

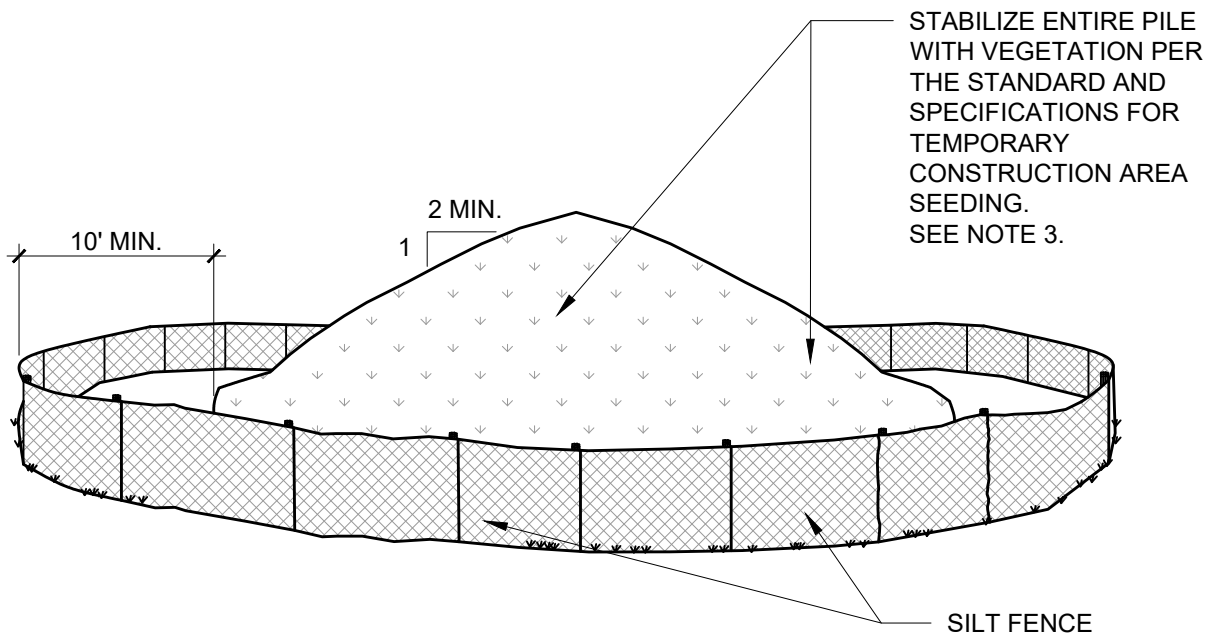
**Arche Solar Project**

**Case No. 20-0979-EL-BGN**



**Exhibit N**

