CITY AND BOROUGH OF JUNEAU
DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

217 SECOND STREET, SUITE 207
JUNEAU, AK 99801
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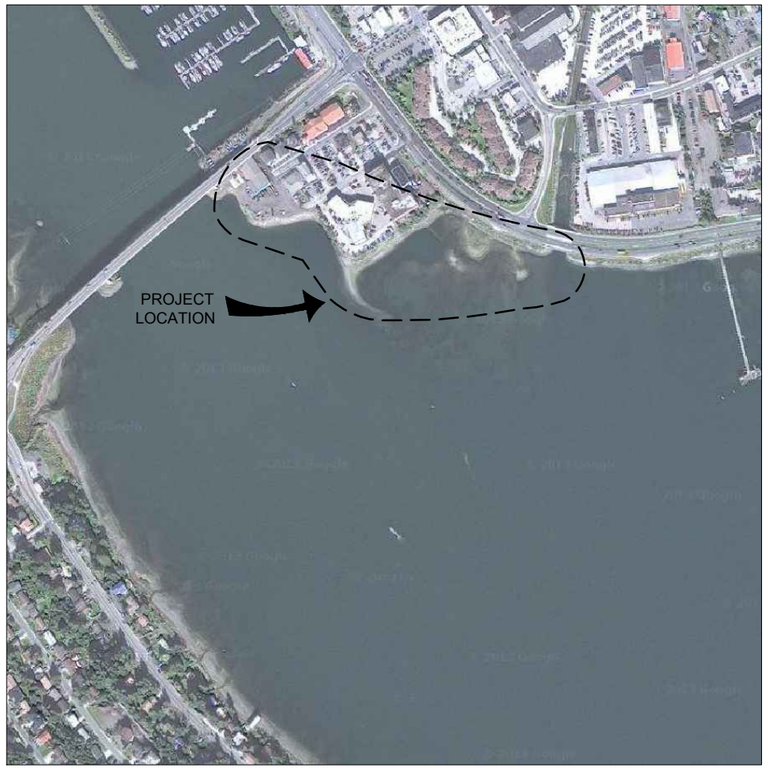

1 VICINITY MAP
1" = 500'-0"

0 250' 500' 1000'
SCALE: 1" = 500'-0"

N

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ADDITIONAL DRAWINGS

THE WHALE PROJECT WATER FEATURE BY WESCO FOUNTAINS, INC.
DATED 9/14/15 (27) SHEETS.

PROJECT LOCATION:
EGAN DRIVE
JUNEAU, ALASKA

CLIENT INFORMATION:
CITY AND BOROUGH OF JUNEAU
ENGINEERING DEPARTMENT
JUNEAU, AK 99801

Tt PROJECT No.:
135-12554-15003

CLIENT PROJECT No.:
E16-126

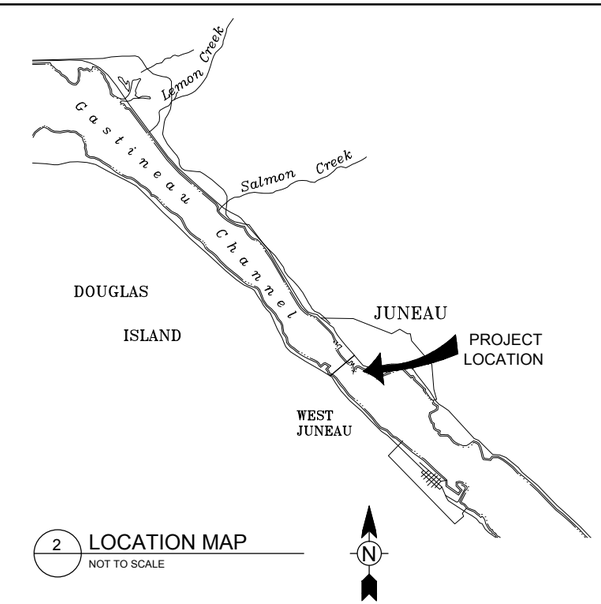
PROJECT DESCRIPTION / NOTES:

THE TOTAL PROJECT CONSISTS OF BRIDGE PARK LOCATED ALONG GASTINEAU CHANNEL BETWEEN 8TH AND 9TH STREETS, AND AN EXTENSION OF THE DOWNTOWN JUNEAU SEAWALK FROM THE PARK TO GOLD CREEK. THIS CONTRACT INCLUDES PHASE 1 SITEWORK AND CONSISTS OF THE SITEWORK REQUIRED FOR THE BRIDGE TO GOLD CREEK SEGMENT OF THE DOWNTOWN SEAWALK INCLUDING THE SITEWORK FOR BRIDGE PARK AT THE NORTHERN TERMINUS OF THE SEAWALK.

ISSUED:

11-20-15: BID DOCUMENTS

VICINITY MAP:

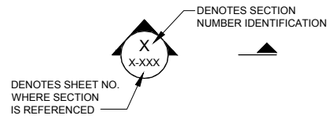


2 LOCATION MAP
NOT TO SCALE

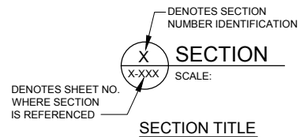
ABBREVIATIONS

AB	ANCHOR BOLT
AC	ASPHALT CEMENT
ADJ	ADJACENT
ALUM	ALUMINUM
APPROX	APPROXIMATELY
BOT	BOTTOM
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CPP	CORRUGATED POLYETHYLENE PIPE
DIA	DIAMETER
DIM	DIMENSION
(E)	EXISTING
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EXPAN	EXPANSION
EXST	EXISTING
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FIXT	FIXTURE
GA	GAUGE
GALV	GALVANIZED
GLAZ	GLAZING
HEX	HEXAGONAL
INV	INVERT
JT	JOINT
LB	POUND
LED	LIGHT-EMITTING DIODE
MAX	MAXIMUM
MIL	ONE THOUSANDTH OF AN INCH
MIN	MINIMUM
MTE	MATCH TO EXISTING
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OPP	OPPOSITE
RAD	RADIUS
REF	REFER TO
RH	ROUND HEAD
RSW	REFRIGERATED SEA WATER SYSTEM
SIM	SIMILAR
SQ	SQUARE
SST	STAINLESS STEEL
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
TBC	TOP BACK OF CURB
TBD	TO BE DETERMINED
THRU	THROUGH
TOW	TOP OF WALL
TRTD	TREATED
TSW	TOP OF SIDEWALK
TYP	TYPICAL
UHMW	ULTRA HIGH MOLECULAR WEIGHT
UNO	UNLESS NOTED OTHERWISE
VG	VERTICAL GRAIN
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WP	WATERPROOF

REFERENCE



SECTION REFERENCE



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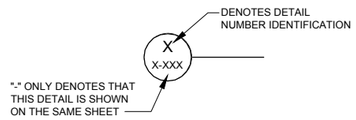
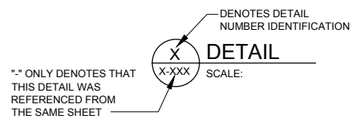


DETAIL REFERENCE



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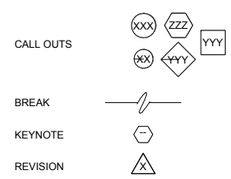

GENERAL REFERENCE

SHEET NUMBERING

X - # # #

DISCIPLINE
- GENERAL - G
- CIVIL - C
- LANDSCAPE - L
- STRUCTURAL - S
- ARCHITECTURAL - A
- ELECTRICAL - E

TYPE
- GENERAL - 0
- PLANS - 1
- ELEVATIONS - 2
- SECTIONS - 3
- ENLARGED VIEWS - 4
- DETAILS - 5
- SCHEDULES - 6
- 3D REPRESENTATIONS - 9

NUMBER
- 00-99

GENERAL NOTES

1. ALL WORK SHALL BE IN CONFORMANCE WITH THE CITY AND BOROUGH OF JUNEAU ENGINEERING STANDARD DETAILS, 4TH EDITION, DATED AUGUST 2015 AND ALL WORK MUST CONFORM TO THE LATEST ADOPTED EDITION OF ALL APPLICABLE CODES AS OF AUGUST 2015.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF UTILITIES SO AS TO AVOID DAMAGE OR DISTURBANCE DURING CONSTRUCTION. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL JUNEAU UTILITY COUNCIL AT 556–1333 AND THE CBJ FOR UTILITY LOCATIONS (WATER, SANITARY SEWER, STORM SEWER, POWER, TELEPHONE, AND TELEVISION). ALL UTILITY RELOCATION SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS.

3. THE CONTRACTOR SHALL MEET ALL TRENCH SAFETY REQUIREMENTS OF CBJ, STATE AND FEDERAL LAW AND SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY MEASURES THROUGHOUT THE PROJECT.

4. A COPY OF THESE APPROVED DRAWINGS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

5. WORK ON CBJ OR STATE OF ALASKA DOT & PF RIGHT–OF–WAY SHALL BE PERFORMED DURING HOURS AND DAYS LISTED IN SECTIONS 00700 & 01550 OF THE SPECIFICATIONS, AND IN APPLICABLE PERMITS.

6. ANY REVISIONS TO THESE DRAWINGS MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. TRUCK HAUL ROUTES AND EQUIPMENT ACCESS ARE TO BE APPROVED BY ENGINEER AND CITY BEFORE CONSTRUCTION IS ALLOWED TO COMMENCE.

7. NOTIFY THE CBJ AS REQUIRED BY THE SPECIFICATIONS BEFORE CONSTRUCTION IS STARTED AND BEFORE ANY EXPOSURE OR POSSIBLE DISTURBANCE OF UTILITIES.

8. IF ANY WORK REQUIRES LANE CLOSURES WITHIN STATE OF ALASKA AND CBJ RIGHT–OF–WAYS, CONTRACTOR SHALL OBTAIN LANE CLOSURE PERMIT FROM ALASKA DOTPF (UNDER 17 AAC 20.017) AND APPROVAL OF TRAFFIC CONTROL PLAN FROM CBJ PRIOR TO CONSTRUCTION.

9. DURING CONSTRUCTION, CONTRACTOR SHALL BE REQUIRED TO CONTROL ON–SITE STORM WATER RUNOFF BY USING TEMPORARY EROSION/SILTATION CONTROL PROCEDURES WHERE NECESSARY. NO SEDIMENT LADEN STORM WATER SHALL BE ALLOWED TO DISCHARGE TO SURFACE WATERS, THE STORM DRAINAGE SYSTEM OR ONTO ADJACENT PROPERTIES. NO STORM DRAINAGE OR GROUND WATER WILL BE ALLOWED INTO THE SANITARY SEWER SYSTEM. CONTROL OF WATER AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH SECTIONS 01530 PROTECTION AND RESTORATION OF EXISTING FACILITIES AND 01570 EROSION CONTROL, OF THE SPECIFICATIONS. SILT FENCING AND STORM DRAIN INLET PROTECTION AS REQUIRED, SHALL BE IN PLACE A MINIMUM ONE WEEK PRIOR TO STARTING CONSTRUCTION.

10. DURING CONSTRUCTION, ALL STREETS ADJACENT TO THIS PROJECT, INCLUDING HAUL ROUTES SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM THE CONTRACTOR'S OPERATIONS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL ALSO CONTROL DUST ON THE SITE AND HAUL ROUTES.

11. CONTRACTOR SHALL NOTIFY ENGINEER IN THE EVENT OF DISCOVERY OF POOR SOILS, STANDING GROUNDWATER OR DISCREPANCIES FROM DRAWINGS IN EXISTING CONDITIONS.

12. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE SIGNS AFFECTED BY CONSTRUCTION, PER CBJ REQUIREMENTS. ALL STREET SIGNS SHALL CONFORM TO CBJ STANDARDS. THE CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL ON DETOUR ROUTES, HAUL ROUTES, AND STREETS UNDER CONSTRUCTION PER SECTION 01550 SITE ACCESS AND STORAGE OF THE SPECIFICATIONS.

13. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE, EXCEPT AS NOTED IN THE CONTRACT DOCUMENTS.

14. ALL ASPHALT PAVEMENT TO BE REMOVED AND DISPOSED OF SHALL BE DELIVERED TO A STOCKPILE AREA AT THE STATE/CITY PIT. CONTACT ALLAN STEFFERT AT 586–0481 FOR THE EXACT LOCATION OF THE STOCKPILE WITHIN THE PIT AREA.

15. EXISTING CONDITIONS SHOWN ON THESE DRAWINGS BASED ON SITE SURVEYS BY DOWL–HKM DATED AUGUST 2010 AND SUPPLEMENTED IN BY SUBSEQUENT FIELD OBSERVATIONS.

16. ALL ELEVATIONS SHOWN ARE BASED ON A DATUM OF MLLW = 0.0. TIDAL RANGES ARE AS FOLLOWS:

EHW = 23.2 (USACE)
HIGHEST 1% EXCEEDANCE (NOAA) = 22.3
HTL = 20.8 (USACE)
HIGHEST PREDICTED IN 2015 = 20.4
MHHW = 16.30
MHW = 15.4 (USACE)
MSL = 8.6
MLLW = 0.0
LOWEST PREDICTED IN 2015 = –4.3
LOWEST 1% EXCEEDANCE (NOAA) = –6.1

17. CONTRACTOR TO INSTALL TEMPORARY FENCING THROUGHOUT PERIOD OF CONSTRUCTION TO PREVENT UNAUTHORIZED PUBLIC ACCESS TO CONSTRUCTION AREAS.

