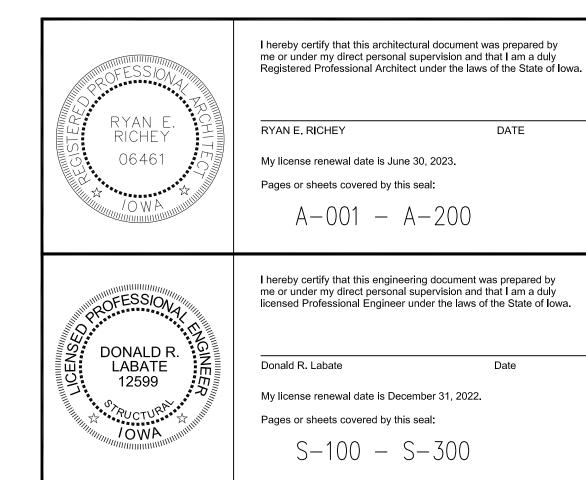
Iowa Deptment of Natural Resouces

Construction Drawings Fishing Pier Renovations Lake Ahquabi Warren County, lowa

> PROJECT # 22-05-91-08 Plans Prepared by Land and Water Bureau Conservation and Recreation Division



AUTHORIZED - PARKS | WILDLIFE | FISHERIES | LAW ENFORCEMENT

SHEET INDEX SHEET. NO. SHEET TITLE ARCHITECTURAL COVER SHEET NOTES AND PROJECT NARRATIVE PROJECT LOCATION DEMOLITION SITE PLAN ARCHITECTURAL SITE PLAN A-012 SITE DETAILS REFERENCE FLOOR PLAN AND DETAILS PIER SECTIONS AND ELEVATIONS STRUCTURAL PLAN AND NARRATIVE STRUCTURAL SECTIONS AND DETAILS STRUCTURAL SECTIONS AND DETAILS

BID ITEMS

ITEM DESCRIPTION

3 | 5" PCC Seawall Sidewalk, Subbase, and Curbing

5 Pier Shelter and Structural Steel

6 | Electrical and Lighting

7 | Fish Cleaning Tables

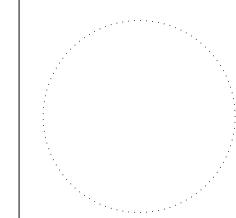
9 Boardwalk Benches

Site Restoration

8 Picnic Tables

4 Pier Structural Wood, Handrails, and Composite Decking

NUMBER





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QUANTITY

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DRAWN BY: PROJECT NUMBER:



SIOWA CALL

1-800-292-8989 Www.iowaonecall.com

PROJECT DESCRIPTION		AUTHORIZATION TO BID
THE EXISTING FISHING PIER AT LAKE AHQUABI WAS BUILT IN THE EARLY 1990s. THE PIER NEEDS A RENOVATION AS THE DECKING BOARDS, SHELTER, AND HANDRAILS ARE IN POOR CONDITION AND NEED TO BE REPLACED. THIS PROJECT WILL REMOVE THE ENCLOSED SHELTER, ADD STRUCTURAL STEEL TO THE SUPERSTRUCTURE AND A NEW, OPEN AIR, SHELTER WILL BE INSTALLED. NEW TREATED WOOD FLOOR JOISTS, COMPOSITE DECKING, TREATED WOOD HANDRAILS, FISH CLEANING STATIONS AND ELECTRICAL WILL BE INSTALLED. THE ADJACENT BOARDWALK, AND CONCRETE BUILDING SLAB WILL BE REMOVED AND REPLACED WITH A NEW ACCESSIBLE CONCRETE BOARDWALK TO THE PIER.		
	E	NGINEERING BUREAU CHIEF

