

SEDIMENT AND EROSION CONTROL PLAN

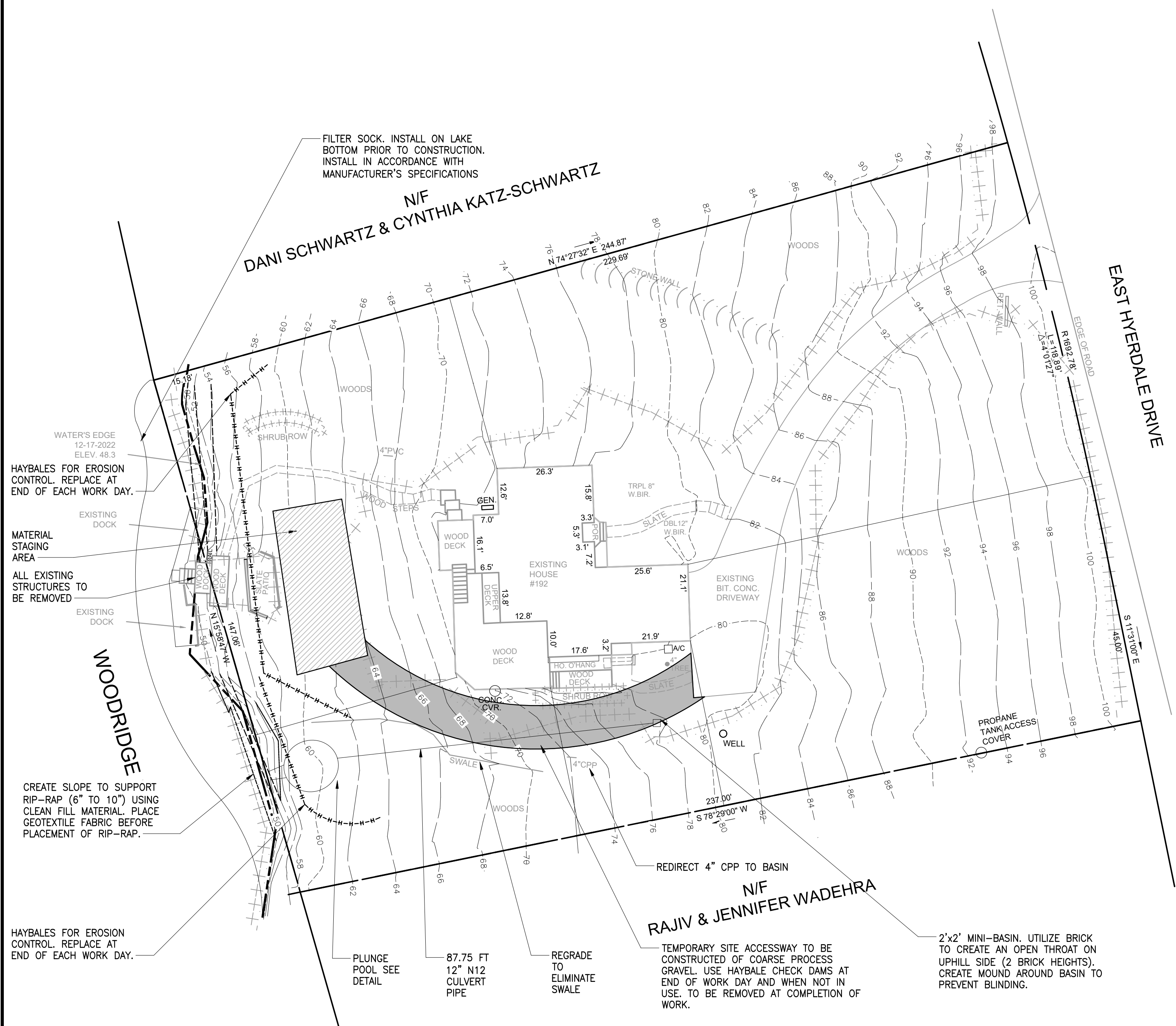
THE SUBJECT PROPERTY IS AN DEVELOPED BUILDING LOT LOCATED ON THE WEST OF EAST HYERDALE DRIVE (#192) IN GOSHEN, CONNECTICUT. THE SHORELINE ABUTTING WOODRIDGE LAKE HAS EXPERIENCED SIGNIFICANT EROSION. THIS PLAN PROPOSES THE STABILIZATION OF THE SHORELINE WITH CLEAN FILL AND RIP-RAP AND THE CONTROL OF STORM WATER FLOW. ALL WORK WILL BE COMPLETED IN THE FALL OF 2023 WHEN WOODRIDGE LAKE WILL BE IN A DEEP DRAWDOWN OF +/-5 FEET.

