



To: Brad Ryan, Borough Manager, Municipality of Skagway
From: Ross Hunnicutt, Construction Project Manager, KPFF Consulting Engineers
Cc: Cody Jennings, Emily Deach, Ed DeBroeck

RE: Ore Peninsula Redevelopment Project, Pacific Pile & Marine
Change Order No. 005

Date: March 5th 2024

Summary: On July 25, 2023, The Municipality of Skagway (MOS) and Pacific Pile & Marine (PPM) entered into a contract for the Ore Dock Redevelopment Project. Below is a summary of the accepted changes in price to the Ore Dock Redevelopment Project to date, and Change Order 005.

Original Contract Price – \$39,402,785.48 (Thirty-Nine Million, Four-Hundred and Two Thousand Seven Hundred and Eighty-Five Dollars and 48/100) as specified and accepted in Exhibit A of the Contract. The authorized total contract including Force Account allowances is \$41,196,879.60.

Change Order No. 001 - \$ 125,280.49 approved October 19, 2023.
Change Order No. 002 - \$ 26,476.08 approved December 21, 2023.
Change Order No. 003 - \$ 15,627.67 approved January 4th, 2024.
Change Order No. 004 - \$ 35,982.42 approved February 15th, 2024.

Field Order No. 002 - \$ 300,000 approved November 20th, 2023
Field Order No. 003 - \$ 244,568.42 approved December 21, 2023

Force Account Allowance \$1,794,094.12
Current Contract Price - \$41,944,814.68

Original Contract Schedule – PPM shall have the base bid Work defined in Exhibit A of the Contract completed no later than April 21, 2024.

No Change to contract schedule.

Scope of Changes (Change Order 005):

PCO 003 – RFP Upland Slab	Additive cost \$ 97,550.53
PCO 021 – CD Trestle Pile Cap Structural Steel Changes –	Additive cost \$ 30,302.53
PCO 030 – Pile 8 Welding Fit up –	Additive cost \$ 7,561.85
PCO 031 – Upland Slab Survey Points –	Additive cost \$ 1,397.32
PCO 033 – Dolphin 2 Pile 11 Section Splicing -	Additive cost \$ 27,979.32

Total Cost Impacts associated with Change Order 005: \$ 164,791.55
Schedule Impact of this change(s): 0 Days

PCO 003 - RFP Upland Slab

The Permanent Slab is a Designer initiated change to account for descoping of the uplands Sea walk as a cost saving component for MoS. The cost proposal includes removal of existing concrete, asphalt, and soils, and placement of a new reinforced concrete approach slab, and disposal of contaminated soil. This Change Order includes a provision for an assumed 29 cubic yards of contaminated soil abatement and disposal to be measured and paid at a unit price.

This proposal is recommended as a lump sum proposal for a Not to Exceed price of \$ 97,550.55.



Memorandum

To: Brad Ryan
Municipality of Skagway

From: KPFF

Copies: Emily Deach, MOS
Cody Jennings, MOS

Date: August 8th, 2023

Subject: Ore Peninsula Redevelopment Project
RFP – Upland Slab – PCO 003

The proposed upland civil work in the attached drawing outlines the addition of 105 square yards of temporary concrete paving to accommodate pedestrian and vehicular access to the float during the cruise season. The work is directly adjacent to the cruise ship dock concrete access slab and will result in approximately 29 cubic yards of native soil excavation and disposal. All existing utilities shall be protected-in-place and not altered or improved as part of this upland civil paving plan.

All excavated soil is potentially contaminated and shall be tested and disposed of in accordance with the Environmental Management Plan. Due to the low quantities of excavated soil, stabilization will not be required before disposal and transport of contaminated material. Jolene Cox with Cox Environmental Services will serve as the QEP and oversee all upland earthwork testing and handling. The contractor shall be required to prepare and provide all submittals related to this type of work as outlined in the project documents.

Regards,
Ed DeBroeck, PE KPFF

Attach:

- Drawing Revision 02 – New Sheet C3.16

Ore Peninsula Redevelopment Project

OWNER: Municipality of Skagway

DESC: PCO 003 - Upland Slab

COST SUMMARY

DESCRIPTION OF WORK	COST TYPE	QUANT.	UNITS	UNIT RATE	LABOR (LAB)	SUPPLIES (SUP)	PPM EQUIP (PPM)	RENT EQUIP (RENT)	SUBCONT (SUB)	PERM MAT'L (PM)
Hamilton Construction										
Uplands Slab Civil Work	SUB	1.0	LS	\$33,000.00					\$33,000	
Contaminated Soils Handling, Transport, and Disposal	SUB	29.0	CY	\$1,550.00					\$44,950	
Pacific Pile & Marine										
Project Management/SWPPP - Civil Work	LAB	1.0	LS	\$3,300.00	\$3,300					
Project Management/SWPPP - Contaminated Soils	LAB	1.0	LS	\$4,495.00	\$4,495					
SUBTOTALS:					LABOR	SUPPLIES	PPM EQUIP	RENT EQUIP	SUBS	PERM MATERIAL
					\$7,795.00	\$0.00	\$0.00	\$0.00	\$77,950.00	\$0.00
Taxes @: 0.00%										
OH and Fee					15.0%				10.0%	
Markup Totals					\$1,169.25	\$0.00	\$0.00	\$0.00	\$7,795.00	\$0.00
ITEM TOTALS					\$8,964.25	\$0.00	\$0.00	\$0.00	\$85,745.00	\$0.00

TOTAL AMOUNT	\$94,709.25
Addons/Bond	3.0%
SUBTOTAL	\$97,550.53
GRAND TOTAL	\$97,550.53



Hamilton Construction, LLC
PO BOX 648
Skagway, AK 99840
(907) 983-2702 - Office

February 29, 2024

Pacific Pile & Marine
700 S Drive
Seattle, WA 98108

RE: RFP – Upland Slab – PCO 003 Rev 1

Dear Shane Hautanen,

Thank you for the opportunity to provide you with the following proposal for work to be done on the Ore Peninsula Redevelopment Project. Hamilton Construction, LLC (HCL) can do the work as outlined in the RFP – Upland Slab Rev 1 received February 27, 2024. This work includes shed and concrete removal, 12” of excavation, 6” of D1 and 6” of concrete with rebar. HCL can perform this work for \$33,000.

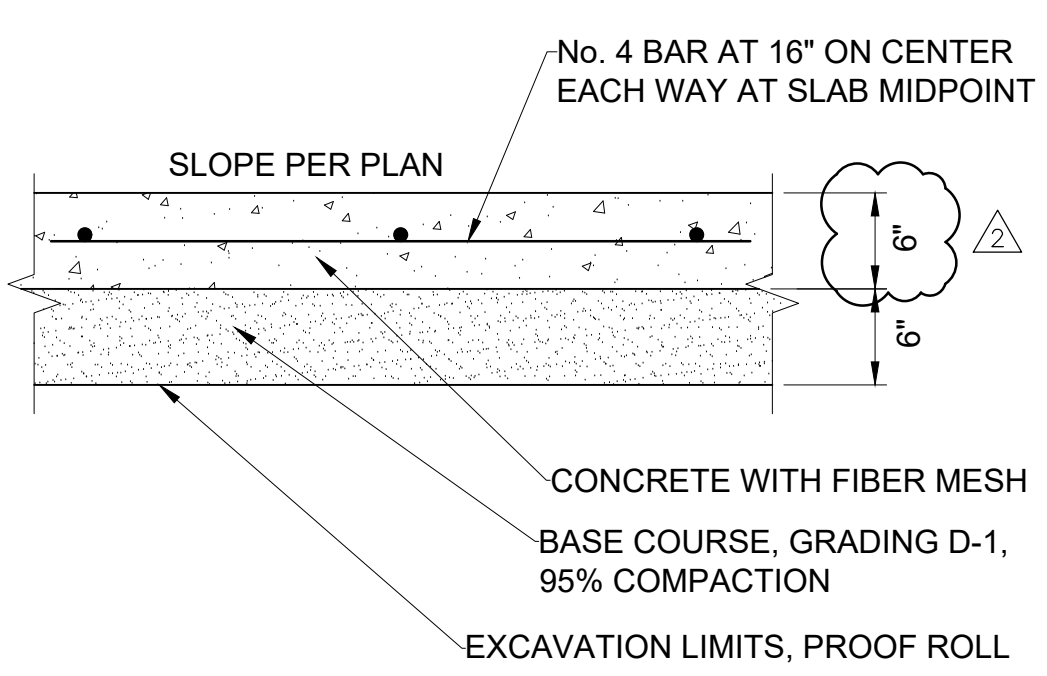
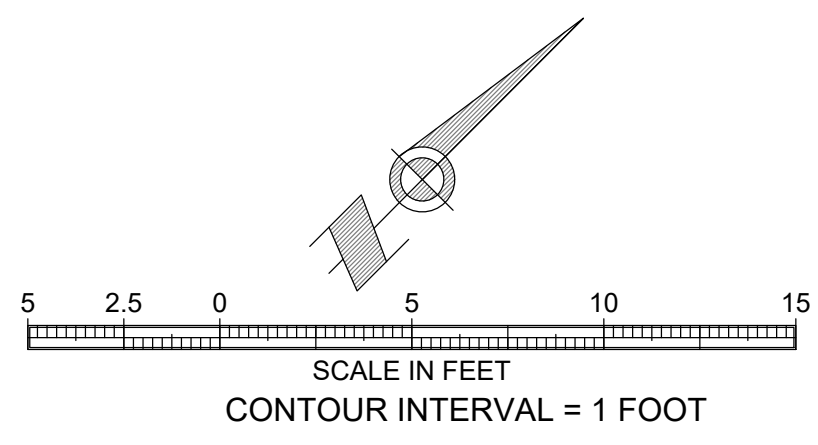
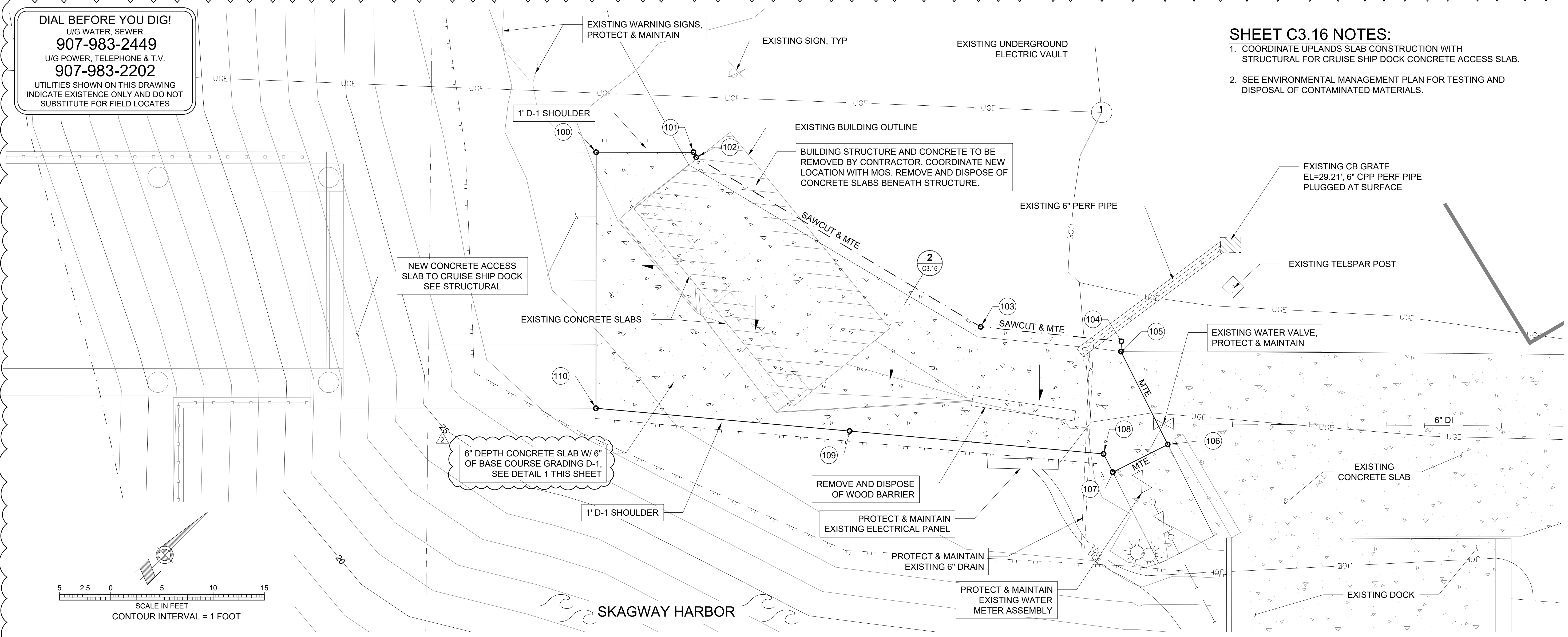
For the potentially contaminated soils, due to the unknown quantity we propose a per cubic yard price of \$1550. This price includes handling, transport and disposal in accordance with the Environmental Management Plan. HCL will not be responsible for any testing or SWPPP control measures needed for this work. HCL will work under PPM’s Hazardous Material Control Plan (HMCP) and Health and Safety Plan (HASP).

