



Know what's below. Call before you dig.

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES

DATE:

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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

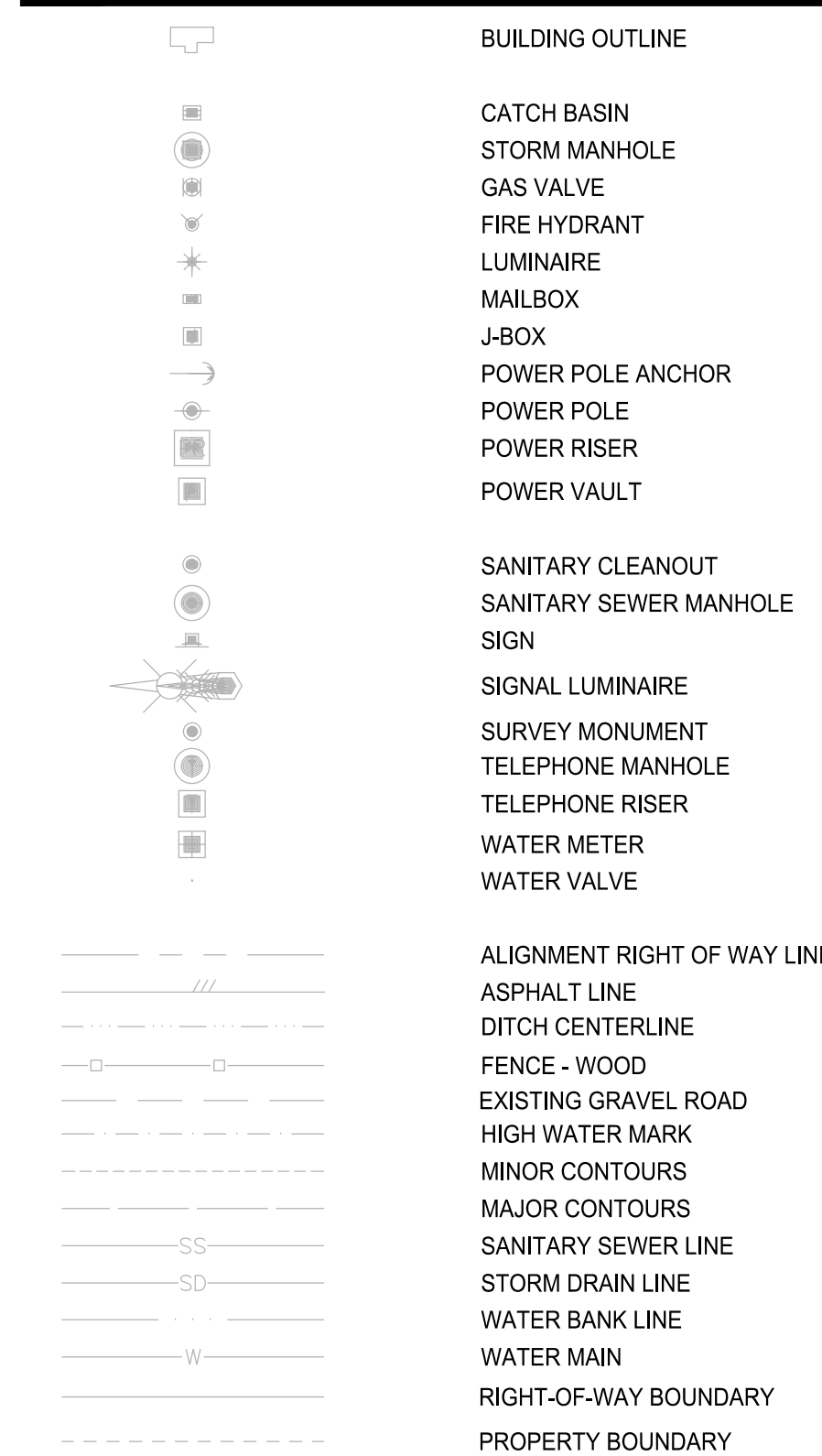
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS AT THE PROJECT LOCATION.

CITY OF PUYALLUP GENERAL NOTES

- 1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO COMMENCING THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE CITY OF PUYALLUP DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THESE PLANS. 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DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE 'CITY STANDARDS').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. 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.

Add the following:
City Standard STORMWATER NOTES (CS Section 207)
City Standard WATER SYSTEM NOTES (CS Section 304)
City Standard GRADING, EROSION AND SEDIMENTATION CONTROL NOTES (CS Section 505)

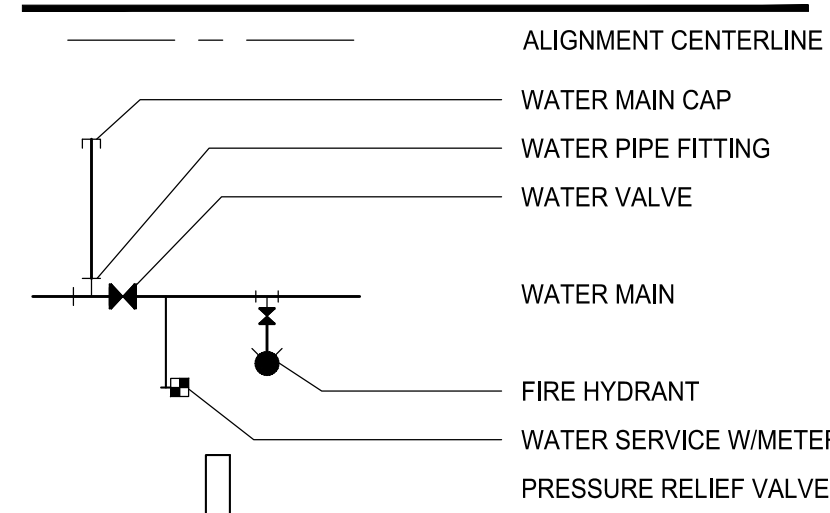
LEGEND - EXISTING



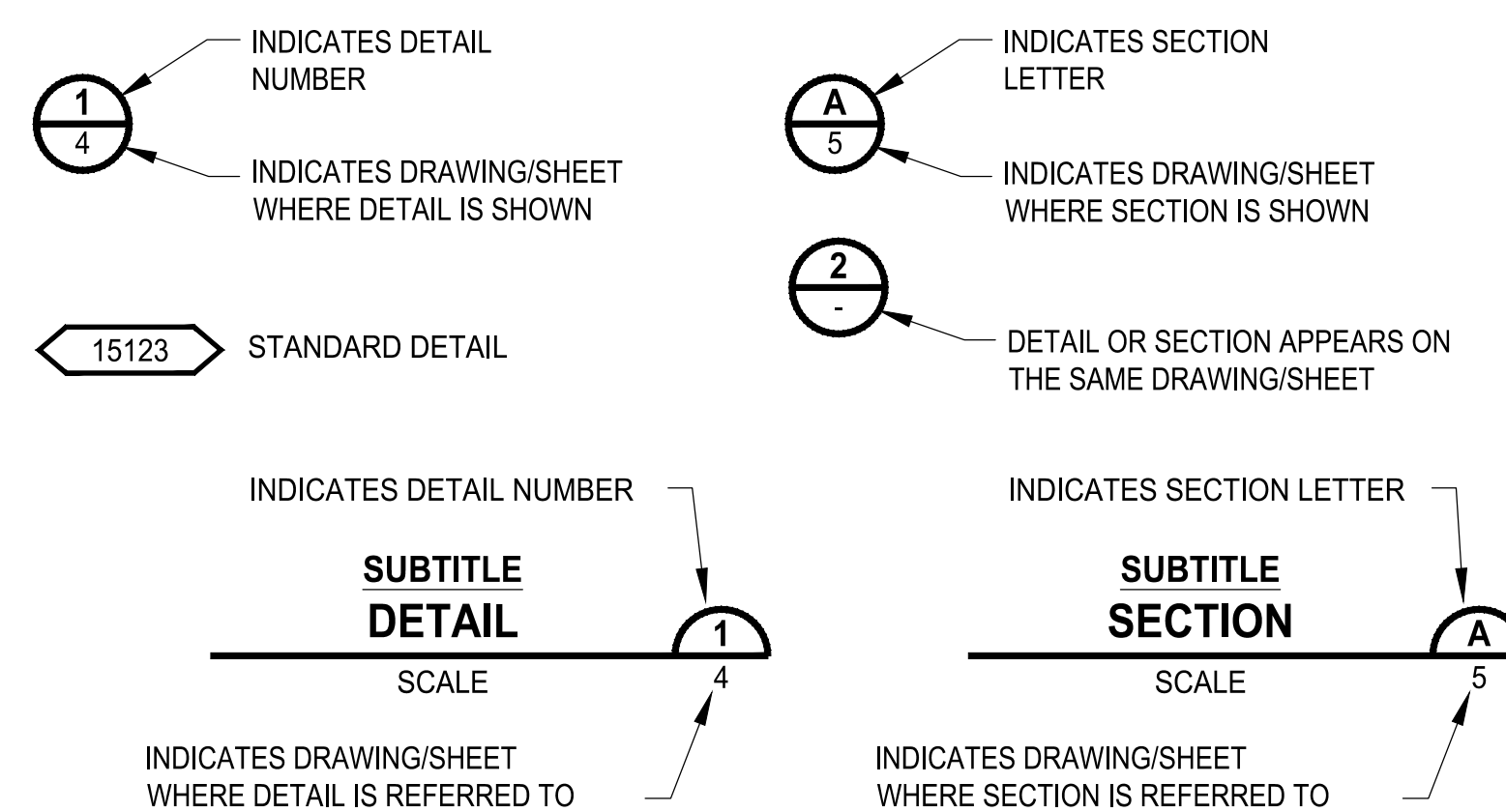
ABBREVIATIONS

Table of abbreviations and their full names, such as ADDL (ADDITIONAL), LG (LENGTH, LONG), LIN (LINEAR), etc.

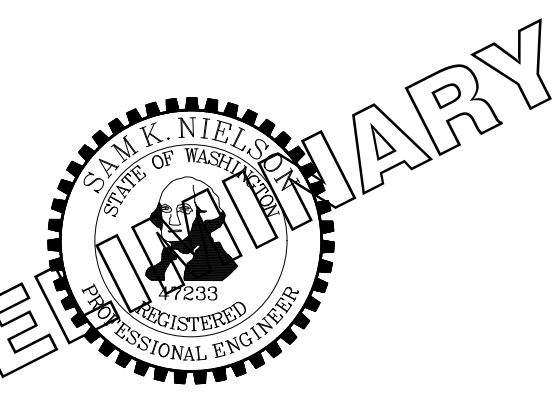
LEGEND - PROPOSED



DETAIL AND SECTION DESIGNATION



Vertical text on the left margin: LAYOUT: G-02, PATH: u:\p50\Projects\Clients\7312-Benerova\217-7312-004-SHBA\CParkingExpansion\995vca\CADD\DWG, PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:36:54 AM



ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY. FILE NAME: Q1-FS0731200C-CV, JOB No.: 217-7312-004, DATE: MAY 2021

Table with columns: REVISIONS, DATE, BY, DESIGNED (WZG), DRAWN (RLP), CHECKED (DCS), APPROVED (SKN)



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION, PUYALLUP, WA

GENERAL NOTES, LEGEND & ABBREVIATIONS

DRAWING NO. 02 OF 70, G-02

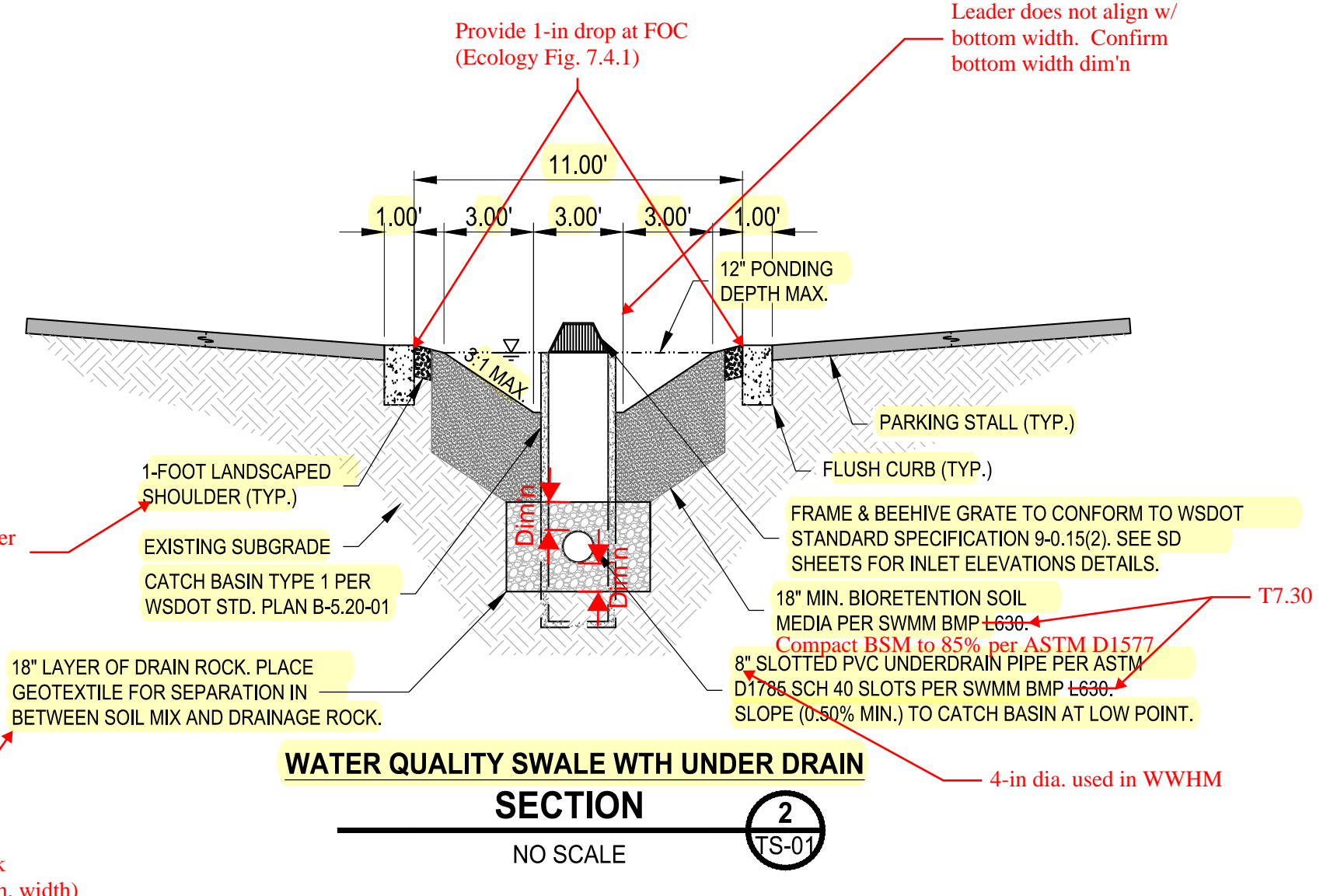
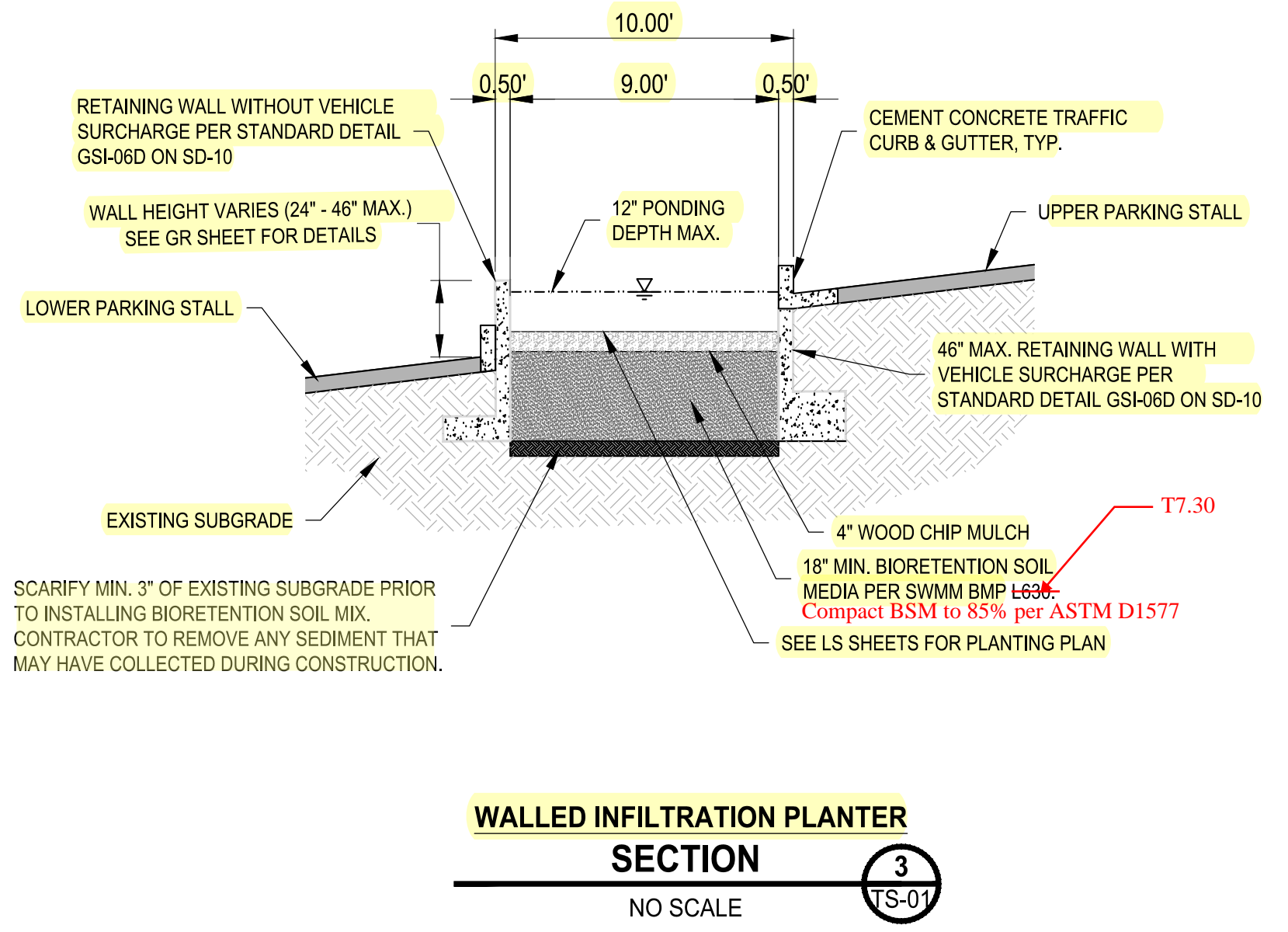
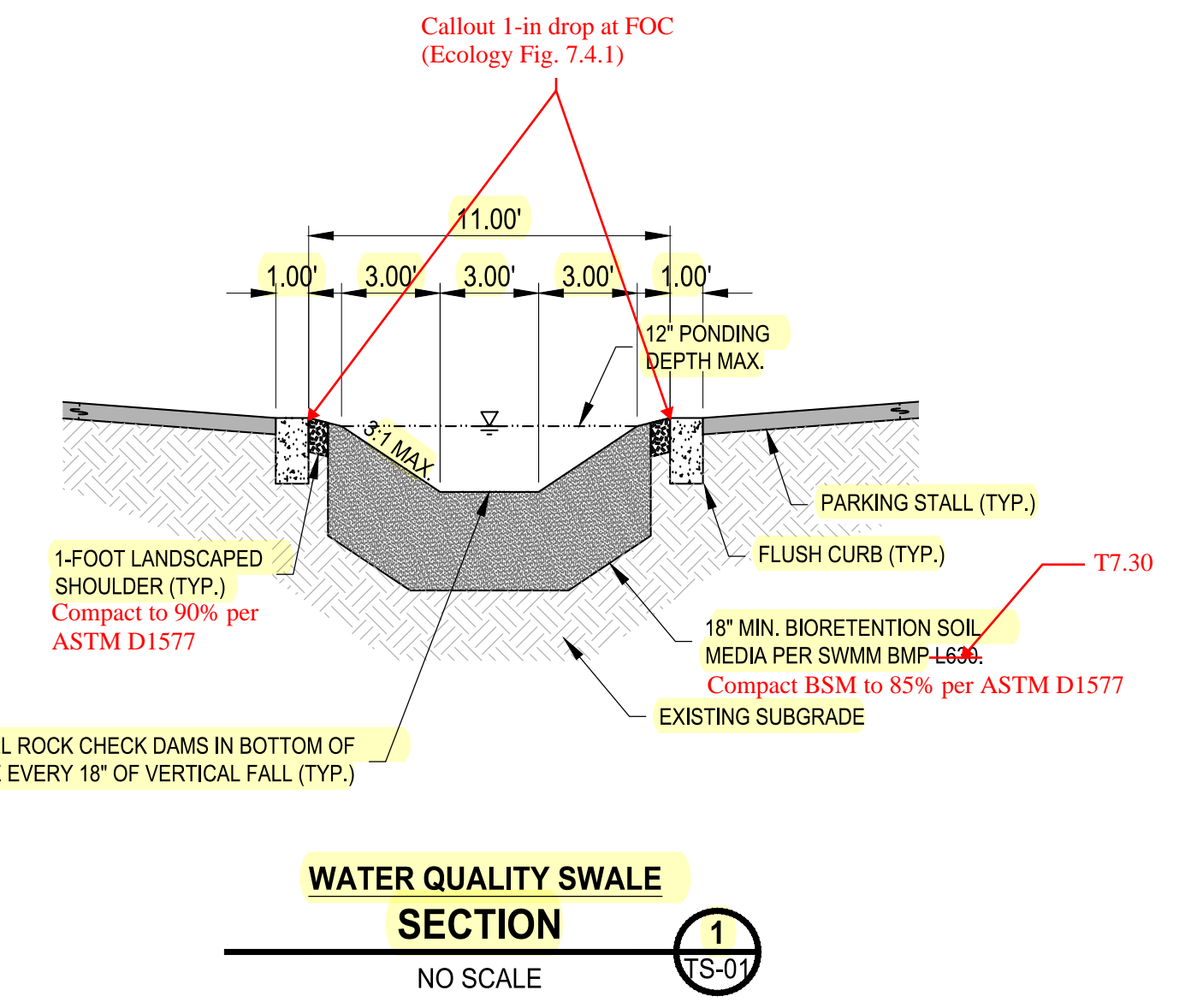
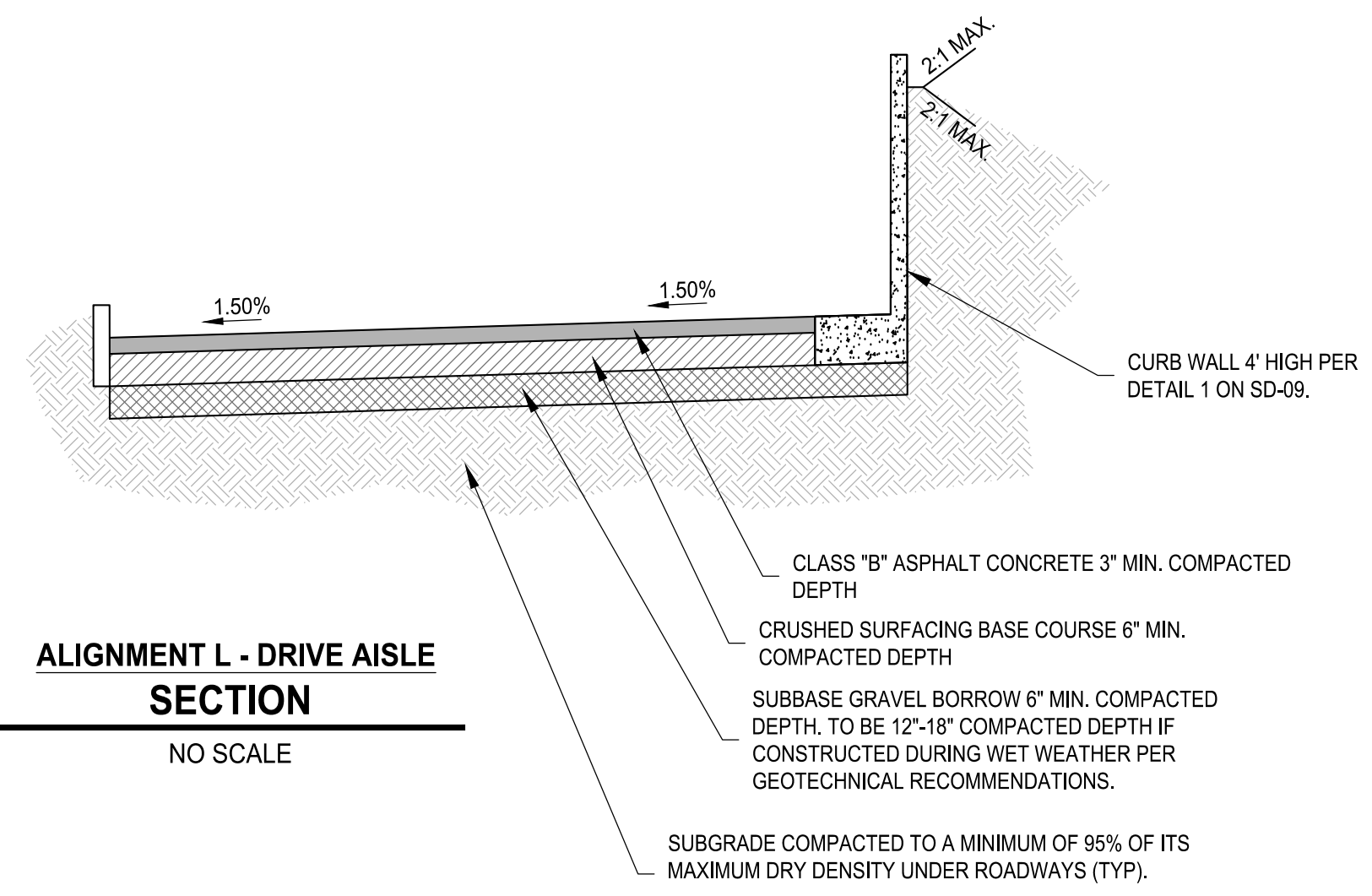
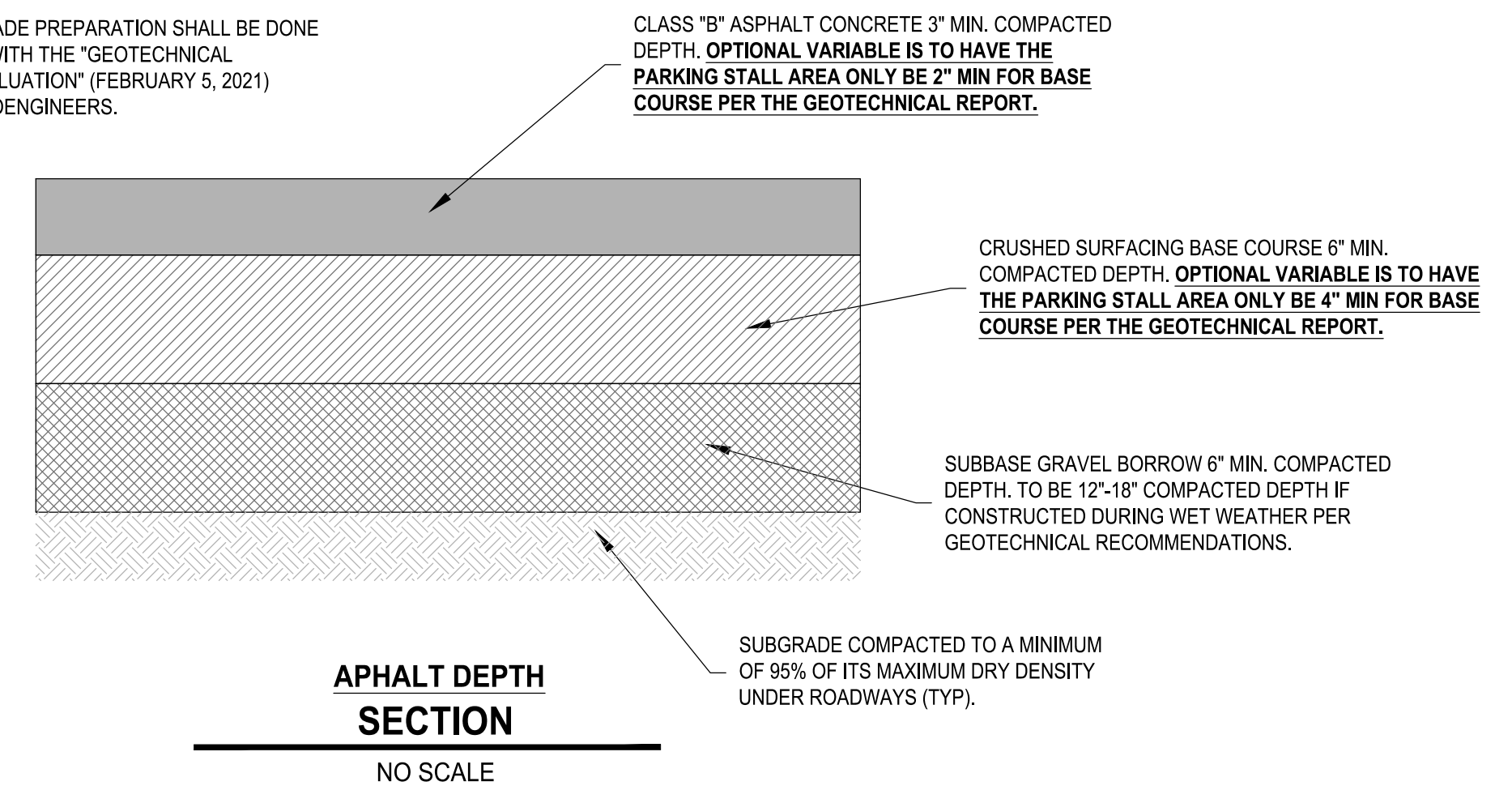
NOTE: SYMBOLS NOT TO SCALE, 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

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



Know what's below.
 Call before you dig.

NOTE: ALL SUBGRADE PREPARATION SHALL BE DONE IN ACCORDANCE WITH THE "GEO TECHNICAL ENGINEERING EVALUATION" (FEBRUARY 5, 2021) PREPARED BY GEOENGINEERS.

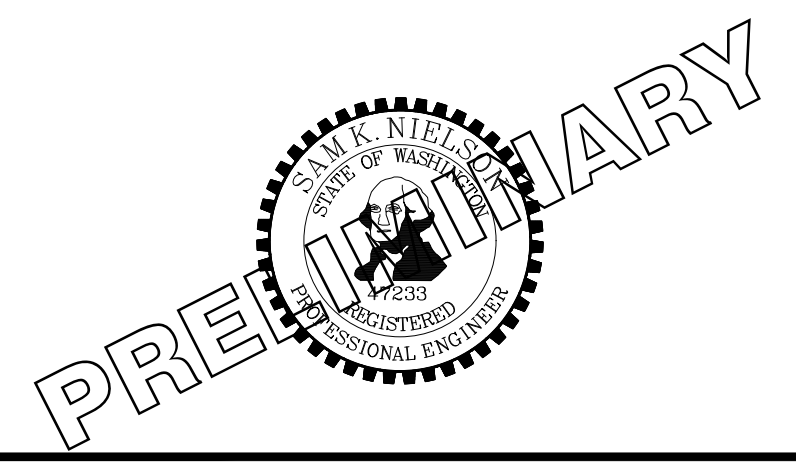


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REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
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FILE NAME: 01-FS0731200C-CV
 JOB No: 217-7312-004
 DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

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TYPICAL SECTIONS

DRAWING NO. **TS-01**
 03 OF 70

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

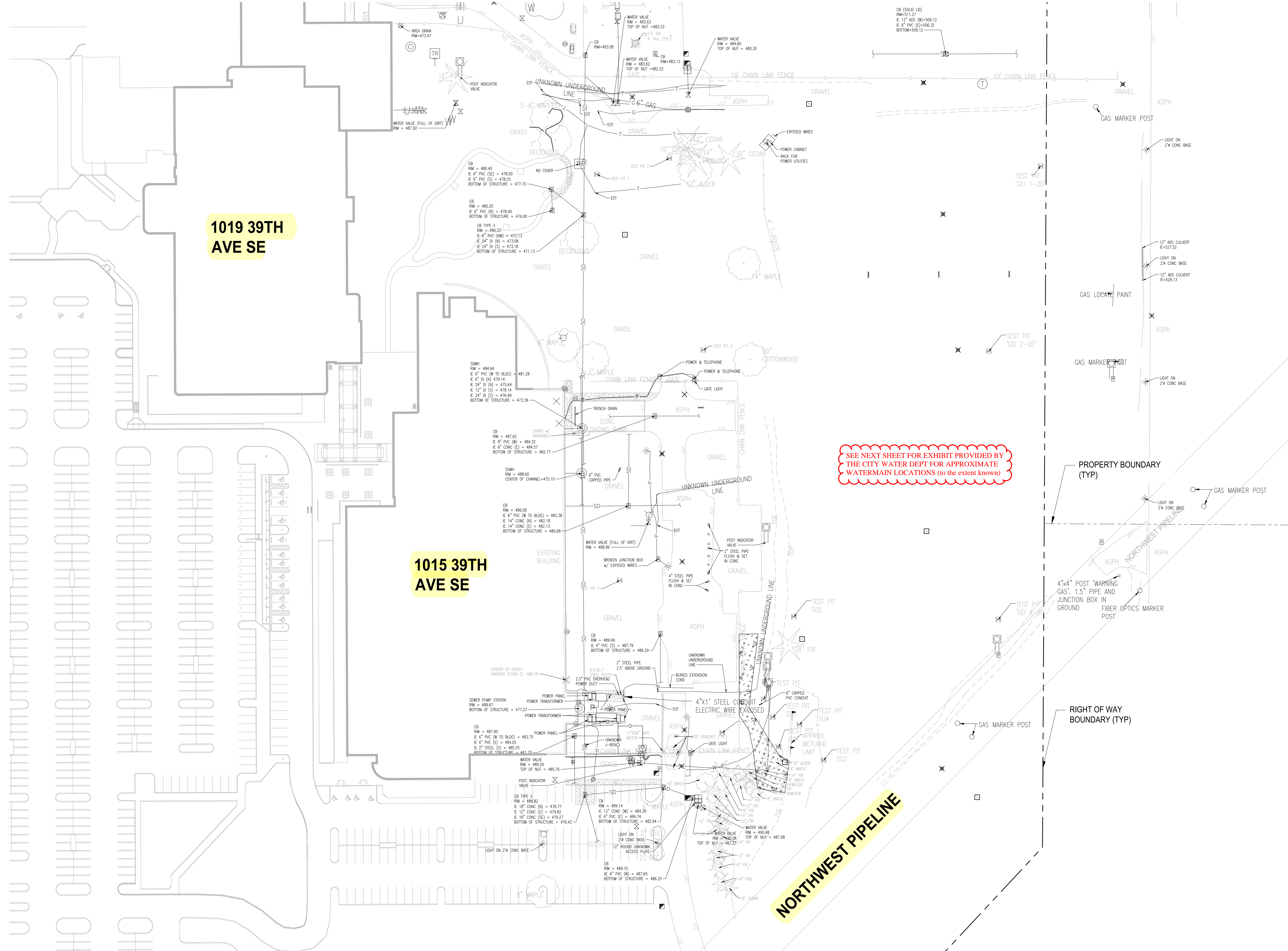
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SERVICES MANAGER.



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SEE NEXT SHEET FOR EXHIBIT PROVIDED BY
THE CITY WATER DEPT FOR APPROXIMATE
WATERMAIN LOCATIONS (to the extent known)

NOTE:
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NOT FOR CONSTRUCTION

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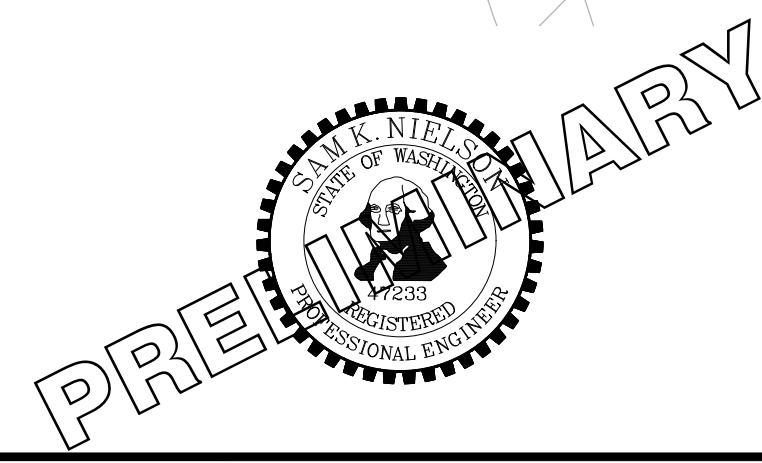
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			WZG	RLP	DCS	SKN

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FILE NAME:
Q1-FS0731200C-CV

JOB No.
217-7312-004

DATE
MAY 2021

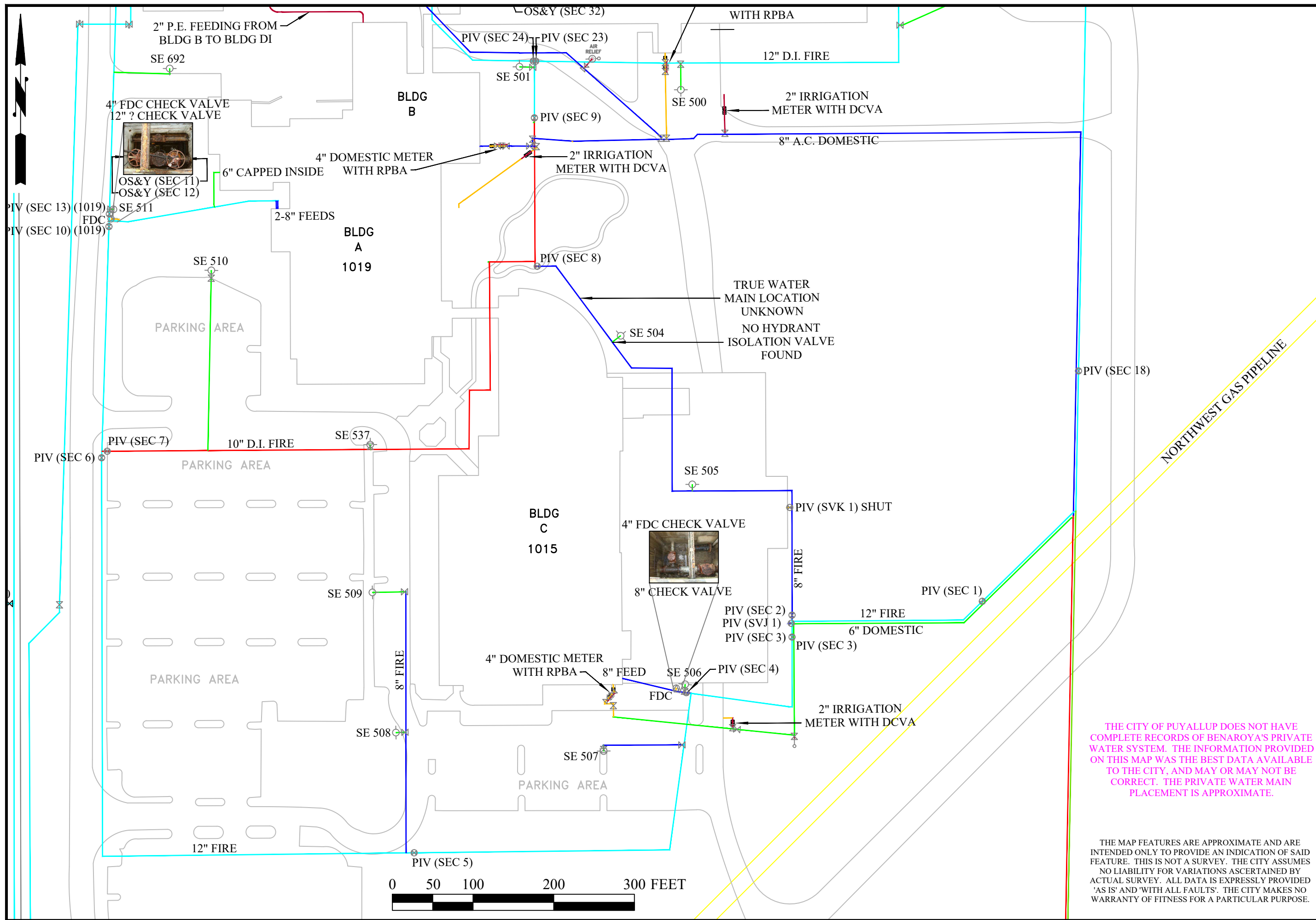


PROJECT NAME
**SOUTH HILL BUILDING &
TECHNOLOGY CENTER
PARKING EXPANSION**
PUYALLUP, WA

EXISTING SITE PLAN

DRAWING NO.
04 OF 70

EX-01



SCALE AS SHOWN

07/01/2021

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PG012/BENAROYA WATER AREA 7-2021

PRIVATE WATER INSIDE BENAROYA COMPLEX

CITY OF PUYALLUP
PUBLIC WORKS
WATER DIVISION

THE CITY OF PUYALLUP DOES NOT HAVE COMPLETE RECORDS OF BENAROYA'S PRIVATE WATER SYSTEM. THE INFORMATION PROVIDED ON THIS MAP WAS THE BEST DATA AVAILABLE TO THE CITY, AND MAY OR MAY NOT BE CORRECT. THE PRIVATE WATER MAIN PLACEMENT IS APPROXIMATE.

THE MAP FEATURES ARE APPROXIMATE AND ARE INTENDED ONLY TO PROVIDE AN INDICATION OF SAID FEATURE. THIS IS NOT A SURVEY. THE CITY ASSUMES NO LIABILITY FOR VARIATIONS ASCERTAINED BY ACTUAL SURVEY. ALL DATA IS EXPRESSLY PROVIDED 'AS IS' AND 'WITH ALL FAULTS'. THE CITY MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.





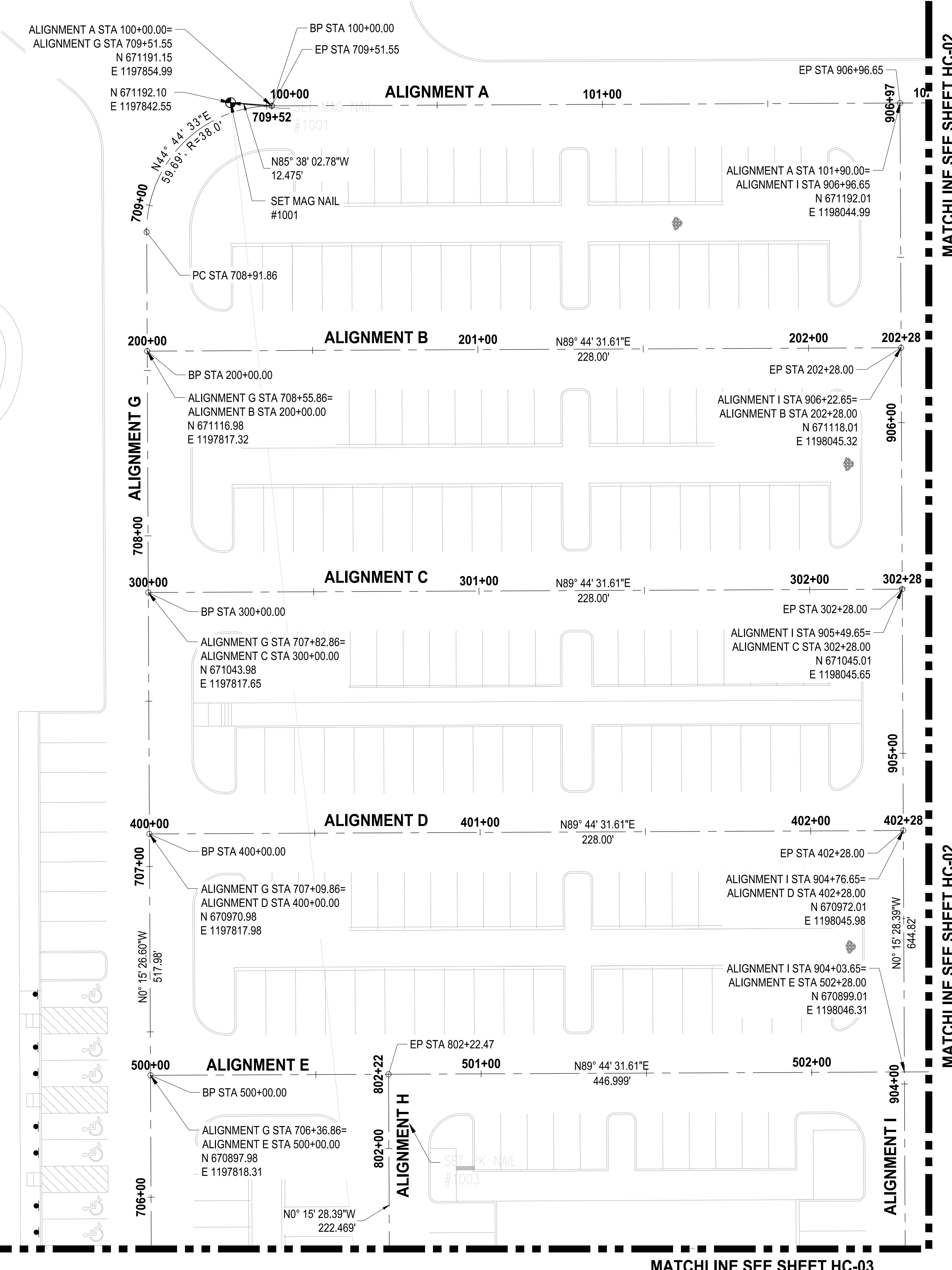
Know what's below.
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APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

SCALE IN FEET
1" = 40'

NOTE: THIS DRAWING IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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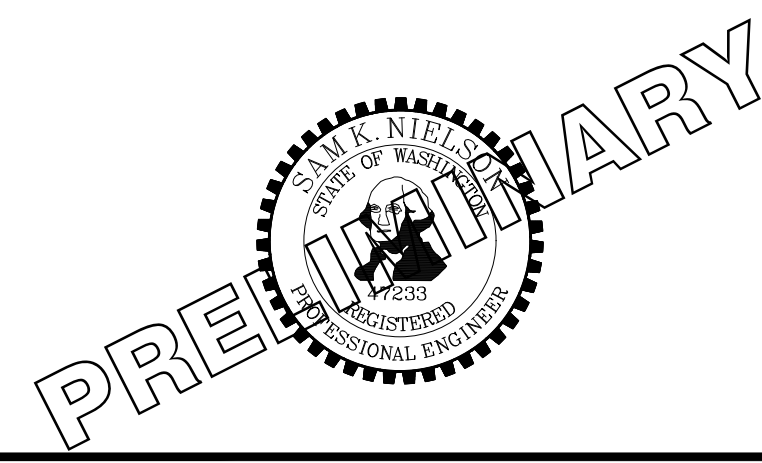


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REVISIONS	DATE	BY	DESIGNED	CHECKED	APPROVED
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				DCS	

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FILE NAME: 02-PSO\731200C-HC
 JOB No: 217-7312-004
 DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

NOTE: SYMBOLS NOT TO SCALE

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HORIZONTAL CONTROL PLAN

DRAWING NO. 06 OF 70
HC-01

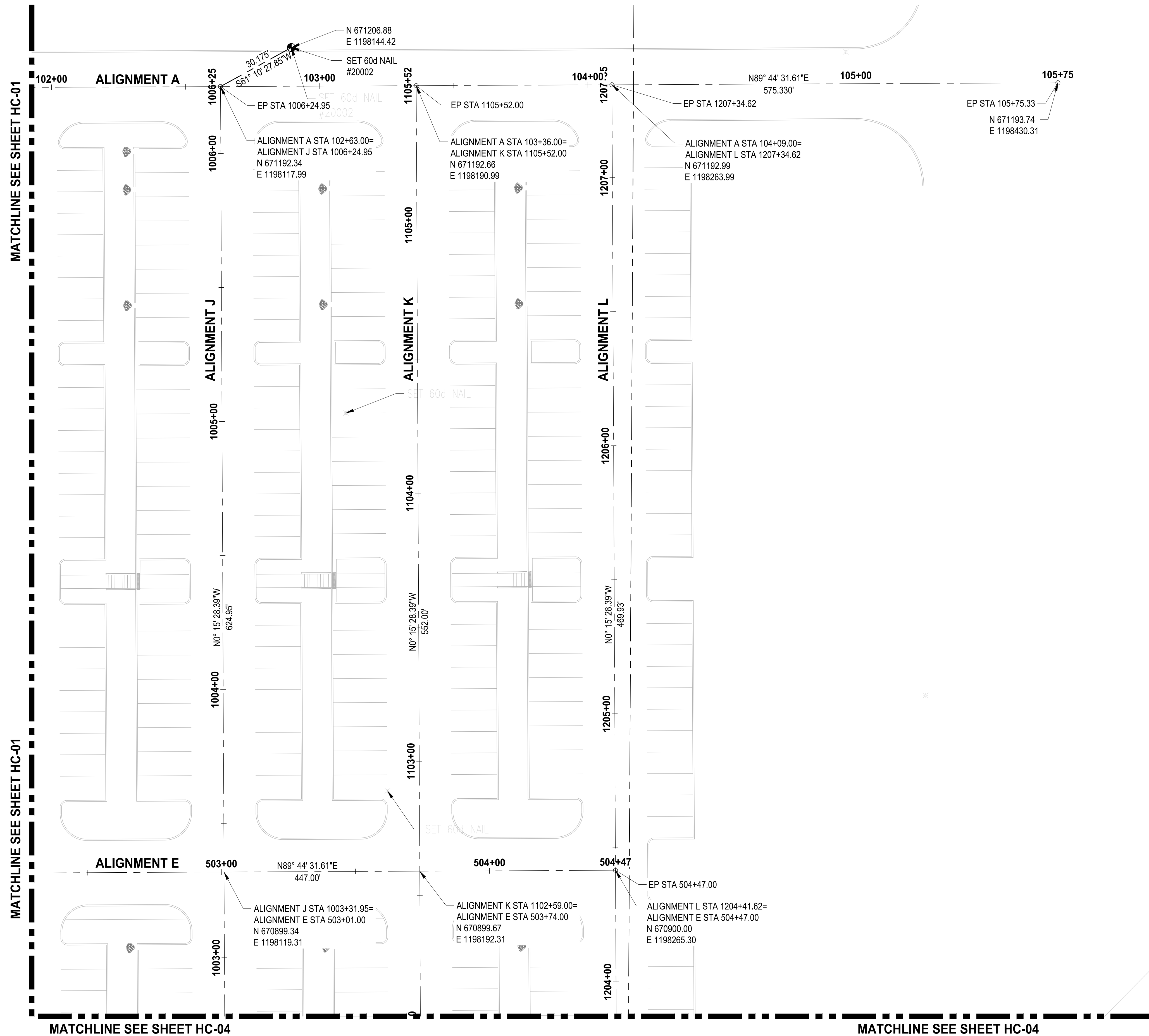
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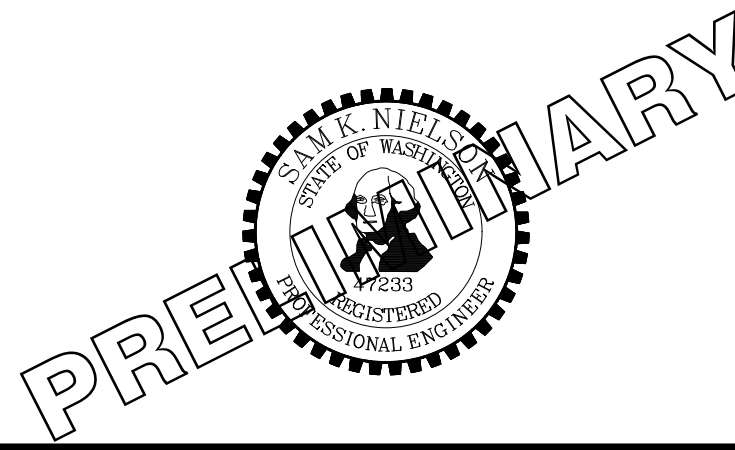
SCALE IN FEET
0 20 40

APPROVED
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES
THIS PLAN IS VOID AFTER 180 DAYS FROM THE DATE.
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NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				WZG	RLP	DCS	SKN

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FILE NAME: 02-PS0731200C-HC
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

HORIZONTAL CONTROL PLAN
HC-02

DRAWING NO.
07 OF 70

NOTE: SYMBOLS NOT TO SCALE **100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION**

