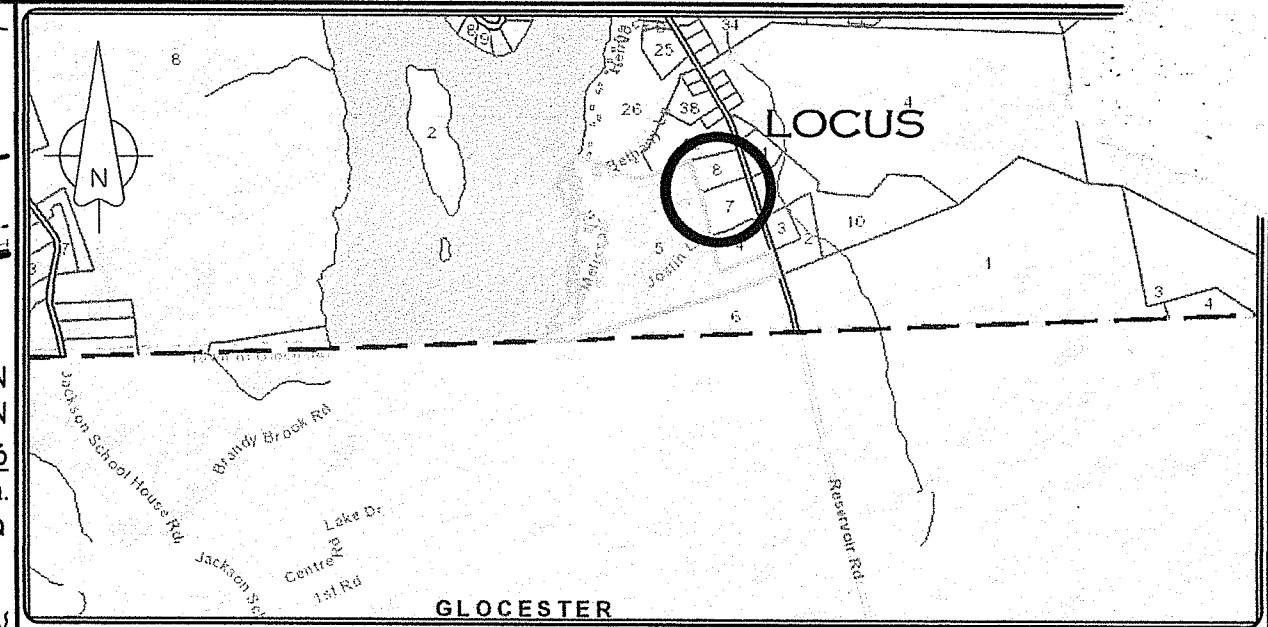
