

# Plan Change Request

Development Services  
333 S. Meridian  
Puyallup, WA 98371  
Phone: 253-864-4165  
www.cityofpuyallup.org



A plan change request is necessary for civil projects that propose substantial changes to the approved civil plans and requires additional review by City of Puyallup review staff. This application should be filled out completely and sent directly to the City Review Engineer assigned to the civil permit application via email.

## Project Information

Site Address/ Parcel #: 0420331121 Permit #: PRCCP20241189  
Owner: Washington State Fair Email: marty@thefair.com  
Design Engineer: Justin Jones Email: justin@jmjteam.com  
Contractor: Mountain Construction Email: ken@mountainconst.com

Originator of the Request:  Owner  Design Engineer  Contractor  City of Puyallup

- Does this request require a deviation from city standards?  Yes  No
- If yes, submit an Alternative Method's Request via the CityView Portal instead of this form

➤ Indicate the development infrastructure being affected

Road  Storm  Water  Sanitary  Grading  Erosion Control

➤ Specify the approved civil plans affected: C4-101, C4-103, C4-202, C6-101, C6-102, C6-106

➤ Describe the change(s) being requested:

Roof stormwater runoff that previously was bypassing the detention tank, will now be conveyed to the detention tank. The orifices in the control structure have been revised to meet flow control.

The RPBA has been moved from in front of the west side of the building to the field to the west. Subsequently, the location of the DDCVA will shift within the field.

➤ All signatures are required to process this request unless initiated by the City of Puyallup. Final approval/denial will be made by the City Review Engineer. All changes must be fully approved/denied prior to any work on the requested changes. Any work completed prior to approval is at the risk of the developer/contractor and may not be approved by the City.

Marty Mattes

Owner

Design Engineer

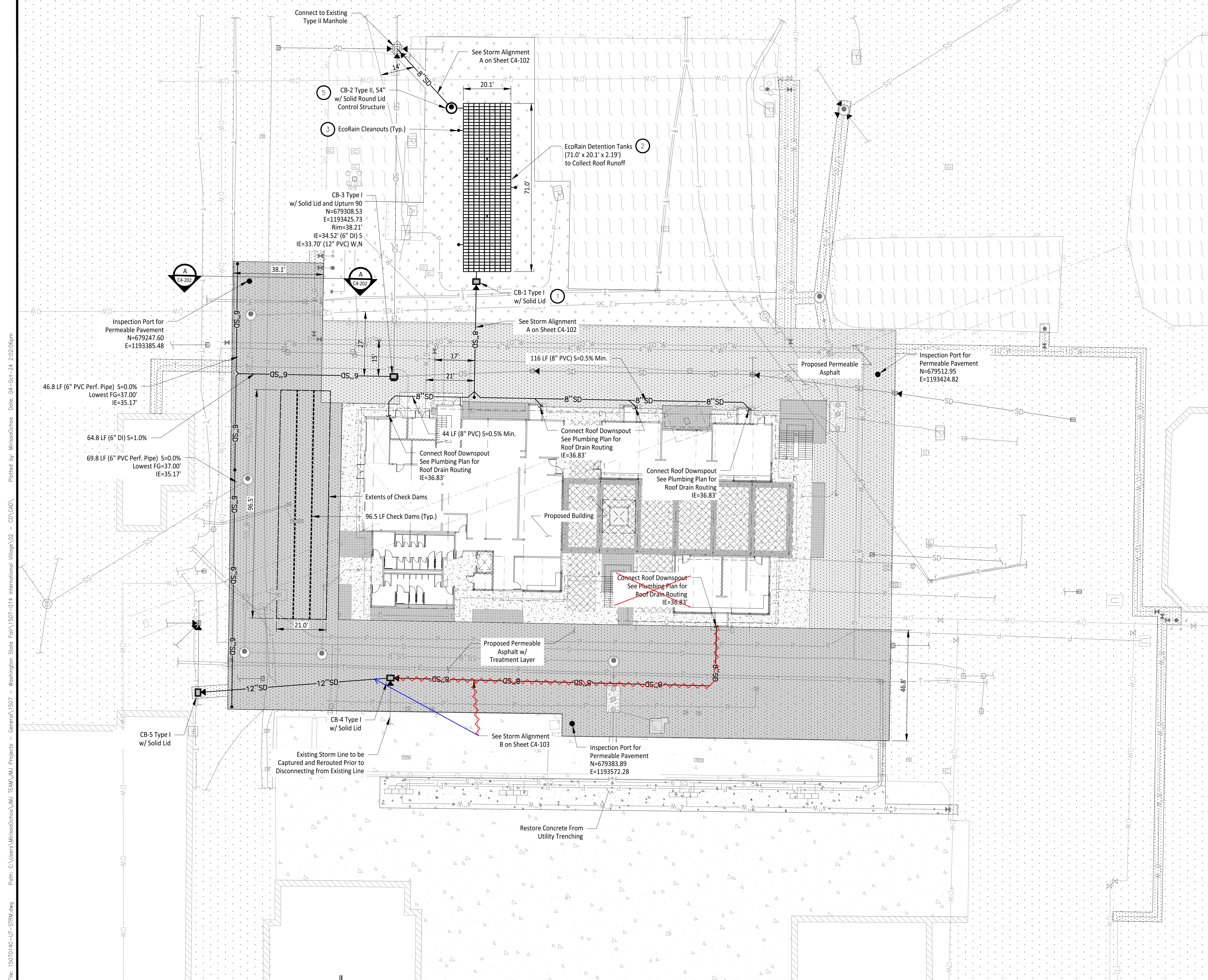
Contractor

City Inspector

City Reviewer

Approved/ Denied

Date: \_\_\_\_\_



### LEGEND

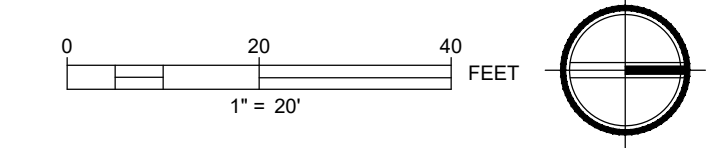
- Proposed Permeable Asphalt
- Proposed Permeable Asphalt w/ Treatment Layer
- Existing Storm Line
- Proposed Storm Line
- Proposed Check Dam
- Existing Type I Catch Basin
- Proposed Type I Catch Basin, Lid As Noted
- Proposed Type II Manhole, Lid As Noted
- Proposed Cleanout

- ### # CONSTRUCTION NOTES
1. Install Type I Catch Basin per City of Puyallup Standard Detail 02.01.02 on Sheet C4-201.
  2. Install EcoRain Detention Tanks per Details on Sheet C4-201.
  3. Install EcoRain Cleanouts per Details on Sheet C4-201.
  4. Install Type II Catch Basin per City of Puyallup Standard Detail 02.01.04 on Sheet C4-201.
  5. Install Control Structure per City of Puyallup Standard Detail 02.01.06 on Sheet C4-202.

- ### GENERAL NOTES
1. Contractor to pothole, locate horizontal and vertical utilities, and verify with engineer prior to any utility work.
  2. Soils below permeable pavement to be scarified prior to installing pavement. See Porous Pavement Subgrade Preparation Notes on Sheet C3-301.
  3. PVC pipes shall be SDR 35.
  4. Pipe Trenching shall conform to City of Puyallup Standard Detail 06.01.01 on Sheet C4-201.
  5. All storm rim, invert, pipe length, size and material are detailed in Stormwater Plan & Profile Sheets C4-102 - C4-103.

**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic



**APPROVED**

*Justin Jones*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE: **10/11/2024**

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

CALL TWO BUSINESS DAYS BEFORE YOU DIG

1-800-424-5555  
UTILITIES UNDERGROUND LOCATION CENTER

Owner/Developer:  
**Washington STATE FAIR PUYALLUP**

Washington State Fair  
110 9th Ave SW  
Puyallup, WA 98371  
(253) 841-5356

Architect:  
Jeff Brown Architecture  
12181 C Street South  
Tacoma, WA 98444  
(253) 606-8324  
Contact: Jeff Brown

Engineer:  
**JMTEAM**

Justin Jones, PE  
905 Main St, Suite 200  
Sumner, WA 98390  
(206) 596-2020

Project:  
**Washington State Fair International Village Redevelopment**

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

Civil Construction Permit



REV	DATE	DESCRIPTION
1	09-20-24	City Comment Cycle #1
2	10-04-24	City Comment Cycle #2

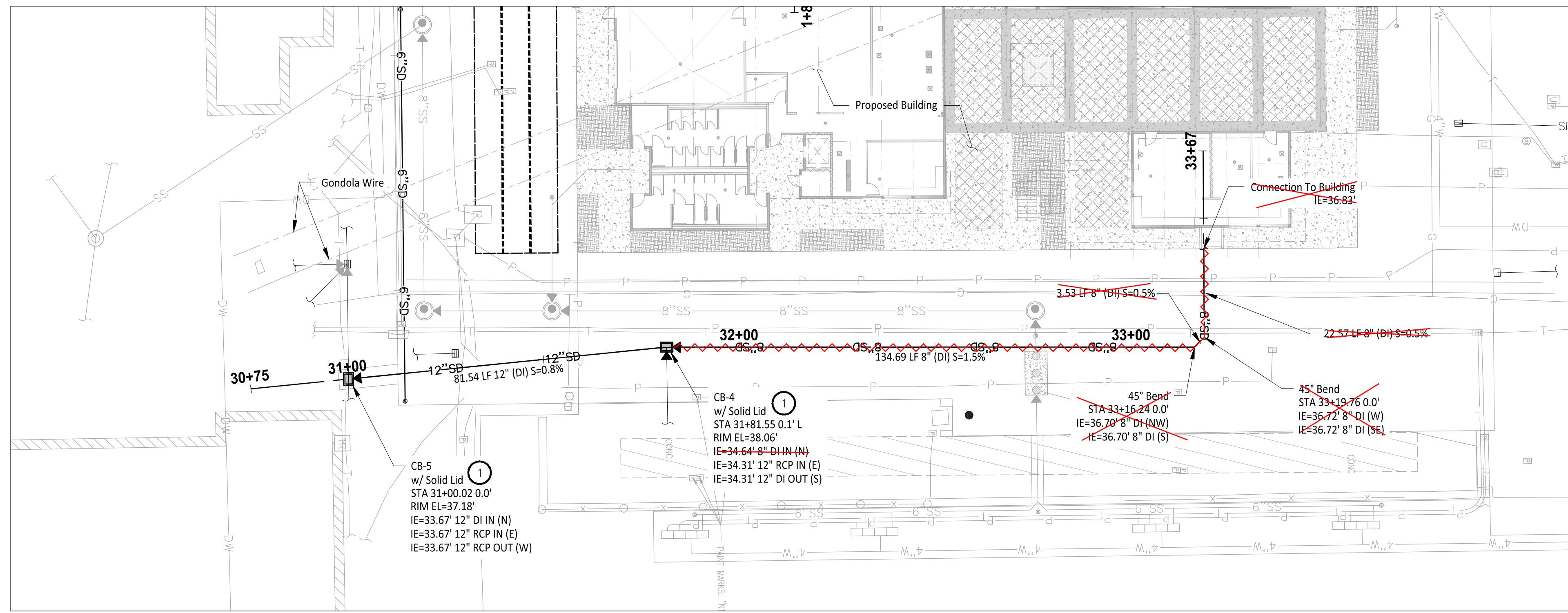
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PROJ. NO.: 1507-014  
DATE: October 4, 2024

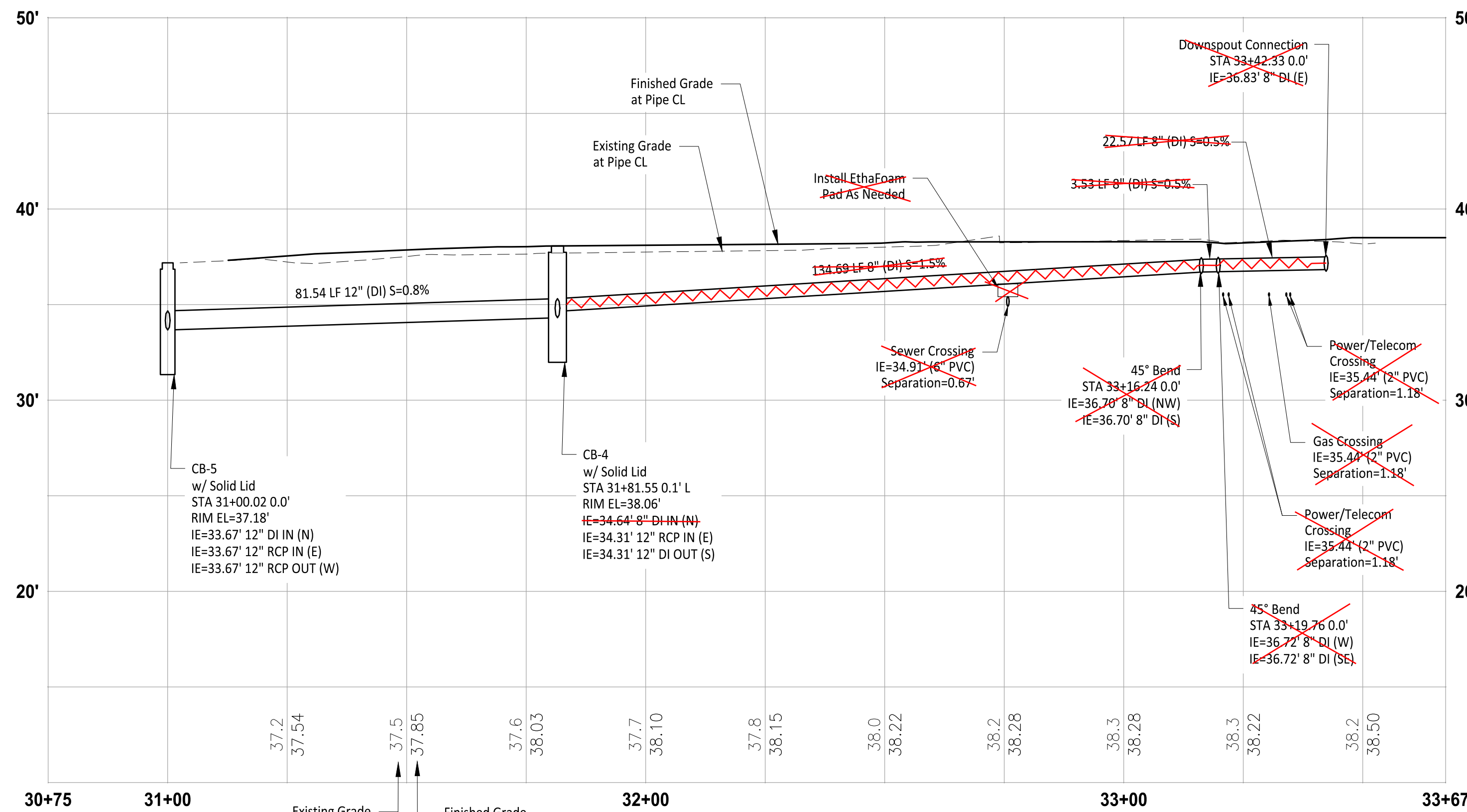
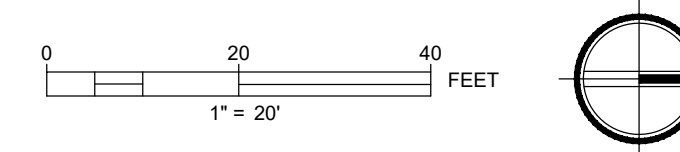
**Composite Stormwater Plan**

DWG. **C4-101**  
19 of 39

File: 1507014C-STRM-PROJ1.dwg Path: C:\Users\Missaochoa\My Documents\Projects - Central\1507 - Washington State Fair\1507-014 International Village\02 - CD\CAD\ Plotted by: Missaochoa Date: 04-Oct-24 2:02:25pm



**STORM ALIGNMENT B**



**STORM ALIGNMENT B PROFILE**

HORIZ: 1"=20'  
VERT: 1"=5'

**LEGEND**

- Existing Landscape
- Existing Asphalt
- Existing Concrete
- Proposed Concrete Pavement
- Proposed Permeable Asphalt Pavement
- Proposed Asphalt Pavement
- Proposed Landscape
- Existing Catch Basin
- Proposed Catch Basin Type I
- Proposed Catch Basin Type II

**CONSTRUCTION NOTES**

1. Install Type I Catch Basin per City of Puyallup Std Detail 02.01.02 on Sheet C4-201.
2. Install Type II Catch Basin per City of Puyallup Std Detail 02.01.04 on Sheet C4-201.

