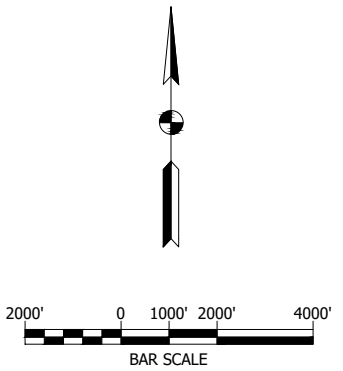
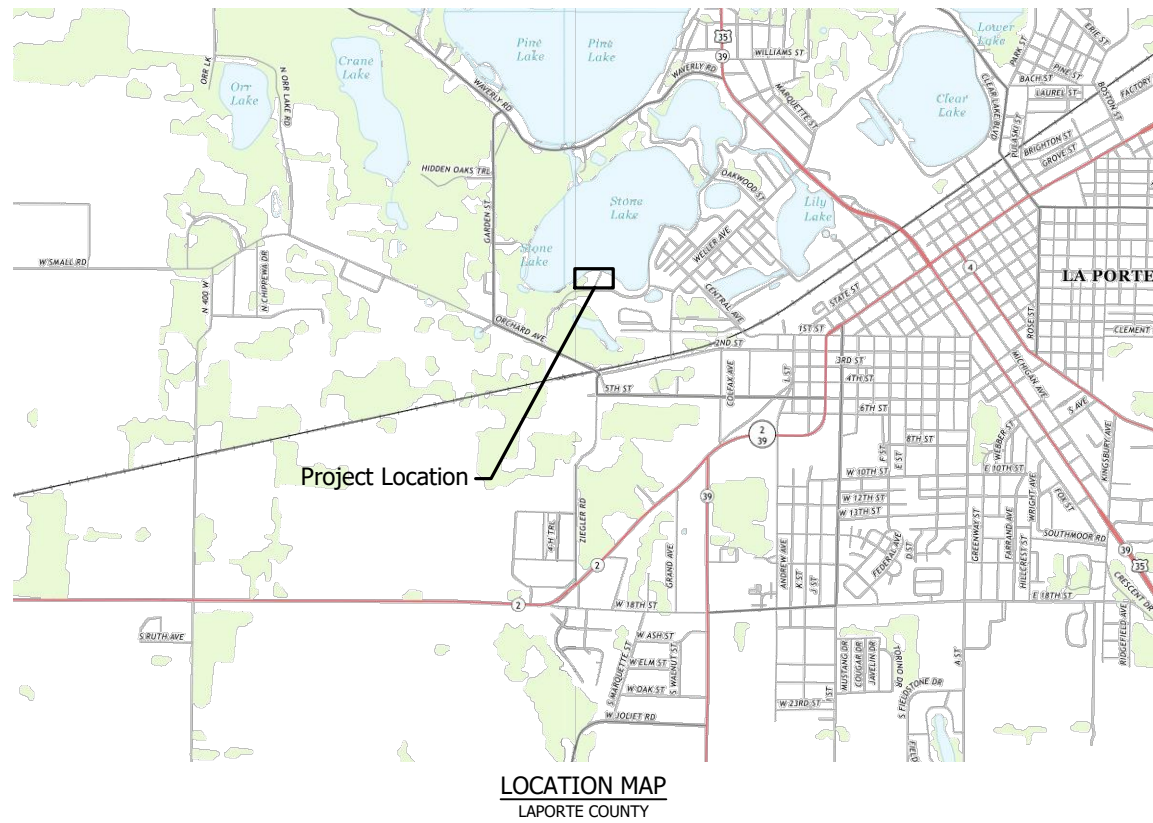
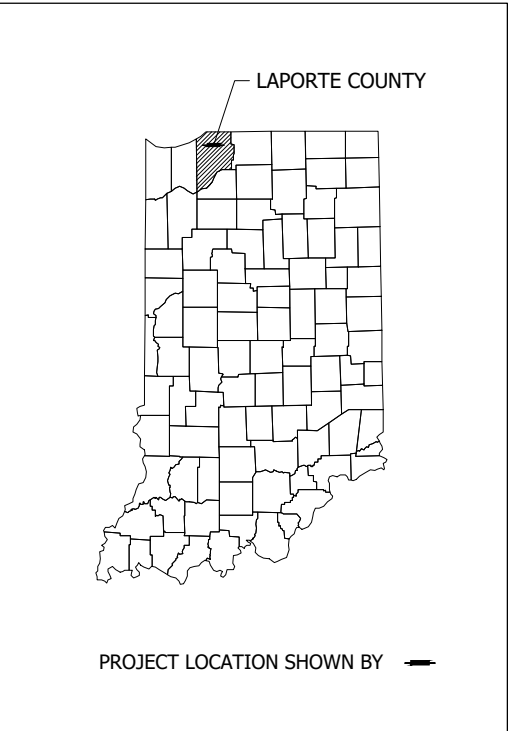


