

RIDOT RT. 37 SEDIMENT MANAGEMENT FACILITY WARWICK, RHODE ISLAND MARCH 2021

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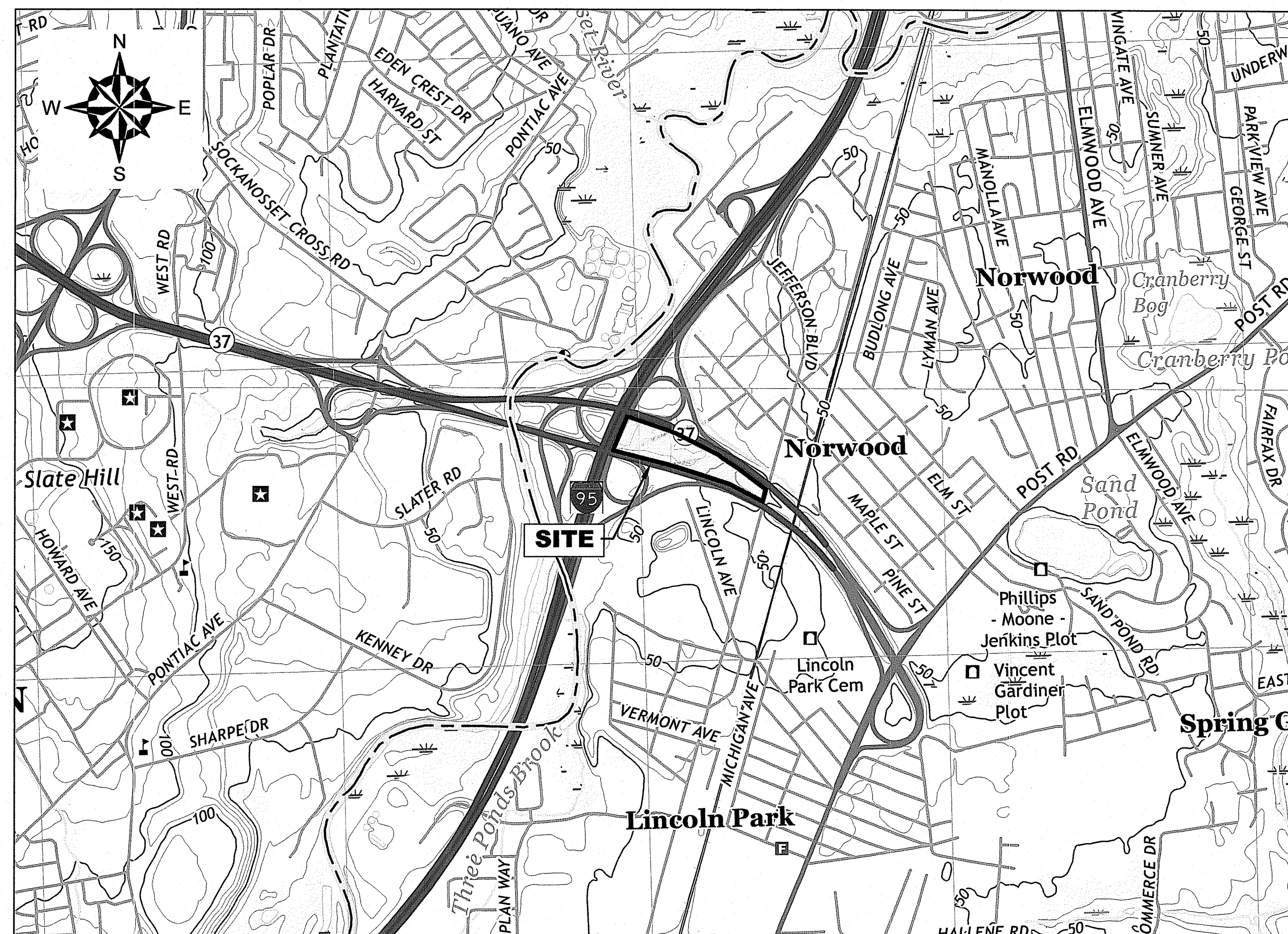


RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION

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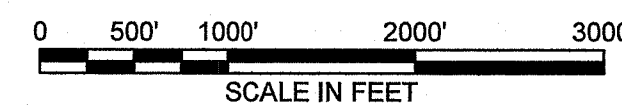


