

IOWA DEPARTMENT OF NATURAL RESOURCES

Construction Documents
for
Lake Darling State Park
Stone Entry Portal

Washington County, IA

PROJECT #23-06-92-04

PLANS PREPARED BY

LAND AND WATERS BUREAU

CONSERVATION AND RECREATION DIVISION

[illegible]

PROJECT DESCRIPTION	
Project includes removing the existing entrance portal (sign) at Lake Darling State Park and replacing it with a standard Iowa DNR Design Guide stone entry portal.	

AUTHORIZATION TO BID	
BC - LAND AND WATERS	DATE
AUTHORIZED - PARKS WILDLIFE FISHERIES LAW ENFORCEMENT	DATE

	I hereby certify that this architectural document was prepared by me or under my direct personal supervision and that I am a duly Registered Professional Architect under the laws of the State of Iowa. Ryan E Richey Digitally signed by Ryan E. Richey DN: cn=Ryan E. Richey, o=Ryan E. Richey, ou=Iowa, email=ryane@richey.com, c=US, postalCode=52242, st=IA, serialNumber=1404140007 <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">RYAN E. RICHEY</td> <td style="width: 50%;">DATE _____</td> </tr> </table> My license renewal date is June 30, 2023. Pages or sheets covered by this seal: A-001 – A-101	RYAN E. RICHEY	DATE _____
RYAN E. RICHEY	DATE _____		

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CONSULTANT:

**IOWA DEPARTMENT OF
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034
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COVER SHEET

Stone Entry Portal for:

Lake Darling State Park

111 Lake Darling Road

Brighton, IA 52540

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: 23-06-92-04	
CHK'D BY:	DATE: August 5, 2026	
SHEET No:		
A-001		

DIMENSION NOTES

1. IN INTERIOR SPACES THE ACTUAL DIMENSIONS MAY BE LESS IMPORTANT THAN IF A TWO ELEMENTS IN THE BUILDING WERE TO BE EQUAL. IN THESE CASES, THE WORD "EQUAL OR EQ" IS USED IN LIEU OF THE ACTUAL DIMENSIONS.
2. WHEN A ROOM CENTERLINE IS INDICATED ONLY ONE SIDE OF THE ROOMS ELEMENTS MAY BE DIMENSIONED.
3. COLUMN IDENTIFICATION: DETAILS WILL GOVERN ALL DIMENSIONS AND NO DIMENSIONS WILL BE SHOWN ON SMALL SCALE PLANS.
4. PARTITION CENTERED ON COLUMN OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
5. PARTITION WITH A FINISHED FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
6. PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS .
7. 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.
8. WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.
9. 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		brick
	COMPACTED EARTH		metal stud		grout		CONCRETE
	GRASS		PARTICLE BOARD		sand		ASPHALT
	GRAVEL		PLYWOOD		foam INSULATION		cast stone
	clay		BATT INSULATION		RIGID INSULATION		stone
	fence		ACOUSTICAL CEILING TILE		ALUMINUM		glass
	turf block		plastic		STEEL		WOOD BLOCKING
	pavers		carpet		FINISHED WOOD		CONTINUOUS WOOD

SYMBOL		LEGEND	
	NORTH ARROW		ROOM/SPACE IDENTIFICATION
	DRAWING / DETAIL IDENTIFICATION		DOOR TAG
	SECTION REFERENCE		WINDOW TAG
	DETAIL REFERENCE		WALL TYPE REFERENCE KEYNOTE NUMBER -NEW C.S.I. DIVISION/KEY
	EXTERIOR ELEVATION		KEYNOTE - DEMOLITION
	INTERIOR ELEVATION		KEYNOTE - NEW/RENOVATION
	ELEVATION TARGET		KEYNOTE - FINISH/ACCESSORY
	COLUMN GRID		PROPERTY LINE REFERENCE
	MATCH LINES		CENTER LINE REFERENCE
			LEVEL CHANGE REFERENCE
			DETAIL CUT LINE
			REVISION NUMBER AND CLOUD

GENERAL NOTES

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

1. 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.
2. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
3. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PERFORM THEIR WORK IN ACCORDANCE WITH ALL APPLICABLE CODES GOVERNING EACH TRADE.
4. THE CONTRACTOR SHALL MAINTAIN A CLEAN AND ORGANIZED JOB SITE, ACCEPTABLE TO THE OWNER.
5. THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE OWNER REPRESENTATIVE.
6. THERE SHALL BE NO DEVIATION BY THE GENERAL CONTRACTOR FROM THE CONSTRUCTION DOCUMENTS UNLESS APPROVED IN WRITING BY THE ARCHITECT.
7. 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.
8. 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.
9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING BUILDING WATER TIGHT DURING CONSTRUCTION.
10. THE CONTRACTOR WILL VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT ALL PHASES OF CONSTRUCTION.
11. PLAN DIMENSIONS ARE GIVEN TO FACE OF STUDO 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 THEY MAKE TO CHANGE OR ALTER THE CONSTRUCTION DOCUMENTS WITHOUT THE ARCHITECT'S WRITTEN APPROVAL.
13. PROTECT ALL EXISTING FINISHES AND MATERIALS TO REMAIN, IN ACCORDANCE WITH ACCEPTABLE TRADE PRACTICES, MANUFACTURER, RECOMMENDATIONS, OR AS DIRECTED BY THE ARCHITECT.
14. 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.
21. ALL EXTERIOR WALLS, DOORS AND WINDOWS ARE EXISTING U.N.O.
22. ALL FINISHES TO BE PER CLASS INDICATED ON A-004.
23. 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:
 - CABINERY MILLWORK
 - RUNNING TRIM AND CASING PROFILES
 - PAINT/LAMINATE COLOR SAMPLES
 - ACOUSTICAL CEILING AND GRID
 - TOILET ACCESSORIES
 - KITCHEN EQUIPMENT
 - ROOF PENETRATIONS
 - HVAC EQUIPMENT
 - 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 ORDINANCES.

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 UTILITIES 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.

