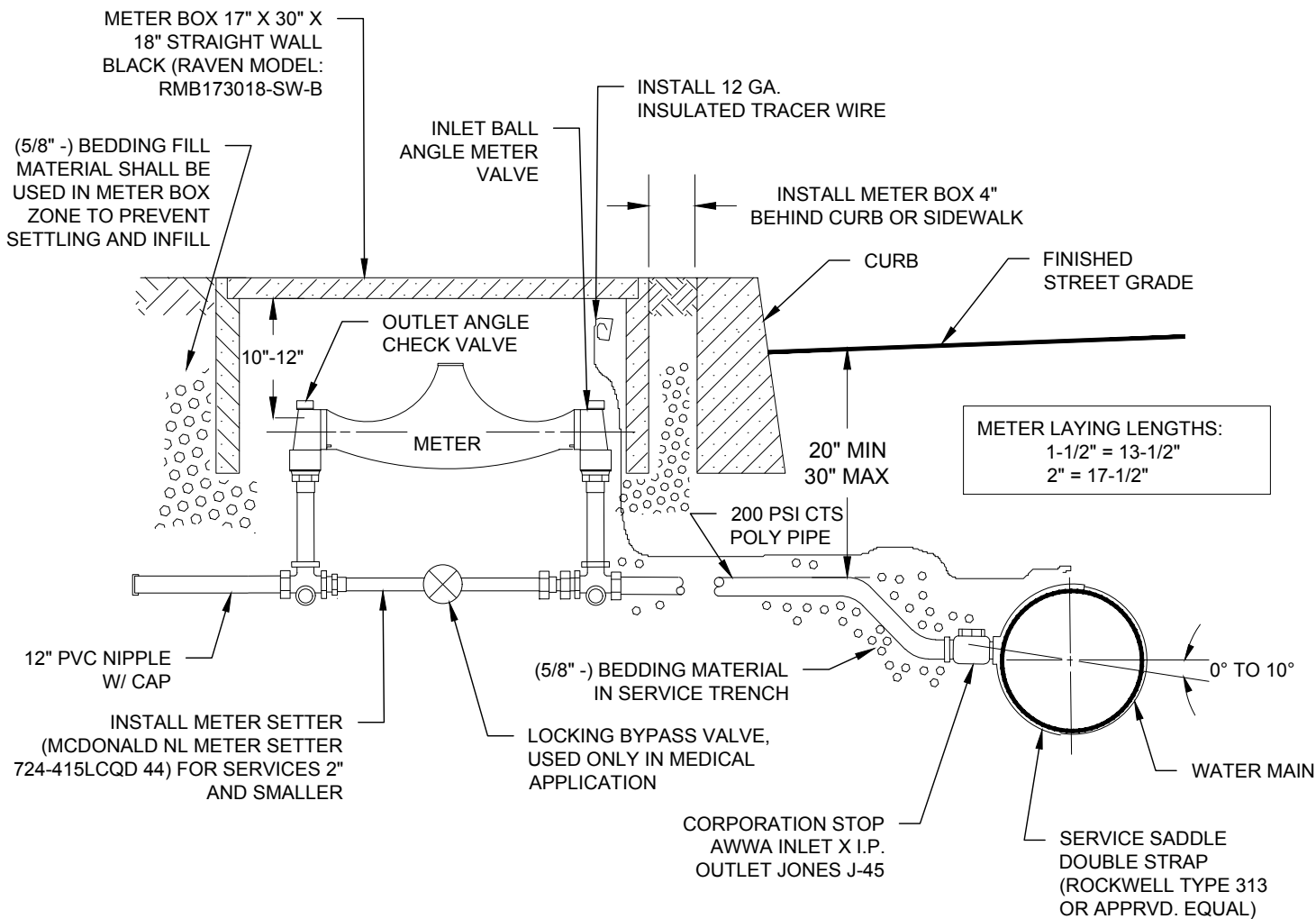


1" WATER SERVICE

DRAWING NO. **W02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES

1. ALL METERS SHALL BE INSTALLED BY THE CITY OF STEVENSON.
2. PRIOR TO CITY INSTALLATION OF METERS, ALL SERVICE APPLICATIONS MUST BE COMPLETED AND APPROVED. SERVICE FEES PAID IN FULL AND AS-BUILTS SUBMITTED AND APPROVED.
3. CONTRACTOR SHALL CONTACT CITY PUBLIC WORKS OFFICE (509) 427-5970 48 HOURS PRIOR TO INSTALLING ANY WATER SERVICE CONNECTIONS.
4. METERS WILL NOT BE SET BY THE CITY PRIOR TO DISINFECTION OF THE MAIN AND SERVICE, AND PRIOR TO A SUCCESSFUL BACTERIOLOGICAL TEST.
5. WATER SERVICES SHALL BE PRESSURE TESTED ALONG THE MAIN.
6. DURING THE PRESSURE TEST, THE MAIN SHALL BE OPEN FOR INSPECTION OF ALL CORPORATION STOPS.
7. USE 1-7/8" BIT FOR ALL 2" SADDLE TAPS AND 1-3/8" BIT FOR 1-1/2" SADDLE TAPS.
8. USE PRO-TRACE CONNECTORS.
9. METER BOX NOT ALLOW IN HARD SURFACE AREAS.



1 1/2" - 2" WATER SERVICE

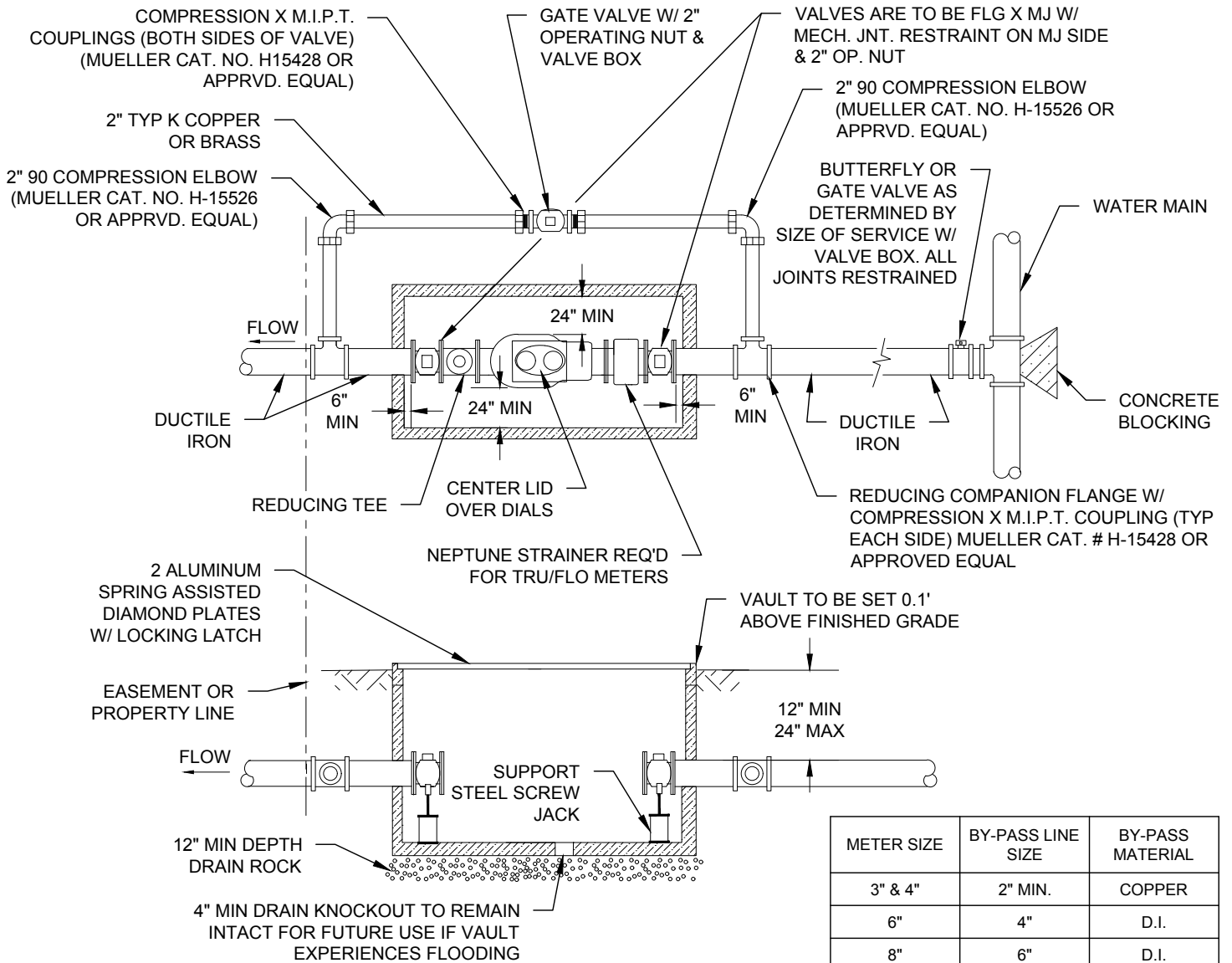
DRAWING NO. **W03**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

100



METER SIZE	BY-PASS LINE SIZE	BY-PASS MATERIAL
3" & 4"	2" MIN.	COPPER
6"	4"	D.I.
8"	6"	D.I.

VAULT	
UTILITY VAULT CO.	#575-LA-3660P
UTILITY VAULT CO.	#676-WA-3660P
R.C.P VAULTS	#76632
R.C.P VAULTS	W/ #57-TL-B LID

VAULTS SHALL BE SIZED TO ALLOW FOR CLEARANCES

NOTES

- TEN PIPE DIAMETERS OF STRAIGHT PIPE REQ'D. IN & OUT OF METER. (IF USING 6" PIPE, NO BENDS ALLOWED WITHIN 5' OF THE METER IN EITHER DIRECTION. IE: 6" x 10 = 60).
- CONTRACTOR SHALL USE APPROPRIATE METHODS TO ENSURE COPPER PIPE, FITTINGS AND JOINTS WILL REMAIN LEAK-TIGHT.
- ALL METERS 3" AND LARGER SHALL BE INSTALLED BY THE CONTRACTOR.
- METER BOX IS NOT ALLOWED WITHOUT PRIOR APPROVAL.
- VAULT LID DRAINS TO BE PIPED TO CURB OR STORM SEWER.
- VAULT TO BE SEALED AND WATER TIGHT.
- METER TYPE TO BE APPROVED BY PUBLIC WORKS PRIOR TO INSTALLATION.



3" AND LARGER METER INSTALLATION

DRAWING NO. **W04**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

101

LID AND 1/4" X 4"
ROD STOCK TO BE
CAST INTEGRALLY
(NOT WELDED)

RAISED LETTER

CHANNEL DEPTH
3/4" TO 1" DEEP

CONCRETE PAD FOR VALVE
BOXES NOT SET
IN PAVED AREAS.
(24" SQUARE, 4" THICK)

SEE NOTE #2

6" PVC
SEE NOTE #1

NOTES:

1. EXTENSIONS SHALL BE 6" ASTM D 3034 SDR 35 PVC PIPE (ONE PIECE)
2. VALVE BOX SHALL BE U.S. FILTER/PACIFIC WATER WORKS NO. 910 OR EQUAL.
3. THE LID SHALL INCLUDE THE "W" IN THE DESIGN.
4. IF THE ORIGIN IS OTHER THAN USA, THE COUNTRY OF ORIGIN SHALL BE CAST ON THE UNDERSIDE OF THE LID
5. THERE SHALL BE 1/2" CLEARANCE UNDER THE PIN CAST INTO THE LID.
6. THE OPERATOR NUT SHALL HAVE A DEPTH FROM 18"-36" FROM FINISH GRADE TO THE OPERATOR NUT.



VALVE BOX & COVER

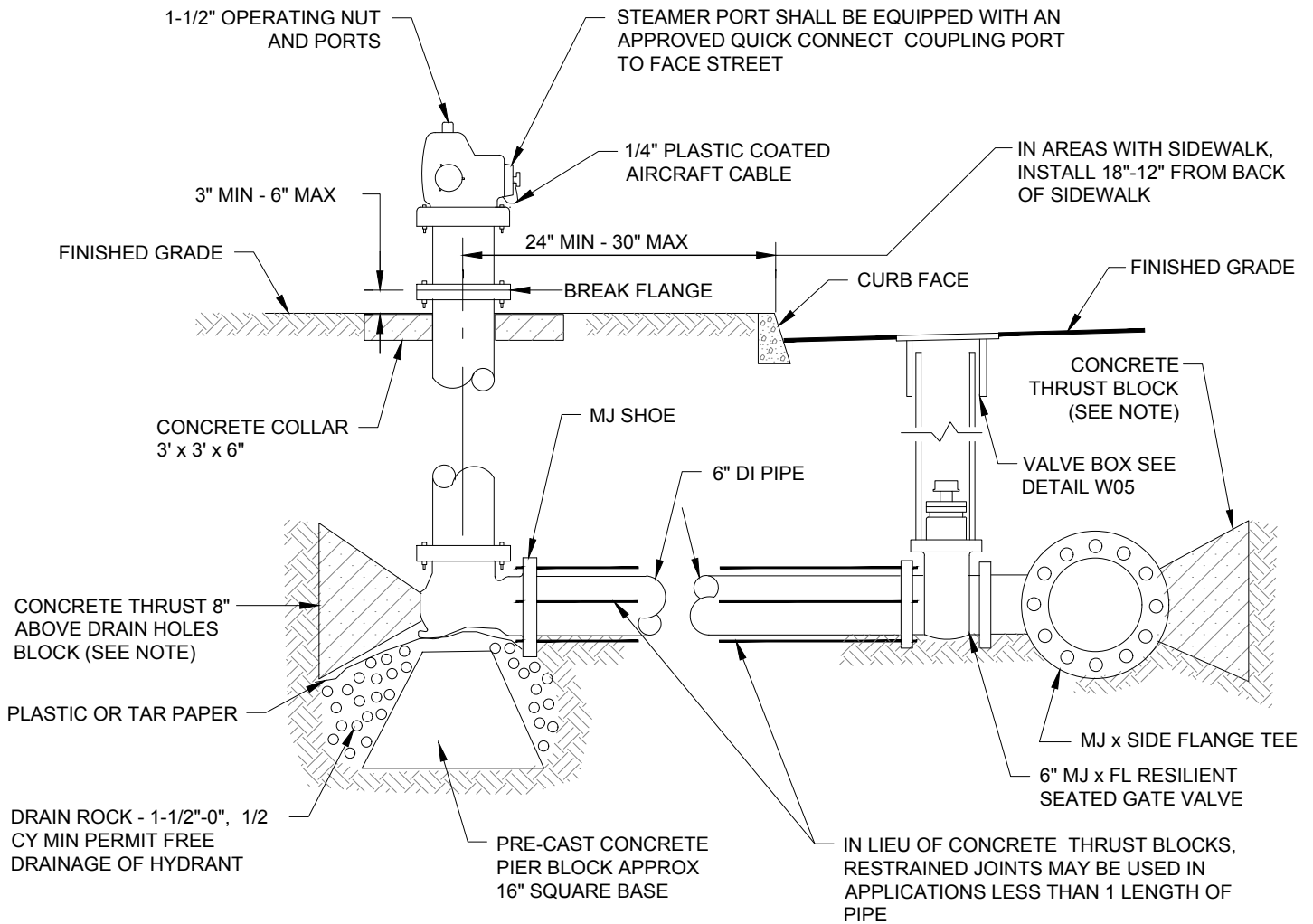
DRAWING NO. **W05**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

102



APPROVED HYDRANTS
 MEULLER SUPER CENTURION, A423
 WITH A MAXIMUM WORKING
 PRESSURE OF 200 PSIG

NOTES:

1. FIRE HYDRANT INSTALLATIONS SHALL BE INSPECTED PRIOR TO BACKFILLING.
2. FIRE HYDRANTS SHALL BE PAINTED (BRUSH APPLIED) AFTER INSTALLATION W/STANDARD AWWA, GLOSS B, YELLOW



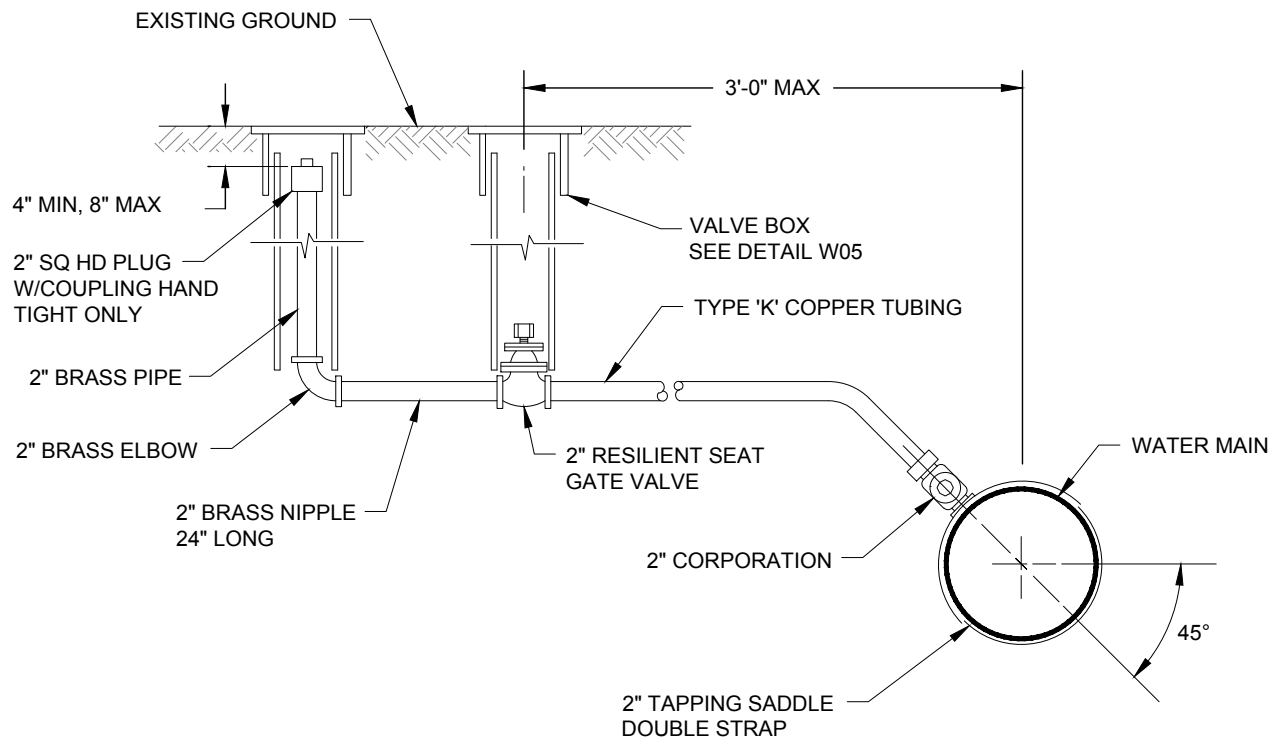
FIRE HYDRANT ASSEMBLY

DRAWING NO. **W06**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

103



NOTE:

1. BLOWOFF SHALL BE INSTALLED 1'-0" FROM AN END OF A LINE.



BLOWOFF ASSEMBLY

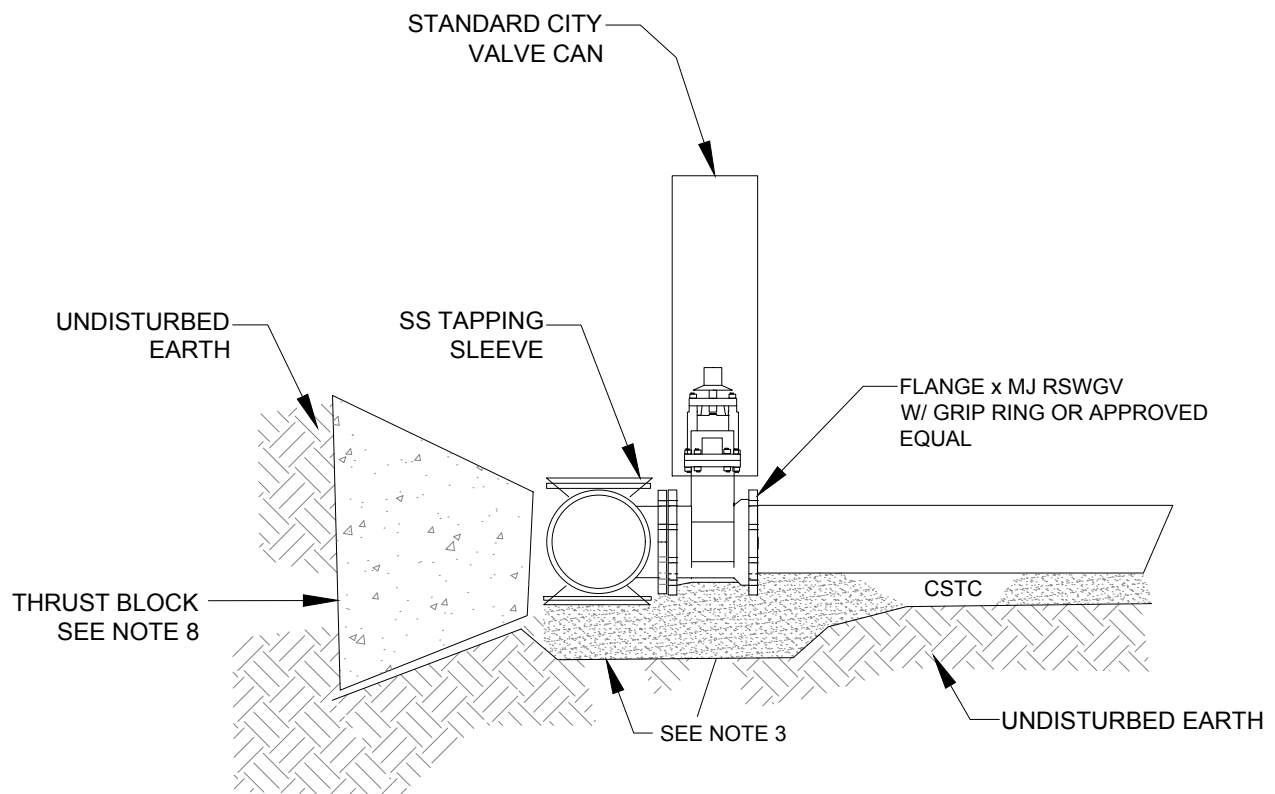
DRAWING NO. **W07**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

NOTES:

1. TAPPING SLEEVE SHALL BE 304 STAINLESS STEEL W/ STAINLESS STEEL FLANGE. JCM OR EQUIVALENT.
2. ALL BOLTS SHALL BE 304 STAINLESS STEEL OR APPROVED EQUAL.
3. TAPPING SLEEVE AND VALVE SHALL BE SUPPORTED BY 6" MIN. CTSC OR AS DETERMINED BY THE INSPECTOR & COMPACTED TO 95%.
4. CITY MUST WITNESS AIR TEST AND BE PROVIDED W/ WITH TAPPING COUPON.
5. TAPPING SLEEVE EDGE SHALL BE A MIN. OF 18" FROM BELL OR SPIGOT END OF EXISTING PIPE, AND A MIN. OF 18" FROM ANY OTHER TAP OR FITTING.
6. CONTRACTOR SHALL SCHEDULE THE HOT TAP WITH THE CITY 48 HOURS (2 WORKING DAYS) IN ADVANCE.
7. SIZE ON SIZE TAPS ARE NOT PERMITTED.
8. ALL THRUST BLOCKS TO BE CLASS 4000 AND SAME SIZE AS REQUIRED FOR AN EQUAL SIZE TEE. SEE DETAIL W09.



