

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	A1	
			CDS ROUTE:	MILEPOINT:	TO		

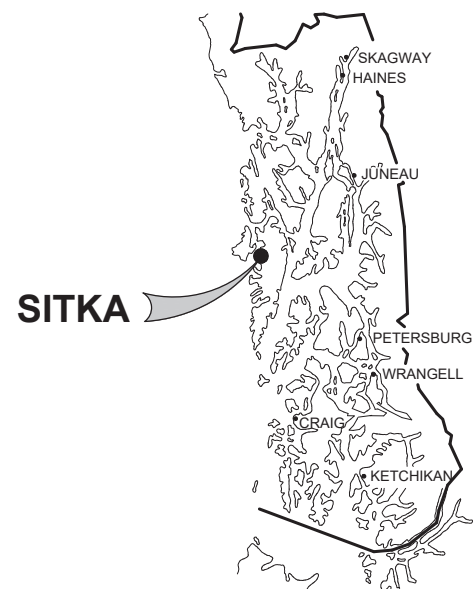
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT  
SFWHY00312 / AK SIT 2017(1)  
SITKA SEAWALK PHASE II  
GRADING, DRAINAGE, PAVING, PEDESTRIAN  
IMPROVEMENTS, LANDSCAPING AND ILLUMINATION

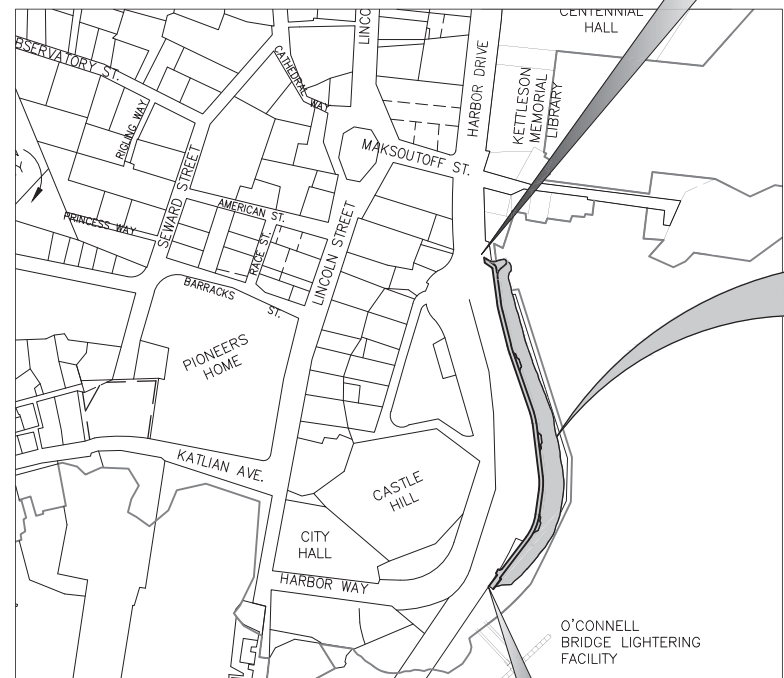


LOCATION MAP

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	GENERAL NOTES, LEGEND AND ABBREVIATIONS
A3	SURVEY CONTROL AND SHEET LAYOUT
A4	EXISTING CONDITIONS PLAN
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES AND SUMMARY TABLES
E1	STORM DRAIN DETAILS
E2	MISCELLANEOUS DETAILS
F1	OVERALL SITE PLAN
F2	SITE PLAN - BOP TO STA. 8+00.00
F3	SITE PLAN - STA. 8+00.00 TO EOP
G1	LOOKOUT NODE GRADING
G2	OVERLOOKS GRADING
G3	END OF PROJECT GRADING
H1	SITE PLAN - ELECTRICAL
H2	SITE PLAN - ELECTRICAL
H3	LIGHT POLE DETAILS
H4	TRENCH DETAIL & CONCRETE WALL SECTION
H5	LIGHTING LOAD CENTER DETAILS
L1	OVERALL LANDSCAPE PLAN
L2	SECTION 2A LANDSCAPE PLAN
L3	SECTION 2B LANDSCAPE PLAN
L4	LOOKOUT NODE
L5	OVERLOOK ENLARGEMENTS
L6	LANDSCAPE DETAILS
L7	LANDSCAPE DETAILS
Q1	EROSION AND SEDIMENT CONTROL PLAN



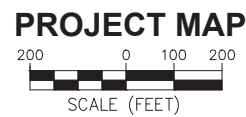
SOUTHEAST ALASKA



**PROJECT LOCATION**

BOP  
STA 4+00.00  
MATCH EXISTING  
BACK OF SIDEWALK

EOP  
STA 12+00.00  
MATCH EXISTING SIDEWALK



PROJECT SUMMARY	
WIDTH OF CONCRETE	8' MIN.
LENGTH OF GRADING	~800 LF
LENGTH OF CONCRETE	~800 LF
LENGTH OF PROJECT	~800 LF

LOREN GEHRING, P.E., PROJECT MANAGER

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
&  
PUBLIC FACILITIES

APPROVED BY: \_\_\_\_\_ DATE \_\_\_\_\_

Kirk Miller, P.E.  
Preconstruction Engineer, Southcoast Region  
ACCEPTED FOR CONSTRUCTION: \_\_\_\_\_ DATE \_\_\_\_\_

Christopher Goins, P.E., C.M.  
Regional Director, Southcoast Region

**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	A2	—

## GENERAL NOTES

- AKDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION ARE MADE PART OF THIS CONTRACT, DETAILS NOT SHOWN SHALL CONFORM THERETO w/ MODIFICATIONS SPECIFIED.
- PROPERTY DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITION OR BETTER AT NO ADDITIONAL COST TO THE OWNER.
- EXCEPT AT RIGHT-OF-WAY, PROPERTY LINE LOCATIONS USED IN THESE PLANS ARE DERIVED FROM RECORD PLATS AND DO NOT REPRESENT A BOUNDARY SURVEY.
- THE LOCATIONS AND ELEVATIONS OF EXISTING FEATURES AND UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE. UTILITIES SHOWN ARE TAKEN FROM EXISTING RECORDS AND OTHER SOURCES. ADDITIONAL UTILITIES MAY BE PRESENT HOWEVER ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS IN THE FIELD AS NECESSARY PRIOR TO BEGINNING WORK. THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD SHALL BE RECORDED ON THE CONTRACTOR'S RECORD DRAWINGS. CONTACT LOCAL UTILITIES AT THE FOLLOWING NUMBERS FOR LOCATE SERVICE A MINIMUM OF TWO BUSINESS DAYS PRIOR TO ANY EXCAVATION:  

CABLE:	GCI	811
WATER AND SEWER:	CBS ENVIRONMENTAL DIVISION	747-4060
ELECTRIC:	CBS ELECTRIC DEPARTMENT	747-1884
- PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. NO ASSURANCE IS GIVEN THAT THE INDICATED POSITION OF ANY EXISTING UTILITY IS CORRECT OR THAT THE INFORMATION IS COMPLETE. ALL LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE CORRECT AND TRUE LOCATION AS TO AVOID DAMAGE OR DISTURBANCE. DAMAGE TO EXISTING SITE FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- OVERHEAD UTILITIES INCLUDING ELECTRICAL POWER, TELEPHONE, CABLE TV, AND OTHER OVERHEAD LINES ARE GENERALLY NOT SHOWN, THE LINES THAT ARE SHOWN ARE LOCATED BY POINT-TO-POINT, POLE-TO-POLE. DETERMINE THE EXTENT OF HAZARDS OR IMPACTS ON CONSTRUCTION ACTIVITIES CREATED BY OVERHEAD OR UNDERGROUND LINES IN ALL AREAS AND FOLLOW PROCEDURES DURING CONSTRUCTION AS REQUIRED BY LAW. PRIOR TO CONSTRUCTION, MEET WITH UTILITY OWNERS TO DETERMINE THE EXTENT OF HAZARDS AND TAKE PRECAUTIONS AS REQUIRED TO PROTECT PERSONS AND PROPERTY AND TO AVOID DISRUPTION OF SERVICE.
- CONTRACTOR SHALL COORDINATE WITH ALASKA PACIFIC ENVIRONMENTAL SERVICES (747-5669) TO ENSURE GARBAGE PICKUP, AND SHALL ENSURE DAILY MAIL SERVICE WILL BE UNINTERRUPTED TO ALL BUSINESSES AND RESIDENCES AFFECTED BY THE PROJECT.
- THE CONTRACTOR SHALL NOTIFY CBS PUBLIC WORKS AND ALL AFFECTED RESIDENTS OF PROPOSED UTILITY SERVICE INTERRUPTIONS AT LEAST 72 HOURS PRIOR TO WORK.
- GRADING AND ALIGNMENT OF PIPE, STRUCTURES & FINAL SURFACING ARE SUBJECT TO MINOR REVISIONS BY THE ENGINEER TO FIT SITE CONDITIONS. GRADE ALL IMPROVEMENTS WITH POSITIVE DRAINAGE AWAY FROM BUILDINGS TO DITCHES, SWALES OR STORM DRAIN INLETS, (INCIDENTAL).
- THE DRAWINGS DO NOT NECESSARILY SHOW ALL TREES, BUSHES OR OTHER PLANTINGS THAT WILL BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES. NO TREES, BUSHES OR OTHER PLANTING SHALL BE DAMAGED OR REMOVED EXCEPT AS SHOWN OR APPROVED BY THE ENGINEER.
- ALL ITEMS DESIGNATED TO BE REMOVED, INCLUDING PAVEMENT, SHALL BE DISPOSED OF AT CONTRACTOR-PROVIDED DISPOSAL SITE, APPROVED BY THE ENGINEER, EXCEPT AS NOTED.
- CONTRACTOR SHALL REFERENCE ALL EXISTING PROPERTY CORNER MONUMENTS, RIGHT OF WAY MONUMENTS, AND CENTERLINE MONUMENTS PRIOR TO CONSTRUCTION. UNLESS NOTED OTHERWISE, DISTURBED MONUMENTS SHALL BE RESET OR REPLACED SUBSEQUENT TO PAVING EXCEPT WHERE MONUMENT WOULD BE A HAZARD AS DETERMINED BY THE ENGINEER. EXISTING SURVEY MONUMENTS MAY NOT BE SHOWN ON THE DRAWINGS. ALL WORK SHALL BE DONE BY, OR UNDER THE DIRECTION OF, AN ALASKA REGISTERED LAND SURVEYOR.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGES TO PRIVATE AND PUBLIC PROPERTY ASSOCIATED WITH THE CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO DAMAGES CAUSED BY COMPACTION EFFORTS.
- THE CONTRACTOR SHALL NOT STORE MATERIALS OR EQUIPMENT, OR OPERATE EQUIPMENT WITH ITS TRACKS OR WHEELS PLACED ON PRIVATE PROPERTY, WITHOUT THE WRITTEN APPROVAL OF THE PROPERTY OWNER.
- SIDEWALK, CURB & GUTTER SHALL BE REPLACED TO THE NEAREST EXISTING CONTROL JOINT.
- HORIZONTAL DIMENSIONS ON PLAN AND PROFILE SHEETS TO PIPELINES, MANHOLES, AND OTHER FACILITIES, ARE TO THE CENTERLINES OF THOSE FACILITIES UNLESS SPECIFICALLY NOTED OTHERWISE. PIPELINE LENGTHS ARE MEASURED HORIZONTALLY. (I.E. PLANAR - NOT CORRECTED FOR SLOPE)
- MATCH EXISTING GRADES AT PROJECT LIMITS AND WHERE REQUIRED TO MATCH ELEVATIONS AT EXISTING ROADS.

## LEGEND

EXISTING	THIS PROJECT	
		UNDERGROUND TELEPHONE
		WATER
		SANITARY SEWER
		STORM DRAIN
		GRADE BREAK
		PRIMARY MONUMENT
		CONTROL POINT
		BOREHOLE
		FENCE
		RECORD PROPERTY LINE
		RECORD EASEMENT
		TREE
		TREE LINE
		ROCK WALL (LANDSCAPE)
		BUSH
		GATE OR BUTTERFLY VALVE
		CURB STOP
		SEWER SERVICE
		SEWER CLEAN OUT
		SS MANHOLE
		SD MANHOLE, SOLID COVER
		CURB INLET, CB OR MH
		FIRE HYDRANT
		LIGHT/POWER POLE
		SIGN
		CONCRETE
		PAVEMENT
		CONCRETE SIDEWALK OR CURB AT DRIVEWAY
		GRASS
		DETECTABLE TILE
		HOUSE NUMBER
		BUILDING
		ARMORED SLOPE

## ABBREVIATIONS

<b>A</b>	AT	<b>H</b>	HDPE	HIGH DENSITY POLYETHYLENE	<b>R</b>	R	RADIUS
<b>@</b>	ANGLE POINT	<b>L</b>	I AW	IN ACCORDANCE WITH	<b>RAP</b>	RAP	RECYCLED ASPHALT PAVEMENT
<b>&lt;PT</b>	DIAMETER	<b>IE</b>	IE	INVERT ELEVATION	<b>REV</b>	REV	REVISION
<b>ø</b>	ADDITIVE	<b>INV</b>	INV	INVERT	<b>ROW</b>	ROW	RIGHT-OF-WAY
<b>ADD</b>	ASPHALT CONCRETE PAVEMENT / ASBESTOS CEMENT PIPE	<b>LF</b>	LF	LINEAR FEET	<b>RT/R</b>	RT/R	RIGHT
<b>ACP</b>	AMERICANS WITH DISABILITIES ACT	<b>LOW</b>	LOW	LOW POINT ON PAVEMENT	<b>S</b>	S	SOUTH, SMOOTH
<b>ADA</b>	ALUMINUM CAP	<b>LT/L</b>	LT/L	LEFT	<b>SCI</b>	SCI	STANDARD CURB INLET
<b>ADI</b>	ALUMINUM	<b>M</b>	M	MAGNETIC	<b>SD</b>	SD	STORM DRAIN
<b>ALCAP</b>	ALUMINUM	<b>MAG</b>	MAG	MAGNETIC	<b>SE</b>	SE	SOUTHEAST
<b>ALT</b>	APPROVED	<b>MAX</b>	MAX	MAXIMUM	<b>SRB</b>	SRB	SHOT ROCK BORROW
<b>ALUM</b>	APPROVED	<b>ME/MTE</b>	ME/MTE	MATCH EXISTING	<b>SRVC</b>	SRVC	SERVICE
<b>APP</b>	BOREHOLE	<b>MH</b>	MH	MANHOLE	<b>SS</b>	SS	SANITARY SEWER SERVICE
<b>B</b>	BEGINNING OF PROJECT	<b>MJ</b>	MJ	MECHANICAL JOINT	<b>SSMH</b>	SSMH	SANITARY SEWER MANHOLE
<b>BH</b>	BEGIN VERTICAL CURVE	<b>MJRJ</b>	MJRJ	MECHANICAL JOINT RESTRAINED JOINT	<b>ST</b>	ST	STREET
<b>BOP</b>	CATCH BASIN	<b>MIN</b>	MIN	MINIMUM	<b>STA</b>	STA	STATION
<b>BVC</b>	CITY & BOROUGH OF SITKA	<b>N</b>	N	NORTHING	<b>STD</b>	STD	STANDARD
<b>C</b>	CURB AND GUTTER	<b>NE</b>	NE	NORTHEAST	<b>SW</b>	SW	SIDEWALK, SOUTHWEST
<b>CB</b>	CAST IRON	<b>NO</b>	NO	NUMBER	<b>SY</b>	SY	SQUARE YARD
<b>CBS</b>	CAST IRON PIPE	<b>NTS</b>	NTS	NOT TO SCALE	<b>I</b>	I	THICK
<b>C&amp;G</b>	CHECKED	<b>OFF</b>	OFF	OFFSET	<b>t</b>	t	TANGENT
<b>CI</b>	CENTER LINE	<b>OP</b>	OP	ON PAVEMENT	<b>TBC</b>	TBC	TOP BACK OF CURB
<b>CIP</b>	CORRUGATED METAL PIPE	<b>OSHA</b>	OSHA	OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION	<b>TBM</b>	TBM	TEMPORARY BENCH MARK
<b>CKD</b>	CONCRETE	<b>P</b>	P	PIPE	<b>TV</b>	TV	TELEVISION
<b>CK</b>	CORRUGATED POLYETHYLENE PIPE	<b>PC</b>	PC	POINT OF CURVATURE	<b>TYP</b>	TYP	TYPICAL
<b>CMP</b>	CROWN	<b>PCC</b>	PCC	PORTLAND CEMENT CONCRETE	<b>U</b>	U	UNKNOWN
<b>CONC</b>	CONNECT TO EXISTING	<b>PEX</b>	PEX	CROSSLINKED POLYETHYLENE	<b>UNK</b>	UNK	UNKNOWN
<b>CPEP/CPP</b>	CUBIC YARD	<b>POC</b>	POC	POINT ON CURVE	<b>V</b>	V	VERTICAL CURVE
<b>CR</b>	DUCTILE IRON PIPE	<b>PRC</b>	PRC	POINT OF REVERSE CURVATURE	<b>VC</b>	VC	VERTICAL CURVE
<b>CTE</b>	DETAIL	<b>PSI</b>	PSI	POUNDS PER SQUARE INCH	<b>w/</b>	w/	WITH
<b>CY</b>	DETECTABLE WARNING	<b>PT</b>	PT	POINT OF TANGENCY	<b>w</b>	w	WEST
<b>D</b>	DRAWN	<b>PVC</b>	PVC	POLY-VINYL CHLORIDE	<b>WS</b>	WS	WATER SERVICE
<b>DIP</b>	EASTING	<b>PVI</b>	PVI	POINT OF VERTICAL INTERSECTION			
<b>DTL</b>	EAST JORDAN IRON WORKS						
<b>D.W.</b>	ELEVATION						
<b>D/W</b>	END OF PROJECT						
<b>DWN</b>	EDGE OF PAVEMENT						
<b>E</b>	EXISTING						
<b>E</b>	END VERTICAL CURVE						
<b>E</b>	FURNISH AND INSTALL						
<b>EJW</b>	FACE OF CURB						
<b>EL/ELEV</b>	FOOT						
<b>EOP</b>	GRADE BREAK						
<b>EP</b>	GRATE						
<b>(E)</b>	GATE VALVE						
<b>EVC</b>							
<b>F&amp;I</b>							
<b>FC</b>							
<b>FT</b>							
<b>G</b>							
<b>GB</b>							
<b>GR</b>							
<b>GV</b>							

GENERAL NOTES, LEGEND  
AND ABBREVIATIONS

75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	A3	—

LINE TABLE		
LINE DESIGNATION	LENGTH	DIRECTION
L9	7.67	S46° 14' 24.73"W
L10	9.73	S41° 15' 16.76"W
L11	22.84	S3° 44' 43.24"E
L12	68.90	S42° 51' 54.41"W
L13	72.13	S36° 23' 39.06"W
L14	130.40	S31° 26' 20.37"W
L15	111.38	S43° 33' 45.31"W
L16	52.17	S58° 14' 32.38"W
L17	121.65	S87° 45' 42.68"W
L18	39.33	S69° 17' 30.76"W

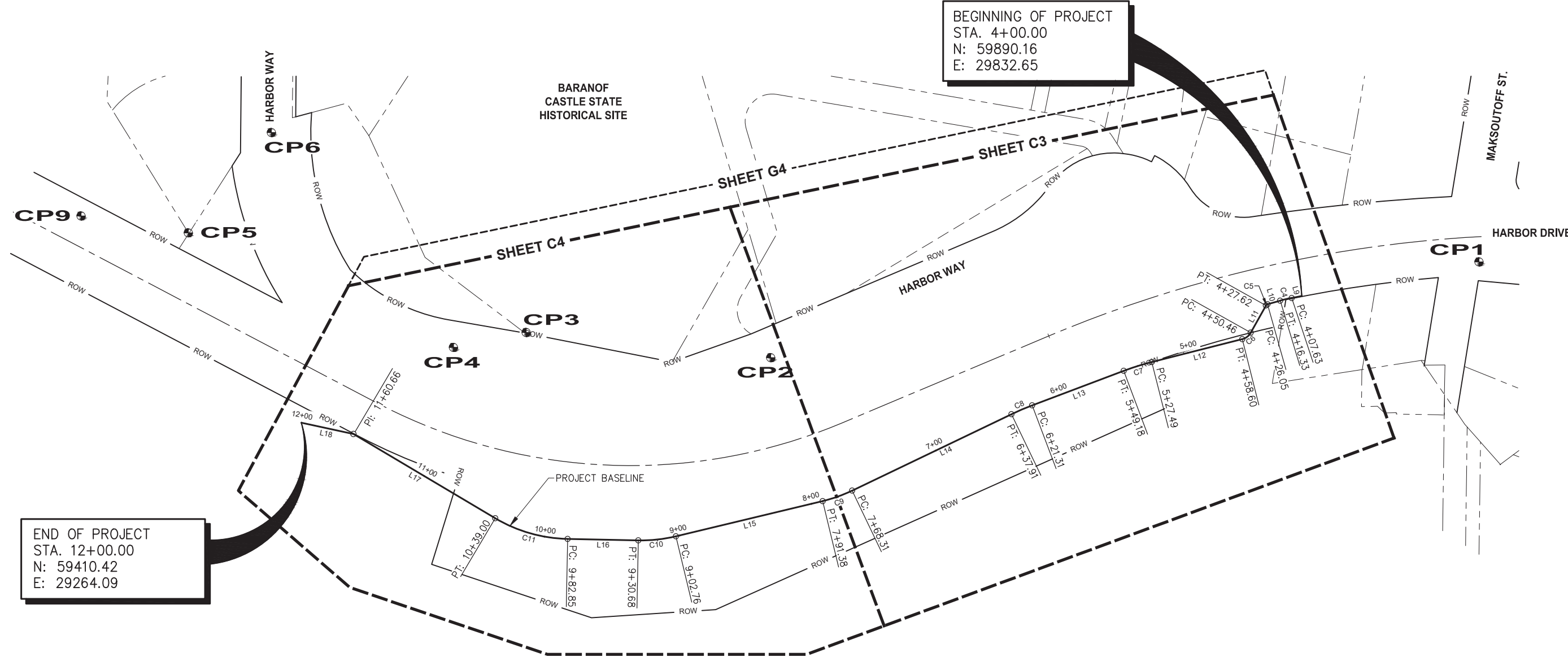
CURVE TABLE			
CURVE DESIGNATION	RADIUS	LENGTH	CHORD DIRECTION
C4	100.00	8.70	S43° 44' 50.74"W
C5	2.00	1.57	S18° 45' 16.76"W
C6	10.00	8.14	S19° 33' 35.58"W
C7	192.00	21.68	S39° 37' 46.73"W
C8	192.00	16.61	S33° 54' 59.72"W
C9	109.00	23.06	S37° 30' 02.84"W
C10	109.00	27.93	S50° 54' 08.84"W
C11	109.00	56.16	S73° 00' 07.53"W

PROJECT CONTROL				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP1	59982.38	29928.69	17.39	PRIMARY MONUMENT
CP2	59638.97	29528.64	18.92	PRIMARY MONUMENT
CP3	59556.50	29367.10	16.64	PRIMARY MONUMENT
CP4	59518.02	29328.04	18.57	PRIMARY MONUMENT
CP5	59482.66	29117.99	18.44	PRIMARY MONUMENT
CP6	59578.06	29129.17	23.52	PRIMARY MONUMENT
CP9	59450.06	29044.84	15.49 *	PRIMARY MONUMENT

\* CP9 ELEVATION IS PRIMARY VERTICAL CONTROL

**SURVEY NOTES, SHEETS A4:**

SURVEY INFORMATION FROM AN ON THE GROUND SURVEY PERFORMED BY NORTH 57 LAND SURVEYING, JULY, 2022.



