

ORANGE, UV RESISTANT

TREE PROTECTION AREA

ZONA PROTECTORA PARA

<u>Warning sign detail</u>

DO NOT ENTER

LOS ARBOLES PROHIBIDO ENTRAR

-STEEL POST

SIDE VIEW

FIELD CONDITIONS.

NOTES:

WARNING SIGN

THAN TWO SIGNS PER PROTECTION AREA.

For each open utility cut

of City streets, a \$325

permit shall be required

from the City prior to

occupancy and/or project

acceptance.

Contact 910-341-5888

Public Services • Engineering Division

APPROVED STORMWATER MANAGEMENT PLAN

Approved Construction Plan

Signed: \_\_\_\_\_

Plannina

ORANGE, UV RESISTANT

HIGH - TENSILE STRENGTH

POLY BARRICADE FABRIC (TYPICAL)

1. THE TREE PROTECTION FENCING SHALL NOT BE VIOLATED FOR THE ENTIRE

BE 3" HIGH, MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED.

4. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC. MAINTAIN TREE

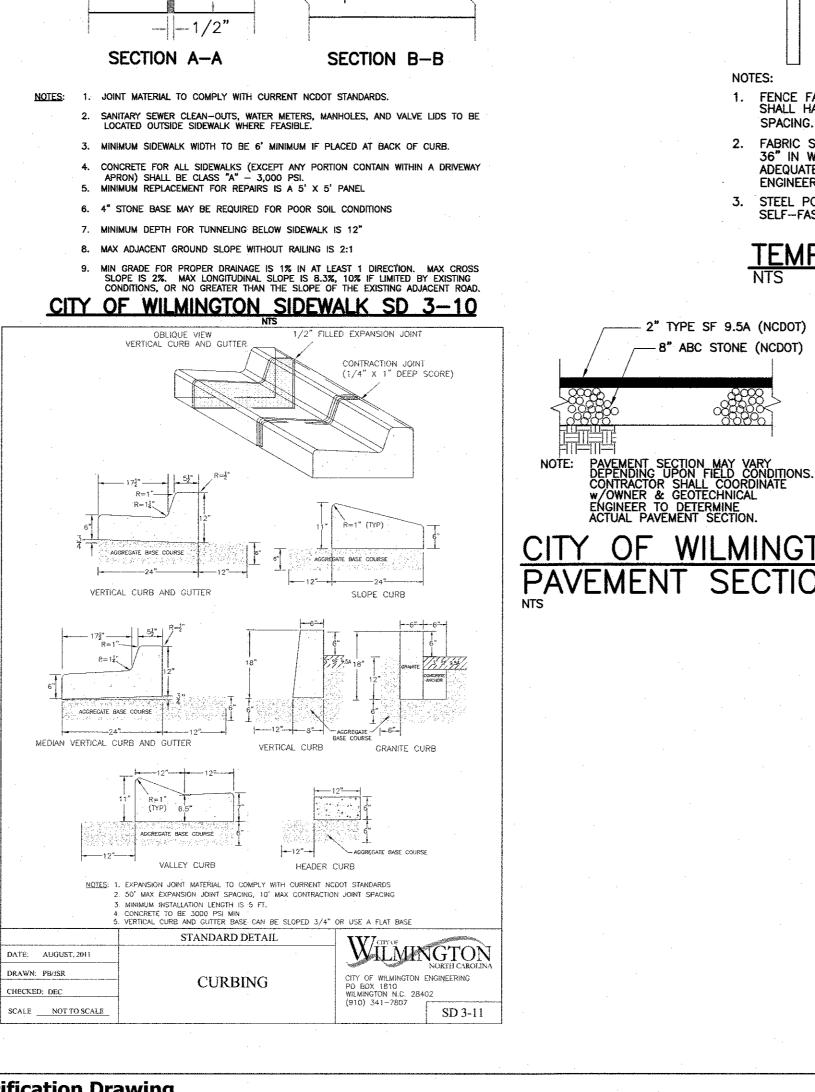
PROTECTION AREAS LESS THAN 100' IN PERIMETER, PROVIDE NO LESS

PROTECTION FENCE AND SIGNS THROUGHOUT DURATION OF PROJECT.