HOT TAP OF EXISTING WATER MAIN

DRAWING NO. **W08**

DATE **AUG '25** SCALE **NTS**

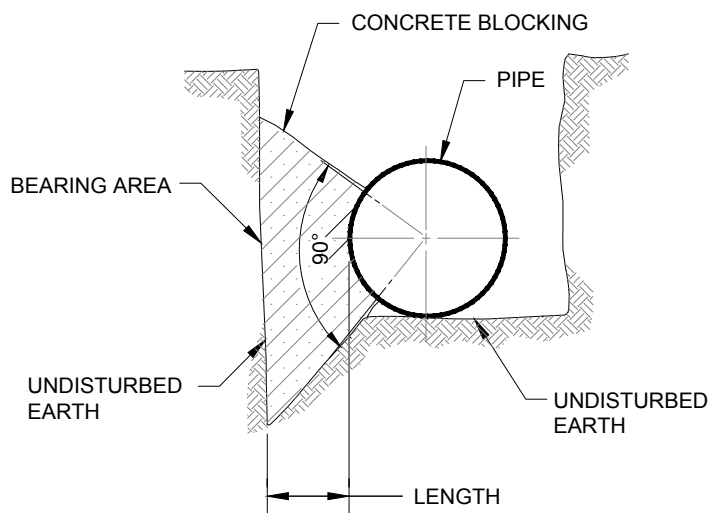
APPROVED BY **CR**

105

SOIL BEARING = 2000 LB/FT ²				
PIPE SIZE	HORIZ. BENDS	BEARING AREA S.F.	VOL. OF BLOCKING C.F.	LENGTH OF BLOCKING
4"	TEE	2.3	0.8	0.86
	90°	3.2	1.4	1.06
	45°	1.7	0.5	0.73
	22-1/2°	0.9	0.2	0.46
	11-1/4°	-	-	-
6"	TEE	4.7	2.4	1.24
	90°	6.6	4.0	1.53
	45°	3.6	1.6	1.05
	22-1/2°	1.8	0.6	0.66
	11-1/4°	0.9	0.2	0.39
8"	TEE	8.0	5.4	1.63
	90°	11.4	9.0	2.00
	45°	6.2	3.6	1.37
	22-1/2°	3.1	1.3	0.87
	11-1/4°	1.6	0.5	0.51
10"	TEE	12.1	9.9	2.00
	90°	17.1	16.7	2.46
	45°	9.3	6.6	1.69
	22-1/2°	4.7	2.4	1.08
	11-1/4°	2.4	0.9	0.63
12"	TEE	17.1	16.7	2.37
	90°	24.2	28.0	2.93
	45°	13.1	11.2	2.01
	22-1/2°	6.7	4.1	1.28
	11-1/4°	3.4	1.5	0.74
16"	TEE	23.8	27.3	2.73
	90°	33.6	46.0	3.37
	45°	18.2	18.3	2.29
	22-1/2°	9.3	6.7	1.42
	11-1/4°	4.7	2.4	0.80
18"	TEE	29.9	38.5	3.05
	90°	42.2	64.7	3.79
	45°	22.9	25.8	2.57
	22-1/2°	11.7	9.4	1.60
	11-1/4°	5.9	3.3	0.90
20"	TEE	36.6	52.3	3.38
	90°	51.8	87.9	4.19
	45°	28.1	35.0	2.84
	22-1/2°	14.3	12.7	1.77
	11-1/4°	7.2	4.5	1.00
24"	TEE	52.3	89.1	4.03
	90°	74.0	149.8	5.00
	45°	40.0	59.7	3.55
	22-1/2°	20.4	21.7	2.11
	11-1/4°	10.3	7.7	1.18

NOTES:

1. ALL BLOCKING SHALL BE POURED AGAINST FIRM UNDISTURBED SOIL.
2. WHEN POURING AGAINST PLUGS AND BLIND FLANGES, SEE SPECIAL PROVISIONS.
3. LAYOUT TO BE APPROVED BY THE INSPECTOR PRIOR TO AND AFTER CONCRETE POUR.
4. ALL CONCRETE BLOCKING SHALL BE POURED IN PLACE WITHOUT DIRECT CONTACT TO THE PIPE OR FITTINGS. SOME PROTECTIVE MATERIAL SUCH AS TAR PAPER SHALL BE PLACED BETWEEN THE CONCRETE AND PIPE OR FITTING.
5. CONCRETE FOR ALL BLOCKING SHALL HAVE A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 2,300 P.S.I.
6. CONCRETE BLOCKING FOR VERTICAL BENDS SHALL BE PER APWA STD. PLAN NO. 74.



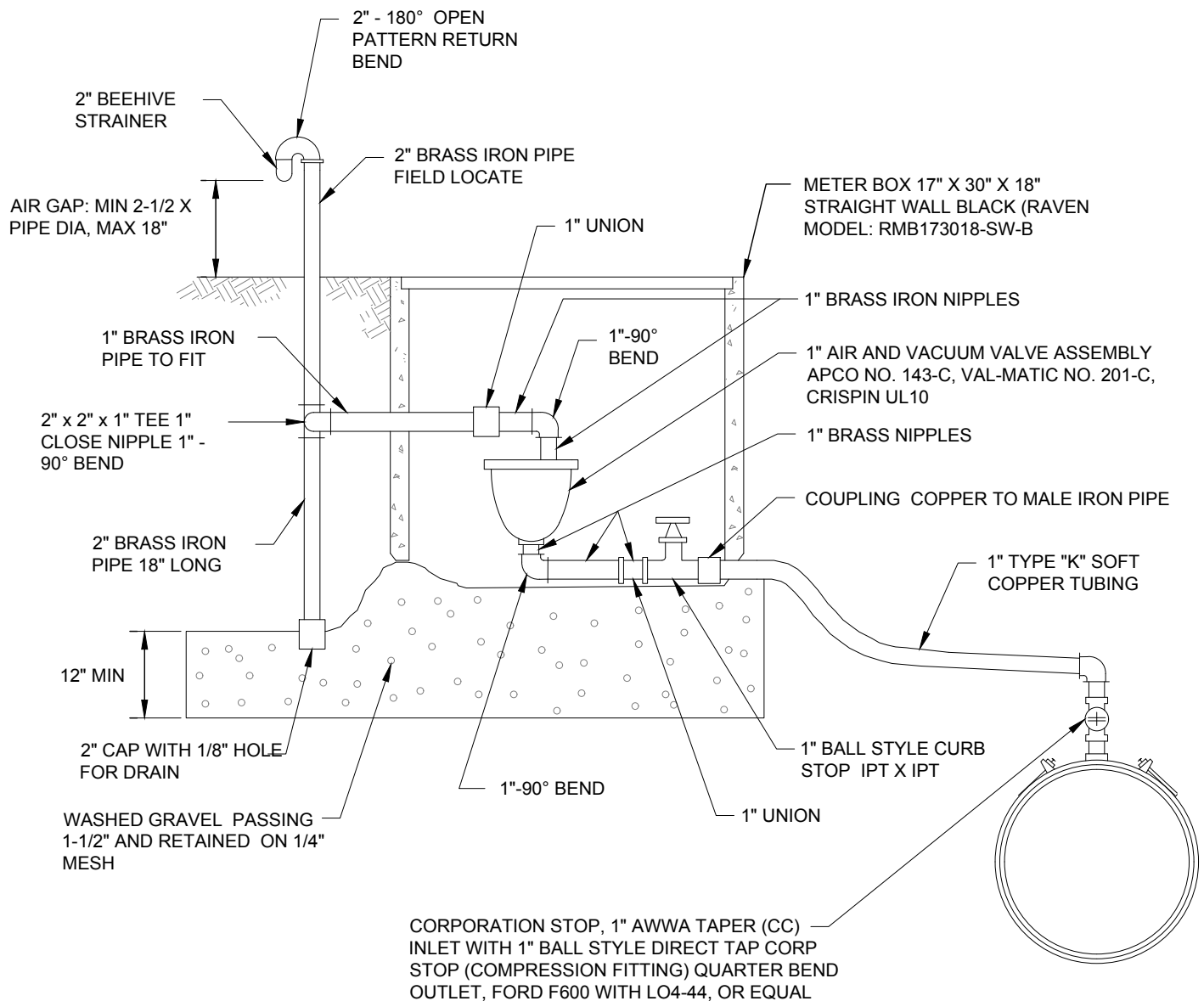
THRUST BLOCK

DRAWING NO. **W09**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

106



NOTES:

1. ALL FITTINGS TO BE BRASS OR COPPER FROM WATER MAIN TO 1" AIR & VACUUM ASSEMBLY.
2. AIR & VACUUM RELEASE VALVE ASSEMBLY MUST BE INSTALLED AT HIGHEST POINT OF LINE. IF HIGH POINT FALLS IN A LOCATION WHERE ASSEMBLY CANNOT BE INSTALLED, PROVIDE ADDITIONAL DEPTH OF LINE TO CREATE HIGH POINT AT A LOCATION WHERE ASSEMBLY CAN BE INSTALLED.



COMBINATION AIR RELEASE VALVE

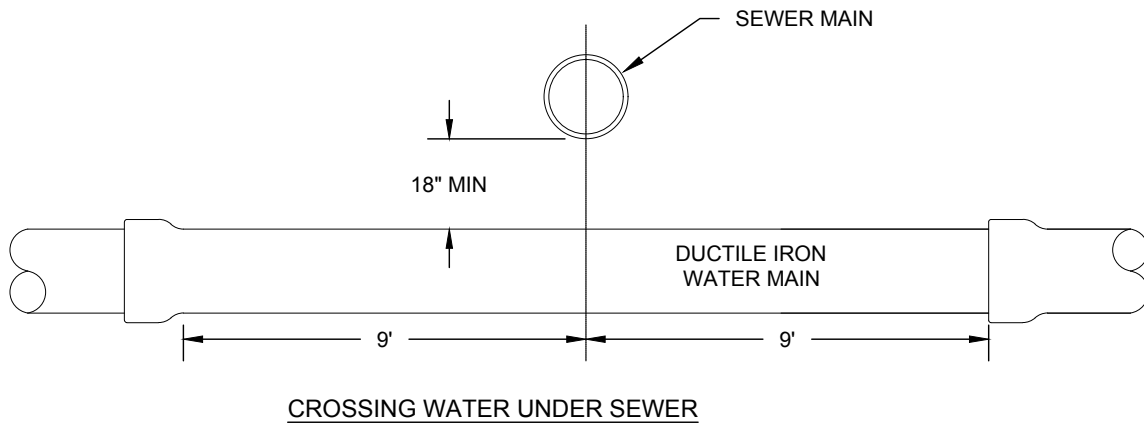
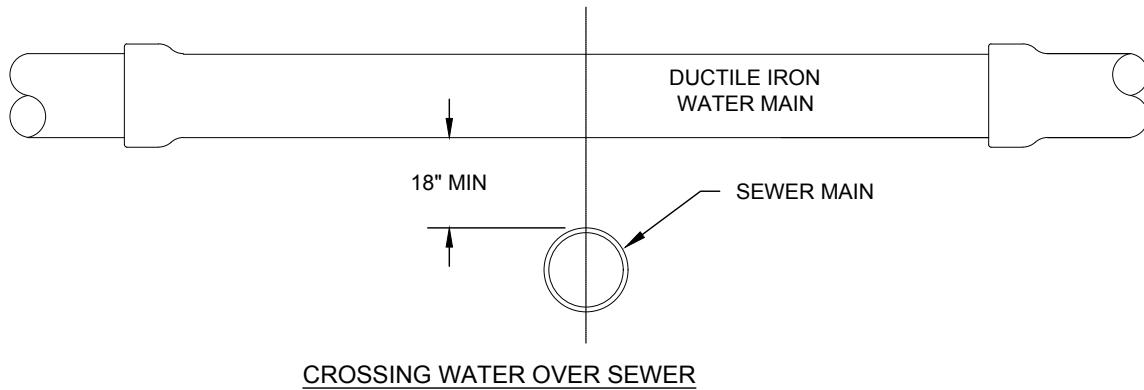
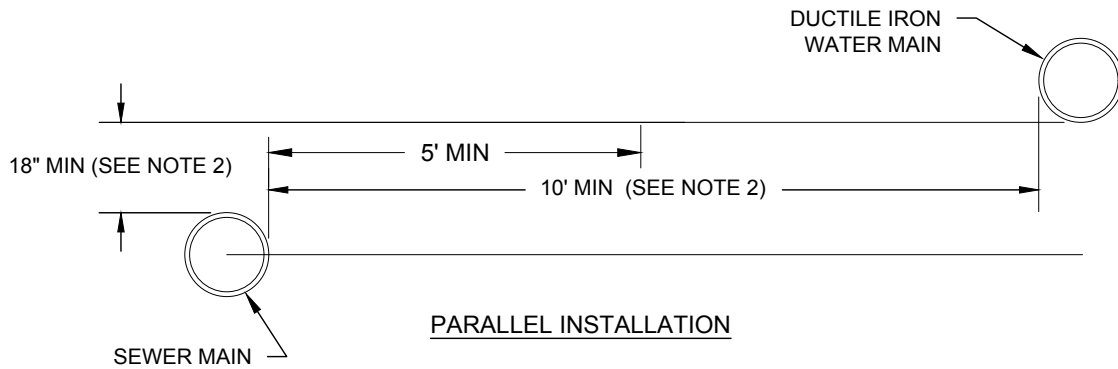
DRAWING NO. **W10**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

107



NOTES:

1. EXCEPTIONS SHALL BE APPROVED BY THE CITY OF STEVENSON IN WRITING.
2. WHERE MINIMUM CLEARANCES CANNOT BE MET, THE SEWER MAIN SHALL BE PLACED IN SEPARATE TRENCHES AND CONSTRUCTED OF MATERIAL EQUIVALENT TO THE CITY OF STEVENSON WATER MAIN STANDARDS, INCLUDING PRESSURE TESTING. ADEQUATE RESTRAINT SHALL BE PROVIDED TO ALLOW TESTING TO OCCUR.
3. ALL SEWER CROSSINGS OVER OR UNDER WATER MAINS SHALL MAXIMIZE THE JOINT SEPARATION BY USING THE LONGEST STANDARD LENGTH PIPE AVAILABLE FROM THE MANUFACTURER FOR BOTH THE WATER AND SEWER MAINS. BOTH PIPES SHALL BE CENTERED AT THE POINT OF CROSSING.
4. ALL SEWER CROSSING OVER WATER MAINS SHALL BE CONSTRUCTED OF MATERIALS EQUIVALENT TO THE CITY OF STEVENSON WATER MAIN STANDARDS, INCLUDING PRESSURE TESTING.



WATER AND SEWER SPACING

DRAWING NO. **W11**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

108

GENERAL BACKFLOW NOTES

1. ALL BACKFLOW PREVENTION DEVICES SHALL BE WASHINGTON STATE APPROVED.
2. FIRE SPRINKLER AND IRRIGATION SYSTEMS SHALL BE ISOLATED WITH BACKFLOW PROTECTION.
3. COMMERCIAL, INDUSTRIAL AND MULTI-FAMILY DEVELOPMENTS SHALL BE ISOLATED WITH BACKFLOW PROTECTION. FURTHER BACKFLOW PREVENTION MAY BE REQUIRED DEPENDING ON WATER USAGE (I.E. BOILERS, CHILLERS, CHEMICAL ADDITION, BOOSTER PUMPS, WELLS, MEDICAL EQUIPMENT, SODA POP MACHINES, ETC).
4. BACKFLOW DEVICES SHALL BE PROTECTED FROM FREEZING.
5. HOSEBIBS SHALL BE PROTECTED WITH VACUUM BREAKERS.
6. IF CHEMICALS ARE ADDED TO THE FIRE PROTECTION SYSTEM, A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER IS REQUIRED.
7. AN APPROVED AIR GAP OR REDUCED PRESSURE BACKFLOW ASSEMBLY IS REQUIRED FOR SERVICE CONNECTIONS AND FIRE PROTECTION SYSTEMS ON A SITE WITH ACCESS TO AN UNAPPROVED AUXILIARY WATER SUPPLY CONNECTED TO A PIPING SYSTEM, WHETHER OR NOT AN INTERCONNECTION EXISTS BETWEEN THE UNAPPROVED AUXILIARY WATER SUPPLY AND CITY WATER SYSTEM.
8. DOUBLE CHECK ASSEMBLIES 2-1/2" AND LARGER SHALL BE INSTALLED IN AN APPROVED VAULT. SEE DETAIL W14 FOR VAULT REQUIREMENTS.
9. REDUCED PRESSURE ASSEMBLIES SHALL BE INSTALLED OUTSIDE ABOVE GROUND. SEE DETAILS W15 AND W16.
10. BACKFLOW PREVENTION ASSEMBLY VAULTS SHALL BE INSTALLED AT THE CUSTOMER'S SIDE OF THE EASEMENT OR PROPERTY LINE. SEE DETAIL W18. ALTERNATE LOCATIONS MAY BE APPROVED BY THE CITY OF STEVENSON IF REQUESTED IN WRITING PRIOR TO INSTALLATION.
11. IF A BACKFLOW PREVENTION ASSEMBLY IS INSTALLED IN A VAULT, ADEQUATE DRAINAGE SHALL BE PROVIDED. NO PART OF THE BACKFLOW PREVENTION ASSEMBLY SHALL BE SUBMERGED IN WATER OR INSTALLED IN A LOCATION SUBJECT TO FLOODING.
12. FIRE PROTECTION SERVICES FOR COMMERCIAL, INDUSTRIAL AND MULTI-FAMILY DEVELOPMENTS SHALL BE CONSTRUCTED TO CITY OF STEVENSON PUBLIC MAIN CONSTRUCTION STANDARDS UP TO THE BACKFLOW DEVICE AND SHALL HAVE A RESILIENT SEATED WEDGE GATE VALVE AT THE PUBLIC MAIN.
13. BACKFLOW PREVENTION DEVICES SHALL BE TESTED AFTER INSTALLATION AND PRIOR TO ACCEPTANCE, ALSO YEARLY THEREAFTER BY A CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS SHALL BE SENT TO THE CITY OF STEVENSON.



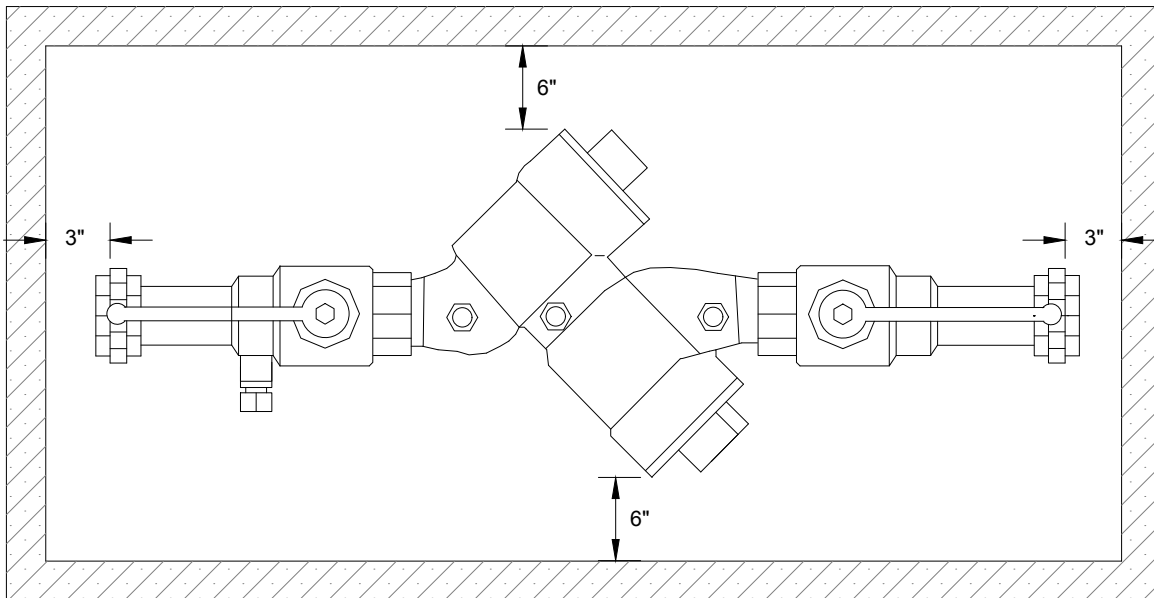
GENERAL BACKFLOW NOTES

DRAWING NO. **W12**

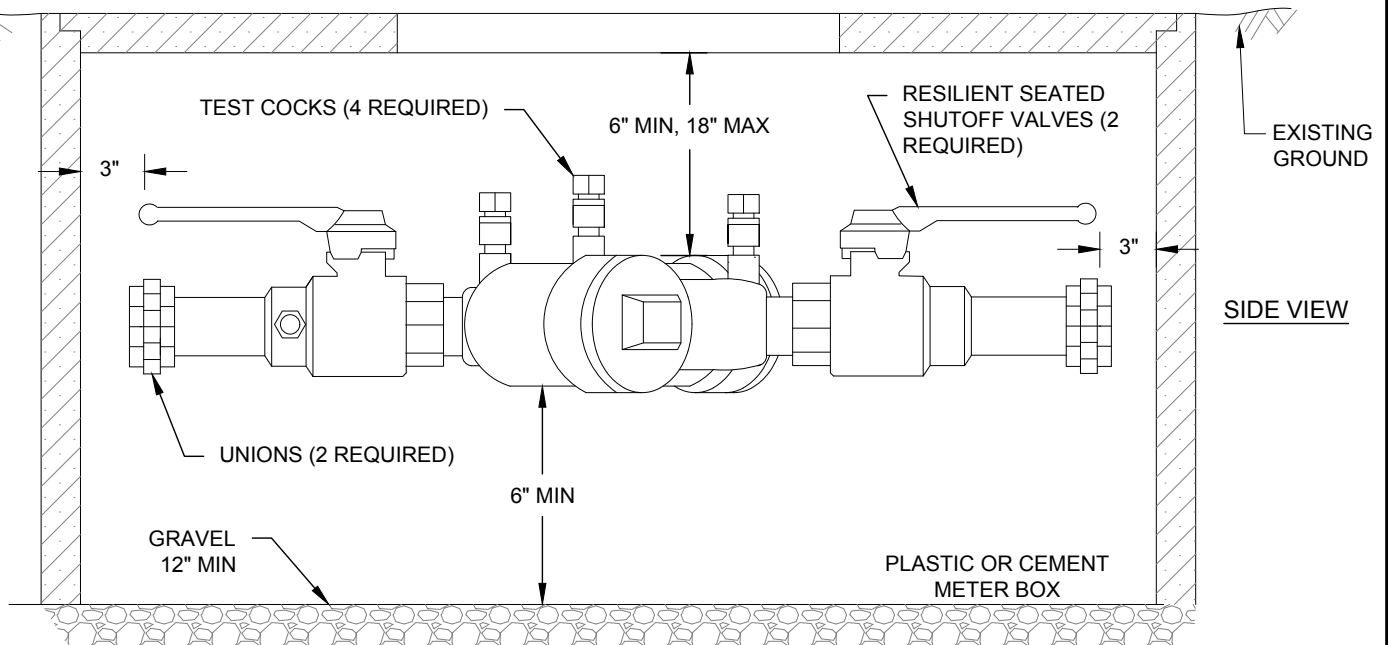
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

109



TOP VIEW



SIDE VIEW

(BELOW GROUND INSTALLATION)

NOTES:

1. APPROVED DOUBLE CHECK VALVE ASSEMBLY TO LAY HORIZONTAL WITH GROUND. - DESIGNED FOR BACK SIPHONAGE AND BACK PRESSURE.
2. TEST COCKS TO EITHER FACE OUTWARDS OR UPWARDS FROM ASSEMBLY. - THOROUGHLY FLUSH LINES PRIOR TO INSTALLATION OF BACKFLOW PREVENTER. INSTALL SO DATA PLATE & S/N ARE READABLE.
3. THE DCVA MAY BE INSTALLED ABOVE OR BELOW THE GROUND PROVIDED ALL CLEARANCES ARE MET - DO NOT INSTALL IN AN AREA SUBJECT TO FLOODING.
4. MUST BE PROTECTED FROM FREEZING CONDITIONS.
5. THE BACKFLOW ASSEMBLY SHALL BE A STATE APPROVED MODEL.
6. A PLUMBING PERMIT IS REQUIRED, PLEASE CONTACT YOUR LOCAL PLUMBING PERMIT CENTER.
7. MUST BE TESTED AFTER INSTALLATION AND YEARLY THEREAFTER BY A WASHINGTON STATE CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS SHALL BE SUBMITTED TO THE CITY UPON COMPLETION.



DOUBLE CHECK VALVE ASSEMBLY 2" AND SMALLER

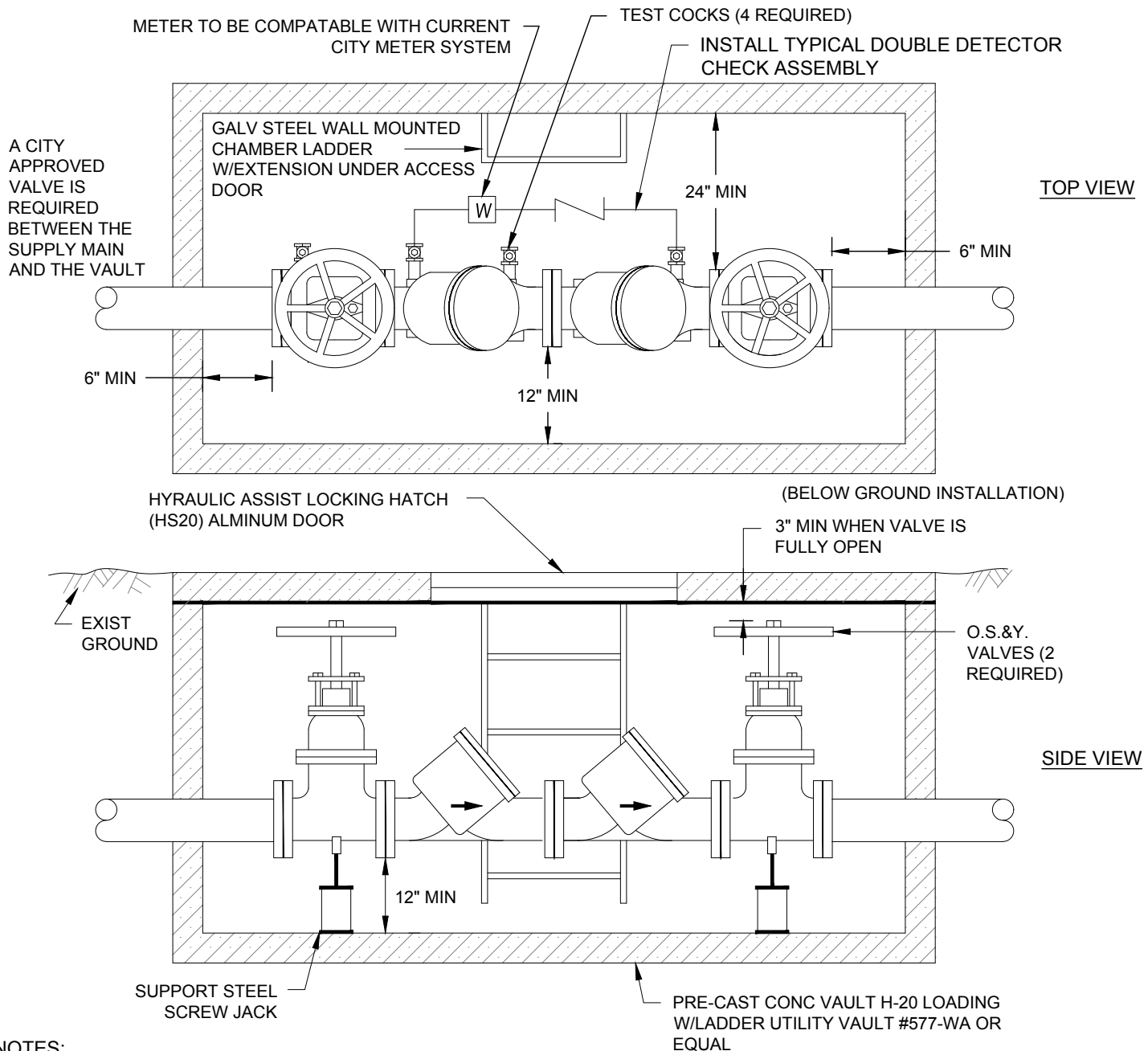
DRAWING NO. **W13**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

110



NOTES:

1. APPROVED DOUBLE CHECK VALVE ASSEMBLY TO LAY HORIZONTAL WITH THE GROUND. DESIGNED FOR BACK SIPHONAGE AND BACK PRESSURE.
2. THE WATER LINE SHALL BE DISINFECTED, FLUSHED, AND PRESSURE TESTED PRIOR TO INSTALLING THE BACKFLOW ASSEMBLY. THE BACKFLOW ASSEMBLY SHALL BE PROTECTED FROM FREEZING AND FLOODING.
3. THE DCVA MAY BE INSTALLED ABOVE OR BELOW GROUND PROVIDED ALL CLEARANCES ARE MET.
4. ALL PIPE, VALVE, AND FITTING JOINTS, FROM THE SUPPLY MAIN, SHALL BE FLANGED AND RESTRAINED.
5. FIRE DEPT. CONNECTION SHALL NOT EXIT THROUGH THE TOP OF THE VAULT.
6. LINK SEAL PIPE ENTRANCE/EXIT.
7. ALL VAULTS SHALL BE PRE-APPROVED PRIOR TO INSALLATION.
8. VAULTS SHALL BE INSTALLED AT PROPERTY LINE OR EASEMENT LINE AND ON OWNERS PROPERTY.
9. VAULTS SHALL HAVE A MINIMUM OF 3' CLEARANCE FROM ALL STRUCTURES.
10. THE BACKFLOW ASSEMBLY SHALL BE TESTED AFTER INSTALLATION AND PRIOR TO ACCEPTANCE AND ALSO YEARLY THEREAFTER BY A WASH. STATE CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS SHALL BE SUBMITTED TO THE CITY UPON COMPLETION.