**BEGINNING OF PROJECT**  
 STA. 4+00.00  
 N: 59890.16  
 E: 29832.65

**END OF PROJECT**  
 STA. 12+00.00  
 N: 59410.42  
 E: 29264.09



**SURVEY CONTROL AND SHEET LAYOUT**

**75% PUBLIC INVOLVEMENT SUBMITTAL**

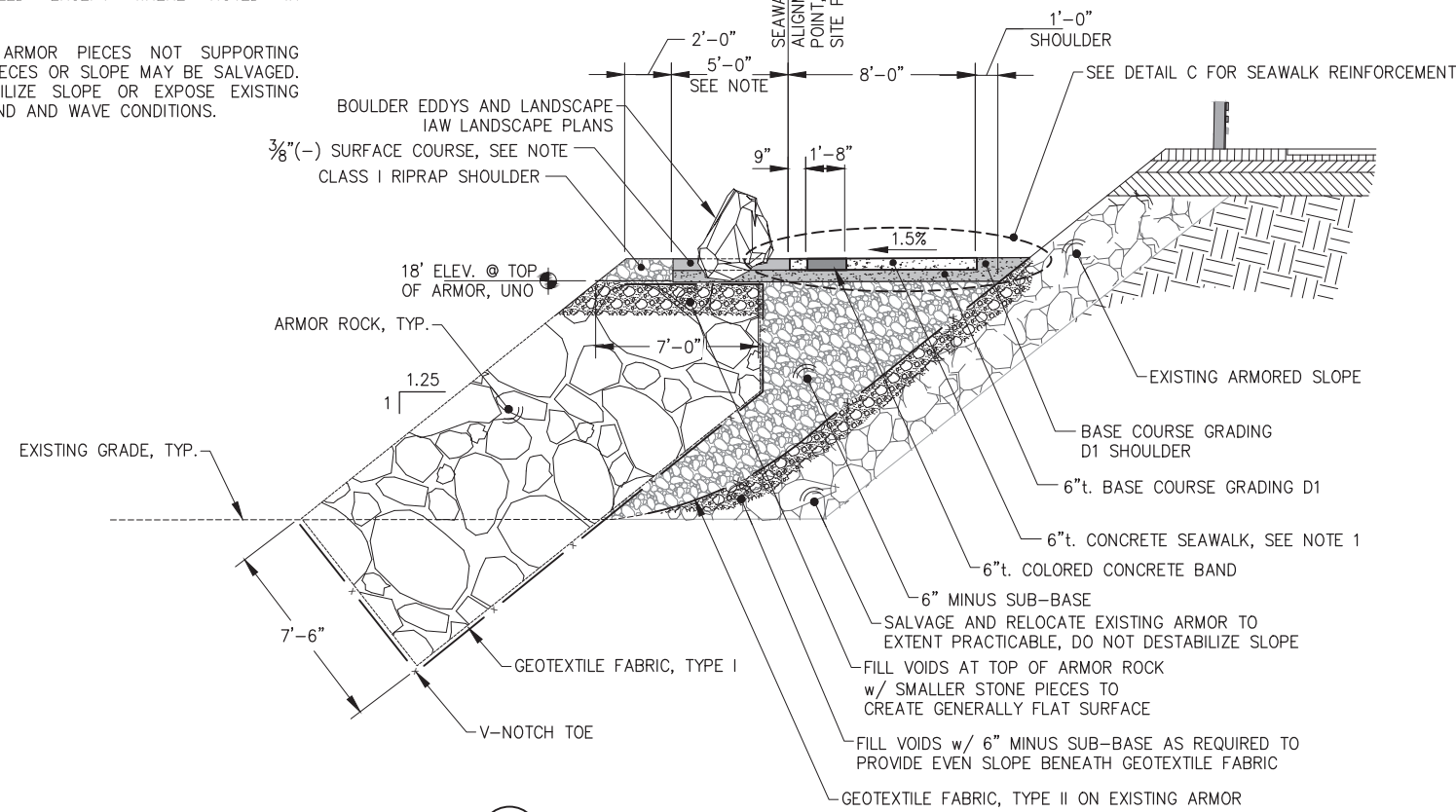
N:\22XXX\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\A3\_B1\_F1-F3\_G1-G3\_Site Design-A3\_Fri\_Oct/27/23 01:51pm



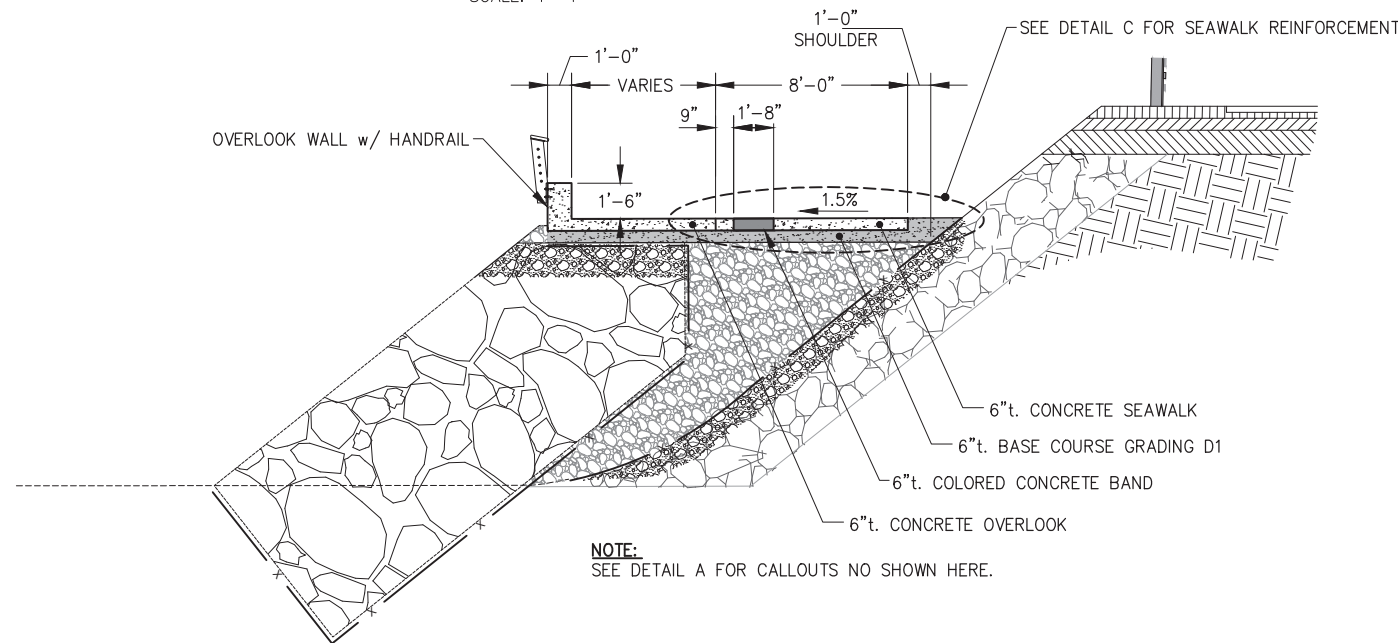
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	B1	---

**NOTE:**

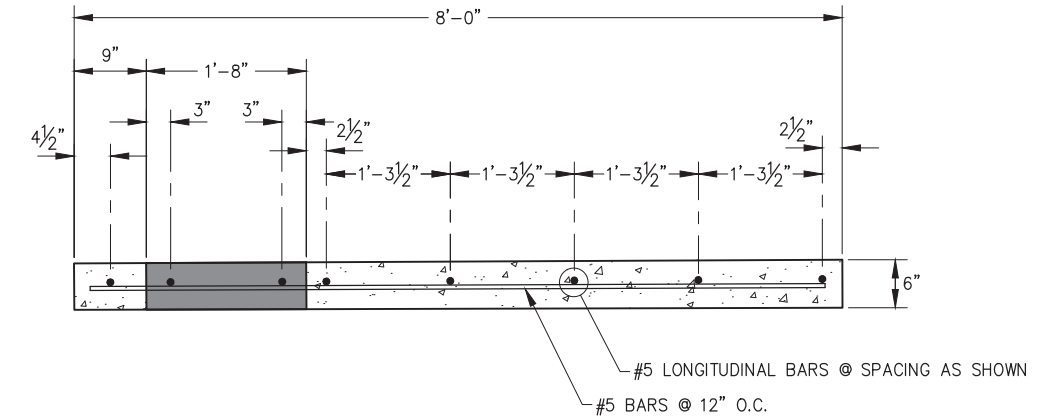
- SHOULDER AREA INCLUDES VARYING SURFACE TREATMENTS. SEE LANDSCAPING. SURFACE COURSE TO BE INSTALLED EXCEPT WHERE NOTED IN LANDSCAPING.
- ONLY EXISTING ARMOR PIECES NOT SUPPORTING ABOVE ARMOR PIECES OR SLOPE MAY BE SALVAGED. DO NOT DESTABILIZE SLOPE OR EXPOSE EXISTING SUBGRADE TO WIND AND WAVE CONDITIONS.



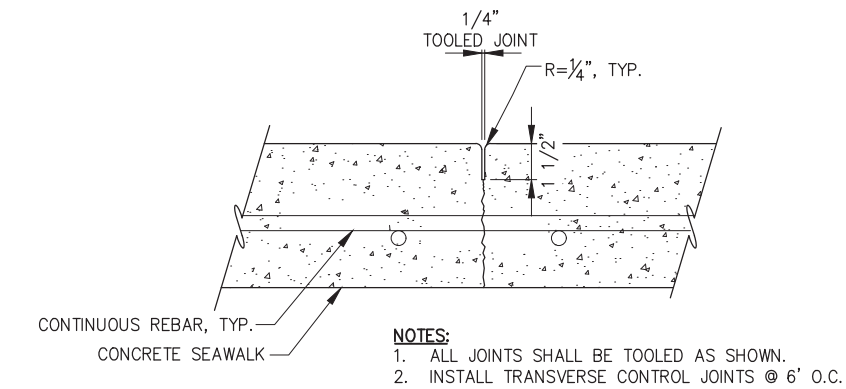
**A SEAWALK SECTION TYPICAL SECTION**  
SCALE: 1"=4'



**B SEAWALK SECTION AT OVERLOOK TYPICAL SECTION**  
SCALE: 1"=4'



**C SEAWALK REINFORCEMENT DETAIL**  
SCALE: 1"=1'



**D CONTROL JOINT DETAIL**  
SCALE: NTS

TYPICAL SECTIONS

75% PUBLIC INVOLVEMENT SUBMITTAL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	C1	---

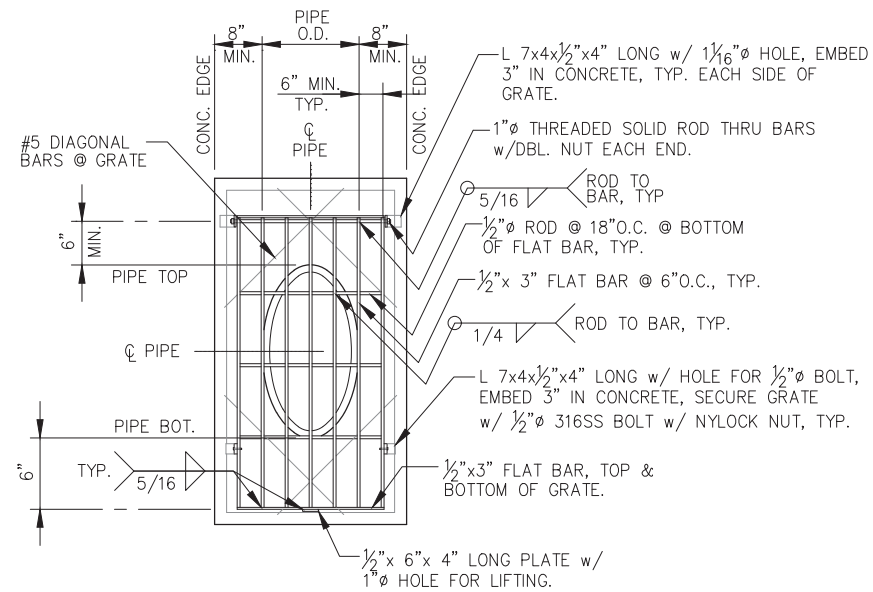
ESTIMATE OF QUANTITIES			
Item	Item Description	Units	Quantity
201.1	Clearing & Grubbing	LS	All Req'd
202.1	Miscellaneous Demolition & Disposal	LS	All Req'd
202.2	Remove and Dispose, Existing Storm Drain Structure	EA	2
202.3	Remove and Dispose Existing Concrete Sidewalk	SY	20
203.1	Excavation and Disposal	CY	1,100
301.1	Base Course	CY	260
301.2	Surface Course	CY	60
304.1	6-Inch Minus Subbase	CY	1,900
603.1	18 Inch Corrugated Polyethylene Pipe	LF	60
603.2	12 Inch Corrugated Polyethylene Pipe	LF	12
603.3	Connect to Existing Storm Drain Pipe	EA	5
604.1	Storm Drain Outfall - Type I	EA	2
604.2	Storm Drain Outfall - Type II	EA	3
608.1	Concrete Seawalk with Colored Band	SY	710
608.2	Decorative Concrete with Inlay	SY	88
608.3	Concrete Light Pole Base	EA	29
611.1	Armor Stone	CY	7,000
614.1	Concrete Seating Wall	LF	95
614.2	Overlook Wall with Tideline Pattern	LF	135
618.1	Seeding	SF	200
620.1	Topsoil	CY	30
621.1	Trees	EA	6
621.2	Shrubs	EA	19
621.3	Grass Perennial	EA	86
621.4	Border Perennial	EA	174
621.5	Rock Planting Bed Border	LF	70
621.6	Boulders	EA	108
621.7	Landscape Maintenance and Warranty	LS	All Req'd
625.1	Gaurdrail	LF	130
629.1	Bench - Type 2	EA	7
629.2	Relocate Existing Bench	EA	1
629.3	Trash Receptacle	EA	2
629.4	Interpretive Signage	EA	3
630.1	Geotextile Fabric Type I	SY	2,700
630.2	Geotextile Fabric Type II	SY	2,400
640.1	Mobilization	LS	All Req'd
641.1	Erosion & Sediment Control	LS	All Req'd
641.2	Marine Mammal Observation	LS	All Req'd
642.1	Construction Surveying	LS	All Req'd
643.1	Temporary Traffic Control	LS	All Req'd
644.1	Field Office	LS	All Req'd
646.1	CPM Scheduling	LS	All Req'd
660.1	Electrical Path Lighting	LS	All Req'd
661.1	Electrical Service and Rack	LS	All Req'd
670.1	Traffic Markings and Signage	LS	All Req'd

N:\22222\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\C1 Tables-C1 Fri, Oct/27/23 01:52pm

