# ADDENDUM NUMBER 1 BIG PASCO INDUSTRIAL CENTER CONCRETE DOCK & RAMP REPAIRS PROJECT NO. E24-02 April 15, 2024

## Bids Due: 11:00 AM, April 18, 2024

- 1) It is contractors choice to form and pour wall infill areas as shown on plans. Or contractor can form and pour wall areas at end of docks or ramp in a way similar to Detail 2/S-02 with dowels, etc. Contractor can sawcut slab edge or old footing/dock supports at newly formed wall areas as they desire to be able to form up end walls to meet the desired design for retaining earth fill. Contractor shall add doweling into existing warehouse foundation walls at end of formed walls as well.
- 2) Add new drawing sheet S-001. This provides specification for concrete and grout.
- 3) Contractor will not be required to add any metal angles at dock/wall edges being poured.
- 4) Contractor may also have the option to form up endwall areas as shown on drawings and core drill through existing slabs for pumping grout into void areas as shown on drawings.

**NOTICE** is hereby given that this addendum must be signed and enclosed with the sealed bid for the Big Pasco Industrial Center Concrete Dock & Ramp Repairs as evidence that the bidder has familiarized himself with all changes incorporated herein.

Name of Bidder Company

Signature

Printed Name

Tracy Fries

Tracy Friesz Facilities Engineer

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND LOCAL RULES/STANDARDS OF GOVERNING AGENCIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN 2 ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND/OR SPECIFICATIONS
- STATEMENT OF ERRORS, AMBIGUITIES AND OMISSIONS: ANY 3 ERRORS, AMBIGUITIES, AND OMISSION IN DRAWINGS AND/OR SPECIFICATIONS SHALL BE REPORTED TO THE ENGINEER OF RECORD FOR CORRECTION BEFORE ANY PART OF THE WORK IS STARTED. SUBSTITUTION OR CHANGES WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING
- CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF SITE 4. CONDITIONS INSTALLATION STANDARDS AND CONSTRUCTION CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP FABRICATION AND/OR FIELD ERECTION. DISCREPANCIES BETWEEN SITE CONDITIONS AND THE CONSTRUCTION DRAWINGS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER. WORK DONE WITHOUT THE ENGINEERS APPROVAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL SPECIAL INSPECTION AND TESTING SHALL BE 5 PERFORMED BY AN INDEPENDENT INSPECTION AND TESTING AGENCY HIRED BY THE OWNER. CONTRACTOR TO COORDINATE WITH INSPECTION AND TESTING AGENCY FOR REQUIRED CONSTRUCTION INSPECTIONS AND MATERIAL TESTING
- THE STRUCTURAL INTEGRITY OF THIS STRUCTURE IS DESIGNED TO BE ATTAINED IN IT'S COMPLETED STATE. WHILE UNDER CONSTRUCTION, ALL TEMPORARY BRACING AND/OR SHORING REQUIRED TO MAINTAIN STABILITY PRIOR TO COMPLETION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING DESIGN AND INSTALLATION.
- THE DIMENSIONS, LOCATIONS, AND ELEVATIONS OF ANY EXISTING STRUCTURES WHICH RELATE TO OR INFLUENCES NEW CONSTRUCTION SHALL BE VERIFIED BY FIELD MEASUREMENT BY THE CONTRACTOR PRIOR TO PREPARATION AND SUBMISSION OF CHECKED SHOP DRAWINGS TO THE ENGINEER OF RECORD FOR REVIEW
- PROTECTION OF EXISTING STRUCTURES DURING THE COURSE OF THE CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- PRIOR TO DIGGING VERIFY LOCATION AND DEPTH OF UTILITIES AND OTHER UNDERGROUND INTERFERENCES CALL TWO BUSINESS DAYS BEFORE YOU DIG AT 811.
- 10. PLAN DIMENSIONS PROVIDED ARE TO FACE OF STUD.
- DESIGN CRITERIA (PER 2018 IBC AND ASCE 7-10, and per Local Jurisdiction having Authority)

