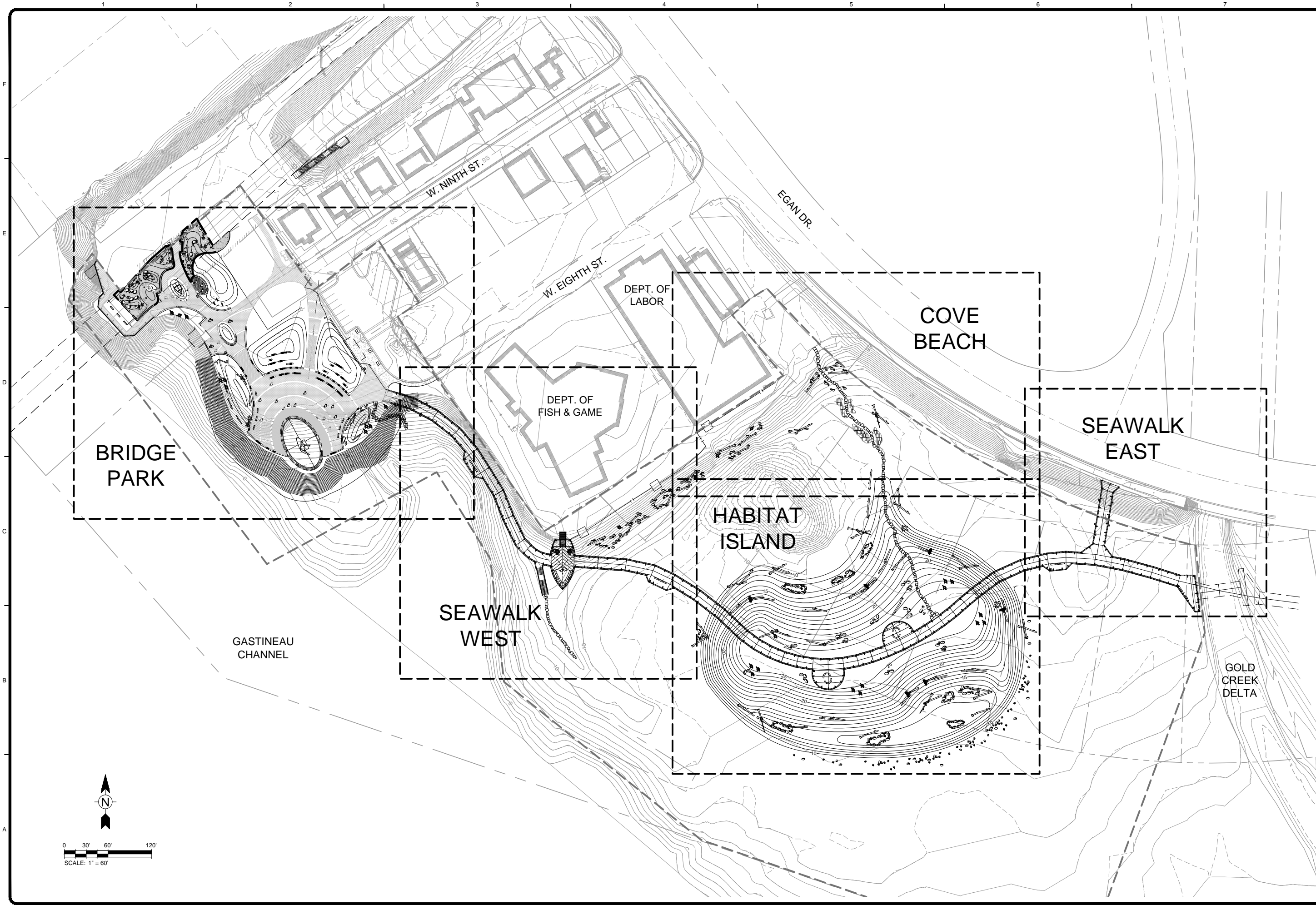



8/12/2015 5:11:40 PM - P:\JUNEAU DOWNTOWN SEAWALK\2015\CAD\SHEETS\JUNEAU L-000 OVERVIEW PLAN.DWG - CAROL OHLS



MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU E:16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK	
LANDSCAPE OVERVIEW PLAN	
Project No.:	135-12554-15002
Designed By:	MP
Drawn By:	DS
Checked By:	JB



j.a. brennan
associates LLC
Landscape Architects & Planners
100 South King Street, Suite 200
Seattle, WA 98104
T 206.583.0620 F 206.583.0623



8/12/2015



TETRA TECH

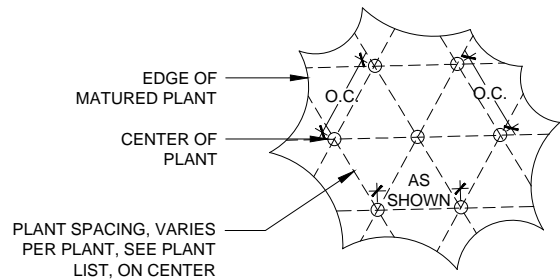
www.tetratech.com
217 SECOND STREET, SUITE 207
JUNEAU, AK 99801
MAIN: (907) 586-6400 FAX: (907) 463-3677

L-000

Bar Measures 1 inch

Copyright: Tetra Tech

8/12/2015 5:23:56 PM - P:\JUNEAU DOWNTOWN SEAWALK\2015\CAD\SHEETS\JUNEAU L-001.002 PLANTING DETAILS - WHOLE SITE.DWG - CAROL OHLEFS

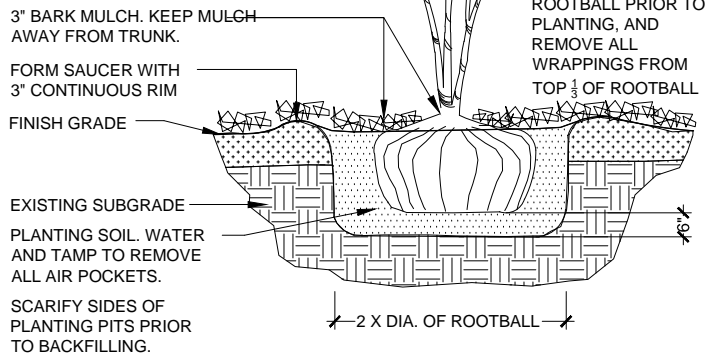


A CONTAINER PLANT IN ROCK SUBSTRATE

SCALE: NTS

NOTE:

- PROVIDE MIN. 3' CIRCLE OF BARK MULCH AROUND EACH PLANT.
- PLANT SO TOP OF ROOT BALL IS EVEN WITH TOP OF FINISHED GRADE.
- LOOSEN ROOTBALL, STRAIGHTEN OR PRUNE ENCIRCLING ROOTS ON ALL CONTAINER PLANTS

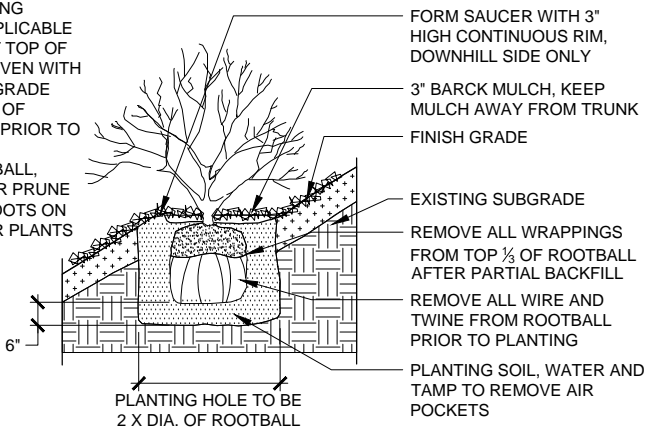


B GROUNDCOVER AND SHRUB PLANTING DETAIL

SCALE: NTS

NOTES:

- STAKE TREES AS SHOWN IN TREE PLANTING DETAILS AS APPLICABLE
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
- SCARIFY SIDES OF PLANTING PITS PRIOR TO BACKFILLING
- LOOSEN ROOTBALL, STRAIGHTEN OR PRUNE ENCIRCLING ROOTS ON ALL CONTAINER PLANTS

