### addendum

Various DNR Properties – ADA Compliant Playground Improvements IDOA Project #E010-017A

Addendum #2 - December 20, 2017

This addendum is being issued prior to the date for receiving bids.

The modifications, additional data and specifications included herein shall be incorporated into the Project Manual for the above-mentioned project. All other provisions of the Drawings and Specifications shall remain unchanged.

This addendum is issued in accordance with the provisions of Information for Bidders section of the Project Manual. All bids shall be based upon work as modified by this Addendum or Prior Addenda.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject the bidder to disqualification. This addendum forms a part of the Contract Documents.

#### GENERAL CLARIFICATIONS & SUPPLEMENTAL INFORMATION

ITEM #1: A pre-bid meeting was held on Tuesday, December 12, 2017 at 10:30

a.m. at the Fort Harrison State Park office. Representatives from the Project Team discussed each point included on the meeting notes. The Floor was opened for questions. See attached Pre-Bid Meeting

Notes and Attendance Sheet for additional information.

ITEM #2: Bid Documents and associated addenda will be distributed through

the online planroom operated by Repro Graphix, Inc. Prior to the Pre-Bid Meeting, copies of the plans and specifications were available for purchase as hardcopies <u>ONLY</u>. As of 12/13/17, Repro Graphix was notified to distribute <u>BOTH</u> digital and hardcopies of the bid package

for Bidding Contractors' use.

ITEM #3: The Notice to Bidders, DAPW Form 28 – Rev. 7/99 is hereby amended

to add pre-qualified Certification Board classifications as follows:

"Bids shall be taken from Prime Contractors pre-qualified by the Public Works Certification Board in the following classification/s: 1542.01 Inst. Bldgs. (Hospitals, Schools, Prisons), 1542.02 Commercial Bldgs. (Offices, Stores, Restaurants), 1611.01 Concrete Construction of

Roads and Curbs, OR 1771.01 Concrete Construction."

<u>ITEM #4</u> The following product(s) shall be considered an approved equal for the freestanding swing, small composite play structure, and medium

composite play structure:

BCI Burke Small and Medium Playground as outlined in the substitution request, 127-105782-2.

Final approval for substitution is based on review of the materials and information submitted. Final product shall be subject to conditions, including but not limited to, choice of color of all play components from the manufacturer's full range.

This approval for substitution shall be contingent on demonstrating full compliance with the requirements of the Specifications and Drawings throughout the course of the project. If, during the Shop Drawing and Submittal review process, a manufacturer/ product, approved for substitution, should fail to be consistent with their submitted substitution request documentation and/ or should fail to meet the requirements of the Specifications and Drawings, the State reserves the right to enforce Basis-of-Design at no additional cost to the State.

See "Revisions to the Specifications" item #9 for additional information.

#### PHONE, EMAIL AND PRE-BID MEETING QUESTIONS & ANSWERS

PHONE, EMAIL AND PRE-BID MEETING QUESTIONS & ANSWERS		
QUESTION #1:	Please identify the location of Plan Group B & C documents.	
ANSWER #1:	The bid document package, available from the Repro Graphix, contains drawings for Plan Group A, B, & C. A separate cover sheet delineates each plan group within the drawing package. A comprehensive sheet index will be issued as part of this addendum.	
QUESTION #2:	What is the schedule for announcing the acceptance of substitutions?	
ANSWER #2:	Acceptance or rejection of substitution requests shall be announced via addenda. The second addenda is scheduled to be issued the week of December 18. In order to be considered, a substitution request must be submitted to the Design Consultant (Rundell Ernstberger Associates) no later than 14 business days prior to bid opening.	
QUESTION #3:	When will the last addendum be issued?	
ANSWER #3:	The addendum will be issued no later than 10 business days prior to the bid date.	
QUESTION #4:	What are the requirements for Bidder Qualifications?	
ANSWER #4:	All Contractors and Sub-contractors for IDOA Public Works projects valued at \$150,000 must be pre-qualified through the Public Works	

