



## GENERAL PLAN NOTES

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Department of Transportation and American Public Works Association, Washington State Chapter, latest edition, unless superseded or amended by the City of Puyallup City Standards for Public Works Engineering and Construction (hereinafter referred to as the "City Standards").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

## STORMWATER NOTES

1. All work in City-right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the engineering plans, representatives from all applicable Utility Companies, the project owner and appropriate City staff. Contact Engineering Services to schedule the meeting (253) 841-5568. The contractor is responsible to have their own approved set of plans at the meeting.
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6. The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.
7. Any structure and/or obstruction which require removal or relocation relating to this project, shall be done so at the developer's expense.
8. During construction, all existing and newly installed drainage structures shall be protected from sediments.
9. All storm manholes shall conform to City Standard Detail No. 02.01.01. Flow control manhole/oil water separator shall conform to City Standard Detail No. 02.01.06 and 02.01.07.
10. Manhole ring and cover shall conform to City Standard Detail 06.01.02.
11. Catch basins Type I shall conform to City Standard Detail No.02.01.02 and 02.01.03 and shall be used only for depths less than 5 feet from top of the grate to the invert of the storm pipe.
12. Catch basins Type II shall conform to City Standard Detail No.02.01.04 and shall be used for depths greater than 5 feet from top of the grate to the invert of the storm pipe.
13. Cast iron or ductile iron frame and grate shall conform to City Standard Detail No.02.01.05. Grate shall be marked with "drains to stream". Solid catch basin lids (square unless noted as round) shall conform to WSDOT Standard Plan B-30.20-04 (Olympic Foundry No. SM60 or equal). Vaned grates shall conform to WSDOT Standard Plan B-30.30-03 (Olympic Foundry No. SM60V or equal).
14. Stormwater pipe shall be only PVC, concrete, ductile iron, or dual wall Polypropylene pipe.
  - a. The use of any other type shall be reviewed and approved by the Engineering Services Staff prior to installation.
  - b. PVC pipe shall be per ASTM D3034, SDR 35 for pipe size 15-inch and smaller and F679 for pipe sizes 18 to 27 inch. Minimum cover on PVC pipe shall be 3.0 feet.
  - c. Concrete pipe shall conform to the WSDOT Standard Specifications for concrete underdrain pipe. Minimum cover on concrete pipe shall not less than 3.0 feet.
  - d. Ductile iron pipe shall be Class 50, conforming to AWWA C151. Minimum cover on ductile iron pipe shall be 1.0 foot.
  - e. Polypropylene Pipe (PP) shall be dual walled, have a smooth interior and exterior corrugations and meet WSDOT 9-05.24(1), 12-inch through 30-inch pipe shall meet or exceed ASTM F2736 and AASHTO M330, Type S, or Type D, 36-inch through 60-inch pipe shall meet or exceed ASTM F2881 and AASHTO M330, Type S, or Type D. Testing shall be per ASTM F1417. Minimum cover over Polypropylene pipe shall be 3-feet.
15. Trenching, bedding, and backfill for pipe shall conform to City Standard Detail No. 06.01.01.
16. Storm pipe shall be a minimum of 10 feet away from building foundations and/or roof lines.
17. All storm drain mains shall be tested and inspected for acceptance as outlined in Section 406 of the City of Puyallup Sanitary Sewer System Standards.
18. All temporary sedimentation and erosion control measures, and protective measures for critical areas and significant trees shall be installed prior to initiating any construction activities.

## SANITARY SEWER NOTES

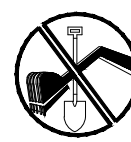
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3. All materials and workmanship shall conform to the Standard Specifications for Road, Bridge, and Municipal Construction (hereinafter referred to as the "Standard Specifications"), Washington State Department of Transportation and American Public Works Association, Washington State Chapter, latest edition, unless superseded or amended by the City of Puyallup City Standards for Public Works Engineering and Construction (hereinafter referred to as the "City Standards").
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6. The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.
7. Any structure and/or obstruction which require removal or relocation relating to this project shall be done so at the developer's expense.
8. Minimum grade on all 4 inch residential side sewers shall be 2 percent and 6 inch commercial side sewers shall be 1 percent; maximum shall be 8 percent. All side sewers shall be 6 inches within City right-of-way.
9. Side sewers shall be installed in accordance with City Standard Nos. 04.03.01, 04.03.02, 04.03.03 and 04.03.04. Side sewer installation work shall be done in accordance with the Washington Industrial Safety and Health Act (WSHA).
10. All sewer pipe shall be PVC, Polypropylene, or Ductile Iron. PVC sewer pipe shall conform to ASTM D-3034, SDR35 for pipe sizes 15-inch and smaller and ASTM F679 for pipe sizes 18- to 27-inch, ductile iron pipe shall be Class 51 or greater, lined with Protecto 401TM epoxy lining or equivalent, unless otherwise noted. 12-inch through 30-inch Polypropylene Pipe (PP) shall be dual walled, have a smooth interior and exterior corrugations and meet WSDOT 9-05.24(2). It shall meet or exceed ASTM F2764. 36-inch through 60-inch PP pipe shall be triple walled and meet WSDOT 9-05.24(2). It shall meet or exceed ASTM F2764. PP shall have a minimum pipe stiffness of 46 pip when tested in accordance with ASTM D2412. Testing shall be per ASTM F1417. Trenching, bedding, and backfill shall be in accordance with City Standard No. 06.01.01. Minimum cover on PVC and PP pipe shall be 3.0 feet. Minimum cover on ductile iron pipe shall be 1.0 foot.
11. Sanitary sewer manhole frames and covers shall conform to City Standard No. 06.01.02.
12. Sanitary sewer manholes shall conform to City Standard Nos. 04.01.01, 04.01.02, 04.01.03 and 04.01.04. All manholes shall be channeled for future lines as specified on these plans. Manhole steps and ladder shall conform to Standard No. 06.01.03.
13. Sanitary sewer pipe and side sewers shall be 10 feet away from building foundations and/or roof lines with the exception of side sewers that provide service to a single-family residence. At the discretion of the review engineer, a Licensed Professional Engineer will be required to stamp the design to account for depth or proximity to foundation, steep slopes, or other factors.
14. No side sewers shall be connected to any house or building until all manholes are adjusted to the finished grade of the completed asphalt roadway and the asphalt patch and seal around the ring are accepted.
15. For commercial developments in which sources of grease and/or oils may be introduced to the City sanitary sewer system, a City approved grease interceptor shall be installed downstream from the source.
16. Once sewer and all other utility construction is completed, all sanitary sewer mains and side sewers shall be tested per Section 406 of the City Standards.

## **GRADING, EROSION, AND SEDIMENT CONTROL PLAN NOTES**

1. All work in City right-of-way requires a permit from the City of Puyallup. Prior to any work commencing, the general contractor shall arrange for a preconstruction meeting at the Development Services Center to be attended by all contractors that will perform work shown on the approved engineering plans, representatives from all applicable utility companies, the project owner and appropriate city staff. Contact Engineering Services at (253-841-5568) to schedule the meeting. The contractor is responsible to have their own set of approved plans at the meeting.
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4. A copy of these approved plans and applicable city developer specifications and details shall be on site during construction.
5. Any revision made to these plans must be reviewed and approved by the developer's engineer and the Engineering Services Staff, and the FMWC, VW, or TCW when served by that purveyor, prior to any implementation in the field. The City shall not be responsible for any errors and/or omissions on these plans.
6. The contractor shall have all utilities verified on the ground prior to any construction. Call (811) at least two working days in advance. The owner and his/her engineer shall be contacted immediately if a conflict exists.
7. All limits of clearing and areas of vegetation preservation as prescribed on the plans shall be clearly flagged in the field and observed during construction.
8. All required sedimentation and erosion control facilities must be constructed and in operation prior to any land clearing and/or other construction to ensure that sediment laden water does not enter the natural drainage system. The contractor shall schedule an inspection of the erosion control facilities PRIOR to any land clearing and/or other construction. All erosion and sediment facilities shall be maintained in a satisfactory condition as determined by the City, until such time that clearing and/or construction is completed and the potential for on-site erosion has passed. The implementation, maintenance, replacement, and additions to the erosion and sedimentation control systems shall be the responsibility of the permittee.
9. The erosion and sedimentation control system facilities depicted on these plans are intended to be minimum requirements to meet anticipated site conditions. As construction progresses and unexpected or seasonal conditions dictate, facilities will be necessary to ensure complete situation control on the site. During the course of construction, it shall be the obligation and responsibility of the permittee to address any new conditions that may be created by his activities and to provide additional facilities, over and above the minimum requirements, as may be needed to protect adjacent properties, sensitive areas, natural water courses, and/or storm drainage systems.
10. Approval of these plans is for grading, temporary drainage, erosion, and sedimentation control only. It does not constitute an approval of permanent storm drainage design, size or location of pipes, restrictors, channels, or retention facilities.
11. Any disturbed area which has been stripped of vegetation and where no further work is anticipated for a period of 30 days or more, must be immediately stabilized with mulching, grass planting, or other approved erosion control treatment applicable to the time of year in question. Grass seeding alone will be acceptable only during the months of April through September inclusive. Seeding may proceed outside the specified time period whenever it is in the interest of the permittee but must be augmented with mulching, netting, or other treatment approved by the City.
12. In case erosion or sedimentation occurs to adjacent properties, all construction work within the development that will further aggravate the situation must cease, and the owner/contractor will immediately commence restoration methods. Restoration activity will continue until such time as the affected property owner is satisfied.
13. No temporary or permanent stockpiling of materials or equipment shall occur within critical areas or associated buffers, or the critical root zone for vegetation proposed for retention.

<b>APPROVED</b>	
BY	<u>Lance R. Hollingsworth</u>
CITY OF PUYALLUP DEVELOPMENT ENGINEERING	
DATE	<u>06/26/2025</u>
<b>NOTE: THIS SIGNATURE 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.</b>	

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:

Engineer:



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

Project:

## Washington State Fair Barn M Improvements

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

Building	Planning
Engineering	Public Works
Fire	Traffic

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

# Civil Construction Permit

[illegible]

DRAWN BY:

DESIGN BY: J. J.

