

SITE NAME

SITE NO.

2364

CONTRACT NO.

DEL2415208357/E008-367

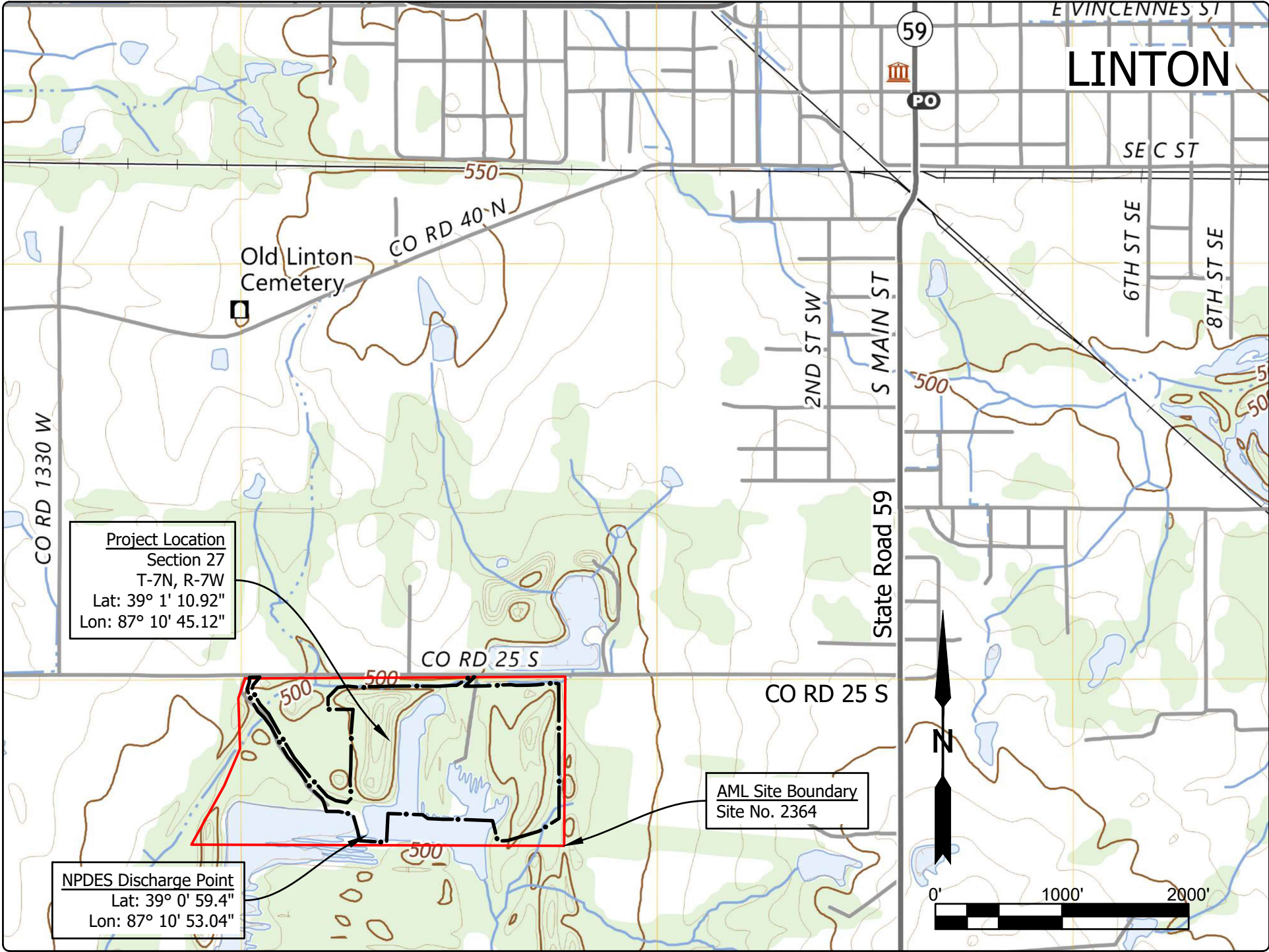
GREENE COUNTY

STATE OF INDIANA
INDIANA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

ABANDONED COAL MINE
RESTORATION

THOUSAND ISLAND
SITE 2364
CONTRACT DEL2415208357/E008-367
GREENE COUNTY

CLEAR AND GRUB, BACKFILL HIGHWALL, IMPROVE DRAINAGE, AND REVEGETATE ALL
DISTURBED AREAS TO ENHANCE WILDLIFE, FISHING, AND RECREATIONAL OPPORTUNITIES



Project Location Map
Linton US TOPO (USGS, 2022)

GENERAL NOTES

2024 AML Standard Specifications to be used with these plans.

Plans developed from aerial topographic mapping survey from 2018 Statewide LiDAR collection in NAD 83, Indiana State Plane West, Feet.

Loose fill shall be placed in the fill areas of the tree planting mix. Loose fill shall consist of a single 4 ft. lift and one pass of a low ground pressure dozer unless otherwise approved by the Engineer.

INDEX

SHEET NO.	SHEET TITLE
1	TITLE, INDEX, & LOCATION MAP
2	SITE MAP
3-6	SITE PLANS
7	REVEGETATION PLAN & DETAILS
8	SECTIONS & DETAILS

UTILITIES

The facilities of the following utilities exist near the project site but are not expected to be affected by the proposed construction. If questions arise, the utility may be contacted using the information below.