NOT TO SCALE

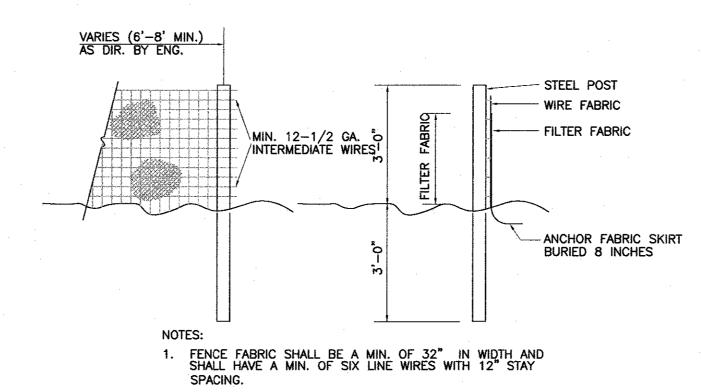
HIGH - TENSILE STRENGTH

POLY BARRICADE FABRIC (TYPICAL)



FILLED EXPANSION JOINT

CONTROL JOINT



2. FABRIC SHALL BE FOR EROSION CONTROL AND MIN. OF 36" IN WIDTH. FABRIC SHALL BE FASTENED ADEQUATELY TO THE WIRE FABRIC AS DIRECTED BY THE

STAPLES (2 PER BALE)

WCOD OR METAL STAKE (2 PER BALE)

10 mil PLASTIC LINING

- 10 mil PLASTIC LINING

--- 10' MINIMUM-----

- 2" TYPE SF 9.5A (NCDOT)

ENGINEER TO DETERMINE ACTUAL PAVEMENT SECTION.

— 8" ABC STONE (NCDOT)

3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE.

## TEMPORARY SILT FENCE

BUILDING WASTE HANDLING 1. NO PAINT OR LIQUID WASTES IN STREAMS OR STORM

2. DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.

3. EARTHEN-MATERIALS STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE. 4. CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATERS, WETLANDS OR BUFFERS.

 SAME WEEKLY INSPECTION REQUIREMENTS. SAME RAIN GAUGE AND INSPECTIONS AFTER 0.5" RAIN

OF WILMINGTON EVENT. INSPECTIONS ARE ONLY REQUIRED DURING "NORMAL BUSINESS HOURS".

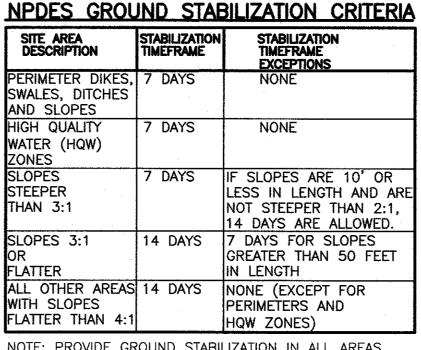
4. INSPECTION REPORTS MUST BE AVAILABLE ON-SITE DURING BUSINESS HOURS UNLESS A SITE-SPECIFIC EXEMPTION IS APPROVED.

5. RECORDS MUST BE KEPT FOR 3 YEARS AND AVAILABLE UPON REQUEST. 6. ELECTRONICALLY AVAILABLE RECORDS MAY BE SUBSTITUTED UNDER CERTAIN CONDITIONS.

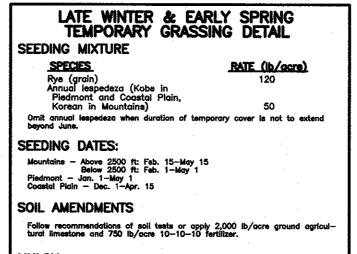
1. OUTLET STRUCTURES MUST WITHDRAW FROM BASIN SURFACE UNLESS DRAINAGE AREA IS LESS THAN 1 ACRE. 2. USE ONLY DWQ-APPROVED FLOCCULENTS.

