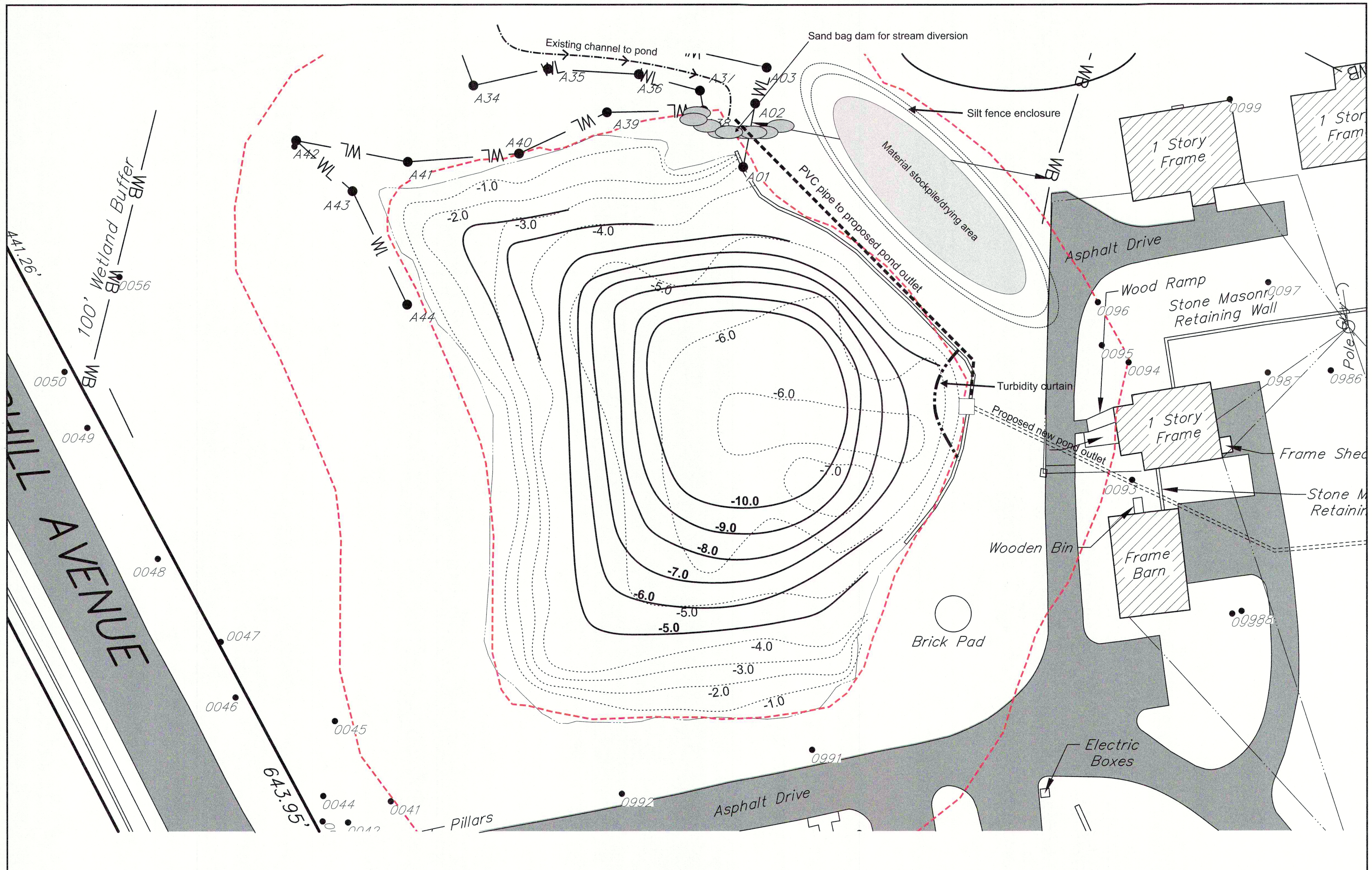


NOTES:

1. It is proposed to dredge the existing pond from the current maximum depth of seven feet to a new maximum depth of ten feet (see attached dredging plan. Approximately 1,400 cubic yards of material will be removed from the pond and used on site as fill material. No excavated material will be placed in delineated wetland areas or trucked off site.

