# CITY OF ORANGE BEACH, ALABAMA POST-HURRICANE SALLY REPAIRS CANOE TRAIL - CROSS LANE

# ISSUED FOR BID OCTOBER 2022

# CITY OF ORANGE BEACH

MAYOR TONY KENNON

ANNETTE MITCHELL, PLACE ONE

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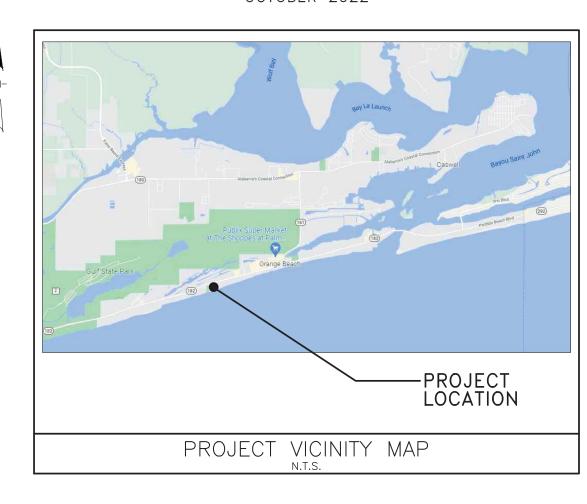
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#### INDEX OF DRAWINGS

S202

SHEET NO.	SHEET TITLE
G100	COVER SHEET AND INDEX OF DRAWINGS
S001	GENERAL NOTES AND TABLES
S101	CROSS LANE DUNE WALKOVER PLAN AND ELEVATIONS
S201	STAIR PLAN AND ELEVATION

SECTIONS AND DETAILS

SUBMITTED BY:



#### 1. GENERAL REQUIREMENTS:

- THESE STRUCTURAL DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. ALL CONSTRUCTION SHALL CONFORM TO THE EDITION OF THE INTERNATIONAL BUILDING CODE REFERENCED. REFERENCE TO OTHER SPECIFICATIONS OR CODES SHALL MEAN THE VERSION INDICATED IN
- THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE A PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR AND SUBCONTRACTORS SHALL REFERENCE AND COORDINATE WITH ALL OTHER DISCIPLINES DRAWINGS. ANY DISCREPANCIES OR OMISSIONS SHALL BE REPORTED TO THE ENGINEER.
- STRUCTURAL DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY AND SHALL APPLY FOR LIKE OR SIMILAR CONDITIONS UNLESS NOTED OTHERWISE. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN. IF THERE IS A QUESTION REGARDING THE APPLICABILITY OF A DETAIL, CONTACT THE ENGINEER IN WRITING REQUESTING CLARIFICATION.
- COORDINATE AND VERIFY ALL OPENING SIZES AND LOCATIONS BEFORE PROCEEDING WITH CONSTRUCTION. STRUCTURAL DRAWINGS ONLY SHOW OPENINGS RELATIVE TO THE STRUCTURE.
- STRUCTURAL MEMBERS SHALL NOT BE CUT, NOTCHED, CHANGED OR MODIFIED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
- DO NOT SCALE FOR DIMENSIONS NOT SHOWN ON THE DRAWINGS. SEND A WRITTEN REQUEST FOR INFORMATION TO THE ENGINEER FOR DIMENSIONS NOT PROVIDED.
- THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- THE STRUCTURE SHOWN ON THESE DRAWINGS IS STRUCTURALLY SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. THE REGINEER WILL NOT ADVISE ON OR ISOLED DIRECTION RELATED TO SAFETY REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE OSHA REGULATIONS
- 1.9. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS/ROOFS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT CONSTRUCTION LOADS DO NOT EXCEED THE DESIGN LIVE
- 1.10. DISSIMILAR METALS MUST BE SEPARATED BY A COATING SUCH AS ECK CORROSION COATING OR AN APPROVED EQUIVALENT, OR NEOPRENE GASKET MATERIAL TO PREVENT GALVANIC ACTION.
- 1.11. WHERE SPECIFIED. POST INSTALLED ANCHORING SYSTEMS SUCH AS MANUFACTURED BY SIMPSON OR HILTI, WHERE SPECIFIED, FOST INTRILLED ANOTHING STIFMS SOOT AS MANOTACTURED BY SIMPSON OF HISTORIAGE.

  SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. SPECIAL
  ATTENTION SHALL BE GIVEN TO THE DRILLING, CLEANING, AND PREPARATION OF HOLES. WHERE ADHESIVE
  ANCHORS ARE SHOWN, SPECIAL ATTENTION SHALL BE GIVEN TO THE REQUIRED MIXING, APPLICATION, AND
  CURING TIME OF THE ADHESIVE SPECIFIED.
- 1.12. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES IN THE AREA OF CONSTRUCTION THAT MIGHT BE AFFECTED BY, OR OTHERWISE INTERFERE WITH, INSTALLATION OF NEW WORK. THIS INCLUDES THOSE THAT MIGHT BE DAMAGED BY NEW FOUNDATIONS OR OTHER WORK, AND THOSE WHOSE PRESENCE MIGHT LEAD TO DAMAGE OF THE NEW WORK (e.g. DIFFERENTIAL SETTLEMENT).

#### 2. FXISTING CONDITIONS:

- EXISTING CONDITIONS DEPICTED ON THESE DRAWINGS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. IN THE EVENT EXISTING CONDITIONS ARE DIFFERENT THAN SHOWN ON THE STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY.
- 2.2. CONTRACTOR SHALL FIELD VERIFY CONDITIONS DEPICTED ON THESE DRAWINGS AS THEY ARE UNCOVERED
- DURING CONSTRUCTION. IN THE EVENT EXISTING CONDITIONS ARE DIFFERENT THAN SHOWN ON THE STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY.

  DIMENSIONS RELATIVE TO AN EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO MATERIALS PURCHASE, FABRICATION, OR CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER IN WRITING OF DISCREPANCIES.
- FIELD DIMENSIONS VERIFIED BY THE CONTRACTOR SHALL BE SHOWN ON THE SUBMITTED SHOP DRAWINGS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE AND UNDAMAGED CONDITION DURING THE PROCESS OF DEMOLITION AND NEW CONSTRUCTION.

### 3. DESIGN CRITERIA:

- GENERAL BUILDING CODE:
- 3.1.1. INTERNATIONAL BUILDING CODE, IBC 2018 EDITION. ALL CODES BELOW ARE THE EDITION REFERENCED IN THE IBC.
- 3.2. DESIGN LOAD CRITERIA:
- 3.2.1. MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7.

## 3.3. STRUCTURAL STEEL:

3.3.1. SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC

- 4.1. DESIGN DEAD LOAD IS ACTUAL WEIGHT OF THE STRUCTURE. ANY CHANGES IN CONSTRUCTION MATERIALS FROM THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE REPORTED BY THE CONTRACTOR TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOAD—CARRYING CAPACITY OF THE STRUCTURE.
- 4.2. LIVE LOADS (PSF):

## FLOOR

- 4.3. LIVE LOAD REDUCTIONS HAVE BEEN APPLIED IN ACCORDANCE WITH THE BUILDING CODE WHEN PERMITTED. 5. STRUCTURAL OBSERVATIONS:
- STRUCTURAL OBSERVATIONS ARE VISUAL OBSERVATIONS BY A STRUCTURAL ENGINEER OF THE IN-PLACE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS AT THE TIME OF
- STRUCTURAL OBSERVATIONS ARE REQUIRED FOR THIS PROJECT IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER, PER THE SCHEDULE PROVIDED IN THE CONSTRUCTION DOCUMENTS, WHEN SUCH ITEMS HAVE PROGRESSED TO THE POINT WHERE THEY WILL BE IN PLACE AND READY FOR OBSERVATION. FAILURE TO NOTIFY MAY REQUIRE REMOVAL OF COMPLETED CONSTRUCTION

