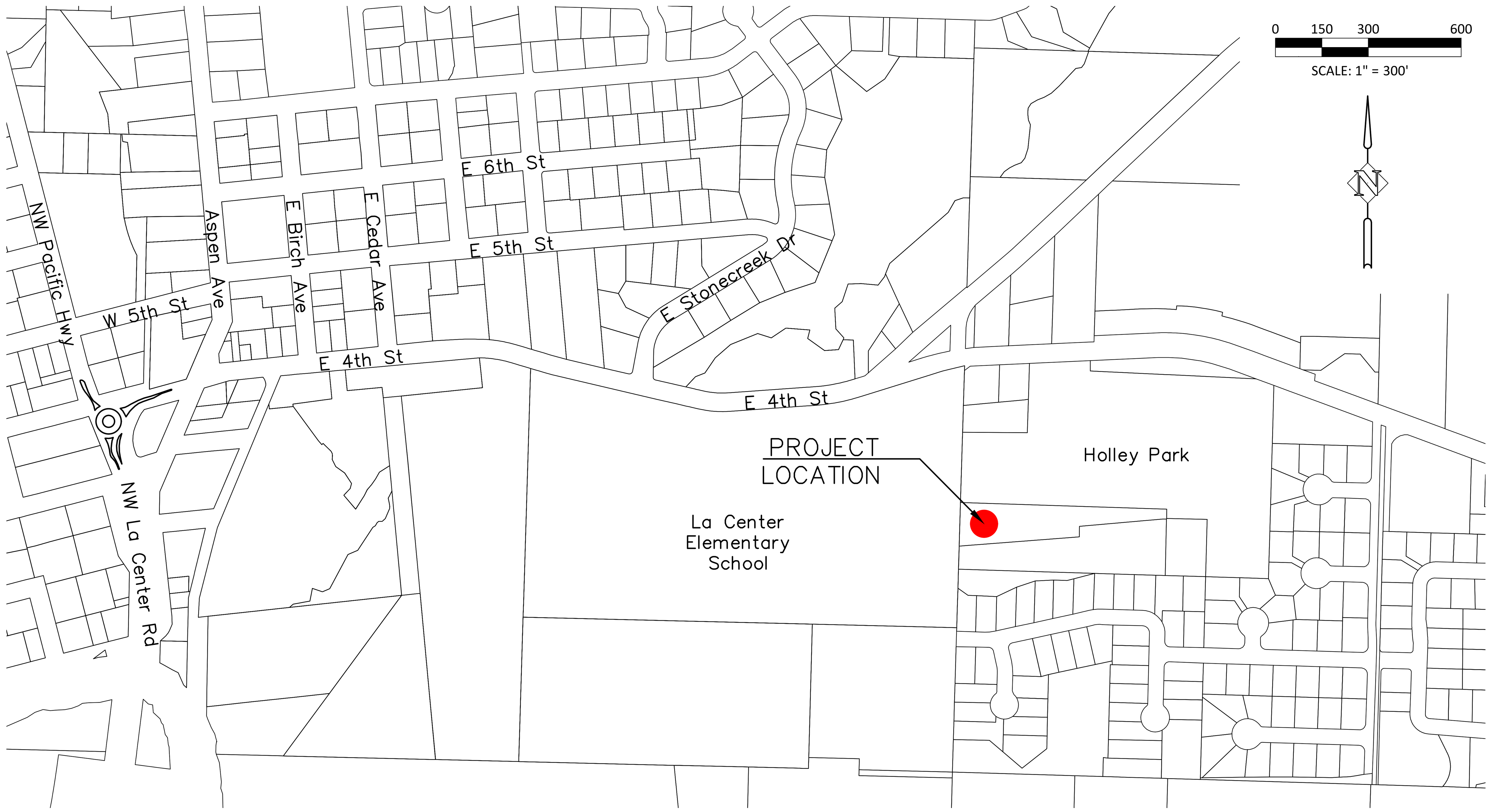
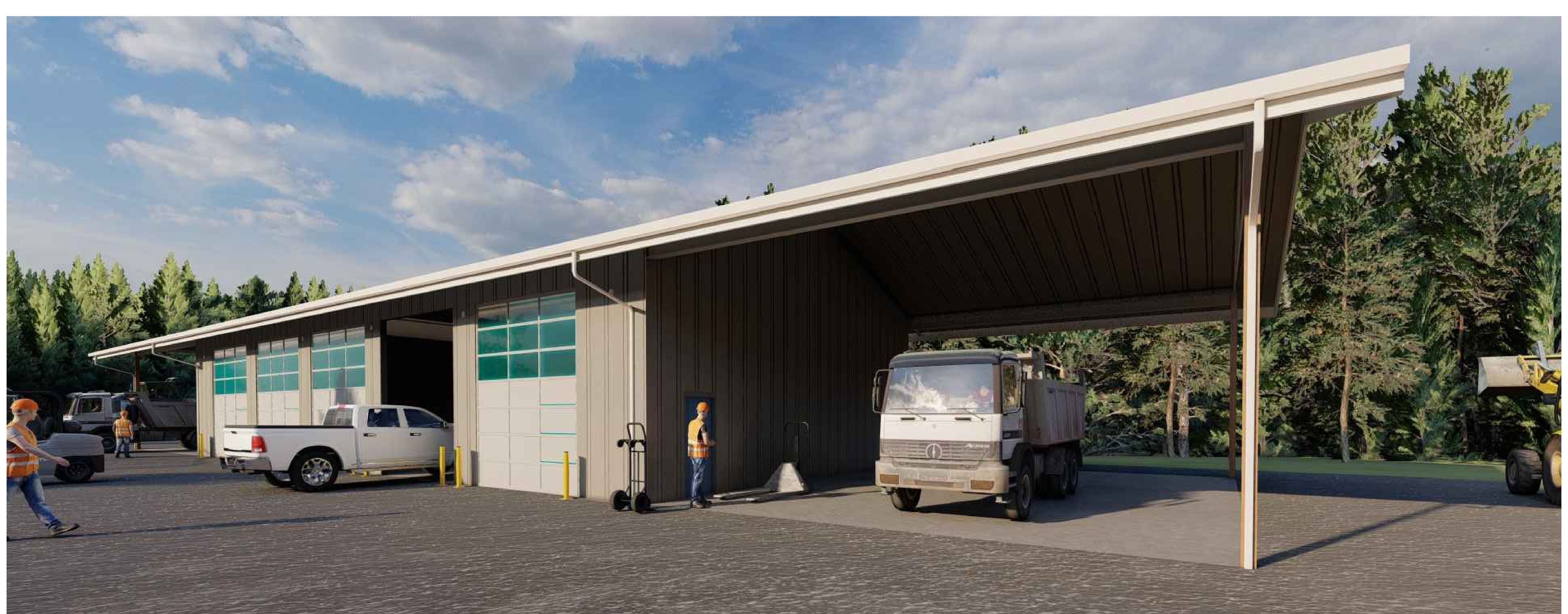
PUBLIC WORKS SITE IMPROVEMENTS

LA CENTER, WASHINGTON

291 EAST IVY AVENUE



VICINITY MAP



SHEET INDEX

PROJECT OWNER

CITY OF LA CENTER
CONTACT: TRACY COLEMAN
210 E 4TH STREET
LA CENTER, WA 98629
TEL: 360-263-2889
EMAIL: TCOLEMAN@@CI.LACENTER.WA.US

CIVIL ENGINEER

HARPER HOUF PETERSON RIGHELLIS INC.
CONTACT: DALLIN WISE, P.E.
1220 MAIN STREET, SUITE 150
VANCOUVER, WA 98660
TEL: 360-750-1131
EMAIL: DALLINW@HHPR.COM

STRUCTURAL ENGINEER

HARPER HOUF PETERSON RIGHELLIS INC.
CONTACT: JEFF SCHWINDT, P.E., S.E.
205 SE SPOKANE, SUITE 200
PORTLAND, OR 97202
TEL: 503-221-1131
EMAIL: JEFFS@HHPR.COM

GENERAL NOTES:

ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO THE CITY OF LA CENTER ENGINEERING STANDARDS AND THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" AS PREPARED BY WSDOT AND APWA.

ALL MATERIALS AND WORK ARE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF LA CENTER'S DEPARTMENT OF PUBLIC WORKS (360) 263-7665.

THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR SHALL COORDINATE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE CITY OF LA CENTER PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCING CONSTRUCTION.

ANY DEVIATIONS FROM THE PLANS WILL REQUIRE A WRITTEN REQUEST FROM THE CONTRACTOR AND APPROVAL BY THE PUBLIC WORKS DIRECTOR.

THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES BEFORE STARTING CONSTRUCTION.

CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES.

ALL PIPE BEDDING MATERIAL SHALL MEET THE APPLICABLE SPECIFICATIONS IN THE CITY OF LA CENTER STANDARDS. BEFORE ANY NATIVE MATERIAL IS USED, LABORATORY TEST RESULTS SHALL BE PROVIDED TO THE CITY INSPECTOR INDICATING THAT THE MATERIAL MEETS THE SPECIFICATIONS.

PIPE BEDDING AND BACKFILL SHALL BE PER CITY OF LA CENTER STANDARDS. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% MAXIMUM RELATIVE DENSITY.

SHOULD ANY ITEM OF ARCHAEOLOGICAL INTEREST BE FOUND DURING DEVELOPMENT, YOU ARE REQUIRED TO STOP WORK AND NOTIFY THE CITY INSPECTOR AND THE WASHINGTON STATE OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION AT (360) 753-4011 IMMEDIATELY. FAILURE TO DO SO COULD RESULT IN A FELONY CONVICTION.

AT THE END OF EACH WORK DAY THE CONTRACTOR SHALL CLEAN UP THE PROJECT AREA AND LEAVE IT IN A NEAT AND SECURED MANNER. UPON COMPLETION, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL.

THE CONTRACTOR SHALL PRUNE ALL VEGETATION, AS NECESSARY, AWAY AND UP FROM THE WORK AS WELL AS ANY ROOT PRUNING AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING THAT IS TO REMAIN.

THE CONTRACTOR SHALL MAKE EVERY REASONABLE EFFORT TO PROTECT ANY EXISTING CONCRETE CURBS AND SIDEWALKS TO REMAIN AND SHALL REPLACE DAMAGED CURBS AND SIDEWALKS AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES. ALL DISTURBED UTILITIES SHALL BE REPAIRED AS DIRECTED. ALL RELOCATED UTILITIES WILL BE RESET IN ACCORDANCE WITH THE APPROPRIATE AGENCY OR OWNER'S STANDARDS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF EXISTING UTILITY LINES DAMAGED OR DESTROYED THROUGH NEGLIGENCE AND/OR INATTENTION.

CONTRACTOR SHALL REPORT ALL DAMAGES IMMEDIATELY TO THE PUBLIC WORKS DIRECTOR'S OFFICE OR CONTACT THE INSPECTOR ON THE JOB.

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

COVER SHEET
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
1220 Main Street, Suite 150, Vancouver, WA 98660
phone: 360.750.1131 www.hhpr.com fax: 360.750.1141

PRELIMINARY

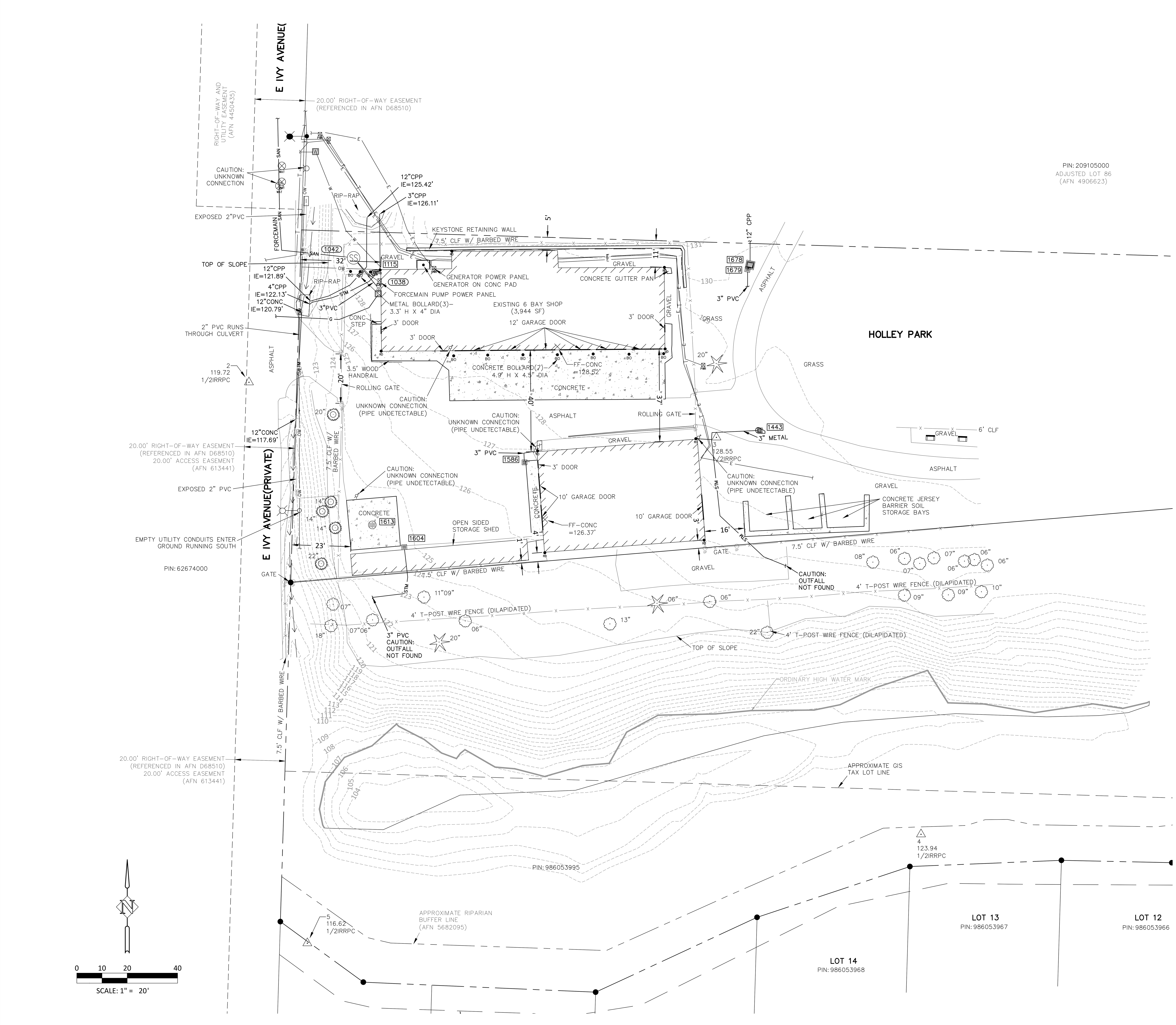
DESIGNED:	DJW
DRAWN:	DJW
CHECKED:	BMH
DATE:	9/16/2025

REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO. G1.0

JOB NO. CLC-07



HORIZONTAL DATUM:

WASHINGTON STATE PLANE (SOUTH ZONE) – REFERENCE FRAME: NAD 83 (2011)(EPOCH: 2010.0000), US SURVEY FEET. ALL DISTANCES ARE GROUND.

VERTICAL DATUM:

NORTH AMERICAN VERTICAL DATUM OF 1988

STORM SEWER NOTES

1115 AREA DRAIN SQUARE
RIM=128.18'
IE 3" CPP AT SWEEP=126.08'

1443 AREA DRAIN SQUARE W/ OIL TRAP
RIM=128.40'
IE 3" METAL SLEEVE(W)=127.70'
BOTTOM=126.70'

1586 AREA DRAIN SQUARE
RIM=126.10'
IE 3" PVC(N)=125.40'
BOTTOM=124.85'

1604 AREA DRAIN SQUARE
RIM=124.66'
IE 3" PVC(S)=124.06'
BOTTOM=123.86'

1613 CATCH BASIN ROUND W/ BIO BAG (2' DIAMETER PVC DRY WELL)
RIM=124.63'
BOTTOM=118.43'

1678 CATCH BASIS SQUARE
RIM=129.56'
IE 3" PVC(S)=127.46'
IE 12" CPP(N)=127.46'
BOTTOM=127.46'

1679 AREA DRAIN SQUARE
RIM=129.40'
IE 3" PVC(S)=128.70'
IE 3" PVC(N)=128.70'
BOTTOM=128.30'

SANITARY SEWER NOTES

1038 SANITARY CLEANOUT
RIM=128.46'(1.00' ABOVE PAVEMENT)
IE 3" PVC AT SWEEP(NW)=126.41'

1042 SANITARY MANHOLE (FM PUMP W/ PLASTIC LID)
RIM=129.08'
UNABLE TO MEASURE

1070 SANITARY CLEANOUT (LOCATE WIRE FOR FM)
UNABLE TO MEASURE

TOPOGRAPHIC LEGEND:

STORM SEWER LINE
SANITARY SEWER LINE
WATER LINE
GAS LINE
OVERHEAD WIRE
FENCE LINE, TYPE AS NOTED
TELEPHONE LINE
IRRIGATION LINE
ELECTRIC LINE
FLOWLINE
BUILDING LINE
UTILITY LINE IS BELIEVED TO CONTINUE, CONNECTION NOT LOCATED OR UNKNOWN

SANITARY SEWER MANHOLE
CLEANOUT
STORM SEWER MANHOLE
CATCH BASIN SQUARE
CATCH BASIN ROUND
AREA DRAIN SQUARE
ROOF DRAIN DOWN SPOUT
WATER VALVE
FIRE HYDRANT
WATER METER
HOSE BIB / WATER SPIGOT
IRRIGATION BOX
GAS METER
POWER RISER
TELEPHONE RISER
HHPR CONTROL POINT

GUY WIRE
UTILITY POLE W/ STREET LIGHT
UTILITY POLE W/ UNDERGROUND UTILITIES AND STREET LIGHT
SINGLE POST SIGN
BENCH
GATE POST
BOLLARD
CONIFEROUS TREE (APPROXIMATE DIAMETER BREAST HIGH AS NOTED)
DECIDUOUS TREE (APPROXIMATE DIAMETER BREAST HIGH AS NOTED)
STUMP – APPROXIMATE DIAMETER ON TOP, OR DBH, IF OVER 4' TALL.
SURVEY MONUMENT DO NOT DISTURB

NOTE: SYMBOLS SHOWN HEREON ARE FOR GRAPHICAL REPRESENTATION PURPOSES AND DO NOT NECESSARILY SHOW SHAPE, SIZE, ROTATION, CONDITION, TYPE, ETC. OF THE ACTUAL PHYSICAL IMPROVEMENTS THAT THEY REPRESENT. CONDITION, TYPE, ROTATION, ETC. MAY VARY AMONGST ITEMS SHOWN BY THE SAME SYMBOL.

