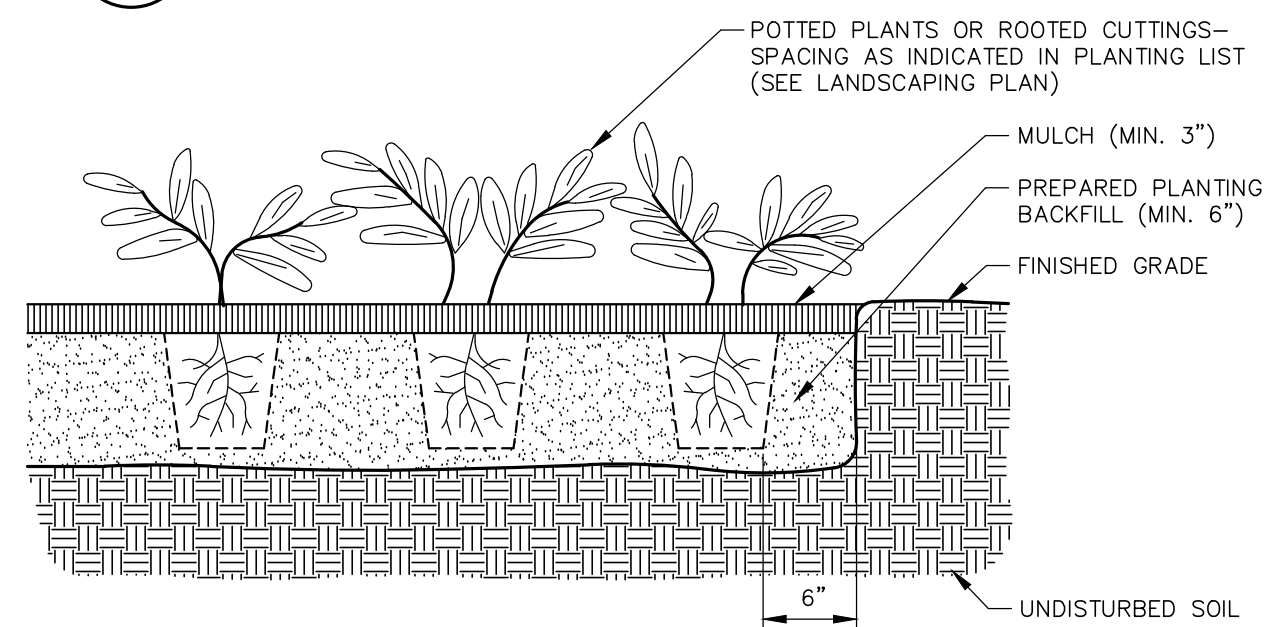