PROJ. NO: 1507-016

DATE: June 24, 2025

SHEET NAME

## General Notes

DING

C1-002

2 OF 27



Stormwater system cleaning and testing requirements shall be as outlined in WSDOT Section 7-17.3(2) and the standards herein. Stormwater system cleaning and testing shall be completed to the satisfaction of the City Engineer, or designee, prior to final acceptance. After completion of all project utility work (sewer, water, storm, etc.) and associated utility trench backfill and compaction, stormwater lines shall be cleaned and tested by the Contractor prior to final acceptance, as outlined in Section 208.1 through 208.4. At the end of the maintenance and warranty period, the developer/contractor is required to clean and flush the lines as outlined in the standards herein. Other testing may be required at the end of the maintenance and warranty period, as determined by the City Engineer.

The Contractor shall arrange to have all water and debris accumulated during construction removed from the system. Stormwater cleaning operations shall consist of jetting all stormwater lines, both main lines and laterals. Jetting lines shall never result in pushing sediment or debris downstream and all sediment, debris and water shall be removed from the stormwater system by a vacuum truck. Sediment or debris introduced to the City's stormwater system because of construction activity shall be removed immediately by the Contractor in conformance with WSDOT Section 7-04.

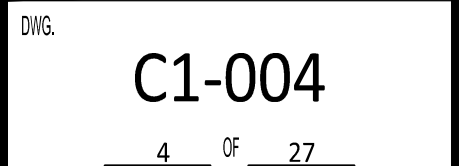
Stormwater pipes shall be tested for deflection prior to visual inspection. Thermoplastic pipe shall be tested for deflection not less than 30 days after the trench backfill and compaction has been completed. Deflection testing shall be conducted by pulling a mandrel (rigid or adjustable) with a diameter not less than 95 percent of the normal diameter of the pipe being tested. Mandrel testing shall be conducted in conformance with WSDOT Section 7-17.3(2)G.

All new stormwater pipes shall be subject to a low-pressure air test per WSDOT Section 7-17.3(2)F. Pressure testing shall be in accordance with the following, unless otherwise determined by the City Engineer, or designee.

- All new stormwater pipes shall be visually inspected in conformance with WSDOT Section 7-17.3(2)H, following satisfactory trench compaction testing, flushing, low pressure air testing, and deflection testing. All manholes and catch basins shall be watertight with grade rings set in place prior to stormwater video inspection. The remote camera used in stormwater visual inspection shall be one specifically designed for trench work, with the capability to rotate the camera 360 degrees and lighting suitable to allow a clear high-quality picture of the entire periphery of the pipe. The camera shall proceed through the pipe at an appropriate velocity to allow adequate inspection of all pipe joints. All pipe joints shall be closely inspected by rotating the camera as needed to provide a clear view. The Contractor shall introduce water, with dye, to the stormwater system immediately prior to the visual inspection. The water shall be added to the stormwater pipe at the manhole where the inspection is to begin. A 1.5-inch diameter, 1-inch squared ball shall be attached to the front of the camera to provide a basis for estimating the depth of the ponding within the stormwater pipe.

1. An electronic report of the inspection and copy of the inspection video in electronic form on a flash drive.
2. Video shall be labeled with the date and time, street name or location, upstream/ downstream structure, pipe size, pipe length and pipe material type.
3. Location and depths of all ponding  $\frac{1}{4}$ " or greater.
4. Location of deflections, deformation, or structural defects.
5. One file should be submitted with all stormwater pipe runs for the project. One-by-one submittals will not be accepted.
6. Video or inspection reports failing to meet criteria 1-5 above will not be reviewed and will be returned to the contractor/developer.

The Contractor shall bear all costs for the correction of any deficiencies found during TV inspection, including the costs for additional TV inspection and pressure testing needed to verify that the deficiencies were corrected. All components of the video and recording equipment shall be sufficient to provide picture quality to the satisfaction of the City Engineer, or designee.



**APPROVED**

BY Lance R. Hollingsworth

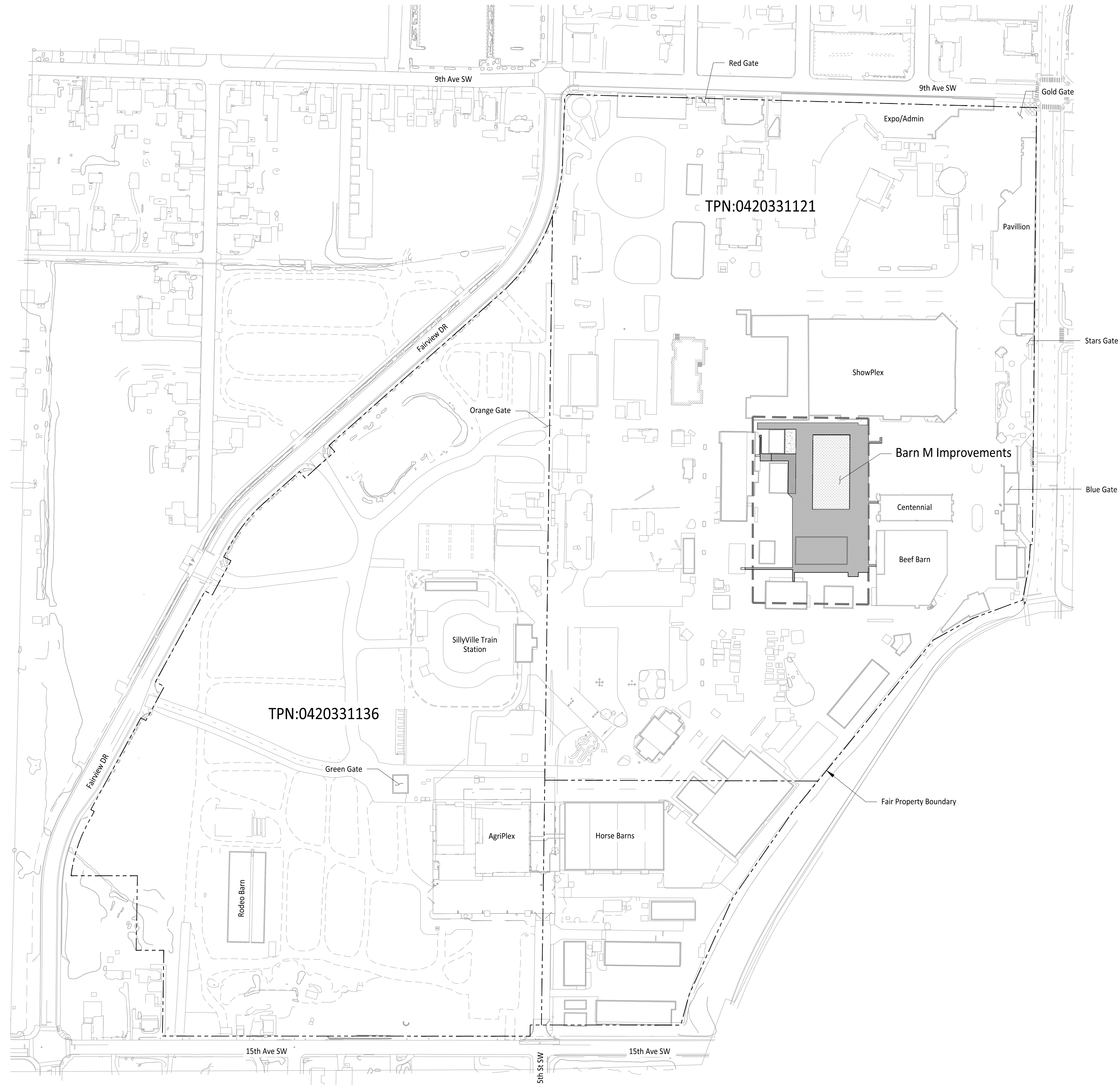
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE 06/26/2025

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MANAGER.

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UTILITIES UNDERGROUND LOCATION CENTER



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Owner/Developer:

*Washington*  
**STATE FAIR**  
PUYALLUP

Washington State Fair  
10 9th Ave SW  
Yallup, WA 98371  
(509) 841-5356

architect:

gineer:

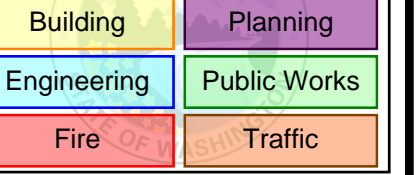


Justin Jones, PE  
105 Main St. Suite 200  
Sumner, WA 98390  
(206) 596-2020

Project:

## Washington State Fair Farm M Improvements

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



NE INCH AT FULL SCALE.  
NOT, SCALE ACCORDINGLY

Civil Construction  
Permit[illegible]

AWN BY: EJK

SIGN BY: JJ

U. NO: 1507-016

E: June 24, 2025

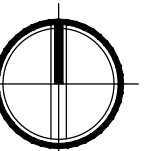
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WSF Map