PROJECT DESCRIPTION

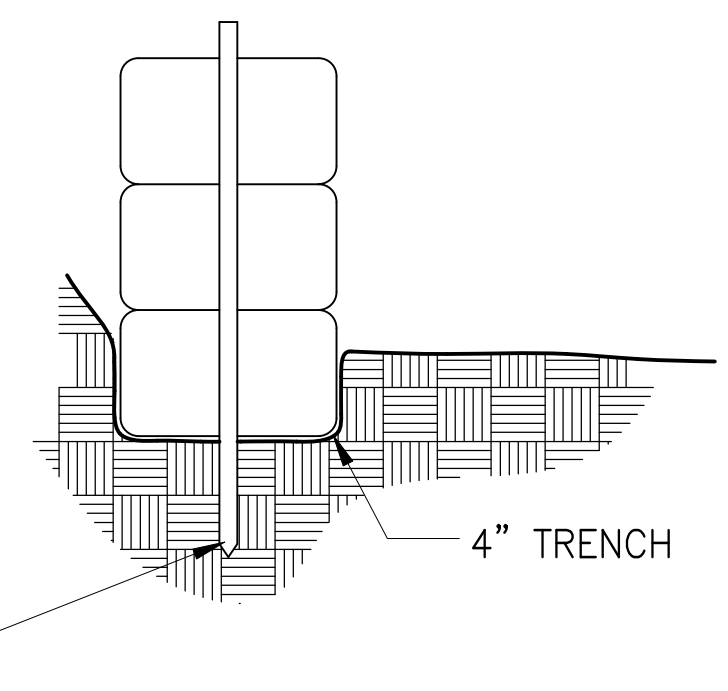
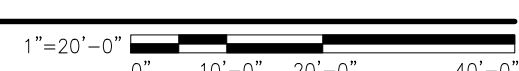
THE SUBJECT PROPERTY CONSISTS OF A WOODED, +/-1.0 ACRE LOT THAT SLOPES STEEPLY OFF OF EAST HYERDALE DRIVE TOWARD WOODRIDGE LAKE. THE SHORELINE HAS EXPERIENCED SIGNIFICANT EROSION AND THIS PLAN PROPOSES STABILIZATION OF THE ENTIRE PROPERTY SHORELINE WITH A RIP-RAP SLOPE PLUS THE INSTALLATION OF A BASIN AND PIPE TO CONVEY STORM WATER THROUGH THE PROPERTY. A PLUNGE POOL IS PROPOSED TO STILL STORM WATER PRIOR TO DISCHARGE TO WOODRIDGE LAKE. THE PRIMARY EROSION CONTROL WILL BE ACCOMPLISHED USING HAY BALE PROTECTION. A FILTER SOCK IS PROPOSED IN THE LAKE BOTTOM AS SECONDARY PROTECTION OF THE LAKE FROM SEDIMENT RUN-OFF.