## **GENERAL NOTES**

	1. VERTICAL LOAD	S:		6.	ALL DETAILING, FABRICATION AND PLACEMENT OF
	A. DEAD LOADS ROOF (FLAT B. SNOW LOAD	DEAD LOADS: ROOF (FLAT) SNOW LOADS (IBC 1608):	10 PSF		REQUIREMENTS OF THE ACI MANUAL OF STANDAR PRACTICE FOR DETAILING REINFORCED CONCRET STRUCTURES (ACI-SP-66).
	GROUND SN	OW LOAD	Pg=20		
	PSF UNIFORM RC PSF	OOF SNOW LOAD	Pm=20	7.	THE FOLLOWING MINIMUM CONCRETE COVER SHA PROVIDED FOR REINFORCEMENT: A. CONCRETE CAST AGAINST AND PERMANENTI EXPOSED TO FARTH: 3"
	SNOW EXPO SNOW LOAD THERMAL FA	SURE FACTOR: IMPORTANCE FACTOR: ACTOR:	Ce=1.0 Is=1.0 Ct=1.0		<ul> <li>B. CONCRETE EXPOSED TO EARTH OR WEATHE</li> <li>#6 THROUGH #18 BARS: 2"</li> <li>#5 BAR, W31 OR D31 WIRE AND SMALLER: 1 1/</li> <li>C. REINFORCING SHALL EXTEND TO THE END OF</li> </ul>
	2. LATERAL LOADS	S:			CONCRETE AND MAINTAIN THE COVER LISTE AT THE ENDS.
	A. WIND DESIG 2018) VELOCITY (3 110 MPH / V	N LOAD DATA: (PER ASCE 7-1 I-SECGUST) (ASD) = 85 MPH	0 AND IBC V (ULT) =	8.	ALL EXPOSED CORNERS OF CONCRETE SHALL BE INTO A 3/4" x 45 DEGREE CHAMFER, OR SCRIBED W CONCAVE TOOLING DEVICE UNLESS NOTED OTHEF
	EXPOSURE RISK CATEG INTERNAL PI	ORY RESSURE COEFFICIENT	C II ±0.18	9.	THOROUGHLY CLEAN FORMS AND ADJACENT SURI RECEIVE CONCRETE. REMOVE CHIPS, WOOD, SAW DIRT, OR ANY OTHER DEBRIS PRIOR TO CONCRETE
FOU	NDATIONS				PLACEMENT.
1.	FOUNDATION DESIGN BASED ON AN ALLOWABLE SOIL BEARING OF 2,000 PSF.			10.	CLEAN REINFORCING OF LOOSE RUST, MILL SCALE ANY OTHER FOREIGN MATERIAL. ACCURATELY PO SUPPORT AND SECURE REINFORCEMENT.
CON	ICRETE				
1.	CONCRETE SLABS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 3 DAYS. ALL OTHER CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.		MPRESSIVE CONCRETE GTH OF 3000	11.	PROPORTION AND DESIGN MIXES TO RESULT IN CO SLUMP AT POINT OF PLACEMENT NOT LESS THAN 3 NOT MORE THAN 5" PRIOR TO SUPERPLASTICIZER. OF WATER TO READY-MIX CONCRETE IN THE FIELD ALLOWED IF ON TRIP TICKET BEFORE DISCHARGE TESTING.
2.	CAST IN PLACE CONCRETE SHALL MEET THE FOLLOWING			12	DEPOSIT CONCRETE IN A CONTINUOUS OPERATION
	ACI 117 -	STANDARD SPECIFICATION TOLERANCES FOR CONCR	NS FOR ETE FRIALS	12.	THE PLACING OF CONCRETE IS COMPLETE. IF THE TO BE DISCONTINUOUS, CONTRACTOR SHALL USE CONSTRUCTION JOINTS, AS DETAILED ON THE DRA

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  - SPECIFICATIONS FOR STRUCTURAL ACI 301 -CONCRETE. ACI 302.1R -GUIDE FOR CONCRETE FLOOR AND SLAB 13. CONSTRUCTION.
  - ACI 305R -HOT WEATHER CONCRETING. ACI 306 R-COLD WEATHER CONCRETING.
- ALL CONCRETE USED IN HORIZONTAL SURFACES EXPOSED TO THE WEATHER SHALL CONTAIN AN ACCEPTABLE ADMIXTURE TO PRODUCE AIR-ENTRAINED CONCRETE WITH A TOTAL OF 4.5 PERCENT AIR CONTENT
- THE USE OF SUPER PLASTICIZERS AND WATER REDUCERS IS 4. ALLOWED, BUT NOT REQUIRED. ALL ADMIXTURES SHALL BE CHI ORIDE EREE
- ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED 5 BARS COMPLYING WITH ASTM SECTION A615, REINFORCING STEEL WHICH IS INDICATED ON THE PLANS AS BEING WELDED SHALL COMPLY WITH ASTM A706, AND SHALL ALSO BE DEFORMED. WELDING OF REINFORCING BARS SHALL BE PER AWS D1.4.