NPDES-SPECIFIC PLAN SHEETS NOTES . THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES GENERAL STORMWATER PERMIT NCG010000. 2. THIS PAGE CAN BE APPROVED BY THE COUNTY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000 ONLY. 3. THIS PAGE OF THE APPROVED PLANS IS ENFORCEABLE EXCLUSIVELY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000.

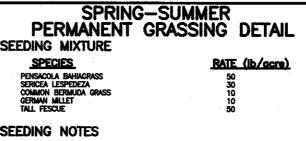
4. THE COUNTY IS NOT AUTHORIZED TO ENFORCE THIS PAGE OF THE PLANS AND IT IS NOT A PART OF THE APPROVED PLANS FOR THE PURPOSES OF ENFORCEMENT ACTION UNDER THE COUNTY CODE.



NOTE: PROVIDE GROUND STABILIZATION IN ALL AREAS PER THE NPDES CRITERIA.



Refertilize if growth is not fully adequate. Reseed, refertilize and mulch im-mediately following erosion or other damage.



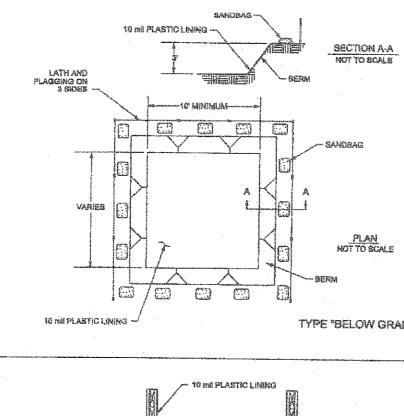
1. WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA.
2. USE COMMON BERMUDA GRASS ONLY ON ISOLATED SITES WHERE IT CANNOT BE—
COME A PEST. BERMUDA GRASS MAY BE REPLACED WITH 5 Ib/gord centified grass

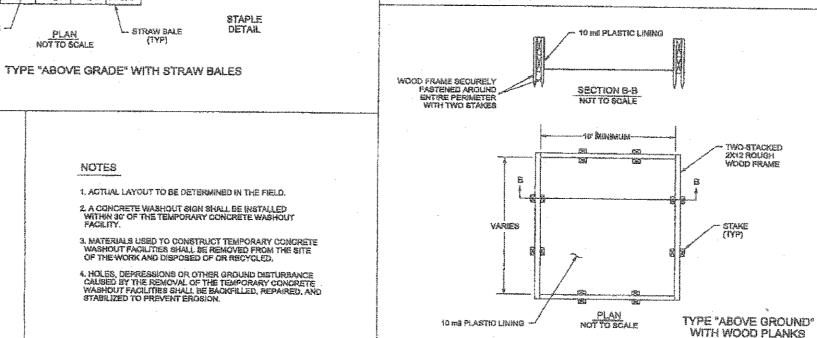
APRIL 1 - JULY 15 SOIL AMENDMENTS

APPLY LINE AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3,000 lb/gcre GROUND AGRICULTURE LIMESTONE AND 500 lb/gcre 10-10-10 FERTILIZER.

MAINTENANCE

REFERTILIZE THE FOLLOWING APRIL WITH 50 Ib/Octo NITROGEN, REPEAT AS GROWTH REQUIRES, MAY BE MOWED ONLY ONCE A YEAR, WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA AND MOW AS OFTEN AS NEEDED.





. CONCRETE WASHOUTS SHOULD BE INSPECTED DAILY AND AFTER HEAVY RAINS. DAMAGES SHOULD BE REPAIRED PROMPTLY. IF FILLED TO BE OVER 75% CAPACITY WITH RAIN WATER IT SHOULD BE VACUUMED OR ALLOWED TO EVAPORATE TO AVOID OVERFLOWS. BEFORE HEAVY RAINS THE CONTAINERS LIQUID LEVEL SHOULD BE LOWERED OR THE CONTAINER COVERED TO AVOID AN OVERFLOW DURING RAIN. WHEN SOLIDS HAVE HARDENED THEY SHOULD BE REMOVED AND RECYCLED.

BLACK LETTERS - 6" HEIGHT

- LAG SCREWS

3.5"X3.5"X2"

CONCRETE

WASHOUT

CONCRETE WASHOUT

SIGN DETAIL (OR EQUIVALENT)

CONCRETE WASHOUT DETAIL

TION CRITERIA	SITE WORK NOTES
· · · · · · · · · · · · · · · · · · ·	1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZED WITH EXISTING
BILIZATION EFRAME CEPTIONS	CONDITIONS BOTH ON AND IMMEDIATELY ADJACENT TO THE SITE.  2. CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
NE	3. GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION.
A IF	4. MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.
NE	5. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
	6. FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL REPORT.
PES ARE 10' OR N LENGTH AND ARE	7. THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND
EEPER THAN 2:1,	FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES.
S ARE ALLOWED.	<ol> <li>THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.</li> </ol>
FOR SLOPES R THAN 50 FEET GTH	9. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. BEFORE COMMENCING ANY EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT—OF—WAYS, PUBLIC AREAS OR IN PRIVATE EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF
EXCEPT FOR	THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.
TERS AND ONES)	10. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH

APPROPRIATE PERSONNEL.

AT FINAL GRADE.

NIGHT REFLECTING.

20. DUCTILE IRON SHALL BE CLASS 50.

PAID FOR BY THE CONTRACTOR.

ENTERING STORM DRAIN PIPING.

PLAN PROVE TO BE LESS EFFECTIVE

\_\_\_\_\_ FOR ADDITIONAL REQUIREMENTS.

SEE GEOTECHNICAL REPORT NO.

11. EXISTING SURVEYING PERFORMED BY MICHAEL UNDERWOOD & ASSOC. AND SUPPLIED BY THE OWNER.

12. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE. FURTHERMORE

13. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT

14. ALL PVC UTILITY MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER

OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS

HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.

D MAINTAIN SAFETY AND TWO WAY TRAFFIC.

SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.

STRENGTH OF 3000 PSI @ 28 DAYS - AIR ENTRAINED.

EVERY RUN OF 3 FEET (1 VERTICAL TO 3 HORIZONTAL).

CLEANED OUT AS STATED OR WHEN HALF FULL.

ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS.

ONCE A WEEK AND AFTER EVERY RAIN EVENT.

INCLUDING SIDE SLOPES DURING AND AFTER CONSTRUCTION.

THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER

15. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL AND STATE CODES.

16. ALL PAVEMENT, BASE AND SUBGRADE SHALL CONFORM TO NCDOT STANDARDS INCLUDING

WORKMANSHIP, MATERIALS AND EQUIPMENT. APPROPRIATE BARRICADES, SIGNS, LIGHTS

OR OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT

17. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. THE CONTRACTOR SHALL REPORT

18. CONCRETE STORM DRAINAGE PIPE SHALL BE CLASS III WITH RUBBER GASKETED JOINTS

19. USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT SHALL BE A

NON BLEEDING. REFLECTIVE MATERIAL MAY BE ADDED AT OWNER'S OPTION FOR

21. CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE

22. FIELD TESTING SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR

BY THE OWNER. FURTHER TESTING REQUIRED DUE TO A FAILED TEST WILL BE

. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR

. NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED

INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING

BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE, CHECK DAMS, ETC.

