

**Puyallup School District
Sparks Stadium
Parking Lot Expansion**

**Operation & Maintenance
Manual**

Prepared for:

**Puyallup School District
323 12th St NW
Puyallup, WA 98371**

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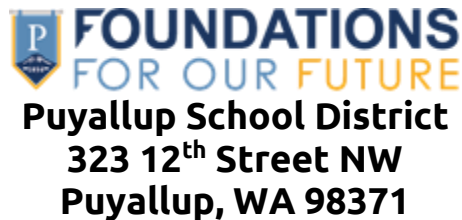
April 2025

Job Number 19,474



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Plan Preparation

"I hereby state that this Operation and Maintenance Manual for Sparks Stadium Parking Lot Expansion has been prepared by me or under my supervision and meets the standard of care and expertise which is usual and customary in this community for professional engineers. I understand that the City of Puyallup does not and will not assume liability for the sufficiency, suitability, or performance of the stormwater system prepared by me."

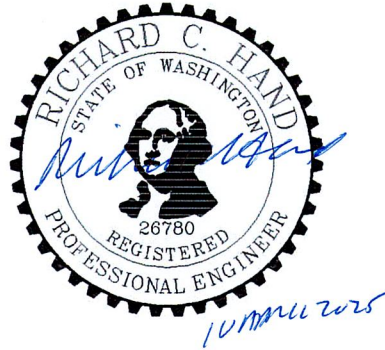


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1 Purpose

The purpose of this Manual is to provide guidelines for maintaining the permanent on-site storm drainage system improvements that were constructed as a part of the Puyallup School District Sparks Stadium Parking Lot Addition Project. These improvements are located at 601 7th Avenue SW, Puyallup, WA 98371. See the vicinity map included in Figure 1 below.

1.1 Storm Improvements

The extent of the project stormwater improvements is limited to pervious pavements. There was no storm drainage utility infrastructure, such as, catch basins and pipelines that were installed for this project. See the project drawings attached in Appendix A.

1.2 Operation & Maintenance Responsibility

Operations and Maintenance will be the responsibility of the Owner, the Puyallup School District. Mr. Philip Anderson is the maintenance contact person at Puyallup School District. His information is:

Mr. Philip Anderson
Director of Maintenance
323 12th Street NW
Puyallup, Washington 98371
Phone: (253) 841-8777

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Figure 1: Vicinity Map



Permanent Facilities Description

1.3 Pervious or Permeable Pavement

In the proposed condition, stormwater runoff from the new pervious pavement areas will flow vertically through the pervious pavement, not horizontally as is the case with normal impervious pavements. Once the runoff flows vertically through the porous asphalt wearing course, the runoff will then continue its vertical journey through a porous asphalt treated base and then through 12" of permeable aggregate base course that has a geogrid installed within it. The aggregate base course is installed on top of a structural geotextile fabric that is installed on top of the native soils subgrade that has some compost that is rototilled into it. The rototilled compost amended subgrade will perform the stormwater treatment functions prior to discharge. There is no underdrain and the runoff infiltrates the soils at this point. See the project plans in Appendix B for the visual description.

1.4 Perimeter Fencing

The project improvements provide a 4' tall chain link fence around the south, west and north sides of the new parking lot.

1.5 Landscaping

The project provides deciduous and coniferous plantings. The center island is surrounded with a Silva soil cell system. The Silva soil cell system essentially provides the island landscape plantings additional room for root establishment under the pavement.

1.6 Electric Vehicle (EV) Charging Station

The project proposes to provide one (1) electric vehicle charging station and 1(10 one EV ready station. An EV ready station is a location where the infrastructure is provided, but the charging station is required.

1.7 Irrigation

The project installed an automated irrigation system. The irrigation system is provided with a separate irrigation controller. Each zone may be controlled through the controller. See the project drawings.

2 Discussion of Maintenance

2.1 Pervious or Permeable Pavement

Any buildup of sediment, debris, vegetation, or trash that impedes the permeability or the vertical movement of drainage runoff may cause problems. As a result, care must be taken to keep pervious pavement surface clean. Vegetation, such as, deciduous leaves and conifer debris should be removed with portable backpack blowers. Stubborn areas may require pressure washing. Otherwise, the District may consider retaining a vactor truck or vacuum truck company to perform the maintenance. Sediment removed must be disposed of at an approved site.

2.2 Perimeter Fencing

Check the site perimeter fencing to verify its operational integrity. Repair fencing as needed.

2.3 Landscaping

Check the site landscaping to verify plant establishment. Replace dead plantings during the contract warranty period.

2.4 EV Charging Station

Verify that the charging stations remain in operational condition. Replace sparking or frayed electrical cords.

2.5 Irrigation

Verify that the installed irrigation system is performing as designed. Repair as required. The irrigation system is important to establish the Landscaping

3 Maintenance Frequency

3.1 Maintenance Checklists

Following construction of the project, all facilities shall be inspected and maintained according to their respective maintenance checklists included at the end of this manual. One form should be filled out for each facility on-site. It is recommended that the maintenance checklists be kept in a log book or binder on-site for documentation and review purposes.

3.2 Inspections

Facilities will be inspected monthly, annually, or after every significant storm event where the precipitation is greater than or equal to one inch in 24 hours or more frequently as identified by the Maintenance Tables in Appendix A.

3.3 Corrections

When deficiencies are noted, the problems are to be corrected as soon as possible.

3.4 Hazardous Material Spills

Any spill of hazardous material (e.g. fuel, lubricant, herbicide, etc.) will be cleaned up immediately and will be reported to the Division of Emergency Management (1-800-258-5990). Contaminated material will be disposed of properly.

3.5 Questions

Any questions about the existence of a problem should be directed to a Professional Engineer.

3.6 Record Keeping

The following documents included in Appendix A (the Inspection Sheet Form, Maintenance Log and Maintenance Tables) shall be a part of the site record keeping to be submitted annually to the City of Puyallup.

4 Annual Cost Estimate

4.1 Approximate annual costs:

Approximate annual costs are estimated for contracted work forces in the table below. All maintenance activities will be the responsibility of Puyallup School District upon occupation of the facility.

Facility	Quantity	Unit Cost	Total Cost
Pervious Pavement	1	\$2000	\$2000
Perimeter Fencing	1	\$100	\$100
Landscaping	1	\$500	\$500
EV Charging Stations	1	\$500	\$500
Irrigation	1	\$500	\$500
Total Cost		\$3600	\$3600

See Project Drawings in Appendix B for facilities to be maintained.

Appendix A Maintenance Checklists

Cover Sheet for Inspection Forms

Name of Inspector: _____
Date of Inspection: _____
Number of Sheets Attached: _____
Inspector's Signature: _____

Maintenance Log

Action Taken	Name	Date	How Procedure Was Performed	Problems Encountered	Additional Actions Recommended
Pervious Asphalt Pavement					
Perimeter fencing					
Landscaping					
EV charging stations					
Irrigation					

Appendix V-A: BMP Maintenance Tables

V-A.1 How To Use The BMP Maintenance Tables

The Best Management Practice (BMP) specific maintenance criteria contained in this appendix are intended to be conditions for determining if maintenance actions are required as identified through inspection. They are not intended to be measures of the required condition of the BMP at all times between inspections. In other words, exceeding these conditions at any time between inspections and/or maintenance does not automatically constitute a violation of these criteria. However, based on inspection observations, the inspection and maintenance schedules shall be adjusted to minimize the length of time that a BMP is in a condition that requires a maintenance action.

V-A.24 Maintenance Standards - Permeable Pavement

Table V-A.23: Maintenance Standards - Permeable Pavement

Component	Recommended Frequency ^a		Condition when Maintenance is Needed (Standards)	Action Needed (Procedures)
	Inspection	Routine Maintenance		
Surface/Wearing Course				
Permeable Pavements, all	A, S		Runoff from adjacent pervious areas deposits soil, mulch or sediment on paving	<ul style="list-style-type: none"> • Clean deposited soil or other materials from permeable pavement or other adjacent surfacing • Check if surface elevation of planted area is too high, or slopes towards pavement, and can be regraded (prior to regrading, protect permeable pavement by covering with temporary plastic and secure covering in place) • Mulch and/or plant all exposed soils that may erode to pavement surface
Porous asphalt or pervious concrete		A or B	None (routine maintenance)	Clean surface debris from pavement surface using one or a combination of the following methods: <ul style="list-style-type: none"> • Remove sediment, debris, trash, vegetation, and other debris deposited onto pavement (rakes and leaf blowers can be used for removing leaves)

Table V-A.23: Maintenance Standards - Permeable Pavement (continued)

Component	Recommended Frequency ^a		Condition when Maintenance is Needed (Standards)	Action Needed (Procedures)
	Inspection	Routine Maintenance		
				<ul style="list-style-type: none"> Vacuum/sweep permeable paving installation using: <ul style="list-style-type: none"> Walk-behind vacuum (sidewalks) High efficiency regenerative air or vacuum sweeper (roadways, parking lots) ShopVac or brush brooms (small areas) Hand held pressure washer or power washer with rotating brushes Follow equipment manufacturer guidelines for when equipment is most effective for cleaning permeable pavement. Dry weather is more effective for some equipment.
	A _b		Surface is clogged: Ponding on surface or water flows off the permeable pavement surface during a rain event (does not infiltrate)	<ul style="list-style-type: none"> Review the overall performance of the facility (note that small clogged areas may not reduce overall performance of facility) Test the surface infiltration rate using ASTM C1701 as a corrective maintenance indicator. Perform one test per installation, up to 2,500 square feet. Perform an additional test for each additional 2,500 square feet up to 15,000 square feet total. Above 15,000 square feet, add one test for every 10,000 square feet. If the results indicate an infiltration rate of 10 inches per hour or less, then perform corrective maintenance to restore permeability. To clean clogged pavement surfaces, use one or combination of the following methods: <ul style="list-style-type: none"> Combined pressure wash and vacuum system calibrated to not dislodge wearing course aggregate. Hand held pressure washer or power washer with rotating brushes Pure vacuum sweepers <p>Note: If the annual/biannual routine maintenance standard to clean the pavement surface is conducted using equipment from the list above, corrective maintenance may not be needed.</p>
	A		Sediment present at the surface of the pavement	<ul style="list-style-type: none"> Assess the overall performance of the pavement system during a rain event. If water runs off the pavement and/or there is ponding then see above. Determine source of sediment loading and evaluate whether or not the source can be reduced/eliminated. If the source cannot be addressed, consider increasing frequency of routine cleaning (e.g., twice per year instead of once per year).
	Summer		Moss growth inhibits infiltration or poses slip safety hazard	<ul style="list-style-type: none"> Sidewalks: Use a stiff broom to remove moss in the summer when it is dry Parking lots and roadways: Pressure wash, vacuum sweep, or use a combination of the two for cleaning moss from pavement surface. May require stiff broom or power brush in areas of heavy moss.
	A		Major cracks or trip hazards and concrete spalling and raveling	<ul style="list-style-type: none"> Fill potholes or small cracks with patching mixes Large cracks and settlement may require cutting and replacing the pavement section. Replace in-kind where feasible. Replacing porous asphalt with conventional asphalt is acceptable if it is a small percentage of the total facility area and does not impact the overall facility function. Take appropriate precautions during pavement repair and replacement efforts to prevent clogging of adjacent porous materials
N/A				

Table V-A.23: Maintenance Standards - Permeable Pavement (continued)

Component	Recommended Frequency ^a		Condition when Maintenance is Needed (Standards)	Action Needed (Procedures)
	Inspection	Routine Maintenance		
Ratio		Clean orifice at least bian-		
Over			N/A	
Overflow	B		Native soil is exposed or other signs of erosion damage are present at discharge point	Repair erosion and stabilize surface
Agg				
Obs			N/A	
Vegetation				
Adjacent large shrubs or trees		As needed	Vegetation related fallout clogs or will potentially clog voids	<ul style="list-style-type: none"> Sweep leaf litter and sediment to prevent surface clogging and ponding Prevent large root systems from damaging subsurface structural components
		Once in May and Once in September	Vegetation growing beyond facility edge onto sidewalks, paths, and street edge	Edging and trimming of planted areas to control groundcovers and shrubs from overreaching the sidewalks, paths and street edge improves appearance and reduces clogging of permeable pavements by leaf litter, mulch and soil.
Leaves, needles, and organic debris		In fall (October to December) after leaf drop (1-3 times, depending on canopy cover)	Accumulation of organic debris and leaf litter	Use leaf blower or vacuum to blow or remove leaves, evergreen needles, and debris (i.e., flowers, blossoms) off of and away from permeable pavement
<p>Note that the inspection and routine maintenance frequencies listed above are recommended by Ecology. They do not supersede or replace the municipal stormwater permit requirements for inspection frequency required of municipal stormwater permittees for "stormwater treatment and flow control BMPs/facilities".</p> <p>a Frequency: A= Annually; B= Biannually (twice per year); S = Perform inspections after major storm events (24-hour storm event with a 10-year or greater recurrence interval).</p> <p>b Inspection should occur during storm event.</p>				

Appendix B Project Drawings

SPARKS STADIUM EVENT PARKING LOT ADDITION

601 7TH AVE SW
 PUYALLUP, WA 98371

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.

DESIGNED: SAU SAU BOH
 DRAWN: SAU SAU BOH
 CHECKED: SAU SAU BOH
 DATE: 11/07/2021
 SCALE: AS NOTED

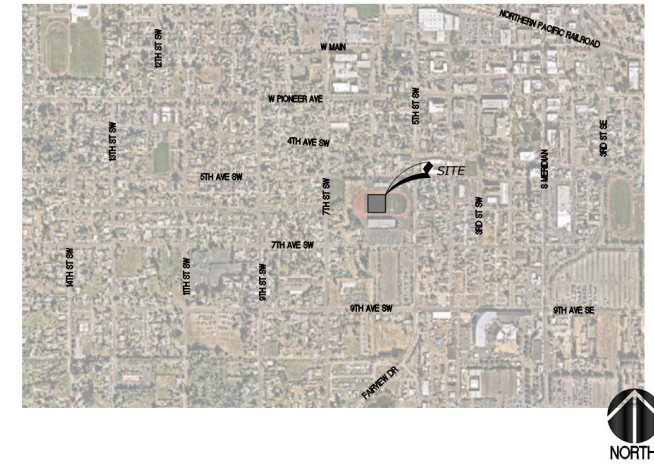


sh sits & hill
 CIVIL | STRUCTURAL | SURVEY
 4815 CENTER STREET | TACOMA, WA 98409
 PHONE: (253) 474-9449 | FAX: (253) 474-0153
 http://www.shsittshill.com

PREPARED FOR:
PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERSTMANN

PROJECT TITLE:
**SPARKS STADIUM
 EVENT PARKING LOT
 PUYALLUP, WASHINGTON 98371**
 SHEET NO:
COVER SHEET
 PROJECT NO:
**T1.0
 19474**

VICINITY MAP:
 SCALE: N.T.S.



PREPARED FOR:

PUYALLUP SCHOOL DISTRICT

323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: LES GERSTMANN (253) 435-6673
 EMAIL: GERSTLF@PUYALLUPSD.ORG

PREPARED BY:



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 4815 CENTER STREET | TACOMA, WA. 98409
 PHONE: (253) 474-9449 | FAX: (253) 474-0153
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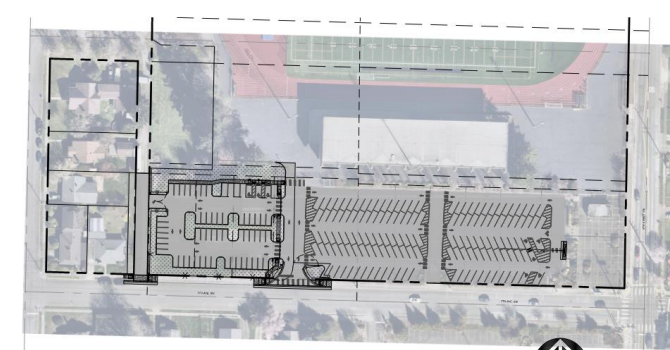
INDEX OF DRAWINGS:

DRAWING No.	TITLE-DESCRIPTION	
1 OF 34 T1.0	COVER SHEET	LANDSCAPE DRAWINGS
CIVIL DRAWINGS		27 OF 33 L1 LANDSCAPE PLAN
2 OF 34 C0.1	GENERAL CIVIL NOTES	28 OF 33 L2 LANDSCAPE NOTES AND DETAILS
3 OF 34 C0.2	CITY OF PUYALLUP GENERAL NOTES	29 OF 33 R1 IRRIGATION PLAN
4 OF 34 C0.3	LEGEND AND ABBREVIATIONS	30 OF 33 R2 IRRIGATION SCHEDULES, NOTES AND DETAILS
5 OF 34 1 OF 2	TOPOGRAPHIC SURVEY	31 OF 33 R3 IRRIGATION DETAILS
6 OF 34 2 OF 2	TOPOGRAPHIC SURVEY	
7 OF 34 C1.0	OVERALL DEMOLITION AND TESC PLAN	ELECTRICAL DRAWINGS
8 OF 34 C1.1	DEMOLITION AND TESC PLAN	32 OF 33 E-101 ELECTRICAL SITE PLAN
9 OF 34 C1.2	DEMOLITION AND TESC PLAN	33 OF 33 E-501 ELECTRICAL DETAILS
10 OF 34 C1.3	DEMOLITION AND TESC DETAILS	34 OF 33 E-601 ELECTRICAL ONE-LINE
11 OF 34 C2.0	OVERALL SURFACING AND LAYOUT PLAN	
12 OF 34 C2.1	ENLARGED SURFACING AND LAYOUT PLAN	
13 OF 34 C2.2	ENLARGED SURFACING AND LAYOUT PLAN	
14 OF 34 C2.3	SURFACING DETAILS	
15 OF 34 C2.4	SURFACING DETAILS	
16 OF 34 C2.5	SURFACING DETAILS	
17 OF 34 C2.6	SURFACING DETAILS	
18 OF 34 C2.7	SURFACING DETAILS	
19 OF 34 C2.8	SURFACING DETAILS	
20 OF 34 C2.9	SURFACING DETAILS	
21 OF 34 C3.0	OVERALL GRADING AND DRAINAGE PLAN	
22 OF 34 C3.1	ENLARGED GRADING AND DRAINAGE PLAN	
23 OF 34 C3.2	ENLARGED GRADING AND DRAINAGE PLAN	
24 OF 34 C3.3	GRADING AND DRAINAGE DETAILS	
25 OF 34 C3.4	GRADING AND DRAINAGE DETAILS	
26 OF 34 C3.5	GRADING AND DRAINAGE DETAILS	

VICINITY MAP:
 SCALE: 1"=150'



OVERALL SITE PLAN:
 SCALE: 1"=50'



HORIZONTAL SCALE: 1"=100'
 100 0 100 200

PROJECT INFORMATION:

OWNER CONTACT: PUYALLUP SCHOOL DISTRICT NO. 3
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: LES GERSTMANN (253) 435-6673

SITE ADDRESS: 601 7TH AVE SW PUYALLUP, WA 98371

PARCEL NO: 0420284126

ZONING: PF (PUBLIC FACILITIES)

LAND USE: ATHLETIC STADIUM

100 YEAR FLOODPLAIN: ZONE X AREA OF MINIMAL FLOOD HAZARD FEMA MAP NUMBER 530530333E

SCOPE OF WORK: PROVIDE PARKING LOT EXPANSION

IMPERVIOUS SURFACE: SEE PROJECT STORMWATER SITE PLAN REPORT



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CONSTRUCTION SEQUENCE

- OBTAIN SITE DEVELOPMENT PERMIT FROM CITY OF PUYALLUP. SCHEDULE PRE-CONSTRUCTION MEETINGS WITH THE CITY INSPECTOR, OWNER, CONTRACTOR AND DESIGN TEAM. SUBMIT ALL SUBMITTALS TO ARCHITECT.
- CONTRACTOR TO MAINTAIN EMERGENCY VEHICLE ACCESS TO THE SCHOOL SITE AND OFFSITE ALLEY AT ALL TIMES.
- PROVIDE TEST MEASURES (EROSION CONTROL PLANS AND DETAIL SHEETS). COORDINATE WITH PROJECT WORK TIME PERIODS & PROJECT MILESTONE COMPLETION DATES.
- PERFORM LIMITED SITE DEMOLITION AND CLEARING WORK.

THE LIMITATIONS ARE AS FOLLOWS:
SITE CLEARING AND DEMOLITION SHALL BE LIMITED IN THE PERVIOUS PAVEMENT AREAS. THE SITE CLEARING, DEMOLITION, EARTHWORK AND PERVIOUS PAVEMENT WORK LOCATED IN THE PERVIOUS PAVEMENT AREAS SHALL BE PERFORMED CONTINUOUSLY AND CONSECUTIVELY WITH THE MINIMAL SUBGRADE EXPOSURE AND EQUIPMENT OPERATION TIME OVER THE PERVIOUS PAVEMENT SUBGRADE.
- RELOCATE EXISTING POWER POLE.
- EXECUTE LIMITED ONSITE EARTHWORK FOR UTILITIES, LANDSCAPE AREAS, LANDSCAPE SOIL CELLS, AND CONCRETE CURBS AND WALKS.

DO NOT EXECUTE EARTHWORK LOCATED IN PERVIOUS PAVEMENT AREAS UNLESS IT IS RELATED TO UTILITY WORK.
- INSTALL REQUIRED IRRIGATION AND ELECTRICAL UTILITIES, AND LANDSCAPE SOIL CELLS LOCATED WITHIN THE PERVIOUS PAVEMENT AREAS, AND CONCRETE CURBS LOCATED AT THE PERIMETER EDGES OF THE PERVIOUS PAVEMENT.
- INSTALL LANDSCAPE PLANTINGS AND CONCRETE WALKS AND RAMPS.
- COMPLETE ONSITE EARTHWORK LOCATED IN IMPERVIOUS PAVEMENT AREAS.

LIMIT THE AMOUNT OF CONSTRUCTION EQUIPMENT TRAFFIC OVER THE NATIVE SUBBASE SUBGRADE WITHIN THE PERVIOUS PAVEMENT AREAS.
- PROVIDE COMPOST AND ROTOTILL INTO PERVIOUS PAVEMENT SUBBASE SUBGRADE.

COMPACT THE SUBBASE SUBGRADE TO 90%. DO NOT USE VIBRATION OR OVER COMPACT.
- INSTALL GEOTEXTILE FABRIC. PROVIDE PERVIOUS PAVEMENT BASE COURSE AGGREGATE AND GEOROD. INSTALL GEOROD IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND SUPERVISION.
- COMPLETE THE AGGREGATE BASE COURSE WORK, AND INSTALL PERVIOUS PAVEMENT.
- INSTALL LIGHT POLES.
- INSTALL PAVEMENT STRIPING, AND MARKINGS AND SIGNAGE.
- COMPLETE PROJECT TESTING AND PUNCHLIST REQUIREMENTS.
- ACHIEVE FINAL COMPLETION.

MAY 1ST TO SEPTEMBER 30TH (DRY SEASON)

THE CLEARING OF LAND, INCLUDING THE REMOVAL OF EXISTING VEGETATION OR OTHER GROUND COVER, MUST BE LIMITED TO ONLY AS MUCH LAND AREA AS CAN RECEIVE APPROPRIATE PROTECTIVE COVER OR BE OTHERWISE STABILIZED AFTER HAVING BEEN CLEARED OR OTHERWISE DISTURBED BY NO LATER THAN SEPTEMBER 30TH OF A GIVEN YEAR. UNLESS IMMEDIATE STABILIZATION IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, ALL AREAS CLEARED OR OTHERWISE DISTURBED MUST BE APPROPRIATELY STABILIZED THROUGH THE USE OF MULCHING, NETTING, PLASTIC SHEETING, EROSION BLANKETS, FREE DRAINING MATERIALS, ETC., BY SEPTEMBER 30TH.

UNLESS OTHERWISE APPROVED BY THE COUNTY, SEEDING, FERTILIZING AND MULCHING OR CLEARED OR OTHERWISE DISTURBED AREAS SHALL BE PERFORMED DURING THE FOLLOWING PERIODS: MARCH 1ST THROUGH MAY 15TH AND AUGUST 15TH THROUGH OCTOBER 1ST. SEEDING AFTER OCTOBER 1ST WILL BE DONE WHEN PHYSICAL COMPLETION OF THE PROJECT IS IMMINENT AND THE ENVIRONMENTAL CONDITIONS ARE CONDUCTIVE TO SATISFACTORY GROWTH. IN THE EVENT THAT PROJECT STABILIZATION IS NOT POSSIBLE, AN ALTERNATIVE METHOD OF GROUND COVER (SUCH AS MULCHING, NETTING, PLASTIC SHEETING, EROSION BLANKETS, ETC.) MUST BE INSTALLED BY NO LATER THAN SEPTEMBER 30TH.

IN THE EVENT THAT CONSTRUCTION ACTIVITIES OR OTHER SITE DEVELOPMENT ACTIVITIES ARE DISCONTINUED FOR FOUR CONSECUTIVE DAYS OR MORE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION OF ALL EROSION AND SEDIMENTATION CONTROL FACILITIES IMMEDIATELY AFTER STORM EVENTS AND AT LEAST ONCE EVERY WEEK. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE MAINTENANCE AND REPAIR OF ALL EROSION AND SEDIMENTATION CONTROL FACILITIES.

THE CONTRACTOR SHALL PROVIDE MATERIALS ONSITE READILY AVAILABLE TO IMMEDIATELY STABILIZE DENuded AREAS DURING PERIODS OF INCLEMENT WEATHER WHICH RESULT IN EROSION AND SEDIMENT TRANSPORT OFFSITE.

THE CONTRACTOR SHALL ENSURE THE PROPER CONTINUED FUNCTIONING OF THE ESC FACILITIES BY PROMPT CLEANING AND MAINTENANCE AFTER EACH EROSION AND SEDIMENT PRODUCING RAINFALL EVENT.

OCTOBER 1ST TO APRIL 30TH (WET SEASON)

ON SITES WHERE UNINTERRUPTED CONSTRUCTION ACTIVITY IS IN PROGRESS, THE CLEARING OF LAND, INCLUDING THE REMOVAL OF EXISTING VEGETATION OR OTHER GROUND COVER, SHALL BE LIMITED TO ONLY AS MUCH LAND AREA AS CAN BE COVERED OR STABILIZED WITHIN 24 HOURS IN THE EVENT A MAJOR STORM IS PREDICTED AND/OR EROSION/SEDIMENT TRANSPORT OFFSITE IS OBSERVED.

ADDITIONALLY, ALL CLEARED OR DISTURBED AREAS WILL RECEIVE APPROPRIATE PROTECTIVE COVER OR BE OTHERWISE STABILIZED (SUCH AS MULCHING, NETTING, PLASTIC SHEETING, EROSION BLANKETS, FREE DRAINING MATERIAL, ETC.) WITHIN FIVE DAYS AFTER HAVING BEEN CLEARED OR OTHERWISE DISTURBED IF NOT BEING ACTIVELY WORKED. FILTER FABRIC FENCING, SEDIMENT TRAPS, SEDIMENT PONDS, ETC., WILL NOT BE VIEWED AS ADEQUATE COVER IN AND OF THEMSELVES. IN THE EVENT THAT ANY LAND AREA NOT BEING ACTIVELY WORKED REMAINS UNPROTECTED OR HAS NOT BEEN APPROPRIATELY STABILIZED FIVE DAYS AFTER HAVING BEEN CLEARED, ALL CONSTRUCTION ACTIVITY ON THE SITE, EXCEPT FOR APPROVED EROSION AND SEDIMENTATION CONTROL ACTIVITY, SHALL IMMEDIATELY CEASE UNTIL SUCH A TIME AS SAID LAND HAS BEEN APPROPRIATELY PROTECTED OR STABILIZED.

THE CONTRACTOR SHALL AT ALL TIMES HAVE AVAILABLE FOR THE PROJECT SUFFICIENT QUANTITIES OF PROTECTIVE COVERING MATERIALS TO IMMEDIATELY STABILIZE ALL DISTURBED AREAS IN CASE THE PROJECT ENGINEER OR COUNTY DIRECTS THEM TO COVER DUE TO OBSERVED MIGRATION OF SOILS OR INCLEMENT WEATHER.