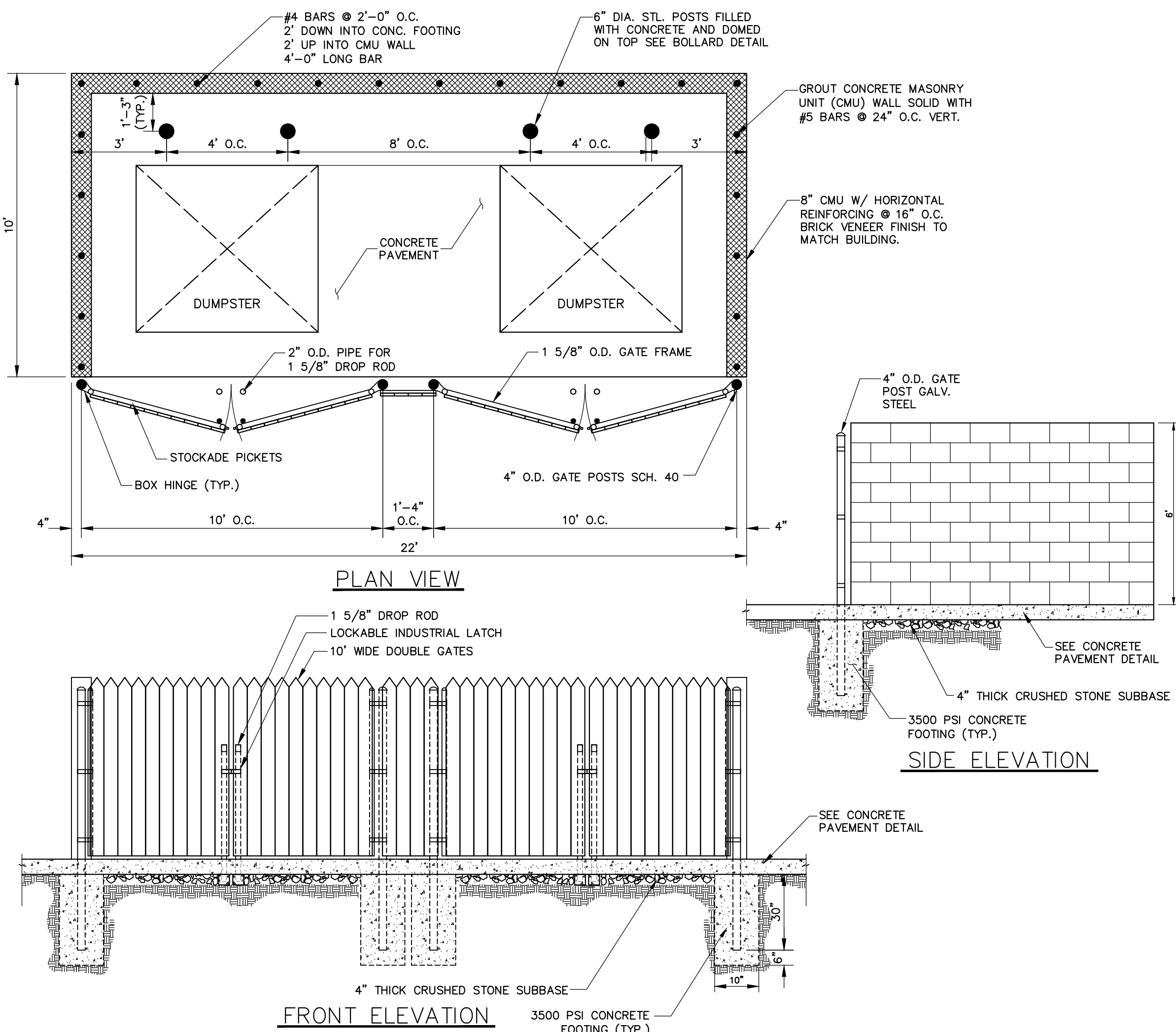


