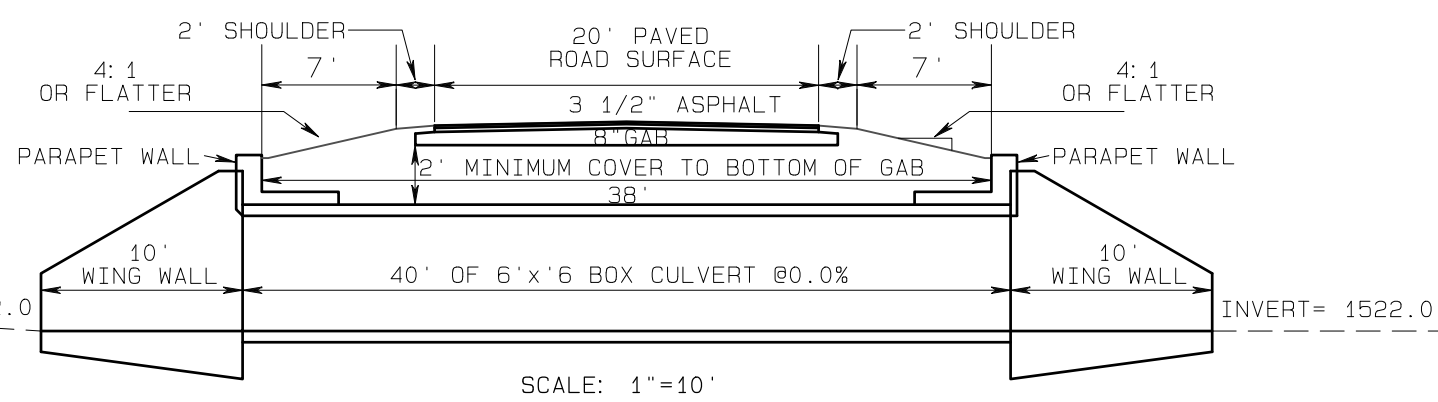


LEVEL II CERTIFIED
DESIGN PROFESSIONAL # 0000008180



NOTES:
 COMNTRACTOR MAY USE PRECAST OR CAST IN PLACE CULVERTS
 ALL CONSTRUCTION OF BOX CULVERTS WILL BE PER GDOT STANDARDS AND SPECIFICATIONS.
 PRECAST STANDARDS: GDOT 2530P AND 2535P
 CAST IN PLACE STANDARDS: GDOT 2403-1, 2403-2-E, 2403-3, 2404, 2406-1, AND 2406-2
 PAY QUANTITIES WILL BE PER GDOT DETAILS

DATE: SEPT. 14, 2020		STA 68+41 BOX CULVERT PLAN/PROFILE/SECTION LITTLE MOUNTAIN RD LUMPKIN COUNTY, GEORGIA
DRAWN BY: LR		
DATE: 6-3-21		REVISIONS: DESCRIPTION 6-3-21 TURNED ON BMP LAYER
Lumpkin County Engineering 1642 RED OAK FLATS RD DAHLONEGA, GEORGIA 30533 PHONE: (706) 864-3122		SCALE: 1"=50' SHEET: C-034

Ds3 DISTURBED AREA STABILIZATION
PERMANENT VEGETATION

GRASS:
MARCH THRU MAY AND AUGUST THRU OCTOBER: TALL FESCUE 50 LBS PER ACRE
OTHER MONTHS: PLANT TEMPORARY SEEDING ONLY AS PER Ds2.
REPLANT IN MONTHS PERMINENT IN MONTHS LISTED ABOVE

LIME: 2 TONS PER ACRE

FERTILIZER:
FIRST YEAR- 6-12-12 AT 1500 LBS/ AC.
SECOND YEAR- 6-12-12 AT 800 LBS/ AC.

Ds2 DISTURBED AREA STABILIZATION
TEMPORARY VEGETATION

GRASS:
JANUARY- FEBUARY: RYE GRASS @ 40 LBS /AC
MARCH-APRIL: BROWNTOP MILLET @ 40 LBS/SAC
MAY-AUGUST: PEARL MILLET @ 50 LBS/AC
SEPTEMBER- DECEMBER: RYEGRASS @40 LBS/AC

Ds1 DISTURBED AREA STABILIZATION
TEMPORARY

Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage.

