



**DESIGN CRITERIA**

PRIMARY SPILLWAY:	STONE
MAXIMUM DRAINAGE AREA:	10 ACRES
MINIMUM VOLUME:	1800 CUBIC FEET PER ACRE OF DISTURBED AREA
MINIMUM SURFACE AREA:	325 SQUARE FEET PER CFS OF Q <sub>PEAK FLOW</sub>
MINIMUM L/W RATIO:	2:1
MAXIMUM L/W RATIO:	6:1
MINIMUM DEPTH:	2 FEET
DEWATERING MECHANISM:	SKIMMER
MINIMUM DEWATERING TIME:	24 HOURS
BAFFLES REQUIRED:	3 MINIMUM
DESIGN LIFE:	3 YEARS MAX

SEE NC DENR EROSION and SEDIMENT CONTROL PLANNING and DESIGN MANUAL.

CITY OF RALEIGH PUBLIC WORKS DEPARTMENT		
REVISIONS	DATE: 7/11/07	DRAWN BY: WDP
WDP 1-9-2012		
WDP 10-12-2012		
SKIMMER SEDIMENT BASIN		
STD. # 40.35		