

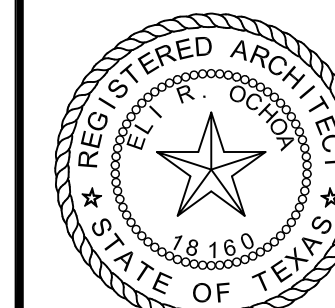
# BOAT RAMP AND DOCK IMPROVEMENTS ANZALDUAS PARK

## HIDALGO COUNTY PRECINCT No.03 EDINBURG, TEXAS

### 100% CONSTRUCTION DOCUMENTS JULY 29, 2011



300 South 8th Street  
McAllen, Texas 78501  
956.661.0400  
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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY  
ELI R. OCHOA, AIA 18160  
DATED 07.28.11

#### INDEX OF DRAWINGS:

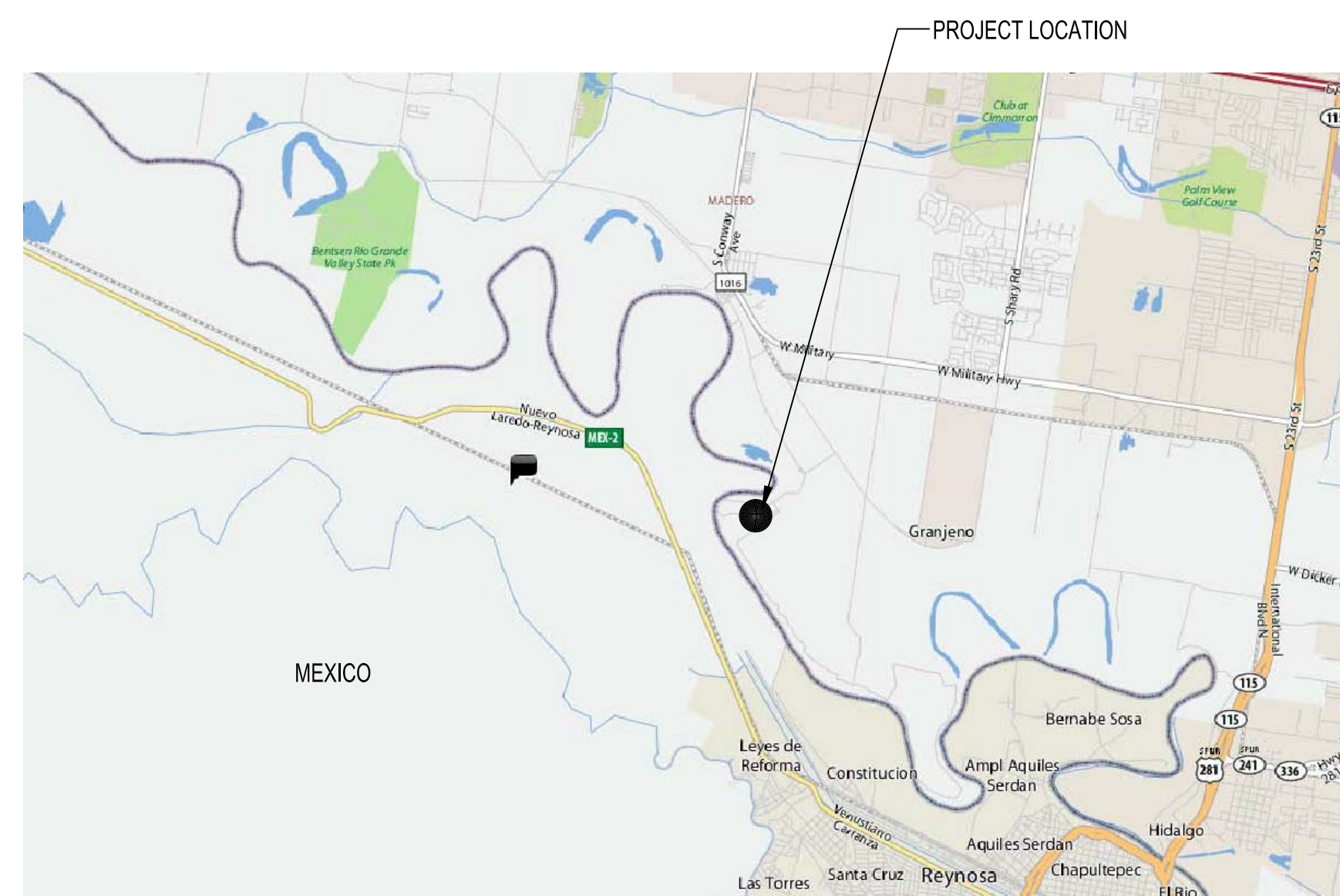
##### GENERAL

G1001 COVER SHEET

##### ARCHITECTURAL

- AE101 SITE PLAN - PHOTO LOCATIONS
- AE102 ENLARGED BOAT DOCK FRAMING & DECKING PLAN
- AE103 EXISTING BOAT RAMP FLOOR PLAN
- AE104 BOAT DOCK PHOTOS
- AE105 BOAT RAMP PHOTOS
- AE106 DETAILS

#### AREA MAP:



#### SUMMARY OF WORK:

THE SCOPE OF THIS PROJECT INVOLVES THE REMOVAL AND RECONSTRUCTION OF A PORTION OF THE EXISTING ANZALDUAS PARK BOAT DOCK AND MISCELLANEOUS REPAIRS TO THE RAILING AND DECKING OF THERE OF.

#### GENERAL NOTES:

1. POTENTIAL CONTRACTORS ARE TO FIELD VERIFY EXISTING CONDITIONS, CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, QUANTITIES AND DIMENSIONS OF ALL WORK INDICATED IN THE FIELD PRIOR TO SUBMITTING A PROPOSAL. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR THE SOLE PURPOSE OF COMPLETING PROPOSALS.
2. ALL WOOD UTILIZED ON THE PROJECT IS TO BE PRESSURE TREATED WOLMANIZED.
3. ALL FASTENERS, SCREWS, BOLTS, NUTS, WASHER, NAILS ETC. SHALL BE HOT DIPPED GALVANIZED MEETING ASTM A 153 OR BETTER.
4. ALL MATERIALS USED ON PROJECT SHALL BE OF SAME LIKE KIND, SIZE AND QUALITY OF MATERIALS USED ON EXISTING STRUCTURE TO REMAIN.
5. EXISTING AREAS REQUIRING MINOR DEMOLITION OF REPAIR FOR EXECUTIONS OF WORK SHALL BE REPAIRED BY THE CONTRACTOR TO MATCH EXISTING ADJACENT SURROUNDING MATERIALS U.N.O.
6. CONTRACTOR SHALL PROVIDE SHORING OF EXISTING STRUCTURE AS REQUIRED.
7. MATERIALS REMOVED BECAUSE THEIR EXISTING CONDITION DOES NOT ALLOW FOR RE-INSTALLATION SHALL NOT BE REUTILIZED ELSEWHERE UNLESS SPECIFICALLY NOTED AS ALLOWANCE OR PRIOR APPROVAL IS OBTAIN FROM OWNED/ARCHITECT ON A PER CASE BASIS.

#### NOTES:

ALL OFFERERS ARE STRONGLY ENCOURAGED TO VISIT THE SITE TO ASSERTION EXACT EXISTING CONDITIONS AND COMPONENTS RELATED TO THE EXECUTION OF THE SCOPE OF WORK DESCRIBED HEREIN. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.

AFTER AWARD OF CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONIES WILL NOT BE APPROVED IF THE ADDITIONAL WORK IN QUESTION COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE OFFERERS.

#### ALLOWANCE AMOUNT:

CONTRACTOR TO INCLUDE THE SUM OF \$5,000.00 IN THEIR PROPOSAL AS A CONSTRUCTION CONTINGENCY ALLOWANCE, ANY UNUSED PORTION OF THE ALLOWANCE WILL BE RETURNED TO THE OWNER UPON COMPLETION OF THE WORK.