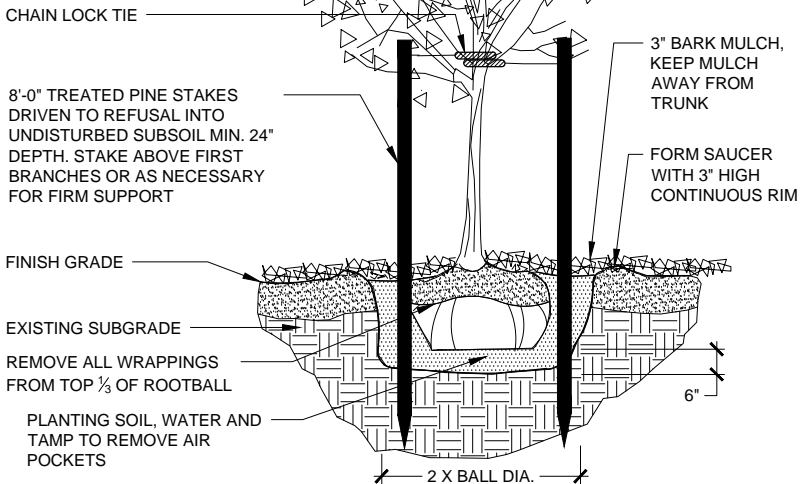


C SHRUB/ TREE ON SLOPE PLANTING DETAIL

SCALE: NTS

NOTES:

- STAKE TREES OVER 5' HEIGHT
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
- SCARIFY SIDES OF PLANTING PITS PRIOR TO BACKFILLING
- FLAG GUYING WIRES WITH SURVEYOR TAPE

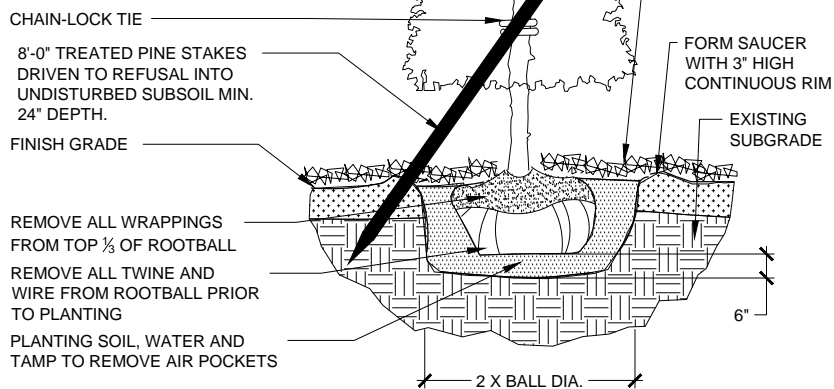


D DECIDUOUS TREE PLANTING DETAIL

SCALE: NTS

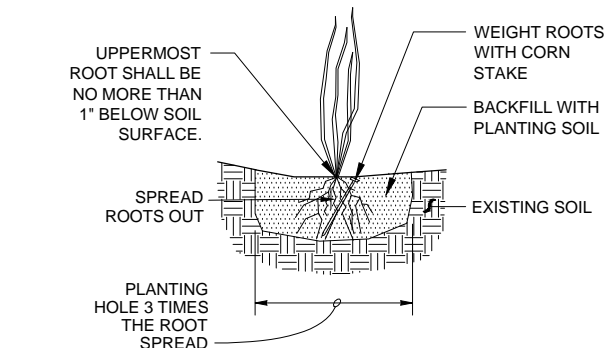
NOTES:

- STAKE TREES OVER 5' HEIGHT
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
- SCARIFY SIDES OF PLANTING PITS PRIOR TO BACKFILLING
- FLAG GUYING WIRES WITH SURVEYOR TAPE
- LOOSEN ROOTBALL, STRAIGHTEN OR PRUNE ENCIRCLING ROOTS ON ALL CONTAINER PLANTS



E CONIFER TREE PLANTING DETAIL

SCALE: NTS



F EMERGENT PLANTING DETAIL

SCALE: NTS

MARK	DATE	DESCRIPTION	BY

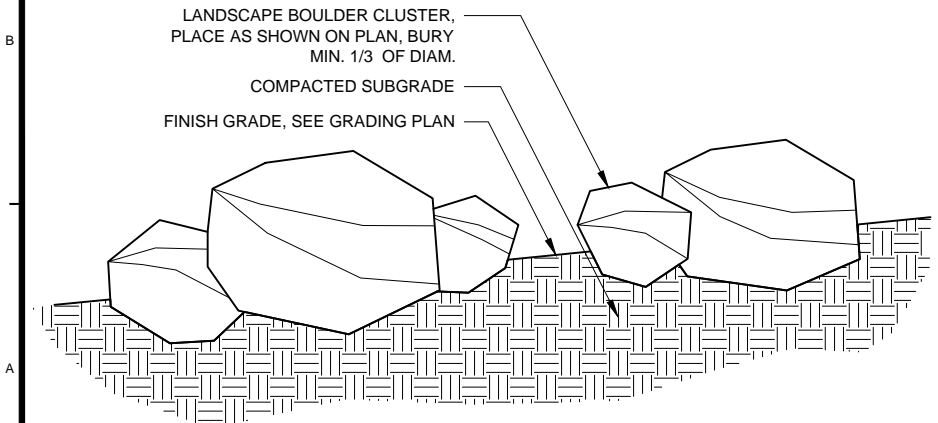
CITY AND BOROUGH OF JUNEAU
E:16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

LANDSCAPE PLANTING DETAILS

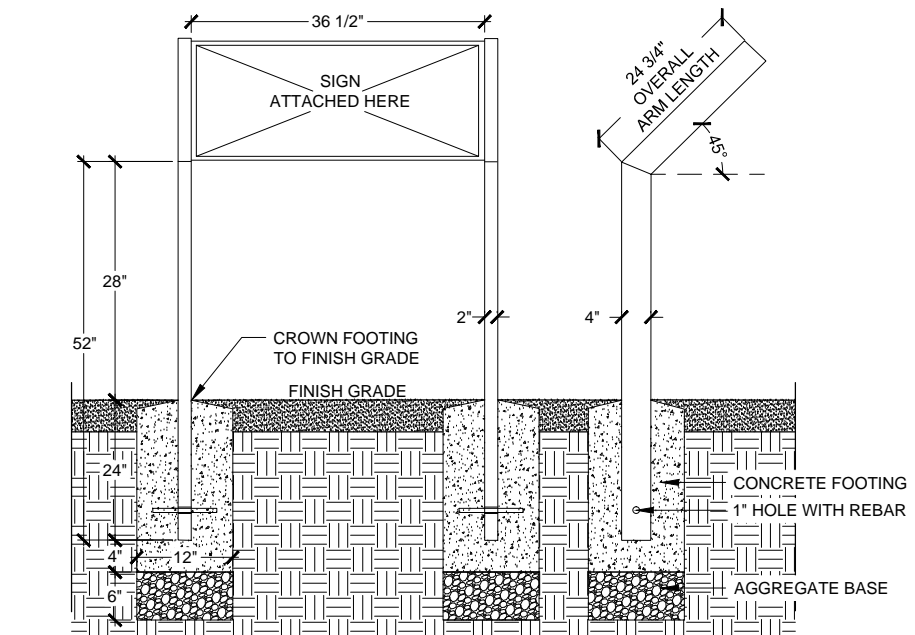
Project No.: 135-12554-15002
Designed By: MP
Drawn By: DS
Checked By: JB

L-001

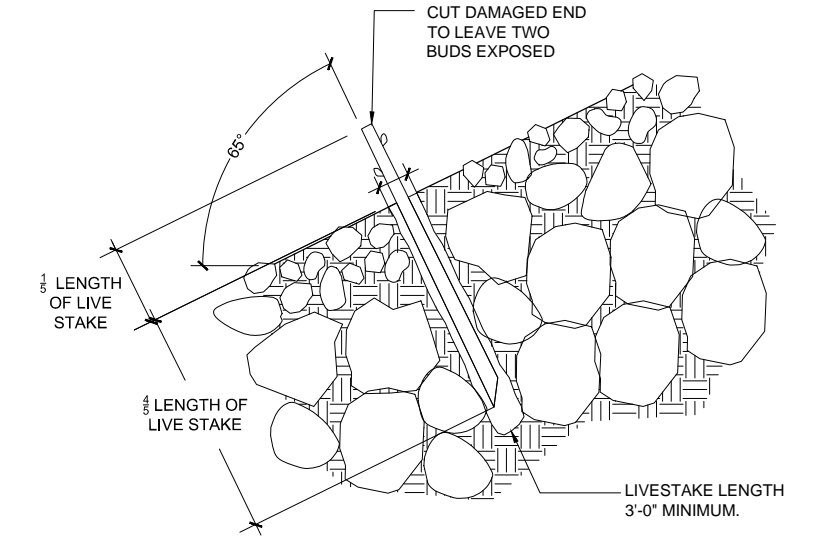
8/12/2015 5:27:59 PM - P:\JUNEAU DOWNTOWN SEAWALK\2015\CAD\SHEETS\JUNEAU L-001.002 PLANTING DETAILS - WHOLE SITE.DWG - CAROL OHLEFS