CONSTRUCTION PHASING SEQUENCE

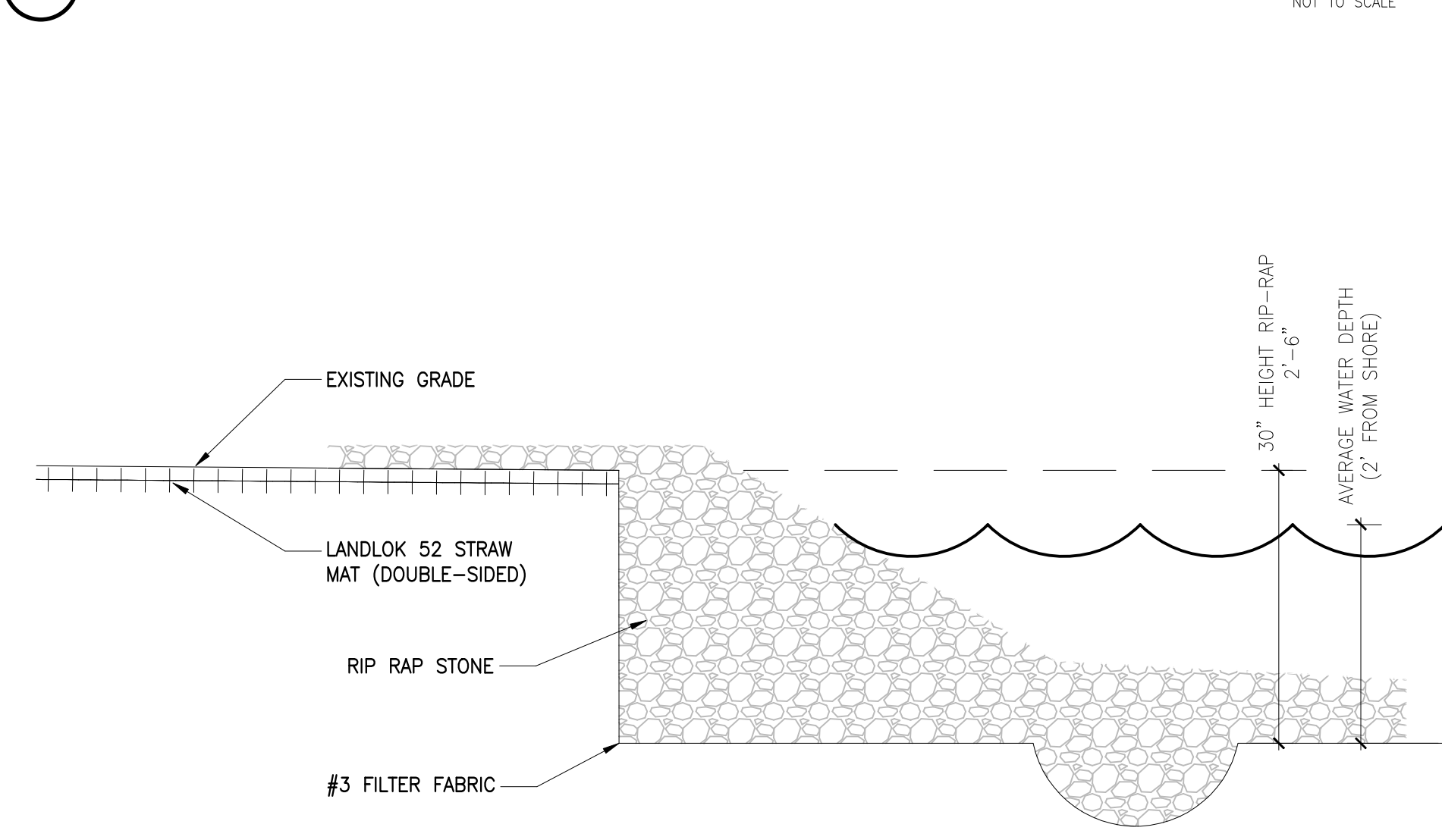
1. OBTAIN APPROVAL FROM TOWN OF GOSHEN INLAND WETLANDS COMMISSION FOR THE PROPOSED MODIFICATIONS TO THE SITE.
2. OBTAIN APPROVAL FROM THE WLPOA ECC FOR THE PROPOSED MODIFICATIONS TO THE SITE.
3. ONCE THE LAKE DRAWDOWN IS SUFFICIENT, INSTALL FILTER SOCK AND HAY BALES AS SHOWN ON THIS PLAN.
4. CLEAR THE LOT IN THE AREAS OF CONSTRUCTION AND REMOVE ALL WOOD/BRUSH FROM THE SITE.
5. INSTALL TEMPORARY ACCESSWAY AS SHOWN.
6. BUILD SLOPE ON SHORELINE USING CLEAN FILL FREE OF DEBRIS AND ORGANIC MATTER.
7. PLACE GEOTEXTILE AND BUILD RIP-RAP SLOPE IN ACCORDANCE WITH DETAIL.
8. STABILIZE ALL DISTURBED AREAS AND IMMEDIATELY SEED AND MULCH.
9. EXCAVATE AND BUILD PLUNGE POOL IN ACCORDANCE WITH DETAIL.
10. INSTALL 12" N12 CULVERT PIPE FROM PLUNGE POOL TO BASIN.
11. INSTALL BASIN PER PLAN INCLUDING MOUNDING TO PREVENT BLINDING.
12. GRADE, SEED, AND MULCH AREA OF TEMPORARY ACCESSWAY.
13. INSPECT SILT FENCE WEEKLY AND AFTER HEAVY RAIN EVENTS. REPAIR AS NEEDED.
13. MAINTAIN SILT FENCE UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH GRASS.