DIMENSION NOTES

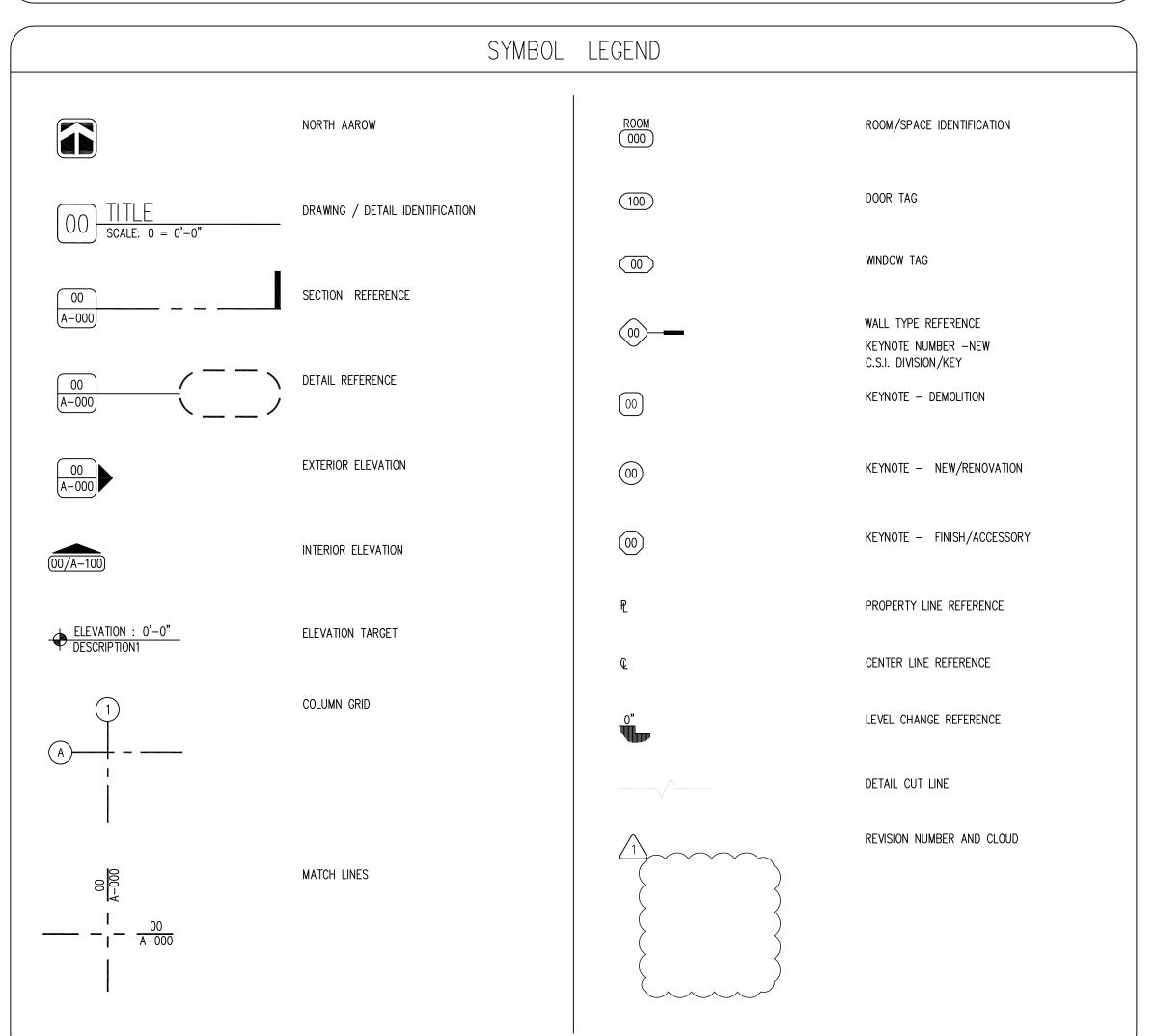
"EQUAL OR EQ" IS USED IN LIEU OF THE ACTUAL DIMENSIONS. WHEN A ROOM CENTERLINE IS INDICATED ONLY ONE SIDE OF THE ROOMS ELEMENTS

