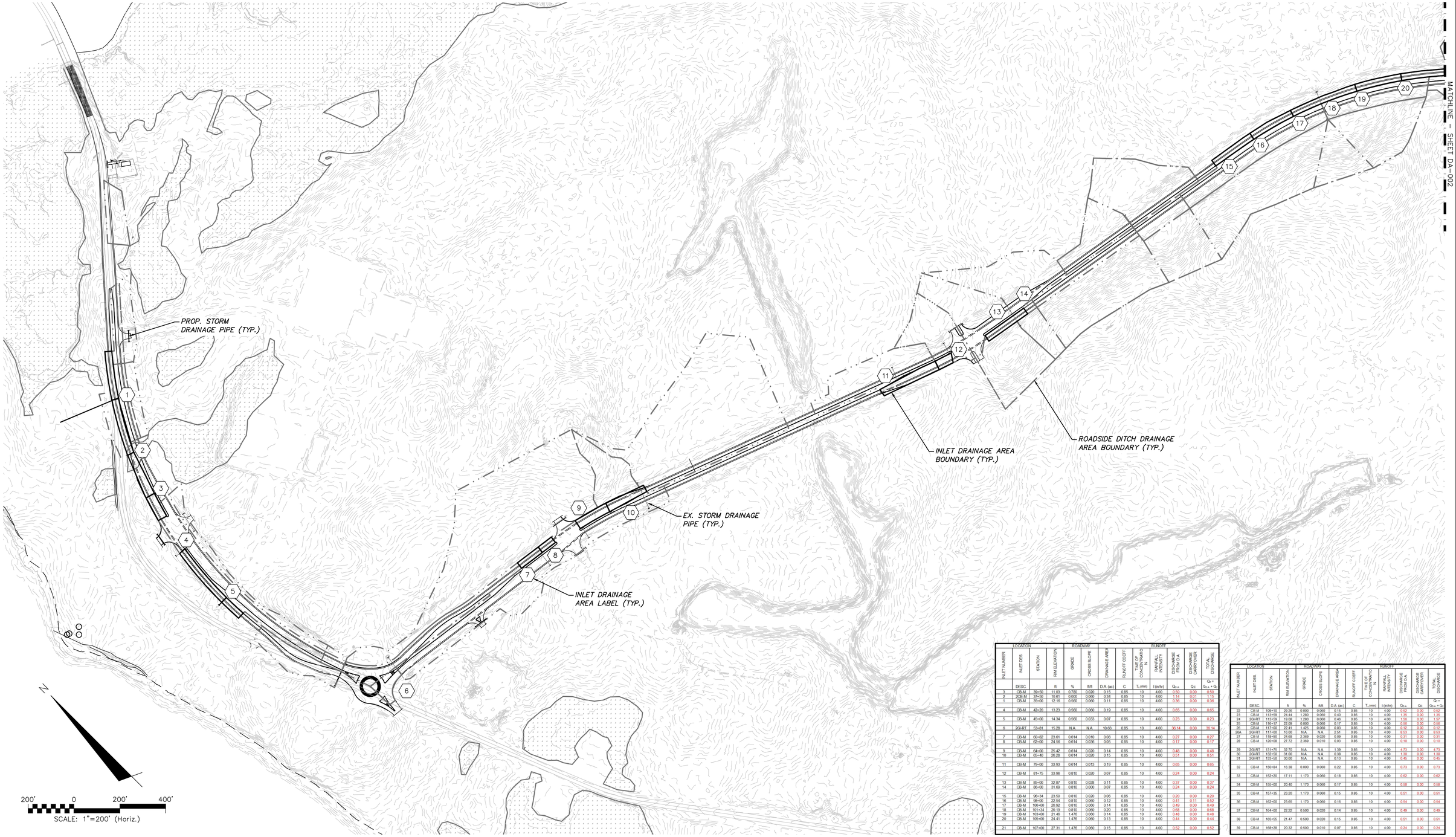

INLET NUMBER	LOCATION: INLET DES	LOCATION: STATION	ROADWAY: RIM ELEVATION	ROADWAY: GRADE	ROADWAY: CROSS SLOPE	RUNOFF: DRAINAGE AREA	RUNOFF: RUNOFF COEFF	RUNOFF: TIME OF CONCENTRATIO	RUNOFF: RAINFALL INTENSITY	RUNOFF: DISCHARGE FROM D.A.	RUNOFF: DISCHARGE CARRYOVER	RUNOFF: TOTAL DISCHARGE
	DESC		ft	%	ft/ft	D.A. (ac)	C	T_c (min)	I (in/hr)	$Q_{D.A.}$	Qc	$Q_T = Q_{D.A.} + Q_C$
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	2QB-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	0.060	0.11	0.85	10	4.00	0.36	0.00	0.36
4	CB-M	42+20	13.23	0.500	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	2QI-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	90+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	0.060	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	0.060	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