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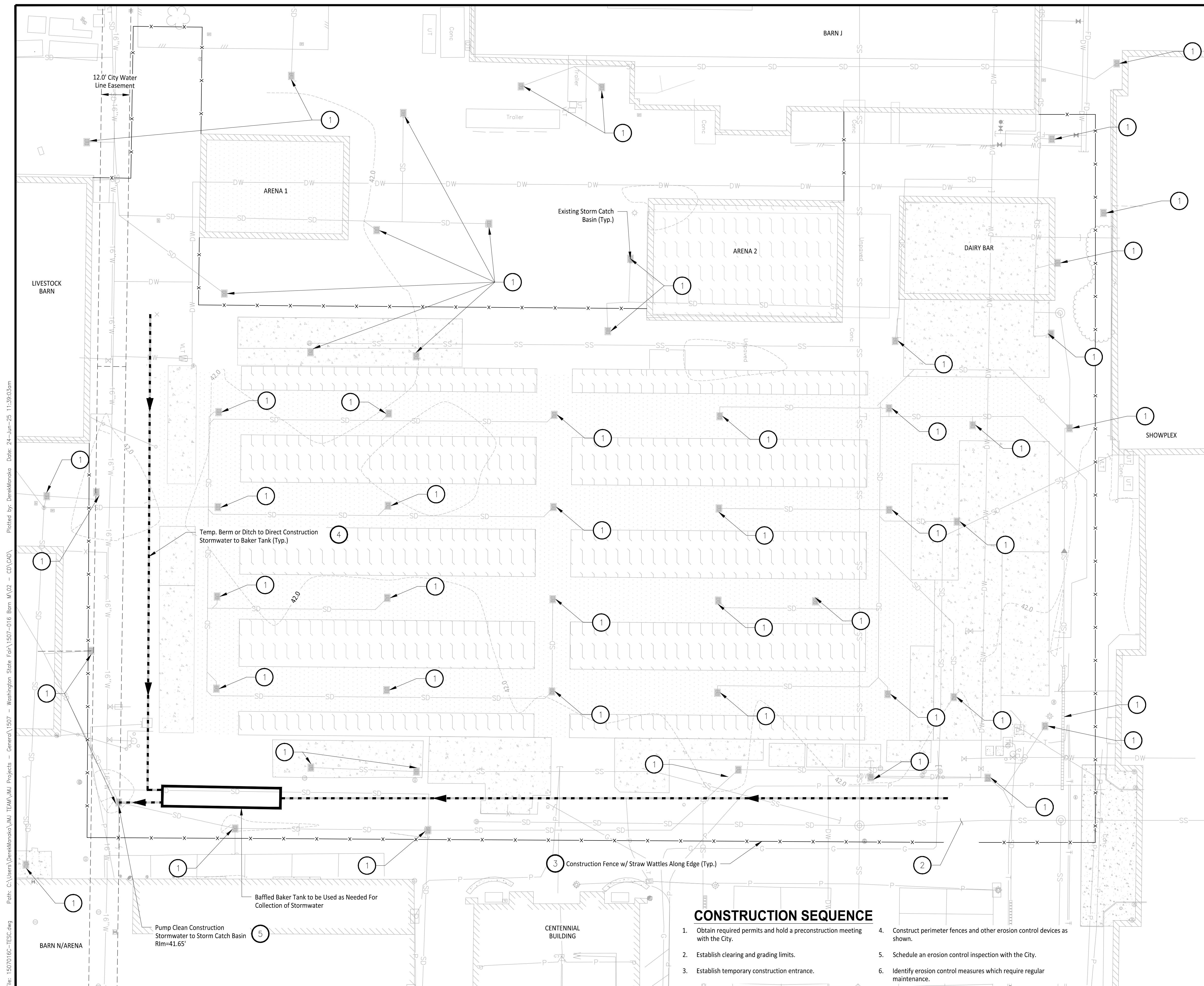
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8 OF 27





Revised June 2016

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Revised December 2016

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*Washington*  
**STATE FAIR**  
PUYALLUP

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

Architect



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

## Washington State Fair Barn M Improvements

ONE INCH AT FULL SCALE  
IF NOT, SCALE ACCORDINGLY

Civil Construction  
Permit[illegible]

DESIGN BY: J

PROJ NO: 1507-01

DATE: June 24, 2025

SHEET NAME

## TESC Details

C2-202

10 OF 27

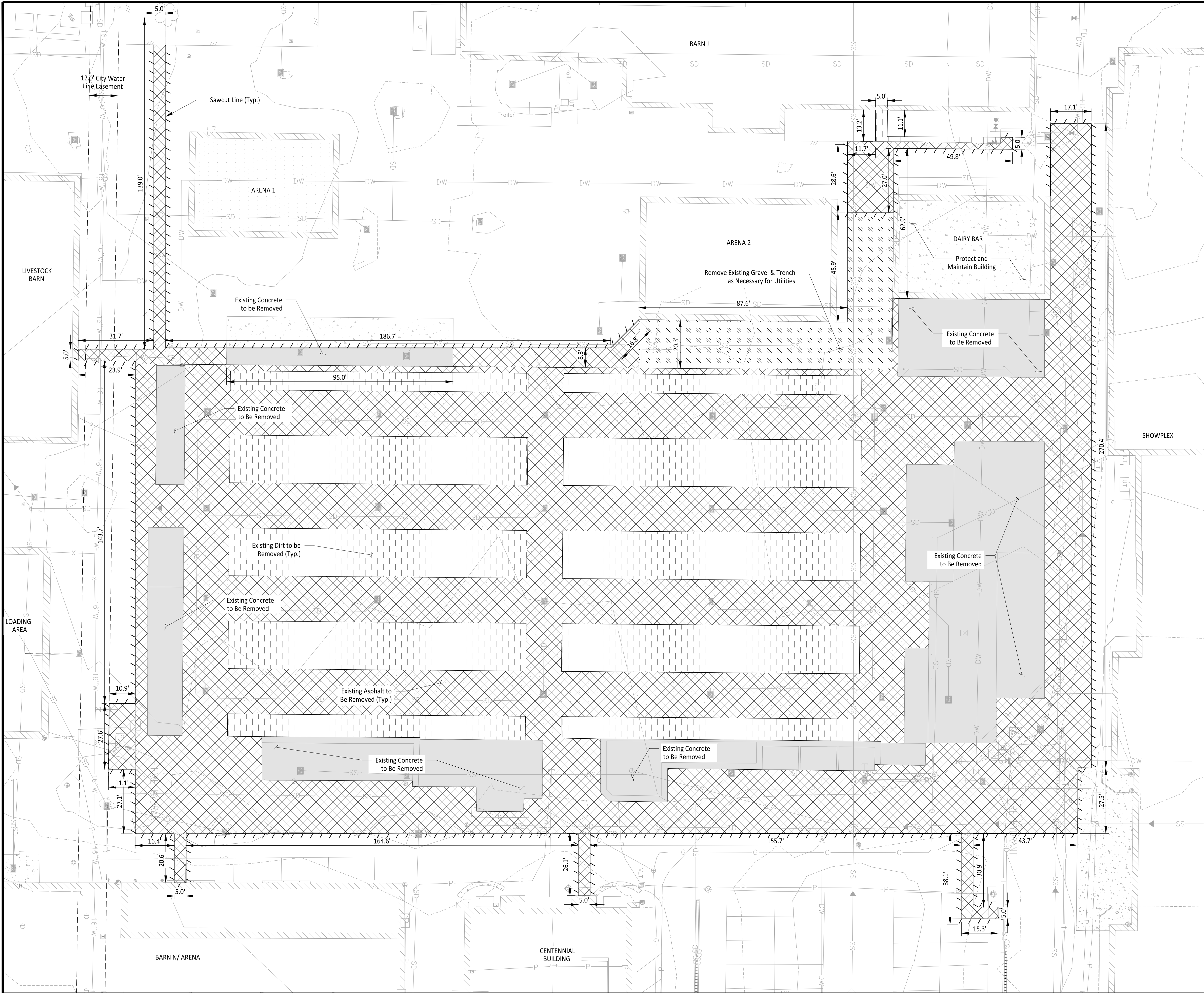
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BY Lance R. Hollingsworth  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE 06/26/2025

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LEGEND

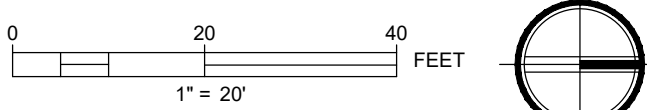
- Existing Concrete to be Removed
- Existing Asphalt to be Removed
- Existing Dirt to be Removed
- Existing Gravel to be Removed
- Sawcut Line
- Existing Storm Line
- Existing Water Line
- Existing Sewer Line
- Existing Gas Line
- Existing Power Line
- Existing Building Line
- Existing Catch Basin
- Existing Sanitary Sewer Manhole

GENERAL NOTES

- The existing Barn M was demolished down to the existing surfacing (i.e. concrete, asphalt, dirt) under separate Permit.
- All Existing Utility Connection to Building were cut and capped during Building Demolition.

DEMO QUANTITY

- |  |           |
|--|-----------|
| 1. Existing Asphalt Area to be Removed:  | 51,009 SF |
| 2. Existing Concrete Area to be Removed: | 15,616 SF |
| 3. Existing Gravel Area to be Removed:   | 3,022 SF  |
| 3. Existing Dirt Area to be Removed:     | 19,566 SF |
| 5. Total Disturbed Area:                 | 88,900 SF |



**APPROVED**

BY *Laurel Hollingsworth*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE **06/26/2025**

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Owner/Developer:

**Washington  
STATE FAIR  
PUYALLUP**

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

Architect:

Engineer:

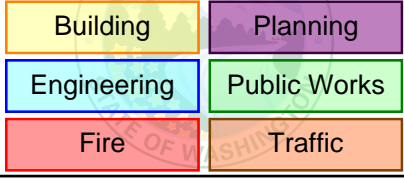


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905 Main St. Suite 200  
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Project:

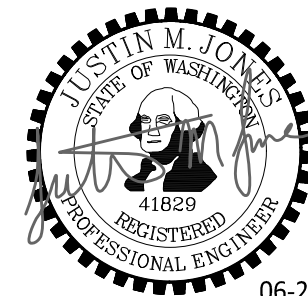
**Washington State Fair  
Barn M Improvements**

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



**ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY**

**Civil Construction  
Permit**



REV	DATE	DESCRIPTION
1	06-10-25	City Comment Revision #1
2	06-24-25	City Comment Revision #2

