SEDIMENT AND EROSION CONTROL PLAN

THE SUBJECT PROPERTY IS AN DEVELOPED BUILDING LOT LOCATED ON THE 1. OBTAIN APPROVAL FROM TOWN OF GOSHEN INLAND WETLANDS 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.

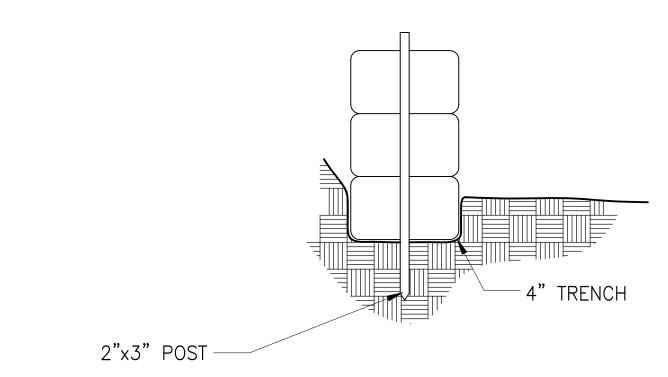
PROJECT DESCRIPTION

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

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 8. STABALIZE ALL DISTURBED AREAS AND IMMEDIATELY SEED AND 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.

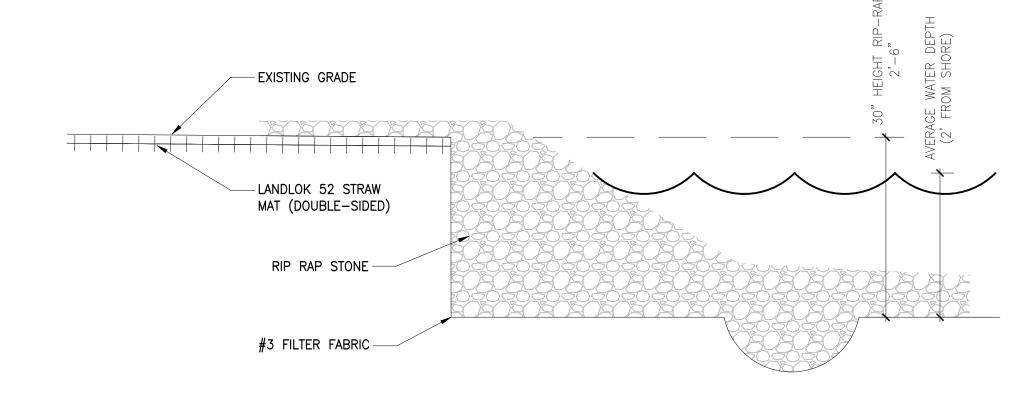
CONSTRUCTION PHASING SEQUENCE

- 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. INSTALL TEMPORARY ACCESSWAY AS SHOWN. 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.
- 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 ICLUDING MOUNDING TO PREVENT BLINDING. 11. GRADE, SEED, AND MULCH AREA OF TEMPORARY ACCESSWAY.
- 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.



SOIL EROSION CONTROL PROVISIONS (HAY BALE)

NOT TO SCALE



3 SHORELINE STABILZATION TYPICAL CROSS-SECTION

-N12 DISCHARGE PIPE N12 DISCHARGE PIPE $^-$ 4" TO 6" MODIFIED $^-$ RIP $^-$ RAP $_{\scriptscriptstyle \perp}$ GEOTEXTILE FABRIC -OVERFLOW TO RIP-RAP SLOPE AND LAKE ±3' WIDE 2' DEEP MINIMUM 10' MIN. SIDE VIEW TOP VIEW

PLUNGE POOL

— 2'x2' MINI—BASIN. UTILIZE BRICK TO CREATE AN OPEN THROAT ON UPHILL SIDE (2 BRICK HEIGHTS). CREATE MOUND AROUND BASIN TO PREVENT BLINDING.

-FILTER SOCK. INSTALL ON LAKE BOTTOM PRIOR TO CONSTRUCTION. INSTALL IN ACCORDANCE WITH WATER'S EDGE 12-17-2022 ELEV. 48.3 HAYBALES FOR EROSION CONTROL. REPLACE AT END OF EACH WORK DAY.-**EXISTING** MATERIAL STAGING AREA — WOODS EXISTING HOUSE #192 ALL EXISTING STRUCTURES TO BE REMOVED— BIT. CONC. DRIVEWAY EXISTING DOCK MOODRIDGE WOOD DECK CREATE SLOPE TO SUPPORT RIP-RAP (6" TO 10") USING CLEAN FILL MATERIAL. PLACE GEOTEXTILE FABRIC BEFORE PLACEMENT OF RIP-RAP. -REDIRECT 4" CPP TO BASIN

- 87.75 FT 12" N12 CULVERT PIPE

— PLUNGE POOL SEE DETAIL

- REGRADE

ELIMINATE SWALE

TEMPORARY SITE ACCESSWAY TO BE CONSTRUCTED OF COARSE PROCESS GRAVEL. USE HAYBALE CHECK DAMS AT END OF WORK DAY AND WHEN NOT IN USE. TO BE REMOVED AT COMPLETION OF WORK.

ERD

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PROPERT #192 EAST GOSHEN SHORELINE

23032

CS-101

NOT TO SCALE