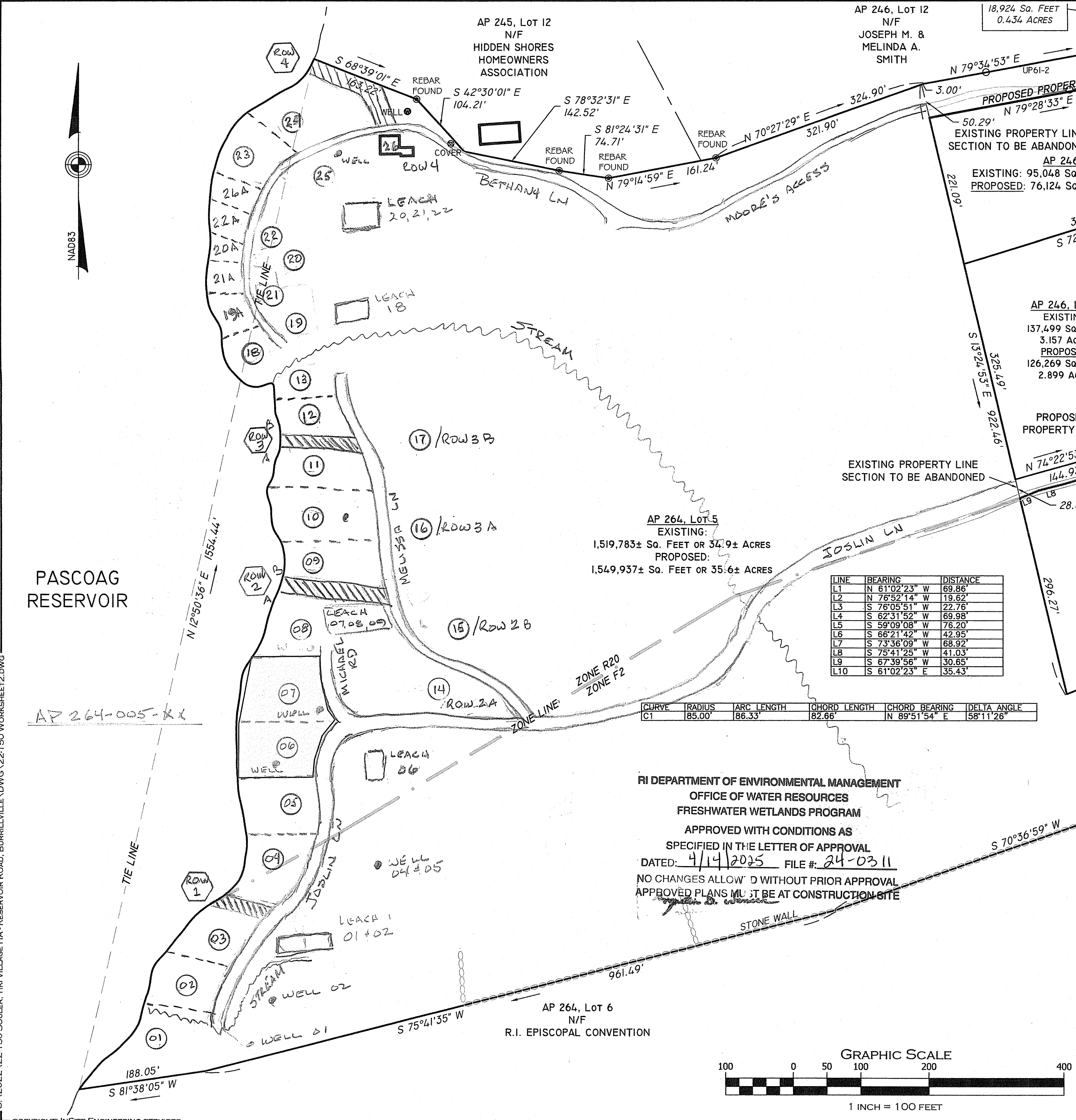