#### UNIT PRICES:

QTY	ITEM	COST
LF	TREATED 2X6	\$

(TO BE USED IN THE EVENT ADDITIONAL REPAIRS NOT NOTED ARE NEEDED)

#### PROJECT TEAM

<b>Owner</b> Hidalgo County Precinct No.03 Edinburg, Texas Tel: 956.318.2626 ext.4857	<b>Architect</b> ERO Architects 300 S. 8th Street McAllen, Texas 78501 Tel: 956.661.0400 Fax: 956.661.0401
<b>Contact:</b> Oscar Garza Email: oscar.garza@co.hidalgo.tx.us	<b>Contact:</b> Eli R. Ochoa, AIA, P.E. Email: eochoa@eroarchitects.com

#### LOCATION MAP:



CONSULTANTS

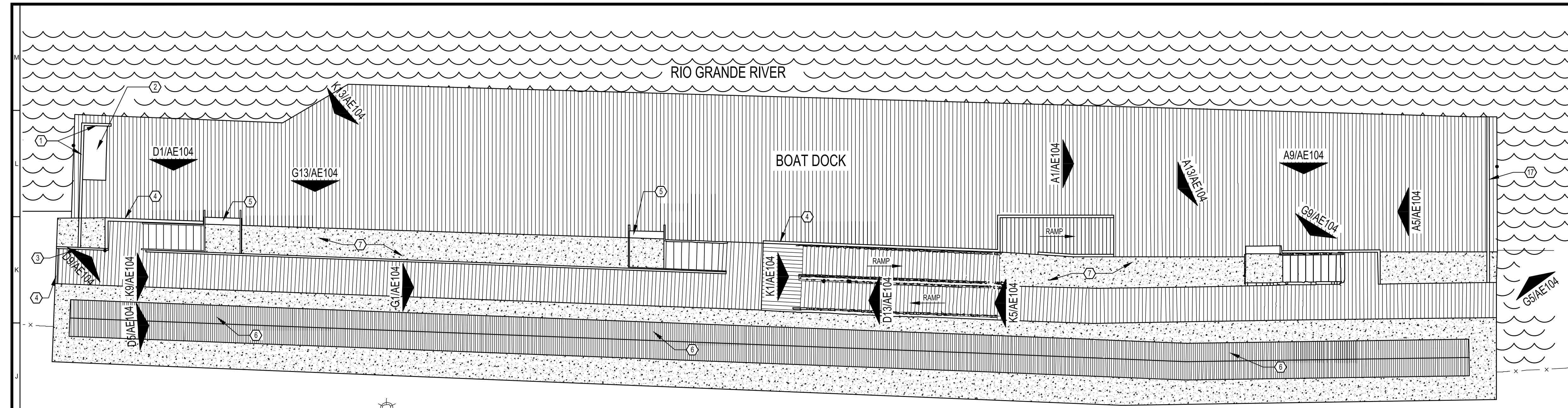
PROJECT NAME	ANZALDUAS PARK BOAT DOCK & BOAT RAMP REPAIRS
PROJECT LOCATION	PROJECT STREET PROJECT TOWN
PROJECT OWNER	CLIENT'S NAME CLIENT'S ADDRESS

MARK	DATE	DESCRIPTION

PROJECT NO: 11013  
CAD DWG FILE: G1001  
DRAWN BY: AGC, TT  
CHECKED BY: ERO  
SHEET TITLE

COVER SHEET

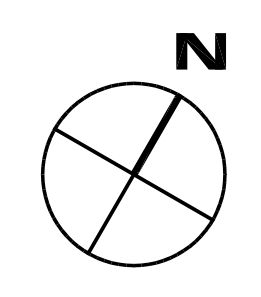
G1001



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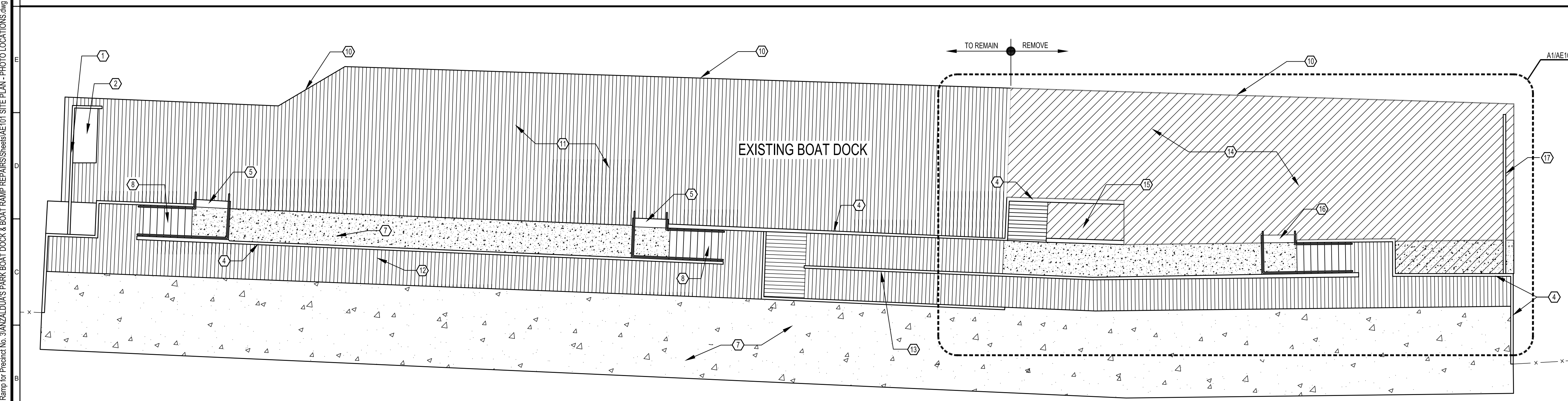
**BOAT DOCK - SITE PLAN  
PHOTO LOCATIONS**

**F1**  
NOT TO SCALE



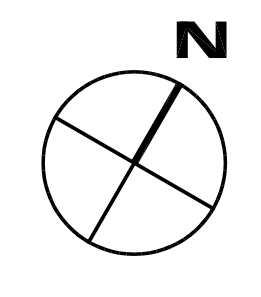
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2. REPLACE ANY BOWED, TWISTED OR WARPED 2 X 6 DECK BOARDS, WHICH CANNOT BE RE-FASTENED FLUSH WITH ADJACENT SURFACES. FIELD VERIFY QUANTITY

P:\1013 Anzaldua's Park Repair of Dock and Boat Ramp for Precinct No. 3\ANZALDUA'S PARK BOAT DOCK & BOAT RAMP REPAIRS\Sheet\AE101 SITE PLAN - PHOTO LOCATIONS.dwg, Jul 29, 2011 - 3:30PM, aaronis



**A1 BOAT DOCK - DECKING PLAN**

**A1**  
SCALE: 1/8" = 1'-0"



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CONSULTANTS

PROJECT NAME	ANZALDUA'S PARK BOAT DOCK & BOAT RAMP REPAIRS
PROJECT LOCATION	PROJECT STREET PROJECT TOWN
PROJECT OWNER	CLIENT'S NAME CLIENT'S ADDRESS

