

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SITKA SEAWALK PHASE II

AKDOT&PF PROJECT NO. SFHWY00312/AK SIT 2017(1)



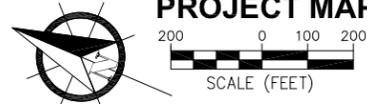
LOCATION MAP



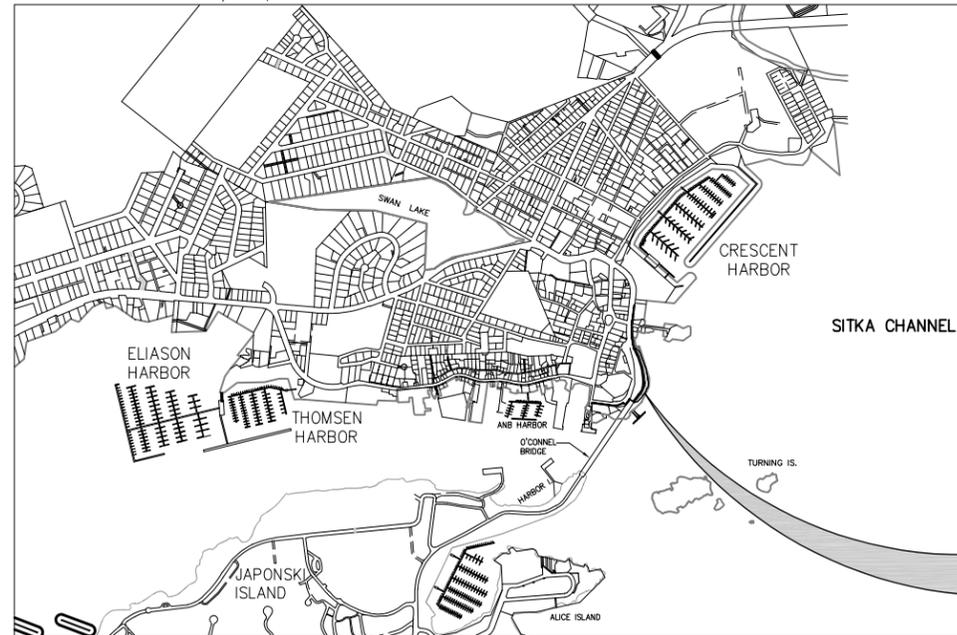
SOUTHEAST ALASKA



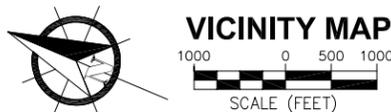
PROJECT LOCATION



PROJECT MAP



PROJECT LOCATION



VICINITY MAP

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REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: TCB CHECKED: TCB SCALE:
DRAWN: WRB APPROVED: _____

PRELIMINARY DESIGN
DATE: 10/21/2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
TITLE SHEET, VICINITY MAP AND DRAWING INDEX

PND PROJECT #: 222064 | C.A.N. #: AECC250

G1

PLANS DEVELOPED BY PND ENGINEERS INC.
CERTIFICATE OF AUTHORIZATION NO. AECC250
9360 GLACIER HWY. JUNEAU, AK. 99801

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.
- 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.
- SAWCUT AS NECESSARY ACROSS EXISTING SIDEWALKS, DRIVEWAYS AND PARKING AREAS TO PROVIDE A NEAT MATCH LINE. MAINTAIN 1'-6" MINIMUM CUTBACKS ON ACP, UNLESS NOTED OTHERWISE. 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
		CENTERLINE
		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

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

REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: TCB CHECKED: TCB SCALE: _____
DRAWN: WRB APPROVED: _____

PRELIMINARY DESIGN

DATE: 10/21/2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
GENERAL NOTES, LEGEND AND ABBREVIATIONS

G2

PND PROJECT #: 222064 C.A.N. #: AECC250

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
CP7	59770.20	29007.53	19.55	PRIMARY MONUMENT
CP8	59812.06	28980.97	18.28	PRIMARY MONUMENT
CP9	59450.06	29044.84	15.49 *	PRIMARY MONUMENT

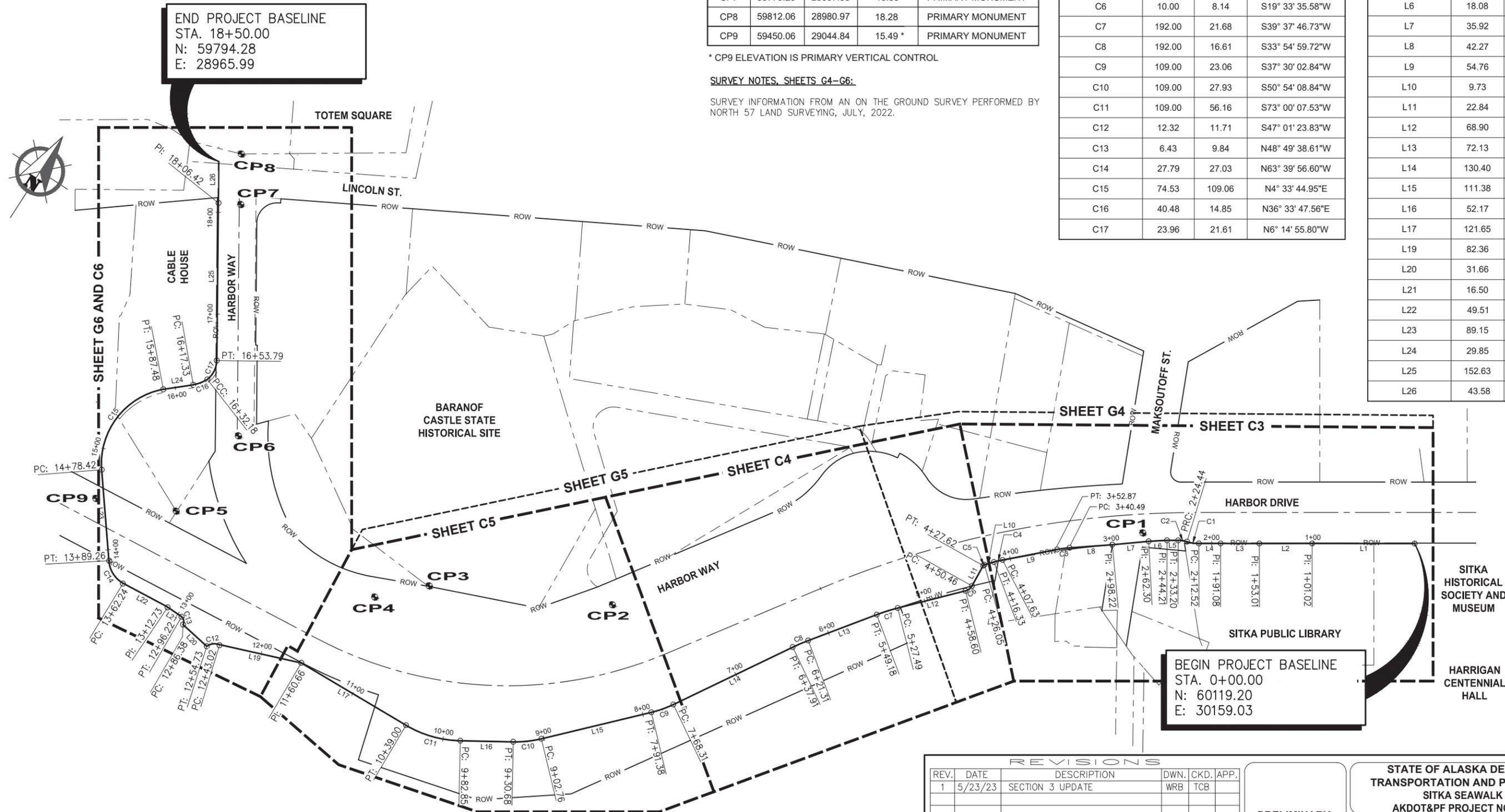
* CP9 ELEVATION IS PRIMARY VERTICAL CONTROL

SURVEY NOTES, SHEETS G4-G6:

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

CURVE TABLE			
CURVE DESIGNATION	RADIUS	LENGTH	CHORD DIRECTION
C1	40.00	11.93	S65° 29' 26.86"W
C2	30.00	8.75	S65° 40' 21.70"W
C3	100.00	12.38	S49° 19' 50.99"W
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
C12	12.32	11.71	S47° 01' 23.83"W
C13	6.43	9.84	N48° 49' 38.61"W
C14	27.79	27.03	N63° 39' 56.60"W
C15	74.53	109.06	N4° 33' 44.95"E
C16	40.48	14.85	N36° 33' 47.56"E
C17	23.96	21.61	N6° 14' 55.80"W

LINE TABLE		
LINE DESIGNATION	LENGTH	DIRECTION
L1	101.02	S57° 05' 57.22"W
L2	51.99	S56° 59' 27.01"W
L3	38.08	S57° 10' 05.41"W
L4	21.44	S56° 56' 59.75"W
L5	11.02	S57° 18' 49.42"W
L6	18.08	S54° 00' 54.71"W
L7	35.92	S51° 45' 23.24"W
L8	42.27	S52° 52' 33.67"W
L9	54.76	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
L19	82.36	S69° 17' 30.76"W
L20	31.66	N80° 38' 56.02"W
L21	16.50	N88° 49' 04.62"W
L22	49.51	S85° 04' 30.15"W
L23	89.15	N37° 29' 43.69"W
L24	29.85	N48° 26' 10.45"E
L25	152.63	N32° 22' 04.80"W
L26	43.58	N32° 22' 04.80"W



END PROJECT BASELINE
 STA. 18+50.00
 N: 59794.28
 E: 28965.99

BEGIN PROJECT BASELINE
 STA. 0+00.00
 N: 60119.20
 E: 30159.03

REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.
1	5/23/23	SECTION 3 UPDATE	WRB	TCB	

DESIGN: TCB CHECKED: TCB
 DRAWN: WRB APPROVED: _____

SCALE: SCALE IN FEET
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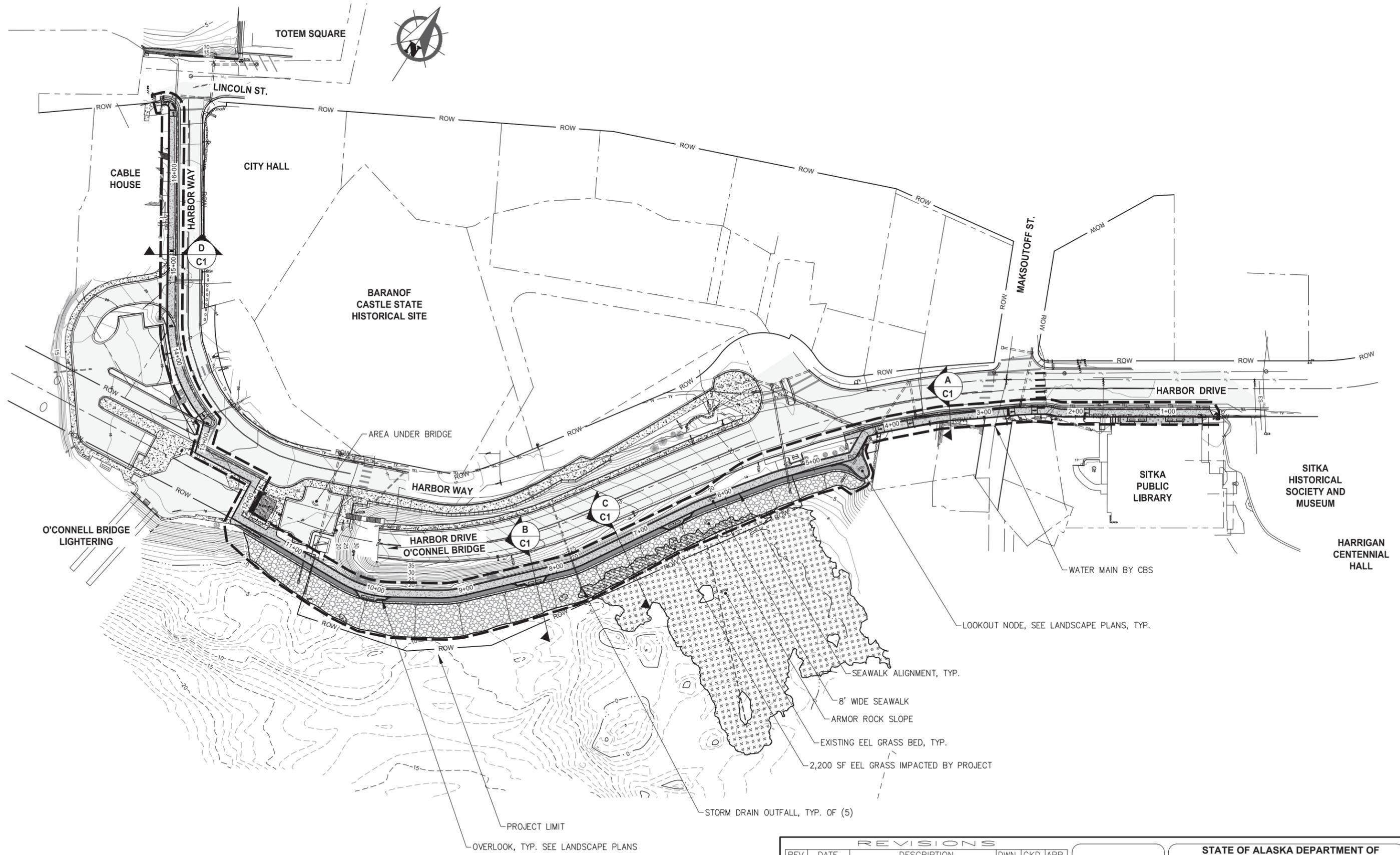
PRELIMINARY DESIGN
 DATE: 05/23/2023

