N/F
DANI SCHWARTZ & CYNTHIA KATZ-SCHWARTZ

N 74°27'32" E 244.87'
229.69'

STONE WALL

WOODS

WATER'S EDGE
12-17-2022
ELEV. 48.3

FILTER SOCK. INSTALL ON LAKE BOTTOM PRIOR TO CONSTRUCTION. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

SHRUB ROW

4"PVC

HAYBALES FOR EROSION CONTROL. REPLACE AT END OF EACH WORK DAY.

EXISTING DOCK

WOOD STEPS

GEN.

TRPL 8" W.BIR.

26.3'

15.8'
3.3'
5.3'
3.1'
7.2'

12.6'
7.0'

POR

SLATE

DBL12" W.BIR.

MATERIAL STAGING AREA
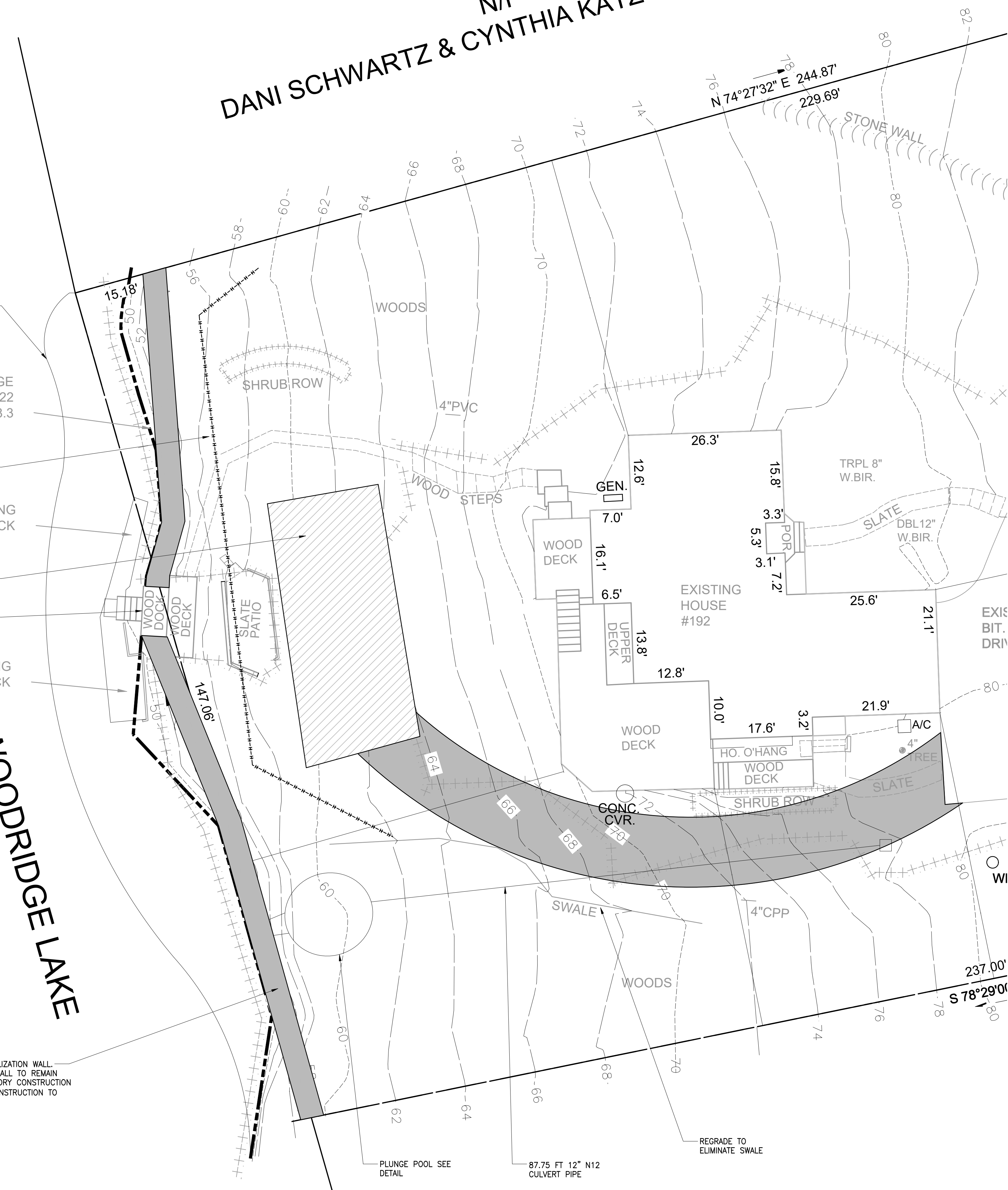
WOOD DECK

16.1'
6.5'
13.8'

EXISTING HOUSE #192

25.6'

ALL EXISTING STRUCTURES TO BE REMOVED AND REPLACED WITH STONE STEPS. UTILIZE RIP-RAP AND FILTER FABRICS AROUND STAIR AS NEEDED.