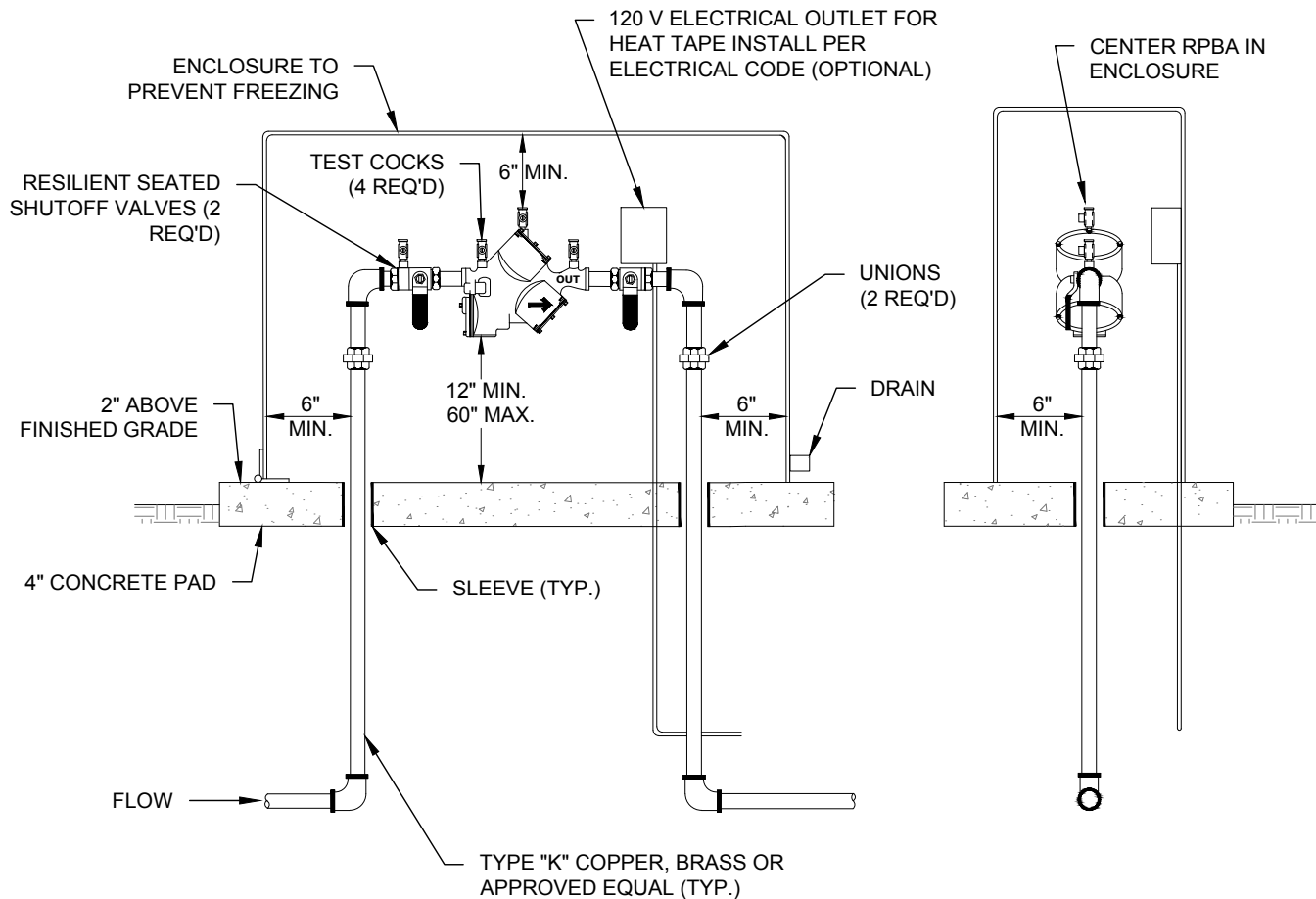
**DOUBLE CHECK VALVE ASSEMBLY
2 1/2" & LARGER**

DRAWING NO. **W14**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

111



NOTES:

1. APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY (RPBA) TO LAY HORIZONTAL WITH GROUND. (VERTICAL ALLOWED IF APPROVED BY WA. DEPT. OF HEALTH)
2. DESIGN RPBA FOR BACK SIPHONAGE AND BACK PRESSURE.
3. THOROUGHLY FLUSH LINES PRIOR TO INSTALLATION OF BACKFLOW PREVENTER.
4. DO NOT INSTALL IN AN AREA SUBJECT TO FLOODING.
5. RPBA MUST BE ACCESSIBLE.
6. PROTECT RPBA FROM FREEZING.
7. A PLUMBING PERMIT IS REQUIRED-CONTACT THE APPROPRIATE JURISDICTION'S PERMITS COUNTER
8. RPBA MUST BE TESTED AFTER INSTALLATION, THEN ANNUALLY BY A WA. STATE CERTIFIED BACKFLOW TESTER. TEST RESULTS SHALL BE SUBMITTED TO THE CITY UPON COMPLETION.
9. RPBA SHALL BE APPROVED BY THE STATE OF WASHINGTON.
10. DRAIN SHALL BE SIZED PER THE AWWA CROSS CONNECTION CONTROL MANUAL
11. RPBA MUST BE RETESTED IF MOVED OR REPAIRED
12. AS OF JANUARY 4, 2014 ALL NEWLY INSTALLED FITTINGS IN CONTACT WITH WATER SHALL BE IN COMPLIANCE WITH THE REVISED SECTION 1417 OF THE EPA SAFE WATER DRINKING ACT AND CERTIFIED LEAD FREE USING NSF 372 STANDARDS.

(ABOVE GROUND INSTALLATION ONLY)



RPBA FOR DOMESTIC AND IRRIGATION - 2" AND SMALLER

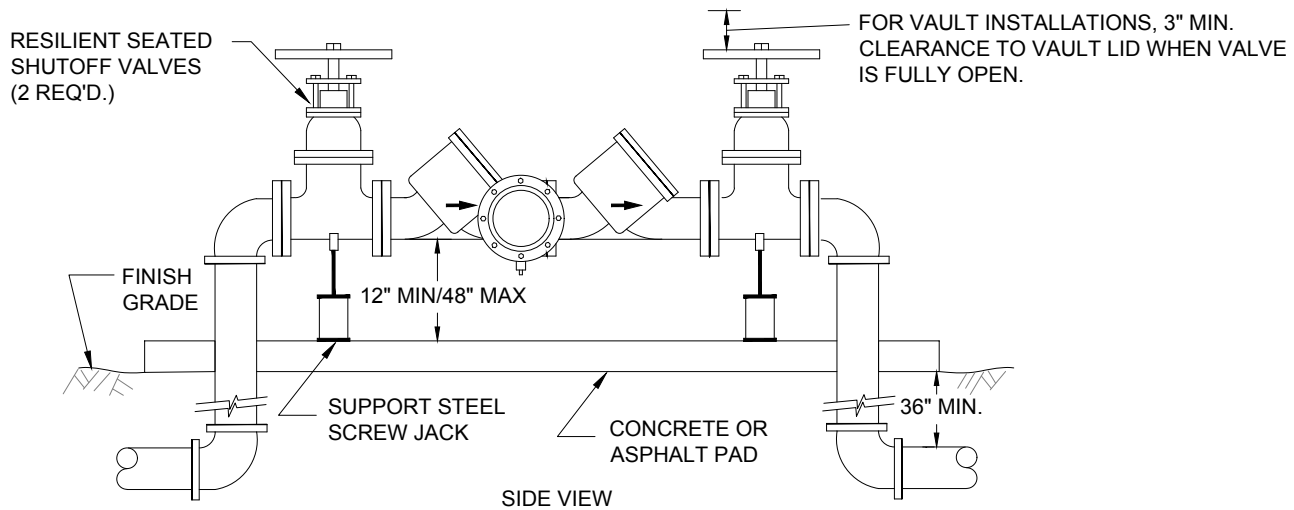
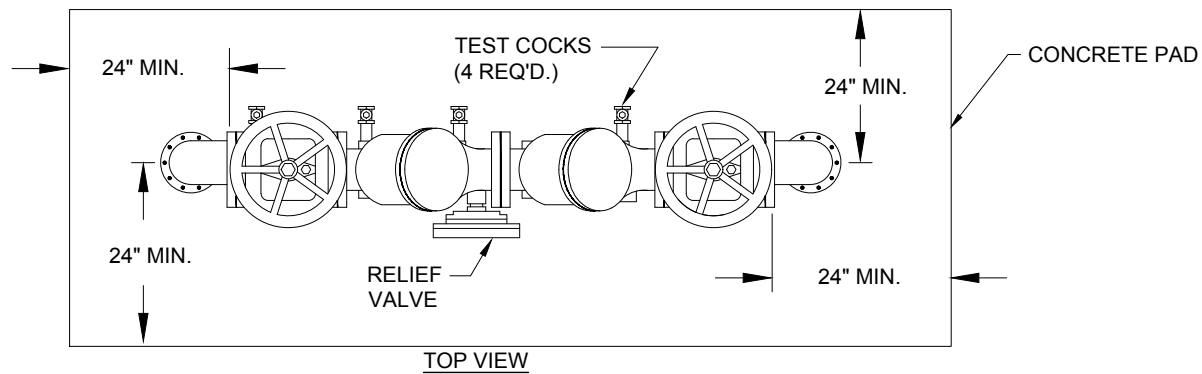
DRAWING NO. **W15**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

112



NOTE:
A CITY APPROVED VALVE IS REQ'D.
BETWEEN THE SUPPLY MAIN AND
THE R.P.B.A.

NOTE:
PROVIDE HEAT
AND/OR INSULATION

NOTES:

1. APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY (RPBA) TO LAY HORIZONTAL ONLY. (VERTICAL IF APPROVED BY DEPT. OF HEALTH)
2. DESIGNED FOR BACK SIPHONAGE AND BACK PRESSURE.
3. THE WATER LINE SHALL BE DISINFECTED, FLUSHED AND PRESSURE TESTED PRIOR TO INSTALLING THE RPBA. THE RPBA SHALL BE PROTECTED FROM FREEZING AND FLOODING.
4. ALL UNDERGROUND PIPE, VALVES AND FITTING JOINTS SHALL BE RESTRAINED FROM THE SUPPLY MAIN. ALL ABOVE GROUND JOINTS SHALL BE FLANGED.
5. GROUT PIPE ENTRANCE AND EXIT IN VAULT, WITH WATERTIGHT GROUT.
6. ALL ENCLOSURES SHALL BE PRE-APPROVED PRIOR TO INSTALLATION.
7. RPBA SHALL BE INSTALLED AT PROPERTY LINE OR EASEMENT LINE AND ON OWNER'S PROPERTY.
8. ADEQUATE GRAVITY DRAINAGE SYSTEM REQUIRED WITH APPROVED AIR GAP.
9. MINIMUM 24" CLEARANCE ON ALL SIDES AROUND RPBA.
10. RPBA MUST BE TESTED AFTER INSTALLATION, THEN ANNUALLY BY A WA. STATE CERTIFIED BACKFLOW TESTER. TEST RESULTS SHALL BE SUBMITTED TO THE CITY UPON COMPLETION.
11. HEAT AND/OR INSULATION SHALL BE PROVIDED TO PREVENT FREEZING
(ABOVE GROUND INSTALLATIONS ONLY)



REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY 2 1/2" & LARGER

DRAWING NO. **W16**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

113

CITY WATER MAIN

CURB LINE

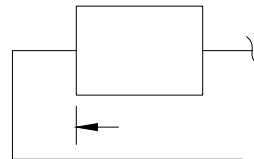
WATER METER
LOCATIONS PER
STANDARD DETAIL
W02 AND W03

PROPERTY LINE OR EASEMENT LINE

SIDEWALK

12"

IRRIGATION
DEDUCT
METER



BACKFLOW
DEVICE, IF
REQUIRED

TO BLDG

NOTES:

1. THE CITY DOES NOT READ DEDUCT METERS
2. SEE STANDARD BACKFLOW NOTES DETAIL W12.



STANDARD DEDUCT METER & BACKFLOW
LOCATION

DRAWING NO. **W17**

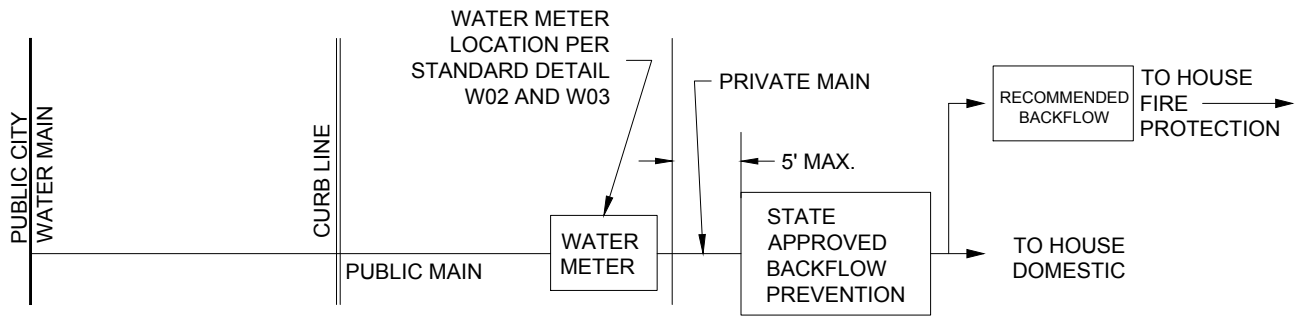
DATE **AUG '25**

SCALE **NTS**

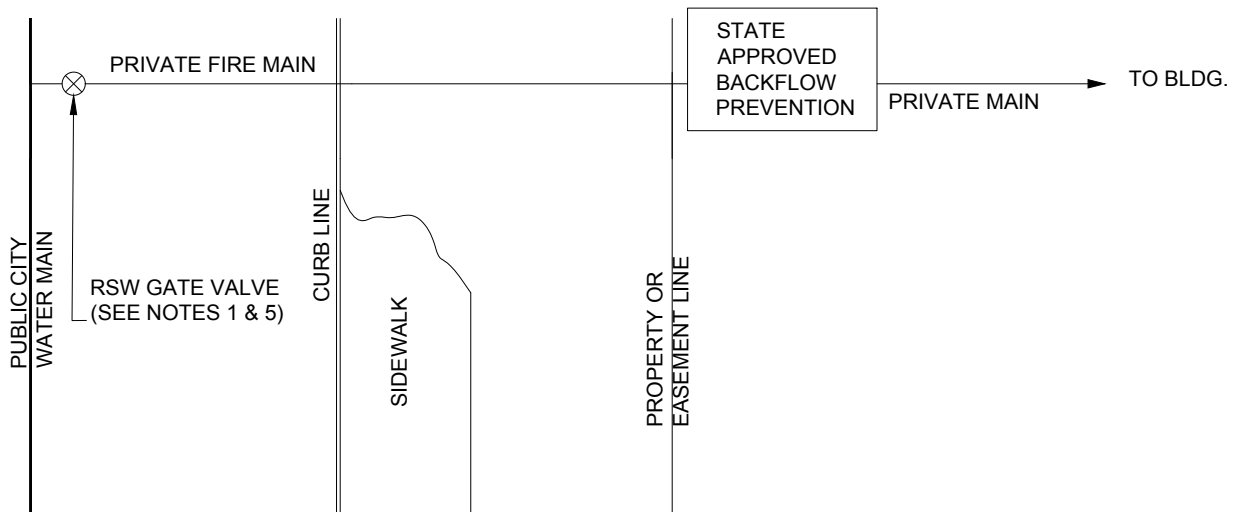
APPROVED BY **CR**

114

SINGLE FAMILY FIRE PREVENTION INSTALLATION



COMMERCIAL/MULTI-FAMILY BACKFLOW PREVENTION INSTALLATION



NOTES:

1. ALL STAND ALONE FIRE PROTECTION SERVICES (F.P.S.) SHALL HAVE A 4" OR LARGER IRON BODY GATE VALVE. VALVES SHALL BE LOCATED AT THE CONNECTION TO THE WATER MAIN.
2. FIRE PROTECTION SERVICES 2" AND SMALLER SHALL BE TYPE "K" COPPER AND F.P.S. LARGER THAN 2" SHALL BE 4" OR LARGER DUCTILE IRON PIPE.
3. ALL BACKFLOW DEVICES SHALL BE PER APPROVED PLAN.
4. ALL COMMERCIAL FIRE PROTECTION SERVICES SHALL BE PRIVATELY OWNED AND MAINTAINED DOWNSTREAM OF THE ROW OR EASEMENT.
5. REQUESTS FOR EXCEPTIONS TO THESE REQUIREMENTS SHALL BE SUBMITTED IN WRITING TO THE CITY OF STEVENSON WITH THE PLAN REVIEW.
6. ALL BACKFLOW DEVICES ARE PRIVATELY OWNED, TESTED AND MAINTAINED.
7. SINGLE FAMILY WATER METERS SHALL BE SIZED TO MEET THE REQUIRED FIRE FLOW, AS APPLICABLE.
8. ALL FIRE PROTECTION SERVICES, EXCEPT SINGLE FAMILY APPLICATIONS, SHALL BE TAPPED SEPARATELY FROM ALL DOMESTIC SERVICES AND FIRE HYDRANT LEADS.



FIRE PROTECTION BACKFLOW LOCATION

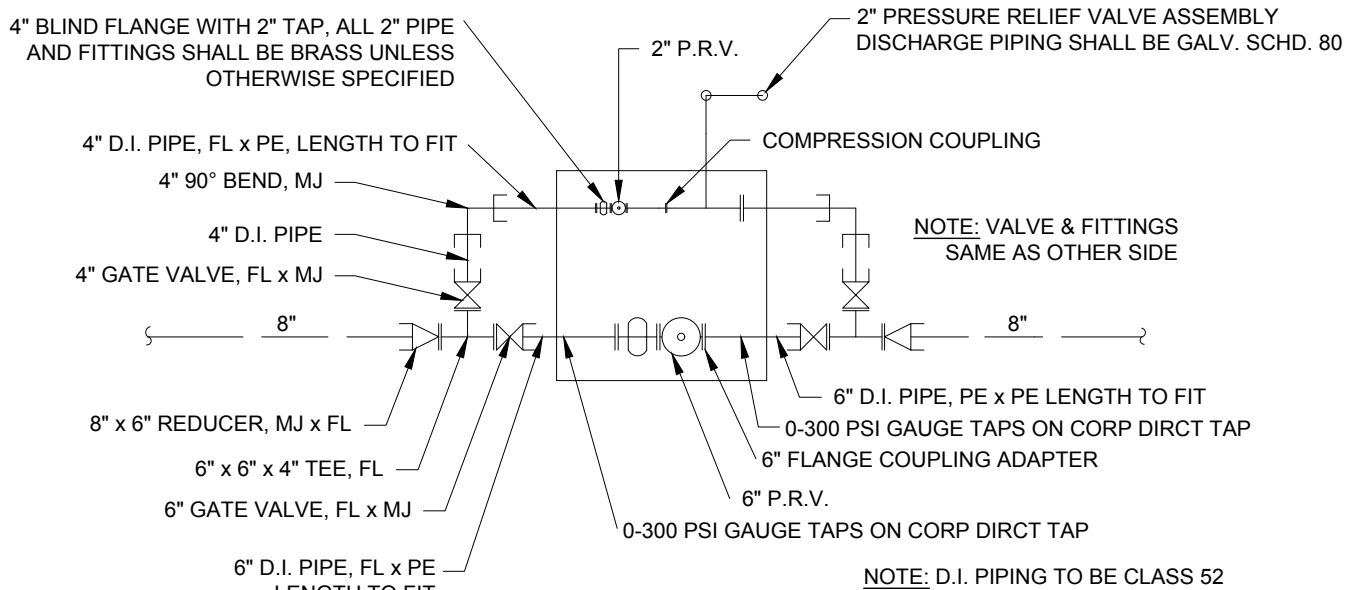
DRAWING NO. **W18**

DATE **AUG '25**

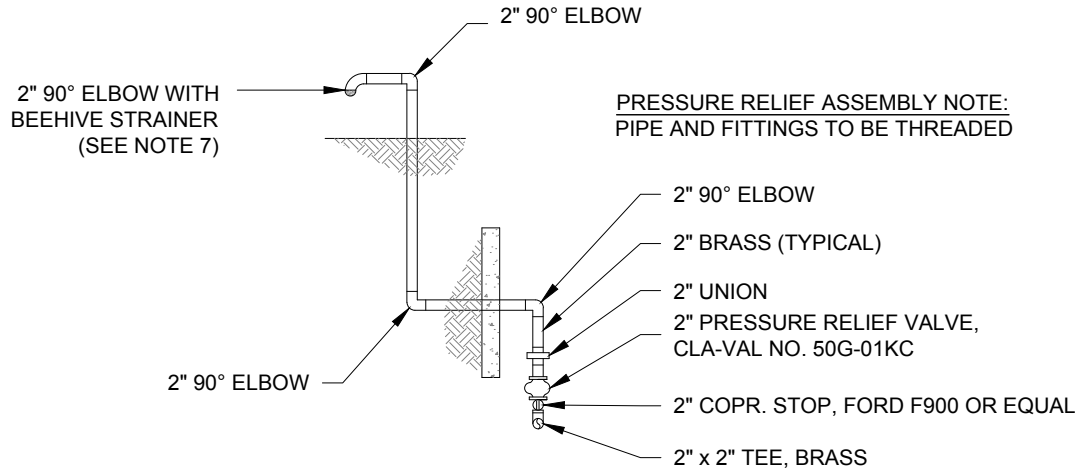
SCALE **NTS**

APPROVED BY **CR**

115



TYPICAL P.R.V.



2" PRESSURE RELIEF ASSEMBLY

NOTES

1. SIZING OF VALVES WILL BE MODIFIED FOR OTHER SIZES OF PIPE.
2. GALVANIZED LADDER TO BE SECURED TO VAULT PER STD. DTL.
3. ALL P.R.V.'s SHALL HAVE OPENING/CLOSING SPEED CONTROLS, EPOXY COATED BODY AND VALVE POSITION INDICATOR, CLA-VAL X101.
4. PILOT CONTROLS SHALL BE ON SIDE OF P.R.V. FACING INTERIOR OF VAULT TO PROVIDE EASY ACCESS.
5. ALL 90G MODEL CLA-VAL P.R.V.'s 3" AND SMALLER SHALL BE EQUIPPED WITH STAINLESS STEEL TRIM (SEAT, STEM, & COVER BEARING).
6. SEAL ALL PIPE PENETRATIONS THROUGH VAULT WITH LINK SEAL.
7. PRESSURE RELIEF DISCHARGE DOWNSPOUT SHALL DIRECT WATER TOWARDS CENTER OF INLET GRATE.



STANDARD PRESSURE REDUCING STATION -
MECH. DTLs.

