

Approved Construction Plan

Public Services • Engineering Division

5. RECORDS MUST BE KEPT FOR 3 YEARS AND AVAILABLE UPON REQUEST. -8" ABC STONE (NCDOT) 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 NOTE: PAVEMENT SECTION MAY VARY DEPENDING UPON FIELD CONDITIONS. CONTRACTOR SHALL COORDINATE W/OWNER & GEOTECHNICAL 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. OF WILMINGTON 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 PAVEMENT SECTION AND IT IS NOT A PART OF THE APPROVED PLANS FOR THE PURPOSES OF ENFORCEMENT ACTION UNDER THE COUNTY CODE. NECESSARY PLANTINGS TO BE SHOWN ON LANDSCAPE PLAN -4"X4" POSTS AND GRATE BROS. MODEL CH-BN-2001 **ASPHALT PAVEMENT** ASPHALT PAVEMENT ELEV. VARIES 8" CONCRETE PAD - AT 3000 PSI W/ 6X6 - 6/6 W.W.F PRE-CAST CONC. PLAN VARIES (6'-8' MIN.) AS DIR. BY ENG. 3000 PSI CONC. MIN. 12-1/2 GA. C /INTERMEDIATE WIRES! SEE PLAN FOR PIPE ORIENTATION & SIZES **SECTION** INLET DETAIL FENCE FABRIC SHALL BE A MIN. OF 32" IN WIDTH AND SHALL HAVE A MIN. OF SIX LINE WIRES WITH 12" STAY 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 3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE. TEMPORARY SILT FENCE (1/4 MESH OPENINGS) STEEL POSTS-NCDOT #5 OR # 57— WASHED STONE TO PEDESTRIAN FLOW DIRECTION CONSTRUCTION SPECIFICATIONS: UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET. 2. DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE \FILTERED/ ~ X ... X ... X ... X ... PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART. SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACINGA 2-FOOT FLAP OF WIRE MESH UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED. 4. PLACE CLEAN GRAVEL (NCDOT #5 OR #57 STONE) ON A SLOPE WITH A HEIGHT OF 16 "INCHES" AROUND THE WIRE, INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SMOOTH TO AN EVEN GRADE. 5. ONCE THE SIGNIFICANT (3" OR GREATER) RAINFALL EVENT. CLEAR THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING WHEEL CHAIR RAMP TO DAMAGE OR UNDERCUT THE WIRE MESH DURING TYPICAL SIDEWALK AND 6. COMPACT THE AREA PROPERLY AND STABILIZED IT WITH SEDIMENT REMOVAL. REPLACE STONE AS NEEDED. GROUNDCOVER. WHEEL CHAIR RAMP DETAIL HARDWARE CLOTH AND GRAVEL INLET PROTECTION

BUILDING WASTE HANDLING

ALTERNATIVES AVAILABLE.

<u>INSPECTIONS</u>

- 2" TYPE SF 9.5A (NCDOT)

SURFACE WATERS, WETLANDS OR BUFFERS.

. SAME WEEKLY INSPECTION REQUIREMENTS.

UNLESS A SITE-SPECIFIC EXEMPTION IS APPROVED.

I. NO PAINT OR LIQUID WASTES IN STREAMS OR STORM DRAINS

AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.

2. SAME RAIN GAUGE AND INSPECTIONS AFTER 0.5" RAIN EVENT

4. CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH

3. INSPECTIONS ARE ONLY REQUIRED DURING "NORMAL BUSINESS HOURS".

4. INSPECTION REPORTS MUST BE AVAILABLE ON-SITE DURING BUSINESS HOURS

2. DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST

3. EARTHEN-MATERIALS STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS

BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE

NPDES GROUND STABILIZATION CRITERIA SITE WORK NOTES SITE AREA DESCRIPTION STABILIZATION TIMEFRAME PERIMETER DIKES, SWALES, DITCHES AND SLOPES 7 DAYS HIGH QUALITY NONE WATER (HQW) ZONES **SLOPES** F SLOPES ARE 10' OR LESS IN LENGTH AND STEEPER ARE NOT STEEPER THAN THAN 3:1 2:1, 14 DAYS ARE LOWED SLOPES 3:1 14 DAYS 7 DAYS FOR SLOPES GREATER THAN 50 FEE IN LENGTH FLATTER ALL OTHER AREAS 14 DAYS NONE (EXCEPT FOR PERIMETERS AND WITH SLOPES FLATTER THAN 4 HQW ZONES) TEMPORARY SEEDING SPECIFICATION SEEDING MIXTURE SPECIES Rye (grain) Annual lespedeza (Kobe in Piedmont and Coastal Plain, Korean in Mountains) LATE WINTER & EARLY SPRING Omit annual lespedeza when duration of temporary cover is not to extend beyond June. German Millet SUMMER In the Piedmont and mountains, a small-stemmed sundangrass may be substituted at a rate of 50 lf/acre German Millet SEEDING DATES Mountains - Above 2500 ft: Feb. 15-May 15 Below 2500 ft: Feb. 1-May 1 BARRICADES, SIGNS, LIGHTS OR OTHER TRAFFIC CONTROL DEVICES SHALL BE SUMMER Acuntains - Aug 15-Dec 15 SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,00 LF/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL. REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE. SPRING-SUMMER PERMANENT GRASSING DETAIL SEEDING MIXTURE RATE (lb/gcra) SPECIES PENSACOLA BAHAGRASS SERICEA LESPEDEZA COMMON BERMUDA GRASS GERMAN MILLET TALL FESCUE 1. Where A neat appearance is desired, omit sericea.

2. Use common bermuda grass only on isolated sites where it cannot become a pest. Bermuda grass may be replaced with 5 ib/ocf6 centipede grass SEEDING DATES APRIL 1 - JULY 15 SOIL AMENDMENTS REFERTILIZE THE FOLLOWING APRIL WITH 50 Ib/acre 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.

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. 3. LITTER AND SANITARY WASTE-THE PERMITTEE SHALL CONTROL THE MANAGEMENT AND DISPOSAL OF LITTER AND SANITARY WASTE FROM THE SITE.

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 19-GAUGE HARDWARE CLOTH SOLID WASTE REGULATIONS. SOIL STABILIZATION SHALL BE ACHEIVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR

PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) 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 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 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 IS

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. ii. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT. iv. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1. v. 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.

THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZED WITH EXISTING CONDITIONS BOTH ON AND IMMEDIATELY ADJACENT TO THE SITE. CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN. 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 MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL E REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL REPORT. THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE SPECIFIED GRADES.

RESPONSIBLE FOR CUT AND FILL QUANTITIES AND COMPLETE INSTALLATION TO THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED. 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 II PRIVATE EASEMENTS. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.

10. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL. 11. EXISTING SURVEYING PERFORMED BY ATLANTIC COAST SURVEY, PLLC AND

2. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER PRIOR TO INSTALLATION. 13. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER. 14. ALL PVC UTILITY MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER AT FINAL GRADE.

15. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL AND STATE CODES. METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS. 16. ALL PAVEMENT, BASE AND SUBGRADE SHALL CONFORM TO NCDOT STANDARDS INCLUDING WORKMANSHIP, MATERIALS AND EQUIPMENT. APPROPRIATE

PROVIDED IN ACCORDANCE WITH NCDOT TO MAINTAIN SAFETY AND TWO WAY 17. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES. 18. CONCRETE STORM DRAINAGE PIPE SHALL BE CLASS III WITH RUBBER GASKETED JOINTS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S

REQUIREMENTS. 19. USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT SHALL BE A CHLORINATED RUBBER ALKYD, FS TT-P-115, TYPE III, FACTORY MIXED, QUICK DRYING, NON BLEEDING. REFLECTIVE MATERIAL MAY BE ADDED AT OWNER'S OPTION FOR NIGHT REFLECTING.

20. DUCTILE IRON SHALL BE CLASS 50. 21. CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS - AIR ENTRAINED. 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 PAID FOR BY THE CONTRACTOR. 23. SEE GEOTECHNICAL REPORT NO.

___ FOR ADDITIONAL REQUIREMENTS.

SUPPLIED BY THE OWNER.

1. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR EVERY RUN OF 3 FEET (1 VERTICAL TO 3 HORIZONTAL). NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED INCLUDING SIDE SLOPES DURING AND AFTER

INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE, CHECK DAMS, ETC. INSTALL ALL SECONDARY EROSION CONTROL MEASURES AS SOON AS POSSIBLE AFTER BEGINNING CONSTRUCTION

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 ACCUMULATED IN FRONT OF THE DEVICE OR WHEN THEY LEAK OR FAIL. SEDIMENT TRAPS ARE CLEANED OUT AS STATED OR WHEN HALF FULL.

5. IF APPLICABLE, CONSTRUCT PROPOSED RETENTION POND TO ACT AS A SEDIMENT BASIN DURING CONSTRUCTION. REMOVE ACCUMULATION OF SILT AS REQUIRED TO ALLOW PROPER FUNCTIONING. RESTORE POND DESIGN LEVELS AT THE COMPLETION OF CONSTRUCTION. 6. IF APPLICABLE, INSTALL DROP INLETS WITH INLET PROTECTION TO ACT AS SILT TRAPS DURING CONSTRUCTION. REMOVE ACCUMULATED SILT AS NEEDED TO PREVENT SILT FROM ENTERING STORM DRAIN PIPING. 7. A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO

8. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE. MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS PLAN PROVE TO BE LESS EFFECTIVE. 10. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON

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

MAINTENANCE PLAN ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING

RAINFALL, BUT IN NO CASE, LESS THAN ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY 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 ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS. SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, BLOCK AND GRAVEL INLET, ROCK DOUGHNUT INLET PROTECTION AND ROCK PIPE INLET PROTECTION WHEN 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 ONCE A WEEK AND AFTER EVERY RAIN EVENT. 4. DIVERSION DITCHES WILL BE CLEANED OUT IMMEDIATELY TO REMOVE SEDIMENT OR OBSTRUCTIONS 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 ACTIVITY ASSOCIATED WITH A SWALE. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL. STAKE SPACING WILL BE 6 FEET MAX. WITH THE USE OF EXTRA STRENGTH FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX. WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE IN THE SEDIMENT FENCE THE ROCK WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED. SEDIMENT WILL BE REMOVED FROM SEDIMENT TRAPS WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. THE ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY: NO LONGER DRAINS OR WHEN THE ROCK IS DISLODGED. BAFFLES WILL EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING 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

> SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE DESIGN STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT 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 PROMPTLY. SEDIMENT WILL BE REMOVED FROM BAFFLES WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BAFFLE FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT 8. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO

MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL OTHER AREAS WILL BE STABILIZED WITHIN 15 WORKING DAYS. FLOCCULATES WILL BE USED TO ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, HOSES AND INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.

IGINEERIN(
Street TRIPP
419 Ches
Wilmingto
Phone 910 191 191

2

REVISIONS

Date Description By

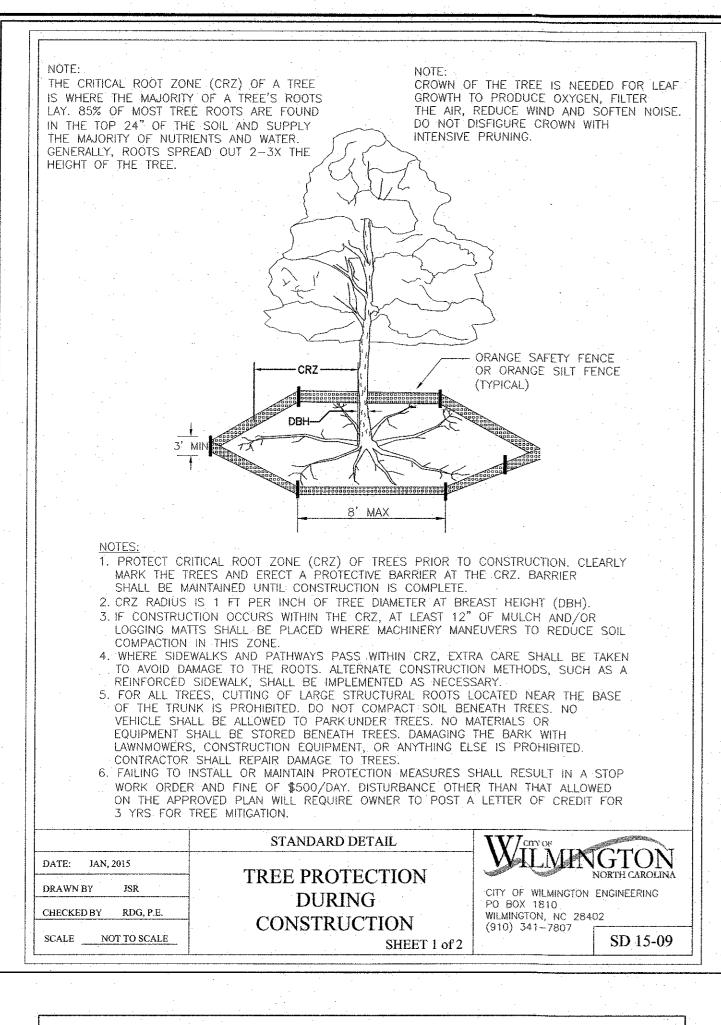
PROPERTIES INGTON. NC

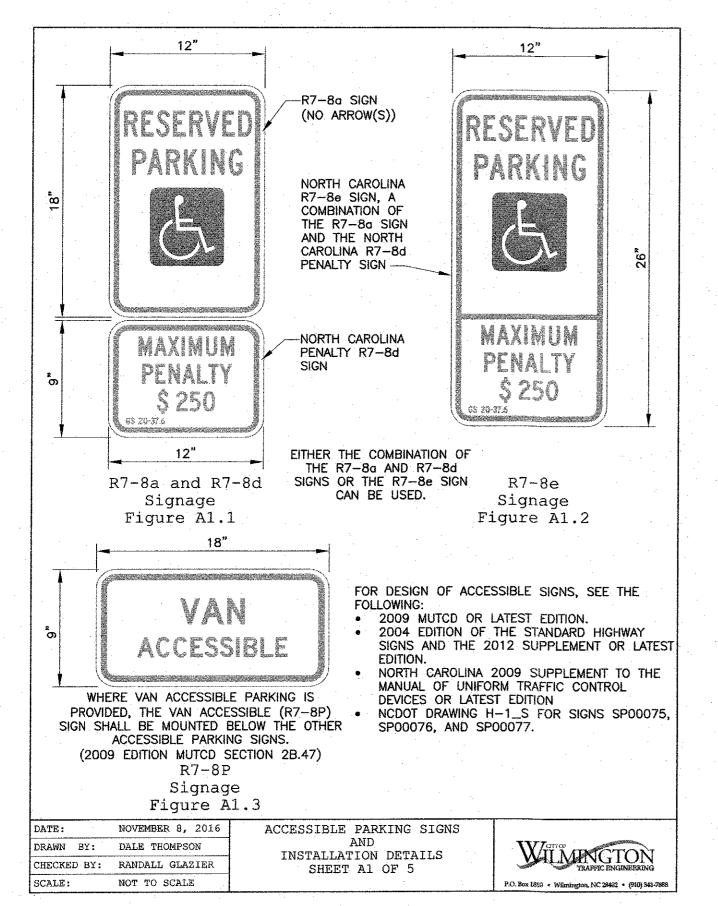
LVO GROUP

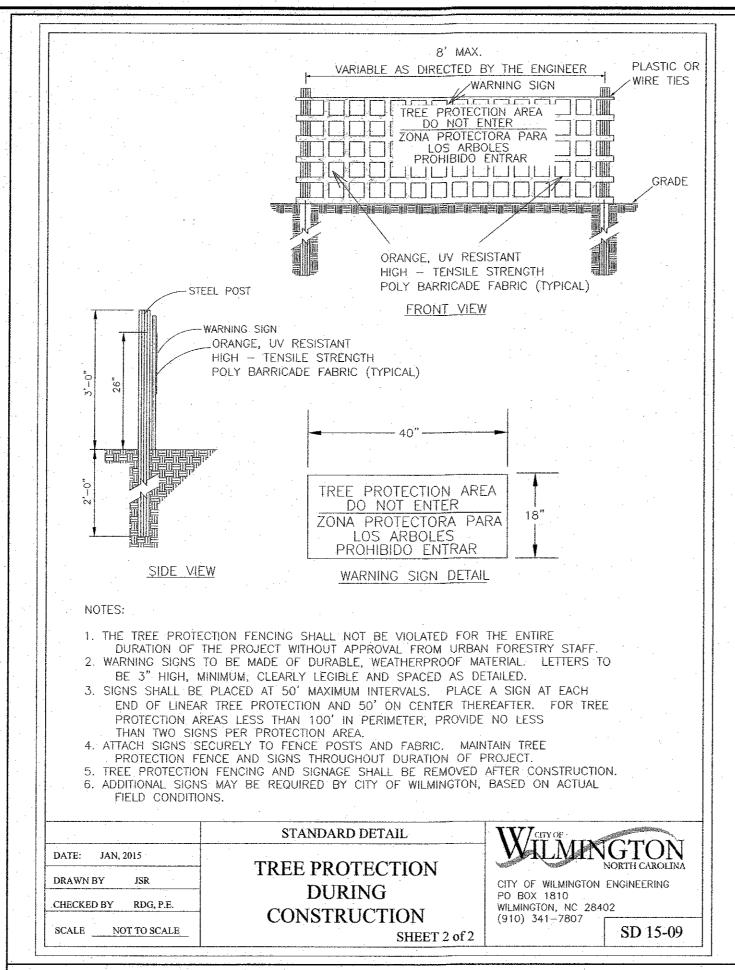
WHY CARO DE COTESSION 16 17374 NOINEER GREGOR

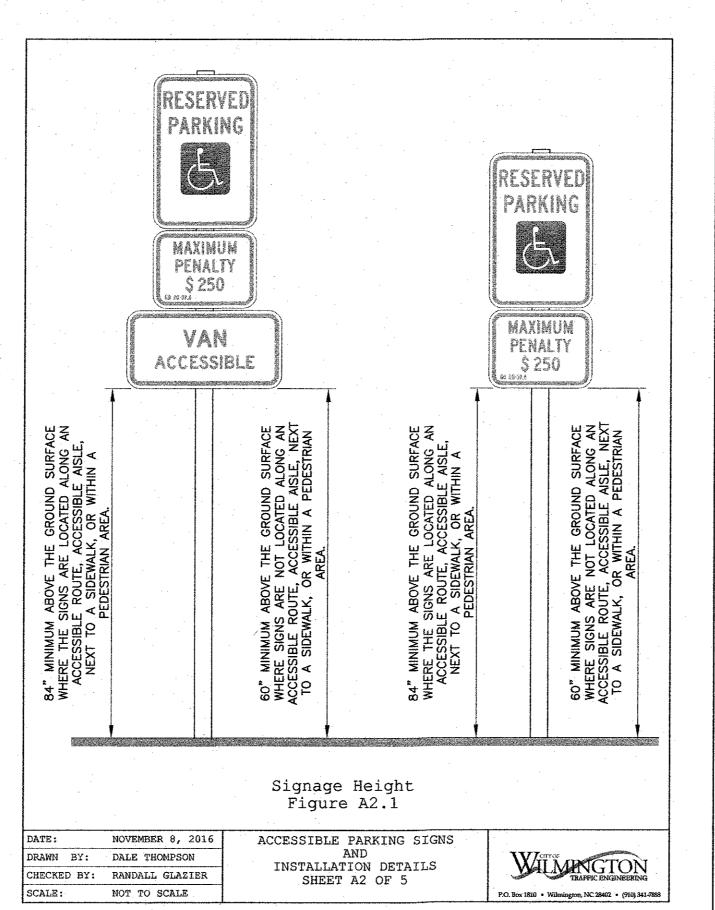
01-23-19 DESIGN DRAWN EJW

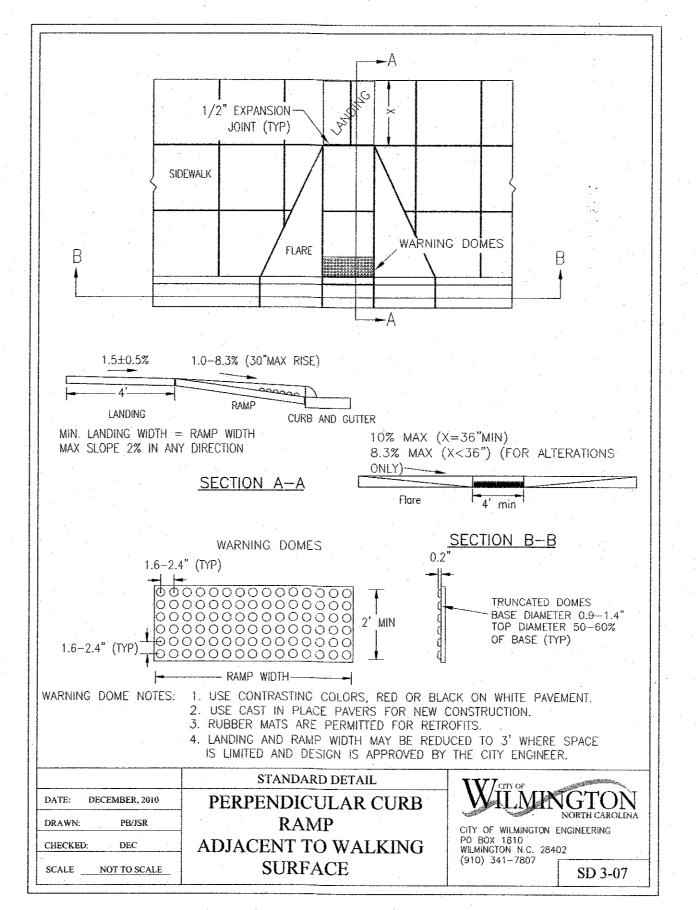
SHEET 5 OF 6 17069

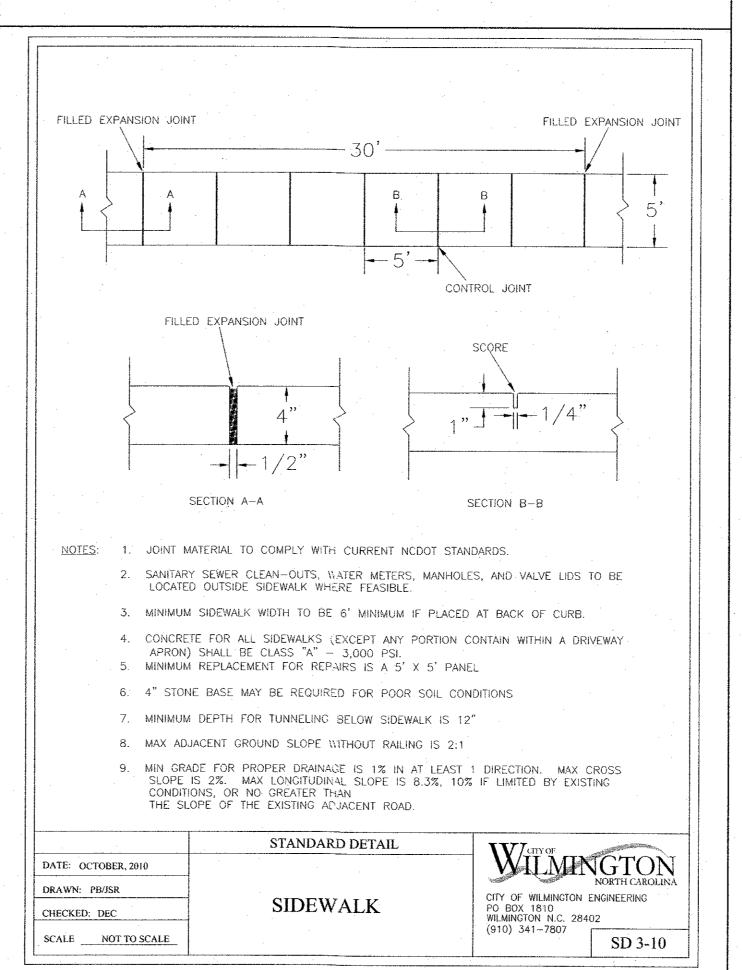