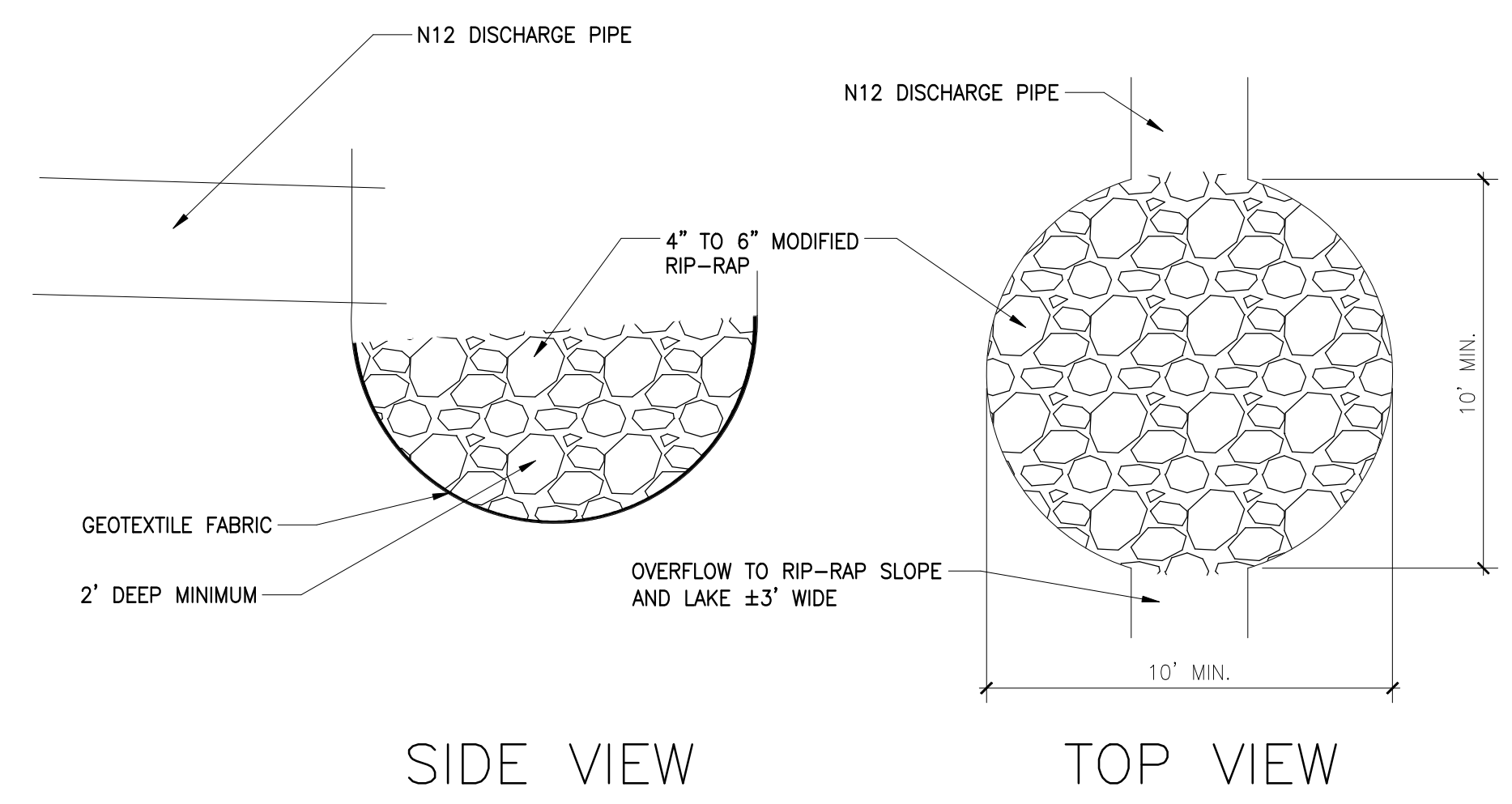
1 PLAN



2 SOIL EROSION CONTROL PROVISIONS (HAY BALE)



3 SHORELINE STABILIZATION TYPICAL CROSS-SECTION



4 PLUNGE POOL

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DES'D BY : WGC
APP'D BY : WGC
DRAWN BY : JMM,BLS
SCALE : AS-NOTED
DATE : 05-03-23
REVISION DATE :

VALID WITH RED SEAL ONLY
WILLIAM G. COLBY

**SHORELINE STABILIZATION PLAN
PROPERTY OF MARY HILL
#192 EAST HYERDALE DRIVE
GOSHEN, CONNECTICUT**

PROJECT # 23032
PLAN # CS-101