Owner/Developer:

**Washington STATE FAIR**  
PUYALLUP

Washington State Fair  
110 9th Ave SW  
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Project:

Washington State Fair  
International Village  
Redevelopment

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Civil Construction  
Permit



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**City of Puyallup**  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**APPROVED**

*Justin Jones*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE: 10/11/2024

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1-800-424-5555  
UTILITIES UNDERGROUND LOCATION CENTER

DRAWN BY: MO DESIGN BY: JJ

PROJ. NO: 1507-014

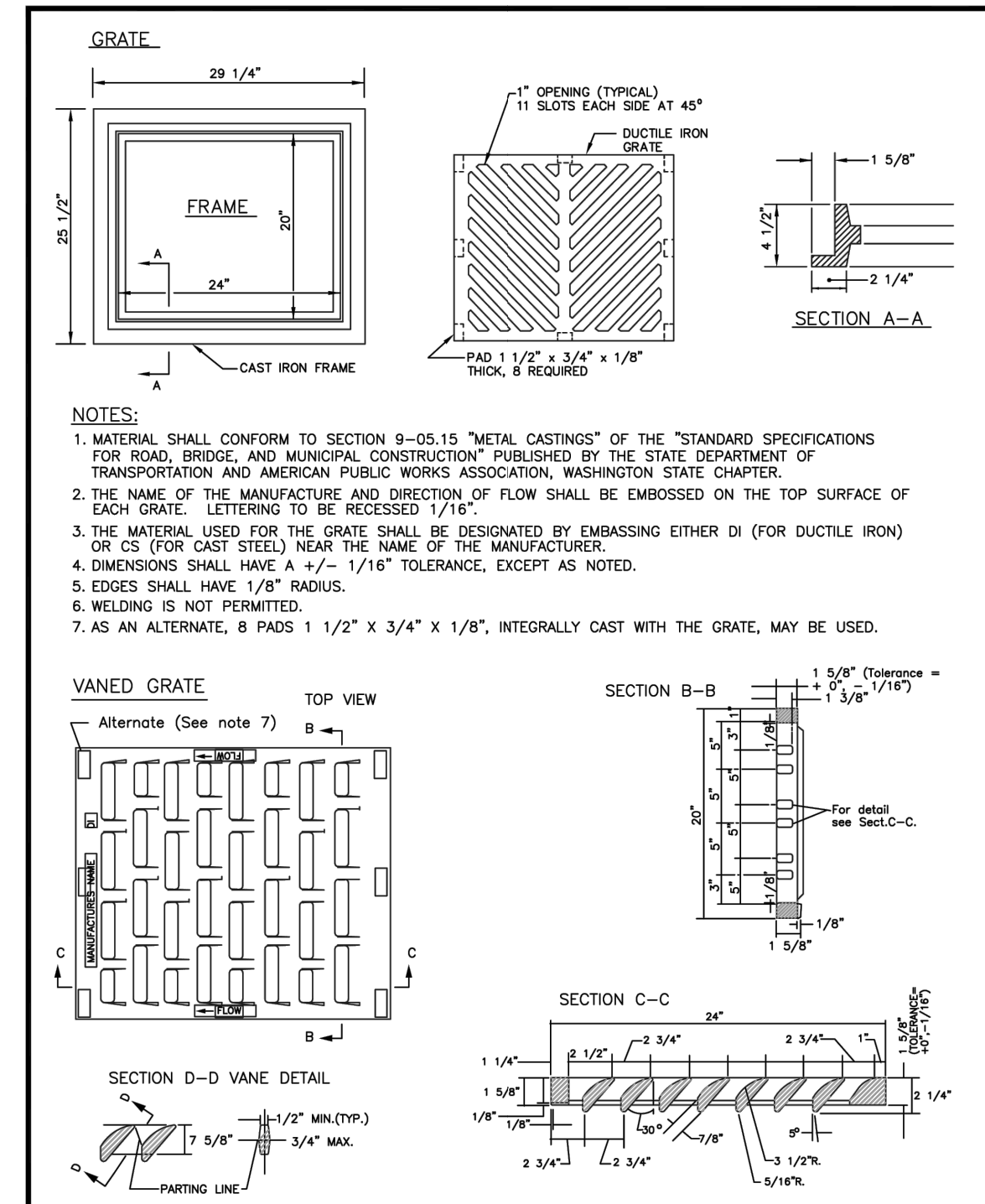
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SHEET NAME

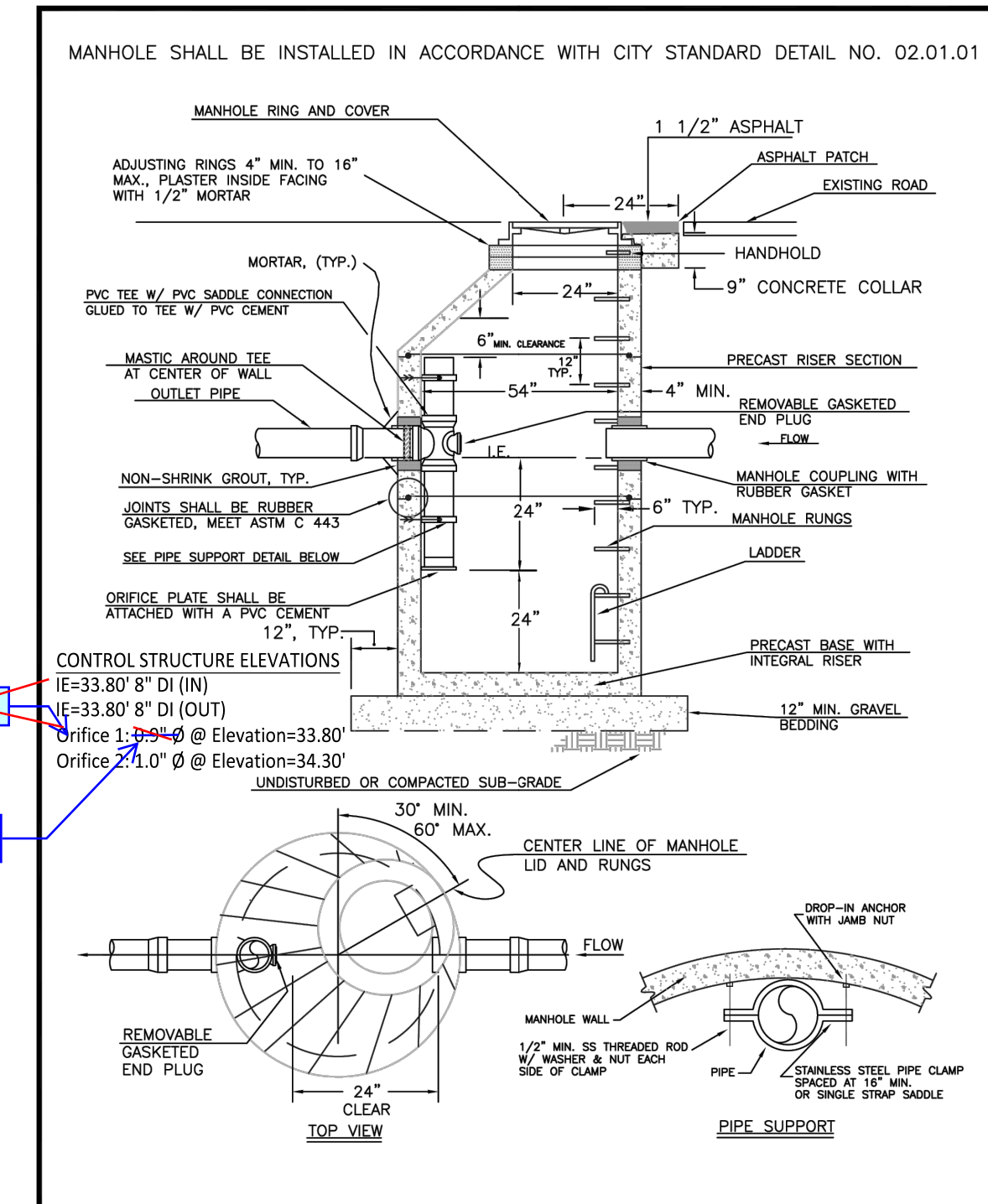
**Storm Plan & Profile**

DWG. **C4-103**  
21 of 39

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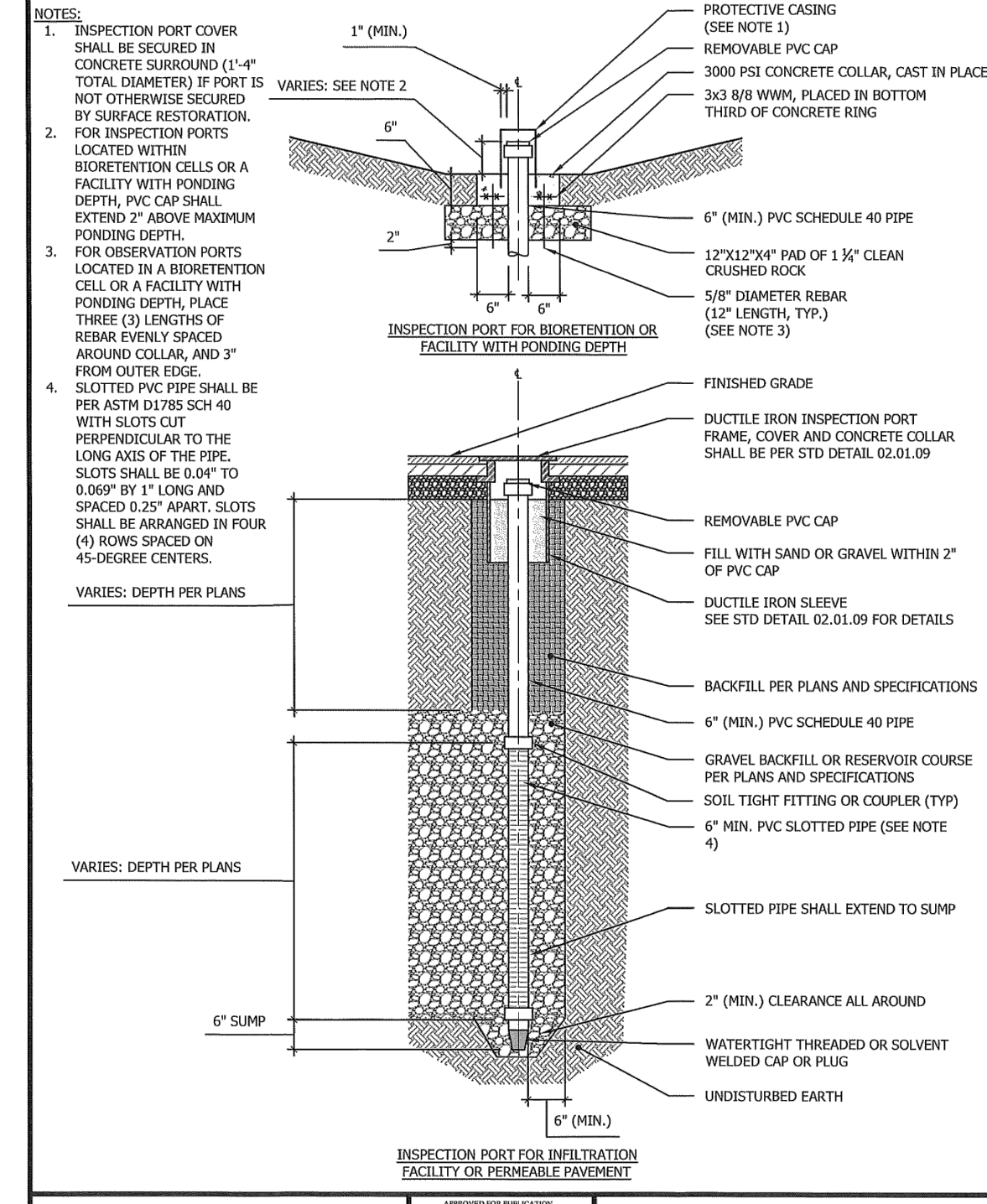
<b>CITY OF PUYALLUP</b>	<b>CATCH BASIN FRAME AND GRATE/VANED GRATE</b>
DESIGNED BY: LINDA LANSING	DESIGNED BY: LINDA LANSING
CHECKED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARBS	APPROVED BY: COLLEEN HARBS
DATE: 02.01.05	DATE: 02.01.05



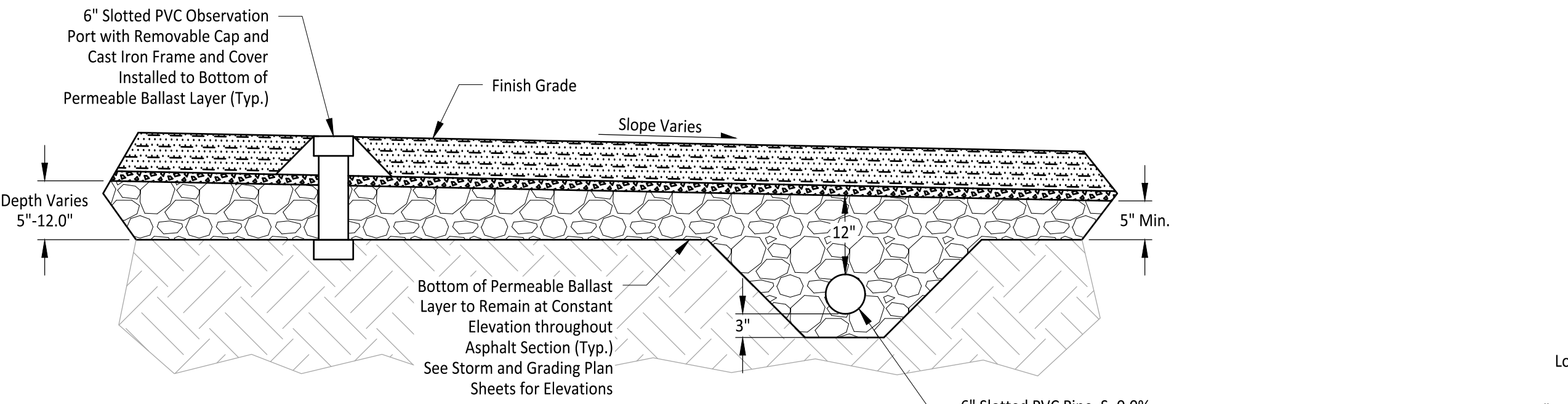
<b>CITY OF PUYALLUP</b>	<b>FLOW CONTROL MANHOLE WITH CONE SECTION</b>
DESIGNED BY: LINDA LANSING	DESIGNED BY: LINDA LANSING
CHECKED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARBS	APPROVED BY: COLLEEN HARBS
DATE: 02.01.06	DATE: 02.01.06

- NOTES FOR FLOW CONTROL MANHOLE:**
1. NEAT LINE CUTS SHALL BE AT TOP WITH A HOT PAVING GRADE ASPHALT AND FACE OF CUT TACKED.
  2. FLOW CONTROL MANHOLES SHALL BE USED AS A SINGLE USE STRUCTURE.
  3. MANHOLE RUNG SHALL CONFORM TO SECTION R, ASTM C 478 (ASHTO M-199) AND MEET ALL WISHA REQUIREMENTS. MANHOLE RUNGS SHALL BE PARALLEL OR APPROXIMATELY RADIAL AT THE OPTION OF THE MANUFACTURER, EXCEPT THAT ALL STEPS IN ANY MANHOLE SHALL BE SIMILAR. PENETRATION OF OUTER WALL BY A RUNG LEG IS PROHIBITED. SEE MANHOLE STEP AND LADDER DETAIL, CITY STANDARD DETAIL NO. 06.01.04.
  4. PRECAST RISER SECTION SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE WALL THICKNESS OF TWO (2) INCHES MINIMUM. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAMETER PLUS MANHOLE WALL THICKNESS. MINIMUM DISTANCE BETWEEN HOLES IS EIGHT (8) INCHES.
  5. PRECAST CONCRETE MANHOLE COMPONENTS SHALL CONFORM TO ASTM C 478.
  6. FLEXIBLE JOINTS SHALL BE RUBBER GASKETED IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS. MORTARED, DRY-PACKED, OR CAST-IN-PLACE JOINTS WILL BE PERMITTED FOR CONNECTIONS TO OR THROUGH MANHOLES. A FLEXIBLE GASKETED JOINT SHALL BE INSTALLED WITHIN ONE (1) FOOT OF EACH CONNECTION TO OR THROUGH SAID MANHOLES. CONNECTIONS TO MANHOLE WITH PVC PIPE SHALL UTILIZE A MANHOLE COUPLING AND RUBBER GASKET.
  7. THE COVER ON THE MANHOLE SHALL BE MARKED WITH "STORM" OR "DRAIN" IN TWO (2) INCH RAISED LETTERS. SEE MANHOLE RING AND COVER DETAIL, CITY STANDARDS DETAIL NO. 06.01.02 AND 06.01.03.
  8. STAINLESS STEEL PIPE CLAMP WITH 1/2" DIAMETER STAINLESS STEEL THREADED ROD WITH WASHER AND NUT EACH SIDE OF CLAMP. PROVIDE 1/2" DIAMETER DROP-IN ANCHOR WITH JAMB NUT AT WALL. PIPE CLAMPS SHALL BE PLACED AT SIXTEEN (16) INCHES ON CENTER.
  9. FLOW CONTROL UNIT SHALL BE MADE FROM PVC PIPE AND SHALL CONFORM TO THE STANDARD PIPE SPECIFICATIONS.

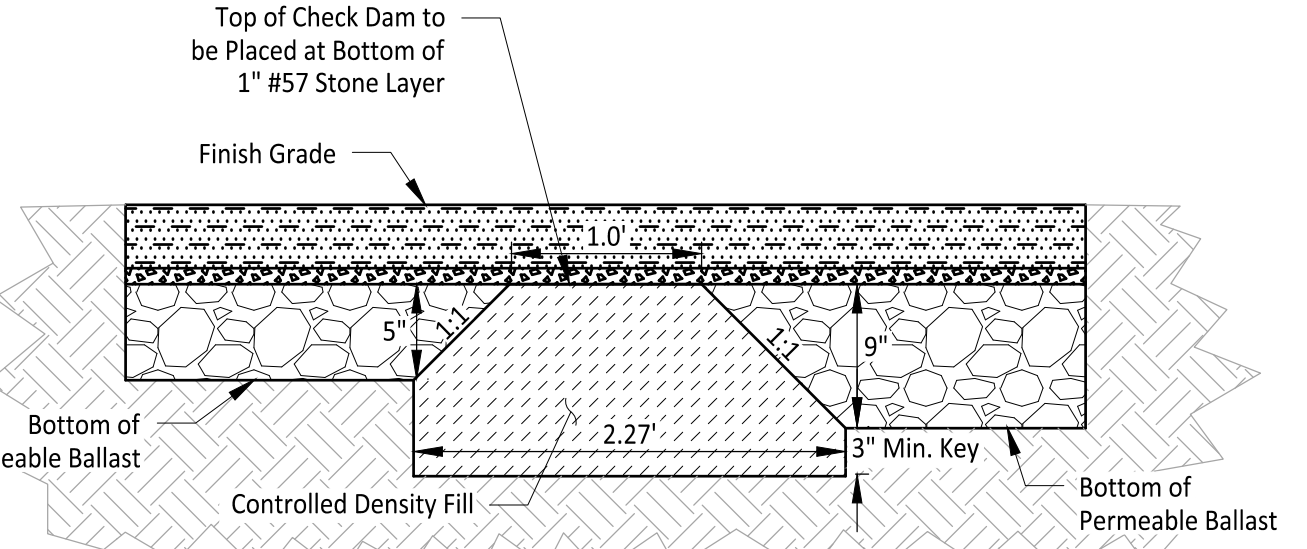
<b>CITY OF PUYALLUP</b>	<b>FLOW CONTROL MANHOLE NOTES</b>
DESIGNED BY: LINDA LANSING	DESIGNED BY: LINDA LANSING
CHECKED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARBS	APPROVED BY: COLLEEN HARBS
DATE: 02.01.08	DATE: 02.01.08