#### 6. SPECIAL INSPECTIONS:

- SPECIAL INSPECTIONS ARE REQUIRED FOR THIS PROJECT IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. AN APPROVED SPECIAL INSPECTOR WITH
  QUALIFICATIONS SATISFACTORY TO THE BUILDING OFFICIAL SHALL PERFORM THE REQUIRED SPECIAL TESTS AND INSPECTIONS
- OBSERVATION BY THE STRUCTURAL ENGINEER'S OFFICE DOES NOT REPLACE TESTING AND INSPECTIONS BY THE TESTING AGENCY OR THE SPECIAL INSPECTOR.
- THE COSTS OF THE SPECIAL INSPECTOR'S SERVICES SHALL BE PAID FOR BY THE OWNER. THE COSTS OF OTHER INSPECTIONS AND TESTING SPECIFIED IN THE CONTRACT DOCUMENTS SHALL BE PAID FOR BY THE
- THE FOLLOWING DOCUMENTS HAVE BEEN PREPARED FOR THIS PROJECT AS A PART OF THESE CONSTRUCTION
- 6.4.1. STATEMENT OF SPECIAL INSPECTIONS
- 6.4.2. SCHEDULE OF SPECIAL INSPECTIONS
- 6.5. THE CONTRACTOR SHALL COORDINATE THE INSPECTION SERVICES IN ACCORDANCE WITH PROGRESS OF THE WORK. THE CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE TO THE INSPECTOR TO ALLOW PROPER SCHEDULING OF PERSONNEL.

- 6.6. ALL REPORTS AND SHOP CERTIFICATIONS OF SPECIAL INSPECTIONS TO BE PERFORMED ON THE PREMISES OF A FABRICATOR'S SHOP SHALL BE SUBMITTED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTING THESE REPORTS TO THE SPECIAL INSPECTOR AND THE STRUCTURAL ENGINEER IN A TIMELY MANNER.
- THE SPECIAL INSPECTOR SHALL PREPARE THE REQUIRED QUALITY ASSURANCE PLANS AND SUBMIT THE PLAN TO THE BUILDING OFFICIAL AND TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- ALL SPECIAL INSPECTION REPORTS SHALL BE PREPARED BY AND BEAR THE SEAL OF THE SPECIAL INSPECTOR AND ALL REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND TO THE STRUCT ENGINEER. THE FREQUENCY OF REPORTS SHALL BE AS AGREED UPON BY THE BUILDING OFFICIAL.
- REPORTS SHALL INDICATE THAT THE WORK WAS PERFORMED AND CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ALL NONCONFORMING ITEMS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, TO THE BUILDING OFFICIAL AND THE STRUCTURAL ENGINEER.
- 6.10. THE SPECIAL INSPECTOR, UPON COMPLETION OF THE WORK AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, SHALL SUBMIT A SIGNED AND SEALED FINAL REPORT DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES IN THE PRIOR REPORTS.

#### 7. SHOP DRAWINGS AND SUBMITTALS:

- THE USE OR REPRODUCTION OF THE CONTRACT DRAWINGS BY ANY CONTRACTOR, SUBCONTRACTOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS IS NOT PERMITTED.
- SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS SPECIFIED IN THE CONTRACT DOCUMENTS. ALL SHOP DRAWINGS MUST BE REVIEWED AND "APPROVED" BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER. REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITIES.
- ELECTRONIC SHOP DRAWING SUBMITTALS: SUBMIT ALL ELECTRONIC SHOP DRAWINGS IN PDF FORMAT.
  REVIEWED SHOP DRAWINGS WILL BE RETURNED IN PDF FORMAT. ALL PRINTS REQUIRED BY THE
  CONTRACTOR ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE MADE AFTER APPROVED SHOP DRAWINGS ARE RETURNED.
- 7.5. SHOP DRAWINGS: SEE THE RELATED MATERIAL SECTION FOR THE REQUIRED SUBMITTALS AND SHOP

#### 8. DEMOLITION:

- 8.1. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION, AND AS INDICATED.
- PROCEED WITH SELECTIVE DEMOLITION SYSTEMATICALLY FROM HIGHER TO LOWER LEVEL. COMPLETE SELECTIVE DEMOLITION OPERATIONS ABOVE EACH FLOOR OR TIER BEFORE DISTURBING SUPPORTING MEMBERS ON THE NEXT LOWER LEVEL.
- SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
- BEFORE SELECTIVE DEMOLITION OR REMOVAL OF EXISTING BUILDING ELEMENTS THAT WILL BE REPRODUCED OR DUPLICATED IN FINAL WORK, MAKE PERMANENT RECORD OF MEASUREMENTS, MATERIALS, AND CONSTRUCTION DETAILS REQUIRED TO MAKE EXACT REPRODUCTION.
- CONDUCT SELECTIVE DEMOLITION AND DEBRIS—REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- 8.6. PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT OF CONSTRUCTION BEING DEMOLISHED AND STRUCTURE TO REMAIN