MATCHLINE SEE SHEET HC-01

MATCHLINE SEE SHEET HC-01



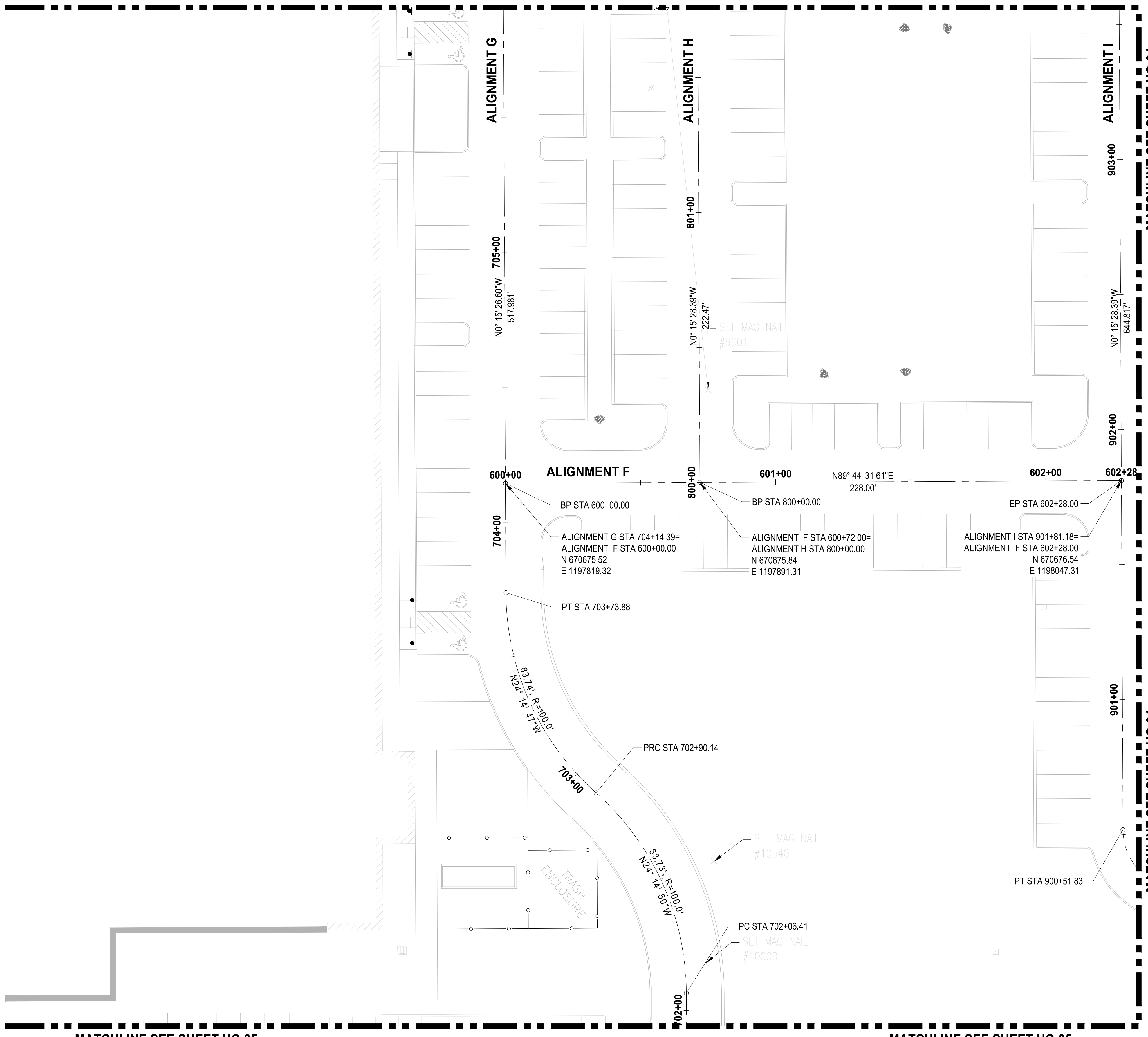
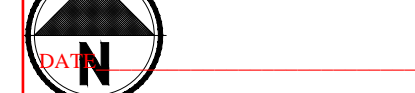
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SCALE IN FEET
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APPROVED

BY: CITY OF PUYALLUP
ENGINEERING SERVICES



MATCHLINE SEE SHEET HC-05

MATCHLINE SEE SHEET HC-05

MATCHLINE SEE SHEET HC-04

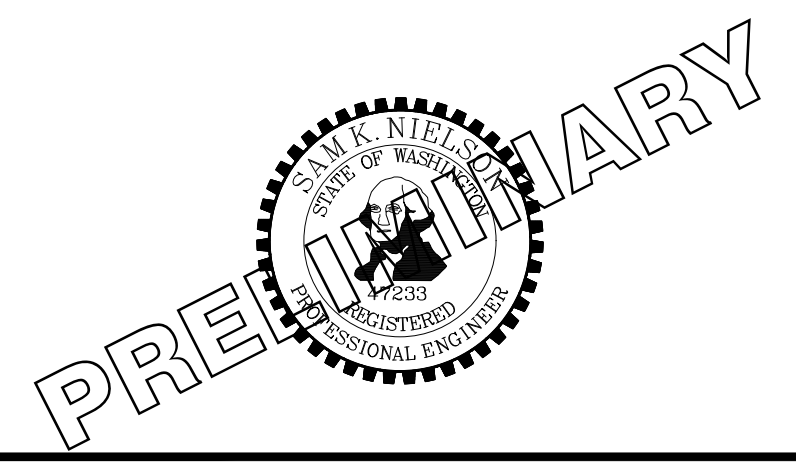
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REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

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FILE NAME: 02-PS0731200C-HC
 JOB No: 217-7312-004
 DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

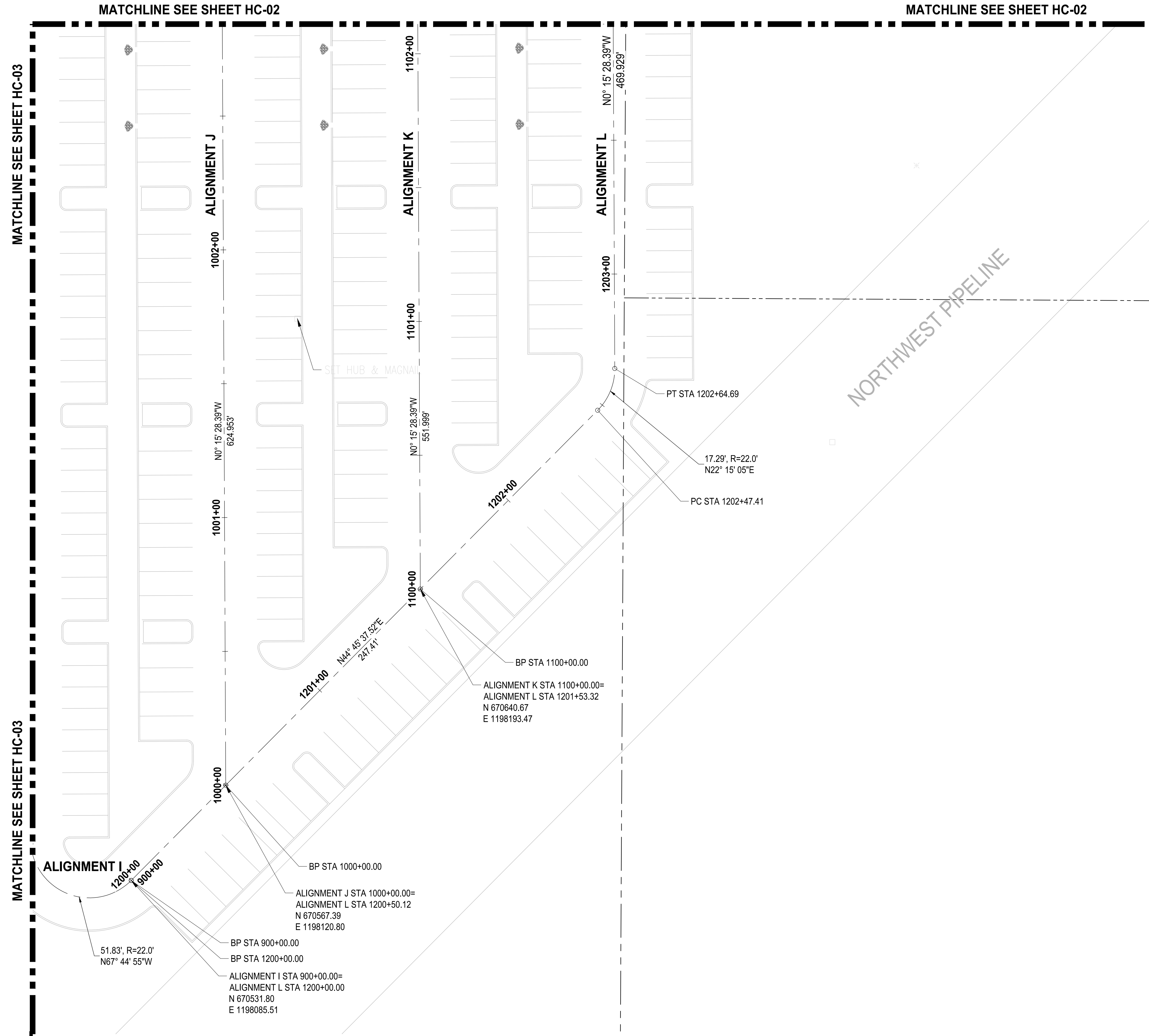
NOTE: SYMBOLS NOT TO SCALE

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HORIZONTAL CONTROL PLAN

DRAWING NO. 08 OF 70
HC-03

LAYOUT: HC-04 PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004-SH&T\CParkingExpansion\988\Seas\Cadd\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:39:50 AM



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

APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT SERVICES

SCALE IN FEET
 0 20 40
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REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

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FILE NAME
 02-PS0731200C-HC
 JOB No.
 217-7312-004
 DATE
 MAY 2021



PROJECT NAME
**SOUTH HILL BUILDING &
 TECHNOLOGY CENTER
 PARKING EXPANSION**
 PUYALLUP, WA

NOTE:
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**100% REVIEW SUBMITTAL
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HORIZONTAL CONTROL PLAN

DRAWING NO.
 09 OF 70
HC-04

LAYOUT: HC-05 PATH: u:\p50\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TParkingExpansion\985\Drawings\CAD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:39:53 AM

MATCHLINE SEE SHEET HC-03

MATCHLINE SEE SHEET HC-03



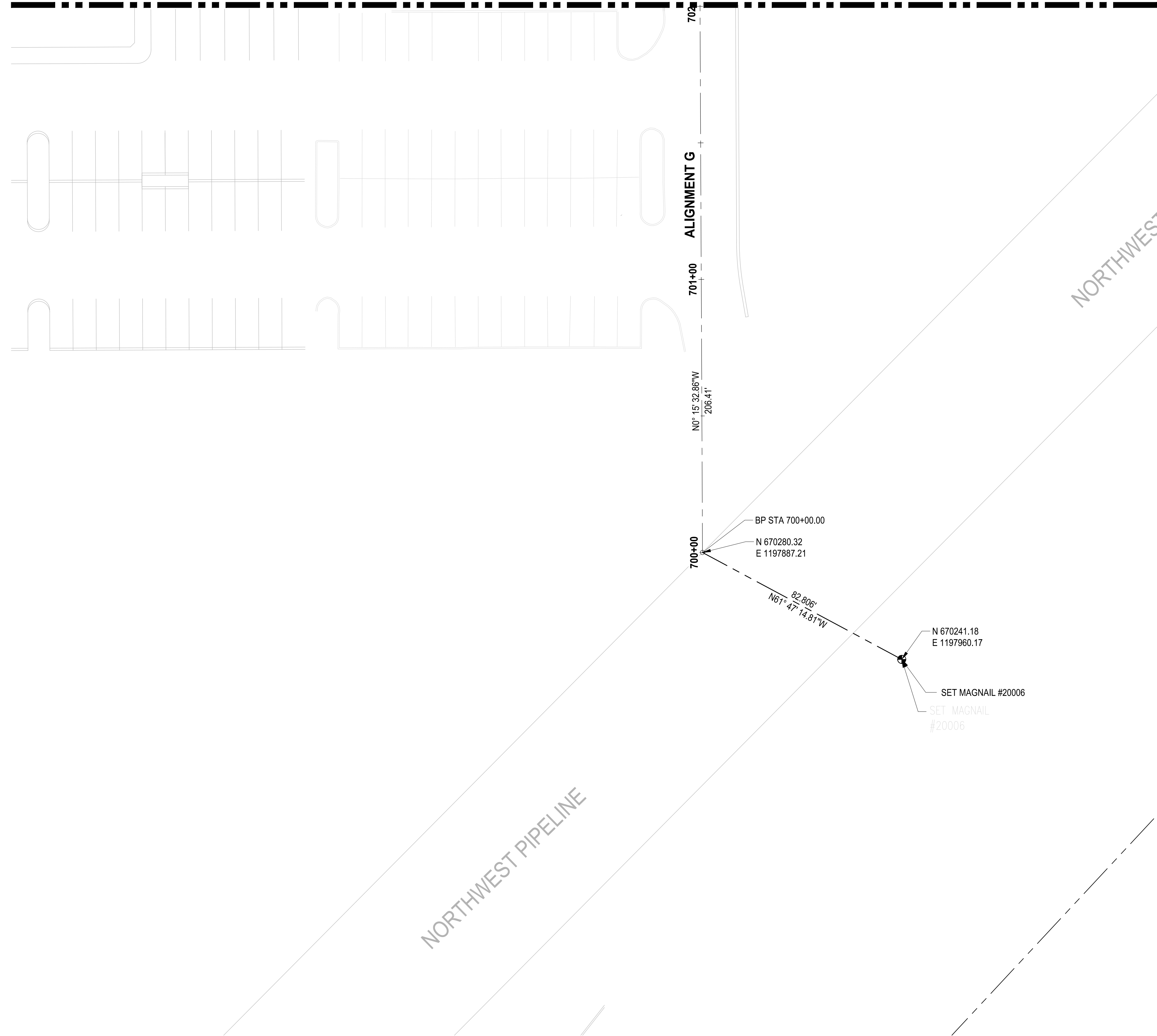
APPROVED

BY: [Signature]
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: [Signature]

NOTE: THIS PLAN IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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NORTHWEST PIPELINE

NORTHWEST

ALIGNMENT G

702

701+00

700+00

BP STA 700+00.00
N 670280.32
E 1197887.21

N 670241.18
E 1197960.17

SET MAGNAIL #20006

SET MAGNAIL #20006

82.806'
N61° 47' 14.81"W

N01° 15' 32.86"W
206.41'

PRELIMINARY



ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: 02-PS0731200C-HC
JOB No.: 217-7312-004
DATE: MAY 2021

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

HORIZONTAL CONTROL PLAN

DRAWING NO. 10 OF 70
HC-05

LAYOUT: DM-00 PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004_SIB&TCParkingExpansion\99Ses\CAD\DMG PLOTTED BY: peltrus DATE: Tuesday, May 18, 2021 11:40:15 AM

Per Ecology, projects subject to MR7 Flow Control must control stormwater release rates during construction. Provide a sediment facility (sediment trap(s), sediment pond(s), Baker Tank) sized for the predeveloped discharge rates from 1/2-2yr flow thru the 10-yr flow.

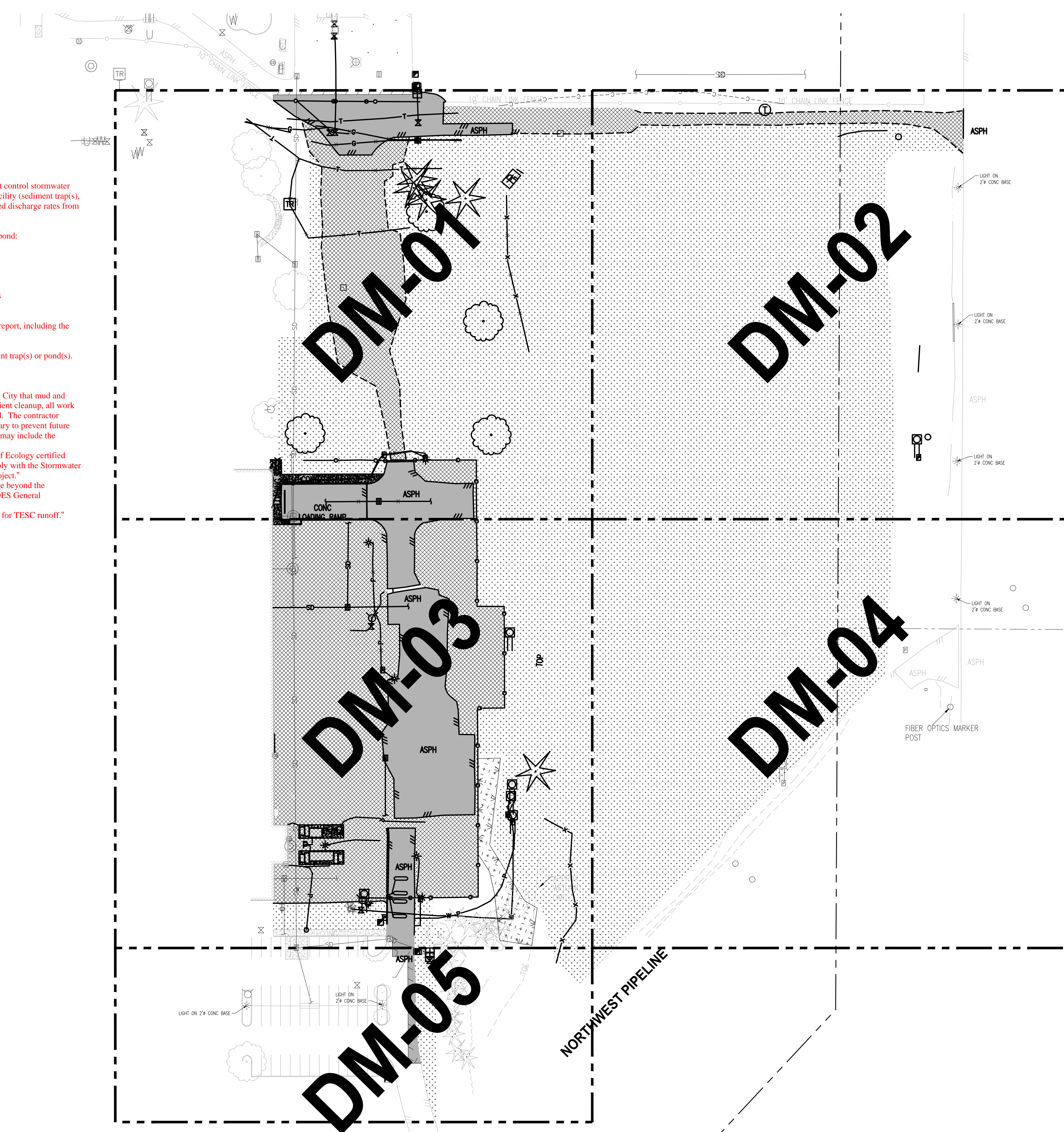
Provide construction information for any sediment trap/pond:
 -Identify contour lines.
 -Provide typical cross-section
 -Callout bottom area size
 -Callout top area size
 -Callout minimum volume.
 -Identify outlet and indicate where the discharge goes
 -Identify energy dissipation for inlet

Include sediment trap/pond sizing calculations in storm report, including the dewatering device and riser if used.

Callout interceptor swales to convey water to the sediment trap(s) or pond(s). Show cross-section detail on plans.

Add the following notes:
 -"At any time during construction it is determined by the City that mud and debris are being tracked onto public streets with insufficient cleanup, all work shall cease on the project until this condition is corrected. The contractor and/or the owner shall immediately take all steps necessary to prevent future tracking of mud and debris into the public ROW, which may include the installation of a wheel wash facility on-site."
 -"Contractor shall designate a Washington Department of Ecology certified erosion and sediment control leadperson, and shall comply with the Stormwater Pollution Prevention Plan (SWPPP) prepared for this project."
 -"Sediment-laden runoff shall not be allowed to discharge beyond the construction limits in accordance with the Project's NPDES General Stormwater Permit."
 -"Any permanent infiltration system shall not be utilized for TESC runoff."

Provide Construction Sequence per CS Section 501.6



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

APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT SERVICES

SCALE IN FEET
 0 50 100
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LEGEND:

- SILTATION FENCE
- SAWCUT LINE
- DEMOLITION AND REMOVAL
- STORM DRAIN/INLET BARRIER PROTECTION
- EXISTING STORMWATER FLOW
- EXISTING GRAVEL AREA
- CLEARING AND GRUBBING AREA
- REMOVE EXISTING ASPHALT/CONCRETE
- TEMPORARY SEDIMENT TRAP

GENERAL NOTES:

1. ALL DISTURBED AREAS TO BE STABILIZED TO PRE-CONSTRUCTION CONDITION OR BETTER.
2. EXISTING PAVEMENT TO BE REMOVED AND MAY BE PULVERIZED AND USED AS BASE MATERIAL IF APPROVED BY GEOTECH AND CITY INSPECTOR.
3. CONTRACTOR TO POTHOLE ALL UTILITY LOCATIONS BEFORE PROPOSED CONNECTIONS ARE MADE.
4. EXISTING BUILDINGS TO BE PROTECTED AT ALL POINTS OF CONSTRUCTION.
5. BIORETENTION AREAS ARE TO BE PROTECTED FROM CONSTRUCTION SEDIMENT ENTERING AND COLLECTING DEBRIS FOLLOWING INITIAL GRADING.
6. HEAVY MACHINERY AND EXCAVATION IS TO BE LIMITED NEAR BIORETENTION AREAS TO PREVENT SOIL COMPACTION. HIGH VISIBILITY FENCING OR BUFFER ZONES MAY BE NECESSARY TO MARK CONSTRUCTION LIMITS.

CONSTRUCTION NOTES:

1. MAINTAIN AND PROTECT EXISTING UTILITIES.
2. PRESERVE AND PROTECT EXISTING ASPHALT ROAD.
3. PRESERVE AND PROTECT EXISTING VEGETATION.
4. ADJUST EXISTING UTILITY TO FINISHED GRADE.
5. REMOVE SITE FEATURE.
6. INSTALL TEMPORARY CONSTRUCTION ENTRANCE SEE CITY OF PUYALLUP STANDARD NO. 05.01.01 ON SHEET DM-06.
7. INSTALL SILTATION FENCE SEE CITY OF PUYALLUP STANDARD NO. 02.03.02 ON SHEET DM-06.
8. INSTALL STRAW BALE BARRIER FOR INLET SEE CITY OF PUYALLUP STANDARD NO. 02.03.03 ON SHEET DM-06. *City preference would be to use straw bale barrier.*
9. INSTALL BARRIER WITH GRAVEL OUTLET SEE CITY OF PUYALLUP STANDARD NO. 02.03.04 ON SHEET DM-06.
10. INSTALL STORM DRAIN BARRIERS SEE CITY OF PUYALLUP STANDARD NO. 02.03.05 ON SHEET DM-06.
11. EXISTING DRY UTILITY TO BE REMOVED AND REPLACED BY OTHERS.

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: 03-PS0731200C-DM
 JOB No: 217-7312-004
 DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

DEMOLITION, TESC, CLEARING & GRUBBING COMPOSITE PLAN

DRAWING NO.
 11 OF 70
DM-00

APPROVED

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



Know what's below.
Call before you dig.

SCALE IN FEET
0 20 40

LEGEND:

- SILTATION FENCE
- SAWCUT LINE
- DEMOLITION AND REMOVAL
- STORM DRAIN/INLET BARRIER PROTECTION
- EXISTING STORMWATER FLOW
- EXISTING GRAVEL AREA
- CLEARING AND GRUBBING AREA
- REMOVE EXISTING ASPHALT/CONCRETE
- TEMPORARY SEDIMENT TRAP

GENERAL NOTES:

1. ALL DISTURBED AREAS TO BE STABILIZED TO PRE-CONSTRUCTION CONDITION OR BETTER.
2. EXISTING PAVEMENT TO BE REMOVED AND MAY BE PULVERIZED AND USED AS BASE MATERIAL IF APPROVED BY GEOTECH AND CITY INSPECTOR.
3. CONTRACTOR TO POTHOLE ALL UTILITY LOCATIONS BEFORE PROPOSED CONNECTIONS ARE MADE.
4. EXISTING BUILDINGS TO BE PROTECTED AT ALL POINTS OF CONSTRUCTION.
5. BIORETENTION AREAS ARE TO BE PROTECTED FROM CONSTRUCTION SEDIMENT ENTERING AND COLLECTING DEBRIS FOLLOWING INITIAL GRADING.
6. HEAVY MACHINERY AND EXCAVATION IS TO BE LIMITED NEAR BIORETENTION AREAS TO PREVENT SOIL COMPACTION. HIGH VISIBILITY FENCING OR BUFFER ZONES MAY BE NECESSARY TO MARK CONSTRUCTION LIMITS.

CONSTRUCTION NOTES:

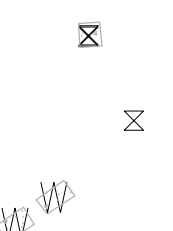
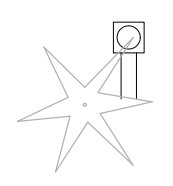
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NOTE:
SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

DEMOLITION, TESC, CLEARING & GRUBBING PLAN

DRAWING NO.
12 OF 70
DM-01



EXISTING BUILDING

Max. overland flow tributary to the Silt Fence is 100-ft. Revise TESC plan accordingly.

See Const Note comment

INSTALL SILT FENCE FOLLOWING INITIAL GRADING OF BIORETENTION AREA, TYP.

CATCH BASIN
N 670861.16
E 1197865.89

ASPHALT

GRAVEL

GRAVEL

GRAVEL

POWER & TELEPHONE
N 670901.94
E 1197870.73

POWER & TELEPHONE
N 670899.35
E 1197906.69

POWER & TELEPHONE
N 670899.35
E 1197906.69

GAS MAIN

UNDERGROUND TELEPHONE
N 671153.99
E 1197921.34

UNDERGROUND TELEPHONE
N 671101.91
E 1197892.85

POWER CABINET
N 671145.55
E 1197983.25

T-POST FENCE
N 671129.71
E 1197978.27

T-POST FENCE
N 671071.90
E 1197979.36

T-POST FENCE
N 670992.88
E 1197998.11

MAPLE TREE

COTTONWOOD TREE

CHAIN LINK FENCE
N 670897.50
E 1197951.78

MAPLE TREE

CHAIN LINK FENCE
N 670897.22
E 1197799.79

CHAIN LINK GATE

STORM DRAIN MH

TRENCH DRAIN

ASPHALT

MATCHLINE SEE SHEET DM-02

MATCHLINE SEE SHEET DM-02

MATCHLINE SEE SHEET DM-03

MATCHLINE SEE SHEET DM-03

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
Q3-PS0731200C-DM
JOB No.
217-7312-004
DATE
MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

LAYOUT: DM-01 PATH: U:\PSD\Projects\Clients\217-7312-004_SHB&TParkingExpansion\985\CAADD\DMG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:40:18 AM

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

LAYOUT: DM-02 PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004_SIB&TCParkingExpansion\99Ses\CADD\DWG PLOTTED BY: peltrus DATE: Tuesday, May 18, 2021 11:40:21 AM



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Call before you dig.

APPROVED

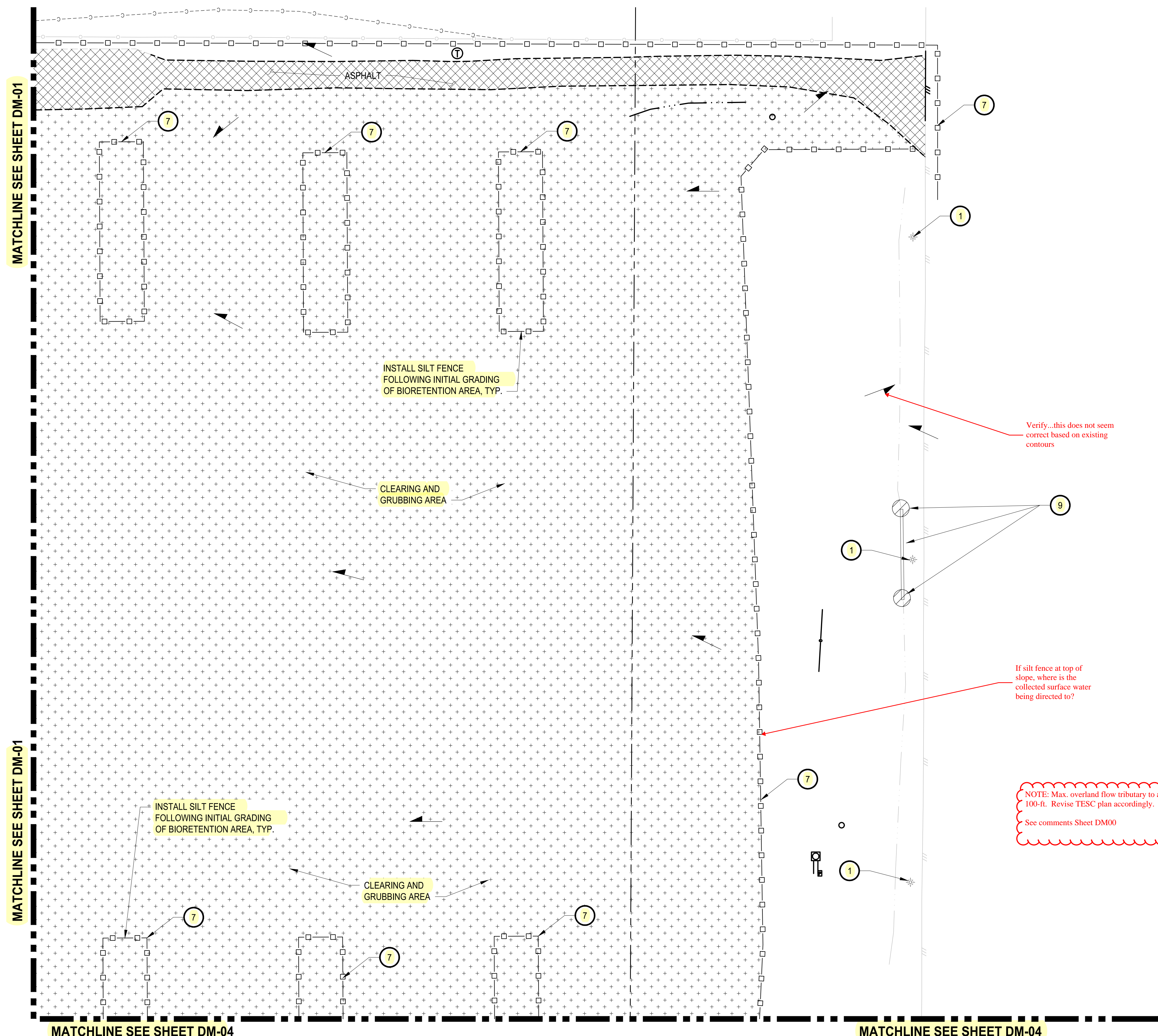
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

SCALE IN FEET

NOTE: THIS SCALE IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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

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



LEGEND:

- SILTATION FENCE
- SAWCUT LINE
- DEMOLITION AND REMOVAL
- STORM DRAIN/INLET BARRIER PROTECTION
- EXISTING STORMWATER FLOW
- EXISTING GRAVEL AREA
- CLEARING AND GRUBBING AREA
- REMOVE EXISTING ASPHALT/CONCRETE
- TEMPORARY SEDIMENT TRAP

GENERAL NOTES:

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CONSTRUCTION NOTES:

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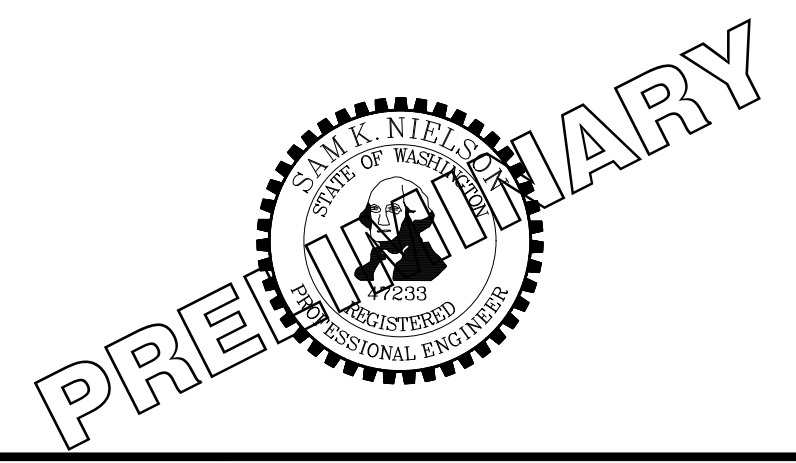
NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG			
				RLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: 03-PS0731200C-DM
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

DEMOLITION, TESC, CLEARING & GRUBBING PLAN

DRAWING NO.
13 OF 70
DM-02



Know what's below. Call before you dig.

SCALE IN FEET

MATCHLINE SEE SHEET DM-01

MATCHLINE SEE SHEET DM-01

MATCHLINE SEE SHEET DM-04

MATCHLINE SEE SHEET DM-04

EXISTING BUILDING

Confirm w/ Fire that there is adequate FH serving the building
Verify...is this a roof drain?

Valve Indicator Post or Fire PIV...if PIV what is it currently serving?

NOTE: Max. overland flow tributary to any Silt Fence is 100-ft. Revise TESC plan accordingly. See comments Sheet DM00

COORDINATE REMOVAL OF POWER TRANSFORMER AND PAD WITH CLIENT/OWNER.

See Const Note comment

Clarify...isn't the PIV and FH serving the existing building? If so, where are these components being relocated? If relocated, callout new location and connection req's (valves; piping; thrust blocks; etc)

Clarify...is this the DDCVA and vault? Is it currently serving the building? If so, how is the building being protected?

LEGEND:

- SILTATION FENCE
- SAWCUT LINE
- DEMOLITION AND REMOVAL
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100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004_Site&TParkingExpansion\99\Sev\CAD\DM\DM-04.dwg PLOTTED BY: peltrus DATE: Tuesday, May 18, 2021 11:40:24 AM LAYOUT: DM-03

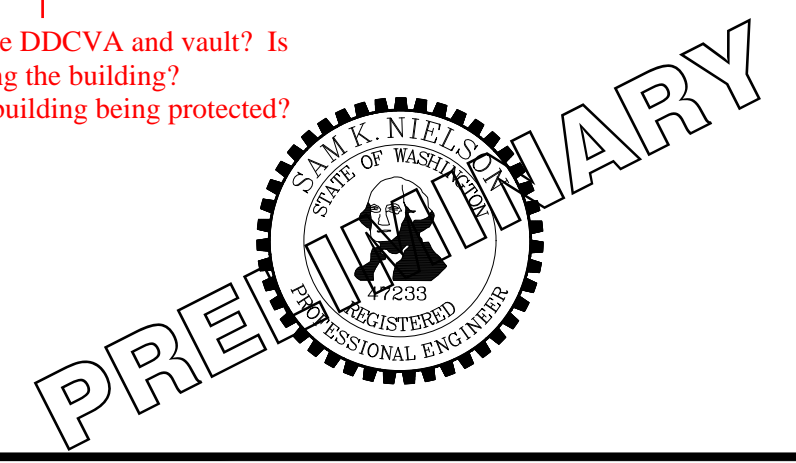
NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
1	WZG						
2	RLP						
3	DCS						
4	SKN						

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FILE NAME: Q3-PSO731200C-DM

JOB No: 217-7312-004

DATE: MAY 2021



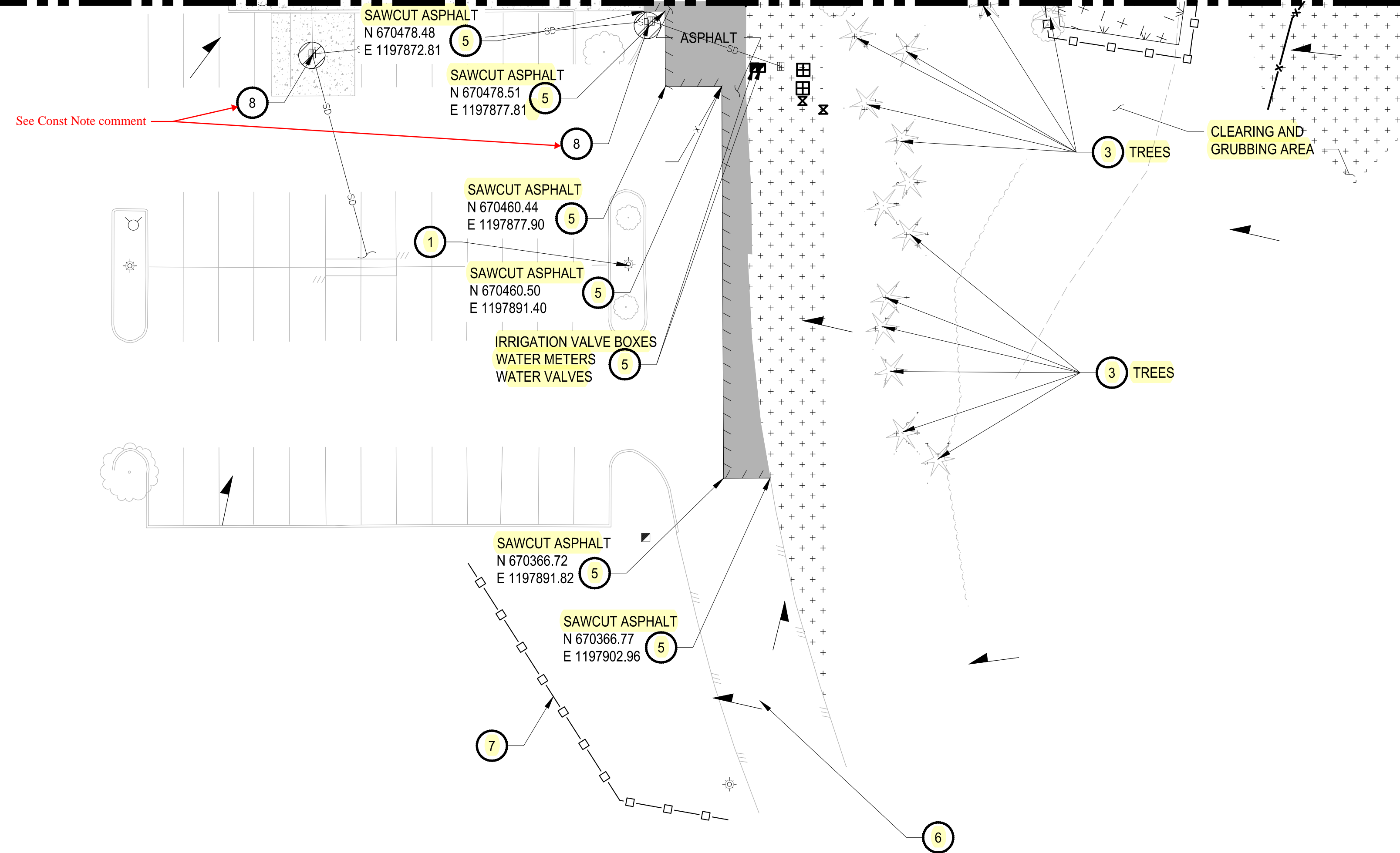
PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

DEMOLITION, TESC, CLEARING & GRUBBING PLAN

DRAWING NO. 14 OF 70 DM-03

MATCHLINE SEE SHEET DM-03

MATCHLINE SEE SHEET DM-03



APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES

DATE: [Signature]

SCALE IN FEET

NOTE: THIS PLAN IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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

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

LEGEND:

- SILTATION FENCE
- SAWCUT LINE
- DEMOLITION AND REMOVAL
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NOTE: Max. overland flow tributary to any Silt Fence is 100-ft. Revise TESC plan accordingly.

See comments Sheet DM00

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

LAYOUT: DM-05 PATH: U:\PSO\Projects\Clients\7312-Bemaroya\217-7312-004_SIB&TCParkingExpansion\99Sves\CAD\DWG PLOTTED BY: peltrus DATE: Tuesday, May 18, 2021 11:40:30 AM

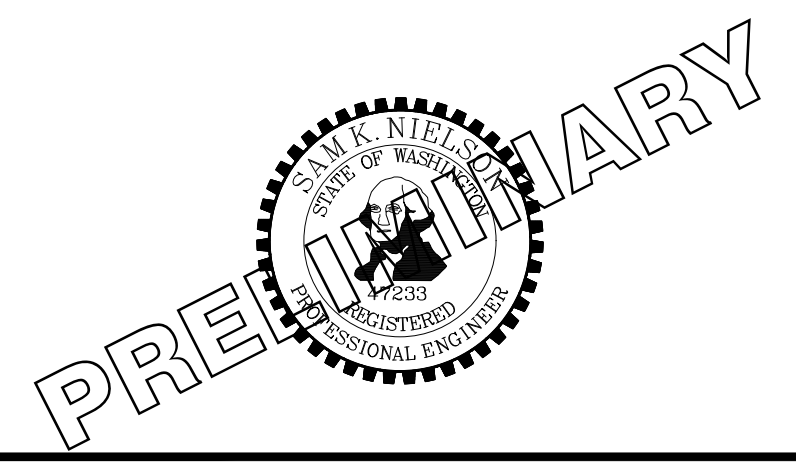
REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			RLP
			CHECKED
			DCS
			APPROVED
			SKN

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
03-PS0731200C-DM

JOB No.
217-7312-004

DATE
MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

DEMOLITION, TESC, CLEARING & GRUBBING PLAN

DRAWING NO.
16 OF 70
DM-05

APPROVED

BY: _____
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES

DATE: _____

NOTE:
 THIS APPROVAL IS VOID AFTER 180
 DAYS FROM APPROVAL DATE.

**THE CITY WILL NOT BE RESPONSIBLE FOR
 ERRORS AND/OR OMISSIONS ON
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 SERVICES MANAGER.**

NOTE:

1. GEOTEXTILE MIRAFI 500 X OR APPROVED EQUAL SHALL BE PLACED UNDER THE ENTIRETY OF THE TEMPORARY ENTRANCE.
2. ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN PROPER FUNCTION OF THE PAD.
3. IF THE PAD DOES NOT ADEQUATELY REMOVE THE MUD FROM THE VEHICLE'S WHEELS, THE WHEELS SHALL BE HOSED OFF BEFORE THE VEHICLE ENTERS A PAVED STREET. THE WASHING SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK AND WASH WATER SHALL DRAIN TO A SEDIMENT RETENTION FACILITY OR THROUGH A SILT FENCE.

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

TEMPORARY CONSTRUCTION ENTRANCE

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
05.01.01				

NOTES:

- SILT FENCE SHALL BE INSTALLED ON CONTOUR OTHER INSTALLATIONS ARE NOT ACCEPTABLE.
- *FILTER FABRIC TO BE DETERMINED BY DESIGN ENGINEER
- PROVIDE 3/4" - 1.5" WASHED GRAVEL BACKFILL IN TRENCH AND ON BOTH SIDES OF FILTER FABRIC FABRIC ON THE SURFACE

TYPICAL CROSS SECTION

ELEVATION

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

SILTATION FENCE

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
02.03.02				

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

STRAW BALE BARRIER FOR INLET

Delete...see comment DM01

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
02.03.03				

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

BARRIER WITH GRAVEL OUTLET

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
02.03.04				

- Add Ecology's Silt Fence Notes per BMP C233:
1. The contractor shall install and maintain temporary silt fences at the locations shown in the Plans.
 2. Construct silt fences in areas of clearing, grading, or drainage prior to starting those activities.
 3. The silt fence shall have a 2-foot min. and a 2 1/2-foot max. height above the original ground surface.
 4. The filter fabric shall be sewn together at the point of manufacture to form filter fabric lengths as required. Locate all sewn seams at support posts. Alternatively, two sections of silt fence can be overlapped, provided the Contractor can demonstrate, to the satisfaction of the Engineer, that the overlap is long enough and that the adjacent fence sections are close enough together to prevent silt laden water from escaping through the fence at the overlap.
 5. Attach the filter fabric on the up-slope side of the posts and secure with staples, wire, or in accordance with the manufacturer's recommendations. Attach the filter fabric to the posts in a manner that reduces the potential for tearing.
 6. Support the filter fabric with wire or plastic mesh, dependent on the properties of the geotextile selected for use. If wire or plastic mesh is used, fasten the mesh securely to the up-slope side of the posts with the filter fabric up-slope of the mesh.
 7. Mesh support, if used, shall consist of steel wire with a maximum mesh spacing of 2-inches, or a prefabricated polymeric mesh. The strength of the wire or polymeric mesh shall be equivalent to or greater than 180 lbs. grab tensile strength. The polymeric mesh must be as resistant to the same level of ultraviolet radiation as the filter fabric it supports.
 8. Bury the bottom of the filter fabric 4-inches min. below the ground surface. Backfill and tamp soil in place over the buried portion of the filter fabric, so that no flow can pass beneath the fence and scouring cannot occur. When wire or polymeric back-up support mesh is used, the wire or polymeric mesh shall extend into the ground 3-inches min.
 9. Drive or place the fence posts into the ground 18-inches min. A 12-inch min. depth is allowed if topsoil or other soft subgrade soil is not present and 18-inches cannot be reached. Increase fence post min. depths by 6 inches if the fence is located on slopes of 3H:1V or steeper and the slope is perpendicular to the fence. If required post depths cannot be obtained, the posts shall be adequately secured by bracing or guying to prevent overturning of the fence due to sediment loading.
 10. Use wood, steel or equivalent posts. The spacing of the support posts shall be a maximum of 6-feet. Posts shall consist of either:
 - Wood with dimensions of 2-inches by 2-inches wide min. and a 3-foot min. length. Wood posts shall be free of defects such as knots, splits, or gouges.
 - No. 6 steel rebar or larger.
 - ASTM A 120 steel pipe with a minimum diameter of 1-inch.
 - U, T, L, or C shape steel posts with a minimum weight of 1.35 lbs./ft.
 - Other steel posts having equivalent strength and bending resistance to the post sizes listed above.
 11. Locate silt fences on contour as much as possible, except at the ends of the fence, where the fence shall be turned uphill such that the silt fence captures the runoff water and prevents water from flowing around the end of the fence.
 12. If the fence must cross contours, with the exception of the ends of the fence, place gravel check dams perpendicular to the back of the fence to minimize concentrated flow and erosion. The slope of the fence line where contours must be crossed shall not be steeper than 3H:1V.
 - Gravel check dams shall be approximately 1-foot deep at the back of the fence. Gravel check dams shall be continued perpendicular to the fence at the same elevation until the top of the check dam intercepts the ground surface behind the fence.
 - Gravel check dams shall consist of crushed surfacing base course, gravel backfill for walls, or shoulder ballast. Gravel check dams shall be located every 10 feet along the fence where the fence must cross contours.

BLOCK AND GRAVEL FILTER

FILTER FABRIC FENCE

STRAW BALE BARRIER

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

STORM DRAIN BARRIERS

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
02.03.05				

CONDITIONS WHERE PRACTICE APPLIES

1. BLOCK AND GRAVEL FILTER - APPLICABLE FOR AREAS GREATER THAN 5% SLOPE.
2. FILTER FABRIC FENCE - APPLICABLE WHERE THE INLET DRAINS A RELATIVELY SMALL (ONE ACRE OR LESS) AND FLAT AREA (LESS THAN 5% SLOPE).
3. STRAW BALE BARRIER - APPLICABLE WHERE INLET DRAINS A RELATIVELY FLAT DISTURBED AREA (LESS THAN 5% SLOPE) IN WHICH SHEET FLOW (NOT EXCEEDING 0.5 FT/SEC.) OCCURS. BARRIERS OF THIS TYPE SHOULD NOT BE PLACED AROUND INLETS RECEIVING CONCENTRATED FLOWS SUCH AS THOSE ALONG MAJOR STREETS AND HIGHWAYS.

1. BLOCK AND GRAVEL FILTER - INSTALLATION PROCEDURE

- A: PLACE WIRE MESH OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF ONE FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. USE WIRE SCREEN WITH 1/2-INCH OPENINGS. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, OVERLAP THE STRIPS. PLACE FILTER FABRIC OVER WIRE MESH.
- B: PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, SO THAT THE OPEN ENDS FACE OUTWARD, NOT UPWARD. THE ENDS OF ADJACENT BLOCKS SHOULD ABUT. THE HEIGHT OF THE BARRIER CAN BE VARIED, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF BLOCKS THAT ARE 4-INCH, 8-INCH AND 12-INCH WIDE. THE ROW OF BLOCKS SHOULD BE AT LEAST 12-INCHES BUT NO GREATER THAN 24-INCHES HIGH.
- C: PLACE WIRE SCREEN OVER THE OVERSIDE VERTICAL FACE (OPEN END) OF THE CONCRETE BLOCKS TO PREVENT STONES FROM BEING WASHED THROUGH THE BLOCKS. USE WIRE SCREEN WITH 1/2-INCH OPENINGS.
- D: PILE STONES AGAINST THE WIRE MESH TO THE TOP OF THE BLOCKS. USE 3/4" MINUS WASHED GRAVEL.

2. FILTER FABRIC FENCE - INSTALLATION PROCEDURE

- A: PLACE 2-INCH BY 2-INCH WOODEN STAKES AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART AND DRIVE THEM AT LEAST 8-INCHES INTO THE GROUND. THE STAKES MUST BE AT LEAST 3 FEET LONG.
- B: EXCAVATE A TRENCH APPROXIMATELY 8-INCHES WIDE AND 12-INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES.
- C: PLACE THE FILTER FABRIC TO THE WOODEN STAKES SO THAT 32-INCHES OF THE FABRIC EXTENDS AND CAN BE FORMED INTO THE TRENCH, AND USE HEAVY-DUTY WIRE STAPLES AT LEAST 1/2-INCHES LONG.
- D: BACKFILL THE TRENCH WITH 3/4-INCH MINUS WASHED GRAVEL ALL THE WAY AROUND.

3. STRAW BALE BARRIER - INSTALLATION PROCEDURE

- A: EXCAVATE A 4-INCH DEEP TRENCH AROUND THE INLET. MAKE THE TRENCH AS WIDE AS A STRAW BALE.
- B: ORIENT STRAW BALES WITH THE BINDINGS AROUND THE SIDES OF THE BALES RATHER THAN OVER AND UNDER THE BALES.
- C: PLACE BALES LENGTHWISE AROUND THE INLET AND PRESS THE ENDS OF ADJACENT BALES SECURELY IN PLACE.
- D: DRIVE TWO 2-INCH BY 2-INCH STAKES THROUGH EACH BALE TO ANCHOR THE BALE SECURELY IN PLACE.
- E: BACKFILL THE EXCAVATED SOIL AND COMPACT IT AGAINST THE BALE.
- F: WEDGE LOOSE STRAW BETWEEN BALES TO PREVENT WATER FROM FLOWING BETWEEN BALES.

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

STORM DRAIN BARRIERS NOTES

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
02.03.06				

1. 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.
2. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR 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.
3. 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.
4. 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.
5. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
6. 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.
7. 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.

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

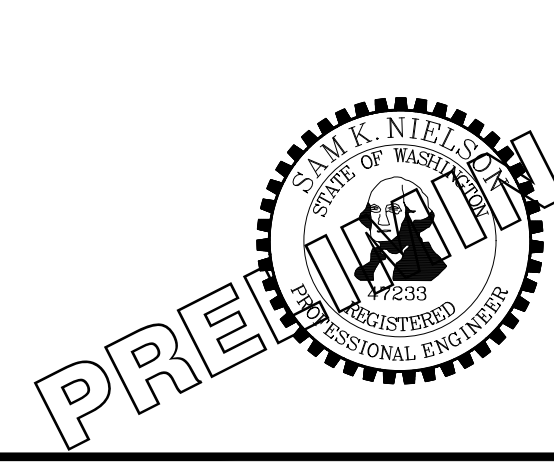
GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	CITY
PREPARED BY	CHECKED BY	APPROVED BY	DATE	STANDARD
05.02.01				

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	CLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: 03-PS0731200C-DM
 JOB No: 217-7312-004
 DATE: MAY 2021



Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING and
 PUBLIC WORKS DEPARTMENTS

PROJECT NAME
 SOUTH HILL BUILDING &
 TECHNOLOGY CENTER
 PARKING EXPANSION
 PUYALLUP, WA

NOTE:
 SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION

DEMOLITION, TESC, CLEARING & GRUBBING DETAILS

DRAWING NO.
 17 OF 70
DM-06

APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES



SCALE IN FEET IS VOID AFTER 180 FEET FROM APPROVED DATE.

50% SHALL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

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

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
- ASPHALT SURFACE
- CEMENT CONCRETE SIDEWALK
- STORM DRAINAGE PIPE (SIZE PER PLAN)
- CATCH BASIN (TYPE PER PLAN)
- STORM SEWER MANHOLE
- COMPACT PARKING STALL 8'x19'
- STANDARD PARKING STALL 9'x20'
- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
2. ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
3. PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

1. INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
2. INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
3. INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
4. INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09.
5. INSTALL SIDEWALK, SEE CITY OF PUYALLUP STANDARD NO. 01.02.01 ON SHEET SD-09. *Confirm callout*
6. INSTALL PARKING STALL PAINT MARKINGS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09.
7. INSTALL COMPLETE ADA PARKING STALLS CHANNELIZATION AND SIGNS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. ALL SLOPES SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
8. INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
9. CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
10. INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

STORM DRAINAGE CONSTRUCTION NOTES:

1. INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
2. NOT USED
3. INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
4. INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11. *Confirm callout*
5. INSTALL STORM DRAIN CLEAN OUT.