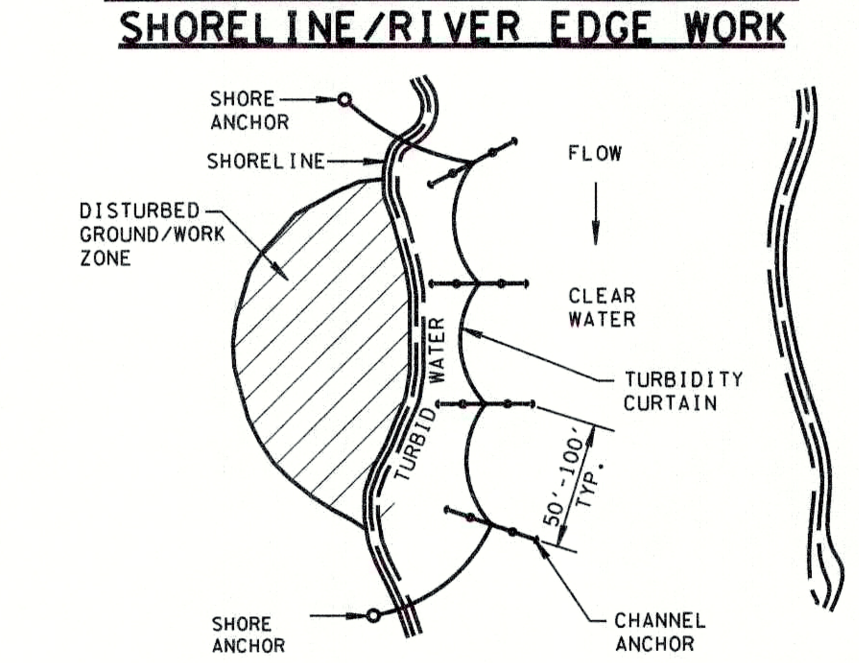
2. The dredged material, which is primarily sandy material eroded from the inlet stream channel, will be stockpiled in the grass area north of the pond within a double ring of silt fence until dried, then moved around the site as fill. The inlet stream draining to the pond will be diverted to the pond outlet by the use of sand bags and PVC pipe. Clean pond water will also be pumped out to the outlet prior to the commencement of dredging.

3. Using this method, silty material churned up during the dredging process will re-settle within the pond and never reach the pond outlet so that downstream waters are protected. As noted, the pond sediments are primarily made up of a heavy sandy material and settle quickly.

Pond restoration sequencing:

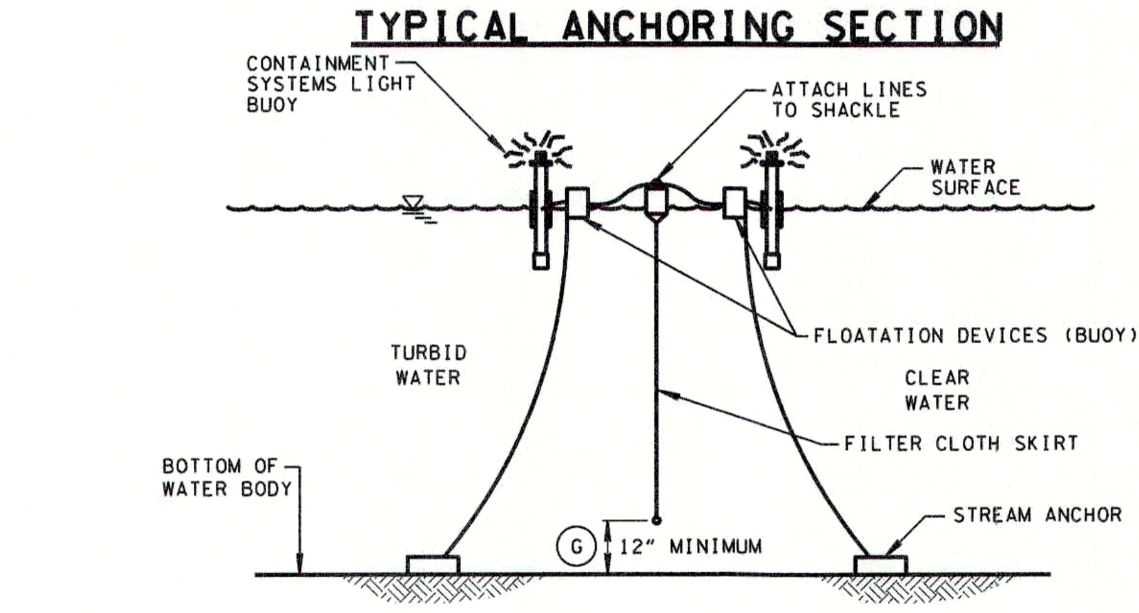
1. Install filter fabric silt fence for stockpile/drying area and necessary tree protection..
2. Install sandbag/diversion pipe structure to existing outlet downstream of pond.
3. Pump down pond to the extent practicable. Exact specifications and locations of pumps and accessories will be determined by the contractor at the time of the pond dredging.
4. Remove excess material from pond and place in deposition area as shown on plan. Work must proceed slowly to minimize clouding and water quality issues.
5. Initial removal may be completed with a "hydrodredging" system to removed lighter organic materials form pond bottom. The removed material will be pumped to a "dirt-bag" containment system with in the stockpile area for drying. Return channels may be necessary depending on final dredging method to be used. If necessary, return channels will be draped with plastic liners as recommended.
6. Remaining heavier sandy material will be removed using an excavator or dragline. A ramp will be constructed at the pond edge for access.
7. When dry, the spoils materials will be utilized as fill on site.
8. Remove diversion pipe and restore flow to pond. A turbidity curtain will be placed at the pond outlet so that any suspended sediments will be contained within the pond. The curtain will remain in place until the silts have settled and the outlet is flowing clear.
9. Following re-location of dried dredge materials or dirt-bags (depending on method used) the spoils area will be restored and re-vegetated as shown on the site landscape plans.

TYPICAL ANCHORING PLAN FOR SHORELINE/RIVER EDGE WORK



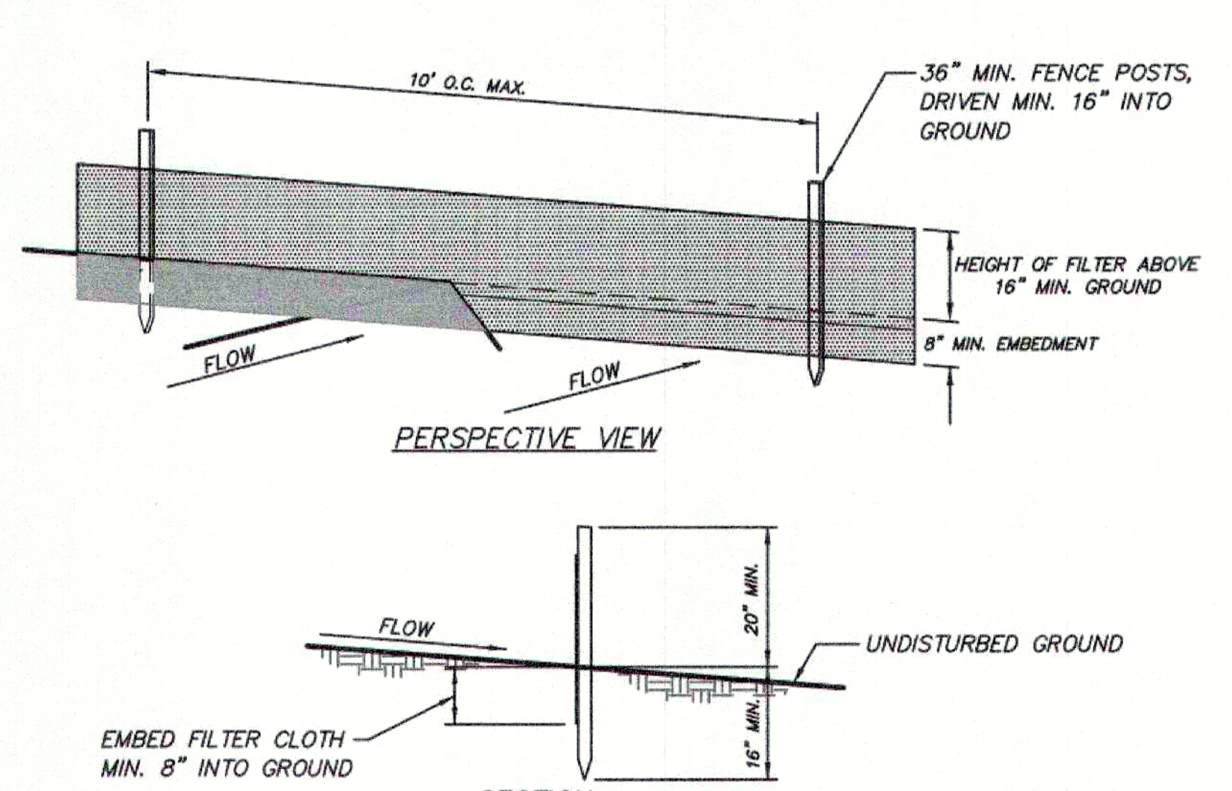
PLAN VIEW

TYPICAL ANCHORING SECTION



SECTION A-A

AUTOMATIC FLASHING LIGHT BUOY (ON AT DUSK-OFF AT DAWN) 100' ON CENTER SHALL BE USED IN NAVIGABLE CHANNELS ONLY

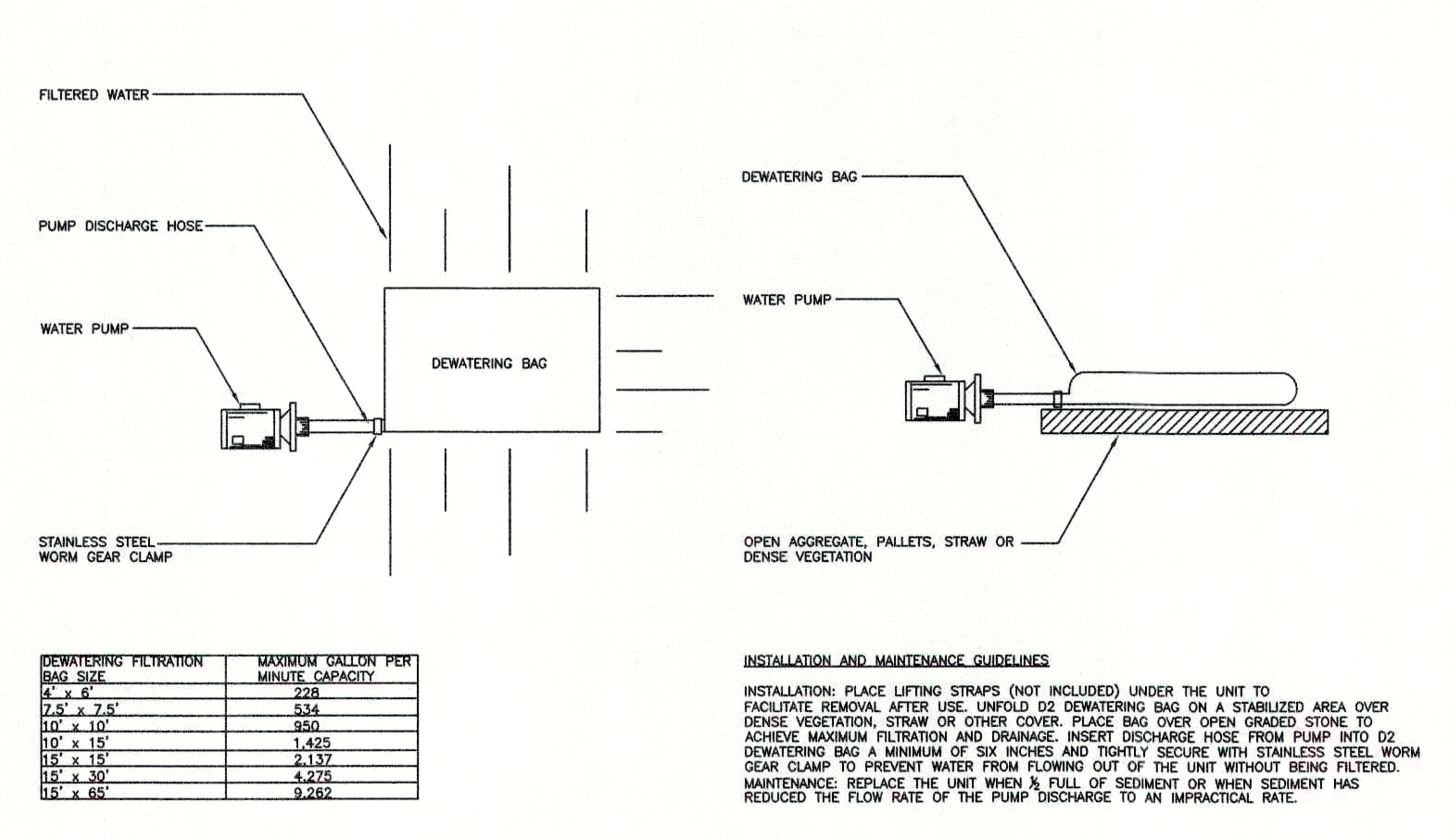


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

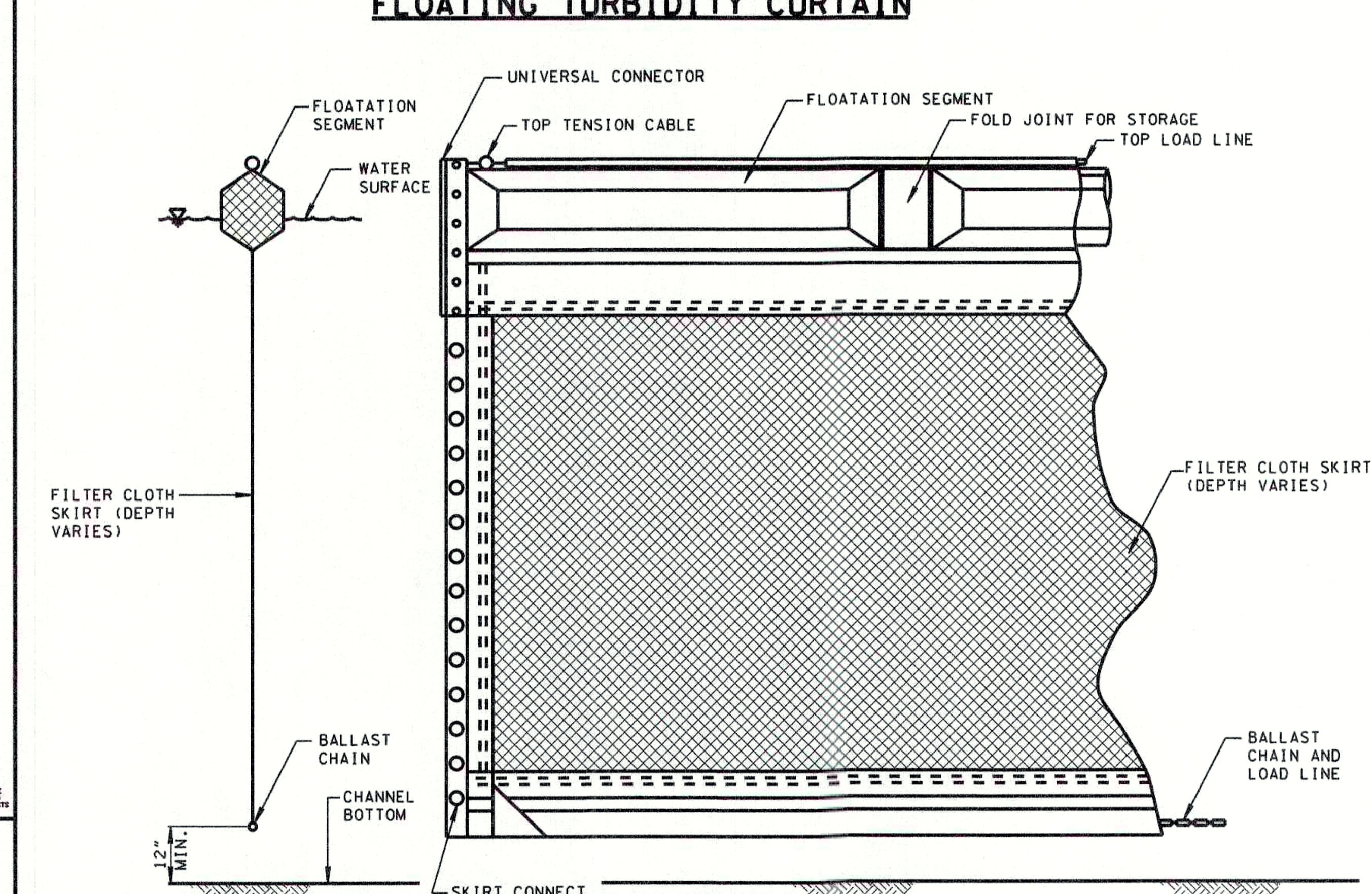
Silt fence detail



A PRODUCT OF: D2 LAND & WATER RESOURCE, INC.
2600 BLOYD AVE. INDIANAPOLIS, IN 46218
PH: (800) 597-2180 FAX: (317) 917-2181

DESCRIPTION: NON-WOVEN DEWATERING BAG STANDARD DETAIL AND SIZING CHART
DATE ISSUED: 08/26/16 | DRAWN BY: JAR | CHK'D BY: JAB | SCALE: N.T.S.
DRAWING NAME: D2 DEWATERING BAG DETAIL A01

FLOATING TURBIDITY CURTAIN



APPROVED
Resolution Number 23-13
Date July 17, 2023

Tim Miller Associates, Inc.
Environmental and Planning Services
10 North Street, Cold Spring, NY
845 265 4400

Pond dredging plan for
Underhill Farms
Underhill Avenue
Town of Yorktown
Date: 1/9/24, Rev. 5/15/24
Base survey by Badey and Watson Surveying and Engineering P.C.
Bathymetry Survey by Tim Miller Associates