GZA GEOENVIRONMENTAL, INC.
188 VALLEY STREET, SUITE 300
PROVIDENCE, RHODE ISLAND 02909



PROJECT LOCUS MAP

SOURCE: USGSSTORE.GOV



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|------------------|-------------------------------------|
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OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: AUG 15 2022 FILE #: 22-0234
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Nancy L. Freeman

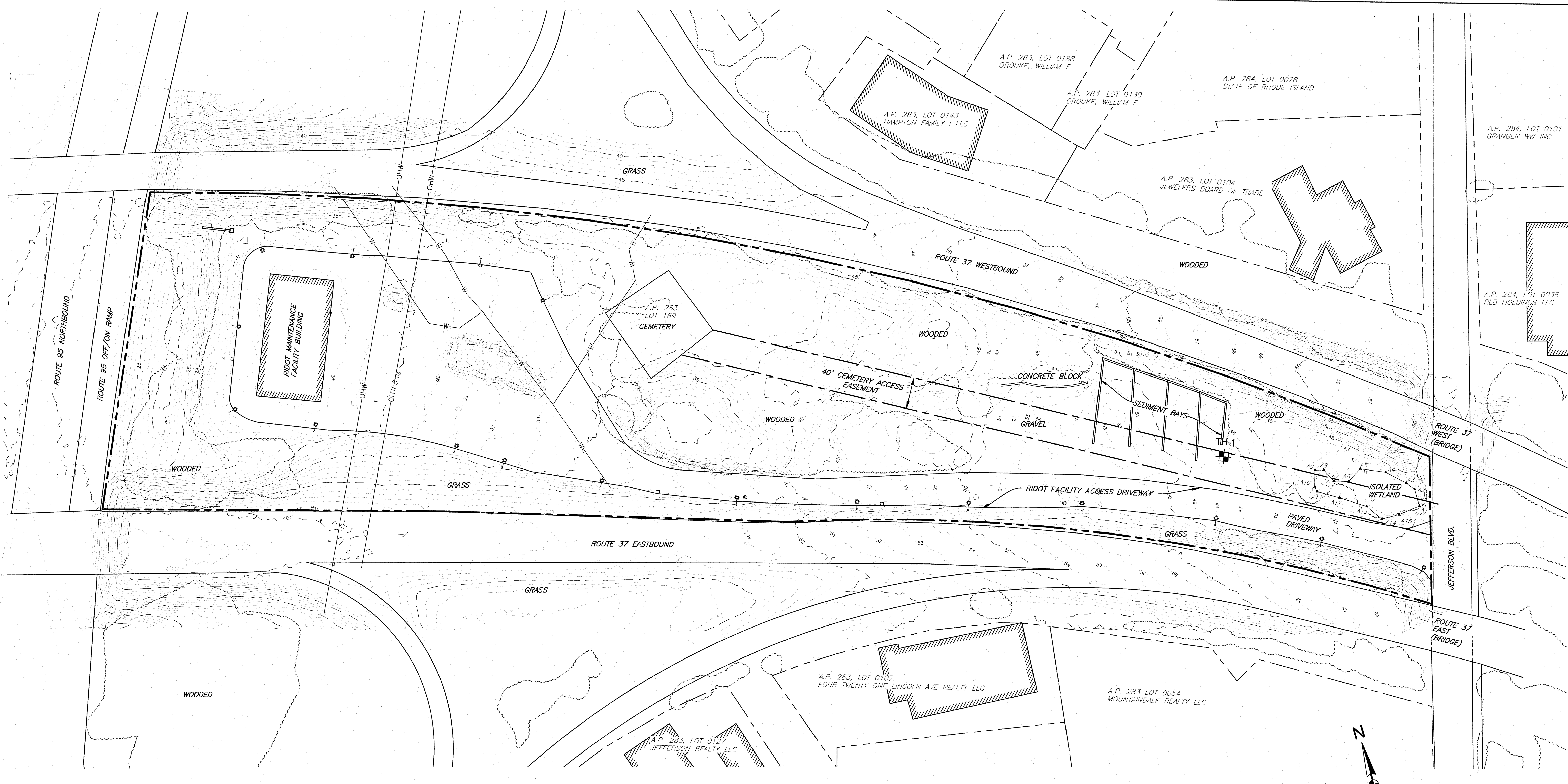
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No. 8567
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PROFESSIONAL ENGINEER
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RI Environmental Management
JUN 21 2022
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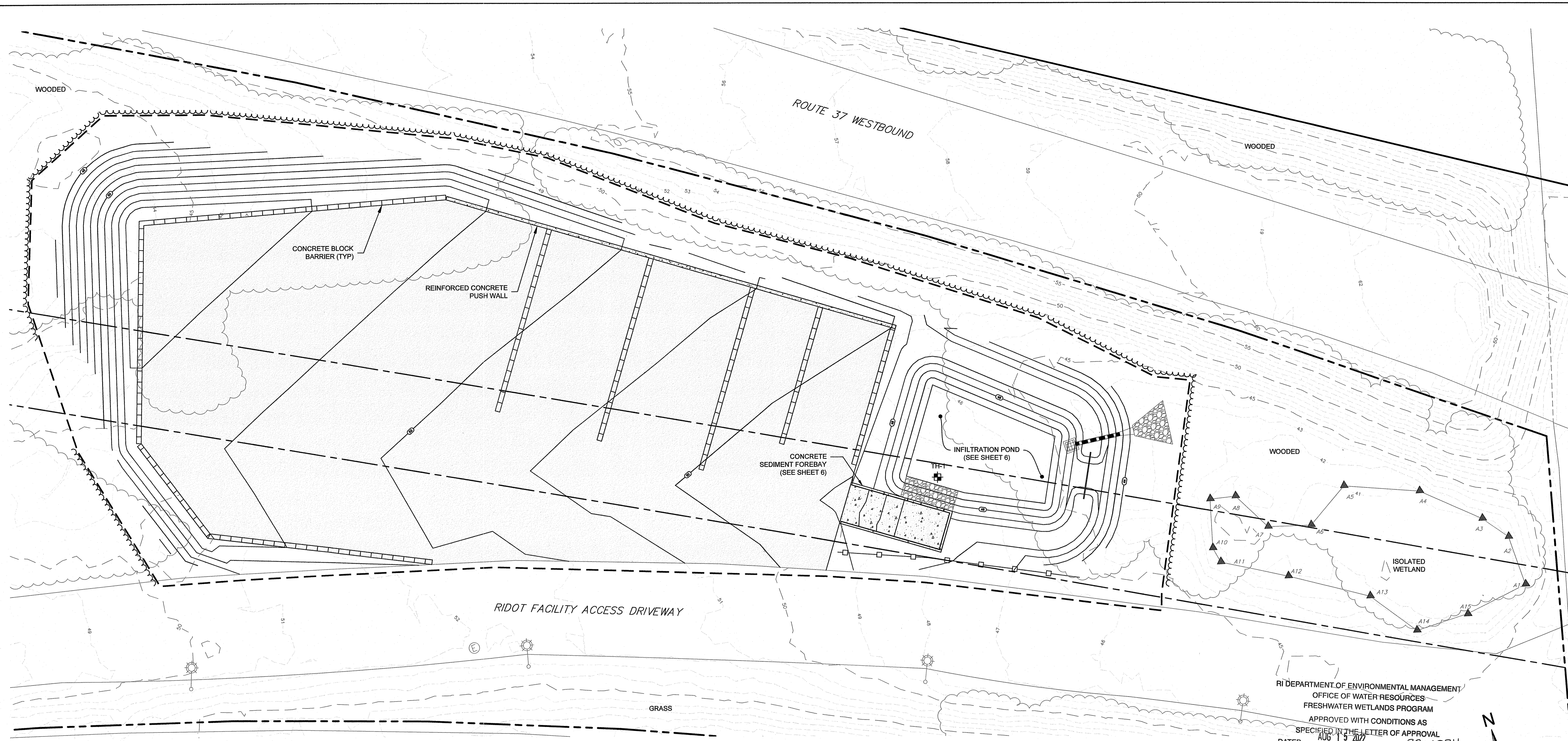
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EXISTING CONDITIONS PLAN