#### 9. WOOD FRAMING:

- 9.1. WOOD CONSTRUCTION SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE AND THE AMERICAN WOOD COUNCIL REQUIREMENTS.
- 9.2. THE CONTRACTOR SHALL SUBMIT FOR THE STRUCTURAL ENGINEER'S REVIEW THE BELOW LISTED ITEMS. 9.2.1. WOOD TREATMENT RECORDS.
- 9.3. A QUALITY ASSURANCE PROGRAM CONSISTING OF SUBMITTALS AND INSPECTIONS SHALL BE USED TO VERIFY THAT THE CONSTRUCTED WOOD IS IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. MATERIAL QUALITY, HANDLING, STORAGE, PREPARATION, PLACEMENT, AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS
- 9.4. WOOD FRAMING MEMBERS: VISUALLY GRADED DIMENSIONED #2 SOUTHERN PINE.
- 9.5. ALL OTHER FRAMING: VISUALLY GRADED DIMENSIONED #2 GRADE SOUTHERN PINE.
- 9.6. SILL PLATES, SOLE PLATES AND TOP PLATES SHALL BE OF THE SAME SIZE AS THE STUDS TO WHICH THEY ARE CONNECTED. GRADE SHALL BE AS SPECIFIED ABOVE.
- MARINE PIER PILE CAPS SHALL BE TREATED IN ACCORDANCE WITH AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) STANDARD UC4B TO 0.8 PCF CCA.
- 9.8. MARINE PIER STRINGERS, BLOCKING AND DECKING SHALL BE TREATED IN ACCORDANCE WITH AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) STANDARD UC4B TO 0.23 PCF MCA. 9.9. MARINE PIER HANDRAIL COMPONENTS SHALL BE TREATED IN ACCORDANCE WITH AMERICAN WOOD PROTECTION
- ASSOCIATION (AWPA) STANDARD UC4A TO 0.23 PCF MCA. 9.10. ALL PRESSURE TREATED LUMBER SHALL BE PRESSURE TREATED WITH CHROMATED COPPER ARSENATE (CCA), COPPER AZOLE (CA), ALKALINE COPPER QUATERNARY (ACQ) OR MICRONIZED COPPER AZOLE (MCA) IN ACCORDANCE WITH AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) STANDARD.
- 9.11. ALL FASTENERS, NAILS AND OTHER METAL PRODUCTS USED WITH PRESSURE TREATED LUMBER SHALL BE 316 STAINLESS STEEL.
- 9.12. FLOOR JOISTS AND BEAMS SHALL BE LATERALLY BRACED AT ENDS, POINTS OF BEARING AND MAXIMUM INTERVALS OF 8'-0" BY SOLID BLOCKING, BRIDGING OR TRANSVERSE BEAMS IN ORDER TO PREVENT
- 9.13. ALL MANUFACTURED WOOD FRAMING CONNECTORS TO BE BY SIMPSON STRONG-TIE COMPANY, INC. OR APPROVED EQUAL. ALL CONNECTORS SHALL BE FASTENED TO FRAMING MEMBERS FILLING THE REQUIRED NUMBER OF CONNECTOR HOLES WITH THE TYPE AND SIZE FASTENERS SPECIFIED BY THE MANUFACTURER
- 9.14. 6x6 POST SHALL HAVE A MINIMUM EMBEDMENT DEPTH OF 8-FT BELOW THE EXISTING GRADE
- 9.15. 6x6 POST MAY BE JETTED TO FINAL TIP ELEVATIONS.

#### SCHEDULE OF SPECIAL INSPECTIONS

DRIVEN DEEP FOUNDATIONS (IBC 1705.7)				
ITEM	FREQUENCY	EXTENT / COMMENTS		
VERIFY ELEMENT MATERIALS, SIZES AND	CONTINUOUS			
LENGTHS COMPLY WITH THE				
REQUIREMENTS.				
OBSERVE DRIVING OPERATIONS AND	CONTINUOUS			
MAINTAIN COMPLETE AND ACCURATE				
RECORDS FOR EACH ELEMENT.				
FOR SPECIALTY ITEMS, PERFORM				
ADDITIONAL INSPECTIONS AS				
DETERMINED BY THE REGISTERED DEIGN				
PROFESSIONAL IN RESPONSIBLE CHARGE.				