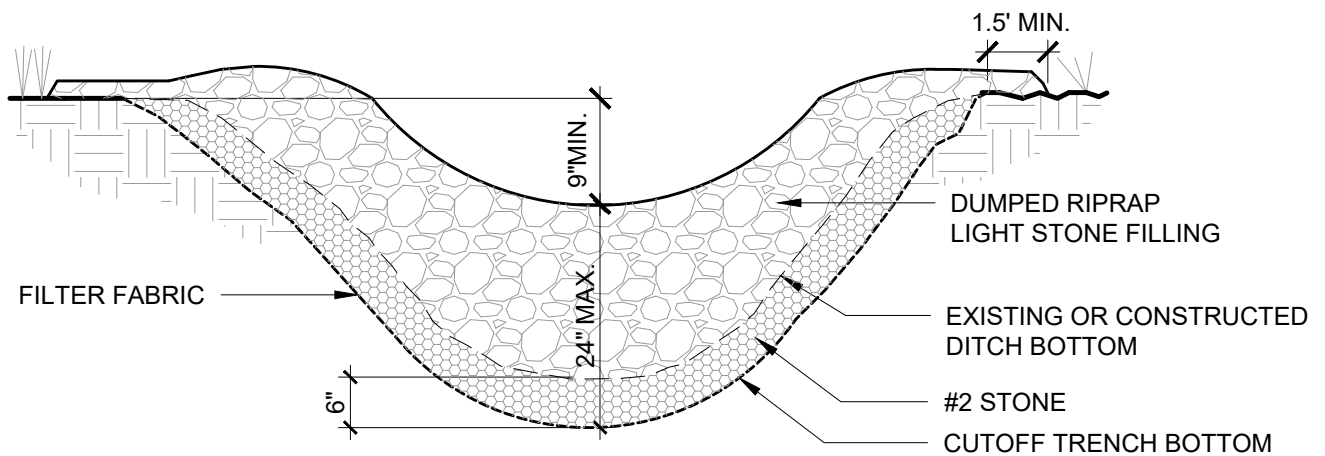
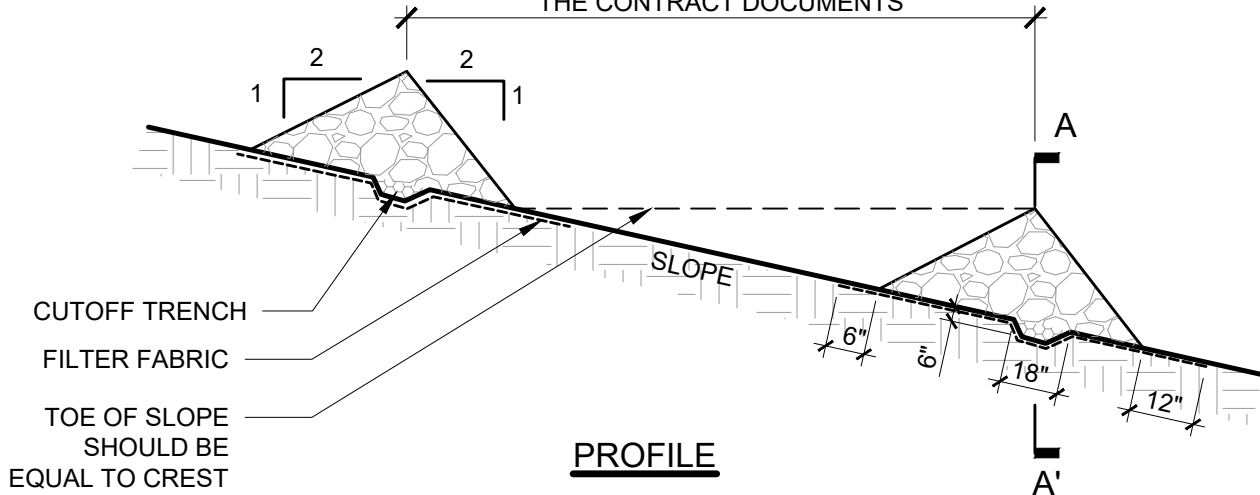
**Erosion and Sediment Control BMPs**