INDIANA DEPARTMENT OF ADMINISTRATION (IDOA)  
INDIANA DEPARTMENT OF NATURAL RESOURCES (IDNR)

PROJECT No. ENG2201872270  
STONE LAKE PUBLIC ACCESS SITE - LOT PAVING  
CENTER TOWNSHIP, LAPORTE COUNTY, INDIANA  
SECTION 34, T-37-N, R-3-W



DRAWING INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LEGEND AND GENERAL NOTES
3	EXISTING CONDITIONS PLAN AND SURVEY CONTROL
4	SITE PLAN
5	GRADING PLAN
6	EROSION CONTROL PLAN

U:\2020\202042\_10 IDNR Stone LK\Cad\Plan Set\Civil\204210TR\_CS.dwg (TITLE SHEET)

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PIPER C. TUTTLE  
REGISTERED PROFESSIONAL ENGINEER  
No. 19700091  
STATE OF INDIANA

*Kevin J. Siedlecki*  
SIGNATURE  
12/17/21  
DATE

*Piper C. Tuttle*  
SIGNATURE  
12/17/21  
DATE

KEVIN J. SIEDELECKI  
REGISTERED PROFESSIONAL ENGINEER  
No. 1100677  
STATE OF INDIANA

INDIANA DEPT. OF NATURAL RESOURCES  
STONE LAKE PUBLIC ACCESS SITE  
LOT PAVING













TITLE SHEET

REVISIONS	HORIZONTAL SCALE BAR SCALE	PROJECT NUMBER 202042.10
DRAWN: JAJ	SURVEY BOOK	SHEETS
CHECKED: KJS	DATE DECEMBER 2021	1 OF 6

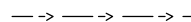

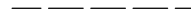
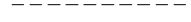

U:\2020\202042\_10 IDNR Stone Lk\Cad\Plan Set\Civil\204210TR\_IN.dwg (GENERAL NOTES AND LEGEND)

**LEGEND:**

**SYMBOLS**

-  Existing Benchmark
-  Existing Control Point
-  Existing Deciduous Tree
-  Existing Guy Anchor
-  Existing Light Pole
-  Existing Property Line
-  Existing Property Ownership Hook
-  Existing Post
-  Existing Power Pole
-  Existing Sign - Single Post
-  Existing Sign - Double Post
-  Water Surface Elevation

**EXISTING PATTERNS**

-  Existing Ditch Centerline
-  Existing Overhead Utility
-  Existing Property Line
-  Existing Top of Bank/Toe of Slope
-  Existing Vegetation Line

**PUBLIC UTILITY**

The existing utilities listed below and shown on these plans represent the best information available as obtained on our surveys. This information does not relieve the contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

OWNER	UTILITY
City of LaPorte Joann Renz 2101 Boyd Blvd. LaPorte, IN 46350	Communications
Nipsco Electric Phil Griffin 1039 E. Pennsylvania Ave. South Bend, IN 46601 (574) 284-2214	Electric
Nipsco Gas Phil Griffin 1039 E. Pennsylvania Ave. South Bend, IN 46601 (574) 284-2214	Gas

**GENERAL NOTES:**

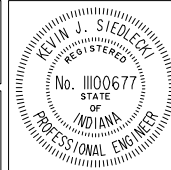
1. All items shown are existing unless otherwise indicated as required.
2. The contractor shall locate all underground utilities prior to starting work and shall conduct his operation in such manner as to insure that those utilities will not be disturbed.
3. Any damage to access roads, bridges, private or public property, and to existing structure not specified to be altered and caused by the contractor during construction shall be repaired at the expense of the contractor.
4. Prior to starting construction the contractor shall conduct check surveys on each aspect of the work as provided in the specifications. The results of the check surveys may affect the quantities.
5. If any errors become apparent, they shall be brought to the attention of the engineer prior to construction so that clarification or redesign may occur.
6. Contractor shall power wash all equipment upon arriving on site in order to decrease the spread of any invasive species.
7. Contractor shall not remove trees between April 1st to October 1st due to date restrictions with the endangered Indiana bat species.
8. Contractor shall seed and mulch all disturbed areas within the construction limits unless noted otherwise.
9. INDOT Standard Specification 2022 shall be used with these plans.



