

- EROSION AND SEDIMENT CONTROL CONSTRUCTION AND MAINTENANCE NOTES**
1. THE CONTRACTOR SHALL DESIGNATE AN EROSION AND SEDIMENT CONTROL COORDINATOR FOR THE SITE.
 2. HOLD PRE-CONSTRUCTION MEETING AT LEAST ONE WEEK BEFORE THE START OF ANY CONSTRUCTION OPERATION. INVITE NCDNR AND TOWN OF PITTSBORO COORDINATOR.
 3. START CONSTRUCTION BY INSTALLING E&S DEVICES AS PER WHISPERING MEADOWS SUBDIVISION CONSTRUCTION SEQUENCE SHOWN ON THE EROSION AND SEDIMENT CONTROL DESIGN AND DETAIL SHEETS.
 4. START CONSTRUCTION OPERATIONS AS OUTLINED IN THE WHISPERING MEADOWS SUBDIVISION CONSTRUCTION SEQUENCE FOR CONSTRUCTION OF ROAD, STORMWATER, AND UTILITIES. (REFER TO E&S PLANS AND DETAIL SHEETS 7, 8, 9 & 10).
 5. ADJUST E&S DEVICES AS OUTLINED IN THE SUBDIVISION CONSTRUCTION SEQUENCE IN ORDER TO PERFORM PROPERLY WITH THE NEW GRADES. (SEE SHEETS 8 & 9)
 6. WHEN CHANGES IN CONSTRUCTION ACTIVITIES SEQUENCE ARE NEEDED, AMEND E&S PRACTICES TO MAINTAIN MANAGEMENT CONTROL. CONSULT WITH THE PROJECT ENGINEER BEFORE MAKING THE CHANGES.
 7. ALL GRADED AREAS WILL BE SEED, FERTILIZED AND MULCHED TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER WITHIN 15 WORKING DAYS OR 21 CALENDAR DAYS (WHICHEVER IS SHORTER) OF COMPLETION OF ANY PHASE OF GRADING. IF WORK ON THE PROJECT CEASES FOR MORE THAN THE AFOREMENTIONED LENGTH OF TIME, ALL DISTURBED AREAS SHALL HAVE TEMPORARY VEGETATIVE GROUND COVER ESTABLISHED AND EROSION CONTROL PRACTICES MAINTAINED.
 8. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSPECTED WEEKLY AND AFTER RAINFALL EVENTS. NEEDED REPAIRS WILL BE MADE IMMEDIATELY.
 9. ESTIMATED TIME BEFORE FINAL STABILIZATION IS FOUR MONTHS.
 10. ESTIMATED DISTURBED AREA IS 3.12 ACRES.
 11. ALL APPLICABLE EROSION & SEDIMENT CONTROL MEASURES ARE TO REMAIN AND BE PROPERLY MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED. AFTER SITE IS STABILIZED, TEMPORARY SEDIMENT TRAPS, TEMPORARY DIVERSIONS, CONSTRUCTION ENTRANCE AND CONSTRUCTION STAGING AND MATERIAL STOCKPILE AREAS AND OTHER EROSION CONTROL DEVICES SHALL BE REMOVED, RESTORED TO ORIGINAL CONDITION AND PERMANENTLY VEGETATED. CONTRACTOR MUST RECEIVE PERMISSION BY THE PROJECT INSPECTOR BEFORE REMOVING ANY E&S DEVICES.
 12. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TEMPORARY E&S DEVICES ON THE PROJECT.
 13. THIS PLAN IN NO WAY COVERS IMPROVEMENTS TO ANY LOT OR LOTS. IF ANY SINGLE DEVELOPER / BUILDER DISTURBS 1+ ACRE(S) ON ANY COMBINATION OF CONTIGUOUS LOTS, A STANDALONE E&S PLAN FOR THAT ACTIVITY SHOULD BE SUBMITTED TO AND APPROVED BY CHATHAM COUNTY E&S SECTION.
 14. AREA TO BE PERMANENTLY STABILIZED WITH VEGETATION IS 2.0 ACRES.

- MAINTENANCE OF EROSION AND SEDIMENT CONTROL PRACTICES**
1. THE CONTRACTOR SHALL CHECK ALL EROSION AND SEDIMENT CONTROL PRACTICES FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY BY THE CONTRACTOR TO MAINTAIN ALL PRACTICES AS DESIGNED. ALSO PER NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL STORMWATER PERMIT, A RAIN GAUGE MUST BE MADE AND LOGGED AFTER EVERY HALF INCH RAINFALL AND ONCE A WEEK.
 2. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM SEDIMENT TRAPS WHEN STORAGE CAPACITY HAS BEEN APPROXIMATELY 50% FILLED. GRAVEL SHALL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS PROPERLY.
 3. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM BEHIND SILT FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
 4. THE CONTRACTOR SHALL FERTILIZE, RESEED AS NECESSARY, AND MULCH ALL DISTURBED AREAS ACCORDING TO SEEDING SPECIFICATIONS AS PER THE PLANS TO MAINTAIN A VIGOROUS, DENSE VEGETATED COVER.
 5. THE CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES OR OTHER AREAS WITHIN 21 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING. PERMANENT GROUND COVER IS TO BE PROVIDED FOR ALL DISTURBED AREAS WITHIN 21 CALENDAR DAYS OR SOONER FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.