DRAWN BY: EJK DESIGN BY: JJ

PROJ. NO: 1507-016

DATE: June 24, 2025

SHEET NAME

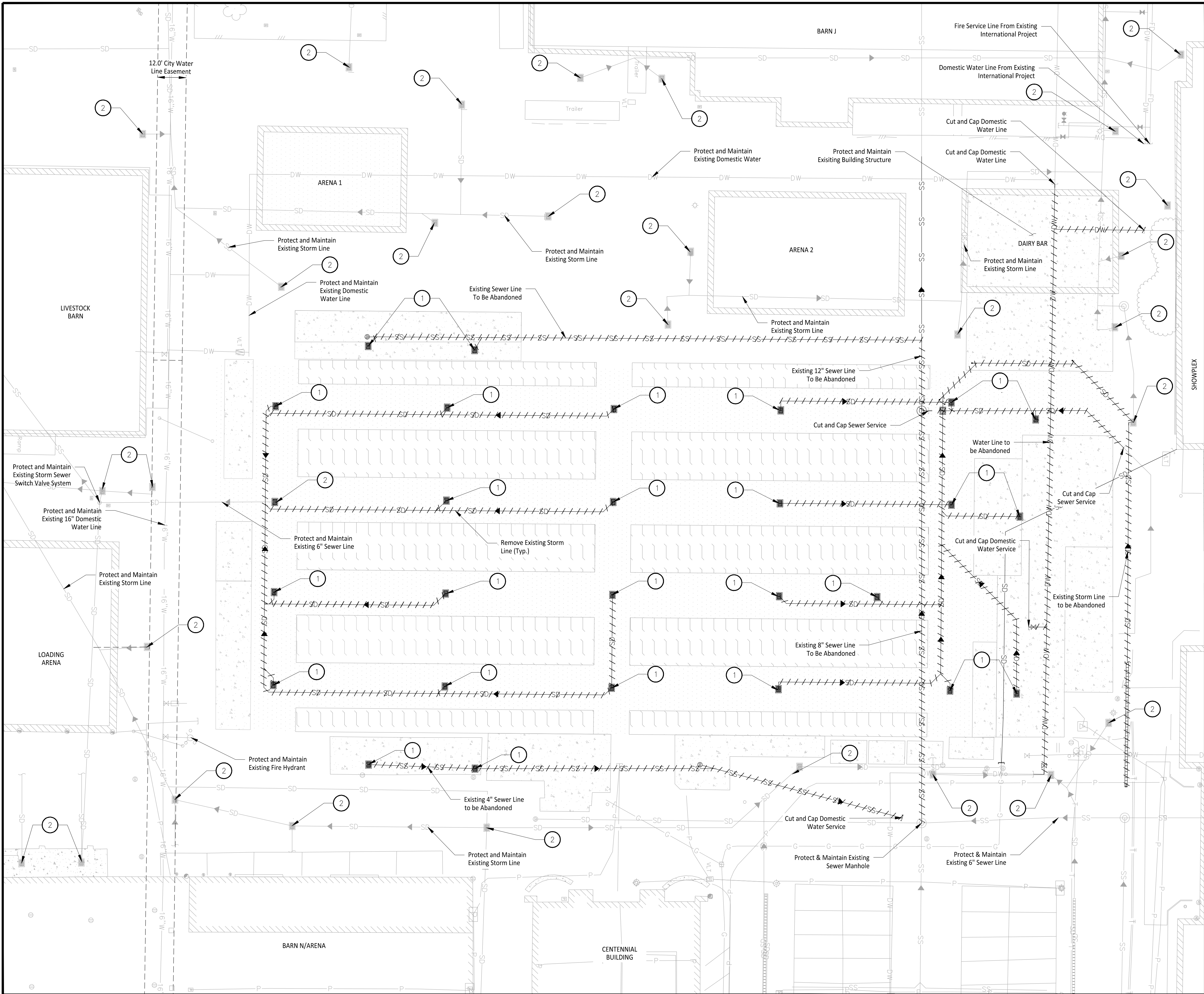
**Hardscape  
Demolition  
Plan**

DWG.

**C2-301**

11 OF 27

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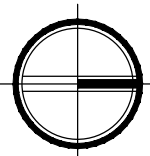
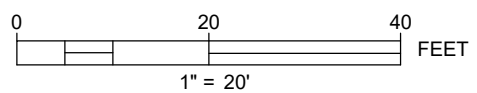


### LEGEND

- Remove or Abandon Existing Storm Line
- Remove or Abandon Existing Sewer Line
- Remove or Abandon Existing Water Line
- Existing Building Line
- Existing Catch Basin
- Existing Catch Basin to be Removed
- Existing Sanitary Sewer Manhole
- Existing Fire Hydrant
- Existing Clean Out
- Existing Gas Valve
- Existing Asphalt
- Existing Concrete
- Existing Dirt

### # DEMO NOTES

1. Remove Existing Storm Catch Basins
2. Protect and Maintain Existing Catch Basins



#### APPROVED

BY:   
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE: 06/26/2025

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

Architect:

Engineer:



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

Project:

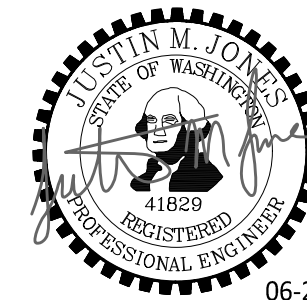
Washington State Fair  
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REV	DATE	DESCRIPTION
1	06-10-25	City Comment Revision #1
2	06-24-25	City Comment Revision #2

DRAWN BY: ELK DESIGN BY: JJ

PROJ. NO: 1507-016

DATE: June 24, 2025

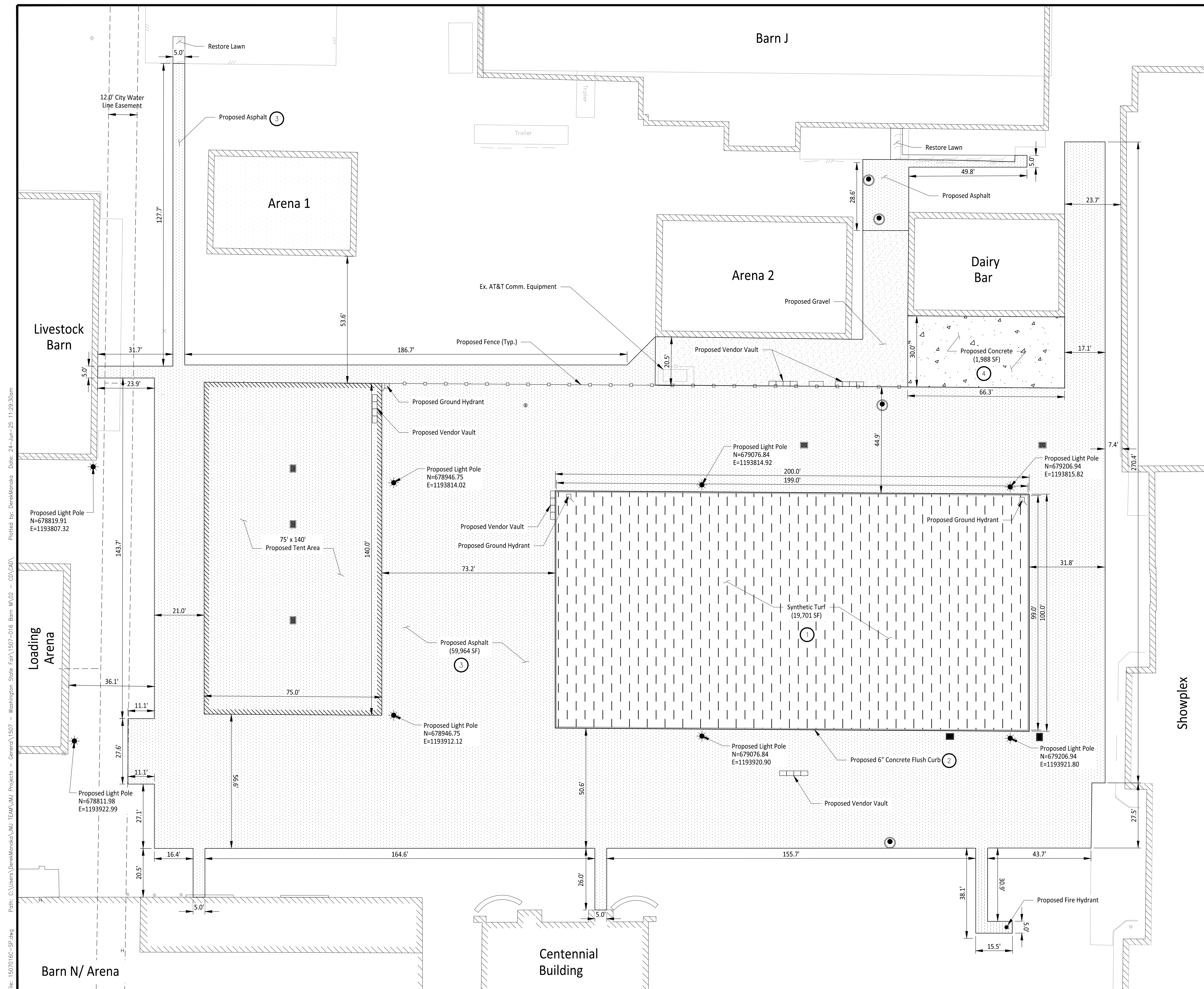
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Utility  
Demo Plan

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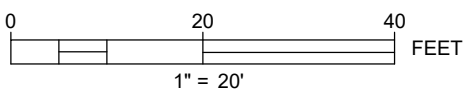
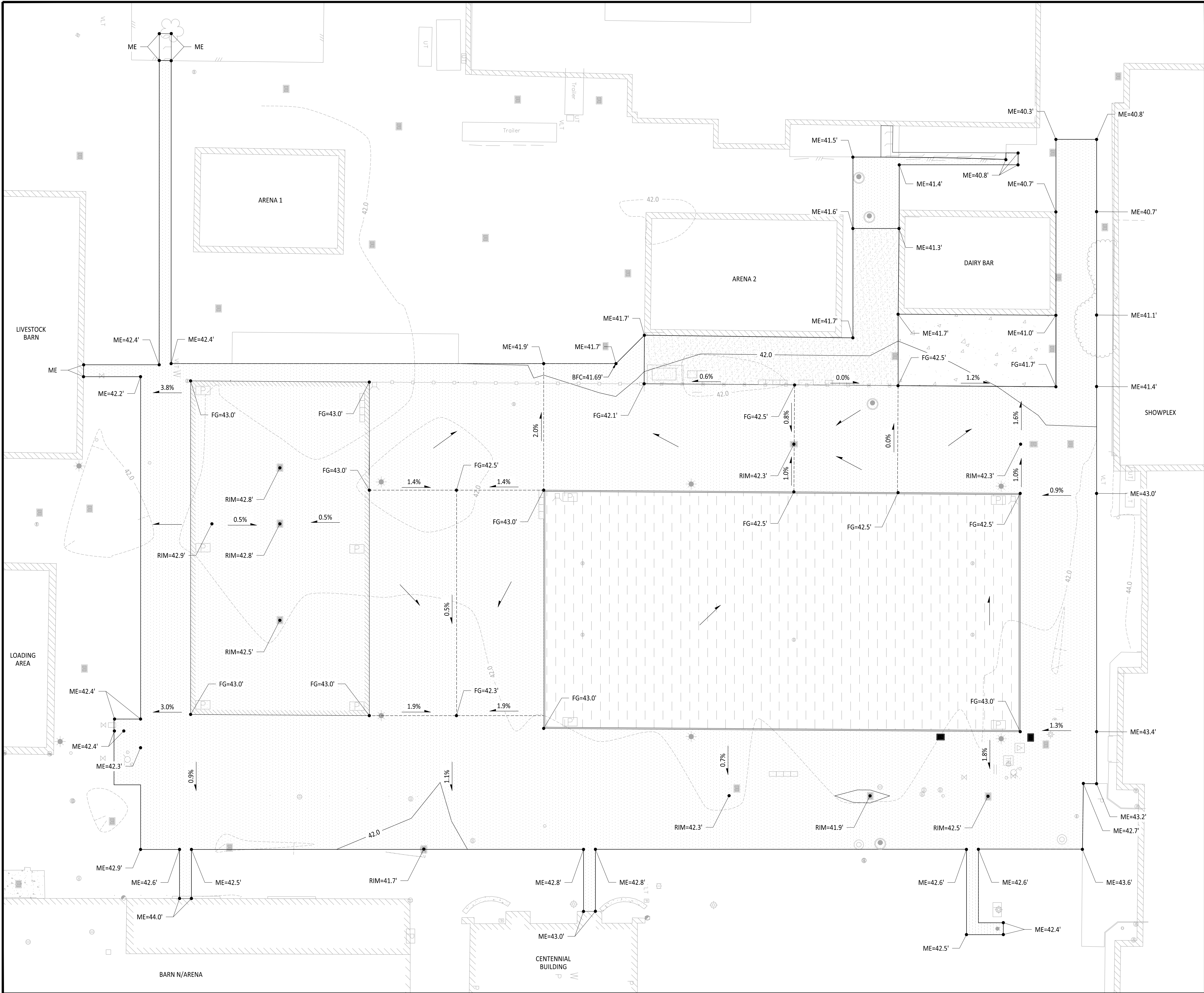
C2-401