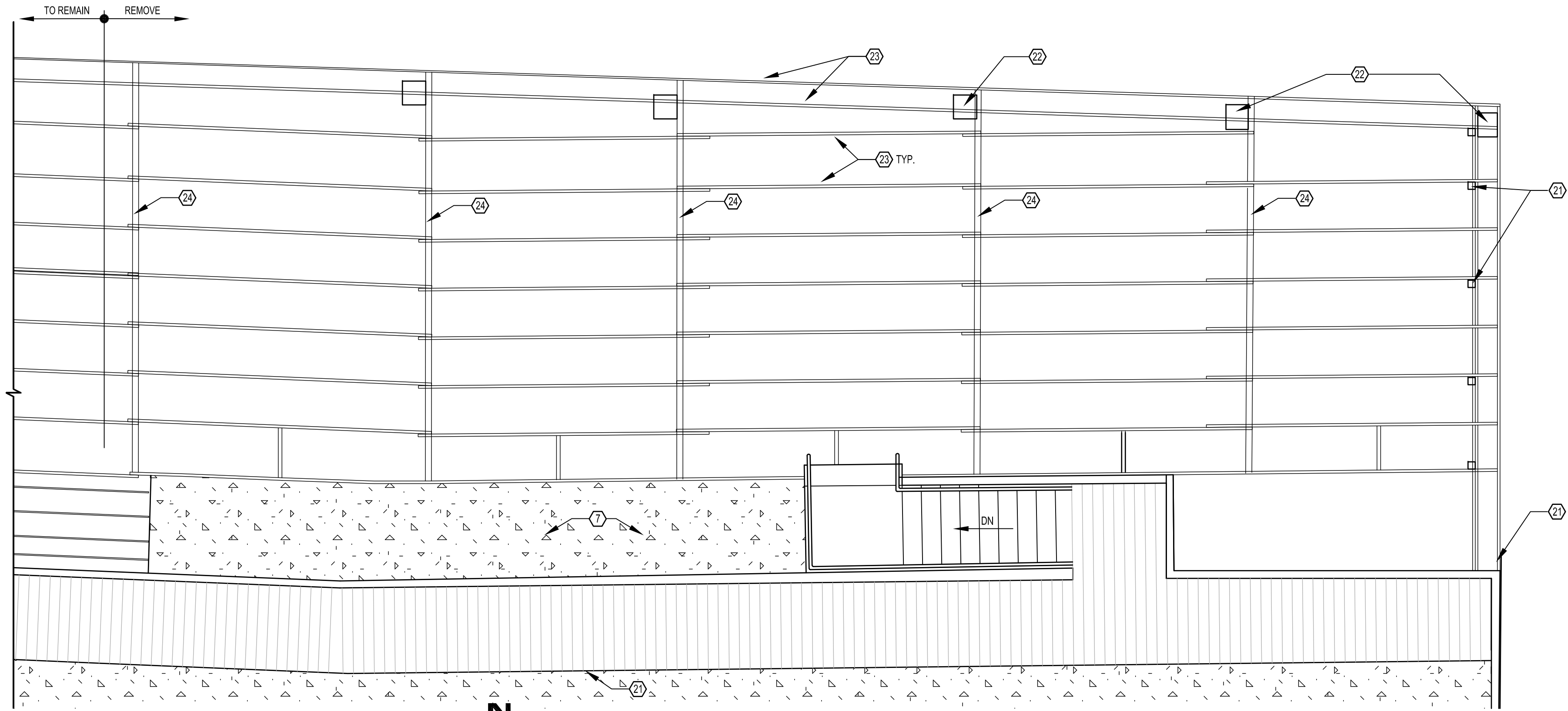
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CAD DWG FILE: AE101  
DRAWN BY: AGC, TT  
CHECKED BY: ERO  
SHEET TITLE

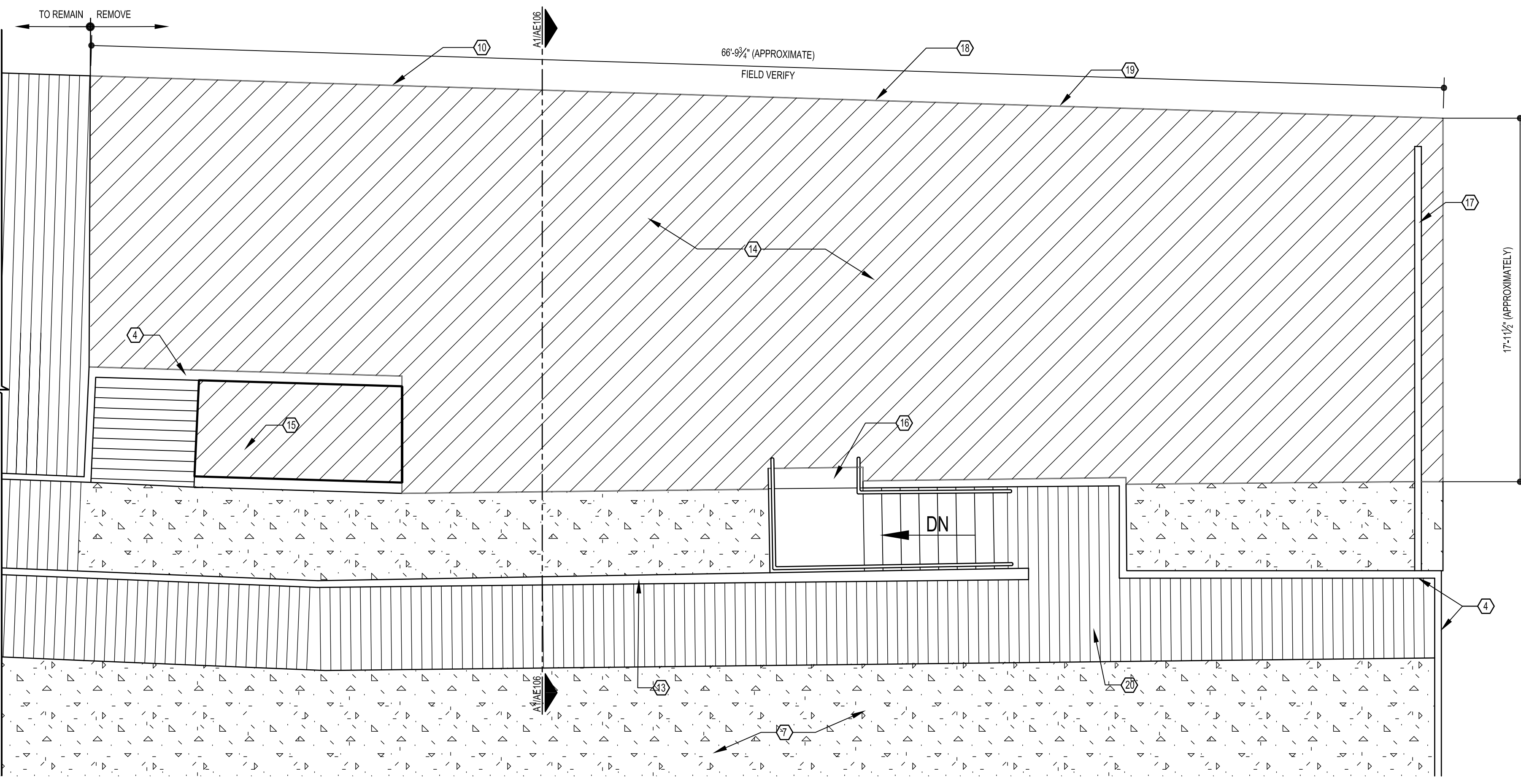
SITE PLAN - PHOTO LOCATIONS

**AE101**

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**G1 BOAT DOCK - FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



**A1 BOAT DOCK - DECKING PLAN**  
SCALE: 1/2" = 1'-0"

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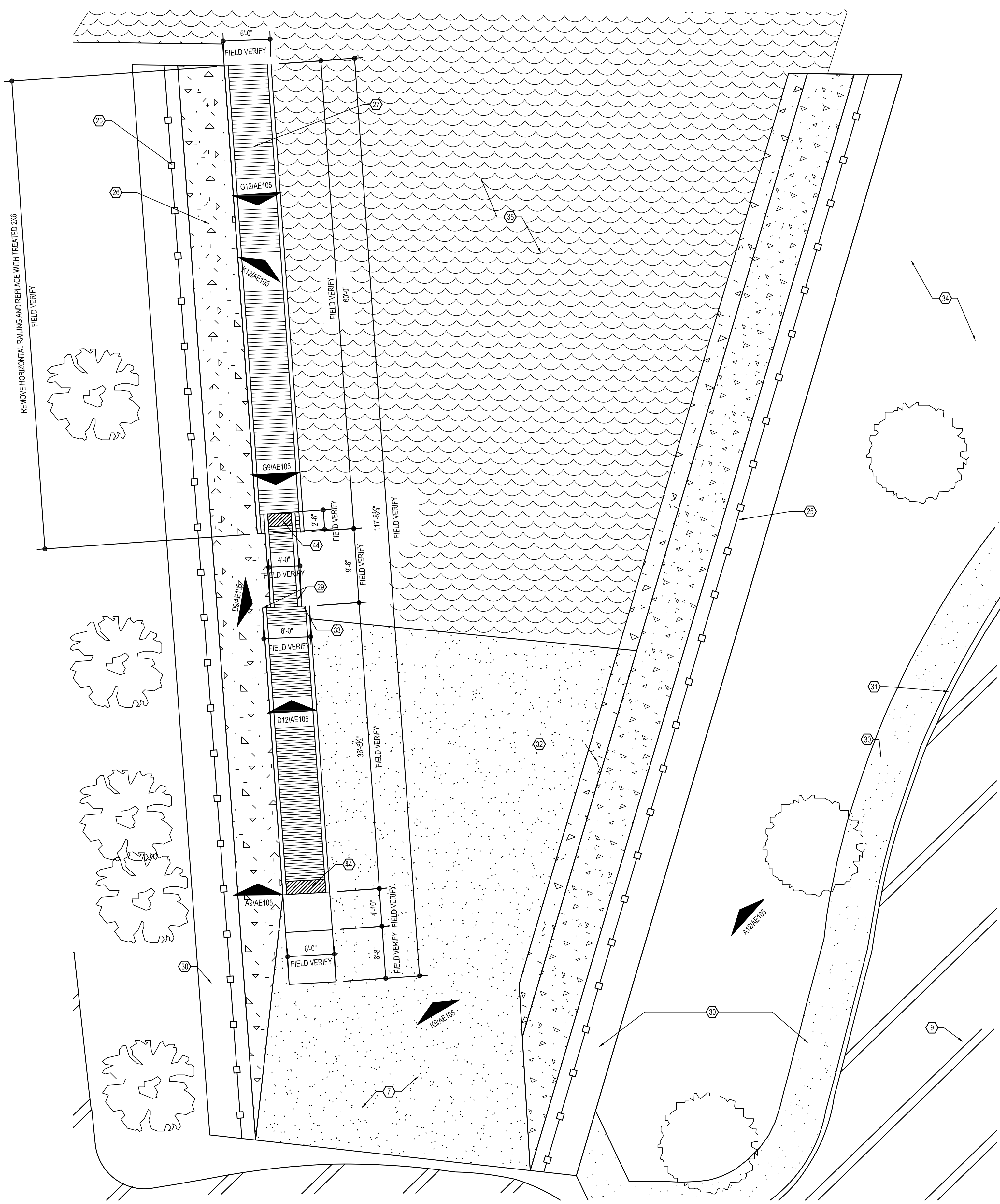
CONSULTANTS