Add the following Notes:
The bioretention soil mix supplier shall certify in writing that the bioretention soil mix complies with the processes, testing, and standards specified by the 2012/2014 Ecology Manual Bioretention Soil Media Specification, BMP 7.30.

At the completion of the bioretention cells construction, the engineer-of-record shall provide a written statement to the City of Puyallup that the bioretention cells were built per the approved design.

NOTE:
SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

HARDSCAPE & STORM DRAINAGE PLAN COMPOSITE

DRAWING NO. 18 OF 70
SD-00

PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER
PARKING EXPANSION
PUYALLUP, WA



PRELIMINARY



ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
04-PS0731200C-SD-HS
JOB No.
217-7312-004
DATE
MAY 2021

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

LAYOUT: SD-00 PATH: U:\PSD\Projects\Clients\7312-7312-004_SHB&TParkingExpansion\985\CAADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:41:41 AM

APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES



SCALE IN FEET IS VOID AFTER 180 FEET FROM APPROVAL DATE. THIS DRAWING WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

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

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
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- STORM DRAINAGE PIPE (SIZE PER PLAN)
- CATCH BASIN (TYPE PER PLAN)
- STORM SEWER MANHOLE
- COMPACT PARKING STALL 8'x19'
- STANDARD PARKING STALL 9'x20'
- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

- CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
- ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
- PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
- INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09.
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- INSTALL COMPLETE ADA PARKING STALLS CHANNELIZATION AND SIGNS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. ALL SLOPES SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
- INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
- CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
- INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

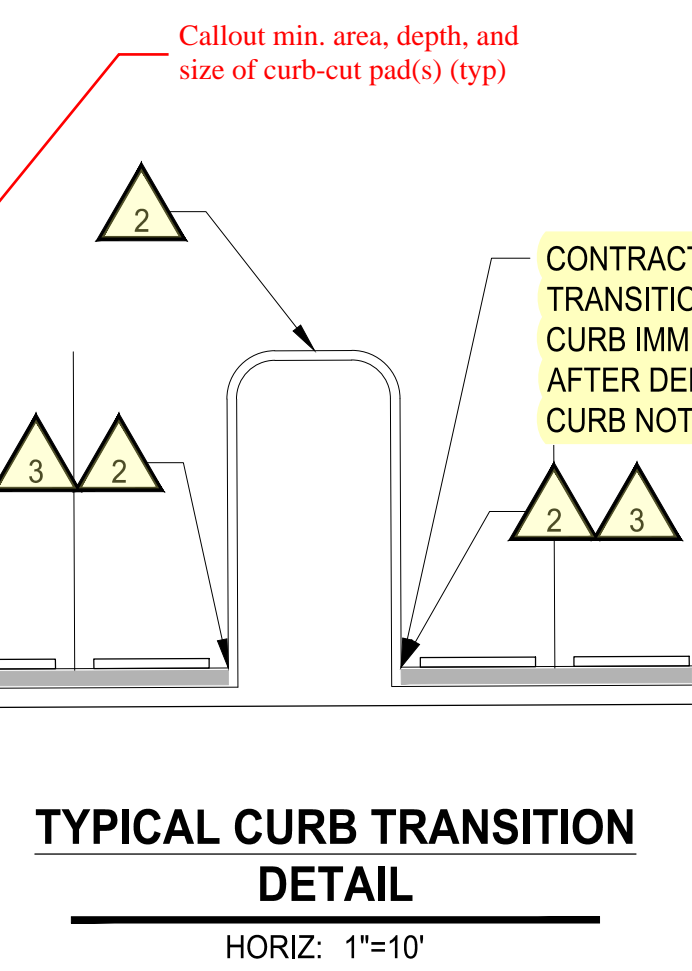
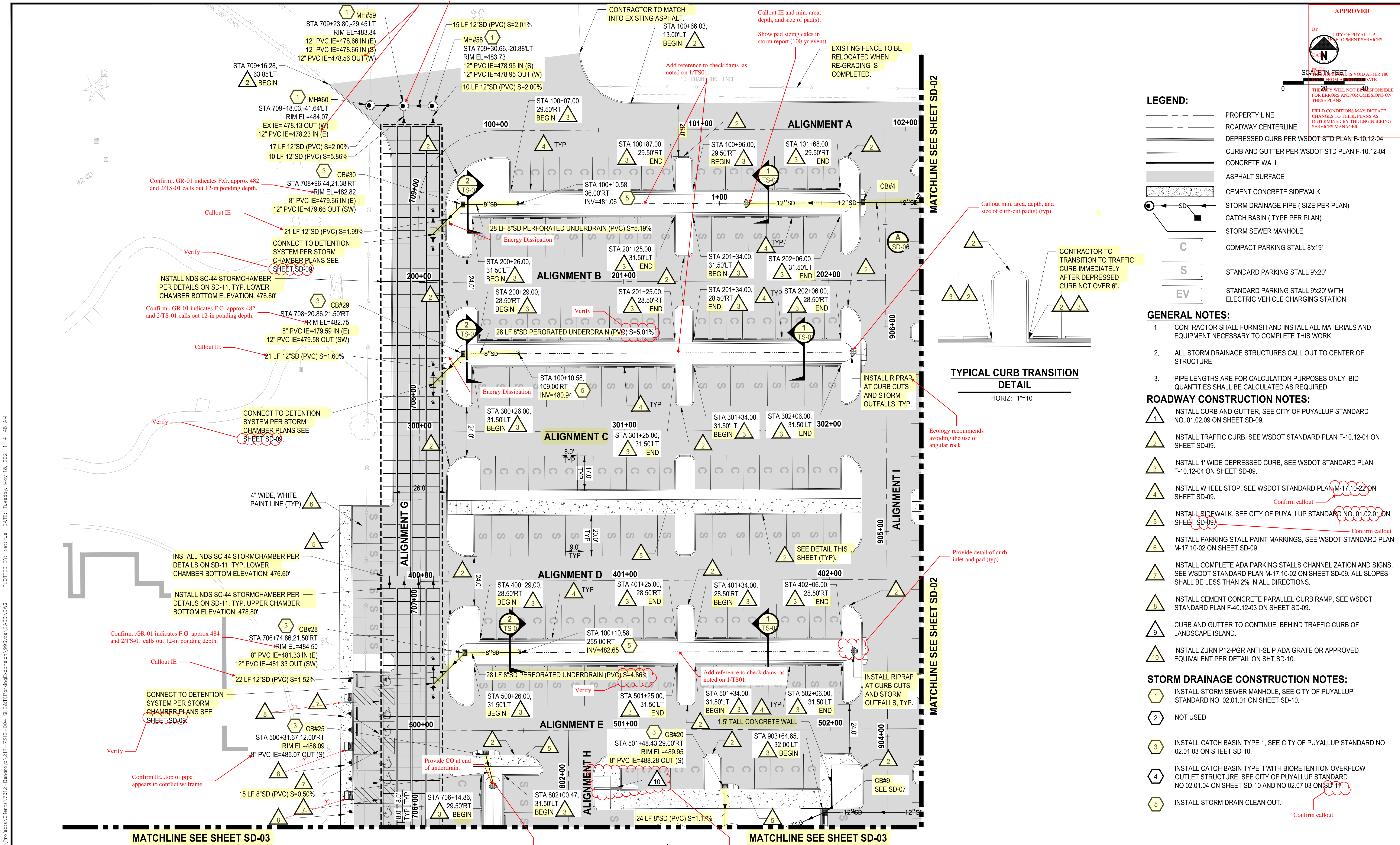
STORM DRAINAGE CONSTRUCTION NOTES:

- INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
- NOT USED
- INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO. 02.01.03 ON SHEET SD-10.
- INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.04 ON SHEET SD-10 AND NO. 02.07.03 ON SD-11.
- INSTALL STORM DRAIN CLEAN OUT.

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

HARDSCAPE & STORM DRAINAGE PLAN SD-01



NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				WZG	RLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: Q4-PS0731200C-SD-HS

JOB NO: 217-7312-004

DATE: MAY 2021

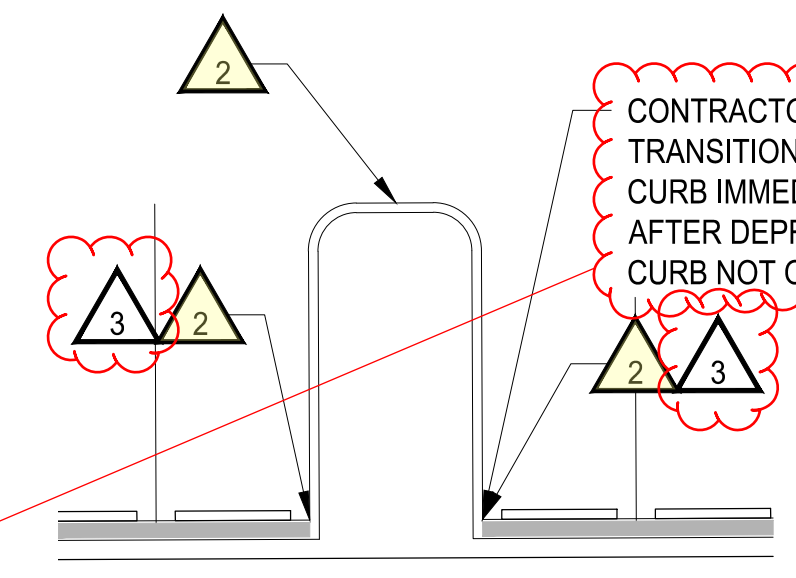
PRELIMINARY



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

Vertical text on the left margin: LAYOUT: SD-01, PATH: U:\PS07\Projects\clients\7312-Benaroya\217-7312-004-SHB&T\parking\expansion\985\scs\CADD\DWG, PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:41:48 AM

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
DATE: 05/15/2021
SCALE IN FEET IS VOID AFTER 180 FEET FROM APPROVED DATE.
THEY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.



TYPICAL CURB TRANSITION DETAIL
HORIZ: 1"=10'

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
- ASPHALT SURFACE
- CEMENT CONCRETE SIDEWALK
- STORM DRAINAGE PIPE (SIZE PER PLAN)
- CATCH BASIN (TYPE PER PLAN)
- STORM SEWER MANHOLE
- COMPACT PARKING STALL 8'x19'
- STANDARD PARKING STALL 9'x20'
- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

- CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
- ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
- PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

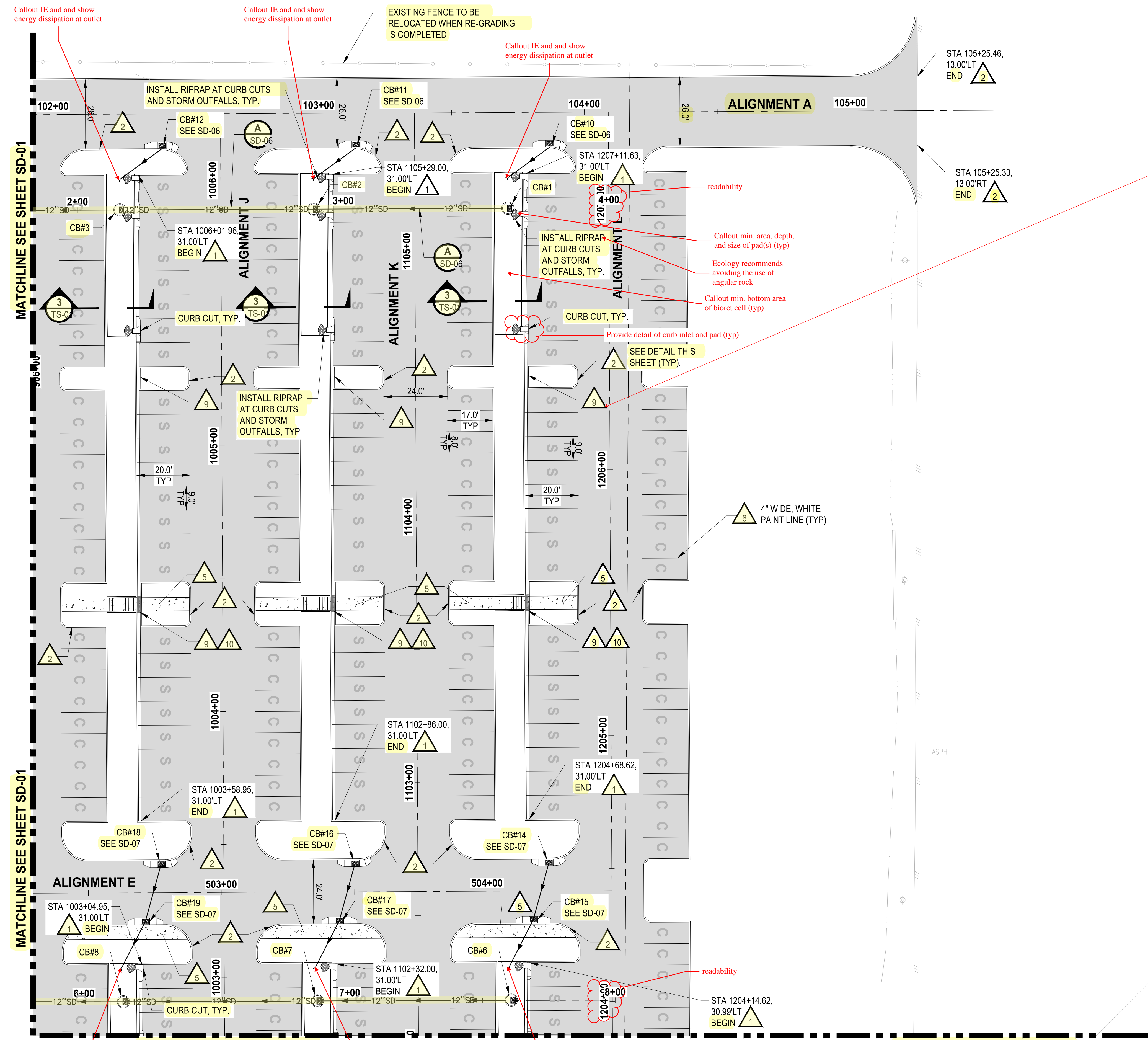
- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
- INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09. *Confirm callout*
- INSTALL SIDEWALK, SEE CITY OF PUYALLUP STANDARD NO. 01.02.01 ON SHEET SD-09. *Confirm callout*
- INSTALL PARKING STALL PAINT MARKINGS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09.
- INSTALL COMPLETE ADA PARKING STALLS CHANNELIZATION AND SIGNS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. ALL SLOPES SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
- INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
- CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
- INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

STORM DRAINAGE CONSTRUCTION NOTES:

- INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
- NOT USED
- INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
- INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
- INSTALL STORM DRAIN CLEAN OUT. *Confirm callout*

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION



MATCHLINE SEE SHEET SD-01

MATCHLINE SEE SHEET SD-01

MATCHLINE SEE SHEET SD-04

MATCHLINE SEE SHEET SD-04

LAYOUT: SD-02 PATH: U:\PSD\Projects\Cherita\7312-Benaroya\217-7312-004_SIB&TParkingExpansion\985\CA\DD\DMG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:41:56 AM

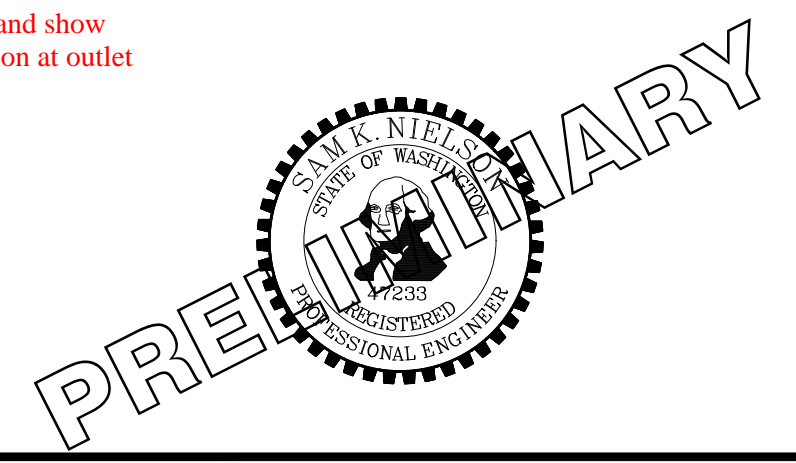
NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
1	WZG						
2	CLP						
3	DCS						
4	SKN						

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: Q4-PS0731200C-SD-HS

JOB No: 217-7312-004

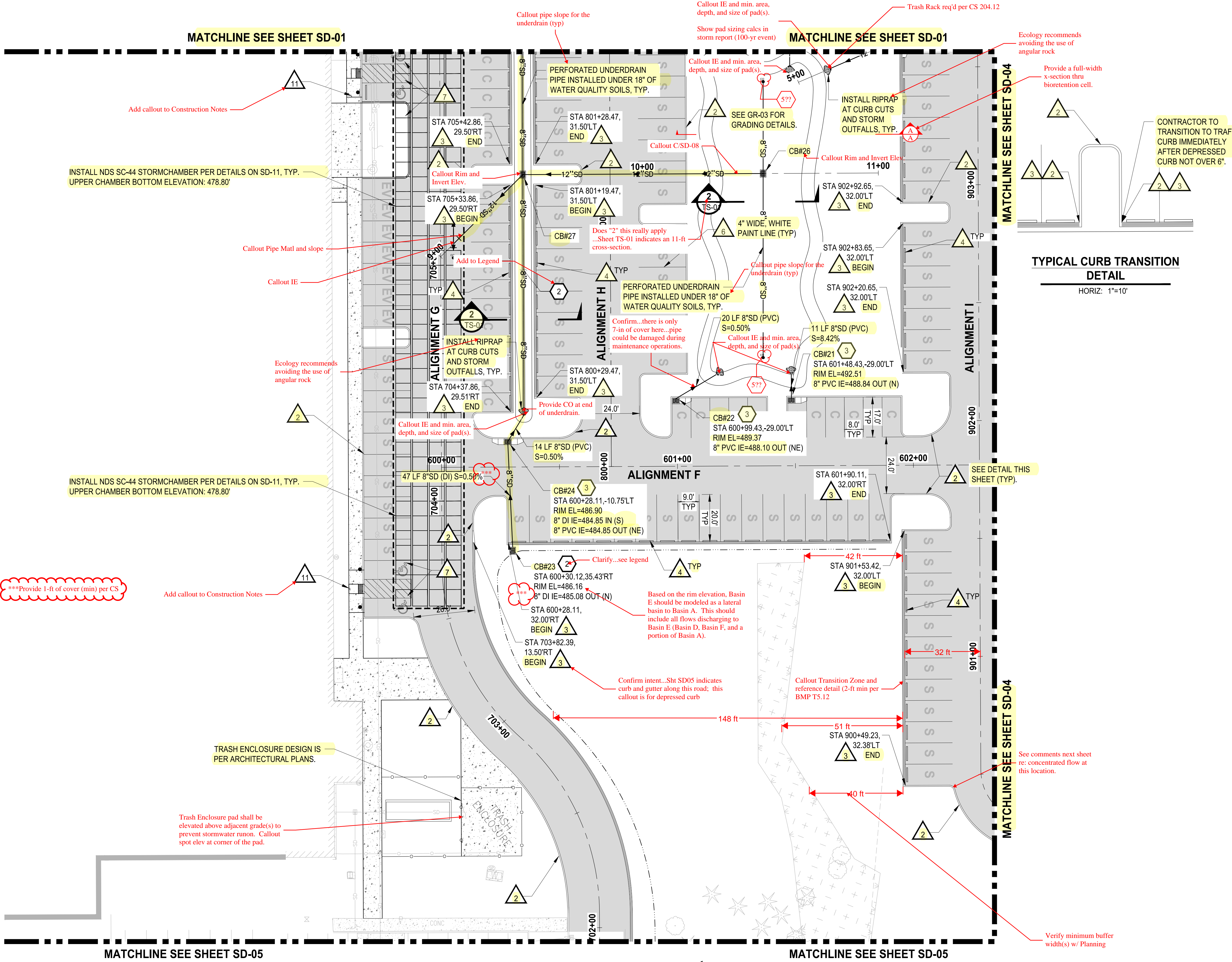
DATE: MAY 2021



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

HARDSCAPE & STORM DRAINAGE PLAN

DRAWING NO. 20 OF 70 SD-02



LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
- ASPHALT SURFACE
- CEMENT CONCRETE SIDEWALK
- STORM DRAINAGE PIPE (SIZE PER PLAN)
- CATCH BASIN (TYPE PER PLAN)
- STORM SEWER MANHOLE
- COMPACT PARKING STALL 8'x19'
- STANDARD PARKING STALL 9'x20'
- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

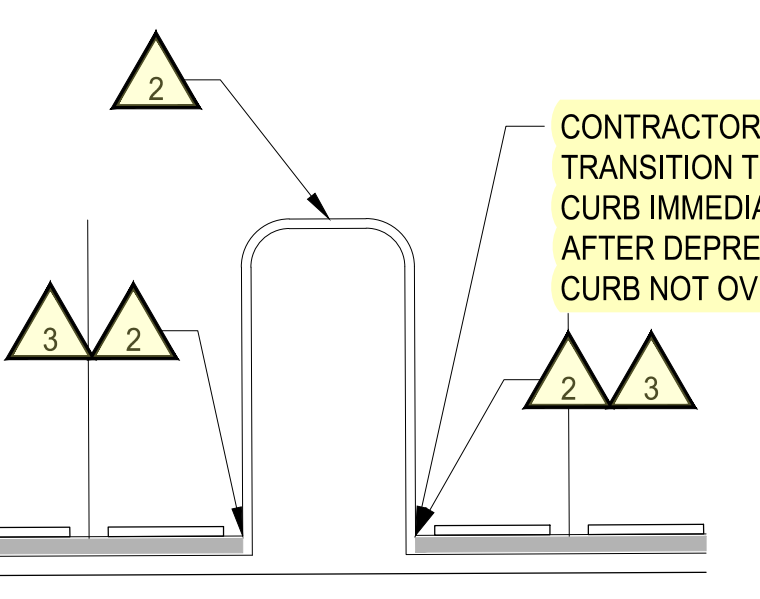
- CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
- ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
- PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
- INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09.
- INSTALL SIDEWALK, SEE CITY OF PUYALLUP STANDARD NO. 01.02.01 ON SHEET SD-09.
- INSTALL PARKING STALL PAINT MARKINGS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09.
- INSTALL COMPLETE ADA PARKING STALLS CHANNELIZATION AND SIGNS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. ALL SLOPES SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
- INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
- CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
- INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

STORM DRAINAGE CONSTRUCTION NOTES:

- INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
- NOT USED *Called out on plan view*
- INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
- INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
- INSTALL STORM DRAIN CLEAN OUT. *Confirm callout*



TYPICAL CURB TRANSITION DETAIL
HORIZ: 1"=10'

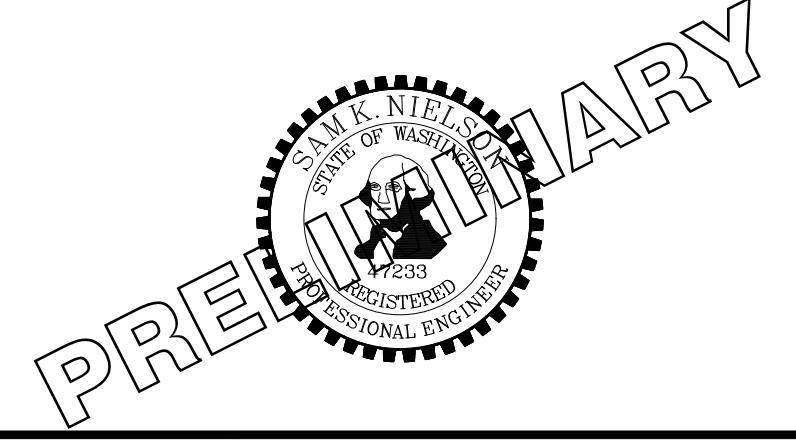
NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:42:05 AM
PATH: U:\P\SD\Projects\Clients\7312-Benaroya\217-7312-004_Shib&CParkingExpansion\985\CA\DD\DWG
LAYOUT: SD-03

NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				WZG	RLP	DCS	SKN

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME: Q4-P\SD\731200C-SD-HS
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

HARDSCAPE & STORM DRAINAGE PLAN
DRAWING NO. 21 OF 70
SD-03



SCALE IN FEET IS VOID AFTER 180 FEET FROM APPROVED DATE.

THIS DRAWING WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

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

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
- ASPHALT SURFACE
- CEMENT CONCRETE SIDEWALK
- SD --- STORM DRAINAGE PIPE (SIZE PER PLAN)
- CATCH BASIN (TYPE PER PLAN)
- STORM SEWER MANHOLE
- C --- COMPACT PARKING STALL 8'x19'
- S --- STANDARD PARKING STALL 9'x20'
- EV --- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
2. ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
3. PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

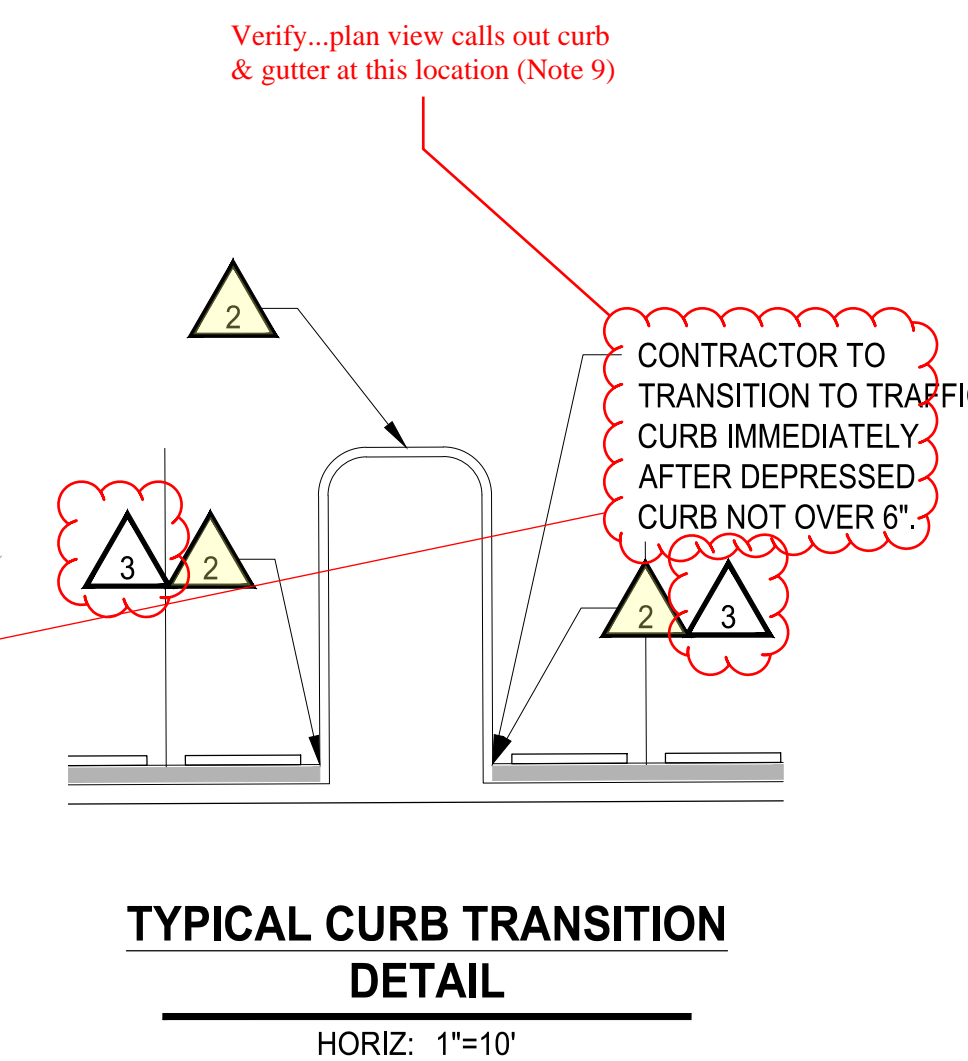
1. INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
2. INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
3. INSTALL 1' WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
4. INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09. *Confirm callout*
5. INSTALL SIDEWALK, SEE CITY OF PUYALLUP STANDARD NO. 01.02.01 ON SHEET SD-09. *Confirm callout*
6. INSTALL PARKING STALL PAINT MARKINGS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09.
7. INSTALL COMPLETE ADA PARKING STALLS CHANNELIZATION AND SIGNS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. ALL SLOPES SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
8. INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
9. CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
10. INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

STORM DRAINAGE CONSTRUCTION NOTES:

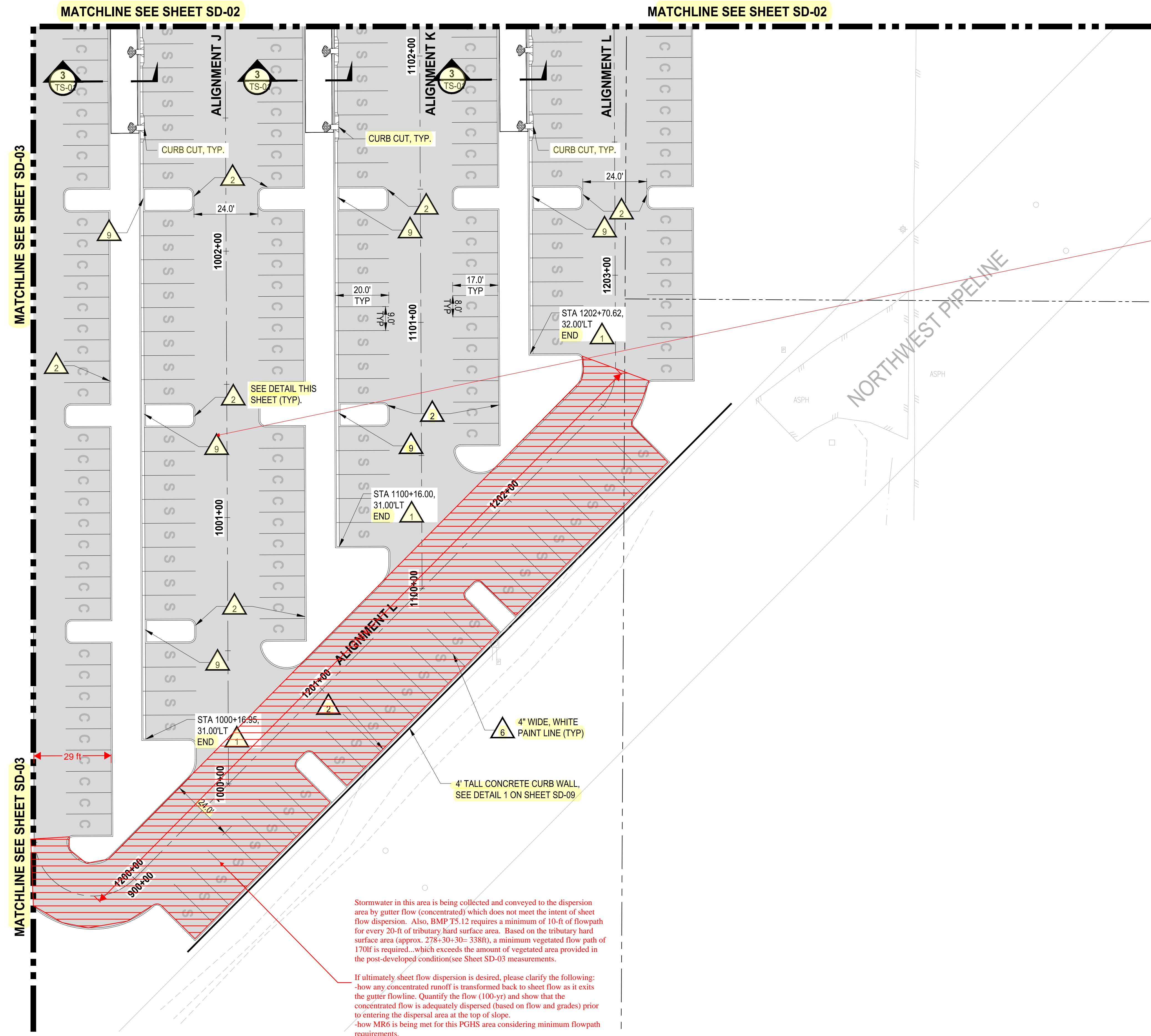
1. INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
2. NOT USED
3. INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
4. INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
5. INSTALL STORM DRAIN CLEAN OUT. *Confirm callout*

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION



TYPICAL CURB TRANSITION DETAIL
HORIZ: 1"=10'



Stormwater in this area is being collected and conveyed to the dispersion area by gutter flow (concentrated) which does not meet the intent of sheet flow dispersion. Also, BMP TS.12 requires a minimum of 10-ft of flowpath for every 20-ft of tributary hard surface area. Based on the tributary hard surface area (approx. 278+30+30= 338ft), a minimum vegetated flow path of 170ft is required...which exceeds the amount of vegetated area provided in the post-developed condition(see Sheet SD-03 measurements).

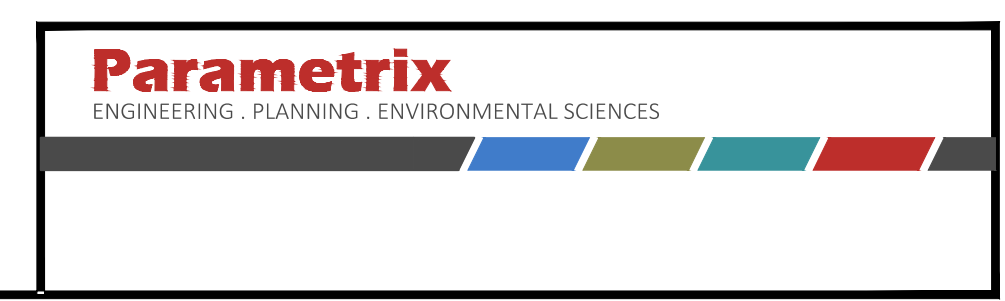
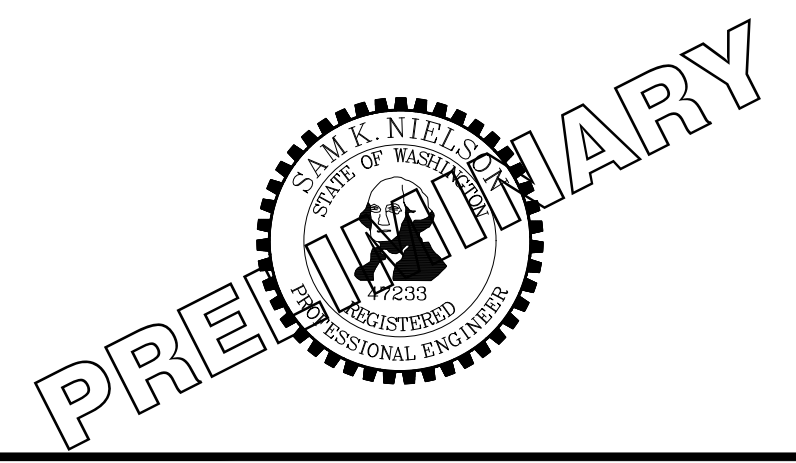
If ultimately sheet flow dispersion is desired, please clarify the following:
 -how any concentrated runoff is transformed back to sheet flow as it exits the gutter flowline. Quantify the flow (100-yr) and show that the concentrated flow is adequately dispersed (based on flow and grades) prior to entering the dispersal area at the top of slope.
 -how MR6 is being met for this PGHS area considering minimum flowpath requirements.

In addition, it appears that MR7 and MR8 apply to this basin (Basin D). Please see comments in the storm report.

LAYOUT: SD-04 PATH: U:\PDS\Projects\Cherita\7312-Beraroya\217-7312-004_SHB&TParkingExpansion\985\CAADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:42:13 AM

NO.	REVISIONS	DATE	BY	DESIGNED	WZG

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: Q4-PS0731200C-SD-HS
 JOB No.: 217-7312-004
 DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

HARDSCAPE & STORM DRAINAGE PLAN

DRAWING NO.
SD-04
 22 OF 70

APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES



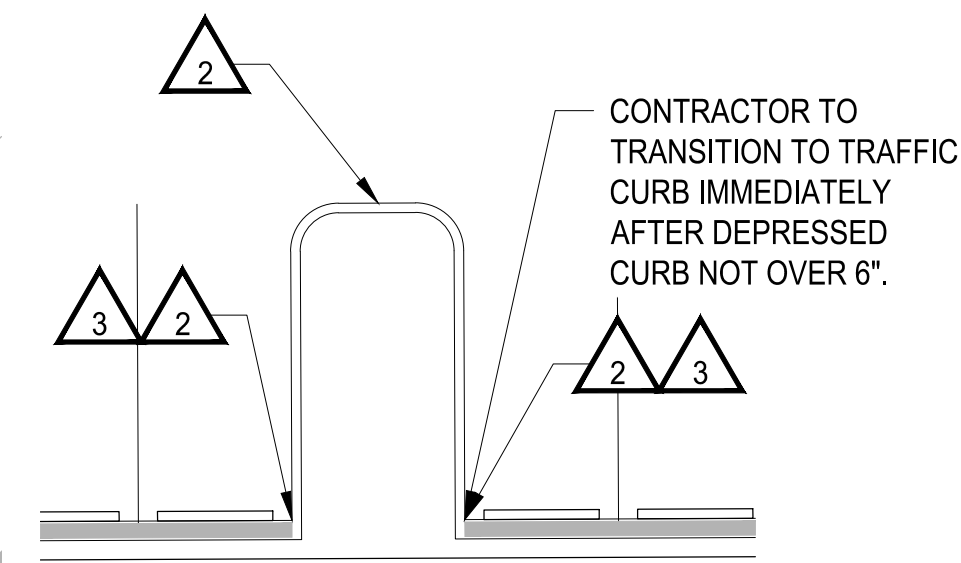
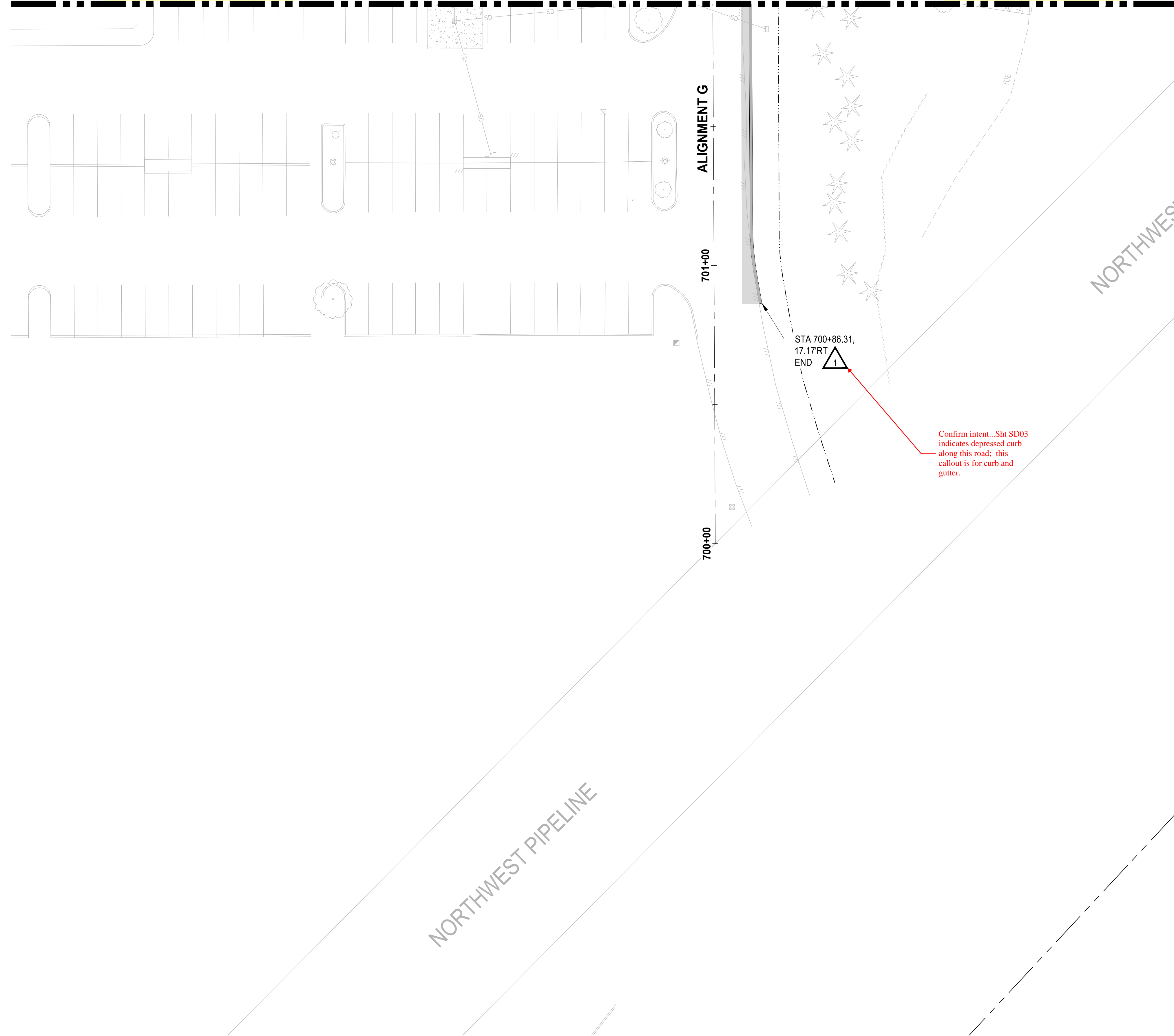
SCALE IN FEET IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

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MATCHLINE SEE SHEET SD-03

MATCHLINE SEE SHEET SD-03



TYPICAL CURB TRANSITION DETAIL

HORIZ: 1"=10'

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
- ASPHALT SURFACE
- CEMENT CONCRETE SIDEWALK
- STORM DRAINAGE PIPE (SIZE PER PLAN)
- CATCH BASIN (TYPE PER PLAN)
- STORM SEWER MANHOLE
- COMPACT PARKING STALL 8'x19'
- STANDARD PARKING STALL 9'x20'
- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
2. ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
3. PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
- INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL 1' WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09. *Confirm callout*
- INSTALL SIDEWALK, SEE CITY OF PUYALLUP STANDARD NO. 01.02.01 ON SHEET SD-09. *Confirm callout*
- INSTALL PARKING STALL PAINT MARKINGS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09.
- INSTALL COMPLETE ADA PARKING STALLS CHANNELIZATION AND SIGNS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. ALL SLOPES SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
- INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
- CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
- INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

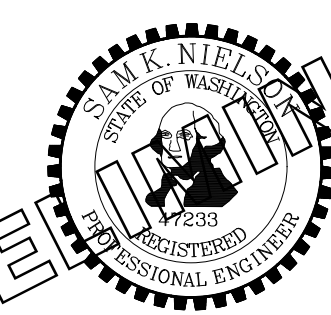
STORM DRAINAGE CONSTRUCTION NOTES:

- INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
- NOT USED
- INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
- INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
- INSTALL STORM DRAIN CLEAN OUT. *Confirm callout*

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

PRELIMINARY



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

HARDSCAPE & STORM DRAINAGE PLAN

DRAWING NO.
23 OF 70
SD-05

LAYOUT: SD-05 PATH: U:\PSD\Projects\Clients\7312-Benaroya\217-7312-004 SH&T\CParkingExpansion\98\Sves\CA00\DWG PLOTTED BY: petitrus DATE: Tuesday, May 18, 2021 11:42:21 AM

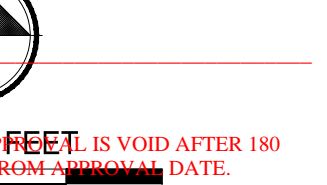
REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			RLP
			CHECKED
			DCS
			APPROVED
			SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME
Q4-PS0731200C-SD-HS

JOB No.
217-7312-004

DATE
MAY 2021



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

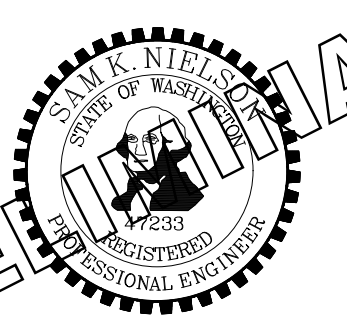
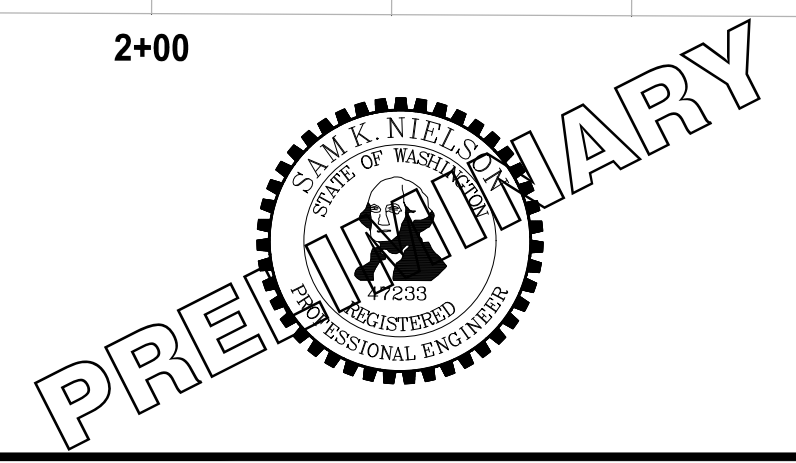
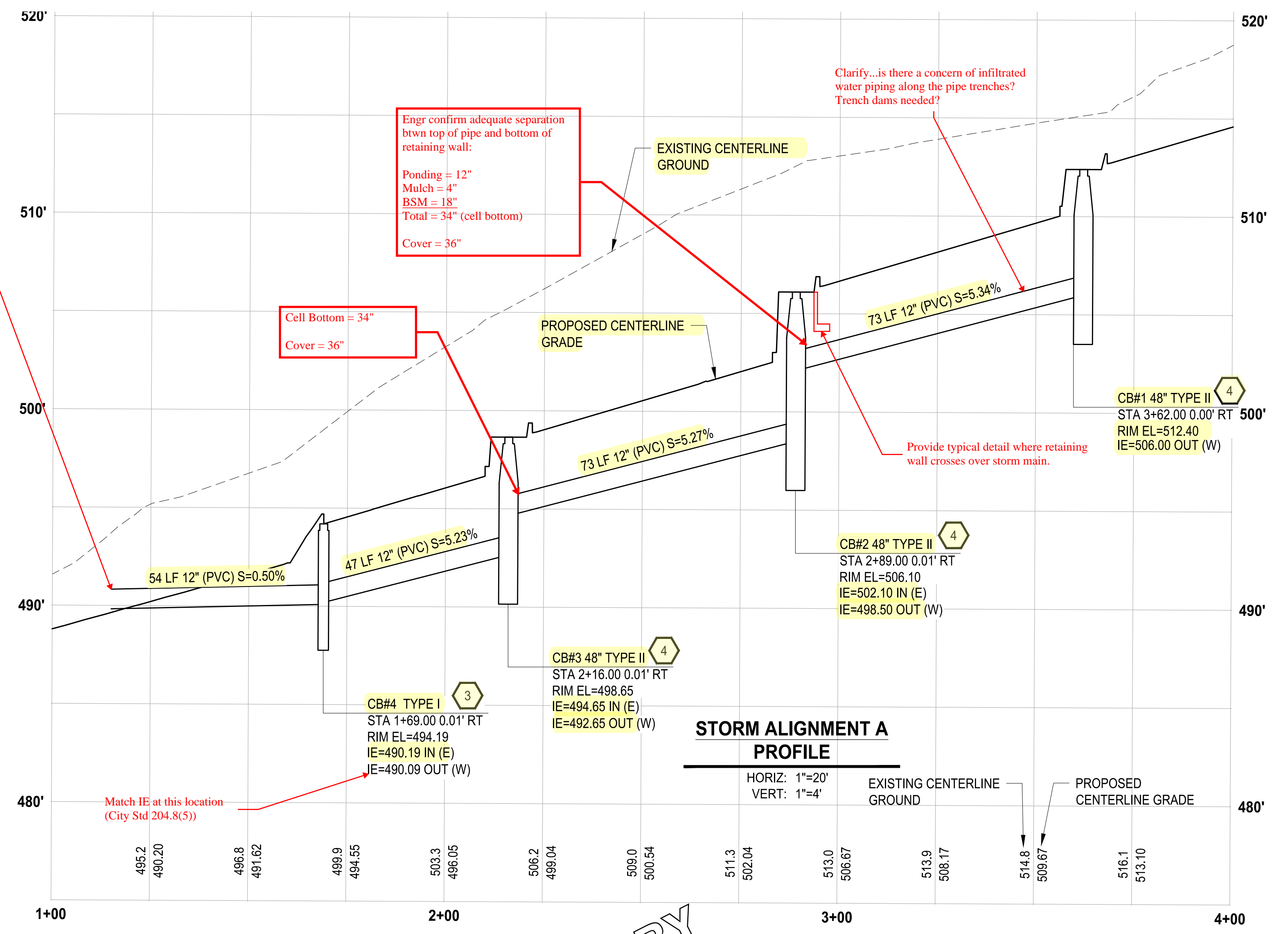
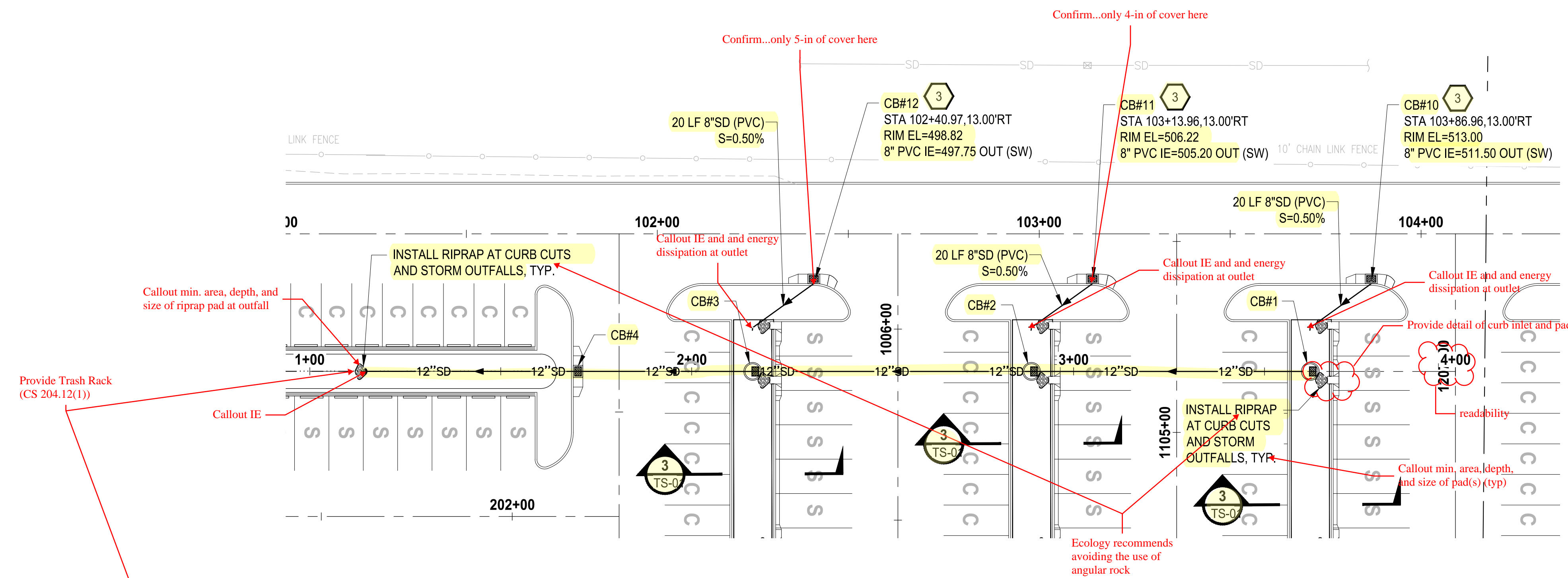
- LEGEND:**
- PROPERTY LINE
 - ROADWAY CENTERLINE
 - DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
 - CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
 - CONCRETE WALL
 - ASPHALT SURFACE
 - CEMENT CONCRETE SIDEWALK
 - STORM DRAINAGE PIPE (SIZE PER PLAN)
 - CATCH BASIN (TYPE PER PLAN)
 - STORM SEWER MANHOLE
 - COMPACT PARKING STALL 8'x19'
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 - STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

- GENERAL NOTES:**
- CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
 - ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
 - PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

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- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
 - INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
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 - INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
 - CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
 - INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

- STORM DRAINAGE CONSTRUCTION NOTES:**
- INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
 - NOT USED
 - INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
 - INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
 - INSTALL STORM DRAIN CLEAN OUT.