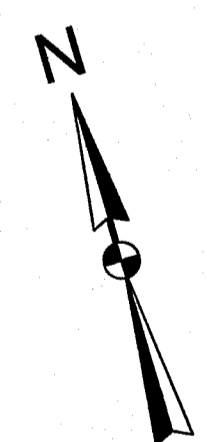
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| PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com | PREPARED FOR: RI RIDOT Driven to get you there |
| PROJ MGR: RAC DESIGNED BY: MSC DATE: MAY, 2022 | CHECKED BY: RAC SCALE: AS NOTED REVISION NO. 0 |

SHEET
3
 SHEET NO. 3 OF 8

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0 10' 20' 40' 60'
SCALE IN FEET 1" = 20'

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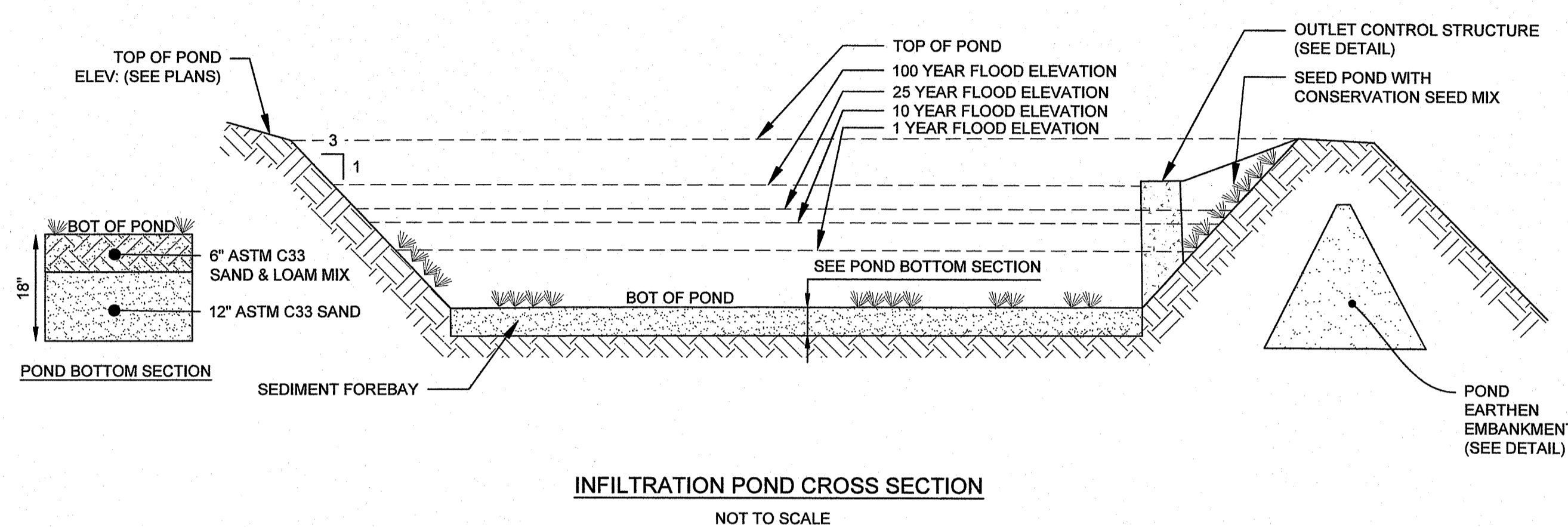
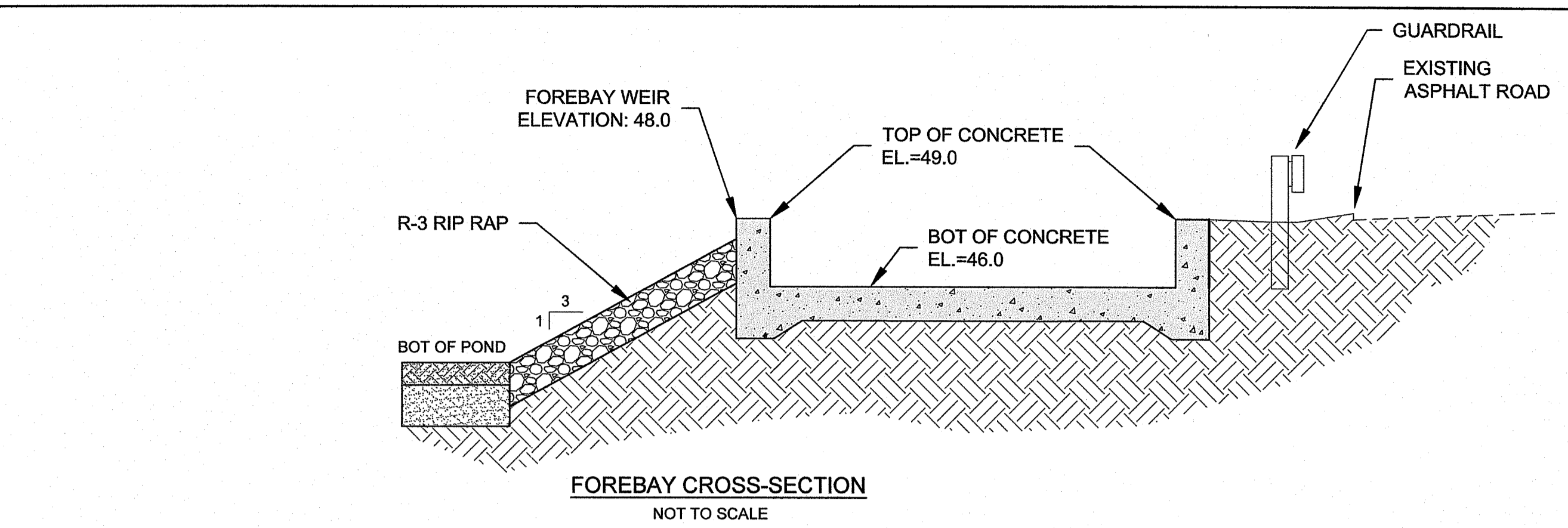
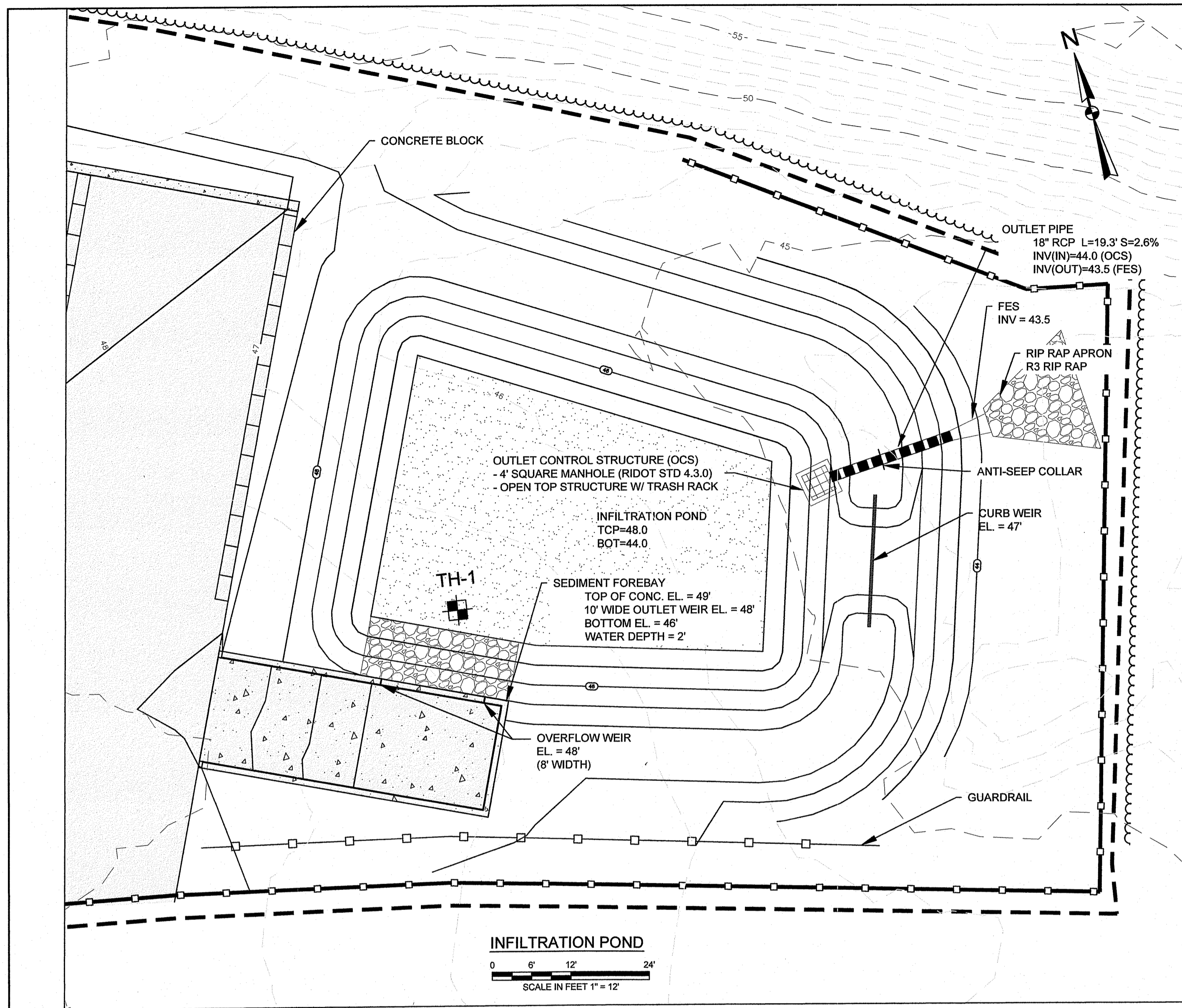
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No. 8567
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PROFESSIONAL ENGINEER
CIVIL

