SEDIMENT TRAP # 1
DA = 1.73 AC.
BOTTOM EL. = 500
WET EL. = 502
DRY EL. = 504
TOP OF DAM = 505
L = 12'
WET VOLUME = 116 CY
DRY VOLUME = 116 CY

SEDIMENT BASIN # 1
TOP OF DAM = 517.50
SPILLWAY EL. = 515.75
DEWATERING INVERT = 514.10
CLEANOUT EL. = 513.10
RISER = 24 CMP WITH ANTI-VORTEX
BARREL = 48 LF 18" CMP WITH (1) 4.5' X 4.5' COLLAR
INVERT IN = 512
INVERT OUT = 510

EROSION CONTROL LEGEND

- (CE) VESC STD CONSTRUCTION ENTRANCE 3.02
- (SF) VESC STD SILT FENCE 3.05
- (CIP) VESC STD CULVERT INLET PROTECTION 3.08
- (DD) VESC STD DIVERSION 3.09
- (ST) VESC STD SEDIMENT TRAP 3.13
- (SB) VESC STD SEDIMENT BASIN 3.14
- (OP) VESC STD OUTLET PROTECTION 3.18
- (CD) VESC STD CHECK DAM 3.20

COMMONWEALTH OF VIRGINIA
CARL EDWARD DUNCAN
NO. 21865
PROFESSIONAL ENGINEER

RPI
LANDSCAPE ARCHITECTURE · ENGINEERING
ARCHITECTURE · RECREATION DESIGN
RESOURCE PLANNERS, INC
311 NORTHSIDE AVENUE, RICHMOND, VA. 23238
PHONE: (804) 261-5957
FAX: (804) 264-3464

GRADING, DRAINAGE & EROSION CONTROL PLAN

CENTRAL AREA PARK

FAUQUIER COUNTY PARKS AND RECREATION
FAUQUIER COUNTY, VIRGINIA

10595ACD_120803_ec

REVISIONS:
12/15/03
4/26/04

DRAWN BY: DFS/CLF
CHECKED BY: PRM
APPROVED BY: PRM

DATE: 9/19/01
SCALE: 1"=50'

PROJECT NO: 10595ACD

SHEET
GEC1 OF 3