PROJECT NAME	ANZALDUA'S PARK BOAT DOCK & BOAT RAMP REPAIRS
PROJECT STREET	
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MARK	DATE	DESCRIPTION

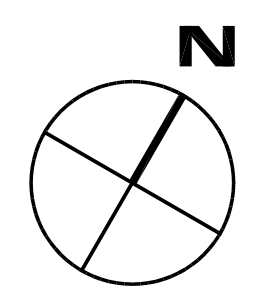
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 CAD DWG FILE: AE102  
 DRAWN BY: AGC, TT  
 CHECKED BY: ERO  
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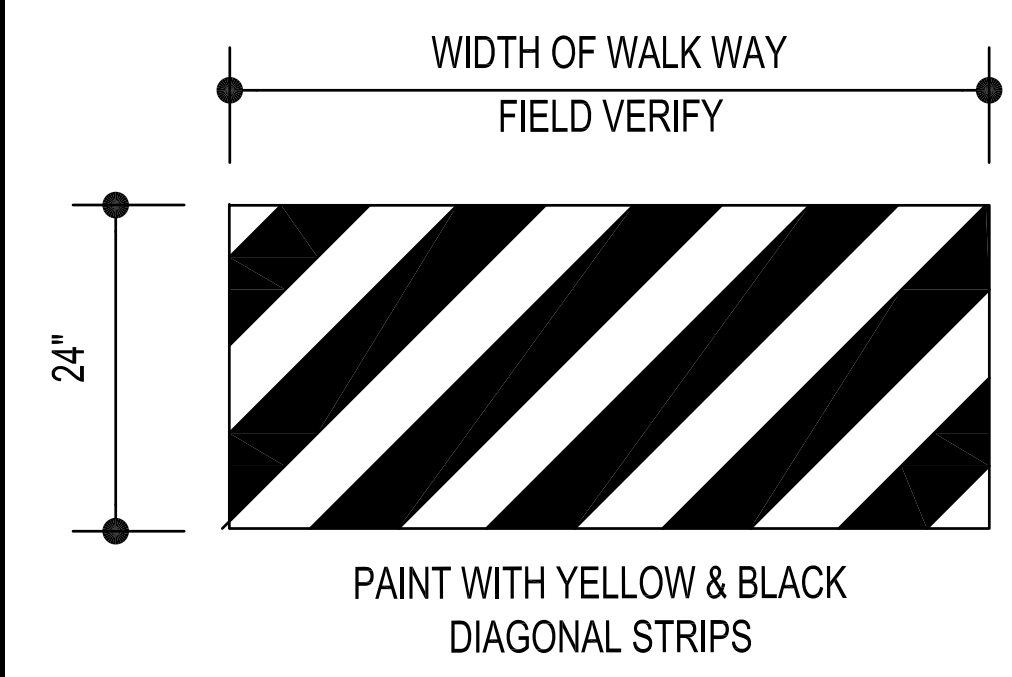
**BOAT RAMP - SITE PLAN  
PHOTO LOCATIONS**

**A1**  
SCALE: 1/8" = 1'-0"



**KEYNOTES:**

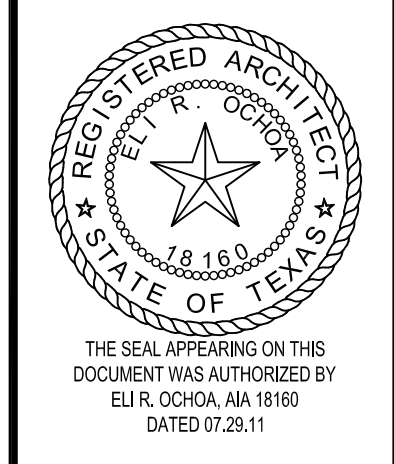
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**A13**  
SCALE: NTS



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PROJECT NO: 11013  
CAD DWG FILE: AE103  
DRAWN BY: AGC, TT  
CHECKED BY: ERO  
SHEET TITLE

