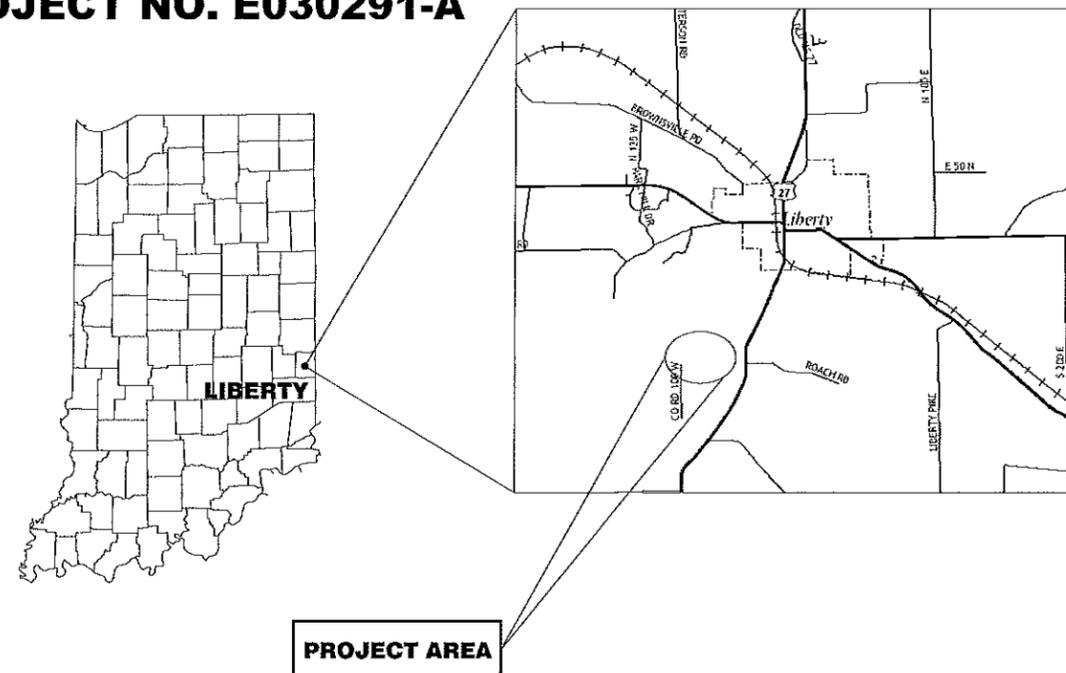


WHITEWATER MEMORIAL STATE PARK CAMPGROUND PAVING IMPROVEMENTS SITE A

FOR THE INDIANA DEPARTMENT OF NATURAL RESOURCES LIBERTY, INDIANA NOVEMBER 2016

PROJECT NO. E030291-A

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CONTRACT NO. 2-2016

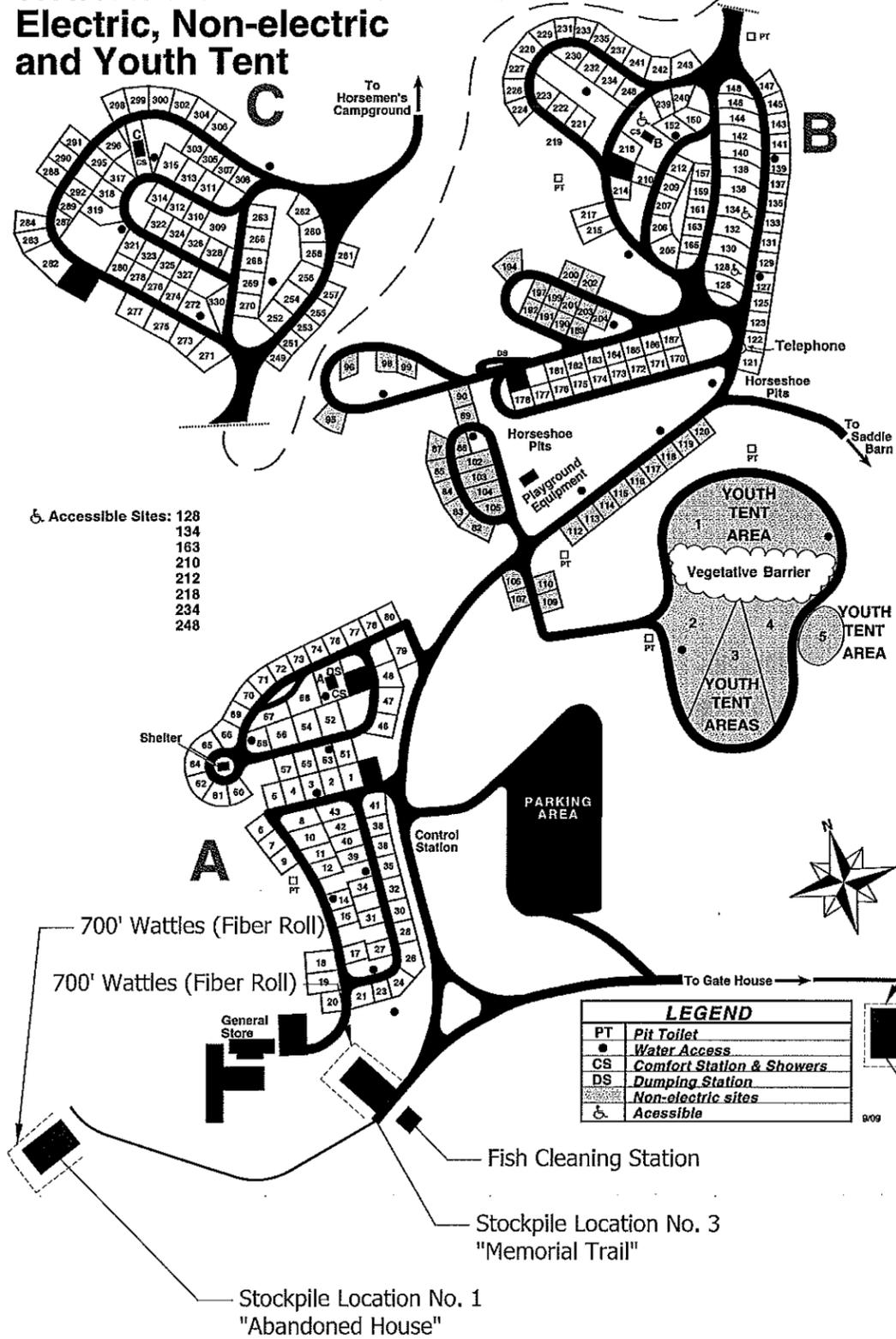
Anthony J. Akles, PE, BCEE
ANTHONY J. AKLES, P.E. INDIANA NO. 10001092

