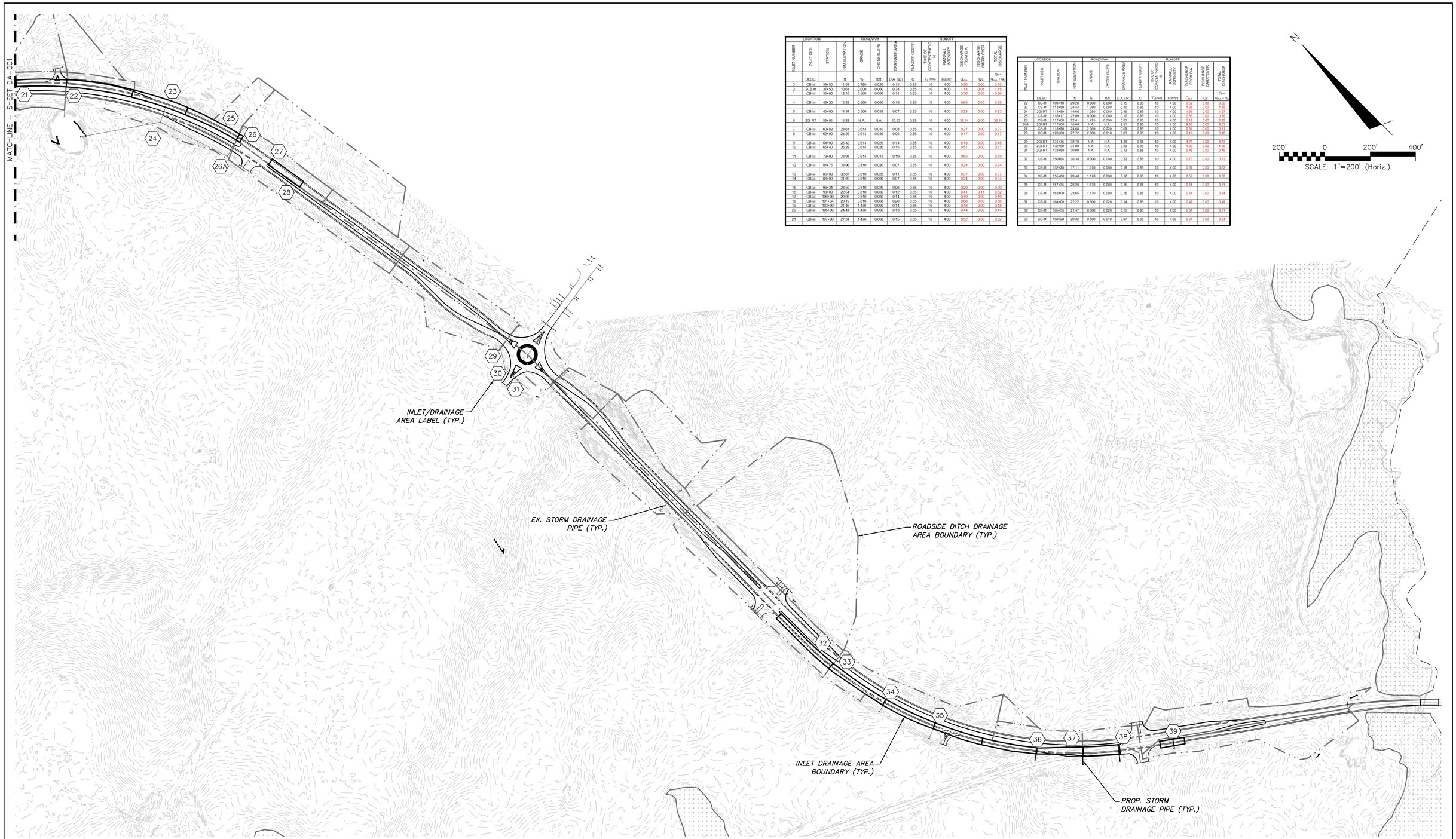

LOCATION				ROADWAY		RUNOFF							
INLET NUMBER	INLET DES.	STATION	RIM ELEVATION	GRADE	CROSS SLOPE	DRAINAGE AREA	RUNOFF COEFF	TIME OF CONCENTRATION	RAINFALL INTENSITY	DISCHARGE FROM D.A.	DISCHARGE CARRYOVER	TOTAL DISCHARGE
	DESC.	ft	%	ft/ft	D.A. (ac)	C	T_c (min)	I (in/hr)	$Q_{D.A.}$	Q_{C}	$Q_T = Q_{D.A.} + Q_C$
3	CB-M	39+50	11.03	0.780	0.020	0.15	0.85	10	4.00	0.50	0.00	0.50
2	2CB-M	37+50	10.61	0.000	0.060	0.34	0.85	10	4.00	1.14	0.01	1.15
1	CB-M	35+00	12.16	0.500	0.000	0.11	0.85	10	4.00	0.36	0.00	0.36
4	CB-M	42+20	13.23	0.580	0.060	0.19	0.85	10	4.00	0.65	0.00	0.65
5	CB-M	45+00	14.34	0.500	0.033	0.07	0.85	10	4.00	0.23	0.00	0.23
6	2CB-RT	53+81	15.28	N.A.	N.A.	10.63	0.85	10	4.00	36.14	0.00	36.14
7	CB-M	60+82	23.61	0.614	0.010	0.08	0.85	10	4.00	0.27	0.00	0.27
8	CB-M	62+00	24.56	0.614	0.036	0.05	0.85	10	4.00	0.17	0.00	0.17
9	CB-M	64+00	25.42	0.614	0.020	0.14	0.85	10	4.00	0.48	0.00	0.48
10	CB-M	65+40	26.28	0.614	0.020	0.15	0.85	10	4.00	0.51	0.00	0.51
11	CB-M	79+00	33.93	0.614	0.013	0.19	0.85	10	4.00	0.65	0.00	0.65
12	CB-M	81+75	33.96	0.810	0.020	0.07	0.85	10	4.00	0.24	0.00	0.24
13	CB-M	85+00	32.87	0.810	0.028	0.11	0.85	10	4.00	0.37	0.00	0.37
14	CB-M	86+00	31.69	0.810	0.000	0.07	0.85	10	4.00	0.24	0.00	0.24
15	CB-M	96+34	23.50	0.810	0.020	0.06	0.85	10	4.00	0.20	0.00	0.20
16	CB-M	98+00	22.54	0.810	0.000	0.12	0.85	10	4.00	0.41	0.11	0.52
17	CB-M	100+00	20.92	0.810	0.060	0.14	0.85	10	4.00	0.49	0.00	0.49
18	CB-M	101+34	20.19	0.810	0.000	0.20	0.85	10	4.00	0.68	0.00	0.68
19	CB-M	103+00	21.46	1.476	0.060	0.14	0.85	10	4.00	0.48	0.00	0.48
20	CB-M	105+00	24.41	1.476	0.060	0.13	0.85	10	4.00	0.44	0.00	0.44
21	CB-M	107+00	27.31	1.476	0.060	0.15	0.85	10	4.00	0.52	0.00	0.52