1. IN INTERIOR SPACES THE ACTUAL DIMENSIONS MAY BE LESS IMPORTANT THAN IF AT

TWO ELEMENTS IN THE BUILDING WERE TO BE EQUAL. IN THESE CASES, THE WORD

- MAY BE DIMENSIONED.
- COLUMN IDENTIFICATION: DETAILS WILL GOVERN ALL DIMENSIONS AND NO DIMENSIONS WILL BE SHOWN ON SMALL SCALE PLANS.
- PARTITION CENTERED ON COLUMN OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
- PARTITION WITH A FINISHED FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT be DIMENSIONED ON SMALL SCALE PLANS.
- PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS
- WHEN ONE JAMB OCCURS AT A COLUMN OR GRID LINE NO DIMENSIONS WILL BE SHOWN ON THE SMALL SCALE PLANS. THE OPENING WIDTH WILL BE GOVERNED BY CRITERIA OR SCHEDULES.
- WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.
- DOOR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:
- a. ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. 4"TYPICAL UNLESS INDICATED ON PLAN.
- b. OR AS DIMENSIONED ON PLAN.
- 10. PARTITIONS ARE DIMENSIONED TO FACE OF CMU OR FACE OF STUD UNLESS OTHERWISE NOTED.
- 11. DIMENSIONS ARE INDICATED IN THE DOCUMENTS. THE DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.

MATERIAL LEGEND EARTH CONCRETE MASONRY UNIT GYPSUM / STUCCO MASONRY COMPACTED EARTH METAL STUD GROUT CONCRETE GRASS PARTICLE BOARD CRUSHED STONE/SAND GRAVEL FOAM INSULATION CAST STONE/STONE PLYWOOD STONE BATT INSULATION RIGID INSULATION FENCE ACOUSTICAL CEILING TILE ALUMINUM TURF BLOCK PLASTIC WOOD BLOCKING PAVERS CARPET FINISHED WOOD CONTINUOUS WOOD



GENERAL NOTES

THE FOLLOWING GENERAL NOTES SHALL PERTAIN TO THE ENTIRE SET OF CONTRACT DOCUMENTS

- A GENERAL CONTRACTOR SHALL NOTE THAT THE ARCHITECTURAL DRAWINGS ARE ESTABLISHING A MINIMUM MATERIAL OR CONSTRUCTION METHOD STANDARD. THE GENERAL CONTRACTOR SHALL PROVIDE A BID PRICE
- BASED ON THE SPECIFIC MATERIALS NOTED. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
- GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PERFORM THEIR WORK IN ACCORDANCE WITH ALL APPLICABLE CODES GOVERNING EACH TRADE.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN AND ORGANIZED JOB SITE, ACCEPTABLE TO THE OWNER.
- THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE OWNER REPRESENTATIVE.. THERE SHALL BE NO DEVIATION BY THE GENERAL CONTRACTOR FROM THE CONSTRUCTION DOCUMENTS UNLESS
- APPROVED IN WRITING BY THE ARCHITECT.
- EACH CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO THE INITIATION OF WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONDITIONS INTERFERING WITH THE ABILITY OF THE
- CONTRACTOR TO COMPLETE WORK AS OUTLINED ON THE CONSTRUCTION DRAWINGS. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH OTHER TRADES. LACK OF THIS
- COORDINATION RESULTING IN ADDED COST TO THE CONTRACT WILL BE BORNE BY THE CONTRACTOR. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING BUILDING WATER TIGHT DURING
- 10. THE CONTRACTOR WILL VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING

THEY MAKE TO CHANGE OR ALTER THE CONSTRUCTION DOCUMENTS WITHOUT THE ARCHITECT'S WRITTEN

- THROUGHOUT ALL PHASES OF CONSTRUCTION.
- 11. PLAN DIMENSIONS ARE GIVEN TO FACE OF STUD OR BLOCK WALL. "CLEAR" DIMENSIONS ARE GIVEN TO THE FACE 12. THE OWNER WILL ASSUME ALL LIABILITY AND SHALL TAKE PERSONAL RESPONSIBILITY FOR ANY DECISIONS THAT
- APPROVAL. PROTECT ALL EXISTING FINISHES AND MATERIALS TO REMAIN. IN ACCORDANCE WITH ACCEPTABLE TRADE

PRACTICES, MANUFACTURER, RECOMMENDATIONS, OR AS DIRECTED BY THE ARCHITECT.