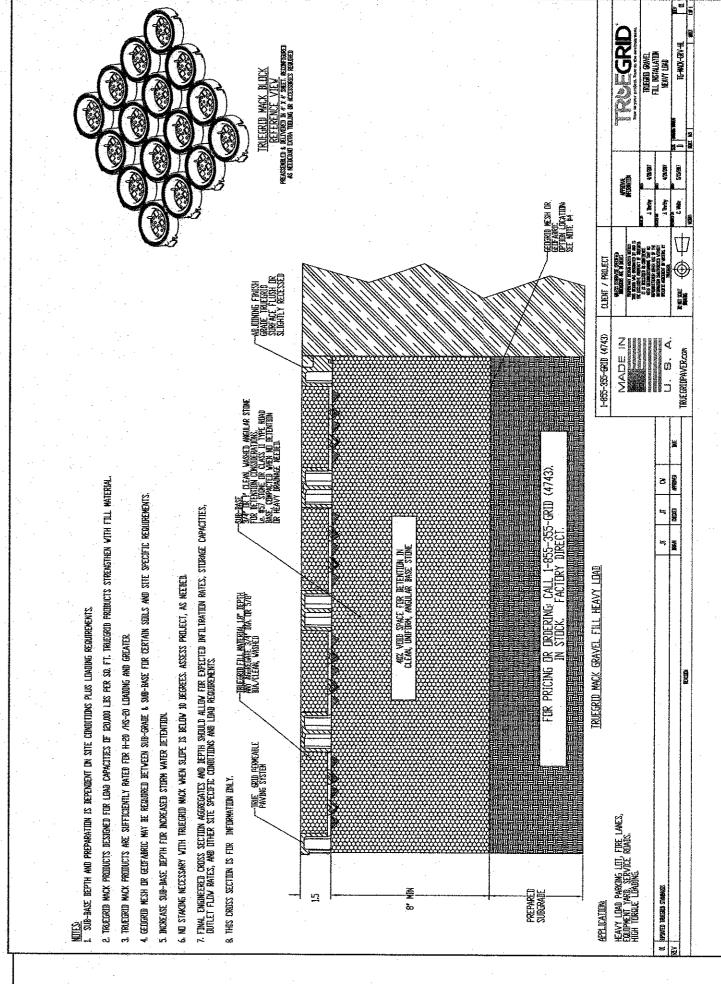


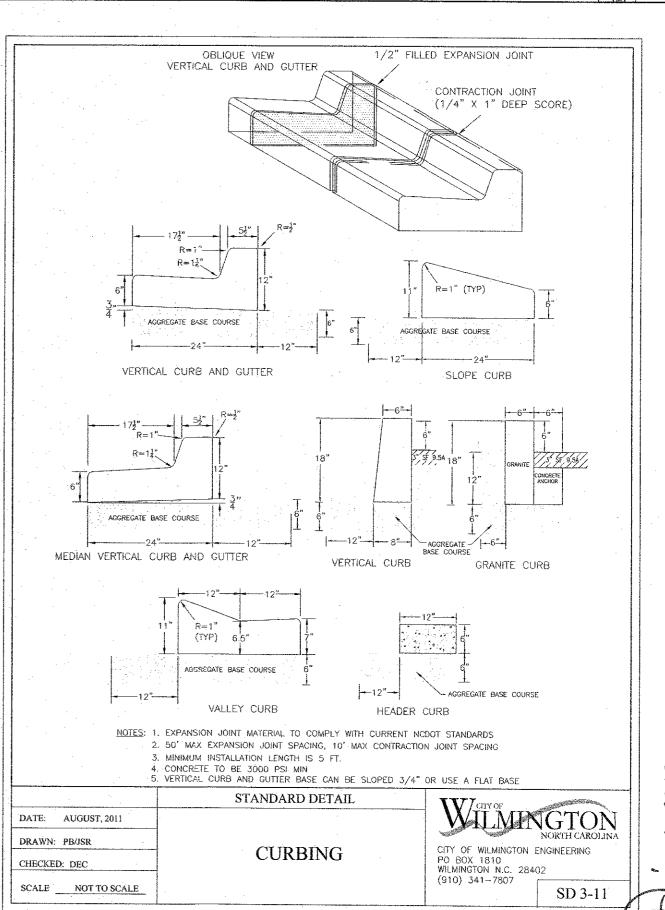


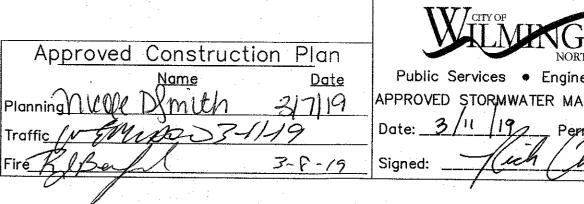


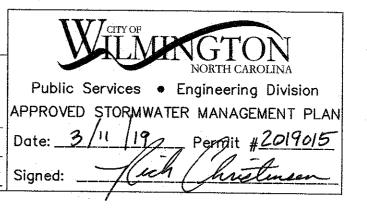












01-23-19 PGT DESIGN EJW DRAWN

SEAL

17374 ONG INEER GREGOR

IGINEERIN(
Street

ENGIN stnut Street on, North (0-763-5100 0-763-5631

ningte ne 910 910

REVISIONS

ate Description By

SHEET 6 OF 6 17069