LOCATION				ROADWAY		RUNOFF							
INLET NUMBER	INLET DES.	STATION	RIM ELEVATION	GRADE	CROSS SLOPE	DRAINAGE AREA	RUNOFF COEFF	TIME OF CONCENTRATION	RAINFALL INTENSITY	DISCHARGE FROM D.A.	DISCHARGE CARRYOVER	TOTAL DISCHARGE
	DESC.	ft	%	ft/ft	D.A. (ac)	C	T_c (min)	I (in/hr)	$Q_{D.A.}$	Q_{C}	$Q_T = Q_{D.A.} + Q_C$
22	CB-M	108+19	28.26	0.000	0.060	0.15	0.85	10	4.00	0.52	0.00	0.52
23	CB-M	113+56	24.44	1.280	0.060	0.40	0.85	10	4.00	1.39	0.00	1.39
24	2GI-RT	115+59	19.08	1.280	0.060	0.46	0.85	10	4.00	1.56	0.00	1.56
25	CB-M	115+17	22.09	0.000	0.060	0.17	0.85	10	4.00	0.58	0.00	0.58
26	CB-M	117+00	22.41	1.425	0.060	0.03	0.85	10	4.00	0.12	0.00	0.12
26A	2GI-RT	117+00	16.00	N.A.	N.A.	2.51	0.85	10	4.00	8.53	0.00	8.53
27	CB-M	119+60	24.68	2.369	0.020	0.09	0.85	10	4.00	0.31	0.00	0.31
28	CB-M	120+08	27.72	2.369	0.010	0.03	0.85	10	4.00	0.10	0.00	0.10
29	2GI-RT	131+75	32.70	N.A.	N.A.	1.39	0.85	10	4.00	4.73	0.00	4.73
30	2GI-RT	132+50	31.00	N.A.	N.A.	0.38	0.85	10	4.00	1.30	0.00	1.30
31	2GI-RT	133+50	30.00	N.A.	N.A.	0.13	0.85	10	4.00	0.45	0.00	0.45
32	CB-M	150+84	16.38	0.000	0.060	0.22	0.85	10	4.00	0.73	0.00	0.73
33	CB-M	152+20	17.11	1.170	0.060	0.18	0.85	10	4.00	0.62	0.00	0.62
34	CB-M	155+00	20.40	1.170	0.060	0.17	0.85	10	4.00	0.58	0.00	0.58
35	CB-M	157+35	23.20	1.170	0.060	0.15	0.85	10	4.00	0.51	0.00	0.51
36	CB-M	162+00	23.65	1.170	0.060	0.16	0.85	10	4.00	0.54	0.00	0.54
37	CB-M	164+00	22.22	0.500	0.020	0.14	0.85	10	4.00	0.49	0.00	0.49
38	CB-M	165+55	21.47	0.500	0.020	0.15	0.85	10	4.00	0.51	0.00	0.51
39	CB-M	168+28	20.32	0.500	0.010	0.07	0.85	10	4.00	0.24	0.00	0.24

REV.NO.	DESCRIPTIONS	DATE
	REVISIONS	

SEAL

SEAL 022574 ENGINEER RICHARD M. MILLER 10/03/2014

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Newland® COMMUNITIES

NASH North America Scrub House, LLC

RIVER ROAD

DRAINAGE AREA MAP

DATE:	SEPTEMBER 2014
MCE PROJ. #	2735-0007
DRAWN	NJL
DESIGNED	NJL
CHECKED	RMC
PROJ. MGR.	RMC

SCALE
HORIZONTAL: 1"=200'
VERTICAL:

M&C FILE NUMBER: DA-002
DRAWING NUMBER: DA2

STATUS: FINAL DESIGN PLANS
REVISION

S:\2735\0007\90-Drawings\86-Design\2014-09-30 Drainage Area Map.dwg, 10/3/2014 5:15:55 PM, nlaurietta,
ANSI D (22.00 x 34.00 Inches), 1:1