Certification Board. Pre-qualification requires submission of an

	application for review by the Public Works Certification Board members. Prime Contractors must be pre-qualified in one of the four categories: 1542.01 <i>Institutional Buildings</i> , 1542.02 <i>Commercial Buildings</i> , 1611.01 <i>Concrete Construction of Roads and Curbing</i> , and/or 1771.01 <i>Concrete Construction</i> .
QUESTION #5:	Is Certification required for all contractors?
ANSWER #5	Yes, all Prime Contractors and Sub-contractors engaging in work valued greater than \$150,000 must be pre-qualified.
QUESTION #6:	Are playground <u>suppliers</u> considered a sub-contractor?
ANSWER #6:	No. See the State's front end documents for additional information.
QUESTION #7:	The demolition plans indicate that existing playground equipment shall be "disassembled". Please clarify if the intent is for the equipment to be disposed of or salvaged for reuse?
ANSWER #7:	All existing playground equipment shall be removed and legally disposed of off-site by the Bidding Contractor.
QUESTION #8:	Is advantage given to WBE/MBE contractors?
ANSWER #8:	See front end documents for WBE/MBE requirements.
QUESTION #9:	Are spoils allowed to remain on site?
ANSWER #9:	No. It is the contractor's responsibility to legally dispose of construction waste and debris off site.
QUESTION #10:	According to the specification 01 5639 "Temporary Plant Protection", the Contractor shall "Engage a qualified arborist to direct plant-protection measures in the vicinity of trees, shrubs, and other vegetation indicated to remain and to prepare inspection reports." Please clarify.
ANSWER #10:	Omit this requirement. See Revision to Specifications for additional information.
QUESTION #11:	According to the specification 01 5639 "Temporary Plant Protection", a 2" layer of mulch is required within the tree-protection zone for trees indicated to remain. Is this correct?
ANSWER #11:	Omit this requirement. See Revision to Specifications for additional information.
QUESTION #12:	Will bidding contractors be disqualified/ineligible from bidding if they are unable to achieve the MBE/WBE requirements?
ANSWER #12:	See the project front end requirements for additional information.

QUESTION #13:	Will preference be giving for products fabricated/made in Indiana?
ANSWER #13:	No, this project is not a procurement package. Therefore, no preference will be giving to in-state produced products.
QUESTION #14:	Will bidding contractors be responsible for paying park entry fees at each site?
ANSWER #14:	No. Daily entry fees will be waived for contractors. Upon award of a contract, the IDNR will coordinate work with each park property manager and General Contractor to establish a process that eliminates park entry fees for the Contractor.
QUESTION #15:	Will contractors be allowed to access project sites through the parks' main (public) entries or through designated service drives?
ANSWER #15:	Access to the sites will be site-specific for each state-owned property. Upon award of a contract, the IDNR will coordinate final access requirements with the contractor and each park manager during the pre-construction meeting.
QUESTION #16:	Are Bidding Contractors able to access the project sites for review prior to bidding?
ANSWER #16:	Yes, Bidding Contractors are encouraged to visit each site prior to bidding. Park entry gates are often unattended during winter months. Thus, entry fees are waived. The DNR will provide a list of primary contacts/property managers for each park. Contractors should coordinate site visits with each property manager.
QUESTION #17:	Are property managers familiar with the work of this contract?
ANSWER #17:	Yes, DNR property managers have reviewed preliminary plans and are aware of the work involved with this contract. The IDNR, Division of Engineering will supervise the work of this contract; individual property managers do not have authority to direct decisions for this project.
<u>QUESTION #18:</u>	Is there a specific order in which the work of this contract should be completed in regards to geographic location of each property within the state?
ANSWER #18:	No, there is not a required schedule or order of how the Work of this Contract is completed in regards to property locations. Special events at each location may interrupt the construction schedule. The IDNR will provide the contractor with a calendar of deer reduction hunting dates and special events for each property that may restrict or limit construction activity prior to the start of construction.

