



Indiana Department of Environmental Management

Office of Water Quality

Waterways Section

Publication Date:

July 20, 2026

IDEM Permit Number:

WQC001455

PUBLIC NOTICE

Closing Date:

August 10, 2026

Corps of Engineers ID Number:

N/A

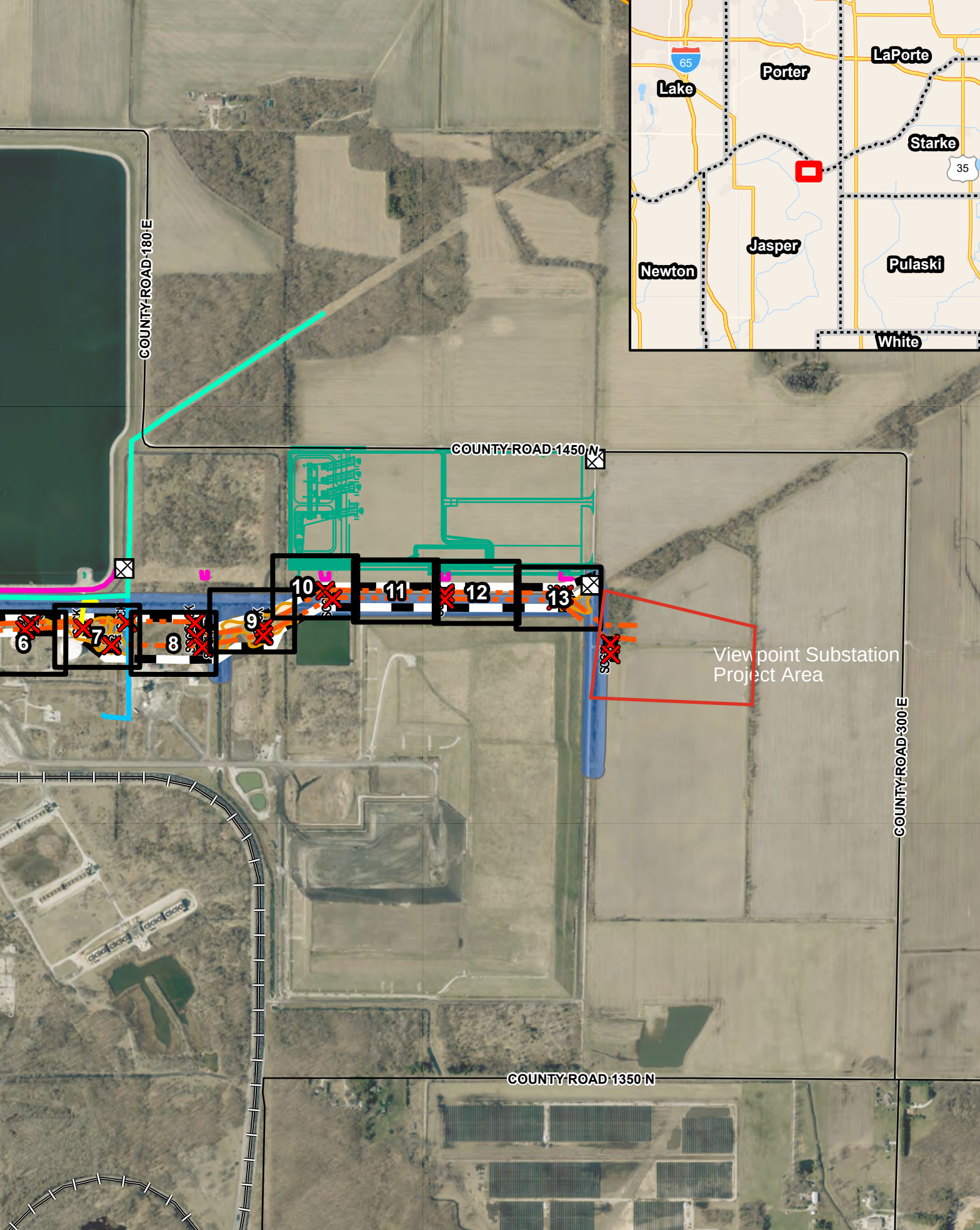
To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for Section 401 Water Quality Certification by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- | | | | |
|--------------------------------|--|------------------|--|
| 1. Applicant: | Paul Frohnapple
NIPSCO
801 E. 86th Avenue
Suite 700
Merrillville, IN, 46410 | 2. Agent: | Tim Meeks
Atwell LLC
Two Towne Square
Southfield, Mi 48076, IN, 46614 |
| 3. Project Location: | Wheatfield, IN, 46392
Latitude: 41.2182
Longitude: -86.9966 | | |
| 4. Affected Waterbody: | Approximately 180 linear feet (1ft) of Davis Ditch will be permanently impacted. | | |
| 5. Project Description: | The proposed project seeks to install two crossings over Davis Ditch to facilitate construction access for a new high-voltage substation and supporting infrastructure westward along the utility corridor.
For additional information visit the Regulatory ePortal at: https://waterquality.idem.in.gov | | |