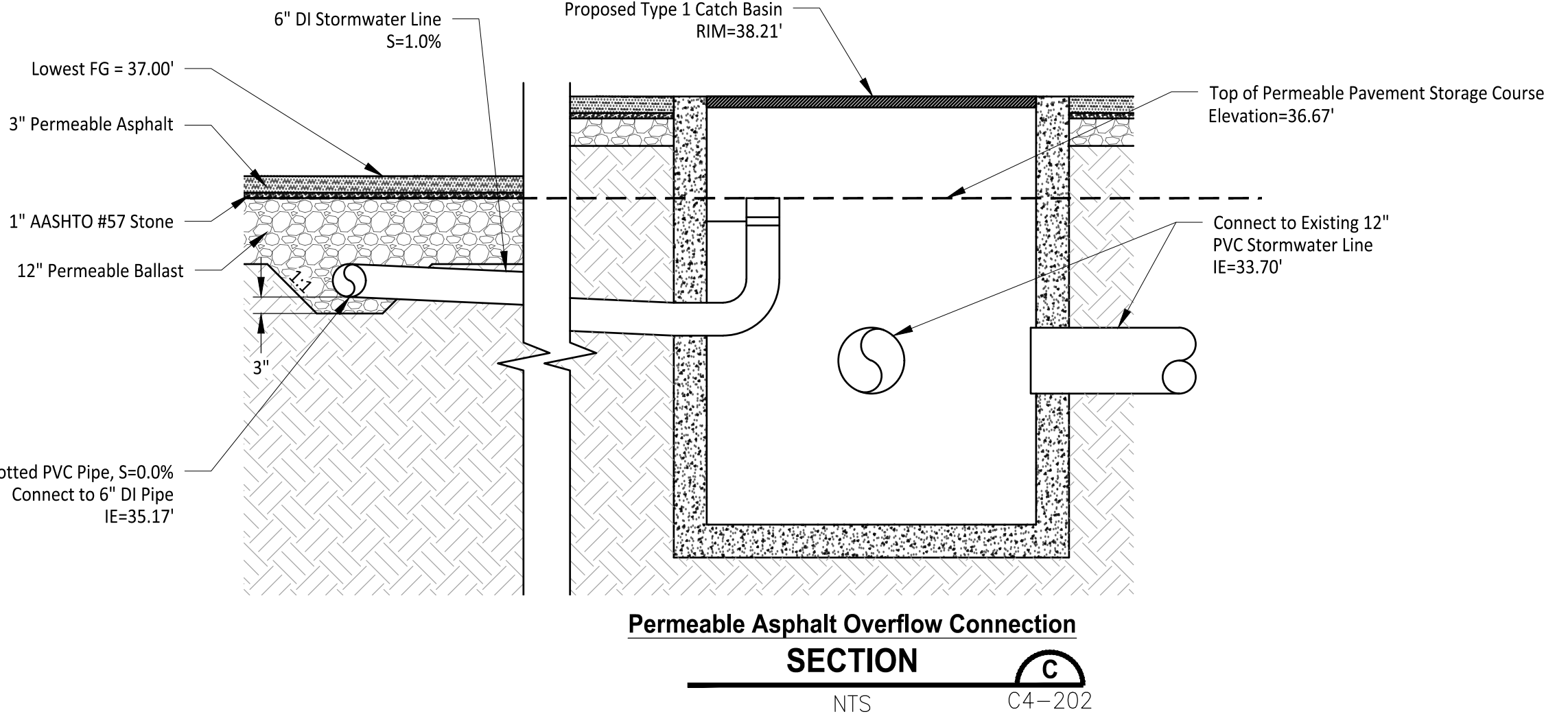
<b>CITY OF PUYALLUP</b>	<b>STORM DRAIN INSPECTION PORT</b>
DESIGNED BY: LINDA LANSING	DESIGNED BY: LINDA LANSING
CHECKED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARBS	APPROVED BY: COLLEEN HARBS
DATE: 02.01.10	DATE: 02.01.10



**Permeable Asphalt Pavement Underdrain SECTION A**  
NTS C4-202



**Permeable Asphalt Check Dam SECTION B**  
1" = 1' C4-202



**Permeable Asphalt Overflow Connection SECTION C**  
NTS C4-202

**City of Puyallup Development & Permitting Services ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**APPROVED**

*[Signature]*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE: 10/11/2024

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

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1-800-424-5555  
UTILITIES UNDERGROUND LOCATION CENTER

Owner/Developer:  
**Washington State Fair PUYALLUP**  
110 9th Ave SW  
Puyallup, WA 98471  
(253) 841-5356

Architect:  
Jeff Brown Architecture  
12181 C Street South  
Tacoma, WA 98444  
(253) 606-8324  
Contact: Jeff Brown

Engineer:  
**JM TEAM**  
Justin Jones, PE  
905 Main St, Suite 200  
Sumner, WA 98490  
(206) 596-2020

Project:  
**Washington State Fair International Village Redevelopment**

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

Civil Construction Permit

10-04-24

REV	DATE	DESCRIPTION
1	09-20-24	City Comment Cycle #1
2	10-04-24	City Comment Cycle #2

DRAWN BY: MO DESIGN BY: JJ

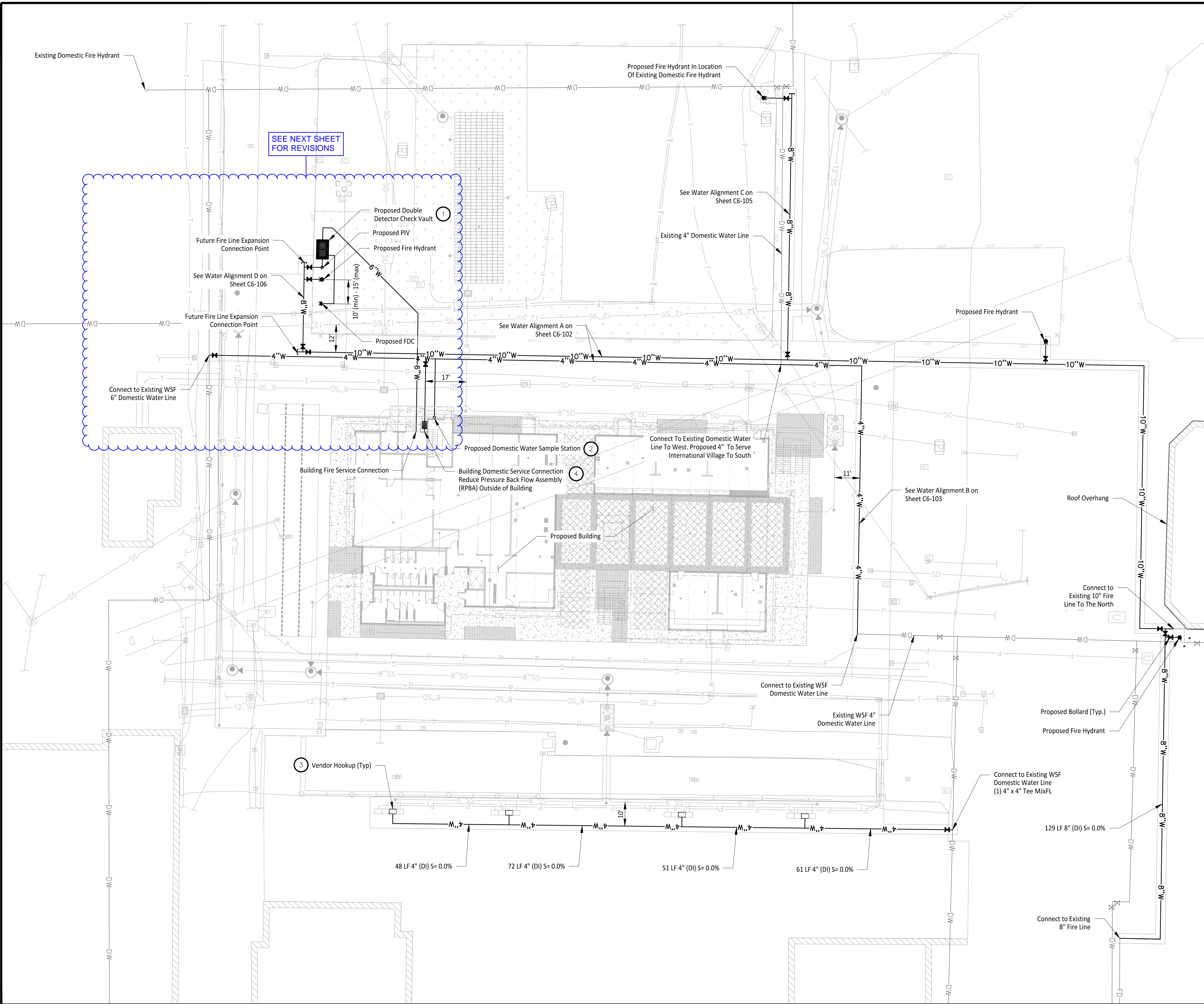
PROJ. NO: 1507-014 DATE: October 4, 2024

SHEET NAME: **Stormwater Details**

DWG. **C4-202**

23 OF 39

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**LEGEND**

- DW — Existing Domestic Water Line
- FD — Existing Fire Line
- #” W — Proposed Water Line
- Existing Fire Hydrant
- Proposed FDC
- Proposed Fire Hydrant
- Proposed DCVA

**CONSTRUCTION NOTES**

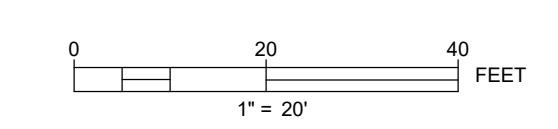
1. Install DDCVA Per City of Puyallup Standard Detail 03.10.01-1 and 03.10.01-2 on Sheet C6-201.
2. Install Sampling Station per City of Puyallup Standard Detail 03.08.01 on Sheet C6-202.
3. Install Vendor Hookups per Detail A on Sheet C6-202.
4. Install RPBA per City of Puyallup Standard Detail 03.04.02 on Sheet C6-202.

**GENERAL NOTES**

1. Contractor to pothole, locate horizontal and vertical utilities and verify with engineer prior to any utility work.
2. All water fittings, pipe length, size and material are detailed in Water Plan & Profile Sheets C6-102 - C6-106.

**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic



**FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED**

BY: *Daniel Date*  
 CITY OF PUYALLUP  
 FIRE CODE OFFICIAL  
 DATE: **10/15/2024**

NOTE: THIS APPROVAL IS VOID AFTER 1 YEAR FROM APPROVAL DATE.  
 THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.  
 FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE FIRE CODE OFFICIAL.

**APPROVED**

*M. J. Jones*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: **10/11/2024**

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Owner/Developer:  
**Washington STATE FAIR**  
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Project:  
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REV	DATE	DESCRIPTION
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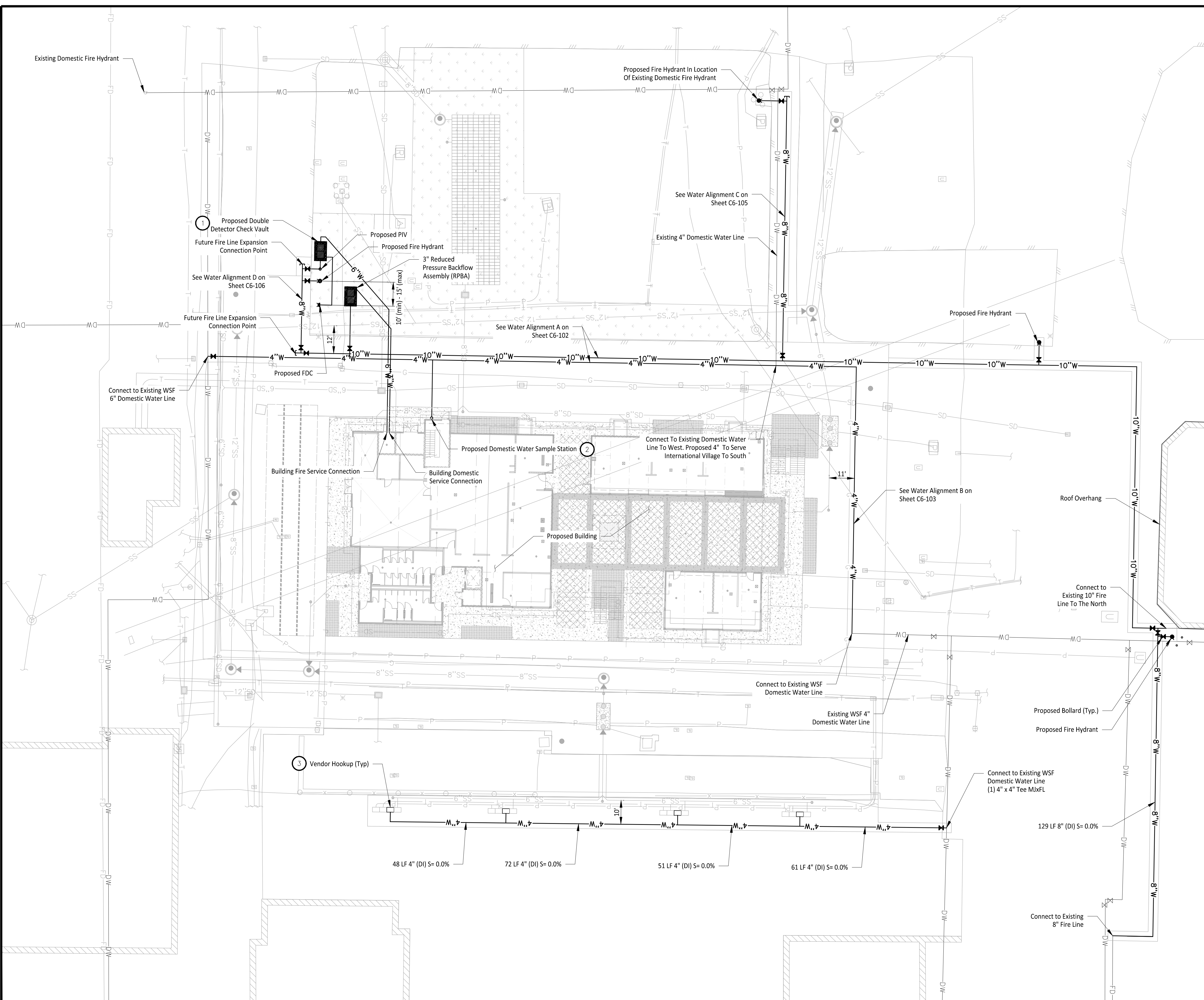
DRAWN BY: MO    DESIGN BY: JJ

PROJ. NO.: 1507-014  
 DATE: October 4, 2024

**Composite  
 Water Plan**

CALL TWO BUSINESS DAYS  
 BEFORE YOU DIG  
 1-800-424-5555  
 UTILITIES UNDERGROUND LOCATION CENTER

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**LEGEND**

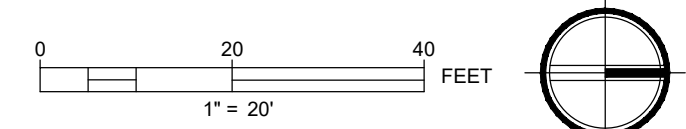
- DW — Existing Domestic Water Line
- FD — Existing Fire Line
- #\"/>

**CONSTRUCTION NOTES**

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2. Install Sampling Station per City of Puyallup Standard Detail 03.08.01 on Sheet C6-202.
3. Install Vendor Hookups per Detail A on Sheet C6-202.
4. Install RPBA per City of Puyallup Standard Detail 03.04.03 on Sheet C6-202.

**GENERAL NOTES**

1. Contractor to pothole, locate horizontal and vertical utilities and verify with engineer prior to any utility work.
2. All water fittings, pipe length, size and material are detailed in Water Plan & Profile Sheets C6-102 - C6-106.



**FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED**

BY: CITY OF PUYALLUP  
FIRE CODE OFFICIAL

DATE:

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**APPROVED**

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DEVELOPMENT ENGINEERING

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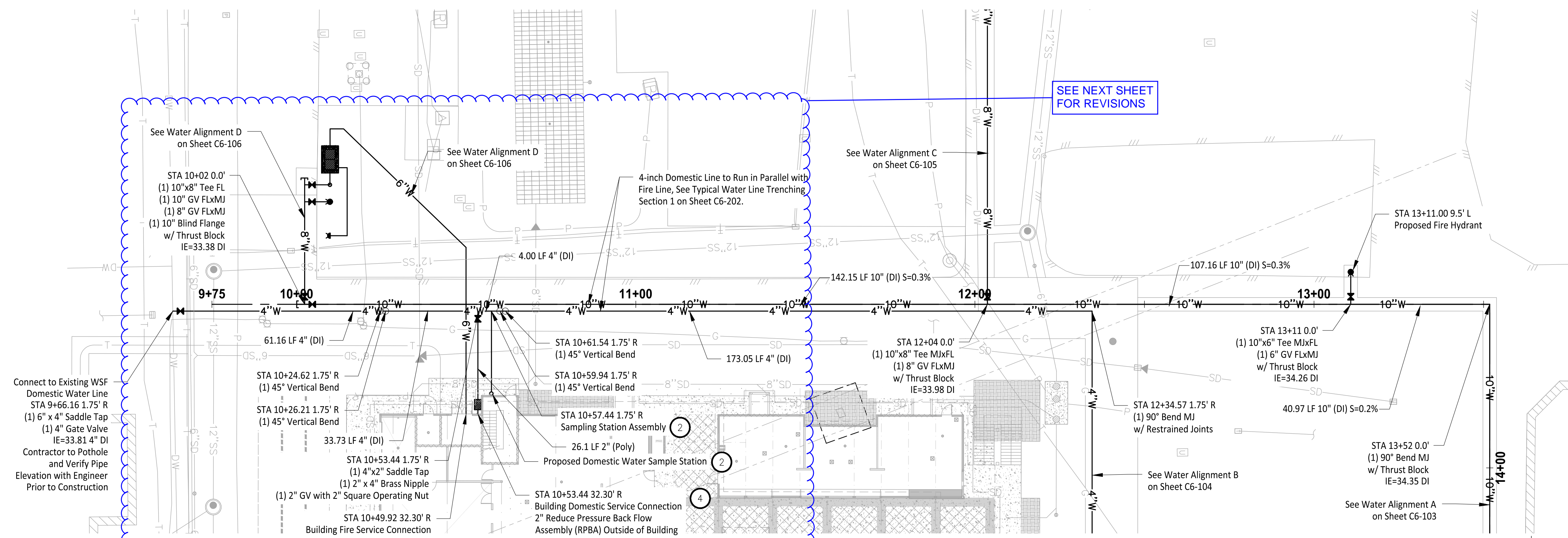
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PROJ. NO: 1507-014  
DATE: October 4, 2024