NOTE: SYMBOLS NOT TO SCALE **100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION**



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

STORM DRAINAGE PLAN & PROFILE
DRAWING NO. **SD-06**
24 OF 70

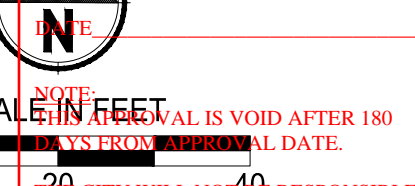
PATH: U:\PDS\Projects\217-7312-004_SHB&TCParkingExpansion\98\Sves\CA00\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:42:28 AM LAYOUT: SD-06

NO.	REVISIONS	DATE	BY	DESIGNED	CHECKED	APPROVED
				WZG	RLP	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME: Q4-P50731200C-SD-HS
JOB No.: 217-7312-004
DATE: MAY 2021

APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES



SCALE IN FEET
0 20 40
THIS DRAWING IS VOID AFTER 180 DAYS FROM THE DATE OF ISSUE.
CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
- CONCRETE WALL
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- STANDARD PARKING STALL 9'x20' WITH ELECTRIC VEHICLE CHARGING STATION

GENERAL NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
2. ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
3. PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

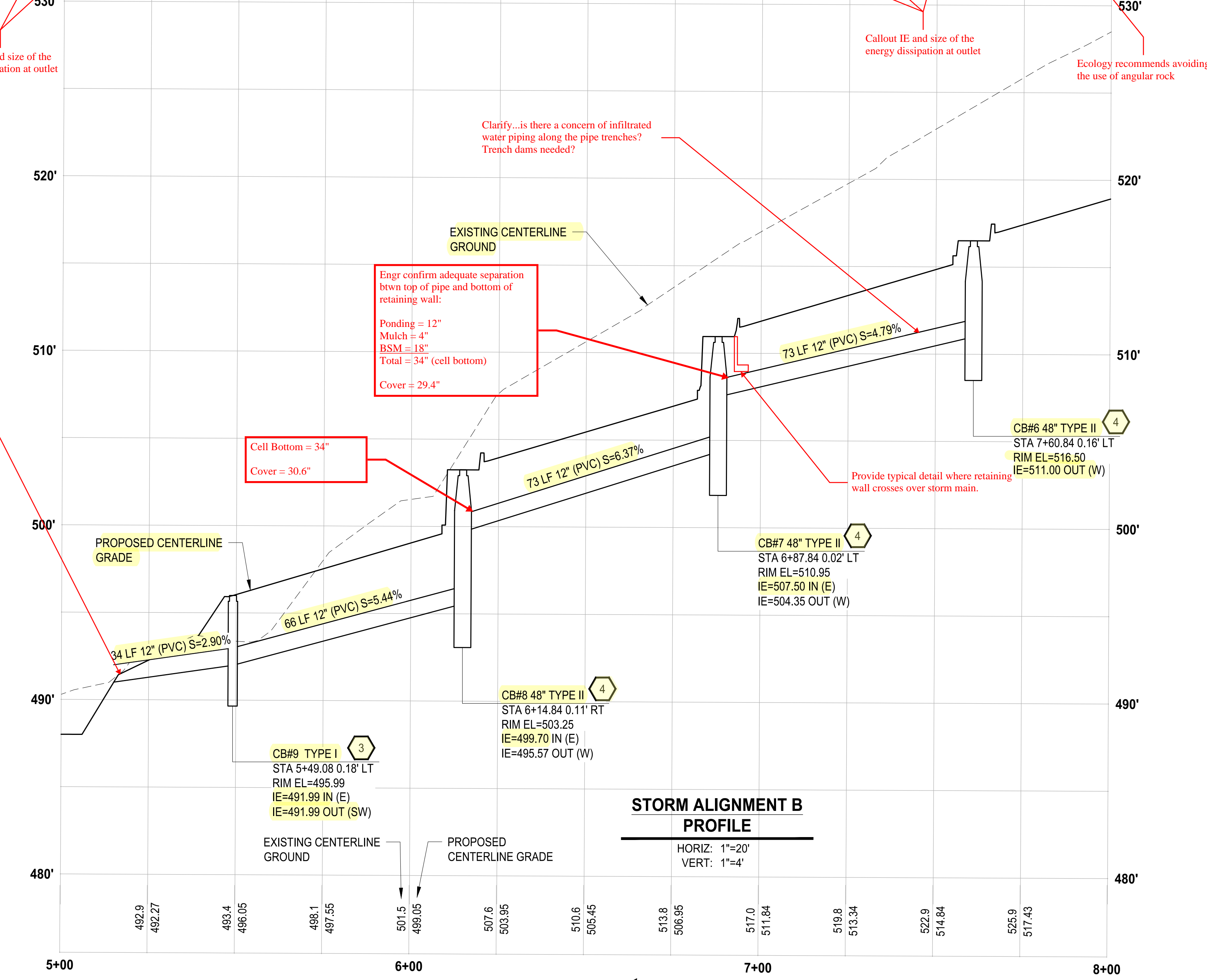
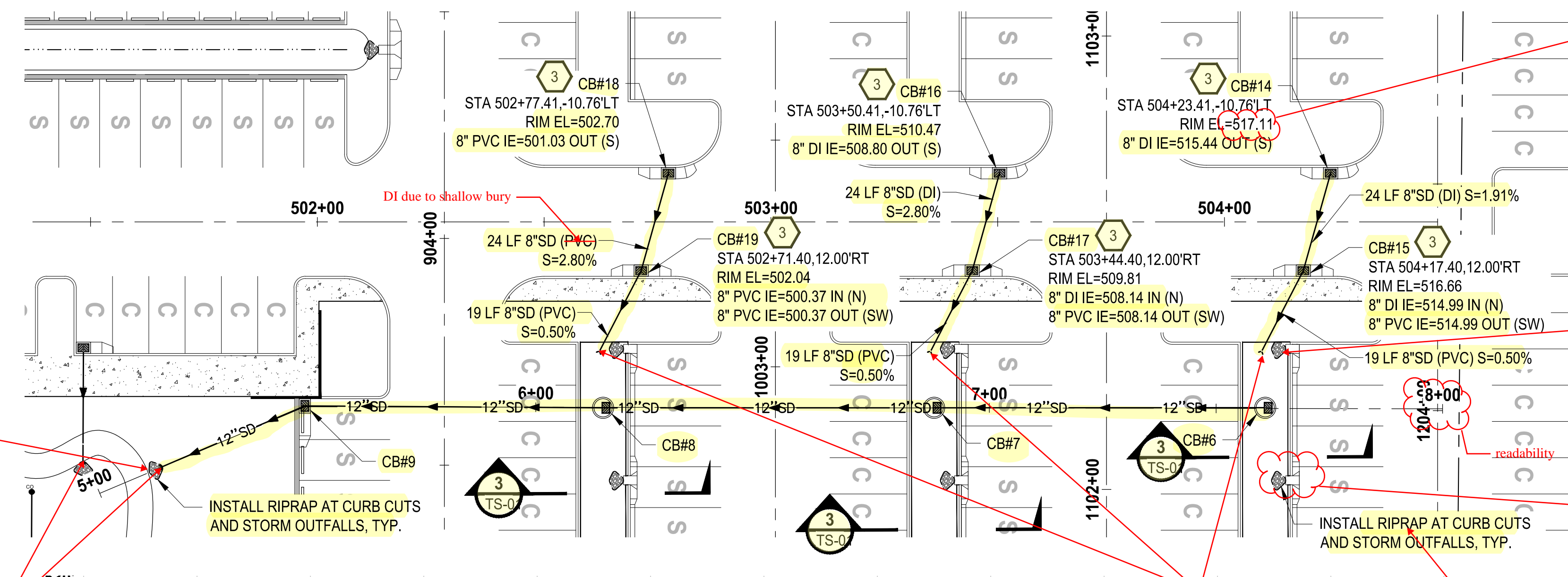
1. INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
2. INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
3. INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
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8. INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
9. CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
10. INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

STORM DRAINAGE CONSTRUCTION NOTES:

1. INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
2. NOT USED
3. INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
4. INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
5. INSTALL STORM DRAIN CLEAN OUT.

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION



STORM ALIGNMENT B PROFILE

HORIZ: 1"=20'
VERT: 1"=4'

LAYOUT: SD-07 PATH: U:\PDS\Projects\Clients\7312-Benaroya\217-7312-004_SIB&TParkingExpansion\985\CAADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:42:36 AM

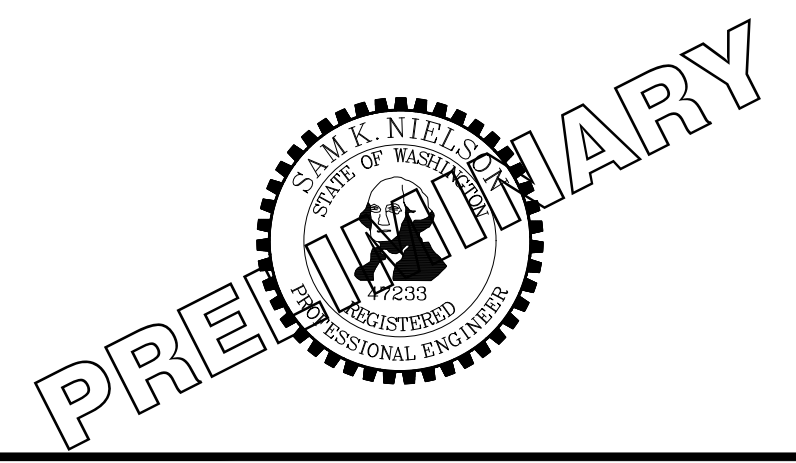
NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				WZG	RLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: Q4-P30731200C-SD-HS

JOB No: 217-7312-004

DATE: MAY 2021



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

STORM DRAINAGE PLAN & PROFILE

DRAWING NO. 25 OF 70
SD-07

BY: CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE: 5/15/2021
 NOTE: THIS IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
 THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
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SCALE IN FEET
 0 20 40

LEGEND:

- PROPERTY LINE
- ROADWAY CENTERLINE
- DEPRESSED CURB PER WSDOT STD PLAN F-10.12-04
- CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04
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ROADWAY CONSTRUCTION NOTES:

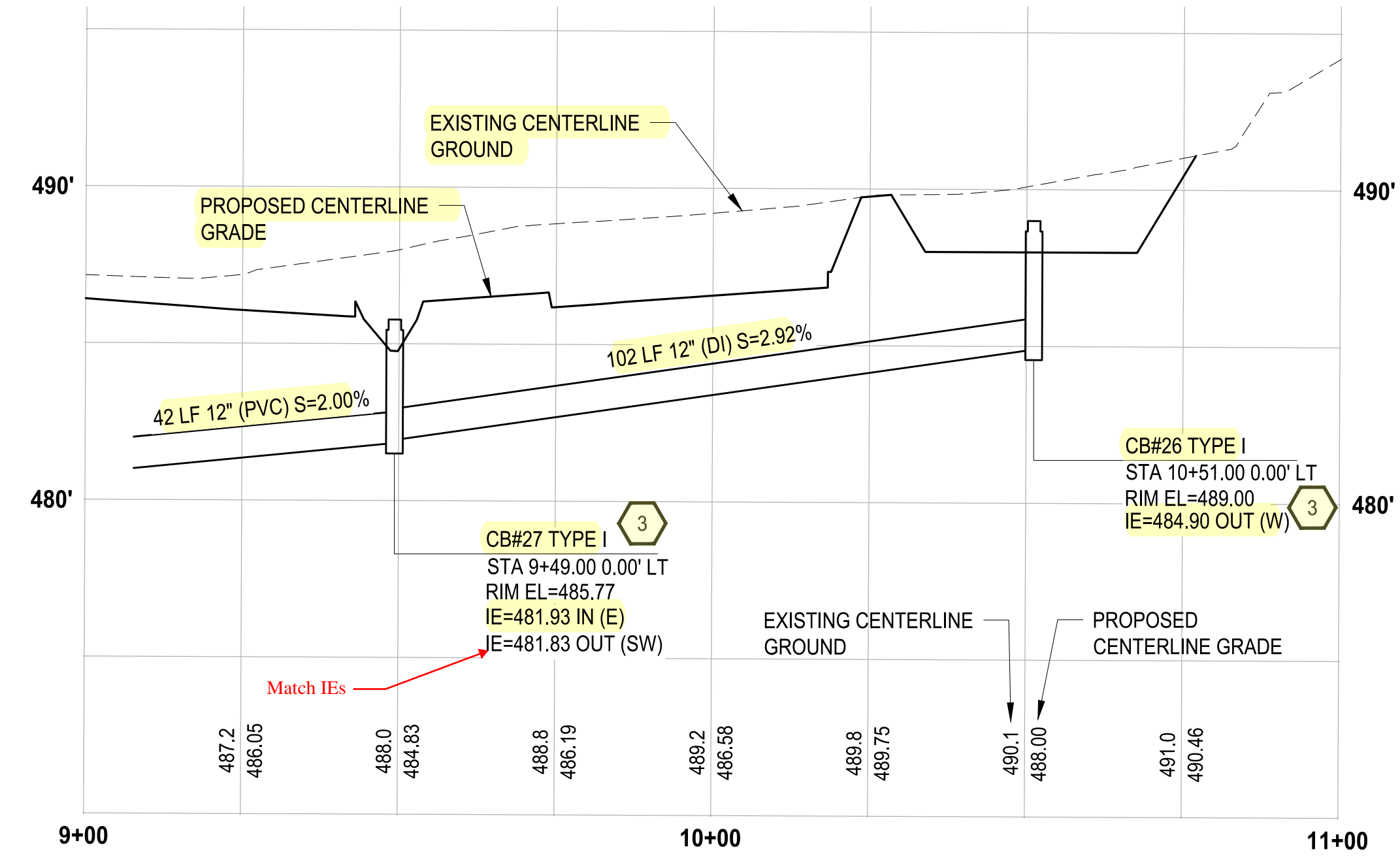
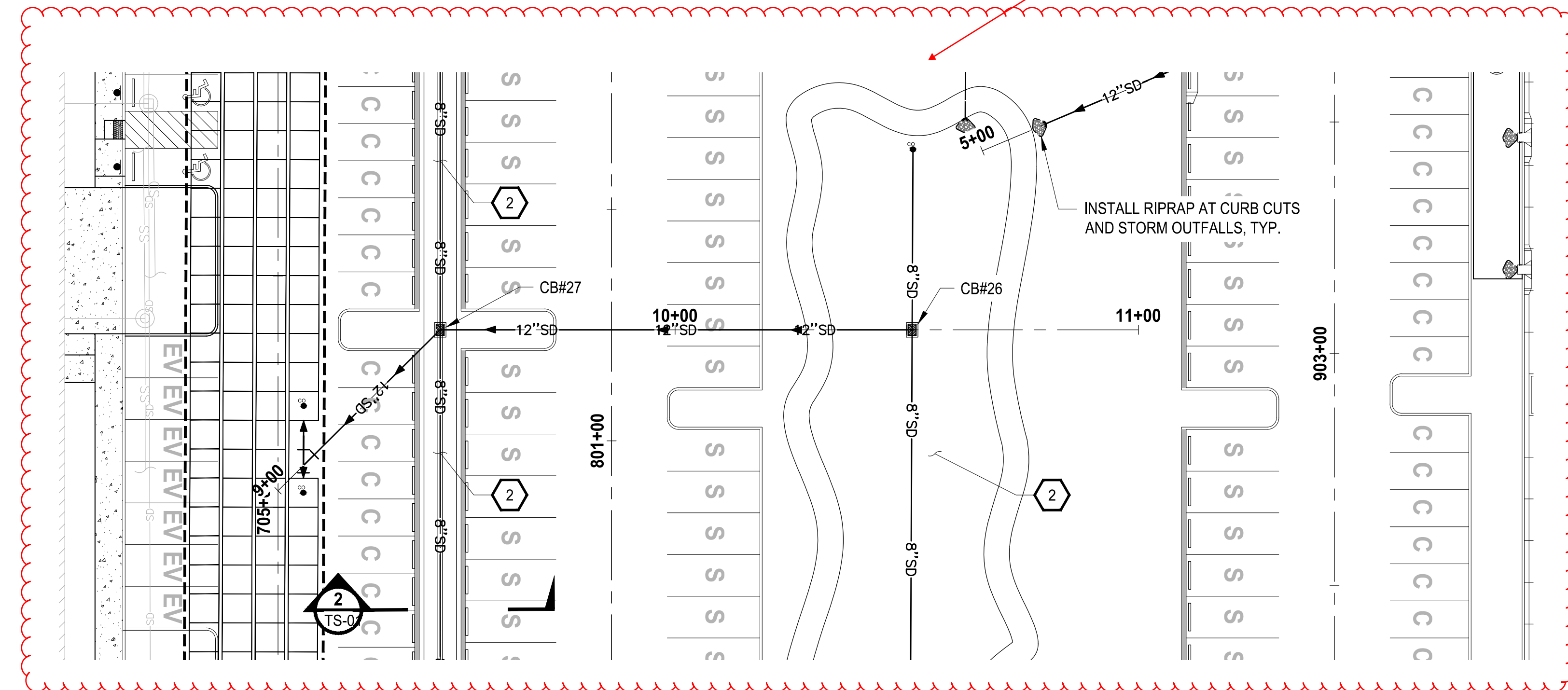
1. INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
2. INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
3. INSTALL 1' WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
4. INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09. *Confirm callout*
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6. INSTALL PARKING STALL PAINT MARKINGS, SEE WSDOT STANDARD PLAN M-17.10-02 ON SHEET SD-09. *Confirm callout*
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8. INSTALL CEMENT CONCRETE PARALLEL CURB RAMP, SEE WSDOT STANDARD PLAN F-40.12-03 ON SHEET SD-09.
9. CURB AND GUTTER TO CONTINUE BEHIND TRAFFIC CURB OF LANDSCAPE ISLAND.
10. INSTALL ZURN P12-PGR ANTI-SLIP ADA GRATE OR APPROVED EQUIVALENT PER DETAIL ON SHT SD-10.

STORM DRAINAGE CONSTRUCTION NOTES:

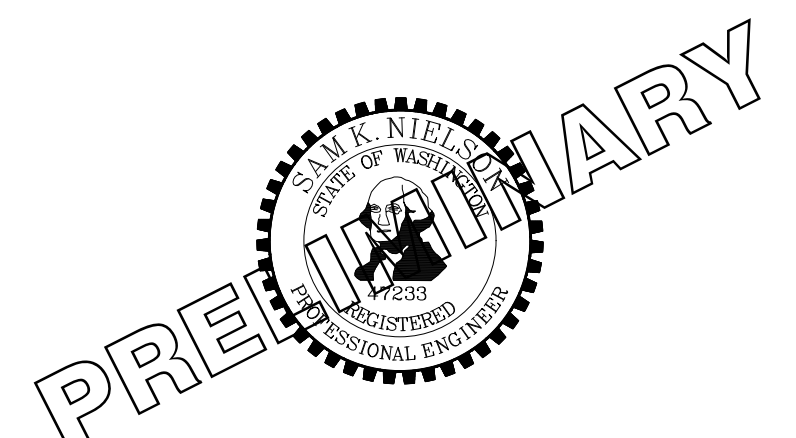
1. INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
2. NOT USED
3. INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
4. INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04 ON SHEET SD-10 AND NO.02.07.03 ON SD-11.
5. INSTALL STORM DRAIN CLEAN OUT. *Confirm callout*

NOTE:
 SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
 NOT FOR CONSTRUCTION



STORM ALIGNMENT C PROFILE
 HORIZ: 1"=20'
 VERT: 1"=4'



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

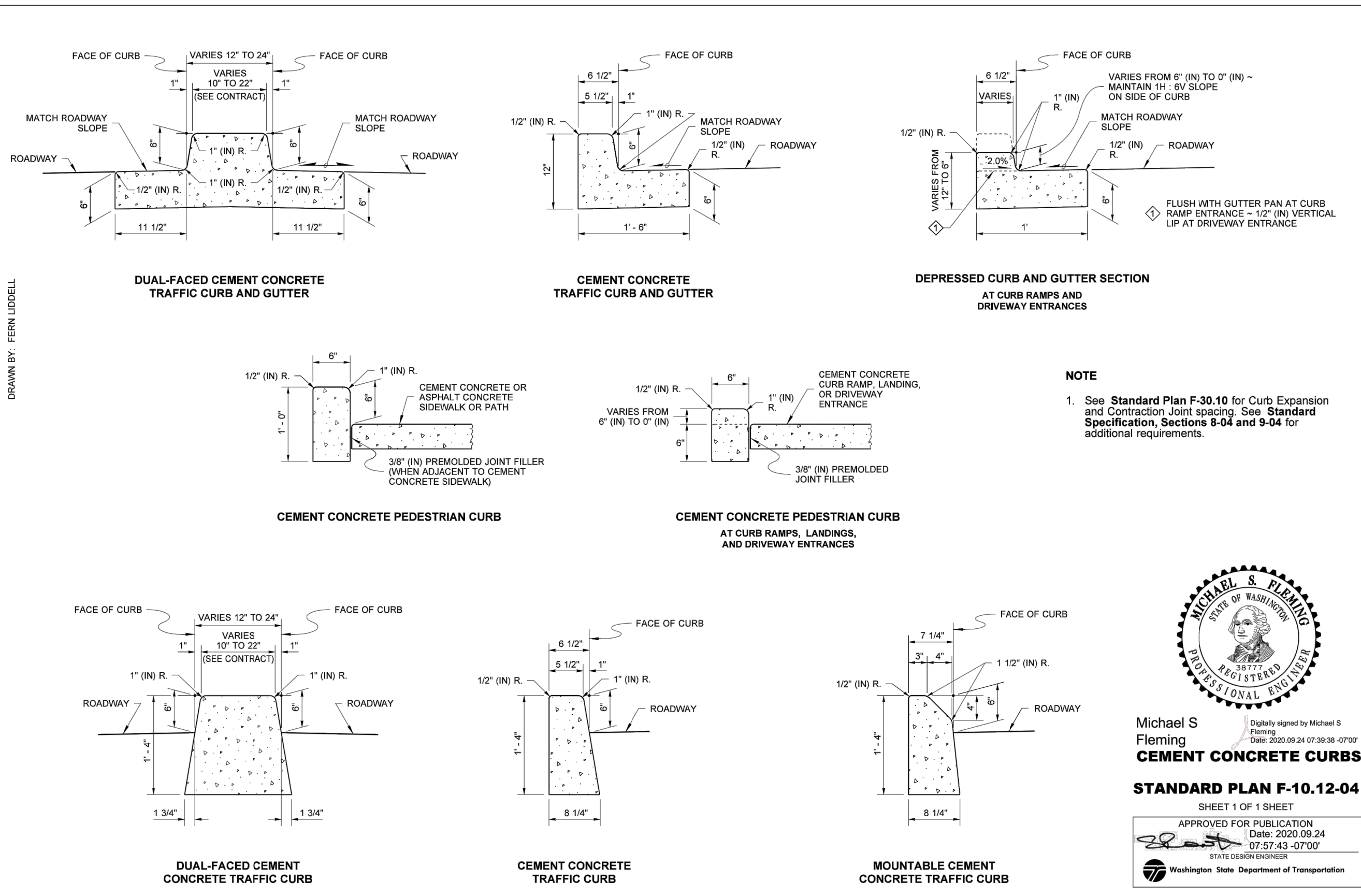
STORM DRAINAGE PLAN & PROFILE

DRAWING NO.
SD-08
 26 OF 70

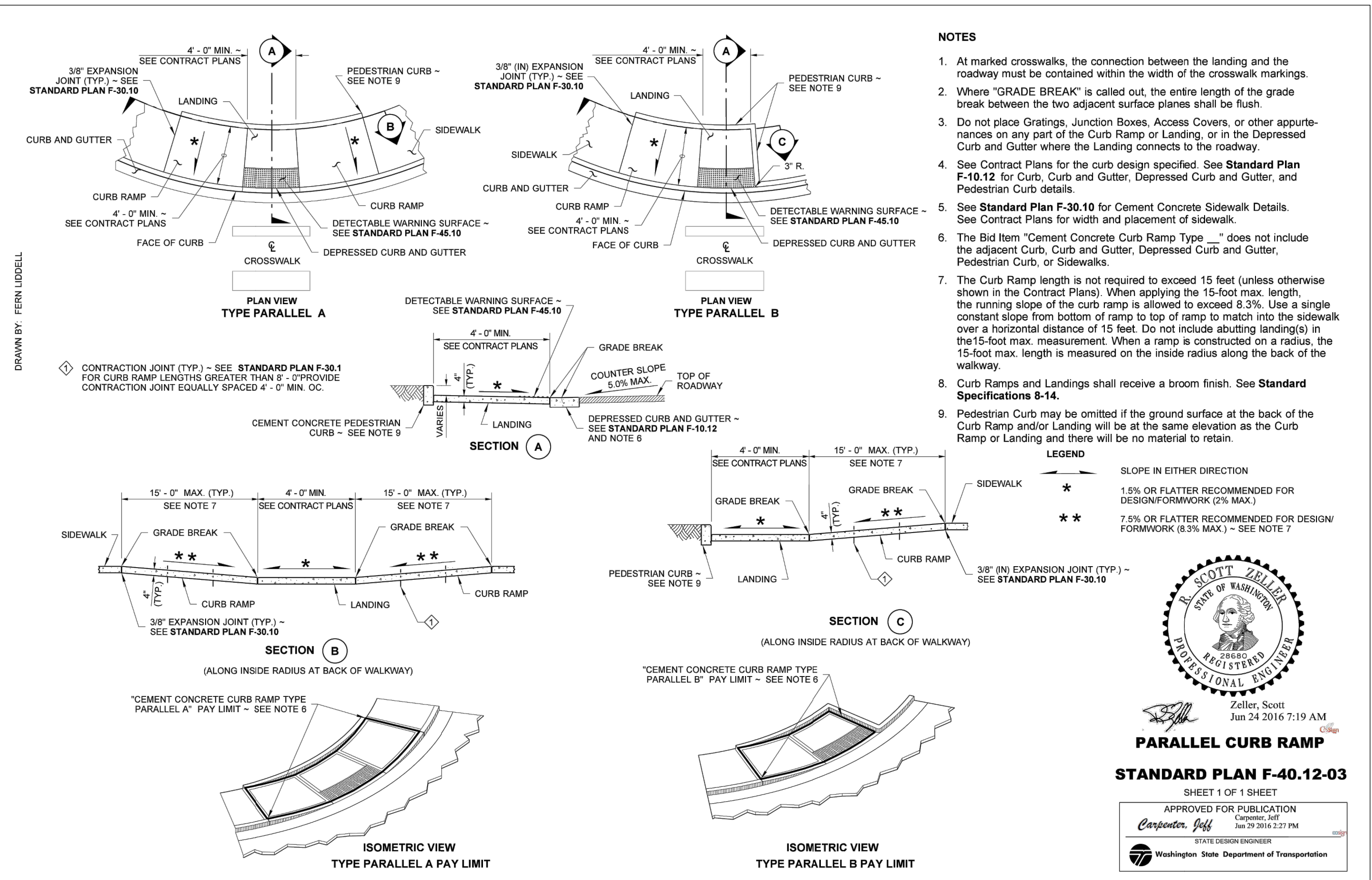
NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				WZG	RJP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: Q4-PS0731200C-SD-HS
 JOB No. 217-7312-004
 DATE: MAY 2021

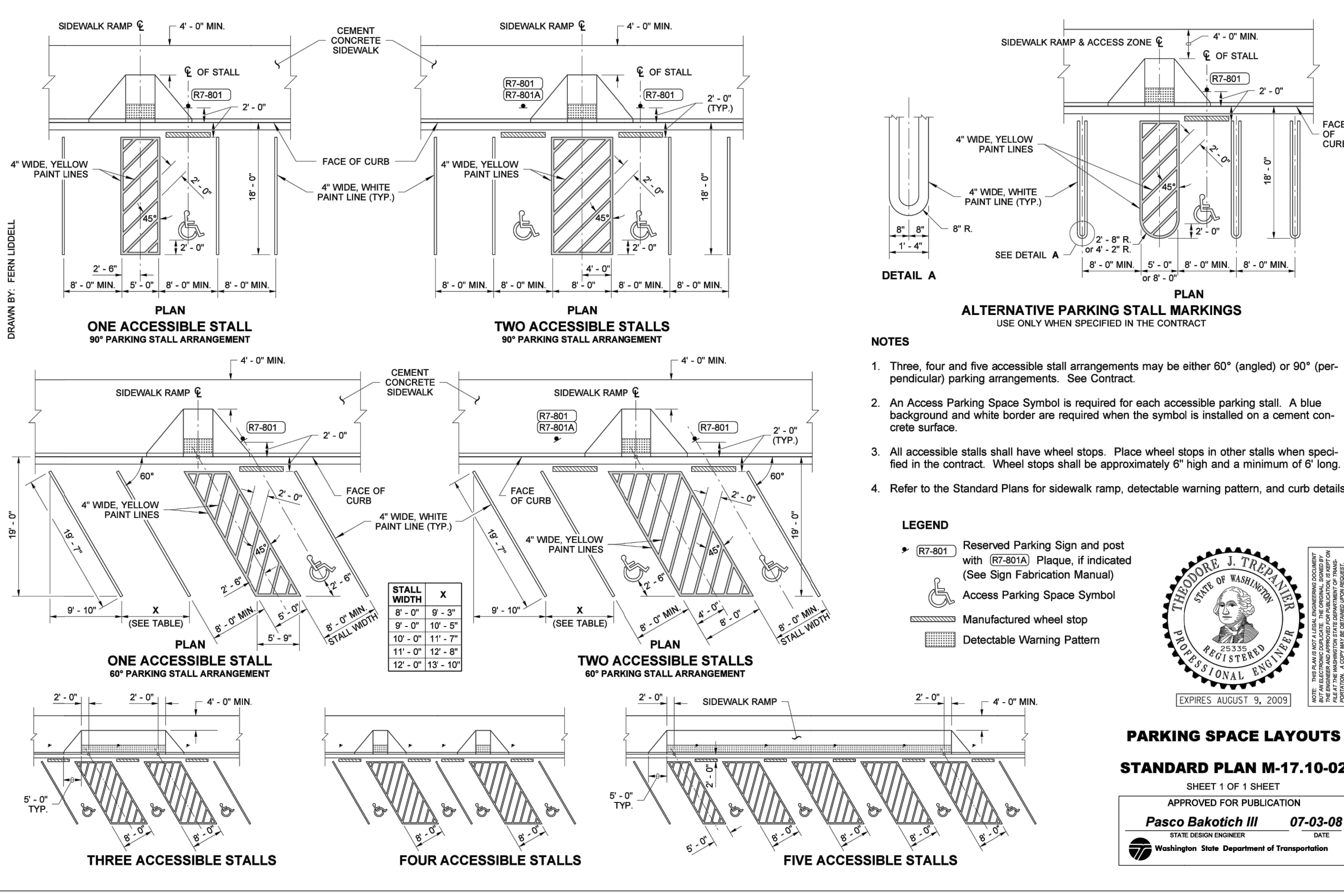
BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
DATE:
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.



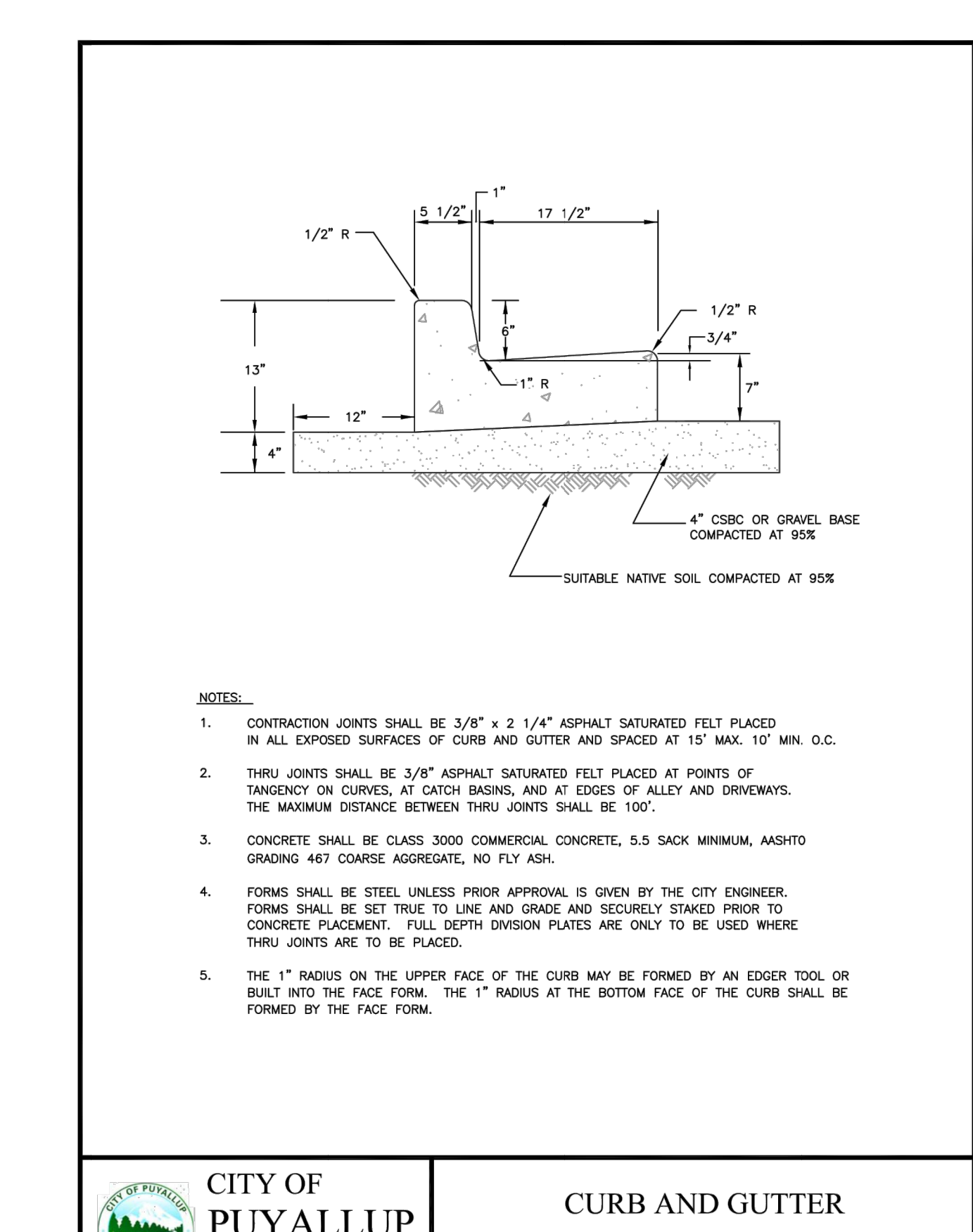
Professional Engineer seal for Michael S. Fleming, State of Washington, License No. 12597. Includes a digital signature and date: 2020.09.24. Approved for publication by Pasco Bakotich III, State Design Engineer, Washington State Department of Transportation.



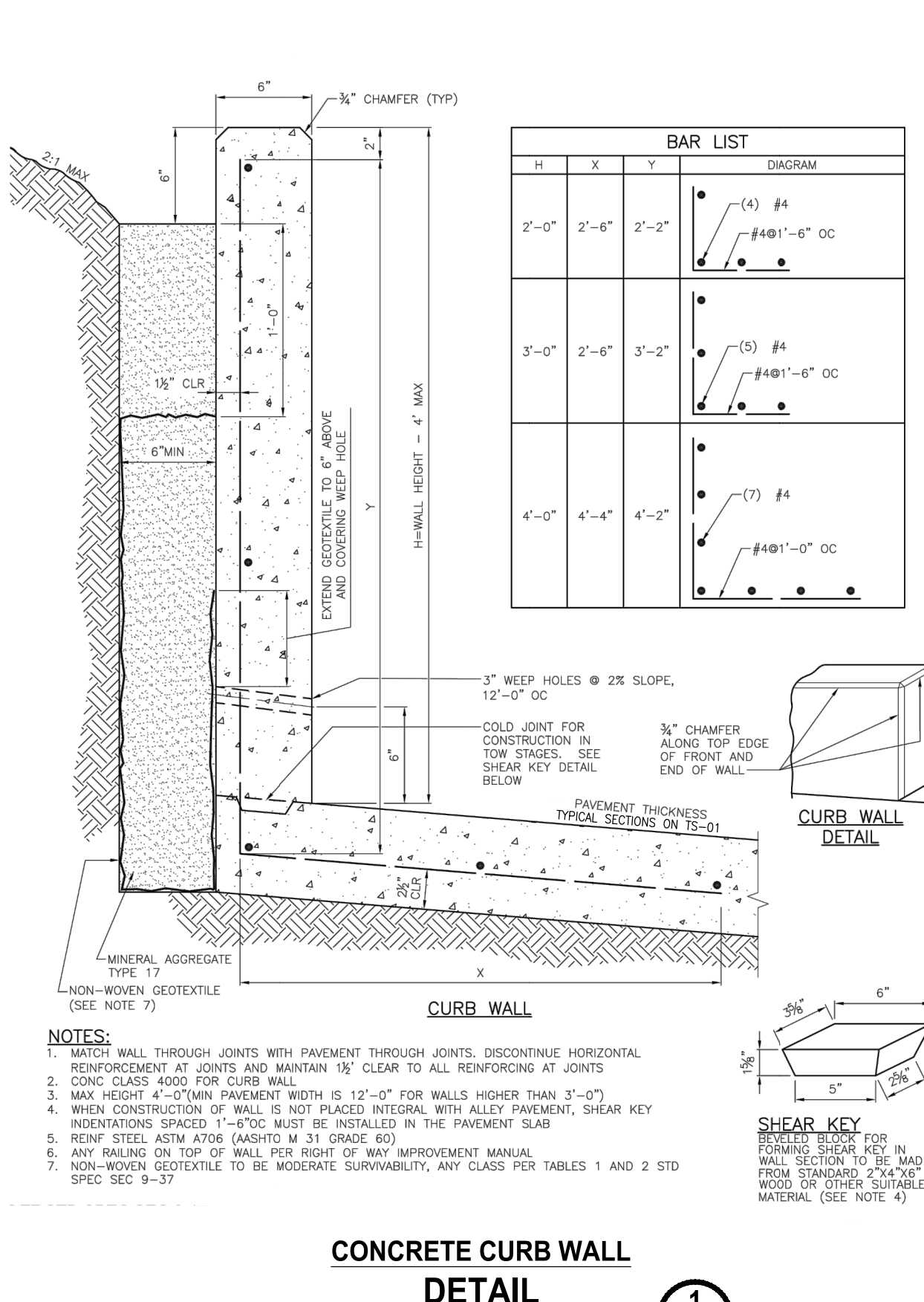
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Professional Engineer seal for Pasco Bakotich III, State of Washington, License No. 12597. Includes a digital signature and date: 07-03-08. Approved for publication by Pasco Bakotich III, State Design Engineer, Washington State Department of Transportation.



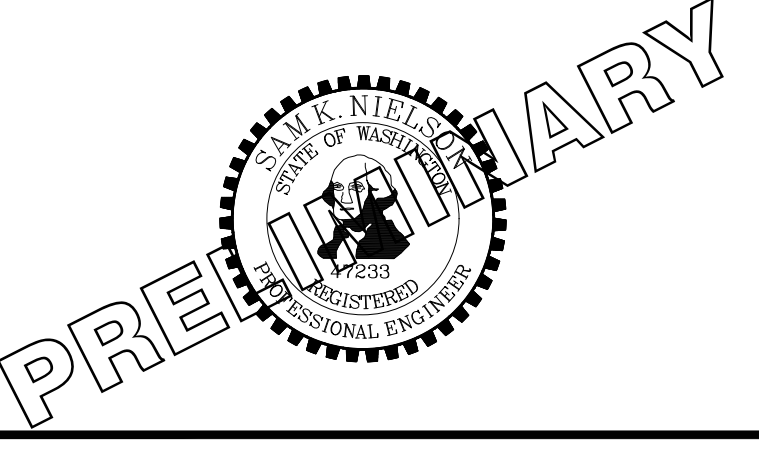
CITY OF PUYALLUP CURB AND GUTTER. Includes a table with columns for DATE, APPROVED BY, and COMMENTS. The table is mostly empty, with a date of 01.02.09.



CONCRETE CURB WALL DETAIL. Includes a table with columns for DATE, APPROVED BY, and COMMENTS. The table is mostly empty, with a date of 01.02.09.

Table with columns: REVISIONS, DATE, BY, DESIGNED, DRAWN, CHECKED, APPROVED.

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY. FILE NAME: Q4-P30731200C-SD-HS. JOB No.: 217-7312-004. DATE: MAY 2021.



Parametrix ENGINEERING, PLANNING, ENVIRONMENTAL SCIENCES. Logo and company name.

PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION. PUYALLUP, WA.

HARDSCAPE STANDARD DETAILS. DRAWING NO. 27 OF 70. SD-09.

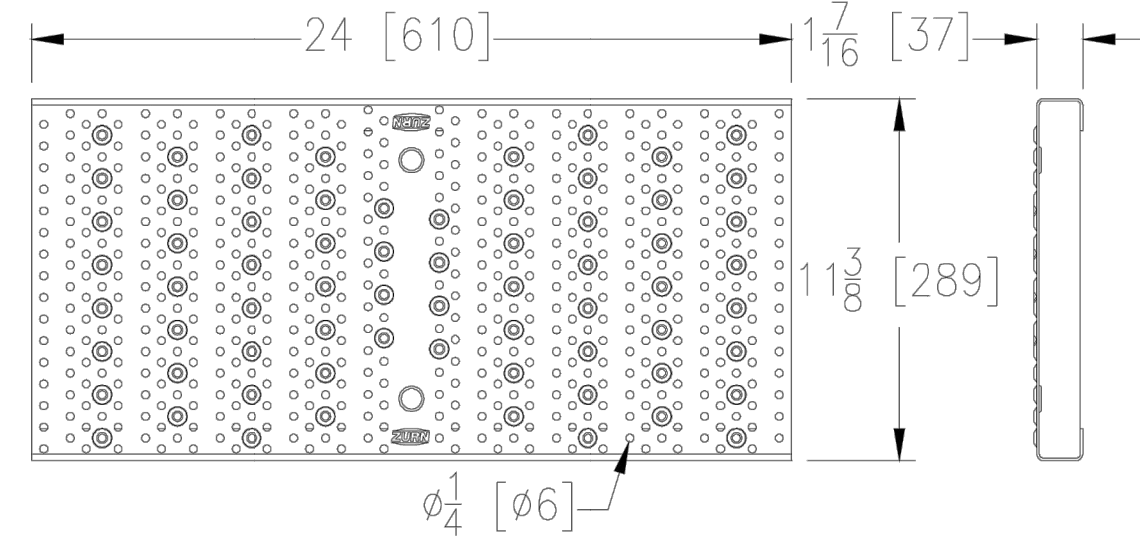
NOTE: SYMBOLS NOT TO SCALE. 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION.

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P12-PGR 12 [305] Wide Galvanized Steel Raised Perforated Anti-Slip ADA Grade

Table with 4 columns: Please Check, Item No., Part Number, Item I.D. Row 1: 31, 300572, P12-PGR



PGR GRATE ENGINEERING SPECIFICATION: The Zurn P12-PGR Galvanized Steel Raised Perforated Grate, is 11-3/8" [289mm] wide X 24" [610mm] long, weighing 7 lbs per linear foot [10kg/m].

Table with 2 columns: Property and Value. Properties include Material (Galvanized Steel), DIN Rating (Class A), Weight (7.0 lbs/ft), etc.



Zurn Industries, LLC | Light Commercial Plumbing Products 1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 • Ph. 855-663-9876, Fax 814-454-7929

STORM SEWER MANHOLE. Includes plan view, section view, and notes detailing construction requirements for manhole rings, risers, and bases.

BIORETENTION OVERFLOW OUTLET STRUCTURE. Includes plan view, section view, and notes detailing the structure for overflow and bioretention.

CATCH BASIN TYPE I (GUTTER DRAIN). Includes plan view, section view, and notes detailing the gutter drain structure and grate installation.

CATCH BASIN TYPE II. Includes plan view, section view, and notes detailing the catch basin structure and grate installation.

CATCH BASIN FRAME AND GRATE/VANED GRATE. Includes plan view, section view, and notes detailing the frame and grate construction.

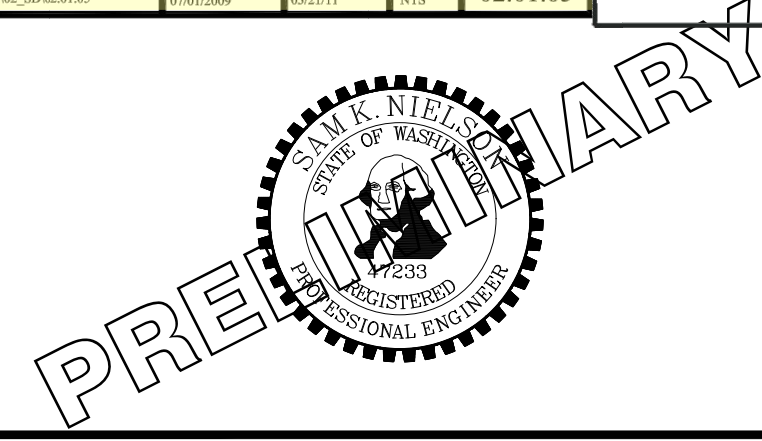
RETAINING WALL WITH VEHICLE SURCHARGE. Includes plan view, section view, and notes detailing the retaining wall structure and surcharge.

REVISIONS table with columns for revision number, description, date, and by.

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY. Includes project information and date (MAY 2021).

Parametrix ENGINEERING, PLANNING, ENVIRONMENTAL SCIENCES. Includes project name: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION.

STORM DRAINAGE STANDARD DETAILS. Includes drawing number SD-10 and project location PUYALLUP, WA.



Rotate 90 degrees clockwise for legibility

Add Note: "Walls over 48-in from bottom of footing to top of wall require separate Building Permit."