Sincerely,

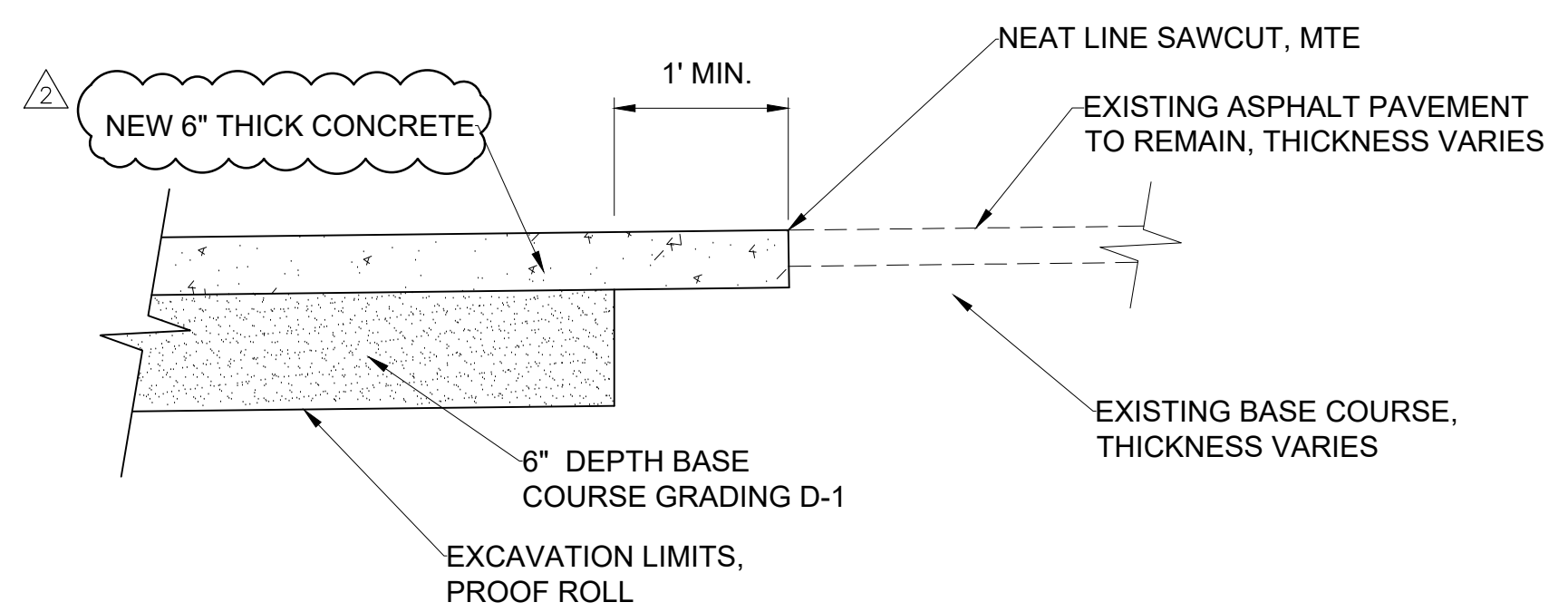
Jeff Hamilton
Hamilton Construction LLC
Member

DIAL BEFORE YOU DIG!
 U/G WATER, SEWER
907-983-2449
 U/G POWER, TELEPHONE & T.V.
907-983-2202
 UTILITIES SHOWN ON THIS DRAWING
 INDICATE EXISTENCE ONLY AND DO NOT
 SUBSTITUTE FOR FIELD LOCATES

SHEET C3.16 NOTES:
 1. COORDINATE UPLANDS SLAB CONSTRUCTION WITH STRUCTURAL FOR CRUISE SHIP DOCK CONCRETE ACCESS SLAB.
 2. SEE ENVIRONMENTAL MANAGEMENT PLAN FOR TESTING AND DISPOSAL OF CONTAMINATED MATERIALS.



1 CONCRETE SLAB SECTION
 C3.16 SCALE: NTS



NOTE:
 FINAL SAWCUT OF EXISTING PAVEMENT SHALL NOT BE MADE UNTIL 24 HOURS PRIOR TO FINAL PAVING.

2 PAVEMENT MATCH JOINT DETAIL
 C3.16 SCALE: NTS

GRADE POINT SUMMARY TABLE				
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	2785809.95	2376319.41	28.40	TOC
101	2785816.55	2376326.24	29.02	TOC/MTE
102	2785816.39	2376326.78	29.02	TOC/MTE
103	2785823.83	2376358.23	29.11	TOC/MTE
104	2785832.37	2376369.08	29.17	TOC/MTE
105	2785831.62	2376369.74	29.17	TOC/MTE
106	2785828.29	2376379.33	29.32	TOC/MTE
107	2785822.62	2376377.36	29.11	TOC/MTE
108	2785823.27	2376375.47	29.13	TOC
109	2785807.63	2376356.14	28.66	TOC
110	2785791.99	2376336.80	28.20	TOC

ABBREVIATIONS
 MTE MATCH TO EXISTING
 TOC TOP OF CONCRETE

Plotted: Feb 20, 2024 - 9:27am Micki.Minsch Layout: 21
 N:\Projects\10849.22001-KPFF_SG\WF\C\2001const\10849.22001 - R1.dwg



RESPEC
 Juneau, AK
 9109 Mendenhall Mall Rd., Ste. 4
 Juneau, AK 99801
 Phone: 907.780.6060
 Fax: 907.586.3771
 AECC163270



NO.	DATE	BY	REVISION
1	8/9/23	MSM	REVISION 2 - TEMPORARY PAVING PLAN
2	2/20/24	MSM	REVISED GRADES & SLAB DEPTH



ORE PENINSULA REDEVELOPMENT
 SKAGWAY, ALASKA
TEMPORARY UPLAND PAVING PLAN

DRAWN: MSM PROJECT NO.: 10849.22001
 DESIGN: MSM SCALE: AS SHOWN
 CHECKED: JMP DATE: 08/09/2023
 DRAWING NO. **C3.16**
 SHEET NO. OF

CONSTRUCTION SET

PCO 021 - Designer
Changes to Cruise Dock
Trestle Connections
Added Stiffener Plates and
Anchor Bolts

Recommended for Payment
by KPFF

Ore Peninsula Redevelopment Project

OWNER: Municipality of Skagway
DESC: PCO 021 - CD Trestle Pile Cap Hold Down Bolts and Stiffeners and Headed Bar S

START DATE:
FINISH DATE:

COST SUMMARY

DESCRIPTION OF WORK	COST TYPE	QUANT.	UNITS	UNIT RATE	LABOR (LAB)	SUPPLIES (SUP)	PPM EQUIP (PPM)	RENT EQUIP (RENT)	SUBCONT (SUB)	PERM MAT'L (PM)
<u>Jesse Co.</u>										
Hold-Down Bolts and Stiffeners	SUP	1.0	LS	\$17,772.00		\$17,772				
Headed Bar Spacing	SUP	1.0	LS	\$5,853.00		\$5,853				
Additional Detailing Costs	SUP	1.0	LS	\$3,650.00		\$3,650				

Hold-Down Bolts and Stiffeners - Additional (72) hold-down bolts and stiffeners to cover both sides of the pile caps as well as the 4 bolt connection at each pile location per IFC drawing S3.24
Headed Bar Spacing - Additional (140) headed studs to accommodate 7" OC spacing as shown on Detail A S3.24 and clarified in RFI 005.
Additional detailing costs - Additional detailing required for multiple shop drawing iterations to account for PCO 021 design changes.

	LABOR	SUPPLIES	PPM EQUIP	RENT EQUIP	SUBS	PERM MATERIAL
SUBTOTALS:	\$0.00	\$27,275.00	\$0.00	\$0.00	\$0.00	\$0.00
Taxes @: 0.00%						
OH and Fee 15.0%		10.0%	10.0%		10.0%	
Markup Totals	\$0.00	\$2,727.50	\$0.00	\$0.00	\$0.00	\$0.00
ITEM TOTALS	\$0.00	\$30,002.50	\$0.00	\$0.00	\$0.00	\$0.00

TOTAL AMOUNT	\$30,002.50
Bond	1.0% \$300.03
SUBTOTAL	\$30,302.53
GRAND TOTAL	\$30,302.53

Plotted: Aug 07, 2023 - 10:46am dyl Layout: S3.24
 M:\2021\2100135 Skagway Ore Peninsula Multi-Use Dock Drawings\Current\2100135_S3.24 Cruise Dock Trestle Sections.dwg

HEADED HRC555 OPTIONS:
 #7 A706 x 12" SET OF (4) AT 8" O.C. MAX.
 #8 A706 x 14" SET OF (4) AT 11" O.C. MAX.
 #9 A706 x 16" SET OF (4) AT 14" O.C. MAX.
 SEE NOTE 1

WELD SPLICE
 S10.00

EMBED ANCHOR BOLTS FOR PC PANEL ATTACHMENT WITH OVERHANGS
 1-1/2" ANCHOR BOLT TYP AT 12"+/- ALONG PILE CAP EACH SIDE

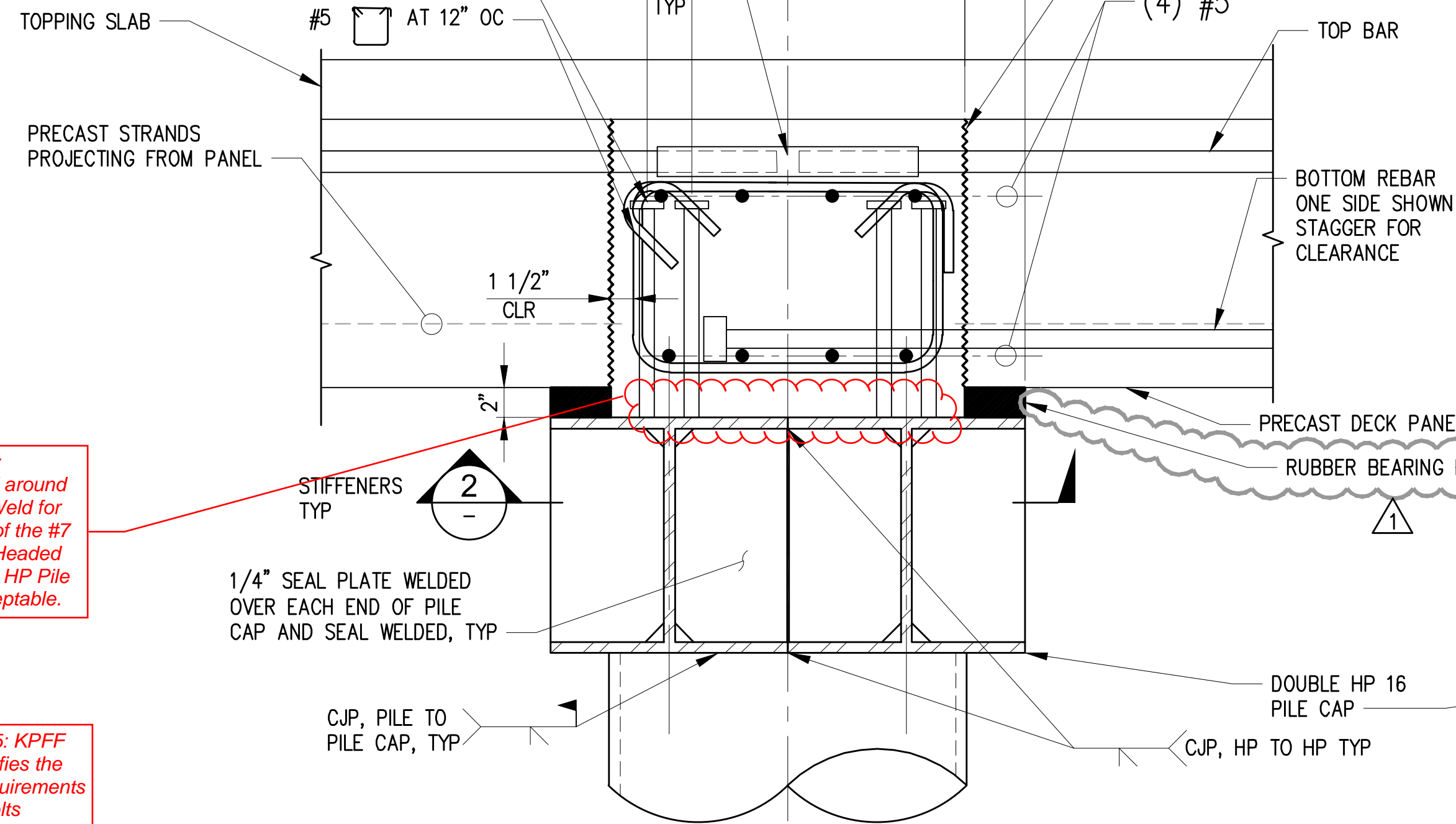
PROVIDE (4) #5 VERTICAL TIES AT EACH ANCHOR BOLT WITHIN 12" DIA OF EACH BOLT.