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
SURVEY CONTROL AND SHEET LOCATION

PND PROJECT #: 222064 C.A.N. #: AECC250

G3



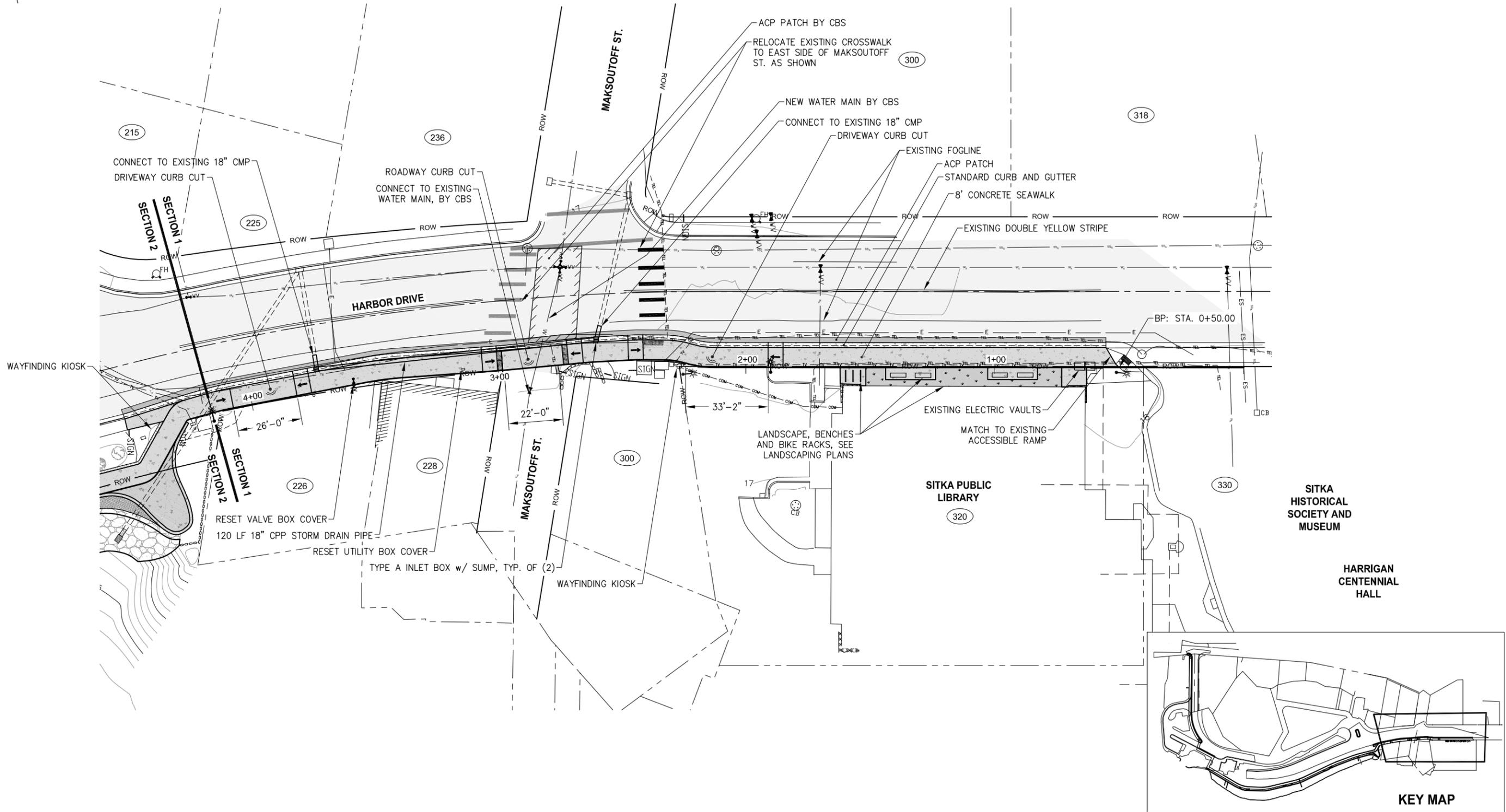
REVISIONS				
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PRELIMINARY DESIGN
 DATE: 10/21/2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312
 SHEET TITLE:
OVERALL SITE PLAN
 PND PROJECT #: 222064 C.A.N. #: AECC250

C2



REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: TCB	CHECKED: TCB	SCALE: SCALE IN FEET 0 20 40 FT.
DRAWN: WRB	APPROVED: _____	

PRELIMINARY DESIGN

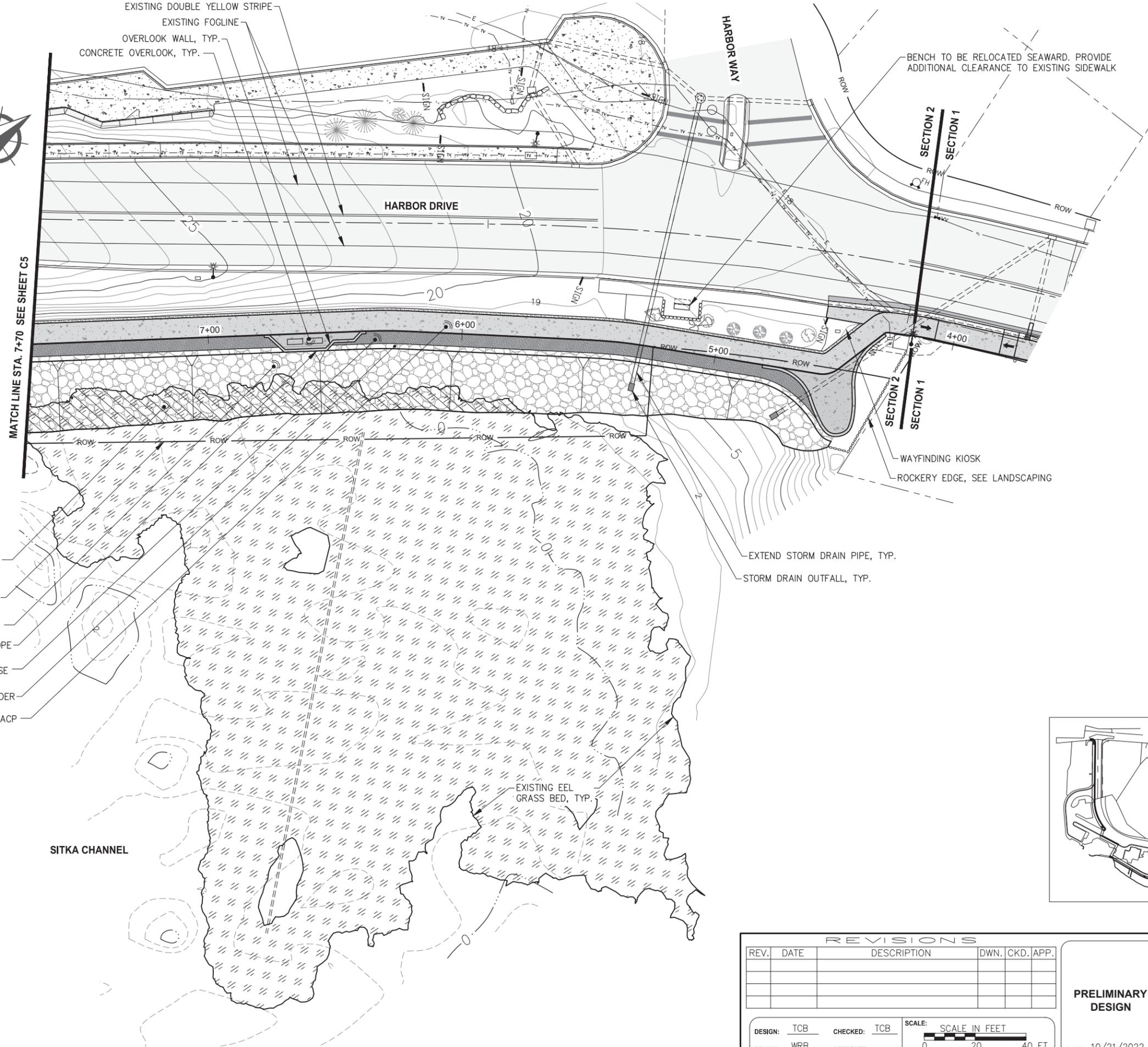
DATE: 10/21/2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
SECTION 1 SITE PLAN

PND PROJECT #: 222064 C.A.N.#: AECC250

C3



EXISTING DOUBLE YELLOW STRIPE
 EXISTING FOGLINE
 OVERLOOK WALL, TYP.
 CONCRETE OVERLOOK, TYP.

BENCH TO BE RELOCATED SEAWARD. PROVIDE
 ADDITIONAL CLEARANCE TO EXISTING SIDEWALK

SECTION 2
 SECTION 1

WAYFINDING KIOSK
 ROCKERY EDGE, SEE LANDSCAPING

EXTEND STORM DRAIN PIPE, TYP.
 STORM DRAIN OUTFALL, TYP.

EEL GRASS DISTURBED BY
 THIS PROJECT
 RIGHT-OF-WAY
 ARMOR ROCK SLOPE
 TOP OF SLOPE
 5'-0" 3/8"(-) SURFACE COURSE
 CLASS I RIPRAP SHOULDER
 8' SEAWALK, CONCRETE OR ACP

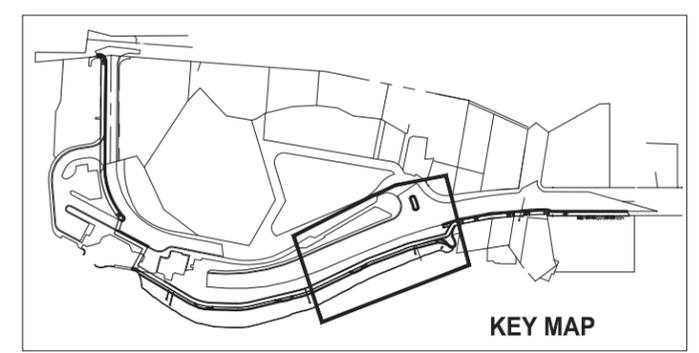
EXISTING EEL
 GRASS BED, TYP.