UPPER DECK

12.8'

EXIST BIT. DRIV

EXISTING DOCK

WOOD DOCK

SLATE PATIO

WOODRIDGE LAKE

147.06'

WOOD DECK

10.0'
17.6'
3.2'
21.9'

A/C

HO. O'HANG
WOOD DECK

TREE

SLATE

CONC. CVR.

64

66

68

70

72

SHRUB ROW

60

SWALE

4"CPP

WOODS

WI

PROPOSED RETAINING/SHORELINE STABILIZATION WALL. HEIGHT AND WIDTH VERY. FACE OF WALL TO REMAIN BEHIND WATERS EDGE. WALL TO BE DRY CONSTRUCTION (NO CONCRETE). DETAIL OF WALL CONSTRUCTION TO BE PROVIDED BY LDM SQUARED, LLC.

237.00'
S 78°29'00

PLUNGE POOL SEE DETAIL

87.75 FT 12" N12 CULVERT PIPE

REGRADE TO ELIMINATE SWALE

① SITE PLAN

1"=10'-0"
0' 5'-0" 10'-0" 20'-0"

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 WOODRIGE 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 WOODRIGE LAKE WILL BE IN A DEEP DRAWDOWN OF +/-5 FEET.
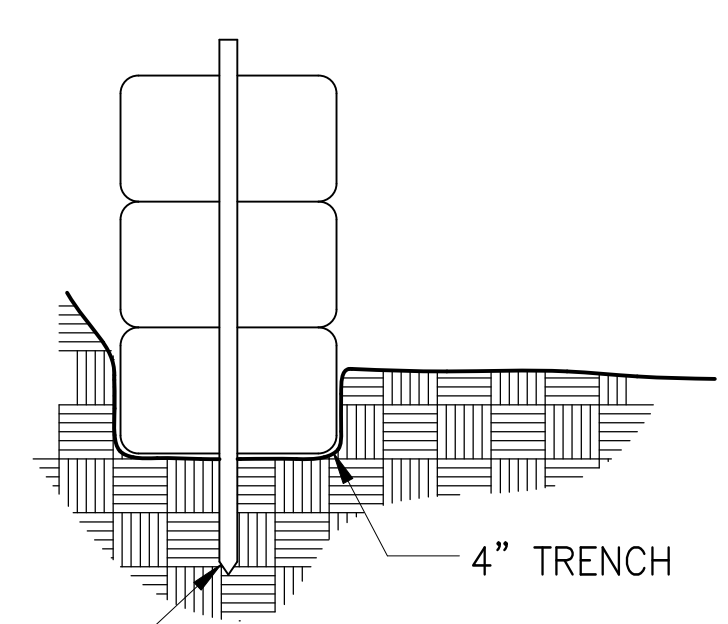
PROJECT DESCRIPTION