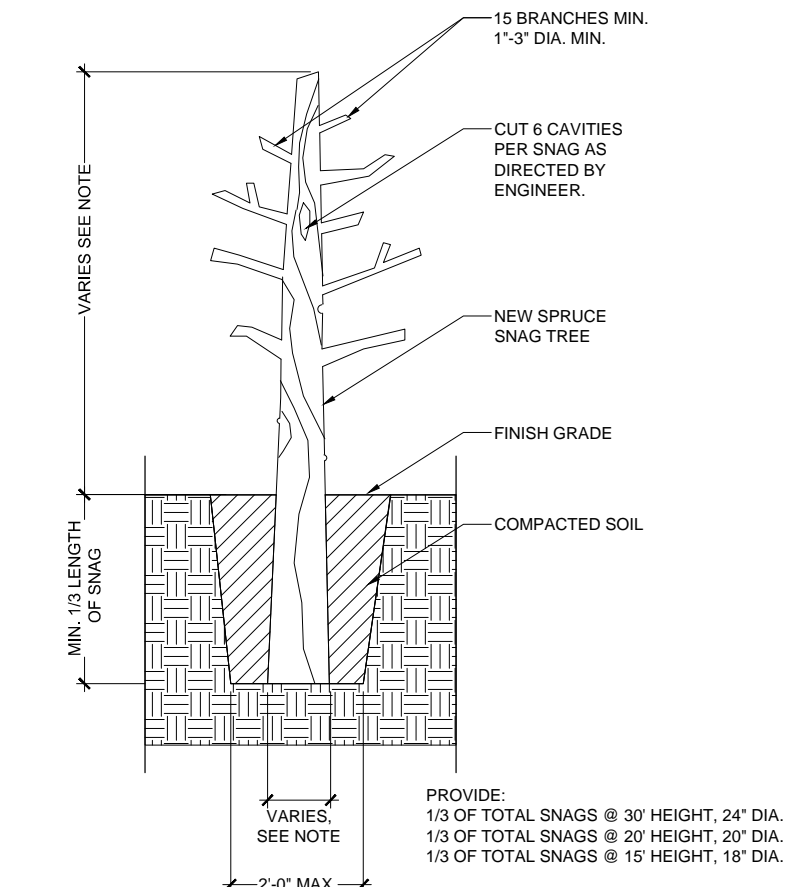
A LANDSCAPE BOULDERS
SCALE: NTS



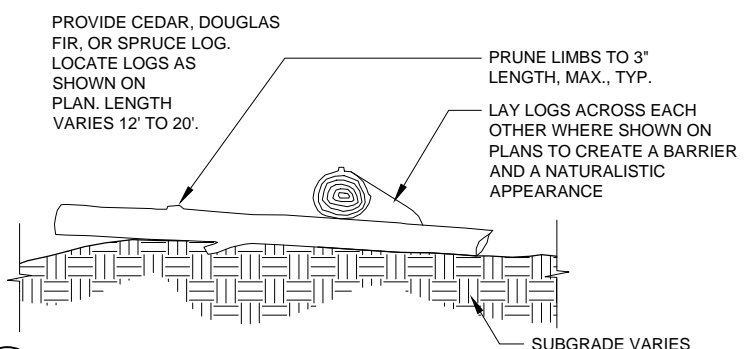
B INTERPRETIVE SIGN
SCALE: 1/2" = 1'-0"



C LIVE STAKE IN ROCK SUBSTRATE
SCALE: NTS



D HABITAT SNAG
SCALE: NTS



E HABITAT LOGS
SCALE: NTS

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



j.a. brennan
associates LLC
Landscape Architects & Planners
100 South King Street, Suite 200
Seattle, WA 98104
L 206.583.0620 F 206.583.0623

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E:\16-011_DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

LANDSCAPE PLANTING DETAILS

Project No.:	135-12554-15002
Designed By:	MP
Drawn By:	DS
Checked By:	JB

L-002

A

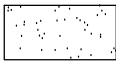
LOWER LOW MARSH MIX (~EL. 11-15)							
QTY	%	SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
1002	10%	GM	GLAUX MARITIMA	SEA MILKWORT	10" MIN CROWN	PLUG	18" O.C.
1002	10%	PM	PLANTAGO MARITIMA	GOOSE TONGUE	10" MIN. CROWN	PLUG	18" O.C.
7013	70%	PNA	PUCHELLIA NUTKAENSIS	ALASKA ALKALI GRASS	10" MIN. CROWN	PLUG	18" O.C.
1002	10%	TM	TRIGLOCHIN MARITIMUM	SEA ARROW-GRASS	10" MIN. CROWN	PLUG	18" O.C.

BULBS						
QTY	VEG. ZONE	SYMBOL	SCIENTIFIC NAME	COMMON NAME	CONDITION	SPACING
50	PARK	AG	ALLIUM® GLOBEMASTER®	GLOBEMASTER GIANT ALLIUM	BULB	12" O.C.
75	PARK	CT	CROCUS TOMMASINIANUS	CROCUS	BULB	6" O.C.
75	PARK	GE	GALANTHUS ELWESII	SNOWDROP	BULB	6" O.C.
40	PARK	LB	LILIUM "BLACKOUT"	BLACKOUT ASIATIC LILY	BULB	12" O.C.
50	PARK	D	THE DAFFODIL 100 MIX	DAFFODIL MIX	BULB	12" O.C.
50	PARK	T	BIG UPS TULIP MIX	DARWIN HYBRID TULIP MIX	BULB	12" O.C.

[illegible]

8/12/2015 5:13:06 PM - P:\JUNEAU DOWNTOWN SEAWALK\2015\CAD\SHEETS\JUNEAU L-003 PLANTING SCHEDULE.DWG - CAROL OHLS

F
E
D
C
B
A



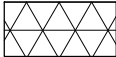
LAWN GRASS SEED MIX		
% BY WEIGHT	SCIENTIFIC NAME	COMMON NAME
30%	FESTUCA RUBRA 'ARCTARED'	RED FESCUE
30%	LOLIUM PERENNE	PERENNIAL RYEGRASS
30%	POA PRATENSIS 'NUGGET'	KENTUCKY BLUEGRASS
10%	LOLIUM MULTIFLORUM	ANNUAL RYEGRASS

APPLY AT A RATE OF 1 LBS /1000 SQ. FT (OR ACRE)



LOWER LOW MARSH SEED MIX (~EL. 11-15)		
QTY	SCIENTIFIC NAME	COMMON NAME
100%	PUCCINELLIA NUTKAENSIS	NOOKKA ALKALI GRASS

APPLY AT A RATE OF 1 LBS /1000 SQ. FT (OR ACRE)



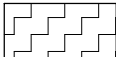
LOW MARSH SEED MIX (~EL. 15-16)		
QTY	SCIENTIFIC NAME	COMMON NAME
100%	CAREX LYNGBYEI	LYNBYE'S SEDGE

APPLY AT A RATE OF 1 LBS /1000 SQ. FT (OR ACRE)



HIGH MARSH SEED MIX (~EL. 16-20)		
QTY	SCIENTIFIC NAME	COMMON NAME
5%	ATRIPLEX PATULA	SPEARSCALE ORACHE
5%	CAREX LYNGBYEI	LYNBYE'S SEDGE
30%	DESCHAMPSIA BERINGENSIS 'NORCOAST'	NORCOAST BERING HAIRGRASS
30%	FESTUCA RUBRA 'ARCTARED'	ARCTARED RED FESCUE
5%	HIEROCHLOE ODERATA	COMMON SWEETGRASS
10%	HONCKENYA PELOIDES	SEABEACH SANDWORT
5%	HORDEUM BRACHYANTHERUM	MEADOW BARLEY
10%	LOLIUM MULTIFLORUM	ANNUAL RYEGRASS

APPLY AT A RATE OF 1 LBS /1000 SQ. FT (OR ACRE)



