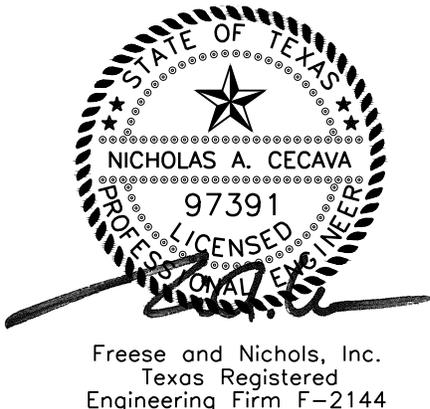


**00 91 01      ADDENDUM NUMBER 1**

<b>Project:</b> <u>Carancahua Bay Boat Ramp</u>	<b>Project Number:</b> <u>22-07</u>
<b>Owner:</b> <u>Jackson County</u>	
<b>Designer:</b> <u>Nicholas A. Cecava, P.E.</u>	<u>Freese and Nichols, Inc.</u>
<b>Addendum No.</b> <u>1</u> <b>Specification Section:</b> <u>00 91 01</u> <b>Issue Date:</b> <u>June 24, 2022</u>	
<b>Acknowledge receipt of this Addendum in Section 00 41 13 Bid Form submitted for this Project. Failure to acknowledge receipt of this addendum in the Bid Form may render the Bid as non-responsive and serve as the basis for rejecting the Bid.</b>	
Approved by:	
<u>Nicholas A. Cecava, P.E.</u>	<u>June 24, 2022</u>
<i>Name</i>	<i>Date</i>
Addendum Items:  <b><u>Article 1:</u></b> - Bidding Requirements – <b>(Attachment No. 1)</b>  <b><u>Article 2:</u></b> - Modifications to the Specifications – None  <b><u>Article 3:</u></b> - Modifications to the Drawings – <b>(Attachment No. 2)</b>  <b><u>Article 4:</u></b> - Clarifications – CivCast Questions and Answers	

**ARTICLE 1 – BIDDING REQUIREMENTS**

1.01    ACKNOWLEDGE ADDENDA

- A.    Acknowledge receipt of this Addendum in Section 00 41 13 Bid Form submitted for this Project. Failure to acknowledge receipt of this addendum in the Bid Form may render the Bid as non-responsive and serve as the basis for rejecting the Bid.
- B.    The following additions, deletions, modifications, or clarifications shall be made to the appropriate portions of the Contract Documents. Offerors must acknowledge receipt of this Addendum in the space provided on the Bid Form.

1.02    MODIFICATIONS TO THE BID FORM EXHIBIT A

- A.    Section 00 41 16, Bid Form Exhibit A:
  - 1.    **DELETE:**      Section 00 41 16, Bid Form Exhibit A in its entirety.
  - 2.    **ADD:**            Section 00 41 16, Bid Form Exhibit A **(Attachment No. 1)**

**ARTICLE 2 – MODIFICATIONS TO THE SPECIFICATIONS**

2.01 Modifications to the Specifications - None

**ARTICLE 3 - MODIFICATIONS TO THE DRAWINGS**

3.01 MODIFICATIONS TO THE DRAWINGS

A. DELETE the following drawings:

<b>Deleted Drawings</b>
SHEET G-2 – GENERAL NOTES, QUANTITIES AND LEGEND
SHEET C-1 – PARKING LOT STRIPING PLAN AND DETAILS
SHEET C-2 – SHEET PILE BULKHEAD IMPROVEMENTS
SHEET C-3 – SHEET PILE BULKHEAD IMPROVEMENT DETAILS
SHEET C-4 – PEDESTRIAN GUARDRAIL AND FENDER PLAN AND DETAILS

B. ADD the following drawings:

<b>Added Drawings</b>
SHEET G-2 – GENERAL NOTES, QUANTITIES AND LEGEND ( <b><u>Attachment No. 2</u></b> )
SHEET C-1 – PARKING LOT STRIPING PLAN AND DETAILS ( <b><u>Attachment No. 2</u></b> )
SHEET C-2 – SHEET PILE BULKHEAD IMPROVEMENTS ( <b><u>Attachment No. 2</u></b> )
SHEET C-3 – SHEET PILE BULKHEAD IMPROVEMENT DETAILS ( <b><u>Attachment No. 2</u></b> )
SHEET C-4 – PEDESTRIAN GUARDRAIL AND FENDER PLAN AND DETAILS ( <b><u>Attachment No. 2</u></b> )

**ARTICLE 4 – CLARIFICATIONS**

4.01 CIVCAST QUESTIONS AND ANSWERS

1. Question: How long are the AZ-27 sheet piling?

**Answer: Please refer to the sheet pile and cap elevations on Sheet C-2 and the typical section details on Sheet C-3**

2. Question: The specified sheet pile section, AZ27-800, is not available from stock and the current lead time for mill production in Europe is 4-6 months. Alternatively, NZ-28 is produced in the United States and has a significantly shorter lead time. Please advise if NZ-28 is acceptable as an alternate to AZ27-800.

**Answer: NZ-26 or NZ-28 are acceptable substitutions for AZ-27 Sheet Pile**

3. Question: Is "Buy America" applicable on this project?

**Answer: No**

4. Question: The Qualification Statement, Section 00 45 13, states the qualification statement must be submitted by the apparent low offeror with in 5 calendar days of the bid opening. The Agreement, Section 00 52 13, Paragraph 12.02, has the qualification statement listed as a bidding requirement. Please clarify if the qualification statement must be submitted with the procurement documents on the bid date or if it is only to be submitted after the lowest bidder is determined.

**Answer: The Qualifications Statement must be submitted by the apparent low Offeror within 5 calendar days of the bid opening**

5. Question: Would you please post the Prebid Sign In Sheet?

**Answer: The County does not document attendees for non-mandatory pre-bid conferences**

6. Question: Would the ESZ 26-700 steel sheet pile section be an acceptable alternate to the AZ 27-800?

**Answer: Yes, if it conforms to the requirements of ASTM A572 (Grade 50 or greater)**

7. Question: Are the powerlines going to be moved during construction or do we have to work around them?

**Answer: The overhead line serves an existing streetlight at the boat ramp. Contractor may temporarily relocate the overhead line during construction. The County will assist in coordinating with the electric provider as needed**