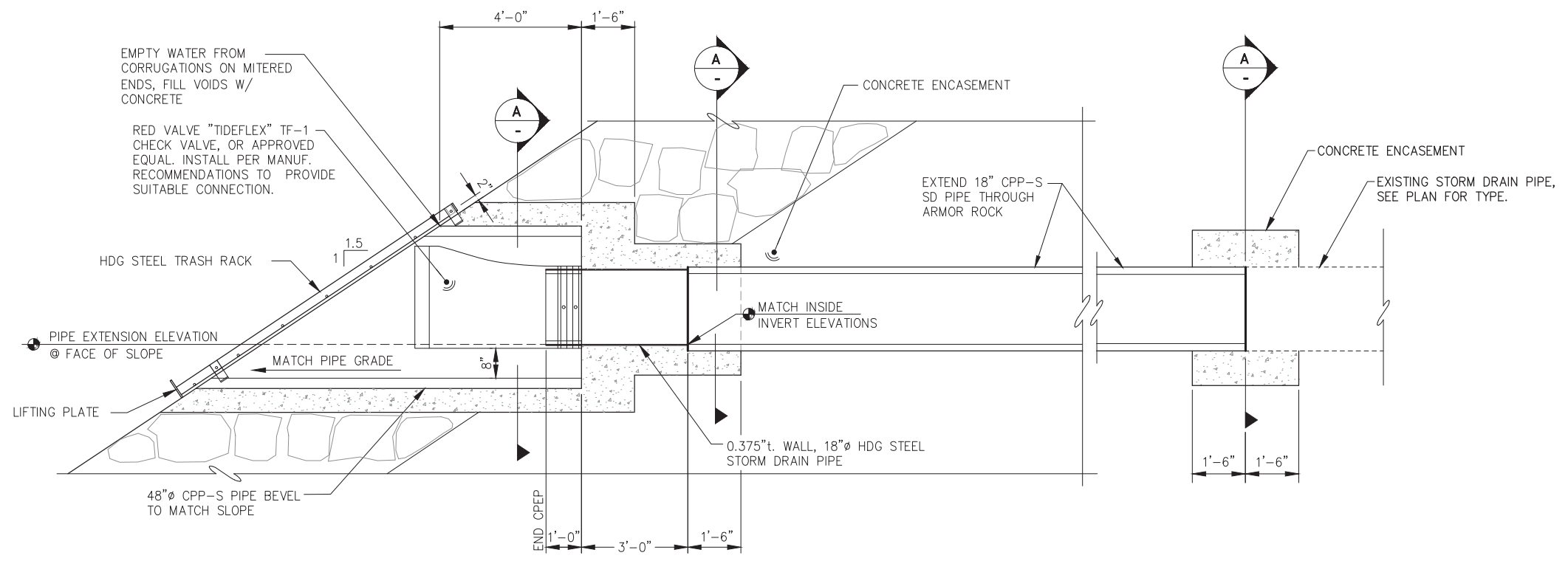
ESTIMATE OF QUANTITIES  
AND SUMMARY TABLES

75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	E1	—

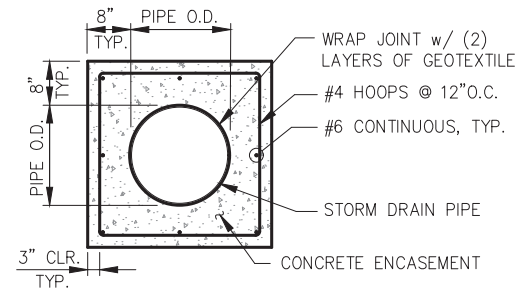


**HDG STEEL TRASH RACK**

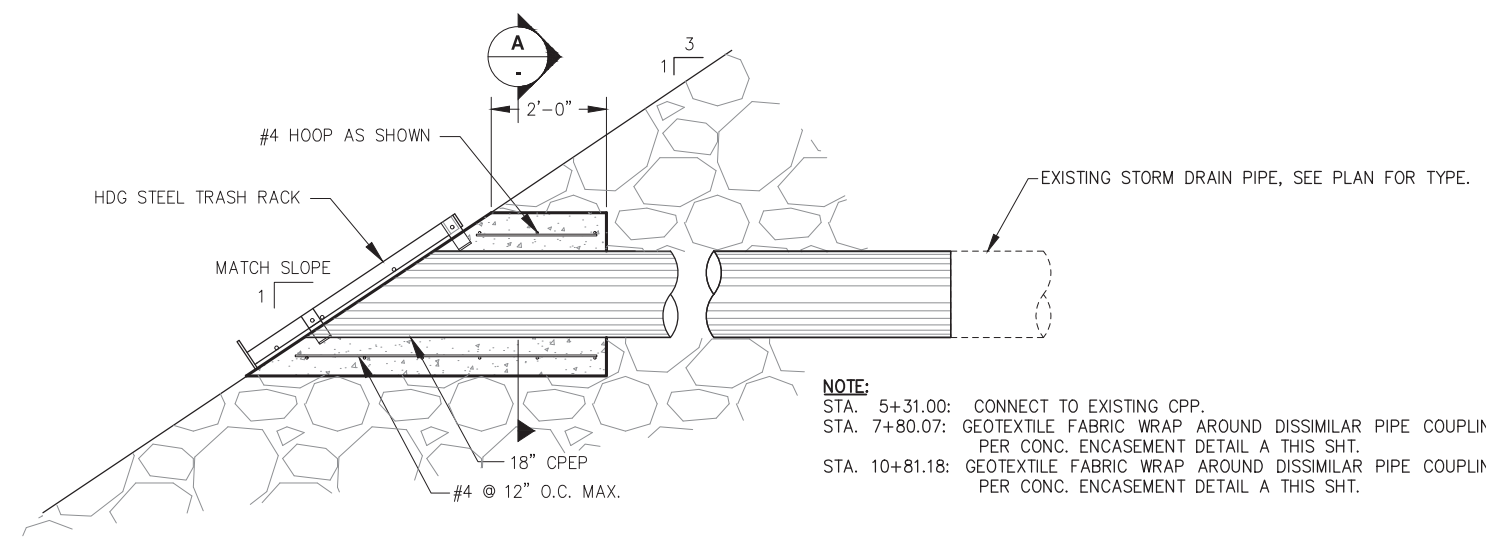


**B STORM DRAIN OUTFALL - TYPE I**  
TYPICAL OF (2)

**D DISSIMILAR PIPE COUPLING SECTION**



**A CONCRETE ENCASEMENT SECTION**



**C STORM DRAIN OUTFALL - TYPE II**  
TYPICAL OF (3)

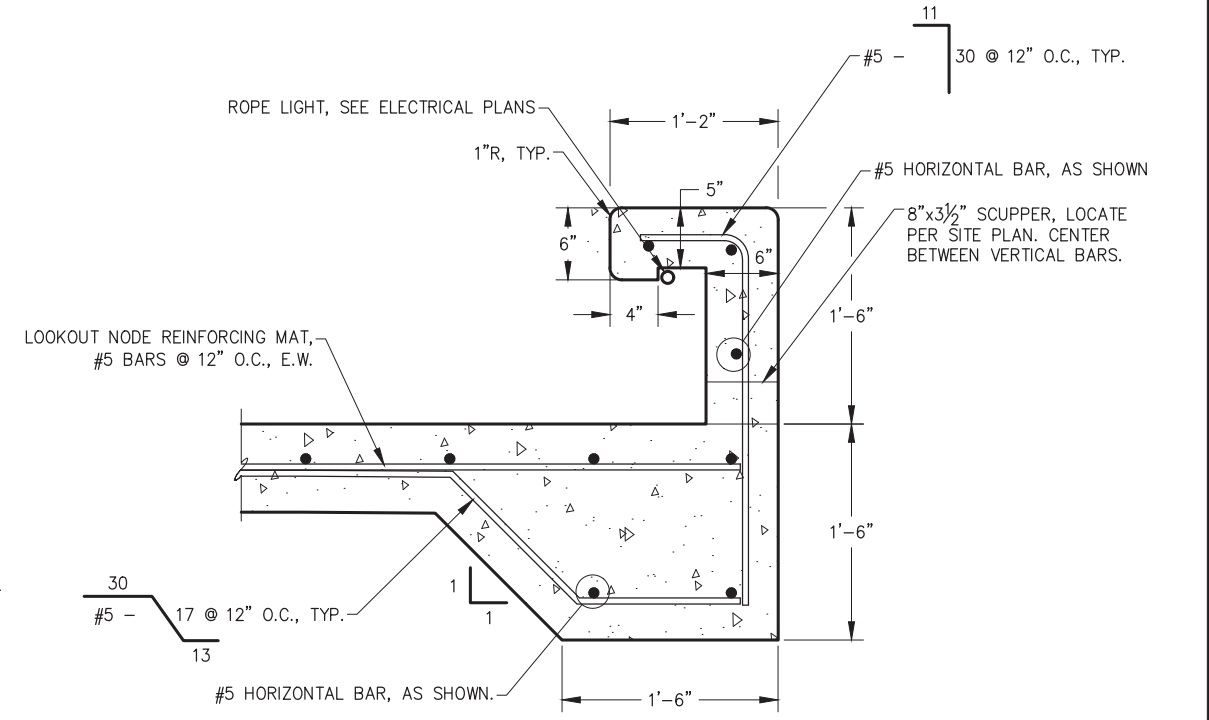
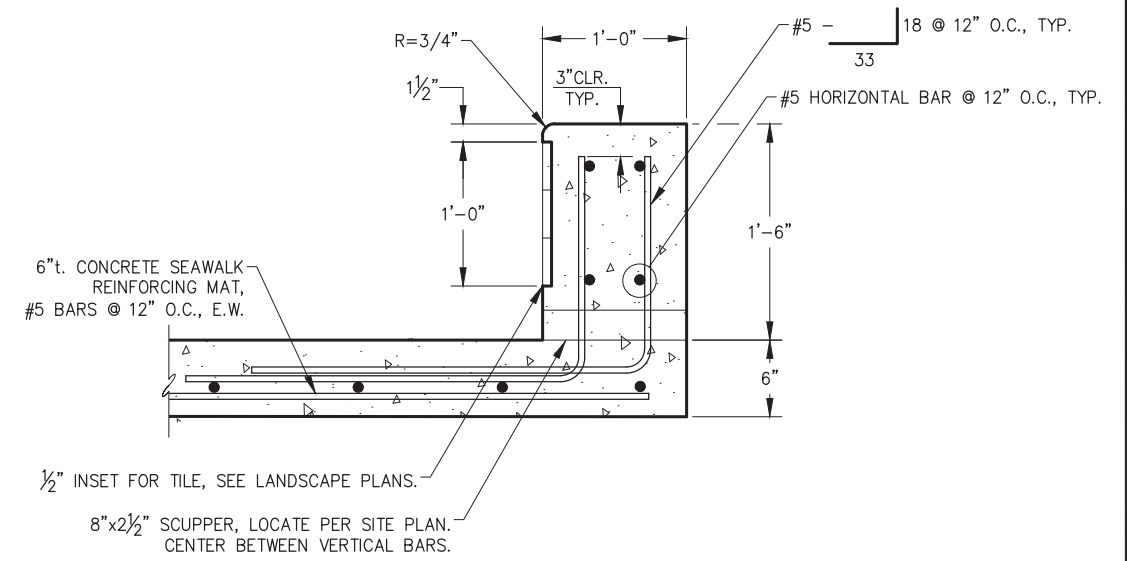
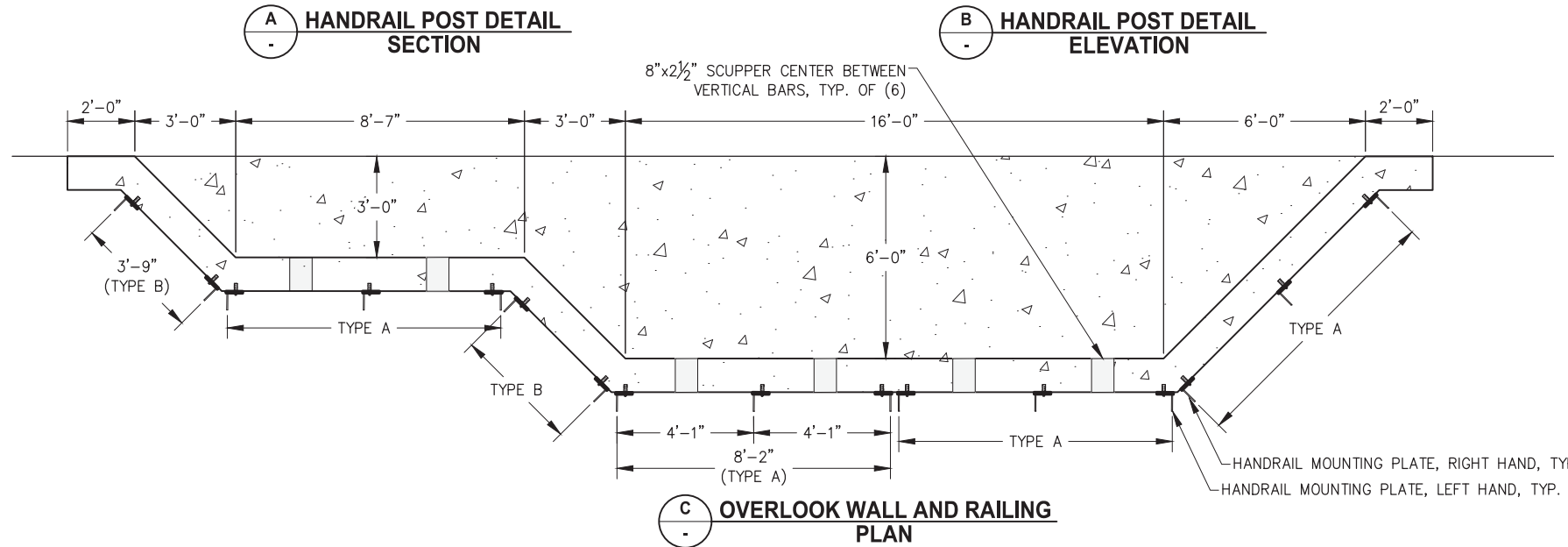
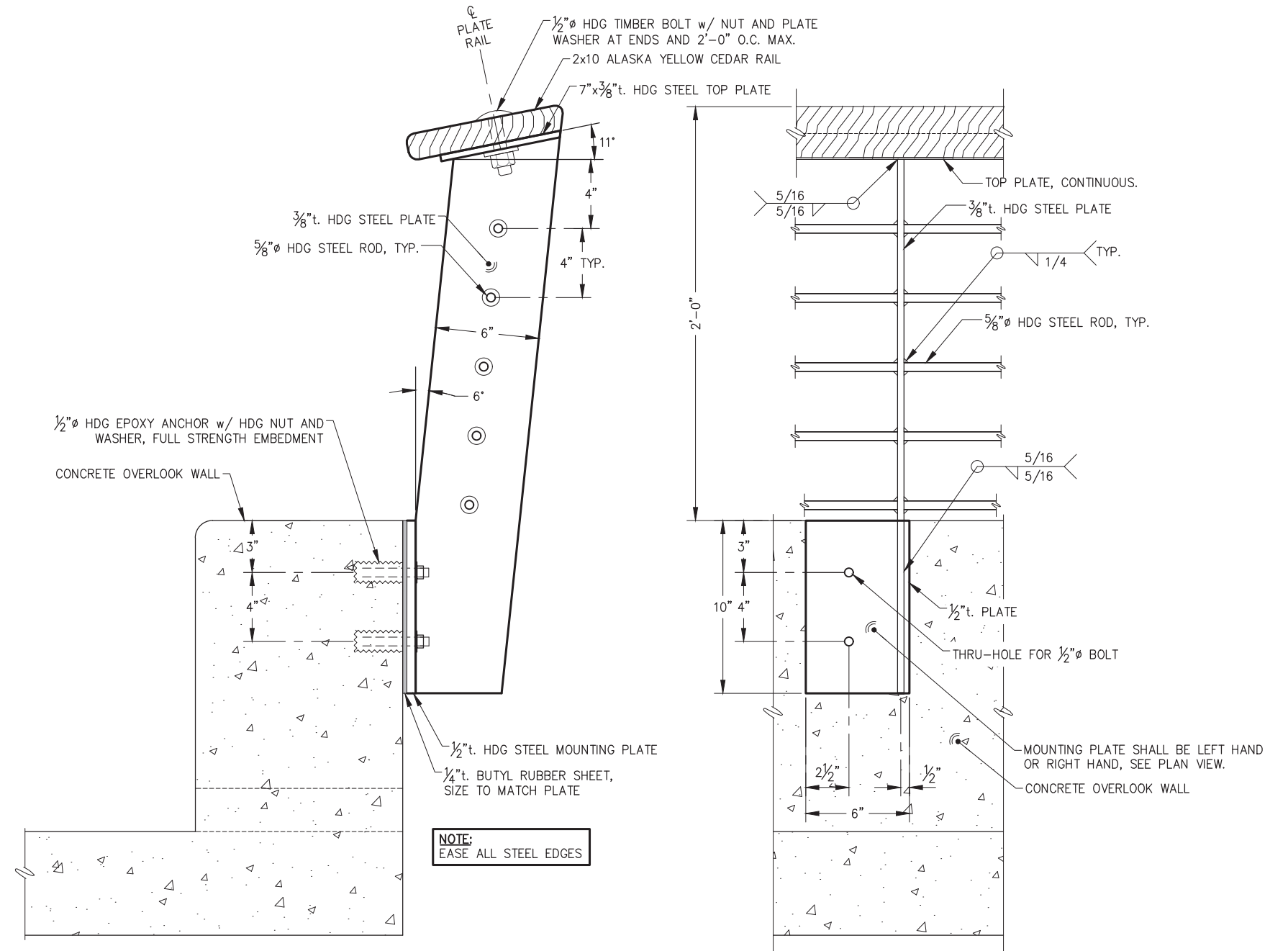
**NOTE:**  
 STA. 5+31.00: CONNECT TO EXISTING CPP.  
 STA. 7+80.07: GEOTEXTILE FABRIC WRAP AROUND DISSIMILAR PIPE COUPLING PER CONC. ENCASEMENT DETAIL A THIS SHT.  
 STA. 10+81.18: GEOTEXTILE FABRIC WRAP AROUND DISSIMILAR PIPE COUPLING PER CONC. ENCASEMENT DETAIL A THIS SHT.

N:\22xxx\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\E1-E2\_Site\_Details-E1 Fri, Oct/27/23 01:52pm

**STORM DRAIN DETAILS**

**75% PUBLIC INVOLVEMENT SUBMITTAL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	E2	—



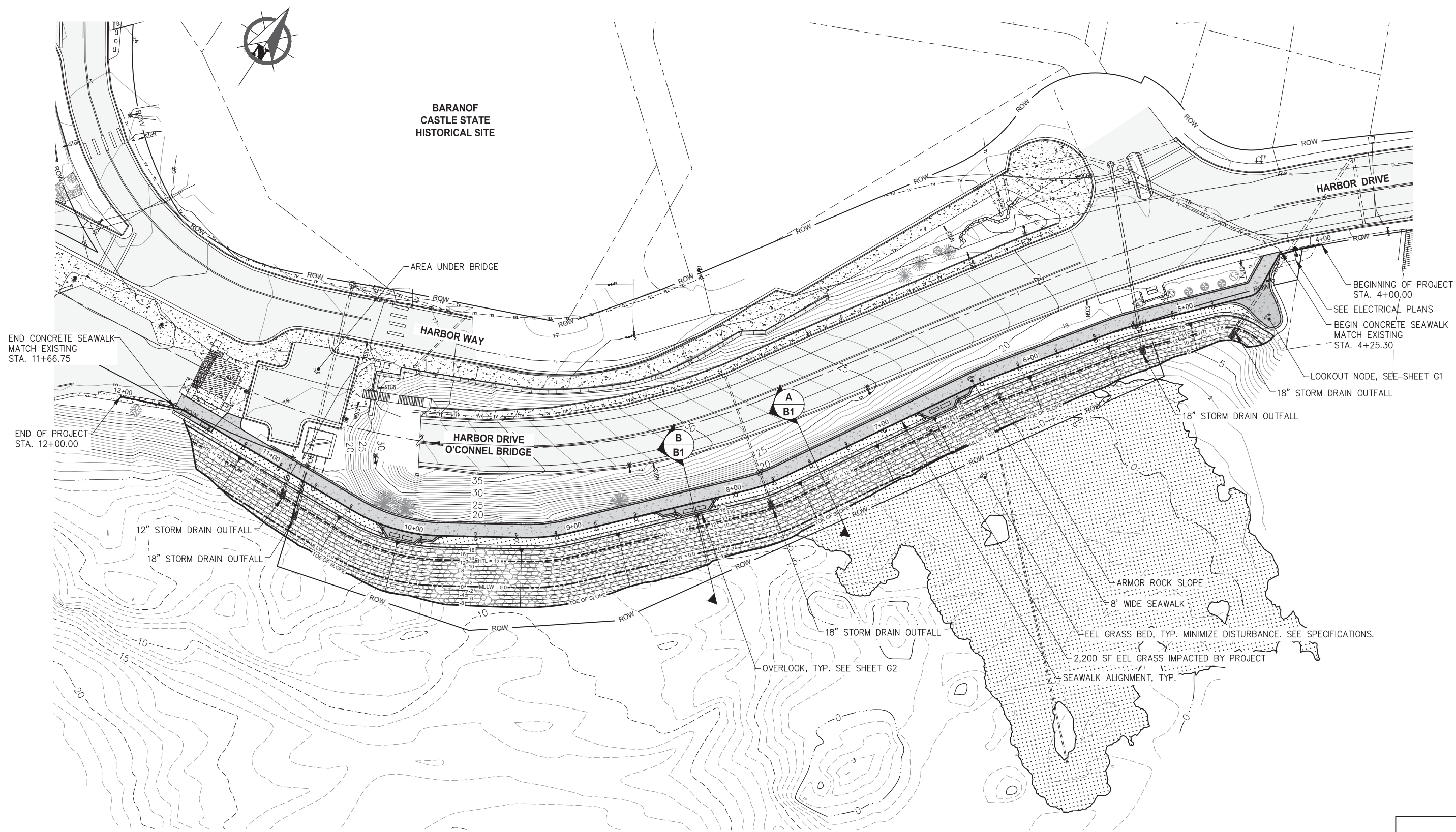
**MISCELLANEOUS DETAILS**

**75% PUBLIC INVOLVEMENT SUBMITTAL**

N:\22xxx\222064 sitka seawalk - phase ii.g. drawings\1. design\1. civil\E1-E2 Site Details-E2 Fri, Oct/27/23 01:52pm



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	F1	—



END CONCRETE SEAWALK  
MATCH EXISTING  
STA. 11+66.75

END OF PROJECT  
STA. 12+00.00

BEGINNING OF PROJECT  
STA. 4+00.00  
SEE ELECTRICAL PLANS  
BEGIN CONCRETE SEAWALK  
MATCH EXISTING  
STA. 4+25.30

LOOKOUT NODE, SEE SHEET G1

ARMOR ROCK SLOPE

8' WIDE SEAWALK

EEL GRASS BED, TYP. MINIMIZE DISTURBANCE. SEE SPECIFICATIONS.

2,200 SF EEL GRASS IMPACTED BY PROJECT

SEAWALK ALIGNMENT, TYP.

OVERLOOK, TYP. SEE SHEET G2

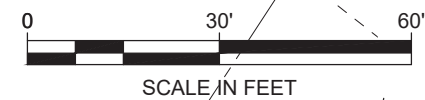


# OVERALL SITE PLAN

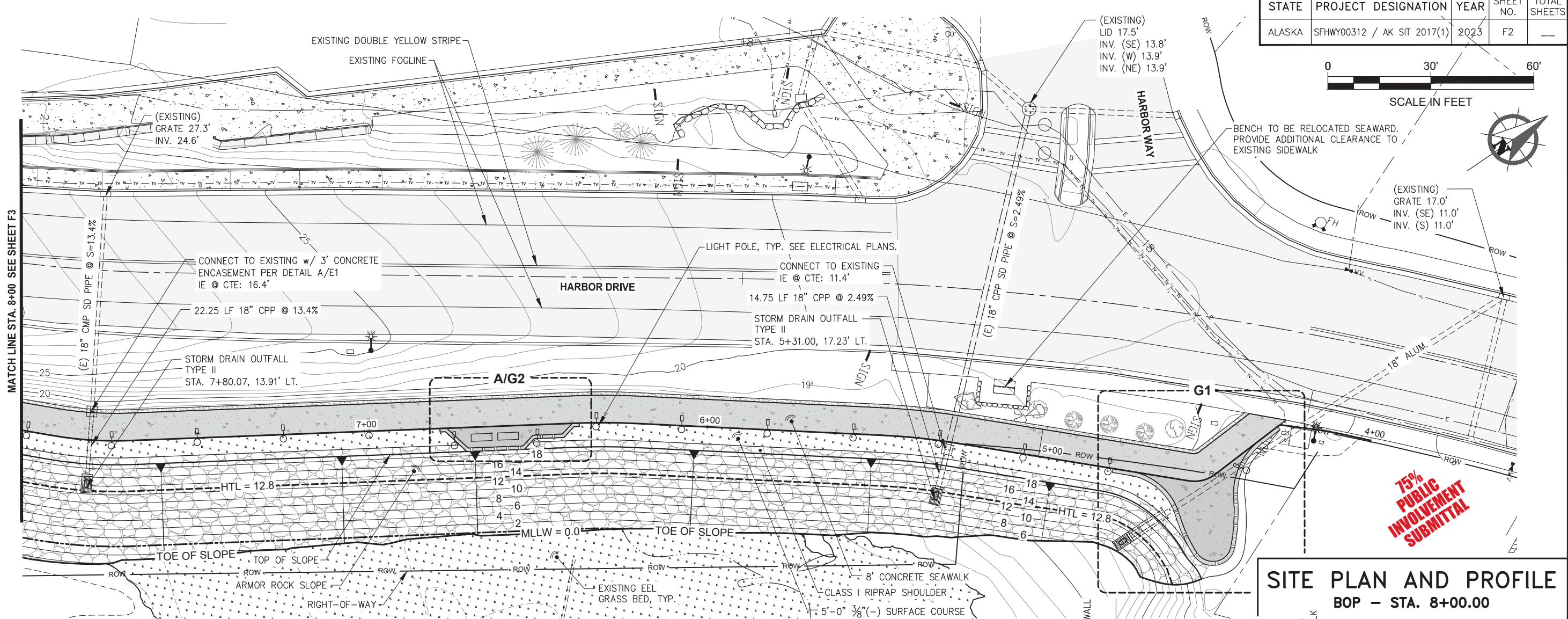
**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**

N:\22XXX\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\A3\_B1\_F1-F3\_G1-G3\_Site Design-F1 Fri, Oct/27/23 01:52pm

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	F2	—

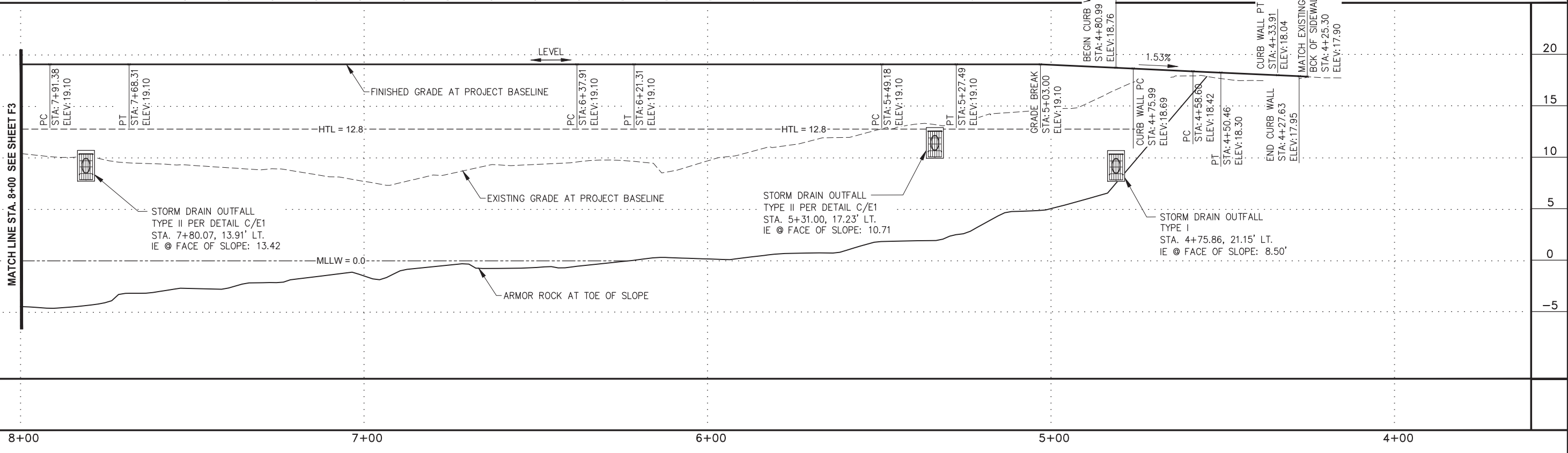


MATCH LINE STA. 8+00 SEE SHEET F3



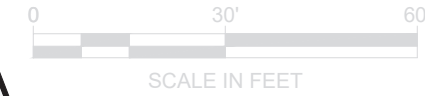
75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL

**SITE PLAN AND PROFILE**  
BOP - STA. 8+00.00

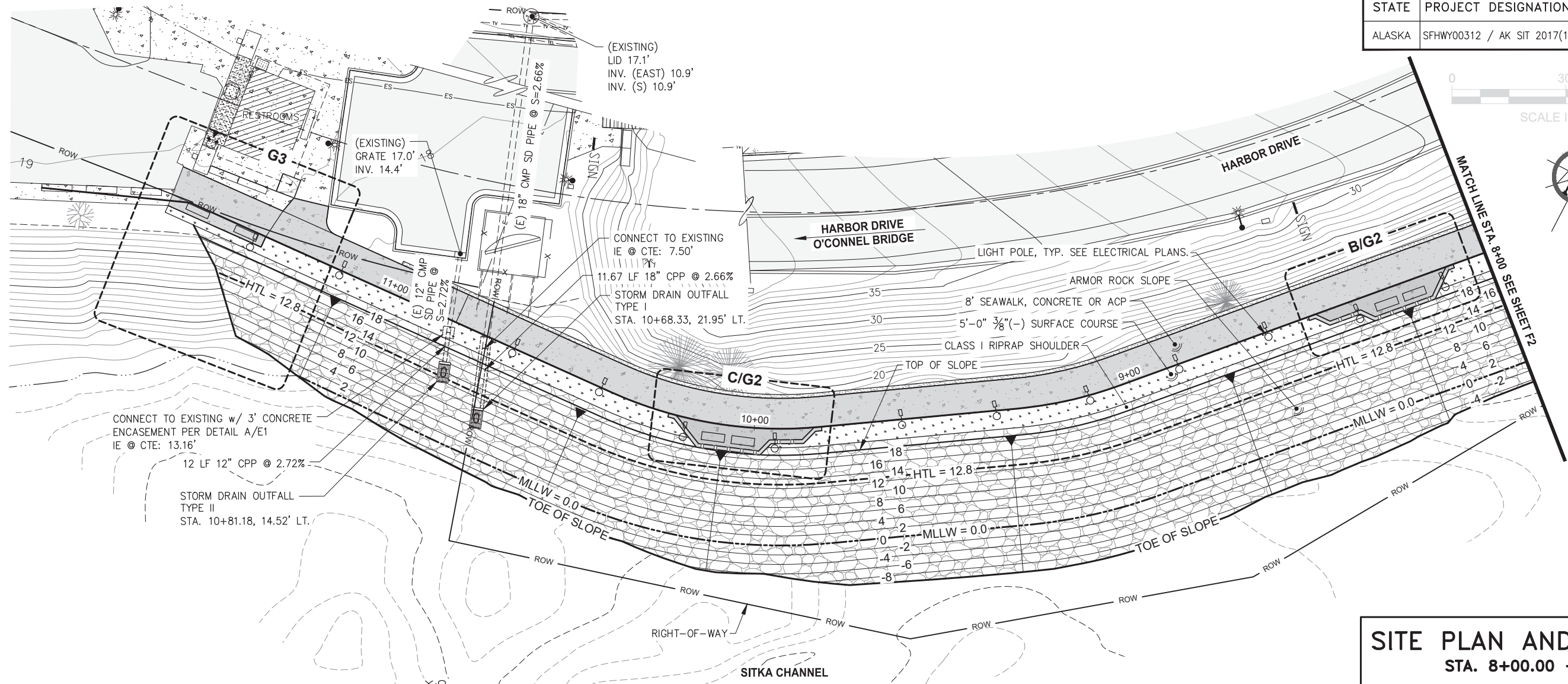


N:\222XXX\222064 - phase ii\g. drawings\1. design\1. civil\A3\_B1\_F1-F3\_G1-G3 Site Design-F2 Fri, Oct/27/23 01:52pm