ELECTRIC: Duke Energy 10 S Mill Creek Rd Noblesville, IN 46062 Phone: (317) 776-5320	TELECOM: AT&T 240 N. Meridian St. Indianapolis, IN 46204 (317) Phone: 610-5450
ELECTRIC: UTILITIES DIST. OF WESTERN INDIANA R.E.M.C. PO Box 427 Bloomfield, IN 47424 Phone: (812) 384-4446	WATER/SANITARY/NATURAL GAS/ELECTRIC: Linton Municipal Utilities 86 S Main Street Linton, IN 47441 Phone: (812) 847-4971



PLANS
PREPARED BY: INDIANA DEPARTMENT OF NATURAL RESOURCES DIVISION OF RECLAMATION (812) 665-2207
PHONE NUMBER
CERTIFIED BY: Caleb A. Williams 02/06/2025
DATE
APPROVED FOR LETTING: [Signature] 02/06/2025
DATE
DIVISION OF RECLAMATION


SCALE
AS NOTED

PROJECT
E008-367

SHEET
1 OF 8

SITE
2364



					RECOMMENDED FOR APPROVAL: <i>Caleb A. Williams</i> 02/06/2025 DATE	DATE MADE 10/29/2024	SITE MAP	SCALE 1" = 120'	SHEET 2 OF 8
			DESIGNED BY C.A.W.	DRAWN BY C.A.W.	DATE REVISED 2/6/2025 11:43:46 AM	STATE OF INDIANA DEPARTMENT OF NATURAL RESOURCES DIVISION OF RECLAMATION		PROJECT E008-367	SITE 2364

- Notes:
1. Loose fill shall be placed in the fill areas of the tree planting mix. Loose fill shall consist of a single, 4 foot lift and one pass of a low ground pressure dozer unless otherwise approved by the Engineer.
 2. Any cut/fill adjustments shall occur within the designated areas and must not create any grades that exceed 4 to 1 slopes and must maintain positive drainage patterns away from the adjustment areas. All significant adjustments in elevation and grade shall require approval of the Engineer.
 3. Center line and profile reports for all ditches are provided within the Special Provisions of the Contract Documents.

EXCAVATE AND INSTALL CONSTRUCTION ENTRANCE WITH 12 INCHES OF NO. 2 COARSE AGGREGATE ON GEOTEXTILE, RESHAPE AND TOP WITH NO. 53 COARSE AGGREGATE PRIOR TO PROJECT COMPLETION THE CONSTRUCTION ENTRANCE SHALL BE 50 FEET IN WIDTH AT W 25 S AND TAPER TO 16 FEET IN WIDTH OVER A DISTANCE OF APPROXIMATELY 25 FEET.

GRADING LIMITS:
CLEAR AND GRUB, CHIP TREES AND INCORPORATE USING A SPREADER PRIOR TO REVEGETATION, PLACE STUMPS IN DISPOSAL AREAS AS SHOWN OR AS DIRECTED BY THE ENGINEER, PLACE BOULDERS IN A SINGLE PILE PER 3 ACRES AT A LOCATION APPROVED BY THE ENGINEER, REGRADE, LOOSE FILL 4 FT DEEP FROM FINAL GRADE, AND REVEGETATE AS NOTED ON THE REVEGETATION PLAN.

ADD RIPRAP AS NEEDED TO PROTECT AGAINST SCOURING

114' x 40' CONCRETE PARKING AREA (SEE DETAILS 5 AND PS, SHEET 7)

BOAT ACCESS (SEE DETAIL BA, SHEET 8)

50YD x 70YD ARCHERY RANGE, 1% SLOPE TOWARDS PIT 1% TO 2% CROSS SLOPE

EX. CULVERT DS INV: 490

W 25 S

W 25 S

DITCH, LINE A, 529 LF (SEE DETAIL 1, SHEET 7)

DITCH, LINE B, 594 LF (SEE DETAIL 1, SHEET 7)

DITCH, LINE C, 204 LF (SEE DETAIL 2, SHEET 7)

Legend

- | | |
|-----------------------------|------------------------------|
| Existing Contour | Proposed Contour |
| Existing Spot Elevation | Non-Interval Bottom Elev. |
| Exist. Bathymetric Contour | Project Limits |
| Existing Tree Line | Grading Limits |
| Existing Water | Proposed Water |
| Underground Mine (CMIS) | Ditch Centerline |
| Existing Building/Structure | Riprap Feature |
| Existing Paved Road/Drive | Aggregate Feature |
| Exist. Unpaved Road/Drive | Unpaved Feature |
| Existing Fence | Cut/Fill Adjustment Area |
| Existing Guardrail | Disposal (material as noted) |
| Utility Pole | Staging Area |
| Site Access | Access Gate - Project Sign |

CMIS - Coal Mine Information System
(<https://www.in.gov/dnr/reclamation/abandoned-mines/coal-mine-information-system>)

0' 100' 200'

Water Level 478.44'

Water Level 484.30'

10' WIDE BENCH WITH 2% SLOPE TOWARDS PIT

10' WIDE UNDERWATER BENCH WITH 4:1 SLOPE TOWARDS PIT

TURBIDITY CURTAIN, 250 LFT, IN ACCORDANCE WITH INDOT RECURRING SPECIAL PROVISION 205-C-231 AND 205-C-231D, MAX. WATER DEPTH 10'

APPROXIMATELY 10' WIDE UNDERWATER BENCH AT 474'