**END OF ADDENDUM NO. 1**

<b>Project:</b>	Carancahua Bay Boat Ramp		<b>Project No.:</b> 22-07		
<b>Owner:</b>	Jackson County, Texas				
<b>Design Professional:</b>	Freese and Nichols, Inc.				
<b>Offeror:</b>					
<b>Base Bid</b>					
Item No.	Item Description	Unit	Estimated Quantity	Unit Price	Extended Amount
<b>Items in Base Bid (excluding Allowances) per Section 01 29 01 "Measurement and Basis for Payment"</b>					
<b>Part A - General</b>					
A1	MOBILIZATION (MAX 5% )	LS	1		
A2	BONDS AND INSURANCE (MAX 2%)	LS	1		
A3	TRAFFIC CONTROL ITEMS (SIGNS, BARRICADES, ETC.)	MO	4		
A4	SILT FENCE FOR STORM WATER POLLUTION PREVENTION	LF	433		
<b>SUBTOTAL Part A - General</b>					
<b>Part B - Bulkhead Improvements</b>					
B1	DEMOLISH EXISTING TIMBER PILING AND BULKHEAD	LS	1		
B2	CAP AND PILE EXCAVATION	CY	63		
B3	AZ-27 SHEET PILE	SF	6,573		
B4	COAL TAR EPOXY ON BOTH SIDES OF SHEET PILE (2 COATS)	SF	6,442		
B5	CRUSHED STONE BACKFILL (AASHTO NO. 57)	CY	63		
B6	CONCRETE CAP (5,000 PSI)	CY	65		
B7	12" CAST ALUMINUM DOCK CLEAT ("S" TYPE)	EA	11		
B8	4' FA MOUNTED DOCK FENDER W/ 4"x4" PLASTIC BOARD & CAPS	EA	24		
<b>SUBTOTAL Part B - Bulkhead Improvements</b>					
<b>Part C - ADA Improvements</b>					
C1	DEMOLISH EXISTING CONCRETE ADA RAMP, SIGNS AND RAILING	LS	1		
C2	PAVEMENT MARKINGS - HANDICAP SYMBOL (W) WITH BACKGROUND (BLUE)	EA	2		
C3	PAVEMENT MARKINGS (W)(NO PARKING)	EA	2		
C4	FURNISH AND INSTALL HANDICAP PARKING SIGN AND SUPPORT ASSEMBLY	EA	2		
C5	6" THICK CONCRETE SIDEWALK (5,000 PSI)	SF	1,767		
C6	8" CRUSHED LIMESTONE SUBGRADE (TYPE A, GR. 1-2)	SY	280		
C7	PEDESTRIAN GUARDRAIL	LF	112		
<b>SUBTOTAL Part C - ADA Improvements</b>					
<b>Part D - Parking Lot Improvements</b>					
D1	PAVEMENT MARKING, TYPE 2, (W) (4")	LF	971		
D2	REMOVE AND REINSTALL CONCRETE BARRIERS	EA	7		
D3	FURNISH AND INSTALL TRASH RECEPTACLES	EA	2		
<b>SUBTOTAL Part D - Parking Lot Improvements</b>					
<b>Part E - Dredging Improvements</b>					
E1	DREDGING OF BOAT CHANNEL AND PLACEMENT OF DREDGE MATERIAL IN BENEFICIAL USE AREA	LS	1		
<b>SUBTOTAL Part E - Dredging Improvements</b>					
A	<b>Total Base Bid Items Amount (Sum of Extended Amounts for each Base Bid Line Item)</b>				\$ -
B	<b>Add (+) or Deduct (-) (See Note 1)</b>				
C	<b>Total Adjusted Base Bid Amount (A plus B)</b>				\$ -

Item No.	Item Description	Unit	Estimated Quantity	Unit Price	Extended Amount
<b>PART F - Allowances in Base Bid per Section 01 23 10 "Alternates and Allowances"</b>					
F1	ALLOWANCE FOR CONSTRUCTION MATERIALS TESTING	LS	1	\$8,000.00	\$8,000.00
F2	ALLOWANCE FOR UNANTICIPATED IMPROVEMENTS	LS	1	\$25,000.00	\$25,000.00
D	<b>Total Allowance Amount (Sum of Extended Amounts for Each Allowance Line Item)</b>				\$ 33,000.00
E	<b>Total Base Bid with Allowances (Sum of C and D)</b>				

**Contract Time**

L	Offeror agrees to reach Substantial Completion in	120	days
M	Offeror agrees to reach Final Completion in	150	days

Notes	
1	Provision is made for Offeror to include an addition or deduction in the Bid to reflect any last minute adjustments in price. The addition or deduction, if made, will be applied proportionately to the following Items:

<b>BID SUBMITTED BY:</b>	
<b>Offeror:</b>	
<b>Signature:</b>	
<b>Printed Name:</b>	
<b>Title:</b>	
<b>Date:</b>	

**GENERAL:**

- OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR THE MISDESCRIPTION OF DETAILS OF WORK WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISDESCRIBED DETAILS OF THE WORK, BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL CHECK ALL DRAWINGS AND SPECIFICATIONS FURNISHED TO HIM IMMEDIATELY UPON THEIR RECEIPT AND SHALL PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES. THE CONTRACTOR SHALL REVIEW ALL DRAWINGS AND VERIFY DIMENSIONS BEFORE LAYING OUT THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY.
- CONTRACTOR SHALL SPRINKLE FOR DUST CONTROL AS REQUIRED OR AS DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS SUBSIDIARY WORK.
- WORK HOURS: WORK HOURS ARE MONDAY THRU FRIDAY FROM SUNRISE TO SUNSET AND SATURDAY AND SUNDAY FROM 9AM TO SUNSET OR AS OTHERWISE AUTHORIZED BY JACKSON COUNTY.
- THE CONTRACTOR SHALL USE THE STORMWATER POLLUTION PREVENTION PLAN AND SHALL OBTAIN ALL PERMITS AND FULFILL ALL PERMIT REQUIREMENTS, INCLUDING FEES FOR TCEQ GENERAL PERMIT NO. TXR150000 RELATING TO DISCHARGES FROM CONSTRUCTION ACTIVITIES. TOTAL PROJECT AREA IS 2.0 ACRES. CONTRACTOR MUST SIGN AND POST A CONSTRUCTION SITE NOTICE (CSN) WITH SW3P INFORMATION ON OR NEAR THE SITE, ACCESSIBLE TO THE PUBLIC AND TCEQ, EPA OR OTHER INSPECTORS. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS SUBSIDIARY WORK.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VIDEO RECORD THE ENTIRE PROJECT SITE TO DOCUMENT EXISTING CONDITIONS AND SUBMIT TO THE ENGINEER.
- WHERE EXISTING ASPHALT AND CONCRETE ARE TO BE CUT, THESE CUTS SHALL BE VERTICAL AND MADE WITH A SAW.
- THE SITE SHALL BE CLEARED OF ALL TREES, STUMPS, BRUSH, VEGETATION, RUBBISH, AND OTHER OBJECTIONABLE MATTER AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE ENGINEER. TREE STUMPS AND ROOTS SHALL BE GRUBBED TO A MINIMUM DEPTH OF 2 FEET BELOW NATURAL GROUND. AREAS THAT UNDERLIE COMPACTED BACKFILL SHALL BE STRIPPED OF ALL VEGETATION, HUMUS, AND OTHER OBJECTIONABLE MATTER ENCOUNTERED WITHIN THE TOP (6) INCHES OF THE SOIL. ALL MATERIAL REMOVED FROM THE SITE UNDER THIS OPERATION SHALL BECOME THE CONTRACTOR'S RESPONSIBILITY. THE MATERIAL SHALL BE DISPOSED OF AT THE DISPOSAL SITE INDICATED ON THE DRAWINGS.

**MISCELLANEOUS**

- THE STORM WATER POLLUTION PREVENTION PLAN SHALL CONSIST OF USING THE BID ITEMS SEEDING, AND SILT FENCE AS SHOWN ON THE PLANS. ONCE INSTALLED, SILT FENCE SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE ACHIEVED AT LEAST 75% VEGETATIVE COVER. CONTRACTOR SHALL PROPERLY MAINTAIN STRUCTURAL B.M.P.S THROUGHOUT THE PROJECT DURATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING ALL LEGALLY REQUIRED PERMITS AND LICENSES, PAY ALL CHARGES AND FEES, GIVE ALL NOTICES NECESSARY AND INCIDENTAL TO THE DUE AND LAWFUL PROSECUTION OF THE WORK, AND ARRANGE FOR ALL INSPECTIONS, PER ARTICLE 6 OF THE GENERAL CONDITIONS "CONTRACTORS RESPONSIBILITIES".
- CONTRACTOR IS RESPONSIBLE TO KEEP STATE HIGHWAY 35 SWEEP AND MAINTAINED DURING THE CONSTRUCTION PHASE. ALL SEDIMENT OR OTHER DEBRIS THAT IS TRACKED ON SPILLED ONTO TXDOT ROW MUST BE REMOVED IMMEDIATELY.