QUESTION #19:	What is the anticipated start date for construction?
ANSWER #19:	If an apparent low bidder is identified, an electronic contract (e-Contract) will be digitally submitted to the Contractor's authorizing agent via email. The e-Contract cannot be transferred, forwarded, or copied. The authorizing agent on file with the IDOA office is the only individual able to sign the e-Contract. To prevent potential processing delay, Bidding Contractors are advised to verify the contact information (name, email, address, etc.) on file with the IDOA is up-to-date. The Indiana DNR anticipates issuing a Notice to Proceed letter within 2-3 months after bids are opened. A pre-construction meeting will be scheduled within 10 days after issuing Notice to Proceed.
QUESTION #20:	Are acceleration and liquidated damage clauses a part of this contract?
ANSWER #20:	No.
QUESTION #21:	While the State (IDNR) or Design Consultant perform construction inspections?
ANSWER #21:	Inspectors from the State will perform primary inspections of each project site. The Design Consultant (REA) will also periodically perform site inspections to verify compliance with the Contract Documents.
QUESTION #22:	The drawings for Pokagon State Park reference Alternate #1 and #2. Please clarify.
ANSWER #22:	The pathway work at Pokagon State Park will be a part of Alternate #1, not #2. See Revision to Drawings for additional information.

#### REVISIONS TO THE SPECIFICATIONS

ITEM #1: REMOVE the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 1, Article 1.5 "Action Submittals", Paragraph B, item 1.

Organic Mulch: 1-pint volume of organic mulch; in sealed plastic bags labeled with composition of materials by percentage of weight and source of mulch.

ITEM #2: REMOVE the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 1, Article 1.6 "Informational Submittals", Paragraph B.

Certification: From arborist, certifying that trees indicated to remain have been protected during construction according to recognized

	standards and that trees were promptly and properly treated and repaired when damaged.
<u>ITEM #3:</u>	REMOVE the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 1, Article 1.7 "Quality Assurance", Paragraph A.  Arborist Qualifications: Certified Arborist or Certified Arborist-
	Municipal Specialist as certified by ISA.
<u>ITEM #4:</u>	<b>REMOVE</b> the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 2, Article 2.1 "Materials", Paragraph A.
<u>ITEM #5:</u>	<b>REMOVE</b> the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 3, Article 3.1 "Examination", Paragraph B.
	Prepare written report, endorsed by arborist, listing conditions detrimental to tree and plant protection.
<u>ITEM #6:</u>	<b>REMOVE</b> the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 3, Article 3.2 "Preparation", Paragraph C.
	Tree-Protection Zones: Mulch areas inside tree-protection zones and other areas indicated. Do not exceed indicated thickness of mulch.
<u>ITEM #7:</u>	<b>REMOVE</b> the requirements for the following: Section 01 5639 "Temporary Plant Protection", Part 3, Article 3.8 "Field Quality Control", Paragraph A.
	Inspections: Engage a qualified arborist to direct plant-protection measures in the vicinity of trees, shrubs, and other vegetation indicated to remain and to prepare inspection reports.
<u>ITEM #8:</u>	<b>ADD</b> section <u>01 0200 "Allowances"</u> to the Contract Documents and Specifications. See attachment.

ITEM #9: ADD the following to section 11 6800 "Play Field Equipment and Structures", Part 2, Article 2.3, paragraph A:

- 2. Approved Equal: Subject to compliance with requirements, provide the following:
  - a. BCI Burke; 3.5" OD Arch Swing as outlined in substitution documentation package #127-105782-2.

ADD the following to section 11 6800 "Play Field Equipment and Structures", Part 2, Article 2.4, paragraph A:

- 2. Approved Equal: Subject to compliance with requirements, provide the following:
  - a. BCI Burke; custom small playground as outlined in substitution documentation package #127-105782-2.