- CUTTING OF EXISTING CONSTRUCTION FOR THE INSTALLATION OF ALL NEW WORK BY ALL TRADES, AND THE SUBSEQUENT PATCHING THEREOF, SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, WHETHER THE WORK IS DONE BY HIS OWN FORCES OR NOT. GRINDING OF MATERIALS FOR REMOVAL SHALL NOT BE PERMITTED. CUTTING SHALL BE TO STRAIGHT LINE. UNWORKMAN-LIKE CUTTING, DAMAGE RESULTING THEREFROM AND UNACCEPTABLE PATCHING SHALL BE REPAIRED AND/OR REPLACED TO AN ACCEPTABLE CONDITION APPROVED BY THE ARCHITECT. A OWNER PROJECT REPRESENTATIVE SHALL BE NOTIFIED PRIOR TO CUTTING OF ANY STRUCTURAL ITEM (I.E. CONCRETE FLOOR, MASONRY. WALL, ETC.) WITHIN THE EXISTING BUILDING, METHOD OF CUTTING SHALL BE APPROVED BY THE OWNER PROJECT REPRESENTATIVE.
- 15. PATCHING MATERIAL SHALL MATCH EXISTING ADJACENT MATERIALS AS CLOSELY AS POSSIBLE IN COLOR. PATTERNS, AND/OR TEXTURES.
- 16. ALL SALVAGE MATERIALS REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. ALL NON-SALVAGE CONSTRUCTION MATERIALS AND DEBRIS FROM DEMOLITION WORK SHALL BE REMOVED FROM THE SITE AS WORK
- PROGRESSES, UNLESS OTHERWISE NOTED. 17. ISOLATE ALL DISSIMILAR METALS. G SHALL REQUEST APPROVAL BY THE ARCHITECT FOR MATERIALS USED FOR
- THIS PURPOSE, PRIOR TO INSTALLATION. 18. SEALANTS SHALL BE COMPATIBLE WITH ADJACENT SURFACE(S) THAT ARE IN CONTACT. REFER TO SPECIFICATIONS
- FOR APPROVED MANUFACTURERS AND PROCEDURES.
- 19. CAULK JOINTS OF DISSIMILAR EXPOSED TO VIEW MATERIALS AS REQUIRED BY THE ARCHITECT. 20. ALL DOOR HARDWARE TO BE FL. ADA COMPLIANT.
- ALL EXTERIOR WALLS, DOORS AND WINDOWS ARE EXISTING U.N.O.
- 22. ALL FINISHES TO BE PER CLASS INDICATED ON A-004 NO CONSTRUCTION SHALL OCCUR WITHOUT SHOP DRAWING APPROVAL. SHOP DRAWINGS TO BE PROVIDED TO
- ARCHITECT FOR REVIEW UPON BEING REVIEWED AND SIGNED/DATED BY THE GENERAL CONTRACTOR AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING ITEMS:
 - CABINETRY MILLWORK - RUNNING TRIM AND CASING PROFILES
 - PAINT/LAMINATE COLOR SAMPLES
 - ACOUSTICAL CEILING AND GRID - TOILET ACCESSORIES
 - KITCHEN EQUIPMENT
 - ROOF PENETRATIONS HVAC EQUIPMENT

CONSTRUCTION.

- PLUMBING EQUIPMENT AND FIXTURES
- ELECTRICAL EQUIPMENT AND FIXTURES
- 24. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT (2) COPIES OF MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL PRODUCTS USED TO PERFORM THE WORK.

VERIFY ACTUAL LOCATIONS AND ELEVATIONS WITH DNR ENGINEER.

ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND

THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE PROJECT AREA AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE ACTUAL JOB CONDITIONS PRIOR TO BIDDING AND THE START OF WORK. FAILURE TO VISIT THE PROJECT SITE SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK IN ACCORDANCE TO THE PLANS, SPECIFICATION, SPECIAL PROVISIONS AND CONTRACT.