**CONCRETE**

- CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITIONS OF ACI 318.
- ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS, UNLESS NOTED OTHERWISE, SHALL BE IN ACCORDANCE WITH THE ACI DETAILING MANUAL (ACI SP-66), LATEST EDITION.
- CONCRETE SHALL HAVE A MINIMUM 28-DAY SPECIFIED COMPRESSIVE STRENGTH OF 5000 PSI AND SHALL MEET REQUIREMENTS OF ACI EXPOSURE CLASS C2, WITH MAXIMUM WATER CEMENT RATIO OF 0.40 AND MAXIMUM WATER-SOLUBLE CHLORIDE ION CONTENT IN CONCRETE BY WIGHT OF CEMENT OF 0.15.
- ALL REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60, DEFORMED.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" INSIDE FORMS OR TOOLED TO 3/4" RADIUS ON SLABS UNLESS OTHERWISE NOTED.
- IN CASES WHERE REINFORCING BARS CANNOT BE EXTENDED AS FAR AS REQUIRED DUE TO THE LIMITED EXTENT OF THE ADJACENT CONCRETE STRUCTURE, THE BARS SHALL EXTEND AS FAR AS POSSIBLE AND END IN STANDARD HOOKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL FORMING, TEMPORARY BRACING AND SHORING.
- UNLESS NOTED OTHERWISE, HOOKS SHOWN ON DRAWINGS SHALL BE ASSUMED TO BE STANDARD HOOKS PER ACI 318.
- ALL REINFORCING SHALL BE CONTINUOUS. CONTINUOUS BARS SHALL LAP 48 BAR DIAMETERS OF SMALLER BAR LAPPED, UNLESS NOTED OTHERWISE. ALL REBAR EMBEDMENT LENGTHS SHALL BE 36 BAR DIAMETERS, UNLESS NOTED OTHERWISE.

**STEEL SHEET PILE**

- SHALL CONFORM TO ASTM A 572, GRADE 50 OR GREATER.
- OVERALL DIMENSIONS AND INTERLOCK SHALL BE PER MANUFACTURER DETAILS FOR SPECIFIED SECTION.
- COAT WITH A COAL TAR EPOXY OVER THE TOP 12 FT OF THE SECTION ON BOTH SIDES. COAT AND ALLOW TO CURE PRIOR TO DRIVING.
  - BITUMINOUS, TWO-COMPONENT POLYAMIDE-EPOXY. TARGUARD BY SHERWIN WILLIAMS OR APPROVED EQUAL.
  - COLOR: BLACK
  - APPLY TWO COATS. EACH COAT TO HAVE A MINIMUM DFT OF 10MILS. TOTAL, MINIMUM DFT IS 20MILS
  - PILE SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
  - UPPER 10" OF SHEET PILE SHALL NOT RECEIVE COATING
- COATINGS DAMAGED DUE TO TRANSPORTATION, DELIVERY, HANDLING AND INSTALLATION SHALL BE REPAIRED AND TOUCHED-UP IN THE FIELD IN ACCORDANCE WITH THE COATING MANUFACTURER RECOMMENDATIONS.

BASE BID - ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
<b>PART A - GENERAL</b>			
A1	MOBILIZATION (MAX 5%)	LS	1
A2	BONDS AND INSURANCE (MAX 2%)	LS	1
A3	TRAFFIC CONTROL ITEMS (SIGNS, BARRICADES, ETC.)	MO	4
A4	SILT FENCE FOR STORM WATER POLLUTION PREVENTION	LF	433
<b>PART B - BULKHEAD IMPROVEMENTS</b>			
B1	DEMOLISH EXISTING TIMBER PILING AND BULKHEAD	LS	1
B2	CAP AND PILE EXCAVATION	CY	63
B3	AZ-27 SHEET PILE	SF	6573
B4	COAL TAR EPOXY ON BOTH SIDES OF SHEET PILE (2 COATS)	SF	6442
B5	CRUSHED STONE BACKFILL (AASHTO NO. 57)	CY	63
B6	CONCRETE CAP (5,000 PSI)	CY	65
B7	12" CAST ALUMINUM DOCK CLEAT ("S" TYPE)	EA	11
B8	4' FA MOUNTED DOCK FENDER W/ 4"x4" PLASTIC BOARD & CAPS	EA	24
<b>PART C - ADA IMPROVEMENTS</b>			
C1	DEMOLISH EXISTING CONCRETE ADA RAMP, SIGNS AND RAILING	LS	1
C2	PAVEMENT MARKINGS - HANDICAP SYMBOL (W) WITH BACKGROUND (BLUE)	EA	2
C3	PAVEMENT MARKINGS (W)(NO PARKING)	EA	2
C4	FURNISH AND INSTALL HANDICAP PARKING SIGN AND SUPPORT ASSEMBLY	EA	2
C5	6" THICK CONCRETE SIDEWALK (5,000 PSI)	SF	1767
C6	8" CRUSHED LIMESTONE SUBGRADE (TYPE A, GR. 1-2)	SY	280
C7	PEDESTRIAN GUARDRAIL	LF	112
<b>PART D - PARKING LOT IMPROVEMENTS</b>			
D1	PAVEMENT MARKING, TYPE 2, (W) (4")	LF	971
D2	REMOVE AND REINSTALL CONCRETE BARRIERS	EA	7
D3	FURNISH AND INSTALL TRASH RECEPTACLES	EA	2
<b>PART E - DREDGING IMPROVEMENTS</b>			
E1	DREDGING OF BOAT CHANNEL AND PLACEMENT OF DREDGE MATERIAL IN BENEFICIAL USE AREA	LS	1
<b>PART F - ALLOWANCES</b>			
F1	ALLOWANCE FOR CONSTRUCTION MATERIALS TESTING	LS	1
F2	ALLOWANCE FOR UNANTICIPATED IMPROVEMENTS	LS	1

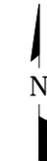
**LEGEND/ABBREVIATIONS**

**PROPOSED SYMBOLS**

- PROJECT CONTROL POINT (BENCH MARK)
- CONCRETE SIDEWALK OR PAVEMENT
- TOP OF PAVEMENT ELEVATION
- TOP OF SIDEWALK ELEVATION
- SILT FENCE

**EXISTING SYMBOLS**

- POWER POLE
- LIGHT POLE
- SIGN POST



NORTH ARROW

**NOTE:**

WHERE THE WORD "PROPOSED" OR "PROP." IS UTILIZED IN THIS SET OF DOCUMENTS, IT SHALL MEAN "NEW CONSTRUCTION TO BE PERFORMED AS PART OF THIS CONTRACT."