ADD the following to section 11 6800 "Play Field Equipment and Structures", Part 2, Article 2.4, paragraph B:

- 2. Approved Equal: Subject to compliance with requirements, provide the following:
  - a. BCI Burke; custom medium playground as outlined in substitution documentation package #127-105782-2.

#### **REVISIONS TO THE DRAWINGS**

<u>ITEM #1:</u>	EREPLACE Layout Keynote "H" with the following: Freestanding Swing Structure. See Detail 11 and 12/SD501.	
<u>ITEM #2:</u>	<b>REMOVE</b> any reference to Alternate #2 on the demolition and layout plans for Patoka Lake and Pokagon State Park. All alternate references for Patoka & Pokagon shall reference Alternate #1 ONLY.	
ITEM #3:	<b>REPLACE</b> portion of SD204 "Layout Plan" with the attached sheet SD204.	

### **ATTACHMENTS:**

<u>ITEM #1:</u>	Pre-Bid Meeting Attendance Sheet
<u>ITEM #2:</u>	Pre-Bid Meeting Minutes
<u>ITEM #3:</u>	Revised Sheet Index
<u>ITEM #4:</u>	State-Owned Property Primary Contact List
<u>ITEM #5:</u>	Specification section 01 0200 "Allowances"
<u>ITEM #6:</u>	SD204 "Layout Plan"

### **END OF ADDENDUM #2**

#### **RUNDELL ERNSTBERGER ASSOCIATES**

email reaindy@reasite.com

nternet www.reasite.com

# exhibit #1: attendance sign-in

meeting date: December 12th, 2017 meeting time: 10:30 am (local time)

meeting location: Fort Harrison State Park, Park Office

6000 N Post Road, Indianapolis, IN 46216

IDOA project no: E010-017A REA project no.: E01448

project name: DNR Playgrounds Site Improvements

items of discussion: Pre-bid Meeting

NAME	ORGANIZATION	PHONE/EMAIL	
Matthew Pore	Indiana DNR	mpore@dnr.in.gov	
Kyle Koger	REA	317-263-0127 kkoger@reasite.com	
Carl Kincaid	REA	317-263-0127 ckincaid@reasite.com	
Andrew Graves	Graves Construction	812-659-3138 andrew@gravesplumbing,net	
James Mullins	HP Legacy, Inc.	317-218-4769 jmullins@hplegacyinc.com	
Brian Scholz	HP Legacy, Inc.	317-650-6077 bscholz@hplegacyinc.com	
Eric McDaniel	Kinetic Recreation	317-498-1021 eric@kineticrecreation.com	
Lonny Harris	Kings Trucking & Excavating	812-599-2521 lonny@kingstrucking.com	
Linda Glick	Snider Recreation	812-371-9494 lindaglick@cvsnider.com	
Jill Hagen	BCI Burke	920-517-9778 jhahan@bciburke.com	
George McGuan	Kidstuff Playsystems	219-938-3572 rhagelberg@kidstuffplaysystems.com	

NAME	ORGANIZATION	PHONE/EMAIL	
Richard Hagelberg	Kidstuff Playsystems	219-938-3572 rhagelberg@kidstuffplaysystems.com	
Mike Catchur	Kidstuff Playsystems	219-771-3540 mcatchur@yahoo.com	
James Snider	Snider Recreation	440-877-9151 jcsnider@cvsnider.com	
Jeff Branham	Sinclair/GameTime	317-297-6554 jeff@sinclair-rec.com	
James Davis	DNR Engineering	317-232-4147 jedavis@dnr.in.gov	
Randy Norton	Snider Recreation	616-635-8245 rnorton@cvsnider.com	
Devin Shaffer	NVB Playgrounds, Inc.	877-826-2776 devin@aaastateofplay.com	
Justin Moos	Countryside Play Structures	317-292-7066 justinmoos@cplaystructures.com	
Jim Kojetin	Glenroy Construction Co.	317-359-9501 Info@glenroyconstruction.com	