EXISTING BOAT RAMP  
FLOOR PLAN

**AE103**



**K1** BOAT DOCK PHOTOS  
NOT TO SCALE



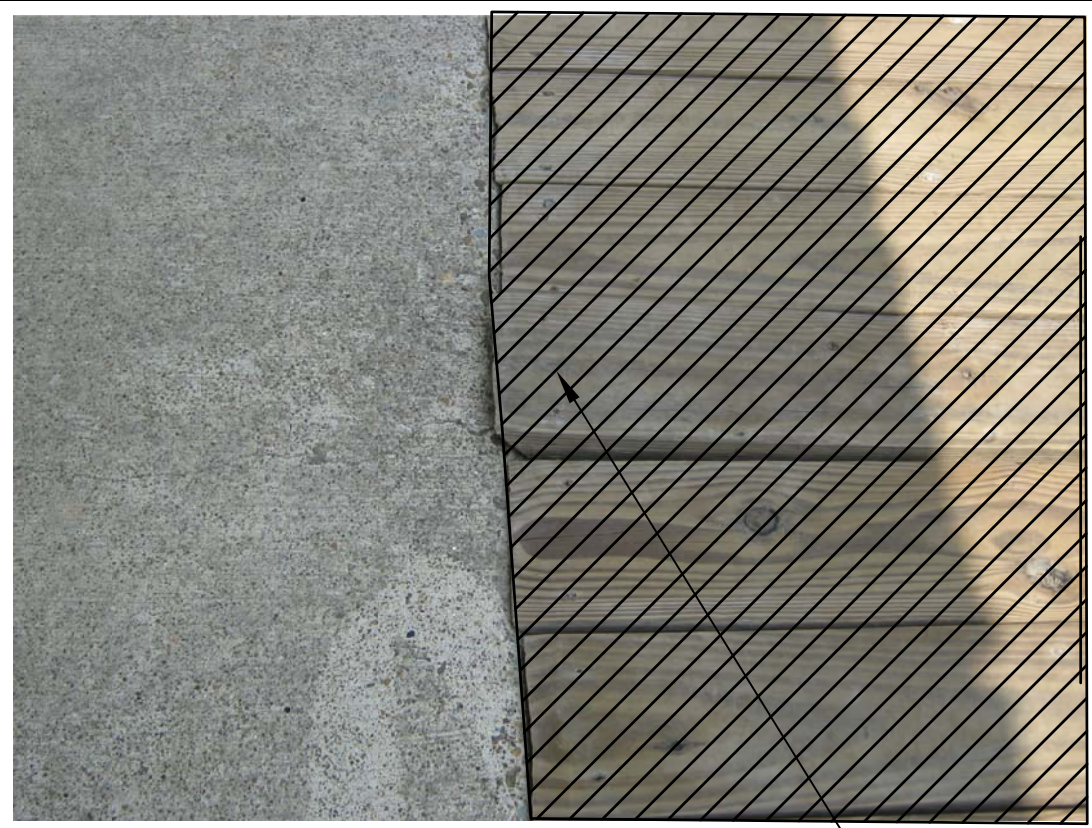
**K4** BOAT DOCK PHOTOS  
NOT TO SCALE



**K7** BOAT DOCK PHOTOS  
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**K10** BOAT DOCK PHOTOS  
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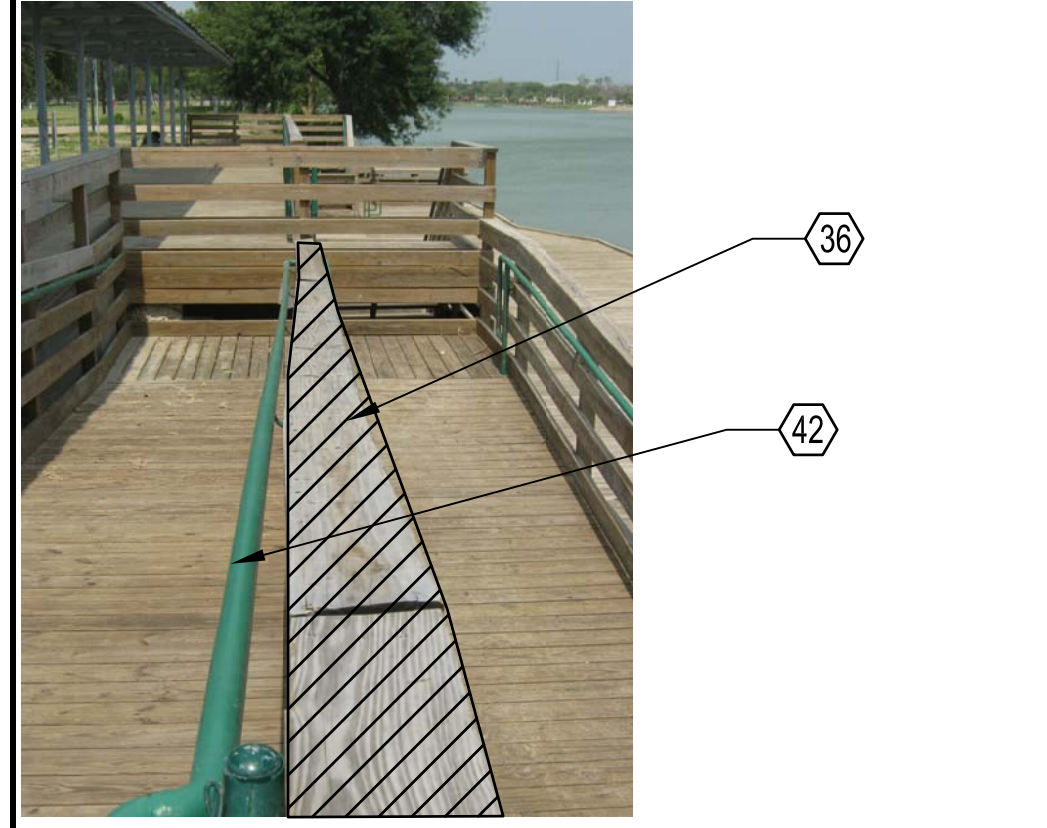
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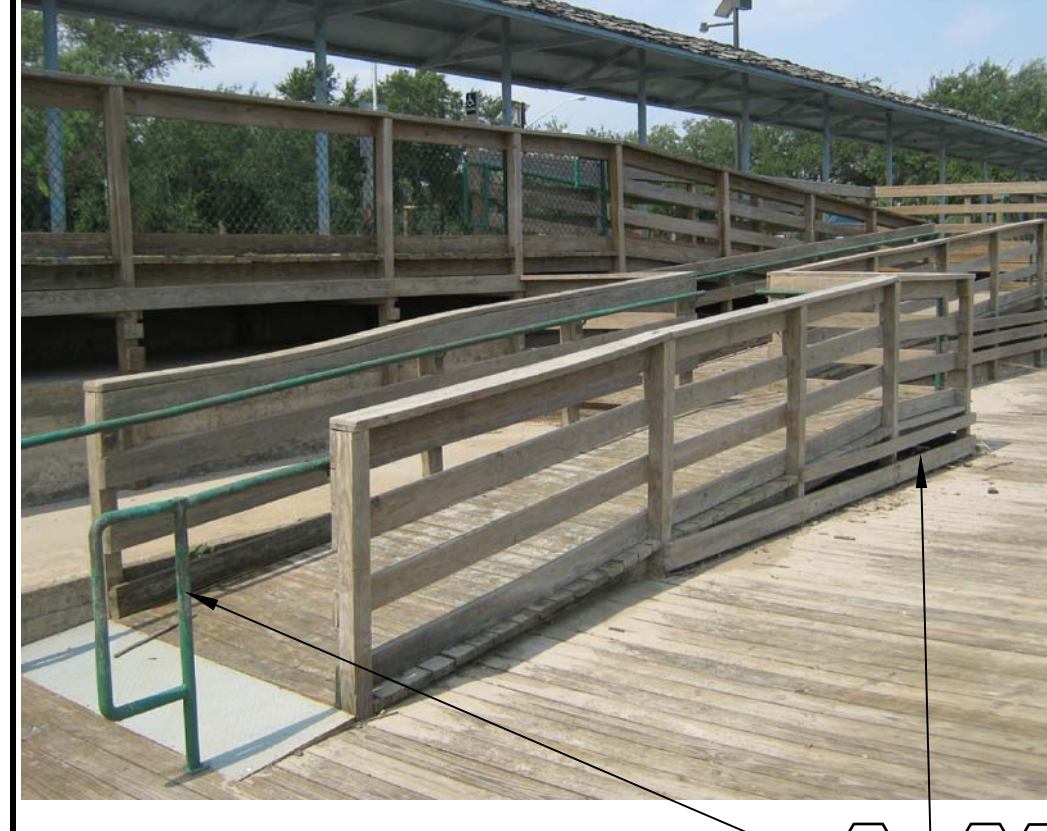
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  - 36 REMOVE TOP WOOD RAIL AND REPLACE WITH NEW TREATED 2X'S
  - 37 RE-FASTEN RAISED DECK BOARD, MAKE FLUSH WITH ADJACENT EXISTING CONCRETE WALK. REPLACE IF NECESSARY. FIELD VERIFY QUANTITY
  - 38 REMOVE ALL SAND FROM EXISTING CONCRETE STAIRS
  - 39 REMOVE & REPLACE 2X'S
  - 40 REMOVE EXISTING BOARDS & SUB-FRAMING, REFER TO PLANS FOR EXTENTS
  - 41 NOT USED
  - 42 REMOVE ALL GALVANIZED STEEL RAILS, NOTE LOCATIONS. SANDBLAST RAILING TO REMOVE ALL PAINT & RUST, THEN RE-PAINT. (COLOR PROVIDED BY OWNER) RE-INSTALL IN PREVIOUS LOCATIONS
  - 43 REMOVE ALL DEBRIS FROM EXISTING CONCRETE STAIRS
  - 44 PAINT WITH YELLOW & BLACK DIAGONAL STRIPES, REFER TO DETAIL A13/AE103
  - 45 REMOVE DEBRIS FROM BELOW RAMP
  - 46 TIGHTEN ALL RAILING FASTENERS AND REPLACE ANY SPLIT OR DAMAGED POST
  - 47 RE-FASTEN/RE-NAIL ANY RAISED/WARPED DECK BOARDS AND FASCIA BOARDS.
  - 48 RE-ATTACH BOAT BUMPER, REPLACE IF NEEDED-FIELD VERIFY FASTENER TYPE AND QUANTITY

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ELI R. OCHOA, AIA 18160 DATED 07.28.11

CONSULTANTS

PROJECT NAME	ANZALDUAS PARK BOAT DOCK & BOAT RAMP REPAIRS
PROJECT LOCATION	PROJECT STREET PROJECT TOWN
PROJECT OWNER	HIDALGO COUNTY PRECINCT No.03 CLIENT'S ADDRESS