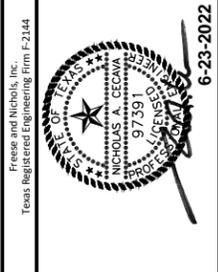
**TESTING SCHEDULE**

DESCRIPTION	MINIMUM RATE	EST. QUANTITY
<b>SOILS:</b>		
STANDARD PROCTOR - TRENCH BACKFILL	PER MATERIAL SOURCE	1
STANDARD PROCTOR - SUBGRADE	PER PARKING AREA	1
DENSITIES - TRENCH BACKFILL	PER 200 LF TRENCH/LIFT	-
DENSITIES - SUBGRADE (STREET)	PER 200 LF LANE/LIFT	-
DENSITIES - SUBGRADE (DRIVEWAYS)	PER 2 DRIVEWAYS	-
DENSITIES - SUBGRADE (SIDEWALK)	PER 5000 SF	2
<b>FLEXIBLE BASE:</b>		
SIEVE ANALYSIS	PER 3000 CY	1
ATTERBURG LIMITS	PER 3000 CY	1
MODIFIED PROCTOR	PER 3000 CY	1
L.S. ABRASION	PER 3000 CY	1
CBR (STANDARD)	PER MATERIAL SOURCE	-
WET BALL MILL TEST	PER MATERIAL SOURCE	-
TRIAXIAL TEST	PER MATERIAL SOURCE	-
DENSITIES OF COMPACTED BASE	PER MATERIAL SOURCE	2
<b>HOT-MIX ASPHALT CONCRETE (HMAC):</b>		
EXTRACTION, SIEVE ANALYSIS	PER 500 TONS OR DAY	-
LAB DENSITY & STABILITY	PER 500 TONS OR DAY	-
THEORETICAL DENSITY (RICE METHOD)	PER 500 TONS OR DAY	-
TEMPERATURE - DURING LAY-DOWN	CONTINUOUS AS NEEDED	-
THICKNESS - IN PLACE (CORE)	PER 1000 LF STREET	-
% AIR VOIDS - IN PLACE (CORE)	PER 1000 LF STREET	-
% THE ORETICAL DENSITY - IN PLACE (CORE)	PER 1000 LF STREET	-
<b>CONCRETE:</b>		
(UNCONFINED COMPRESSION, 7, 14, & 28 DAY)		
SIDEWALKS	PER 4000 SF	1
CONCRETE CAP		1
<b>CONCRETE CAP AND SIDEWALK:</b>		
COMPRESSION STRENGTH (7 & 28 DAY)	PER DAY	4
FLEXURAL (BEAM) STRENGTH (7 & 28 DAY)	PER DAY	4
AIR CONTENT	PER DAY	4
SLUMP	PER DAY	4

**NOTE:**

- THE ABOVE TESTING RATES ARE ONLY ANTICIPATED GUIDELINES, THE ENGINEER RESERVES THE RIGHT TO CONDUCT ADDITIONAL TESTING AT THE ENGINEER'S DISCRETION. RE-TEST FOR FAILURES ARE NOT INCLUDED.
- MOISTURE CONTENTS TO BE INCLUDED WITH DENSITY TEST.
- IN THE EVENT OF FAILURES, ADDITIONAL TESTS WILL BE REQUIRED.
- ALL TESTING WILL BE PROVIDED BY THE CONTRACTOR WITH OWNER'S APPROVAL. AN ALLOWANCE ITEM HAS BEEN PROVIDED FOR REIMBURSEMENT.

**ADDENDUM 1 ATTACHMENT 2 SHEET 1 OF 5**



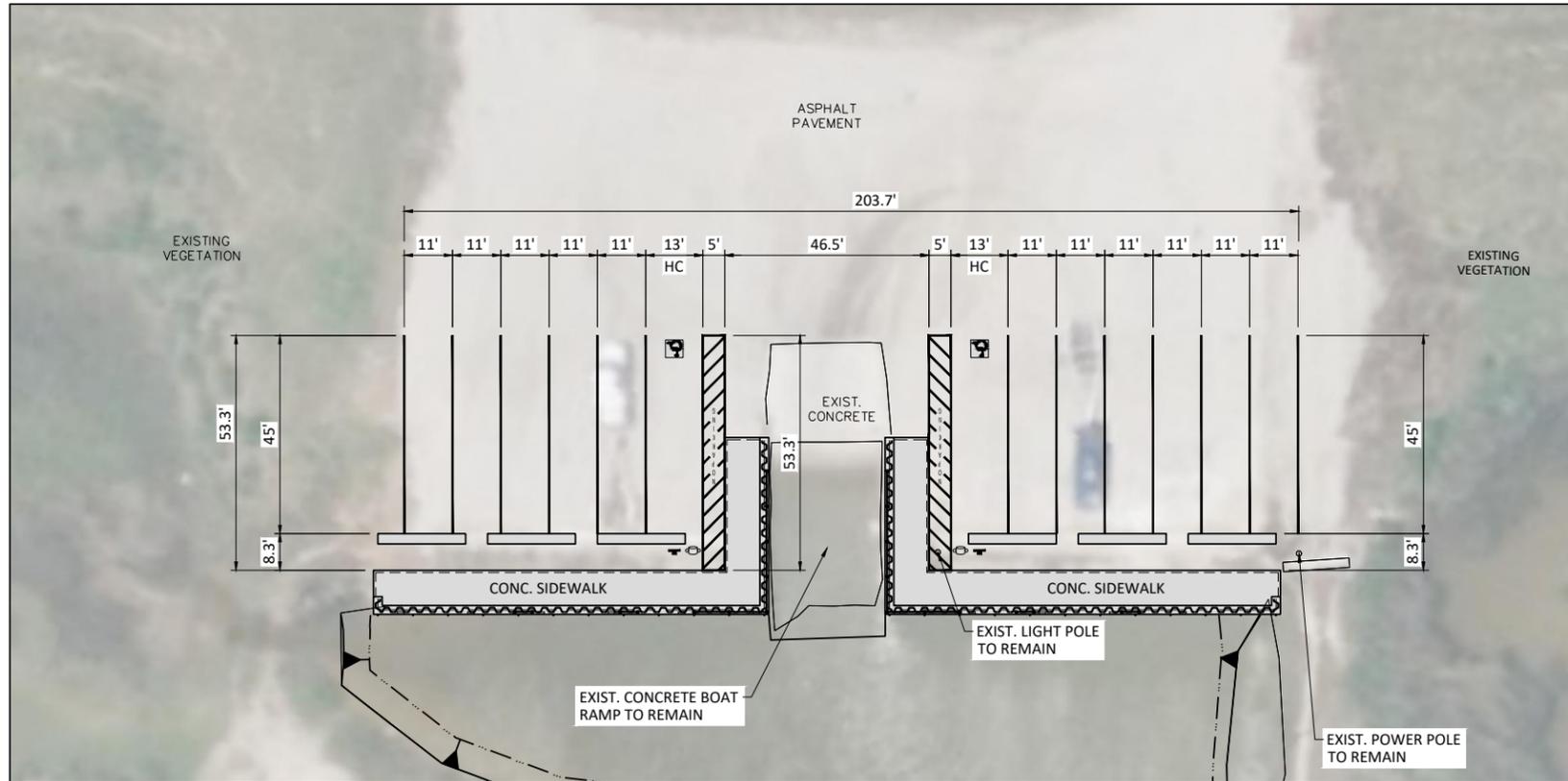
**FREESE NICHOLS**  
 800 N. Shoreline, Suite 1600N  
 Corpus Christi, Texas 78401-3700  
 Phone - (361) 581-6500  
 Web - www.freese.com