DRAWING NO.	W19B	
DATE	AUG '25	SCALE NTS
APPROVED BY	CR	
		117

SINGLE-FAMILY CONSTRUCTION GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROCURE ALL APPLICABLE PERMITS, LICENSES, AND CERTIFICATES RELATIVE TO THE TRADES TO COMPLETE THE PROJECT AND FOR THE USE OF SUCH WORK WHEN COMPLETED. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL PERMITS ISSUED AND EASEMENTS GRANTED. COMPLIANCE SHALL BE AT ALL LEVELS, FEDERAL, STATE, COUNTY, AND CITY, RELATING TO THE PERFORMANCE OF THE WORK.
2. THE CONTRACTOR SHALL VERIFY THAT ALL NECESSARY OFF-SITE UTILITY EASEMENTS HAVE BEEN OBTAINED PRIOR TO THE COMMENCEMENT OF THE OFF-SITE CONSTRUCTION.
3. THE CITY MAY TEMPORARILY SUSPEND THE WORK OR REQUIRE ADDITIONAL PROTECTION MEASURES IF IT APPEARS, BASED UPON OBSERVED CONDITIONS OF THE PROJECT, THAT THE APPROVED PLAN IS INSUFFICIENT TO PREVENT ENVIRONMENTAL HARM, AND THAT SUCH SUSPENSION OR ADDITIONAL MEASURES WILL PREVENT OR MINIMIZE SUCH HARM.
4. CONSTRUCTION NOISE SHALL BE LIMITED IN ACCORDANCE WITH THE CITY OF STEVENSON NOISE CONTROL ORDINANCE 8.08; NORMALLY, THIS IS 7 A.M. TO 10 P.M., SEVEN DAYS A WEEK.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBSERVING THE SAFETY OF THE WORK AND OF ALL PERSONS AND PROPERTY COMING INTO CONTACT WITH THE WORK. THE CONTRACTOR SHALL CONDUCT HIS WORK IN SUCH A MANNER AS TO COMPLY WITH ALL THE REQUIREMENTS PRESCRIBED BY OSHA/WSHA. THE CITY PROJECT INSPECTOR'S ROLE IS NOT ONE OF SUPERVISION OR SAFETY MANAGEMENT, BUT IS ONE OF OBSERVATION ONLY. NOTHING HEREIN SHALL BE INTERPRETED TO OBLIGATE THE CITY TO ACT IN ANY SITUATION, NOR SHIFT THE OWNER'S RESPONSIBILITY FOR SAFETY COMPLIANCE TO THE CITY. NO RESPONSIBILITY FOR THE SAFETY OF THE WORK OR FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES SHALL ATTACH TO THE CITY BY VIRTUE OF ITS ACTION OR INACTION UNDER THIS SECTION.
6. IF ANY WELLS OR SEPTIC TANKS EXIST ON-SITE, THEY SHALL BE ABANDONED IN ACCORDANCE WITH THE APPLICABLE CODES AND REQUIREMENTS. WRITTEN VERIFICATION OF ABANDONMENT SHALL BE PROVIDED TO THE SKAMANIA COUNTY HEALTH DEPARTMENT, WASHINGTON DEPARTMENT OF ECOLOGY, AND THE CITY OF STEVENSON.
7. IF ANY CULTURAL RESOURCES AND/OR HUMAN REMAINS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA AND CITY OF STEVENSON COMMUNITY DEVELOPMENT. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND/OR FINES.
8. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION WITHIN CITY RIGHT-OF-WAY. INSIDE THE CITY THIS PLAN SHALL BE APPROVED BY THE CITY OF STEVENSON PUBLIC WORKS DEPARTMENT (509) 427-5970. OUTSIDE THE CITY THE PLAN SHALL BE APPROVED BY SKAMANIA COUNTY OR WSDOT AS APPLICABLE. APPROVAL SHALL BE OBTAINED A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION. ROAD CLOSURE REQUESTS SHALL BE SUBMITTED A MINIMUM OF TWO (2) WEEKS BEFORE BEGINNING CONSTRUCTION.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL FIELD VERIFY THE LOCATIONS, INCLUDING THE INVERT AND TOP OF PIPE ELEVATIONS AT CROSSING LOCATIONS. THE CONTRACTOR SHALL DIG TEST HOLES OVER ALL EXISTING UTILITIES TO DETERMINE THEIR EXACT LOCATION. CALL 1-800-424-5555 FOR UTILITIES LOCATE A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
10. ROOF DOWN SPOUTS SHALL NOT DRAIN ONTO ANY PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE CITY OF STEVENSON ENGINEERING STANDARDS.
11. MAINTAIN A MINIMUM OF 5' HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN ALL EXISTING AND PROPOSED WATER AND SEWER SERVICE LINES.
12. WATER SERVICES FOR METERS SIZED ¾" TO 2" WILL BE PROVIDED AND SET BY THE CITY. PRIOR TO INSTALLATION OF THE WATER SERVICES, A REPRODUCIBLE COPY OF THE PLAT MAP SHALL BE PROVIDED INDICATING THE ADDRESS OF EACH LOT. NO WATER METERS WILL BE SET UNTIL THESE CONDITIONS ARE MET.
13. SEE STANDARD DETAIL SAN02 FOR SERVICE LATERAL CONNECTION.
14. SEE STANDARD DETAILS W02 AND W05 FOR WATER SERVICE CONNECTION.



SINGLE-FAMILY RESIDENTIAL GENERAL NOTES

1 OF 2

DRAWING NO. **R01A**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

118

15. ALL TRENCHES SHALL BE CLOSED AT THE END OF THE DAY WITH A WATERTIGHT PLUG PLACED IN THE END OF THE PIPE. UNATTENDED TRENCHES SHALL BE CLOSED IN THE SAME FASHION.
16. NO EXCAVATED MATERIAL IS TO BE PLACED WITHIN CITY RIGHT-OF-WAY WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY OF STEVENSON.
17. WITHIN CITY RIGHT-OF-WAY, INSTALL ALL PIPE IN ACCORDANCE WITH THE CITY OF STEVENSON STANDARD DETAILS FOR PIPE BEDDING AND BACKFILL G04, G05, G06 AND G07.
18. PAVEMENT RESTORATION SHALL CONFORM TO THE CITY OF STEVENSON STANDARD DETAILS G06A AND G06B.
19. WATER BACKFLOW DEVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF STEVENSON STANDARD DETAILS W12 THRU W16.



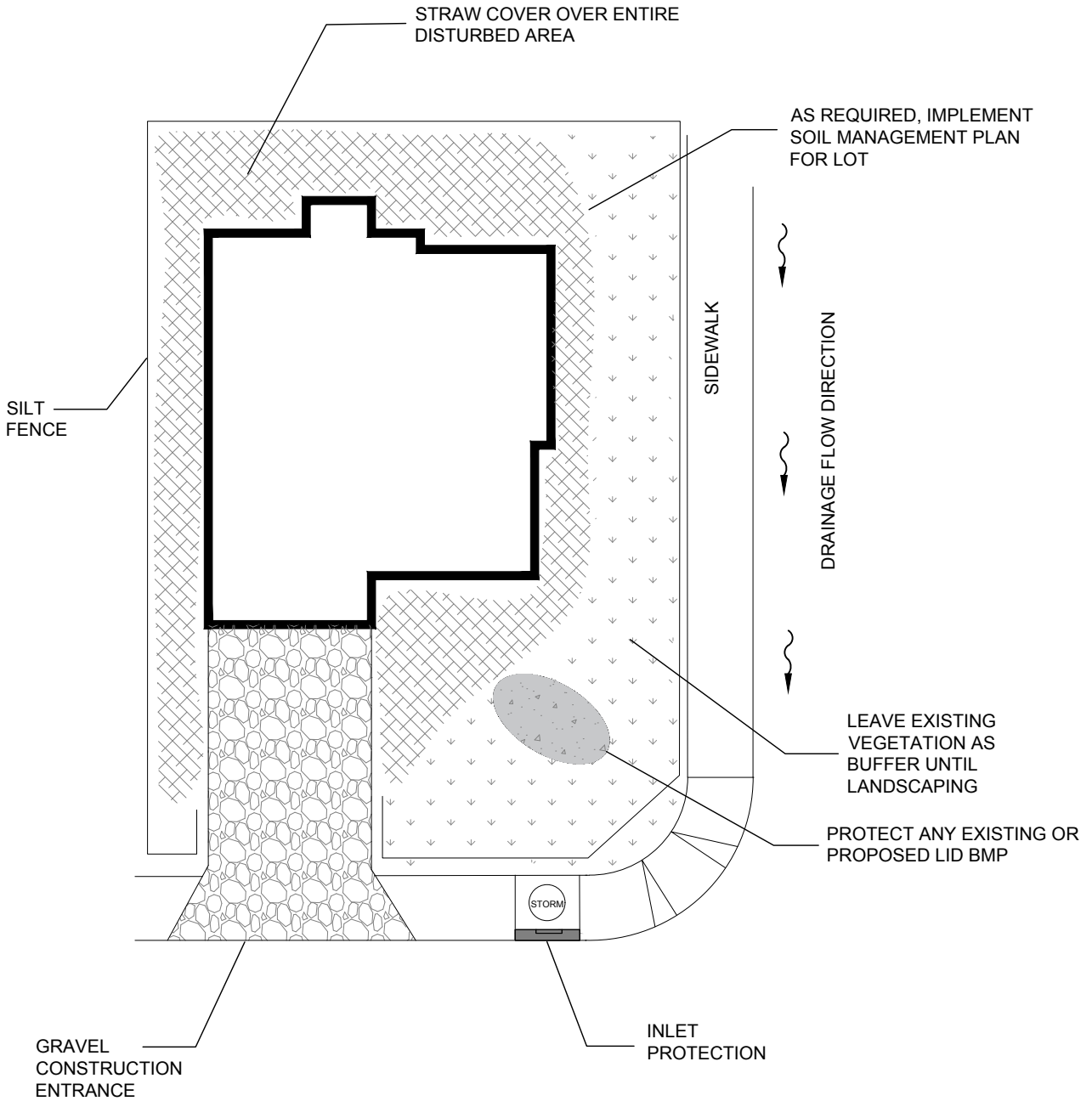
SINGLE-FAMILY RESIDENTIAL GENERAL NOTES
2 OF 2

DRAWING NO. **R01B**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

119



NOTES:

1. BMP LOCATIONS, TYPES AND FREQUENCY MAY BE ADJUSTED TO FIT SITE CONDITIONS. SEE NOTE 2 ON R03.
2. ALL TEMPORARY EROSION CONTROL BMPS AND DEVICES SHALL BE REMOVED AT THE END OF CONSTRUCTION.



SINGLE FAMILY EROSION PREVENTION PLAN

DRAWING NO. **R02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

120

SINGLE-FAMILY RESIDENTIAL EROSION CONTROL NOTES

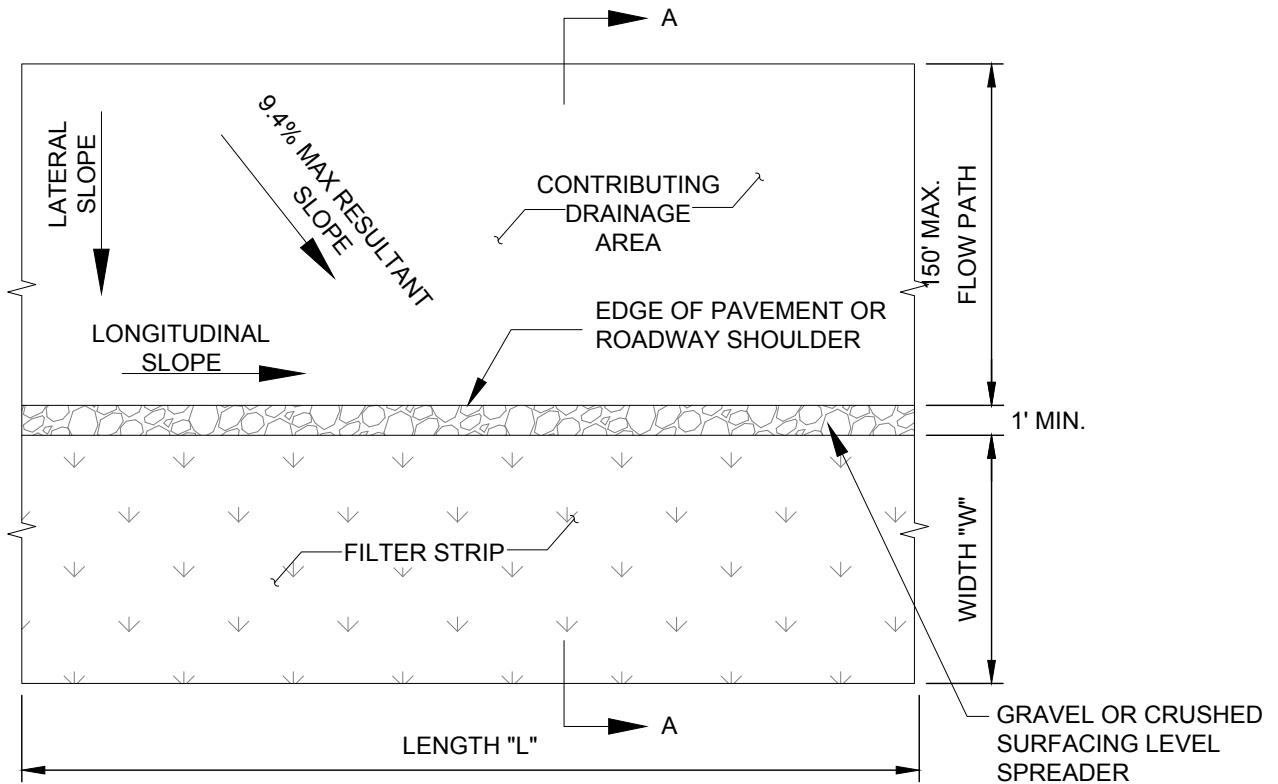
THE FOLLOWING BMP'S ARE REQUIRED ON ALL SINGLE-FAMILY RESIDENTIAL PROJECTS UNLESS IT CAN BE SHOWN, AND IS APPROVED BY THE CITY OF STEVENSON IN WRITING, THAT IT IS NOT NECESSARY:

1. A GRAVEL CONSTRUCTION ENTRANCE PER CITY OF STEVENSON STANDARD DETAIL E03 CONSTRUCTION ENTRANCE SHALL BE PLACED FROM THE CURB TO THE STRUCTURE PRIOR TO POURING THE FOUNDATION. THE ROCK MUST EXTEND THE FULL WIDTH OF THE INGRESS/EGRESS AREA (MIN. 20'). THE CONSTRUCTION ENTRANCE SHALL BE KEPT FREE OF EXCESSIVE MUD AND SHALL BE REPAIRED TO GOOD WORKING CONDITION AS NEEDED. IF IT IS DISCOVERED THAT THE CONSTRUCTION ENTRANCE IS BEING CIRCUMVENTED, CONSTRUCTION FENCING WILL BE IMMEDIATELY REQUIRED AROUND THE ENTIRE PROPERTY PERIMETER.
2. SILT FENCE PER CITY OF STEVENSON STANDARD DETAIL E06 SHALL BE INSTALLED ON THE ENTIRE FRONTAGE OF ALL IMPERVIOUS SURFACES, AT ANY PROPERTY LINE COMMON WITH AN ALREADY DEVELOPED PROPERTY, AT ANY PROPERTY LINE ADJACENT TO A STORMWATER FACILITY, AND AT ANY PROPERTY LINE WHERE THERE ARE STEEP SLOPES AND/OR CRITICAL AREAS. THE CORRECTLY INSTALLED SILT FENCE SHALL "J-HOOK" AT THE ENDS. THE PURPOSE OF THIS FENCE IS TO PROTECT NEIGHBORING PROPERTIES, CRITICAL AREAS AND RIGHTS-OF-WAY FROM SEDIMENT DEPOSITS, DELINEATE CLEARING LIMITS, AND TO CHANNEL ALL CONSTRUCTION TRAFFIC TO THE GRAVEL CONSTRUCTION AREA.
3. INLET PROTECTION MUST BE INSTALLED PER CITY OF STEVENSON STANDARD DETAILS E04 BIOFILTER BAGS OR E05 SILT SACK. INLET PROTECTION SHALL BE MAINTAINED UNTIL FINAL LANDSCAPING. THIS INCLUDES THE REMOVAL OF SEDIMENT BUILDUP IN FRONT OF THE INLET AND BMP REPLACEMENT AS NECESSARY.
4. NO DISCHARGE OF ANY KIND SHALL BE MADE TO A PAVED STREET OR STORMWATER COLLECTION SYSTEM.
5. DENUDED SOILS SHALL BE STABILIZED AS QUICKLY AS POSSIBLE AND SHALL BE EXPOSED NO MORE THAN 48 HOURS. ON STEEPER SLOPES, STRAW COVERING MAY NOT BE APPROVED AND A MORE ROBUST MEASURE MAY BE NEEDED. IF ALLOWED, THE STRAW COVERING SHALL BE THICK ENOUGH SO THAT NO BARE EARTH IS VISIBLE.
6. CONSIDER THE PLACEMENT OF STRAW WATTLES (CITY OF STEVENSON STANDARD DETAIL E08) BEHIND ADA CURBING AND AT DRIVEWAY DROPS DURING THE WET SEASON (OCTOBER 1ST TO APRIL 30TH). STRAW WATTLES CAN BE DRIVEN OVER WITH VEHICLES OR EQUIPMENT WHILE MAINTAINING SITE CONTAINMENT.
7. PROTECT EXISTING AND PROPOSED LID BMP'S FROM IMPACTS BY EROSION, COMPACTION, AND SEDIMENTATION. PREVENT COMPACTION OF AREAS PLANNED FOR LID BMP'S BY EXCLUDING CONSTRUCTION EQUIPMENT. AVOID UNNECESSARY FOOT TRAFFIC AND ALLOW NECESSARY FOOT TRAFFIC ONLY WHEN SOILS ARE NOT WET. HIGH VISIBILITY FENCING OR SILT FENCE MAY BE NECESSARY TO PROTECT LID BMP AREAS.
8. IN DEVELOPMENTS WHERE A BUILDER IS BUILDING MORE THAN ONE RESIDENCE, A CONCRETE WASHOUT SHALL BE INSTALLED AND MAINTAINED.
9. IF SPECIFIED BMP'S ARE UTILIZED BUT ARE INSUFFICIENT TO PREVENT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, OR PUBLIC RIGHTS-OF-WAY THEN ADDITIONAL BMP'S SHALL BE IMPLEMENTED IMMEDIATELY.

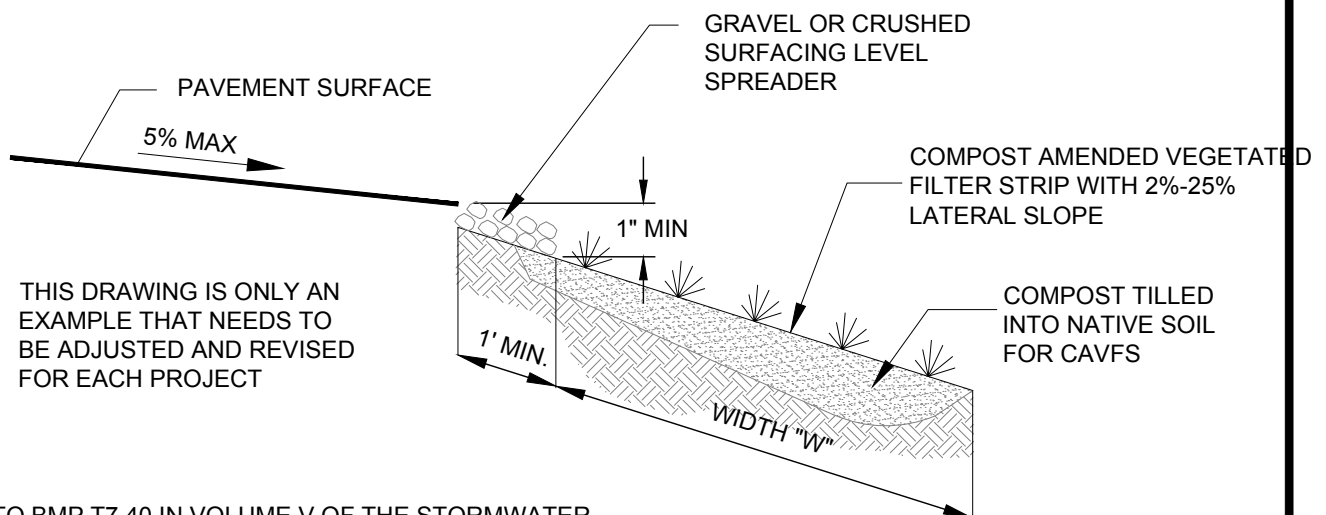


SINGLE FAMILY EROSION PREVENTION NOTES

DRAWING NO. R03	
DATE AUG '25	SCALE NTS
APPROVED BY CR	121



PLAN



SECTION A-A

NOTE:

REFER TO BMP T7.40 IN VOLUME V OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.



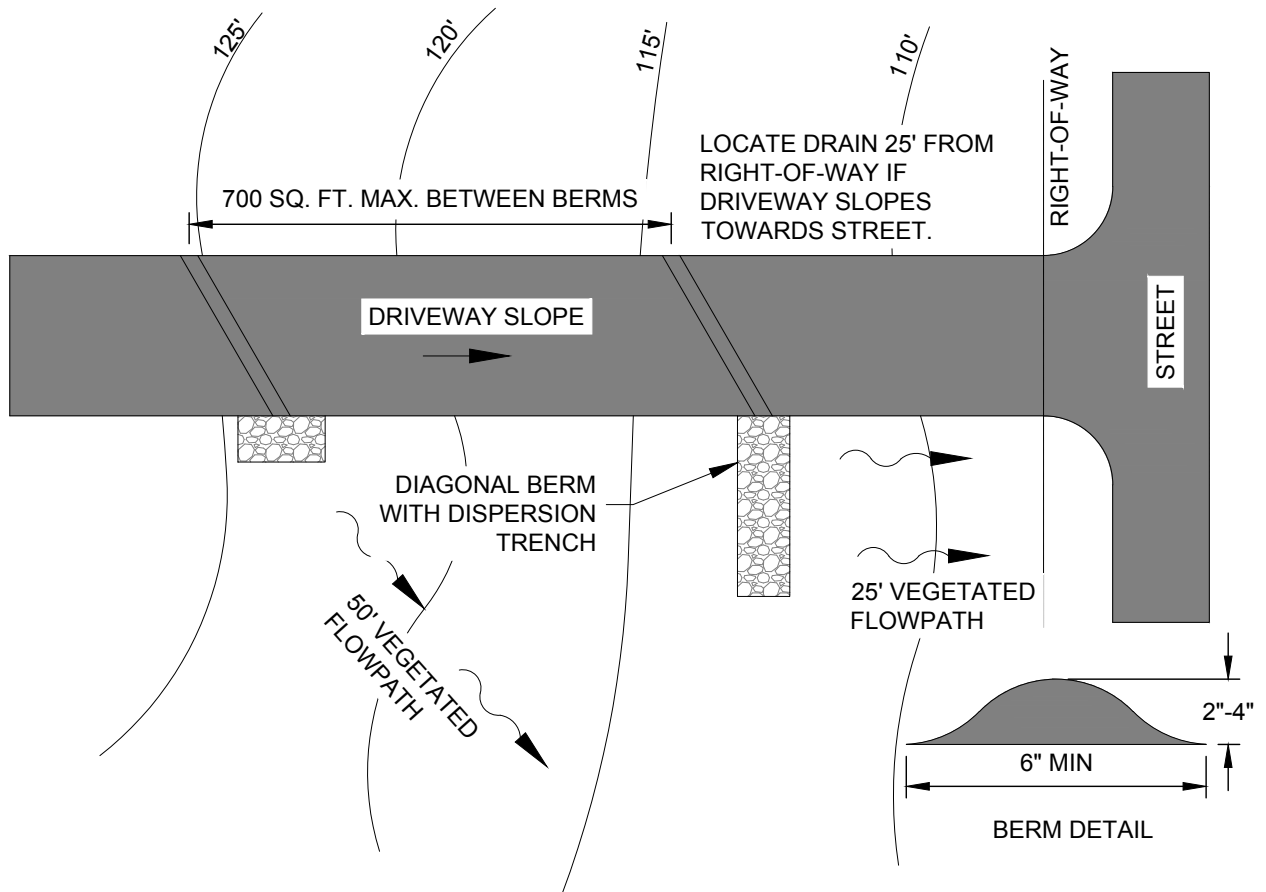
COMPOST AMENDED VEGETATED FILTER STRIP

DRAWING NO. **R04**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

122



STEEP DRIVEWAY WITH DIAGONAL BERMS

NOTE:

REFER TO BMP T5.11 IN VOLUME V OF THE
STORMWATER MANAGEMENT MANUAL FOR
WESTERN WASHINGTON FOR MORE
INFORMATION.



