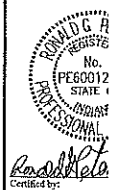


STATE OF INDIANA  
 DEPARTMENT OF NATURAL RESOURCES  
**BROWN CO. STATE PARK**  
**ELECTRICAL IMPROVEMENTS @ HORSEMAN'S CAMPGROUND**  
**AND**  
**TAYLOR RIDGE CAMPGROUND**



**BASE BID**

**ELECTRICAL IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITES 312-321, 336-367 & HORSEMAN CAMPGROUND: SITES 31, 39, 45, & 118.**  
**ADA IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITES 373 & 414 & HORSEMAN CAMPGROUND: SITES 31, 39, 45, & 118.**

**ADD ALTERNATES: NOTE THAT EACH ALTERNATE INCLUDES ADDITIONAL REQUIREMENTS.**

**ALTERNATE NO 1 ELECTRICAL IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITE 265. ADA IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITE: 265.**

**ALTERNATE NO2 ELECTRICAL IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITES 265, 322-328. ADA IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITE: 265. ADA IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND: SITE: 265.**

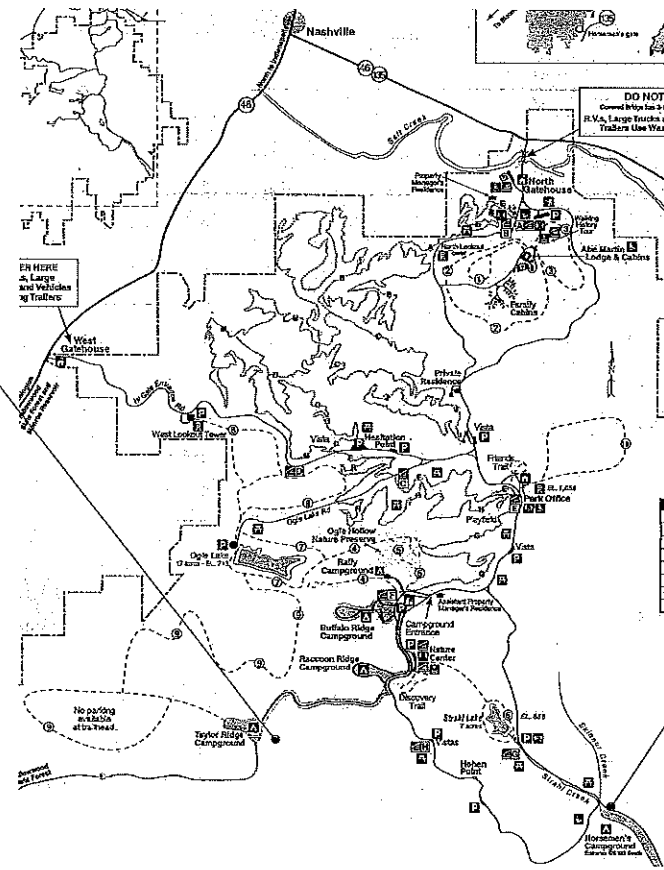
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PROJECT LOCATION  
 BROWN CO. STATE PARK  
 NEW CAMPGROUND ELECTRIC  
 VARIOUS SITES



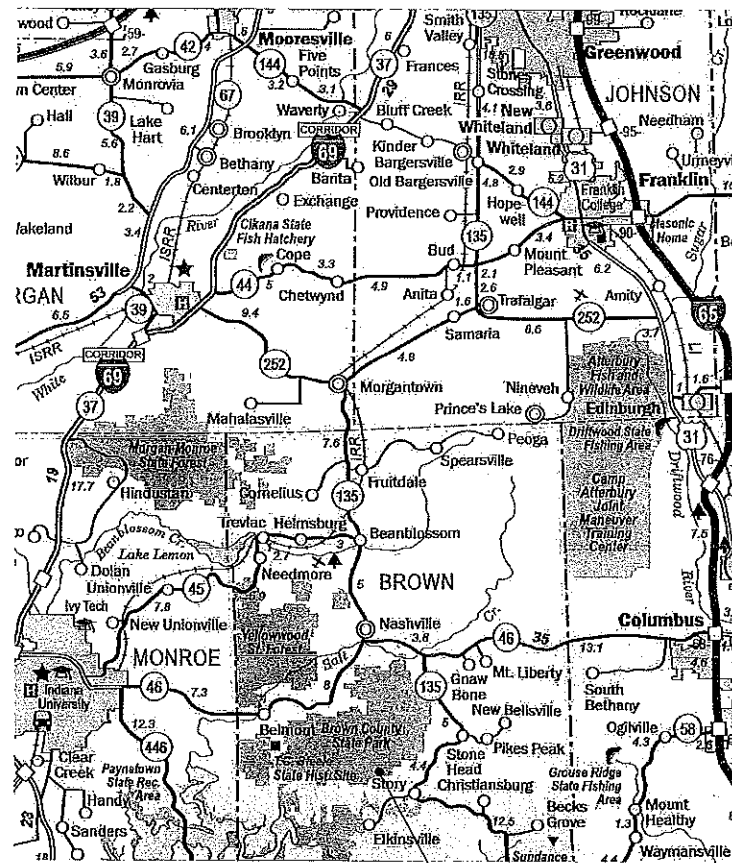
NASHVILLE, INDIANA  
 BROWN COUNTY

PROJECT LOCATION  
 BROWN CO. STATE PARK  
 NEW ELECTRIC @ TAYLOR RIDGE  
 CAMPGROUNDS



PROJECT LOCATION  
 BROWN CO. STATE PARK  
 NEW ELECTRIC @ HORSEMAN'S  
 CAMPGROUNDS

**PROJECT LOCATION MAP**



PROJECT LOCATION  
 BROWN CO. STATE PARK

**VICINITY MAP**

**INDEX:**

- T-1 TITLE/GENERAL INFORMATION SHEET
- E-1 ELECTRICAL IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND SITE PLAN
- E-1A PANEL BOARDS & CONDUCTOR SCHEDULES @ TAYLOR RIDGE CAMPGROUND
- E-2 ELECTRICAL IMPROVEMENTS @ TAYLOR RIDGE CAMPGROUND VARIOUS SITES
- E-3 ELECTRICAL IMPROVEMENTS PANEL BOARDS & CONDUCTOR SCHEDULES @ HORSEMAN'S CAMPGROUND
- E-4 ELECTRICAL PANEL BOARDS "J", "K", & "L"
- E-5 ELECTRICAL PEDESTAL DETAILS
- F-1 ADA SITE IMPROVEMENTS @ VARIOUS SITES



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 TODAY!