4. ALL EROSION CONTROL MEASURES TO BE INSPECTED AFTER EACH RAIN.

SILT FENCE AND INLET PROTECTION ARE TO BE CLEANED WHEN 0.5 FEET OF SEDIMENT HAVE

5. IF APPLICABLE, CONSTRUCT PROPOSED RETENTION POND TO ACT AS A SEDIMENT BASIN

6. IF APPLICABLE, INSTALL DROP INLETS WITH INLET PROTECTION TO ACT AS SILT TRAPS

MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND

2. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY

ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL

REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION.

ALL PERMANENT MEASURES SHALL BE WELL ESTABLISHED PRIOR TO PROJECT COMPLETION.

OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN

TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH.

THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING

THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL SPILLED, WASHED OR TRACKED

AND GRAVEL INLET, ROCK DOUGHNUT INLET PROTECTION AND ROCK PIPE INLET PROTECTION

THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL

BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND HARDWARE CLOTH TO ALLOW PROPER

DRAINAGE. SILT SACKS WILL BE EMPTIED ONCE A WEEK AND AFTER EVERY RAIN EVENT. SEDIMENT WILL BE REMOVED FROM AROUND BEAVER DAMS, DANDY SACKS AND SOCKS

FROM THE FLOW AREA. THE DIVERSION RIDGES WILL ALSO BE REPAIRED. SWALES MUST BE TEMPORARILY STABILIZED WITHIN 21 CALENDAR DAYS OF CEASE OF ANY PHASE OF

HE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST

FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX. WHEN STANDARD

DESIGNED AT LOW POINTS IN THE IN THE SEDIMENT FENCE THE ROCK WILL BE REPAIRED

BEEN HALF FILLED WITH SEDIMENT. THE ROCK WILL BE CLEANED OR REPLACED WHEN

THE SEDIMENT POOL NO LONGER DRAINS OR WHEN THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR REPLACED IF THEY COLLAPSE. TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. SEDIMENT WILL BE REMOVED WHEN

DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.

BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT

SEDIMENT WILL BE REMOVED FROM BAFFLES WHEN DEPOSITS REACH HALF

POOL NO LONGER DRAINS OR IF THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR REPLACED IF THEY TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED

THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.

VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL

INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.

TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE

OTHER AREAS WILL BE STABILIZED WITHIN 15 WORKING DAYS

IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED

BE STEEL. STAKE SPACING WILL BE 6 FEET MAX. WITH THE USE OF EXTRA STRENGTH

STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE

A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED.

8. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.

ACCUMULATED IN FRONT OF THE DEVICE OR WHEN THEY LEAK OR FAIL. SEDIMENT TRAPS ARE

DURING CONSTRUCTION. REMOVE ACCUMULATION OF SILT AS REQUIRED TO ALLOW PROPER

FUNCTIONING. RESTORE POND TO DESIGN LEVELS AT THE COMPLETION OF CONSTRUCTION.