12 OF 27



13 OF 27

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BY: *Lance D. Hollingsworth*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING  
DATE: **06/26/2025**  
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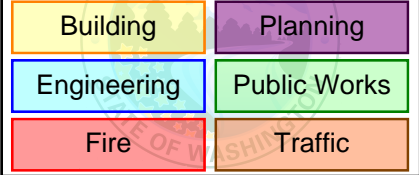


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(206) 596-2020

Project:

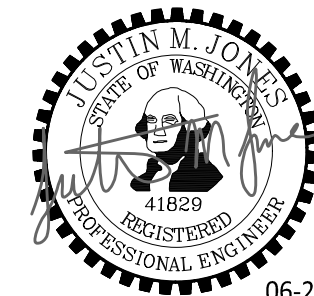
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REV	DATE	DESCRIPTION
1	06-10-25	City Comment Revision #1
2	06-24-25	City Comment Revision #2

DRAWN BY: EJK DESIGN BY: JJ

PROJ. NO: 1507-016

DATE: June 24, 2025

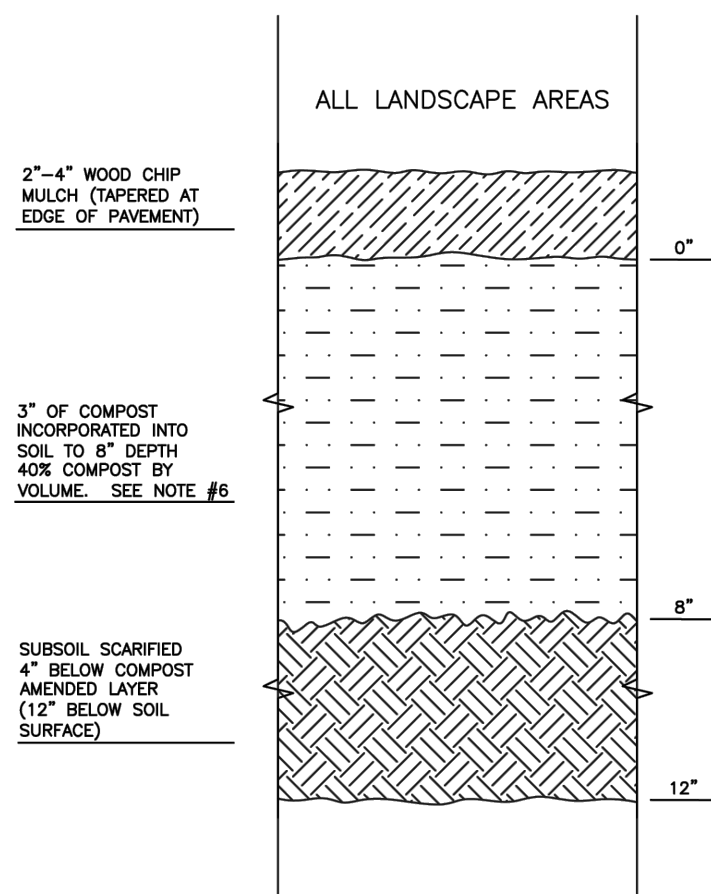
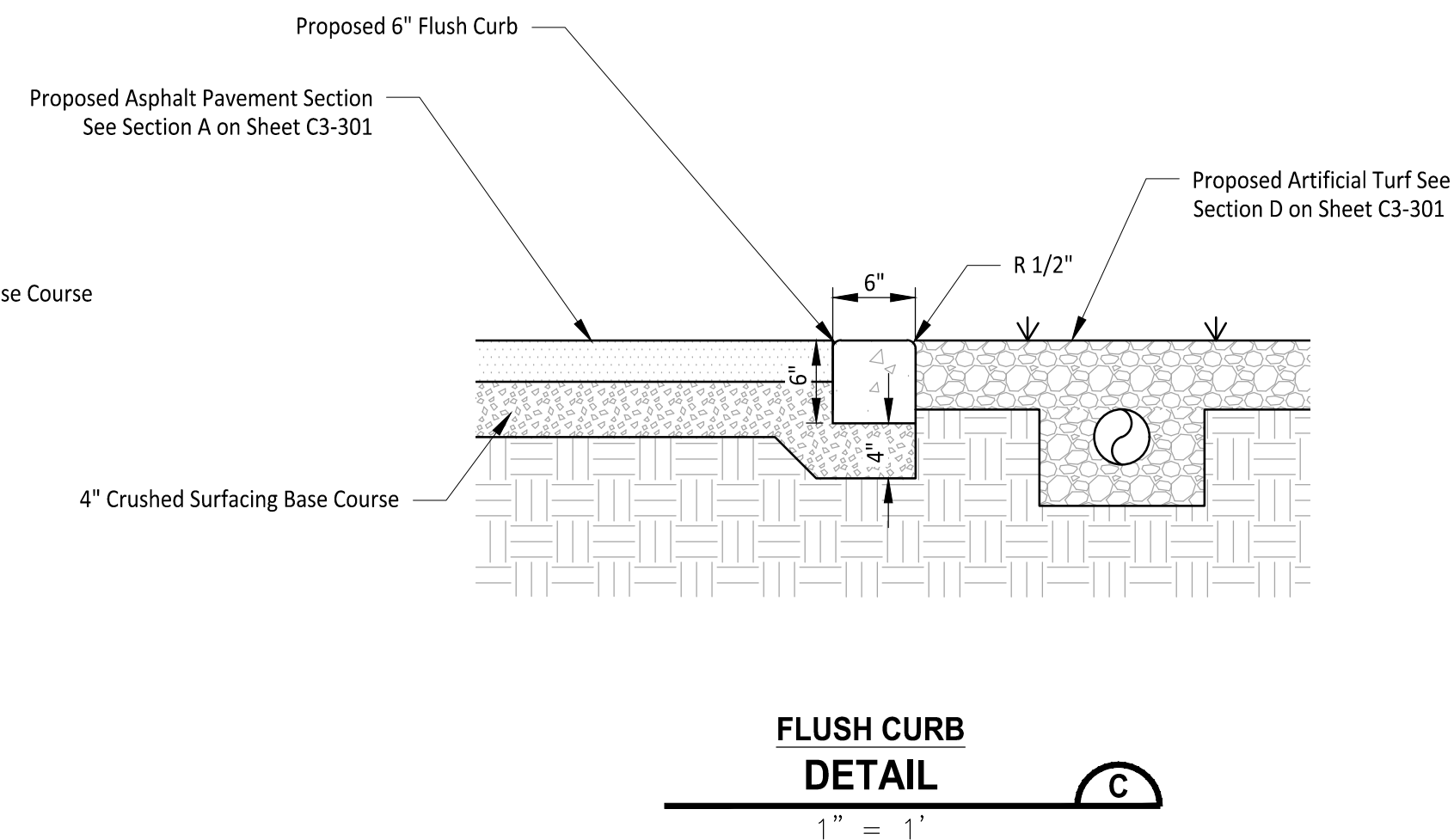
SHEET NAME

**Grading  
Plan**

DWG.

**C3-201**

14 OF 27



- NOTES:**
1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
  2. SUBSOIL SHOULD BE SCARIFIED (LOOSENED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12-INCH DEPTH OF UN-COMPACTED SOIL, EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER. SEE NOTE BELOW REGARDING PLANTING FOR STREET TREES.
  3. COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL, PER SOIL SPECIFICATION.
  4. PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST TILLED IN TO 8-INCH DEPTH, OR MAY SUBSTITUTE 8" OF IMPORTED SOIL CONTAINING 35-40% COMPOST BY VOLUME, MAXIMUM AFTER PLANTING, WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE MULCH MAY BE USED TO REPLACE PLANTING TO 4").
  5. SETBACKS: TO PREVENT UNIFORM SETTLING, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, WATERS ETC.). WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR TO ENSURE A FIRM SURFACE.
  6. SEE SECTION 8.2(B) OF THE VMS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTING STRIPS. ALL STREET TREE PLANTING STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOT PLANTER.