JACKSON COUNTY, TEXAS  
**CARANCAHUA BAY BOAT RAMP**  
 GENERAL  
 GENERAL NOTES, QUANTITIES AND LEGEND

NO.	ISSUE	DATE	BY	FILE NAME
1	ADDENDUM #1	6/23/22	NAC	CV-CBR-ALL-QUANTS.dwg
2				
3				
4				

SHEET **G-2**

SEQ. 2

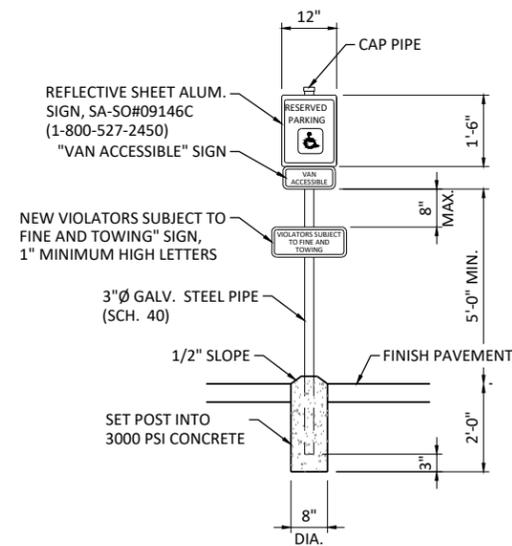


1  
C-1  
**PARKING LOT STRIPING PLAN**  
SCALE: 0 10' 20' 40'  
SCALE IN FEET



**NOTES**

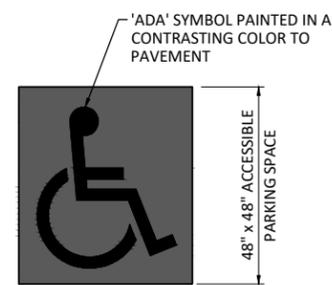
- FOR BULKHEAD STEEL SHEET PILING & SIDEWALK PLAN, SEE SHEET C-2.
- JACKSON COUNTY (OWNER) WILL CONSTRUCT NEW ASPHALT PAVEMENT AND REHABILITATE THE EXISTING PARKING LOT FOLLOWING COMPLETION OF THE BULKHEAD AND SIDEWALK. CONTRACTOR MUST CONSTRUCT FINAL STRIPING AND SIGNAGE IMPROVEMENTS FOLLOWING THE PAVEMENT WORK BY THE COUNTY.



1  
C-1  
**ACCESSIBLE PARKING SIGN DETAIL**  
N.T.S.

**NOTES:**

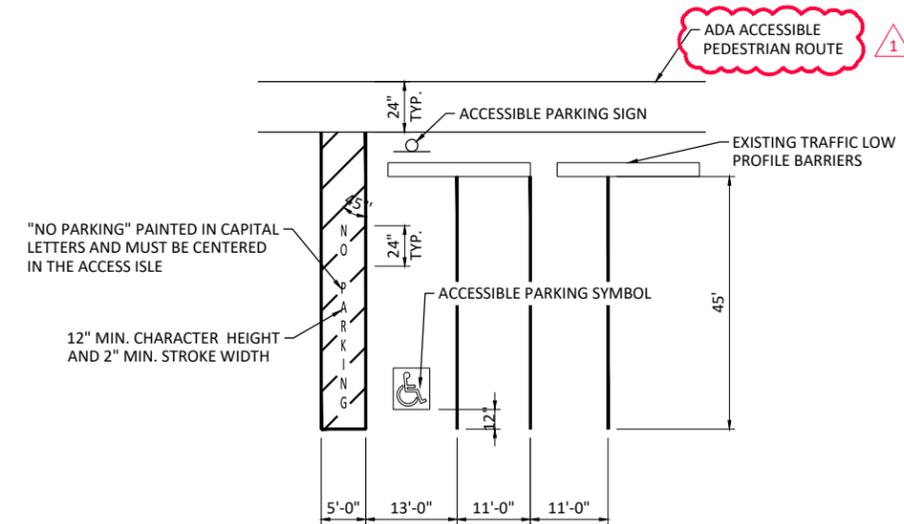
- SIGN FACE SHALL BE REFLECTORIZED FLAT SURFACE SHEETING.
- SIGN SHALL HAVE WHITE LETTERS AND SYMBOLS ON A BLUE BACKGROUND.
- SIGNS SHALL BE PROVIDED DIRECTLY IN FRONT OF PARKING SPACE AT BACK EDGE OF SIDEWALK OR AS SHOWN ON PLANS.



2  
C-1  
**ACCESSIBLE SYMBOL DETAIL**  
N.T.S.

**NOTES:**

- WHEELCHAIR SYMBOL SHALL BE PAINTED WHITE ON A BLUE BACKGROUND.
- WORDS AND SYMBOLS CAN BE EITHER PREFORMED THERMOPLASTIC OR TYPE 1/ TYPE II PAVEMENT MARKINGS.



3  
C-1  
**ADA ACCESSIBLE BOAT AND TRAILER PARKING STALLS**  
N.T.S.

**NOTE:**

ALL STRIPING SHALL BE 4" WIDE. COLOR OF STRIPES TO BE SOLID WHITE. (TXDOT SPEC. NO. WPT-10)

**ADDENDUM 1 ATTACHMENT 2 SHEET 2 OF 5**

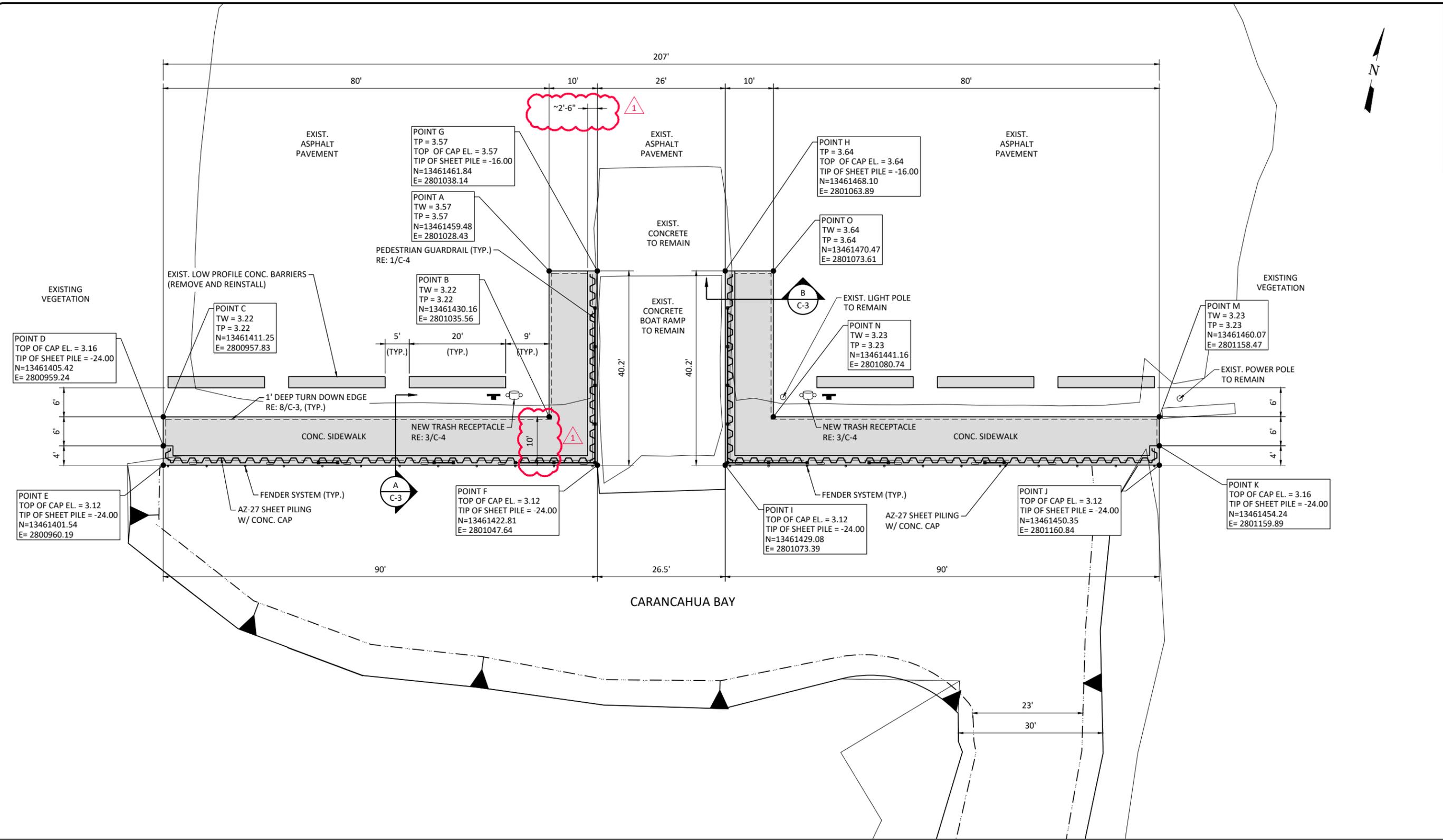
Freeze and Nichols, Inc.  
Texas Registered Engineering Firm F-2144  
6-23-2022