## WOOD CONSTRUCTION (IBC 1705.5)

ITEM	FREQUENCY	EXTENT / COMMENTS
INSPECT SITE-BUILT ASSEMBLIES	PERIODIC	
INCLUDING SITE BUILT TRUSSES. INSPECT		
ERECTED TRUSSES INCLUDING BRIDGING		
AND ATTACHMENTS.		
VERIFY THAT TEMPORARY AND	PERIODIC	
PERMANENT TRUSS BRACING IS		
INSTALLED IN ACCORDANCE WITH		
APPROVED TRUSS PACKAGE ON ALL		
TRUSSES SPANNING 60' OR GREATER.		

#### NOTES

NOTE: THE INSPECTION AND TESTING AGENT(S) SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENT AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK. THE OUALIFICATIONS OF THE INSPECTION AGENT(S) ARE SUBJECT TO APPROVAL BY THE BUILDING OFFICIAL.

CONTINUOUS: THE INSPECTOR IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEIN PERFORMED

PERIODIC: THE INSPECTOR IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.

OBSERVE: THE INSPECTOR IS TO OBSERVE THESE ITEMS ON A RANDOM BASIS.

PERFORM: THE INSPECTOR IS TO PERFORM THESE TASKS FOR EACH JOINT OR MEMBER. **DOCUMENT**: THE INSPECTOR IS TO PREPARE REPORTS INDICATING WORK WAS PERFORMED PER THE CONTRACT DOCUMENTS

PROJECT NOTES:

1. THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCE AROUND THE LIMITS OF THE WORK AND LAYDOWN AREA. THE CONTRACTOR SHALL MAINTAIN FIRE ACCESS THROUGH CONSTRUCTION SITE AT ALL TIMES.

2. THE CONTRACTOR SHALL INSPECT WORK AREAS AT THE END OF EACH DAY AND ASSURE THAT THEY ARE CLEANED TO THE SATISFACTION OF THE CITY.

3. CONTRACTORS STACING AND LAYDOWN AREAS SHALL BE RESTORED TO AN EQUIVALENT OR IMPROVED CONDITION AS APPROVED BY THE CITY AT THE COMPLETION OF

CONSTRUCTION. AND DEMOLITION DEBRIS TO BE DISCARDED MUST BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS. ALL CONSTRUCTION AND DEMOLITION DEBRIS MUST BE DISPOSED OF IN AN ADEM PERMITTED CONSTRUCTION AND DEMOLITION (C&D) LANDFILL. CONTRACTOR SHALL PROVIDE COPIES OF ALL DEMOLITION LOAD TICKETS SHOWING ALL MATERIAL IS DISPOSED OF IN AN ADEM PPROVED/PERMITTED LANDFILL. CONTRACTOR SHALL PROVIDE A LETTER STATING QUANTITIES AND STORAGE LOCATION FOR ANY SALVAGED DEMOLITION DEBRIS. CONTRACTOR SHALL PROVIDE ANY APPLICABLE BURN PERMITS AND QUANTITIES OF DEMOLITION DEBRIS THAT IS BURNED.

ANY SOIL DISTURBANCE OR THE REMOVAL OF IMPERVIOUS GROUND COVERS REQUIRES STORMWATER BEST MANAGEMENT PRACTICES (BMPS) TO BE INSTALLED IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN

AREAS (ADEM ADMIN CODE 335-6-12) IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE.
THE CONTRACTOR SHALL REFERENCE THE FEMA COASTAL CONSTRUCTION MANUAL FOR TYPICAL COASTAL CONSTRUCTION BEST PRACTICES FOR SPLICING, OVERHANGS,

9. WOOD DECKING AND HANDRAILS SHALL BE VISUALLY GRADED NUMBER #2 SOUTHERN PINE FREE OF BARK LINES AND KNOTS

THIS DRAWING REPRESENTS DESIGNS PREPARED BY THOMPSON HERIORETRING POR SPECIFIC USE ON THIS PROJECT AND IS NOT TO BE COPIED, REPRODUCED, OR ALTERED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE THOMPSON ROWNEERING REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. UNAUTHORIZED USE IS SUBJECT TO LEGAL ACTI UNDER STATE AND FEDERAL LOT