SITKA CHANNEL

HARBOR DRIVE

HARBOR WAY

MATCH LINE STA. 7+70 SEE SHEET C5



KEY MAP

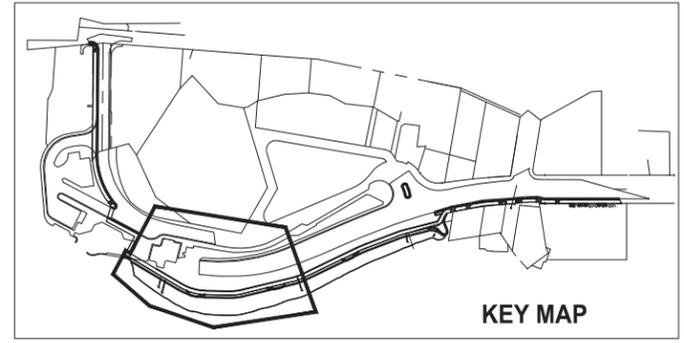
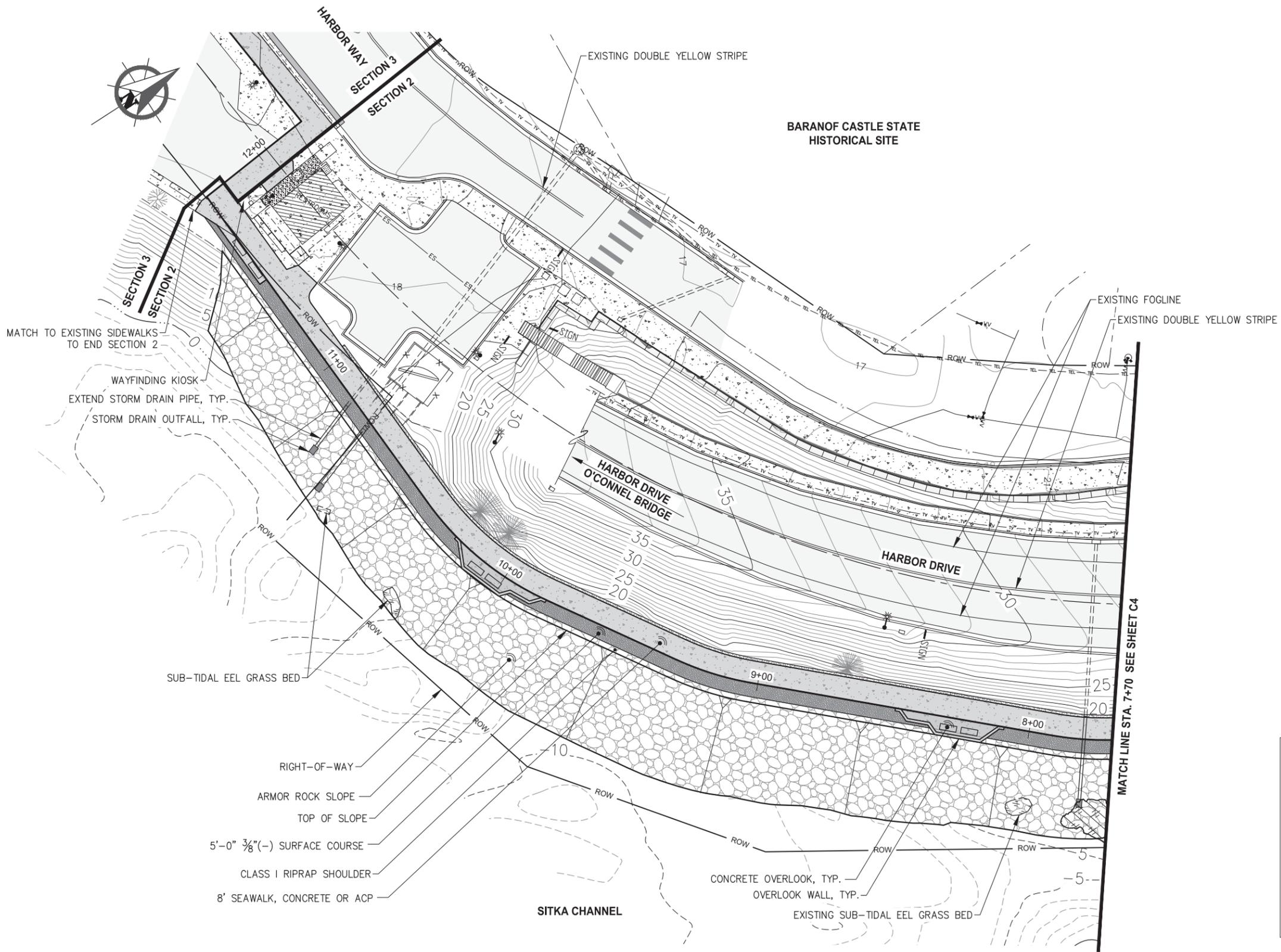
REVISIONS				
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 SHEET TITLE:
SECTION 2 SITE PLAN
 PND PROJECT #: 222064 C.A.N. #: AECC250

C4



MATCH TO EXISTING SIDEWALKS TO END SECTION 2
 WAYFINDING KIOSK
 EXTEND STORM DRAIN PIPE, TYP.
 STORM DRAIN OUTFALL, TYP.

SUB-TIDAL EEL GRASS BED

- RIGHT-OF-WAY
- ARMOR ROCK SLOPE
- TOP OF SLOPE
- 5'-0" 3/8"(-) SURFACE COURSE
- CLASS I RIPRAP SHOULDER
- 8' SEAWALK, CONCRETE OR ACP

SITKA CHANNEL

CONCRETE OVERLOOK, TYP.
 OVERLOOK WALL, TYP.
 EXISTING SUB-TIDAL EEL GRASS BED

MATCH LINE STA. 7+70 SEE SHEET C4

REVISIONS				
REV.	DATE	DESCRIPTION	DWN.	CKD. APP.

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SECTION 2 SITE PLAN
 PND PROJECT #: 222064 C.A.N. #: AECC250

C5



TOTEM SQUARE

LINCOLN STREET

**FUTURE WORK BY CBS
NOT IN CONTRACT**

- TIE HANDRAIL TO EXISTING
- REMOVE EXISTING BOLLARDS
- REMOVE EXISTING JERSEY BARRIERS
- STANDARD CURB AND GUTTER
- BACKING CURB w/ HANDRAIL
- 8' CONCRETE SEAWALK
- STORM DRAIN SYSTEM AND ROADWAY IMPROVEMENTS, REQUIRED
- COLORLED CONCRETE CROSSWALK

BARANOF CASTLE STATE HISTORICAL SITE

100

HARBOR WAY

CABLE HOUSE

111

DECORATIVE CONCRETE, SEE LANDSCAPING

SECTION 2
SECTION 3

SITKA CHANNEL

RELOCATED SITKA SIGN

O'CONNELL BRIDGE LIGHTERING

LANDSCAPING

EXISTING LIGHT POLE TO BE REMOVED

EXISTING LIGHTERING DOCK

BENCH, TYP. SEE LANDSCAPING

PEDESTRIAN LIGHTING @ APPROX. 25' O.C.

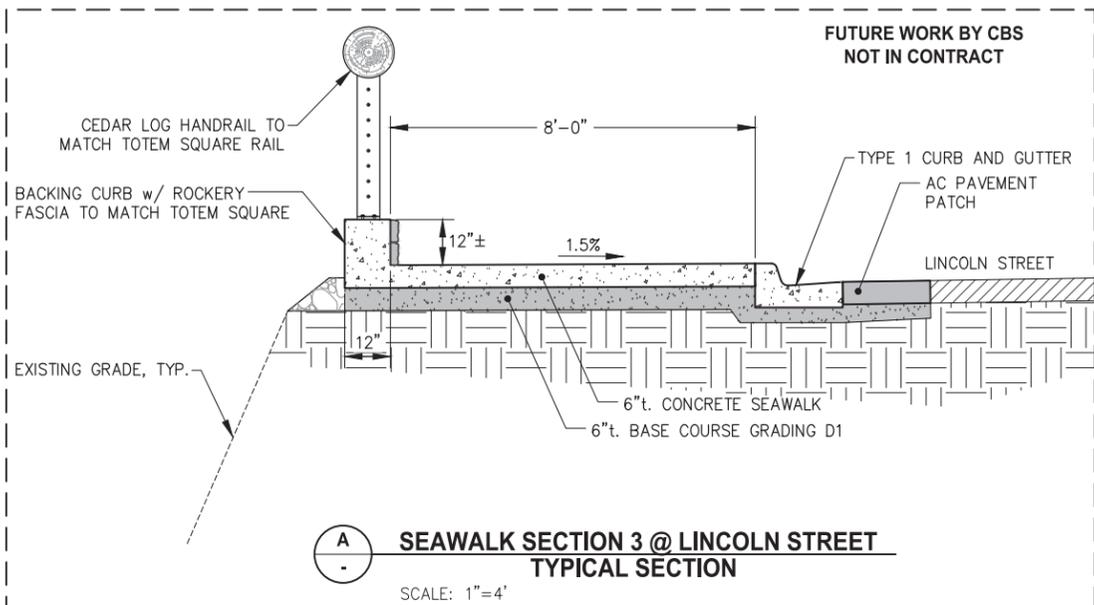
SECTION 3 SEAWALK ROUTE

ADJUST FRAME AND GRATE TO GRADE

ACP PATCH

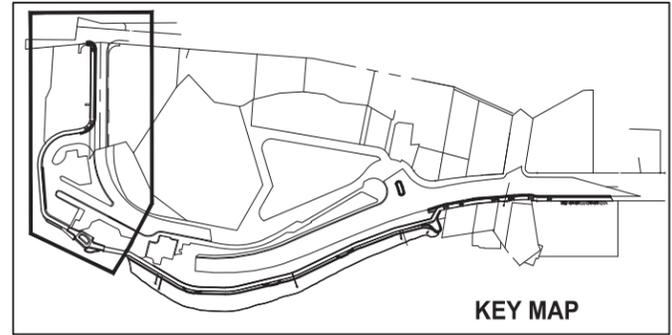
STANDARD CURB AND GUTTER

8' CONCRETE SEAWALK w/ 1' SHOULDER



A
**SEAWALK SECTION 3 @ LINCOLN STREET
TYPICAL SECTION**

SCALE: 1"=4'



KEY MAP

REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.
1	5/23/23	SECTION 3 UPDATE	WRB	TCB	

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**PRELIMINARY
DESIGN**

DATE: 05/23/2023

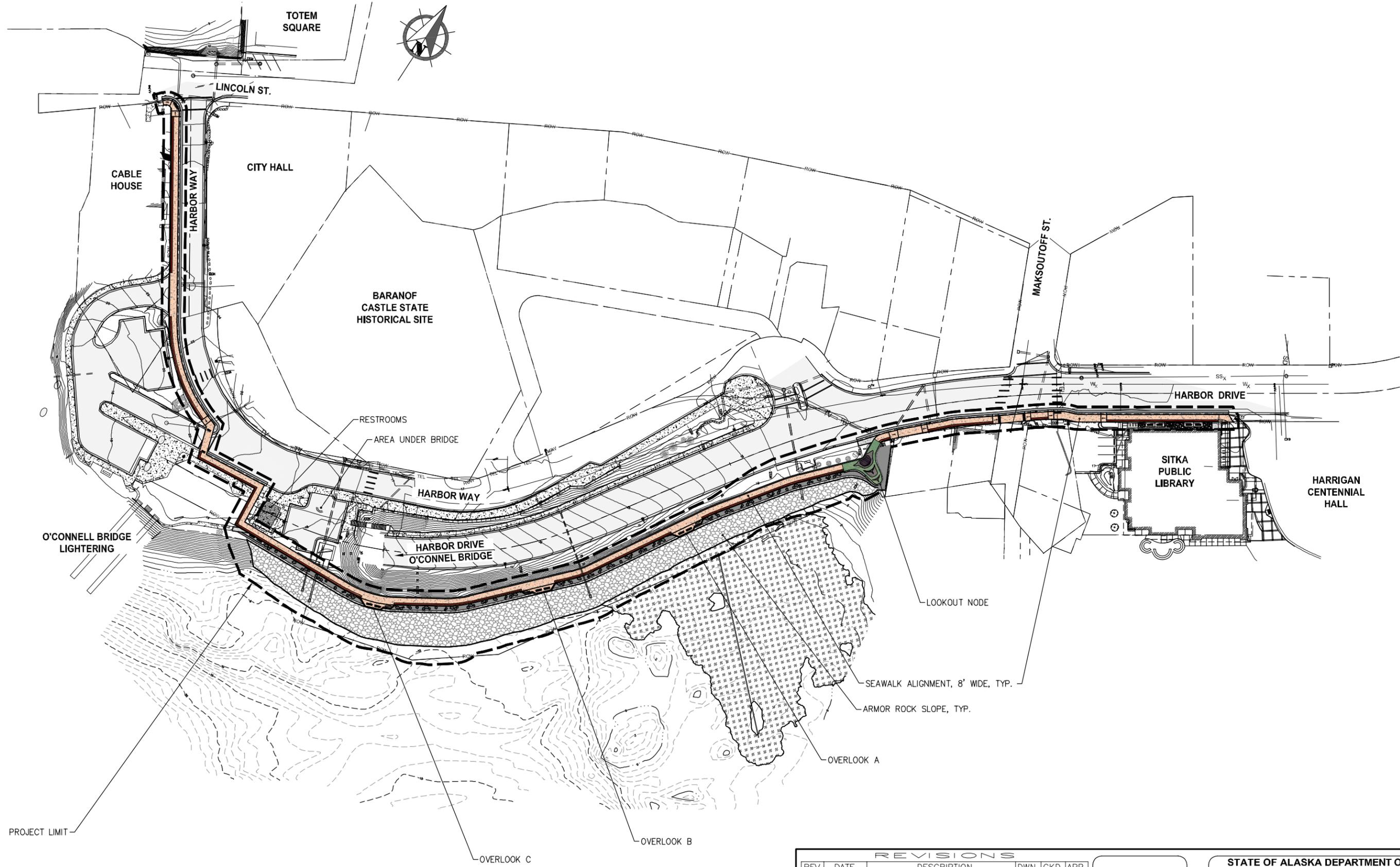
STATE OF ALASKA DEPARTMENT OF
 TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:

SECTION 3 SITE PLAN

C6

PND PROJECT #: 222064 C.A.N. #: AECC250



REVISIONS				
REV.	DATE	DESCRIPTION	DWN.	CKD. APP.

DESIGN: _____ CHECKED: _____
 DRAWN: WRB APPROVED: _____

SCALE: SCALE IN FEET
 0 50 100 FT.

PRELIMINARY DESIGN

DATE: OCT. 21, 2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
OVERALL LANDSCAPE PLAN

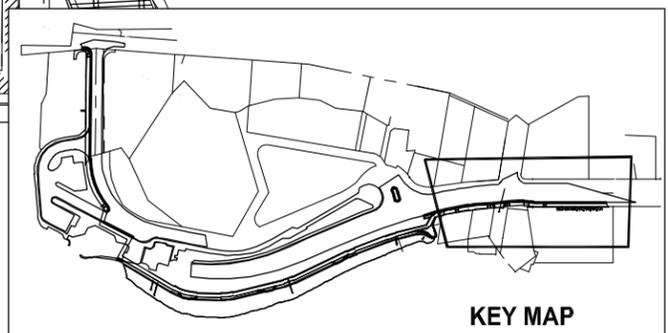
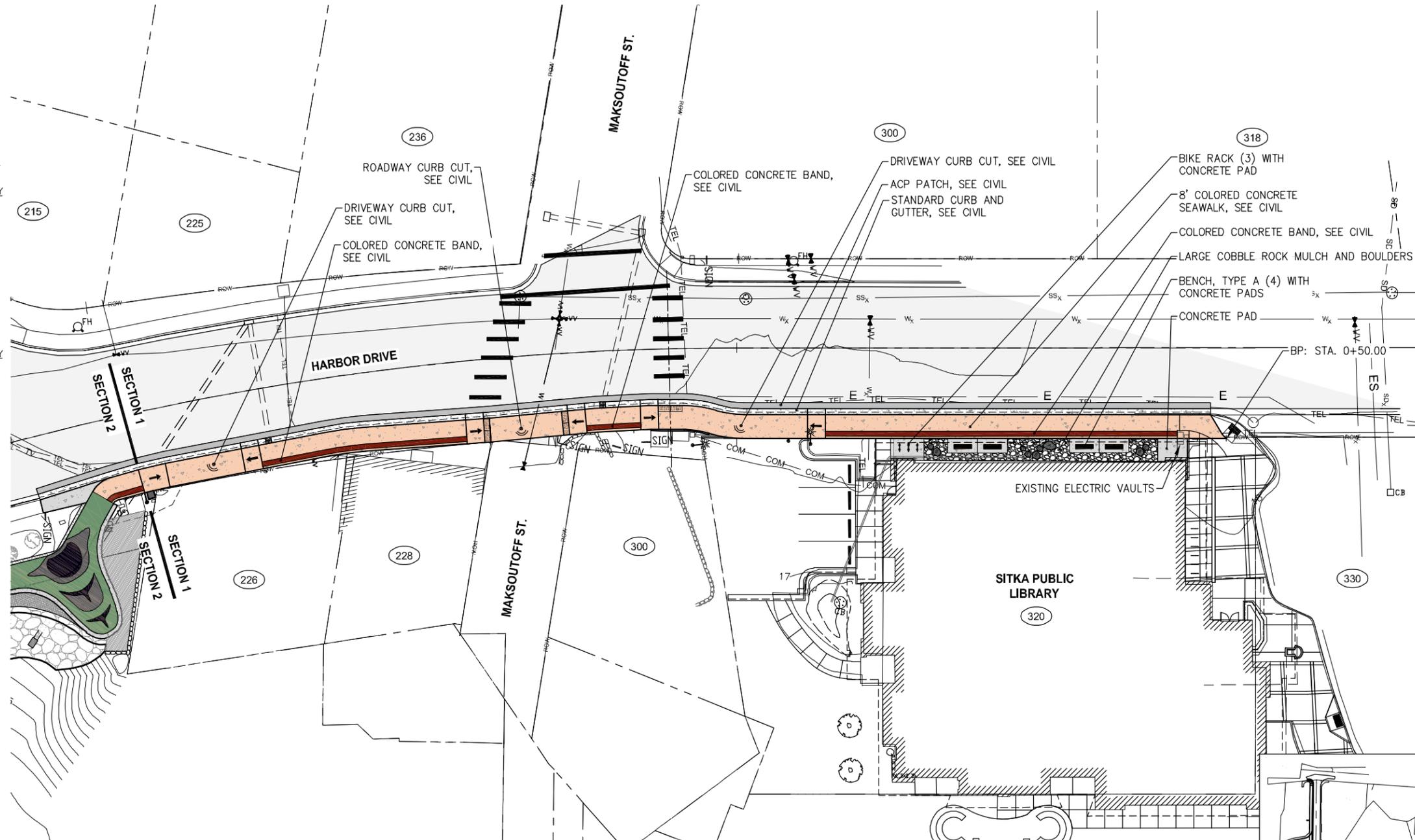
PND PROJECT#: 222064 C.A.N.#: AECC250

L1



SCHEDULE SECTION 1

SYMBOL	PLANTING DESCRIPTION	QTY
(A)	Boulder - Type A	1
(B)	Boulder - Type B	3
(C)	Boulder - Type C	4
(D)	Boulder - Type D	1
SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
—	Bench, Type 1	4
↑	Bike Rack	3



REVISIONS			
REV.	DATE	DESCRIPTION	DWN. CKD. APP.

DESIGN: _____ CHECKED: _____ SCALE: SCALE IN FEET
 DRAWN: WRB APPROVED: _____ 0 20 40 FT.

PRELIMINARY DESIGN
 DATE: OCT. 21, 2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

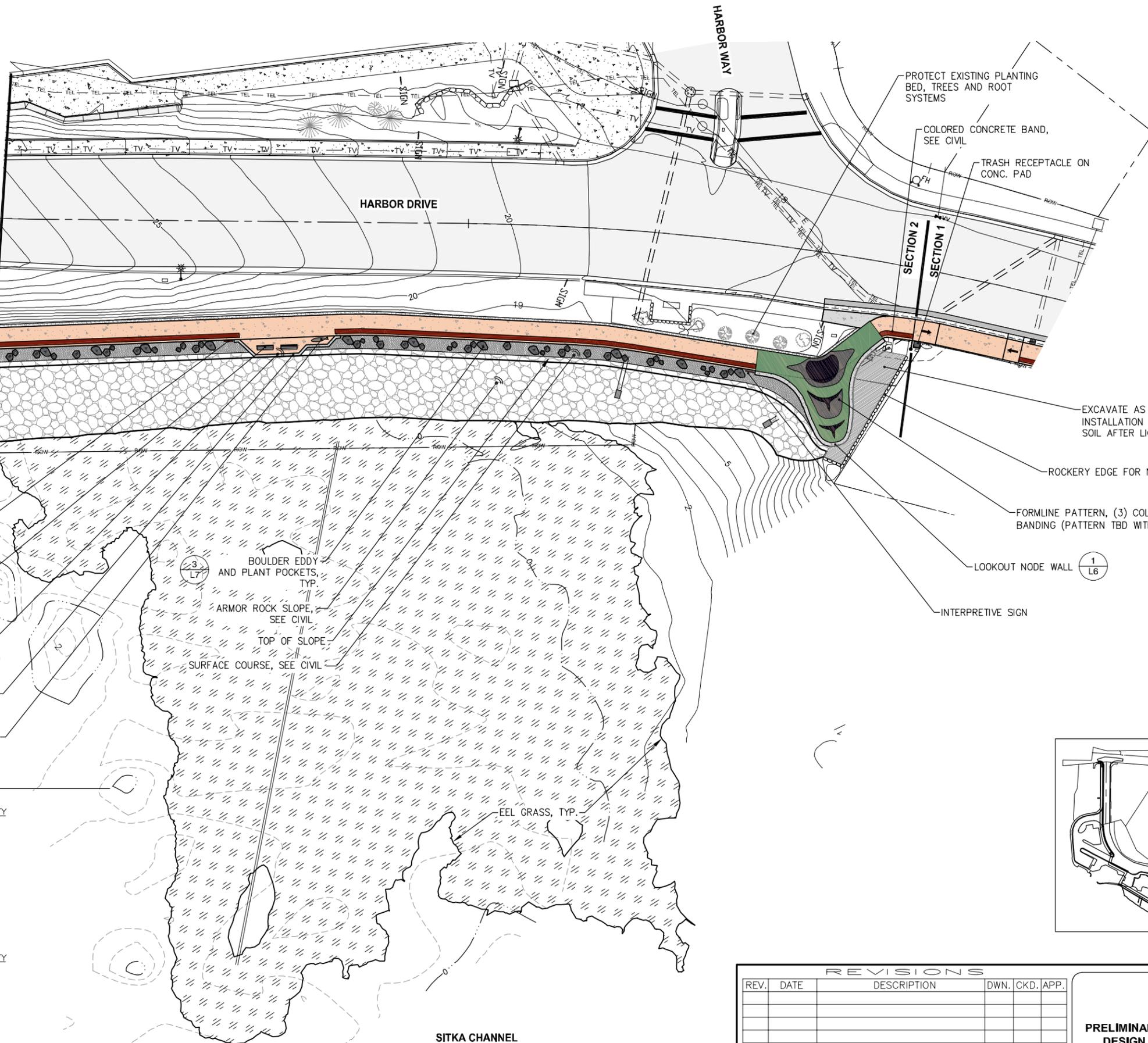
SHEET TITLE:
SECTION 1 LANDSCAPE PLAN

PND PROJECT#: 222064 C.A.N.#: AECC250

L2



MATCH LINE STA. + SEE SHEET C5



PROTECT EXISTING PLANTING BED, TREES AND ROOT SYSTEMS

COLORED CONCRETE BAND, SEE CIVIL

TRASH RECEPTACLE ON CONC. PAD

EXCAVATE AS REQUIRED FOR INSTALLATION OF 12" DEPTH PLANTING SOIL AFTER LIGHT COMPACTION

ROCKERY EDGE FOR NEW PLANTING BED (4/L7)

FORMLINE PATTERN, (3) COLOR CONCRETE WITH BRASS BANDING (PATTERN TBD WITH ARTIST COLLABORATION) (2/L6)

LOOKOUT NODE WALL (1/L6)

INTERPRETIVE SIGN

INTERPRETIVE SIGN

BENCH, TYPE B (2)

OVERLOOK A

(1/L7) OVERLOOK WALL WITH TIDELINE PATTERN

CUSTOM BENCH

(3/L7) BOULDER EDDY AND PLANT POCKETS, TYP.