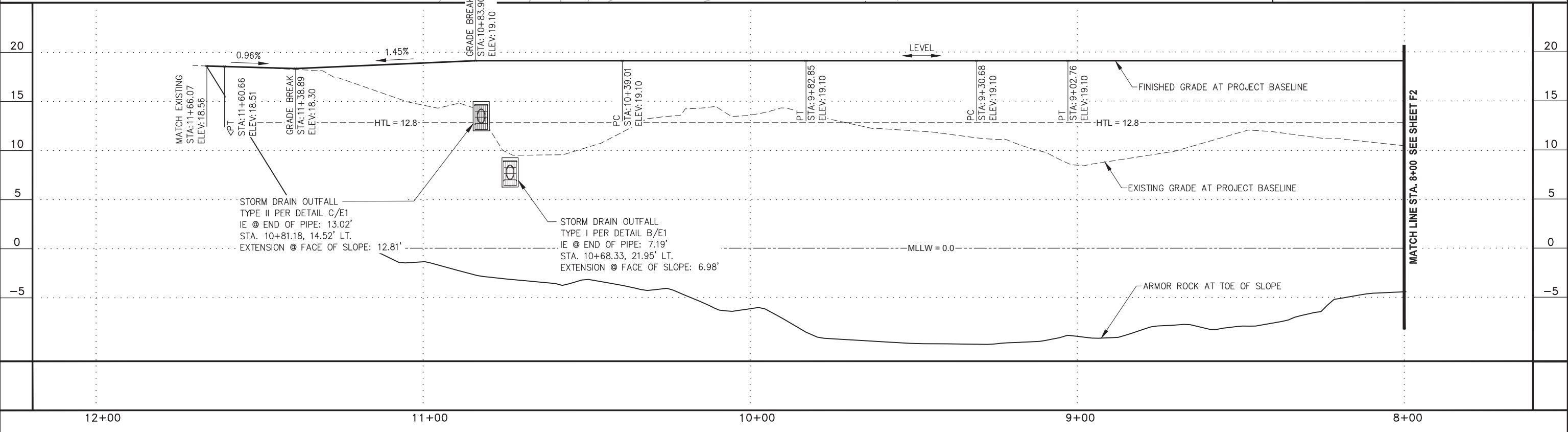
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	SFHwy00312 / AK SIT 2017(1)	2023	F3	—



**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**

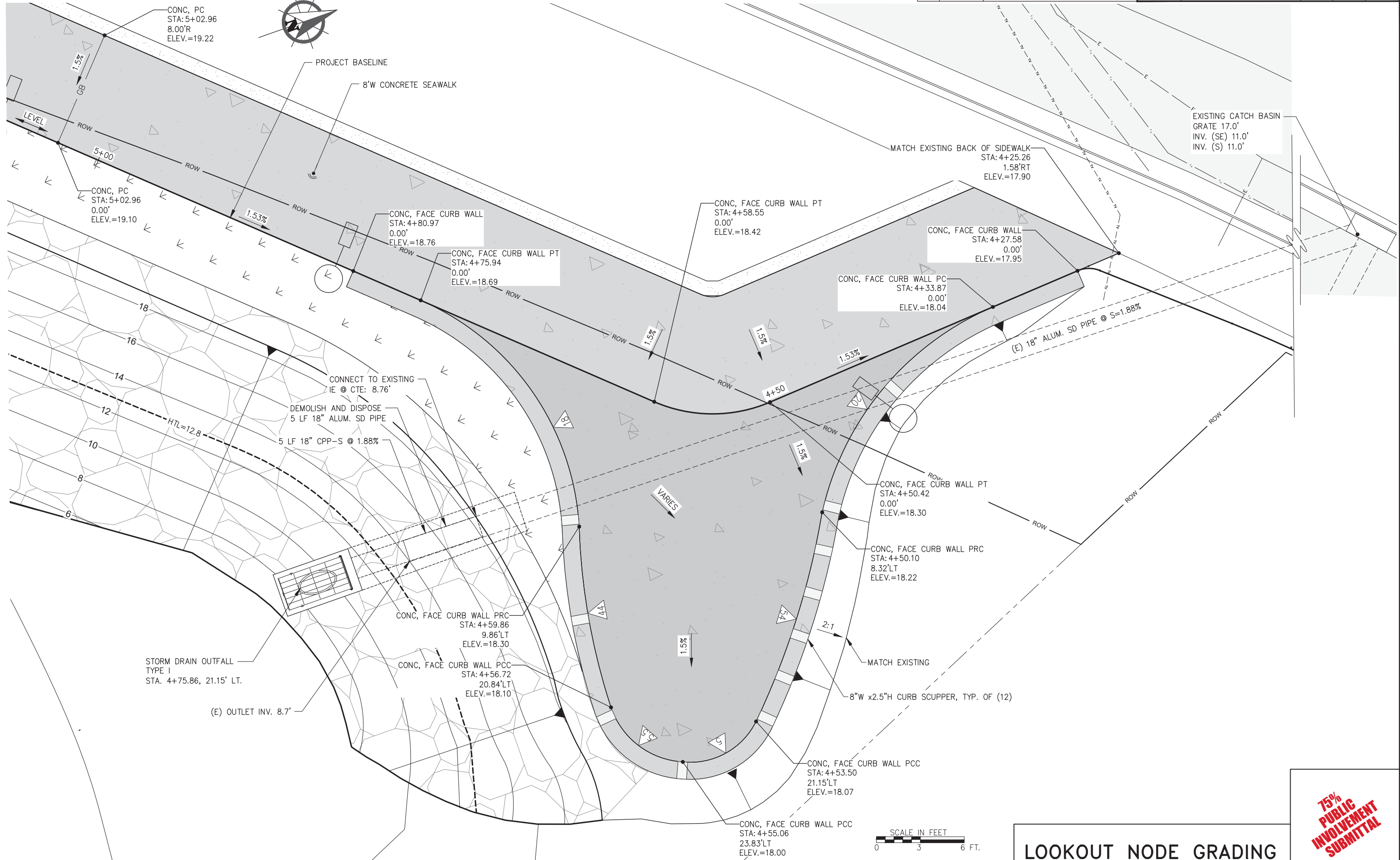


**SITE PLAN AND PROFILE**  
STA. 8+00.00 - EOP



N:\222064\222064\_sitka\_seawalk - phase ii\g\_drawings\1\_design\1\_civil\A3\_B1\_F1-F3\_G1-G3\_Site Design-F3 Fri, Oct/27/23 01:53pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00312 / AK SIT 2017(1)	2023	G1	—



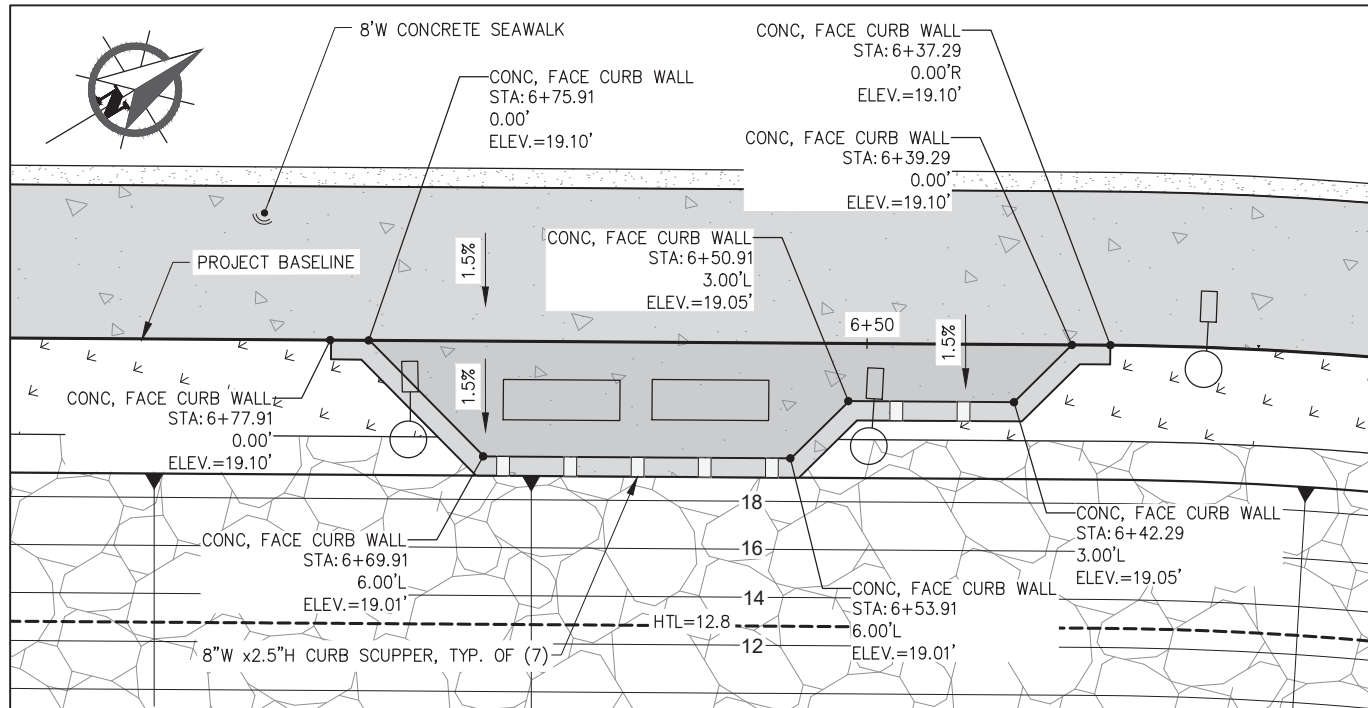
N:\22xxx\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\A3\_B1\_F1-F3\_G1-G3\_Site Design-G1 Fri, Oct/27/23 01:53pm



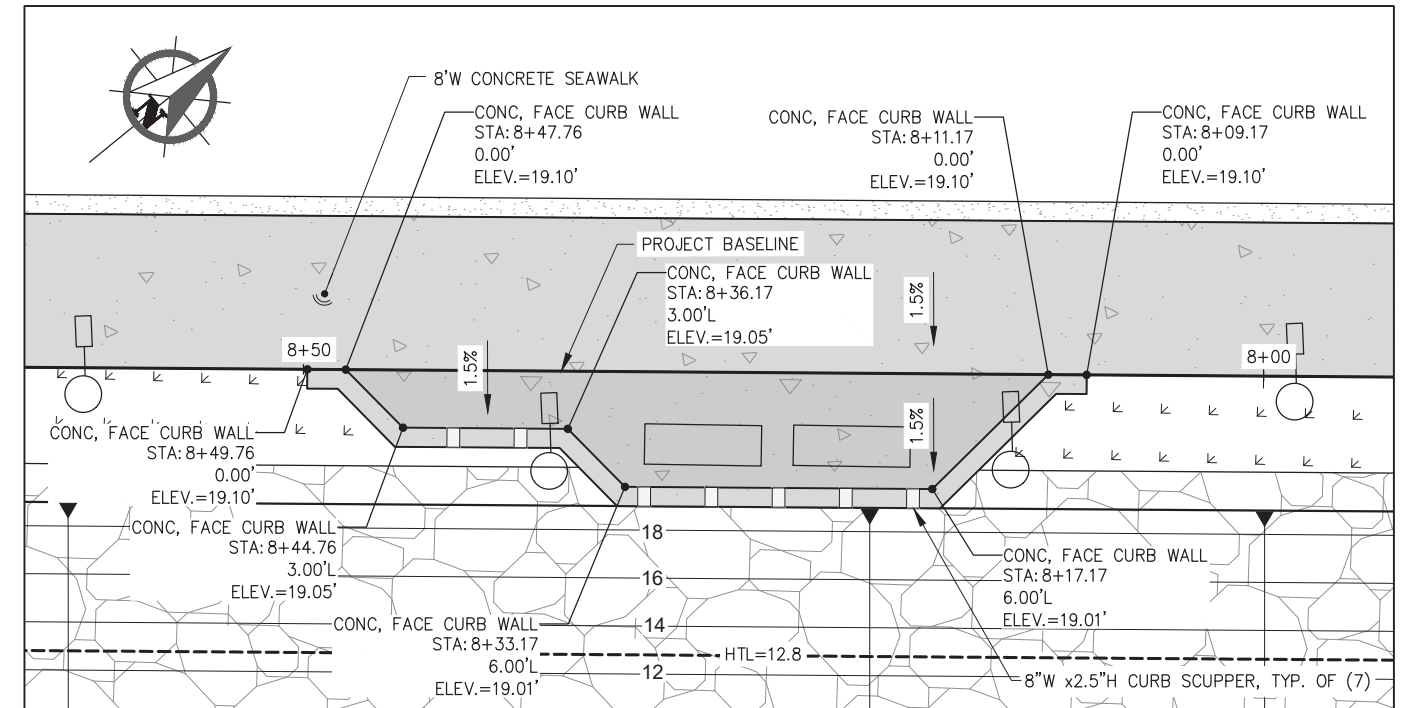
# LOOKOUT NODE GRADING

75% PUBLIC INVOLVEMENT SUBMITTAL

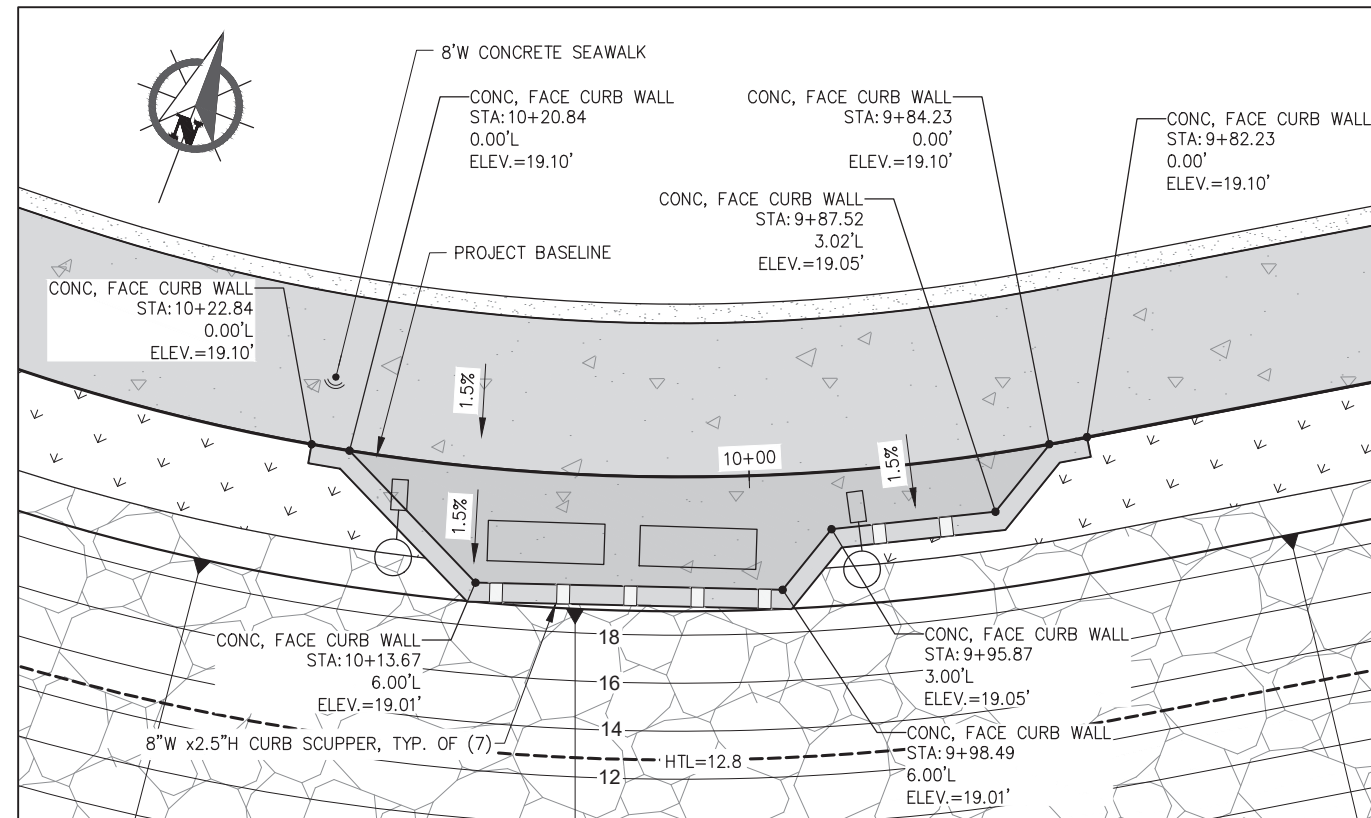
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	G2	—



**A OVERLOOK GRADING**



**B OVERLOOK GRADING**



**C OVERLOOK GRADING**

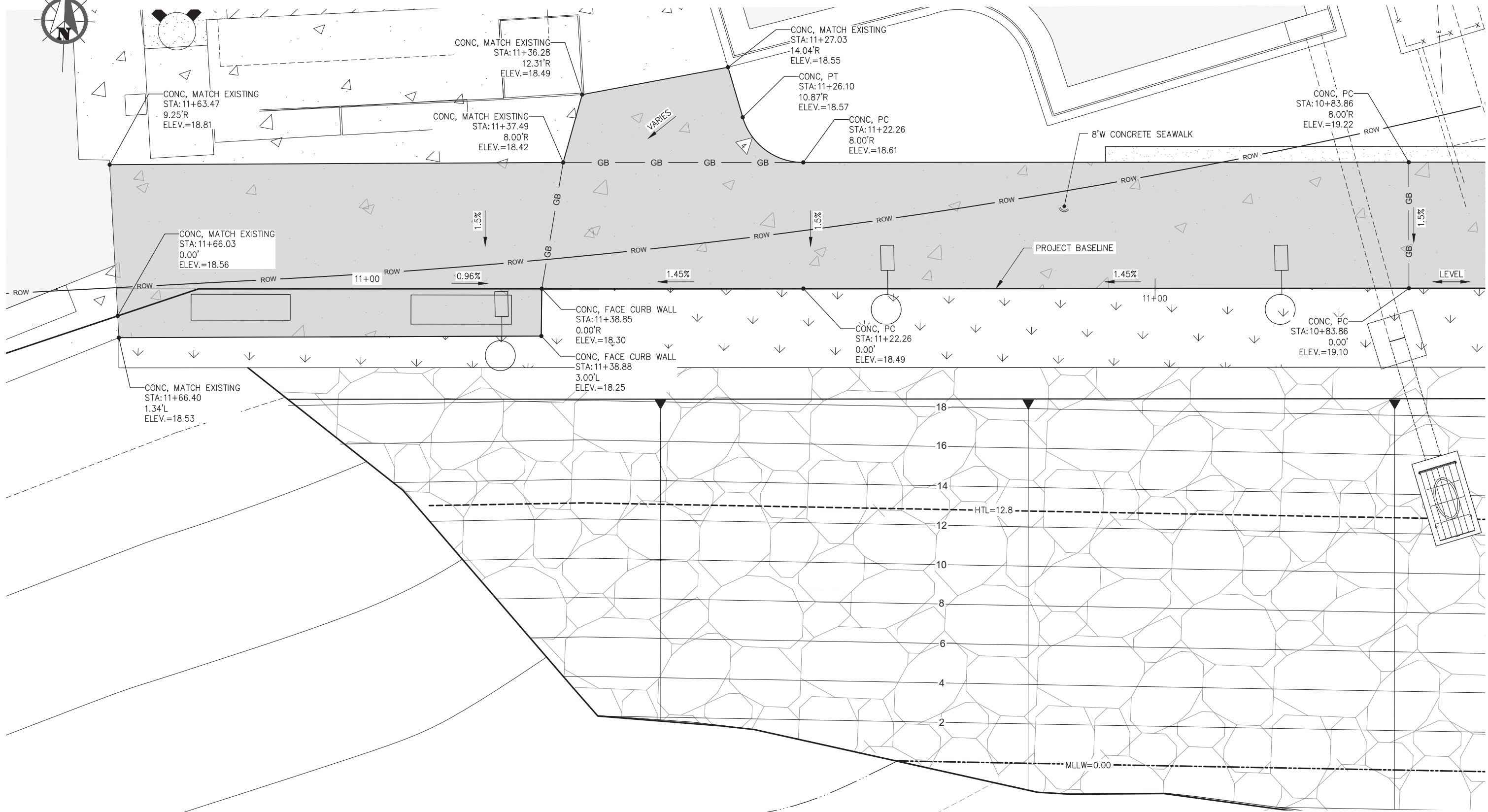


**OVERLOOK GRADING**

**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**

N:\222064\222064\_sitka\_seawalk - phase ii.g. drawings\1. design\1. civil\A3\_B1\_F1-F3\_G1-G3\_Site Design-G2 Fri, Oct/27/23 01:53pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	G1	—



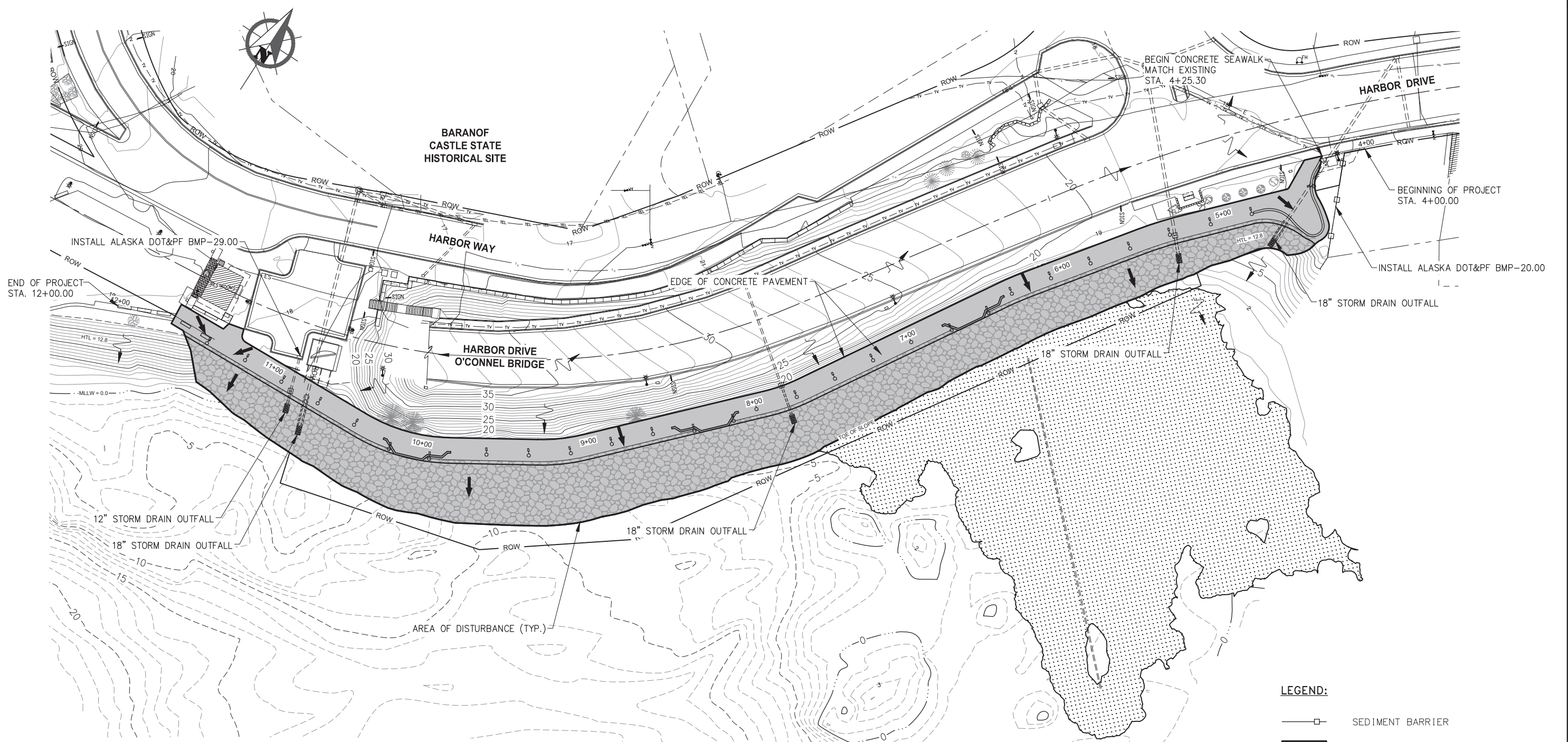
N:\22xxx\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\A3\_B1\_F1-F3\_G1-G3\_Site Design-G3 Fri, Oct/27/23 01:53pm

SCALE IN FEET  
0 3 6 FT.