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

STONE SWATCH / PATTERNING

SCALE: STONE PATTERN - GRANITE BOULDERS, ROUND SIDE OUT
LARGE STONES TO SMALL STONES

04 STONE HEIRARCHY

SCALE: NTS

STONE LAYOUT SHALL HAVE A LARGE TO SMALL HIERARCHY. LARGER STONES SHALL BE PREDOMINATELY PLACED ON THE LOWER SECTIONS OF THE MONUMENT WHILE SMALLER STONES SHALL BE PLACED PREDOMINATELY AT THE UPPER SECTIONS. HOWEVER, STONE SHALL BE INTERMIXED TO HAVE A NATURAL VISUAL APPEARANCE. NO SINGLE STONE SHALL EXCEED 2" EXTENSION FROM THE SURROUNDING STONES TO PROTECT AGAINST EXCESSIVE WEAR. MORTAR JOINTS SHALL BE BETWEEN $\frac{1}{4}$ " MINIMUM - $\frac{3}{4}$ " MAXIMUM.

03 STONE MORTAR JOINTS

SCALE: NTS

02 NOT USED

SCALE: NTS

01 LIMESTONE SWATCH

SCALE: NTS

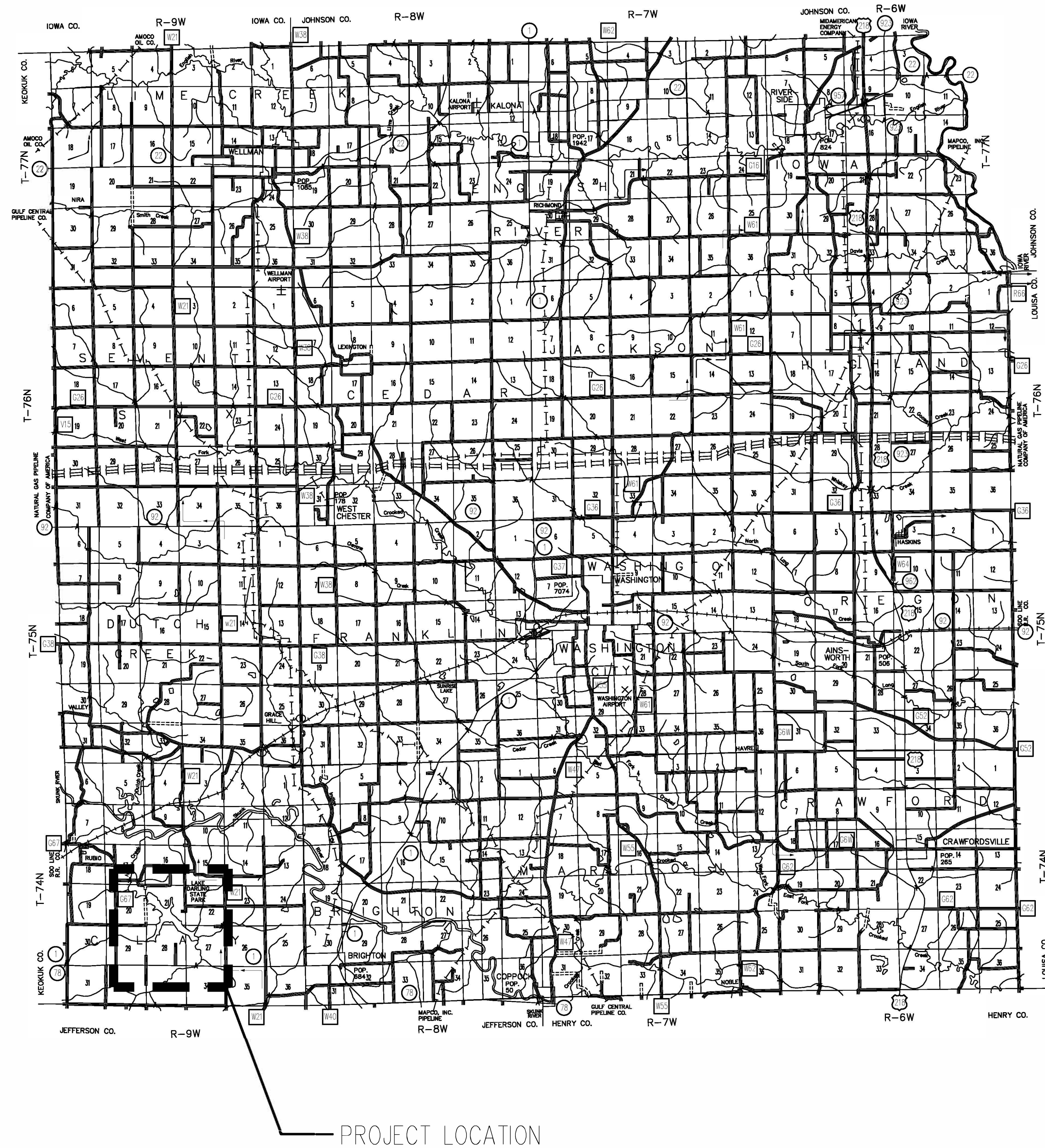


Stone Entry Portal for:
Lake Darling State Park

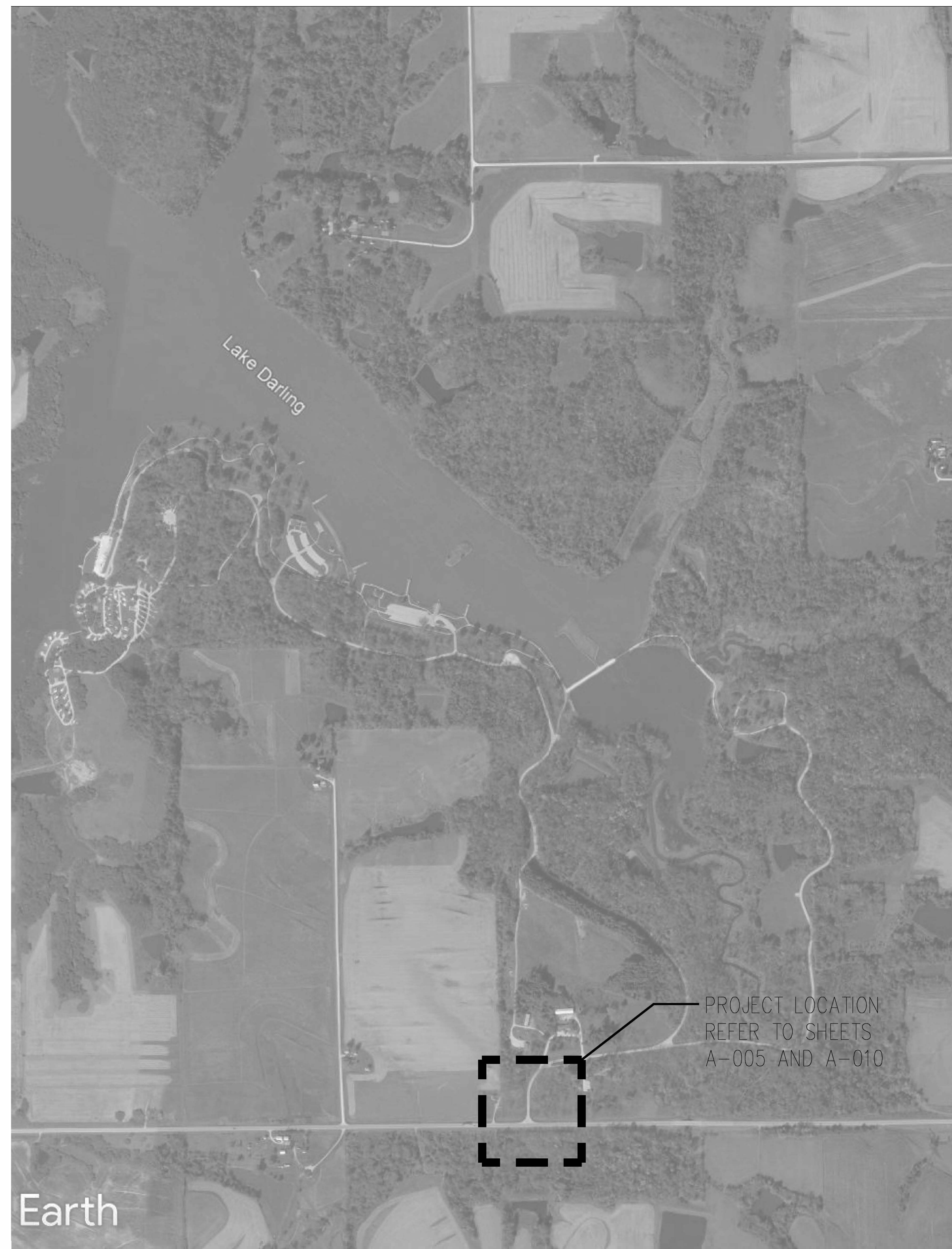
11 Lake Darling Road
Blighton, IA 52540

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: 23-06-92-04	
CHK'D BY:	DATE: 08/05/2026	

A-002



02 WASHINGTON COUNTY - LAKE DARLING STATE PARK
SCALE: NTS



01 LAKE DARLING STATE PARK – PROJECT LOCATION
SCALE: NTS

CONSULTANT:

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PROJECT LOCATION

Stone Entry Portal for:

Lake Darling State Park

111 Lake Darling Road

Brighton, IA 52540

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: 23-06-92-04	
CHECK'D BY:	DATE: 08/05/2026	
SHEET No:		

SHEET No:

A-003



LAKE DARLING STATE PARK – SITE DEMOLITION PLAN

SCALE: $1/16" = 1'-0"$

GENERAL NOTES

1. ENTRY PORTAL, FINAL PLACEMENT TO BE DETERMINED BY DNR ARCHITECT DURING PRE-CONSTRUCTION MEETING. SLOPE SURROUNDING GRADE TO DRAIN AWAY FROM PORTAL, RESTORE AREA AFTER COMPLETION OF PORTAL.