MARK	DATE	DESCRIPTION

PROJECT NO: 11013  
CAD DWG FILE: AE104  
DRAWN BY: AGC, TT  
CHECKED BY: ERO  
SHEET TITLE: BOAT DOCK PHOTOS

P:\1013 Anzalduas Park Boat Ramp Repair of Dock and Boat Ramp for Precinct No. 3\ANZALDUAS PARK BOAT DOCK & BOAT RAMP REPAIRS\Sheets\AE104 PHOTOS.dwg Jul 29, 2011 - 4:03PM eroarchitects



46

**K1** BOAT RAMP PHOTOS  
NOT TO SCALE



46

47

**K5** BOAT RAMP PHOTOS  
NOT TO SCALE



28

**K9** BOAT RAMP PHOTOS  
NOT TO SCALE

**KEYNOTES:**

- ① EXISTING WOOD RAILING TO BE REMOVED AND REBUILT, REFER TO DETAIL G1/AE106
- ② EXISTING FISH CLEANING STATION TO REMAIN
- ③ EXISTING WOOD RAILING WITH CHAIN LINK FENCING TO REMAIN
- ④ EXISTING WOOD RAILING TO REMAIN
- ⑤ EXISTING WOOD STEP TO REMAIN
- ⑥ EXISTING CANOPY COVER
- ⑦ EXISTING CONCRETE
- ⑧ EXISTING WOOD STAIR TO REMAIN
- ⑨ EXISTING ASPHALT PAVING
- ⑩ EXISTING BOAT BUMPER REFER TO K3/AE104
- ⑪ EXISTING WOOD DECKING BOARDS TO REMAIN
- ⑫ EXISTING WOOD DECKING BOARD, REFER TO D5 AND K9/AE104
- ⑬ EXISTING TOP WOOD RAIL, REFER TO K5 AND D13/AE104
- ⑭ REMOVE EXISTING WOOD DECKING BOARDS AND SUB-FRAMING
- ⑮ REMOVE LOWER RAMP TO FACILITATE THE RE-INSTALLATION OF BOAT DOCK DECK AND STRUCTURE. RE-INSTALL AFTER REPAIRS TO DECK ARE COMPLETE
- ⑯ EXISTING WOOD STEP TO BE REMOVED AND REPLACED WHEN DECK WORK IS COMPLETE
- ⑰ NEW TREATED WOOD RAILING TO MATCH EXISTING, REFER TO DETAIL G1/AE106
- ⑱ NEW TREATED TOE BOARD, MATCH EXISTING
- ⑲ NEW BUMPER, MATCH EXISTING
- ⑳ EXISTING WOOD DECKING BOARD REFER TO D5 AND K9/AE104
- ㉑ REPLACE WITH NEW 4X4 TREATED WOOD POST
- ㉒ EXISTING POST
- ㉓ NEW TREATED 2X12
- ㉔ NEW TREATED (2) 2X12
- ㉕ EXISTING CHAIN LINK FENCE TO REMAIN
- ㉖ EXISTING CONCRETE SLOPING WALL
- ㉗ EXISTING 6X20' FLOATING PIER
- ㉘ RE-HANG WARNING SIGN, COORDINATE EXACT LOCATION WITH OWNER.
- ㉙ REMOVE CORNER RAILING POST AND REPLACE WITH NEW 4X4 TREATED POST
- ㉚ EXISTING CONCRETE SIDEWALK
- ㉛ EXISTING CONCRETE CURB
- ㉜ EXISTING CONCRETE WALK
- ㉝ REPLACE EXISTING BROKEN CHAIN LINK AND EYELETS REFER TO D9/AE103
- ㉞ EXISTING LANDSCAPE
- ㉟ WATER
- ㊱ REMOVE TOP WOOD RAIL AND REPLACE WITH NEW TREATED 2X5
- ㊲ RE-FASTEN RAISED DECK BOARD, MAKE FLUSH WITH ADJACENT EXISTING CONCRETE WALK, REPLACE IF NECESSARY-FIELD VERIFY QUANTITY
- ㊳ REMOVE ALL SAND FROM EXISTING CONCRETE STAIRS
- ㊴ REMOVE & REPLACE 2X5
- ㊵ REMOVE EXISTING BOARDS & SUB-FRAMING, REFER TO PLANS FOR EXTENTS
- ㊶ NOT USED
- ㊷ REMOVE ALL GALVANIZED STEEL RAILS, NOTE LOCATIONS, SANDBLAST RAILING TO REMOVE ALL PAINT & RUST, THEN RE-PAINT. (COLOR PROVIDED BY OWNER) RE-INSTALL IN PREVIOUS LOCATIONS
- ㊸ REMOVE ALL DEBRIS FROM EXISTING CONCRETE STAIRS
- ㊹ PAINT WITH YELLOW & BLACK DIAGONAL STRIPES, REFER TO DETAIL A13/AE103
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- ㊽ RE-ATTACH BOAT BUMPER, REPLACE IF NEEDED-FIELD VERIFY FASTENER TYPE AND QUANTITY



46

28

47

**G1** BOAT RAMP PHOTOS  
NOT TO SCALE



44

33

**G5** BOAT RAMP PHOTOS  
NOT TO SCALE



21

29

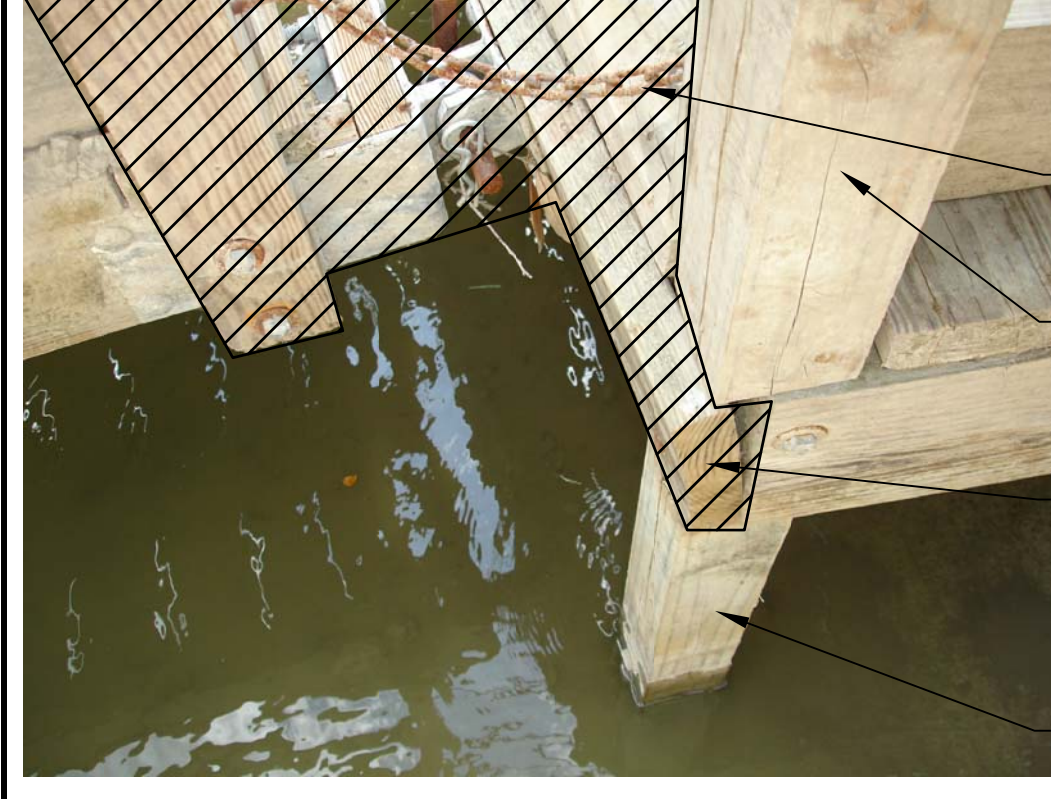
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NOT TO SCALE