**FREEZE NICHOLS**  
800 N. Shoreline, Suite 1600N  
Corpus Christi, Texas 78401-3700  
Phone: (361) 581-6500  
Web: www.freeze.com

JACKSON COUNTY, TEXAS  
**CARANCAHUA BAY BOAT RAMP**  
CIVIL  
**PARKING LOT STRIPING PLAN AND DETAILS**

NO.	ISSUE	DATE	BY	DESIGNED	DRAWN	REVISIONS	CHECKED	EG
1	ADDENDUM #1	6/23/22	NAC	NAC				
FILE NAME: CV-CBR-PL-PARKING.dwg VERIFY SCALE: 1 Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.								
SHEET <b>C-1</b>								
SEQ. 5								

ACAD Rev: 24.1s (IMS Tech)  
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Freeze and Nichols, Inc.  
 Texas Registered Engineering Firm F-2144  
  
 6/23/2022

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JACKSON COUNTY, TEXAS  
**CARANCAHUA BAY BOAT RAMP**  
 CIVIL  
**SHEET PILE BULKHEAD IMPROVEMENTS**

NO.	ISSUE	DATE	DESIGNED	DRAWN	CHECKED	FILE NAME
0		6/23/22	MG	DMS	PAB	CV-CBR-PL-SHT_PILING.dwg
1	ADDENDUM #1					

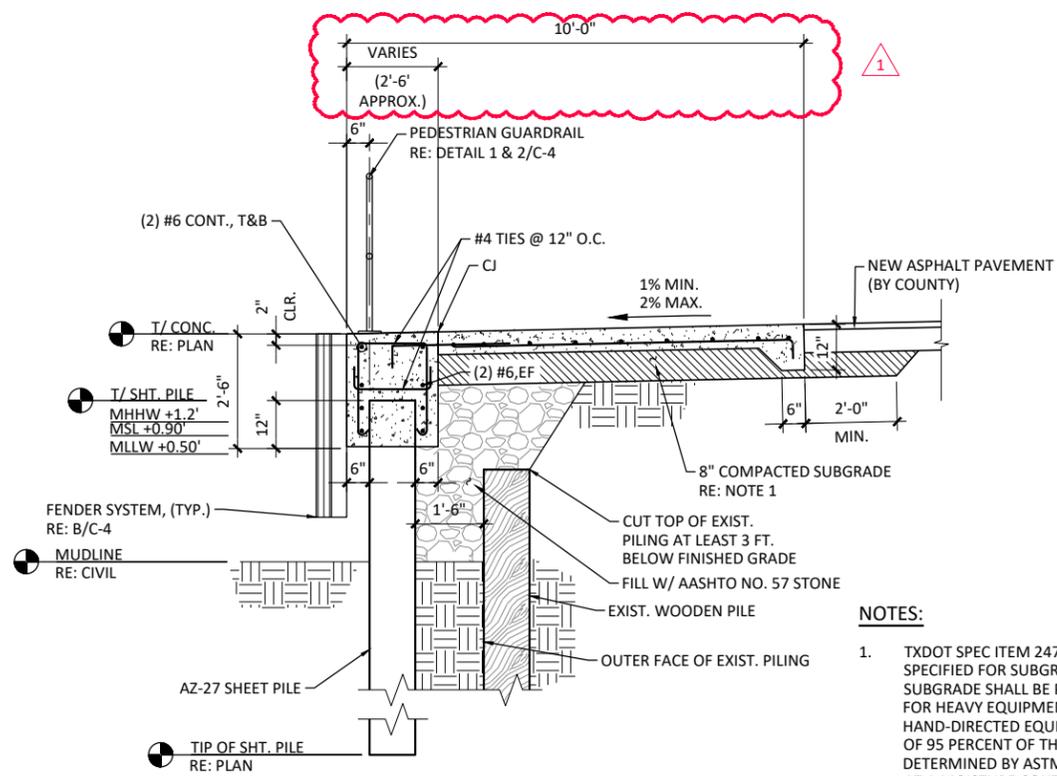
VERIFY SCALE: 1" = 10'

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.

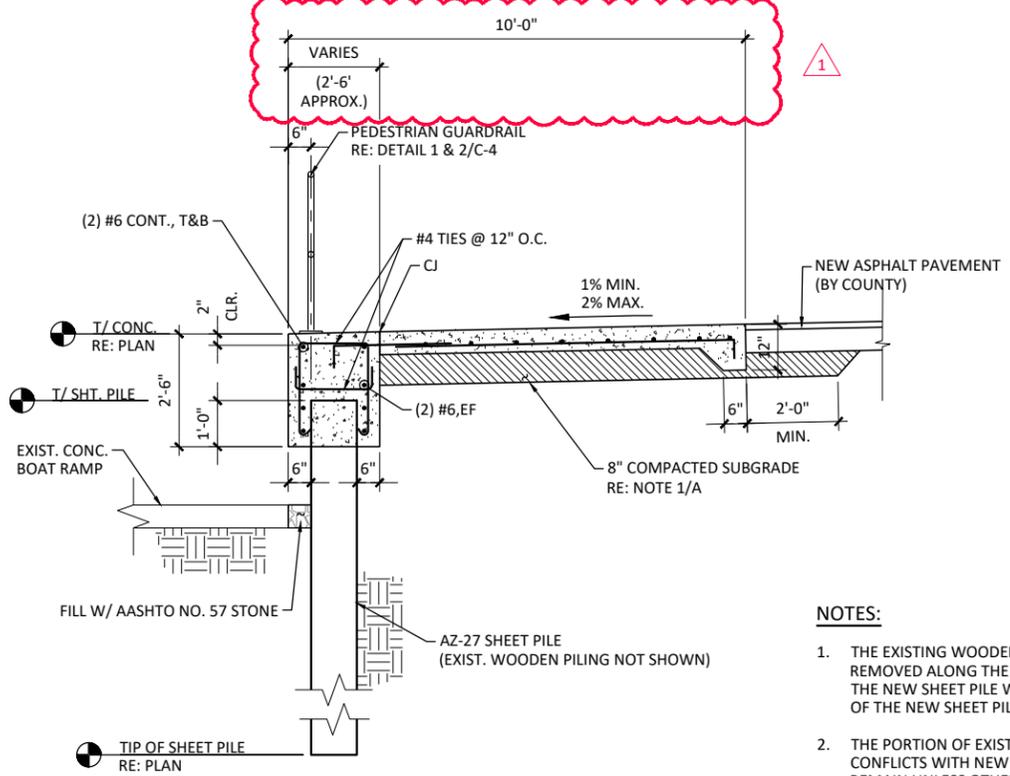
**NOTE:**  
 1. SHEET PILE TOP ELEVATION BETWEEN POINTS G AND F; H AND I CHANGES LINEARLY.



