

PROPOSED SITE PREPARATION & SECURITY

1. INSTALL CONSTRUCTION SECURITY FENCING AS SHOWN ON THE PLAN.
2. DE-ENERGIZE AND REMOVE EXISTING ELECTRIC TRANSFORMER. INSTALL TEMPORARY ELECTRIC SERVICE AS REQUIRED.
3. INSTALL TEMPORARY PEDESTRIAN AND TRAFFIC SAFETY CONTROL MEASURES AND SIGNAGE AS REQUIRED.
4. CLEAR TREES AND BRUSH ALONG SLOPE FOR CONSTRUCTION ACCESS AS SHOWN ON THE PLAN.

PROPOSED EROSION & SEDIMENTATION CONTROLS

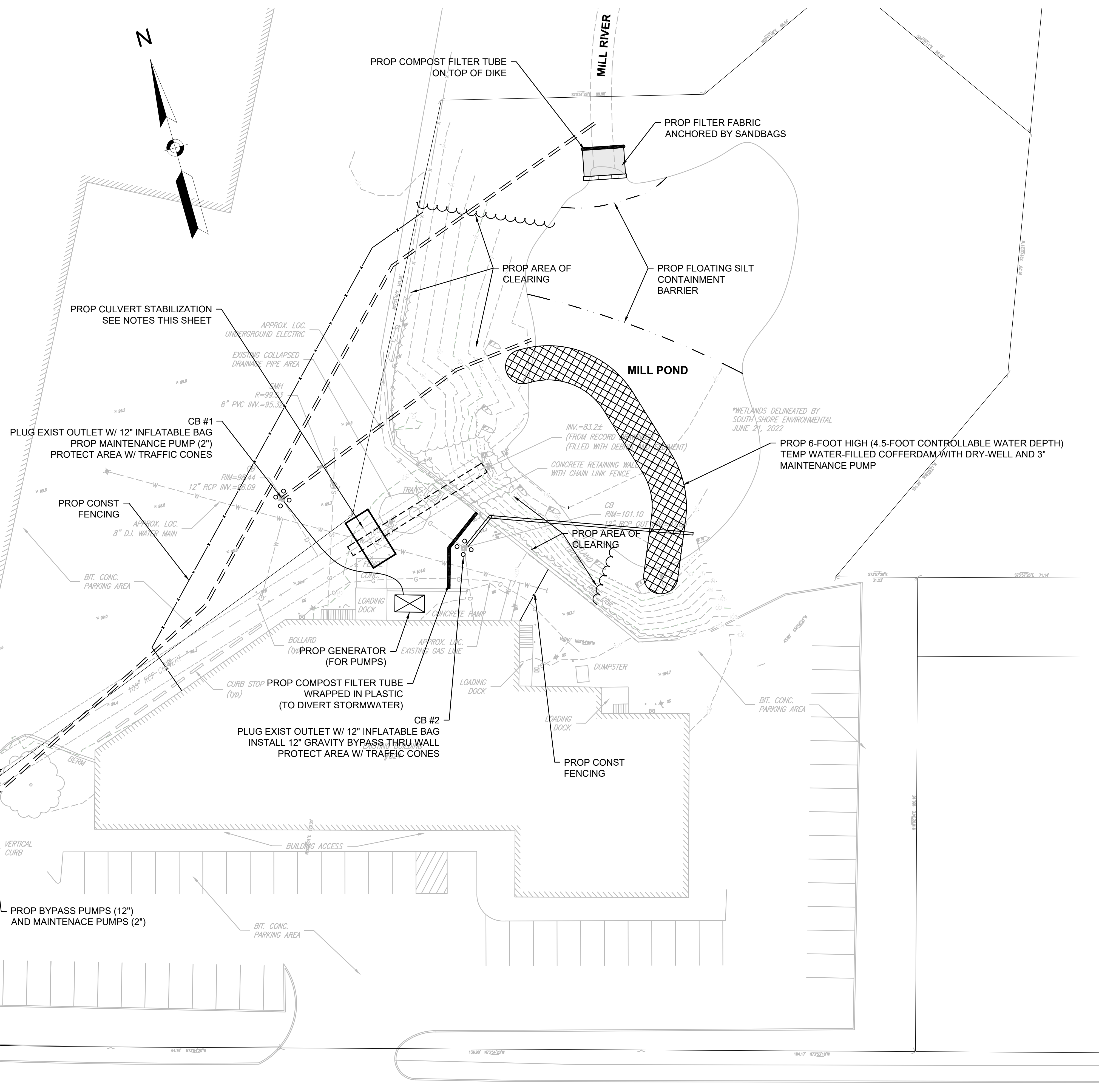
1. INSTALL ALL PROPOSED EROSIONS AND SEDIMENTATION CONTROLS (SILT SACKS, COMPOST FILTER TUBES, FILTER FABRIC, FLOATING SILT CONTAINMENT BARRIERS, ETC.) AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
2. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROLS WEEKLY AND AFTER EACH ½" STORM EVENT.

PROPOSED BYPASS PIPING & PUMPING

1. REMOVE DRAIN MANHOLE #1 (DMH #1) STRUCTURE AND EXPAND ACCESS HOLE TO 3-FOOT DIAMETER.
2. INSERT INTERNAL WEIR STRUCTURE IN DOWNSTREAM SEGMENT OF CULVERT.
3. INSTALL DIESEL POWERED, FLOAT OPERATED, STORMWATER BYPASS PUMPS (12") AND MAINTENANCE PUMPS (2"). DIRECT DISCHARGE BEYOND STONE DIKE AT POND OUTLET AS SHOWN ON THE PLAN.
4. PLUG EXISTING OUTLET IN CATCH BASIN #1 (CB #1), INSTALL MAINTENANCE PUMP (2") AND DIRECT DISCHARGE TO POND AS SHOWN ON THE PLAN.
5. PLUG EXISTING OUTLET IN CATCH BASIN #2 (CB #2). CORE HOLE THROUGH RETAINING WALL AND INSTALL BURIED SLEEVE THROUGH WALL. INSTALL MAINTENANCE PUMP (2") AND DIRECT DISCHARGE TO POND AS SHOWN ON THE PLAN.
6. INSTALL TEMPORARY SANDBAG COFFERDAM AT EXISTING CULVERT INLET (MIDDLE STREET).
7. INSTALL TEMPORARY WATER-FILLED COFFERDAM AT EXISTING CULVERT OUTLET (MILL POND).

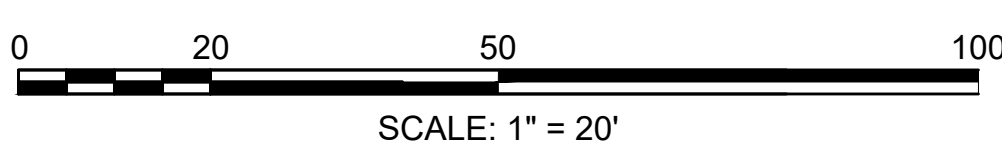
PROPOSED CULVERT STABILIZATION

1. INSERT 10' W X 20' L X 10' H SHORING BOX OVER FAILED SECTION OF CULVERT AND RCP/CMP TRANSITION, AND BACKFILL TO SECURE.
2. REMOVE OBSTRUCTING/COLLAPSED SECTION OF CULVERT.
3. VACUUM EXCAVATE SEDIMENT WHERE POSSIBLE. FLUSH OUT REMAINING MATERIAL.
4. INSTALL 60 FEET OF 48-INCH HIGH DENSITY POLYETHYLENE (HDPE) PLASTIC PIPE, WITH COUPLINGS EVERY 10 FEET, FROM EXISTING 108" RCP LIMITS TO EXISTING 108" CMP OUTFALL.
5. SANDBAG HDPE PLASTIC PIPE INLET AND OUTLET LOCATIONS.
6. BACKFILL ANNULAR SPACE WITH EXCAVATABLE FLOWABLE FILL.
7. BACKFILL SINKHOLE FOR REPAIR-PHASE EQUIPMENT ACCESS ABOVE CULVERT.



PROGRESS 09-16-22

WASHINGTON STREET (ROUTE 53)



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PROJECT TEAM

WEYMOUTH CULVERT REPAIR
824 WASHINGTON ST.
WEYMOUTH, MA

PROJECT INFO

REV	DESCRIPTION	DATE

STAMP:

PROPOSED SITE ENABLING AND STABILIZATION PLAN

SHEET NAME:

C-1

SHT NO:
DR BY: EJR
CHK BY: EDC
PROJ NO: 40955.00
DATE: 09/16/22
SCALE: 1" = 20'

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