GROUT AND VENT PORTS

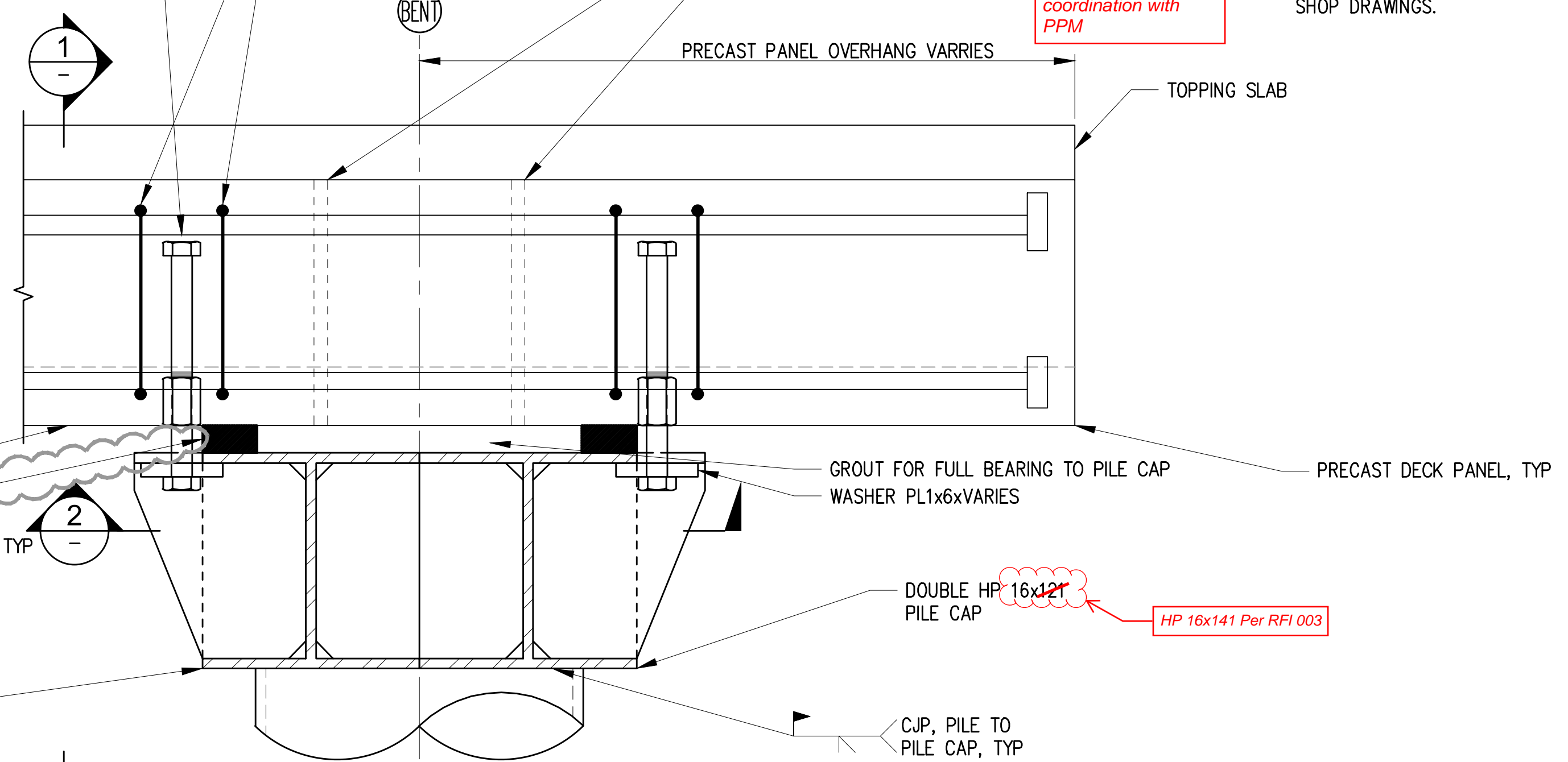
Per RFI 005: grout tube - sizing and projection - CTC coordination with PPM

NOTES

1. SIZE AND SPACING OF WELDED HEADED HRC555 TO BE SELECTED BY CONTRACTOR TO SUPPORT PANEL REBAR REQUIREMENT. DETAILS TO BE SHOWN ON INTEGRATED SHOP DRAWINGS.



A SECTION
 S3.11 SCALE: 1 1/2" = 1'-0"



B SECTION
 S3.11 SCALE: 1 1/2" = 1'-0"

Per RFI 004: Use of an all around 5/16" Fillet Weld for attachment of the #7 or #8 sized Headed Rebar to the HP Pile Caps is acceptable.

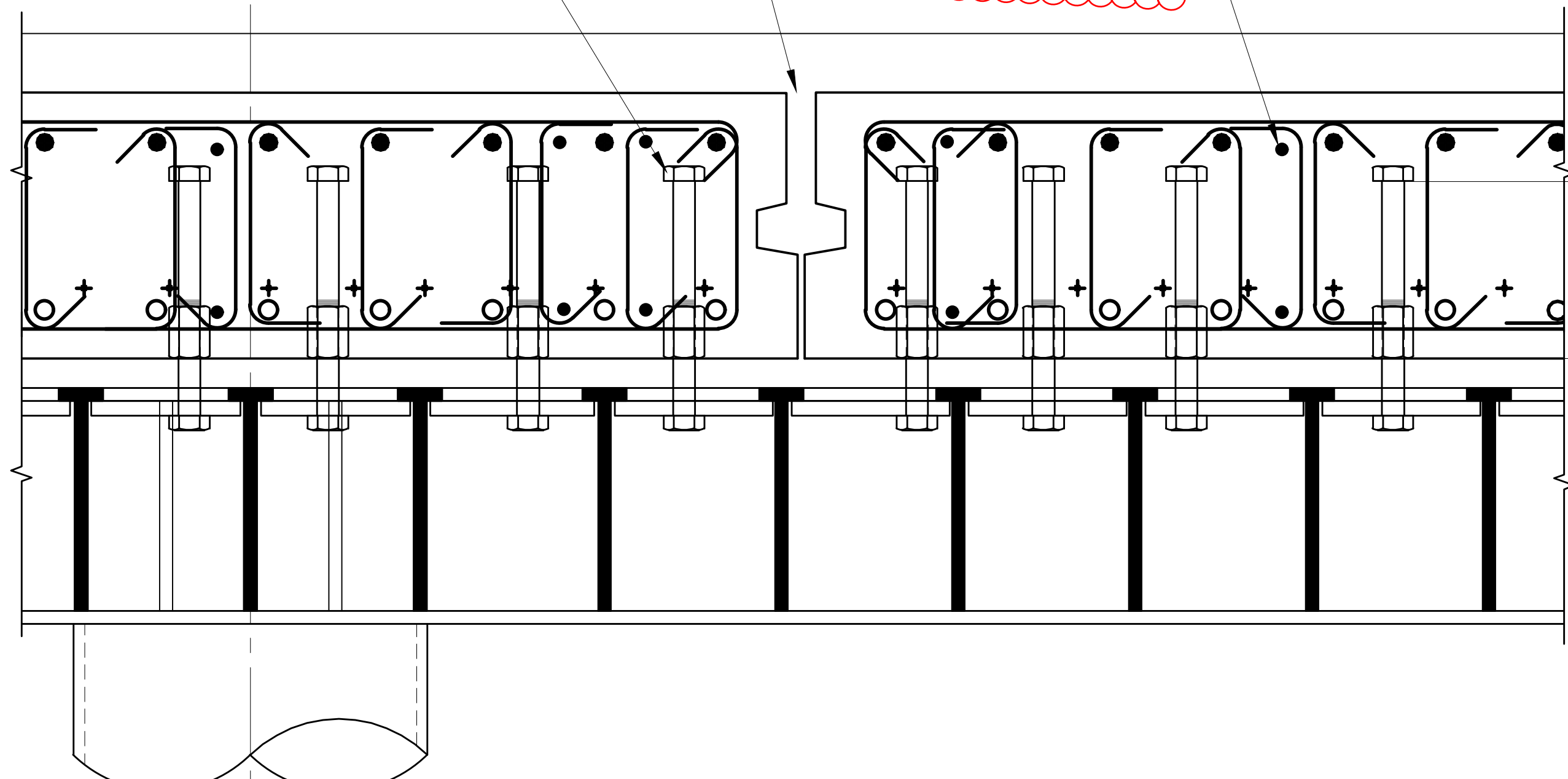
Per RFI 005: KPFF Sketch clarifies the spacing requirements for these bolts

HP 16x141 Per RFI 003

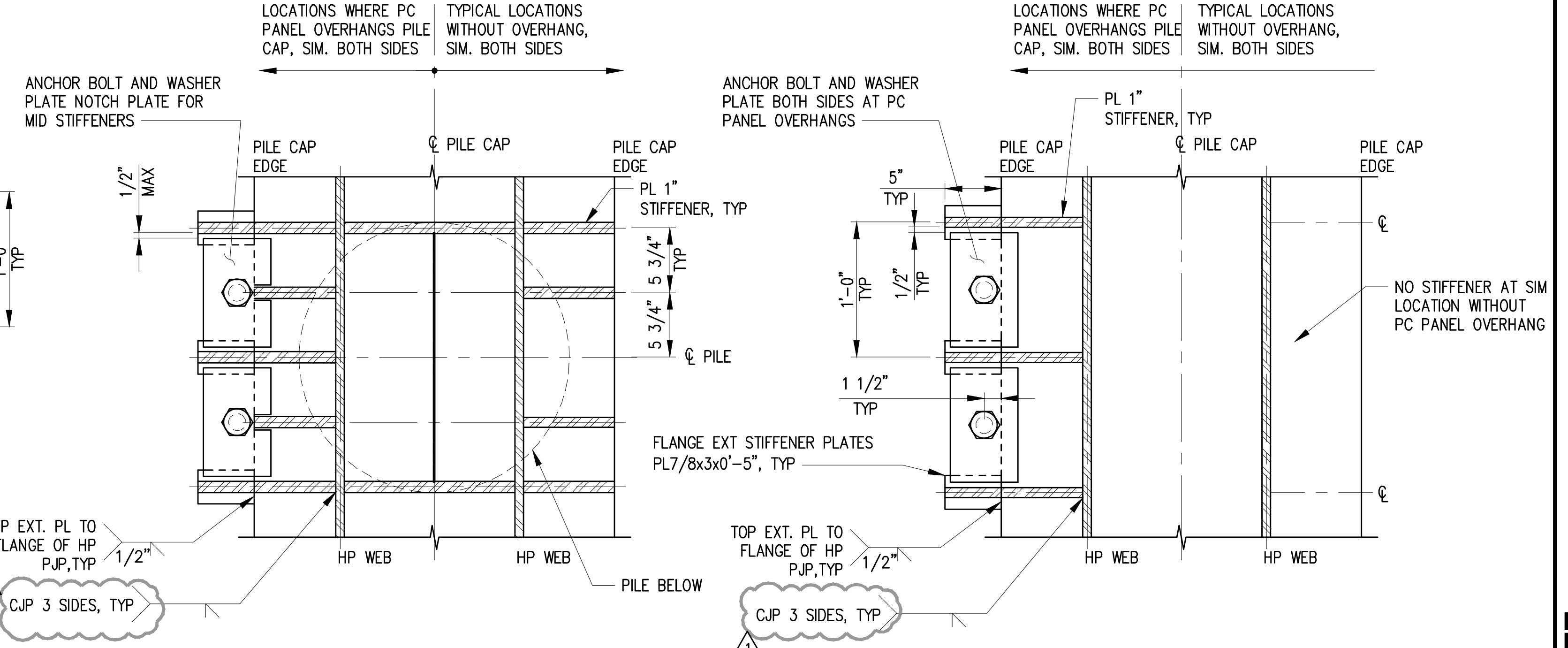
EMBED ANCHOR BOLTS FOR PC PANEL ATTACHMENT AT OVERHANG LOCATIONS COORDINATE ON INTEGRATED SHOP DRAWINGS. SPACING IS 12"+/- O.C.