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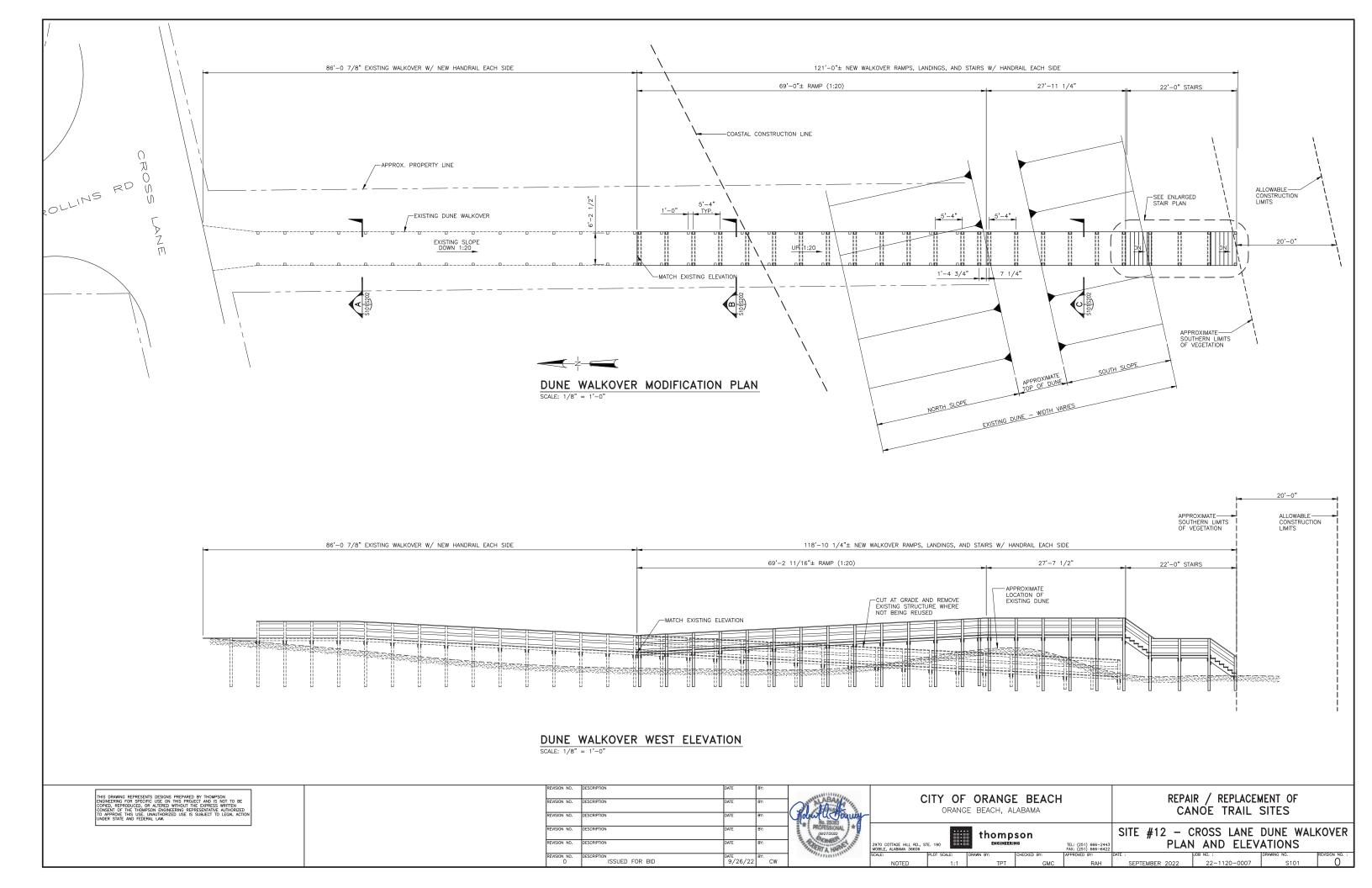