ARMOR ROCK SLOPE, SEE CIVIL

TOP OF SLOPE

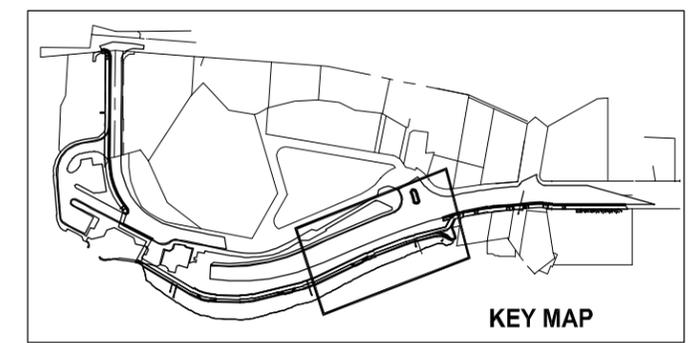
SURFACE COURSE, SEE CIVIL

EEL GRASS, TYP.

SITKA CHANNEL

SCHEDULE SECTION 2A

SYMBOL	PLANTING DESCRIPTION	QTY
(A)	Boulder - Type A	11
(B)	Boulder - Type B	16
(C)	Boulder - Type C	15
(D)	Boulder - Type D	8
SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
(Bench)	Bench, Type 2	2
(Custom Bench)	Custom Bench	1
(Trash Receptacle)	Bear Saver Trash Receptacle	1
(Interpretive Sign)	Interpretive Sign	2



REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CHKD.	APP.

DESIGN: _____ CHECKED: _____ SCALE: SCALE IN FEET
 DRAWN: WRB APPROVED: _____ 0 20 40 FT.

PRELIMINARY DESIGN
 DATE: OCT. 21, 2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

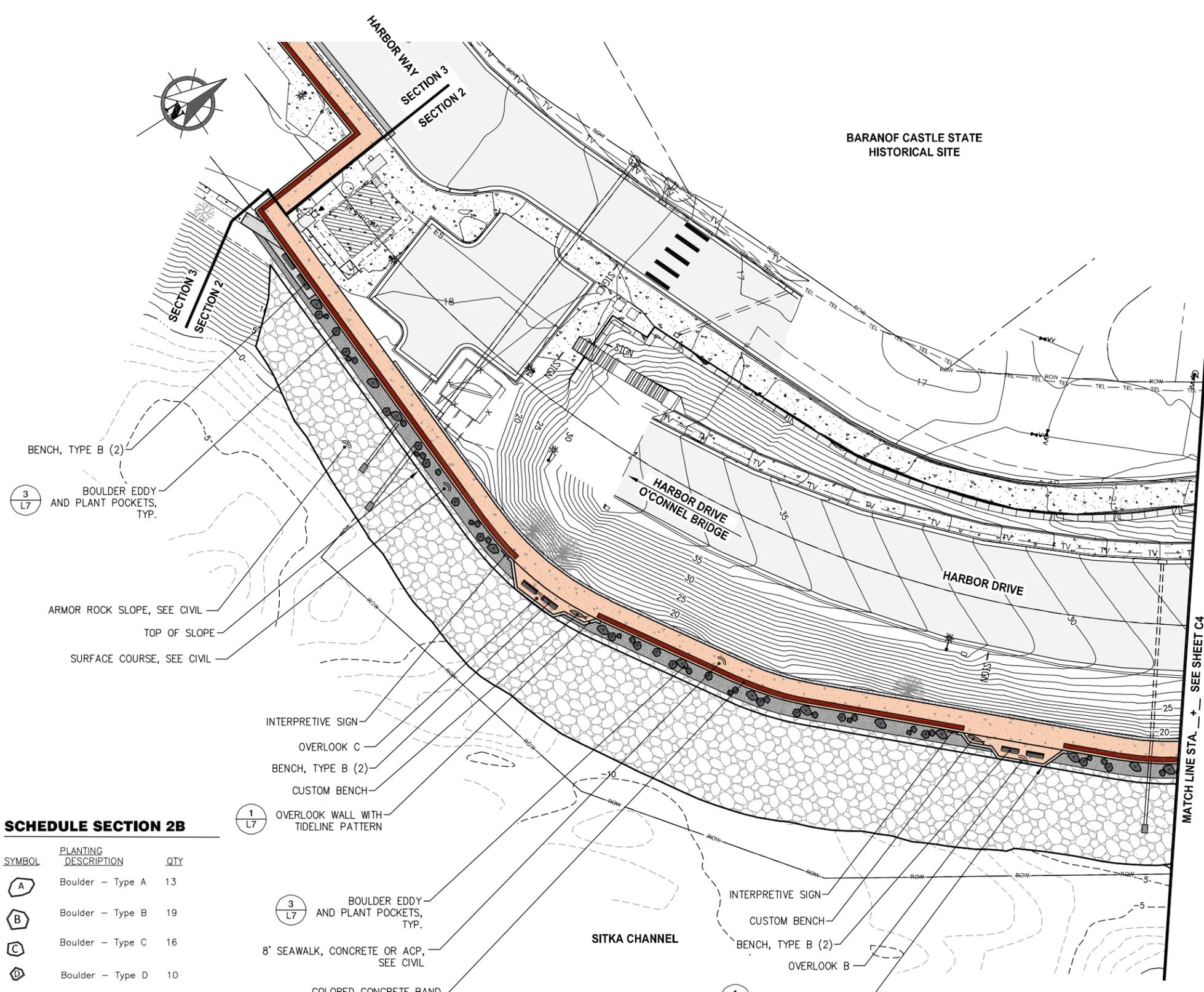
SHEET TITLE:
SECTION 2A LANDSCAPE PLAN

PND PROJECT#: 222064 C.A.N.#: AECC250

L3



BARANOF CASTLE STATE HISTORICAL SITE



SCHEDULE SECTION 2B

SYMBOL	PLANTING DESCRIPTION	QTY
(A)	Boulder - Type A	13
(B)	Boulder - Type B	19
(C)	Boulder - Type C	16
(D)	Boulder - Type D	10

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
(Bench symbol)	Bench, Type 2	6
(Custom Bench symbol)	Custom Bench	2
(Interpretive Sign symbol)	Interpretive Sign	2

(1/L7) OVERLOOK WALL WITH TIDELINE PATTERN

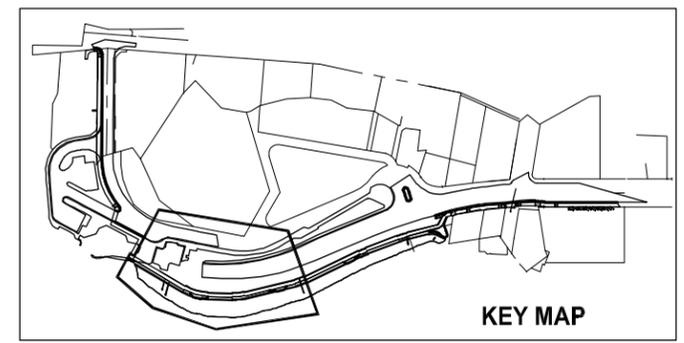
(3/L7) BOULDER EDDY AND PLANT POCKETS, TYP.

8' SEAWALK, CONCRETE OR ACP, SEE CIVIL

COLORED CONCRETE BAND (IF CONCRETE WALK), SEE CIVIL

(1/L7) OVERLOOK WALL WITH TIDELINE PATTERN

MATCH LINE STA. + SEE SHEET C4



REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CHKD.	APP.

DESIGN: _____ CHECKED: _____ SCALE: SCALE IN FEET
 DRAWN: WRB APPROVED: _____ 0 20 40 FT.

PRELIMINARY DESIGN
 DATE: OCT. 21, 2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312
 SHEET TITLE: SECTION 2B LANDSCAPE PLAN
 PND PROJECT#: 222064 C.A.N.#: AECC250

L4



TOTEM SQUARE

LINCOLN ST

CITY HALL

HARBOR WAY

CABLE HOUSE

BARANOF CASTLE STATE HISTORICAL SITE

SECTION 2
SECTION 3

SITKA CHANNEL

(4) BENCHES

RELOCATED 'SITKA' SIGN

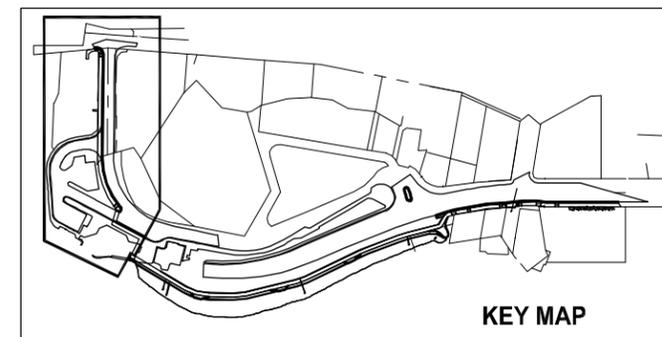
O'CONNELL BRIDGE LIGHTERING

ICONIC PLAZA WITH FORMLINE PATTERN (PATTERN IS TO SHOW WORK LIMIT AREA; POTENTIAL FOR A FUTURE DESIGN COLLABORATION WITH A LOCAL ARTIST)

FUTURE WALKWAY BY CBS, SEE CIVIL
FUTURE COLORED CONCRETE BAND, BY CBS
FUTURE RAILING CBS

8' CONCRETE SEAWALK, SEE CIVIL
COLORED CONCRETE BAND, SEE CIVIL

8' CONCRETE SEAWALK, SEE CIVIL



KEY MAP

REVISIONS

REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.
1	5/23/23	SECTION 3 UPDATE	MA	MA	

DESIGN: MA CHECKED: MA
DRAWN: MA APPROVED: _____

SCALE: SCALE IN FEET
0 20 40 FT.