PROVIDE ADDITIONAL #5 LONG. BARS AS NECESSARY TO TERMINATE STIRRUPS FOR ANCHOR BOLTS

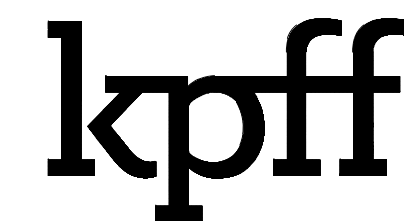
Clarifying details provided in RFI 005 Sketch provided by KPFF



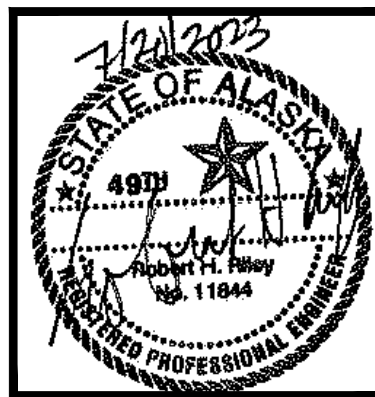
1 PC ATTACHMENT AT OVERHANGS
 SCALE: 1 1/2" = 1'-0"



2 TYPICAL STIFFENERS
 SCALE: 1 1/2" = 1'-0"



1601 5th Avenue, Suite 1300
 Seattle, Washington 98101
 (206) 382-0600 Fax (206) 382-0500



NO.	DATE	BY	REVISION
1	08/04/2023	DMR	REVISION 1



**ORE PENINSULA REDEVELOPMENT
 SKAGWAY, ALASKA**

CRUISE DOCK TRESTLE SECTIONS

DRAWN: JH	PROJECT NO.: 2100135
DESIGN: ED	SCALE: AS SHOWN
CHECKED: RR	DATE: 07/21/2023
DRAWING NO.	S3.24
SHEET NO.	184 OF 381

CONSTRUCTION SET



Skagway Ore Peninsula Redevelopment

RFI

005 - Precast - Clarifications

No. 5

CREATED 8/7/2023	RESPONDED 8/15/2023	DUE DATE	ANSWERED
TO KPFF-Rob Price 206-484-8442		LOCATION OWNER ARCHITECT GENERAL CONTRACTOR PROJECT MANAGER Ed Debroeck KPFF	
FROM Pacific Pile & Marine-Zach Wallace			

QUESTION			
Job Name: Ore Peninsula- Skagway CTC Job Number: 23099			
Drawing No.	Section/Detail No.	Question/Comment	Clarifications
A1.71	1	How is composite blocking being secured to deck panels? Need to know if they are being mechanically secured and if that is deeper than 3".	sits directly on topping slab - adhesive
E4.03	1&2	Following detail on U11.00 with hangers @12" o/c, not 4' per these details.	KPFF to provide clarification
S3.00	1	Based on a centerline dimension of 11" for the windscreen supports, the resulting through bolt locations will conflict with strand and longitudinal reinforcing.	KPFF to clarify - PPM may need to submit RFI
S3.24	A	Are the headed bars welded to the pilecap 1 1/2" from the center of the HP16x121? If so, the projecting headed bar from the deck panel will hit them.	KPFF to clarify
S3.24	B	Location of anchor bolts in panels across the width of the panel (confirm if 12" +/- is correct)?	7" or 14" spacing - KPFF to clarify
S3.24	B	Size,location of grout tubes from bent, and required projection from top of panel for coupler?	grout tube - sizing and projection - CTC coordination with PPM
S3.24	1	Anchor bolts callout spacing as 12" +/-, the bars and strands are spaced at 7" o/c, therefore bolts can be spaced to match @ 7" or 14" o/c.	7" or 14" spacing - KPFF to clarify
S3.24	1	What is the length of the #5 long bar required and does each end need a hook?	KPFF to clarify No 5 - no hook needed
S3.25	D	Will a 2" dia spiral duct work for the grout sleeve?	acceptable - PPM may need to submit RFI
S3.25	E	I do not think this section applies to where it is cut.	KPFF to clarify
S3.26	A	No joint is shown, assuming 1/4" joint is necessary.	joint will be needed
S3.26	A	Assume height of #4 is 14"	KPFF to provide clarification
S3.27	4/B	Where does this detail occur?	KPFF to provide clarification on locations / spacing
S3.28	A	The field drill anchor bolt will hit top bar and strand.	KPFF to provide clarification on whether strands/bars can be moved to avoid conflicts with embeds
S10.10	A	Confirm height above typical panel thickness is 3".	consistent thickness along length of panels - coordinate with PPMs plan for topping slab
REFERENCES/ATTACHMENTS			
SPECIFICATIONS 03 40 00		DRAWINGS Misc.	OTHER True
PROPOSED SOLUTION			
POTENTIAL COST IMPACT No		POTENTIAL SCHEDULE IMPACT No	

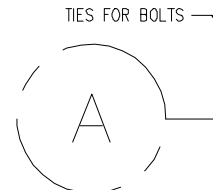
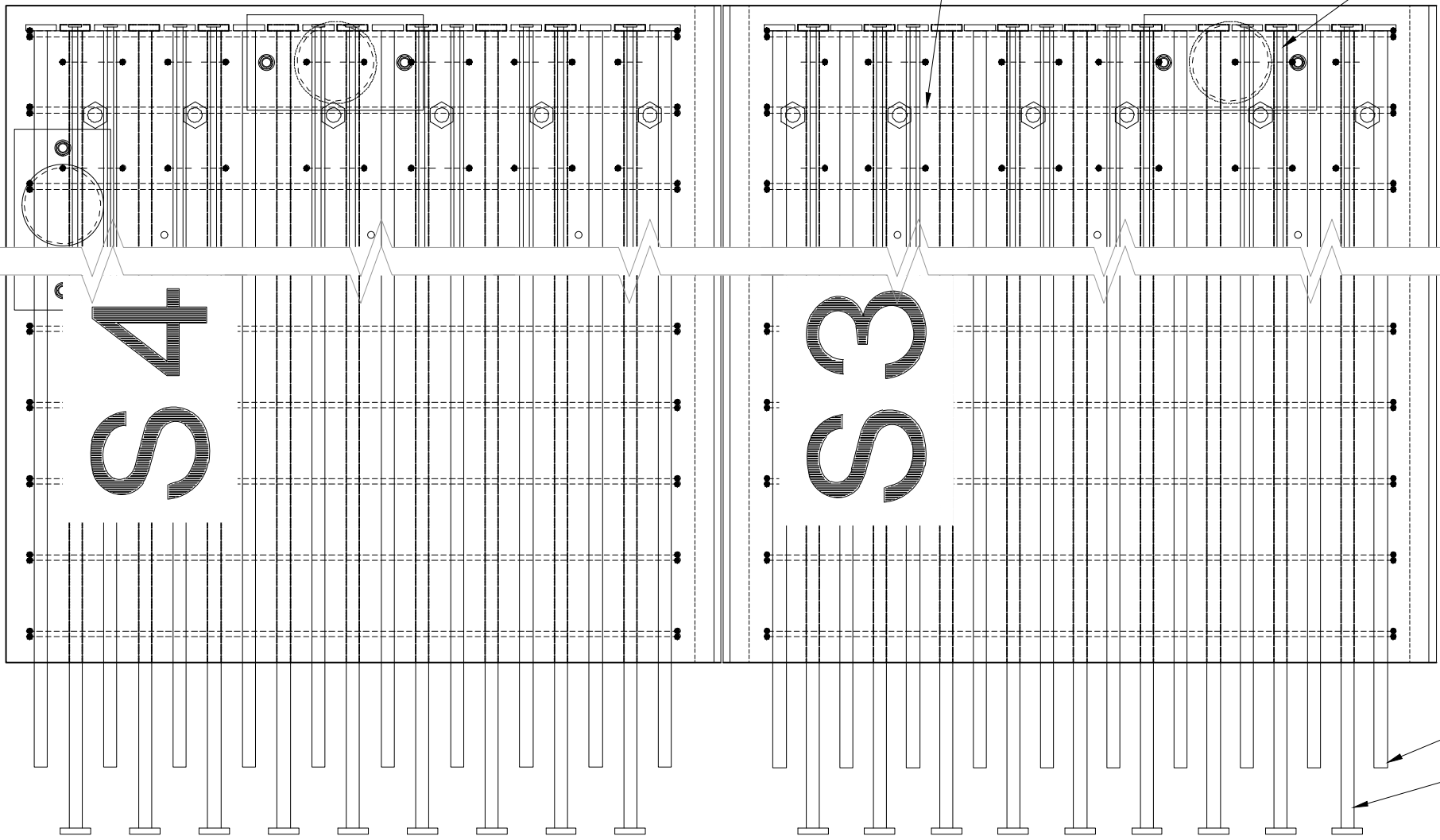
RESPONSE			
Job Name: Ore Peninsula- Skagway CTC Job Number: 23099			
Drawing No.	Section/Detail No.	Question/Comment	Clarifications
A1.71	1	How is composite blocking being secured to deck panels? Need to know if they are being mechanically secured and if that is deeper than 3".	The composite blocking will sit on the topping slab and will not be secured to the deck panel.
E4.03	1&2	Following detail on U11.00 with hangers @12" o/c, not 4' per these details.	4' OC required per E4.03. Additional details to follow.
S3.00	1	Based on a centerline dimension of 11" for the windscreen supports, the resulting through bolt locations will conflict with strand and longitudinal reinforcing.	See attached "RFI 005 Sketch Details_KPFF.pdf" for information resolving the conflict for these blockouts
S3.24	A	Are the headed bars welded to the pilecap 1 1/2" from the center of the HP16x121? If so, the projecting headed bar from the deck panel will hit them.	See attached "RFI 005 Sketch Details_KPFF.pdf" for information modifying the details for the headed bars welded to the pile caps.
S3.24	B	Location of anchor bolts in panels across the width of the panel (confirm if 12" +/- is correct)?	See attached "RFI 005 Sketch Details_KPFF.pdf" that clarifies the spacing requirements for these bolts
S3.24	B	Size,location of grout tubes from bent, and required projection from top of panel for coupler?	grout tube - sizing and projection - CTC coordination with PPM
S3.24	1	Anchor bolts callout spacing as 12" +/-, the bars and strands are spaced at 7" o/c, therefore bolts can be spaced to match @ 7" or 14" o/c.	See attached "RFI 005 Sketch Details_KPFF.pdf" that clarifies the spacing requirements for these bolts
S3.24	1	What is the length of the #5 long bar required and does each end need a hook?	See attached "RFI 005 Sketch Details_KPFF.pdf" for clarifying details
S3.25	D	Will a 2" dia spiral duct work for the grout sleeve?	CTC and PPM to confirm layout and clearance. Material selection needs to suit PPM grouting process. Galv Steel or Plastic grout tubes are acceptable at the cruise dock and grout tubes shall be below the topping slab in their final condition.
S3.25	E	I do not think this section applies to where it is cut.	See attached "RFI 005 Sketch Details_KPFF.pdf" for clarifying details on the windscreen bolt blockouts.
S3.26	A	No joint is shown, assuming 1/4" joint is necessary.	Correct, Dimension shown is nominal. There shall be a 1/4" gap between adjacent panels.
S3.26	A	Assume height of #4 is 14"	Coordinate with PPM to determine required length of #4 bar to maintain clear cover on #4 bars.
S3.27	4/B	Where does this detail occur?	See Detail 1 on M3.00 for required location and spacing of SS wear strips.
S3.28	A	The field drill anchor bolt will hit top bar and strand.	See attached "RFI 005 Sketch Details_KPFF.pdf" for clarifying details.
S10.10	A	Confirm height above typical panel thickness is 3".	This height varies across the length of the panel. Coordinate with PPM for required height of step in precast panel through integrated shop drawings. AUTO CAD File "2399-P-1 KLPFF Input_dmr.dwg" is provided for general reference.
RESPONSE BY Kaleb Prough 8/15/2023			

Job Name: Ore Peninsula - Skagway
 CTC Job Number: 23099

Drawing No.	Section/Detail No.	Question/Comment	Clarifications
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S3.00	1	Based on a centerline dimension of 11" for the windscreen supports, the resulting through bolt locations will conflict with strand and longitudinal reinforcing.	KPFF to clarify - PPM may need to submit RFI
S3.24	A	Are the headed bars welded to the pilecap 1 1/2" from the center of the HP16x121? If so, the projecting headed bar from the deck panel will hit them.	KPFF to clarify
S3.24	B	Location of anchor bolts in panels across the width of the panel (confirm if 12" +/- is correct)?	7" or 14" spacing - KPFF to clarify
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S3.24	1	What is the length of the #5 long bar required and does each end need a hook?	KPFF to clarify No 5 - no hook needed
S3.25	D	Will a 2" dia spiral duct work for the grout sleeve?	acceptable - PPM may need to submit RFI
S3.25	E	I do not think this section applies to where it is cut.	KPFF to clarify
S3.26	A	No joint is shown, assuming 1/4" joint is necessary.	joint will be needed
S3.26	A	Assume height of #4 is 14"	KPFF to provide clarification
S3.27	4/B	Where does this detail occur?	KPFF to provide clarification on locations / spacing
S3.28	A	The field drill anchor bolt will hit top bar and strand.	KPFF to provide clarification on whether strands/bars can be moved to avoid conflicts with embeds
S10.10	A	Confirm height above typical panel thickness is 3".	consistent thickness along length of panels - coordinate with PPMs plan for topping slab

MINOR SPACING ADJUSTMENTS TO TYPICAL PANEL TIES IS REQUIRED TO ACCOMMODATE EMBED LOCATIONS

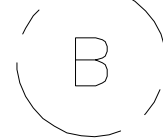
NOTED "ADDITIONAL" BARS SHOWN WITH HEAD ON ONE SIDE AND HOOK ON OTHER DUE TO CONGESTION AT END OF PANEL, HOOK-HOOK OR HEAD-HEAD AT CONTRACTORS OPTION



NOTED "ADDITIONAL" #5 FOR TIES WHERE THERE IS NO TOP OR BOTTOM BAR

SETTING "INNER" PANEL FIRST ALLOWS OUTER PANEL TO BE SET VERTICALLY

USE OF #7 HEADED REBAR ON PILE CAPS

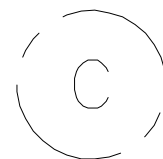


TOP LONG. BARS
BOTTOM LONG. BARS

* NO CONTACT LAP SPLICE USED TO ADJUST LOWER BAR STAGER TO SUPPORT CONNECTION AT PILE CAP C

TOP BARS NOT SHOWN FOR CLARITY

WHEN SETTING ADJACENT "INNER" PANELS THREADING OF TOP AND BOTTOM REBAR WILL BE REQUIRED.