**END OF PROJECT GRADING**

**75% PUBLIC INVOLVEMENT SUBMITTAL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	Q1	—



- SHEET NOTE:**
1. FINAL LOCATION OF EROSION AND SEDIMENT CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD AS APPROVED BY THE ENGINEER.
  2. ALL EXPOSED OR DISTURBED SOILS WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED THROUGHOUT THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL EXTEND BMP'S TO INCLUDE AREAS FOR STAGING.
  3. BMP'S SHALL BE WITHIN 10' OF LIMITS OF DISTURBED AREA, AND PLACED AS TO NOT UNNECESSARILY DISTURB EEL GRASS AREA.
  4. SEE ALASKA DOT&PF BMP GUIDE FOR SEDIMENT BARRIER AND INLET PROTECTION DETAILS.
  5. CONTRACTOR SHALL PROVIDE DIVERSION DITCHES OR TRENCHES TO PREVENT WATER FROM PONDING IN EXCAVATION AREAS DURING CONSTRUCTION. CONTRACTOR SHALL ENSURE DISCHARGE OF WATER UTILIZES APPROPRIATE DEWATERING AND TREATMENT BMP'S AND IS IN ACCORDANCE WITH ALL STATE AND FEDERAL LAWS.

- LEGEND:**
- SEDIMENT BARRIER
  - ▬ AREA OF DISTURBANCE
  - ↗ SURFACE FLOW DIRECTION
  - ← PROJECT SURFACE FLOW DIRECTION
  - ▨ EMBANKMENT ARMOR, SEE SHEET B1



**EROSION AND SEDIMENT CONTROL PLAN**

**75% PUBLIC INVOLVEMENT SUBMITTAL**

N:\22222\222064\_sitka\_seawalk - phase ii\g. drawings\1. design\1. civil\Q1 Erosion and Sediment Control-Q1 Erosion and Sediment Control - Q1 Fri, Oct/27/23 01:53pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	H1	---

### SHEET INDEX

Sheet Number	Sheet Title
H1	SITE PLAN - ELECTRICAL
H2	SITE PLAN - ELECTRICAL
H3	LIGHT POLE DETAILS
H4	TRENCH DETAIL & CONCRETE WALL SECTION
H5	LIGHTING LOAD CENTER DETAILS

### LEGEND

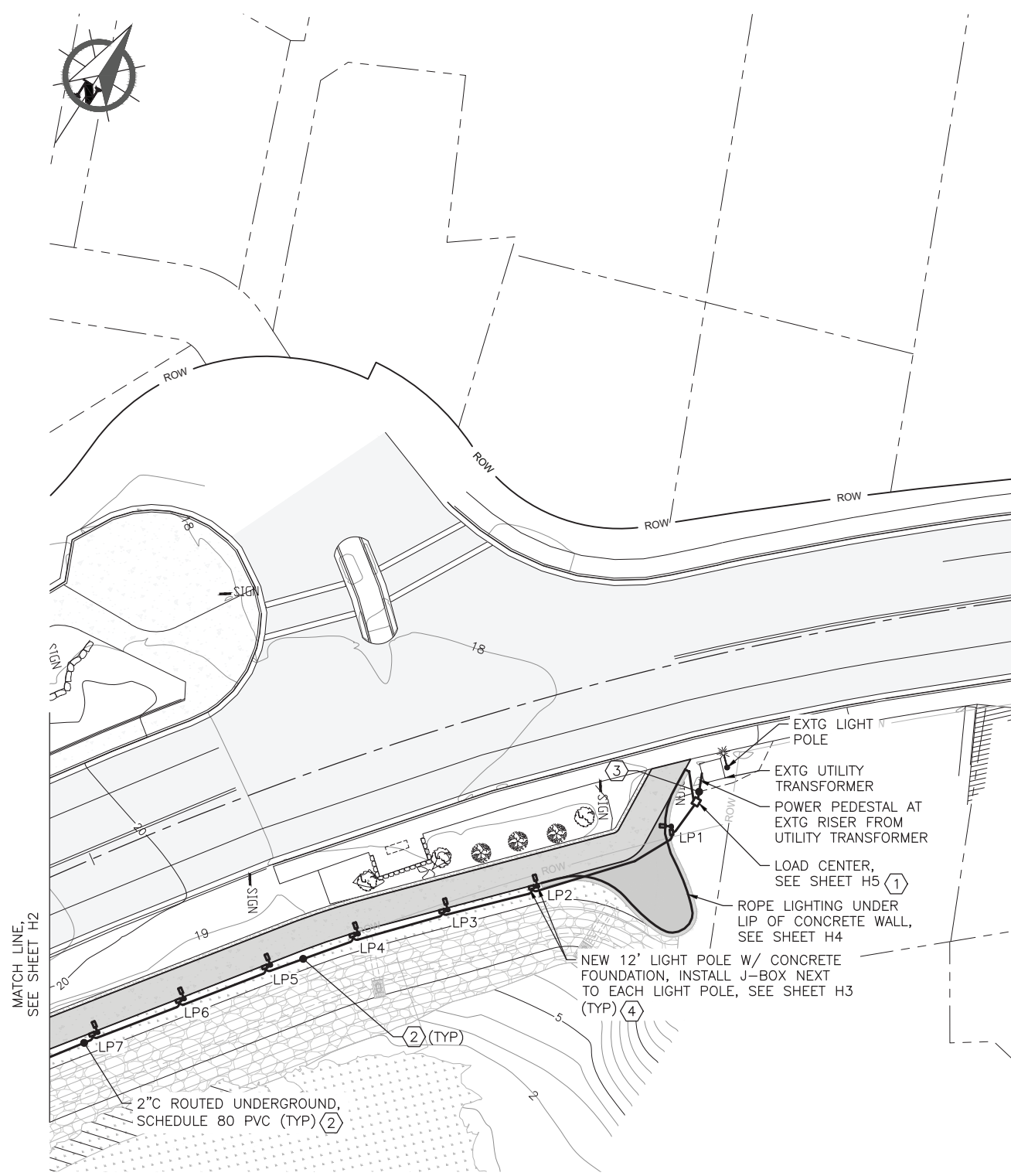
AFG	ABOVE FINISHED GRADE
UTILITY	SITKA ELECTRIC DEPARTMENT
APPROX	APPROXIMATELY
C	CONDUIT
CKT	CIRCUIT
CU	BARE COPPER
C/B	CIRCUIT BREAKER
20/1	CIRCUIT BREAKER (AMPS/POLES)
	CONTACTOR
DIST	DISTANCE
EXTG	EXISTING
GND	GROUND
GRS	GALVANIZED RIGID STEEL
HOA	HAND-OFF-AUTO
	HAND-OFF-AUTO SWITCH
J-BOX	JUNCTION BOX
LC	LIGHTING CONTACTOR
	LIGHT POLE WITH LUMINAIRE
MAX	MAXIMUM
M	METER
MIN	MINIMUM
NEC	NATIONAL ELECTRICAL CODE
PED	PEDESTAL
PE	PHOTOCELL
PVC	POLYVINYL CHLORIDE CONDUIT
	RECEPTACLE
REC	RECEPTACLE
TYP-#	TYPICAL
XFMR	TRANSFORMER

#### GENERAL NOTES:

- PERFORM ALL WORK PER NATIONAL ELECTRICAL CODE (NEC), 2020 EDITION.
- PERFORM ALL WORK AS SHOWN ON DRAWINGS AND AS REQUIRED TO PROVIDE OPERATIONAL SYSTEMS.
- COORDINATE WITH UTILITIES TO ALLOW THEM TO PERFORM THEIR WORK. UTILITY WORK WILL BE PAID FOR BY OTHERS. DO NOT INSTALL ANYTHING IN CONFLICT WITH UTILITIES. BRING ALL CONFLICTS TO THE ATTENTION OF THE ENGINEER. OBTAIN LOCATES BEFORE WORKING TO AVOID UTILITIES.
- ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 80 PVC, AND ALL CONDUIT ELBOWS INTO BASES OF LIGHT POLES AND LOAD CENTERS SHALL BE GRS. PROVIDE SCHEDULE 80 PVC WITHIN 10' OF LIGHT POLE FOUNDATIONS, JUNCTION BOXES AND CONCRETE STRUCTURES. INSTALL CONDUIT PER TRENCH DETAIL, SHEET H4.
- ALL WIRING SHALL BE COPPER CONDUCTORS, 600V RATED XHHW INSULATION. PROVIDE ADDITIONAL BARE GROUND. USE BARE GROUND TO GROUND LIGHT FIXTURES, LIGHT POLES, FOUNDATIONS, ETC. BOND GROUND TO LOAD CENTER AND LIGHT POLES.
- LOCATE EQUIPMENT WHERE SHOWN ON SITE PLAN.
- PROVIDE A FULLY OPERATIONAL LIGHTING SYSTEM. COORDINATE WITH POWER UTILITY TO PROVIDE A SERVICE TO THE LOAD CENTER. ROUTE 2" C FROM LOAD CENTER TO TRANSFORMER, UTILITY TO PROVIDE CONDUCTORS. UTILITY WORK TO BE PAID FOR BY OTHERS.
- INSTALL ALL STREET LIGHT POLES SO THAT FIXTURES ARE PERPENDICULAR TO CENTER LINE OF THE WALKWAY.
- COORDINATE ALL CONDUIT CROSSING WITH CIVIL INFRASTRUCTURE. NOT ALL CROSSINGS NOTED ON THE DRAWINGS. CALL FOR LOCATES.
- ALL CIRCUITS SHALL HAVE A DEDICATED EQUIPMENT GROUNDING CONDUCTOR.
- PROVIDE COMPLETE ELECTRICAL AS-BUILTS.
- THE GENERAL NOTES ON THIS SHEET APPLY TO ALL SHEETS IN THIS SET.
- COORDINATE WITH CIVIL WHEN CROSSING WATER AND SEWER PIPES. NOT ALL CROSSING IDENTIFIED AND NOT ALL ARE SHOWN. COORDINATE FOR ALL CROSSINGS. OBTAIN LOCATES PRIOR TO WORK.

#### KEYNOTES (APPLICABLE TO SHEETS H1 & H2):

- COORDINATE WITH UTILITY TO PROVIDE A 2" C WITH 120/240V, 1-PH, SERVICE TO NEW LOAD CENTER WHERE SHOWN.
- 2" C, 2 NO. 8 AND 1 NO. 10 BARE GND.
- 2" C, CONDUCTORS BY UTILITY (120/240V, 1-PH, SERVICE TO LIGHTING LOAD CENTER)
- POWER LIGHT POLE CIRCUITS VIA LIGHTING CONTACTOR IN LOAD CENTER. SEE DETAIL 1, SHEET H5 FOR LIGHTING CONTROL SCHEMATIC.
- COORDINATION WITH KCAW RADIO STATION IS REQUIRED TO PLACE LIGHT POLES SO THAT THEY DO NOT INTERFERE WITH SATELLITE DISH SIGNAL.



SITE PLAN - ELECTRICAL

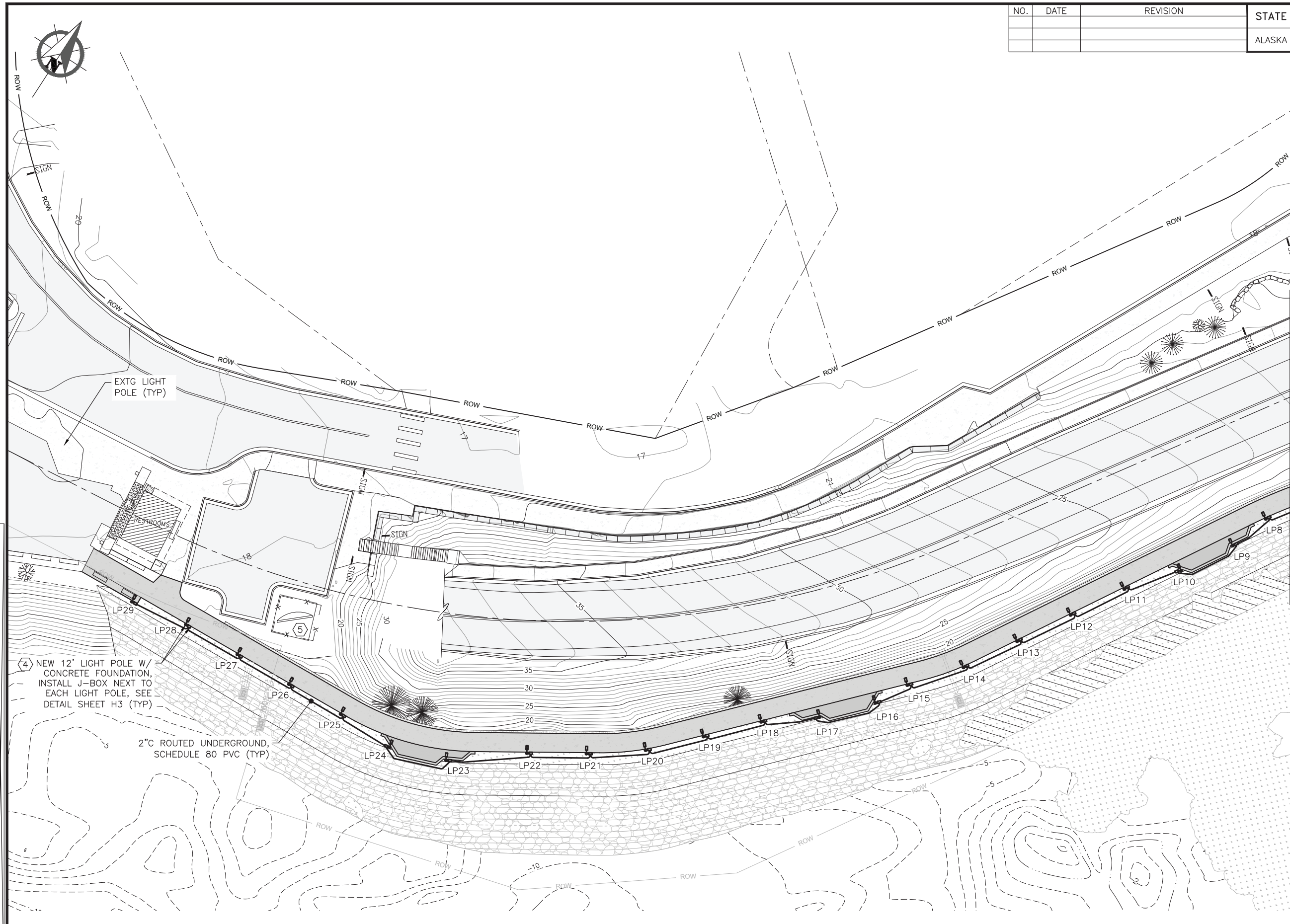
**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	H2	—



SHEET NOTE:  
SEE SHEET H1 FOR KEYNOTES.



EXTG LIGHT POLE (TYP)

4 NEW 12' LIGHT POLE W/ CONCRETE FOUNDATION, INSTALL J-BOX NEXT TO EACH LIGHT POLE, SEE DETAIL SHEET H3 (TYP)

2" C ROUTED UNDERGROUND, SCHEDULE 80 PVC (TYP)

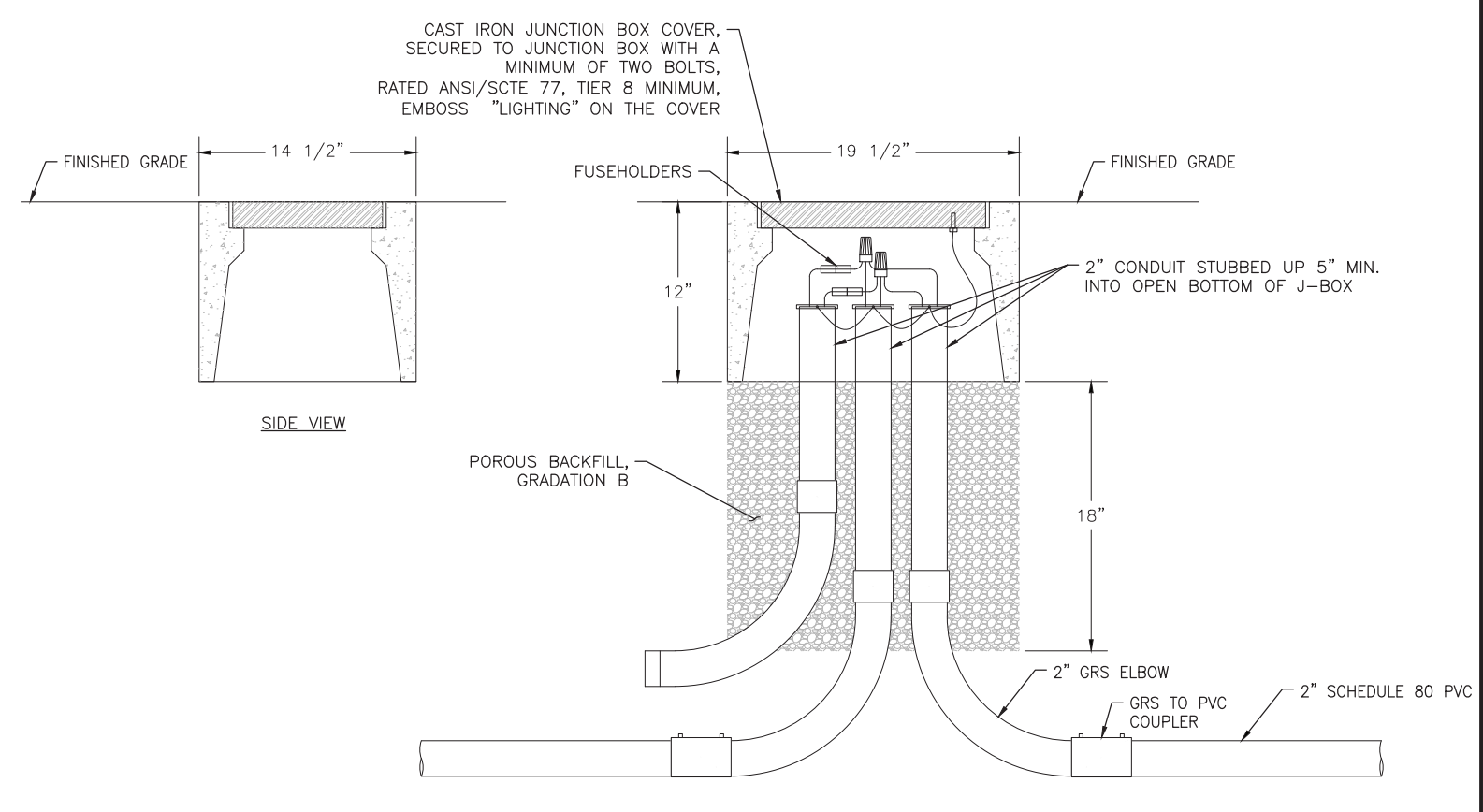
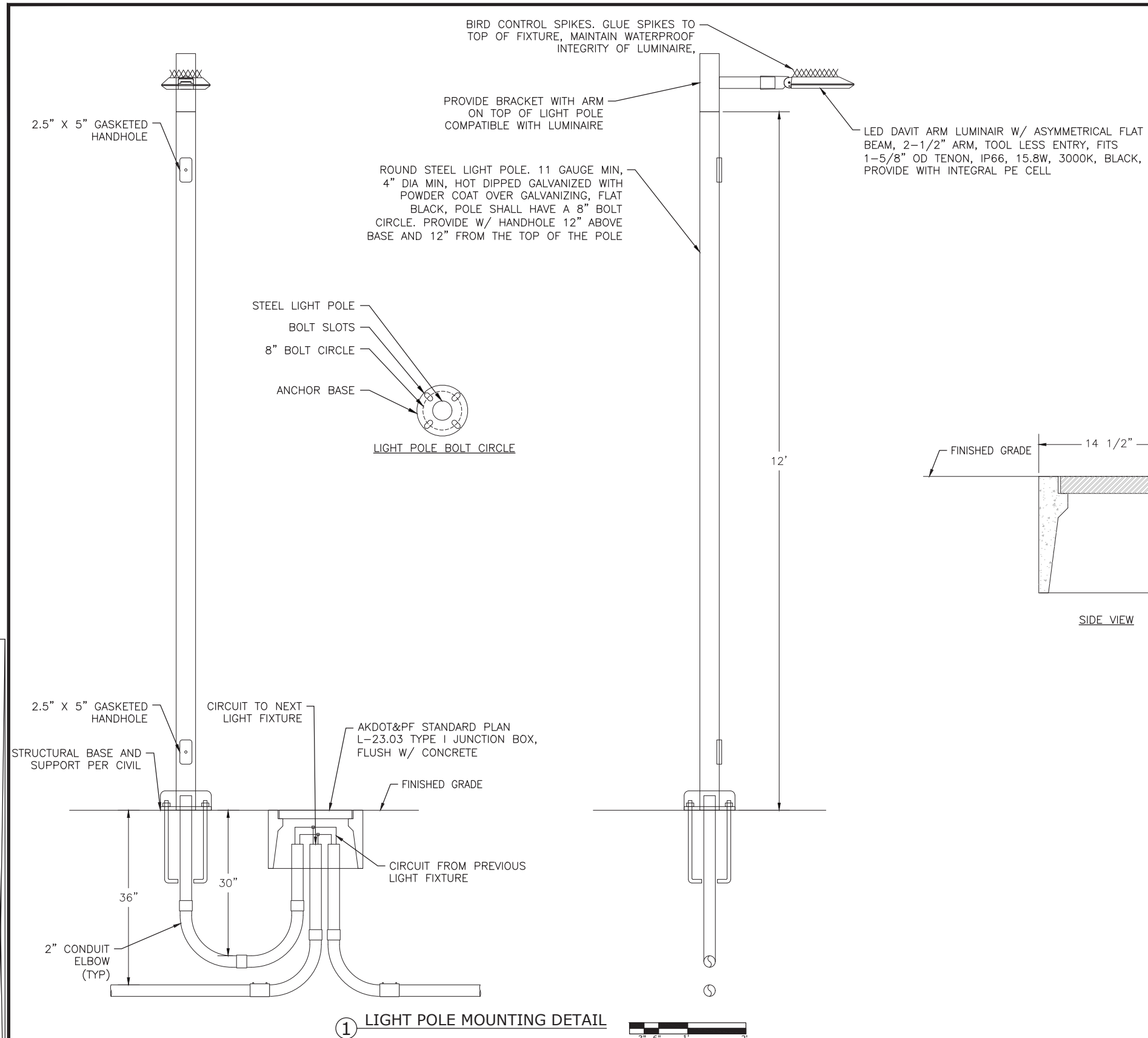
MATCH LINE, SEE SHEET H1

SCALE IN FEET  
0 20 40 FT.