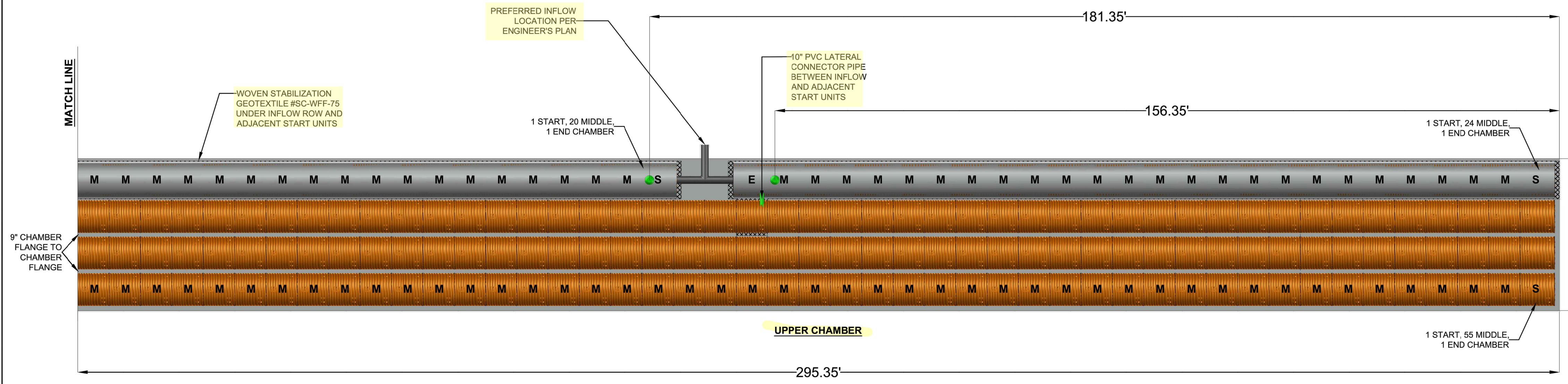
NOTE: SYMBOLS NOT TO SCALE 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

Add City Std Detail 02.02.03 02.07.01 02.07.05

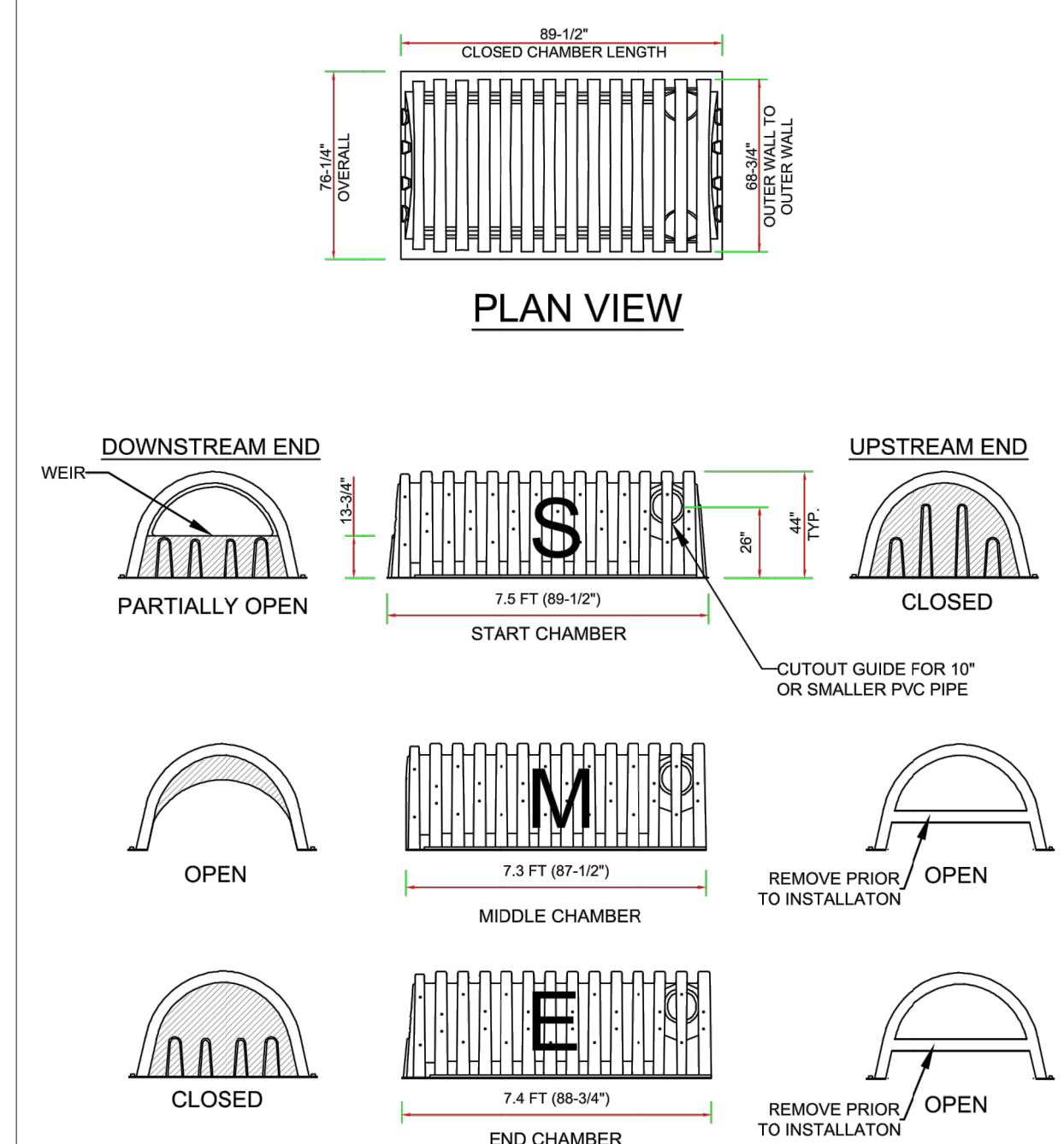
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BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
 DATE: _____
 NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
 THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
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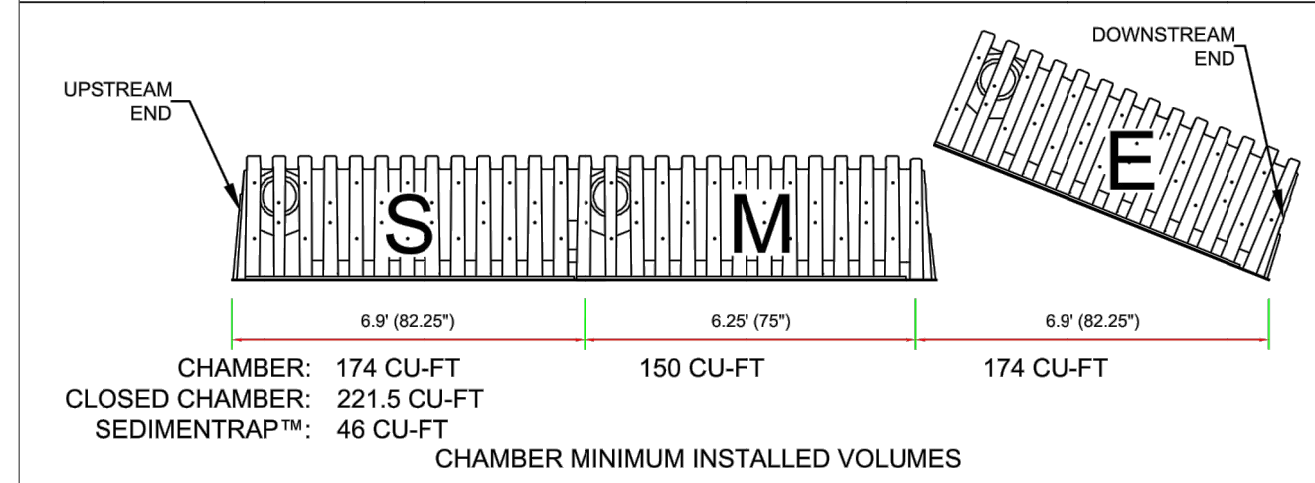
PLAN VIEW



SC-44105 DIMENSIONS



DELIVERY LENGTHS ELEVATION VIEW

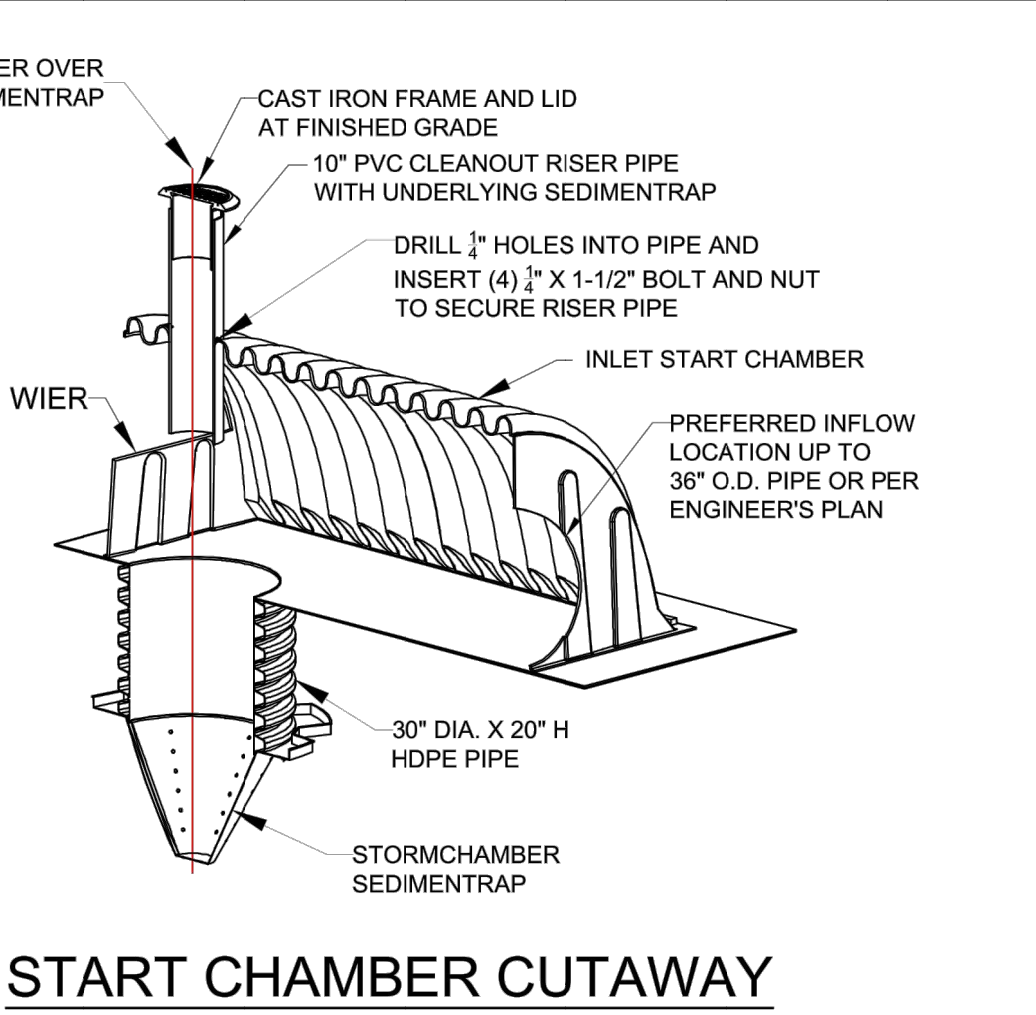
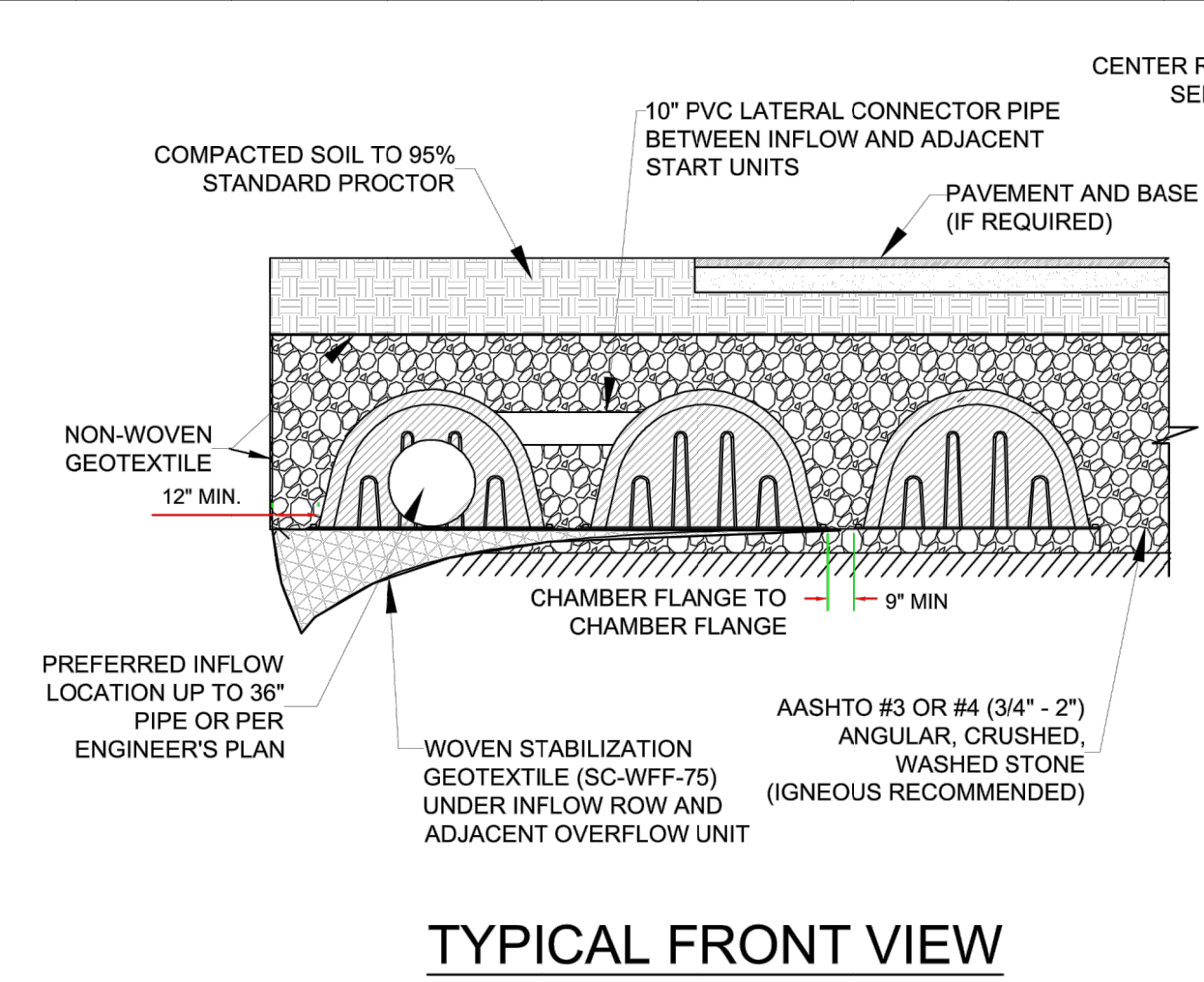
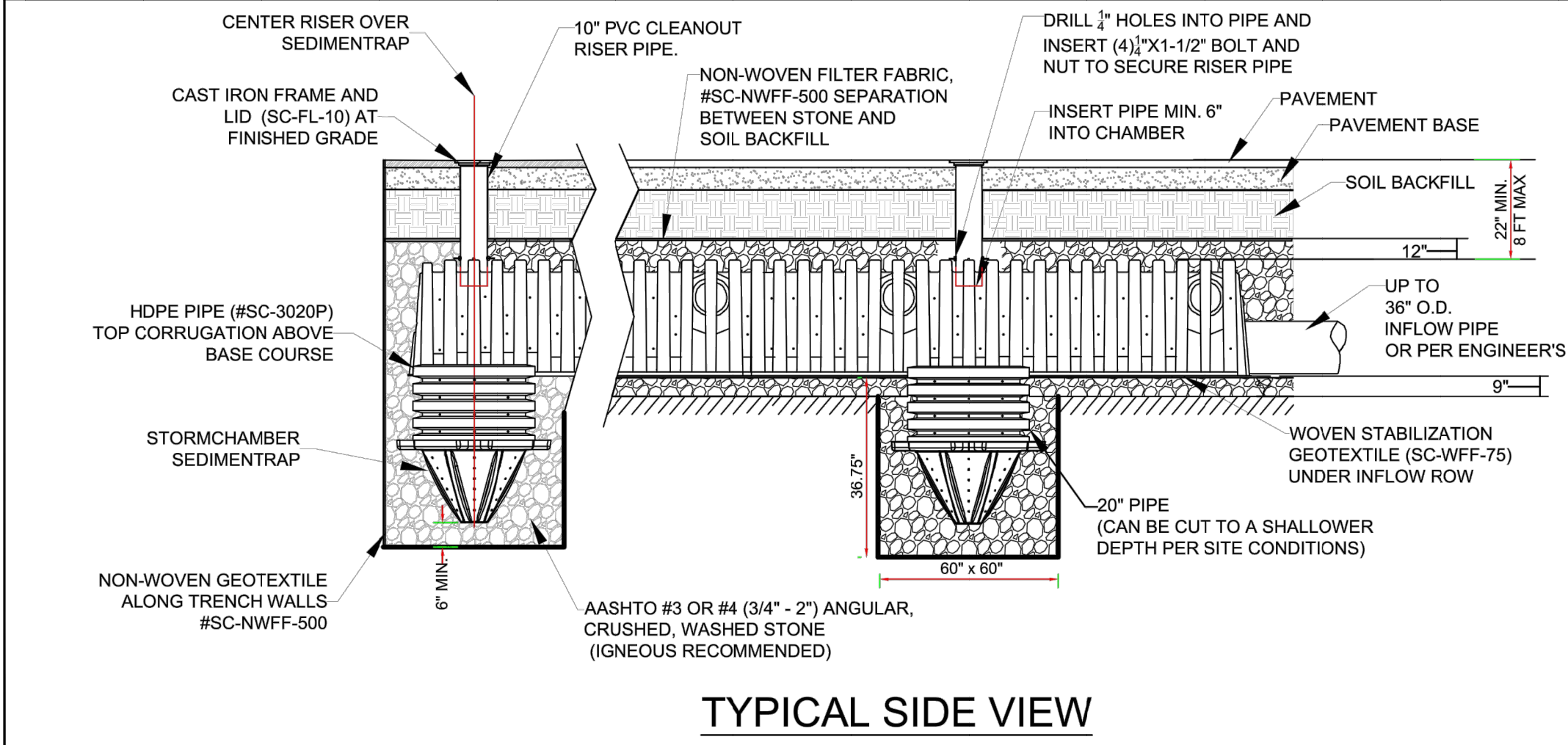
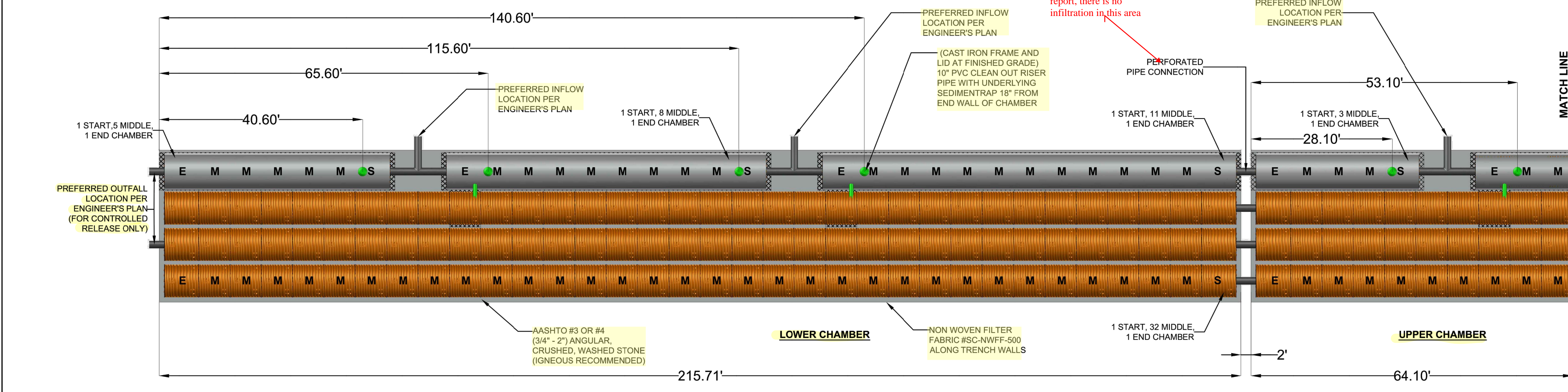


INSTALLED LENGTHS ELEVATION VIEW



MATERIAL LIST

DESCRIPTION	STOCK CODE	QTY	UNITS
CHAMBERS AND ACCESSORIES:			
START CHAMBER	SC-44105-S-O	12	EACH
MIDDLE CHAMBER	SC-44105-M-O	332	EACH
END CHAMBER	SC-44105-E-O	12	EACH
CLOSED CHAMBER	SC-44105-C-O	N/A	EACH
SEDIMENTRAP™	SC-ST	8	EACH
NON-WOVEN GEOTEXTILE	SC-NWFF-500	13	SQ FT
WOVEN STABILIZATION GEOTEXTILE	SC-WFF-75	8	SQ FT
30" X 20" HDPE PIPE FOR SEDIMENTRAP™	SC-3020P	8	EACH
10" CAST IRON FRAME AND LID	SC-FL-10	8	EACH
MATERIALS BY OTHERS:			
10" DIAMETER RISER PIPE	OTHERS	8	EACH
10" DIAMETER LATERAL PIPE	OTHERS	4	EACH
IN-PLACE EXCAVATION (NO BULKING FACTOR)	OTHERS	3395.17	CU YD
STONE BACKFILL	OTHERS	2179.85	CU YD
1/4" X 1-1/2" NUT AND BOLT	OTHERS	32	EACH
3" SCREWS	OTHERS	32	EACH



PROJECT NAME : PUYALLUP, WA OFFICE PARK
 PROJECT LOCATION : PORTLAND, OR

PROJECT # 1362
 DATE: 3/17/2021
 DRAWN BY: ARH

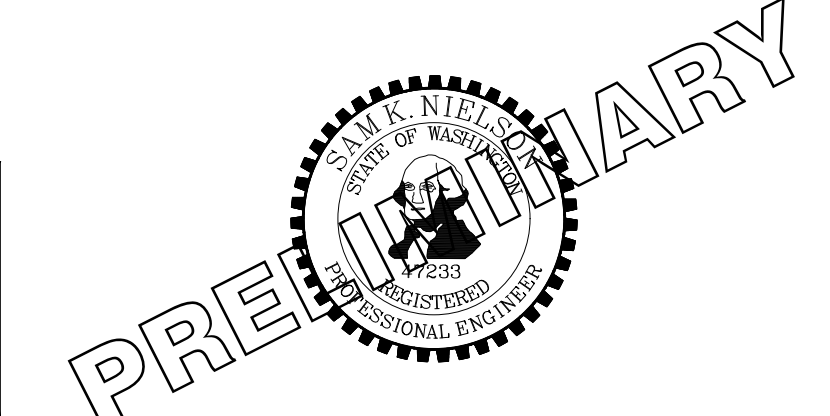


SC-44105 STORMCHAMBER LAYOUT
 MEETS OR EXCEEDS ASTM F2922 AND ASTM F2787

NOTE: SYMBOLS NOT TO SCALE
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REVISIONS	DATE	BY	DESIGNED
			WZG
			RLP
			DCS
			SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: Q4-PS0731200C-SD-HS
 JOB No: 217-7312-004
 DATE: MAY 2021



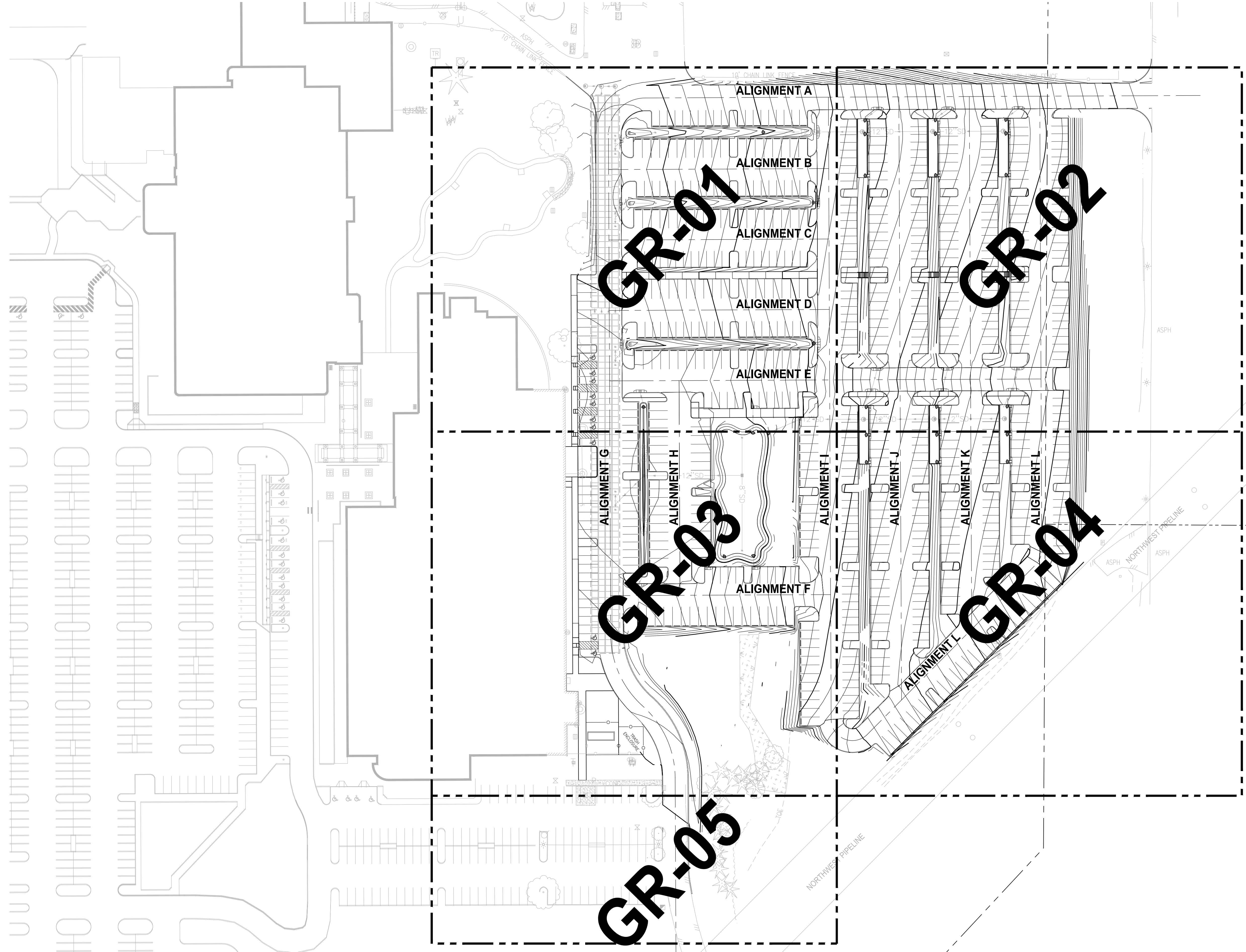
PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

STORM DRAINAGE STANDARD DETAILS

DRAWING NO. 29 OF 70
 SD-11

LAYOUT: SD-11
 PATH: U:\P\SD\Projects\Clients\312-Benaroya\312-Benaroya\217-7312-004-SHB&TCParkingExpansion\09B5vca\0400 DWG
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APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES

DATE:

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

SCALE IN FEET

- LEGEND:**
- EXISTING MAJOR CONTOUR LINE
 - EXISTING MINOR CONTOUR LINE
 - PROPOSED MAJOR CONTOUR LINE
 - PROPOSED MINOR CONTOUR LINE
 - ROADWAY CENTERLINE
 - PROPERTY BOUNDARY
 - CUT LIMITS
 - FILL LIMITS

- GENERAL NOTE:**
1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
 2. CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND GRADES.
 3. TYPICAL ROAD SECTIONS ARE SHOWN ON SHEET TS-01.
 4. GRADING POINT TABLES ARE SHOWN ON SHEETS GR-15 THROUGH GR-19.

- CONSTRUCTION NOTE:**
1. SEE SHEET GR-15 FOR STAIR GRADING DETAILS.
 2. CONSTRUCT STAIRS AND HAND RAIL PER DETAIL ON SHEET GR-15.

NOTE: SYMBOLS NOT TO SCALE

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NOT FOR CONSTRUCTION

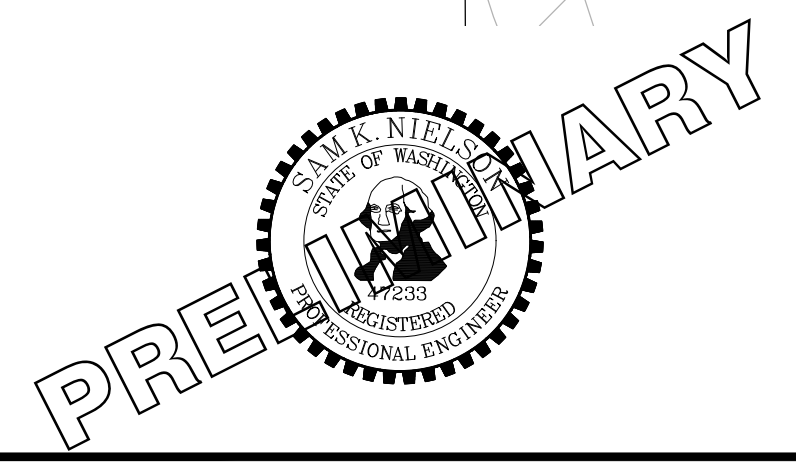
NO.	REVISIONS	DATE	BY	DESIGNED WZG

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FILE NAME
Q3-PS0731200C-GR

JOB No.
217-7312-004

DATE
MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

GRADING PLAN COMPOSITE

DRAWING NO.
30 OF 70

GR-00



Know what's below.
Call before you dig.

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: _____

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FOR ERRORS AND/OR OMISSIONS ON
THESE PLANS.

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

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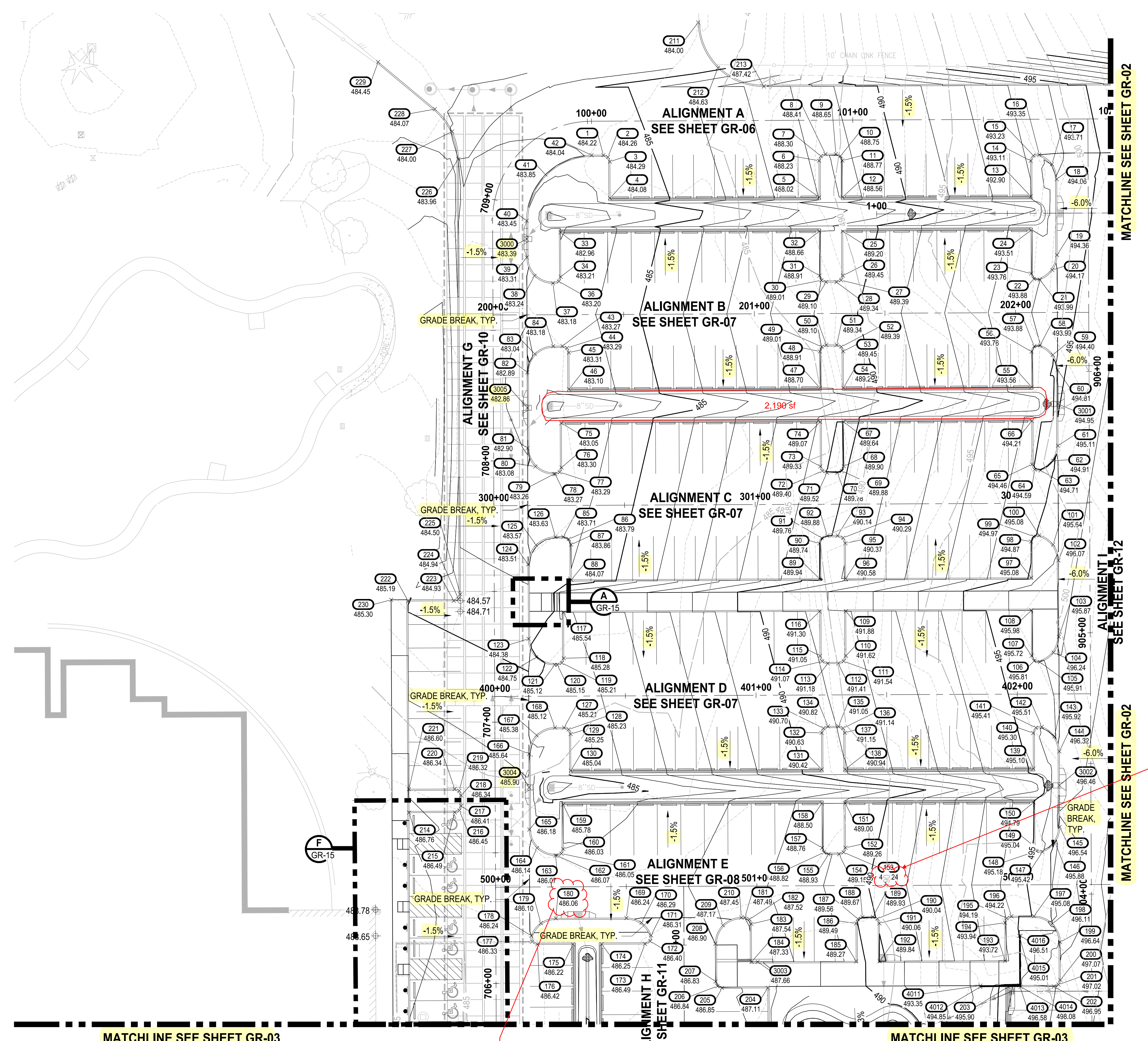
- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
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NOTE:
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LAYOUT: GR-01 PATH: U:\PSD\Projects\Clients\7312-Berkeley\217-7312-004-SHB&TParkingExpansion\995\scs\CADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:43:58 AM

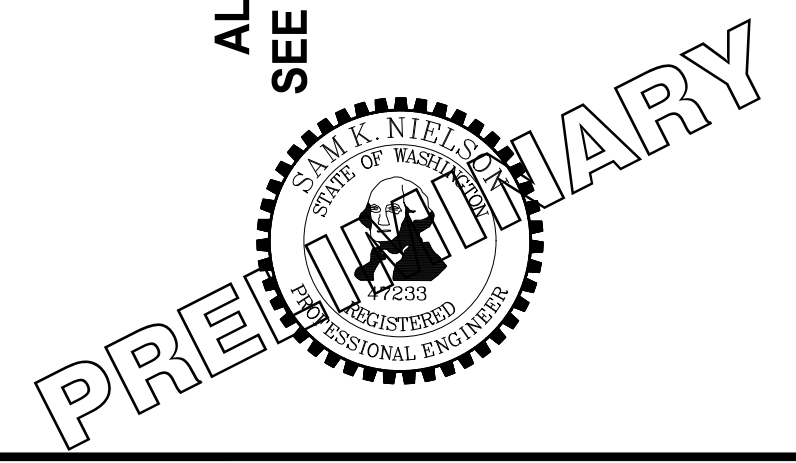
REVISIONS	DATE	BY	DESIGNED	WZG

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IF NOT, SCALE ACCORDINGLY**

FILE NAME
Q3-PS0731200C-GR

JOB No.
217-7312-004

DATE
MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

GRADING PLAN

DRAWING NO.
31 OF 70

GR-01

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

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LEGEND:

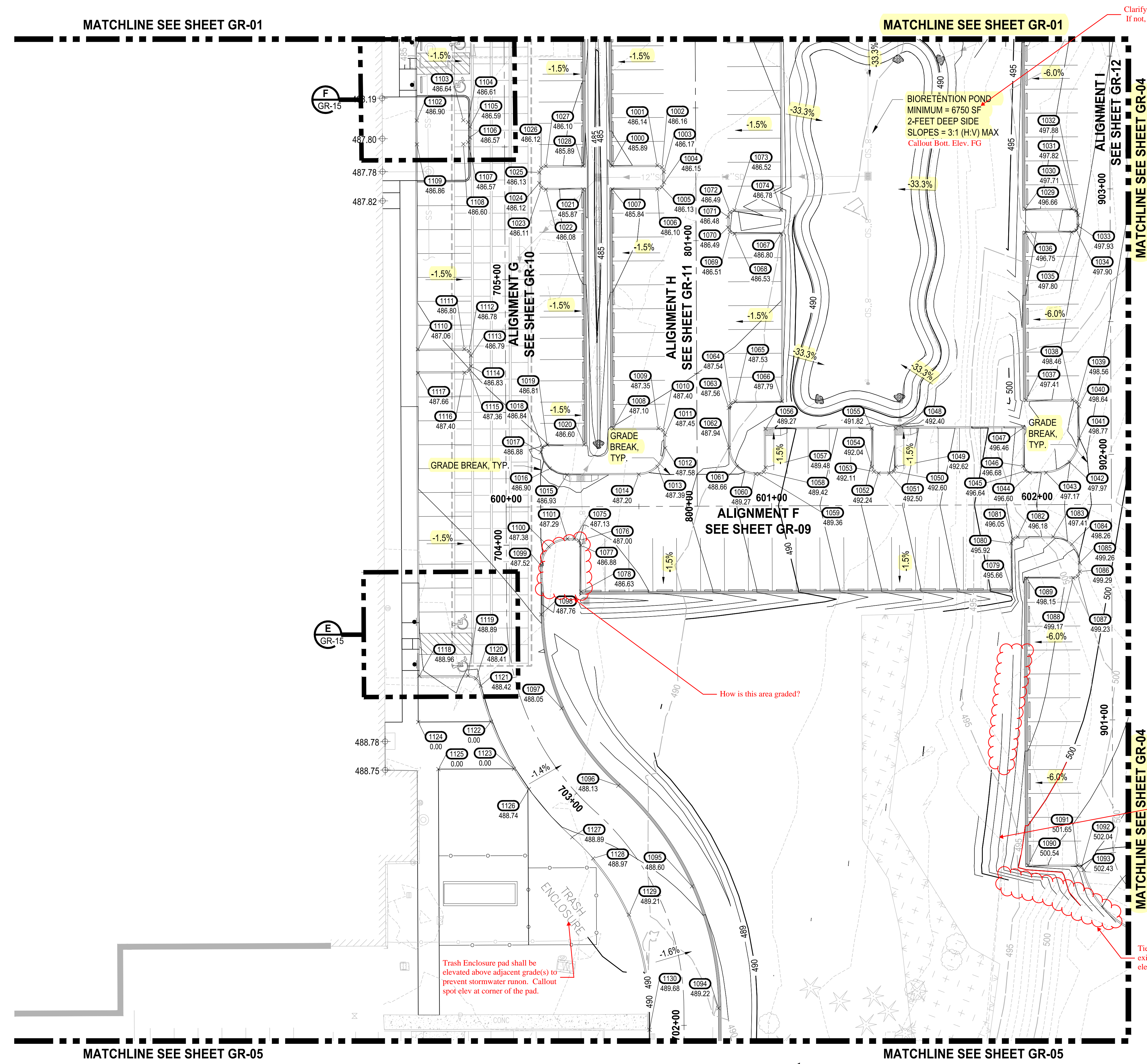
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- EXISTING MINOR CONTOUR LINE
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- PROPOSED MINOR CONTOUR LINE
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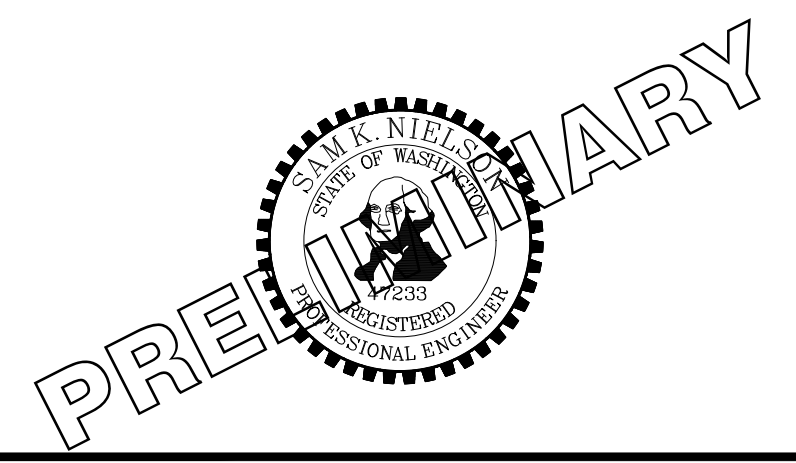
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MATCHLINE SEE SHEET GR-01

MATCHLINE SEE SHEET GR-01

MATCHLINE SEE SHEET GR-05

MATCHLINE SEE SHEET GR-05



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

NOTE: SYMBOLS NOT TO SCALE

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REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

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FILE NAME: Q3-PS0731200C-GR

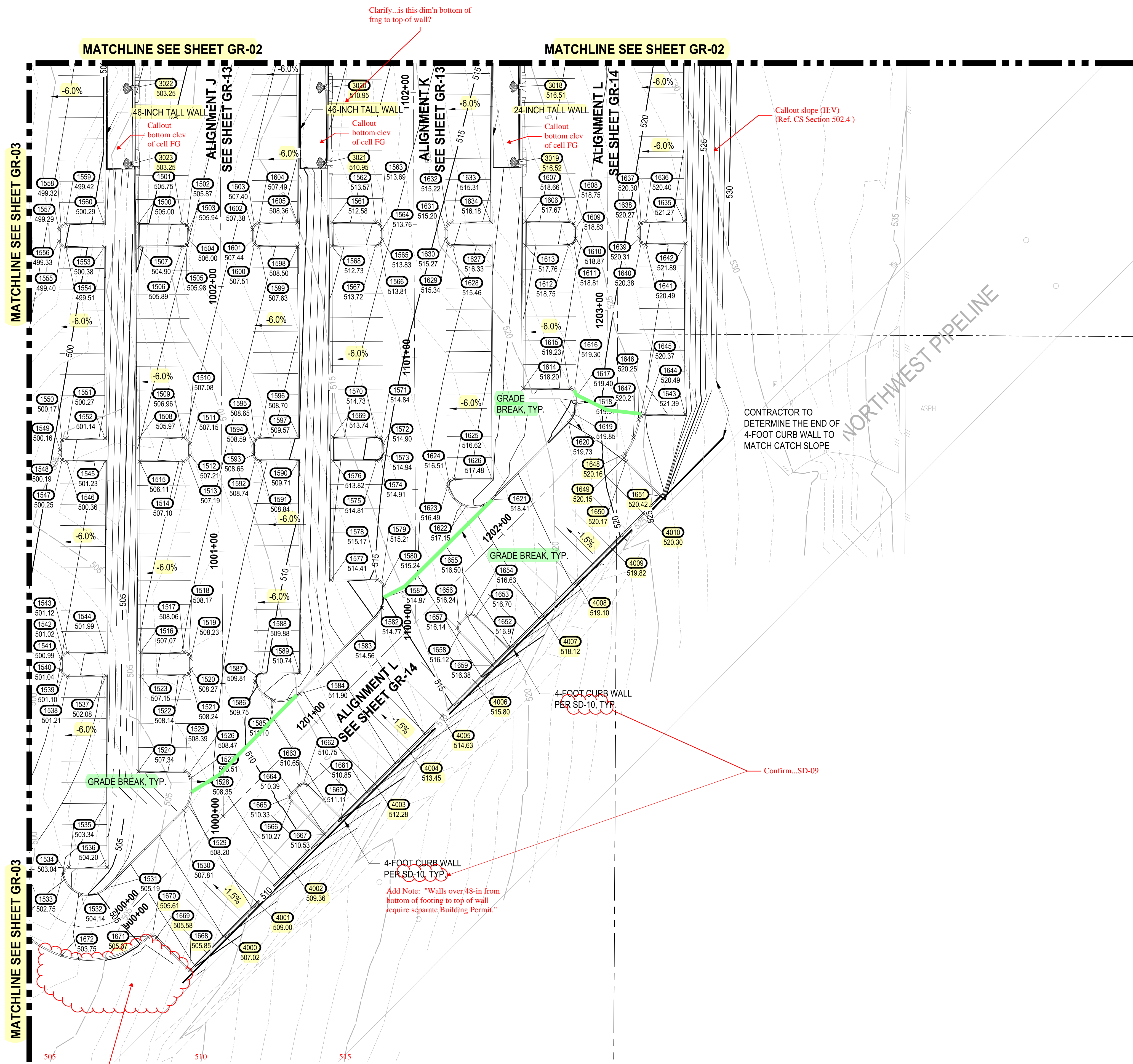
JOB No: 217-7312-004

DATE: MAY 2021

GRADING PLAN

DRAWING NO. 33 OF 70 GR-03

LAYOUT: GR-04 PATH: U:\P50\Projects\217-7312-004_SHB&TC\parking\Expansion\98\Sves\CA\04\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:22 AM



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BY: CITY OF PUYALLUP DEVELOPMENT SERVICES

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LEGEND:

- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
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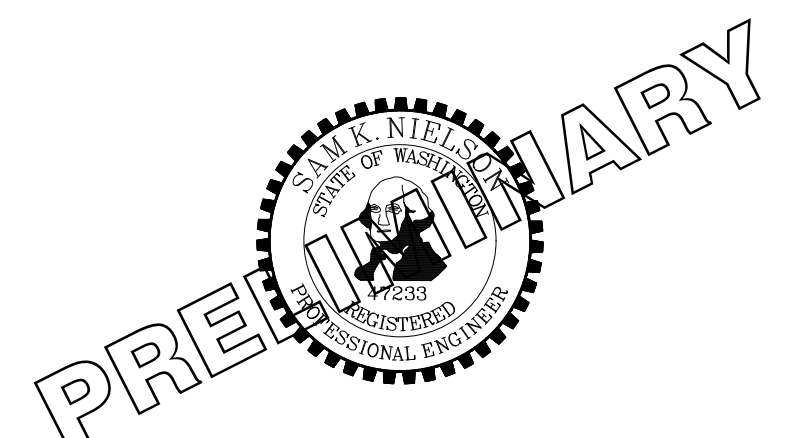
NOTE:
SYMBOLS NOT TO SCALE

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REVISIONS	DATE	BY	DESIGNED
			WZG
			DRP
			DCS
			SKN

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FILE NAME: Q3-P50731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021

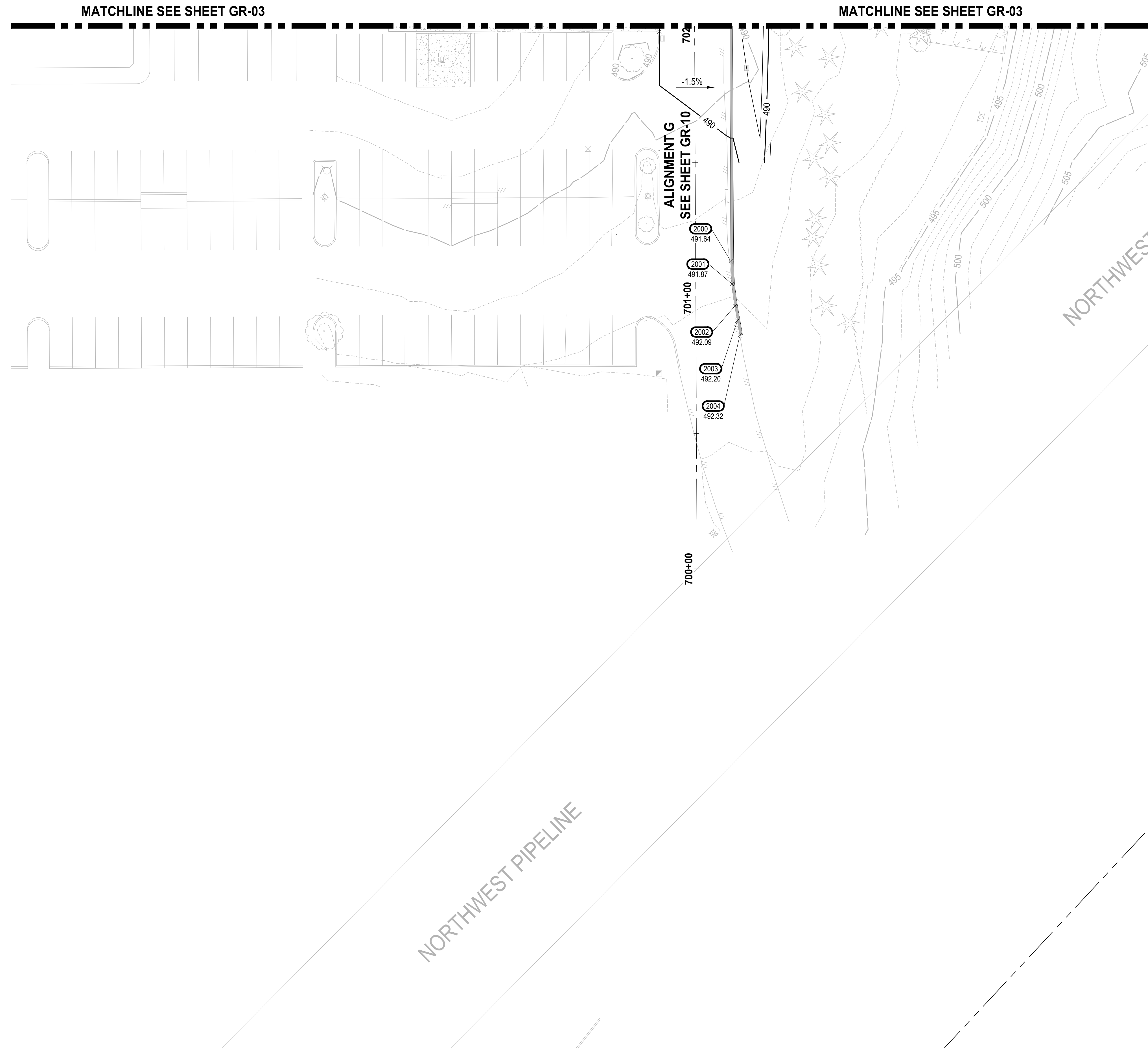


PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

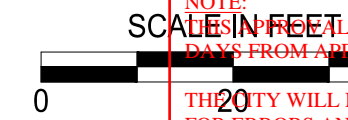
GRADING PLAN

DRAWING NO.
34 OF 70
GR-04

LAYOUT: GR-05 PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TCParkingExpansion\98\Sves\Cadd\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:44:28 AM



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BY: [Signature]
CITY OF PUYALLUP
DEVELOPMENT SERVICES
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LEGEND:

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- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
- PROPERTY BOUNDARY
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- - - - - FILL LIMITS

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NOTE:
SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			RLP
			CHECKED
			DCS
			APPROVED
			SKN

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FILE NAME: 05-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

GRADING PLAN

DRAWING NO.
35 OF 70
GR-05



Know what's below.
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APPROVED

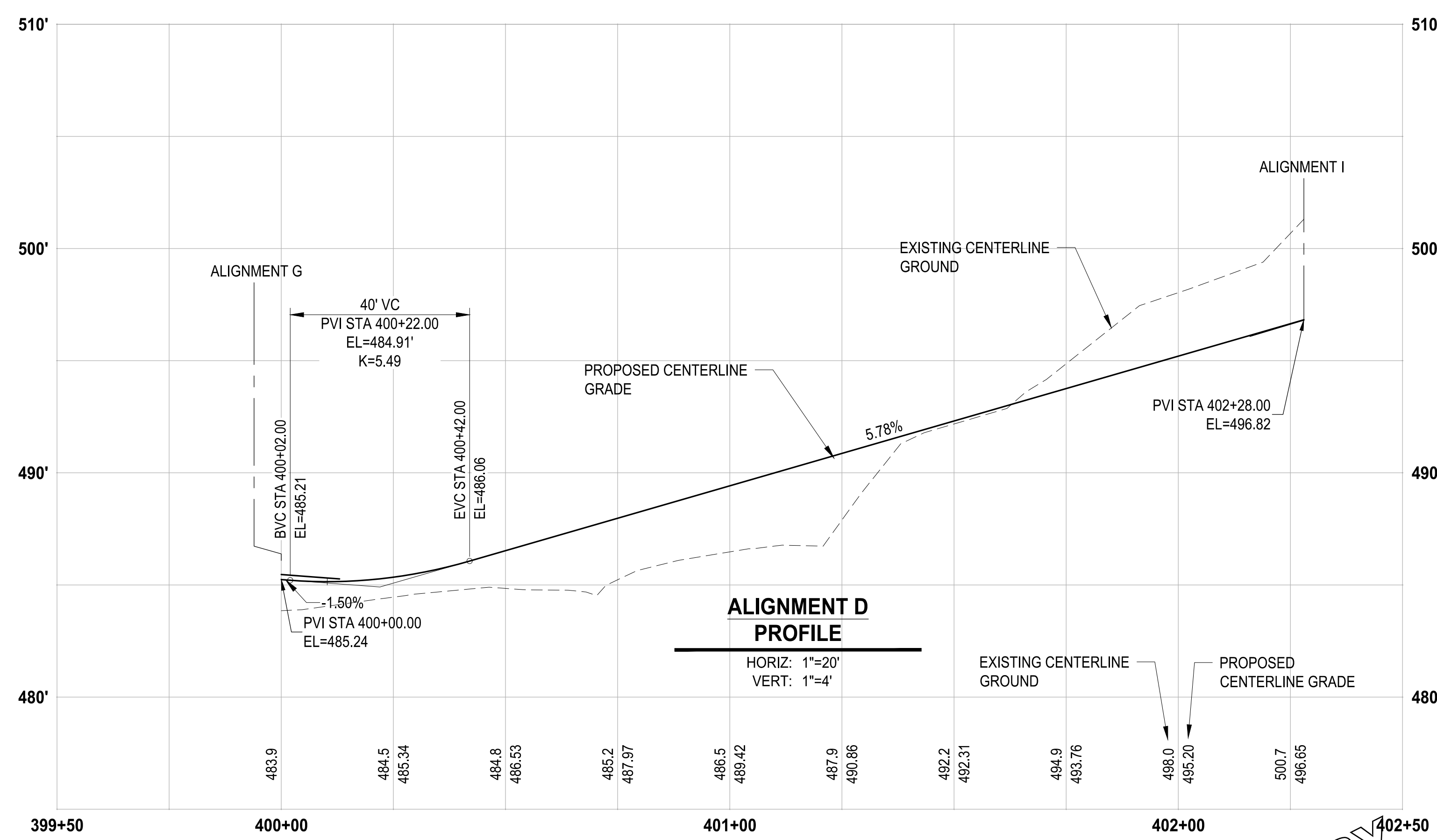
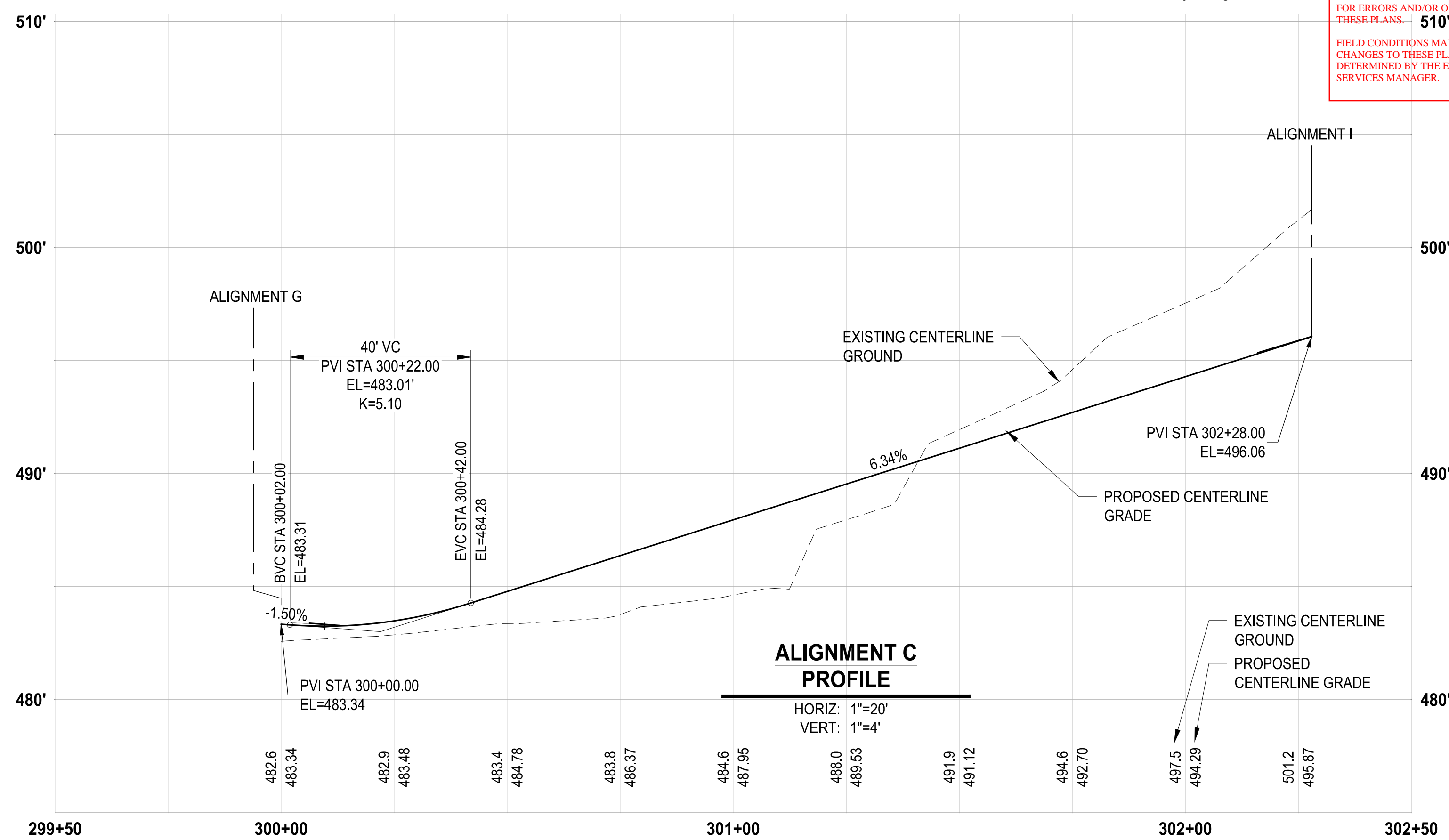
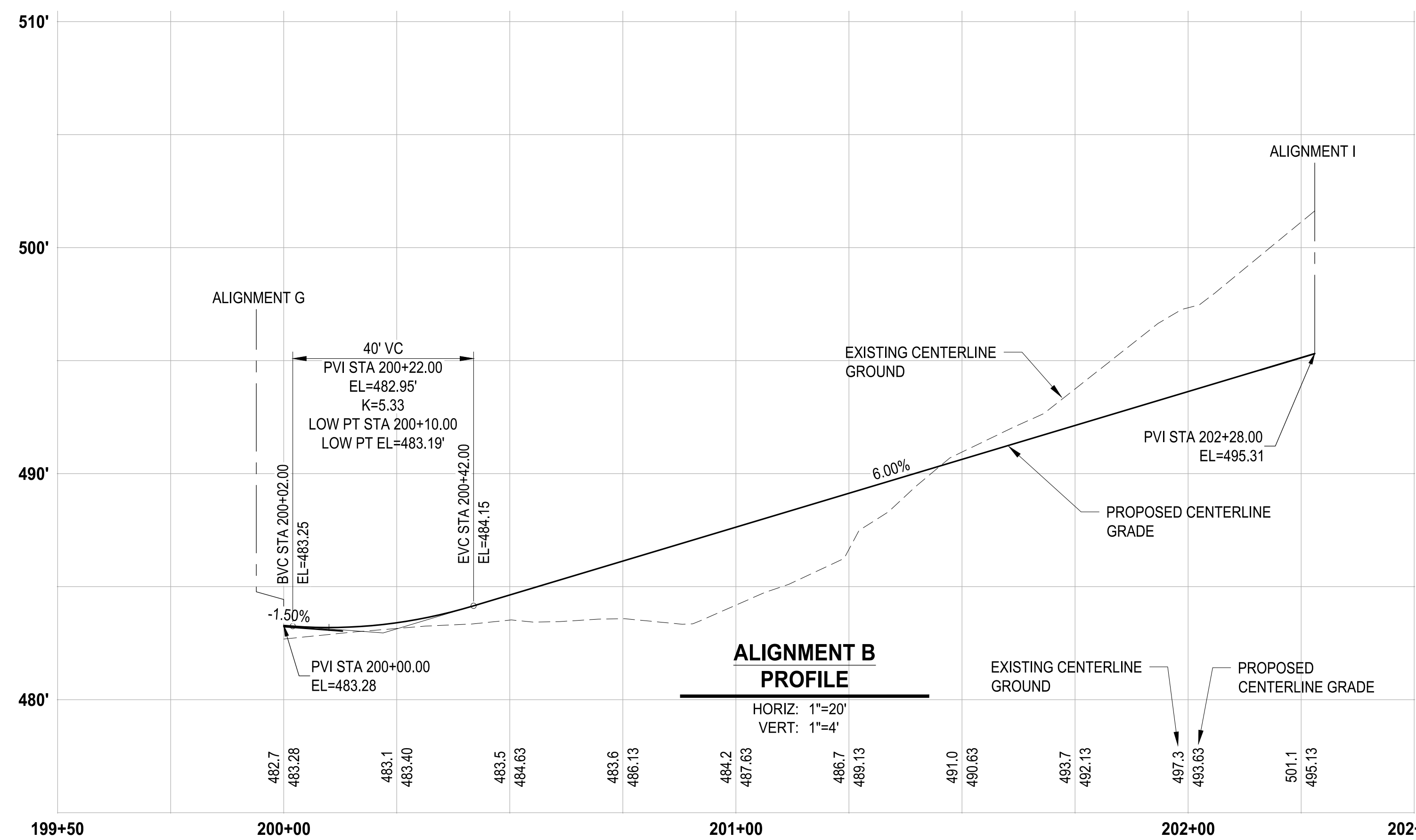
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

NOTE:
THIS APPROVAL IS VOID AFTER 180
DAYS FROM APPROVAL DATE.