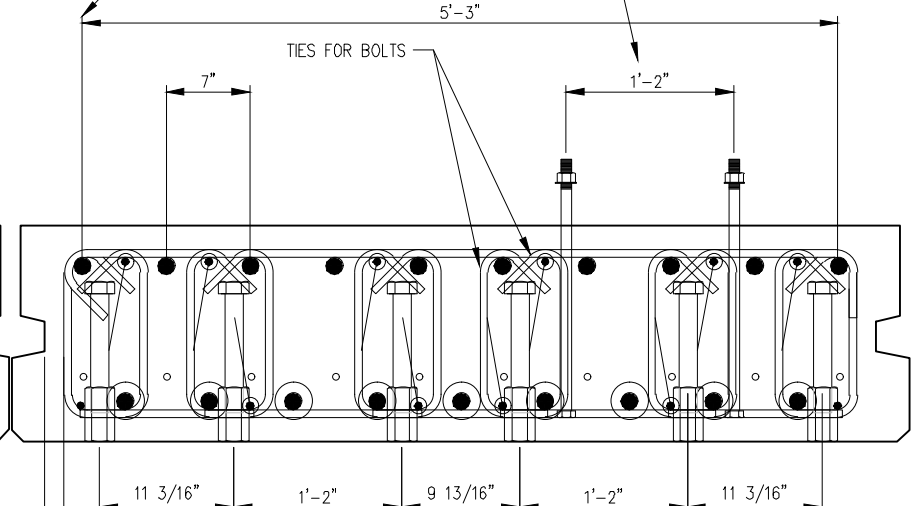
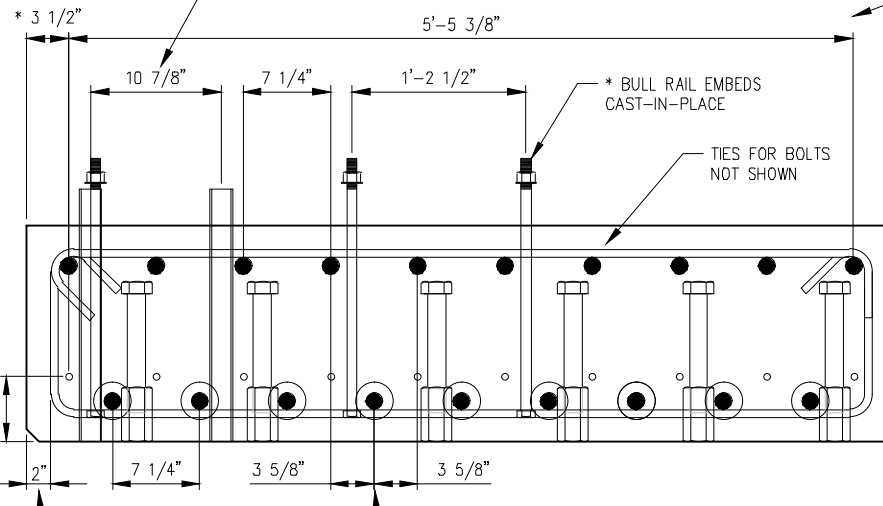
EDGE OF STEEL PILE CAP BELOW

ITEMS AND DIMENSIONS WITH "*" INDICATE INFORMATION NOT PROVIDED OR CHANGED

* MODIFIED GAUGE ON WINDSCREEN PVC SLEEVES, SLEEVES CHANGED TO 1-1/2" PVC TO ACCOMMODATE REBAR SPACING

BOTH TOP AND BOTTOM BARS MAINTAIN SPACING AT ADJACENT PANELS (E) (W)

* BULL RAIL EMBEDS ALONG WEST EDGE SPACING ADJUST TO MATCH REBAR SPACING



PANELS WITHOUT KEYWAY CLEARANCE IS 2" TO EDGE

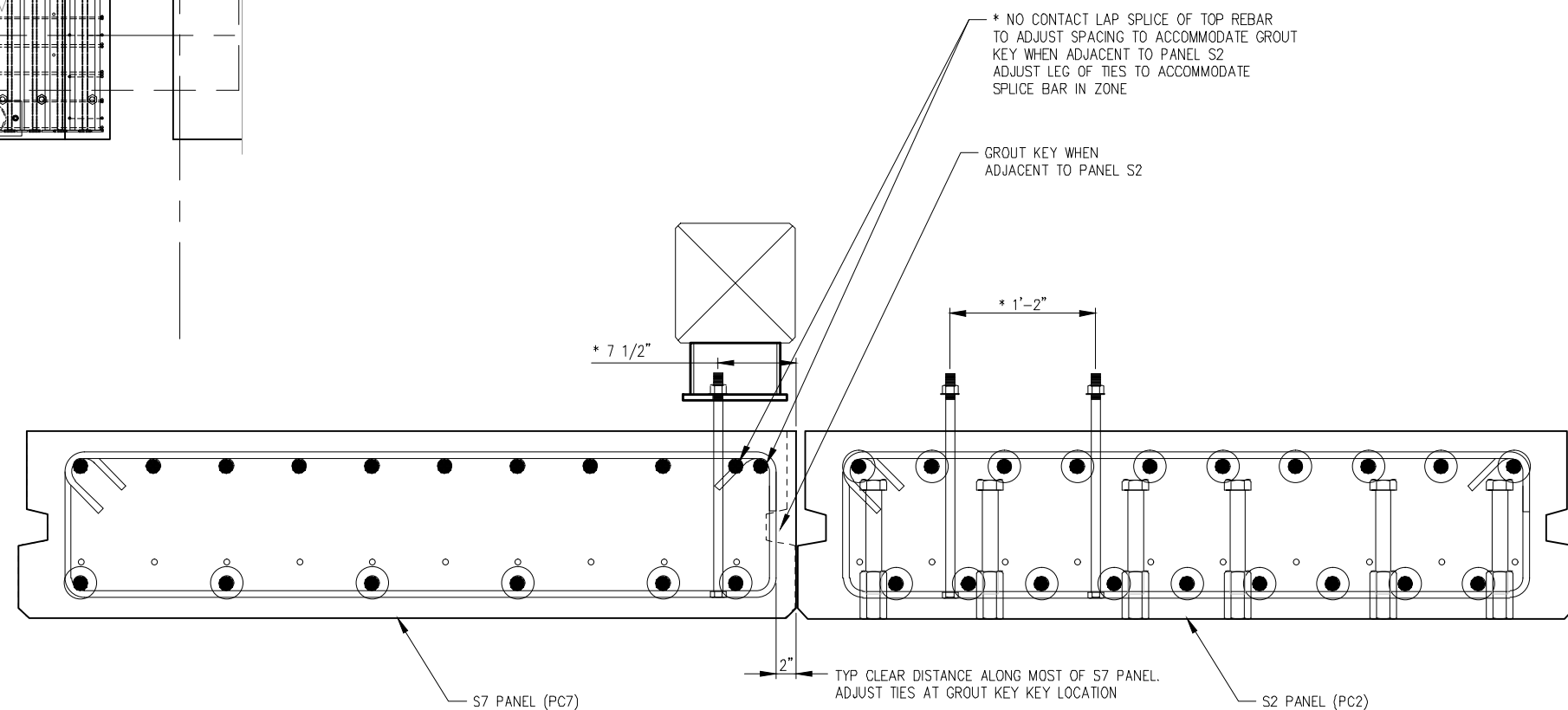
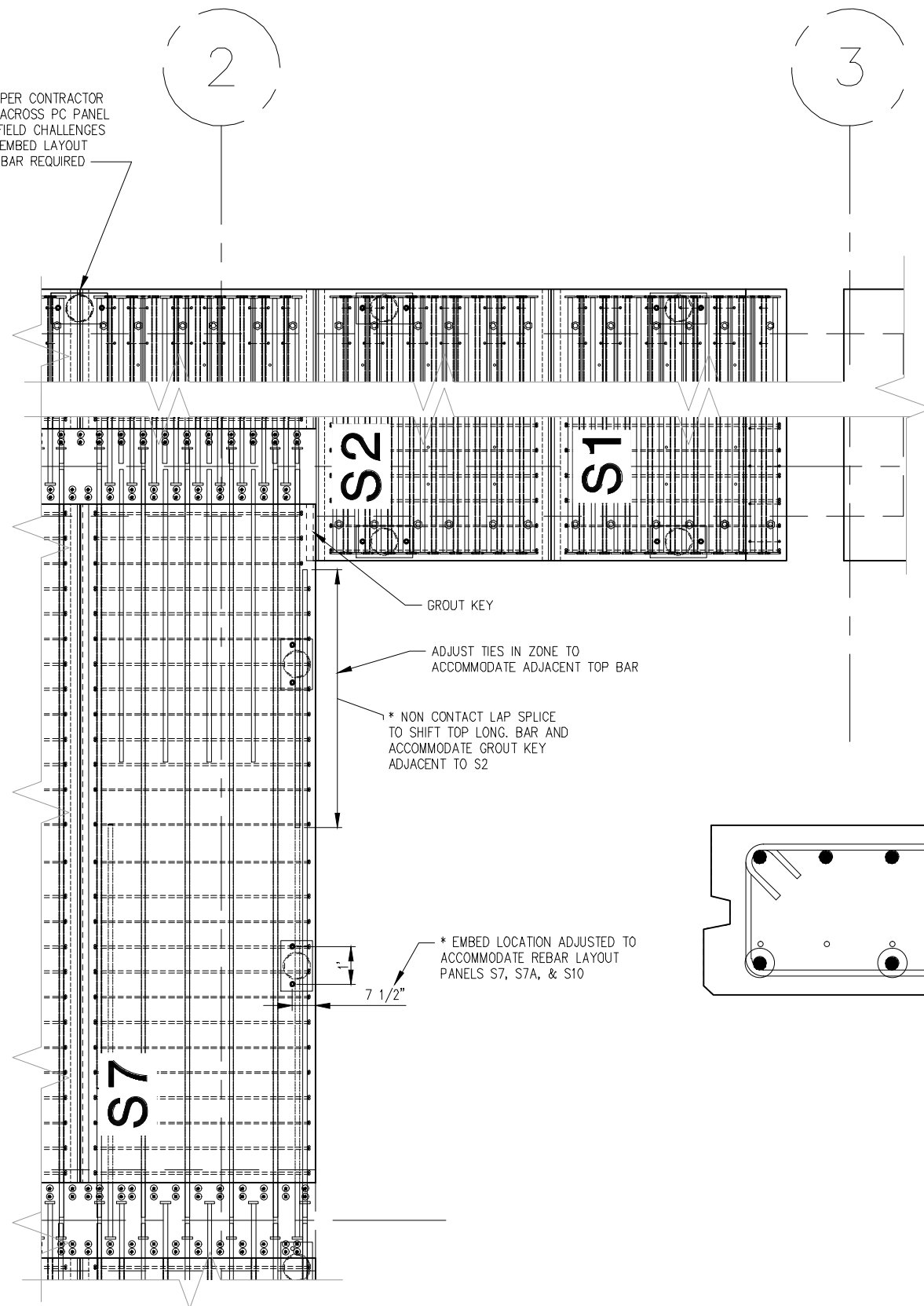
TOP TO BOTTOM BARS ARE STAGGERED ON WEST AND EAST SIDE PANELS TO FACILITATE CONNECTIONS OVER PILE CAPS

PANEL ANCHOR BOLT SPACING IS TO AVERAGE AS CLOSE AS PRACTICAL TO 12" O.C.


kpff
1601 5th Avenue, Suite 1300
Seattle, Washington 98101
(206) 382-0600 Fax (206) 382-0500

RFI 005 RESPONSE Skagway	PROJECT NO.: 2100135	SHEET NO. 1 OF 2
	DATE: 2023-08-14	
	BY: DMR	

BULL RAIL RISER LOCATION PER CONTRACTOR RFI 11. LOCATING EMBEDS ACROSS PC PANEL GROUT JOINT MAY CREATE FIELD CHALLENGES CONTROLLING TOLERANCES. EMBED LAYOUT AND COORDINATION WITH REBAR REQUIRED



ITEMS AND DIMENSIONS WITH "*" INDICATE INFORMATION NOT PROVIDED OR CHANGED

 1601 5th Avenue, Suite 1300 Seattle, Washington 98101 (206) 382-0600 Fax (206) 382-0500	RFI 005 RESPONSE	PROJECT NO.: 2100135	SHEET NO. 2 OF 2
	Skagway	DATE: 2023-08-14	
		BY: DMR	

PCO 030 - Welding Fitup
Change to accommodate
Owner Furnished Pile
roundness.