THE CONTRACTOR SHALL VERIFY, AT THE SITE, ALL DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS AND SHALL NOTIFY THE DNR ENGINEER OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS PRIOR TO PROCEEDING WITH THE WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIAL (EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THESE SITES. NO MATERIAL SHALL BE PLACED WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE DNR ENGINEER.

THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE DNR ENGINEER.

WHERE UTILITIES AND FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DNR ENGINEER OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL BE AFFORDED ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

THE CONTRACTOR SHALL SHAPE GRADED AREA TO MAINTAIN SURFACE DRAINAGE. ALL ELEVATIONS ARE TO FINISH GRADE.

THE CONTRACTOR IS EXPECTED TO HAVE MATERIALS, EQUIPMENT, AND LABOR AVAILABLE ON A DAILY BASIS TO INSTALL AND MAINTAIN EROSION CONTROL FEATURES ON THE PROJECT. THIS MAY INVOLVE SEEDING, SILT FENCE, ROCK DITCH CHECKS, SILT BASINS OR SILT DIKES.

PROJECT NARRATIVE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL ITEMS WITHIN THIS NARRATIVE. THE DRAWINGS, AND PROJECT MANUAL UNLESS SPECIFICALLY NOTED OTHERWISE. THIS NARRATIVE IS NOT MEANT TO BE A COMPREHENSIVE ACCOUNT OF ALL ITEMS TO BE COVERED BY THE CONTRACT, REVIEW ALL DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS AND ESTABLISHING ALL QUANTITIES THAT ARE DICTATED AS "LUMP SUM".

LAKE AHQUABI IS CURRENTLY DRAINED DOWN AND WILL BE FOR THE NEXT YEAR. WHILE THIS LAKE IS DOWN, A RENOVATION PROJECT ON THE FISHING PIER WILL TAKE PLACE. THE PROJECT WILL PLACE ALL NEW WOOD STRUCTURE OVER THE EXISTING STEEL STRUCTURE, NEW COMPOSITE DECKING, NEW RAILINGS, AND NEW STEEL SHELTER ON THE PIER.

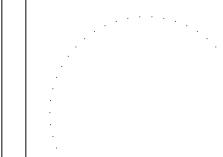
CONTRACTOR SHALL RELOCATE ELECTRICAL PANEL TO SHORE IN LOCATION SHOWN. THE CONTRACTOR SHALL RUN NEW ELECTRIC UNDERGROUND FROM THE EXISTING PEDESTAL TO THE SITE LIGHTS AND PIER IN 2". NEMA 4X WATER-PROOF CONDUIT AND SHALL BE NEC COMPLIANT AND INSTALLED BY A LICENSED ELECTRICIAN. CONTRACTOR TO RUN NEW NEMA 4X EXTERIOR RATED (WATER-PROOF) ELECTRICAL OUT TO THE PIER TO TWO (2) 120V DUPLEX LOCATIONS. CONTRACTOR SHALL INSTALL A NEW POLE MOUNTED LIGHT WITH TWO HEADS AS SHOWN ON SITE PLAN.

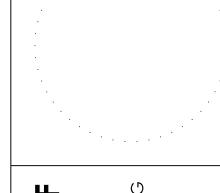
CONTRACTOR SHALL DEMOLISH THE EXISTING ASPHALT TRAIL, CONCRETE SLAB, AND CONCESSION BUILDING CONCRETE FOOTING 12" BELOW GRADE LEVEL OF GRADE. THE CONTRACTOR SHALL REMOVE THE WOOD BOARDWALK ATTACHED TO THE SEAWALL AND ALL OF THE ASSOCIATED STEEL STRUCTURE AND PATCH ANY HOLES IN THE CONCRETE WITH NON-SHRINK EPOXY GROUT. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL WOOD FROM THE PIER (DECKING, RAILINGS, JOISTS, NAILERS, ETC.) DOWN TO THE STEEL SUPERSTRUCTURE. CONTRACTOR TO CLEAN AND PREP STEEL STRUCTURE FOR INSTALLATION OF NEW WOOD FRAMING AND COMPOSITE DECKING. THE CONTRACTOR SHALL ALSO REMOVE ALL ELECTRICAL ON THE PIER BACK TO THE EXISTING ELECTRICAL PEDESTAL AND PREP FOR NEW ELECTRICAL CONDUIT AND INSTALL.