LANDSCAPE

PLANNING

## exhibit #2: pre-bid meeting notes

date prepared: December 12, 2017

meeting date: December 12, 2017 meeting time: 10:30 am (local time)

meeting location: Fort Harrison State Park, Park Office 6000 N Post Road, Indianapolis, IN 46216

IDOA project no.: E010-017A

project name: Various DNR Properties – ADA Compliant Playground Improvements

items of discussion:

#### 1. Introductions

• Owner's Representative(s):

Matt Pore, IDNR, Division of Engineering mpore@dnr.IN.gov

Design Consultant's Representative(s):

Carl Kincaid, Rundell Ernstberger Associates ckincaid@reasite.com

Kyle Koger, Rundell Ernstberger Associates kkoger@reasite.com

#### 2. Project Information

- IDOA Project Number: E010017A
- IDOA Project Name: Various DNR Properties ADA Compliant Playground Improvements
- Bids shall be taken from Prime Contractors pre-qualified by the Public Works Certification Board in the following classifications: 1542.01 Institutional Buildings (Hospitals, Schools, Prisons), and 1611.01 Concrete Construction of Roads and Curbing.
  - i. <u>An addendum will be issued to include eligibility from the following categories: 1542.02 Commercial Buildings (Offices, Stores, Restaurants) and 1771.01 Concrete Construction.</u>
- The project shall be completed in 270 calendar days.

#### 3. Addenda

- The last addendum will be issued 10 business days before bid opening.
- Substitution request shall be submitted 14 business days prior to bid opening.
- Submit all questions and substitution requests to the Design Consultant:

Rundell Ernstberger Associates, 618 East Market Street, Indianapolis, IN 46202 phone: (317) 263.0127.

#### 4. General Requirements

- The project focuses on the construction of ADA-compliant playgrounds on Stateowned properties. ADA guidelines should be followed for all new construction without exceptions.
- There are five (5) alternates listed for this project. The alternates should be read carefully and in order of their listing. Detailed descriptions of each alternate can be found in the project manual.
  - i. Alternate 1: Construction of pathways for sites indicated in Plan Group A.
  - ii. Alternate 2: Construction of sites indicated in Plan Group B.
  - iii. Alternate 3: Construction of pathways for sites indicated in Plan Group B.
  - iv. Alternate 4: Construction of sites indicated in Plan Group C.
  - v. Alternate 5: Addition of pathways for sites indicated in Plan Group C.
- GameTime is the listed as the basis-of-design supplier for the project's playground equipment. Detailed descriptions of the playground equipment requirements can be found in the project manual.
  - Substitution request shall be sent to the Design Consultants for consideration and review of conformance with the requirements of the Contract Documents.

#### 5. Questions

• The meeting was opened to the floor for general questions related to the project. Responses to questions are addressed in addenda #2.

#### END OF MEETING MINUTES

These notes are intended to summarize the pertinent discussion without compiling a detailed set of minutes. Should you find any errors, please advise this office. Prepared by Rundell Ernstberger Associates.

