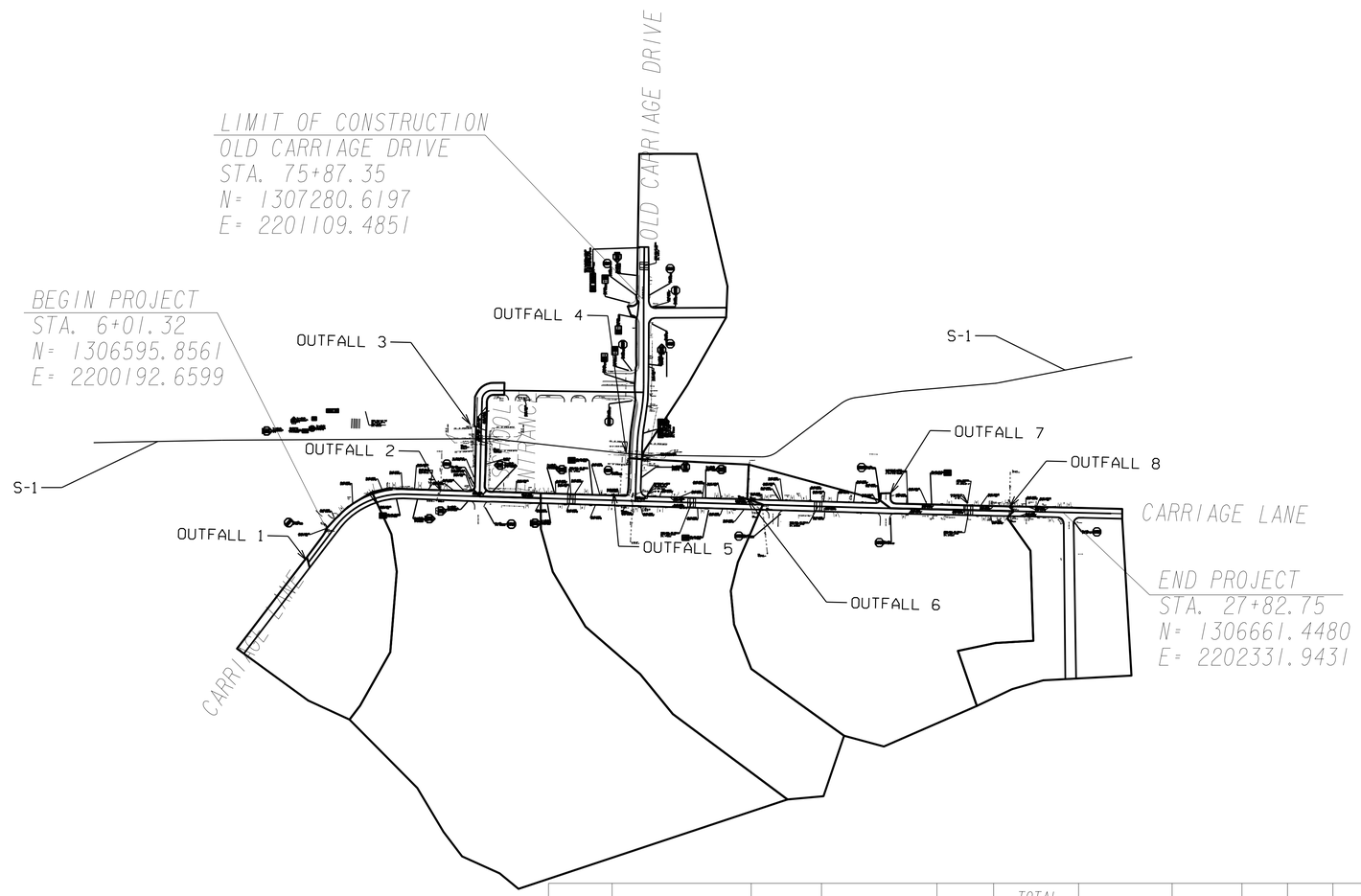

TOTAL DISTURBED AREA OF PROJECT = 1.00 ACRES

TOTAL PROJECT SIZE = 3.44 ACRES

OUTFALL	ALIGNMENT	STATION	SIDE / OFFSET	EXIST PIPE SIZE	TOTAL Drainage Area TO OUTFALL (ACRES)	AVERAGE OUTFALL CHANNEL SLOPE	Pre/Post	Q50 (cfs)	Q100 (cfs)	Weighted C factor	Velocity Q50(fps)	Velocity Q100(fps)	TOTAL DISTURBED ACREAGE OF EACH OUTFALL	OUTFALL NOTES
1	CARRIAGE LN	5+00	LEFT / 16'	N/A	4.01	INTO CLOSED SYSTEM	Pre	18.81	21.38	0.54	N/A	N/A	0.00	EXISTING PIPE
							Post	19.52	22.18	0.54	N/A	N/A	0.03	
2	CARRIAGE LN	9+67	LEFT / 16'	24"	17.73	INTO CLOSED SYSTEM	Pre	72.37	82.28	0.51	23.04	26.19	0.00	EXISTING PIPE
							Post	72.54	82.47	0.51	23.09	26.25	0.10	
3	SCHOOL ENTRANCE	51+50	LEFT / 16'	DBL 54"	0.33	INTO CLOSED SYSTEM	Pre	3.31	3.75	0.95	3.92	4.17	0.00	EXISTING CULVERT
							Post	4.22	4.78	0.95	4.29	4.47	0.17	
4	OLD CARRIAGE DR	71+32	LEFT / 17'	DBL 54"	3.86	INTO CLOSED SYSTEM	Pre	17.92	20.37	0.58	4.77	4.94	0.00	EXISTING CULVERT
							Post	18.28	20.78	0.59	4.81	4.99	0.14	
5	CARRIAGE LN	14+90	LEFT / 15'	24"	9.54	INTO CLOSED SYSTEM	Pre	43.10	48.99	0.52	13.72	15.59	0.00	EXISTING PIPE
							Post	44.11	50.14	0.53	14.04	15.96	0.24	
6	CARRIAGE LN	18+63	LEFT / 15'	24"	11.44	INTO CLOSED SYSTEM	Pre	49.22	56.01	0.51	15.67	17.83	0.00	EXISTING PIPE
							Post	50.18	57.11	0.52	15.97	18.18	0.19	
7	CARRIAGE LN	22+80	LEFT / 15'	N/A	0.13	INTO CLOSED SYSTEM	Pre	1.31	1.48	0.95	N/A	N/A	0.00	EXISTING PIPE
							Post	1.81	2.05	0.95	N/A	N/A	0.07	
8	CARRIAGE LN	26+28	LEFT / 15'	24"	3.94	INTO CLOSED SYSTEM	Pre	17.66	20.08	0.56	10.20	10.43	0.00	EXISTING PIPE
							Post	18.16	20.64	0.57	10.27	10.51	0.06	

MULKEY ENGINEERS & CONSULTANTS

GEORGIA
DEPARTMENT OF TRANSPORTATION

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: INNOVATIVE DELIVERY

EROSION CONTROL DRAINAGE AREA MAP

SRTS - FULTON
BETHUNE ELEMENTARY

DRAWING No. 53-001

12/14/2012 GPLN