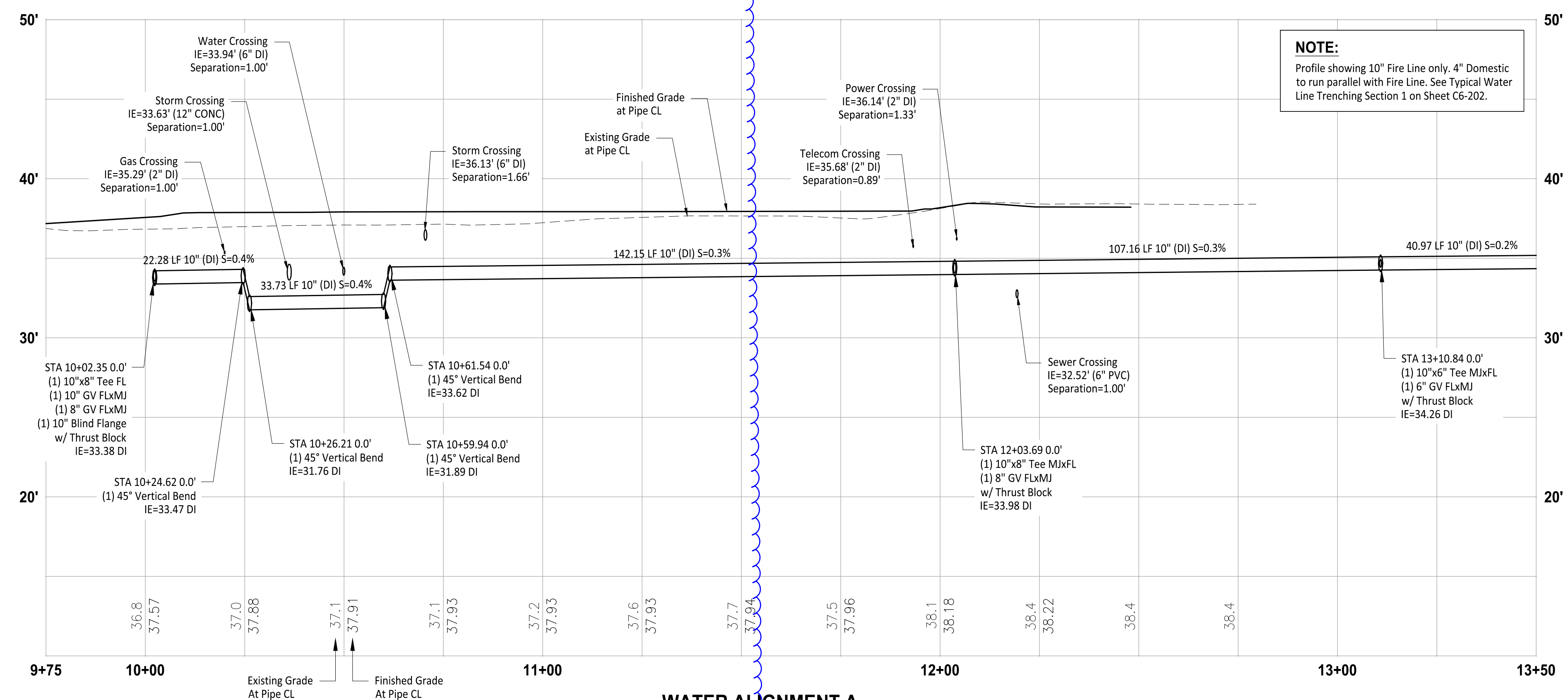
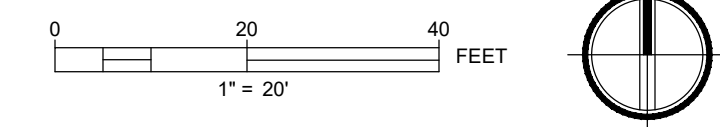
SHEET NAME  
**Composite Water Plan**

DWG. NO.  
**C6-101**  
30 OF 39

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 File: 1507014C-WTR-PROFILE.dwg



**WATER ALIGNMENT A**



**WATER ALIGNMENT A PROFILE**

HORIZ: 1"=20'  
VERT: 1"=5'

**LEGEND**

- Existing Domestic Water Line
- Existing Fire Line
- Proposed Water Line
- Existing Fire Hydrant
- Proposed FDC
- Proposed Fire Hydrant
- Proposed DCVA

**CONSTRUCTION NOTES**

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2. Install Sampling Station per City of Puyallup Standard Detail 03.08.01 on Sheet C6-202.
3. Install Vendor Hookups per Detail A on Sheet C6-202.
4. Install RPBA per City of Puyallup Standard Detail 03.04.02 on Sheet C6-202.

**GENERAL NOTES**

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**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

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Engineering	Public Works
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**FIRE HYDRANT/FDC  
LOCATION/ACCESS APPROVED**

BY: *Daniel Dade*  
CITY OF PUYALLUP  
FIRE CODE OFFICIAL

DATE: 10/15/2024

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**APPROVED**

*[Signature]*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

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Owner/Developer:

**Washington  
STATE FAIR  
PUYALLUP**

Washington State Fair  
110 9th Ave SW  
Puyallup, WA 98371  
(253) 841-5356

Architect:  
Jeff Brown Architecture  
12181 C Street South  
Tacoma, WA 98444  
(253) 606-8324  
Contact: Jeff Brown

Engineer:

**JM TEAM**

Justin Jones, PE  
905 Main St, Suite 200  
Sumner, WA 98390  
(206) 596-2020

Project:  
Washington State Fair  
International Village  
Redevelopment

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

Civil Construction  
Permit



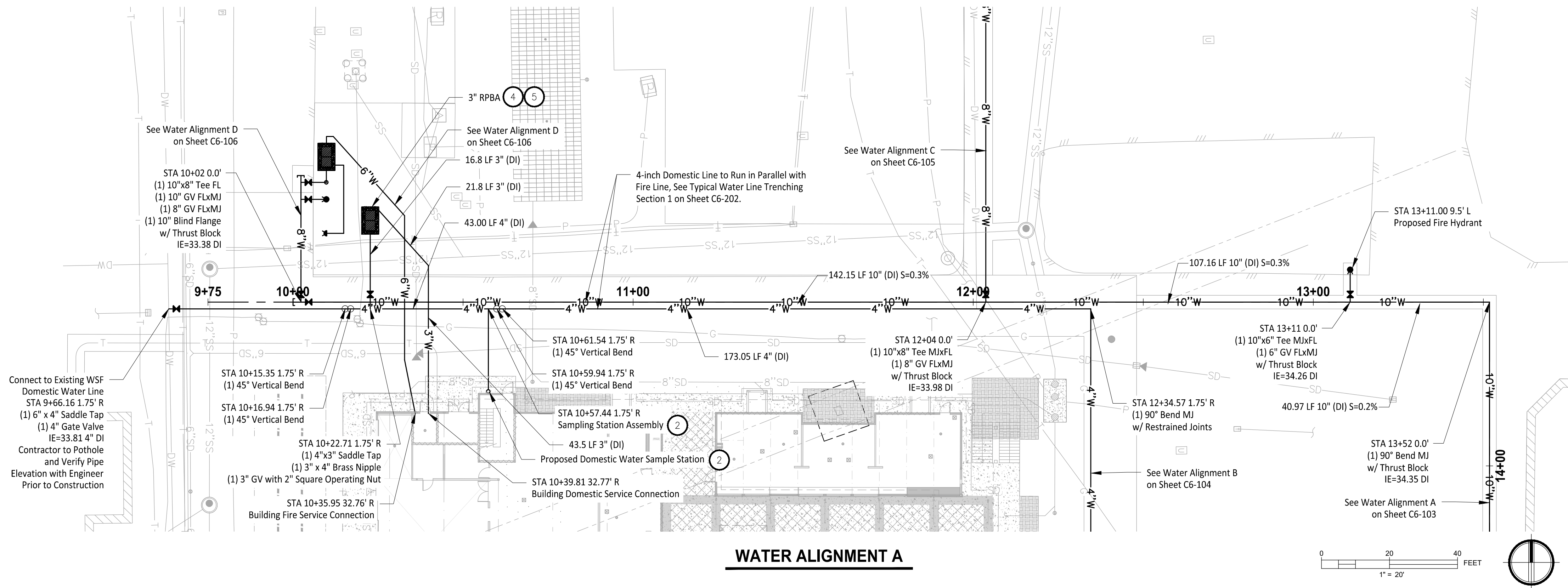
REV	DATE	DESCRIPTION
1	09-20-24	City Comment Cycle #1
2	10-04-24	City Comment Cycle #2

DRAWN BY:	MO	DESIGN BY:	JJ
PROJ. NO.:	1507-014	DATE:	October 4, 2024

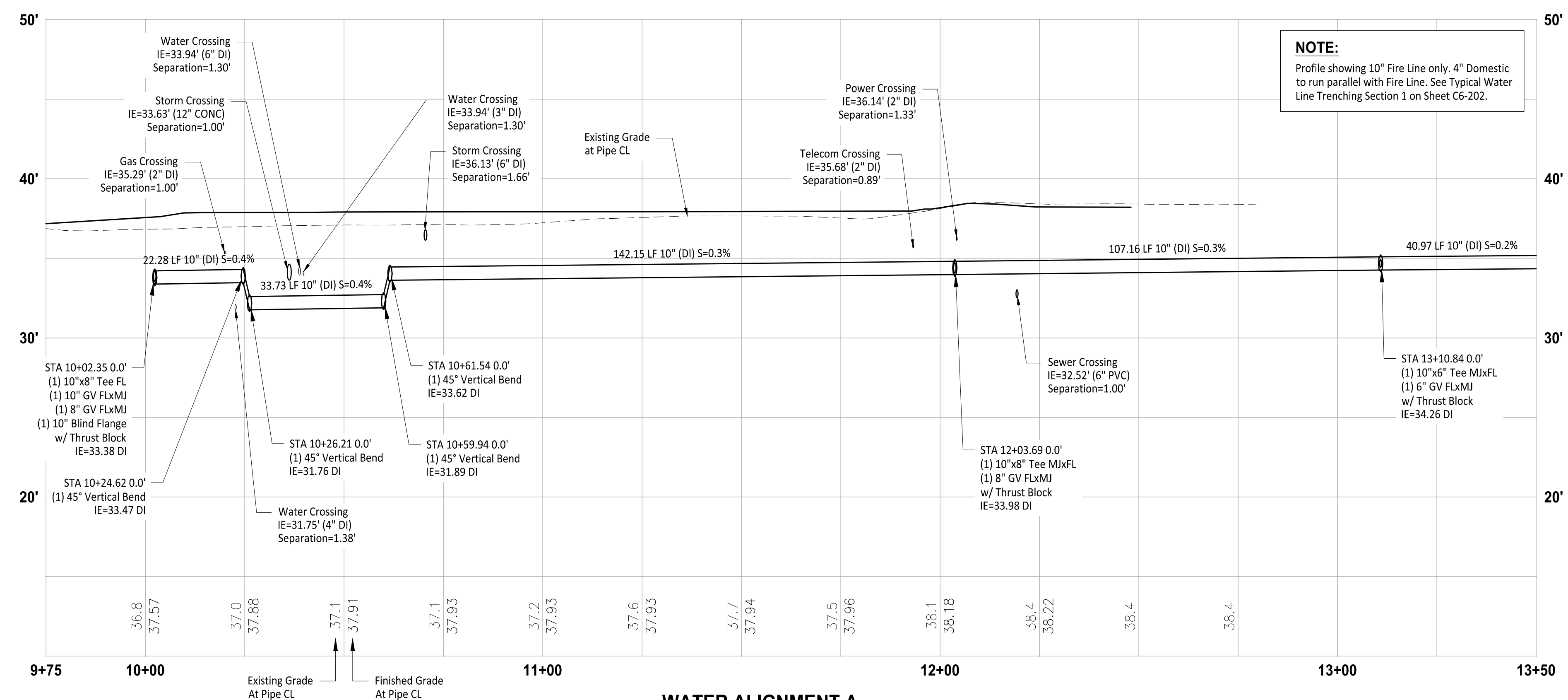
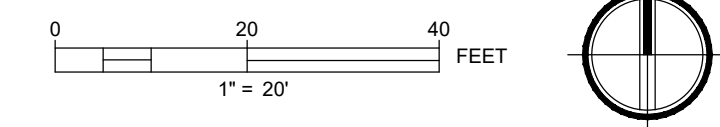
SHEET NAME:  
**Water Plan &  
Profile**

DWG. No. **C6-102**

File: I:\07014C-WATER-PROFILE.dwg Path: C:\Users\DerekMansola\My Documents\Projects - General\1507 - Washington State Fair\1507-014 International Village\02 - CD\CAD\ Plotted by: DerekMansola Date: 09-Dec-24 3:03:39pm



**WATER ALIGNMENT A**



**WATER ALIGNMENT A PROFILE**

HORIZ: 1"=20'  
VERT: 1"=5'

**NOTE:**  
Profile showing 10" Fire Line only. 4" Domestic to run parallel with Fire Line. See Typical Water Line Trenching Section 1 on Sheet C6-202.

**LEGEND**

- Existing Domestic Water Line
- Existing Fire Line
- Proposed Water Line
- Existing Fire Hydrant
- Proposed FDC
- Proposed Fire Hydrant
- Proposed DCVA

**CONSTRUCTION NOTES**

- Install DDCVA Per City of Puyallup Standard Detail 03.10.01-1 and 03.10.01-2 on Sheet C6-201.
- Install Sampling Station per City of Puyallup Standard Detail 03.08.01 on Sheet C6-202.
- Install Vendor Hookups per Detail A on Sheet C6-202.
- Install RPBA per City of Puyallup Standard Detail 03.04.03 on Sheet C6-202.
- Install Safe-T-Cover enclosure with slab heater or equivalent.

**GENERAL NOTES**

- Contractor to pothole, locate horizontal and vertical utilities and verify with engineer prior to any utility work.

**FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED**

BY: CITY OF PUYALLUP  
FIRE CODE OFFICIAL

DATE:

**NOTE:** THIS APPROVAL IS VOID AFTER 1 YEAR FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE FIRE CODE OFFICIAL.

**APPROVED**

BY: CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE:

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

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Contact: Jeff Brown

Engineer:



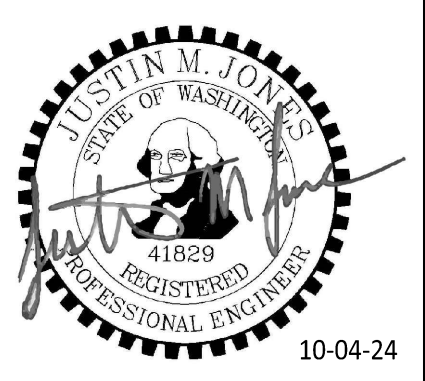
Justin Jones, PE  
905 Main St. Suite 200  
Sumner, WA 98390  
(206) 596-2020

Project:

Washington State Fair International Village Redevelopment

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

Civil Construction Permit



REV	DATE	DESCRIPTION
1	09-20-24	City Comment Cycle #1
2	10-04-24	City Comment Cycle #2

DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	

DRAWN BY: MO DESIGN BY: JJ

PROJ. NO: 1507-014  
DATE: October 4, 2024

SHEET NAME

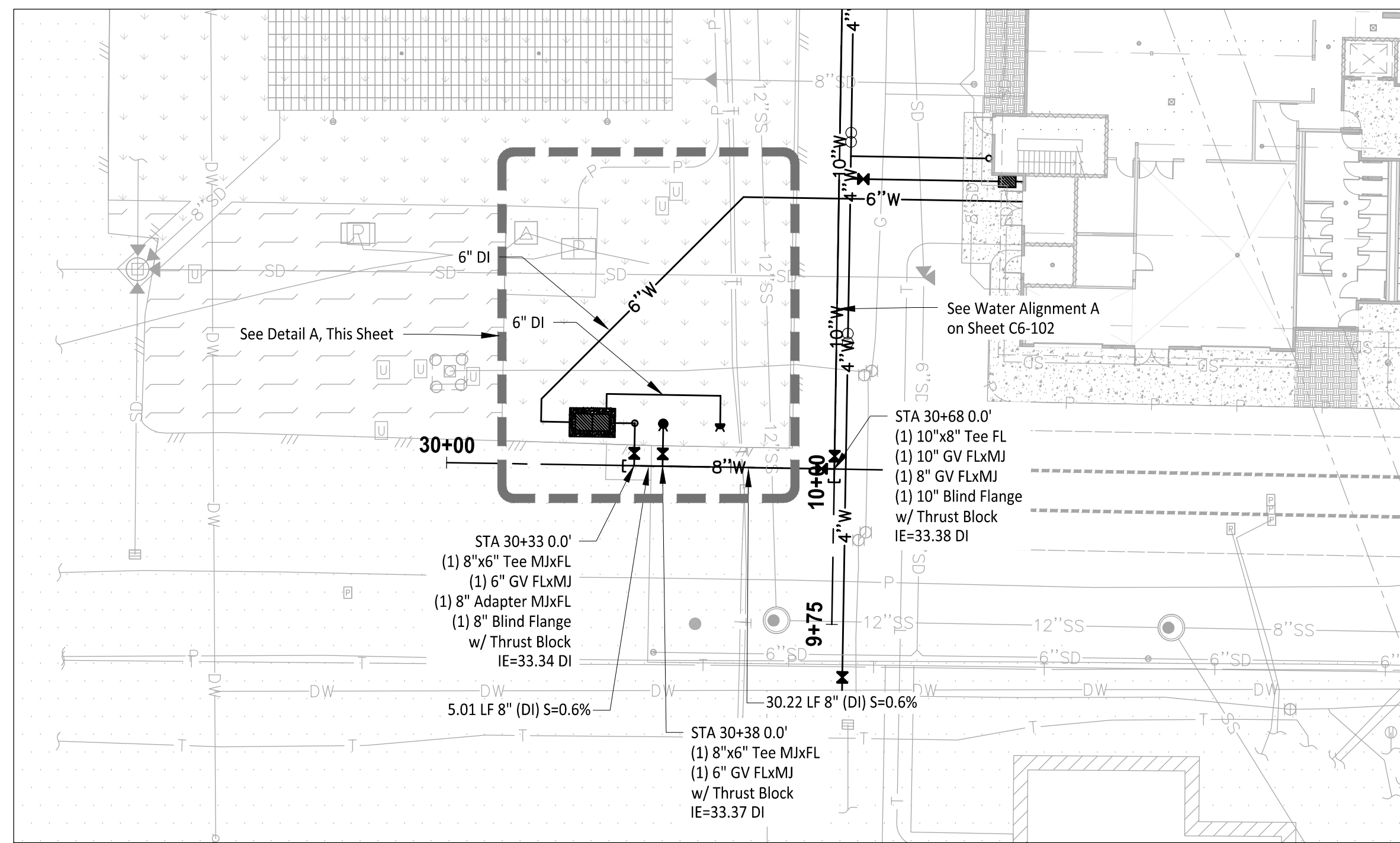
**Water Plan & Profile**

CALL TWO BUSINESS DAYS BEFORE YOU DIG  
1-800-424-5555  
UTILITIES UNDERGROUND LOCATION CENTER

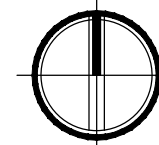
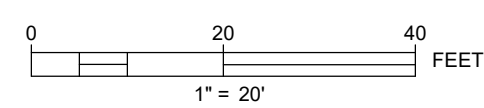
DWG: **C6-102**  
31 OF 39