2. EXISTING ROADWAY TO REMAIN.
3. DEMOLISH EXISTING STONE ENTRY PORTAL. THE ALUMINUM SIGN SHALL BE RETURNED TO DNR STAFF.
4. EXISTING STONE PORTALS TO REMAIN.
5. ELECTRIC LINE FOR PROPOSED PORTAL LIGHTING FROM ELECTRICAL PANEL IN SHOP BUILDING. USE OPTIMUM LINE SIZE AND LINE WHERE POSSIBLE. SIZE LINE PER ADEQUATE ELECTRICAL NEEDS, BY ELECTRICAL CONTRACTOR. DISTANCE IS APPROXIMATELY 600 FEET FROM SHOP.
6. PORTAL LIGHT: STONCO FLOODLIGHT W/ PHOTO-ELECTRIC CONTROL, OR APPROVED EQUAL (FLOOD-NB-W-41-PCB-T-11-8-82). PLACE 12" DIAMETER CONCRETE FOOTING, 48" DEEP, EXTEND 12" ABOVE GRADE, ATTACH FLIGHT RAIL MANUFACTURER'S RECOMMENDATIONS.
7. PORTAL LIGHT: 4" DIA. HOLE, SUFFICE EXISTING LINE TO NEW LINE FOR LIGHTS. EXISTING LINE LOCATION UNDESIRABLE, ELECTRICAL LINE PRIOR TO PERFORMING WORK AND TAKE ALL SAFETY PRECAUTIONS NECESSARY TO COMPLETE THE WORK.

- A. EXTRA DIRT TO BE REMOVED FROM SITE.
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. ALL FASTENERS, BRICK TIES AND ANCHORS TO BE STAINLESS STEEL.
- D. ALL DECORATIVE STEEL CAPS AND STRAPS TO BE 1/4" POWDER COATED BLACK STEEL.
- E. ALL FLASHING TO BE 160Z COPPER.
- F. USE WEEP ROPE AT ALL NECESSARY LOCATIONS.
- G. ALL WOOD PRODUCTS TO RECEIVE TWO (2) COATS OF TWP 116 RUSTIC STAIN.
- H. EMBLEM SHOT DRAWINGS ON STONE LAYOUT: REGAR LAYOUT, LIMESTONE CAPS, LAMINATED WOOD BEAM, STEEL STRAPPING AND ACCESSORIES AND SIGN BACKER.
- I. USE TYPE "M" MORTAR (ASTM C270) ON ALL MASONRY MORTAR JOINTS.
- J. CONTRACTOR TO CONTACT IDWA ONE CALL (811) TO AVOID UTILITIES.
- K. ALL ELECTRICAL TO INSTALL LIGHT AND ELECTRICAL SYSTEM. CONTRACTOR SHALL ABIDE BY ALL LOCAL CODES AND ORDINANCES AND WORK SHALL COMPLY WITH CURRENT NEC CODE.