Recommended for Payment
by KPFF

Ore Peninsula Redevelopment Project

OWNER: Municipality of Skagway
DESC: PCO 030 - Pile 8 Fitup

START DATE: January 22, 2024
FINISH DATE: January 23, 2024

COST SUMMARY

DESCRIPTION OF WORK	COST TYPE	QUANT.	UNITS	UNIT RATE	LABOR (LAB)	SUPPLIES (SUP)	PPM EQUIP (PPM)	RENT EQUIP (RENT)	SUBCONT (SUB)	PERM MAT'L (PM)
Pacific Pile & Marine										
Labor	LAB	1.0	LS	\$4,252.46	\$4,252					
Equipment	PPM	1.0	LS	\$1,851.50			\$1,852			
Materials	PM	20.0	HR	\$28.00						\$560
SUBTOTALS:					LABOR	SUPPLIES	PPM EQUIP	RENT EQUIP	SUBS	PERM MATERIAL
					\$4,252.46	\$0.00	\$1,851.50	\$0.00	\$0.00	\$560.00
Taxes @: 0.00%										
OH and Fee					15.0%		10.0%		10.0%	
Markup Totals					\$637.87	\$0.00	\$185.15	\$0.00	\$0.00	\$0.00
ITEM TOTALS					\$4,890.33	\$0.00	\$2,036.65	\$0.00	\$0.00	\$560.00
TOTAL AMOUNT										\$7,486.98
Bond										1.0% \$74.87
SUBTOTAL										\$7,561.85
GRAND TOTAL										\$7,561.85

Municipality of Skagway
Ore Peninsula Redevelopment Project

Force Account Worksheet- Salvage Handrail

Work Affected: 1/22/2024 - Identified Pile 8 splice out-of-roundness issue. Started fitup modifications.
1/23/24 - Finished fitup modifications. Standby for weld inspection.

Date: 1/22/24 and 1/23/24

FA Submittal No. PCO 030

LABOR

EMPLOYEE NAME	CLASS	PER DIEM	HRS	RATE	COST
Oliver Keim	PD Journeyman Welder	\$174.65	16.0	\$82.02	\$1,486.97
Oliver Keim (OT)	PD Journeyman Welder	\$21.83	2.0	\$108.86	\$239.55
Sean Donan	PD Journeyman Welder	\$174.65	16.0	\$82.02	\$1,486.97
Sean Donan (OT)	PD Journeyman Welder	\$21.83	2.0	\$108.86	\$239.55
Dan Westby	PD Superintendent II	\$65.50	6.0	\$112.38	\$739.78
Robert Kenyon	OE Superintendent II	\$3.96	0.5	\$111.36	\$59.64
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
TOTALS:		\$0.00	0.0		\$4,252.46

Rate Description:

Labor Clarifications
Craft Labor classifications per certified payroll. Staff labor classifications are fully burdened. Per diem costs (housing and meals) are \$130.99/day prorated per a 12 hour working day. Labor rates are fully burdened costs (Base rate + tax + union contributions + Workers compensation). Straight/Overtime/Doubletime rates included as applicable to the day (weekday/weekend/holiday) and time of day of work performed.

Equipment Clarifications
Owned equipment rates per Rental Rate Blue Book - Alaska South region adjustment.
Markups per 00 72 00 11.4.A. of the Contract.

\$4,252.46

MARKUP @: 15% \$637.87
SUBTOTAL: \$4,890.33

EQUIPMENT

EQUIP. DESCRIPTION	WORKING TIME			STANDBY TIME			TOTAL
	HRS	RATE	COST	HRS	RATE	COST	
Welding Machine	12.0	\$7.57	\$90.84	6.0	\$2.57	\$15.42	\$106.26
Splice Rollers (Rental)	12.0	\$58.30	\$699.60	6.0	\$58.30	\$349.80	\$1,049.40
Pacific Lifter (Rental)	0.5	\$1,391.67	\$695.84				\$695.84
			\$0.00				\$0.00
			\$0.00				\$0.00
			\$0.00				\$0.00
TOTALS:	24.5		\$1,486.28	12.0		\$365.22	\$1,851.50

MARKUP @: 10.0% \$185.15
SUBTOTAL: \$2,036.64

SUBCONTRACTOR & MATERIAL INVOICING

NAME	DESCRIPTION	Work Impacted	TOTAL
Welding Consumables	Additional welding materials for rewelding pile splice fitup		\$560.00
TOTALS:			\$560.00

MARKUP @: 10.0% \$56.00
SUBTOTAL: \$616.00



SUMMARY OF COSTS

	Cost		Markup		Totals
LABOR:	\$4,252.46	+	\$637.87	=	\$4,890.33
EQUIP:	\$1,851.50	+	\$46.00	=	\$2,036.64
MATERIALS:	\$560.00	+	\$56.00	=	\$616.00
TOTALS:	\$6,663.96	+	\$739.87	=	\$7,403.83

This T&M sheet represents the direct cost associated with the activities on the date notated at the top of the sheet. Cumulative impact on project schedule and cost is not included within this breakdown and will be evaluated separately.

PPM Representative: _____
MOS Representative: _____

**Skagway Ore Peninsula Redevelopment
Pacific Pile and Marine Project No. 23009**

Date Work Performed: 1/22/2024

Description: Pile 8 out-of-roundness.

Identified issue and performed fitup of weld modification.

Phase Code: _____

	Craft Code	QUANTITY			UOM	NOTES
		RT	OT	DT		
LABOR		HR	HR	HR		
Oliver Keim		8	2			
Sean Donan		8	2			
Dan Westby		4				
Robert Kenyon		0.5				
	EQ #					
EQUIPMENT						
Welding Machine		10				
Splice Rollers		10				
Pacific Lifter		0.5				Pull apart and reset piles
	INVOICE	QTY	UNIT			
MATERIALS						
Welding Consumables		10	HR			
	INVOICE	QTY	UNIT			
SUBCONTRACTORS						
	INVOICE	QTY	UNIT			
SERVICES						

OWNER REPRESENTATIVE William Hernandez 2-4-2024
Date
PPM REPRESENTATIVE Shane Antinen 2-4-24
Date

Shane Hautanen

From: Ross Hunnicutt <ross.hunnicutt@kpff.com>
Sent: Monday, January 22, 2024 7:41 PM
To: Nicole Egli; Shane Hautanen
Cc: Dan Westby; Cameron Martin; William Hammac; Ed DeBroeck; Patrick Young; jadams qaservicesak.net
Subject: Skagway Pile 8 Roundness Splice Fit Up
Attachments: IMG_3825.jpeg; IMG_3824.jpeg; IMG_3819.jpeg; IMG_3818.jpeg



All,

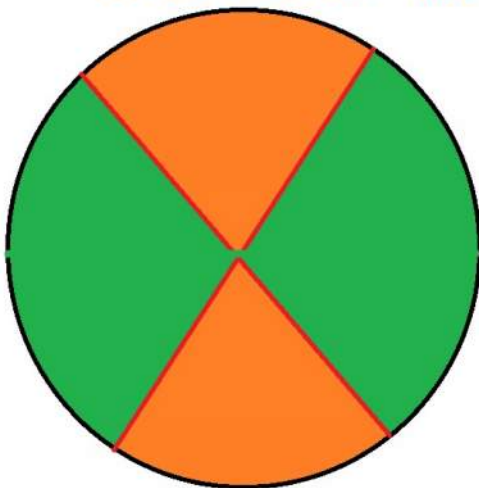
Today with Dan and Nicole there was a slight roundness issue observed with the fully coated section of Pile 8 that was discovered during splicing preparation and fit up.

Dan and Nicole notified me at approximately 11:30AM when trying to fit up the sections of pile after preparing the backing material for the CJP weld noted on Plan Sheet S9.01. The backing material did not fit inside of the noted pile section with a roundness issue when PPM attempted to prepare the splice.

Dan, Nicole, and I collected measurements of the pile diameter at several locations and noted there appears to be a minor diameter discrepancy in about $\frac{1}{4}$ of the pile's cross section. The pile is slightly smaller than 40" inside diameter in this area as best measured in the sketch below.

This backing material fit up will require some rework by PPM, and we will plan to verify the root weld if possible with our welding inspector during continuous visual inspection.

~39 1/2" to 39 3/4" I.D.



40" Inside Diameter

Respectfully,



Ross Hunnicutt

Construction Project Manager

O 206.382.0600 **D** 206.576.0613

1601 Fifth Avenue, Suite 1300

Seattle, WA 98101



Date: January 31st, 2023

To: Shane Hautanen, Deputy Project Manager
Pacific Pile & Marine

Subject: Skagway Ore Peninsula Redevelopment Project
Field Order 05 – Upland Slab Existing Condition Survey

Shane,

This Field Order is provided to Pacific Pile and Marine (PPM) as written direction to perform survey collection of the existing elevations at the survey points shown in the attached field sketch.

PPM is authorized to proceed in survey data collection on a Time and Materials (T&M) basis as outlined in the contract documents at a not to exceed value of \$4,000. Please coordinate the T&M work execution with the on-site inspector.

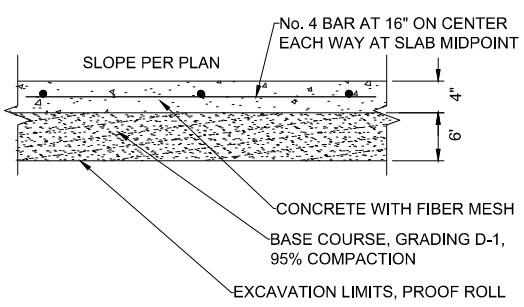
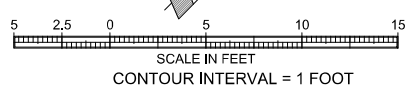
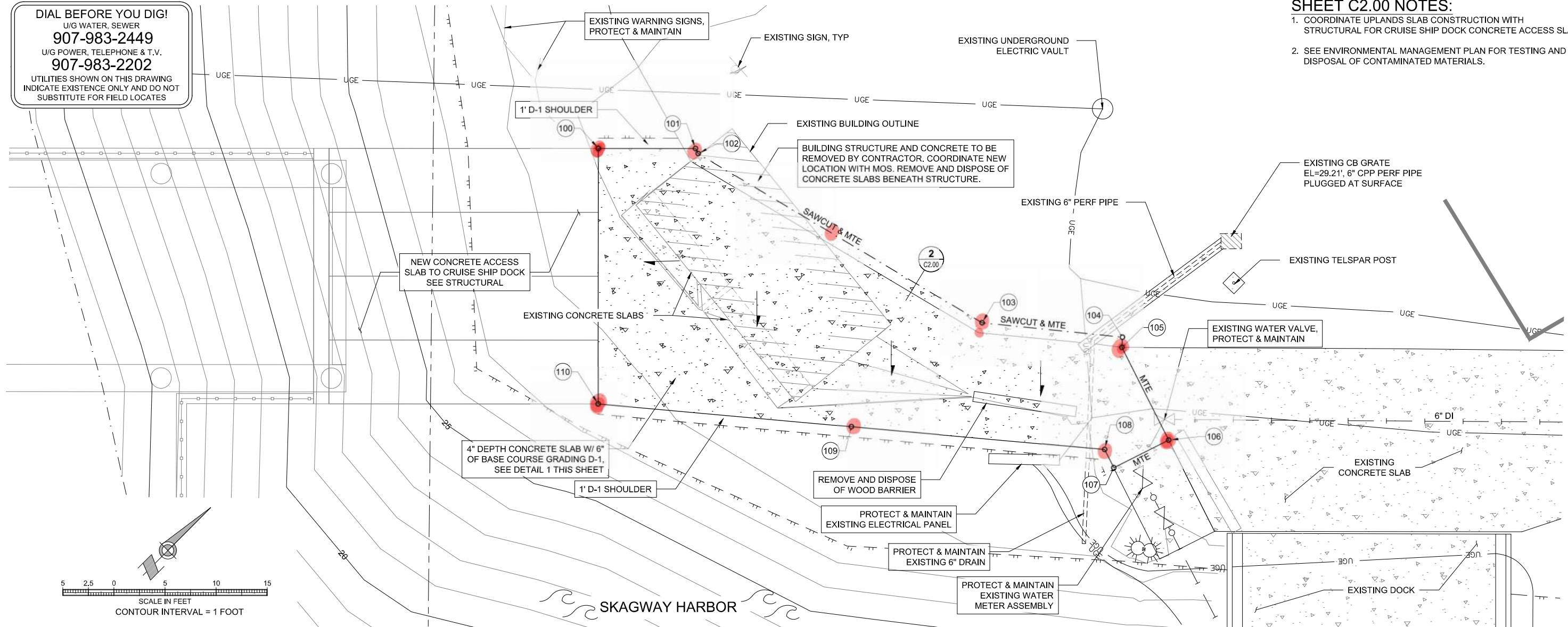
Sincerely,

Ross Hunnicutt
Construction Project Manager, KPFF

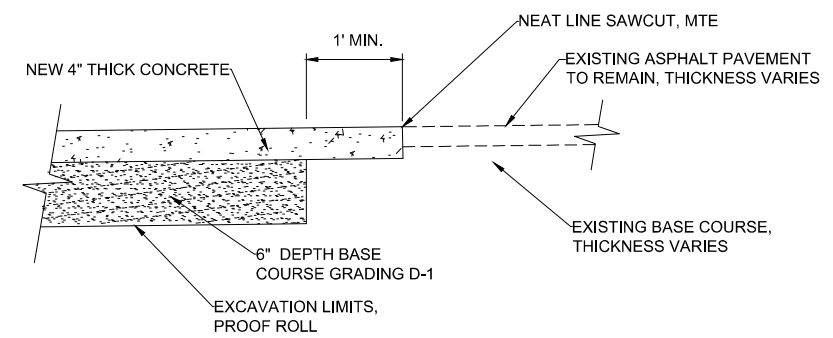


DIAL BEFORE YOU DIG!
 U/G WATER, SEWER
907-983-2449
 U/G POWER, TELEPHONE & T.V.
907-983-2202
 UTILITIES SHOWN ON THIS DRAWING
 INDICATE EXISTENCE ONLY AND DO NOT
 SUBSTITUTE FOR FIELD LOCATES

SHEET C2.00 NOTES:
 1. COORDINATE UPLANDS SLAB CONSTRUCTION WITH STRUCTURAL FOR CRUISE SHIP DOCK CONCRETE ACCESS SLAB.
 2. SEE ENVIRONMENTAL MANAGEMENT PLAN FOR TESTING AND DISPOSAL OF CONTAMINATED MATERIALS.