S:\2022\22-150 SOULER, TIKI VILLAGE HA - RESERVOIR ROAD, BURRILLVILLE.DWG\22-150 WORKSHEET2.DWG



LOCATION MAP (NOT TO SCALE)

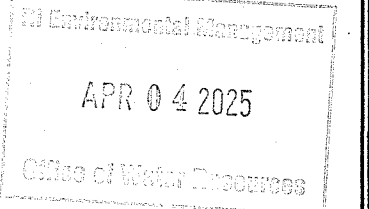
GENERAL NOTES:

- PROPOSED LOTS SHOWN ARE A DIVISION OF LOTS 5, 7 & 8 ON ASSESSORS MAP 264.
  - OWNER(S) OF RECORD:
    - AP 246, LOT 5 & 8: SHERYLL A. LAFRANCOIS REVOCABLE TRUST, ELIZABETH P. SANTILLI (TRUSTEE), 155 SOUTH MAIN STREET, SUITE 300, PROVIDENCE, R.I. 02903
    - AP 264, LOT 7: MICHAEL C. & SHERYLL A. LAFRANCOIS, 777 RESERVOIR ROAD, PASCOAG, R.I. 02859
  - FEMA REFERENCE: SITE IS PARTIALLY LOCATED IN ZONE AE (EL 446) AS DEPICTED UPON FIRM MAP 44007C0140G WITH AN EFFECTIVE DATE OF 3/2/2009.
  - PLAN REFERENCE:
    - A. "DIVISION OF LAND IN BURRILLVILLE, R.I. FOR WALTER J. & BERNADETTE S. MOORE; SCALE: 1" = 100'; MARCH 1989" AND FILED IN TOWN OF BURRILLVILLE LAND EVIDENCE RECORDS AS PLAN BOOK 20 AT PAGE 2.
    - B. "DIVISION OF LAND OWNED BY WALTER J. & BERNADETTE S. MOORE; BURRILLVILLE, RHODE ISLAND; AUGUST, 1980"
    - C. "DIVISION OF LAND FOR LAVERNE M. & DWIGHT V. SMITH; BURRILLVILLE, R.I. MAY, 1994" AND FILED IN TOWN OF BURRILLVILLE LAND EVIDENCE RECORDS AS PLAN BOOK 22 AT PAGE 52.
  - EXISTING LOTS ARE IN ZONING DISTRICT: "R20\*"
    - MINIMUM AREA = 62,000 S.F.
    - MINIMUM FRONTAGE AT STREET = 125'
    - MINIMUM SETBACKS:
      - FRONT = 30'
      - SIDE = 10'
      - REAR = 30'
- \*ZONING DISTRICT F2 COVERS AN UNAFFECTED PORTION OF AP 264 LOT 5 AND SHOWN ON PLAN.
6. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE FINDINGS SUCH A REPORT MIGHT DISCLOSE. PROPERTY LINES SHOWN ON THIS SURVEY/PLAN REPRESENT CURRENT PHYSICAL FIELD CONDITIONS AND EVIDENCE OF APPARENT POSSIBLE POSSESSION. ANY REFERENCES TO PUBLIC RECORDS HEREON REFLECTS TO THOSE RECORDS NECESSARY TO ESTABLISH THE BOUNDARIES SHOWN HEREON AND REFERENCE TO THE SAME DOES NOT, AND IS NOT INTENDED TO CONSTITUTE A TITLE SEARCH OR TITLE OPINION.

CERTIFICATION:

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

- LIMITED CONTENT BOUNDARY SURVEY: CLASS 1
- TOPOGRAPHIC ACCURACY: T-4



MARC N. NYBERG LICENSE No. 1797 COA No. A52

STATEMENT OF PURPOSE  
 THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS AS FOLLOWS:

- ADMINISTRATIVE SUBDIVISION PLAN

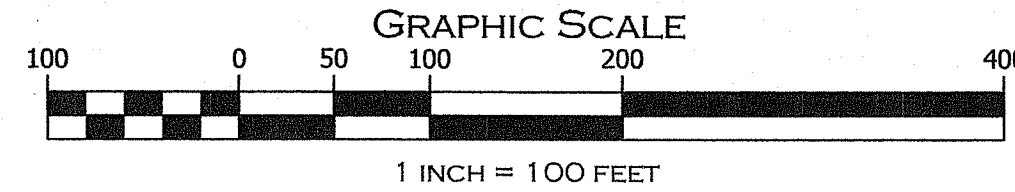
ADMINISTRATIVE SUBDIVISION

MARC N. NYBERG  No. 1797 PROFESSIONAL LAND SURVEYOR	<b>"TIKI VILLAGE"</b> RESERVOIR ROAD, BURRILLVILLE, RI		
	APPLICANT: TIKI VILLAGE HOMEOWNERS ASSOCIATION 23 HAWTHORNE CT, NORTH KINGSTOWN, RI		
JOB # 22-150 SCALE: 1" = 100' REVISED:	DRAWN BY:	DATE: 12/20/2022	

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: 4/14/2025 FILE #: 24-0311  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