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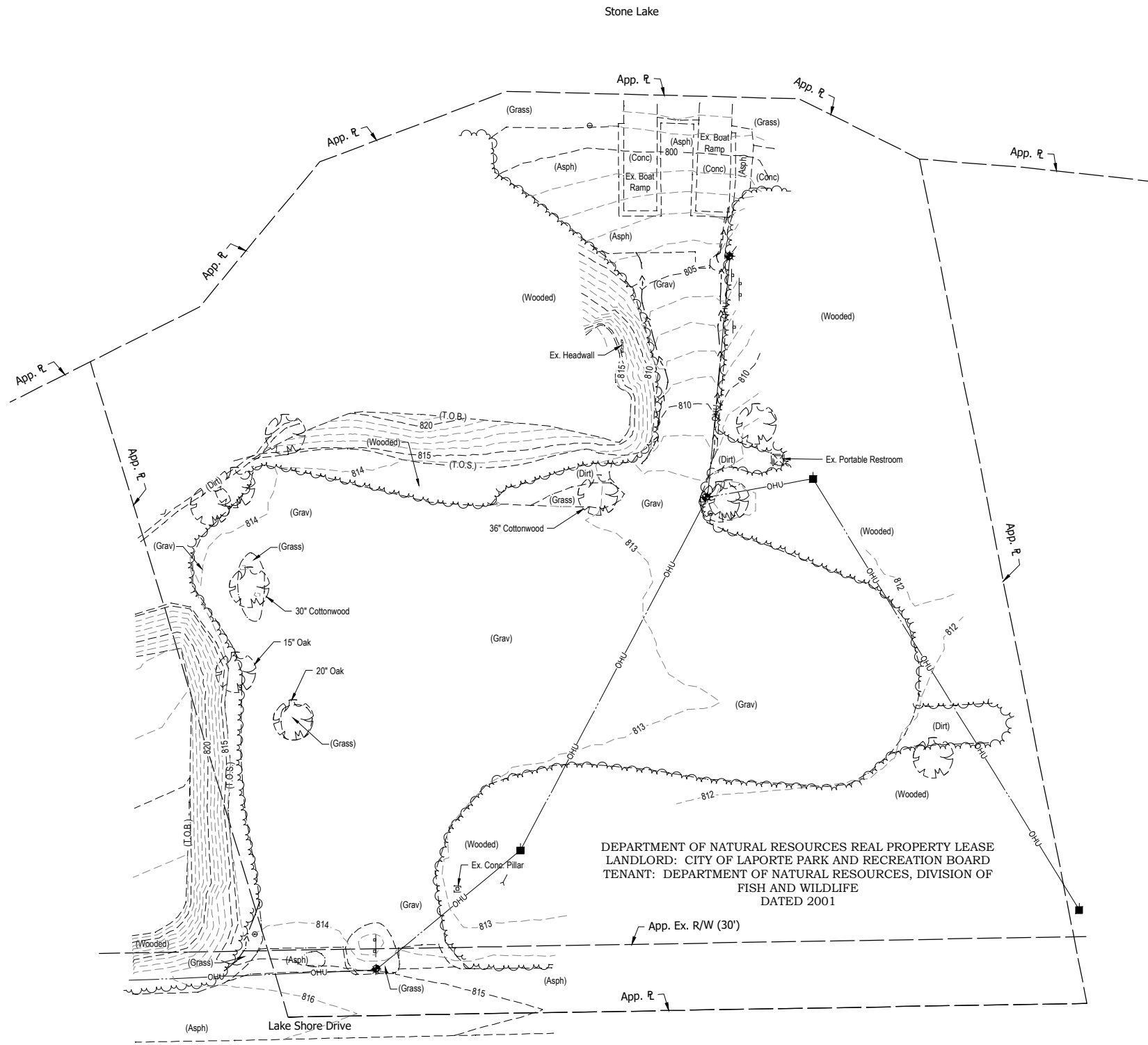
*Kevin Siedlecki* 12/17/21  
SIGNATURE DATE  
*Blake Warner* 12/17/21  
SIGNATURE DATE



INDIANA DEPT. OF NATURAL RESOURCES  
STONE LAKE PUBLIC ACCESS SITE  
LOT PAVING  
LEGEND AND GENERAL NOTES

REVISIONS	HORIZONTAL SCALE	PROJECT NUMBER
	VERTICAL SCALE	202042.10
DRAWN: JAJ	SURVEY BOOK	SHEETS
CHECKED: KJS	DATE	2 OF 6
	DECEMBER 2021	