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

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



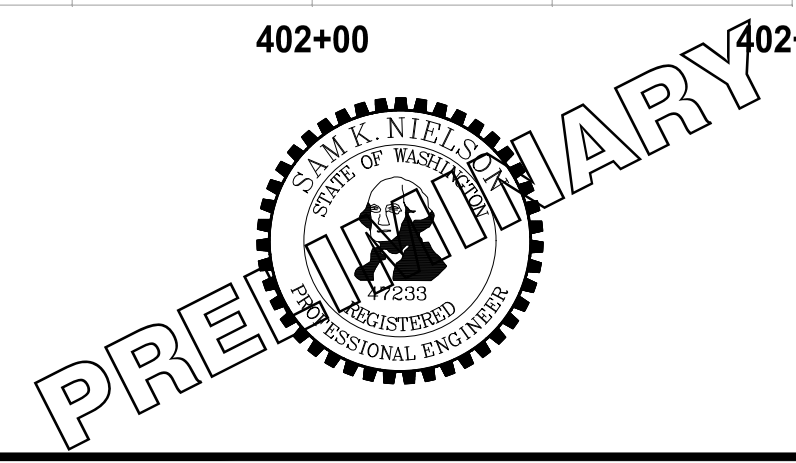
NOTE: SYMBOLS NOT TO SCALE
100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

LAYOUT: GR-07 PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TParkingExpansion\985\Drawings\CAD\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:36 AM

NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				WZG	RLP	DCS	SKN

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

FILE NAME: D:\3-PSO\731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

ALIGNMENT B, C & D PROFILES

DRAWING NO.
37 OF 70
GR-07



Know what's below.
Call before you dig.

APPROVED

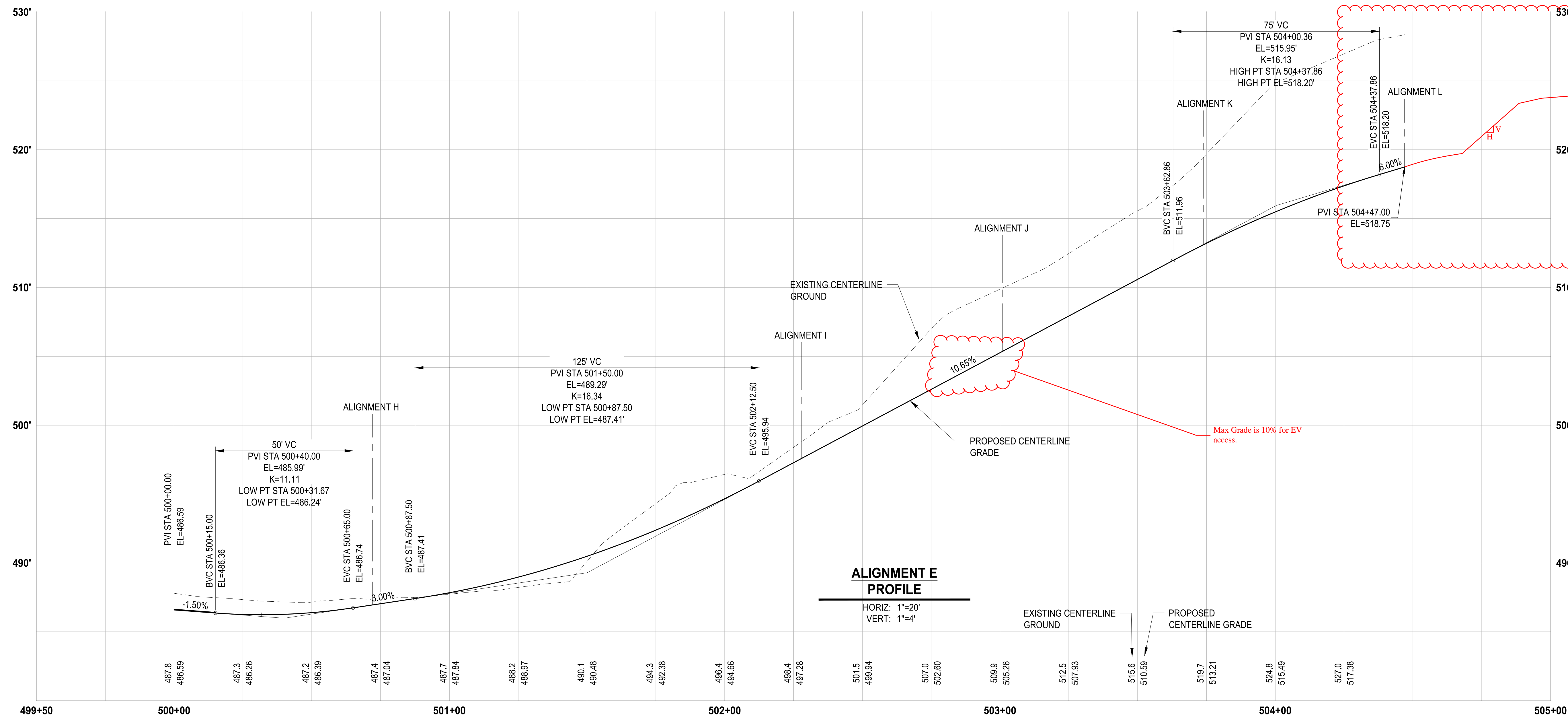
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

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SERVICES MANAGER.



Show Finish Grades to end of project limits (along CL alignment)

Max Grade is 10% for EV access.

LAYOUT: GR-08 P:\17-7312-004 SHB&TC\Projects\217-7312-004 SHB&TC\Projects\Expansion\98\Sves\CADD\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:38 AM

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			RLP
			CHECKED
			DCS
			APPROVED
			SKN

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

FILE NAME
D:\PS\0731200C-GR

JOB No.
217-7312-004

DATE
MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

ALIGNMENT E PROFILE

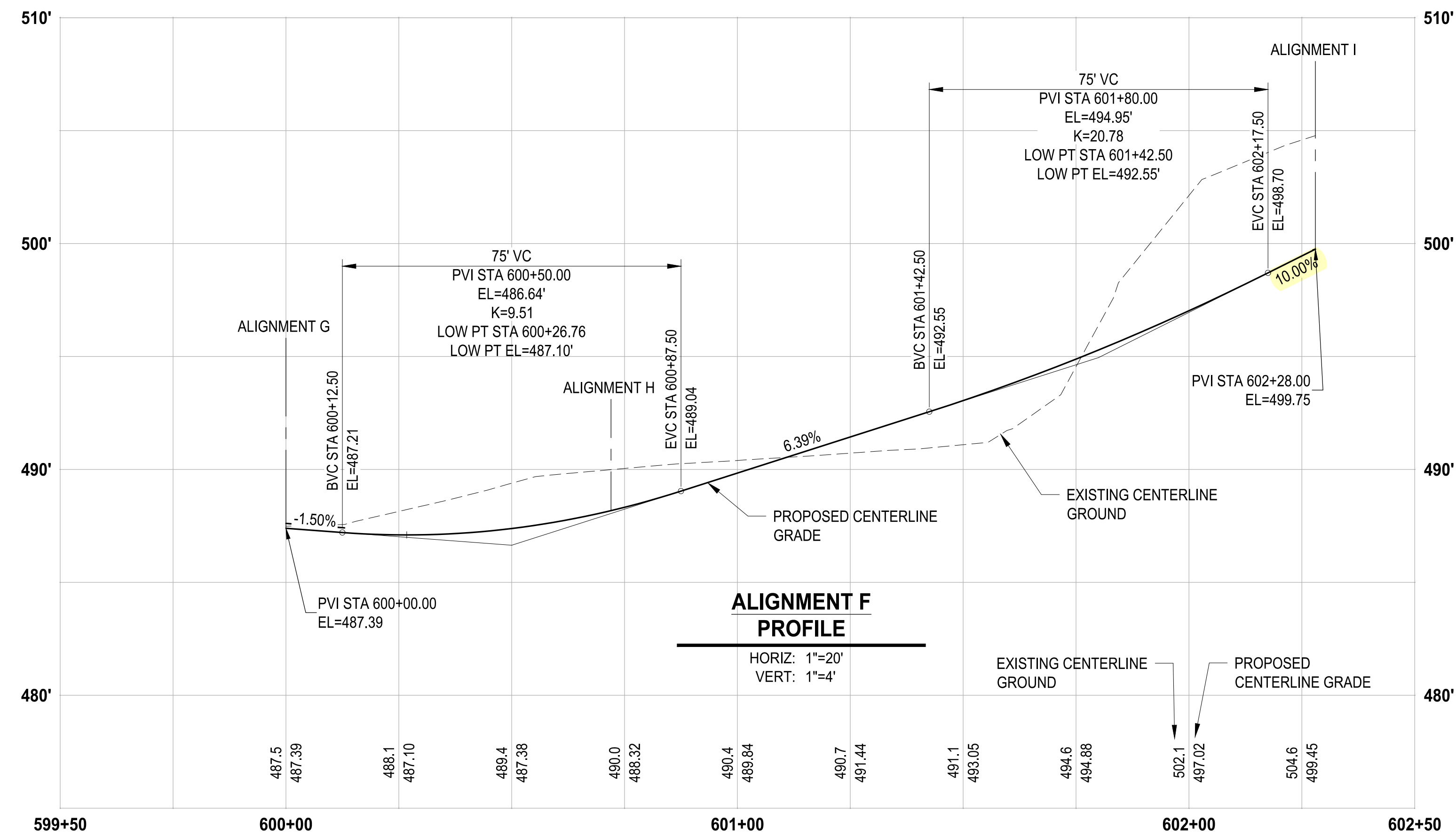
DRAWING NO.
38 OF 70
GR-08

NOTE:
SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION



Know what's below.
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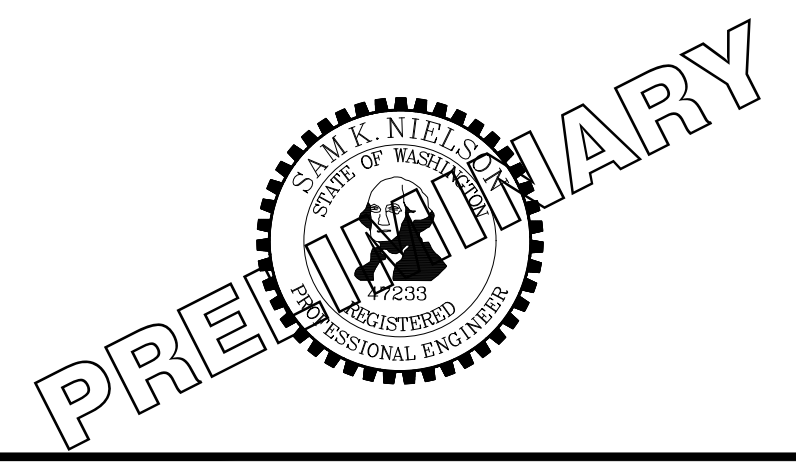


LAYOUT: GR-09 PATH: U:\P50\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TCParkingExpansion\98\Sves\Cadd\DWG PLOTTED BY: petrius DATE: Tuesday, May 18, 2021 11:44:43 AM

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			FLP
			CHECKED
			DCS
			APPROVED
			SKN

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

FILE NAME
03-P50731200C-GR
JOB No.
217-7312-004
DATE
MAY 2021



PROJECT NAME
**SOUTH HILL BUILDING &
TECHNOLOGY CENTER
PARKING EXPANSION**
PUYALLUP, WA

NOTE: SYMBOLS NOT TO SCALE **100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

ALIGNMENT F PROFILE

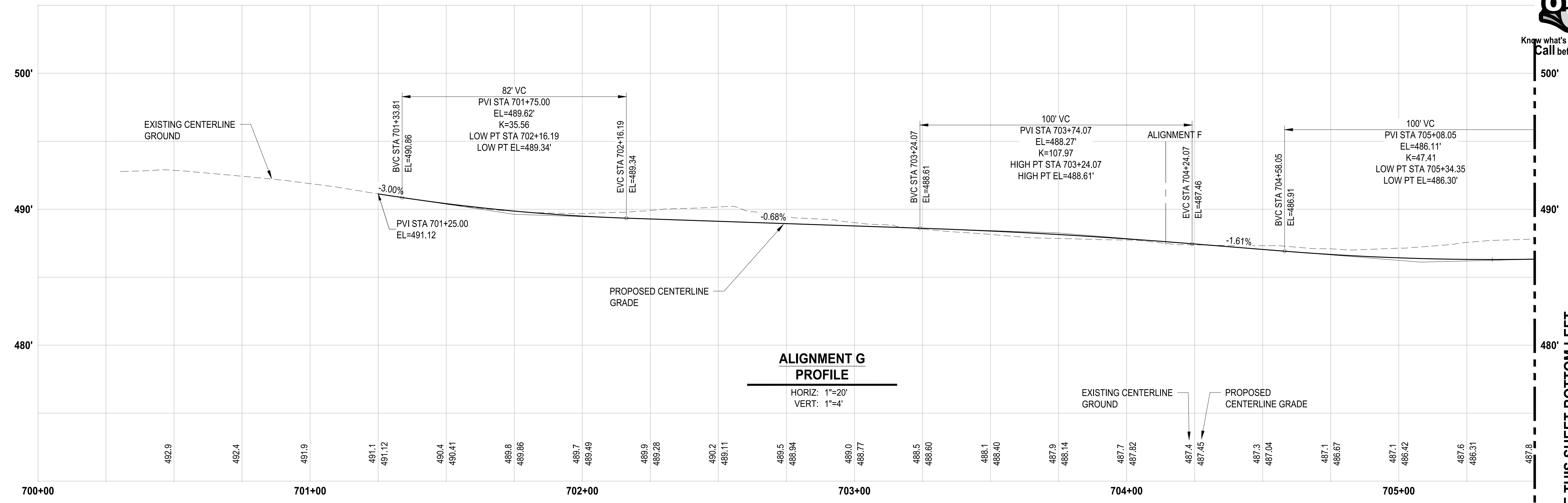
DRAWING NO.
39 OF 70

GR-09

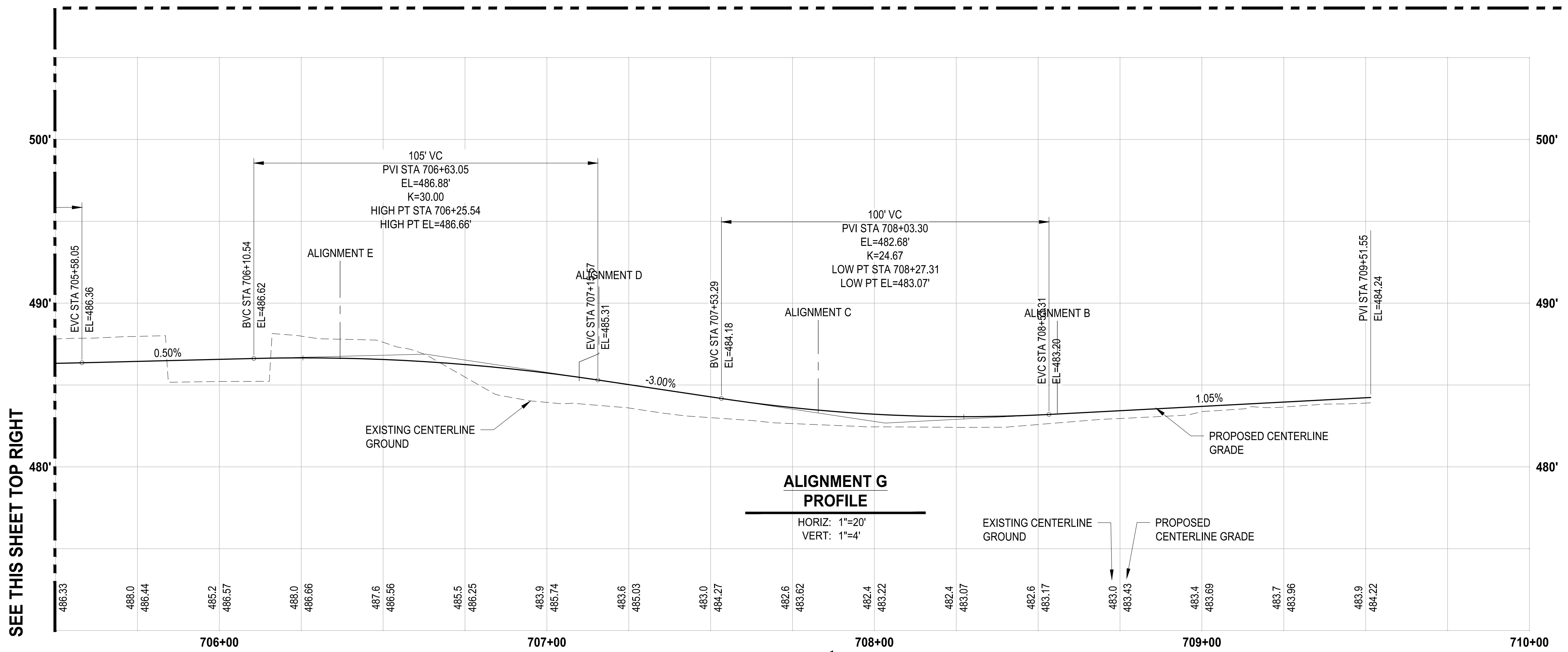
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE:
NOTE:
THIS APPROVAL IS VOID AFTER 180
DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE
FOR ERRORS AND/OR OMISSIONS ON
THESE PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE ENGINEERING
SERVICES MANAGER.



Know what's below.
Call before you dig.



SEE THIS SHEET BOTTOM LEFT



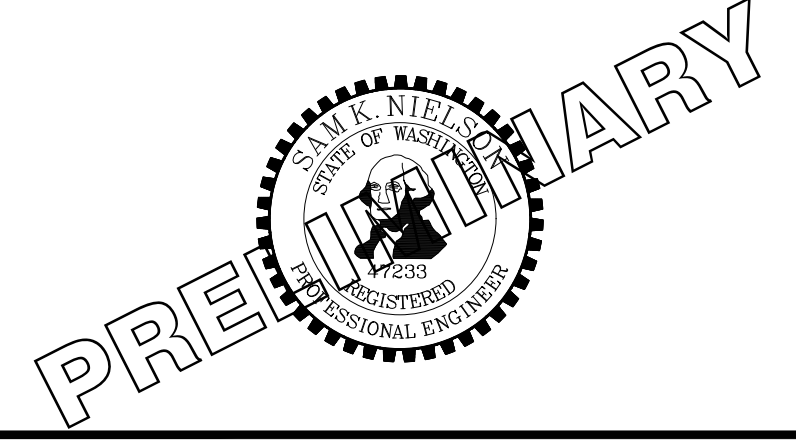
SEE THIS SHEET TOP RIGHT

NOTE: SYMBOLS NOT TO SCALE 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

LAYOUT: GR-10 PATH: U:\PSD\Projects\Clients\7312-Berkeley\217-7312-004-SHB&CParkingExpansion\995\cadd\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:44:47 AM

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	FLP	DCS	SKN

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME: OS-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

ALIGNMENT G PROFILE

DRAWING NO.
40 OF 70
GR-10



Know what's below.
Call before you dig.

APPROVED

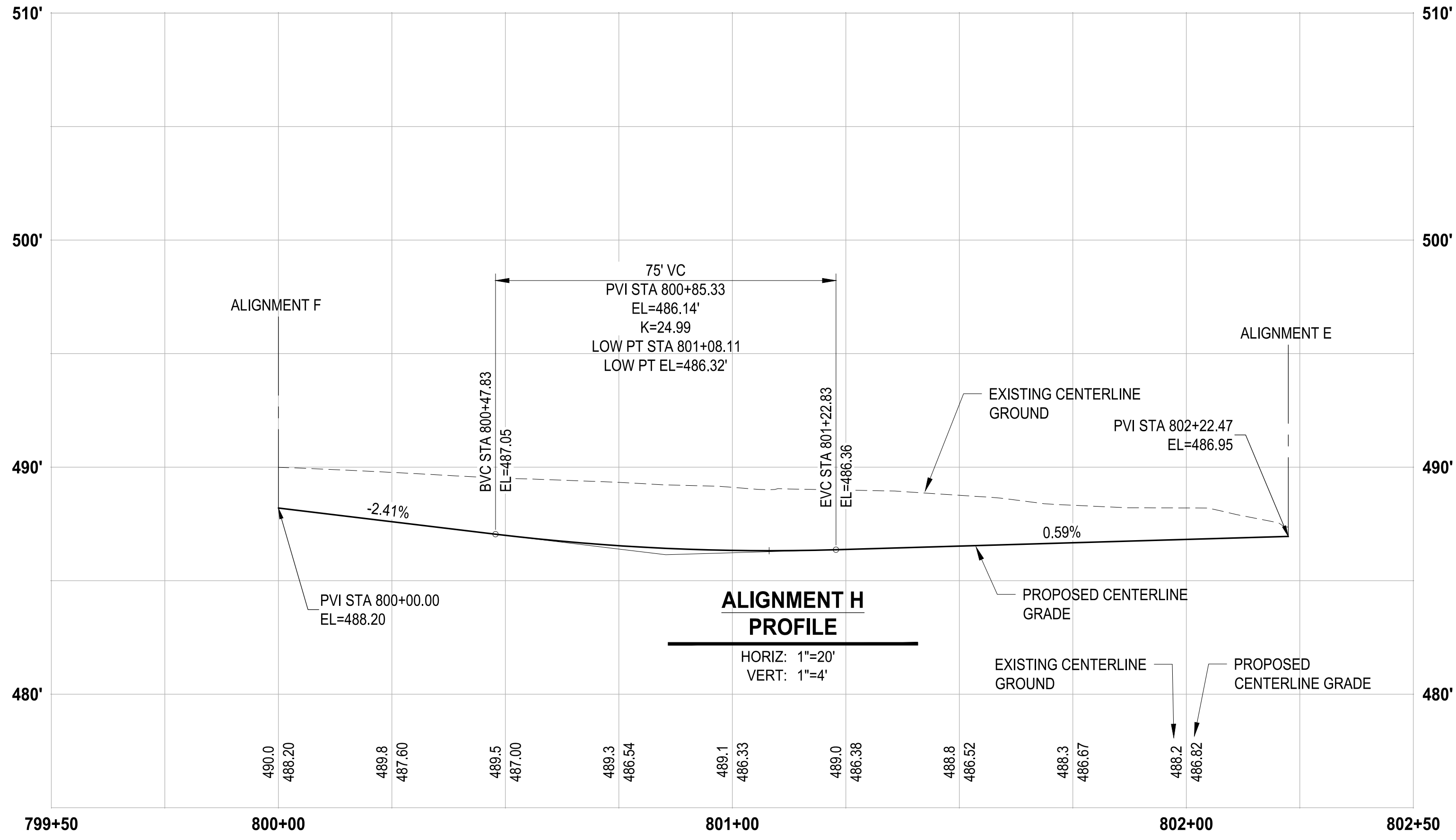
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

NOTE:
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DAYS FROM APPROVAL DATE.

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CHANGES TO THESE PLANS AS
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SERVICES MANAGER.

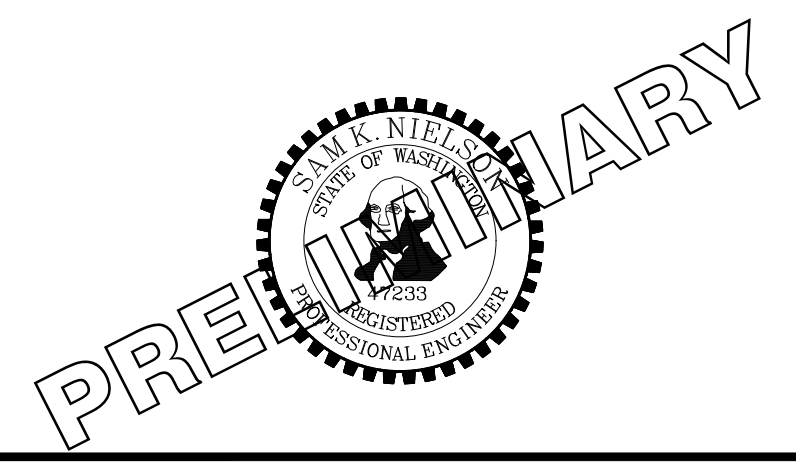


PATH: u:\p\30\Projects\Clients\312-Benaroya\217-7312-004 SH&T\CParkingExpansion\985vcs\CADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:44:49 AM LAYOUT: GR-11

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			RLP
			CHECKED
			DCS
			APPROVED
			SKN

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

FILE NAME
03-PS0731200C-GR
JOB No.
217-7312-004
DATE
MAY 2021



PROJECT NAME
**SOUTH HILL BUILDING &
TECHNOLOGY CENTER
PARKING EXPANSION**
PUYALLUP, WA

NOTE: SYMBOLS NOT TO SCALE

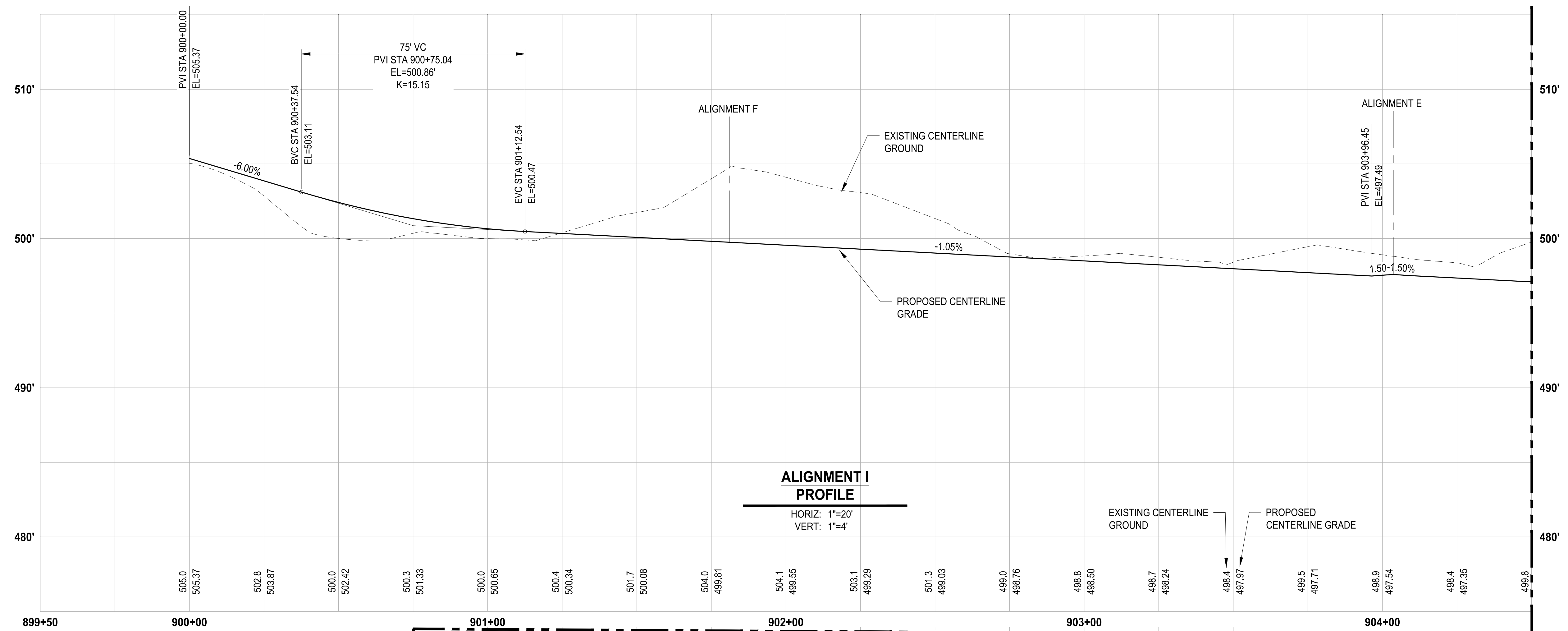
**100 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

ALIGNMENT H PROFILE

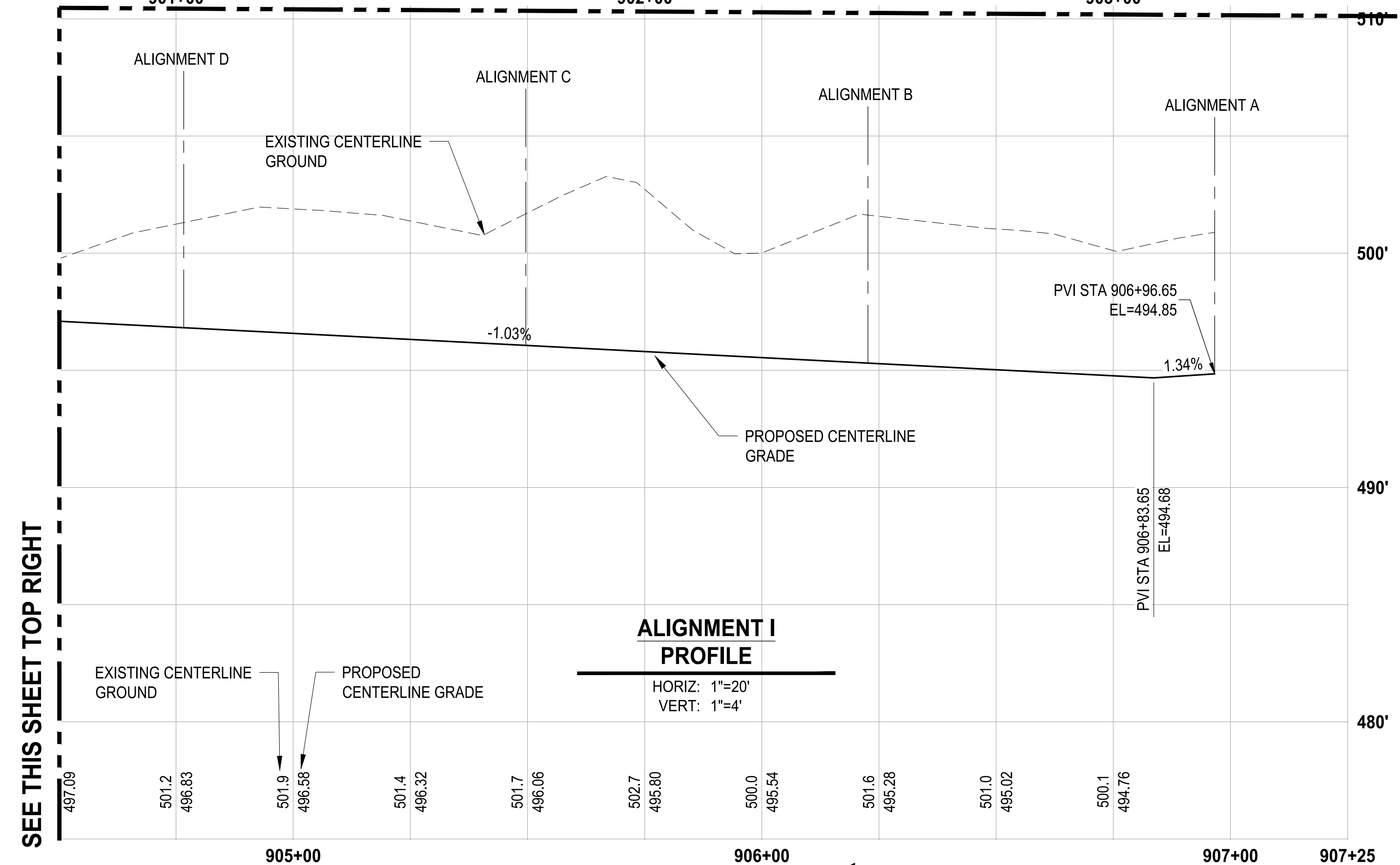
DRAWING NO.
41 OF 70
GR-11



Know what's below.
Call before you dig.



SEE THIS SHEET BOTTOM LEFT



SEE THIS SHEET TOP RIGHT

NOTE: SYMBOLS NOT TO SCALE **100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION**

LAYOUT: GR-12 PATH: U:\PSD\Projects\Clients\7312-Berkeley\217-7312-004 SH&T\ParkingExpansion\985\cs\CAD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:45:00 AM

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			FLP
			CHECKED
			DCS
			APPROVED
			SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: 03-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



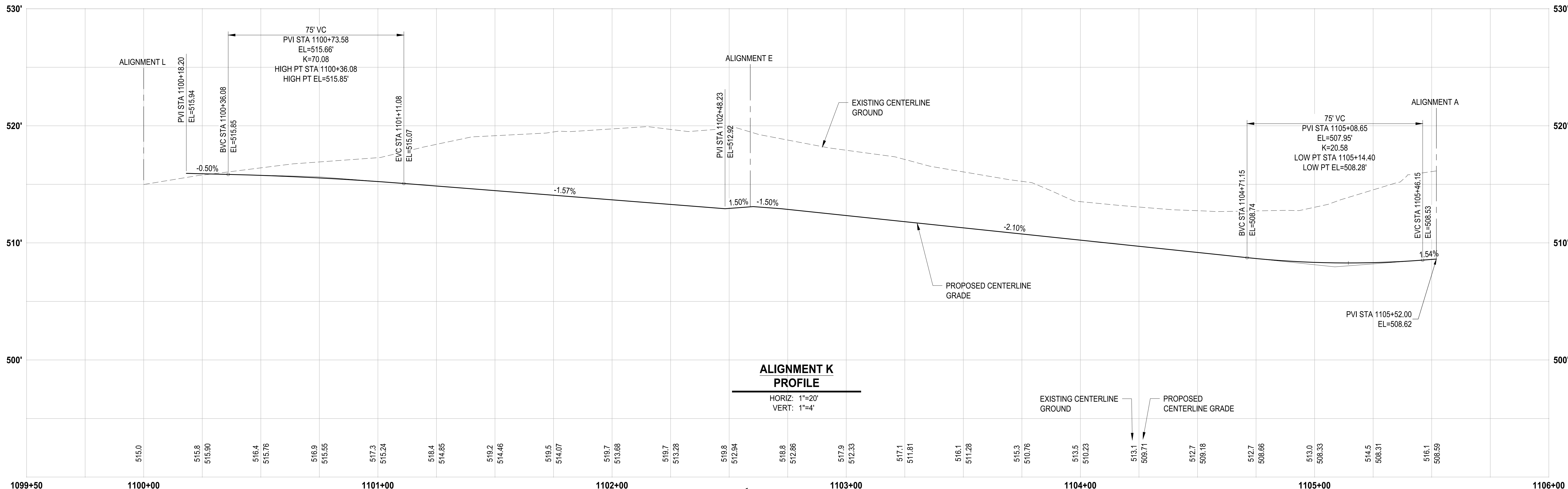
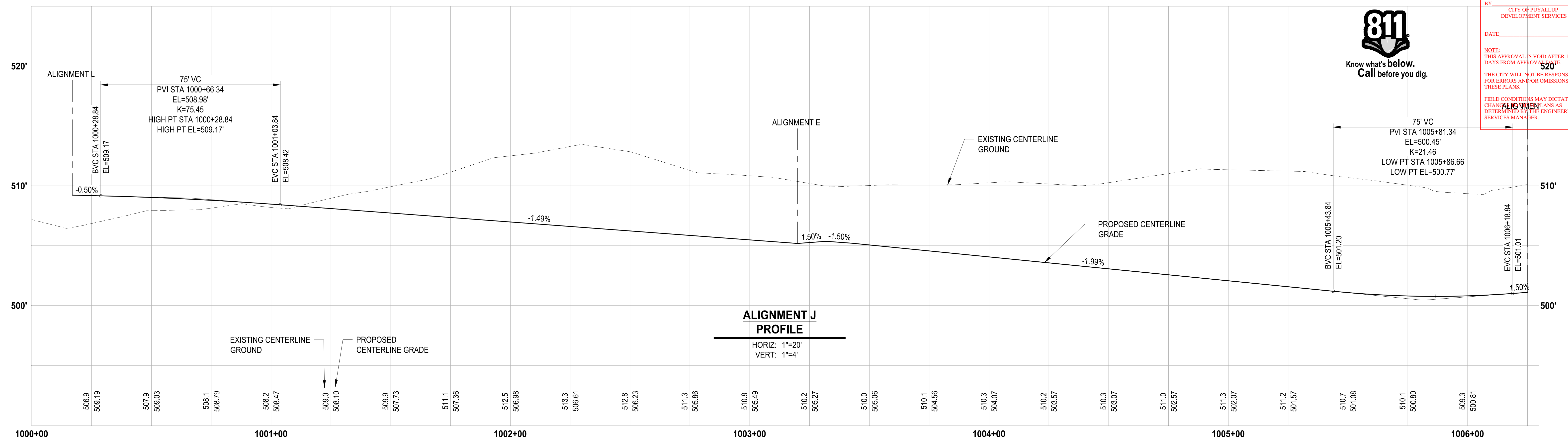
PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

ALIGNMENT I PROFILE

DRAWING NO.
42 OF 70
GR-12



Know what's below. Call before you dig.

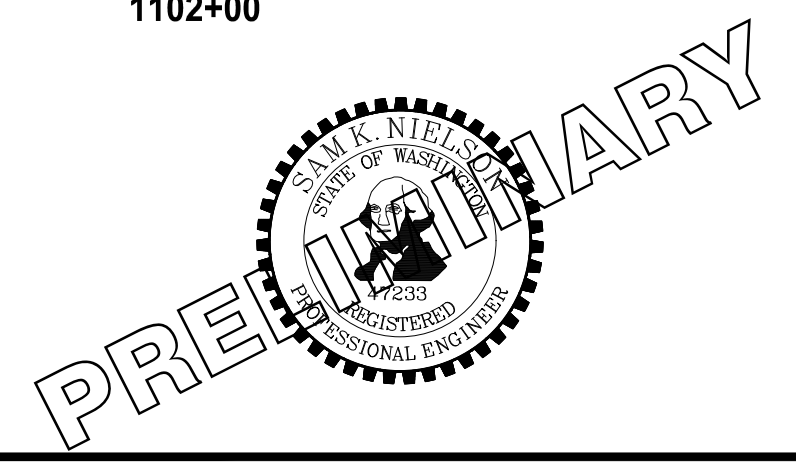


LAYOUT: GR-13 PATH: U:\PSD\Projects\Clients\7312-Benaroy\217-7312-004-SHB&TParkingExpansion\995\cadd\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:45:11 AM

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			FLP
			CHECKED
			DCS
			APPROVED
			SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: OS-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

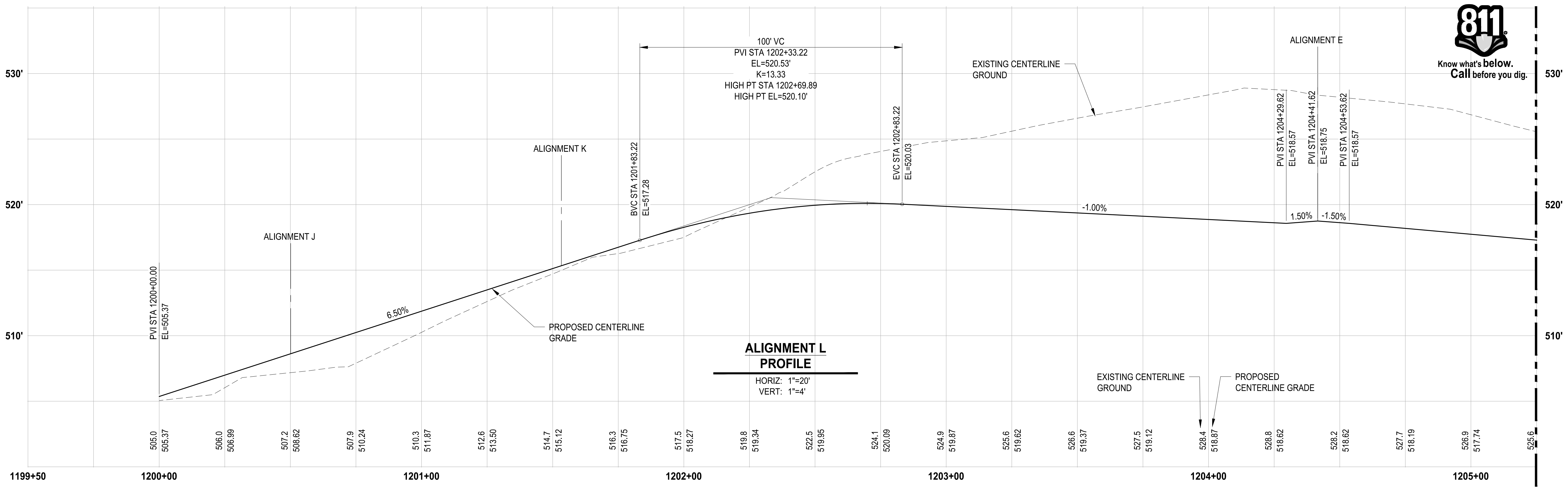
ALIGNMENT J & K PROFILES

DRAWING NO.
43 OF 70
GR-13

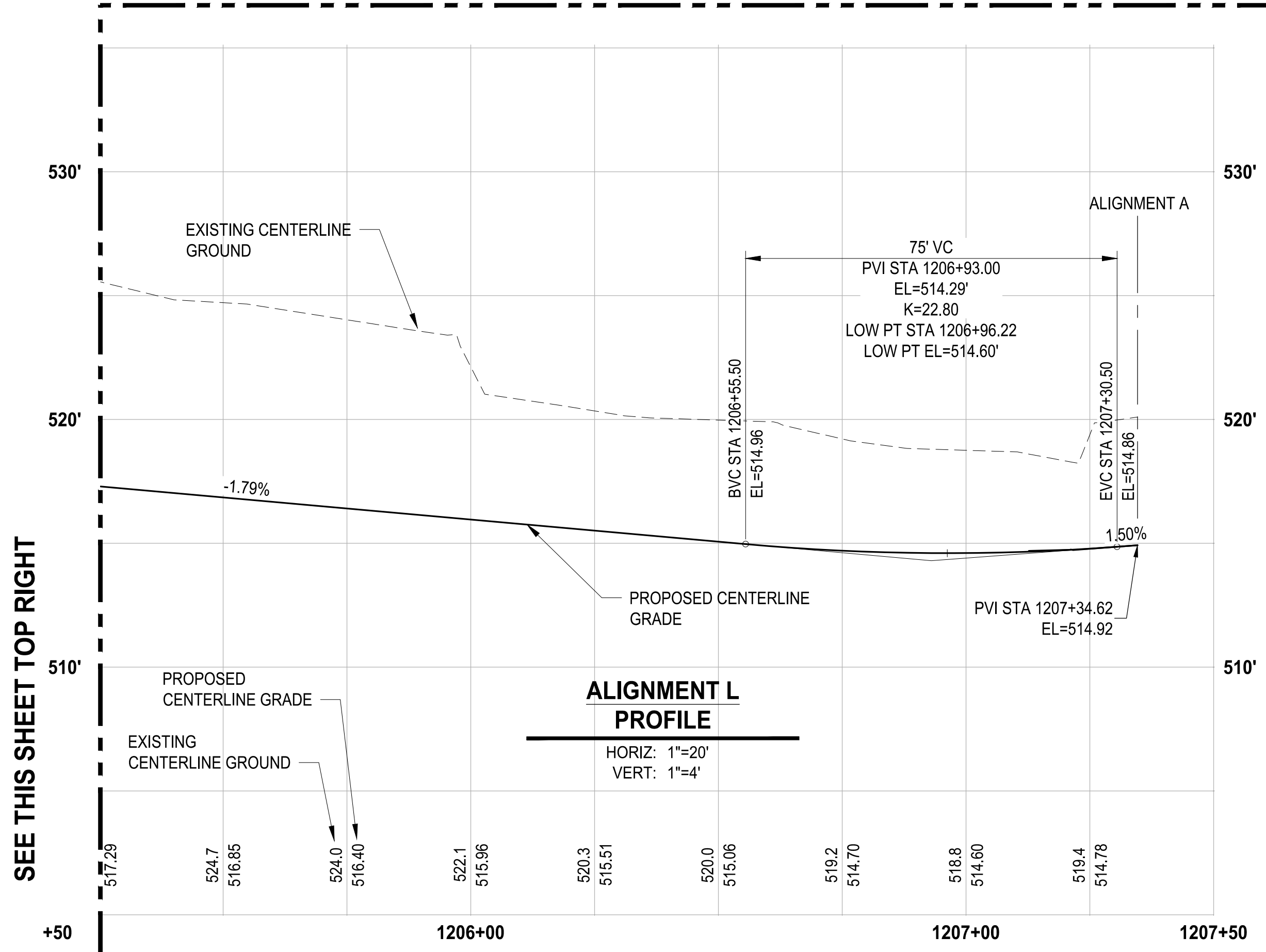
NOTE: SYMBOLS NOT TO SCALE **100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION**



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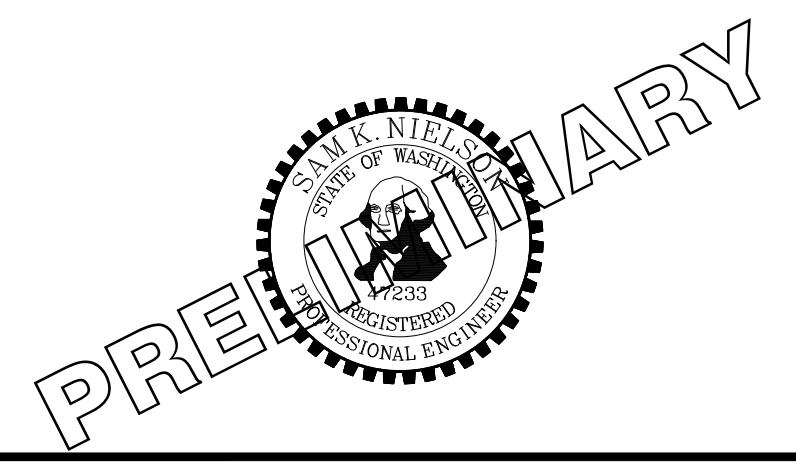
SEE THIS SHEET TOP RIGHT

NOTE: SYMBOLS NOT TO SCALE 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE	BY	DESIGNED
				WZG
				FLP
				DCS
				SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: 03-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

ALIGNMENT L PROFILE

DRAWING NO.
44 OF 70
GR-14



Know what's below. Call before you dig.

- LEGEND:**
- EXISTING MAJOR CONTOUR LINE
 - EXISTING MINOR CONTOUR LINE
 - PROPOSED MAJOR CONTOUR LINE
 - PROPOSED MINOR CONTOUR LINE
 - ROADWAY CENTERLINE
 - PROPERTY BOUNDARY
 - CUT LIMITS
 - FILL LIMITS

- GENERAL NOTE:**
- CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
 - CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND GRADES.
 - TYPICAL ROAD SECTIONS ARE SHOWN ON SHEET TS-01.
 - GRADING POINT TABLES ARE SHOWN ON SHEETS GR-15 THROUGH GR-19.