CITY OF  
PUYALLUPDEVELOPMENT ENGINEERING and  
PUBLIC WORKS DEPARTMENTS

## SOIL AMENDMENT AND DEPTH

DRAWN BY LINDA LIAN		CHECKED BY CHRIS BEALE		APPROVED BY COLLEEN HARRIS		REVISED BY XXXX		CITY STANDARD	
FILE NAME F:\DWG\COMMON\STD\STD\STR\01.02.08		DATE APPROVED 08/01/2015		DATE REVISED XXXXXX		SCALE 1:1		01.02.08	

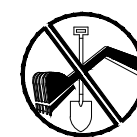
**APPROVED**

BY Lance R. Hollingsworth  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE 06/26/2025

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Puyallup, WA 98371  
(253) 841-5356

Architect:

Engineer:



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

Project:

## Washington State Fair Barn M Improvements

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

Building

Engineering

Engineering

Fire

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Civil Construction  
Permit[illegible]

DRAWN BY: 8

DESIGN BY: J

PROJ. NO: 1507-016

DATE: June 24, 2025

SHEET NAME

## Hardscape Details

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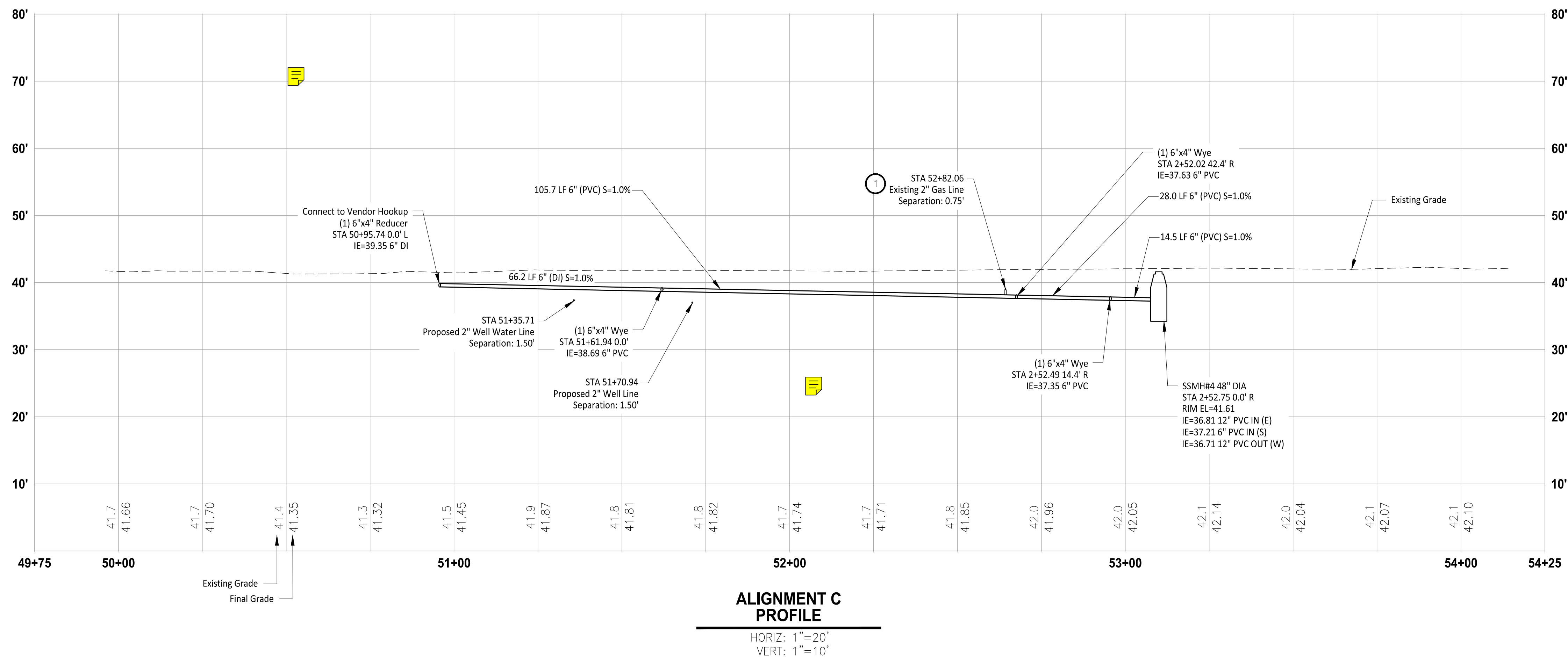
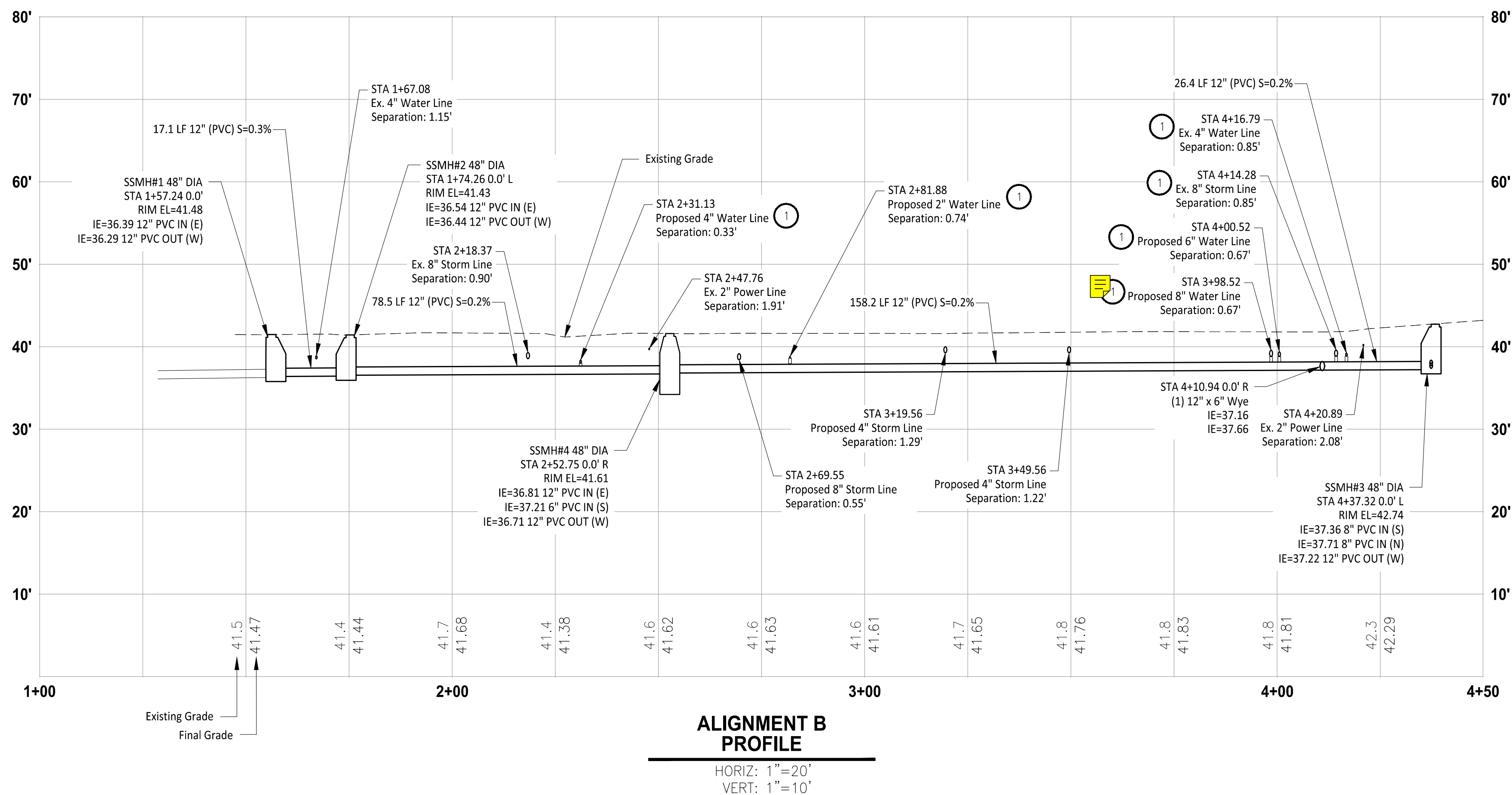
C3-301

15 OF 27









## GENERAL NOTES

1. Sewer Pipe to be SDR 35 PVC.
2. Sewer Line to have a minimum 3-foot cover from finished grade.

## SEWER PROFILE CONSTRUCTION NOTES

1. Contractor to install foam pad between pipe crossings with less than 18" of vertical clearance. The pad shall be O.D x O.D. x 2.5 inches thick minimum or as required to protect the pipes. Above O.D. is equal to the outside diameter of the larger pipe. The pad shall be a polyethylene foam plank (Dow Plastics Ethafoam 220), or approved equal. See Detail C on Sheet C5-201 for detail, and Sheet C6-202 for City of Puyallup Utility Crossing Standard Details.

Owner/Developer:

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Architect:

Engineer:



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905 Main St. Suite 200  
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Project:

## Washington State Fair Barn M Improvements

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Building	Planning
Engineering	Public Works
Fire	Traffic

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DRAWN BY: EJK	DESIGN BY: JJ
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PROJ NO: 1507-016

SHEET NAME

## Sewer Profiles

DING

C5-102

19 OF 27

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BY Lance R. Helgeson  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE 06/26/2015

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MANAGER.

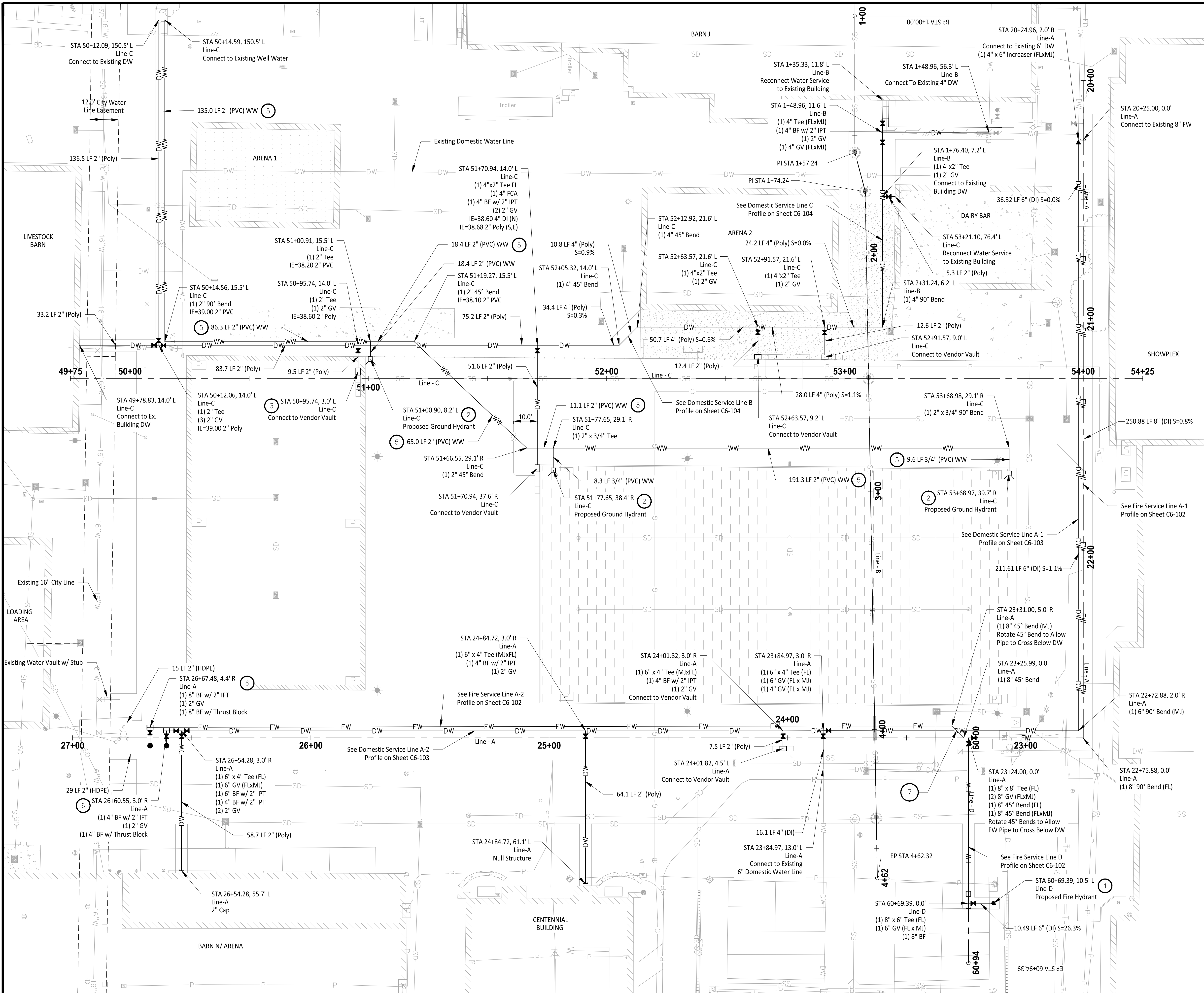
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LEGEND