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

EXISTING CONDITIONS
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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1220 Main Street, Suite 150, Vancouver, WA 98660
phone: 360.750.1131 www.hhpr.com fax: 360.750.1141

PRELIMINARY
STATE OF WASHINGTON 21015676 REGISTERED PROFESSIONAL ENGINEER

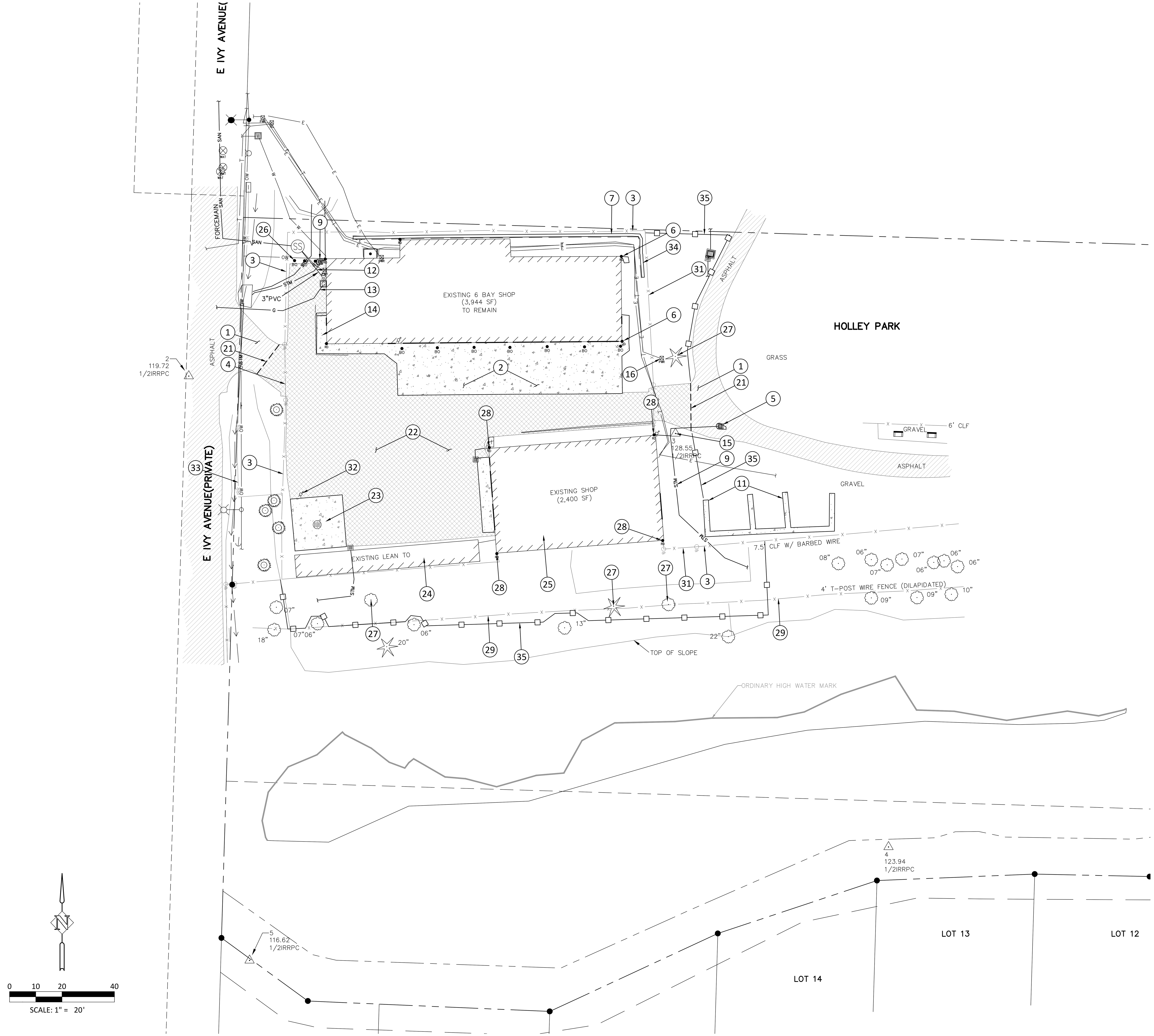
DESIGNED: DJW
DRAWN: DJW
CHECKED: BMH
DATE: 9/16/2025

REVISIONS
DATE	NO.	DESCRIPTION

SHEET NO.
E1.0

JOB NO. CLC-07

P:\02-Vancouver\CLC (City of La Center)\CLC-07 (Public Works Operation Center)\CLC07-DWGS\Sheets\ E1.0 - EXISTING CONDITIONS.dwg



CONSTRUCTION NOTES:

1. PROTECT EXISTING ASPHALT PAVEMENT.
2. PROTECT EXISTING CONCRETE APRON.
3. PROTECT EXISTING FENCE.
4. PROTECT EXISTING GATE.
5. PROTECT EXISTING CATCH BASIN.
6. PROTECT EXISTING ROOF DRAIN.
7. PROTECT EXISTING LANDSCAPE WALL.
9. PROTECT EXISTING STORM DRAIN.
11. PROTECT EXISTING STORAGE BAYS.
12. PROTECT EXISTING SANITARY LINE.
13. PROTECT EXISTING GAS LINE.
14. PROTECT EXISTING CONCRETE WALK AND STEPS.
15. SURVEY MONUMNET SHALL BE REPLACED IN ACCORDANCE WITH WAC 332-120. CONTACT PROJECT SURVEYOR PRIOR TO DISTURBANCE.
16. EXISTING POWER PANEL TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION.
21. SAWCUT EXISTING PAVEMENT TO CREATE A CLEAN, VERTICAL EDGE.
22. REMOVE EXISTING ASPHALT PAVEMENT.
23. REMOVE EXISTING CONCRETE PAD, BASIN, AND CONNECTED DRAINS.
24. REMOVE EXISTING LEAN TO STRUCTURE.
25. DEMOLISH EXISTING SHOP AND APPURTENANCES. DISCONNECT AND CAP EXISTING WATER LINES. DISCONNECT POWER IN COMPLIANCE WITH ALL APPLICABLE STATE AND LOCAL REGULATIONS.
26. REMOVE EXISTING BOLLARDS.
27. REMOVE EXISTING TREE/BUSH.
28. REMOVE EXISTING ROOF DRAIN AND ASSOCIATED PIPES.
29. REMOVE EXISTING FENCE.
31. SALVAGE FENCE AND/OR GATE FOR REINSTALLATION.
32. SALVAGE HOSE HYDRANT FOR REINSTALLATION.
33. REMOVE AND DECOMISSION PVC WATER LINE.
34. SALVAGE LANDSCAPE BLOCKS FOR REINSTALLATION.
35. INSTALL HIGH VISIBILITY SILT FENCE PER DETAIL ON SHEET C5.04.

LEGEND

	EXISTING ASPHALT
	ASPHALT DEMOLITION
	HIGH VISIBILITY SILT FENCE

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

DEMOLITION PLAN
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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LANDSCAPE ARCHITECTS • SURVEYORS
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phone: 360.750.1131 www.hhpr.com fax: 360.750.1141

PRELIMINARY

DESIGNED:	DJW
DRAWN:	DJW
CHECKED:	BMH
DATE:	9/16/2025

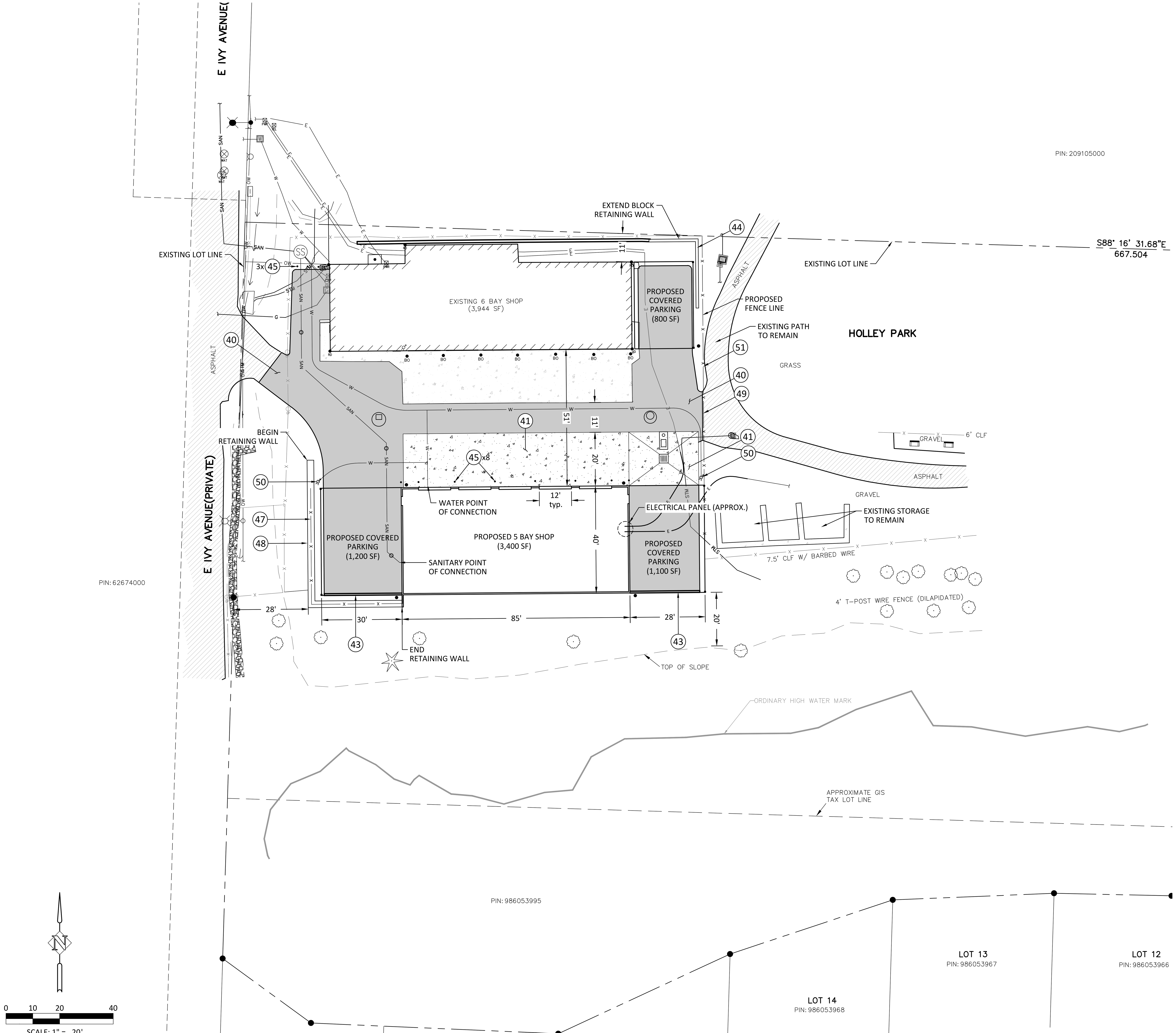
REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO.
E1.1

JOB NO. CLC-07

P:\02-Vancouver\CLC (City of La Center)\CLC-07 (Public Works Operation Center)\CLC07-DWGS\Sheets\ E1.1 - DEMOLITION PLAN.dwg



CONSTRUCTION NOTES:

40. CONSTRUCT ASPHALT PAVEMENT SECTION PER DETAIL ON SHEET D1.0.
41. CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAIL ON SHEET D1.0. JOINT TYPE AND LOCATION SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
43. CONSTRUCT STANDARD CURB PER DETAIL ON SHEET D1.0.
44. CONSTRUCT LANDSCAPE BLOCK RETAINING WALL PER DETAIL ON SHEET D1.0.
45. INSTALL 6 IN. DIAM. FIXED BOLLARD PER DETAIL ON SHEET D1.0.
47. INSTALL 4 FT COATED CHAIN LINK FENCE.
48. SEE SHEET C1.2 FOR RETAINING WALL DETAILS.
49. REINSTALL ROLLING FENCE GATE WITH NEW POSTS AND HARDWARE AS REQUIRED. GATES SHALL BE EQUIPPED WITH KNOX KEY BOX IN AN ACCESSIBLE LOCATION IN ACCORDANCE WITH CCFR FIRE CODE STANDARD 5-2.
50. REINSTALL HOSE HYDRANT. PROVIDE ALL NECESSARY PIPE AND FITTINGS.
51. REINSTALL CHAIN LINK FENCE. PROVIDE NEW POSTS AND HARDWARE AS REQUIRED.

TOTAL SITE AREA= 62,800 SF
TOTAL IMPERVIOUS (EXISTING) = 22,600 SF (36%)
TOTAL IMPERVIOUS (PROPOSED) = 26,300 SF (42%)

NEW ROOF AREA = 6,600 SF
PROPOSED BUILDING HEIGHT = 24 FT
LANDSCAPING AREA = 0 SF
DEDICATED PARKING AREA = 3200 SF
DEDICATED PARKING STALLS = 6

LEGEND

100	EXISTING CONTOUR
105	PROPOSED MAJOR CONTOUR
101	PROPOSED MINOR CONTOUR
SAN	SANITARY LINE
W	WATER LINE
E	UNDERGROUND POWER
X	FENCE LINE
	CATCH BASIN
	CATCH BASIN TYPE 2
	BOLLARD
	HOSE BIB / WATER SPIGOT
	EXISTING ASPHALT
	PROPOSED ASPHALT
	EXISTING CONCRETE
	PROPOSED CONCRETE

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

SITE PLAN
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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PRELIMINARY
STATE OF WASHINGTON
21015676
REGISTERED PROFESSIONAL ENGINEER

DESIGNED: DJW
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DATE: 9/16/2025

REVISIONS		
DATE	NO.	DESCRIPTION

SHEET NO.
C1.0

JOB NO.
CLC-07

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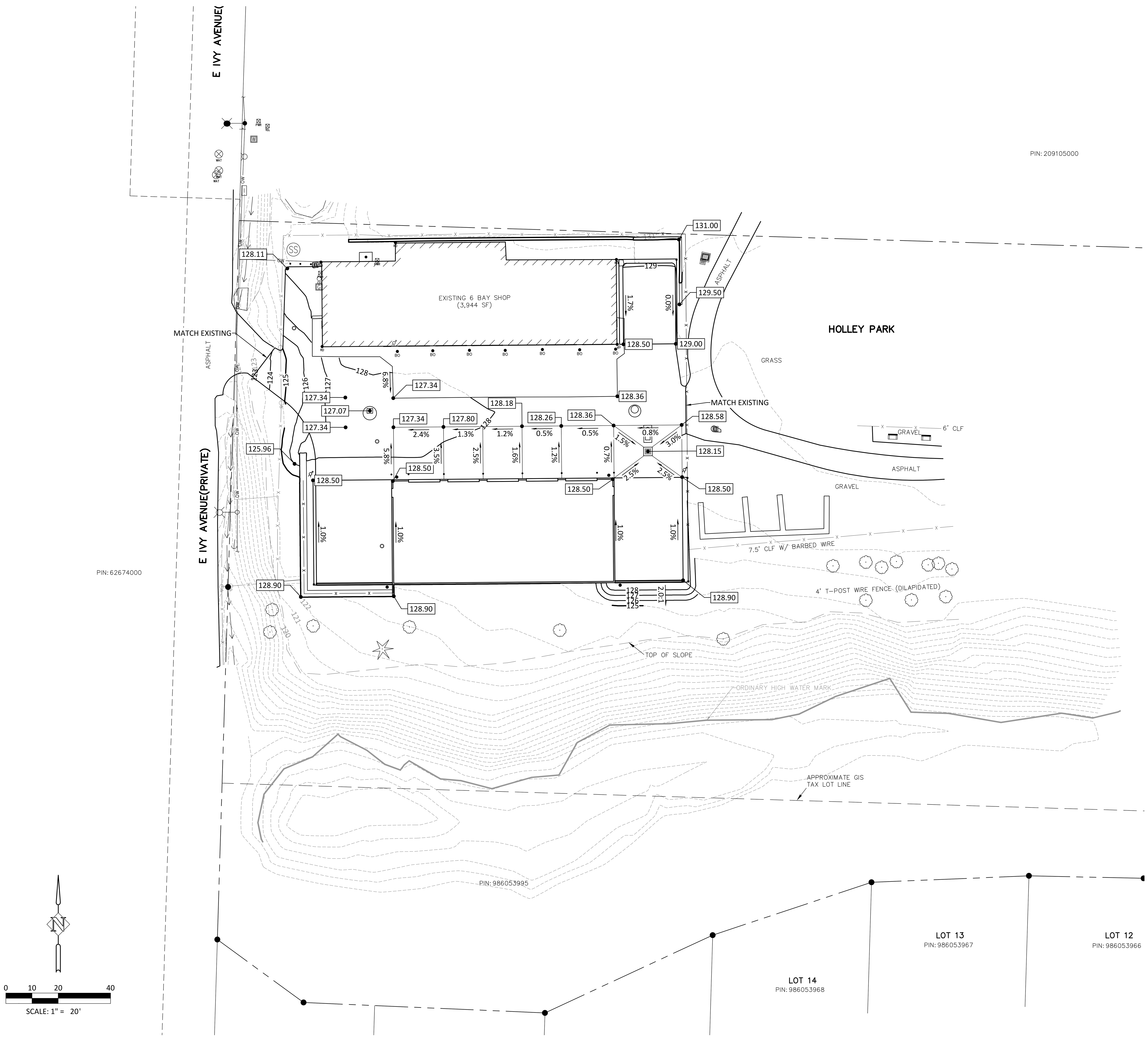

LEGEND

100	EXISTING CONTOUR
105	PROPOSED MAJOR CONTOUR
101	PROPOSED MINOR CONTOUR

DISTURBED AREA = 0.37 ACRES

VOLUMES FROM EXISTING TO FINISHED GRADE:
CUT = 21 CY
FILL = 605 CY

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

GRADING PLAN
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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DATE:	9/16/2025

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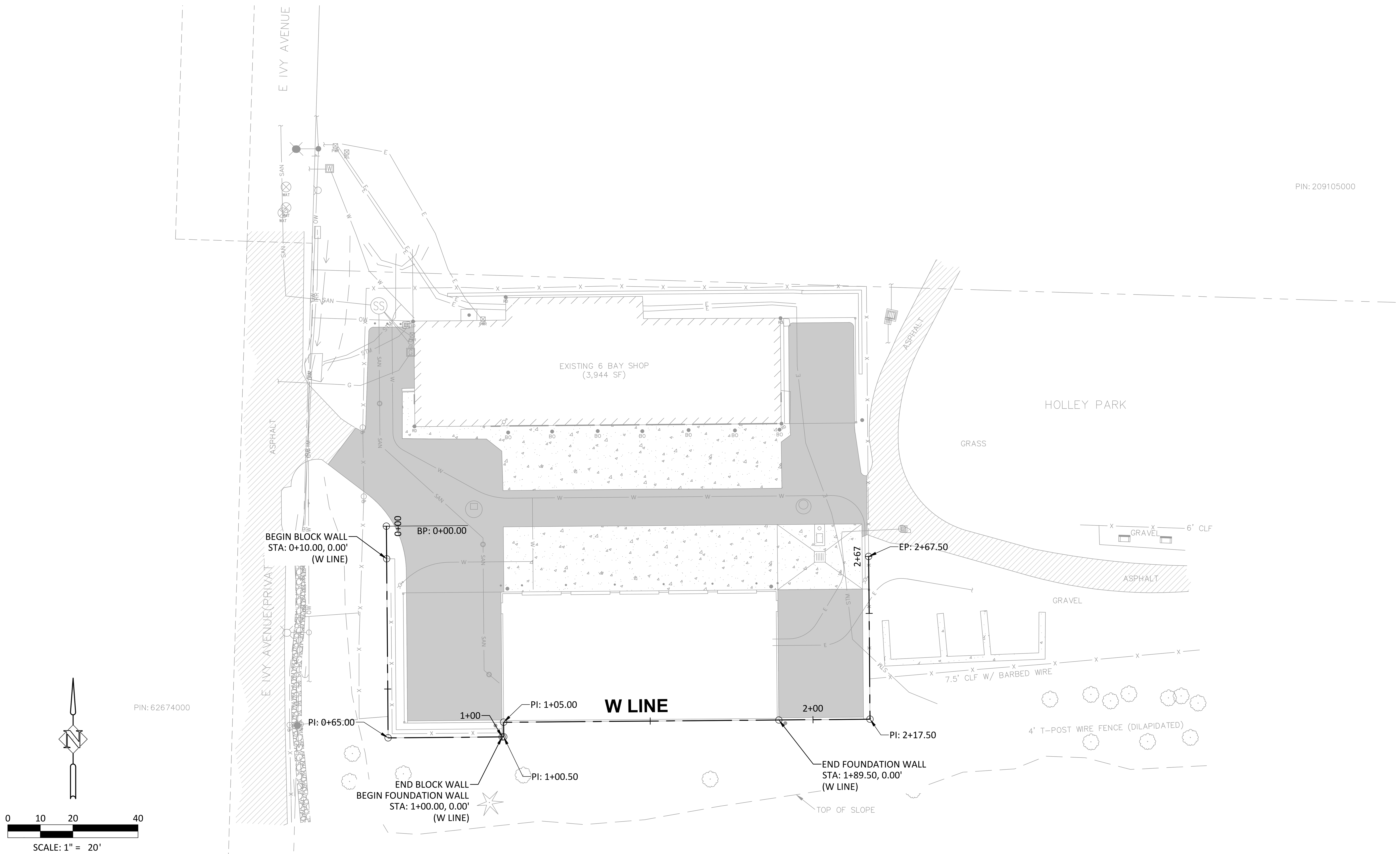
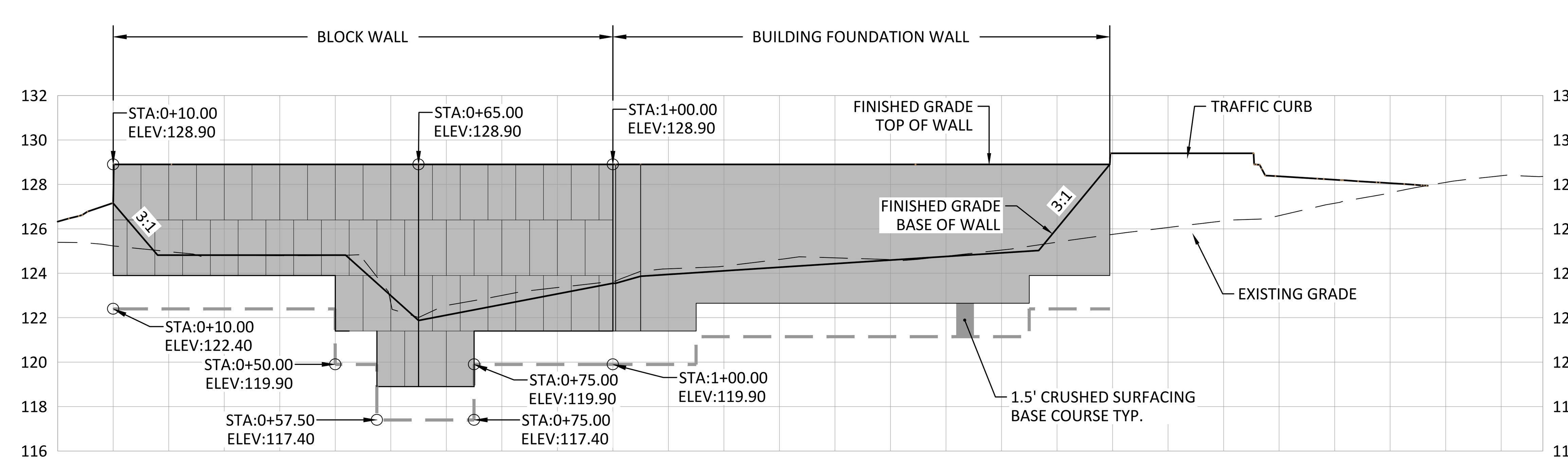
SHEET NO.
C1.1

JOB NO. CLC-07





W LINE

SCALE: 1" = 20' (HORIZ.)
1" = 5' (VERT.)