NOTES:  
 1. MAX HEIGHT OF STONE FILTER SHALL NOT EXCEED 18" OR AN ELEVATION EQUAL TO 6" LOWER THAN THE ELEVATION OF THE RESPECTIVE POND'S EMERGENCY SPILLWAY.

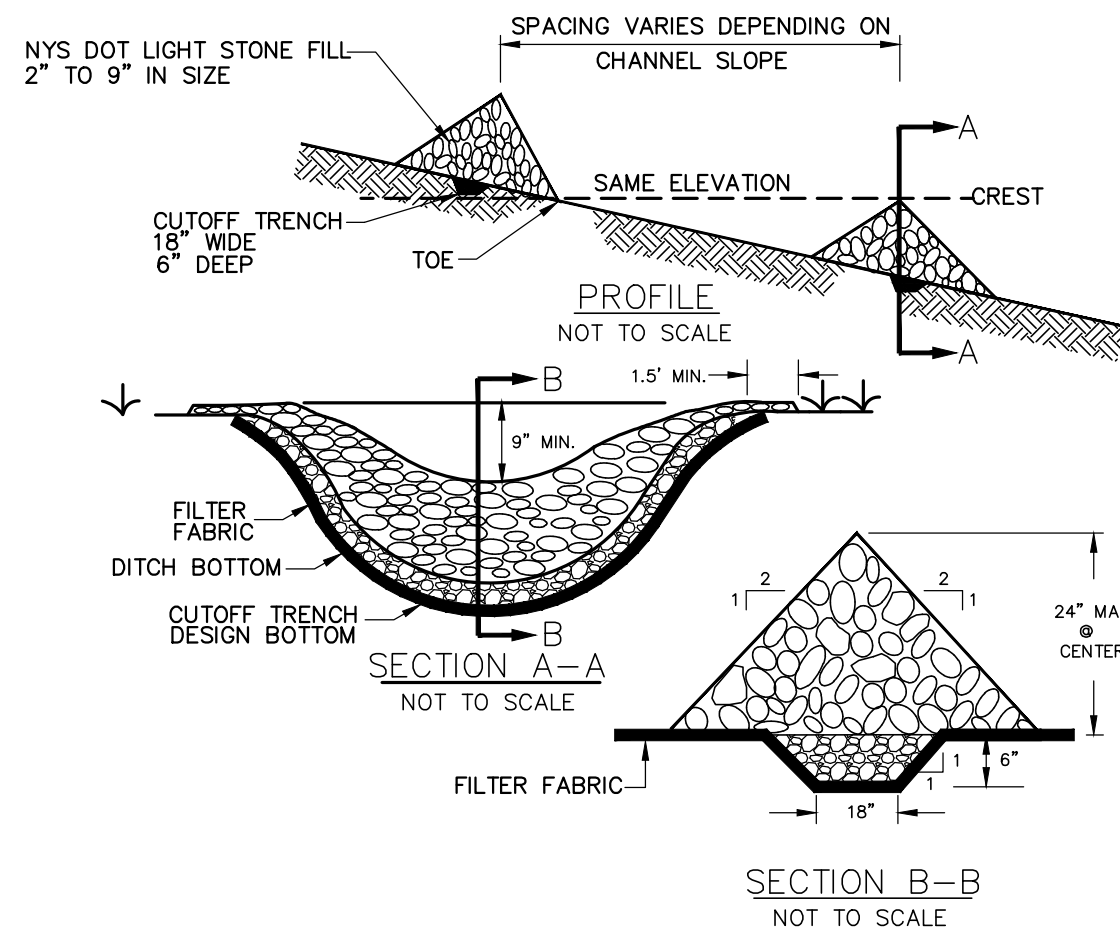
**1 TEMPORARY STONE FILTER**



**2 GROUND COVER PLANTINGS**



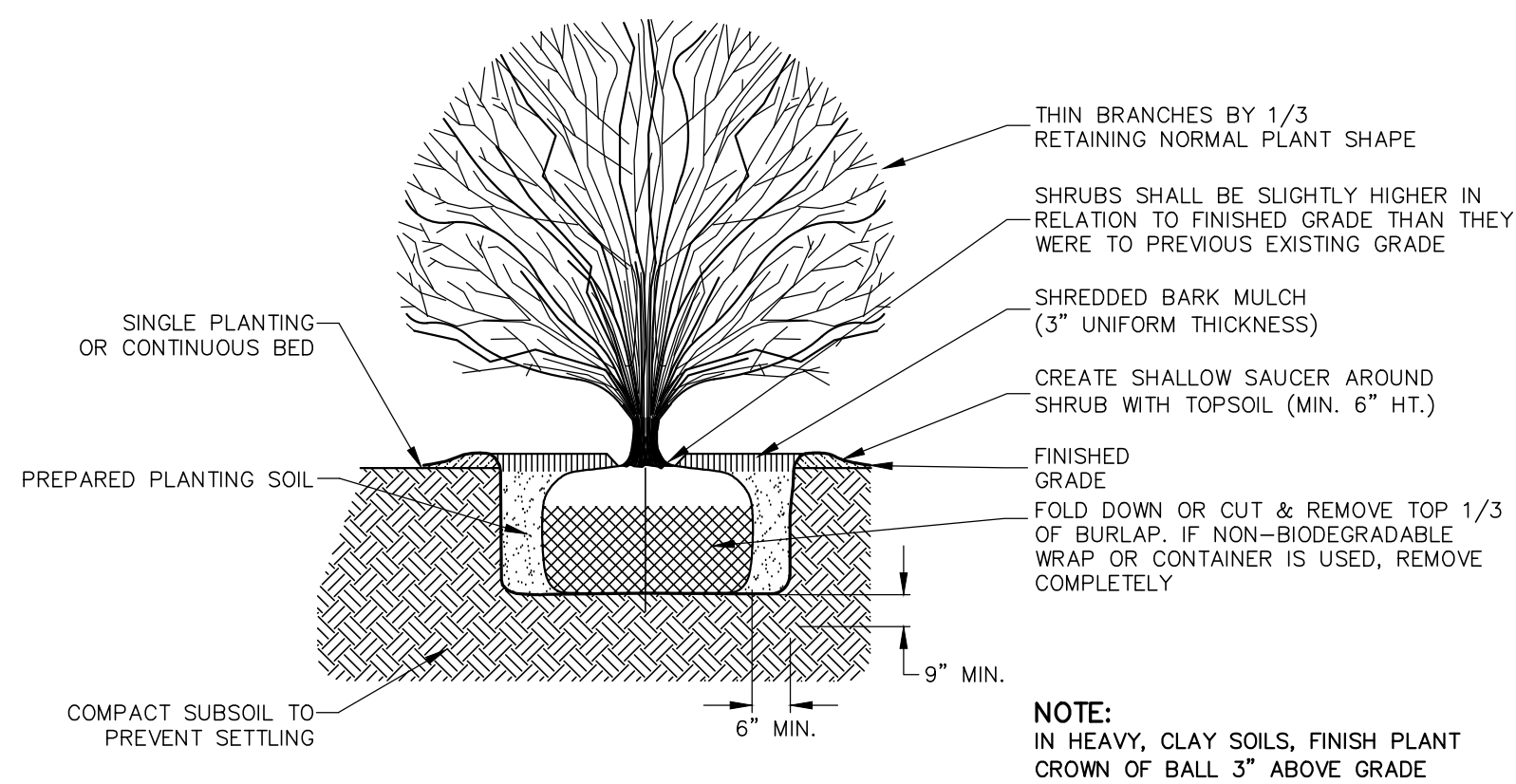