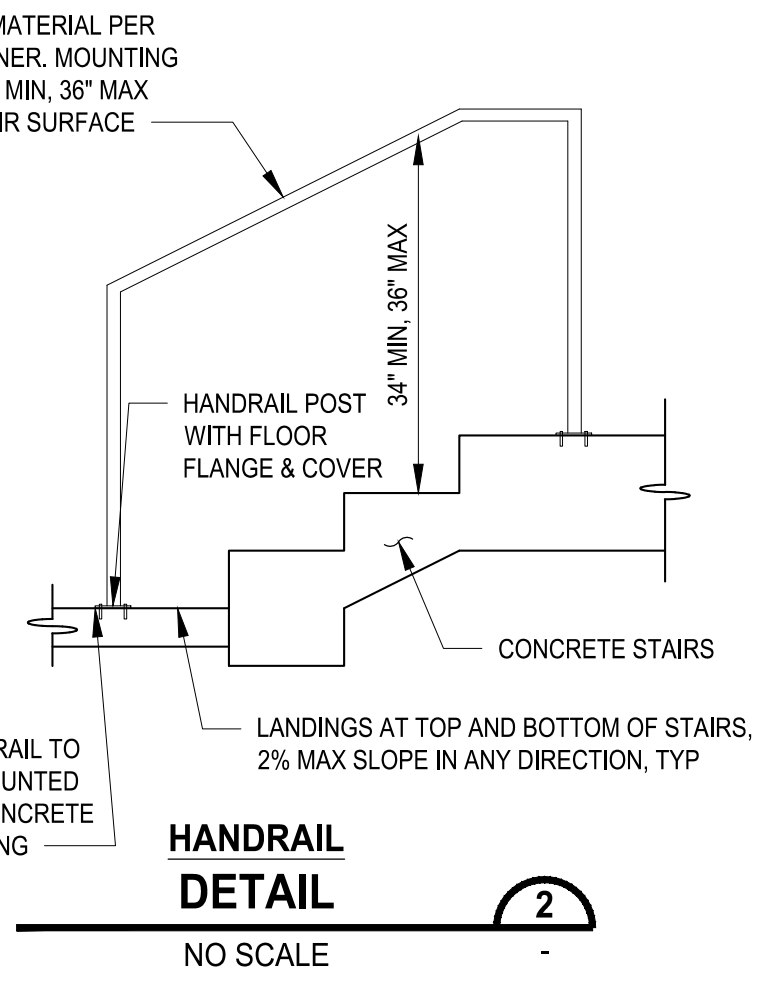
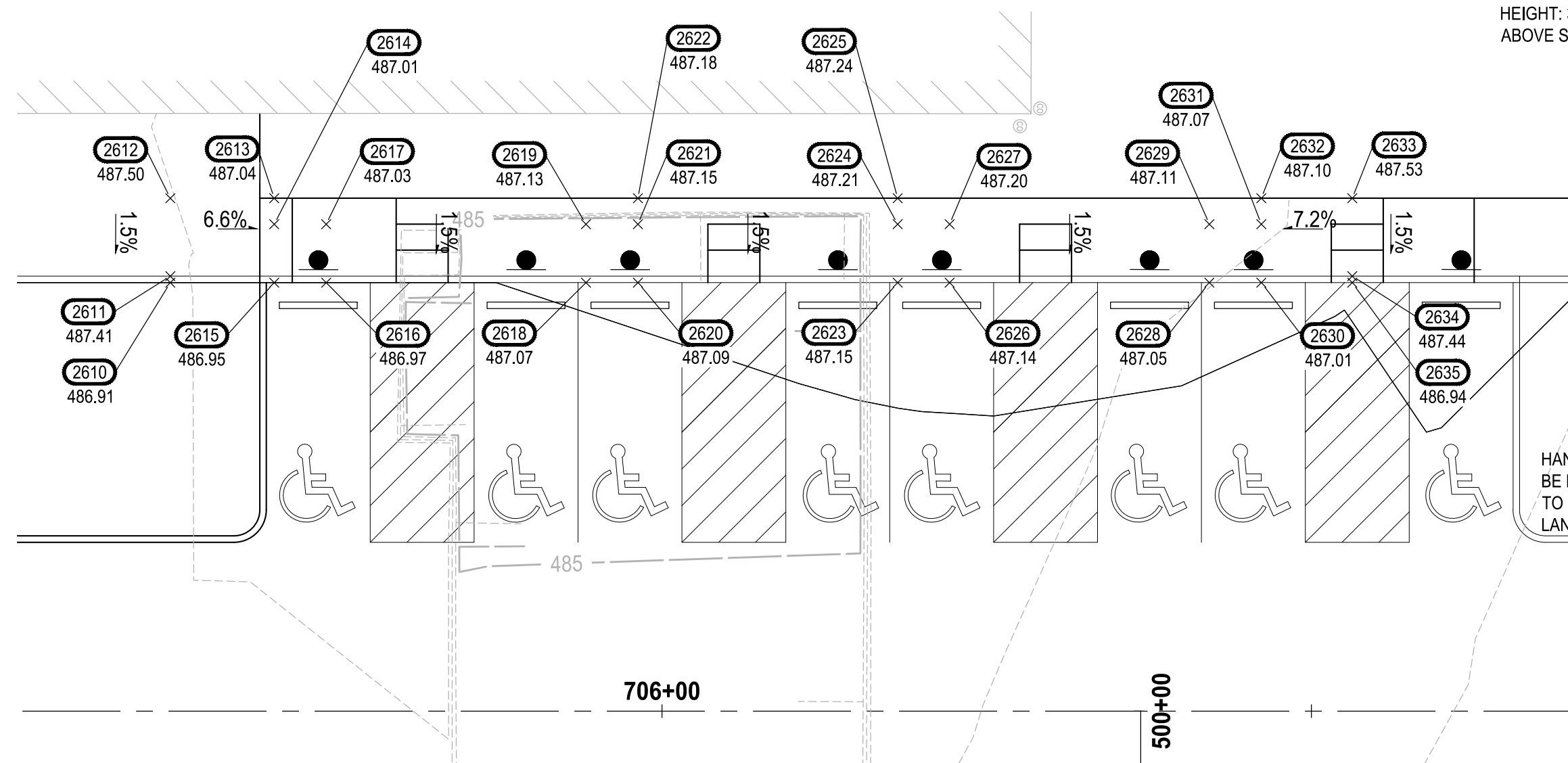
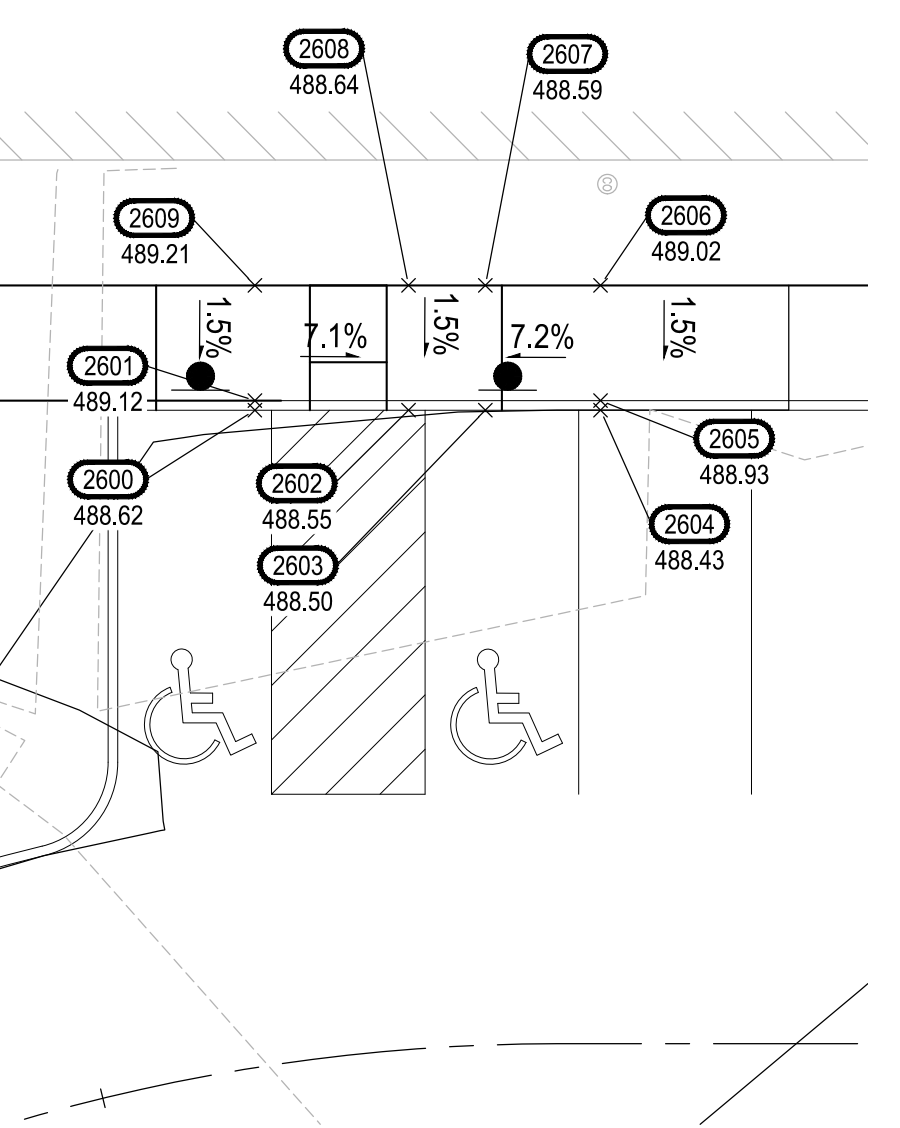
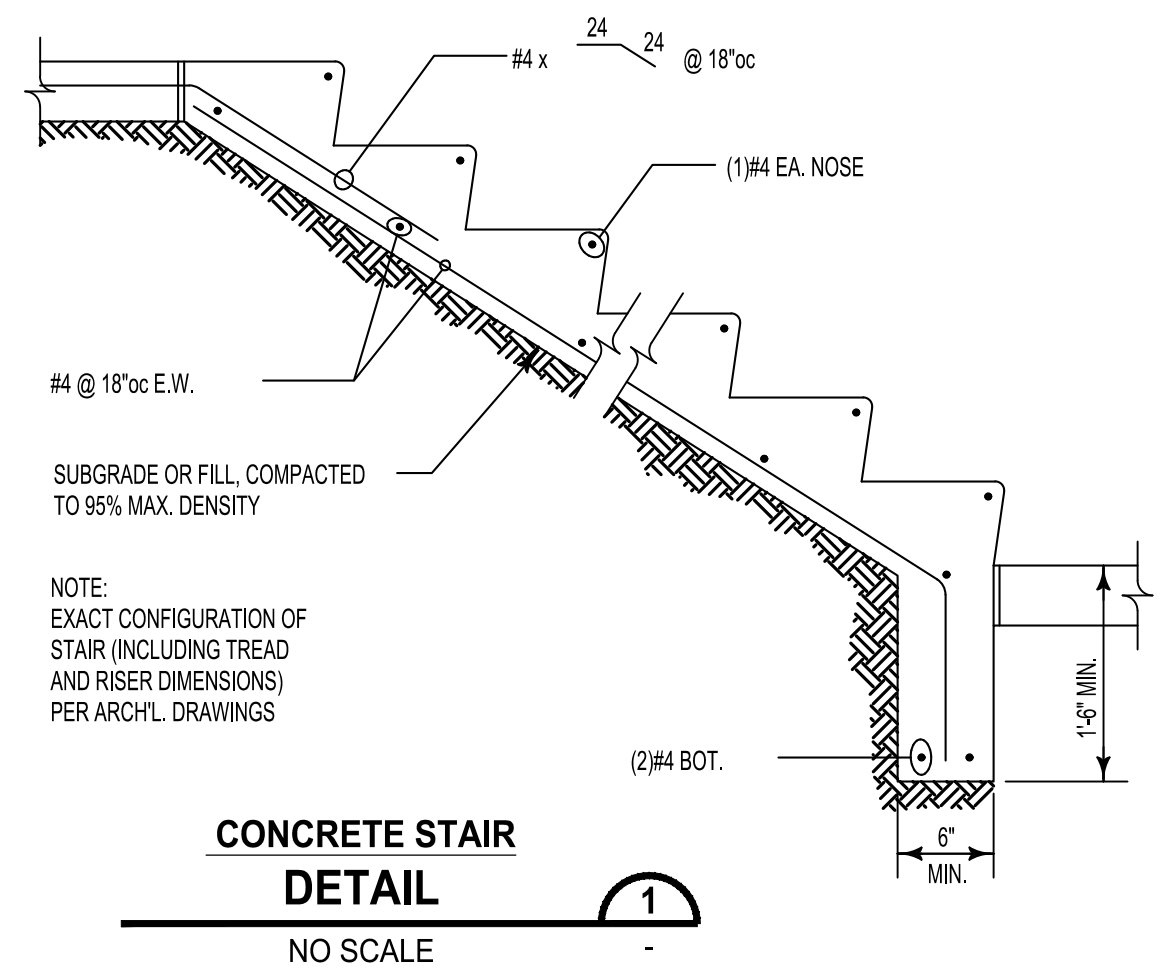
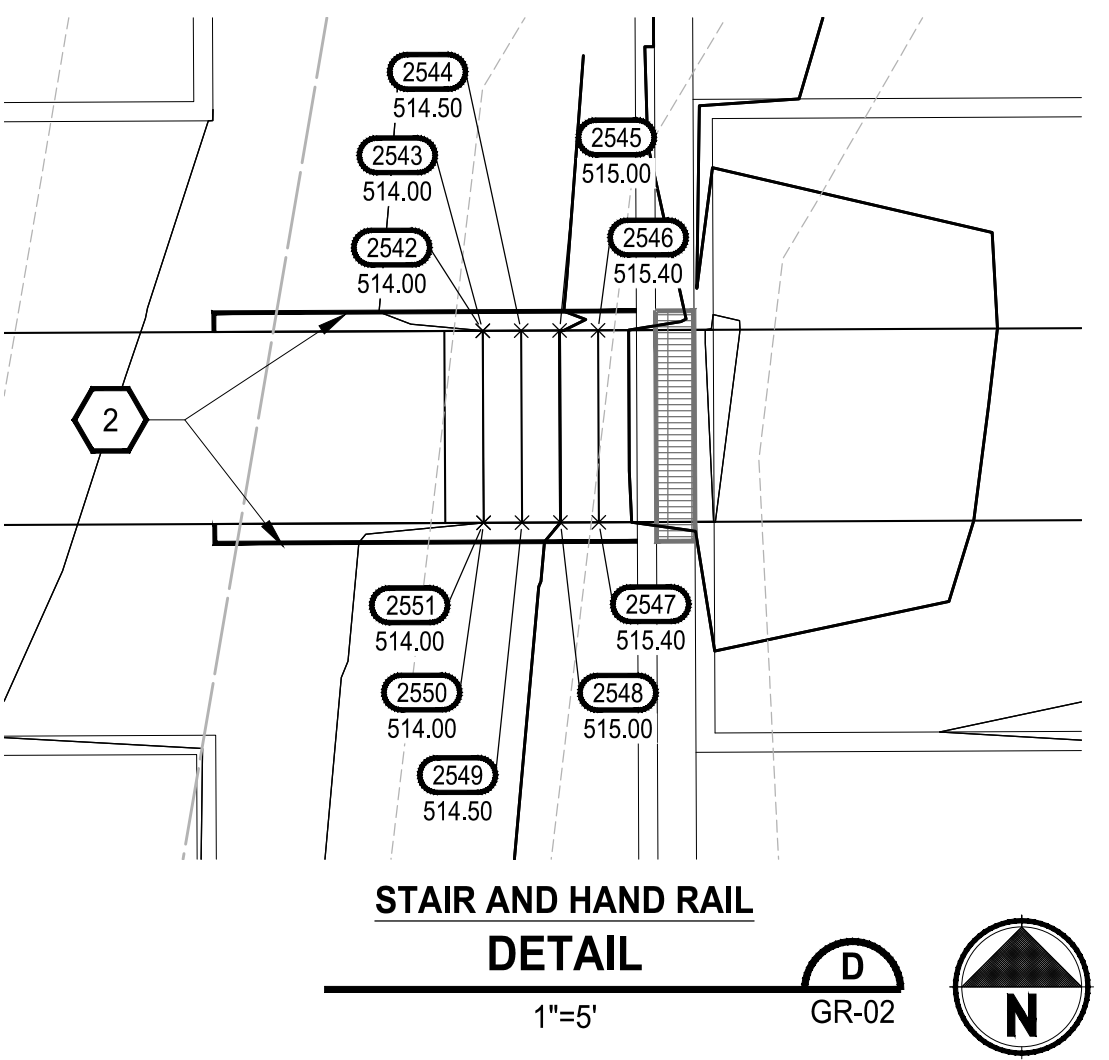
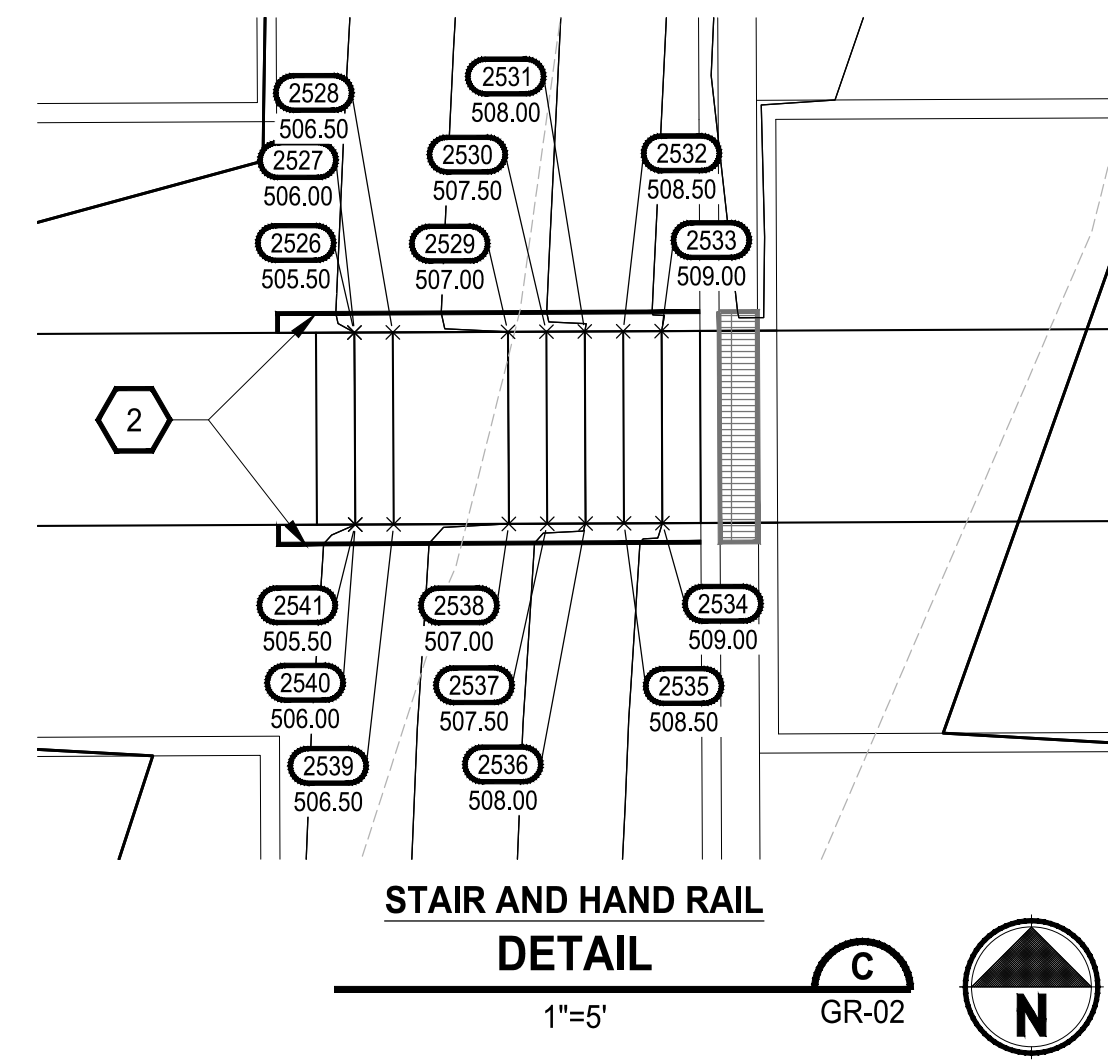
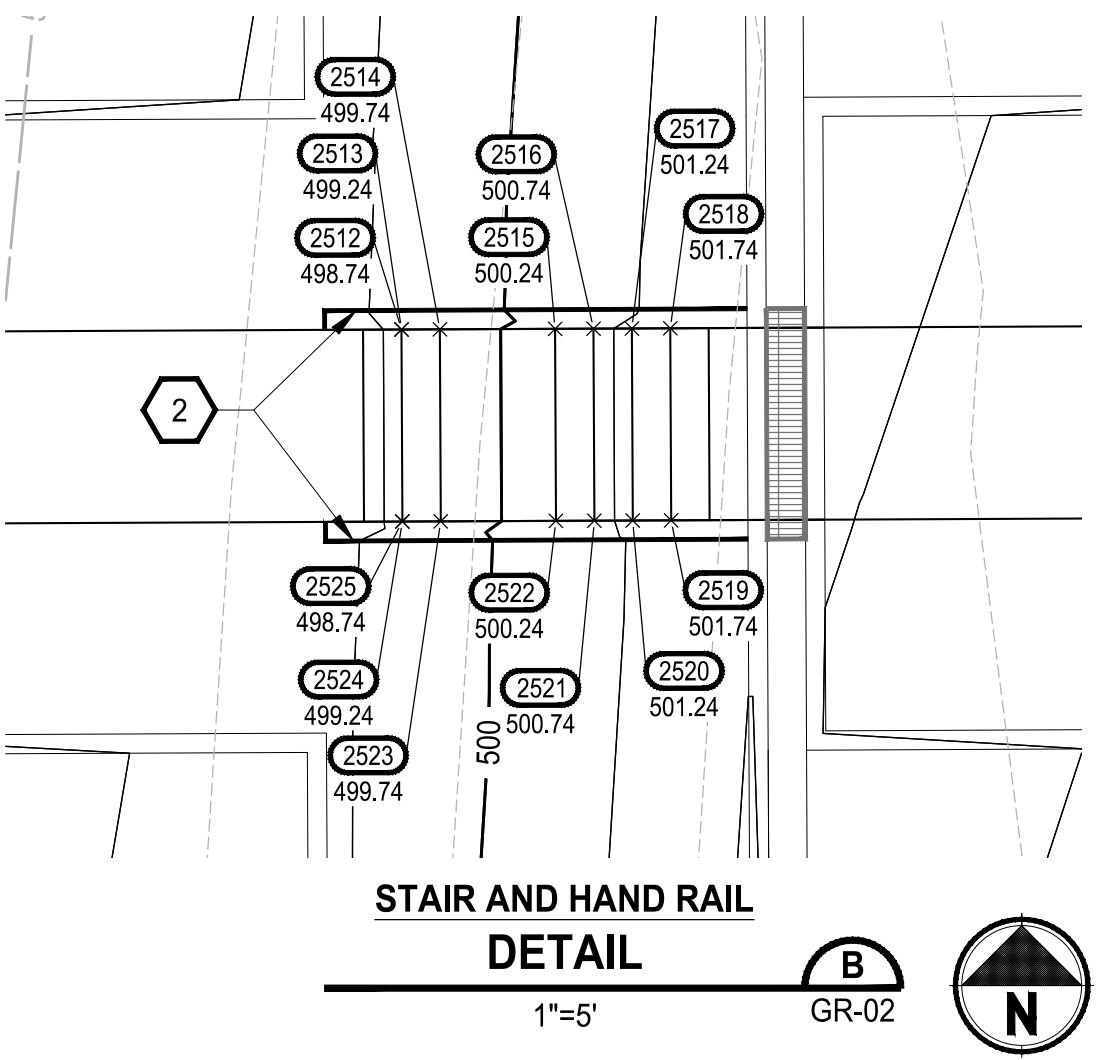
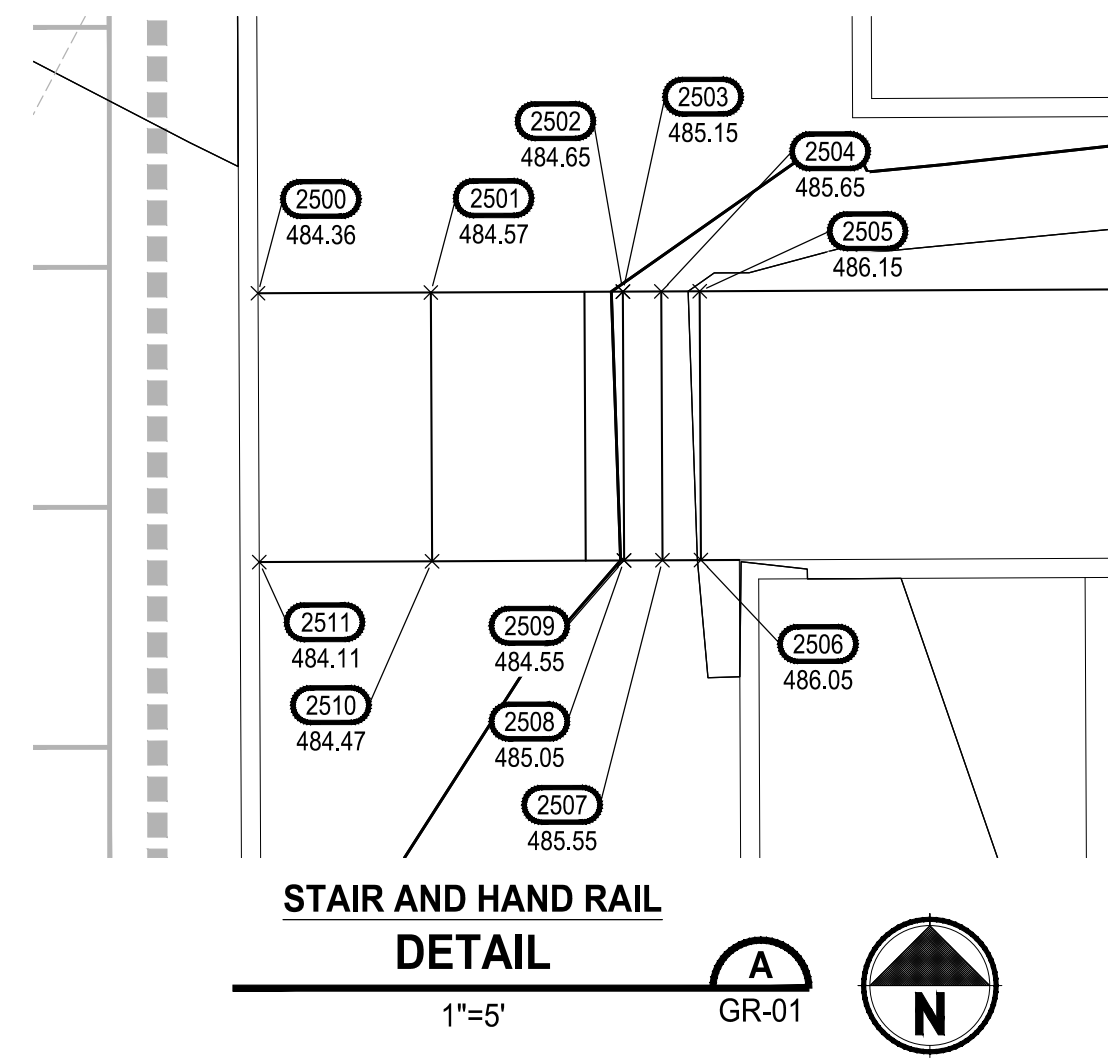
- CONSTRUCTION NOTE:**
- 1 SEE SHEET GR-15 FOR STAIR GRADING DETAILS.
 - 2 CONSTRUCT STAIRS AND HAND RAIL PER DETAIL ON SHEET GR-15.

POINT TABLE FOR GR-15

POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
2500	484.36	671010.54	1197831.30	TBC, ES
2501	484.57	671010.56	1197835.80	ES
2502	484.65	671010.59	1197840.80	BS
2503	485.15	671010.58	1197840.80	TS
2504	485.65	671010.59	1197841.80	TS
2505	486.15	671010.59	1197842.80	TS
2506	486.05	671003.59	1197842.83	TS
2507	485.55	671003.59	1197841.83	TS
2508	485.05	671003.59	1197840.83	TS
2509	484.55	671003.59	1197840.83	BS
2510	484.47	671003.56	1197835.83	ES
2511	484.11	671003.54	1197831.33	TBC, ES
2512	488.74	671010.15	1198077.31	BS
2513	499.24	671010.15	1198077.31	TS
2514	499.74	671010.15	1198078.31	TS
2515	500.24	671010.17	1198081.31	TS
2516	500.74	671010.17	1198082.31	TS
2517	501.24	671010.18	1198083.31	TS
2518	501.74	671010.18	1198084.31	TS
2519	501.74	671005.18	1198084.33	TS
2520	501.24	671005.18	1198083.33	TS
2521	500.74	671005.17	1198082.33	TS
2522	500.24	671005.17	1198081.33	TS
2523	499.74	671005.15	1198078.33	TS
2524	499.24	671005.15	1198077.33	TS
2525	488.74	671005.15	1198077.33	BS
2526	505.50	671010.48	1198150.31	BS
2527	506.00	671010.48	1198150.31	TS
2528	506.50	671010.48	1198151.31	TS
2529	507.00	671010.50	1198154.31	TS
2530	507.50	671010.50	1198155.31	TS
2531	508.00	671010.51	1198156.31	TS
2532	508.50	671010.51	1198157.31	TS
2533	509.00	671010.51	1198158.31	TS
2534	509.00	671005.52	1198158.33	TS
2535	508.50	671005.51	1198157.33	TS
2536	508.00	671005.51	1198156.33	TS
2537	507.50	671005.50	1198155.33	TS
2538	507.00	671005.50	1198154.33	TS
2539	506.50	671005.48	1198151.33	TS
2540	506.00	671005.48	1198150.33	TS
2541	505.50	671005.48	1198150.33	BS
2542	514.00	671010.83	1198228.31	BS
2543	514.00	671010.83	1198228.31	TS
2544	514.50	671010.83	1198229.31	TS
2545	515.00	671010.84	1198230.31	TS
2546	515.40	671010.84	1198231.31	TS
2547	515.40	671005.84	1198231.33	TS
2548	515.00	671005.84	1198230.33	TS
2549	514.50	671005.83	1198229.33	TS
2550	514.00	671005.83	1198228.33	TS
2551	514.00	671005.83	1198228.33	BS

POINT TABLE FOR GR-15

POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
2600	488.62	670619.12	1197786.56	BFC
2601	489.12	670619.12	1197786.07	TBC
2602	488.55	670627.12	1197786.53	BFC
2603	488.50	670631.12	1197786.51	BFC
2604	488.43	670637.12	1197786.49	BFC
2605	488.93	670637.12	1197785.99	TBC
2606	489.02	670637.09	1197779.99	TR, ES
2607	488.59	670631.09	1197780.01	BR, ES
2608	488.64	670627.09	1197780.03	BR, ES
2609	489.21	670619.09	1197780.07	TR, ES
2610	486.91	670823.12	1197785.65	BFC
2611	487.41	670823.12	1197785.15	TBC
2612	487.50	670823.09	1197779.15	ES, TR
2613	487.04	670831.09	1197779.11	ES, BR
2614	487.01	670831.10	1197781.11	GP
2615	486.95	670831.12	1197785.61	BFC
2616	486.97	670835.12	1197785.60	BFC
2617	487.03	670835.10	1197781.10	GP
2618	487.07	670855.12	1197785.51	BFC
2619	487.13	670855.10	1197781.01	GP
2620	487.09	670859.12	1197785.49	BFC
2621	487.15	670859.10	1197780.99	GP
2622	487.18	670859.09	1197778.99	ES, GP
2623	487.15	670879.12	1197785.40	BFC
2624	487.21	670879.10	1197780.90	GP
2625	487.24	670879.09	1197778.90	ES, GP
2626	487.14	670883.12	1197785.38	BFC
2627	487.20	670883.10	1197780.88	GP
2628	487.05	670903.12	1197785.29	BFC
2629	487.11	670903.10	1197780.79	GP
2630	487.01	670907.12	1197785.27	BFC
2631	487.07	670907.10	1197780.77	GP
2632	487.10	670907.09	1197778.77	ES, BR
2633	487.53	670914.09	1197778.74	ES, TR
2634	487.44	670914.12	1197784.74	TBC
2635	486.94	670914.12	1197785.24	BFC



ABBREVIATION TABLE

BFC	BOTTOM FACE OF CURB
BFW	BOTTOM FACE OF WALL
BR	BOTTOM OF RAMP
BS	BOTTOM OF STAIR
CC	CURB CUT
CVF	CONTRACTOR TO VERIFY IN FIELD
EA	EDGE OF ASPHALT
EC	EDGE OF CONCRETE
ES	EDGE OF SIDEWALK
FL	FLOW LINE
MC	MIDDLE OF CURVE
ME	MATCH EXISTING
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PT	POINT OF TANGENT
TBC	TOP BACK OF CURB
TBW	TOP BACK OF WALL
TR	TOP OF RAMP
TS	TOP OF STAIR

NOTE: SYMBOLS NOT TO SCALE 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

LAYOUT: GR-15 PATH: U:\PSD\Projects\Clients\7312-7312-004_SHB&T\ParkingExpansion\985\CAADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 12:04:19 PM

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: Q5-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

GRADING PLAN STAIR DETAILS

DRAWING NO. 45 OF 70
GR-15

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



Know what's below. Call before you dig.

"AP" not in Abbreviation Table

POINT TABLE FOR GR-01
POINT # ELEVATION NORTHING EASTING DESCRIPTION
4011 493.35 670860.32 1198003.83 BFW
4012 494.85 670859.82 1198003.83 TBW
4013 496.58 670860.39 1198018.83 FBW
4014 498.08 670859.89 1198019.33 TBW
4015 495.01 670879.39 1198018.74 BFW
4016 496.51 670879.39 1198019.24 TBW

"FBW" not in Abbreviation Table

POINT TABLE FOR GR-01
POINT # ELEVATION NORTHING EASTING DESCRIPTION
1 484.22 671178.17 1197859.55 BFC, PC
2 484.26 671177.45 1197861.32 BFC, MC
3 484.29 671175.68 1197862.06 BFC, PT
4 484.08 671161.68 1197862.12 BFC, AP
5 488.02 671162.04 1197942.12 BFC, AP
6 488.23 671176.04 1197942.06 BFC, PC
7 488.30 671177.81 1197942.78 BFC, MC
8 488.41 671178.55 1197944.55 BFC, PT
9 488.65 671178.57 1197948.55 BFC, PC
10 488.75 671177.85 1197950.32 BFC, MC
11 488.77 671176.08 1197951.06 BFC, PT
12 488.56 671162.08 1197951.12 BFC, AP
13 492.90 671162.41 1198023.12 BFC, AP
14 493.11 671175.98 1198023.06 BFC, PC
15 493.23 671178.02 1198024.11 BFC, MC
16 493.35 671178.35 1198026.38 BFC, PCC
17 493.71 671174.72 1198031.23 BFC, MC
18 494.06 671168.95 1198033.09 BFC, MC
19 494.36 671139.95 1198033.22 BFC, PC
20 494.17 671134.17 1198031.41 BFC, MC
21 493.99 671130.50 1198026.60 BFC, PC
22 493.88 671130.80 1198024.32 BFC, MC
23 493.76 671132.84 1198023.25 BFC, PT
24 493.51 671149.41 1198023.18 BFC, AP
25 489.20 671149.08 1197951.18 BFC, AP
26 489.45 671132.08 1197951.26 BFC, PC
27 489.39 671130.31 1197950.53 BFC, MC
28 489.34 671129.57 1197948.77 BFC, PT
29 489.10 671129.56 1197944.77 BFC, PC
30 489.01 671130.28 1197943.00 BFC, MC
31 488.91 671132.04 1197942.26 BFC, PT
32 488.66 671149.04 1197942.18 BFC, AP
33 482.96 671148.60 1197843.18 BFC, AP
34 483.21 671131.60 1197843.26 BFC, PC
36 483.20 671129.83 1197842.53 BFC, MC
37 483.18 671129.08 1197840.27 BFC, PCC
38 483.24 671131.98 1197833.18 BFC, MC
39 483.31 671139.04 1197830.22 BFC, PT
40 483.45 671153.04 1197830.16 BFC, PC
41 483.85 671170.75 1197837.40 BFC, MC
42 484.04 671178.15 1197855.05 BFC, PT
43 483.27 671105.10 1197843.88 BFC, PC
44 483.29 671104.38 1197845.65 BFC, MC
45 483.31 671102.61 1197846.39 BFC, PT
46 483.10 671088.61 1197846.45 BFC, AP
47 488.70 671089.04 1197942.45 BFC, AP
48 488.91 671103.04 1197942.39 BFC, PC
49 489.01 671104.82 1197943.11 BFC, MC
50 489.10 671105.56 1197944.88 BFC, PT
51 489.34 671105.57 1197948.88 BFC, PC
52 489.39 671104.85 1197950.65 BFC, MC
53 489.45 671103.08 1197951.39 BFC, PT
54 489.24 671089.08 1197951.45 BFC, AP
55 493.56 671089.41 1198023.45 BFC, AP
56 493.76 671102.98 1198023.39 BFC, PC
57 493.88 671105.03 1198024.44 BFC, MC
58 493.99 671105.35 1198026.71 BFC, PCC
59 494.40 671101.72 1198031.56 BFC, MC
60 494.81 671095.95 1198033.42 BFC, PT
61 495.11 671066.95 1198033.55 BFC, PC

POINT TABLE FOR GR-01
POINT # ELEVATION NORTHING EASTING DESCRIPTION
62 494.91 671061.17 1198031.74 BFC, MC
63 494.71 671057.50 1198026.93 BFC, PC
64 494.59 671057.80 1198024.65 BFC, MC
65 494.46 671059.84 1198023.58 BFC, PT
66 494.21 671076.41 1198023.51 BFC, AP
67 489.64 671076.08 1197951.51 BFC, AP
68 489.90 671059.09 1197951.59 BFC, PC
69 489.88 671057.31 1197950.86 BFC, MC
70 489.78 671056.57 1197949.10 BFC, PT
71 489.52 671056.56 1197945.10 BFC, PC
72 489.40 671057.28 1197943.33 BFC, MC
73 489.33 671059.04 1197942.59 BFC, PT
74 489.07 671076.04 1197942.51 BFC, AP
75 483.05 671075.60 1197843.51 BFC, AP
76 483.30 671058.60 1197843.59 BFC, PC
77 483.29 671056.83 1197842.86 BFC, MC
78 483.27 671056.09 1197841.10 BFC, PT
79 483.26 671056.09 1197840.60 BFC, PC
80 483.08 671058.98 1197833.51 BFC, MC
81 482.90 671066.04 1197830.55 BFC, PT
82 482.89 671095.04 1197830.42 BFC, PC
83 483.04 671102.12 1197833.32 BFC, MC
84 483.18 671105.08 1197840.38 BFC, PT
85 483.71 671032.10 1197844.21 BFC, PC
86 483.79 671031.23 1197846.33 BFC, MC
87 483.86 671029.11 1197847.22 BFC, PT
88 484.07 671015.62 1197847.28 BFC, AP
89 489.94 671016.04 1197942.28 BFC, AP
90 489.74 671029.54 1197942.22 BFC, PC
91 489.76 671031.67 1197943.09 BFC, MC
92 489.88 671032.56 1197945.20 BFC, PT
93 490.14 671032.57 1197949.20 BFC, PC
94 490.29 671031.70 1197951.33 BFC, MC
95 490.37 671029.59 1197952.22 BFC, PT
96 490.58 671016.09 1197952.28 BFC, AP
97 495.08 671016.41 1198023.28 BFC, AP
98 494.87 671030.26 1198023.22 BFC, PC
99 494.97 671032.25 1198024.19 BFC, MC
100 495.08 671032.68 1198026.37 BFC, PCC
101 495.64 671029.12 1198031.68 BFC, MC
102 496.07 671023.07 1198033.75 BFC, PT
103 495.87 670993.83 1198033.88 BFC, PC
104 496.24 670987.77 1198031.87 BFC, MC
105 495.91 670984.16 1198026.59 BFC, PCC
106 495.81 670984.57 1198024.41 BFC, MC
107 495.72 670986.56 1198023.41 BFC, PT
108 495.98 671003.91 1198023.33 BFC, AP
109 491.88 671003.59 1197952.33 BFC, AP
110 491.62 670986.59 1197952.41 BFC, PC
111 491.54 670984.46 1197951.54 BFC, MC
112 491.41 670983.57 1197949.42 BFC, PT
113 491.18 670983.56 1197945.43 BFC, PC
114 491.07 670984.43 1197943.30 BFC, MC
115 491.05 670986.54 1197942.41 BFC, PT
116 491.30 671003.54 1197942.34 BFC, AP
117 485.54 671003.10 1197844.34 BFC, AP
118 485.28 670985.60 1197844.41 BFC, PC
119 485.21 670983.83 1197843.69 BFC, MC
120 485.15 670983.09 1197841.93 BFC, PT
121 485.12 670983.09 1197840.93 BFC, PC

POINT TABLE FOR GR-01
POINT # ELEVATION NORTHING EASTING DESCRIPTION
122 484.75 670985.98 1197833.84 BFC, MC
123 484.38 670993.04 1197830.88 BFC, PT
124 483.51 671021.54 1197830.75 BFC, PC
125 483.57 671028.98 1197833.80 BFC, MC
126 483.63 671032.09 1197841.21 BFC, PT
127 485.21 670959.10 1197844.53 BFC, PC
128 485.23 670958.38 1197846.31 BFC, MC
129 485.25 670956.61 1197847.05 BFC, PT
130 485.04 670942.61 1197847.11 BFC, AP
131 490.42 670943.05 1197943.11 BFC, AP
132 490.63 670957.05 1197943.04 BFC, PC
133 490.70 670958.82 1197943.77 BFC, MC
134 490.82 670959.56 1197945.53 BFC, PT
135 491.05 670959.57 1197949.53 BFC, PC
136 491.14 670958.85 1197951.30 BFC, MC
137 491.15 670957.09 1197952.04 BFC, PT
138 490.94 670943.09 1197952.11 BFC, AP
139 495.10 670943.41 1198024.11 BFC, AP
140 495.30 670956.98 1198024.05 BFC, PC
141 495.41 670959.03 1198025.09 BFC, MC
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143 495.92 670955.72 1198032.22 BFC, MC
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150 494.79 670930.41 1198024.17 BFC, AP
151 489.00 670930.09 1197952.17 BFC, AP
152 489.26 670913.09 1197952.24 BFC, PC
153 489.24 670911.32 1197951.52 BFC, MC
154 489.15 670910.58 1197949.75 BFC, PT
155 488.93 670910.56 1197945.75 BFC, PC
156 488.82 670911.28 1197943.98 BFC, MC
157 488.76 670913.05 1197943.24 BFC, PT
158 488.50 670930.05 1197943.17 BFC, AP
159 485.78 670929.60 1197844.17 BFC, AP
160 486.03 670912.60 1197844.24 BFC, PC
161 486.05 670910.83 1197843.52 BFC, MC
162 486.07 670910.09 1197841.75 BFC, PT
163 486.07 670910.09 1197841.26 BFC, PC
164 486.14 670912.98 1197834.17 BFC, MC
165 486.18 670920.04 1197831.21 BFC, PT
166 485.64 670949.04 1197831.08 BFC, PC
167 485.38 670956.13 1197833.98 BFC, MC
168 485.12 670959.09 1197841.03 BFC, PT
169 486.24 670886.21 1197868.36 BFC, PC
170 486.29 670884.40 1197874.15 BFC, MC
171 486.31 670879.58 1197877.82 BFC, PCC
172 486.40 670877.31 1197877.52 BFC, MC
173 486.49 670876.24 1197875.48 BFC, PT
174 486.25 670876.17 1197858.91 BFC, AP
175 486.22 670876.12 1197847.91 BFC, AP
176 486.42 670876.06 1197834.34 BFC, PC
177 486.33 670877.10 1197832.29 BFC, MC
178 486.24 670879.38 1197831.97 BFC, PCC
179 486.10 670884.23 1197835.60 BFC, MC
180 486.06 670886.09 1197841.36 BFC, PT
181 487.49 670886.41 1197913.71 BFC, PC

POINT TABLE FOR GR-01
POINT # ELEVATION NORTHING EASTING DESCRIPTION
182 487.52 670885.69 1197915.48 BFC, MC
183 487.54 670883.92 1197916.22 BFC, PT
184 487.33 670869.42 1197916.29 BFC, AP
185 489.27 670869.60 1197956.29 BFC, AP
186 489.49 670884.10 1197956.22 BFC, PC
187 489.56 670885.88 1197956.95 BFC, MC
188 489.67 670886.62 1197958.71 BFC, PT
189 489.93 670886.63 1197962.71 BFC, PC
190 490.04 670885.91 1197964.48 BFC, MC
191 490.06 670884.14 1197965.22 BFC, PT
192 489.84 670869.64 1197965.29 BFC, AP
193 493.72 670869.86 1198013.29 BFC, AP
194 493.94 670884.36 1198013.22 BFC, PC
195 494.19 670886.13 1198013.95 BFC, MC
196 494.22 670886.87 1198015.71 BFC, PT
197 495.08 670886.91 1198024.36 BFC, PC
198 496.11 670884.01 1198031.44 BFC, MC
199 496.64 670876.96 1198034.41 BFC, PT
200 497.07 670862.46 1198034.47 BFC, PC
201 497.02 670860.69 1198033.75 BFC, MC
202 496.95 670859.94 1198031.98 BFC, PT
203 495.90 670859.87 1198014.48 BFC, AP
204 487.11 670859.45 1197922.48 BFC, AP
205 486.85 670859.37 1197904.98 BFC, PC
206 486.84 670860.10 1197903.21 BFC, MC
207 486.83 670861.86 1197902.47 BFC, PT
208 486.90 670876.36 1197902.41 BFC, PC
209 487.17 670883.45 1197905.31 BFC, MC
210 487.45 670886.41 1197912.36 BFC, PT
211 484.00 671228.93 1197895.85 EA, PC
212 484.63 671211.55 1197903.39 EA, MC
213 487.42 671204.45 1197920.96 EA, BFC, PT
214 486.76 670926.51 1197785.18 BFC, AP
215 486.49 670926.59 1197802.68 BFC, PC
216 486.45 670927.33 1197804.45 BFC, MC
217 486.41 670929.07 1197805.17 BFC, PT
218 486.34 670933.08 1197805.16 BFC, PC
219 486.32 670934.86 1197804.41 BFC, MC
220 486.34 670935.59 1197802.64 BFC, PT
221 486.60 670935.51 1197785.14 BFC, AP
222 485.19 671007.51 1197784.82 BFC, AP
223 484.93 671007.59 1197802.32 BFC, PC
224 484.94 671008.33 1197804.08 BFC, MC
225 484.50 671010.10 1197804.81 BFC, PT
226 483.96 671176.68 1197804.05 BFC, PC
227 484.00 671187.23 1197801.67 BFC, MC
228 484.07 671195.78 1197795.05 BFC, PT
229 484.45 671213.83 1197773.36 BFC, EA, ME
230 485.30 671007.98 1197778.32 ES

POINT TABLE FOR GR-01
POINT # ELEVATION NORTHING EASTING DESCRIPTION
3000 483.39 671146.07 1197830.19 CC, FL
3001 494.95 671082.94 1198033.48 CC, FL
3002 496.46 670936.94 1198034.14 CC, FL
3003 487.66 670869.44 1197918.59 CC, FL
3005 482.86 671081.44 1197830.48 CC, FL

3004?

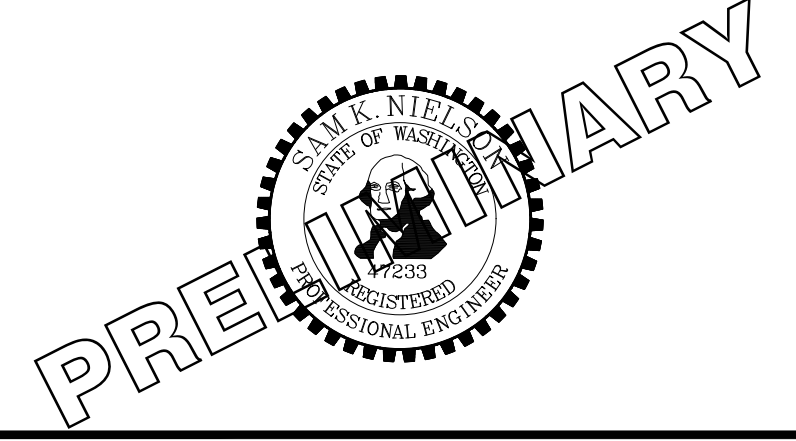
ABBREVIATION TABLE
BFC BOTTOM FACE OF CURB
BFW BOTTOM FACE OF WALL
BR BOTTOM OF RAMP
BS BOTTOM OF STAIR
CC CURB CUT
CVF CONTRACTOR TO VERIFY IN FIELD
EA EDGE OF ASPHALT
EC EDGE OF CONCRETE
ES EDGE OF SIDEWALK
FL FLOW LINE
MC MIDDLE OF CURVE
ME MATCH EXISTING
PC POINT OF CURVATURE
PCC POINT OF COMPOUND CURVE
PT POINT OF TANGENT
TBC TOP BACK OF CURB
TBW TOP BACK OF WALL
TR TOP OF RAMP
TS TOP OF STAIR

NOTE: SYMBOLS NOT TO SCALE
100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

PATH: U:\PSD\Projects\Clients\7312-Benaroya\217-7312-004-SHB&P\parking\expansion\985\scs\CA00\DWG
PLOTTED BY: petritrus DATE: Tuesday, May 18, 2021 11:45:43 AM
LAYOUT: GR-16

REVISIONS
DATE BY
DESIGNED WZG
DRAWN RLP
CHECKED DCS
APPROVED SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME: 03-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021



Parametrix ENGINEERING, PLANNING, ENVIRONMENTAL SCIENCES

PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

GRADING POINT TABLES
DRAWING NO. 46 OF 70
GR-16

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



Know what's below. Call before you dig.

POINT TABLE FOR GR-02. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 500-559.

POINT TABLE FOR GR-02. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 560-619.

POINT TABLE FOR GR-02. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 620-679.

POINT TABLE FOR GR-02. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 680-739.

POINT TABLE FOR GR-02. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 740-747.

POINT TABLE FOR GR-02. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 3006-3017.

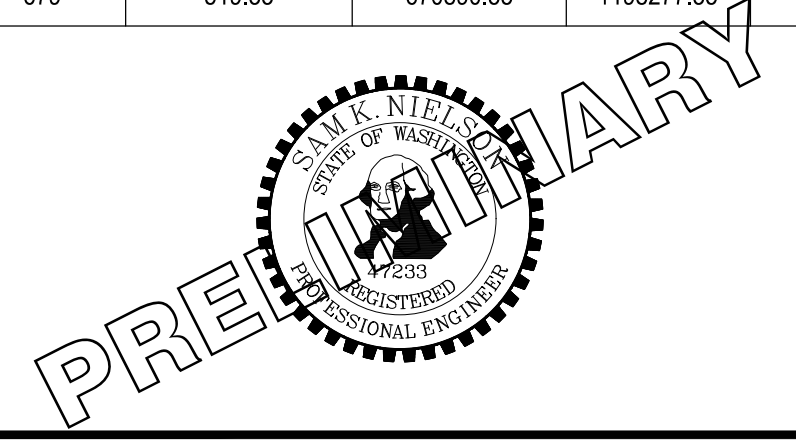
ABBREVIATION TABLE. Table with 2 columns: Abbreviation, Description. Includes BFC, BW, BR, BS, CC, CVF, EA, EC, ES, FL, MC, ME, PC, PCC, PT, TBC, TBW, TR, TS.

NOTE: SYMBOLS NOT TO SCALE. 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION.

Vertical text on the left margin: LAYOUT: GR-17, PATH: U:\PSD\Projects\Clients\7312-7312-004-SHB&P\parkingExpansion\99a5\CAADD\DWG, PLOTTED BY: petrus, DATE: Tuesday, May 18, 2021 11:45:50 AM

REVISIONS table with columns: REVISIONS, DATE, BY, DESIGNED WZG, DRAWN RLP, CHECKED DCS, APPROVED SKN.

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY. FILE NAME: 03-PS0731200C-GR. JOB No: 217-7312-004. DATE: MAY 2021.



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

GRADING POINT TABLES. DRAWING NO. 47 OF 70. GR-17

LAYOUT: GR-19 PATH: U:\PSD\Projects\clients\7312-004-SHB&CParkingExpansion\995\CA\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:46:03 AM

POINT TABLE FOR GR-04. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 1500-1559.

POINT TABLE FOR GR-04. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 1560-1619.

POINT TABLE FOR GR-04. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 1620-1672.

POINT TABLE FOR GR-05. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 2000-2004.

POINT TABLE FOR GR-04. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 3018-3023.

POINT TABLE FOR GR-04. Table with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Rows 4000-4010.



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APPROVED stamp with City of Puyallup logo and disclaimer text: 'THIS DRAWING IS VOID AFTER 180 DAYS FROM APPROVAL DATE...'.

ABBREVIATION TABLE. Table with 2 columns: Abbreviation, Description. Includes BFC, BFW, BR, BS, CC, CVF, EA, EC, ES, FL, MC, ME, PC, PCC, PT, TBC, TBW, TR, TS.

NOTE: SYMBOLS NOT TO SCALE 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

REVISIONS table with columns: REVISIONS, DATE, BY.

DESIGNED WZG, DRAWN RLP, CHECKED DCS, APPROVED SKN.

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY. FILE NAME: Q3-PS0731200C-GR. JOB No: 217-7312-004. DATE: MAY 2021.



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION. PUYALLUP, WA

GRADING POINT TABLES

DRAWING NO. 49 OF 70. GR-19



Catalog #: _____ Project: _____
 Prepared By: _____ Date: _____ Type: _____

Mirada Post Top (MPP) Outdoor LED Post Top



OVERVIEW	
Lumen Output Range	10,000 - 25,000
Wattage Range	67 - 191
Efficacy Range (LPW)	131 - 164
CCT (K)	3000, 4000, 5000
Controls	Standalone, Wireless
Weight lbs (kg) - ALI4	55 (25)

QUICK LINKS

- [Ordering Guide](#)
- [Performance](#)
- [Photometrics](#)
- [Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum optical housing, cage, and fitter. Fitter contains factory pre-wired drivers and optional controls.
- Complete die-cast aluminum construction for maximum quality and surface finish.
- 1-PC die-cast aluminum cage with wire passages allows for IP66 full luminaire rating to protect integral components from harsh environments.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 55 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377.
- Minimum CRI of 70
- Integral louver (IL) and house-side shield (HS) options available for improved back-light control without sacrificing street side performance. See page 7 for more details.

- Minimal uplight with less than 5% of the total lumen output going above 90°.

Electrical

- High-performance programmable driver features over-voltage, undervoltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L92 Calculated Life: >100K Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 72L Package is limited to 40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.
- Internal power supplies and controls can be serviced via (2) integral fitter removable power trays.

Installation

- Designed to mount to 2-3/8"-3" OD x 3" to 4-1/2" tall tenon.
- Secures to tenon with 8 stainless steel set screws.
- 6' wire leads with strain relief zip-ties are provided in fitter for ease of wiring.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to website for details.

Listings

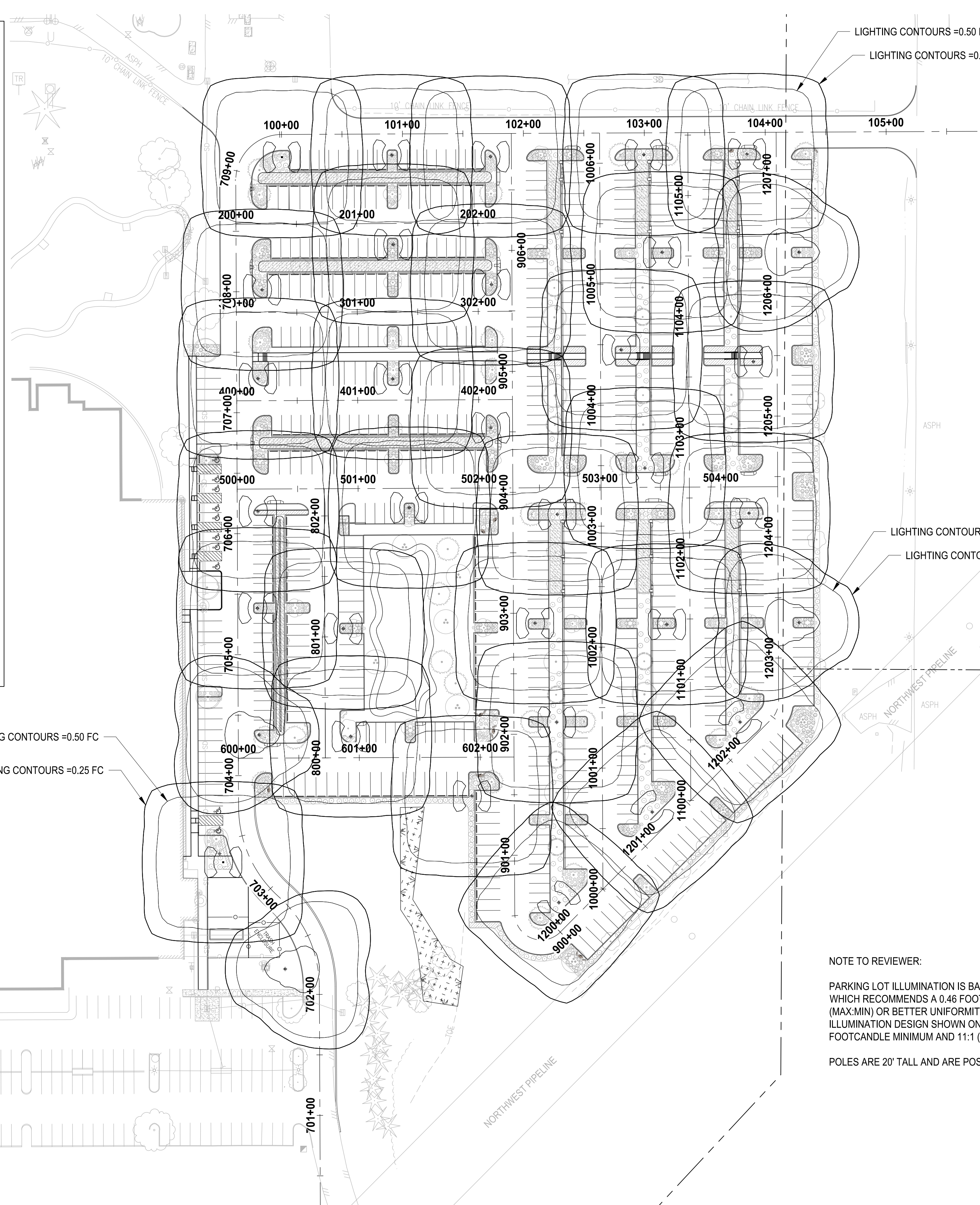
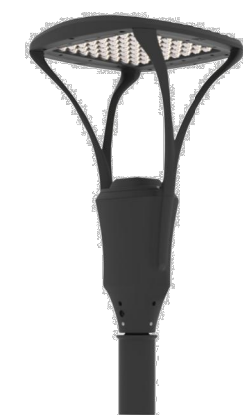
- LSI luminaires carry UL 1598 and UL 8750.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations
- IP66 rated Luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications.
- DesignLights Consortium™ (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/GPL to confirm which versions are qualified.