Oct. 21, 2016
DATE



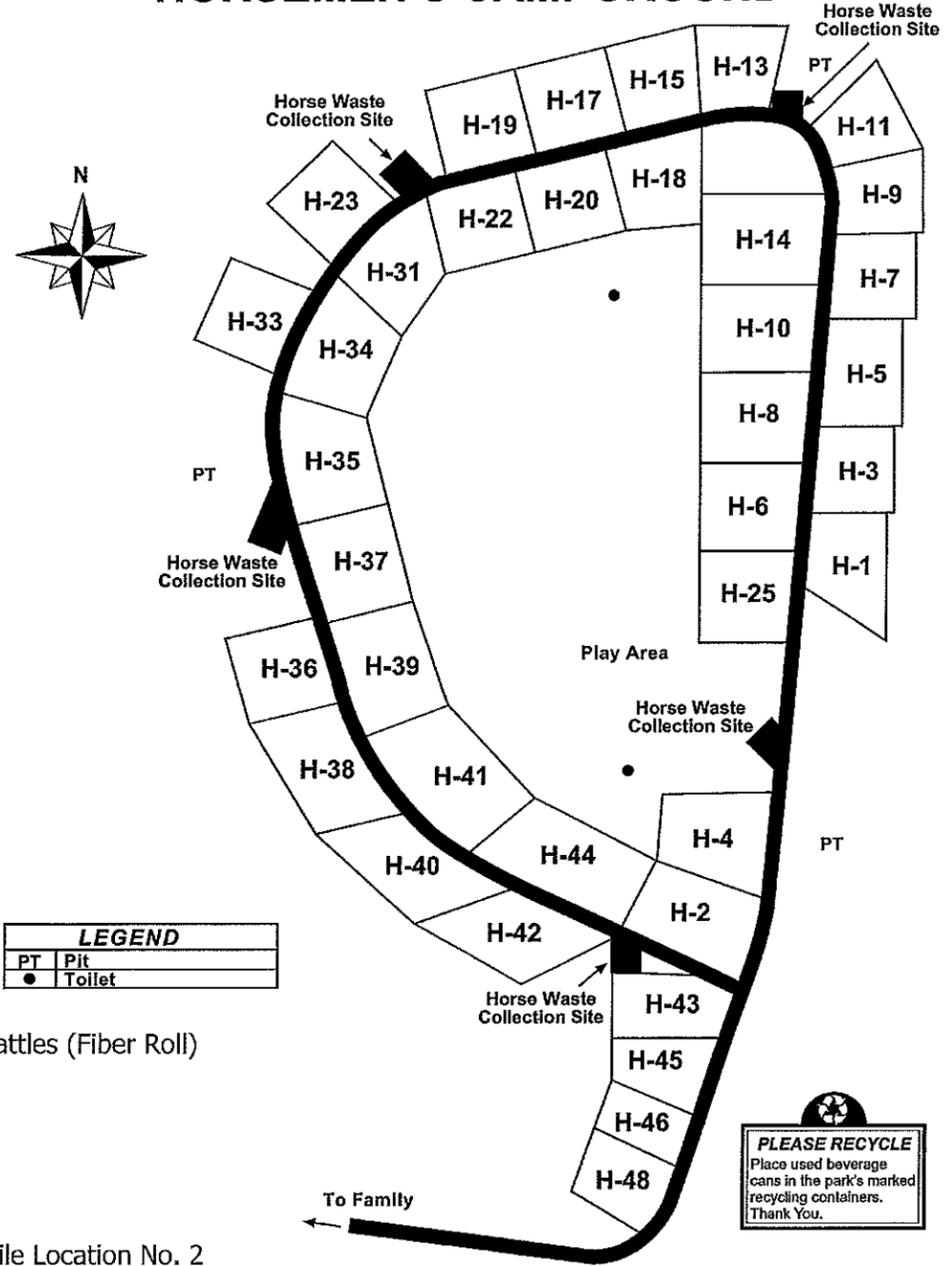
SHEET
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PROJECT NO. E030291-A