CONTRACTOR SHALL THEN POUR A NEW CONCRETE SEAWALL SIDEWALK WITH A TREATED 4X4 CURB ALONG THE SEAWALL. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS THEN HYDRO-SEED THE DISTURBED AREAS. CONTRACTOR SHALL INSTALL TWO (2) 8'-0" BENCHES ADJACENT TO THE SIDEWALK.

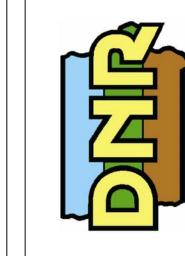
CONTRACTOR SHALL INSTALL THE NEW STEEL BEAMS FOR THE SHELTER SUPPORT. THE CONTRACTOR SHALL INSTALL THE NEW STEEL SHELTER ON THE MODIFIED STRUCTURE BELOW, AS SHOWN ON STRUCTURAL PAGES S-100 - S-300. THE CONTRACTOR SHALL THEN INSTALL ALL NEW NAILER BOARDS, DECKING JOISTS, AND RIM JOISTS. THE CONTRACTOR SHALL INSTALL HANDRAILS AROUND THE PERIMETER OF THE PIER AND TWO NEW FISH CLEANING TABLES, AS SHOWN. THE CONTRACTOR SHALL INSTALL FOUR (4) PICNIC BENCHES ON THE PIER IN THE LOCATIONS SHOWN. THE CONTRACTOR SHALL THEN INSTALL ALL NEW COMPOSITE DECKING AND ALUMINUM TRANSITION PLATE FROM THE NEW CONCRETE SEAWALL SIDEWALK. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS THEN HYDRO-SEED THE DISTURBED AREAS.

*DIVISIONS 20-41 OF THE STANDARD SPECIFICATIONS FOR BRIDGE AND HIGHWAY CONSTRUCTION, CURRENT EDITION WITH GS-15011 SHALL APPLY TO THIS PROJECT.