18. SUBMIT FOR REVIEW AND APPROVAL BY CBJ A SITE ACCESS, MATERIAL STORAGE, TRUCK HAUL ROUTE AND SITE SECURITY PLAN.

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STATE OF ALASKA 49th HAMID REZA NADERI-ASRAMI No. SE 13969 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA 49th DONALD R. BEARD No. CE 4225 REGISTERED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

ABBREVIATIONS, REFERENCE, AND GENERAL NOTES

Project No.:	135-12554-15003
Designed By:	SRO
Drawn By:	SRO
Checked By:	DRB

G-001

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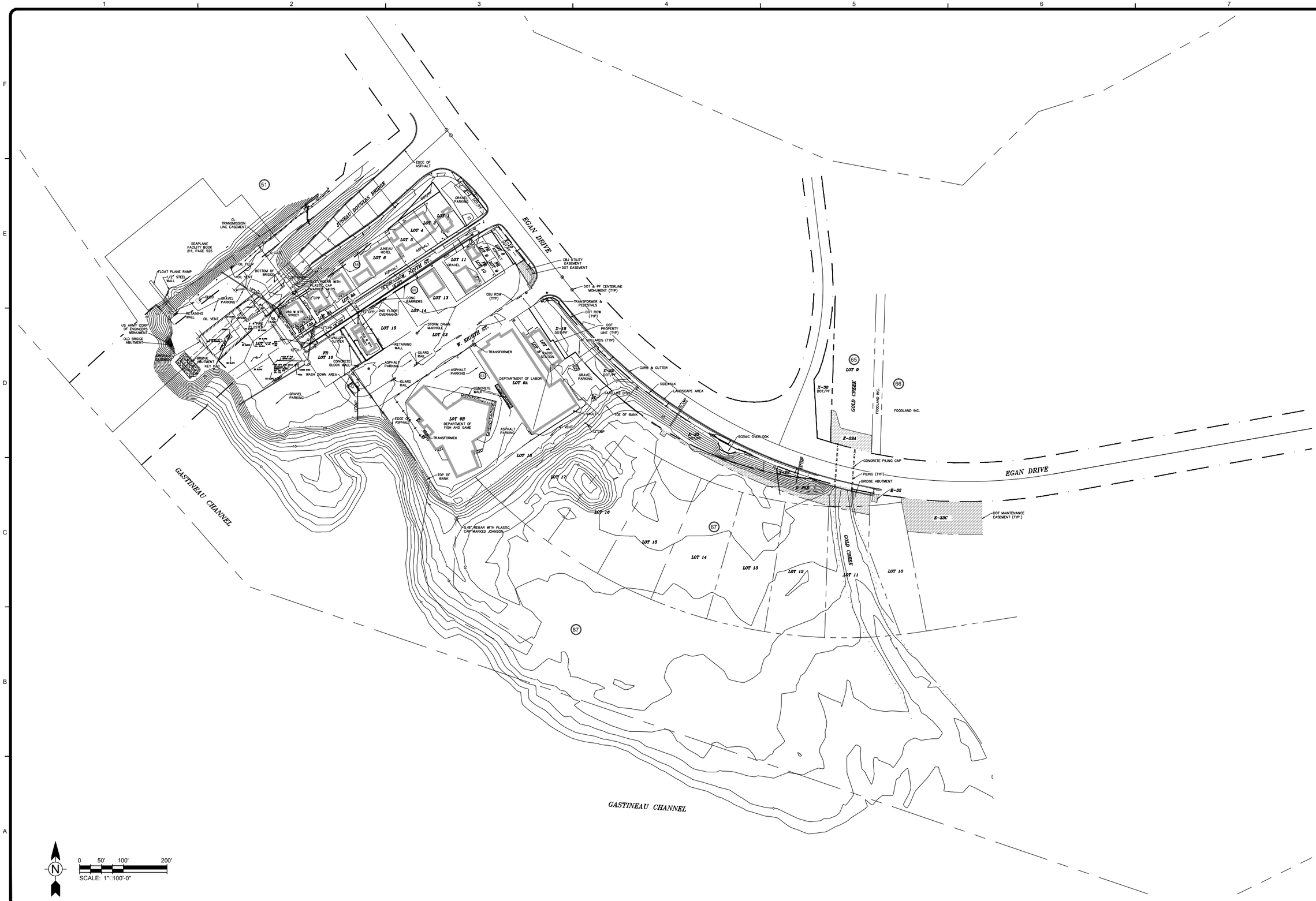

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CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

EXISTING SITE CONDITION SURVEY

Project No.:	135-12554-15003
Designed By:	DRB
Drawn By:	SRO
Checked By:	DRB

G-002

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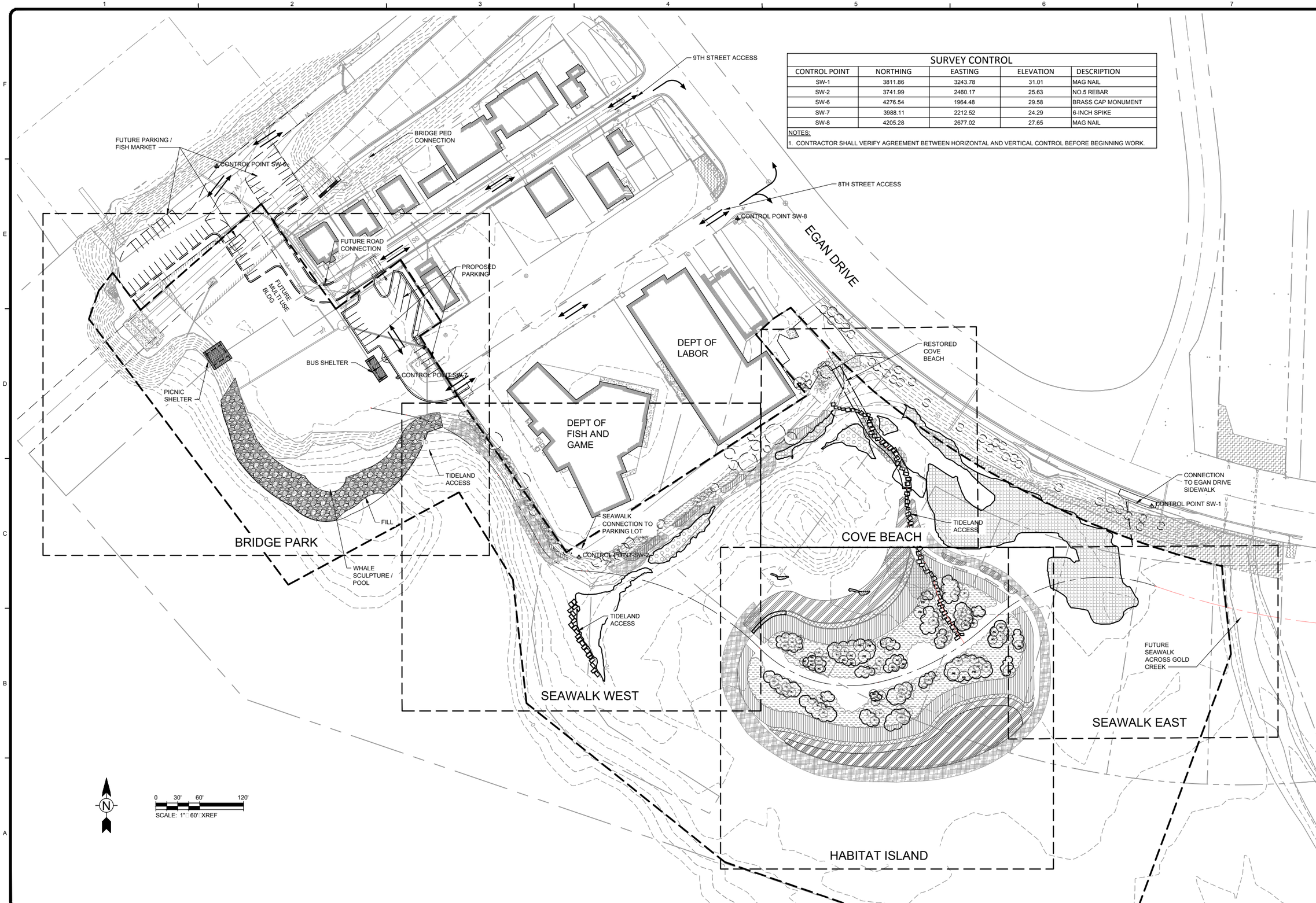

SURVEY CONTROL

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
SW-1	3811.86	3243.78	31.01	MAG NAIL
SW-2	3741.99	2460.17	25.63	NO.5 REBAR
SW-6	4276.54	1964.48	29.58	BRASS CAP MONUMENT
SW-7	3988.11	2212.52	24.29	6-INCH SPIKE
SW-8	4205.28	2677.02	27.65	MAG NAIL

NOTES:

1. CONTRACTOR SHALL VERIFY AGREEMENT BETWEEN HORIZONTAL AND VERTICAL CONTROL BEFORE BEGINNING WORK.

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STATE OF ALASKA 49th DONALD R. BEARD No. CE 4225 REGISTERED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

ILLUSTRATIVE SITE PLAN

Project No.:	135-12554-15003
Designed By:	BPL
Drawn By:	BPL
Checked By:	DRB

G-003

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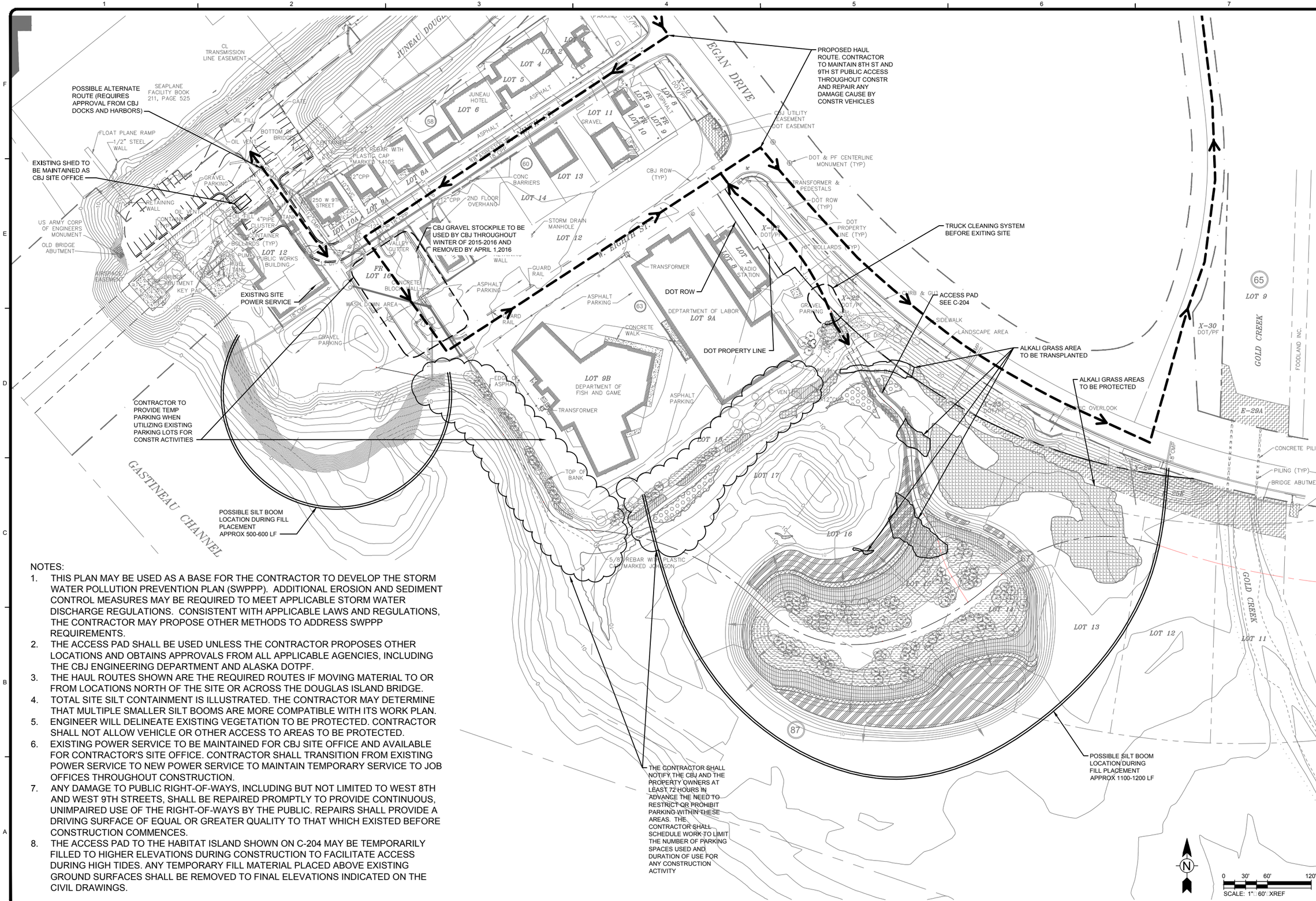

NOTES:

1. THIS PLAN MAY BE USED AS A BASE FOR THE CONTRACTOR TO DEVELOP THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED TO MEET APPLICABLE STORM WATER DISCHARGE REGULATIONS. CONSISTENT WITH APPLICABLE LAWS AND REGULATIONS, THE CONTRACTOR MAY PROPOSE OTHER METHODS TO ADDRESS SWPPP REQUIREMENTS.
2. THE ACCESS PAD SHALL BE USED UNLESS THE CONTRACTOR PROPOSES OTHER LOCATIONS AND OBTAINS APPROVALS FROM ALL APPLICABLE AGENCIES, INCLUDING THE CBJ ENGINEERING DEPARTMENT AND ALASKA DOTPF.
3. THE HAUL ROUTES SHOWN ARE THE REQUIRED ROUTES IF MOVING MATERIAL TO OR FROM LOCATIONS NORTH OF THE SITE OR ACROSS THE DOUGLAS ISLAND BRIDGE.
4. TOTAL SITE SILT CONTAINMENT IS ILLUSTRATED. THE CONTRACTOR MAY DETERMINE THAT MULTIPLE SMALLER SILT BOOMS ARE MORE COMPATIBLE WITH ITS WORK PLAN.
5. ENGINEER WILL DELINEATE EXISTING VEGETATION TO BE PROTECTED. CONTRACTOR SHALL NOT ALLOW VEHICLE OR OTHER ACCESS TO AREAS TO BE PROTECTED.
6. EXISTING POWER SERVICE TO BE MAINTAINED FOR CBJ SITE OFFICE AND AVAILABLE FOR CONTRACTOR'S SITE OFFICE. CONTRACTOR SHALL TRANSITION FROM EXISTING POWER SERVICE TO NEW POWER SERVICE TO MAINTAIN TEMPORARY SERVICE TO JOB OFFICES THROUGHOUT CONSTRUCTION.
7. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, INCLUDING BUT NOT LIMITED TO WEST 8TH AND WEST 9TH STREETS, SHALL BE REPAIRED PROMPTLY TO PROVIDE CONTINUOUS, UNIMPAIRED USE OF THE RIGHT-OF-WAYS BY THE PUBLIC. REPAIRS SHALL PROVIDE A DRIVING SURFACE OF EQUAL OR GREATER QUALITY TO THAT WHICH EXISTED BEFORE CONSTRUCTION COMMENCES.
8. THE ACCESS PAD TO THE HABITAT ISLAND SHOWN ON C-204 MAY BE TEMPORARILY FILLED TO HIGHER ELEVATIONS DURING CONSTRUCTION TO FACILITATE ACCESS DURING HIGH TIDES. ANY TEMPORARY FILL MATERIAL PLACED ABOVE EXISTING GROUND SURFACES SHALL BE REMOVED TO FINAL ELEVATIONS INDICATED ON THE CIVIL DRAWINGS.

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CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

EROSION, SEDIMENT, AND TRAFFIC CONTROL PLAN

Project No.:	135-12554-15003
Designed By:	BPL
Drawn By:	BPL
Checked By:	DRB

G-004

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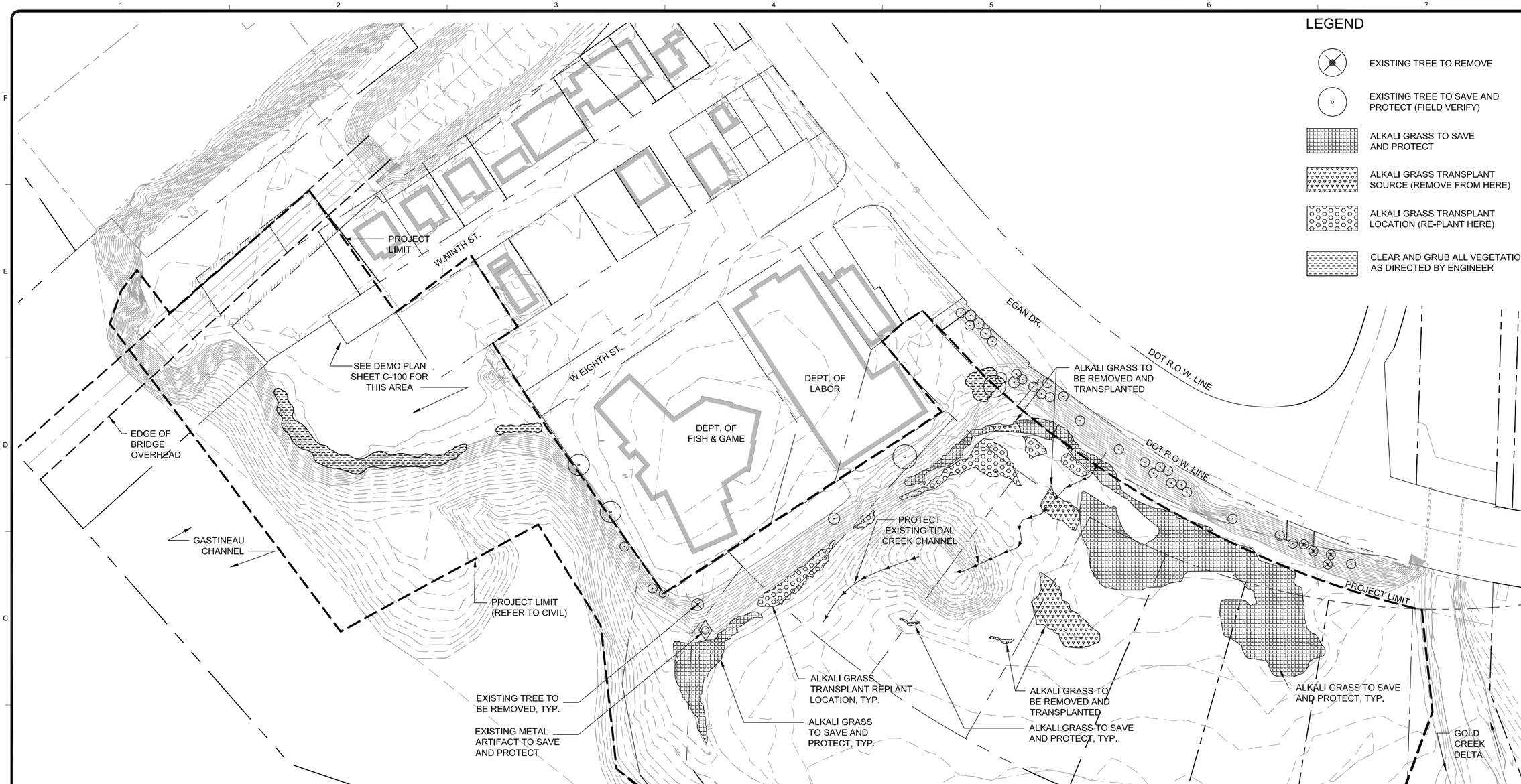

LEGEND

- EXISTING TREE TO REMOVE
- EXISTING TREE TO SAVE AND PROTECT (FIELD VERIFY)
- ALKALI GRASS TO SAVE AND PROTECT
- ALKALI GRASS TRANSPLANT SOURCE (REMOVE FROM HERE)
- ALKALI GRASS TRANSPLANT LOCATION (RE-PLANT HERE)
- CLEAR AND GRUB ALL VEGETATION AS DIRECTED BY ENGINEER

CLEAR & GRUB NOTES:

1. COORDINATE TRANSPLANT OF EXISTING NATIVE SPECIES WITH ENGINEER. TIMING AND SEQUENCING OF TRANSPLANT INSTALLATION SHALL BE AN EARLY ACTION WORK ITEM. PROVIDE STAKE OUT OF PROPOSED LOCATION OF TRANSPLANT AREA FOR APPROVAL. SEE TRANSPLANT NOTES.
2. IN AREAS WHERE CLEARING AND GRUBBING IS INDICATED, CONTRACTOR TO REMOVE AND DISPOSE OF ALL CONCRETE, ASPHALT AND METAL DEBRIS ON EXISTING SLOPES AND INTERTIDAL AREAS AS DIRECTED BY THE ENGINEER. SUCH DEBRIS IS ESTIMATED AT APPROX 50 CY AND WILL BE CONSIDERED INCIDENTAL TO THE CLEARING AND GRUBBING PAY ITEM.

TRANSPLANT NOTES:

1. THIS WORK SHALL INCLUDE THE CAREFUL REMOVAL OF EXISTING ALKALI GRASS, RELOCATING TO THE SPECIFIED LOCATION, OVER EXCAVATING NATIVE SOIL TO REQUIRED DEPTH AND INSTALLING THE RELOCATED PLANTS. MAINTAIN TRANSPLANTED MATERIAL UNTIL SUBSTANTIAL COMPLETION. TRANSPLANT OF ALKALI GRASS SHALL BE DONE UNDER THE SUPERVISION OF THE ENGINEER. EQUIPMENT AND METHODS FOR TRANSPLANT SHALL BE APPROVED BY ENGINEER.
2. ALKALI GRASS REGIONS IDENTIFIED FOR TRANSPLANT AND PROTECTION SHOWN ON THE PLANS MAY BE DORMANT AND NOT VISIBLE. THE AREAS SHOWN WERE FIELD VERIFIED DURING DESIGN AND CAD FILES OF CONFORMED DRAWINGS SHALL BE USED BY THE CONTRACTOR'S SURVEYOR TO LOCATE THE TRANSPLANT AREAS. COORDINATE WITH THE ENGINEER FOR FINAL APPROVAL OF THE ALKALI REGIONS.
3. ALKALI GRASS REGIONS SHOWN ON THE PLANS FOR PROTECTION AND TRANSPLANT SHALL BE CLEARLY STAKED WITH STAKES SUITABLE TO WITHSTAND INTERTIDAL ACTION. CONTRACTOR SHALL USE A COLOR CODED FLAG AND STAKE SYSTEM TO DEFINE THE PROTECTION AND TRANSPLANT REGIONS.
4. TRANSPLANT WORK SHALL BE AN EARLY ACTION ITEM AND SHALL BE ACCOMPLISHED AS PART OF THE CLEARING AND GRUBBING WORK DURING THE DORMANT SEASON AND DURING COOL, MOIST WEATHER.
5. ALKALI GRASS SHALL BE DUG USING APPROVED EQUIPMENT AND SHALL HAVE A ROOT MASS/ BALL OF 6"-8" DEEP. ALKALI GRASS SHALL BE REMOVED AS INDIVIDUAL PLANTS OR IN "SOD" FRAGMENTS, ACCEPTABLE SOD MASS SIZE TO BE APPROVED BY ENGINEER, AND SHALL BE PLANTED AT THE ORIGINAL RELATIVE DEPTH.
6. NO TRANSPLANT MATERIAL SHALL BE PLANTED UNTIL THE LOCATION HAS BEEN INSPECTED AND APPROVED FOR PLANTING BY THE ENGINEER. PLANTS SHALL NOT BE PLANTED DURING FREEZING WEATHER OR WHEN THE GROUND IS FROZEN. PLANTS SHALL NOT BE PLANTED DURING EXCESSIVELY WET CONDITIONS, PLANTS SHALL NOT BE PLANTED IN TEMPERATURES EXCEEDING 65 DEGREES.
7. STAKE TRANSPLANTED MATERIAL WITH 10" LONG WOODSTAKES, SPACE STAKES AT 24" O.C. COMPACT BACK FILL OF NATIVE SOIL AROUND TRANSPLANTED MATERIAL ENSURE ALL VOIDS AND GAPS BETWEEN SOD PIECES ARE FILLED.
8. THE COMPLETE TRANSPLANTING PROCESS SHALL OCCUR IMMEDIATELY OR WITHIN 8 HOURS OF REMOVAL.

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STATE OF ALASKA 49TH MICHAEL A. PERFETTI No. 12859 LANDSCAPE ARCHITECT
11/20/2015

j.a. brennan associates PLLC
Landscape Architects & Planners
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Seattle, WA 98104
t. 206.583.0620 f. 206.583.0623

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

LANDSCAPE CLEAR, GRUB & TRANSPLANT PLAN

Project No.:	135-12554-15003
Designed By:	DC
Drawn By:	EG
Checked By:	JB

G-005

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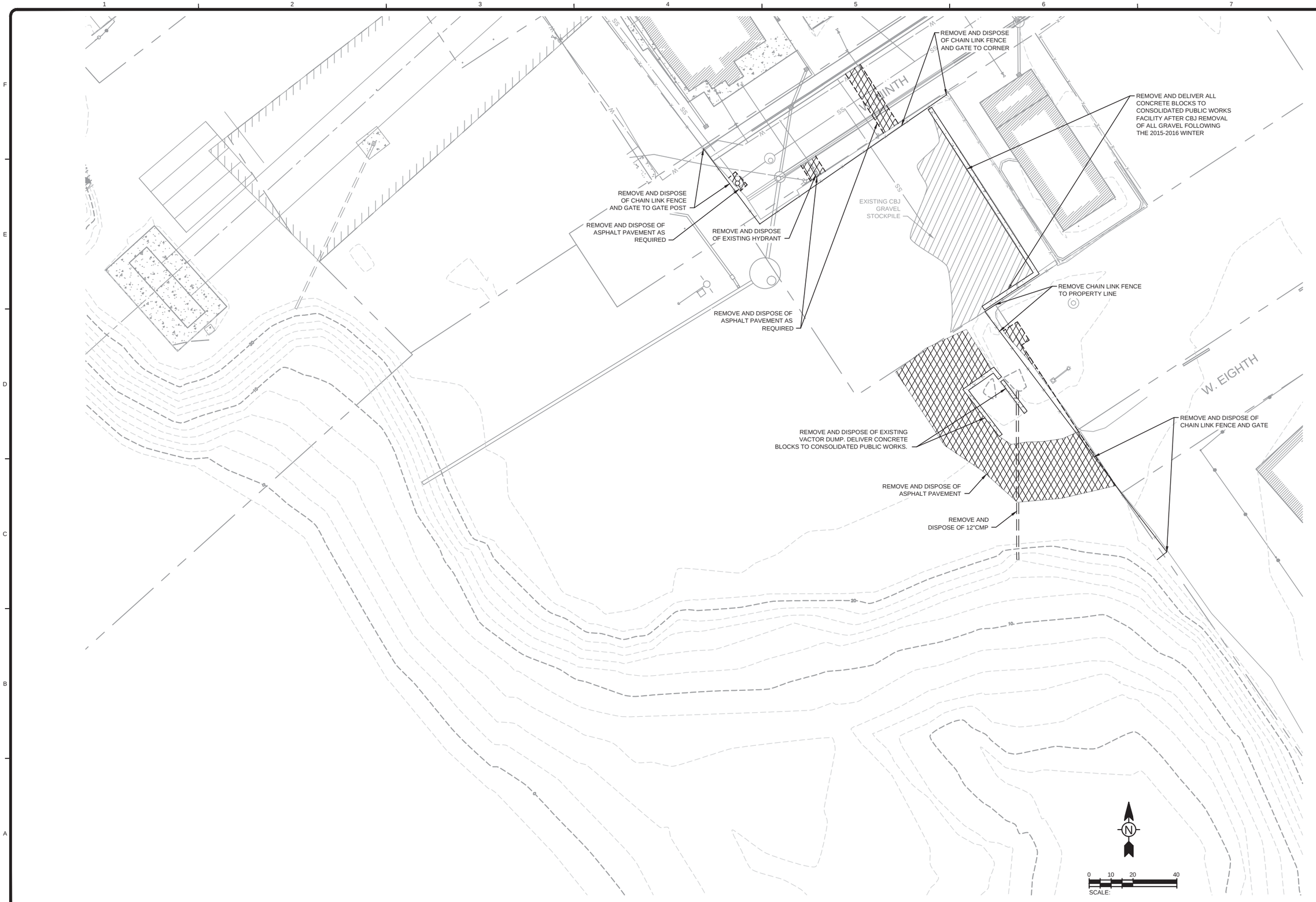
Bar Measures 1 inch