DURING CONSTRUCTION. REMOVE ACCUMULATED SILT AS NEEDED TO PREVENT SILT FROM

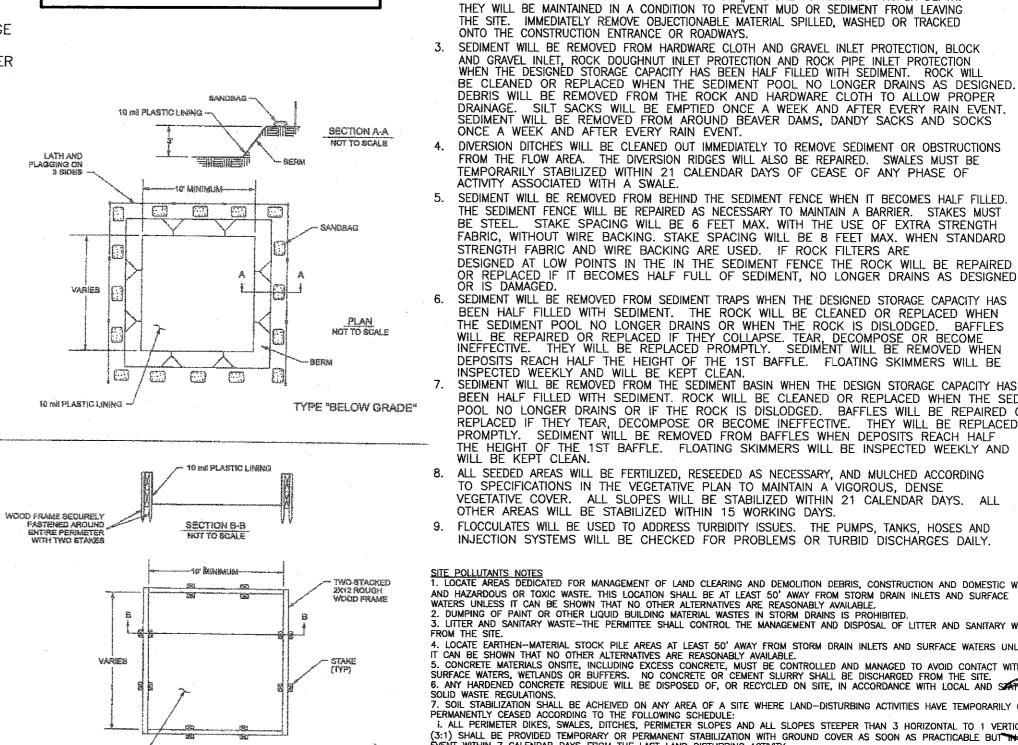
INSTALL ALL SECONDARY EROSION CONTROL MEASURES AS SOON AS POSSIBLE AFTER BEGINNING

CHLORINATED RUBBER ALKYD, FS TT-P-115, TYPE III, FACTORY MIXED, QUICK DRYING,

AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE

METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEES SHALL BE THE RESPONSIBILITY



SITE POLLUTANTS NOTES

1. LOCATE AREAS DEDICATED FOR MANAGEMENT OF LAND CLEARING AND DEMOLITION DEBRIS, CONSTRUCTION AND DOMESTIC WASTE, AND HAZARDOUS OR TOXIC WASTE. THIS LOCATION SHALL BE AT LEAST 50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATERS UNLESS IT CAN BE SHOWN THAT NO OTHER ALTERNATIVES ARE REASONABLY AVAILABLE. DUMPING OF PAINT OR OTHER LIQUID BUILDING MATERIAL WASTES IN STORM DRAINS IS PROHIBITED.

LITTER AND SANITARY WASTE-THE PERMITTEE SHALL CONTROL THE MANAGEMENT AND DISPOSAL OF LITTER AND SANITARY WASTE. 4. LOCATE EARTHEN-MATERIAL STOCK PILE AREAS AT LEAST 50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATERS UNLESS IT CAN BE SHOWN THAT NO OTHER ALTERNATIVES ARE REASONABLY AVAILABLE. 5. CONCRETE MATERIALS ONSITE, INCLUDING EXCESS CONCRETE, MUST BE CONTROLLED AND MANAGED TO AVOID CONTACT WITH SURFACE WATERS, WETLANDS OR BUFFERS. NO CONCRETE OR CEMENT SLURRY SHALL BE DISCHARGED FROM THE SITE.

6. ANY HARDENED CONCRETE RESIDUE WILL BE DISPOSED OF, OR RECYCLED ON SITE, IN ACCORDANCE WITH LOCAL AND STATE 7. SOIL STABILIZATION SHALL BE ACHEIVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR ERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:

i. ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL ) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.

ii. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

8. CONDITIONS—IN MEETING THE STABILIZATION REQUIREMENTS ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY.

i. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE—SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE. II. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY TO GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE FLATTER THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3:1, THE 7-DAY REQUIREMENT APPLIES. iii. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT.

v. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE—BY—CASE BASIS.

vi. FOR PORTIONS OF PROJECTS WITHIN THE SEDIMENT CONTROL COMMISSION—DEFINED "HIGH QUALITY WATER ZONE" (15A NCAC 04A. 0105), STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.