NOTE:
BLOCK WALL FRONTAL AREA = 620 S.F.

AT W LINE STA. 1+00, THE BLOCK WALL ENDS AT THE BUILDING FOUNDATION.

SEE STRUCTURAL SHEETS FOR ADDITIONAL INFORMATION.

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

RETAINING WALL PLAN AND PROFILE

PUBLIC WORKS SITE IMPROVEMENTS

LA CENTER, WASHINGTON

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PRELIMINARY

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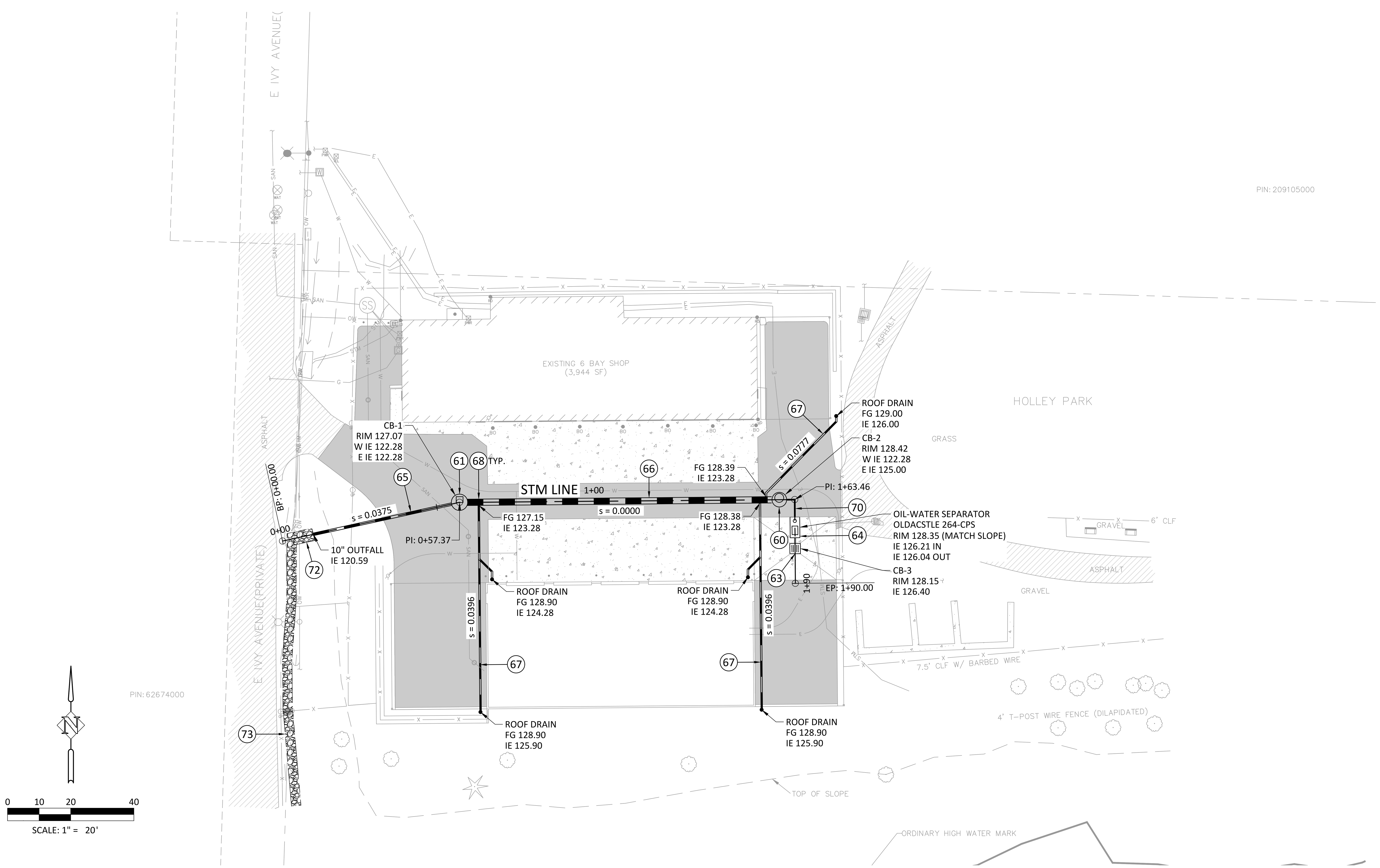
DATE:	9/16/2025

REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO.
C1.2

JOB NO. CLC-07

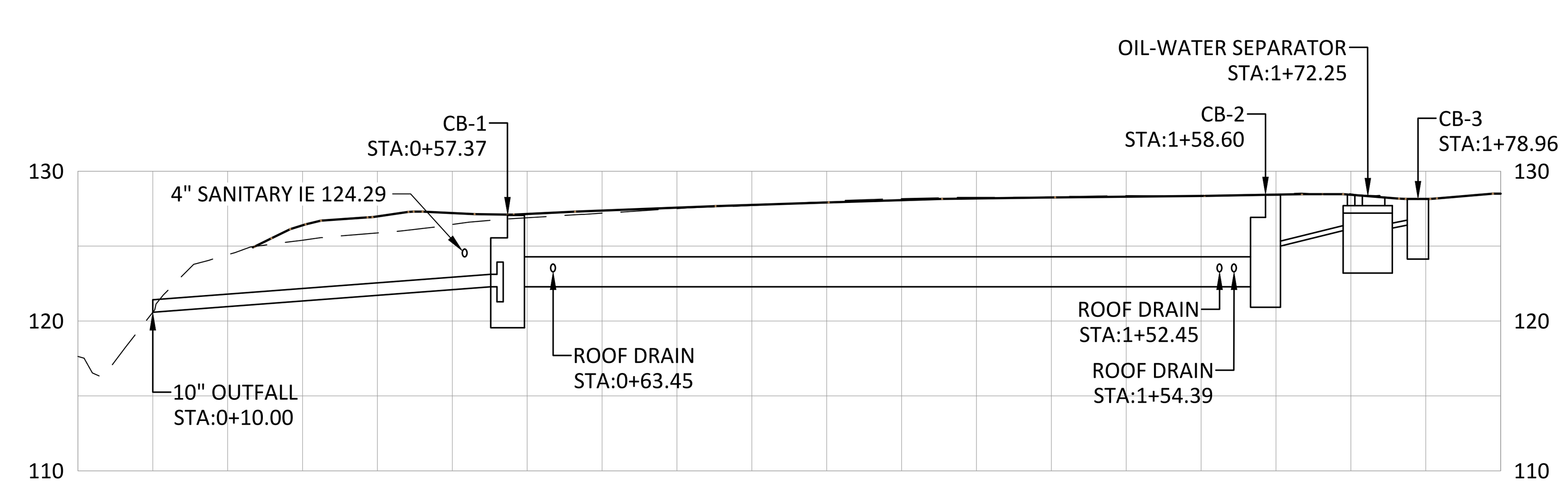


CONSTRUCTION NOTES:

- (60) CONSTRUCT 48" TYPE 2 CATCH BASIN WITH SOLID CIRCULAR LID PER DETAIL, SHEET D1.1.
- (61) CONSTRUCT 54" TYPE 2 CATCH BASIN WITH FLOW RESTRICTOR AND RECTANCULAR DIRECTIONAL VANED INLET PER DETAILS, SHEET D1.1.
- (63) CONSTRUCT TYPE 1 CATCH BASIN PER DETAIL, SHEET D1.1.
- (64) INSTALL OIL/WATER SEPERATOR, OLDCASTLE TYPE 264-CPS WITH HEAVY TRAFFIC TOP 264-T-CPS-HD PER DETAIL, SHEET D1.2.
- (65) INSTALL 10 IN. DIAM. ADS N-12 DUAL WALL STORM SEWER PIPE.
- (66) INSTALL 24 IN. DIAM. ADS N-12 DUAL WALL STORM SEWER PIPE.
- (67) INSTALL 6 IN. DIAM. ASTM D3034 SDR 35 PVC DRAIN PIPE WITH GASKETED FITTINGS.
- (68) CONNCET TO 24 IN PIPE USING ADS INSERTA TEE.
- (70) INSTALL 4 IN. DIAM. ASTM D3034 SDR 35 PVC DRAIN PIPE WITH GASKETED FITTINGS.
- (72) CONSTRUCT RIPRAP OUTFALL PAD PER DETAIL, SHEET D1.2.
- (73) INSTALL RIPRAP ALONG EXISTING DITCH PER DETAIL, SHEET D1.2.

LEGEND

- STORM LINE
- AREA DRAIN
- CATCH BASIN TYPE 1
- DOWNSPOUT
- CATCH BASIN TYPE 2



STM LINE

SCALE: 1" = 20' (HORIZ.)
1" = 10' (VERT.)

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

STORM DRAINAGE PLAN
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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STATE OF WASHINGTON
21015676
REGISTERED
PROFESSIONAL ENGINEER
PRELIMINARY

DESIGNED:	DRAWN:	CHECKED:	DATE:
DJW	DJW	BMH	9/16/2025

DATE	NO.	DESCRIPTION

REVISIONS

SHEET NO.
C1.3

JOB NO.
CLC-07

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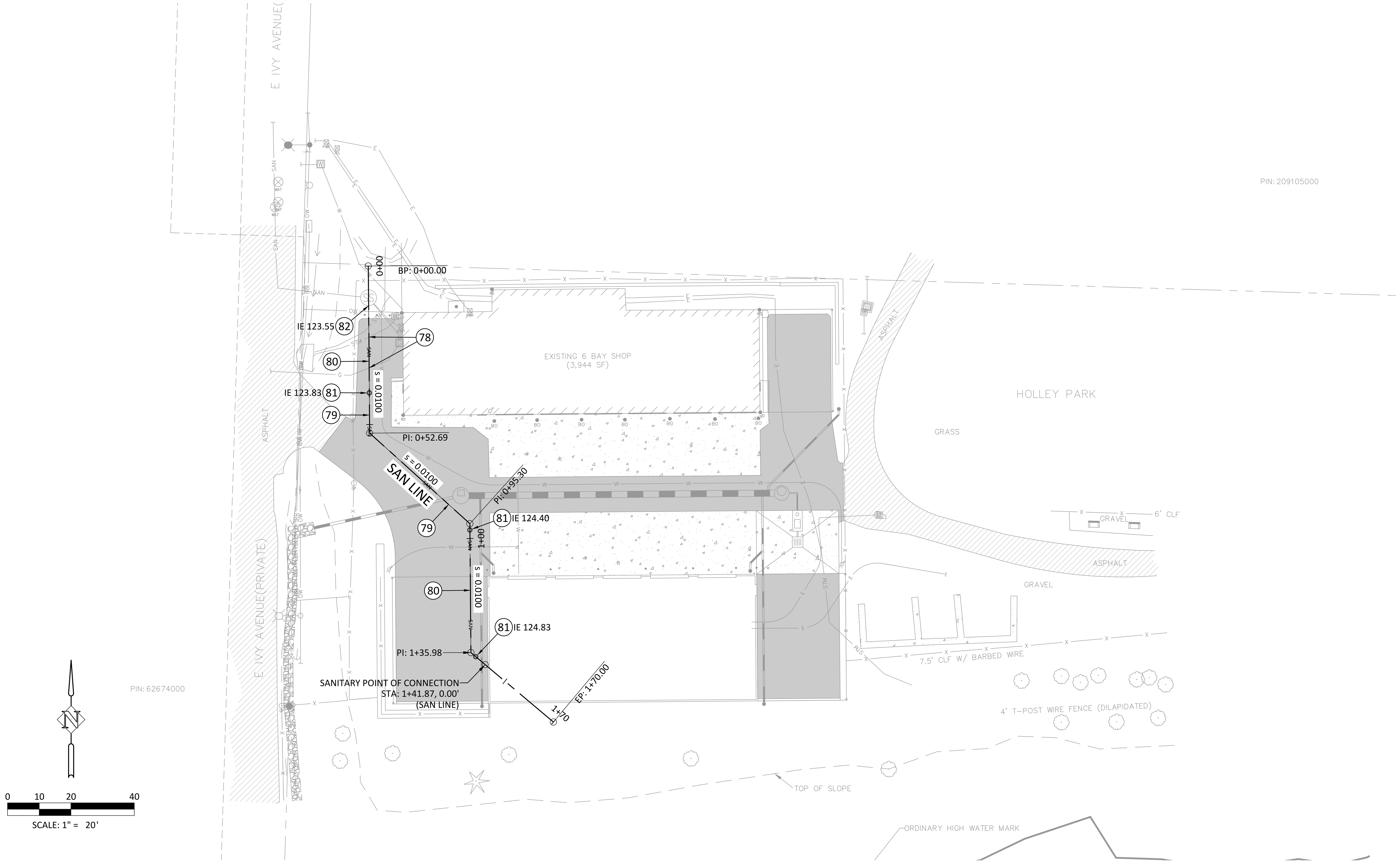
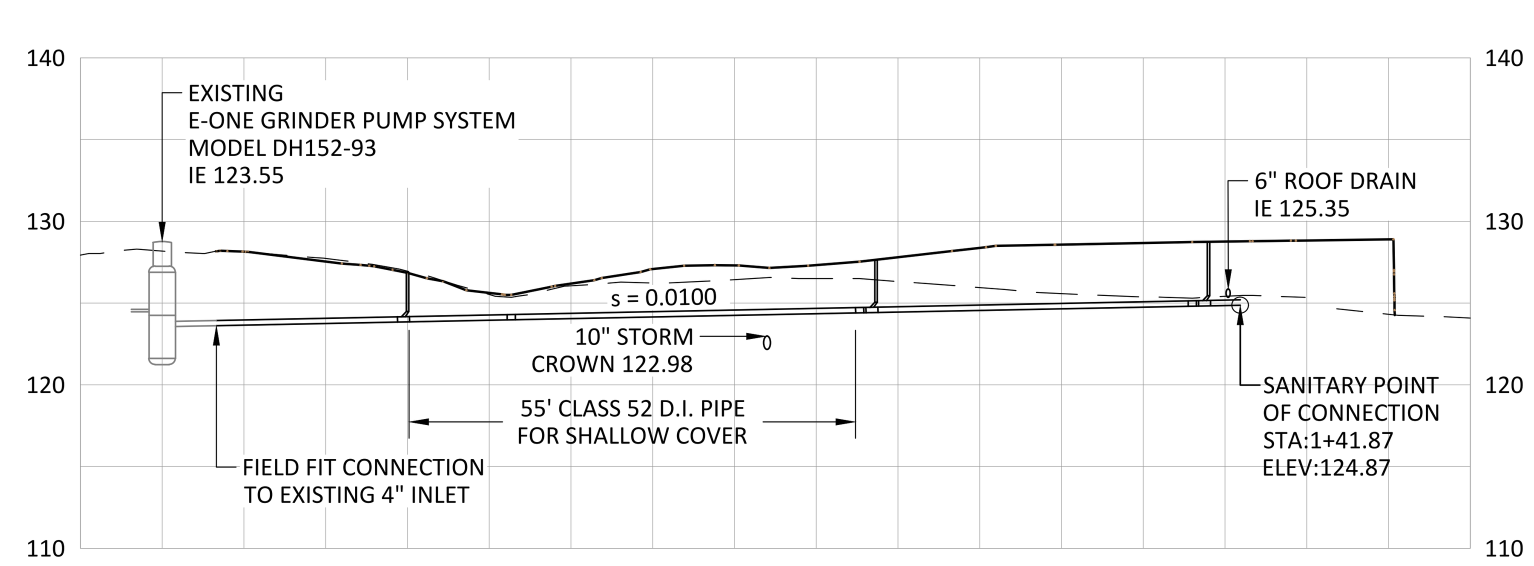
CONSTRUCTION NOTES:

78. UKNOWN UTILITY CROSSING DEPTH. POTHOLE PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF CONFLICTS EXIST.
79. INSTALL 4 IN. DIAM. CLASS 52 DUCTILE IRON PIPE FOR SHALLOW COVER. SEE PROFILE, THIS SHEET.
80. INSTALL 4 IN. DIAM. C900 DR18 PVC SANITARY SEWER PIPE WITH GASKETED FITTINGS.
81. CONSTRUCT SANITARTY SEWER CLEANOUT PER DETAIL, SHEET D1.4.
82. CUT AND FIELD FIT CONNECTION TO EXISTING 4" SANITARY SEWER LINE.



LEGEND

SAN	SANITARY LINE
o	SANITARY SEWER CLEANOUT



SAN LINE

SCALE: 1" = 20' (HORIZ.)
1" = 10' (VERT.)

SANITARY SEWER PLAN

PUBLIC WORKS SITE IMPROVEMENTS

LA CENTER, WASHINGTON

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1220 Main Street, Suite 150, Vancouver, WA 98660
phone: 360.750.1131 www.hhpr.com fax: 360.750.1141

PRELIMINARY

ALLEN J. WIS... STATE OF WASHINGTON 21015676 REGISTERED PROFESSIONAL ENGINEER

DESIGNED:	DJW
DRAWN:	DJW
CHECKED:	BMH
DATE:	9/16/2025

REVISIONS

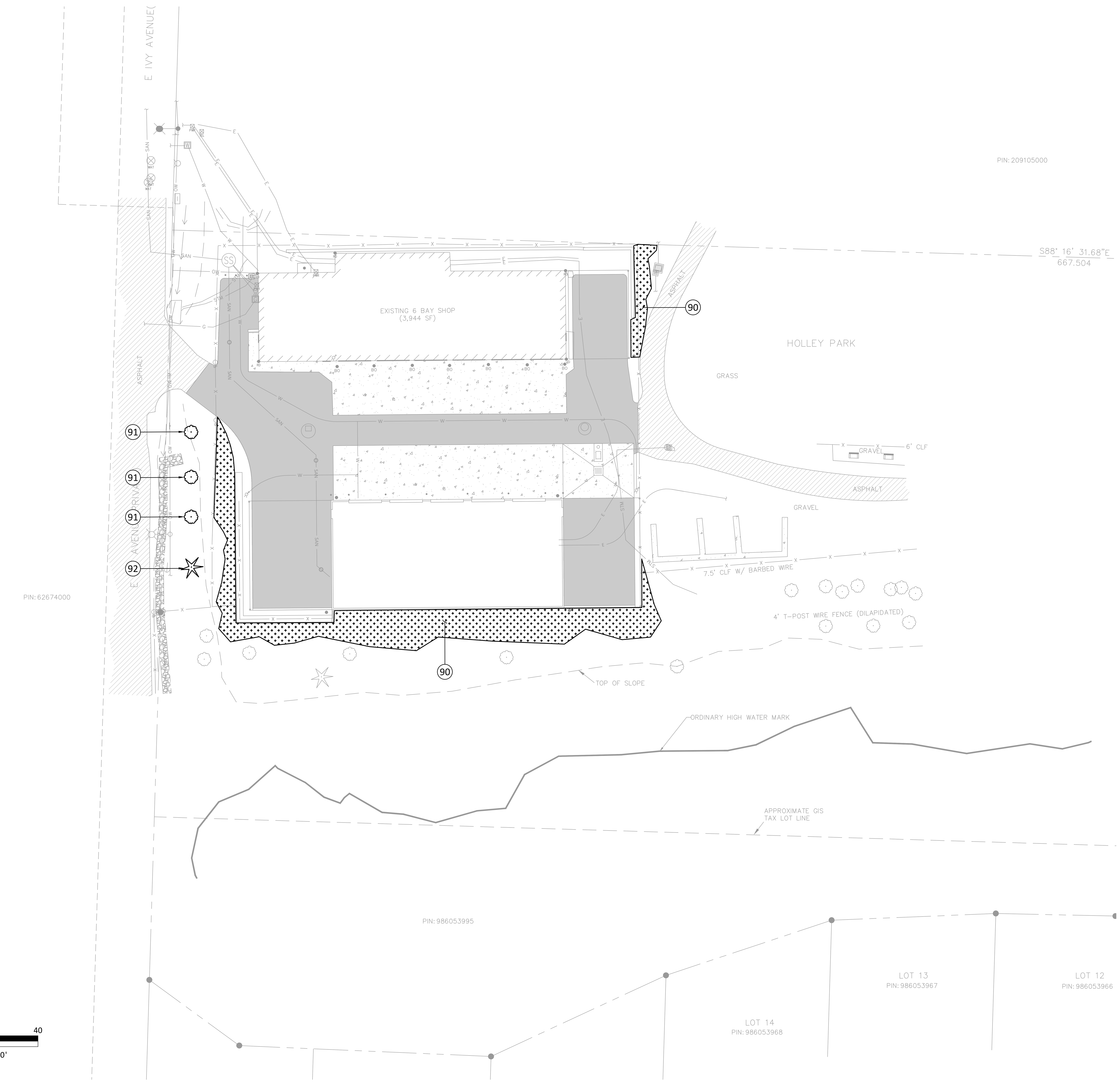
DATE	NO.	DESCRIPTION

SHEET NO.

C1.4

JOB NO. CLC-07

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION



CONSTRUCTION NOTES:

(90) PREPARE WEED-FREE SURFACE WITH 3" TOPSOIL, 2" COMPOST BLANKET. PLACE FERTILIZER AND GRASS SEED.

(91) PLANT 2" CALIPER DECIDUOUS TREE FROM CITY OF LA CENTER NATIVE PLANT LIST, MUNICIPAL CODE 18.340.

(92) PLANT 6' - 8' CONIFER TREE FROM CITY OF LA CENTER NATIVE PLANT LIST, MUNICIPAL CODE 18.340.

CONTRACTOR SHALL SUBMIT RESTORATION PLAN INCLUDING MATERIALS, APPLICATION RATES, AND SEQUENCE OF THE WORK FOR APPROVAL BY THE ENGINEER.

LEGEND

SEEDING AREA

DECIDUOUS TREE

CONIFEROUS TREE

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

RESTORATION PLAN
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

HHPR
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PRELIMINARY

DESIGNED: DJW
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DATE: 9/16/2025

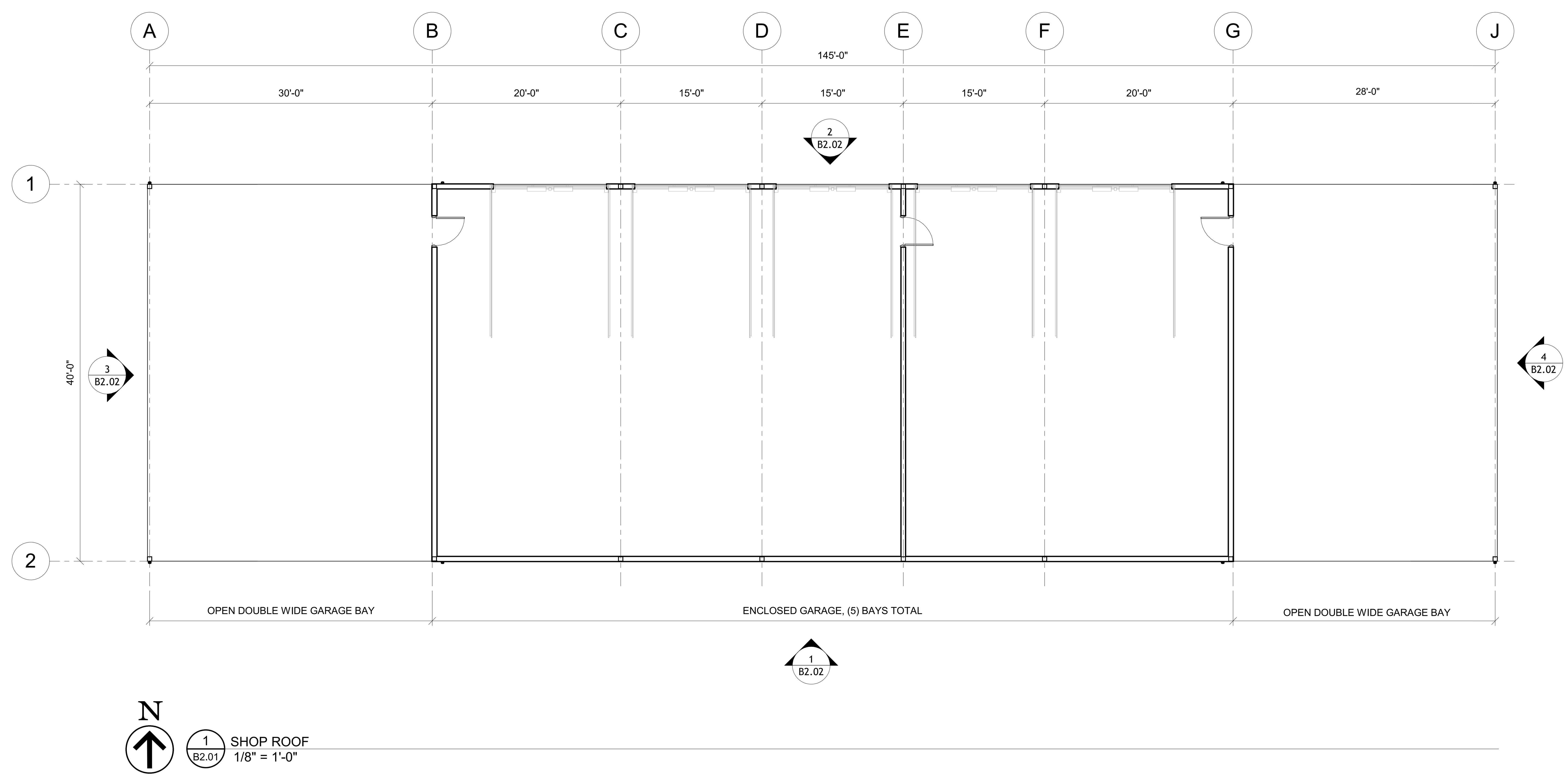
DATE	NO.	DESCRIPTION

REVISIONS

SHEET NO.
C1.5

JOB NO.
CLC-07

P:\02-Vancouver\CLC (City of La Center)\CLC-07 (Public Works Operation Center)\CLC07-DWGS\Sheets\ C1.5 - RESTORATION PLAN.dwg



SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

SHOP FLOOR PLAN
PUBLIC WORKS OPERETIONS CENTER
291 EAST IVY AVE. LA CENTER, WA 98629

HHPR
Harper
Houf Peterson
Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

PRELIMINARY

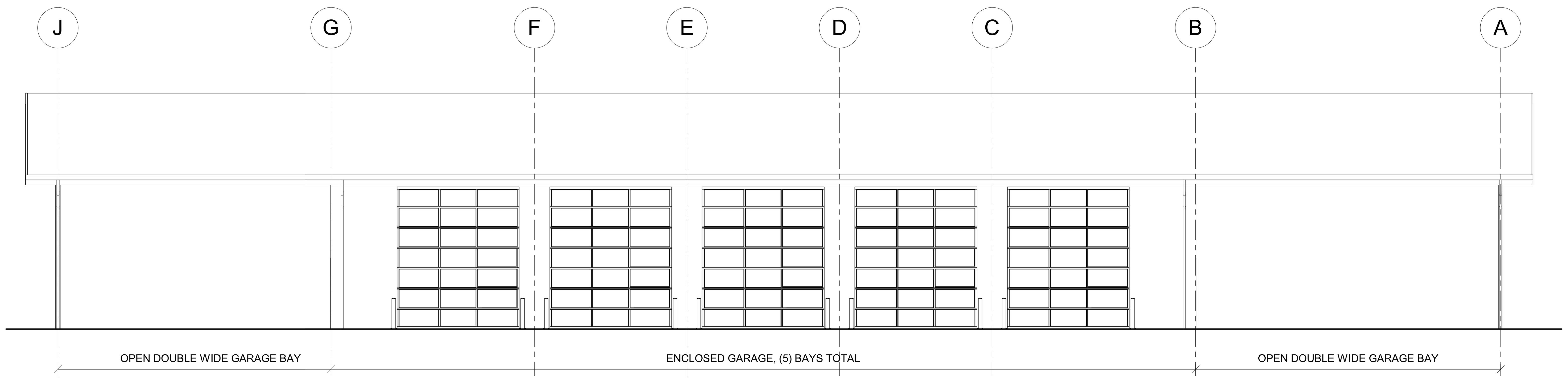
DESIGNED:	JAS
DRAWN:	HHPR
CHECKED:	JAS
DATE:	9/16/2025

REVISIONS

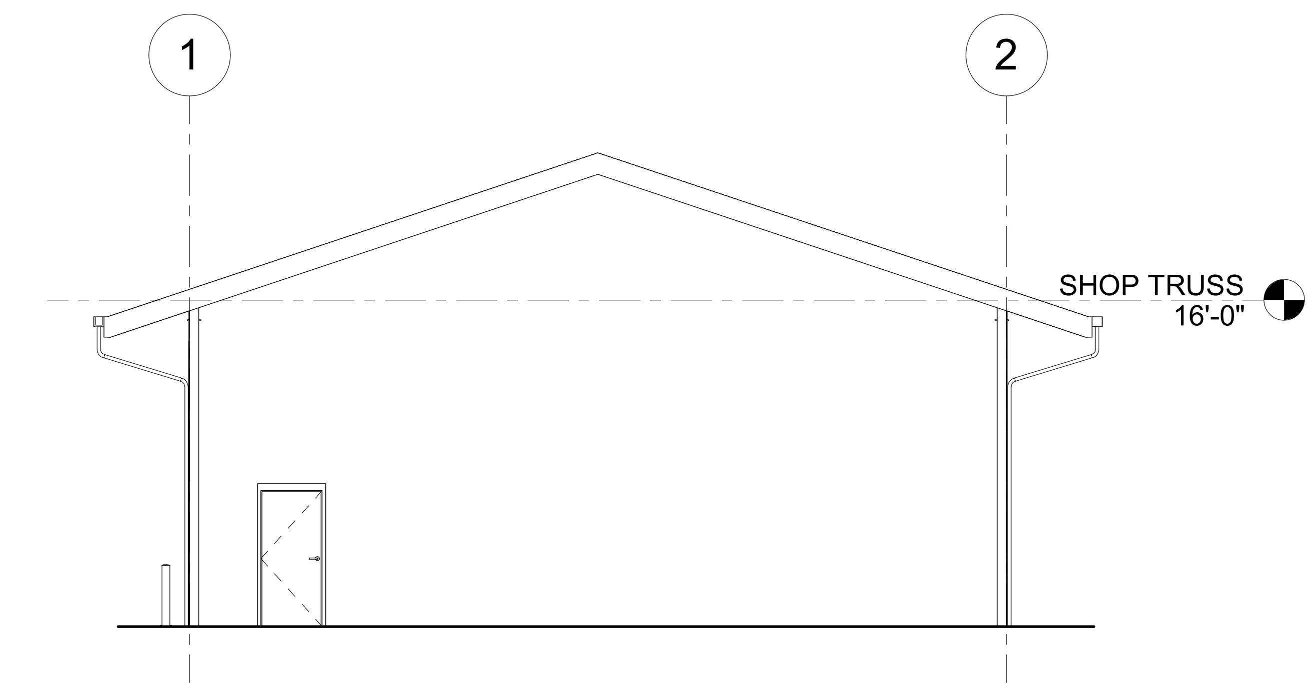
DATE	NO.	DESCRIPTION

SHEET NO.
B2.01

JOB NO. CLC-07



2 B2.02 SOUTH ELEVATION
1/8" = 1'-0"



3 B2.02 EAST ELEVATION
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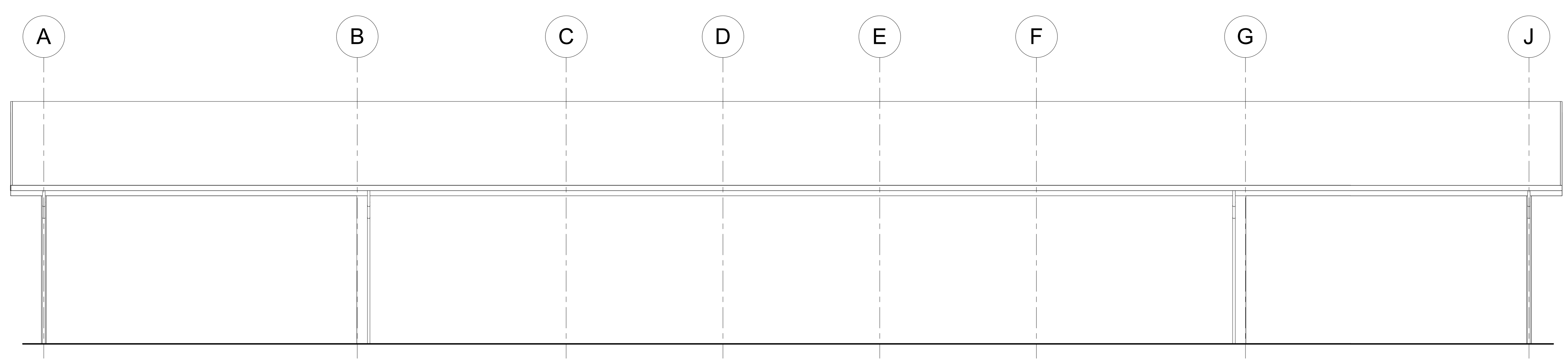
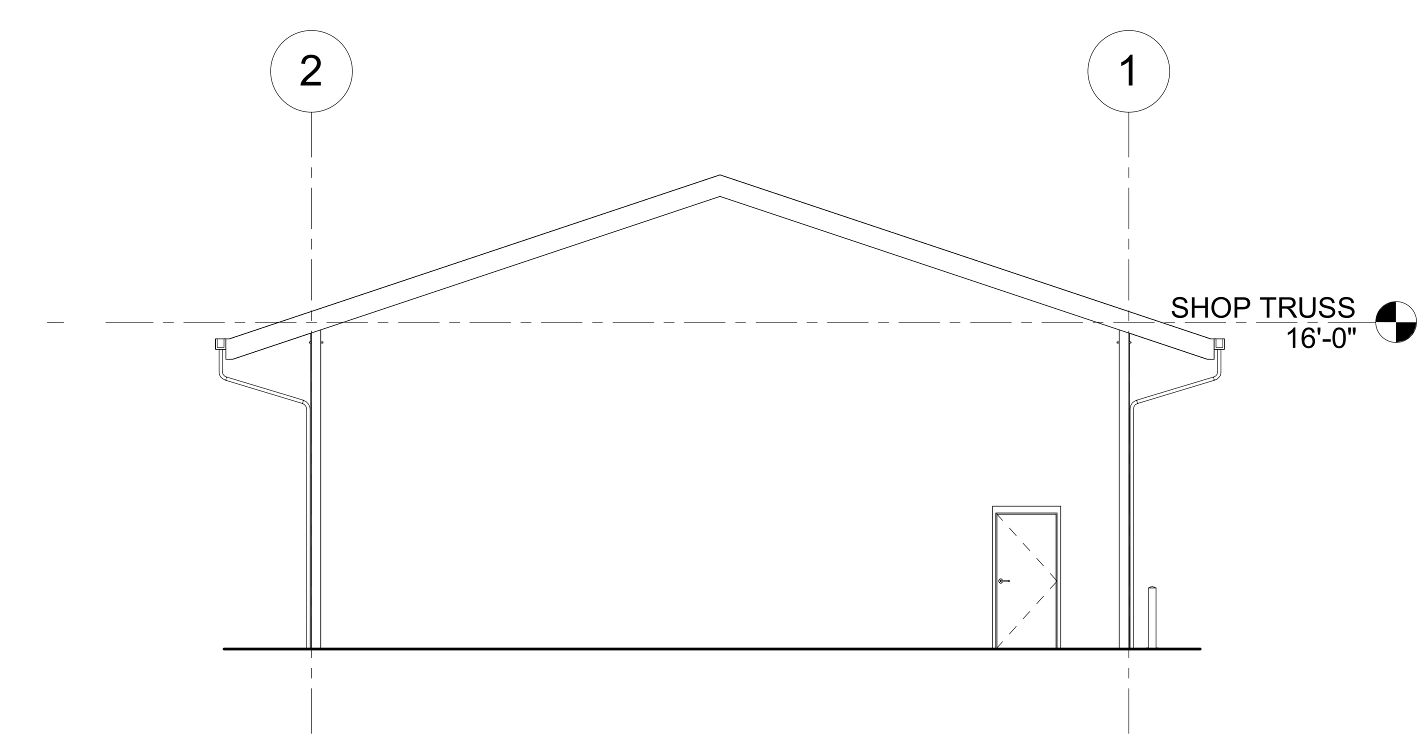


1 B2.02 NORTH ELEVATION
1/8" = 1'-0"



4 B2.02 WEST ELEVATION
1/8" = 1'-0"

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

SHOP ELEVATIONS
PUBLIC WORKS OPERETIONS CENTER
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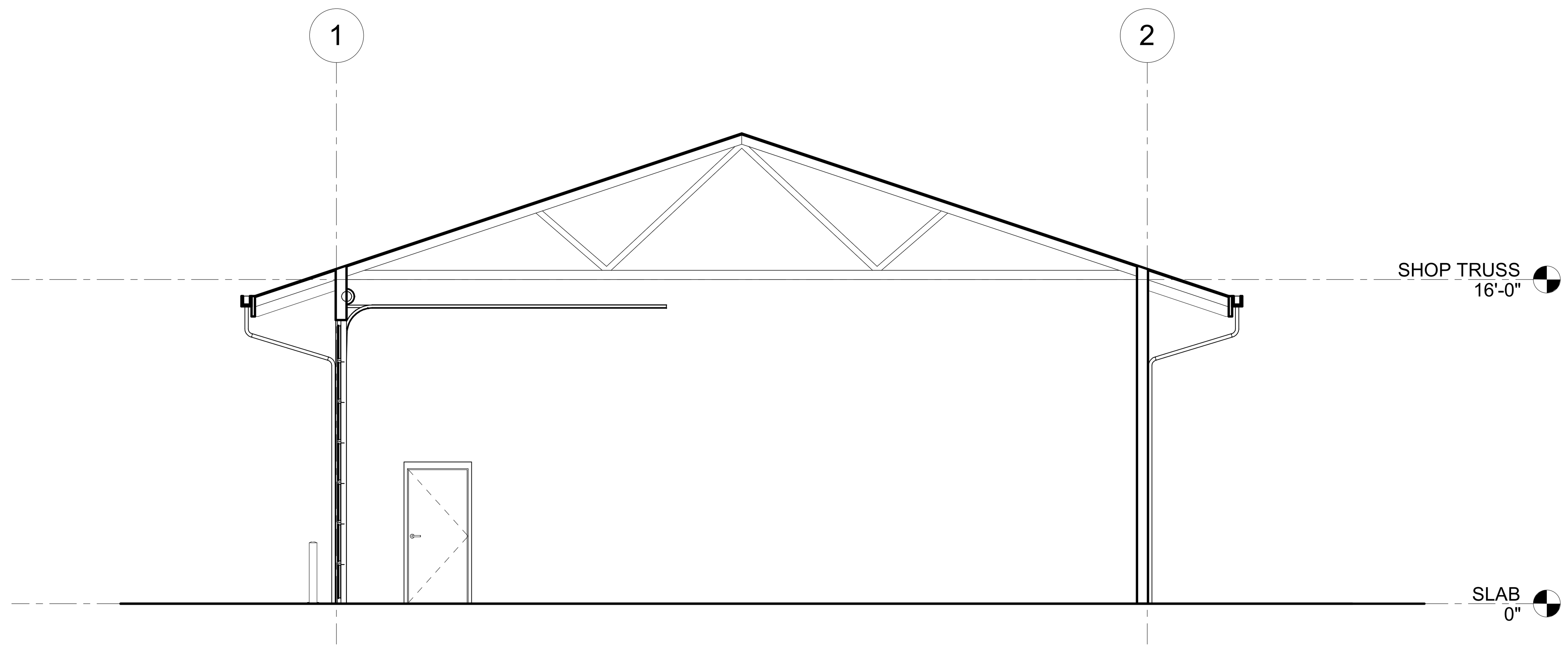
REVISIONS

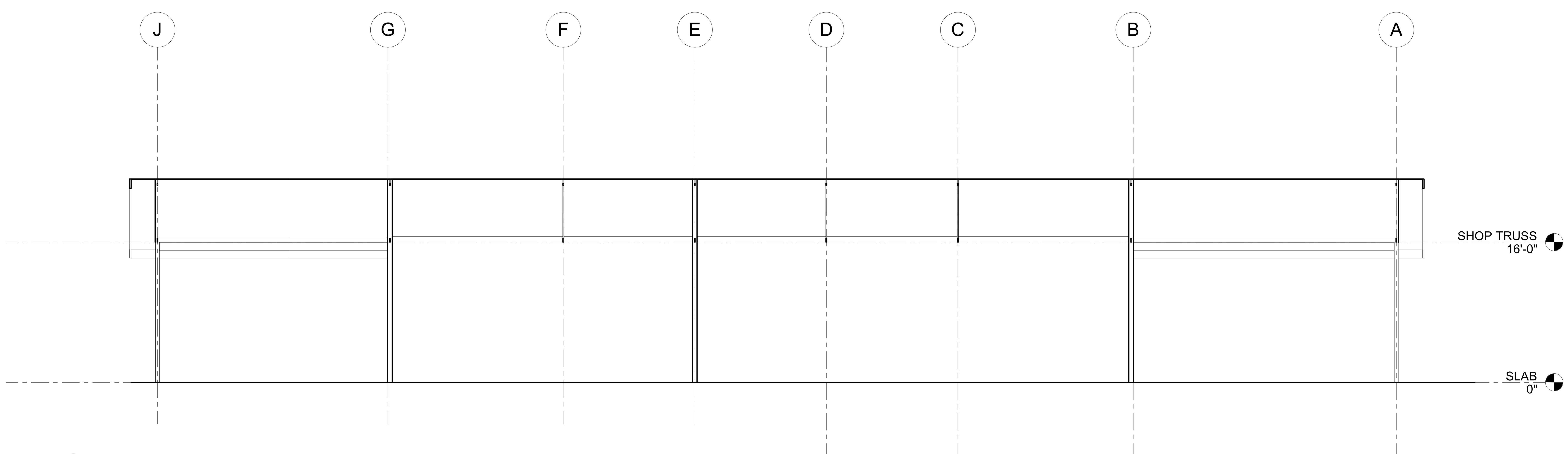
DATE	NO.	DESCRIPTION

SHEET NO.
B2.02

JOB NO.
CLC-07



2 B2.03 SECTION
3/16" = 1'-0"



1 B2.03 SECTION
1/8" = 1'-0"

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

SHOP SECTIONS
PUBLIC WORKS OPERETIONS CENTER
291 EAST IVY AVE. LA CENTER, WA 98629

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DATE:	9/16/2025

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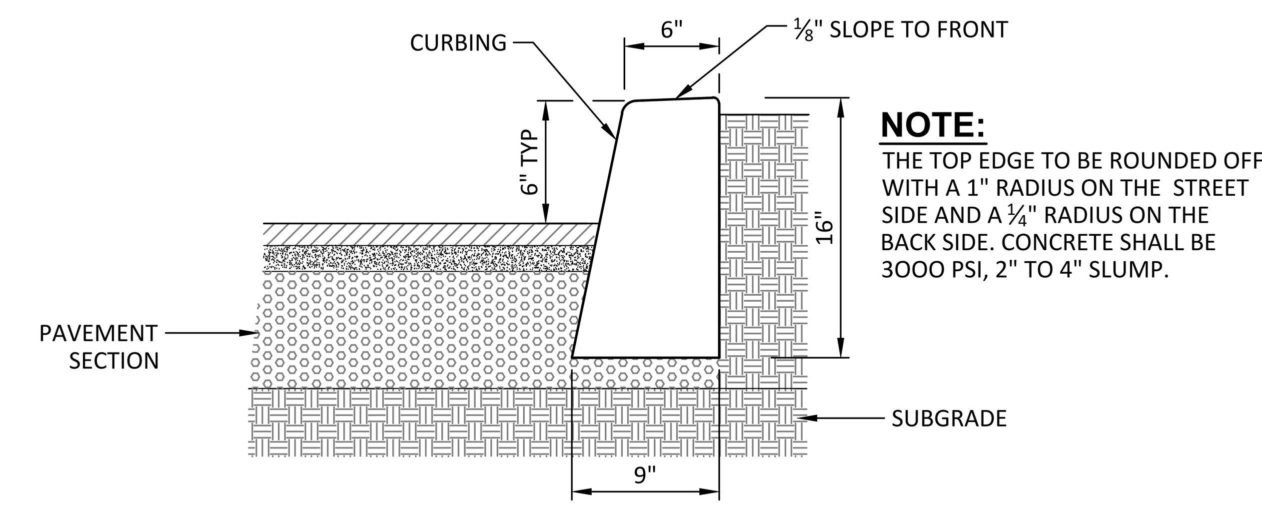
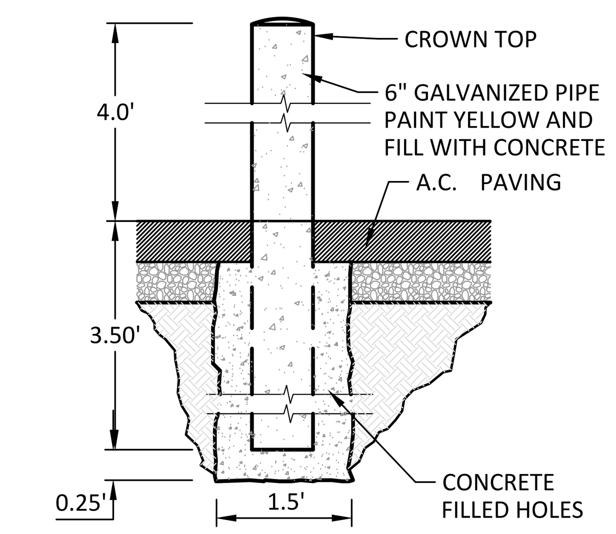
SHEET NO.
B2.03

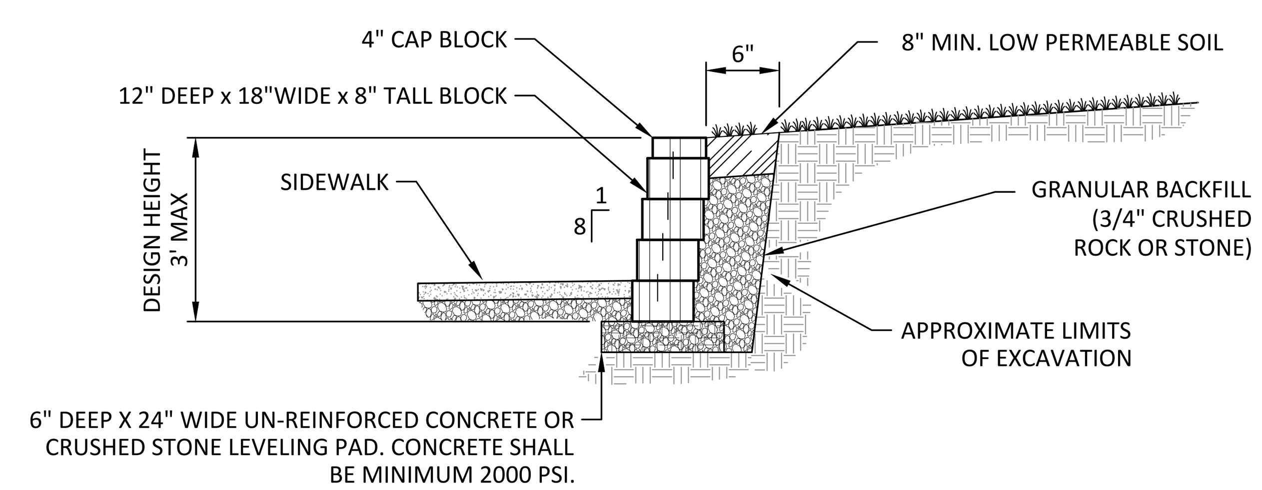
JOB NO. CLC-07



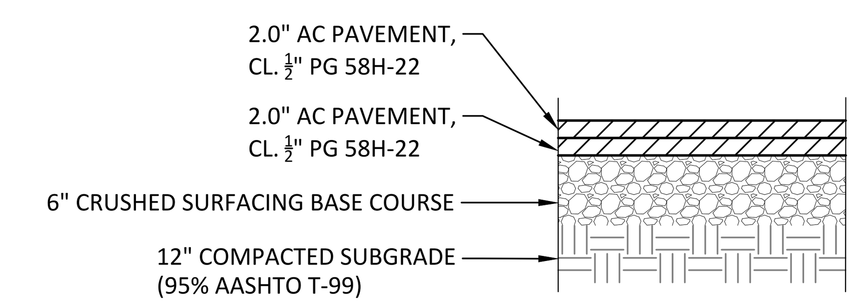
STANDARD CURB
NTS



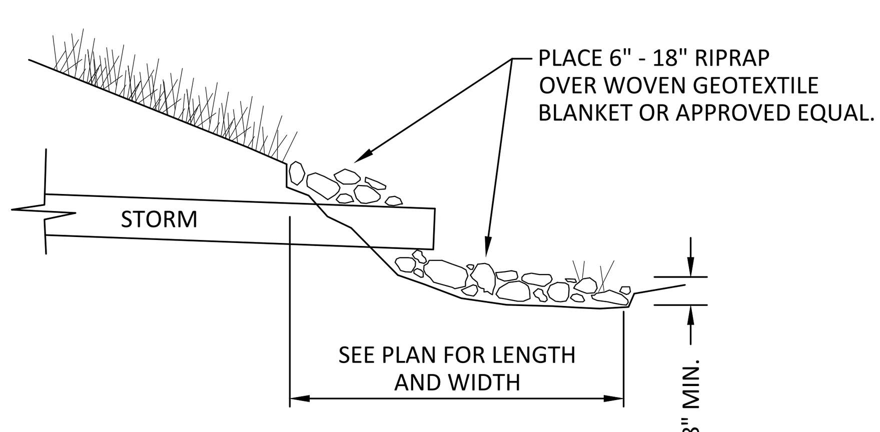
6" BOLLARD
NTS



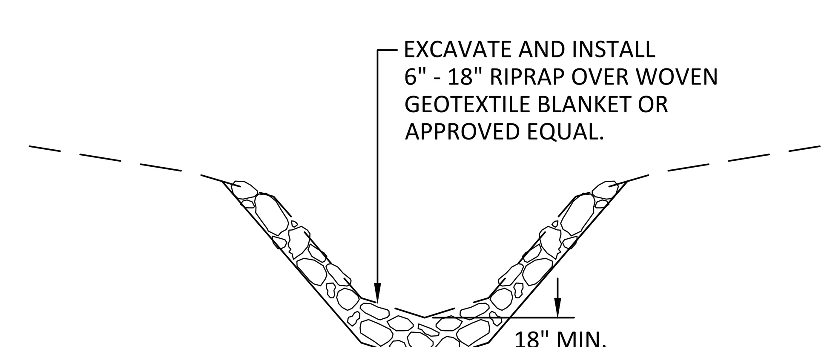
LANDSCAPE RETAINING WALL - PREFABRICATED MODULAR BLOCK
NTS



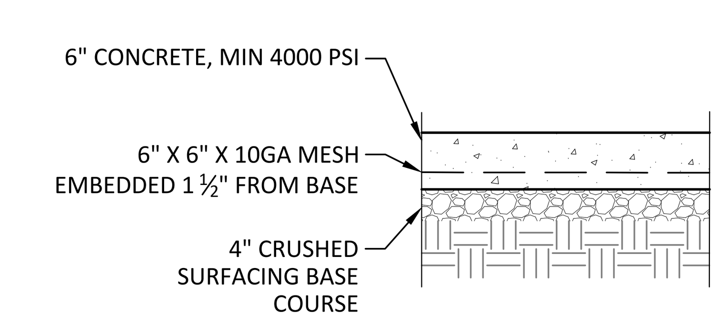
ASPHALT PAVEMENT SECTION
NTS



ROCK OUTFALL
NTS



ROCK ARMORED DITCH
NTS



CONCRETE PAVEMENT SECTION
NTS

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

DETAILS
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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LANDSCAPE ARCHITECTS • SURVEYORS
1220 Main Street, Suite 150, Vancouver, WA 98660
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PRELIMINARY

DESIGNED:	DJW
DRAWN:	DJW
CHECKED:	BMH
DATE:	9/16/2025

REVISIONS

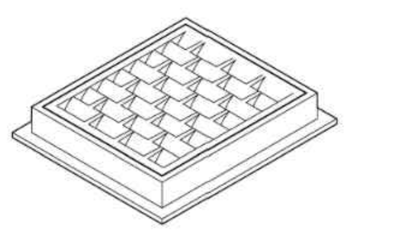
DATE	NO.	DESCRIPTION

SHEET NO.
D1.0

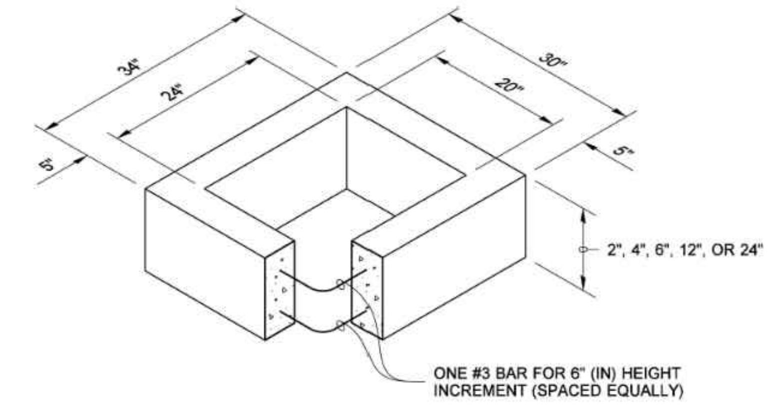
JOB NO. CLC-07

P:\02-Vancouver\CLC (City of La Center)\CLC-07 (Public Works Operation Center)\CLC07-DWGS\Sheets\ D1.0 - DETAILS.dwg

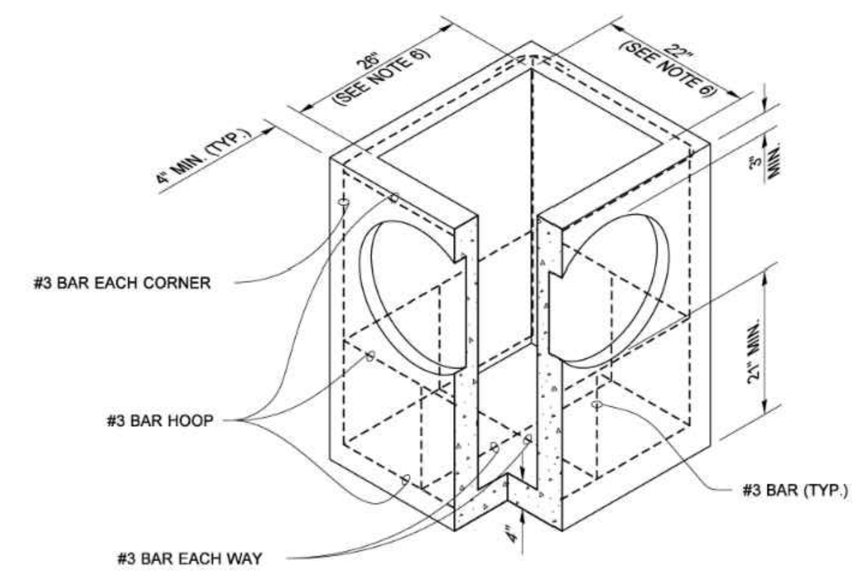
DRAWN BY: FERN LIDDELL



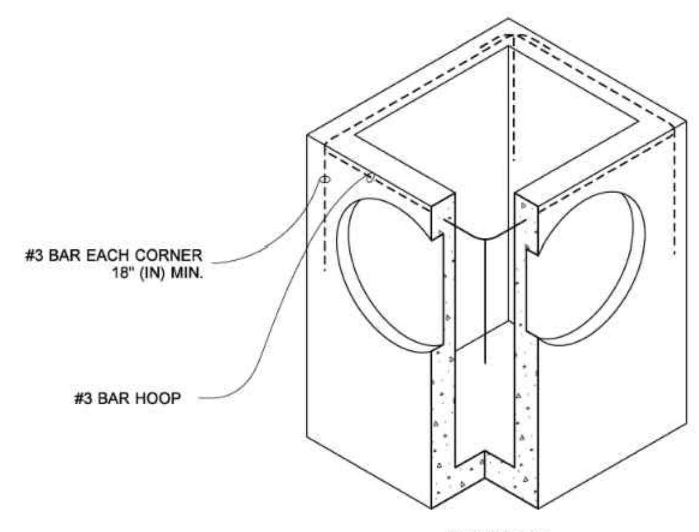
FRAME AND VANED GRATE



RECTANGULAR ADJUSTMENT SECTION



PRECAST BASE SECTION



(SEE NOTE 1)

ALTERNATIVE PRECAST BASE SECTION

PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER (INCHES)
REINFORCED OR PLAIN CONCRETE	12"
ALL METAL PIPE	15"
CPSSP ★ (STD. SPEC. SECT. 9-05.20)	12"
SOLID WALL PVC (STD. SPEC. SECT. 9-05.12(1))	15"
PROFILE WALL PVC (STD. SPEC. SECT. 9-05.12(2))	15"

★ CORRUGATED POLYETHYLENE STORM SEWER PIPE

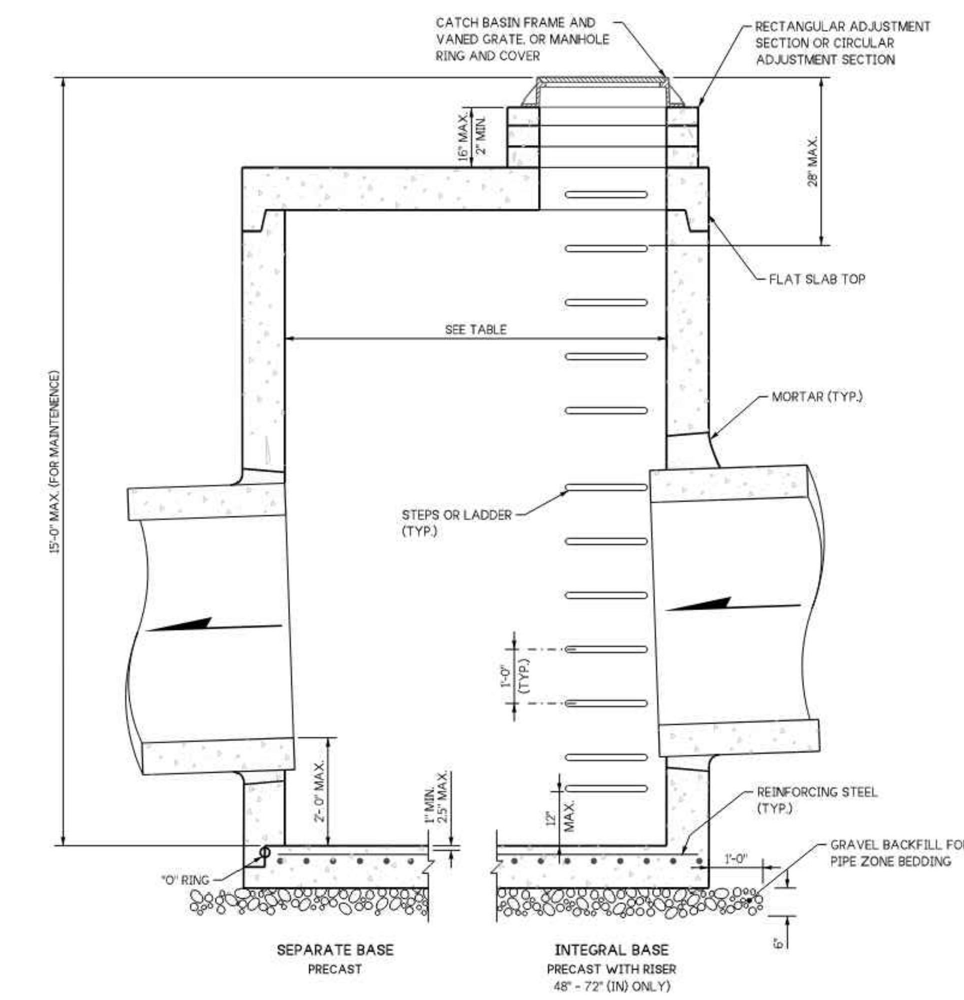
NOTES

1. As acceptable alternatives to the rebar shown in the **PRECAST BASE SECTION**, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the **ALTERNATIVE PRECAST BASE SECTION**. Wire mesh shall not be placed in the knockouts.
2. The knockout diameter shall not be greater than 20" (in). Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with **Standard Specification Section 9-04.3**.
3. The maximum depth from the finished grade to the lowest pipe invert shall be 5' (ft).
4. The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.
5. The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1 : 24 or steeper.
6. The opening shall be measured at the top of the **Precast Base Section.**
7. All pickup holes shall be grouted full after the basin has been placed.

CATCH BASIN TYPE 1

STANDARD PLAN B-5.20-03

SHEET 1 OF 1 SHEET



NOTES:

1. No steps are required when height is 4' or less.
2. The bottom of the precast catch basin may be sloped to facilitate cleaning.
3. The rectangular frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.
4. Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with **Standard Specification Section 9-04.3**.
5. Pipe allowances will vary depending on the pipe material used. Contact the Region Hydraulics Engineer for assistance.

CATCH BASIN DIMENSIONS				
CATCH BASIN DIAMETER	MIN. WALL THICKNESS	MIN. BASE THICKNESS	MAXIMUM KNOCKOUT SIZE	MINIMUM DISTANCE BETWEEN KNOCKOUTS
48"	4"	6"	36"	8"
54"	4.5"	8"	42"	8"
60"	5"	8"	48"	8"
72"	6"	8"	60"	12"
84"	8"	12"	72"	12"
96"	8"	12"	84"	12"
120"	10"	12"	96"	12"
144"	12"	12"	108"	12"

PIPE ALLOWANCES					
CATCH BASIN DIAMETER	PIPE MATERIAL WITH MAXIMUM INSIDE DIAMETER				
	CONCRETE	ALL METAL	CPSSP ① PP ④	SOLID WALL PVC ②	PROFILE WALL PVC ③
48"	24"	30"	24"	30"	30"
54"	30"	36"	30"	36"	36"
60"	36"	42"	36"	42"	42"
72"	42"	54"	42"	48"	48"
84"	54"	60"	54"	48"	48"
96"	60"	72"	60"	48"	48"
120"	66"	84"	60"	48"	48"
144"	78"	96"	60"	48"	48"

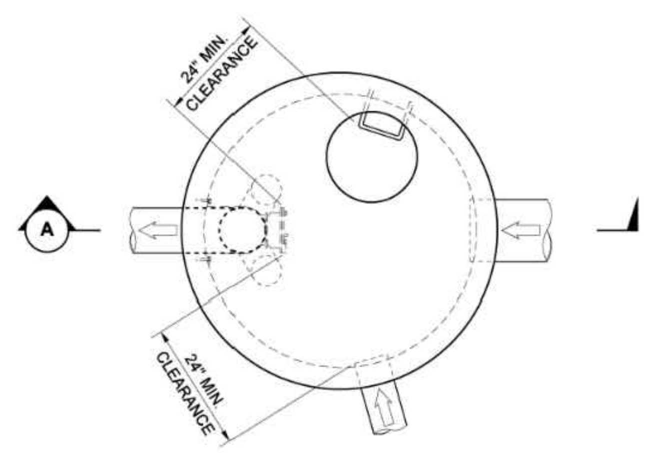
① Corrugated Polyethylene Storm Sewer Pipe (See Standard Specification Section 9-05.20)
② (See Standard Specification Section 9-05.12(1))
③ (See Standard Specification Section 9-05.12)2))
④ Polypropolyne Pipe (See Standard Specification Section 9-05.24)

CATCH BASIN TYPE 2

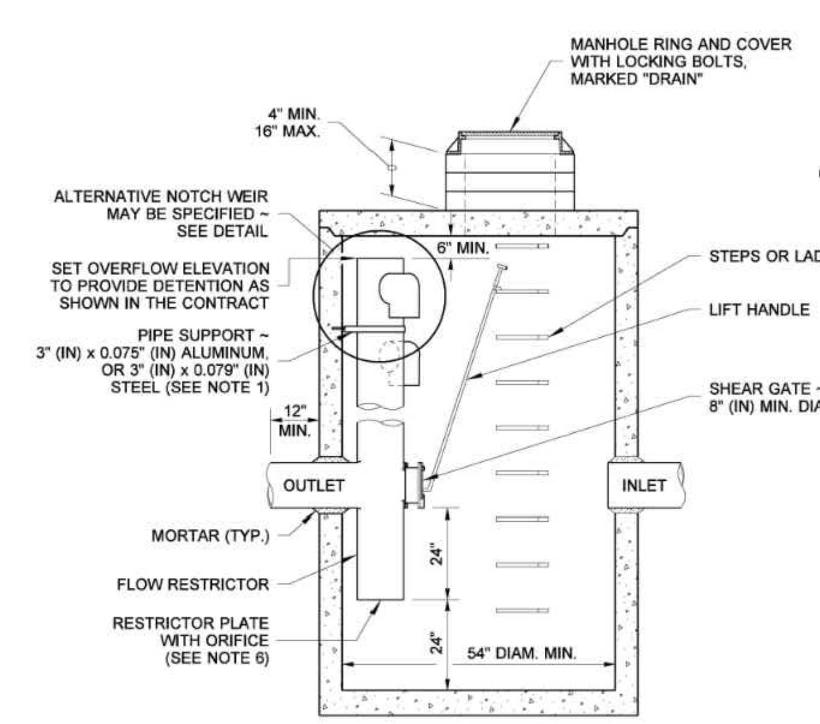
STANDARD PLAN B-10.20-03

SHEET 1 OF 1 SHEET

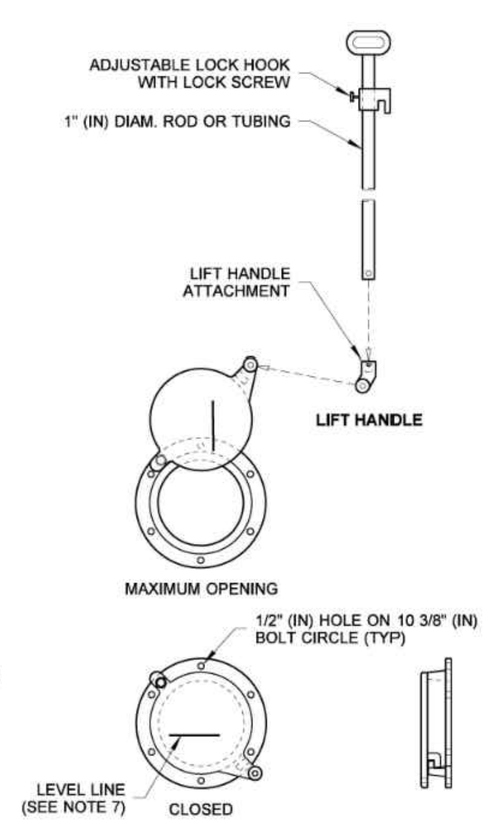
DRAWN BY: FERN LIDDELL



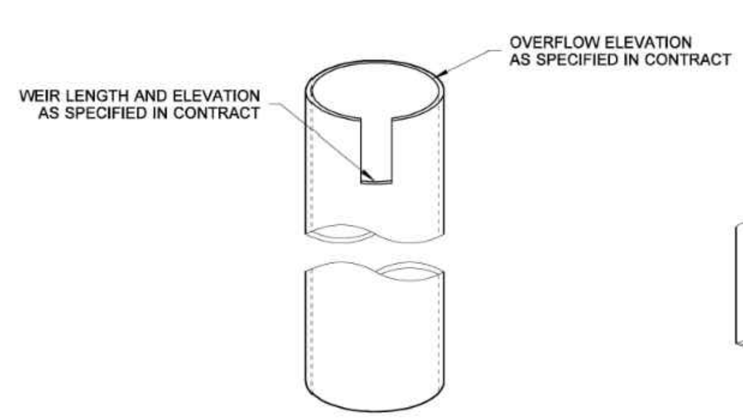
PLAN VIEW



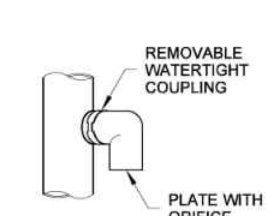
SECTION (A)



SHEAR GATE DETAILS



NOTCH WEIR DETAIL



ELBOW DETAIL

NOTES

1. The pipe supports and the flow restrictor shall be constructed of the same material and be anchored at a maximum spacing of 36" (in). Attach the pipe supports to the manhole with 5/8" (in) stainless steel expansion bolts or embed the supports into the manhole wall 2" (in).
2. The vertical riser stem of the flow restrictor shall be the same diameter as the horizontal outlet pipe with a minimum diameter of 12" (in).
3. The flow restrictor shall be fabricated from one of the following materials:
   0.060" (in) Corrugated Aluminum Alloy Drain Pipe
   0.064" (in) Corrugated Galvanized Steel Drain Pipe with Treatment 1
   0.064" (in) Corrugated Aluminized Steel Drain Pipe
   0.060" (in) Aluminum alloy flat sheet, in accordance with **ASTM B 209, 5052 H32 or EPS**
   High Density Polyethylene Storm Sewer Pipe
4. The frame and ladder or steps are to be offset so that: the shear gate is visible from the top; the climb-down space is clear of the riser and gate; the frame is clear of the curb.
5. The multi-orifice elbows may be located as shown, or all placed on one side of the riser to assure ladder clearance. The size of the elbows and their placement shall be specified in the Contract.
6. Restrictor plate with orifice as specified in the Contract. The opening is to be cut round and smooth.
7. The shear gate shall be made of aluminum alloy in accordance with **ASTM B 26 and ASTM B 275**, designation **ZG32A**; or cast iron in accordance with **ASTM A 48, Class 30B**.
   The lift handle shall be made of a similar metal to the gate (to prevent galvanic corrosion), it may be of solid rod or hollow tubing, with adjustable hook as required.
   A neoprene rubber gasket is required between the riser mounting flange and the gate flange.
   Install the gate so that the level-line mark is level when the gate is closed.
   The mating surfaces of the lid and the body shall be machined for proper fit.
   All shear gate bolts shall be stainless steel.
8. The shear gate maximum opening shall be controlled by limited hinge movement, a stop tab, or some other device.
9. Alternative shear gate designs are acceptable if material specifications are met.

SEE SHEET D1.2 FOR FLOW RESTRICTOR DETAIL

CATCH BASIN TYPE 2 WITH FLOW RESTRICTOR

STANDARD PLAN B-10.40-02

SHEET 1 OF 1 SHEET

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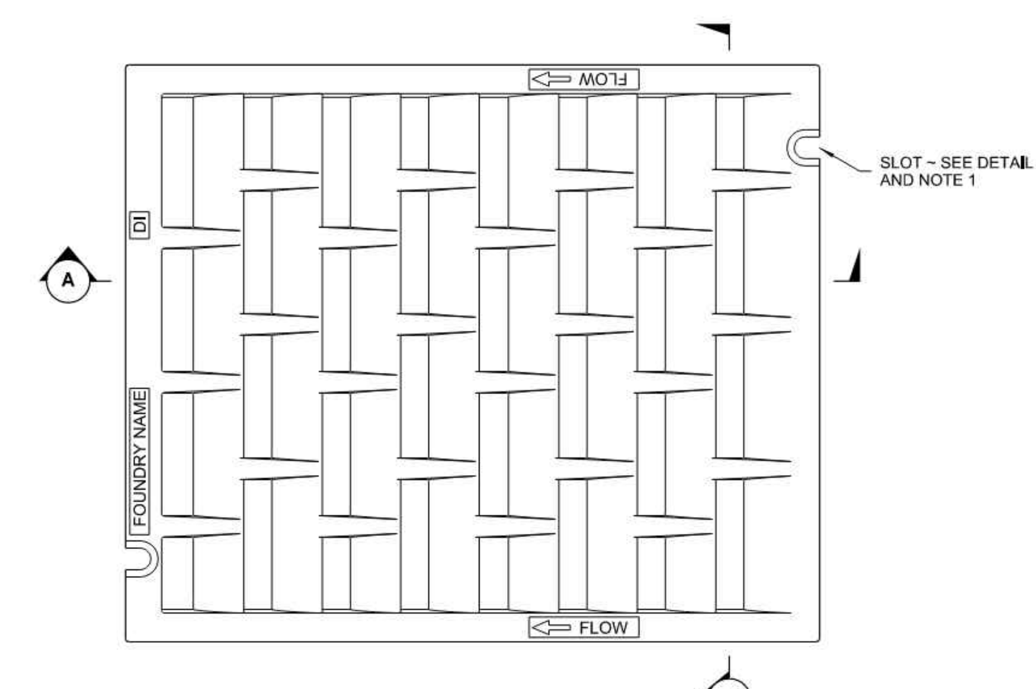
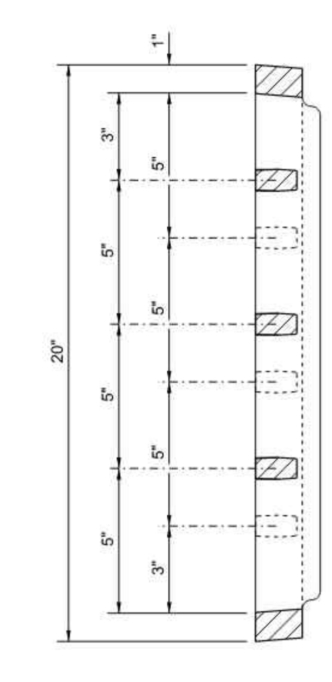


TOP



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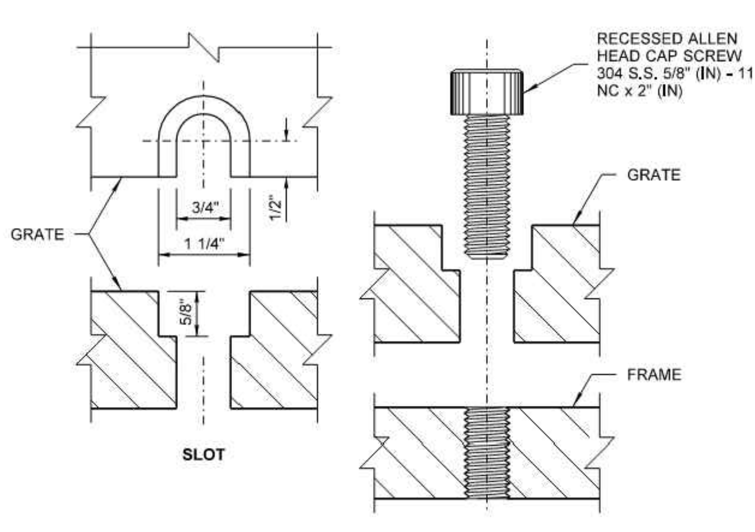
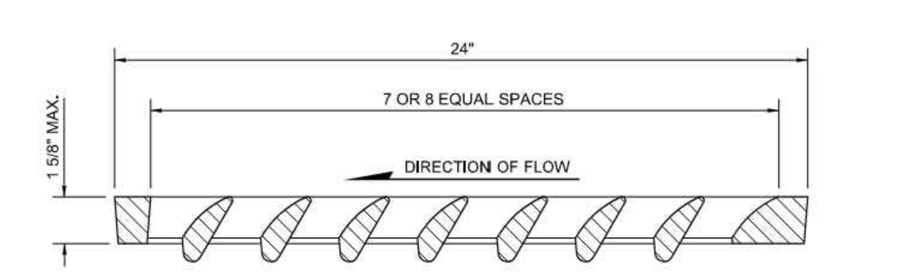
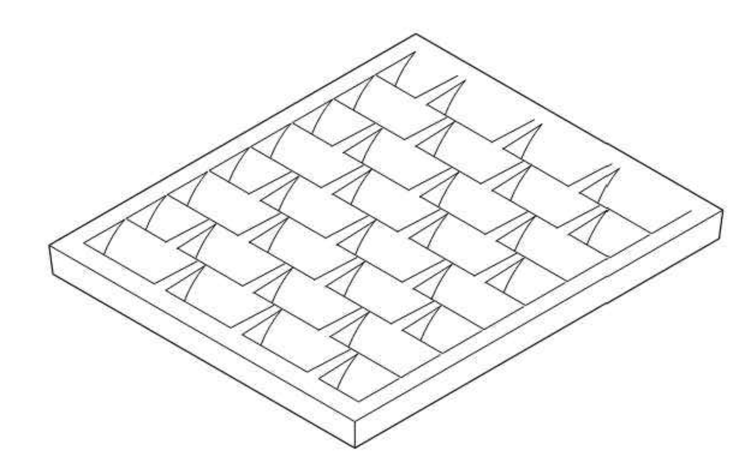


BOLT-DOWN DETAILS
SEE NOTE 1



SECTION (A)



ISOMETRIC

NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC × 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. Refer to **Standard Specification Section 9-05.15** and **9-05.15(2)** for additional requirements.
3. For frame details, see **Standard Plan B-30.10.**

RECTANGULAR VANED GRATE

STANDARD PLAN B-30.30-03

SHEET 1 OF 1 SHEET

SITE PLAN REVIEW SET
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PUBLIC WORKS SITE IMPROVEMENTS

DETAILS

LA CENTER, WASHINGTON

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ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
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PRELIMINARY
21015676

DESIGNED:	DJW
DRAWN:	DJW
CHECKED:	BMH
DATE:	9/16/2025

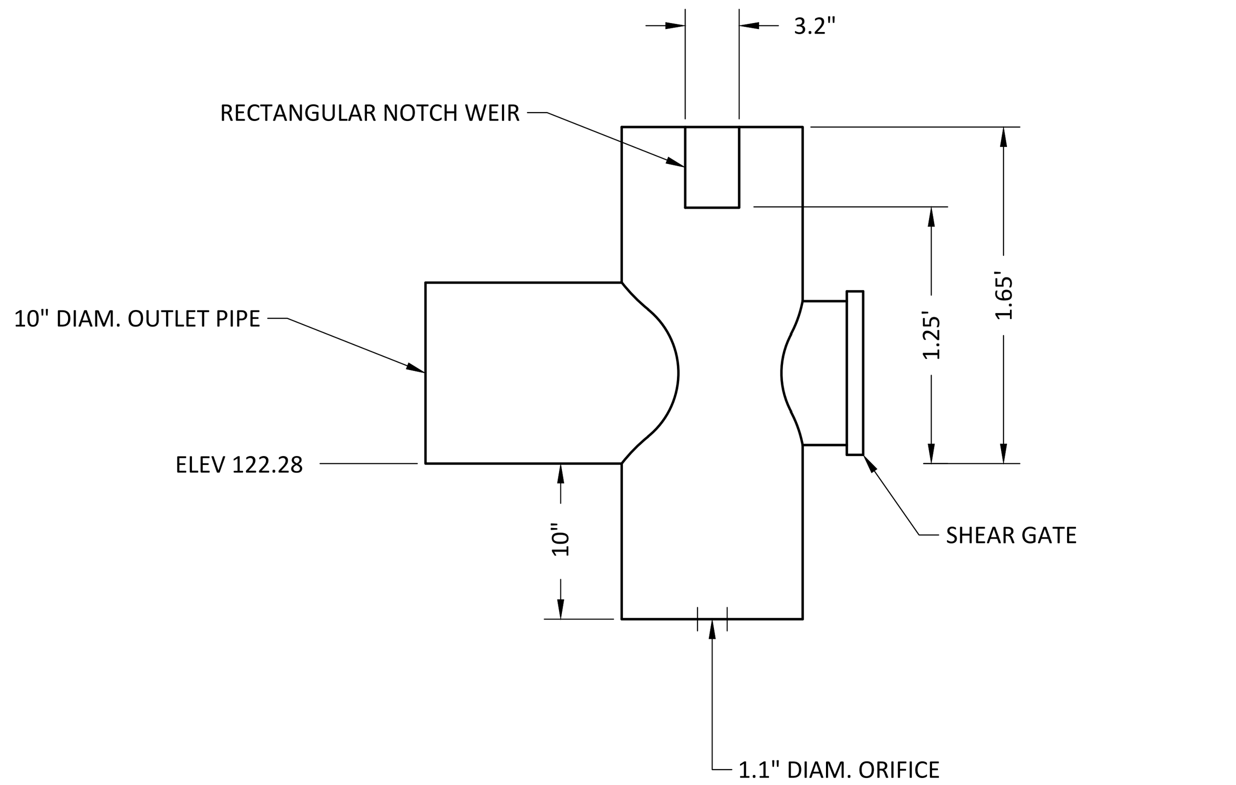
REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO.

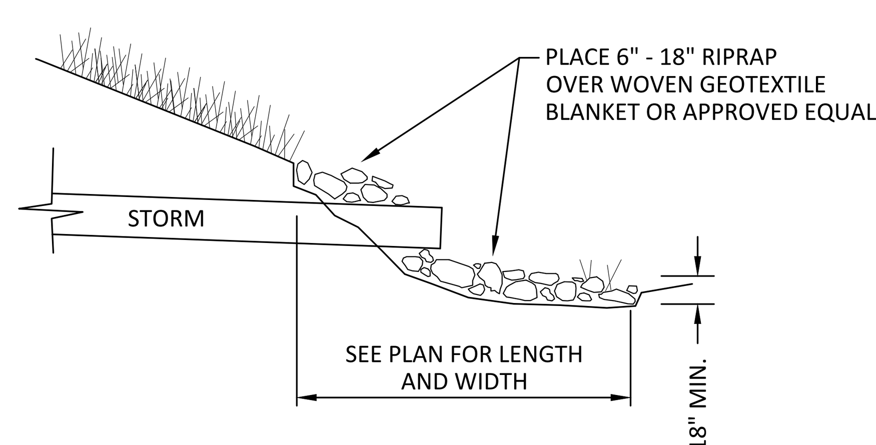
D1.1

JOB NO. CLC-07



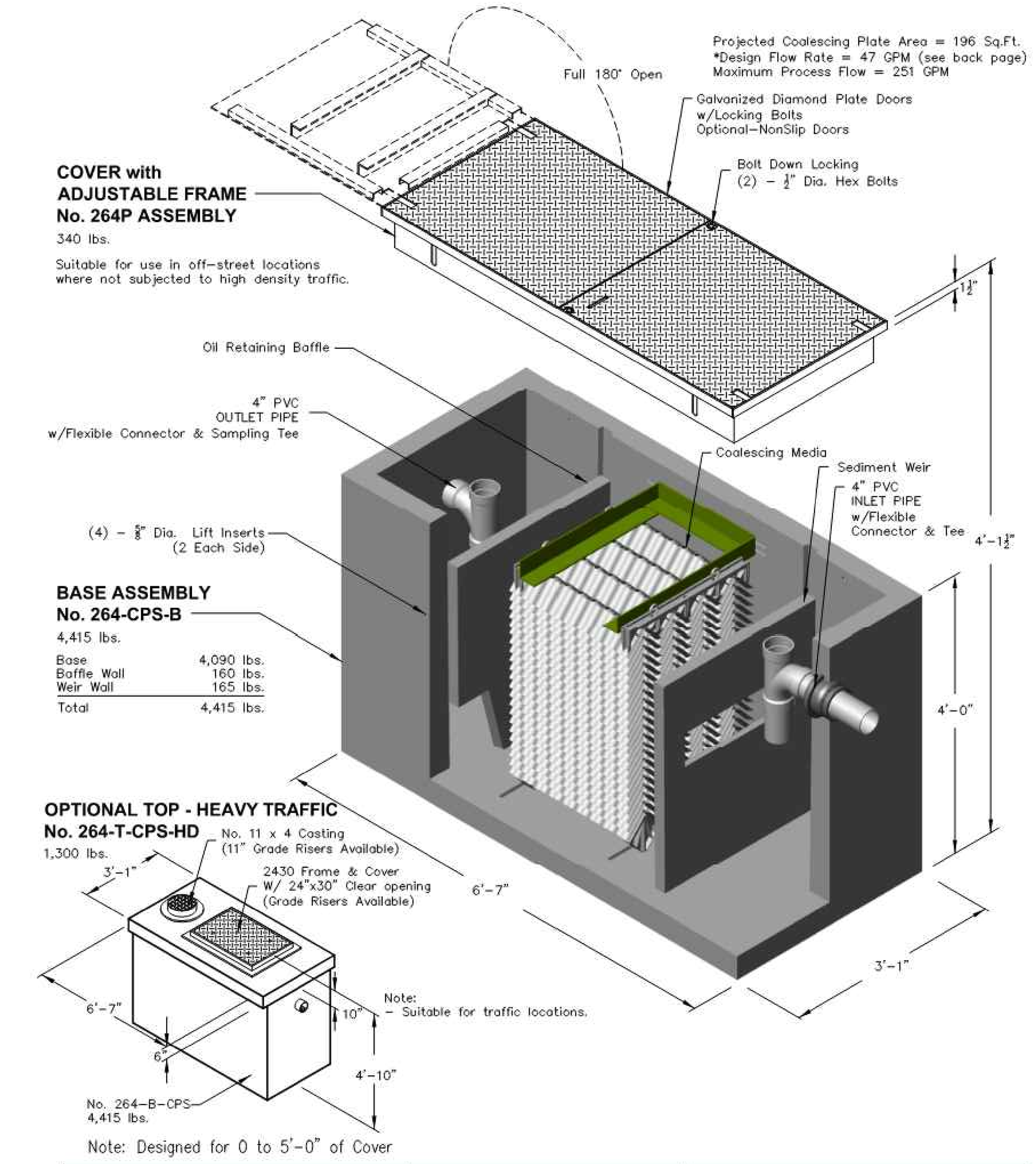
INSTALL SHEAR GATE AND AND ATTACH TO CONCRETE STRUCTURE PER STANDARD DETAIL B-10.40, SHEET D1.1

FLOW RESTRICTOR
NTS



ROCK OUTFALL
NTS

264-CPS

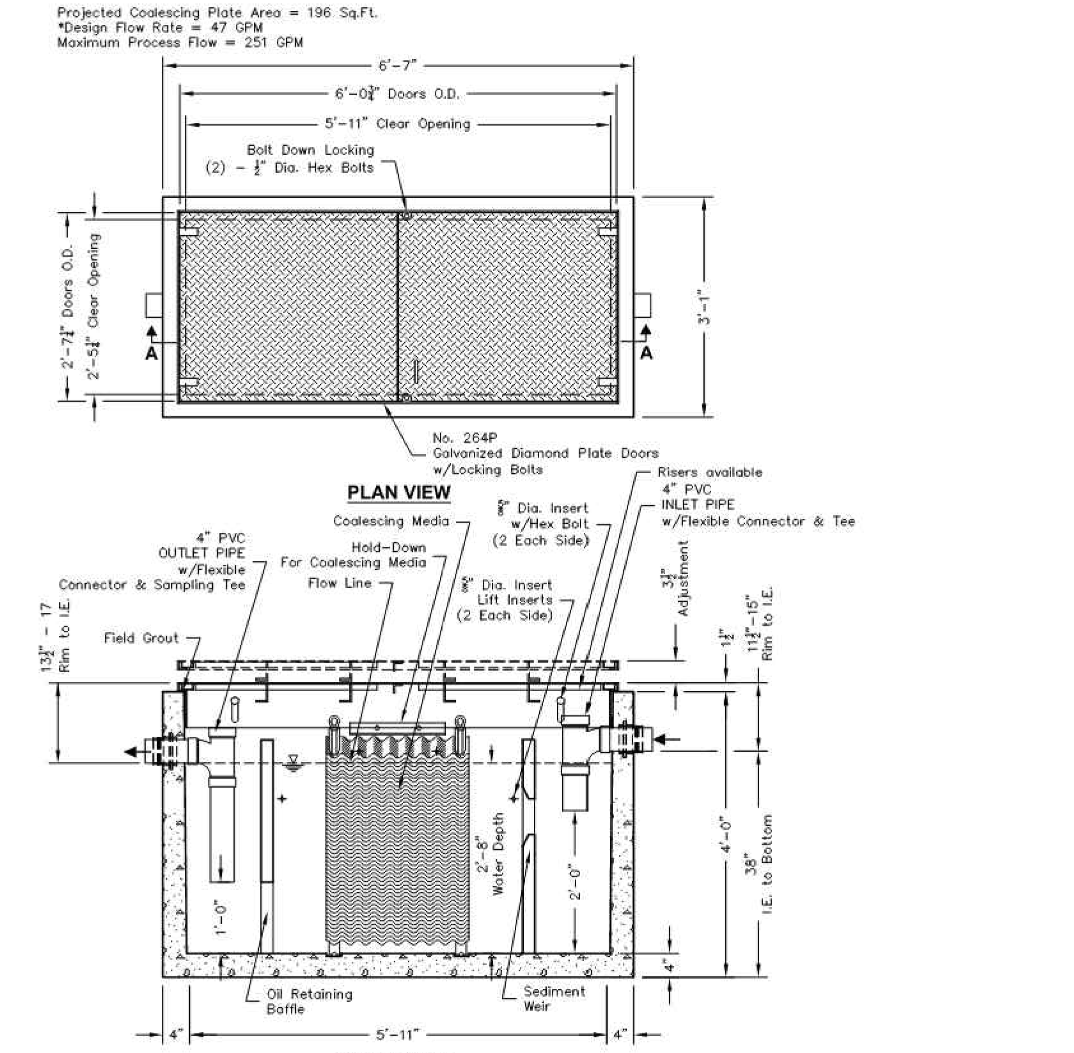


Oldcastle Precast®	264-CPS	264-CPS OIL / WATER SEPARATOR COALESCING - 47 GPM
PO Box 323, Wilsonville, Oregon 97070-0323	File Name: 020-264CPS	
Tel: (503) 682-2844 Fax: (503) 682-2657	Issue Date: 2018	
	oldcastleprecast.com/wilsonville	

5.0

264-CPS

Projected Coalescing Plate Area = 196 Sq.Ft.
*Design Flow Rate = 47 GPM
Maximum Process Flow = 251 GPM



*DESIGN FLOW RATE	EFFLUENT QUALITY	100% COLLECTED SIZE
47	10 ppm	60 Micron

Notes:
– Static Water Depth = 2'-8"
– Prior to "Startup" of system, fill with clean water to bottom of outlet pipe. For best results, fill to flow line.
– Follow Regular Inspection, Cleaning, & Maintenance Schedule (See Clean Out & Maintenance).

Basic Design Information: *
Influent Characteristics
– Oil Specific Gravity = 0.88
– Operating Temperature = 50°
– Influent Oil Concentration = 100 ppm
– Mean Oil Droplet Size = 130 Microns
– .033 ft/min. Critical Oil Droplet Predicted Rise Rate

*Basic Design Information per Washington State Department of Ecology. User to Adjust Estimates for Variations in Real Conditions.

Oldcastle Precast®	264-CPS	264-CPS OIL / WATER SEPARATOR COALESCING - 47 GPM
PO Box 323, Wilsonville, Oregon 97070-0323	File Name: 020-264CPS	
Tel: (503) 682-2844 Fax: (503) 682-2657	Issue Date: 2018	
	oldcastleprecast.com/wilsonville	

5.1

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

DETAILS
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

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PRELIMINARY

DESIGNED:	DJW
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DATE:	9/16/2025

REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO.
D1.2

JOB NO.
CLC-07

P:\02-Vancouver\CLC (City of La Center)\CLC-07 (Public Works Operation Center)\CLC07-DWGS\Sheets\ D1.2 - DETAILS.dwg

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND IN WORKING CONDITION PRIOR TO ANY LAND DISTURBING ACTIVITY CAUSED BY CLEARING OR GRADING. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE APPROVED BY THE CITY PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL CALL FOR AN ON-SITE INSPECTION WHEN EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND PRIOR TO COMMENCEMENT OF WORK.

2. THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE SITED, DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS IN THE CITY OF LA CENTER ENGINEERING STANDARDS FOR PUBLIC WORKS CONSTRUCTION.

3. THE DEVELOPER IS RESPONSIBLE FOR MAINTAINING EROSION PREVENTION AND SEDIMENT CONTROL MEASURES DURING AND AFTER INSTALLATION OF ALL UTILITY WORK ASSOCIATED WITH UTILITY TRENCHES.

4. PRIOR TO ANY SITE EXCAVATION, ALL STORM DRAINAGE INLETS SHALL BE PROTECTED DOWN SLOPE FROM ANY DISTURBED OR CONSTRUCTION AREAS PER THE STANDARD DETAILS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREAS. CLEAN THE FILTER FABRIC AS NECESSARY TO MAINTAIN DRAINAGE. REMOVE FILTER AND CLEAN CATCH BASINS FOLLOWING COMPLETION OF SITEWORK.

5. THE CONTRACTOR SHALL NOT ALLOW SEDIMENT OR DEBRIS TO ENTER NEW OR EXISTING PIPES, CATCH BASINS OR INFILTRATION SYSTEMS.

6. NEWLY CONSTRUCTED OR MODIFIED INLETS AND CATCH BASINS ARE TO BE PROTECTED IMMEDIATELY UPON INSTALLATION.

7. TEMPORARY SEEDING AND MULCHING OF FILL SLOPES AND DIVERSION DIKES SHALL BE COMPLETED WITHIN ONE WEEK AFTER ROUGH GRADING.

8. ALL EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY THE APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs). DURING THE PERIOD FROM OCTOBER 1 TO APRIL 30 NO SOIL SHALL BE EXPOSED FOR MORE THAN TWO (2) DAYS. FROM MAY 1 TO SEPTEMBER 30 NO SOIL SHALL BE EXPOSED FOR MORE THAN SEVEN (7) DAYS.

9. MATERIAL STOCKPILES ARE TO BE PROTECTED BY THE FOLLOWING MEANS:
   - TEMPORARY: COVER PILES WITH TARPS OR PLASTIC SHEETING WEIGHTED WITH CONCRETE BLOCKS, LUMBER OR TIRES.
   - PERMANENT: COVER PILES WITH TARPS OR PLASTIC, OR RESEED. PERIMETER AREAS AROUND PILES ARE TO BE SURROUNDED WITH EROSION CONTROL FILTER FABRIC FENCES UNTIL SOIL SURFACE IS STABILIZED WITH RESEEDING.

10. THE CONTRACTOR SHALL MAINTAIN ON SITE A WRITTEN DAILY LOG OF EROSION CONTROL BMP MAINTENANCE.

11. IF THE CITY INSPECTOR OR ENGINEER HAS EVIDENCE OF POOR CONSTRUCTION PRACTICES OR IMPROPER EROSION PREVENTION BMPs, CITATIONS AND/OR A STOP WORK ORDER SHALL BE ISSUED UNTIL PROPER MEASURES HAVE BEEN TAKEN AND APPROVED BY THE CITY OF LA CENTER. IF THE BMPs APPLIED TO A SITE ARE INSUFFICIENT TO PREVENT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, OR PUBLIC RIGHT-OF-WAY, THEN THE CITY SHALL REQUIRE ADDITIONAL BMPs.

12. ALTERNATIVE BMP'S NOT SHOWN IN THESE DETAILS ARE ACCEPTABLE PROVIDED THEY ARE PART OF ECOLOGY'S WESTERN WASHINGTON STORMWATER MANAGEMENT MANUAL AND THE CITY ENGINEER REVIEWS AND APPROVES THE ALTERNATIVE BMP'S AS PART OF THE EROSION CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION.

EROSION CONTROL GENERAL NOTES I

PLAN #

CITY OF LA CENTER APPROVED

Bart Stepp, PE 7/23/09

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ER-1A

13. PROVIDE A 12-INCH DEEP PAD OF CRUSHED ROCK FOR A DISTANCE OF 100 FEET INTO THE SITE FOR ALL ACCESS POINTS UTILIZED BY CONSTRUCTION EQUIPMENT AND TRUCKS. WIDTH OF THE PAD SHALL BE A MINIMUM OF 20 FEET. ALL TRUCKS LEAVING THE SITE SHALL EGRESS ACROSS THE PAD. ACCUMULATED SOIL SHALL BE PERIODICALLY REMOVED, OR ADDITIONAL ROCK SHALL BE PLACED UPON THE PAD SURFACE. ROCK SHALL BE CLEAN 4 INCH TO 8 INCH QUARRY SPALLS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

14. PAVEMENT SWEEPING AND SHOVELING IS REQUIRED. WASHING THE PAVEMENT INTO THE STORM SYSTEM IS NOT PERMITTED.

15. AT SITES WITH LESS THAN 1 ACRE OF EXPOSED SOIL, PAD LENGTH MAY BE REDUCED TO 50 FEET. SINGLE FAMILY LOT ENTRANCES MAY HAVE THE PAD LENGTH REDUCED TO 20 FEET.