Specifications and dimensions subject to change without notice.

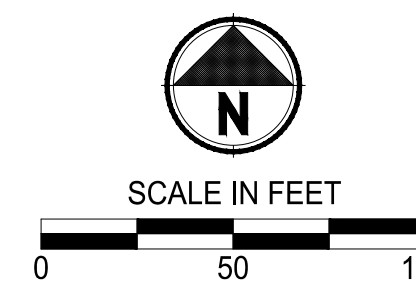
- Internal power supplies and controls can be serviced via (2) integral fitter removable power trays.

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 SPEC.2036.A.0320



Know what's below.
Call before you dig.



LEGEND:

- STREET LIGHT (TYPE A, 29 TOTAL)
- STREET LIGHT (TYPE B, 4 TOTAL)

GENERAL NOTE:

- TYPE A STREETLIGHTS SHALL BE LSI INDUSTRIES MIRADA POST TOP OUTDOOR LED POST TOP, TYPE 5 (MPP-LED-10L-SIL-5WW-40-70CRI) WITH THE FOLLOWING SPECIFICATIONS:
 - 1.1. DELIVERED LUMENS: 9,619
 - 1.2. WATTAGE: 73
 - 1.3. COLOR TEMP: 4000 KELVIN, 70 CRI
- TYPE B LUMINAIRES SHALL BE LSI INDUSTRIES MIRADA POST TOP OUTDOOR LED POST TOP, TYPE 4 (MPP-LED-10L-SIL-FT-40-70CRI) WITH THE FOLLOWING SPECIFICATIONS:
 - 2.1. DELIVERED LUMENS: 10,197
 - 2.2. WATTAGE: 73
 - 2.3. COLOR TEMP: 4000 KELVIN, 70 CRI

CONSTRUCTION NOTE:

- CONSTRUCT LIGHT STANDARD FOUNDATION TYPE A PER WSDOT STANDARD PLAN J-28.30-03. INSTALL LIGHT STANDARD AND 8' LUMINAIRE ON FOUNDATION.

NOTE TO REVIEWER:

PARKING LOT ILLUMINATION IS BASED ON IES RP-8-18, TABLE 17-2), WHICH RECOMMENDS A 0.46 FOOTCANDLE MINIMUM AND 15:1 (MAX:MIN) OR BETTER UNIFORMITY. THE PARKING LOT ILLUMINATION DESIGN SHOWN ON THIS SHEET HAS A 0.49 FOOTCANDLE MINIMUM AND 11:1 (MAX:MIN) UNIFORMITY.

POLES ARE 20' TALL AND ARE POST MOUNTED.

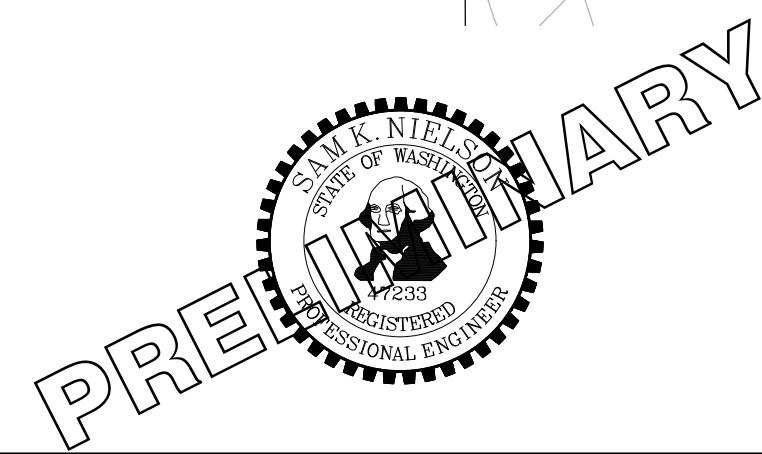
NOTE:
SYMBOLS NOT TO SCALE

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NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRP
			DCS
			SKN

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: Q0-PS0731200C-ILL
 JOB No. 217-7312-004
 DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

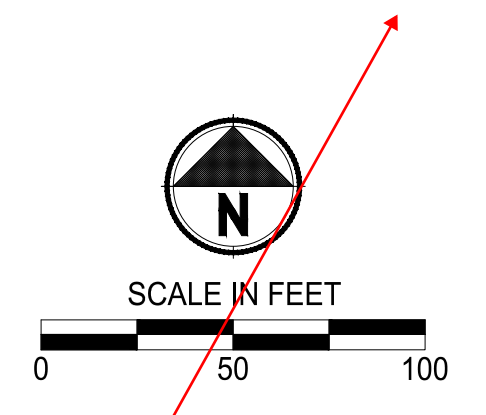
ILLUMINATION PLAN COMPOSITE

DRAWING NO.
50 OF 70
IL-00

LAYOUT: IL-00 PATH: U:\PS0\Projects\Clients\7312-004-SHIB&CParkingExpansion\995sves\cadd\DWG PLOTTED BY: jettifus DATE: Tuesday, May 18, 2021 11:46:47 AM



Know what's below.
Call before you dig.



LANDSCAPE LEGEND:

- RIVER BIRCH
- INCENSE CEDAR
- EUROPEAN HORNBEAM
- KOUSSA DOGWOOD
- OREGON CRABAPPLE
- PERSIAN PARROTIA
- BOULEVARD AMERICAN LINDEN
- WESTERN RED CEDAR
- EMERALD GREEN ARBORVITAE
- COMPACT CORAL BARBERRY
- RED TWIG DOGWOOD
- BLUE OAT GRASS
- COMPACT OREGON GRAPE
- FIREPOWER NANDINA
- DAVID VIBURNUM
- CHERRY BOMB BARBERRY
- ADAGIO GRASS
- SNOWBERRY
- GOLDFLAME SPIREA
- OCEANSPRAY

- STORMWATER PLANTING
- POND ZONE 1
- POND ZONE 2
- MEDITERRANEAN HEATH
- STELLA DE ORO DAYLILY
- MOUNT VERNON ENGLISH LAUREL
- TURF GRASS HYDROSEED RESTORATION

NOTES:

1. SEE SHEET LS-06 FOR LANDSCAPE SCHEDULE AND LANDSCAPE NOTES AND PLANTING DETAILS.
2. ALL LANDSCAPE SHRUB PLANTING AREAS SHALL RECEIVE 12" MIN. UNIFORM DEPTH APPROVED IMPORTED TOPSOIL TYPE 'A'.
3. ALL LANDSCAPE PLANTING AREAS SHALL RECEIVE 3" UNIFORM DEPTH APPROVED BARK MULCH EXCEPT WHERE SHOWN WITH RIVER ROCK AND ONLY TREE PLANTING RINGS RECEIVE BARK MULCH.
4. ALL RESTORATION AREAS SHOWN DIAGRAMMATICALLY ONLY. FIELD ADJUST AS NECESSARY TO MATCH ADJACENT EXISTING CONDITIONS. ALL AREAS DISTURBED BY CONSTRUCTION TO BE RESTORED.

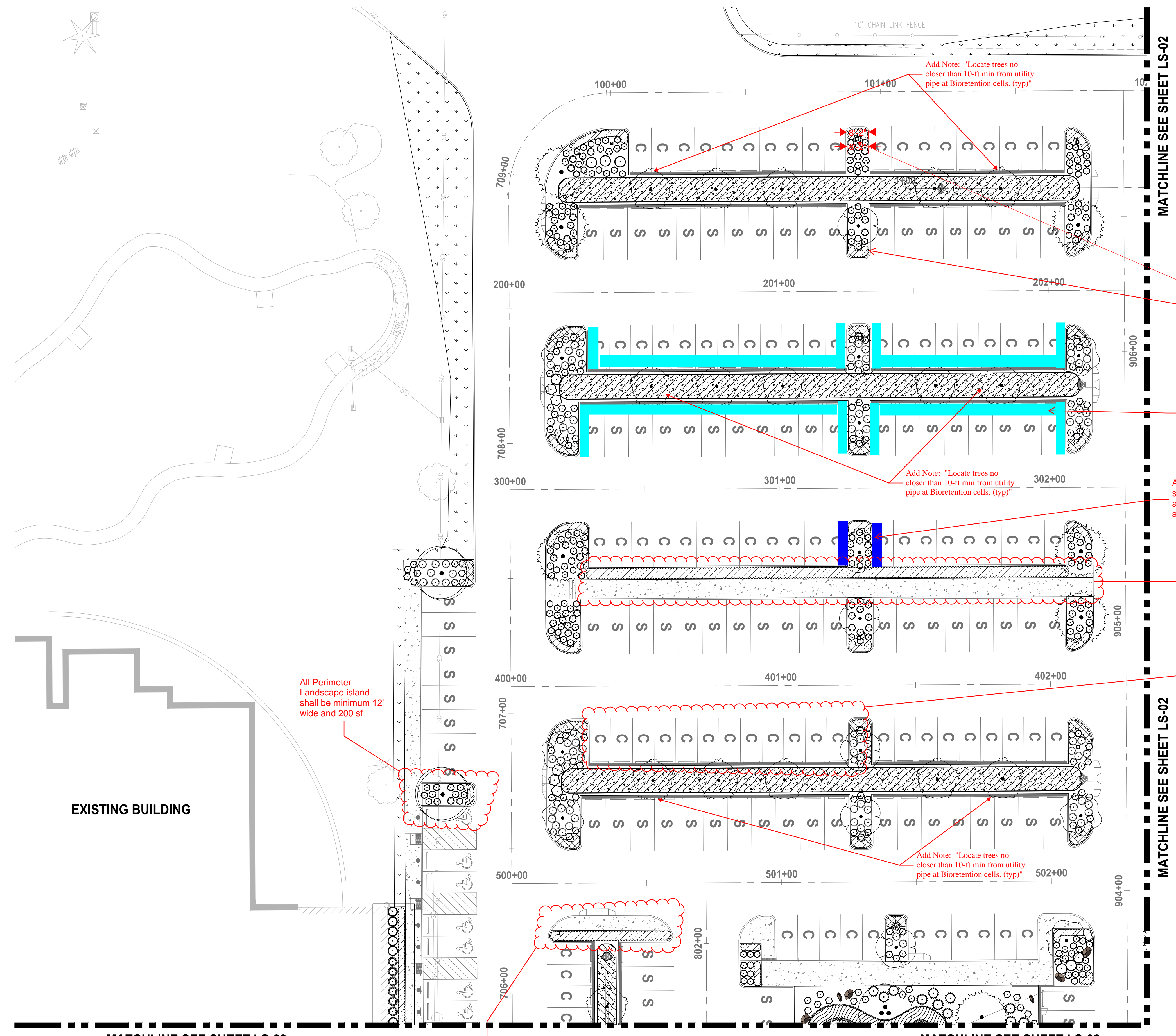
NOTE:
SYMBOLS NOT TO SCALE

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LANDSCAPE ENLARGEMENT PLAN

DRAWING NO.
57 OF 70
LS-01

PATH: u:\p\30\Projects\Clients\312-Beneroya\312-7312-004-SHB&TParkingExpansion\995\cs\CAD\DWG PLOTTED By: balledj DATE: Wednesday, May 19, 2021 2:54:16 PM LAYOUT: LS-01



All Perimeter Landscape island shall be minimum 12' wide and 200 sf

Internal landscape island shall be 15' wide and minimum of 500 sf. Widen planting area to meet this requirement since walking path is taking up planting space.

Add Note: "Locate trees no closer than 10-ft min from utility pipe at Bioretention cells. (typ)"

Add Note: "Locate trees no closer than 10-ft min from utility pipe at Bioretention cells. (typ)"

Add Note: "Locate trees no closer than 10-ft min from utility pipe at Bioretention cells. (typ)"

All internal landscape islands Must be min 15' wide, and min 500 sf Scale on Sheet HC-01 does not relate to scale on this sheet. Reconcile scales on all pages of this plan set. Resize all internal landscape island as needed to meet minimum size requirements.

Single stack structural soil cells shall be added to all internal landscape islands as shown in blue in example at left

Add 18" parking buffer to long side of all parking stalls that abut landscape islands to accommodate door swing

Widen landscape strip so that planting bed meets 6' minimum width

Only 8 parking spaces in a row allowed without an internal landscape strip

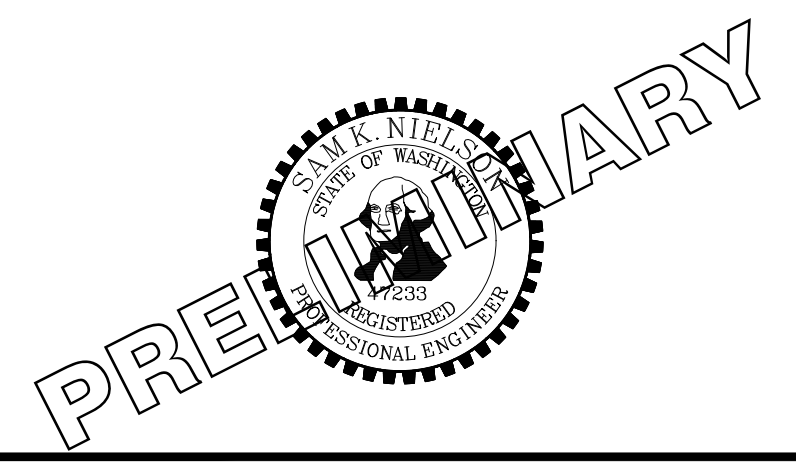
EXISTING BUILDING

MATCHLINE SEE SHEET LS-03

MATCHLINE SEE SHEET LS-03

MATCHLINE SEE SHEET LS-02

MATCHLINE SEE SHEET LS-02



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

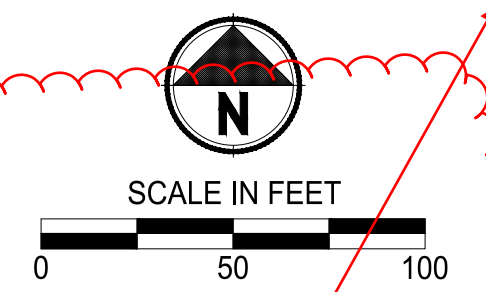
REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			DSB	DSB	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME: 07-PS0731200C-LS
JOB No: 217-7312-004
DATE: MAY 2021

LAYOUT: LS-02 PATH: U:\PSD\Projects\17312-Benaroya\17312-004-SHB&T\ParkingExpansion\985\scs\CADD\DWG PLOTTED BY: balredj DATE: Wednesday, May 19, 2021 2:54:23 PM



Know what's below. Call before you dig.



LANDSCAPE LEGEND:

- RIVER BIRCH
- INCENSE CEDAR
- EUROPEAN HORNBEAM
- KOUSA DOGWOOD
- OREGON CRABAPPLE
- PERSIAN PARROTIA
- BOULEVARD AMERICAN LINDEN
- WESTERN RED CEDAR
- EMERALD GREEN ARBORVITAE
- COMPACT CORAL BARBERRY
- RED TWIG DOGWOOD
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- COMPACT OREGON GRAPE
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- DAVID VIBURNUM
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- ADAGIO GRASS
- SNOWBERRY
- GOLDFLAME SPIREA
- OCEANSPRAY

- STORMWATER PLANTING
- POND ZONE 1
- POND ZONE 2
- MEDITERRANEAN HEATH
- STELLA DE ORO DAYLILY
- MOUNT VERNON ENGLISH LAUREL
- TURF GRASS HYDROSEED RESTORATION

NOTES:

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NOTE: SYMBOLS NOT TO SCALE

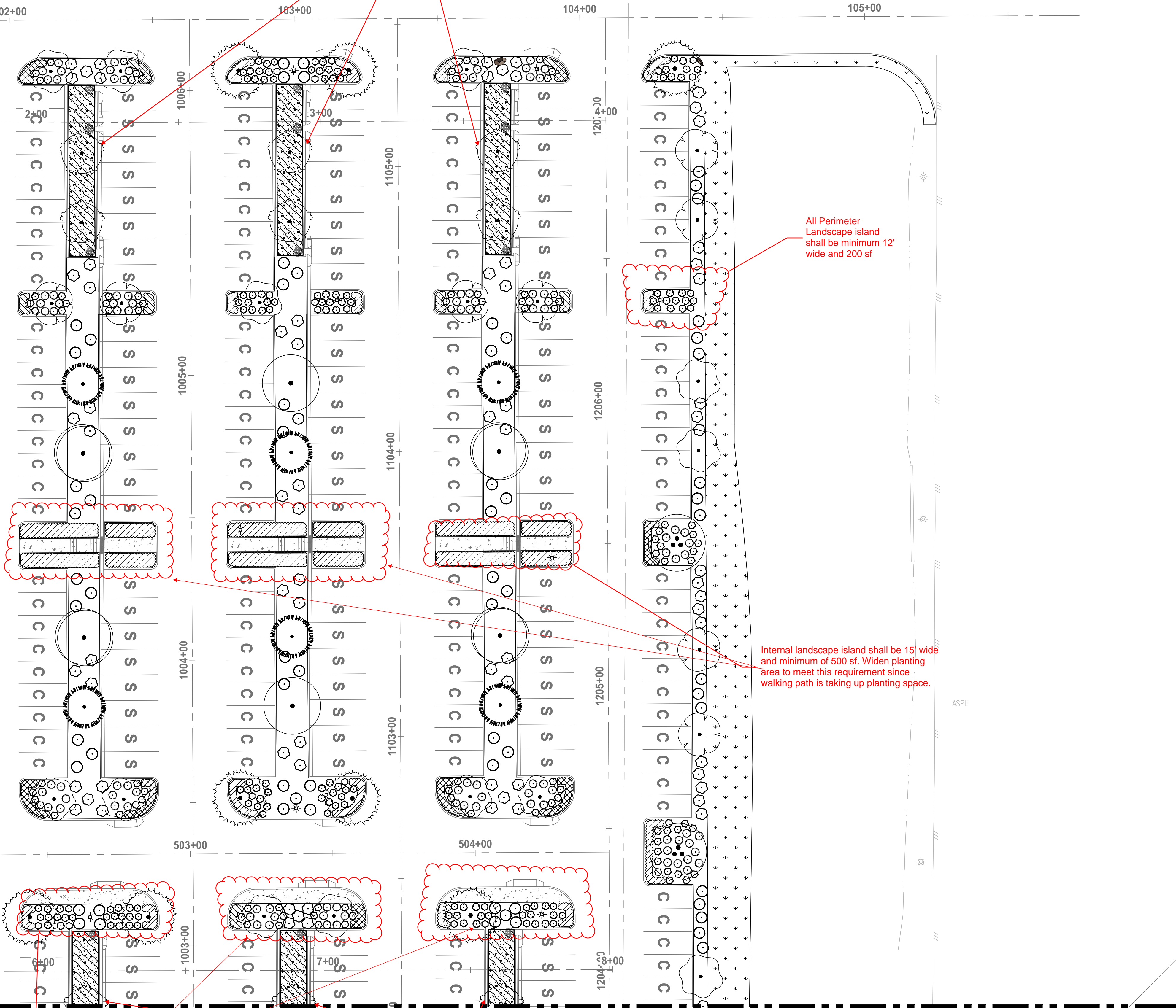
100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

LANDSCAPE ENLARGEMENT PLAN

DRAWING NO. 58 OF 70 LS-02

MATCHLINE SEE SHEET LS-01

MATCHLINE SEE SHEET LS-01



wrong scale

Add Note: "Locate trees no closer than 10-ft min from utility pipe at Bioretention cells. (typ)"

All Perimeter Landscape island shall be minimum 12' wide and 200 sf

Internal landscape island shall be 15' wide and minimum of 500 sf. Widen planting area to meet this requirement since walking path is taking up planting space.

Internal landscape island shall be 15' wide and minimum of 500 sf. Widen planting area to meet this requirement since walking path is taking up planting space.

Add Note: "Locate trees no closer than 10-ft min from utility pipe at Bioretention cells. (typ)"

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME: 07-PS0731200C-LS
JOB No.: 217-7312-004
DATE: MAY 2021



PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

LAYOUT: LS-03 PATH: U:\PSD\Projects\Clients\7312-Benaroya\217-7312-004-SHB&T\ParkingExpansion\985\scs\CADD\DWG PLOTTED BY: balredj DATE: Wednesday, May 19, 2021 2:54:28 PM

MATCHLINE SEE SHEET LS-01

MATCHLINE SEE SHEET LS-01

EXISTING BUILDING

Only 8 parking spaces in a row allowed without an internal landscape strip

Do not locate trees on top of underdrain (typ)
Add Note: "Locate trees no closer than 10-ft min from utility pipe at Bioretention cells. (typ)".

Only 8 parking spaces in a row allowed without an internal landscape strip

CONTRACTOR TO PROTECT AND PRESERVE EXISTING EVERGREEN HEDGE

MATCHLINE SEE SHEET LS-05

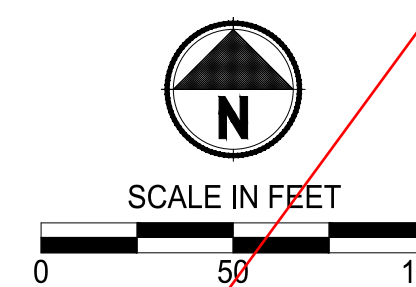
MATCHLINE SEE SHEET LS-05

MATCHLINE SEE SHEET LS-04

MATCHLINE SEE SHEET LS-04



Know what's below.
Call before you dig.



LANDSCAPE LEGEND:

- RIVER BIRCH
- INCENSE CEDAR
- EUROPEAN HORNBEAM
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- OREGON CRABAPPLE
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			DSB	DSB	DCS	SKN

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FILE NAME: 07-PS0731200C-LS
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

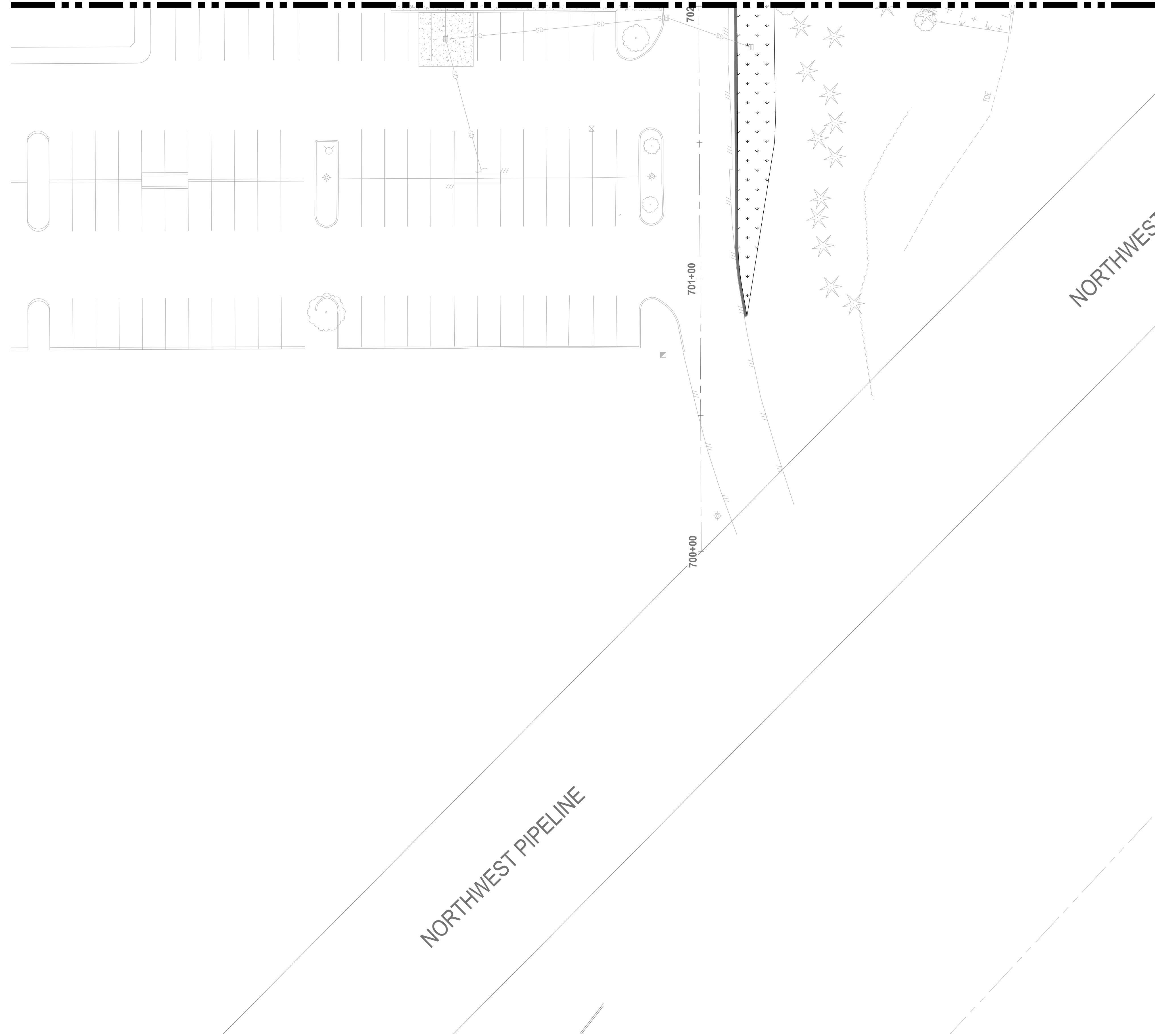
LANDSCAPE ENLARGEMENT PLAN

DRAWING NO.
59 OF 70
LS-03

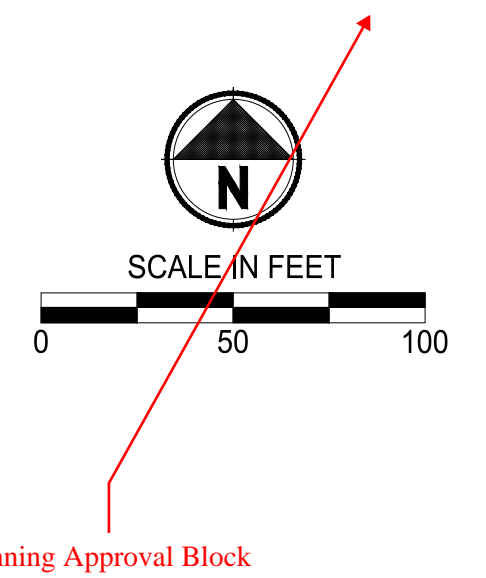
LAYOUT: LS-05 P:\TH: U:\PSO\Projects\clients\7312-Benaroya\217-7312-004 SH&T\ParkingExpansion\985\scs\CADD\DWG PLOTTED BY: ballredj DATE: Wednesday, May 19, 2021 2:54:39 PM

MATCHLINE SEE SHEET LS-03

MATCHLINE SEE SHEET LS-03



Know what's below.
Call before you dig.



LANDSCAPE LEGEND:

- RIVER BIRCH
- INCENSE CEDAR
- EUROPEAN HORNBEAM
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NOTES:

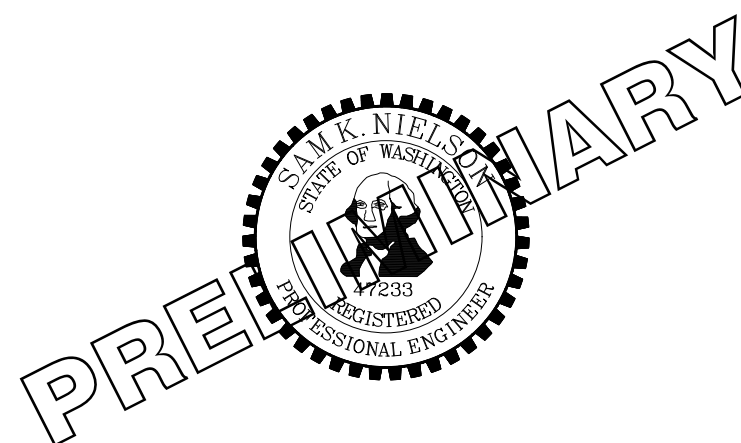
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NOTE:
SYMBOLS NOT TO SCALE

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NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			DSB
			DRAWN
			DSB
			CHECKED
			DCS
			APPROVED
			SKN

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FILE NAME
Q7-PS0731200C-LS
JOB No.
217-7312-004
DATE
MAY 2021



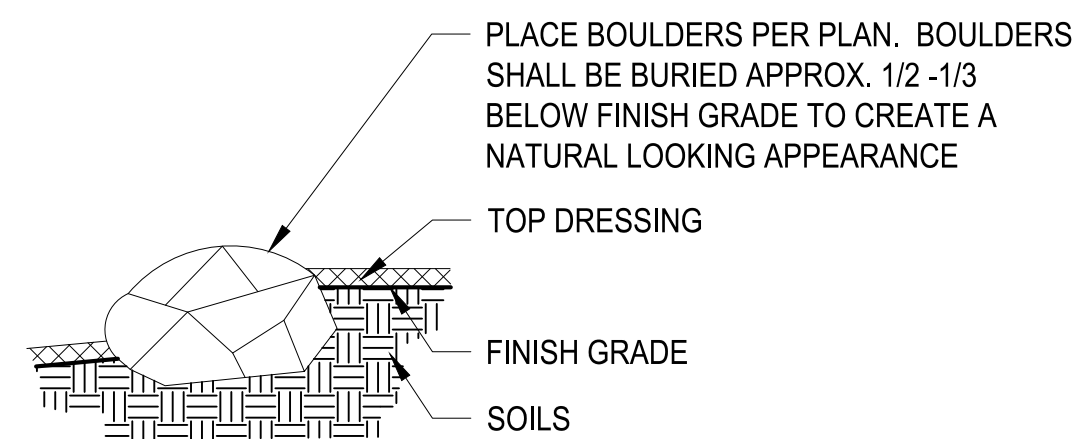
PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

LANDSCAPE ENLARGEMENT PLAN

DRAWING NO.
61 OF 70
LS-05

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALL	
	BN	9	BETULA NIGRA / RIVER BIRCH MULTI-TRUNK	2" CAL / B&B	
	CD	11	CALOCEDRUS DECURRENS / INCENSE CEDAR	6' HT / B&B	
	CF	9	CARPINUS BETULUS 'FASTIGIATA' / PYRAMIDAL EUROPEAN HORNBEAN	2" CAL / B&B	
	CK	29	CORNUS KOUSA / KOUSA DOGWOOD	2" CAL / B&B	
	MP	32	MALUS FUSCA / OREGON CRAB APPLE	2" CAL / B&B	
	PP	23	PARROTTIA PERSICA / PERSIAN PARROTTIA	2" CAL / B&B	
	TB	7	TILIA AMERICANA 'BOULEVARD' / BOULEVARD AMERICAN LINDEN	2" CAL / B&B	
	TP	26	THUJA PLICATA / WESTERN RED CEDAR	6' HT / B&B	
	TS	16	THUJA OCCIDENTALIS 'SMARAGD' / EMERALD GREEN ARBORVITAE	3' - 4'	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	
	BC	167	BERBERIS X STENOPHYLLA 'CORALLINA COMPACTA' / COMPACT CORAL ROSEMARY BARBERRY	#1 CONT	
	BC2	35	BERBERIS THUNBERGII 'MONOMB' TM / CHERRY BOMB JAPANESE BARBERRY	#1 CONT	
	CK2	384	CORNUS SERICEA 'KELSEY' / KELSEY'S DWARF RED TWIG DOGWOOD	#2 CONT	
	HD	11	HOLODISCUS DISCOLOR / OCEAN-SPRAY	#2 CONT	
	HS	351	HELICOTRICHON SEMPERVIRENS / BLUE OAT GRASS	#2 CONT	
	MC	297	MAHONIA AQUIFOLIUM 'COMPACTA' / COMPACT OREGON GRAPE	#2 CONT	
	MS	62	MISCANTHUS SINENSIS 'ADAGIO' / ADAGIO EULALIA GRASS	#1 CONT	
	NP	318	NANDINA DOMESTICA 'FIREPOWER' / FIREPOWER HEAVENLY BAMBOO	#2 CONT	
	SA	26	SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY	#2 CONT	
	SG	34	SPIRAEA X BUMALDA 'GOLDFLAME' / GOLDFLAME SPIREA	#1 CONT	
	VD	164	VIBURNUM DAVIDII / DAVID VIBURNUM	#1 CONT	
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	CONDITION	SPACING
	JE	9,654 SF	STORMWATER PLANTING	PLUGS	50% @ 24" o.c.
	SM	1,255	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH SCIRPUS MICROCARPUS / SMALL-FRUITED BULRUSH	PLUGS	50% @ 24" o.c.
	II	4,606 SF	POND ZONE 1	#1	15% @ 24" o.c.
	IE2	180	IRIS DOUGLASIANA / DOUGLAS IRIS	#1	40% @ 36" o.c.
	RS	213	JUNCUS EFFUSUS / SOFT RUSH	#1	20% @ 120" o.c.
	VS	10	RUBUS SPECTABILIS / SALMONBERRY	#1	25% @ 42" o.c.
	VS	98	VACCINIUM X 'SUNSHINE BLUE' / SUNSHINE BLUE HIGHBUSH BLUEBERRY	#1	25% @ 42" o.c.
	CK3	6,643 SF	POND ZONE 2	#1	20% @ 30" o.c.
	GS	221	CORNUS SERICEA 'KELSEY' / KELSEY'S DWARF RED TWIG DOGWOOD	#1	30% @ 36" o.c.
	MC2	231	GAULTHERIA SHALLON / SALAL	#1	30% @ 36" o.c.
	PH	170	MAHONIA AQUIFOLIUM 'COMPACTA' / COMPACT OREGON GRAPE	#1	30% @ 42" o.c.
	PH	113	PANICUM VIRGATUM 'HEAVY METAL' / HEAVY METAL SWITCH GRASS	#1	20% @ 42" o.c.
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	EM	738	ERICA X DARLEYENSIS 'MEDITERRANEAN PINK' / MEDITERRANEAN PINK DARLEY HEATH	#2	18" o.c.
	HO	655	HEMEROCALLIS X 'STELLA DE ORO' / STELLA DE ORO DAYLILY	#2	18" o.c.
	PL	545	PRUNUS LAUROCERASUS 'MOUNT VERNON' / MOUNT VERNON ENGLISH LAUREL	#2	30" o.c.
	40		2'-3' ROUNDED RIVER BOULDERS, VARYING SIZES AND ORIENTATION		SEE BOULDER PLACEMENT DETAIL

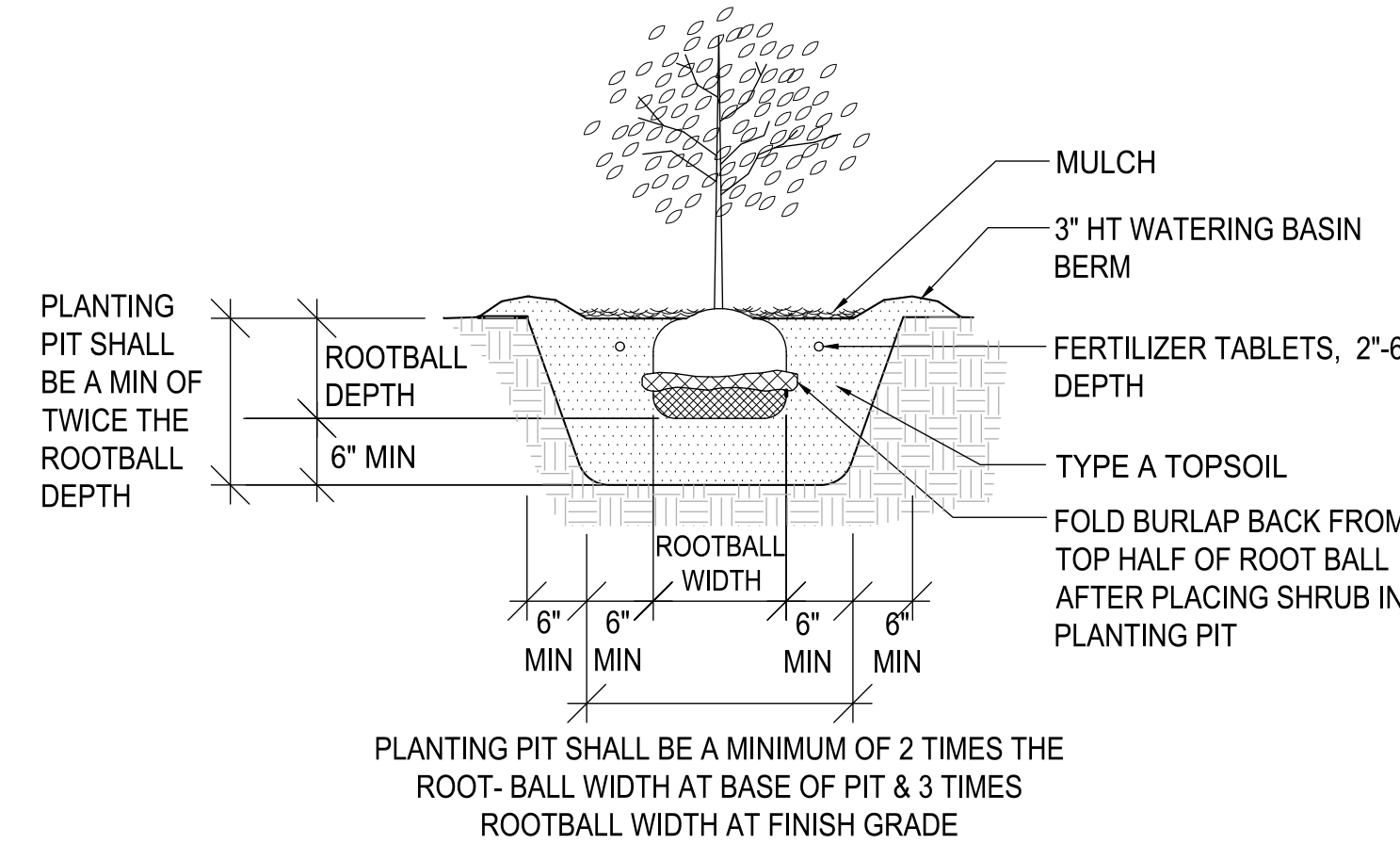


- NOTES:**
1. ALL BOULDERS SHALL BE 2'-0" FROM BACK OF CURB.
 2. THE TOP OF ALL BOULDERS WITHIN MEDIAN SHALL BE LESS THAN 18" ABOVE TOP OF CURB.
 3. BOULDER CLUSTERS TO BE PLACED IRREGULARLY AND ARE VARYING HEIGHTS

BOULDER PLACEMENT DETAIL
NO SCALE

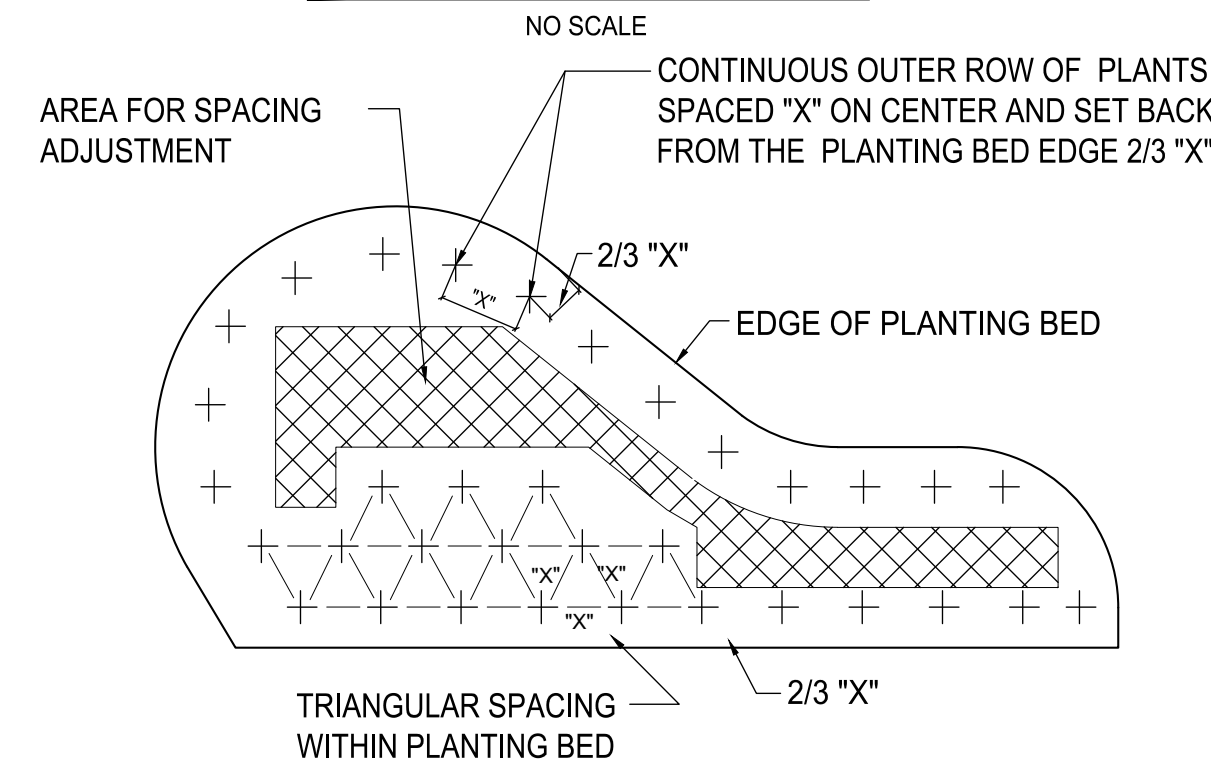
GENERAL LANDSCAPE NOTES:

1. REFER TO THIS SHEET FOR PLANT INSTALLATION DETAILS.
2. ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE/CITY.
3. CONTRACTOR IS REQUIRED TO VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR A THOROUGH CLEAN-UP FOR HIS/HER RESPECTIVE WORK, DAILY AND AT PROJECT CLOSE-OUT.
5. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING IMPROVEMENTS. DAMAGE TO THE EXISTING IMPROVEMENTS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AND/OR QUALIFIED INSTALLERS/TRADES ACCEPTABLE TO THE SOLE SATISFACTION OF THE CONSTRUCTION OBSERVER AND AT NO COST TO THE OWNER.
6. ALL LANDSCAPE SHRUB PLANTING AREAS SHALL RECEIVE 12" MIN. UNIFORM DEPTH IMPORTED TOPSOIL TYPE 'A'. MEDIAN TO RECEIVE TOPSOIL ONLY AT TREE PLANTING WELLS IN ACCORDANCE WITH TREE PLANTING DETAIL.
7. PLANT MATERIALS SHALL MEET STANDARDS SET FORTH IN THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARD (ANSI Z60.1) AND WASHINGTON STATE STANDARDS FOR NURSERY STOCK ORDER NO. 1627. ALL PLANT MATERIALS SHALL HAVE SUFFICIENT ROOT DEVELOPMENT TO ASSURE SURVIVAL AND HEALTHY GROWTH. CONTAINER GROWN PLANT MATERIALS ARE REQUIRED TO HAVE SUFFICIENT ROOT GROWTH TO HOLD THE SOIL INTACT WHEN REMOVED FROM THE CONTAINER, BUT SHALL NOT BE ROOT BOUND.
8. PLANT LIST QUANTITIES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES IN LIST WITH PLAN CALL-OUTS AND INSTALLING PLANTINGS PER THE LANDSCAPE PLAN. GROUND COVER QUANTITIES SHALL BE ADJUSTED AS REQUIRED FOR FIELD CONDITIONS AT THE SPECIFIC SPACING.
9. PRIOR TO BARK PLACEMENT, ALL SHRUB BED AREAS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE. FOLLOW ALL MANUFACTURER'S APPLICATION INSTRUCTIONS. PREEMERGENT HERBICIDE SHALL BE ELANCO XL2G OR APPROVED EQUAL.
10. MULCH SHALL BE INSTALLED TO DEPTH OF 3 INCHES IN ALL NEW PLANTING AREAS. PRIOR TO MULCH PLACEMENT GRADE SHALL BE BROUGHT TO A UNIFORM LINE WITH NO SURFACE IRREGULARITIES. WATERING BERMS AROUND PLANTS SHALL BE HAND COMPACTED AND OF A SMOOTH AND EVEN GRADE PRIOR TO MULCH PLACEMENT. MULCH SHALL BE WATER-COMPACTED UPON PLACEMENT.
11. NO SUBSTITUTIONS SHALL BE CONSIDERED FOR PLANTS OR OTHER MATERIALS DURING THE BIDDING PROCESS.
12. CONTRACTOR SHALL WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE HAS BEEN GRANTED. OWNER SHALL THEN ASSUME ALL RESPONSIBILITIES FOR MAINTAINING ALL PLANTS IN A HEALTHY GROWING CONDITION FOR THE LIFE OF THIS PROJECT.
13. LANDSCAPE MATERIALS & QUANTITIES WILL BE FIELD ADJUSTED TO FIT ACTUAL CONDITIONS, IF NECESSARY. COORDINATE LANDSCAPE CONSTRUCTION AND REVIEWS W/ OWNER'S REPRESENTATIVE.
14. CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION INCLUDING CUT/FILL AREAS SHOWN. ALL AREAS DISTURBED AND NOT SPECIFICALLY SHOWN AS RESTORATION TYPE SHALL MATCH EXISTING CONDITIONS.



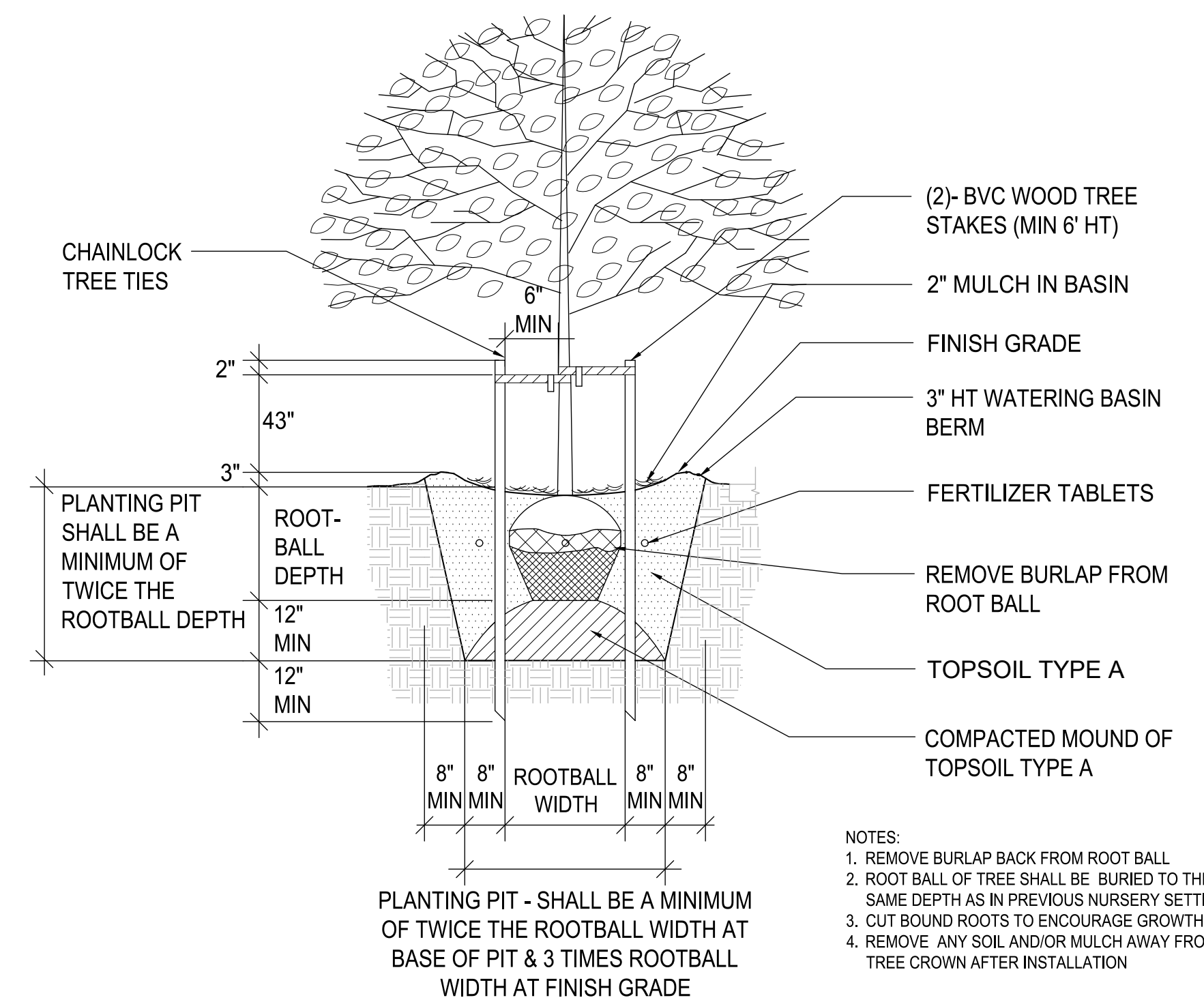
PLANTING PIT SHALL BE A MINIMUM OF 2 TIMES THE ROOT-BALL WIDTH AT BASE OF PIT & 3 TIMES ROOTBALL WIDTH AT FINISH GRADE

SHRUB PLANTING DETAIL



INDIVIDUAL PLANTS REPRESENTED AS: +

PLANT SPACING DETAIL
NO SCALE



- NOTES:**
1. REMOVE BURLAP BACK FROM ROOT BALL
 2. ROOT BALL OF TREE SHALL BE BURIED TO THE SAME DEPTH AS IN PREVIOUS NURSERY SETTING
 3. CUT BOUND ROOTS TO ENCOURAGE GROWTH
 4. REMOVE ANY SOIL AND/OR MULCH AWAY FROM TREE CROWN AFTER INSTALLATION

TREE PLANTING DETAIL
NO SCALE

NOTE:
SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION



Know what's below.
Call before you dig.

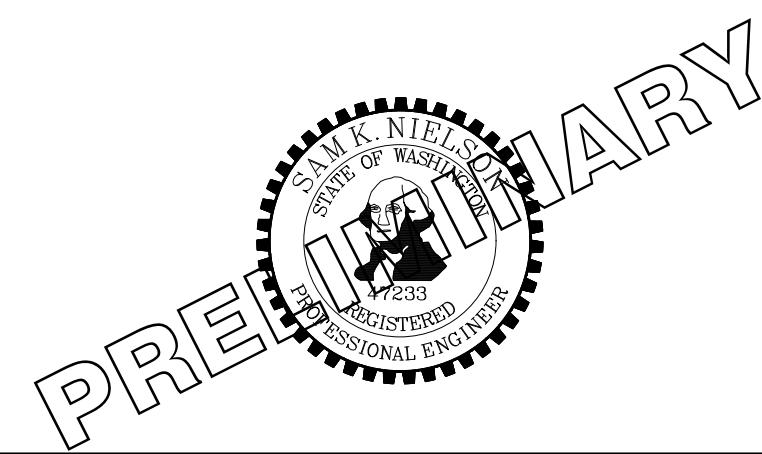
Planning Approval Block

Add City Std Detail 01.02.08a

LAYOUT: LS-06 P.ATH: U:\PSD\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TParkingExpansion\985\scs\CADD\DWG PLOTTED BY: balredj DATE: Wednesday, May 19, 2021 2:54:40 PM

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			DSB	DSB	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME: 07-PS0731200C-LS
JOB No: 217-7312-004
DATE: MAY 2021



PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

LANDSCAPE NOTES, DETAILS & PLANT SCHEDULE

DRAWING NO.
62 OF 70
LS-06