CONCENTRATED FLOW DISPERSION - DIAGONAL BERMS

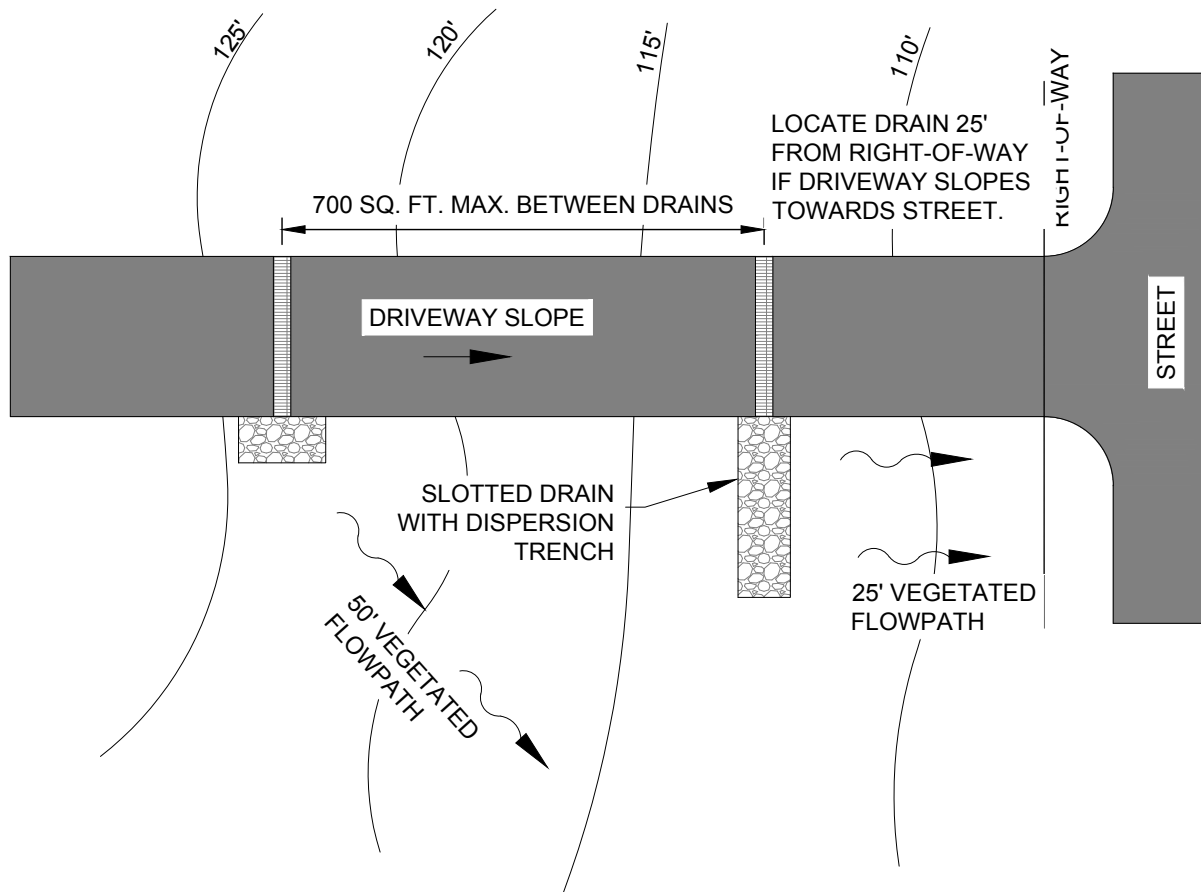
DRAWING NO. **R05**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

123



STEEP DRIVEWAY WITH SLOTTED DRAINS

NOTE:

REFER TO BMP T5.11 IN VOLUME V OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.



CONCENTRATED FLOW DISPERSION - SLOTTED DRAINS

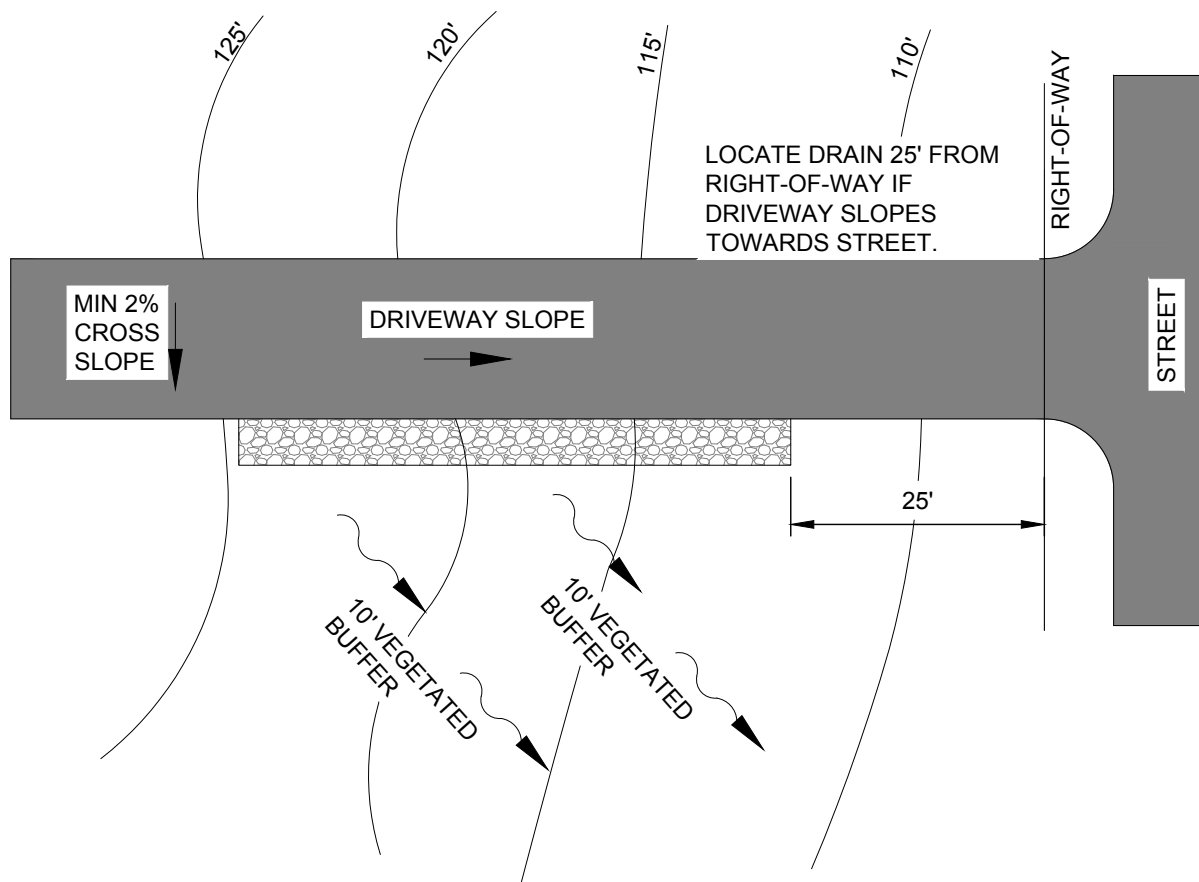
DRAWING NO. **R06**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

124



SHEET FLOW DISPERSION FROM A DRIVEWAY
FLAT TO MODERATELY SLOPING DRIVEWAYS

NOTE:

REFER TO BMP T5.12 IN VOLUME V OF THE STORMWATER
MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE
INFORMATION.



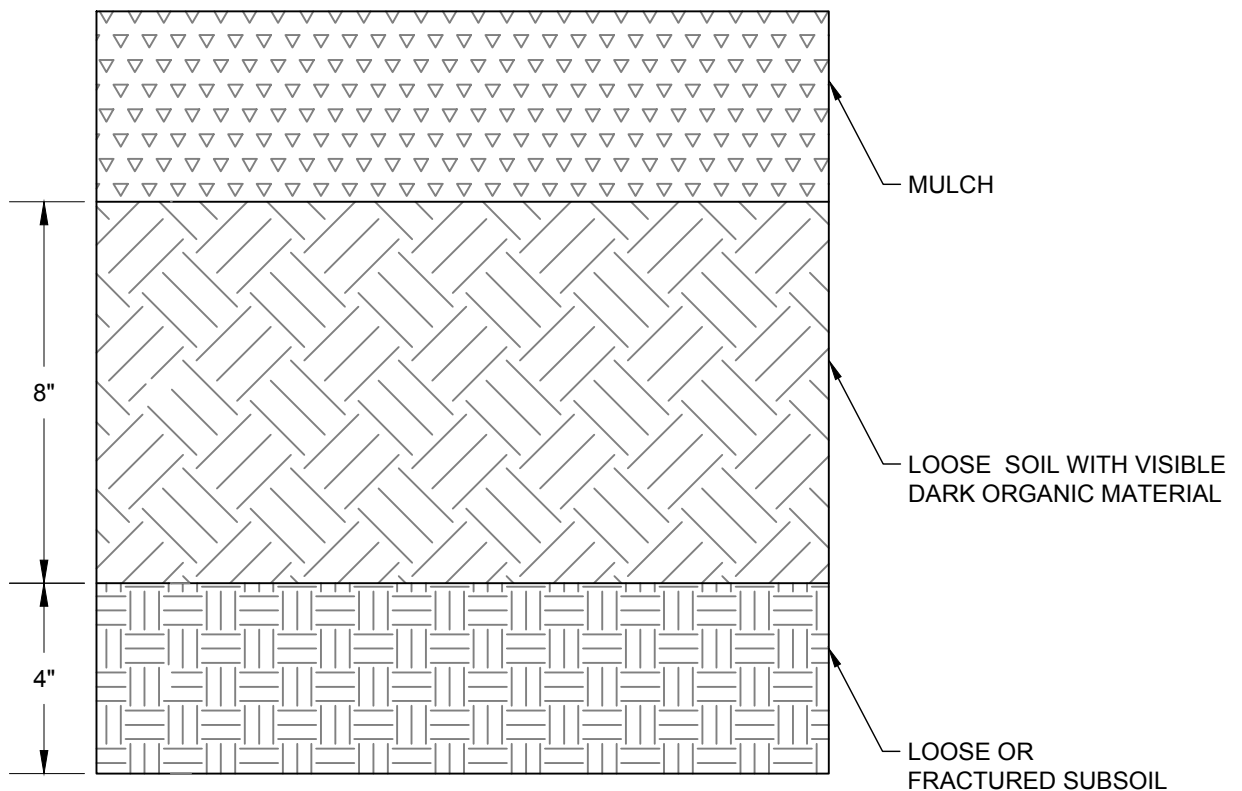
SHEET FLOW DISPERSION TRENCH

DRAWING NO. **R07**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

125



NOTE:

REFER TO BMP T5.13 IN VOLUME V OF THE STORMWATER
MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE
INFORMATION.

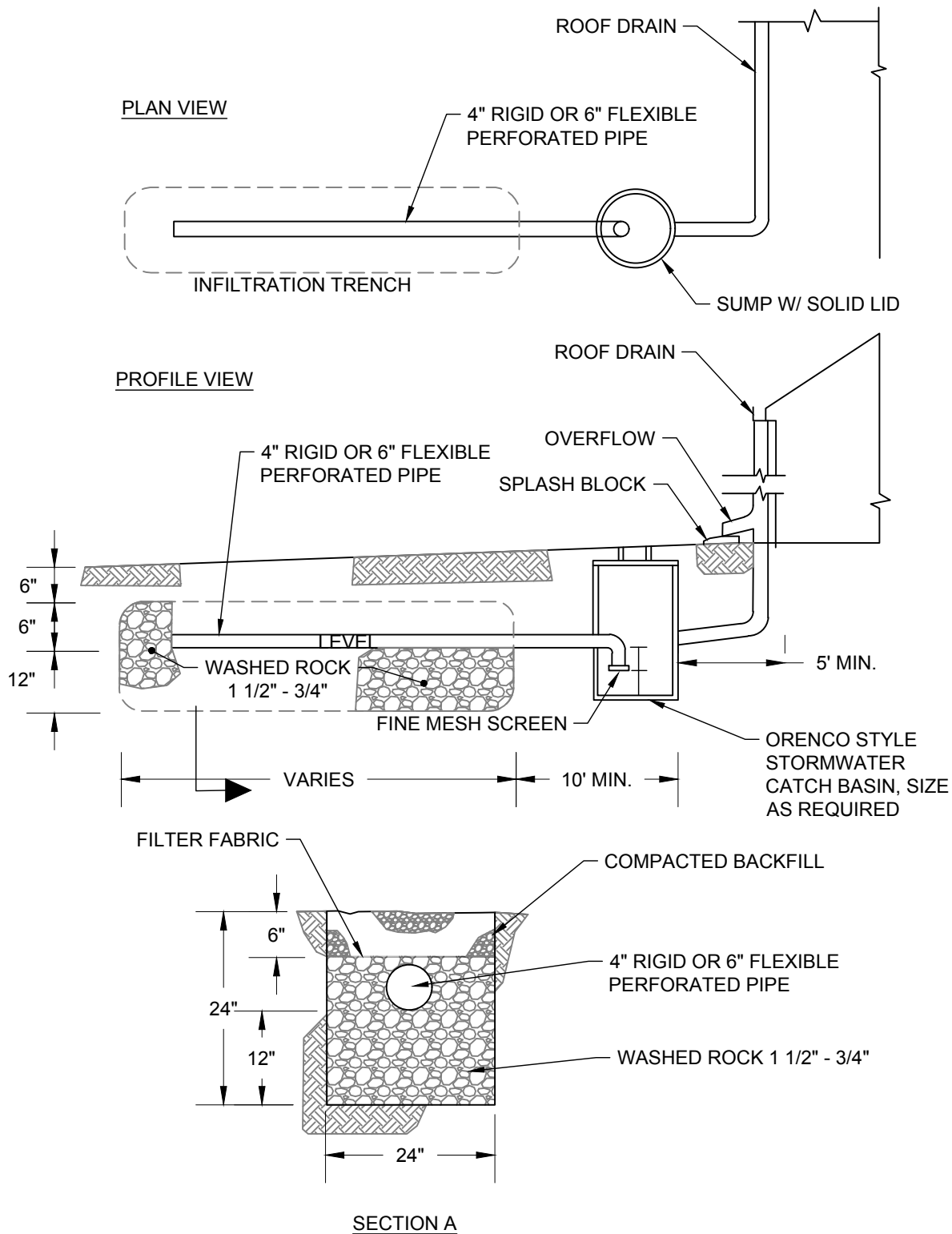


PLANTING BED CROSS-SECTION

DRAWING NO. **R08**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTE:

1. REFER TO BMP T5.10A IN VOLUME III OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.
2. SEE R13 FOR SIZING INFORMATION.



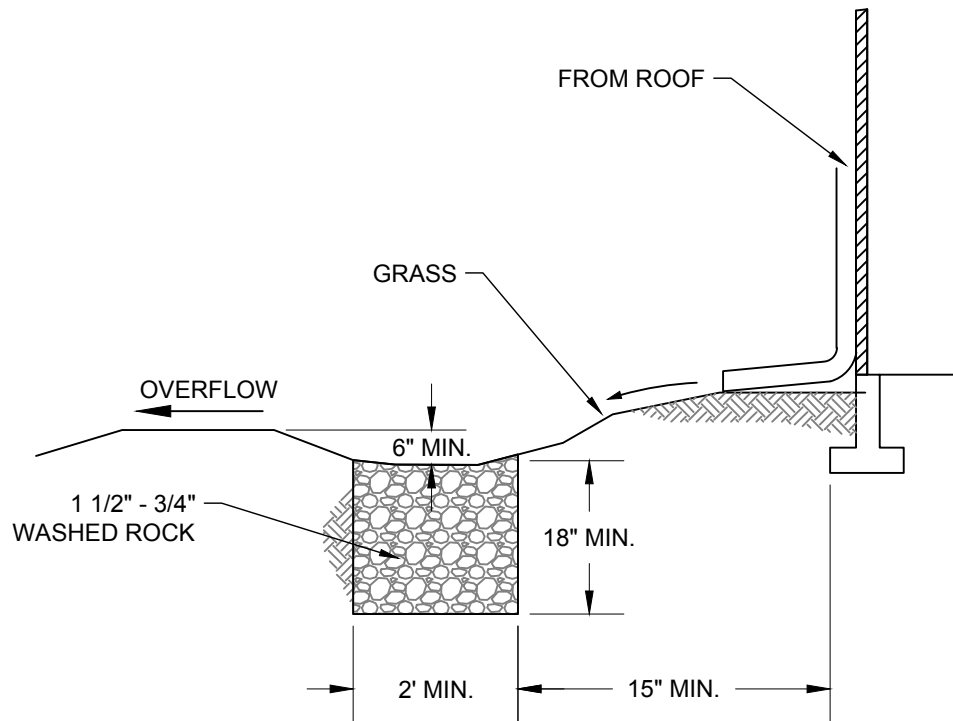
DOWNSPOUT INFILTRATION TRENCH

DRAWING NO. **R09**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

127



CROSS SECTION

NOTE:

1. REFER TO BMP T5.10A IN VOLUME III OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.
2. SEE R13 FOR SIZING INFORMATION.



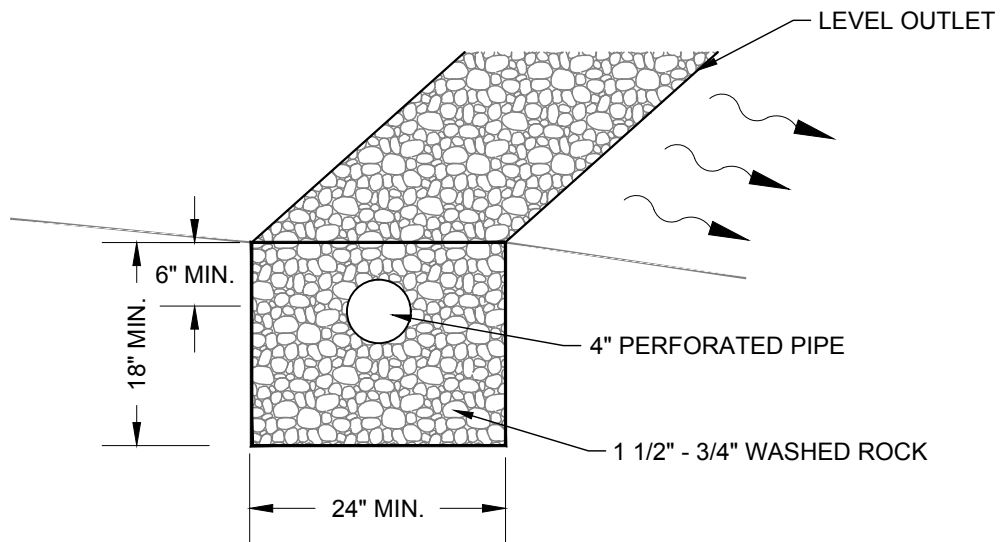
ALTERNATIVE DOWNSPOUT INFILTRATION TRENCH FOR COARSE SAND AND GRAVEL

DRAWING NO. **R10**

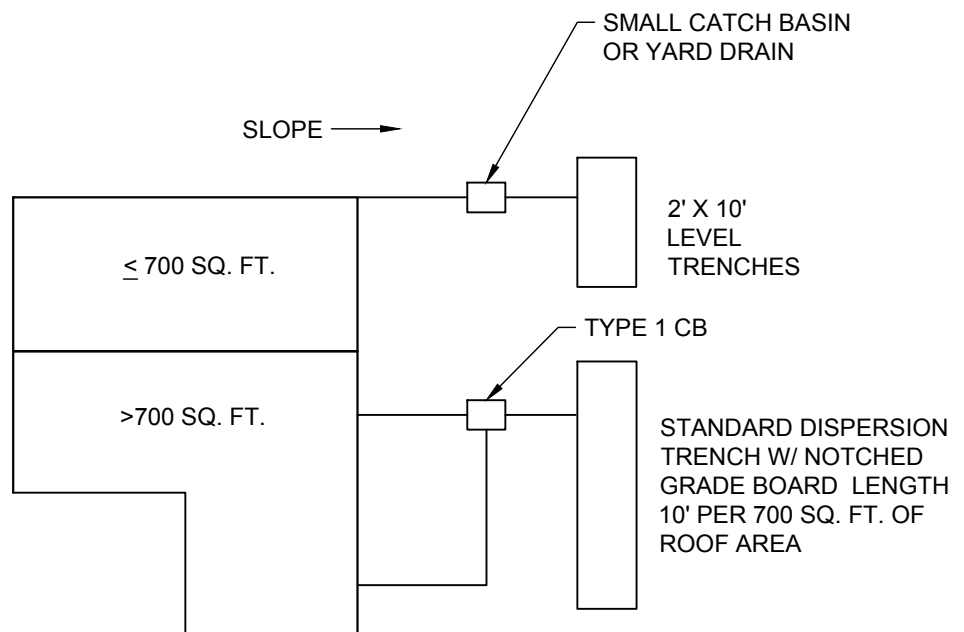
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

128



TRENCH CROSS SECTION



PLAN VIEW OF ROOF

NOTE:

REFER TO BMP T5.10B IN VOLUME III OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.



DOWNSPOUT DISPERSION TRENCH

DRAWING NO. **R11**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

129

<u>SOIL TYPE</u>	<u>LENGTH "L" OF INFILTRATION TRENCH (PER 1,000 SF OF ROOF AREA)</u>
COURSE SAND AND COBBLES	20 LF
MEDIUM SAND	30 LF
FINE OR LOAMY SAND	75 LF
SANDY LOAM	125 LF
LOAM	190 LF

NOTES:

1. MAXIMUM LENGTH OF TRENCH MUST NOT EXCEED 100 FEET FROM THE INLET SUMP.
2. MINIMUM SPACING BETWEEN TRENCH CENTERLINES IS 6 FEET.
3. INFILTRATION MAY NOT BE PLACED IN FILL AREAS UNLESS APPROVED BY A GEOTECHNICAL ENGINEER.
4. INFILTRATION TRENCHES CONSTRUCTED ON SLOPE STEEPER THAN 15% OR WITHIN 200 FEET OF THE TOP OF A STEEP SLOPE OR LANDSLIDE HAZARD MUST BE APPROVED BY A GEOTECHNICAL ENGINEER.
5. PERFORATED PIPE SHALL BE 6" DIAMETER ADS N-12 OR AN APPROVED EQUAL.



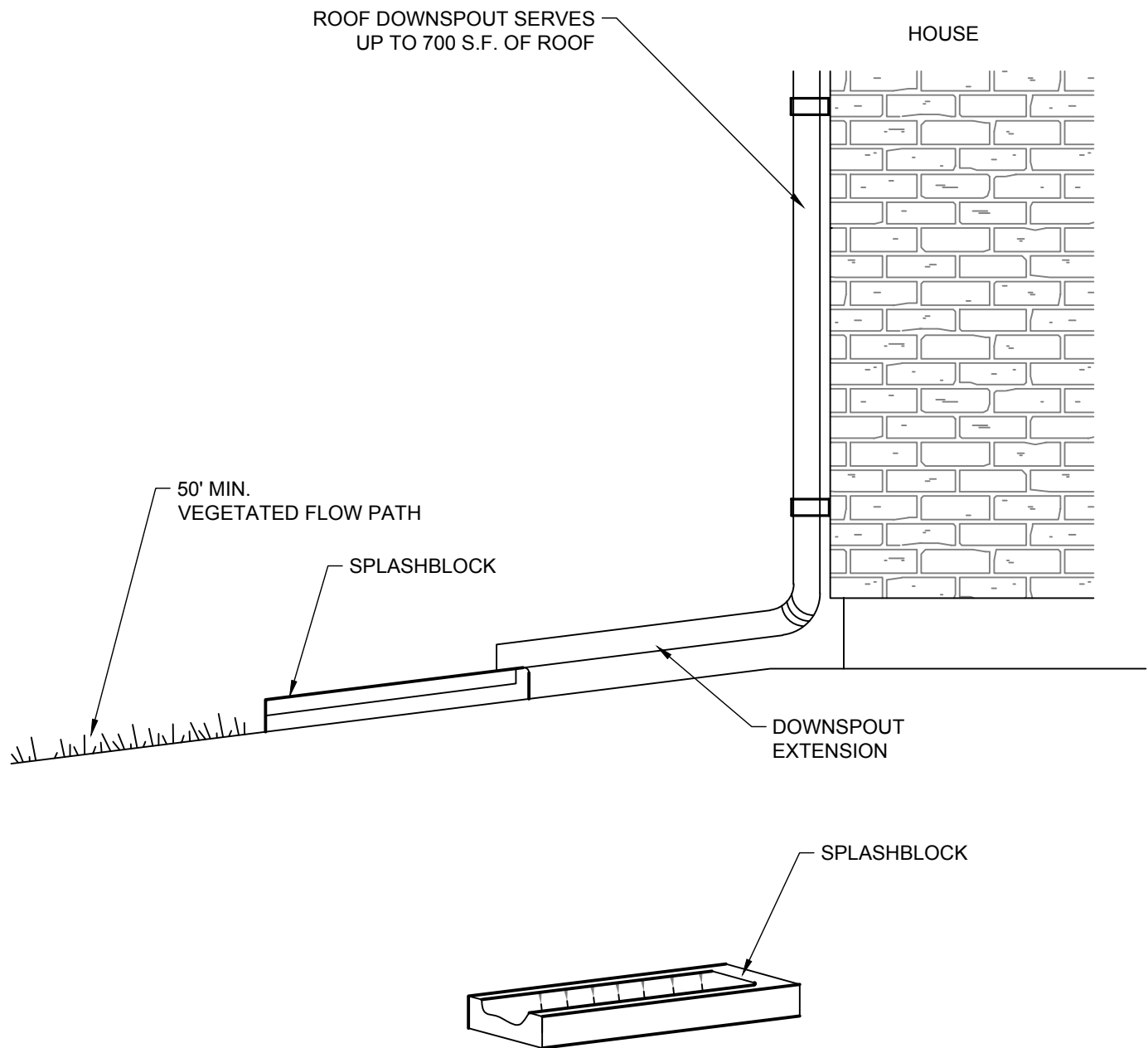
STANDARD ROOF INFILTRATION SYSTEM NOTES

DRAWING NO. **R12**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

130



NOTE:

1. REFER TO BMP T5.10B IN VOLUME III OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.
2. 2' x 2' x 6" DEEP ROCK PAD MAY BE USED IN LIEU OF PREFABRICATED SPLASHBLOCK.