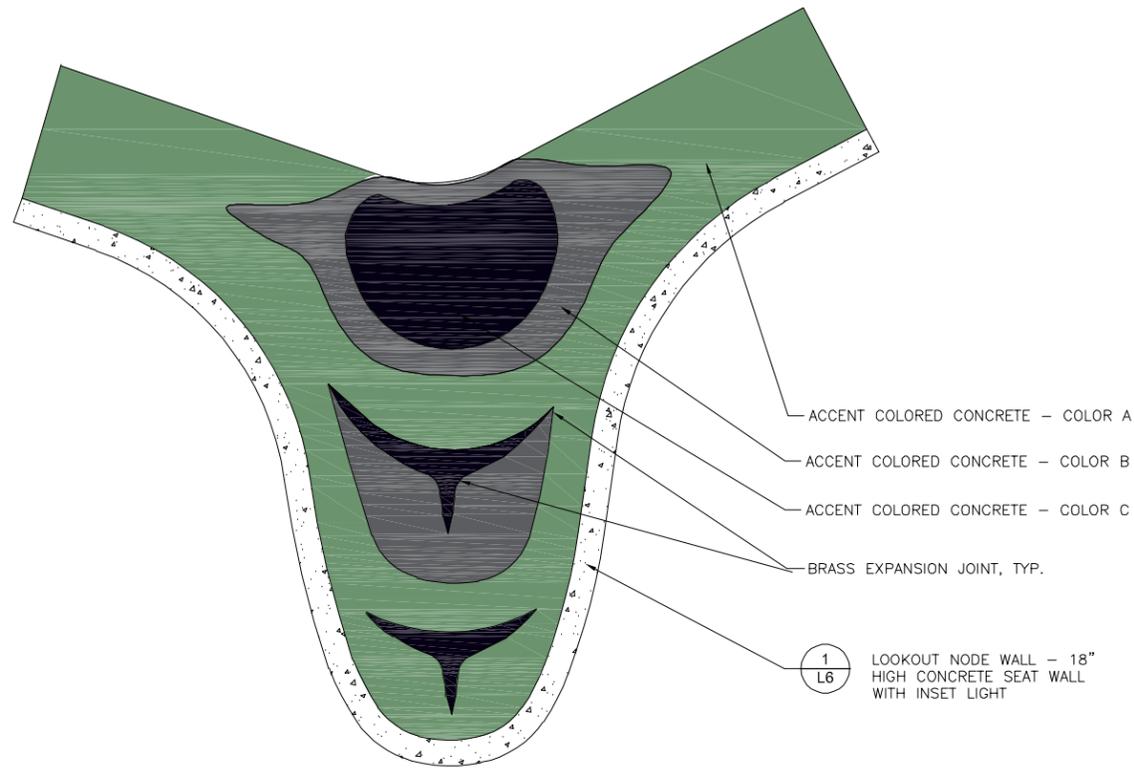
PRELIMINARY DESIGN
DATE: 5/23/23

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
SECTION 3 LANDSCAPE PLAN

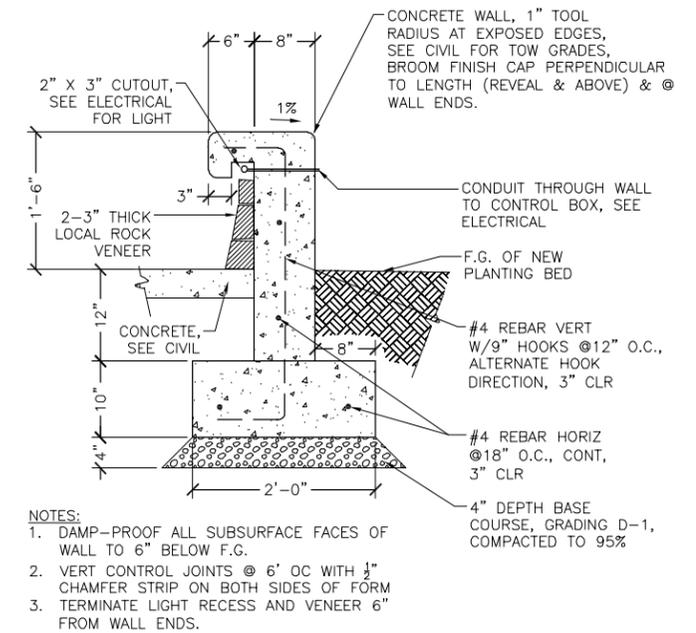
L5

PND PROJECT#: 222064 C.A.N.#: AECC250



NOTES:
1. FORMLINE PATTERN IS A PLACEHOLDER
PENDING ARTIST COLLABORATION

2 FORMLINE CONCRETE PATTERN - LOOKOUT NODE
3/16" = 1'-0" S-PAVR-07



1 LOOKOUT NODE WALL
1" = 1'-0" S-WALL-20

REVISIONS				
REV.	DATE	DESCRIPTION	DWN.	CHKD. APP.

DESIGN: _____ CHECKED: _____
DRAWN: WRB APPROVED: _____

SCALE: SCALE IN FEET
0 20 40 FT.

PRELIMINARY DESIGN

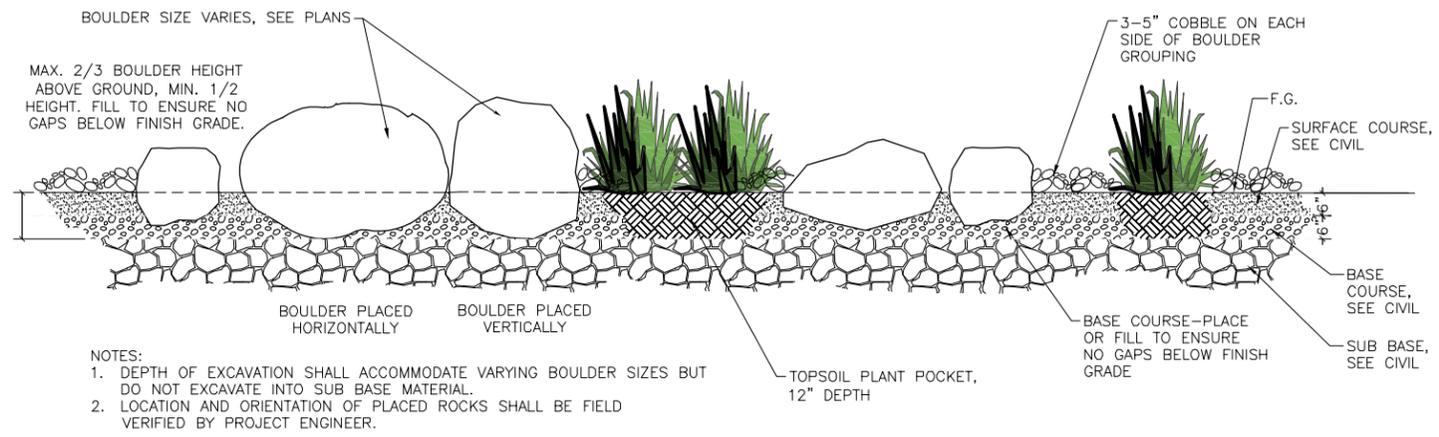
DATE: OCT. 21, 2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
LANDSCAPE DETAILS

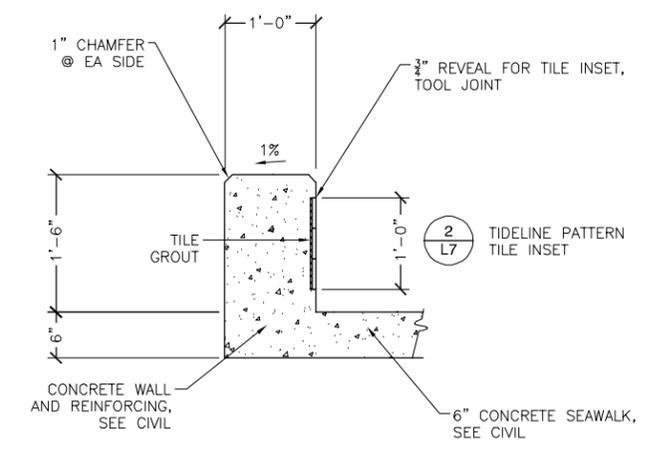
PND PROJECT#: 222064 C.A.N.#: AECC250

L6



3 BOULDER EDDY
1/2" = 1'-0"

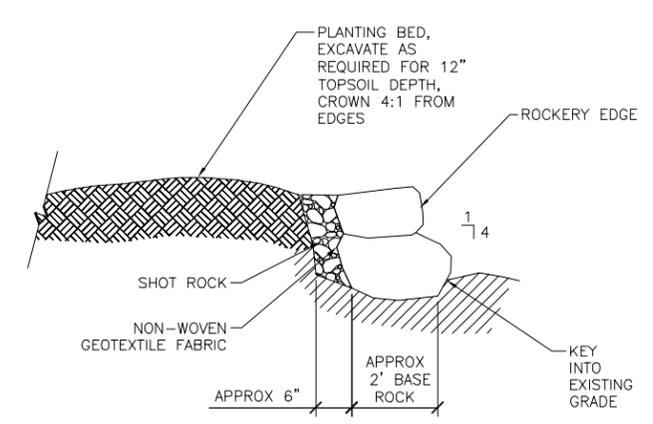
S-ROCK-06



- NOTES:**
1. SEE CIVIL FOR TOW GRADES
 2. BROOM FINISH CAP AND INSIDE FACE (ABOVE AND BELOW REVEAL) PERPENDICULAR TO LENGTH
 3. SACK FINISH OUTSIDE FACE
 4. DAMP-PROOF ALL SUBSURFACE FACES OF WALL TO 6" BELOW F.G.
 5. VERT CONTROL JOINTS @ 6' OC WITH 1/2" CHAMFER STRIP ON BOTH SIDES OF FORM

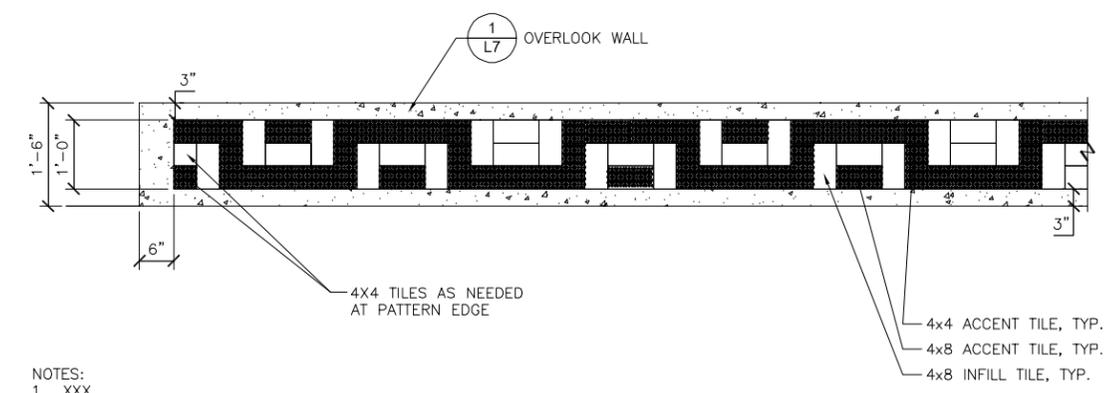
1 OVERLOOK WALL
1" = 1'-0"

S-WALL-18



4 ROCKERY EDGE

S-EDGE-09



- NOTES:**
1. XXX

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

S-WALL-19

REVISIONS				
REV.	DATE	DESCRIPTION	DWN.	CKD. APP.

DESIGN: _____ CHECKED: _____ SCALE: SCALE IN FEET
DRAWN: WRB APPROVED: _____ 0 20 40 FT.

PRELIMINARY DESIGN
DATE: OCT. 21, 2022

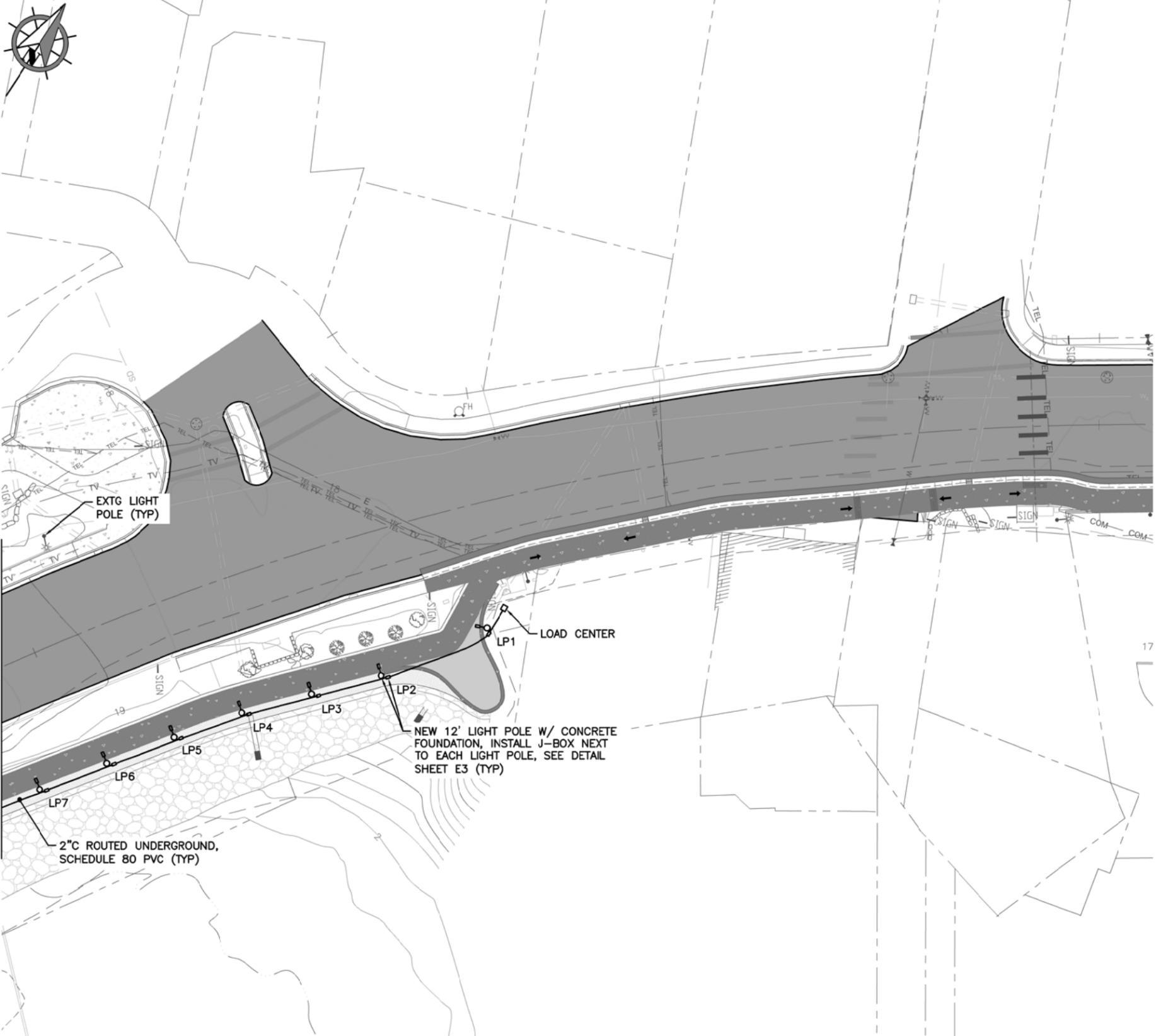
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
LANDSCAPE DETAILS