PROJECT TITLE: WHISPERING MEADOWS SUBDIVISION

PHASE I = 12 LOTS
PHASE II = 11 LOTS
PHASE III = 10 LOTS

OWNER:
WINDSTAR PROPERTIES, LLC.
P.O. BOX 1508
PITTSBORO, NC 27312-9894

ENGINEER:
CIVIL AND STRUCTURAL ENGINEERING SERVICES, PLLC
(BUSINESS LICENSE # P-0537)
SAMIR W. BAHHO, PE (LICENSE # 16941)
4612 KAPLAN DRIVE, RALEIGH, NC 27606
TEL: (919) 851-1642
CELL: (919) 621-0628 EMAIL: BAHHOS@BELLSOUTH.NET

SURVEYOR:
NORTH ARROW SURVEYING AND MAPPING, PLLC.
(BUSINESS LICENSE # P-0469)
RICHARD BULLOCK, PLS (LICENSE # L-3266)
7820 LAGENARIA DRIVE
ANGIER, NC 27501
TEL: (919) 444.3003

NDPES PERMIT NOTES:

Notes: Construction of the project must comply to the General NPDES and the Changes in the NPDES Permit entitled "Major Elements of DWQ Construction General Permit effective August 03, 2011"

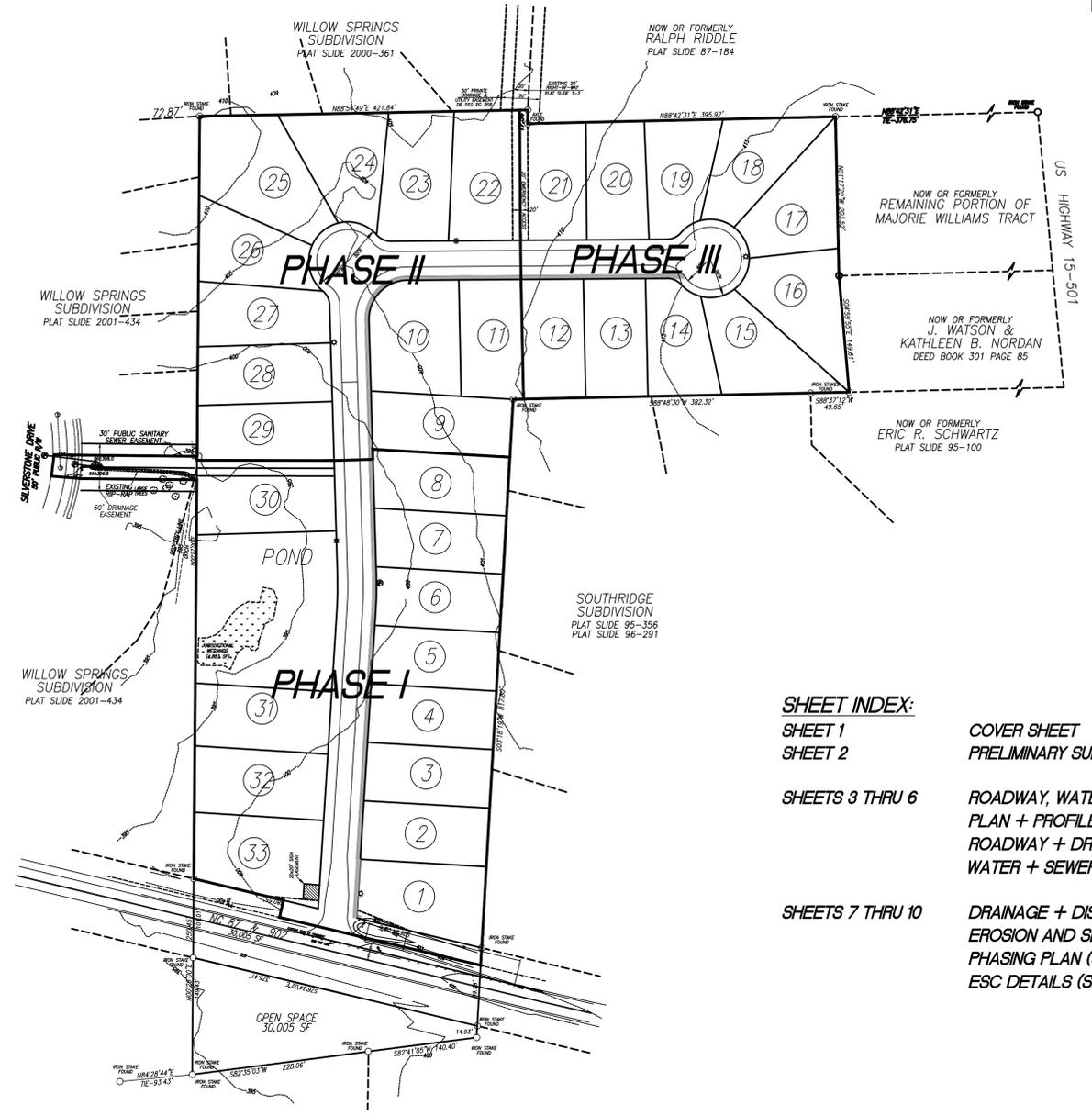
1. NPDES Stormwater Discharge Permit for Construction Activities (NC0501) NCDNR/Division of Water Quality