IOWA DEPARTMENT OF NATURAL RESOURCES

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SITE DEMOLITION PLAN

Stone Entry Portal for:

Lake Darling State Park

1111 Lake Darling Road

Brighton. LA 52540

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: 23-06-92-04	
CHKD BY:	DATE: 08/05/2026	

SHEET No.

A-005



**IOWA DEPARTMENT OF
NATURAL RESOURCES**

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ENTRY PORTAL SITE

Stone Entry Portal for:
Lake Darling State Park

111 Lake Darling Road

Brighton, IA 52540

NO.	BY DATE	REVISION
DRAWN BY:		PROJECT NUMBER: 23-06-92-04
CHK'D BY:		DATE: 08/05/2026

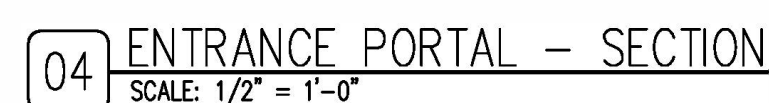
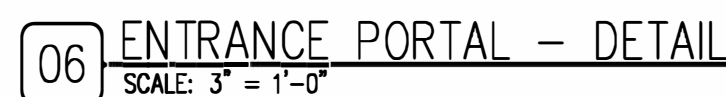
A-010

KEYNOTES

1. ENTRY PORTAL, FINAL PLACEMENT TO BE DETERMINED BY DNR ARCHITECT DURING PRE-CONSTRUCTION MEETING. SLOPE SURROUNDING GRADE TO DRAIN AWAY FROM PORTAL, RESTORE AREA AFTER COMPLETION OF PORTAL.
2. EXISTING ROADWAY TO REMAIN.
3. DEMOLISH EXISTING STONE ENTRY PORTAL. THE ALUMINUM SIGN SHALL BE RETURNED TO DNR STAFF.
4. EXISTING STONE PORTALS TO REMAIN.
5. ELECTRIC LINE FOR PROPOSED PORTAL LIGHTING FROM ELECTRICAL PANEL IN SHOP BUILDING, USE EXISTING ELECTRICAL LINE WHERE POSSIBLE, USE LINE PER CODE AND ELECTRICAL NEEDS, BY ELECTRICAL CONTRACTOR. DISTANCE IS APPROXIMATELY 600 FEET FROM SHOP.
6. PORTAL LIGHT: STONCO FLOODLIGHT W/ PHOTO-ELECTRIC CONTROL, OR APPROVED EQUAL
(FL80-NW-G1-PCB-T-FL-8-8Z). PLACE 12" DIAMETER CONCRETE FOOTING, 48" DEEP, EXTEND 12" ABOVE GRADE, ATTACH PORTAL LIGHT PER MANUFACTURER'S RECOMMENDATIONS.
7. PORTAL LIGHT HOLE, SUFFICE EXISTING LINE TO NEW LINE FOR LIGHTS. EXISTING LINE LOCATION UNDETERMINED. ELECTRICAL CONTRACTOR TO PRIOR TO PERFORMING WORK AND TAKE ALL SAFETY PRECAUTIONS NECESSARY TO COMPLETE THE WORK.

GENERAL NOTES

- A. EXTRA DIRT TO BE REMOVED FROM SITE.
B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
C. ALL FASTENERS, BRICK TIES AND ANCHORS TO BE STAINLESS STEEL.
D. ALL DECORATIVE STEEL COPS AND STRAPS TO BE 1/4" POWDER COATED BLACK STEEL.
E. ALL FLASHING TO BE 160Z COPPER.
F. USE WOOD ROOF AT ALL NECESSARY LOCATIONS.
G. ALL HOOB PRODUCTS TO RECEIVE TWO (2) COATS OF TWP 116 RUSTIC STAIN.
H. SUBMIT SHOP DRAWINGS ON STONE LAYOUT, REBAR LAYOUT, LIMESTONE COPS, LAMINATED WOOD BEAM, STEEL STRAPPING AND ACCESSORIES AND SIGN BACKER.
I. USE TYPE "N" MORTAR (ASTM C270) ON ALL MASONRY MORTAR JOINTS.
J. CONTRACTOR TO CONTACT IOWA ONE CALL (811) TO AVOID UTILITIES.
K. CONTRACTOR TO HIRE A LICENSED ELECTRICIAN TO INSTALL LIGHTS AND ELECTRICAL. CONTRACTOR SHALL ABIDE BY ALL LOCAL CODES AND ORDINANCES AND WORK SHALL COMPLY WITH CURRENT NEC CODE.



1. #4 REBAR 24" O.C. ALL DIRECTIONS.
2. 3" - 5" THICK FULL VENEER STONE, VALDERS RIVER BLUFF DIMENSIONAL DEMONSTRATION VENEER WITH ASTM 270 TYPE "M" MORTAR - COLOR TO BE WHITE. PATTERNING SHOWN FOR DEMONSTRATION PURPOSES ONLY, REFER TO PATTERN SWITCH SHEET A-002, ALL BRICK ANCHORS, STRAPS, AND FASTENERS TO BE STAINLESS STEEL. LOCATE KEEP HOLES/ROPS WHERE REQUIRED.
3. 6 $\frac{3}{4}$ " x 12" x 20" LONG EXTERIOR GRADE LAMINATED BEAM, TRIM TO LENGTH. STAIN TWO (2) COATS TWO 16 RUSTIC STAIN FINISH. SHIM BEAM INTO OPENING TO CREATE A SNUG AND TIGHT FIT.
4. CAST IN PLACE SOLID CONCRETE WALL BACKER MONUMENT WITH #4 REBAR 24" O.C. ALL DIRECTIONS.
5. $\frac{3}{8}$ " x 3" STAINLESS CAP PINS.
6. $\frac{3}{8}$ " THICK STAINLESS STEEL BEAM RECEIVER SLEEVE, CAST INTO CONCRETE MONUMENT.
7. 1/8" ALUMINUM PLATE SIGN, SUPPLIED BY OWNER, CONTRACTOR INSTALLED WITH $\frac{3}{8}$ " STAINLESS STEEL HEX-HEAD BOLTS, LOCK NUTS AND FLAT STAINLESS WASHERS IN PATTERN SHOWN.
8. MONOLITHIC SELECT GRADE, GRAY INDIANA LIMESTONE CAP, DIMENSIONS AS SHOWN, SUBMIT SHOP DRAWINGS FOR APPROVAL. FULL $\frac{3}{8}$ " MORTAR BED WITH STAINLESS PINS.
9. CAST-IN-PLACE CONCRETE FOUNDATION.
10. CONTINUOUS COPPER FLASHING.
11. 60 MIL, MONOLITHIC, EPDM RUBBER MEMBRANE TO COVER STONE AND CONCRETE.
12. $\frac{3}{4}$ " x 8" GALVANIZED STEEL ANCHOR BOLTS TO SUPPORT STRAPPING.
13. 1/4" STEEL BEAM COVER AS SHOWN, POWDER COAT BLACK.
14. CONTINUOUS FOAM EXPANSION MATERIAL AND POLYURETHANE SEALANT, MATCH MORTAR COLOR.
15. $\frac{3}{8}$ " STAINLESS STEEL HEX-HEAD LAG BOLTS WITH WASHERS, DO NOT PAINT.
16. 1/4" THICK X 6" WIDE STEEL STRAPPING/SIGN SUPPORT, POWDER COAT BLACK.

- A. STOCKPILE EXTRA DIRT IN LOCATION DETERMINED BY DNR INSPECTOR.
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. ALL FASTENERS, BRICK TIES AND ANCHORS TO BE STAINLESS STEEL, UNLESS SPECIFICALLY NOTED.
- D. ALL DECORATIVE STEEL CAPS AND STRAPS TO BE $\frac{1}{4}$ " THICK STEEL, POWDER COATED BLACK.
- E. ALL FLASHING TO BE 160Z COPPER.
- F. USE WEEP ROPE AT ALL NECESSARY LOCATIONS.
- G. ALL WOOD PRODUCTS TO RECEIVE TWO (2) COATS OF TWP 116 RUSTIC STAIN.
- H. ALL ELECTRICAL TO BE NEC COMPLIANT AND INSTALLED BY LICENSED ELECTRICIAN.
- I. SUBMIT SHOP DRAWINGS ON REBAR LAYOUT, LIMESTONE JOINTS, LAMINATED WOOD BEAM, STEEL STRAPPING AND ACCESSORIES.
- J. *NOT A MORTAR (ASTM C270) ON ALL MASONRY MORTAR JOINTS.
- K. STONE ON ENTRY PORTALS SHALL BE EDEEN STONE VALDERS RIVER BLUFF DIMENSIONAL SAWED WOOD VENEER. STONE TO FOLLOW PATTERN HIERARCHY AS SHOWN ON SHEET A-002.
- L. CONTRACTOR TO CONTACT IOWA ONE CALL TO AVOID UTILITY PLACEMENT.
- M. STEEL STRAP AND CAP SHOP DRAWINGS PROVIDED UPON REQUEST.

CONSULTANT.

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DESIGN GUIDE PORTAL

Stone Entry Portal for:

Stone Entry Portal for:
Lake Darling State Park

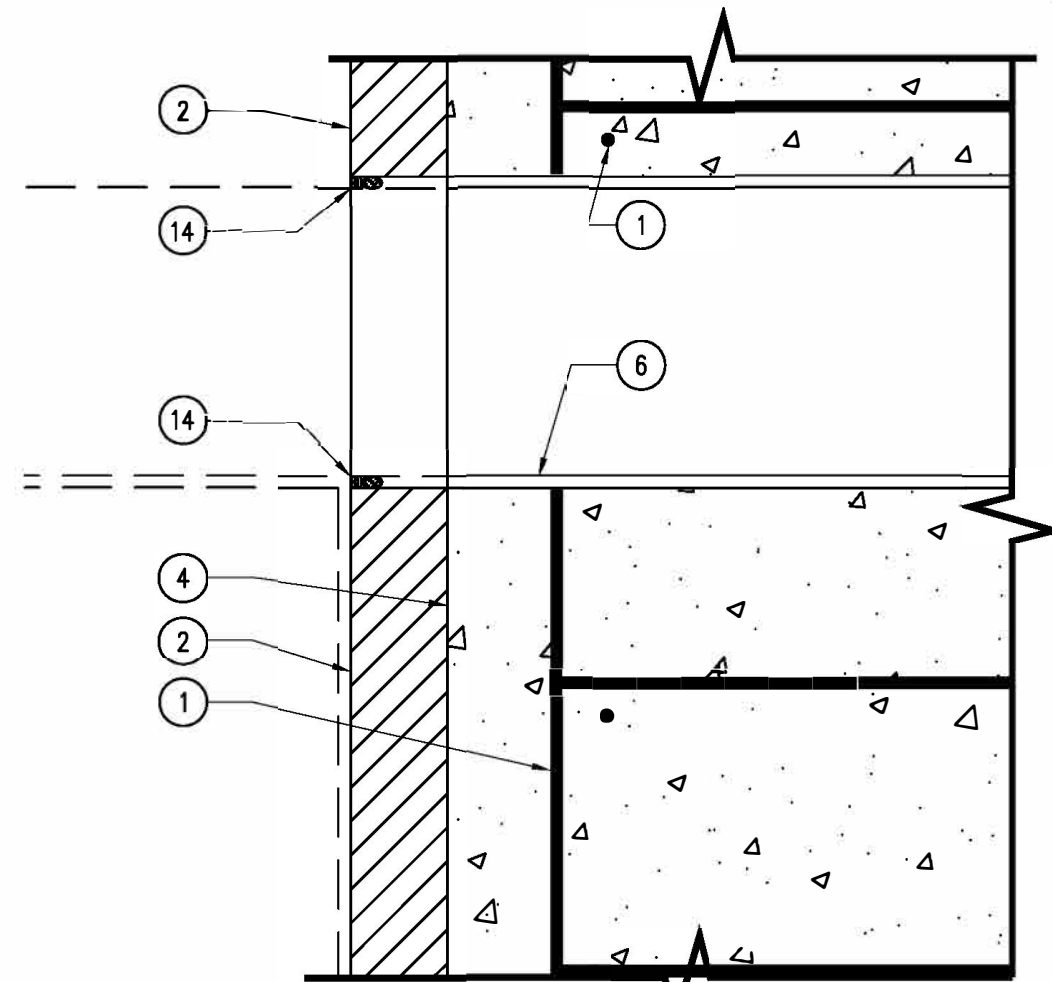
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Brighton, LA 52540

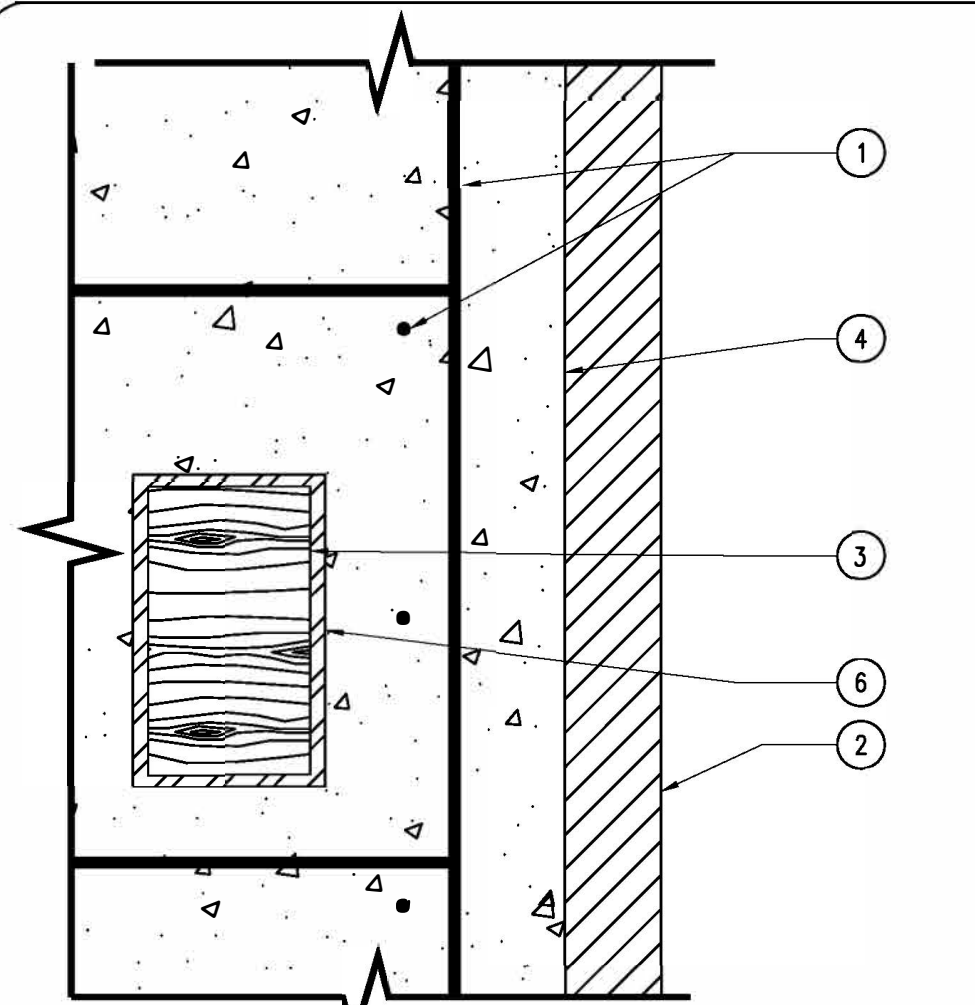
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SHEET No:		

SHEET No:

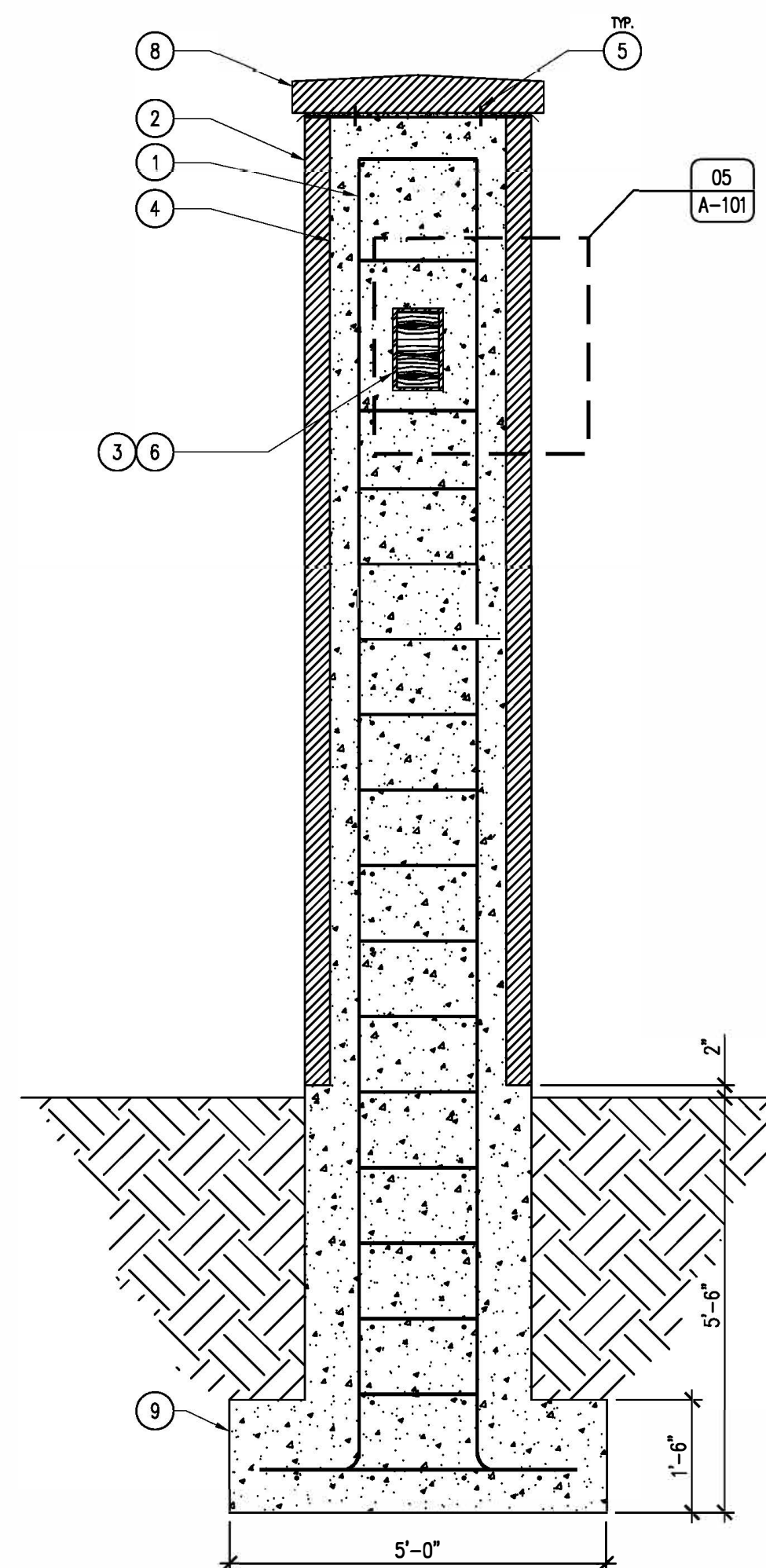
A-100



06 ENTRANCE PORTAL – DETAIL
SCALE: 3" = 1'-0"

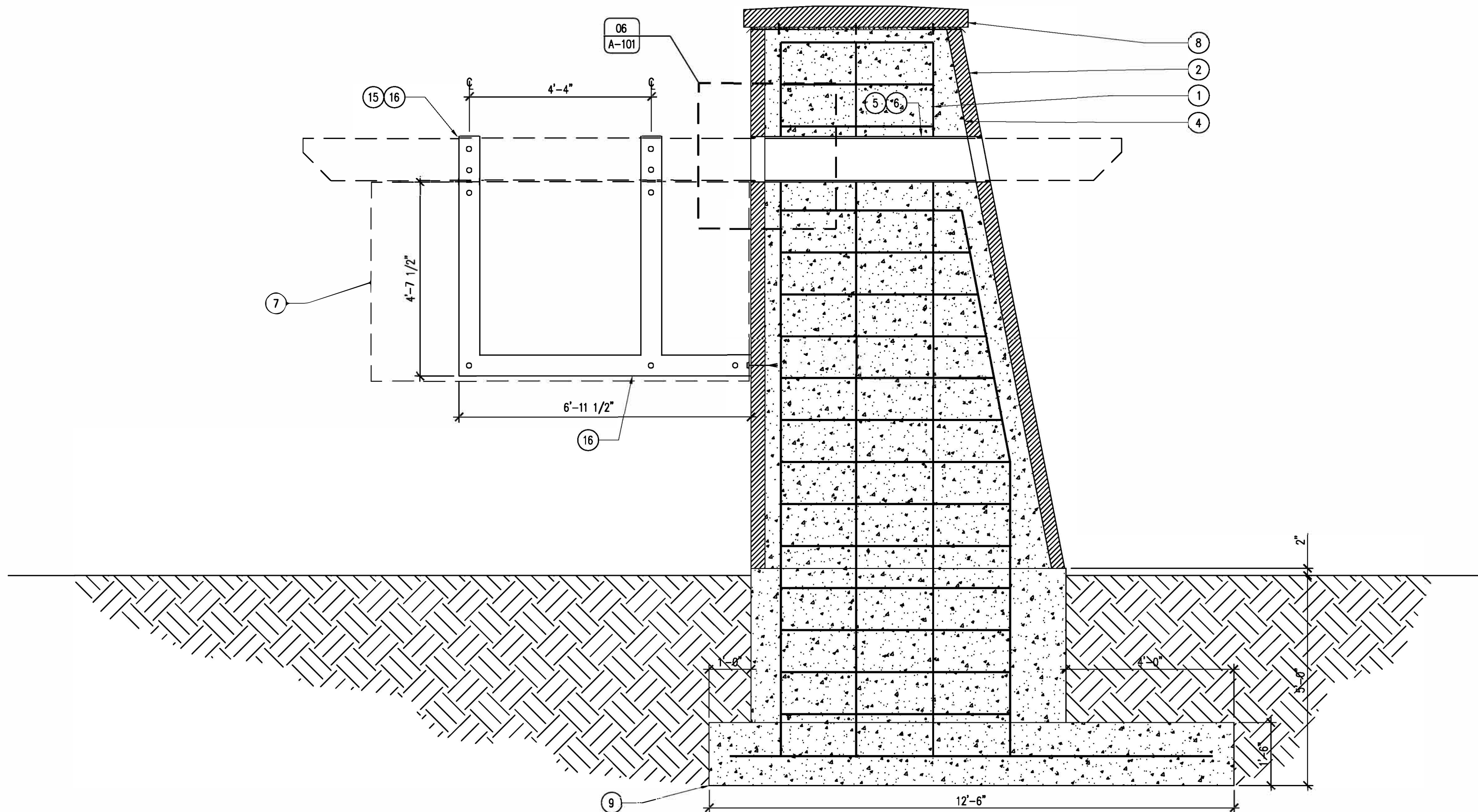


05 ENTRANCE PORTAL – DETAIL
SCALE: 3" = 1'-0"

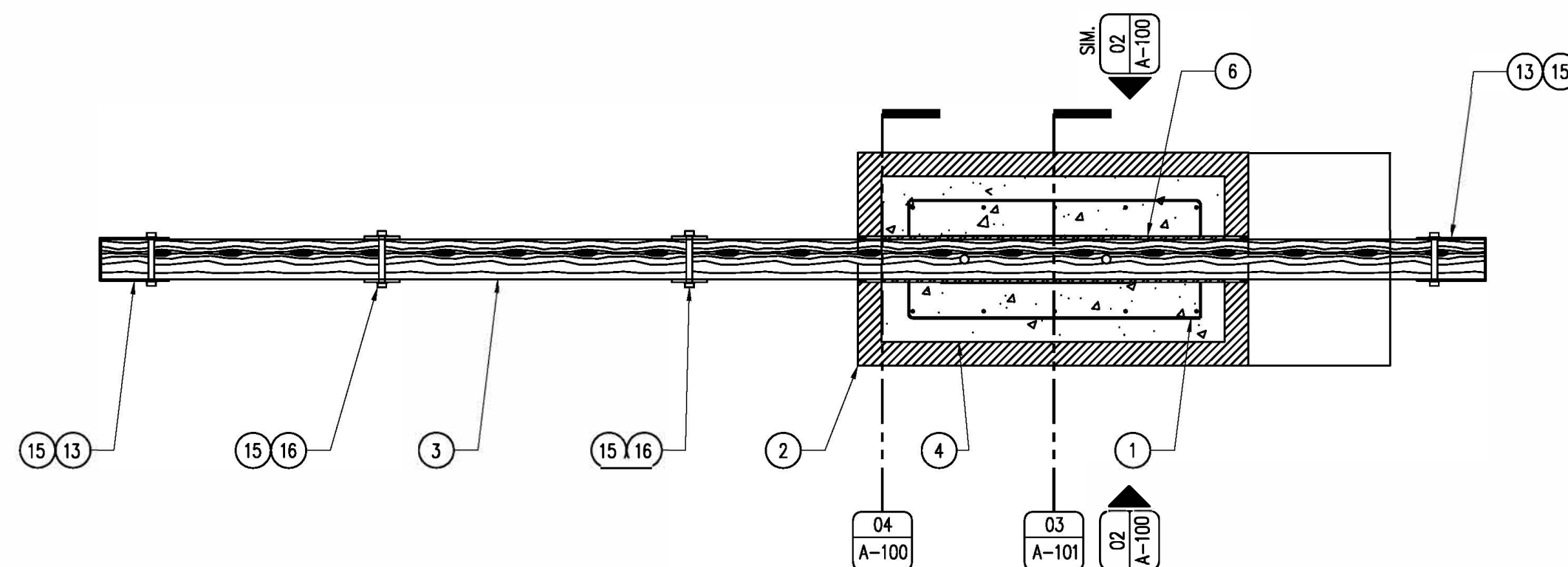


03 ENTRANCE PORTAL – SECTION
SCALE: 1/2" = 1'-0"

04 NOT USED
SCALE:



02 ENTRANCE PORTAL – SECTION
SCALE: 1/2" = 1'-0"



01 ENTRANCE PORTAL – PLAN SECTION
SCALE: 1/2" = 1'-0"

KEYNOTES

- #4 REBAR 24" O.C. ALL DIRECTIONS.
- 3" - 5" THICK FULL VENEER STONE, VALDERS RIVER BLUFF DIMENSIONAL SAWED VENEER WITH ASTM 270 TYPE "N" MORTAR - COLOR TO BE WHITE. PATTERNING SHOWN FOR DEMONSTRATION PURPOSES ONLY, REFER TO PATTERN SWATCH SHEET A-002. ALL BRICK ANCHORS, STRAPS, AND FASTENERS TO BE STAINLESS STEEL. LOCATE WEEP HOLES/ROPE WHERE REQUIRED.
- 6 3/4" X 12" X 20'-0" LONG EXTERIOR GRADE LAMINATED BEAM, TRIM TO LENTH. STAIN TWO (2) COATS TWP 116 RUSTIC STAIN FINISH. SHIM BEAM INTO OPENING TO CREATE A SNUG AND TIGHT FIT.
- CAST IN PLACE SOLID CONCRETE WALL BACKER MONUMENT WITH #4 REBAR 24" O.C. ALL DIRECTIONS.
- 3/8" X 3" STAINLESS CAP PINS.
- 3/8" THICK STAINLESS STEEL BEAM RECEIVER SLEEVE, CAST INTO CONCRETE MONUMENT.
- 1/8" ALUMINUM PLATE SIGN, SUPPLIED BY OWNER, CONTRACTOR INSTALLED WITH 3/8" STAINLESS STEEL HEX-HEAD BOLTS, LOCK NUTS AND FLAT STAINLESS WASHERS IN PATTERN SHOWN.
- MONOLITHIC SELECT GRADE, GRAY INDIANA LIMESTONE, CAP, DIMENSIONS AS SHOWN, SUBMIT SHOP DRAWINGS FOR APPROVAL. FULL 3/8" MORTAR BED WITH STAINLESS PINS.
- CAST-IN-PLACE CONCRETE FOUNDATION.
- CONTINUOUS COPPER FLASHING.
- 60 MIL, MONOLITHIC, EPDM RUBBER MEMBRANE TO COVER STONE AND CONCRETE.
- 3/8" X 8" GALVANIZED STEEL ANCHOR BOLTS TO SUPPORT STRAPPING.
- 1/4" STEEL BEAM COVER AS SHOWN, POWDER COAT BLACK.
- CONTINUOUS FOAM EXPANSION MATERIAL AND POLYURETHANE SEALANT, MATCH MORTAR COLOR.
- 3/8" STAINLESS STEEL HEX-HEAD LAG BOLTS WITH WASHERS, DO NOT PAINT.
- 1/4" THICK X 6" WIDE STEEL STRAPPING/SIGN SUPPORT, POWDER COAT BLACK.

GENERAL NOTES

- STOCKPILE EXTRA DIRT IN LOCATION DETERMINED BY DNR INSPECTOR.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- ALL FASTENERS, BRICK TIES AND ANCHORS TO BE STAINLESS STEEL, UNLESS SPECIFICALLY NOTED.
- ALL DECORATIVE STEEL CAPS AND STRAPS TO BE 1/2" THICK STEEL, POWDER COATED BLACK.
- ALL FLASHING TO BE 160Z COPPER.
- USE WEEP ROPE AT ALL NECESSARY LOCATIONS.
- ALL WOOD PRODUCTS TO RECEIVE TWO (2) COATS OF TWP 116 RUSTIC STAIN.
- ALL ELECTRICAL TO BE NEC COMPLIANT AND INSTALLED BY LICENSED ELECTRICIAN.
- SUBMIT SHOP DRAWINGS ON REBAR LAYOUT, LIMESTONE CAPS, LAMINATED WOOD BEAM, STEEL STRAPPING AND ACCESSORIES.
- USE TYPE "N" MORTAR (ASTM C270) ON ALL MASONRY MORTAR JOINTS.
- STONE ON ENTRY PORTALS SHALL BE EDEN STONE VALDERS RIVER BLUFF DIMENSIONAL SAWED VENEER. STONE TO FOLLOW PATTERN HIERARCHY AS SHOWN ON SHEET A-002.
- CONTRACTOR TO CONTACT IOWA ONE CALL TO AVOID UTILITY PLACEMENT.
- STEEL STRAP AND CAP SHOP DRAWINGS PROVIDED UPON REQUEST.

DESIGN GUIDE PORTAL

Stone Entry Portal for:
Lake Darling State Park

111 Lake Darling Road

Brighton, IA 52540

CONSULTANT:

**IOWA DEPARTMENT OF
NATURAL RESOURCES**

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NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:
23-06-92-04

CHK'D BY: DATE:
08/05/2026

SHEET NO:

A-101