**NOTES:**

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY, STABILIZED AND LOCATED AWAY FROM KNOWN WORK AREAS TO PREVENT RELOCATION.
2. MAXIMUM STOCKPILE HEIGHT SHALL BE 12 FEET.
3. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, INSTALLED PER SILT FENCE DETAIL, THEN STABILIZED IN ACCORDANCE WITH THE OHIO DEPARTMENT OF TRANSPORTATION STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA SEEDING WITHIN 7 DAYS OF COMPLETION.
4. A PERIMETER DIKE/SWALE SHALL BE LOCATED UP-SLOPE OF THE TOPSOIL STOCKPILE TO DIVERT STORMWATER AROUND THE STOCKPILE.

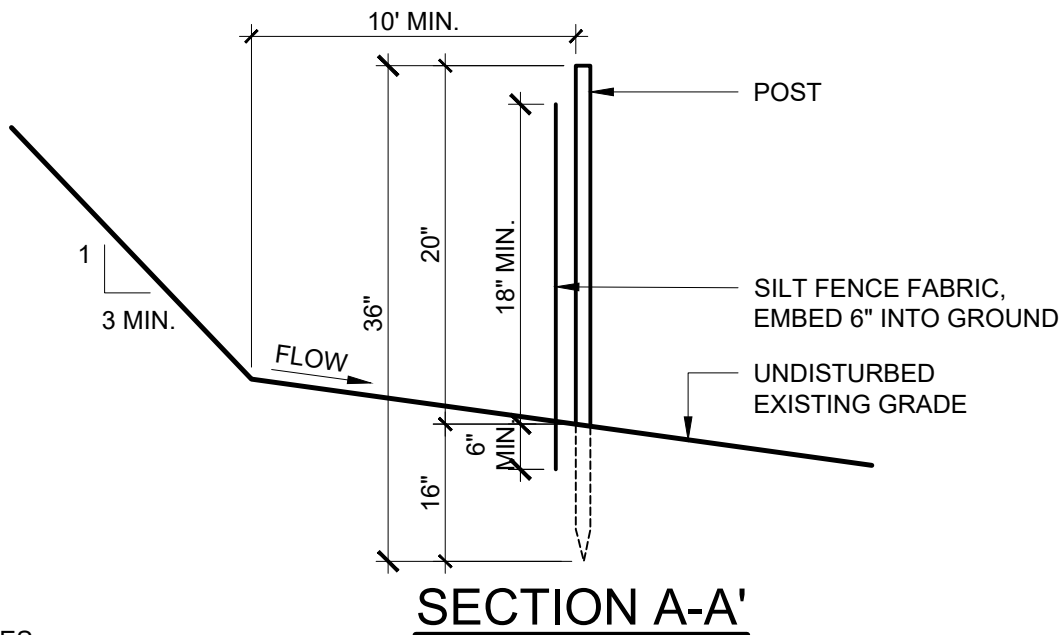
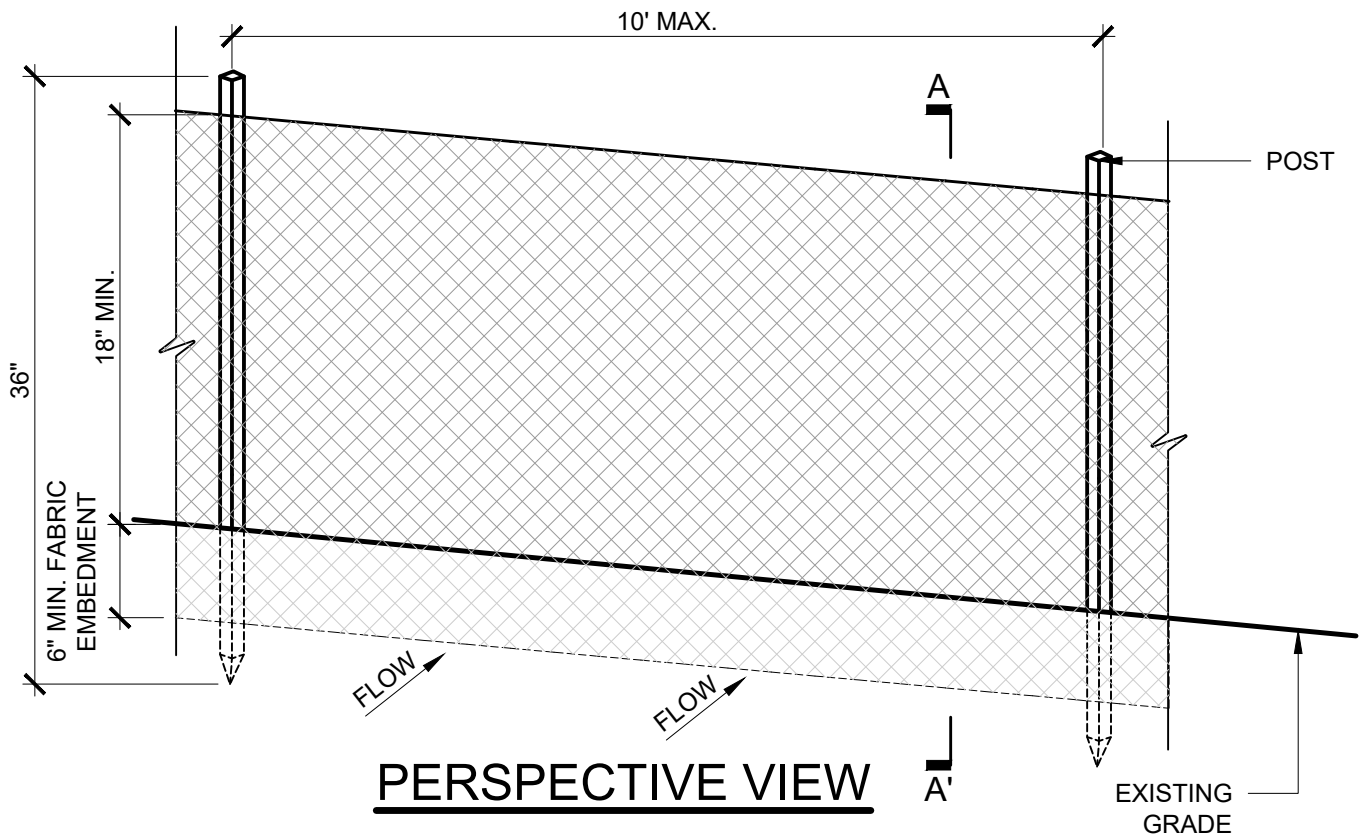
SPACING VARIES DEPENDING ON  
CHANNEL SLOPE OR AS SHOWN ON  
THE CONTRACT DOCUMENTS