LINE	BEARING	DISTANCE
L1	N 61°02'23" W	69.86'
L2	N 76°52'14" W	19.62'
L3	S 76°05'51" W	22.76'
L4	S 62°31'52" W	69.98'
L5	S 59°09'08" W	76.20'
L6	S 66°21'42" W	42.95'
L7	S 73°36'09" W	68.92'
L8	S 75°41'25" W	41.03'
L9	S 67°39'56" W	30.65'
L10	S 61°02'23" E	35.43'

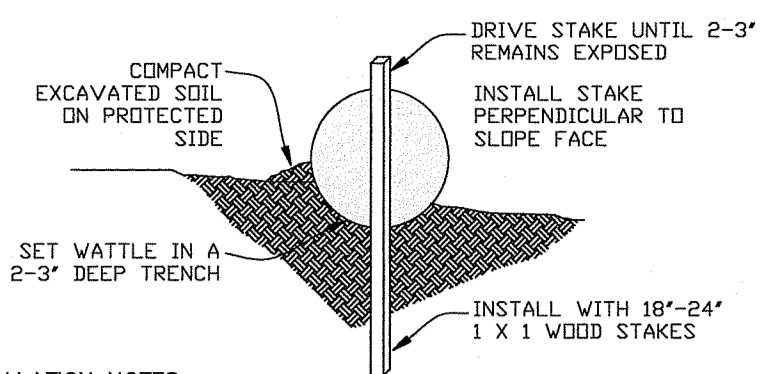
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	85.00'	86.33'	82.66'	N 89°51'54" E	58°11'26"



PASCOAG RESERVOIR

AP 264-005-KX

 PROFESSIONAL ENGINEERS   LAND SURVEYORS Precision. Clarity. Certainty.	InSite Professional Complex, Suite 1 1539 Fall River Avenue, Seekonk, MA 02771 Phone: (508) 336-4500 Fax: (508) 336-4558	SHEET <b>21</b> OF 2 per R.I.D.M.
	501 Great Road, Unit 104 North Smithfield, RI 02896 Phone: (401) 762-2870 Fax: (401) 762-2871 Web Address: InsiteEngineers.com	



**INSTALLATION NOTES:**

- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2'-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
- PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTIGUES TO THE SOIL SURFACE. COMPACT THE SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
- SECURE THE WATTLE WITH 18" x 24" STAKES EVERY 3 - 4' WITH A STAKE ON EACH END. STAKES SHOULD BE BROVEN THROUGH THE MIDDLE OF THE WATTLES LEAVING AT LEAST 2" OF STAKE EXTENDING ABOVE THE WATTLE STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.

**Straw Wattle Detail**

NOT TO SCALE

**TEMPORARY STORMWATER AND SOIL EROSION CONTROL DURING CONSTRUCTION NOTE:**  
 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT EROSION CONTROLS SHOWN ON THIS PLAN ARE MINIMUM REQUIRED BASED ON THE FINAL GRADING CONDITIONS. DURING CONSTRUCTION ADDITIONAL CONTROLS MAY BE REQUIRED DUE TO TEMPORARY GRADING, EXCESSIVE RAIN EVENTS, AND OTHER UNKNOWN CONDITIONS THAT MAY BE ENCOUNTERED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT WETLANDS AND BUFFERS TO REMAIN ARE PROTECTED AT ALL TIMES FROM SEDIMENT DISCHARGE AND ANY ADJUTING PROPERTIES BE PROTECTED FROM EXCESSIVE STORMWATER FLOW BY INSPECTING AND PROVIDING MAINTENANCE TO ALL CONTROLS SHOWN ON THE PLAN OR AS NEEDED THROUGHOUT CONSTRUCTION.

**Legend**

- 400 ——— EXISTING CONTOUR
- — — — — EXISTING STONEWALL
- ⊙ TEST PIT / SOIL EVALUATION
- — — — — 335 PROPOSED CONTOUR
- ⊙ PROPOSED WELL
- ⊙ EROSION CONTROL
- T.F. TOP ELEV. OF FOUNDATION
- T.SLAB TOP ELEV. OF CONC. SLAB

**BASE FLOOD NOTE:**

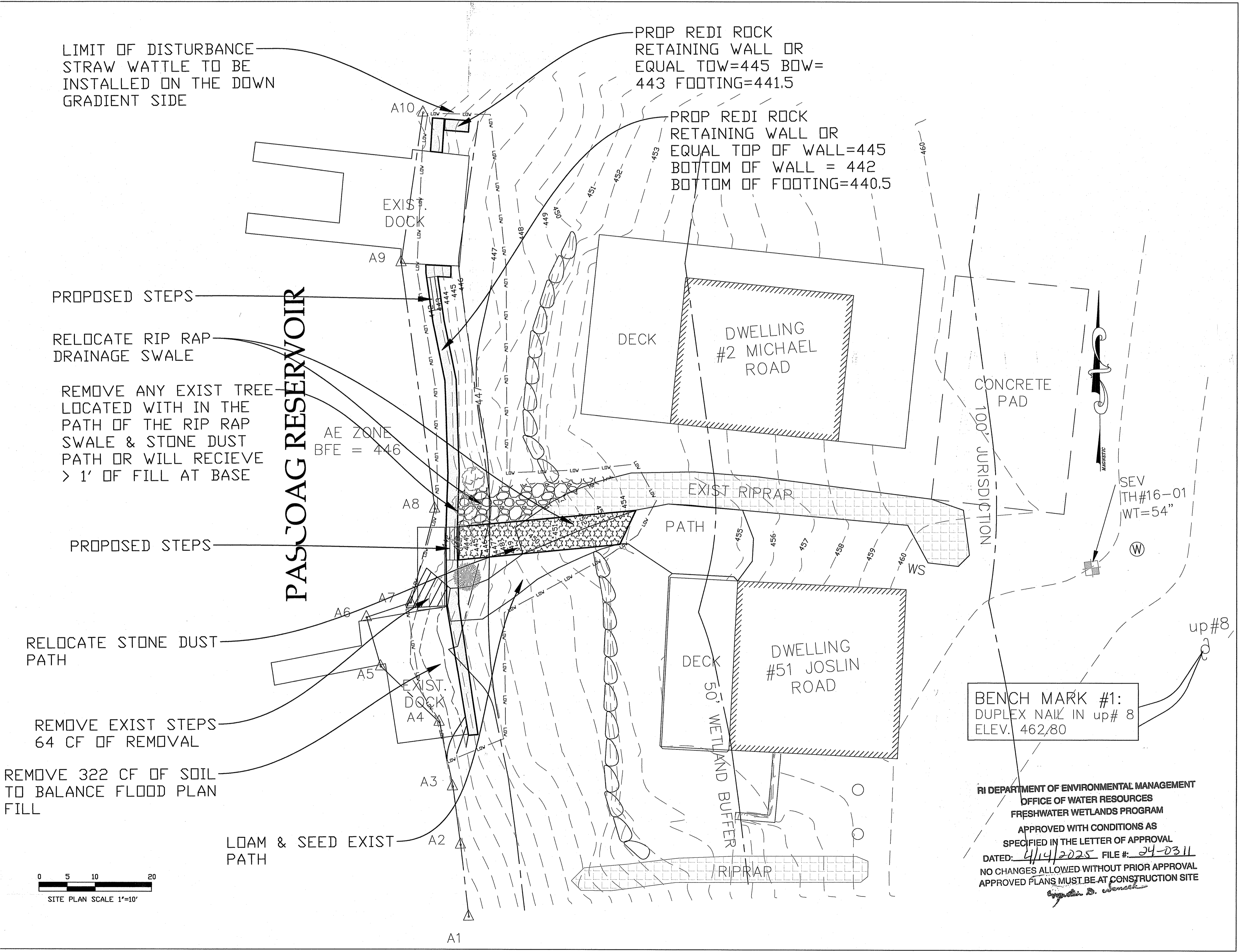
THE SUBJECT PARCEL LIES WITHIN A FLOOD ZONE X AREA AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP NUMBER 4400700140G, EFFECTIVE DATE MARCH 2, 2009.

**FLOODPLAIN COMPENSATION:**

100 YR FLOODPLAIN FILL = 384 CF  
 FLOODPLAIN FILL REMOVAL = 386 CF

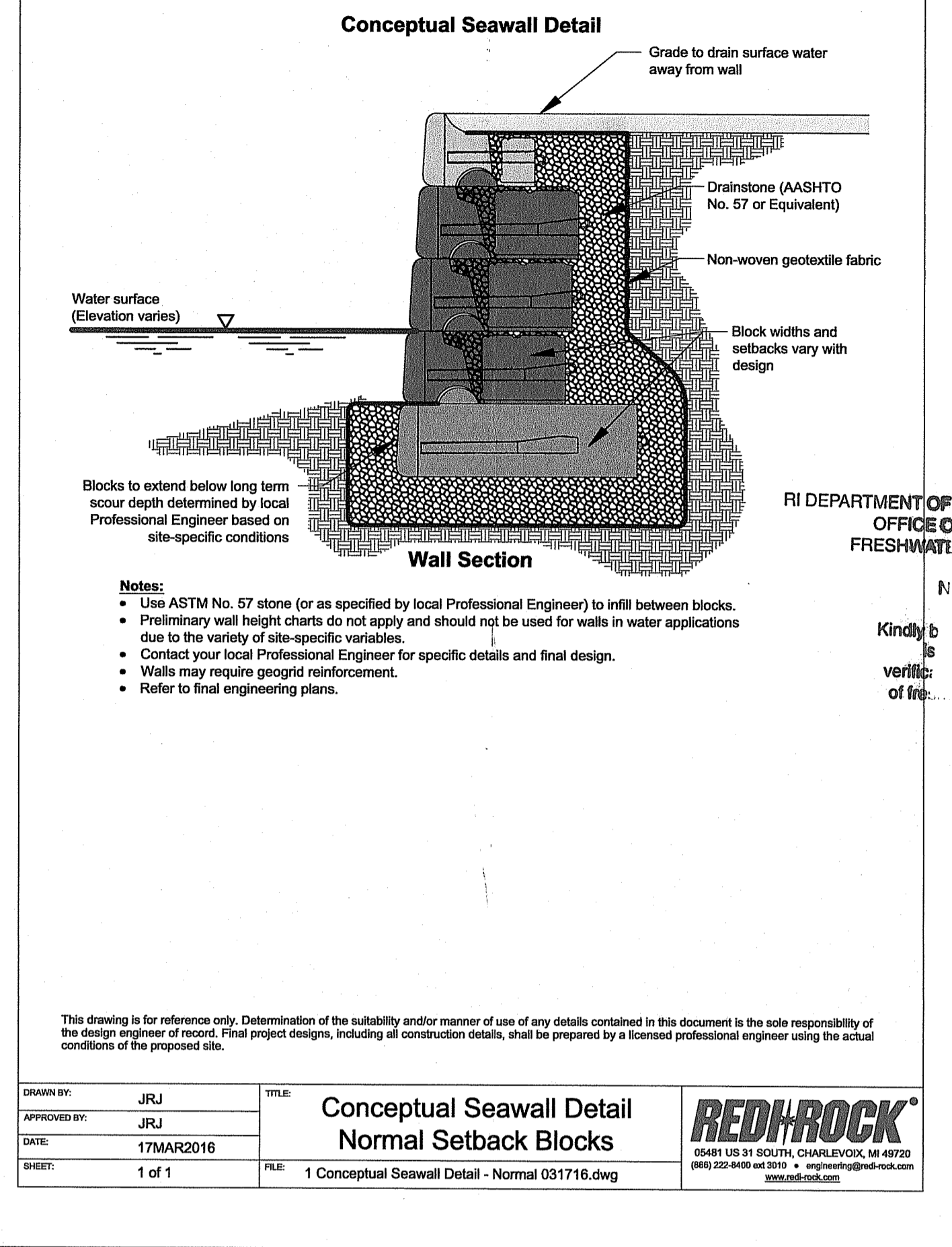
PROP REDI ROCK  
 RETAINING WALL OR  
 EQUAL TOW=445 BOW=  
 443 FOOTING=441.5

PROP REDI ROCK  
 RETAINING WALL OR  
 EQUAL TOP OF WALL=445  
 BOTTOM OF WALL = 442  
 BOTTOM OF FOOTING=440.5



**BENCH MARK #1:**  
 DUPLEX NAIL IN up# 8  
 ELEV. 462.80

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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- Notes:**
- Use ASTM No. 57 stone (or as specified by local Professional Engineer) to infill between blocks.
  - Preliminary wall height charts do not apply and should not be used for walls in water applications due to the variety of site-specific variables.
  - Contact your local Professional Engineer for specific details and final design.
  - Walls may require geogrid reinforcement.
  - Refer to final engineering plans.

DRAWN BY: JRJ	TITLE: Conceptual Seawall Detail	<b>REDI-ROCK</b> 60451 US 31 SOUTH, CHARLIVOX, RI 02820 (401) 222-8600 ext 200 • info@red-rock.com • www.red-rock.com
APPROVED BY: JRJ	Normal Setback Blocks	
DATE: 17MAR2016	FILE: 1 Conceptual Seawall Detail - Normal 031716.dwg	
SHEET: 1 of 1		

**RETAINING BLOCKS Block Library**

R-28T 28" (710mm) TOP		R-28HT 28" (710mm) HALF TOP	
Face Texture: Cobble / Limestone	Kingstone / Ledgestone	Face Texture: Cobble / Limestone	Kingstone / Ledgestone
Block Weight: 1230 lb (557 kg)	1160 lb (530 kg)	Block Weight: 570 lb (260 kg)	540 lb (240 kg)
Block Volume: 8.57 m³ (0.243 m³)	8.07 m³ (0.229 m³)	Block Volume: 4.01 m³ (0.113 m³)	3.76 m³ (0.108 m³)