**BROWN CO. STATE PARK**  
 NEW ELECTRIC @ TAYLOR RIDGE & HORSEMAN'S CAMPGROUND SITES  
 PROJECT LOCATION MAP

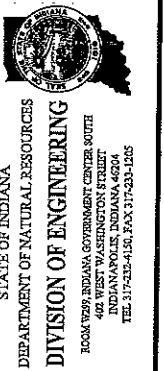
STATE OF INDIANA  
 DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF ENGINEERING**

Project Number:	ENG2003
Revision Number:	1058
Designer:	RGP
Drafter:	MAC
Client Approval:	
File Number:	010
Drawing Number:	
Sheet #	c

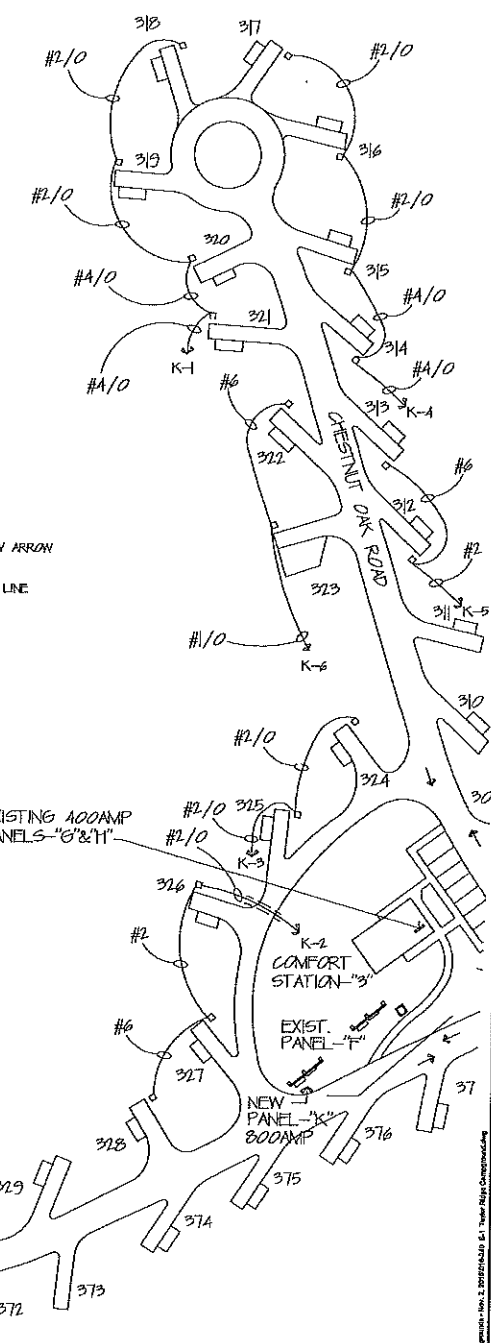


TAYLOR RIDGE  
COMFORT STATIONS 2&3  
50AMP ELECTRIC PEDestal  
INSTALLATIONS  
SITE PLAN

BROWN CO. STATE PARK  
CAMPGROUND ELECTRICAL REWIRE @ TAYLOR RIDGE  
DEPT. OF NATURAL RESOURCES  
P.O. BOX 608  
NASHVILLE, IN 47448

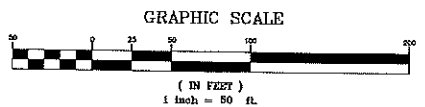
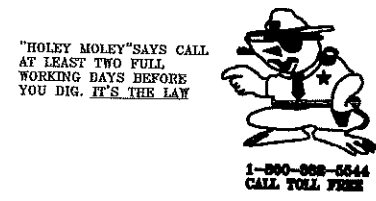
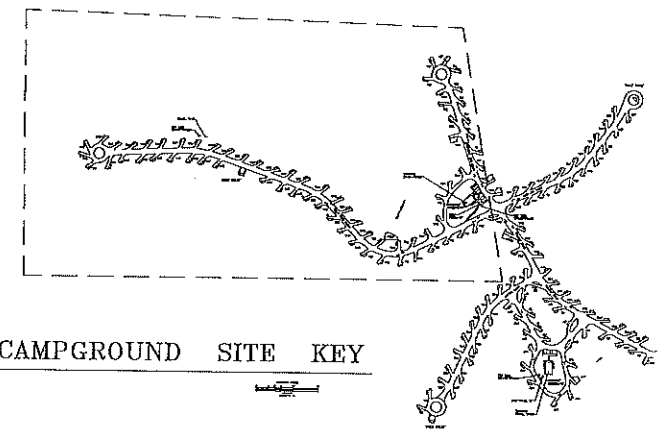


Project Number:	ENG2603722076
Acquisition Number:	105876
Designer:	RGP
Drawing Date:	7/25/19
Checker:	MAC
Drawing Scale:	AS SHOWN
DNR Approval:	
Client Approval:	
File Number:	016-240
Drawing Number:	E-1
Sheet:	# of ##



- LEGEND**
- X EXIST. ELECT. PEDESTALS TO BE REMOVED
  - ⊗ GATE VALVE & VALVE BOX
  - W WATER
  - TRAFFIC DIRECTIONAL FLOW ARROW
  - S SANITARY GEMER LINE
  - UNDERGROUND ELECTRICAL LINE
  - TRANSFORMER
  - EXIST. DRINKING FOUNTAIN
  - VT. VAULT TOILET
  - PE PRIMARY ELECTRIC

\* CONTRACTOR SHALL RUN ALL WIRING UNDER ROADWAYS THROUGH SCHEDULE 80 PVC PROTECTIVE CONDUIT.