SITE PLAN - ELECTRICAL

**75% PUBLIC INVOLVEMENT SUBMITTAL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00312 / AK SIT 2017(1)	2023	H3	---



NOTES:

1. SIZE LIGHT POLE WITH LUMINAIRE FOR 120 MPH SUSTAINED WINDS WITH GUSTS TO 150 MPH. LIGHT POLE DIMENSIONS SHOWN ARE A MINIMUM. PROVIDE CALCULATIONS SHOWING COMPLIANCE SEALED BY CIVIL ENGINEER REGISTERED IN ALASKA.

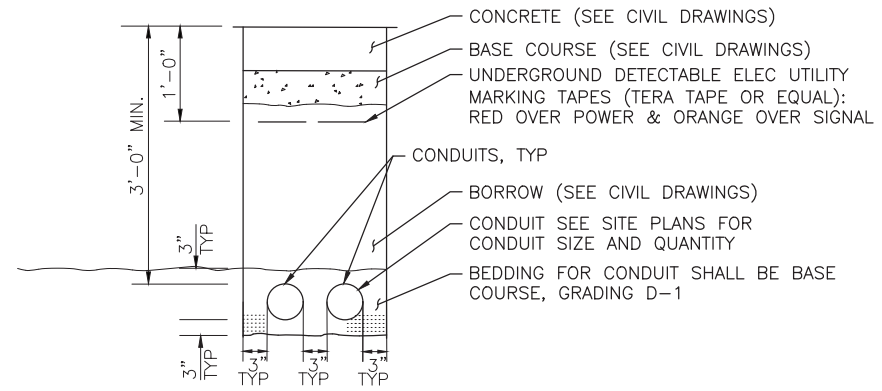
NOTES:

1. ALL SPLICES SHALL BE MADE WITH WATERPROOF WIRE CONNECTORS.
2. PROVIDE GROUNDING BUSHINGS ON ALL CONDUITS. BOND EACH BUSHING TO EACH OTHER, TO THE JUNCTION BOX COVER, AND TO EQUIPMENT GROUNDING CONDUCTORS WITH 8 AWG COPPER BONDING CONDUCTOR. BOND TO COVER SHALL BE MADE WITH A TINNED COPPER BRAIDED BONDING JUMPER.
3. PROVIDE TWO SUBMERSIBLE IN-LINE FUSE HOLDERS IN EACH JUNCTION BOX TO FEED THE LUMINAIRE. CLASS CC, 1/4 A FUSES.

LIGHT POLE DETAILS

75% PUBLIC INVOLVEMENT SUBMITTAL

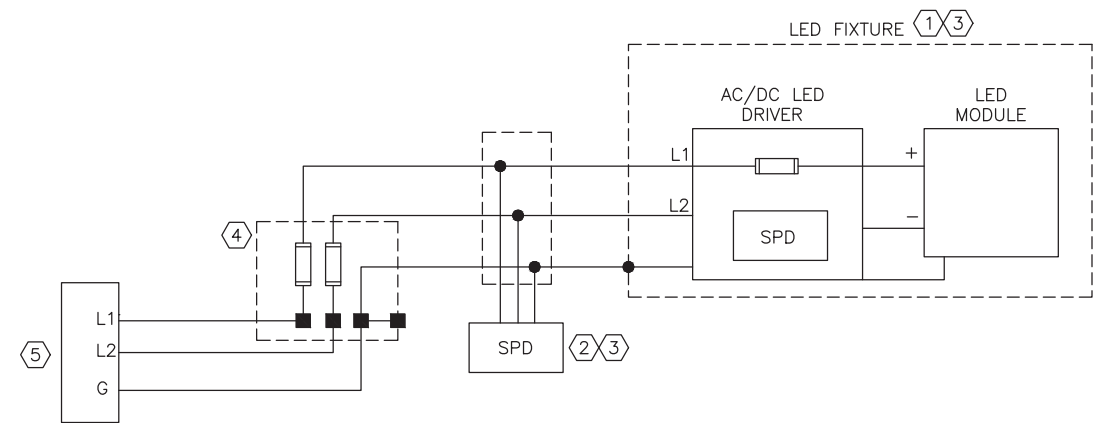
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00312 / AK SIT 2017(1)	2023	H4	---



① TRENCH DETAIL  
NO SCALE

DETAIL NOTES (APPLICABLE TO DETAIL 1):

- ALL DIMENSIONS ARE MINIMUM.
- SEE CIVIL DRAWINGS FOR TYPICAL SECTIONS UNDER PAVED AREAS. PROVIDE BACKFILL (MATERIAL, COMPACTION, ETC.) PER THE CIVIL DRAWINGS. WHERE NOT UNDER PAVEMENT, PROVIDE D1 IN THE TOP 12" WITH SELECT BORROW BELOW.
- THE LOCATION OF ALL EXISTING PIPING, CONDUIT, ETC MAY NOT BE WHERE SHOWN AND MAY NOT BE SHOWN. ALL LOCATIONS THAT ARE SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED. OBTAIN UTILITY LOCATES PRIOR TO DIGGING. DIG WITH CAUTION. AVOID WATER, SEWER, DRAINAGE PIPES AND OTHER CONFLICTS.
- SAWCUT AND REPLACE ASPHALT, CONCRETE, Z E CONCRETE CURB, GUTTER, SIDEWALKS, ETC. AS NECESSARY TO INSTALL CONDUIT AND OTHER ELECTRICAL ITEMS. SAWCUT ASPHALT BACK 18" ON EACH SIDE OF EDGE OF TRENCH OR EXCAVATION AREA (ALL SIDES). THERE SHALL BE 18" OF UNDISTURBED SOIL BETWEEN EDGE OF SAWCUT AND EXCAVATION LIMITS. ALL TRENCHES SHALL BE 18" WIDE MINIMUM. COMPACT BACKFILL TO 95%. COMPACT D-1 TO 100% WHERE COVERED WITH PAVEMENT. RE-PAVE SAWCUT AREAS PER PAVING SPECIFICATIONS.
- MODIFY CONDUIT BURIAL DEPTH WHERE SHOWN ON DRAWINGS AND AS REQUIRED TO AVOID ALL OBSTACLES. ROUTE BELOW OBSTACLES.



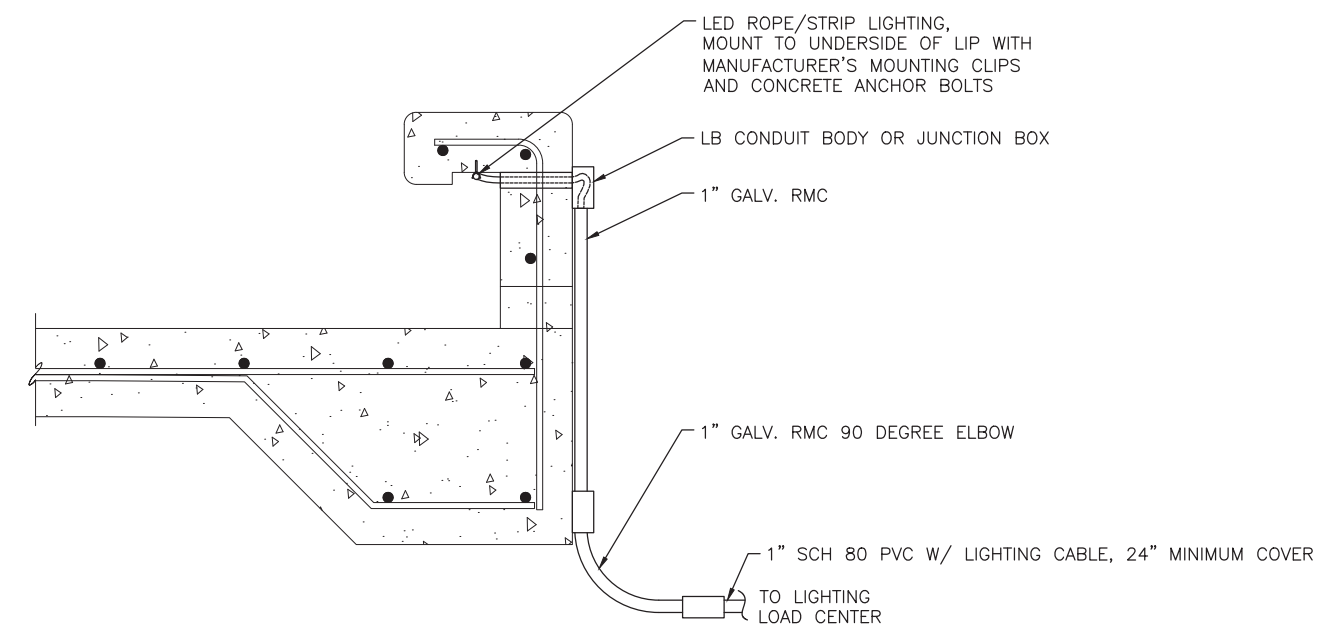
② LIGHT POLE FUSE HOLDER AND SPD WIRING DIAGRAM

DETAIL NOTES (APPLICABLE TO DETAIL 2):

- KEEP WIRES AS STRAIGHT AND SHORT AS POSSIBLE.
- ROUND WIRES RATHER THEN BENDING AT A HARD 90 DEGREE ANGLE.
- DO NOT CROSS OR OVERLAP PROTECTED WIRES (THOSE AFTER THE SPD, EITHER AC OR DC WIRES).
- ONLY ONE EXTERNAL SPD REQUIRED PER POLE, REGARDLESS OF THE NUMBER OF FIXTURE HEADS ON THE POLE.
- SEE DETAIL 1, SHEET H3, FOR POLE ELEVATION

KEYNOTES (APPLICABLE TO DETAIL 2):

- OVERALL LED FIXTURE WITH FUSED DRIVER FURNISHED WITH INTEGRAL AND INTERNAL SPD.
- CIRCUIT EXTERNAL LED FIXTURE SPD AS SHOWN. MAKE PARALLEL CONNECTION INTO CIRCUIT. SIZE MATCHED TO CIRCUIT CONDUCTORS SIZES. SPD SHALL BE LITTELFUSE LSP10 OR EATON MTL LS10N OR EQUAL. SPD TO INCLUDE OPTIONAL END OF LIFE INDICATOR LED.
- CO-LOCATE EXTERNAL SPD WITHIN LIGHT FIXTURE HOUSING IF ACCEPTABLE TO FIXTURE MANUFACTURER. OTHERWISE INSTALL WITHIN POLE IMMEDIATELY ADJACENT TO FIXTURE MOUNTING LOCATION.
- FUSE HOLDER AT TYPE 1 JUNCTION BOX. SEC 1791-SF OR EATON HEZ-AA. PROVIDE WITH CLASS CC FAST ACTING FUSE SIZED PER SELECTED FIXTURE LOAD REQUIREMENT.
- LOAD CENTER.

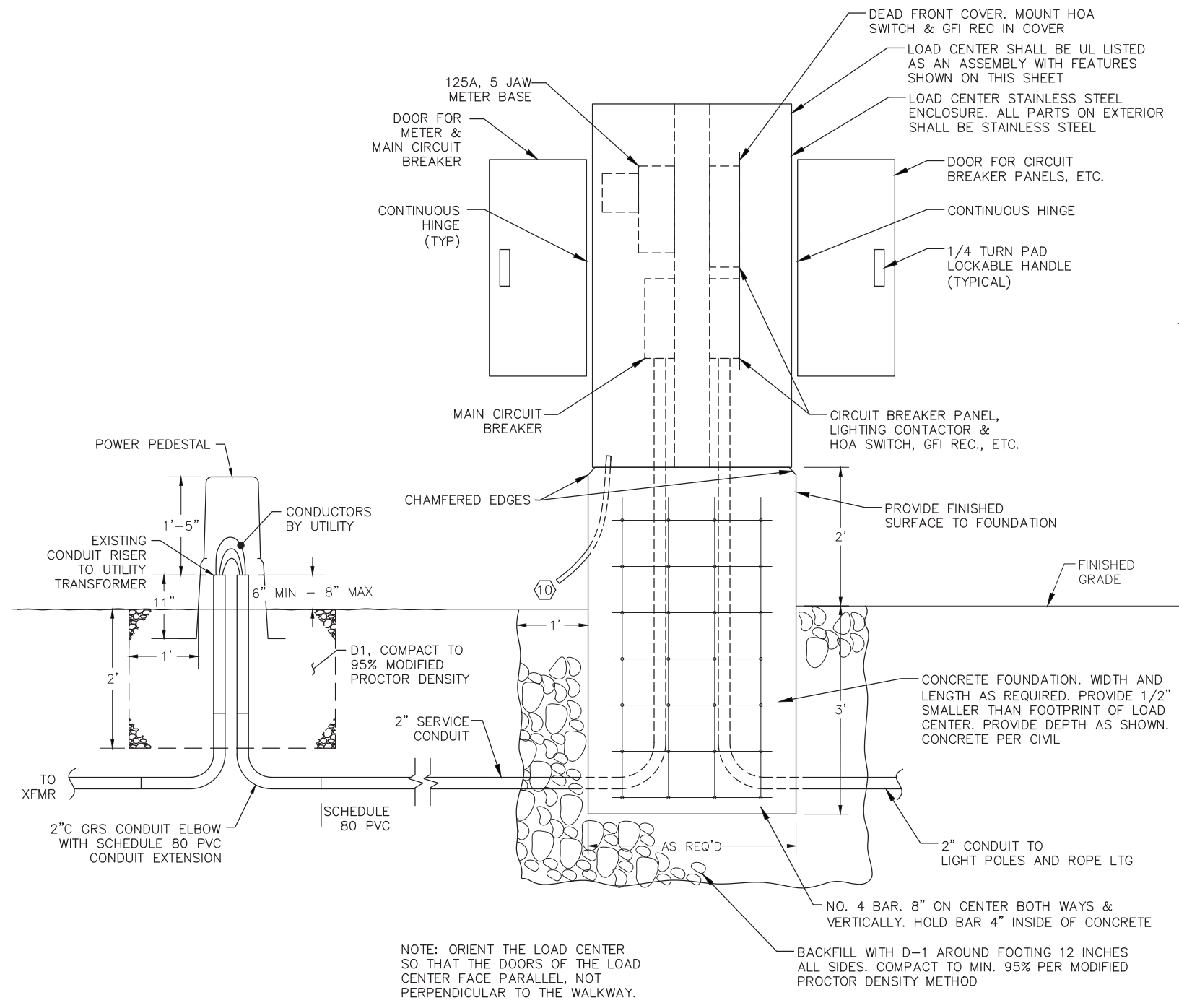


③ LOOKOUT NODE WALL DETAIL SECTION  
NO SCALE

TRENCH DETAIL & CONCRETE WALL SECTION

75% PUBLIC INVOLVEMENT SUBMITTAL

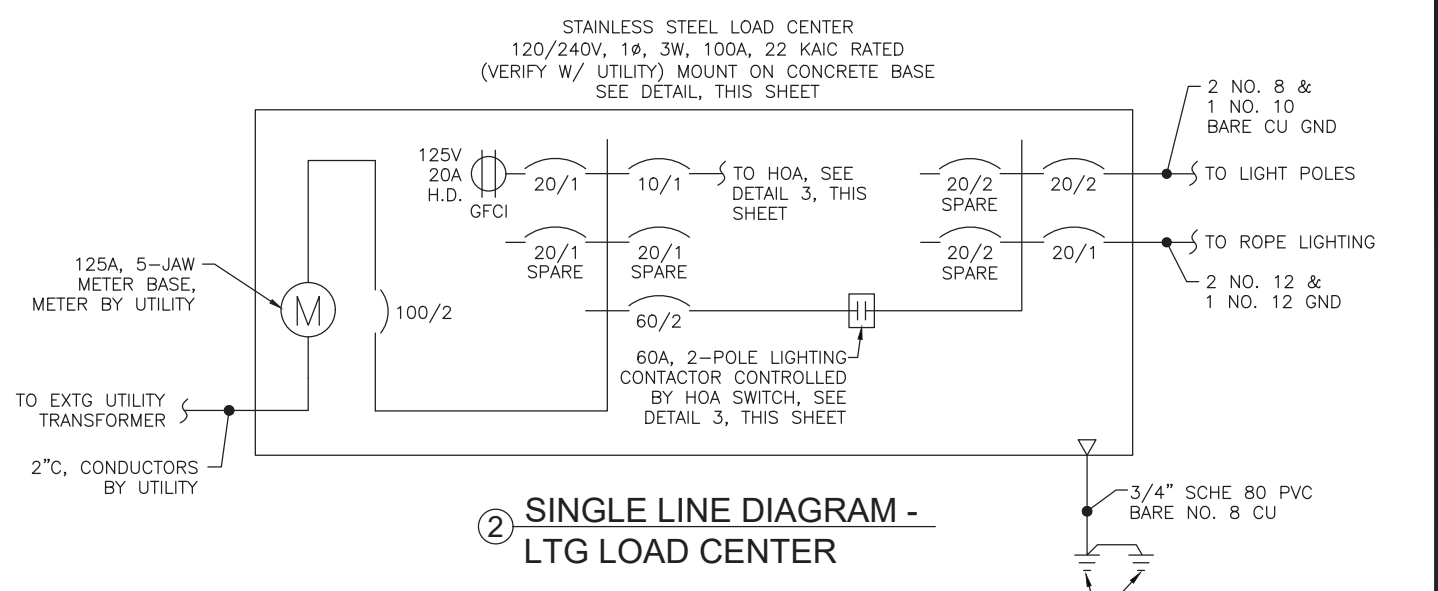
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	H5	---



**① LIGHTING LOAD CENTER W/ POWER PEDESTAL**

NOTES (APPLICABLE TO DETAIL 1):

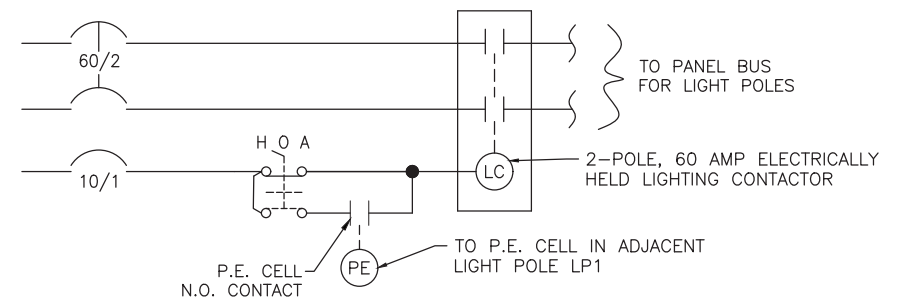
- THE LIGHTING CONTACTOR SHALL BE CONTROLLED BY THE PHOTOCELL WHEN THE HOA SWITCH IS IN THE AUTOMATIC POSITION.
- A STATE OF ALASKA DOT/PF STANDARD LOAD CENTER FOR HIGHWAY ILLUMINATION MAY BE SUBSTITUTED FOR THE LOAD CENTER SHOWN. COMPLY WITH THE ELECTRICAL REQUIREMENTS SHOWN.
- INSTALL GROUNDING HUBS, THIRD PARTY CERTIFIED FOR WET LOCATIONS (MYERS TYPE), WHEN ATTACHING CONDUITS TO THE LOAD CENTER ENCLOSURE.
- LABEL ALL CIRCUIT BREAKERS AS TO FUNCTION AND POSITION. LABEL THE SELECTOR SWITCH "LIGHTING" AND ITS POSITIONS "ON-OFF-AUTO".
- STORE A SCHEMATIC DIAGRAM, A CIRCUIT DIRECTORY, AND A MATERIALS LIST THAT INCLUDES THE MANUFACTURER'S NAME AND PART/CATALOG NUMBERS, ALL LAMINATED IN PLASTIC, IN A METAL POCKET ATTACHED TO THE INSIDE OF THE LOAD CENTER. INSTALL THE POCKET ON THE LOAD CENTER DOOR AND PROVIDE DRAIN HOLES IN THE LOAD CENTER TO PREVENT WATER ACCUMULATION.
- PROVIDE ALL CIRCUIT BREAKERS SHOWN. PROVIDE CONDUCTORS FROM CIRCUIT BREAKERS TO TERMINATION POINT (JUNCTION BOX OR LIGHT POLE) FOR EACH CIRCUIT.
- ORIENT THE LOAD CENTER SO THAT THE DOORS OF THE LOAD CENTER FACE ALONG, NOT ACROSS THE STREET.
- OBTAIN ALL PARTS FOR POWER PEDESTAL FROM UTILITY.
- INSTALL PER UTILITY REQUIREMENTS. OBTAIN INSPECTION FROM UTILITY ENGINEER. MAKE CHANGES IN INSTALLATION AS DIRECTED BY UTILITY.
- 3/4" SCH 80 PVC, NO. 8 CU GROUND TO (2) GROUND RODS SPACES 10' APART.



**② SINGLE LINE DIAGRAM - LTG LOAD CENTER**

DETAIL NOTES (APPLICABLE TO DETAIL 2):

- THE LIGHTING CONTACTOR SHALL BE CONTROLLED BY THE P.E. CELL WHEN THE HOA SWITCH IS IN THE AUTOMATIC POSITION.
- INSTALL GROUNDING HUBS, THIRD PARTY CERTIFIED FOR WET LOCATIONS (MYERS TYPE), WHEN ATTACHING CONDUITS TO THE LOAD CENTER ENCLOSURE.
- LABEL ALL CIRCUIT BREAKERS AS TO FUNCTION AND POSITION. LABEL THE SELECTOR SWITCH "LIGHTING" AND ITS POSITIONS "ON-OFF-AUTO".
- STORE A SCHEMATIC DIAGRAM, A CIRCUIT DIRECTORY, AND A MATERIALS LIST THAT INCLUDES THE MANUFACTURER'S NAME AND PART/CATALOG NUMBERS, ALL LAMINATED IN PLASTIC, IN A METAL POCKET ATTACHED TO THE INSIDE OF THE LOAD CENTER. INSTALL THE POCKET ON THE LOAD CENTER DOOR AND PROVIDE DRAIN HOLES IN THE LOAD CENTER TO PREVENT WATER ACCUMULATION.



**③ LIGHTING CONTROL SCHEMATIC**

LIGHTING LOAD CENTER DETAILS

**75% PUBLIC INVOLVEMENT SUBMITTAL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWWY00312 / AK SIT 2017(1)	2023	L1	---

BARANOF  
CASTLE STATE  
HISTORICAL SITE

AREA UNDER BRIDGE

HARBOR WAY

HARBOR DRIVE  
O'CONNEL BRIDGE

HARBOR DRIVE

BEGINNING OF  
PROJECT  
MATCH EXISTING  
STA. 4+25.30

LOOKOUT NODE

FUTURE  
FORMLINE PLAZA  
TBD BY ARTIST

MATCH EXISTING  
END OF PROJECT  
STA. 11+66.75

PROJECT LIMIT

OVERLOOK, TYP.

RIGHT-OF-WAY

8' WIDE SEAWALK

ARMOR ROCK SLOPE

EXISTING EEL  
GRASS BED, TYP.