**SECTION A-A'**

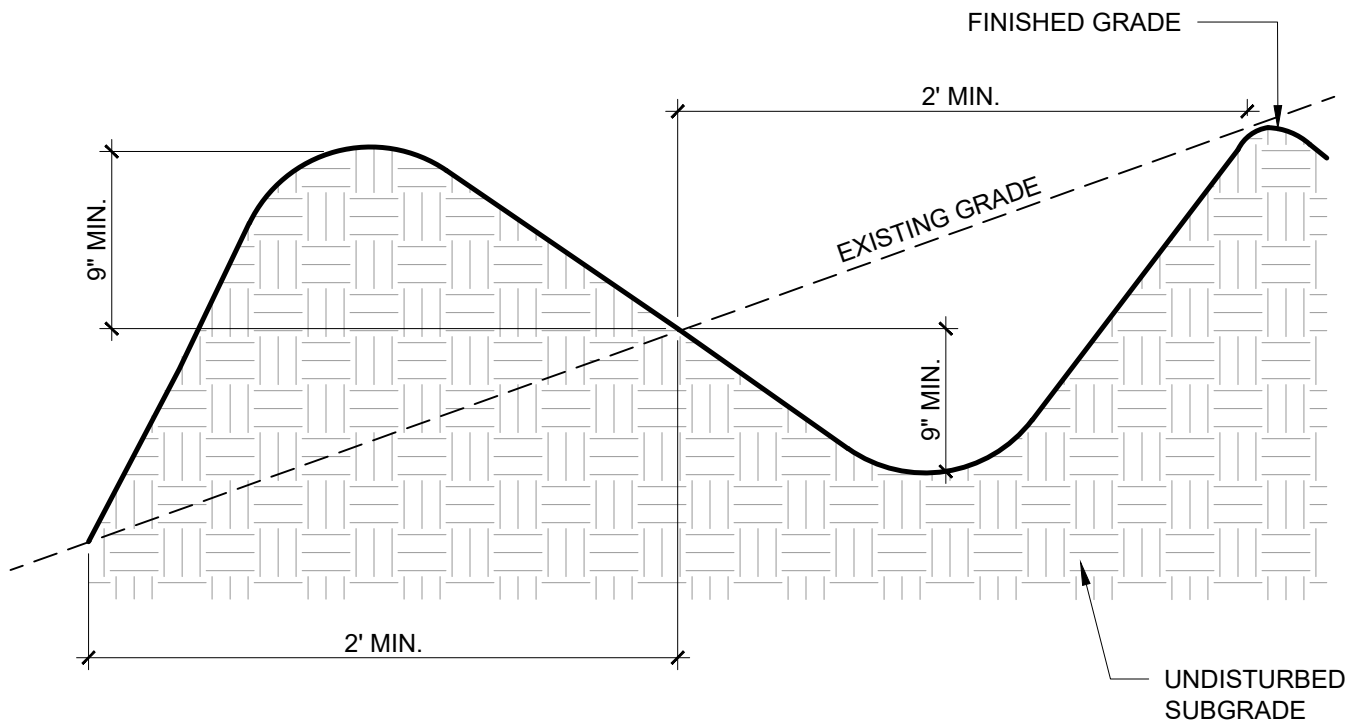
**NOTES:**

1. STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT STORMWATER FROM FLOWING AROUND THE CHECK DAM.
3. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
4. MAXIMUM DRAINAGE AREA 2 ACRES.



**NOTES:**

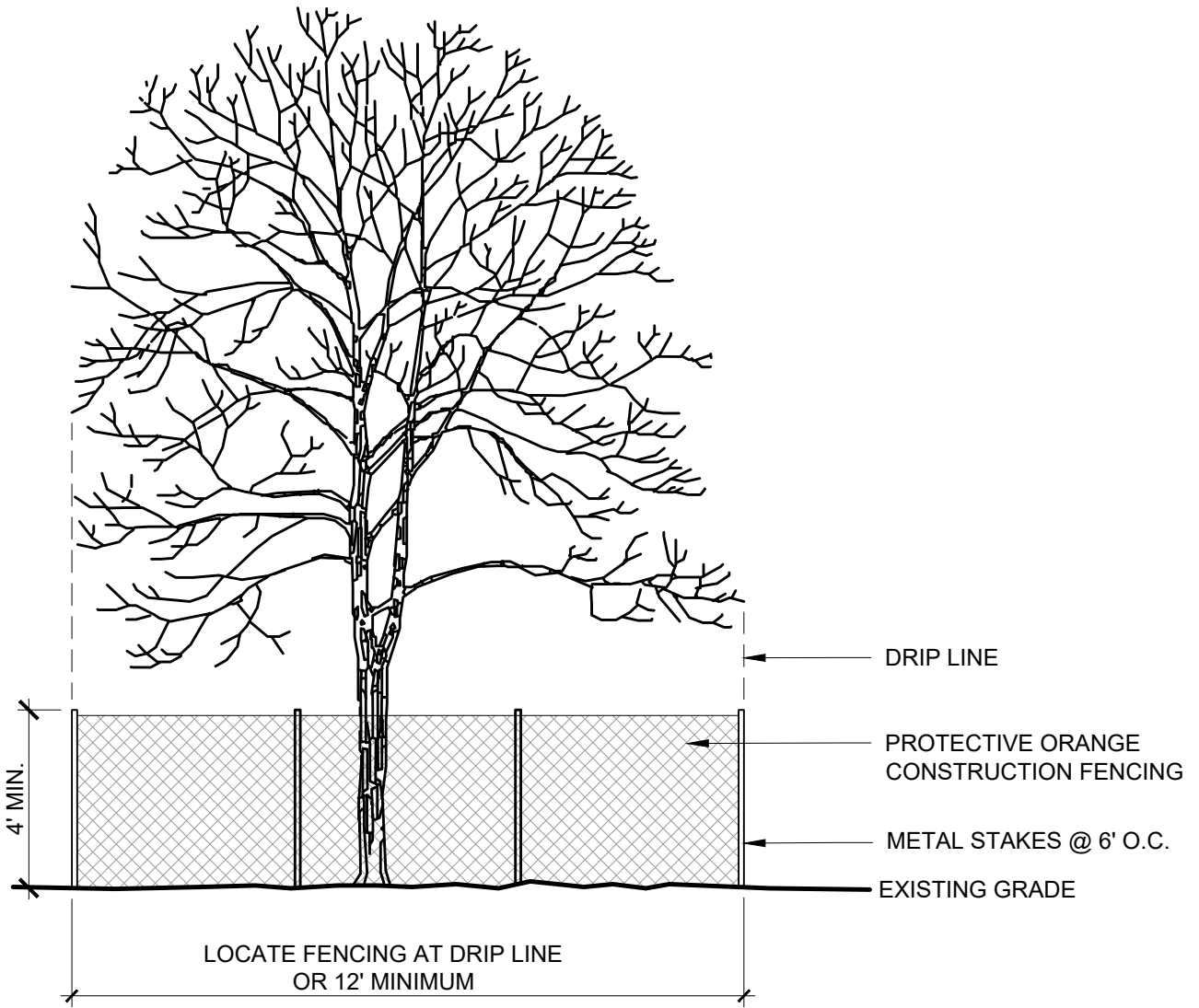
1. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUAL.
2. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
3. MAINTENANCE SHALL BE PERFORMED IMMEDIATELY AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