10' WIDE BENCH WITH 2% SLOPE TOWARDS PIT

TEMPORARY DAM, DEWATER GRADING LIMITS ONLY

Stump Disposal

CMIS MINE NUMBER 800696



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SITE PLAN

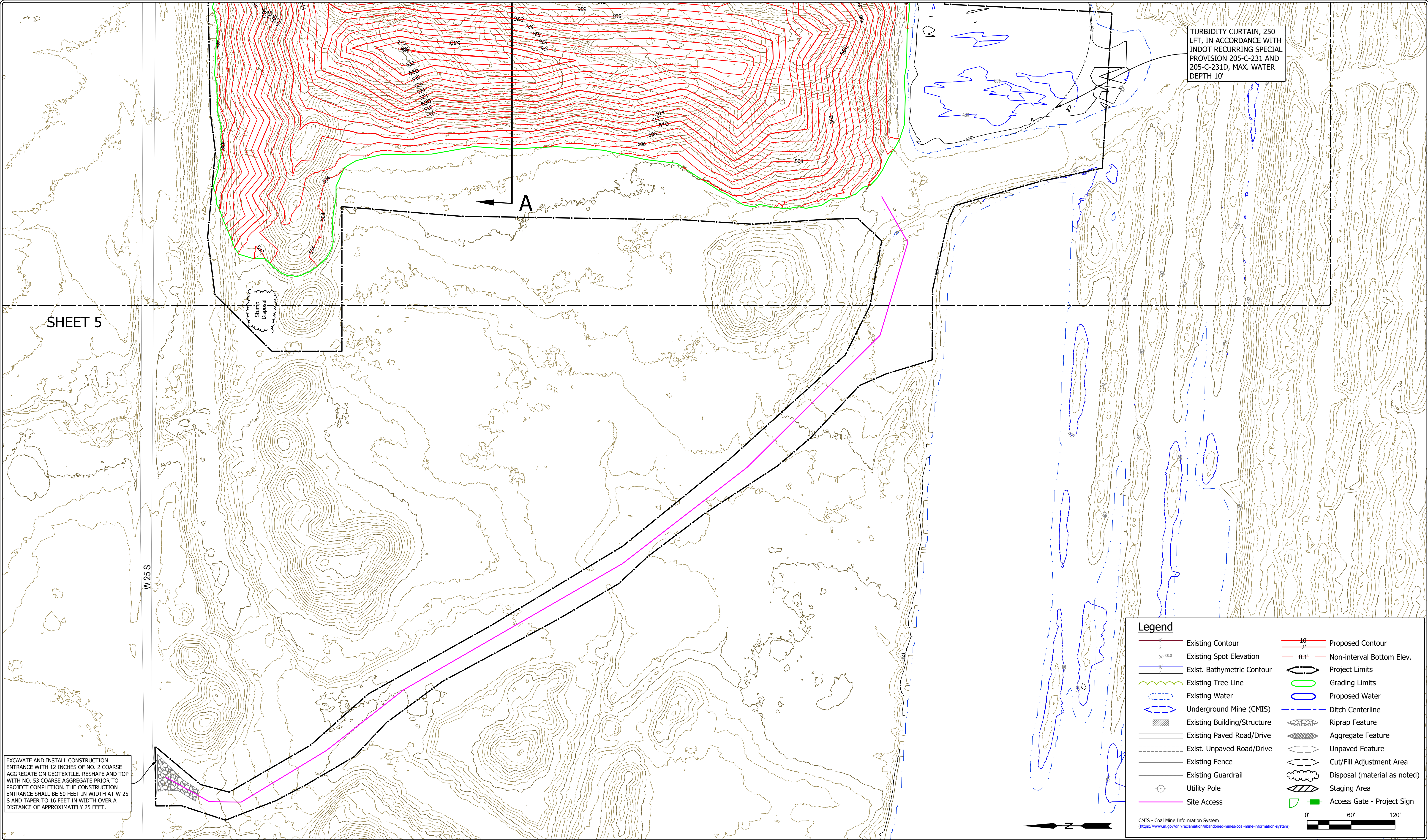
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SCALE
1" = 100'

PROJECT
E008-367

SHEET
3 OF 8

SITE
2364

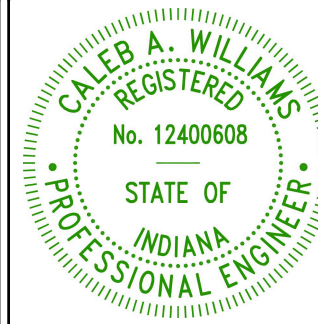


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TURBIDITY CURTAIN, 250 LFT, IN ACCORDANCE WITH INDOT RECURRING SPECIAL PROVISION 205-C-231 AND 205-C-231D, MAX. WATER DEPTH 10'

SHEET 5

W 25 S



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SITE PLAN

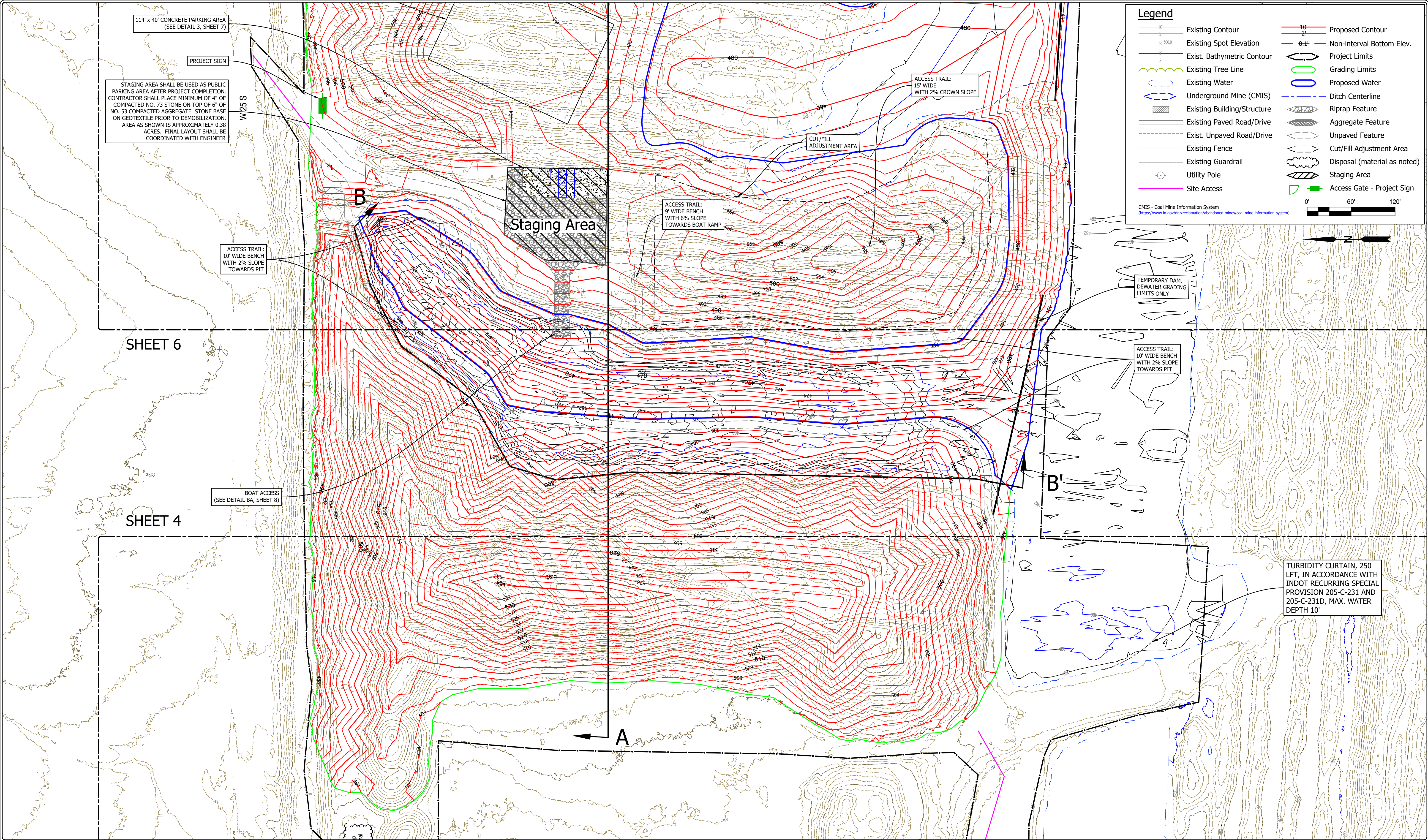
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SCALE
1" = 60'