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**SURVEY NOTES:**

1. Unless noted otherwise, all bearings, distances, areas, and coordinates shown hereon are based upon the Indiana State Plane Coordinate System's West Zone (InSPC-1302) per NAD 83 (2011) Epoch 2010.00 and are reported in U.S. Survey Feet and decimal parts thereof.
2. Unless noted otherwise, all elevations shown hereon are based upon the North American Vertical Datum of 1988 (NAVD 88) as established on National Geodetic Survey (NGS) Mark Q 152 (PID ME0905), elevation 817.000 (NAVD 88).
3. The project is located in Section 34, T37N R3W (Center Twp.), LaPorte County, State of Indiana
4. The horizontal datum was verified by Global Navigation Satellite Systems (GNSS) Real Time Kinematic (RTK) observations on NGS mark PPO A (PID DM4010). The Trimble Virtual Reference Station Network (VRS) was used as the correction source. The vertical datum was verified by GNSS (RTK) observations on NGS mark Q 152 (PID ME0905), elevation 817.000 (NAVD 88).
5. The location of underground utilities was facilitated by Indiana 811 under the following ticket number 2106222589. All utilities were marked clear at the site and no appurtenances of underground utilities were found at the time of survey.
6. The irons or spikes called for in the lease description and the 1985 survey were not recovered. The property line was placed using the south line and corners of the section.

HORIZONTAL CONTROL (INSPC – EAST ZONE // U.S. FEET)						
ID	Northing	Easting	Latitude	Longitude	Elevation (NAVD 88)	Marker
CP 1	2317151.4525	3044321.9520	N41°36'33.16676"	W86°44'54.52147"	813.89	1/2x18" Rebar w/ Blue Cap Stamped 'LAWSON-FISHER'
CP 2	2317340.4271	3044526.5494	N41°36'35.02592"	W86°44'51.81847"	812.63	1/2x18" Rebar w/ Blue Cap Stamped 'LAWSON-FISHER'
CP 3	2317514.6004	3044472.3950	N41°36'36.74879"	W86°44'52.52245"	799.32	1/2x18" Rebar w/ Blue Cap Stamped 'LAWSON-FISHER'
BALL1	2316812.5928	3044281.9273	N41°36'29.82045"	W86°44'55.06567"	N/A	1/2x18" Rebar w/ Blue Cap Stamped 'LAWSON-FISHER'
BALL2	2317083.6103	3044670.6870	N41°36'32.48310"	W86°44'49.93419"	808.34	1/2x18" Rebar w/ Blue Cap Stamped 'LAWSON-FISHER'

Control point elevations are provided for reference. It should be understood that the markers used are subject to vertical movement due to frost heave, vehicle movements and other environmental factors. All horizontal control point elevations are superseded by bench mark elevations.

VERTICAL CONTROL (NAVD 88)						
ID	Elevation	Remarks	Northing	Easting	Latitude	Longitude
TBM A	816.06	Cotton Gin Gear; N. Face LT. P. (565/137); 1.45' Above Grnd. Lvl.	2317136.0	3044376.5	N41°36'33.01"	W86°44'53.80"
TBM B	813.82	Cotton Gin Gear; W. Face LT. P. (No Id.); 1.15' Above Grnd. Lvl.	2317347.7	3044524.6	N41°36'35.10"	W86°44'51.84"
TBM C	806.87	Cotton Gin Gear; W. Face LT. P. (565/138); 1.4' Above Grnd. Lvl.	2317456.0	3044535.0	N41°36'36.17"	W86°44'51.70"

Bench mark horizontal coordinates are provided for reference. It should be understood that the method and means used to establish the horizontal coordinates of the bench marks is not the same class and standard as those used to establish the horizontal control points. The coordinates only serve as an aid in locating the marks and are superseded by horizontal control point coordinates.

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PH. (574) 234-3167

BLAKE WARNER  
REGISTERED PROFESSIONAL ENGINEER  
No. 12100459  
STATE OF INDIANA

*Kevin J. Siedlecki* 12/17/21  
SIGNATURE DATE  
*Blake Warner* 12/17/21  
SIGNATURE DATE

