



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.

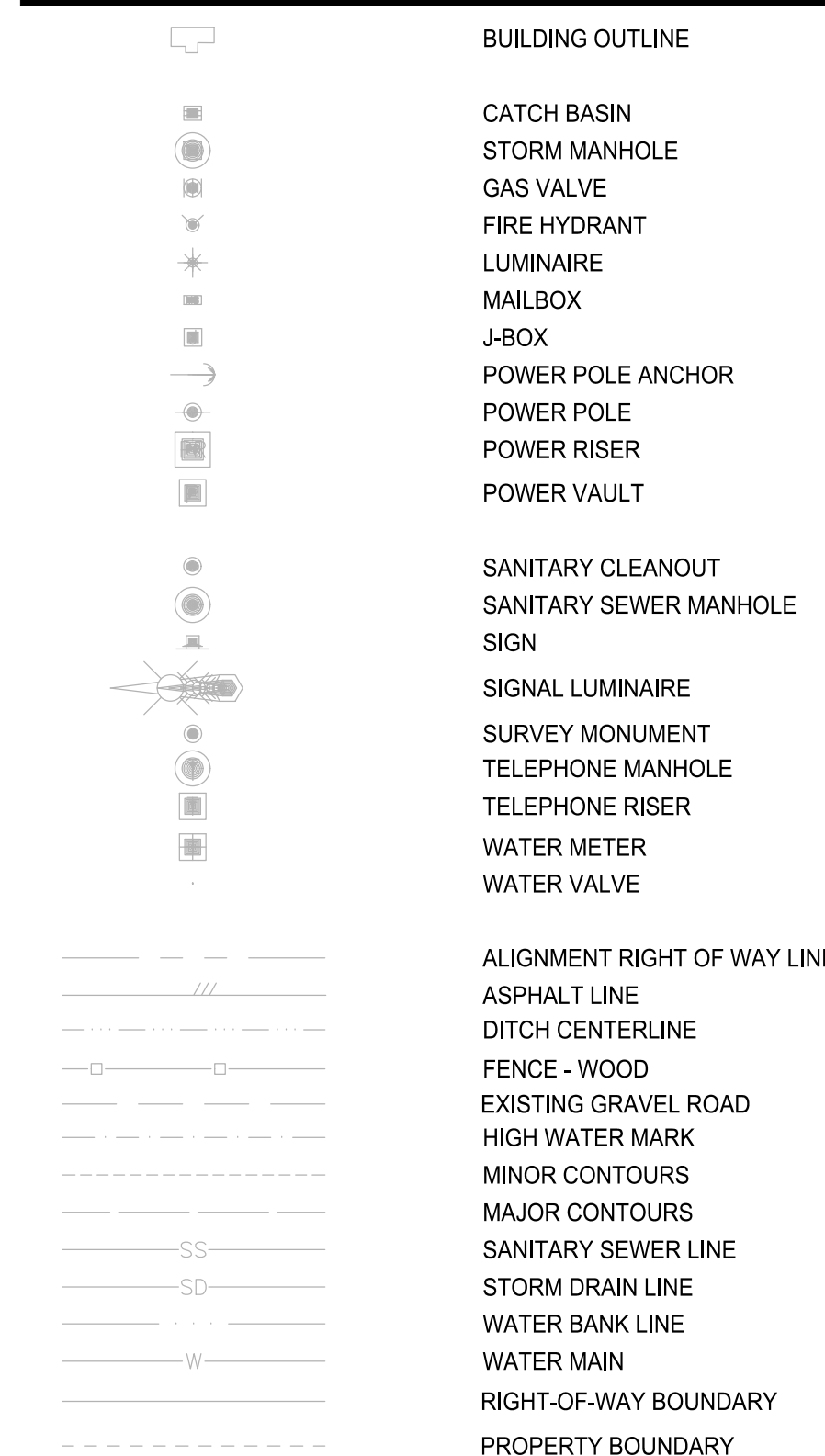
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS AT THE TIME OF CONSTRUCTION.

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... 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... 3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION... 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... 6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION... 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... 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... 11. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR... 12. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION... 13. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE... 14. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY... 15. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED...

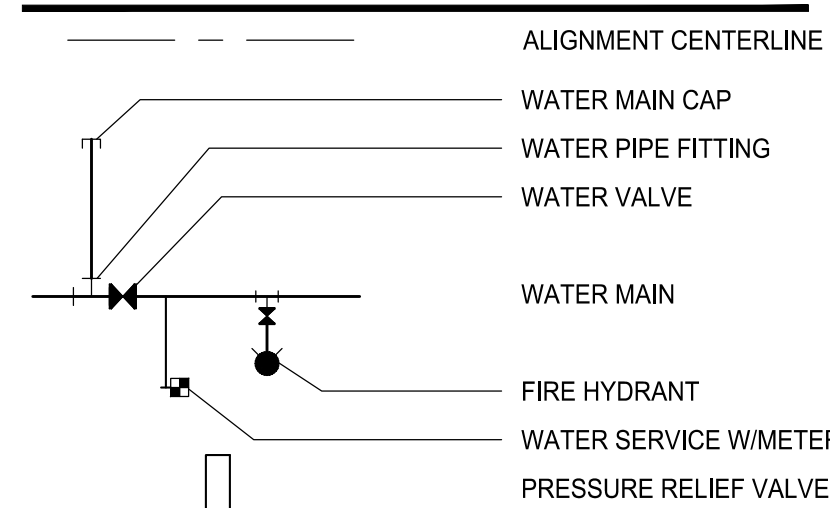
LEGEND - EXISTING



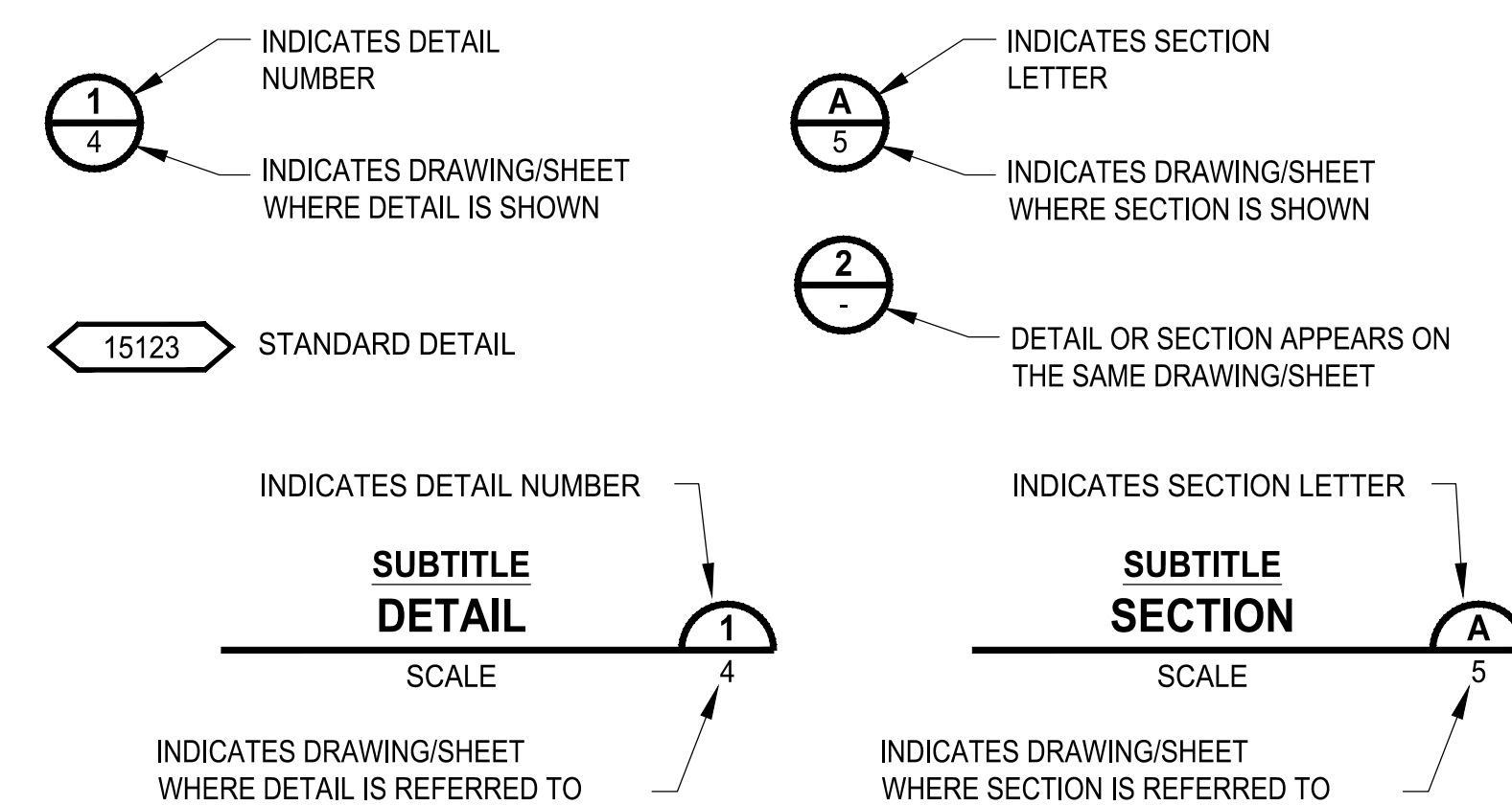
ABBREVIATIONS

Table of abbreviations and their meanings, including ADDL (Additional), ADJ (Adjustable), AGG (Aggregate), etc.

LEGEND - PROPOSED



DETAIL AND SECTION DESIGNATION



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)

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

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



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

GENERAL NOTES, LEGEND & ABBREVIATIONS

DRAWING NO. 02 OF 70 G-02

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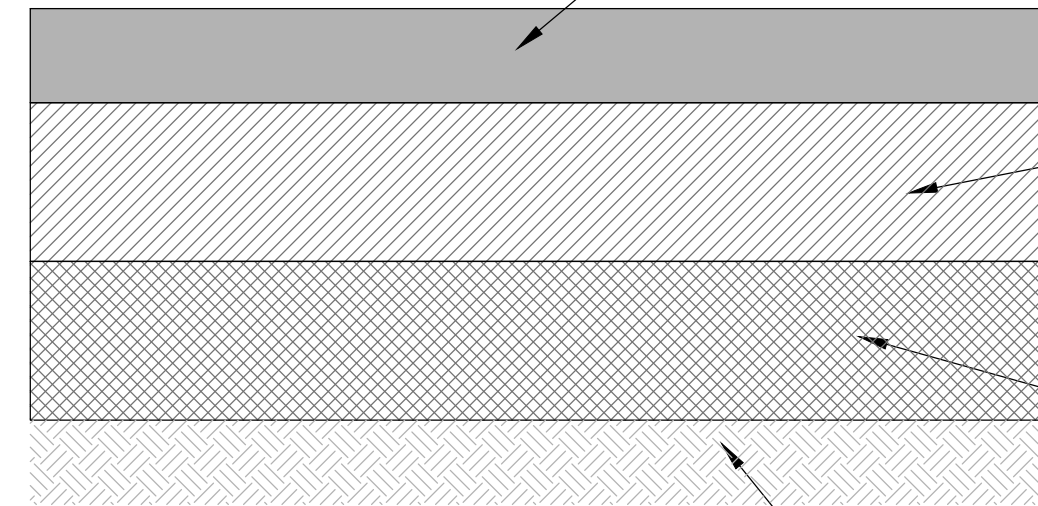
NOTE: ALL SUBGRADE PREPARATION SHALL BE DONE IN ACCORDANCE WITH THE "GEO TECHNICAL ENGINEERING EVALUATION" (FEBRUARY 5, 2021) PREPARED BY GEOENGINEERS.

CLASS "B" ASPHALT CONCRETE 3" MIN. COMPACTED DEPTH. OPTIONAL VARIABLE IS TO HAVE THE PARKING STALL AREA ONLY BE 2" MIN FOR BASE COURSE PER THE GEO TECHNICAL REPORT.

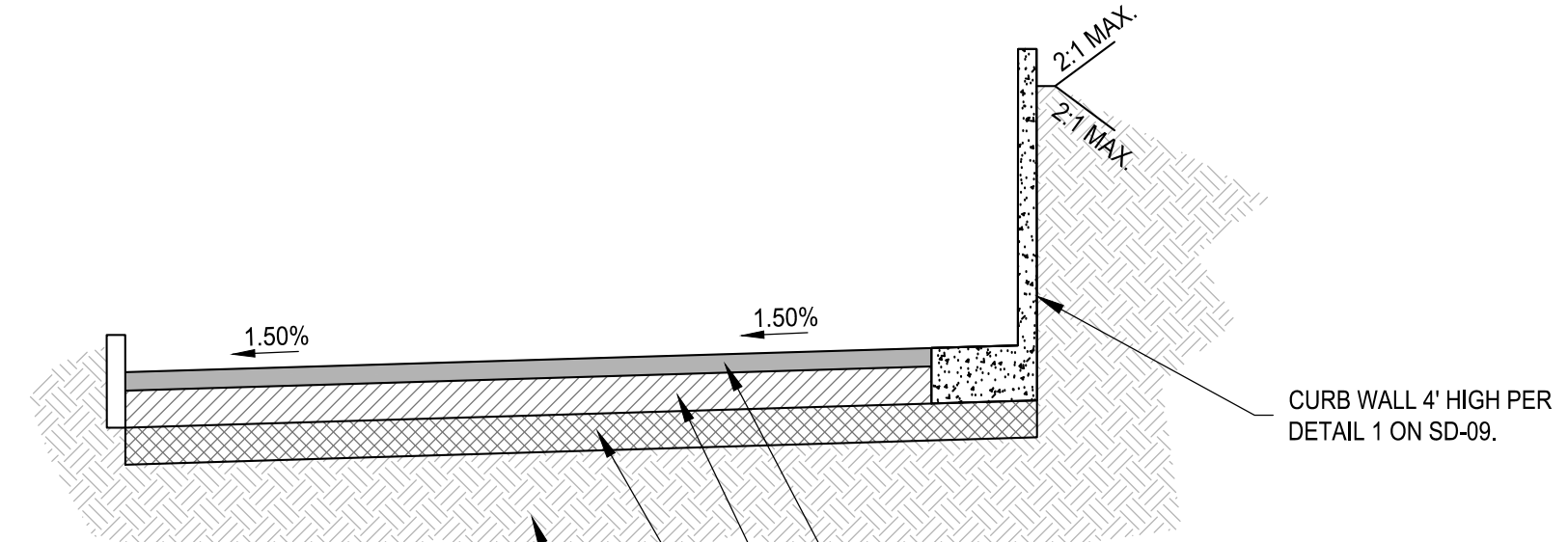
CRUSHED SURFACING BASE COURSE 6" MIN. COMPACTED DEPTH. OPTIONAL VARIABLE IS TO HAVE THE PARKING STALL AREA ONLY BE 4" MIN FOR BASE COURSE PER THE GEO TECHNICAL REPORT.

SUBBASE GRAVEL BORROW 6" MIN. COMPACTED DEPTH. TO BE 12"-18" COMPACTED DEPTH IF CONSTRUCTED DURING WET WEATHER PER GEO TECHNICAL RECOMMENDATIONS.

SUBGRADE COMPACTED TO A MINIMUM OF 95% OF ITS MAXIMUM DRY DENSITY UNDER ROADWAYS (TYP.)

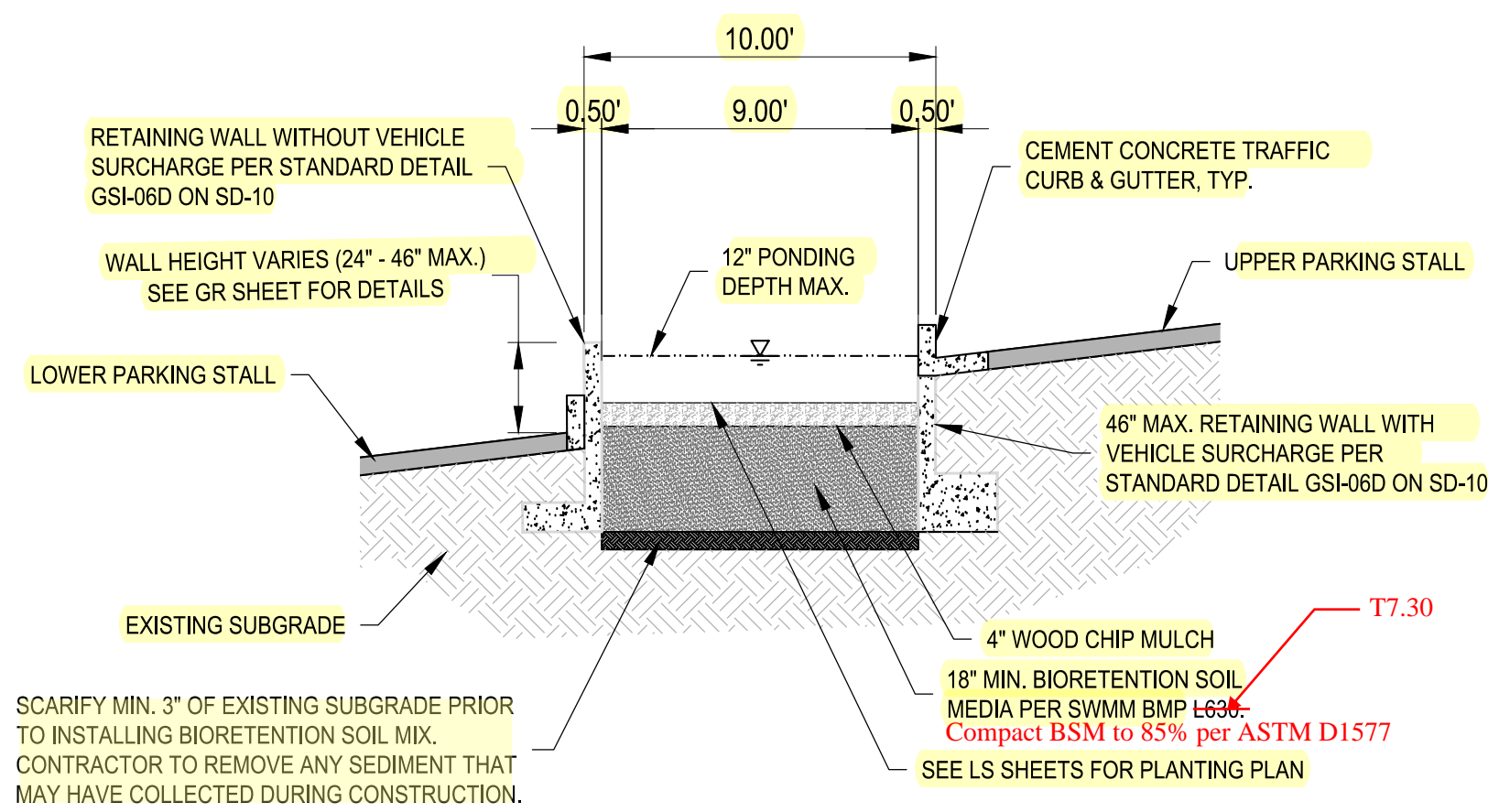


ASPHALT DEPTH SECTION
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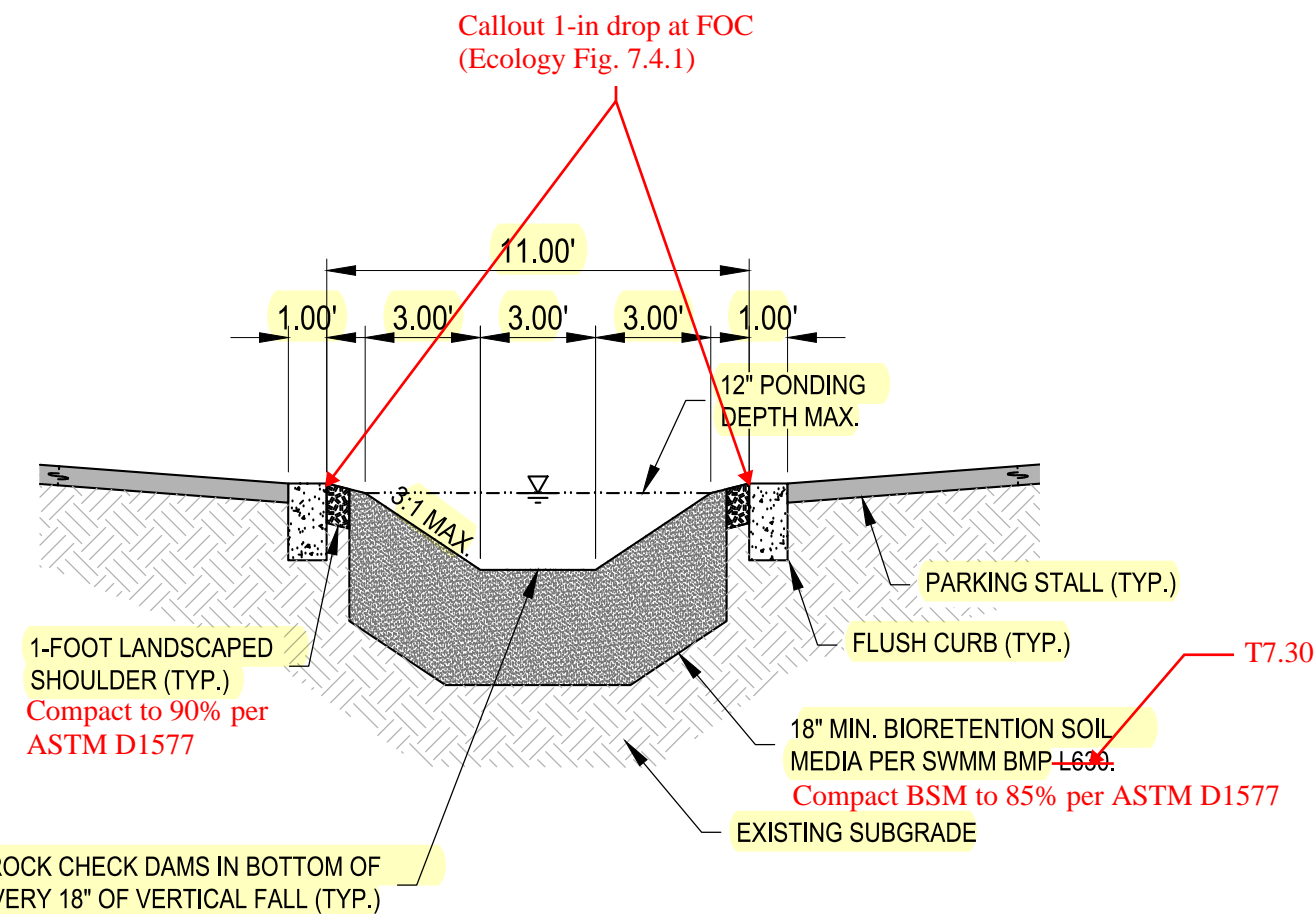


ALIGNMENT L - DRIVE AISLE SECTION
NO SCALE

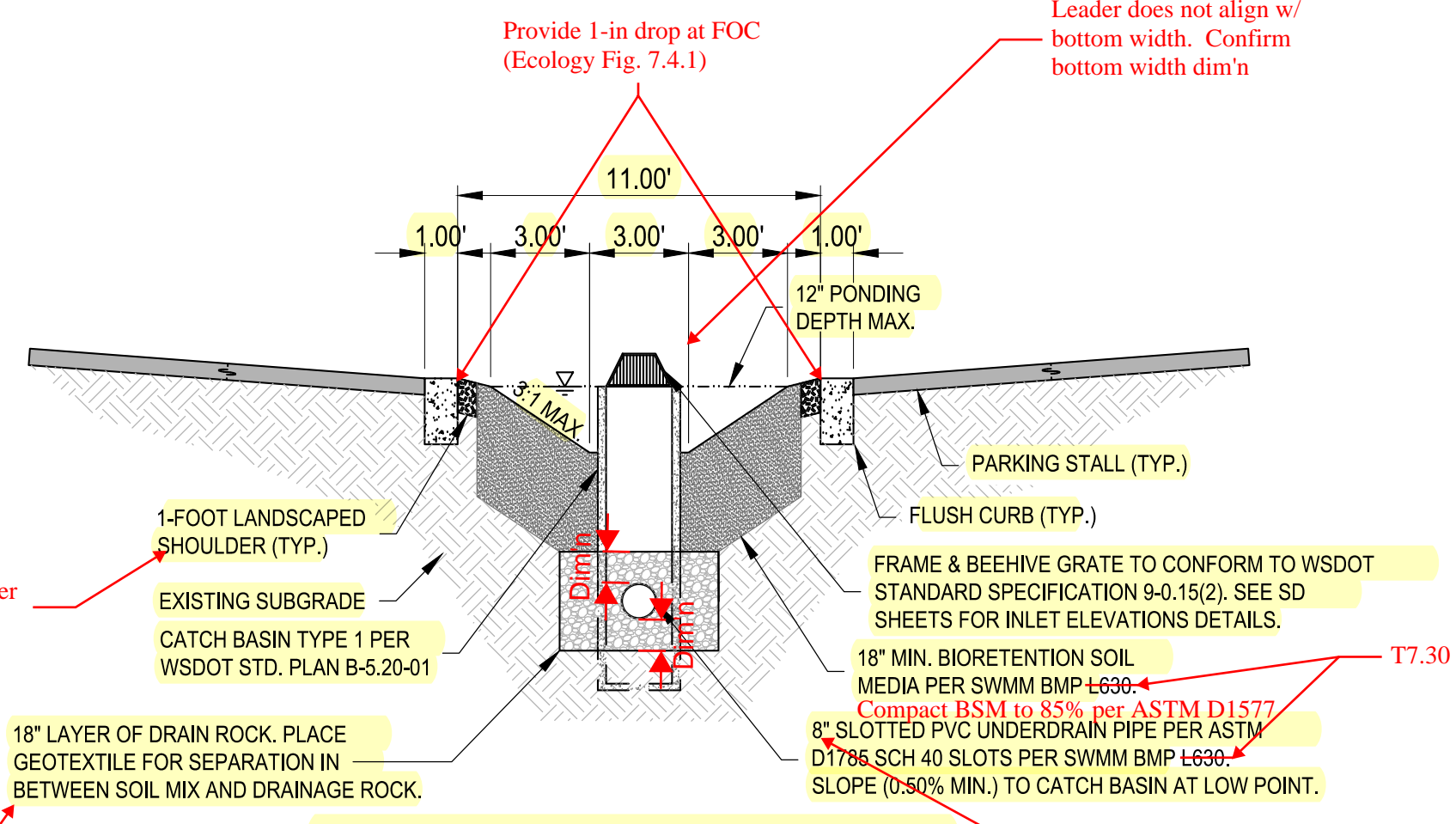
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SUBGRADE COMPACTED TO A MINIMUM OF 95% OF ITS MAXIMUM DRY DENSITY UNDER ROADWAYS (TYP.)



WALLED INFILTRATION PLANTER SECTION
NO SCALE



WATER QUALITY SWALE SECTION
NO SCALE



WATER QUALITY SWALE WITH UNDER DRAIN SECTION
NO SCALE

PATH: u:\p\p\Projects\clients\217-7312-004_SHB&T\parking\expansion\985\cva\CADD\DWG
PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:36:58 AM
LAYOUT: TS-01

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

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FILE NAME: 01-FS0731200C-CV
JOB No: 217-7312-004
DATE: MAY 2021

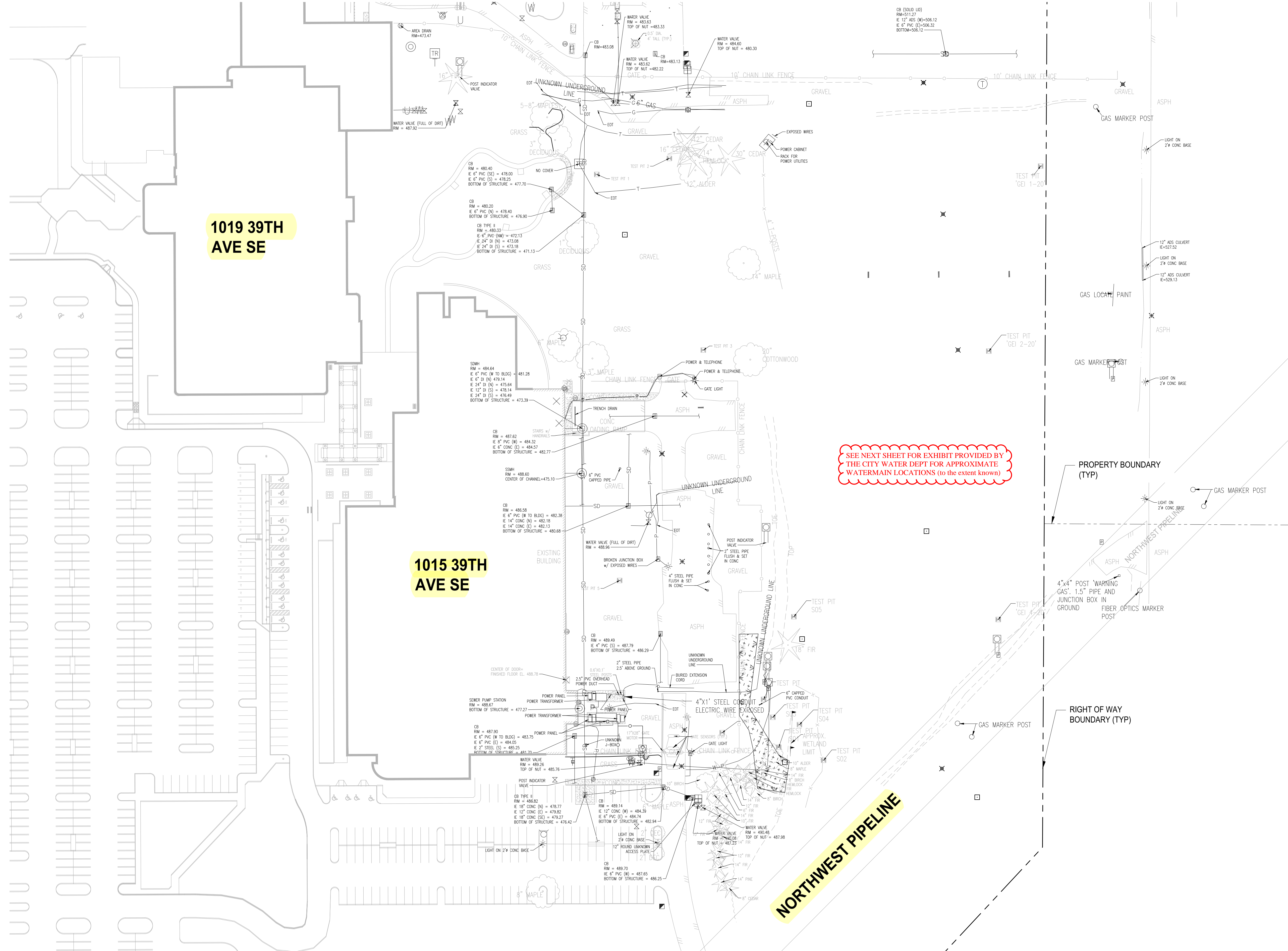


PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

NOTE: SYMBOLS NOT TO SCALE
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TYPICAL SECTIONS
DRAWING NO. 03 OF 70
TS-01



Know what's below.
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SEE NEXT SHEET FOR EXHIBIT PROVIDED BY
THE CITY WATER DEPT FOR APPROXIMATE
WATERMAIN LOCATIONS (to the extent known)

NOTE:
SYMBOLS NOT TO SCALE

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NOT FOR CONSTRUCTION

LAYOUT: EX-01
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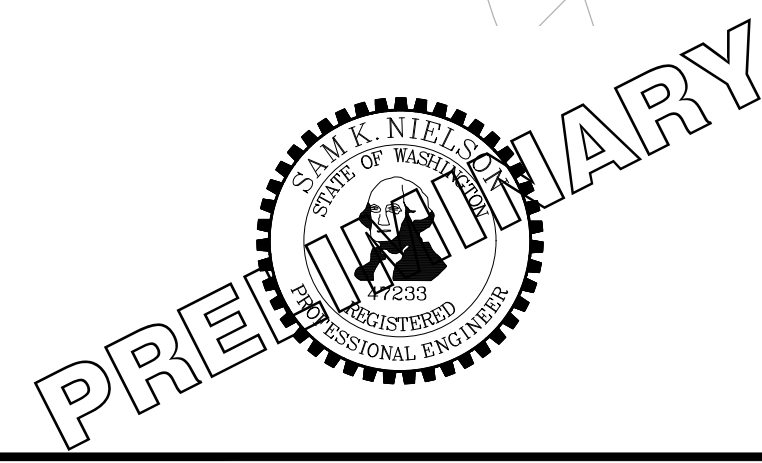
REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

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FILE NAME:
Q1-P-50731200C-CV

JOB No.
217-7312-004

DATE
MAY 2021

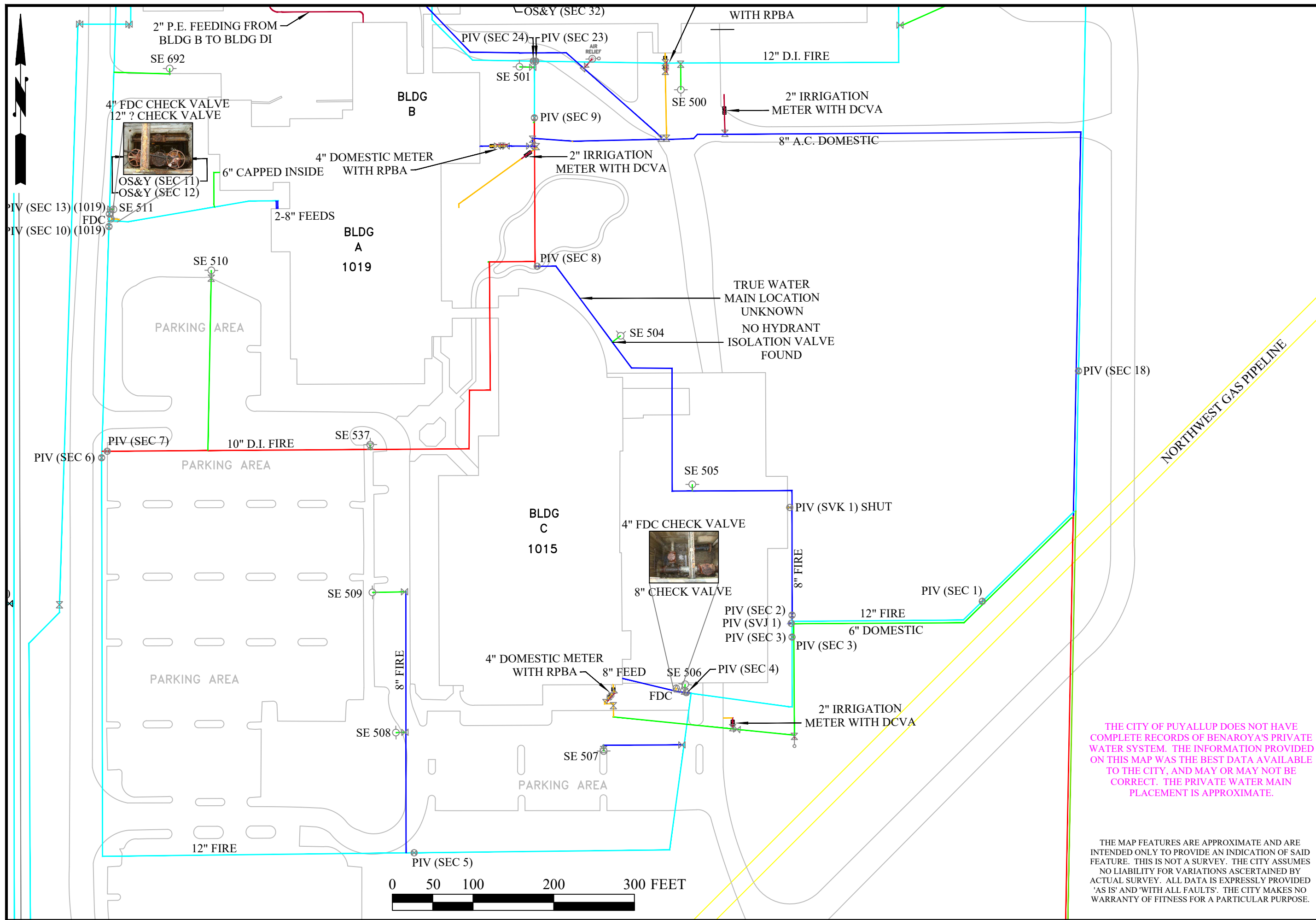


PROJECT NAME
**SOUTH HILL BUILDING &
TECHNOLOGY CENTER
PARKING EXPANSION**
PUYALLUP, WA

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.





