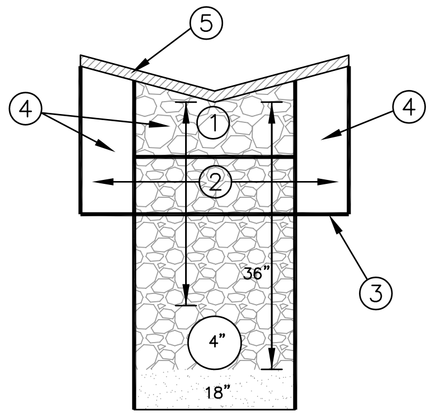


AFTER UNITS HAVE BEEN INSTALLED AND ALL AREAS STABILIZED, THIS IS THE FINAL POST CONSTRUCTION WATER QUALITY STEP.

1. REMOVE UPPER 6" #8 STONE AND GEOTEXTILE AND DISPOSE OVER ENTIRE ROADSIDE DITCH LENGTH.
2. REMOVE ADDITIONAL 24" DEPTH IN AREAS PROPOSED FOR INFILTRATION AREAS. THIS OPERATION TO BE COORDINATED WITH SITE ENGINEER. AREA SIZES TO BE AS SHOWN ON SHEET 21/23.
3. INSTALL NEW GEOTEXTILE FABRIC OVER ENTIRE LENGTH AND IN INFILTRATION AREAS.
4. INSTALL SOIL MEDIA. SEE SOIL MEDIA MIX BELOW
5. INSTALL SALT RESISTANT SOD (SEE SPEC) IN AREAS AS DESIGNATED ON SHEET 21/24.
6. AREA NOTED FOR INFILTRATION MEDIA TO BE PLANTED WITH PLANTS FROM LIST ON SHT. 24/24. PLANTING TO BE COORDINATED WITH CHAGRIN RIVER WATERSHED PARTNERS.
7. GRADING AT INLET BASINS TO BE 8" TO 12" LOWER THAN RIM ELEVATION TO FORCE PONDING AS SHOWN ON SHEET 21/24 FOR EACH BASIN AREA.

POST CONSTRUCTION ROADSIDE INFILTRATION TRENCH W/ SOD

NO SCALE

Salt Resistant Sod

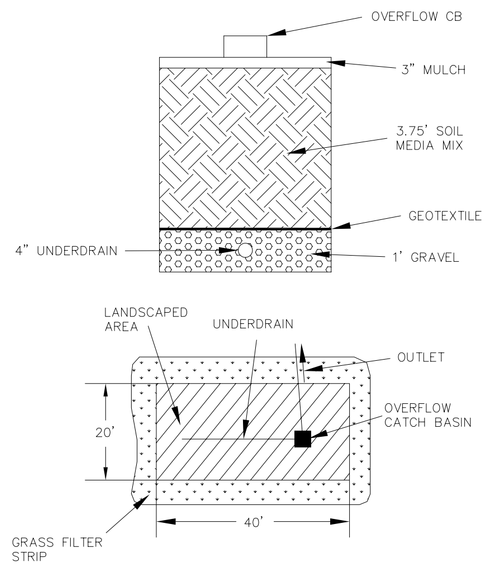
Salt resistant sod for use along boulevards or in a potential salt environment shall be a low maintenance type, fine leafed, and of uniform texture. The sod shall be free of noxious, broadleafed, and grassy weeds and shall contain less than 3 percent coarse grasses. The sod shall have originated from the blend of grass seed shown in Table 3878-1.

TABLE 3878-1
SALT RESISTANT SOD

Grass Type	Acceptable Varieties	Minimum Percent by Mass	Maximum Percent by Mass
Alkali grass	Fults, Salty	15	20
Red fescue	Dawson, Cindy	15	20
Park Kentucky bluegrass	Park	10	15
Improved Kentucky bluegrass	*(A)*	20	30
Low Maintenance Kentucky bluegrass	*(B)*	20	30

(A) Listed in 3876.2C
(B) Listed in 3876.2C excluding Park Kentucky bluegrass

S:\2008\MAROD2-0601\DOCUMENT\Salt Resistant Sod.rtf



BIORETENTION CELL

NO SCALE

GROUND ADJACENT ELEV. =979.00
OVERFLOW CB/WEIR ELEV. =978.50
TOP BED ELEV. =978.00
BOTTOM MULCH ELEV. (3" DEPTH) =977.75
BOTTOM SOIL MEDIA (3.75' DEPTH) =974.00
GEOTEXTILE ELEV. =974.00
GRAVEL OVER UNDERDRAIN (0.33' DEPTH) =973.66
4" DIAM. UNDERDRAIN INVERT ELEV. =973.33
BOTTOM GRAVEL LAYER UNDER UNDERDRAIN =973.00

SOIL MEDIA MIX

50% SAND (ASTM C33 FINE)
30% TOPSOIL
20% COMPOSTED ORGANIC (LEAF COMPOST)
OR
MIX AVAILABLE FROM A VENDOR AND APPROVED BY THE LAKE COUNTY STORMWATER MANAGEMENT DEPT.

TOPSOIL COMPONENT OF THE SOIL MIX SHOULD MEET THE TESTING CRITERIA CONTAINED IN THE Lake County Stormwater Management Department Swale Guidance document (October 2006)AND BE FREE OF ANY CLAY CLUMPS BRUSH, LITTER, ROOTS, STONES 2" OR LARGER AND OTHER FOREIGN MATERIALS

SWP3 INFILTRATION TRENCH DETAIL

LAND DESIGN consultants
www.LDCinc.net
ENGINEERS PLANNERS SURVEYORS
8585 East Avenue Mentor, Ohio 44060
TEL: (440) 255-8403 (440) 951-LAND
(440) 354-6938 FAX: (440) 255-8575
L.D.C. Inc. d.b.a.

DATE 4-4-08
SCALE: HOR. N/A
VERT. N/A
FILENAME PLAN-GRADE
COMPUTER S:2006
TAB NAME SWP3-TRENCH-2

LAKE HOUSE CONDOMINIUMS
IMPROVEMENT PLANS
Village of Hunting Valley – Cuyahoga County – Ohio

SHEET 22A OF 24

CONTRACT No.
MAROD2-0601