- | | |
|------------------------|---|
| Comment Period: | Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process. |
| Public Hearing: | Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted. |
| Questions? | Submit requests for additional information and written comments to WaterwaysComments@idem.IN.gov
In the subject line of the email, please include the IDEM ID Number listed in the top right corner of the first page of this public notice. Indicate if you wish to receive a copy of IDEM's final decision. Comments and inquiries may also be forwarded to - |

Office of Water Quality
Indiana Department of Environmental Management
100 North Senate Avenue, IGCN 1255
Indianapolis, Indiana 46204-2251



MSource

- Construction Access
- Pole - Proposed (28)
- Electric Lines
- 20 Inch Gas (Main)
- 20 Inch Gas (Main B)
- Anticipated Oil Line
- Barrier Fence
- Gas Peaker Plant
- Flow Direction
- Filter Sock
- Named NHD Stream
- Local Road
- Spoils Storage
- Tree Work Area
- Managed Land
- Staging Area
- Future Treatment Plant Area
- Limit of Disturbance
- Substation Area
- Ordinary High Water Mark (75ft Buffer)
- Construction Work Area



0 500 1,000
1 IN = 1,000 FT

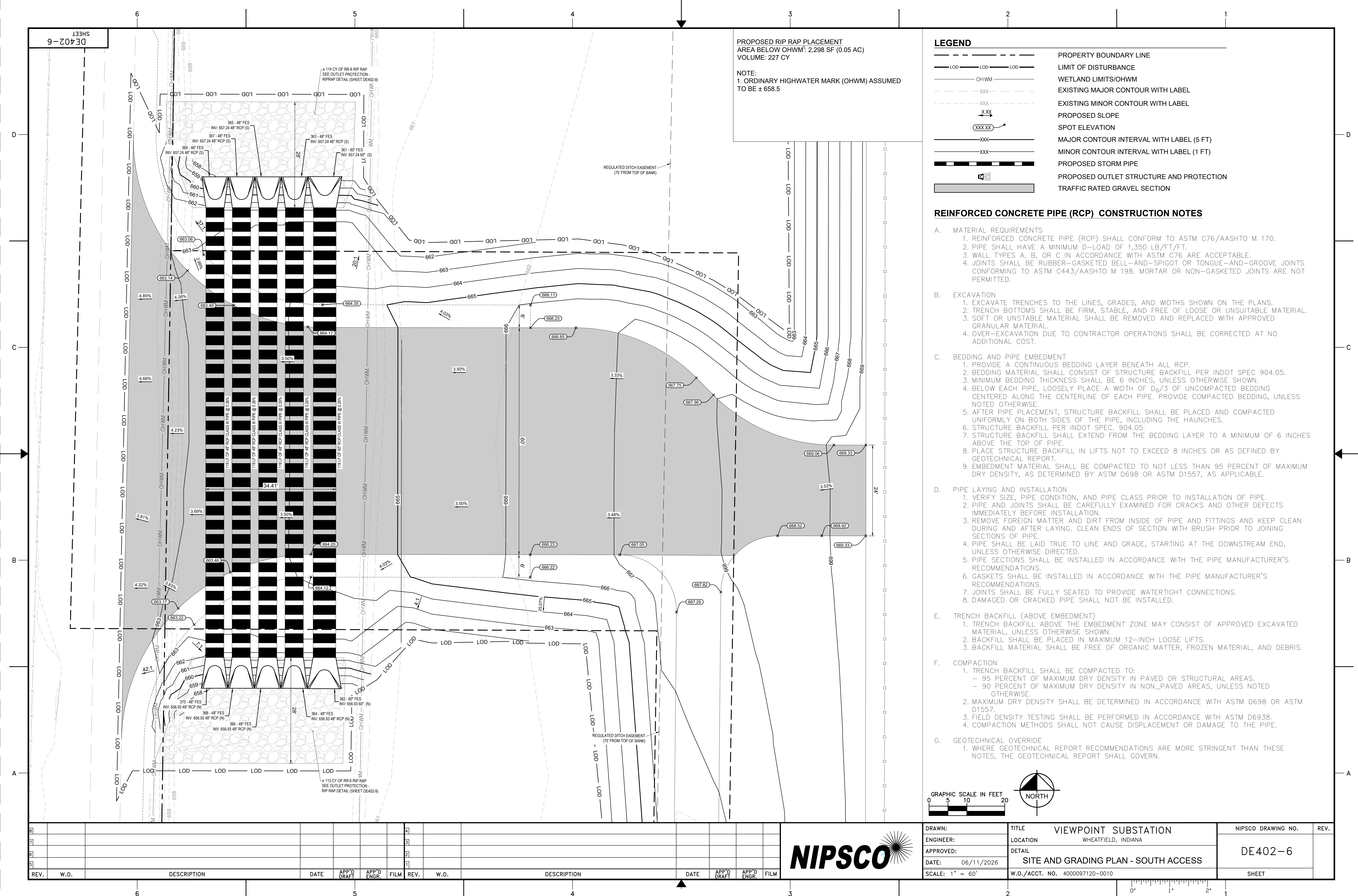
DESIGNED BY	ATWELL	2/2/2026	X
DRAWN BY	ATWELL	2/2/2026	X
CHECKED BY	NRP	2/2/2026	X
AS-BUILT BY			X
	NAME	DATE	PHONE

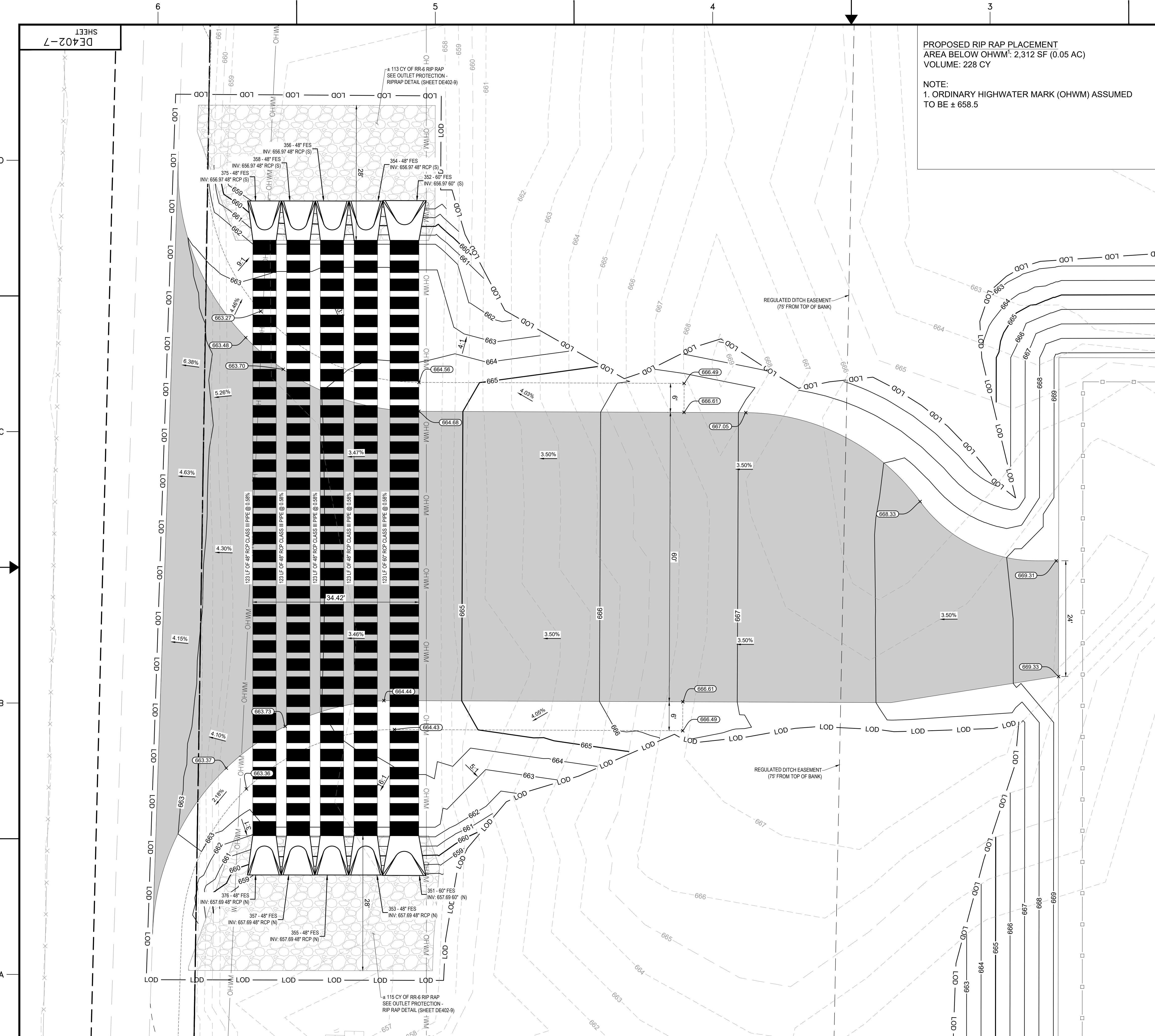
SITE NAME:
PROJECT ID# 25008072

Water and Electric Infrastructure Improvements

DRAWING TITLE:
Location Vicinity

DRAWING NO:
Viewpoint Sub





PROPOSED RIP RAP PLACEMENT
AREA BELOW OHWM: 2,312 SF (0.05 AC)
VOLUME: 228 CY

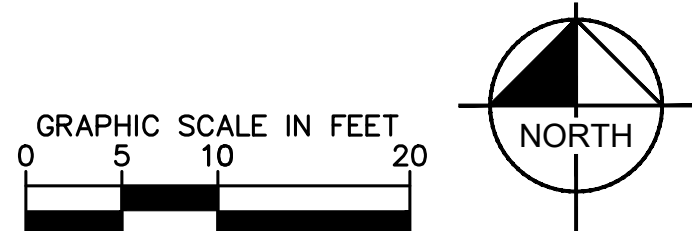
NOTE:
1. ORDINARY HIGHWATER MARK (OHWM) ASSUMED
TO BE ± 658.5

LEGEND

- PROPERTY BOUNDARY LINE
- LIMIT OF DISTURBANCE
- WETLAND LIMITS/OHWM
- EXISTING MAJOR CONTOUR WITH LABEL
- EXISTING MINOR CONTOUR WITH LABEL
- PROPOSED SLOPE
- SPOT ELEVATION
- MAJOR CONTOUR INTERVAL WITH LABEL (5 FT)
- MINOR CONTOUR INTERVAL WITH LABEL (1 FT)
- PROPOSED STORM PIPE
- PROPOSED OUTLET STRUCTURE AND PROTECTION
- TRAFFIC RATED GRAVEL SECTION

REINFORCED CONCRETE PIPE (RCP) CONSTRUCTION NOTES

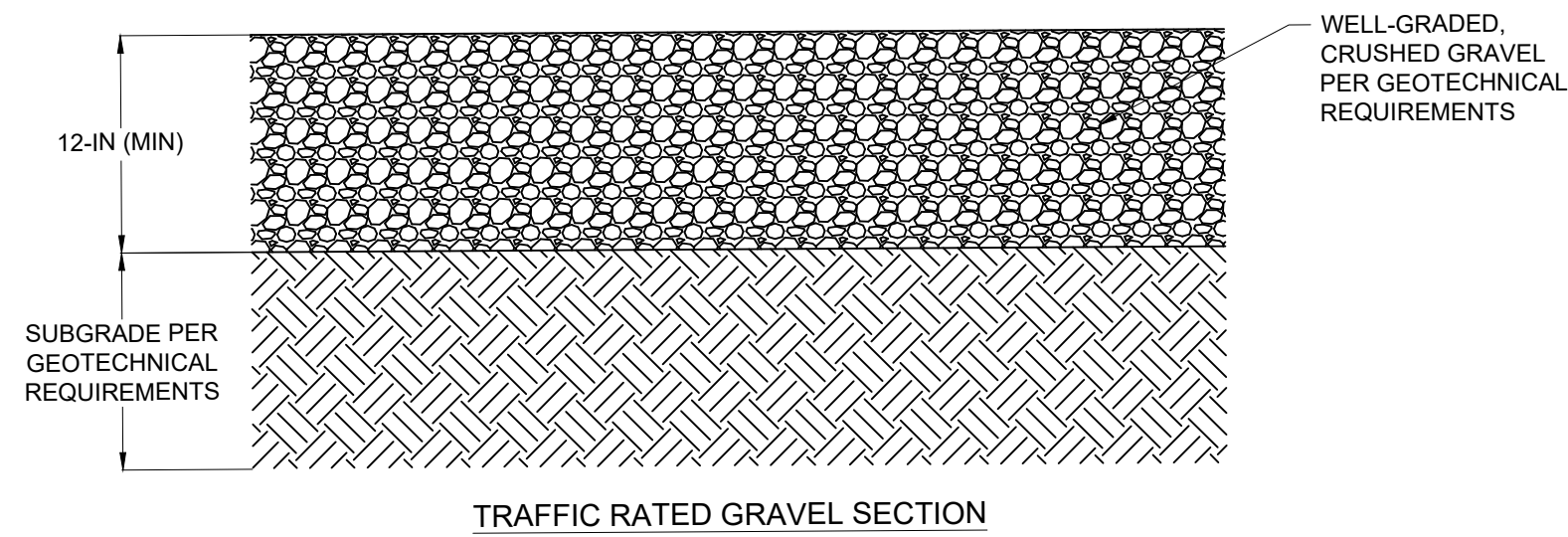
- MATERIAL REQUIREMENTS
 - REINFORCED CONCRETE PIPE (RCP) SHALL CONFORM TO ASTM C76/AASHTO M 170.
 - PIPE SHALL HAVE A MINIMUM D-LOAD OF 1,350 LB/FT/FT.
 - WALL TYPES A, B, OR C IN ACCORDANCE WITH ASTM C76 ARE ACCEPTABLE.
 - JOINTS SHALL BE RUBBER-GASKETED BELL-AND-SPIGOT OR TONGUE-AND-GROOVE JOINTS CONFORMING TO ASTM C443/AASHTO M 198. MORTAR OR NON-GASKETED JOINTS ARE NOT PERMITTED.
- EXCAVATION
 - EXCAVATE TRENCHES TO THE LINES, GRADES, AND WIDTHS SHOWN ON THE PLANS.
 - TRENCH BOTTOMS SHALL BE FIRM, STABLE, AND FREE OF LOOSE OR UNSUITABLE MATERIAL.
 - SOFT OR UNSTABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH APPROVED GRANULAR MATERIAL.
 - OVER-EXCAVATION DUE TO CONTRACTOR OPERATIONS SHALL BE CORRECTED AT NO ADDITIONAL COST.
- BEDDING AND PIPE EMBEDMENT
 - PROVIDE A CONTINUOUS BEDDING LAYER BENEATH ALL RCP.
 - BEDDING MATERIAL SHALL CONSIST OF STRUCTURE BACKFILL PER INDOT SPEC 904.05.
 - MINIMUM BEDDING THICKNESS SHALL BE 6 INCHES, UNLESS OTHERWISE SHOWN.
 - BELOW EACH PIPE, LOOSELY PLACE A WIDTH OF $D_o/3$ OF UNCOMPACTED BEDDING CENTERED ALONG THE CENTERLINE OF EACH PIPE. PROVIDE COMPACTED BEDDING, UNLESS NOTED OTHERWISE.
 - AFTER PIPE PLACEMENT, STRUCTURE BACKFILL SHALL BE PLACED AND COMPACTED UNIFORMLY ON BOTH SIDES OF THE PIPE, INCLUDING THE HAUNCHES.
 - STRUCTURE BACKFILL PER INDOT SPEC. 904.05.
 - STRUCTURE BACKFILL SHALL EXTEND FROM THE BEDDING LAYER TO A MINIMUM OF 6 INCHES ABOVE THE TOP OF PIPE.
 - PLACE STRUCTURE BACKFILL IN LIFTS NOT TO EXCEED 8 INCHES OR AS DEFINED BY GEOTECHNICAL REPORT.
 - EMBEDMENT MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF MAXIMUM DRY DENSITY, AS DETERMINED BY ASTM D698 OR ASTM D1557, AS APPLICABLE.
- PIPE LAYING AND INSTALLATION
 - VERIFY SIZE, PIPE CONDITION, AND PIPE CLASS PRIOR TO INSTALLATION OF PIPE.
 - PIPE AND JOINTS SHALL BE CAREFULLY EXAMINED FOR CRACKS AND OTHER DEFECTS IMMEDIATELY BEFORE INSTALLATION.
 - REMOVE FOREIGN MATTER AND DIRT FROM INSIDE OF PIPE AND FITTINGS AND KEEP CLEAN DURING AND AFTER LAYING. CLEAN ENDS OF SECTION WITH BRUSH PRIOR TO JOINING SECTIONS OF PIPE.
 - PIPE SHALL BE LAID TRUE TO LINE AND GRADE, STARTING AT THE DOWNSTREAM END, UNLESS OTHERWISE DIRECTED.
 - PIPE SECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS.
 - GASKETS SHALL BE INSTALLED IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS.
 - JOINTS SHALL BE FULLY SEATED TO PROVIDE WATERTIGHT CONNECTIONS.
 - DAMAGED OR CRACKED PIPE SHALL NOT BE INSTALLED.
- TRENCH BACKFILL (ABOVE EMBEDMENT)
 - TRENCH BACKFILL ABOVE THE EMBEDMENT ZONE MAY CONSIST OF APPROVED EXCAVATED MATERIAL, UNLESS OTHERWISE SHOWN.
 - BACKFILL SHALL BE PLACED IN MAXIMUM 12-INCH LOOSE LIFTS.
 - BACKFILL MATERIAL SHALL BE FREE OF ORGANIC MATTER, FROZEN MATERIAL, AND DEBRIS.
- COMPACTION
 - TRENCH BACKFILL SHALL BE COMPACTED TO:
 - 95 PERCENT OF MAXIMUM DRY DENSITY IN PAVED OR STRUCTURAL AREAS.
 - 90 PERCENT OF MAXIMUM DRY DENSITY IN NON_PAVED AREAS, UNLESS NOTED OTHERWISE.
 - MAXIMUM DRY DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D698 OR ASTM D1557.
 - FIELD DENSITY TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM D6938.
 - COMPACTION METHODS SHALL NOT CAUSE DISPLACEMENT OR DAMAGE TO THE PIPE.
- GEOTECHNICAL OVERRIDE
 - WHERE GEOTECHNICAL REPORT RECOMMENDATIONS ARE MORE STRINGENT THAN THESE NOTES, THE GEOTECHNICAL REPORT SHALL GOVERN.



REV.	W.O.	DESCRIPTION	DATE	APP'D DRAFT	APP'D ENGR.	FILM	REV.	W.O.	DESCRIPTION	DATE	APP'D DRAFT	APP'D ENGR.	FILM
8							4						
7							3						
6							2						
5							1						



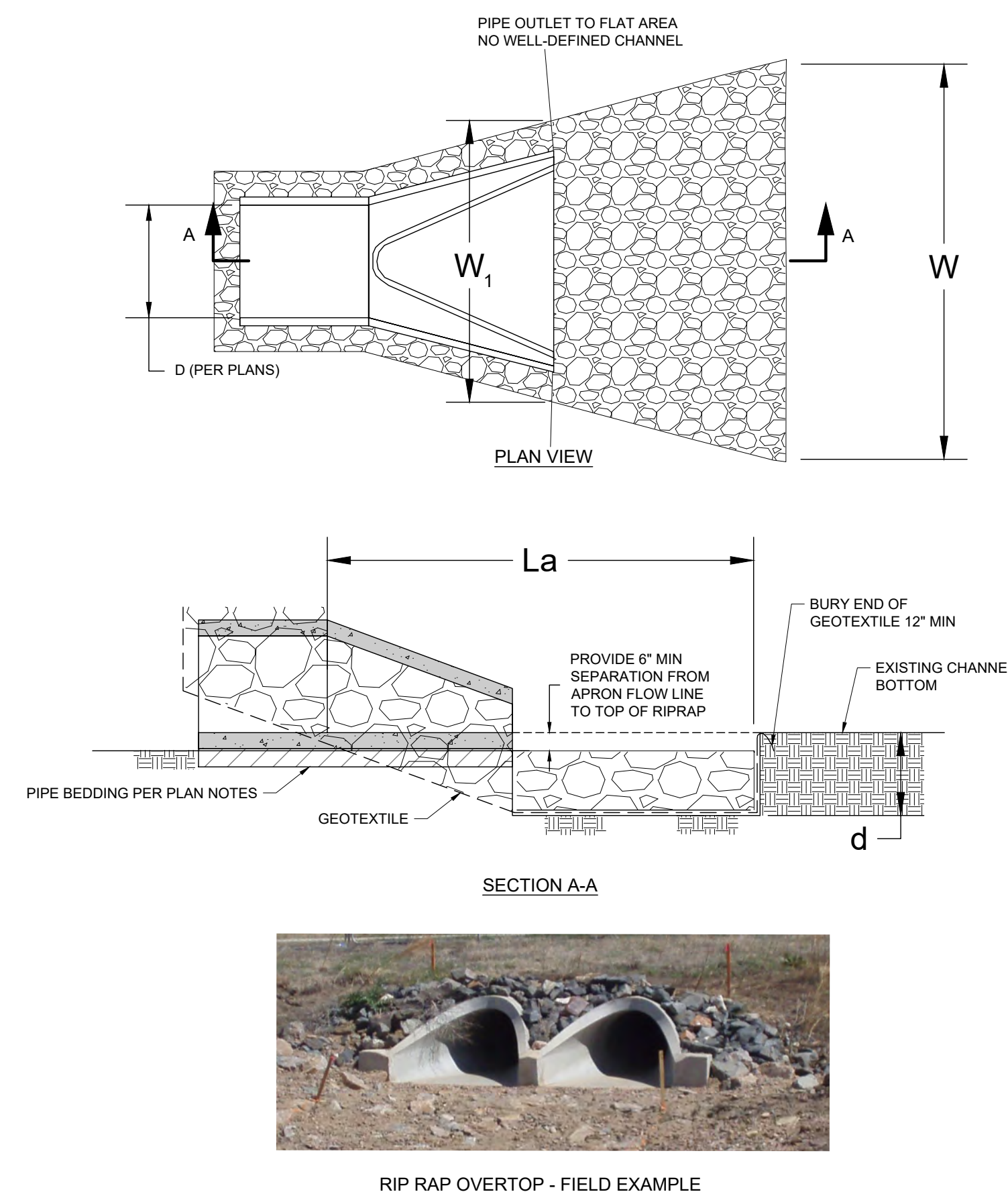
DRAWN:	TITLE	NIPSCO DRAWING NO.	REV.
ENGINEER:	LOCATION	DE402-7	
APPROVED:	DETAIL		
DATE: 06/11/2026	SITE AND GRADING PLAN - NORTH ACCESS		
SCALE: 1" = 60'	W.O./ACCT. NO. 4000097120-0010	SHEET	