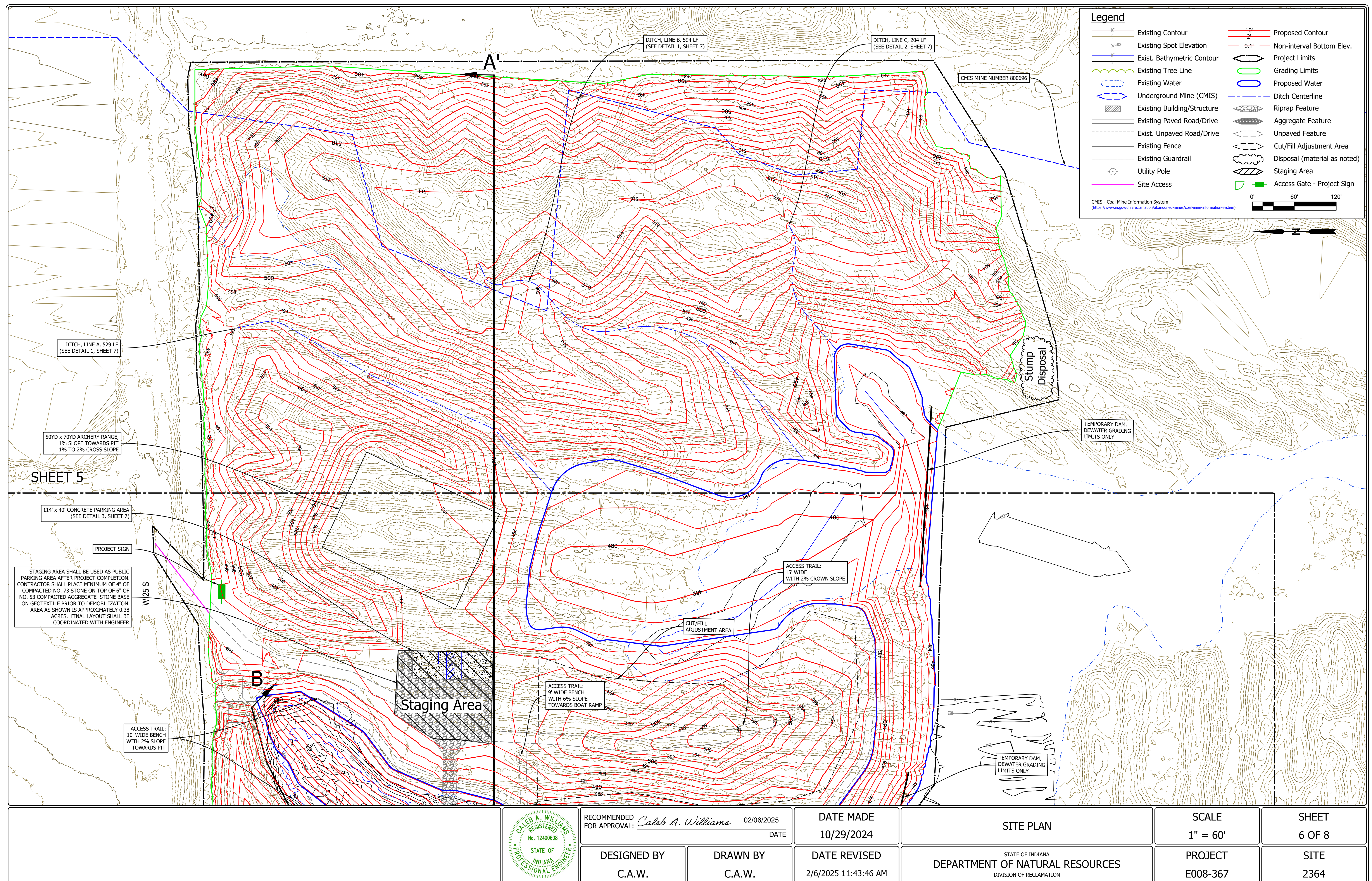
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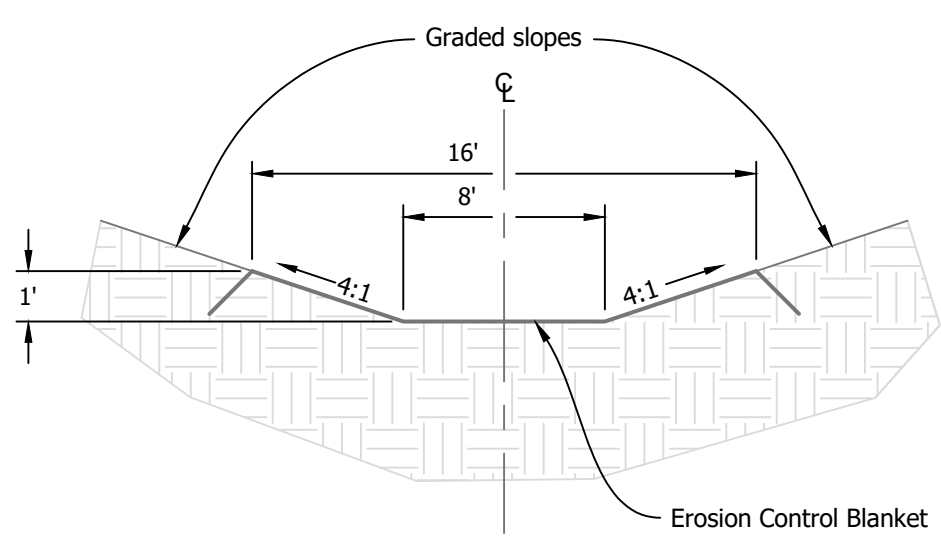
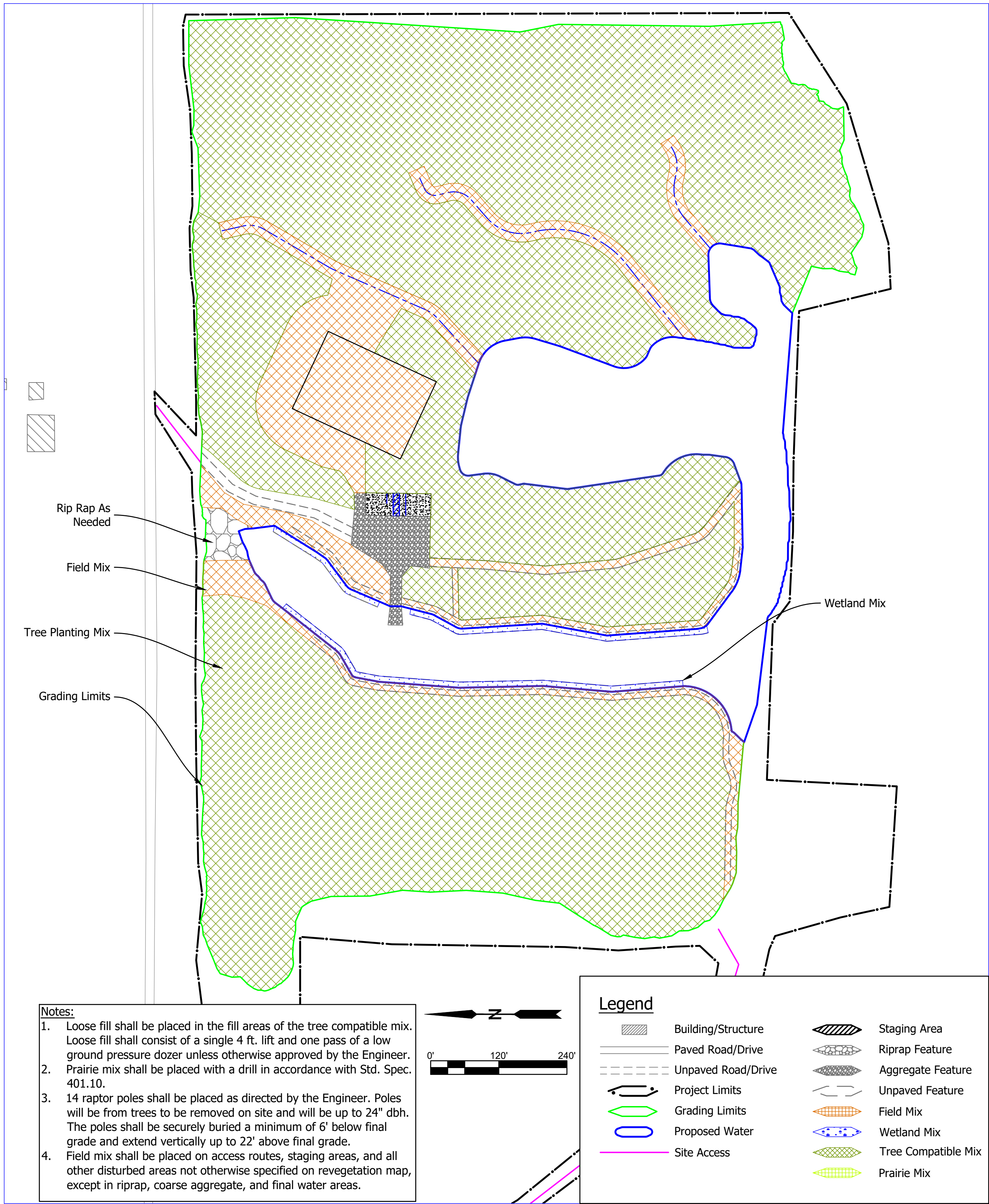
SHEET
4 OF 8

SITE
2364

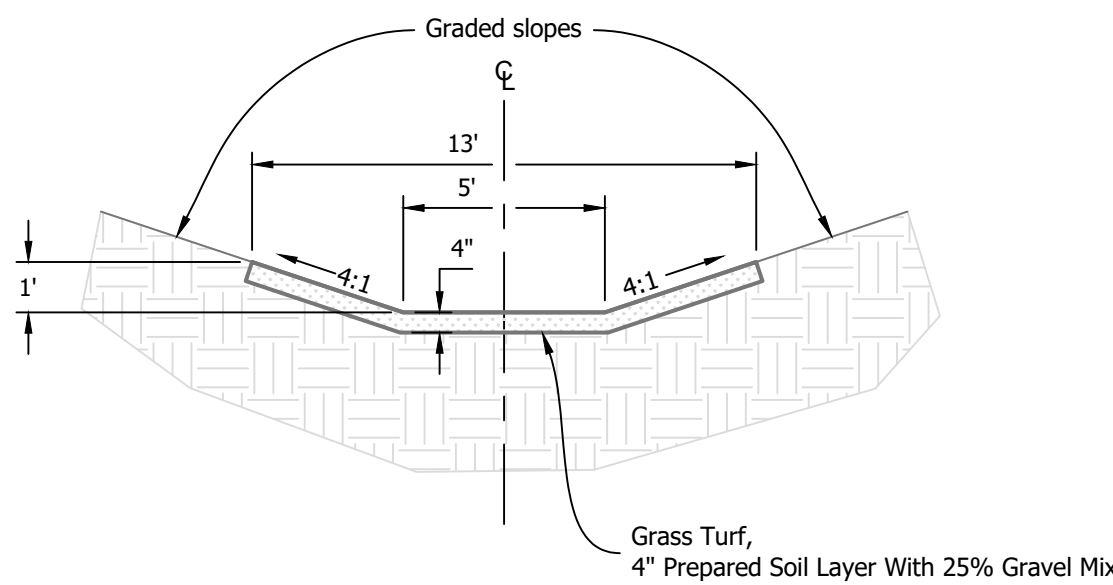


					RECOMMENDED FOR APPROVAL: <u>Caleb A. Williams</u> 02/06/2025 DATE	DATE MADE 10/29/2024	SITE PLAN	SCALE 1" = 60'	SHEET 5 OF 8
			DESIGNED BY C.A.W.		DRAWN BY C.A.W.	DATE REVISED 2/6/2025 11:43:46 AM		PROJECT E008-367	SITE 2364
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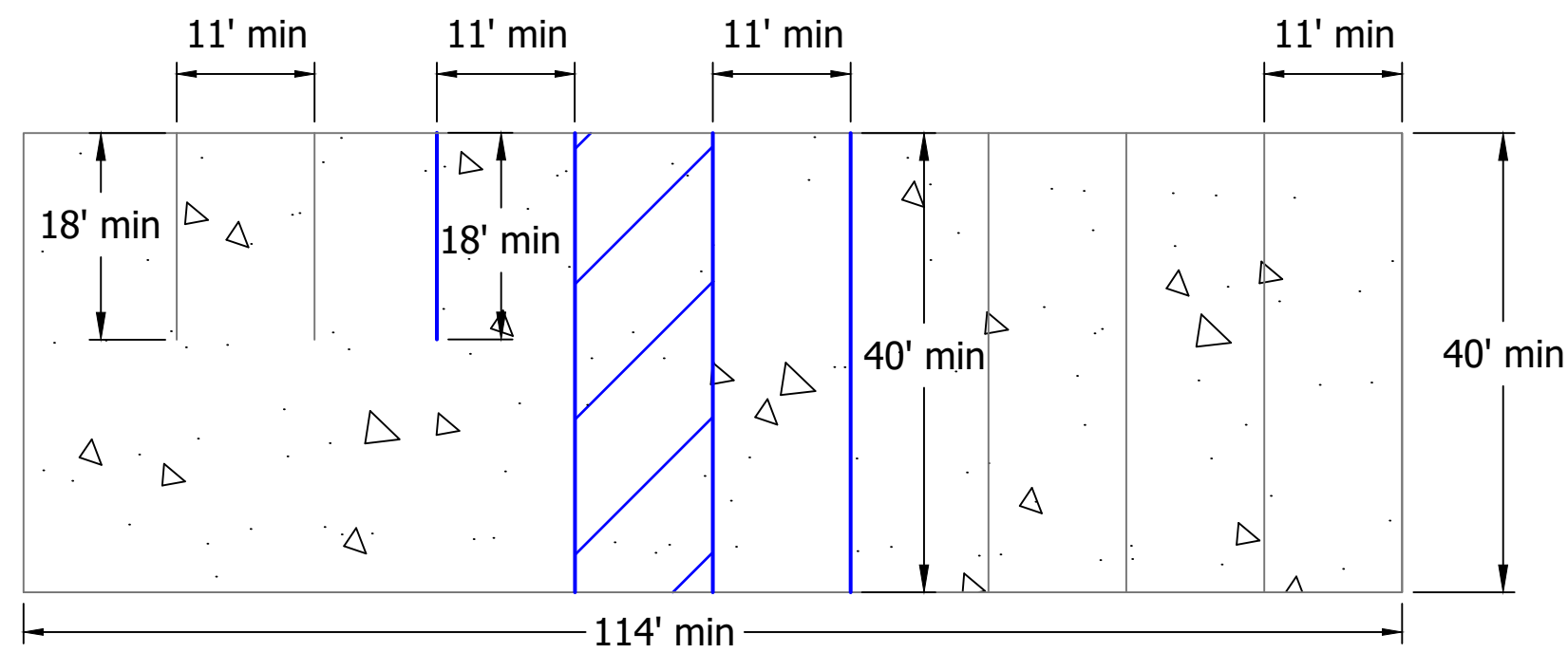


1 Ditch Lines A and B, Type I
Not to Scale



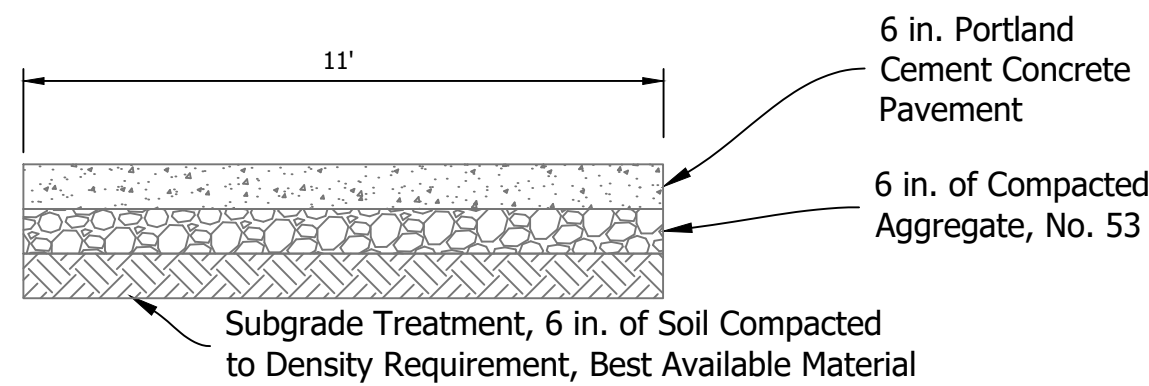
- Note:
- Gravel Mix to consist of INDOT #8's
 - Gravel Mix to be applied at 0.05 ton/yd²
 - Gravel Mix to be raked or disked into soil

2 Ditch Line C, Type II
Not to Scale



- Notes:
- Spaces to be painted 3" white thermoplastic unless specified
 - ADA spaces to be painted 3" blue thermoplastic
- Proposed Parking:
- (4) 11'x40' Boat Spaces
 - (3) 11'x18' Standard Parking Spaces
 - (1) 11'x40' ADA Boat Space with access aisle
 - (1) 11'x18' ADA Space

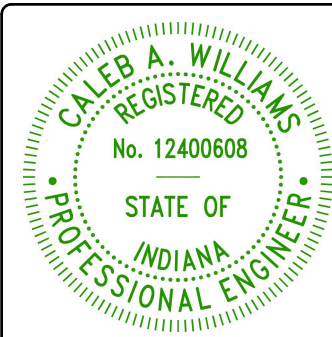
3 Parking Area
Not to Scale



- Notes:
- Parking space shall be 40' or 18' long unless otherwise noted
 - For ADA spaces, accessible parking sign (MUTCD R7-8) shall be placed at front of space at 60" above final grade.
 - Signs shall be mounted on Type A, U-channel (INDOT 910.14) with an embedment length of 3'-6"
 - Max slope of 2%, min slope of 1%

PS Parking Space w/ Accessible Sign
Not to Scale

RV Revegetation Plan
1" = 120'



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REVEGETATION & DETAILS

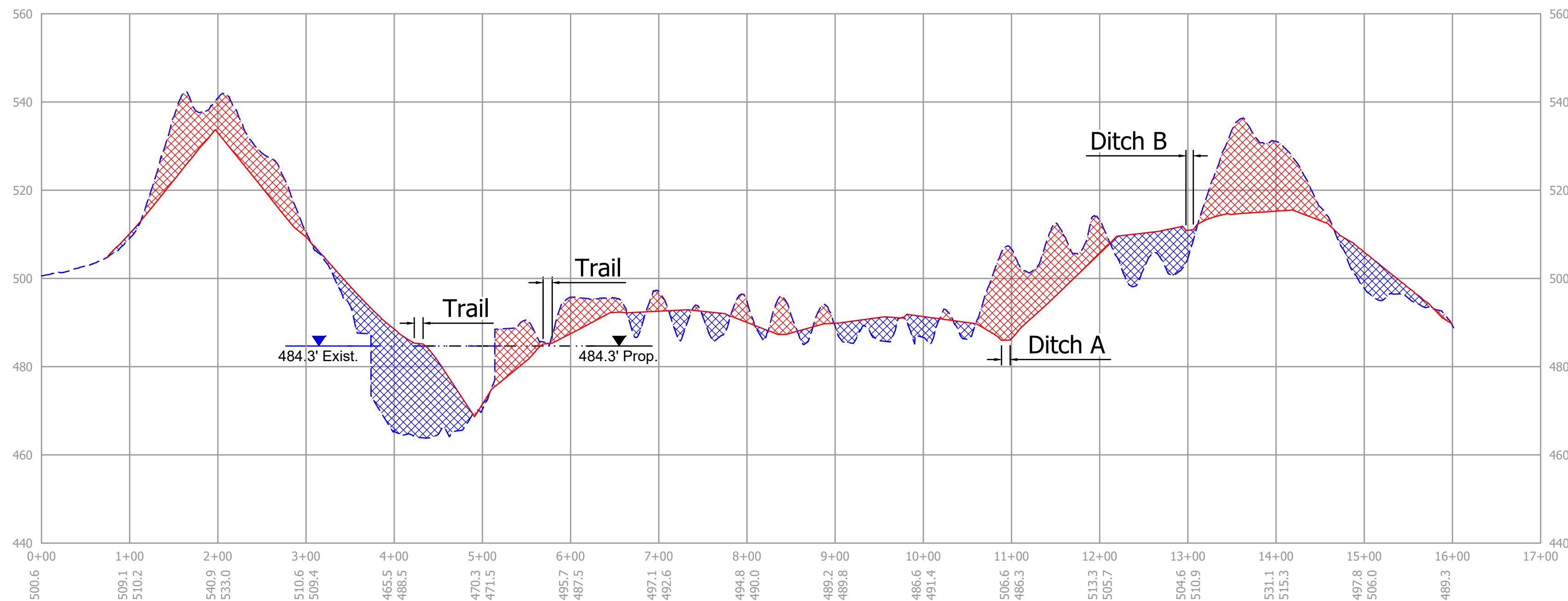
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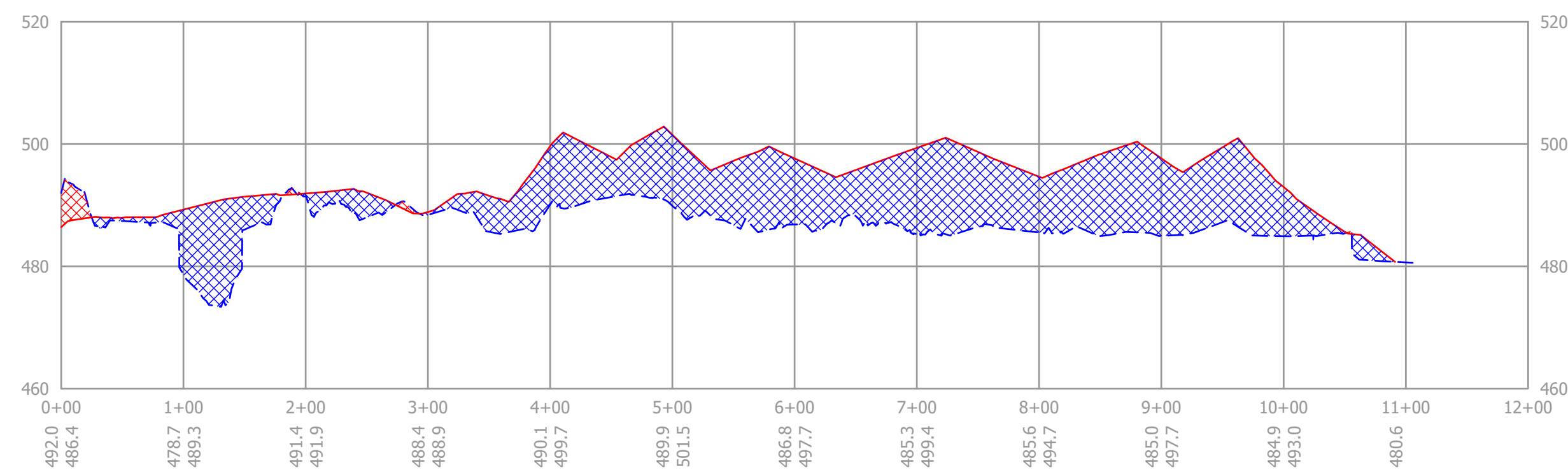
PROJECT
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SHEET
7 OF 8

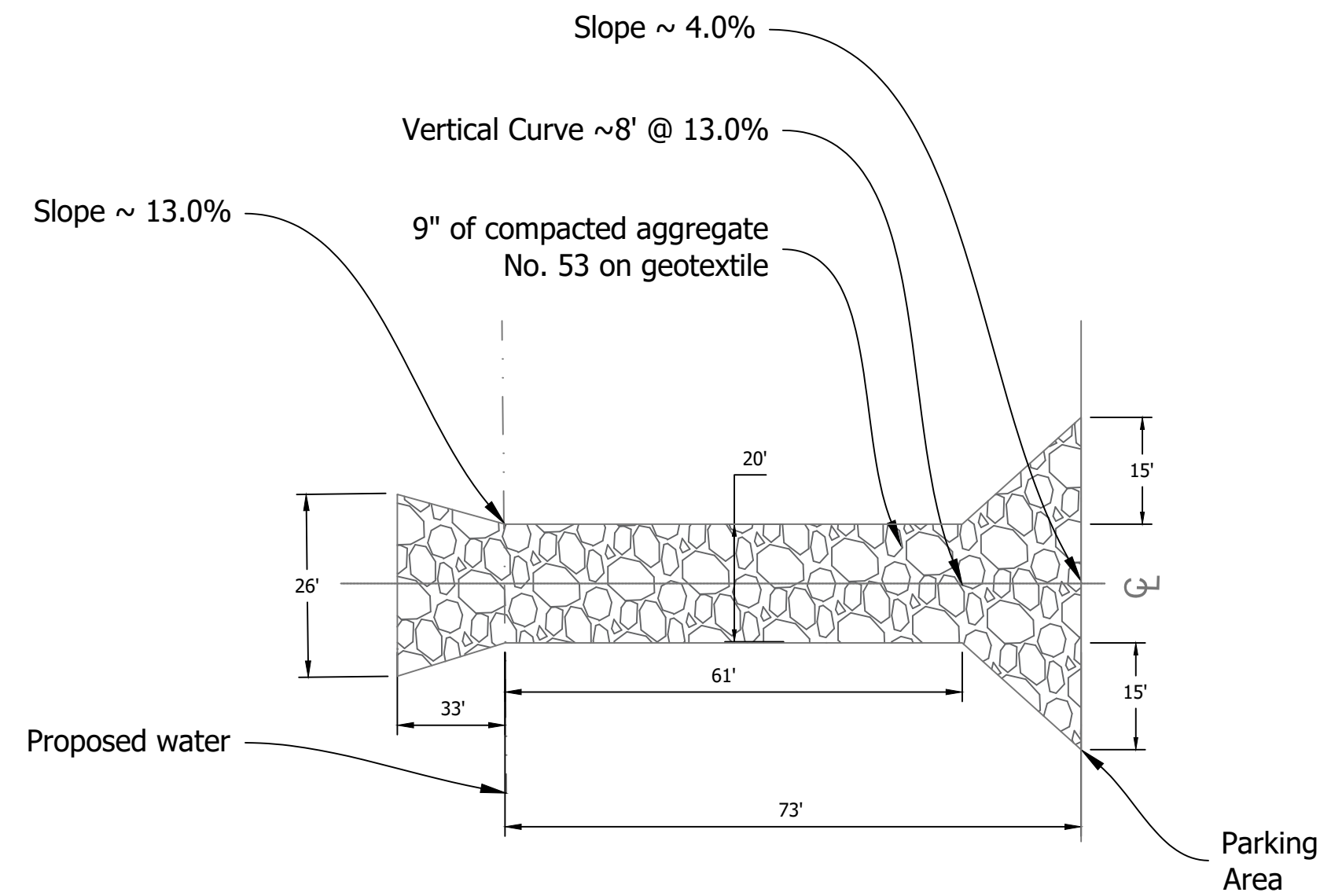
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A Section A-A'
1" = 100' H, 20' V

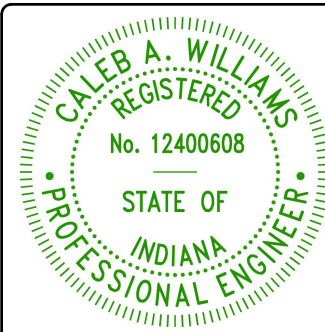


B Section B-B'
1" = 100' H, 20' V



BA Boat Access
Not to Scale

SC Sections
As Noted



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SECTIONS & DETAILS
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SHEET
8 OF 8

SITE
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