**8 DUMPSTER ENCLOSURE**



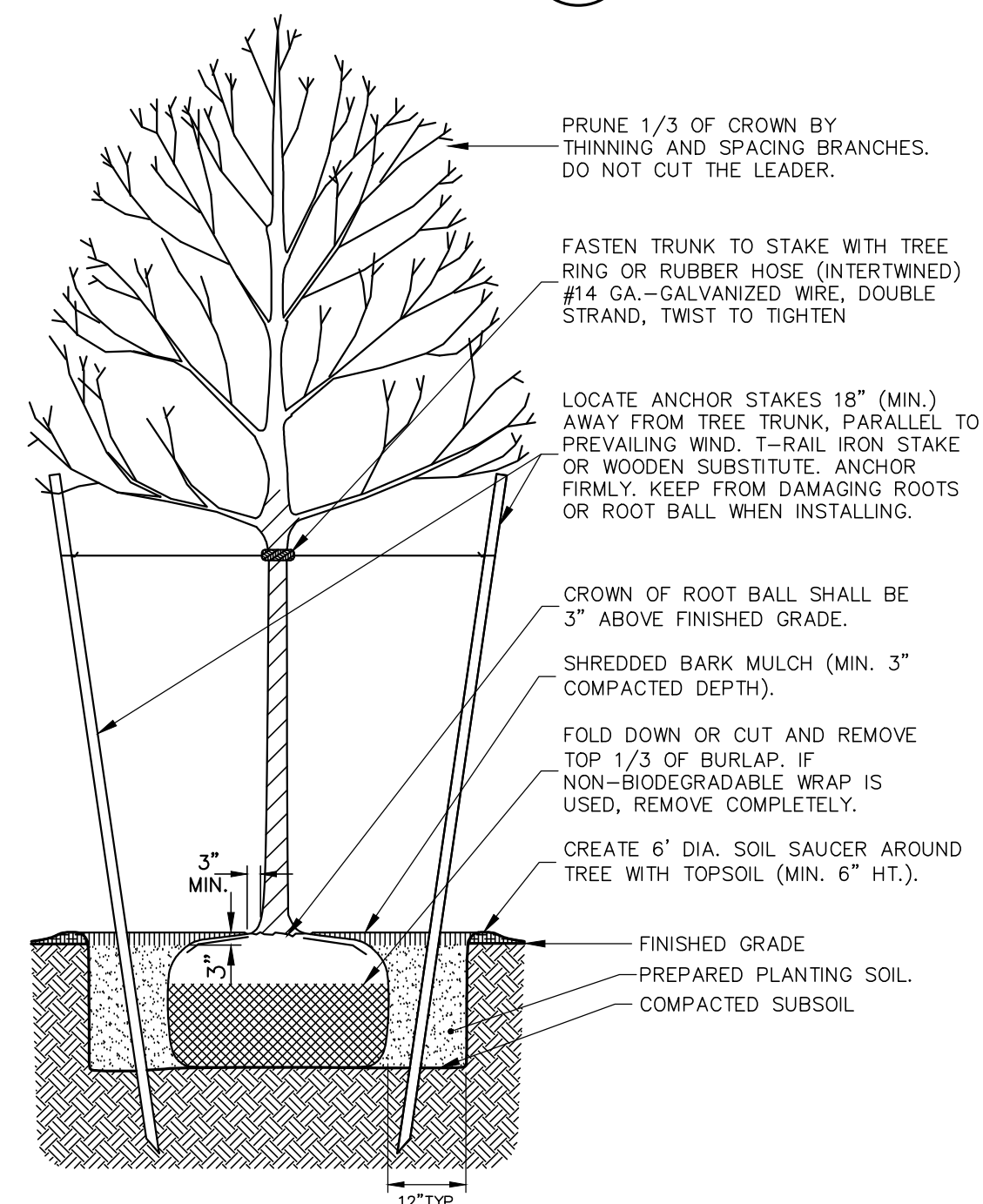
**CONSTRUCTION SPECIFICATIONS**

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATION SHOWN ON IN THE PLAN
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OF BLOCKAGE FROM DISPLACED STONES.