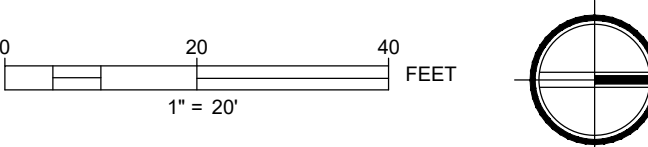
- Proposed Fire Hydrant
- Proposed Water Valve
- Proposed Water Increaser
- Proposed Ground Hydrant
- Proposed Vendor Vaults
- DW Domestic Water Line
- FW Fire Service Water Line
- WW Well Water Line

CONSTRUCTION NOTES

- Install Fire Hydrant, per City of Puyallup Standard Detail 3.05.01 on Sheet C6-201.
- Install Ground Hydrant, per Detail A on Sheet C6-201.
- Connect to Vendor Vault, per Detail B on Sheet C6-202.
- Where sewer and water line cannot be laid with 10-foot minimum horizontal separation, guideline below shall be followed:
  - Sewer Line is laid in separate trench from water line.
  - Bottom of Water Line is laid at least 18-inches above the crown of the sewer.
  - 5-foot minimum horizontal separation shall be maintained between water and sewer pipes.
- Well Water Supply Lines to be wrapped with "NON-POTTABLE WATER" Tape.
- Install 2" Blow-Off Assembly per City of Puyallup Standard Detail 03.06.01 on Sheet C6-202.
- Fire Service and Domestic Service Crossing per Detail D on Sheet C6-203.

GENERAL NOTES

- All ductile iron pipes shall be Class 52.
- All POLY pipes shall be High Density Poly (iron pipe size) meeting ASTM D-2239-SDR 7, blue in color, 200 PSI minimum.
- All POLY pipes shall maintain 2-foot minimum cover from Finished Grade.
- All Ductile Iron pipes shall maintain 3-foot minimum cover from Finished Grade.
- Contractor to pothole and verify elevations and pipe sizes at existing crossings and connection points and notify Engineer prior to construction.
- Fire Service and Domestic Service Line Trenching per Section C on Sheet C6-202.



**APPROVED**  
BY: *Lucy L. Hollingsworth*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING  
DATE: 06/26/2025  
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Puyallup, WA 98371  
(253) 841-5356

Architect:

Engineer:



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

Project:

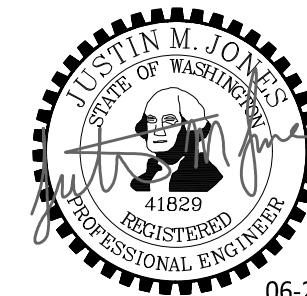
**Washington State Fair**  
**Barn M Improvements**

**City of Puyallup**  
**Development & Permitting Services**  
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Building	Planning
Engineering	Public Works
Fire	Traffic

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REV	DATE	DESCRIPTION
1	06-10-25	City Comment Revision #1
2	06-24-25	City Comment Revision #2

DRAWN BY: ELK DESIGN BY: JJ

PROJ. NO: 1507-016

DATE: June 24, 2025

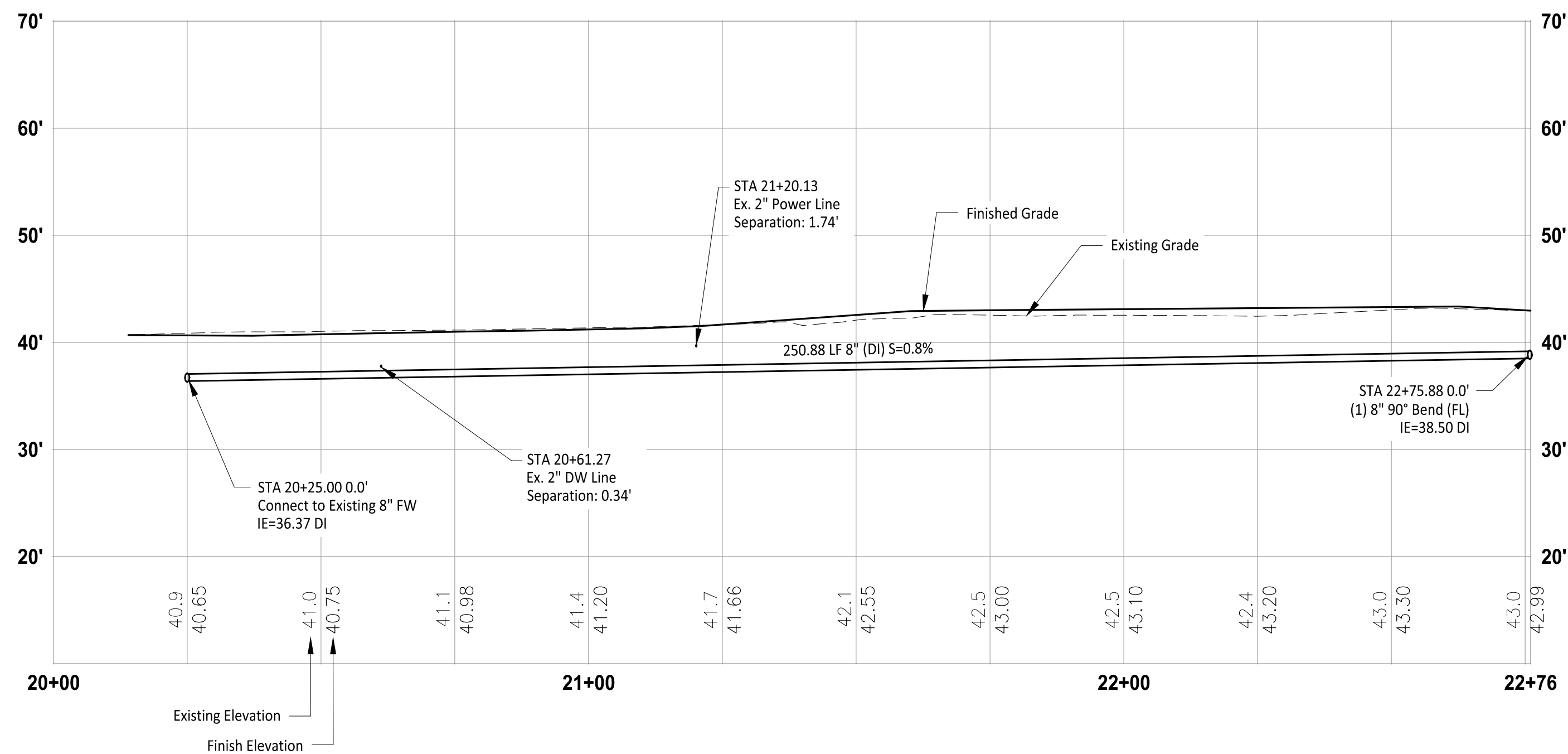
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**Composite**  
**Water Plan**

DWG.

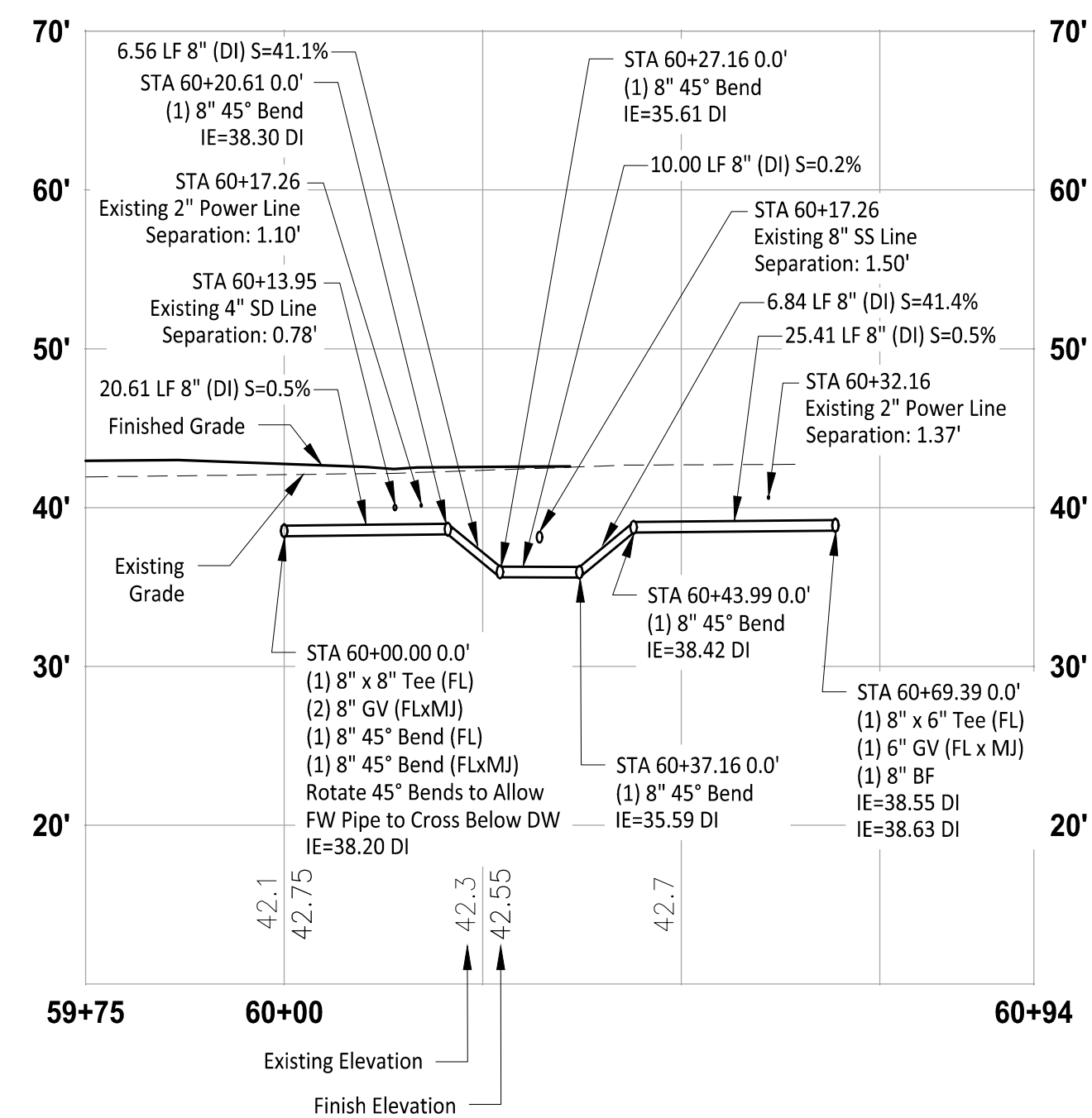
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21 OF 27