1. DEFER TO GEOTECHNICAL REPORT FOR GRAVEL SPECIFICATIONS AND PLACEMENT. ABOVE SECTION SHOWN FOR REFERENCE ONLY.

NOTES:
DEFER TO GEOTECHNICAL REPORT FOR STRUCTURAL
BACKFILL, PIPE BEDDING, GRAVEL PAVEMENT SECTION,
AND MATERIAL PLACEMENT SPECIFICATIONS.

○ TYPICAL GRAVEL SECTIONS
N.T.S



1. THE ROCK RIPRAP SHALL MEET INDOT REQUIREMENTS FOR GRADATION NO. RR-3 & RR-4 , QUALITY DESIGNATION "A".
2. GEOTEXTILE (NON-WOVEN) MINIMUM CRITERIA:
 - 2.1. WEIGHT OF GEOTEXTILE (OZ/SQ.YD.) 6
 - 2.2. TENSILE STRENGTH (LB) ASTM D 4632 180
 - 2.3. ELONGATION AT FAILURE (%) ASTM D 4632 ≤ 50
 - 2.4. PUNCTURE (LB) ASTM D 4833 80
 - 2.5. ULTRA-VIOLET LIGHT (% RESIDUAL TENSILE STRENGTH) ASTM D 4355 MIN 70
 - 2.6. APPARENT OPENING SIZE (AOS) ASTM D 4751 MAX 40 SIEVE
 - 2.7. PERMITTIVITY SEC-1 ASTM D 4491 MIN 0.70
3. ANY GEOTEXTILE SPLICES SHALL OVERLAP A MINIMUM OF 18 INCHES, WITH UPSTREAM OR UPSLOPE GEOTEXTILE OVERLAPPING THE ABUTTING DOWNSLOPE GEOTEXTILE.
4. APRON WIDTH W₁ SHALL BE 3 TIMES THE CULVERT PIPE DIAMETER. APRON WIDTH W₂ SHALL BE EQUAL TO L_a PLUS THE PIPE DIAMETER.
5. ROCK THICKNESS D SHALL BE AT LEAST 1.5 TIMES THE RIPRAP D₁₀₀ SIZE.
6. TOP OF SURFACE OF RIPRAP AT PIPE DISCHARGE TO BE 6" BELOW PIPE FLOW LINE AT BOTH ENDS OF CULVERT.

INLET PIPE SIZE d (IN)	LENGTH OF APRON La (FT)	ROCK GRADATION (INDOT)	WIDTH OF APRON U/S FACE W1 (FT)	WIDTH OF APRON D/S FACE W2 (FT)	DEPTH OF RIPRAP d (IN)
12	12	RR-3	3.00	13.00	15
15	12	RR-3	3.75	13.25	15
18	16	RR-4	4.50	17.50	20
30	22	RR-4	7.50	24.50	20
36	24	RR-5	9.00	27.00	28
42	24	RR-5	10.50	27.50	30
48-60	28	RR-6	12.00	32.00	32

OUTLET PROTECTION - RIP RAP
N.T.S.



DRAWN:
ENGINEER:
APPROVED:
DATE: 06/11/2026
SCALE: 1" = 60'

TITLE	VIEWPOINT SUBSTATION
LOCATION	WHEATFIELD, INDIANA
DETAIL	CONSTRUCTION DETAILS
W.O./ACCT. NO.	4000097120-0010

NIPSCO DRAWING NO.	REV.
DE402-9	
SHEET	