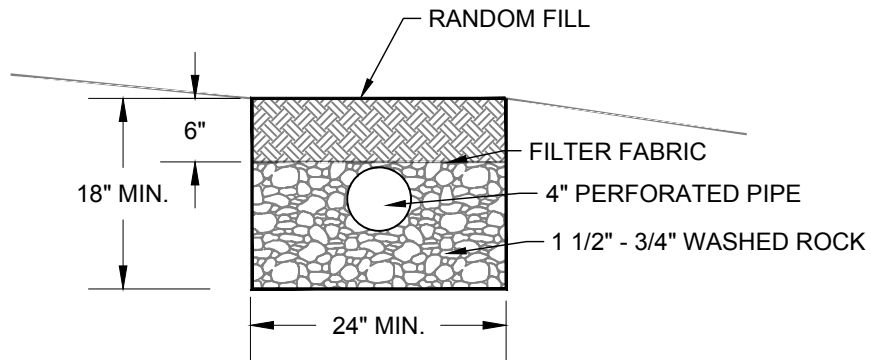
DOWNSPOUT SPLASHBLOCK DISPERSION

DRAWING NO. **R13**

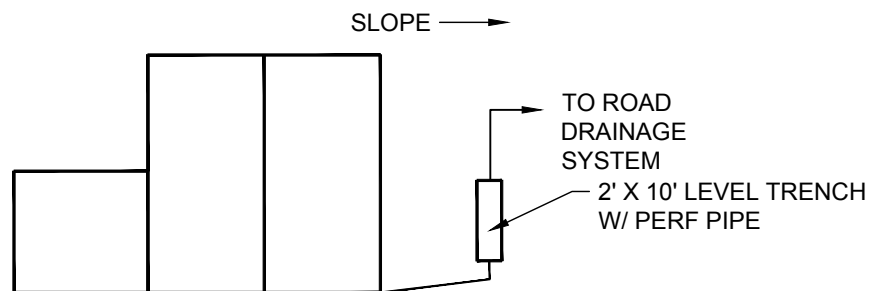
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

131



TRENCH CROSS SECTION



PLAN VIEW OF ROOF

NOTE:

1. REFER TO BMP T5.10C IN VOLUME III OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.



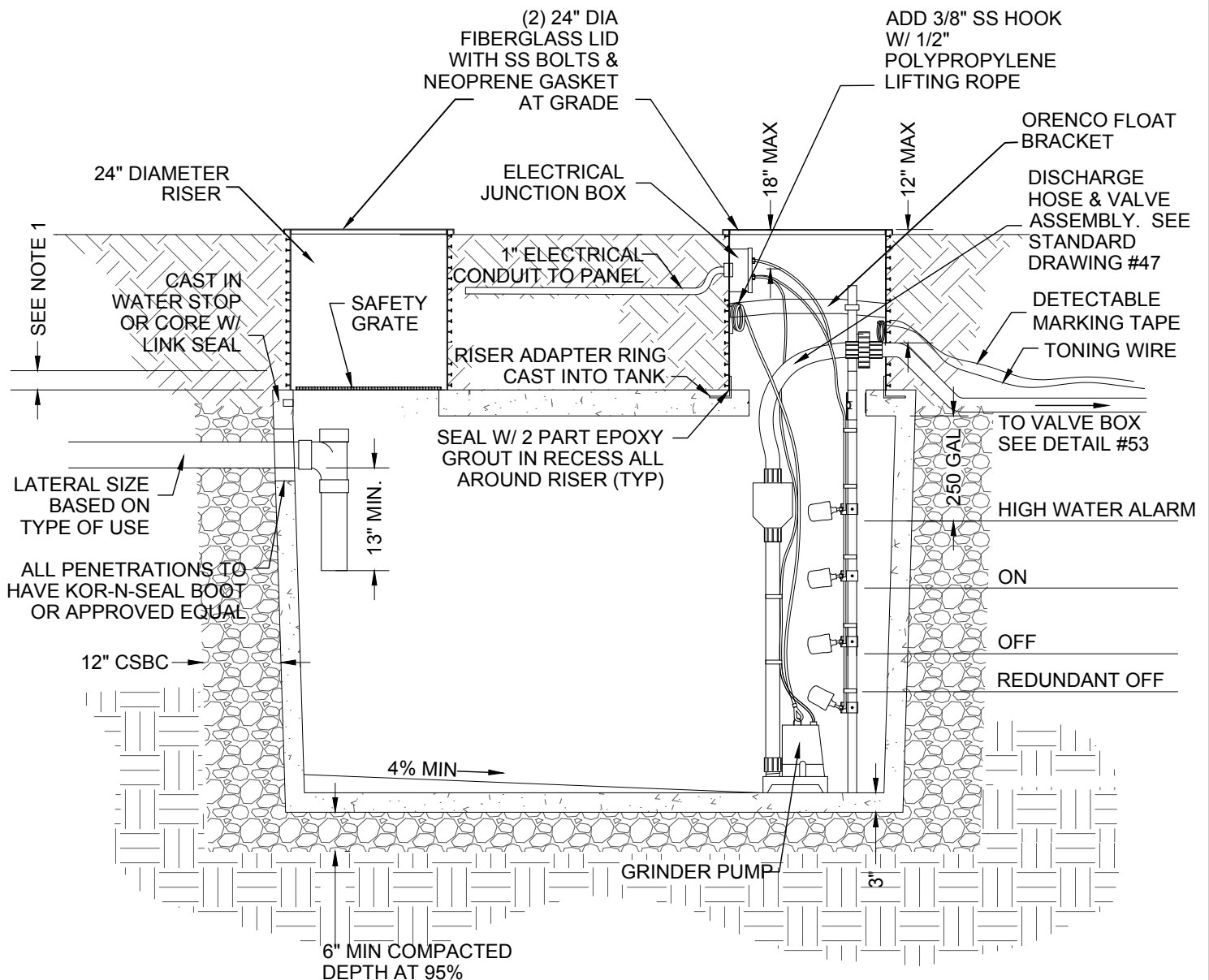
PERFORATED STUB-OUT CONNECTION

DRAWING NO. **R14**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

132



NOTES:

1. FIELD LOCATE EXISTING BUILDING SEWER & SET INTERCEPTOR TANK ELEVATION TO DRAIN BUILDING SEWER AT MIN 1/4" PER FOOT.
2. MIN SIZE SHALL BE 500 GAL.
3. COORDINATE WITH ENGINEER FOR FLOAT SET POINTS.



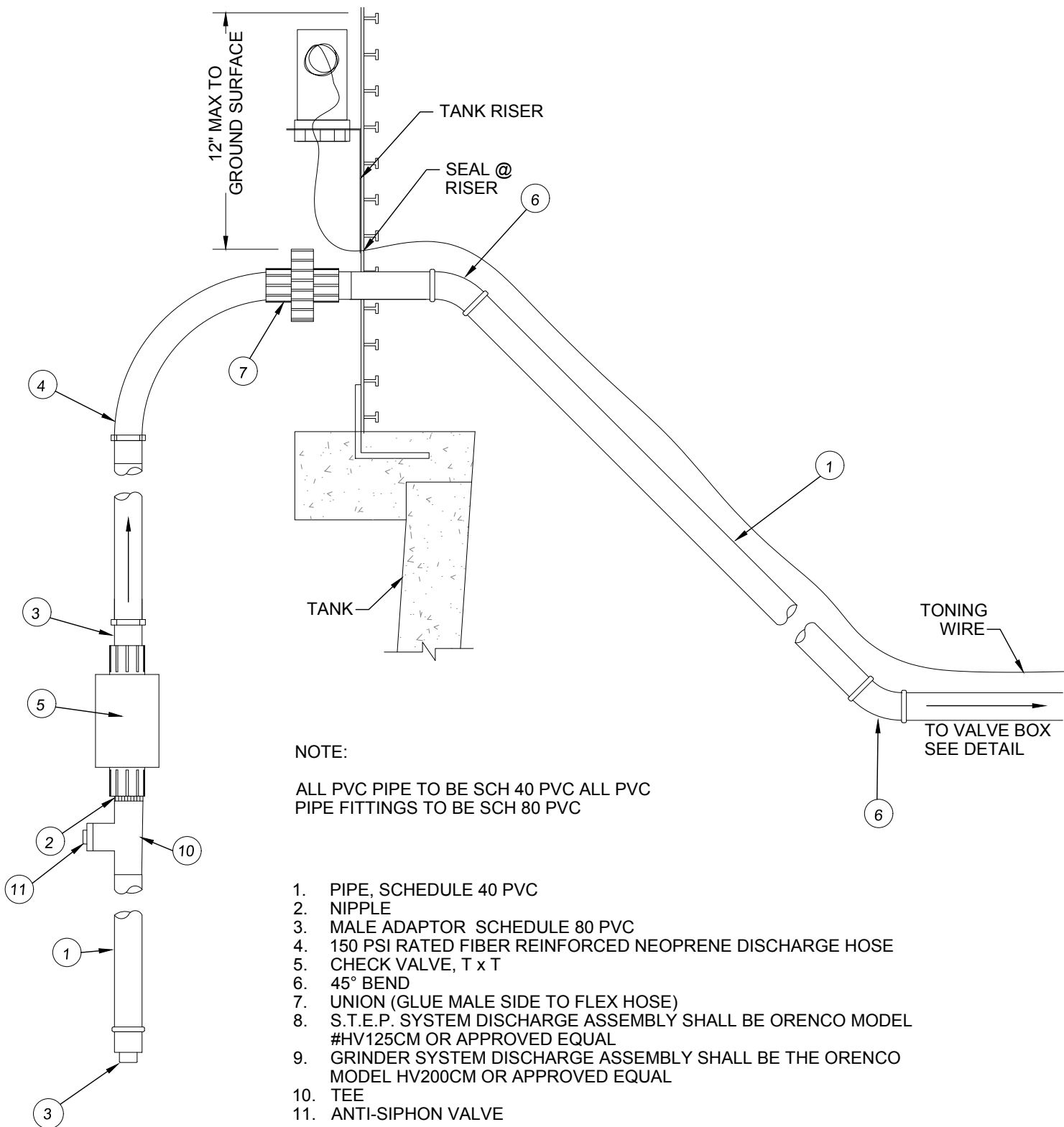
RESIDENTIAL GRINDER PUMP TANK

DRAWING NO. **R15**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

133



GRINDER DISCHARGE HOSE & VALVE ASSEMBLY

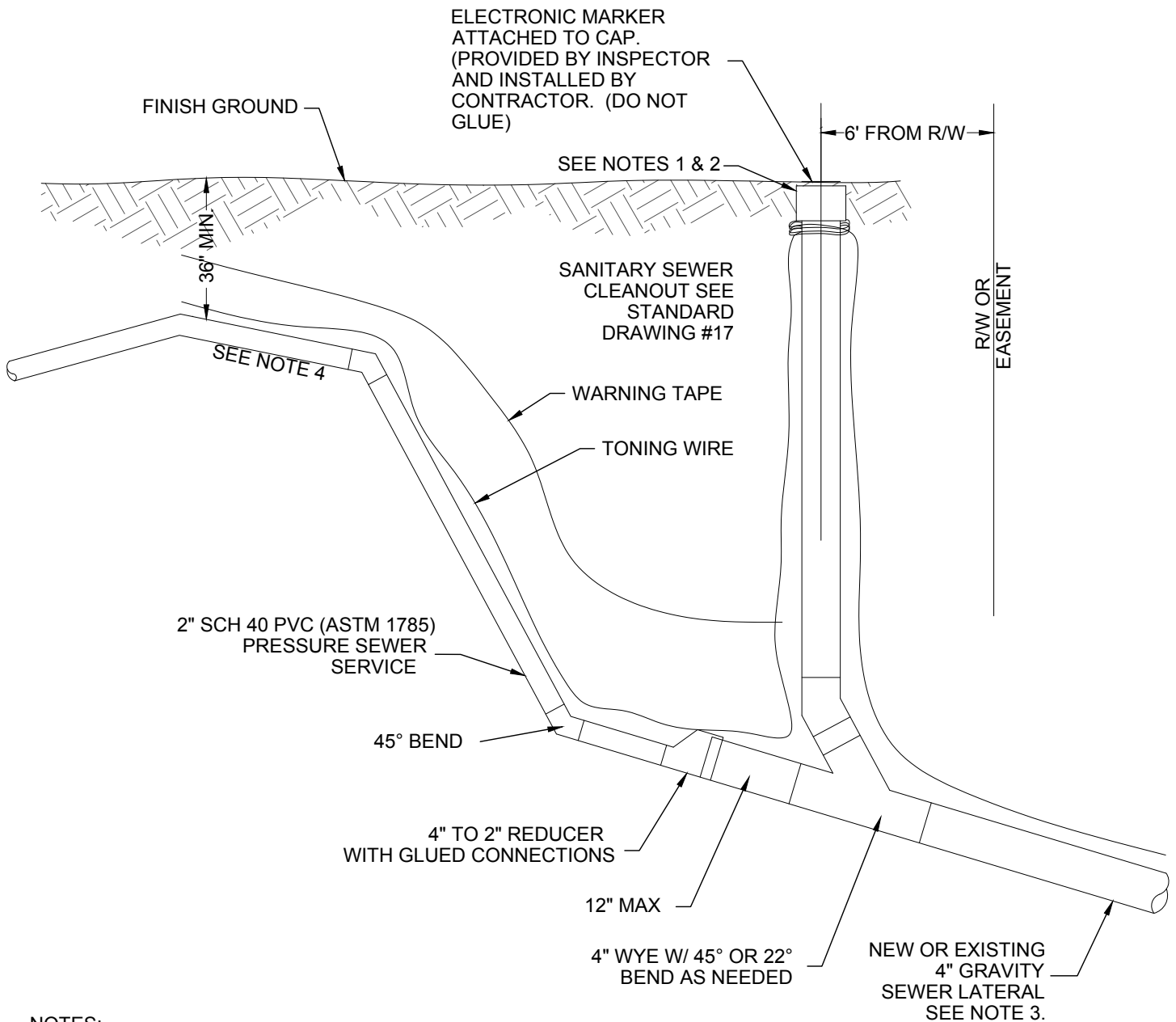
DRAWING NO. **R16**

DATE **AUG '25**

SCALE **NTS**

APPROVED BY **CR**

134



NOTES:

1. IF CLEANOUT IS IN DRIVEWAY USE SIOUX CHIEF MFG. CO., INC. TOUPEE PLUS ADJUSTABLE CLEANOUT #851-34I (FOR ABS) OR APPROVED EQUAL.
2. VALVE BOX NOT REQUIRED.
3. ALL PVC PRESSURE PIPE TO BE SCH 40 (ASTM 1785).
4. ALL THREADED PVC PRESSURE FITTINGS TO BE SCH 80.
5. GRAVITY SIDE SEWER MATERIAL MAY BE ABS OR PVC PLASTIC OR DUCTILE IRON PIPE.



PRESSURE TO GRAVITY SERVICE CONNECTION

DRAWING NO. **R17**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

135

SANITARY SEWER NOTES

1. UNLESS APPROVED OTHERWISE, ALL PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING:
 - POLYVINYLCHLORIDE (PVC) SEWER PIPE 15" DIAMETER OR LESS SHALL CONFORM TO ASTM D3034, SDR 35 OR ASTM F 789. IT SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PSI.
 - PVC PIPE 18" DIAMETER AND LARGER SHALL CONFORM TO ASTM F 679 OR ASTM F 794, SERIES 46.
 - ALL PVC PIPE SHALL HAVE AN INTEGRAL BELL GASKETED JOINT WITH ELASTOMERIC GASKET AND SHALL BE FURNISHED IN 12-1/2 FOOT LAYING LENGTHS.
 - ALL DUCTILE IRON PIPE USED FOR SEWER CONSTRUCTION SHALL BE CLASS 52, DUCTILE IRON, UNLESS OTHERWISE NOTED ON THE PLANS.
2. PROVIDE LOCKING MANHOLE COVERS IN AREAS OUTSIDE OF PUBLIC RIGHT-OF-WAY.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO CONFLICTS EXIST BETWEEN SANITARY SEWER LINES AND PROPOSED OR EXISTING UTILITIES PRIOR TO CONSTRUCTION.
4. WHERE SEWER CROSSES OVER THE WATERMAIN, ONE FULL LENGTH OF DUCTILE IRON PIPE SHALL BE USED WITH THE PIPES CENTERED FOR MAXIMUM JOINT SEPARATION.
5. WHERE A SEWER MAIN CROSSES UNDER AN A.C. WATERLINE THE CONTRACTOR SHALL REPLACE THE EXISTING A.C. WATERLINE OVER THE EXCAVATION WITH DUCTILE IRON PIPE CLASS 52 TO A POINT OF BEARING SOIL A MINIMUM OF THREE FEET (3') EACH SIDE OF THE EXCAVATION.
6. TRENCHES SHALL BE BACKFILLED AS SOON AFTER LAYING PIPE AS POSSIBLE. TRENCH EXCAVATION SHALL NOT BE MORE THAN 150 FEET AHEAD OF THE PIPE LAYING OPERATION AND SHALL BE CLOSED UP AT THE END OF THE DAY.
7. PVC D-3034 SHALL BE INSTALLED WITH A MINIMUM OF 6 FEET OF COVER OVER THE MAIN AND 5' COVER AT SERVICE LATERAL ENDS. IF COVER OVER THE MAIN IS LESS THAN 5', DUCTILE IRON MUST BE USED. IF COVER OVER THE MAIN IS GREATER THAN 15 FEET, DUCTILE IRON OR C900 MUST BE USED.
8. THE FIRST SECTION OF PIPE NOT LESS THAN ONE HUNDRED FEET (100') IN LENGTH INSTALLED BY EACH CREW SHALL BE TESTED IN ORDER TO QUALIFY THE CREW AND/OR MATERIAL. SUCCESSFUL INSTALLATION OF THIS SECTION SHALL BE A PREREQUISITE TO FURTHER PIPE INSTALLATION BY SAID CREW.
9. DIRECT CONNECTION OF SERVICE TAPS TO MANHOLES ARE NOT ALLOWED.
10. SEWER CONNECTIONS TO EXISTING MANHOLES SHALL BE ACCOMPLISHED BY USING MANUFACTURER'S PROVIDED KNOCK-OUTS OR CORE DRILLED.
11. CONNECTION TO AN EXISTING MANHOLE REQUIRES THE INSTALLATION OF 1/4" INCH MESH SCREEN IN THE DOWNSTREAM LINE WHILE MAKING CONNECTION TO ELIMINATE DEBRIS FROM ENTERING THE EXISTING SYSTEM. AFTER THE CONNECTION HAS BEEN COMPLETED THE NEW INCOMING PIPE SHALL BE PLUGGED. WHERE A HEAVY FLOW EXISTS IN THE CONNECTION MANHOLE AND WHEN UNABLE TO USE THE 1/4" MESH SCREEN, DUE CARE SHOULD BE USED TO KEEP DEBRIS OUT OF THE DOWNSTREAM LINE.
12. CONNECTIONS TO EXISTING MAINS SHALL BE ACCOMPLISHED WITH MANHOLES. AFTER EXPOSING THE EXISTING SEWER LINES, CONSTRUCT CAST IN PLACE BASE PER THE PRECAST CONCRETE MANHOLE DETAILS. ONLY AFTER THE BASE HAS A COMPRESIVE STRENGTH OF 1800 PSI AND WITH CITY APPROVAL MAY THE RISER SECTIONS BE INSTALLED.
13. ALL LIFT HOLES ON PRECAST ITEMS SHALL BE COMPLETELY FILLED WITH NON-SHRINK GROUT AND SMOOTHED BOTH INSIDE AND OUT TO INSURE WATER-TIGHTNESS. ALL STEEL LOOPS ON PRECAST SECTION MUST BE REMOVED, FLUSH WITH THE MANHOLE WALL. THE STUBS SHALL BE MORTARED AND SMOOTHED. ROUGH, UNEVEN SURFACES WILL NOT BE PERMITTED.



STANDARD SEWER NOTES 1 OF 2

DRAWING NO. **SAN01A**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

136

14. ONE MANHOLE SHALL FIRST BE GROUTED AND CHANNELED FOR APPROVAL BY THE CITY. IF THE CHANNEL IS ACCEPTABLE, THEN OTHER MANHOLES MAY BE COMPLETED TO THE SAME LEVEL OF WORKMANSHIP.
15. PRIOR TO FINAL PAVING, ALL MAINLINE SEWERS AND LATERALS SHALL BE CLEANED AND TESTED EITHER THE EXFILTRATION TEST OR AIR TEST IN ACCORDANCE WITH THE SECTION 7-17.3(2).
- ALL SEWERS ARE TO BE TESTED AND A MANDREL PULLED TO ASSURE ROUNDNESS OF PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
 - A MANDREL SHALL BE PULLED ON FLEXIBLE PIPE NOT LESS THAN 30 DAYS AFTER THE TRENCH BACKFILL AND COMPACTION HAS BEEN COMPLETED.
 - A VIDEOTAPE INSPECTION SHALL BE PROVIDED OF ALL SANITARY SEWERS AT LEAST 7 DAYS PRIOR TO PAVING AND ALL DEFICIENCIES FOUND SHALL BE CORRECTED. REPAIR BY CHEMICAL GROUT WILL NOT BE ALLOWED.
 - MANHOLES SHALL BE VACUUM TESTED AFTER FINAL PAVING.
 - SANITARY FORCE MAINS SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE IN ACCORDANCE WITH SECTION 7-09.3(23).



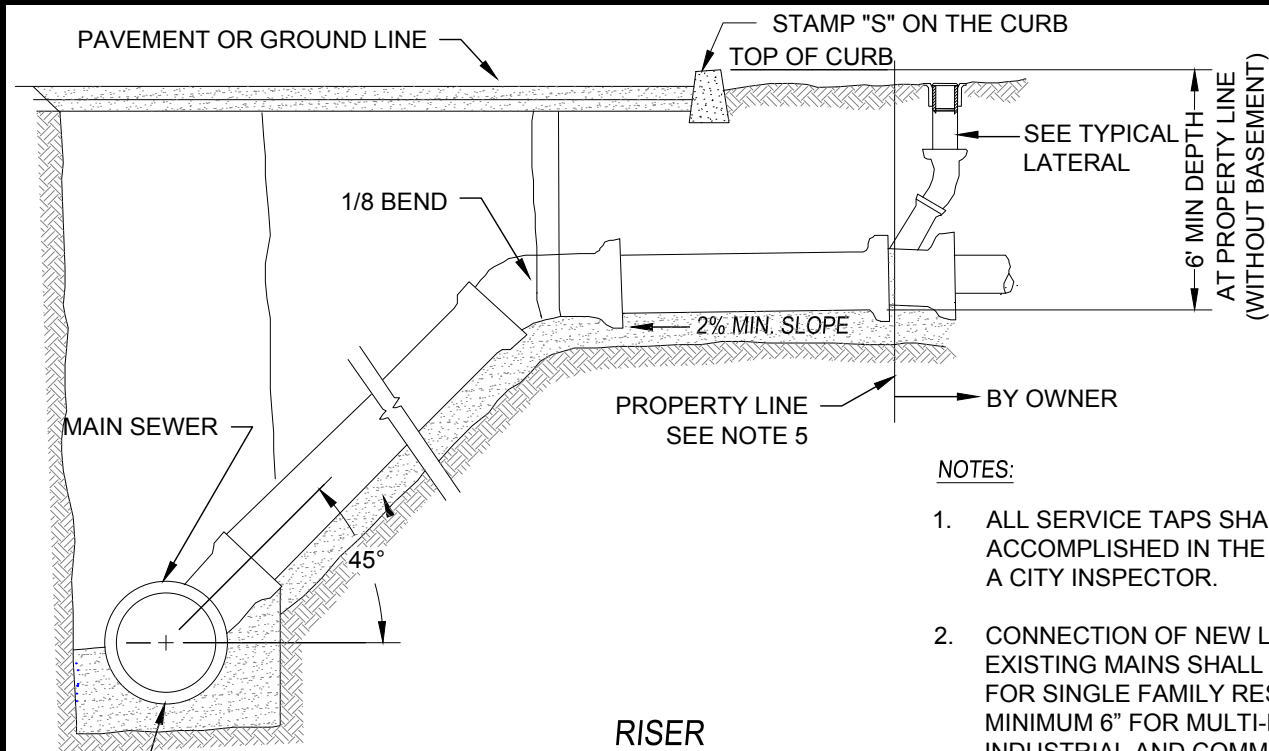
STANDARD SEWER NOTES 2 OF 2

DRAWING NO. **SAN01B**

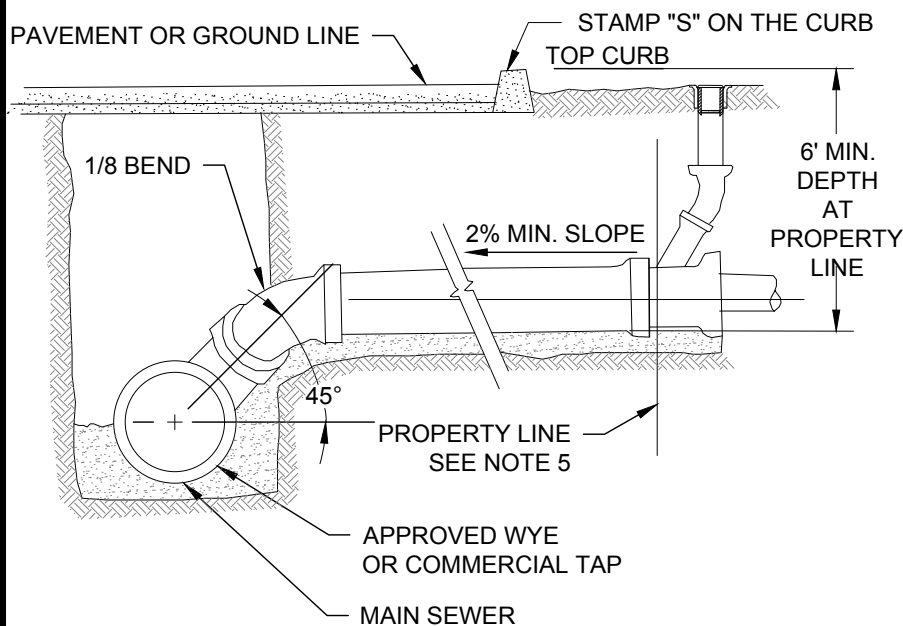
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

137



RISER
TO BE USED IN SEWER
CONSTRUCTION OVER 14' IN DEPTH



TYPICAL HOUSE BRANCH

NOTES:

1. ALL SERVICE TAPS SHALL BE ACCOMPLISHED IN THE PRESENCE OF A CITY INSPECTOR.
2. CONNECTION OF NEW LATERALS TO EXISTING MAINS SHALL BE MINIMUM 4" FOR SINGLE FAMILY RESIDENTIAL. MINIMUM 6" FOR MULTI-FAMILY, INDUSTRIAL AND COMMERCIAL.
3. SERVICE LATERALS SHALL BE PLUGGED AND MARKED. SEE STANDARD DRAWING SAN05.
4. APPROVED COMMERCIAL TAPS:
 - SEALTIGHT TYPE "C" OR "D" SEWER SADDLE.
 - FOWLER QUIK-WAY SEWER TAP
 - FOWLER "T & L" SEWER TEE
 - FOWLER "INSERTA TEE"
 - "TAP-TITE" SEWER TEE
5. TRANSITIONS BETWEEN DISSIMILAR PIPE MATERIALS OR SIZES SHALL BE MADE WITH APPROVED ADAPTERS (FERNCO, CAULDER, OR EQUAL).
6. IN NEW SUBDIVISIONS AND OTHER CONSTRUCTION INVOLVING NEW ROADS, INSTALL LATERALS TO 6 FEET BEHIND PROPERTY LINE FOR SEWERS IN STREET RIGHT-OF-WAY.

