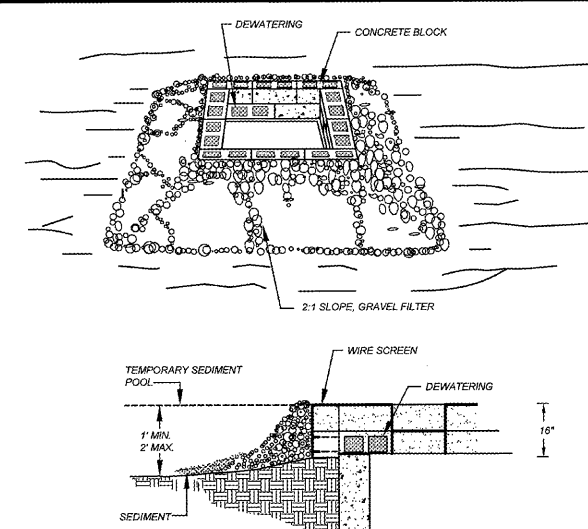


**MAINTENANCE:**  
INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

**STANDARD TEMPORARY SILT FENCE (N.T.S.)**



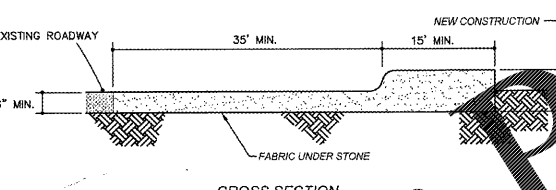
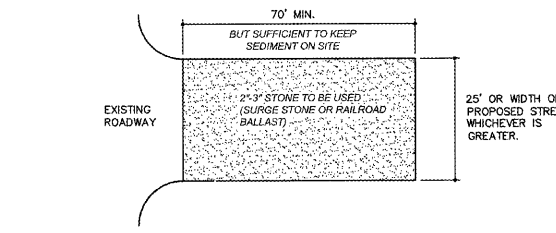
**CONSTRUCTION SPECIFICATIONS:**

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. PLACE THE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO SUBSEQUENT ROWS BY PLACING 2 X 4 WOOD STUDS THROUGH BLOCK OPENINGS.
- CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- USE CLEAN GRAVEL, 3/4" TO 1 1/2" INCH IN DIAMETER, PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT TO AN EVEN GRADE. DOT #57 WASHED STONE IS RECOMMENDED.

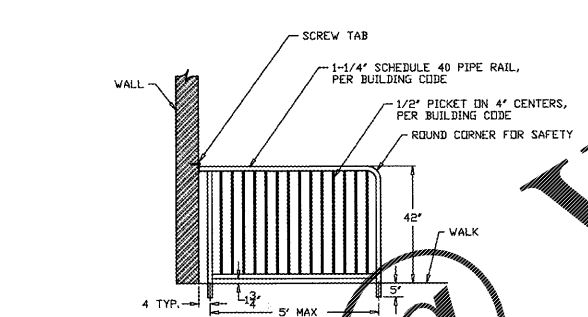
**BLOCK AND GRAVEL DROP INLET PROTECTION**

**NOTES:**

- PUT SILT FENCE OR TREE PROTECTION FENCE UP TO ENSURE CONSTRUCTION ENTRANCE IS USED.
- IF CONSTRUCTION ON THE SITES ARE SUCH THAT THE MUD IS NOT REMOVED BY THE VEHICLE TRAVELING OVER THE STONE, THEN THE TIRES OF THE VEHICLES MUST BE WASHED BEFORE ENTERING THE PUBLIC ROAD.



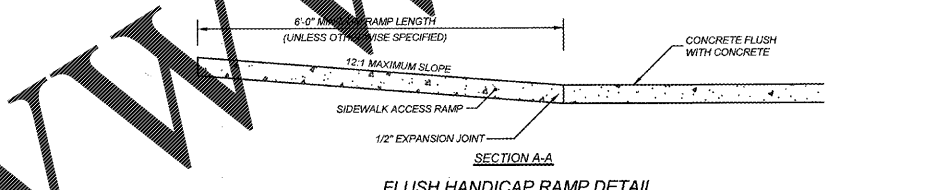
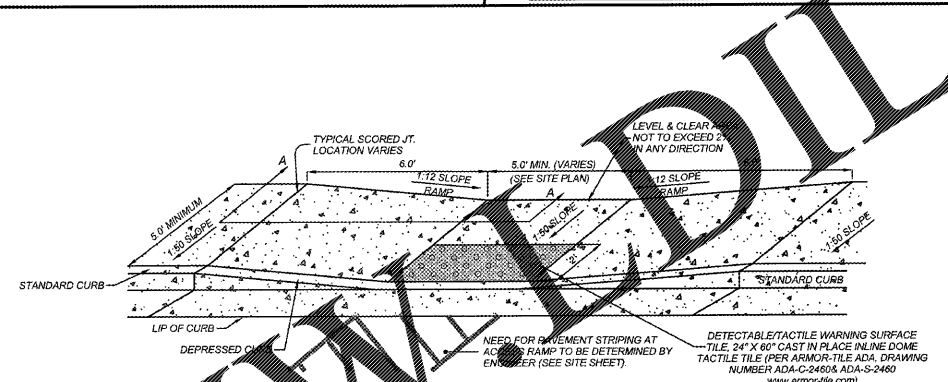
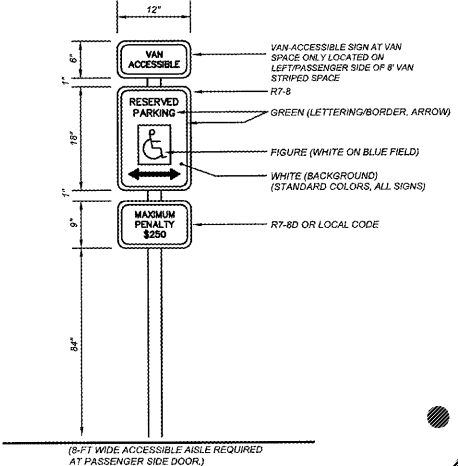
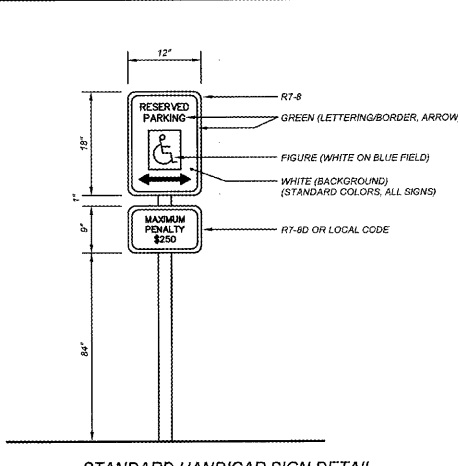
**CONSTRUCTION ENTRANCE**



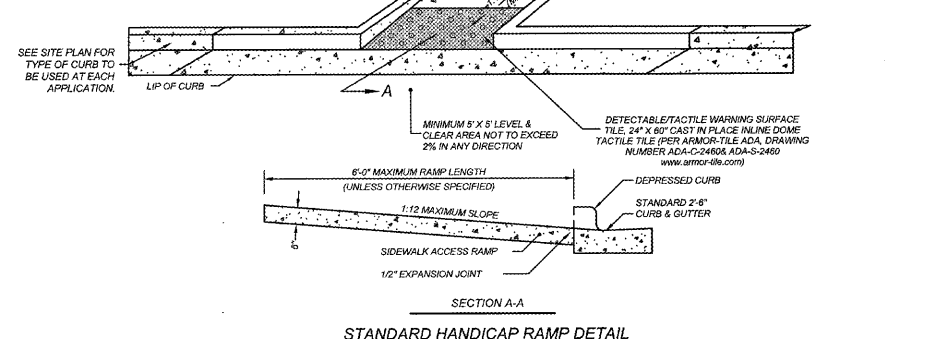
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**DRAINAGE STRUCTURE NOTES**

- BOXES SHALL COMPLY WITH LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS. ANY NON-STANDARD BOX IS TO BE DESIGNED BY A PROFESSIONAL ENGINEER.
- MAXIMUM HEIGHT OF AN UN-REINFORCED MASONRY DRAINAGE STRUCTURE WITH WALLS SHALL BE LIMITED TO 8'-0" FROM INVERT OF THE OUTLET PIPE TO THE TOP OF THE CASTING. DEPTHS GREATER THAN 8'-0" SHALL HAVE WALLS 12" THICK. BASINS OVER 12" IN TOTAL DEPTH SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER. FOUR INCH WALLS ARE NOT ALLOWED ON DRAINAGE STRUCTURES. BOTTOM SLAB ON STRUCTURES SHALL BE REINFORCED WHEN BOX DEPTHS EXCEEDS 8 FT.
- STEPS ARE TO BE PROVIDED ON ALL BASINS DEEPER THAN 42"
- STEPS ARE TO BE PS1-PF AS MANUFACTURED BY M.A. INDUSTRIES OR AN APPROVED EQUAL. LOCATE ON NON-PIPE WALLS.
- MORTAR IN MASONRY BOXES IS TO BE TYPE M.
- CLAY BRICK STRUCTURES ARE NOT ALLOWED.
- CONCRETE PIPE IS TO BE MINIMUM CLASS III.
- CONCRETE BUILDING BRICK IS TO MEET ASTM C-85, GRADE N, TYPE 1.
- BASINS LOCATED IN WET AREAS, OR AS OTHERWISE REQUIRED BY THE TOWN ENGINEER, SHALL HAVE WEEP HOLES AS SHOWN ON DETAILS.
- ALL CAST-IN-PLACE PRECAST CONCRETE DRAINAGE STRUCTURES LOCATED IN PAVED AREAS ACCESSIBLE TO TRUCK LOADINGS TO BE DESIGNED TO MEET AASHTO HS 20-44 LOADING. SEE MANUFACTURERS DETAILS FOR WALL, TOP AND BOTTOM THICKNESS.



**NOTE TO CONTRACTOR:**  
ALL PROPOSED HANDICAP RAMPS HAVE ADA COMPLIANT DETECTABLE WARNING SURFACES, WHICH MUST BE THE FULL LENGTH OF THE RAMP LANDING



**PERMANENT SEEDING IN NORTH CAROLINA (TABLE 6.11s)**

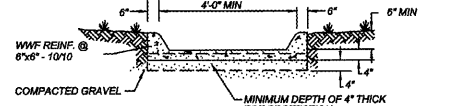
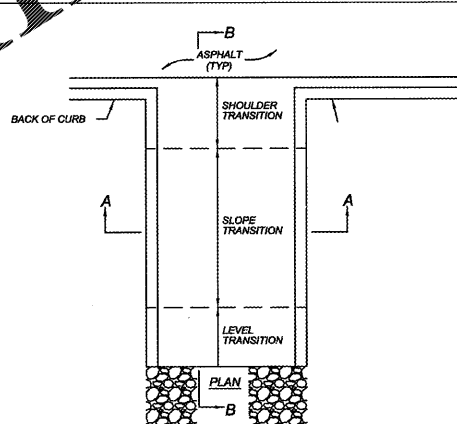
SEEDING MIXTURE SPECIES	RATE (lb/acre)
CENTIPEDA GRASS	10-20 LB/ACRE (SEED) OR 33 BU/ACRE (SPRIGS)

**SEEDING DATES:**  
MAR - JUNE (SPRIGGING CAN BE DONE THROUGH JULY WHERE WATER IS AVAILABLE FOR IRRIGATION.)

**SOIL AMENDMENTS:**  
ALL LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR 1 TON 300 LB/ACRE 10-10-10.

**SPRIGGING:**  
PLANT SPRIGS IN FURROWS WITH A TRACTOR MOUNTED TRANSLANTER OR BROADCAST BY HAND.  
FURROWS SHOULD BE 4-6 INCHES DEEP AND 2 FT APART. PLANT SPRIGS ABOUT 2 FT APART IN THE ROW WITH ONE END AT OR ABOVE GROUND LEVEL.  
BROADCAST AT RATES SHOWN ABOVE. ANCHOR SPRIGS INTO THE TOP 1/2 - 2 INCHES OF SOIL WITH A DISK SET STRAIGHT. SPRIGS ARE NOT BROUGHT BACK TOWARD THE SURFACE.

**MULCH:**  
DO NOT MULCH.  
APPLY MANURE OR FERTILIZER AT 10 LB/ACRE NITROGEN IN SPRING WITH NO PHOSPHORUS. CENTIPEDA GRASS CANNOT TOLERATE HIGH PH OR EXCESS FERTILIZER.



**NOTES:**

- DRAINAGE FLUME SHALL EXTEND DOWN TO THE BOTTOM OF THE POND OR SWALE

**TYPICAL CONCRETE FLUME (N.T.S.)**

**Order Plans**



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NO.	DATE	DESCRIPTION	BY

PROJECT NO: OUT-1715  
FILENAME: OUT1715-DTL2  
DRAWN BY: DDH  
SCALE: N.T.S.  
DATE: 05-19-17  
SHEET NO: C-6