**ADDENDUM 1 ATTACHMENT 2 SHEET 3 OF 5**

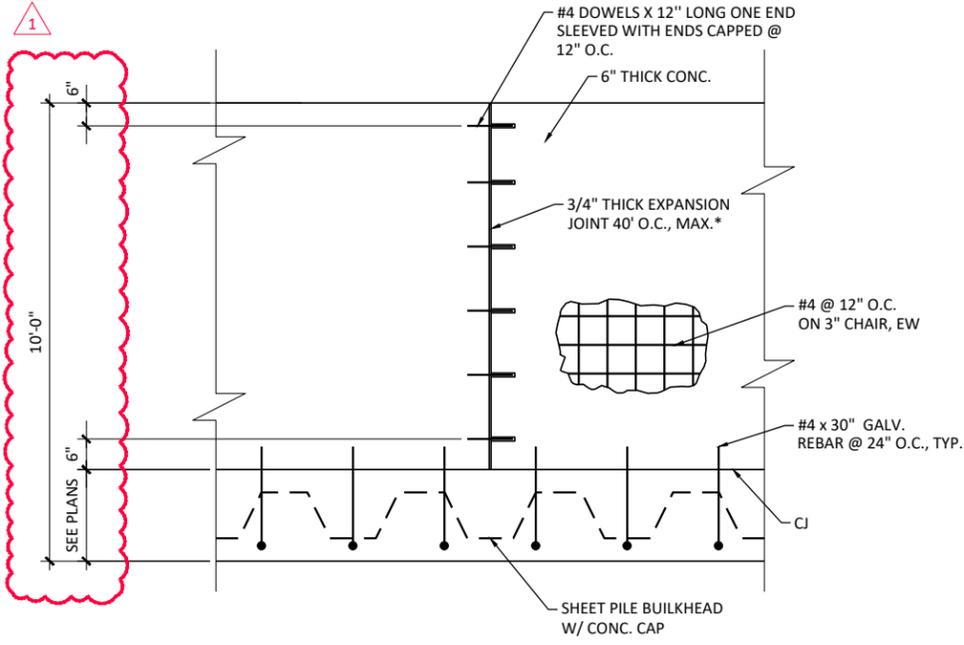


**A**  
**C-2**  
**CONC. CAP AND SIDEWALK SECTION**  
 SCALE: 0 2' 4'  
 SCALE IN FEET



**B**  
**C-2**  
**CONC. CAP AND SIDEWALK SECTION @ EXISTING BOAT RAMP**  
 SCALE: 0 2' 4'  
 SCALE IN FEET

- NOTES:**
- TXDOT SPEC ITEM 247 "FLEXIBLE BASE" TYPE A, GRADE 1-2 IS SPECIFIED FOR SUBGRADE UNDER CONCRETE SIDEWALK. SUBGRADE SHALL BE PLACED IN MAXIMUM 8" LOOSE LIFTS FOR HEAVY EQUIPMENT AND 4" LOOSE LIFTS FOR HAND-DIRECTED EQUIPMENT. COMPACT TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698 (STANDARD PROCTOR), AND AT A MOISTURE CONTENT WITHIN -2% TO 2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698. IN-PLACE FIELD DENSITY TESTS SHALL BE CONDUCTED AT A RATE OF ONE TEST PER 3,000 SQUARE FEET FOR EVERY LIFT.
  - NEW SHEET PILE SHALL BE DRIVEN AT LEAST 18" AWAY FROM OUTER POINT OF THE EXISTING FEATURES.
  - SLOPE TOP OF CONCRETE CAP TO MATCH SIDEWALK SLOPE.
  - PRECAST CONCRETE CAP IS AN ACCEPTABLE ALTERNATIVE FOR CONSTRUCTION. DESIGN, MANUFACTURE AND INSTALLATION PLAN SHALL BE APPROVED BY THE ENGINEER OF RECORD AND OWNER PRIOR TO CONSTRUCTION.



**1**  
**C-3**  
**SIDEWALK PLAN**  
 SCALE: 0 2' 4'  
 SCALE IN FEET

- SIDEWALK NOTES:**
- ALL CONCRETE CLASS "C", 5,000 psi. ALL STEEL, GRADE 60, fy = 60,000 psi.
  - CONCRETE TO RECEIVE BROOM FINISH.
  - PROVIDE TRANSVERSE CONTRACTION JOINTS 1/8" WIDE BY 1/2" DEEP IN ALL SIDEWALKS AT 8'-0" INTERVALS (TYPICAL) OR THE INTERVALS SHALL BE SPACED TO MATCH THE WIDTH OF THE SIDEWALK.

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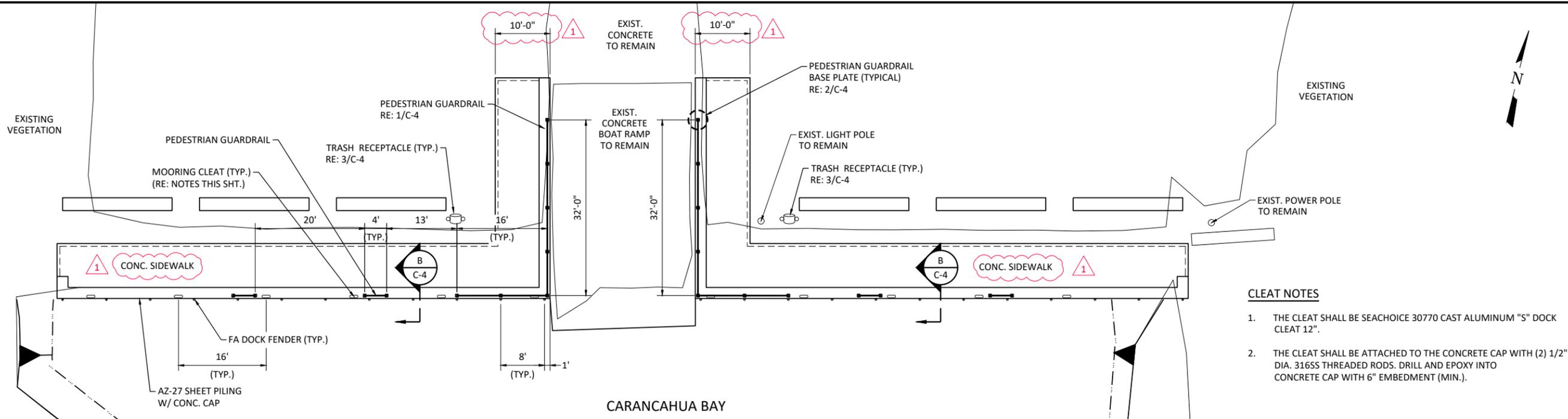
JACKSON COUNTY, TEXAS  
**CARANCAHUA BAY BOAT RAMP**

**SHEET PILE BULKHEAD IMPROVEMENT DETAILS**  
 CIVIL

NO.	ISSUE	DATE	BY	DESIGNED	DRAWN	REVISIONS	CHECKED	FILE NAME
1	ADDENDUM #1	6/23/22	NAC	MG	DKS		PAB	CV-CBR-PL-SHT_PILING.dwg
VERIFY SCALE: 0 1 Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.								
SHEET								C-3
SEQ.								7

**ADDENDUM 1 ATTACHMENT 2 SHEET 4 OF 5**

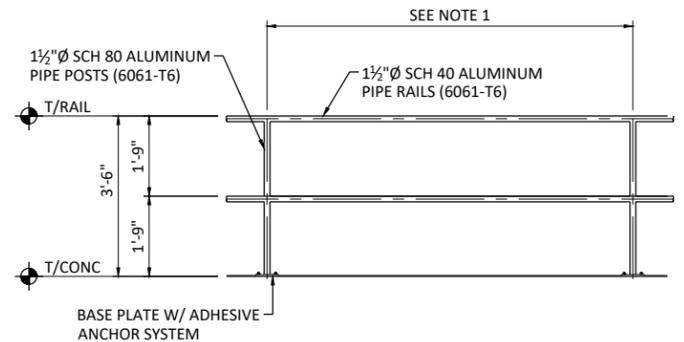
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 Filename: N:\Drawings\CV-CBR-PL-SHT\_PILING.dwg  
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- CLEAT NOTES**
1. THE CLEAT SHALL BE SEACHOICE 30770 CAST ALUMINUM "S" DOCK CLEAT 12".
  2. THE CLEAT SHALL BE ATTACHED TO THE CONCRETE CAP WITH (2) 1/2" DIA. 316SS THREADED RODS. DRILL AND EPOXY INTO CONCRETE CAP WITH 6" EMBEDMENT (MIN.).