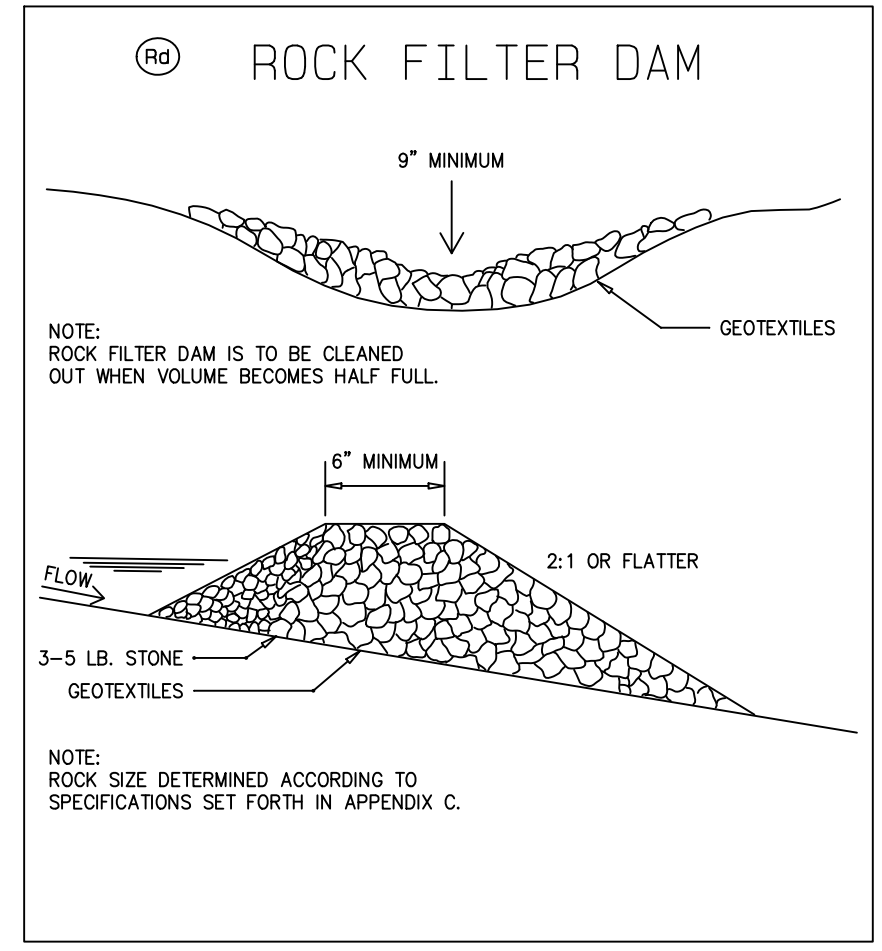
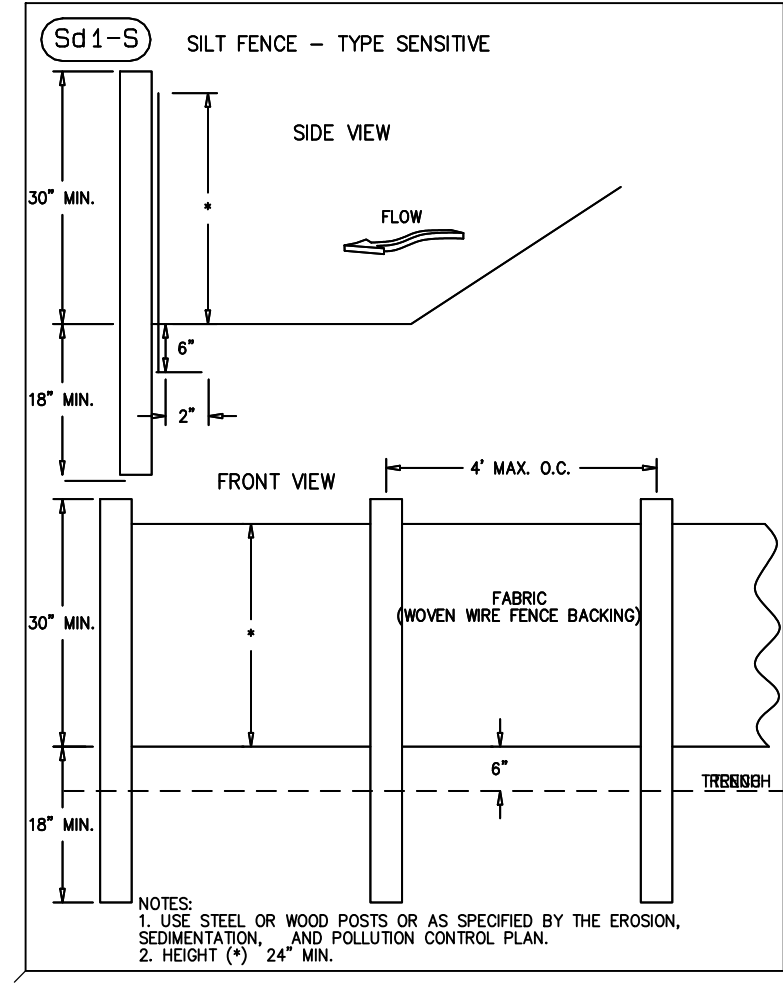
34. Appendix B rationale for NTU values

WESTERN TRIB. OF POVERTY CREEK DRAINAGE AREA= 0.24 SQMI PROJECT AREA= 3.2 AC APPENDIX B VALUE= 25 NTU
POVERTY CREEK DRAINAGE AREA= 2.71 SQMI PROJECT AREA= 10.5 AC APPENDIX B VALUE= 25 NTU
MILL CREEK DRAINAGE AREA= 3.35 SQMI PROJECT AREA= 112.83 AC APPENDIX B VALUE= 25 NTU

EROSION CONTROL CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

Larry Reiter
LARRY REITER
LEVEL II CERTIFIED
DESIGN PROFESSIONAL # 0000008180



45. RUNOFF COEFFICIENT OR PEAK DISCHARGE

WESTERN TRIB. OF POVERTY CREEK
DRAINAGE AREA= 151 AC
TC= 21 MIN
PRE DEVELOPMENT CN= 58
POST DEVELOPMENT CN=58

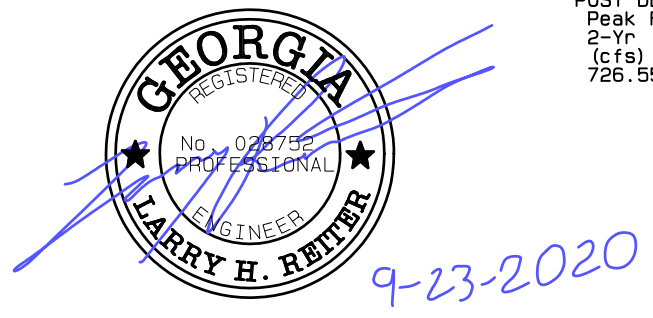
Peak Flow by Rainfall Return Period						
2-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)
80.69	138.97	195.13	282.85	356.48	436.53	

POVERTY CREEK
DRAINAGE AREA= 1731 AC
TC= 87 MIN
PRE DEVELOPMENT CN= 65
POST DEVELOPMENT CN=65

Peak Flow by Rainfall Return Period						
2-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)
712.01	1078.06	1421.61	1939.12	2360.43	2819.04	

MILL CREEK
DRAINAGE AREA= 2232 AC
TC= 125 MIN
PRE DEVELOPMENT CN= 65
POST DEVELOPMENT CN=65

Peak Flow by Rainfall Return Period						
2-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)
726.55	1095.48	1438.96	1958.29	2397.70	2857.70	



24 HR CONTACT:
LARRY REITER
(706) 973-7805

DATE: SEPT. 14, 2020
DRAWN BY: LR
SCALE: nts
SHEET: ES-003

EROSION CONTROL DETAILS
LITTLE MOUNTAIN RD
LUMPKIN COUNTY, GEORGIA

REVISIONS:
DESCRIPTION
DATE:

Lumpkin County Engineering
1642 RED OAK FLATS RD
DAHLONEGA, GEORGIA 30533
PHONE: (706) 864-3122