STARKE COUNTY

Bass Lake Campground Electrical Upgrades

REGULAR PROPOSAL, CONTRACT and SPECIFICATIONS

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SPECIFICATIONS AND CONTRACT DOCUMENTS

for the **ELECTRICAL UPGRADES**

on 5837 S. St Rd 10

STARKE COUNTY, INDIANA

November 2026

PARK BOARD
STARKE COUNTY

AUDITOR: Michaelene Houston

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Bass Lake Electrical Upgrades

for

Starke County Bass Lake Campground

5837 S. St. Rd 10, Knox, IN 46534

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Project Identification and Location

Department (“Owner”): **Starke County Parks Department**

Project/Work: **Campground Electrical Upgrades**

Project Name	Location	Latitude	Longitude
Bass Lake Campground Electrical Upgrades	5837 S. St Rd 10, Knox, IN 46534	41.219925 N	86.578903 W

NOTICE TO BIDDERS

Notice is hereby given that the Park Board of Starke County, Indiana; hereinafter referred to as the *OWNER*, will receive sealed bids for the following project:

Bass Lake Campground Electrical Upgrades
53 E. Mound St., Knox, IN
Starke County, Indiana

Proposals may be forwarded individually by registered mail or delivered in person, addressed to the Starke County Auditor's Office, 53 E Mound Street, Knox, IN 46534 prior to 4:00 p.m., December 8, 2026. Bids received after the 4:00 p.m. deadline will not be considered but will be returned to the bidder unopened.

All proposals will be considered by the *OWNER* at a public meeting held at the Starke County Park Board Meeting, 53 E Mound St, Knox, IN, and opened and read aloud at 6:00 p.m. local time, December 8, 2026.

The work to be performed and the proposals to be submitted shall include a bid for all general construction, labor, material, tools, equipment, taxes, permits, licenses, insurance, service costs, etc. incidental to and required for this project.

All materials furnished and labor performed incidental to and required by the proper and satisfactory execution of the contracts to be made, shall be furnished and performed in accordance with requirements from the drawings and specifications included in these documents. Plans, Specifications and bidding documents may be obtained from the Starke County Parks Department. All payments and costs of Contract Documents are non-refundable. Plans and specifications may be acquired electronically from the Starke County Parks Department web page on or after November 9, 2026.

www.starkecountyparks.com

Each proposal must be enclosed in a sealed envelope with the supplied sealed bid notice, bearing the title of the project, bid opening date and the name and address of the bidder firmly attached. The proposal shall be accompanied by a certified check or acceptable ***Bidder's Bond,*** made payable to the Starke County Auditor, in a sum of not less than ***ten percent*** of the total amount of the proposal, which check or bond will be held by the said Starke County Auditor as evidence that the bidder will, if awarded a contract, enter into the same with the *OWNER* upon notification from him to do so within ten days of said notification. Failure to execute the contract and to furnish performance bond to Starke County, Indiana, will be cause for forfeiture of the amount of money represented by the certified check, or bidder's bond, as and for liquidated damages. Form 96, as prescribed by the Indiana State Board of Accounts, shall be properly completed, and submitted with bid proposals.

Proposals may be held by the Park Board for a period not to exceed ninety (90) days from the opening date.

The successful Contractor will be required to furnish a Performance Bond in the amount of one hundred percent (100%) of the Contract price within ten (10) days after award of contract and a two (2) year Maintenance Bond in the amount of thirty percent (30%) of the contract price prior to completion and final payment of the contract.

No Contractor may withdraw their proposal within ninety (90) days after the opening date.

The Park Board reserves the right to reject any or all proposals, to waive technicalities or irregularities therein, to delete any item or items and to award a contract on the proposal that in their judgement is the most advantageous to Starke County.

PARK BOARD
STARKE COUNTY, INDIANA

>NOTICE<

Sealed Bid Documents shall contain on the outside of the sealed envelope the following completed self-sticking label:

SEALED BID DOCUMENTS
(To be completed by bidder before submission)

Project Type _____

Annual Bid Category #
Road Contract # / Culvert # (Desc.) _____
(Circle One)

Name of Bidder: _____

Bid Opening Date: _____

Other Documents Enclosed:

Bid Bond	(Y)	(N)
Certified Check	(Y)	(N)
Form 95	(Y)	(N)
Form 96	(Y)	(N)
Other	_____	

For Starke County Use Only!
Received by the Starke Co.
Park Board
File Stamp

Time Received: _____

All mailer packets will be opened upon receipt. Make sure the sealed envelope is contained within.

>NOTICE<

PROPOSAL

To the Park Board of Starke County, of the State of Indiana; hereinafter referred to as *OWNER*:

Bass Lake Campground Electrical Upgrades
Starke County Bass Lake Campground

Pursuant to the legal notice that sealed proposals for the above project would be received by the Park Board of Starke County,

The undersigned hereby tenders this bid to construct the work in accordance with the plans, profiles, drawings, specifications, and all authorized revisions for this contract which are on file in the office of the Starke County Parks Department; and to furnish all necessary machinery, equipment, tools, labor and other means of construction and to furnish all material specified in the manner and at the time prescribed and under the supervision and direction of the *OWNER* or his duly authorized representative and pursuant to the terms of the ***Performance Bond*** and the ***Payment Bond*** in the amounts of not less than ***One Hundred Percent*** of the amount of the Proposal, for the unit prices given on the attached Itemized Proposal dated _____, 2026.

Together with this PROPOSAL, the undersigned has:

A. Filed an Itemized Proposal with a unit price and extension for each item listed, together with a total amount for all items, based upon the unique characteristics of this contract;

B. Executed the Form No. 96 filed herewith;

C. Filed a properly executed Bid Bond or certified check made payable to the Starke County Parks Department herewith in an amount greater than or equal to ten percent of the amount of this proposal;

D. Executed the Non-Collusion affidavit filed herewith

E. Executed the Legal Status of Bidder Form filed herewith;

F. Filed a current Financial Statement herewith;

G. Filed an Acknowledgment of Receipt of Addendum

If awarded the contract, the undersigned promises to prosecute the work so as to complete the contract within the time specified in the Special Provisions.

Witness our hands this _____ day of _____, 2026.

Firm Name _____

Address _____

_____

By: _____
(Signature)

Name: _____
(Printed)

Title: _____
(Printed)

ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM

The CONTRACTOR acknowledges receipt of the following addenda, which are hereby made a part of this Construction Contract, as fully and effectually as if copied and set out herein in full length:

ADDENDUM No.	**SIGNATURE**	**DATE**

Firm Name: _____

Address: _____

_____

By: _____
(*Signature*)

Name: _____
(*Printed*)

Title: _____
(*Printed*)

EXCEPTIONS

Instructions To Bidders:

The Bidder shall fully state each exception taken to the Specifications or other Contract Documents in this Part.

Bidder is cautioned that any exception taken by Bidder and deemed by Owner to be a material qualification or variance from the terms of the Contract Documents may result in this Bid being rejected as non-responsive.

Exceptions:

_____

_____

_____

_____

_____

_____

E-VERIFY PROGRAM

Pursuant to Indiana Code 22-5-1.7-11, the contractor awarded the Bid is required to enroll in and verify the work eligibility status of all its newly hired employees through the E-Verify program. The contractor who is awarded the Bid is not required to verify the work eligibility status of all its newly hired employees through the E-Verify program if the E-Verify program no longer exists.

The individual person(s) executing this Proposal, being first duly sworn, depose(s) and state(s) that the Bidder does not knowingly employ an unauthorized alien. The undersigned further affirms that, prior to entering into an agreement for this Bid, the undersigned business entity will enroll in and agrees to verify the work eligibility status of all its newly hired employees through the E-Verify program.

Itemized Proposal

Starke County Bass Lake Campground Electrical Upgrades
Electrical Upgrades
Summary of Bid

Bid:

Submitted By: _____

Signature: _____

Title: _____

Address: _____

_____

_____

*Note: Bid amounts listed above will be read aloud at the time of bid opening and used for announcing the apparent low bidder. Therefore, it the bidder's responsibility to ensure the amounts listed match those included in the Itimized proposal. Neither the Owner nor the Engineer shall be required to discover or correct any error or omission and the Bidder shall assume the risk of and be bound to the consequences of any such error or omission.

**Note: This amount is the lower amount of the two Alternative Bid amounts. This amount to shall be used to calculate Bid Security and the amounts listed in the Bidders Itemized Proposal and Declarations.

ITEMIZED PROPOSAL

STARKE COUNTY , KNOX, IN
ELECTRICAL UPGRADES
October, 2026

ITEM No.	DESCRIPTION	TOTAL QUANTITY	UNIT	UNIT PRICE	EXTENSION
Bass Lake Campground - Electrical Upgrades Pay Items					
1	120/240 VOLT,, 1-PHASE, 800 AMP DISTRIBUTION/SERVICE	2	EACH		
2	120/240 VOLT, 1-PHASE, 400 AMP PANELS	4	EACH		
3	FREE STANDING PANEL/SEREVICE STRUTURES	4	EACH		
4	RV PEDESTALS	63	EACH		
5	CONDUIT AND CONDUCTORS	63	EACH		
6	DEMO EXISTING RV PEDESTALS	60	EACH		
7	DEMO EXISITING RV PEDESTAL WIRING	1	LS		
8	DEMO EXISITING ELECTRICAL SERVICES	1	LS		
9	DEMO EXISTING DISTRIBUTION PANEL	1	LS		
				TOTAL BID:	

AGREEMENT

THIS AGREEMENT, made and entered into by and between Starke County, Indiana, by its Park Board, as party ~~of the first part,~~ hereinafter called the Owner, and

_____

as party of the second part, hereinafter called the CONTRACTOR.

WITNESSETH: That for and in consideration of the mutual covenants herewith enumerated, the Owner does hereby hire and employ the CONTRACTOR to furnish all materials, equipment, and labor necessary and to fully construct the work designated as follows:

Bass Lake Campground Electrical Upgrades
STARKE COUNTY, INDIANA

according to the plans and specification on file in the office of the Starke County Auditor and any supplemental or special provisions set or referred to in the CONTRACTOR's attached bid, and hereby agrees to pay the CONTRACTOR for the actual amount of such work done and materials in place, as measured by the Owner or their duly authorized representative at the Unit Prices stated in the CONTRACTOR's attached itemized proposal dated _____, 2026, which sums the CONTRACTOR agrees to accept in full payment for such work, and

IT IS FURTHER MUTUALLY AGREED:

That the accompanying Proposal and Bond of the CONTRACTOR, together with the plans and specification, herein designated and referred to, are hereby made a part of the contract, the same as if herein fully set forth:

That the contract amounts may be paid to the CONTRACTOR upon progress estimated of completed work prepared by the Owner, but progress payments shall not exceed ninety percent (90%) of any such estimates less than the total amount of properly prepared and certified statements of indebtedness which shall have been filed against the CONTRACTOR for labor performed and materials furnished, or other services rendered in the carrying forward, performing and completing of this contract, and which estimate shall also be subject to the provisions of the standard specifications on file in the offices of the said County Auditor and made a part thereof;

That before any final estimate is paid to the CONTRACTOR, he shall furnish receipts for all debts incurred in the prosecution of such work or satisfactory evidence and assurance that the same have been paid; or shall consent to the withholding by the Owner from this final estimate of sums sufficient to cover any such indebtedness, which sums may be held until such indebtedness, is settled; and that no monies due on this final estimate shall be paid until the work is fully completed and accepted as provided in the specifications.

IN WITNESS WHEREOF, this instrument is executed in two (2) counterparts, each one of which shall be deemed an original, this _____ day of _____, 2026.

_____
Signature

_____
Title

_____
Firm Name

APPROVED this _____ day of _____, 2026.

PARK BOARD
STARKE COUNTY, INDIANA

_____

_____

_____

CONTRACTOR'S BID FOR PUBLIC WORK - FORM 96

State Form 52414 (R2 / 2-13) / Form 96 (Revised 2013)
Prescribed by State Board of Accounts

PART I
(To be completed for all bids. Please type or print)

Date *(month, day, year):*_____

1. Governmental Unit (Owner):_____
2. County :_____
3. Bidder (Firm):_____

   Address:_____

   City/State/ZIPcode:_____
4. Telephone Number:_____
5. Agent of Bidder *(if applicable):*_____

Pursuant to notices given, the undersigned offers to furnish labor and/or material necessary to complete the public works project of _____

(Governmental Unit) in accordance with plans and specifications prepared by _____

_____ and dated _____ for the sum of

_____ $_____

The undersigned further agrees to furnish a bond or certified check with this bid for an amount specified in the notice of the letting. If alternative bids apply, the undersigned submits a proposal for each in accordance with the notice. Any addendums attached will be specifically referenced at the applicable page.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit basis, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(If applicable)

I, the undersigned bidder or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel products on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ACCEPTANCE

The above bid is accepted this _____ day of _____, _____, subject to the following conditions: _____

_____

Contracting Authority Members:

_____ _____

_____ _____

_____ _____

PART II

(For projects of $150,000 or more – IC 36-1-12-4)

Governmental Unit: _____

Bidder (Firm) _____

Date *(month, day, year):* _____

These statements to be submitted under oath by each bidder with and as a part of his bid. Attach additional pages for each section as needed.

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Expected Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you? _____ If so, where and why?

_____

_____

_____

4. List references from private firms for which you have performed work.

_____

_____

_____

_____

_____

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed work. *(Examples could include a narrative of when you could begin work, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)*

_____

_____

_____

_____

_____

2. Please list the names and addresses of all subcontractors *(i.e. persons or firms outside your own firm who have performed part of the work)* that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

_____

_____

_____

_____

_____

3. If you intend to sublet any portion of the work, state the name and address of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

_____

_____

_____

_____

_____

4. What equipment do you have available to use for the proposed project? Any equipment to be used by subcontractors may also be required to be listed by the governmental unit.

_____

_____

_____

_____

_____

5. Have you entered into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which would corroborate the prices listed.

_____

_____

_____

_____

_____

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of bidder's financial statement is mandatory. Any bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the contract must be specific enough in detail so that said governing body can make a proper determination of the bidder's capability for completing the project if awarded.

SECTION IV CONTRACTOR'S NON – COLLUSION AFFIDAVIT

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to include anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES FOR PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT.

Dated at _____ this _____ day of _____, _____

_____
(Name of Organization)

By_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) ss
COUNTY OF_____)

Before me, a Notary Public, personally appeared the above-named _____ and swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____, _____.

_____
Notary Public

My Commission Expires:_____

County of Residence:_____

BID OF

_____
(Contractor)

_____
(Address)

_____

FOR

PUBLIC WORKS PROJECTS

OF

_____

_____

_____

Filed _____, _____

Action taken _____

_____

BID BOND

KNOWN BY ALL PERSONS BY THESE PRESENTS THAT THE UNDERSIGNED:

BIDDER: _____

as principal, and

SURETY: *[Name]* _____

[Address] _____

_____

as Surety,

are firmly bound unto the Park Board of Starke County, Indiana in the full and just sum of an amount equal to ***TEN PERCENT*** of the amount of the Principal's bid, to the payment of which, well and truly to be made, we bind ourselves jointly and severally, and our joint and several heirs, executors, administrators and assigns, firmly by these presents.

THE CONDITIONS OF THE ABOVE OBLIGATIONS ARE SUCH THAT, whereas, the Principal is herewith submitting a bid and proposal for construction and completion of this contract in accordance with plans and specifications, which are made part of this bond;

NOW, THEREFORE, if the Park Board of Starke County shall award the Principal the contract and the Principal shall promptly enter into a contract with the Park Board of Starke County, then this obligation shall be void; otherwise to remain in full force, virtue, and effect.

IT IS AGREED that no modifications, omissions, or additions in or to the terms of such contract or in or to the plans or specifications therefore shall affect the obligation of such sureties on this bond.

IN WITNESS WHEREOF, we hereto set our hands and seals:

<< BIDDER >>

(Bid Bond)

_____

(Signature)

_____

(Printed)

_____

(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Principal and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____

(County of Residence) *(Notary Signature & Seal)*

<< SURETY >>

(Bid Bond)

_____

(Signature)

_____

(Printed)

_____

(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Surety and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____

(County of Residence) *(Notary Signature & Seal)*

PAYMENT BOND

KNOWN BY ALL PERSONS BY THESE PRESENTS THAT THE UNDERSIGNED:

CONTRACTOR: _____

as principal, and

SURETY: [Name] _____

[Address] _____

_____

as Surety,

are firmly bound unto the Park Board of Starke County, Indiana in the penal sum of an amount equal to ***ONE HUNDRED PERCENT*** of the amount of the Principal's bid, if the proposal is accepted, for the payment of which, well and truly made, we bind ourselves jointly and severally, and our joint and several heirs, executors, administrators and assigns, firmly by these presents.

THE CONDITIONS OF THE ABOVE OBLIGATION ARE SUCH THAT, whereas, the Principal is herewith submitting a bid and proposal for construction and completion of this contract in accordance with plans and specifications, which are made part of this bond;

NOW, THEREFORE, if the Park Board of Starke County shall award the Principal the contract for work and the Principal shall promptly enter into a contract with the Park Board of Starke County, for the work and shall promptly make payments of all amounts due to all Claimants, then this obligation shall be void; otherwise to remain in full force, virtue, and effect. Claimant shall mean any subcontractor, material supplier or other person, firm, or corporation furnishing materials or equipment for or performing labor or services in the prosecution of the work provided in such an agreement, including lubricants, oil, gasoline, coal, and coke, repairs on machinery, and tools, whether consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor, performed in such work.

IT IS AGREED that no modifications, omissions, or additions in or to the terms of such contract or in or to the plans or specifications therefore shall affect the obligation of such sureties on this bond.

IN WITNESS WHEREOF, we hereto set our hands and seals:

<< CONTRACTOR >>

(Payment Bond)

_____
(Signature)

_____
(Printed)

_____
(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Principal and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____
(County of Residence) *(Notary Signature & Seal)*

<< SURETY >>

(Payment Bond)

_____
(Signature)

_____
(Printed)

_____
(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Surety and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____
(County of Residence) *(Notary Signature & Seal)*

PERFORMANCE BOND

KNOWN BY ALL PERSONS BY THESE PRESENTS THAT THE UNDERSIGNED:

CONTRACTOR: _____

as principal, and

SURETY: [Name] _____

[Address] _____

_____

as Surety,

are firmly bound unto the Park Board of Starke County, Indiana in the penal sum of an amount equal to ***ONE HUNDRED PERCENT*** of the amount of the Principal's bid, if the proposal is accepted, for the payment of which, well and truly made, we bind ourselves jointly and severally, and our joint and several heirs, executors, administrators and assigns, firmly by these presents.

THE CONDITIONS OF THE ABOVE OBLIGATION ARE SUCH THAT, whereas, the Principal is herewith submitting a bid and proposal for construction and completion of this contract in accordance with plans and specifications, which are made part of this bond;

NOW, THEREFORE, if the Park Board of Starke County shall award the Principal the contract for work and the Principal shall promptly enter into a contract with the Park Board of Starke County, for the work and shall well and faithfully do and perform the same in all respects according to the plans and specifications and according to the time, terms, and conditions specified in this contract to be entered into, and in accordance with all requirements of law and shall promptly pay all debts incurred by the Principal or a subcontractor in the construction of the work, including labor, service, and materials furnished, *and shall remain in effect at least until one year after the date when final payment becomes due*, then this obligation shall be void; otherwise to remain in full force, virtue, and effect.

IT IS AGREED that no modifications, omissions, or additions in or to the terms of such contract or in or to the plans or specifications therefore shall affect the obligation of such sureties on this bond.

IN WITNESS WHEREOF, we hereto set our hands and seals:

<< CONTRACTOR >>

(Performance Bond)

_____

(Signature)

_____

(Printed)

_____

(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Principal and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____

(County of Residence) *(Notary Signature & Seal)*

<< SURETY >>

(Performance Bond)

_____

(Signature)

_____

(Printed)

_____

(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Surety and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____

(County of Residence) *(Notary Signature & Seal)*

MAINTENANCE BOND

KNOWN BY ALL PERSONS BY THESE PRESENTS THAT THE UNDERSIGNED:

CONTRACTOR: _____

as principal, and

SURETY: [Name] _____

[Address] _____

_____

as Surety,

are firmly bound unto Starke County, Indiana in the penal sum of an amount equal to ***THIRTY PERCENT*** of the amount of the Principal's bid, if the proposal is accepted, for the payment of which, well and truly made, we bind ourselves jointly and severally, and our joint and several heirs, executors, administrators and assigns, firmly by these present.

THE CONDITIONS OF THE ABOVE OBLIGATION ARE SUCH THAT, whereas, the Principal, entered into a Contract with Starke County on the ___ day of _____ ,20__ to construct Starke County Small Structure Replacement and complete this contract in accordance with plans and specifications, which are made part of this bond, and also warranting the work and materials used to prosecute the aforesaid Contract, for a period of two years from the date of expiration of the Performance Bond.

NOW, THEREFORE, if the principal shall faithfully perform and fulfill all the requirements of said Warranty and Guaranty, and make all repairs required under said Guaranty and, in the manner provided for, then this Bond shall be void; otherwise to remain in full force, virtue, and effect.

IT IS AGREED that no modifications, omissions, or additions in or to the terms of such contract or in or to the plans or specifications therefore shall affect the obligation of such sureties on this bond.

IN WITNESS WHEREOF, we hereto set our hands and seals:

<< CONTRACTOR >>

(Maintenance Bond)

_____

(Signature)

_____

(Printed)

_____

(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Principal and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____

(County of Residence) *(Notary Signature & Seal)*

<< SURETY >>

(Maintenance Bond)

_____

(Signature)

_____

(Printed)

_____

(Title)

State of Indiana. County of _____, SS:
Before me, the undersigned Notary Public, personally appeared;

_____ as Surety and acknowledged the execution of the above bond on this_____ day of _____, 2026.

My Commission Expires:_____

_____ _____

(County of Residence) *(Notary Signature & Seal)*

NON-COLLUSION AFFIDAVIT

STATE OF _____)
) SS
COUNTY OF _____)

The undersigned *CONTRACTOR*, being duly sworn, on oath, says that it has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by it, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone, nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding in any way or manner whatever.

BY _____
(Signature)

_____
(Title)

FOR _____
(Firm or Corporation)

Before me, the undersigned as Notary Public, personally appeared;

_____ this _____ day of _____, 2026.

My Commission Expires: _____

_____ _____
(County of Residence) *(Notary Signature & Seal)*

LEGAL STATUS OF BIDDER

This Proposal is submitted in the name of:

Firm Name _____

The undersigned hereby designates below his business address to which all notices, directions or other communications may be served or mailed:

Street _____

City _____

State _____ Zip Code _____

The undersigned hereby declares that he has legal status checked below:

( ) INDIVIDUAL
( ) INDIVIDUAL DOING BUSINESS UNDER AN ASSUMED NAME
( ) CO-PARTNERSHIP (The Assumed name of the partnership is registered in the County of _____, Indiana.
( ) CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF _____.
The Corporation is:
( ) LICENSED TO DO BUSINESS IN INDIANA
( ) NOT NOW LICENSED TO DO BUSINESS IN INDIANA

The name, titles and home address of all persons who are officers or Partners in the organization are as follows:

NAME AND TITLE	*HOME ADDRESS*

Signed and Sealed this _____ day of _____, 2026

By _____
(Signature)

_____
(Printed)

_____
(Title)

Payment Application Form
Starke County Parks Department

53 E. Mound St.
Knox, IN 46534
(574) 772-9011

PROGRESS ESTIMATE # _____

PARTIAL ☐

FINAL ☐

PROJECT:

_____

_____

_____

ITEM NO.	*ITEM DESCRIPTION*	*UNITS*	*UNIT PRICE*	*PLAN QUANTITY*	*QNTY THIS ESTIMATE*	*QNTY TO DATE*	*EXTENSION*

CONTRACTOR: _____

BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

TOTAL EARNINGS TO DATE: _____

LESS RETAINED PERCENTAGE: _____

PREVIOUS PAYMENTS: _____

AMOUNT DUE CONTRACTOR: _____

Change Order Form

STARKE COUNTY PARKS DEPARTMENT

CHANGE ORDER #

Project No. Contract No.

Project Description:

Whereas, the Standard Specifications for this contract provides for such work to be performed, the following change is recommended. (Give location, description and reason)

ITEM NO.	DESCRIPTION OF ITEM	UNIT PRICE	INCREASE		DECREASE		% CHANGE	
			QUANTITY	AMOUNT	QUANTITY	AMOUNT	THIS C.O.	TO DATE
	PLACE "EW" FOR EXTRA WORK ITEMS	TOTALS						
	PLACE "FA" FOR FORCE ACCOUNT ITEMS	NET INCREASED DECREASED		ESTIMATED COST $				

This contract has been extended / reduced (circle one) by _____ work / calendar (circle one) days or the completion date has been moved to _____ to accommodate the changes made in this change order. It is the intent of the parties that this change order is full and complete compensation for the work described above. Notification and consent to this change in plans is hereby acknowledged.

Contractor: By: _____ Date: _____

Title: _____

_____

Submitted for Consideration	
P.E.	Const. Engr.
County Engr.	Dir. High.

Approved for Starke County Parks Department

_____ _____ _____

(Signature) (Title) (Date)

AFFIDAVIT AND WAIVER OF LIEN

☐ Final ☐ Partial ☐ Payment to Follow

State of Indiana, County of _____ SS

_____being duly sworn states that he is the _____ of
(Name of Officer) *(Title)*

_____having contracted with _____ to furnish certain
(Subcontractor/Supplier) *(CONTRACTOR)*

materials and/or labor as follows _____

for the project known as Starke County Small Structure Replacment

located at _____ and owned by **the Park Board of Starke County**

and does hereby further state on behalf of the aforementioned subcontractor/supplier:

(PARTIAL WAIVER) that there is due from the *CONTRACTOR* the sum of

_____ Dollars($)

( ) receipt of which is hereby acknowledged; or
( ) the payment of which has been promised as the sole consideration of this affidavit and Partial Waiver of Lien which is given solely with respect to said amount and which waiver shall be effective only upon receipt of payment thereof by the undersigned:

(FINAL WAIVER) that the final balance due from the *CONTRACTOR* is the sum of

_____ Dollars($)

( ) receipt of which is hereby acknowledged or
( ) the payment of which has been promised as the sole consideration for this Affidavit and Final Waiver of Lien which shall become effective upon receipt of such payment

THEREFORE, the undersigned waives and releases unto the *OWNER* of said premises, any and all lien or claim whatsoever on the above-described property and improvements thereon on account of LABOR or material or both, furnished by the undersigned thereto, subject to limitations or conditions expressed herein, if any; and further certifies that no other party has any claim or right to a lien on account of any work performed or material furnished to the undersigned for said project, and within the scope of this affidavit and waiver.

_____ By_____ Title _____
(Firm) *(Authorized Representative)*

WITNESS MY HAND AND NOTARIAL SEAL this _____ day of _____ 20___.

_____
(Notary Public)

My Commission Expires _____ Printed _____

Residing in _____ County

CERTIFICATION LETTER

TO BE COMPLETED BY ALL SUB-CONTRACTORS AND MATERIAL SUPPLIERS

Reference:

Bass Lake Campground Electrical Upgrades
Starke County Bass Lake Campground

We hereby certify that we have examined the Contract Plans and Specifications for this project and that all materials and workmanship will be in strict compliance therewith.

Company Name _____

Address _____

_____

By _____
(Signature)

_____
(Printed)

_____
(Title)

Date _____

Describe Item of work or material to be furnished:

_____

_____

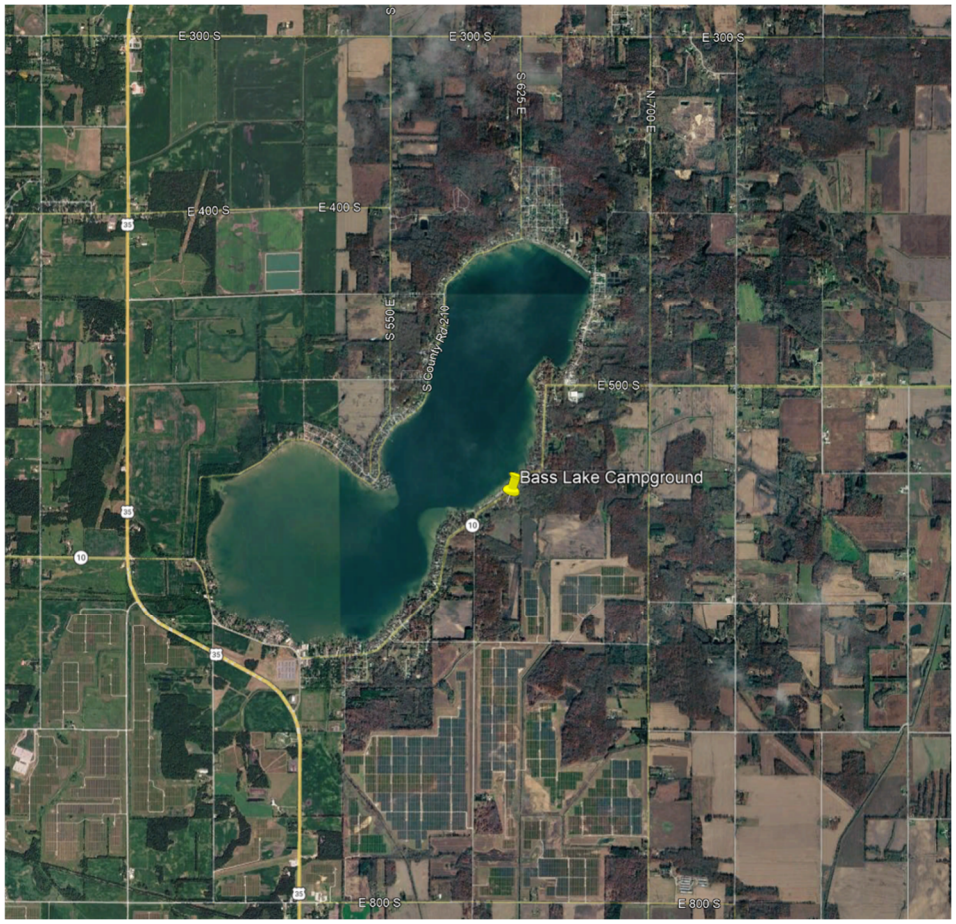
_____

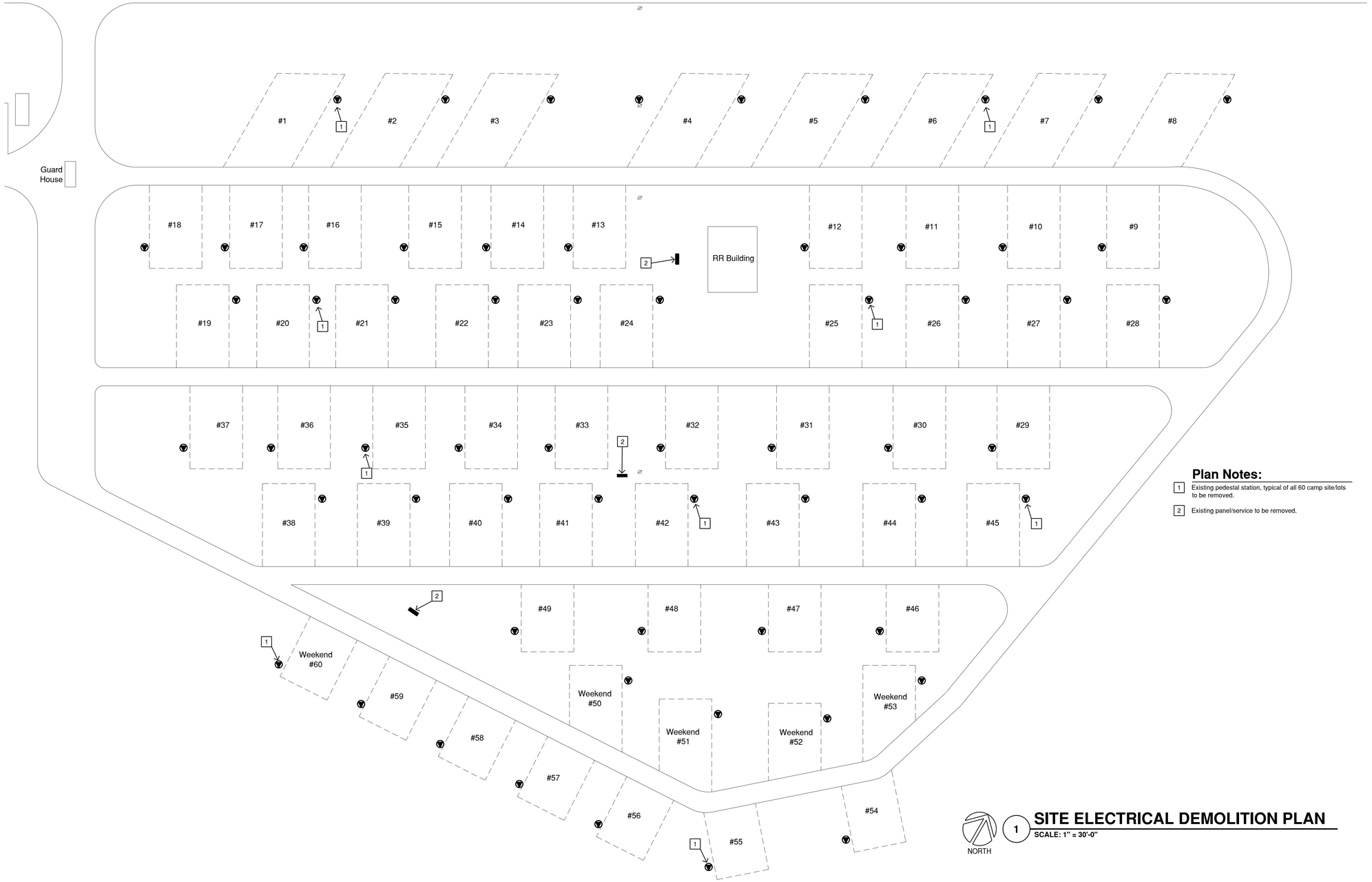
Copy to: *United Consulting*
8440 Allison Pointe Blvd.
Suite 200
Indianapolis, Indiana, 46250

Starke County Bass Lake Campground Location

5837 S. St Rd 10, Knox, IN 46534

Lat: 41°13'11.73"N Long: 86°34'44.05"W





Plan Notes:

1. Existing pedestal station, typical of all 60 camp site/lots to be removed.
2. Existing panel/service to be removed.

1 SITE ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 30'-0"

General Project Electrical Renovation Notes

1. Contractor shall be required to visit the premises prior to bidding to determine all existing conditions and systems related to his work and shall include in his bid proposal all labor and material required for the electrical installation to be complete and operative.
2. The complete electrical installation shall be in accordance with the latest editions of the National Electrical Code and all Federal, State, and local codes, rules, regulations and ordinances of all authorities having jurisdiction.
3. Where there is conflict for space with other trades, or space allocations are not adequate, the respective contractors shall consult the architect/engineer for a decision before installation is started.
4. Coordinate the electrical work with the architectural, mechanical, plumbing and other plans and details related to this project for work of all other trades.
5. The drawings represent a general scheme of existing conditions. All details of existing conditions may not appear on the drawings. The contractor shall visit the premises prior to bidding to determine all existing conditions and systems related to his work and shall include in his bid proposal all labor and material as required:
   - A. To disconnect all equipment electrically that is to be relocated or removed from service.
   - B. To disconnect and remove all electrical equipment that is to be removed from service or that is not to be reused.
   - C. To reconnect all existing equipment electrically that is to be relocated and/or that equipment that is to remain in service.
   - D. To provide a complete and operative system in accordance with the intent of these drawings and specifications.
6. The owner retains first salvage rights to all existing equipment removed under this contract. The contractor shall consult with the owner for disposition of the existing equipment to be removed. The contractor shall include in his bid proposal all costs related to the disposal of existing equipment removed under his contract.
7. All feeders and branch circuit conduits shall be installed concealed, unless such is demonstrated to be impossible. Installation of conduits to be run exposed shall be approved by architect/engineer before the work is begun.
8. Remove all electrical items in or on walls, ceilings and floors which will be removed for the renovation of this project. Disconnect completely before start of removal.
9. Existing exposed conduit no longer used for any purpose shall be removed unless imbedded in masonry, in which case the conduit shall be cut off flush with surface and patched.
10. Where outlets are removed and/or conduit is cut off, all the existing conductors shall be removed back to the next outlet, junction box or panelboard.
11. Existing conductors removed from service shall not be permitted to be used for new work under this contract.
12. Existing conduit runs remaining in place may be utilized for the renovation, provided the conduit is of adequate size per N.E.C. for the number and size of conductors being installed.
13. Blank covers shall be installed wherever device is removed and outlet box remains in place.
14. An existing electrical item remaining in service which has its existing supply circuit interrupted by removal of part of the building shall not be reconnected to a source which could be overloaded by the addition of this item.
15. Where existing conduit and/or circuit has been interrupted by removal of an outlets(s), wall or, portion of the circuit, the remaining conduit and/or circuit shall be rerouted, extended and reconnected as required to provide continuity of the circuit that is to remain in service.
16. Conduit and wire necessary for continuation of circuits around parts of building that are removed shall be installed concealed, unless such is demonstrated to be impossible and approved by the architect/engineer.
17. Where conduit cannot be installed concealed, surface type raceway system shall be installed complete with all proper fittings, adapters, outlets, devices, covers, end caps, etc. As manufactured by wiremold or an approved equal.
18. Surface type raceway system shall be installed parallel to, or at right angles to building lines.
19. Generally no horizontal runs shall be installed on surface or wall except: at corner with ceiling, at baseboard, for plugmold runs or as approved by the architect/engineer.
20. Where part or all of an existing panelboard is unsuitable for continued use, replace with new items as required for the proper operation of the electrical system in accordance with the N.E.C.
21. Provide overcurrent device of proper electrical characteristics for all new feeders and branch circuits as required for replacement of existing equipment and/or addition of new equipment.
22. The submission of a bid or proposal, shall be considered as conclusive evidence that the contractor is thoroughly familiar with the intent of the contract documents, and no change orders will be issued for any additional labor or material required to rectify any discrepancy discovered or reported to the architect/engineer after the execution of the contract.

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Bass Lake Campground - Electrical Upgrades

5837 S. St Rd 10
Knox, IN 46534

STARKE COUNTY PARKS + RECREATION

REVISIONS			
NO.	DATE	DESCRIPTION	
		PROJECT NO.	26041
		DATE	10-01-2026
		DRAWN BY	GMH
		CHECKED BY	SLH

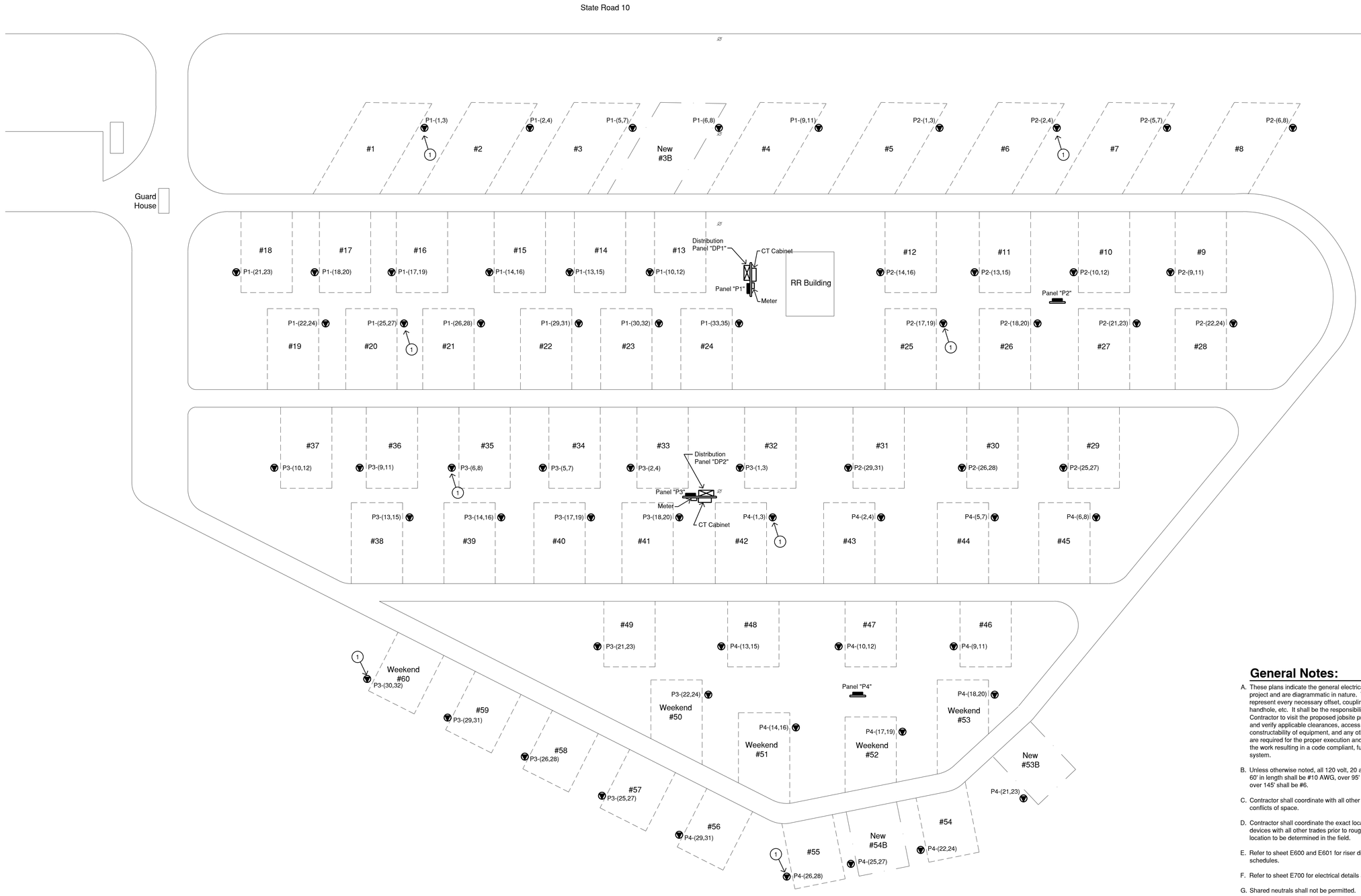
CERTIFICATION

SAMUEL L HURT
REGISTERED
No.
PE10100876
STATE OF
INDIANA
PROFESSIONAL ENGINEER

SHEET

SITE ELECTRICAL DEMOLITION PLAN

ED100



NORTH

1 SITE ELECTRICAL PLAN

SCALE: 1" = 30'-0"

General Notes:

A. These plans indicate the general electrical scope of the project and are diagrammatic in nature. They do not represent every necessary offset, coupling, fitting, handhole, etc. It shall be the responsibility of the Contractor to visit the proposed jobsite prior to bidding and verify applicable clearances, access and constructability of equipment, and any other items that are required for the proper execution and completion of the work resulting in a code compliant, fully functioning system.

B. Unless otherwise noted, all 120 volt, 20 amp circuits over 60' in length shall be #10 AWG, over 95' shall be #8, and over 145' shall be #6.

C. Contractor shall coordinate with all other trades to avoid conflicts of space.

D. Contractor shall coordinate the exact location of all devices with all other trades prior to rough-in. Exact location to be determined in the field.

E. Refer to sheet E600 and E601 for riser diagram and schedules.

F. Refer to sheet E700 for electrical details and symbols.

G. Shared neutrals shall not be permitted.

Plan Notes:

(1) Pedestal station, typical of all 63 camp site/lots. Refer to detail E3/E700.
Note, minimum wire size shall be #6 cu, voltage drop shall maintain a minimum 3% voltage drop.

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Knox, IN 46534

STARKE COUNTY PARKS + RECREATION

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NO.	26041
DATE	10-01-2026
DRAWN BY	GMH
CHECKED BY	SLH

CERTIFICATION

SAMUEL L. HUR, REGISTERED, No. PE10100876, STATE OF INDIANA, PROFESSIONAL ENGINEER

SHEET

SITE ELECTRICAL PLAN

E100

Distribution Panel "DP1"
240/120V., 1 PH., 3 W.

Mains: 800 Amp			Main Circuit Breaker: 800 Amp w/SPD	
Branch Breaker			Load Served	Notes
Desig.	Poles	Size		
DP1-1	1	400	Panel "P1"	
DP1-2	1	400	Panel "P2"	
DP1-3	1	100	Space	

Bus: Copper
Location: Uni-strut "H" Frame

Panel "P2"
(Nema 3R)

Voltage: 120/240
Amps: 400
Phase: 1
Wire: 3

Main: Main Lug Only
Bus: Copper
Mounting: Unistrut
Location: Exterior

Remarks	<Load (KW)> Light	Rec.	Heat	A/C	Equip.	Other	Cir. No.	20 AMP 1 Pole U.O.N.	Cir. No.	<Load (KW)> Other	Equip.	A/C	Heat	Rec.	Light	Remarks
Lot #5		9.6					1	60	2					9.6		Lot #6
							3	60	4							
Lot #7		9.6					5	60	6					9.6		Lot #8
							7	60	8							
Lot #9		9.6					9	60	10					9.6		Lot #10
							11	60	12							
Lot #11		9.6					13	60	14					9.6		Lot #12
							15	60	16							
Lot #25		9.6					17	60	18					9.6		Lot #26
							19	60	20							
Lot #27		9.6					21	60	22					9.6		Lot #28
							23	60	24							
Lot #29		9.6					25	60	26					9.6		Lot #30
							27	60	28							
Lot #31		9.6					29	60	30							Space
							31	60	32							Space
Space							33		34							Space
Space							35		36							Space
Space							37		38							Space
Space							39		40							Space
		76.8					Connected load (KW)							67.2		
		36.9					Demand load (KW)							32.3		

Legend	Total Demand (KW)							Feeder	Calculated ±
= 1 Pole	Light	Rec.	Heat	A/C	Equip.	Other	Total	Fed From:	
= 2 Pole		69.2					69.2	Wire Size:	Total Demand Amps = 289±
= 3 Pole								Conduit:	

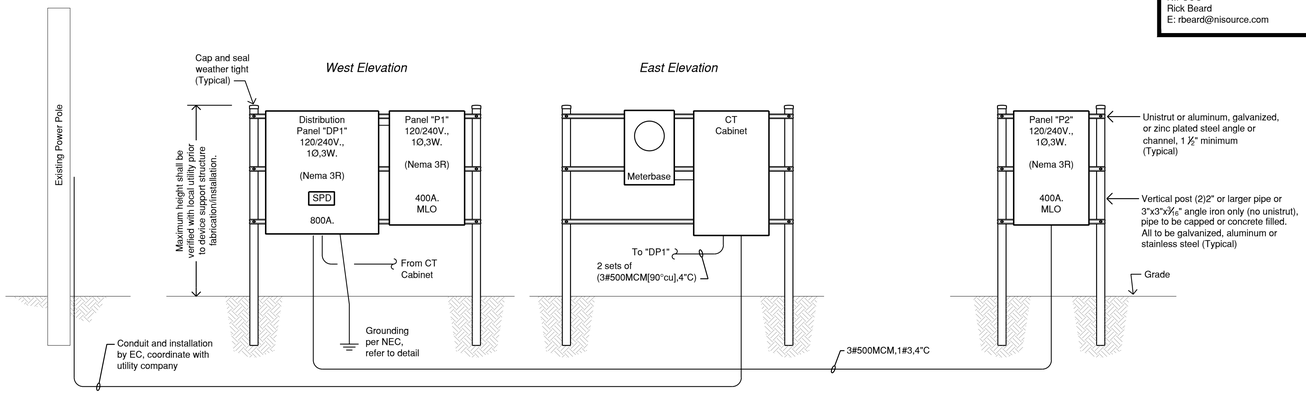
Panel "P1"
(Nema 3R)

Voltage: 120/240
Amps: 400
Phase: 1
Wire: 3

Main: Main Lug Only
Bus: Copper
Mounting: Unistrut
Location: Exterior

Remarks	<Load (KW)> Light	Rec.	Heat	A/C	Equip.	Other	Cir. No.	20 AMP 1 Pole U.O.N.	Cir. No.	<Load (KW)> Other	Equip.	A/C	Heat	Rec.	Light	Remarks
Lot #1		9.6					1	60	2					9.6		Lot #2
							3	60	4							
Lot #3		9.6					5	60	6					9.6		New Lot #3B
							7	60	8							
Lot #4		9.6					9	60	10					9.6		Lot #13
							11	60	12							
Lot #14		9.6					13	60	14					9.6		Lot #15
							15	60	16							
Lot #16		9.6					17	60	18					9.6		Lot #17
							19	60	20							
Lot #18		9.6					21	60	22					9.6		Lot #19
							23	60	24							
Lot #20		9.6					25	60	26					9.6		Lot #21
							27	60	28							
Lot #22		9.6					29	60	30					9.6		Lot #23
							31	60	32							
Lot #24		9.6					33	60	34							Space
							35	60	36							Space
Space							37		38							Space
Space							39		40							Space
		86.4					Connected load (KW)							76.8		
		40.6					Demand load (KW)							36.1		

Legend	Total Demand (KW)							Feeder	Calculated ±
= 1 Pole	Light	Rec.	Heat	A/C	Equip.	Other	Total	Fed From:	
= 2 Pole		76.7					76.7	Wire Size:	Total Demand Amps = 320±
= 3 Pole								Conduit:	



1 **ELECTRICAL RISER DIAGRAM - SERVICE LOCATION #1**
SCALE: NONE

Note:
Coordinate electrical service with local utility company prior to bid. Include all work in bid not performed by utility company.

Contact:
NIPSCO
Rick Beard
E: rbeard@nisource.com

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5837 S. St Rd 10
Knox, IN 46534

REVISIONS NO.	DESCRIPTION	DATE

PROJECT NO. 26041
DATE 10-01-2026
DRAWN BY GMH
CHECKED BY SLH

CERTIFICATION
SAMUEL L. HURT REGISTERED No. PE10100876 STATE OF INDIANA PROFESSIONAL ENGINEER

SHEET
ELECTRICAL RISER DIAGRAM & SCHEDULES
E600

Panel "P4"
(Nema 3R)

Voltage: 120/240
Amps: 400
Phase: 1
Wire: 3

Main: Main Lug Only
Bus: Copper
Mounting: Unistrut
Location: Exterior

Remarks	<Load (KW)> Light	Rec.	Heat	A/C	Equip.	Other	Cir. No.	20 AMP 1 Pole U.O.N.	Cir. No.	<Load (KW)> Other	Equip.	A/C	Heat	Rec.	Light	Remarks
Lot #42		9.6					1	60	2					9.6		Lot #43
							3	60	4							
Lot #44		9.6					5	60	6					9.6		Lot #45
							7	60	8							
Lot #46		9.6					9	60	10					9.6		Lot #47
							11	60	12							
Lot #48		9.6					13	60	14					9.6		Weekend Lot #51
							15	60	16							
Weekend Lot #52		9.6					17	60	18					9.6		Weekend Lot #53
							19	60	20							
New Lot #53B		9.6					21	60	22					9.6		Lot #54
							23	60	24							
New Lot #54B		9.6					25	60	26					9.6		Lot #55
							27	60	28							
Lot #56		9.6					29	60	30							Space
							31	60	32							Space
Space							33		34							Space
Space							35		36							Space
Space							37		38							Space
Space							39		40							Space
		76.8					Connected load (KW)							67.2		
		36.9					Demand load (KW)							32.3		

Legend	Total Demand (KW)							Feeder	Calculated ±
= 1 Pole = 2 Pole = 3 Pole	Light	Rec.	Heat	A/C	Equip.	Other	Total	Fed From: Wire Size: Conduit:	Total Demand Amps = 289±
		69.2					69.2		

Panel "P3"
(Nema 3R)

Voltage: 120/240
Amps: 400
Phase: 1
Wire: 3

Main: Main Lug Only
Bus: Copper
Mounting: Unistrut
Location: Exterior

Remarks	<Load (KW)> Light	Rec.	Heat	A/C	Equip.	Other	Cir. No.	20 AMP 1 Pole U.O.N.	Cir. No.	<Load (KW)> Other	Equip.	A/C	Heat	Rec.	Light	Remarks
Lot #32		9.6					1	60	2					9.6		Lot #33
							3	60	4							
Lot #34		9.6					5	60	6					9.6		Lot #35
							7	60	8							
Lot #36		9.6					9	60	10					9.6		Lot #37
							11	60	12							
Lot #38		9.6					13	60	14					9.6		Lot #39
							15	60	16							
Lot #40		9.6					17	60	18					9.6		Lot #41
							19	60	20							
Lot #49		9.6					21	60	22					9.6		Weekend Lot #50
							23	60	24							
Lot #57		9.6					25	60	26					9.6		Lot #58
							27	60	28							
Lot #59		9.6					29	60	30					9.6		Weekend Lot #60
							31	60	32							
Space							33		34							Space
Space							35		36							Space
Space							37		38							Space
Space							39		40							Space
		76.8					Connected load (KW)							76.8		
		36.1					Demand load (KW)							36.1		

Legend	Total Demand (KW)							Feeder	Calculated ±
= 1 Pole = 2 Pole = 3 Pole	Light	Rec.	Heat	A/C	Equip.	Other	Total	Fed From: Wire Size: Conduit:	Total Demand Amps = 301±
		72.2					72.2		

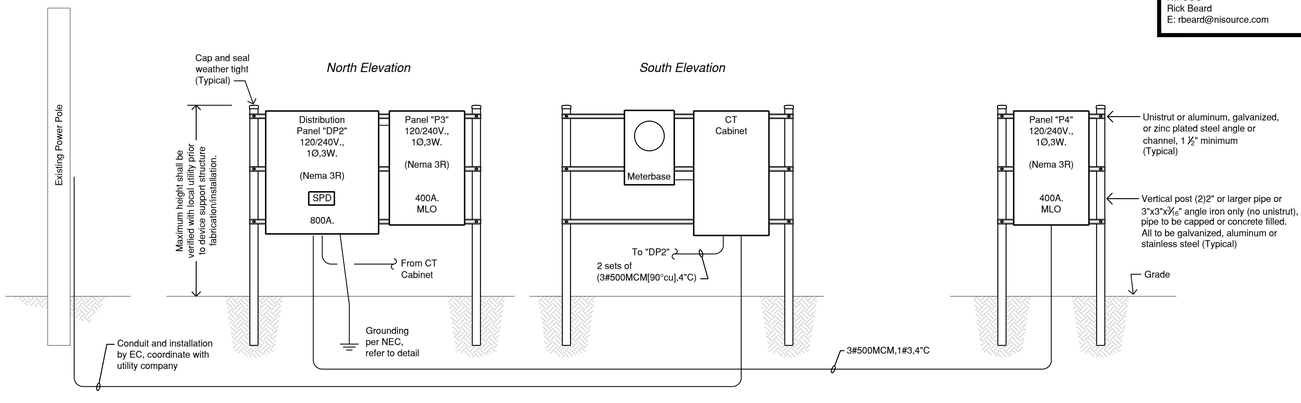
Distribution Panel "DP2"
240/120V., 1 PH., 3 W.

Mains: 800 Amp

Main Circuit Breaker: 800 Amp w/SPD

Branch Breaker Desig.	Poles	Size	Load Served	Notes
DP2-1	1	400	Panel "P3"	
DP2-2	1	400	Panel "P4"	
DP2-3	1	100	Space	

Bus: Copper
Location: Uni-strut "H" Frame



1 **ELECTRICAL RISER DIAGRAM - SERVICE LOCATION #2**
SCALE: NONE

Note:
Coordinate electrical service with local utility company prior to bid. Include all work in bid not performed by utility company.

Contact:
NIPSCO
Rick Beard
E: rbeard@nisource.com

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Bass Lake Campground - Electrical Upgrades
5837 S. St Rd 10
Knox, IN 46534

STARKE COUNTY PARKS + RECREATION

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NO. 26041
DATE 10-01-2026
DRAWN BY GMH
CHECKED BY SLH

CERTIFICATION

SAMUEL L. HURT REGISTERED No. PE10100876 STATE OF INDIANA PROFESSIONAL ENGINEER

SHEET

ELECTRICAL RISER DIAGRAM & SCHEDULES

E601

Electrical Symbols Legend

Lighting

	2'x4' LED light fixture
EM	2'x4' LED light fixture with emergency battery backup (switched)
EM/NL	2'x4' LED light fixture with emergency battery backup (non-switched)
NL	2'x4' LED light fixture (non-switched)
	1'x4' LED light fixture
EM	1'x4' LED light fixture with emergency battery backup (switched)
	2'x2' LED light fixture
EM	2'x2' LED light fixture with emergency battery backup (switched)
	4' long LED strip light fixture
	LED downlight
EM	LED downlight with emergency battery backup (switched)
	Wall mounted incandescent light fixture
	Wall mounted LED light fixture
	Ceiling mounted LED exit sign
	Wall mounted LED exit sign
	Wall mounted LED emergency lighting unit

Switches

S	Single pole switch
S3	Three-way switch
S4	Four-way switch
S[OS]	Wall switch type dual technology occupancy sensor (with integral manual override switch). Refer to Manufacturer's instructions for exact installation requirements prior to rough-in.
	Wall/corner mounted dual technology occupancy sensor. Refer to Manufacturer's instructions for exact installation requirements prior to rough-in.
	Ceiling mounted, omni-directional type dual technology occupancy sensor (standard range). Refer to Manufacturer's instructions for exact installation requirements prior to rough-in.
	Ceiling mounted, omni-directional type dual technology occupancy sensor (extended range). Refer to Manufacturer's instructions for exact installation requirements prior to rough-in.
SK	Single pole key operated switch
SM	Momentary contact switch
SP	Single pole switch with pilot light
SD	Dimmer switch
SF	Fusable switch
ST	Switch with thermal overloads
	Keyed push button kill switch
	Disconnect switch

Power

	Duplex receptacle (20 Amp rated)
	Duplex receptacle horizontally mounted (20 Amp rated)
	Quad receptacle (20 Amp rated per duplex)
	Ground fault interrupt receptacle (20 Amp rated)
WP	Weatherproof, ground fault interrupt receptacle (20 Amp rated) with "While-In-Use" cover
	Combination tamper resistant simplex receptacle (20 Amp rated) and *USB (Universal Serial Bus)* charging ports like Cooper #TR7741
	Combination tamper resistant duplex receptacle (20 Amp rated) and *USB (Universal Serial Bus)* charging ports like Cooper #TR7746
TR	Tamper resistant duplex receptacle (20 Amp rated)
TR	Tamper resistant duplex receptacle horizontally mounted (20 Amp rated)
TR	Tamper resistant quad receptacle (20 Amp rated per duplex)
TR	Tamper resistant ground fault interrupt receptacle (20 Amp rated)
TR WP	Weatherproof, tamper resistant ground fault interrupt receptacle (20 Amp rated) with "While-In-Use" cover

	Single plex receptacle (20 Amp rated)
	Floor mounted duplex receptacle (20 Amp rated)
	Duplex receptacle (20 Amp rated) mounted above counter or sink. Coordinate with furniture prior to installation
	Special purpose receptacle as noted on drawings
	Power pole
	120/208V. panel board
	277/480V. panel board
M	Motor connection
	Kitchen rough-in
T	Dry-type transformer
	Plug strip

Fire and Communication

F	Fire alarm pull station
F	Combination fire alarm pull station/horn/strobe
	Combination fire alarm horn/strobe
WP	Weatherproof, combination fire alarm horn/strobe
	Fire alarm strobe light
FS	Fire alarm smoke detector
FT	Fire alarm thermal detector
FD	Fire alarm duct detector
F.A.C.P.	Fire Alarm Control Panel with integral battery backup for secondary power source
T.T.B.	Telephone Terminal Board
	Telephone outlet location, 1" conduit with pullwire to above accessible ceiling
	Telephone/data outlet location, 1" conduit with pullwire to above accessible ceiling
	Data outlet location, 1" conduit with pullwire to above accessible ceiling
	Microphone jack
	Call back
S	Ceiling speaker
S	Wall mounted speaker
	Magnetic hold open
C	Clock location
TV	C.A.T.V. location
ADA	ADA push pad (for door control)

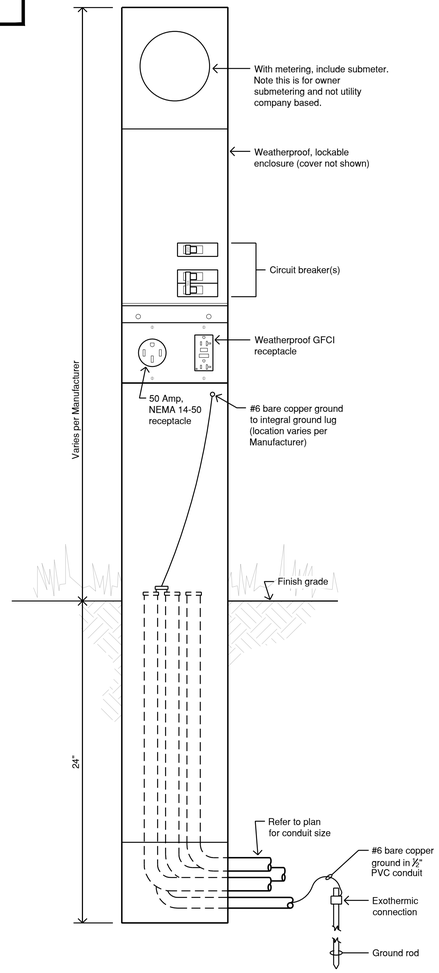
Circuiting

	Conduit system concealed above ceiling
	Surface mounted conduit system
	Conduit system under floor
	Homerun. Conduit system to panel as noted on drawings
J	Junction box
	Conduit up
	Conduit down

Notes

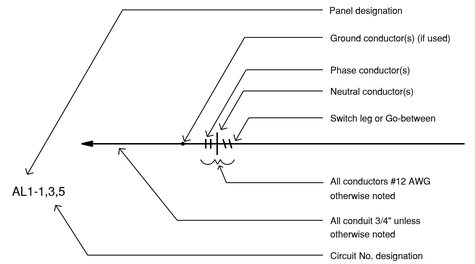
1. Switches shall be a maximum +48" A.F.F. to the top of the device unless otherwise noted on plans.
2. Receptacles, telephone outlets, and television outlets shall be a minimum of +18" A.F.F. to the bottom of the device unless otherwise noted on plans.
3. Not all symbols listed above are shown on plans. The symbol legend is used for reference of symbols shown on plans. See specifications for information related to symbols.

Coordinate installation with site details prior to rough-in.



3 DIRECT BURIAL METERED POWER OUTLET PEDESTAL DETAIL

SCALE: NONE

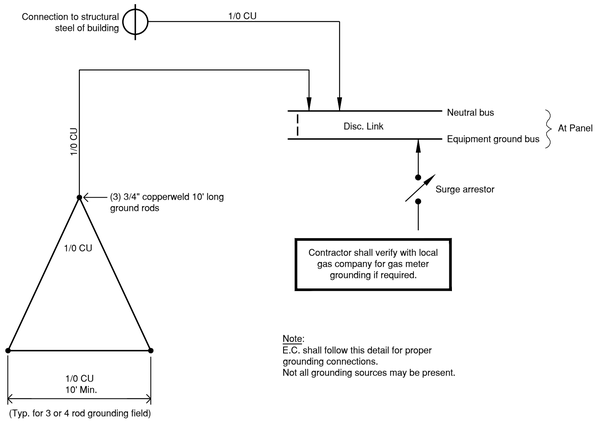


Notes:

1. #12 AWG is min. conductor size except as noted.
2. 3/4" conduit is min. Size except as capacity permitting 24 volt control conductors and switchlegs may be in 1/2" size, others as noted.
3. 1/2" is min. Flexsteel, Greenfield and Sealtite size.

2 KEY TO ELECTRICAL CIRCUIT WIRING

SCALE: NONE



Note:
E.C. shall follow this detail for proper grounding connections.
Not all grounding sources may be present.

1 GROUNDING DETAIL

SCALE: NONE

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Bass Lake Campground - Electrical Upgrades

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Knox, IN 46534

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NO.	26041
DATE	10-01-2026
DRAWN BY	GMH
CHECKED BY	SLH

CERTIFICATION

SAMUEL L. HUNT
REGISTERED
No. PE10100876
STATE OF INDIANA
PROFESSIONAL ENGINEER

SHEET

ELECTRICAL DETAILS & SYMBOLS

E700

Electrical Specifications

Work and Workmanship

1. Provide all required labor, materials, equipment and Contractor's services necessary for complete installation of systems required in full conformity with requirements of authorities having jurisdiction; all as indicated on Drawings and herein specified.

2. Finished job shall be functional and complete in every detail, including any and all such items required for a complete systems whether or not these items be specified or shown on Drawings.

3. Special attention shall be given to accessibility of working parts and controlling parts. Adjustable parts shall be within easy reach. Removable parts shall have space for removal.

4. Each Contractor shall acquaint himself with details of all work to be performed by other trades and take necessary steps to integrate and coordinate his work with other trades.

5. It is assumed the Contractor is familiar with standard first class installation procedures. Therefore, these Specifications do not attempt to include every detail or operation necessary for the complete installation.

6. It should be particularly noted that the terms "furnish" and "provide" are interchangeable and that each of these means to provide, install and connect, unless otherwise stated.

7. Whenever tables or schedules show quantity of materials, they shall not be used as final count. These figures serve only as a guide to the Contractor. Each Contractor shall be responsible for furnishing all materials indicated on the Drawings and in the Specifications.

8. Contractor shall be responsible for protection, safekeeping, and cleanliness of all existing equipment, materials, etc., located in spaces to be remodeled in which he is working. As part of his responsibility, he shall provide necessary covers, structures, etc., as required to keep all dirt, water, moisture and dust from equipment. The method the Contractor proposes to use in protecting equipment shall be coordinated with the Engineer and the Owner's representative for approval before any work is started. Any damage sustained during construction shall be corrected or replaced by the Contractor at his expense.

Assignment of Miscellaneous Work

1. Excavating and backfilling for electrical work shall be by the Electrical Contractor.

   A. Properly support banks of excavation with safety sheet pile or safety boxes. Install necessary guards. Provide adequate pumping equipment and keep excavation free of water.

   B. Excavate pipe trenches to proper depth. Where rock is encountered, excavate to 6" below pipe and refill to 6" above pipe with compacted granular fill. Granular fill shall consist of dune sand, gravel, or other suitable material containing not more than 10% by weight passing #200 sieve and 100% passing 1" sieve.

   C. Excavation for utilities shall not be backfilled until all required tests are performed and approved by Engineer and power company.

   D. Whenever underground feeders are run below footings and grade beams, Contractor shall backfill the void with poured, steel-reinforced concrete to elevation of bottom of footing or grade beam.

   E. Backfill within building lines shall be made with granular fill or compacted backfill material laid in 6" layers and tamped to specified compaction after each layer.

   F. Backfill under paved area shall be made with granular compacted backfill material laid in 12" layers and tamped to compaction after each layer.

   G. Backfill under open yards or fields shall be made with non-compacted backfill laid in layers not to exceed 24" deep. Sand trenches may be allowed to settle naturally and shall be refilled back to grade as required during the first year after final acceptance.

   H. Contractor shall refill, regrade and refinish any area that becomes unsatisfactory due to settlement within one year after final acceptance.

   I. Contractor shall verify all existing grades, inverts, utilities, obstacles land topographical conditions prior to any trenching, excavation or underground installation. In the event existing conditions are such as to prevent installation in accordance with the Drawings the Contractor shall immediately notify the Engineer.

2. Roof openings and flashing required by the Electrical contractor shall be by the Electrical Contractor. The Electrical Contractor is responsible for the correct size and location of same. Counterflashing by Electrical Contractor.

3. Cutting and patching for electrical equipment shall be by the Electrical Contractor.

   A. Cut structural materials where required only after approval from the Architect and Engineer.

   B. Electrical Contractor shall do all his own cutting and patching in finished area.

4. Sleeves and small openings (not framed) for electrical equipment shall be furnished and set by the Electrical Contractor.

   A. Where electrical conduits pass through walls, roofs, ceilings, or floors, Contractor shall have sleeves set for them when floors, walls, ceilings, or roofs are constructed. If any holes are cut in the finished work where sleeves have been omitted, cutting shall be done with a concrete coring machine or other approved method and only with consent of the Engineer. All such holes are to be carefully cut and shall not be larger than necessary. These holes are to be entirely covered by escutcheon plates when work is completed. Sleeves shall be made of steel pipe or rolled sheet steel no lighter than #18 gauge.

   B. Where conduits pass through sleeves in the existing walls, annular space shall be caulked with oakum and filled inside and out with non-hardening, waterproof sealant finished off flush with both faces of wall.

Shop Drawings

1. Review of shop drawings does not relieve Contractor of responsibility for correct ordering of material and equipment.

2. Include all significant data on shop drawing submittals shown in Specifications and Equipment Schedule.

3. Contractor review should insure that equipment will fit into available space.

4. Submit shop drawings in brochure form and include all related equipment in one brochure.

5. Submit two (2) copies more than Contractor needs for his use.

6. After award of contract, submit within 30 days.

7. Submit shop drawings of all major electrical components, such as light fixtures, panels, fire alarm systems, etc. Coordinate with Engineer.

8. Contractor shall review and approve and affix his company name (in the form of a stamp) and project name to all shop drawings and submittals before submitting.

Coordination Between Contractors

1. Each Contractor and Subcontractor shall study all Drawings applicable to this work so complete coordination between trades will be effected. Special attention shall be given to points where conduits cross pipes and/or ducts, where conduit passes through walls and columns, etc.

2. It is the responsibility of each Contractor and Subcontractor to leave necessary room for other trades. No extra compensation will be allowed to cover the cost of removing piping, conduit, or equipment found encroaching on space required by others.

Attaching to Building Construction

1. Equipment and raceway supports shall be attached to structural members (beams, joists, etc.) Rather than to floor or roof slabs. Do not attach to ceilling support wires.

2. Where equipment and raceway is suspended from existing concrete or masonry construction, use expansion shields to attach supports to construction. Expansion shield bolt diameter shall be same size as support rod diameter.

3. Where existing masonry is not suitable to receive and hold expansion shield or where other means of attachment is advantageous, Contractor shall submit alternate method for approval by Engineer.

4. Equipment to be installed in groups shall not be mounted directly to masonry or concrete walls. Mount 1" x 1" structural channel such as unistrut, to wall and secure equipment to these channels.

5. Where raceway is suspended from structural steel building framing or supporting members, furnish and install beam clamps for attaching piping device to building member.

6. Obtain approval from Owner or Engineer before cutting or welding to structural members, or before hanging heavy equipment.

Electrical Connections to Equipment

1. In the event that the supplier requires a larger starter or disconnect than those indicated on the documents, he shall reimburse the Contractor supplying these items for the difference.

Labeling and Tagging

1. The Electrical Contractor shall label all electrical equipment by one of these methods described below:

   A. Printed card labels may be used on items of equipment furnished with plastic windows. Labeling of the cards shall be nearly printed using a lettering device such as Leroy Instrument.

   B. Directories on the inside of panelboards shall be typewritten and shall show a list of circuits and points, equipment, or areas supplied.

   C. Motor starter interlocked with other starters or controls to be provided with labels on the inside of the cover stating the nature of the interlock system (i.e., interlocked with 120V circuit from PRV#1).

   D. Labels or tags inside the cover of safety switches or motor starters noting interlocks, conductor sizes, etc., may be of embossed adhesive tape type.

   E. Label inside of all wiring device coverplates to indicate circuit number. Use waterproof felt tip marker.

Codes and Standards

1. All materials and workmanship shall comply with all applicable codes.

2. All applicable codes and standards shall include all state laws, local ordinances, utility company regulations, and applicable requirement of nationally accepted codes and standards.

3. In case of a difference in building codes, specifications, state laws, local ordinances, industry standards, and utility company regulations, and Contract Documents, the most stringent shall govern. The Contractor shall promptly notify the Engineer in writing of such a difference.

4. Non-Compliance: should the Contractor perform any work that doesn't comply with the requirements of applicable building codes, state laws, local ordinances industry standards and utility company requirements, he shall bear all costs arising in correcting the deficiencies.

Electrical Raceways

1. Raceways

   A. Interior exposed and concealed:
   Electrical Metallic Tubing (EMT-Thinwall): Galvanized or sherardized steel type; UL approved. Allied, Republic Steel, Triangle, or equal. (M.C. cable is an acceptable equal to EMT).

   B. Motor connections:
   Flexible Type: Galvanized grounding and single strip type with smooth wiring channel; UL approved; neoprene jacksted in moist locations and for connections to motors. American Brass Sealtite Type EF; Electri-Flex: H.K. Porter; Triangle or equal.

   C. Exterior, underground and low voltage:
   Rigid Non-Metallic Type (PVC): Heavy, Schedule 40, PVC duct, UL listed, joints solvent welded, fittings and cement by same manufacture Carlon or equal.

   D. Surface metal raceway (Wiremold):
   1-piece raceway system with all necessary fittings. Wiremold, or equal.

2. Fittings

   A. Electrical Metallic tubing (EMT):
   All fittings shall be raintight, concrete-tight compression type thinwall, steel or malleable iron. Fittings shall maintain continuity of ground. Appleton, Raco, Thomas and Betts or equal.

   B. Flexible:
   Liquid-tight connectors shall have insulated throats, steel or malleable iron body, neoprene gasket and maintain continuity of ground. Connectors shall be compression type. Appleton, Raco, Thomas and Betts or equal.

   C. Bushings:
   Metallic or insulated as required; steel or malleable iron construction of standard pipe dimensions. Appleton, Raco, Thomas and Betts or equal.

   D. Lock Nuts:
   Case hardened steel or malleable iron. Lock nut shall insure continuity of ground. Appleton, Raco, Thomas and Betts or equal.

Electrical Wiring

1. Cable Lugs and Taps

   A. Lugs for termination of conductors in distribution panels, motors, etc., either provided by manufacturer or by Contractor, shall be T&B compression type or equal. Series 53100 for conductors #8 AWG to 4/0 and Series 53200 for conductors 250 MCM and larger. All lugs and contact surfaces where lugs are installed shall be silverplated.

   B. Terminals for control wire shall be tinned ring tongue type:
   Buchanan Terment; T&B Stakon or approved equal.

   C. Splices and connections to conductors larger than #8 AWG shall be by means of compression type T&B Series 53500 for 2-way and Series 53300 for 3-way connections; or equivalent Burndy connectors. Splices and taps shall have at least equivalent mechanical strength and insulation as conductors.

   D. Splicing of conductors #10 AWG or smaller shall be by one of the following methods: Conductors shall be twisted together and soldered. Preinsulated spring press connectors such as Scotchlock types Y, R and B, Ideal Wingnut or equal.

Electrical Wiring (Cont.)

2. Wire and Cable Up to 600 Volts

   A. Insulation:
   Color coded thermoplastic type rated 600V except where otherwise noted. #12 AWG through #8 AWG - 75°C, #6 AWG through #500 AWG - 90°C.

   B. Conductors:
   Soft drawn copper, each strand individually tinned or coated with approved alloy (Class B stranding).

   C. Conductors #10 and Smaller:
   For final connections to motors and all locations where vibration or movement is present - Class B, stranded conductors. For all other locations - solid conductors.

   D. Conductors #8 and Larger:
   Double braid, Class B, stranded.

   E. Types and Uses (unless otherwise specified or indicated on drawings):
   Up to and including 100 amp circuits - THW, THWN or THNN rated at 75°C ampacities. Greater than 100 amp circuits - THW, THWN, or THNN, rated at 90°C ampacities.

   F. Manufacturers:
   Anaconda; ITT-Royal, Triangle, G.E., or equal.

   G. Wire Tags:
   Main and feeder cables shall be tagged in all pull boxes, wireways and wiring gutters of panels. Tags shall identify wire or cable number and/or equipment served as shown on Drawings. Tags shall be metal or of flame-resisting adhesive material, T&B Type WSL or equal.

   H. Metallic clad cable is acceptable equal to EMT for 20 amp circuits.

Electrical Safety Switches (Disconnects)

1. Safety switches shall be heavy duty fused or nonfused, with number of poles, electrical characteristics, ratings and modifications are required (i.e., HP rating, short circuit interrupting rating, etc.).

2. Switching mechanism shall be quick-make, quick-break, with handle that is padlockable in "OFF" position.

3. Enclosure shall be suitable for area in which it is to be installed and shall have defeatable door interlock which prevents door from being opened when switch is "ON".

4. Fusible units which are to be equipped with current limiting fuses shall have fuseholders with rejection clips to prevent other type fuses from being installed.

5. Manufacturers: Square D; General Electric; Siemens.

Overcurrent Protection

1. General Requirements

   A. Short circuit interrupting ratings shall be equal to or greater than maximum short circuit currents possible in circuit location where devices will be installed and larger where indicated.

   B. Where used for other than motor circuits, devices shall be sized same as or next standard size above conductor ampacity.

   C. Where used for motor circuits, size shall be in accordance with NEC, and time delay characteristics shall be suitable for motors acceleration time.

   D. All devices shall be of time delay on nominal overloads and instantaneous operation on high fault current type unless otherwise noted.

2. Circuit Breakers

   A. Circuit breakers shall be gang-operated, load interrupter type with substantial case of moisture resistant, non-aging molded insulating material. Breakers shall be bolted design unless otherwise indicated.

   B. Contacts shall be copper alloy or copper and silter alloy, with arc quenchers and barrier for each pole.

   C. Mechanism shall be quick-make, quick-break with trip element for each pole and electrically and mechanically trip-free. Overcurrent on any pole of multi-pole circuit breaker shall cause all poles to open.

   D. Trip elements shall be ambient temperature compensated, thermal magnetic type with time delay on nominal overloads and instantaneous trip of short circuits. Circuit breakers larger than 100 amp shall have adjustable trips.

   E. Operated handle shall be provided which will indicate "ON", "TRIPPED" and "OFF" positions.

   F. GFI breakers used in branch circuits shall have built-in ground fault sensor which will automatically trip breaker n maximum five (5) milliamp ground fault. Unit shall have built-in push-to-test button.

   G. Breakers for control of fluorescent lighting shall be switching duty type switch. Breakers for control of HID lighting shall be SWD-HID rated.

Grounding

1. Entire installation to be grounded in accordance with NEC requirements.

2. Equipment shall be grounded thru one of the following paths to ground: Conduit system; separate grounding conductor connected to main; grounding conductor or panelboard ground bus; separate grounding conductor connected to ground rod installation.

3. At all electrical panels, install grounding bushings on al conduits and bond to panel ground bus using base #4 AWG copper conductor. At junction boxes, boxes in feeder conduit runs, install grounding bushings on all conduits, lug on junction box and bond conduits and box together using bare #4 AWG copper conductor.

4. Wiring run in non-metallic duct and flexible conduit shall carry separate grounding conductor.

5. At motor locations, motor frames shall be bonded to ground system by means of separate conductor pulled from panel ground bus or bonding jumper form conduit to motor frames.

6. For telephone, alarm, communication systems, etc., a #100 AWG copper conductor from electrical ground system to each terminal cabinet or equipment location shall be considered sufficient unless otherwise indicated.

7. Resistance to ground at any point shall not measure more than 25 ohms.

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Bass Lake Campground - Electrical Upgrades
5837 S. St Rd 10
Knox, IN 46534

STARKE COUNTY PARKS & RECREATION

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.	26041
DATE	10-01-2026
DRAWN BY	GMH
CHECKED BY	SLH

CERTIFICATION

SAMUEL L. HUNT
REGISTERED
No
PE10100876
STATE OF
INDIANA
PROFESSIONAL ENGINEER

SHEET

ELECTRICAL SPECIFICATIONS

E900

GENERAL PROVISIONS

GP1. CONTRACT SPECIFICATIONS

All contract specifications and provisions can be found on Plan Sheets ED100 and E900.