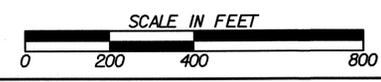


PROJECT AREA: 9.48 AC
PROJECT DISTURBED AREA: 6.69 AC

GSWCC LEVEL 1 DESIGN PROFESSIONAL NO. 0000018858
[Signature]
GEORGIA LICENSED PROFESSIONAL
2-25-10
DATE

PRE-CONSTR. RUNOFF COEFFICIENT	PRE-CONSTR. DISCHARGE Q50 (CFS)	PRE-CONSTR. VELOCITY V50 (FT/S)	PRE-CONSTR. HEADWATER EL. H50 (FT)	PRE-CONSTR. DISCHARGE Q100 (CFS)	PRE-CONSTR. VELOCITY V100 (FT/S)	PRE-CONSTR. HEADWATER EL. H100 (FT)
0.38	122.59	17.41	N/A	124.84	17.47	N/A
0.37	70.76	14.46	888.39	71.46	14.56	888.57
0.39	11.14	13.22	N/A	11.33	13.27	N/A

OUTFALL STRUCTURE	DRAINAGE BASIN	DRAINAGE AREA	DISTURBED DRAINAGE AREA	Q STRUCTURE STATION	ALIGNMENT	OUTFALL CULVERT SIZE	OUTFALL CULVERT SKEW	RECEIVING WATERS	OUTFALL CHANNEL SLOPE	POST-CONSTR. RUNOFF COEFFICIENT	POST-CONSTR. DISCHARGE Q50 (CFS)	POST-CONSTR. VELOCITY V50 (FT/S)	POST-CONSTR. HEADWATER EL. H50 (FT)	POST-CONSTR. DISCHARGE Q100 (CFS)	POST-CONSTR. VELOCITY V100 (FT/S)	POST-CONSTR. HEADWATER EL. H100 (FT)
A1	A	65.97	4.16	57+42	S.R. 53	4' X 3' (BOX CULVERT)	79.70°	INDIAN CREEK	1.00%	0.40	129.12	10.76	N/A	131.50	10.96	N/A
B1	B	47.57	0.62	34+66	S.R. 124	54'	78.00°	INDIAN CREEK	1.00%	0.39	74.49	8.31	883.22	75.37	8.35	883.25
C1	C	5.60	0.34	57+67	S.R. 53	24'	72.10°	INDIAN CREEK	6.07%	0.40	11.42	5.82	N/A	11.63	5.96	N/A



REVISION DATES		

TOWN OF BRASELTON
OFFICE:
**EROSION CONTROL
DRAINAGE AREA MAP**
SR53 & SR124
INTERSECTION REALIGNMENT
DRAWING No. 53-01