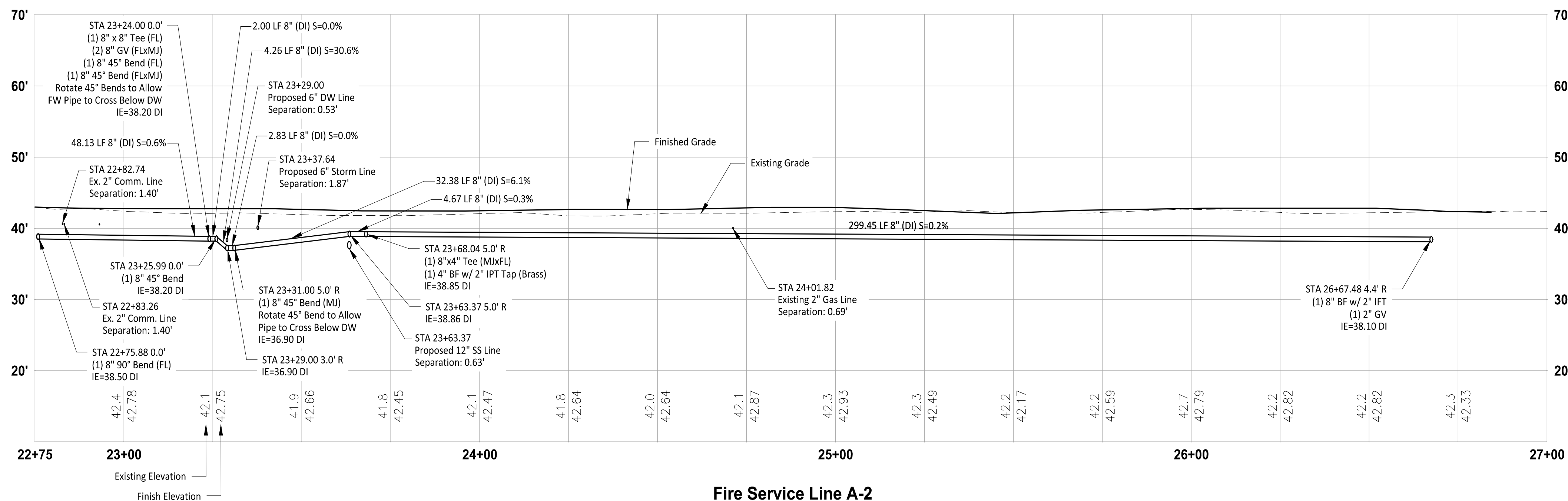
## Fire Service Line A-1 **PROFILE**

HORIZ: 1"=20'  
VERT: 1"=10'



## Fire Service Line D **PROFILE**

HORIZ: 1"=20'  
VERT: 1"=10'



## Fire Service Line A-2 **PROFILE**

HORIZ: 1"=20'  
VERT: 1"=10'

## GENERAL NOTES

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

Owner/Developer:

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PUYALLUP

Washington State Fair  
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architect:

engineer:

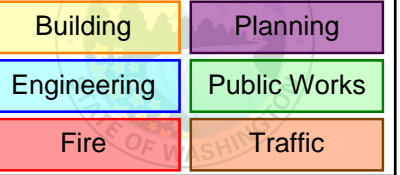


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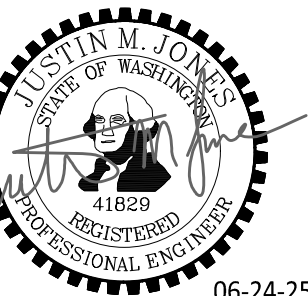
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## Washington State Fair Farm M Improvements

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SIGN BY: JJ

1507-016

TE: June 24, 2025

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## Water Plan & Profile

G

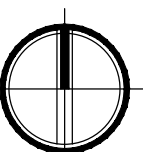
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22 OF 27

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DATE 06/26/2025

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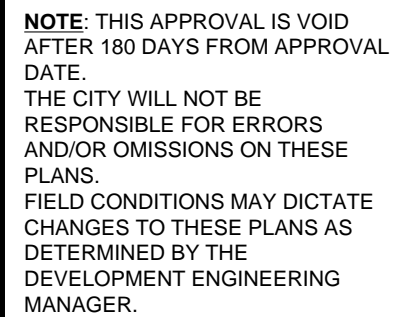
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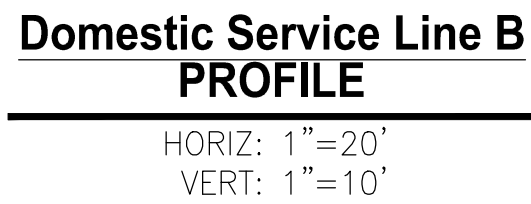
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## C6-103



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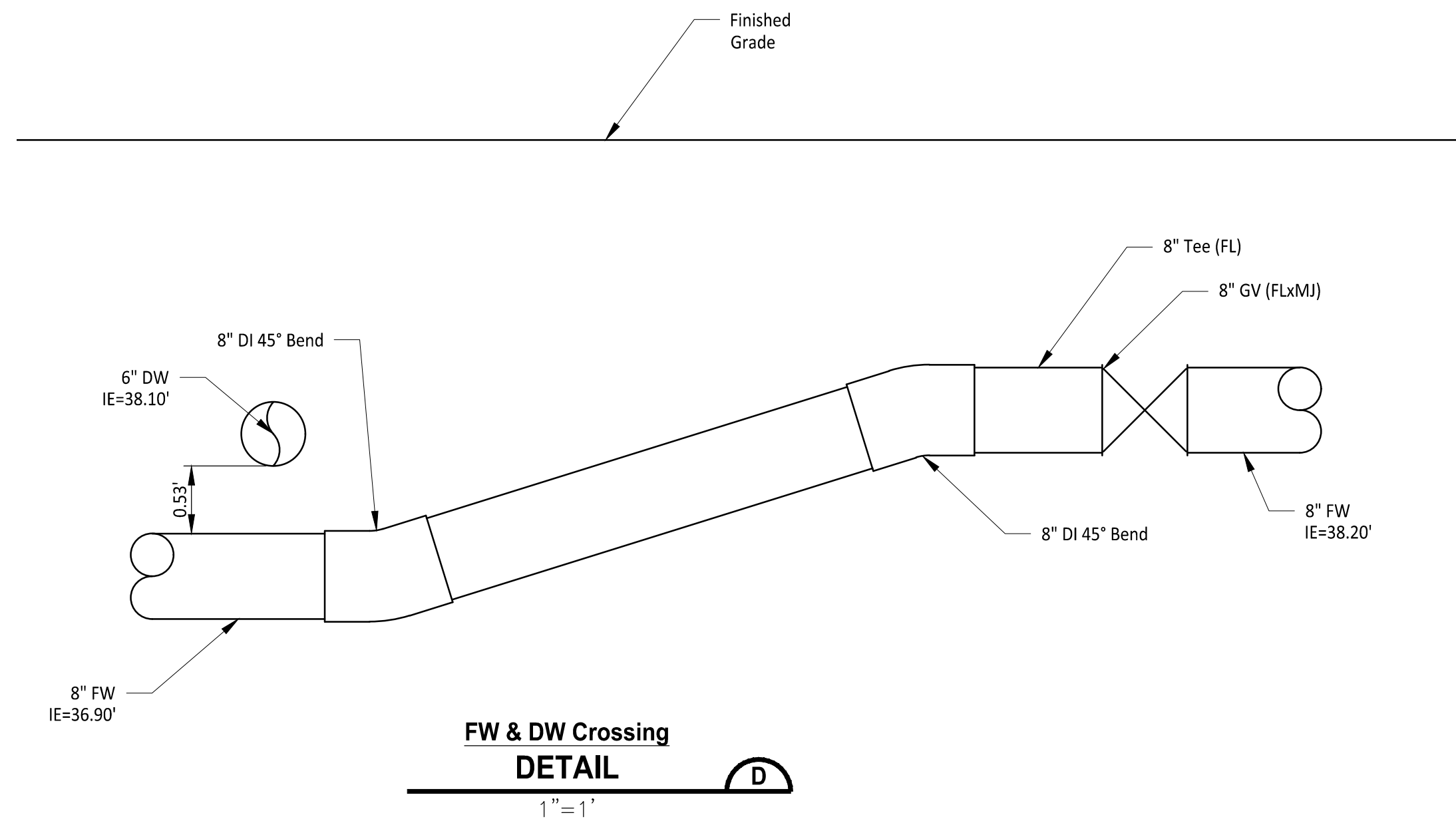


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ner/Developer: