

# Lowman Beach Park Shoreline Restoration

Parks Specification # 0000 PW # 0000-000 Project # PRK732303-08

Funding Source: Seattle Parks District/Other Funding Source

**Owner:**

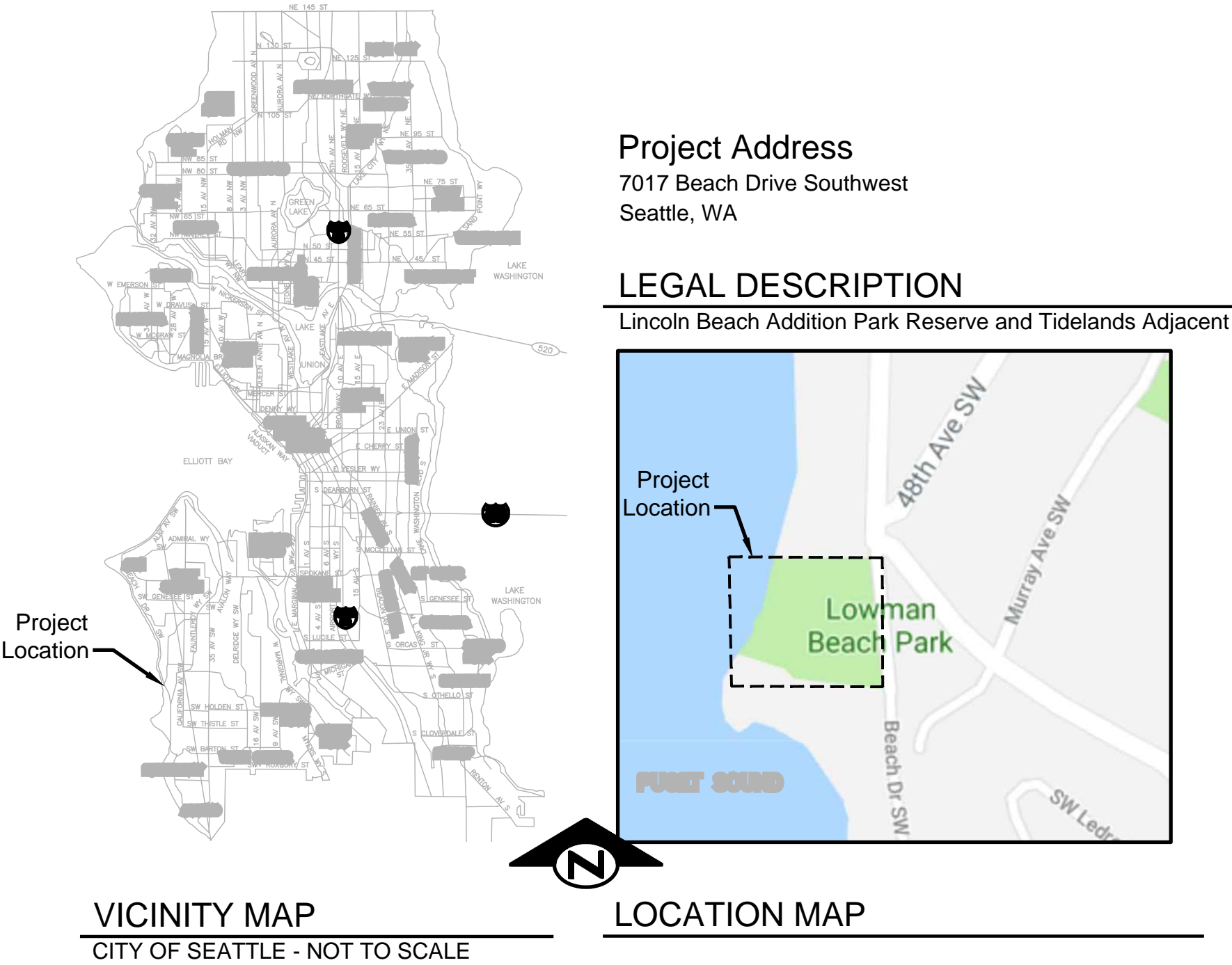
City of Seattle Department of Finance & Administrative Services,  
City Purchasing & Contracting Services

**Administering Department:**

City of Seattle Department of Parks and Recreation, Planning & Development Division  
800 Maynard Avenue South, Third Floor, Seattle, WA 98134  
Project Manager: David Graves 206-684-7048

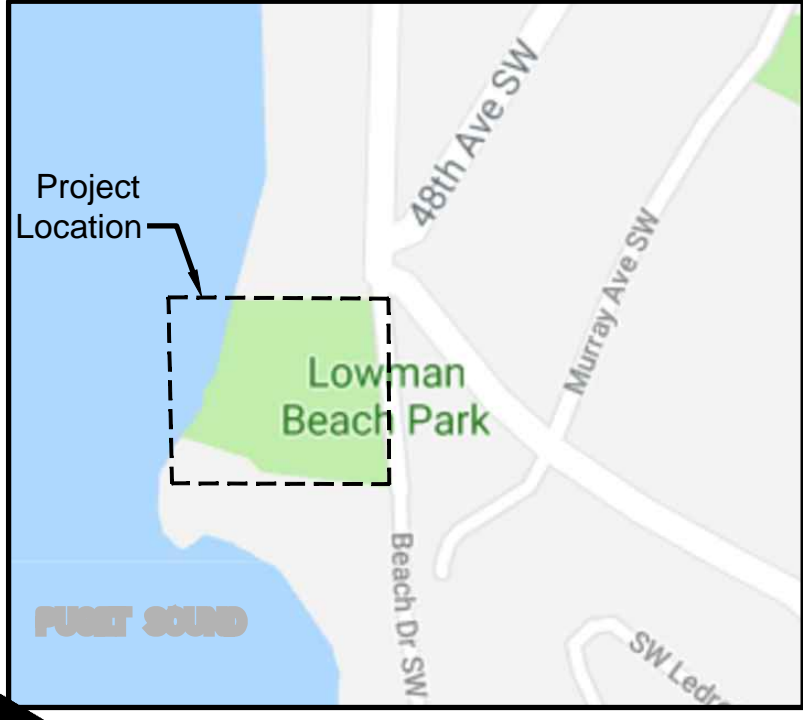
**Project Design Team:**

Environmental Science Associates (Prime), Reid Middleton (Structural).  
Primary Contact: Pablo Quiroga 415-262-2305



**Project Address**  
7017 Beach Drive Southwest  
Seattle, WA

**LEGAL DESCRIPTION**  
Lincoln Beach Addition Park Reserve and Tidelands Adjacent



VICINITY MAP  
CITY OF SEATTLE - NOT TO SCALE

LOCATION MAP

## STANDARD ABBREVIATIONS

Aban	Abandon(ed)	Gal	Gallon	Qty	Quantity
Adj	Adjust	GPM	Gallons Per Minute	R	Radius
ADA	Americans with Disabilities Act	Galv	Galvanize/Galvanized	RR	Railroad
AIC	Aerial Interconnect	GIP	Galvanized Iron Pipe	RRW	Railway
Al	Aluminum	GSP	Galvanized Steel Pipe	Rcon	Reconnect
AP	Angle Point	GM	Gas Meter	Red	Reducer
Approx	Approximate	G Reg	Gas Regulator	Ref	Refer/Reference
Asph	Asphalt	Gr	Grade	Reinf	Reinforcing/Reinforcement
ABW	Asphalt Bike Way	Gnd	Ground	RCP	Reinforced Concrete Pipe
ATB	Asphalt Treated Base	GP	Guy Pole	Reloc	Relocate
ACV	Automatic Control Valve	HH	Handhole	Rem	Remove
AVB	Automatic Vacuum Breaker	HPS	High Pressure Sodium	R&R	Remove and Replace
Ave	Avenue	Horiz	Horizontal	Repl	Replace
Avg	Average	HB	Hose Bib	Req'd	Required
BV	Ball Valve	HC	Hose Connection	Ret	Retire(d)
BOC	Beginning of Curb	Hse	House	Rt	Right
BO	Blow Off	Hyd	Hydrant	R/W	Right of Way
BF	Bottom Face	In	Inch/Inches	RGS	Rigid Galvanized Steel
Br	Brick	Inl	Inlet	RS	Rigid Steel
Blkhd	Bulkhead	ID	Inside Diameter	RD	Roadway
BV	Butterfly Valve	Inv	Invert	RD	Roof Drain
Cb	Cable	Inv (Line)	Invert (Line)	SB	Sand Box
Cal	Calliper	IP	Iron Pipe	SCL	Seattle City Light
CIP	Cast Iron Pipe	Irrg	Irrigation	SED	Seattle Engineering Dept.
CB	Catch Basin	IRC	Irrigation Controller	SWD	Seattle Water Department
CL	Center Line	Irrg	Irrigation	SG	Subgrade
C-C	Center to Center	IRI	Irrigation Head	SD	Service Drain
CLF	Chain Link Fence	IS	Iron	Sh	Sheet
Ch	Chamber	IS	Iron	SS	Slide Sewer - Combined
Ch	Chamber	IH	Irrigation Head	SSS	Slide Sewer - Sanitary
CO	Clean Out	Jt	Joint	SI	Sleeve
Clr	Clearance	JB	Junction Box	Spca	Spaces
Conc	Concrete	KV	Kilovolt	Spec	Specification(s)
CBW	Concrete Bike Way	LT	Large Inlet Top	SH	Sprinkler Head
CC	Concrete Culvert	Lt	Light Pole	Sq	Square
CW	Concrete Walk	LF	Lineal Feet	Std	Standard
Cond	Condition	LP	Light Pole	Stl	Steel
Cd	Conduit	LF	Lineal Feet	Stl P	Steel Pipe
Conn	Connect	Loc	Location/Locate	Str	Street
CMP	Corrugated Metal Pipe	MH	Manhole	SDS	Street Designation Sign
Cont	Continuous	MCV	Manual Control Valve	SLHH	Street Light Handhole
Cr	Cross	MDV	Manual Drain Valve	SNS	Street Name Sign
Cu Ft	Cubic Feet	Max	Maximum	Struct	Structural/Structure
Cu Yd	Cubic Yard	MJ	Mechanical Joint	SL	Survey Line
Culv	Culvert	MVL	Mercury Vapor Light	T	Tee
C&G	Curb and Gutter	Min	Minimum	Tel	Telephone
CR	Curb Radius	Misc	Miscellaneous	TCB	Telephone Cable
Dept	Department	ML	Monument Line	TCd	Telephone Conduit
Dia	Diameter	NIC	Not in Contract	TC	Top of Curb
DB	Direct Burial Cable	NTS	Not To Scale	THH	Telephone Handhole
DGV	District Gate Valve	No.	Number	TVCb	Television Cable
DCV	Double Check Valve	OC	On Center	TVHH	Television Handhole
Dwy	Driveway	OD	Outside Diameter	Temp	Temporary
DIP	Ductile Iron Pipe	OD	Outside Diameter	TH	Testhole
Ea	Each	Pav	Pavement	TF	Top Face
Eamt	Easement	PPB	Pedestrian Push Button	Tr	Traffic
Ecc	Eccentric	PDP	Perforated Drain Pipe	TrCb	Traffic Cable
Elec	Electric/Electrical	PS	Pipe Sewer Combined	TrCd	Traffic Conduit
ECb	Electric Cable	PSS	Pipe Sewer Sanitary	TOHH	Traffic Handhole
ECd	Electric Conduit	PSD	Pipe Storm Drain	TRSB	Traffic Signal Box
ED	Electric Duct	PSDD	Pipe Storm Drain Detention	TRSP	Traffic Signal Pole
EMH	Electric Manhole	PE	Plain End	XP	Transmission Pole
EV	Electric Vault	PL	Plate	Typ	Typical
Ei	Elevation	PCC	Point of Compound Curvature	VCh	Valve Chamber
Elev	Elevation	PC	Point of Curvature	V/Var	Variable
Encl	Enclosure	PI	Point of Intersection	Vert	Vertical
EOC	End of Curb	PRC	Point of Reverse Curve	VB	Valve Box
Eq	Equal	PT	Point of Tangency	V/C	Vertical Curve
Ex	Existing	PVC	Polyvinyl Chloride	W	Water
Exp	Expansion	LBS	Pounds	WM	Water Meter
Ft	Feet	PSI	Pounds per Square Inch	WCR	Wheel Chair Ramp
FLP	Field Light Pole	PP	Power Pole	With	With
Fig	Figure	PPL	Power Pole with Light	WP	Wood Pole
FG	Finished Floor	PRV	Pressure Reducing Valve	WSP	Wood Stake Pipe
FS	Finished Surface (paving)	PVB	Pressure Vacuum Breaker	PL	Property Line
FM	Force Main	Prop	Proposed		

## SHEET INDEX

SHEET NO.	DWG NO.	SHEET TITLE
1	G1	TITLE SHEET
2	G2	GENERAL NOTES
3	G3	EXISTING CONDITIONS
4	G4	SITE ACCESS & STAGING
5	D1	DEMOLITION PLAN
6	D2	SEAWALL DEMOLITION
7	C1	OVERALL DESIGN PLAN
8	C2	BEACH GRADING PLAN
9	C3	BEACH GRADING SECTIONS
10	C4	SEAWALL PLAN
11	C5	SEAWALL STRUCTURAL SECTIONS & DETAILS 1 (60%)
12	C6	SEAWALL STRUCTURAL SECTIONS & DETAILS 2 (60%)
13	C7	PELLY CREEK PIPE RELOCATION
14	C8	PELLY CREEK PLAN
15	C9	PELLY CREEK PROFILE & SECTIONS
16	C10	PELLY CREEK DETAILS
17	ESC1	TESC PLAN (60%)
18	L1	LANDSCAPE PLAN
19	L2	LANDSCAPE SCHEDULE & DETAILS

APPROVED FOR ADVERTISING:  
Liz Alzeer  
City Purchasing & Contracting Services

Seattle, Washington \_\_\_\_\_ Date \_\_\_\_\_ 20\_\_\_\_

Signature: \_\_\_\_\_  
Director, City Purchasing & Contracting Services

3		
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NO.	REVISION - AS BUILT	DATE

REVIEWED: \_\_\_\_\_ DATE \_\_\_\_\_  
PARK ENGINEER

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.



LOWMAN BEACH PARK

LOWMAN BEACH PARK  
SHORELINE RESTORATION

TITLE SHEET

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 1 of 19
CHECKED BTB	
ORDINANCE NO. X	G1
SPECIFICATION NO. X	
SCALE AS NOTED	

PLOT DATE: 2/15/2019 6:51:08 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfo-file01\Projects\SEA\16xxx\Dr\160292.00 Lowman Beach Park\08\_CADD\Drawings\1 TITLE SHEET.dwg

## GENERAL NOTES

### GENERAL

1. WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS AND PERMITS ISSUED FOR THE PROJECT.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING FACILITIES, RESIDENTIAL STRUCTURES, INFRASTRUCTURE, IMPROVEMENTS, AND VEGETATION NOT PLANNED FOR DEMOLITION OR REMOVAL, AND SHALL REPLACE IN-KIND ANY DAMAGED FACILITIES OR VEGETATION AT ITS OWN EXPENSE AND TO THE OWNER SATISFACTION.
3. PRIOR TO ANY GROUND DISTURBANCE, CONTRACTOR SHALL LOCATE ALL UNDERGROUND AND OVERHEAD FACILITIES IN ACCORDANCE WITH SPECIFICATIONS AND STATE LAW. UPON LEARNING OF THE EXISTENCE AND/OR LOCATIONS OF ANY UNDERGROUND FACILITIES NOT SHOWN OR SHOWN INACCURATELY ON THE PLANS OR NOT PROPERLY MARKED BY THE UTILITY OWNER, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY OWNER, AND THE CITY OF SEATTLE BY TELEPHONE AND IN WRITING.
4. PROJECT SITE IS GENERALLY LOCATED NEAR THE MARINE ENVIRONMENT, AND PORTIONS OF THE SITE ARE IN THE INTERTIDAL ZONE. TIDAL ACCESS RESTRICTIONS WILL APPLY DURING CONSTRUCTION, WHICH MAY LIMIT THE CONTRACTOR'S ACCESS TO CERTAIN AREAS DURING A TYPICAL WORKDAY: CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL APPLICABLE PERMIT RESTRICTIONS PRIOR TO MOBILIZING.
5. CONDITIONS ARE DYNAMIC, AND WORK AREAS ARE SUBJECT TO THE ACTION OF THE FLUCTUATING TIDES, WAVES, BOAT WAKES, AND CURRENTS. CONTRACTOR SHALL BE FAMILIAR WITH MARINE CONDITIONS AND IMPLEMENT CONSTRUCTION TECHNIQUES APPROPRIATE TO CONDUCT AND PROTECT WORK AS REQUIRED.
6. CONTRACTOR SHALL HAVE COPIES OF THE APPROVED PLANS, SPECIFICATIONS, AND PERMITS ON SITE AND READILY AVAILABLE AT ALL TIMES.
7. ACCESS TO THE SITE IS ON PUBLIC ROADS. COORDINATE WITH THE CITY FOR APPROVED HAUL ROUTES AND TRAFFIC PERMITS AND APPROVALS.