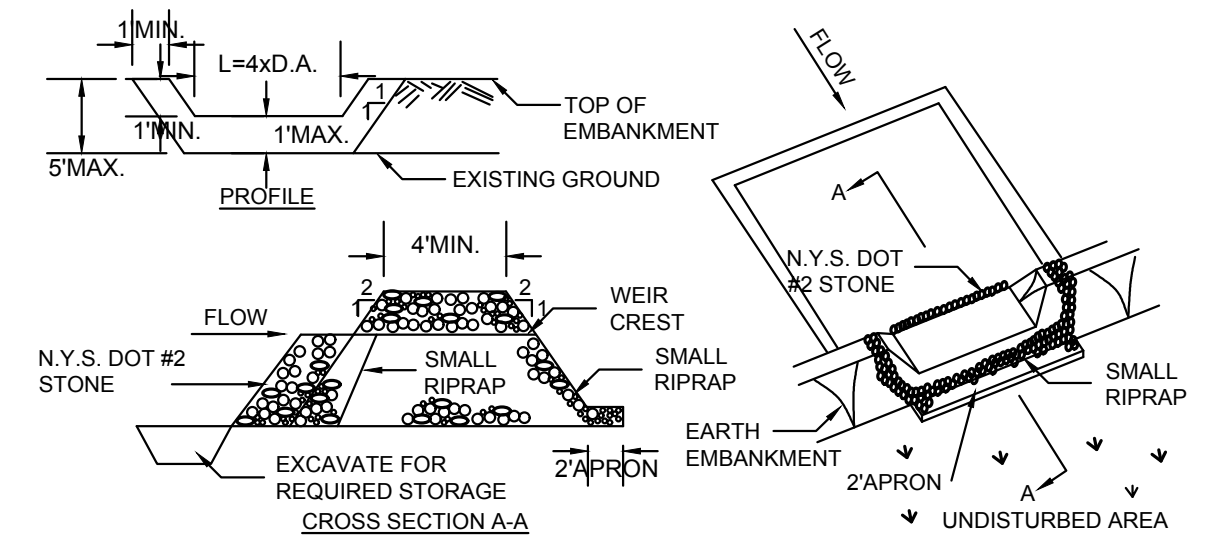
**3 STONE CHECK DAM**  
 SCALE: N.T.S.



**5 SHRUB PLANTINGS**



**6 DECIDUOUS PLANTINGS**



PROVIDE A ONE FOOT LAYER OF N.Y.S. DOT #2 STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP IN PLACE OF THE EMBEDDED FILTER CLOTH.