RIPARIAN SEED MIX (~EL. 20+)		
QTY	SCIENTIFIC NAME	COMMON NAME
10%	ACHILLEA BOREALIS	YARROW
30%	DESCHAMPSIA BERINGENSIS 'NORCOAST'	NORCOAST BERING HAIRGRASS
30%	FESTUCA RUBRA 'ARCTARED'	ARCTARED RED FESCUE
10%	FESTUCA RUBRA 'BOREAL'	BOREAL RED FESCUE
10%	EPILOBIUM ANGUSTIFOLIUM	FIREWEED
10%	LOLIUM MULTIFLORUM	ANNUAL RYEGRASS

APPLY AT A RATE OF 1 LBS /1000 SQ. FT (OR ACRE)

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU E:16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK	LANDSCAPE PLANTING PLAN BEACH	
	Project No.:	135-12554-15002
Designed By:		MP
Drawn By:		DS
Checked By:		JB

L-004

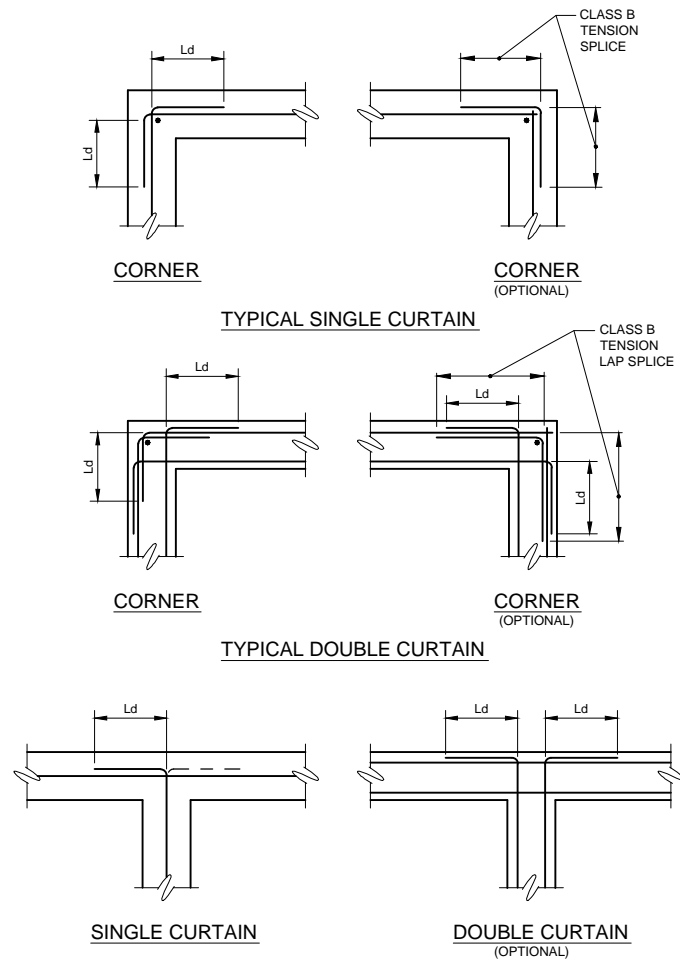
Bar Measures 1 inch



TETRA TECH

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

Copyright: Tetra Tech



TYPICAL INTERSECTION

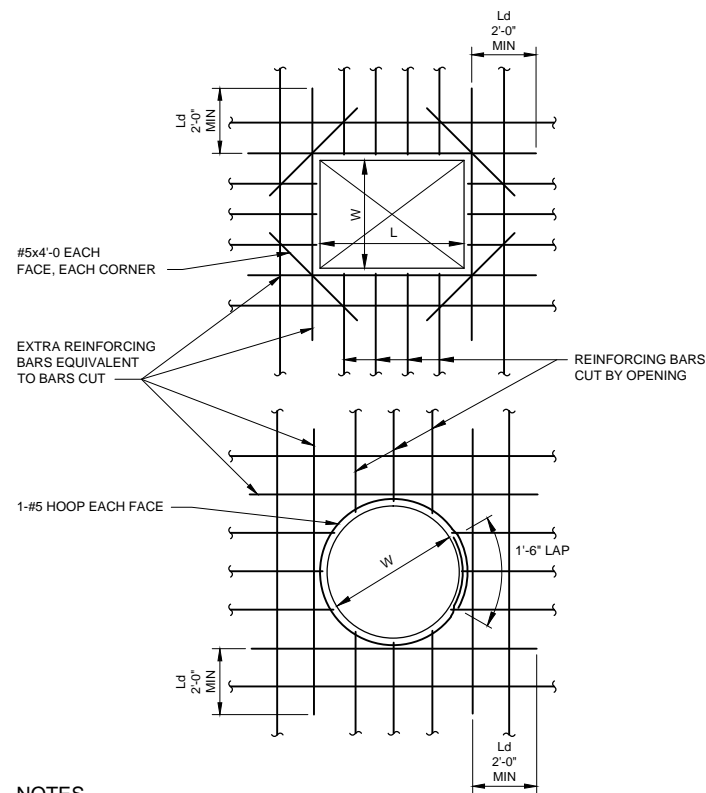


TENSION DEVELOPMENT AND SPLICE LENGTHS							
BAR SIZE	Ld		CLASS B TENSION LAP		STD 90° HOOK		
	TOP BARS (NOTE 2)	OTHER BARS	TOP BARS (NOTE 2)	OTHER BARS	Ldh	HOOK LENGTH	BEND DIA
#3	17	13	22	17	7	5	3
#4	23	17	29	23	9	6	3
#5	28	22	36	28	11	8	4
#6	34	26	44	34	13	9	5
#7	49	38	63	49	15	11	6
#8	56	43	72	56	17	12	6
#9	63	48	81	63	20	14	10
#10	71	54	92	71	22	16	11
#11	78	60	102	78	24	17	12

NOTES

1. FOR GRADE 60 UNCOATED BARS AND NORMAL WEIGHT CONCRETE,
 $f'c = 5000$ PSI.
2. "TOP BARS" ARE HORIZONTAL REINFORCING BARS WHERE 12" OF FRESH CONCRETE IS CAST
 BELOW THE DEVELOPMENT LENGTH OR SPLICE.

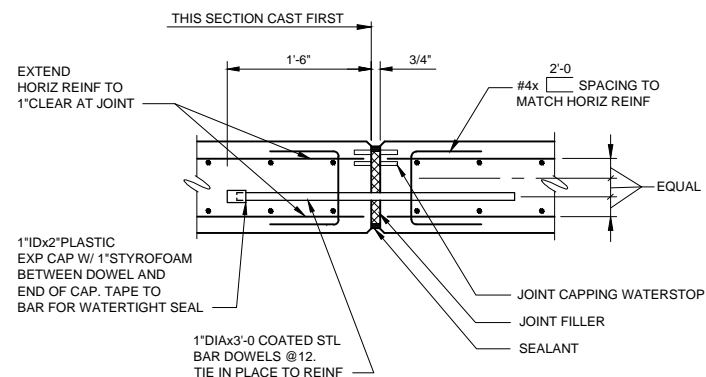
REINFORCING DEVELOPMENT AND LAP SPLICE LENGTHS



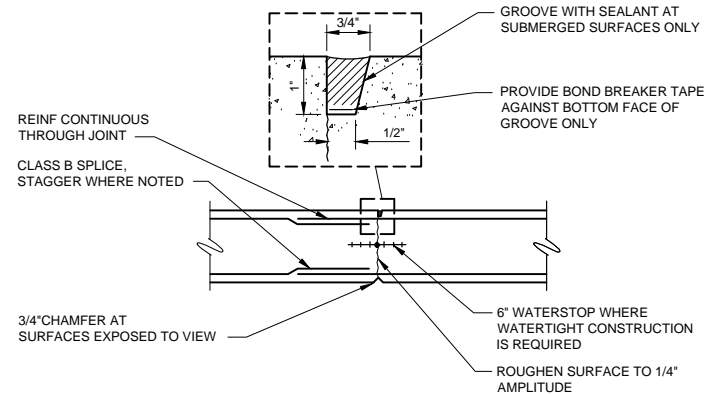
NOTES

1. REINFORCEMENT IN OTHER DIRECTION SHALL BE TREATED IN A SIMILAR MANNER.
2. "W" AND "L" = DIMENSION OF OPENING. FOR CIRCULAR OPENINGS, "W"= DIAMETER.
3. ALL OPENINGS IN WALLS AND SLABS LARGER THAN OR EQUAL TO 10" IN ANY ONE DIRECTION SHALL CONFORM TO DETAILS.
4. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SLAB AND WALL OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS.
5. SUPPLEMENTARY BARS MAY BE OMITTED WHERE OPENING IS FRAMED BY BEAMS.
6. OPENING DETAILS SHOWN ARE TYPICAL UNLESS NOTED OTHERWISE.
7. THE NUMBER OF ADDITIONAL BARS AT EACH SIDE OF THE OPENING EQUALS HALF THE NUMBER OF TYPICAL REINFORCING BARS THAT ARE INTERRUPTED BY THE OPENING.