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47

**D1** BOAT RAMP PHOTOS  
NOT TO SCALE



33

27

RE-FASTEN

47

**D5** BOAT RAMP PHOTOS  
NOT TO SCALE



47

46

**D9** BOAT RAMP PHOTOS  
NOT TO SCALE



46

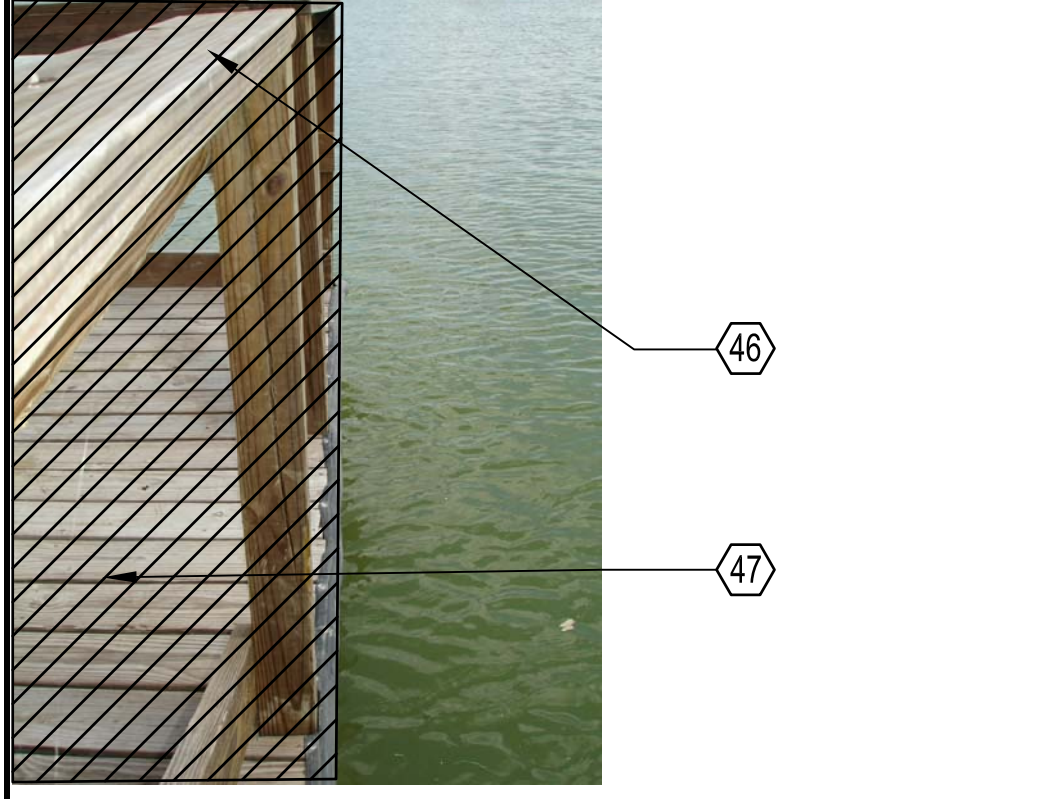
**A1** BOAT RAMP PHOTOS  
NOT TO SCALE



29

21

**A5** BOAT RAMP PHOTOS  
NOT TO SCALE



46

47

**A9** BOAT RAMP PHOTOS  
NOT TO SCALE

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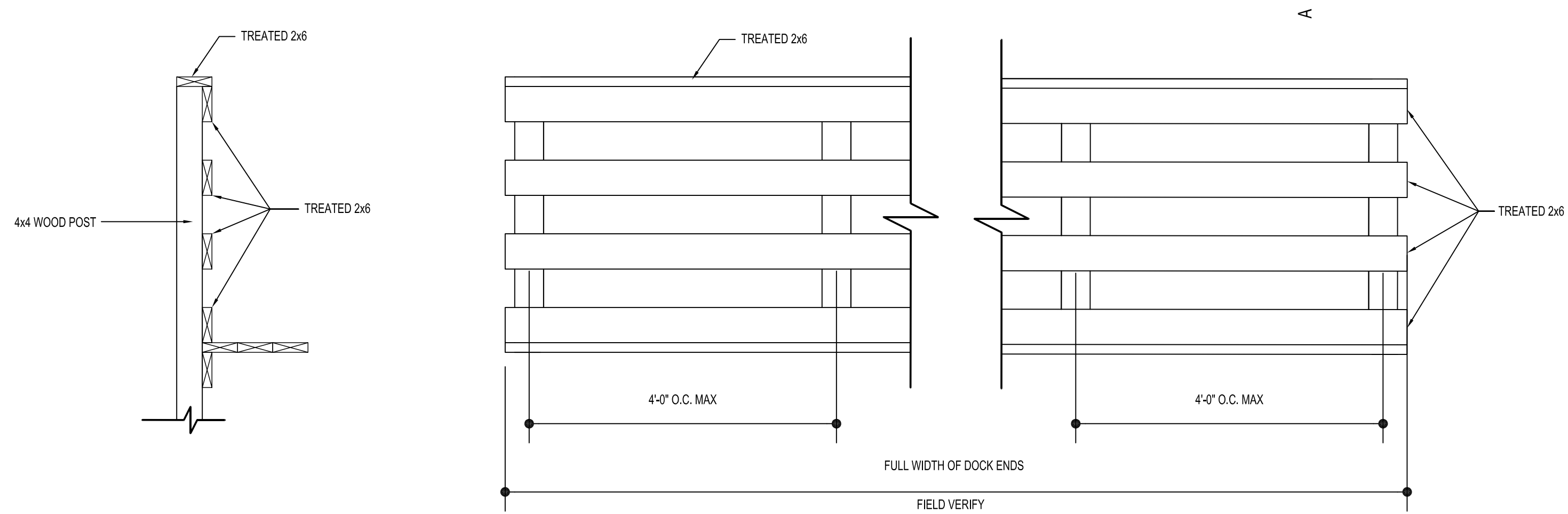
PROJECT NAME	ANZALDUAS PARK BOAT DOCK & BOAT RAMP REPAIRS
PROJECT LOCATION	PROJECT STREET PROJECT TOWN
PROJECT OWNER	CLIENT'S NAME CLIENT'S ADDRESS

MARK	DATE	DESCRIPTION

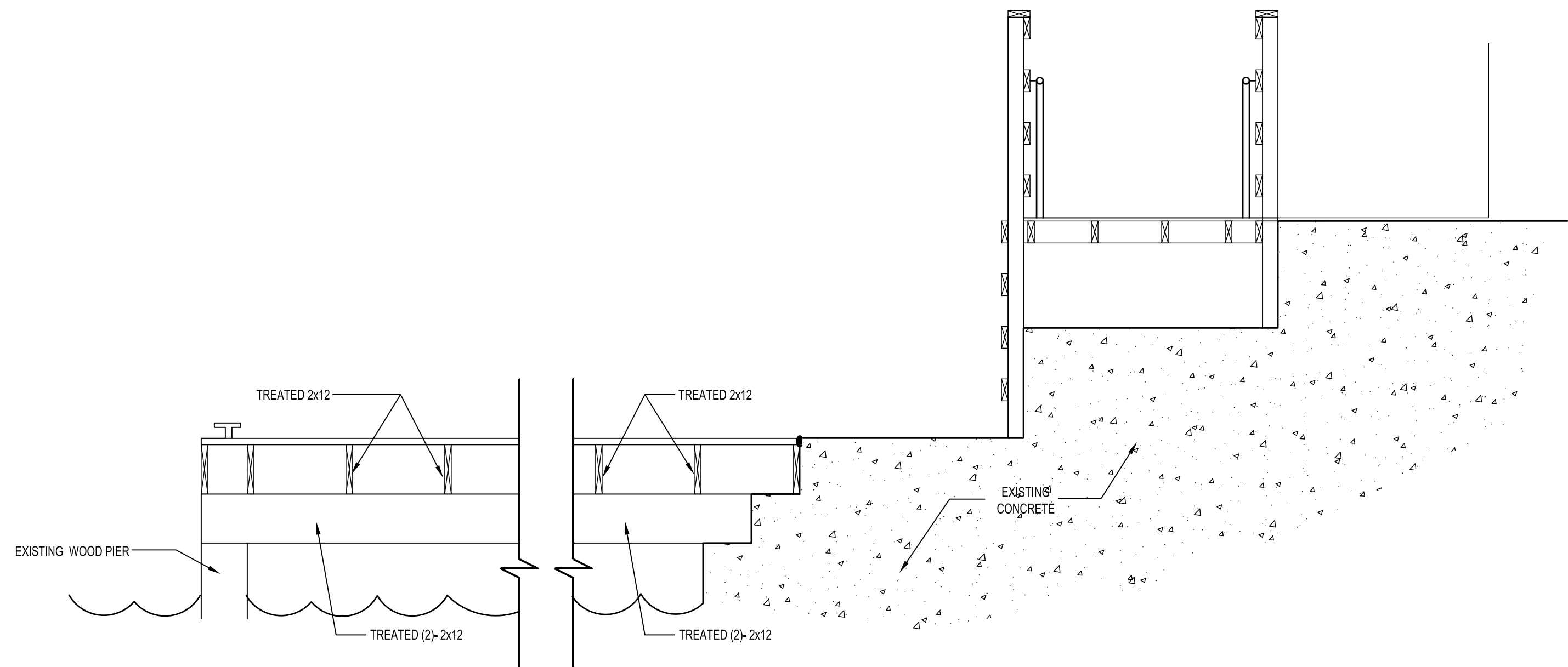
PROJECT NO: 11013  
CAD DWG FILE: AE105  
DRAWN BY: AGC, TT  
CHECKED BY: ERO  
SHEET TITLE