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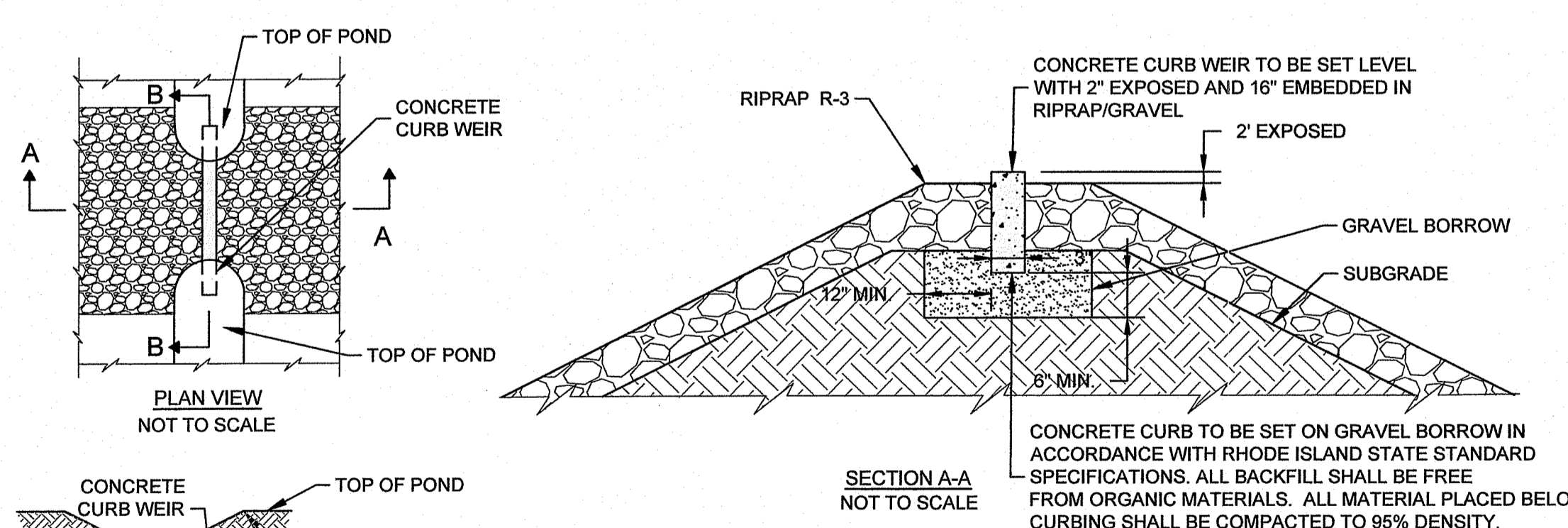
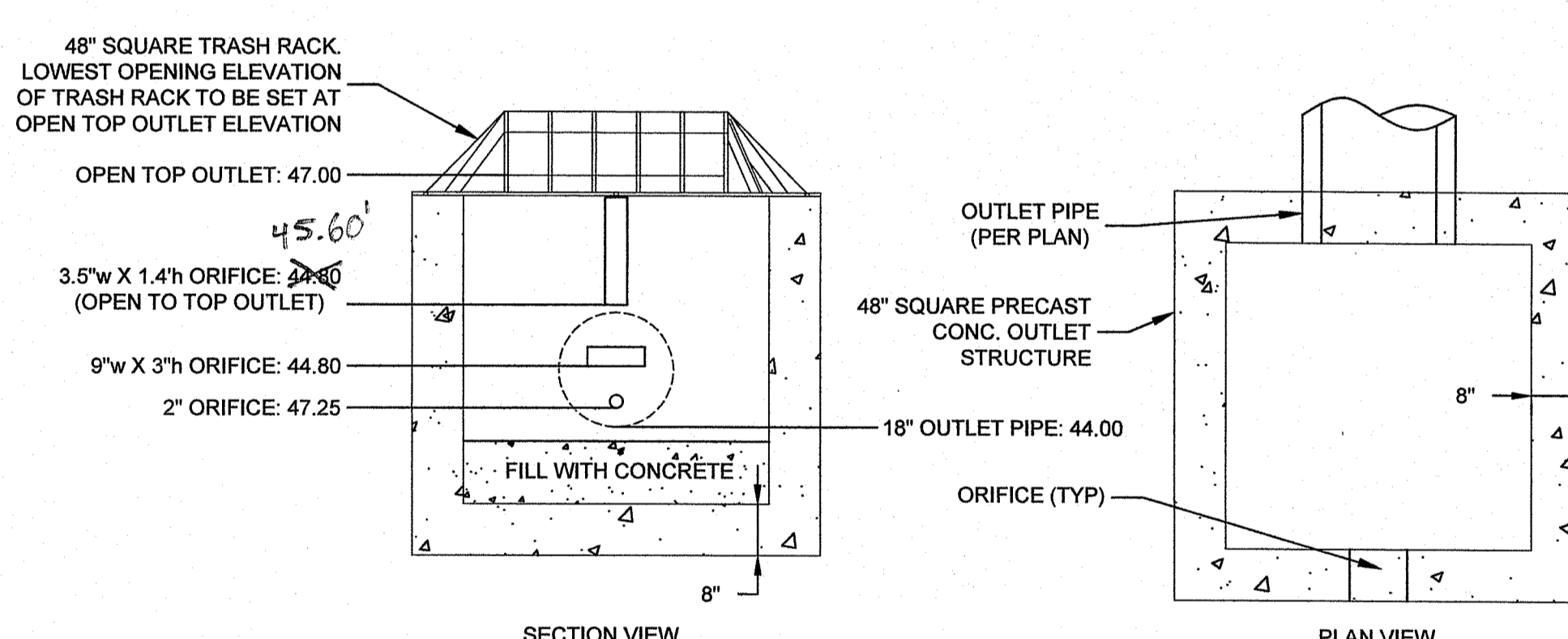
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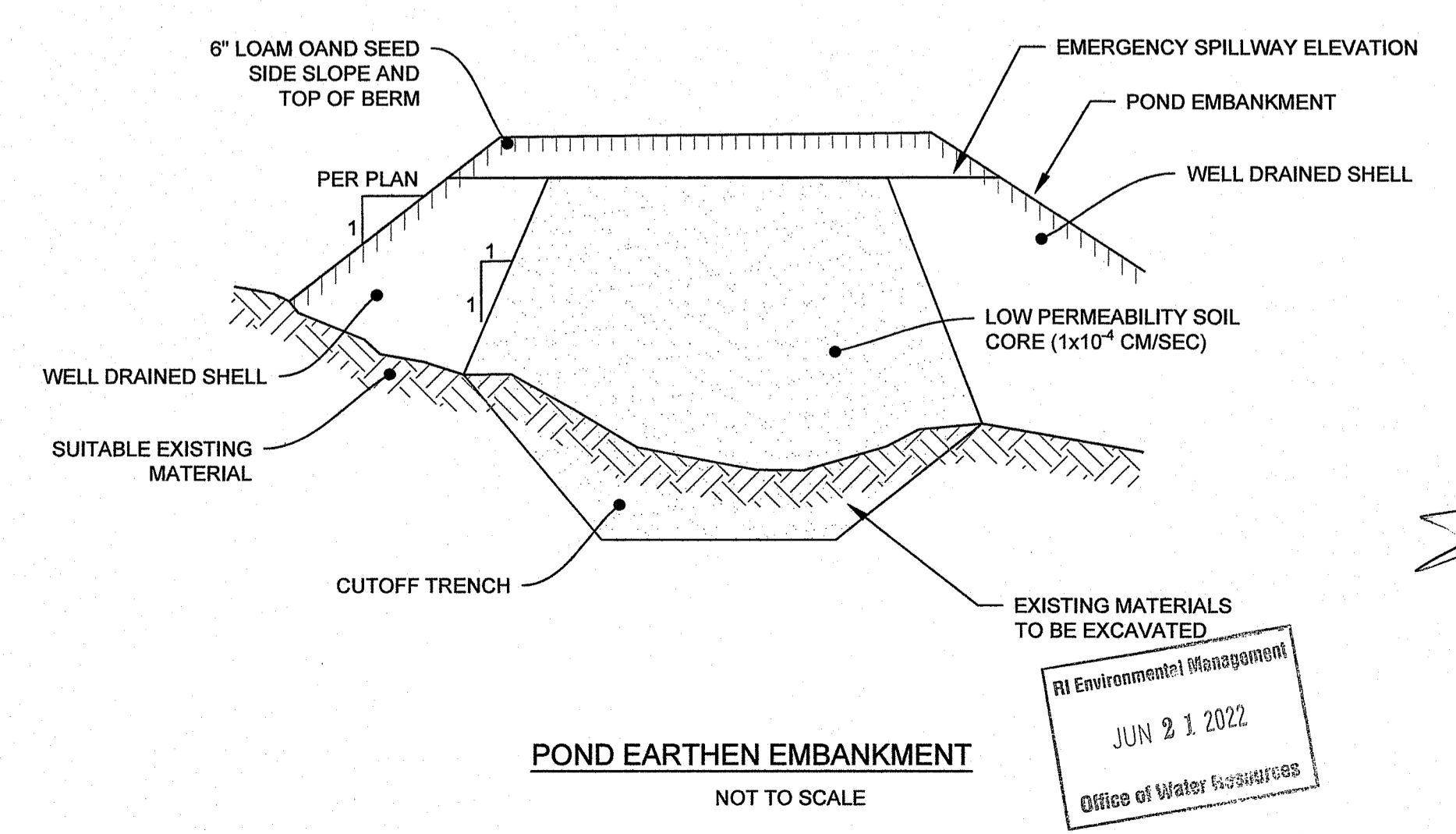
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| DATE: MARCH 2021 | PROJECT NO. 34634.00 | REVISION NO. 0 | |