- FORCING STEEL SHALL COMPLY WITH THE UIREMENTS OF THE ACI MANUAL OF STANDARD CTICE FOR DETAILING REINFORCED CONCRETE UCTURES (ACI-SP-66). 2. FOLLOWING MINIMUM CONCRETE COVER SHALL BE VIDED FOR REINFORCEMENT: CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3" CONCRETE EXPOSED TO EARTH OR WEATHER: 3 #6 THROUGH #18 BARS: 2" #5 BAR, W31 OR D31 WIRE AND SMALLER: 1 1/2" REINFORCING SHALL EXTEND TO THE END OF THE CONCRETE AND MAINTAIN THE COVER LISTED ABOVE AT THE ENDS. 4. EXPOSED CORNERS OF CONCRETE SHALL BE FORMED O A 3/4" x 45 DEGREE CHAMEER OR SCRIBED WITH A CAVE TOOLING DEVICE UNLESS NOTED OTHERWISE ROUGHLY CLEAN FORMS AND ADJACENT SURFACES TO EIVE CONCRETE. REMOVE CHIPS, WOOD, SAWDUST, OR ANY OTHER DEBRIS PRIOR TO CONCRETE CEMENT AN REINFORCING OF LOOSE RUST, MILL SCALE, DIRT, OR OTHER FOREIGN MATERIAL. ACCURATELY POSITION, PORT AND SECURE REINFORCEMENT. 6 PORTION AND DESIGN MIXES TO RESULT IN CONCRETE MP AT POINT OF PLACEMENT NOT LESS THAN 3" AND MORE THAN 5" PRIOR TO SUPERPLASTICIZER ADDITION WATER TO READY-MIX CONCRETE IN THE FIELD SHALL BE OWED IF ON TRIP TICKET BEFORE DISCHARGE AND TING
- OSIT CONCRETE IN A CONTINUOUS OPERATION UNTIL PLACING OF CONCRETE IS COMPLETE. IF THE POUR IS BE DISCONTINUOUS, CONTRACTOR SHALL USE INSTRUCTION JOINTS. AS DETAILED ON THE DRAWINGS OR APPROVED BY THE ENGINEER
- REPAIR ALL SURFACE DEFECTS INCLUDING TIE HOLES, MINOR HONEYCOMBING AND OTHER VISUAL IRREGULARITIES WITH CEMENT MORTAR. MORTAR FOR PATCHING SHALL BE THE SAME COMPOSITION AS THAT USED IN THE CONCRETE PATCHING SHALL BE DONE AS SOON AS THE FORMS ARE REMOVED.

### FLOWABLE GROUT

CONTRACTOR TO PROVIDE PORT WITH MIX DESIGN SPECIFIC TO MEET PROJECT REQUIREMENTS FOR USE IN APPLICATIONS SHOWN ON DRAWINGS.

## STEEL

- STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS
  - A. ALL W & WT SHAPES SHALL CONFORM TO A992 (50 KSI) B. ALL PLATES, CHANNELS, ANGLES, BARS AND FLATS
  - SHALL CONFORM TO A36 (36 KSI) C. ALL HOLLOW STRUCTURAL SECTIONS (HSS) SHALL