11/23/2015 10:44:11 AM - P:\JUNEAU DOWNTOWN SEAWALK\2015\CAD\SHEETS\JUNEAU G-005 CLEAR&GRUB.DWG - DREW COOMBS



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Matthew R. Tosdevin
No. CE9959
11-20-15
PROFESSIONAL ENGINEER

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CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

BRIDGE PARK OVERALL SITE DEMOLITION PLAN

Project No.:	135-12554-15003
Designed By:	TAL
Drawn By:	TAL
Checked By:	NRH

C-101

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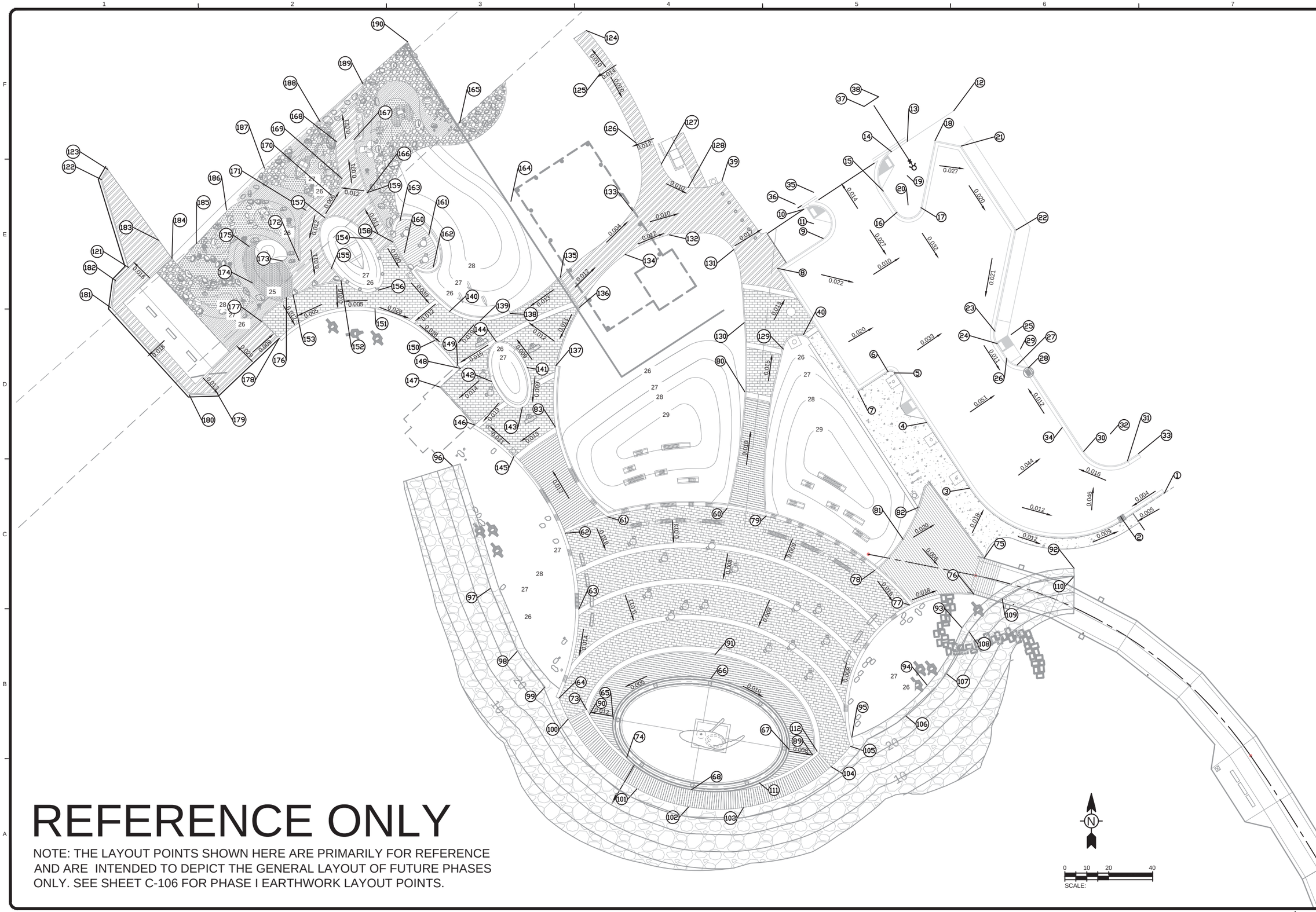
Bar Measures 1 inch



REFERENCE ONLY

NOTE: THE LAYOUT POINTS SHOWN HERE ARE PRIMARILY FOR REFERENCE AND ARE INTENDED TO DEPICT THE GENERAL LAYOUT OF FUTURE PHASES ONLY. SEE SHEET C-106 FOR PHASE I EARTHWORK LAYOUT POINTS.

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STATE OF ALASKA 49th Thomas R. Fisher Registered Professional Engineer No. CE9969 11-20-15 Expires 1-31-16

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907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126: DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

BRIDE PARK OVERALL
SITE GRADING
AND DRAINAGE

Project No.:	135-12554-15003
Designed By:	####
Drawn By:	####
Checked By:	####

C-102

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Bar Measures 1 inch

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REFERENCE ONLY

NOTE; THE LAYOUT POINTS SHOWN HERE ARE PRIMARILY FOR REFERENCE AND ARE INTENDED TO DEPICT THE GENERAL LAYOUT OF FUTURE PHASES ONLY. SEE SHEET C-106 FOR PHASE I EARTHWORK LAYOUT POINTS.

PARKING POINT TABLE

Point #	Northing	Easting	Raw Description	Elevation
1	3973.74	2310.71	TBC	24.30
2	3961.39	2291.84	TBC	23.79
3	3975.99	2221.93	TBC	24.78
4	4005.91	2202.35	TBC	24.77
5	4028.51	2187.56	TBC	24.32
6	4029.09	2184.79	TBC	24.41
7	4020.12	2171.08	TBC	24.63
8	4076.18	2134.40	TBC	25.33
9	4089.79	2155.20	TBC	25.45
10	4103.14	2146.38	TBVG	25.60
11	4096.49	2150.82	TBC RP	0.00
12	4147.97	2214.73	SWCT MTE	0.00
13	4134.07	2193.58	TBC	0.00
14	4129.33	2186.36	TBC	25.33
15	4111.35	2182.62	TBC	25.05
16	4101.80	2188.88	TBC	24.91
17	4103.85	2199.77	TBC	24.68
18	4134.38	2206.15	TBC	24.33
19	4118.47	2193.50	TBC RP	0.00
20	4105.08	2193.90	TBC RP	0.00
21	4131.89	2218.10	TBC	24.22
22	4093.67	2243.10	TBC	23.69
23	4047.51	2233.46	TBC	23.23
24	4041.87	2234.53	TBC	23.15
25	4045.98	2240.80	TBC RP	0.00
26	4035.29	2238.84	TBC	23.08
27	4032.05	2243.58	TBC	23.00
28	4030.95	2248.84	TBC	22.96
29	4039.39	2245.11	TBC RP	0.00
30	3992.72	2273.87	TBC	23.40
31	3988.49	2293.89	TBC	23.56
32	4000.66	2286.00	TBC RP	0.00
33	3991.76	2298.92	TBC	23.61
34	4003.64	2264.19	TBC RP	0.00
35	4110.87	2150.86	SWCT MTE	0.00
36	4105.38	2142.50	SWCT MTE	0.00
37	4149.97	2173.82	SWCT MTE	0.00
38	4154.36	2180.50	SWCT MTE	0.00
39	4116.13	2109.07	TSW	25.25
40	4045.89	2146.16	TSW	24.94

WHALE POOL AND PLAZA POINT TABLE

Point #	Northing	Easting	Raw Description	Elevation
60	3966.83	2111.37	FSTWL	26.12
61	3962.96	2056.87	FSTWL	26.50
62	3955.50	2037.59	FSTWL	26.16
63	3920.84	2043.81	FSTWL	25.63
64	3880.28	2034.73	TB FSTWL	25.00
65	3870.80	2059.49	MA AXIS	25.16
66	3889.18	2103.93	MI AXIS	25.50
67	3856.98	2139.65	MA AXIS	25.05
68	3838.60	2095.21	MI AXIS	23.00
73	3875.17	2047.38	FSTWL	25.02
74	3853.32	2065.70	FSTWL	23.98
75	3944.07	2228.57	TTMBR	25.00
76	3927.74	2223.82	TTMBR	25.00
77	3922.78	2194.62	FSTWL	25.53
78	3938.56	2178.71	FSTWL	25.88
79	3963.34	2129.20	FSTWL	26.05
80	4019.96	2119.52	TSW	25.58
81	3952.70	2191.63	TTMBR	25.50
82	3967.19	2198.45	FSTWL	25.21
83	4003.86	2033.16	TTMBR	25.76
89	3854.40	2150.36	TTMBR	24.95
90	3872.82	2048.68	TTMBR	25.02
91	3900.02	2105.80	TTMBR	25.59
92	3939.44	2269.66	TB	25.00
93	3912.31	2218.48	TOE BERM	25.00
94	3886.11	2202.72	TOE BERM	25.00
95	3862.30	2168.20	TOE BERM	25.02
96	3986.01	1986.43	TB BGN RR	25.00
97	3930.40	2003.71	TB END RR	25.00
98	3901.80	2015.90	TB	25.00
99	3885.37	2028.40	TB	25.00
100	3870.74	2038.98	TB TTMBR	24.24
101	3838.97	2070.33	TB TTMBR	23.00
102	3830.71	2093.85	TB TTMBR	22.98
103	3830.38	2118.85	TB TTMBR	23.00
104	3849.07	2158.73	TB TTMBR	23.91
105	3858.38	2167.60	TB FSTWL	25.00
106	3872.15	2192.97	TB	24.60
107	3891.45	2211.37	TB	24.61
108	3910.69	2221.61	TB	25.00
109	3925.84	2236.76	TB	25.00
110	3935.94	2269.62	TB END RR	25.00
111	3841.66	2126.08	FSTWL	23.72
112	3856.17	2152.42	BGN CL TD	25.01

BRIDGE PARK POINT TABLE

Point #	Northing	Easting	Raw Description	Elevation
121	4076.61	1838.62	AC	25.90
122	4116.56	1826.41	AC	24.94
123	4121.28	1829.19	AC	24.96
124	4184.56	2047.25	TSW	25.89
125	4164.91	2053.50	AC	25.98
126	4133.33	2069.94	AC	25.63
127	4123.58	2081.38	AC	25.58
128	4113.05	2093.67	TSW	25.41
129	4039.38	2137.01	TSW	25.22
130	4051.44	2119.21	TSW	25.30
131	4084.75	2114.42	TSW	25.00
132	4091.48	2085.03	TSW	25.39
133	4102.53	2068.29	TSW	25.67
134	4082.50	2065.03	TSW	25.64
135	4072.04	2035.44	TSW	25.97
136	4058.41	2044.10	TSW	26.15
137	4031.81	2033.39	FSTWL/TSW	25.89
138	4055.62	2012.61	FSTWL/TSW	25.73
139	4052.24	1998.75	FSTWL/TSW	25.70
140	4056.52	1984.91	FSTWL/TSW	25.80
141	4031.01	2020.26	TSW MA AXIS	25.71
142	4024.56	2004.07	TSW MA AXIS	25.20
143	4012.85	2018.12	TSW MA AXIS	25.53
144	4042.73	2006.22	TSW MA AXIS	25.50
145	3990.37	2014.23	TSW FSTWL	25.43
146	4004.78	1996.38	TSW BGN FSTWL	25.00
147	4022.05	1980.57	TSW	25.63
148	4030.61	1989.91	TSW	25.16
149	4032.08	1988.56	TSW END FSTWL	25.20
150	4043.34	1978.26	TSW END FSTWL	25.47
151	4057.79	1950.94	TSW FCSTWL	26.39
152	4070.76	1935.43	AC MI AXIS	26.53
153	4064.13	1913.61	AC MI AXIS	26.38
154	4089.67	1949.56	AC MI AXIS	27.10
155	4075.92	1930.95	AC MI AXIS	26.60
156	4066.27	1952.46	AC MA AXIS	26.54
157	4099.32	1928.05	AC MA AXIS	26.87
158	4088.19	1959.11	FSTWL/TSW	27.11
159	4110.68	1947.39	FSTWL/TSW	26.90
160	4083.34	1964.36	AC MI AXIS	26.35
161	4091.32	1975.49	AC MI AXIS	26.48
162	4076.77	1977.49	AC MA AXIS	26.15
163	4097.89	1962.36	AC MA AXIS	26.58
164	4106.75	2012.87	TSW POC	25.85
165	4142.57	1989.56	TSW POC	25.72
166	4110.68	1947.39	TSW POC	26.90
167	4134.83	1941.36	TSW POC	26.27
168	4133.89	1933.42	TSW POC	26.04
169	4117.07	1935.97	TSW POC	26.69
170	4109.53	1931.05	TSW POC	26.79