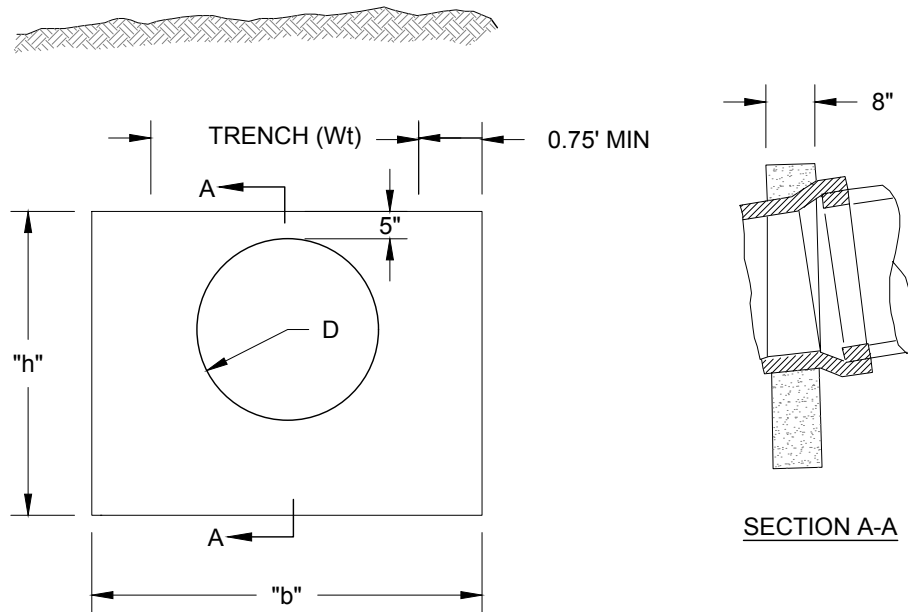


SERVICE LATERAL CONNECTIONS

DRAWING NO. **SAN02**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



NOTES:

1. ALL CONCRETE TO BE 3000 P.S.I., 2" TO 4" SLUMP.
2. WALLS TO BE PLACED WHERE GRADE IS 20% OR OVER.
3. ANCHOR WALLS TO BE EQUALLY SPACED WITH MAXIMUM DISTANCE BETWEEN WALLS TO BE AS SHOWN IN TABLE "A".
4. PLACE WALL IMMEDIATELY BELOW BELL OF PIPE WHERE POSSIBLE.
5. CONCRETE SHALL BE POURED AGAINST FORMS OR STABLE UNDISTURBED SOIL.

TABLE "A"		
SLOPE %		MAXIMUM SPACING (FT.) (MEASURED ON SLOPE)
OVER	TO	
20	35	36'
35	50	24'
50	100	16'

TABLE "B"				
PIPE SIZE (D)	TRENCH WIDTH MAX. (Wt)	h	b	VOLUME OF CONCRETE (APPROX.)
6", 8", 10"	2.5'	3.0'	4.0'	0.29 C.Y.
12", 15"	2.5'	4.0'	4.0'	0.37 C.Y.
18", 21", 24"	3.5'	4.0'	5.0'	0.42 C.Y.
30", 36"	4.5'	5.0'	6.0'	0.62 C.Y.



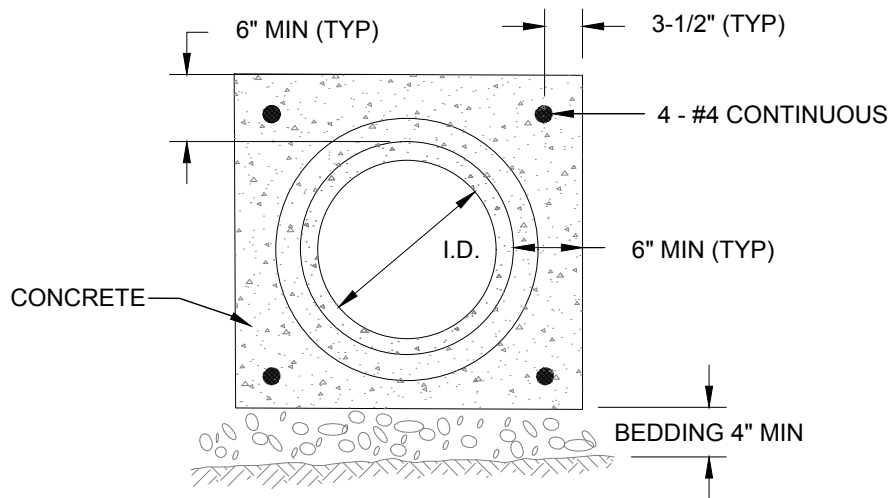
ANCHOR WALL

DRAWING NO. **SAN03**

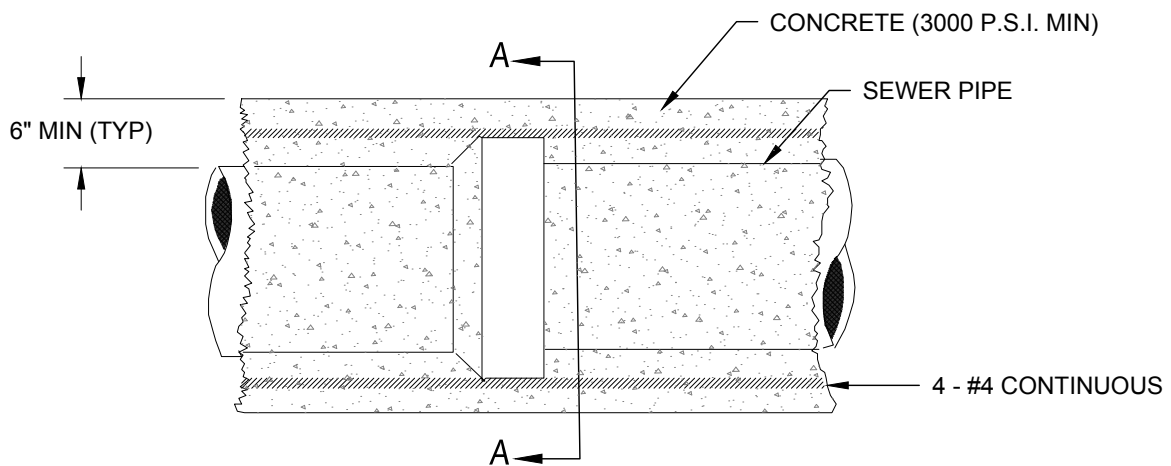
DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**

139



VIEW A-A



PLAN

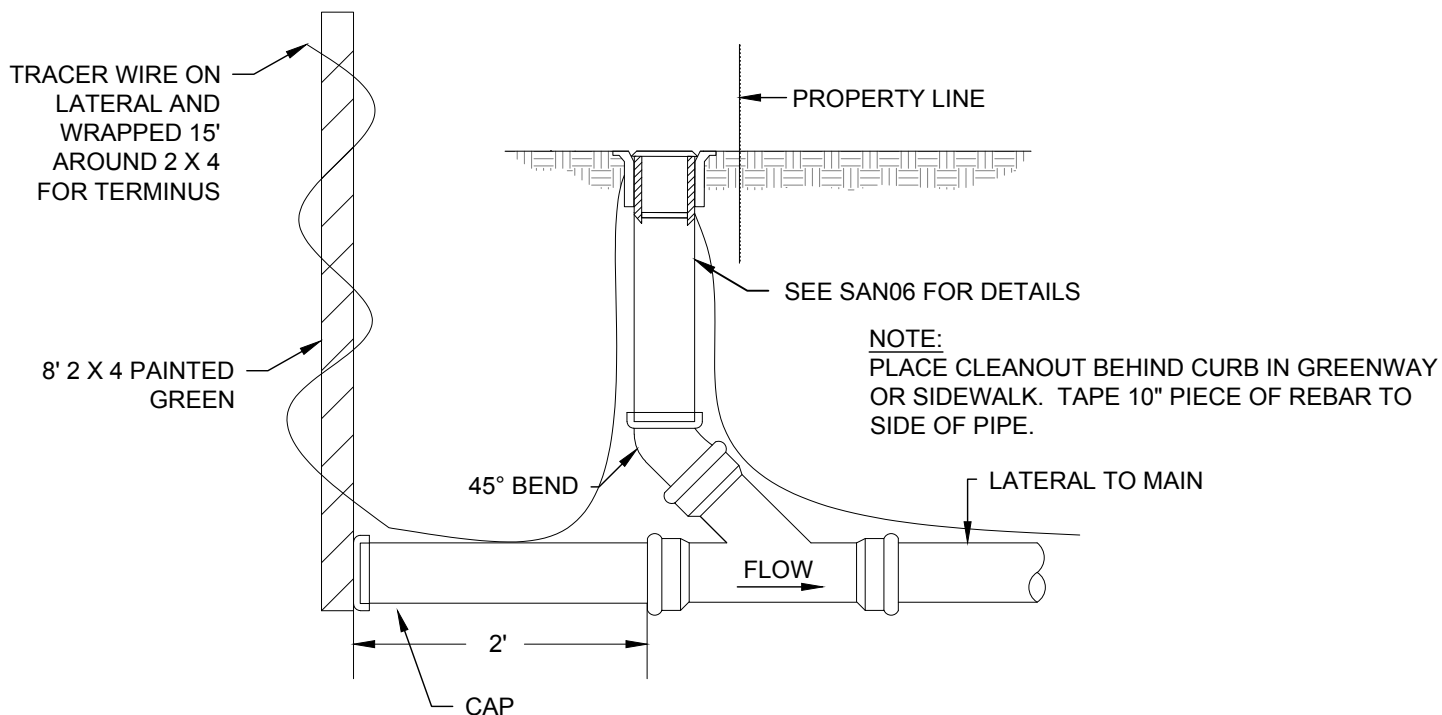


CONCRETE ENCASED SEWER PIPE

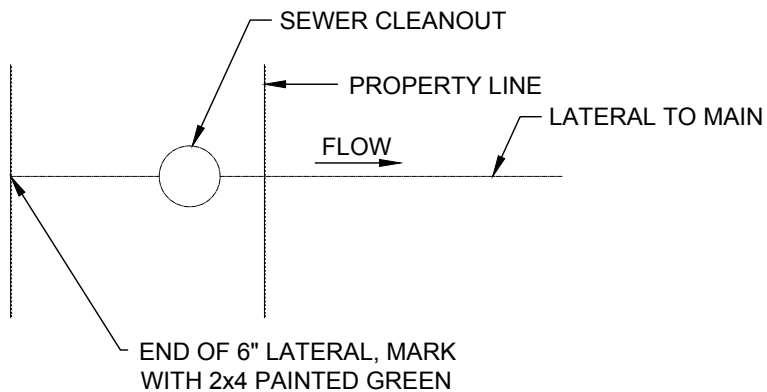
DRAWING NO. **SAN04**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



ELEVATION



PLAN

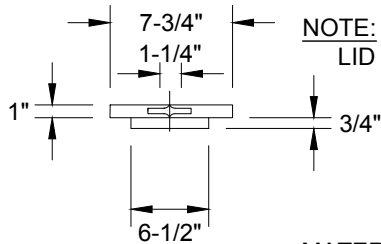
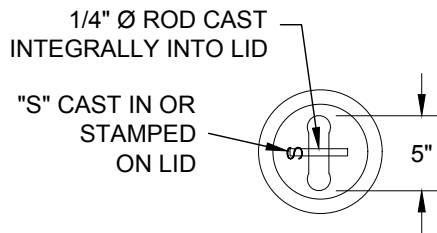


TEMPORARY SEWER LATERAL

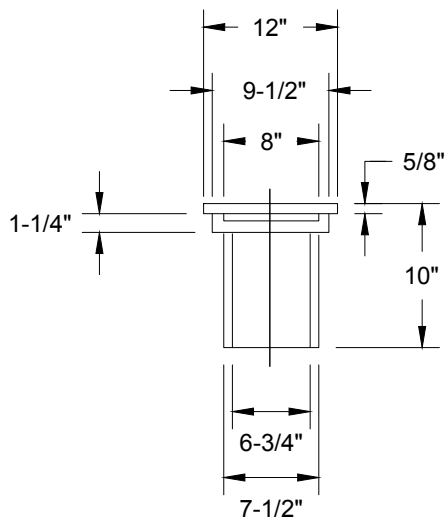
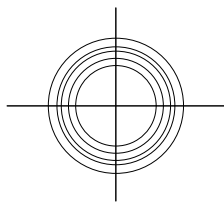
DRAWING NO. **SAN05**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



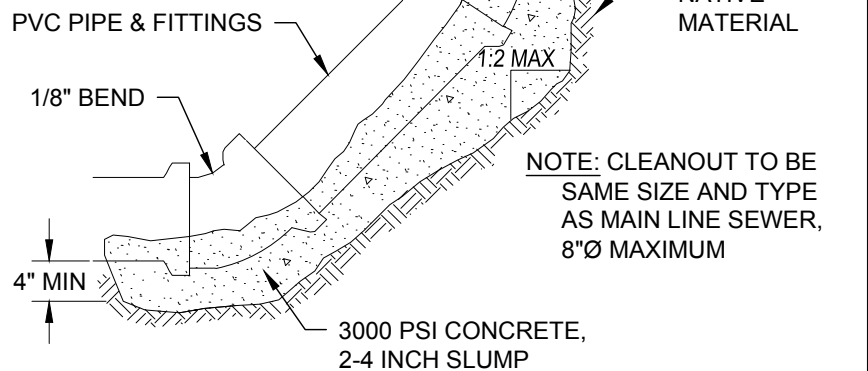
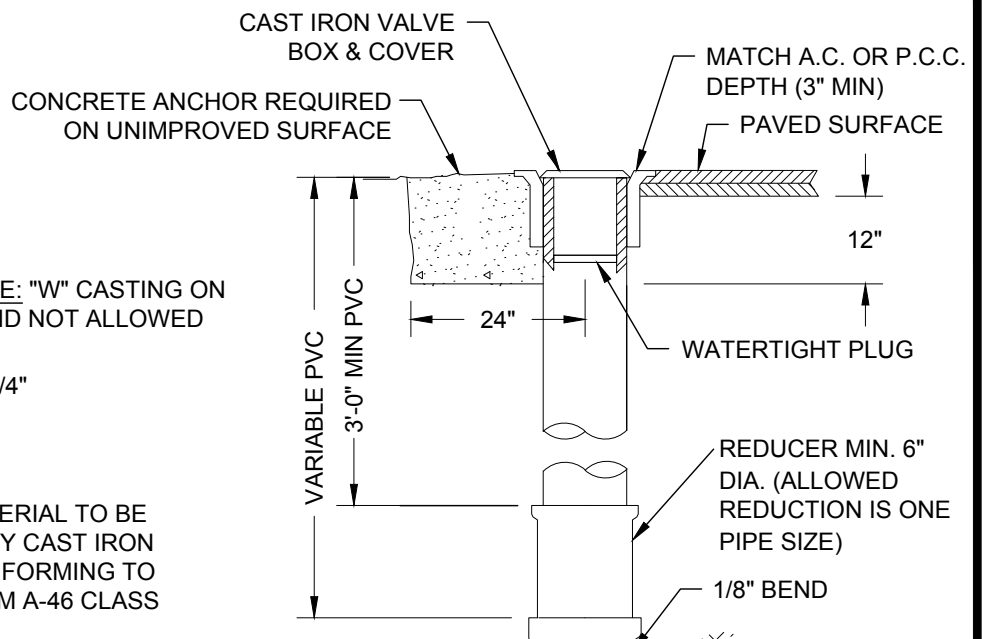
COVER



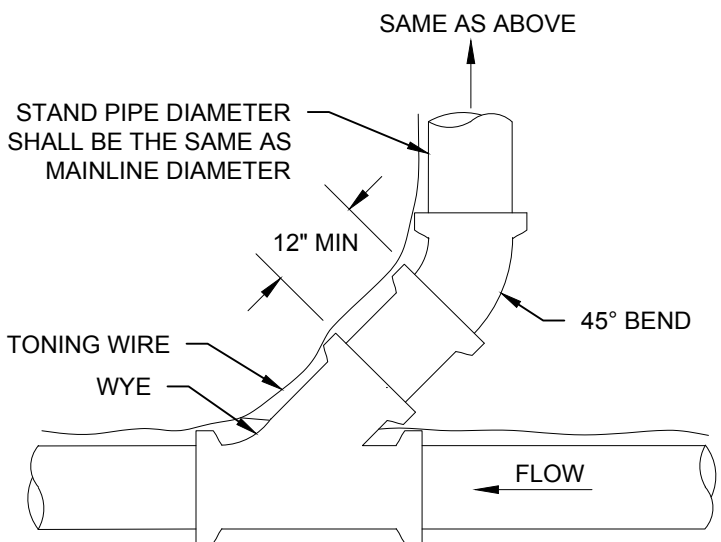
CAST IRON VALVE BOX AND COVER

NOTES:

1. FOR 6" CLEANOUTS ONLY, USE IFCO FRAME NO. 235, AS MANUFACTURED BY INLAND FOUNDRY CO., OR APPROVED EQUAL. COVER SHALL BE THE MANUFACTURER'S STANDARD, WITH "S" OR "SEWER" CAST STAMPED ON TOP. INSTALL MECHANICAL PLUGS ON ALL CLEANOUTS.



MAINLINE SEWER CLEANOUT



COMMERCIAL INLINE SEWER CLEANOUT



STANDARD SEWER CLEANOUT

DRAWING NO. **SAN06**

DATE **AUG '25** SCALE **NTS**

APPROVED BY **CR**



Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Request for leak adjustment

1 message

Molly Leckie <molly.leckie@gmail.com>

Mon, Sep 8, 2025 at 3:26 PM

To: chuck.oldfield@ci.stevenson.wa.us, michael.d.johnson@ci.stevenson.wa.us, lucy.lauser@ci.stevenson.wa.us, pat.rice@ci.stevenson.wa.us, dave.cox@ci.stevenson.wa.us, citycouncil@ci.stevenson.wa.us

Cc: Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>, "scott.anderson@ci.stevenson.wa.us" <scott.anderson@ci.stevenson.wa.us>

Dear Council members,

I am requesting a leak adjustment for my water bill.

On or about February 4th a line break occurred on Bone Road, not far from my home. City workers bled the lines on Ridgecrest Drive that day, where my water pump is located. We believe (based on the assessment of the well pump repair company) that this caused an air gap in the line leading to my pump which caused it to burn out and also blow a hole in the line feeding the pump. The pump itself was relatively new, having been installed in July of 2024.

The pump itself normally feeds water up the hill to my home on Montell Terrace and into two 1,000 gallon holding tanks. We became aware of the leak on April 2nd when the water dropped to a level that we did not have enough water to feed into the house. There is a float system that calls for water when the level drops to a certain degree, but with the pump already blown no water could be brought up the hill. I called a pump service to come investigate the problem and then discovered the leak and the blown pump. Previously when we have used a larger than normal amount of water, we've gotten notification in the mail, but did not receive any notifications this time.

The bill due April 13 was \$12,069.68. I was advised to make a normal payment on the account until the matter could be resolved. The next bill includes a number of days before we discovered the problem and the City shut off the water to our line. Our average (based on my credit card records) over 9 months before that was \$66.63, monthly. I have been making "normal" payments of about \$69 dollars a month since then.

Currently my bill due September 10 is \$14, 073.72. I am paying my bill today, September 8th and will make the payment for \$73.72 and am asking the City to make a one time leak adjustment for the remaining amount. Thank you.

Respectfully,

Molly Olsen Leckie

WATER ADJUSTMENT WORKSHEET

Meter #

603000

WATER ADJUSTMENT WORKSHEET

Serial #

21148046

Customer: Olsen, Sally Account # 12910

Cubic Foot Leakage:		Average Cubic Foot Usage:		Excess \$ Amount
Month:	March/April 2025	1	0	\$0.00
		2	279	\$0.00
Usage:	257765	3	310	\$0.00
		4	202	\$0.00
Average Us	327.1667	5	672	\$13.60
		6	500	\$5.00
Leak Total	257437.8	1963 Total		Avg
	0	Avg.		0
		327.1667		\$3.10

Leak: Cu ft Total less average usage 257437.8 X 0.0084 = Adjustment Fee 2162.48

Leak ... Actual Bills:

Average Usage Bill:

Month	June		
Water	69.58		67.65
Excess	13951.27		3.1
Sewer		0	
Excess	0	0	
Totals	14020.85	0	70.75
Actual Leak Bill	14020.85	Avg Bill	70.75 Less Adj Fee 2162.48

Recommended Credit Requested: \$11,787.62

Max Reimbursement with Leak Adj \$1,000

CITY OF STEVENSON

7121 E. Loop Rd.
PO BOX 371
Stevenson, WA 98648-0371

BILLING PERIOD	
2/21/2025-03/20/2025	
DUE DATE	ACCOUNT NUMBER
04/13/2025	12910
BILL DATE	AMOUNT DUE:
04/03/2025	12,069.68
ACCOUNT HOLDER	
Sally A Olsen	
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	

SERVICE	READING DATE	METER READINGS		FACTOR	USAGE	CHARGES
		PREVIOUS	PRESENT			
Water	03/20/2025	25536	248560	1.0000	223024	<div> <div>Previous Balance:</div> <div>Adjustments:</div> <div>Payments:</div> <div>Balance Forward:</div> <div>Water</div> <div>Water Consumption</div> <div>69.58</div> <div>0.00</div> <div>69.58</div> <div>0.00</div> <div>69.58</div> <div>12,000.10</div> </div>
<div> <div>WATER CONSUMPTION HISTORY</div> <p>A bar chart showing water consumption history from April to April. The y-axis represents usage with markers at 0, 111512, and 223024. The x-axis lists months from Apr to Apr. A single bar for the final April reaches the 223024 mark.</p> </div>						<div> <div>Current Charges:</div> <div>Balance:</div> <div>12,069.68</div> <div>12,069.68</div> </div>
		30:	0.00	60:	0.00	90+: 0.00

Sewer/Septic Ordinance Open House April 10th from 6pm-7:30pm at City Hall

DUE DATE	AMOUNT DUE
04/13/2025	12,069.68
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	
ACCOUNT NO.	AMOUNT ENCLOSED
12910	

Sally A Olsen
PO Box 404
Stevenson, WA 98648-0404

City Of Stevenson
7121 E Loop Road
PO Box 371
Stevenson, WA 98648-0371

CITY OF STEVENSON

7121 E. Loop Rd.
PO BOX 371
Stevenson, WA 98648-0371

BILLING PERIOD	
3/31/2025-4/20/2025	
DUE DATE	ACCOUNT NUMBER
05/10/2025	12910
BILL DATE	AMOUNT DUE:
04/30/2025	13,924.67
ACCOUNT HOLDER	
Sally A Olsen	
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	

SERVICE	READING DATE	METER READINGS		FACTOR	USAGE	CHARGES
		PREVIOUS	PRESENT			
Water	04/21/2025	248560	283301	1.0000	34741	<div> <div>Previous Balance:</div> <div>Adjustments:</div> <div>Payments:</div> <div>Balance Forward:</div> <div>Water</div> <div>Water Consumption</div> <div>12,069.68</div> <div>0.00</div> <div>69.00</div> <div>12,000.68</div> <div>69.58</div> <div>1,854.41</div> </div>
<div> <div>WATER CONSUMPTION HISTORY</div> </div>						<div> <div>Current Charges:</div> <div>Balance:</div> <div>1,923.99</div> <div>13,924.67</div> </div>
30:		12,000.68		60:		0.00
				90+:		0.00

Happy Spring!