INLET NUMBER	LOCATION: INLET DES	LOCATION: STATION	ROADWAY: RIM ELEVATION	ROADWAY: GRADE	ROADWAY: CROSS SLOPE	RUNOFF: DRAINAGE AREA	RUNOFF: RUNOFF COEFF	RUNOFF: TIME OF CONCENTRATIO	RUNOFF: RAINFALL INTENSITY	RUNOFF: DISCHARGE FROM D.A.	RUNOFF: DISCHARGE CARRYOVER	RUNOFF: TOTAL DISCHARGE
	DESC		ft	%	ft/ft	D.A. (ac)	C	T_c (min)	I (in/hr)	$Q_{D.A.}$	Qc	$Q_T = Q_{D.A.} + Q_C$
22	CB-M	109+10	29.26	0.000	0.060	0.15	0.85	10	4.00	0.52	0.00	0.52
23	CB-M	113+59	24.44	1.280	0.060	0.40	0.85	10	4.00	1.35	0.00	1.35
24	2QI-RT	113+59	19.08	1.280	0.060	0.45	0.85	10	4.00	1.56	0.00	1.57
25	CB-M	116+17	22.09	0.000	0.060	0.17	0.85	10	4.00	0.56	0.00	0.56
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	2QI-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	118+00	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	2QI-RT	131+75	32.70	N.A.	N.A.	1.39	0.85	10	4.00	4.73	0.00	4.73
30	2QI-RT	132+50	31.00	N.A.	N.A.	0.38	0.85	10	4.00	1.30	0.00	1.30
31	2QI-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	156+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 NICHOLAS J. LILLI 10/03/2014