16. INSTALL SEDIMENT FENCE IN ACCORDANCE WITH DETAIL ER-3 PRIOR TO BUILDING CONSTRUCTION AND/OR EXCAVATION TO PREVENT SILT INTRUSION UPON ADJACENT LOTS. IF CONSTRUCTION OCCURS SIMULTANEOUSLY ON ADJACENT LOTS AND THE LOTS HAVE THE SAME OWNER DURING CONSTRUCTION, THE SILT FENCE ALONG THE COMMON LOT LINE MAY BE ELIMINATED.

17. CONSTRUCTION ROADS AND PARKING AREAS SHALL BE STABILIZED WHEREVER THEY ARE CONSTRUCTED, WHETHER PERMANENT OR TEMPORARY, FOR THE USE OF CONSTRUCTION TRAFFIC.

18. MAINTAIN AND REMOVE ALL SEDIMENT CONTROLS AS SPECIFIED IN THE STANDARD DETAILS. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT FROM THE CATCH BASINS, DRYWELLS, UTILITY TRENCHES AND STORM PIPES PRIOR TO ACCEPTANCE BY THE CITY.

19. SEDIMENT CONTROL BMPs SHALL BE INSPECTED WEEKLY AND AFTER ANY STORM EVENT PRODUCING RUNOFF. THE INSPECTION FREQUENCY FOR STABILIZED, INACTIVE SITES SHALL BE ONCE EVERY TWO WEEKS OR MORE FREQUENTLY AS DETERMINED BY THE LOCAL PERMITTING AUTHORITY BASED ON THE LEVEL OF SOIL STABILITY AND POTENTIAL FOR ADVERSE ENVIRONMENTAL IMPACTS.

20. ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BMPs ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.

21. IN AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST ONE OR MORE OF THE FOLLOWING PREVENTATIVE MEASURES SHALL BE TAKEN FOR DUST CONTROL:
   - MINIMIZE THE PERIOD OF SOIL EXPOSURE THROUGH THE USE OF TEMPORARY GROUND COVER AND OTHER TEMPORARY STABILIZATION PRACTICES.
   - SPRINKLE THE SITE WITH WATER UNTIL THE SURFACE IS WET.
   - SPRAY EXPOSED SOIL AREAS WITH A DUST PALLIATIVE. NOTE: USE OF PETROLEUM PRODUCTS OR POTENTIALLY HAZARDOUS MATERIALS ARE PROHIBITED

22. EXPOSED SURFACES THAT WILL NOT BE BROUGHT TO FINAL GRADING OR GIVEN A PERMANENT COVER TREATMENT WITHIN 30 DAYS OF THE EXPOSURE SHALL HAVE SEED MIX AND MULCH PLACED TO STABILIZE THE SOIL AND REDUCE EROSION SEDIMENTATION. SEEDED AREAS SHALL BE CHECKED REGULARLY TO ASSURE A GOOD STAND OF GRASS IS BEING MAINTAINED. AREAS THAT FAIL TO ESTABLISH VEGETATION COVER ADEQUATE TO PREVENT EROSION WILL BE RESEEDED AS SOON AS SUCH AREAS ARE IDENTIFIED.

23. APPLY AN APPROVED TEMPORARY SEEDING MIXTURE TO THE PREPARED SEED BED AT A RATE OF 120 LBS/ACRE. NOTE: "HYDROSEEDING" APPLICATIONS WITH APPROVED SEED-MULCH-FERTILIZER MIXTURES MAY ALSO BE USED.

EROSION CONTROL GENERAL NOTES II

PLAN #

CITY OF LA CENTER APPROVED

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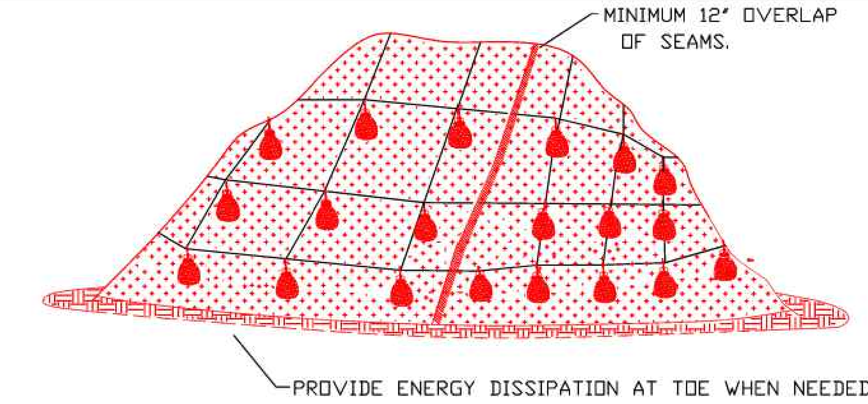

PLASTIC SHEETING

NOTES:

1. PLASTIC SHEETING IS USED TO PROVIDE IMMEDIATE PROTECTION TO SLOPES AND STOCKPILES.
2. DO NOT USE PLASTIC COVERING UPSLOPE OF AREAS SUCH AS STEEP AND/OR UNSTABLE SLOPES THAT MIGHT BE ADVERSELY AFFECTED BY CONCENTRATED RUNOFF.
3. WHEN POSSIBLE, INSTALL AN INTERCEPTOR DIKE AT THE TOP OF THE PLASTIC TO DIVERT FLOWS AWAY FROM THE PLASTIC.
4. TOE-IN THE TOP OF THE SHEETING IN A 6"x6" TRENCH BACKFILLED WITH COMPACTED NATIVE MATERIAL.
5. INSTALL A GRAVEL BERM, RIPRAP, OR OTHER SUITABLE PROTECTION AT THE TOP OF THE SLOPE IN ORDER TO DISSIPATE RUNOFF VELOCITY.
6. ANCHOR THE PLASTIC USING SANDBAGS OR OTHER SUITABLE TETHERED ANCHOR SYSTEM SPACED ON A 10' GRID SPACING IN ALL DIRECTIONS.
7. OVERLAP SEAMS 1-2', TAPE, ROLL AND STAKE THE SEAMS AND THEN WEIGH DOWN THE ENTIRE LENGTH.
8. PROVIDE ENERGY DISSIPATION AT TOE WHEN NEEDED.
9. REPLACE TORN SHEETS AND REPAIR OPEN SEAMS. COMPLETELY REMOVE AND REPLACE PLASTIC WHEN IT BEGINS TO DETERIORATE.

PLASTIC SHEETING

PLAN #

CITY OF LA CENTER APPROVED

Bart Stepp, PE 7/23/09

CITY ENGINEER DATE

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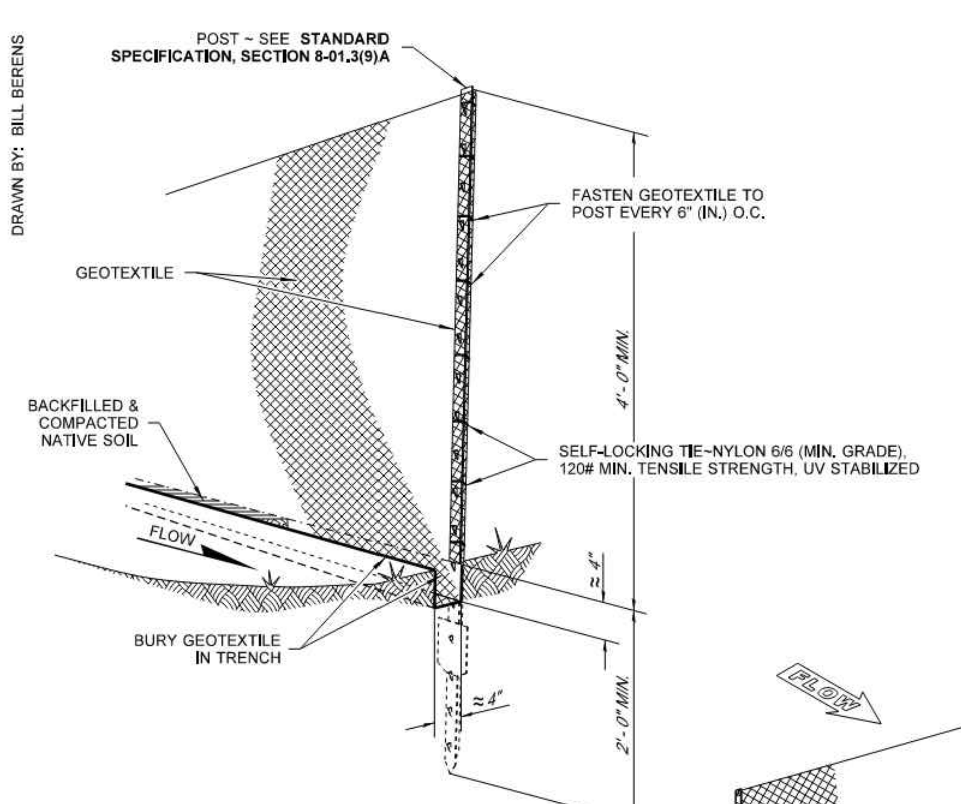
ER-6

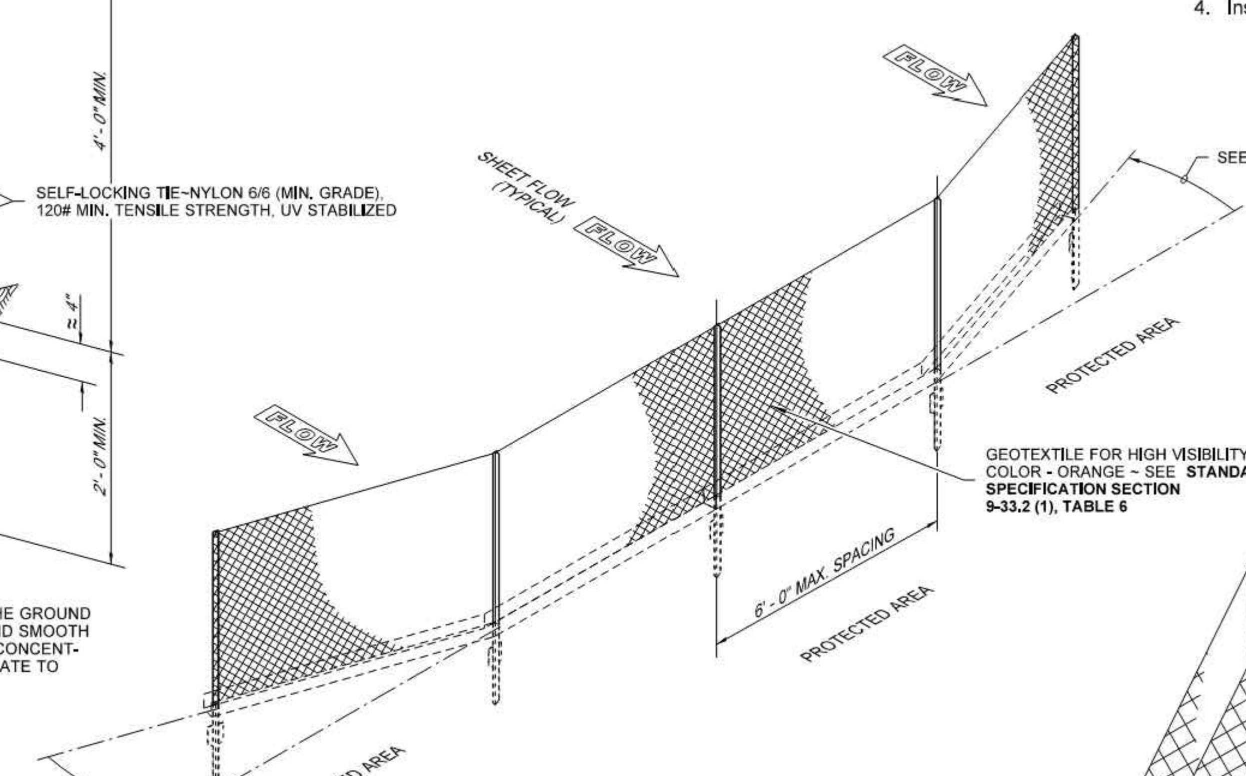
DRAWN BY: BILL BERENS



NOTE

DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

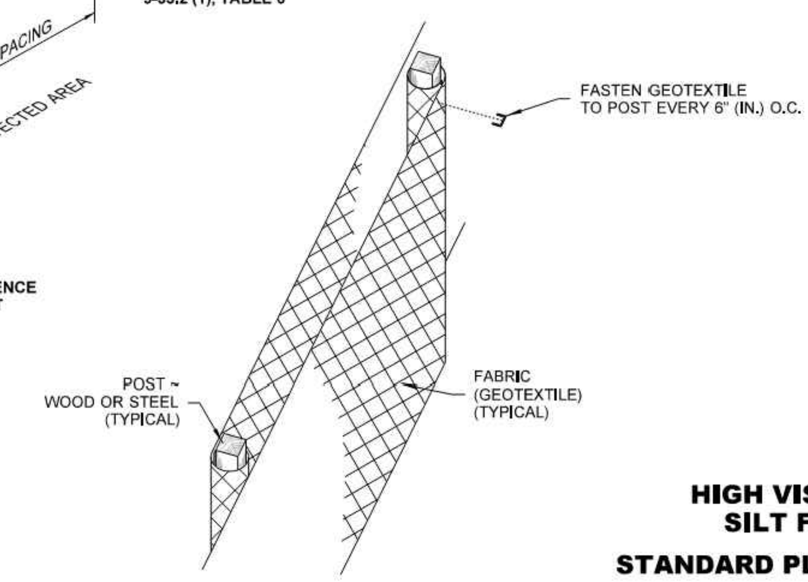
TYPICAL INSTALLATION DETAIL
(STEEL POSTS SHOWN)



TYPICAL HIGH VISIBILITY SILT FENCE WITHOUT BACKUP SUPPORT
ISOMETRIC
(STEEL POSTS SHOWN)

NOTES

1. Angle Terminal end uphill 24" (in) to 48" (in) to prevent flow around fence (Typical).
2. Perform maintenance in accordance with **Standard Specification, Sections 8-01.3(9)A and 8-01.3(15).**
3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.
4. Install silt fencing parallel to mapped contour lines.



SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP. JOINING SECTIONS SHALL NOT BE PLACED IN LOW SPOTS OR IN SUMP LOCATIONS.

SPLICE DETAIL
(WOOD POSTS SHOWN)

HIGH VISIBILITY SILT FENCE

STANDARD PLAN I-30.17-01

SHEET 1 OF 1 SHEET

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

DETAILS
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS ◆ PLANNERS
LANDSCAPE ARCHITECTS ◆ SURVEYORS
1220 Main Street, Suite 150, Vancouver, WA 98660
phone: 360.750.1131 www.hhpr.com fax: 360.750.1141

PRELIMINARY
ALLEN J. ... STATE OF WASHINGTON 21015676 REGISTERED PROFESSIONAL ENGINEER

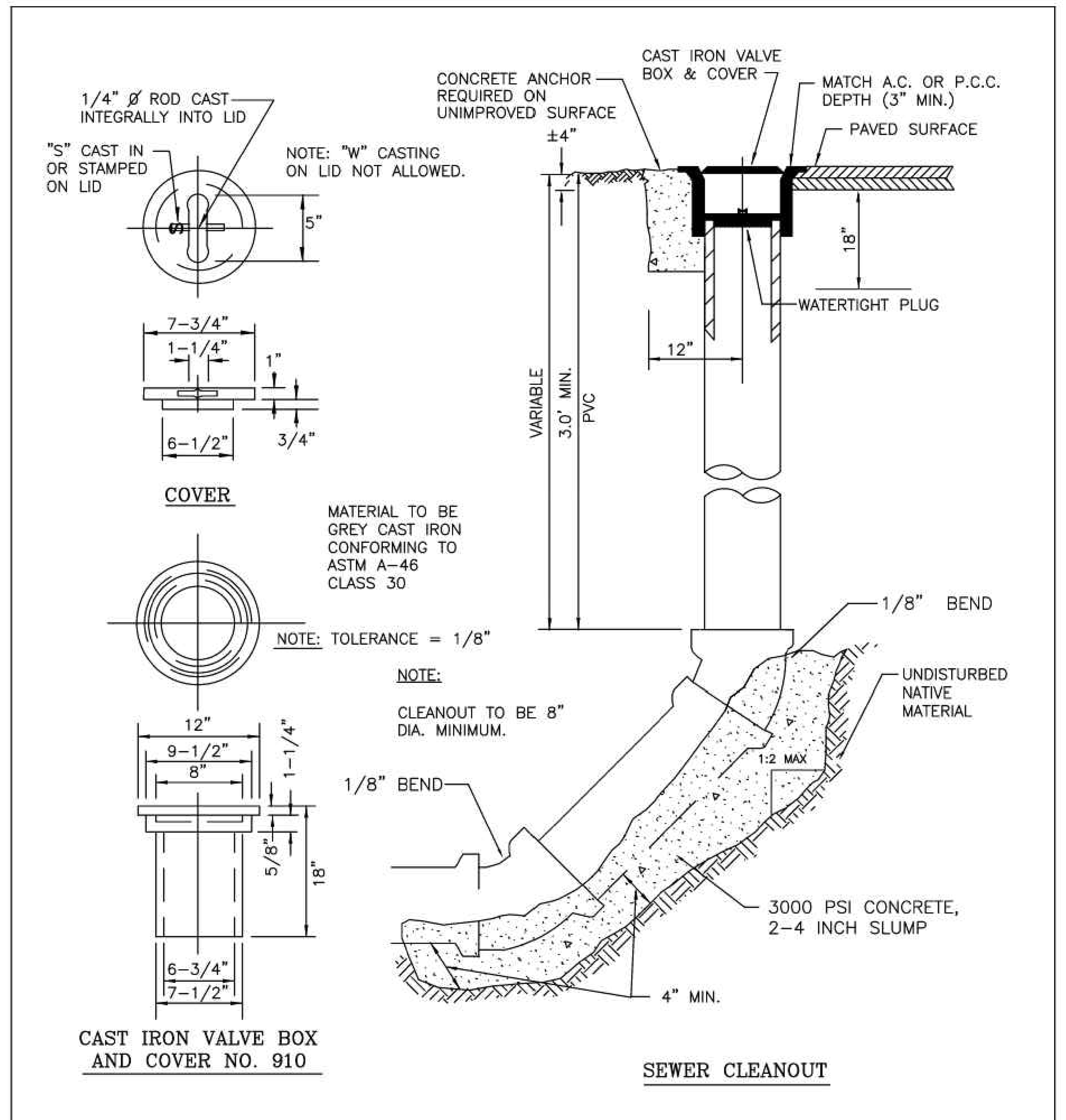
DESIGNED:	DRAWN:	CHECKED:	DATE:
DJW	DJW	BMH	9/16/2025

REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO.
D1.3

JOB NO. CLC-07



STANDARD SEWER CLEANOUT — PLAN #

CITY OF LA CENTER APPROVED

REVISIONS:	DATE:	DRAWN:	DESIGNED:

Bert Stapp, PE 7/23/09

CITY ENGINEER — DATE

SS-14

SITE PLAN REVIEW SET
NOT FOR CONSTRUCTION

DETAILS
PUBLIC WORKS SITE IMPROVEMENTS
LA CENTER, WASHINGTON

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS ◆ PLANNERS
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PRELIMINARY

DESIGNED:	DJW
DRAWN:	DJW
CHECKED:	BMH
DATE:	9/16/2025

REVISIONS

DATE	NO.	DESCRIPTION

SHEET NO. D1.4

JOB NO. CLC-07

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