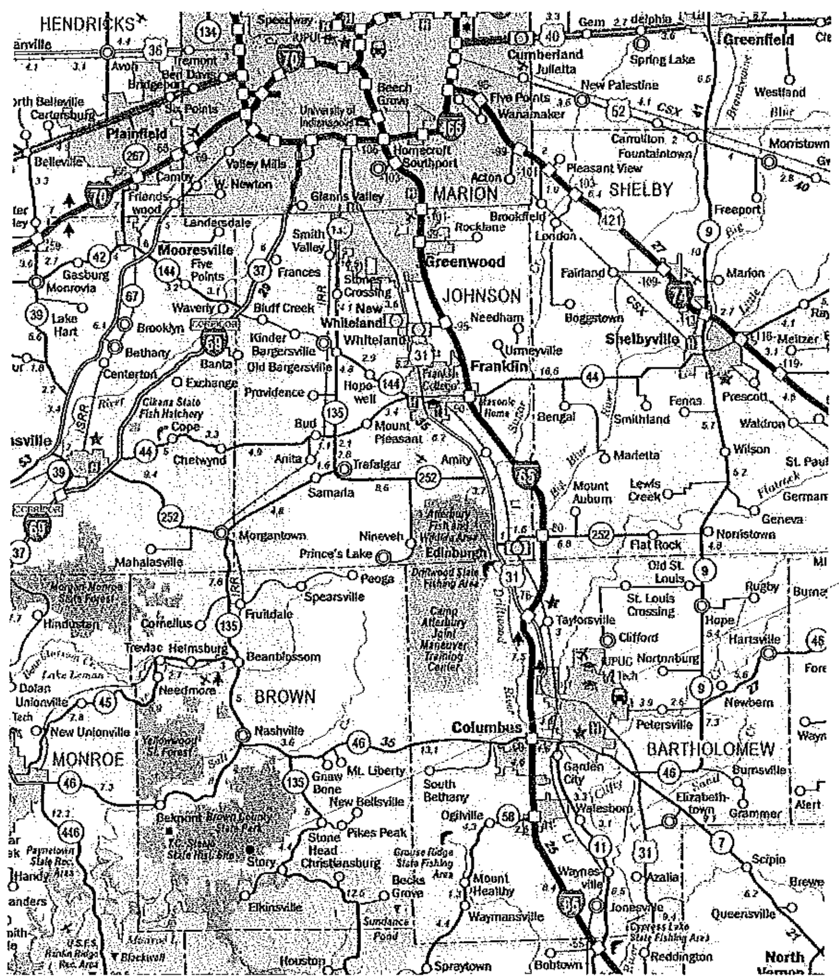
STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
BROWN CO. STATE PARK
NEW CAMPGROUND ELECTRIC @ BUFFALO RIDGE SITES 31-58, 75,77,79-94 & 500-509
AND @ TAYLOR RIDGE SITES 307-311, 368-379 & 409-418

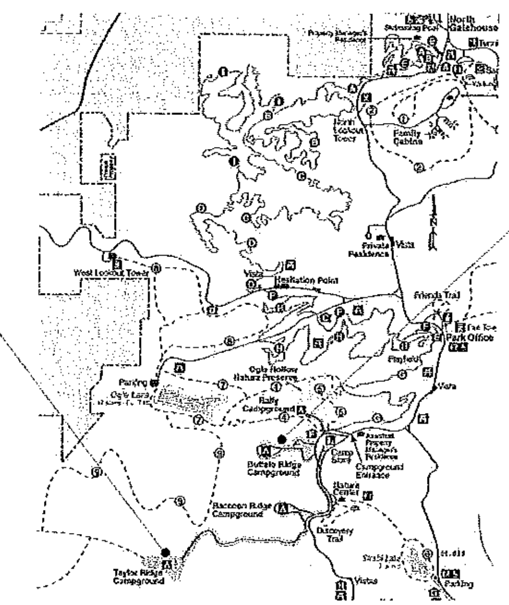
NASHVILLE, INDIANA
BROWN COUNTY

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



PROJECT LOCATION
BROWN CO. STATE PARK

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



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

VICINITY MAP

PROJECT LOCATION MAP

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REFERENCE DWG. - S:ACTIVE PROJECTS / STATE PARKS / 35-CHAIN O' LAKES / 35-91 NEW 50AMP ELECT. CAMPGRD. PEDESTAL - 8-29-14 / DESIGN / A-DRAWINGS / CAMPGROUND ELECTRICAL REWIRE - DATE 10-3-14

RONALD G. PETERSON REGISTERED No. PE60012045 STATE OF INDIANA PROFESSIONAL ENGINEER
6-20-16
Certified by:

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

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
ROOM W299, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
TEL 317-232-4150, FAX 317-233-1205

Revisions:	
Project Number: Project#	
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DNR Approval:	
Client Approval:	
File Number: 016-239	
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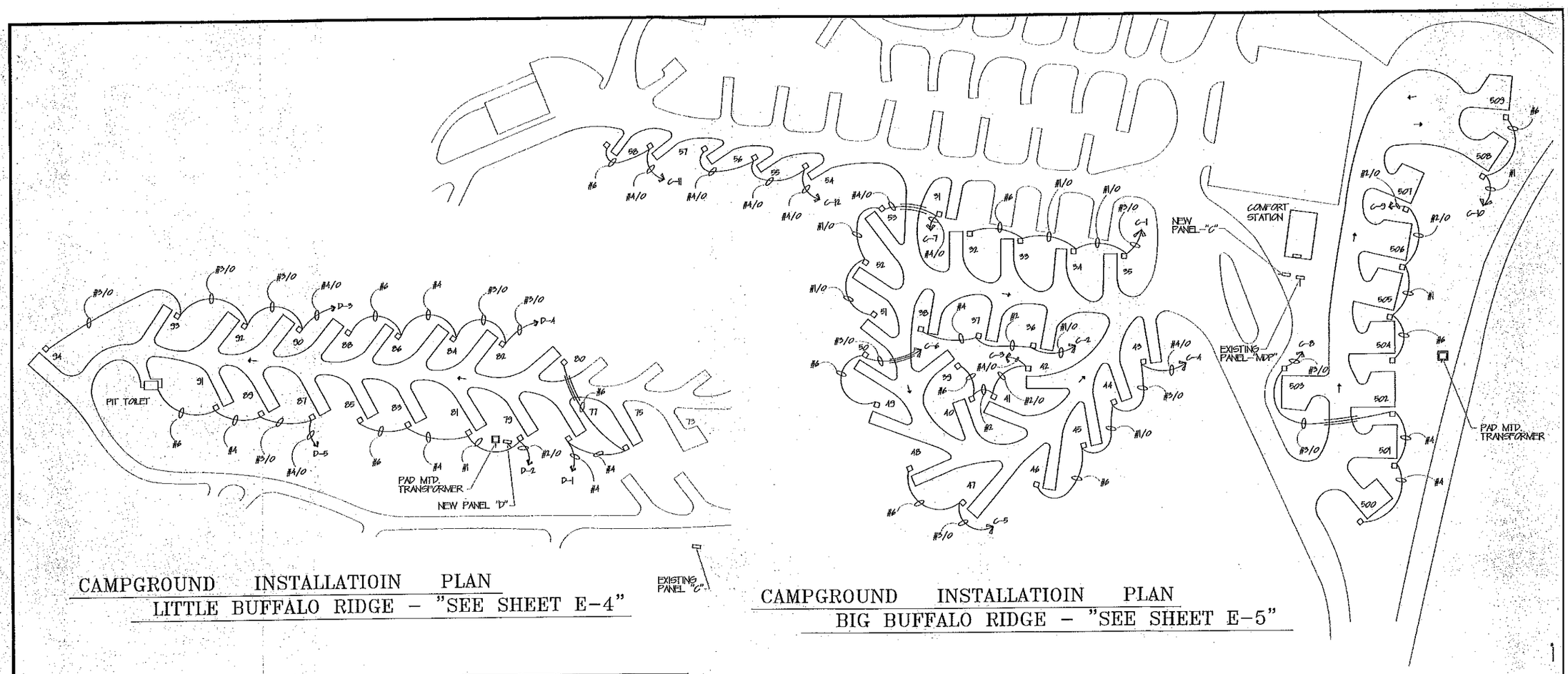
Sheet: # of ##	



CAMPGROUND INSTALLATIOIN PLAN
LITTLE BUFFALO RIDGE - "SEE SHEET E-4"

CAMPGROUND INSTALLATIOIN PLAN
BIG BUFFALO RIDGE - "SEE SHEET E-5"

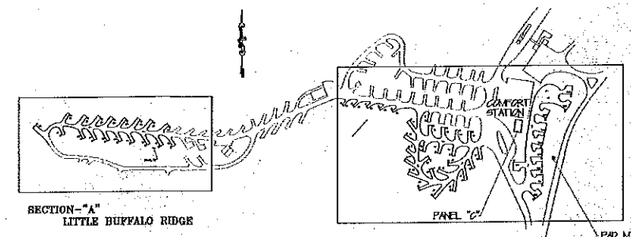
✳ CONTRACTOR SHALL RUN ALL WIRING UNDER ROADWAYS THROUGH SCHEDULE 80 PVC PROTECTIVE CONDUIT.