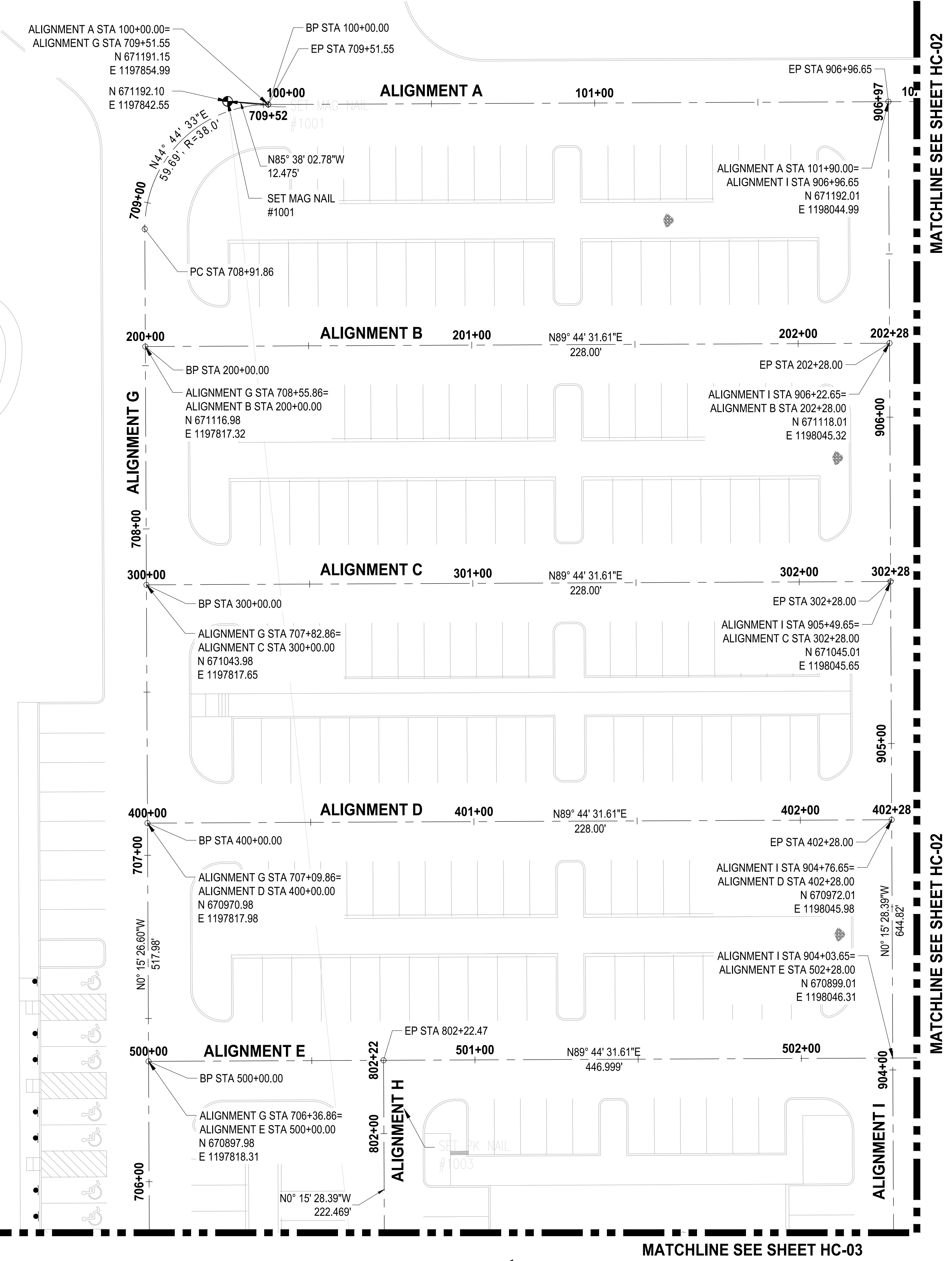
Know what's below.
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APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

SCALE IN FEET
1" = 40'

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

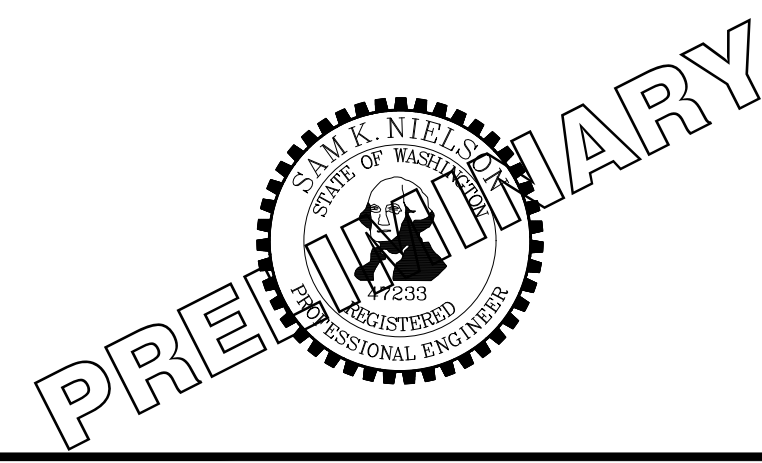


MATCHLINE SEE SHEET HC-03

MATCHLINE SEE SHEET HC-03

MATCHLINE SEE SHEET HC-02

MATCHLINE SEE SHEET HC-02



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IF NOT, SCALE ACCORDINGLY**

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-01

DRAWING NO.
 06 OF 70

NOTE:
 SYMBOLS NOT TO SCALE

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 NOT FOR CONSTRUCTION**

LAYOUT: HC-01
 PATH: U:\PS0\Projects\Clients\7312-Benaroya\217-7312-004_SHB&TCParkingExpansion\985\Svs\CADD\DWG
 PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:39:40 AM

REVISIONS	DATE	BY	DESIGNED	CHECKED	APPROVED
			WZG	RLP	SKN
				DCS	

MATCHLINE SEE SHEET HC-01

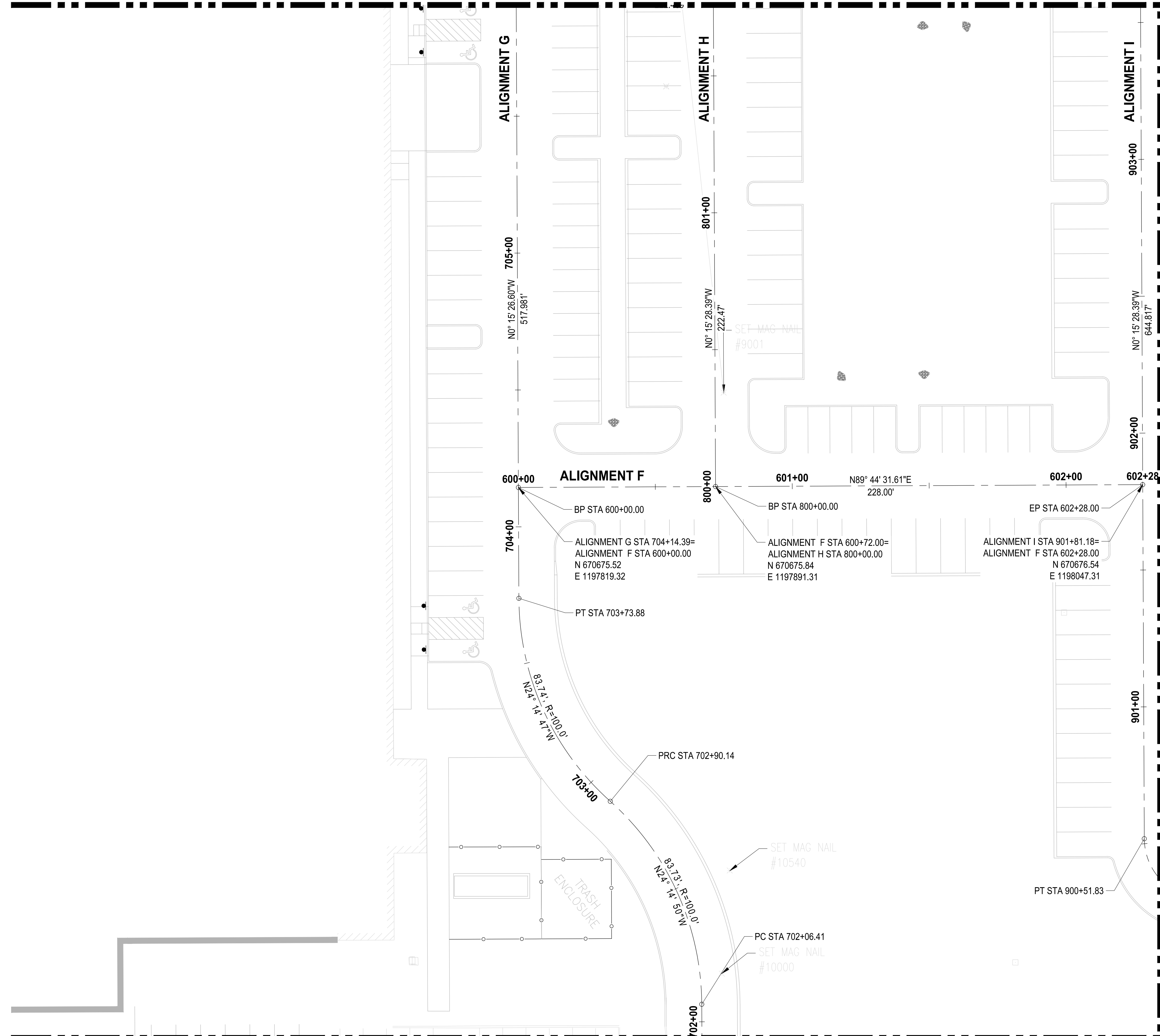
MATCHLINE SEE SHEET HC-01



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APPROVED
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: _____
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MATCHLINE SEE SHEET HC-05

MATCHLINE SEE SHEET HC-05

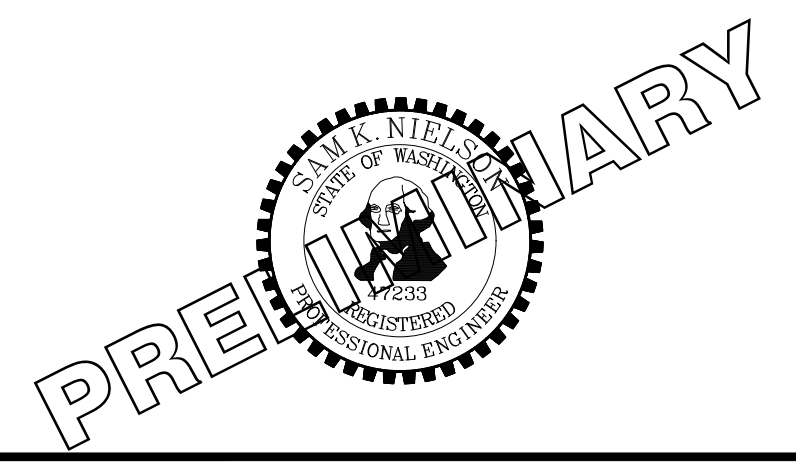
MATCHLINE SEE SHEET HC-04

MATCHLINE SEE SHEET HC-04

LAYOUT: HC-03 PATH: U:\PSO\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TCParkingExpansion\98Sves\Cadd\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:39:47 AM

REVISIONS	DATE	BY	DESIGNED	CHECKED	APPROVED
			WZG	RLP	DCS
					SKN

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 FILE NAME: 02-PSO731200C-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-05 PATH: u:\p50\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TCParkingExpansion\985\Drawings\CAD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:39:53 AM

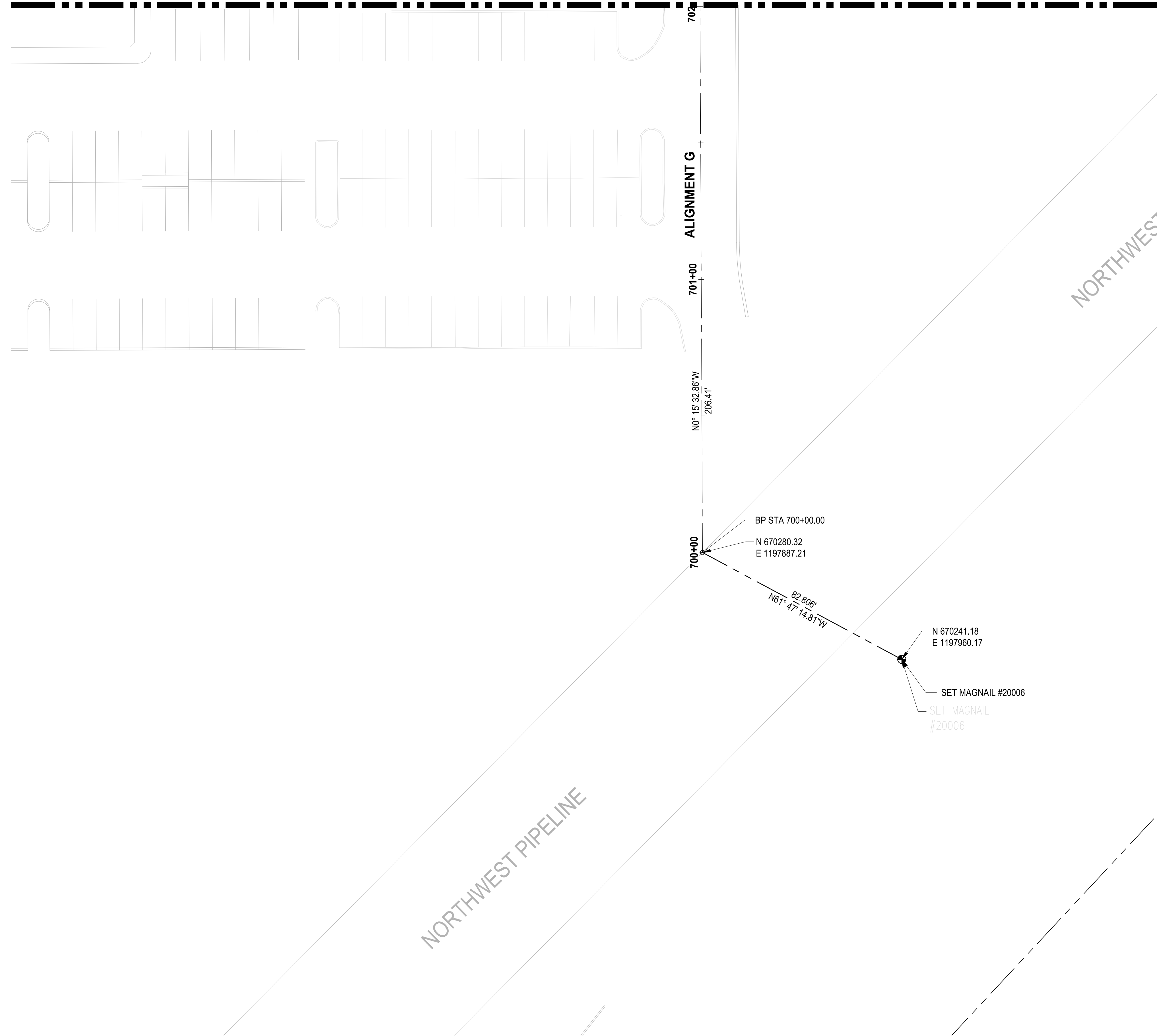
MATCHLINE SEE SHEET HC-03

MATCHLINE SEE SHEET HC-03



SCALE IN FEET
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NORTHWEST PIPELINE

NORTHWEST

ALIGNMENT G

702

701+00

700+00

N01° 15' 32.86"W
206.41'

BP STA 700+00.00
N 670280.32
E 1197887.21

82.806'
N61° 47' 14.81"W

N 670241.18
E 1197960.17

SET MAGNAIL #20006

SET MAGNAIL #20006

PRELIMINARY



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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.

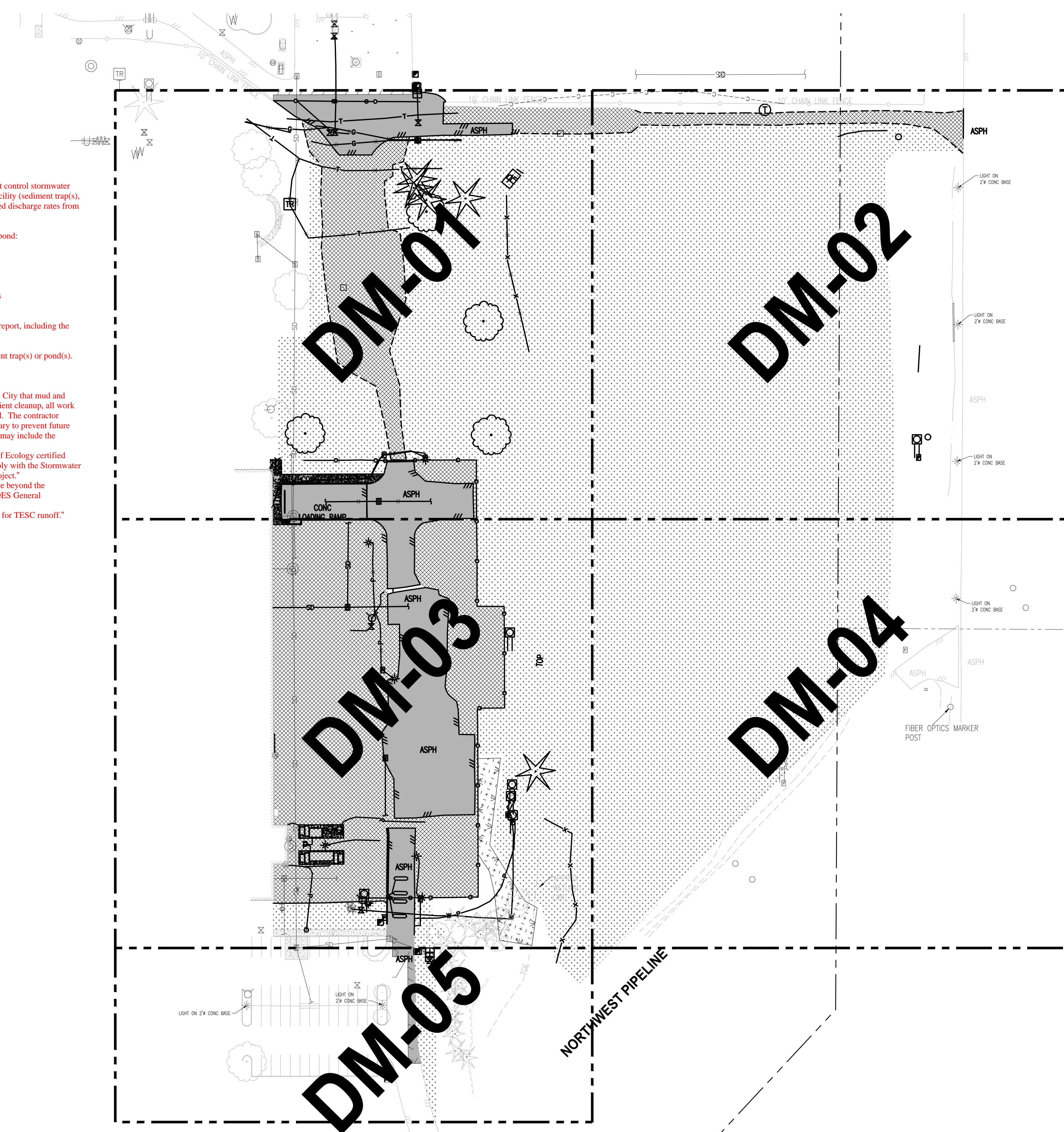
Provide construction information for any sediment trap/pond:
 -Identify contour lines.
 -Provide typical cross-section
 -Callout bottom area size
 -Callout top area size
 -Callout minimum volume.
 -Identify outlet and indicate where the discharge goes
 -Identify energy dissipation for inlet

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
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APPROVED
 BY: CITY OF PUYALLUP
 DEVELOPMENT SERVICES

SCALE IN FEET
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 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:**
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

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

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 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.
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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:

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2. EXISTING PAVEMENT TO BE REMOVED AND MAY BE PULVERIZED AND USED AS BASE MATERIAL IF APPROVED BY GEOTECH AND CITY INSPECTOR.
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CONSTRUCTION NOTES:

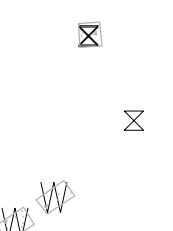
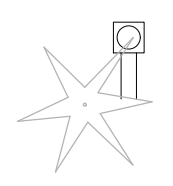
- 1 MAINTAIN AND PROTECT EXISTING UTILITIES.
- 2 PRESERVE AND PROTECT EXISTING ASPHALT ROAD.
- 3 PRESERVE AND PROTECT EXISTING VEGETATION.
- 4 ADJUST EXISTING UTILITY TO FINISHED GRADE.
- 5 REMOVE SITE FEATURE.
- 6 INSTALL TEMPORARY CONSTRUCTION ENTRANCE SEE CITY OF PUYALLUP STANDARD NO. 05.01.01 ON 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. Const. Note 10 which includes the 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.

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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

CHAIN LINK FENCE
N 670897.22
E 1197799.79

MAPLE TREE

MAPLE TREE

TREE 3

TREE 3

TREE 3

TREE 3

TREE 3

TREE 3

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MATCHLINE SEE SHEET DM-02

MATCHLINE SEE SHEET DM-02

MATCHLINE SEE SHEET DM-03

MATCHLINE SEE SHEET DM-03



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

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

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

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



Know what's below. Call before you dig.

SCALE IN FEET

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.
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

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?

Contractor to Confirm?

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?

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



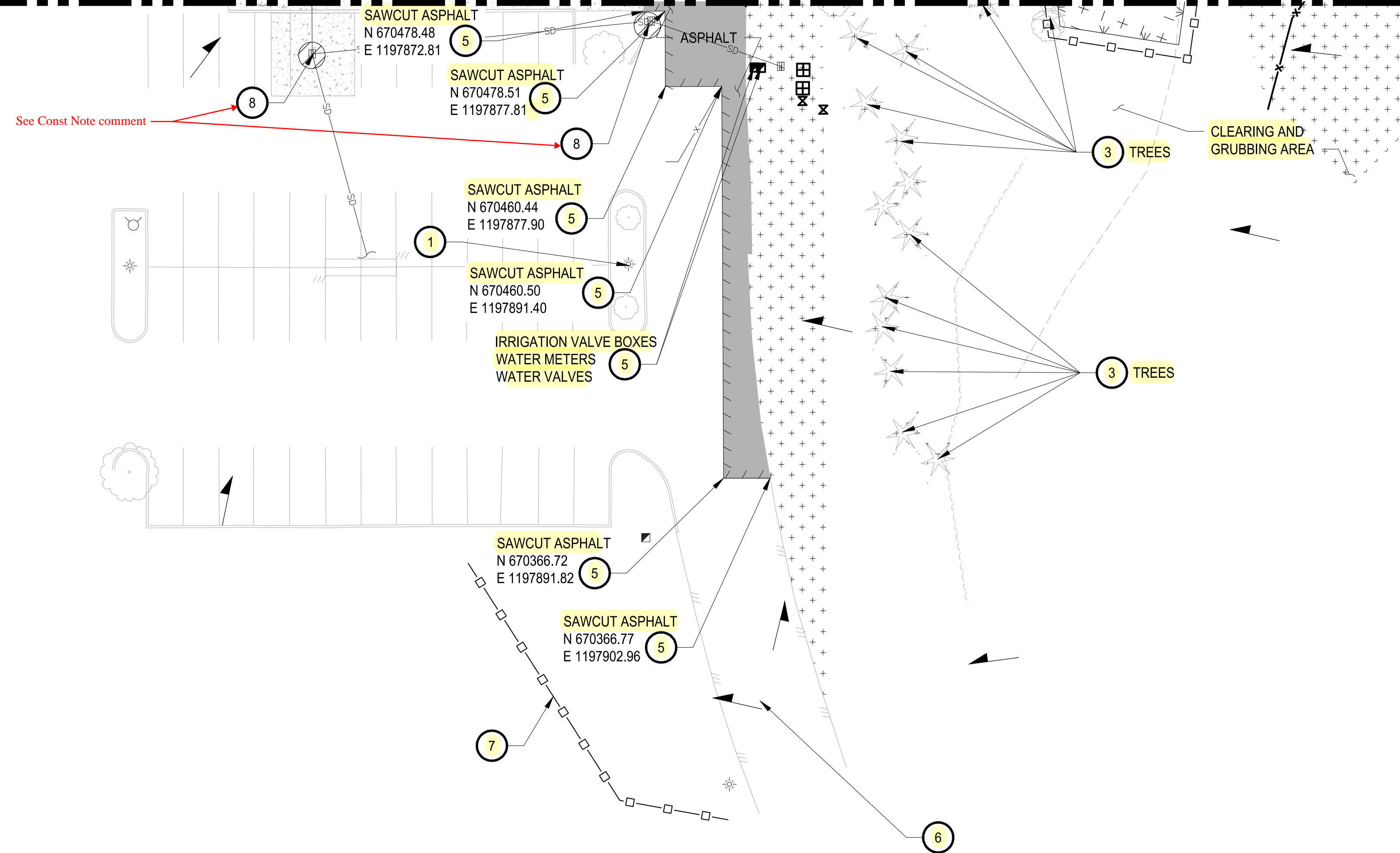
PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION PUYALLUP, WA

DEMOLITION, TESC, CLEARING & GRUBBING PLAN

DRAWING NO. 14 OF 70 DM-03

MATCHLINE SEE SHEET DM-03

MATCHLINE SEE SHEET DM-03



APPROVED

BY: [Signature]

CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: [Signature]

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

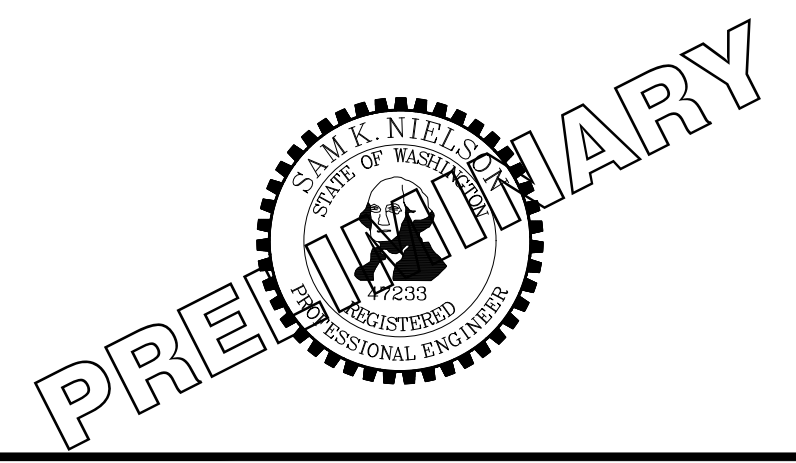
See comments Sheet DM00

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	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	SKN

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

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.
16 OF 70
DM-05

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

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

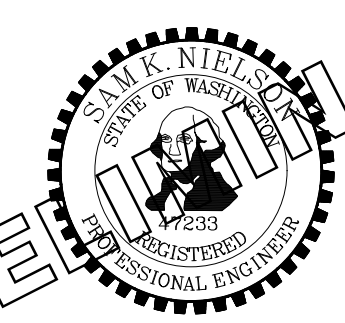
HARDSCAPE & STORM DRAINAGE PLAN COMPOSITE

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
THIS DRAWING 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:

- 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:

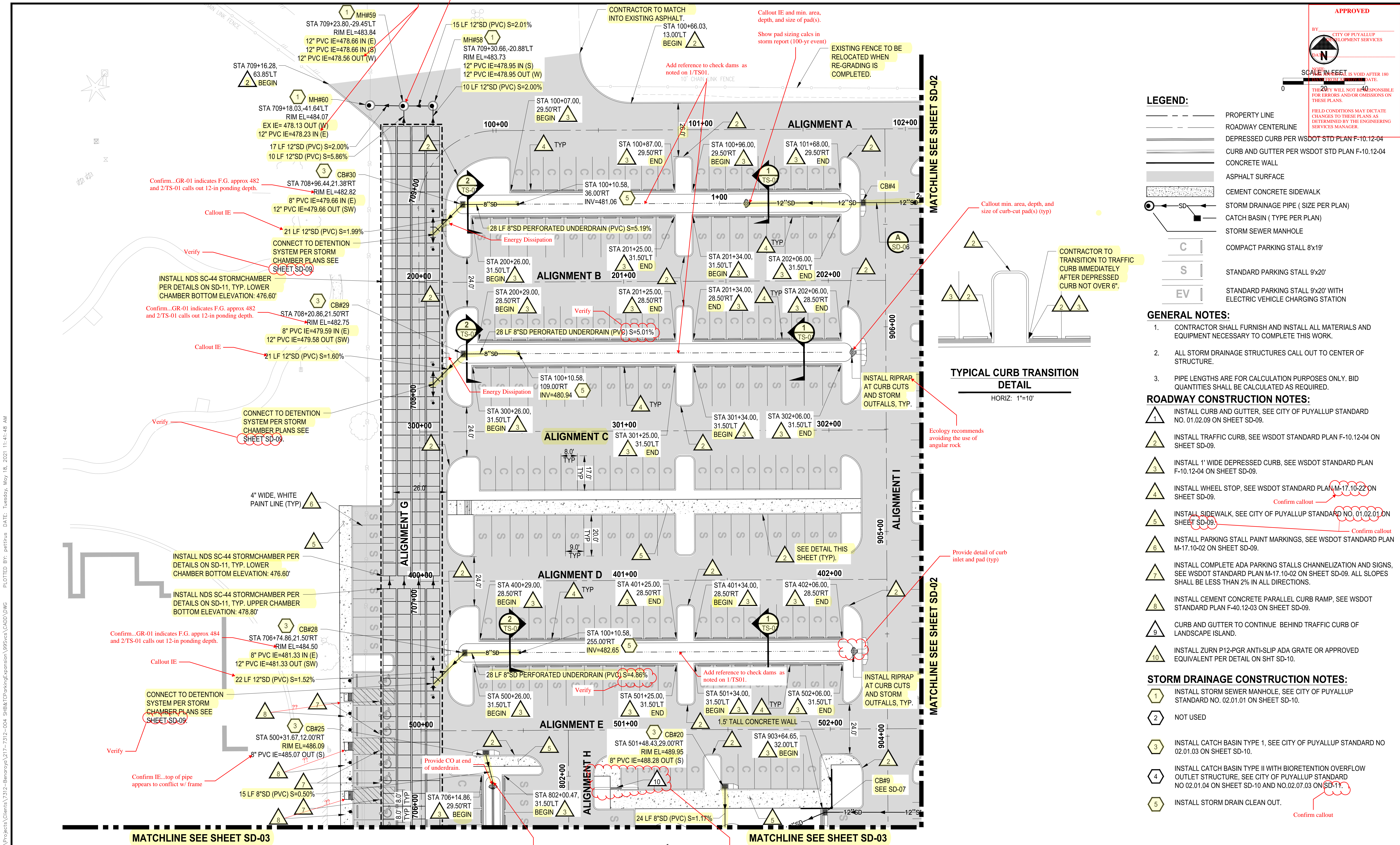
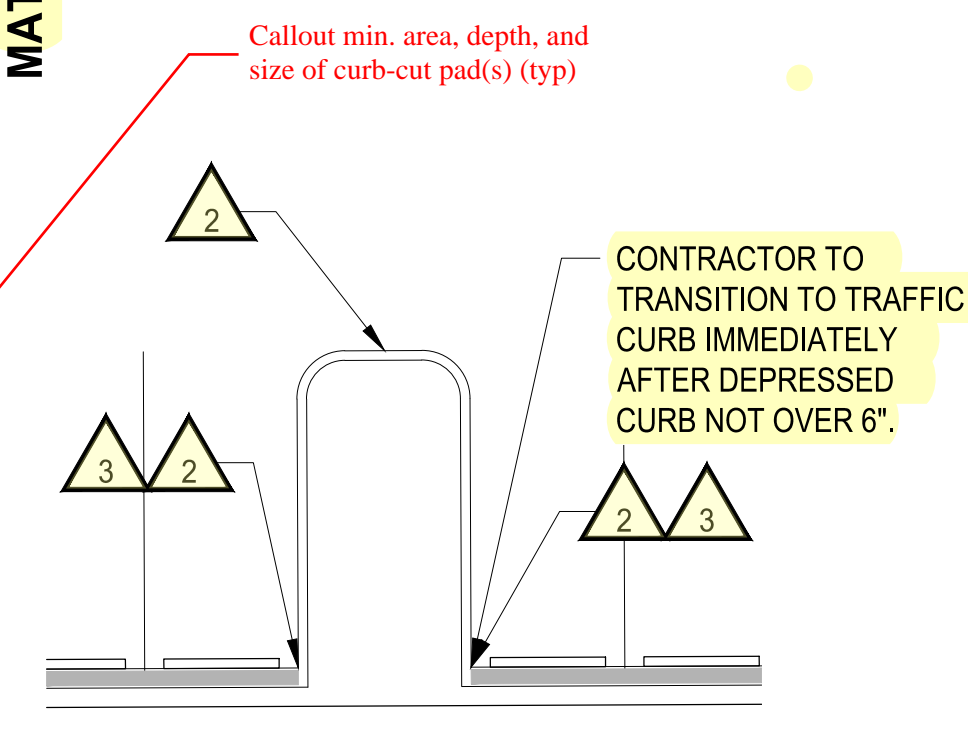
- INSTALL STORM SEWER MANHOLE, SEE CITY OF PUYALLUP STANDARD NO. 02.01.01 ON SHEET SD-10.
- NOT USED
- INSTALL CATCH BASIN TYPE 1, SEE CITY OF PUYALLUP STANDARD NO 02.01.03 ON SHEET SD-10.
- INSTALL CATCH BASIN TYPE II WITH BIORETENTION OVERFLOW OUTLET STRUCTURE, SEE CITY OF PUYALLUP STANDARD NO 02.01.04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

TYPICAL CURB TRANSITION DETAIL

HORIZ: 1"=10'



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



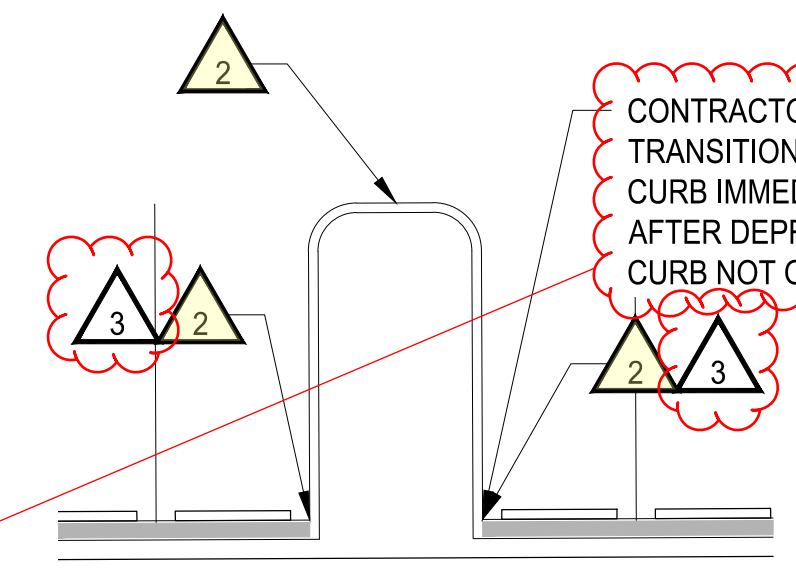
PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER
PARKING EXPANSION
PUYALLUP, WA

HARDSCAPE & STORM DRAINAGE PLAN
SD-01

DRAWING NO.
19 OF 70

PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:41:48 AM

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
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:

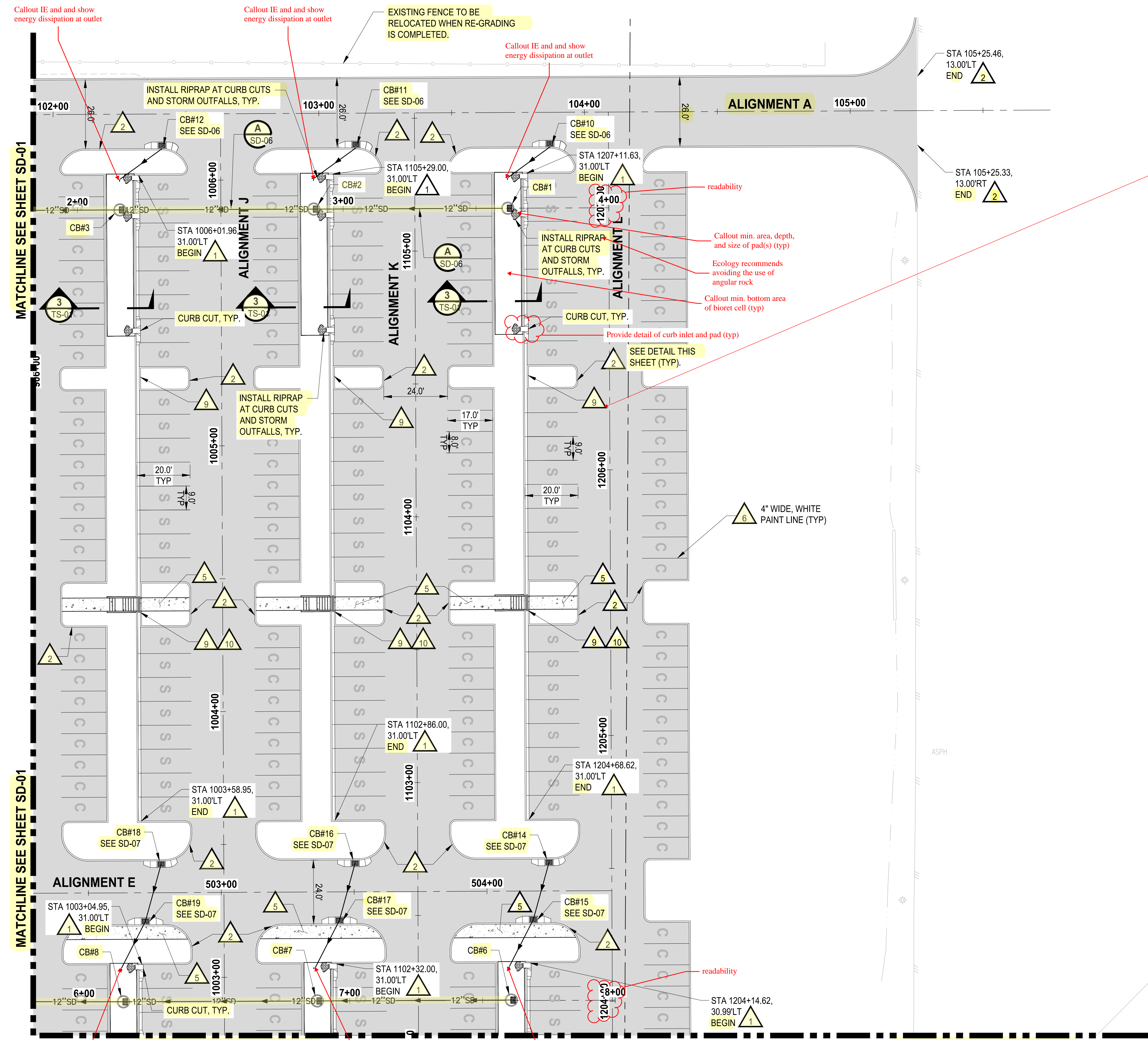
- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
- INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 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

PLOTTED BY: petritrus DATE: Tuesday, May 18, 2021 11:41:56 AM

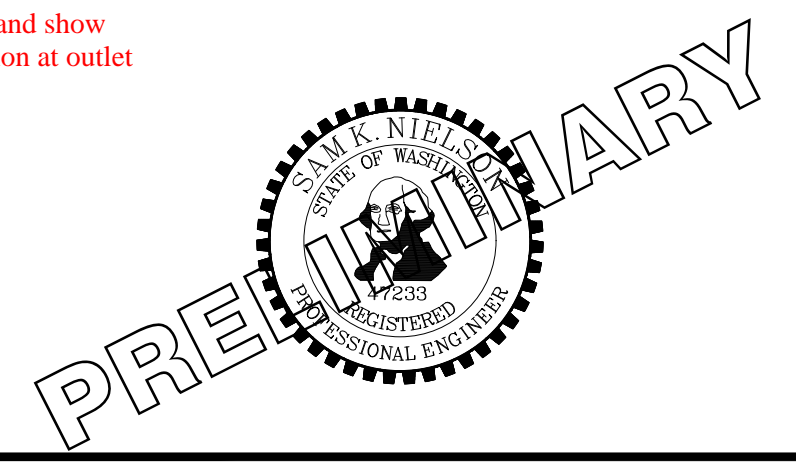
NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
1	WZG						
2	CLP						
3	DCS						
4	SKN						

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



SCALE IN FEET
THIS DRAWING 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.

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:

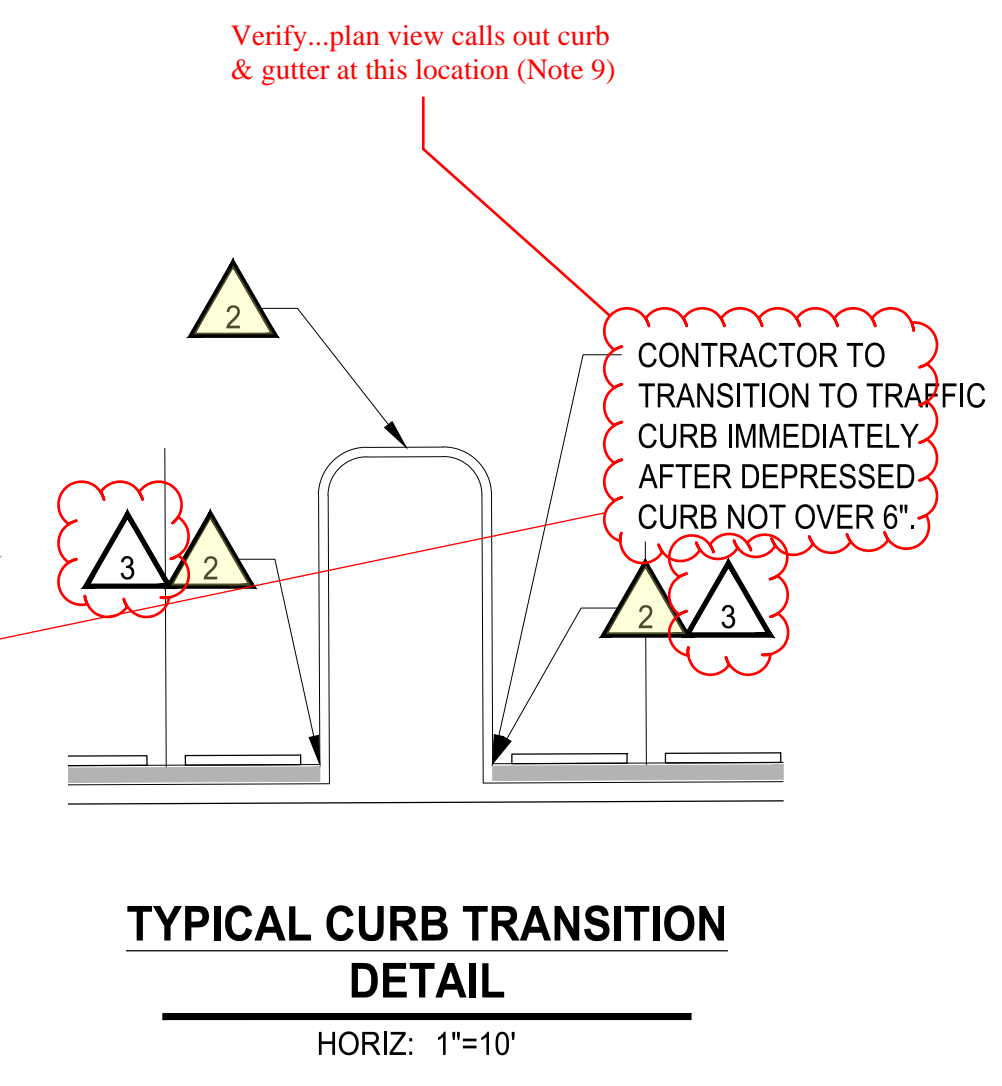
1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
2. ALL STORM DRAINAGE STRUCTURES CALL OUT TO CENTER OF STRUCTURE.
3. PIPE LENGTHS ARE FOR CALCULATION PURPOSES ONLY. BID QUANTITIES SHALL BE CALCULATED AS REQUIRED.

ROADWAY CONSTRUCTION NOTES:

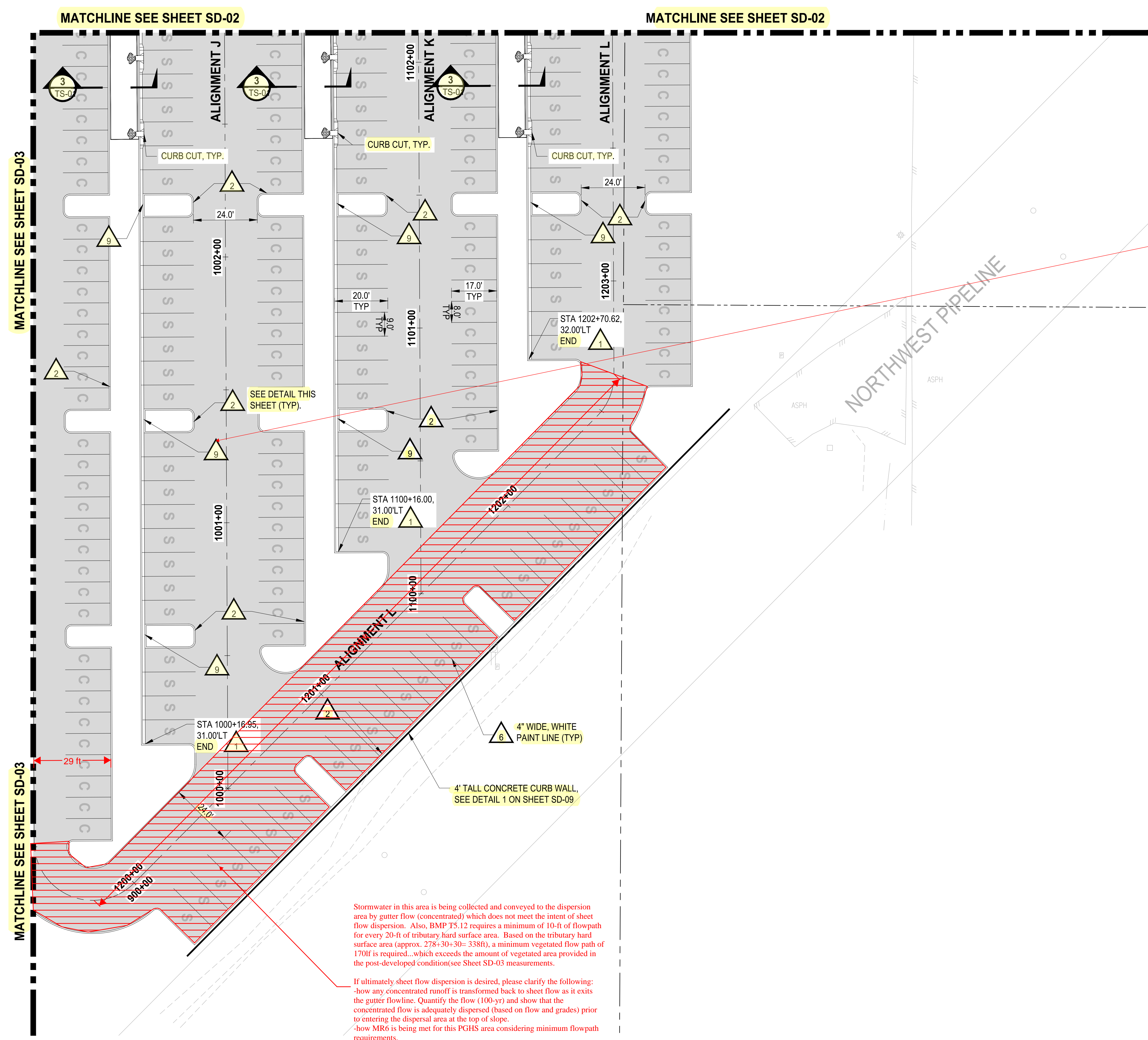
1. INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
2. INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
3. INSTALL 1" WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
4. INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 ON SHEET SD-09.
5. INSTALL SIDEWALK, SEE CITY OF PUYALLUP STANDARD NO. 01.02.01 ON SHEET SD-09.
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.



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\04-7312-004_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

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

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES
DATE: 5/11/2021
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.

SCALE IN FEET
0 10 20

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:

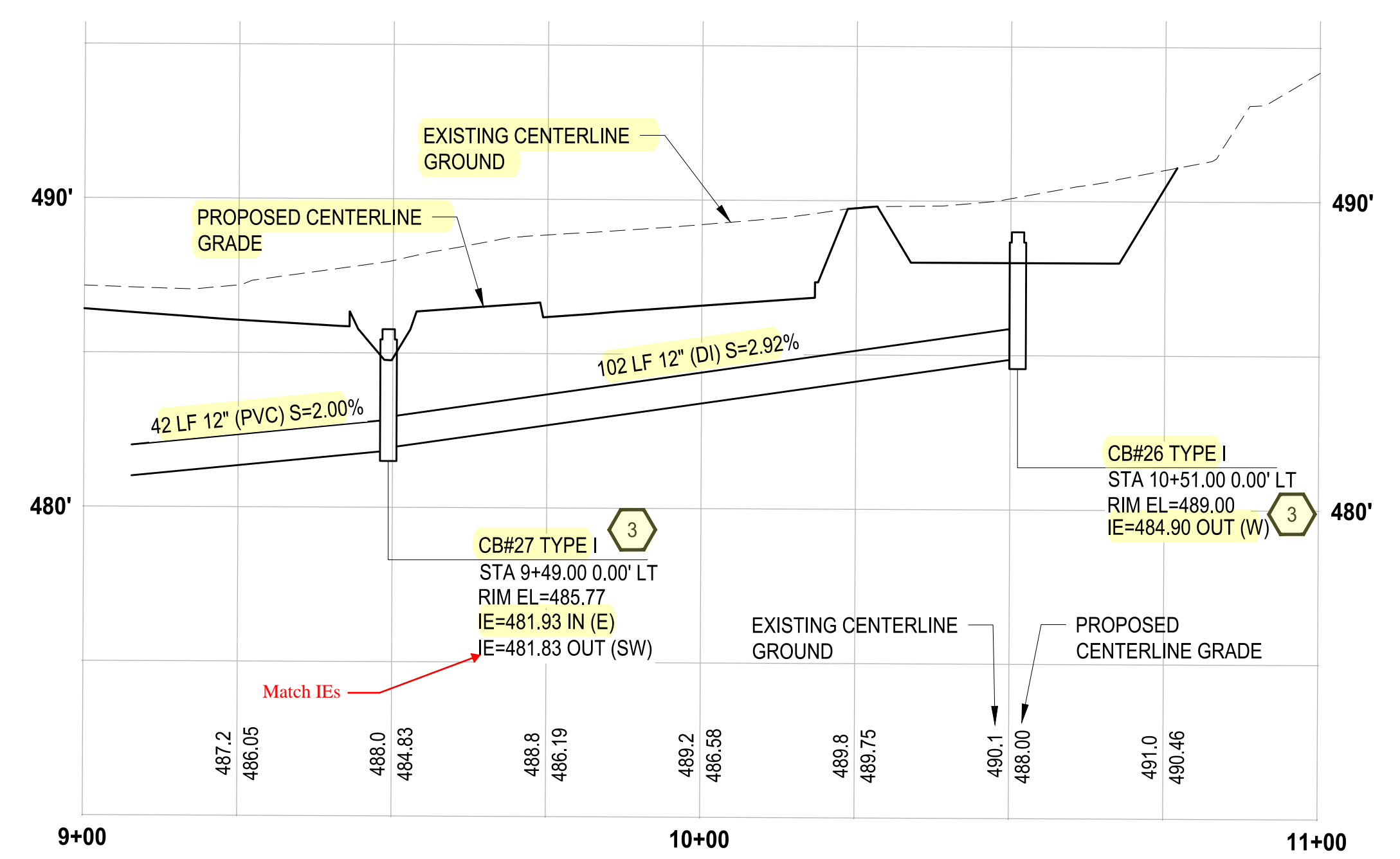
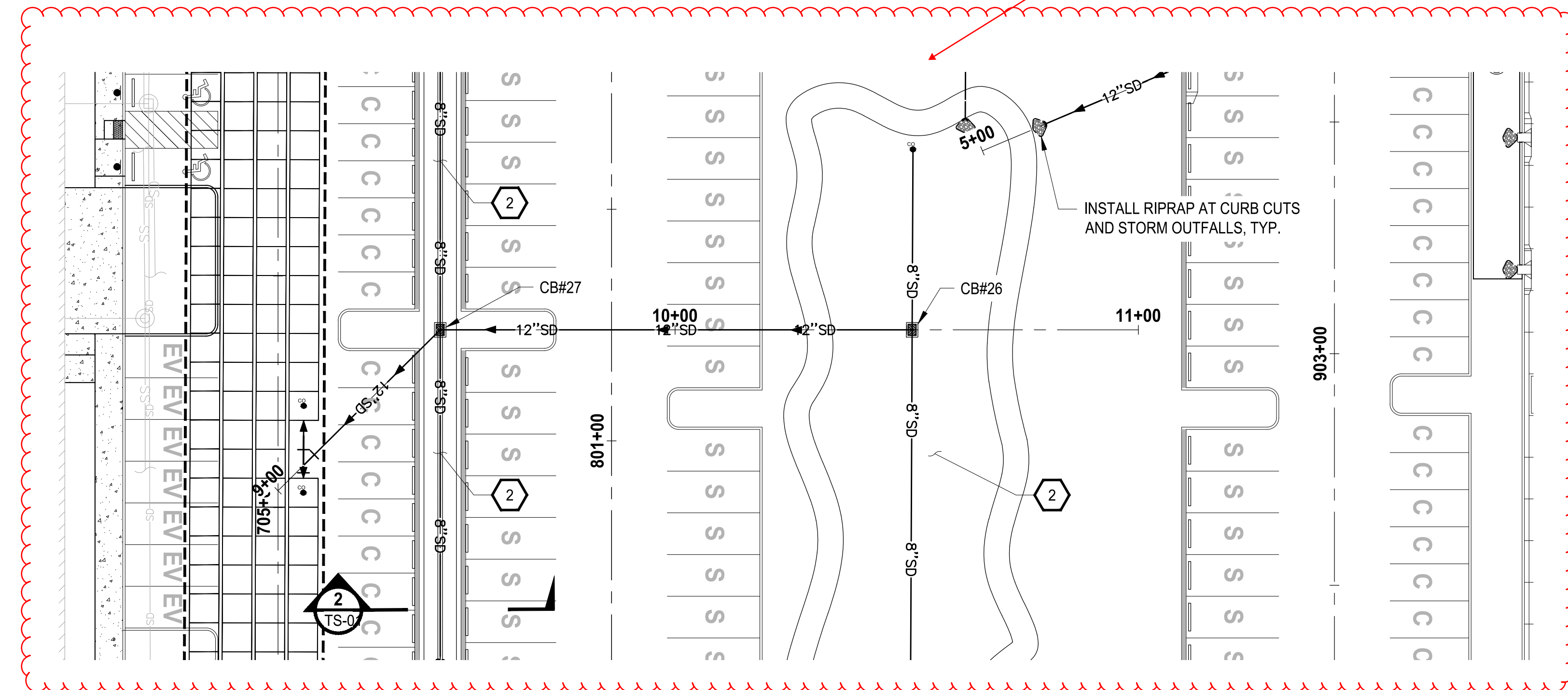
- INSTALL CURB AND GUTTER, SEE CITY OF PUYALLUP STANDARD NO. 01.02.09 ON SHEET SD-09.
- INSTALL TRAFFIC CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL 1' WIDE DEPRESSED CURB, SEE WSDOT STANDARD PLAN F-10.12-04 ON SHEET SD-09.
- INSTALL WHEEL STOP, SEE WSDOT STANDARD PLAN M-17.10-22 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. *Confirm callout*
- 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



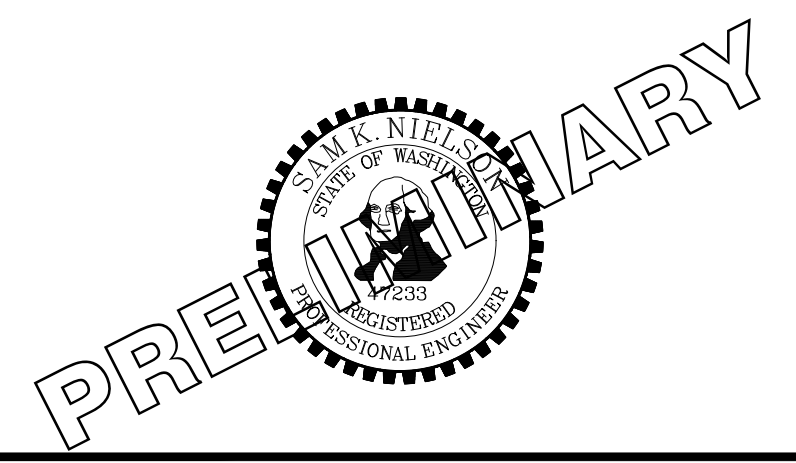
STORM ALIGNMENT C PROFILE
HORIZ: 1"=20'
VERT: 1"=4'

U:\Projects\217-7312-004_South Hill Building Expansion\985\Drawings\SD-09.dwg PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:42:43 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-PS0731200C-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.
26 OF 70
SD-08

MANHOLE RING AND COVER. THE COVER SHALL BE MARKED WITH "STORM" OR "DRAIN" IN 2" RAISED LETTERS. SEE CITY STANDARD DETAIL NO. 06.01.02 FOR ADDITIONAL INFORMATION.

NOTES:

- THE CONSTRUCTION AND INSTALLATION OF STORM SEWER MANHOLES SHALL CONFORM TO THE REQUIREMENTS OF WSDOT SPEC. SECTION 7-05 AND ASTM C 478.
- THE FACE OF NEAT LINE CUTS IN EXISTING ASPHALT PAVEMENT SHALL BE TACK COATED AND THE TOP OF THE JOINT SHALL BE SEALED WITH A HOT PAVING GRADE ASPHALT.
- PRECAST RISER SECTION OR PRECAST BASE WITH INTEGRAL RISER SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS WITH A MINIMUM WALL THICKNESS OF 2". THE SIZE OF THE KNOCKOUT SHALL BE EQUAL TO THE PIPE OUTER DIAMETER PLUS THE MANHOLE WALL THICKNESS. THE MAXIMUM HOLE SIZE IS 36" FOR A 48" MANHOLE, 42" FOR A 54" MANHOLE, 50" FOR A 72" MANHOLE, AND 64" FOR A 96" MANHOLE.
- A FLEXIBLE GASKETED JOINT SHALL BE INSTALLED WITHIN 12" OF EACH CONNECTION TO A MANHOLE. THE CONNECTION OF CONCRETE OR DUCTILE IRON PIPE TO A MANHOLE SHALL BE CEMENT MORTARED. DUCTILE IRON PIPE SHALL BE SEALED WITH MASTIC AT THE CONNECTION POINT PRIOR TO BEING MORTARED. THE CONNECTION OF PVC PIPE TO A MANHOLE SHALL UTILIZE A MANHOLE COUPLING (SAND COLLAR) WITH A RUBBER GASKET.
- THE MANHOLE COVER SHALL BE MARKED WITH "STORM" OR "DRAIN" IN 2 INCH RAISED LETTERS. MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL NO. 06.01.03.
- MANHOLE STEP AND LADDER SHALL CONFORM TO CITY STANDARD DETAILS NO. 06.01.04 AND 06.01.05.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

STORM SEWER MANHOLE

DATE: 02.01.01

NOTES:

- FRAME AND GRATE SHALL BE LOCKING AND GRATE SHALL BE BOLTED TO FRAME. FRAME SHALL CONFORM TO WSDOT STANDARD PLAN B-30.10-01.
- OVERFLOW STRUCTURE SHALL BE LOCATED WITHIN 10 FEET OF ROAD EDGE FOR MAINTENANCE ACCESS, UNLESS OTHERWISE NOTED. OVERFLOW STRUCTURE MAY BE LOCATED IN SIDE SLOPES.
- FRAME AND GRATE TO CONFORM TO WSDOT STANDARD SPECIFICATIONS 9-05.15(2).
- PLANT SPACING WITHIN FACILITY TO ALLOW MAINTENANCE ACCESS TO STRUCTURE.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

BIORETENTION OVERFLOW OUTLET STRUCTURE

DATE: 02.07.03

NOTES:

- MAXIMUM LENGTH OF PIPE BETWEEN CATCH BASINS SHALL BE 300'.
- MAXIMUM GUTTER LINE FLOW LENGTH SHALL BE 300'.
- TYPE I CATCH BASIN IS USED FOR DEPTHS LESS THAN 5'-0" FROM TOP OF GRATE TO I.E.(PIPE INVERT).
- PRECAST BASE SECTION SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. KNOCKOUTS SHALL BE ON 4 SIDES WITH A MAXIMUM DIAMETER OF 20" TO PROVIDE FOR A MINIMUM SLUMP DEPTH OF 18".
- REINFORCING BARS SHALL BE CUT OR BENT AS REQUIRED TO CLEAR CUTOUTS.
- THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION SHALL NOT EXCEED 1/2" PER FOOT.
- CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (ASHTO M 199) AND ASTM C 890 UNLESS OTHERWISE NOTED.
- THE APRON SHALL BE 8" IN DEPTH.
- CATCH BASIN MARKER WILL BE AFFIXED WITH MANUFACTURER'S EPOXY IN DRY WEATHER. 40 DEGREES OR WARMER. IF CURB EXISTS MARKER IS PLACED ON TOP OF CURB. IF A RAISED EDGE PLACE MARKER ON THE WEDGE. IF NO CURB PLACE ON PAVEMENT ON SIDE LEAST EXPOSED TO TRAFFIC.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

CATCH BASIN TYPE I (GUTTER DRAIN)

DATE: 02.01.03

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

Dimensional data (Imperial and Metric) are subject to manufacturing tolerances and change without notice. Linear (in/mm), area (in²/m²)

PGR - Raised Perforated

Material:	Galvanized Steel
DIN Rating:	Class A
Weight:	7.0 lbs/ft. [10 kg/m]
Open Area:	14.9 in ² /ft. [315 cm ² /m]
ANSI Rating:	Light-Duty
Application:	Heel-Proof & Pedestrian
Slot Width/Hole Size:	1/4 [6]
ADA:	Yes
H-20:	No
FAA:	No

Zurn Industries, LLC | Light Commercial Plumbing Products
1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 • Ph. 855-663-9876, Fax 814-454-7929
In Canada: Zurn Industries Limited
3544 Nashua Drive, Mississauga, Ontario L4V 1L2 • Ph. 905-405-8272, Fax 905-405-1292
www.zurn.com

Rev. AA
Date: 01/11/16
C.N. No. 133793
Form # FT649

Sheet 31 of 46

NOTES:

- MAXIMUM LENGTH OF PIPE BETWEEN CATCH BASINS SHALL BE 400'.
- MAXIMUM GUTTER LINE FLOW LENGTH SHALL BE 300'.
- TYPE II CATCH BASIN IS USED FOR DEPTHS GREATER THAN 5'-0" FROM TOP OF GRATE TO I.E.(PIPE INVERT).
- PRECAST BASE SECTION SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. KNOCKOUT OR CUTOUT HOLE SIZE SHALL EQUAL THE PIPE OUTER DIAMETER PLUS THE MANHOLE WALL THICKNESS.
- SEE CITY STANDARD DETAIL NO. 02.01.01 FOR ADDITIONAL INFORMATION REGARDING INSTALLATION OF MANHOLE SECTION.
- CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (ASHTO M 199) AND ASTM C 890 UNLESS OTHERWISE NOTED.
- CATCH BASIN MARKER WILL BE AFFIXED WITH MANUFACTURER'S EPOXY IN DRY WEATHER. 40 DEGREES OR WARMER. IF CURB EXISTS MARKER IS PLACED ON TOP OF CURB. IF A RAISED EDGE PLACE MARKER ON THE WEDGE. IF NO CURB PLACE ON PAVEMENT ON SIDE LEAST EXPOSED TO TRAFFIC.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

CATCH BASIN TYPE II

DATE: 02.01.04

NOTES:

- MATERIAL SHALL CONFORM TO SECTION 9-05.15 "METAL CASTINGS" OF THE "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" PUBLISHED BY THE STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER.
- THE NAME OF THE MANUFACTURE AND DIRECTION OF FLOW SHALL BE EMBOSSED ON THE TOP SURFACE OF EACH GRATE. LETTERING TO BE RECESSED 1/16".
- THE MATERIAL USED FOR THE GRATE SHALL BE DESIGNATED BY EMBASSING EITHER DI (FOR DUCTILE IRON) OR CS (FOR CAST STEEL) NEAR THE NAME OF THE MANUFACTURER.
- DIMENSIONS SHALL HAVE A +/- 1/16" TOLERANCE, EXCEPT AS NOTED.
- EDGES SHALL HAVE 1/8" RADIUS.
- WELDING IS NOT PERMITTED.
- AS AN ALTERNATE, 8 PADS 1 1/2" X 3/4" X 1/8", INTEGRALLY CAST WITH THE GRATE, MAY BE USED.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

CATCH BASIN FRAME AND GRATE/VANED GRATE

DATE: 02.01.05

NOTES:

- Footing may be omitted if business is provided per SdL Plan GSI-06a.
- Foundation subgrade shall consist of undisturbed native soils or compacted structural fill.
- Retaining wall backfill shall consist of gravel backfill for walls per WSDOT 9-03.12(2).
- Minimum concrete compressive strength (f'c) shall be 3000 psi.
- Steel reinforcing shall be A615 Grade 60 (60 ksi minimum yield strength).
- See SdL Plan GSI-06a, GSI-06b, and GSI-06c for plan and section views.
- Structural design per this sheet may only be used with SdL Plan GSI-06 series with no modifications.
- Provide corner bars shown at all horiz. reinf. in walls and footings. Lap 2'-0" with horiz. reinf. ty.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

WALLED BIORETENTION WALLS AND STRUCTURAL FOOTING

DATE: 1/14/16

Rotate 90 degrees clockwise for legibility

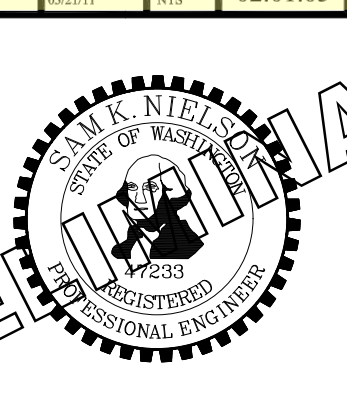
Add City Std Detail 02.02.03 02.07.01 02.07.05

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

Vertical text on the left edge of the page containing project and drawing information.