DUE DATE	AMOUNT DUE
05/10/2025	13,924.67
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	
ACCOUNT NO.	AMOUNT ENCLOSED
12910	

Sally A Olsen
PO Box 404
Stevenson, WA 98648-0404

City Of Stevenson
7121 E Loop Road
PO Box 371
Stevenson, WA 98648-0371

CITY OF STEVENSON

7121 E. Loop Rd.
PO BOX 371
Stevenson, WA 98648-0371

BILLING PERIOD	
4/21/2025-5/20/2025	
DUE DATE	ACCOUNT NUMBER
06/10/2025	12910
BILL DATE	AMOUNT DUE:
05/31/2025	13,935.51
ACCOUNT HOLDER	
Sally A Olsen	
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	

SERVICE	READING DATE	METER READINGS		FACTOR	USAGE	CHARGES
		PREVIOUS	PRESENT			
Water	05/20/2025	283301	283891	1.0000	590	<div> <div>Previous Balance:</div> <div>Adjustments:</div> <div>Payments:</div> <div>Balance Forward:</div> <div>Water</div> <div>Water Consumption</div> <div>13,924.67</div> <div>0.00</div> <div>69.00</div> <div>13,855.67</div> <div>69.58</div> <div>10.26</div> </div>
<div> <div>WATER CONSUMPTION HISTORY</div> </div>						<div> <div>Current Charges:</div> <div>Balance:</div> <div>79.84</div> <div>13,935.51</div> </div>
		30:	1,923.99	60:	11,931.68	90+: 0.00

Don't forget to have your back flow device checked before you turn on your irrigation.

DUE DATE	AMOUNT DUE
06/10/2025	13,935.51
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	
ACCOUNT NO.	AMOUNT ENCLOSED
12910	

Sally A Olsen
PO Box 404
Stevenson, WA 98648-0404

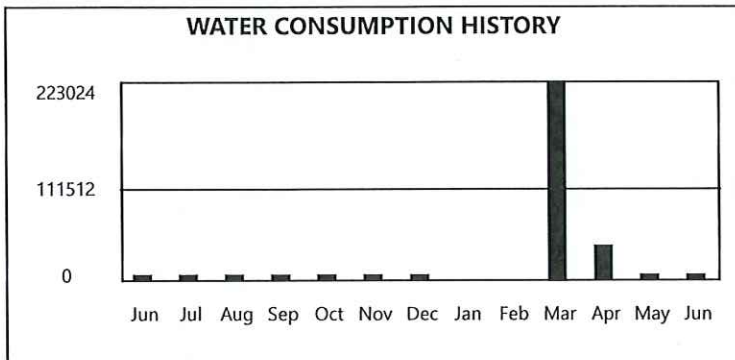
City Of Stevenson
7121 E Loop Road
PO Box 371
Stevenson, WA 98648-0371

CITY OF STEVENSON

7121 E. Loop Rd.
PO BOX 371
Stevenson, WA 98648-0371

BILLING PERIOD	
5/21/2025-6/20/2025	
DUE DATE	ACCOUNT NUMBER
07/10/2025	12910
BILL DATE	AMOUNT DUE:
06/30/2025	14,005.09
ACCOUNT HOLDER	
Sally A Olsen	
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	

SERVICE	READING DATE	METER READINGS		FACTOR	USAGE	CHARGES
		PREVIOUS	PRESENT			
Water	06/18/2025	283891	284222	1.0000	331	Previous Balance: 13,935.51 Adjustments: 0.00 Payments: 0.00 Balance Forward: 13,935.51 Water 69.58 Current Charges: 69.58 Balance: 14,005.09



Have a wonderful Summer!

30:	79.84	60:	1,923.99	90+:	11,931.68
-----	-------	-----	----------	------	-----------

DUE DATE	AMOUNT DUE
07/10/2025	14,005.09
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	
ACCOUNT NO.	AMOUNT ENCLOSED
12910	

Sally A Olsen
PO Box 404
Stevenson, WA 98648-0404

City Of Stevenson
7121 E Loop Road
PO Box 371
Stevenson, WA 98648-0371

CITY OF STEVENSON

7121 E. Loop Rd.
PO BOX 371
Stevenson, WA 98648-0371

BILLING PERIOD	
6/21/2025-7/20/2025	
DUE DATE	ACCOUNT NUMBER
08/10/2025	12910
BILL DATE	AMOUNT DUE:
07/31/2025	14,006.07
ACCOUNT HOLDER	
Sally A Olsen	
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	

SERVICE	READING DATE	METER READINGS		FACTOR	USAGE	CHARGES
		PREVIOUS	PRESENT			
Water	07/21/2025	284222	284666	1.0000	444	<div> <div>Previous Balance:</div> <div>Adjustments:</div> <div>Payments:</div> <div>Balance Forward:</div> <div>Water</div> <div>Water Consumption</div> <div>14,005.09</div> <div>0.00</div> <div>69.00</div> <div>13,936.09</div> <div>67.65</div> <div>2.33</div> </div>
<div> <div>WATER CONSUMPTION HISTORY</div> </div>						<div> <div>Current Charges:</div> <div>Balance:</div> <div>69.98</div> <div>14,006.07</div> </div>
<div> <div>30:</div> <div>69.58</div> <div>60:</div> <div>79.84</div> <div>90+:</div> <div>13,786.67</div> </div>						

The 2024 Water Confidence Report is out. You can find it and past years reports at http://bit.lyStevenson_CCRs

DUE DATE	AMOUNT DUE
08/10/2025	14,006.07
SERVICE LOCATION	
1291.0 - 875 NE MONTELL TERRACE	
ACCOUNT NO.	AMOUNT ENCLOSED
12910	

Sally A Olsen
PO Box 404
Stevenson, WA 98648-0404

City Of Stevenson
7121 E Loop Road
PO Box 371
Stevenson, WA 98648-0371

UTILITY ACCOUNT HISTORY

City Of Stevenson

Time: 10:58:02 Date: 08/07/2025
Page: 1

07/08/2024 To: 08/07/2025

Olsen, Sally A: 12910; Service Location: 1291.0

875 NE MONTELL TERRACE

			Current	Previous	Water Usage	Sewer Usage	Electric Usage	Chg/Pymt	Balance
07/08/2024	Payment	222088622						-65.03	0.00
07/31/2024	Bill	Billing	23287	22676	611			75.58	75.58
08/05/2024	Payment	223919629						-75.58	0.00
08/31/2024	Bill	Billing	23787	23287	500			70.03	70.03
09/16/2024	Payment	226434271						-70.03	0.00
09/30/2024	Bill	Billing	24459	23787	672			78.63	78.63
10/01/2024	Payment	227495703						-78.63	0.00
10/31/2024	Bill	Billing	24661	24459	202			65.03	65.03
11/07/2024	Payment	229852867						-65.03	0.00
11/30/2024	Bill	Billing	24947	24661	286			65.03	65.03
12/04/2024	Payment	231673603						-65.03	0.00
12/31/2024	Bill	Billing	25257	24947	310			65.03	65.03
01/31/2025	Bill	Billing	25536	25257	279			69.58	134.61
02/13/2025	Payment	236526508						-134.61	0.00
02/28/2025	Bill	Billing	25536	25536				69.58	69.58
03/11/2025	Payment	238463495						-69.58	0.00
04/03/2025	Bill	Billing	248560	25536	223024			12,069.68	12,069.68
04/15/2025	Payment	240917754						-69.00	12,000.68
04/30/2025	Bill	Billing	283301	248560	34741			1,923.99	13,924.67
05/20/2025	Payment	243467618						-69.00	13,855.67
05/31/2025	Bill	Billing	283891	283301	590			79.84	13,935.51
06/30/2025	Bill	Billing	284222	283891	331			69.58	14,005.09
07/14/2025	Payment	247290158						-69.00	13,936.09
07/31/2025	Bill	Billing	284666	284222	444			69.98	14,006.07
Billing Periods 13			Billed Amt: 14,771.56	Avg 1,136.27					

UTILITY ACCOUNT HISTORY

City Of Stevenson

Olsen, Sally A: 12910; Service Location: 1291.0

875 NE MONTELL TERRACE

Time: 10:29:00 Date: 08/04/2025
Page: 1

06/30/2024 To: 08/04/2025

			Current	Previous	Water Usage	Sewer Usage	Electric Usage	Chg/Pymt	Balance
06/30/2024	Bill	Billing	22676	22443	233			65.03	3,681.36
07/31/2024	Bill	Billing	23287	22676	611			75.58	3,756.94
08/31/2024	Bill	Billing	23787	23287	500			70.03	3,826.97
09/30/2024	Bill	Billing	24459	23787	672			78.63	3,905.60
10/31/2024	Bill	Billing	24661	24459	202			65.03	3,970.63
11/30/2024	Bill	Billing	24947	24661	286			65.03	4,035.66
12/31/2024	Bill	Billing	25257	24947	310			65.03	4,100.69
01/31/2025	Bill	Billing	25536	25257	279			69.58	4,170.27
02/28/2025	Bill	Billing	25536	25536				69.58	4,239.85
04/03/2025	Bill	Billing	248560	25536	223024			12,069.68	16,309.53
04/30/2025	Bill	Billing	283301	248560	34741			1,923.99	18,233.52
05/31/2025	Bill	Billing	283891	283301	590			79.84	18,313.36
06/30/2025	Bill	Billing	284222	283891	331			69.58	18,382.94
07/31/2025	Bill	Billing	284666	284222	444			69.98	18,452.92
Billing Periods 14			Billed Amt: 14,836.59	Avg 1,059.76					



Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Tort Claim Packet

1 message

Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Tue, Apr 8, 2025 at 11:58 AM

To: molly.leckie@gmail.com

Hi Molly,

Thank you so much for your patience and letting em research this issue. Please let me know if you have any questions.

Sincerely,

Kaitlyn Conrath

--

Kaitlyn Conrath | Utilities Clerk

(509) 427-5970 | ext. 201
7121 E. Loop Road | PO Box 371
Stevenson, WA 98648-0371
ci.stevenson.wa.us

 **tort claim.pdf**
177K



Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

875 NE Montel Terrace Tort Claim

3 messages

Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>
To: Tiffany Woods <tiffanyw@wciapool.org>

Tue, Jul 29, 2025 at 8:29 AM

Good Morning,

I am just writing to see if I can get a follow up on this case for our citizen. Any information would be greatly appreciated.

Thanks!

Sincerely,

Kaitlyn Conrath

--

Kaitlyn Conrath | Utilities Clerk(509) 427-5970 | ext. 201
7121 E. Loop Road | PO Box 371
Stevenson, WA 98648-0371
ci.stevenson.wa.us

Tiffany Woods <tiffanyw@wciapool.org>
To: Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Tue, Jul 29, 2025 at 8:37 AM

Hi Kaitlyn,

Good morning. I've forwarded your email to the WCIA Claims department, claims@wciapool.org, in a separate email.

Thanks,

Tiffany Woods

Programs and Information Technology Coordinator

Washington Cities Insurance Authority

PO Box 88030, Tukwila, WA 98138

Phone: (206) 575-6046, ext. 236

Direct: (206) 687-7905

Fax: (206) 575-7426



NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

[Quoted text hidden]

Harlan Stientjes <harlans@wciapool.org>

Tue, Jul 29, 2025 at 9:05 AM

To: "Schak, Jim" <jim.schak@sedgwick.com>, Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Jim –

Can you please provide Kaitlyn and I an update on the progress of the Leckie claim? Thanks!

Harlan Stientjes

Claim Manager

Washington Cities Insurance Authority

P.O. Box 88030, Tukwila, WA 98138

(206) 687-7902



From: Tiffany Woods <tiffanyw@wciapool.org>

Sent: Tuesday, July 29, 2025 8:37 AM

To: ClaimsQueue <claimsQueue@wciapool.org>

Subject: FW: 875 NE Montel Terrace Tort Claim

Hi Claims,

Good morning. Please see the email below. I believe this is #25-1107.

Thanks,

Tiffany Woods

Programs and Information Technology Coordinator

Washington Cities Insurance Authority

PO Box 88030, Tukwila, WA 98138

Phone: (206) 575-6046, ext. 236

Direct: (206) 687-7905

Fax: (206) 575-7426



NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

From: Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Sent: Tuesday, July 29, 2025 8:29 AM

To: Tiffany Woods <tiffanyw@wciapool.org>

Subject: 875 NE Montel Terrace Tort Claim

Good Morning,

[Quoted text hidden]



Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

RE: 875 NE Montel Terrace Tort Claim 25-1107

3 messages

Schak, Jim <Jim.Schak@sedgwick.com>

Tue, Jul 29, 2025 at 9:49 AM

To: Harlan Stientjes <harlans@wciapool.org>, Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Hi Harlan and Kaitlyn,

I have inspected the loss and discussed with the Leckie's. I have also sent my first report in yesterday. It is being reviewed and you should receive it today.

Mrs. Leckie is sending me age information on the damaged parts.

Kaitlyn, I called the city yesterday, and they said they would send you a message to give me a call as there is a question for the city. I did not have your direct number, but I see it below and will give you a call.

Thank you

Jim Schak | Regional General Adjuster

Greater Portland area

Mail: P.O. Box 41352, Eugene, OR 97404

Cell: 503-804-5448 | FAX 503.697.5871

EMAIL jim.schak@Sedgwick.com

www.Sedgwick.com | Caring counts®

sedgwick

From: Harlan Stientjes <harlans@wciapool.org>

Sent: Tuesday, July 29, 2025 9:06 AM

To: Schak, Jim <Jim.Schak@sedgwick.com>; Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Subject: RE: 875 NE Montel Terrace Tort Claim

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe...

Jim –

Can you please provide Kaitlyn and I an update on the progress of the Leckie claim? Thanks!

Harlan Stientjes

Claim Manager

Washington Cities Insurance Authority

P.O. Box 88030, Tukwila, WA 98138

(206) 687-7902



From: Tiffany Woods <tiffanyw@wciapool.org>
Sent: Tuesday, July 29, 2025 8:37 AM
To: ClaimsQueue <claimsQueue@wciapool.org>
Subject: FW: 875 NE Montel Terrace Tort Claim

Hi Claims,

Good morning. Please see the email below. I believe this is #25-1107.

Thanks,

Tiffany Woods

Programs and Information Technology Coordinator

Washington Cities Insurance Authority

PO Box 88030, Tukwila, WA 98138

Phone: (206) 575-6046, ext. 236

Direct: (206) 687-7905

Fax: (206) 575-7426



NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

From: Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>
Sent: Tuesday, July 29, 2025 8:29 AM
To: Tiffany Woods <tiffanyw@wciapool.org>
Subject: 875 NE Montel Terrace Tort Claim

Good Morning,

I am just writing to see if I can get a follow up on this case for our citizen. Any information would be greatly appreciated.

Thanks!

Sincerely,

Kaitlyn Conrath

--

Kaitlyn Conrath | Utilities Clerk

(509) 427-5970 | ext. 201
[7121 E. Loop Road](mailto:kaitlyn@ci.stevenson.wa.us) | PO Box 371
Stevenson, WA 98648-0371
[ci.stevenson.wa.us](mailto:kaitlyn@ci.stevenson.wa.us)

Any personal data acquired, processed or shared by us will be lawfully processed in line with applicable data protection legislation. If you have any questions regarding how we process personal data refer to our [Privacy Notice](#). Any communication including this email and files/attachments transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If this message has been sent to you in error, you must not copy, distribute or disclose of the information it contains and you must notify us immediately (contact is within the privacy policy) and delete the message from your system.

Harlan Stientjes <harlans@wciapool.org>
To: "Schak, Jim" <Jim.Schak@sedgwick.com>, Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Wed, Jul 30, 2025 at 9:00 AM

Kaitlyn,

I spoke with Jim yesterday and understand a portion of the claim the claimant is making is for the water bill owed to the City. Unfortunately, WCIA does not cover this cost as the City would then be collecting from its liability coverage. There are two policy exclusions that apply to this situation:

w. For any liability of a member arising in whole or in part, out of any member obtaining remuneration or financial gain to which the member was not legally entitled, except that any fact pertaining to any one member shall not

imputed to any other member for the purposed of determining the application of this exclusion.

ak. For any claim alleging, arising out of, based upon or attributable to: the gaining in fact of any profit, remuneration, benefit or advantage to which the member is not legally entitled; the return of any taxes, assessments; penalties, fines or fees; any award of salary, wages, benefits, back pay or earnings except for those awarded as compensatory damages resulting from a covered claim and occurrence.

Generally, we would encourage the City to look at a leak abatement process if it has one as part of the settlement with the claimant. If you have any questions about this, let me know.

Harlan Stientjes

Claim Manager

Washington Cities Insurance Authority

P.O. Box 88030, Tukwila, WA 98138

(206) 687-7902



[Quoted text hidden]

Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>
To: Harlan Stientjes <harlans@wciapool.org>

Wed, Jul 30, 2025 at 9:02 AM

Hi Harlan,

Thank you so much for your help. I will take this back to our city administrator.

Have a great rest of your week!

Sincerely,

Kaitlyn Conrath
[Quoted text hidden]

Kaitlyn Conrath | Utilities Clerk



(509) 427-5970 | ext. 201
7121 E. Loop Road | PO Box 371
Stevenson, WA 98648-0371
ci.stevenson.wa.us

Claim for Damages Form

RECEIVED

For Official Use Only

JUN 10 2025

City/Organization City of Stevenson Date Received from Claimant _____

Initial: _____

Claimant Information

Claimant's name: Molly Olsen Leckie Date of Birth: 2-1-1970

Current residential address: 875 NE Montell Terr. Stevenson WA 98648

Mailing address (if different): —

Residential address at the time of the incident (if different from current address): —

Claimant's daytime phone number (work, home or cell) 203 417-3636

Claimant's email address: molly.leckie@gmail.com

Incident Information

Date of the incident: Feb. 2, 2025 Time: _____ am/pm

If the incident occurred over a period of time, date of first and last occurrences:

From: Feb 2, 2025 To: April 2, 2025

Location of incident: NE Ridgecrest Drive

Name, addresses and telephone numbers of all persons involved in or witness to this incident: _____

Wade (?) Matlier and Sons Pumps, Inc. 12307 NE 95th St. Vancouver WA 98682
(360) 256-1310

Name of all of our employees having knowledge of this incident: City employees - Shut off water
April 2 (don't have names) Kaitlyn Conrath

Name, addresses and telephone numbers of all individuals not already identified above that have knowledge regarding the issues involved in this incident or knowledge of the claimant's resulting damages. Please include a brief description as to the nature and extent of each person's knowledge. Attach additional sheets if necessary.

- Wade, an employee of Matlier and Sons removed the pump and attempted to fix it. He determined that it was not salvageable. He said the cause of the failure was an air gap in the line from the city that caused the motor to run (unsuccessfully) and burn out. The heat from the motor caused the pipe to soften and blow out.
- Kaitlyn confirmed that the ensuing water usage happened after the City bled the lines on Ridgecrest during repairs to a line break on Bone Rd on Feb. 2

Describe the cause of the injury or damages. Explain the extent of the property loss or medical, physical or mental injuries. Attach additional sheets if necessary.

Service call to diagnose problem \$ 188.65
replacement of equipment \$ 12,284.73 13,924.67
water trucked in to our home \$ 500 Water bill: 13,925.51

Has this incident been reported to law enforcement? If so, which agency and name of officer (if known).

No

Have you filed a claim with your insurance carrier? If so, what is their name, phone number and claim number?

No

Name address and telephone numbers of treating medical providers. Please attach billings and records if available.

None

Please attach any other documentation that you believe support your claim's allegations

Additional Information Required for Automobile Claims Only

License Plate # _____ Year/ Make/ Model _____
Driver Name, Address & Phone _____
Owner Name, Address & Phone _____
Passenger(s) Name, Address & Phone _____

I am claiming damages in the amount of \$ 26,898.05

I declare under penalty of perjury under the laws of the State of Washington the foregoing is true and correct. This Claim form must be signed by the Claimant, a person holding a written power of attorney from the Claimant, by an attorney admitted to practice in Washington State on the Claimant's behalf or by a court-approved guardian or guardian ad litem on behalf of the Claimant.

M. Olsen

Signature of Claimant

6.10.25

Date

(If notarized, for notary to complete)

I certify that I know or have satisfactory evidence that Molly Olsen Leckie is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 6/10/25 Signature: [Signature] Title: Notary Public

My appointment expires: 2/24/27



MATHER & SONS PUMP SERVICE, INC.

12307 N.E. 95th ST. • PH. (360) 256-1310

VANCOUVER, WASHINGTON 98682

Nº 43180

 DATE 12-27-78

JOB NO.		
NAME <u>Molly Lertio</u>		
ADDRESS <u>875 NE Mantell Terrace</u>		
CITY <u>Shoreline</u>	STATE <u>WA</u>	ZIP <u>98148</u>

QUAN.	DESCRIPTION	AMOUNT
1	Has leaks in pump	
2	house that burnt	
3	up the pump,	
4		
5	Pulled Pump and leak pipe	
6	to take back to shop,	
7		
8		
9	Water Wagon	
10		
11	360-388-5097	
12	Sold	175.00
13	Paid Card Tax	13.05
14	Total	188.05
15		
16		
17		
18		

REC'D BY

**KEEP THIS SLIP
FOR REFERENCE**



Mather & Sons Pump Service Inc
12307 NE 95th Street
Vancouver WA 98682
Phone: 360-256-1310

INVOICE

DATE

5/2/2025

INVOICE #

0000046474

CUST #

0029224

BILL TO:

Molly Leckie
875 NE Montell Terrace
Stevenson WA 98648

SHIP TO:

Molly Leckie
875 NE Montell Terrace
Stevenson WA 98648

MatherPumps.com

P.O. NUMBER		TERMS	SALES PERSON	
		—	Des	
QUAN	DESCRIPTION			
1.00	600 Gallon Underground Reservoir Tank			
1.00	1 HP 10 GPM Booster Pump			
1.00	Bob Float			
1.00	Excavation & Backfill			
1.00	Miscellaneous Materials			
1.00	Labor			
1.00	Sub Total			

Licensed - Bonded - Insured - Since 1955 - WA License # MATHESP787R7 - OR CCB #55968

Water - Pumps - Electric Motors - Tanks - Valves - VFD Panels - Controls - Water Treatment & Conditioning



City of Stevenson has chosen to use our services as their trusted payment provider for a convenient way to pay your bill online. We wanted to let you know that your latest **Utility** statement for account **12910** is available to view online.

Service Address: 875 NE MONTELL TERRACE

Bill Due Date: 6/10/2025

Your Bill Total: \$13,935.51

This email does not contain full details of your bill. To view the full statement or to make a payment please [Login](#) or if you would like to checkout as a guest [Click Here](#).

Thank you,
Xpress Bill Pay



Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

RE: 875 NE Montel Terrace Tort Claim 25-1107

Schak, Jim <Jim.Schak@sedgwick.com>
To: Kaitlyn Conrath <kaitlyn@ci.stevenson.wa.us>

Thu, Aug 7, 2025 at 11:43 AM

Hi Kaitlyn,

If we were denying the entire claim yes we would send a denial letter. In this case there is coverage for the pump system. I have let her know that there is no coverage for the water bill and to submit a request for leak forgiveness reference the water bill. She has been out of town till today.

[Quoted text hidden]

Public Works Report

September 18, 2025

Cody Rosander, Public Works Director

Hello Stevenson Councilmembers,

I wanted to provide you with an update of the Public Works Department, I find this easiest to break Public Works into 6-8 groups, depending on the update. Below you find my notes from each section, thank you for your time.

Water

- Grayling working on finalizing phase 1B of the Long Term Water Supply, expecting the final version back soon.
- Cascade Water and Sewer line replacement is underway, Swofford to start work this week on the project.

Wastewater

- Crews experienced a problem with a lift station this week. After they pulled the pump, they found a large rock embedded in the pump housing. It was the first time crews had to engage in this work, which required removing a pump from the bottom of the well and clearing the material. The PW crew did a great job!
- Sewer letters of availability are nearly ready to go out in the mail, once we receive back the final document they will be dropped off at the post office.

Streets

- Lasher - Design team hit a snag with the storm system, they are reevaluating and waiting to get us 90% plans until things are very solid. Still working through funding, largely waiting for 90% plans to review project before pursuing more grants.
- Middle Russell Restriping, I am working with two vendors, awaiting quotes back from one of the two. I reached out to 2-3 other companies with no response.
- Road striping was pushed out by Clark County, awaiting to get back on the Schedule.

Equipment

- The PW department was able to purchase a used fleet vehicle within our equipment service budget, also using the sale of the generators to help procure the new fleet rig.

Parks

- Blow in Bark dust went into our downtown area and parks.

Staff

- This was the first full month of the PW crew being up on full staff, everyone was working into their rhythm and both Jake and Clay are proving to be great assets to the team.

City Administrator Report

September 18, 2025

Wesley Wootten, City Administrator

Finance

We are excited to announce that Jayne Borden has been hired as the new Finance Director! Jayne will serve as the city's treasurer and chief financial officer, overseeing all aspects of financial management. Please join us in welcoming Jayne to the team.

The budget planning process for 2026 has begun and the calendar for public hearings, state deadlines, and other planning meetings is being presented to council tonight.

The City continues navigating its annual audits (Single, Financial, Accountability) with the State Auditor's Office. All audits are likely to be completed by mid-October.

Public Works

The Public Works Team has been busy with multiple ongoing projects – Cascade Water and Sewer Line Replacement, Ash Alley Paving, Bark Dusting.

After several months of hiring and training, we have finally reached full staffing with the addition of Jake Truelove and Clay Bond to the team. We are pleased to have a solidified Public Works crew and looking forward to the value we know they will add.

Council Action Items

City Engineering Standards – The proposed new engineering standards that were outlined by Public Works Director Rosander and Tim Shell of Shell Engineering at the August council meeting. Council is asked to approve the ordinance to modernize and clarify the standards for Public Works projects.

City Hall & Operations

We are sad to announce that our Planning and Public Works Assistant, Tiffany Anderson, will be stepping down from her position. Tiffany has been a wonderful team member, was critical in keeping City Hall functioning, and has always been willing to step up to the plate when needed. We wish her the best in her future endeavors!

A new role – Permit & Records Manager – has been listed to replace Tiffany’s role which had expanded considerably during her tenure. We will be working quickly to get this critical spot filled.

Looking Ahead – Key Dates & Upcoming Items

September 2025 – Kick-off of 2026 budget planning with staff.

October 2025 – Public hearings begin for the 2026 budget.

Fall/Winter 2025 – Street overlay program and utility projects continue