**SOIL PRESERVATION AND AMENDMENT NOTES
(DEPARTMENT OF ECOLOGY BMP T5.13)**

DISTURBED SOILS TO BE AMENDED AS SPECIFIED BY "OPTION 3 - STOCKPILE SITE TOPSOILS PRIOR TO GRADING FOR REAPPLICATION" FROM SECTION 3.1.4 VOLUME III OF THE 2015 CITY OF PUYALLUP STORMWATER MANAGEMENT MANUAL:

IN ANY AREAS REQUIRING GRADING, REMOVE AND STOCKPILE THE DUFF LAYER AND TOPSOIL ON SITE IN A DESIGNATED, CONTROLLED AREA WHICH IS NOT ADJACENT TO PUBLIC RESOURCES AND CRITICAL AREAS. REAPPLY TO OTHER PORTIONS OF THE SITE WHERE FEASIBLE.

- IN BUILDABLE AREAS OF THE SITE, WHERE CONVENTIONAL GRADING IS REQUIRED, THE AREAS REQUIRING CUTS SHALL HAVE THE UPPER NATIVE TOPSOIL REMOVED AND STOCKPILED FOR REPLACEMENT TO AREAS OF THE DEVELOPMENT UTILIZED FOR STORMWATER AND/OR VEGETATION MANAGEMENT (YARDS, BIORETENTION AREAS, INTERFLOW PATHWAYS, VEGETATED CHANNELS, OR DESIGNATED NATURAL RESOURCE PROTECTION AREAS).
- THE DEPTH OF UPPER NATIVE TOPSOIL REQUIRED TO BE STOCKPILED AND REPLACED SHALL BE THE ENTIRE DEPTH OF THE NATIVE TOPSOIL HORIZON UP TO A MAXIMUM OF 3 FEET.
- OTHER EXCAVATION OF CUT SECTIONS MAY BE NECESSARY IF THE CUT IS IN A LOCATION THAT WILL BE UTILIZED FOR STORMWATER MANAGEMENT. CUT TO A DEPTH THAT WILL ALLOW REPLACEMENT OF STOCKPILED NATIVE TOPSOIL TO THE ENTIRE DEPTH THAT WAS ON THE SITE POST-DEVELOPMENT UP TO A MAXIMUM OF 3 FEET.
- CUT SECTIONS WHERE NATIVE TOPSOIL REPLACEMENT IS REQUIRED SHALL REQUIRE RIPPING OF ANY CEMENTED TILL LAYERS TO A DEPTH OF 6 INCHES. SUBSEQUENTLY THE REPLACEMENT OF STOCKPILED TOPSOIL SHALL BE THOROUGHLY MIXED INTO THE RIPPED TILL TO PROVIDE A GRADUAL TRANSITION BETWEEN THE CEMENTED TILL LAYER AND THE TOPSOIL.
- STOCKPILED TOPSOIL SHALL BE REPLACED IN LIFTS NO GREATER THAN 1 FOOT DEEP AND COMPACTED BY ROLLING TO A DENSITY THAT MATCHES EXISTING CONDITIONS.
- USE COMPOST AND OTHER MATERIALS THAT MEET THE FOLLOWING ORGANIC CONTENT REQUIREMENTS:
 - ** THE ORGANIC CONTENT FOR "TYPE-APPROVED" AMENDMENT RATES CAN ONLY BE MET USING COMPOST MEETING THE COMPOST SPECIFICATION FOR BIODEGRADATION (SEE 2017 CITY OF PUYALLUP STORMWATER AND SITE DEVELOPMENT MANUAL VOLUME III, SECTION 3.4), WITH THE EXCEPTION THAT THE COMPOST MAY HAVE UP TO 35 PERCENT BROODLUG OR MANURE. THE COMPOST MUST HAVE AN ORGANIC MATTER CONTENT OF 40 PERCENT TO 65 PERCENT, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTINGS COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND LOWLANDS REGION.
 - ** CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIALS AS DEFINED ABOVE, OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND NOT EXCEEDING THE CONTAMINANT LIMITS IDENTIFIED IN TABLE 220-B, TESTING PARAMETERS, IN WAC 173-350-220.

POLLUTION PREVENTION NOTES

- EQUIPMENT LUBRICATION AND FUELING OPERATIONS SHALL OCCUR AT THE DESIGNATED FUELING AREA OR AN APPROVED OFF-SITE LOCATION.
- PREVENT OILS AND FUELS FROM ENTERING THE STORM DRAINAGE SYSTEM WITH PROPER CONTAINMENT DEVICES.
- ACCESS TO CONSTRUCTION IS VIA ADJACENT EXISTING PAVED STREETS. SWEEP DIRT FROM PAVING DAILY OR AS NEEDED. THE INTENT IS TO PREVENT DIRT AND DEBRIS FROM VEHICLES AND EQUIPMENT FROM BEING DEPOSITED ON CITY STREET PAVEMENT.

PLASTIC COVERING NOTES

- PLASTIC SHEETING SHALL HAVE A MINIMUM THICKNESS OF 6 MILS AND SHALL MEET THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS SECTION 9-14.5(3).
- PLASTIC COVERING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPS WITH A MAXIMUM TO-FOOT GRID SPACING IN ALL DIRECTIONS. ALL SEAMS SHALL BE TARED OR WEGHTED DOWN FULL LENGTH AND THERE SHALL BE AT LEAST A 12-INCH OVERLAP OF ALL SEAMS.
- CLEAR PLASTIC COVERING SHALL BE INSTALLED IMMEDIATELY ON AREAS SEEDD BETWEEN NOVEMBER 1 AND MARCH 31 AND REMAIN UNTIL VEGETATION IS FIRMLY ESTABLISHED.
- WHEN THE COVERING IS USED ON UN-SEEDD SLOPES, IT SHALL BE KEPT IN PLACE UNTIL THE NEXT SEEDING PERIOD.
- PLASTIC COVERING SHEETS SHALL BE BURIED TWO FEET AT THE TOP OF SLOPES IN ORDER TO PREVENT SURFACE WATER FLOW BENEATH SHEETS.
- PROPER MAINTENANCE INCLUDES REGULAR CHECKS FOR RIPS AND DISLODGED ENDS.

STOCKPILE NOTES

- STOCKPILES SHALL BE STABILIZED (WITH PLASTIC COVERING OR OTHER APPROVED DEVICE) DAILY BETWEEN NOVEMBER 1 AND MARCH 31.
- IN ANY SEASON, SEDIMENT LEACHING FROM STOCK PILES MUST BE PREVENTED.
- TOPSOILS SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET OR WHEN CONDITIONS EXIST THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SEEDING OR SEEDING.
- PREVIOUSLY ESTABLISHED GRADES ON THE AREAS TO BE TOPSOILED SHALL BE MAINTAINED ACCORDING TO THE APPROVED PLAN.

SUBGRADE PREPARATION NOTES

- SUBGRADE BELOW STRUCTURAL FILL SHALL CONSIST OF FIRM, UNYIELDING NATIVE SOILS OR STRUCTURAL FILL MATERIALS. UNDER NO CIRCUMSTANCES SHALL FOUNDATIONS BE INSTALLED ATOP LOOSE, SOFT, OR FROZEN SOIL, SLOUGH DEBRIS, EXISTING UNCONTROLLED FILL, OR SURFACES COVERED BY STANDING WATER. ANY LOCALIZED ZONES OF LOOSER GRANULAR SOILS OBSERVED WITHIN A SUBGRADE SHALL BE COMPACTED TO A DENSITY EQUAL TO THE SURROUNDING SOILS. ANY ORGANIC, SOFT, OR PUMPKING SOILS OBSERVED WITHIN A SUBGRADE SHALL BE OVEREXCAVATED AND REPLACED WITH STRUCTURAL FILL MATERIAL PER THE SUBSEQUENT PARAGRAPHS. SUBGRADE CONDITION SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER OR SPECIAL INSPECTOR PRIOR TO PLACING STRUCTURAL FILL.

COMPACTION NOTES

- CONTROL SOIL COMPACTION DURING CONSTRUCTION PROVIDING MINIMUM PERCENTAGE OF DENSITY SPECIFIED FOR EACH AREA CLASSIFICATION. PERCENTAGES ARE RELATED TO MAXIMUM DRY DENSITY AS MEASURED BY CONFORMANCE WITH ASTM D 1557.
- COMPACT TOP 12-INCHES OF SUBGRADE (24-INCHES UNDER PROPOSED DRIVING SURFACES) TO 95-PERCENT OF MAXIMUM DRY DENSITY UNDER PAVEMENTS AND GRAVEL SURFACES.
- WHERE SUBGRADE OR LAYER OF SOIL MATERIAL MUST BE MOISTURE CONDITIONED BEFORE COMPACTION, UNIFORMLY APPLY WATER TO SURFACE OF SUBGRADE OR LAYER OF SOIL MATERIAL TO PREVENT FREE WATER APPEARING ON SURFACE DURING OR SUBSEQUENT TO COMPACTION OPERATIONS REMOVE AND REPLACE, OR SCARIFY AND AIR DRY, SOIL MATERIAL THAT IS TOO WET TO PERMIT COMPACTION TO SPECIFIED DENSITY. SOIL MATERIAL THAT HAS BEEN REMOVED BECAUSE IT IS TOO WET TO PERMIT COMPACTION MAY BE STOCKPILED OR SPREAD AND ALLOWED TO DRY. ASSIST DRYING BY DESIGN, HARROWING OR PULVERIZING UNTIL MOISTURE CONTENT IS REDUCED TO SATISFACTORY VALUE.

DEMOLITION NOTES

- REMOVE ALL DELETERIOUS MATERIAL FOUND ON-SITE INCLUDING VEGETATION, SCRAP WOOD, TRASH, ETC. AND DISPOSE OF AT AN APPROVED OFF-SITE LOCATION.
- AT ALL TIMES THE CONTRACTOR SHALL MAINTAIN SIGNS, BARRICADES, FENCING, OR OTHER MEASURES TO ENSURE CONTINUOUS PROTECTION OF THE PUBLIC AND TO PREVENT UNAUTHORIZED ENTRY TO THE CONSTRUCTION AREA. AT A MINIMUM FENCING SHALL BE 6.0 FEET HIGH, COORDINATE SAFETY AND SECURITY MEASURES WITH THE OWNER.
- DAMAGE TO ANY PROPERTY, INCLUDING BUT NOT LIMITED TO, BUILDINGS, UTILITIES, VEHICLES, FENCING, OR LANDSCAPING AS A RESULT OF CONTRACTORS ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE TO ORIGINAL LOCATION AND ELEVATION.
- THE CONTRACTOR IS FINANCIALLY RESPONSIBLE FOR THE MAINTENANCE OR REPAIR OF OFF-SITE PAVED SURFACES WHERE DAMAGE HAS BEEN SUSTAINED BECAUSE OF CONSTRUCTION TRAFFIC.

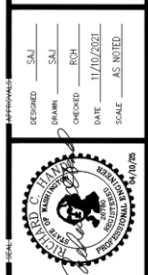
EXCAVATION NOTES

- EXCAVATE TO ELEVATIONS, LINES AND GRADES INDICATED TO NOT MORE THAN 1/2-INCH ABOVE OR BELOW THAT REQUIRED.
- SLOPE SIDES OF EXCAVATION AS INDICATED OR COMPLY WITH LOCAL CODES AND ORDINANCES HAVING JURISDICTION, WHOEVER IS MORE STRINGENT. SHORE AND BRACE WHERE SLOPING IS NOT POSSIBLE BECAUSE OF SPACE RESTRICTIONS OR STABILITY OF MATERIAL EXCAVATED.
- STOCKPILE SATISFACTORY EXCAVATED MATERIALS UNTIL REQUIRED FOR BACKFILL OR FILL PLACE, GRADE AND SHAPE. STOCKPILES FOR PROPER DRAINAGE. LOCATE AND RETAIN SOIL MATERIALS AWAY FROM EDGE OF EXCAVATIONS.
- DISPOSE OF EXCESS SOIL AND UNSUITABLE SOIL MATERIAL OFF-SITE.

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE _____
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THIS 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.

DESIGNED	SAJ	DATE	11/07/2024
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DRAWN	SAJ		
	SAJ		
	SAJ		



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http://www.sitts-hill.com

PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

SPARKS STADIUM
EVENT PARKING LOT
PUYALLUP, WASHINGTON 98371
SHEET TITLE
GENERAL PROJECT CIVIL NOTES

C.01
PROJECT NO.
19474



**Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual**

CITY OF PUYALLUP GENERAL NOTES

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY.
9. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
10. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC 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.

CITY OF PUYALLUP ROADWAY 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.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. MONUMENTS SHALL BE INSTALLED AT ALL STREET INTERSECTIONS, AT ANGLE POINTS, AND POINTS OF CURVATURE IN EACH STREET. ALL BOUNDARY MONUMENTS MUST BE INSTALLED ACCORDING TO THE WASHINGTON STATE SUBDIVISION LAWS.
9. CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 01.02.09.
10. SIDEWALKS AND DRIVEWAYS SHALL BE INSTALLED AS LOTS ARE BUILT ON. SIDEWALKS AND DRIVEWAYS SHALL CONFORM TO CITY STANDARD DETAIL 01.02.01, 01.02.02, AND 01.02.12. IF ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 01.02.10.
11. THE SURROUNDING GROUND (5 FEET BEYOND THE BASE) FOR ALL POWER TRANSFORMERS, TELEPHONE/TV PEDESTALS, AND STREET LIGHT MAIN DISCONNECTS SHALL BE GRADED TO A POSITIVE 2 PERCENT SLOPE FROM TOP OF CURB.
12. SIGNAGE AND TRAFFIC CONTROL DEVICES ARE SAFETY ITEMS AND SHALL BE INSTALLED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY OR PLAT APPROVAL. HOWEVER, IN LARGER DEVELOPMENTS, EXACT LOCATIONS OF STOP AND YIELD SIGNS MAY NEED TO BE DETERMINED AFTER FULL BUILDOUT WHEN TRAFFIC PATTERNS HAVE BEEN ESTABLISHED. IN THIS CASE, CONTRACTOR SHALL PROVIDE INDICATED CITY-PLACED SIGNS, SIGNPOSTS, AND BRACKETS TO THE CITY SIGN SPECIALIST (253) 841-5471 FOR LATER INSTALLATION BY THE CITY. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
13. PRIOR TO ANY SIGN OR STRIPING INSTALLATION OR REMOVAL, THE CONTRACTOR SHALL CONTACT THE CITY SIGN SPECIALIST (253) 841-5471 TO ARRANGE FOR AN ON-SITE MEETING TO DISCUSS PLACEMENT AND UNIFORMITY.
14. NEW OR REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURE OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.

CITY OF PUYALLUP 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.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES 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 SHALL CONFORM TO WSDOT STANDARD PLAN 8-30.20-04 (OLYMPIC FOUNTAINRY NO. 5M60 OR EQUAL). SLOTTED GRATES SHALL CONFORM TO WSDOT STANDARD PLAN 8-30.30-03 (OLYMPIC FOUNTAINRY NO. 5M60 OR EQUAL).
14. STORMWATER PIPE SHALL BE ONLY PVC, CONCRETE, DUCTILE IRON, OR DUAL WALLED POLYPROPYLENE PIPE.
- 14.1. THE USE OF ANY OTHER TYPE SHALL BE REVIEWED AND APPROVED BY THE ENGINEERING SERVICES STAFF PRIOR TO INSTALLATION.
- 14.2. 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.
- 14.3. CONCRETE PIPE SHALL CONFORM TO THE WSDOT STANDARD SPECIFICATIONS FOR CONCRETE UNDERGROUND PIPE. MINIMUM COVER ON CONCRETE PIPE SHALL NOT BE LESS THAN 3.0 FEET.
- 14.4. DUCTILE IRON PIPE SHALL BE CLASS 50, CONFORMING TO AWWA C151. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
- 14.5. 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 F2726 AND AASHTO M330, TYPE 5, OR TYPE D. 36-INCH THROUGH 60-INCH PIPE SHALL MEET OR EXCEED ASTM F2951 AND AASHTO M330, TYPE 5, 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 MANS 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.
19. REGISTRATION IS REQUIRED FOR ALL CLASS V UIC WELLS WITHIN PUBLIC DRAINAGE TRACTS OR PUBLIC RIGHT-OF-WAY AND MUST BE SUBMITTED SIXTY (60) DAYS PRIOR TO WELL CONSTRUCTION. A COPY OF THE ONLINE REGISTRATION SHALL BE SUBMITTED TO THE CITY PRIOR TO CONSTRUCTION.

CITY OF PUYALLUP GRADING, EROSION AND SEDIMENTATION CONTROL 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.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. 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 LOADED 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 PERMITEE.
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 SILTATION CONTROL ON THE SITE DURING THE COURSE OF CONSTRUCTION. IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITEE 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 INCLUDING SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITEE 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.

APPROVED
BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE _____
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE: _____
THIS 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.

DESIGNED: SAJ SAJ
DRAWN: SAJ
CHECKED: RCH
DATE: 11/10/2021
SCALE: AS NOTED
04-08-2025 CITY PERMIT SET SUBMITTAL



sh sittings & hill
CIVIL | STRUCTURAL | SURVEY
4115 CENTER STREET | TACOMA, WA 98409
PHONE (253) 874-8488 | FAX (253) 874-8155
http://www.shsittings.com

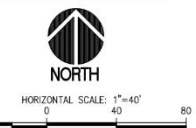
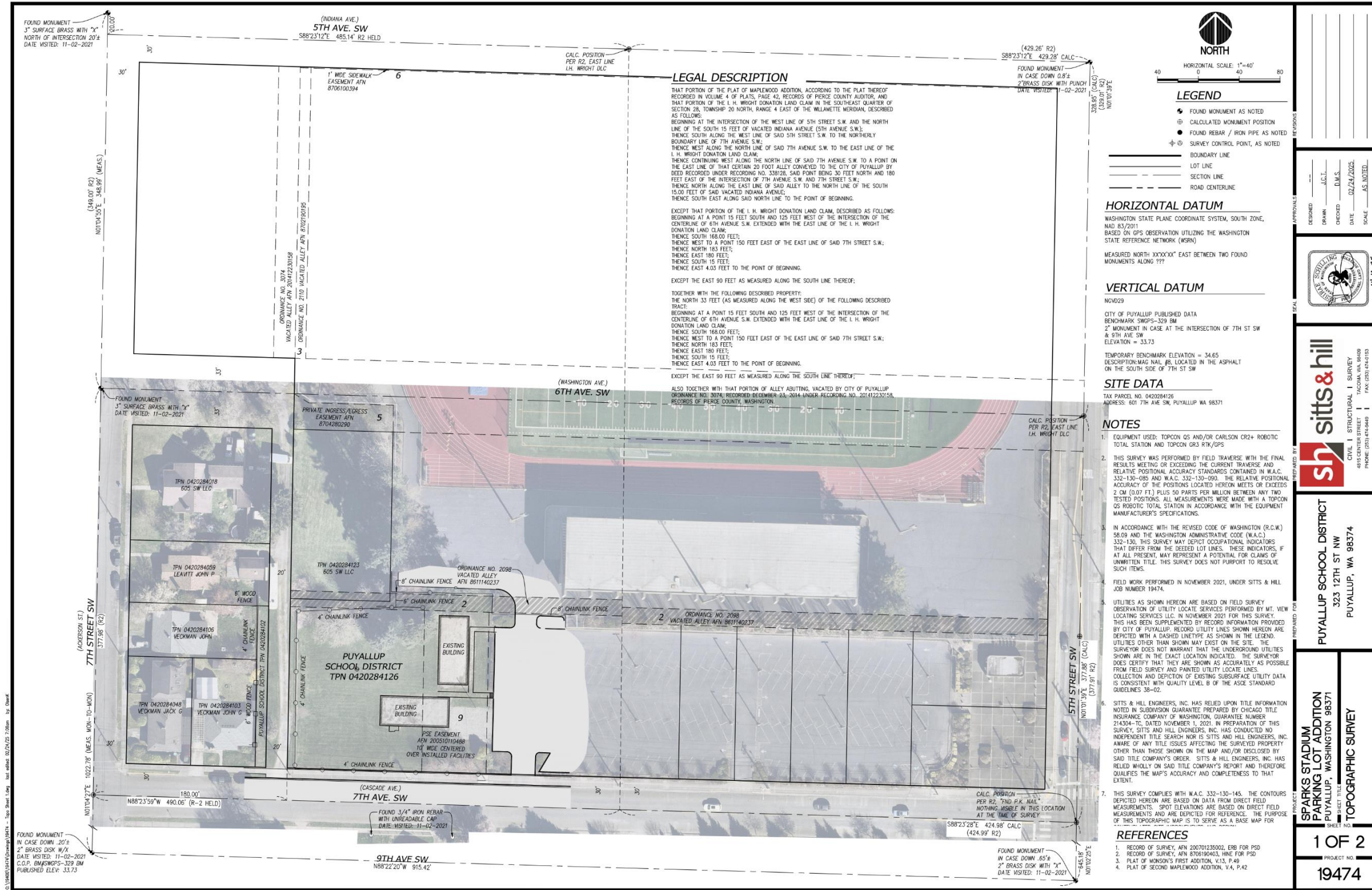
PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

**SPARKS STADIUM
EVENT PARKING LOT
PUYALLUP, WASHINGTON 98371**

SHEET NO. _____
PROJECT NO. **C0.2**
19474



Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊕ CALCULATED MONUMENT POSITION
 - FOUND REBAR / IRON PIPE AS NOTED
 - ⊕ SURVEY CONTROL POINT, AS NOTED
 - BOUNDARY LINE
 - LOT LINE
 - SECTION LINE
 - ROAD CENTERLINE

HORIZONTAL DATUM
WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83/2011
BASED ON GPS OBSERVATION UTILIZING THE WASHINGTON STATE REFERENCE NETWORK (WSRN)
MEASURED NORTH 33°00'00" EAST BETWEEN TWO FOUND MONUMENTS ALONG 7TH

VERTICAL DATUM
NVD029
CITY OF PUYALLUP PUBLISHED DATA
BENCHMARK SMP05-329 BM
2" MONUMENT IN CASE AT THE INTERSECTION OF 7TH ST SW & 9TH AVE SW
ELEVATION = 33.73
TEMPORARY BENCHMARK ELEVATION = 34.65
DESCRIPTION: MAG. NAIL, #8, LOCATED IN THE ASPHALT ON THE SOUTH SIDE OF 7TH ST SW

SITE DATA
TAX PARCEL NO. 0420284126
ADDRESS: 601 7TH AVE SW, PUYALLUP WA 98371

- NOTES**
1. EQUIPMENT USED: TOPCON GS AND/OR CARLSON CR2+ ROBOTIC TOTAL STATION AND TOPCON GR3 RTK/GPS
 2. THIS SURVEY WAS PERFORMED BY FIELD TRAVERSE WITH THE FINAL RESULTS MEETING OR EXCEEDING THE CURRENT TRAVERSE AND RELATIVE POSITIONAL ACCURACY STANDARDS CONTAINED IN W.A.C. 332-130-095 AND W.A.C. 332-130-099. THE RELATIVE POSITIONAL ACCURACY OF THE POSITIONS LOCATED HEREON MEETS OR EXCEEDS 2 CM (0.07 FT.) PLUS 50 PARTS PER MILLION BETWEEN ANY TWO TESTED POSITIONS. ALL MEASUREMENTS WERE MADE WITH A TOPCON GS ROBOTIC TOTAL STATION IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
 3. IN ACCORDANCE WITH THE REVISED CODE OF WASHINGTON (R.C.W.) 58.09 AND THE WASHINGTON ADMINISTRATIVE CODE (W.A.C.) 332-130, THIS SURVEY MAY DEPICT OCCUPATIONAL INDICATORS THAT DIFFER FROM THE DEEDED LOT LINES. THESE INDICATORS, IF AT ALL PRESENT, MAY REPRESENT A POTENTIAL FOR CLAIMS OF UNWRITTEN TITLE. THIS SURVEY DOES NOT PURPORT TO RESOLVE SUCH ITEMS.
 4. FIELD WORK PERFORMED IN NOVEMBER 2021, UNDER SITTS & HILL JOB NUMBER 19474.
 5. UTILITIES AS SHOWN HEREON ARE BASED ON FIELD SURVEY OBSERVATION OF UTILITY LOCATE SERVICES PERFORMED BY MT. VIEW LOCATING SERVICES, LLC, IN NOVEMBER 2021 FOR THIS SURVEY. THIS HAS BEEN SUPPLEMENTED BY RECORD INFORMATION PROVIDED BY CITY OF PUYALLUP. RECORD UTILITY LINES SHOWN HEREON ARE DEPICTED WITH A DASHED LINE TYPE AS SHOWN IN THE LEGEND. UTILITIES OTHER THAN SHOWN MAY EXIST ON THE SITE. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR DOES CERTIFY THAT THEY ARE SHOWN AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY AND PAINTED UTILITY LOCATE LINES. COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA IS CONSISTENT WITH QUALITY LEVEL B OF THE ASCE STANDARD GUIDELINES 38-02.
 6. SITTS & HILL ENGINEERS, INC. HAS RELIED UPON TITLE INFORMATION NOTED IN SUBDIVISION GUARANTEE PREPARED BY CHICAGO TITLE INSURANCE COMPANY OF WASHINGTON, GUARANTEE NUMBER 214304-70, DATED NOVEMBER 1, 2021. IN PREPARATION OF THIS SURVEY, SITTS & HILL ENGINEERS, INC. HAS CONDUCTED NO INDEPENDENT TITLE SEARCH NOR IS SITTS & HILL ENGINEERS, INC. AWARE OF ANY TITLE ISSUES AFFECTING THE SURVEYED PROPERTY OTHER THAN THOSE SHOWN ON THE MAP AND/OR DISCLOSED BY SAID TITLE COMPANY'S ORDER. SITTS & HILL ENGINEERS, INC. HAS RELIED WHOLLY ON SAID TITLE COMPANY'S REPORT AND THEREFORE QUALIFIES THE MAP'S ACCURACY AND COMPLETENESS TO THAT EXTENT.
 7. THIS SURVEY COMPLIES WITH W.A.C. 332-130-145. THE CONTOURS DEPICTED HEREON ARE BASED ON DATA FROM DIRECT FIELD MEASUREMENTS. SPOT ELEVATIONS ARE BASED ON DIRECT FIELD MEASUREMENTS AND ARE DEPICTED FOR REFERENCE. THE PURPOSE OF THIS TOPOGRAPHIC MAP IS TO SERVE AS A BASE MAP FOR

- REFERENCES**
1. RECORD OF SURVEY, AFN 200701235002, ERB FOR PSD
 2. RECORD OF SURVEY, AFN 8700190403, HINE FOR PSD
 3. PLAT OF WINDSOR'S FIRST ADDITION, V.1, P.48
 4. PLAT OF SECOND MAPLEWOOD ADDITION, V.4, P.42

APPROVALS

RESIGNED: _____
DRAWN: _____
CHECKED: _____
DATE: 02/24/2022
SCALE: AS NOTED

sitts & hill
CIVIL & STRUCTURAL | SURVEY
485 CENTRAL STREET SE
TACOMA, WA 98409
PHONE: (253) 474-9449 | FAX: (253) 474-0123
http://www.sitts-hill.com