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

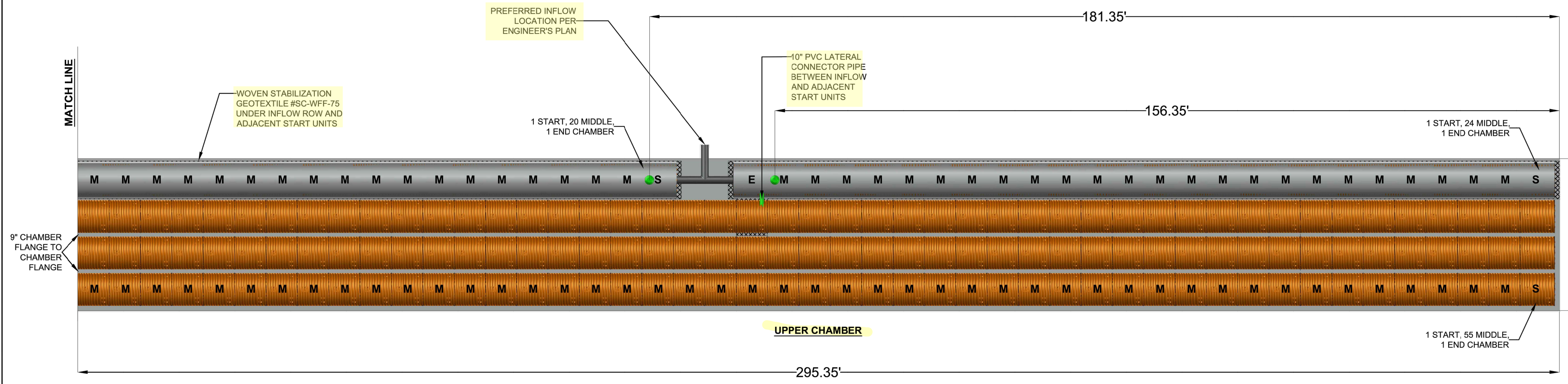
STORM DRAINAGE STANDARD DETAILS SD-10

REVISIONS	DATE	BY	DESIGNED WZG	DRAWN CLP	CHECKED DCS	APPROVED SKN

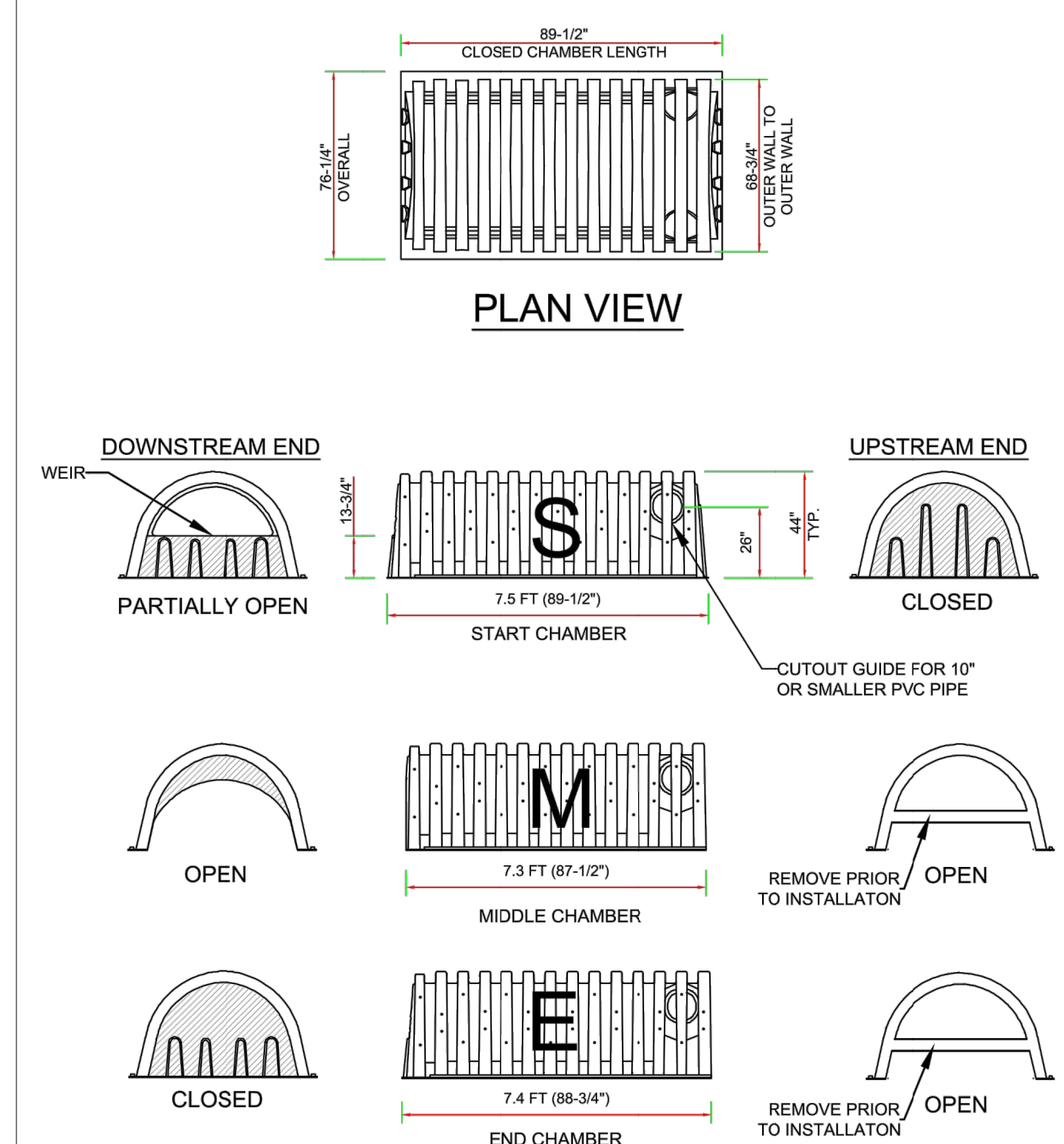
ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY. FILE NAME: Q4-P20731200C-SD-HS JOB No: 217-7312-004 DATE: MAY 2021

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.

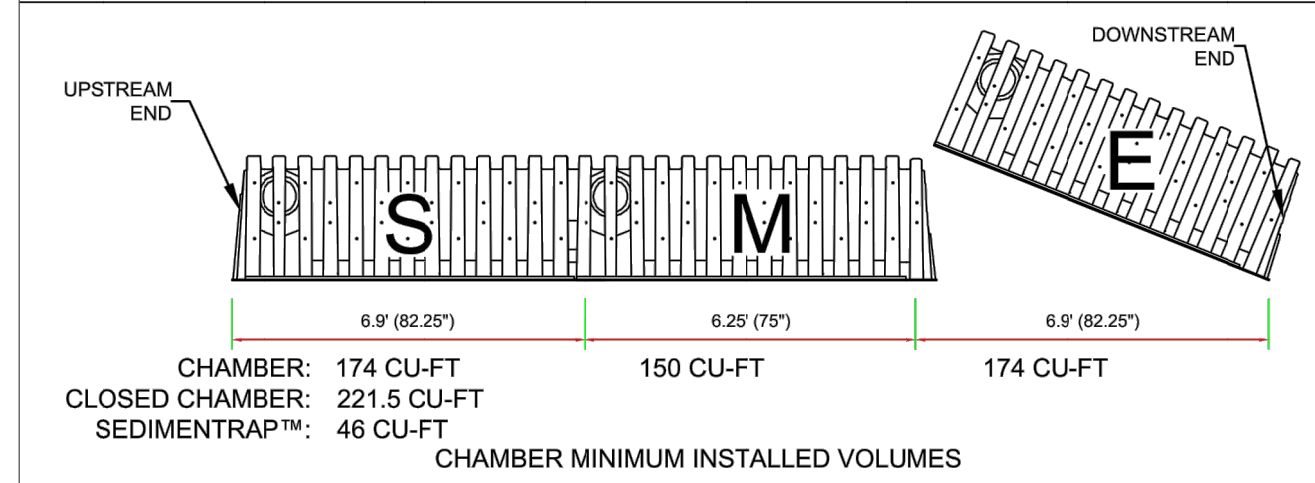
PLAN VIEW



SC-44105 DIMENSIONS
 (DIMENSIONS MAY VARY SLIGHTLY)
 WEIGHT: 120 LBS EA.



DELIVERY LENGTHS ELEVATION VIEW

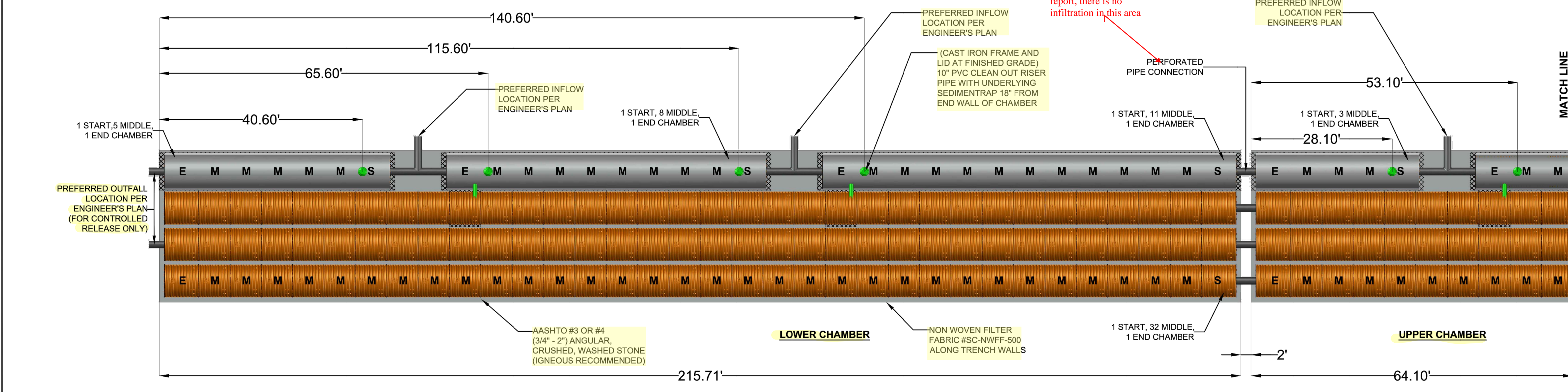


INSTALLED LENGTHS ELEVATION VIEW



MATERIAL LIST

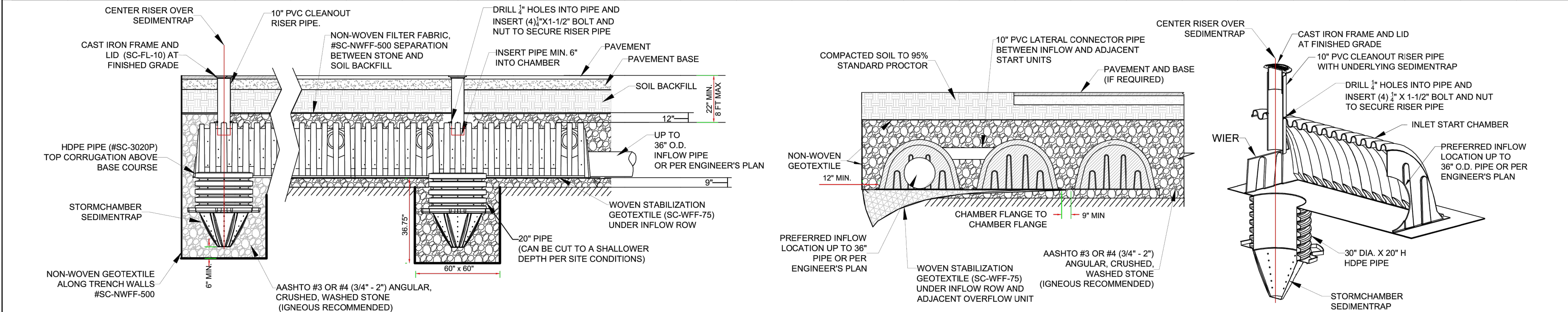
DESCRIPTION	STOCK CODE	QTY	UNITS
CHAMBERS AND ACCESSORIES:			
START CHAMBER	SC-44105-S-O	12	EACH
MIDDLE CHAMBER	SC-44105-M-O	332	EACH
END CHAMBER	SC-44105-E-O	12	EACH
CLOSED CHAMBER	SC-44105-C-O	N/A	EACH
SEDIMENTRAP™	SC-ST	8	EACH
NON-WOVEN GEOTEXTILE	SC-NWFF-500	13	SQ FT
WOVEN STABILIZATION GEOTEXTILE	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



TYPICAL SIDE VIEW

TYPICAL FRONT VIEW

START CHAMBER CUTAWAY



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

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

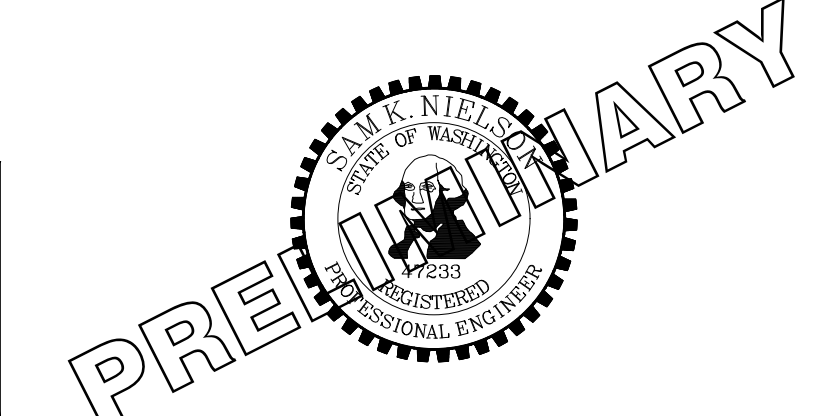


SC-44105 STORMCHAMBER LAYOUT
 MEETS OR EXCEEDS ASTM F2922 AND ASTM F2787

NOTE: SYMBOLS NOT TO SCALE
 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: 04-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&TC\parkingExpansion\09B5vca\0400.DWG
 PLOTTED BY: petlitrus DATE: Tuesday, May 18, 2021 11:45:00 AM



Know what's below.
Call before you dig.

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: _____

SCALE IN FEET
VOID AFTER 180
DAYS FROM APPROVAL DATE.

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

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

LEGEND:

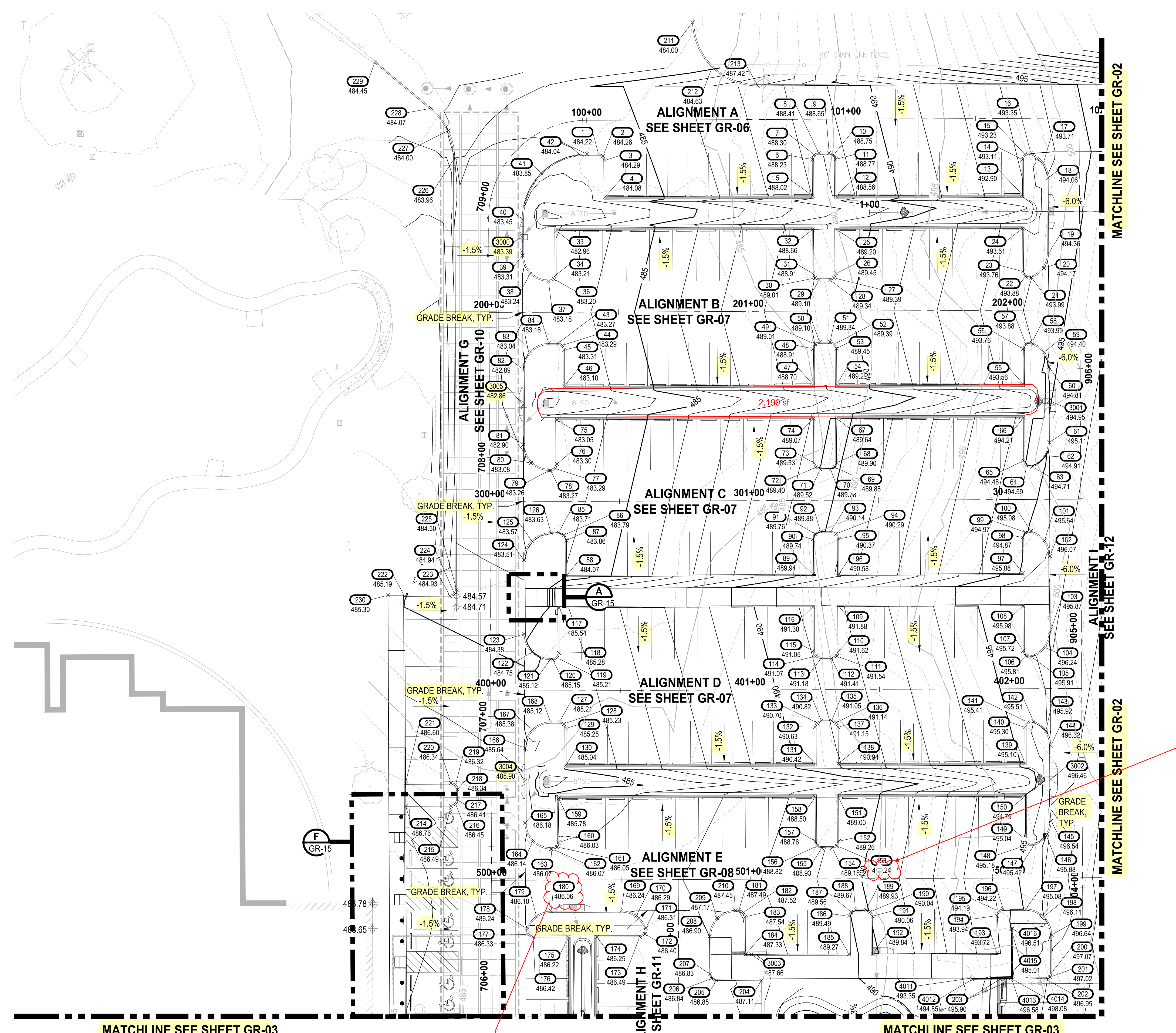
- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
- PROPERTY BOUNDARY
- CUT LIMITS
- FILL LIMITS

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.

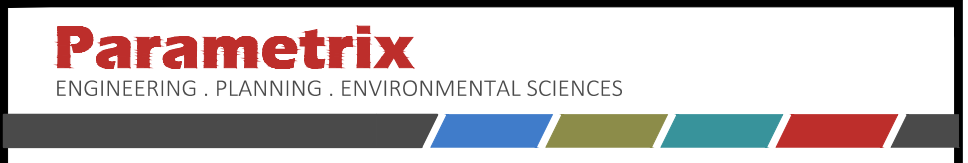
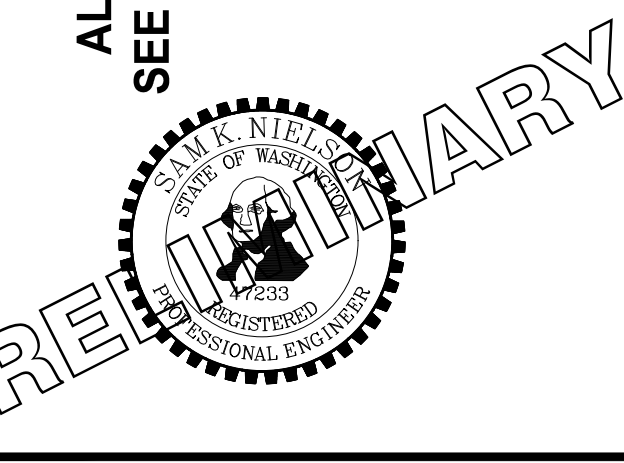


Readability

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

MATCHLINE SEE SHEET GR-03

Confirm...below CB rim



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

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: Q3-PS0731200C-GR
JOB No: 217-7312-004
DATE: MAY 2021

GRADING PLAN

DRAWING NO.
31 OF 70

GR-01



Know what's below.
Call before you dig.

APPROVED
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES
NOTE: SCALE IN FEET IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE 20 Y WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS APPROVED BY THE ENGINEERING MANAGER.

LEGEND:

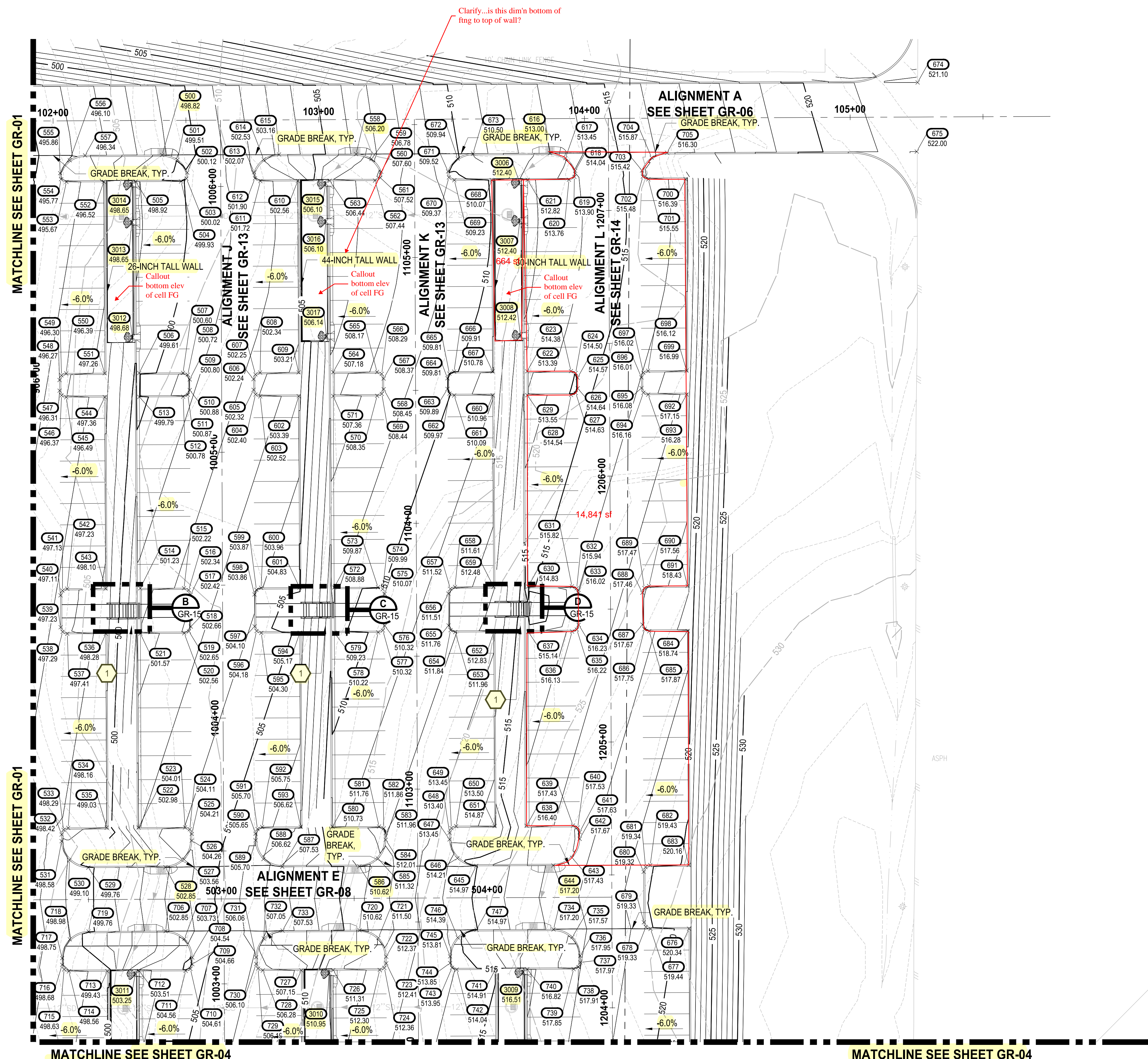
- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
- PROPERTY BOUNDARY
- CUT LIMITS
- FILL LIMITS

GENERAL NOTE:

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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.

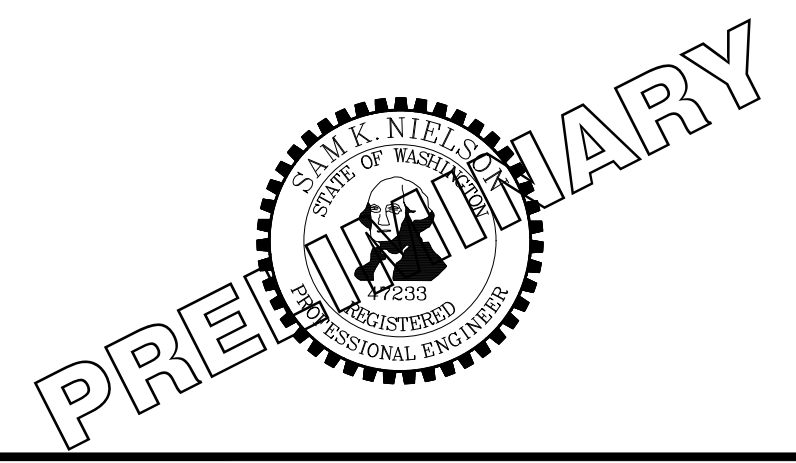


LAYOUT: GR-02 PATH: U:\P50\Projects\Cheris\7312-004_SHB&TParkingExpansion\98\Drawings\CA00\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:06 AM

NO.	REVISIONS	DATE	BY	DESIGNED	WZG

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

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.
GR-02

32 OF 70

NOTE: SYMBOLS NOT TO SCALE

100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

MATCHLINE SEE SHEET GR-01

MATCHLINE SEE SHEET GR-01

Clarify...is this the bottom area?
If not, callout min. bottom area.



Know what's below.
Call before you dig.

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

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 APPROVED BY THE ENGINEERING MANAGER.

SCALE IN FEET

LEGEND:

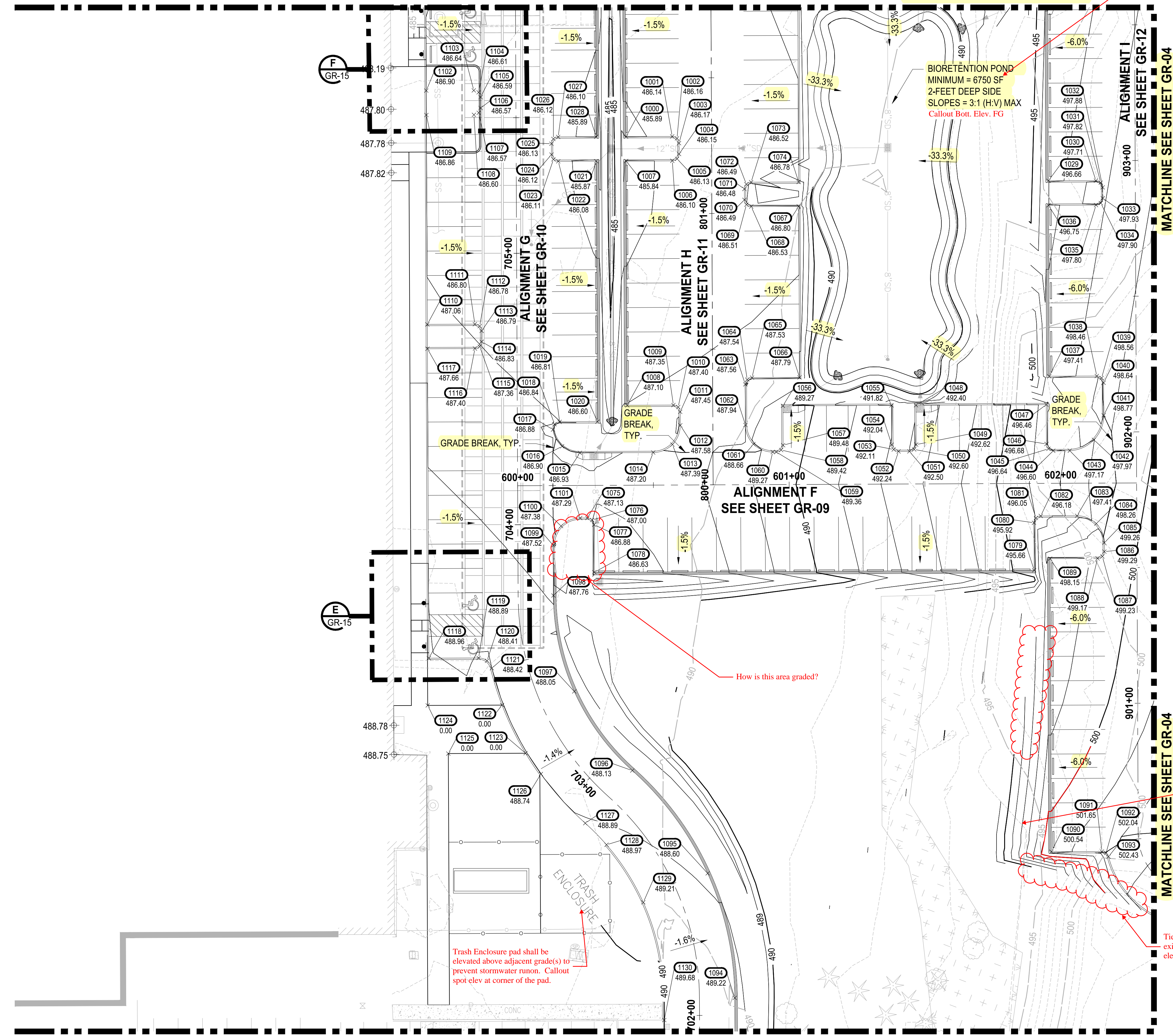
- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
- PROPERTY BOUNDARY
- CUT LIMITS
- FILL LIMITS

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.



Trash Enclosure pad shall be elevated above adjacent grade(s) to prevent stormwater runoff. Callout spot elev at corner of the pad.

How is this area graded?

Callout slope (H:V)

Provide letter from the geotechnical engineer that it is acceptable to discharge stormwater across this slope. Geotechnical engineer shall acknowledge anticipated 100-yr flow and provide any recommendations for slope stability and prevention of erosion. (Ref. CS Section 502.4 and Ecology BMP T5.12)

Tie new contours to exist'g at the correct elevation (typ)

MATCHLINE SEE SHEET GR-05

MATCHLINE SEE SHEET GR-05

LAYOUT: GR-03 P:\Path: U:\P50\Projects\217-7312-004 SH&T\CParkingExpansion\98\Sves\CAD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 12:01:42 PM

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			WZG	RLP	DCS	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

NOTE:
SYMBOLS NOT TO SCALE

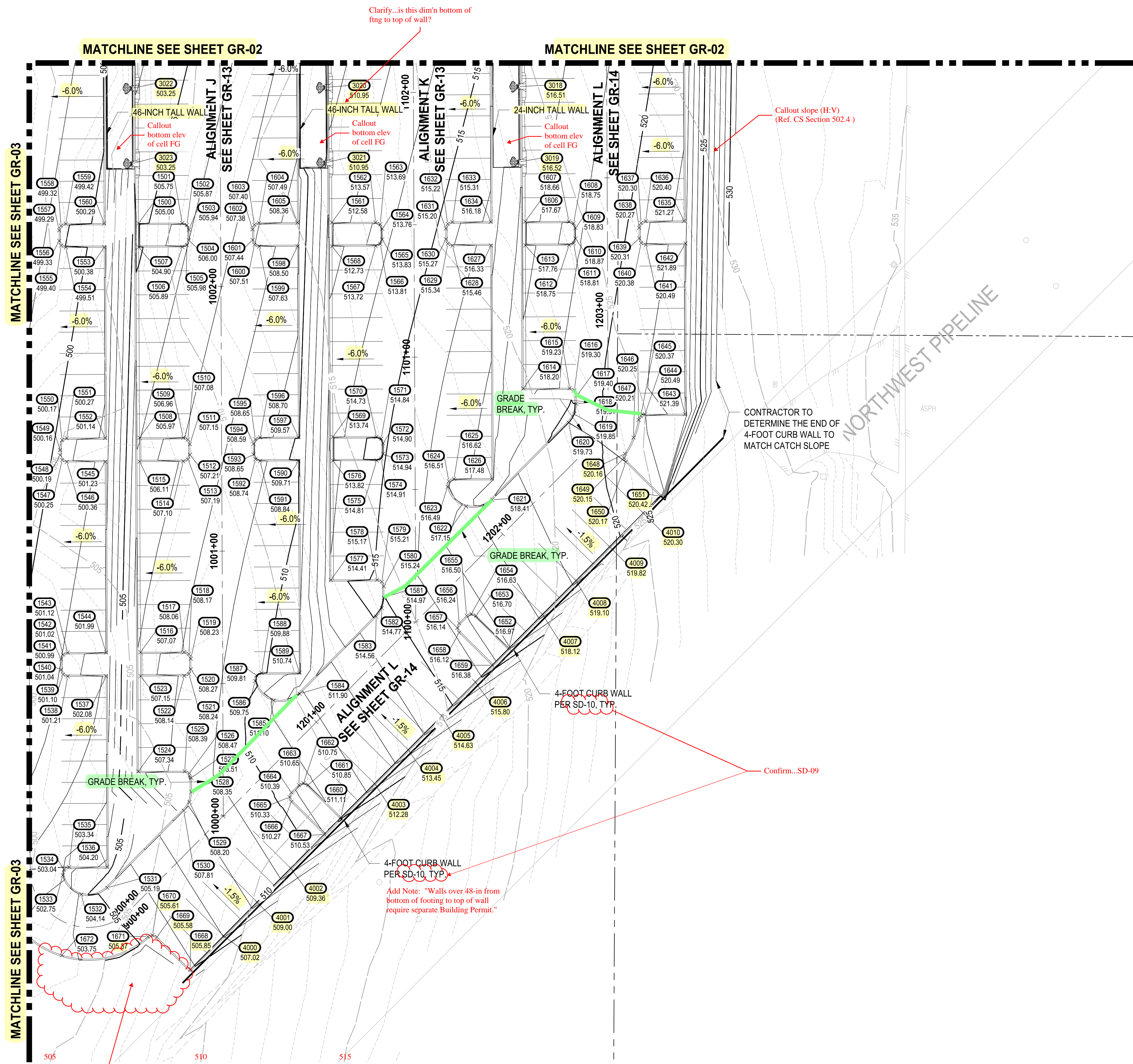
**100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

GRADING PLAN

DRAWING NO.
GR-03

33 OF 70

LAYOUT: GR-04 PATH: U:\P50\Projects\217-7312-004_SIB&TParkingExpansion\98\Sves\CA00\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:22 AM



Know what's below. Call before you dig.