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**G1** RAIL DETAIL  
SCALE: 3/4" = 1'-0"



**A1** BOAT DOCK SECTION  
SCALE: 3/4" = 1'-0"

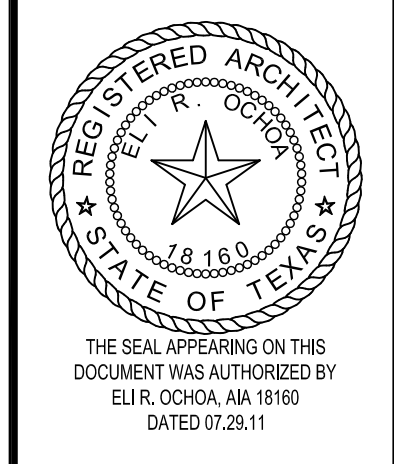
SECTION 061000

ROUGH CARPENTRY

- PART 1 GENERAL**
- 1.01 SECTION INCLUDES**
- A. Exposed timber structural framing.
  - B. Preservative treated wood materials.
  - C. Miscellaneous framing and sheathing.
- 1.02 REFERENCE STANDARDS**
- A. AWWA P5 - Waterborne Preservatives.
  - B. AWWA E13 - Standard Method of Testing to Determine Water Repellents in Pressure Treated Lumber
  - C. AWWA M4 - Care of Preservative - Treated Wood Products
  - D. AWWA U1 - Use Category System; User Specification for Treated Wood; American Wood Protection Association; 2010.
  - E. PS 1 - Structural Plywood; 2007.
  - F. PS 20 - American Softwood Lumber Standard; National Institute of Standards and Technology (Department of Commerce); 2005.
- 1.03 SUBMITTALS**
- A. See Section 013000 - Administrative Requirements, for submittal procedures.
  - B. Product Data: Provide technical data on wood preservative materials and application instructions.
  - C. Samples: For rough carpentry members that will be exposed to view, submit two samples, \_\_\_\_\_ inch in size illustrating wood grain, color, and general appearance.
- 1.04 QUALITY ASSURANCE**
- A. Lumber: Comply with PS 20 and approved grading rules and inspection agencies.
- 1.05 DELIVERY, STORAGE, AND HANDLING**
- A. General: Cover wood products to protect against moisture. Support stacked products to prevent deformation and to allow air circulation.
- PART 2 PRODUCTS**
- 2.01 GENERAL REQUIREMENTS**
- A. Dimension Lumber: Comply with PS 20 and requirements of specified grading agencies.
    - 1. Species: Southern Pine, unless otherwise indicated.
  - B. Lumber fabricated from old growth timber is not permitted.
- 2.02 EXPOSED DIMENSION LUMBER**
- A. Sizes: Nominal sizes as indicated on drawings, S4S.
  - B. Moisture Content: S-dry or MC19.
- 2.03 TIMBERS**
- A. Sizes: Nominal sizes as indicated on drawings, S4S.
  - B. Moisture Content: S-dry (23 percent maximum).
  - C. Beams and Posts 5 inches and over in thickness:
    - 1. Grade: Select Structural.
- 2.04 EXPOSED BOARDS**
- A. Submit manufacturer's certificate that products meet or exceed specified requirements, in lieu of grade stamping.
  - B. Moisture Content: Kiln-dry (15 percent maximum).
  - C. Surfacing: S4S.
  - D. Species: Douglas Fir.
  - E. Grade: No. 2, 2 Common, or Construction.
- 2.05 ACCESSORIES**
- A. Fasteners and Anchors:
    - 1. Metal and Finish: Hot-dipped galvanized steel per ASTM A 153/A 153M for high humidity and preservative-treated wood locations, unfinished steel elsewhere.
  - B. Die-Stamped Connectors: Hot dipped galvanized steel, sized to suit framing conditions.
  - C. Joist Hangers: Hot dipped galvanized steel, sized to suit framing conditions.
- 2.06 FACTORY WOOD TREATMENT**
- C. Treated Lumber and Plywood: Comply with requirements of AWWA U1 - Use Category System for wood treatments determined by use categories, expected service conditions, and specific applications.
    - 1. Preservative-Treated Wood: Provide lumber and plywood marked or stamped by an AISC-accredited testing agency, certifying level and type of treatment in accordance with AWWA standards.
  - D. Preservative Treatment:
    - 1. Manufacturers:
      - a. Arch Wood Protection, Inc; Product \_\_\_\_\_; www.walmarizedwood.com.
      - b. Osmose, Inc; www.osmose.com.
    - E. Preservative Pressure Treatment of Lumber Above Grade: AWWA U1, Use Category UC3B, Commodity Specification A using waterborne preservative to 0.25 lb/cu ft retention.
      - 1. Kiln dry lumber after treatment to maximum moisture content of 19 percent.
        - a. Treat lumber exposed to weather.
        - 2. Treat lumber less than 18 inches above grade.
- PART 3 EXECUTION**
- 3.01 PREPARATION**
- A. Coordinate installation of rough carpentry members specified in other sections.
- 3.02 INSTALLATION - GENERAL**
- A. Select material sizes to minimize waste.
  - B. Reuse scrap to the greatest extent possible; clearly separate scrap for use on site as accessory components, including: shims, bracing, and blocking.
- 3.03 FRAMING INSTALLATION**
- A. Set structural members level, plumb, and true to line. Discard pieces with defects that would lower required strength or result in unacceptable appearance of exposed members.
  - B. Make provisions for temporary construction loads, and provide temporary bracing sufficient to maintain structure in true alignment and safe condition until completion of erection and installation of permanent bracing.
  - C. Install structural members full length without splices unless otherwise specifically detailed.
  - D. Comply with member sizes, spacing, and configurations indicated, and fastener size and spacing indicated, but not less than required by applicable codes and AWWA Wood Frame Construction Manual.
- 3.04 BLOCKING, NAILERS, AND SUPPORTS**
- A. Specifically, provide the following non-structural framing and blocking:
    - 1. Headers.
    - 2. Grab bars.
- 3.05 CLEANING**
- A. Waste Disposal: Comply with the requirements of Section 017419.
    - 1. Comply with applicable regulations.
    - 2. Do not burn scrap on project site.
    - 3. Do not burn scraps that have been pressure treated.
    - 4. Do not send materials treated with pentachlorophenol, CCA, or ACA to co-generation facilities or "waste-to-energy" facilities.
  - B. Do not leave any wood, shavings, sawdust, etc. on the ground or buried in fill.
  - C. Prevent sawdust and wood shavings from entering the storm drainage system.
- END OF SECTION**



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PROJECT NAME ANZALDUA'S PARK BOAT DOCK & BOAT RAMP REPAIRS	CLIENT'S NAME CLIENT'S ADDRESS
PROJECT LOCATION PROJECT STREET PROJECT TOWN	CLIENT'S NAME CLIENT'S ADDRESS

MARK	DATE	DESCRIPTION

PROJECT NO: 11013  
CAD DWG FILE: AE106  
DRAWN BY: LA  
CHECKED BY: ERO  
SHEET TITLE

DETAILS

AE106