**RUNDELL ERNSTBERGER ASSOCIATES** 



# exhibit 3: plan sheet index

		•
E H	PLAN GROUP A	(as prepared by Rundell Ernstberger Associates)
O T O	G000	Title Sheet
ARCHITECT	G001	Playground Schedule
H	G101	Existing Site Plan
A R (	G102	Existing Site Plan
Ы	G103	Existing Site Plan
CA	SD101	Demolition Plan - Chain O' Lakes State Park
S O	SD102	Demolition Plan - Clark State Forest
Z Z	SD103	Demolition Plan - Green-Sullivan State Forest
+	SD104	Demolition Plan - Patoka Lake
Ð	SD105	Demolition Plan - Pokagon State Park
Z	SD106 SD107	Demolition Plan - Shades State Park Demolition Plan - Shades State Park
PLANNIN	SD107	Demolition Plan - Shakamak State Park
PL/	SD109	Demolition Plan - Trine State Recreation Area
+	SD110	Demolition Plan - Trine State Recreation Area
Z	SD201	Layout Plan - Chain O' Lakes State Park
S	SD202	Layout Plan - Clark State Forest
DE	SD203	Layout Plan - Green-Sullivan State Forest
A N	SD204	Layout Plan - Patoka Lake
≃ B	SD205	Layout Plan - Pokagon State Park
∩ +	SD206	Layout Plan - Shades State Park
ш	SD207	Layout Plan - Shades State Park
UR	SD208	Layout Plan - Shakamak State Park
ECT	SD209	Layout Plan - Trine State Recreation Area
CHITE	SD210	Layout Plan - Trine State Recreation Area
CH	SD301	Typical Cross Sections
AR	SD302	Typical Cross Sections
APE	SD501	Site Details
0	SD502 SD503	Site Details Site Details
ANDS	C504	Civil Details
ΓA	C304	CIVII DeTalis
+	PLAN GROUP B	(as prepared by IDNR, Division of Engineering)
S N	G-B1	Drawing Index Location Map
PLANNIN	SD-B1	Plan - Brookville Lake
۲۲۸	SD-B2	Plan - Potato Creek State Park
+	SD-B3	Plan - Monroe Lake
z	SD-B4	Plan - Deam Lake State Recreation Area
SIG	SD-B5	Plan - Martin State Forest
D E	SD-B6	Plan - Turkey Run State Park
Z 4	SD-B7	Plan - Brown County State Park
S B		
<u> </u>	PLAN GROUP C	(as prepared by IDNR, Division of Engineering)
+ ш	G-C1	Drawing Index Location Map
	SD-C1	Plan - Charlestown State Park
CI	SD-C2	Plan - Indiana Dunes State Park
CHITECTUR	SD-C3	Plan - Starve Hollow State Recreation Area
A C H	SD-C4	Plan - Whitewater Memorial State Park
E AR	SD-C5	Plan - Owen-Putnam State Forest
ш		

#### **RUNDELL ERNSTBERGER ASSOCIATES**





Bill Gallogly, Owen-Putnam State Forest, 812-829-2462

Bradley Schneck, Starve Hollow S.R.A. at Jackson-Washington S.F., 812-358-2160

Brandt Baughman, Indiana Dunes State Park, 219-926-1952

Christopher Newcomb, Turkey Run State Park and Shades State Park, 765-597-2635

Derek Spanton, Deam Lake S.R.A., 812-246-5421

Doug Baird, Brown County State Park, 812-988-5234

Jason Hickman, Patoka Lake, 812-685-2464

Jim Lauck, Martin State Forest, 812-247-3491

Jim Roach, Monroe Lake, 812-837-9546

Jim Webb, Potato Creek State Park, 574-656-8186

Lucas Green, Charlestown State Park, 812-590-8430

Patrick Cleary, Clark State Forest, 812-294-4306

Rob Hogg, Shakamak State Park, 812-665-2158

Sam Boggs, Chain O'Lakes State Park, 260-636-2654

Scott Crossley, Brookville Lake and Whitewater Memorial State Park, 765-647-2657

Steve Siscoe, Greene-Sullivan State Forest, 812-648-2810

Ted Bohman, Pokagon State Park and Trine S.R.A., 260-833-2012

#### PART 1 - GENERAL:

#### 1.01 REMEDIATION ALLOWANCE

- A. Contractor shall include an allowance of \$5,000.00 in the Base Bid for remediation of unforeseen constraints. This amount shall be included as a separate item in the Schedule of Values adding up to the total bid price.
- B. Such constraints may include but are not necessarily limited to unforeseen conditions; improperly recorded or unrecorded physical properties and conditions at the site; obstruction of or delays to reasonable work sequences by the Property, or the Owner; uncommon adverse weather or site conditions; and conflict within or omissions from the Contract Documents.
- C. All remediation work shall be proposed to and authorized by the Director of Public Works Division prior to execution, jointly documented by Contractor and Designer, and recorded in Contractor's as-built drawings and Designer's project record documents.
- D. If any portion of the allowance is not used during the project, that portion will revert to the owner and will not be included in the contractor's final payment.