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 APPROVED BY THE ENGINEERING SUPERVISOR.

LEGEND:

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

GENERAL NOTE:

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CONSTRUCTION NOTE:

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2. CONSTRUCT STAIRS AND HAND RAIL PER DETAIL ON SHEET GR-15.

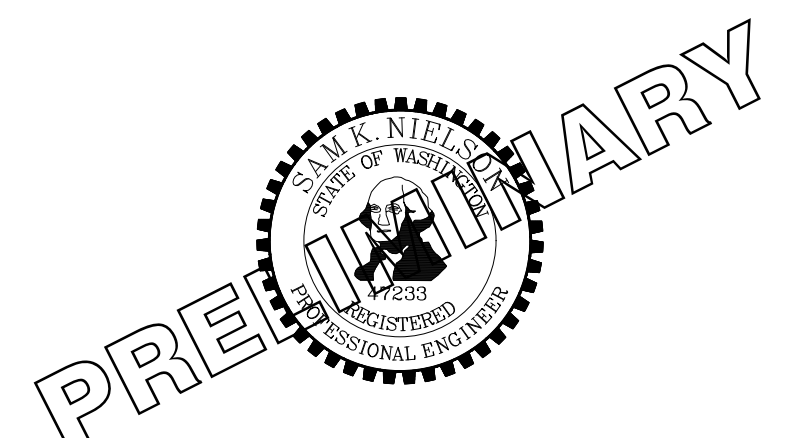
NOTE:
SYMBOLS NOT TO SCALE

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

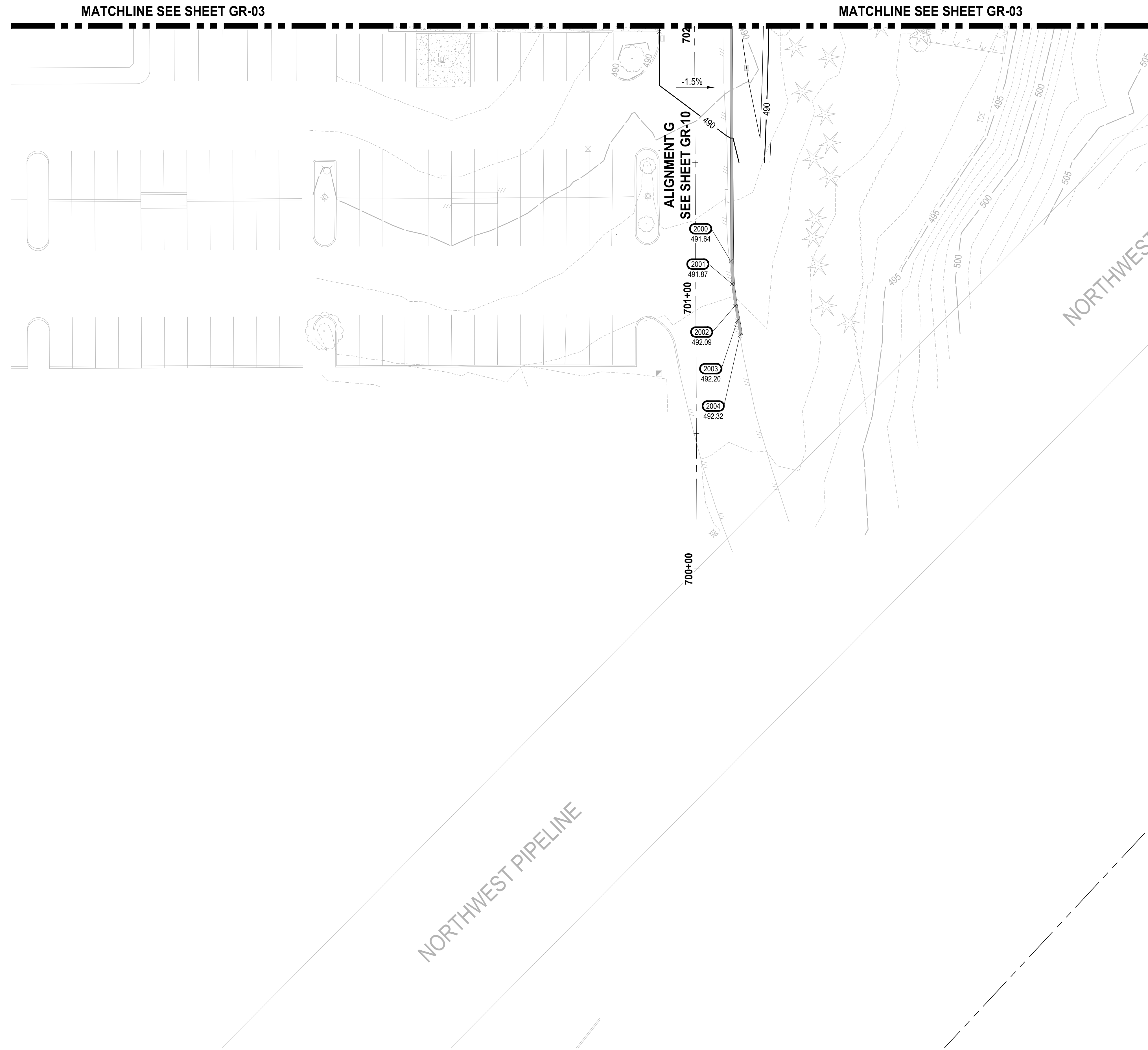


PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

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



Know what's below.
Call before you dig.

SCALE IN FEET
0 10 20 30 40 50

APPROVED
BY: [Signature]
CITY OF PUYALLUP
DEVELOPMENT SERVICES
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 MANAGER.

LEGEND:

- EXISTING MAJOR CONTOUR LINE
- - - EXISTING MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- ROADWAY CENTERLINE
- - - PROPERTY BOUNDARY
- - - C CUT LIMITS
- - - F FILL LIMITS

GENERAL NOTE:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
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3. TYPICAL ROAD SECTIONS ARE SHOWN ON SHEET TS-01.
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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

100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			WZG
			RLP
			DCS
			SKN

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**
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.
Call before you dig.

APPROVED

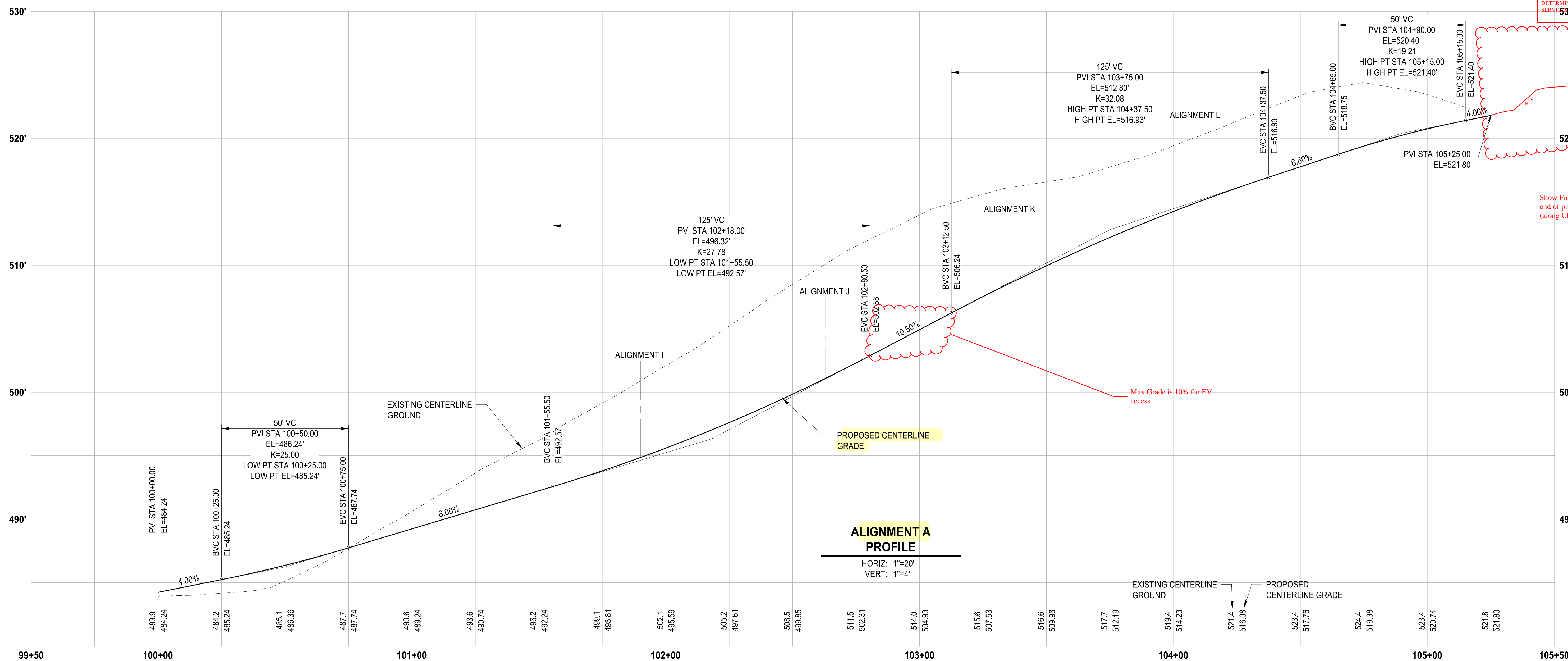
BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

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.



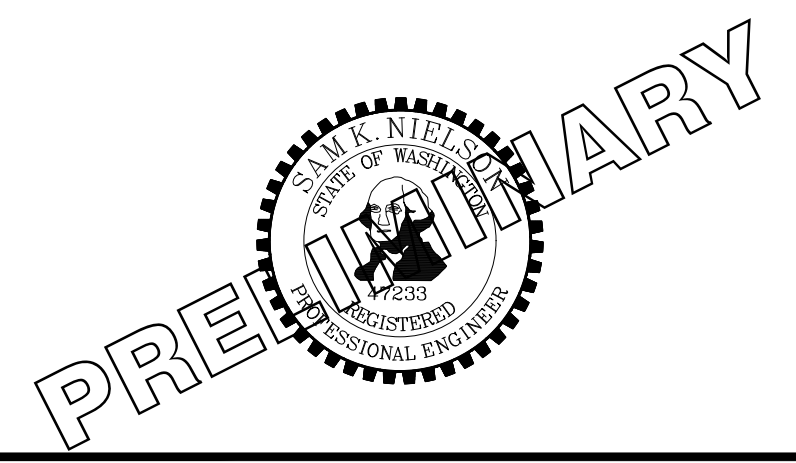
Show Finish Grades to end of project limits (along CL alignment)

LAYOUT: GR-06 PATH: U:\P50\Projects\Clients\7312-Benaroya\217-7312-004 SH&T\ParkingExpansion\98\8\Drawings\CADD\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:33 AM

REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			RLP
			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 A PROFILE

DRAWING NO.
36 OF 70

GR-06



Know what's below.
Call before you dig.

APPROVED

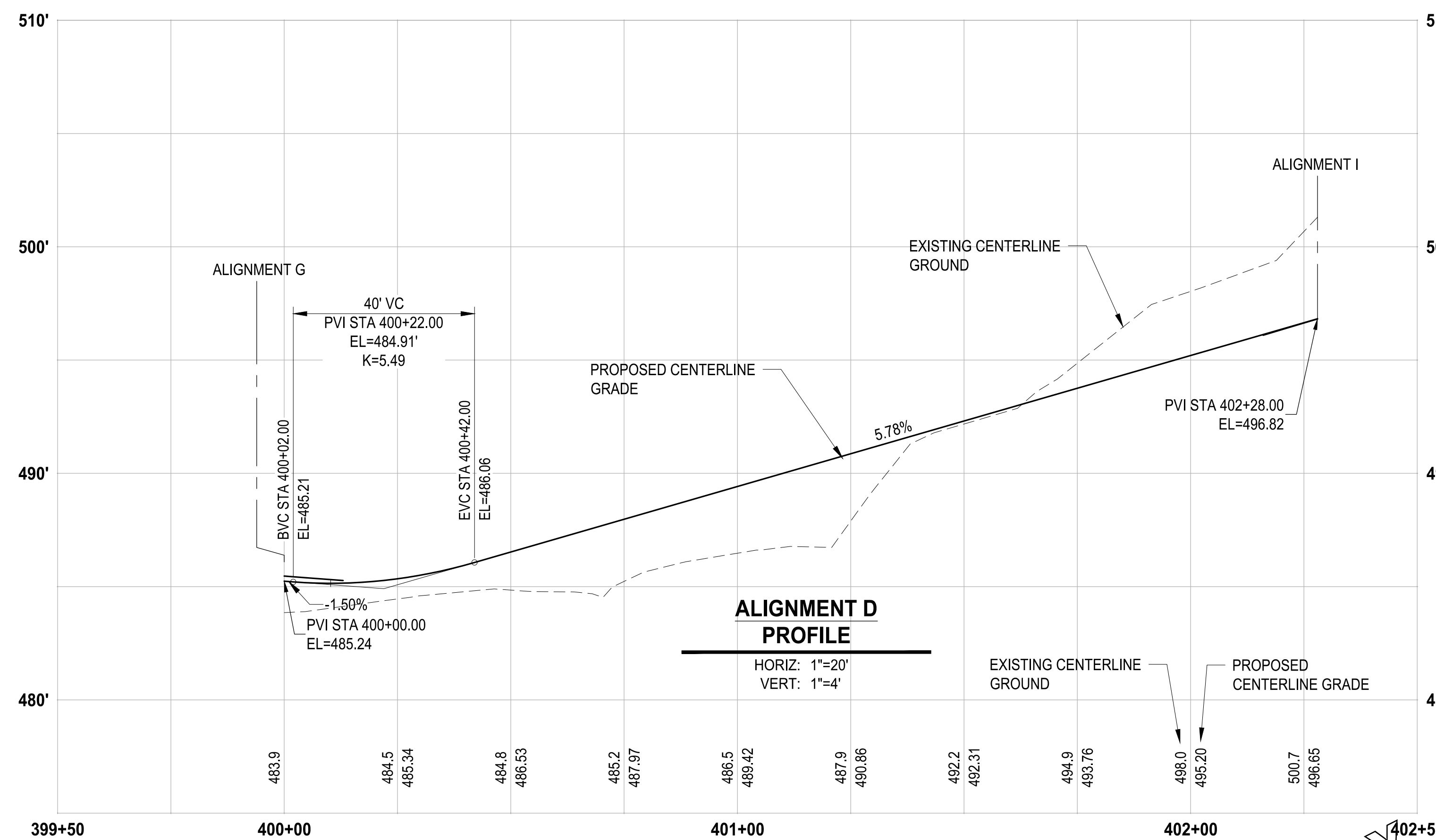
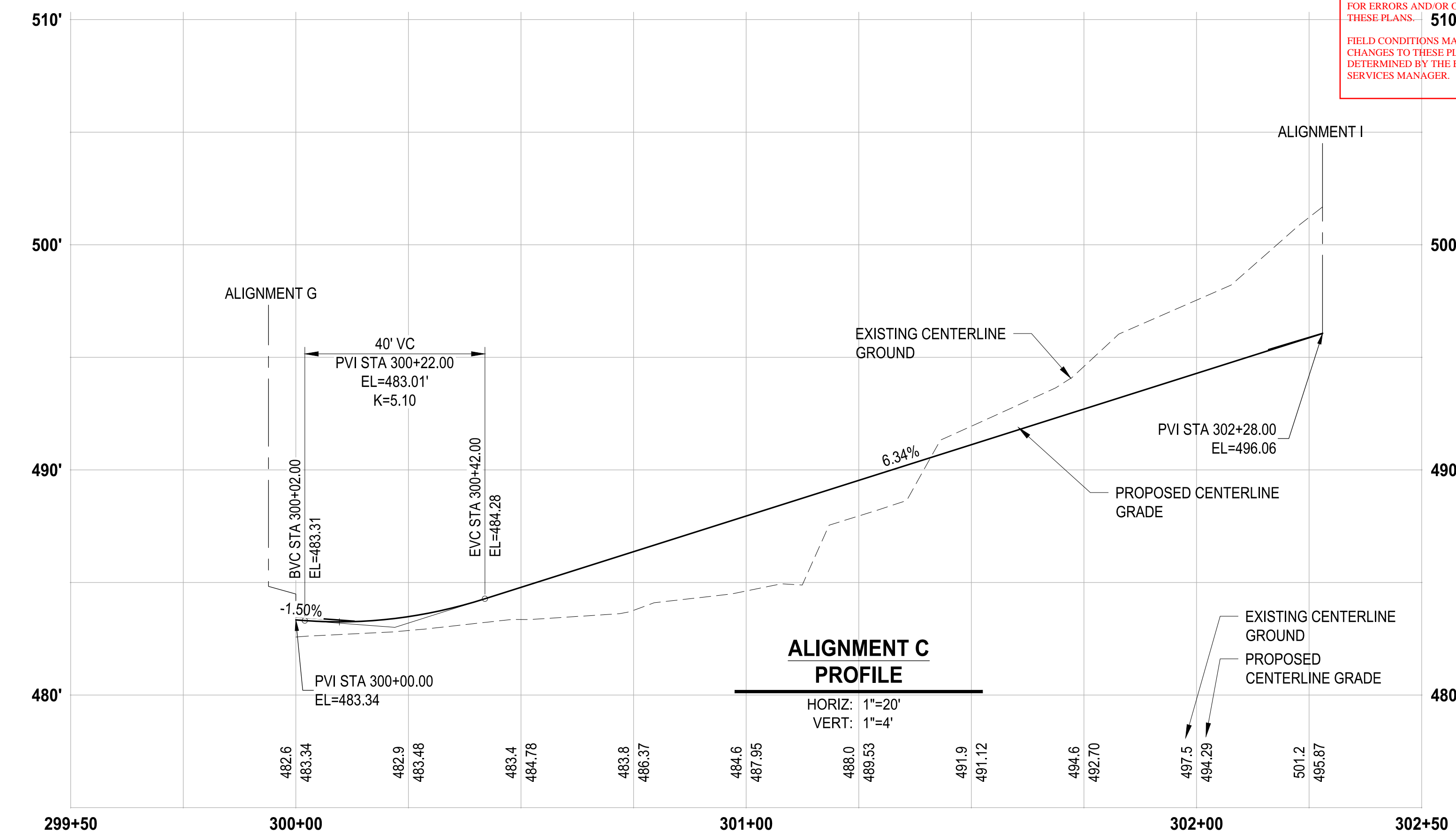
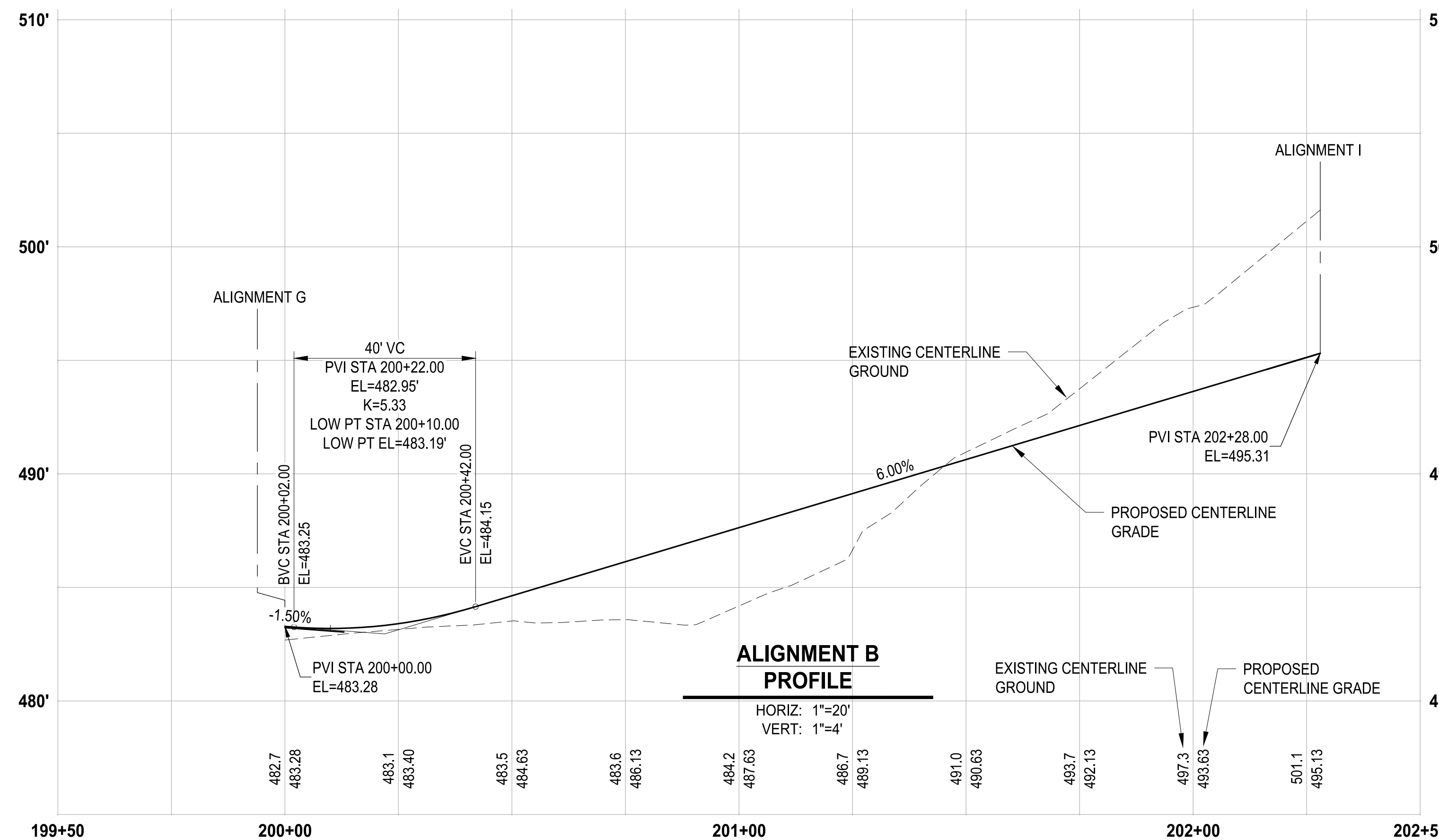
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

NOTE:
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DAYS FROM APPROVAL DATE.

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DETERMINED BY THE ENGINEERING
SERVICES MANAGER.



NOTE:
SYMBOLS NOT TO SCALE

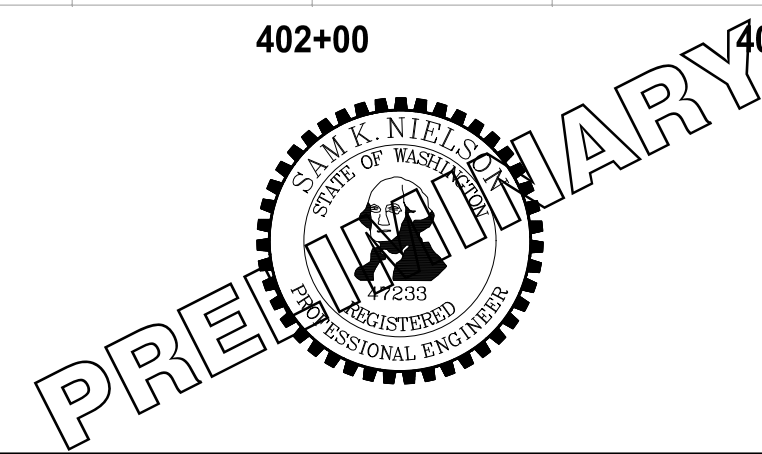
100% REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

LAYOUT: GR-07 PATH: U:\P50\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TParkingExpansion\98\Sves\CADD\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-PS0731200C-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

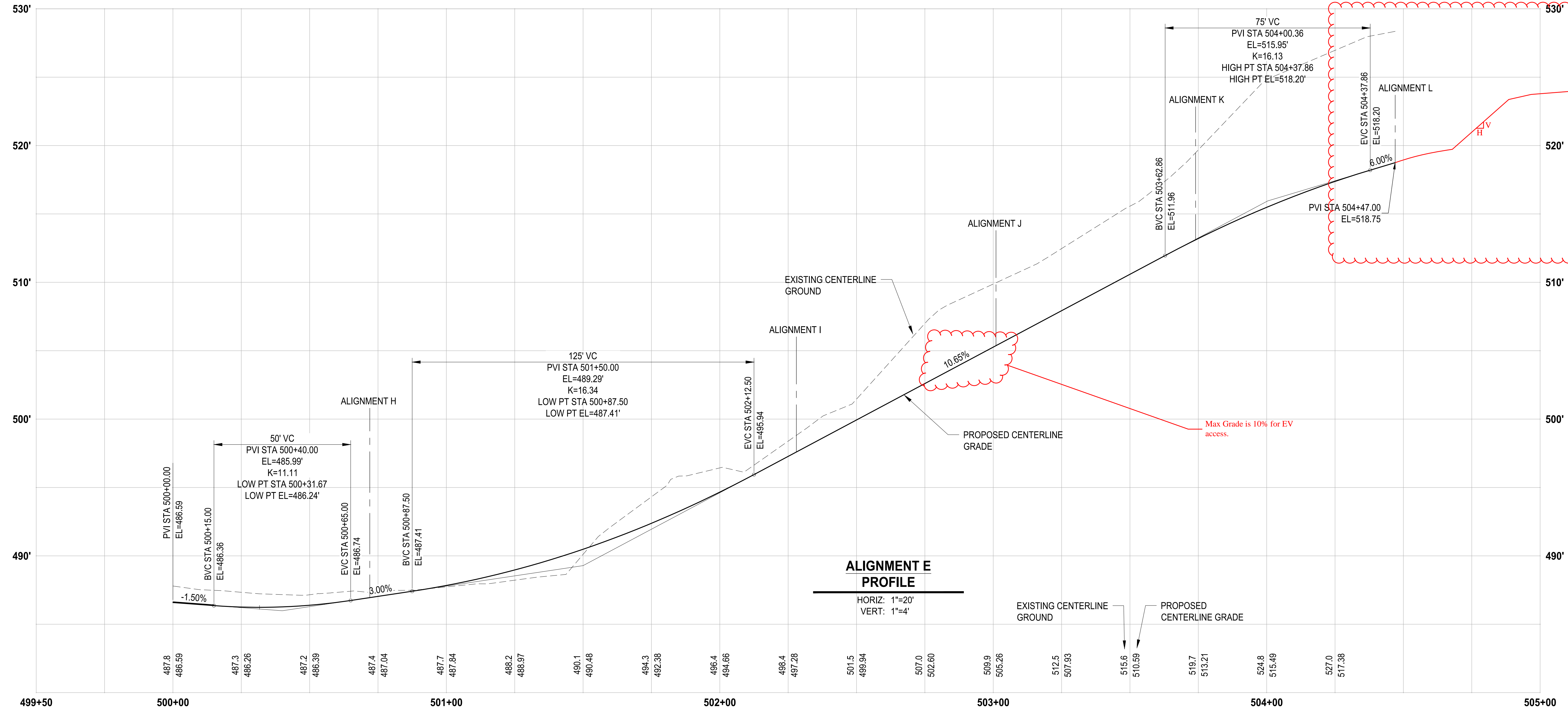
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

NOTE:
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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.



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\TParkingExpansion\98\Sves\CADD\DWG PLOTTED BY: petrus 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:\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**

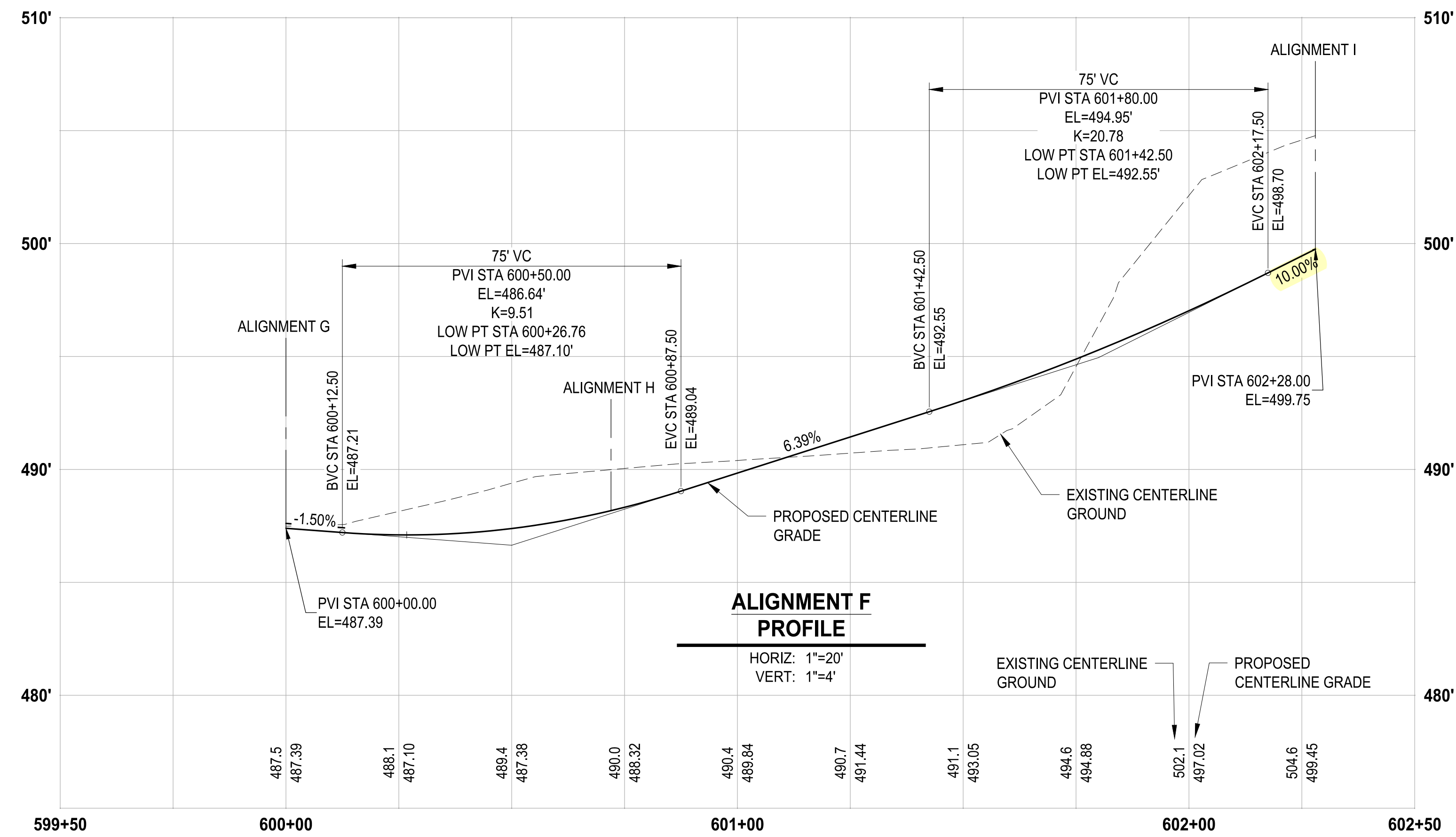
ALIGNMENT E PROFILE

DRAWING NO.
38 OF 70

GR-08



Know what's below.
Call before you dig.

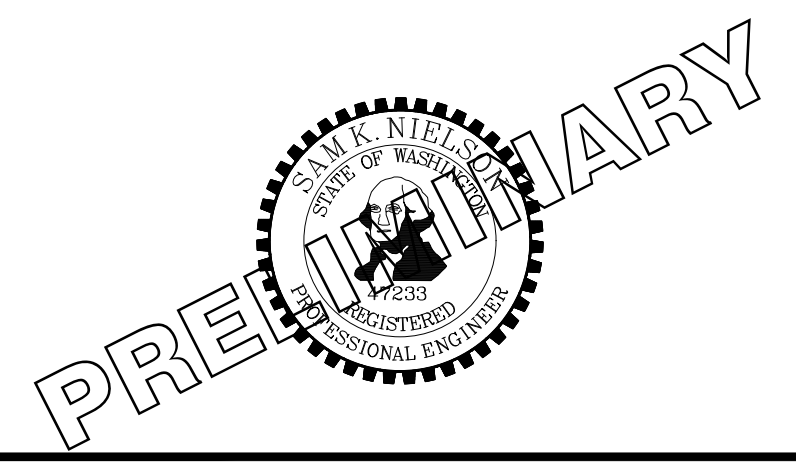


LAYOUT: GR-09 PATH: U:\P50\Projects\Clients\7312-Benaroya\217-7312-004-SHB&TCParkingExpansion\98\Sves\Cadd\DWG PLOTTED BY: peltrius DATE: Tuesday, May 18, 2021 11:44:43 AM

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**

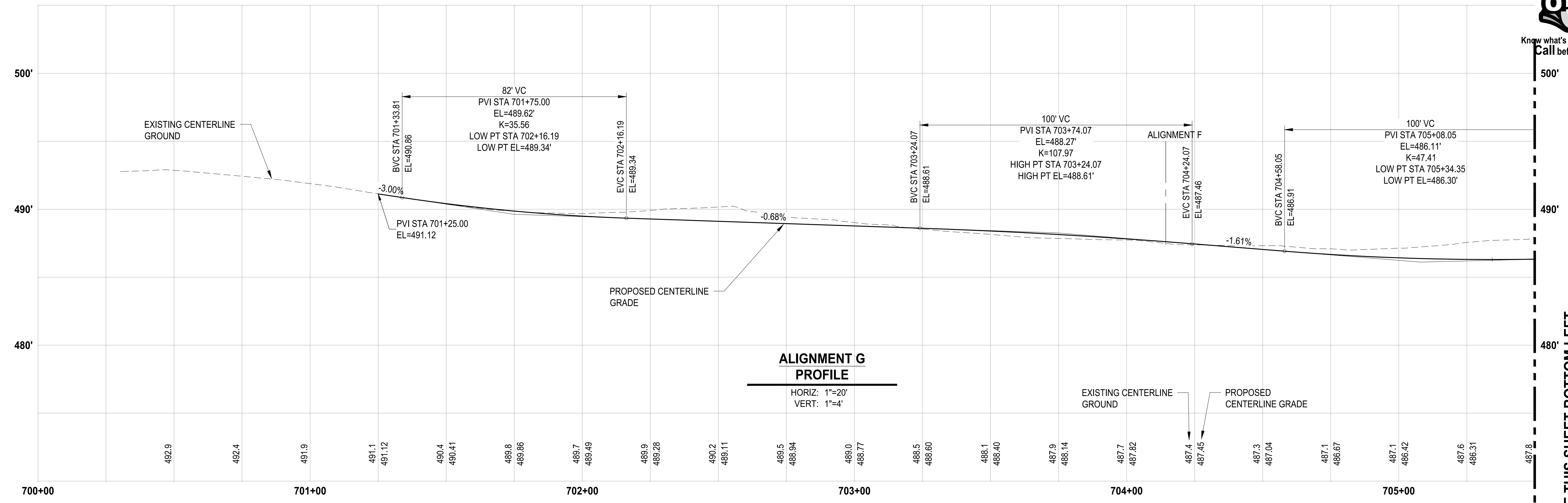
ALIGNMENT F PROFILE

DRAWING NO.
39 OF 70

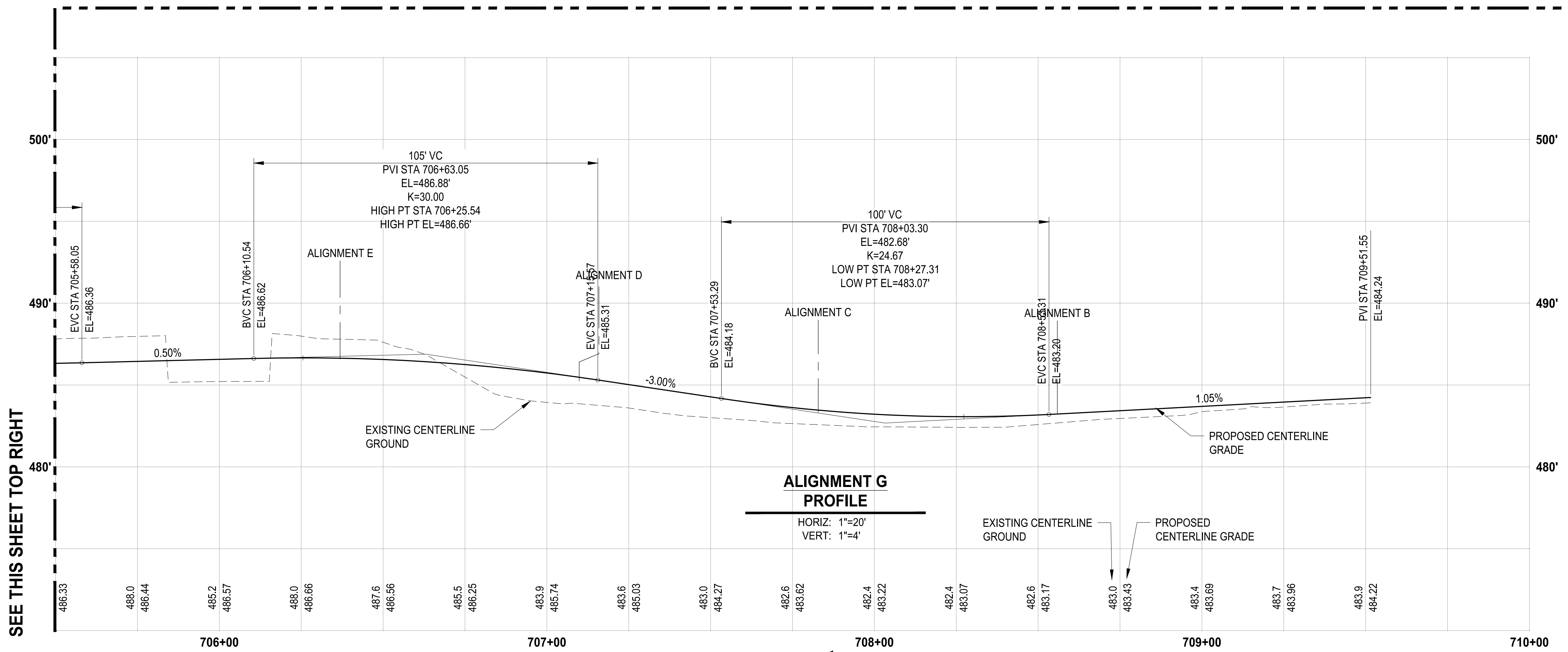
GR-09



Know what's below.
Call before you dig.



SEE THIS SHEET BOTTOM LEFT



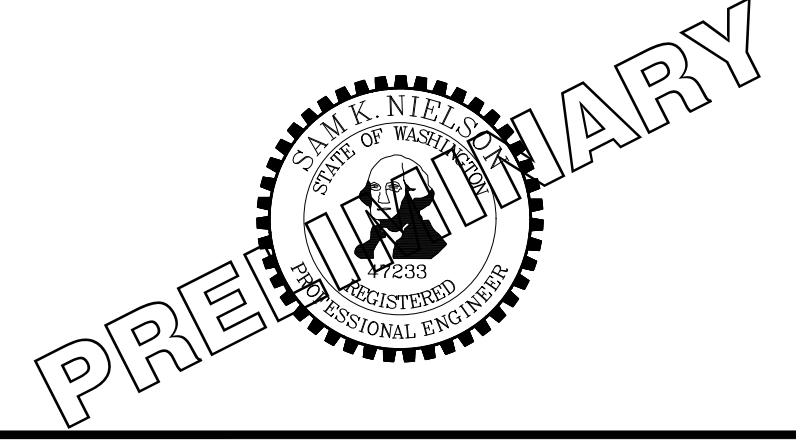
SEE THIS SHEET TOP RIGHT

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

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

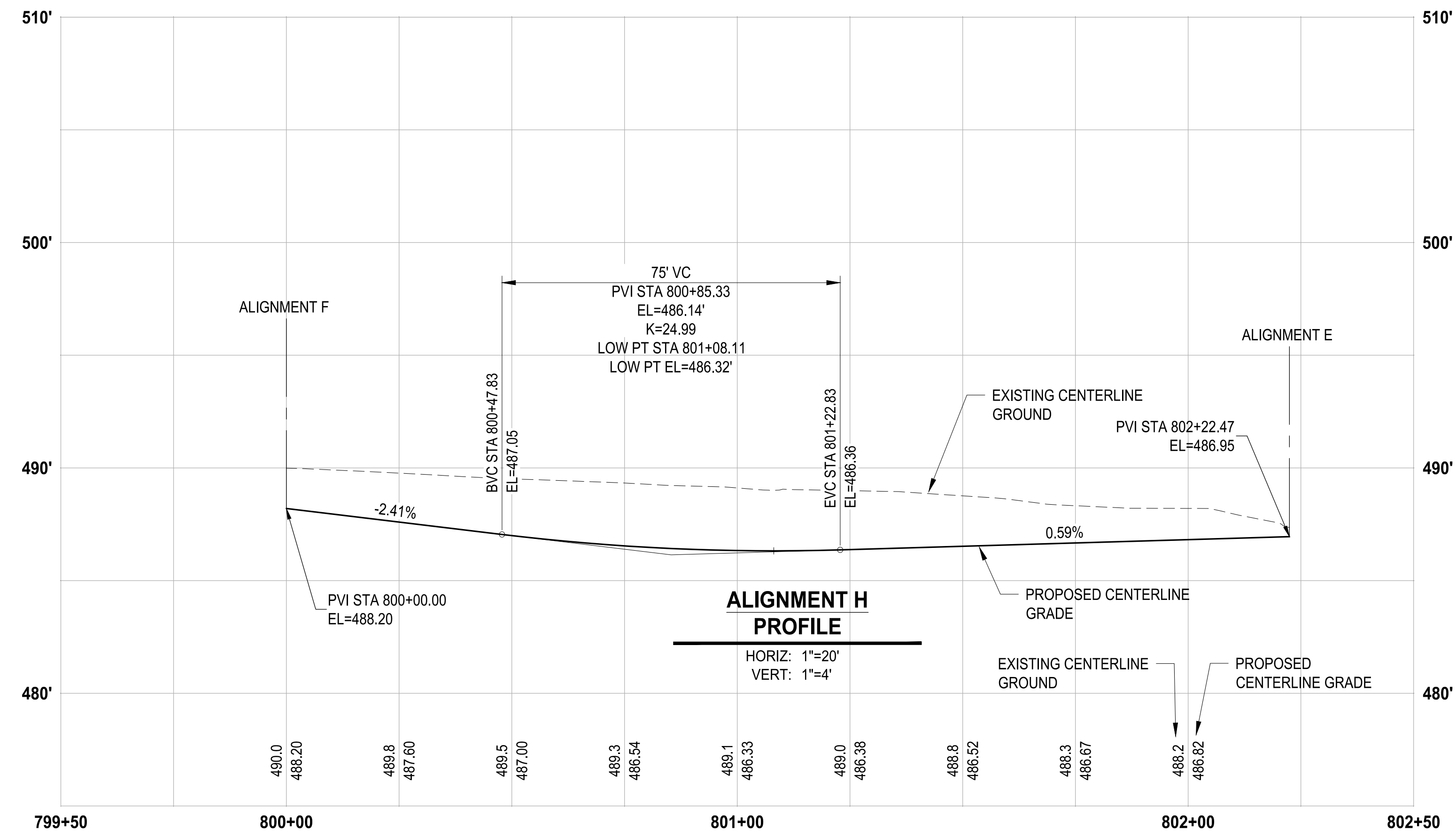
BY: CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE:

NOTE:
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DAYS FROM APPROVAL DATE.

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.



PATH: u:\p\30\Projects\Clients\312-Benaroya\217-7312-004-SHB&TC-ParkingExpansion\985vcs\CADD\DWG...
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

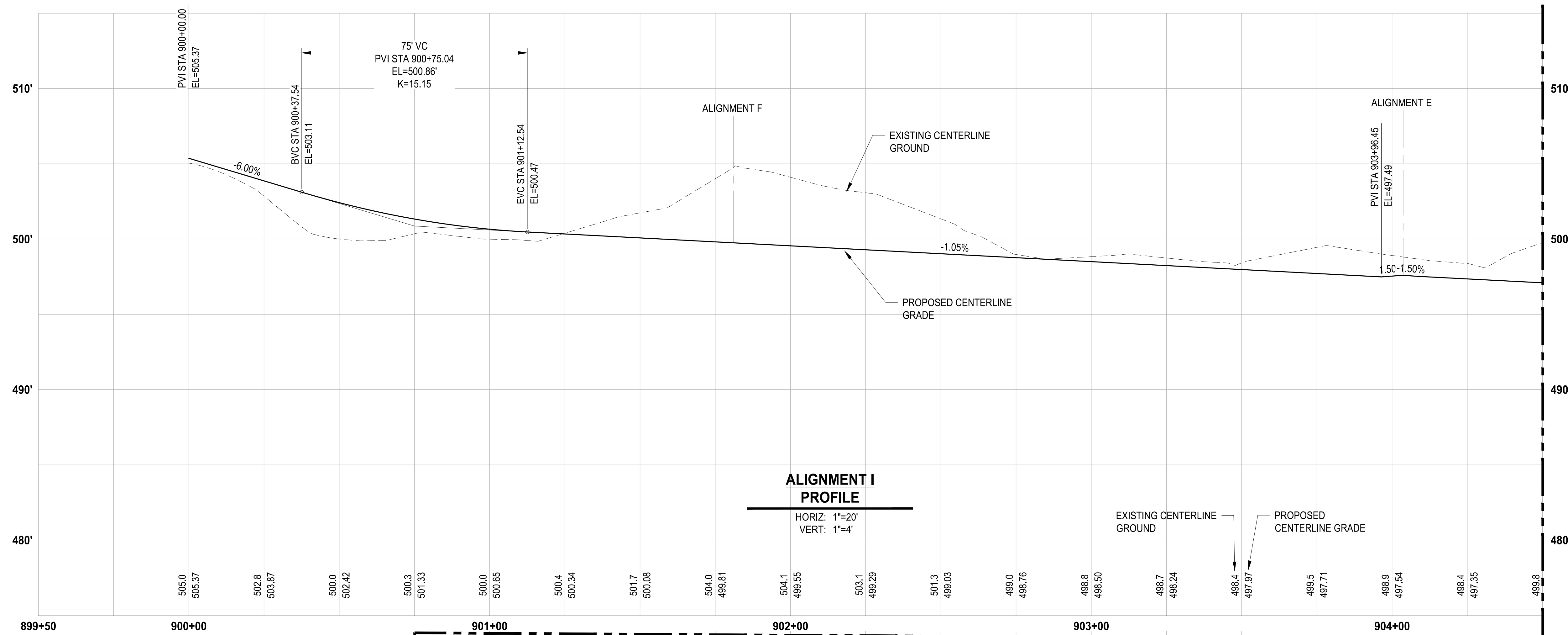
**100 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

ALIGNMENT H PROFILE

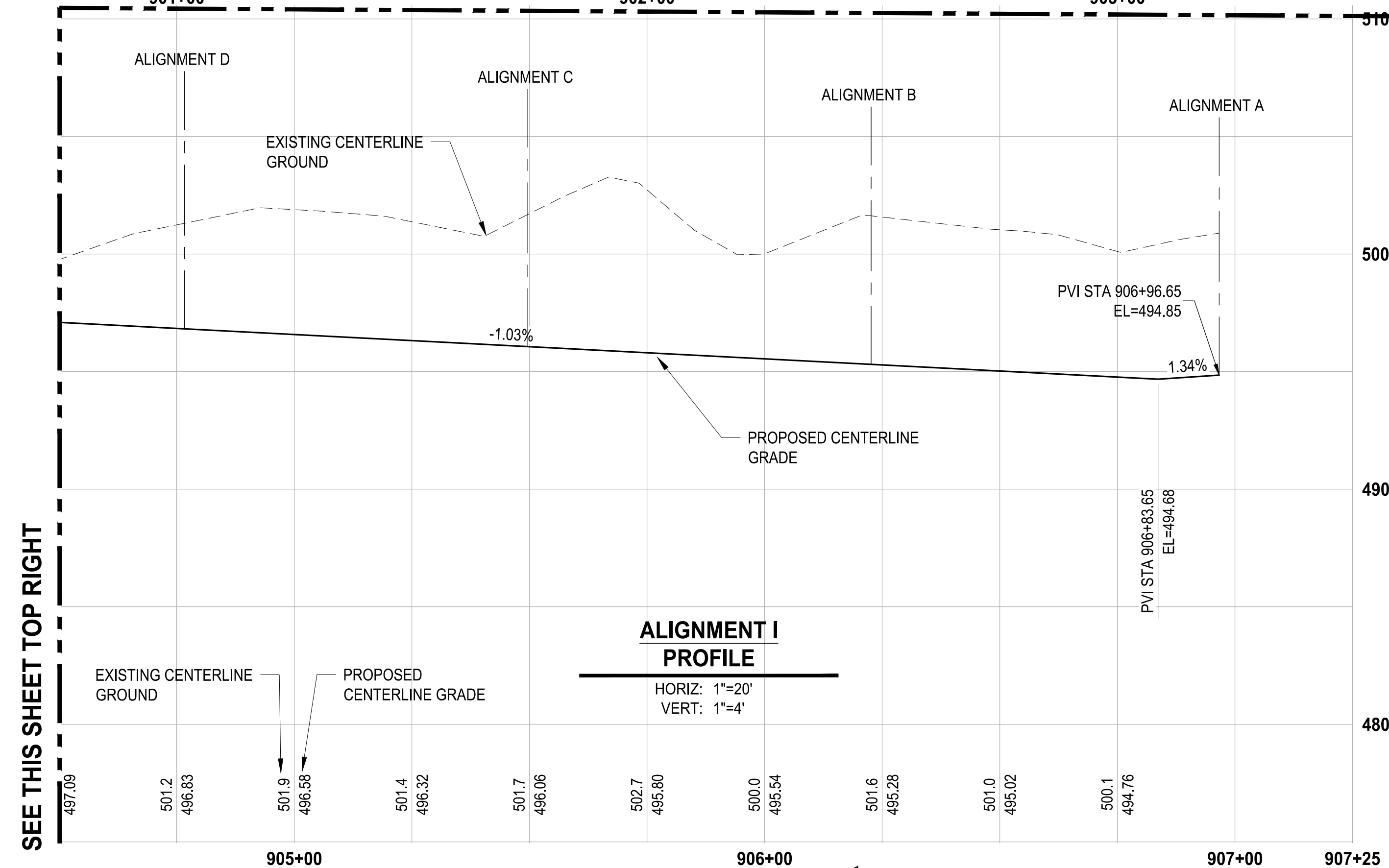
DRAWING NO.
41 OF 70
GR-11



Know what's below.
Call before you dig.



SEE THIS SHEET BOTTOM LEFT



SEE THIS SHEET TOP RIGHT

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

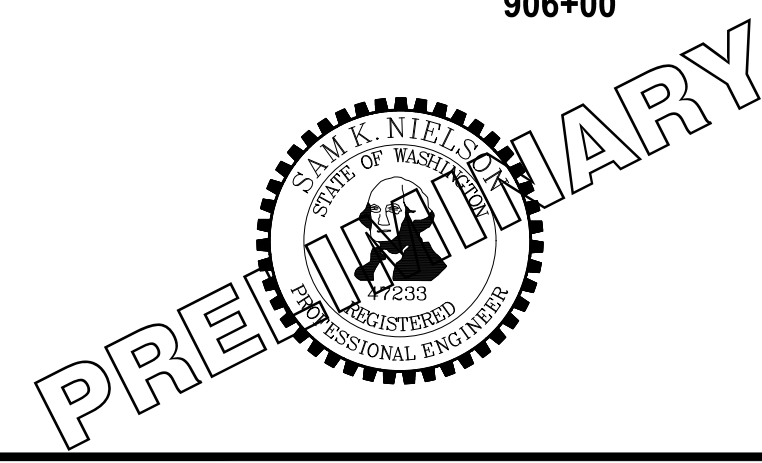
REVISIONS	DATE	BY	DESIGNED
			WZG
			DRAWN
			FLP
			CHECKED
			DCS
			APPROVED
			SKN

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

FILE NAME
D:\PSD\731200C-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**

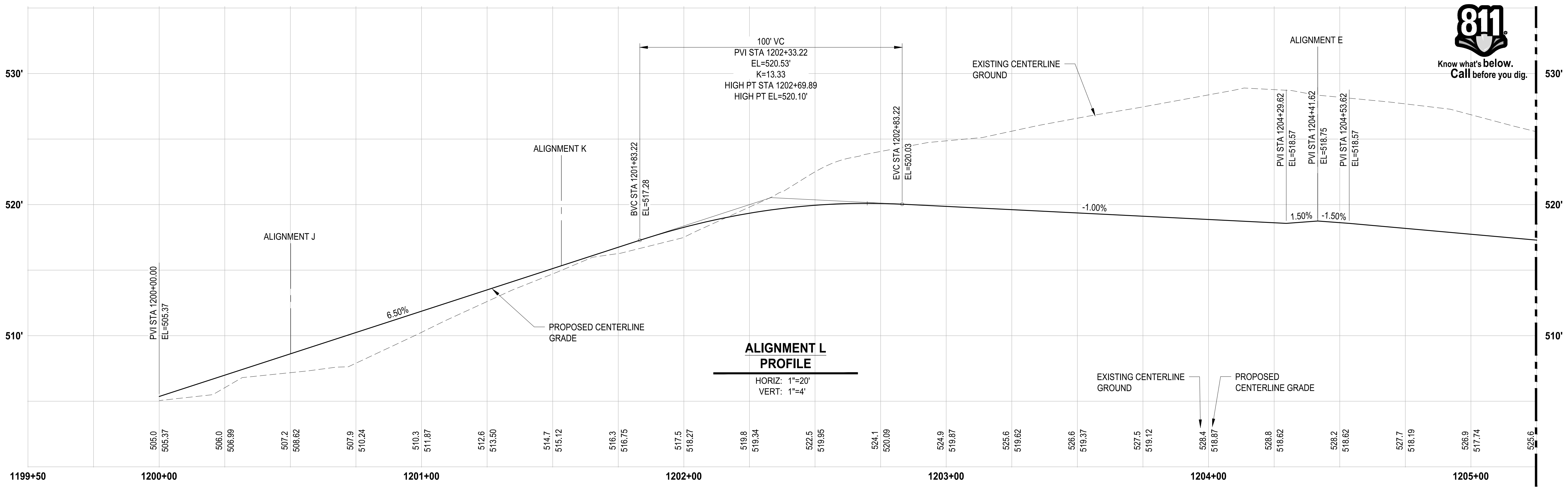
ALIGNMENT I PROFILE

GR-12

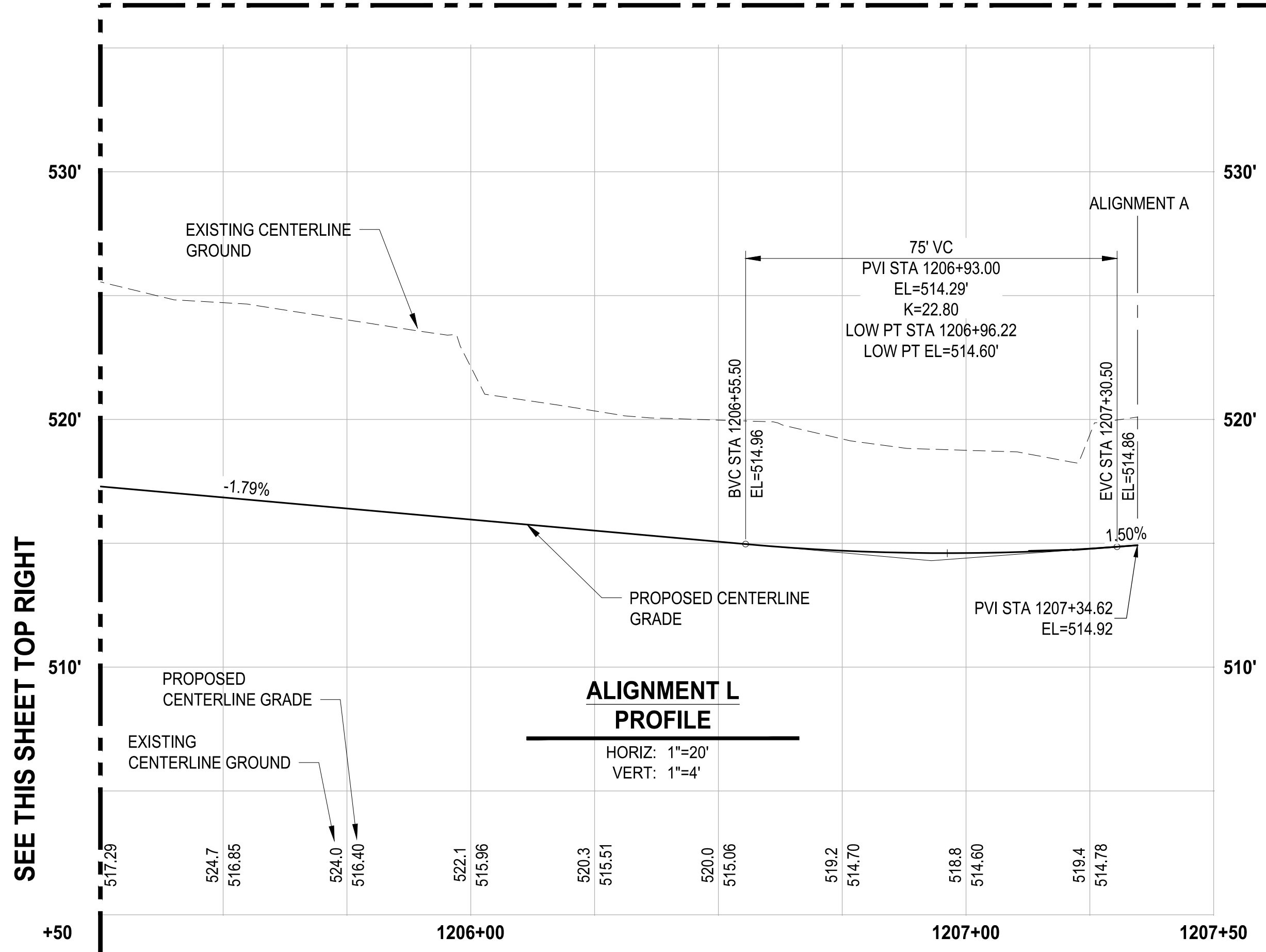
DRAWING NO.
42 OF 70



Know what's below.
Call before you dig.



SEE THIS SHEET BOTTOM LEFT



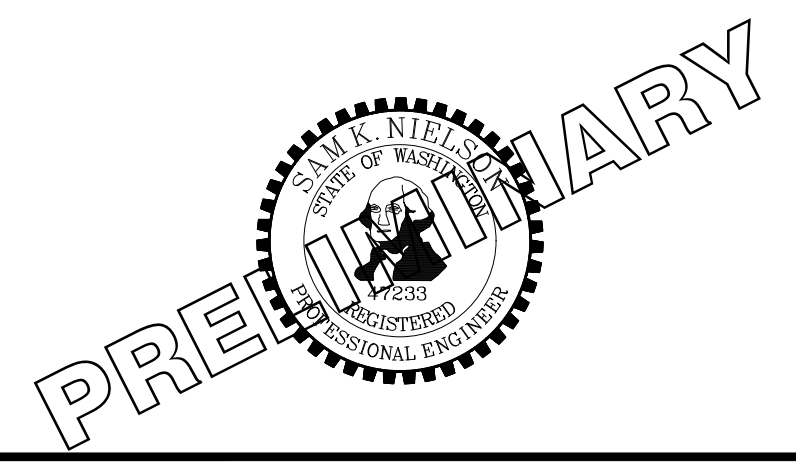
SEE THIS SHEET TOP RIGHT

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

LAYOUT: GR-14 PATH: U:\PSD\Projects\Clients\7312-Benaroya\217-7312-004 SHB&T\ParkingExpansion\995\CAADD\DWG PLOTTED BY: petrus DATE: Tuesday, May 18, 2021 11:45:16 AM