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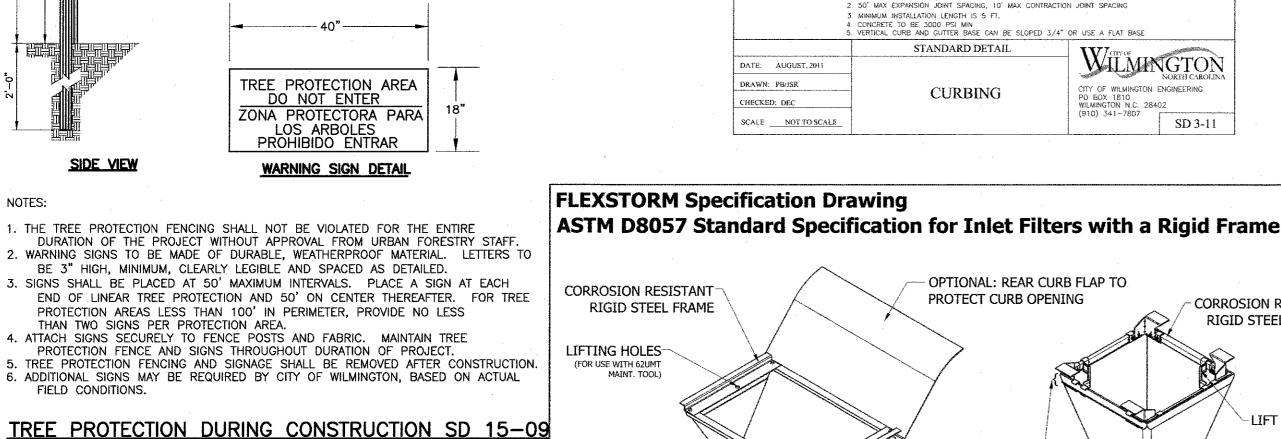
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OFESSION. 17374 MOINEER GREGOR

PGT DRAWN MLV

SHEET 2 OF 2



FILLED EXPANSION JOINT

FILLED EXPANSION JOINT

## - CORROSION RESISTANT RIGID STEEL FRAME -LIFT HANDLESreplaceable woven-ULTIMATE BYPASS GEOTEXTILE FILTER BAG 82% FILTRATION EFFICIENCY PER ASTM D735 AREA REPLACEABLE WOVEN-(BENEATH FLANGES) GEOTEXTILE FILTER BAG FLEXSTORM CATCH-IT LITE FLEXSTORM CATCH-IT SQUARE FLEXSTORM CATCH-IT ROUND (SHOWN WITH OPTIONAL CURB FLAP) (TYPICAL SETUP) (TYPICAL SETUP) FLE ST⊕RM FLE STORI

ASTM D8057 Requirements > Filter system consists of rigid frame and removable geosynthetic bag

> Filter bag sized to meet treatment flow rate of the drainage location -> Bag maintains shape to be extracted when completely filled with sediment > Rigid frame capable of supporting full load of sediment with grate removed > Frame does not interfere or elevate grate by more than 1/8"

> Bypass flow exceeds design flow of drainage location -> Filter bag achieves >80% filtration efficiency per ASTM D7351

Installation Instructions: . Remove grate from the drainage structure 2. Clean stone and dirt from ledge (lip) of drainage

more than 1/8"

structure b. Drop the FLEXSTORM inlet filter through the clear and lift filter from the drainage structure opening such that the hangers rest firmly on the 3. Dispose of sediment and debris as directed lip of the structure

Maintenance Guidelines: 1. Empty the sediment bag if more than half filled with sediment and debris

2. Remove the grate, engage the lifting points, by the Engineer or Maintenance Contract Replace the grate and confirm it is not elevated 4. Alternatively, an industrial vacuum can be used to collect sediment from filter bag

For more information contact

FLE STORM FLEXSTORM ASTM D8057

APM@inletfilters.com