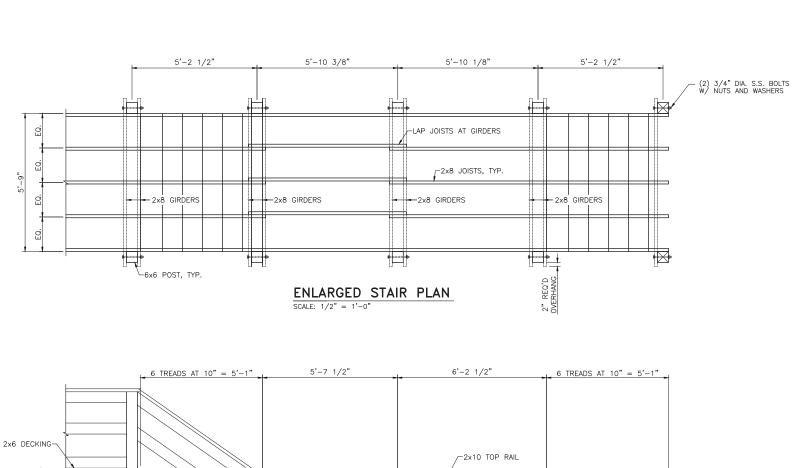
## CITY OF ORANGE BEACH

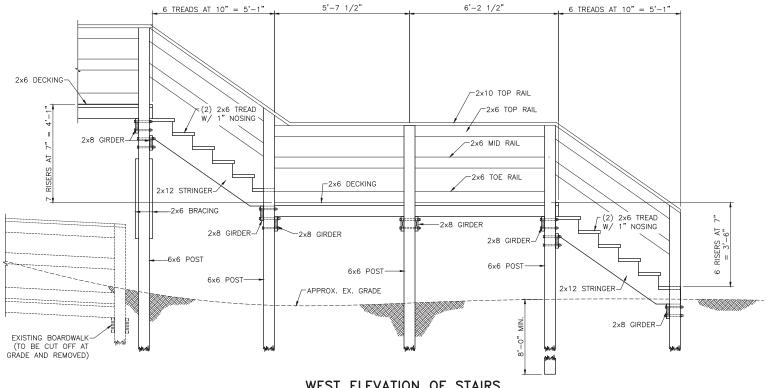
ORANGE BEACH, ALABAMA

REPAIR / REPLACEMENT OF CANOE TRAIL SITES

GENERAL NOTES thompson AND TABLES 70 COTTAGE HILL RD., STE. 190 DBILE, ALABAMA 36606 TEL: (251) 666-24-FAX: (251) 666-643







WEST ELEVATION OF STAIRS

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

REVISION NO. DESCRIPTION

DATE BY:

REVISION NO. DESCRIPTION

ENGINEERING

TEL. (25)) 666-2442

TRAIL SITES

STAIR PLAN

AND ELEVATION

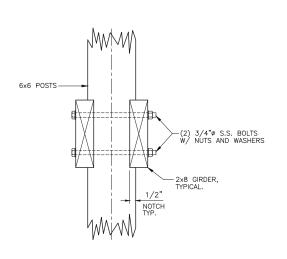
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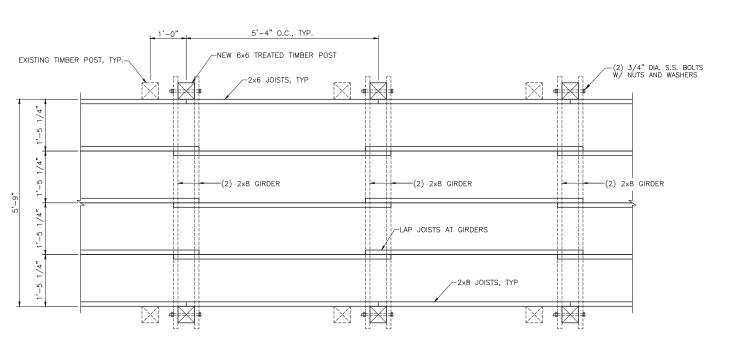
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## TYPICAL GIRDER CONNECTION

SCALE:  $1 \frac{1}{2}$ " = 1'-0"



# ENLARGED BOARDWALK PLAN SCALE: 3/4" = 1'-0"