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 MINOR CONTOUR LINE
 - PROPOSED MAJOR 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.
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 - TYPICAL ROAD SECTIONS ARE SHOWN ON SHEET TS-01.
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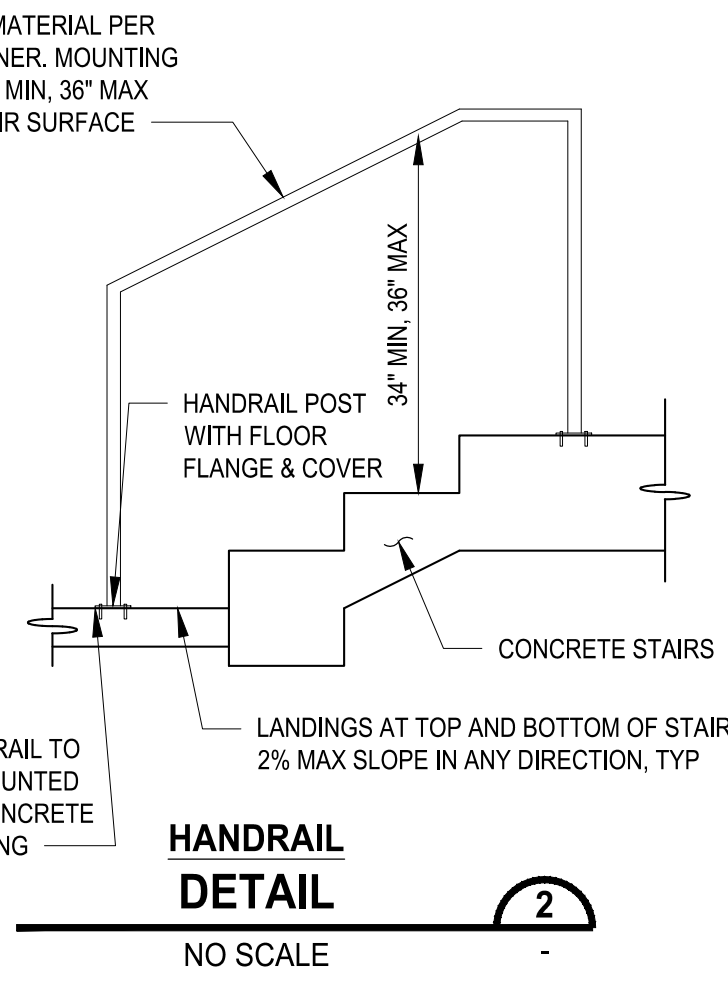
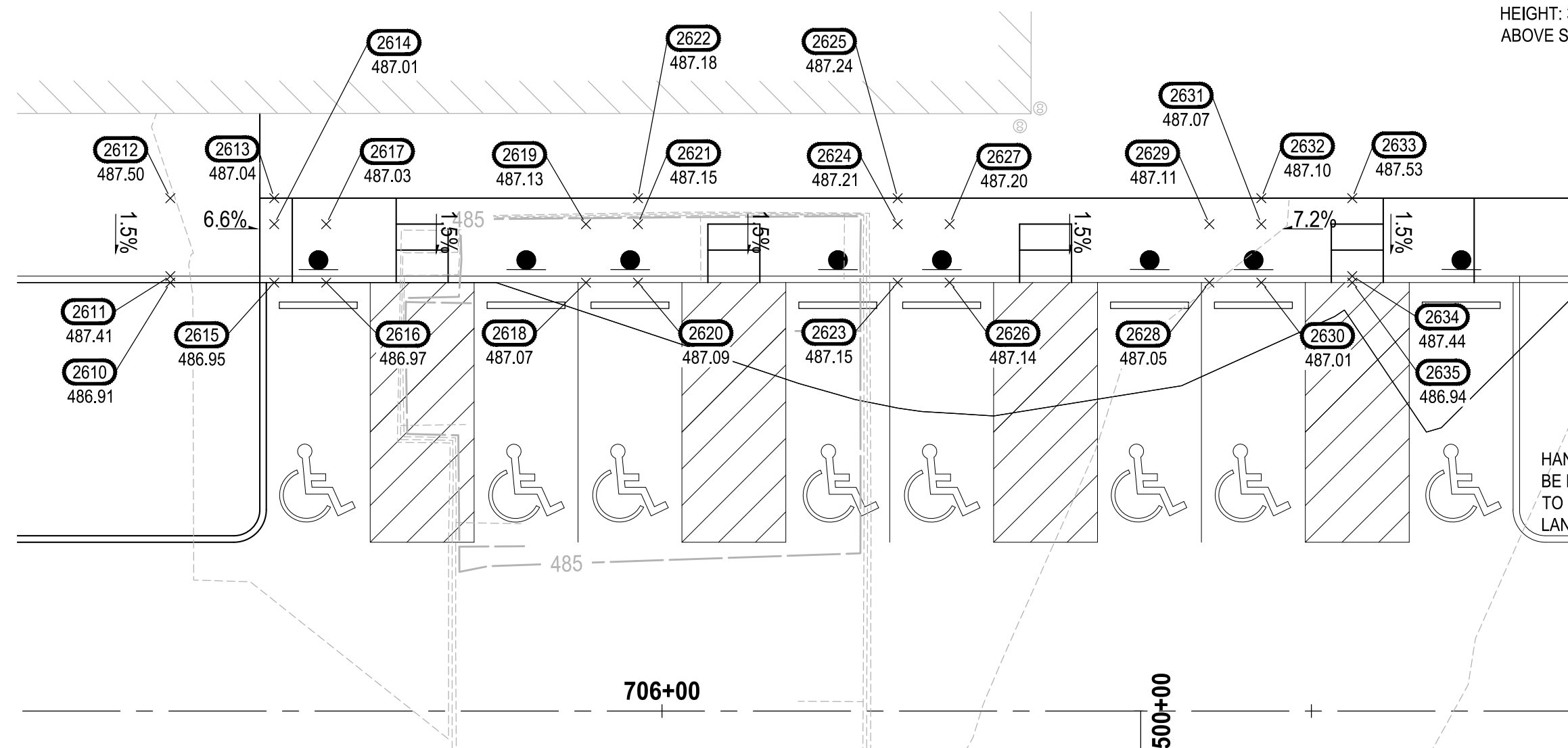
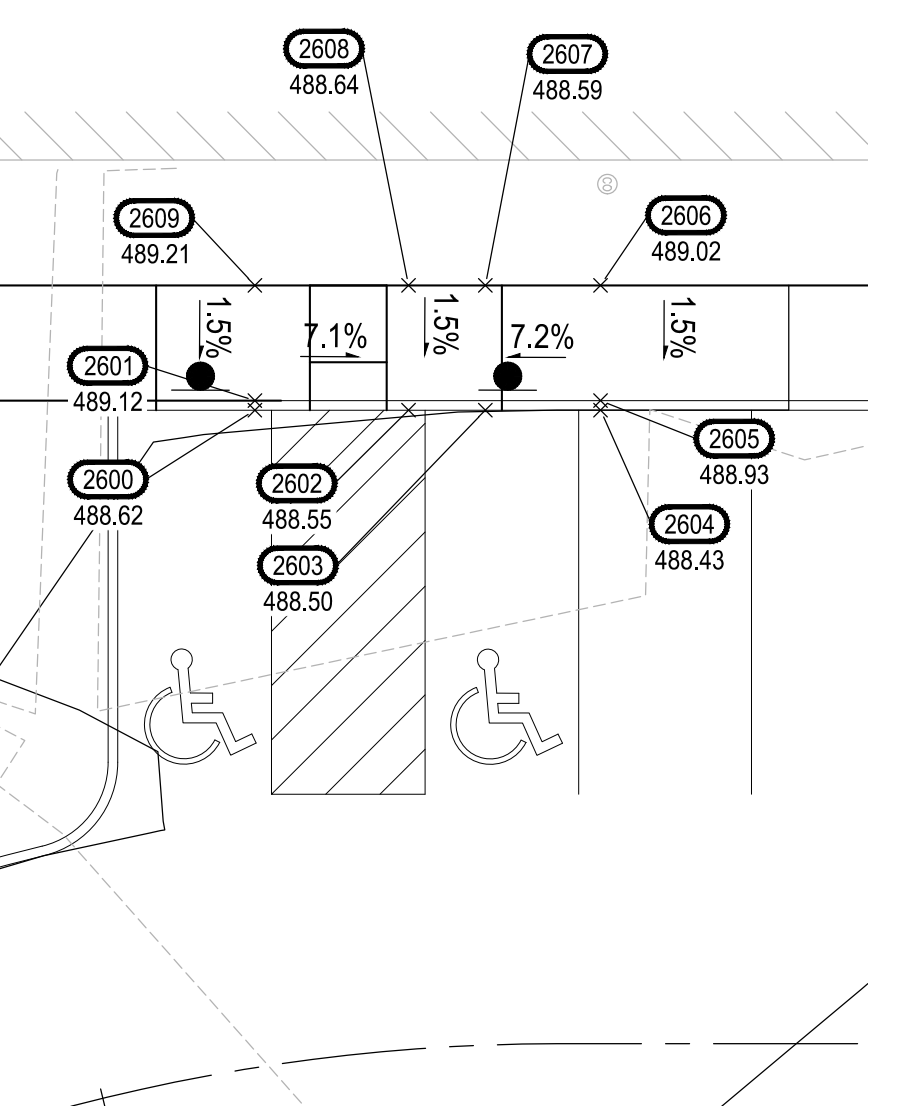
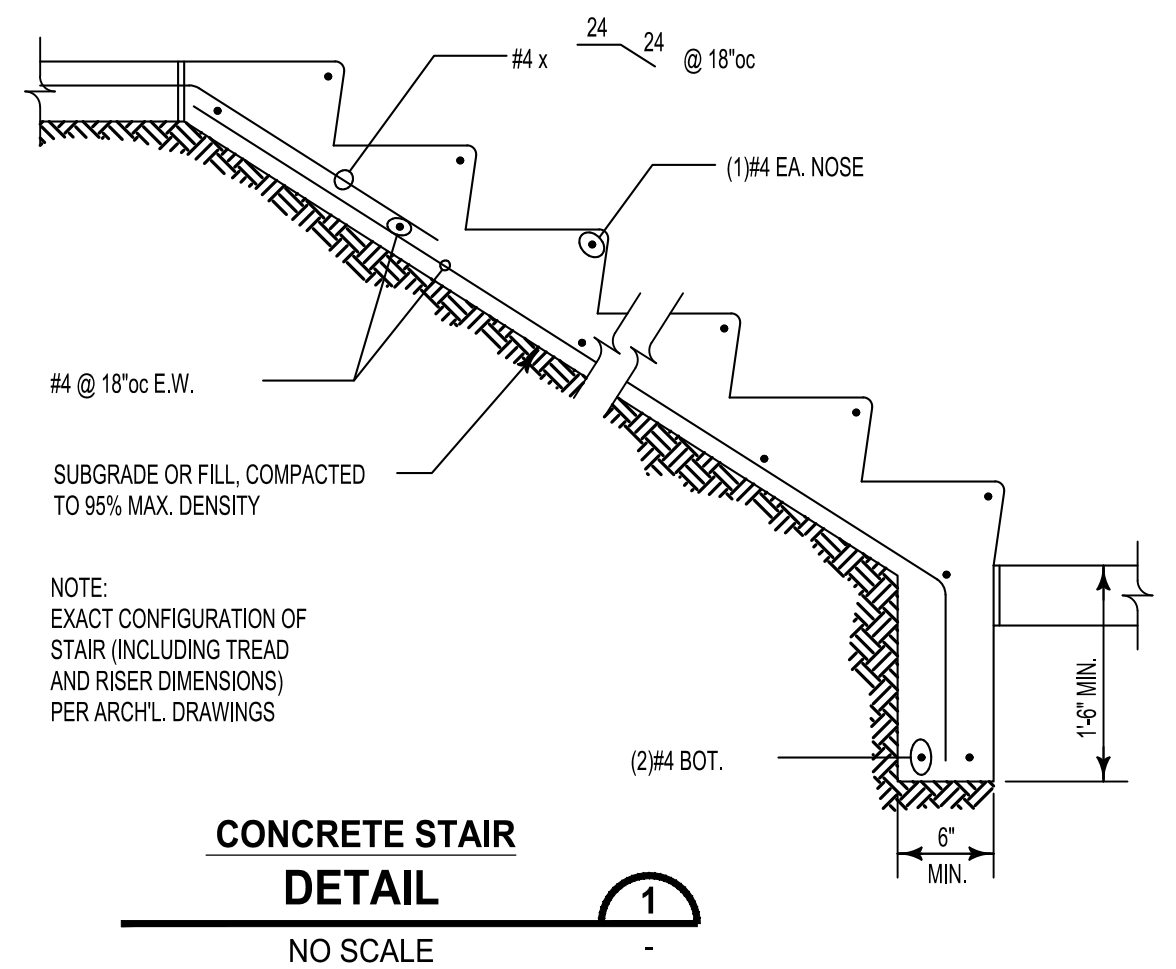
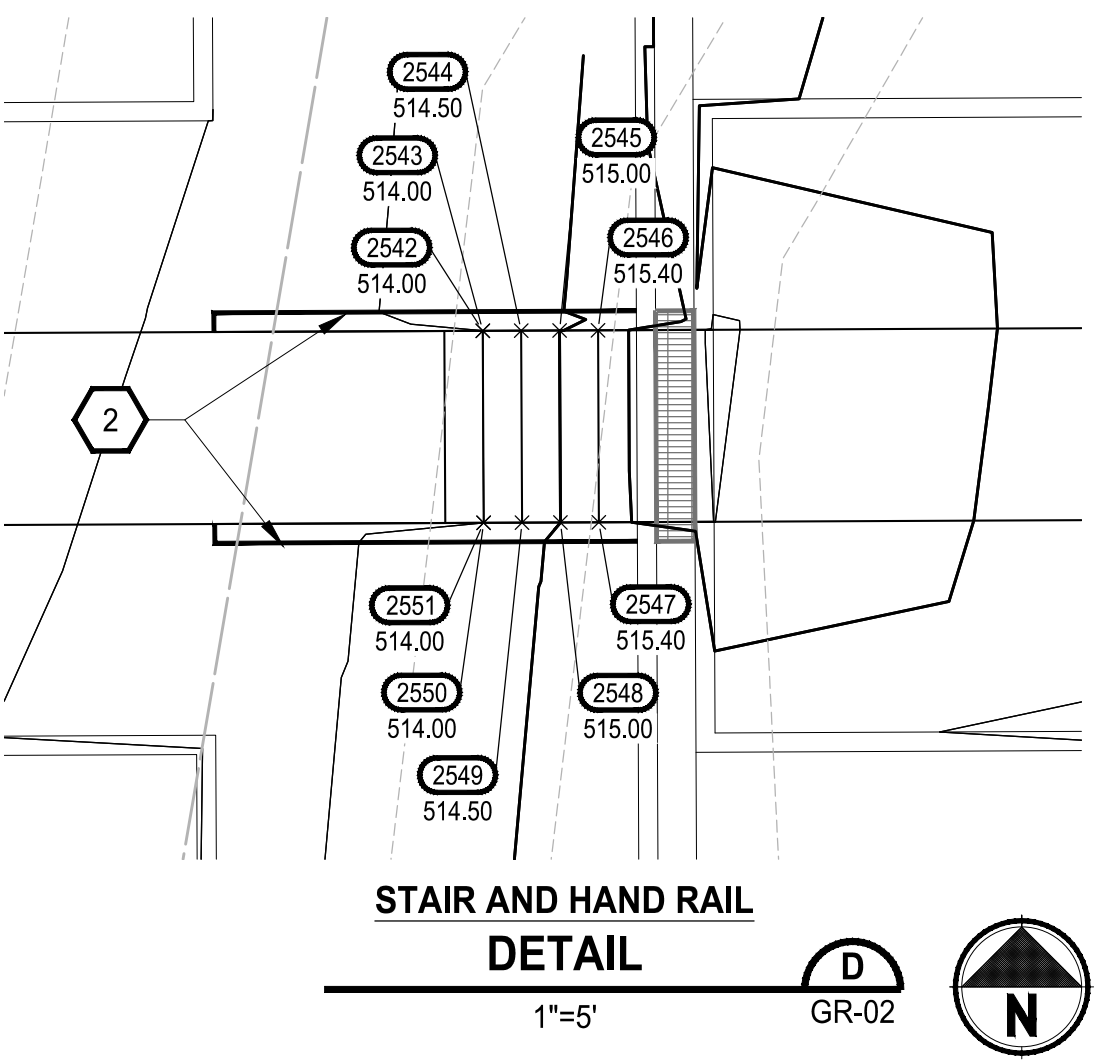
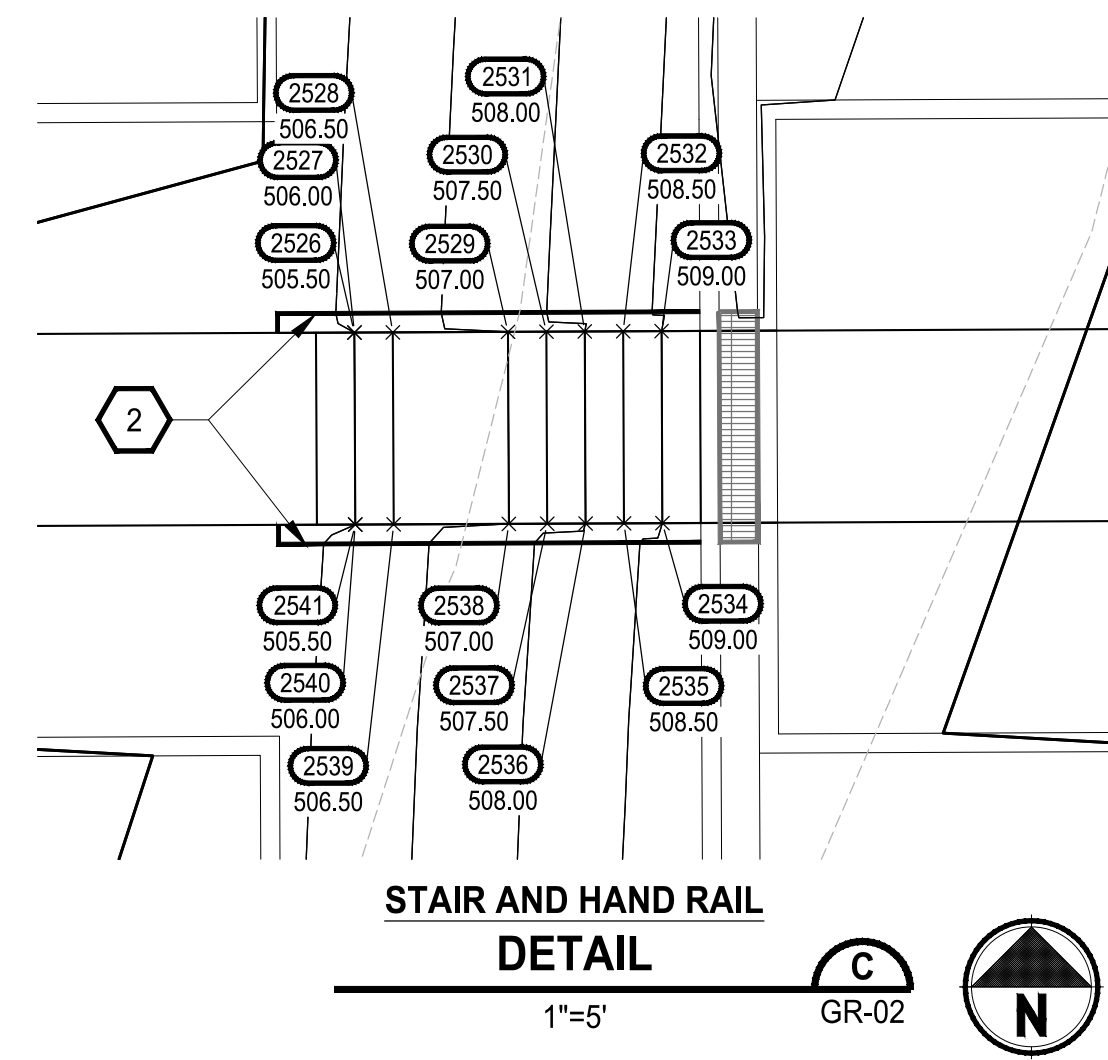
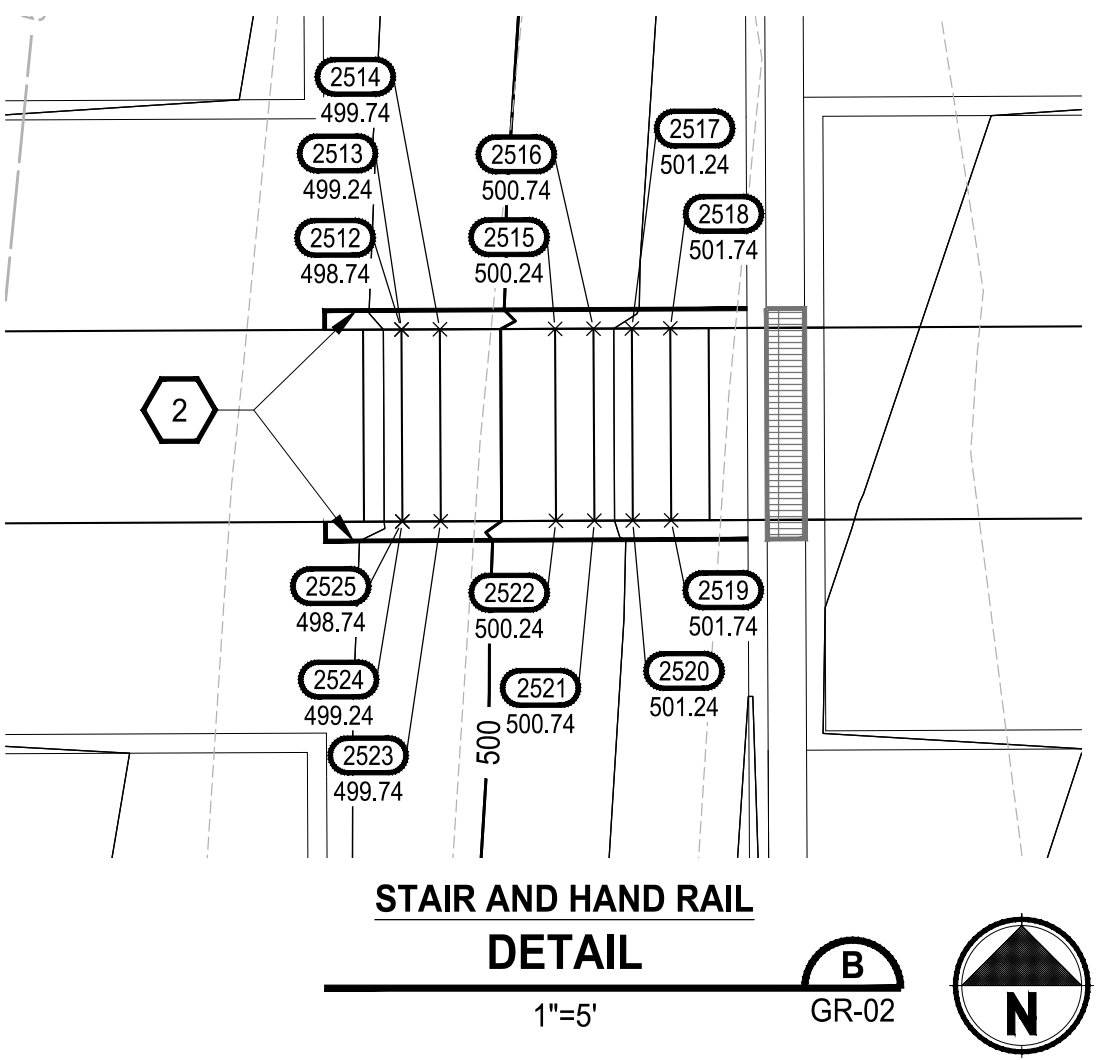
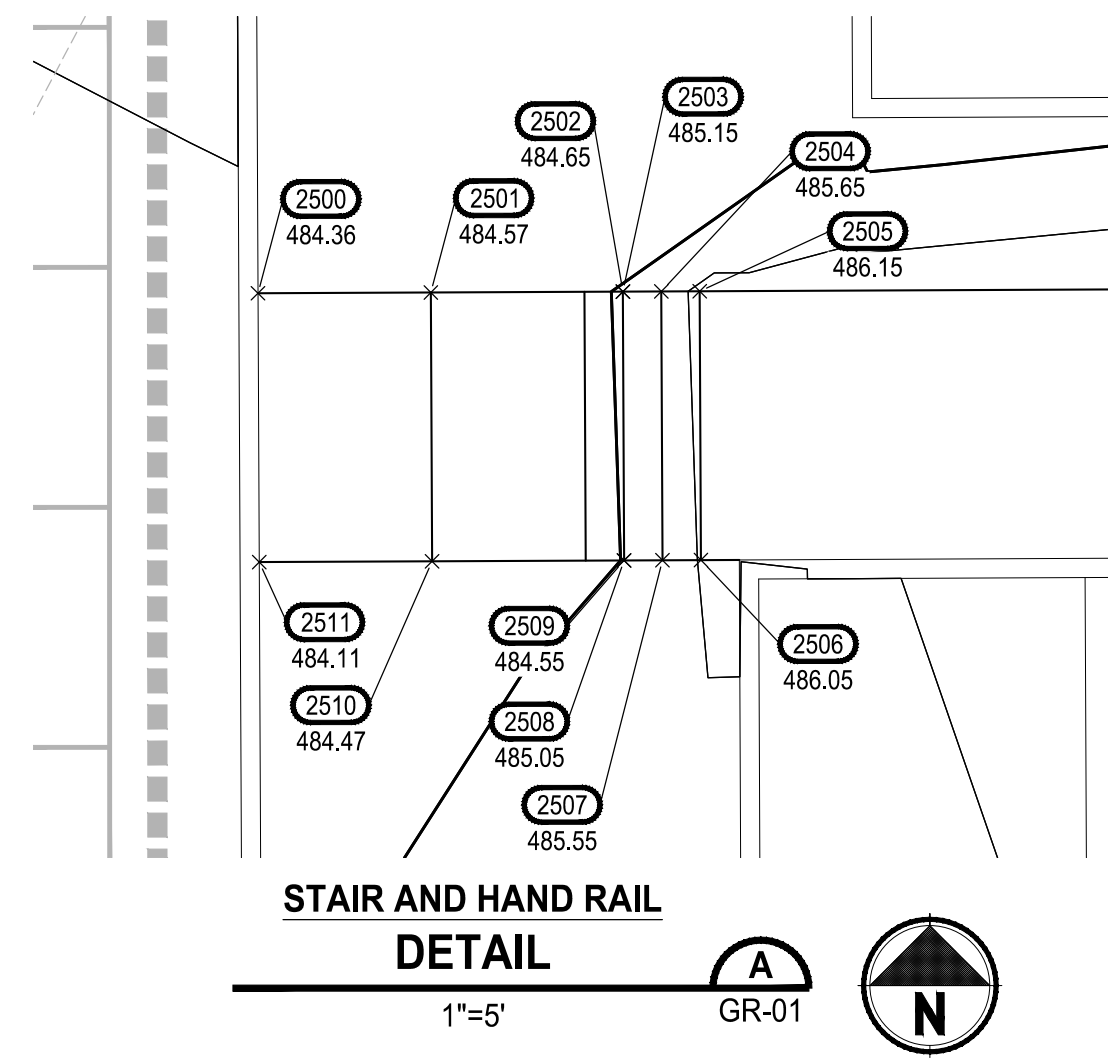
- CONSTRUCTION NOTE:**
- 1 SEE SHEET GR-15 FOR STAIR GRADING DETAILS.
 - 2 CONSTRUCT STAIRS AND HAND RAIL PER DETAIL ON SHEET GR-15.

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	498.74	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	514.00	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

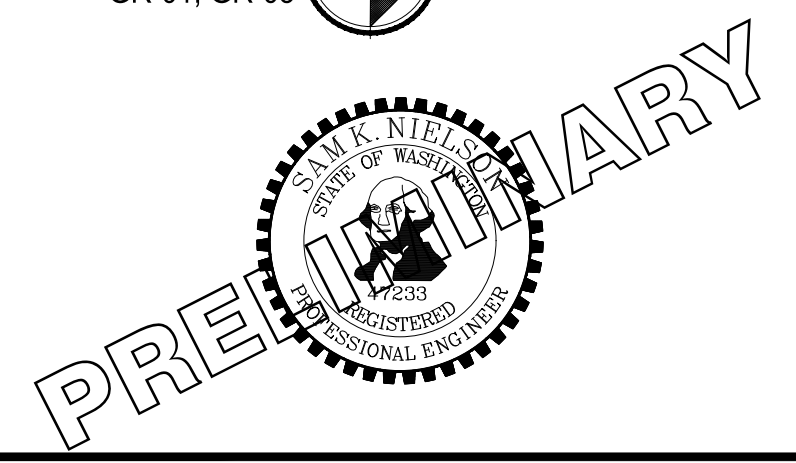
NOTE: SYMBOLS NOT TO SCALE 100% REVIEW SUBMITTAL NOT FOR CONSTRUCTION

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

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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 with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Includes points 4011 through 4016.

"FBW" not in Abbreviation Table

POINT TABLE FOR GR-01 (Table 1) with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Includes points 1 through 61.

POINT TABLE FOR GR-01 (Table 2) with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Includes points 62 through 121.

POINT TABLE FOR GR-01 (Table 3) with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Includes points 122 through 181.

POINT TABLE FOR GR-01 (Table 4) with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Includes points 182 through 230.

POINT TABLE FOR GR-01 (Table 5) with 5 columns: POINT #, ELEVATION, NORTHING, EASTING, DESCRIPTION. Includes points 3000 through 3005.

ABBREVIATION TABLE with 2 columns: Abbreviation, Description. Lists terms like BFC, BFV, BR, BS, CC, etc.

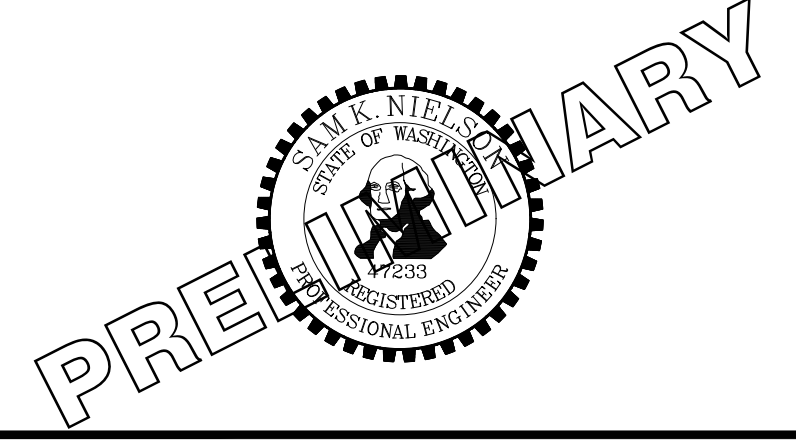
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APPROVED: SKN

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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 GR-16

DRAWING NO. 46 OF 70

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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.

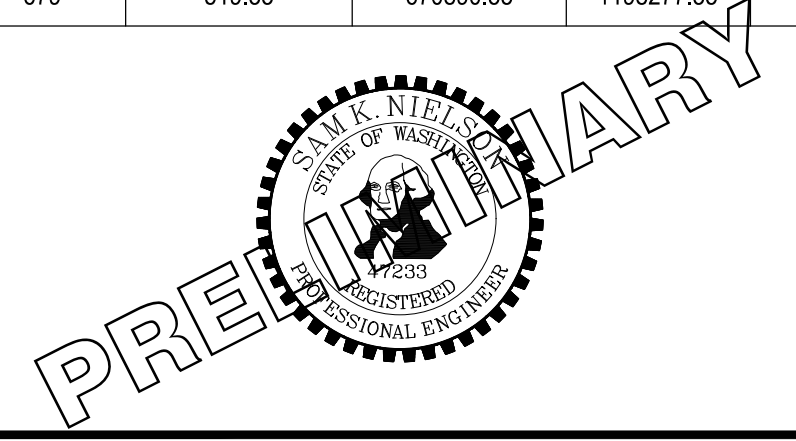
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PROJECT NAME: SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION, PUYALLUP, WA

GRADING POINT TABLES, GR-17

DRAWING NO. 47 OF 70

LAYOUT: GR-19 PATH: U:\PSD\Projects\clients\7312-004-SHB&CParkingExpansion\995\CA00\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

BY: CITY OF PUYALLUP DEVELOPMENT SERVICES



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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.

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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.
- 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.*



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Page 3/7 Rev. 04/03/21
 SPEC.2036.A.0320



Know what's below.
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SCALE IN FEET
 0 50 100

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:
 - DELIVERED LUMENS: 9,619
 - WATTAGE: 73
 - 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:
 - DELIVERED LUMENS: 10,197
 - WATTAGE: 73
 - COLOR TEMP: 4000 KELVIN, 70 CRI

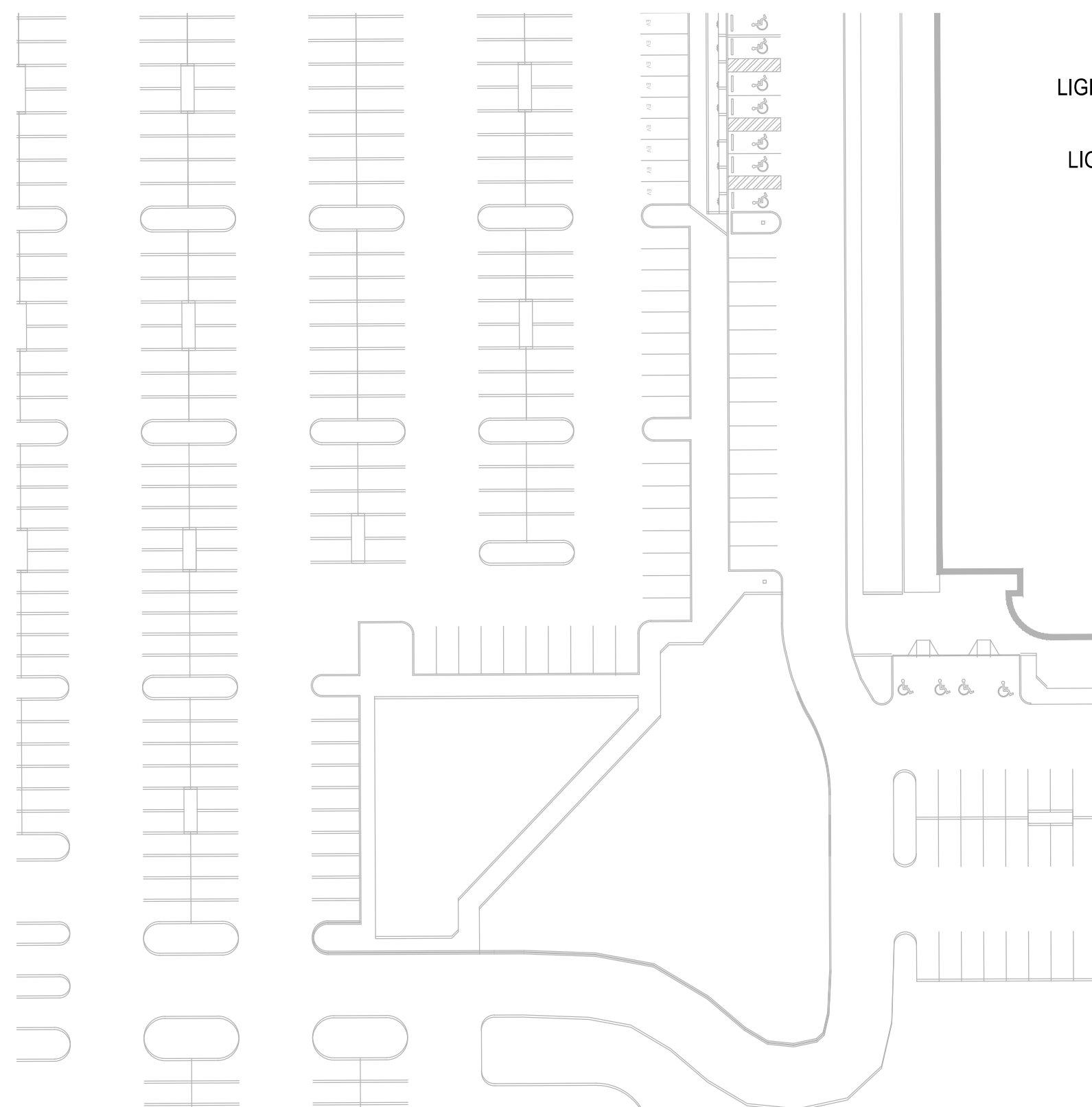
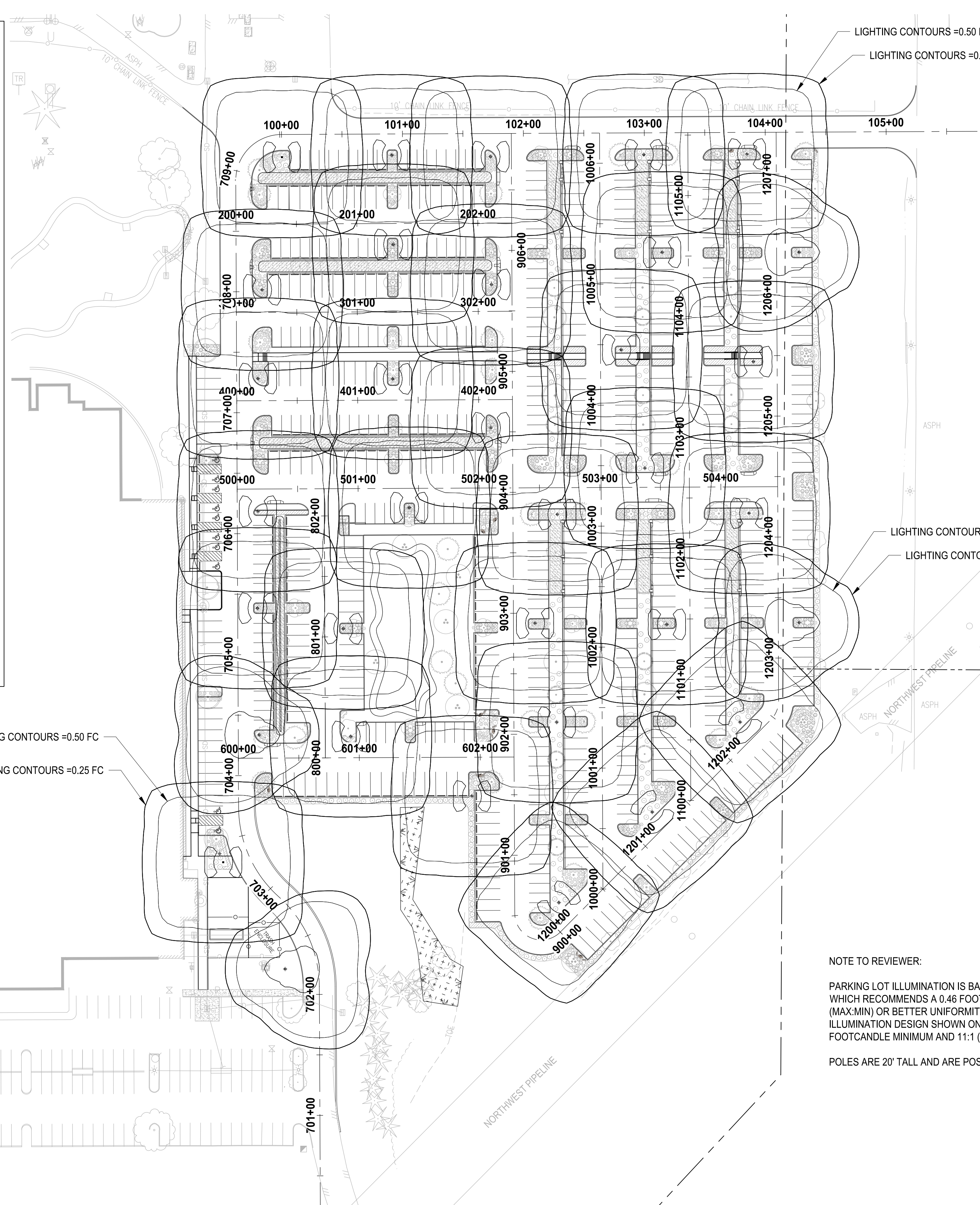
CONSTRUCTION NOTE:

- 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.



LAYOUT: LL-00 PATH: u:\p50\Projects\Clients\7312-004-SHIB&C\Forking\p50\mason\9955\ca\DD\DWG PLOTTED BY: jettifus DATE: Tuesday, May 18, 2021 11:46:47 AM

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			WZG	RLP	DCS	SKN

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 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

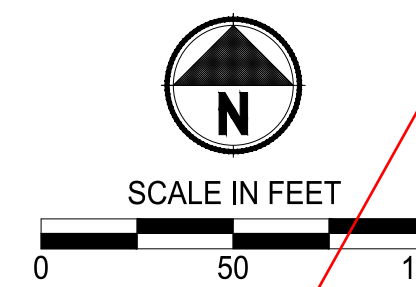
DRAWING NO.
50 OF 70
IL-00

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LAYOUT: LS-00 PATH: U:\PSO\Projects\clients\7312-Benaroya\217-7312-004-SHB&T\parkingExpansion\985\scs\CADD\DWG PLOTTED BY: balredj DATE: Wednesday, May 19, 2021 2:54:12 PM



Know what's below.
Call before you dig.