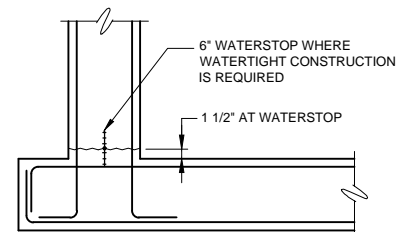
REINFORCING AT WALL AND SLAB OPENINGS



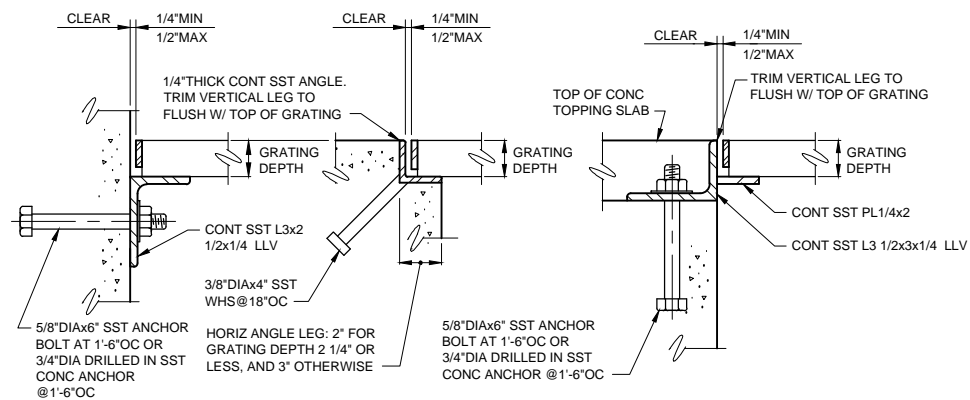
EXPANSION JOINT



TYPICAL CONSTRUCTION JOINT AT VERTICAL WALL OR STRUCTURAL SLAB HYDRAULIC STRUCTURES



WALL BASE CONSTRUCTION JOINT



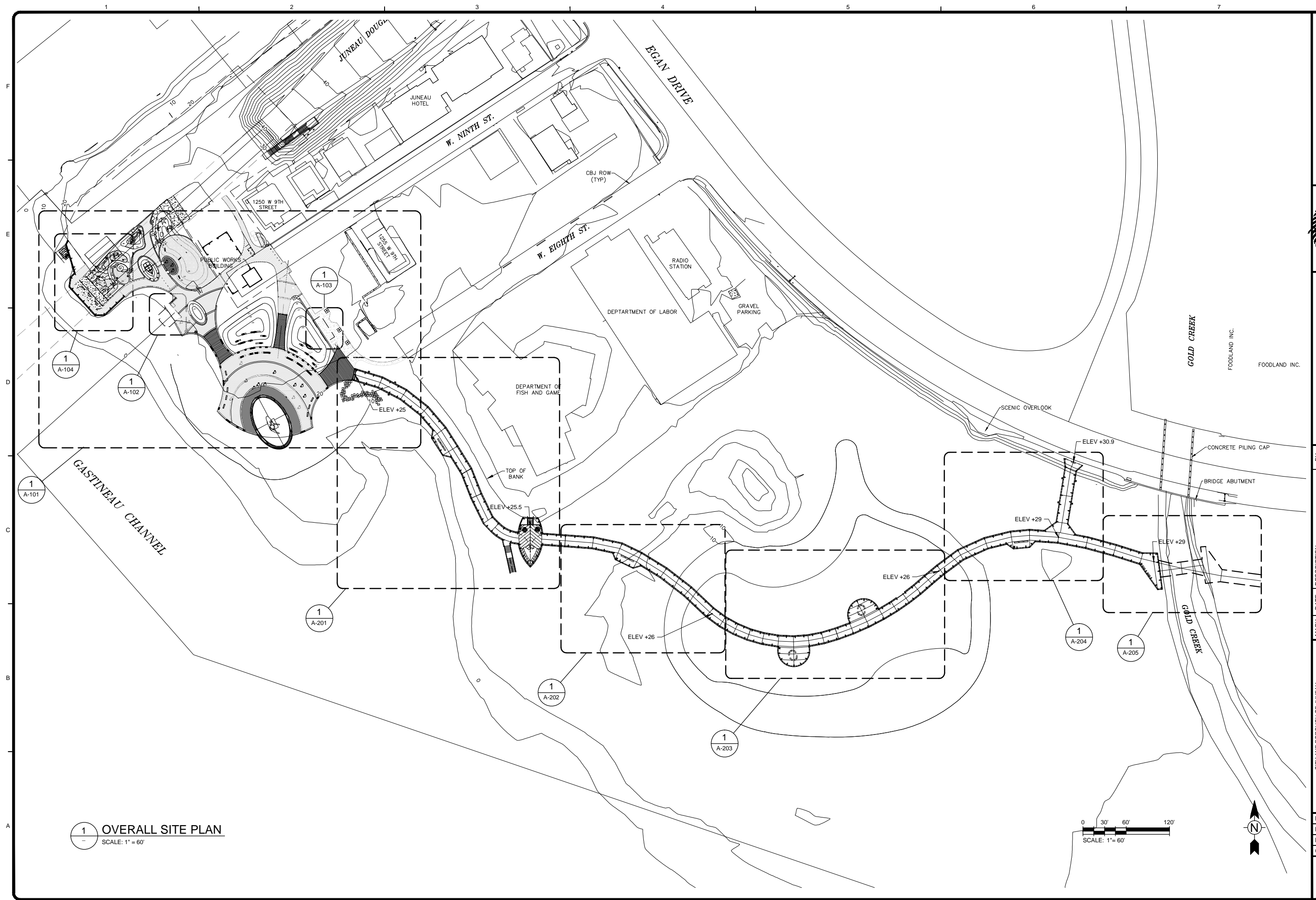
TYPE 1

TYPE 2

TYPE 3

GRATING SUPPORT

[illegible]



1 OVERALL SITE PLAN
- SCALE: 1" = 60'

0 30' 60' 120'

SCALE: 1" = 60'



TETRA TECH



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

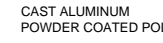
[illegible]CITY AND BOROUGH OF JUNEAU
E16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

ARCHITECTURAL OVERVIEW SITE PLAN

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

A-000

Bar Measures 1 inch



SCALE: 3"=1'-0"


$$3^m - 1^1 \cdot ($$


SCALE: 3"=1'-



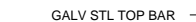
SCALE: 3"=1'-



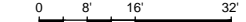
5 TYPE 1 C
SCALE: 3/4"=1'-0"



6 TYPE 2
A-111 SCALE: 3/4"=1'-0"



7
-
TYPE 4 (C)
SCALE: 3/4"=1'-0"



✓							
---	--	--	--	--	--	--	--

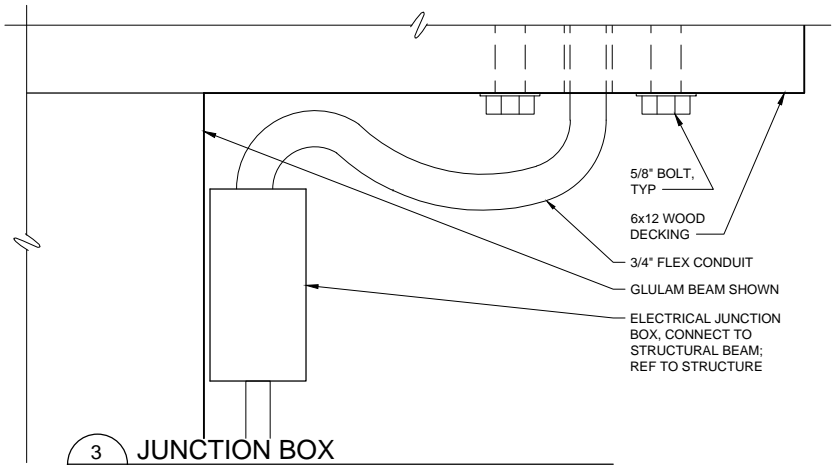
EK

Project No.: 135-12554-15003

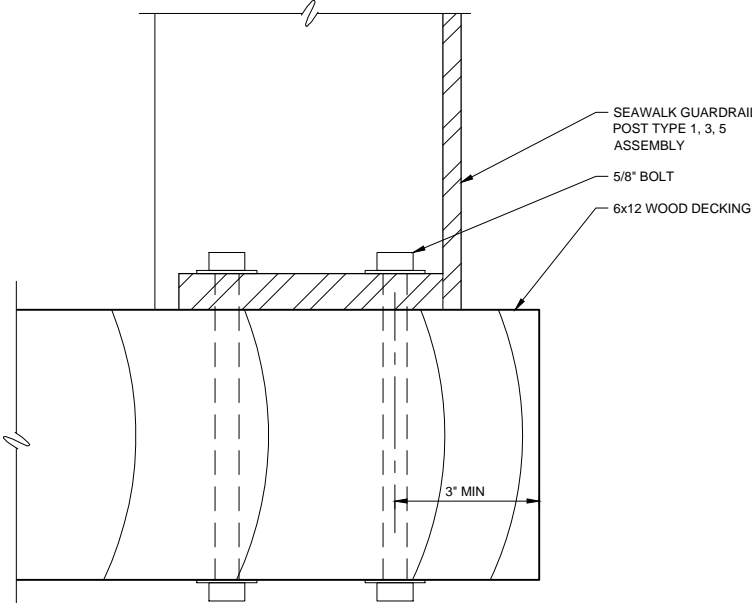
A 331

8/19/2015 1:53:51 PM - \\WRS318FS1\PROJECTS\12554\135-12554-15003\CAD\SHETFILES\A-003-RAILING DETAILS.DWG - WRIGHT, EKATERINA

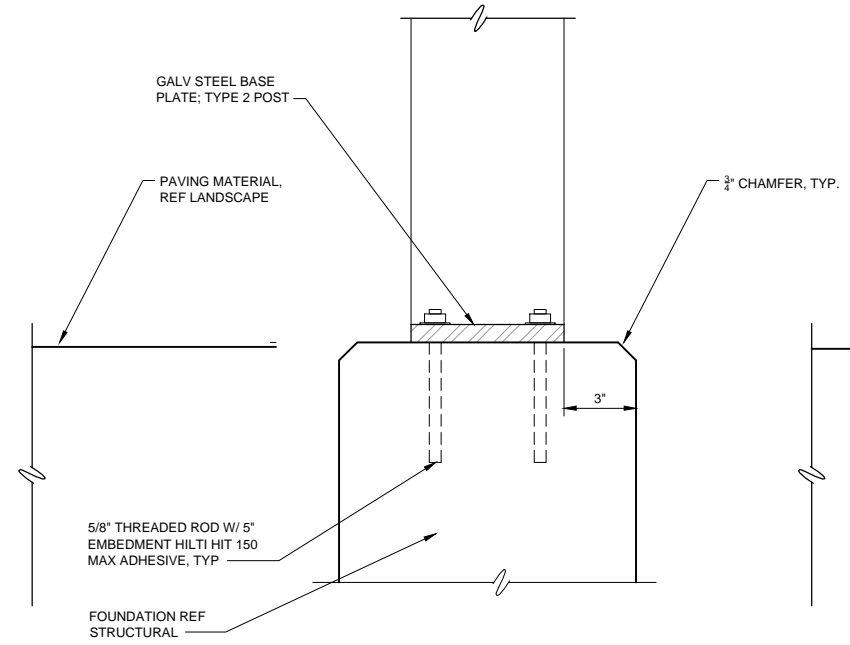
NOTE: DETAILS 1 AND 2 NOT USED, RESERVED



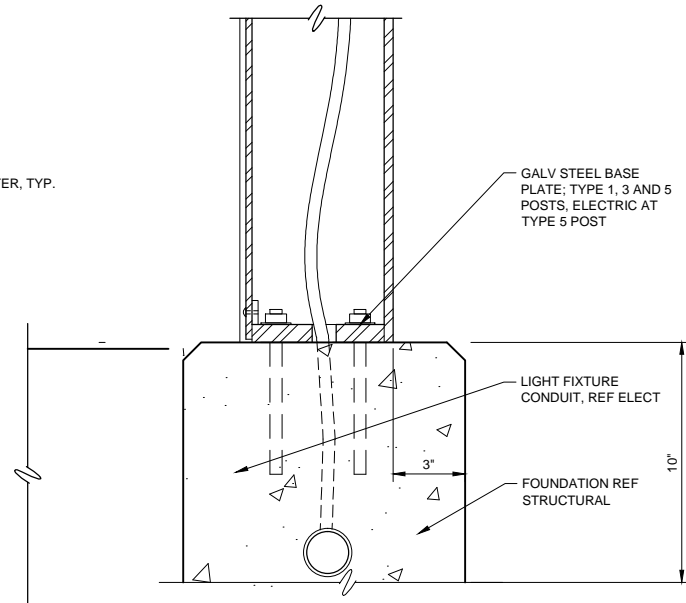
3 JUNCTION BOX
A-003 SCALE: 6"=1'-0"



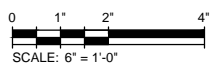
4 POST CONNECTION
A-003 SCALE: 6"=1'-0"



5 TYPE 2 POST AT CONC CONNECTION
A-003 SCALE: 3"=1'-0"



6 TYPE 1, 3, 5 POST CONNECTION AT CONC
A-003 SCALE: 3"=1'-0"



MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E:16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

RAILING DETAILS

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

A-003

Bar Measures 1 inch



www.tetrattech.com

217 SECOND STREET, SUITE 207
JUNEAU, AK 99801

MAIN: (907) 586-6400 FAX: (907) 463-3677

[illegible]

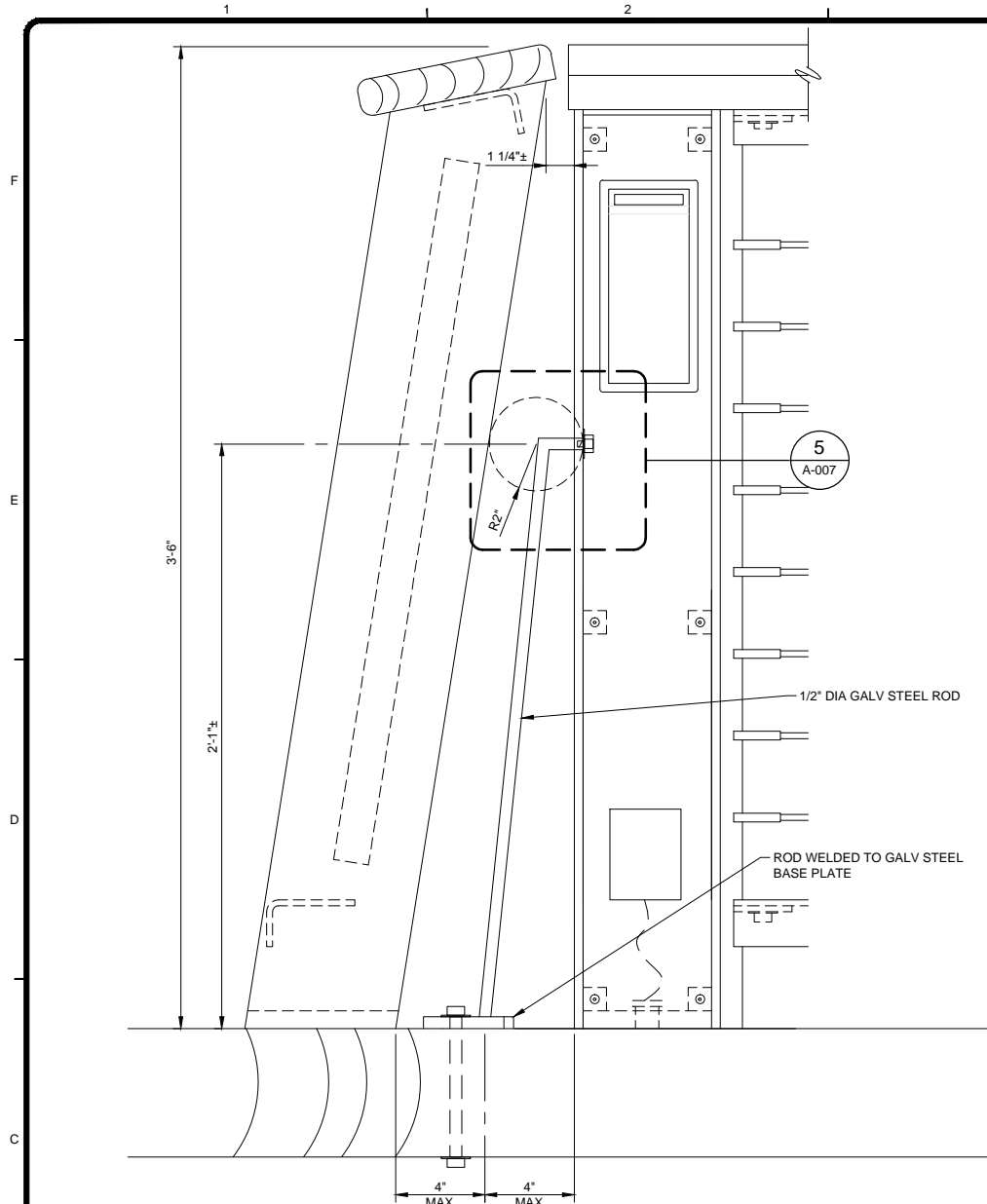
CITY AND BOROUGH OF JUNEAU
E16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

RAILING DETAILS

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

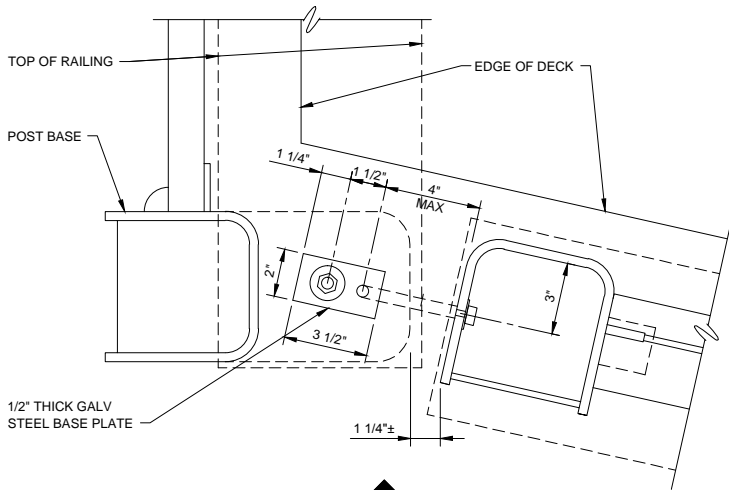
A-006

8/19/2015 1:54:57 PM - \\WRS318FS1\PROJECTS\12554\135-12554-15003\CAD\SHSHEETFILES\A-007-BOAT RAILING DETAILS.DWG - WRIGHT, EKATERINA



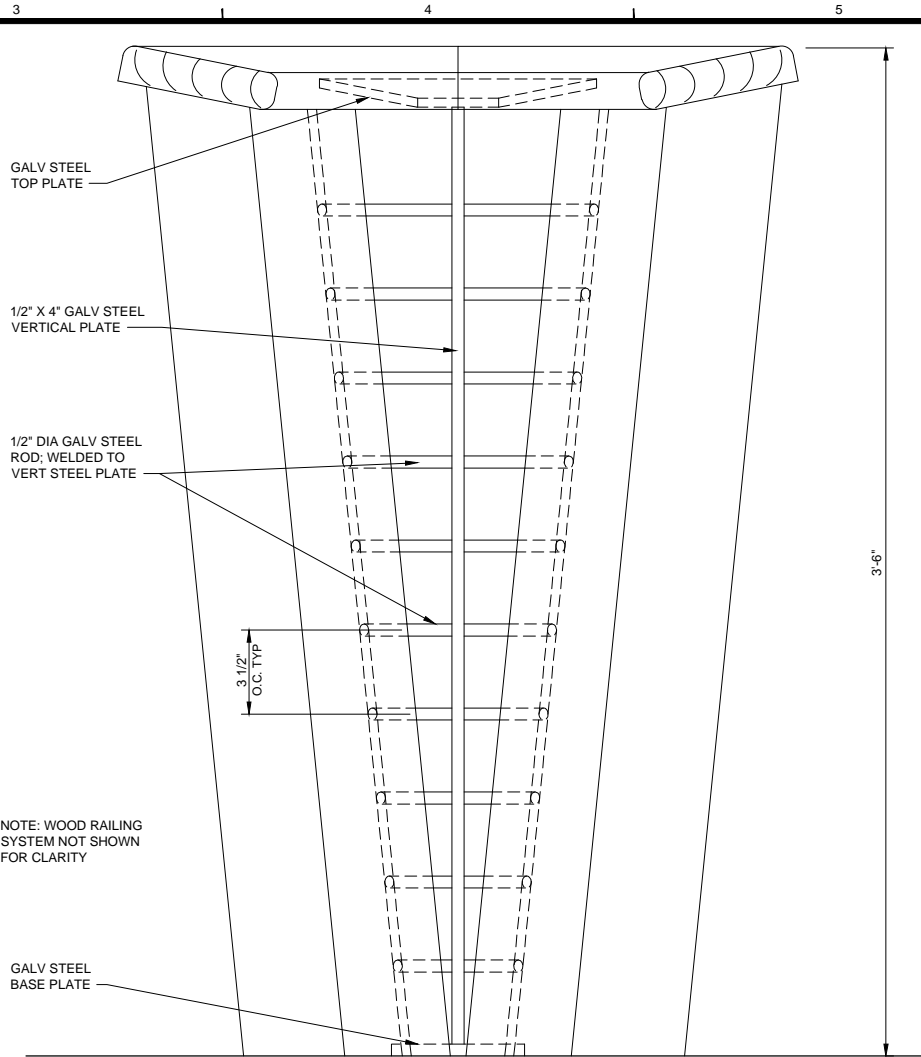
**GUARDRAIL TYPE 3
POST TYPE 5 SLOPED AND POST TYPE 3 CONNECTION**

SCALE: 3"=1'-0"



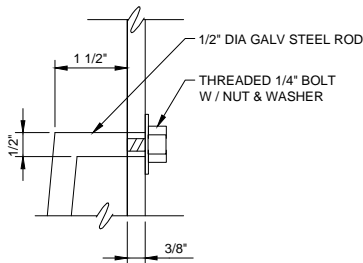
**GUARDRAIL TYPE 3
POST TYPE 5 SLOPED AND POST TYPE 3 CONNECTION**

SCALE: 3"=1'-0"



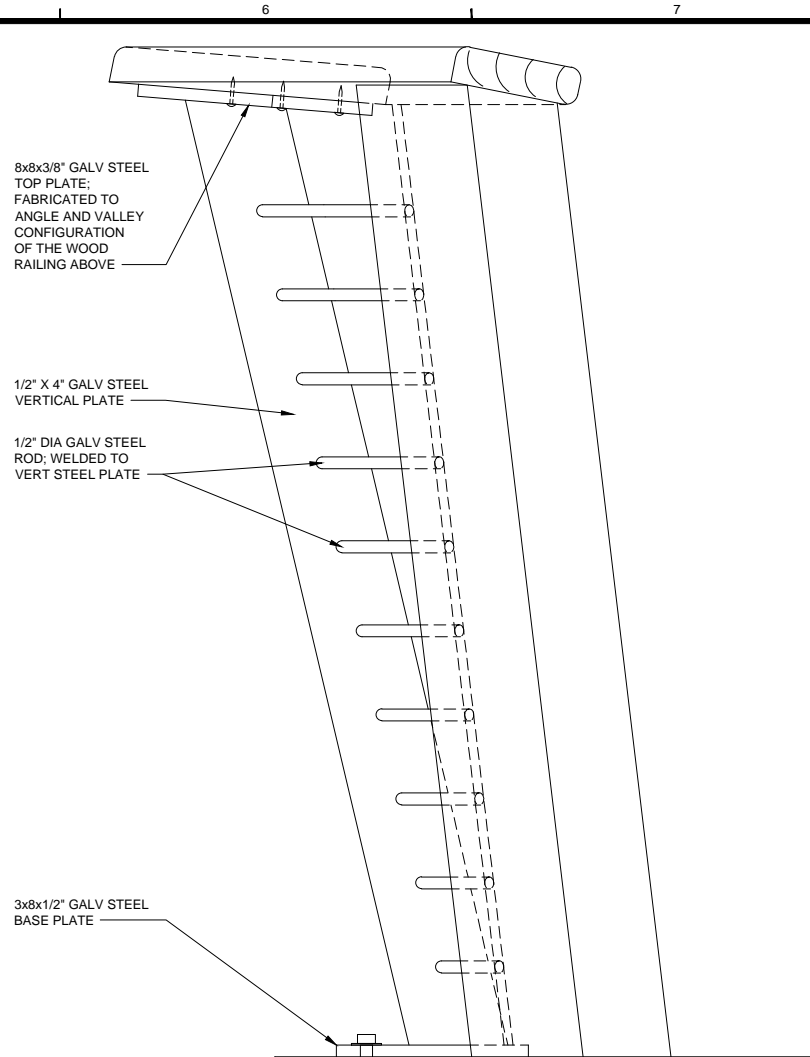
**GUARDRAIL TYPE 3
BOW OF BOAT INFILL, VIEW FROM INTERIOR**

SCALE: 3"=1'-0"