CONFORM TO A500, GRADE B (46 KSI) (4 SHAPED & 42 KSI FOR ROUND) D. ALL STEEL PIPE SHALL CONFORM TO A53, GRADE B (35

- ALL DETAILING, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL COMPLY WITH THE REQUIREMENTS OF THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
- ALL FIELD CONNECTIONS SHALL BE MADE WITH 3/4" DIAMETER HIGH STRENGTH BOLTS (A325) UNLESS OTHERWISE NOTED ON THE DRAWING. THE MINIMUM NUMBER OF BOLTS PER CONNECTION SHALL BE TWO (2). BOLTED CONNECTIONS SHALL BE "SNUG TIGHT"
- ERECTION AND FABRICATION SHOP DRAWINGS FOR STRUCTURAL STEEL, JOISTS, AND JOIST GIRDERS WILL BE REVIEWED BY THE ENGINEER OF RECORD PRIOR TO COMMENCING FABRICATION ALL DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO BEING SUBMITTED FOR THE ENGINEER OF RECORD'S REVIEW.
- BOLT HOLES SHALL BE BOLT DIAMETER + 1/16". BOLT END AND EDGE DISTANCES AND BOLT LENGTHS SHALL BE PER AISC, UNLESS NOTED OTHERWISE. BASE PLATE BOLT HOLES MAY BE OVERSIZED BY 1/8"
- ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND PROCEDURES OF THE AMERICAN WELDING SOCIETY BY AWS CERTIFIED WELDERS AND SHALL CONFORM TO AWS D1.1:2010. WELDERS PERFORMING THE WORK SHALL HAVE BEEN RE-TESTED WITHIN 6 MONTHS PRIOR TO THE START OF STEEL FABRICATION. WELDING FOR STRUCTURAL STEEL SHALL BE MADE WITH E70XX LOW HYDROGEN ELECTRODES. WELDING FOR ATTACHING STEEL DECKING MAY BE MADE WITH E60 ELECTRODES
- FIELD WELDING SYMBOLS HAVE NOT NECESSARILY BEEN INDICATED ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE USE OF SHOP AND FIELD WELDING
- HOLES SHALL NOT BE CUT THROUGH BEAMS UNLESS 8. INDICATED OR PRE-APPROVED BY THE ENGINEER OF RECORD IN WRITING.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL EXPOSED TO 9 WEATHER SHALL BE HOT DIP GALVANIZED AFTER FABRICATION
- PAINT ALL FERROUS METALS FOR EXTERIOR EXPOSURE. 10

### TIMBER

- SEE IBC FASTENING SCHEDULE (TABLE 2304.10.1) FOR GENERAL FRAMING NAILING REQUIREMENTS AND REFER TO FRAMING NAIL SCHEDULE PROVIDED FOR NAIL REQUIREMENTS
- 2. TIMBER MATERIALS SHALL CONFORM TO THE FOLLOWING GRADES UNLESS NOTED OTHERWISE A. WALL STUDS, TOP PLATES, BOTTOM PLATES, BEAMS COLUMNS, AND MISCELLANEOUS LIGHT FRAMING SHALL BE DOUGLAS FIR-LARCH #2 OR BETTER

C/C CENTE DIA DIAME (E) EXISTI HSS HOLLO TYP TYPIC	ER TO CENTER ETER ING DW STRUCTURAL SECTION IAL				
ABBREVI	ATIONS				
PORT OF PASCO 1110 Osprey Pointe Blvd Suite 201 Pasco, WA 99301	BPIC-C	PORT OF PASCO ONCRETE DOCK AND RAMP REPAIRS VARIOUS LOCATIONS PASCO, WA	DRAWN DESIGN CHECKED APPROVED	APPROVAL           TF         4/15/24           0	
P: 509.547.3378 F: 509.547.2547 www.portofpasco.org	ST	RUCTURAL GENERAL NOTES AND ABBREVIATIONS			

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B. GLULAM BEAMS (GLB) SHALL BE 24F-V4 DF/DF C. LAMINATED VENÈER LUMBER (LVL) SHALL BE WESTERN SPECIES, 1.8E, F<sub>b</sub>=2,600 PSI.

3. ALL NAILING REQUIREMENTS LISTED ARE BASED UPON THE USE OF COMMON WIRE NAILS (NOT SINKERS, BOX, ETC.) UNLESS NOTED OTHERWISE. ALTERNATIVE NAIL TYPES OF EQUIVALENT DIAMETERS MAY BE SUBSTITUTED, WITH PRIOR APPROVAL OF THE ENGINEER OF RECORD.

TIMBER CONNECTORS CALLED OUT BY LETTERS AND 4. NUMBERS SHALL BE BY SIMPSON STRONG-TIE COMPANY, AS SPECIFIED IN THE LATEST EDITION OF THEIR CATALOG PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY THE MANUFACTURER. SUBSTITUTION OF MANUFACTURED PRODUCT IS PERMITTED WITH WRITTEN APPROVAL OF THE ENGINEER OF RECORD.

ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD

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