WHITEWATER MEMORIAL STATE PARK Electric, Non-electric and Youth Tent



ELECTRIC, NON-ELECTRIC, AND YOUTH TENT CAMPGROUNDS
NO SCALE

WHITEWATER MEMORIAL STATE PARK HORSEMEN'S CAMPGROUND



HORSEMEN'S CAMPGROUND
NO SCALE



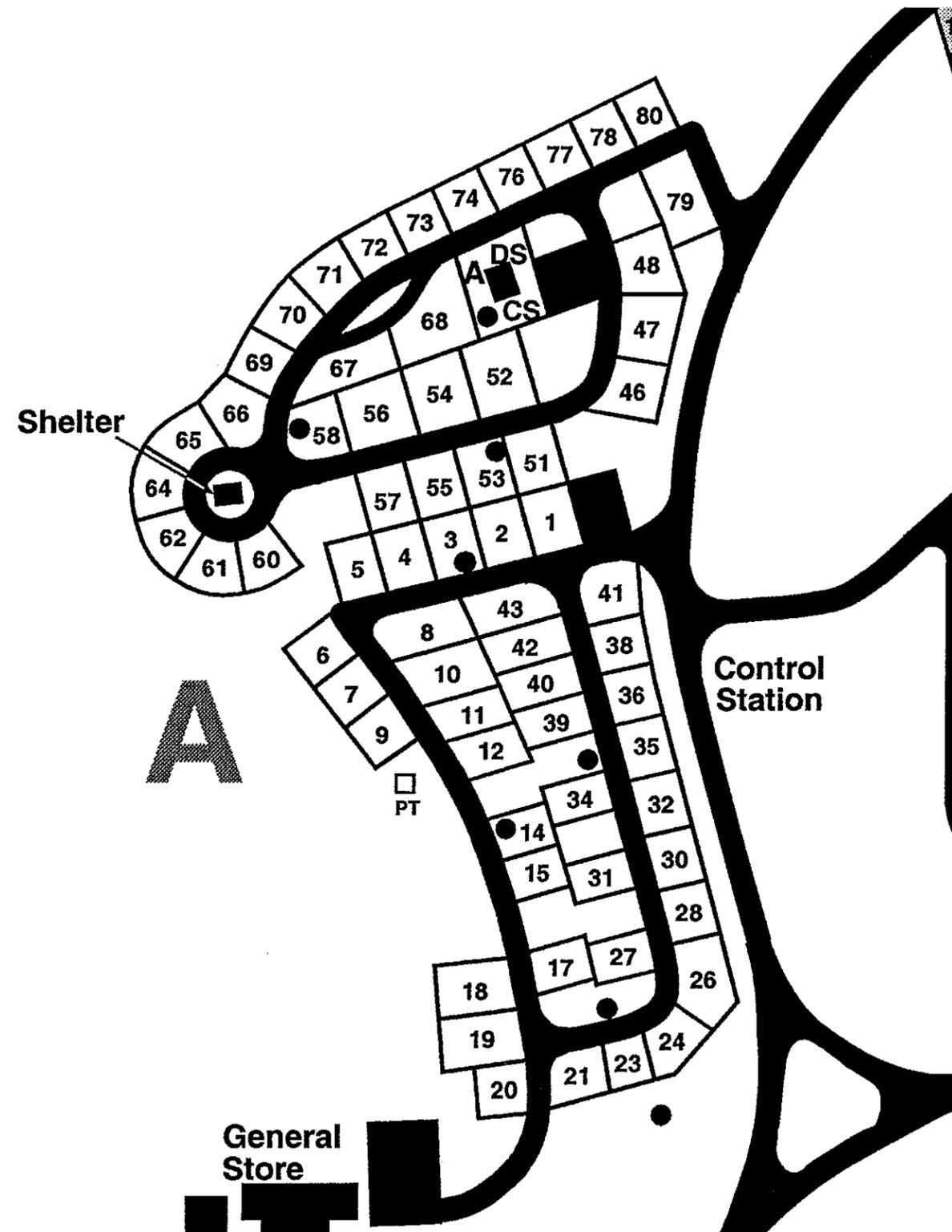
NO.	REVISIONS	DATE:

OVERALL LOCATION MAP
WHITEWATER MEMORIAL STATE PARK
CAMPGROUND PAVING IMPROVEMENTS; SITE A
INDIANA DEPARTMENT OF NATURAL RESOURCES
LIBERTY, INDIANA

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SHEET
2



LEGEND	
PT	Pit Toilet
●	Water Access
CS	Comfort Station & Showers
DS	Dumping Station
▨	Non-electric sites
♿	Accessible

ELECTRIC CAMPGROUND - A: SITE LOCATION MAP
NO SCALE

GENERAL NOTES

1. ALL CAMPGROUND A CAMPSITES ARE INCLUDED IN THIS CONTRACT.
2. THE OWNER SHALL OBTAIN THE NECESSARY PERMITS, BUT THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE AGENCIES.
3. EXISTING UNDERGROUND UTILITIES, ETC. ARE GENERALLY LOCATED WHERE IT IS KNOWN THAT THEY EXIST. THE CONTRACTOR IS RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES, INCLUDING DNR UTILITIES, AND HAZARDS WHETHER SHOWN OR NOT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF ALL DAMAGED UTILITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL RESIDENTS OF INTERRUPTION TO THEIR UTILITIES THAT WILL BE CAUSED BY THE CONSTRUCTION.