BRIDGE PARK POINT TABLE

Point #	Northing	Easting	Raw Description	Elevation
171	4102.63	1919.48	TSW POC	26.82
172	4079.66	1916.40	TSW POC	26.59
173	4079.53	1908.93	TCONC MI AXIS	26.60
174	4069.50	1895.15	TCONC MI AXIS	26.30
175	4086.20	1893.54	TCONC MA AXIS	26.30
176	4062.83	1910.54	TSW MA AXIS	26.37
177	4052.01	1899.23	TSW	26.25
178	4044.24	1907.26	AC PVR BGN FCSTWL	26.12
179	4018.99	1879.18	AC	25.92
180	4018.52	1866.30	AC	25.93
181	4058.26	1830.59	AC	25.95
182	4070.59	1832.78	AC	25.92
183	4088.94	1852.50	AC	26.00
184	4080.68	1858.45	TSW	26.12
185	4087.53	1869.49	TSW	25.80
186	4102.79	1883.29	TSW	25.80
187	4121.87	1900.54	TSW	25.80
188	4142.99	1925.95	TSW	25.41
189	4160.20	1945.52	TSW	25.73
190	4179.45	1965.84	TSW	25.70

POINT LEGEND

ABBREVIATION	FULL DESCRIPTION
AC	TOP ASPHALT CEMENT
AP	ANGLE POINT
BGN	BEGIN
CONC	CONCRETE
EDG	EDGE
FSTWL	FACE SEAT WALL
MI AXIS	MINOR AXIS OF ELLIPSE
MA AXIS	MAJOR AXIS OF ELLIPSE
MTE	MATCH TO EXISTING
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
POC	POINT ON CURVE
PVR	PAVER
RR	RIP RAP
RP	RADIUS POINT
SWCT	SAWCUT
TTMBR	TOP TIMBER DECKING
TB	TOP OF BANK
TBC	TOP BACK OF CURB
TBVG	TOP BACK VALLEY GUTTER
TCONC	TOP CONCRETE
TD	TRENCH DRAIN
TSW	TOP OF SIDEWALK

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STATE OF ALASKA 49th Kathleen R. Todd Licensed Professional Engineer No. CE9959 11-20-15

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907-780-3533

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CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

BRIDE PARK OVERALL LAYOUT POINTS

Project No.: 135-12554-15003
Designed By: ####
Drawn By: ####
Checked By: ####

C-103

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Bar Measures 1 inch

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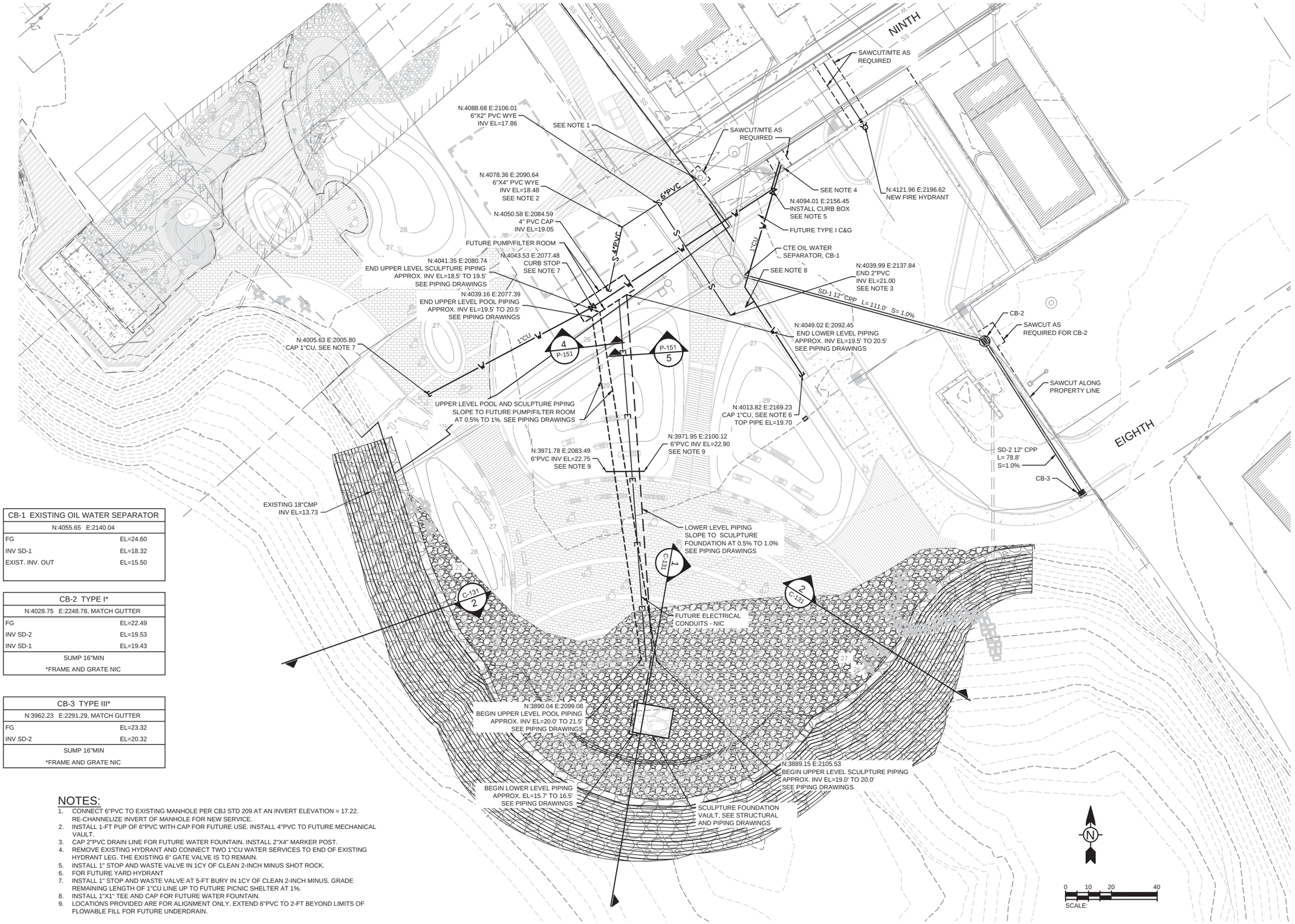

CB-1 EXISTING OIL WATER SEPARATOR	
N:4055.65 E:2140.04	
FG	EL=24.60
INV SD-1	EL=18.32
EXIST. INV. OUT	EL=15.50

CB-2 TYPE I*	
N:4028.75 E:2248.78, MATCH GUTTER	
FG	EL=22.49
INV SD-2	EL=19.53
INV SD-1	EL=19.43
SUMP 16"MIN	
*FRAME AND GRATE NIC	

CB-3 TYPE III*	
N:3962.23 E:2291.29, MATCH GUTTER	
FG	EL=23.32
INV SD-2	EL=20.32
SUMP 16"MIN	
*FRAME AND GRATE NIC	

NOTES:

1. CONNECT 6"PVC TO EXISTING MANHOLE PER CBJ STD 209 AT AN INVERT ELEVATION = 17.22. RE-CHANNELIZE INVERT OF MANHOLE FOR NEW SERVICE.
2. INSTALL 1-FT PUP OF 6"PVC WITH CAP FOR FUTURE USE. INSTALL 4"PVC TO FUTURE MECHANICAL VAULT.
3. CAP 2"PVC DRAIN LINE FOR FUTURE WATER FOUNTAIN. INSTALL 2"X4" MARKER POST.
4. REMOVE EXISTING HYDRANT AND CONNECT TWO 1"CU WATER SERVICES TO END OF EXISTING HYDRANT LEG. THE EXISTING 6" GATE VALVE IS TO REMAIN.
5. INSTALL 1" STOP AND WASTE VALVE IN 1CY OF CLEAN 2-INCH MINUS SHOT ROCK.
6. FOR FUTURE YARD HYDRANT
7. INSTALL 1" STOP AND WASTE VALVE AT 5-FT BURY IN 1CY OF CLEAN 2-INCH MINUS. GRADE REMAINING LENGTH OF 1"CU LINE UP TO FUTURE PICNIC SHELTER AT 1%.
8. INSTALL 1"X1" TEE AND CAP FOR FUTURE WATER FOUNTAIN.
9. LOCATIONS PROVIDED ARE FOR ALIGNMENT ONLY. EXTEND 6"PVC TO 2-FT BEYOND LIMITS OF FLOWABLE FILL FOR FUTURE UNDERDRAIN.

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STATE OF ALASKA 49th Kevin C. Tosdevin No. CE9959 11-20-15 Registered Professional Engineer

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907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126. DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

BRIDE PARK OVERALL CIVIL SITE PLAN

Project No.:	135-12554-15003
Designed By:	####
Drawn By:	####
Checked By:	####

C-104

Copyright: Tetra Tech

Bar Measures 1 inch

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PHASE I LAYOUT TABLE

Point #	Northing	Easting	Raw Description	Elevation
300	3986.01	1986.43	TB	25.00
301	3930.40	2003.71	TB	25.00
302	3902.34	2014.99	TB	24.58
303	3885.37	2028.40	TB	25.00
304	3878.74	2030.51	TB	22.00
305	3856.44	2042.90	TB	21.13
306	3839.04	2061.55	TB	20.26
307	3826.44	2092.19	TB	20.00
308	3825.93	2119.52	TB	20.00
309	3833.61	2143.84	TB	20.84
310	3855.56	2171.10	TB	22.00
311	3861.54	2175.49	TB	25.00
312	3869.24	2189.01	TB	25.00
313	3887.51	2208.44	TB	25.00
314	3910.69	2221.61	TB	25.00
315	3921.03	2230.53	TB	25.00
316	3932.19	2248.66	TB	25.00
317	3935.94	2269.62	TB	25.00
319	3987.08	1989.87	TPSR	23.00
320	3931.65	2007.09	TPSR	23.00
321	3903.49	2019.09	TPSR	23.00

PHASE I LAYOUT TABLE

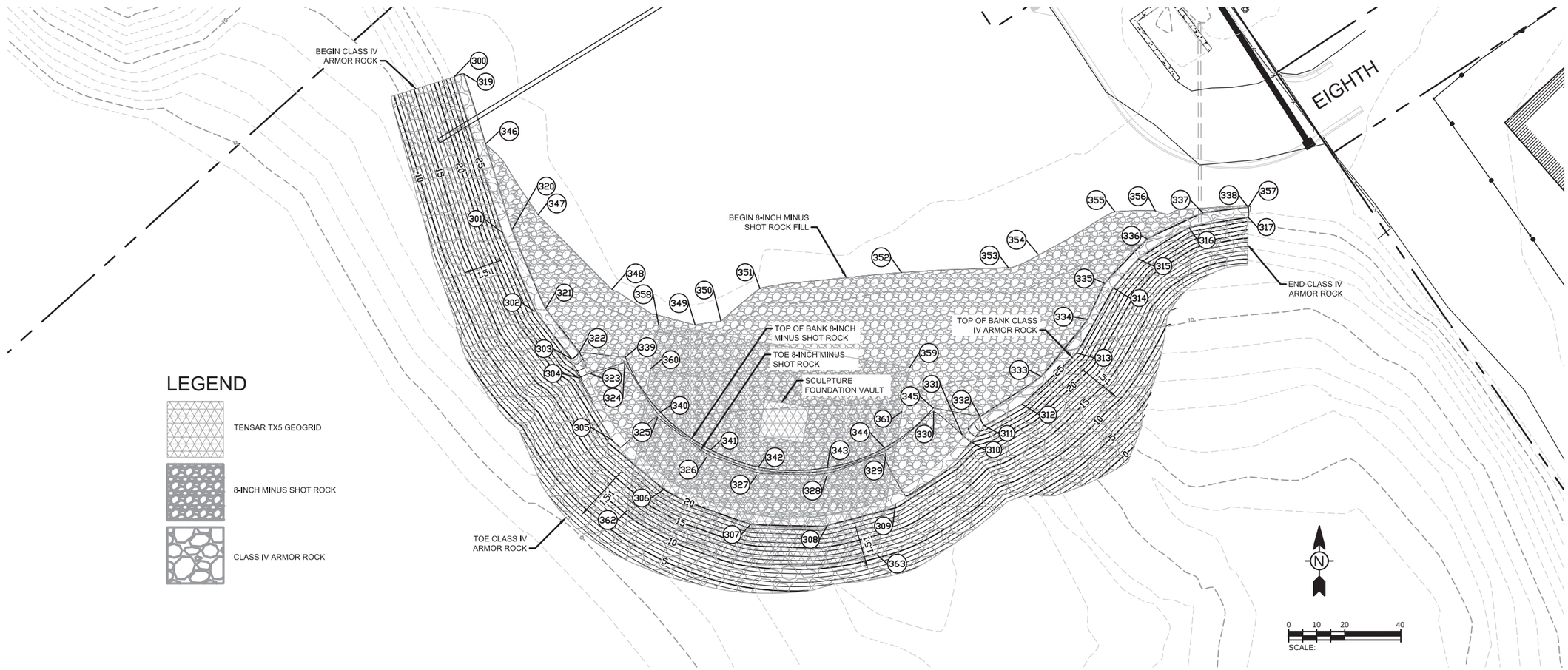
Point #	Northing	Easting	Raw Description	Elevation
322	3887.77	2031.08	TPSR	23.00
323	3880.28	2034.73	TPSR TRR	22.00
324	3883.88	2047.27	TOSR	21.96
325	3864.52	2058.92	TOSR	20.98
326	3850.38	2076.55	TOSR	20.00
327	3843.86	2094.33	TOSR	20.00
328	3843.65	2119.31	TOSR	20.10
329	3851.68	2140.43	TOSR	21.05
330	3866.53	2157.47	TOSR	22.00
331	3858.38	2167.60	TPSR TRR	22.00
332	3864.80	2173.97	TPSR	23.00
333	3879.19	2195.77	TPSR	23.00
334	3899.46	2212.23	TPSR	23.00
335	3912.36	2218.40	TPSR	23.00
336	3928.18	2233.65	TPSR	23.00
337	3937.53	2253.53	TPSR	23.00
338	3939.54	2269.64	TPSR	23.00
339	3886.02	2047.50	TPSR	23.00
340	3866.32	2060.00	TPSR	23.00
341	3853.01	2077.99	TPSR	23.00
342	3846.78	2094.99	TPSR	23.00

PHASE I LAYOUT TABLE

Point #	Northing	Easting	Raw Description	Elevation
343	3846.60	2119.49	TPSR	23.00
344	3853.62	2139.91	TPSR	23.00
345	3867.91	2157.34	TPSR	23.00
346	3962.12	1997.63	TPSR	23.00
347	3936.80	2016.30	TPSR	23.00
348	3910.22	2042.69	TPSR	23.00
349	3897.48	2072.36	TPSR	23.00
350	3898.90	2081.59	TPSR	23.00
351	3910.48	2095.51	TPSR	23.00
352	3916.18	2145.95	TPSR	23.00
353	3917.95	2184.10	TPSR	23.00
354	3922.78	2194.62	TPSR	25.53
355	3937.87	2222.21	TPSR	23.00
356	3938.21	2236.54	TPSR	23.00
357	3940.11	2270.01	TPSR	23.00
358	3897.72	2059.32	GG	12.00
359	3882.29	2148.84	GG	12.00
360	3881.96	2056.60	GG	6.00
361	3866.52	2146.12	GG	6.00
362	3831.11	2047.83	GG	6.00
363	3815.42	2137.30	GG	6.00

POINT LEGEND

ABBREVIATION	FULL DESCRIPTION
AC	TOP ASPHALT CEMENT
AP	ANGLE POINT
BGN	BEGIN
CONC	CONCRETE
EDG	EDGE
GG	GEOGRID
MI AXIS	MINOR AXIS OF ELLIPSE
MA AXIS	MAJOR AXIS OF ELLIPSE
MTE	MATCH TO EXISTING
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
POC	POINT ON CURVE
RR	RIP RAP
RP	RADIUS POINT
SWCT	SAWCUT
TB	TOP OF BANK
TOSR	TOE SHOT ROCK
TPSR	TOP SHOT ROCK
TRR	TOP RIP RAP
TTMBR	TOP TIMBER DECKING
TB	TOP OF BANK



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907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126. DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

BRIDE PARK OVERALL PHASE I GRADING PLAN

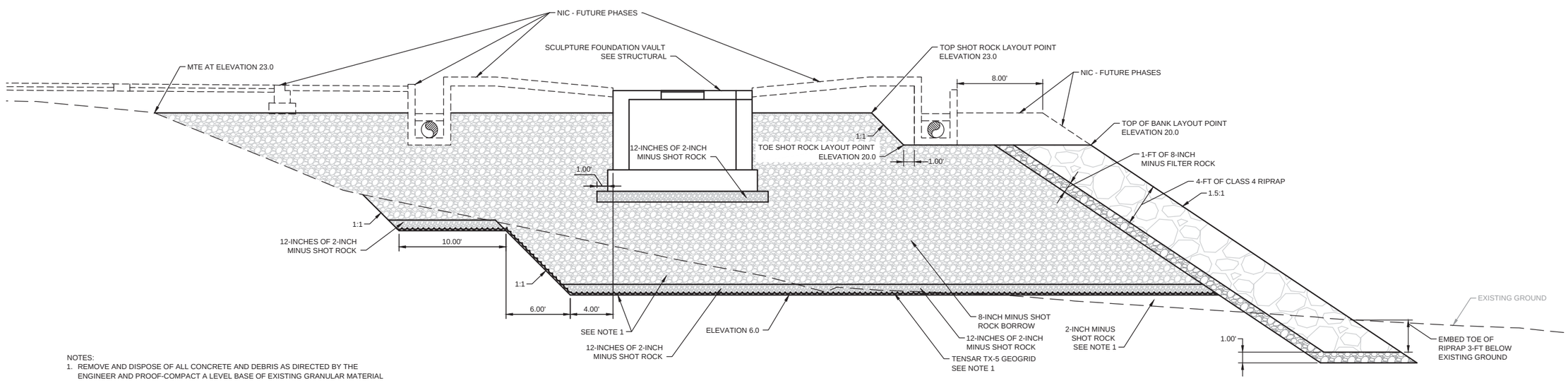
Project No.: 135-12554-15003
Designed By: ####
Drawn By: ####
Checked By: ####

C-106

Bar Measures 1 inch

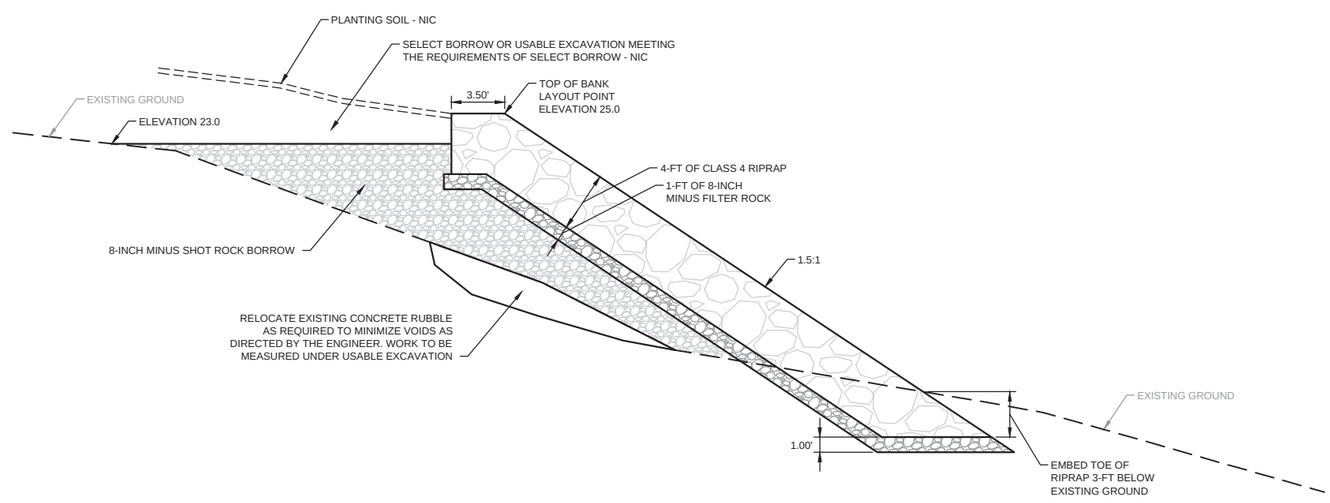
Copyright: Tetra Tech

11/22/2015 3:37:38 PM - C:\CIVIL 3D PROJECTS\22\70366-02\SHEETFILES\C-106-SITE SUBGRADE GRADING PLAN - BRIDGE PARK.DWG - LOCKHART, TOBIAS



NOTES:
1. REMOVE AND DISPOSE OF ALL CONCRETE AND DEBRIS AS DIRECTED BY THE ENGINEER AND PROOF-COMPACT A LEVEL BASE OF EXISTING GRANULAR MATERIAL AND/OR 2-INCH MINUS SHOT ROCK PRIOR TO PLACEMENT OF GEOGRID. INSTALL GEOGRID WITH 2-FT MINIMUM OVERLAPS.

1 / C-104 WHALE SCULPTURE SECTION
SCALE:



2 / C-104 RIPRAP SECTION
SCALE:

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STATE OF ALASKA 49th Nathan R. Hicks Licensed Professional Engineer No. CE9969 11-20-15 PROFESSIONAL ENGINEER

DOWL
WWW.DOWL.COM
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Juneau, Alaska 99801
907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126 DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

SITE CIVIL SECTIONS BRIDGE PARK

Project No.:	135-12554-15003
Designed By:	TAL
Drawn By:	TAL
Checked By:	NRH

C-131

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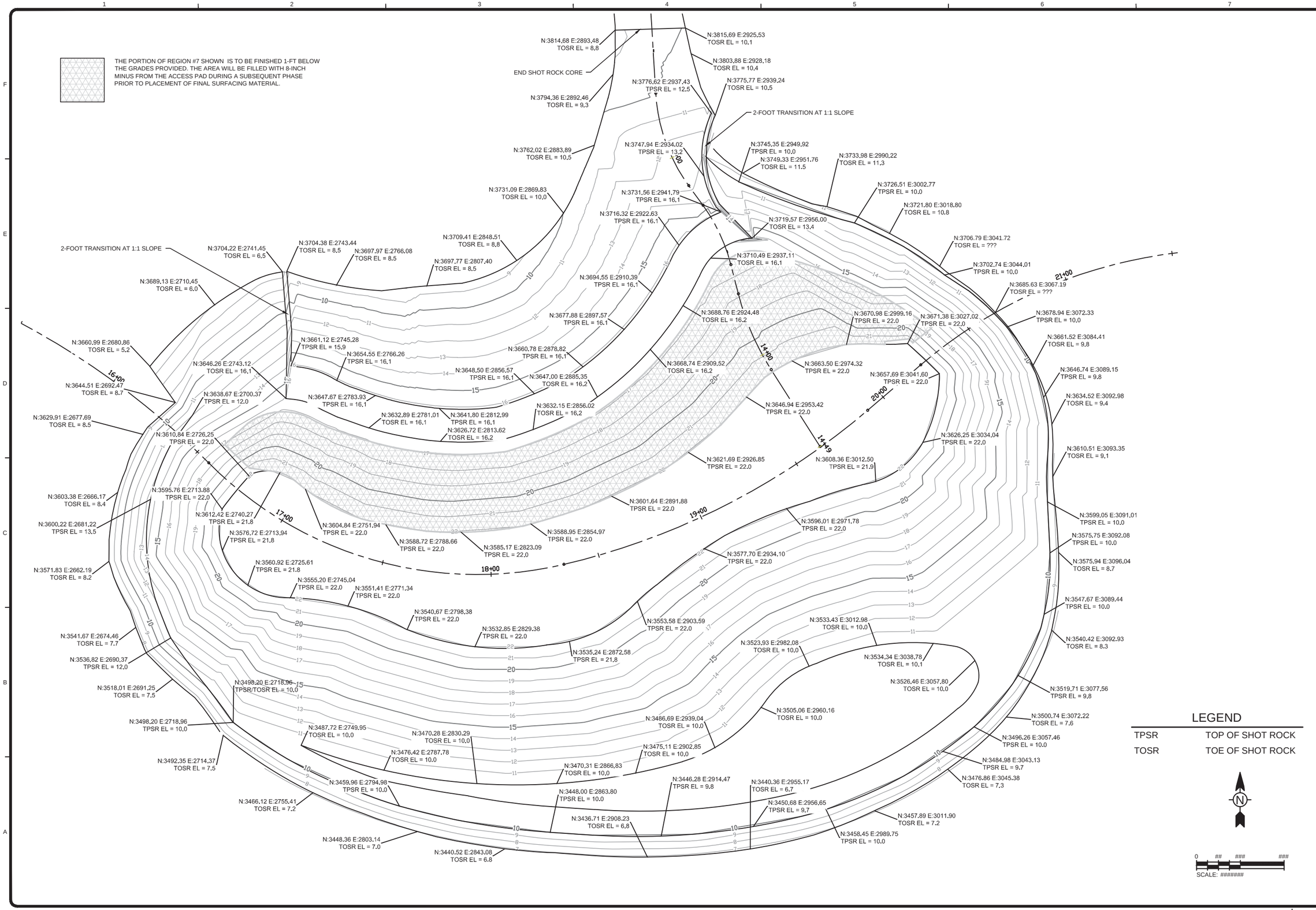
Bar Measures 1 inch

11/22/2015 3:59:43 PM - C:\CIVIL 3D PROJECTS\22\70366-02\SHEETFILES\C-131-SITE CIVIL SECTIONS AND DETAILS - BRIDGE PARK.DWG - LOCKHART, TOBIAS

THE PORTION OF REGION #7 SHOWN IS TO BE FINISHED 1-FT BELOW THE GRADES PROVIDED. THE AREA WILL BE FILLED WITH 8-INCH MINUS FROM THE ACCESS PAD DURING A SUBSEQUENT PHASE PRIOR TO PLACEMENT OF FINAL SURFACING MATERIAL.