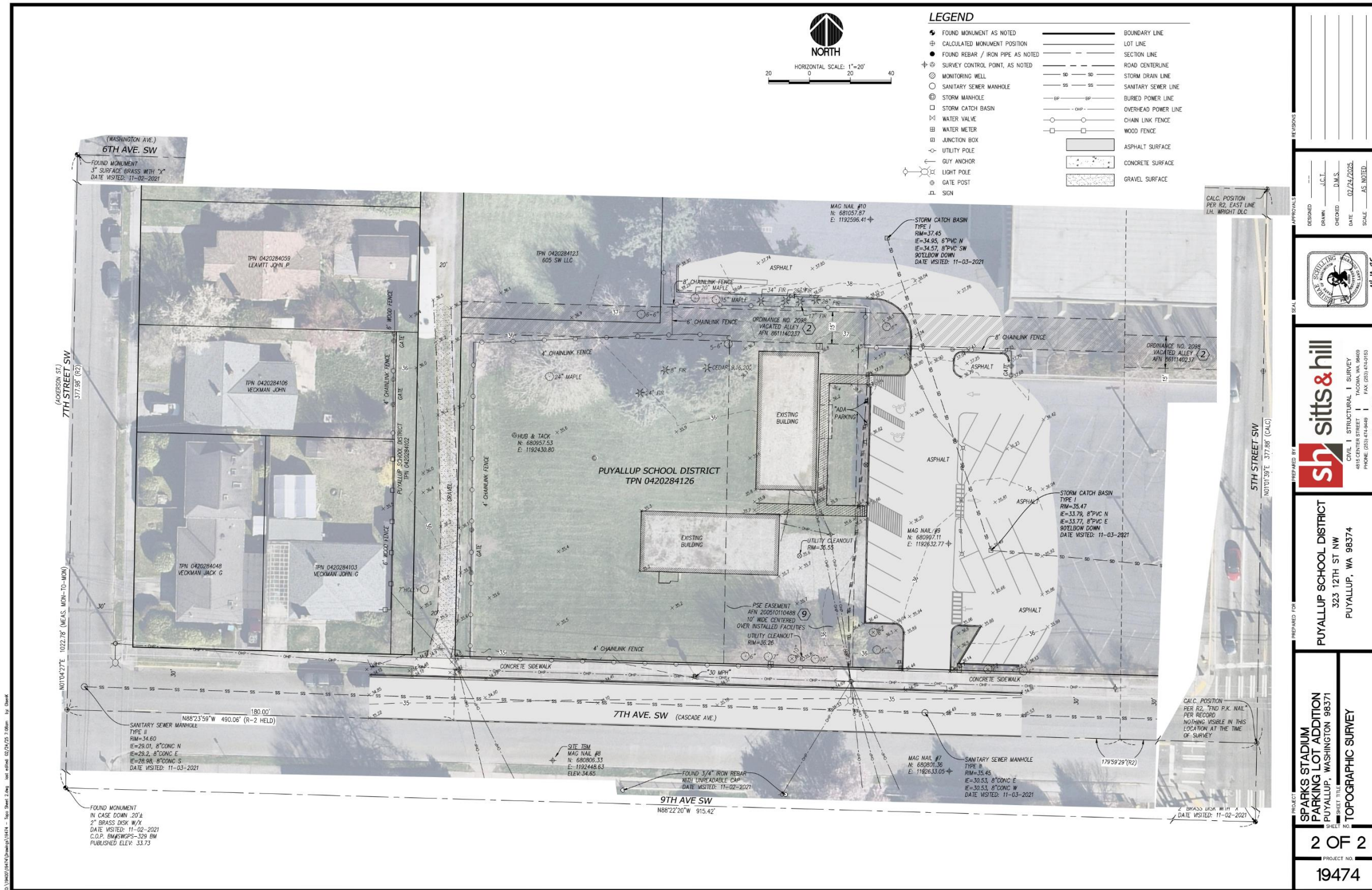
PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374

**SPARKS STADIUM
PARKING LOT ADDITION
PUYALLUP, WASHINGTON 98371**

TOPOGRAPHIC SURVEY

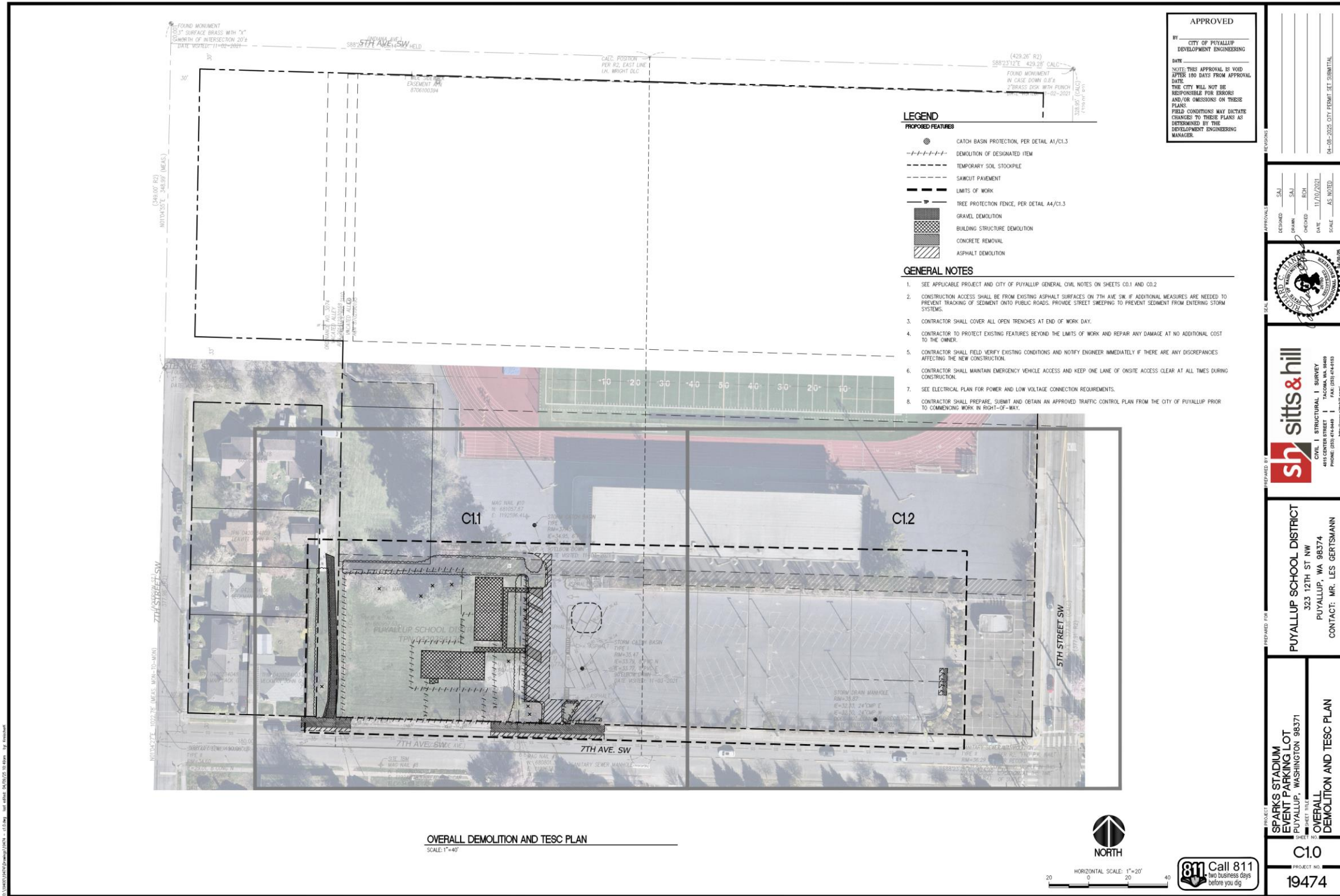
SHEET NO. **1 OF 2**
PROJECT NO. **19474**

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual

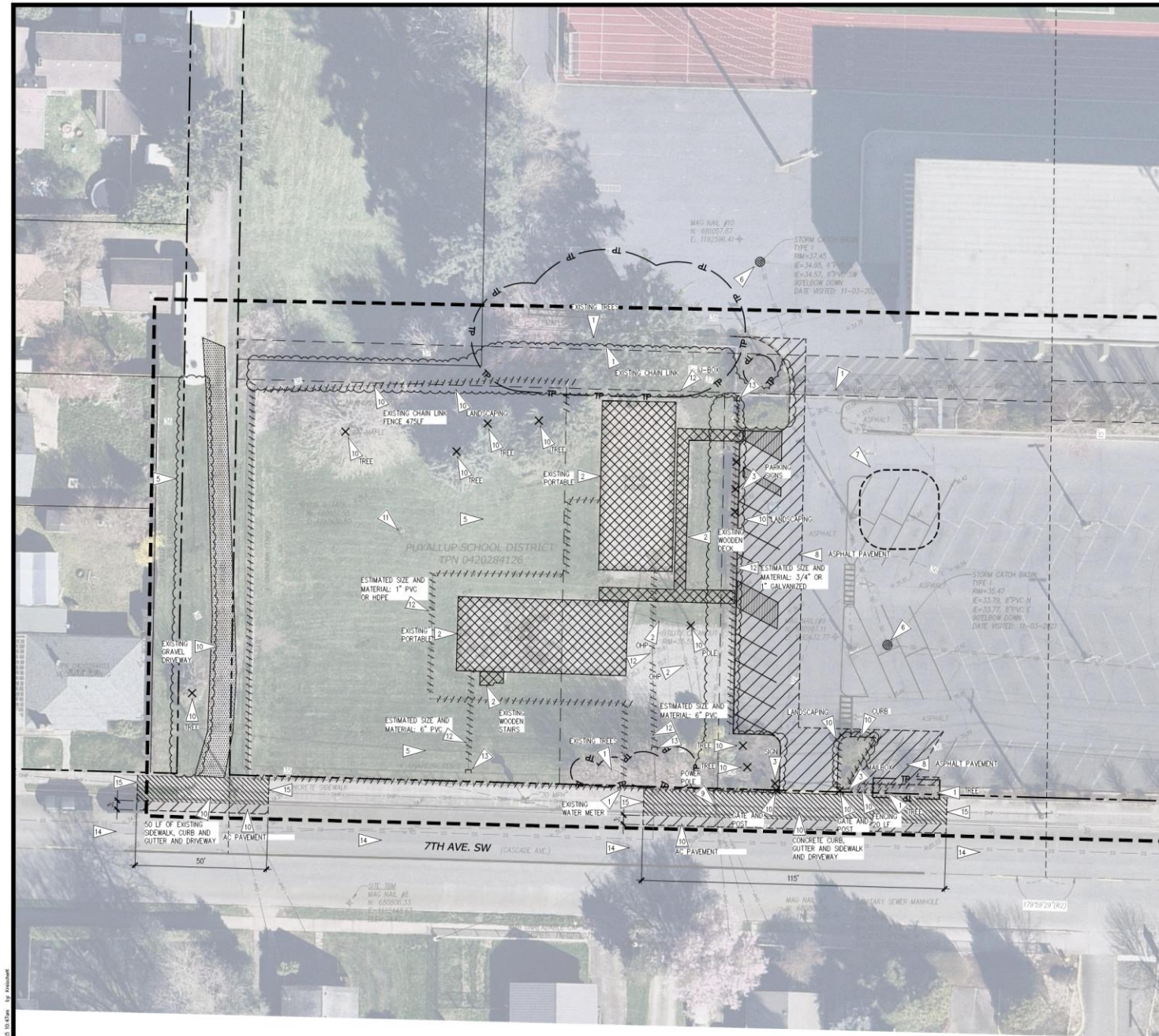


DESIGNED BY	DATE	SCALE	AS NOTED
CHECKED BY	DATE		
DRAWN BY	DATE		
sitts & hill CIVIL STRUCTURAL SURVEY 4818 CENTER STREET TACOMA, WA 98409 PHONE (252) 474-9449 FAX (252) 474-9153 http://www.sitts-hill.com			
PUYALLUP SCHOOL DISTRICT 323 12TH ST NW PUYALLUP, WA 98374			
SPARKS STADIUM PARKING LOT ADDITION PUYALLUP, WASHINGTON 98371 SHEET TITLE TOPOGRAPHIC SURVEY			
2 OF 2 PROJECT NO. 19474			

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



DEMOLITION AND TESC PLAN
SCALE: 1"=20'

APPROVED
BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: 11/09/2021
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.

LEGEND

- PROPOSED FEATURES
- CATCH BASIN PROTECTION, PER DETAIL A1/C1.3
 - DEMOLITION OF DESIGNATED ITEM
 - TEMPORARY SOIL STOCKPILE
 - SAWCUT PAVEMENT
 - LIMITS OF WORK
 - TREE PROTECTION FENCE, PER DETAIL A4/C1.3
 - GRAVEL DEMOLITION
 - BUILDING STRUCTURE DEMOLITION
 - CONCRETE REMOVAL
 - ASPHALT DEMOLITION

GENERAL NOTES

1. SEE APPLICABLE PROJECT AND CITY OF PUYALLUP GENERAL CIVIL NOTES ON SHEETS C0.1 AND C0.2
2. CONSTRUCTION ACCESS SHALL BE FROM EXISTING ASPHALT SURFACES ON 7TH AVE SW. IF ADDITIONAL MEASURES ARE NEEDED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS, PROVIDE STREET SWEEPING TO PREVENT SEDIMENT FROM ENTERING STORM SYSTEMS.
3. CONTRACTOR SHALL COVER ALL OPEN TRENCHES AT END OF WORK DAY.
4. CONTRACTOR TO PROTECT EXISTING FEATURES BEYOND THE LIMITS OF WORK AND REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
6. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS AND KEEP ONE LANE OF ON-SITE ACCESS CLEAR AT ALL TIMES DURING CONSTRUCTION.
7. SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
8. CONTRACTOR SHALL PREPARE, SUBMIT AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN FROM THE CITY OF PUYALLUP PRIOR TO COMMENCING WORK IN RIGHT-OF-WAY.

KEY NOTES

1. PROTECT EXISTING FEATURE TO REMAIN, AS NOTED.
2. EXISTING PORTABLE BUILDINGS, WOODEN RAMPS AND STAIRS, AND OHP HAVE BEEN REMOVED BY OTHERS. THE EXISTING GRAVEL PAD REMAINS.
3. SALVAGE EXISTING FEATURE, AS NOTED. PROVIDE TEMPORARY MAILBOX RECEPTACLE FOR CONSTRUCTION DURATION. COORDINATE RELOCATION WITH SCHOOL DISTRICT.
4. TEMPORARY CONSTRUCTION ACCESS, SWEEP CLEAN AS REQUIRED. SEE GENERAL NOTE 2.
5. REMOVE EXISTING GRASS AND TOP SOIL. DISPOSE OF AT AN APPROVED OFF-SITE FACILITY.
6. INSTALL CATCH BASIN PROTECTION PER DETAIL A1/C1.3. PROVIDE CATCH BASIN PROTECTION AT ALL STORM DRAINAGE INLETS SUBJECT TO SURFACE DRAINAGE FROM CONSTRUCTION AREA.
7. SUGGESTED TEMPORARY SOIL STOCKPILE LOCATION, COORDINATE ACTUAL LOCATION WITH SCHOOL DISTRICT. CONTRACTOR TO PROTECT ALL STOCKPILES AS NEEDED TO PREVENT EROSION PER DETAIL B1/C1.3. AND EMPLOY EROSION CONTROL BMP'S IN ACCORDANCE WITH GENERAL NOTES ON SHEET C0.1 AND C0.2.
8. DEMOLISH ASPHALT PAVEMENT FULL DEPTH.
9. RELOCATE EXISTING POWER POLE.
10. DEMOLISH EXISTING FEATURE, AS NOTED.
11. DECOMMISSION EXISTING SHALLOW GROUNDWATER MONITORING WELL.
12. DEMOLISH EXISTING UTILITY.
13. PROVIDE UTILITY CAP.
14. PROVIDE STREET SWEEPING AS REQUIRED.
15. REMOVE EXISTING SIDEWALK TO NEAREST EXPANSION JOINT.



HORIZONTAL SCALE: 1"=20'
0 20 40



APPROVED BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING
DATE: 11/09/2021
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.

DESIGNED: SAJ
CHECKED: RSH
DATE: 11/09/2021
SCALE: AS NOTED

sh sitts & hill
CIVIL & STRUCTURAL SURVEY
4815 CENTER STREET
TACOMA, WA 98409
PROJECT: (202) 450-4600
http://www.sittsandhill.com

PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

SPARKS STADIUM
EVENT PARKING LOT
PUYALLUP, WASHINGTON 98371
SHEET TITLE: DEMOLITION AND TESC PLAN
SHEET NO: C.11
PROJECT NO: 19474

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



DEMOLITION AND TESC PLAN
SCALE: 1"=20'

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.

LEGEND

- PROPOSED FEATURES
- CATCH BASIN PROTECTION, PER DETAIL A1/C1.3
 - DEMOLITION OF DESIGNATED ITEM
 - TEMPORARY SOIL STOCKPILE
 - SAWCUT PAVEMENT
 - LIMITS OF WORK
 - TREE PROTECTION FENCE, PER DETAIL A4/C1.3
 - GRAVEL DEMOLITION
 - BUILDING STRUCTURE DEMOLITION
 - CONCRETE REMOVAL
 - ASPHALT DEMOLITION

GENERAL NOTES

1. SEE APPLICABLE PROJECT AND CITY OF PUYALLUP GENERAL CIVIL NOTES ON SHEETS C0.1 AND C0.2
2. CONSTRUCTION ACCESS SHALL BE FROM EXISTING ASPHALT SURFACES ON 7TH AVE SW. IF ADDITIONAL MEASURES ARE NEEDED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS, PROVIDE STREET SWEEPING TO PREVENT SEDIMENT FROM ENTERING STORM SYSTEMS.
3. CONTRACTOR SHALL COVER ALL OPEN TRENCHES AT END OF WORK DAY.
4. CONTRACTOR TO PROTECT EXISTING FEATURES BEYOND THE LIMITS OF WORK AND REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
6. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS AND KEEP ONE LANE OF ON-SITE ACCESS CLEAR AT ALL TIMES DURING CONSTRUCTION.
7. SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
8. CONTRACTOR SHALL PREPARE, SUBMIT AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN FROM THE CITY OF PUYALLUP PRIOR TO COMMENCING WORK IN RIGHT-OF-WAY.

KEY NOTES

1. PROTECT EXISTING FEATURE TO REMAIN, AS NOTED.
2. EXISTING PORTABLE BUILDING, WOODEN RAMPS AND STAIRS, AND OHP HAVE BEEN REMOVED BY OTHERS. THE EXISTING GRAVEL PAD REMAINS.
3. SALVAGE EXISTING FEATURE, AS NOTED. PROVIDE TEMPORARY MAILBOX RECEPTACLE FOR CONSTRUCTION DURATION. COORDINATE RELOCATION WITH SCHOOL DISTRICT.
4. TEMPORARY CONSTRUCTION ACCESS, SWEEP CLEAN AS REQUIRED. SEE GENERAL NOTE 2.
5. REMOVE EXISTING GRASS AND TOP SOIL. DISPOSE OF AT AN APPROVED OFF-SITE FACILITY.
6. INSTALL CATCH BASIN PROTECTION PER DETAIL A1/C1.3. PROVIDE CATCH BASIN PROTECTION AT ALL STORM DRAINAGE INLETS SUBJECT TO SURFACE DRAINAGE FROM CONSTRUCTION AREA.
7. SUGGESTED TEMPORARY SOIL STOCK PILE LOCATION. COORDINATE ACTUAL LOCATION WITH SCHOOL DISTRICT. CONTRACTOR TO PROTECT ALL STOCKPILES AS NEEDED TO PREVENT EROSION PER DETAIL B1/C1.3. AND EMPLOY EROSION CONTROL BMP'S IN ACCORDANCE WITH GENERAL NOTES ON SHEET C0.1 AND C0.2.
8. DEMOLISH ASPHALT PAVEMENT FULL DEPTH.
9. RELOCATE EXISTING POWER POLE.
10. DEMOLISH EXISTING FEATURE, AS NOTED.
11. DECOMMISSION EXISTING SHALLOW GROUNDWATER MONITORING WELL.
12. DEMOLISH EXISTING UTILITY.
13. PROVIDE UTILITY CAP.
14. PROVIDE STREET SWEEPING AS REQUIRED.



HORIZONTAL SCALE: 1"=20'



PROJECT NO. 19474

SHEET NO. C1.2

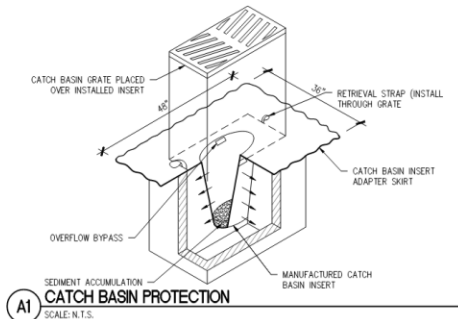
PREPARED FOR: PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

PREPARED BY: sh sitts & hill
CIVIL | STRUCTURAL | SURVEY
4815 CENTER STREET | PUYALLUP, WA 98409
PHONE: (253) 474-8448 | FAX: (253) 474-9153
http://www.sittsandhill.com

DESIGNED: SAJ
DRAWN: SAJ
CHECKED: BCK
DATE: 11/10/2021
SCALE: AS NOTED

APPROVAL: [Professional Engineer Seal]

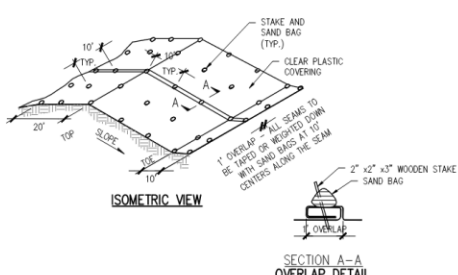
Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



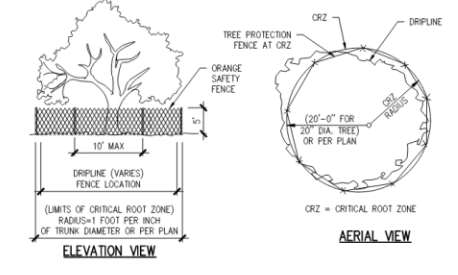
A1 CATCH BASIN PROTECTION
SCALE: N.T.S.

CATCH BASIN PROTECTION NOTES

1. CATCH BASIN INSERTS SHALL BE PROVIDED IN THE CATCH BASINS NOTED ON THE PLANS.
2. AT ALL PROPOSED CATCH BASINS, CATCH BASIN PROTECTION SHALL BE INSTALLED IMMEDIATELY UPON CATCH BASIN INSTALLATION AND SHALL REMAIN UNTIL FINAL SITE STABILIZATION.
3. CATCH BASIN INSERT SHALL BE DOWNHEAD STREAMGUARD CATCH BASIN INSERT #3003, ADVANCED ENVIRONMENTAL SOLUTIONS DRAINSURD CATCH BASIN FILTER INSERT #1103111, OR APPROVED EQUAL.
4. CATCH BASIN INSERTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
5. CATCH BASIN INSERTS WILL BE REMOVED FOLLOWING COMPLETION OF CONSTRUCTION AND STABILIZATION OF ALL CLEARED AREAS.



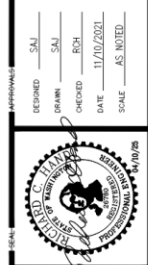
B1 PLASTIC COVERING
SCALE: N.T.S.



A4 TREE PROTECTION
SCALE: 0:2

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.

DESIGNED	SAJ
DRAWN	SAJ
CHECKED	RSJ
DATE	11/07/2021
SCALE	AS NOTED



sh **sitts & hill**
CIVIL | STRUCTURAL | SURVEY
4810 CENTER STREET | TACOMA, WA 98409
PHONE: (253) 424-4475
WWW.SH-SITTSANDHILL.COM

PREPARED FOR:
PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

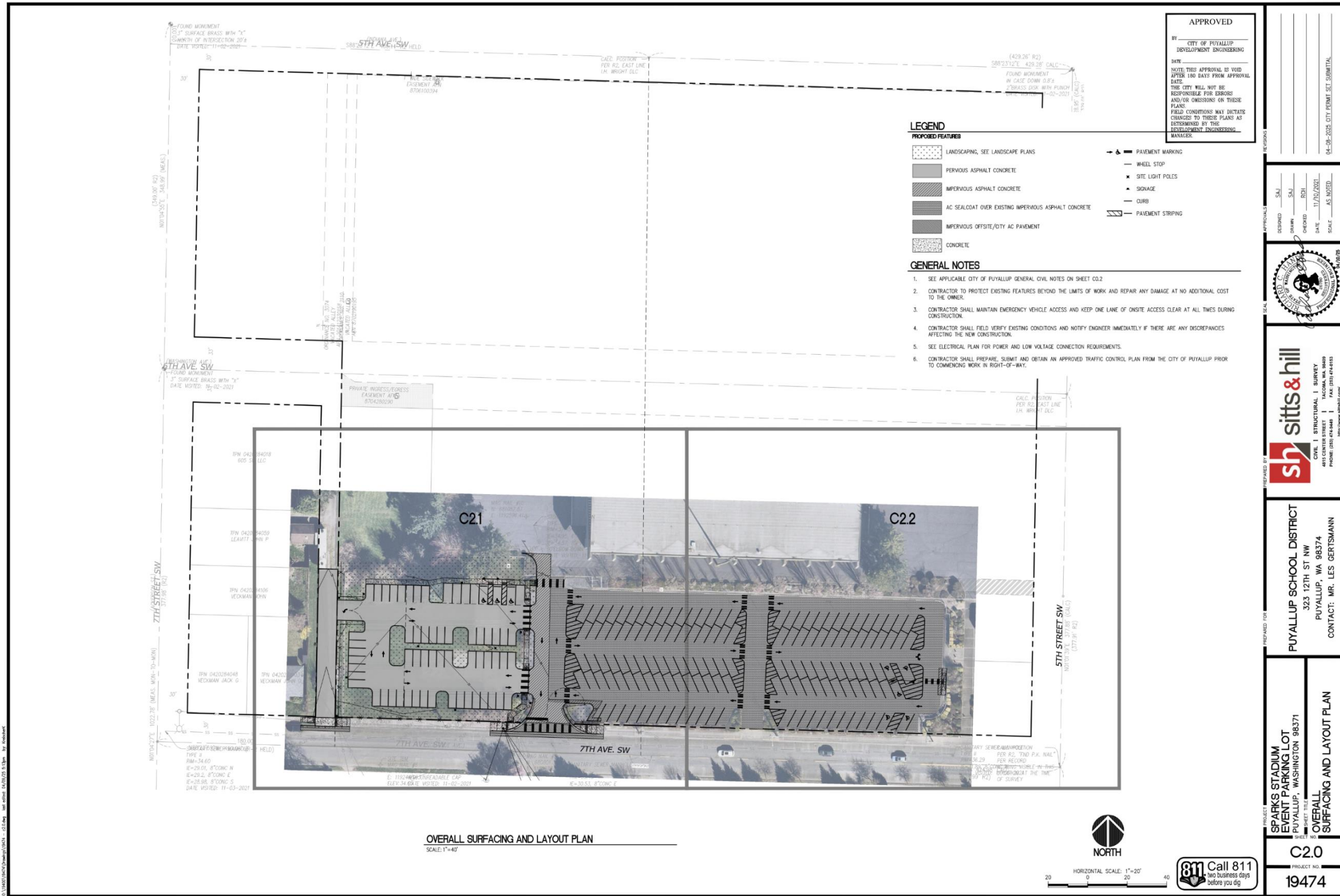
PROJECT:
**SPARKS STADIUM
EVENT PARKING LOT**
PUYALLUP, WASHINGTON 98371
SHEET TITLE:
TESC DETAILS

PROJECT NO.
C13
19474

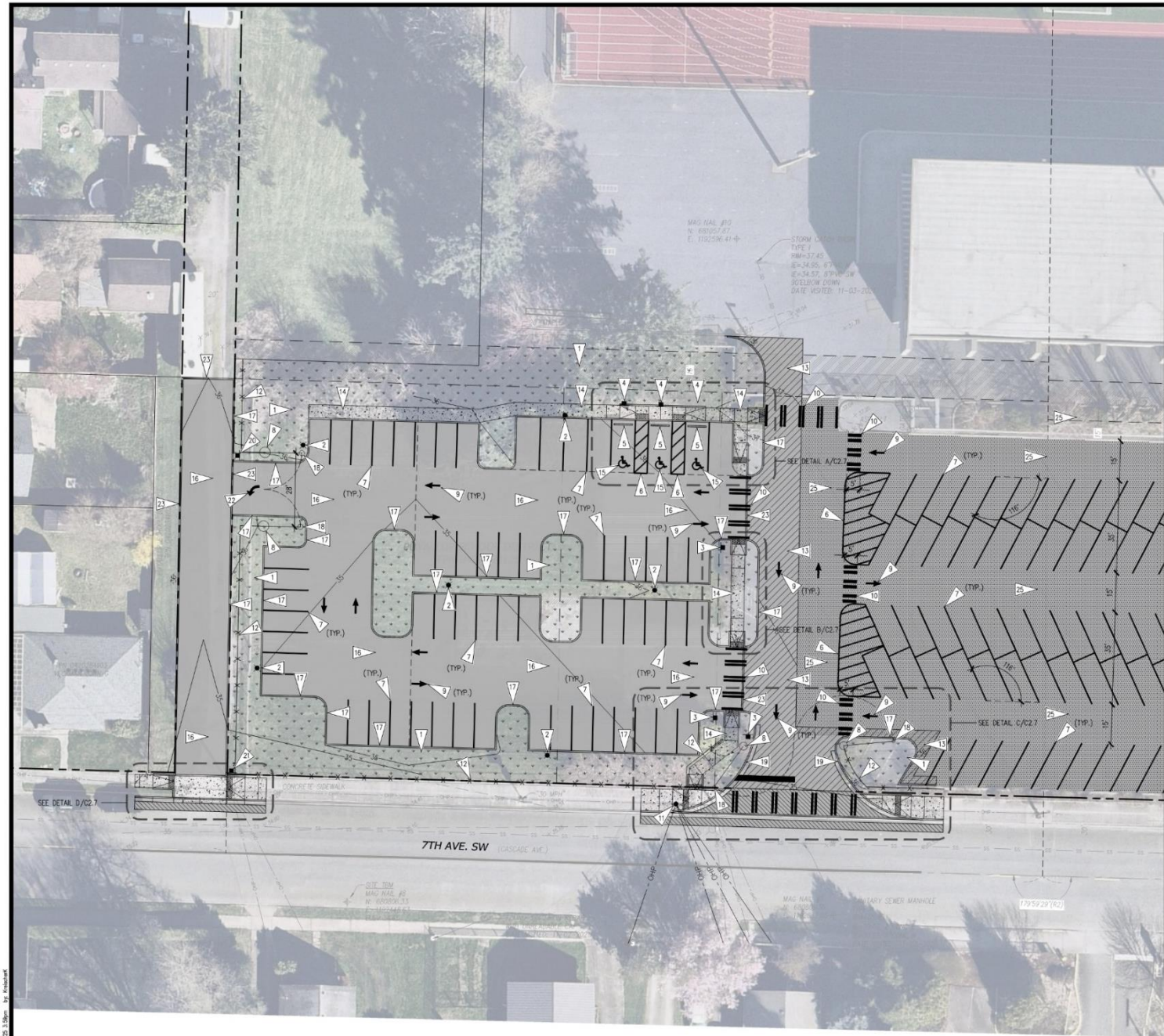


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Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



ENLARGED SURFACING AND LAYOUT PLAN
 SCALE: 1"=20'

APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE: 11/10/2021
 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.

