



TOTAL PROJECT AREA (PHASE 2) = 16.02 ac.
SEDIMENT STORAGE CALCULATIONS
DISTURBED AREA (PHASE 2) = 11.5 ACRES
SEDIMENT STORAGE REQUIRED = 770.5 CY
SEDIMENT STORAGE PROVIDED BY
ROCK FILTER DAM O = 421.5 CY
ROCK FILTER DAM R = 119 CY
ROCK FILTER DAM S = 119 CY
ROCK FILTER DAM T = 102 CY
HAY BALE CHECK DAM (Cd-HB) = 19 CY
HAY BALE CHECK DAM (Cb-HB) = 19 CY
TOTAL SEDIMENT STORAGE PROVIDED = 782.5 CY

HYDRAULIC DESIGN DATA							
PIPE SYSTEM	Q _{2 1/2"}	V _{2 1/2"}	Q _{3 1/2"}	V _{3 1/2"}	Q _{4 1/2"}	V _{4 1/2"}	OUTLET PROTECTION
STRM-C	X	X	X	X	X	X	24"(L) x 12"(W) TYP
STRM-K	2.83	3.22	4.63	3.59	3.67	4.63	9"(L) x 4.5"(W) TYP
STRM-L	1.48	2.71	2.41	3.09	5.48	3.67	9"(L) x 4.5"(W) TYP
STRM-M	3.10	3.29	5.07	3.64	5.97	3.65	9"(L) x 4.5"(W) TYP

ANTICIPATED CONSTRUCTION SCHEDULE							
CASCAID DATE							
REPLENISHMENT OF RESERVOIR							
SPECIAL MAINTENANCE							
CLEANING / REPAIRS							
PLANNED & UNPLANNED							
CONSTRUCTION							
MACHINE OPERATIONS							
FADING OPERATION							
TRUCKS TRAILERS TOWERS							
& OTHERS (MACHINES)							
MAINTENANCE OF OFFICE &							
STORAGE, OFFICE BUILDINGS							
AND LANDSCAPE							
WORKING OF OFFICIAL CONTROL							
CONSTRUCTION WORK							

ANTICIPATED SCHEDULING			
PROJECT ID			
EMPLOYEE SCHEDULING (Date)			
AREA, ETC.			
AREA, ETC.			
EMPLOYEE SCHEDULING (Date)			
AREA OF SCHEDULING			
AREA OF SCHEDULING			

1000



Civil Engineering Storm Water Management
and Surveying Land Planning Site Design
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EC2a

EROSION & SEDIMENTATION CONTROL PLAN
OF
WEBSTER LAKE, PHASE 2
LAND LOTS 178, 179, 206 & 207
6TH DISTRICT
CITY OF TEMPLE
CARROLL & HARALSON COUNTY, GEORGIA

DATE: 2 FEBRUARY 2005

NO.	DATE	REVISION DESCRIPTION	DRAWING NO. HD4125-PLANS.DWG
			DRAWN BY: G8

	CHECKED BY: HBR	
	JOB NO.: HM0128	

Figure 1: A schematic diagram of a 1D lattice system. The lattice consists of sites labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50. The sites are arranged in a horizontal line. The first site (1) is occupied by a blue circle. The second site (2) is occupied by a red circle. The third site (3) is occupied by a green circle. The fourth site (4) is occupied by a blue circle. The fifth site (5) is occupied by a red circle. The sixth site (6) is occupied by a green circle. The seventh site (7) is occupied by a blue circle. The eighth site (8) is occupied by a red circle. The ninth site (9) is occupied by a green circle. The tenth site (10) is occupied by a blue circle. The eleventh site (11) is occupied by a red circle. The twelfth site (12) is occupied by a green circle. The thirteenth site (13) is occupied by a blue circle. The fourteenth site (14) is occupied by a red circle. The fifteenth site (15) is occupied by a green circle. The sixteenth site (16) is occupied by a blue circle. The seventeenth site (17) is occupied by a red circle. The eighteenth site (18) is occupied by a green circle. The nineteenth site (19) is occupied by a blue circle. The twentieth site (20) is occupied by a red circle. The twenty-first site (21) is occupied by a green circle. The twenty-second site (22) is occupied by a blue circle. The twenty-third site (23) is occupied by a red circle. The twenty-fourth site (24) is occupied by a green circle. The twenty-fifth site (25) is occupied by a blue circle. The twenty-sixth site (26) is occupied by a red circle. The twenty-seventh site (27) is occupied by a green circle. The twenty-eighth site (28) is occupied by a blue circle. The twenty-ninth site (29) is occupied by a red circle. The thirtieth site (30) is occupied by a green circle. The thirty-first site (31) is occupied by a blue circle. The thirty-second site (32) is occupied by a red circle. The thirty-third site (33) is occupied by a green circle. The thirty-fourth site (34) is occupied by a blue circle. The thirty-fifth site (35) is occupied by a red circle. The thirty-sixth site (36) is occupied by a green circle. The thirty-seventh site (37) is occupied by a blue circle. The thirty-eighth site (38) is occupied by a red circle. The thirty-ninth site (39) is occupied by a green circle. The fortieth site (40) is occupied by a blue circle. The forty-first site (41) is occupied by a red circle. The forty-second site (42) is occupied by a green circle. The forty-third site (43) is occupied by a blue circle. The forty-fourth site (44) is occupied by a red circle. The forty-fifth site (45) is occupied by a green circle. The forty-sixth site (46) is occupied by a blue circle. The forty-seventh site (47) is occupied by a red circle. The forty-eighth site (48) is occupied by a green circle. The forty-ninth site (49) is occupied by a blue circle. The fiftieth site (50) is occupied by a red circle. The diagram is labeled "SCALE 1'" and "SCALE 1'".

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