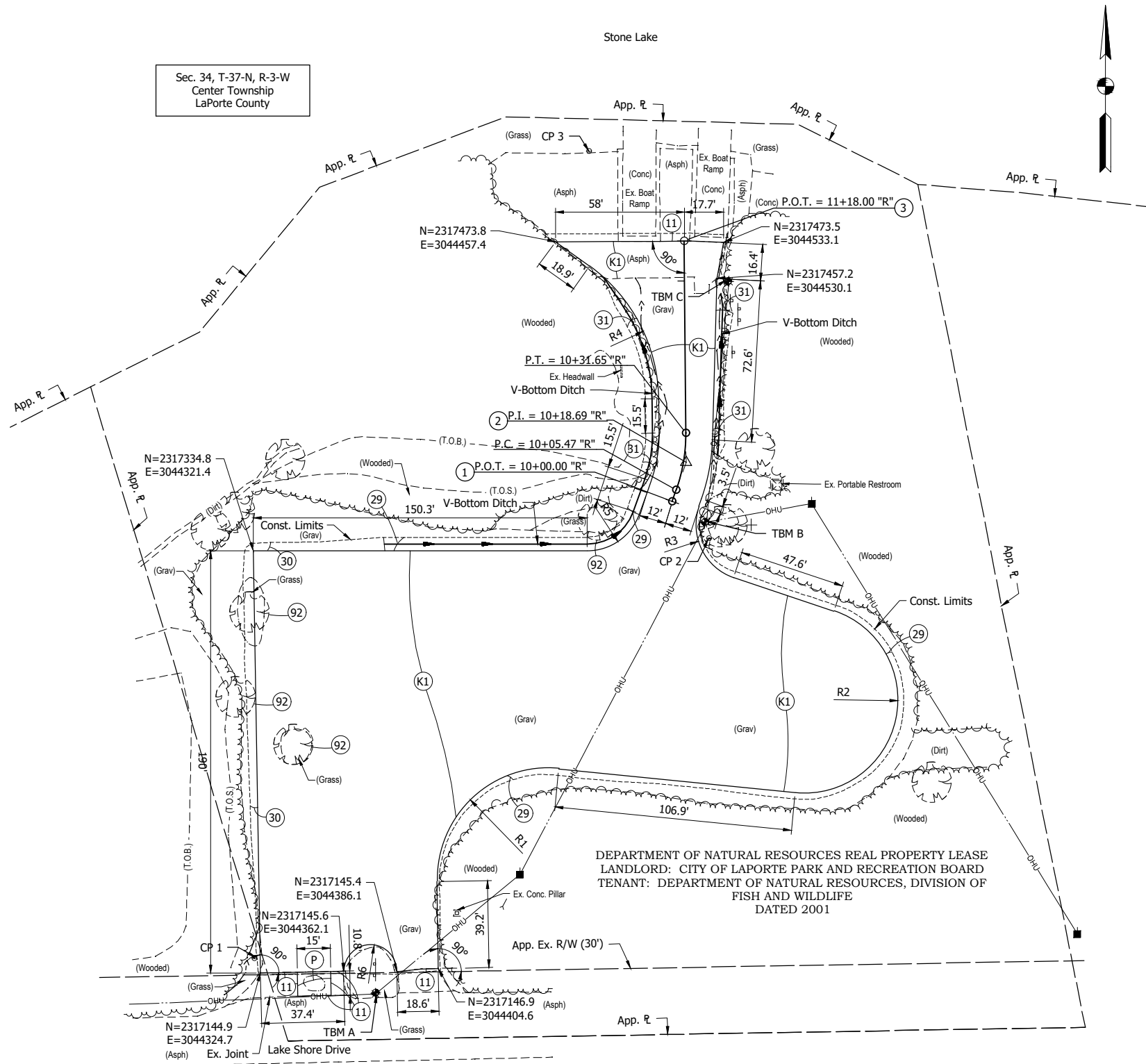
KEVIN J. SIEDECKI  
REGISTERED PROFESSIONAL ENGINEER  
No. 1100677  
STATE OF INDIANA

INDIANA DEPT. OF NATURAL RESOURCES  
STONE LAKE PUBLIC ACCESS SITE  
LOT PAVING  
  
EXISTING CONDITIONS PLAN  
AND SURVEY CONTROL

REVISIONS	HORIZONTAL SCALE	PROJECT NUMBER
	VERTICAL SCALE	202042.10
DRAWN: JAJ	SURVEY BOOK	SHEETS
CHECKED: KJS	DATE	3 OF 6
	DECEMBER 2021	

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Sec. 34, T-37-N, R-3-W  
Center Township  
LaPorte County



DEPARTMENT OF NATURAL RESOURCES REAL PROPERTY LEASE  
LANDLORD: CITY OF LAPORTE PARK AND RECREATION BOARD  
TENANT: DEPARTMENT OF NATURAL RESOURCES, DIVISION OF  
FISH AND WILDLIFE  
DATED 2001

	NORTHING	EASTING
Pt 1	2317356.937	3044509.938
Pt 2	2317362.092	3044511.760
Pt 3	2317387.785	3044516.042

	NORTHING	EASTING	RADIUS
R1	2317175.16	304447.49	50'
R2	2317267.80	3044569.42	42'
R3	2317346.92	3044537.63	25'
R4	2317401.44	3044427.13	75'
R5	2317367.77	3044472.91	25'
R6	2317145.47	3044374.05	12'

**LEGEND:**

- (K1) HMA Parking Lot Pavement, Type B  
165 #/sys HMA, Type "B", Surface on  
275 #/sys HMA, Type "B", Intermediate on  
4-6" Compacted Aggregate, No. 53 on  
Subgrade Treatment, Type III
- (P) HMA Patching (Match Thickness of Existing  
Pavement)
- (11) Sawcut
- (29) Mulched Seeding, Type R
- (30) Cobblestone Trench
- (31) Revetment Riprap
- (92) Remove Tree

**NOTE:**

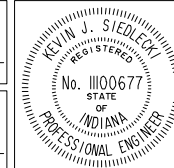
1. Contractor shall be responsible for securing a right-of-way excavation permit from the City of La Porte prior to performing the pavement patch on the western driveway entrance in the City's right-of-way.

**LFA**  
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*Kevin J. Siedlecki* 12/17/21  
SIGNATURE DATE

*Blake Warner* 12/17/21  
SIGNATURE DATE

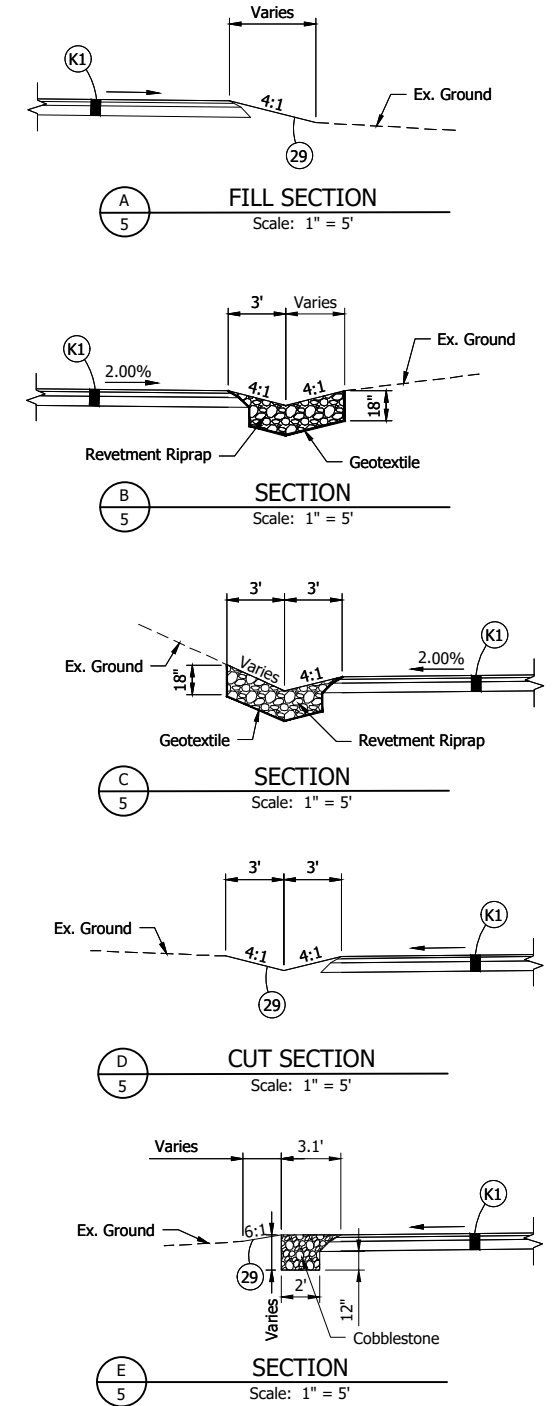
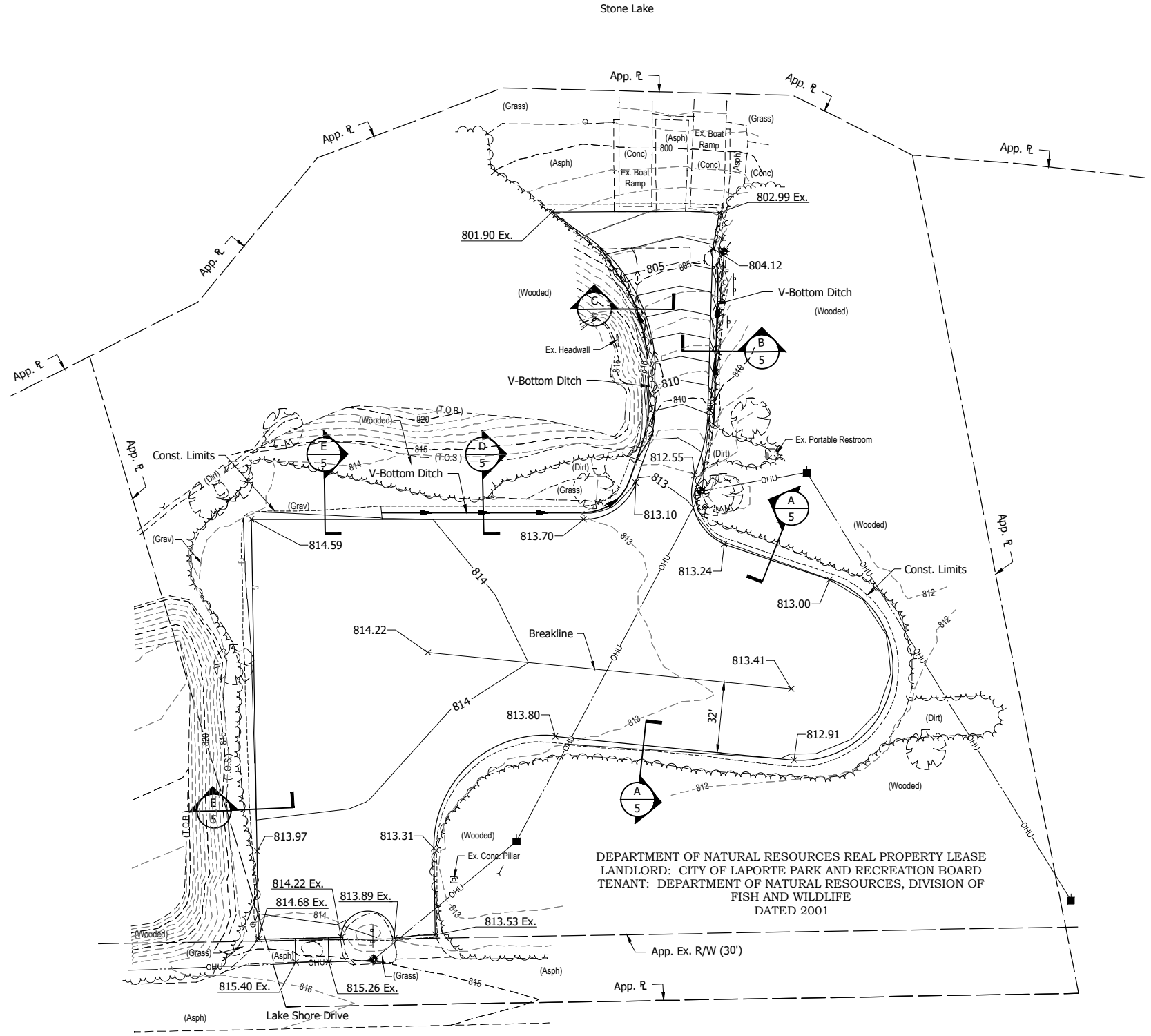