Center of Gravity: 14.9" (378mm)	14.2" (362mm)	Center of Gravity: 15.3" (389 mm)	14.7" (373 mm)

R-28M 28" (710mm) MIDDLE		R-28HM 28" (710mm) HALF MIDDLE	
Face Texture: Cobble / Limestone	Kingstone / Ledgestone	Face Texture: Cobble / Limestone	Kingstone / Ledgestone
Block Weight: 1610 lb (730 kg)	1540 lb (700 kg)	Block Weight: 750 lb (340 kg)	710 lb (320 kg)
Block Volume: 11.28 m³ (0.319 m³)	10.78 m³ (0.305 m³)	Block Volume: 6.23 m³ (0.148 m³)	4.98 m³ (0.141 m³)
Center of Gravity: 19.8" (504mm)	18.4" (469 mm)	Center of Gravity: 14.3" (364 mm)	13.8" (350mm)

R-28B 28" (710mm) BOTTOM		R-28HB 28" (710mm) HALF BOTTOM	
Face Texture: Cobble / Limestone	Kingstone / Ledgestone	Face Texture: Cobble / Limestone	Kingstone / Ledgestone
Block Weight: 1740 lb (790 kg)	1670 lb (760 kg)	Block Weight: 810 lb (370 kg)	770 lb (350 kg)
Block Volume: 12.19 m³ (0.345 m³)	11.70 m³ (0.331 m³)	Block Volume: 5.66 m³ (0.160 m³)	5.41 m³ (0.153 m³)
Center of Gravity: 14.0" (355 mm)	13.5" (343 mm)	Center of Gravity: 14.3" (364 mm)	13.8" (352 mm)

- Units for dimensions are inches (mm), typical unless noted otherwise.
- Block production varies with each licensed Red-Rock manufacturer. Confirm availability before Specifying or Ordering.
- Center of Gravity is measured from the back of block.
- Actual block volumes and weights may vary.
- Weights are based upon a concrete density of 143 lb/ft³ (2281 kg/m³).
- Half blocks contain a fork slot on only one side of the block.
- Interface Shear knobs are typically 10" (254mm) diameter by 4" (102mm) tall. Smaller knob diameters are available.

- GENERAL NOTES:**
- THE CONTRACTOR SHALL NOTIFY DIG-SAFE 72 HOURS PRIOR TO START OF CONSTRUCTION AND MAINTAIN ALL MARKINGS FOR THE DURATION OF THE PROJECT.
  - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR SHALL NOTIFY "DIG-SAFE" PRIOR TO EXCAVATION AND SHALL NOTIFY LOCAL UTILITY COMPANIES BEFORE COMMENCEMENT OF WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RELOCATE UTILITIES AS REQUESTED SHOULD THERE BE A CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
  - THE DEVELOPER/CONTRACTOR IS RESPONSIBLE TO COORDINATE AND OBTAIN ALL PERMITS PRIOR TO CONSTRUCTION.

NOTE PER DEM:  
 Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

**SOIL EROSION AND SEDIMENT CONTROL NOTES**

- ALL EROSION CONTROLS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
- EROSION CONTROL BARRIERS CONSISTING OF STRAW WATTLES OR EQUAL SHALL BE INSTALLED AS SHOWN ON THIS PLAN AT A MINIMUM. ADDITIONAL BARRIERS MAY BE REQUIRED DUE TO THE LOGISTICS OF THE PROJECT. REMOVE THE ACCUMULATED SEDIMENT WHEN HALF THE HEIGHT OF THE BARRIER IS FILLED IN.
- STOCKPILES OF SOILS AT THE RISK OF EROSION FROM WIND OR RAIN SHALL BE PROTECTED WITH EROSION CONTROL BARRIERS AND TEMPORARY SEED.
- THE CONSTRUCTION ENTRANCE (I.E. STONE ANTI-TRACKING PAD) SHALL BE INSTALLED AND MAINTAINED THROUGHOUT BY THE CONTRACTOR. MAINTENANCE SHALL INCLUDE REPLACEMENT AND/OR TOP DRESSING WITH ADDITIONAL STONE AS REQUIRED.
- ALL SEDIMENTS SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- ALL DISTURBED AREAS SHALL BE STABILIZED SHALL, AT A MINIMUM, RECEIVE 4" OF TOPSOIL AND SEED.
- REFERENCE THE "RHODE ISLAND EROSION AND SEDIMENTATION CONTROL HANDBOOK" FOR FURTHER INFORMATION INCLUDED DETAILS AND PROCEDURES.

**Advanced Civil Design, Inc.**  
 CIVIL ENGINEERS

88 PEEPTAD ROAD  
 SCITUATE, RI 02857  
 PH: (401) 473-4404

1	3/31/25	PER RIDE
ND.	DATE	REVISION

**SHORELINE PROTECTION PLAN**

A.P. 264 LOT 5  
 2 MICHAEL ROAD & 51 JOSLIN ROAD  
 BURRILLVILLE, RI

PREPARED FOR:  
**JAMES WOOD** 29 ALDRICH ROAD SCITUATE, RI 02857  
**DANIEL MURRAY** 1070 DOUGLAS PIKE HARRISVILLE, RI 02830

DRAWING TITLE:  
**PROPOSWD RETAINING WALL PLAN**

DATE: OCTOBER 2024 DESIGNED BY: N.J.P.  
 SCALE: AS NOTED CHECKED BY: C.S.R.

NICHOLAS J. PIAMPIANO 6512  
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

**C-1**

SHEET 2 of 2