6. ERECT AND MAINTAIN ALL NECESSARY BARRICADES, DETOUR SIGNS, WARNING SIGNALS AND LIGHTS BY NIGHT (IN CONFORMANCE WITH THE INDIANA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - LATEST EDITION) REQUIRED TO DIRECT TRAFFIC SAFELY OVER OR AROUND THE PLACE WHERE SUCH WORK IS BEING DONE, SO LONG AS THE WORK IN ANY WAY INTERFERES WITH TRAFFIC.
7. CONTRACTOR SHALL SEPARATE TOPSOIL FROM SAND, GRAVEL OR OTHER SOIL MATERIAL AND SHALL REPLACE THE TOPSOIL AT THE TOP OF THE EXCAVATION.
8. LOCATION OF ELECTRICAL PEDESTAL SHOWN ON DRAWINGS FOR ESTIMATING PURPOSES ONLY. ACTUAL LOCATION TO BE DETERMINED DURING CONSTRUCTION IN COORDINATION WITH PROPERTY OWNER.
9. CONTRACTOR SHALL REAPPLY ALL PAVEMENT MARKINGS THAT ARE REMOVED DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL CONTACT ALL UTILITIES TWO (2) DAYS BEFORE CONSTRUCTION IS STARTED. HE SHALL ALSO REPORT TO A UTILITY OF ANY BREAKS, LEAKS, DENTS, OR ANY DAMAGE TO THE EXISTING UTILITIES.
11. INDIANA UNDERGROUND PLAN PROTECTION SERVICE DOES NOT LOCATE CABLE OWNED BY DNR. THE CONTRACTOR SHALL, PRIOR TO EXCAVATING, VERIFY THE LOCATION OF ALL BURIED UTILITIES, PUBLIC AND PRIVATE, INCLUDING BURIED POWER LINES AND FIBER OPTIC CABLES.