PND PROJECT #: 222064 C.A.N.#: AECC250

L7

x:\118 PN&D\70 sitka seawalk phase ii\working drawings\SECTION 2 SITE PLAN - ELECTRICAL.dwg 10/21/22



EXTG LIGHT POLE (TYP)

LP1 LOAD CENTER

NEW 12' LIGHT POLE W/ CONCRETE FOUNDATION, INSTALL J-BOX NEXT TO EACH LIGHT POLE, SEE DETAIL SHEET E3 (TYP)

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

GENERAL NOTES:

SHEET LIST TABLE	
SHEET NO.	SHEET TITLE
E1	SECTION 1 SITE PLAN - ELECTRICAL
E2	SECTION 2 SITE PLAN - ELECTRICAL
E3	LIGHT POLE DETAILS
E4	TRENCH DETAIL
E5	LIGHTING LOAD CENTER DETAILS

MATCH LINE, SEE SHEET E2

REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: MGM CHECKED: MGM SCALE: SCALE IN FEET
 DRAWN: JRW APPROVED: MGM 0 20 40 FT.

PRELIMINARY DESIGN
 DATE: OCT. 21, 2022

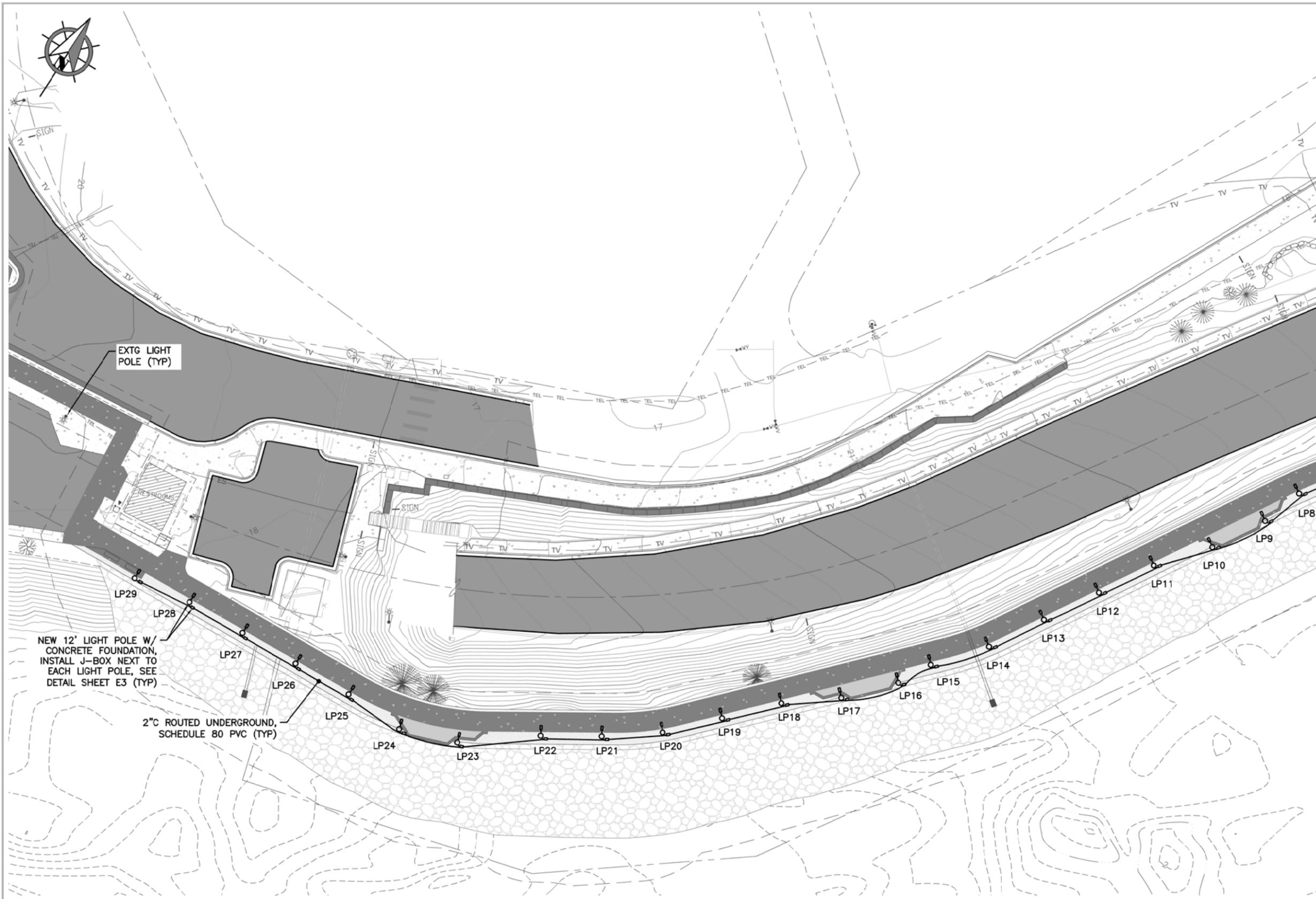
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
 SECTION 1 SITE PLAN - ELECTRICAL

PND PROJECT #: 222064 C.A.N. #: AECC250

E1

x:\118 PN&D\70 sitka seawalk phase ii\working drawings\SECTION 2 SITE PLAN - ELECTRICAL.dwg 10/21/22



EXTG LIGHT POLE (TYP)

NEW 12' LIGHT POLE W/
CONCRETE FOUNDATION,
INSTALL J-BOX NEXT TO
EACH LIGHT POLE, SEE
DETAIL SHEET E3 (TYP)

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

MATCH LINE,
SEE SHEET E1

REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: MGM	CHECKED: MGM	SCALE: SCALE IN FEET 0 20 40 FT.
DRAWN: JRW	APPROVED: MGM	

PRELIMINARY DESIGN

DATE: **OCT. 21, 2022**

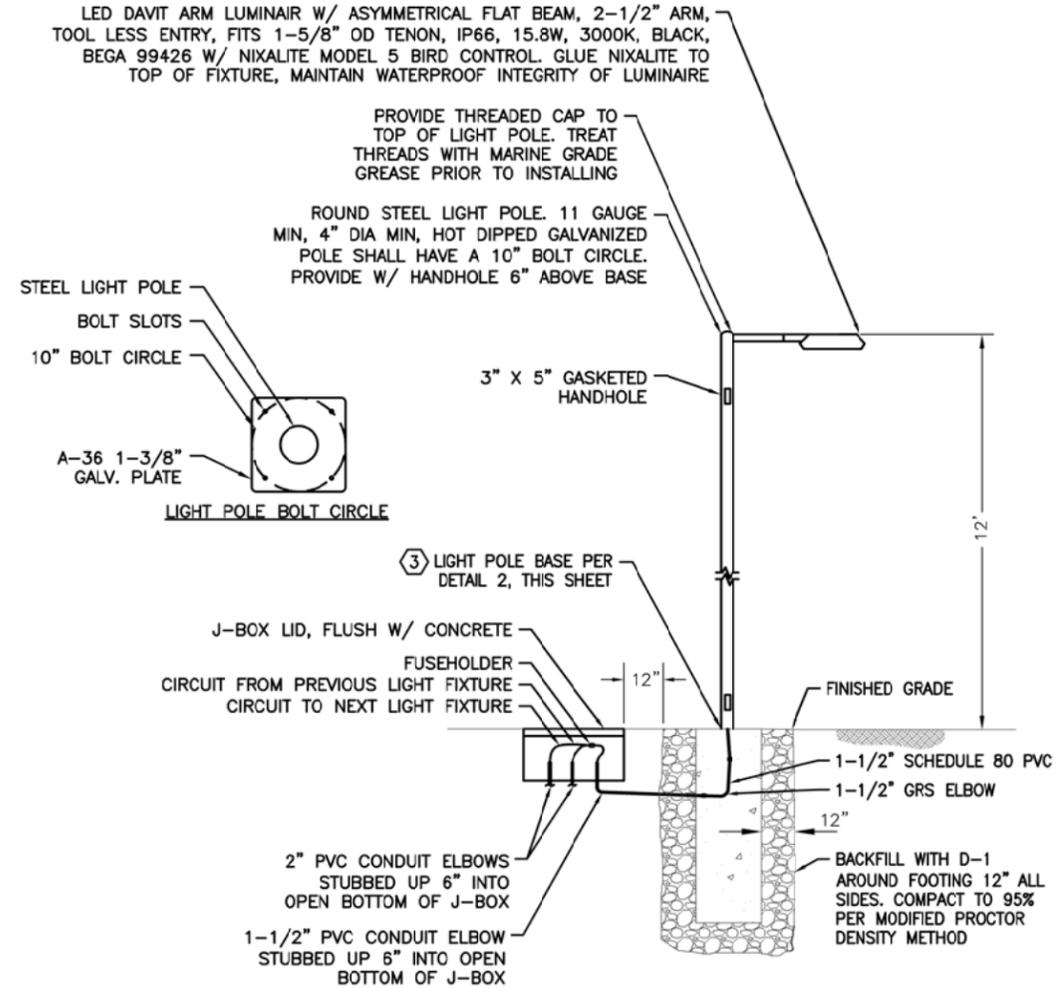
STATE OF ALASKA DEPARTMENT OF
TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
**SECTION 2 SITE PLAN -
ELECTRICAL**

PND PROJECT #: 222064 | C.A.N. #: AECC250

E2

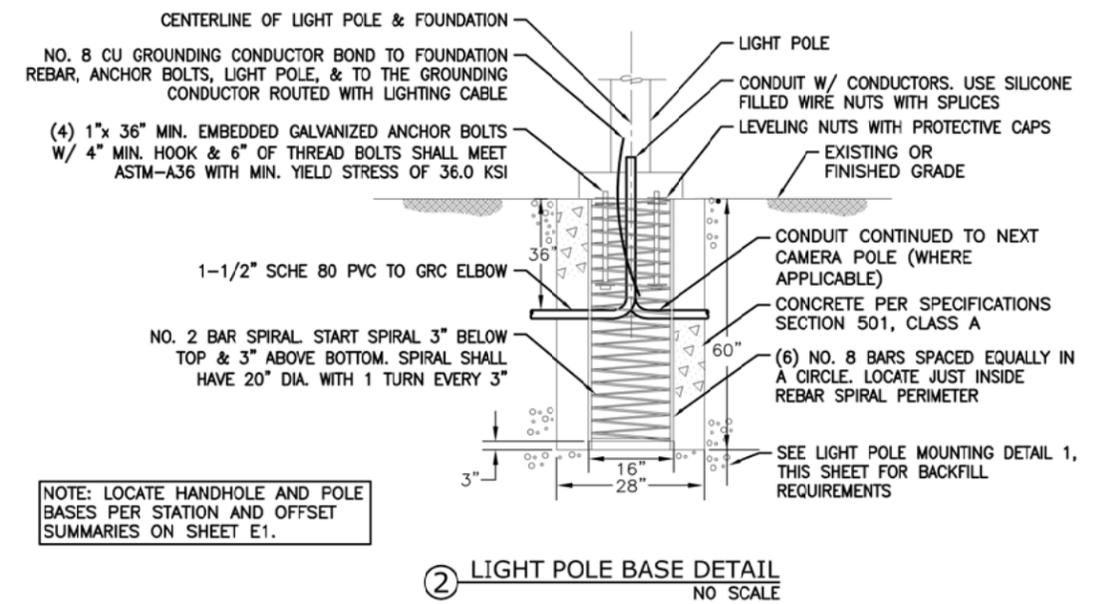
x:\118 PN&D\70 sitka seawalk phase ii\working drawings\E3 LIGHT POLE DETAILS.dwg 10/21/22



NOTES:

1. ALL SPLICES SHALL BE IN BASE OF LIGHT POLE. LOOP FEED POWER CONDUCTORS IF REQUIRED.
2. PROVIDE GROUNDING BUSHINGS ON CONDUIT.
- ③ PROVIDE FUSE KITS IN EACH LIGHT POLE BASE ACCESSIBLE FROM BOTTOM HANDHOLE AND SPD AT TOP OF LIGHT POLE.
4. SIZE LIGHT POLE WITH LUMINAIRES 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.