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Newland COMMUNITIES

NORTH AMERICA SCANDIA HOUSE, LLC

RIVER ROAD

DRAINAGE AREA MAP

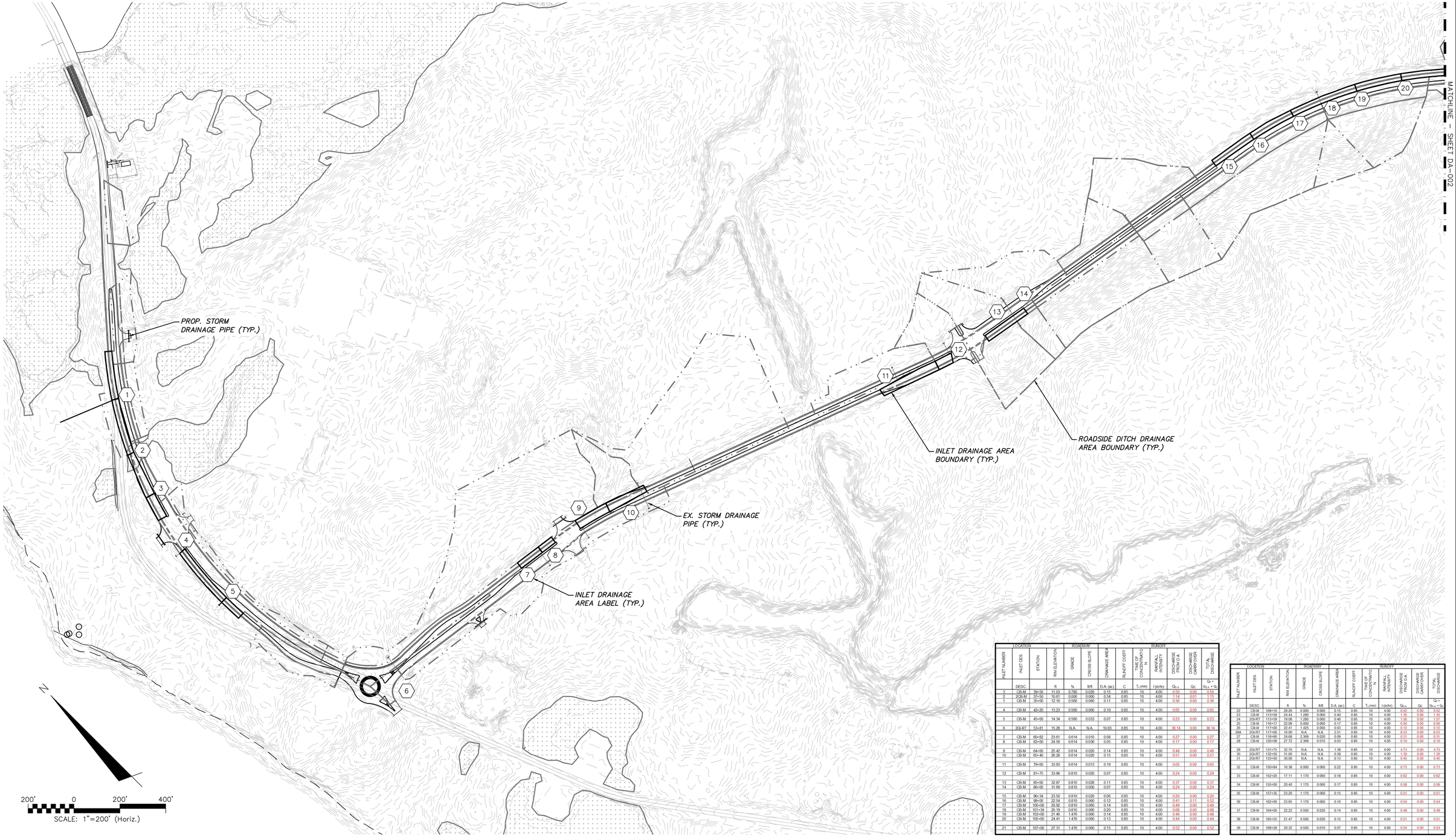
DATE:	SEPTEMBER 2014
MCE PROJ. #	2735-0007
DRAWN	NJL
DESIGNED	NJL
CHECKED	RMC
PROJ. MGR.	RMC

SCALE
HORIZONTAL: 1"=200'
VERTICAL:

M&C FILE NUMBER: DA-001
DRAWING NUMBER: DA1

STATUS: FINAL DESIGN PLANS
REVISION

S:\2735\0007\80-Drawings\86-Design\2014-09-30 Drainage Area Map.dwg, 10/3/2014 5:15:17 PM, nlauretta,
ANSI D (22.00 x 34.00 Inches), 1:1



INLET NUMBER	LOCATION: INLET DES	LOCATION: STATION	ROADWAY: RIM ELEVATION	ROADWAY: GRADE	ROADWAY: CROSS SLOPE	RUNOFF: DRAINAGE AREA	RUNOFF: RUNOFF COEFF	RUNOFF: TIME OF CONCENTRATIO	RUNOFF: RAINFALL INTENSITY	RUNOFF: DISCHARGE FROM D.A.	RUNOFF: DISCHARGE CARRYOVER	RUNOFF: TOTAL DISCHARGE
	DESC		ft	%	ft/ft	D.A. (ac)	C	T_c (min)	I (in/hr)	$Q_{D.A.}$	Qc	$Q_T = Q_{D.A.} + Q_C$
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	2QB-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	0.060	0.11	0.85	10	4.00	0.36	0.00	0.36
4	CB-M	42+20	13.23	0.500	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	2QI-RT	53+81	15.28	N.A.	N.A.	10.63	0.85	10	4.00	36.14	0.00	36.14
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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-001
DRAWING NUMBER: DA1

STATUS: FINAL DESIGN PLANS
REVISION

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