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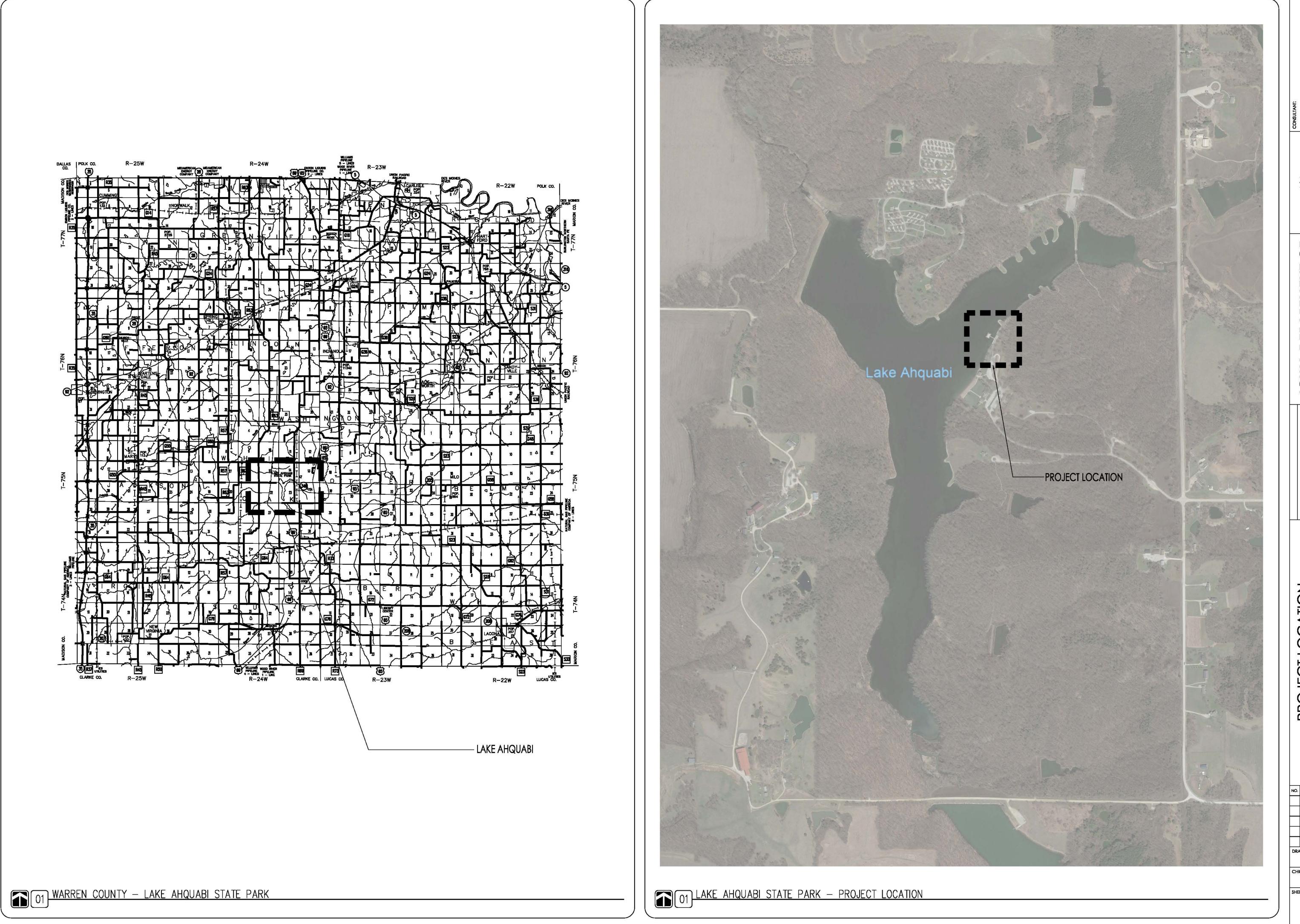


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REVISION

DRAWN BY: PROJECT NUMBER: 22-05-91-08 CHK'D BY: DATE: 01.18.2022



Fishing Pier Renovations for: Ahquabi State

DRAWN BY: PROJECT NUMBER: 22-05-91-08

CHKD BY: DATE: 01.18.2022

A-003



01 DEMOLITION SITE PLAN scale: NTS

GENERAL NOTES KEYNOTES DEMOLISH EXISTING SIDEWALK, PREP AND GRADE FOR NEW ACCESSIBLE SIDEWALK.
PREP AND GRADE EXISTING PARKING AREA FOR CONCRETE ADA PARKING SPACE AND AISLE.
EXISTING ROADWAY TO REMAIN. A. REFER TO FINISH & DOOR SCHEDULE, SHEET A-600.
 B. ALL ELECTRICAL SHALL BE NEC COMPLIANT AND UP TO ALL CODES AND LOCAL ORDINANCES
 REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 36" A.F.F., AND IN WEATHER PROOF AND
 LOCKABLE BOXES. NO. BY REVISION 4. DEMOLISH ENTIRE CONCRETE BUILDING SLAB, STOCKPILE CONCRETE AS DIRECTED BY DNR INSPECTOR. CONCRETE SEAWALL TO REMAIN, PREP FOR NEW SEAWALL SIDEWALK. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
CONTRACTOR TO HAVE THIS BUILDING TRUSSES ENGINEERED TO LOCAL CODE. DEMOLISH EXISTING WOOD BOARDWALK AND ALL STEEL ANGLE SUPPORTS FROM SEAWALL. EXISTING FISHING PIER, REMOVE ALL EXISTING WOOD DECKING, PERIMETER GUARDRAILS, FLOOR E. ALL STRUCTURAL STEEL IS FY 50 KSI.
F. ALL STRUCTURAL WOOD TO BE SOUTHERN YELLOW PINE #1 OR BETTER. JOISTS, AND WOOD NAILERS, PREP FOR INSTALL OF NEW NAILERS, JOISTS, AND DECKING. STEEL G. ALL CONNECTION HARDWARE (NUTS, WASHERS, BOLTS, ETC.) TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL. ALL SCREWS TO BE STAINLESS STEEL. STRUCTURE BELOW TO REMAIN. 7. DEMOLISH EXISTING SHELTER STRUCTURE, REMOVE ALL EXISTING ELECTRICAL. H. ALL LIGHTING TO BE CONTROLLED BY PHOTOCELL AND TIMER. I. SUBMIT SAMPLES FOR ALL EXTERIOR FINISHES.



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DRAWN BY: PROJECT NUMBER: 22-05-91-08 CHK'D BY: DATE:

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KEYNOTES 1. POLE LIGHTS (LITHONIA DSXO-LED-40C-700-TFTM-MVOLT-SPA LIGHT, OR APPROVED EQUAL), REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 24" A.F.F., AND IN WEATHER PROOF NEMA 4X 20'-0" SQUARE POLE, AND CONCRETE BASE. REFER TO DETAIL SHEET A-012.

- 2. 5" THICK X 6'-6" WIDE PCC CONCRETE BOARDWALK WITH #4 REBAR 24" O.C. BOTH DIRECTIONS, WITH TREATED 4X4 EDGE PROTECTION BEAM, REFER TO SHEET A-012.
- 3. EXISTING TRANSFORMER AND METER TO REMAIN, ADD TWO (2) 20AMP GFCI BREAKERS FOR ELECTRICAL SERVICE TO PIER, AND POLE LIGHTS.
- 4. EXISTING ROADWAY TO REMAIN. 5. EXISTING FISHING PIER TO RECEIVE NEW WOOD JOISTS AND COMPOSITE DECKING, REFER TO SHEET
- 6. EXISTING CONCRETE SEAWALL ABUTMENT TO REMAIN. NEW #4 DOWELED J-HOOKS, EPOXY EMBED DOWELS 6" DEEP MINIMUM INTO SEAWALL 24" O.C., TIE INTO NEW SIDEWALK.
- NEW ELECTRICAL SERVICE TO PIER, RUN NEW 2" CONDUIT TO POLE LIGHT AND FISHING PIER OUTLETS. ALL ELECTRICAL TO BE NEMA 4X WATER PROOF CONDUIT AND OUTLETS. PLACE HANDHOLES AND OTHER ACCESSORIES REQUIRED BY CODE. 8. PILOT ROCK SWRB-8 BENCH, OR APPROVED EQUAL, POWDER COAT BLACK. INSTALL BEHIND
- SEAWALL SIDEWALK AS SHOWN ON SHEET A-012. 9. FOUR (4) UT/G6TP/E PILOT ROCK PICNIC TABLES, OR APPROVED EQUAL, POWDER COAT BLACK. FASTEN TO DECK WITH FOUR (4) 304 SS 1 \(\frac{1}{8} \)" PIPE STRAPS AND GRK-RSS \(\frac{1}{16} \)" X 3" SCREWS, EACH LEG FOR A TOTAL OF FOUR (4) PER TABLE. 2X BLOCKING REQUIRED WHERE TABLE DOES NOT LAND ON JOISTS.

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC COMPLIANT AND UP TO ALL CODES AND LOCAL ORDINANCES
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.C. ALL STRUCTURAL STEEL IS FY 50 KSI.
- D. ALL STRUCTURAL WOOD TO BE SOUTHERN YELLOW PINE #1 OR BETTER.
- E. ALL CONNECTION HARDWARE (NUTS, WASHERS, BOLTS, ETC.) TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL. ALL SCREWS TO BE STAINLESS STEEL.
- SITE LIGHTING TO BE CONTROLLED BY PHOTOCELL (DUSK TO DAWN) AND MOTION DETECTOR. LIGHTING OPERATION TO DIM TO 25% AFTER 10 MINUTES OF NO MÓTION AND 100% WHEN MOTION IS

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