LEGEND

	LANDSCAPING, SEE LANDSCAPE PLANS		PAVEMENT MARKING
	PERVIOUS ASPHALT CONCRETE		WHEEL STOP
	IMPERVIOUS ASPHALT CONCRETE		SITE LIGHT POLES
	AC SEALCOAT OVER EXISTING IMPERVIOUS ASPHALT CONCRETE		SIGNAGE
	IMPERVIOUS OFFSITE/CITY AC PAVEMENT		CURB
	CONCRETE		PAVEMENT STRIPING

- GENERAL NOTES**
- SEE APPLICABLE CITY OF PUYALLUP GENERAL CIVIL NOTES ON SHEET C0.2
 - CONTRACTOR TO PROTECT EXISTING FEATURES BEYOND THE LIMITS OF WORK AND REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS AND KEEP ONE LANE OF ON-SITE ACCESS CLEAR AT ALL TIMES DURING CONSTRUCTION.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
 - SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
 - CONTRACTOR SHALL PREPARE, SUBMIT AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN FROM THE CITY OF PUYALLUP PRIOR TO COMMENCING WORK IN RIGHT-OF-WAY.

- KEY NOTES**
- LANDSCAPING, SEE LANDSCAPE PLANS.
 - SITE LIGHT POLES, SEE ELECTRICAL PLANS.
 - PROVIDE "STOP" SIGN PER CITY OF PUYALLUP DETAILS 01.04.01/C2.6 AND 01.04.02/C2.6.
 - PROVIDE "ADA" SIGN PER DETAIL A1/C2.4 (NO. 6 UNLESS OTHERWISE NOTED).
 - PROVIDE WHEEL STOP PER DETAIL B3/C2.4.
 - PROVIDE 4" WIDE WHITE STRIPING PER DETAIL B1/C2.4.
 - PROVIDE 4" WIDE WHITE STALL STRIPING.
 - PROVIDE TRAFFIC GATES PER DETAIL D1/C2.4.
 - TYPE IS DIRECTIONAL ARROW STRIPING PER WSDOT STANDARD PLAN M-24.40-02/C2.9.
 - PROVIDE PAINTED CROSSWALK PAVEMENT MARKINGS PER CITY OF PUYALLUP DETAIL 01.03.11/C2.6.
 - RELOCATED POLE LOCATION.
 - 4' HIGH TYPE 6 CHAIN LINK FENCING PER CITY OF PUYALLUP DETAIL 06.01.09/C2.6.
 - IMPERVIOUS ASPHALT CONCRETE PAVEMENT (IACP), SEE DETAILS A1/C2.3 AND A2/C2.3.
 - CONCRETE WALK PER DETAIL B1/C2.3.
 - PROVIDE PAINTED ADA PARKING STALL SYMBOL PER DETAIL A3/C2.4.
 - PERVIOUS ASPHALT CONCRETE PAVEMENT (PACP), SEE DETAIL A3/C2.3.
 - CAST-IN-PLACE CEMENT CONCRETE TRAFFIC CURB PER WSDOT STANDARD PLAN F-10.12-04/C2.8.
 - GATE HOLD OPEN POST PER DETAIL D1/C2.4.
 - CONCRETE CURB AND GUTTER PER CITY OF PUYALLUP DETAIL 01.02.09/C2.5.
 - PROVIDE R3-SL LEFT TURN ONLY SIGN, 16"x24" ON SIGN POST PER CITY OF PUYALLUP DETAIL 01.04.01/C2.6.
 - PROVIDE R5-1 DO NOT ENTER, 30"x30" SIGN ON SIGN POST PER CITY OF PUYALLUP DETAIL 01.04.01/C2.6.
 - TYPE 2SL LEFT TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.40-02/C2.9.
 - PROVIDE DEPRESSED CONCRETE CURB PER DETAIL B3/C2.3.
 - TYPE 4S TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.40-02/C2.9.
 - PROVIDE ASPHALT SEALCOAT OVER EXISTING IMPERVIOUS ASPHALT CONCRETE PARKING LOT PRIOR TO RESTRIPIING.

NORTH

HORIZONTAL SCALE: 1"=20'

0 20 40

811 Call 811
 No Business Days
 before you dig

DESIGNED: SJA
 DRAWN: SJA
 CHECKED: RCH
 DATE: 11/10/2021
 SCALE: AS NOTED

sh **sitts & hill**
 CIVIL | STRUCTURAL | SURVEY
 415 CENTER STREET | TACOMA, WA 98401
 PHONE (253) 424-8848 | FAX (253) 424-8153
 http://www.sitts-hill.com

PREPARED FOR:
PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERTSMANN

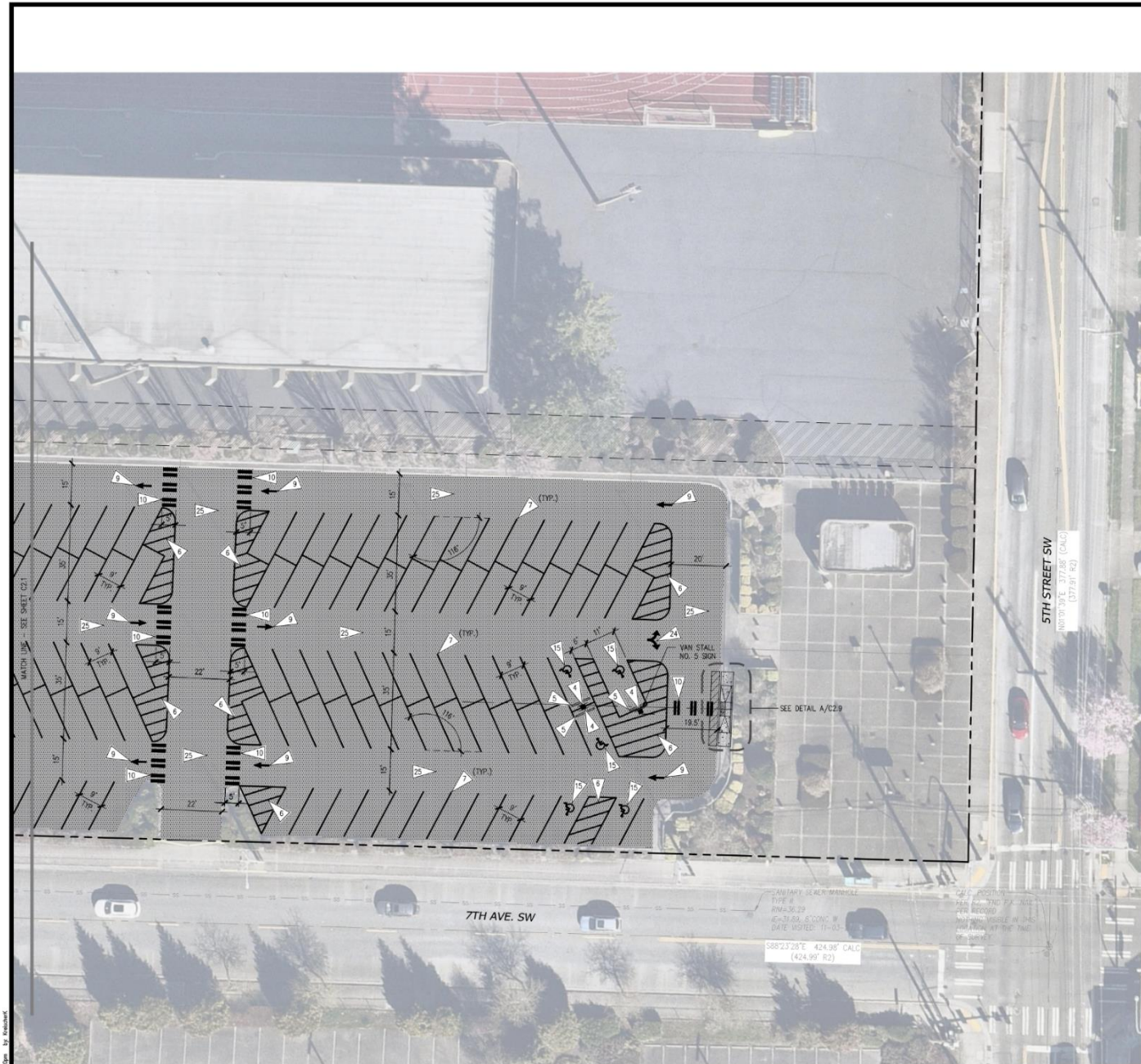
PROJECT NO:
**SPARKS STADIUM
 EVENT PARKING LOT
 PUYALLUP, WASHINGTON 98371**

SHEET NO:
**ENLARGED
 SURFACING AND LAYOUT PLAN**

PROJECT NO:
C2.1

PROJECT NO:
19474

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



ENLARGED SURFACING AND LAYOUT PLAN
 SCALE: 1"=20'

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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
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 DEVELOPMENT ENGINEERING
 MANAGER.

LEGEND

PROPOSED FEATURES

	LANDSCAPING, SEE LANDSCAPE PLANS		PAVEMENT MARKING
	PERVIOUS ASPHALT CONCRETE		WHEEL STOP
	IMPERVIOUS ASPHALT CONCRETE		SITE LIGHT POLES
	AC SEALCOAT OVER EXISTING IMPERVIOUS ASPHALT CONCRETE		SIGNAGE
	IMPERVIOUS OFFSITE/CITY AC PAVEMENT		CURB
	CONCRETE		PAVEMENT STRIPING

- GENERAL NOTES**
- SEE APPLICABLE CITY OF PUYALLUP GENERAL CIVIL NOTES ON SHEET C0.2
 - CONTRACTOR TO PROTECT EXISTING FEATURES BEYOND THE LIMITS OF WORK AND REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS AND KEEP ONE LANE OF ONSITE ACCESS CLEAR AT ALL TIMES DURING CONSTRUCTION.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
 - SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
 - CONTRACTOR SHALL PREPARE, SUBMIT AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN FROM THE CITY OF PUYALLUP PRIOR TO COMMENCING WORK IN RIGHT-OF-WAY.

- KEY NOTES**
- 1. LANDSCAPING, SEE LANDSCAPE PLANS.
 - 2. SITE LIGHT POLES, SEE ELECTRICAL PLANS.
 - 3. PROVIDE "STOP" SIGN PER CITY OF PUYALLUP DETAILS 01.04.01/C2.6 AND 01.04.02/C2.6.
 - 4. PROVIDE "ADA" SIGN PER DETAIL A1/C2.4 (NO. 6 UNLESS OTHERWISE NOTED).
 - 5. PROVIDE WHEEL STOP PER DETAIL B3/C2.4.
 - 6. PROVIDE 4" WIDE WHITE STRIPING PER DETAIL B1/C2.4.
 - 7. PROVIDE 4" WIDE WHITE STALL STRIPING.
 - 8. PROVIDE TRAFFIC GATES PER DETAIL D1/C2.4.
 - 9. TYPE 15 DIRECTIONAL ARROW STRIPING PER WSDOT STANDARD PLAN M-24.40-02/C2.9.
 - 10. PROVIDE PAINTED CROSSWALK PAVEMENT MARKINGS PER CITY OF PUYALLUP DETAIL 01.03.11/C2.6.
 - 11. RELOCATED POLE LOCATION.
 - 12. 4' HIGH TYPE 6 CHAIN LINK FENCING PER CITY OF PUYALLUP DETAIL 06.01.08/C2.6.
 - 13. IMPERVIOUS ASPHALT CONCRETE PAVEMENT (IACP), SEE DETAILS A1/C2.3 AND A2/C2.3.
 - 14. CONCRETE WALK PER DETAIL B1/C2.3.
 - 15. PROVIDE PAINTED ADA PARKING STALL SYMBOL PER DETAIL A3/C2.4.
 - 16. PERVIOUS ASPHALT CONCRETE PAVEMENT (PACP), SEE DETAIL A3/C2.3.
 - 17. CAST-IN-PLACE CEMENT CONCRETE TRAFFIC CURB PER WSDOT STANDARD PLAN F-10.12-04/C2.6.
 - 18. GATE HOLD OPEN POST PER DETAIL D1/C2.4.
 - 19. CONCRETE CURB AND GUTTER PER CITY OF PUYALLUP DETAIL 01.02.09/C2.5.
 - 20. PROVIDE R3-S, LEFT TURN ONLY SIGN, 18"x24" ON SIGN POST PER CITY OF PUYALLUP DETAIL 01.04.01/C2.6.
 - 21. PROVIDE R5-1 DO NOT ENTER, 30"x30" SIGN ON SIGN POST PER CITY OF PUYALLUP DETAIL 01.04.01/C2.6.
 - 22. TYPE 2SL LEFT TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.40-02/C2.9.
 - 23. PROVIDE DEPRESSED CONCRETE CURB PER DETAIL B3/C2.3.
 - 24. TYPE 4S TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.40-02/C2.9.
 - 25. PROVIDE ASPHALT SEALCOAT OVER EXISTING IMPERVIOUS ASPHALT CONCRETE PARKING LOT PRIOR TO RESTRIPIING.

NORTH

HORIZONTAL SCALE: 1"=20'

20 0 20 40

811 Call 811
 Two business days
 before you dig

PROJECT: SPARKS STADIUM EVENT PARKING LOT PUYALLUP, WASHINGTON 98371
 SHEET NO: C2.2
 PROJECT NO: 19474

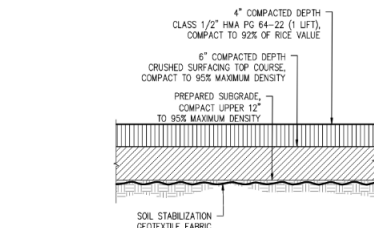
PREPARED FOR: PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERTSMANN

PREPARED BY: sh sitts & hill
 CIVIL | STRUCTURAL | SURVEY
 415 CENTER STREET | TACOMA, WA 98409
 PHONE (253) 824-8888 | FAX (253) 874-8075
 http://www.sittsandhill.com

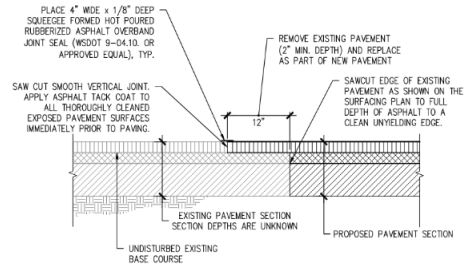
DECISION: SHU
 DRAWN: SHU
 CHECKED: RCH
 DATE: 11/02/2021
 SCALE: AS NOTED

DATE: 08-2025 CITY PERMIT SET SUBMITTAL
 AS NOTED

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual

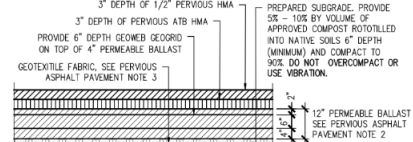


A1 IMPERVIOUS ASPHALT CONCRETE PAVEMENT SECTION
 SCALE: N.T.S.

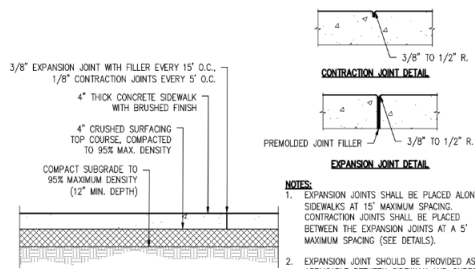


A2 PAVEMENT JOINT SECTION
 SCALE: N.T.S.

- NOTES:**
1. PLACE GEOTEXTILE FABRIC BETWEEN BALLAST AND NATIVE SUBGRADE.
 2. BALLAST SHALL BE PERMEABLE BALLAST PER SECTION 9-03.9(2) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 2024 STANDARD SPECIFICATION FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
 3. GEOTEXTILE FABRIC SHALL BE MODERATE SURVIVABILITY WOVEN - CLASS A PER SECTION 9-33.0(1), TABLE 1 AND 2. GEOTEXTILE FOR UNDERGROUND DRAINAGE, OF WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 2024 STANDARD SPECIFICATION FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.

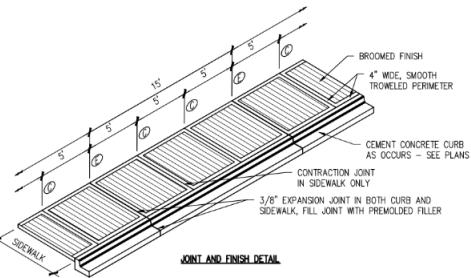


A3 PERVIOUS ASPHALT CONCRETE PAVEMENT SECTION
 SCALE: N.T.S.

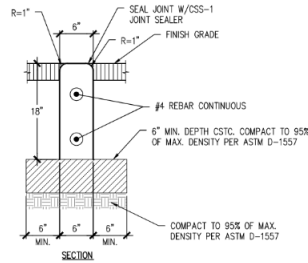


- NOTES:**
1. EXPANSION JOINTS SHALL BE PLACED ALONG SIDEWALKS AT 15' MAXIMUM SPACING. CONTRACTION JOINTS SHALL BE PLACED BETWEEN THE EXPANSION JOINTS AT A 5' MAXIMUM SPACING (SEE DETAILS).
 2. EXPANSION JOINT SHOULD BE PROVIDED AS APPLICABLE BETWEEN SIDEWALK AND CURB.
 3. SLOPE ALL SIDEWALKS TO ROADWAY AT 2%.

B1 CONCRETE PAVEMENT SECTION
 SCALE: N.T.S.



B3 DEPRESSED CONCRETE CURB
 SCALE: N.T.S.



APPROVED

BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING

DATE _____
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 DEVELOPMENT ENGINEERING
 MANAGER.

DESIGNED: SAJ
 DRAWN: SAJ
 CHECKED: RDI
 DATE: 11/16/2024
 SCALE: AS NOTED

APPROVALS:

sitts & hill
sh

CIVIL & STRUCTURAL SURVEY
 4815 CENTER STREET | TACOMA, WA 98409
 PHONE: (253) 478-9449 | FAX: (253) 474-4143
<http://www.sitts-hill.com>

PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERTSMANN

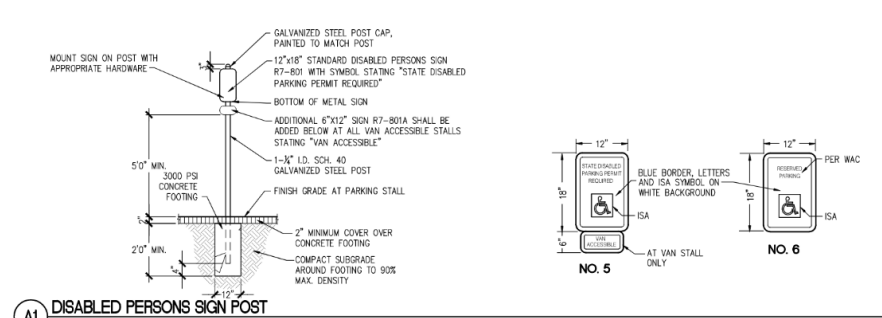
PROJECT: **SPARKS STADIUM
 EVENT PARKING LOT**
 PUYALLUP, WASHINGTON 98371
 SHEET TITLE: **SURFACING DETAILS**

C2.3
 PROJECT NO.
19474

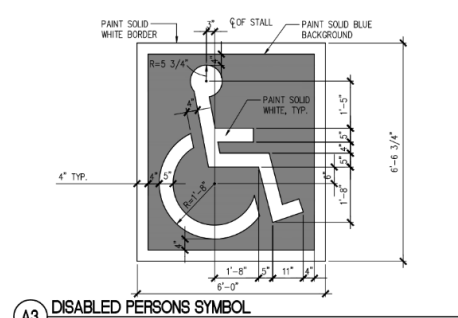


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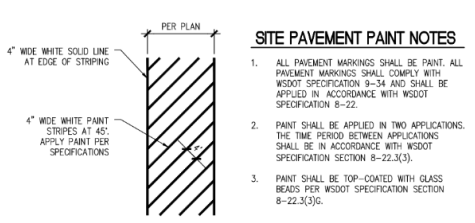
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 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



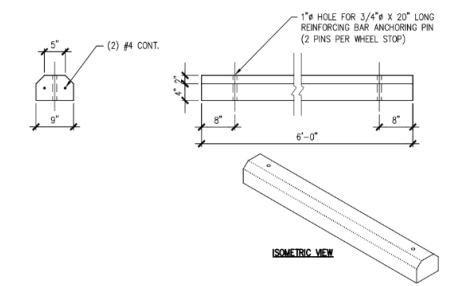
A1 DISABLED PERSONS SIGN POST
 SCALE: N.T.S.



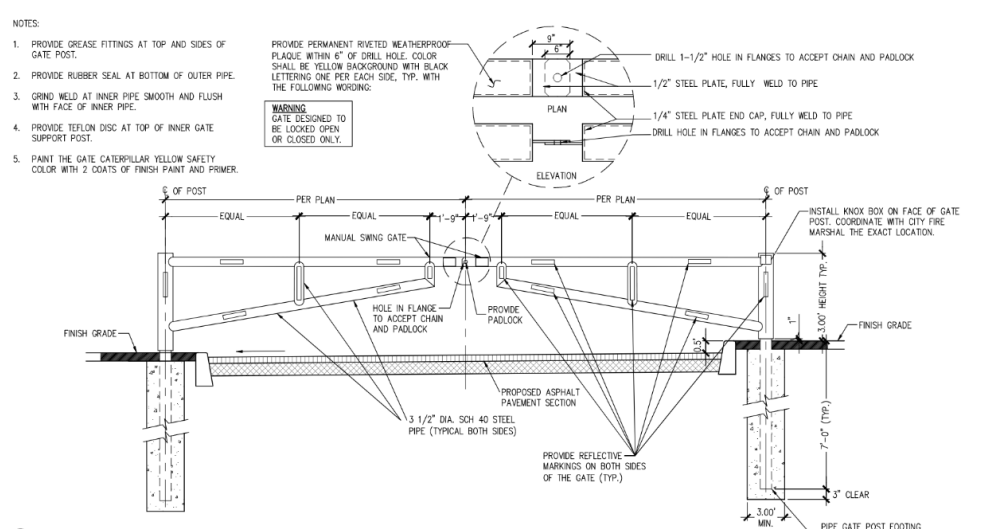
A3 DISABLED PERSONS SYMBOL
 SCALE: N.T.S.



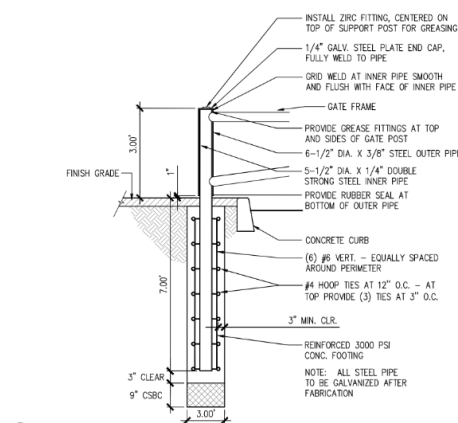
B1 PAVEMENT MARKING
 SCALE: N.T.S.



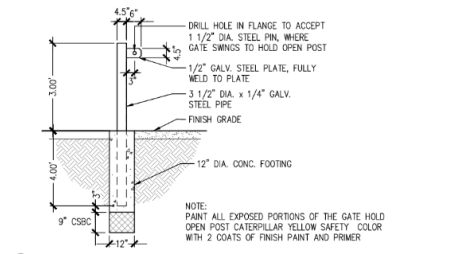
B3 PRECAST CONCRETE WHEEL STOP
 SCALE: N.T.S.



D1 PIPE GATE - CLOSED ELEVATION
 SCALE: 3/8\"/>



D3 PIPE GATE POST FOOTING
 SCALE: 3/8\"/>



D4 GATE HOLD OPEN POST
 SCALE: 3/8\"/>

APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE: 11/02/2021
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APPROVALS

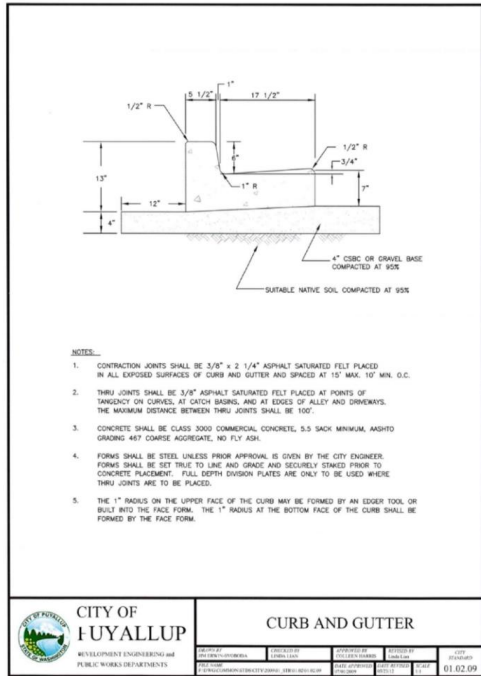
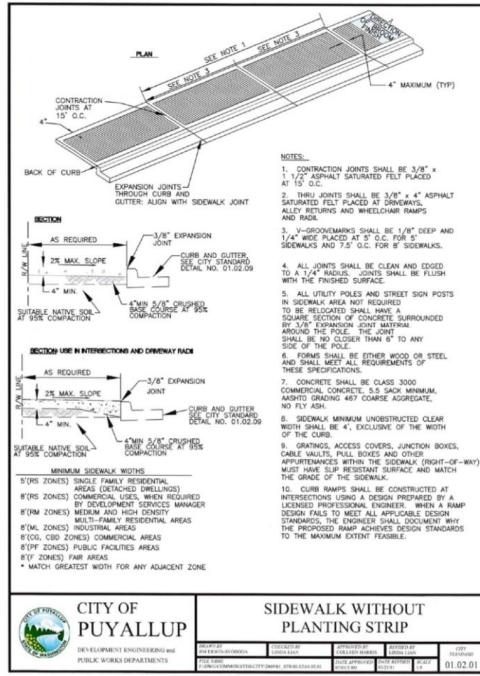
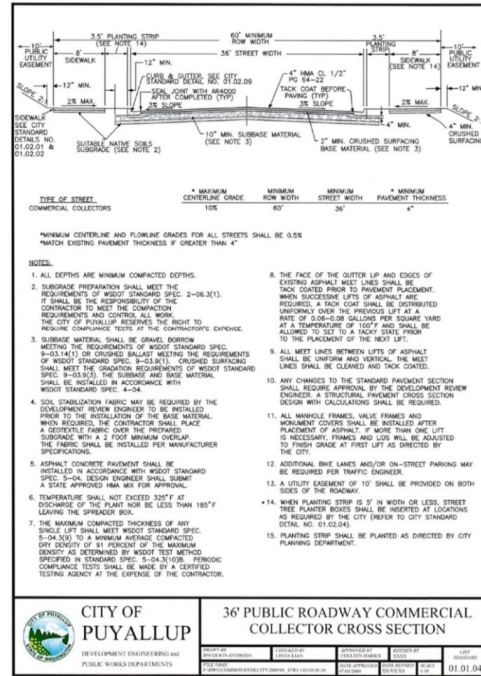
DESIGNED	SAJ
DRAWN	SAJ
CHECKED	BHJ
DATE	11/02/2021
SCALE	AS NOTED

PROJECT: SPARKS STADIUM EVENT PARKING LOT
 PUYALLUP, WASHINGTON 98371
 SHEET TITLE: SURFACING DETAILS
 PROJECT NO: 19474

PREPARED BY: sh sittings & hill
 CIVIL | STRUCTURAL | SURVEY
 4815 CENTER STREET | TACOMA, WA 98409
 PHONE (252) 624-4888 | FAX (252) 624-0103
 WWW.SH-SITTINGSANDHILL.COM

PREPARED FOR: PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERTSMANN

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

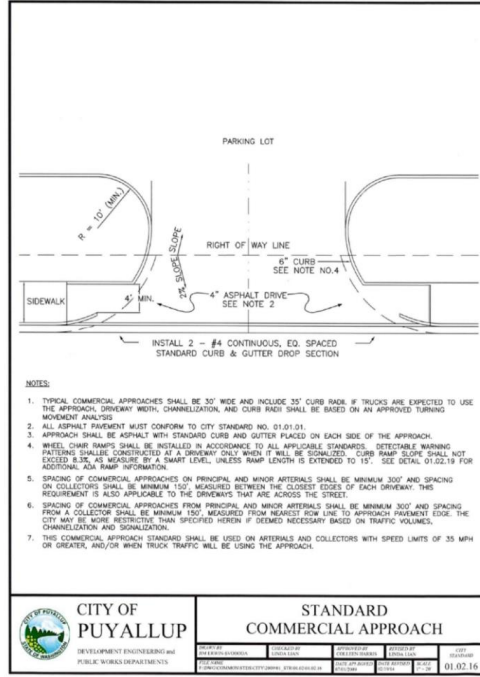
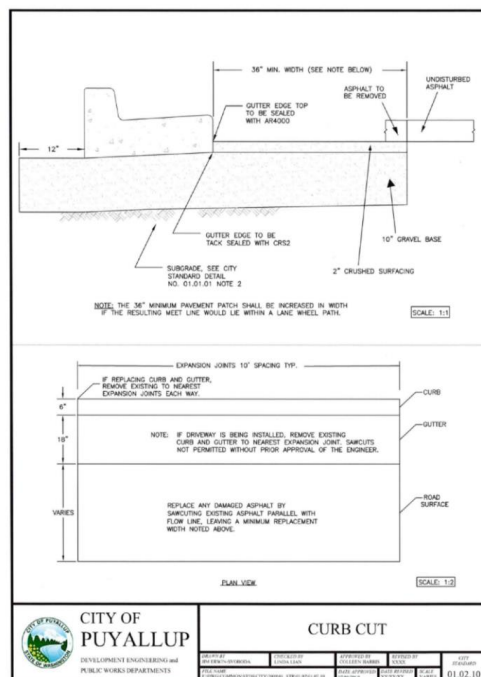
DATE: _____

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.