### SURVEY

8. PROJECT COORDINATE SYSTEM:  
HORIZONTAL DATUM: NAD83 WASHINGTON STATE PLANE ZONE 4601, US SURVEY FEET.  
VERTICAL DATUM: NORTH AMERICAN DATUM OF 1988 (NAVD88), US SURVEY FEET.
9. AN EXISTING CONDITIONS GRADE SURFACE WAS DEVELOPED USING THE SURVEY CONDUCTED BY PARKS ON JANUARY, 2017 AND ESA SURVEY POINTS FROM JANUARY, 2019.
10. SPOT ELEVATIONS WITHIN THE SITE ARE BASED ON GROUND SURVEY CONDUCTED BY PARKS JANUARY, 2017. ADDITIONAL BEACH PROFILE DATA WAS COLLECTED BY ESA, JANUARY 2019.
11. AERIAL PHOTOGRAPHY PROVIDED BY ESA, 2018: HIGH-RESOLUTION IMAGERY FROM DRONE FOR LOWMAN BEACH PARK PROJECT.
12. DRAWINGS REPRESENT CONDITIONS ENCOUNTERED AT TIME OF SURVEY (PARKS, JANUARY 2017, ESA, JANUARY 2019). SITE CONDITIONS ARE DYNAMIC AND SUBJECT TO CHANGE. CONTRACTOR SHALL CONDUCT SURVEY PRIOR TO CONSTRUCTION TO VERIFY SITE CONDITIONS.

### ACCESS, STAGING AND ENVIRONMENTAL PROTECTION

13. ACCESS TO THE SITE IS ON PUBLIC ROADS. COORDINATE WITH THE CITY OF SEATTLE FOR APPROVED HAUL ROUTES AND TRAFFIC PERMITS AND APPROVALS.
14. CONTRACTOR SHALL COORDINATE WITH THE CITY OF SEATTLE PRIOR TO MOBILIZING EQUIPMENT. CONTRACTOR SHALL NOT BLOCK ACCESS TO ADJACENT PROPERTIES OR TRAFFIC.
15. INSTALL TEMPORARY STABILIZED CONSTRUCTION ENTRANCE TO REMOVE SOIL FROM VEHICLES EXITING THE SITE. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS AND SWEEP STREET USED FOR VEHICLE ACCESS TO ENSURE ROADS TO REMAIN CLEAN.
16. PROTECT ALL IMPROVEMENTS AND FACILITIES FROM DAMAGE. ANY DAMAGED FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
17. CONDUCT GRADING OPERATIONS TO CONTROL WIND BLOWN DIRT AND DUST AND PROTECT NEIGHBORING PROPERTIES. AT MINIMUM PERFORM WATERING AS NEEDED TO PREVENT VISIBLE DUST FROM LEAVING THE JOB SITE.
18. ELIMINATE OR MINIMIZE NON-STORM DISCHARGE FROM THE CONSTRUCTION SITE TO THE BAY AND ALL OTHER WATER BODIES INCLUDING GROUND WATER.
19. ALL MATERIALS THAT COULD CAUSE WATER POLLUTION (I.E., MOTOR OIL, FUELS, PAINTS, ETC.) SHALL BE STORED IN A CONTAINED AND USED IN A MANNER THAT WILL NOT CAUSE ANY POLLUTION ALL DISCARDED MATERIAL AND ANY ACCIDENTAL SPILLS SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED DISPOSAL SITE.

### DEMOLITION NOTES

20. BEFORE PROCEEDING WITH ANY DEMOLITION WORK, THE CONTRACTOR SHALL SUBMIT TO THE OWNER'S REPRESENTATIVE, FOR REVIEW AND APPROVAL, A DETAILED WORK PLAN, AS REQUIRED IN THE SPECIFICATIONS, INCLUDING THE SEQUENCING, TIMING, EQUIPMENT, MEANS AND METHODS, AND LOGISTICS OF OPERATIONS
21. EXISTING SEAWALL AND SURROUNDINGS ARE IN DETERIORATED CONDITIONS. CONTRACTOR SHALL DETERMINE LOADING RESTRICTIONS APPLICABLE TO DEMOLITION ACTIVITIES BEFORE ALLOWING ANY EQUIPMENT TO BE NEAR THE SEAWALL.
22. DEMOLITION MATERIALS SHALL BE RECYCLED AT A PERMITTED FACILITY AND DISPOSED OF IN A PERMITTED LANDFILL IN ACCORDANCE WITH SPECIFICATIONS.

### CONSTRUCTION

23. THE PROJECT INVOLVES EXCAVATION, TRANSPORT, AND PLACEMENT OF MATERIAL WITHIN THE INTERTIDAL RANGE.
24. THE CONTRACTOR IS RESPONSIBLE FOR ALL WATER MANAGEMENT THROUGHOUT CONSTRUCTION, INCLUDING DEWATERING, DIVERSION AND DRAINAGE.
25. PRIOR TO MOBILIZING MATERIAL AND EQUIPMENT AT THE SITE, CONTRACTOR SHALL SUBMIT A WORK AND ACCESS PLAN, FOR APPROVAL BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE FAMILIAR WITH SITE CHARACTERISTICS, INTENT OF THE WORK, AND ALL APPLICABLE PERMIT CONDITIONS. CONTRACTOR SHALL DOCUMENT UNDERSTANDING THEREOF IN THE WORK AND ACCESS PLAN.

### PLANTING

26. SEE NOTES ON SHEET L1

## PROJECT BENCHMARK

POINT TABLE				
NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
95	BRASS CAP	209,337.43	1,252,060.77	26.32
97	TACK/LEAD	200,839.77	1,254,103.75	13.31
112	MAG NAIL	200,815.72	1,254,279.25	17.38
118	TACK/LEAD	200,839.82	1,254,103.58	13.31
120	MAG NAIL	200,831.35	1,254,360.21	22.87

PROJECT BENCHMARK PER SEATTLE PARKS, JANUARY, 2017

## TIDE DATUM TABLE

STATION 9447130, SEATTLE, WA, EPOCH 1983-2001		
DATUM		EL. NAVD 88, FT
MEAN HIGHER HIGH WATER	MHHW	9.02
MEAN HIGH WATER	MHW	8.15
MEAN TIDE LEVEL	MTL	4.32
MEAN SEA LEVEL	MSL	4.3
MEAN LOW WATER	MLW	0.49
NAVD 88	NAVD88	0.0
MEAN LOWER LOW WATER	MLLW	-2.34

NOTE: TIDAL WATER LEVELS ARE APPROXIMATE AND ARE PROVIDED FOR CONTRACTORS INFORMATION ONLY. ACTUAL WATER LEVELS AT THE TIME OF CONSTRUCTION MAY FLUCTUATE ABOVE AND BELOW THE LEVELS IN THIS TABLE. REFER TO GENERAL NOTES

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Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

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2		
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NOT FOR CONSTRUCTION

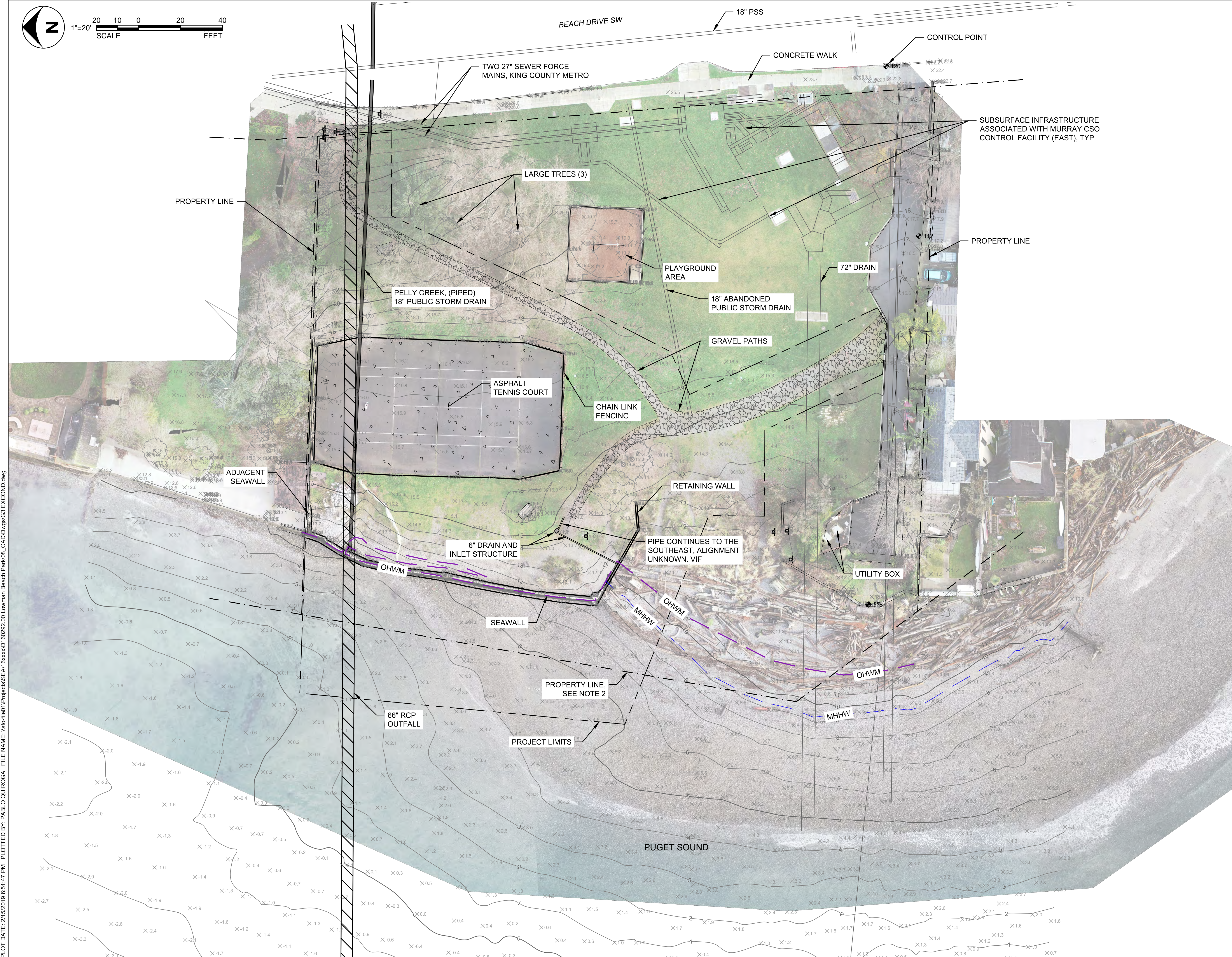
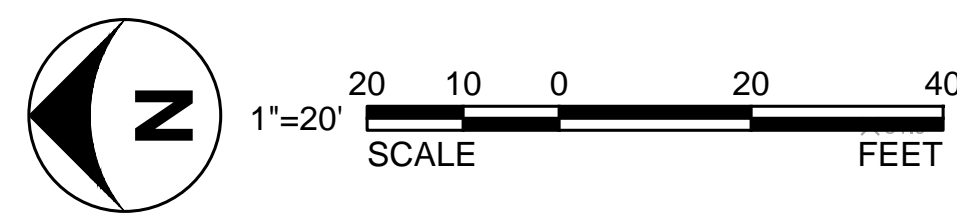
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LOWMAN BEACH PARK

LOWMAN BEACH PARK  
SHORELINE RESTORATION

GENERAL NOTES

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	
CHECKED BTB	SHEET 2 OF 19
ORDINANCE NO. X	G2
SPECIFICATION NO. X	
SCALE AS NOTED	



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**NOTES:**

- IRRIGATION INFRASTRUCTURE NOT SHOWN ON 30% PLANSET.
- SEAWARD PROPERTY LINE IS THE DESIGNATED GOVERNMENT MEANDER LINE. LAND SEAWARD OF THE PROPERTY LINE IS OWNED BY THE STATE OF WASHINGTON.

**ABBREVIATIONS:**

PIP	PROTECT IN PLACE
VIF	VERIFY IN FIELD
TYP	TYPICAL
OHWM	ORDINARY HIGH WATER MARK
MHHW	MEAN HIGHER HIGH WATER

**LEGEND:**

	PROPERTY LINE
	PROJECT LIMITS
	(E) CONTOUR, MAJOR
	(E) CONTOUR, MINOR
	OHWM
	MHHW
	(E) FENCE
	66" OUTFALL
	PELLY CREEK 18"
	GRAVEL PATH
	ASPHALT
	PUBLIC SIGN

NO.	REVISION - AS BUILT	DATE
3		
2		
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**Seattle Parks & Recreation**

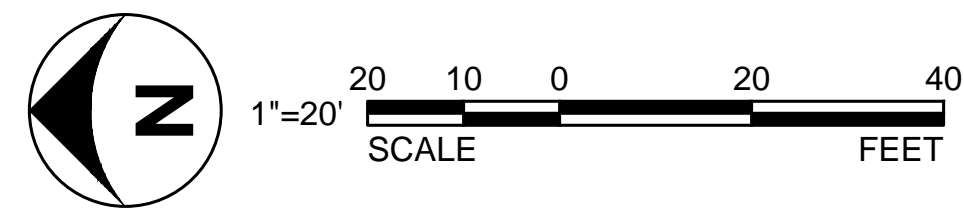
**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK SHORELINE RESTORATION**

**EXISTING CONDITIONS**

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 3 OF 19
CHECKED BTB	<b>G3</b>
ORDINANCE NO. X	
SPECIFICATION NO. X	
SCALE AS NOTED	

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TO LINCOLN  
PARK WAY SW

CENTER OF  
ROAD

BEACH DRIVE SW

NARROW  
ROAD, LESS  
THAN 15' WIDE

BEACH DRIVE SW ALLEY

LARGE TREES (E), DO NOT  
DISTURB ROOT ZONE.

PLAYGROUND  
AREA, PIP

PRIMARY  
STAGING AREA

GRAVEL  
PATHS

ASPHALT  
TENNIS COURT

CONSTRUCTION  
ACCESS

SECONDARY  
STAGING AREA

PROPERTY LINE

PROJECT LIMITS

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**NOTES:**

1. X

**ABBREVIATIONS:**

PIP PROTECT IN PLACE  
(E) EXISTING  
FT FEET

**LEGEND:**

--- PROPERTY LINE  
- - - PROJECT LIMITS  
- - - (E) FENCE  
[Gravel Pattern] GRAVEL PATH  
[Asphalt Pattern] ASPHALT  
[Circle Pattern] ACCESS ROUTE  
[Staging Pattern] STAGING  
[Sign Symbol] PUBLIC SIGN

NO.	REVISION - AS BUILT	DATE
3		
2		
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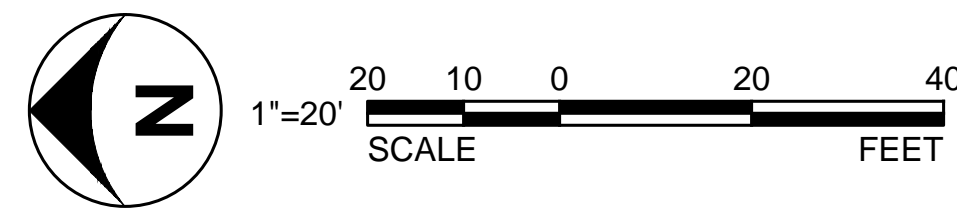
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**Seattle  
Parks & Recreation**

**LOWMAN BEACH PARK  
LOWMAN BEACH PARK  
SHORELINE RESTORATION  
SITE ACCESS & STAGING**

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	
CHECKED BTB	SHEET 4 OF 19
ORDINANCE NO. X	<b>G4</b>
SPECIFICATION NO. X	
SCALE AS NOTED	

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**NOTES:**

- DO NOT DISTURB SITE ELEMENTS OUTSIDE OF LIMIT OF WORK.
- DEMOLISH IRRIGATION SYSTEM STRUCTURES WITHIN LIMIT OF WORK (NOT SHOWN). DETAILED IRRIGATION SYSTEM DEMOLITION AND RECONSTRUCTION PLANS TO BE INCLUDED IN THE 60% DESIGN PLANSET.