INDIANA DEPT. OF NATURAL RESOURCES  
STONE LAKE PUBLIC ACCESS SITE  
LOT PAVING

SITE PLAN

REVISIONS	HORIZONTAL SCALE 1" = 30'	PROJECT NUMBER 202042.10
DRAWN: JAJ	VERTICAL SCALE	
CHECKED: KJS	SURVEY BOOK DATE DECEMBER 2021	SHEETS 4 OF 6

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EARTHWORK BALANCE	
Site	
Cut	= 27 cys
Fill +25%	= 25 cys
Waste	= 2 cys

For information only. Contractor to confirm quantities.

- LEGEND:**
- (K1) HMA Parking Lot Pavement, Type B  
165 #/sys HMA, Type "B", Surface on  
275 #/sys HMA, Type "B", Intermediate on  
4-6" Compacted Aggregate, No. 53 on  
Subgrade Treatment, Type III
  - (29) Mulched Seeding, Type R
  - 700 — Proposed Contour
  - - 700 - - Existing Contour
  - ✓ 700 Proposed Spot Elevation
  - ✗ 700 Ex. Existing Spot Elevation

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STATE OF INDIANA

*Kevin J. Siedlecki*  
SIGNATURE DATE 12/17/21

*Blake Warner*  
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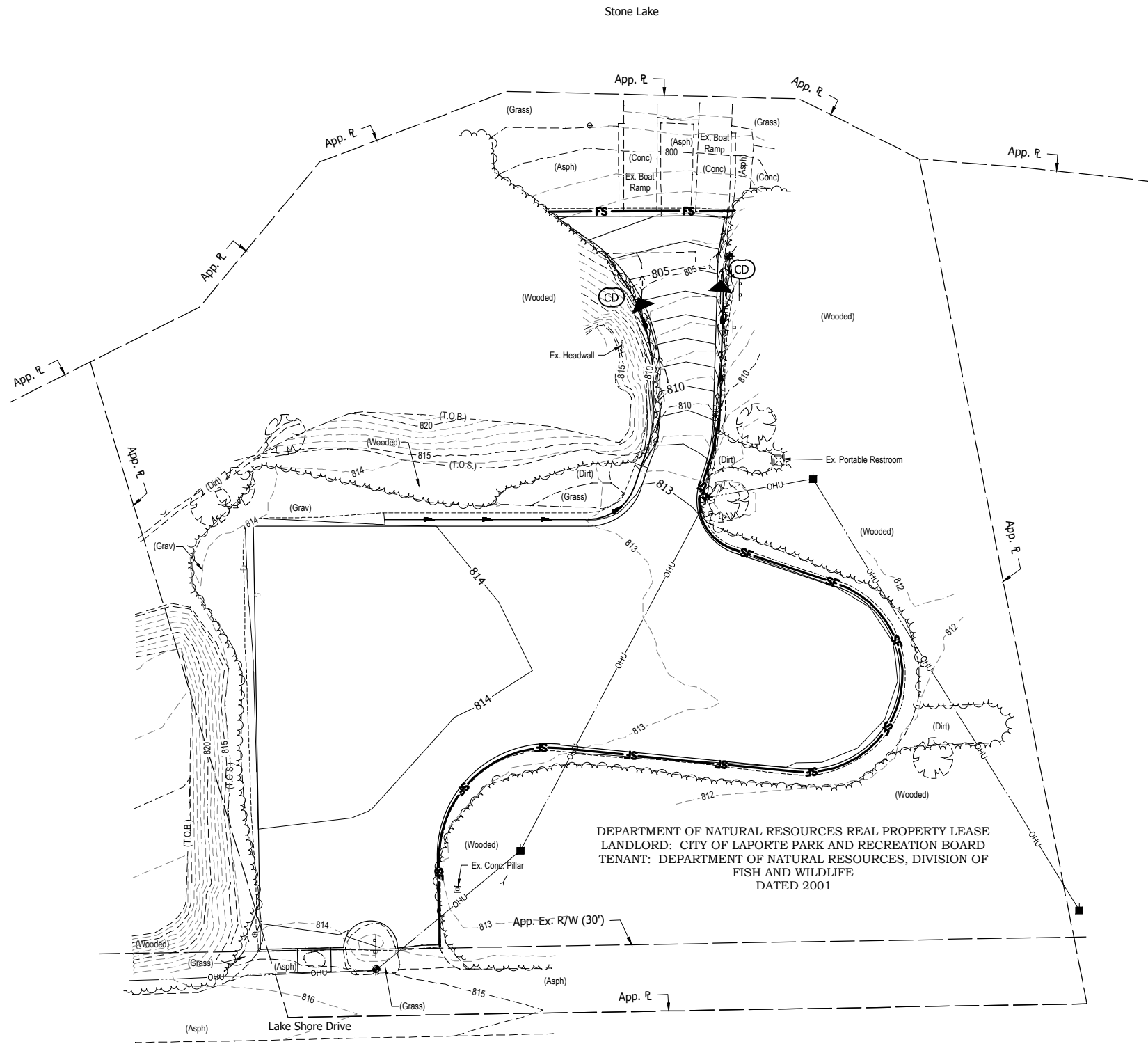
KEVIN J. SIEDELECKI  
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STATE OF INDIANA

INDIANA DEPT. OF NATURAL RESOURCES  
STONE LAKE PUBLIC ACCESS SITE  
LOT PAVING

GRADING PLAN

REVISIONS	HORIZONTAL SCALE 1"=30'	PROJECT NUMBER 202042.10
	VERTICAL SCALE	
DRAWN: JAJ	SURVEY BOOK	SHEETS
CHECKED: KJS	DATE DECEMBER 2021	5 OF 6

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DEPARTMENT OF NATURAL RESOURCES REAL PROPERTY LEASE  