DESIGNED: SAI
DRAWN: SAI
CHECKED: RSH
DATE: 11/03/2021
SCALE: AS NOTED

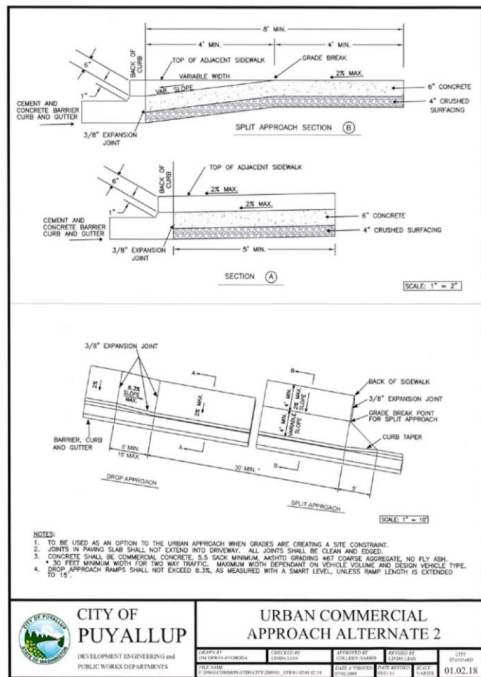
PROJECT: PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

sh sittings & hill
CIVIL | STRUCTURAL | SURVEY
4815 CENTER STREET | TACOMA, WA 98409
PHONE: (252) 441-9476
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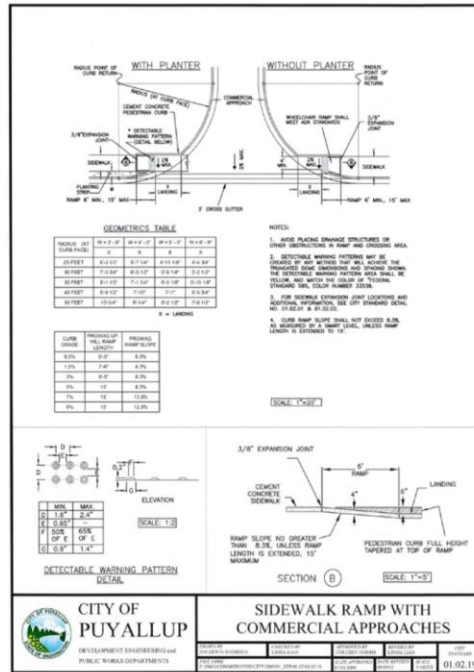
MODIFICATIONS TO CITY DETAIL 01.02.16:

- IN THE PLAN VIEW, DELETE THE SLOPE REQUIREMENTS AT THE ROW LINE.
- REVISE THE SIDEWALK DIMENSION FROM 4' TO BE 5'.



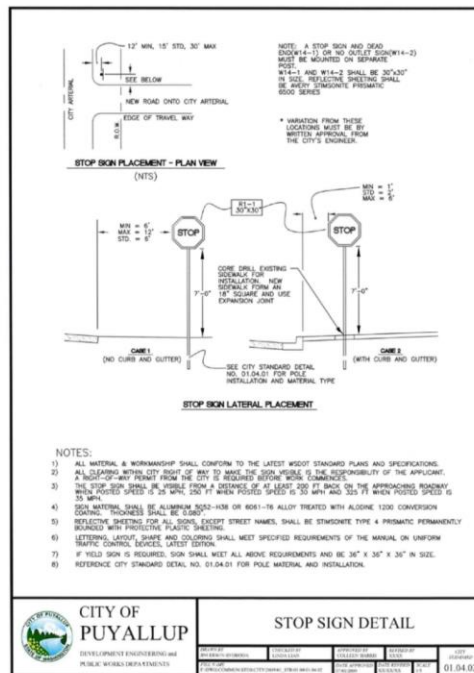
811 Call 811
two business days
before you dig

PROJECT NO: C25
SHEET NO: 19474



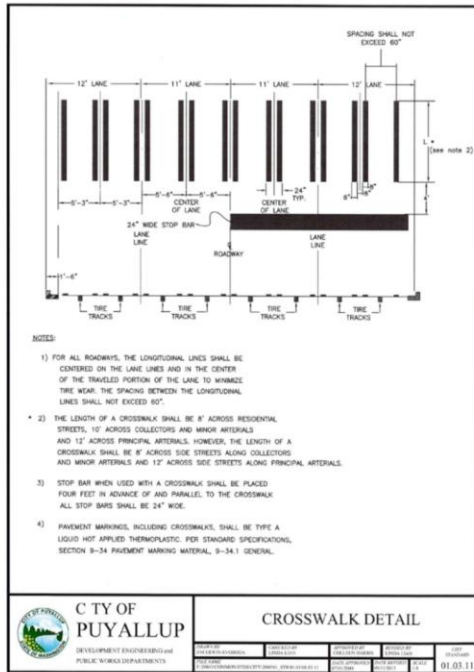
MODIFICATIONS TO CITY DETAIL 01.02.19:

1. IN THE PLAN VIEW, THE PORTION THAT DETAILS REQUIREMENTS WITHOUT THE PLANTER IS APPLICABLE TO THE PORTION THAT DETAILS REQUIREMENTS WITH A PLANTER DO NOT APPLY.
2. REVISE IN THE PLAN VIEW THE REQUIRED 3' CROSS CUTTER TO BE A STANDARD 2' CITY CURB AND GUTTER WITH THE EXPRESSED CURB SECTION.
3. REVISE THE 4' MINIMUM PEDESTRIAN TRAVEL WAY WIDTH TO BE 5'. SEE PLAN.
4. REVISE THE GEOMETRIC TABLE FIGURE FOR THIS PROJECT. FOR A 25' RADIUS AND A W=5', PROVIDE 8.32' OR 8.33' FOR THE APPLICABLE PLAN LOCATION. SEE PLANS.
5. DELETE THE CURB RAMP AND FORWARD TABLE AND COMPLY WITH THE PLAN ENLARGEMENT DETAILS.
6. PROVIDE DETECTABLE WARNING SURFACING AT THE PLAN DETAIL LOCATIONS.



NOTES:

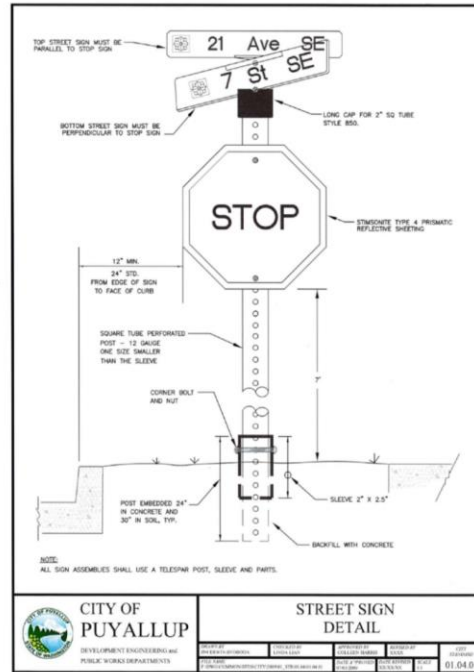
1. ALL MATERIAL & WORKMANSHIP SHALL CONFORM TO THE LATEST WDOT STANDARD PLANS AND SPECIFICATIONS.
2. ALL SIGNING WITHIN CITY LIMITS OF WA MUST MEET THE SIGN REQUIREMENTS OF THE JURISDICTION OF THE APPROACH. A "NO-OF-WAY" FRONT FROM THE CITY IS REQUIRED AROUND WORK ZONE.
3. THE STOP SIGN SHALL BE MOUNTED ON A 2" DIA. 1/2" DIA. SIGN POST. THE SIGN SHALL BE MOUNTED ON THE APPROACHING ROADWAY TO THE SIGN.
4. SIGNING SHALL BE MOUNTED ON A 2" DIA. 1/2" DIA. SIGN POST. THE SIGN SHALL BE MOUNTED ON THE APPROACHING ROADWAY TO THE SIGN.
5. REFLECTIVE SHEETING FOR ALL SIGN EXCEPT STREET NAMES SHALL BE TYPE A PERMANENTLY BLENDED WITH PROTECTIVE PLASTIC SHEETING.
6. LETTERING, LOGOS, SHIELD AND COLORING SHALL MEET SPECIFIED REQUIREMENTS OF THE MANUAL OR UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
7. IF FLAG SIGN IS REQUIRED, SIGN SHALL MEET ALL ABOVE REQUIREMENTS AND BE 24" X 36" X 3/8" IN SIZE. REFERENCE CITY STANDARD DETAIL NO. 01.04.01 FOR POLE MATERIAL AND INSTALLATION.



MODIFICATIONS TO CITY DETAIL 01.03.11:

1. REVISE NOTE 4 TO READ:
4. ALL OFFSITE PAVEMENT MARKINGS SHALL BE PAINTED IN ACCORDANCE WITH WDOT STANDARD SPECIFICATION SECTION 9-22 AND 9-34.

ALL OFFSITE PAVEMENT MARKINGS ON PERVIOUS AND IMPERVIOUS ASPHALT CONCRETE SHALL BE PAINTED IN ACCORDANCE WITH WDOT STANDARD SPECIFICATION SECTION 9-22 AND 9-34.



APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING

DATE: 11/07/2024

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.

sh sitts & hill

ENGINEERING ARCHITECTURE SURVEYING

485 CENTER STREET | SUITE 100
PUYALLUP, WA 98374
PHONE: (253) 472-8489 | FAX: (253) 472-8153
http://www.shsitthill.com

PUYALLUP SCHOOL DISTRICT

323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

SPARKS STADIUM EVENT PARKING LOT

PUYALLUP, WASHINGTON 98371

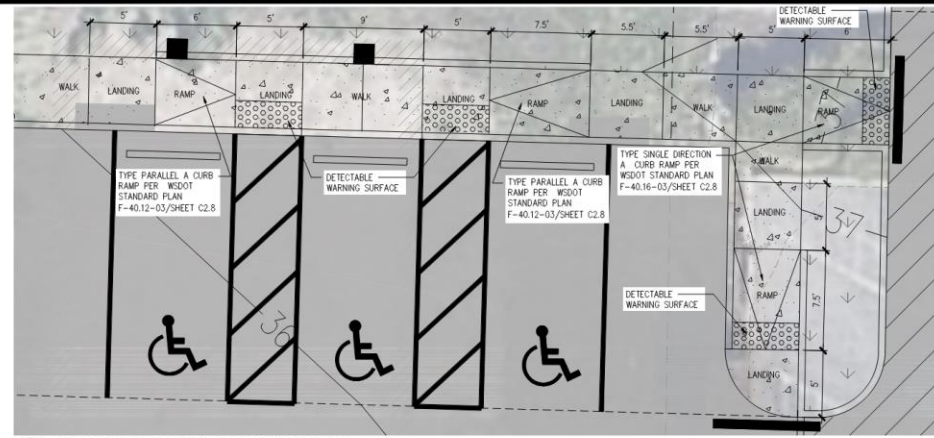
SHEET NO. **C2.6**

PROJECT NO. **19474**

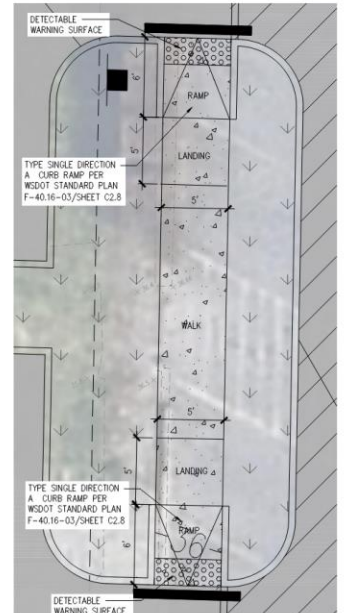
SURFACING DETAILS



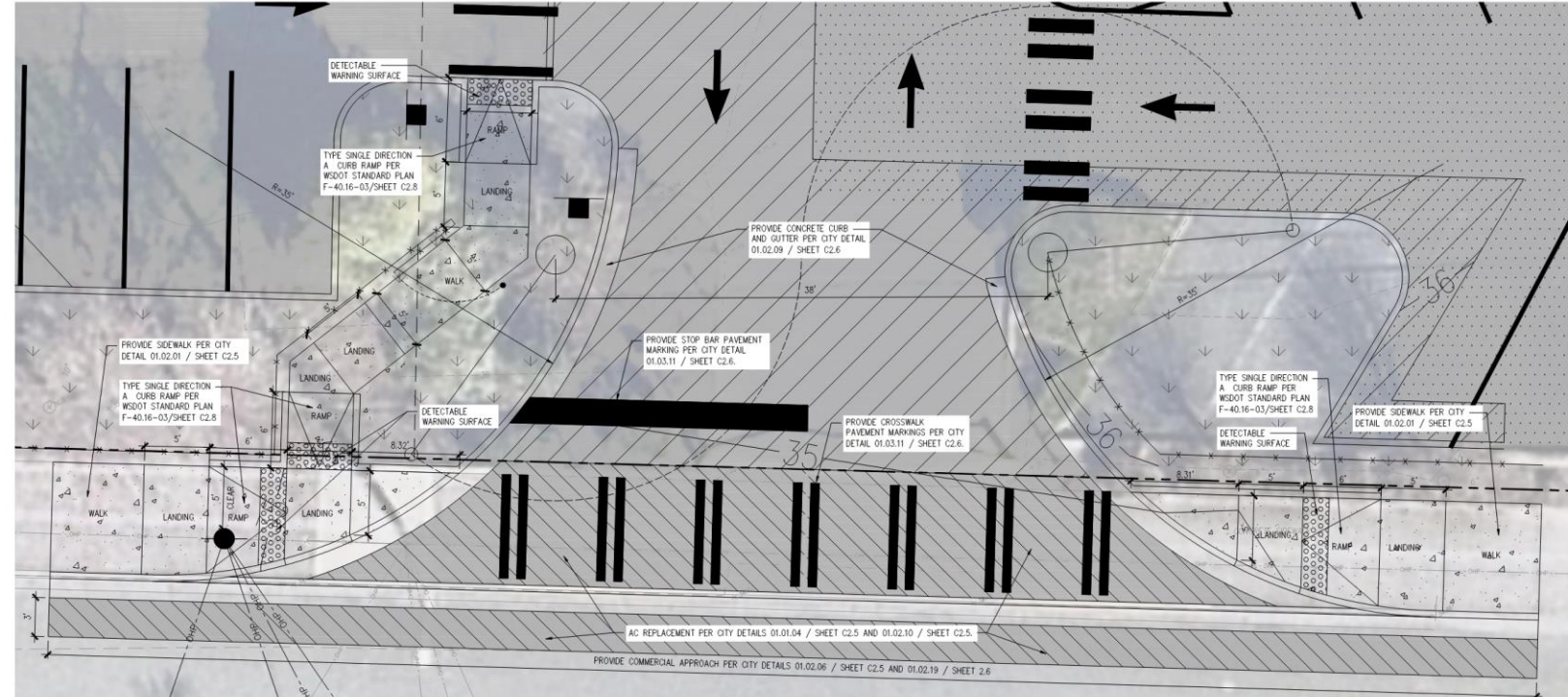
Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



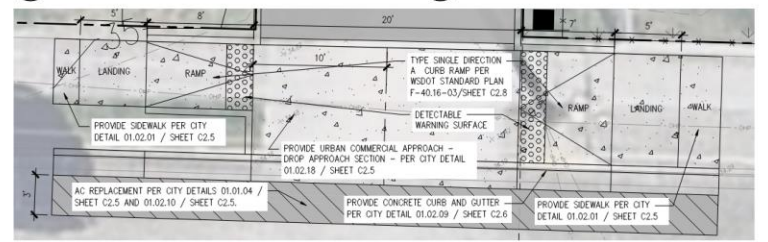
A ENLARGED SURFACING AND LAYOUT PLAN
SCALE: 1"=5'



B ENLARGED SURFACING AND LAYOUT PLAN
SCALE: 1"=5'



C ENLARGED SURFACING AND LAYOUT PLAN
SCALE: 1"=5'



D ENLARGED SURFACING AND LAYOUT PLAN
SCALE: 1"=5'

APPROVED
BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE _____
NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL
DATE _____
THIS 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.

APPROVAL

DESIGNED: SAJ SAJ BOH
DRAWN: SAJ BOH
CHECKED: SAJ BOH
DATE: 11/20/2020
SCALE: AS NOTED

PREPARED BY: **sh** **sitts&hill**
STRUCTURAL | SURVEY
4850 15TH STREET | PUYALLUP, WA 98374
PHONE: (252) 474-8489 | FAX: (252) 474-8153
http://www.sitts.com

PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES GERTSMANN

PROJECT NO: 19474

SPARKS STADIUM
EVENT PARKING LOT
PUYALLUP, WASHINGTON 98371
SHEET NO: C2.7

811 Call 811
two business days
before you dig



HORIZONTAL SCALE: 1"=5'

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual

STANDARD PLAN F-10.12-04
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Date: 2020.09.24
Time: 10:23 AM

Michael S. Flannery
Professional Engineer
No. 34200-00-0000
June 24, 2008 7:19 AM
Puyallup, WA Department of Transportation

STANDARD PLAN F-40.12-03
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Date: 2020.09.24
Time: 10:23 AM

Michael S. Flannery
Professional Engineer
No. 34200-00-0000
June 24, 2008 7:19 AM
Puyallup, WA Department of Transportation

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE: _____

NOTE: THIS APPROVAL IS VOID
AFTER 180 DAYS FROM APPROVAL

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

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

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/20/2020	AS NOTED

SAI
SMU
RSH
DATE: 11/20/2020
SCALE: AS NOTED

sn **sitts & hill**
CIVIL & STRUCTURAL SURVEY
4810 CENTER STREET | TACOMA, WA 98149
PHONE: (253) 435-8441 | FAX: (253) 435-8420
WWW.SITTSANDHILL.COM

PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374
CONTACT: MR. LES BERTSMANN

**SPARKS STADIUM
EVENT PARKING LOT**
PUYALLUP, WASHINGTON 98371

SURFACING DETAILS

C2.8
PROJECT NO.
19474

811 Call 811
two business days
before you dig

STANDARD PLAN F-40.16-03
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Date: 2020.09.24
Time: 10:23 AM

Michael S. Flannery
Professional Engineer
No. 34200-00-0000
June 24, 2008 7:19 AM
Puyallup, WA Department of Transportation

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual

NOTES

- Permanent Detectable Warning Surfaces (DWV) shall extend the full width of the curb ramp, landing or other roadway surface as applicable. Exception: If the manufacturer of the DWV requires a concrete border around the DWV, a distance of up to 2" (50 mm) on each side of the DWV is permitted.
- Permanent Detectable Warning Surfaces (DWV) shall be placed on a minimum 4" (100 mm) thick concrete pad. The DWV pad shall be placed adjacent to the back of the curb and set no more than a 2" (50 mm) gap between the DWV and the back of the curb measured at the center of the DWV panel. Exception: If the Manufacturer of the selected DWV requires a concrete border around the DWV, a distance of up to 2" (50 mm) from the back of the curb is permitted (measured at the leading corner of the DWV panel).
- The faces of truncated domes shall be aligned to be parallel to the direction of travel, and perpendicular to the grade break at the back of curb.
- If curb and gutter are not present such as a shared-use path connection, the Detectable Warning Surface shall be placed at the pavement edge.
- See Standard Plans for sidewalk and curb-ramp details.
- If a curb ramp is required, the location of the Detectable Warning Surface must be at the bottom of the ramp and within the required distance from the rail crossing.
- When the grade break between the curb ramp and the landing is less than or equal to 1/8" from the back of curb to the back of the curb, place the Detectable Warning Surface on the bottom of the curb ramp directly above the grade break.
- Class 2 or slick down Detectable Warning Surfaces are allowed only for temporary work zone applications.

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.

DESIGNED: SAJ
 DRAWN: BJA
 CHECKED: SAJ
 DATE: 11/01/2024
 SCALE: AS NOTED

APPROVAL: [Signature]

SYMBOL MARKINGS - TRAFFIC ARROWS FOR LOW-SPEED ROADWAYS
 STANDARD PLAN M-24.40-02
 SHEET 1 OF 2 SHEETS
 APPROVED FOR PUBLICATION: JUN 4, 2024
 WASHINGTON STATE Department of Transportation

A ENLARGED SURFACING AND LAYOUT PLAN
 SCALE: 1"=5'

sh sits & hill
 CIVIL | STRUCTURAL | SURVEY
 PHONE: (206) 242-8848 | FAX: (206) 474-8125
 http://www.sitsandhill.com

PREPARED FOR:
PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERTSMANN

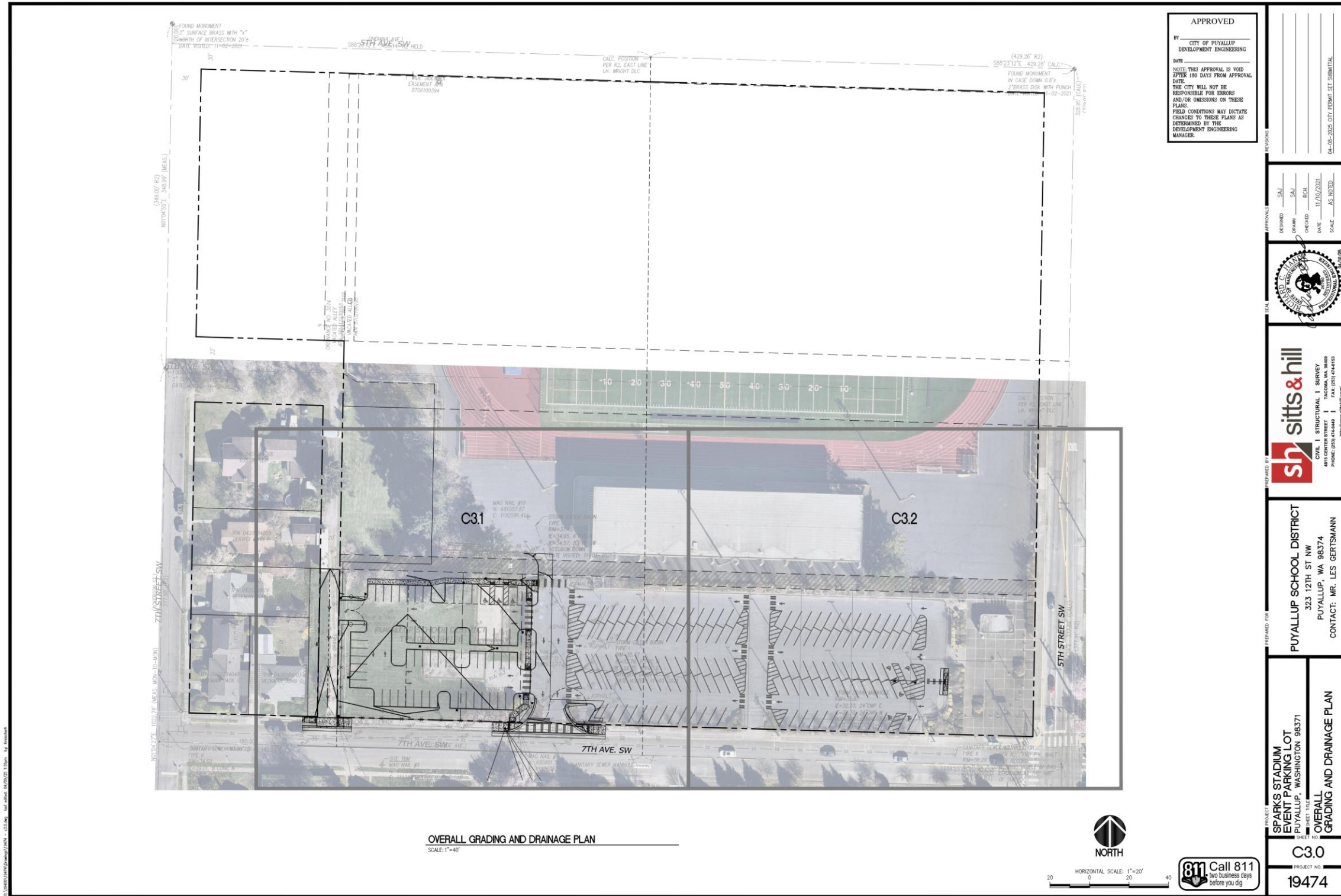
PROJECT NO:
19474

PROJECT TITLE:
SPARKS STADIUM EVENT PARKING LOT SURFACING DETAILS

SHEET NO:
C2.9

811 Call 811
 two business days before you dig

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



APPROVED

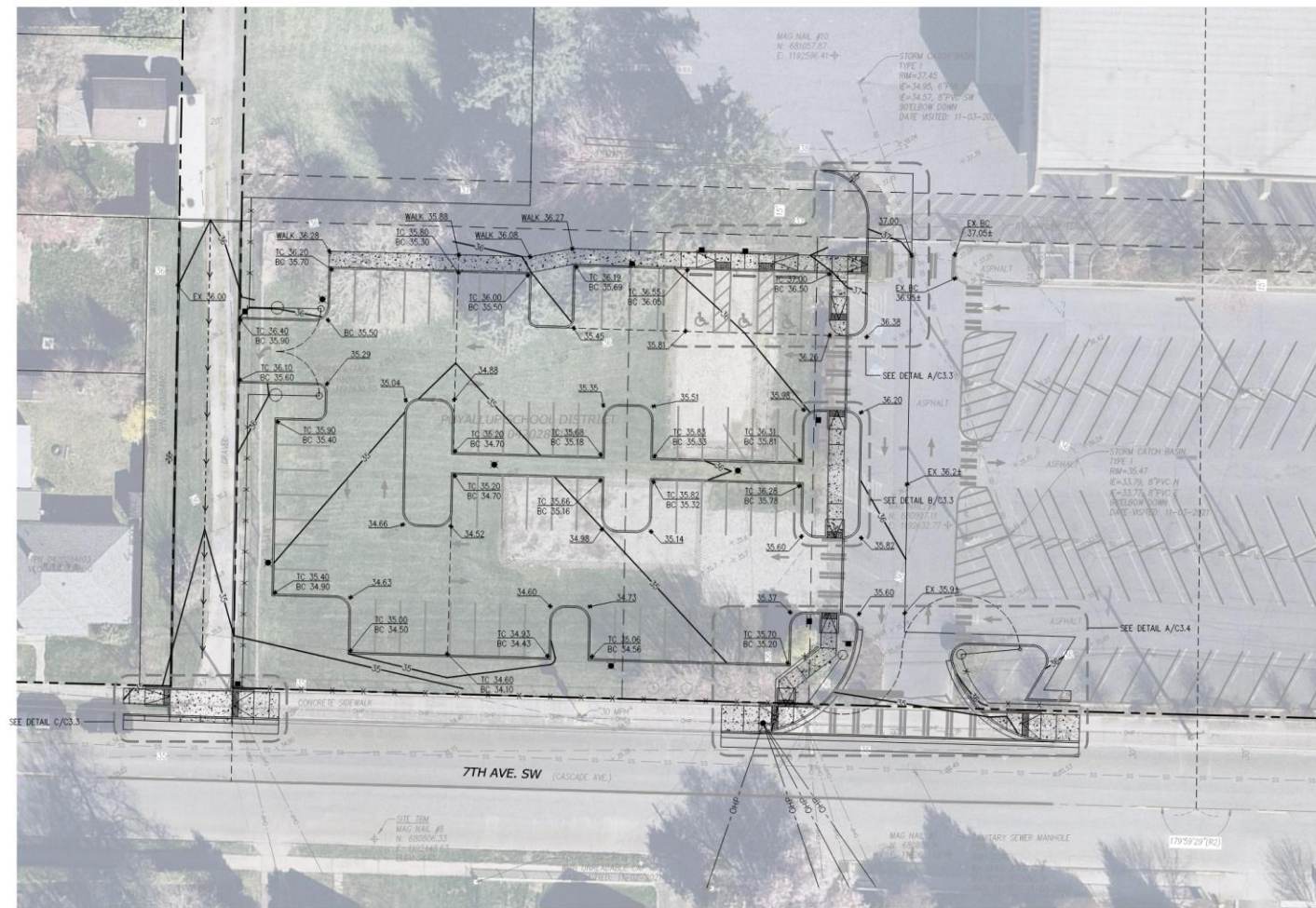
BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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PREPARED FOR SPARKS STADIUM EVENT PARKING LOT PUYALLUP, WASHINGTON 98371 SHEET NO. C3.0	PREPARED BY sh sitts & hill CIVIL STRUCTURAL SURVEY 323 12TH ST NW PUYALLUP, WA 98374 CONTACT: MR. LES GERTSMANN	REGIONAL DESIGNED: SAJ DRAWN: SAJ CHECKED: BCK DATE: 11/20/2021 SCALE: AS SHOWN	PERSONAL DESIGNED: SAJ DRAWN: SAJ CHECKED: BCK DATE: 11/20/2021 SCALE: AS SHOWN

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



ENLARGED GRADING AND DRAINAGE PLAN
 SCALE: 1"=20'

APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE: _____
 NOTE: THIS APPROVAL IS VOID
 AFTER 180 DAYS FROM APPROVAL
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 MANAGER.