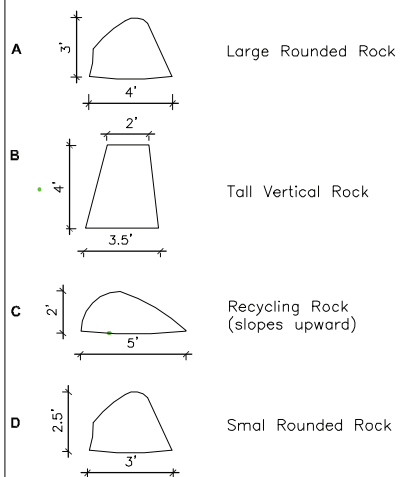
**REFERENCE NOTES SCHEDULE**

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
	Bench, Type 2	7
	Bear Saver Trash Receptacle	2
SYMBOL	SOILS DESCRIPTION	QTY
	Landscape Bed - Planting Soil, 12" depth	14.84 cy

**BOULDER SCHEDULE**

OTHER FEATURES	CODE	QTY	BOTANICAL / COMMON NAME
	A	21	Boulder Type A
	B	29	Boulder Type B
	C	30	Boulder Type C
	D	20	Boulder Type D

**BOULDER DESCRIPTION**

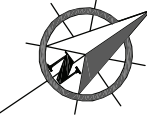
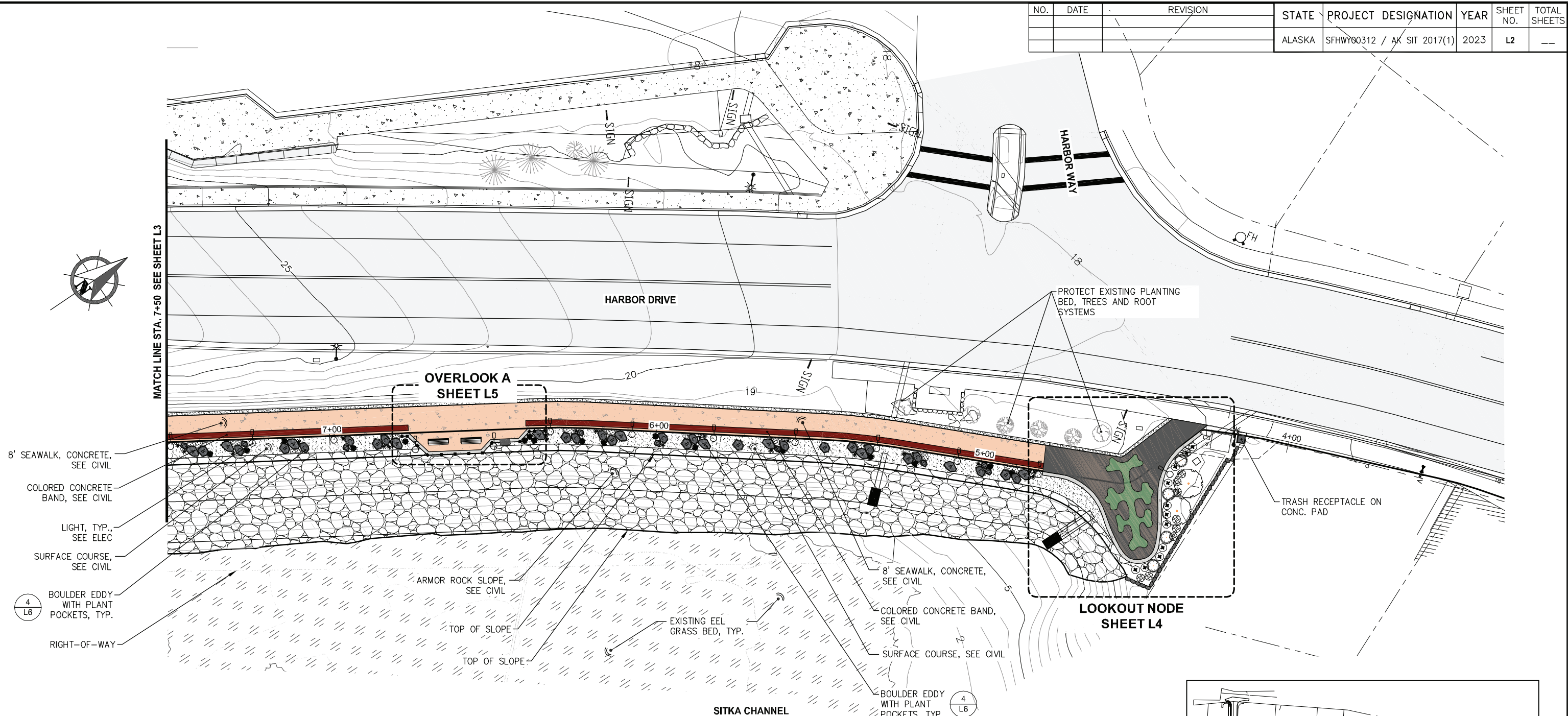


SCALE IN FEET  
0 20 40 FT.

OVERALL LANDSCAPE  
PLAN

75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	L2	---



- 8' SEAWALK, CONCRETE, SEE CIVIL
- COLORED CONCRETE BAND, SEE CIVIL
- LIGHT, TYP., SEE ELEC
- SURFACE COURSE, SEE CIVIL
- BOULDER EDDY WITH PLANT POCKETS, TYP. (4/L6)
- RIGHT-OF-WAY

PROTECT EXISTING PLANTING BED, TREES AND ROOT SYSTEMS

TRASH RECEPTACLE ON CONC. PAD

LOOKOUT NODE SHEET L4

SITKA CHANNEL

**REFERENCE NOTES SCHEDULE 2A**

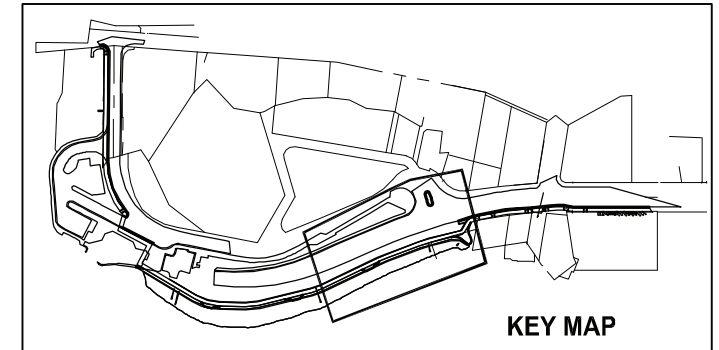
SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
	Bench, Type 2	2
	Bear Saver Trash Receptacle	1

**BOULDER EDDY PLANTING NOTES:**

- SOIL:** Where planting materials are installed adjacent to boulders, excavate as necessary to achieve soil depths per planting details.
- PLANTS:** Nursery grown to ANSI Z60.1 standards.
- See planting details on sheets L7 for planting of perennial/grasses.

OTHER FEATURES	CODE	QTY	BOTANICAL / COMMON NAME
	A	11	Boulder Type A
	B	11	Boulder Type B
	C	13	Boulder Type C
	D	9	Boulder Type D

PLANT SCHEDULE 2A							
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	NOTES	SPACING
	CN	17	Calamagrostis nutkoensis Pacific Reed Grass	#2			2' o.c.
PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	NOTES	SPACING
	IS	23	Iris setosa Alaska Wild Iris	#1	CG	2-3 Fan (stem)	1.5' o.c.
BORDER PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	NOTES	SPACING
	FC	62	Fragaria chiloensis Beach Strawberry	SP#1	CG		triang spacing @ 12" oc

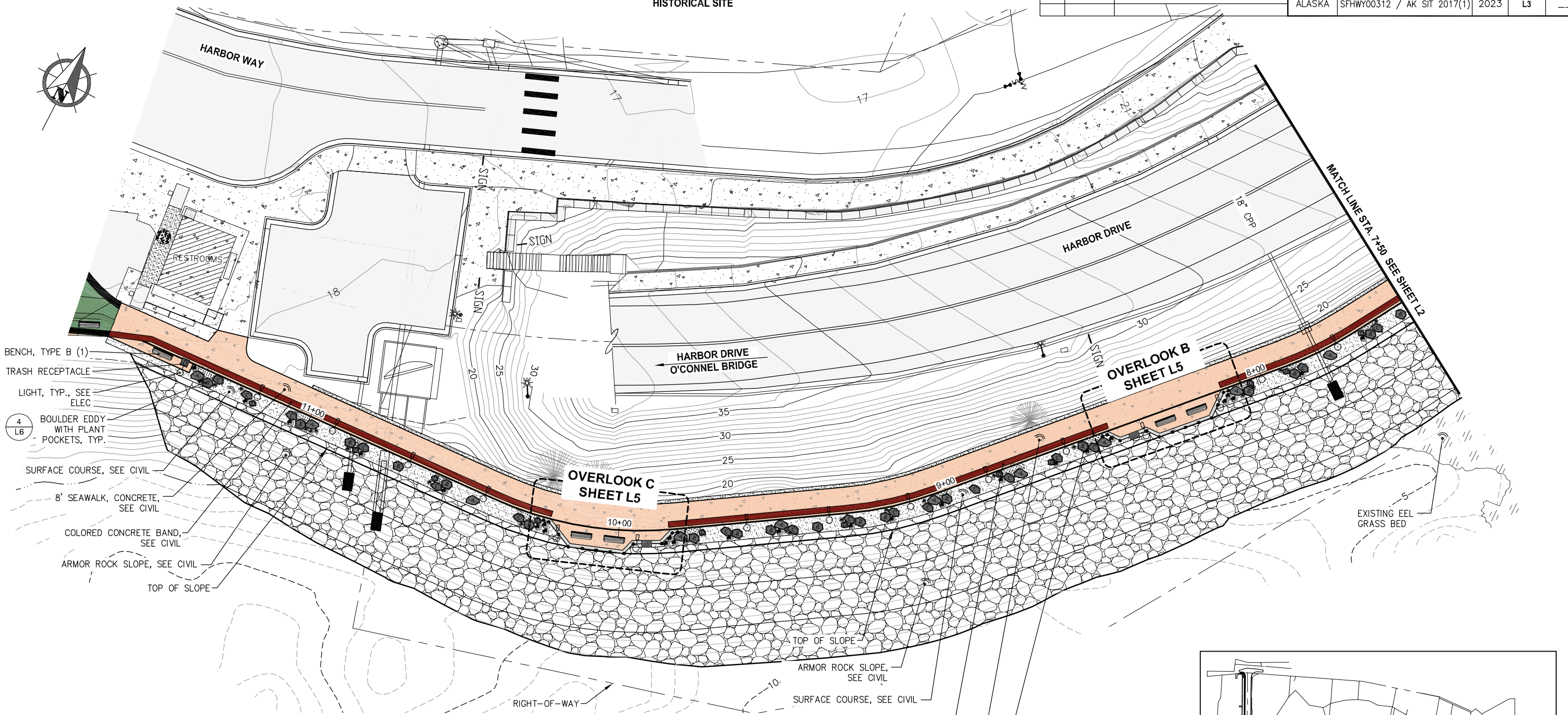


**SECTION 2A  
LANDSCAPE PLAN**

**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**

BARANOF CASTLE STATE  
HISTORICAL SITE

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWHY00312 / AK SIT 2017(1)	2023	L3	---



- BENCH, TYPE B (1)
- TRASH RECEPTACLE
- LIGHT, TYP., SEE ELEC
- BOULDER EDDY WITH PLANT POCKETS, TYP.
- SURFACE COURSE, SEE CIVIL
- 8' SEAWALK, CONCRETE, SEE CIVIL
- COLORED CONCRETE BAND, SEE CIVIL
- ARMOR ROCK SLOPE, SEE CIVIL
- TOP OF SLOPE

**REFERENCE NOTES SCHEDULE 2B**

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
	Bench, Type 2	5
	Bear Saver Trash Receptacle	1

**BOULDER EDDY PLANTING NOTES:**

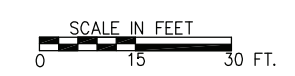
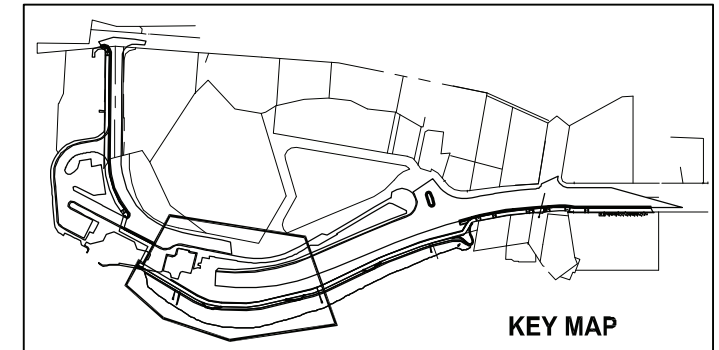
- SOIL:** Where planting materials are installed adjacent to boulders, excavate as necessary to achieve soil depths per planting details.
- PLANTS:** Nursery grown to ANSI Z60.1 standards.
- See planting details on sheets L7 for planting of perennial/grasses.

**BOULDER SCHEDULE 2B**

OTHER FEATURES	CODE	QTY	BOTANICAL / COMMON NAME
	A	10	Boulder Type A
	B	18	Boulder Type B
	C	17	Boulder Type C
	D	11	Boulder Type D

**PLANT SCHEDULE 2B**

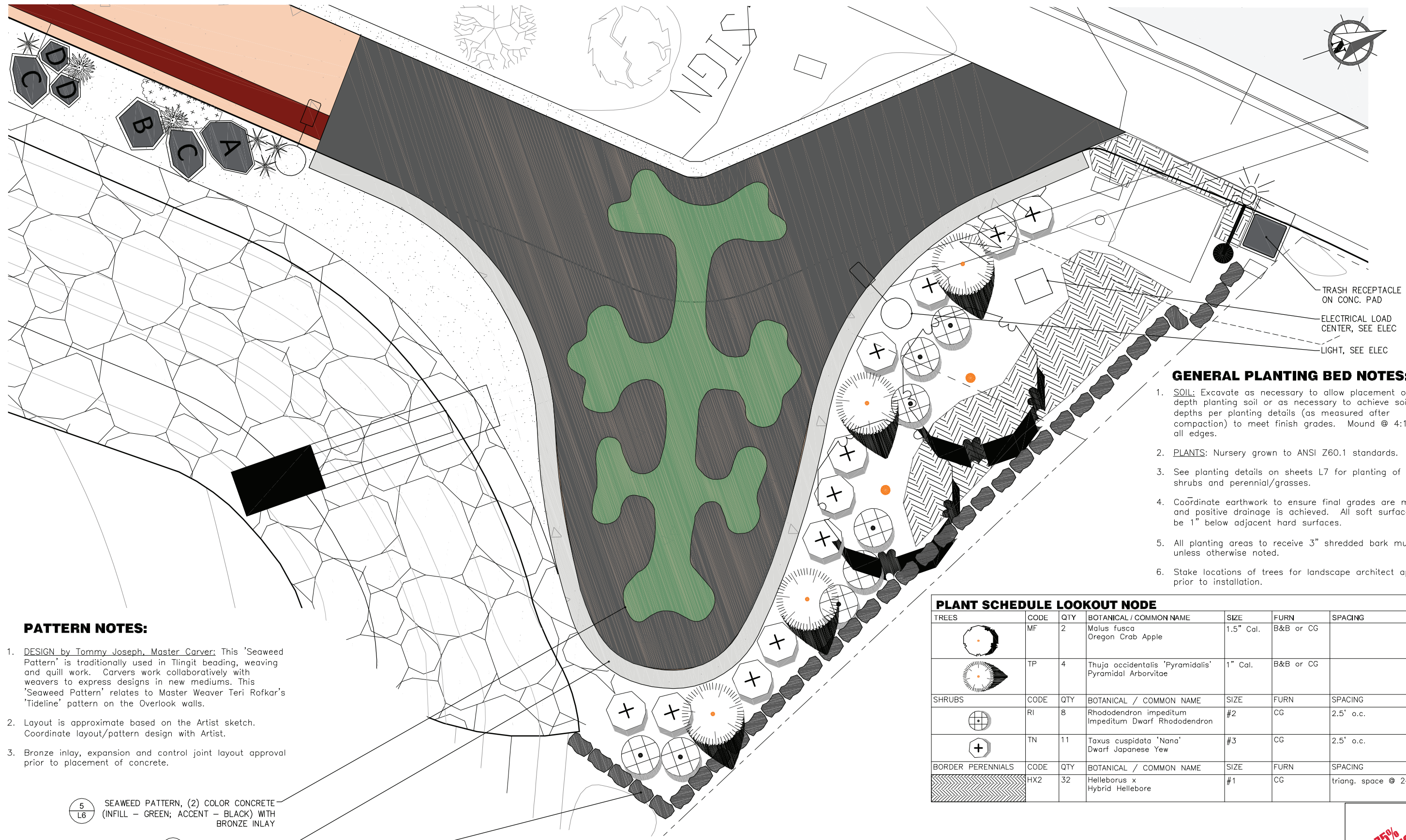
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	NOTES	SPACING
	CN	26	Calamagrostis nutkaensis Pacific Reed Grass	#2			2' o.c.
PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	NOTES	SPACING
	IS	20	Iris setosa Alaska Wild Iris	#1	CG	2-3 Fan (stem)	1.5' o.c.
BORDER PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	NOTES	SPACING
	FC	80	Fragaria chiloensis Beach Strawberry	SP#1	CG		triang spacing @ 12" oc



**SECTION 2B  
LANDSCAPE PLAN**

**75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00312 / AK SIT 2017(1)	2023	L4	---



**PATTERN NOTES:**

1. DESIGN by Tommy Joseph, Master Carver: This 'Seaweed Pattern' is traditionally used in Tlingit beading, weaving and quill work. Carvers work collaboratively with weavers to express designs in new mediums. This 'Seaweed Pattern' relates to Master Weaver Teri Rofkar's 'Tideline' pattern on the Overlook walls.
2. Layout is approximate based on the Artist sketch. Coordinate layout/pattern design with Artist.
3. Bronze inlay, expansion and control joint layout approval prior to placement of concrete.

5  
L6 SEAWEEED PATTERN, (2) COLOR CONCRETE (INFILL - GREEN; ACCENT - BLACK) WITH BRONZE INLAY

3  
L6 LOOKOUT NODE WALL

6  
L6 ROCKERY EDGE FOR NEW PLANTING BED

**GENERAL PLANTING BED NOTES:**

1. SOIL: Excavate as necessary to allow placement of 12" depth planting soil or as necessary to achieve soil depths per planting details (as measured after compaction) to meet finish grades. Mound @ 4:1 from all edges.
2. PLANTS: Nursery grown to ANSI Z60.1 standards.
3. See planting details on sheets L7 for planting of trees, shrubs and perennial/grasses.
4. Coordinate earthwork to ensure final grades are met and positive drainage is achieved. All soft surfaces to be 1" below adjacent hard surfaces.
5. All planting areas to receive 3" shredded bark mulch unless otherwise noted.
6. Stake locations of trees for landscape architect approval prior to installation.

**PLANT SCHEDULE LOOKOUT NODE**

TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	SPACING
	MF	2	Malus fusca Oregon Crab Apple	1.5" Cal.	B&B or CG	
	TP	4	Thuja occidentalis 'Pyramidalis' Pyramidal Arborvitae	1" Cal.	B&B or CG	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	SPACING
	RI	8	Rhododendron impeditum Impeditum Dwarf Rhododendron	#2	CG	2.5' o.c.
	TN	11	Taxus cuspidata 'Nana' Dwarf Japanese Yew	#3	CG	2.5' o.c.
BORDER PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	FURN	SPACING
	HX2	32	Helleborus x Hybrid Hellebore	#1	CG	triang. space @ 24" oc

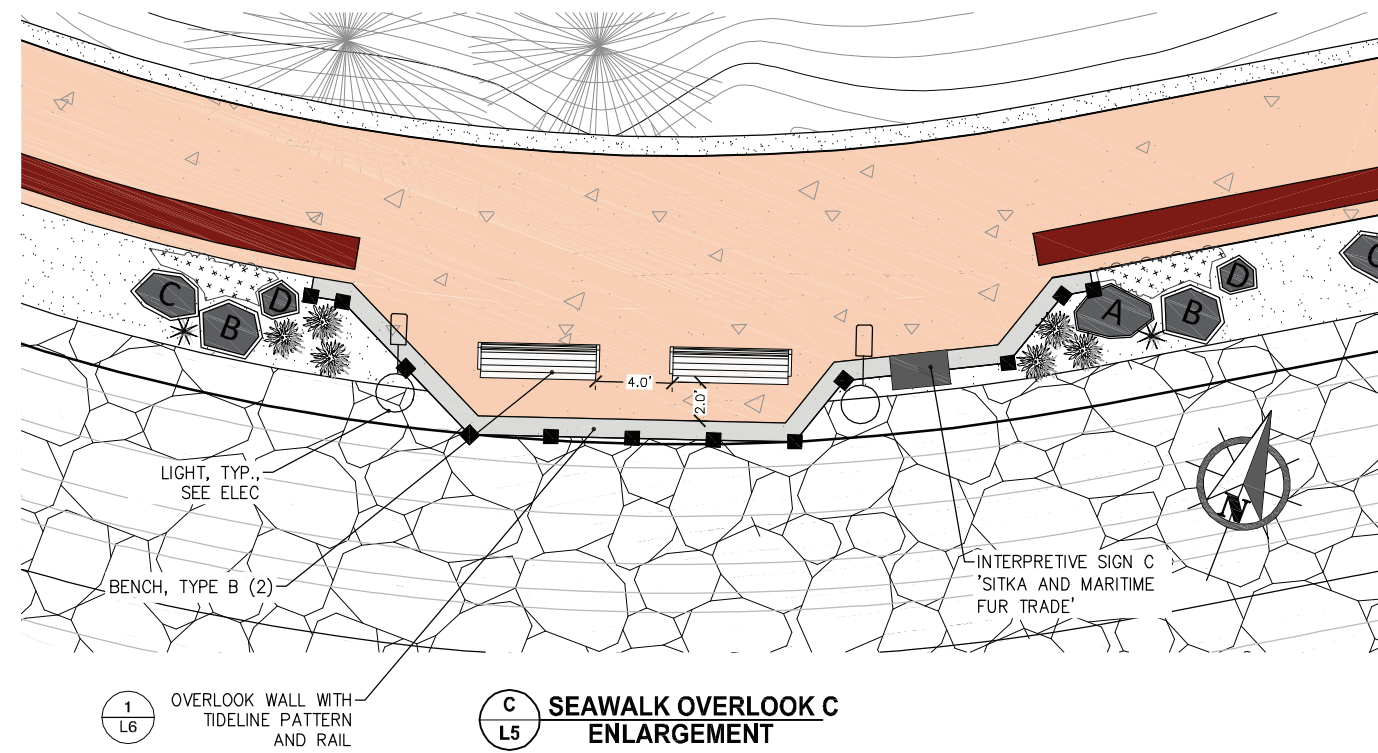
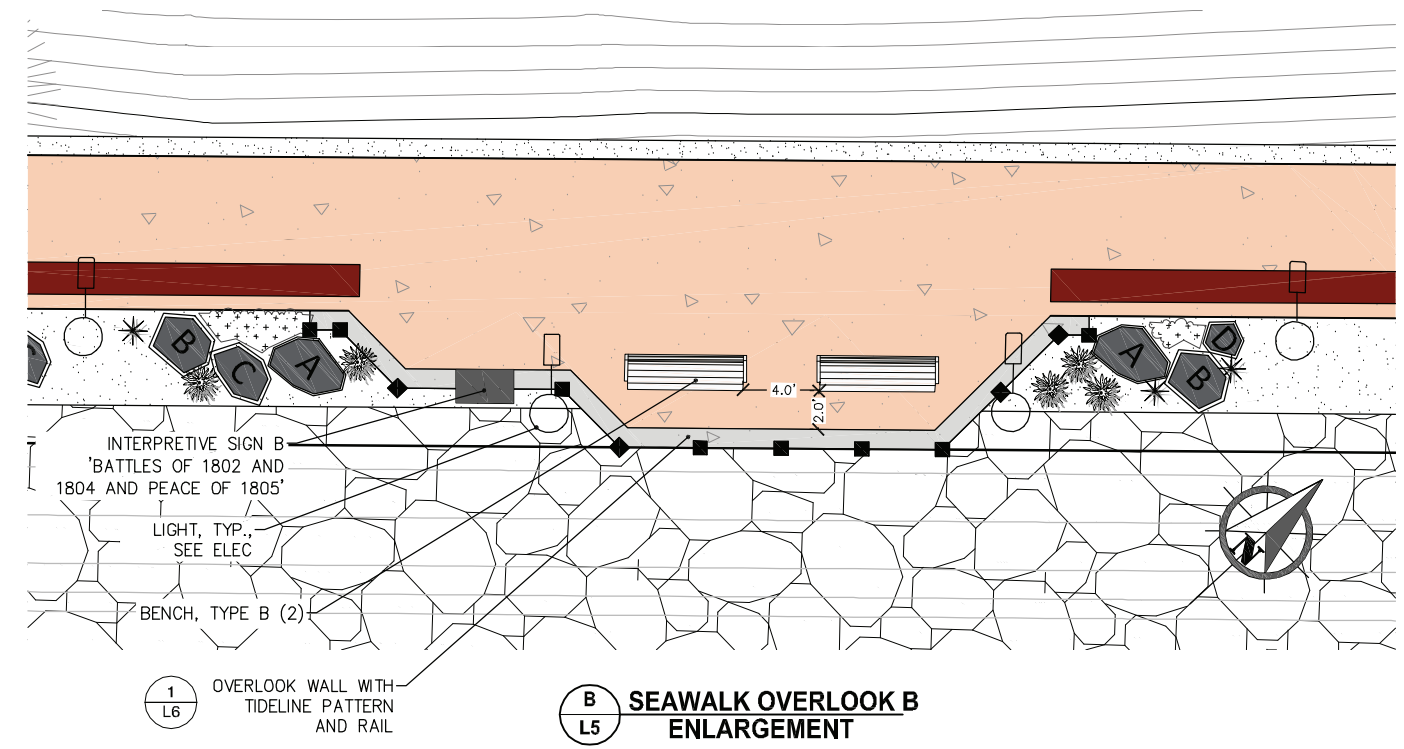
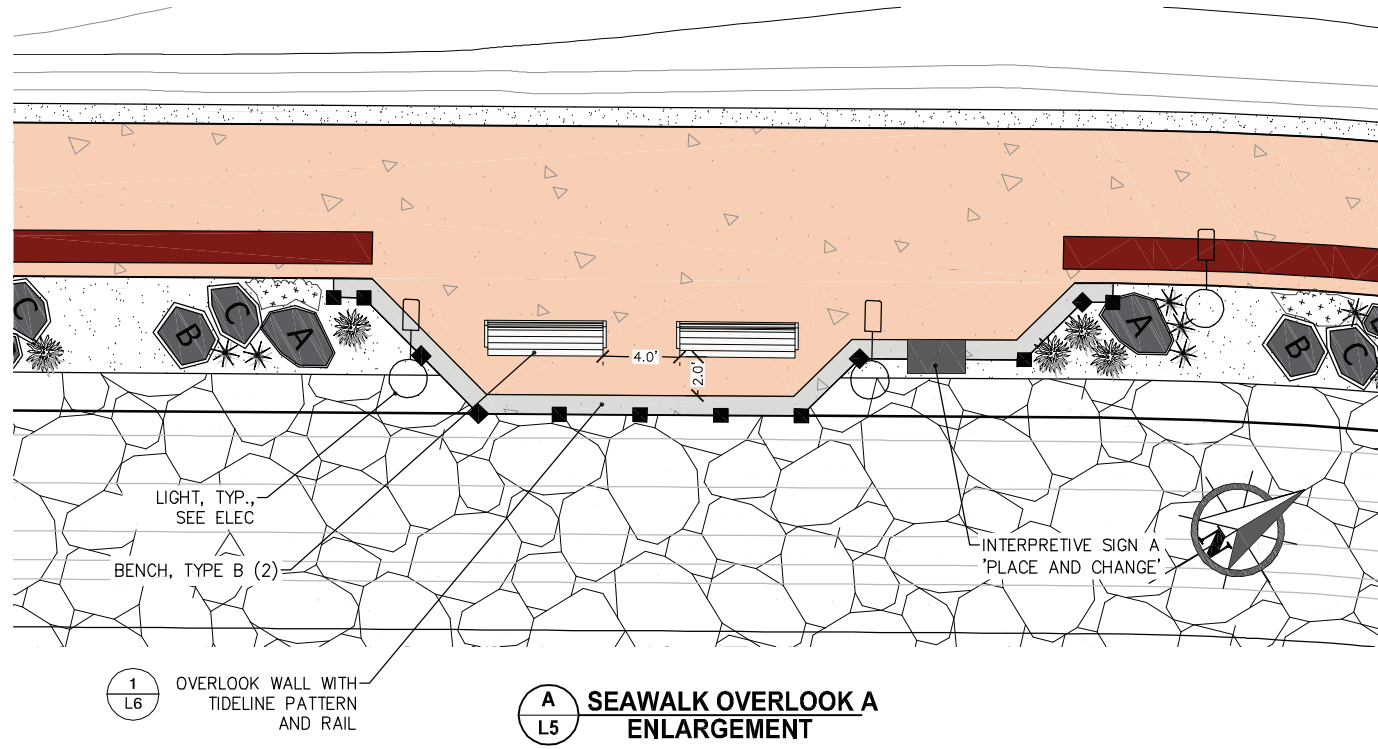