| POND ELEVATIONS | |
|-------------------------------------|------------------|
| POND | WQ/QP - INF POND |
| TOP OF POND ELEVATION | 48.0' |
| BOTTOM OF POND ELEVATION | 44.0' |
| SOIL EVALUATION | SEV-1 |
| SEASONAL HIGH GWL ELEVATION | 37.0' |
| 100 YEAR STORM ELEVATION | 46.87 |
| 25 YEAR STORM ELEVATION | 46.13 |
| 10 YEAR STORM ELEVATION | 45.63 |
| 1 YEAR STORM ELEVATION | 44.79 |
| 1.2' WQ STORM EVENT ELEVATION | 44.22 |
| SEASONAL HIGH GROUNDWATER ELEVATION | 37.5' |
| TOP OF BEDROCK | >37.5' |



| WEIR TABLE | | | | |
|------------|-------------------|-------------|------------|---------------|
| LOCATION | TOP OF POND ELEV. | WEIR INVERT | WEIR DEPTH | RIP RAP CLASS |
| FOREBAY | 49 (MIN.) | 47 | 1 FT. | R-3 |



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 WARWICK, RHODE ISLAND

DETAILS (1 OF 3)

| | |
|--|--|
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| PROJ MGR: RAC | REVIEWED BY: TRG |
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TODD R. GREENE
 No. 8567
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
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SHEET 6 OF 6

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