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907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126. DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

HABITAT ISLAND CORE

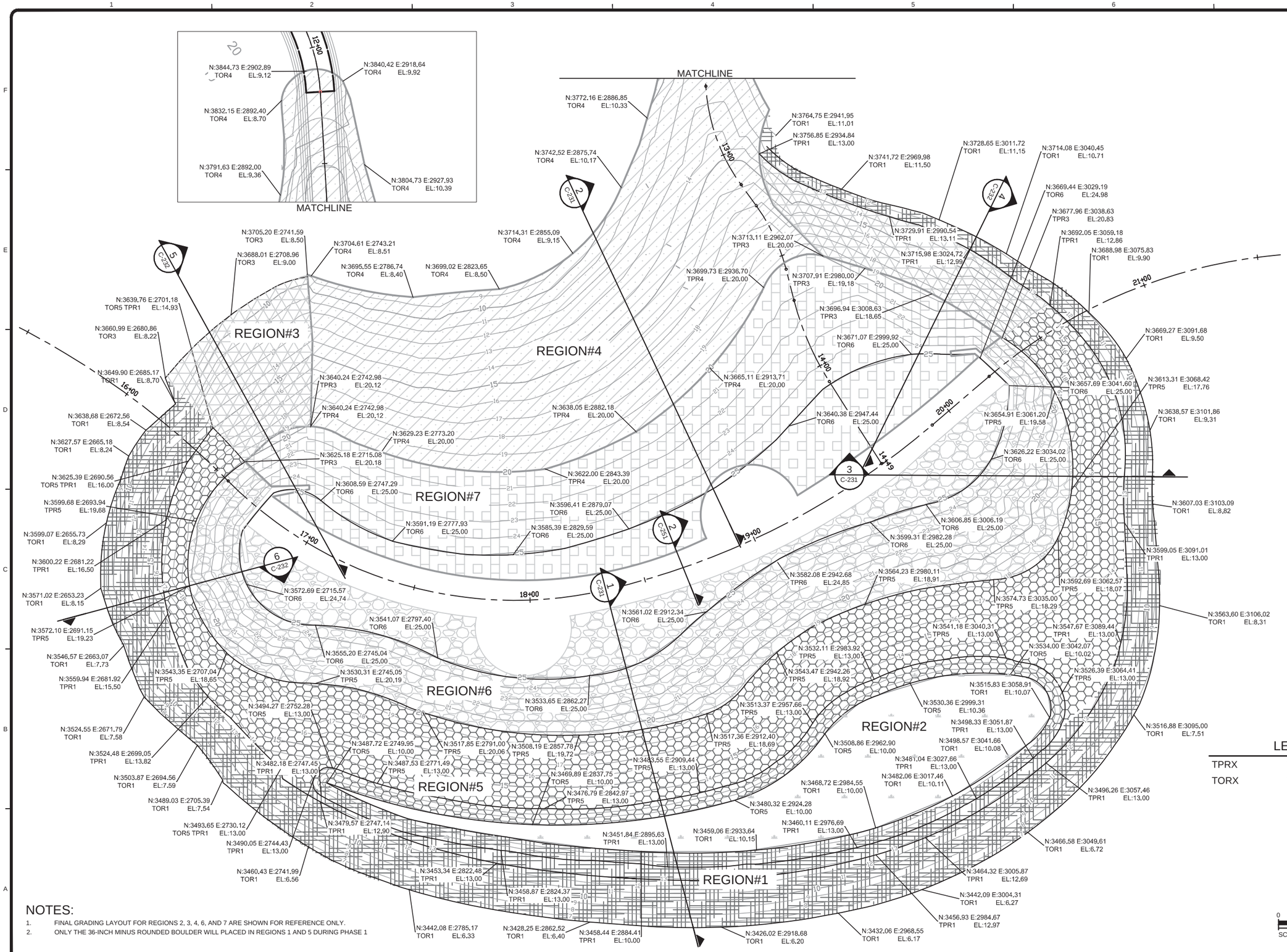
Project No.:	135-12554-15003
Designed By:	TAL
Drawn By:	RS
Checked By:	NRH

C-201

Copyright: Tetra Tech

Bar Measures 1 inch

11/21/2015 5:17:52 PM - C:\CIVIL 3D PROJECTS\22\70366-02\SHEETFILES\C-203-SITE LAYOUT-ISLAND CORE.DWG - LOCKHART, TOBIAS



LEGEND

TPRX	TOP OF REGION X
TORX	TOE OF REGION X

NOTES:

1. FINAL GRADING LAYOUT FOR REGIONS 2, 3, 4, 6, AND 7 ARE SHOWN FOR REFERENCE ONLY.
2. ONLY THE 36-INCH MINUS ROUNDED BOULDER WILL PLACED IN REGIONS 1 AND 5 DURING PHASE 1

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Matthew R. Tobias
No. CE9959
11-20-15
Professional Engineer

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Juneau, Alaska 99801
907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

HABITAT ISLAND FINAL SURFACE

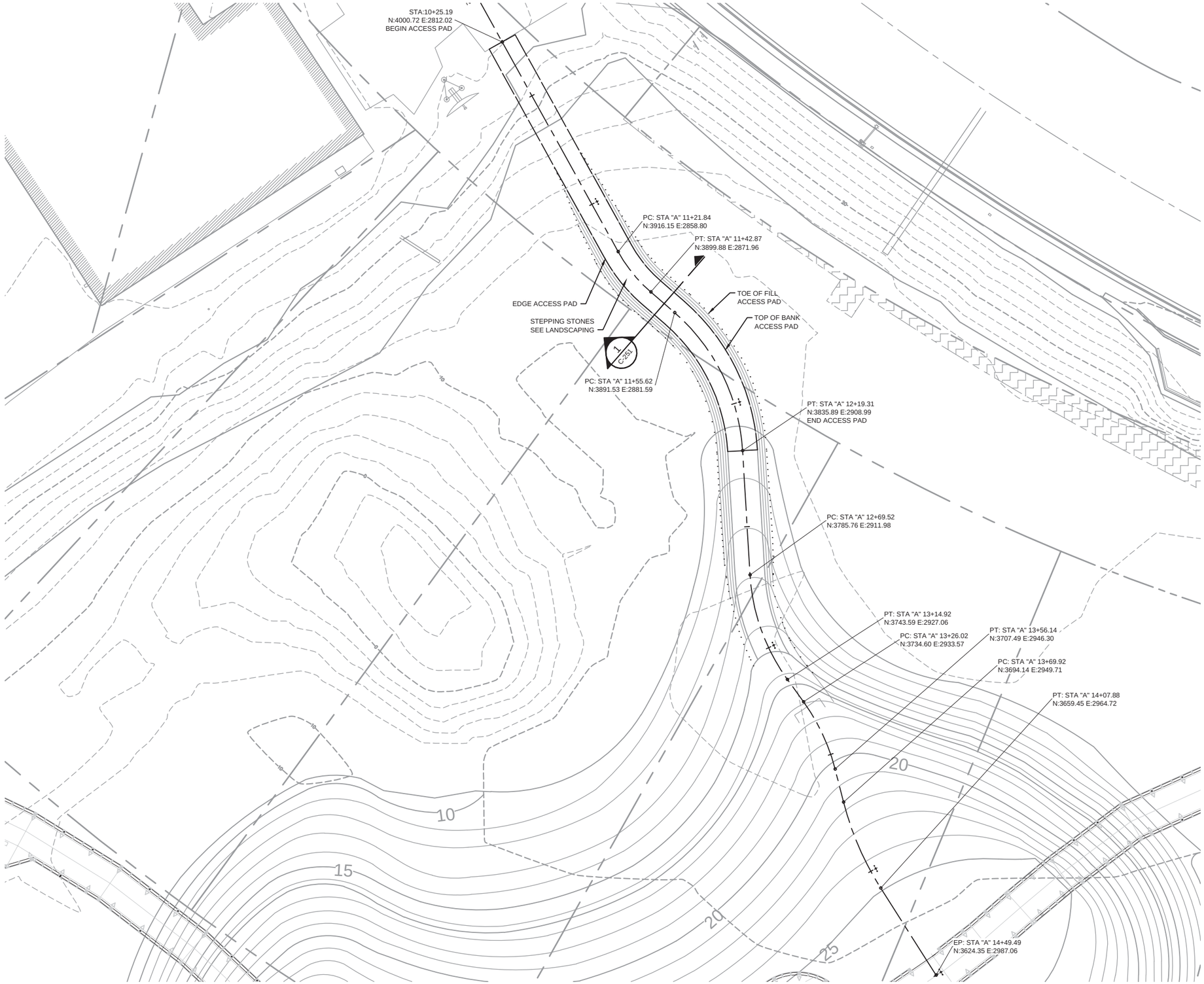
Project No.:	135-12554-15003
Designed By:	TAL
Drawn By:	RS
Checked By:	NRH

C-202

Copyright: Tetra Tech

Bar Measures 1 inch

11/22/2015 4:43:41 PM - C:\CIVIL 3D PROJECTS\2270366-02\SHEETFILES\C-204-SITE LAYOUT-ISLAND FINISH SFC.DWG - LOCKHART, TOBIAS



11/21/2015 6:01:42 PM - C:\CIVIL 3D PROJECTS\22\70366-02\SHEETFILES\C-206-SITE PLAN AND PROFILE - ACCESS PAD.DWG - LOCKHART, TOBIAS

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MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

SITE PLAN
COVE BEACH ACCESS

Project No.:	135-12554-15003
Designed By:	CS
Drawn By:	CS
Checked By:	NRH

C-204

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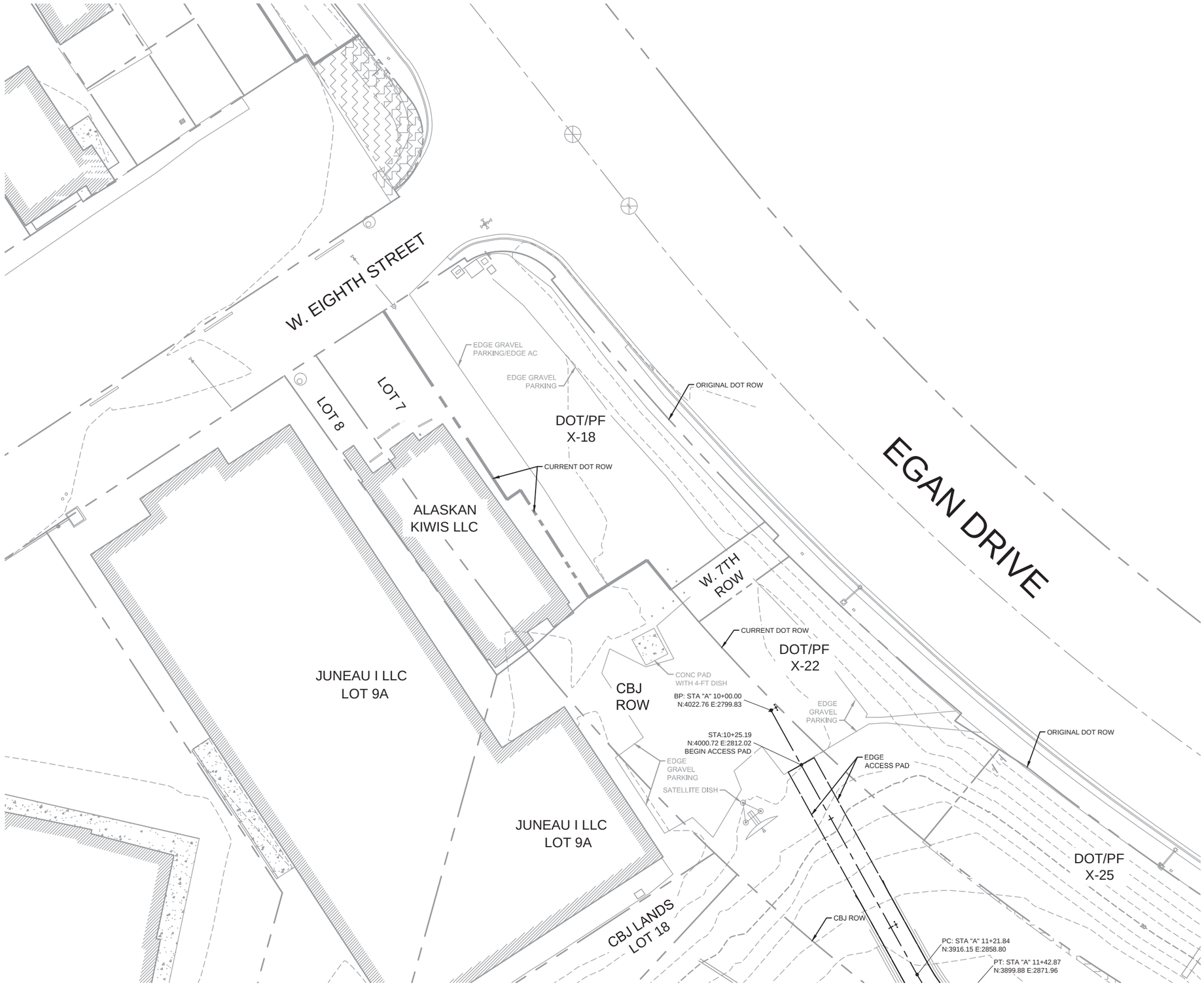
Bar Measures 1 inch



