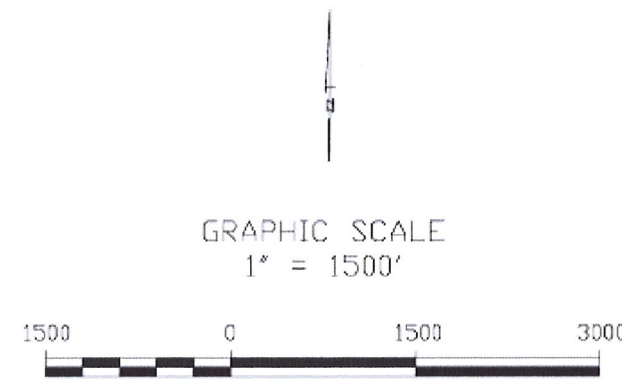


- GREEN UNIT: HELENA, FINE LOAMY HELENA VARIANTS AND SOME ALTAVISTA SOIL SERIES. SOILS HAVE WETNESS CONDITIONS DUE TO PERCHING IN SUBSOIL AND SOME LANDSCAPE FLUCTUATING WATER TABLES. SANDY LOAM TO LOAMY SAND SURFACES OVER CLAY TO SANDY CLAY LOAM SUBSOILS.
 - BLACK UNIT: VERY TO EXTREMELY BOULDER AREAS OF PACOLET AND WEDOWEE.
 - BLUE UNIT: CHEWACLA - WEHADKEE SOILS - AN UNDIFFERENTIATED UNIT IN FLOOD PLAINS - THESE AREAS ARE MARGINAL FOR USE DUE TO POSITION (FLOODPLAIN) AND SOIL WETNESS.
 - PURPLE AREAS: THESE AREAS ARE SHOWING DRAINAGeways WITH THE 25 FOOT SETBACK. SOME AREAS ARE CLOSE TO OR JOIN WETLAND CHANNELS.
 - RED UNIT: WEDOWEE, PACOLET, APPLING VANCE SOIL SERIES; WELL DRAINED, SANDY LOAM SURFACE TEXTURES OVER CLAYEY SUBSOILS DEEP TO ROCK.
 - YELLOW UNIT: RION, LOUISBURG, WAKE SOIL SERIES; WELL DRAINED, SHALLOW TO DEEP, COARSE TO FINE LOAMY SUBSOILS (SANDY LOAM TO SANDY CLAY LOAM) WITH SOME ROCKY AND FEW BOULDERY AREAS INCLUDED IN THIS UNIT.
 - BROWN UNIT: WEDOWEE AND RION SOIL SERIES WITH BOULDERY AND ROCKY SANDY LOAM TEXTURED SURFACE LAYERS - THIS UNIT IS DIFFERENT THAN THE "RED UNIT SOILS" AREA DUE TO THE BOULDERS AND ROCKY CONDITIONS.
- POINT OF HYDRAULIC CONDUCTIVITY MEASUREMENT



Soil & Environmental Consultants, PA
1000 Basic Ridge Road • Raleigh, North Carolina 27617 • Phone: 919-545-5400 • Fax: 919-545-5401
 www.secinc.com

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MAY 2004

SOIL MAP

NEWLAND COMMUNITIES
 - BRIAR CHAPEL SOILS -
 CHATHAM COUNTY, NORTH CAROLINA

SCALE:
1" = 1500'

DRAWN BY:
MH, JB

DATE:
APRIL 5, 2004

PROJECT NO:
4-1228 SL

SHEET
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