1 CONCRETE SLAB SECTION
 C2.00 SCALE: NTS



NOTE:
 FINAL SAWCUT OF EXISTING PAVEMENT SHALL NOT BE MADE UNTIL 24 HOURS PRIOR TO FINAL PAVING.

2 PAVEMENT MATCH JOINT DETAIL
 C2.00 SCALE: NTS

GRADE POINT SUMMARY TABLE				
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	2785809.95	2376319.41	29.00	TOC
101	2785816.55	2376326.24	29.02	TOC/MTE
102	2785816.39	2376326.78	29.02	TOC/MTE
103	2785823.83	2376358.23	29.11	TOC/MTE
104	2785832.37	2376369.08	29.17	TOC/MTE
105	2785831.62	2376369.74	29.17	TOC/MTE
106	2785828.29	2376379.33	29.32	TOC/MTE
107	2785822.62	2376377.36	29.11	TOC/MTE
108	2785823.27	2376375.47	29.07	TOC
109	2785807.63	2376356.14	28.78	TOC
110	2785791.99	2376336.80	29.00	TOC

ABBREVIATIONS
 MTE MATCH TO EXISTING
 TOC TOP OF CONCRETE

Plotted: Aug 04, 2023 - 3:07pm Micki.Mirsch Layout: 21
 N:\Projects\0849.22001-KPFF_SG_C2001\inst\0849.22001 - R1.dwg



Juneau, AK
 9109 Mendenhall Mall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.780.6060
 Fax: 907.586.3771
 AECC163270



NO.	DATE	BY	REVISION



ORE PENINSULA REDEVELOPMENT
SKAGWAY, ALASKA
UPLAND CIVIL SITE PLAN

DRAWN: MSM	PROJECT NO.: 10849.22001
DESIGN: MSM	SCALE: AS SHOWN
CHECKED: JMP	DATE: 08/04/2023
DRAWING NO.	C2.00
SHEET NO.	1 OF 1

CONSTRUCTION SET

PCO 031 - Designer Directed
Survey to support design
changes to concrete slab at
Cruise Dock Trestle
Approach

Recommended for Payment
by KPFF

Ore Peninsula Redevelopment Project

OWNER: Municipality of Skagway
DESC: PCO 031 - Upland Slab Survey

START DATE: February 13, 2024
FINISH DATE: February 13, 2024

COST SUMMARY

DESCRIPTION OF WORK	COST TYPE	QUANT.	UNITS	UNIT RATE	LABOR (LAB)	SUPPLIES (SUP)	PPM EQUIP (PPM)	RENT EQUIP (RENT)	SUBCONT (SUB)	PERM MAT'L (PM)
<u>Pacific Pile & Marine</u>										
Labor	LAB	1.0	LS	\$96.94	\$97					
Equipment-Owned	PPM	4.0	HR	\$100.00			\$400			
Equipment-Rental	RENT	1.0	HR	\$150.00				\$150		
<u>Blue Arrow Survey</u>										
Labor	SUB	4.0	HR	\$155.00					\$620	
SUBTOTALS:					LABOR	SUPPLIES	PPM EQUIP	RENT EQUIP	SUBS	PERM MATERIAL
					\$96.94	\$0.00	\$400.00	\$150.00	\$620.00	\$0.00
Taxes @: 0.00%										
OH and Fee					15.0%		10.0%		10.0%	
Markup Totals					\$14.54	\$0.00	\$40.00	\$0.00	\$62.00	\$0.00
ITEM TOTALS					\$111.48	\$0.00	\$440.00	\$150.00	\$682.00	\$0.00

TOTAL AMOUNT	\$1,383.48
<u>Bond</u>	<u>1.0%</u> \$13.83
SUBTOTAL	\$1,397.32
GRAND TOTAL	\$1,397.32

**Skagway Ore Peninsula Redevelopment
Pacific Pile and Marine Project No. 23009**

Date Work Performed: 2/13/2024

Description: PCO 031 - Upland Survey Points

Collect and process survey points. Move Hamilton equipment as needed for point collection.

Phase Code: _____

Craft Code	QUANTITY			UOM	NOTES
	RT	OT	DT		
LABOR					
	HR	HR	HR		
Cecil Magone	1				
	EQ #				
EQUIPMENT					
Survey Equipment	Owned	4			
Hyster 60 Ton	Rent	1			
	INVOICE	QTY	UNIT		
MATERIALS					
	INVOICE	QTY	UNIT		
SUBCONTRACTORS					
Blue Arrow Survey		4	HR		
	INVOICE	QTY	UNIT		
SERVICES					

OWNER REPRESENTATIVE

W Hammer

2-13-24

PPM REPRESENTATIVE

Share Hawken

Date

2-13-24

Date



Date: February 1, 2024

To: Shane Hautanen, Deputy Project Manager
Pacific Pile & Marine

Subject: Skagway Ore Peninsula Redevelopment Project
Field Order 06 – Pile 11 Splicing and Field Splice

Shane,

This Field Order is provided to Pacific Pile and Marine (PPM) as written direction to perform the following work:

- Splice and coat two 42" pieces (14'-6" and 11'-5.5") of cutoff piling together. PPM is authorized to proceed in pile splicing on a Time and Materials (T&M) basis at a not to exceed value of \$29,770.79.
- Perform a Field Splice of the 42" pile section at Contract Pile 11 noted in the plans. This item will be measured and paid per Force Account bid item #35 at a cost of \$29,770.79.

Please coordinate the T&M work execution with the on-site inspector.

Respectfully,

Ross Hunnicutt
Construction Project Manager, KPFF



PCO 033 - Twenty Five feet
of additional overdrive length
of 42" pile spliced to Dolphin
2 Pile 11 to obtain design
capacity.

Recommended for Payment
by KPFF

Ore Peninsula Redevelopment Project

OWNER: Municipality of Skagway
DESC: PCO 033 - Dolphin 2 Pile 11 Section Splicing - R1

START DATE: February 15, 2024
FINISH DATE: February 21, 2024

COST SUMMARY

DESCRIPTION OF WORK	COST TYPE	QUANT.	UNITS	UNIT RATE	LABOR (LAB)	SUPPLIES (SUP)	PPM EQUIP (PPM)	RENT EQUIP (RENT)	SUBCONT (SUB)	PERM MAT'L (PM)
Pacific Pile & Marine										
Labor	LAB	1.0	LS	\$13,077.62	\$13,078					
Equipment-Owned	PPM	1.0	LS	\$6,514.54			\$6,515			
Equipment-Rental	RENT	1.0	LS	\$1,265.31				\$1,265		
Materials	PM	1.0	LS	\$1,232.00						\$1,232
DAMA										
Splice Coating Subcontractor	SUB	1.0	DAY	\$2,500.00					\$2,500	
SUBTOTALS:					LABOR	SUPPLIES	PPM EQUIP	RENT EQUIP	SUBS	PERM MATERIAL
					\$13,077.62	\$0.00	\$6,514.54	\$1,265.31	\$2,500.00	\$1,232.00
Taxes @: 0.00%										
OH and Fee					15.0%	10.0%	10.0%	10.0%	10.0%	10.0%
Markup Totals					\$1,961.64	\$0.00	\$651.45	\$126.53	\$250.00	\$123.20
ITEM TOTALS					\$15,039.26	\$0.00	\$7,165.99	\$1,391.84	\$2,750.00	\$1,355.20
TOTAL AMOUNT										\$27,702.30
Bond										1.0% \$277.02
SUBTOTAL										\$27,979.32
GRAND TOTAL										\$27,979.32

Force Account Worksheet- Salvage Handrail

Work Affected: 2/18/24 - Weld cutoff sections

Date: 2/18/2024

FA Submittal No. PCO 033 - Dolphin 2 Pile 11 Pile Section Splicing

LABOR

EMPLOYEE NAME	CLASS	PER DIEM	HRS	RATE	COST
Oliver Keim	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Oliver Keim (OT)	PD Journeyman Welder	\$109.16	10.0	\$108.86	\$1,197.76
Sean Donan	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Sean Donan (OT)	PD Journeyman Welder	\$109.16	10.0	\$108.86	\$1,197.76
Dan Westby	PD Superintendent II	\$0.00	0.0	\$112.38	\$0.00
Dan Westby (OT)	PD Superintendent II	\$17.00	1.0	\$154.14	\$171.14
Robert Kenyon	OE Superintendent II	\$0.00	0.0	\$111.36	\$0.00
Robert Kenyon (OT)	OE Superintendent II	\$0.00	0.0	\$153.38	\$0.00
Clare Powers	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Clare Powers (OT)	PD Journeyman Welder	\$0.00	0.0	\$108.86	\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
TOTALS:		\$0.00	0.0		\$2,566.66

Rate Description:

Labor Clarifications

Craft Labor classifications per certified payroll.
Staff labor classifications are fully burdened.
Per diem costs (housing and meals) are \$130.99/day prorated per a 12 hour working day.
Labor rates are fully burdened costs (Base rate + tax + union contributions + Workers compensation).
Straight/Overtime/Doubletime rates included as applicable to the day (weekday/weekend/holiday) and time of day of work performed.

Equipment Clarifications

Owned equipment rates per Rental Rate Blue Book - Alaska South region adjustment.

Markups per 00 72 00 11.4.A. of the Contract.

\$2,566.66

MARKUP @: 15% \$385.00
SUBTOTAL: \$2,951.66

EQUIPMENT

EQUIP. DESCRIPTION	WORKING TIME			STANDBY TIME			TOTAL
	HRS	RATE	COST	HRS	RATE	COST	
Welding Machine	20.0	\$7.57	\$151.40			\$0.00	\$151.40
Splice Rollers (Rental)	10.0	\$58.30	\$583.00			\$0.00	\$583.00
Pacific Lifter (Rental)	0.0	\$1,391.67	\$0.00			\$0.00	\$0.00
16' Work Skiff	0.0		\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
TOTALS:	30.0		\$734.40	0.0		\$0.00	\$734.40

MARKUP @: 10.0% \$73.44
SUBTOTAL: \$807.84

SUBCONTRACTOR & MATERIAL INVOICING

NAME	DESCRIPTION	Work Impacted	TOTAL
Welding Consumables	20 HR at \$14/hr		\$280.00
TOTALS:			\$280.00

MARKUP @: 10.0% \$28.00
SUBTOTAL: \$308.00



SUMMARY OF COSTS					
Cost	Markup			Totals	
LABOR:	\$2,566.66	+	\$385.00	=	\$2,951.66
EQUIP:	\$734.40	+	\$73.44	=	\$807.84
MATERIALS:	\$280.00	+	\$28.00	=	\$308.00
TOTALS:	\$3,581.06	+	\$486.44	=	\$4,067.50

This T&M sheet represents the direct cost associated with the activities on the date notated at the top of the sheet. Cumulative impact on project schedule and cost is not included within this breakdown and will be evaluated separately.

PPM Representative: _____
MOS Representative: _____

Municipality of Skagway
Ore Peninsula Redevelopment Project

Force Account Worksheet- Salvage Handrail

Work Affected: 2/19/24 - Weld cutoff sections. UT inspection.

Date: 2/19/2024

FA Submittal No. PCO 033 - Dolphin 2 Pile 11 Pile Section Splicing

LABOR

EMPLOYEE NAME	CLASS	PER DIEM	HRS	RATE	COST
Oliver Keim	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Oliver Keim (DT)	PD Journeyman Welder	\$109.16	10.0	\$135.70	\$1,466.16
Sean Donan	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Sean Donan (DT)	PD Journeyman Welder	\$109.16	10.0	\$135.70	\$1,466.16
Dan Westby	PD Superintendent II	\$0.00	0.0	\$112.38	\$0.00
Dan Westby (DT)	PD Superintendent II	\$17.00	1.0	\$195.41	\$212.41
Robert Kenyon	OE Superintendent II	\$0.00	0.0	\$111.36	\$0.00
Robert Kenyon (OT)	OE Superintendent II	\$0.00	0.0	\$153.38	\$0.00
Clare Powers	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Clare Powers (OT)	PD Journeyman Welder	\$0.00	0.0	\$108.86	\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
TOTALS:		\$0.00	0.0		\$3,144.73

Rate Description:

Labor Clarifications
 Craft Labor classifications per certified payroll.
 Staff labor classifications are fully burdened.
 Per diem costs (housing and meals) are \$130.99/day prorated per a 12 hour working day.
 Labor rates are fully burdened costs (Base rate + tax + union contributions + Workers compensation).
 Straight/Overtime/Doubletime rates included as applicable to the day (weekday/weekend/holiday) and time of day of work performed.

Equipment Clarifications
 Owned equipment rates per Rental Rate Blue Book - Alaska South region adjustment.

Markups per 00 72 00 11.4.A. of the Contract.