11/22/2015 4:13:37 PM - C:\CIVIL 3D PROJECTS\22\70366-02\SHEETFILES\C-207-SITE PLAN AND PROFILE - WEST NINTH ACCESS.DWG - LOCKHART, TOBIAS

Bar Measures 1 inch

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REGISTERED PROFESSIONAL ENGINEER

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907-780-3533

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126. DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

SITE PLAN WEST EIGHTH STREET ACCESS

PHASE 1 SITEWORK

Project No.:	135-12554-15003
Designed By:	CS
Drawn By:	CS
Checked By:	NRH

C-205

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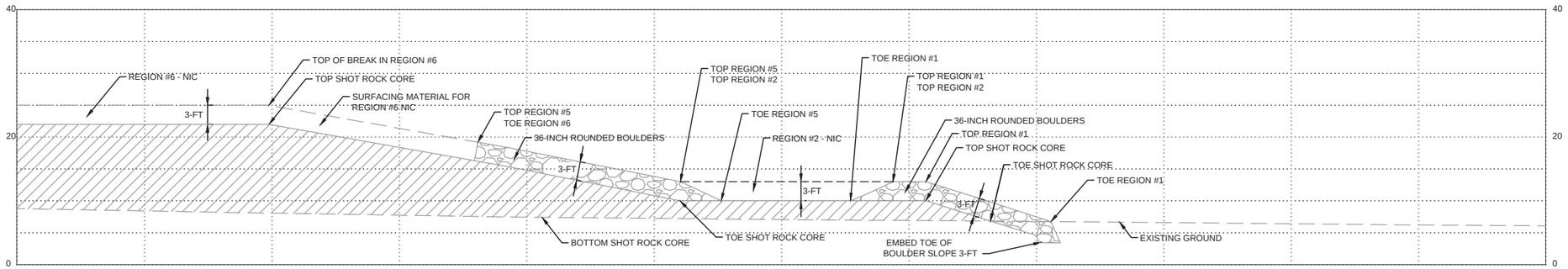
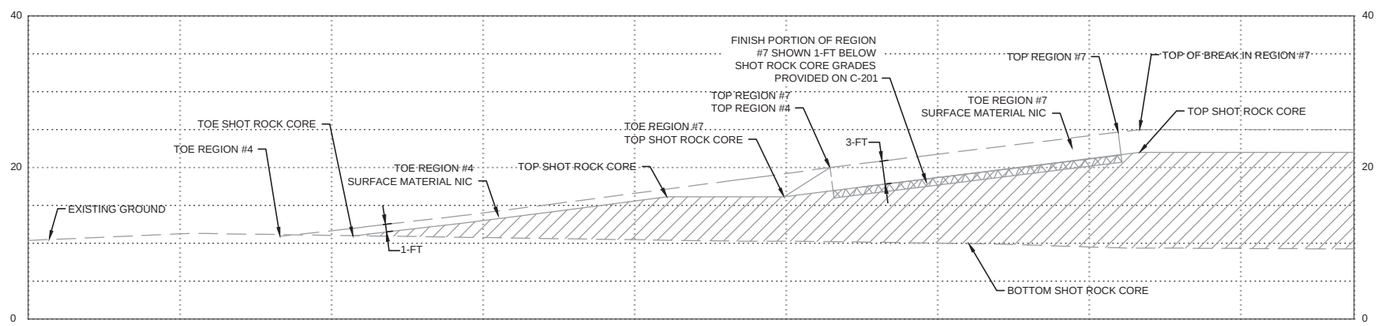


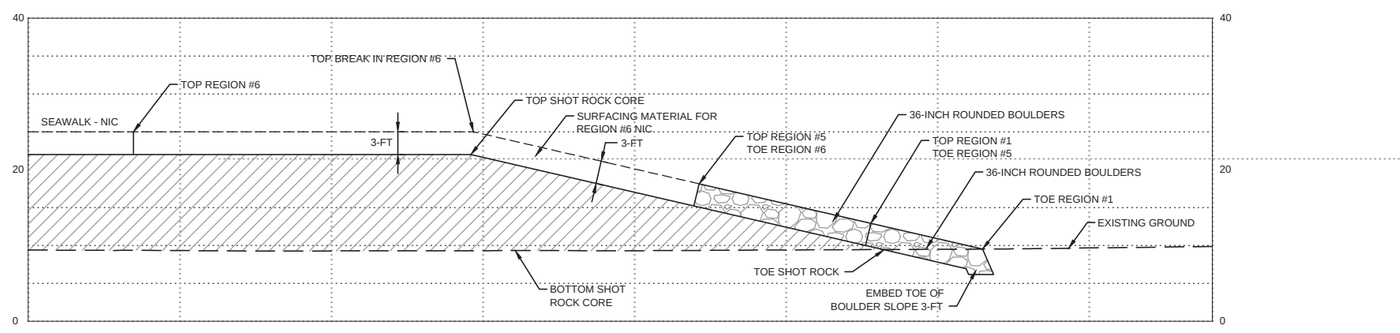
1 C-202 ISLAND SECTION

SCALE: 1"=10'



2 C-202 ISLAND SECTION

SCALE: 1"=10'



3 C-202 ISLAND SECTION

SCALE: 1"=10'

0 5' 10' 20'

SCALE: 1"=10'

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CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

SITE CIVIL SECTIONS SEAWALK

Project No.:	135-12554-15003
Designed By:	TAL
Drawn By:	CS
Checked By:	NRH

C-231

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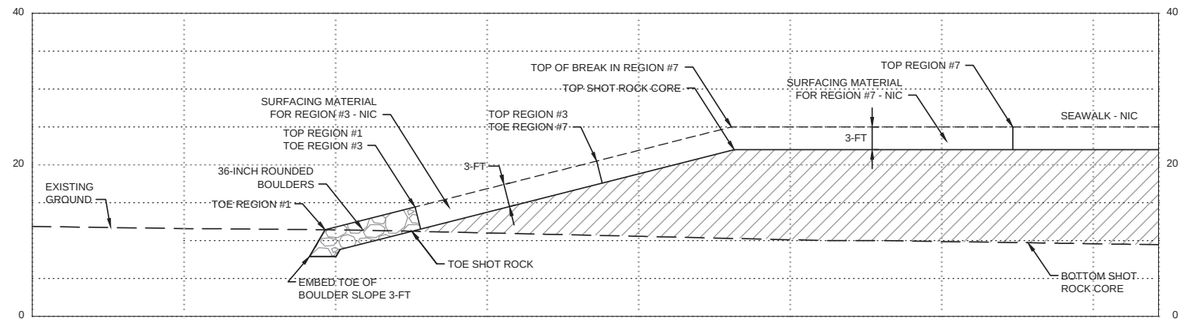
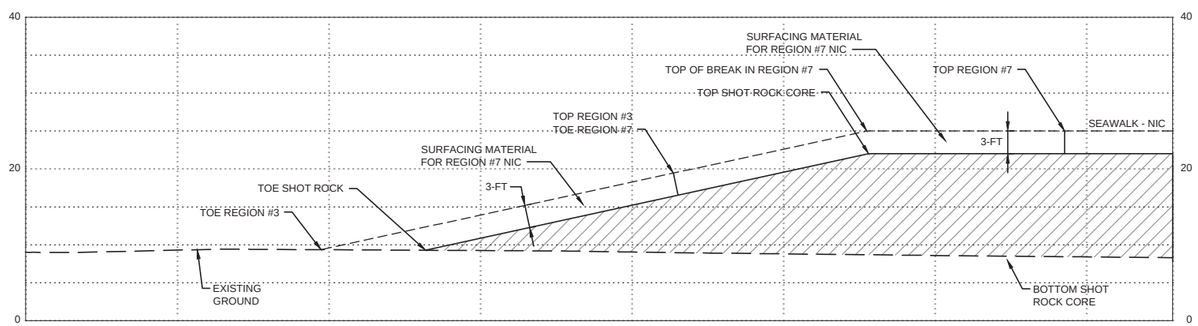
Bar Measures 1 inch

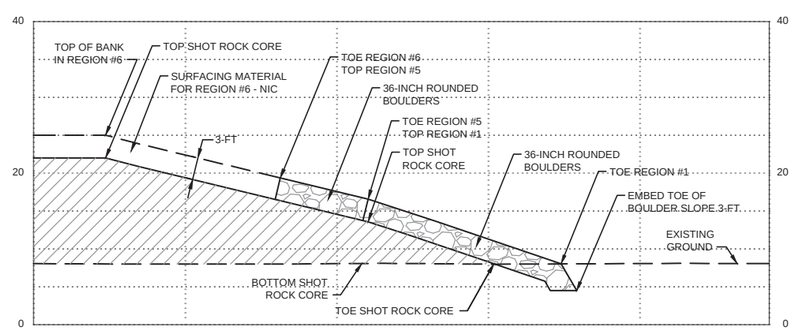
11/22/2015 3:57:20 PM - C:\CIVIL 3D PROJECTS\22170366-02\SHEETFILES\C-231-SITE CIVIL SECTIONS - SEAWALK.DWG - LOCKHART, TOBIAS



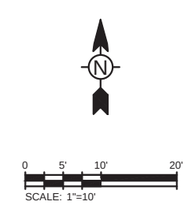
4 C-202 ISLAND SECTION
SCALE: 1"=10'



5 C-202 ISLAND SECTION
SCALE: 1"=10'



6 C-202 ISLAND SECTION
SCALE: 1"=10'



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Registered Professional Engineer

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MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

SITE CIVIL SECTIONS SEAWALK

Project No.:	135-12554-15003
Designed By:	####
Drawn By:	####
Checked By:	####

C-232

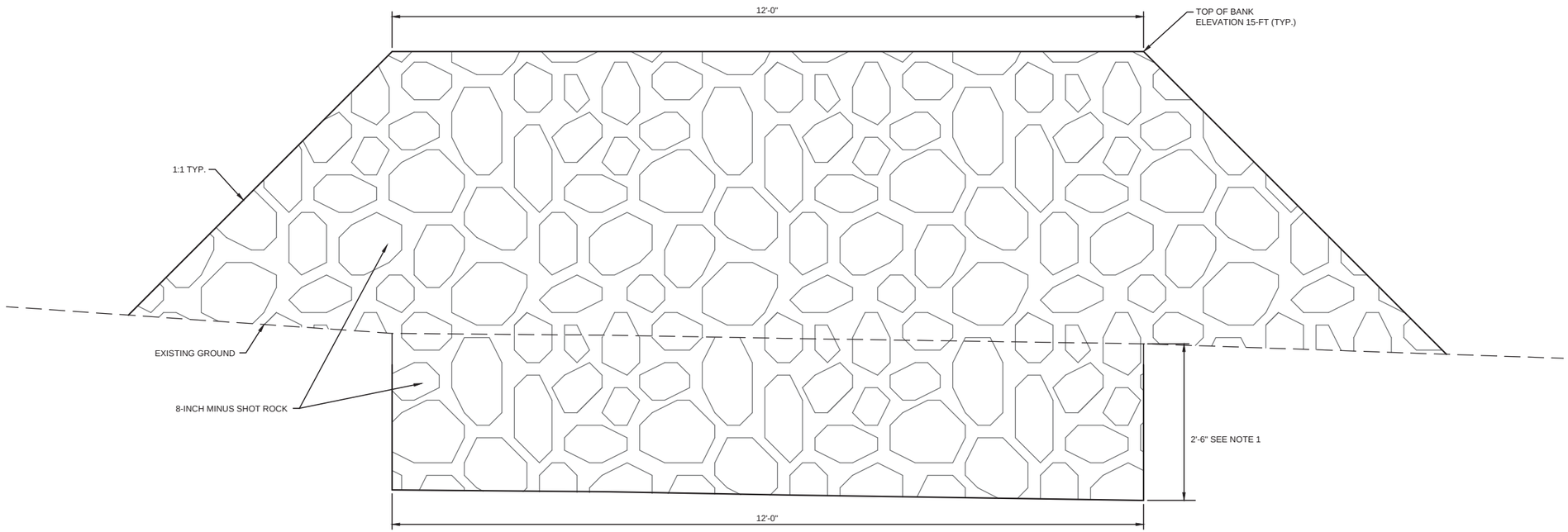
Copyright: Tetra Tech

Bar Measures 1 inch

11/22/2015 4:11:03 PM - C:\CIVIL 3D PROJECTS\22\70366-02\SHEETFILES\C-232-SITE CIVIL SECTIONS - SEAWALK.DWG - LOCKHART, TOBIAS

NOTES:

1. DEPTH OF SHOT ROCK BELOW EXISTING GROUND MAY BE INCREASED OR DECREASED AT THE DIRECTION OF THE ENGINEER AS NECESSARY TO SUPPORT CONSTRUCTION EQUIPMENT. TOP OF ACCESS PAD SHALL BE CONSTRUCTED AT ELEVATION 15-FT AND SHALL REMAIN IN PLACE FOR FUTURE PHASES.



1 / C-204 CONSTRUCTION ACCESS PAD
NTS

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www.tetratech.com
217 SECOND STREET, SUITE 207
JUNEAU, AK 99801
MAIN: (907) 586-6400 FAX: (907) 463-3677

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CITY AND BOROUGH OF JUNEAU
E16-126, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK
PHASE 1 SITEWORK

SITE CIVIL
SECTION DETAILS
SEAWALK

Project No.:	135-12554-15003
Designed By:	TAL
Drawn By:	TAL
Checked By:	NRH

C-251

Copyright: Tetra Tech

Bar Measures 1 inch

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