① LIGHT POLE MOUNTING DETAIL
NO SCALE



REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: MGM CHECKED: MGM SCALE: _____
DRAWN: JRW APPROVED: MGM

PRELIMINARY DESIGN

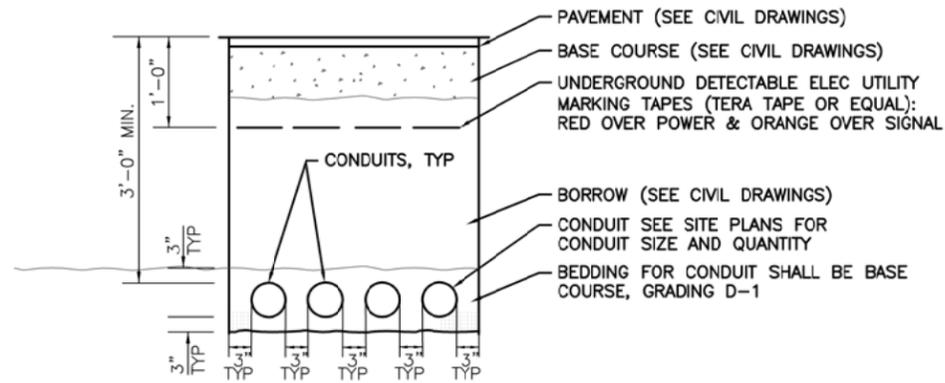
DATE: OCT. 21, 2022

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
LIGHT POLE DETAILS

PND PROJECT #: 222064 C.A.N. #: AECC250

E3



NOTES:

1. ALL DIMENSIONS ARE MINIMUM.
2. 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.
3. 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.
4. MAINTAIN 12 INCHES MINIMUM SEPARATION (ALL DIRECTIONS) BETWEEN POWER AND OTHER CONDUITS, PIPES, ETC.
5. NOT USED.
6. 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.
8. MODIFY CONDUIT BURIAL DEPTH WHERE SHOWN ON DRAWINGS AND AS REQUIRED TO AVOID ALL OBSTACLES. ROUTE BELOW OBSTACLES.

① TRENCH DETAIL
 NO SCALE

REVISIONS					
REV.	DATE	DESCRIPTION	DWN.	CKD.	APP.

DESIGN: MGM CHECKED: MGM SCALE: _____
 DRAWN: JRW APPROVED: MGM

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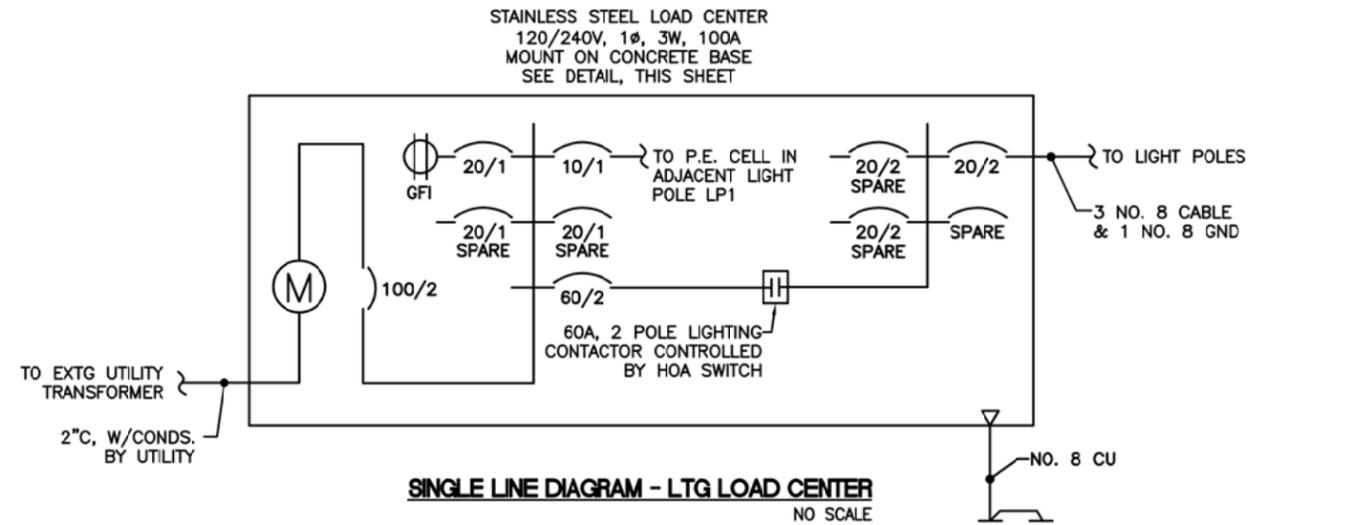
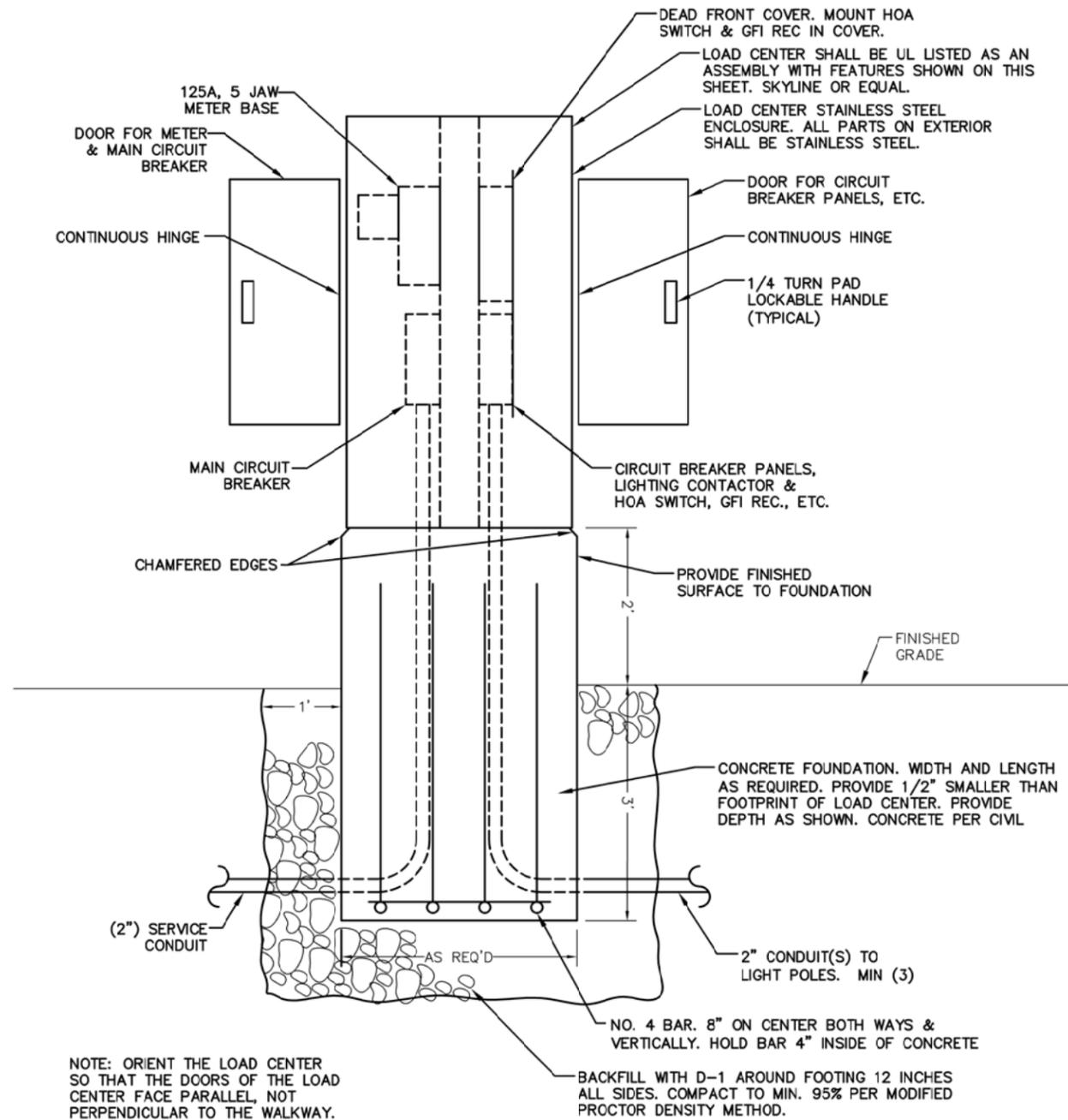
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SITKA SEAWALK PHASE II
 AKDOT&PF PROJECT NO. SFHWY00312

SHEET TITLE:
TRENCH DETAIL

PND PROJECT #: 222064 C.A.N. #: AECC250

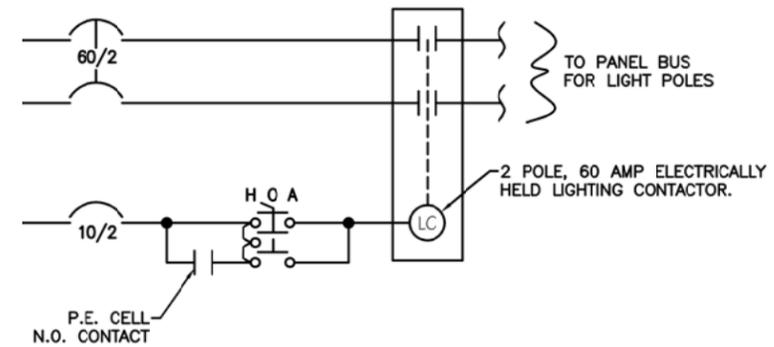
E4

x:\118 PN&D\70 sitka seawalk phase ii\working drawings\E5 LIGHTING LOAD CENTER DETAILS.dwg 10/21/22



NOTES:

1. THE LIGHTING CONTACTOR SHALL BE CONTROLLED BY THE P.E. CELL WHEN THE HOA SWITCH IS IN THE AUTOMATIC POSITION.
2. INSTALL GROUNDING HUBS, THIRD PARTY CERTIFIED FOR WET LOCATIONS (MYERS TYPE), WHEN ATTACHING CONDUITS TO THE LOAD CENTER ENCLOSURE.
3. LABEL ALL CIRCUIT BREAKERS AS TO FUNCTION AND POSITION. LABEL THE SELECTOR SWITCH "LIGHTING" AND ITS POSITIONS "ON-OFF-AUTO".
4. 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.



REVISIONS					
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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SITKA SEAWALK PHASE II
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SHEET TITLE:
LIGHTING LOAD CENTER DETAILS

PND PROJECT #: 222064 | C.A.N. #: AECC250

E5