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 DRY STONE RETAINING WALL 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.
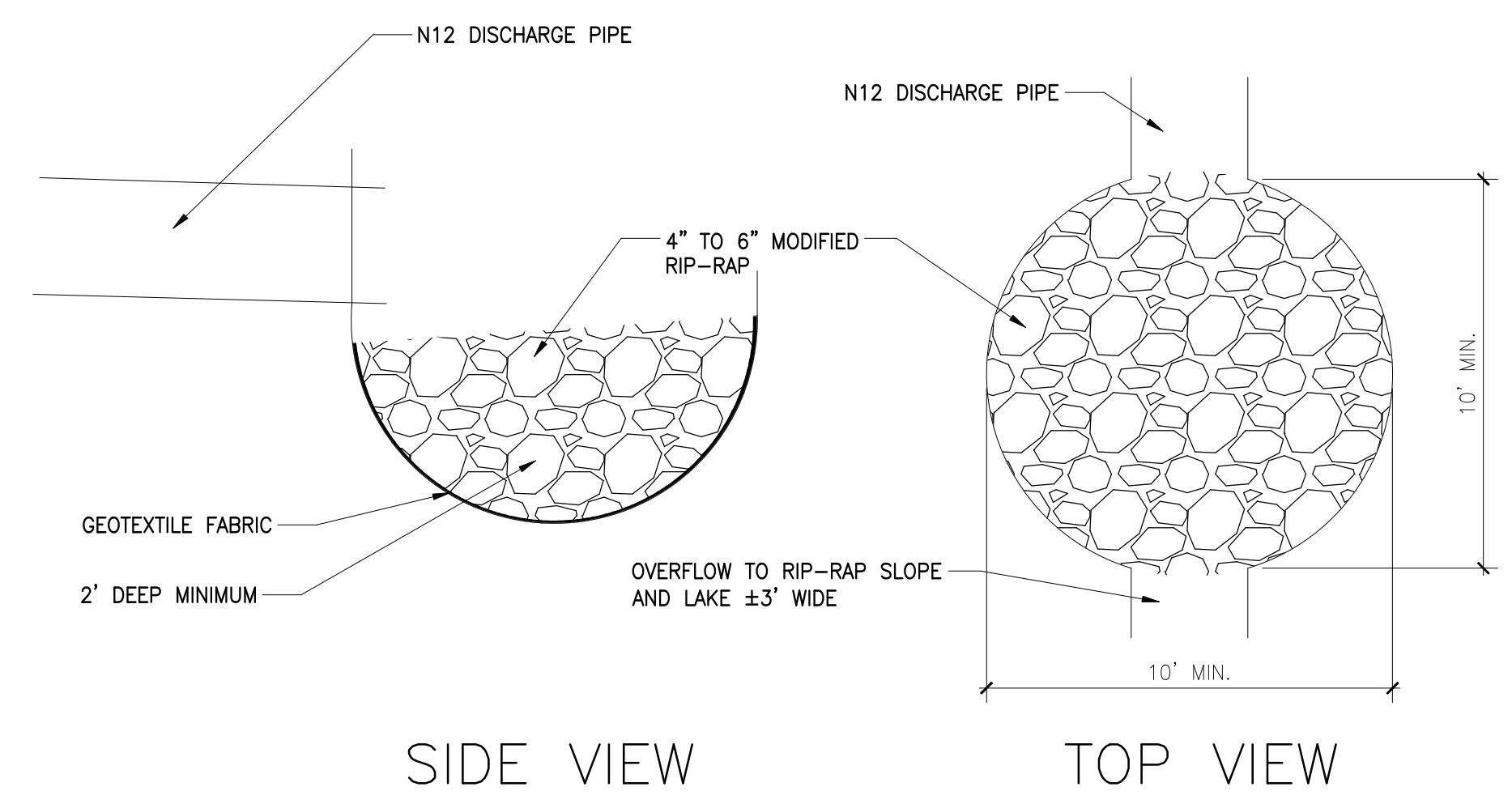
CONSTRUCTION PHASING SEQUENCE

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 DRAW DOWN 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 ACCESS WAY AS SHOWN.
6. EXCAVATE AREA OF PROPOSED WALL AND INSTALL DRAINAGE BEHIND WALL.
7. PLACE GEOTEXTILE AND BUILD DRY STONE RETAINING WALL IN ACCORDANCE WITH DETAIL TO BE PROVIDED BY LDM SQUARED, LLC.
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. INSTALL BASIN PER PLAN INCLUDING MOUNDING TO PREVENT BLINDING.
11. GRADE, SEED, AND MULCH AREA OF TEMPORARY ACCESS WAY.
12. INSPECT SILT FENCE WEEKLY AND AFTER HEAVY RAIN EVENTS. REPAIR AS NEEDED.
13. MAINTAIN SILT FENCE UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH GRASS.

4" TRENCH
2"x3" POST

② SOIL EROSION CONTROL PROVISIONS (HAY BALE)

N12 DISCHARGE PIPE

4" TO 6" MODIFIED RIP-RAP

N12 DISCHARGE PIPE

GEOTEXTILE FABRIC

2' DEEP MINIMUM

OVERFLOW TO RIP-RAP SLOPE AND LAKE ±3' WIDE

10' MIN.
10' MIN.

SIDE VIEW   TOP VIEW

③ PLUNGE POOL

NOT TO SCALE

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

PROJECT #
23032

SHEET #
CS-101