LEGEND
 PROPOSED FEATURES
 - - - - - PROPOSED CONTOUR
 GRADE BREAK
 ————> FLOW LINE
 35.35 PROPOSED FINISH GRADE SPOT ELEVATION

- GENERAL NOTES
- COORDINATE EXECUTION OF THE WORK PER THE CONSTRUCTION SEQUENCE REQUIREMENTS ON SHEET C0.1 AND OTHER NOTE REQUIREMENTS ON SHEETS C0.1 AND C0.2.
 - CONTRACTOR TO PROTECT EXISTING FEATURES BEYOND THE LIMITS OF WORK AND REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS AND KEEP ONE LANE OF ON-SITE ACCESS CLEAR AT ALL TIMES DURING CONSTRUCTION.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
 - SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
 - CONTRACTOR SHALL PREPARE, SUBMIT AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN FROM THE CITY OF PUYALLUP PRIOR TO COMMENCING WORK IN RIGHT-OF-WAY.

NORTH
 HORIZONTAL SCALE: 1"=20'
 0 20 40
 811 Call 811
 two business days
 before you dig

APPROVED BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 DATE: 09/13/2024
 SCALE: AS NOTED

sh sittings & hill
 CIVIL | STRUCTURAL | SURVEY
 4818 CENTER STREET
 TACOMA, WA 98409
 PHONE: (253) 465-4400
 WWW.SH-SITTINGSANDHILL.COM

PREPARED FOR:
 PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERTSMANN

PROJECT:
 SPARKS STADIUM
 EVENT PARKING LOT
 PUYALLUP, WASHINGTON 98371
 SHEET TITLE:
 ENLARGED
 GRADING AND DRAINAGE PLAN

C3.1
 PROJECT NO:
 19474

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



ENLARGED GRADING AND DRAINAGE PLAN
 SCALE: 1"=20'

APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE: _____
 NOTE: THIS APPROVAL IS VOID
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- LEGEND**
- PROPOSED FEATURES**
- PROPOSED CONTOUR
 - - - - GRADE BREAK
 - - - - FLOW LINE
 - PROPOSED FINISH GRADE SPOT ELEVATION

- GENERAL NOTES**
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 4. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
 5. SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
 6. CONTRACTOR SHALL PREPARE, SUBMIT AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN FROM THE CITY OF PUYALLUP PRIOR TO COMMENCING WORK IN RIGHT-OF-WAY.

<p>PROJECT: SPARKS STADIUM EVENT PARKING LOT PUYALLUP, WASHINGTON 98371</p> <p>SHEET TITLE: ENLARGED GRADING AND DRAINAGE PLAN</p> <p>SHEET NO: C3.2</p> <p>PROJECT NO: 19474</p>	<p>PREPARED BY: sh sitts & hill</p> <p>CIVIL STRUCTURAL SURVEY</p> <p>415 CENTER STREET TACOMA, WA 98409</p> <p>PHONE (252) 624-8840 FAX (252) 624-9155</p> <p>http://www.shsitts.com</p>
<p>PREPARED FOR: PUYALLUP SCHOOL DISTRICT</p> <p>323 12TH ST NW</p> <p>PUYALLUP, WA 98374</p> <p>CONTACT: MR. LES GERTSMANN</p>	<p>APPROVAL: _____</p> <p>DESIGNED: SAJ</p> <p>DRAWN: SAJ</p> <p>CHECKED: BSH</p> <p>DATE: 11/10/2021</p> <p>SCALE: AS NOTED</p>

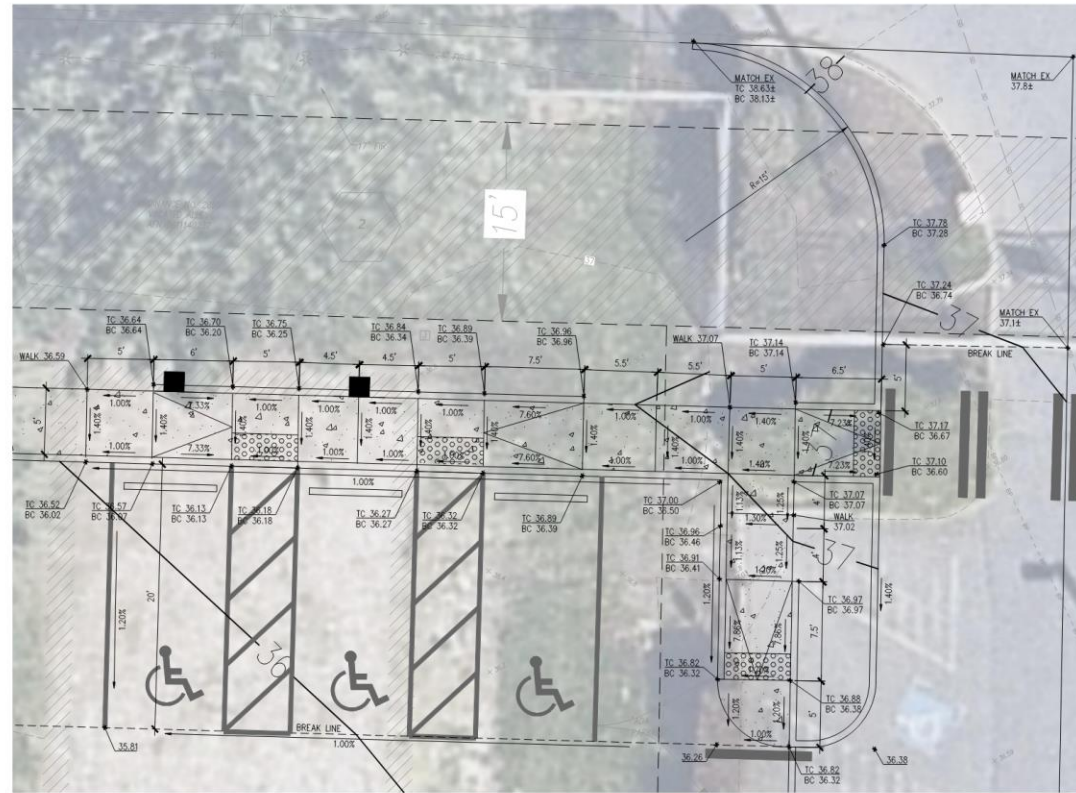
NORTH

HORIZONTAL SCALE: 1"=20'

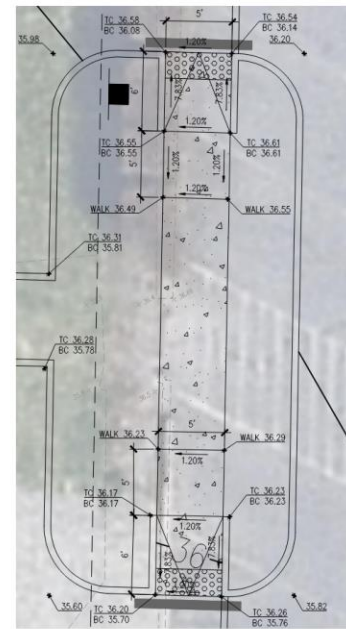
0 20 40

811 Call 811
 two business days
 before you dig

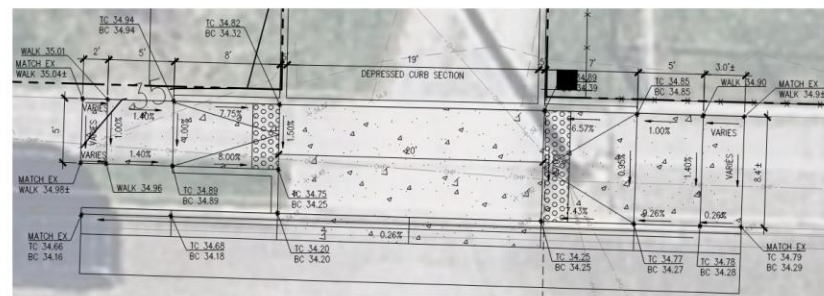
Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



A ENLARGED GRADING PLAN
 SCALE: 1"=5'



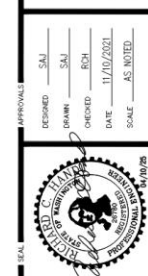
B ENLARGED GRADING PLAN
 SCALE: 1"=5'



C ENLARGED GRADING PLAN
 SCALE: 1"=5'

APPROVED
 BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE _____
 NOTE: THIS APPROVAL IS VOID
 AFTER 180 DAYS FROM APPROVAL
 DATE.
 THE CITY WILL NOT BE
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 AND/OR OMISSIONS ON THESE
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 FIELD CONDITIONS MAY DICTATE
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 DETERMINED BY THE
 DEVELOPMENT ENGINEERING
 MANAGER.

RESPONSIBLE
 DESIGNER: SAJ
 CHECKED: SAJ
 INCHES: ECH
 DATE: 11/02/2011
 SCALE: AS NOTED
 URL: 02-2025-CITY PERMIT SET SUBMITTAL



sh **sitts & hill**
 CIVIL & STRUCTURAL ENGINEERING
 4015 CENTER STREET | TACOMA, WA 98409
 PHONE: (252) 478-8400 | FAX: (252) 474-9183
 http://www.sitts.com

PREPARED FOR
PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374
 CONTACT: MR. LES GERSTMANN

PROJECT
**SPARKS STADIUM
 EVENT PARKING LOT
 PUYALLUP, WASHINGTON 98371**
 SHEET NO.
C3.3

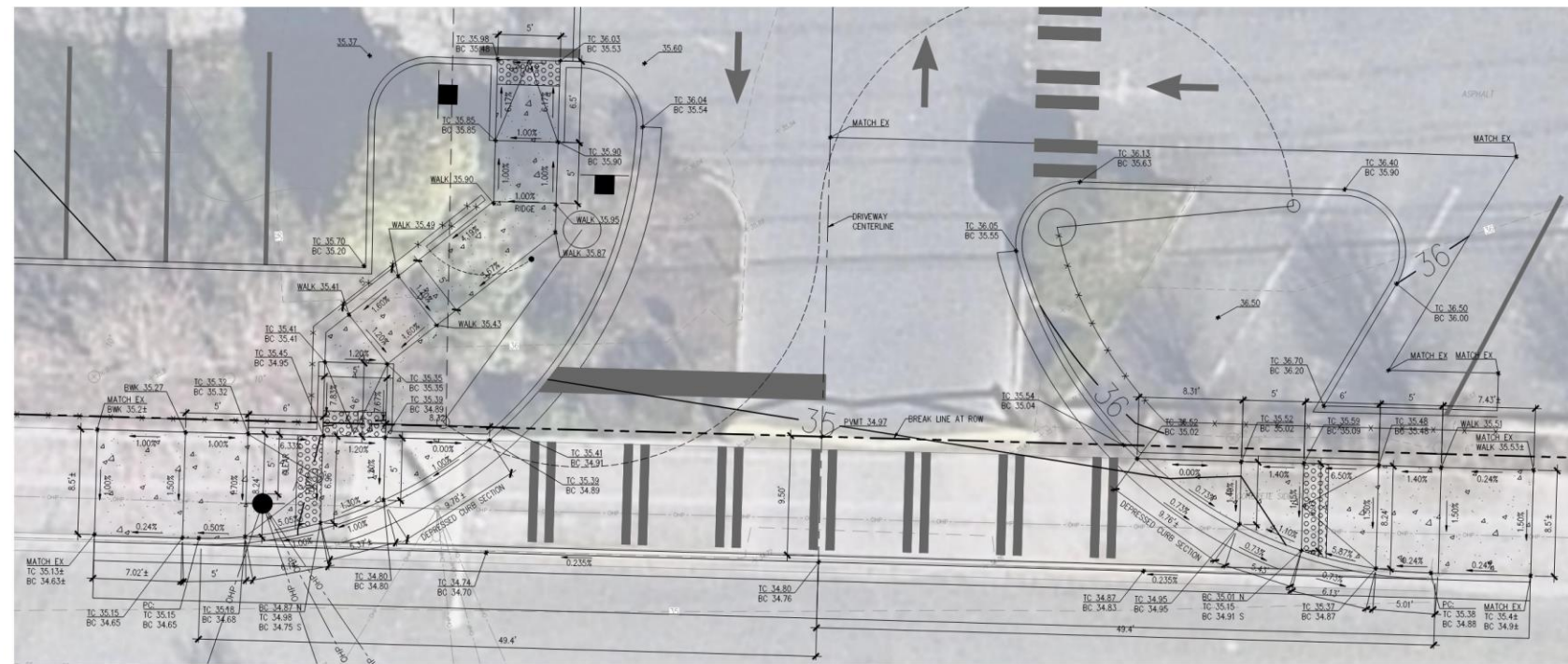
PROJECT NO.
19474



HORIZONTAL SCALE: 1"=5'
 5 0 5 10



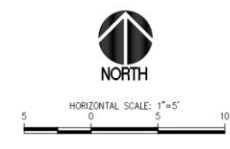
Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



A ENLARGED GRADING PLAN
 SCALE: 1"=5'

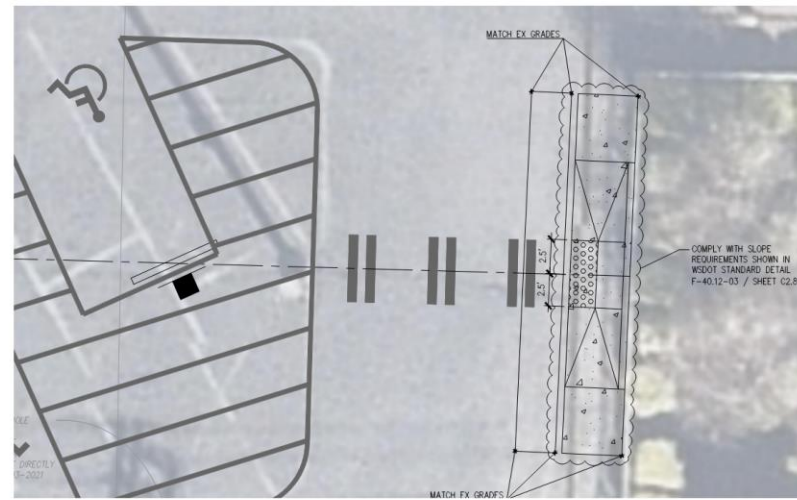
APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
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 DEVELOPMENT ENGINEERING
 MANAGER.

DESIGNED	SAJ	SAJ
CHECKED	JOHAN	BCH
DATE	11/10/2021	SCALE
AS NOTED		
PREPARED FOR: PUYALLUP SCHOOL DISTRICT 323 12TH ST NW PUYALLUP, WA 98374 CONTACT: MR. LES BERTSMANN		
PROJECT: SPARKS STADIUM EVENT PARKING LOT PUYALLUP, WASHINGTON 98371		
SHEET TITLE: GRADING DETAILS		
SHEET NO: C3.4		
PROJECT NO: 19474		



811 Call 811
 no business days
 before you dig

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



A ENLARGED GRADING PLAN
 SCALE: 1"=5'

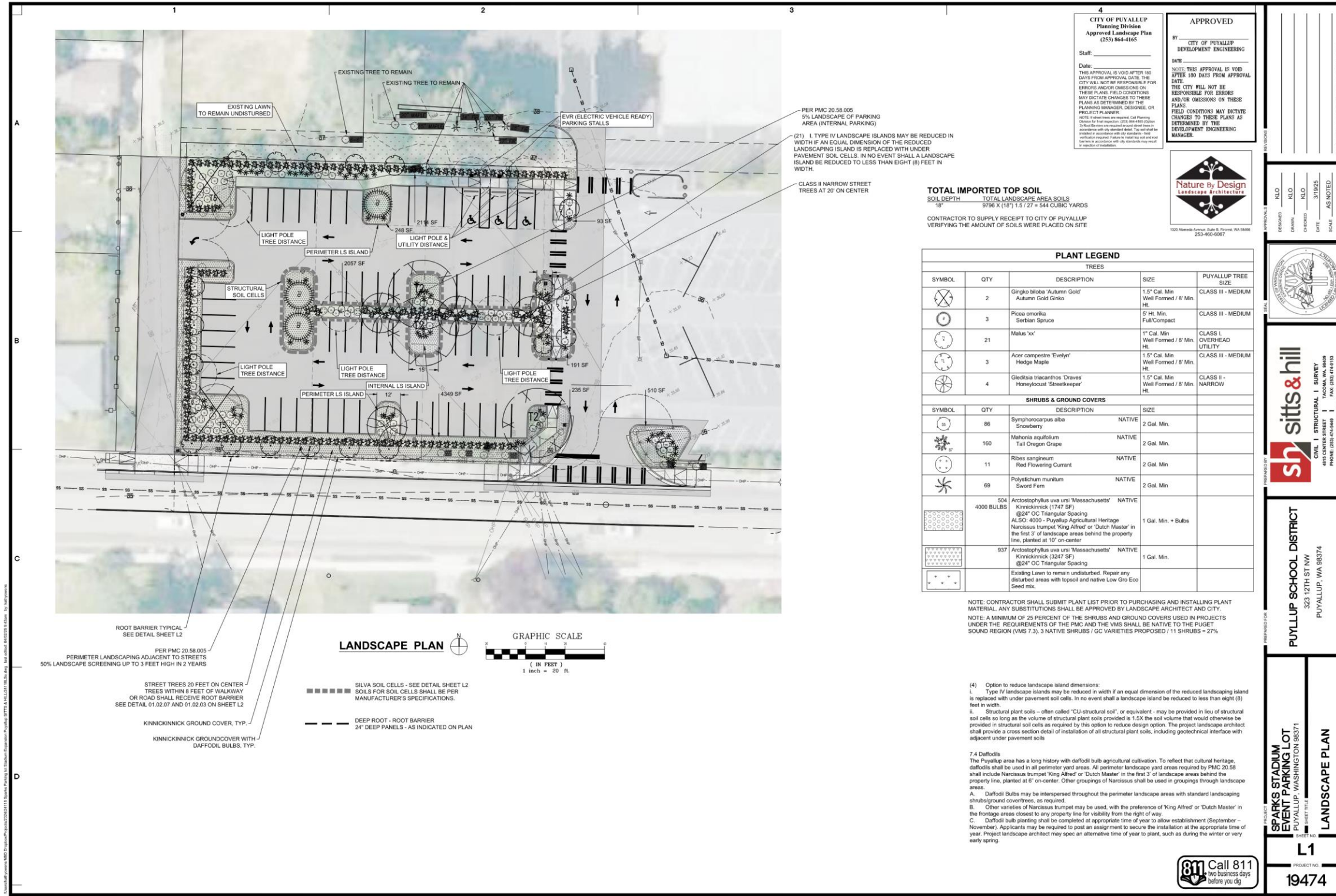
APPROVED
 BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE _____
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DESIGNED BY SAJ	CHECKED BY BOH	DATE 11/09/2021	SCALE AS NOTED
PREPARED BY PUYALLUP SCHOOL DISTRICT 323 12TH ST NW PUYALLUP, WA 98374 CONTACT: MR. LES GERTSMANN			
PROJECT SPARKS STADIUM EVENT PARKING LOT PUYALLUP, WASHINGTON 98371 SHEET NO. C3.5 GRADING DETAILS			
PROJECT NO. 19474			

NORTH
 HORIZONTAL SCALE: 1"=5'

811 Call 811
 Two Business Days
 before you dig

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



CITY OF PUYALLUP
Planning Division
Approved Landscape Plan
(25) 844-4165

Staff: _____

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 PLANNING MANAGER, DESIGNER, OR PROJECT PLANNER.

NOTE: If a tree is to be removed, Call Planning Division for tree removal (25) 844-4165.
2) That Barkham are required around street trees in accordance with city standards. Full maintenance required. Failure to comply may result in removal or replacement with city standards may result in replacement with city standards may result in replacement with city standards.



TOTAL IMPORTED TOP SOIL
SOIL DEPTH: 18"
TOTAL LANDSCAPE AREA SOILS:
9796 X (18") 1.5 / 27 = 544 CUBIC YARDS

CONTRACTOR TO SUPPLY RECEIPT TO CITY OF PUYALLUP VERIFYING THE AMOUNT OF SOILS WERE PLACED ON SITE

DESIGNED: KLO
DRAWN: KLO
CHECKED: KLO
DATE: 3/18/25
SCALE: AS NOTED

01.09.2025 CITY PERMIT SET SUBMITTAL

shitts & hill
CIVIL / STRUCTURAL / SURVEY
415 CENTER STREET | TACOMA, WA 98409
PHONE: (252) 333-1111 | WWW.SHITTSANDHILL.COM

PROJECT FOR: PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374

PROJECT NO.: 19474

SHEET NO.: L1

LANDSCAPE PLAN

811 Call 811
two business days
before you dig

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual

GENERAL LANDSCAPE NOTES

1. Contractor is responsible for obtaining all necessary permits from the appropriate agency prior to commencing work. Contractor shall contact Line Locations (811) a min. of 48 hours prior to any digging or trenching. If there are any discrepancies with existing lines and landscaping, it is the contractor's responsibility to contact the landscape architect and request a site visit to address the conflicts. Contractor shall comply and conform to any and all local and state codes for work, schedules and any other project related requirements.

2. Contractor shall coordinate directly with the landscape architect for all landscape related issues, concerns, inspections and approvals. Contractor shall provide the landscape architect with a written request for a site visit to address any related items.

3. Scope of work shall include any and all specified and unspecified but related incidental work to achieve the design indicated on the landscape plans. All labor, materials, subcontractors, equipment, and related incidental items shall be supplied and installed to achieve a complete project, unless directed otherwise by the general contractor or landscape architect.

4. Contractor to verify all sub grades are set below required amendments to insure the finished grade will match what is intended by civil or drainage design. All sub grades and finished or final grades shall be graded to drain to the designed drainage system with positive drainage away from all structures.

5. **Grade Preparation BASED ON VEGETATIVE MANGEMENT STANDARDS REQUIREMENTS:**
a. Slopes used for grass plantings or turf shall be less than 3:1 or 3:3 percent. Otherwise plantings should not require mechanized mowing equipment.

Soil Preparation

- Excavate soil - Excavate existing soil to a depth of 24" (or equal to the root ball depth, whichever is greater) and width of 8" (or three times (3X) wider than the root ball or root mass, whichever is greater). Stockpile excavated soil on a tarp away from the street and storm water catch basins.
- Prepare the planting strip - After excavating all materials from the planting strip, scarify and rip the sub-base (by mechanical means or hand tools) to a depth of 6" with multiple passes, 90 degrees to each prior to planting the tree, re-compact the tree base where the street tree will be planted to avoid settling of the root ball. At this stage, if the tree is to be planted when the planting strip is backfilled with amended top soil, the contractor/installer should measure the depth of the root ball to determine when to place the tree in the pit during the backfilling process. If the root ball or root mass (in the case of bare root trees) is less than 24", the street tree shall be planted in a manner in which the root flare is level with or at least 1" above grade at the time of finished planting. This may require the root ball to be placed on a compacted sub-base of the compost amended top soil as backfilling is occurring.
- Install root barrier panels - at this stage the contractor/installer shall place 24" deep root barrier panels (UB-24) along the edge of the sidewalk and curb line for a total of eight feet (8') of linear protection along either side of the planting area. The panels shall be installed perpendicular to the edge of paved surface in accordance with the manufacturer's standards for a 'linear' application; the root barrier panels shall not be installed in the planting pit as a 'surround' application, unless specified on the final landscape plans. The top of the root barrier panel shall be installed such that it is above the finished grade.
- Compost amended top soils required - The top soil shall be amended on site during installation with compost to achieve a 40 percent by volume top soil mix in the right-of-way planting strip. Imported top soil may be used by the contractor/installer if data 'cut sheets' are available from the supplier certifying compost amendment equating 40 percent by volume using one of the approved compost sources below. Compost shall only be sourced from:
Cascadia Compost - (also known as PREPILRI) (available through Pierce County Recycling, Composting & Disposal, 10306 Sales Tacoma, Washington 98465, or retail/wholesale landscape material suppliers)
Tagro Compost Mix - available through City of Tacoma, 2201 Portland Avenue, Gate 6, Tacoma, WA, 98421, or retail/wholesale landscape material suppliers)
Cedar Grove Compost - (available through Cedar Grove Compost, 17825 Cedar Grove Road S.E., Maple Valley, 98038, or retail/wholesale landscape material suppliers)
- Install and amend top soils - To avoid stratified layers, first place seven inches (7") of approved top soil in the prepared/scarified planting strip area and mechanically till in five inches (5") of approved compost, follow this procedure twice to achieve the total 24" top soil depth. Finished grade of top soil should be 1/2" below the edge of sidewalk to allow the root barrier panel to be properly installed above finished grade.
- Install tree stakes and finish mulch - Placement of four inches (4") of wood chip mulch, water basin rings, tree staking and temporary irrigation bags (where required) shall follow city standard #01.02.07.

- Mulching of Newly Planted or Replanted Areas.
In a planter strip which already exists and a new street tree shall be installed, the following procedures shall be followed to achieve a top soil mix with 40 percent compost by volume
 - Mulches must be applied to the following depths: a minimum 4 (four) inches over bare soil, and two inches where plant materials will cover.
 - Mulches must include organic materials, organic compost mulch material or wood chips over a properly cleaned, amended and graded surface.
 - Nonorganic materials, such as plastic sheeting, shall not be used in any area of the landscape because of down-slope erosion and potential soil contamination from herbicide washing.
 - Mulch should be applied regularly to and maintained in all planting areas to assist soils in retaining moisture, reducing weed growth, and minimizing erosion.