END OF SECTION

ALLOWANCES 01 0200-1



### SURVEY DISCLAIMER:

- 1. SITE LAYOUT DATA, INCLUDING COORDINATE POINTS, IS REPRODUCED FROM GEOSPATIAL INFORMATION AND GOOGLE EARTH AERIAL PHOTOGRAPHY. DATA IS NOT GUARANTEED TO BE ACCURATE. RUNDELL ERNSTBERGER ASSOCIATES IS NOT RESPONSIBLE FOR POSSIBLE ERRORS, OMISSIONS, MISUSE, OR MISINTERPRETATION OF THE DATA. DRAWINGS ARE PREPARED FOR REFERENCE PURPOSES ONLY AND SHOULD NOT BE USED, AND IS NOT INTENDED FOR, SURVEY OR ENGINEERING PURPOSES.
- 2. REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS TO THE OWNER AND LANDSCAPE ARCHITECT IMMEDIATELY. FIELD AJUSTMENTS WILL

### LAYOUT GENERAL NOTES:

- 1. IF GIVEN, OR UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO THE FOLLOWING: FACE OF WALL, FACE OF BUILDING, FACE OF CURB, EDGE OF PAVEMENT, CENTERLINE OF PAVEMENT, OR CENTER OF LAYOUT POINT.
- 2. ALL EDGES OF PAVEMENT ARE TO BE STRAIGHT (OR CONSISTENT RADIUS IN THE CASE OF AS SHOWN HEREON; NO UNSPECIFIED TANGENTS OR KINKS WILL BE
- 3. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH AFFECTED UTILITIES PRIOR TO THE START OF CONSTRUCTION, ALL UTILITIES SHALL BE FIELD LOCATED PRIOR TO THE START OF CONSTRUCTION. ALL UNDERGROUND UTILITIES SHALL BE MAINTAINED AND PROTECTED FROM DAMAGE.
- 4. ALL WORK SHALL BE COORDINATED AND IN COMPLIANCE WITH FEDERAL, STATE, COUNTY, AND LOCAL MUNICIPALITIES AS WARRANTED. ALL WORK PERFORMED AS PART OF THIS CONTRACT SHALL CONFORM TO INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARDS.
- 5. EROSION CONTROL MEASURES (I.E. SILT FENCING, AND SEDIMENT CONTROL) SHALL BE PROVIDED BY THE CONTRACTOR PER THE SPECIFICATIONS. SEE EROSION CONTROL DRAWINGS AND SITE CLEARING SPECIFICATIONS.
- 6. CONTRACTOR SHALL ERECT CONSTRUCTION FENCING AND BARRICADES ALONG THE CONSTRUCTION LIMIT LINE AS NECESSARY. CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE FINAL LOCATION OF FENCING, BARRICADES, AND CONSTRUCTION ACCESS POINTS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE RESULTING FROM DEMOLITION OR CONSTRUCTION ACTIVITY TO EXISTING SITE ELEMENTS THAT ARE TO REMAIN. ALL AREAS WHERE THE EXISTING PAVEMENT OR PAVEMENTS ARE DAMAGED DURING CONSTRUCTION FROM HEAVY TRAFFIC OR EQUIPMENT, FUEL OIL, GASOLINE, ETCETERA, BY THE GENERAL CONTRACTOR, SUBCONTRACTOR, OR SUPPLIERS SHALL BE RECONSTRUCTED TO ITS ORIGINAL CONDITION. THIS RECONSTRUCTION SHALL TAKE PLACE AT THE END OF THE PROJECT CONSTRUCTION OR DURING THE SCHEDULED GRADING AND PAVING
- 8. THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S REQUIREMENTS AND DIRECTIONS FOR INSTALLATION.
- 9. ALL DIMENSIONS INDICATED ON THE PLANS ARE PARALLEL AND PERPENDICULAR TO THE BASE LINES, PROPERTY LINES, AND OR BUILDING LINES UNLESS NOTED OTHERWISE.
- 10. PROVIDE A SMOOTH TRANSITION FROM NEWLY PAVED AREAS TO EXISTING AREAS AS NECESSARY.
- 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR OR CONTRACTORS TO OBTAIN ALL FEDERAL, STATE, COUNTY, CITY, AND LOCAL PERMITS FOR ANY AND ALL WORK REQUIRED UNLESS OTHERWISE NOTED. THE CONTRACTOR OR CONTRACTORS ARE RESPONSIBLE TO PAY FOR ALL REQUIRED PERMITS BY ANY OR ALL AGENCIES MENTIONED ABOVE UNLESS OTHERWISE NOTED BY THE CONTRACT OR SPECIFICATIONS.