INSTALLATION PLAN FOR:  
TAYLOR RIDGE CAMPGROUND

REF. DWG. - S: ACTIVE PROJECTS/STATE PARKS/16-BROWN CO./16-239 CAMPGROUND ELECT. REWIRE @ EXIST. SITES  
REF. DWG. - Y: ENGR. / DNR SCANS, DWGS & SPECS / STATE PARKS / 16-BROWN CO. S.P. / NEW FILES / 16-167 TAYLOR RIDGE CAMP SITES ...  
REF. DWG. - Y: ENGR. / DNR SCANS, DWGS & SPECS / STATE PARKS / 16-BROWN CO. S.P. / NEW FILES / 16-221 TAYLOR RIDGE CAMP SITES ...

NEW PANEL 'K' LOCATED BY COMFORT STATION - "3"  
TAYLOR RIDGE CAMPGROUND

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
K-1	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "K-1"	SITE 321	120/240V 230AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 321	SITE 320	120/240V 230AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 320	SITE 319	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 319	SITE 318	120/240V 175AMP
K-2	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "K-2"	SITE 325	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 325	SITE 327	120/240V 115AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 327	SITE 328	120/240V 65AMP
K-4	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "K-4"	SITE 314	120/240V 230AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 314	SITE 315	120/240V 230AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 315	SITE 316	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 316	SITE 317	120/240V 175AMP
K-3	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "K-3"	SITE 325	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 325	SITE 324	120/240V 175AMP
K-5	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "K-5"	SITE 312	120/240V 115AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 312	SITE 313	120/240V 65AMP
K-6	#1/0 CU./PH. & N #6 CU. GROUNDING	1 1/2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "K-6"	SITE 323	120/240V 150AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 323	SITE 322	120/240V 65AMP

NEW PANEL 'K' LOCATED BY COMFORT STATION - "3"  
TAYLOR RIDGE CAMPGROUND

PANEL BOARD - "K" SCHEDULE		LOCATION: TRANSFORMER "1" NEMA 3R RAINTROOF	
DESCRIPTION	AMP	LOAD (KW)	DESCRIPTION
K-1	2P-175A	38.4	2P-125A
K-3	2P-80A	19.2	2P-175A
K-5	2P-80A	19.2	2P-80A
TOTAL LOAD:		76.8	= 163.2
LOAD BALANCE CHECK:		BLACK = 76.8 KW	RED = 86.4 KW

ALLOWABLE CONDUCTOR TYPES:

- (1) 1/0 TYPE USE WIRE (FAN) U.L. LISTED, ANNEALED CU. WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (EOW) DIRECT BURIAL
- (2) 1/0 GROUND WIRE BARE OR INSULATED (GREEN) CU. SOFT DRAWN, STANDARD PER ASTM CLASS "B" OR "C", DIRECT BURIAL

GENERAL NOTES:

1. CONTRACTOR SHALL INSTALL TYPE 2 50AMP 240VOLT PEDESTAL (COPPER INTERIOR) WITH 6FGI CIRCUIT BREAKER
2. THE LOAD ON ALL BRANCH CIRCUITS TO THE 120 VOLT RECEPTACLES SHALL BE BALANCED EQUALLY BETWEEN THE TWO PHASE CONDUCTORS BY THE METHOD OF ALTERNATING THE PHASE WIRE LOADS AT EACH PEDESTAL.

NEW PANEL 'J' LOCATED BY EXIST. PANELS "C" & "D"  
TAYLOR RIDGE CAMPGROUND

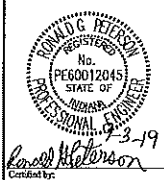
NEW PANELBOARD - "J" SCHEDULE		LOCATION: TRANSFORMER "1" NEMA 3R RAINTROOF	
DESCRIPTION	AMP	LOAD (KW)	DESCRIPTION
J-1	2P-125A	28.8	2P-125A
J-3	2P-125A	28.8	2P-125A
J-5	2P-125A	28.8	2P-125A
J-7			
J-9			
J-11			
TOTAL LOAD:		86.4	= 163.2
LOAD BALANCE CHECK:		BLACK = 76.8 KW	RED = 86.4 KW

NEW PANEL 'L' LOCATED BY EXIST. PANELS "C" & "D"  
TAYLOR RIDGE CAMPGROUND

NEW PANEL BOARD - "L" SCHEDULE		LOCATION: TRANSFORMER "1" NEMA 3R RAINTROOF	
DESCRIPTION	AMP	LOAD (KW)	DESCRIPTION
L-1	2P-125A	28.8	2P-125A
L-3	2P-125A	28.8	2P-125A
L-5	2P-125A	28.8	
TOTAL LOAD:		86.4	= 144.0
LOAD BALANCE CHECK:		BLACK = 86.4 KW	RED = 57.6 KW

NEW PANELS "L" & "J" LOCATED BY EXIST. PANELS "C" & "D"  
TAYLOR RIDGE CAMPGROUND

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
L-1	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "L-1"	SITE 350	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 350	SITE 351	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 351	SITE 352	120/240V 175AMP
L-2	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "L-2"	SITE 355	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 355	SITE 354	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 354	SITE 353	120/240V 85AMP
L-3	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "L-3"	SITE 347	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 347	SITE 348	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 348	SITE 349	120/240V 65AMP
L-4	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "L-4"	SITE 358	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 358	SITE 357	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 357	SITE 356	120/240V 85AMP
L-5	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "L-5"	SITE 359	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 359	SITE 360	120/240V 85AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 360	SITE 361	120/240V 65AMP
J-6	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "J-6"	SITE 344	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 344	SITE 345	120/240V 85AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 345	SITE 346	120/240V 65AMP
J-5	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "J-5"	SITE 343	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 343	SITE 342	120/240V 85AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 342	SITE 341	120/240V 65AMP
J-3	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "J-3"	SITE 340	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 340	SITE 339	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 339	SITE 338	120/240V 65AMP
J-4	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "J-4"	SITE 362	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 362	SITE 363	120/240V 85AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 363	SITE 364	120/240V 65AMP
J-2	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "J-2"	SITE 337	120/240V 175AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 337	SITE 336	120/240V 65AMP
J-1	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "J-1"	SITE 365	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 365	SITE 366	120/240V 230AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 366	SITE 367	120/240V 65AMP



LITTLE BUFFALO RIDGE  
ELECTRICAL PANEL  
PANELBOARD SCHEDULE

BROWN CO. STATE PARK  
NEW CAMPGROUND ELECTRIC - TAYLOR RIDGE & HORSEMAN'S  
DEPT. OF NATURAL RESOURCES  
1405 SR 46 W  
NASHVILLE, INDIANA 47448-0608



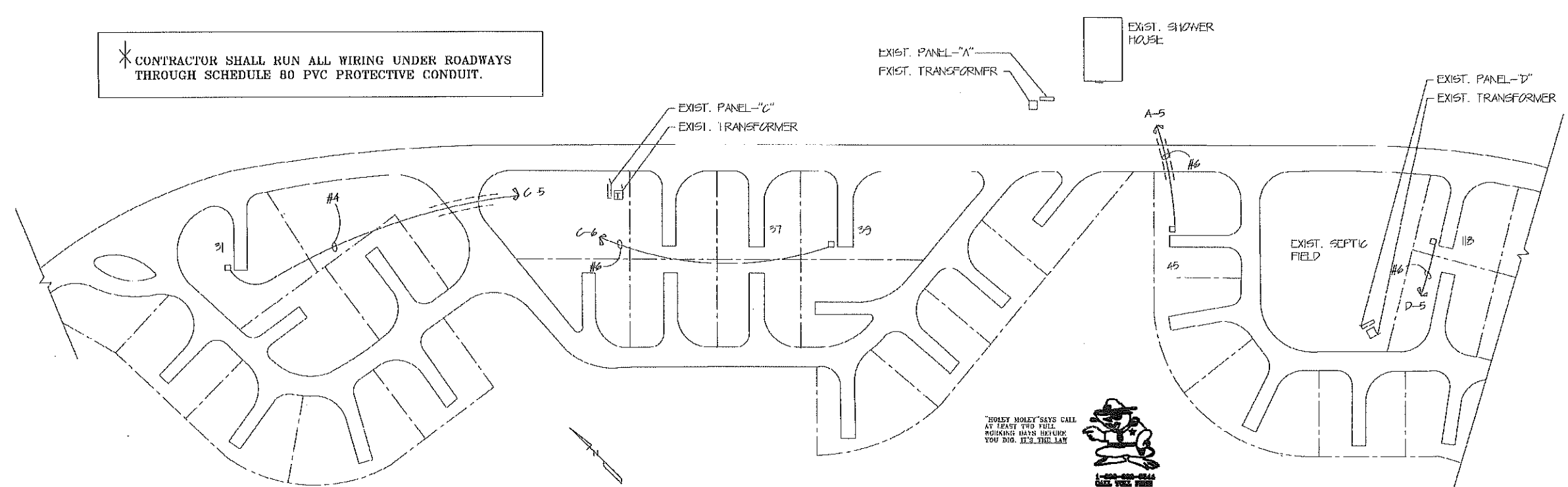
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DIVISION OF ENGINEERING  
ROOM 1000 INDIANA GOVERNMENT CENTER SOUTH  
INDIANAPOLIS, INDIANA 46204  
TEL: 317-232-4150, FAX: 317-232-1206

Project Number: ENG2003722076  
 Reproduction Number: 105876  
 Designer: RGP  
 Date: 7/25/19  
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 Date: AS NOTED  
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 Drawing Number: E-1a  
 Sheet: 1 of 1

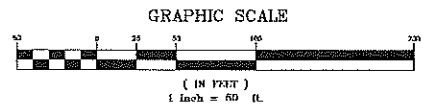
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\* CONTRACTOR SHALL RUN ALL WIRING UNDER ROADWAYS THROUGH SCHEDULE 80 PVC PROTECTIVE CONDUIT.



INSTALLATION PLAN FOR:  
HORSEMAN'S CAMPGROUND



HORSEMAN'S CAMPGROUND EXIST. PANEL

PANELBOARD-"C" SCHEDULE		LOCATION: TRANSFORMER "3" (SEPTIC FIELD)	
PANEL RATING	NO. OF CIRCUITS	NO. OF CIRCUITS	NO. OF CIRCUITS
C-1	2P-100A	38.4	2P-30A
C-5	2P-50A	9.6	2P-100A
C-3	2P-100A	38.4	2P-50A
TOTAL LOAD:		86.4	153.6

LOAD BALANCE CHECK: BLACK = 55.4 KW  
RED = 67.2 KW

ALLOWABLE CONDUCTOR TYPES:  
 1) (C)- 1/2" TYPE USE WIRE (FAN) UL LISTED, ANNEALED CU. WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (EOW) DIRECT BURIAL.  
 2) 1/2" BRONZE WIRE BARE OR UNLATERATED (EOW) CU. SOFT DRAWN STANDARD PFR ASTM CLASS "B" OR "C", DIRECT BURIAL.

GENERAL NOTES:  
 1. CONTRACTOR SHALL INSTALL TYPE 2 50AMP 240VLT PEDestal (COPPER INTERIOR) WITH GFCI CIRCUIT BREAKER.  
 2. THE LOAD ON ALL BRANCH CIRCUITS TO THE 120 VOLT RECEPTACLES SHALL BE BALANCED EQUALLY BETWEEN THE TWO PHASE CONDUCTORS BY THE METHOD OF ALTERNATING THE PHASE WIRE LOADS AT EACH PEDestal.

HORSEMAN'S CAMPGROUND EXIST. PANEL

PANELBOARD-"A" SCHEDULE		LOCATION: TRANSFORMER "3" (SEPTIC FIELD)	
PANEL RATING	NO. OF CIRCUITS	NO. OF CIRCUITS	NO. OF CIRCUITS
A-5	2P-50A	9.6	
TOTAL LOAD:		9.6	

LOAD BALANCE CHECK: BLACK = KW  
RED = KW

HORSEMAN'S CAMPGROUND EXIST. PANEL

PANELBOARD-"D" SCHEDULE		LOCATION: TRANSFORMER "3" (SEPTIC FIELD)	
PANEL RATING	NO. OF CIRCUITS	NO. OF CIRCUITS	NO. OF CIRCUITS
D-5	2P-50A	9.6	2P-100A
D-2	2P-100A	38.4	
D-3	2P-100A	38.4	2P-100A
TOTAL LOAD:		86.4	220.8

LOAD BALANCE CHECK: BLACK = 124.8 KW  
RED = 96.0 KW

HORSEMAN'S CAMPGROUND

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
C-5	#6 CU./PH. & N #8 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C-5"	SITE 31	120/240V 65AMP
C-6	#6 CU./PH. & N #8 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C-5"	SITE 39	120/240V 65AMP

HORSEMAN'S CAMPGROUND

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
A-5	#8 CU./PH. & N #8 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "A-5"	SITE 45	120/240V 65AMP

HORSEMAN'S CAMPGROUND

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
D-5	#6 CU./PH. & N #8 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "D-5"	SITE 118	120/240V 65AMP

REF. DWG. - S: ACTIVE PROJECTS/STATE PARKS/16-BROWN CO. / 16-239 CAMPGROUND ELECT. REWIRE @ EXIST. SITES  
 REF. DWG. - Y: ENGR. / DNR SCANS, DWGS & SPECS / STATE PARKS / 16-BROWN CO. S.P. / NEW FILES / 16-221 HORSEMAN'S CAMP SITES / SHEETS E-5 & E-6

Rowell D.C. Peterson  
No. PE0012043  
STATE OF INDIANA

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HORSEMAN'S CAMPGROUND  
PANEL BOARDS A, C, & D  
50AMP ELECTRICAL PEDestal  
INSTALLATIONS  
SITE PLAN

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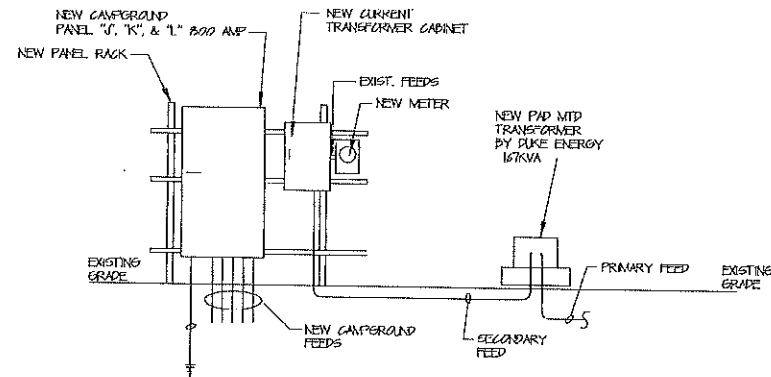
**BROWN CO. STATE PARK**  
CAMPGROUND ELECTRICAL REWIRE  
DEPT. OF NATURAL RESOURCES  
P.O. BOX 608  
NASHVILLE, IN 47448

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STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF ENGINEERING**  
ROOM 3500, INDIANA GOVERNMENT CENTER NORTH  
400 WEST WASHINGTON STREET  
INDIANAPOLIS, INDIANA 46204  
TEL: 317-232-4150, FAX: 317-232-1115

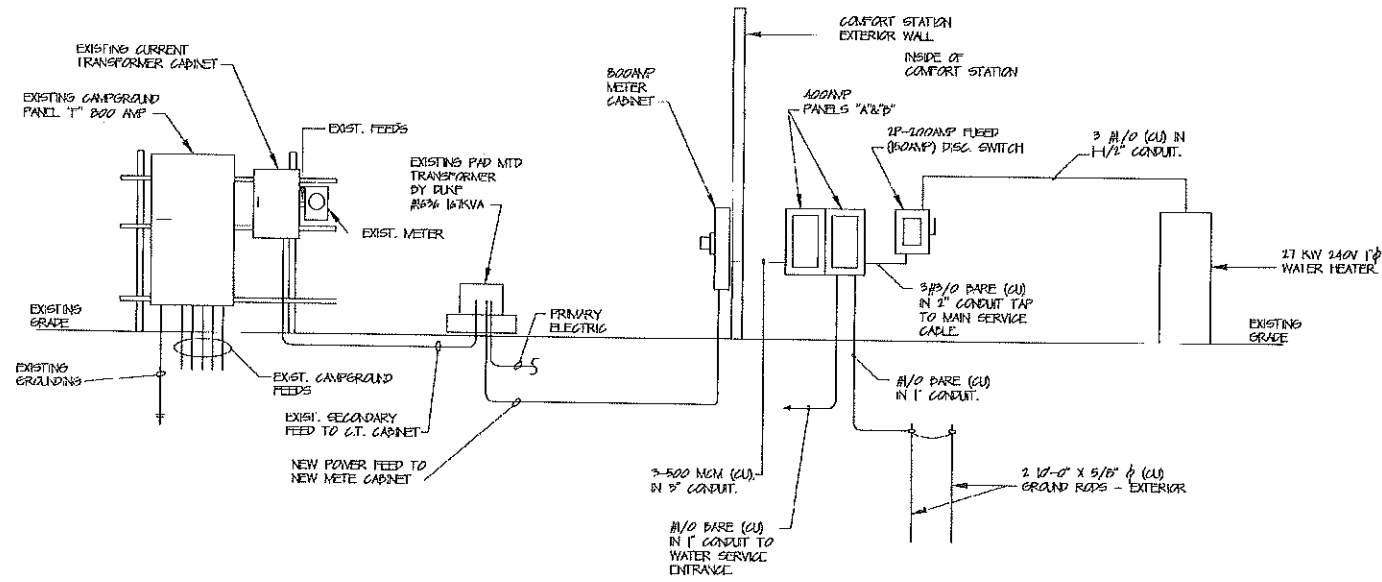
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 File Number: **016-240**  
 Drawing Number: **E-3**  
 Sheet # of #

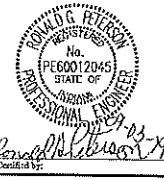


NEW ELECTRICAL RISER DIAGRAM  
NEW PANEL "J", "K", & "L"  
NOT TO SCALE

"SEE SHEET E-2"  
TAYLOR RIDGE



NEW ELECTRICAL RISER DIAGRAM @  
COMFORT STATION #3  
NOT TO SCALE



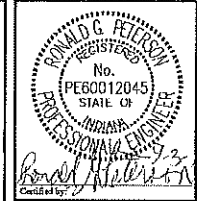
TAYLOR RIDGE  
COMFORT STA. #3  
ELECTRICAL RISER  
DIAGRAM

BROWN CO. STATE PARK  
NEW CAMPGROUND ELECTRIC - TAYLOR RIDGE SITES  
DEPT. OF NATURAL RESOURCES  
1405 SR 46 W  
NASHVILLE, INDIANA 47448-0608



STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF ENGINEERING  
400 WEST WASHINGTON STREET  
INDIANAPOLIS, INDIANA 46204  
TEL. 317-232-4150, FAX 317-233-1205

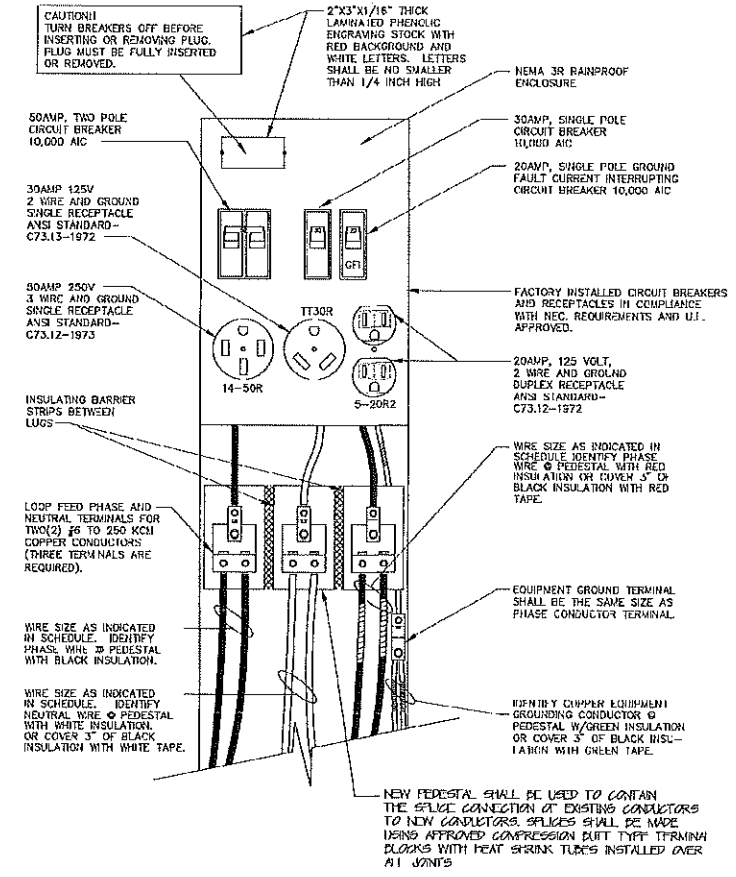
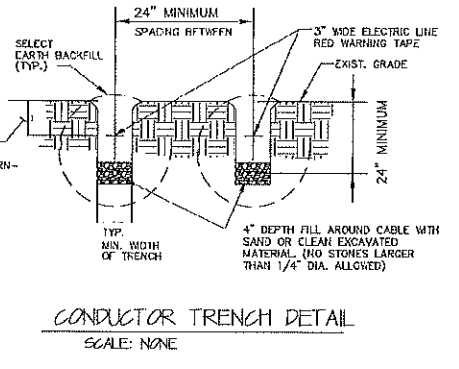
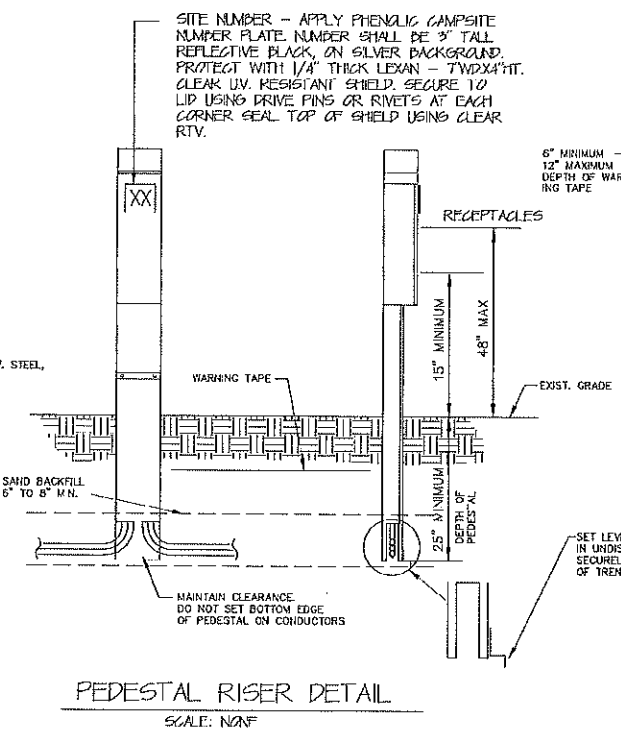
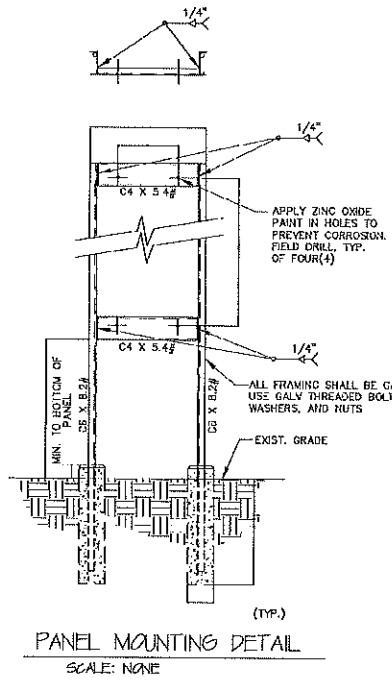
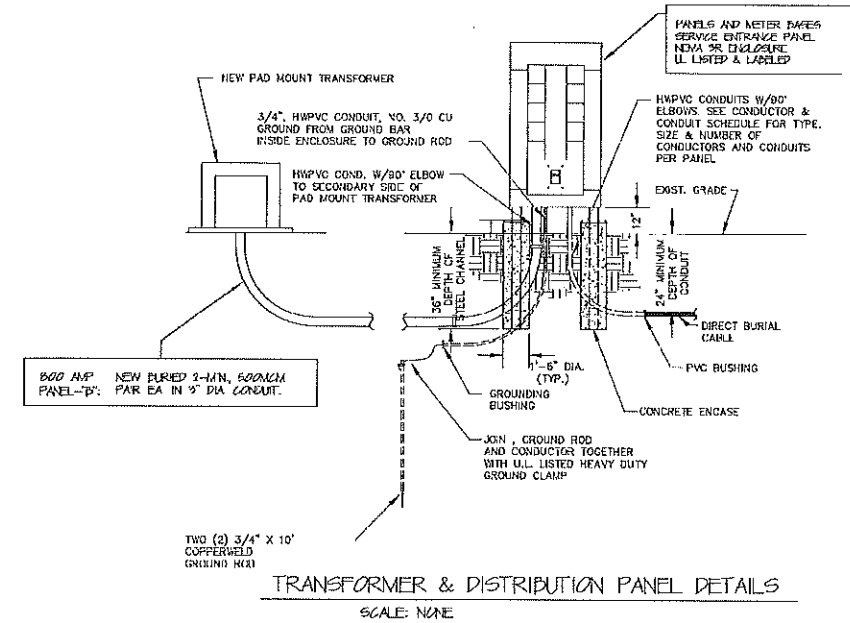
Revision:	
Project Number:	ENG2003722076
Revision Number:	105876
Drawn:	RGP
Check:	MAC
Scale:	AS NOTED
Client Approval:	
File Number:	016-240
Drawing Number:	E-4
Sheet:	of



**BROWN COUNTY STATE PARK**  
 NEW ELEC @ TAYLOR RDG & HORSEMAN CG SITES  
 DEPARTMENT OF NATURAL RESOURCES  
 1405 SR. 46 W  
 NASHVILLE, IN 47448-0608



Project Number:	ENG2003722076
Revision:	105876
Design:	RCP
Drawn:	MAC
Checked:	AS NOTED
Client Approval:	
File Number:	016-240
Sheet:	E-5

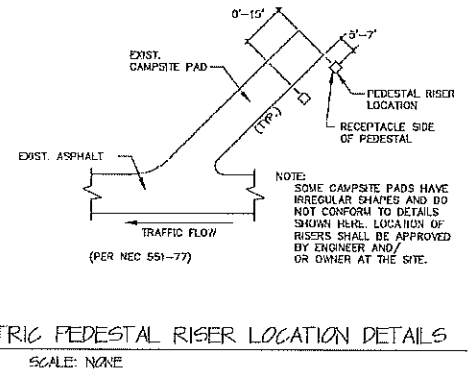


**NOTE:**  
 SITE #S SHALL BE INSTALLED ON OUTSIDE COVER OF PEDESTALS - BLACK REFLECTIVE VINYL LETTERING (2") SILVER BACKGROUND.

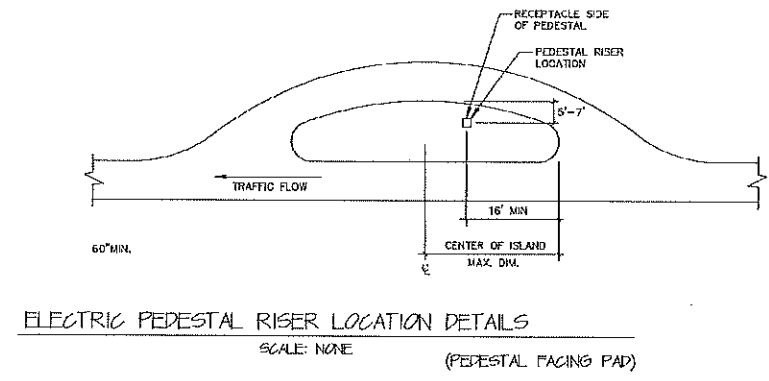
**NOTE:** ALL CAMPSITE PEDESTAL LOCATIONS MUST CONFORM TO NEC 551-77

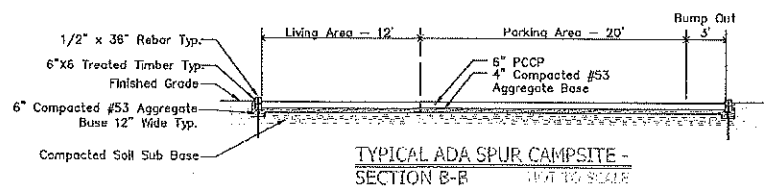
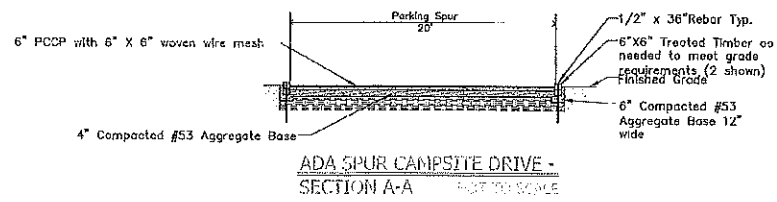
- ALLOWABLE CONDUCTOR TYPES:**
- (1) 1/2" TYPE USE WIRE (JAN) UL LISTED, ANNEALED CU, WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (600V) DIRECT BURIAL
  - (2) 1/2" BRONZE WIRE BARE OR INSULATED (GREEN) CU, SOFT DRAWN, STANDARD PER ASTM CLASS "B" OR "C", DIRECT BURIAL

- GENERAL NOTES:**
- CONTRACTOR SHALL INSTALL TYPE 2 50AMP 120VOLT PEDESTAL (COPPER INTERIOR) WITH 50AFC CIRCUIT BREAKER
  - THE LOAD ON ALL BRANCH CIRCUITS TO THE 120 VOLT RECEPTACLES SHALL BE BALANCED EQUALLY BETWEEN THE TWO PHASE CONDUCTORS BY THE METHOD OF ALTERNATING THE PHASE WIRE LOADING AT EACH PEDESTAL

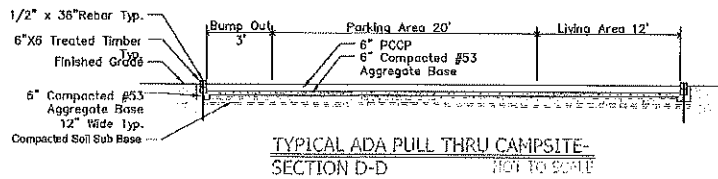
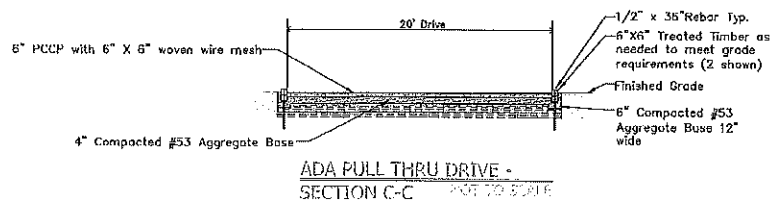


SEE ADA PLANS FOR ADA SITES

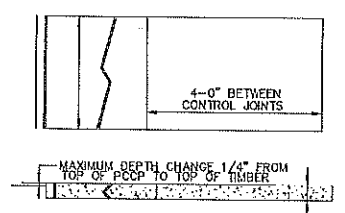
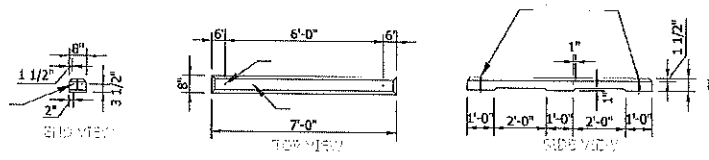
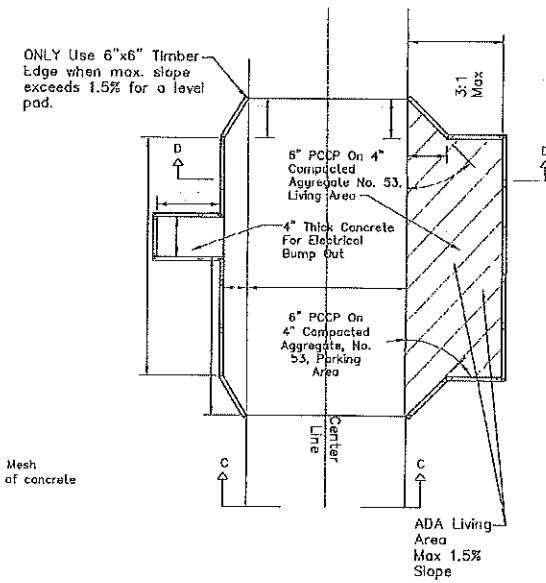
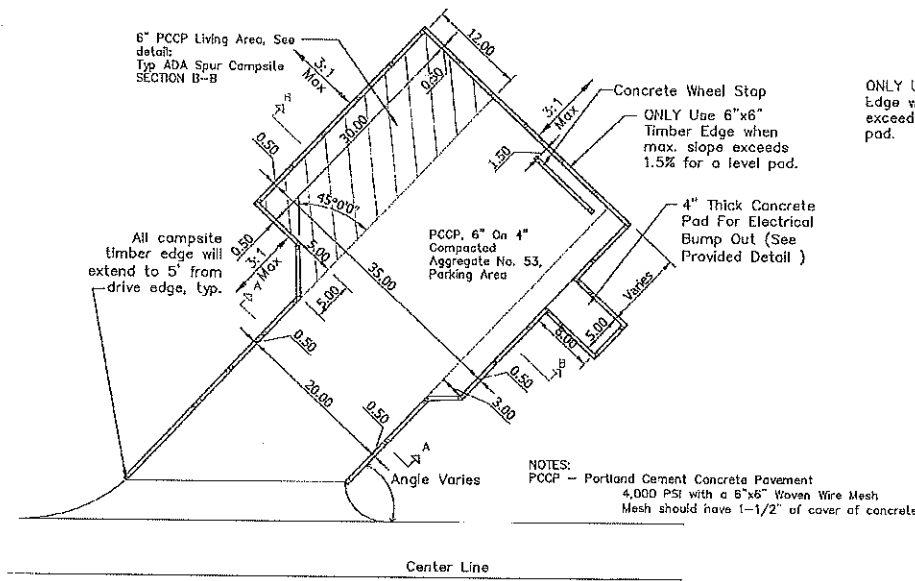




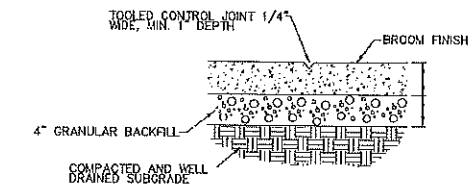
NOTES:  
 PCCP - Portland Cement Concrete Pavement  
 4,000 PSI with a 6"x6" Woven Wire Mesh  
 Mesh shall have 1-1/2" of cover of concrete



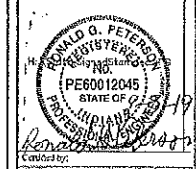
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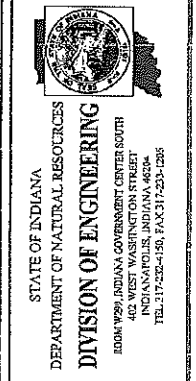
NOTE:  
 JOINT BETWEEN TIMBER AND CONCRETE PAD SHALL BE CUT WITH A JOINTER HAVING A RADIUS OF 1/4" AND FILLED WITH JOINT FILLER.



NOTES:  
 1.) CONTROL JOINTS 4'-0" O.C. MAX (SEE PLANS FOR ANY VARIATIONS)



**BROWN COUNTY STATE PARK**  
 NEW ELEC @ TAYLOR RDG & HORSEMAN'S CG SITES  
 DEPARTMENT OF NATURAL RESOURCES  
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Revision	08-19-19
Project Number	ENG2003722076
Requisition Number	Requisition#
Designer	DAK
Drawn By	08-19-19
Checked	DAK
Engineer	AS NOTED
DNS Approval	
File No.	016-240
Drawn Name	F-1
Sheet	# of ##