		\$3,144.73
MARKUP @:	15%	\$471.71
SUBTOTAL:		\$3,616.44

EQUIPMENT

EQUIP. DESCRIPTION	WORKING TIME			STANDBY TIME			TOTAL
	HRS	RATE	COST	HRS	RATE	COST	
Welding Machine	20.0	\$7.57	\$151.40			\$0.00	\$151.40
Splice Rollers (Rental)	10.0	\$58.30	\$583.00			\$0.00	\$583.00
Pacific Lifter (Rental)	0.0	\$1,391.67	\$0.00			\$0.00	\$0.00
16' Work Skiff	0.0		\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
TOTALS:	30.0		\$734.40	0.0		\$0.00	\$734.40

MARKUP @:	10.0%	\$73.44
SUBTOTAL:		\$807.84

SUBCONTRACTOR & MATERIAL INVOICING

NAME	DESCRIPTION	Work Impacted	TOTAL
Welding Consumables	20 HR at \$14/hr		\$280.00
TOTALS:			\$280.00

MARKUP @:	10.0%	\$28.00
SUBTOTAL:		\$308.00



SUMMARY OF COSTS				
Cost		Markup		Totals
LABOR:	\$3,144.73	+	\$471.71	= \$3,616.44
EQUIP:	\$734.40	+	\$73.44	= \$807.84
MATERIALS:	\$280.00	+	\$28.00	= \$308.00
TOTALS:	\$4,159.13	+	\$573.15	= \$4,732.28

This T&M sheet represents the direct cost associated with the activities on the date notated at the top of the sheet. Cumulative impact on project schedule and cost is not included within this breakdown and will be evaluated separately.

PPM Representative: _____
 MOS Representative: _____

Municipality of Skagway
Ore Peninsula Redevelopment Project

Force Account Worksheet- Salvage Handrail

Work Affected: 2/20/24 - Weld cutoff sections. UT inspection.

Date: 2/20/2024

FA Submittal No. PCO 033 - Dolphin 2 Pile 11 Pile Section Splicing

LABOR

EMPLOYEE NAME	CLASS	PER DIEM	HRS	RATE	COST
Oliver Keim	PD Journeyman Welder	\$87.33	8.0	\$82.02	\$743.49
Oliver Keim (OT)	PD Journeyman Welder	\$21.83	2.0	\$135.70	\$293.23
Sean Donan	PD Journeyman Welder	\$87.33	8.0	\$82.02	\$743.49
Sean Donan (OT)	PD Journeyman Welder	\$21.83	2.0	\$135.70	\$293.23
Dan Westby	PD Superintendent II	\$17.00	1.0	\$112.38	\$129.38
Dan Westby (OT)	PD Superintendent II	\$0.00	0.0	\$195.41	\$0.00
Robert Kenyon	OE Superintendent II	\$0.00	0.0	\$111.36	\$0.00
Robert Kenyon (OT)	OE Superintendent II	\$0.00	0.0	\$153.38	\$0.00
Clare Powers	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Clare Powers (OT)	PD Journeyman Welder	\$0.00	0.0	\$108.86	\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
TOTALS:		\$0.00	0.0		\$2,202.82

Rate Description:

Labor Clarifications
 Craft Labor classifications per certified payroll.
 Staff labor classifications are fully burdened.
 Per diem costs (housing and meals) are \$130.99/day prorated per a 12 hour working day.
 Labor rates are fully burdened costs (Base rate + tax + union contributions + Workers compensation).
 Straight/Overtime/Doubletime rates included as applicable to the day (weekday/weekend/holiday) and time of day of work performed.

Equipment Clarifications
 Owned equipment rates per Rental Rate Blue Book - Alaska South region adjustment.
 Markups per 00 72 00 11.4.A. of the Contract.

\$2,202.82

MARKUP @: 15% \$330.42
 SUBTOTAL: \$2,533.24

EQUIPMENT

EQUIP. DESCRIPTION	WORKING TIME			STANDBY TIME			TOTAL
	HRS	RATE	COST	HRS	RATE	COST	
Welding Machine	20.0	\$7.57	\$151.40			\$0.00	\$151.40
Splice Rollers (Rental)	10.0	\$58.30	\$583.00			\$0.00	\$583.00
Pacific Lifter (Rental)	0.0	\$1,391.67	\$0.00			\$0.00	\$0.00
16' Work Skiff	0.0		\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
			\$0.00			\$0.00	\$0.00
TOTALS:	30.0		\$734.40	0.0		\$0.00	\$734.40

MARKUP @: 10.0% \$73.44
 SUBTOTAL: \$807.84

SUBCONTRACTOR & MATERIAL INVOICING

NAME	DESCRIPTION	Work Impacted	TOTAL
Welding Consumables	20 HR at \$14/hr		\$280.00
TOTALS:			\$280.00

MARKUP @: 10.0% \$28.00
 SUBTOTAL: \$308.00



SUMMARY OF COSTS				
Cost		Markup		Totals
LABOR:	\$2,202.82	+	\$330.42	= \$2,533.24
EQUIP:	\$734.40	+	\$73.44	= \$807.84
MATERIALS:	\$280.00	+	\$28.00	= \$308.00
TOTALS:	\$3,217.22	+	\$431.86	= \$3,649.08

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PPM Representative: _____
 MOS Representative: _____

Municipality of Skagway
Ore Peninsula Redevelopment Project

Force Account Worksheet- Salvage Handrail

Work Affected: 2/21/24 - Coat cutoff section splice

Date: 2/21/2024

FA Submittal No. PCO 033 - Dolphin 2 Pile 11 Pile Section Splicing

LABOR

EMPLOYEE NAME	CLASS	PER DIEM	HRS	RATE	COST
Oliver Keim	PD Journeyman Welder	\$21.83	2.0	\$82.02	\$185.87
Oliver Keim (OT)	PD Journeyman Welder	\$0.00	0.0	\$108.86	\$0.00
Sean Donan	PD Journeyman Welder	\$21.83	2.0	\$82.02	\$185.87
Sean Donan (OT)	PD Journeyman Welder	\$0.00	0.0	\$108.86	\$0.00
Dan Westby	PD Superintendent II	\$17.00	1.0	\$112.38	\$129.38
Dan Westby (OT)	PD Superintendent II	\$0.00	0.0	\$154.14	\$0.00
Robert Kenyon	OE Superintendent II	\$0.00	0.0	\$111.36	\$0.00
Robert Kenyon (OT)	OE Superintendent II	\$0.00	0.0	\$153.38	\$0.00
Clare Powers	PD Journeyman Welder	\$0.00	0.0	\$82.02	\$0.00
Clare Powers (OT)	PD Journeyman Welder	\$0.00	0.0	\$108.86	\$0.00
Levi Robison	OE Foreman	\$7.92	1.0	\$90.75	\$98.67
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
TOTALS:		\$0.00	0.0		\$599.79

Rate Description:

Labor Clarifications
 Craft Labor classifications per certified payroll.
 Staff labor classifications are fully burdened.
 Per diem costs (housing and meals) are \$130.99/day prorated per a 12 hour working day.
 Labor rates are fully burdened costs (Base rate + tax + union contributions + Workers compensation).
 Straight/Overtime/Doubletime rates included as applicable to the day (weekday/weekend/holiday) and time of day of work performed.

Equipment Clarifications
 Owned equipment rates per Rental Rate Blue Book - Alaska South region adjustment.
 Markups per 00 72 00 11.4.A. of the Contract.

\$599.79

MARKUP @: 15% \$89.97
 SUBTOTAL: \$689.76

EQUIPMENT

EQUIP. DESCRIPTION	WORKING TIME			STANDBY TIME			TOTAL
	HRS	RATE	COST	HRS	RATE	COST	
Welding Machine	0.0	\$7.57	\$0.00			\$0.00	\$0.00
Splice Rollers (Rental)	10.0	\$58.30	\$583.00			\$0.00	\$583.00
Pacific Lifter (Rental)	0.0	\$1,391.67	\$0.00			\$0.00	\$0.00
16' Work Skiff	1.0	\$20.50	\$20.50				\$20.50
American 9299 Crane	1.0	\$497.59	\$497.59				\$497.59
			\$0.00				\$0.00
TOTALS:	12.0		\$1,101.09	0.0		\$0.00	\$1,101.09

MARKUP @: 10.0% \$110.11
 SUBTOTAL: \$1,211.20

SUBCONTRACTOR & MATERIAL INVOICING

NAME	DESCRIPTION	Work Impacted	TOTAL
DAMA Industrial	Coat cutoff splice		\$2,500.00
TOTALS:			\$2,500.00

MARKUP @: 10.0% \$250.00
 SUBTOTAL: \$2,750.00



SUMMARY OF COSTS				
Cost		Markup		Totals
LABOR:	\$599.79	+	\$89.97	= \$689.76
EQUIP:	\$1,101.09	+	\$110.11	= \$1,211.20
MATERIALS:	\$2,500.00	+	\$250.00	= \$2,750.00
TOTALS:	\$4,200.88	+	\$450.08	= \$4,650.96

This T&M sheet represents the direct cost associated with the activities on the date notated at the top of the sheet. Cumulative impact on project schedule and cost is not included within this breakdown and will be evaluated separately.

PPM Representative: _____
 MOS Representative: _____

Date	Invoice #
10/31/2023	1056

Bill To
Pacific Pile & Marine 700 S Riverside Dr Seattle WA 98108

Ship To

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Net 30		10/31/2023			

Quantity	Item Code	Description	Price Each	Amount
1	Lifter Rental	Lifter monthly rental, Oct 2023 Skagway, AK Non Taxable - Out of State	375,000.00	375,000.00
			0.00%	0.00
		<p>Daily Rental Cost: \$12,500</p> <p>Hourly Rental Cost: (\$12,500/12) = \$1041.67/hr</p> <p>Daily Operating Cost: \$4,200</p> <p>Hourly Operating Cost: (\$4200/12) = \$350/hr</p> <p>Total Operating Rate (Rental + Operating Cost) = \$1391.67/hr</p>		

			Total	\$375,000.00
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INVOICE:

Order Number:
Customer ID:
Invoice Date:
PO Number:

SI100328911

SO100119795
C100020115
07-JAN-24
30529

INVOICE AMOUNT:

\$20,967.00

Terms:
Due Date:
Payment Method:

Pay 30 days
06-FEB-24

Pacific Pile & Marine
700 S Riverside Dr
Seattle, WA 98108
USA

Please Remit Payment To:

Red-D-Arc Inc.
PO Box 734675
Dallas, TX 75373-4675
USA
Phone: 1-866-930-4448

Job Site Address:

295 Congress Way
Skagway, AK 99840
USA
Ship Via: HSF

Red-D-Arc Branch:

Red-D-Arc Inc.
11020 E Marginal Way S
Tukwila, WA 98168-1935
USA
Salesperson: Tim Curtis
Site Phone: 206-763-2072

Items Rented

Line	Equipment	Description	Qty	Minimum	Day	Week	4 Week	Amount
1	ATR-000825 (JT-KP08472)	60TRD 60 Ton Drive Turning Rolls Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)	1	\$1,221.00	\$489.00	\$1,221.00	\$3,052.00	\$3,052.00
2	ATR-000912 (JT-KP09561)	30TRD 30 Ton Drive Turning Rolls Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)	1	\$1,058.00	\$424.00	\$1,058.00	\$2,645.00	\$2,645.00
3	ATR-000134 (JT-KP06426I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
4	ATR-000466 (JT-KP06422I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
5	ATR-000517 (JT-KP06624I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
6	ATR-000518 (JT-KP06630I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
7	ATR-000520 (JT-KP06636I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
8	ATR-000628 (JT-KP07190I)	30TRI 30 Ton Idler Turning Rolls	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00



Items Rented

Line	Equipment	Description	Qty	Minimum	Day	Week	4 Week	Amount
Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)								
9	ATR-000648 (JT-KP07219I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)								
10	ATR-000649 (JT-KP07220I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)								
11	ATR-000650 (JT-KP07224I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)								
12	ATR-000745 (JT-KP07891I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)								
13	ATR-000771 (JT-KP08071I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
Billing Period 11-DEC-23 To 07-JAN-24 (28 Days)								
14	ATR-000774 (JT-KP08076I)	30TRI 30 Ton Idler Turning Rolls Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)	1	\$500.00	\$200.00	\$500.00	\$1,250.00	\$1,250.00
Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)								
15		PENDANTWA HAND PENDANT FOR WELD AUTOMATION Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)	1	\$30.00	\$0.00	\$30.00	\$90.00	\$90.00
16		PENDANTWA HAND PENDANT FOR WELD AUTOMATION Billing Period 11-DEC-23 To 28-DEC-23 (18 Days)	2	\$60.00	\$0.00	\$30.00	\$90.00	\$180.00
Rental Subtotal:								\$20,967.00



Tax Breakdown

Please Remit Payment To

Currency: USD

Red-D-Arc Inc.
PO Box 734675
Dallas, TX 75373-4675
USA
Phone: 1-866-930-4448

Invoice Subtotal:	\$20,967.00
Total Taxes:	\$0.00
TOTAL:	\$20,967.00

Visit cap.red-d-arc.com to sign up for access to your account online

Daily Rental Cost: \$698.90
Hourly Rental Cost: (\$698.90/12) = \$58.24