NEW STABILIZATION TIMEFRAMES (Effective Aug. 3, 2011)		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
Perimeter dikes, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW Zones.

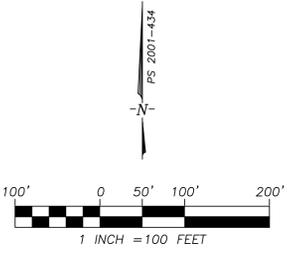
2. Construction and building wastes handling:
- No paint or liquid wastes in stream or storm drains.
 - Dedicated areas for demolition, construction and other wastes must be located 50' from storm drains and streams unless no reasonable alternatives are available.
 - Earthen-material stockpiles must be located 50' from storm drains and streams unless no reasonable alternatives are available.
 - Concrete material must be controlled to avoid contact with surface waters, wetlands and/or buffers.
3. Inspection:
- For weekly inspection and rain gauge requirements see E&S notes on the plans.
 - Inspections are required during "normal business" hours.
 - Inspection reports must be available on-site during business hours unless a site-specific exemption is approved.
 - Records must be kept for 3 years and available upon request.
 - Electronically-available records may be substituted under certain conditions.

Notification of Land Resources Sediment and Erosion control Self-Inspection Program:

The Sedimentation Pollution Control Act was amended in 2006 to require that persons responsible for Land-disturbing activities inspect a project after each phase of the project to make sure that the approved erosion and sedimentation control plan is being followed. Rules detailing the documentation of these inspections took effect in October 1, 2010. The self-inspection program is separate from the weekly self-monitoring program of the NPDES Stormwater Permit for Construction Activities. The focus of the self-inspection report is the installation and maintenance of erosion and sedimentation control measures according to the approved plan. The inspections must be conducted after each phase of the project, and continue until permanent ground cover is established in accordance with NCGS 113A-54H and 15A NCAC 4B.0131. The self-inspection report form is available as an Excel spreadsheet from <http://www.dir.enr.state.nc.us/phags/sedimentation-new.htm>. If you have questions or cannot access the form, please contact NCDNR Division of Land Resources at (919) 791-4200



- SHEET INDEX:**
- SHEET 1 COVER SHEET
 - SHEET 2 PRELIMINARY SUBDIVISION PLAN
 - SHEETS 3 THRU 6 ROADWAY, WATER + SEWER PLAN + PROFILE (SHEETS 3+4) ROADWAY + DRAINAGE DETAILS (SHEET 5) WATER + SEWER DETAILS (SHEET 6)
 - SHEETS 7 THRU 10 DRAINAGE + DISTURBED AREAS (SHEET 7) EROSION AND SEDIMENT CONTROL PHASING PLAN (SHEET 8) ESC DETAILS (SHEETS 9+10)



11/14/2016



NOTE:
ALL CONSTRUCTION SHALL CONFORM WITH THE LATEST VERSION OF THE TOWN OF PITTSBORO AND NCDOT STANDARDS AND SPECIFICATIONS.

PRELIMINARY PLAN
DO NOT USE FOR CONSTRUCTION FOR REVIEW BY LOCAL OFFICIALS AND STATE OF NORTH CAROLINA.

PROJECT: WHISPERING MEADOWS SUBDIVISION
 OWNER: WINDSTAR PROPERTIES, LLC.
 SUBDIVISION PLAN DATA & NOTES
 CENTER TOWNSHIP CHATHAM COUNTY NORTH CAROLINA
 COVER SHEET

NO.	DATE	DESCRIPTION	BY

DATE: 11/14/16 SCALE: NOTED
 DESIGNED: SWB CHECKED: SWB
 DRAWING: REB APPROVED: WM
 SHEET: COVER SHEET 1 OF 10
 CAD FILE: WM
 PROJECT NO: 2011.09