LANDSCAPE LEGEND:

- RIVER BIRCH
- INCENSE CEDAR
- EUROPEAN HORNBEAM
- KOUSA DOGWOOD
- OREGON CRABAPPLE
- PERSIAN PARROTTIA
- 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

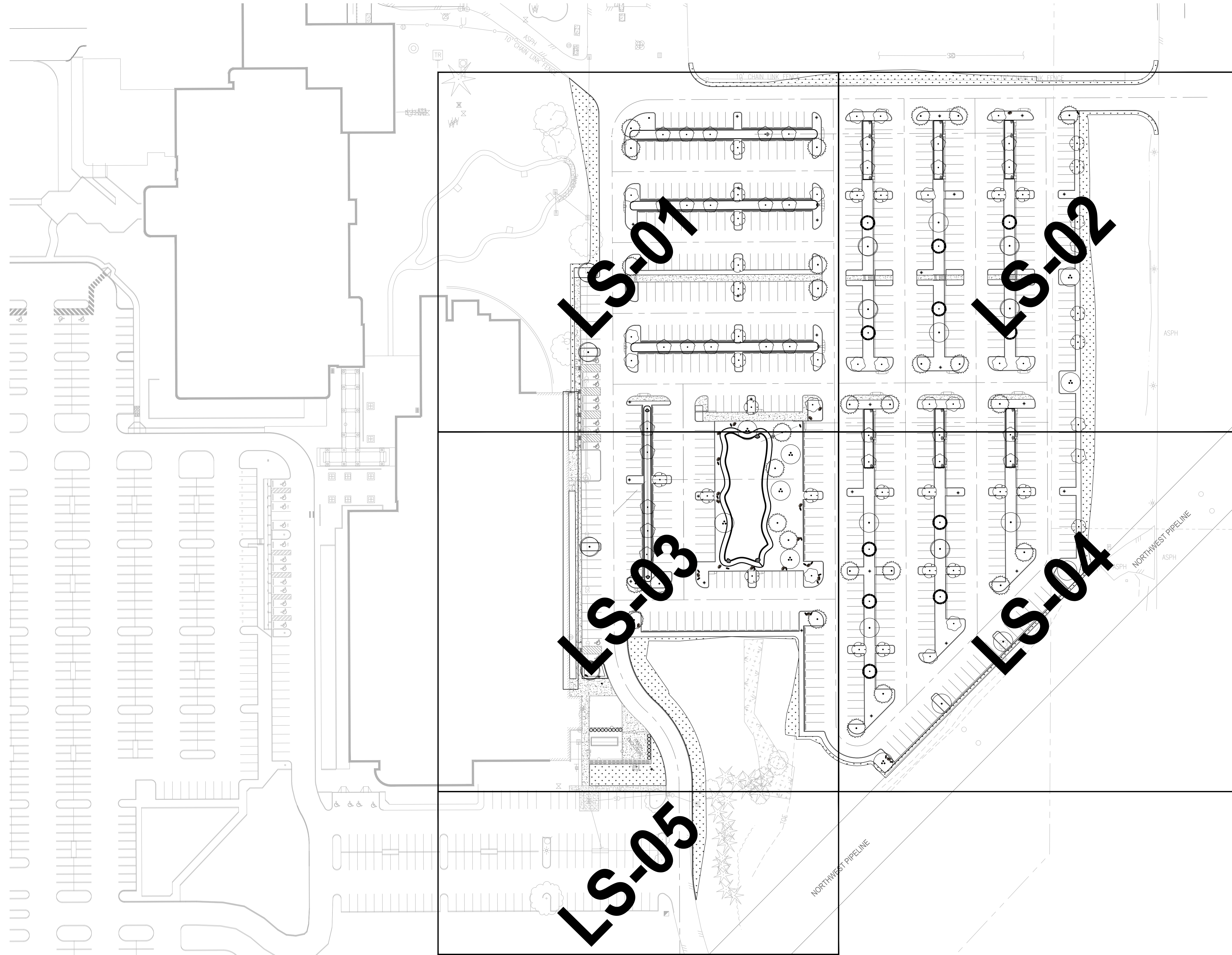
- STORMWATER PLANTING
- POND ZONE 1
- POND ZONE 2
- MEDITERRANEAN HEATH
- STELLA DE ORO DAYLILY
- MOUNT VERNON ENGLISH LAUREL
- TURF GRASS HYDROSEED RESTORATION

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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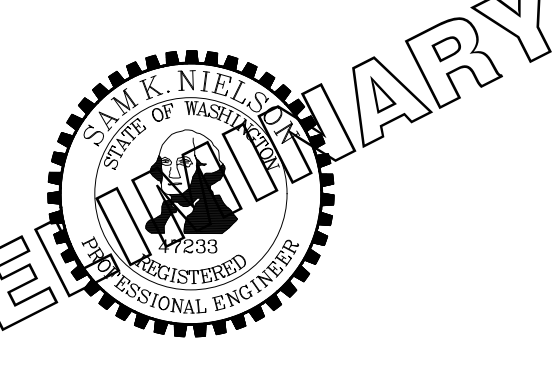
LS-01

LS-03

LS-05

LS-02

LS-04



PRELIMINARY



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

LANDSCAPE PLAN COMPOSITE

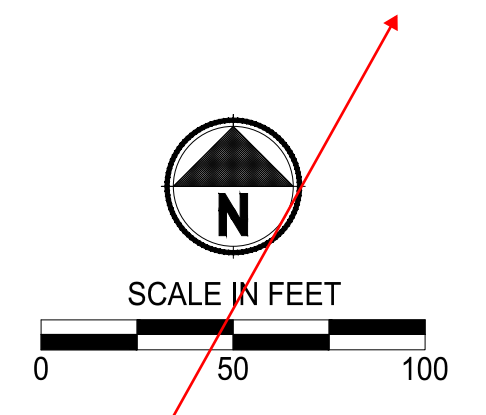
DRAWING NO.
56 OF 70
LS-00

REVISIONS	DATE	BY	DESIGNED
			DSB
			DSB
			DCS
			SKN

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



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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
- 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.

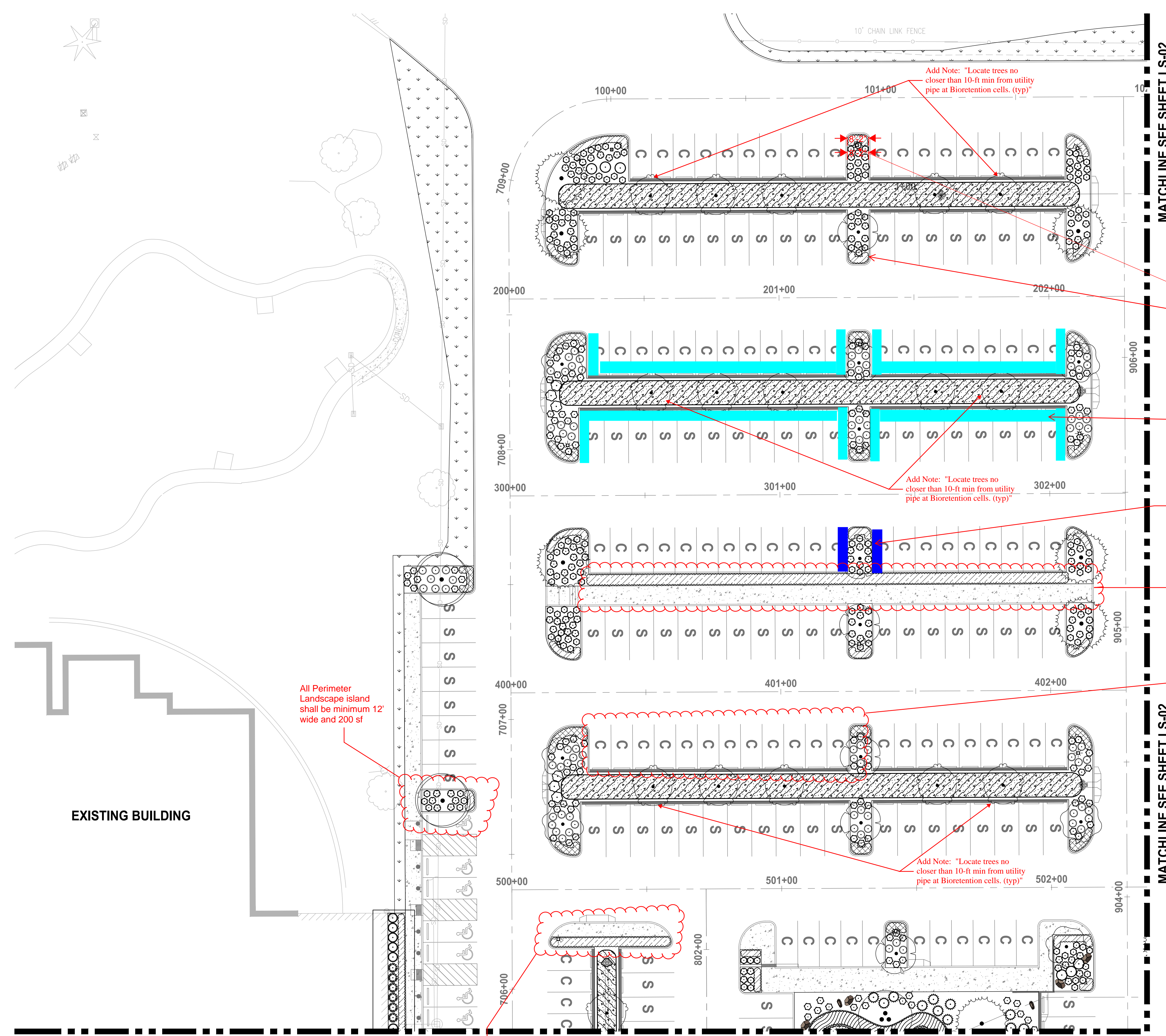
NOTE: SYMBOLS NOT TO SCALE

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LANDSCAPE ENLARGEMENT PLAN

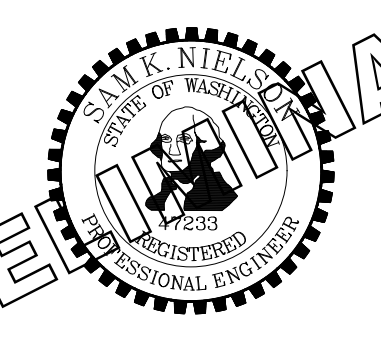
DRAWING NO.
57 OF 70
LS-01

LAYOUT: LS-01 PATH: u:\p\300\Projects\Clients\312-Beneroya\312-7312-004-SHB&T\ParkingExpansion\995\cs\CAD\DWG PLOTTED BY: balledj DATE: Wednesday, May 19, 2021 2:54:16 PM



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



PRELIMINARY



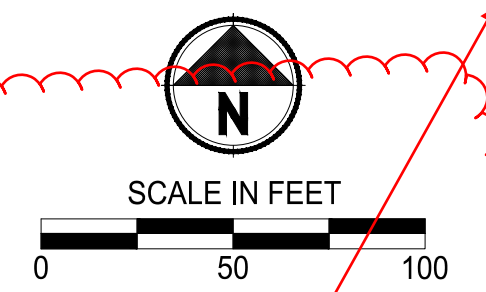
PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			DSB	DSB	DCS	SKN

LAYOUT: LS-02
 PATH: U:\PSD\Projects\clients\7312-Benaroya\217-7312-004-SHB&T\ParkingExpansion\985scs\CADD\DWG
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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
- BLUE OAT GRASS
- 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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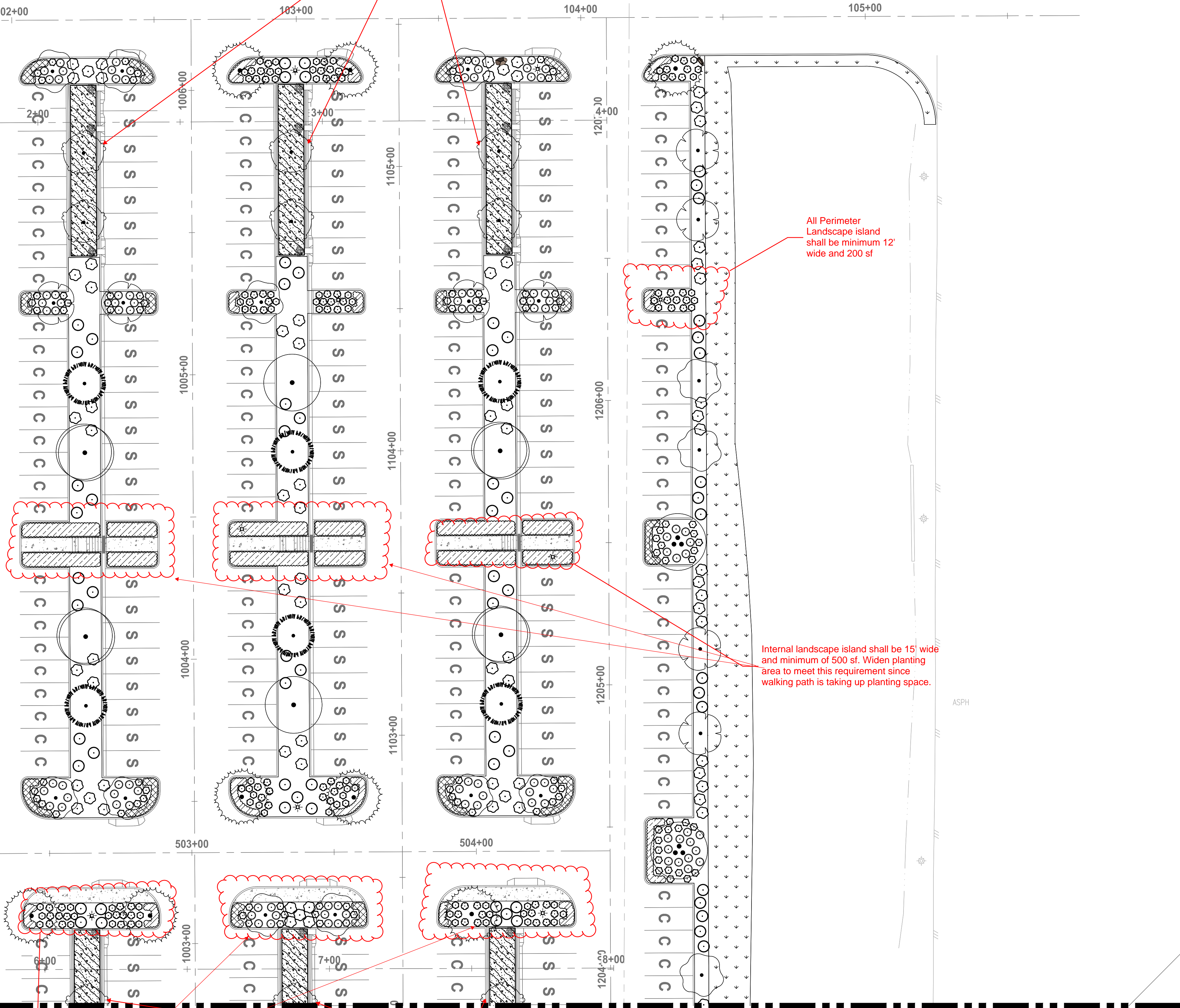
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LANDSCAPE ENLARGEMENT PLAN

DRAWING NO.
58 OF 70
LS-02

MATCHLINE SEE SHEET LS-01

MATCHLINE SEE SHEET LS-01



wrong scale

Planning Approval Block

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)"

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

MATCHLINE SEE SHEET LS-04

MATCHLINE SEE SHEET LS-04



Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

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

REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
			DSB	DSB	DCS	SKN

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 FILE NAME: 07-PS0731200C-LS
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LAYOUT: LS-03 PATH: U:\PSD\Projects\Clienta\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

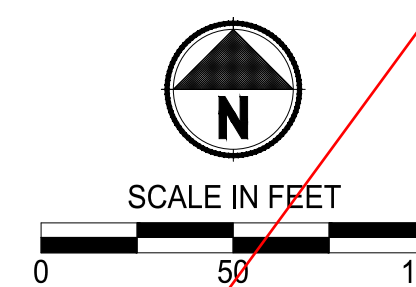
CONTRACTOR TO PROTECT AND PRESERVE EXISTING EVERGREEN HEDGE

MATCHLINE SEE SHEET LS-05

MATCHLINE SEE SHEET LS-05



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- SNOWBERRY
- GOLDFLAME SPIREA
- OCEANSPRAY

- STORMWATER PLANTING
- POND ZONE 1
- POND ZONE 2
- MEDITERRANEAN HEATH
- STELLA DE ORO DAYLILY
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PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
 PUYALLUP, WA

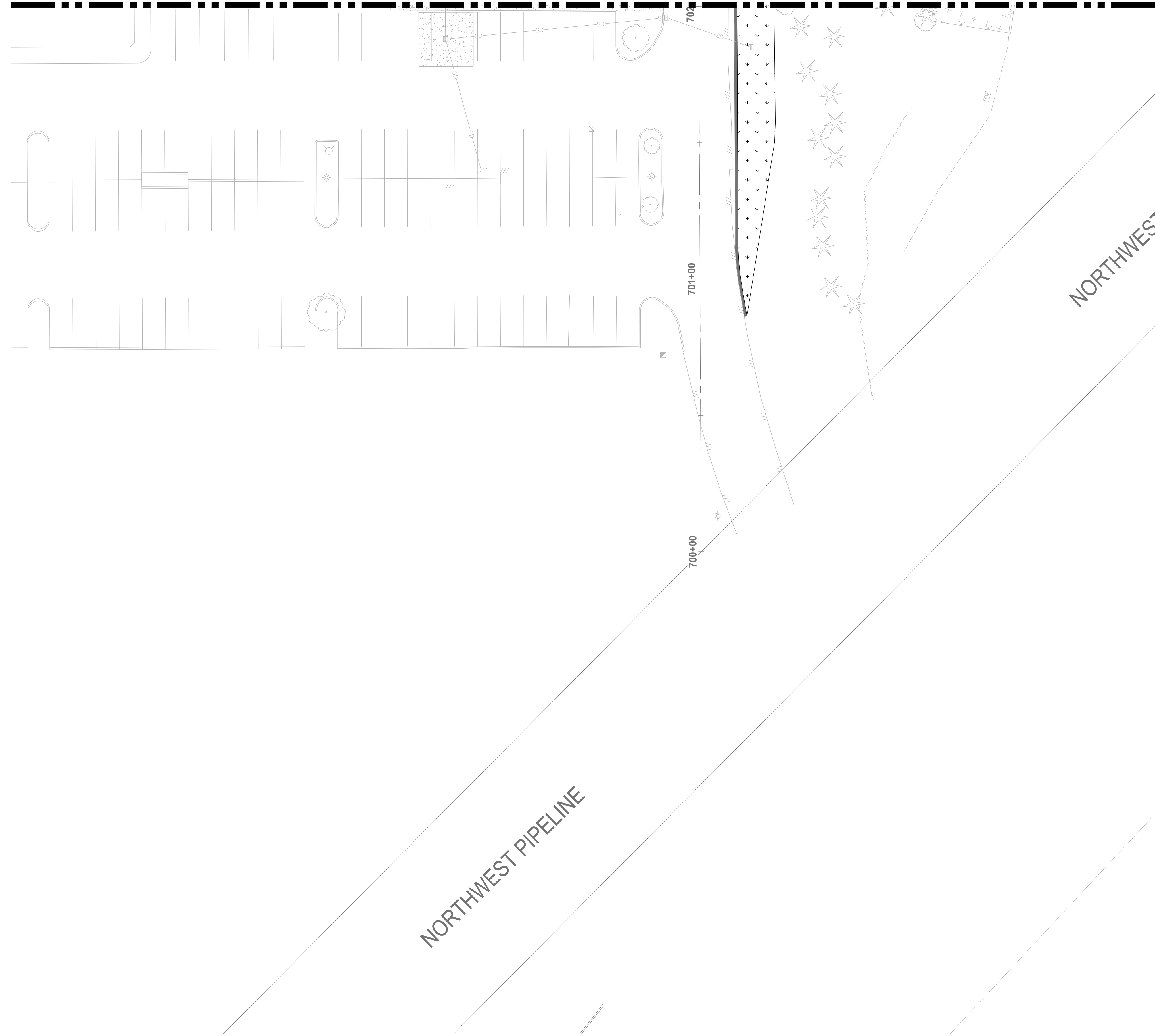
LANDSCAPE ENLARGEMENT PLAN

DRAWING NO.
 59 OF 70
LS-03

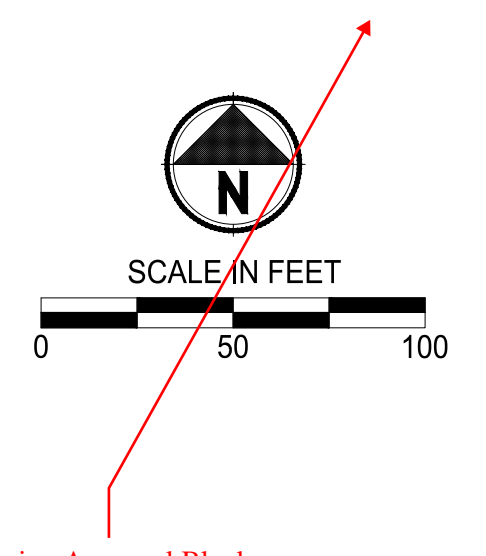
LAYOUT: LS-05 P:\TH: U:\PSO\Projects\clients\7312-Benaroya\217-7312-004 SH&T\ParkingExpansion\985\scs\CADD\DWG PLOTTED BY: ballredj DATE: Wednesday, May 19, 2021 2:54:39 PM

MATCHLINE SEE SHEET LS-03

MATCHLINE SEE SHEET LS-03



Know what's below.
Call before you dig.



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REVISIONS	DATE	BY	DESIGNED
			DSB
			DRAWN
			DSB
			CHECKED
			DCS
			APPROVED
			SKN

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



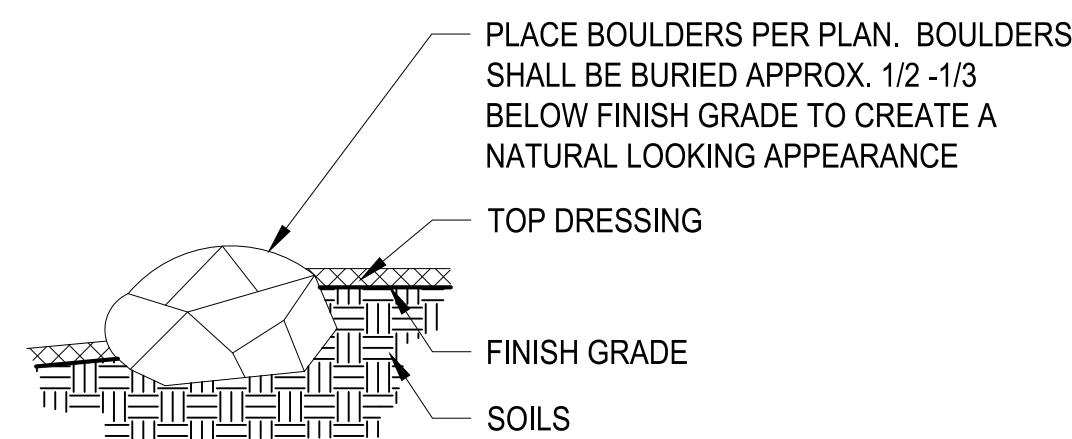
PROJECT NAME
SOUTH HILL BUILDING & TECHNOLOGY CENTER PARKING EXPANSION
PUYALLUP, WA

LANDSCAPE ENLARGEMENT PLAN

DRAWING NO.
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	HELIOTRICHON 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% @ 42" 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

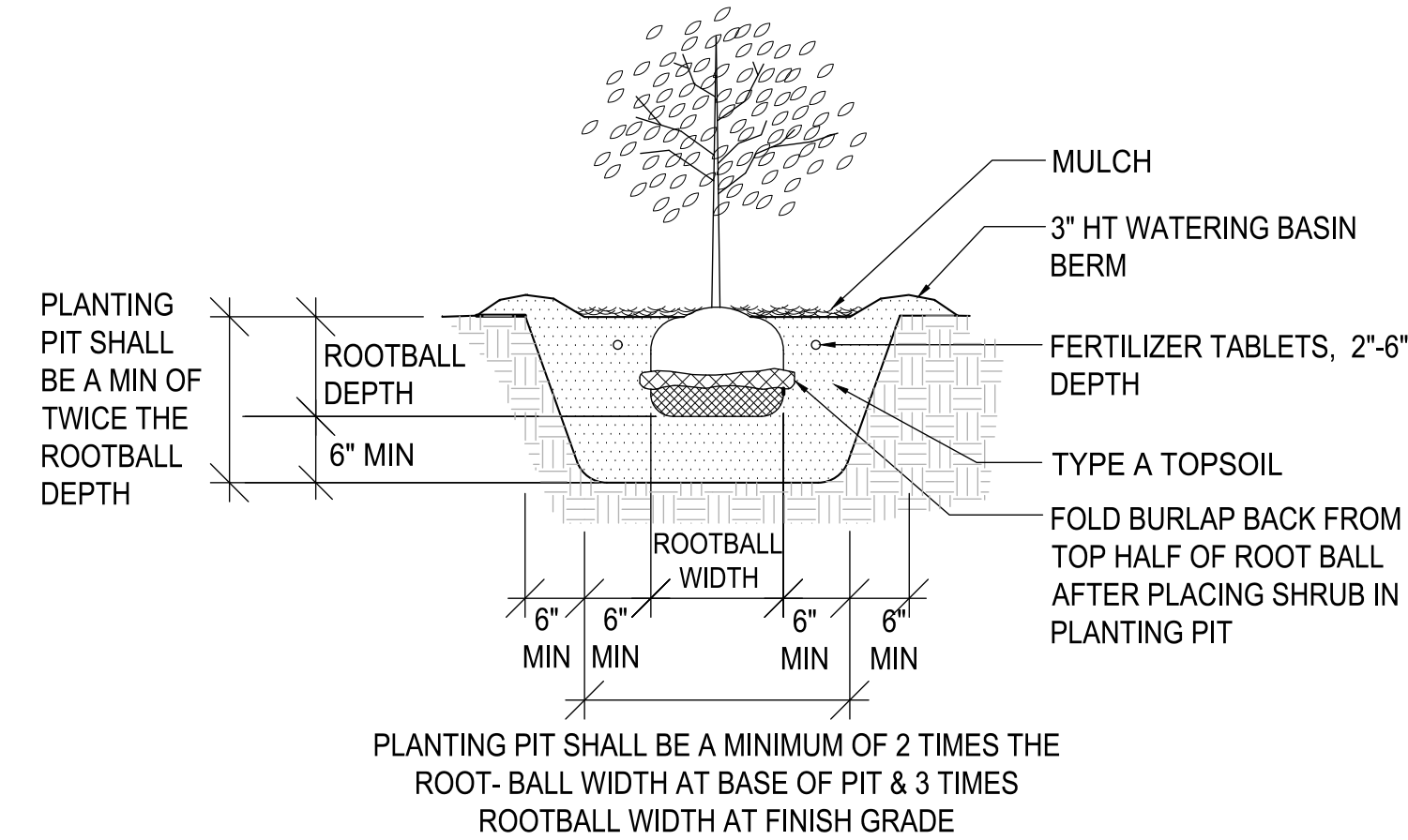


- NOTES:**
- ALL BOULDERS SHALL BE 2'-0" FROM BACK OF CURB.
 - THE TOP OF ALL BOULDERS WITHIN MEDIAN SHALL BE LESS THAN 18" ABOVE TOP OF CURB.
 - BOULDER CLUSTERS TO BE PLACED IRREGULARLY AND ARE VARYING HEIGHTS

BOULDER PLACEMENT DETAIL
NO SCALE

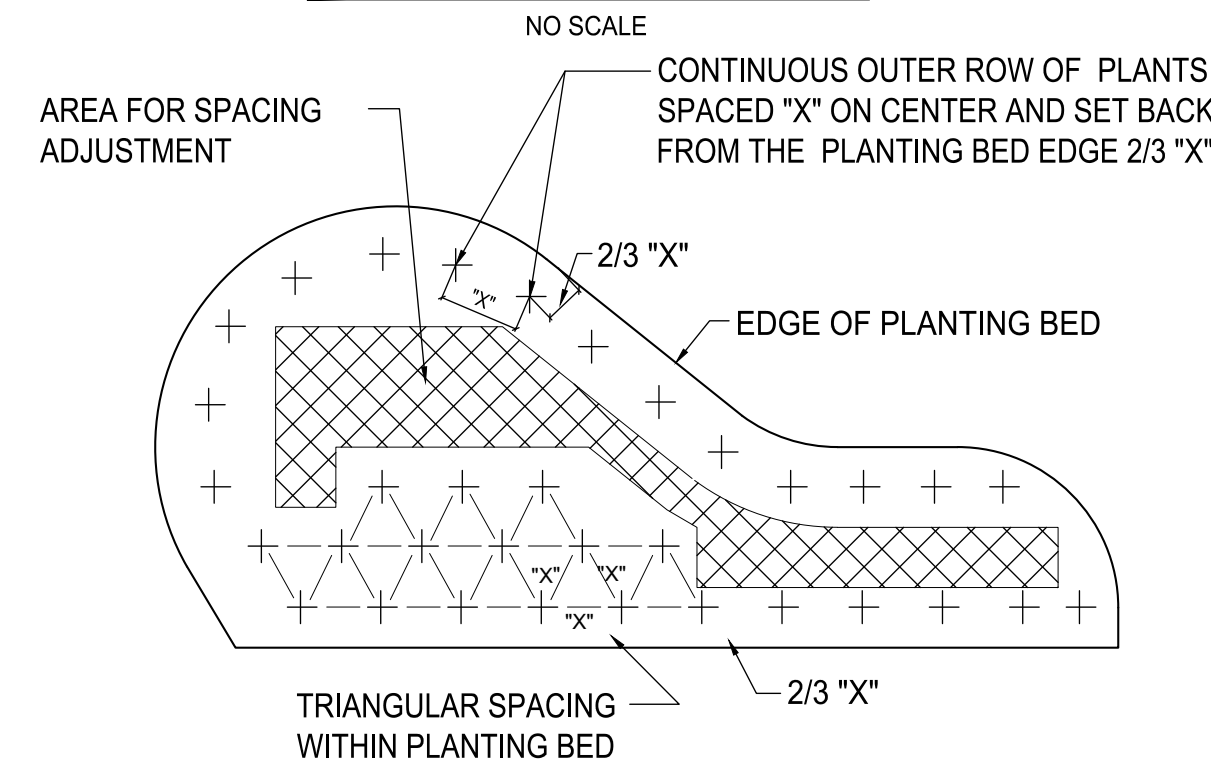
GENERAL LANDSCAPE NOTES:

- REFER TO THIS SHEET FOR PLANT INSTALLATION DETAILS.
- ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE/CITY.
- CONTRACTOR IS REQUIRED TO VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR A THOROUGH CLEAN-UP FOR HIS/HER RESPECTIVE WORK, DAILY AND AT PROJECT CLOSE-OUT.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- NO SUBSTITUTIONS SHALL BE CONSIDERED FOR PLANTS OR OTHER MATERIALS DURING THE BIDDING PROCESS.
- 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.
- LANDSCAPE MATERIALS & QUANTITIES WILL BE FIELD ADJUSTED TO FIT ACTUAL CONDITIONS, IF NECESSARY. COORDINATE LANDSCAPE CONSTRUCTION AND REVIEWS W/ OWNER'S REPRESENTATIVE.
- 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.



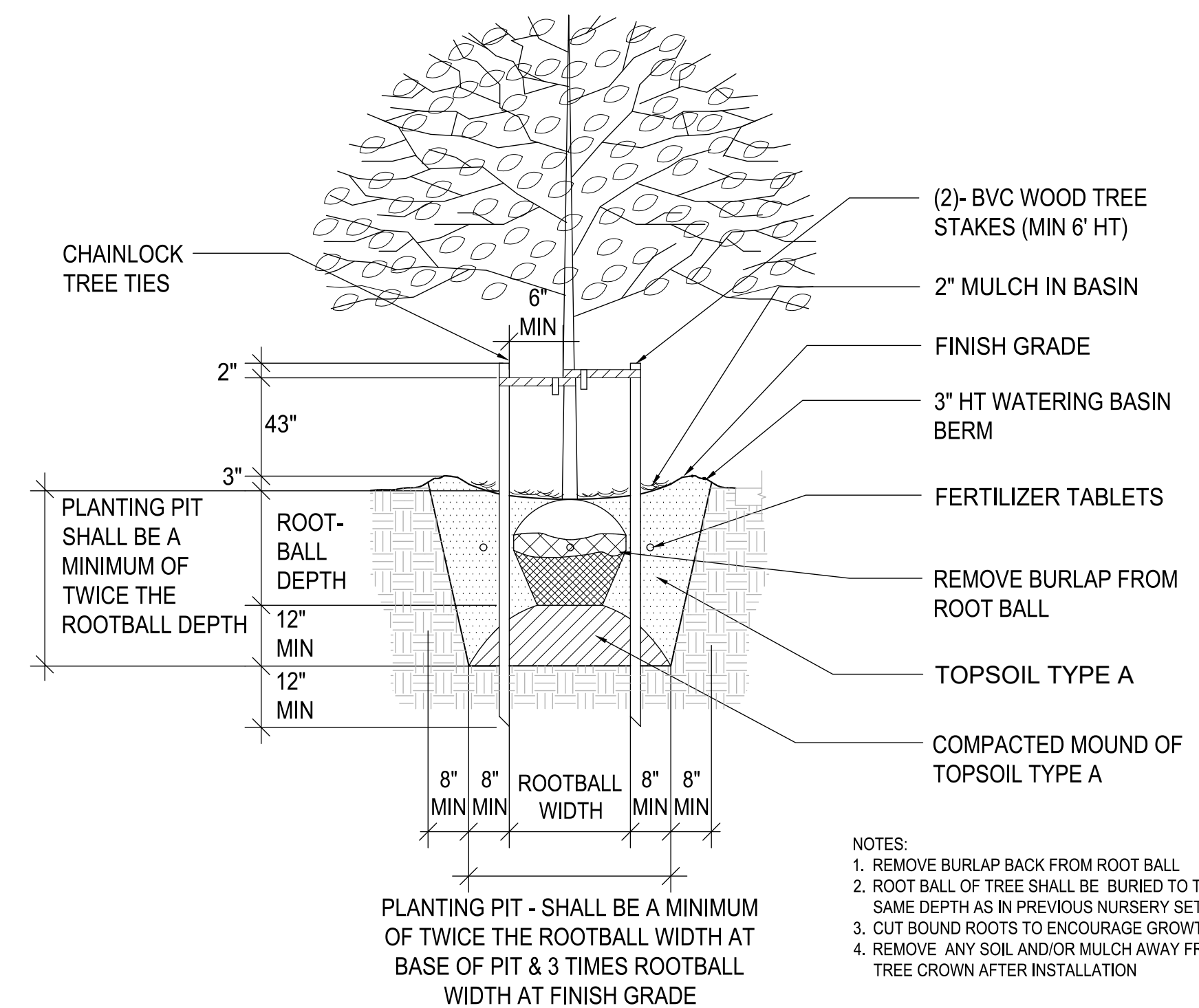
PLANTING PIT SHALL BE A MINIMUM OF 2 TIMES THE ROOT-BALL WIDTH AT BASE OF PIT & 3 TIMES ROOTBALL WIDTH AT FINISH GRADE

SHRUB PLANTING DETAIL



INDIVIDUAL PLANTS REPRESENTED AS: +

PLANT SPACING DETAIL
NO SCALE



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

TREE PLANTING DETAIL
NO SCALE

NOTE:
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Planning Approval Block

Add City Std Detail 01.02.08a

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

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PROJECT NAME
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PUYALLUP, WA

LANDSCAPE NOTES, DETAILS & PLANT SCHEDULE

DRAWING NO.
62 OF 70
LS-06