**ABBREVIATIONS:**

PIP	PROTECT IN PLACE
(E)	EXISTING
FT	FEET

**LEGEND:**

	PROPERTY LINE
	PROJECT LIMITS
	66" OUTFALL
	PELLY CREEK 18"
	GRAVEL PATH (DEMO)

3		
2		
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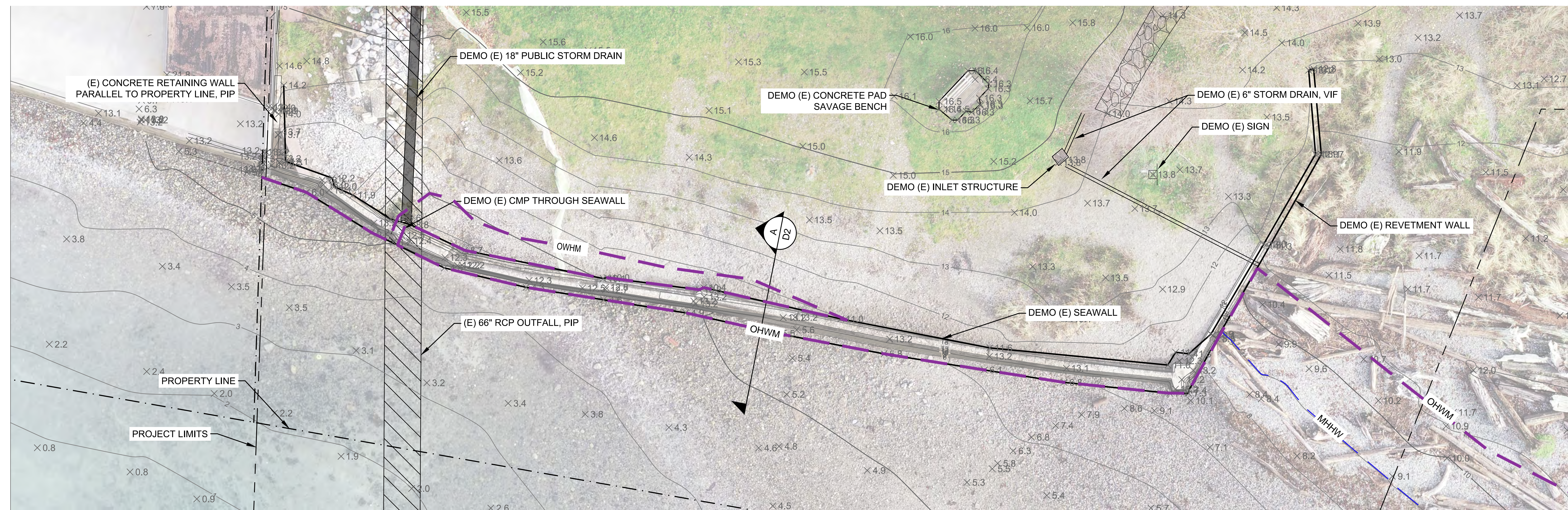
**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK  
SHORELINE RESTORATION**

**DEMOLITION PLAN**

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 5 OF 19
CHECKED BTB	
ORDINANCE NO. X	D1
SPECIFICATION NO. X	
SCALE AS NOTED	

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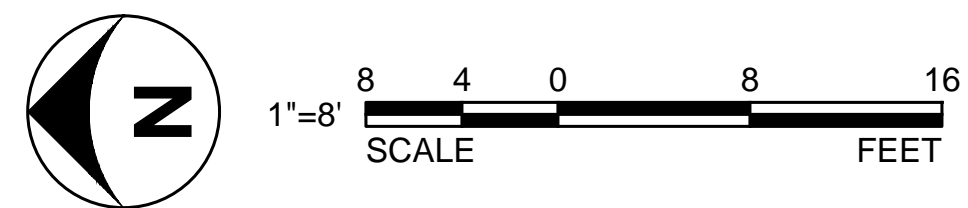


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**NOTES:**  
 1. x

**ABBREVIATIONS:**  
 PIP PROTECT IN PLACE  
 (E) EXISTING  
 FT FEET  
 MHHW MEAN HIGH OR HIGHWATER  
 OHWM ORDINARY HIGH WATER MARK

**LEGEND:**  
 - - - - - PROPERTY LINE  
 - - - - - PROJECT LIMITS  
 10 (E) CONTOUR, MAJOR  
 10 (E) CONTOUR, MINOR  
 - - - - - OHWM  
 - - - - - MHHW  
 [Hatched Box] 66" OUTFALL  
 [Solid Box] PELLY CREEK 18"  
 [Stippled Box] GRAVEL PATH



**SEAWALL DEMOLITION**  
 PLAN VIEW SCALE: 1" = 8'

NO.	REVISION - AS BUILT	DATE
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**30% PRELIMINARY**  
**NOT FOR CONSTRUCTION**

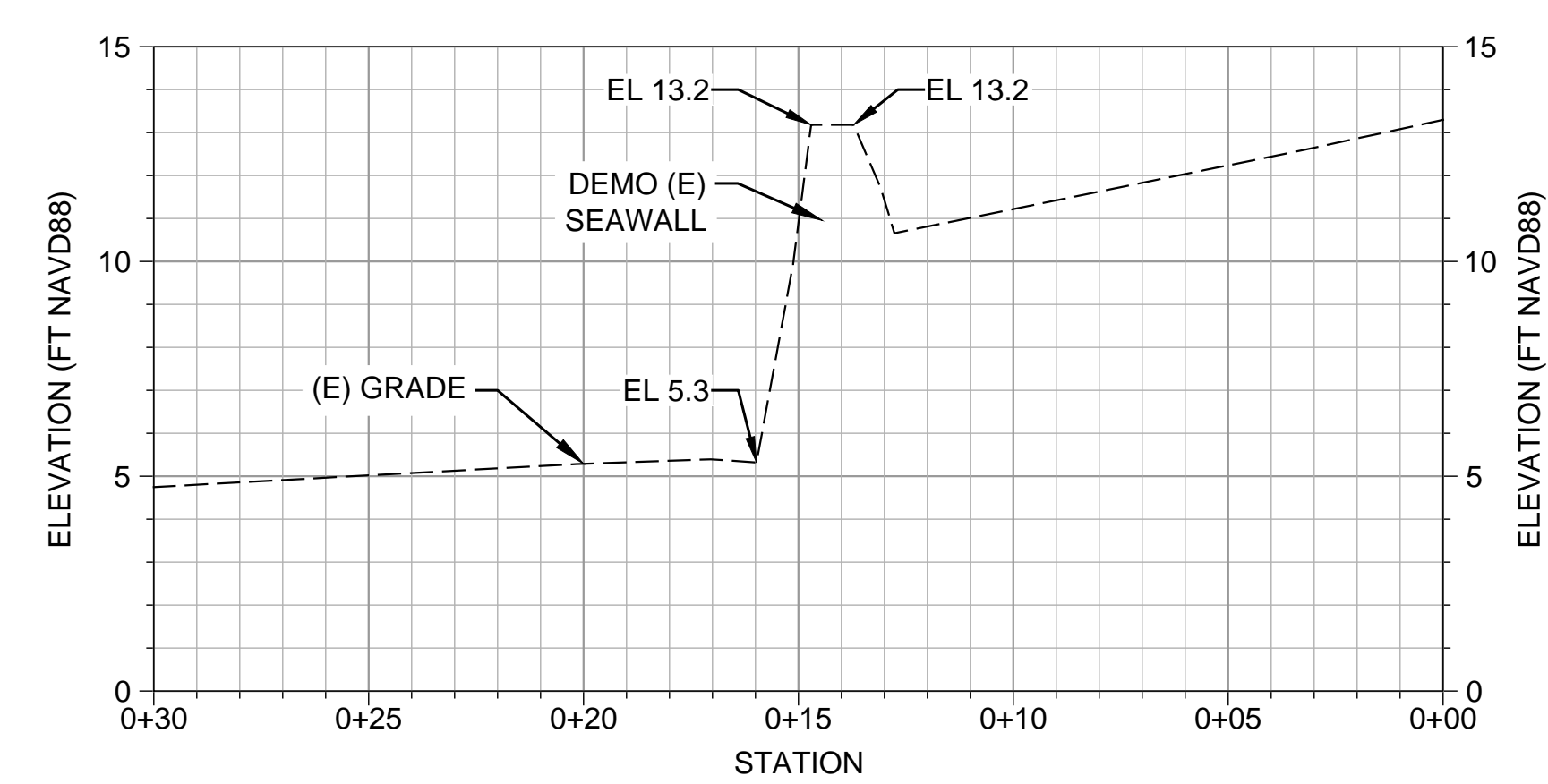
**Seattle Parks & Recreation**

**LOWMAN BEACH PARK**

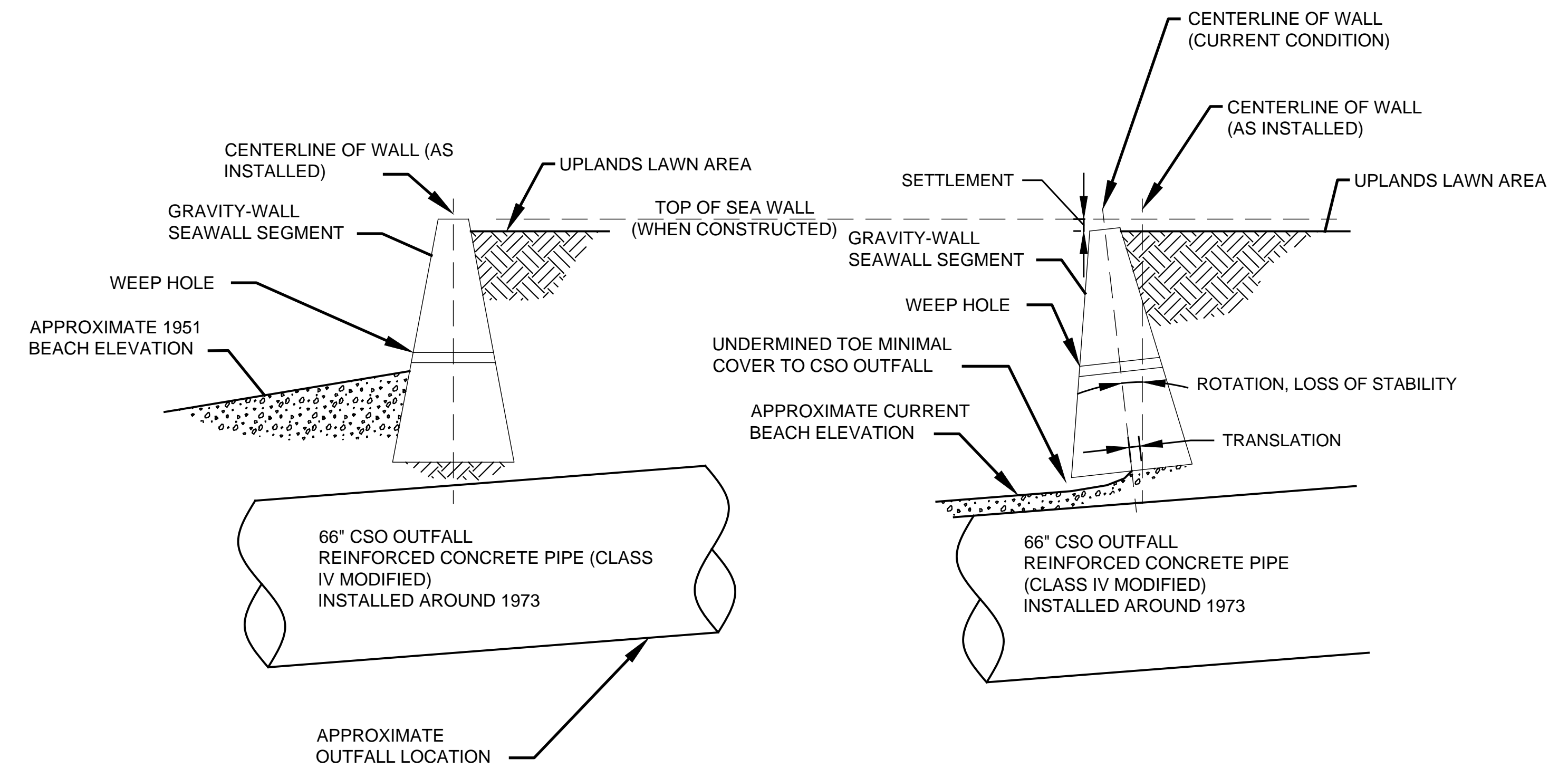
**LOWMAN BEACH PARK SHORELINE RESTORATION**

**SEAWALL DEMOLITION**

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 6 OF 19
CHECKED BTB	
ORDINANCE NO. X	<b>D2</b>
SPECIFICATION NO. X	
SCALE AS NOTED	



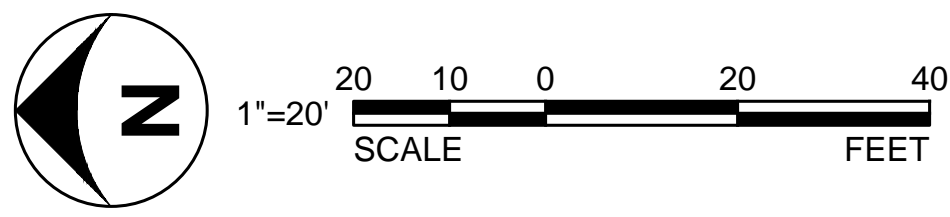
**A SEAWALL DEMOLITION**  
 TYPICAL SECTION SCALE: 1" = 4'



**B 1951 SEAWALL**  
 TYPICAL SECTION SCALE: NTS

**C CURRENT SEAWALL**  
 TYPICAL SECTION SCALE: NTS

LOT DATE: 2/15/2019 6:53:13 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-fie01\projects\SEA\16xxxx\D160292.00 Lowman Beach Park\08\_CADD\Drawings\2 DEMOLITION DETAIL.dwg



SHEET C7

SHEET C2 & SHEET C8

SHEET C4

PELLEY CREEK PIPE REALIGNMENT (NOTE 1)

DAYLIGHT PELLEY CREEK (TOP OF BANK)

CONSTRUCTION OF NEW RETURN SEAWALL

BACK-BEACH RESTORATION (LOG PLACEMENT)

BEACH GRADING TO MATCH NATURAL SLOPES, SEE SHEET C3

GRADING LIMITS

PROJECT LIMITS

PROPERTY LINE

**>>>>CAUTION - CALL 811<<<<  
UTILITY NOTIFICATION CENTER  
BEFORE YOU DIG!**

**WWW.CALL811.COM**

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

**NOTES:**

- (N) PELLEY CREEK PIPE REALIGNMENT. DESIGN TO BE COORDINATED WITH AGENCIES FOLLOWING 30% DESIGN.

**ABBREVIATIONS:**

**LEGEND:**

- PROPERTY LINE
- - - PROJECT LIMITS
- 10 (E) CONTOUR, MAJK
- 10 (E) CONTOUR, MINC
- 10 (N) CONTOUR, MAJK
- 10 (N) CONTOUR, MINC
- - - GRADING LIMITS
- (E) FENCE
- 66" OUTFALL

3		
2		
1		
NO.	REVISION - AS BUILT	DATE

**REVIEWED:** PARK ENGINEER DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW, STE. 200 SEATTLE, WA 98107 OFFICE - 206.789.9658 WWW.ESASSOC.COM

**30% PRELIMINARY  
NOT FOR CONSTRUCTION**

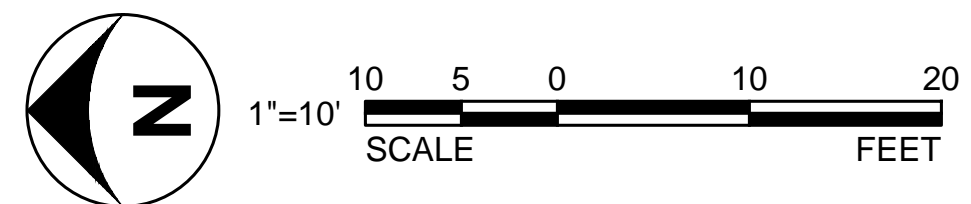


**LOWMAN BEACH PARK  
LOWMAN BEACH PARK  
SHORELINE RESTORATION  
OVERALL DESIGN PLAN**

DESIGNED PDG	DATE 02/15/2019
DRAWN HKS	SHEET 7 OF 19
CHECKED BTB	<b>C1</b>
ORDINANCE NO. X	
SPECIFICATION NO. X	
SCALE AS NOTED	

PLOT DATE: 2/15/2019 6:53:38 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-file01\Projects\SEA\16xxxx\160292.00 Lowman Beach Park\08\_CADD\Drawings\C1 SITE PLAN.dwg

PLOT DATE: 2/15/2019 6:53:54 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-fie01\Projects\SEA\16xxxx\160292.00 Lowman Beach Park\08\_CAD\Drawings\C3 BEACH GRADING PLAN.dwg



**>>>>CAUTION - CALL 811<<<<**  
**UTILITY NOTIFICATION CENTER**  
**BEFORE YOU DIG!**  
**WWW.CALL811.COM**

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

- NOTES:**
- PIPE RELOCATION DESIGN TO BE COORDINATED WITH AGENCIES FOLLOWING 30% PLANS.
  - DESIGN TO BE DEVELOPED FOLLOWING 30% PLANS.

**ABBREVIATIONS:**

PIP	PROTECT IN PLACE
(E)	EXISTING
(N)	NEW
FT	FEET

**LEGEND:**

	PROPERTY LINE
	PROJECT LIMITS
	(E) CONTOUR, MAJOR
	(E) CONTOUR, MINOR
	(N) CONTOUR, MAJOR
	(N) CONTOUR, MINOR
	GRADING LIMITS
	(E) FENCE
	66" OUTFALL
	BEACH BENCH
	DRIFTWOOD

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

**REVIEWED:** PARK ENGINEER DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW, STE. 200 SEATTLE, WA 98107 OFFICE - 206.789.9658 WWW.ESASSOC.COM

**30% PRELIMINARY NOT FOR CONSTRUCTION**

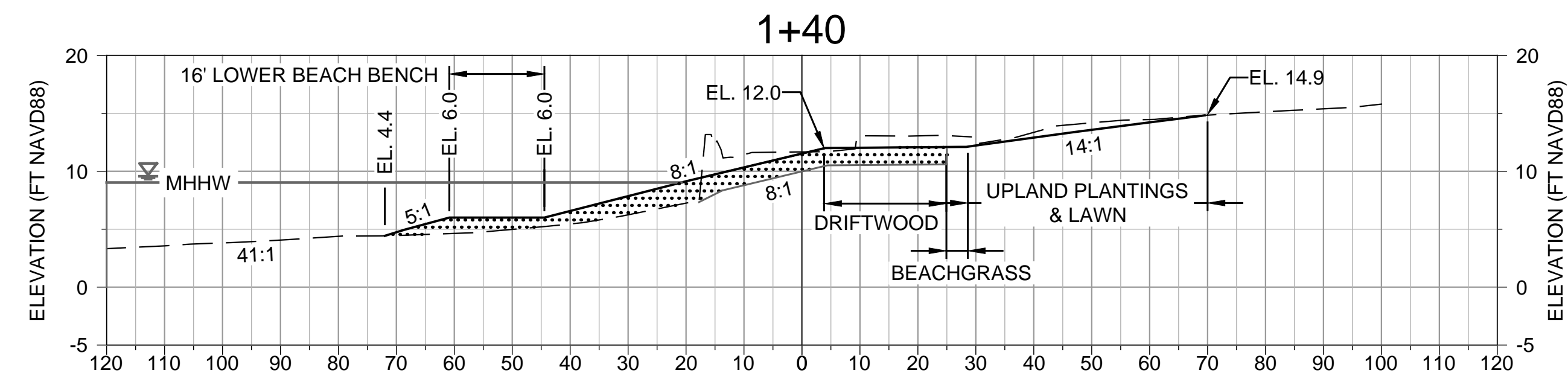
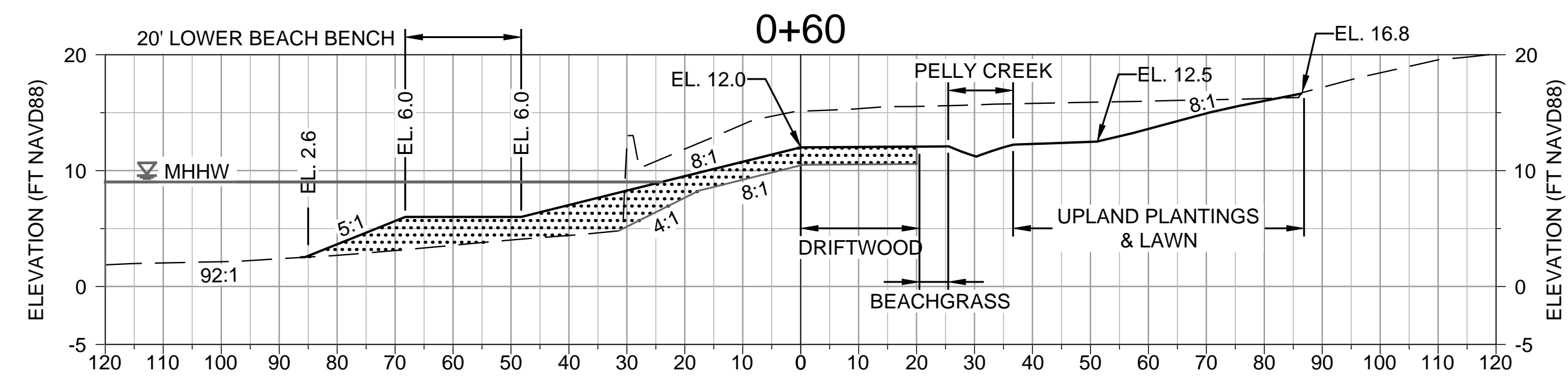
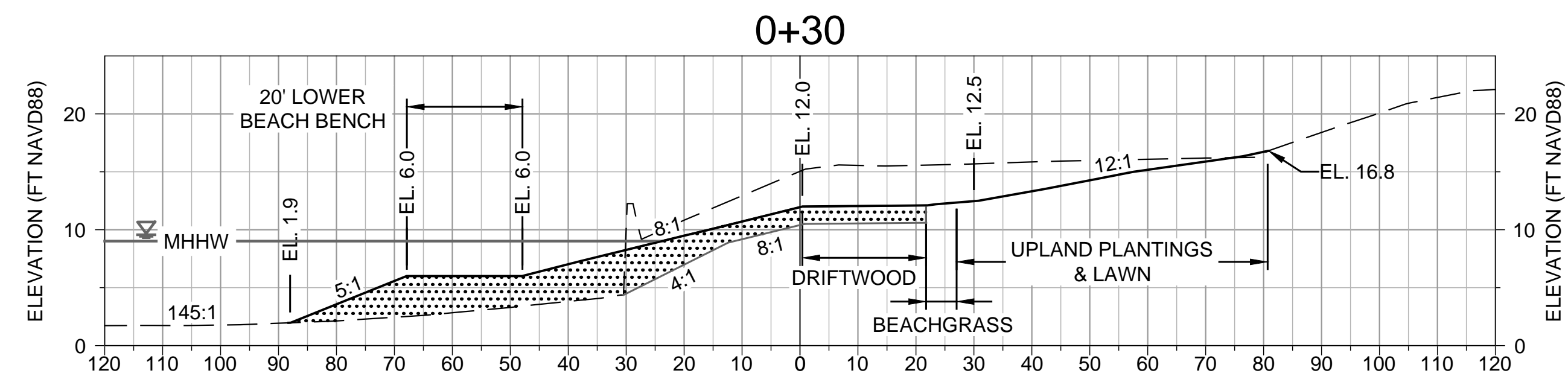
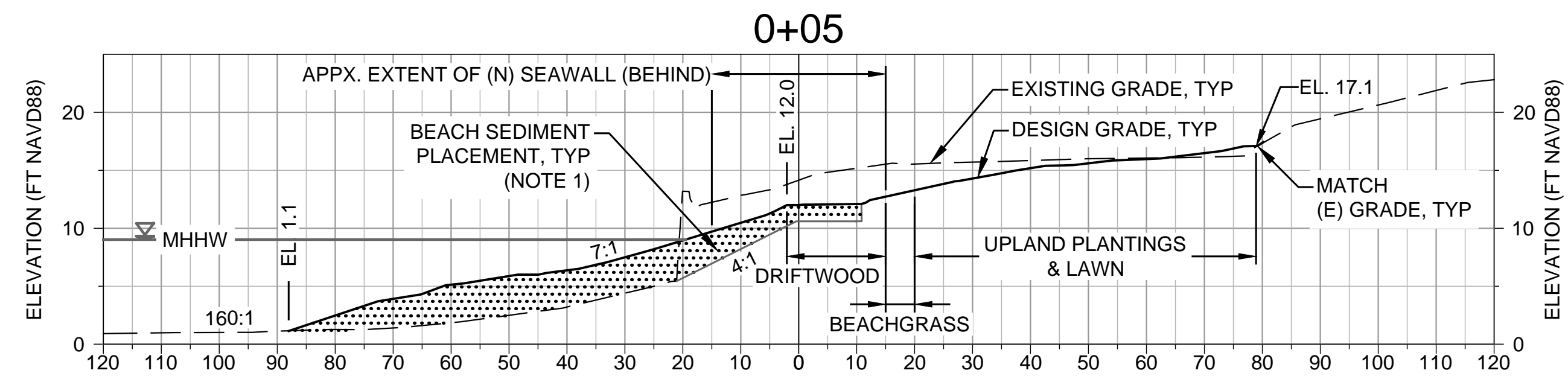


**LOWMAN BEACH PARK**  
**LOWMAN BEACH PARK SHORELINE RESTORATION**  
**BEACH GRADING PLAN**

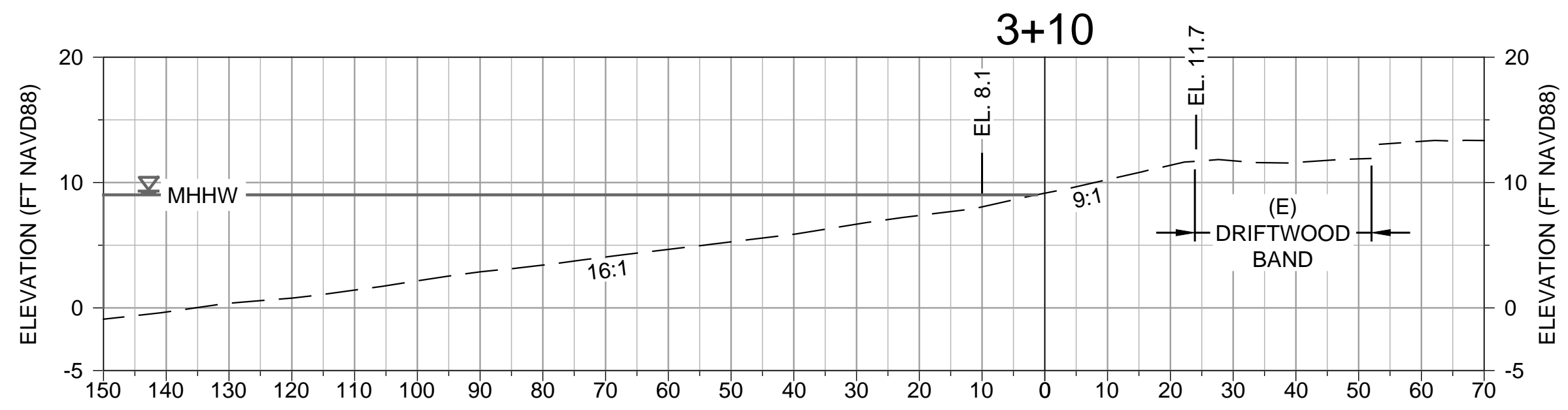
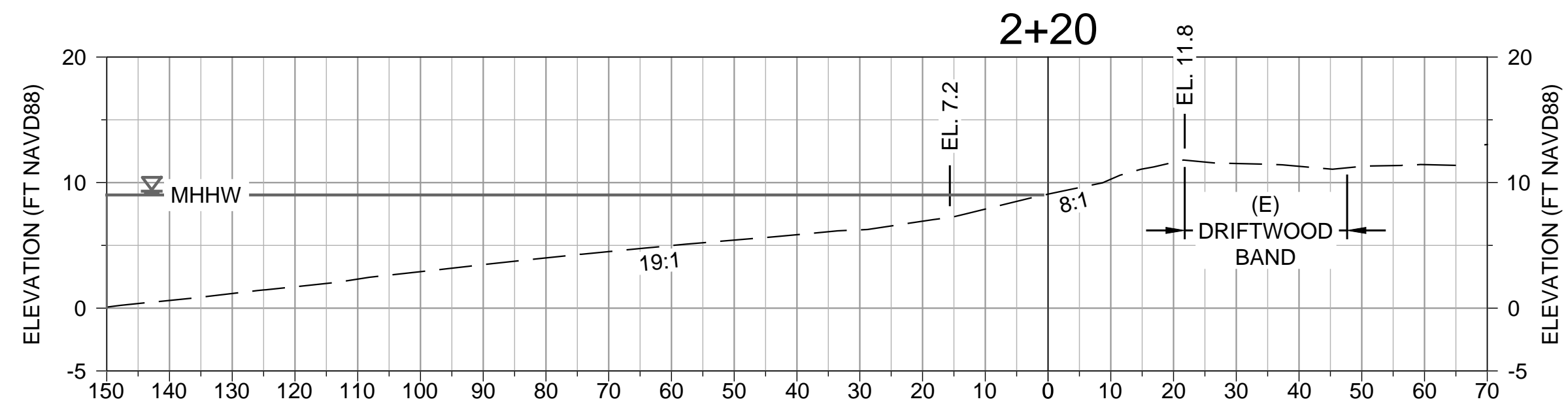
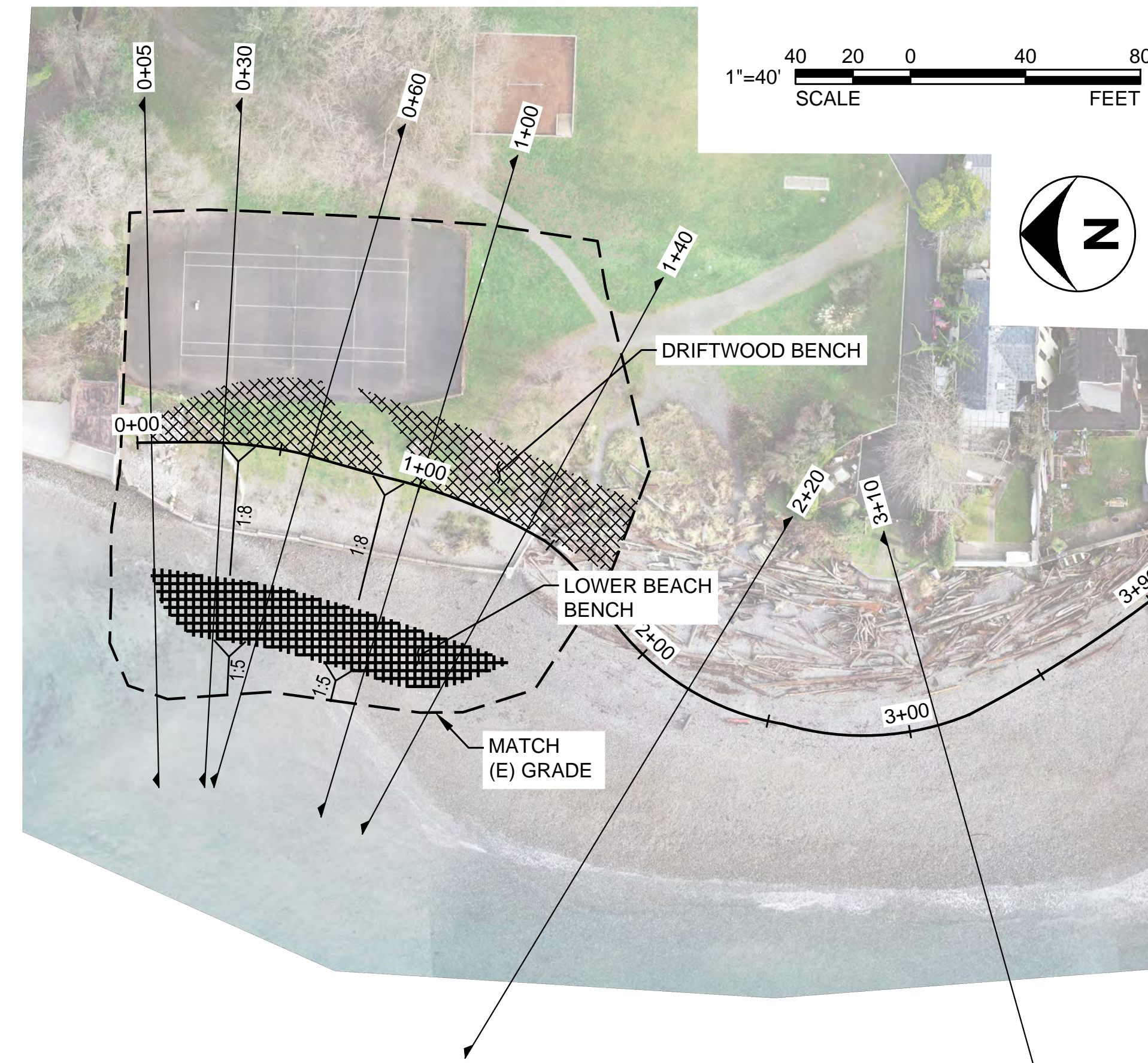
DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 8 OF 19
CHECKED BTB	<b>C2</b>
ORDINANCE NO. X	
SPECIFICATION NO. X	
SCALE AS NOTED	



PLOT DATE: 2/15/2019 6:54:09 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfo-llh01\Projects\SEA\1\bxwx\1\020292.00 Lowman Beach Park\08\_CAD\Drawings\4 BEACH GRADING SECTIONS.dwg



**BEACH GRADING SECTIONS**  
 SECTIONS SCALE: 1" = 20'



**REFERENCE BEACH**  
 SECTIONS SCALE: 1" = 20'

**>>>>CAUTION - CALL 811<<<<**  
**UTILITY NOTIFICATION CENTER**  
**BEFORE YOU DIG!**  
**WWW.CALL811.COM**

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

**NOTES:**

- OVER-EXCAVATE AT LEAST 3 FT BELOW DESIGN GRADE FOR PLACEMENT OF BEACH SEDIMENT

**ABBREVIATIONS:**

MHHW MEAN HIGHER HIGH WATER  
 (E) EXISTING  
 FT FEET

**LEGEND:**

- WATER SURFACE ELEVATION
- - - (E) GRADE, SECTION
- (N) GRADE, SECTION
- - - GRADING LIMITS
- - - - - LOWER BEACH BENCH
- DRIFTWOOD BENCH
- LOWER BEACH BENCH

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

**REVIEWED:** PARK ENGINEER DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW, STE. 200 SEATTLE, WA 98107 OFFICE - 206.789.9658 WWW.ESASSOC.COM

**30% PRELIMINARY**  
**NOT FOR CONSTRUCTION**

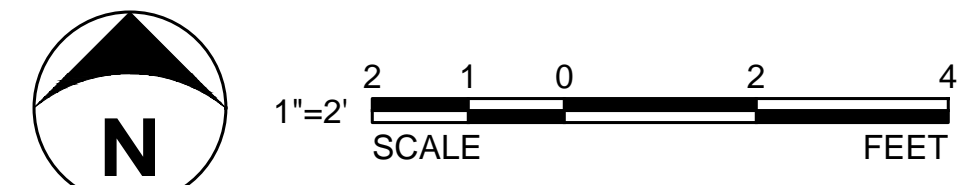
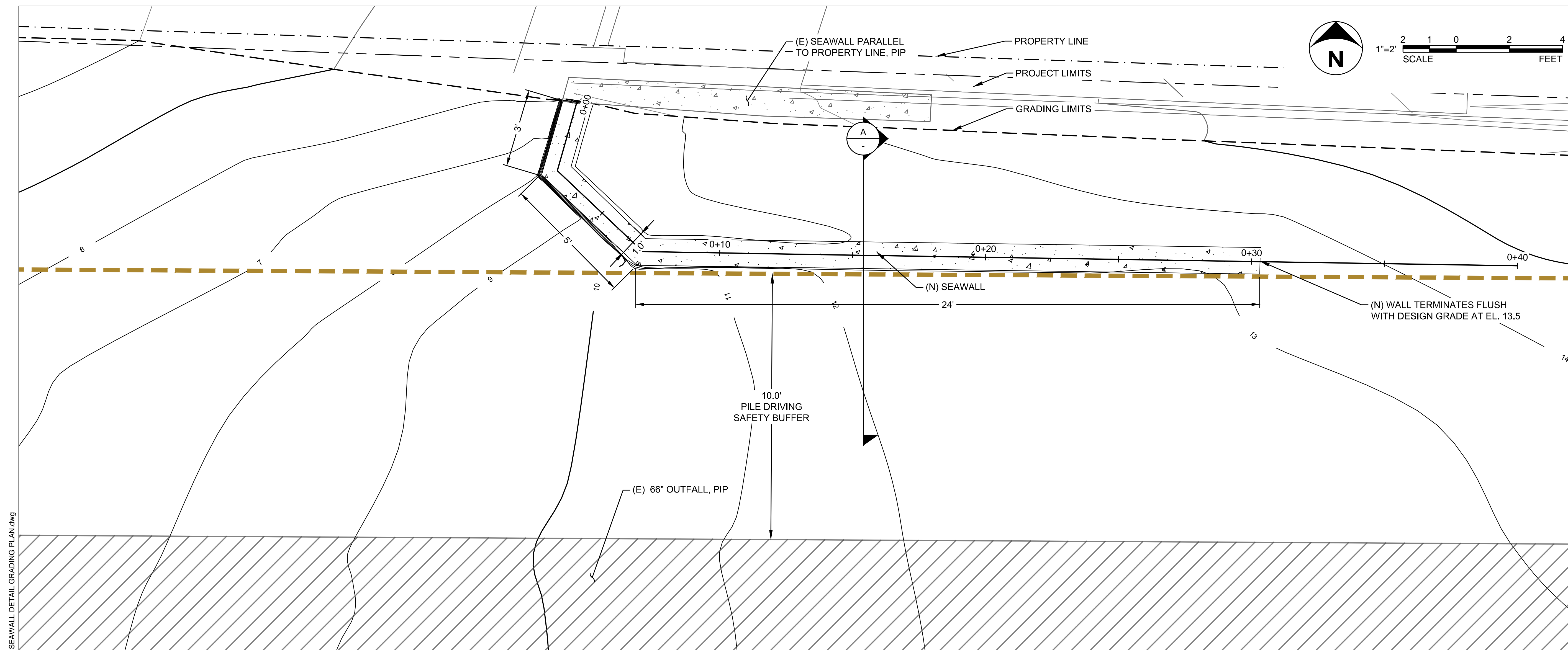


**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK SHORELINE RESTORATION**

**BEACH GRADING SECTIONS**

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 9 OF 19
CHECKED BTB	
ORDINANCE NO. X	<b>C3</b>
SPECIFICATION NO. X	
SCALE AS NOTED	



**>>>>CAUTION - CALL 811<<<<**  
**UTILITY NOTIFICATION CENTER**  
**BEFORE YOU DIG!**  
 WWW.CALL811.COM

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

**NOTES:**

1. XX

**ABBREVIATIONS:**

PIP PROTECT IN PLACE  
 (E) EXISTING  
 FT FEET

**LEGEND:**

- PROPERTY LINE
- - - PROJECT LIMITS
- 10 (E) CONTOUR, MAJ
- 10 (E) CONTOUR, MINC
- 10 (N) CONTOUR, MAJ
- 10 (N) CONTOUR, MINC
- - - GRADING LIMITS
- - - (E) FENCE
- 66" 66" OUTFALL
- BUFFER

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

**REVIEWED:** PARK ENGINEER DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW,  
 STE. 200 SEATTLE, WA 98107  
 OFFICE - 206.789.9658  
 WWW.ESASSOC.COM

**30% PRELIMINARY**  
**NOT FOR CONSTRUCTION**

**Seattle Parks & Recreation**

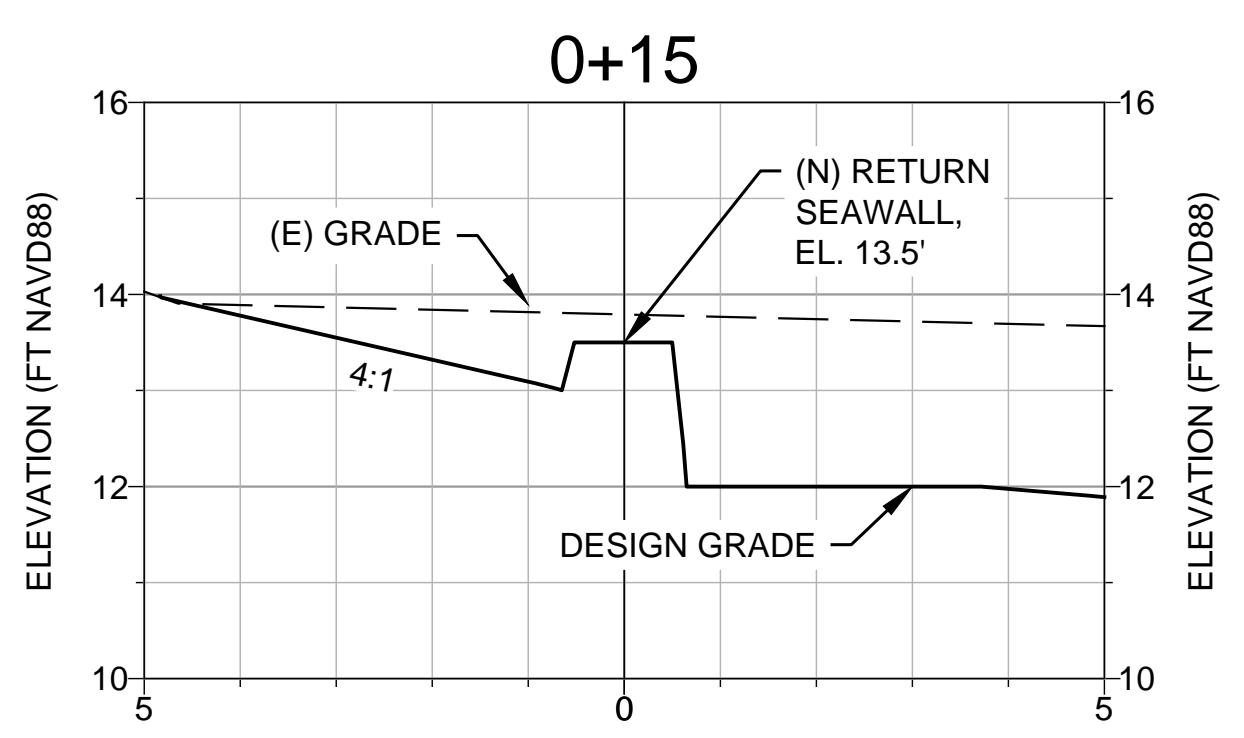
**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK SHORELINE RESTORATION**

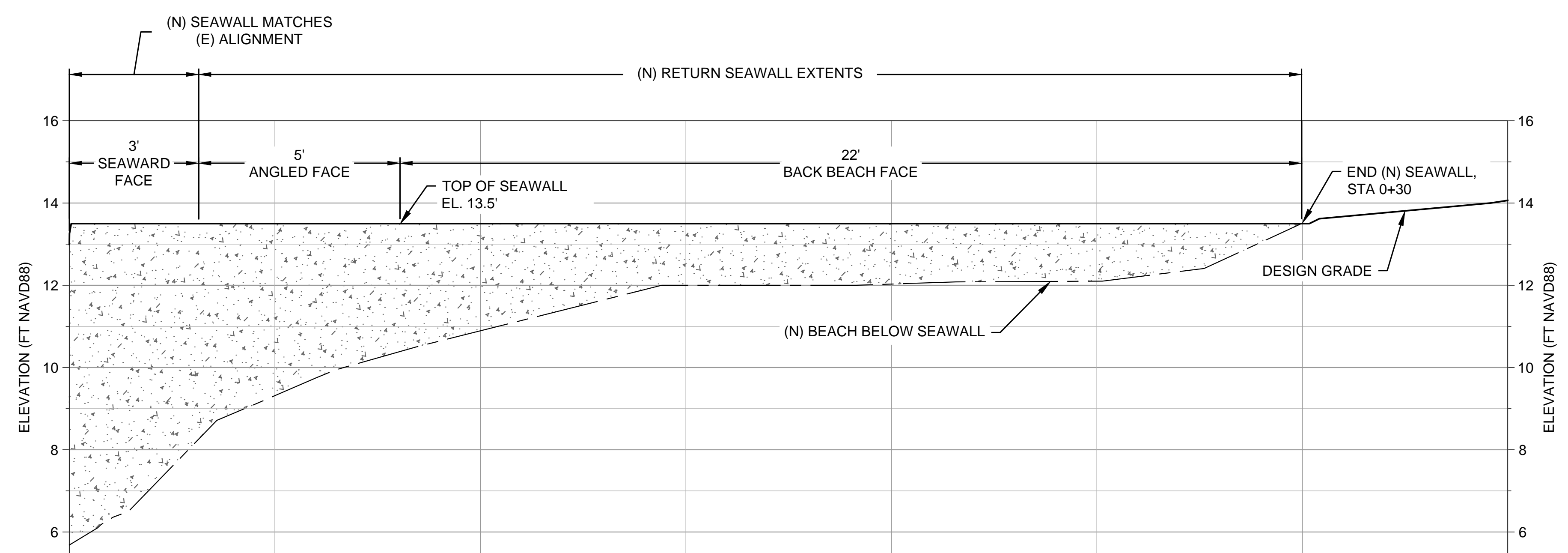
**SEAWALL PLAN**

DESIGNED PDG	DATE 02/15/2019
DRAWN HKS	SHEET 10 OF 19
CHECKED BTB	<b>C4</b>
ORDINANCE NO. X	
SPECIFICATION NO. X	
SCALE AS NOTED	

**RETURN SEAWALL**  
 DETAIL PLAN VIEW SCALE: 1" = 2'

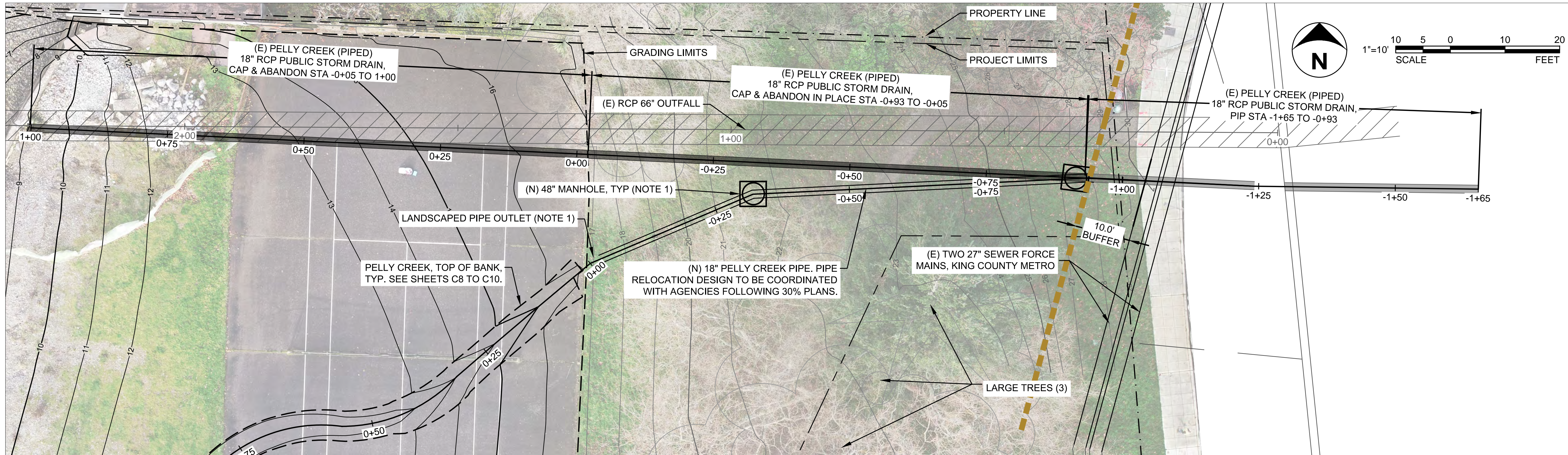


**A** TYPICAL SEAWALL SECTION  
 CROSS SECTION SCALE: 1" = 2'

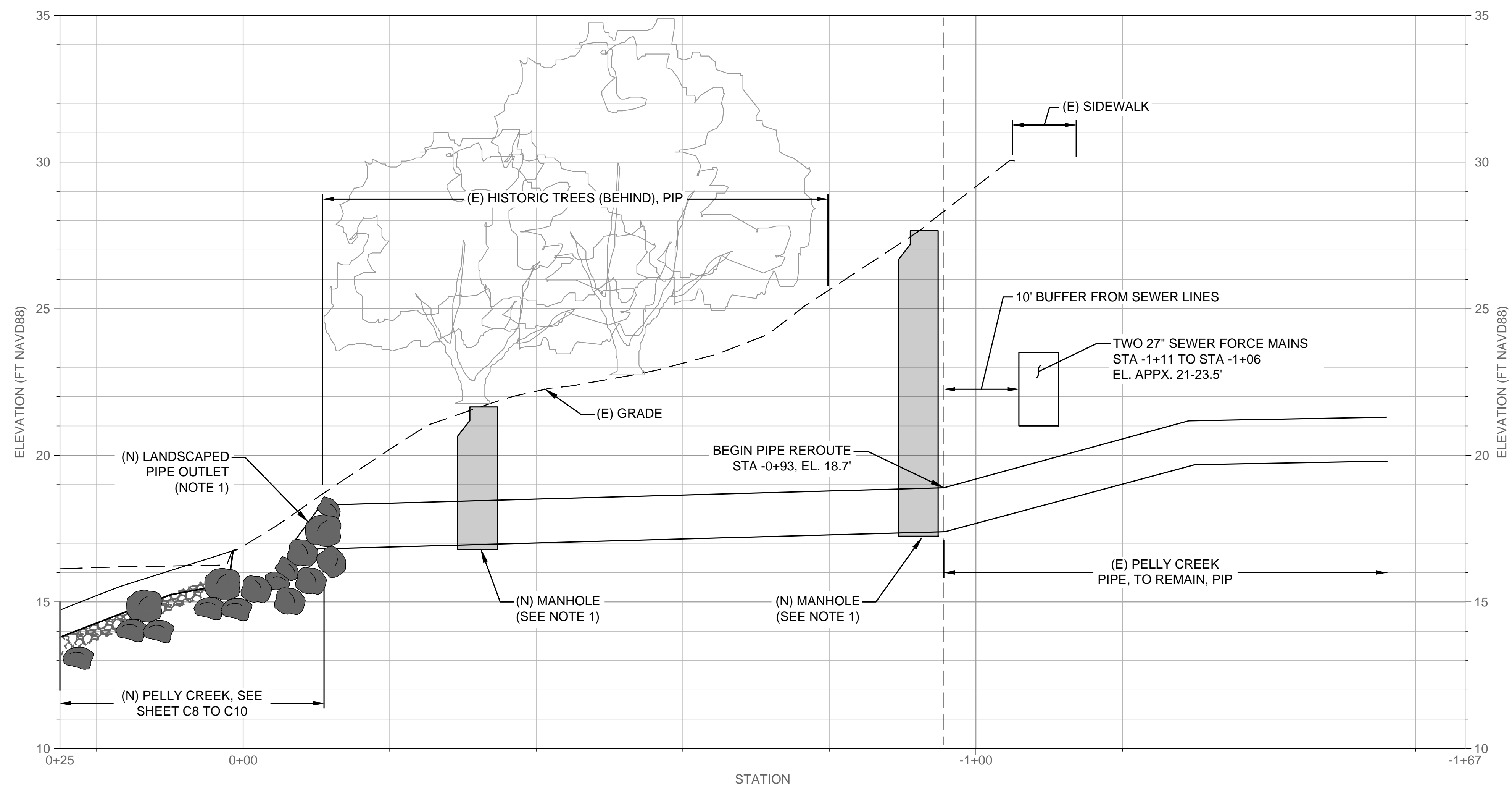


**RETURN SEAWALL ALIGNMENT**  
 PROFILE SCALE: 1" = 2'

PLOT DATE: 2/15/2019 6:54:30 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfo-file01\Projects\SEA\16xxxx\1620292.00 Lowman Beach Park\08\_CADD\dwg\CS SEAWALL DETAIL GRADING PLAN.dwg



**A** PELLY CREEK PIPE RELOCATION  
PLAN SCALE: 1" = 10'



**B** PELLY CREEK PIPE RELOCATION  
PROFILE HORIZ: 1" = 10'  
VERTICAL: 1" = 2.5'

**>>>>CAUTION - CALL 811<<<<**  
**UTILITY NOTIFICATION CENTER**  
**BEFORE YOU DIG!**  
**WWW.CALL811.COM**

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

**NOTES:**

- DESIGN TO BE DEVELOPED FOLLOWING 30% PLANS.

**ABBREVIATIONS:**

PIP	PROTECT IN PLACE
(E)	EXISTING
FT	FEET

**LEGEND:**

---	PROPERTY LINE
---	PROJECT LIMITS
10	(E) CONTOUR, MAJOR
10	(E) CONTOUR, MINOR
10	(N) CONTOUR, MAJOR
10	(N) CONTOUR, MINOR
---	GRADING LIMITS
---	66" OUTFALL
---	BUFFER

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

**REVIEWED:** PARK ENGINEER DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW, STE. 200 SEATTLE, WA 98107 OFFICE - 206.789.9658 WWW.ESASSOC.COM

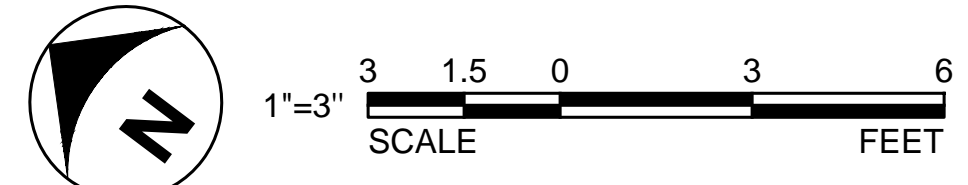
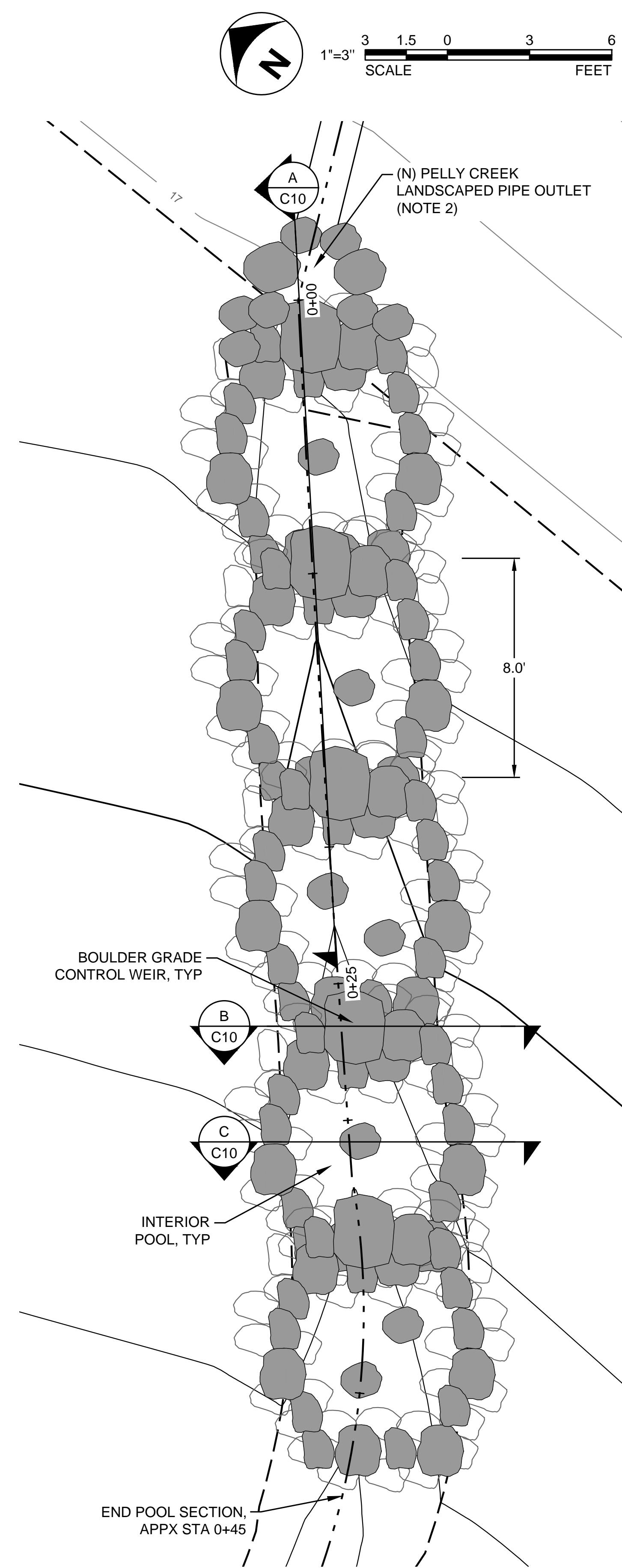
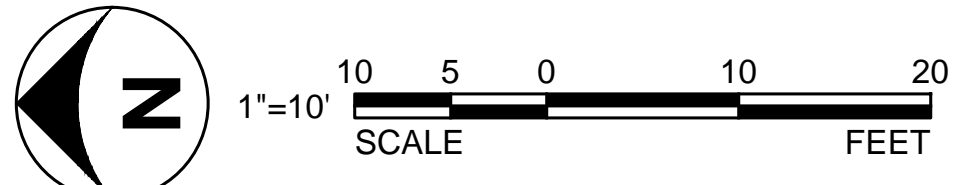
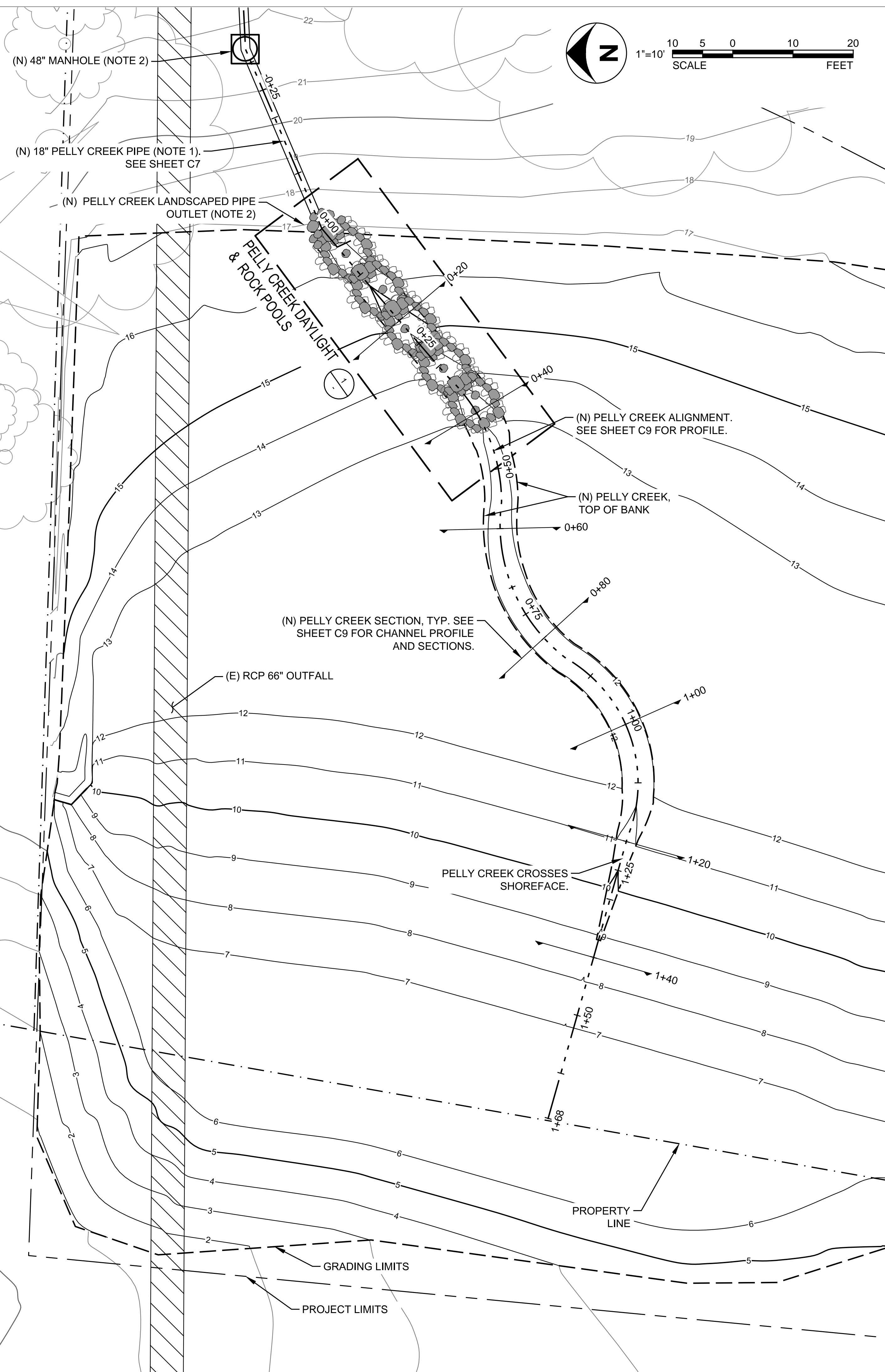
**30% PRELIMINARY NOT FOR CONSTRUCTION**



**LOWMAN BEACH PARK**  
**LOWMAN BEACH PARK SHORELINE RESTORATION**  
**PELLY CREEK PIPE RELOCATION**

DESIGNED PDQ	DATE 02/15/2019
DRAWN HKS	SHEET 13 OF 19
CHECKED BTB	<b>C7</b>
ORDINANCE NO. X	
SPECIFICATION NO. X	
SCALE AS NOTED	

PLOT DATE: 2/15/2019 6:55:08 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-fie01\Projects\SEA\16xxxx\160292.00 Lowman Beach Park\08\_CADD\Drawings\08\_PELLY CREEK PLAN.dwg



1 PELLY CREEK DAYLIGHTING & ROCK POOLS  
- DETAIL PLAN SCALE: 1" = 3'

**>>>>CAUTION - CALL 811<<<<  
UTILITY NOTIFICATION CENTER  
BEFORE YOU DIG!  
WWW.CALL811.COM**

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

- NOTES:**
- PIPE RELOCATION DESIGN TO BE COORDINATED WITH AGENCIES FOLLOWING 30% PLANS.
  - DESIGN TO BE DEVELOPED FOLLOWING 30% PLANS.

- ABBREVIATIONS:**
- |      |                          |
|------|--------------------------|
| PIP  | PROTECT IN PLACE         |
| (E)  | EXISTING                 |
| (N)  | NEW                      |
| FT   | FEET                     |
| APPX | APPROXIMATE              |
| TYP  | TYPICAL                  |
| RCP  | REINFORCED CONCRETE PIPE |
| STA  | STATION                  |

- LEGEND:**
- |     |                    |
|-----|--------------------|
| --- | PROPERTY LINE      |
| --- | PROJECT LIMITS     |
| 10  | (E) CONTOUR, MAJOR |
| 10  | (E) CONTOUR, MINOR |
| 10  | (N) CONTOUR, MAJOR |
| 10  | (N) CONTOUR, MINOR |
| --- | GRADING LIMITS     |
| --- | (E) FENCE          |
| ▨   | 66" OUTFALL        |

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

**REVIEWED:** PARK ENGINEER DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW, STE. 200 SEATTLE, WA 98107 OFFICE - 206.789.9658 WWW.ESASSOC.COM

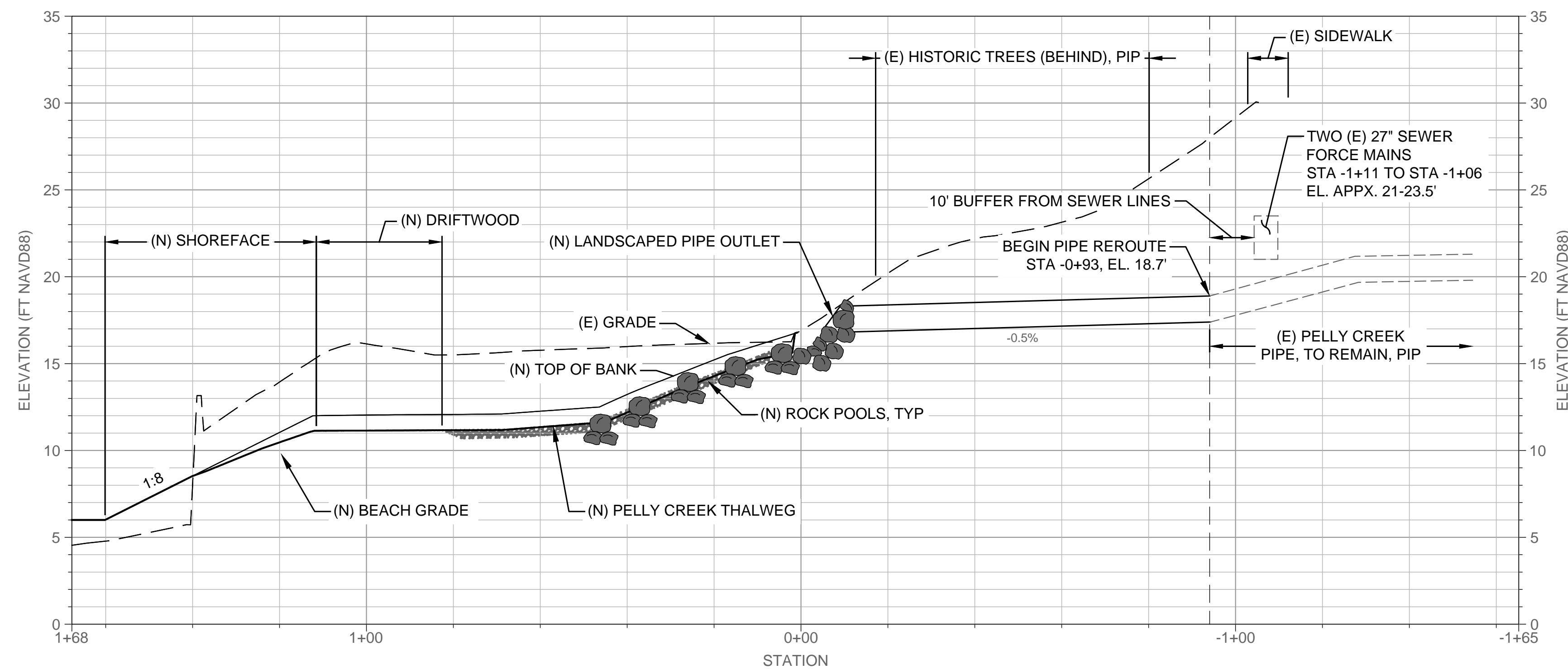
**30% PRELIMINARY  
NOT FOR CONSTRUCTION**



**LOWMAN BEACH PARK  
LOWMAN BEACH PARK  
SHORELINE RESTORATION  
PELLY CREEK PLAN**

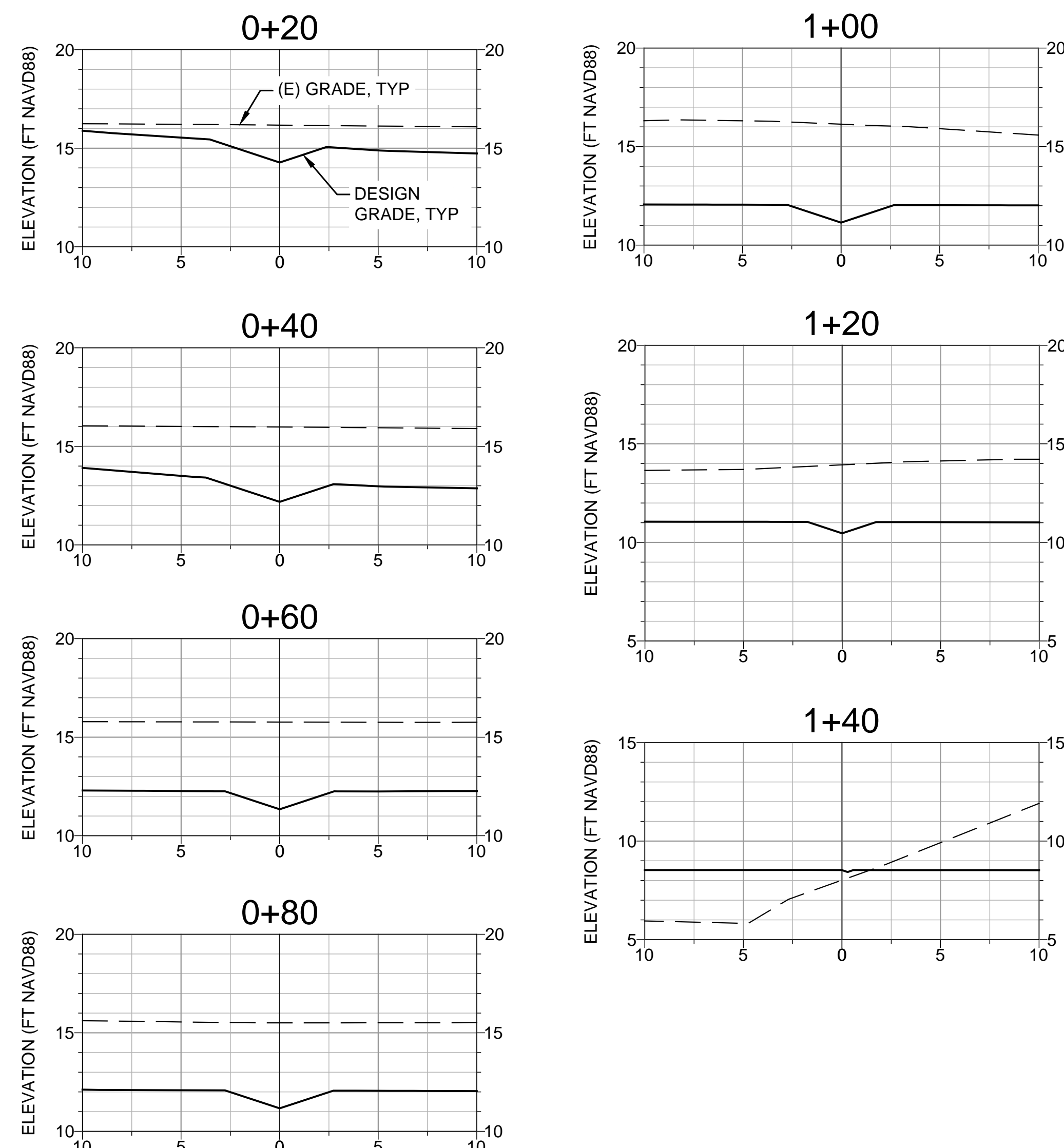
DESIGNED EB	DATE 02/15/2019
DRAWN HKS	SHEET 14 OF 19
CHECKED MP	<b>C8</b>
ORDINANCE NO. X	
SPECIFICATION NO. X	
SCALE AS NOTED	

PLOT DATE: 2/15/2019 6:55:18 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-file01\Projects\SEA\16xxxx\1760292.00 Lowman Beach Park\108\_CADD\Drawings\PELLEY CREEK PROFILE & SECTIONS.dwg



**PELLY CREEK DAYLIGHTING**

PROFILE  
HORIZ.: 1" = 20'  
VERT.: 1" = 5'



**PELLY CREEK GRADING SECTIONS**

SECTIONS  
SCALE: 1" = 5'

**>>>>CAUTION - CALL 811<<<<  
UTILITY NOTIFICATION CENTER  
BEFORE YOU DIG!**

**WWW.CALL811.COM**

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

**NOTES:**

- PIPE RELOCATION DESIGN TO BE COORDINATED WITH AGENCIES FOLLOWING 30% PLANS.

**ABBREVIATIONS:**

PIP	PROTECT IN PLACE
(E)	EXISTING
(N)	NEW
FT	FEET
RCP	REINFORCED CONCRETE PIPE
TYP	TYPICAL
STA	STATION

**LEGEND:**

3		
2		
1		
NO.	REVISION - AS BUILT	DATE

REVIEWED:                      PARK ENGINEER                      DATE

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW,  
STE. 200  
SEATTLE, WA 98107  
OFFICE - 206.789.9658  
WWW.ESASSOC.COM

**30% PRELIMINARY  
NOT FOR CONSTRUCTION**



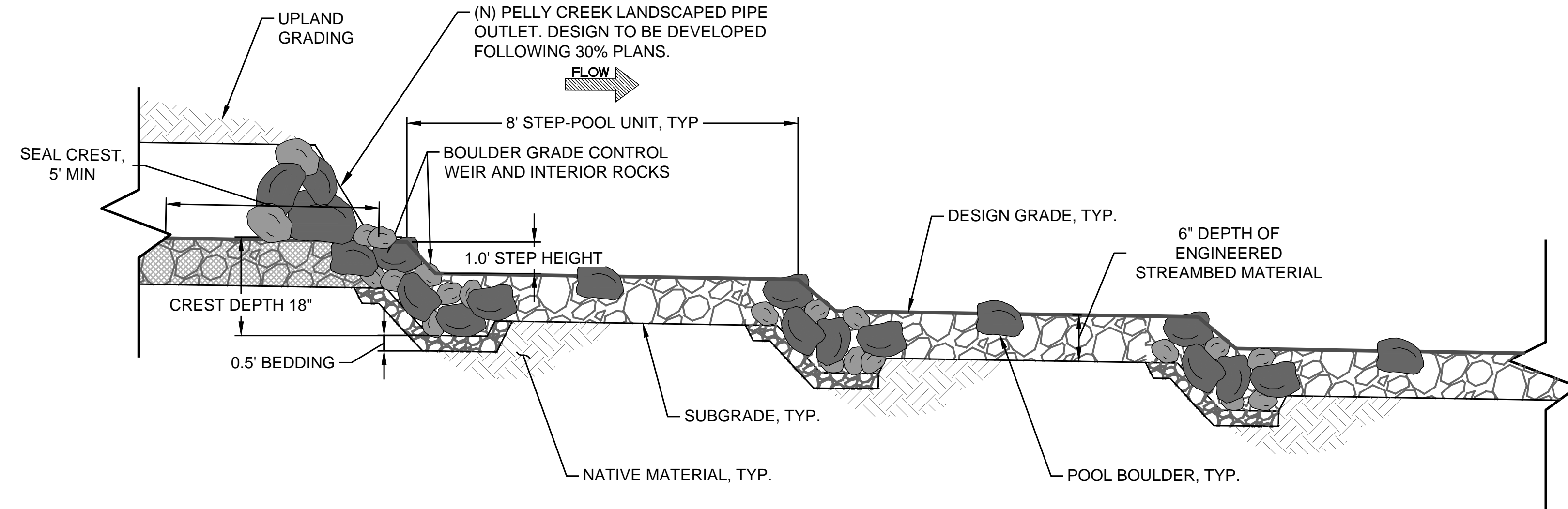
**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK  
SHORELINE RESTORATION**

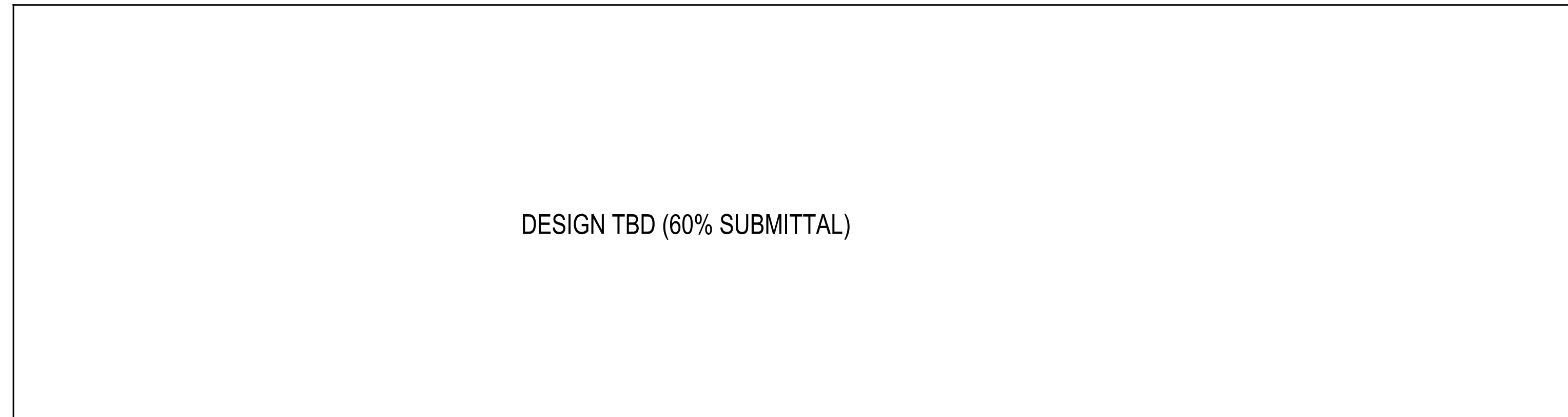
**PELLY CREEK PROFILE & SECTIONS**

DESIGNED	ESB	DATE	02/15/2019
DRAWN	HKS		
CHECKED	MJP	SHEET	15 OF 19
ORDINANCE NO.	X		<b>C9</b>
SPECIFICATION NO.	X		
SCALE	AS NOTED		

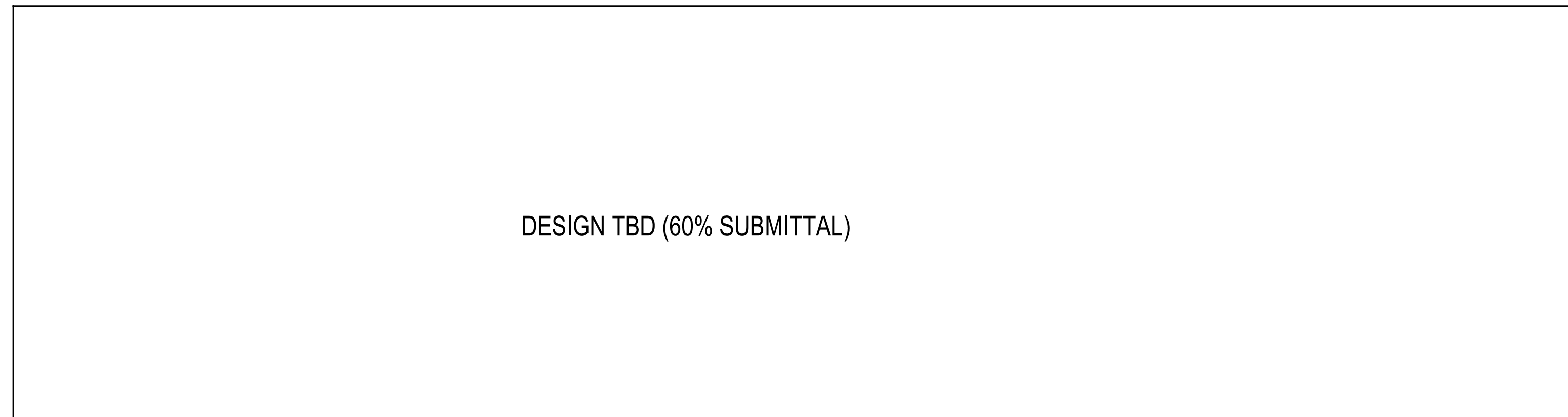
PLOT DATE: 2/15/2019 6:55:23 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-filed\1\Projects\SEA\16\xxx\1\60292.00 Lowman Beach Park\108\_CADD\Drawings\10 Pelly Creek Details.dwg



**A** PELLY CREEK STEP POOLS  
C8 DETAIL NTS



**B** TYPICAL BOULDER WEIR (60%)  
C8 DETAIL NTS



**C** TYPICAL POOL (60%)  
C8 DETAIL NTS

**>>>>CAUTION - CALL 811<<<<  
UTILITY NOTIFICATION CENTER  
BEFORE YOU DIG!**

**WWW.CALL811.COM**

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**NOTES:**

- XX

**ABBREVIATIONS:**

PIP	PROTECT IN PLACE
(E)	EXISTING
(N)	NEW
FT	FEET
RCP	REINFORCED CONCRETE PIPE
TYP	TYPICAL
STA	STATION

**LEGEND:**

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

**REVIEWED:** \_\_\_\_\_ DATE \_\_\_\_\_  
PARK ENGINEER

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

**ESA** 5309 SHILSHOLE AVE. NW, STE. 200  
SEATTLE, WA 98107  
OFFICE - 206.789.9658  
WWW.ESASSOC.COM

**30% PRELIMINARY  
NOT FOR CONSTRUCTION**

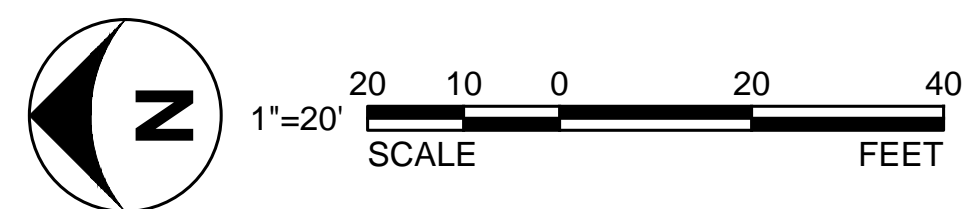


**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK  
SHORELINE RESTORATION**

**PELLY CREEK DETAILS**

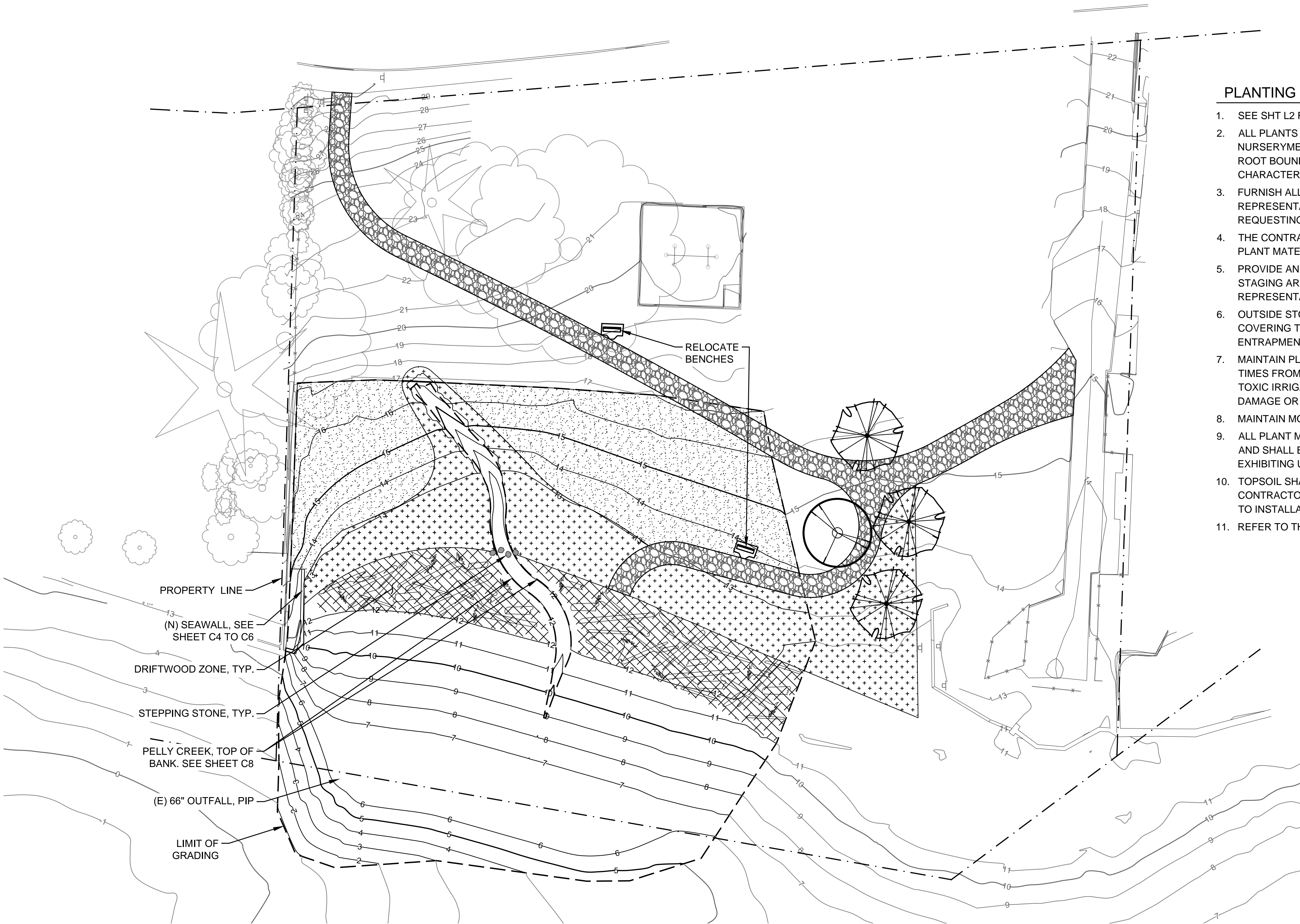
DESIGNED X	DATE 02/15/2019
DRAWN X	
CHECKED JGR	SHEET 16 OF 19
ORDINANCE NO. X	<b>C10</b>
SPECIFICATION NO. X	
SCALE AS NOTED	



>>>>CAUTION - CALL 811<<<<  
 UTILITY NOTIFICATION CENTER  
 BEFORE YOU DIG!  
 WWW.CALL811.COM

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.

PLOT DATE: 2/15/2019 6:55:36 PM PLOTTED BY: PABLO QUIROGA FILE NAME: \\sfb-fieho1\Projects\SEA\16000\CD\160292.00 Lowman Beach Park\08\_CADD\Drawings\LANDSCAPE PLAN.dwg



**PLANTING NOTES:**

1. SEE SHT L2 FOR PLANTING SCHEDULE AND DETAILS.
2. ALL PLANTS SELECTED SHALL BE CONSISTENT WITH CURRENT AMERICAN NURSERYMEN'S STANDARDS. ANY PLANTS THAT ARE DISEASED, DEFORMED, ROOT BOUND, POORLY SHAPED OR DEFICIENT OF HEALTHY CHARACTERISTICS SHALL NOT BE ACCEPTED.
3. FURNISH ALL PLANTING MATERIALS. PROVIDE THE OWNER'S REPRESENTATIVE A MINIMUM OF 15 DAYS ADVANCE NOTICE WHEN REQUESTING PLANT MATERIAL DELIVERY TO THE PROJECT SITE.
4. THE CONTRACTOR IS RESPONSIBLE FOR HANDLING AND STORAGE OF ALL PLANT MATERIALS THROUGHOUT THE CONTRACT PERIOD.
5. PROVIDE AN ONSITE STORAGE SITE FOR THE PLANT MATERIALS AT THE STAGING AREAS SHOWN ON SHT G4, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
6. OUTSIDE STORAGE SHALL BE SHADED AND PROTECTED FROM WIND WITH A COVERING THAT ALLOWS AIR CIRCULATION AND MINIMIZES HEAT ENTRAPMENT.
7. MAINTAIN PLANT MATERIALS IN OPTIMAL HEALTH AND PROTECT AT ALL TIMES FROM ANIMALS, VANDALISM, SUNBURN, DROUGHT, WIND, FROST, TOXIC IRRIGATION WATER, OR ANY OTHER CONDITIONS THAT WOULD DAMAGE OR REDUCE THE VIABILITY OF THE PLANT MATERIALS.
8. MAINTAIN MOISTURE OF PLANT MATERIALS AT ALL TIMES BEFORE PLANTING.
9. ALL PLANT MATERIAL SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR AND SHALL BE IN A HEALTHY CONDITION AT THAT TIME. ALL PLANTS DEAD OR EXHIBITING UNHEALTHY CHARACTERISTICS SHALL NOT BE ACCEPTED.
10. TOPSOIL SHALL BE FREE OF NOXIOUS WEEDS AND WEED SEEDS. CONTRACTOR SHALL GUARANTEE THAT WEEDS HAVE BEEN REMOVED PRIOR TO INSTALLATION.
11. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**LEGEND**

- GRAVEL TRAIL
- BEACH REVEGETATION
- LAWN
- PACIFIC MADRONE - *ARBUTUS MENZIESII*
- SHORE PINE - *PINUS CONTORTA V. CONTORTA*

NO.	REVISION - AS BUILT	DATE
3		
2		
1		

REVIEWED: \_\_\_\_\_ DATE \_\_\_\_\_  
 PARK ENGINEER

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

5309 SHILSHOLE AVE. NW, STE. 200  
 SEATTLE, WA 98107  
 OFFICE - 206.789.9658  
 WWW.ESASSOC.COM

**30% PRELIMINARY  
 NOT FOR CONSTRUCTION**

**LOWMAN BEACH PARK**

**LOWMAN BEACH PARK  
 SHORELINE RESTORATION**

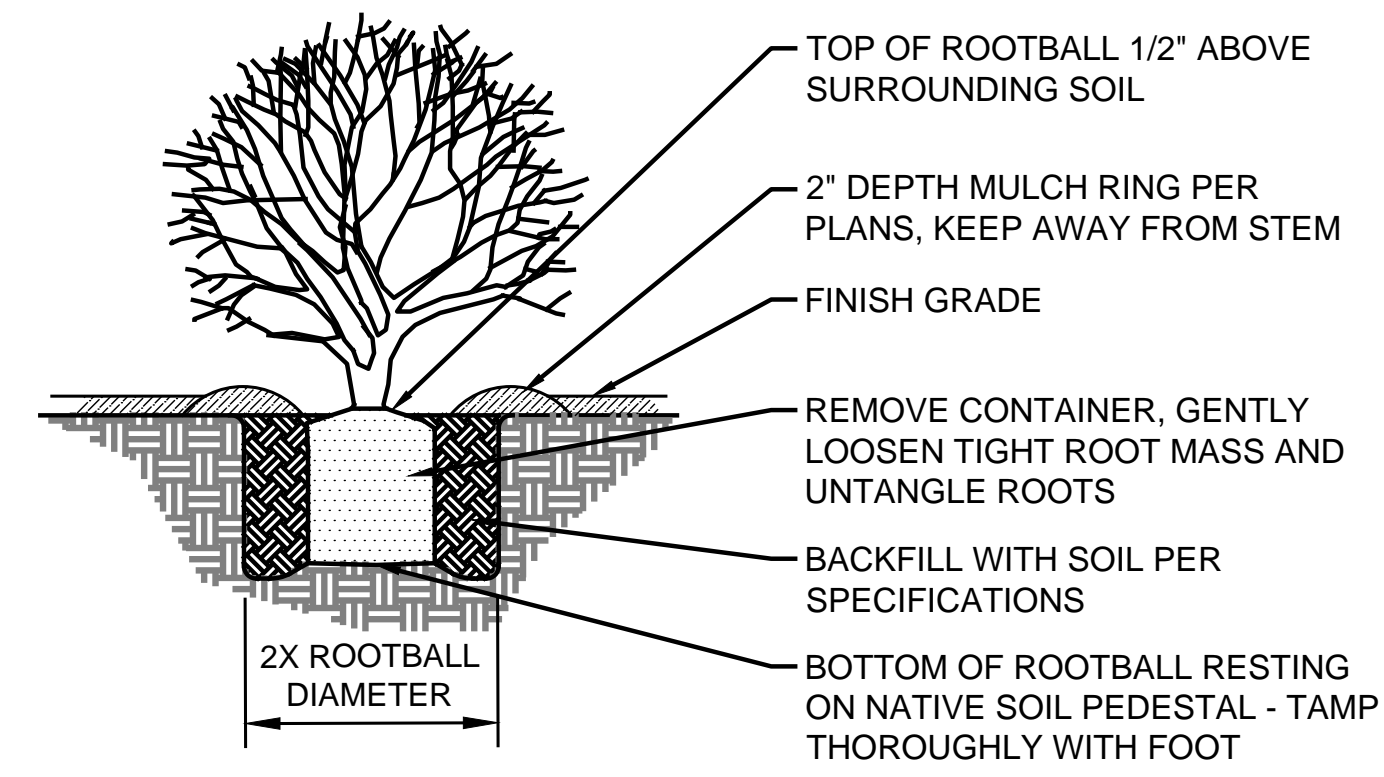
**LANDSCAPE PLAN**

DESIGNED	ABG	DATE	02/15/2019
DRAWN	RDG	SHEET	18 OF 19
CHECKED	SAR		
ORDINANCE NO.	X		L1
SPECIFICATION NO.	X		
SCALE	AS NOTED		

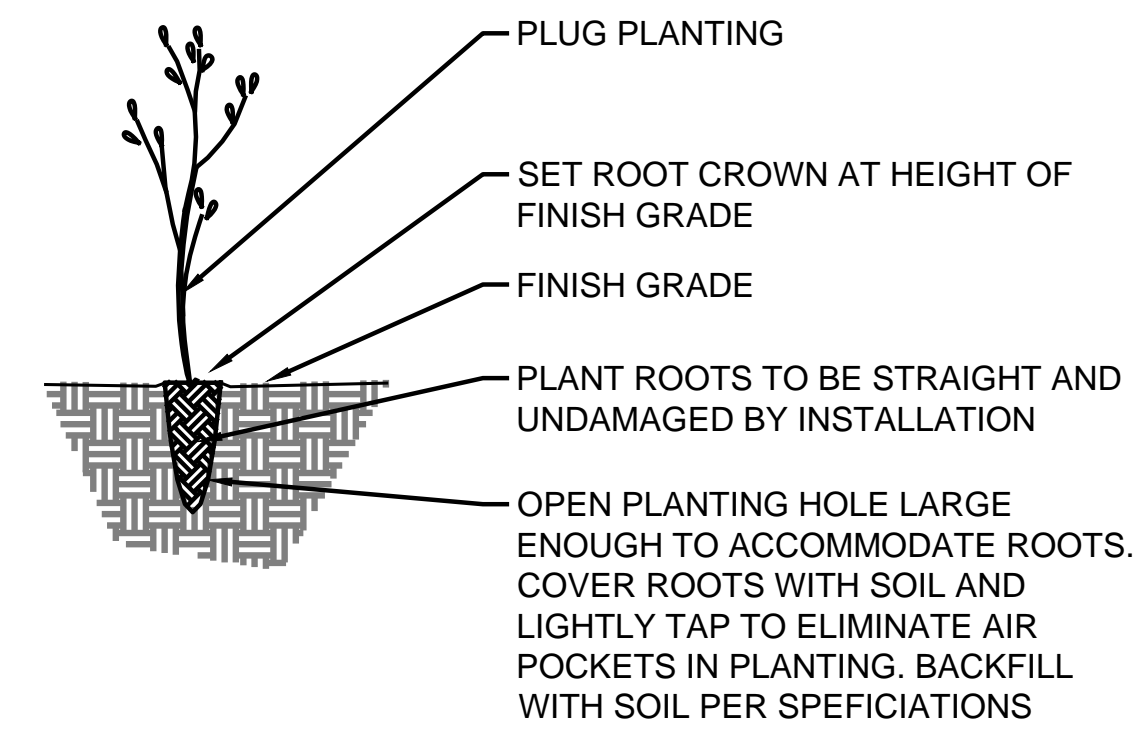
>>>>CAUTION - CALL 811<<<<  
 UTILITY NOTIFICATION CENTER  
 BEFORE YOU DIG!

WWW.CALL811.COM

Also, verify all underground utilities not located by the 811 service by using a commercial location service and call SPR Inspection Request Line (206) 684-7034.



1 CONTAINER PLANTING  
 - DETAIL NOT TO SCALE



2 PLUG PLANTING  
 - DETAIL NOT TO SCALE

3		
2		
1		
NO.	REVISION - AS BUILT	DATE

REVIEWED: \_\_\_\_\_ DATE \_\_\_\_\_  
 PARK ENGINEER

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**Seattle Parks & Recreation**

LOWMAN BEACH PARK

LOWMAN BEACH PARK  
 SHORELINE RESTORATION

LANDSCAPE SCHEDULE & DETAILS

DESIGNED ABG	DATE 02/15/2019
DRAWN RDG	
CHECKED SAR	SHEET 19 OF 19
ORDINANCE NO. X	L2
SPECIFICATION NO. X	
SCALE AS NOTED	

PLANTING MIX A - BEACH REVEGETATION (5,855 SF)						
SYMBOL	TYPE	SCIENTIFIC NAME	COMMON NAME	INSTALL SIZE	SPACING OC	QUANTITY
	TREES	ARBUTUS MENZIESII	PACIFIC MADRONE	TBD	AS SHOWN	1
		PINUS CONTORTA V. CONTORTA	SHORE PINE	TBD	AS SHOWN	3
	GROUNDCOVER	DISTICHLIS SPICATA	SALTGRASS	PLUG	30" OC	325
		FRAGARIA CHILOENSIS	BEACH STRAWBERRY	PLUG	30" OC	108
		LEYMUS MOLLIS	AMERICAN DUNEGRASS	PLUG	30" OC	433
		PLANTAGO MARITIMA	SEA PLANTAIN	PLUG	30" OC	217
SOIL AMENDMENTS		INSTALL 6" TOPSOIL (TYPE TO BE DETERMINED) IN TREE AND GROUNDCOVER PLANTING AREAS ONLY. INSTALL 3" DEEP LAYER OF FINE COMPOST AND TILL INTO NATIVE SOIL TO A DEPTH OF 8" IN LAWN AREA ONLY.				
MULCH		INSTALL 3' DIAMETER, 3" DEPTH MULCH RING AT EACH TREE AND SHRUB				

FILE NAME: \\sfb-fie01\Projects\SEA\16xxx\0160292.00 Lowman Beach Park\08\_CADD\ngs\L2\_LANDSCAPE SCHEDULE & DETAILS.dwg PLOT DATE: 2/15/2019 6:55:44 PM PLOTTED BY: PABLO QUIROGA