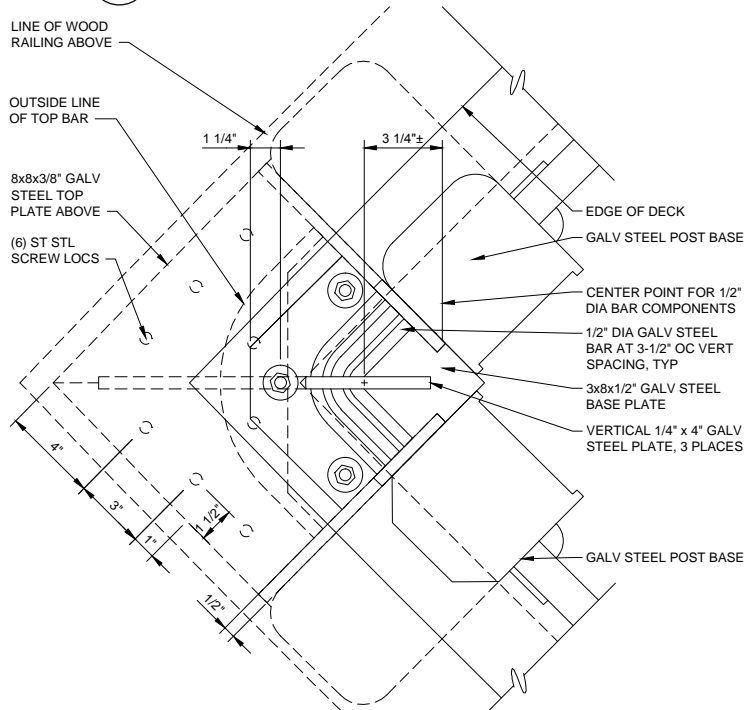
**GUARDRAIL TYPE 3
BAR TO LIGHT POST CONNECTION**

SCALE: 6"=1'-0"



**GUARDRAIL TYPE 3
BOW OF BOAT INFILL, SECTION**

SCALE: 3"=1'-0"



**GUARDRAIL TYPE 3
BOW OF BOAT INFILL, PLAN VIEW**

SCALE: 3"=1'-0"

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

MARK	DATE	DESCRIPTION	BY

CITY AND BOROUGH OF JUNEAU
E:16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK

BOAT RAILING DETAILS

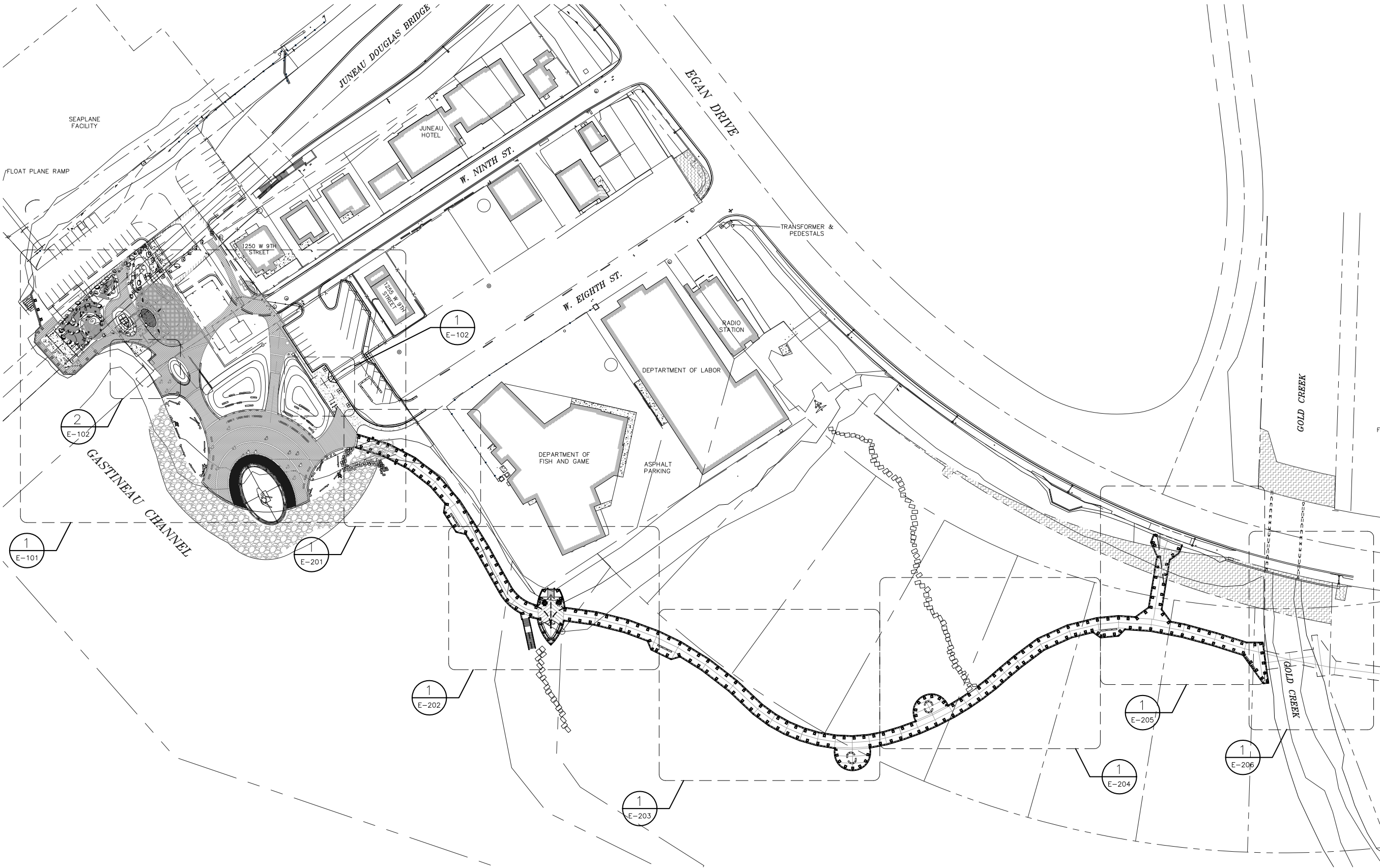
Project No.: 135-12554-15003
Designed By: MMB
Drawn By: EGW
Checked By: DRB

A-007

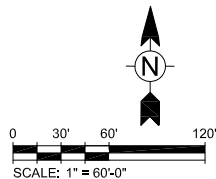
Copyright: Tetra Tech
Bar Measures 1 inch

Copyright: Tetra Tech

8/4/2015 4:15:54 PM - F:\PROJECTS\142 KOW79 JUNEAU SEAWALK - GOLD CRK TO BRIDGE\DRAWINGS\WORKING\E-002.DWG - PEGGY LESLIE



1 POWER SUPPLY AND DISTRIBUTION PLAN - SEAWALK
SCALE: 1"=60'-0"



CITY AND BOROUGH OF JUNEAU E16-011, DOWNTOWN SEAWALK - BRIDGE TO GOLD CREEK		MARK	DATE	DESCRIPTION	BY
ELECTRICAL OVERALL SITE PLAN					
Project No.: 135-12554-15003					
Designed By: BCH					
Drawn By: PEL					
Checked By: BCH					

HAIGHT & ASSOCIATES
CONSULTING
ELECTRICAL
ENGINEERS

526 Main Street, Juneau, AK 99801
(907) 586-9788

142.79
B.C. HAIGHT
E.C. 4804
4 AUG 2015

TETRA TECH

www.tetratech.com
217 SECOND STREET, SUITE 207
JUNEAU, AK 99801
MAIN: (907) 586-6400 FAX: (907) 463-3577

E-002

Bar Measures 1 inch