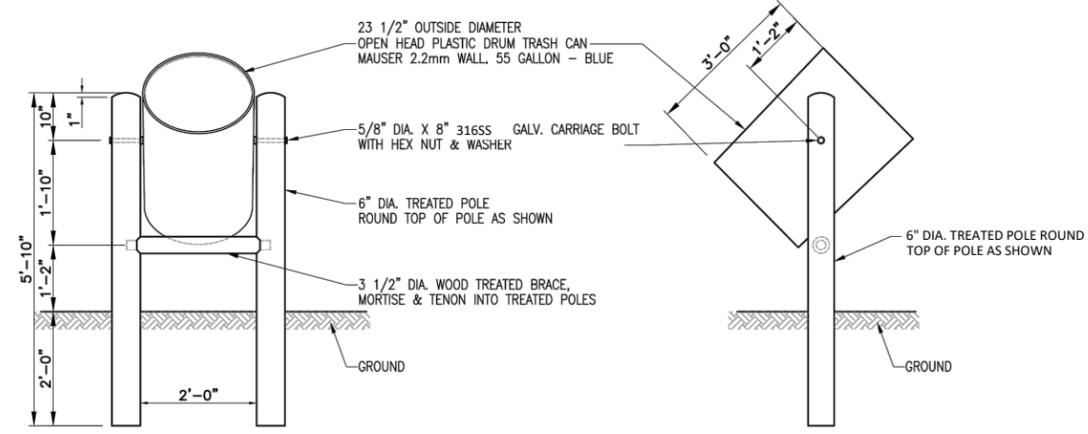
**CARANCAHUA BAY**

**A**  
C-4 **PEDESTRIAN GUARDRAIL AND FENDER PLAN**  
SCALE: 0 10' 20'  
SCALE IN FEET

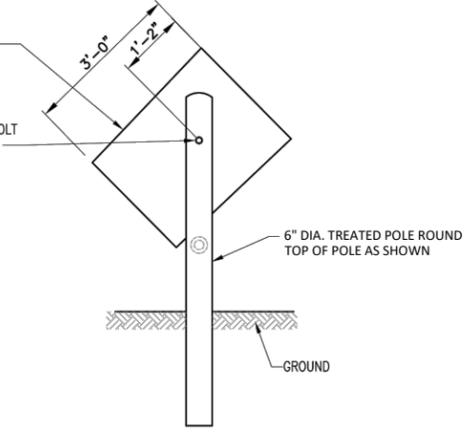


- NOTES:**
1. POST SPACING SHALL NOT EXCEED A MAXIMUM SPACING OF 8'-0" CENTERS. GUARDRAIL POSTS SHALL BE SPACED SO AS TO PRODUCE UNIFORM SPACING.
  2. PROVIDE EXPANSION JOINTS AT MAXIMUM 30'-0" INTERVALS OR AS RECOMMENDED BY MANUFACTURER, WHICHEVER IS LESS.

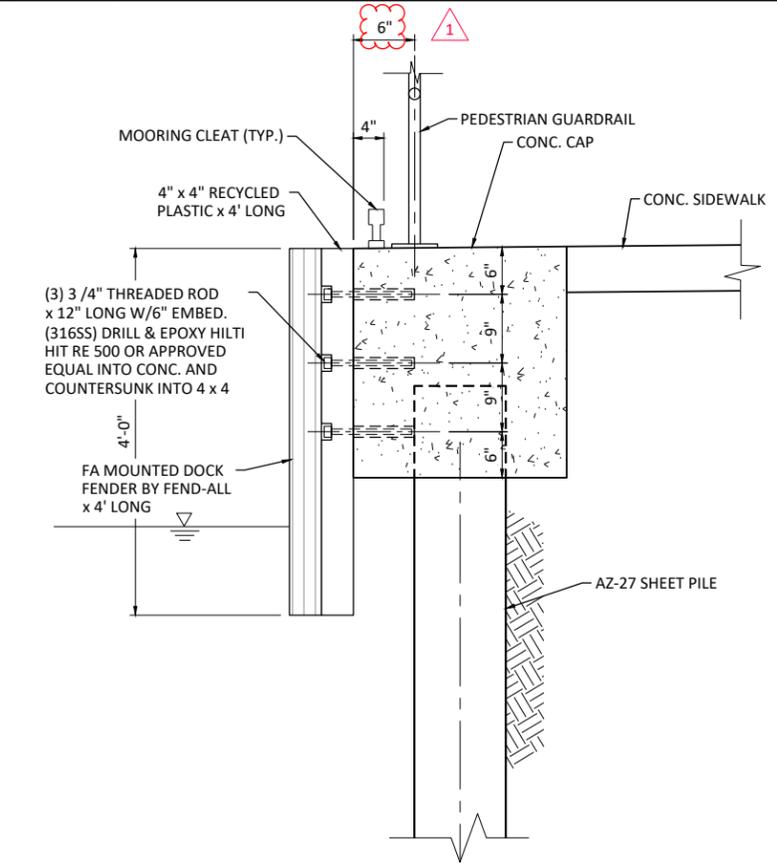
**1**  
C-4 **PEDESTRIAN GUARDRAIL DETAIL**  
SCALE: 0 1' 2' 4'  
1/2"=1'-0"



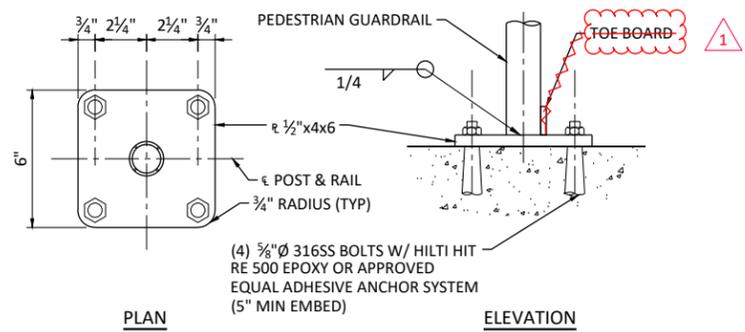
**3**  
C-4 **FRONT VIEW TRASH CAN AMENITY**  
SCALE: N.T.S.



**4**  
C-4 **SIDE VIEW TRASH CAN AMENITY**  
SCALE: N.T.S.



**B**  
C-4 **FENDER SECTION**  
SCALE: 1"=1'-0"



**2**  
C-4 **PEDESTRIAN GUARDRAIL BASE PLATE DETAIL**  
SCALE: 0 1" 2" 4" 8"  
3"=1'-0"

- DETAIL NOTE:**
1. BASE PLATE MATERIAL SHALL MATCH PEDESTRIAN GUARDRAIL.



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JACKSON COUNTY, TEXAS  
**CARANCAHUA BAY BOAT RAMP**  
CIVIL  
**PEDESTRIAN GUARDRAIL AND FENDER PLAN AND DETAILS**

NO.	ISSUE	DATE	DESIGNED	DRAWN	REUSED	CHECKED	EG
1	ADDENDUM #1	6/23/22	NAC	NAC			
0							

FILE NAME: CV-CBR-PL-PED(01).dwg

VERIFY SCALE: Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.

SHEET: **C-4**

SEQ.: 8