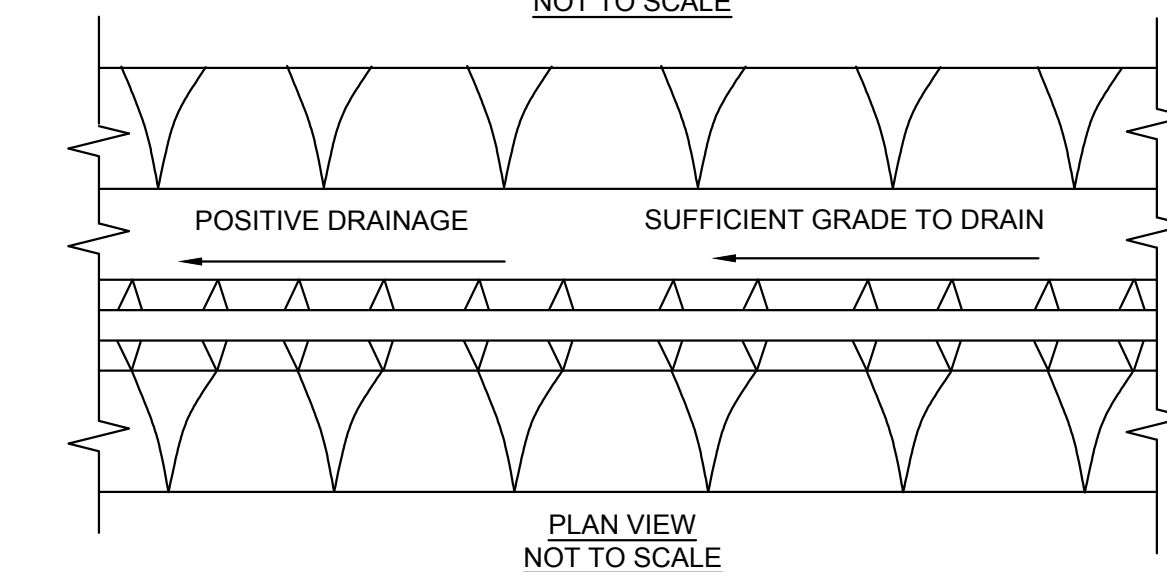
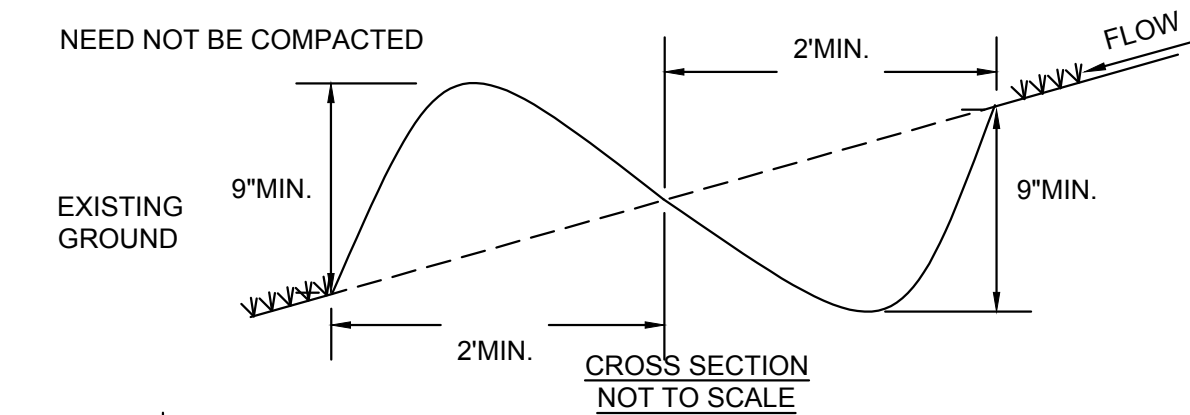
**CONSTRUCTION SPECIFICATIONS**

- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
- THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

TRAP DESIGNATION	DRAINAGE AREA	REQUIRED VOLUME	PROVIDED VOLUME	CLEAROUT DEPTH	CREST ELEVATION*	CREST WIDTH
SEDIMENT TRAP #1	±1.5 AC	±5,400 CF	TBD	TBD	TBD	TBD
SEDIMENT TRAP #2	±1.5 AC	±5,400 CF	TBD	TBD	TBD	TBD

\* CREST ELEVATION CORRESPONDS TO THE BOTTOM OF STONE ELEVATION OF THE OUTLET

**4 STONE OUTLET SEDIMENT TRAP**



**CONSTRUCTION SPECIFICATIONS**

- ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
- STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 10 DAYS.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

MAX. DRAINAGE AREA LIMIT: 2 ACRES

**7 PERIMETER DIKE/SWALE**

JOB NO: 0841-17  
 SCALE: NA  
 DRAWN: AMF  
 DESIGNED: AMF  
 DATE: 06/13/17

REVISIONS		
DATE	BY	REVISION
09/13/17	AF	REVISED PER TOWN COMMENTS

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ADAM M. FISHEL

DRAWING TITLE:  
**Detail Sheet**  
 (2 of 5)

10 of 13  
 SHEET No: **C-7.1**  
 0841-17  
 JOB No: DRAWING No: