

Seedbed Preparation
Apply lime to raise the pH to the level needed for species being seeded. Apply 23 pounds of 12-12-12 analysis fertilizer (or equivalent) per 1000 sq. ft. (approximately 1000 pounds per acre) or fertilizer according to test. Application of 150 lbs. of ammonium nitrate on areas low in organic matter and fertility will greatly enhance vegetative growth.
Work the fertilizer and lime into the soil to a depth of 2-3 inches with a harrow, disk or rake operated across the slope as much as possible.

Seeding
Select a seed mixture based on projected use of the area (Figure 5-2), while considering best seeding dates. See Figure 5.3 this sheet. If tolerances are a problem, such as soil tolerance of seedings adjacent to streets and highways, see Figure 5.4 this sheet before final selection.

Figure 5-2 Permanent Seed Mixtures

Species	Seeding Rate lbs/acre	Suitable pH lbs/1000 sq. ft.	Site Suitability* Droughty	Well Drained	Wet	
Level and Sloping, Open Areas						
Tall Fescue	35	0.8	5.5 - 8.3	2	1	2
Tall Fescue	28	0.6	5.5 - 8.3	2	1	
Red Clover**	5	0.12				
Kentucky Bluegrass	15	0.4	5.5 - 7.5	2	1	
Creeping Red Fescue	15	0.4				
Slope Banks and Cuts						
Tall Fescue	15	0.4	5.8 - 7.5	2	1	2
Kentucky Bluegrass	25	0.6				
Tall Fescue	35	0.8	5.5 - 8.3	2	1	
Emerald Crownvetch**	10	0.25				
Lawns and High Maintenance Areas						
Kentucky Bluegrass	40	0.9	5.8 - 7.5	2	1	
Creeping Red Fescue	40	0.9				
Perennial Ryegrass (Turf Type)	170	4.0	5.0 - 7.5			
Tall Fescue	170	4.0	5.5 - 8.3	2	1	2

* 1 - Preferred 2 - Will tolerate
** Inoculate with specific inoculant.

Temporary Seeding Dates

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Wheat or Rye												
Oats												
Annual Ryegrass												

Permanent Seeding Dates

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Native Seed												
Non-irrigated*												
Irrigated												
Dormant Seeding**												

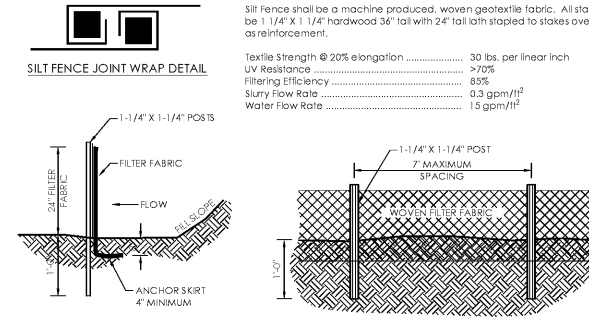
* Irrigation needed during this period. To control erosion at times other than in the shaded areas, use mulch.
* Late summer seeding dates may be extended 5 days if mulch is applied.
** Note: If temporary stabilization must occur during the winter straw mulch applied at a rate of 2 tons per acre and crimped in will be an acceptable cover.

Temporary Seed Application Rates

Kind of Seed	1000 Sq. Ft.	Acres	Remarks
Wheat or Rye	3.5 lbs.	150 lbs.	Cover seed 1" to 1 1/2" deep
Spring Oats	2.3 lbs.	100 lbs.	Cover seed 1" deep
Annual Ryegrass	1.0 lb.	40 lbs.	Cover seed 1/4" deep*

* Not necessary where mulch is applied.

SEEDING SCHEDULE
NOT TO SCALE

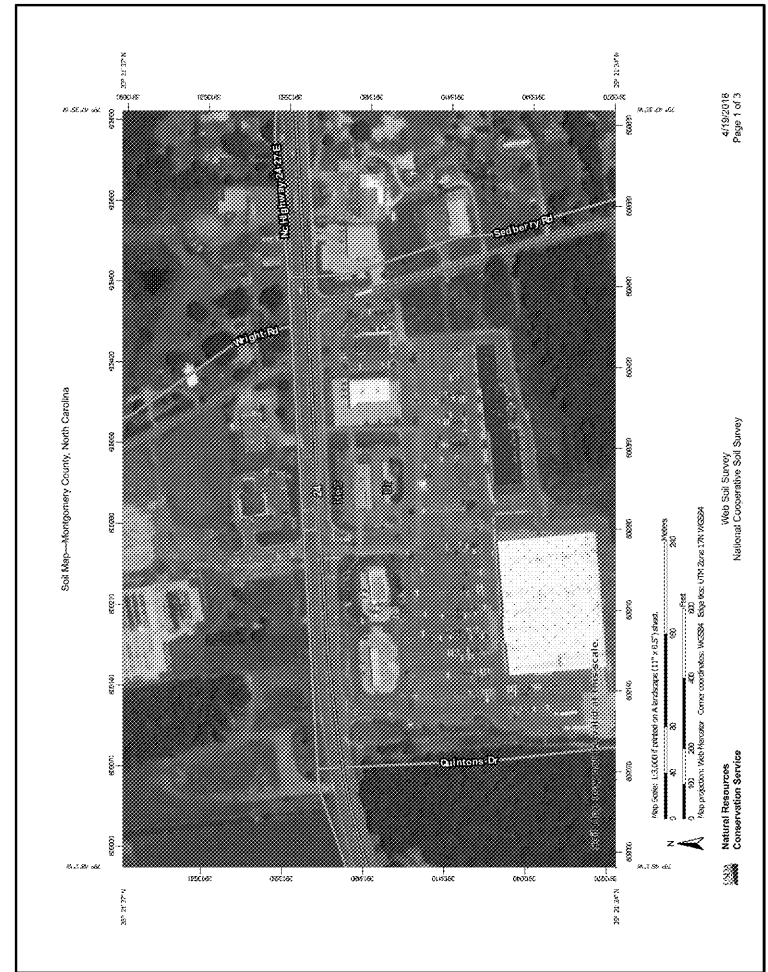


NOTES:
1. FILTER FABRIC FENCE SHALL BE A MINIMUM OF 36" IN WIDTH.
2. TURN SILT FENCE UP SLOPE AT ENDS.

TEMPORARY SILT FENCE
NOT TO SCALE

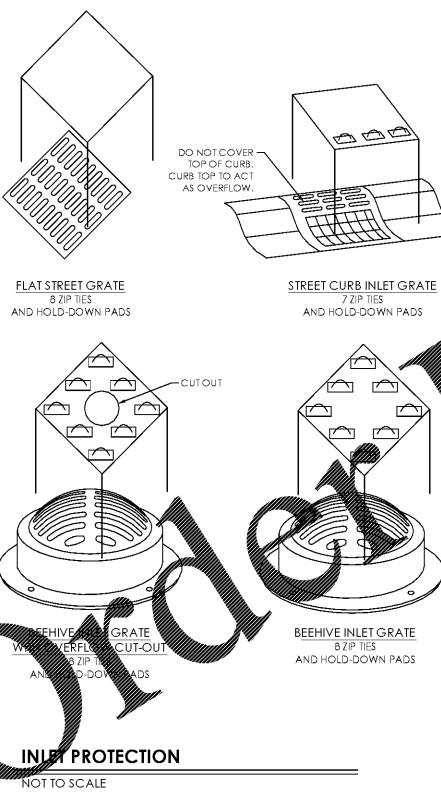
SOILS LEGEND + DESCRIPTION

Map Unit: HeC - Herndon-Urban land complex, 2 to 10 percent slopes
Map Unit: Ur - Urban land



CONCRETE WASHOUT
NOT TO SCALE

- NOTES:**
- CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
 - SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
 - THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
 - AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
 - WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE INSPECTOR.
 - CONTRACTOR SHALL PROVIDE ADDITIONAL WASHOUT STRUCTURES OR LARGER STRUCTURES IF REQUIRED.



- REMOVE SEDIMENT, DEBRIS, ICE AND SNOW FROM THE INLET GRATE SURFACE AND SURROUNDING AREA.
- VERIFY FIT BY PLACING FILTER OVER INLET GRATE TO ENSURE THAT INLET FILTER EXTENDS AT LEAST ONE INCH BEYOND THE FRONT AND BOTH CURB ENDS. THE OVERLAP SLOWS WATER FLOW AND STARTS FILTERING SEDIMENT AND DEBRIS BEFORE WATER DROPS INTO THE INLET. THE USER IS RESPONSIBLE FOR PROPER INSTALLATION.
- POSITION THE MAT. PLACE INLET FILTER ON GRATE WITH THE NET SIDE DOWN. FLUSH TO THE BACK EDGE AND EXTENDING BEYOND THE GRATE OPENING ON THE FRONT AND BOTH SIDES. THE ZIP TIES ATTACH INLET FILTER TO THE INLET GRATE COVER WITHOUT LIFTING THE GRATE COVER.
- INSERT ZIP TIES. LIFT INLET FILTER SLIGHTLY TO ENABLE YOU TO SEE THE FIRST GRATE OPENING FROM THE EDGE OF THE GRATE COVER. PUSH THE POINT OF A KNIFE THROUGH THE HOLES IN THE FILTER TO CREATE A PILE OF HOLES. THE SIDE OF GRATE COVER IS PUSHED DOWN AND THE ZIP TIES ARE PUSHED THROUGH THE HOLES AND THROUGH THE INLET FILTER. SLID ALL ZIP TIES TO THE BACK OF THE MAT. THE ZIP TIES SHOULD BE ON THE BACK OF THE MAT. A HOPE THAT THE ZIP TIES SHOULD BE ON THE BACK OF THE MAT. THE ZIP TIES SHOULD BE ON THE BACK OF THE MAT. THE ZIP TIES SHOULD BE ON THE BACK OF THE MAT.
- WHEN ZIP TIES. AFTER ATTACHING ALL OF THE ZIP TIES, RE-POSITION INLET FILTER TO COMPLETELY COVER AND OVERLAP THE GRATE. PULL FREE END OF ZIP-TIES HAND TIGHT TO ANCHOR INLET FILTER TO THE GRATE. CUT OFF FREE END OF ZIP TIES TO LEAVE A 1" TAIL.
- EXTREME FLOW INSTALLATION REQUIREMENTS. SOME MUNICIPALITIES REQUIRE EXPOSED OVERFLOW. CHECK LOCAL REGULATIONS. EXPOSING THE EMERGENCY OVERFLOW ALLOWS UNFILTERED FLOW WHEN WATER DEPTH EXCEEDS INLET FILTER HEIGHT. IF NECESSARY, CUT INLET FILTER WITH A KNIFE OR SHEARS TO EXPOSE THE UPPER PORTION OF THE OVERFLOW SECTION. ALLOW THE STANDARD OVERLAP ON ALL SIDES OF INLET FILTER BEFORE CUTTING. MAINTENANCE INLET FILTER WILL COLLECT A LOT OF SEDIMENT. SWEEP TOP AND SIDES OF INLET FILTER TO REMOVE SEDIMENT AND DEBRIS AFTER EACH 1/2" RAIN EVENT. IN CASE OF STANDING WATER AT INLET, SWEEPING AWAY BUILT-UP DEBRIS ALLOWS WATER TO DRAIN THROUGH INLET FILTER.

INLET PROTECTION
NOT TO SCALE

SOILS MAP
NOT TO SCALE

WWW.LDILine.com

REVISION BLOCK



Michael Thompson

DATE
06/01/2018

DRAWN BY
MSO

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MAT

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A LIMITED LIABILITY COMPANY

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CONSTRUCTION PLANS FOR:
TACO BELL | BISCOE, NC
101 Montgomery Crossing (Highway 24)
Biscoe, North Carolina, 27209

BELL AMERICAN GROUP, LLC
8930 Bash Street, Suite L
Indianapolis, Indiana 46256

PROJECT NO.
2016-235

DATE
06/01/2018

SCALE

SHEET NAME
STORMWATER POLL. PREVENTION NOTES

SHEET NO.

CE-501