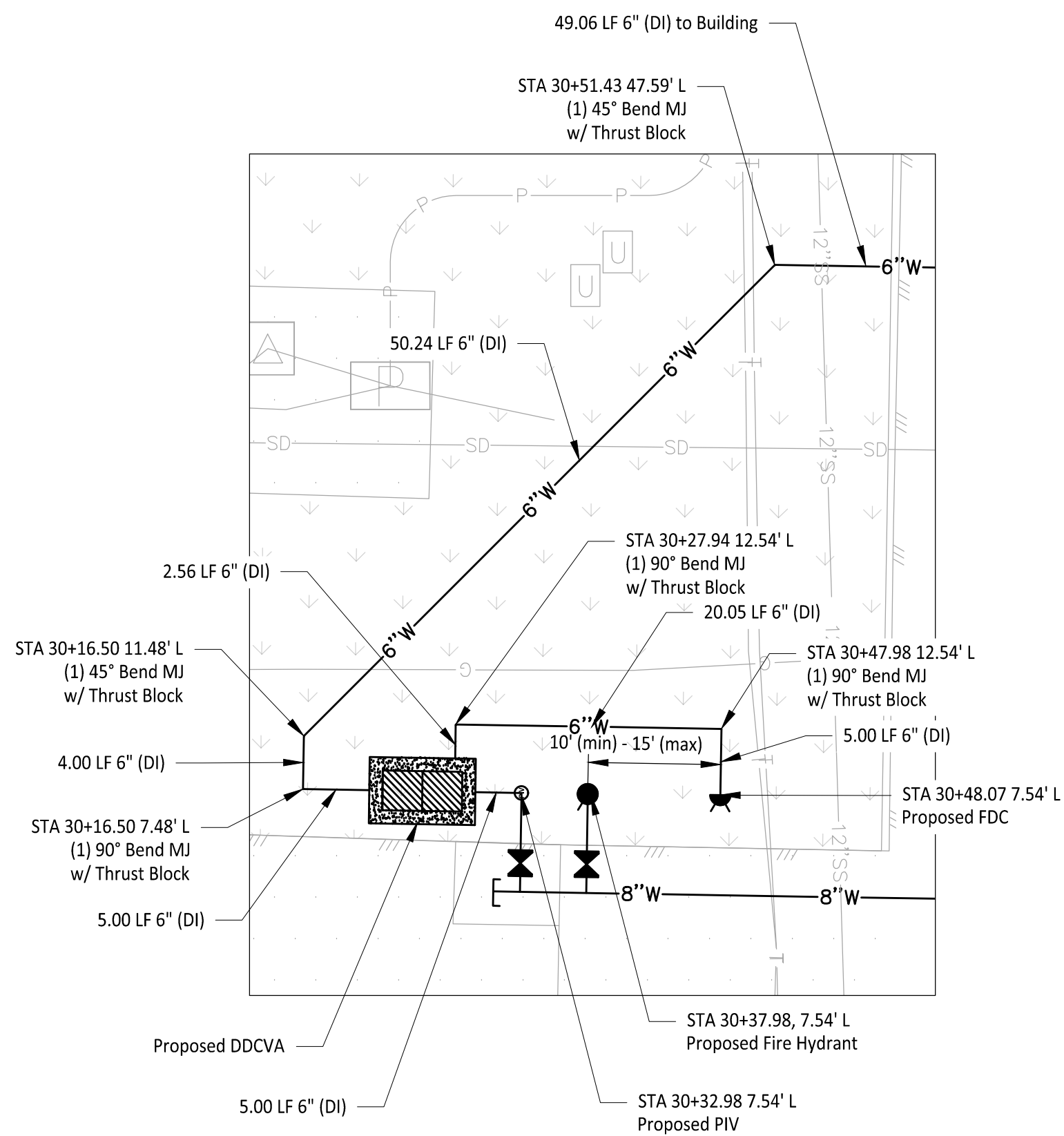
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WATER ALIGNMENT D

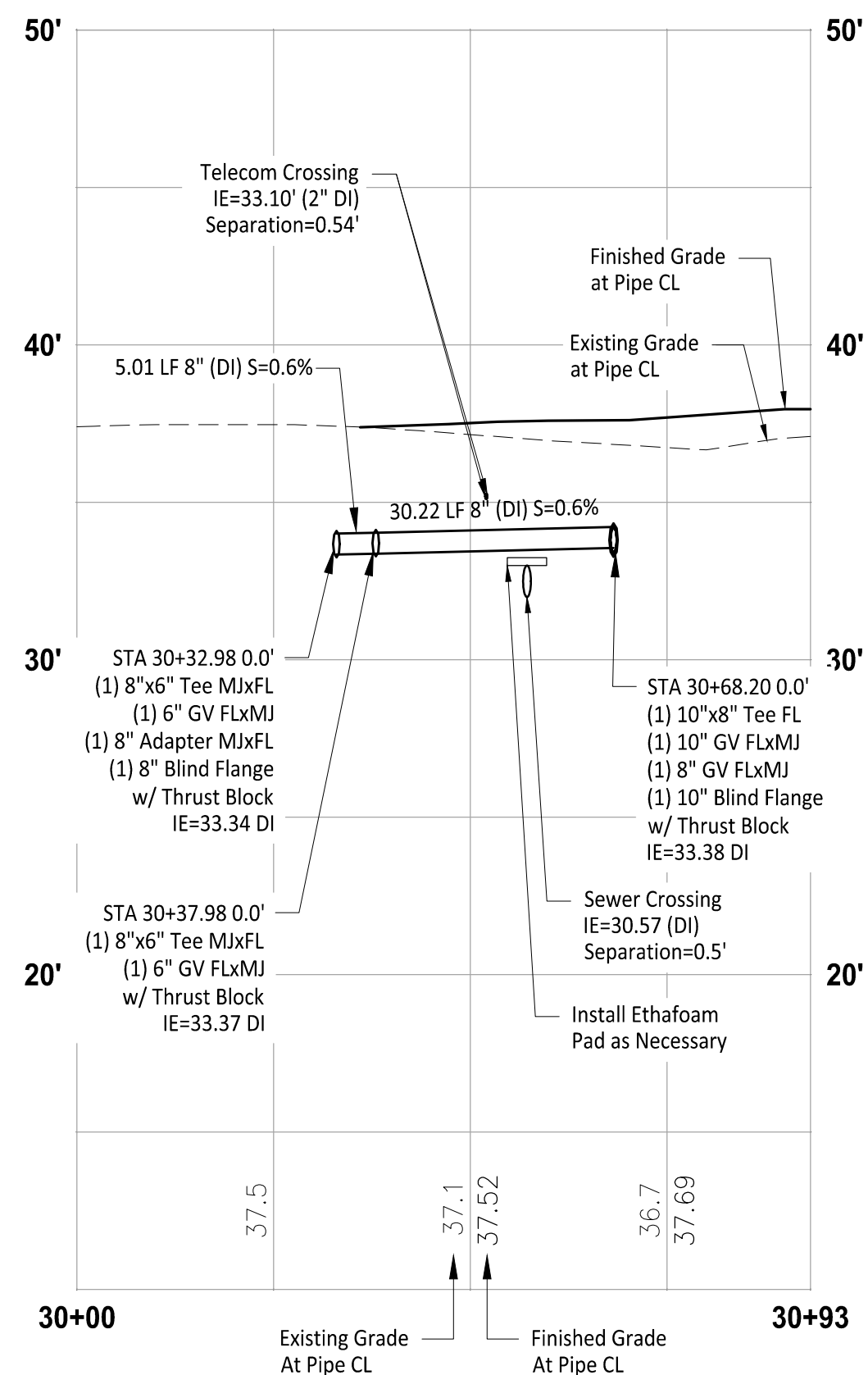


SEE NEXT SHEET FOR REVISION



DETAIL A

SCALE: 1"=10'



WATER ALIGNMENT D PROFILE

HORIZ: 1"=20'  
VERT: 1"=5'

LEGEND

- DW Existing Domestic Water Line
- FD Existing Fire Line
- # W Proposed Water Line
- ⊕ Existing Fire Hydrant
- ⦿ Proposed Fire Hydrant

GENERAL NOTES

- Contractor to pothole, locate horizontal and vertical utilities and verify with engineer prior to any utility work.

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PUYALLUP

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Contact: Jeff Brown

Engineer:



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Project:  
Washington State Fair  
International Village  
Redevelopment

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

Civil Construction  
Permit

**City of Puyallup**  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic



10-04-24

FIRE HYDRANT/FDC  
LOCATION/ACCESS APPROVED

BY: *Derek Mansola*  
CITY OF PUYALLUP  
FIRE CODE OFFICIAL  
DATE: 10/15/2024

NOTE: THIS APPROVAL IS VOID  
AFTER 1 YEAR FROM APPROVAL  
DATE.  
THE CITY WILL NOT BE  
RESPONSIBLE FOR ERRORS  
AND/OR OMISSIONS ON THESE  
PLANS.  
FIELD CONDITIONS MAY DICTATE  
CHANGES TO THESE PLANS AS  
DETERMINED BY THE FIRE CODE  
OFFICIAL.

APPROVED

BY: *Justin Jones*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING  
DATE: 10/11/2024

NOTE: THIS APPROVAL IS VOID  
AFTER 180 DAYS FROM APPROVAL  
DATE.  
THE CITY WILL NOT BE  
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DEVELOPMENT ENGINEERING  
MANAGER.

REV	DATE	DESCRIPTION
1	09-20-24	City Comment Cycle #1
2	10-04-24	City Comment Cycle #2

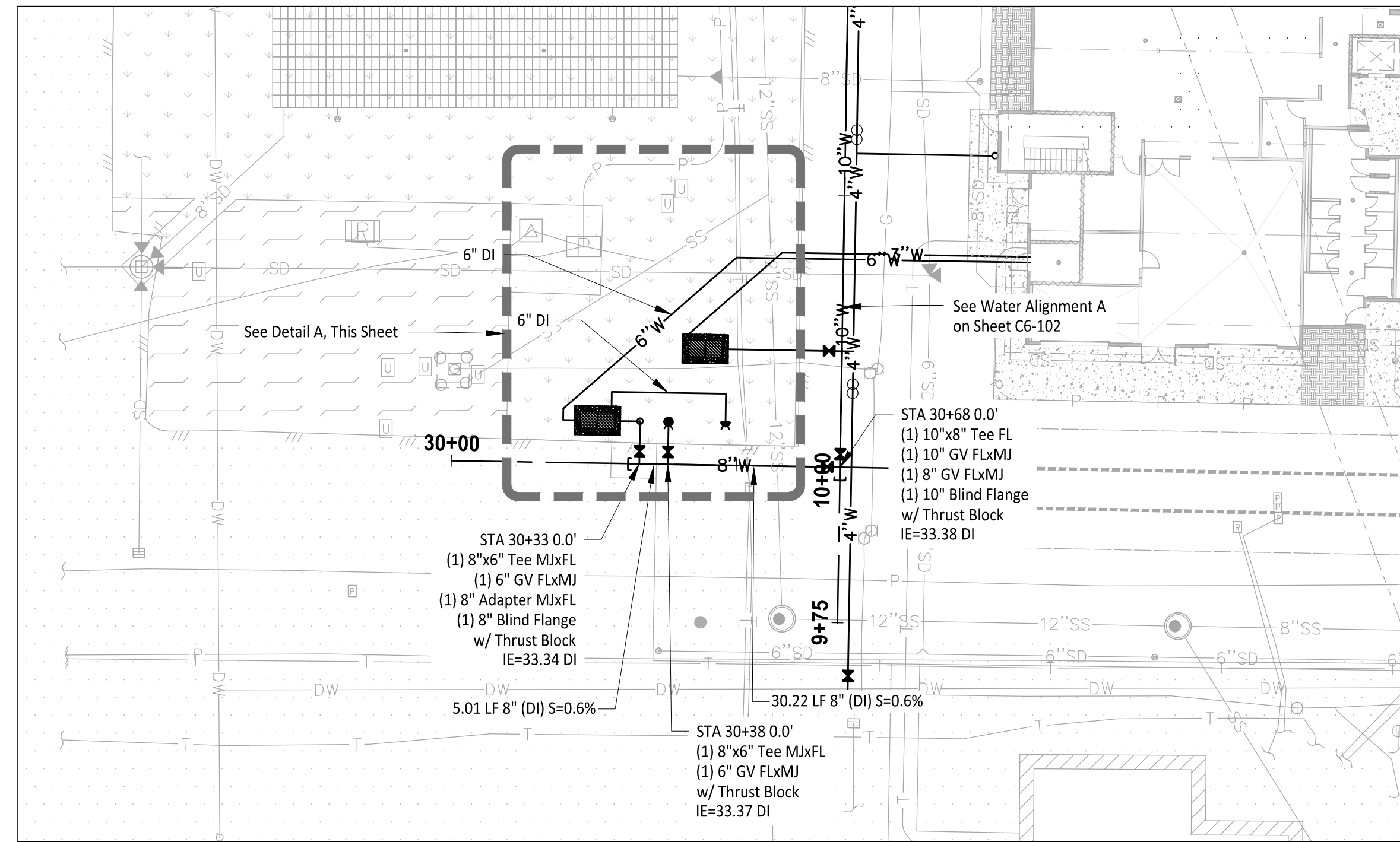
DRAWN BY: MO    DESIGN BY: JJ  
PROJECT NO: 1507-014  
DATE: October 4, 2024

SHEET NAME  
**Water Plan &  
Profile**

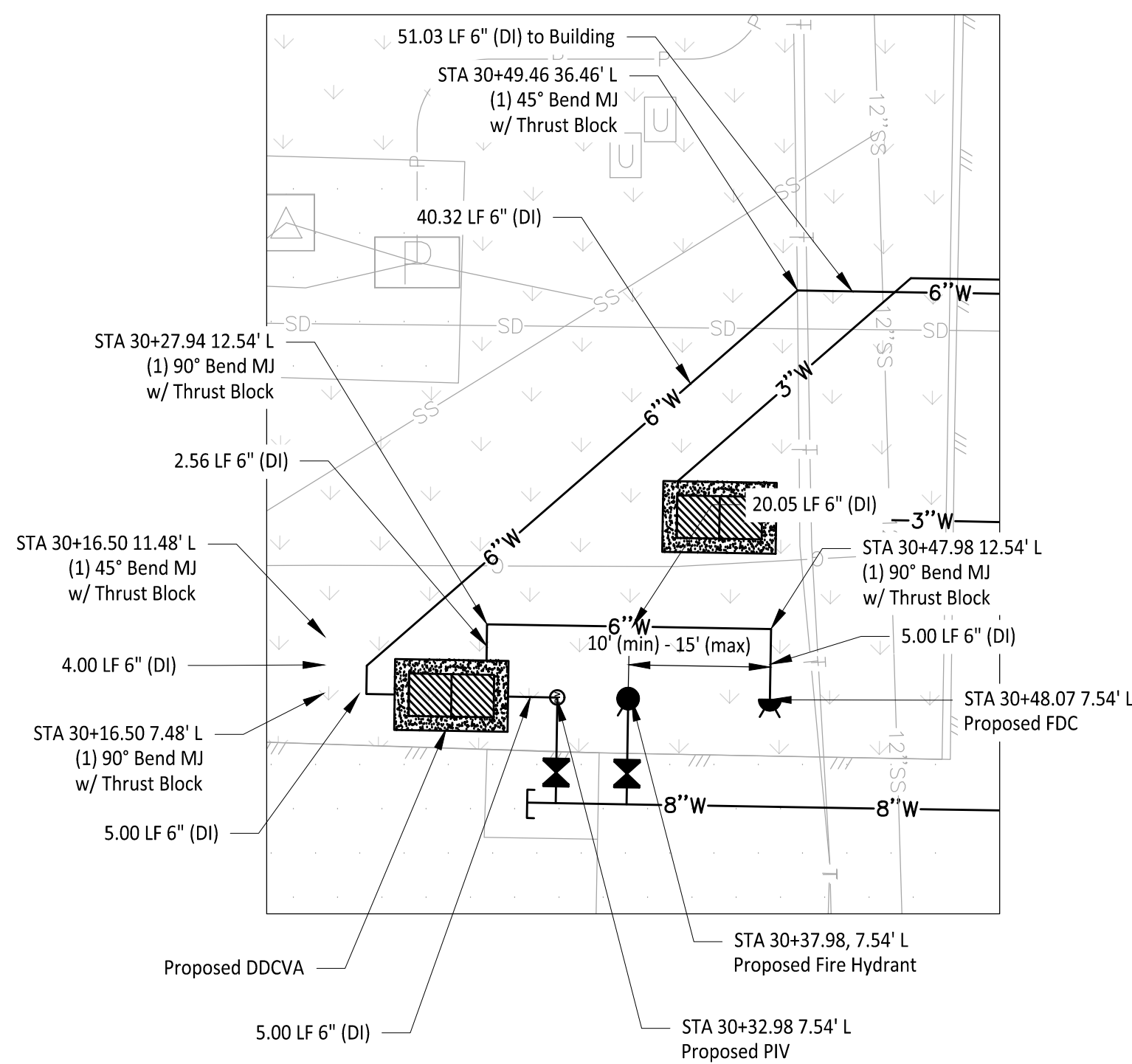
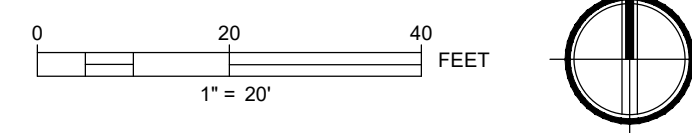
DWG. C6-106  
35 OF 39

CALL TWO BUSINESS DAYS  
BEFORE YOU DIG  
1-800-424-5555  
UTILITIES UNDERGROUND LOCATION CENTER

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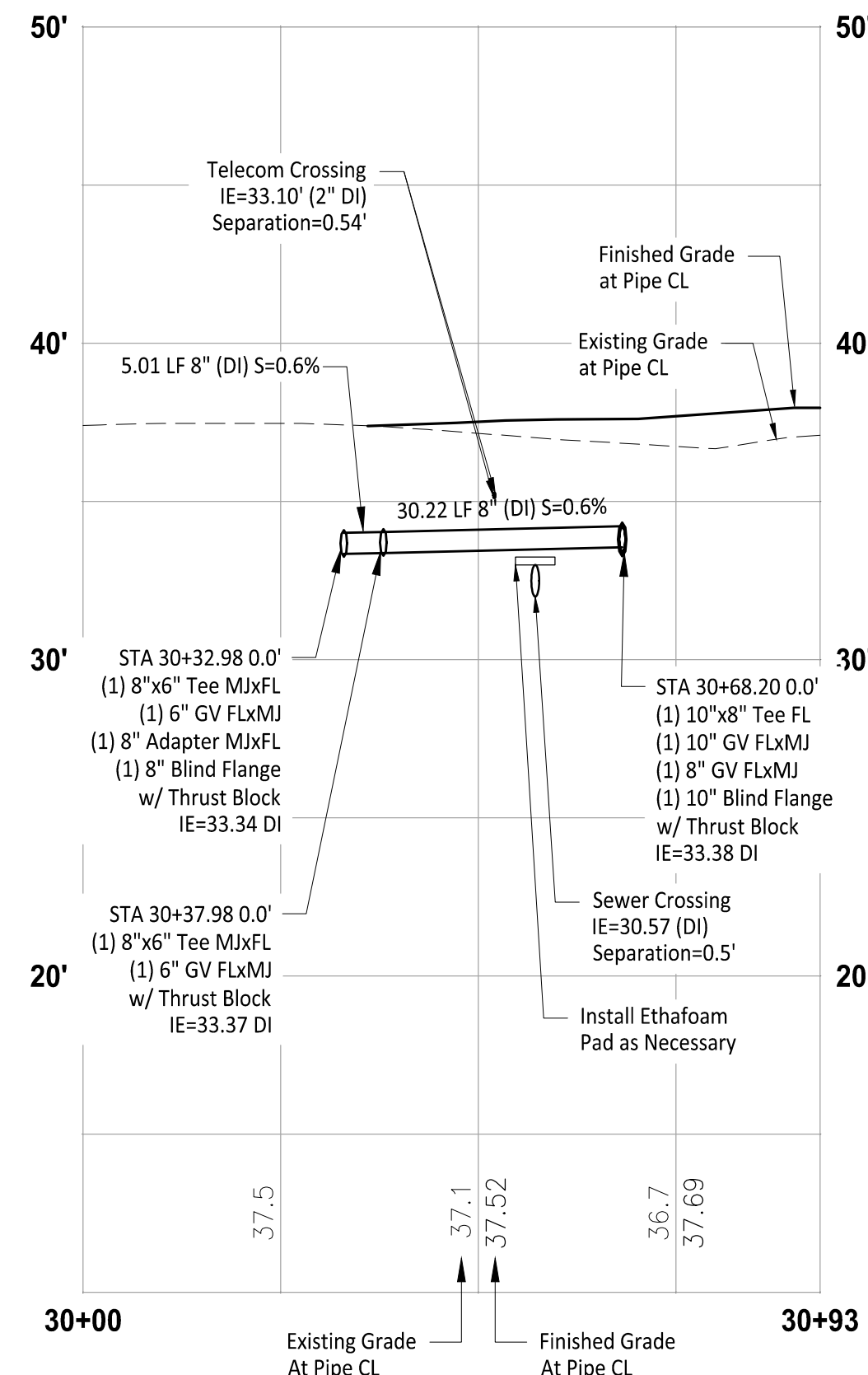


**WATER ALIGNMENT D**



**DETAIL**

SCALE: 1"=10'



**WATER ALIGNMENT D PROFILE**

HORIZ: 1"=20'  
VERT: 1"=5'

**LEGEND**

- DW — Existing Domestic Water Line
- FD — Existing Fire Line
- #\"/>

**GENERAL NOTES**

1. Contractor to pothole, locate horizontal and vertical utilities and verify with engineer prior to any utility work.

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**Washington STATE FAIR**  
PUYALLUP

Washington State Fair  
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Architect:  
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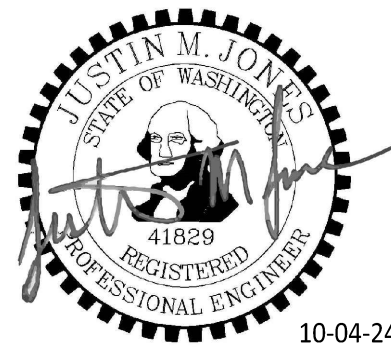
Engineer:

**JM TEAM**  
Justin Jones, PE  
905 Main St. Suite 200  
Sumner, WA 98390  
(206) 596-2020

Project:  
**Washington State Fair International Village Redevelopment**

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

Civil Construction Permit



**FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED**

BY: CITY OF PUYALLUP  
FIRE CODE OFFICIAL

DATE:

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**APPROVED**

BY: CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE:

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

REV	DATE	DESCRIPTION
1	09-20-24	City Comment Cycle #1
2	10-04-24	City Comment Cycle #2

DRAWN BY:	MO	DESIGN BY:	JJ
PROJ. NO.:	1507-014		
DATE:	October 4, 2024		
SHEET NAME:	Water Plan & Profile		

PROJ. NO.: 1507-014

DATE: October 4, 2024

SHEET NAME: **Water Plan & Profile**

DWG. **C6-106**

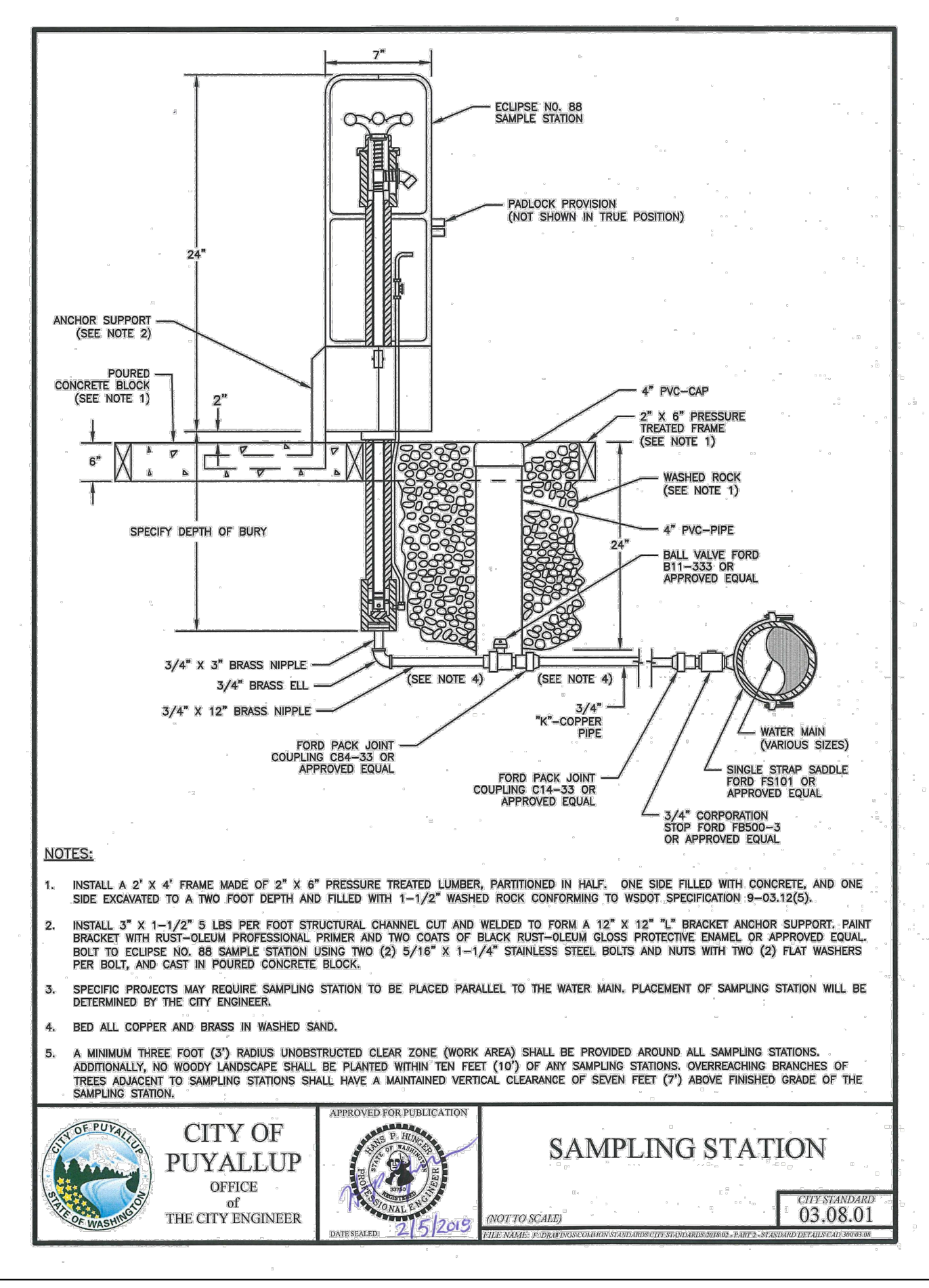
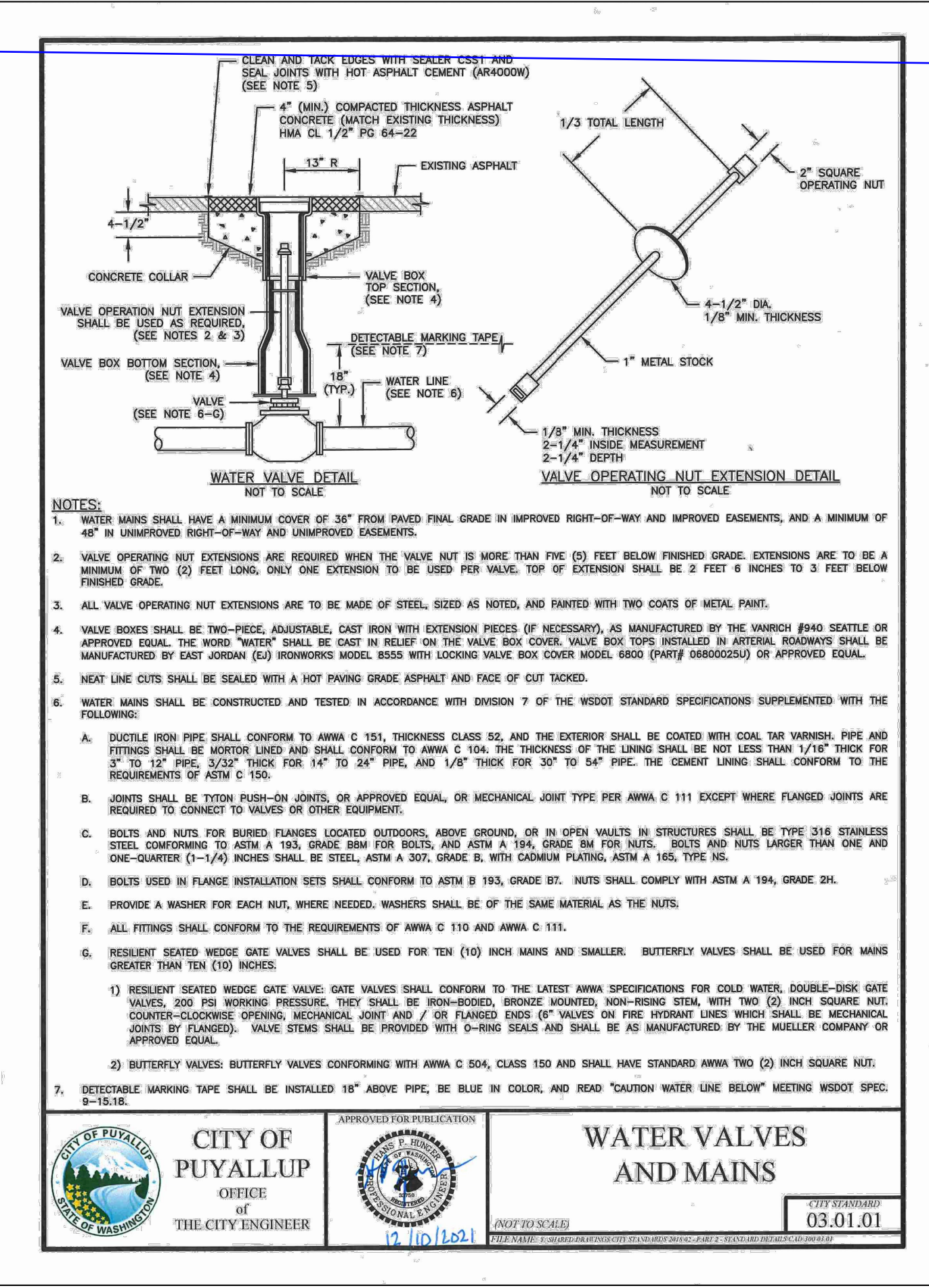
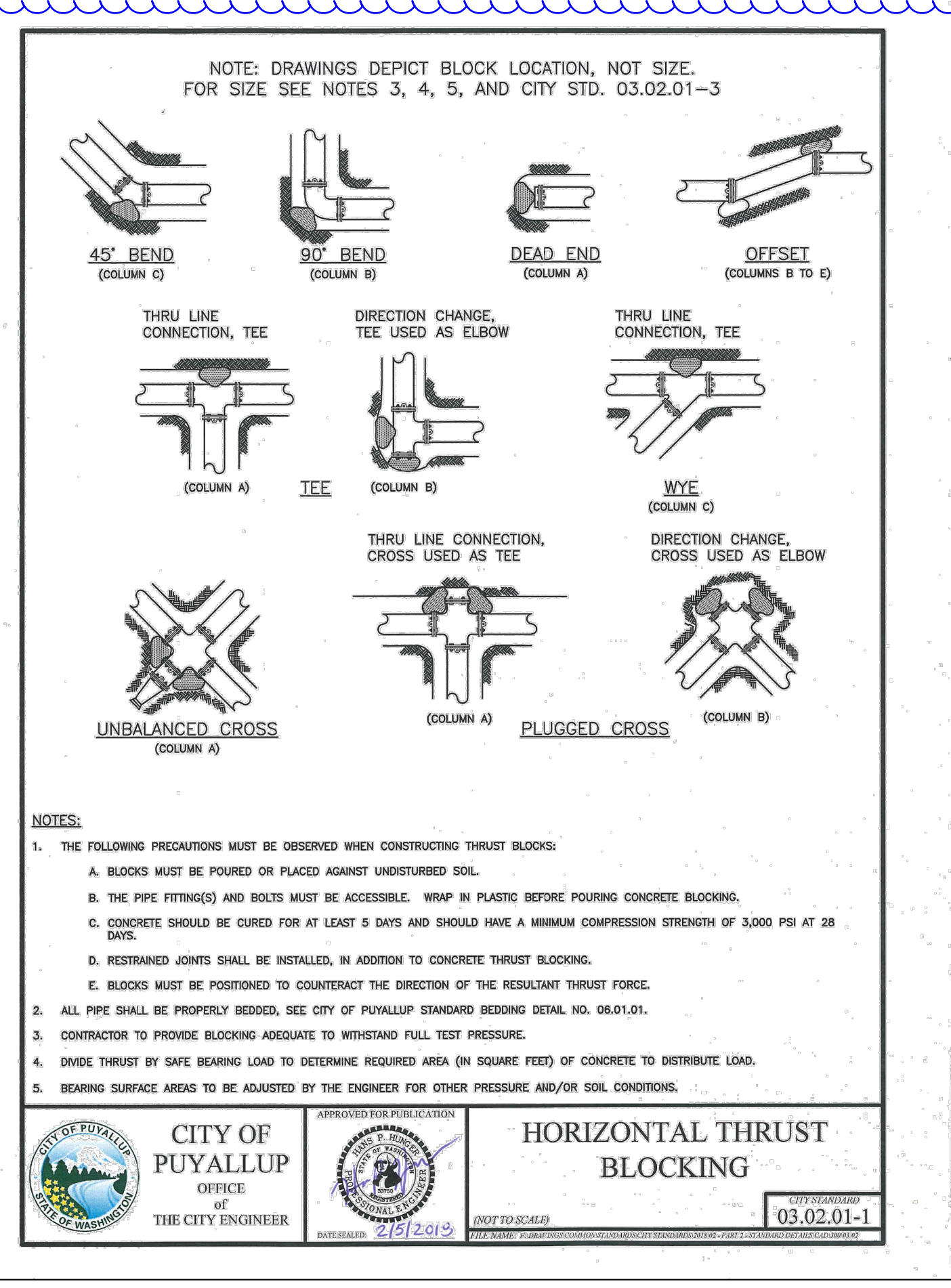
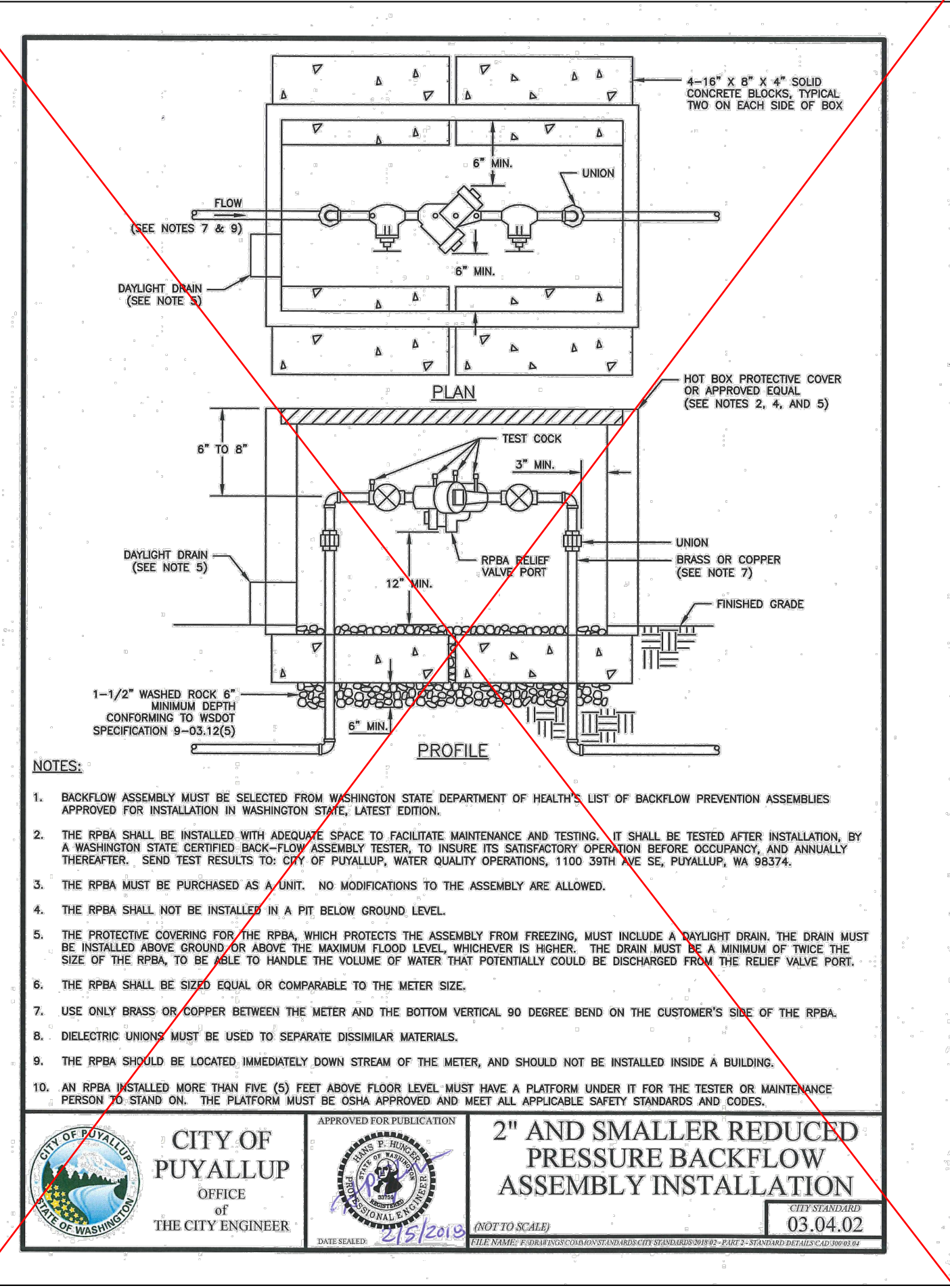
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CALL TWO BUSINESS DAYS BEFORE YOU DIG

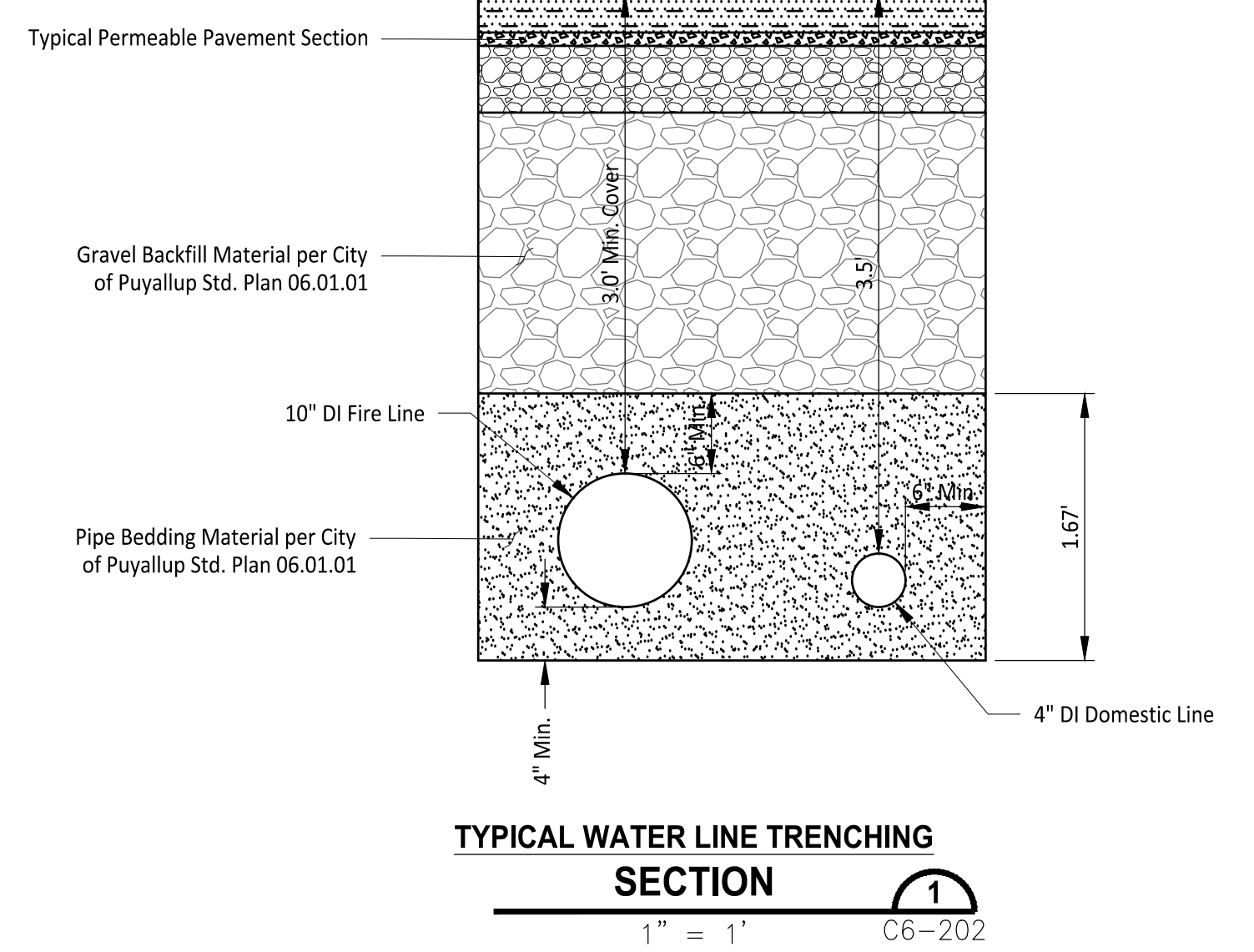
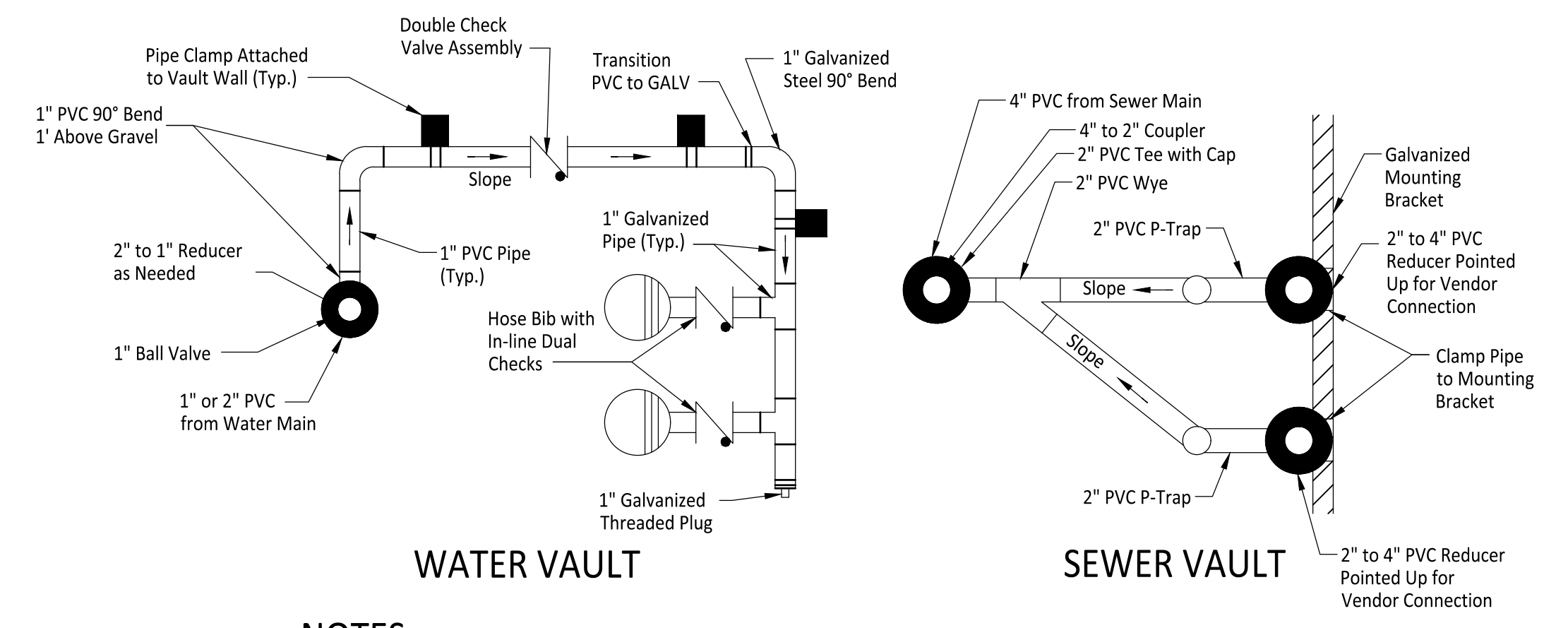


1-800-424-5555  
UTILITIES UNDERGROUND LOCATION CENTER

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SEE NEXT SHEET FOR REVISIONS



**City of Puyallup Development & Permitting Services ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**APPROVED**

*[Signature]*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING

DATE: 10/11/2024

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

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**Washington STATE FAIR PUYALLUP**

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Project:  
 Washington State Fair International Village Redevelopment

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

Civil Construction Permit

REV	DATE	DESCRIPTION
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2	10-04-24	City Comment Cycle #2

DRAWN BY: MO DESIGN BY: JJ

PROJ. NO: 1507-014 DATE: October 4, 2024

SHEET NAME: **Water Details**

DWG. **C6-202**

37 OF 39



Revision table with columns: REV, DATE, DESCRIPTION. Contains two entries for City Comment Cycle #1 and #2.

Approval table with columns: DRAWN BY, MO, DESIGN BY, JJ.

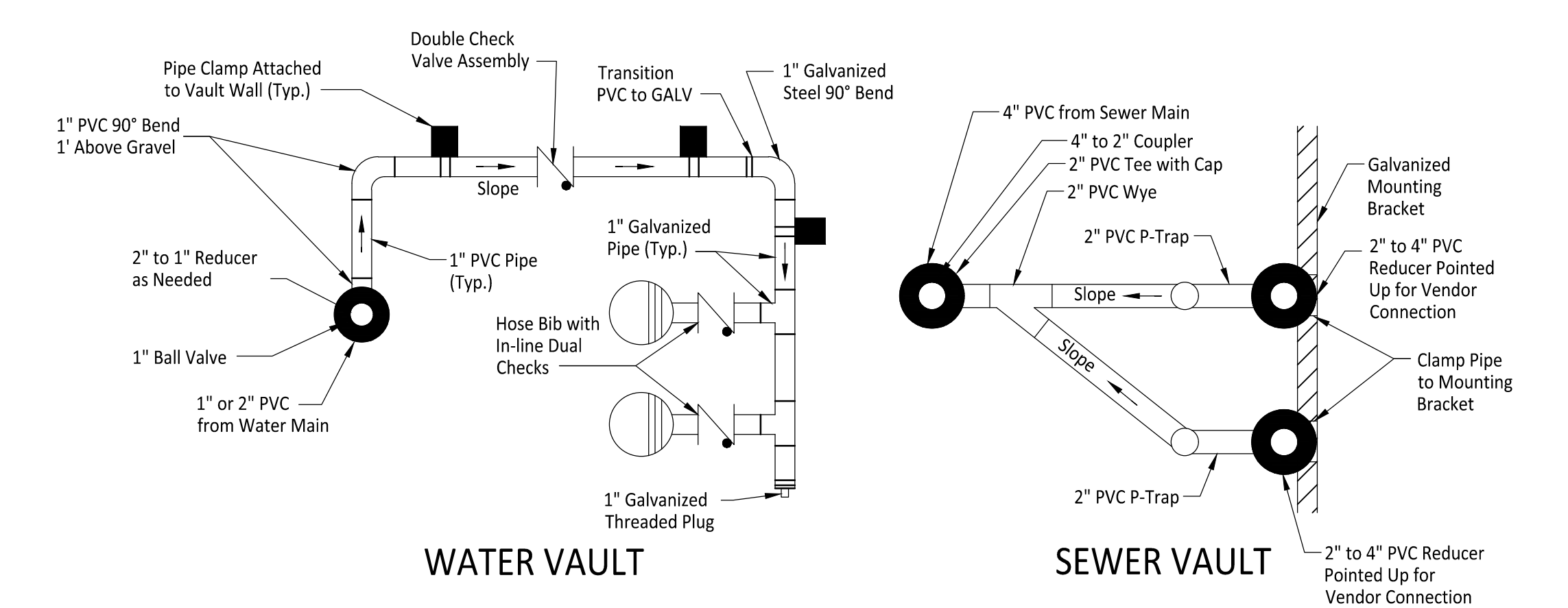
Approval table with columns: PROJ. NO., 1507-014, DATE, October 4, 2024.

Water Details

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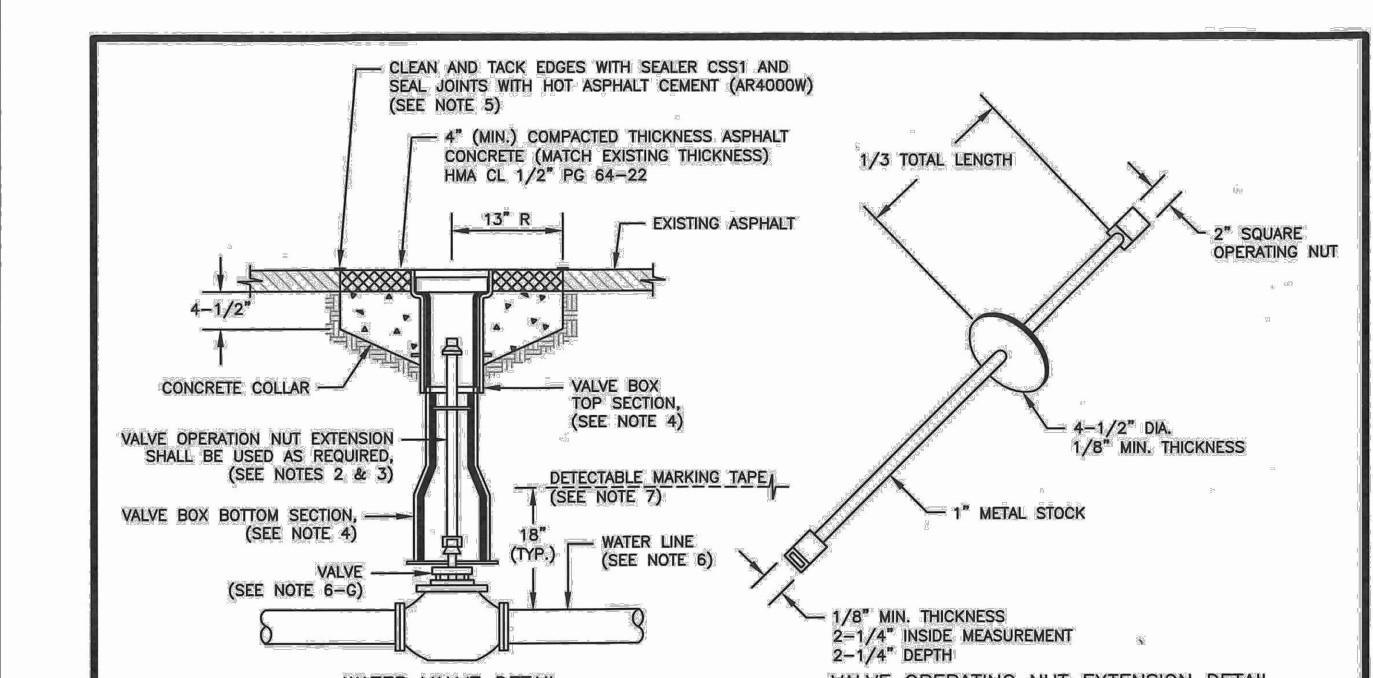
CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555 UTILITIES UNDERGROUND LOCATION CENTER

C6-202 37 of 39



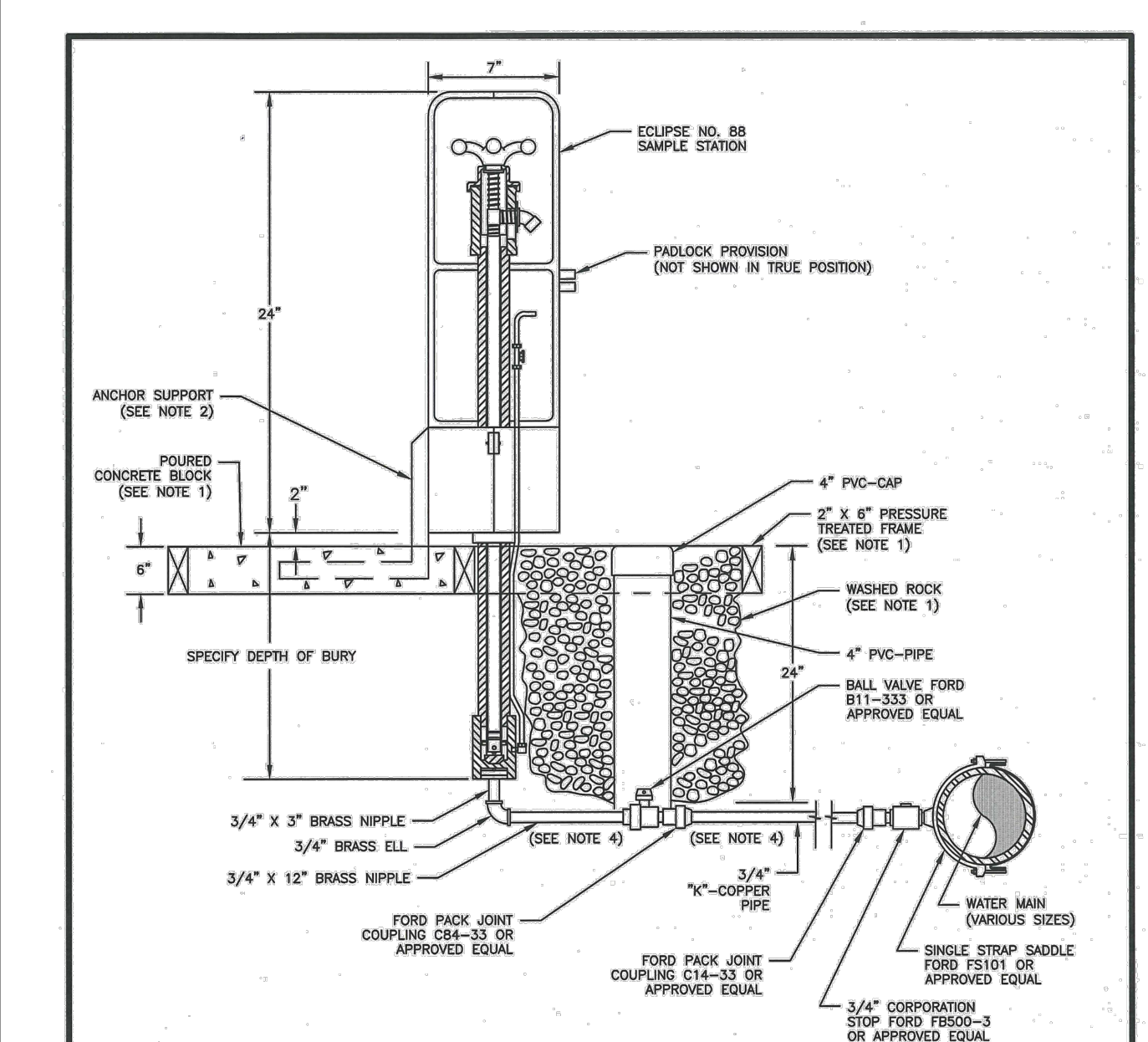
- NOTES: 1. Hose bibs and sewer connections to be no more than 6" below vault lid. 2. Water vault lid to have two inch hole above each hose bib. 3. Sewer vault lid to have to have four-inch hole directly above 2" to 4" PVC reducer. 4. Vault to be Type 3 24" by 36" with one 12" riser and two diamond plate double hinged H20 rated lids. 5. Bottom of vault to be backfilled with pea gravel. 6. All pipe clamps to be stainless steel.

WATER & SEWER VENDOR CONNECTION DETAIL 1" = 1" C6-202



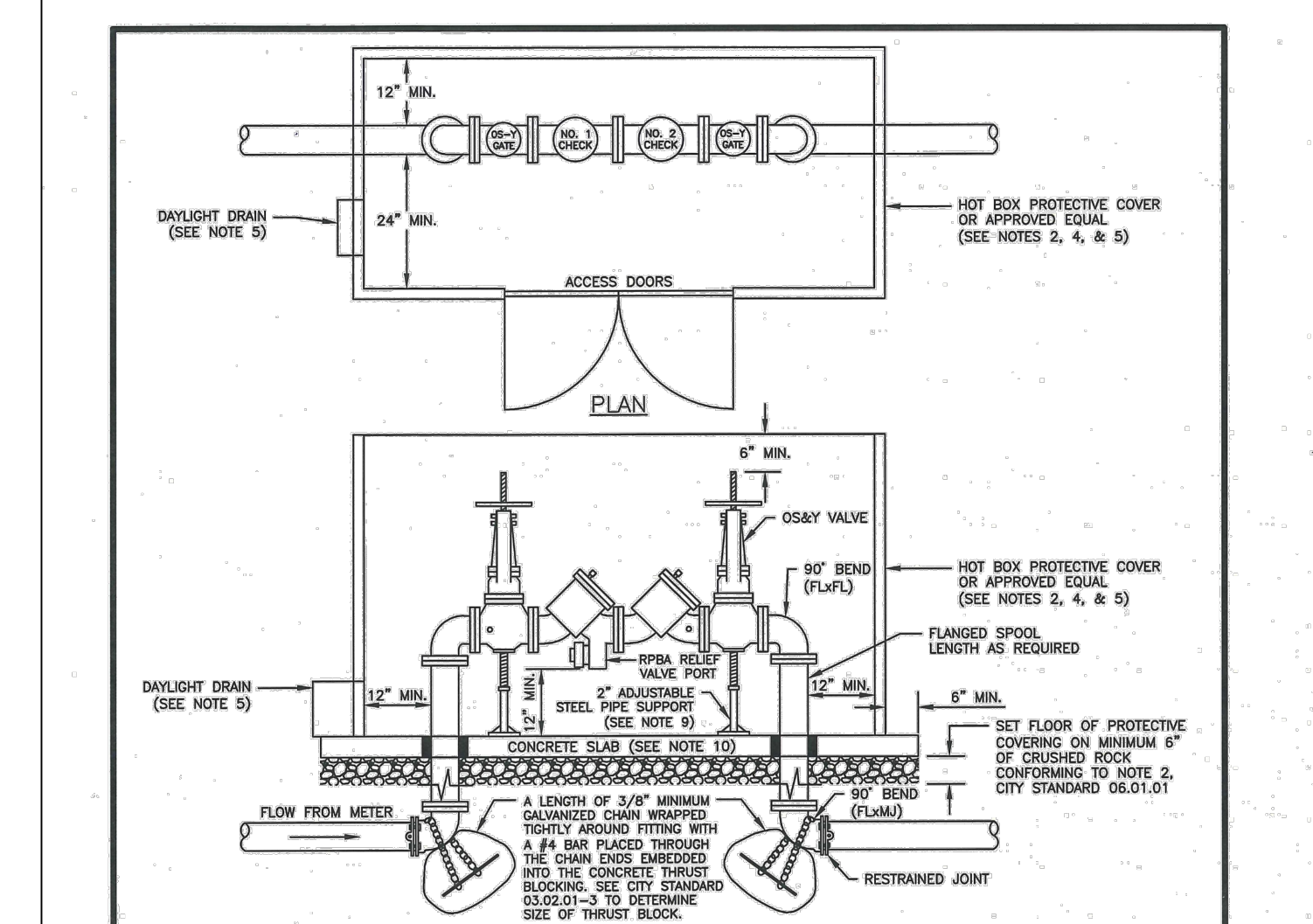
- NOTES: 1. WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" FROM PAVED FINAL GRADE IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48" IN UNIMPROVED RIGHT-OF-WAY AND UNIMPROVED EASEMENTS. 2. VALVE OPERATING NUT EXTENSIONS ARE REQUIRED WHEN THE VALVE NUT IS MORE THAN FIVE (5) FEET BELOW FINISHED GRADE. EXTENSIONS ARE TO BE A MINIMUM OF TWO (2) FEET LONG, ONLY ONE EXTENSION TO BE USED FOR VALVE. TOP OF EXTENSION SHALL BE 2 FEET 6 INCHES TO 3 FEET BELOW FINISHED GRADE. 3. ALL VALVE OPERATING NUT EXTENSIONS ARE TO BE MADE OF STEEL, SIZED AS NOTED, AND PAINTED WITH TWO COATS OF METAL PAINT. 4. VALVE BOXES SHALL BE TWO-PIECE, ADJUSTABLE, CAST IRON WITH EXTENSION PIECES (IF NECESSARY), AS MANUFACTURED BY THE WARRIOR #840 SEATTLE OR APPROVED EQUAL. THE WORD "WARRIOR" SHALL BE CAST IN RELIEF ON THE VALVE BOX COVER. VALVE BOX TOPS INSTALLED IN ARTERIA, BROADWAYS SHALL BE MANUFACTURED BY EAST JORDAN (EJ) BROADWAYS MODEL, BBOX WITH LOCKING VALVE BOX COVER MODEL, EB02 (PART #9000020) OR APPROVED EQUAL. 5. NEAT LINE CUTS SHALL BE SEALED WITH A HOT PAVING GRADE ASPHALT AND FACE OF CUT TACKED. 6. WATER MAINS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH DIVISION 7 OF THE WSDOT STANDARD SPECIFICATIONS SUPPLEMENTED WITH THE FOLLOWING: A. RUST-PROTECTED IRON PIPE SHALL CONFORM TO ANNA C 151, THICKNESS CLASS 52, AND THE EXTERIOR SHALL BE COATED WITH COAL TAR VARNISH. PIPE AND FITTINGS SHALL BE WASHED AND SHALL CONFORM TO ANNA C 154. THE THICKNESS OF THE LINING SHALL BE NOT LESS THAN 1/16" THICK FOR 3" TO 12" PIPE, 3/32" THICK FOR 14" TO 24" PIPE, AND 1/8" THICK FOR 30" TO 54" PIPE. THE CEMENT LINING SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 150. B. JOINTS SHALL BE TYPON PUSH-ON JOINTS, OR APPROVED EQUAL, OR MECHANICAL JOINT TYPE PER ANNA C 111 EXCEPT WHERE FLANGED JOINTS ARE REQUIRED TO CONNECT TO VALVES OR OTHER EQUIPMENT. C. BOLTS AND NUTS FOR BURIED FLANGES LOCATED OUTDOORS, ABOVE GROUND, OR IN OPEN VAULTS IN STRUCTURES SHALL BE TYPE 316 STAINLESS STEEL CONFORMING TO ASTM A 193, GRADE B8 FOR BOLTS AND ASTM A 194, GRADE B8 FOR NUTS. BOLTS AND NUTS LARGER THAN ONE AND ONE-QUARTER (1-1/4) INCHES SHALL BE STEEL, ASTM A 307, GRADE B, WITH CADMIUM PLATING, ASTM A 165, TYPE NS. D. BOLTS USED IN FLANGE INSTALLATION SETS SHALL CONFORM TO ASTM A 193, GRADE B7. NUTS SHALL CONFORM WITH ASTM A 194, GRADE 2H. PROVIDE A WASHER FOR EACH NUT, WHERE NEEDED, WASHERS SHALL BE OF THE SAME MATERIAL AS THE NUTS. E. ALL FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF ANNA C 110 AND ANNA C 111. F. RESILIENT SEATED WEDGE GATE VALVES SHALL BE USED FOR TEN (10) INCH MAINS AND SMALLER. BUTTERFLY VALVES SHALL BE USED FOR MAINS GREATER THAN TEN (10) INCHES. 1) RESILIENT SEATED WEDGE GATE VALVE: GATE VALVES SHALL CONFORM TO THE LATEST ANNA SPECIFICATIONS FOR COLD WATER, DOUBLE-DISK GATE VALVES, 200 PSI WORKING PRESSURE. THEY SHALL BE IRON-BODED, BRONZE MOUNTED, NON-RISING STEM WITH TWO (2) HIGH SQUARE NUT, COUNTER-CLOCKWISE OPENING, MECHANICAL JOINT AND / OR FLANGED ENDS (6" VALVES OR FIRE HYDRANT LINES WHICH SHALL BE MECHANICAL JOINTS BY FLANGED). VALVE STEMS SHALL BE PROVIDED WITH O-RING SEALS AND SHALL BE AS MANUFACTURED BY THE MUELLER COMPANY OR APPROVED EQUAL. 2) BUTTERFLY VALVES: BUTTERFLY VALVES CONFORMING WITH ANNA C 504, CLASS 150 AND SHALL HAVE STANDARD ANNA TWO (2) INCH SQUARE NUT. 3) DETECTABLE MARKING TAPE SHALL BE INSTALLED 18" ABOVE PIPE, BE BLUE IN COLOR, AND READ "CAUTION WATER LINE BELOW" MEETING WSDOT SPEC. 9-15.18.

CITY OF PUYALLUP WATER VALVES AND MAINS CITY STANDARD 03.01.01



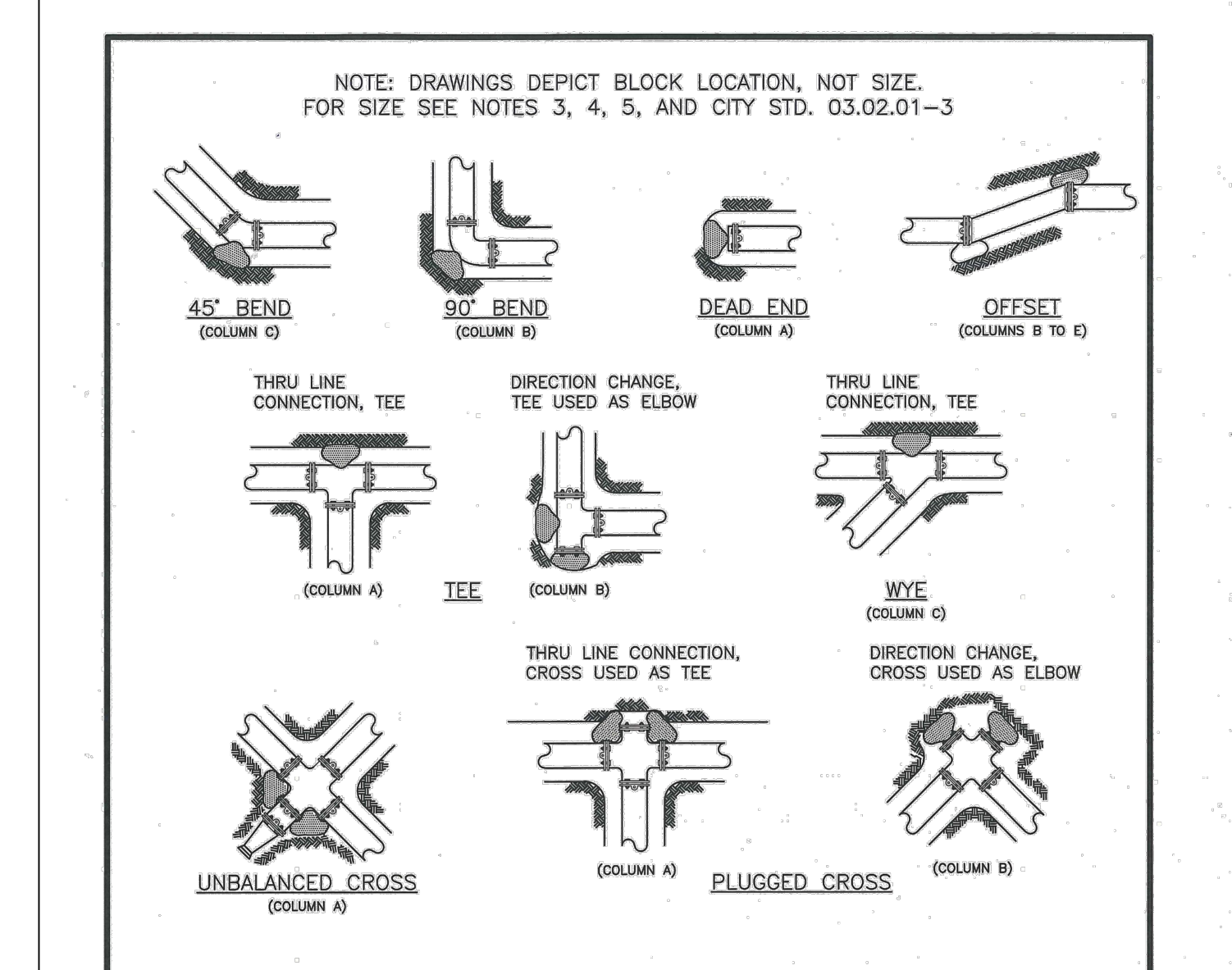
- NOTES: 1. INSTALL A 2' X 4' FRAME MADE OF 2" X 6" PRESSURE TREATED LUMBER, PARTITIONED IN HALF, ONE SIDE FILLED WITH CONCRETE, AND ONE SIDE EXCAVATED TO A TWO FOOT DEPTH AND FILLED WITH 1-1/2" WASHED ROCK CONFORMING TO WSDOT SPECIFICATION 9-03.12(5). 2. INSTALL 3" X 1-1/2" S LBS PER FOOT STRUCTURAL CHANNEL CUT AND WELDED TO FORM A 12" X 12" "L" BRACKET ANCHOR SUPPORT, PAINT BRACKET WITH RUST-OLEUM PROFESSIONAL PRIMER AND TWO COATS OF BLACK RUST-OLEUM GLOSS PROTECTIVE ENAMEL, OR APPROVED EQUAL. BOLT TO ECLIPSE NO. 88 SAMPLE STATION USING TWO (2) 5/16" X 1-1/4" STAINLESS STEEL BOLTS AND NUTS WITH TWO (2) FLAT WASHERS PER BOLT, AND CAST IN POURED CONCRETE BLOCK. 3. SPECIFIC PROJECTS MAY REQUIRE SAMPLING STATION TO BE PLACED PARALLEL TO THE WATER MAIN. PLACEMENT OF SAMPLING STATION WILL BE DETERMINED BY THE CITY ENGINEER. 4. BED ALL COPPER AND BRASS IN WASHED SAND. 5. A MINIMUM THREE FOOT (3') RADIUS UNOBSTRUCTED CLEAR ZONE (WORK AREA) SHALL BE PROVIDED AROUND ALL SAMPLING STATIONS. ADDITIONALLY, NO WOODY LANDSCAPE SHALL BE PLANTED WITHIN TEN FEET (10') OF ANY SAMPLING STATIONS. OVERHANGING BRANCHES OF TREES ADJACENT TO SAMPLING STATIONS SHALL HAVE A MAINTAINED VERTICAL CLEARANCE OF SEVEN FEET (7') ABOVE FINISHED GRADE OF THE SAMPLING STATION.

CITY OF PUYALLUP SAMPLING STATION CITY STANDARD 03.08.01



- NOTES: 1. BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION. 2. THE RPA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374. 3. THE RPA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED. 4. THE RPA SHALL NOT BE INSTALLED IN A PIT BELOW GROUND LEVEL. 5. THE PROTECTIVE COVERING FOR THE RPA, WHICH PROTECTS THE ASSEMBLY FROM FREEZING, MUST INCLUDE A DAYLIGHT DRAIN, THE DRAIN MUST BE INSTALLED ABOVE GROUND OR ABOVE THE MAXIMUM FLOOD LEVEL, WHICHEVER IS HIGHER. THE DRAIN MUST BE A MINIMUM OF TWICE THE SIZE OF THE RPA, TO BE ABLE TO HANDLE THE VOLUME OF WATER THAT POTENTIALLY COULD BE DISCHARGED FROM THE RELIEF VALVE PORT. 6. THE RPA SHALL BE SIZED EQUAL OR COMPARABLE TO THE METER SIZE. 7. THE RPA SHALL BE LOCATED IMMEDIATELY DOWN STREAM OF THE METER, AND CANNOT BE INSTALLED INSIDE OF A BUILDING, DUE TO THE SEVERE HAZARD FROM THE WATER THAT POTENTIALLY COULD BE DISCHARGED FROM THE RELIEF VALVE PORT DURING A FOLDED CHECK VALVE SITUATION. 8. ALL ELECTRICAL SHALL BE INSPECTED BY A WASHINGTON STATE ELECTRICAL INSPECTOR. 9. PIPE SUPPORTS SHALL BE RUST-PROTECTED WITH ALUMINUM PAINT. 10. POUR A 4 INCH CONCRETE SLAB FOR RPA PROTECTIVE COVER, PROVIDE A 2 INCH ANNULAR SPACE BETWEEN THE PIPE AND FLOOR. EXTEND THE CONCRETE SLAB 6 INCHES BEYOND THE PROTECTIVE COVERING TO PROVIDE ADEQUATE ANCHORING. 11. PROVIDE FREEZE PROTECTION AS DIRECTED BY OWNER.

CITY OF PUYALLUP 3" AND ABOVE REDUCED PRESSURE BACKFLOW ASSEMBLY INSTALLATION CITY STANDARD 03.02.03



- NOTE: DRAWINGS DEPICT BLOCK LOCATION, NOT SIZE. FOR SIZE SEE NOTES 3, 4, 5, AND CITY STD. 03.02.01-3
- NOTES: 1. THE FOLLOWING PRECAUTIONS MUST BE OBSERVED WHEN CONSTRUCTING THRUST BLOCKS: A. BLOCKS MUST BE POURED OR PLACED AGAINST UNDISTURBED SOIL. B. THE PIPE FITTING(S) AND BOLTS MUST BE ACCESSIBLE. WRAP IN PLASTIC BEFORE POURING CONCRETE BLOCKING. C. CONCRETE SHOULD BE CURED FOR AT LEAST 5 DAYS AND SHOULD HAVE A MINIMUM COMPRESSION STRENGTH OF 3,000 PSI AT 28 DAYS. D. RESTRAINED JOINTS SHALL BE INSTALLED, IN ADDITION TO CONCRETE THRUST BLOCKING. E. BLOCKS MUST BE POSITIONED TO COUNTERACT THE DIRECTION OF THE RESULTANT THRUST FORCE. 2. ALL PIPE SHALL BE PROPERLY BEDDED, SEE CITY OF PUYALLUP STANDARD BEDDING DETAIL NO. 06.01.01. 3. CONTRACTOR TO PROVIDE BLOCKING ADEQUATE TO WITHSTAND FULL TEST PRESSURE. 4. DIVIDE THRUST BY SAFE BEARING LOAD TO DETERMINE REQUIRED AREA (IN SQUARE FEET) OF CONCRETE TO DISTRIBUTE LOAD. 5. BEARING SURFACE AREAS TO BE ADJUSTED BY THE ENGINEER FOR OTHER PRESSURE AND/OR SOIL CONDITIONS.

CITY OF PUYALLUP HORIZONTAL THRUST BLOCKING CITY STANDARD 03.02.01-1

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