GRAPHIC SCALE

GRAPHIC SCALE

"HOLEY MOLEY" SAYS CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG. IT'S THE LAW

1-800-382-5544
CALL TOLL FREE



SECTION-"A" LITTLE BUFFALO RIDGE

SECTION-"B" BIG BUFFALO RIDGE

CAMPGROUND SITE KEY

NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND INDUSTRY STANDARDS.
2. THE NATIONAL ELECTRIC CODE (NEC) AND NATIONAL ELECTRICAL CONTRACTOR ASSOCIATION (NECA) STANDARDS SHALL BE CONSIDERED MINIMUM INSTALLATION STANDARDS.
3. THIS SITE PLAN DOES NOT SHOW CHANGES IN ELEVATION NO CHANGE IN ELEVATION WILL BE ALLOWED FOR CHANGES IN ELEVATION OR INACCURACY OF THE SCALE OF THIS SITE PLAN. CONTRACTOR SHALL VISIT THE SITE AND MAKE NECESSARY MEASUREMENTS TO DETERMINE THE QUANTITY OF TRENCHING AND WIRE REQUIRED.
4. THIS SITE PLAN SHALL BE USED TO DETERMINE THE QUANTITY AND ORDER IN WHICH EACH ELECTRICAL PEDESTAL IS TO BE CONNECTED INTO EACH CIRCUIT, THE SIZE AND NUMBER OF WIRES BETWEEN PEDESTALS, THE SIZE, LOCATION, AND NUMBER OF DISTRIBUTION PANELS, AND A GENERAL ROUTE FOR TRENCHING AND WIRE TO FOLLOW.
5. THE MINIMUM CLEARANCE BETWEEN THE BASE OF ANY TREE AND A TRENCH SHALL BE TEN (10) FEET. IF TWO TREES ARE LESS THAN TWENTY (20) FEET APART, THE CLEARANCE MAY BE REDUCED TO ONE-HALF THE DISTANCE BETWEEN THE TWO TREES. CONTACT THE OWNER REPRESENTATIVE FOR APPROVAL OF TRENCH LOCATION WHERE CLEARANCE IS LESS THAN FIVE (5) FEET FROM THE BASE OF THE TREE.
6. CONTRACTOR SHALL STAKE THE LOCATION OF EACH PEDESTAL USING DETAILS ON SHEET E-4. SOME CAMPSITES/RECREATION VEHICLE SITES HAVE IRREGULAR SHAPES. THE LOCATION OF POWER OUTLET PEDESTALS SHALL BE APPROVED BY THE OWNER REPRESENTATIVE PRIOR TO INSTALLATION.
7. ALL TRENCHES SHALL BE BACKFILLED AS SOON AS POSSIBLE AFTER THE INSTALLATION OF THE CONDUCTORS. IF ANY TRENCH IS LEFT OPEN AND UNATTENDED, IT SHALL BE COVERED BY MIN. 3/4" THICK BY MIN TWO FEET WIDE PLYWOOD SECURED TO PREVENT ANY PERSON(S) OR ANIMAL FROM FALLING INTO THE EXCAVATION.
8. AT ALL PAVED AND/OR CHIP & SEAL CAMPSITE, ROADWAY, AND WALKWAY CROSSINGS CONTRACTOR SHALL PUSH IRON ONE SIDE TO THE OTHER USE A CONTINUOUS 3-1/2"DIA GALVANIZED RIGID STEEL OR HW PVC SCHEDULE 80 CONDUIT LOCATED MIN 24" BELOW EXISTING GRADE. CONDUIT SHALL EXTEND MIN FIVE (5) FEET BEYOND EACH SIDE OF THE PAVED FEATURE.
9. ALL DISTURBED GROUND BY EITHER EXCAVATION OR INSTALLATION SHALL BE COMPACTED, LEVELED AND SEEDED. ANY SETTLEMENT OF GROUND SHALL BE LEVELED AND RE-SEEDED. CONTRACTOR SHALL PROVIDE FROM AT THE PROPERTY ADDITIONAL TOP SOIL IF REQUIRED TO LEVEL ANY SETTLEMENT.
10. ALL ROCK LARGER THAN 4" IN DIAMETER OR NOT SUITABLE FOR BACKFILL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY BY THE CONTRACTOR.
11. CONTRACTOR SHALL FURNISH TWO (2) SPARE PEDESTALS FOR THE PROPERTY.
12. CONTRACTOR SHALL RUN NEW CONDUCTORS TO THE COMFORT STATIONS PER THE PANEL SCHEDULES SHOWN ON SHEET E-4. IF EXISTING CONDUIT TO MAIN DISCONNECT SWITCH IS INADEQUATE SIZE FOR NEW CONDUIT MAY BE REUSED. IF INADEQUATE INSTALL NEW CONDUIT AND PULL NEW CONDUCTORS PER SCHEDULE.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO WATER LINES, SEWERS, DRAIN PIPE, COMMUNICATION LINES, ELECTRICAL LINES, STRUCTURES, OTHER UTILITIES, OR OTHER PROPERTY AS A RESULT OF CONTRACTOR'S ACTIVITY. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT AT CONTRACTOR EXPENSE. REPAIR AND/OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
14. WHERE PLOWING OR TRENCHING IS USED BY THE CONTRACTOR, PATH SHALL GO OUT AROUND THE FAD AREA, NOT CUT ACROSS THE FAD, AS DEFINED BY THE OWNER REPRESENTATIVE.
15. CONTRACTOR SHALL PROVIDE AND INSTALL UNDERGROUND CONDUIT FOR USE BY THE UTILITY TO INSTALL PRIMARY CONDUCTORS TO NEW TRANSFORMERS.

GENERAL NOTES:

1. ALL CAMPSITE PADS AND ROADS ARE EXISTING GRAVEL UNLESS OTHERWISE NOTED.
2. LOT LINES ARE FOR REFERENCE ONLY AND DO NOT DEPICT ACTUAL LOT CORNERS.
3. ACCESSIBLE SITES ARE EXISTING ASPHALT BASE.
4. EXISTING ROUTES OF UNDERGROUND ELECTRIC RUNS ARE SHOWN AS APPROXIMATE ONLY AND MAY VARY IN DETAIL IN ORDER TO CLEAR TREES, PHYSICAL OBSTRUCTIONS ETC. . .
5. ALL EXISTING LOCATIONS, SIZES AND INVERTS OF EXISTING UTILITIES ARE SHOWN BASED ON BEST INFORMATION POSSIBLE. HOWEVER, THE ENGINEER DOES NOT GUARANTEE OR ASSURE THAT SUCH INFORMATION IS TRUE OR EVEN APPROXIMATE. THIS CONTRACTOR SHALL DETERMINE WHICH UTILITIES MAY CONFLICT WITH HIS WORK AND VERIFY THEIR LOCATIONS, SIZES AND INVERTS, ETC., ADJUST HIS WORK ACCORDINGLY, AND BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE. CONTRACTOR SHALL REFER TO APPLICABLE SECTIONS OF THE SPECIFICATIONS RELATIVE TO THE ABOVE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PERMIT ISSUING AGENCIES WITHIN THE TIME FRAME SPECIFIED BY THAT AGENCY PRIOR TO CONSTRUCTION.
7. REMOVE ALL EXISTING METAL PEDESTALS FROM CAMPGROUND SITE. REMOVE WIRE AND CONDUIT TO MINIMUM DEPTH OF 24" BELOW EXISTING GRADE. MATERIAL SHALL BE DELIVERED TO RECYCLER BY CONTRACTOR.
8. PROVIDE AND INSTALL NEW ELECTRICAL GEAR AND TRANSFORMER. THE UTILITY PROVIDER IS AMERICAN ELECTRIC POWER 1.800.311.4634. THE NEW TRANSFORMER WILL BE OWNED AND MAINTAINED BY STATE OF INDIANA.

LEGEND

- EXIST. ELECT. PEDESTALS TO BE REMOVED
- GATE VALVE & VALVE BOX
- W — WATER
- TRAFFIC DIRECTIONAL FLOW ARROW
- S — SANITARY SEWER LINE
- UGE — UNDERGROUND ELECTRICAL LINE
- T TRANSFORMER
- DFP. EXIST. DRINKING FOUNTAIN
- V.T. VAULT TOILET
- P.E. PRIMARY ELECTRIC

REF. DWG. - S: ACTIVE PROJECTS/STATE PARKS/45-POTATO CREEK/045-059 NEW 50AMP ELECTRIC PEDESTAL
REF. DWG. - Y: ENGR / DNR-SCANS, DWGS & SPECS / STATE PARKS / 16 - BROWN CO. S.P. / NEW FILES / 16-236 RENOVATION & ADDITION TO COMFORT #1 ROSK GROUP - DATE 4-30-2009

RONALD G. PETERSON
REGISTERED
No. PE60012045
STATE OF INDIANA
PROFESSIONAL ENGINEER
Certified by: 7-7-16

ELECTRICAL CAMPGRD. SITE INSTALLATION OF LITTLE & BIG BUFFALO RIDGE

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

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
402 WEST WASHINGTON STREET
ROOM W256 INDIANA GOVERNMENT CENTER SOUTH
INDIANAPOLIS, INDIANA 46204
TEL: 317-232-4146, FAX 317-233-1205

Revisions:

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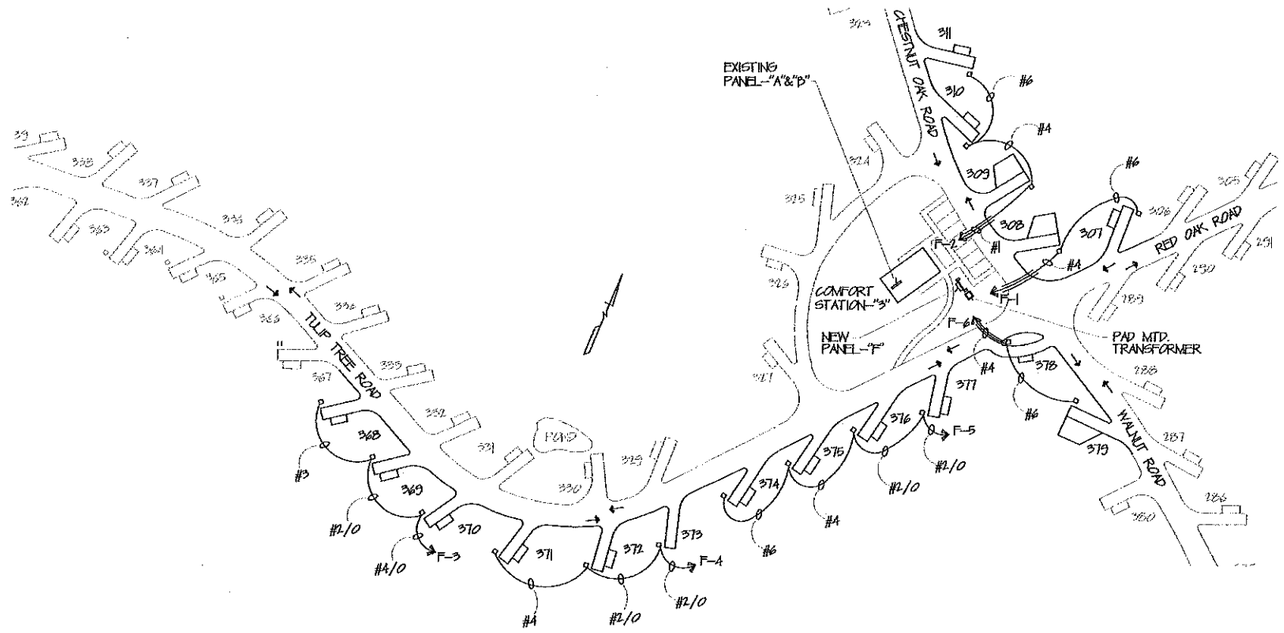
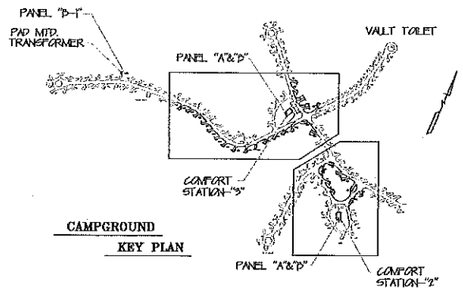


CAMPGROUND @ COMFORT STATION #3

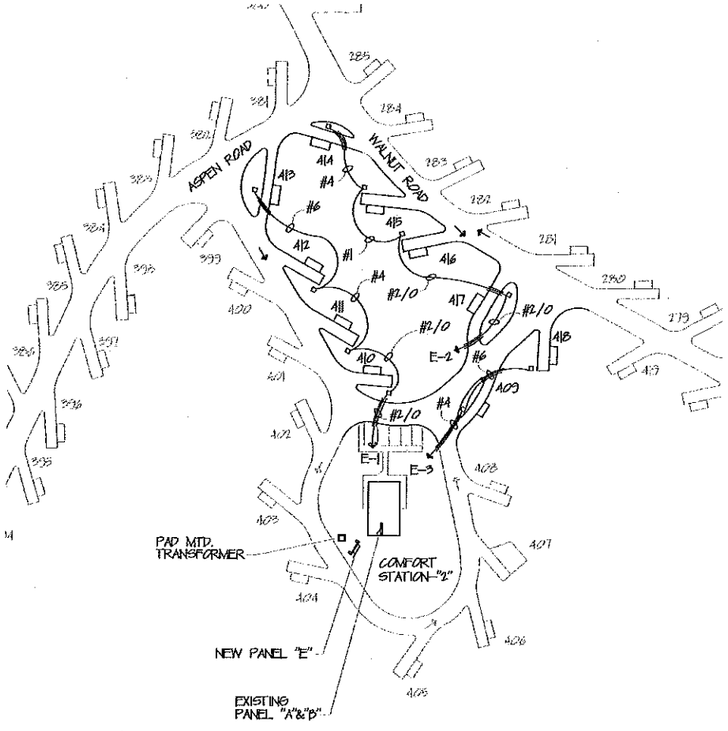
INSTALLATION PLAN – "SEE SHEET E-7"

GRAPHIC SCALE

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



CAMPGROUND KEY PLAN



CAMPGROUND @ COMFORT STA. #2

INSTALLATION PLAN – "SEE SHEET E-6"

"HOLEY MOLEY" SAYS CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG. IT'S THE LAW

1-800-382-5544
CALL TOLL FREE

NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND INDUSTRY STANDARDS.
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3. THIS SITE PLAN DOES NOT SHOW CHANGES IN ELEVATION. NO CHANGE IN BID PRICE WILL BE ALLOWED FOR CHANGES IN ELEVATION OR INACCURACY OF THE SCALE OF THIS SITE PLAN. CONTRACTOR SHALL VISIT THE SITE AND MAKE NECESSARY MEASUREMENTS TO DETERMINE THE QUANTITY OF TRENCHING AND WIRE REQUIRED.
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LEGEND

X	EXIST. ELECT. PEDESTALS TO BE REMOVED
—⊗—	GATE VALVE & VALVE BOX
—W—	WATER
—S—	SANITARY SEWER LINE
—UE—	UNDERGROUND ELECTRICAL LINE
T	TRANSFORMER
Opp.	EXIST. PARKING MOUNTAIN
VT.	VAULT TOILET
P.E.	PRIMARY ELECTRIC

REF. DWG. - S: ACTIVE PROJECTS/STATE PARKS/45-POTATO CREEK/045-059 NEW 50AMP ELECTRIC PEDESTAL

RONALD G PETERSON — REGISTERED — No. PE60012045 — STATE OF INDIANA — PROFESSIONAL ENGINEER
Certified by: [signature] 6-7-16

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

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
ROOM W295, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
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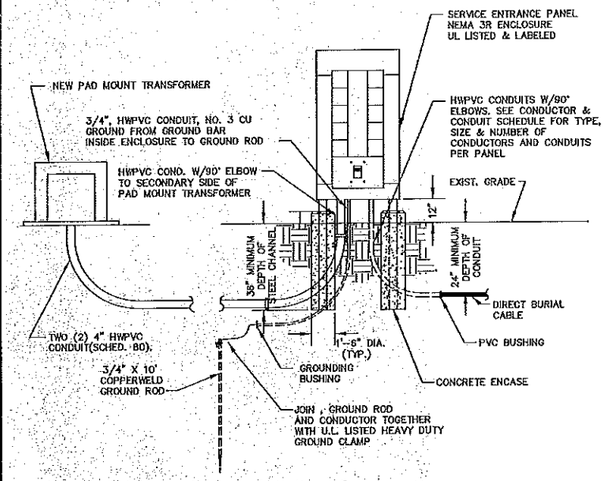
Jul 15, 2016 - 11:05am - S:\ACTIVE PROJECTS\STATE PARKS\045-BROWN COUNTY\016-239 Campground Electrical Rewire @ Existing Sites - Dec 3-25-15\016-239 Site Taylor Ridge Campground.dwg



TRANSFORMER & DISTRIBUTION PANEL DETAILS

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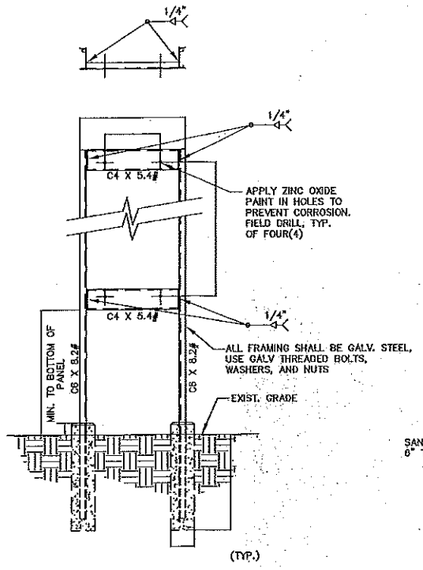
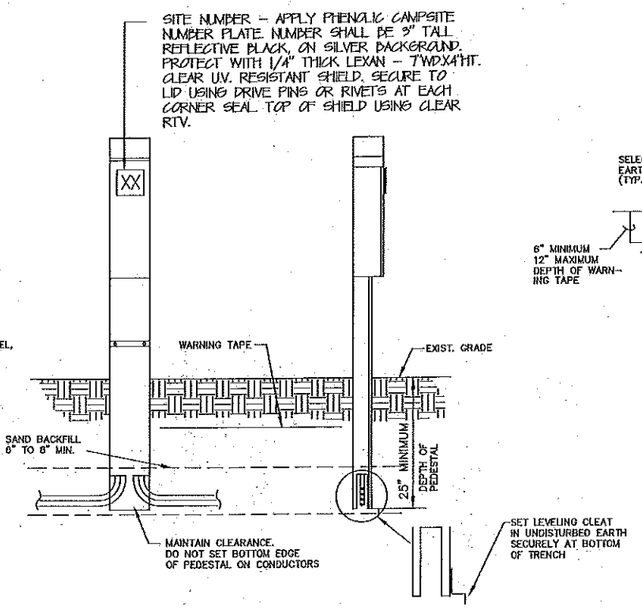


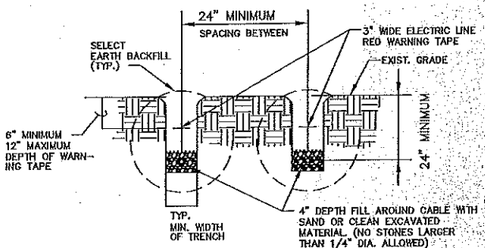
PANEL MOUNTING DETAIL

SCALE: NONE



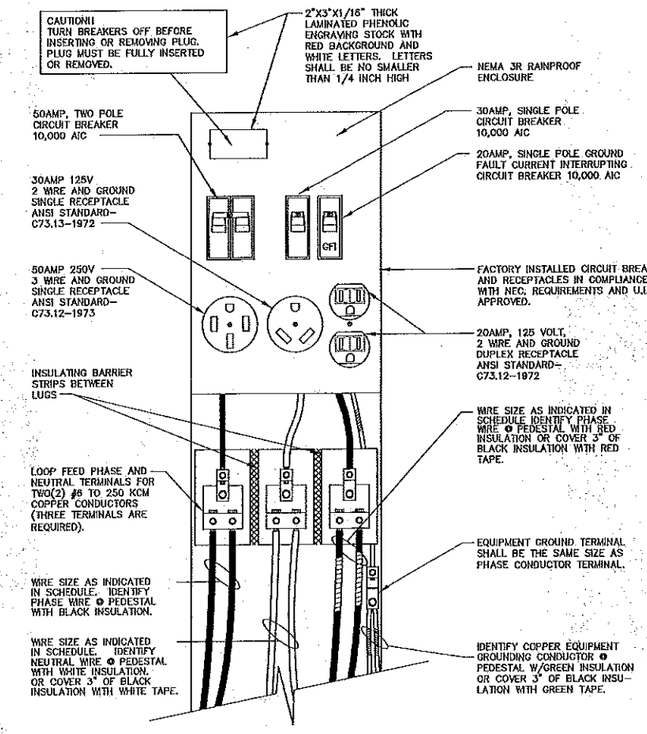
PEDESTAL RISER DETAIL

SCALE: NONE



CONDUCTOR TRENCH DETAIL

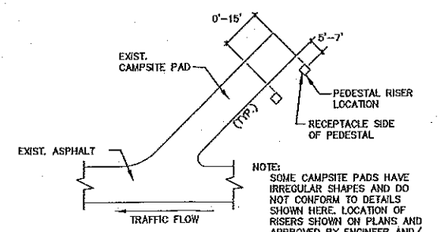
SCALE: NONE



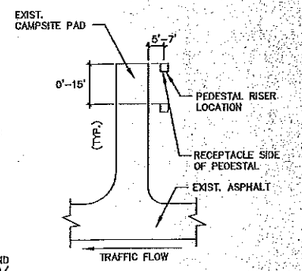
TYPE 2 PEDESTAL RISER WIRING DETAILS

SCALE: NONE

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

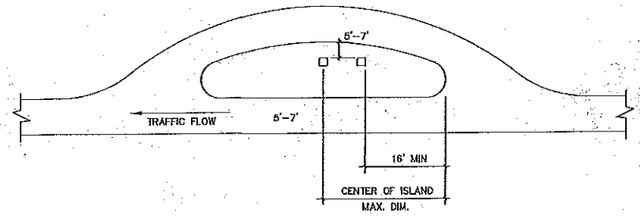


(PER NEC 551-77)



ELECTRIC PEDESTAL RISER LOCATION DETAILS

SCALE: NONE



ELECTRIC PEDESTAL RISER LOCATION DETAILS

SCALE: NONE

REF. DWG. S:\MECH\DISK1\01STATE PARKS\POTATO CREEK\55-55
REF. DWG. S:\ACTIVE PROJECTS\STATE PARKS\53-CHAIN O' LAKES\55-91 NEW 50AMP ELECT. CAMPGRD. PEDESTALS 8-29-14

RONALD G. RICKSON
REGISTERED
No. (PE60012045)
STATE OF INDIANA
PROFESSIONAL ENGINEER
5-27-16
Certified by:

ELECTRICAL SITE DETAILS

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

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
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Project Number: #E030079
Requisition Number: Requisition#
Designer: RGP | Drawing Date: 5/27/16
Drafter: MAC | Drawing Scale: AS NOTED
DNR Approval:
Client Approval:
File Number: 016-239
Drawing Number: E-3
Sheet: 4 of 5

Mon 05 2016 - 12:06pm S:\ACTIVE PROJECTS\STATE PARKS\BROWN CO\2016\016-239 Campground Electrical Revised @ Existing Sites - Civil E-3 Electrical Site Details.dwg

PANELBOARD–"D" SCHEDULE

PANEL # NEW DISTRIBUTION PANEL –"D"

LOCATION: TRANSFORMER @ LITTLE BUFFALO NEMA 3R RAINPROOF

PANEL RATING 120/240V 800AMP @ 240V, 42KA SCA

MAIN: ☐ M.L.O. ☒ M.C.B. ☐ FUSED
100A C/B TRIP: 800A
SUB-FEED: N/A FRAME: N/A
SUB-FEED: N/A TRIP: N/A

☐ MLO ☒ FULLY RATED ☐ NON-FUSED ☐ SOLID NEUTRAL
☐ SUB-FEED ☐ TOP FED ☐ SERIAL RATED ☐ FEED-IN BREAKERS
☐ SUB-FEED ☐ BOTTOM FED

☐ SINGLE LUGS ☒ COPPER BUS ☐ ALUMINUM BUS
☐ FLUSH MTD. ☒ SURFACE MTD.
☒ SOLID NEUTRAL ☒ GROUND BAR

DESCRIPTION	CIR.	POLE/AMPS	LOAD (KW)	#	LOAD (KW)	POLE/AMPS	CIR.	DESCRIPTION
D–1	1, 3, 5,	2P–125A	28.8	BLACK	38.4	2P–175A	2, 4, 6,	D–2
				RED				
D–3	7, 9, 11,	2P–175A	38.4	BLACK	38.4	2P–175A	8, 10, 12,	D–4
				RED				
D–5	13, 15, 17,	2P–125A	30.0	BLACK			14, 16, 18,	
				RED				
	19, 21, 23,						20, 22, 24,	
	25, 27, 29,						26, 28, 30,	
TOTAL LOAD:			97.2	+	76.8	= 174.0		

LOAD BALANCE CHECK: BLACK = 97.2 KW
RED = 76.8 KW

ALLOWABLE CONDUCTOR TYPES:

1. (3)– 1/C, TYPE USE WIRE, (#AWG): UL LISTED, ANNEALED CU, WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (600V): DIRECT BURIAL.
(1)– 1/C, GROUND WIRE: BARE OR INSULATED (GREEN) CU, SOFT DRAWN, STANDARD PER ASTM CLASS "B" OR "C", DIRECT BURIAL.

GENERAL NOTES

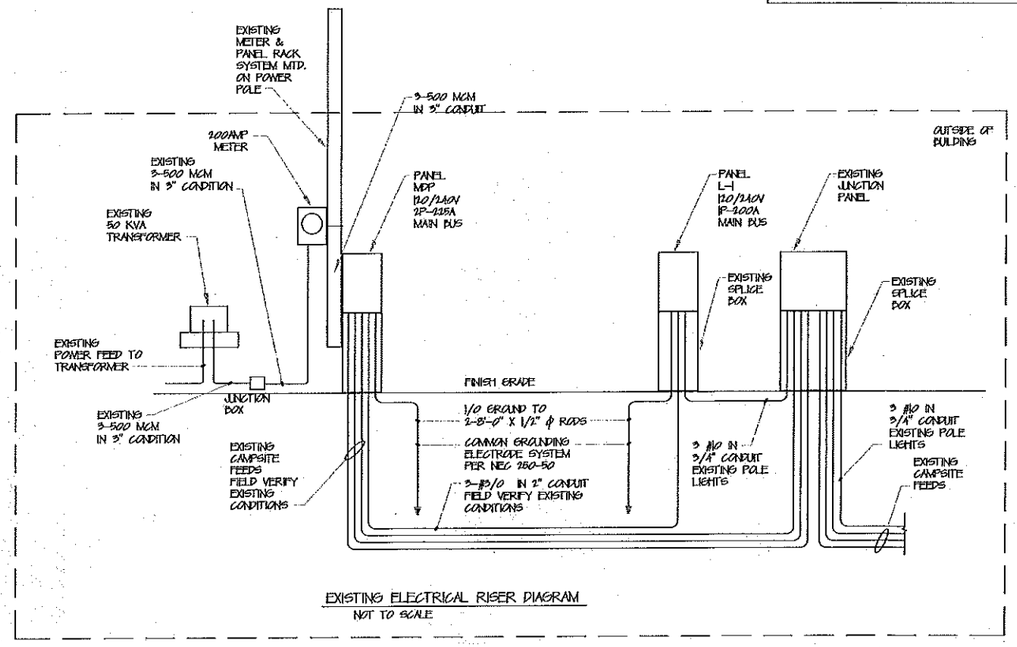
1. CONTRACTOR SHALL INSTALL TYPE 2 50AMP 240VOLT PEDESTAL (COPPER INTERIOR) WITH GFCI CIRCUIT BREAKER

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 LOADING AT EACH PEDESTAL

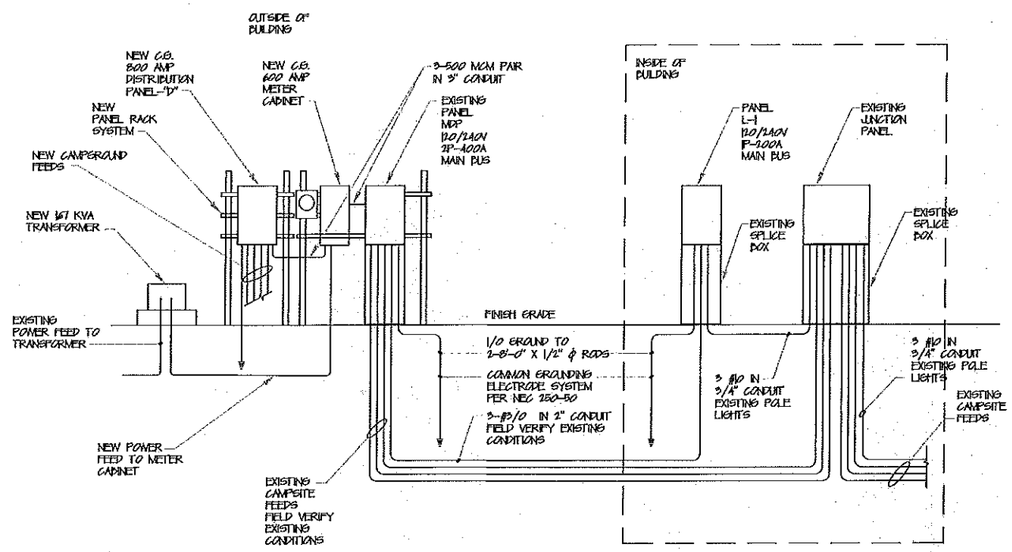
CONDUCTOR SCHEDULE

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
D–1	#4 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "D–1"	SITE 77	120/240V 85AMP
	#4 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 75	SITE 77	120/240V 85AMP
	#6 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 75	SITE 80	120/240V 65AMP
D–2	#2/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "D–2"	SITE 79	120/240V 175AMP
	#1 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 79	SITE 81	120/240V 130AMP
	#4 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 81	SITE 83	120/240V 85AMP
	#8 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 83	SITE 85	120/240V 65AMP
D–3	#4/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "D–3"	SITE 90	120/240V 230AMP
	#3/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 90	SITE 92	120/240V 200AMP
	#3/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 92	SITE 93	120/240V 200AMP
	#3/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 93	SITE 94	120/240V 200AMP
D–4	#3/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "D–4"	SITE 82	120/240V 200AMP
	#3/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 82	SITE 84	120/240V 200AMP
	#4 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 84	SITE 86	120/240V 85AMP
	#6 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 86	SITE 88	120/240V 65AMP
D–5	#4/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "D–5"	SITE 87	120/240V 230AMP
	#3/0 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 87	SITE 89	120/240V 200AMP
	#4 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 89	SITE 91	120/240V 85AMP
	#8 CU./PH. & N #8 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 91	PIT TOILET	120/240V 65AMP

"SEE SHEET E–1"
LITTLE BUFFALO RIDGE



EXISTING ELECTRICAL RISER DIAGRAM
NOT TO SCALE



NEW ELECTRICAL RISER DIAGRAM
NOT TO SCALE

REF. DWG. S:\MECHDESK\PROJ\STATE PARKS\POTATO CREEK\15-55
REF. DWG. S:\ACTIVE-PROJECTS\STATE PARKS\15-CHAIN O' LAKES\15-91 NEW 50AMP ELECT. CAMPSITE PEDESTALS 8-29-14

RONALD G. PETERSON REGISTERED No. PE80012045 STATE OF INDIANA PROFESSIONAL ENGINEER
6-20-16
Certified by:

LITTLE BUFFALO RIDGE
ELECTRICAL PANEL
PANELBD. SCHEDULE

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

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
ROOM W256, INDIANA GOVERNMENT CENTER SOUTH
402 W. WASHINGTON STREET
INDIANAPOLIS, IN 46204
TEL 317-232-4150, FAX 317-233-1205

Revisions:

Project Number:
Requisition Number: Requisition#
Designer: RGP | Drawing Date: 6/20/16
Drafter: MAC | Drawing Scale: AS NOTED
DNR Approval:
Client Approval:
File Number: 016-239
Drawing Number: E-4
Sheet: of

An 08, 2016 - 3:28pm S:\ACTIVE-PROJECTS\STATE PARKS\BROWN COUNTY\16-253 Campground Electrical Review @ Existing Sites - Little Buffalo.dwg

PANELBOARD–"C" SCHEDULE

PANEL # NEW DISTRIBUTION PANEL –"C"

LOCATION: TRANSFORMER @ BIG BUFFALO NEMA 3R RAINPROOF

PANEL RATING: 120/240V 1 PHASE, 3 WIRE, 60Hz; MAIN C/B TRIPS: 200A; SUB-FEED C/B TRIPS: N/A; MLO; FULLY RATED; BOLT-ON BRKRS; BOTTOM FEED; MCB; TOP FED; FULLY RATED; PLUG-IN BREAKERS; SINGLE LUGS; COPPER BUS; PLATED BUS; SOLID NEUTRAL; DOUBLE LUGS; ALUMINUM BUS; SURFACE MTD; GROUND BAR

DESCRIPTION	CIR.	POLE/AMPS	LOAD (KW)	#	LOAD (KW)	POLE/AMPS	CIR.	DESCRIPTION
C–1	1, 3, 5	2P–175A	38.4	BLACK	28.8	2P–125A	2, 4, 6	C–2
				RED				
C–3	7, 9, 11	2P–175A	38.4	BLACK	38.4	2P–175A	8, 10, 12	C–4
				RED				
C–5	13, 15, 17	2P–80A	19.2	BLACK	19.2	2P–80A	14, 16, 18	C–6
				RED				
C–7	19, 21, 23	2P–175A	38.4		38.4	2P–175A	20, 22, 24	C–8
C–9	25, 27, 29	2P–175A	38.4		19.2	2P–80A	26, 28, 30	C–10
C–11	31, 33, 35	2P–80A	19.2		28.8	2P–125A	32, 34, 36	C–12
TOTAL LOAD:			192.0	+	172.8	= 364.8		

LOAD BALANCE CHECK: BLACK = 192.0 KW
RED = 172.8 KW

ALLOWABLE CONDUCTOR TYPES:

1. (3)– 1/C, TYPE USE WIRE, (#6AWG): UL LISTED, ANNEALED CU, WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (600V): DIRECT BURIAL.
   (1)– 1/C, 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 GFCI CIRCUIT BREAKER.

2. THE LOAD ON ALL BRANCH CIRCUITS TO THE 110 VOLT RECEPTACLES SHALL BE BALANCED EQUALLY BETWEEN THE TWO PHASE CONDUCTORS BY THE METHOD OF ALTERNATING THE PHASE WIRE LOADING AT EACH PEDESTAL.

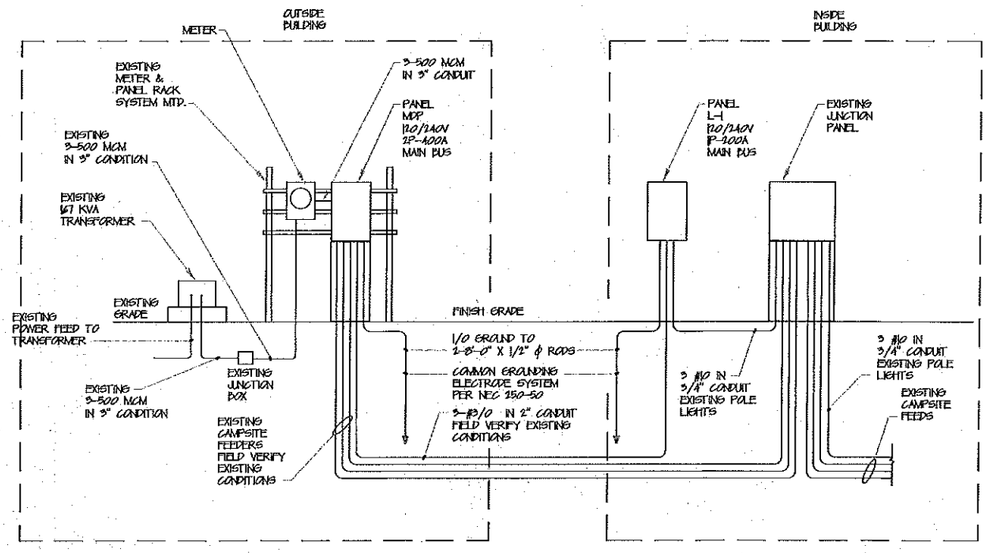
CONDUCTOR SCHEDULE

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
C–1	#3/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–1"	SITE 35	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 35	SITE 34	120/240V 150AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 34	SITE 33	120/240V 150AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 33	SITE 32	120/240V 65AMP
C–2	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–2"	SITE 36	120/240V 150AMP
	#2 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 36	SITE 37	120/240V 115AMP
	#4 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 37	SITE 38	120/240V 85AMP
C–3	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–3"	SITE 42	120/240V 230AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 42	SITE 41	120/240V 175AMP
	#2 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 41	SITE 40	120/240V 115AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 40	SITE 39	120/240V 65AMP
C–4	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–4"	SITE 43	120/240V 230AMP
	#3/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 43	SITE 44	120/240V 200AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 44	SITE 45	120/240V 150AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 45	SITE 46	120/240V 65AMP
C–5	#3/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–5"	SITE 47	120/240V 200AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 47	SITE 48	120/240V 65AMP
C–6	#3/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–6"	SITE 50	120/240V 200AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 50	SITE 49	120/240V 65AMP

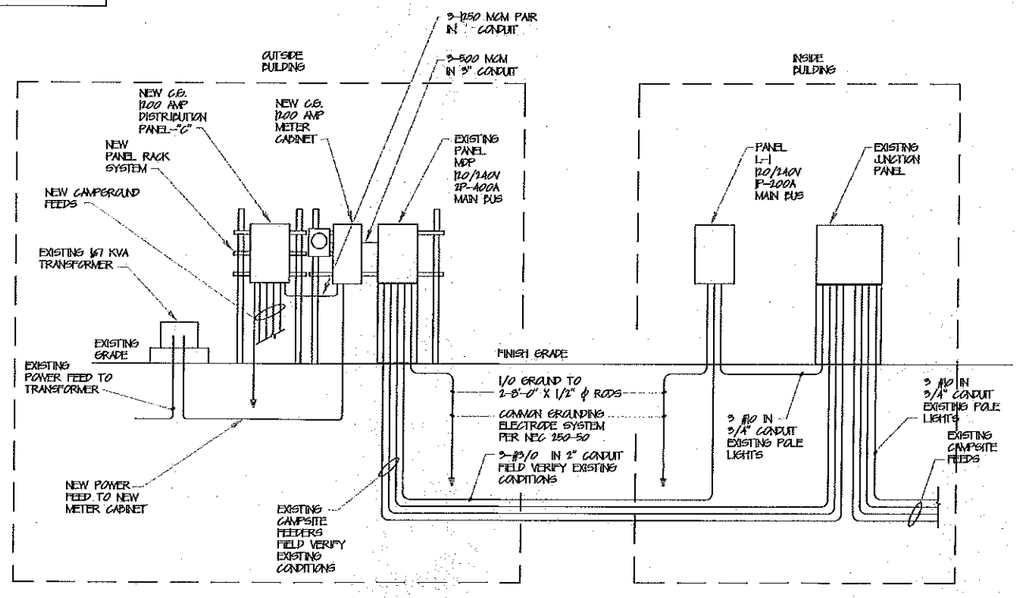
CONDUCTOR SCHEDULE

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
C–7	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–7"	SITE 31	120/240V 230AMP
	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 31	SITE 53	120/240V 230AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 52	SITE 53	120/240V 150AMP
	#1/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 51	SITE 52	120/240V 150AMP
C–8	#3/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–8"	SITE 503	120/240V 200AMP
	#3/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 503	SITE 502	120/240V 200AMP
	#4 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 502	SITE 501	120/240V 200AMP
	#4 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 501	SITE 500	120/240V 200AMP
C–9	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–9"	SITE 507	120/240V 175AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 507	SITE 506	120/240V 175AMP
	#1 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 506	SITE 505	120/240V 130AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 505	SITE 504	120/240V 65AMP
C–10	#1 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–10"	SITE 508	120/240V 175AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 508	SITE 509	120/240V 65AMP
C–11	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–11"	SITE 57	120/240V 230AMP
	#6 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 57	SITE 58	120/240V 65AMP
C–12	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "C–12"	SITE 54	120/240V 230AMP
	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 54	SITE 55	120/240V 230AMP
	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 55	SITE 56	120/240V 230AMP

"SEE SHEET E–1"
BIG BUFFALO RIDGE



EXISTING ELECTRICAL RISER DIAGRAM
NOT TO SCALE



NEW PROPOSED ELECTRICAL RISER DIAGRAM
NOT TO SCALE

REF. DWG. S:\MECH\DSK2\PROJ\STATE PARKS\POTATO CREEK\45-55
REF. DWG. S:\ACTIVE-PROJECTS\STATE PARKS\53-CHAIN O' LAKES\95-91 NEW 50AMP ELECT. CAMPGRD. PEDESTALS 8-29-14

Jun 20, 2016 - 1:43pm S:\ACTIVE-PROJECTS\STATE PARKS\53-BROWN COUNTY\016-239 Development Planning\Planning Sheets\Existing Sites - Dist 5 (2).dwg Ruth Ann Chapman

RONALD G PETERSEN REGISTERED No. PE80012045 STATE OF INDIANA PROFESSIONAL ENGINEER
6-20-16
Certified by:

BIG BUFFALO RIDGE
ELECTRICAL PANEL
PANELBD. SCHEDULE

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

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
ROOM W256, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, IN 46204-2739
TEL 317-232-4150, FAX 317-233-1205

Revisions:

Project Number:

Requisition Number: Requisition#

Designed: RGP | Drawing Date: 6/20/16

Drafter: MAC | Drawing Scale: AS NOTED

DNR Approval:

Client Approval:

File Number: 016-239

Drawing Number: E-5

Sheet: 5 of 5

PANELBOARD–"E" SCHEDULE

PANEL #
NEW DISTRIBUTION PANEL –"E"

LOCATION:
TRANSFORMER "COMFORT STA.#2"
NEMA 3R RAINPROOF

PANEL RATING
120/240V
600AMP @ 240V, 43KA SCA

MAIN O/B FRAME 800A
MAIN O/C TRIPS 600A
SUB-FEED O/B FRAME N/A
SUB-FEED O/C TRIPS N/A

☐ MLO
☒ FULLY RATED
☒ BOLT-ON BUSES
☒ BOTTOM FEED

☒ MCB
☐ TOP FED
☐ SERIAL RATED
☐ PLUG-ON BREAKERS

☐ SINGLE LUGS
☒ COPPER BUS
☐ FUSION MTG.
☒ SOLID NEUTRAL

☐ DOUBLE LUGS
☐ ALUMINUM BUS
☒ SURFACE MTG.
☒ GROUND BUS

DESCRIPTION	CKT.	POLE/AMPS	LOAD (KW)	#	LOAD (KW)	POLE/AMPS	CKT.	DESCRIPTION
E–1	1, 3, 5	2P–175A	38.4	BLACK	38.4	2P–175A	2, 4, 6	E–2
				RED				
E–3	7, 9, 11	2P–80A	19.2	BLACK			8, 10, 12	
				RED				
	13, 15, 17			BLACK			14, 16, 18	
				RED				
	1, 3, 5							
TOTAL LOAD:			57.6	+	38.4	= 96.0		

LOAD BALANCE CHECK: BLACK = 57.6 KW
RED = 38.4 KW

CONDUCTOR SCHEDULE

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
E–1	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "E–1"	SITE 410	120/240V 175AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 410	SITE 411	120/240V 175AMP
	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 411	SITE 412	120/240V 85AMP
	#6 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 412	SITE 413	120/240V 65AMP
E–2	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "E–3"	SITE 417	120/240V 175AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 417	SITE 416	120/240V 175AMP
	#1 CU./PH. & N #6 CU. GROUNDING	1–1/2" MIN. DIA.	DIRECT BURIAL	SITE 416	SITE 415	120/240V 130AMP
	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 415	SITE 414	120/240V 85AMP
E–3	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "E–8"	SITE 409	120/240V 85AMP
	#6 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 409	SITE 418	120/240V 85AMP

ALLOWABLE CONDUCTOR TYPES:

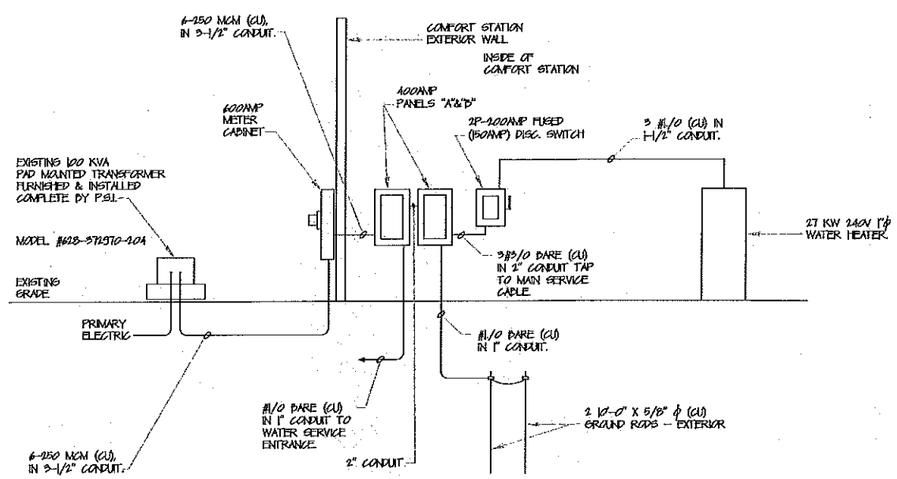
1. (3)– 1/C, TYPE USE WIRE, (#6AWG): UL LISTED, ANNEALED CU, WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (600V): DIRECT BURIAL.
(1)– 1/C, GROUND WIRE: BARE OR INSULATED (GREEN) CU, SOFT DRAWN, STANDARD PER ASTM CLASS "B" OR "C", DIRECT BURIAL.

GENERAL NOTES

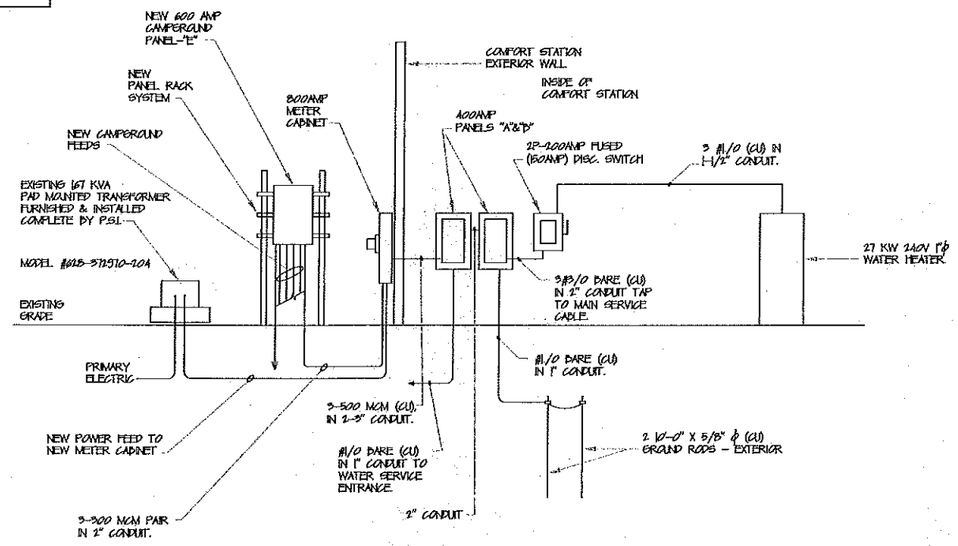
1. CONTRACTOR SHALL INSTALL TYPE 2 50AMP 240VOLT PEDESTAL (COPPER INTERIOR) WITH GFCI CIRCUIT BREAKER

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 LOADING AT EACH PEDESTAL

"SEE SHEET E–2"
TAYLOR RIDGE
COMFORT STA. #2



EXISTING ELECTRICAL RISER DIAGRAM @
COMFORT STATION #2
NOT TO SCALE



NEW ELECTRICAL RISER DIAGRAM @
COMFORT STATION #2
NOT TO SCALE

REF. DWG. S:\MECH\SDSKFRO\STATE PARKS\POTATO CREEK\05-55
REF. DWG. S:\ACTIVE-PROJECTS\STATE PARKS\03-CHAIN O' LAKES\93-91 NEW 50AMP ELECT. CAMPGRD. PEDESTALS 8-29-14

Jun 20, 2016 – 10:56am S:\ACTIVE-PROJECTS\STATE PARKS\15-BROWN COUNTY\16-25 Campground Electrical Rework @ Existing Sites - Case 3-20-16\16-239 SCI Professional Schedules - Comfort Sta #2.dwg

RONALD G. PETERSON
REGISTERED
No. PE80012045
STATE OF INDIANA
PROFESSIONAL ENGINEER
Certified by: 6-20-16

TAYLOR RIDGE
COMFORT STA. #2
ELECTRICAL PANEL
PANELBD. SCHEDULE

BROWN CO. STATE PARK
NEW CAMPGROUND ELECTRIC - BUFFALO & 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
ROOM W269, INDIANA GOVERNMENT CENTER SOUTH
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Revisions:

Project Number:
Requisition Number: Requisition#
Designer: RGP | Drawing Date: 6/20/16
Drafter: MAC | Drawing Scale: AS NOTED
DNR Approval:
Client Approval:
File Number: 016-239
Drawing Number: E-6
Sheet: 01

PANELBOARD–"F" SCHEDULE

PANEL #: NEW DISTRIBUTION PANEL –"F"

LOCATION: TRANSFORMER "3" NEMA 3R RAINPROOF

PANEL RATING: 120/240V, 600AMP @ 240V, 42KA SCA

MAIN C/B FRAME: 400A; MAIN C/B TRIP: 400A; SUB-FEED C/B FRAME: N/A; SUB-FEED C/B TRIP: N/A

☐ M.L.O. ☒ FULLY RATED ☒ BOLT-IN TYPE ☒ BOTTOM FEED

☒ MCB ☐ TOP FED ☐ SERIAL RATED ☐ PLUG-IN BREAKERS

☐ SPARE LUGS ☒ COPPER BUS ☐ ALUM BUS ☐ SURFACE MTD. ☒ SOLID NEUTRAL

☐ DOUBLE LUGS ☐ ALUMINUM BUS ☒ SURFACE MTD. ☒ GROUND BAR

DESCRIPTION	CIR.	POLE/AMPS	LOAD (KW)		LOAD (KW)	POLE/AMPS	CIR.	DESCRIPTION
F–1	1. 3. 5.	2P–175A	38.4	BLACK RED	19.2	2P–80A	2. 4. 6.	F–2
F–3	7. 9. 11.	2P–175A	38.4	BLACK RED	38.4	2P–175A	8. 10. 12.	F–4
F–5	13. 15. 17.	2P–175A	38.4	BLACK RED	19.2	2P–80A	14. 16. 18.	F–6
	1. 3. 5.						2. 4. 6.	
TOTAL LOAD:			115.2	+	76.8	= 192		

LOAD BALANCE CHECK: BLACK = 115.2 KW
RED = 76.8 KW

ALLOWABLE CONDUCTOR TYPES:

1. (3)– 1/C, TYPE USE WIRE, (#AWG) U. LISTED, ANNEALED CU. WITH VULCANIZED INTERLOCKED POLYETHYLENE INSULATION (600V): DIRECT BURIAL.
   (1)– 1/C, GROUND WIRE: BARE OR INSULATED (GREEN) CU., SOFT DRAWN, STANDARD PER ASTM CLASS "B" OR "C", DIRECT BURIAL.

GENERAL NOTES

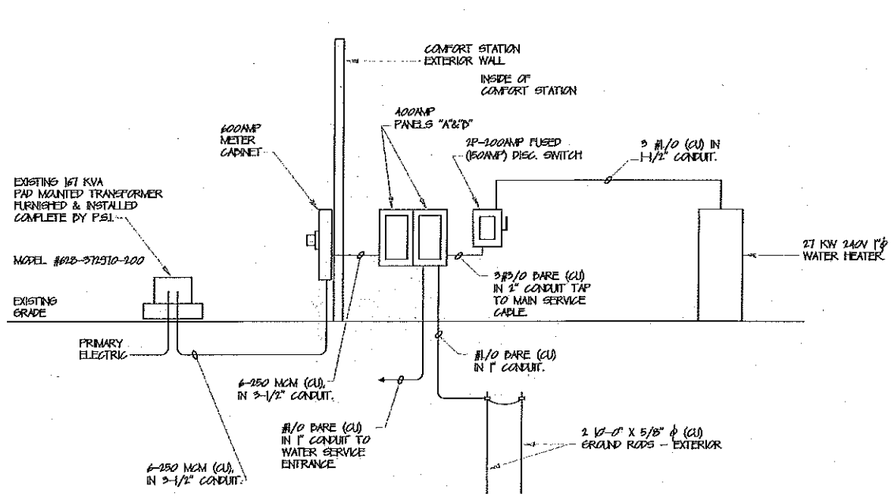
1. CONTRACTOR SHALL INSTALL TYPE 2 50AMP 240VOLT PEDESTAL (COPPER INTERIOR) WITH GFCI CIRCUIT BREAKER.

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 LOADING AT EACH PEDESTAL.

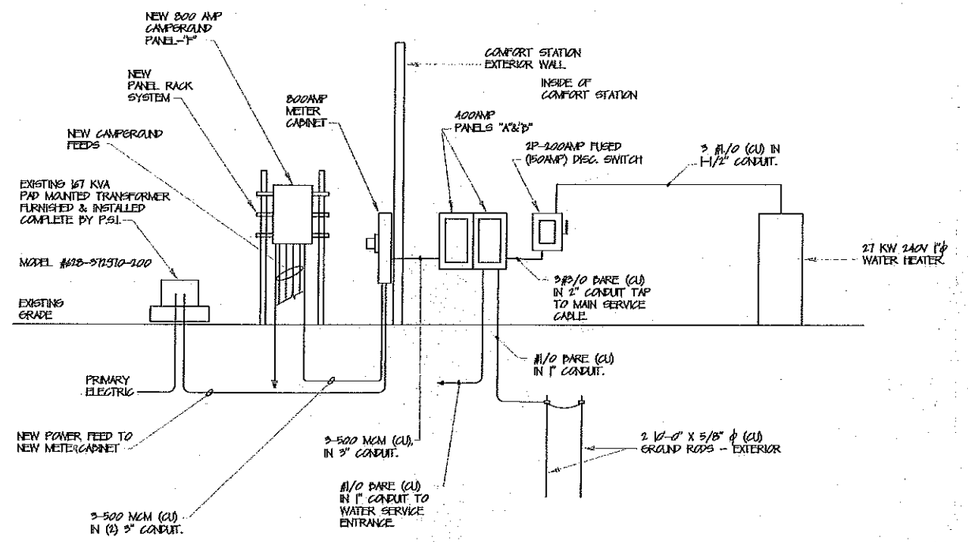
"SEE SHEET E–2"
TAYLOR RIDGE
COMFORT STA. #3

CONDUCTOR SCHEDULE

CIR.	NO. & TYPE OF CONDUCTOR	RISER	CONDUIT	FROM	TO	VOLTS / COND. AMP RATING
F–1	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "F–1"	SITE 308	120/240V 85AMP
	#6 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 308	SITE 307	120/240V 65AMP
F–2	#1 CU./PH. & N #6 CU. GROUNDING	1–1/2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "F–2"	SITE 309	120/240V 130AMP
	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 309	SITE 310	120/240V 85AMP
	#6 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 310	SITE 311	120/240V 65AMP
F–3	#4/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "F–3"	SITE 370	120/240V 230AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 370	SITE 369	120/240V 175AMP
	#3 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 369	SITE 368	120/240V 200AMP
F–4	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "F–4"	SITE 373	120/240V 175AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 373	SITE 372	120/240V 175AMP
	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 372	SITE 371	120/240V 85AMP
F–5	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "F–5"	SITE 377	120/240V 175AMP
	#2/0 CU./PH. & N #6 CU. GROUNDING	2" MIN. DIA.	DIRECT BURIAL	SITE 377	SITE 376	120/240V 175AMP
	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	SITE 376	SITE 375	120/240V 85AMP
	#6 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 375	SITE 374	120/240V 65AMP
F–6	#4 CU./PH. & N #6 CU. GROUNDING	1" MIN. DIA.	DIRECT BURIAL	DISTRIBUTION PANEL "F–6"	SITE 378	120/240V 85AMP
	#6 CU./PH. & N #6 CU. GROUNDING	3/4" MIN. DIA.	DIRECT BURIAL	SITE 378	SITE 379	120/240V 65AMP



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



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

REF. DWG. S:\MECH\DISK PRO\STATE PARKS\POTATO CREEK\45-55
REF. DWG. S:\ACTIVE-PROJECTS\STATE PARKS\03-CHAIN O' LAKES\93-91 NEW 50AMP ELECT. CAMPGRD. PEDESTALS 8-29-14

Jun 22, 2016 - 2:08pm S:\ACTIVE-PROJECTS\STATE PARKS\16-BROWN CO\016-239 - Campground Electrical Upgrade @ Existing Sites - Data\CAD\016-239 E7 Panelboard Schedule - Condor Elk.dwg

RONALD G. PETERSON — REGISTERED — No. PE60012045 — STATE OF INDIANA — PROFESSIONAL ENGINEER
Certified by: 6-20-16

TAYLOR RIDGE
COMFORT STA. #3
ELECTRICAL PANEL
PANELBD. SCHEDULE

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

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