ENVIRONMENTAL MITIGATION MEASURES

NORMAL CONSTRUCTION SHALL BE LIMITED TO DAYLIGHT HOURS TO MINIMIZE DISTURBANCE FROM NOISE AND LIGHTS.

BEGINNING MAY 1, OWNER'S PERMISSION WILL BE REQUIRED FOR WEEKEND WORK. ALL CAMPGROUNDS SHALL BE CLEANED AND READY FOR WEEKEND CAMPGROUND USERS BY 2 PM ON FRIDAY UNLESS PERMISSION IS GIVEN BY OWNER.

REMOVAL OF TREES SHALL NOT BE PERMITTED WITHOUT CONSENT OF THE OWNER. NO TREES GREATER THAN 4-INCHES DBH (DIAMETER AT BREST HEIGHT) SHALL BE REMOVED FROM APRIL 1ST THROUGH SEPTEMBER 30TH.

TEMPORARY SEEDING SHALL BE INSTALLED IF GROUND HAS BEEN DISTURBED AND NO PERMANENT SEEDING HAS BEEN INSTALLED AFTER 7 DAYS OF INACTIVITY.



Oct. 21, 2024

NO.	REVISIONS	DATE

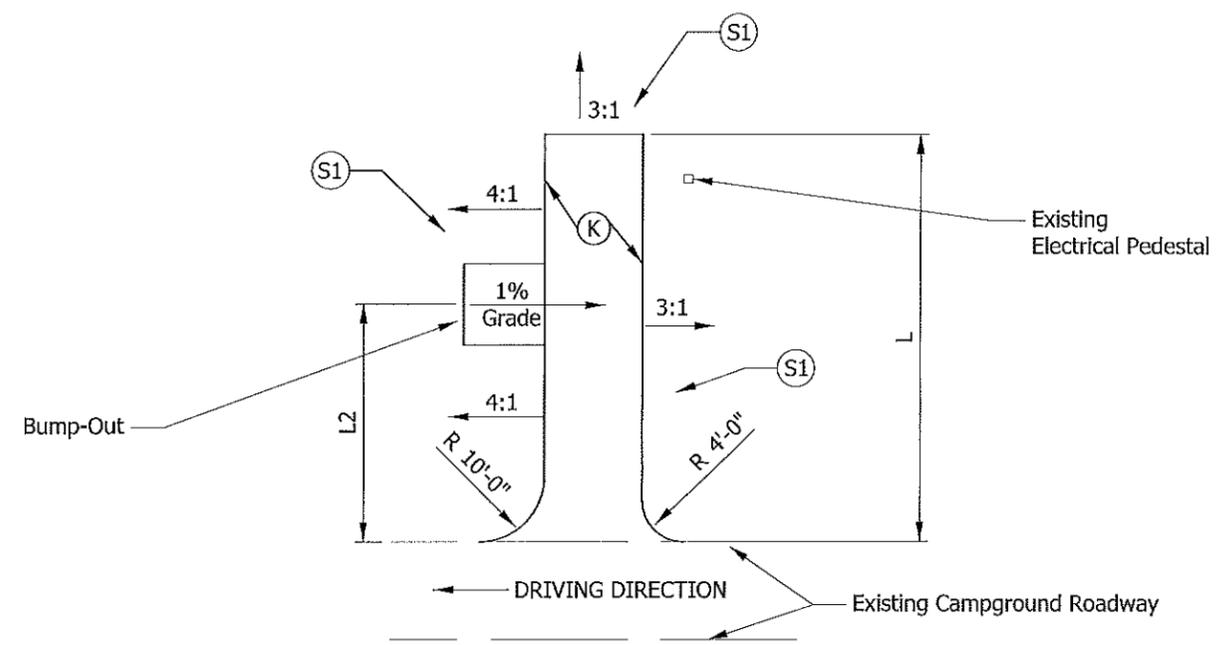
GENERAL NOTES

WHITewater MEMORIAL STATE PARK
CAMPGROUND PAVING IMPROVEMENTS: SITE A
INDIANA DEPARTMENT OF NATURAL RESOURCES
LIBERTY, INDIANA

PROJECT NO.
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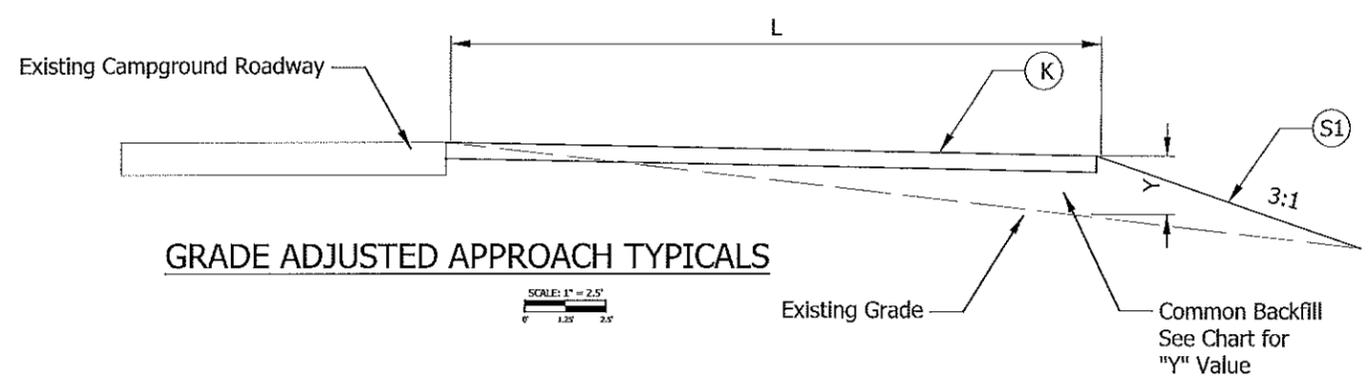


SHEET
3



APPROACH FILL DETAIL

SCALE: 1" = 10'



GRADE ADJUSTED APPROACH TYPICALS

SCALE: 1" = 2.5'

SITE	DIMENSION: Y
55	1'-6"
57	1'-6"

NOTES:

1. The appropriate Detail and length of each Campsite approach are shown on Sheets 8 through 10.
2. Bump outs shall be located along approach on opposite side of existing electric pedestal.
3. Bump out location subject to change with Owner's approval during construction.
4. For the sites listed above, Dimension Y is the elevation adjustment required to achieve a flatter Grade. Living Area side slopes shall be 4:1 slopes; all others shall be 3:1.
5. Common backfill shall be placed in 8-inch loose lifts, and compacted in 6-inch lifts.
6. Permanent Seeding
 - 180 lb/ac - Fescue
 - 90 lb/ac - Perennial Ryegrass
 - 30 lb/ac - Kentucky Bluegrass
 - Fertilizer shall be standard commercial fertilizer with an analysis of 12-12-12
 - Fertilizer shall be applied at a rate of 500 lb per acre.
 - Mulch shall be applied at a rate of 2 tons per acre.

LEGEND

- (K) 220 lb/syd HMA Surface, Type B, on 5" Compacted Aggregate, No. 53, Base
- (S1) Permanent Seed Mixture on 6" of Top Soil See Note 6

DATE	NO.	REVISIONS

APPROACH DETAILS
 WHITEWATER MEMORIAL STATE PARK
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SHEET
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