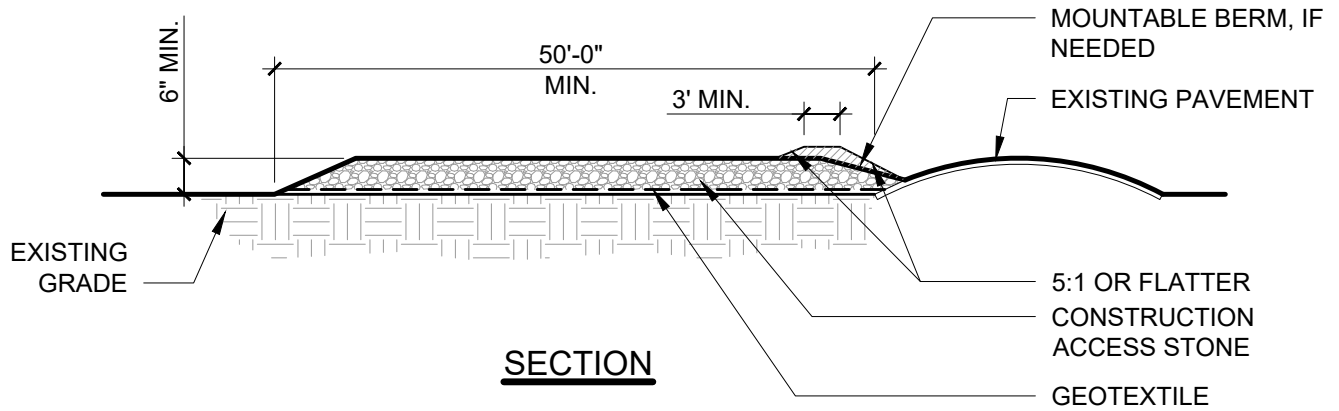


## CROSS SECTION

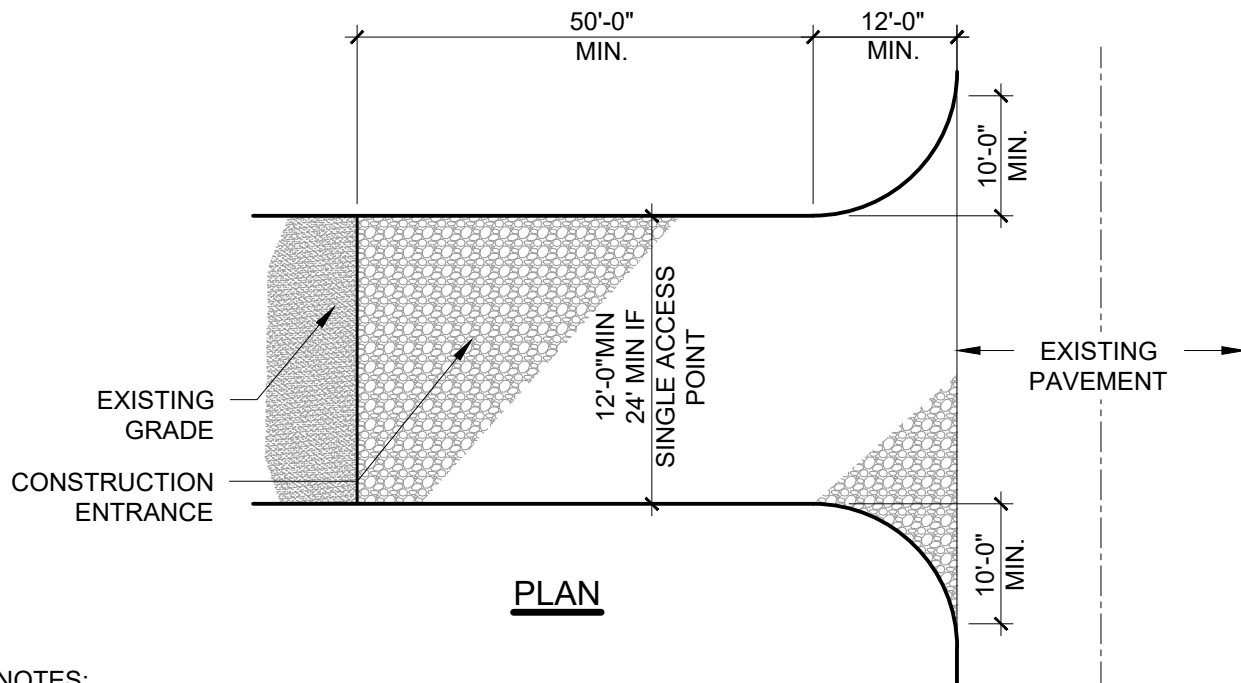
**NOTES:**

1. ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE DOWNWARD SLOPE TO A STABILIZED OUTLET.
2. DIVERTED RUNOFF FROM DISTURBED AREAS SHALL BE CONVEYED TO AN APPROVED SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT A NON-EROSIVE VELOCITY.
4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD AND SPECIFICATIONS FOR PERIMETER DIKE/SWALE.
5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE/SWALE SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA SEEDING LOCATED ON PAGE 13 OF THE OHIO DEPARTMENT OF TRANSPORTATION HANDBOOK FOR SEDIMENT AND EROSION CONTROL.
6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT AND/OR SWPPP INSPECTION.
7. MAX DRAINAGE AREA LIMIT: 2 ACRES.