- Contractor shall field layout all plant material and contact the landscape architect for a site visit to approve the layout. Any field modifications shall be done by the landscape architect prior to planting.
- Contractor shall immediately notify the landscape architect of any poor drainage condition in landscape areas. No standing water shall be permitted in any landscape areas - either on the surface or below the topsoil. The landscape architect shall coordinate the drainage solution with the general contractor and civil engineer. Once the concerns have been remedied planting shall commence.
- All groundcover to be planted in a triangular spacing formation, equal in all directions to the centers of the groundcovers in distances indicated in the legend. Contractor shall verify all quantities of groundcovers by area calculations and spacing requirements.

- Landscaping is to be per plan. Plant substitutions due to availability or otherwise will be allowed only with landscape architect, owner and agency approval. Any substitutions will be with material of similar size, growth characteristics, and quality.
- All trees must be staked as necessary so as to maintain material in a healthy, vigorous growing condition.

- Landscaping shall be installed in a professional workmanlike manner that is consistent and accepted throughout the industry. All landscape and irrigation work shall be performed by experienced persons familiar with scope of project.
- All landscape material and labor is to be guaranteed for a period of one full year from the time of completion.

- When planting Balled and Burlapped product, remove all burlap, string & wire from any B&B plant material, cut and remove jute strings. Gently place in tact Rootball into planting pit. If rootball breaks or is not solid - the plant is unacceptable and shall be replaced.
- Street trees shall have caliper size of at least 1" measure per American Association of Nurserymen Standards for Deciduous Trees Plant sizes: 5" Minimum height for Evergreen trees, 2 Gal. Min. for shrubs.

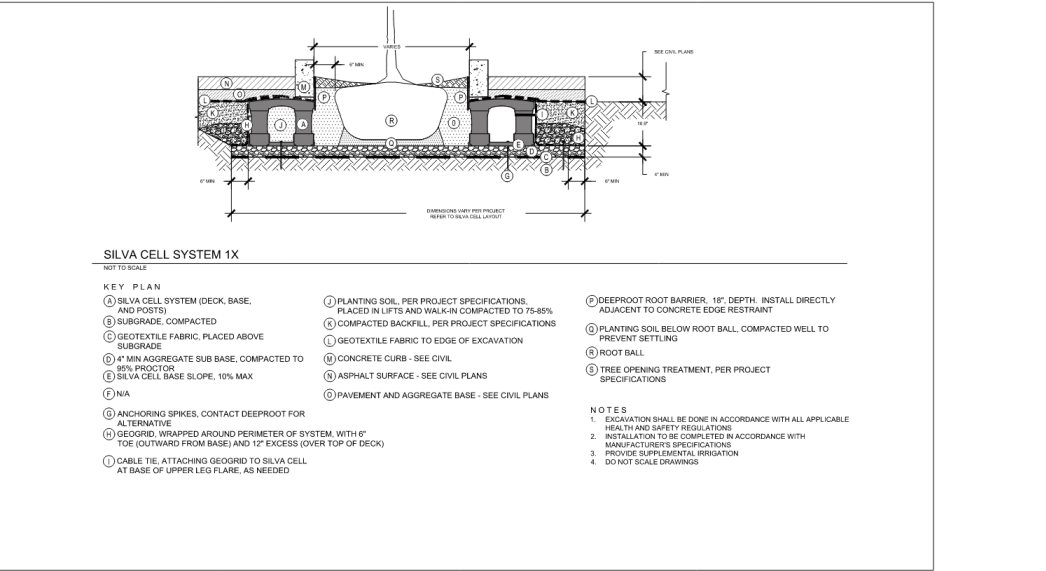
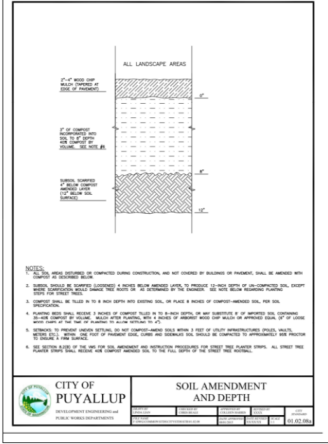
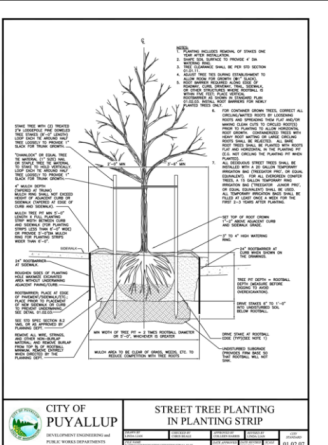
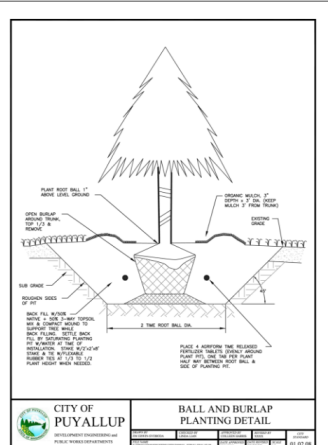
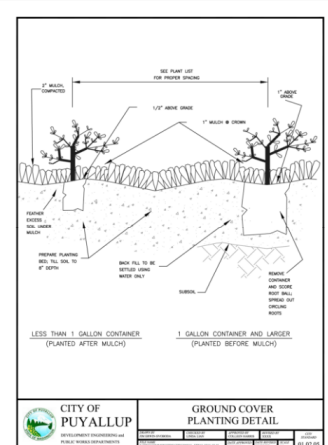
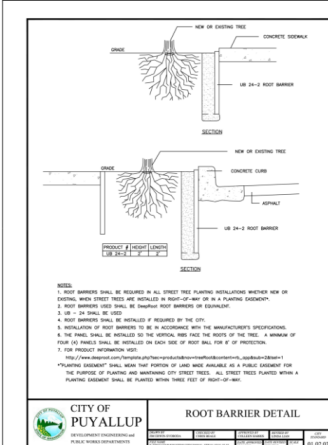
- Street trees shall be high branching with canopy that starts at least 6' above finish grade.
- All plant I.D. tags are to remain on the plant material until final inspection has been completed. Once approved all plant I.D. tags shall be removed and discarded appropriately.
- Trees shall be cared for in accordance with the American National Standards Institute (ANSI) standard practices for trees, shrubs and other woody plant maintenance (ANSI 300) in order to allow them to reach their mature height and form.

- Pruning of street trees shall be performed per the ANSI 300 standards so as to maintain the natural form of the tree, encourage vigorous growth to a mature spread and height, and avoid weakening the tree to create a hazard. Street trees shall not be topped, scaffolded, or otherwise pruned in a manner contrary to these goals, unless there is no practicable alternative that would preserve essential utility services.
- Plant material selected is drought tolerant or native species. The project proponent shall be responsible for maintaining and watering all plant material throughout the first growing season and in times of drought. A Permanent Irrigation system will be designed upon approval of preliminary landscape plan.

- All landscaping strips and islands internal to the site as paved areas/parking lots shall be designed and installed using a minimum of 1.5 (18) of top soil depth. Subsoils below the topsoil layer shall be scarified at least 6 inches with some incorporation of the upper material to avoid stratified layers.

- A minimum of eight (8) inches of top soil, containing ten percent dry weight in planting beds, and 5% organic matter content in turf areas, and a pH from 6.0 to 8.0 or matching the pH of the original undisturbed soil. The topsoil layer shall have a minimum depth of eight (8) inches except where tree roots limit the depth of incorporation of amendments needed to meet the criteria. Subsoils below the topsoil layer should be scarified at least six (6) inches with some incorporation of the upper material to avoid the stratified layers, where feasible. Installation of the eight (8) inches of top soil, as described above, shall generally be achieved by placing five (5) (sub-base scarified four (4) inches) with a three (3) inch layer of compost tilled into the entire depth.
- Landscaping installed as a part of an approved final landscape plan shall be maintained as to achieve the intended purpose of the landscaping, shall be free of all weeds and invasive plants and shall be free of herbicide. No landscaping approved and installed under a final landscape plan may be modified, removed or otherwise substantially altered without prior approval from the director or designee through a revised final landscape plan. This shall not be construed to apply to normal maintenance activities, in accordance with ANSI A300 - Tree, Shrub, and Other Woody Plant Maintenance - Standard Practices.

- Fertilizer Tablets: Apply 1 per gallon of plant size: 5 per 1.5" cal. tree and 6" tree.
AgriLom: 20-10-5 long lasting planting fertilizer tablet with micron. An excellent way to ensure tree crops have a good start. Easy way to feed newly planted trees, shrubs and container plants. Contains the necessary nutrients to feed your plants for up to 2 years. These tablets break down slowly through the action of soil bacteria which converts the tablet nitrogen to forms that can be absorbed by plant roots. Tablets provide consistent nutrition to plants. Tablets contain micronutrients derived from sulfates which are generally more plant available than those derived from oxides. Contains 500 tablets of 21-gram each



CITY OF PUYALLUP
Planning Division
Approved Landscape Plan
(353) 864-4165

Staff: _____

APPROVED

BY: **CITY OF PUYALLUP**
DEVELOPMENT ENGINEERING

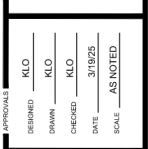
DATE: _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS ON THESE PLANS AS DETERMINED BY THE PLANNING MANAGER, DESIGNER, OR PROJECT PLANNER.

NOTE: Field Notes are required. Call Planning Director for the location: (353) 864-4165. Copies of Field Notes are to be provided upon request. Field notes shall be maintained in accordance with city standards. Field notes shall be submitted to the Planning Manager and approved before any construction begins. Any changes to the plans shall be approved by the Planning Manager.



DESIGNED: KLO
DRAWN: KLO
CHECKED: KLO
DATE: 3/19/25
SCALE: AS NOTED



sh sits & hill
STRUCTURAL | SURVEY
4600 COLLEGE BLVD. SUITE 100
PUYALLUP, WA 98448
PHONE: (253) 874-8489 | FAX: (253) 874-8155
http://www.shsitsandhill.com

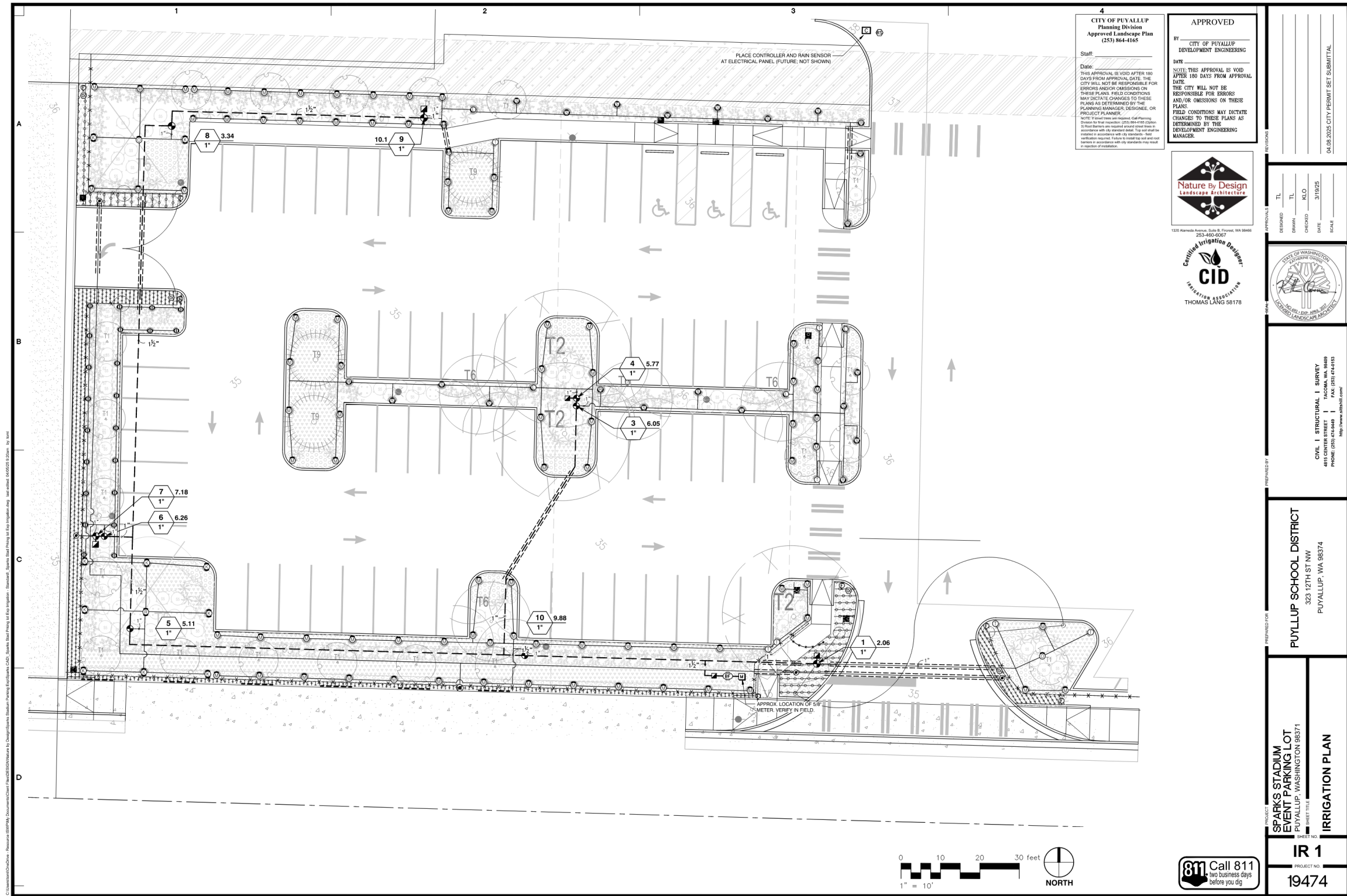
PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374

LANDSCAPE NOTES & DETAILS

L2
PROJECT NO. 19474



Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



4
 CITY OF PUYALLUP
 Planning Division
 Approved Landscape Plan
 (253) 864-4165

Staff:

Date:

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NOTE: If you have any questions, call Planning at (253) 864-4165. If you have any requests, call the City Engineer at (253) 864-4165. If you have any requests, call the City Engineer at (253) 864-4165. If you have any requests, call the City Engineer at (253) 864-4165.

APPROVED

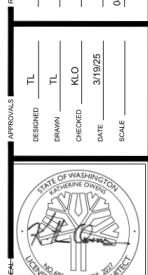
BY: CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING

DATE: _____

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DESIGNED	TL	TL	KL	KL
DRAWN	TL	KL	KL	KL
CHECKED	KL	KL	KL	KL
DATE	3/19/25			
SCALE				



CIVIL | STRUCTURAL | SURVEY
 4815 CENTER STREET | TACOMA, WA 98409
 PHONE: (253) 864-4165 | WWW.NATUREBYDESIGN.COM

PREPARED FOR:
PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374

PROJECT:
**SPARKS STADIUM
 EVENT PARKING LOT**
 PUYALLUP, WASHINGTON 98371

SHEET TITLE:
IRRIGATION PLAN

PROJECT NO:
IR 1
 19474



Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual

1 DCVA IN VALVE BOX
NTS 328409.46-01

2 QUICK COUPLING VALVE IN BOX
1 1/2" = 1'-0" FX-IR-FX-QUIC-03

3 ICV 1" GLOBE VALVE WITH ISOLATION VALVE
1 1/2" = 1'-0" 328408.13-03

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	Hunter ICV-G	1"	Shrub Rotary	2.06	32.2	38.0	0.57 in/h
3	Hunter ICV-G	1"	Shrub Rotary	6.05	32.9	40.7	0.89 in/h
4	Hunter ICV-G	1"	Shrub Rotary	5.77	32.7	40.4	0.4 in/h
5	Hunter ICV-G	1"	Shrub Rotary	5.11	32.5	39.3	0.46 in/h
6	Hunter ICV-G	1"	Shrub Rotary	6.26	32.7	40.1	0.91 in/h
7	Hunter ICV-G w/HY-075 Filter	1"	Area for Dripline	7.18	28.2	35.1	0.64 in/h
8	Hunter ICV-G	1"	Shrub Rotary	3.34	32.3	38.4	0.48 in/h
9	Hunter ICV-G	1"	Shrub Rotary	10.12	33.2	43.8	0.71 in/h
10	Hunter ICV-G	1"	Shrub Rotary	9.88	33.1	42.4	0.49 in/h

NOTES

- THIS PLAN IS DIAGRAMMATIC ONLY AND SUBJECT TO CHANGE. VERIFY ALL DIMENSIONS AND ELEVATIONS IN FIELD. ADJUST EQUIPMENT LAYOUT TO SUIT FIELD CONDITIONS AND SITE CONSTRAINTS.
- EQUIPMENT SHOWN IN PAVED AREAS OR OUTSIDE PROJECT LIMITS IS FOR GRAPHIC CLARITY ONLY. INSTALL IN LANDSCAPED AREA. DO NOT WILLFULLY INSTALL EQUIPMENT UNDER PAVEMENT OR OUTSIDE PROJECT LIMITS.
- COORDINATE VALVE BOX LOCATIONS WITH THE PLANTING PLAN. AVOID DISPLACING PLANTS AS MUCH AS POSSIBLE. CONCEAL FROM DIRECT VIEW WHERE POSSIBLE.
- ALL SLEEVES TO BE 2X THE SIZE OF THE INTERIOR PIPE. A LARGER SLEEVE MAY BE USED IN PLACE OF TWO OR MORE SMALLER SLEEVES. PROVIDED THE SLEEVE DIAMETER IS 2X THAT OF THE TOTAL INTERIOR PIPE DIAMETERS.
- PLACE CONTROL WIRE IN SEPARATE SLEEVE.
- DESIGN ASSUMPTIONS: 10.2 GPM AT 50 PSI STATIC PRESSURE AT THE METER. PRESSURE PER CITY OF PUYALLUP WATER DIVISION AND PUYALLUP SCHOOL DISTRICT GROUNDS CREW. VERIFY IN FIELD.
- NOTE THE MINIMUM LATERAL PIPE SIZE OF 1" AND MAIN LINE SIZE OF 1-1/2". TO REDUCE FRICTION LOSS.
- COVER DEPTH: MAIN LINE, 18" LATERALS, INCLUDING DRIP LINE HEADERS, 12" DRIP TUBING, 6" INCLUDING 4" OF SOIL AND 2" OF SETTLED MULCH LAYER. SLEEVES: 18" UNDER WALKWAYS AND 24" UNDER VEHICULAR AREAS.
- DRIP HEADERS: FIELD-ASSEMBLED PVC, OR RAIN BIRD OF DRIP LINE HEADER OF THE APPROPRIATE SIZE AND CONFIGURATION MAY BE USED. SIZE PER PLANS. BLANK 1/2" TUBING MAY BE USED IN AREAS WITH FLOWS OF LESS THAN 5 GPM.
- PIPES MAY SHARE TRENCHES. PROVIDE 6" VERTICAL AND 4" LATERAL CLEARANCE BETWEEN PIPES.
- THIS SYSTEM QUALIFIES FOR HUNTER IRRIGATIONS ENHANCED 5 YEAR WARRANTY AND THE EPA'S WaterSense CERTIFICATION. CONTACT DANIEL MOTYLEWSKI AT 503-504-6909 FOR DETAILS.
- NO EQUIPMENT SUBSTITUTIONS WITHOUT PRIOR WRITTEN APPROVAL.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
○	Hunter MP Corner PROS-12-PRS30-CV Shrub Rotator, 12in. pop-up with factory installed check valve, pressure regulated to 30 psi, MP Rotator nozzle, T-Turquoise adj arc 45-105 on PRS30 body.
○	Hunter MP Strip PROS-12-PRS30-CV Shrub Rotator, 12in. pop-up with factory installed check valve, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body, LCS-Ivory left strip, SS-Brown side strip, RCS-Copper right strip.
○	Hunter MP1000 PROS-12-PRS30-CV Shrub Rotator, 12in. pop-up with check valve, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. M-Maron adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.
○	Hunter MP2000 PROS-12-PRS30-CV Shrub Rotator, 12in. pop-up with factory installed check valve, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.
○	Hunter MP800SR PROS-12-PRS30-CV Shrub Rotator, 12in. pop-up with check valve, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. ADJ=Orange and Gray (arc 90-210), 360=Lime Green and Gray (arc 360)
○	Hunter PLD-BV Manual flush/shut off valve, barbed insert. Typically installed in 10in. box, with adequate blank tubing to extend valve out of valve box. Use with HDL or other 3/4in. dripline.
○	Hunter ECO-ID ECO-ID: 1/2in. FPT connection with 12 psi-70 psi operating pressure. Specify with Hunter SJ swing joint.
○	Area to Receive Dripline HDL-04-12-CV HDL-04-12-CV: Hunter Dripline w/ 0.4 GPH emitters at 12" O.C. Check valve, dark brown tubing with tan striping. Dripline laterals spaced at 12" apart, with emitters offset for triangular pattern. Install with Hunter PLD barbed or PLD LOC fittings.
○	Hunter ICV-G 1in., 1-1/2in., 2in., and 3in. Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet for Commercial/Municipal Use.
○	Hunter ICV-G w/HY-075 Filter 1in., 1-1/2in., 2in., and 3in. Plastic Electric Remote Control Valves, With non-pressure regulating Hunter HY-075 filter.
○	Hunter HQ-44-LRC Quick coupler valve, yellow rubber locking cover, red brass and stainless steel, with 1in. NPT inlet, 2-piece body.
○	Zum 950XLT 1" Double Check Valve Assembly Controller
○	Hunter WR-CLK Rain Sensor, install within 1000 ft of controller, in line of sight, 22-28 VAC/VDC 100 mA power from timer transformer. Mount as noted.
○	Water Meter 5/8" 5/8" Water Meter
○	Irrigation Lateral Line: PVC Class 200 SDR 21
○	Irrigation Mainline: PVC Schedule 40
○	Pipe Sleeve: PVC Class 200 SDR 21

4 CONTROL VALVE WITH FILTER
NTS 328413.76-01

5 PROS-12 SPRAY HEAD WITH PRO-FLEX TUBING
NTS 328403.29-03

APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING

DATE: _____

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1000 North Tacoma, Suite B, Puyallup, WA 98409
253-460-6067

Nature By Design
Landscape Architecture

1000 North Tacoma, Suite B, Puyallup, WA 98409
253-460-6067

CID
Certified Irrigation Designer
IRRIGATION ASSOCIATION
THOMAS LANG 58178

DESIGNED: TL
DRAWN: RLO
CHECKED: J19/25
DATE: 3/19/25
SCALE: _____

APPROVED FOR: _____

PREPARED BY: _____

PROJECT: SPARKS STADIUM EVENT PARKING LOT
PUYALLUP, WASHINGTON 98371

323 12TH ST NW
PUYALLUP, WA 98374

IR 2
PROJECT NO: 19474

811 Call 811
two business days before you dig

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual

LEGEND:

- 1 ECO INDICATOR - ECOID
- 2 LATERAL PIPE PER PLAN
- 3 FPT CONNECTION FROM LATERAL
- 4 BARB ELBOW
- 5 FLEX TUBING
- 6 FINISHED GRADE IN TURF
- 7 ADJACENT MULCH
- 8 FINISHED GRADE IN PLANTER BED
- 9 MARLEX STREET ELBOW

NOTE: INDICATOR BODY CAN BE MAX 1" ABOVE FINISH (NOT INCLUDING MULCH IN HW)

TYPICAL 1/2" DRIP TUBING DEPTH PER SPECIFICATIONS.

4 CITY OF PUYALLUP Planning Division Approved Landscape Plan (253) 864-4165

APPROVED BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING

DATE: _____

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NOTE: If a permit is required, Call Planning Division at (253) 864-4165. If a permit is not required, Call Public Works at (253) 864-4165. All work must be completed in accordance with the approved plans. The City will not be responsible for any damage to property or injury to persons or animals resulting from the installation of the irrigation system.

Nature By Design Landscape Architecture
1200 Maranda Avenue, Suite B, Puyallup, WA 98449
253-860-6067

CID Irrigation Association
THOMAS LANG 58178

1 HUNTER ECO-INDICATOR
NTS 328413-01

2 DRIP LINE TRANSITION FROM PVC RISER
NTS 328413-46-03

3 DRIP FLUSH VALVE-SUBSURFACE
NTS 328413-49-01

4 TYPICAL HUNTER HDL DRIP LINE REQUIREMENTS
NTS 328413-56-01

HDL MAXIMUM LENGTH OF SINGLE LATERAL (FEET)

DRIPPER SPACING	12"				18"				24"			
	0.26	0.4	0.6	0.9	0.26	0.4	0.6	0.9	0.26	0.4	0.6	0.9
DRIPPER FLOW RATE (GPH)	15	127	109	86	65	177	151	120	91	152	116	86
HEAD LOSS (PSI)	25	427	325	256	194	604	459	361	274	458	348	266
APPLICATION RATE (IN/HR)	35	539	409	322	244	763	579	456	346	580	440	336
TIME TO APPLY 1/4"	45	618	469	369	280	877	664	523	397	666	506	386

PLD FLOW PER 100 FEET

DRIPPER SPACING	0.26 GPH DRIPPER	0.4 GPH DRIPPER	0.6 GPH DRIPPER	0.9 GPH DRIPPER
12"	26.40	0.44	40.00	0.67
18"	17.58	0.29	26.67	0.44
24"	N/A	N/A	N/A	N/A

SUPPLY AND EXHAUST HEADER SIZING CHART (UNLESS NOTED ON PLANS)

STEP 1: ADD LENGTH OF ALL HDL LATERAL TUBING CONNECTED TO THE HEADER.
STEP 2: DIVIDE THIS TOTAL LENGTH BY 100 TO INDICATE THE LENGTH IN UNITS OF 100.
STEP 3: LOCATE THE GPM THAT APPLIES FOR EACH UNIT OF 100 FEET LENGTH ON THE CHART "HDL FLOW PER 100 FEET". MULTIPLY THIS GPM NUMBER TIMES THE UNITS OF 100 FEET FOR THE TOTAL GPM AT THIS HEADER.
STEP 4: SIZE THE HEADER WITH THE FOLLOWING:
1 TO 6 GPM: 1/2" HEADER
7 TO 10 GPM: 3/4" HEADER
11 TO 20 GPM: 1" HEADER
21 TO 30 GPM: 1 1/4" HEADER

HDL GENERAL GUIDELINES FOR WATERING TIME

DRIPPER FLOW (GPH)	TURF			SHRUB & GROUND COVER		
	CLAY	LOAM	SANDY	CLAY	LOAM	SANDY
0.26	0.4	0.6	0.26	0.4	0.6	0.6
DRIPPER INTERVAL	18"	12"	12"	18"	18"	12"
LATERAL (ROW) SPACING	18"-22"	18"-22"	12"-16"	18"-24"	18"-24"	16"-20"
APPLICATION RATE (IN/HR)	.19-.0.15	.43-.35	.96-.72	.19-.21	.29-.21	.72-.58
TIME TO APPLY 1/4"	79-100	35-43	16-21	79-107	52-71	21-26

IRRIGATION LAYOUTS: ISLAND LAYOUT, IRREGULAR ODD CURVES, BRANCHING OUT LATERALS, JOINING LATERALS, SLOPE FEED LAYOUT.

PARKING ISLAND TYPICAL LAYOUT: Shows top of slope, manual line flushing valve, PVC supply header, PVC exhaust header, toe of slope, bottom 1/3 of slope, remote control valve assembly.

5 CONTROLLER WALL MOUNT, INTERIOR/EXTERIOR
NTS 328409-83-01

6 HUNTER WR-CLIK WIRELESS RAIN SENSOR
NTS 328409-76-02

7 TRENCHING DETAIL
1" = 1" 328409-76-02

8 SLEEVE AT ROAD
NTS 328409-76-01

811 Call 811 before you dig

APPROVED BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING

DATE: _____

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Nature By Design Landscape Architecture
1200 Maranda Avenue, Suite B, Puyallup, WA 98449
253-860-6067

CID Irrigation Association
THOMAS LANG 58178

DESIGNED: _____
DRAWN: _____
CHECKED: _____
DATE: _____
SCALE: _____

DATE: 04.08.2025 CITY PERMIT SET SUBMITTAL

PROJECT: PUYALLUP SCHOOL DISTRICT
323 12TH ST NW
PUYALLUP, WA 98374

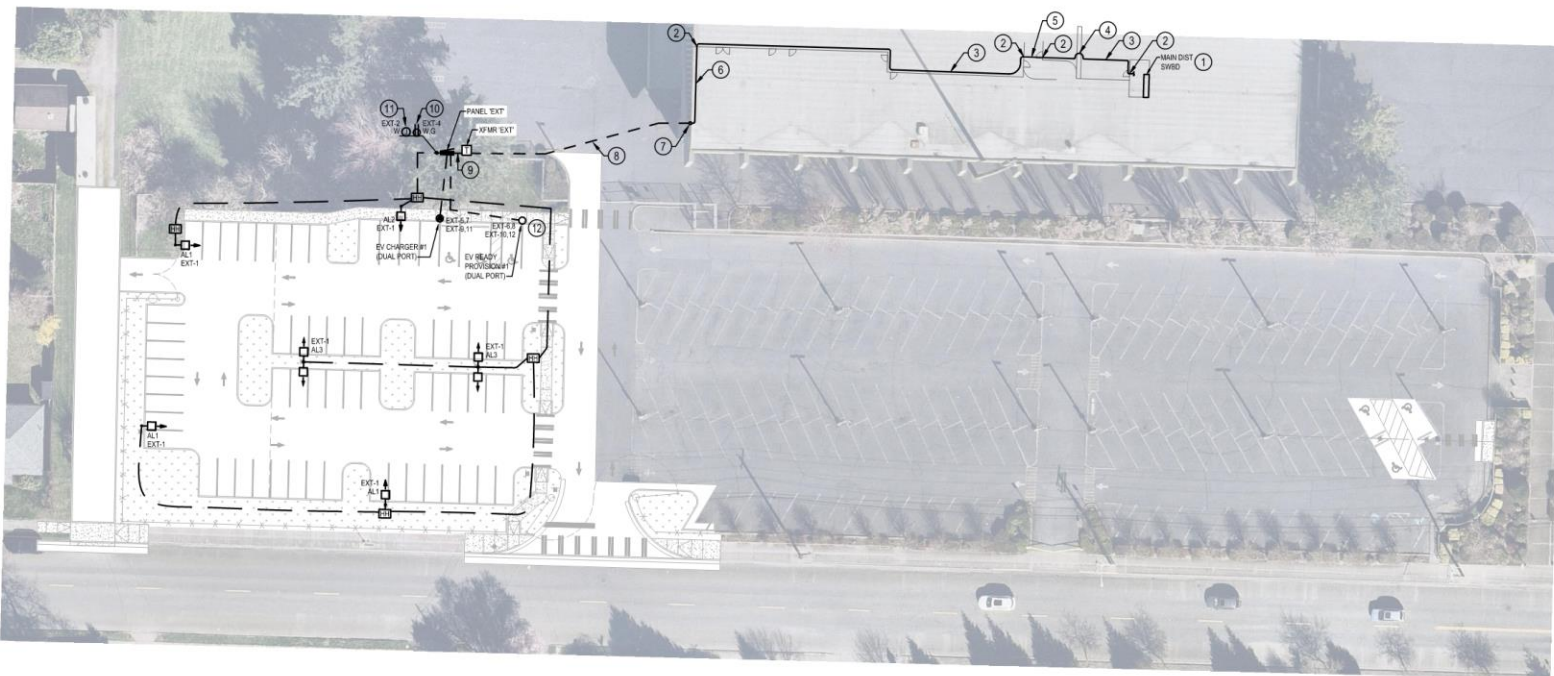
SHEET TITLE: IRRIGATION DETAILS

SHEET NO: IR 3
PROJECT NO: 19474

Puyallup School District
Sparks Stadium Parking Lot Expansion
Operation & Maintenance Manual



VICINITY MAP
SCALE: N.T.S.



EVENT PARKING LAYOUT DESIGN OPTION 6 - ELECTRICAL
SCALE: 1"=30'

GENERAL NOTES

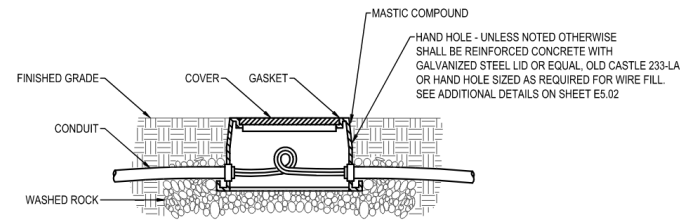
- REFER TO SHEET E-601 FOR ONE-LINE DIAGRAM.
- ALL AREA LIGHTING TO BE FED FROM EXTERIOR PANEL BY UNDERGROUND 1" CONDUIT WITH (3) #10 CU AND (1) #10 GND.
- PROVIDE TIME AND MATERIALS FOR A MINIMUM OF TWO SITE VISIT TRIPS TO INTEGRATE NEW LIGHTS WITH EXISTING SYNAPSE WIRELESS LIGHTING CONTROL SYSTEM. PROVIDE ALL PROGRAMMING AS REQUIRED FOR NEW LIGHTS TO OPERATE THE SAME AS THE EXISTING LIGHTS.

CONSTRUCTION NOTES

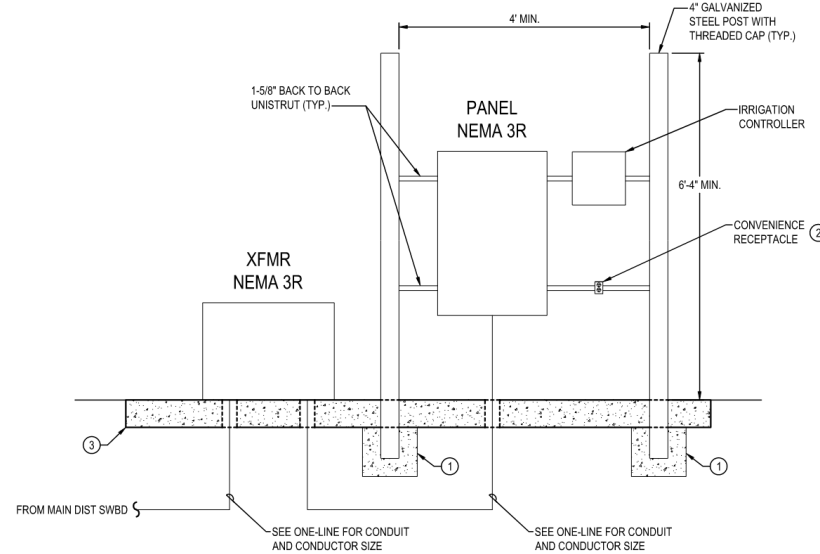
- PROVIDE CONDUIT AND CONDUCTORS FROM EXISTING 100A BREAKER IN EXISTING SWITCHBOARD TO NEW PAD-MOUNTED EXTERIOR TRANSFORMER.
- PROVIDE CORE-DRILL PENETRATION. CONTRACTOR SHALL SITE-VERIFY AND ENSURE FEASIBILITY OF PROPOSED CORE DRILL LOCATION PRIOR TO MAKING CORE DRILL PENETRATION.
- TRAPEZE-MOUNT SUSPEND AND/OR SURFACE-MOUNT CONDUIT TO EXISTING WALLS/STRUCTURE AS REQUIRED.
- ROUTE CONDUIT AROUND CONCRETE BEAM.
- ROUTE CONDUIT ABOVE CORRIDOR CEILING.
- ROUTE CONDUIT IN INTERSTITIAL SPACE.
- PROVIDE WATER-TIGHT CORE-DRILL PENETRATION TO BUILDING EXTERIOR.
- ROUTE CONDUIT UNDERGROUND.
- PROVIDE CONDUIT AND CONDUCTORS FROM NEW PAD-MOUNTED EXTERIOR TRANSFORMER TO NEW EXTERIOR PANEL. REFER TO DETAIL 2 ON SHEET E-501.
- PROVIDE CONVENIENCE RECEPTACLE ON UNISTRUT RACK. REFER TO DETAIL 2 ON SHEET E-501.
- PROVIDE POWER CONNECTION FOR IRRIGATION CONTROLLER ON UNISTRUT RACK. REFER TO DETAIL 2 ON SHEET E-501.
- EV (ELECTRIC VEHICLE) READY PROVISION. PROVIDE CONDUIT, WIRE AND (2) WEATHERPROOF GFCI RECEPTACLES WITH IN-USE WEATHERPROOF COVERS ON A 4" (DIAG.) GALVANIZED METAL POST.

LOAD	CIRCUIT DIRECTORY	3 PH 4 WIRE VOLTAGE: 208Y/120V			200 MCB			LOAD	TYPE
		NO.	P	AMP	A	B	C		
1	322 LYS PARKING	1	20	422	1	20	4	100	BT
2	322A EV CHARGER #1 - PORT 1	1	20	422	1	20	4	100	BT
3	322B EV CHARGER #1 - PORT 2	1	20	422	1	20	4	100	BT
4	322C EV CHARGER #2 - PORT 1	1	20	422	1	20	4	100	BT
5	322D EV CHARGER #2 - PORT 2	1	20	422	1	20	4	100	BT
6	322E LYS PARKING LOT	1	20	422	1	20	4	100	BT
7	322F LYS PARKING LOT	1	20	422	1	20	4	100	BT
8	322G LYS PARKING LOT	1	20	422	1	20	4	100	BT
9	322H LYS PARKING LOT	1	20	422	1	20	4	100	BT
10	322I LYS PARKING LOT	1	20	422	1	20	4	100	BT
11	322J LYS PARKING LOT	1	20	422	1	20	4	100	BT
12	322K LYS PARKING LOT	1	20	422	1	20	4	100	BT
13	322L LYS PARKING LOT	1	20	422	1	20	4	100	BT
14	322M LYS PARKING LOT	1	20	422	1	20	4	100	BT
15	322N LYS PARKING LOT	1	20	422	1	20	4	100	BT
16	322O LYS PARKING LOT	1	20	422	1	20	4	100	BT
17	322P LYS PARKING LOT	1	20	422	1	20	4	100	BT
18	322Q LYS PARKING LOT	1	20	422	1	20	4	100	BT
19	322R LYS PARKING LOT	1	20	422	1	20	4	100	BT
20	322S LYS PARKING LOT	1	20	422	1	20	4	100	BT
21	322T LYS PARKING LOT	1	20	422	1	20	4	100	BT
22	322U LYS PARKING LOT	1	20	422	1	20	4	100	BT
23	322V LYS PARKING LOT	1	20	422	1	20	4	100	BT
24	322W LYS PARKING LOT	1	20	422	1	20	4	100	BT
25	322X LYS PARKING LOT	1	20	422	1	20	4	100	BT
26	322Y LYS PARKING LOT	1	20	422	1	20	4	100	BT
27	322Z LYS PARKING LOT	1	20	422	1	20	4	100	BT
28	322AA LYS PARKING LOT	1	20	422	1	20	4	100	BT
29	322AB LYS PARKING LOT	1	20	422	1	20	4	100	BT
30	322AC LYS PARKING LOT	1	20	422	1	20	4	100	BT
31	322AD LYS PARKING LOT	1	20	422	1	20	4	100	BT
32	322AE LYS PARKING LOT	1	20	422	1	20	4	100	BT
33	322AF LYS PARKING LOT	1	20	422	1	20	4	100	BT
34	322AG LYS PARKING LOT	1	20	422	1	20	4	100	BT
35	322AH LYS PARKING LOT	1	20	422	1	20	4	100	BT
36	322AI LYS PARKING LOT	1	20	422	1	20	4	100	BT
37	322AJ LYS PARKING LOT	1	20	422	1	20	4	100	BT
38	322AK LYS PARKING LOT	1	20	422	1	20	4	100	BT
39	322AL LYS PARKING LOT	1	20	422	1	20	4	100	BT
40	322AM LYS PARKING LOT	1	20	422	1	20	4	100	BT
41	322AN LYS PARKING LOT	1	20	422	1	20	4	100	BT
42	322AO LYS PARKING LOT	1	20	422	1	20	4	100	BT
43	322AP LYS PARKING LOT	1	20	422	1	20	4	100	BT
44	322AQ LYS PARKING LOT	1	20	422	1	20	4	100	BT
45	322AR LYS PARKING LOT	1	20	422	1	20	4	100	BT
46	322AS LYS PARKING LOT	1	20	422	1	20	4	100	BT
47	322AT LYS PARKING LOT	1	20	422	1	20	4	100	BT
48	322AU LYS PARKING LOT	1	20	422	1	20	4	100	BT
49	322AV LYS PARKING LOT	1	20	422	1	20	4	100	BT
50	322AW LYS PARKING LOT	1	20	422	1	20	4	100	BT
51	322AX LYS PARKING LOT	1	20	422	1	20	4	100	BT
52	322AY LYS PARKING LOT	1	20	422	1	20	4	100	BT
53	322AZ LYS PARKING LOT	1	20	422	1	20	4	100	BT
54	322BA LYS PARKING LOT	1	20	422	1	20	4	100	BT
55	322BB LYS PARKING LOT	1	20	422	1	20	4	100	BT
56	322BC LYS PARKING LOT	1	20	422	1	20	4	100	BT
57	322BD LYS PARKING LOT	1	20	422	1	20	4	100	BT
58	322BE LYS PARKING LOT	1	20	422	1	20	4	100	BT
59	322BF LYS PARKING LOT	1	20	422	1	20	4	100	BT
60	322BG LYS PARKING LOT	1	20	422	1	20	4	100	BT
61	322BH LYS PARKING LOT	1	20	422	1	20	4	100	BT
62	322BI LYS PARKING LOT	1	20	422	1	20	4	100	BT
63	322BJ LYS PARKING LOT	1	20	422	1	20	4	100	BT
64	322BK LYS PARKING LOT	1	20	422	1	20	4	100	BT
65	322BL LYS PARKING LOT	1	20	422	1	20	4	100	BT
66	322BM LYS PARKING LOT	1	20	422	1	20	4	100	BT
67	322BN LYS PARKING LOT	1	20	422	1	20	4	100	BT
68	322BO LYS PARKING LOT	1	20	422	1	20	4	100	BT
69	322BP LYS PARKING LOT	1	20	422	1	20	4	100	BT
70	322BQ LYS PARKING LOT	1	20	422	1	20	4	100	BT
71	322BR LYS PARKING LOT	1	20	422	1	20	4	100	BT
72	322BS LYS PARKING LOT	1	20	422	1	20	4	100	BT
73	322BT LYS PARKING LOT	1	20	422	1	20	4	100	BT
74	322BU LYS PARKING LOT	1	20	422	1	20	4	100	BT
75	322BV LYS PARKING LOT	1	20	422	1	20	4	100	BT
76	322BW LYS PARKING LOT	1	20	422	1	20	4	100	BT
77	322BX LYS PARKING LOT	1	20	422	1	20	4	100	BT
78	322BY LYS PARKING LOT	1	20	422	1	20	4	100	BT
79	322BZ LYS PARKING LOT	1	20	422	1	20	4	100	BT
80	322CA LYS PARKING LOT	1	20	422	1	20	4	100	BT
81	322CB LYS PARKING LOT	1	20	422	1	20	4	100	BT
82	322CC LYS PARKING LOT	1	20	422	1	20	4	100	BT
83	322CD LYS PARKING LOT	1	20	422	1	20	4	100	BT
84	322CE LYS PARKING LOT	1	20	422	1	20	4	100	BT
85	322CF LYS PARKING LOT	1	20	422	1	20	4	100	BT
86	322CG LYS PARKING LOT	1	20	422	1	20	4	100	BT
87	322CH LYS PARKING LOT	1	20	422	1	20	4	100	BT
88	322CI LYS PARKING LOT	1	20	422	1	20	4	100	BT
89	322CJ LYS PARKING LOT	1	20	422	1	20	4	100	BT
90	322CK LYS PARKING LOT	1	20	422	1	20	4	100	BT
91	322CL LYS PARKING LOT	1	20	422	1	20	4	100	BT
92	322CM LYS PARKING LOT	1	20	422	1	20	4	100	BT
93	322CN LYS PARKING LOT	1	20	422	1	20	4	100	BT
94	322CO LYS PARKING LOT	1	20	422	1	20	4	100	BT
95	322CP LYS PARKING LOT	1	20	422	1	20	4	100	BT
96	322CQ LYS PARKING LOT	1	20	422	1	20	4	100	BT
97	322CR LYS PARKING LOT	1	20	422	1	20	4	100	BT
98	322CS LYS PARKING LOT	1	20	422	1	20	4	100	BT
99	322CT LYS PARKING LOT	1	20	422	1	20	4	100	BT
100	322CU LYS PARKING LOT	1	20	422	1	20	4	100	BT
101	322CV LYS PARKING LOT	1	20	422	1	20	4	100	BT
102	322CW LYS PARKING LOT	1	20	422	1	20	4	100	BT
103	322CX LYS PARKING LOT	1	20	422	1	20	4	100	BT
104	322CY LYS PARKING LOT	1	20	422	1	20	4	100	BT
105	322CZ LYS PARKING LOT	1	20	422	1	20	4	100	BT
106	322DA LYS PARKING LOT	1	20	422	1	20	4	100	BT
107	322DB LYS PARKING LOT	1	20	422	1	20	4	100	BT
108	322DC LYS PARKING LOT	1	20	422	1	20	4	100	BT
109	322DD LYS PARKING LOT	1	20	422	1	20	4	100	BT
110	322DE LYS PARKING LOT	1	20	422	1	20	4	100	BT
111	322DF LYS PARKING LOT	1	20	422	1	20	4	100	BT
112	322DG LYS PARKING LOT	1	20	422	1	20	4	100	BT
113	322DH LYS PARKING LOT	1	20	422	1	20	4	100	BT
114	322DI LYS PARKING LOT	1	20	422	1	20	4	100	BT
115	322DJ LYS PARKING LOT	1	20	422	1	20	4	100	BT
116	322DK LYS PARKING LOT	1	20	422	1	20	4	100	BT
117	322DL LYS PARKING LOT	1	20	422	1	20	4	100	BT
118	322DM LYS PARKING LOT	1	20	422	1	20	4	100	BT
119	322DN LYS PARKING LOT	1	20	422	1	20	4	100	BT
120	322DO LYS PARKING LOT	1	20	422	1	20	4	100	BT
121	322DP LYS PARKING LOT	1	20	422	1	20	4	100	BT
122	322DQ LYS PARKING LOT								

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual



1 HANDHOLE/PULLBOX INSTALLATION DETAIL
 SCALE: NOT TO SCALE

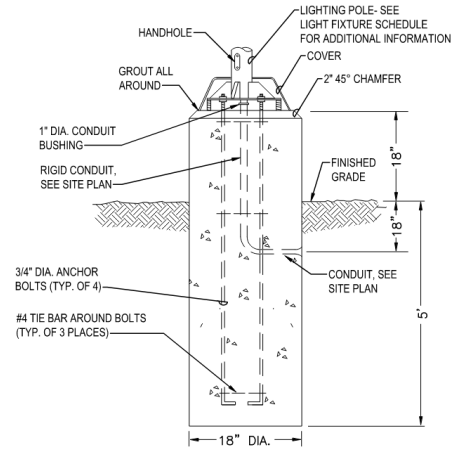


2 ATS PAD DETAIL (SIDE DETAIL)
 SCALE: NOT TO SCALE

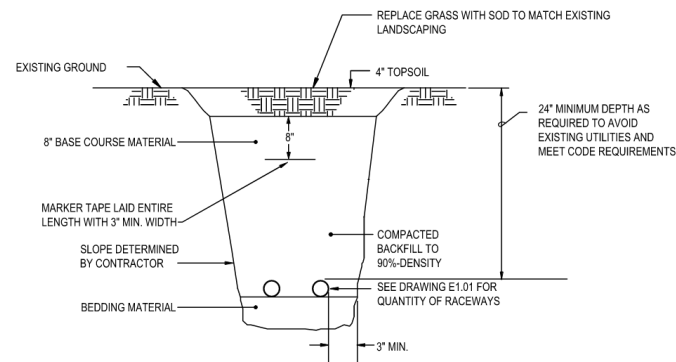
APPROVED
 BY CITY OF PUYALLUP DEVELOPMENT ENGINEERING
 DATE
 NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
 THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
 FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

- CONSTRUCTION NOTES
- STEEL POST SHALL BE INSTALLED AT A MINIMUM 30" DEEP WITH MINIMUM 4" CONCRETE ALL AROUND.
 - GFCI WEATHERPROOF CONVENIENCE RECEPTACLE WITH LOCKABLE WHILE-IN-USE METALLIC COVER.
 - PROVIDE 6"x6"x4" MINIMUM CONCRETE PAD WITH 6"x6" WELDED WIRE FABRIC. SAWCUT EXISTING ASPHALT AS REQUIRED. REPAIR, PATCH AND SEAL TO MATCH ADJACENT SURFACE.

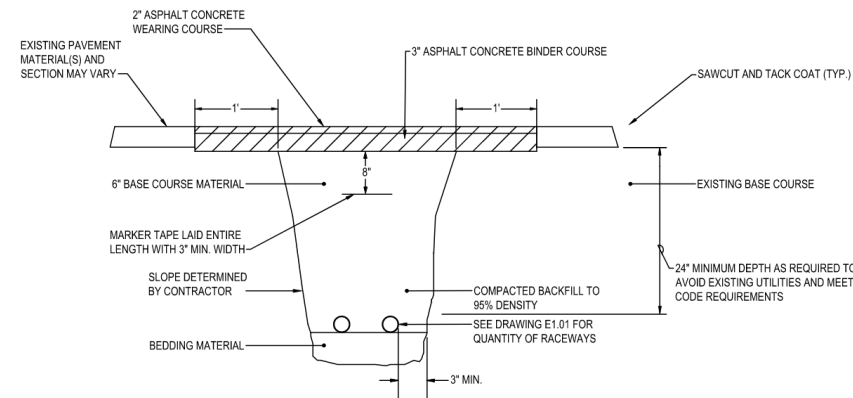
POLE BASE NOTE:
 PROVIDE NEW POLE BASE FOR ALL NEW LIGHT FIXTURES PER DETAIL BELOW AND TO MATCH EXISTING TO THE GREATEST EXTENT POSSIBLE. CONFIRM BOLT PATTERN WITH MANUFACTURER PRIOR TO ROUGH-IN.



3 POLE BASE DETAIL
 SCALE: NOT TO SCALE



4 DIRECT BURY RACEWAY - GRASS AREA
 SCALE: NOT TO SCALE



5 DIRECT BURY RACEWAY - ASPHALT AREA
 SCALE: NOT TO SCALE

BCE
 A Gannett Fleming TransSystems Company
 6021 12th Street East, Suite 200
 Fife, Washington 98424
 T: 253.922.0446 | F: 253.922.0896

811
 Know what's below.
 Call before you dig.

sh **sitts & hill**
 CIVIL | STRUCTURAL | SURVEY
 415 CENTER STREET | TACOMA, WA 98600
 PHONE: (252) 474-8449 | FAX: (252) 474-8153
 PROJECT NO.: 19474 | PROJECT MGR.: RCH
 Proj. Engineer: SAJ | Proj. Drafter: SAJ

DESIGNED: BM
 DRAWN: BM
 CHECKED: BM
 DATE: 08/07/2024
 SCALE: AS NOTED

04.08.2025 CITY PERMIT SET SUBMITTAL

sh **sitts & hill**
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 PHONE: (252) 474-8449 | FAX: (252) 474-8153
 http://www.sitts.com

PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374

SPARKS STADIUM EVENT PARKING LOT
 PROJECT FILE NO. WASHINGTON 98371
 ELECTRICAL DETAILS

SHEET NO. **E-501**
 PROJECT NO. **19474**

Puyallup School District
 Sparks Stadium Parking Lot Expansion
 Operation & Maintenance Manual

**SPARKS STADIUM EVENT PARKING LOT (PUYALLUP, WA)
 UTILITY 12 MONTH PEAK DEMAND CALCULATION WORKSHEET
 MAIN SWBD at UTILITY TRANSFORMER SECONDARY**

NEC 220.87 AND WAC 296-46B-900(3)(j)

12 Month Peak Demand (Month & Year) : October 2024
 Phase to Phase Voltage (Volts) : 480
 Phases (1=Single Phase, 3=Three Phase) : 3

Utility Peak Demand	=	143.28	KW	
Power Factor	/	0.90	(P.F.)	
Apparent Peak Demand	=	159.20	KVA	
NEC 220.87(2) adjustment factor	X	1.25		
Adjusted Peak Demand	=	199.00	KVA	
Seasonal adjustment factor	X	1.00		
Seasonal adjustment peak demand	=	199.00	KVA	
Occupancy adjustment factor	X	1.00		
Occupancy adjustment peak demand	=	199.00	KVA	
Other adjustment factor(s)	X	1.00		
Utility Peak Demand with Adjustments	=	199.00	KVA	
New Calculated Demand Load Added	Panel EXT	+	27.31	KVA

Metered Demand Based			
CALCULATED DEMAND LOAD :		226.31	KVA
CALCULATED DEMAND CURRENT :		272	AMPS

Note: See WAC 296-46B-900 (3)(j) for additional metering requirements

Explain how the factor was derived for 30-day demand metering:

Seasonal
 Utilized utility furnished 12 month peak demand for load calculation, seasonal demand factor is not necessary.

Occupancy
 Since 12 months of demand data was utilized and normal occupancy occurred during the 12 month period, no additional occupancy adjustment is necessary.

Other
 No other adjustment factors were utilized for this demand calculation.

CONSTRUCTION NOTES
 ① TERMINATE AT EXISTING BREAKER

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.

APPROVED BY: _____

DESIGNED BY: _____

DRAWN BY: _____

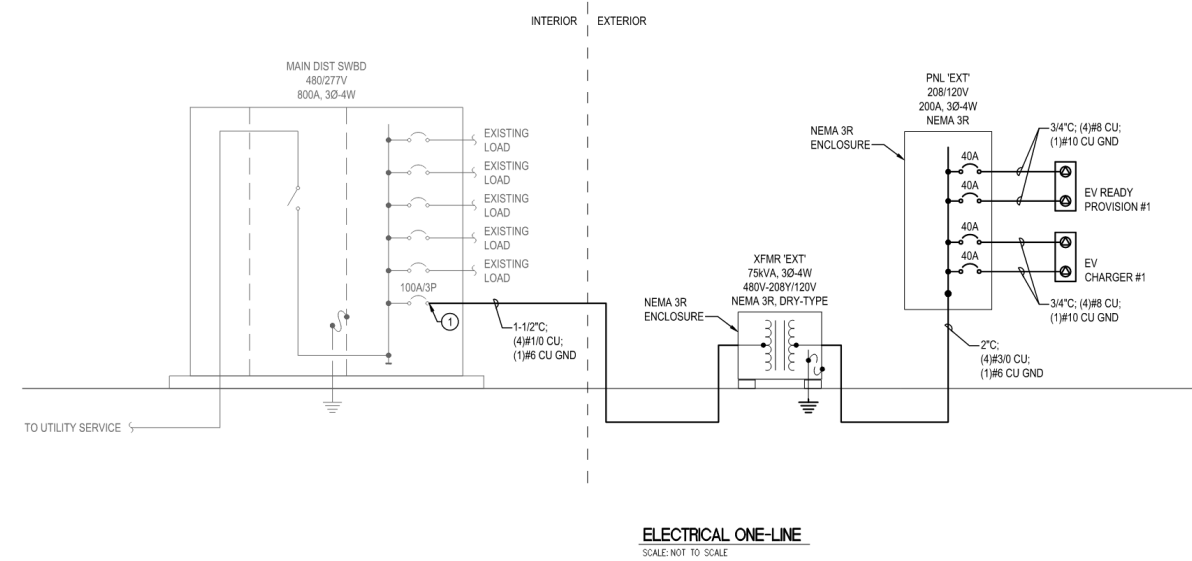
CHECKED BY: _____

DATE: 09/01/2024

SCALE: AS NOTED

04.08.2025 CITY PERMIT SET SUBMITTAL

sh sitts & hill
 CIVIL | STRUCTURAL | SURVEY
 4815 CENTER STREET | TACOMA, WA 98409
 PHONE: (253) 474-1111 | WWW.SH-SITTSANDHILL.COM



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 WWW.SH-SITTSANDHILL.COM

Project No.: 19474 Project Mgr.: RCH
 Proj. Engineer: SAJ Proj. Drafter: SAJ

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PUYALLUP SCHOOL DISTRICT
 323 12TH ST NW
 PUYALLUP, WA 98374

**SPARKS STADIUM
 EVENT PARKING LOT
 PUYALLUP, WASHINGTON 98371**

ELECTRICAL ONE-LINE

E-601
 PROJECT NO.
19474