# LAYOUT KEYNOTES:

- A. CONCRETE PAVEMENT SEE DETAIL 2/SD501.
- C. DETECTABLE WARNING PAVERS
- SEE DETAILS 6 & 8/SD501.
- SEE DETAIL 9/SD501 AND 1/SD502.
- SEE DETAIL 10/SD501.
- I. SMALL PLAYGROUND STRUCTURE SEE DETAIL 1/SD503 AND SPECIFICATIONS.

- J. MEDIUM PLAYGROUND STRUCTURE SEE DETAIL 2/SD503 AND SPECIFICATIONS.
- K. PLAYGROUND WEAR MAT SEE SPECIFICATIONS.
- L. DRYWELL SEE DETAIL 6/C504.
- M. RIPRAP OUTFALL SEE DETAIL 7/C504.
- N. ACCESSIBLE CURB RAMP SEE DETAIL 3/SD502.
- O. PAVEMENT MARKING, 2" SOLID DELINEATOR LINE, PAINTED
- SEE DETAIL 2/SD502 AND SPECIFICATIONS. P. ACCESSIBLE PARKING SIGN SEE DETAIL 5/SD502.
- Q. UNDERDRAIN AT WALK (AS REQ'D) SEE DETAIL 13/SD501.

# LAYOUT LEGEND:

PT POINT OF TANGENCY

VERTEX

— CL — CENTERLINE CONTROL JOINT

EXPANSION JOINT — — — CONSTRUCTION LIMIT LINE

P.O.B. POINT OF BEGINNING

M.E.G. MATCH EXISTING GRADE



APPARENT EXTENTS OF WOODED AREA

TRANSFORMER

BENCH

FL FLOW LINE

NO.

REA Project #: 161448 11/28/2017 Drawn by: Reviewed by: CK

12/20/13

LAYOUT PLAN - PATOKA LAKE

B. HEAVY-DUTY CONCRETE PAVEMENT SEE DETAIL 3/SD501.

SEE DETAIL 4/SD501. D. ENGINEERED WOOD FIBER PLAY SURFACE

E. PLAY SURFACE CONTAINMENT BAND

SEE DETAIL 7/SD501. F. ACCESSIBLE TRANSITION RAMP

G. WOOD BOLLARD

H. FREESTANDING SWING STRUCTURE SEE DETAIL 10/SD501 AND SPECIFICATIONS.

MANHOLE

--- EXTENT OF ALTERNATE WORK ₩ SIGN

TC TOP OF CURB

PLAN GROUP A PATOKA LAKE LAYOUT PLAN

ADD2 KDK ADDENDUM #2

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