**SECTION**



**PLAN**

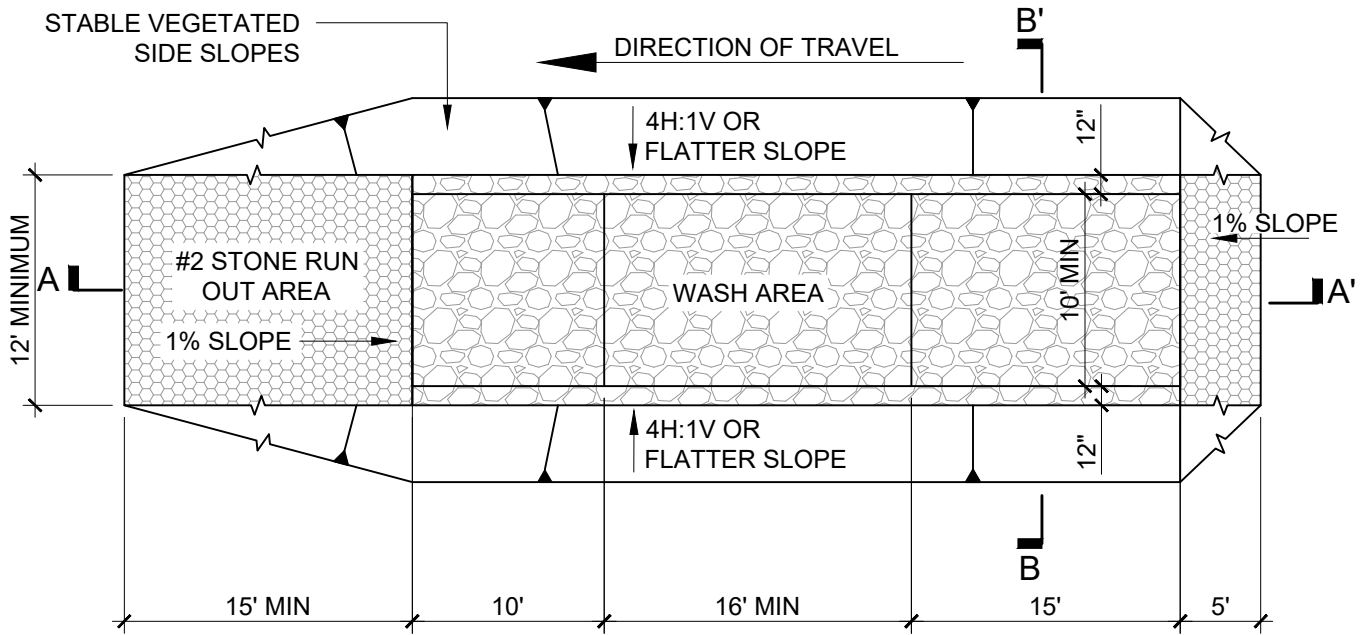
**NOTES:**

1. CONSTRUCTION ACCESS STONE SIZE - MATRIX OF #4 AND #5 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. GEOTEXTILE:
  - 2.A. MIRAFI 500X OR APPROVED EQUAL.
  - 2.B. SHALL BE PLACED UNDER THE ENTIRE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACING OF STONE.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED ACROSS THE STABILIZED CONSTRUCTION ACCESS. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE USED.
4. MAINTENANCE - THE CONSTRUCTION ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ACCESS ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE..

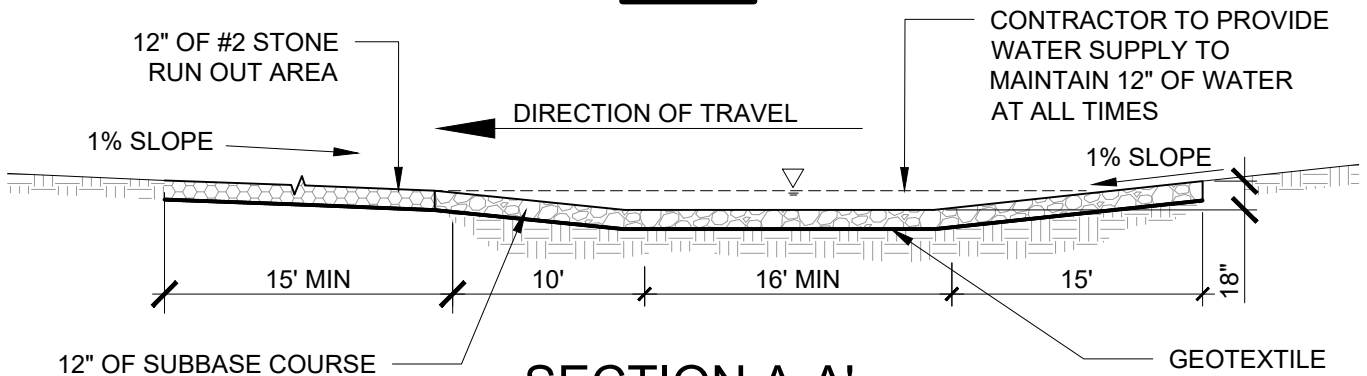


PROJECT TITLE: <b>EXAMPLE BMP</b>	
DRAWING TITLE: <b>STABILIZED CONSTRUCTION ACCESS</b>	
DRAWN BY: <b>HP</b>	CHECKED BY: <b>TD</b>

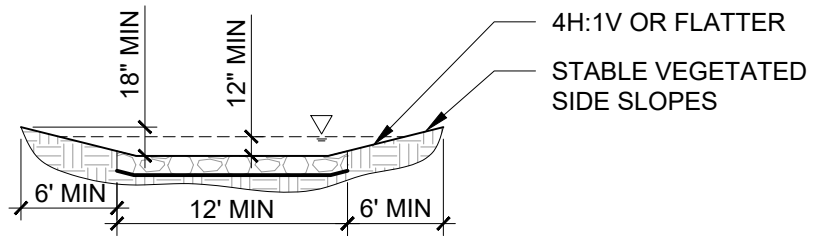
EDR JOB NUMBER:	
DRAWING NUMBER: <b>6.0</b>	
SCALE: <b>NTS</b>	DATE: <b>01/09/2020</b>



**PLAN**



**SECTION A-A'**

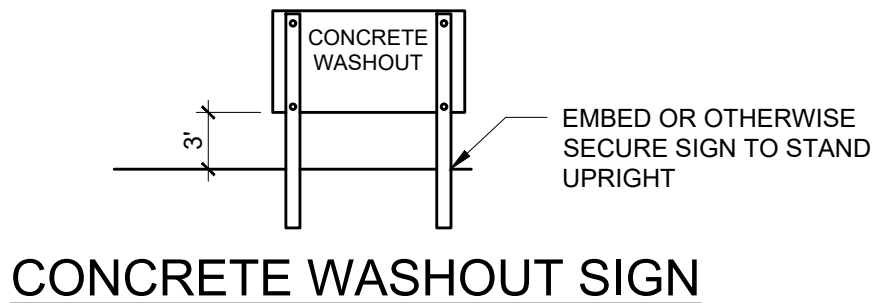
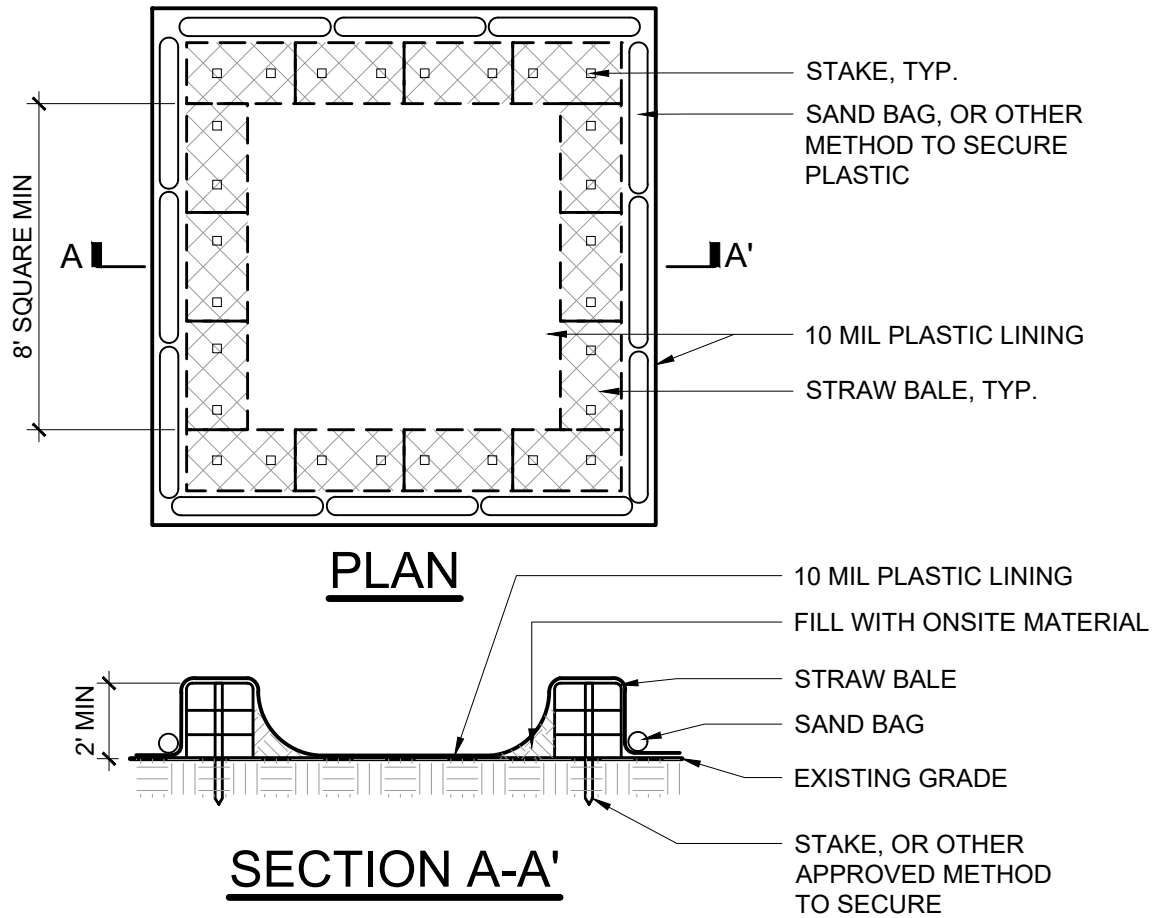


**SECTION B-B'**

**NOTES:**

1. THE WHEEL WASH SHALL BE CONSTRUCTED AND STABILIZED (INCLUDING VEGETATION) PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM WHEEL WASH ON A DAILY BASIS. MORE FREQUENT REMOVAL MAY BE NECESSARY BASED ON USE AND SITE CONDITIONS.
3. WASH WATER SHALL BE DISCHARGED TO AN APPROVED SEDIMENT TRAP.





**NOTES:**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING, CONSTRUCTION, AND INTEGRITY OF THE WASHOUT. THE CAPACITY OF THE WASHOUT SHALL BE 60 GALLONS PER TRUCK TO BE CLEANED WITHIN THE EXPECTED MAINTENANCE FREQUENCY. ADDITIONAL CAPACITY SHALL BE PROVIDED TO ACCOMMODATE RAINFALL.
2. OTHER METHODS OF CONCRETE WASHOUT CONTAINMENT MAY BE UTILIZED IF APPROVED BY THE OWNER'S REPRESENTATIVE.
3. LOCATE WASHOUT AREA AT LEAST 100' FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES.
4. THE PLASTIC LINING SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AND SHALL BE REPLACED AT EVERY CLEANING.
5. DO NOT ALLOW RUNOFF TO ENTER THIS AREA.
6. THE CONCRETE WASHOUT SIGN SHALL BE PLACED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.