LOOKOUT NODE

75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00312 / AK SIT 2017(1)	2023	L5	---

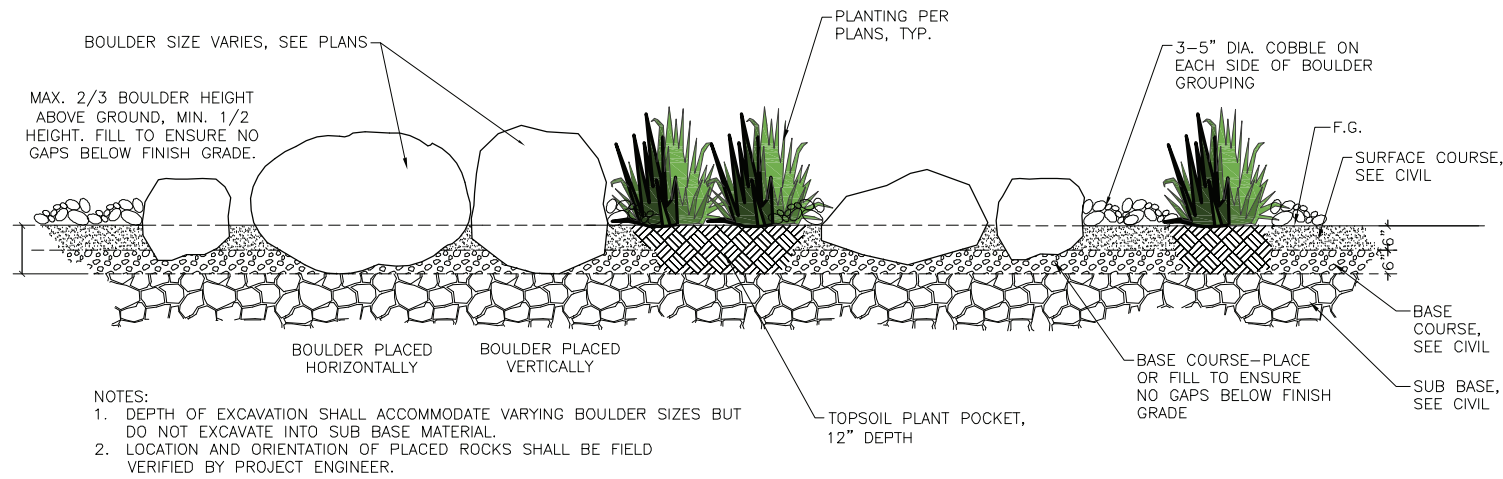


SCALE IN FEET  
0 6 FT.

## OVERLOOK ENLARGEMENTS

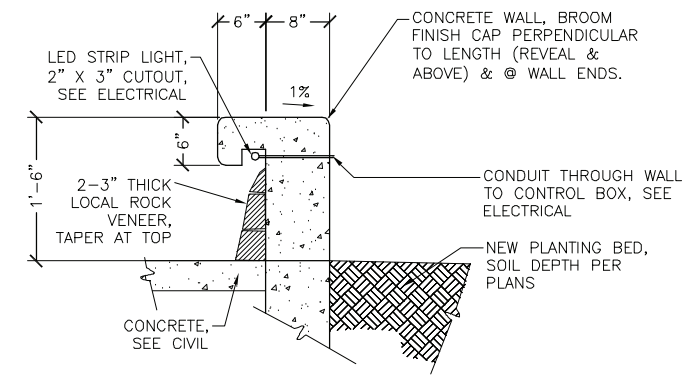
75%  
PUBLIC  
INVOLVEMENT  
SUBMITTAL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY00312 / AK SIT 2017(1)	2023	L6	---



**4 BOULDER EDDY WITH PLANT POCKETS**  
1/2" = 1'-0"

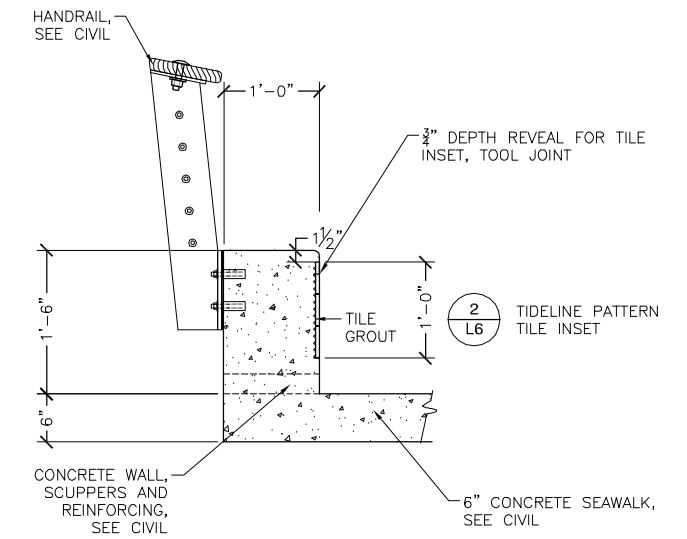
S-ROCK-06



- NOTES:**
- SEE CIVIL FOR CONCRETE WALL, SCUPPERS AND REINFORCING.
  - TERMINATE LIGHT RECESS AND VENEER 6" FROM WALL ENDS.
  - SEE ELECTRICAL FOR LIGHT AND CONDUIT INFORMATION.

**3 LOOKOUT NODE WALL**  
1" = 1'-0"

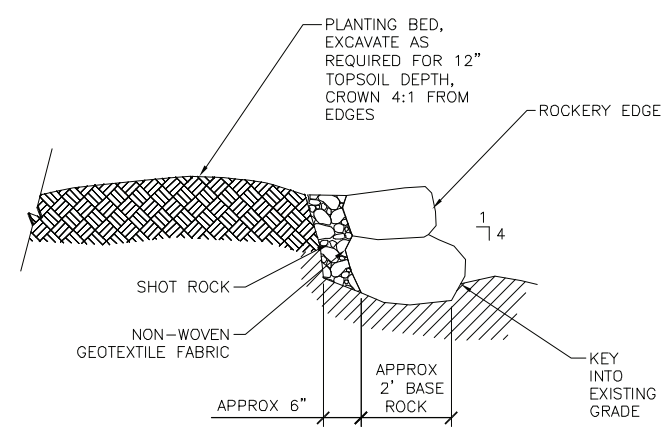
S-WALL-20



- NOTES:**
- SEE CIVIL FOR WALL REINFORCING, SCUPPERS AND HANDRAIL
  - BROOM FINISH CAP AND INSIDE FACE (ABOVE AND BELOW REVEAL) PERPENDICULAR TO LENGTH
  - SACK FINISH OUTSIDE FACE
  - INSTALL TILE PER MANUFACTURER'S RECOMMENDATION USING 3/8" WATERPROOF GROUT JOINTS.

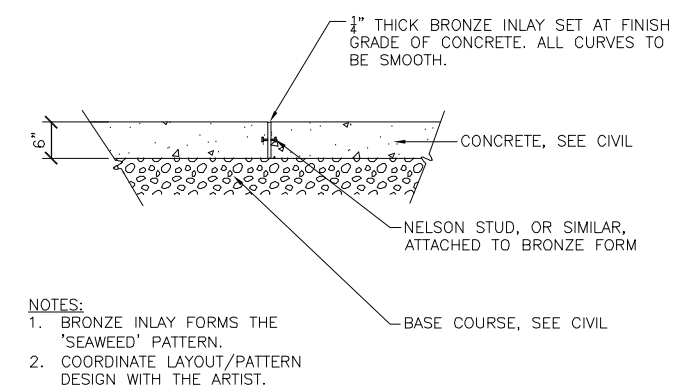
**1 OVERLOOK WALL**  
1" = 1'-0"

S-WALL-18



**6 ROCKERY PLANTING BED BORDER**  
NTS

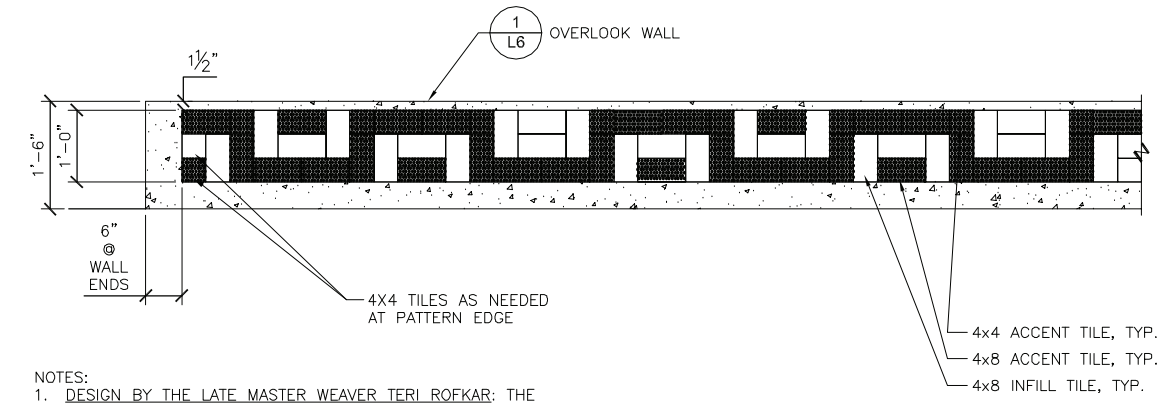
S-EDGE-09



- NOTES:**
- BRONZE INLAY FORMS THE 'SEAWEED' PATTERN.
  - COORDINATE LAYOUT/PATTERN DESIGN WITH THE ARTIST.

**5 BRONZE INLAY**  
3/4" = 1'-0"

S-CONC-41



- NOTES:**
- DESIGN BY THE LATE MASTER WEAVER TERI ROFKAR: THE 'TIDELINE' PATTERN IS A TRADITIONAL TLINGIT BASKETWEAVE PATTERN REPRESENTING THE DIURNAL TIDE DISTRIBUTION OF SEAWEED ON BEACHES.
  - TILE LAYOUT TO BE APPROVED PRIOR TO GROUTING.

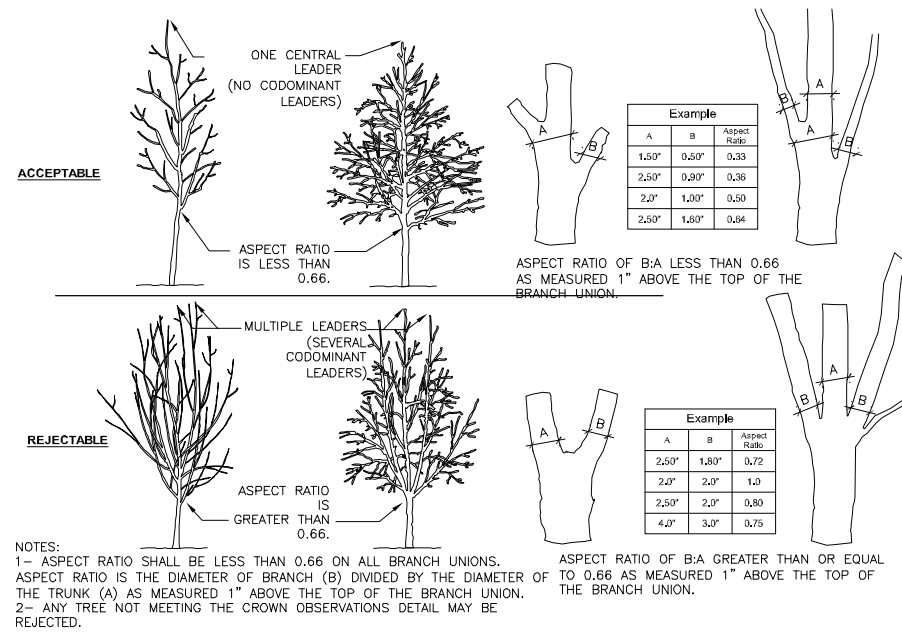
**2 OVERLOOK WALL TIDELINE PATTERN**  
3/4" = 1'-0"

S-WALL-19

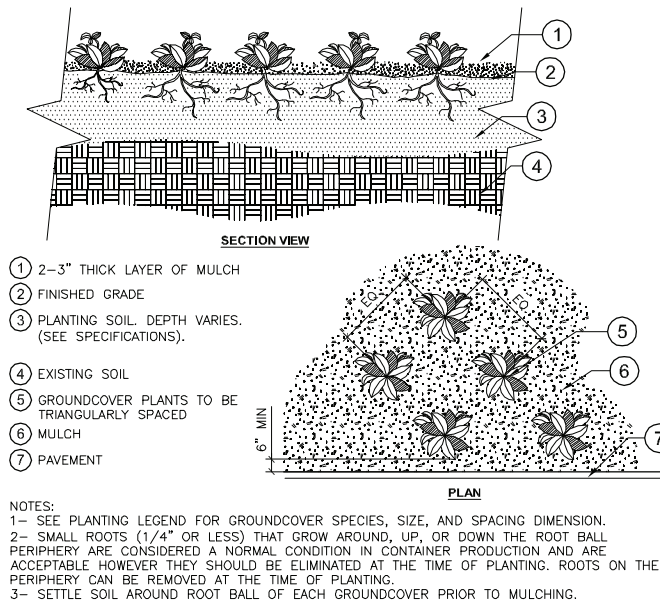
LANDSCAPE DETAILS

75% PUBLIC INVOLVEMENT SUBMITTAL

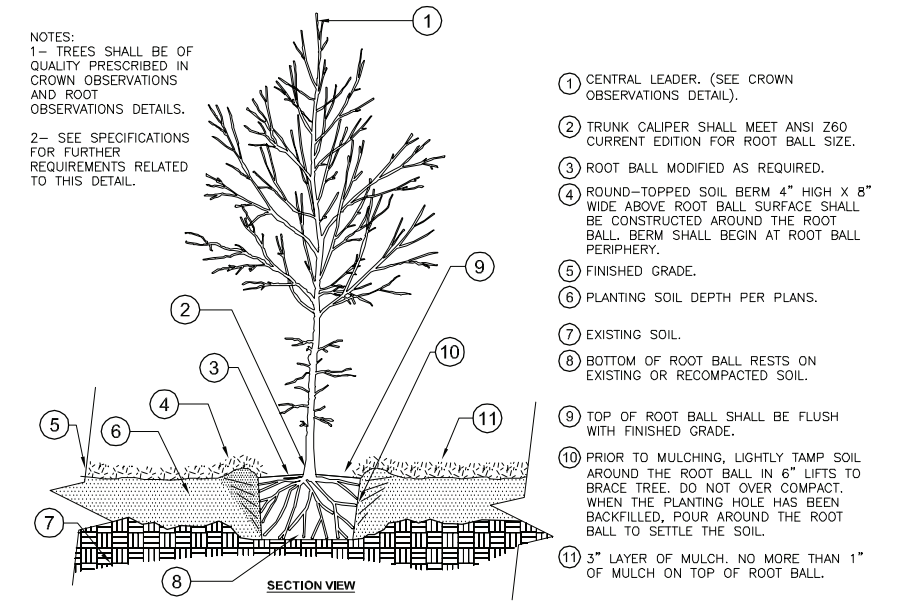
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy00312 / AK SIT 2017(1)	2023	L7	---



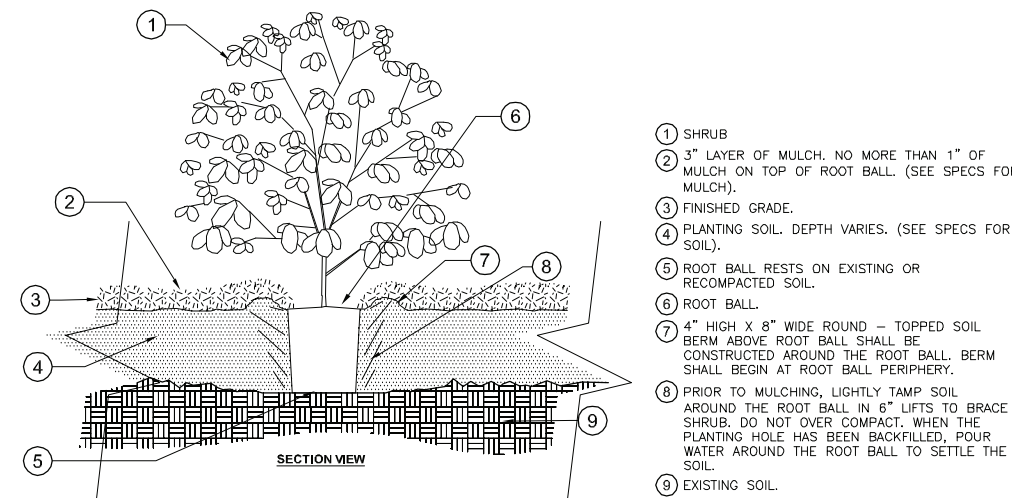
**5 CROWN OBSERVATIONS - HIGH BRANCHED**  
 1/4" = 1'-0" FX-PL-FX-OBSV-03



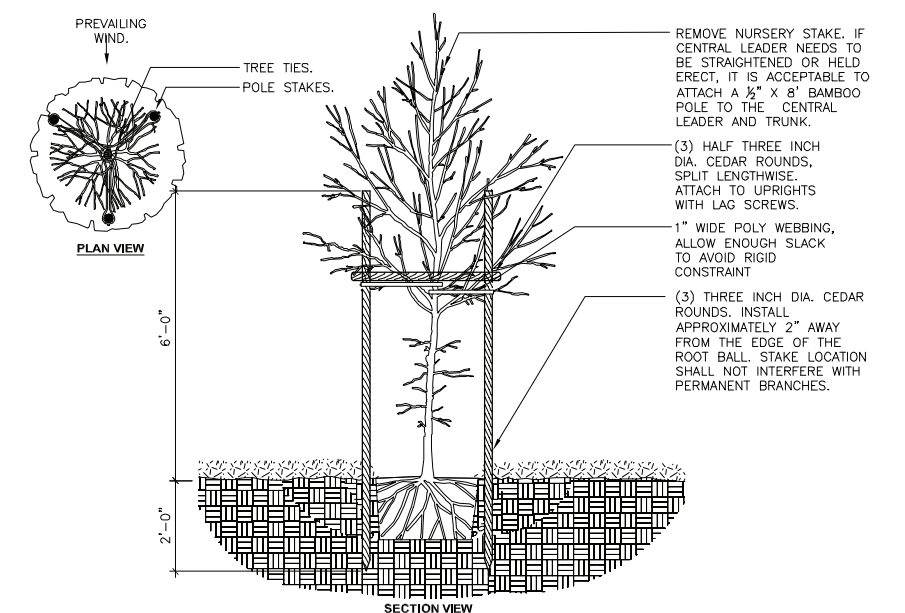
**3 PERENNIAL, GRASS AND GROUNDCOVER**  
 3/4" = 1'-0" FX-PL-FX-GROU-01



**1 TREE W/ BERM**  
 1/2" = 1'-0" FX-PL-FX-TREE-05



**4 SHRUB - WITH PLANTING SOIL**  
 3/4" = 1'-0" FX-PL-FX-SHRB-03



**2 TREE STAKING - POLE STAKES (3)**  
 1/2" = 1'-0" FX-PL-FX-TREE-22

LANDSCAPE DETAILS

75% PUBLIC INVOLVEMENT SUBMITTAL