

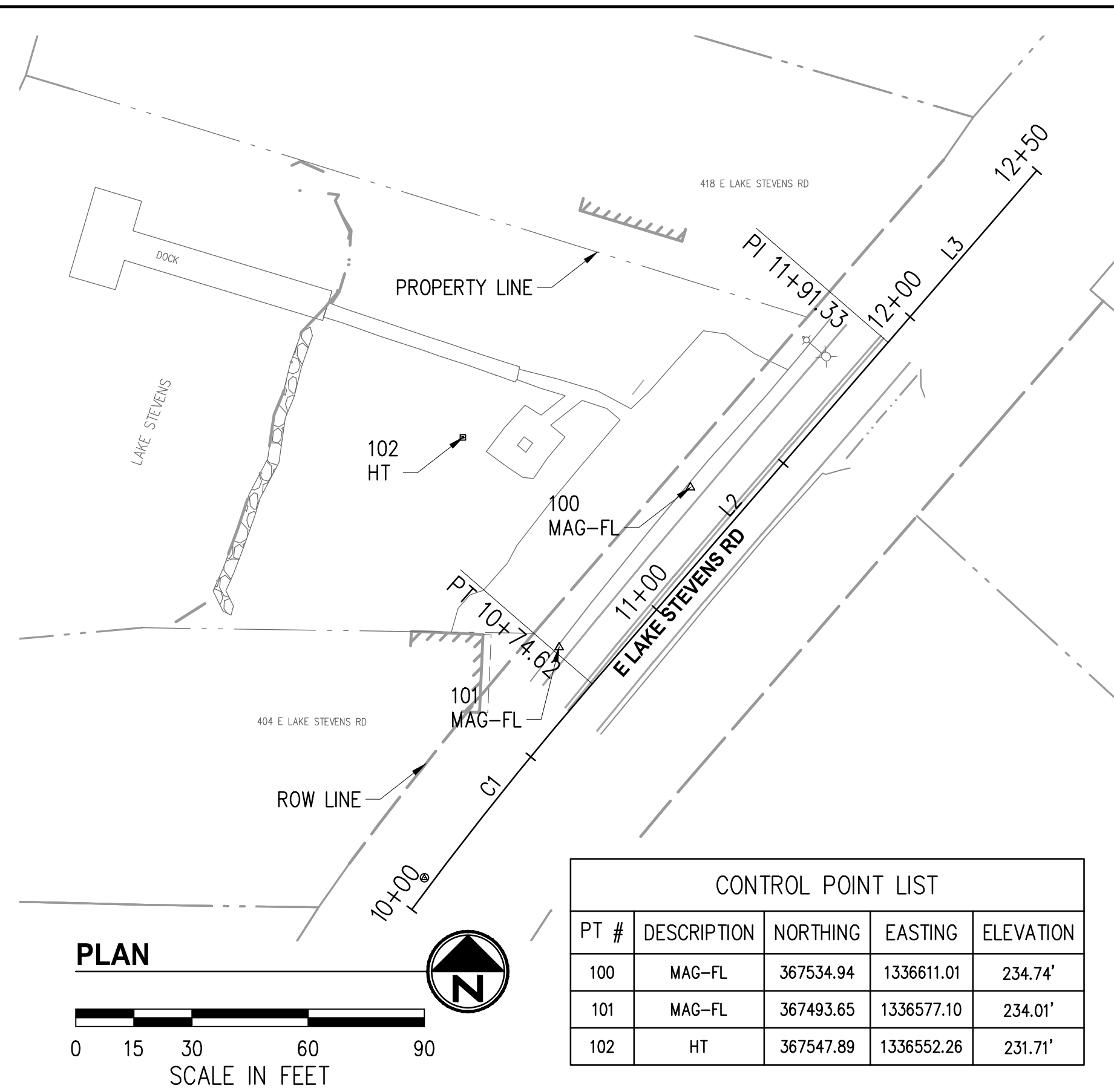


SARAH GARCEAU

Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640

Tacoma | Wenatchee | **KPG.com**

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM



CONTROL POINT LIST				
PT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
100	MAG-FL	367534.94	1336611.01	234.74'
101	MAG-FL	367493.65	1336577.10	234.01'
102	HT	367547.89	1336552.26	231.71'

E LAKE STEVENS RD								
NUMBER	START STA	NORTHING	EASTING	LENGTH	BRNG/DELTA	RADIUS	PI STA	TAN
C1	10+00.00	367425.94	1336539.08	74.62'	4°28'30"	955.40'	10+37.33	37.33'
L2	10+74.62	367484.20	1336585.67	116.71'	N 40°53'01" E			
L3	11+91.33	367572.44	1336662.06	58.67'	N 40°53'01" E			

NOTES

- THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING DESIGN. THIS IS NOT A BOUNDARY SURVEY. SOURCES OF BOUNDARY INFORMATION AS SHOWN INCLUDE FIELD-TIED MONUMENTATION, PLATS, COUNTY RECORDS OF SURVEY, AND AUDITOR INDEXING INFORMATION.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITY SYSTEMS, AS SHOWN HEREON, ARE TAKEN FROM UTILITY LOCATE PAINT MARKS OR AS-BUILT PLANS AND ARE SHOWN IN AN APPROXIMATE WAY ONLY.

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. ALL LOCATOR SERVICES SHOULD BE CONTACTED PRIOR TO ANY CONSTRUCTION OR SUBSURFACE EXPLORATION. CALL 1-800-424-5555.
- FIELD SURVEY: KPG, JUNE, 2022. LICENSEE MICHAEL R. BOWEN, P.L.S. NO. 29294/RONALD D. REICHEL, P.L.S. NO. 38015.
- CONTOUR INTERVAL = 1 FOOT, ±0.5 FOOT PER NATIONAL MAPPING STANDARDS. CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS.

HORIZONTAL AND VERTICAL DATUM

HORIZONTAL DATUM: NAD 83/11

VERTICAL DATUM NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK)

CITY OF LAKE STEVENS GENERAL NOTES
1-117 GENERAL NOTES
1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF LAKE STEVENS ENGINEERING DESIGN AND DEVELOPMENT STANDARDS; THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION; AND THE CURRENT ADOPTED EDITION OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
2. ALL WORK WITHIN THE PLAT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE PUBLIC WORKS DIRECTOR, DESIGNEE, OR DESIGNATED REPRESENTATIVE.
3. PRIOR TO ANY SITE CONSTRUCTION, INCLUDING CLEARING/LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS _____

4. THE DEVELOPER, CONTRACTOR AND PROJECT ENGINEER ARE RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS _____

5. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS AT 425-3773222 TO SCHEDULE A PRECONSTRUCTION CONFERENCE. ENGINEERED AS-BUILT DRAWINGS IN ACCORDANCE WITH THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE SHALL BE REQUIRED PRIOR TO SITE APPROVAL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR UTILITY, ROAD, AND RIGHT-OF-WAY CONSTRUCTION, AND STORMWATER. THE CONTRACTOR FOR THIS PROJECT IS _____

CONTACT PERSON IS _____, PHONE _____, MOBILE _____, EMERGENCY PHONE _____

7. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION (SWPP) FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE NATURAL DRAINAGE SYSTEM.
8. NON COMPLIANCE WITH THE REQUIREMENTS FOR; EROSION CONTROLS, WATER QUALITY AND CLEARING LIMITS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
9. TRENCH BACKFILL OF NEW UTILITIES AND STORM DRAINAGE FACILITIES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS. COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(3) AND 2-03.3(14)C - METHOD B AS DEFINED IN THE CURRENT EDITION OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
10. THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. LOCATION OF UTILITIES SHOWN ON CONSTRUCTION PLANS ARE BASED ON BEST RECORDS AVAILABLE AND ARE SUBJECT TO VARIATION. FOR ASSISTANCE IN UTILITY LOCATION, CALL 1-800424-5555.

11. PRIOR TO CONSTRUCTION, THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE PUBLIC WORKS DIRECTOR OR DESIGNEE WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
12. THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ON SITE AT ALL TIMES FOR RECORDING AS-BUILT INFORMATION; ONE SET SHALL BE SUBMITTED TO THE PROJECT ENGINEER, AND ONE SET SHALL BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR OR DESIGNEE AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK.
13. A GRADING PERMIT ISSUED PURSUANT TO THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE, AND APPROVAL OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE OBTAINED FROM THE PLANNING AND LAND USE DEPARTMENT PRIOR TO ANY ON-SITE GRADING WORK NOT EXPRESSLY EXEMPT BY THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE.
14. PRIOR TO COMMENCEMENT OF FRAMING, FINAL DRAINAGE INSPECTION AND APPROVAL OF THE ROOF LEADER AND POSITIVE FOOTING SYSTEMS SHALL BE COMPLETED BY THE BUILDING DEPARTMENT. CALL 425-3773223 TO SCHEDULE THE INSPECTION.

EXISTING LEGEND

MON	SURFACE	— x — x —	FENCE
△	MAG NAIL/SPIKE	~~~~~	HEDGE (HEIGHT NOTED)
RC	REBAR & CAP	////	BUILDING
○	SEWER MAHHOLE	————	PAINTED STRIPE
⊗	POWER POLE WITH LUMINAIRE AND UNDERGROUND CONNECT	————	EDGE OF PAVEMENT
○	BOULDER	- . - . - .	FLOWLINE
⊥	SIGN	————	CONTOUR
○	SHRUB		CONCRETE
⊗	STUMP, DIAMETER		GRAVEL
⊗	CONIFEROUS TREE, DIAMETER (# OF TRUNKS)		GRASS
			ROCKERY
		AC	ASPHALT/CONCRETE
		CHLK	CHAINLINK
		DWY	DRIVEWAY

PROPOSED LEGEND

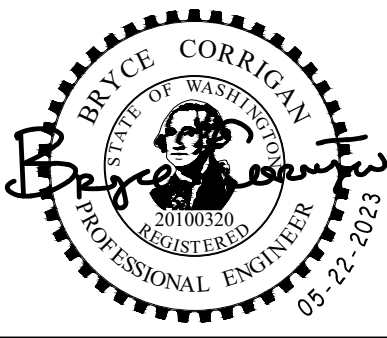
	CONC INLET OR CATCH BASIN TYPE 1
	CATCH BASIN TYPE 2
	SEWER MANHOLE
	STORM PIPE WITH DIRECTION OF FLOW
	WATER PIPE
	FIRE HYDRANT
	SIGN
	CHAIN LINK FENCE
	FILL EMBANKMENT LINE
	CUT EMBANKMENT LINE
	HMA CL 1/2" PG 64-22 FOR NEW PAVEMENT
	REMOVE ASPHALT CONC PAVEMENT (ON SITE PREPARATION PLANS)
	CEMENT CONCRETE
	RESERVOIR COURSE
	CSTC
	CSBC

ABBREVIATIONS

AC	ASPHALT CONCRETE	FL	FLOW LINE	PI	POINT OF INTERSECTION
ACP	ASPHALT CONCRETE PAVEMENT	FOC	FACE OF CURB	POB	POINT OF BEGINNING
ADA	AMERICANS WITH DISABILITIES ACT	HMA	HOT MIX ASPHALT	POE	POINT OF ENDING
AP	ANGLE POINT	HORIZ	HORIZONTAL	PT	POINT OF TANGENT
APPROX	APPROXIMATE	HP	HIGH POINT	R	RADIUS
BLDG	BUILDING	HWM	HIGH WATER MARK	ROW	RIGHT OF WAY
CB	CATCH BASIN	IE	INVERT ELEVATION	RT	RIGHT
CCP	CEMENT CONCRETE PAVEMENT	IN	INCH/INCHES	S	SLOPE OR SOUTH
CDF	CONTROLLED DENSITY FILL	L	LENGTH LT LEFT	SD	STORM DRAIN
CHLK	CHAINLINK	LF	LINEAR FEET	SDMH	STORM DRAIN MANHOLE
CL	CENTERLINE	LP	LOW POINT	SE	SOUTHEAST
CL	CLASS	MAX	MAXIMUM	SHT	SHEET
COLS	CITY OF LAKE STEVENS	MIN	MINIMUM	SQ	SQUARE
CONC	CONCRETE	MH	MANHOLE	SS	SANITARY SEWER
CSBC	CRUSHED SURFACING BASE COURSE	MIC	MONUMENT IN CASE	ST	STREET
CSTC	CRUSHED SURFACING TOP COURSE	MON	MONUMENT	STA	STATION
DIA	DIAMETER	N	NORTH OR NORTHING	STD	STANDARD
DW	DRIVEWAY	NAVD	NORTH AMERICAN VERTICAL DATUM	STCR	STRUCTURE
E	EAST OR EASTING	NO	NUMBER	SW	SOUTHWEST
EA	EACH	NTS	NOT TO SCALE	TYP	TYPICAL
ELEV	ELEVATION	OC	ON CENTER	VERT	VERTICAL
EOP	EDGE OF PAVEMENT	OD	OUTSIDE DIAMETER	W	WEST
EW	EACH WAY	OHWM	ORDINARY HIGH WATER MARK		
EXIST	EXISTING	PCCP	PERVIOUS CEMENT CONCRETE PAVEMENT		

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030L.GND.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	BC 05/2023
PROJECT ENGINEER	DATE	DESIGNED BY
		BC 05/2023
		DRAWN BY
		BC 05/2023
		CHECKED BY
		DATE



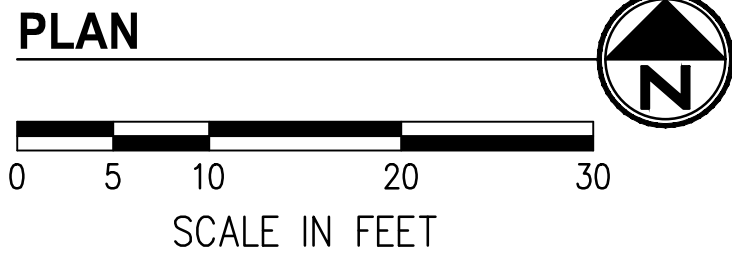
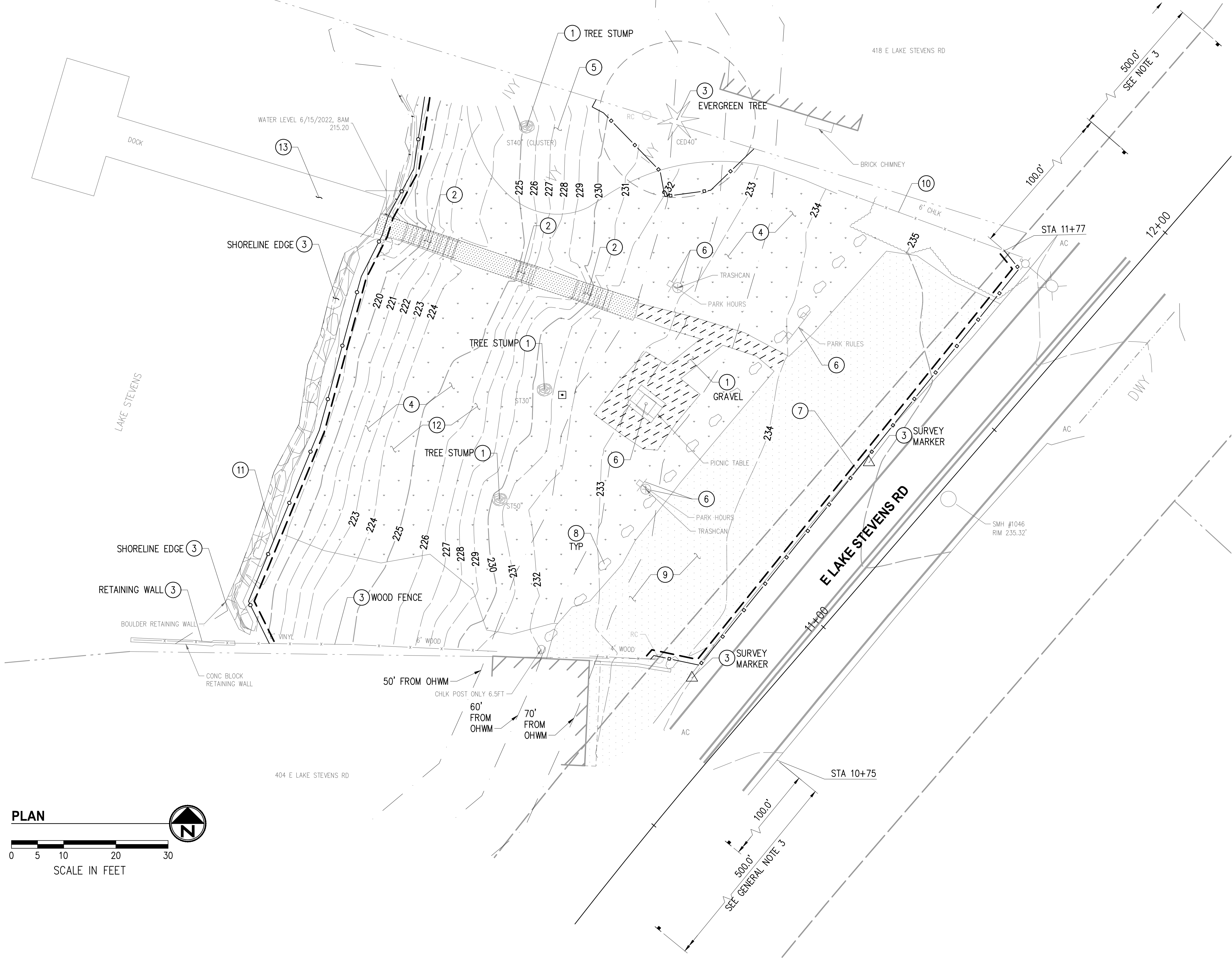
ISSUED
FOR BID



CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

EXISTING CONDITIONS SURVEY CONTROL, LEGEND, AND ABBREVIATIONS	
KPG PROJECT No. 22030	SHT <u>2</u> OF <u>17</u>

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM



GENERAL NOTES

1. WORK SHALL BE PERFORMED ONLY WITHIN PARK PROPERTY.
2. WORK SHALL MINIMIZE RUNOFF AND SEDIMENT MIGRATION INTO LAKE.
3. "WORK AHEAD" SIGNS SHALL BE PLACED AT 500-FT AND 100-FT AWAY FROM SITE ON E LAKE STEVENS ROAD IN BOTH DIRECTIONS.
4. TREES TO BE SAVED SHALL BE PROTECTED PER SHEET 4.
5. INLET PROTECTION SHALL BE PROVIDED PER WSDOT STD PLAN I-40.20 WITHIN 500 LINEAR FEET OF THE PROJECT SITE ALONG E LAKE STEVENS RD.

CONSTRUCTION NOTES

1. REMOVE.
2. REMOVE CEMENT CONCRETE PATH AND STAIRS.
3. SAVE AND PROTECT.
4. CLEAR AND GRUB LAWN.
5. CLEAR AND GRUB IVY.
6. REMOVE AND SALVAGE TO CITY.
7. INSTALL TEMPORARY CHAIN LINK FENCE SEE DETAIL, SHEET 4.
8. REMOVE BOULDERS AND STOCKPILE FOR REUSE.
9. REGRADE GRAVEL FOR ASPHALT PARKING AREA, SEE SHEET 5.
10. REMOVE EXISTING CHAINLINK FENCE.
11. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.17.
12. AMEND ALL DISTURBED SOILS WITHIN LANDSCAPED AREAS PER LANDSCAPE PLAN SHEET 14; AMENDED SOILS SHALL MEET OR EXCEED BMP T5.13, SEE SHEET 4.
13. DOCK REPLACED BY OTHERS. CONTRACTOR SHALL COORDINATE FINAL PARK IMPROVEMENTS WITH CITY'S DOCK REPLACEMENT CONTRACTOR FOR SEAMLESS AND FLUSH TRANSITION OF SIDEWALK TO DOCK.

GENERAL CONSTRUCTION SEQUENCE:

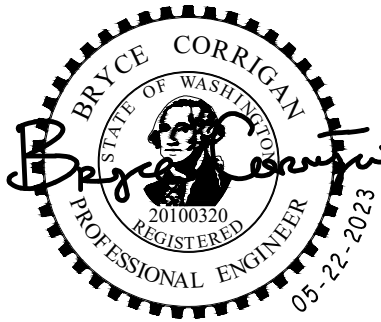
- 1) MARK CLEARING LIMITS
- 2)INSTALL SILT FENCE, INLET PROTECTIONS, & TEMPORARY CHAIN LINK FENCING
- 3)BEGIN CLEARING & GRUBBING. REMOVE EXISTING HARD SURFACES AND LANDSCAPING ELEMENTS AS DIRECTED
- 4)BEGIN SITE GRADING. ESTABLISH PAVEMENT SUBGRADES & EXCAVATE BIORETENTION CELL & SPILLWAY. STABILIZE EXPOSED SOILS.
- 5)INSTALL BURIED STORMWATER UTILITIES
- 6)INSTALL FINAL PAVING AND HARDSCAPING
- 7) INSTALL FINAL STRUCTURES, LANDSCAPING, INCLUDING PLANTING & SEEDING/STABILIZATION OF AMENDED SOIL AREAS
- 8) FINAL SITE STABILIZATION & SEDIMENT REMOVAL

LEGEND

- REMOVE CEMENT CONC PAVEMENT
- REMOVE GRAVEL
- INLET PROTECTION
- REMOVE CONIFEROUS TREE
- REMOVE DECIDUOUS TREE
- SILT FENCE
- TEMPORARY CHAINLINK FENCE
- CLEARING LIMITS
- STONE BOULDERS

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030SP-TESC.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	BC 05/2023
PROJECT ENGINEER	DATE	DESIGNED BY
		BC 05/2023
		DRAWN BY
		BC 05/2023
		CHECKED BY
		DATE



ISSUED
FOR BID

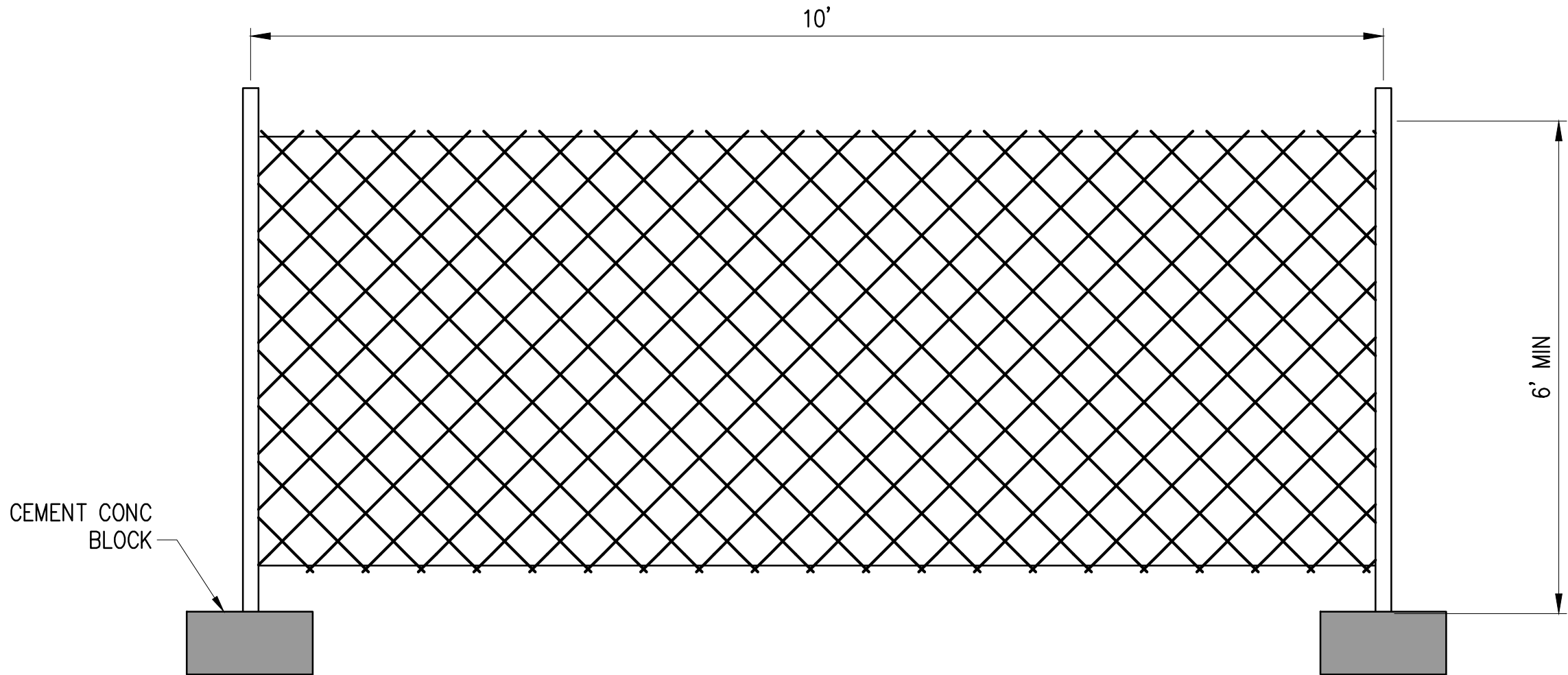


CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

SITE PREPARATION & EROSION CONTROL
PLAN

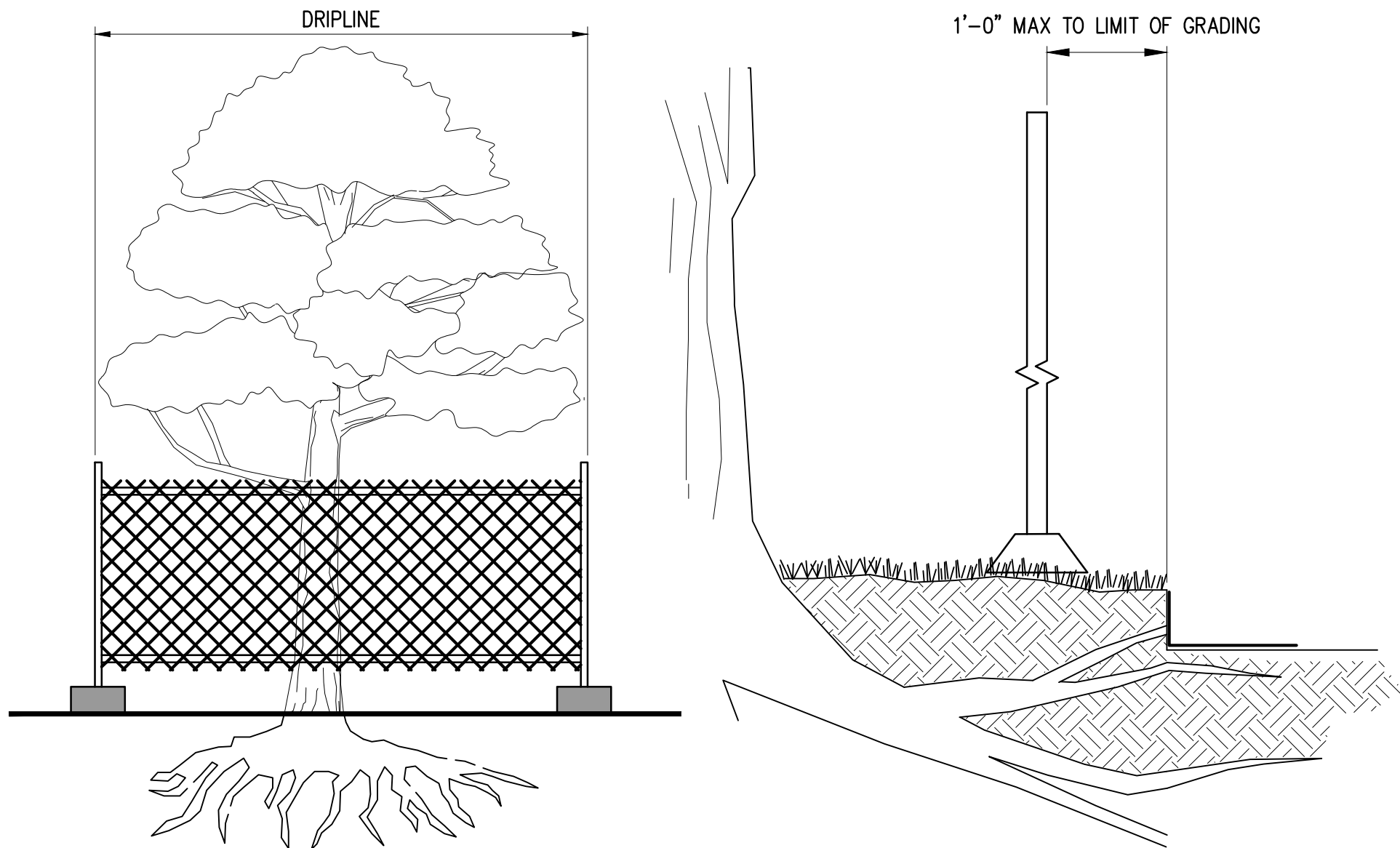
KPG PROJECT No. 22030 SHT 3 OF 17

K:\PROJECTS\lake_stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



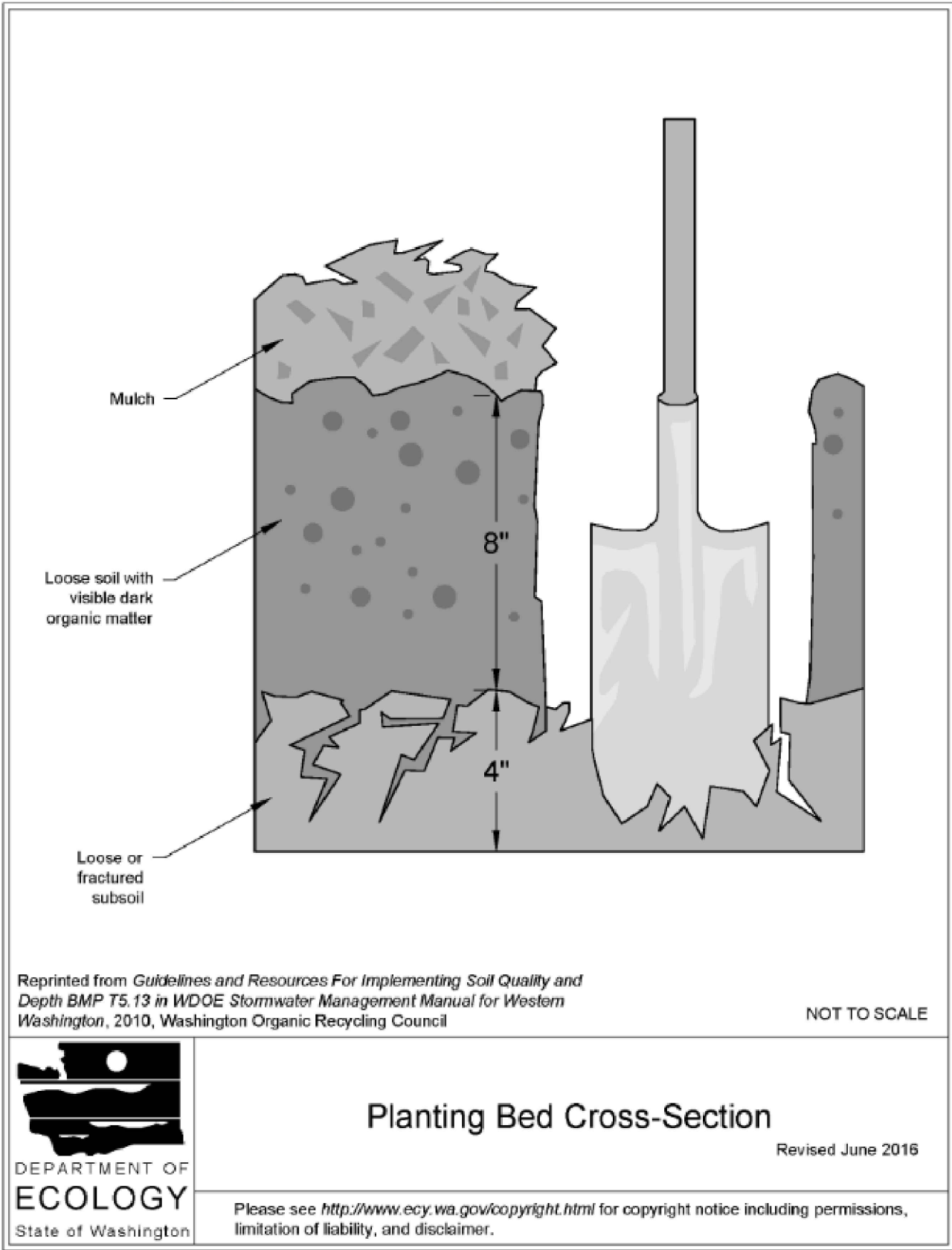
NOTES:
SIX FOOT HIGH TEMPORARY CHAIN LINK FENCE SHALL BE PLACED WHERE INDICATED ON PLANS. ACCESS GATES TO BE INSTALLED ONLY WHERE INDICATED ON PLANS. INSTALL FENCE POSTS USING CEMENT CONC BLOCK FOOTINGS ONLY. AVOID DRIVING POSTS OR STAKES INTO EXISTING GROUND SURFACE.

TEMPORARY CHAIN LINK FENCE DETAIL
NTS



TREE PROTECTION DETAIL
NTS

Figure V-11.1: Planting Bed Cross-Section



NOTES:
SEE LANDSCAPE PLAN SHEET 14 FOR SPECIFIC SOIL AMENDMENT REQUIREMENTS TO MEET THIS BMP.
2019 Stormwater Management Manual for Western Washington
Volume V - Chapter 11 - Page 930

TREE PROTECTION NOTES

- SIX FOOT HIGH HIGH-VISIBILITY FENCE SHALL BE PLACED AROUND TREE TO BE SAVED AT RADIUS INDICATED (EQUIVALENT TO TREE DRIPLINE). FENCE SHALL COMPLETELY ENCIRCLE TREE(S). INSTALL FENCE POSTS USING PIER BLOCKS ONLY. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
- ENGINEER TO APPROVE TREE PROTECTION FENCING LAYOUT PRIOR TO START OF CONSTRUCTION ACTIVITIES.
- TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1" IN DIAMETER DAMAGED DURING CONSTRUCTION; MAKE A CLEAN, STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING, AND COVERED WITH SOIL AS SOON AS POSSIBLE.
- WORK WITHIN PROTECTION FENCE, IF REQUIRED, SHALL BE DONE BY HAND UNDER SUPERVISION OF THE CITY'S ARBORIST. NO STOCKPILE OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMITS OF THE FENCING.
- PORTIONS OF THE CHAIN LINK FENCE MAY BE MOVED 1/3 INTO THE TREE PROTECTION FENCING AREA IF UNABLE TO PROTECT THE ENTIRE AREA. THIS IS ONLY PERMITTED FOR PORTIONS OF THE TREE PROTECTION FENCING AREA THAT ARE IN CONFLICT WITH CONSTRUCTION ACTIVITIES BASED UPON ENGINEER'S APPROVAL.
- ALL TREES NOTED FOR REMOVAL SHALL BE APPROVED BY ENGINEER PRIOR TO START OF CONSTRUCTION ACTIVITIES.
- ALL TREES TO REMAIN WITHIN CLEARING AND GRUBBING LIMITS SHALL BE TAGGED FOR APPROVAL BY ENGINEER, PRIOR TO START OF CONSTRUCTION ACTIVITIES.

TESC NOTES:
5-122 MAINTENANCE OF SILTATION BARRIERS NOTE
SILTATION BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. SEDIMENT DEPOSITS MUST BE REMOVED WHEN SEDIMENT LEVEL REACHES APPROXIMATELY ONE-HALF THE SILTATION BARRIER HEIGHT. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
5-119 SITE GRADING AND SWPPP NOTES
NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS, LSMC 14.44, 14.64, AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS AND PLAN APPROVAL AND BOND FORECLOSURES.

PRIOR TO ANY SITE CONSTRUCTION, INCLUDING CLEARING, LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS _____

DEVELOPER (OR PROJECT ENGINEER) IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS _____

THE CONSTRUCTION STORMWATER POLLUTION PREVENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING. AN INSPECTION BY THE CITY OF THESE FACILITIES SHALL BE ARRANGED FOR BY THE CONTRACTOR PRIOR TO ANY GRADING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.

ALL SITE WORK MUST BE PERFORMED IN ACCORDANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.

ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS. PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.

IF CUT AND FILL SLOPES EXCEED A MAXIMUM OF TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, A ROCK OR CONCRETE RETAINING WALL MAY BE REQUIRED. ALL ROCK RETAINING WALLS GREATER THAN FOUR (4) FEET IN HEIGHT ARE TO BE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER EXPERIENCED IN SOIL MECHANICS.

STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDROSEEDING IS PREFERRED.

ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY IN THE UPPER 4 FEET 90% MAXIMUM DENSITY BELOW 4 FEET AS DETERMINED BY MODIFIED PROCTOR.

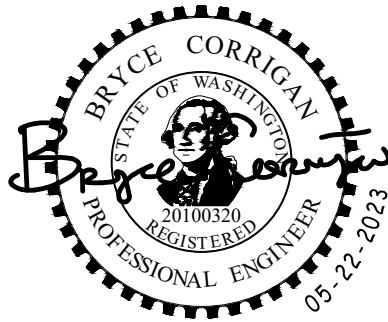
PRIOR TO ANY SITE WORK PERTAINING TO DRAINAGE, THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION OF PUBLIC WORKS DEPARTMENT AT 360-377-3222 TO SCHEDULE A PRECONSTRUCTION CONFERENCE.

CONSTRUCTION STORMWATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE WORK. (SEE ATTACHED DETAILED DRAINAGE PLAN).

THE SURFACE OF ALL SLOPES SHALL BE COMPACTED. THIS MAY BE ACCOMPLISHED BY OVER-BUILDING THE SLOPES, THEN CUTTING BACK TO FINAL GRADES; OR BY COMPACTING EACH LIFT AS THE SLOPE IS BEING CONSTRUCTED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORKING DAY.

UPON COMPLETION OF WORK, FINAL REPORTS MUST BE SUBMITTED TO THE CITY IN CONFORMANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.

NO.	DATE	BY	APPR.	REVISIONS	Approved By	22030SP-TESC-DET.dwg	
						FILENAME	
						BC	05/2023
						ENGINEERING MANAGER	DATE
						DESIGNED BY	DATE
						BC	05/2023
					PROJECT MANAGER	DATE	
					DRAWN BY	DATE	
					BC	05/2023	
					PROJECT ENGINEER	DATE	
					CHECKED BY	DATE	



ISSUED
FOR BID



CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

SITE PREPARATION & EROSION CONTROL DETAILS	
KPG PROJECT No. 22030	SHT <u>4</u> OF <u>17</u>

POINT TABLE				
NUMBER	NORTHING	EASTING	ELEV	DESCRIPTION
1	367495.20	1336577.54	233.95	MATCH EXISTING
2	367510.94	1336558.98	233.22	EDGE CONCRETE
3	367517.40	1336551.34	233.37	EDGE CONCRETE
4	367536.32	1336572.55	234.01	PICNIC PAD
5	367542.04	1336565.65	234.05	PICNIC PAD
6	367552.78	1336574.70	234.20	PICNIC PAD
7	367546.99	1336581.56	234.16	PICNIC PAD
8	367553.89	1336587.38	234.35	PICNIC PAD
9	367560.64	1336579.34	234.40	PICNIC PAD
10	367571.34	1336588.39	234.69	PC, PATH
11	367579.66	1336589.09	234.49	PC, PATH
12	367584.93	1336601.75	234.68	EDGE CONCRETE









POINT TABLE				
NUMBER	NORTHING	EASTING	ELEV	DESCRIPTION
13	367578.32	1336615.88	234.80	EDGE CONCRETE
14	367567.72	1336631.53	235.36	EDGE OF PARKING
15	367580.26	1336597.48	233.83	MATCH EXISTING
16	367544.69	1336587.48	234.17	MID POINT
17	367560.82	1336601.10	234.61	EDGE
18	367568.00	1336572.43	232.42	PT
19	367559.80	1336569.07	232.27	LANDING
20	367554.12	1336566.70	232.14	LANDING
21	367532.66	1336552.45	229.20	LANDING
22	367527.16	1336546.91	229.06	LANDING
23	367513.06	1336525.43	226.00	LANDING
24	367516.18	1336513.14	225.99	LANDING

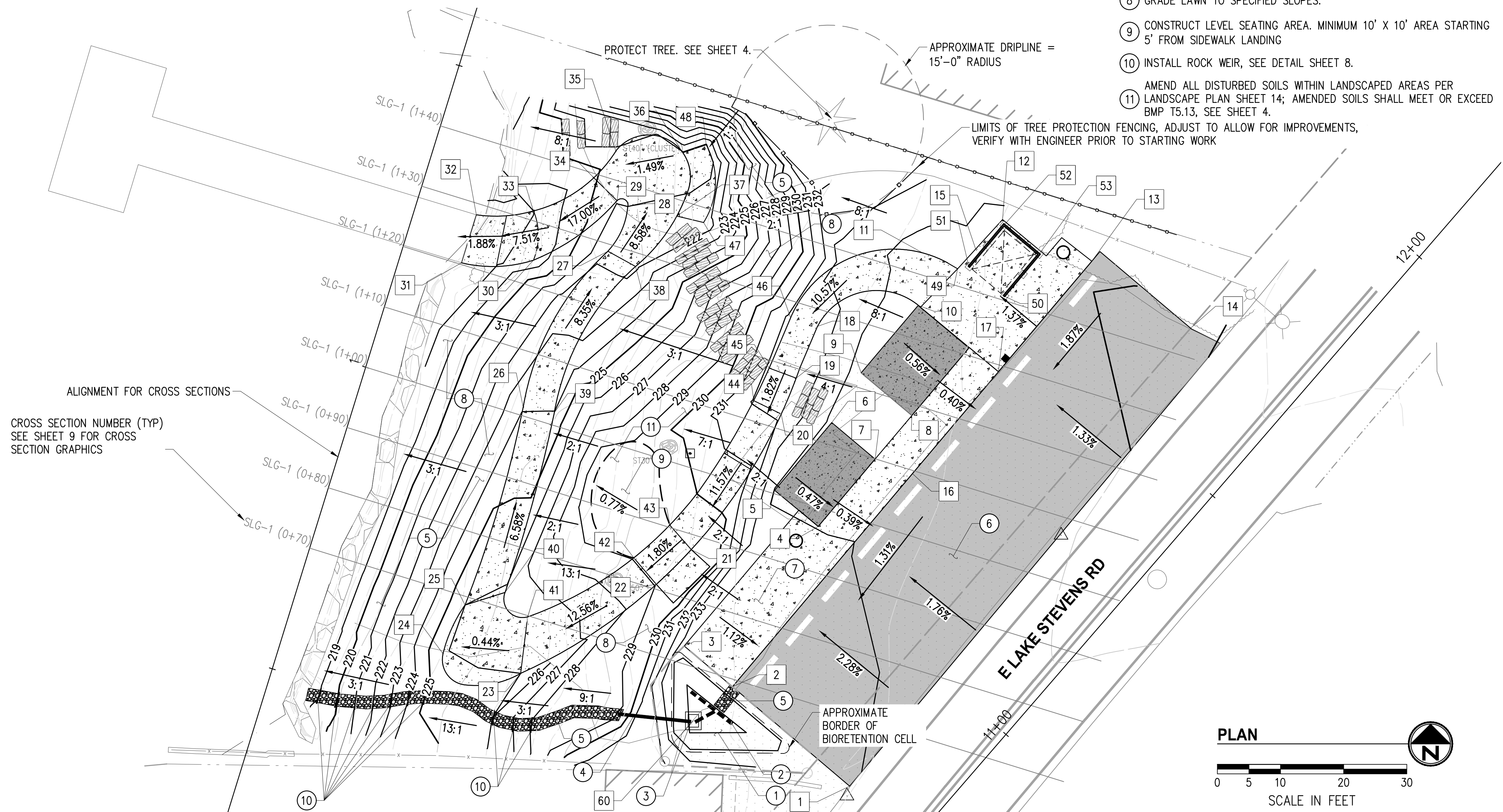
POINT TABLE				
NUMBER	NORTHING	EASTING	ELEV	DESCRIPTION
25	367523.89	1336516.63	226.00	LANDING
26	367555.20	1336525.83	223.95	MID
27	367579.91	1336539.25	221.80	EDGE
28	367586.99	1336542.39	221.00	PC
29	367587.90	1336540.69	220.95	PT
30	367578.48	1336527.43	218.29	EDGE
31	367578.07	1336516.07	217.83	MATCH EXISTING
32	367585.67	1336518.42	217.62	MATCH EXISTING
33	367586.29	1336527.45	217.97	EDGE
34	367591.54	1336537.01	219.86	EDGE
35	367595.77	1336540.51	220.62	EDGE
36	367595.49	1336551.11	220.86	EDGE

POINT TABLE				
NUMBER	NORTHING	EASTING	ELEV	DESCRIPTION
37	367585.47	1336550.16	221.08	EDGE
38	367577.48	1336543.63	221.80	EDGE
39	367554.34	1336530.76	224.02	MID
40	367525.89	1336522.96	226.09	LANDING
41	367521.99	1336526.53	226.15	LANDING
42	367531.35	1336543.36	229.05	LANDING
43	367536.50	1336549.08	229.19	LANDING
44	367556.24	1336562.34	232.06	LANDING
45	367561.40	1336564.79	232.17	LANDING
46	367569.36	1336568.18	232.32	PT, LANDING
47	367584.46	1336554.40	221.12	CORNER
48	367596.76	1336554.81	220.90	CORNER

POINT TABLE				
NUMBER	NORTHING	EASTING	ELEV	DESCRIPTION
49	367577.12	1336594.62	234.54	CORNER
50	367572.81	1336601.98	234.68	FG @ ENCLOSURE
51	367577.47	1336596.42	234.58	FG @ ENCLOSURE
52	367584.03	1336601.97	234.68	FG @ ENCLOSURE
53	367579.43	1336607.52	234.81	FG @ ENCLOSURE
60	367505.54	1336552.78	232.00	OVERFLOW STRUCTURE

LEGEND

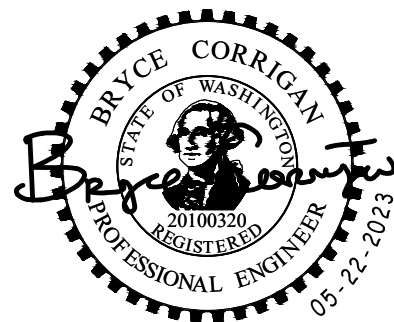
	CONCRETE SIDEWALK
	CEMENT CONCRETE PAD
	ASPHALT
	OHWM LINE
	STONE STEPS
	SILT FENCE
	QUARRY SPALL PAD
	TREE PROTECTION FENCE

[illegible]

Approved By

ENGINEERING MANAGER	DATE
PROJECT MANAGER	DATE
PROJECT ENGINEER	DATE

22030GRAD.dwg	
FILENAME	
BC	05/2023
DESIGNED BY	DATE
BC	05/2023
DRAWN BY	DATE
BC	05/2023
CHECKED BY	DATE



Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640

Tacoma | Wenatchee | **KPG.com**

**ISSUED
FOR BID**



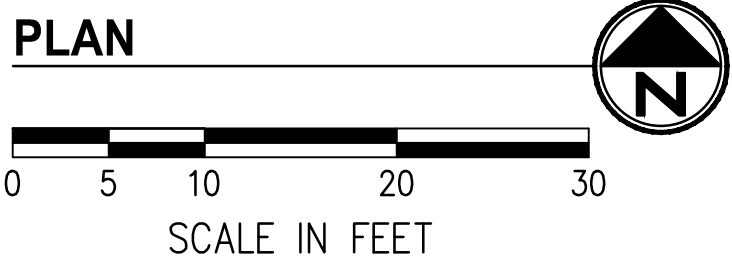
CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

SITE IMPROVEMENTS

SITE EXCAVATION, GRADING, & DRAINAGE PLAN

KPG PROJECT No. 22030 SHT 5 OF 17

K:\PROJECTS\lake_stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



LEGEND

- CONCRETE SIDEWALK
- CEMENT CONCRETE PAD
- ASPHALT
- OHWM LINE
- ARCHITECTURAL JOINT
- EXPANSION JOINT

GENERAL NOTES

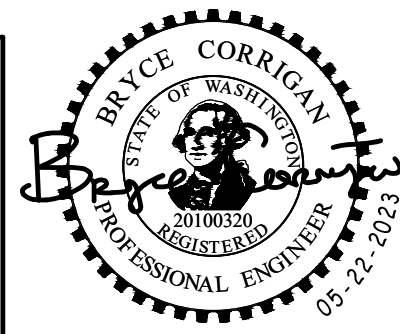
1. WORK SHALL PROCEED TO MINIMIZE DISTURBANCE TO NEIGHBORS.
2. "WORK AHEAD" SIGNS SHALL BE PLACED AT 500-FT AND 100-FT AWAY FROM SITE ON E LAKE STEVENS ROAD IN BOTH DIRECTIONS.

CONSTRUCTION NOTES

1. INSTALL CEMENT CONC. SIDEWALK PER SECTION. SEE DETAIL SHEET 7.
2. INSTALL CEMENT CONC. PAD FOR FUTURE SHADE STRUCTURE. SEE DETAIL SHEET 7.
3. INSTALL HMA CL 1/2" PG58H-22 FOR PARKING LOT. SEE DETAIL SHEET 7.
4. INSTALL PRECAST DUAL FACED SLOPED MOUNTABLE CURB. SEE DETAIL SHEET 7.
5. INSTALL ACCESSIBLE PARKING SYMBOL. SEE DETAIL SHEET 7.
6. INSTALL WHITE PAINT LINE 4".
7. INSTALL ACCESS AISLE. WHITE PAINT LINE 4". SEE DETAIL SHEET 7.
8. INSTALL COMPACT SPACE. WHITE PAINT 12" LETTERS.
9. CONSTRUCT CEMENT CONCRETE PAD FOR FUTURE BENCH PER CEMENT CONC. SIDEWALK SECTION. SEE DETAIL SHEET 7.
10. CONSTRUCT ENCLOSURE FOUNDATIONS AND FOOTINGS, SEE DETAIL SHEET 8.

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030GRAD.dwg	
ENGINEERING MANAGER	DATE	DESIGNED BY	DATE
PROJECT MANAGER	DATE	DRAWN BY	DATE
PROJECT ENGINEER	DATE	CHECKED BY	DATE



KPG
PSOMAS

Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640
Tacoma | Wenatchee | KPG.com

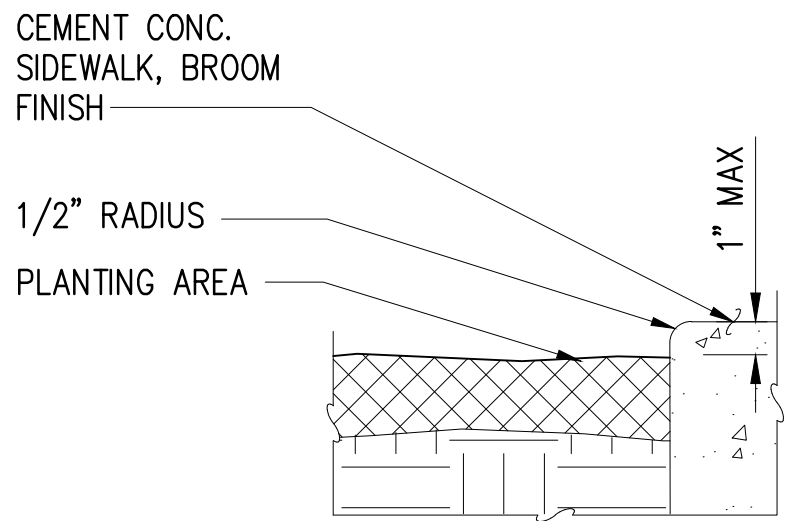
ISSUED
FOR BID



CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

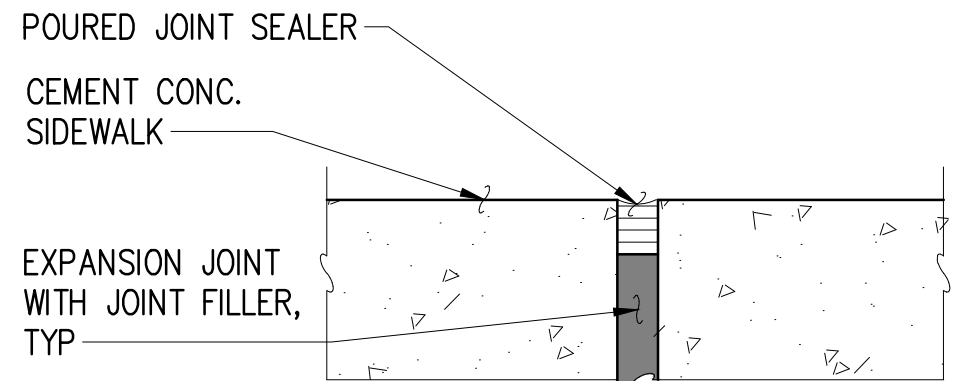
SITE IMPROVEMENTS PAVING AND SURFACING PLAN	
KPG PROJECT No. 22030	SHT <u>6</u> OF <u>17</u>

k:\PROJECTS\lake_stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



SIDEWALK EDGE DETAIL

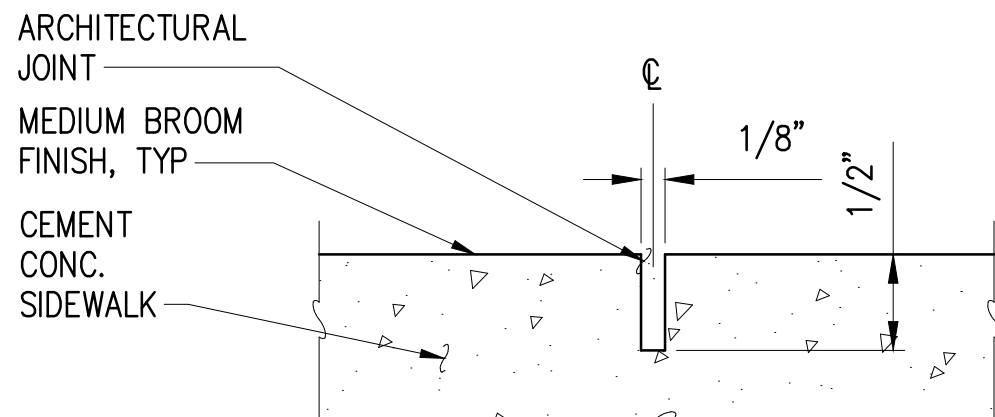
NTS



NOTE: MINIMUM DISANCE BETWEEN EXPANSION JOINT IS EITHER 15' OR 16', SEE SITE PLAN.

EXPANSION JOINT DETAIL

NTS



NOTES:

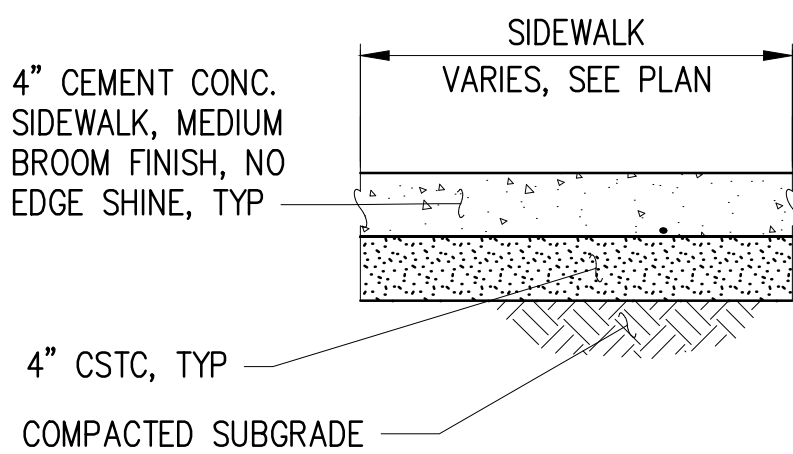
- CLEAN SCORE JOINT BY SAWCUT ONLY. NO RADIUS ON EDGE. NO SMOOTH FLANGE TOOLING ON EITHER SIDE OF JOINT.
- OWNER'S REPRESENTATIVE TO FIELD VERIFY ARCHITECTURAL JOINT LAYOUT PRIOR TO INSTALLATION.

ARCHITECTURAL JOINT DETAIL

NTS

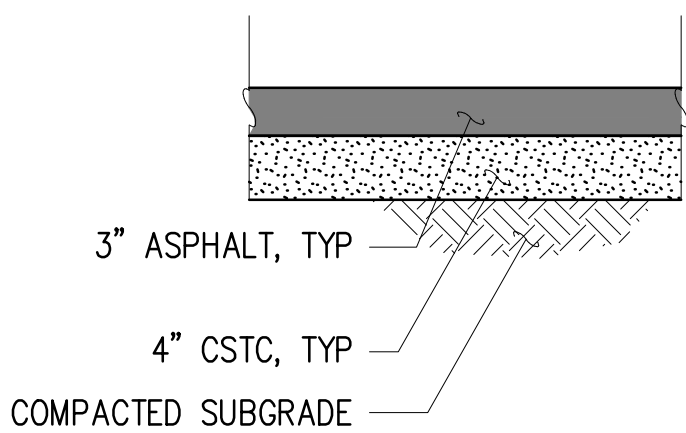
5-118 STORM DRAINAGE NOTES

- PRIOR TO ANY SITE WORK, INCLUDING DRAINAGE, THE CONTRACTOR SHALL CONTACT THE CITY OF LAKE STEVENS PUBLIC WORKS DEPARTMENT AT 425-377-3222 TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE.
- ALL PIPE SHALL BE PLACED ON STABLE EARTH. IF, IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING TRENCH FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH GRAVEL BEDDING TO SUPPORT THE PIPE.
- BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE OR PIPE-ARCH IN 6" AVERAGE DEPTH LOOSE LIFTS. MAXIMUM LIFT DEPTH SHALL NOT EXCEED 9". EACH LIFT SHALL BE THOROUGHLY COMPACTED. COMPACTED LIFTS MUST EXTEND AT LEAST ONE PIPE DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. BACKFILL OVER THE PIPE SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-04.3(3) AND 2-03.2(14)C - METHOD B AND C OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
- DETENTION PONDS WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL REQUIRE A POWDER OR VINYL COATED CHAIN LINK PERIMETER FENCE PER STANDARD PLANS 6-110 & 6-120. SIDE SLOPE AVERAGING SHALL NOT BE ALLOWED. ALL INLET AND OUTFALL PIPES SHALL HAVE A TRASH RACK INSTALLED AND A MORTARED RIPRAP HEADWALL. REFER TO STORM DRAINAGE NOTE 10.
- STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO CITY OF LAKE STEVENS FINAL ACCEPTANCE OF THE PROJECT AND UPON COMMENCEMENT AND COMPLETION OF THE 2 YEAR WARRANTY PERIOD FOR THE STORM DRAINAGE SYSTEM.
- UNLESS OTHERWISE NOTED, ALL STORM SEWER PIPE SHALL BE NON-REINFORCED CONCRETE (CP), ASTM C-14; REINFORCED CONCRETE (RCP) FOR CONCRETE PIPE DIAMETERS 24" OR GREATER, ASTM C-76; OR CORRUGATED METAL (CMP). CMP TO BE IS TO BE GALVANIZED STEEL WITH TREATMENT 1 ASPHALT COATING OR BETTER, CORRUGATED ALUMINUM, OR AASHTO M274-70 ALUMINIZED STEEL. ALL PIPES SHALL BE INSTALLED WITH RUBBER GASKETS AS PER MANUFACTURER'S RECOMMENDATIONS.
COVERAGE REQUIREMENTS FOR 12" DIAMETER PIPE:
BACKFILL OVER PIPE LESS THAN 12" REQUIRES RCP CLASS IV.
BACKFILL OVER PIPE LESS THAN 24" REQUIRES RCP MINIMUM.
BACKFILL OVER PIPE GREATER THAN 24" REQUIRES 16 GAGE CMP MINIMUM.
- CORRUGATED POLYETHYLENE PIPE (CPP):
 - ALL PIPE SHALL BE SMOOTH INTERIOR. CPP SHALL BE DOUBLE-WALLED. ALL PIPE SHALL MEET AASHTO AND ASTM SPECIFICATIONS.
 - UPON REQUEST BY THE CITY INSPECTOR, ALL PIPE RUNS SHALL PASS THE LOW PRESSURE AIR TEST REQUIREMENTS OF SECTION 7-04.3(1) E & F OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. PIPE RUNS SHALL BE TESTED WITH PIPE LOADED AND COMPACTED TO FINISH GRADE.
 - UPON REQUEST BY THE CITY INSPECTOR, PIPE SHALL BE SUBJECT TO MANDREL TESTING (MANDREL SIZE = 90% OF NOMINAL PIPE DIAMETER).
 - PIPE SHALL BE STORED ON SITE IN SHIPPING BUNKS ON A FLAT LEVEL SURFACE. THIS REQUIREMENT WILL BE STRICTLY ENFORCED; FAILURE TO COMPLY MAY RESULT IN REJECTION OF THE PIPE AND/OR FUTURE RESTRICTION ON USE OF MATERIAL.
 - MINIMUM DEPTH OF COVER SHALL BE 2 FEET.
 - COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPLIT COUPLINGS WILL NOT BE ALLOWED.
 - BACKFILL SHALL COMPLY WITH SECTION 7-08.3(3) OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION MODIFIED AS FOLLOWS: "THE MATERIAL USED FOR BACKFILLING AROUND AND TO A POINT 1 FOOT ABOVE THE TOP OF THE PIPE SHALL BE CLEAN EARTH OR SAND, FREE FROM CLAY. ANY GRAVEL OR STONES INCLUDED IN THE BACKFILL SHALL PASS THROUGH A 1 INCH SIEVE."
 - ALL NON-PERFORATED METAL PIPE SHALL HAVE NEOPRENE GASKETS AT THE JOINTS. O-RING GASKETS MAY BE USED FOR TYPE-F COUPLING BAND.
 - CULVERT ENDS SHALL BE BEVELED TO MATCH SIDE SLOPES. FIELD CUTTING OF CULVERT ENDS IS PERMITTED WHEN APPROVED BY THE PUBLIC WORKS DIRECTOR OR DESIGNEE OR DESIGNATED REPRESENTATIVE.
 - ALL FIELD CUT CULVERT PIPE SHALL BE TREATED AS REQUIRED IN THE STANDARD SPECIFICATIONS OR GENERAL SPECIAL PROVISIONS.



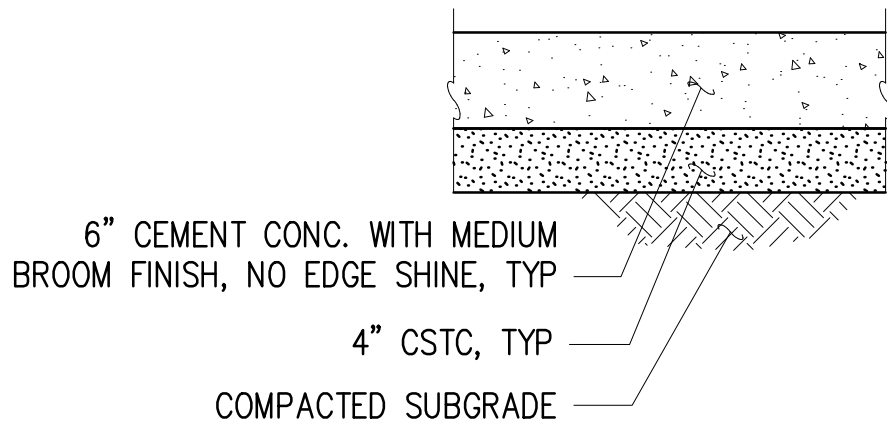
CEMENT CONC. SIDEWALK - TYPICAL SECTION

NTS



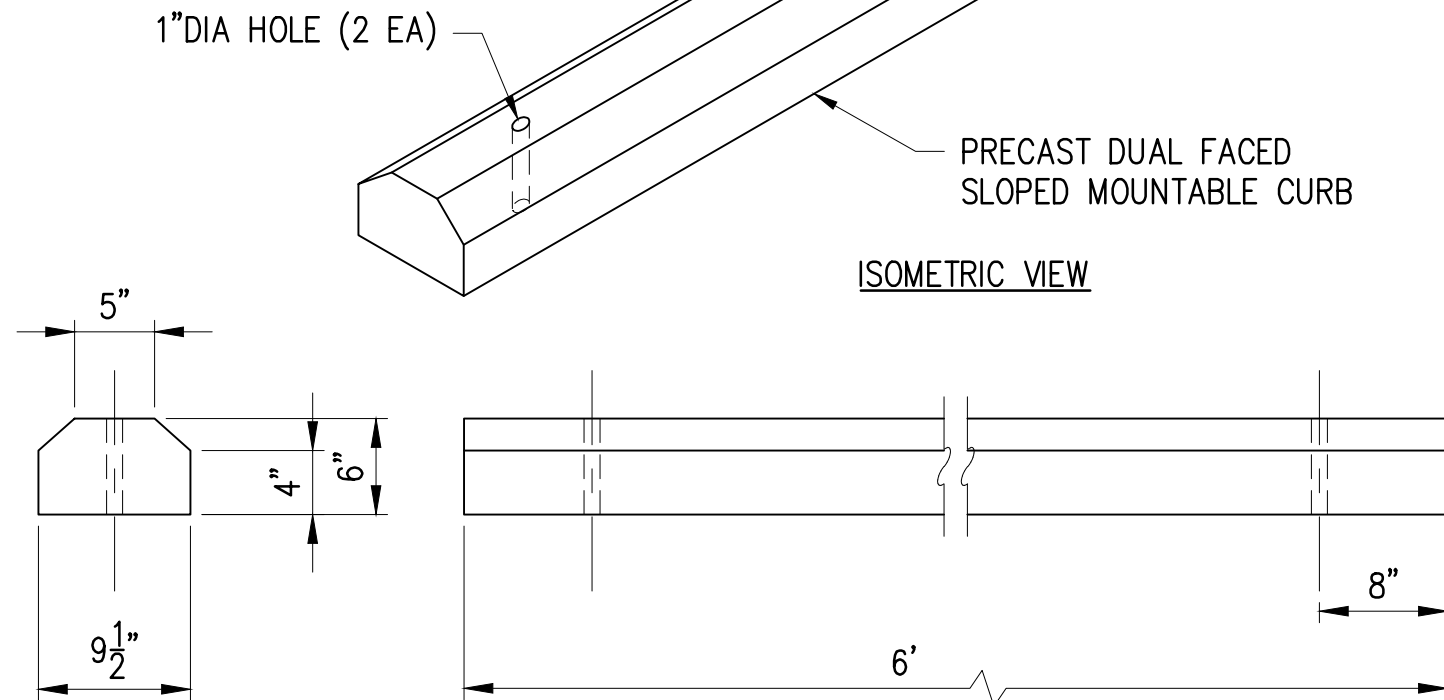
ASPHALT PARKING - TYPICAL SECTION

NTS



CEMENT CONC. SHADE STRUCTURE PAD - TYPICAL SECTION

NTS

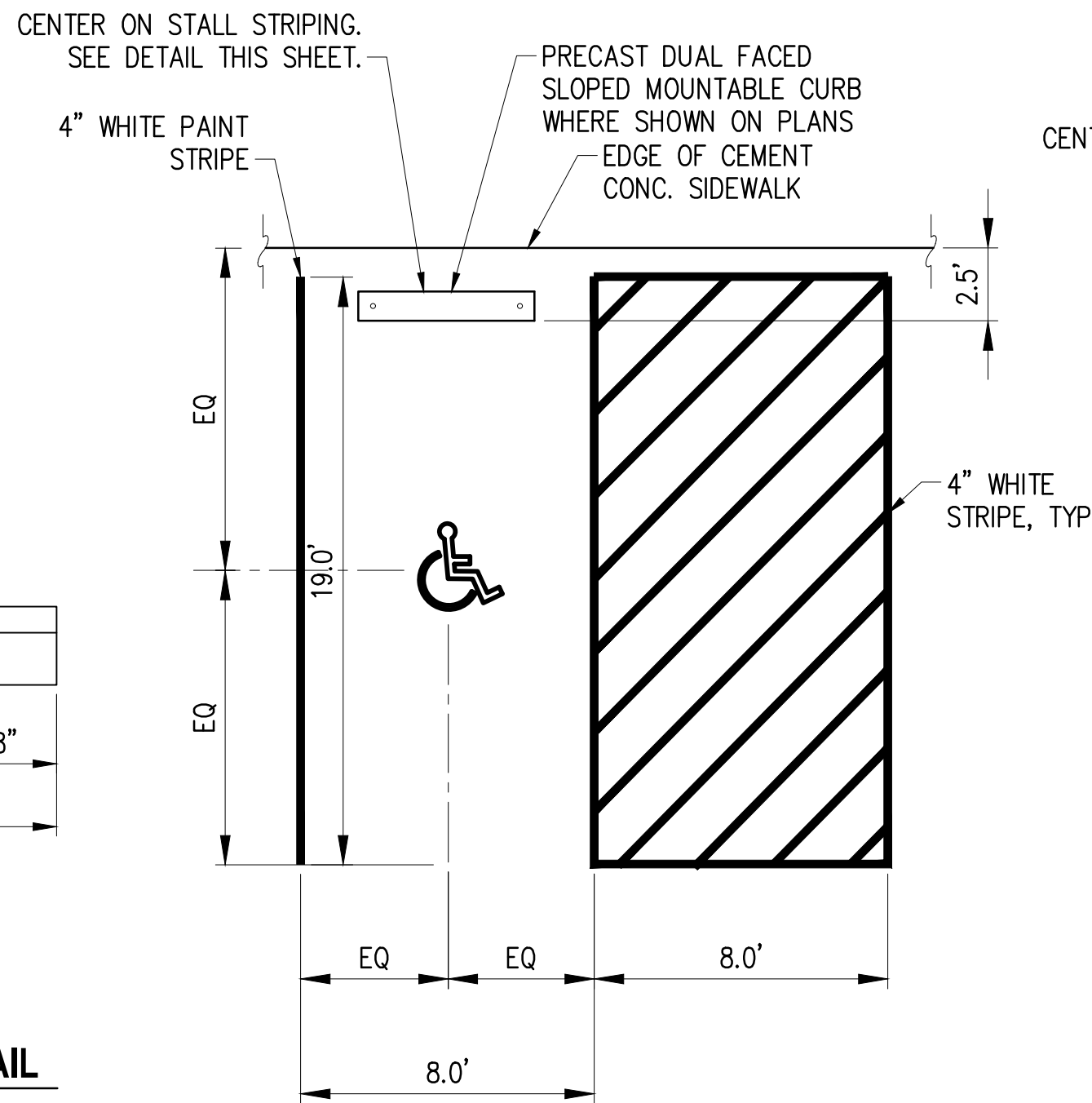


SECTION VIEW

PLAN VIEW

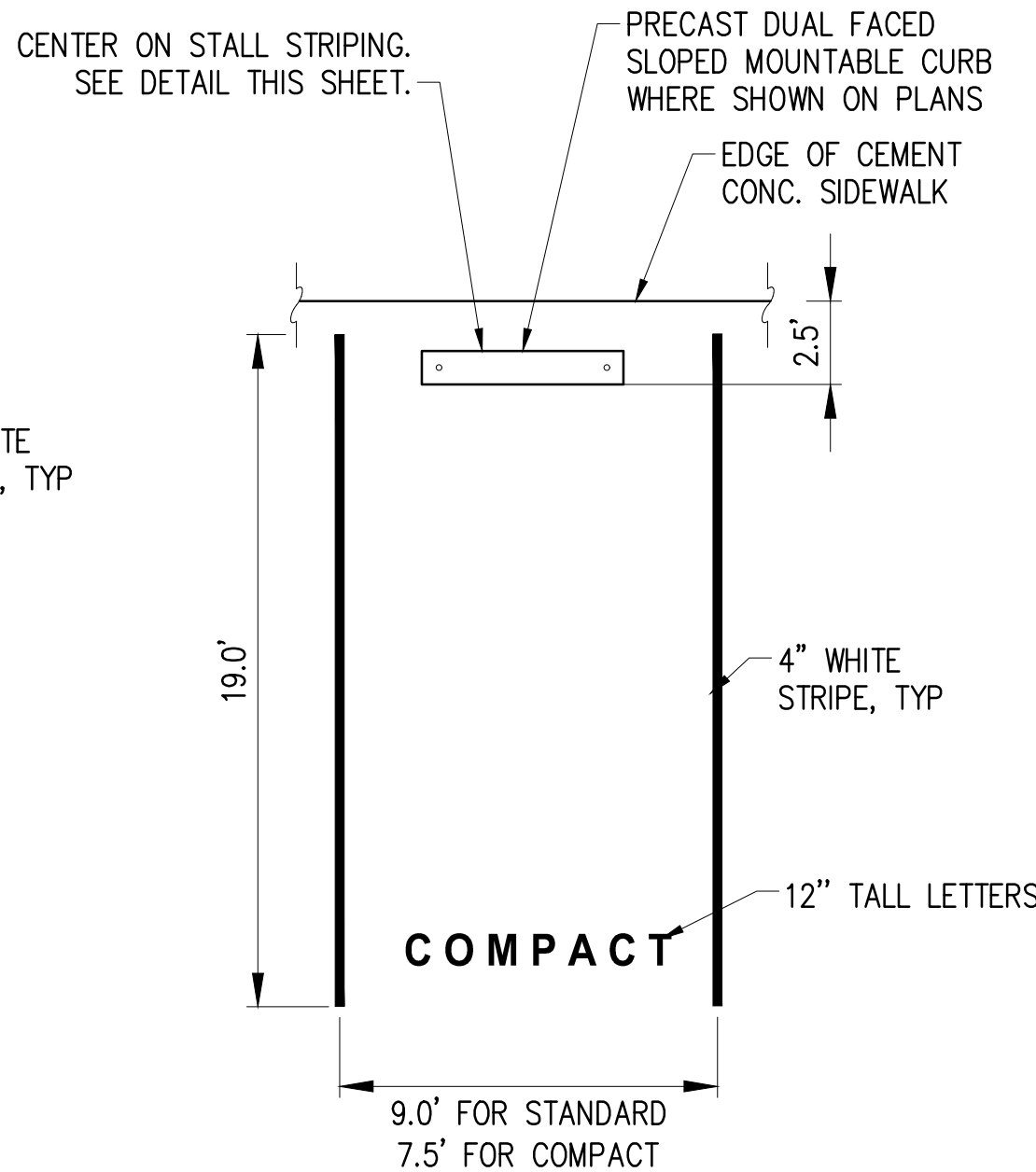
PRECAST DUAL FACED SLOPED MOUNTABLE CURB DETAIL

NTS



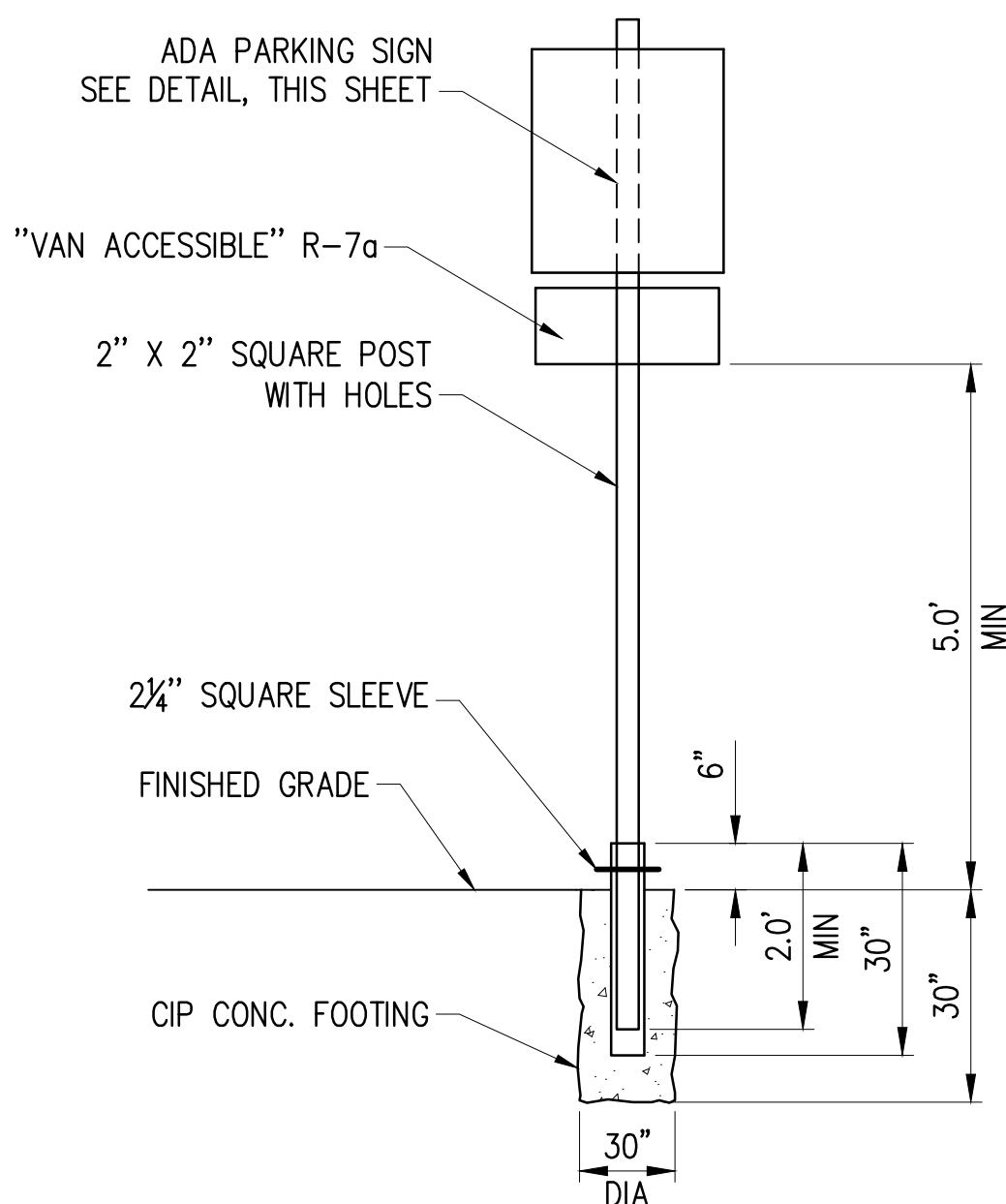
ADA ACCESSIBLE STALL DETAIL, TYP

NTS



PARKING STALL DETAIL, TYP

NTS



STANDARD SIGN POST INSTALLATION

NTS

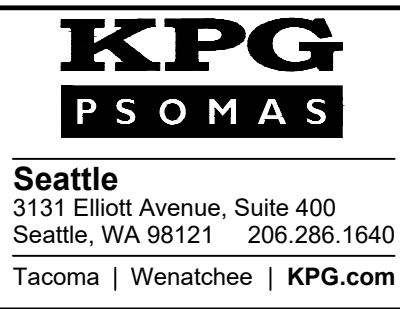
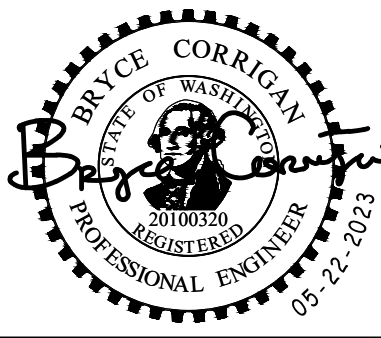


ADA PARKING SIGN DETAIL

NTS

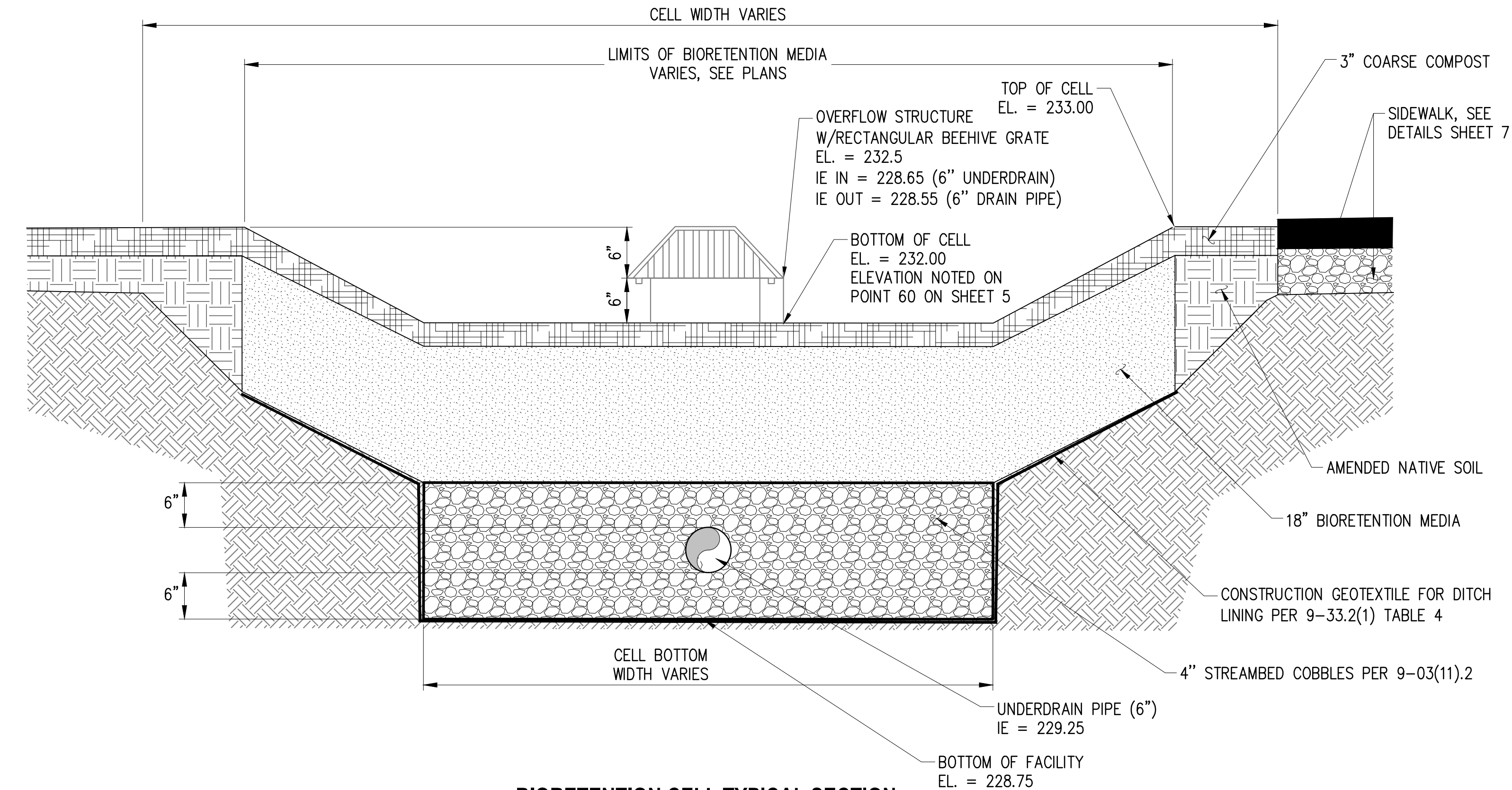
NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030GRAD-DET.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	BC 05/2023
PROJECT ENGINEER	DATE	DESIGNED BY
		BC 05/2023
		DRAWN BY
		BC 05/2023
		CHECKED BY
		DATE



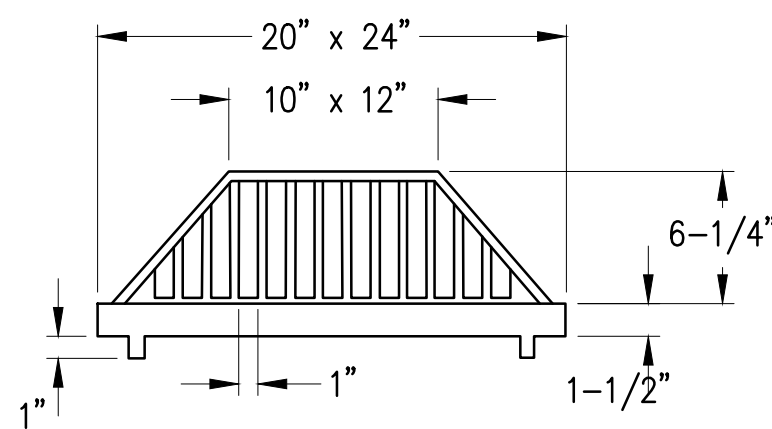
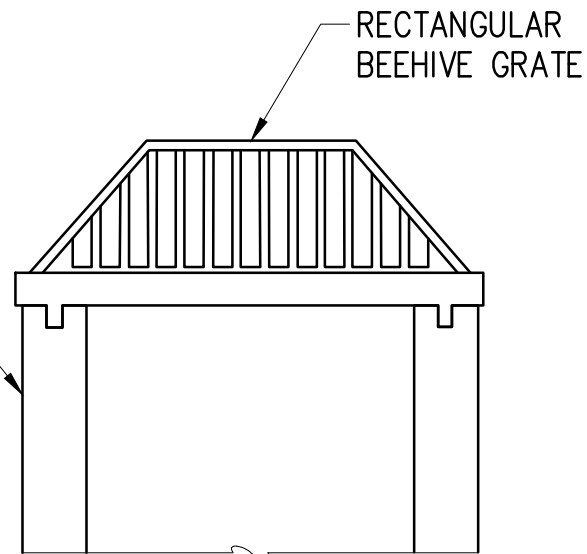
SITE IMPROVEMENTS DETAILS 1	
KPG PROJECT No. 22030	SHT <u>7</u> OF <u>17</u>

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



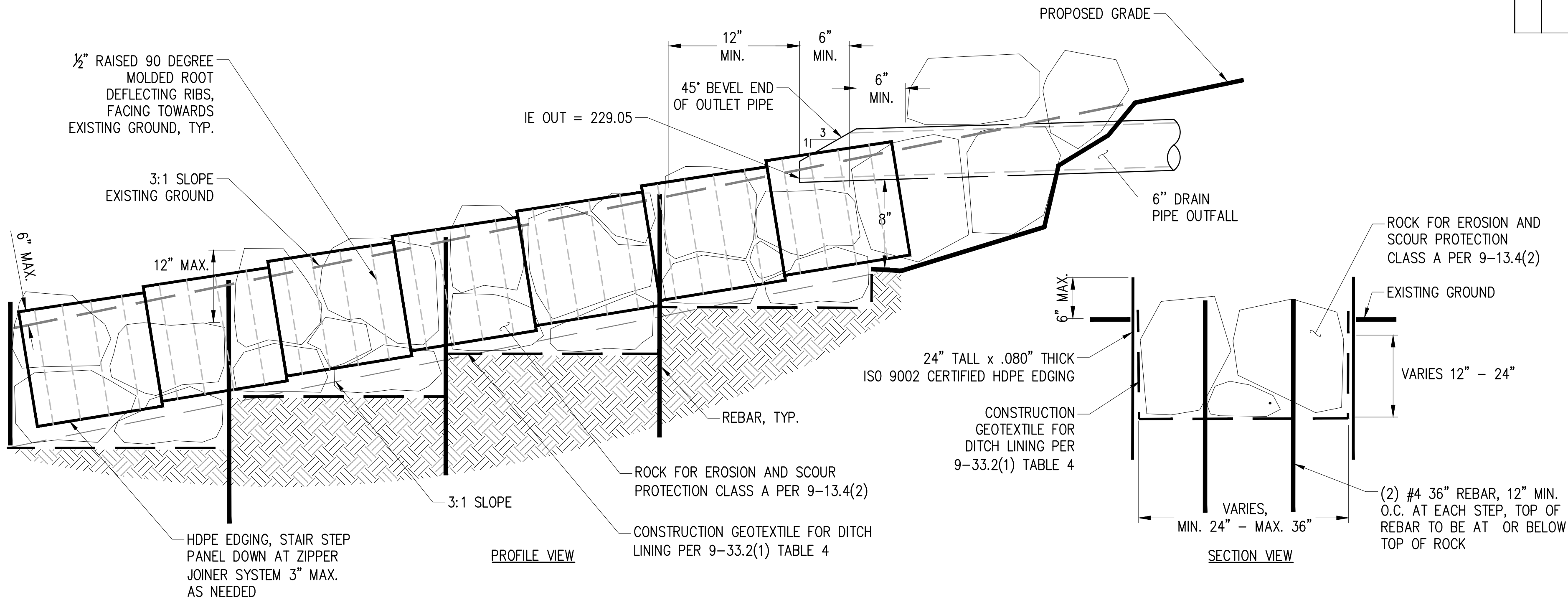
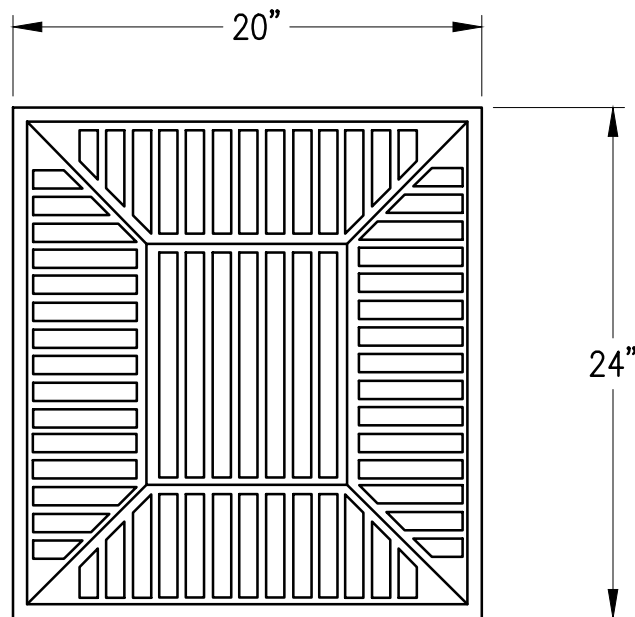
BIORETENTION CELL TYPICAL SECTION
NTS

TYPE 1 CB
W/RECTANGULAR FRAME
PER WSDOT STD PLAN
B-5.20-03 & B-30.10-03

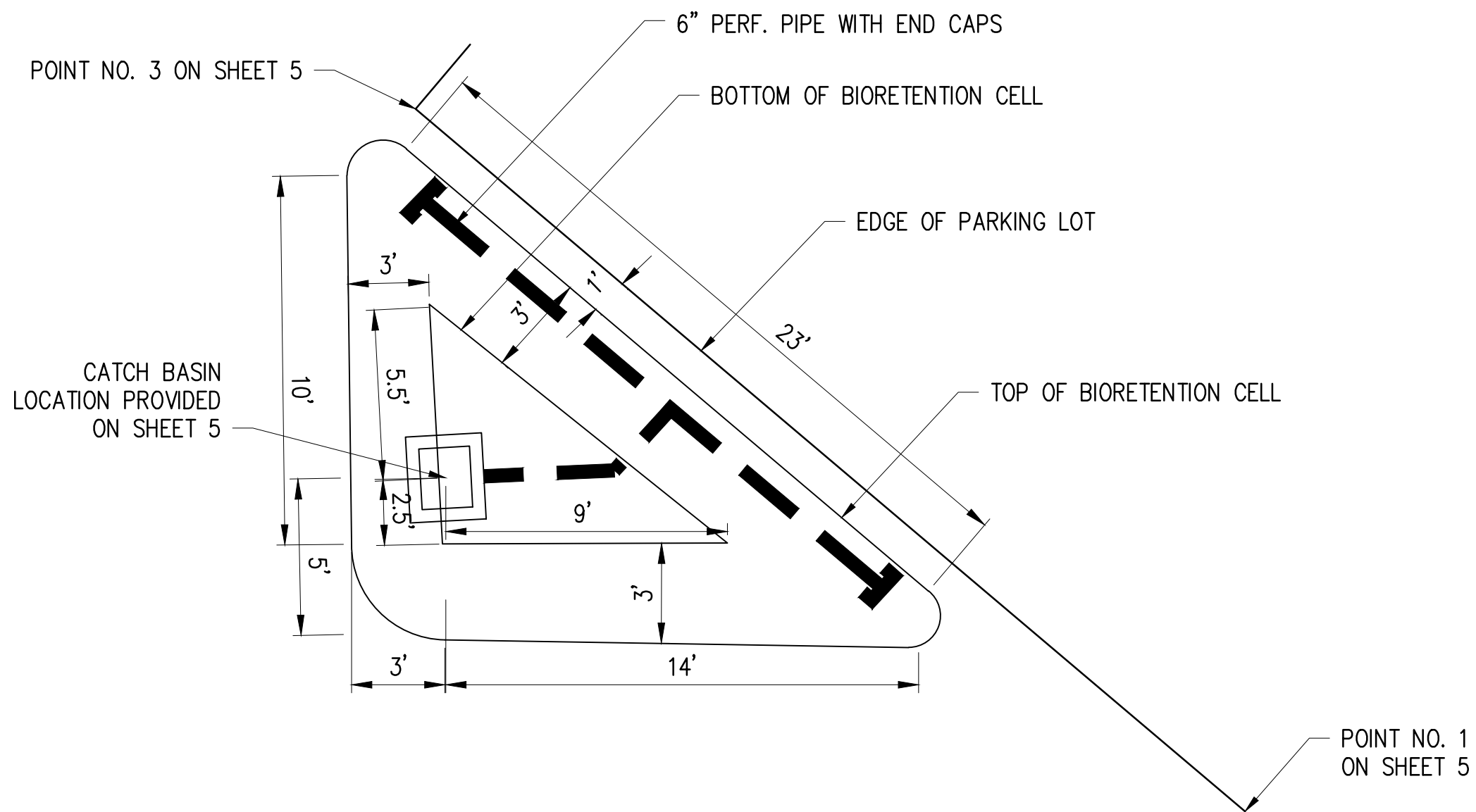


OVERFLOW/BUBBLE-UP DETAIL
NTS

NOTE: GRATE MATERIAL SHALL BE DUCTILE IRON.



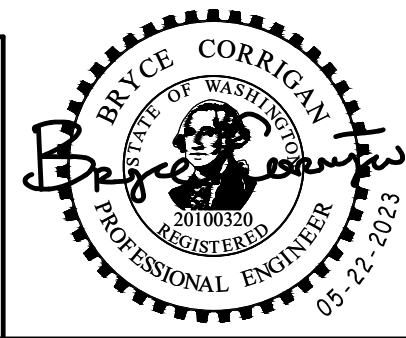
ROCK CHANNEL WITH WEIR
NTS



BIORETENTION CELL LAYOUT
NTS

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030GRAD-DET.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	BC 05/2023
PROJECT ENGINEER	DATE	DESIGNED BY
		BC 05/2023
		DRAWN BY
		BC 05/2023
		CHECKED BY
		DATE



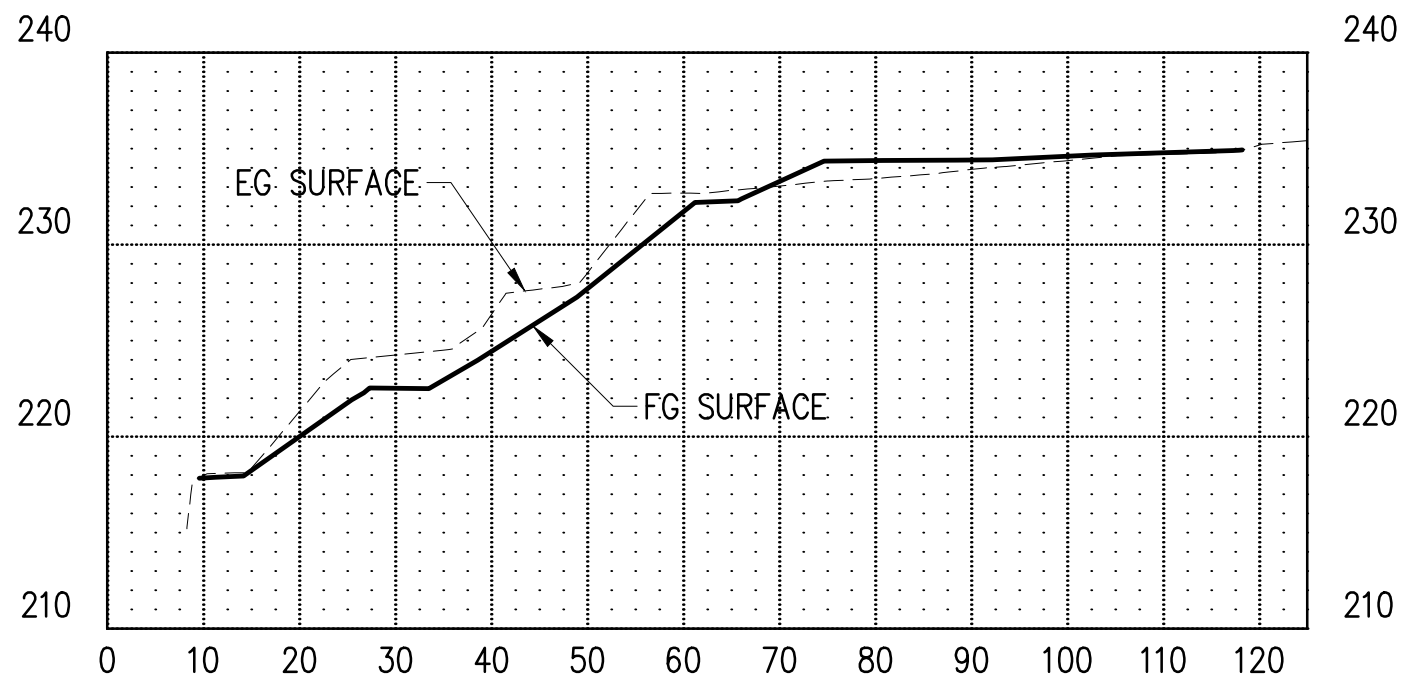
ISSUED FOR BID



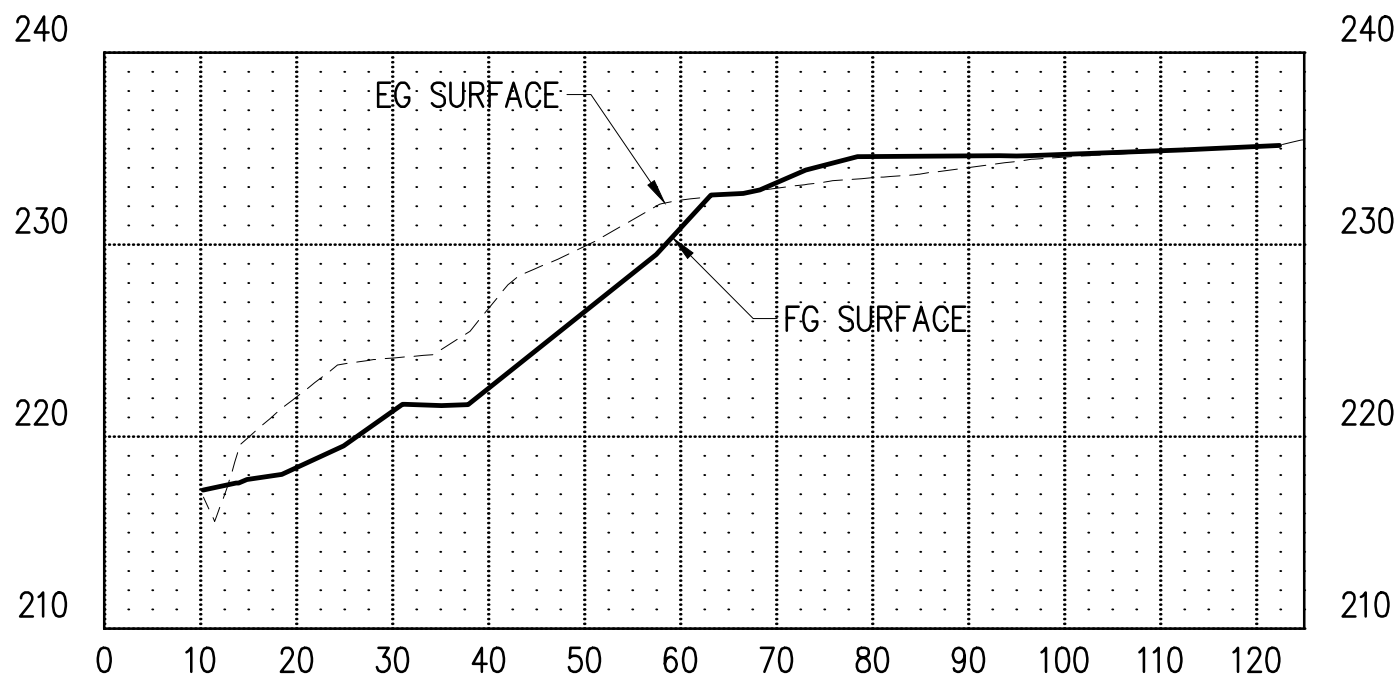
**CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS**

SITE IMPROVEMENTS DETAILS 2	
KPG PROJECT No. 22030	SHT 8 OF 17

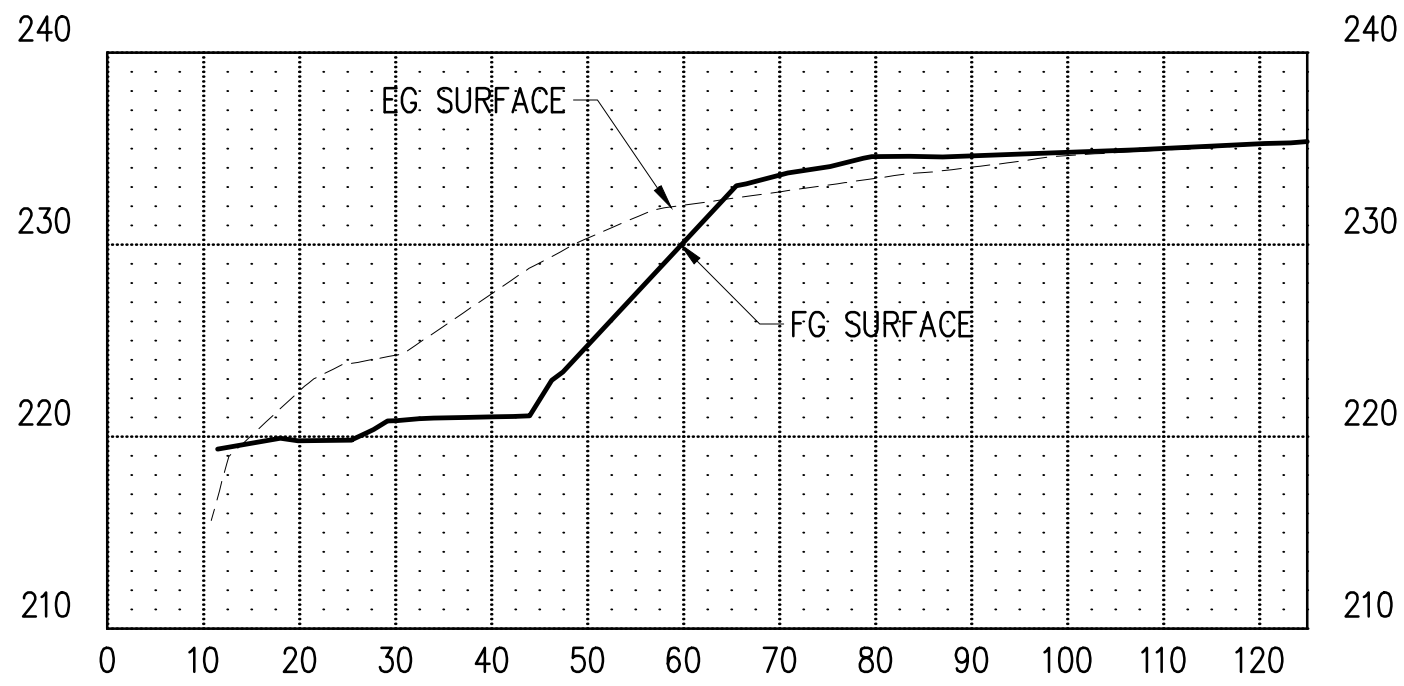
K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



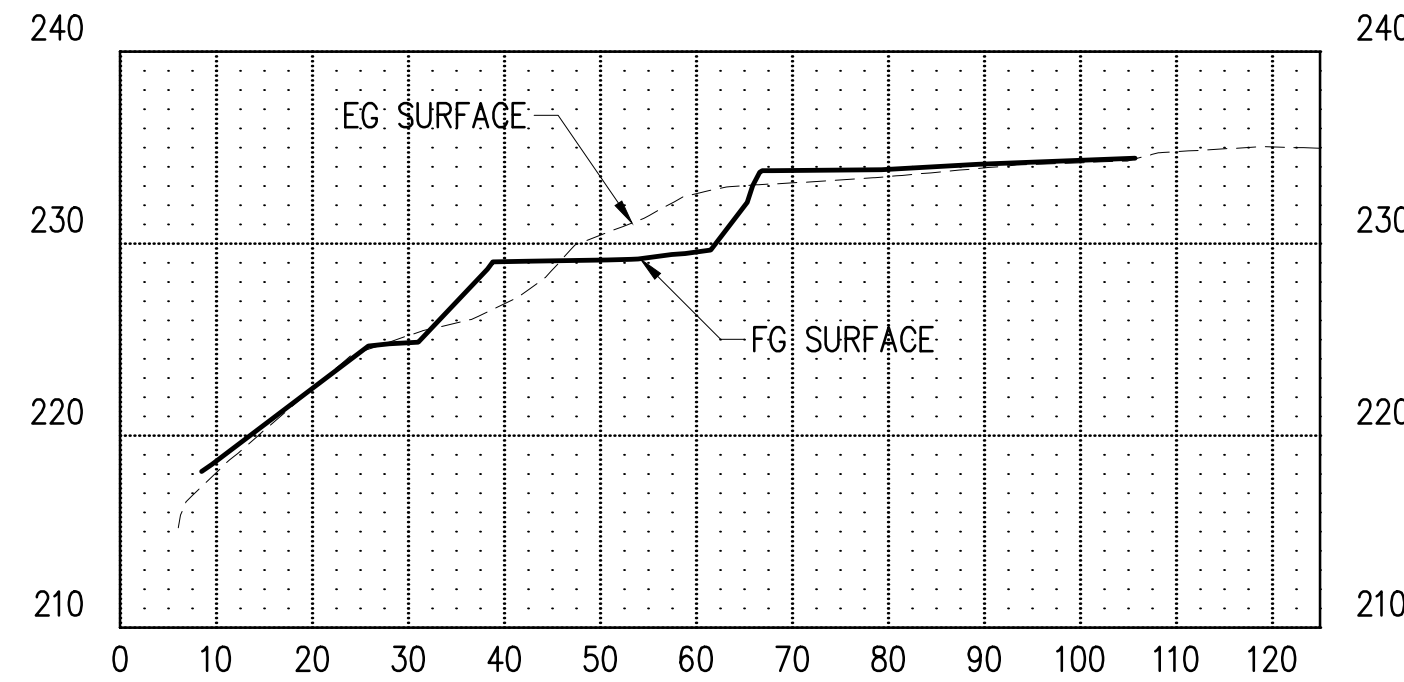
1+20



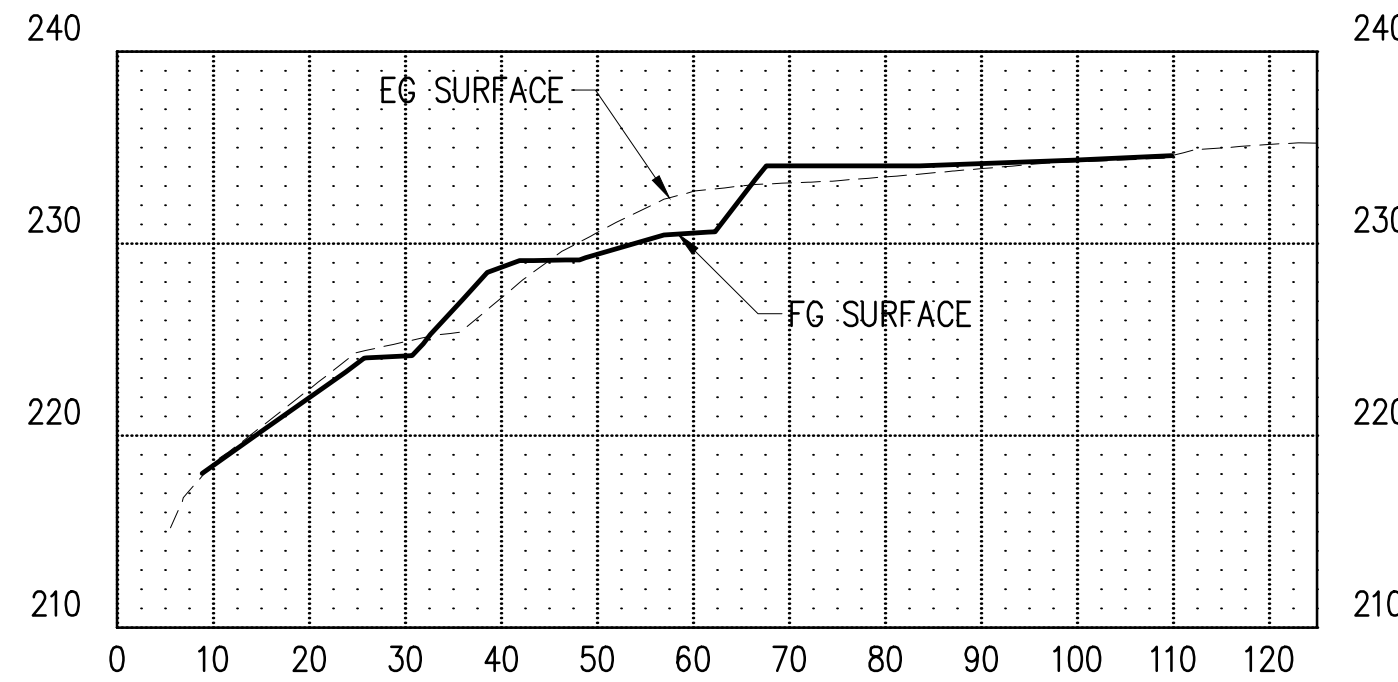
1+30



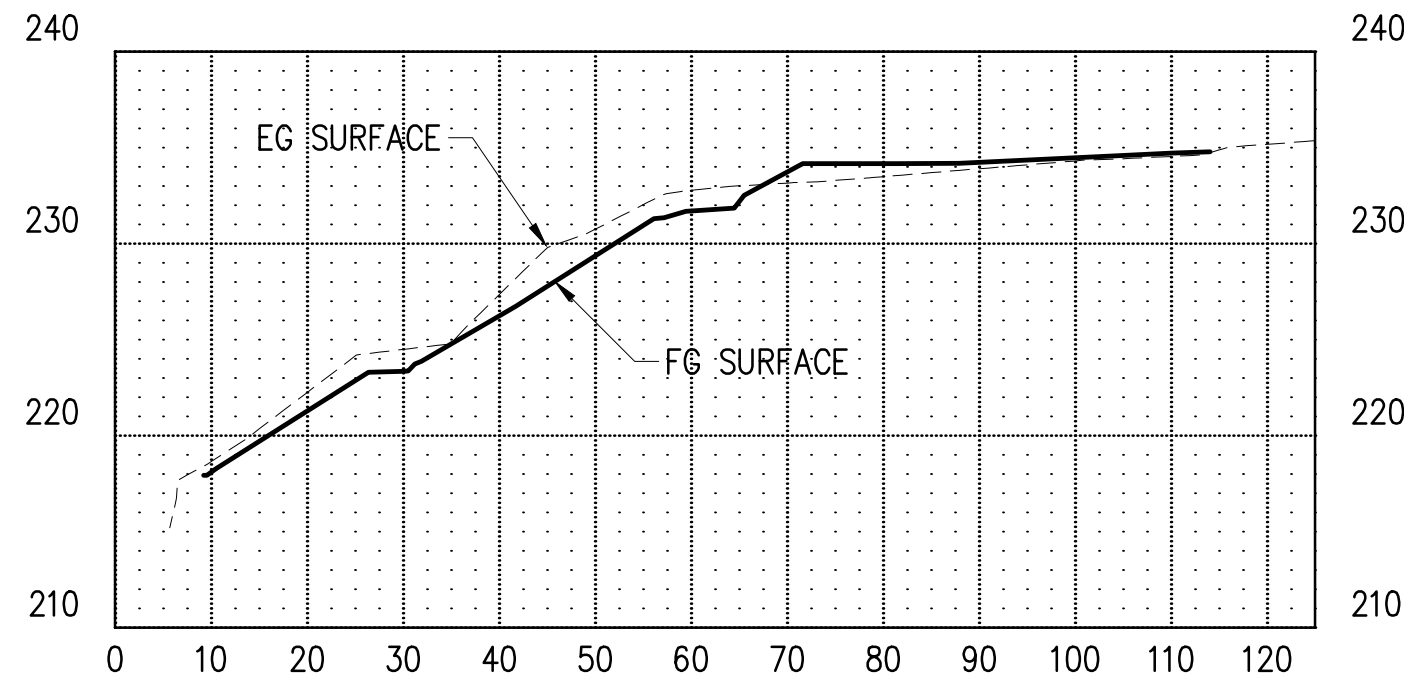
1+40



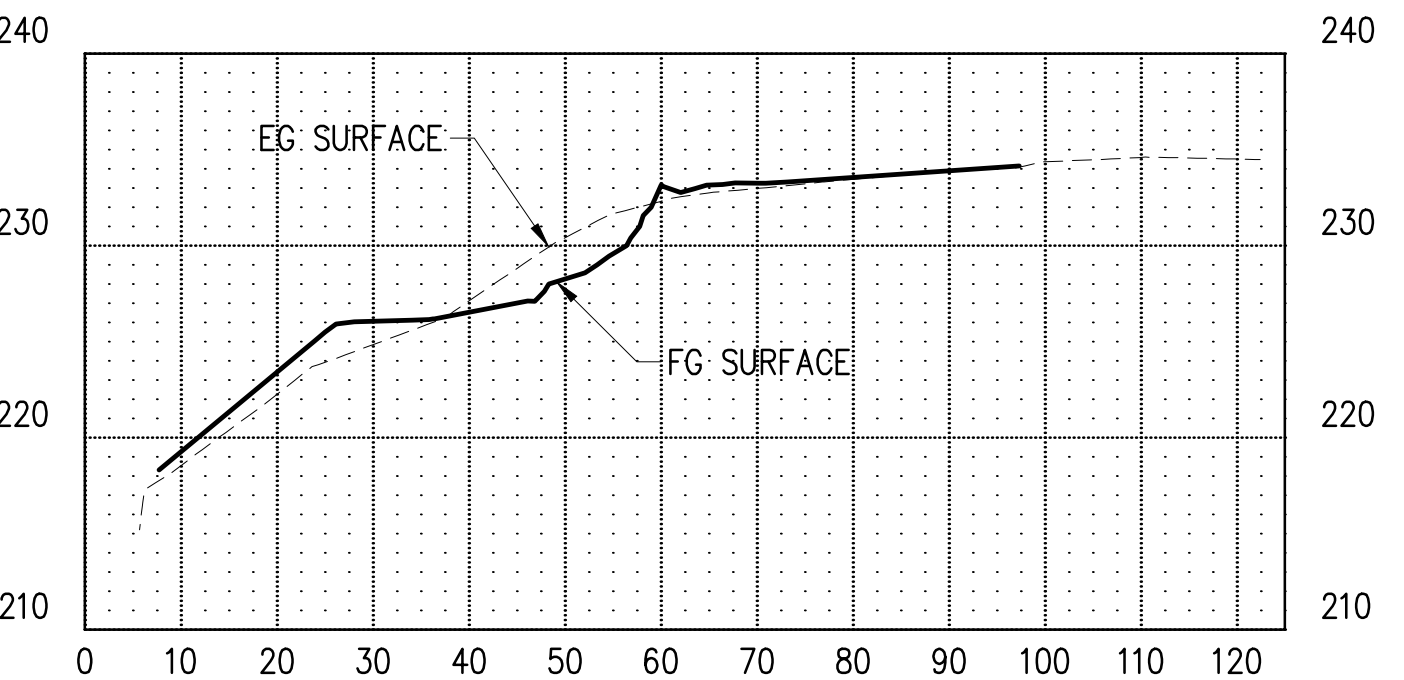
0+90



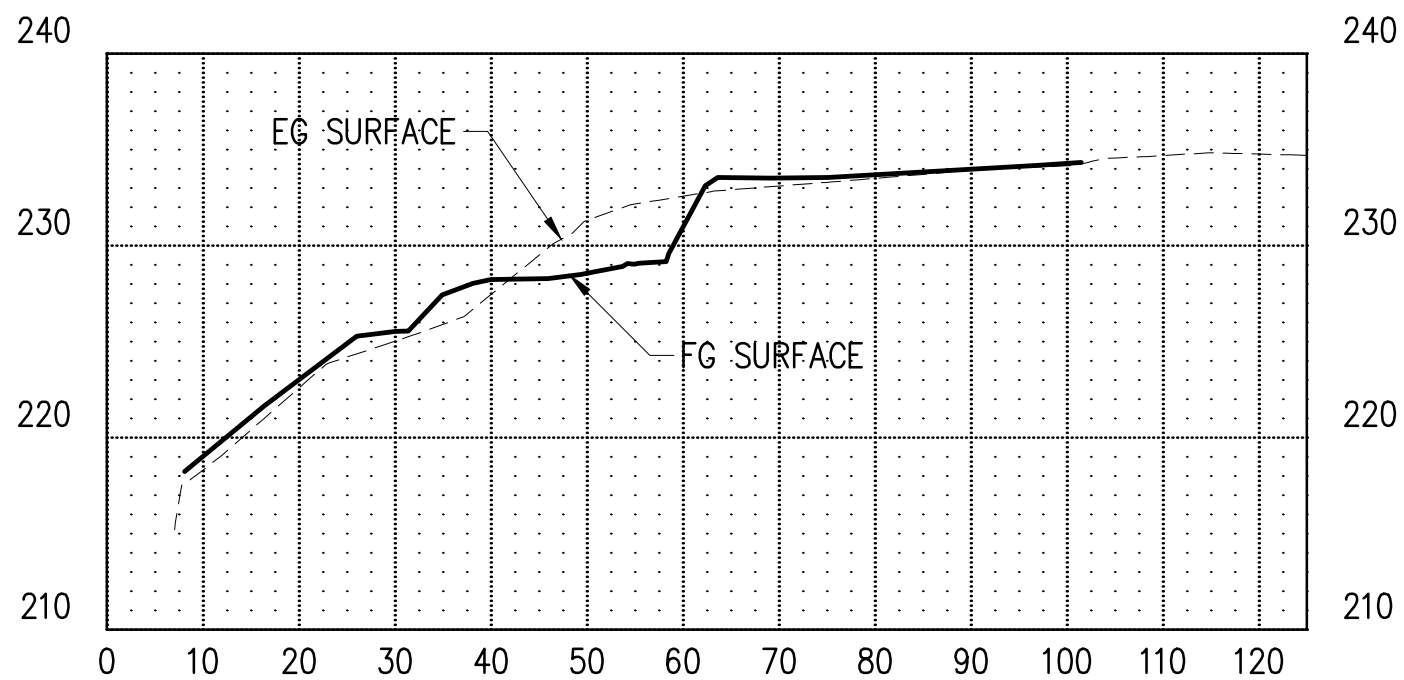
1+00



1+10



0+70

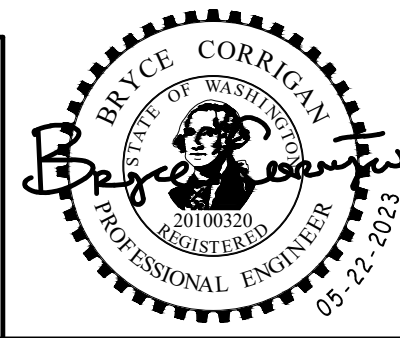


0+80

- CROSS SECTION NOTES:
- THE CROSS SECTION ON THIS PAGE ARE FOR REFERENCE ONLY AND ARE TO CONVEY SITE INTENT.
 - THE CONTRACTOR SHALL NOT USE THESE CROSS SECTIONS AS A BASIS OF ESTIMATING OR ELEVATION CONTROL.
 - FIELD DIRECTION MAY BE GIVEN BY THE OWNER TO ADJUST GRADES TO FIT THE SITE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030GRAD.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	BC 05/2023
PROJECT ENGINEER	DATE	DESIGNED BY
		BC 05/2023
		DRAWN BY
		BC 05/2023
		CHECKED BY
		DATE



KPG
PSOMAS

Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640
Tacoma | Wenatchee | KPG.com

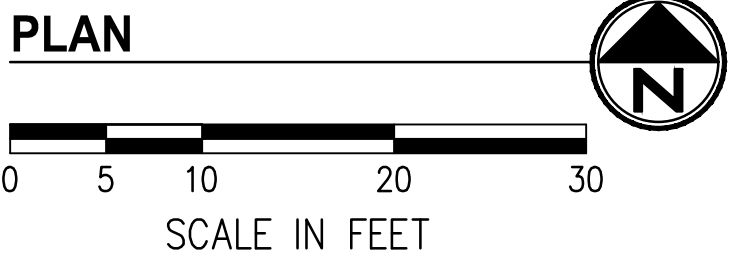
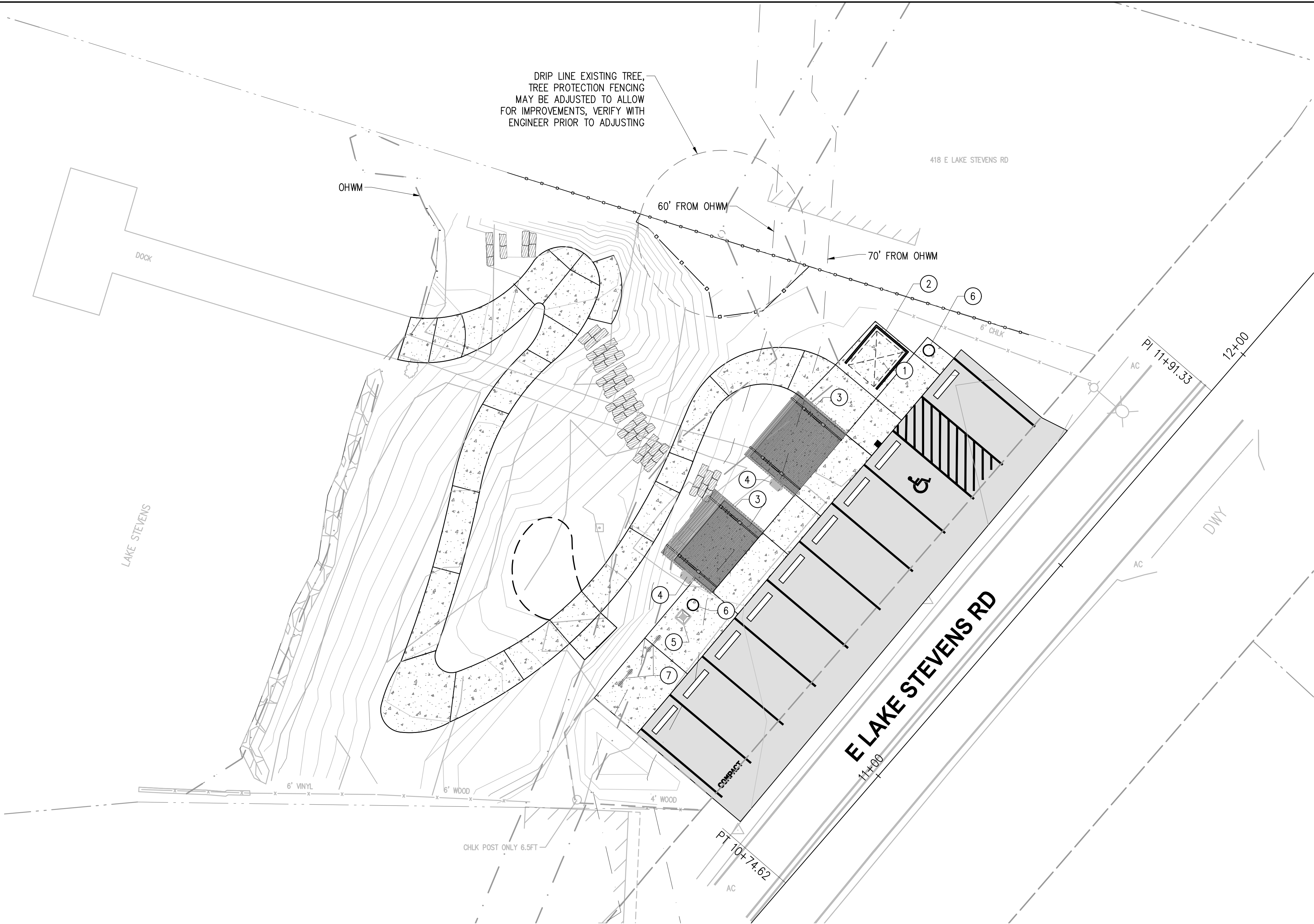
ISSUED
FOR BID



CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

SITE CROSS SECTION	
KPG PROJECT No. 22030	SHT <u>9</u> OF <u>17</u>

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



CONSTRUCTION NOTES

- 1 PARK SIGN (PROVIDED BY OTHERS); SEE DETAIL SHEET 13.
- 2 INSTALL PORTABLE RESTROOM ENCLOSURE; SEE DETAIL SHEET 13.
- 3 INSTALL SHADE STRUCTURE CEMENT CONC. PAD AND SHADE STRUCTURE; SEE DETAIL SHEET 12. SHADE STRUCTURE TO BE PROVIDED BY OTHERS.
- 4 INSTALL BARBECUE GRILL; SEE DETAIL SHEET 11.
- 5 INSTALL CHARCOAL DISPOSAL BIN; SEE DETAIL SHEET 11.
- 6 INSTALL TRASH RECEPTACLE; SEE DETAIL SHEET 11.
- 7 INSTALL BIKE RACK; SEE DETAIL SHEET 11.

SITE ELEMENTS MATERIALS SCHEDULE

DESCRIPTION	QTY	UNIT
TRASH RECEPTACLES	2	EA.
BARBECUE GRILLS	2	EA.
HOT COAL DISPOSAL	1	EA.
BIKE RACKS	2	EA.
SHADE STRUCTURE INSTALLATION	2	EA.
PORTABLE RESTROOM ENCLOSURE	1	EA.

LEGEND

- CONCRETE SIDEWALK
- CEMENT CONCRETE PAD
- ASPHALT
- OHWM LINE

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030SITE.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	DESIGNED BY
PROJECT ENGINEER	DATE	GP
		DRAWN BY
		PN
		CHECKED BY
		DATE



KPG
PSOMAS

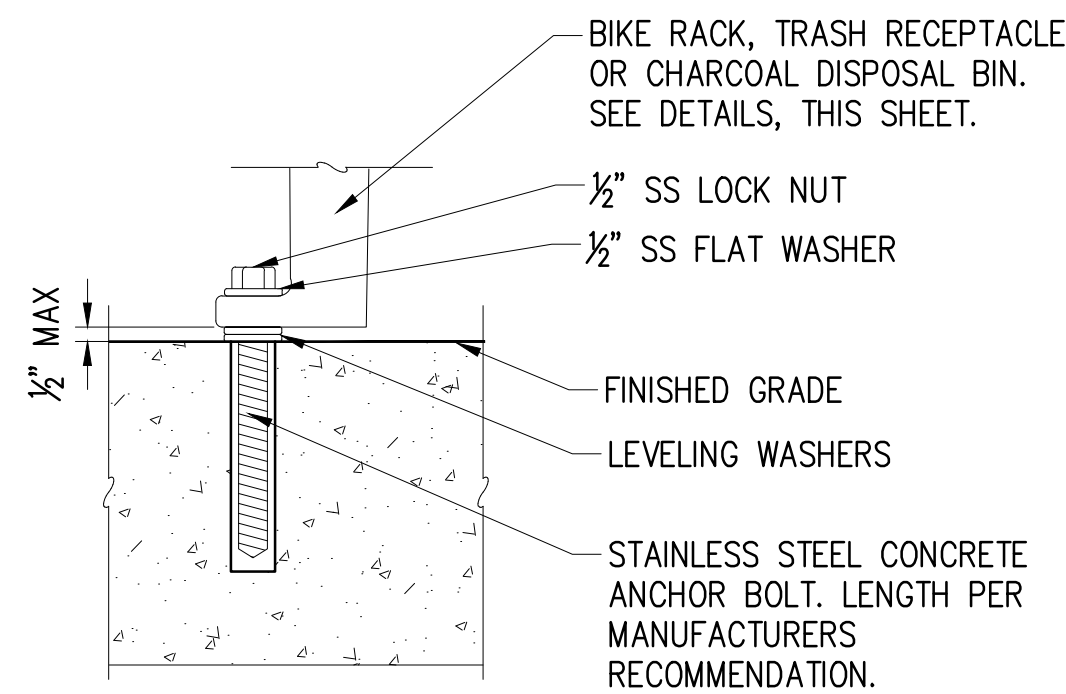
Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640
Tacoma | Wenatchee | KPG.com

ISSUED
FOR BID



CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

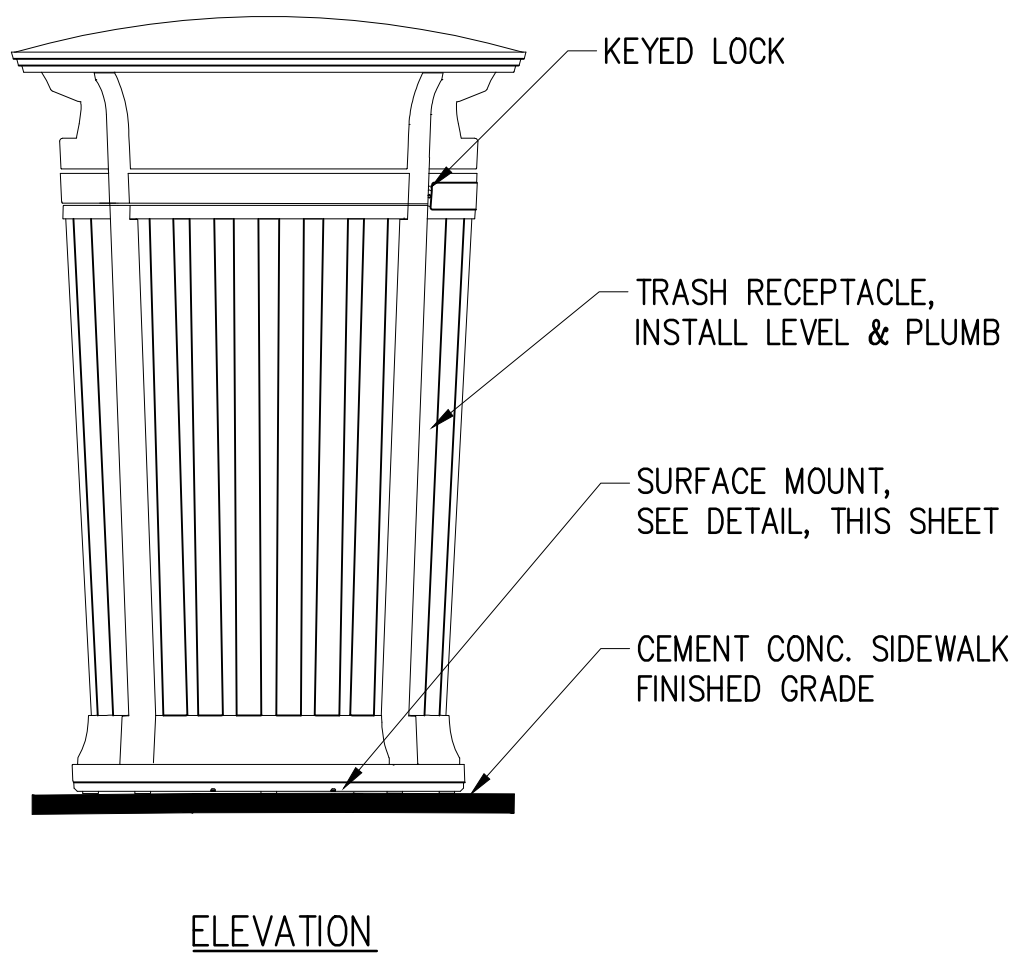
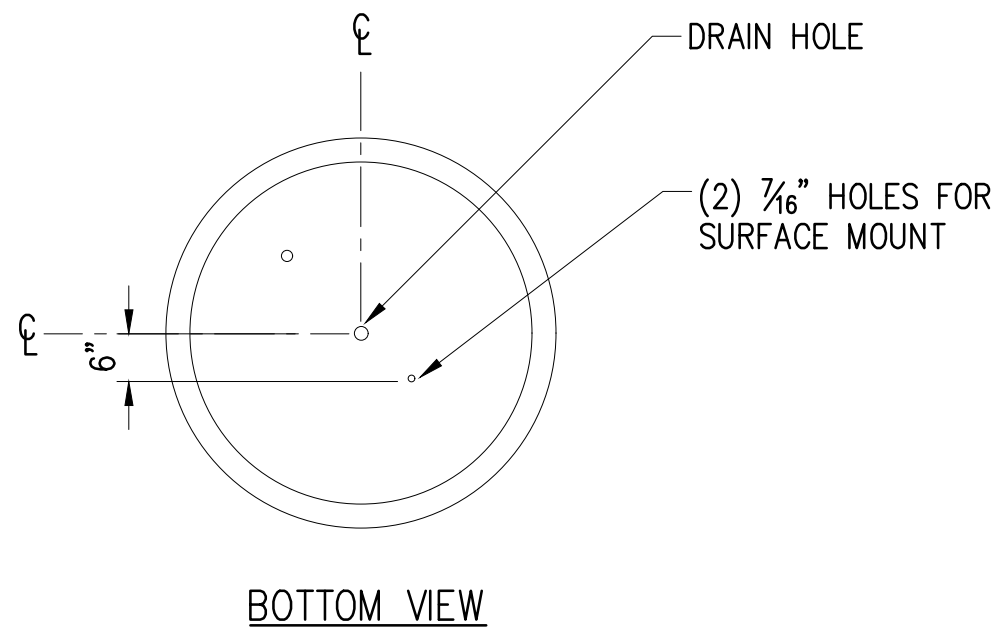
PARK SITE ELEMENTS PLAN	
KPG PROJECT No. 22030	SHT 10 OF 17



NOTES:

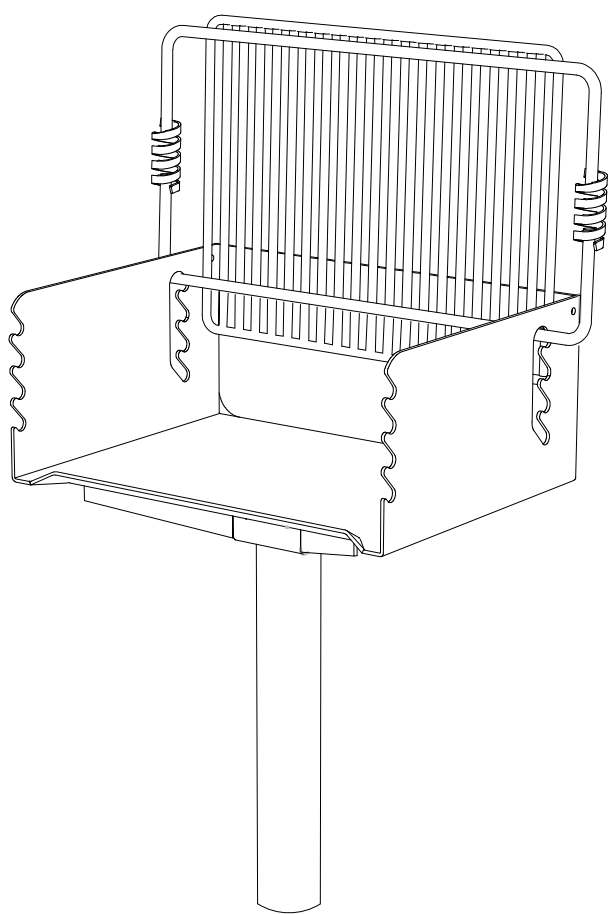
1. INSTALL BIKE RACK, TRASH RECEPTACLES, AND CHARCOAL DISPOSAL BIN LEVEL AND PLUMB.
2. ENGINEER TO FIELD VERIFY LOCATION AND ORIENTATION OF SITE FURNITURE PRIOR TO INSTALLATION.

SURFACE MOUNT DETAIL

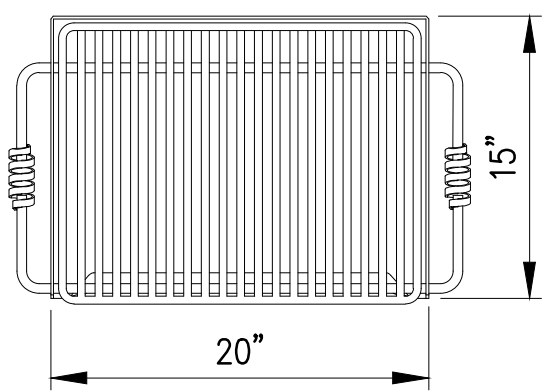


TRASH RECEPTACLE DETAIL

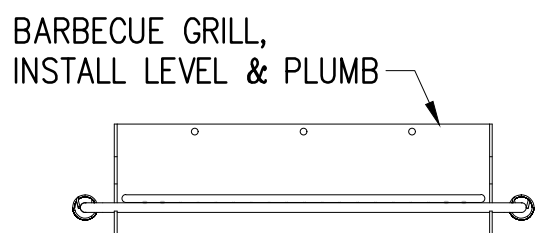
NTS



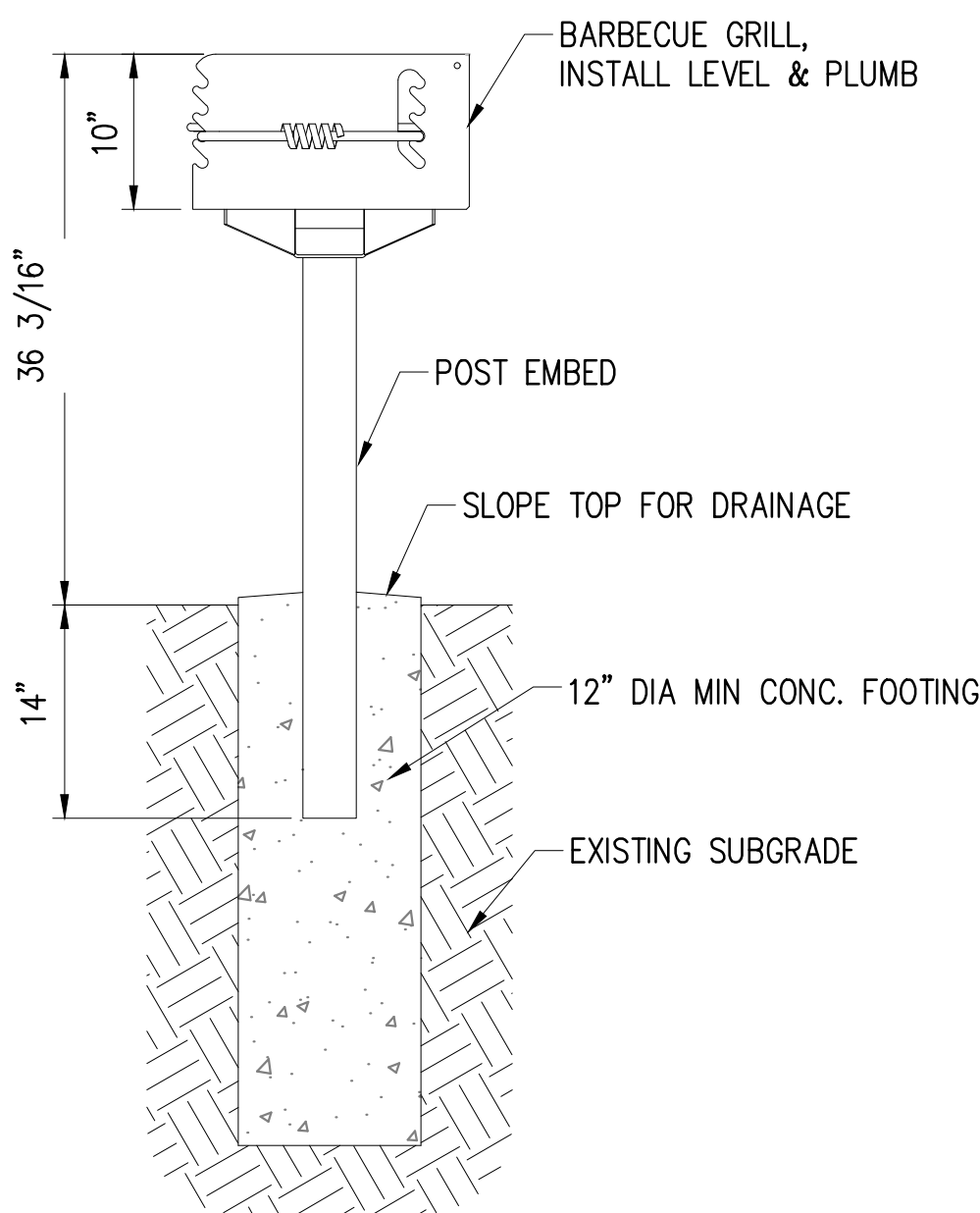
PERSPECTIVE
GRATE SHOWN IN TIPPED
BACK POSITION FOR CLEANING



PLAN VIEW



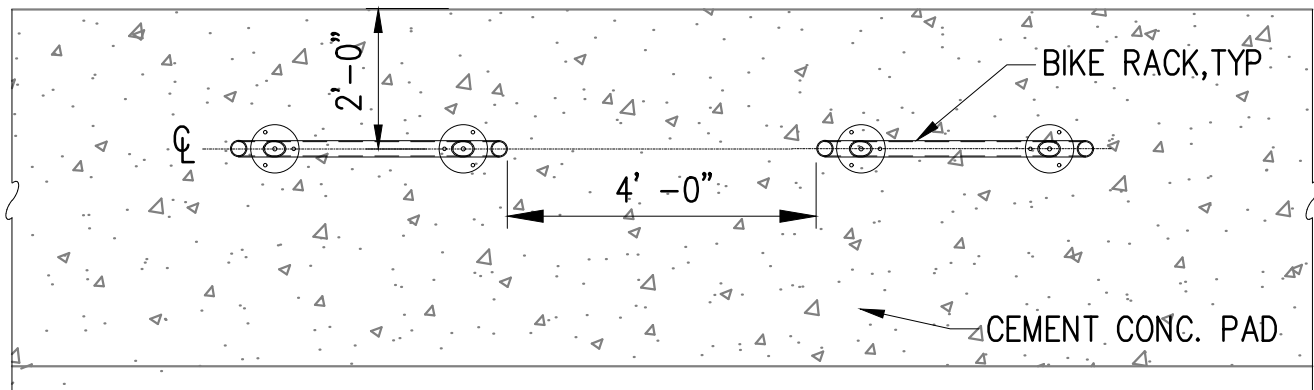
FRONT ELEVATION



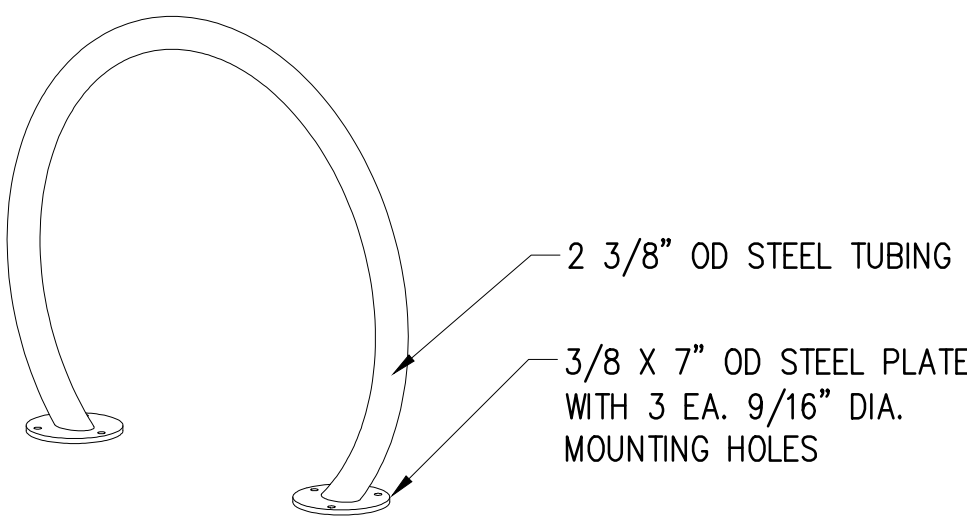
SIDE ELEVATION

BARBECUE GRILL DETAIL

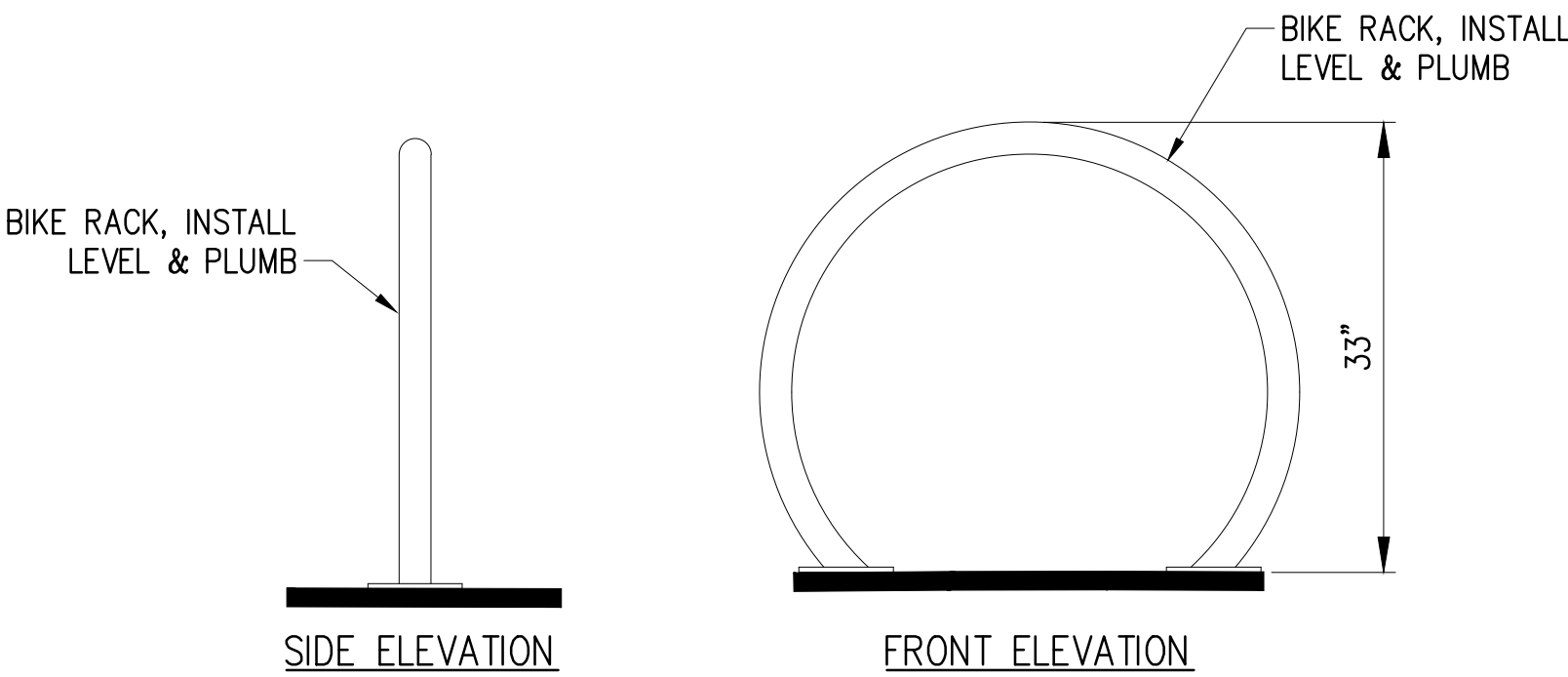
NTS



INSTALLATION LAYOUT



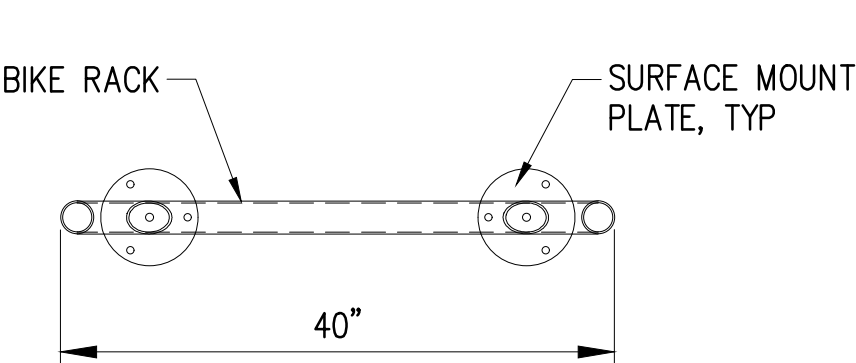
ISOMETRIC



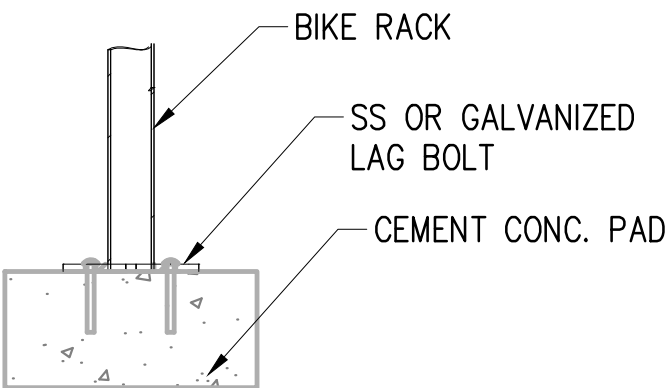
BIKE RACK, INSTALL
LEVEL & PLUMB

SIDE ELEVATION

FRONT ELEVATION



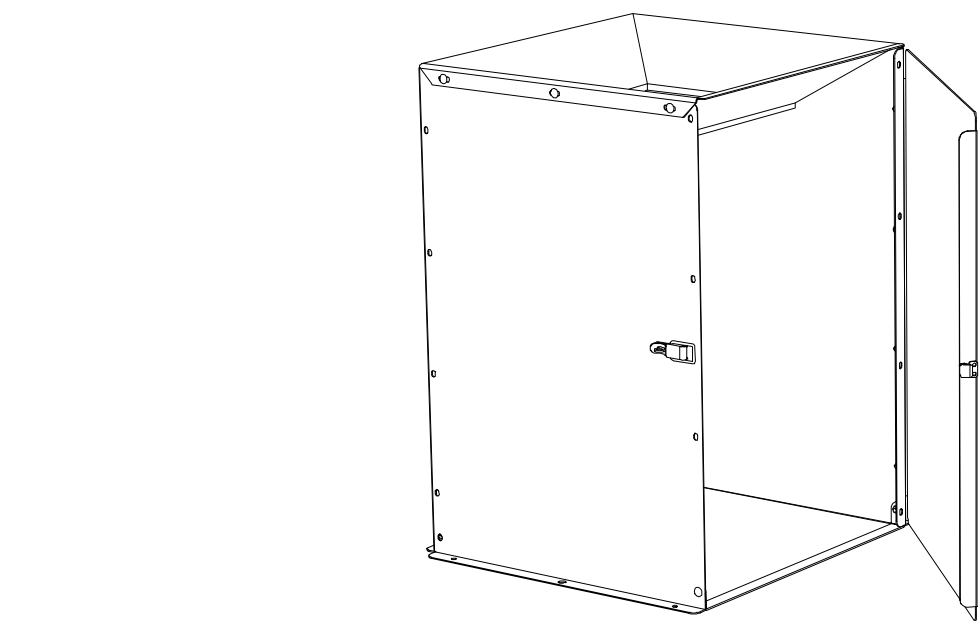
PLAN



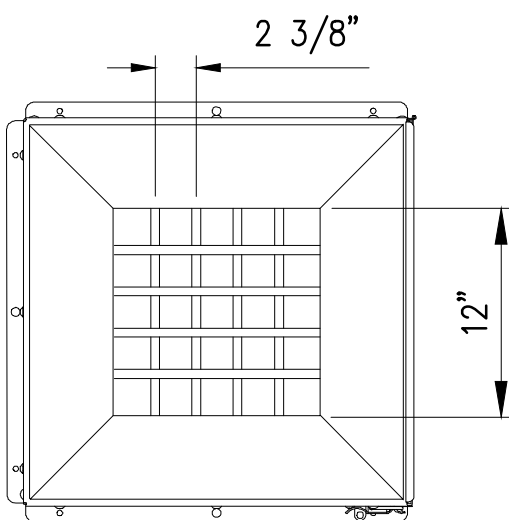
SURFACE FLANGE MOUNT (SF)

BIKE RACK DETAIL

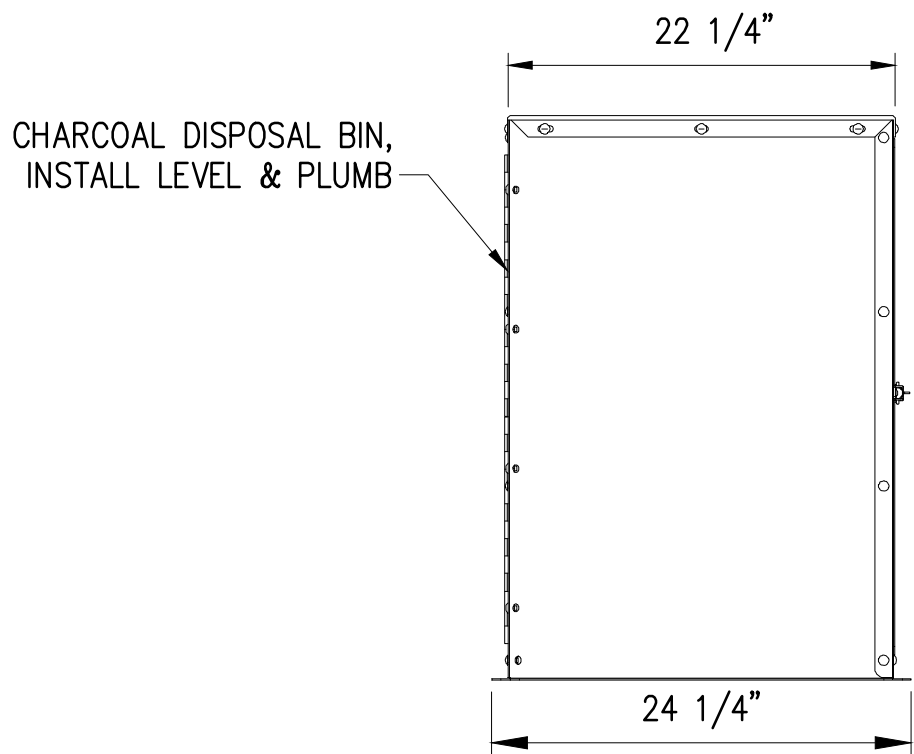
NTS



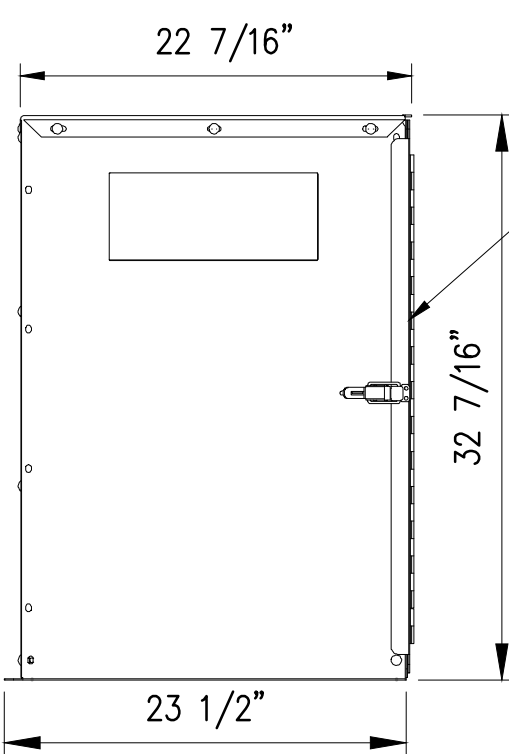
PERSPECTIVE



PLAN VIEW



SIDE ELEVATION



FRONT ELEVATION

CHARCOAL DISPOSAL BIN,
INSTALL LEVEL & PLUMB

CHARCOAL DISPOSAL BIN DETAIL

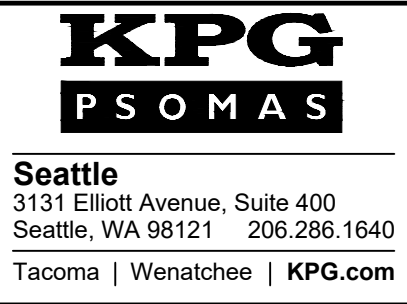
NTS

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM

NO.	DATE	BY	APPR.	REVISIONS

Approved By	
ENGINEERING MANAGER	DATE
PROJECT MANAGER	DATE
PROJECT ENGINEER	DATE

22030SITE.dwg	
PN	05/2023
DESIGNED BY	DATE
GP	05/2023
DRAWN BY	DATE
PN	05/2023
CHECKED BY	DATE



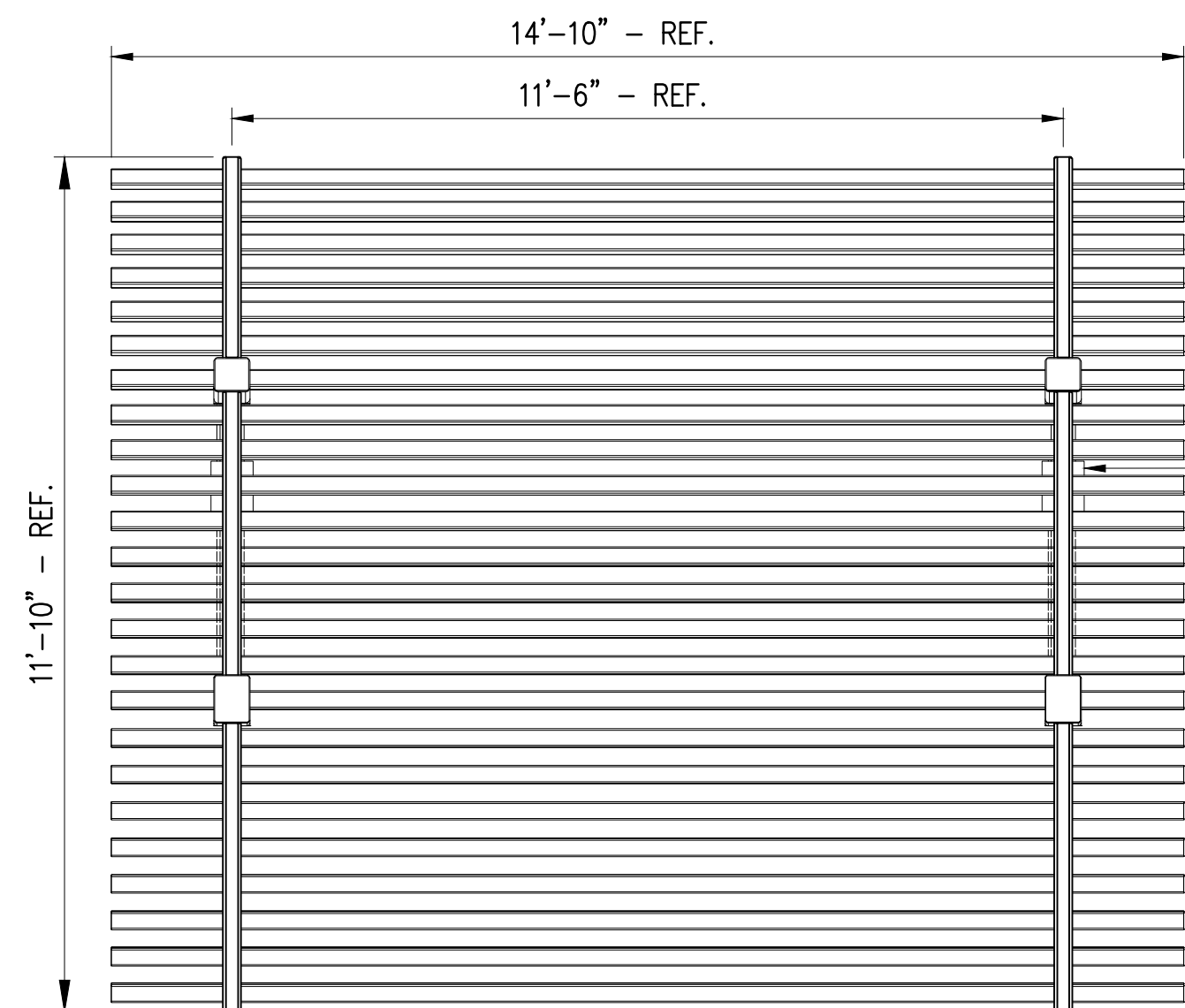
ISSUED
FOR BID



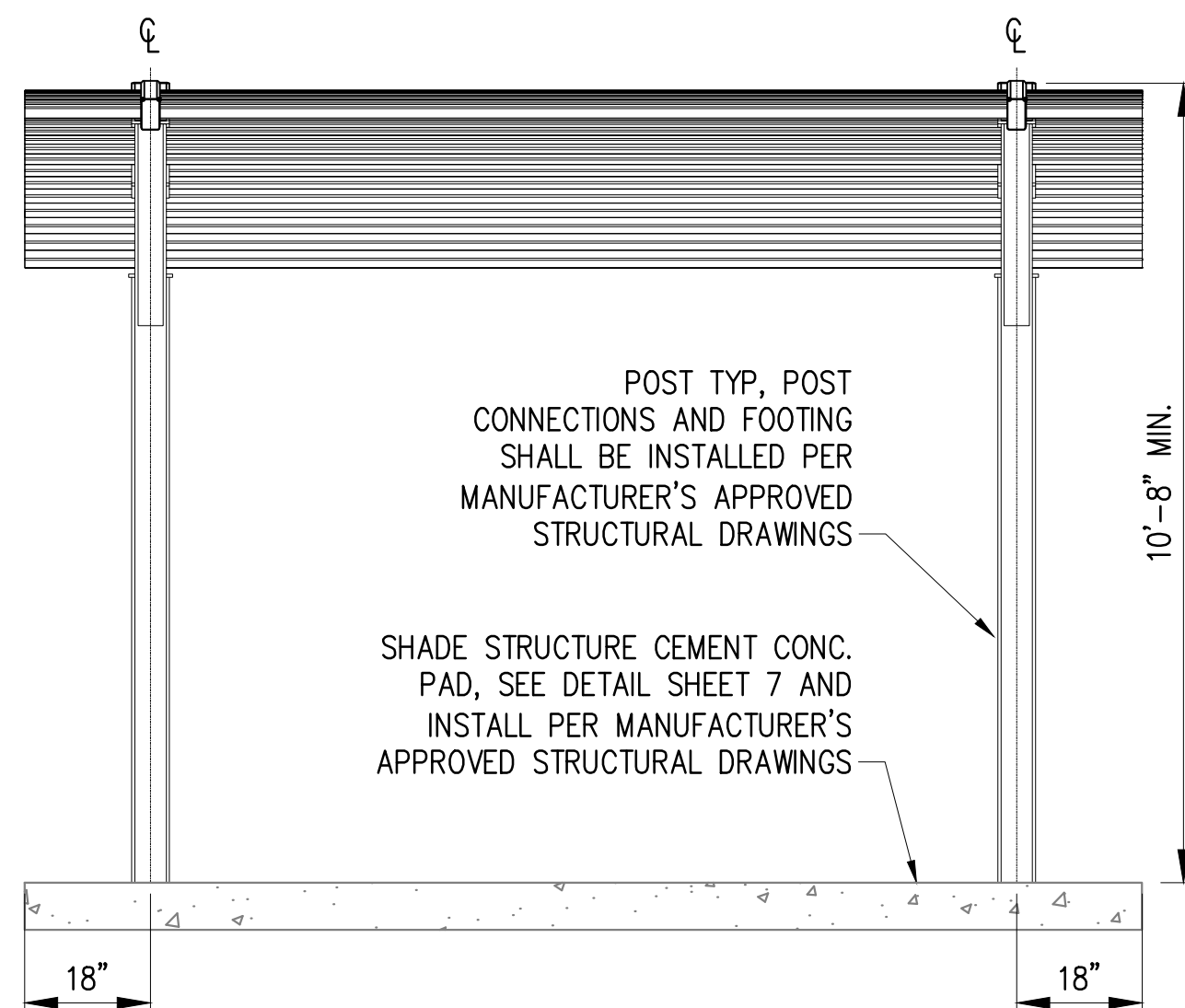
CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

PARK SITE ELEMENTS DETAILS 1	
KPG PROJECT No. 22030	SHT 11 OF 17

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM



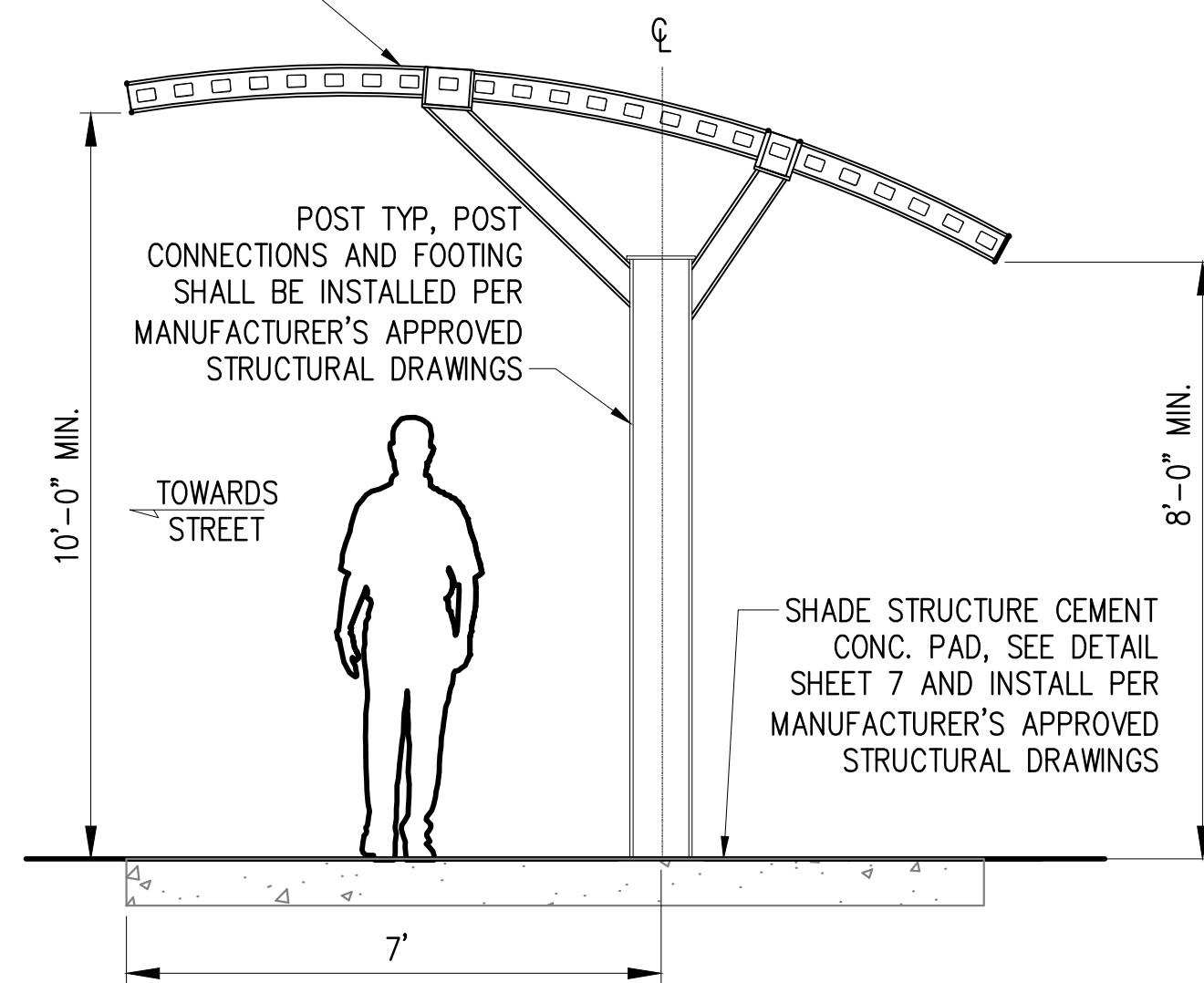
TOP VIEW



FRONT VIEW

NOTE: SEE SPECIFICATIONS APPENDIX B FOR STAMPED STRUCTURAL DRAWINGS AND CALCULATION OF SHADE STRUCTURE AND FOOTING DETAILS

INSTALL PROVIDED SHADE STRUCTURE, LEVEL & PLUMB



SIDE VIEW

SHADE STRUCTURE DETAIL
NTS

NO.	DATE	BY	APPR.	REVISIONS

Approved By	
ENGINEERING MANAGER	DATE
PROJECT MANAGER	DATE
PROJECT ENGINEER	DATE

22030SITE.dwg	
FILENAME	
PN	05/2023
DESIGNED BY	DATE
GP	05/2023
DRAWN BY	DATE
PN	05/2023
CHECKED BY	DATE



KPG PSOMAS

Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640
Tacoma | Wenatchee | KPG.com

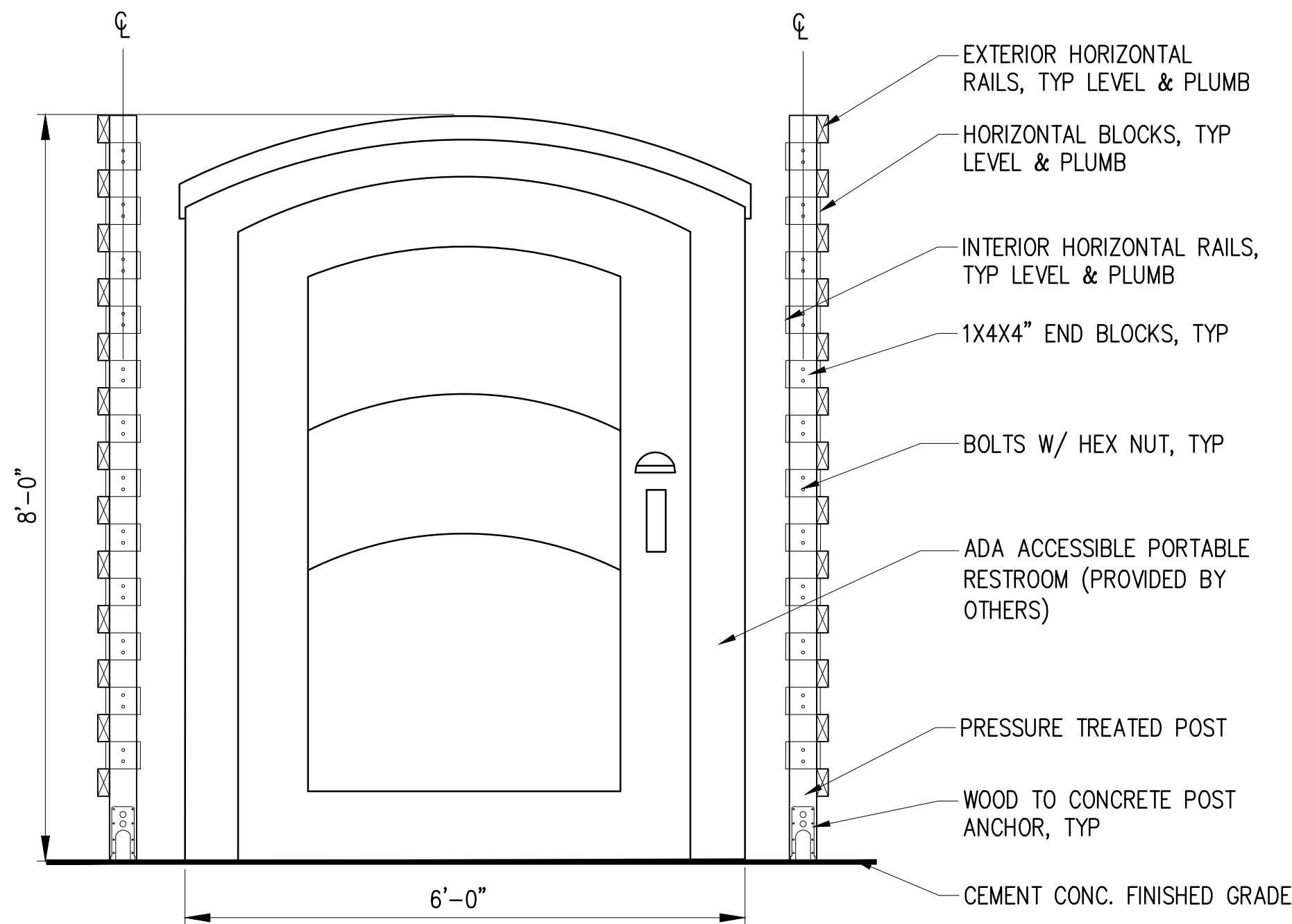
ISSUED FOR BID



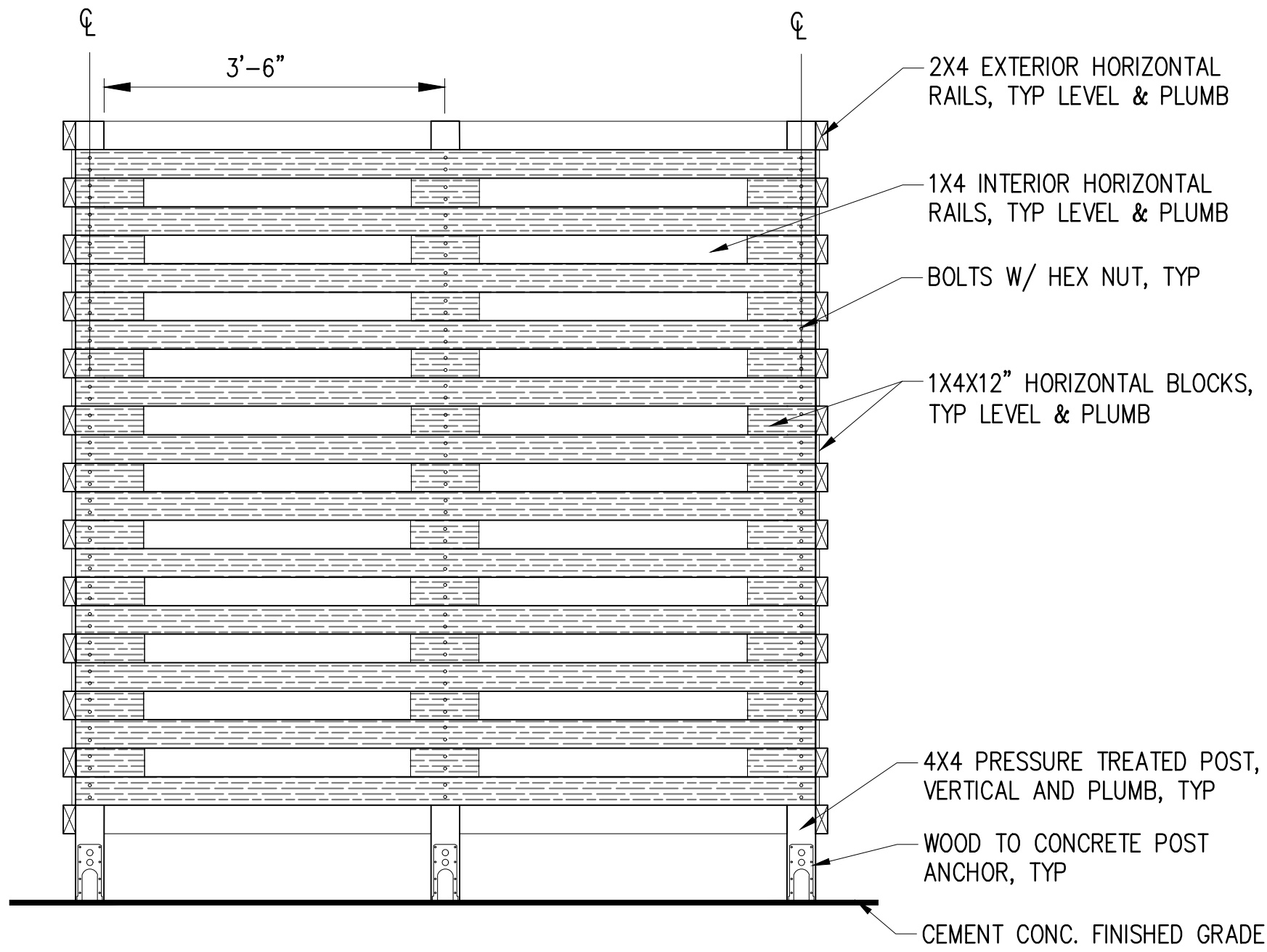
**CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS**

PARK SITE ELEMENTS DETAILS 2	
KPG PROJECT No. 22030	SHT <u>12</u> OF <u>17</u>

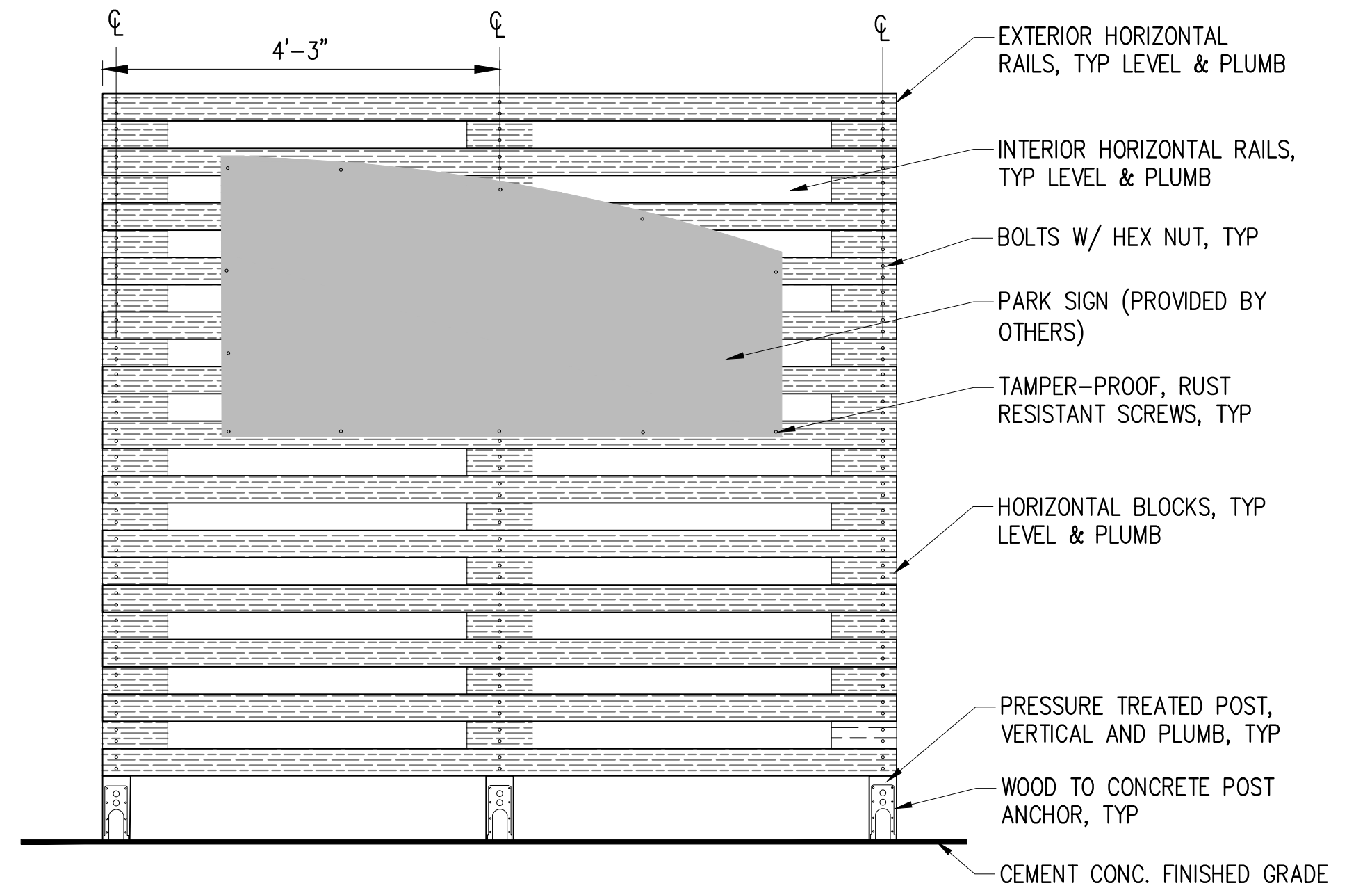
K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



FRONT ELEVATION



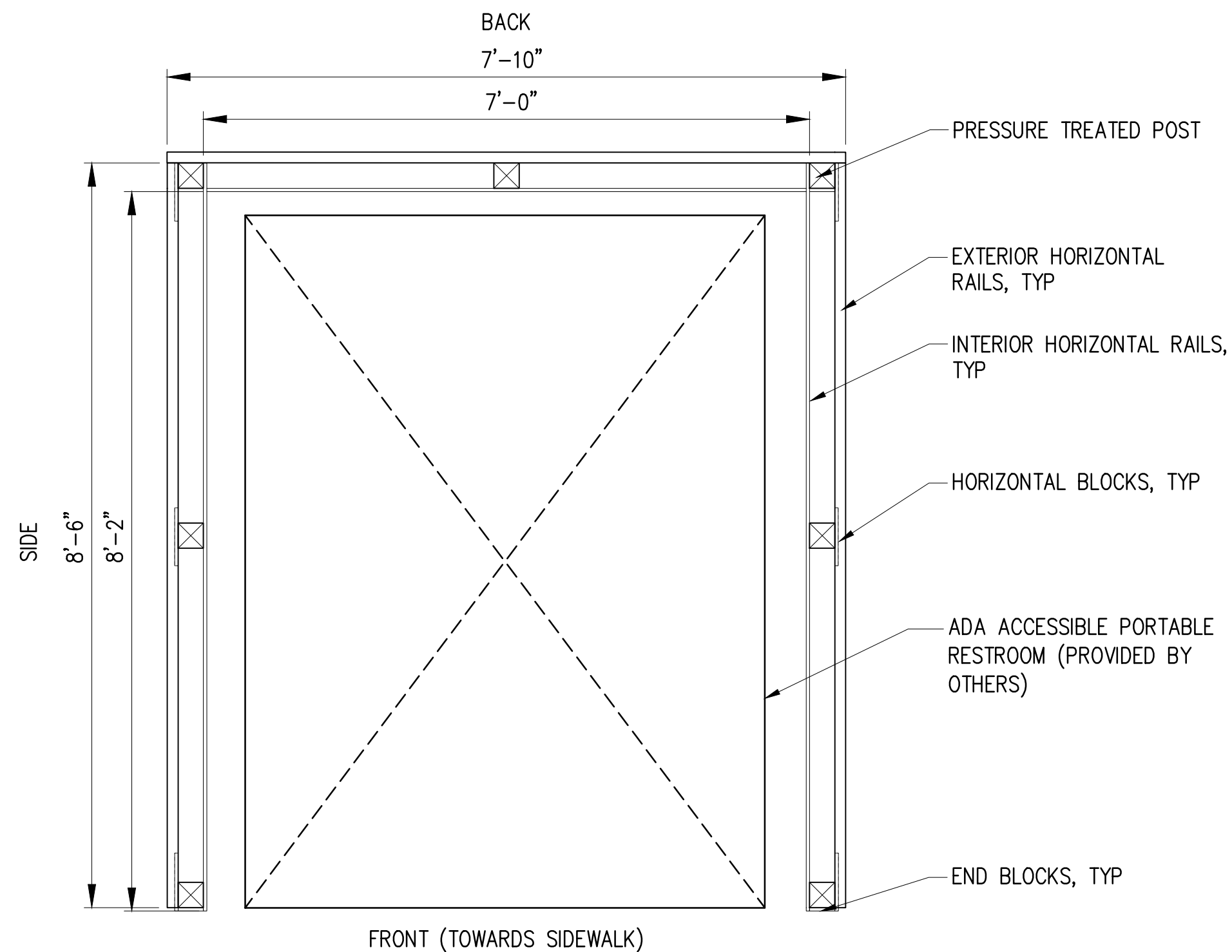
BACK ELEVATION



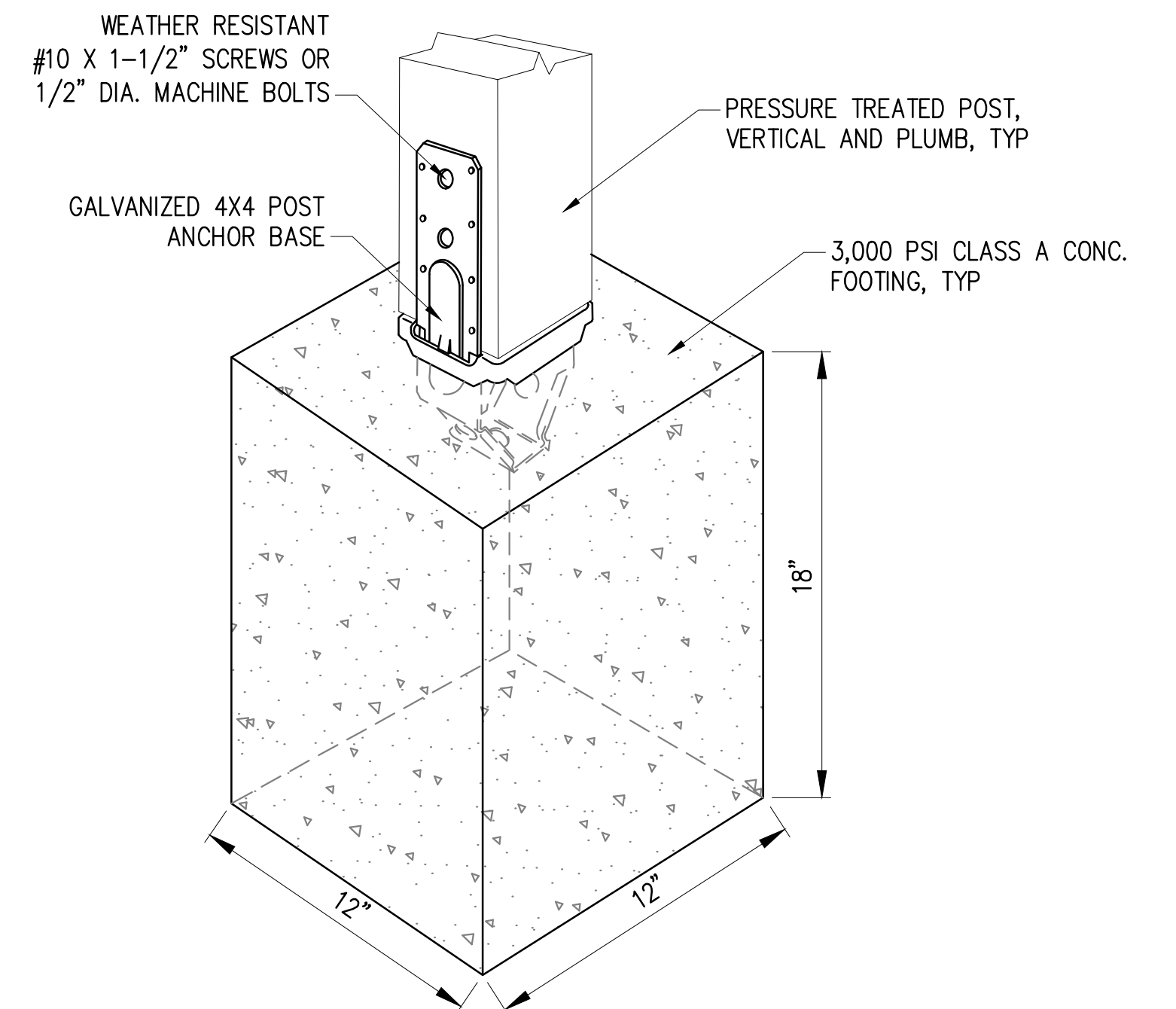
SIDE ELEVATION



EXAMPLE



PLAN VIEW



AXONOMETRIC VIEW – POST AND CONC. FOOTING CONNECTION

PORTABLE RESTROOM ENCLOSURE DETAIL

NTS

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030SITE.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	DESIGNED BY
PROJECT ENGINEER	DATE	GP
		DRAWN BY
		PN
		CHECKED BY
		DATE



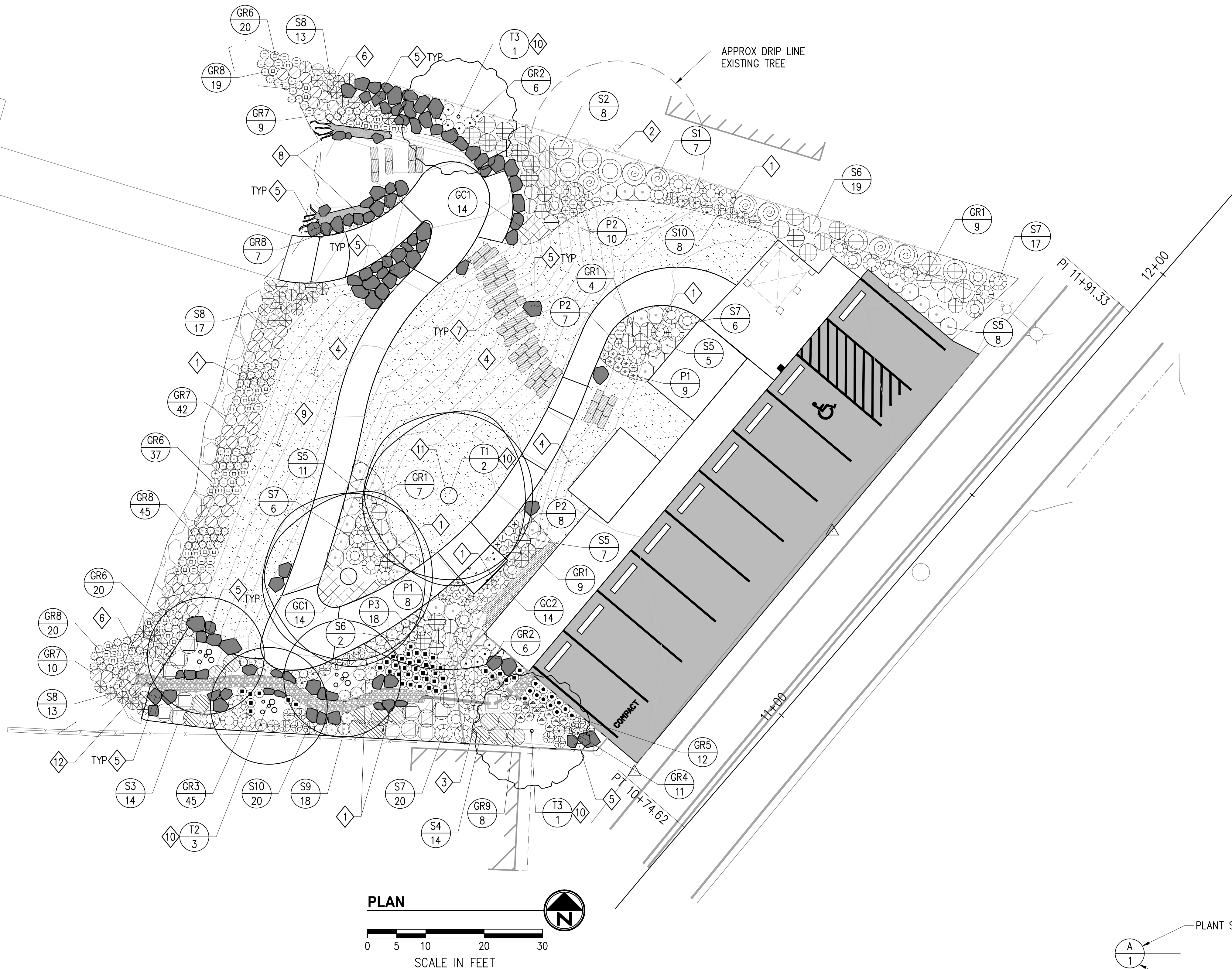
ISSUED
FOR BID



CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

PARK SITE ELEMENTS DETAILS 3	
KPG PROJECT No. 22030	SHT 13 OF 17

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM



- ### CONSTRUCTION NOTES
- 1 PLANTER AREA; AMEND NATIVE SOIL WITH 6" FINE COMPOST AND TOP DRESS WITH 2" BARK OR WOOD CHIP MULCH, TYP. INSTALL BIODEGRADABLE EROSION CONTROL BLANKET ON ALL SLOPES 3:1 OR STEEPER; SEE GRADING PLANS.
 - 2 EXISTING TREE TO REMAIN, SAVE AND PROTECT PER DETAIL, SHEET 4. NEW PLANT MATERIAL SHALL BE ADJUSTED IN THE FIELD TO AVOID TREE ROOT DISTURBANCE.
 - 3 BIORETENTION CELL; INSTALL 18" BIORETENTION MEDIA AND 3" COARSE COMPOST, TYP. SEE DETAIL SHEET 8.
 - 4 LAWN AREA; AMEND NATIVE SOIL WITH 3" FINE COMPOST AND HYDROSEED WITH LOW MAINTENANCE MEADOW SEED MIX AND MODERATE-TERM MULCH.
 - 5 INSTALL STREAMBED BOULDER PER DETAIL, SHEET 17.
 - 6 SHORELINE PLANTING AREA; NO MULCH OR SOIL AMENDMENT REQUIRED.
 - 7 INSTALL STONE STEPS PER DETAIL, SHEET 17.
 - 8 INSTALL WOOD LOGS WITH ROOT WAD PER DETAIL, SHEET 17.
 - 9 INSTALL COMPOST SOCK PER WSDOT STANDARD PLAN I-30.40-02.
 - 10 INSTALL TREE WATERING BAG, ONE EACH PER TREE, PER MANUFACTURER'S RECOMMENDATIONS.
 - 11 INSTALL MULCH RING PER DETAIL, SHEET 16.
 - 12 ROCK CHANNEL WITH WEIR, SEE DETAIL SHEET 8.

LANDSCAPE MATERIALS SCHEDULE

DESCRIPTION	QTY	UNIT
FINE COMPOST	75	CY
BARK OR WOOD CHIP MULCH	15	CY
COARSE COMPOST	3	CY
BIORETENTION MEDIA	17	CY
STREAMBED BOULDERS*	85	EA

*QUANTITY DOES NOT INCLUDE (16) BOULDERS TO BE SALVAGED AND REUSED ON SITE.

LEGEND

	ASPHALT
	ROCK FOR EROSION AND SCOUR PROTECTION PAD
	STREAMBED BOULDERS
	OHWM LINE
	STONE STEPS

SEE SHEETS 15-17 FOR
LANDSCAPE SCHEDULE,
DETAILS, AND GENERAL NOTES.

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030LS.dwg
ENGINEERING MANAGER	DATE	FILENAME
PROJECT MANAGER	DATE	DESIGNED BY
PROJECT ENGINEER	DATE	DRAWN BY
		CHECKED BY



KPG
PSOMAS
Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640
Tacoma | Wenatchee | KPG.com

ISSUED
FOR BID

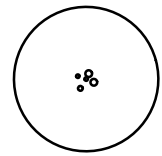
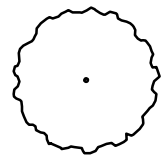





















CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

LANDSCAPE RESTORATION PLAN	
KPG PROJECT No. 22030	SHT 14 OF 17





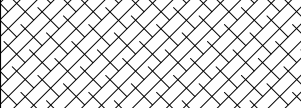

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM

PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	HEIGHT	QTY	REMARKS
	T1	ULMUS DAVIDIANA JAPONICA 'JFS-BIEBERICH' / EMERALD SUNSHINE ELM	2.5" CAL.	B&B	12'-14' HT.	2	WELL-BRANCHED
	T2	ACER CIRCINATUM / VINE MAPLE	2.5" CAL.	B&B	12'-14' HT.	3	WELL BRANCHED
	T3	CORNUS X ELWINORTONII 'KN4-43' / STARLIGHT DOGWOOD	2" CAL.	B&B	10'-12' HT	2	WELL BRANCHED
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		QTY	
	S1	RIBES SANGUINEUM 'KING EDWARD VII' / RED FLOWERING CURRANT	5 GAL.	POT		7	48" O.C. TRI. SP. TYP.
	S10	POLYSTICHUM MUNITUM / WESTERN SWORD FERN	1 GAL.	POT		28	24" O.C. TRI. SP. TYP.
	S2	MYRICA CALIFORNICA / PACIFIC WAX MYRTLE	5 GAL.	POT		8	48" O.C. TRI. SP. TYP.
	S3	CORNUS SANGUINEA 'ARCTIC SUN' / ARCTIC SUN BLOODTWIG DOGWOOD	2 GAL.	POT		14	36" O.C. TRI. SP. TYP.
	S4	CORNUS STOLONIFERA 'ARCTIC FIRE' / ARCTIC FIRE RED TWIG DOGWOOD	2 GAL.	POT		14	36" O.C. TRI. SP. TYP.
	S5	POTENTILLA FRUTICOSA 'MANGO TANGO' / BUSH CINQUEFOIL	2 GAL.	POT		31	36" O.C. TRI. SP. TYP.
	S6	ROSA NUTKANA / NOOTKA ROSE	2 GAL.	POT		21	36" O.C. TRI. SP. TYP.
	S7	SPIRAEA BETULIFOLIA LUCIDA / SHINYLEAF SPIREA	2 GAL.	POT		49	36" O.C. TRI. SP. TYP.
	S8	CORNUS SERICEA / RED TWIG DOGWOOD	1 GAL.	POT		43	24" O.C. TRI. SP. TYP.
	S9	MAHONIA REPENS / CREEPING MAHONIA	1 GAL.	POT		18	24" O.C. TRI. SP. TYP.
GRASSES	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		QTY	
	GR1	MUHLENBERGIA LINDHEIMERI / LINDHEIMER'S MUHLY	1 GAL.	POT		29	30" O.C. TRI. SP. TYP.
	GR2	SESLERIA AUTUMNALIS / AUTUMN MOOR GRASS	1 GAL.	POT		12	24" O.C. TRI. SP. TYP.
	GR3	JUNCUS TENUIS 'BLUE DART' / BLUE DART COLORGRASS RUSH	1 GAL.	POT		45	18" O.C. TRI. SP. TYP.
	GR4	SISYRINCHIUM CALIFORNICUM / YELLOW-EYED GRASS	1 GAL.	POT		11	18" O.C. TRI. SP. TYP.
	GR5	CAREX GLAUCA / BLUE SEDGE	1 GAL.	POT		12	18" O.C. TRI. SP. TYP.
	GR6	CAREX LENTICULARIS / LAKESHORE SEDGE	1 GAL.	POT		77	18" O.C. TRI. SP. TYP.
	GR7	CAREX OBNUPTA / SLOUGH SEDGE	1 GAL.	POT		61	24" O.C. TRI. SP. TYP.
	GR8	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	1 GAL.	POT		91	18" O.C. TRI. SP. TYP.
	GR9	IRIS DOUGLASIANA / DOUGLAS IRIS	1 GAL.	POT		8	18" O.C. TRI. SP. TYP.

GENERAL NOTES

- ALL PLANT MATERIALS SHALL MEET THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 MOST CURRENT VERSION.
- PLAN, MAINTAIN AND WARRANTY PER SECTION 8-02 OF THE SPECIAL PROVISIONS.
- DO NOT SUBSTITUTE SPECIES WITHOUT THE APPROVAL OF ENGINEER.
- INSTALL 2" BARK OR WOOD CHIP MULCH OVER ALL DISTURBED AREAS NOT BEING PLANTED OR SEEDED, UNLESS OTHERWISE NOTED.
- PROPERTY RESTORATION TO BE DONE AS DIRECTED BY THE ENGINEER.
- PLANT LOCATIONS TO BE ADJUSTED IN THE FIELD AROUND BOULDERS AND WOOD LOGS; FINAL LAYOUT TO BE APPROVED BY THE ENGINEER.
- ALL AMENDED SOILS SHALL MEET OR EXCEED THE POST CONSTRUCTION SOIL QUALITY AND DEPTH REQUIREMENTS OF BMP T5.13.

PERENNIALS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		QTY	
	P1	ACHILLEA MILLEFOLIUM 'TERRA COTTA' / TERRA COTTA COMMON YARROW	1 GAL.	POT		17	18" O.C. TRI. SP. TYP.
	P2	ECHINACEA PURPUREA 'MAGNUS' / MAGNUS PURPLE CONEFLOWER	1 GAL.	POT		25	18" O.C. TRI. SP. TYP.
	P3	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' / GOLDSTURM CONEFLOWER	1 GAL.	POT		18	18" O.C. TRI. SP. TYP.
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		QTY	
		LOW MAINTENANCE MEADOW SEED MIX				350 SY	
		MULCHING WITH MODERATE-TERM MULCH				350 SY	
	GC1	ARCTOSTAPHYLOS X 'PACIFIC MIST' / PACIFIC MIST MANZANITA	1 GAL.	POT		29	18" O.C. TRI. SP. TYP.
	GC2	VERONICA LIWANENSIS / TURKISH VERONICA	1 GAL.	POT		19	18" O.C. TRI. SP. TYP.

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030L.S.dwg
ENGINEERING MANAGER		DATE 05/2023
PROJECT MANAGER		DATE 05/2023
PROJECT ENGINEER		DATE 05/2023



KPG
PSOMAS

Seattle
3131 Elliott Avenue, Suite 400
Seattle, WA 98121 206.286.1640
Tacoma | Wenatchee | KPG.com

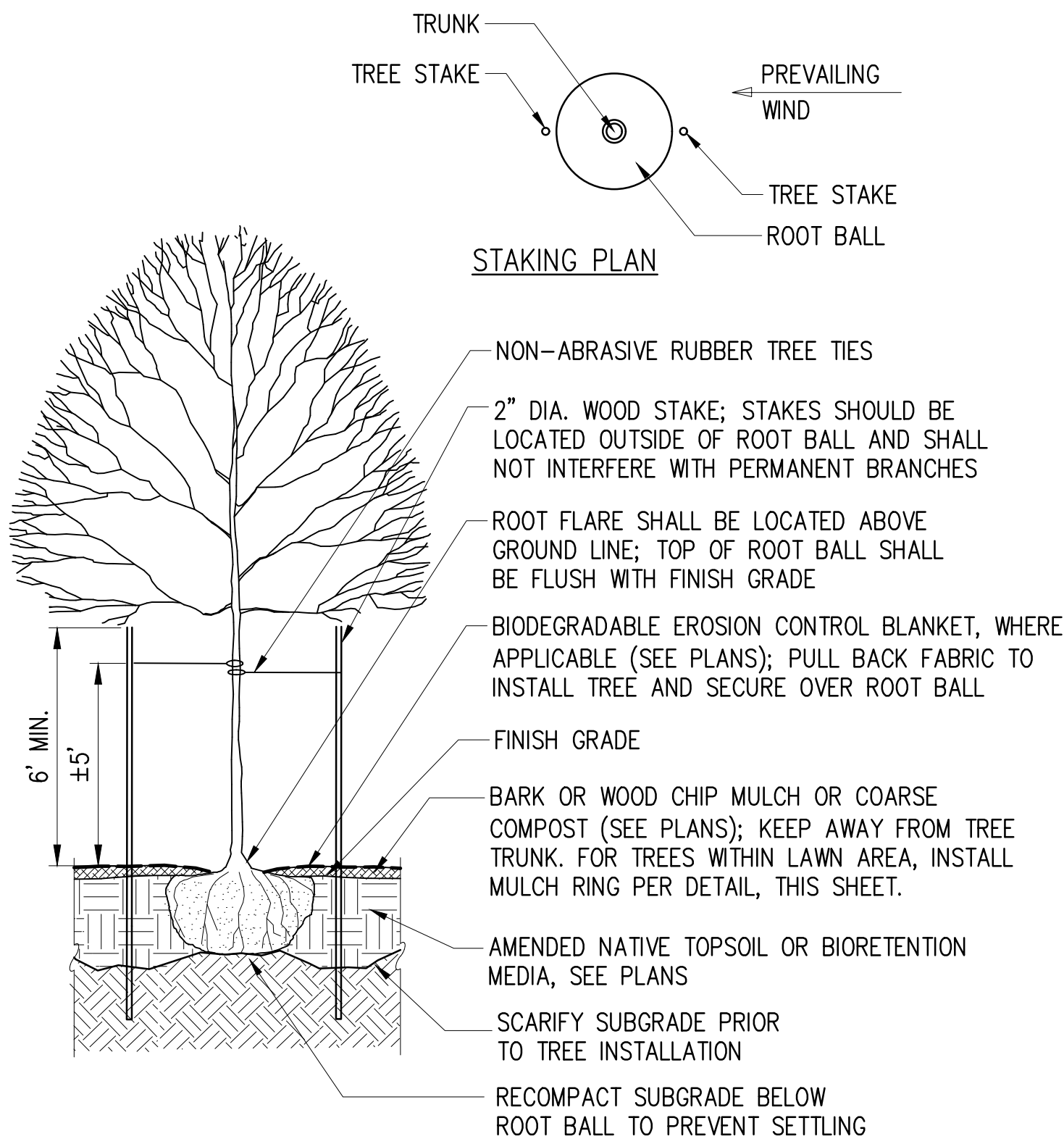
ISSUED
FOR BID



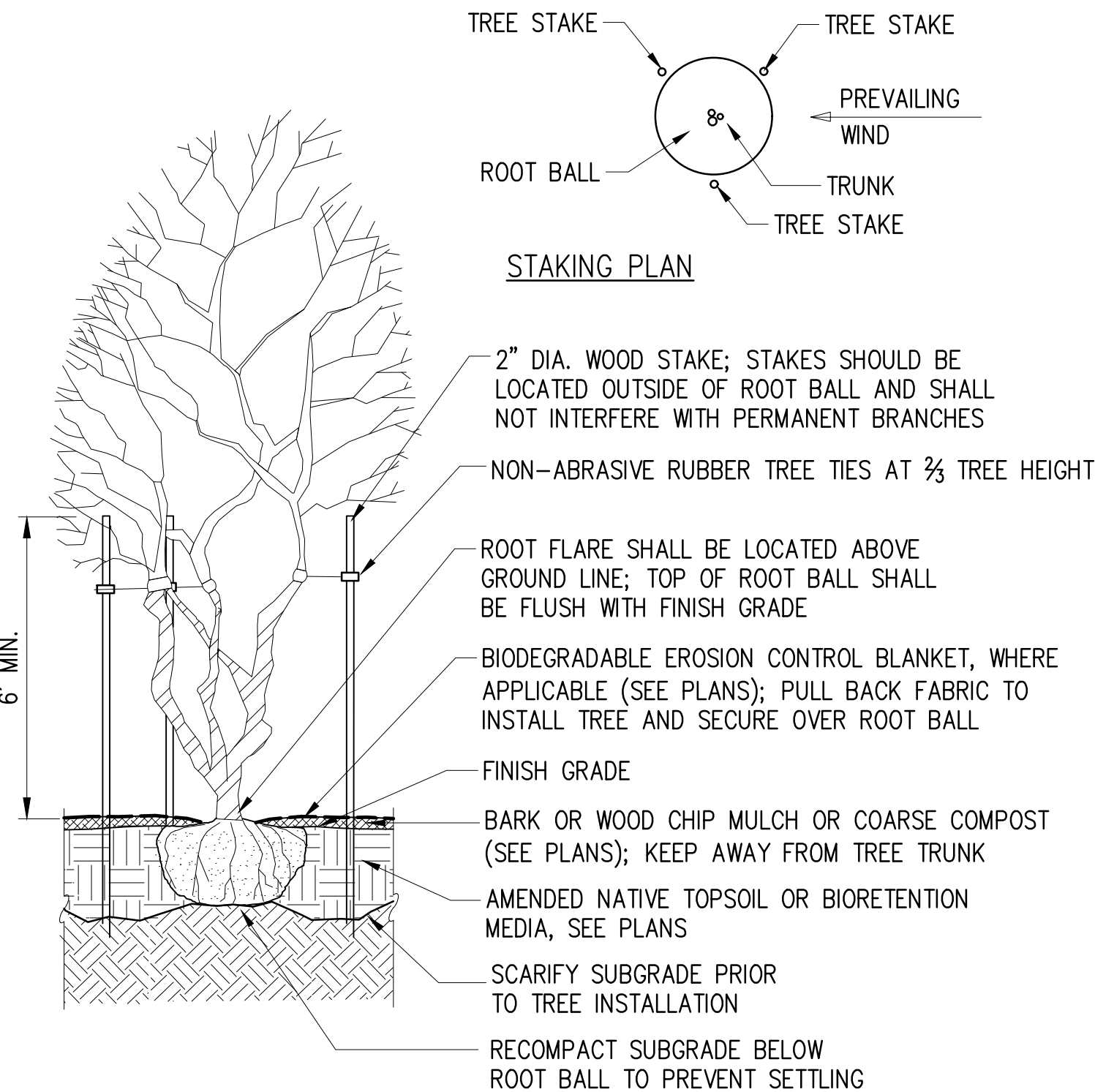
CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS

LANDSCAPE RESTORATION SCHEDULE	
KPG PROJECT No. 22030	SHT <u>15</u> OF <u>17</u>

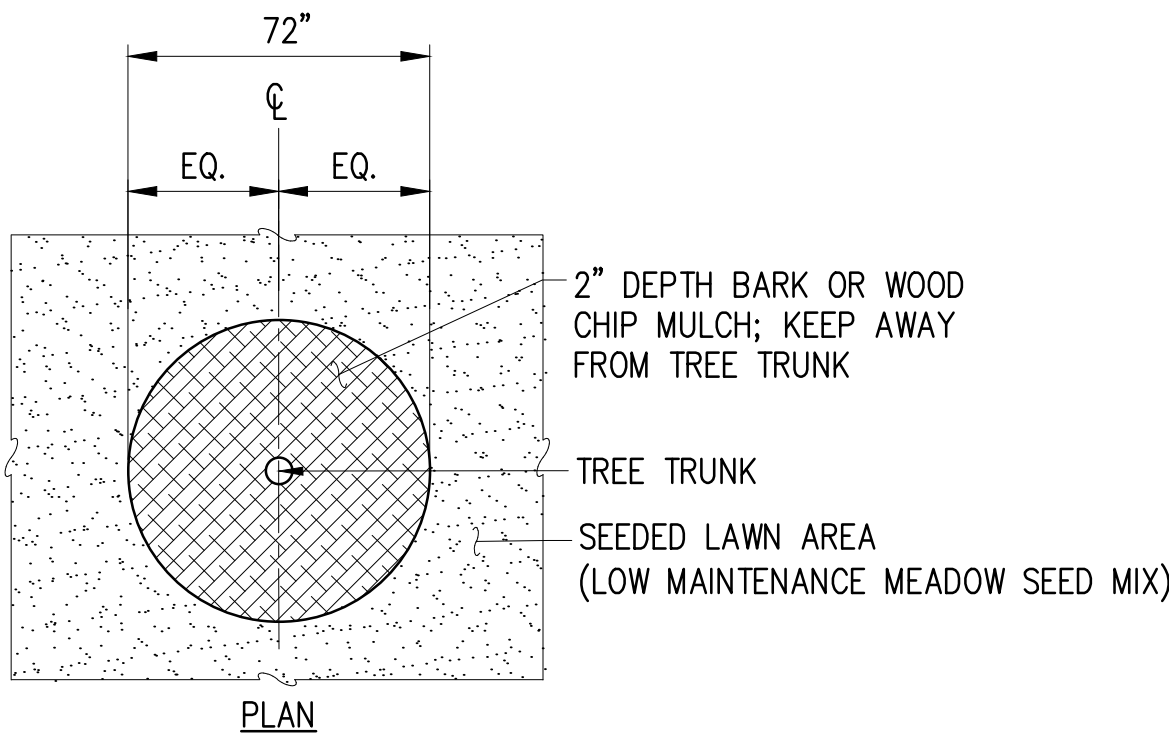
K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030L.GND.dwg 5/22/2023 10:04 AM



TYPICAL DECIDUOUS TREE PLANTING DETAIL
NTS

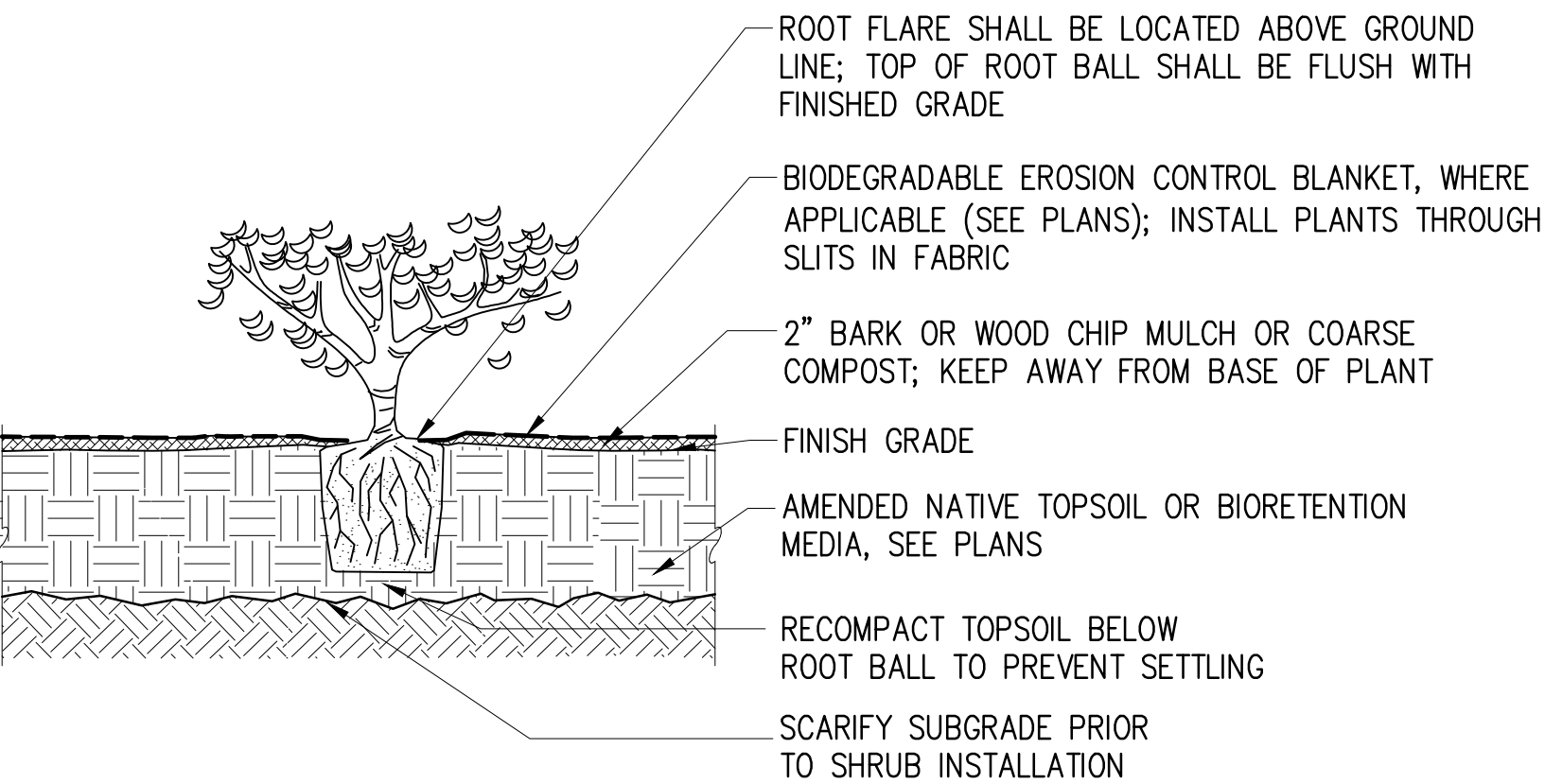
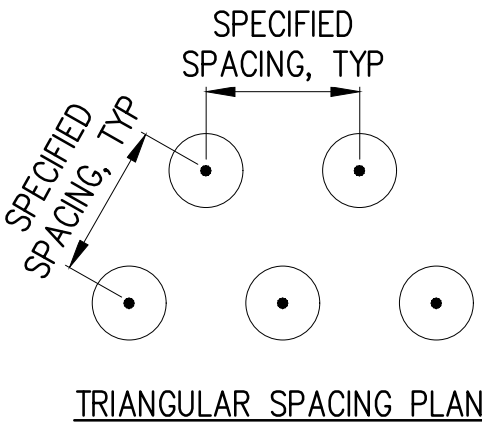


TYPICAL MULTISTEM TREE PLANTING DETAIL
NTS



TYPICAL MULCH TREE RING DETAIL
NTS

NOTE: DETAIL APPLIES ONLY TO NEW TREE PLANTINGS IN LAWN AREAS.



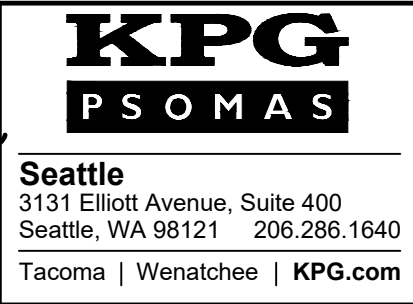
TYPICAL SHRUB/GROUNDCOVER PLANTING DETAIL
NTS

TREE PLANTING NOTES

1. TREE PIT SHALL NOT BE LESS THAN (3) TIMES ROOT BALL DIA.
2. CUT ALL TIES AND REMOVE BURLAP FROM ROOT BALL; REMOVE ALL PLASTIC AND TWINE.
3. STAKE TREES PARALLEL TO PREVAILING WIND.
4. BACKFILL AMENDED NATIVE TOPSOIL AROUND ROOT BALL IN 6" LIFTS AND LIGHTLY RECOMPACT EACH LIFT; AFTER BACKFILLING, WATER IN ROOT BALL TO SETTLE THE SOIL.

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030LS.dwg
ENGINEERING MANAGER		FILENAME
PROJECT MANAGER		CS 05/2023
PROJECT ENGINEER		DESIGNED BY DATE
		GP 05/2023
		DRAWN BY DATE
		CS 05/2023
		CHECKED BY DATE



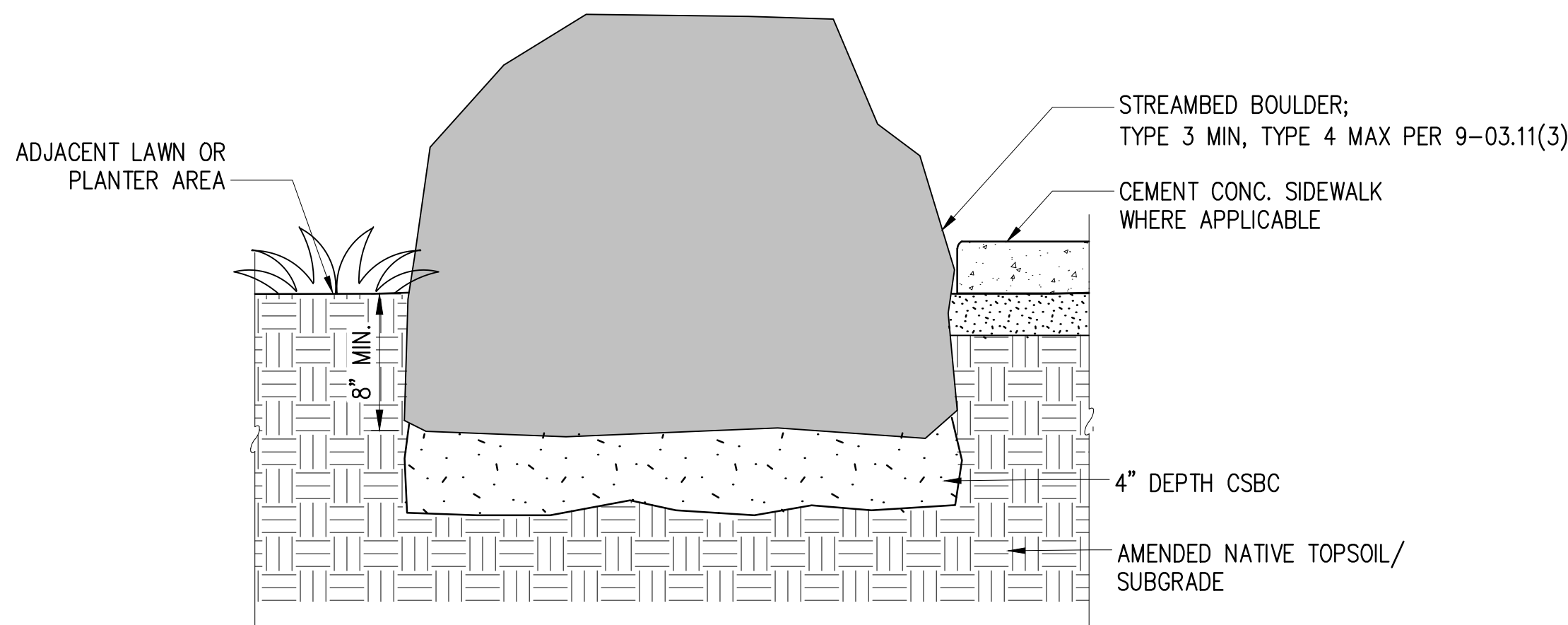
ISSUED FOR BID



**CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS**

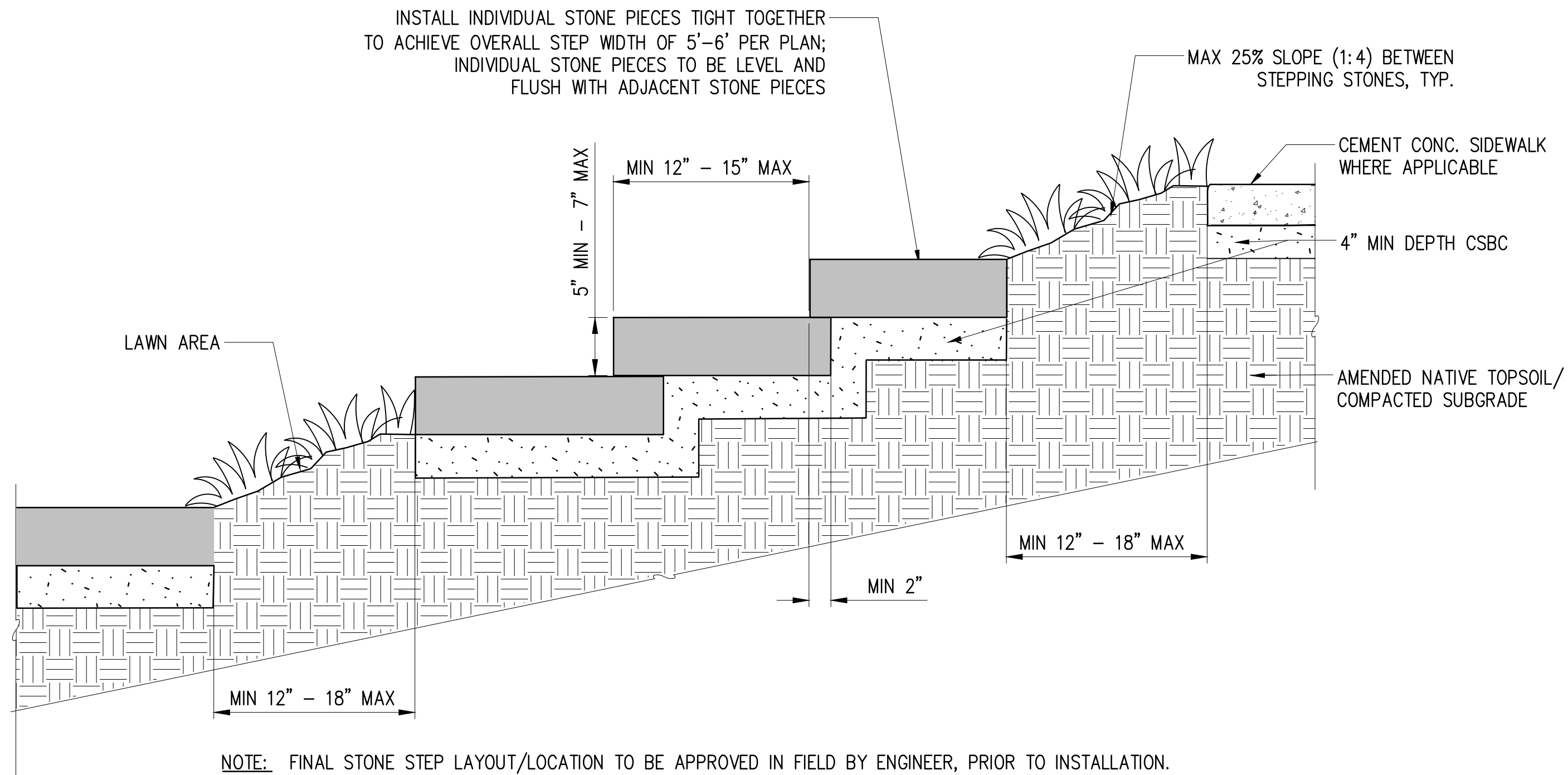
LANDSCAPE RESTORATION DETAILS 1	
KPG PROJECT No. 22030	SHT 16 OF 17

K:\PROJECTS\lake stevens\22030 -sunset beach park\DESIGN\Drawings\Contract\22030LGND.dwg 5/22/2023 10:04 AM



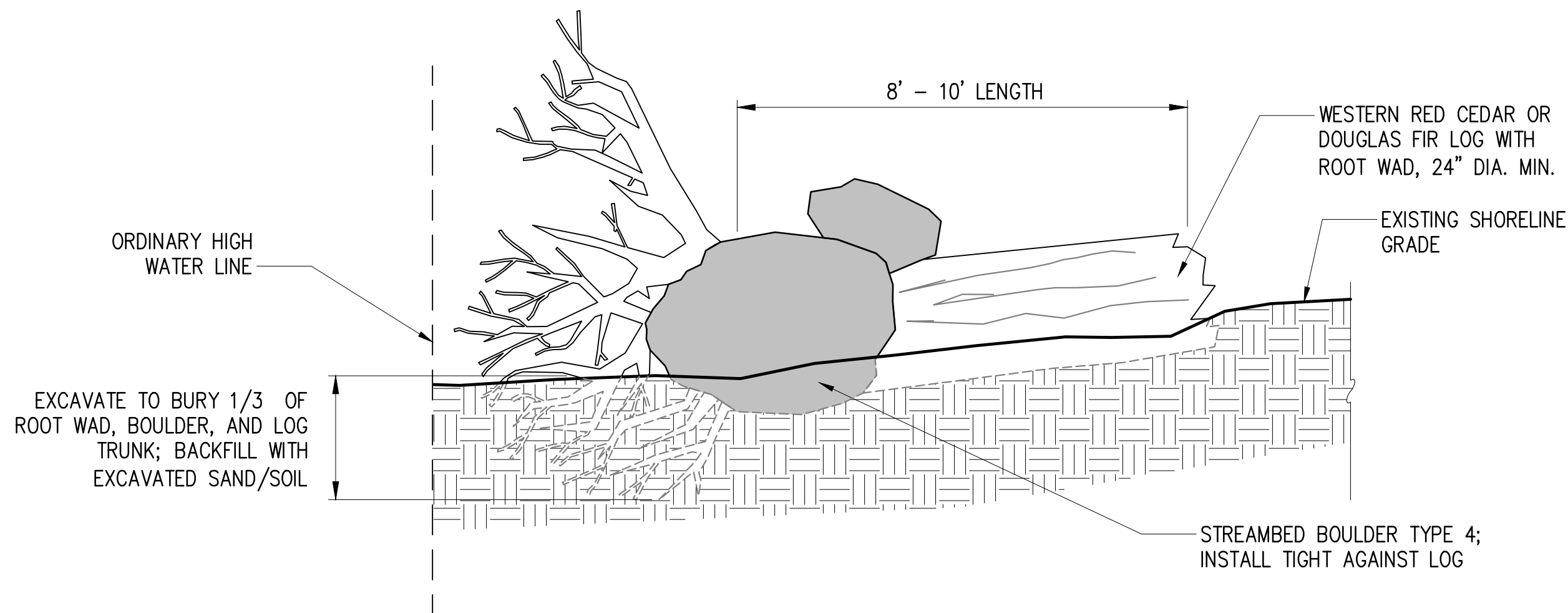
NOTE: FINAL BOULDER LOCATIONS TO BE APPROVED IN THE FIELD BY THE ENGINEER.

TYPICAL STONE BOULDER DETAIL
NTS

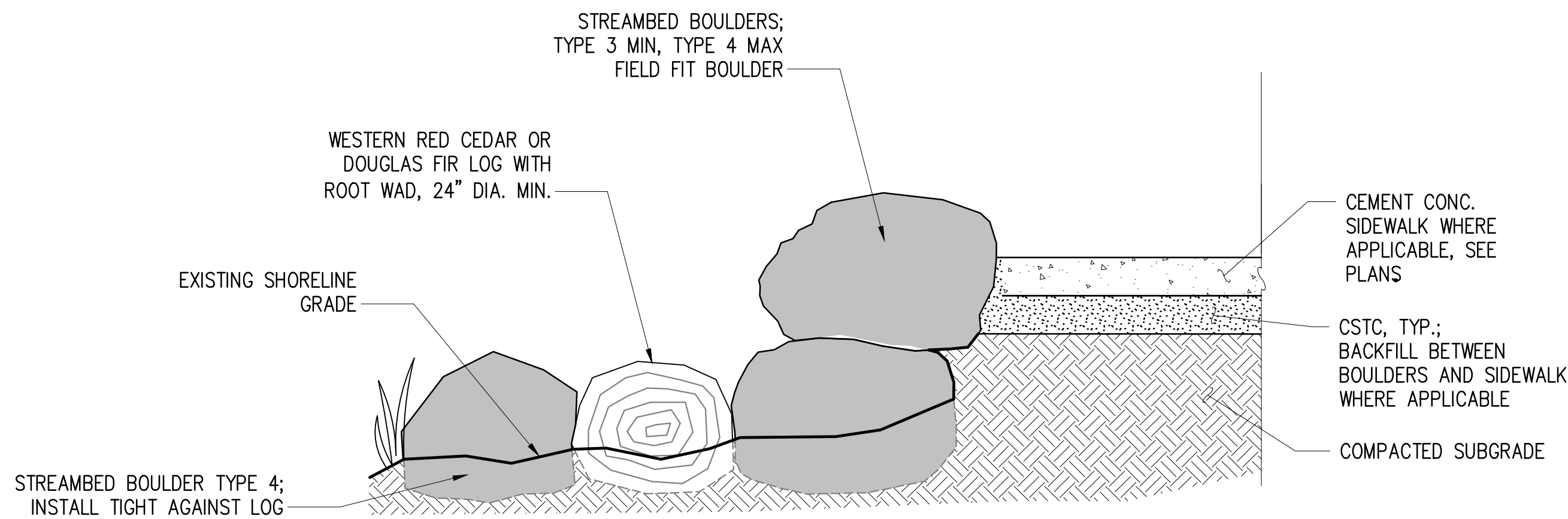


NOTE: FINAL STONE STEP LAYOUT/LOCATION TO BE APPROVED IN FIELD BY ENGINEER, PRIOR TO INSTALLATION.

TYPICAL STONE STEP DETAIL
NTS



ELEVATION



SECTION

NOTE: FINAL WOOD LOG WITH ROOT WAD AND BOULDER LOCATIONS AND ORIENTATION TO BE APPROVED IN THE FIELD BY THE ENGINEER.

TYPICAL WOOD LOG WITH ROOT WAD DETAIL
NTS

NO.	DATE	BY	APPR.	REVISIONS

Approved By		22030LS.dwg
ENGINEERING MANAGER	DATE	CS 05/2023
PROJECT MANAGER	DATE	GP 05/2023
PROJECT ENGINEER	DATE	CS 05/2023
		CHECKED BY DATE



**ISSUED
FOR BID**



**CITY OF LAKE STEVENS
SUNSET PARK IMPROVEMENTS**

LANDSCAPE RESTORATION DETAILS 2	
KPG PROJECT No. 22030	SHT <u>17</u> OF <u>17</u>