

FOREBAY REQUIRED  
AT ALL DRAINAGE INLETS

SIDE SLOPES  
BETWEEN 4:1  
AND 10:1

SAFETY BENCH  
AT TOP OF SLOPE  
(MINIMUM 10  
FEET WIDE)

SLOPES TO BE  
STABILIZED TO  
PREVENT EROSION

PLAN

RIP RAP INLET  
PROTECTION

RESERVOIR  
EMBANKMENT

OUTLET PROTECTION  
AREA RIPRAP

**THIS DETAIL TEMPORARILY  
SUSPENDED, REFERENCE THE  
CITY OF ROCKY MOUNT  
STORMWATER DESIGN  
MANUAL FOR CONSTRUCTION  
REQUIREMENTS.**

NOTES:

1. THIS DRAWING IS INTENDED TO SHOW THE BASIC FEATURES OF A WETPOND. REFER TO SECTIONS 22A & B OF THE CODE OF THE CITY OF ROCKY MOUNT FOR DETAILED INFORMATION.
  2. WETPONDS ARE REQUIRED FOR HIGH-DENSITY DEVELOPMENTS IN DESIGNATED WATERSHED PROTECTION AREAS.
  3. PONDS MAY ALSO BE USED FOR DOWNSTREAM DRAINAGE SYSTEM IMPROVEMENTS WHERE REQUIRED FOR RUNOFF ADDITION EXCEEDS SYSTEM CAPACITY.
- \* WHERE A POND DISCHARGES TO AN INTERMITTENT OR PERENNIAL STREAM, A 50 FT. MIN. RIPARIAN BUFFER AND LEVEL TERRACE MUST BE PROVIDED.

RESERVE ON-SITE  
DISPOSAL AREA FOR  
DREDGED SEDIMENT

HOOD OR  
TRASH RACK

0.5' F.  
FRONT BOARD

30 FT. MIN.\*  
VEGETATIVE FILTER

\* 50 FT. MIN. RIPARIAN  
BUFFER WHERE APPLICABLE  
IN TAR RIVER BASIN.

SEWAGE FOREBAY  
(PLANTED AS MARSH)

PERMANENT POOL  
(MIN. 1 FT. MAX. DEPTH)

WEIR

EMBANKMENT

ANTI-SEEP  
COLLARS

CLAY OR GEOTEXTILE LINER  
(IF EXISTING SOILS ARE PERMEABLE)

BEST MANAGEMENT PRACTICES FOR RETENTION (WET) PONDS

REVISIONS		
NO	DATE	DESCRIPTION

CITY OF ROCKY MOUNT  
DEPT. OF ENGINEERING

APPROVED	STD. NO.
-	6.31
DATE	REVISION
02-09-07	-