 LANDLORD: CITY OF LAPORTE PARK AND RECREATION BOARD  
 TENANT: DEPARTMENT OF NATURAL RESOURCES, DIVISION OF  
 FISH AND WILDLIFE  
 DATED 2001

**NOTES:**

1. All erosion and sediment control devices are to be checked, maintained, and replaced when needed throughout the entire construction process.
2. The Contractor shall provide a stable construction entrance at the points where construction traffic will drive onto an existing roadway and at concrete washout pit/structures. These entrances will serve the purpose of preventing soil and concrete from leaving the construction area. The final location of the construction entrances/exists shall be determined by the Contractor.
3. Temporary perimeter silt fences or filter socks shall be placed throughout the project to serve as an erosion and sediment control protection measure for any runoff associated with sheet flow that has the potential of leaving the project site or entering the Waters of the U.S.

**LEGEND:**

- Temporary Check Dam
- Temporary Filter Sock
- Temporary Silt Fence

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 REGISTERED PROFESSIONAL ENGINEER  
 No. 1100677  
 STATE OF INDIANA

INDIANA DEPT. OF NATURAL RESOURCES  
 STONE LAKE PUBLIC ACCESS SITE  
 LOT PAVING

EROSION CONTROL PLAN

REVISIONS	HORIZONTAL SCALE 1" = 30'	PROJECT NUMBER 202042.10
DRAWN: JAJ	SURVEY BOOK	SHEETS
CHECKED: KJS	DATE DECEMBER 2021	6 OF 6