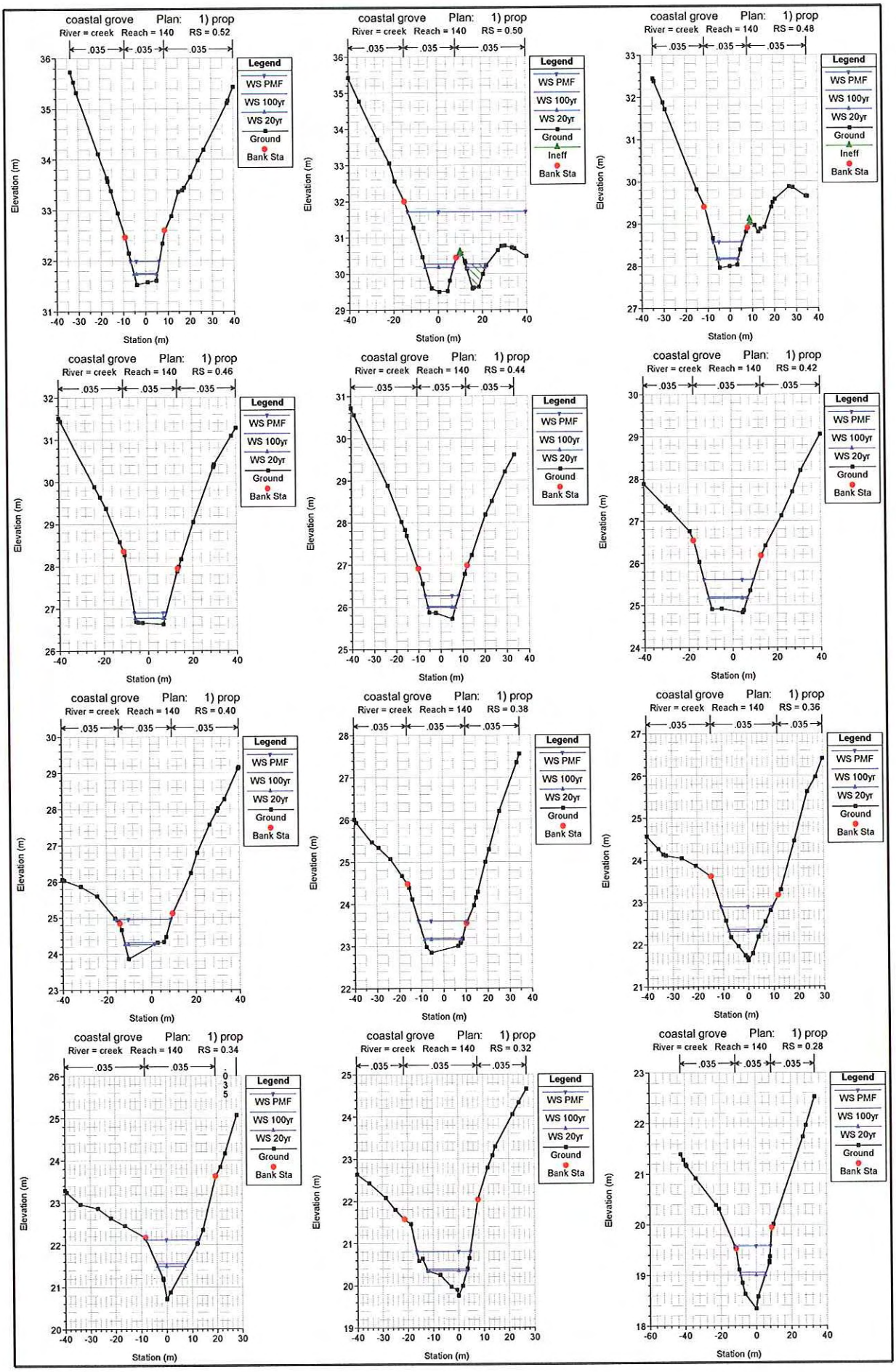
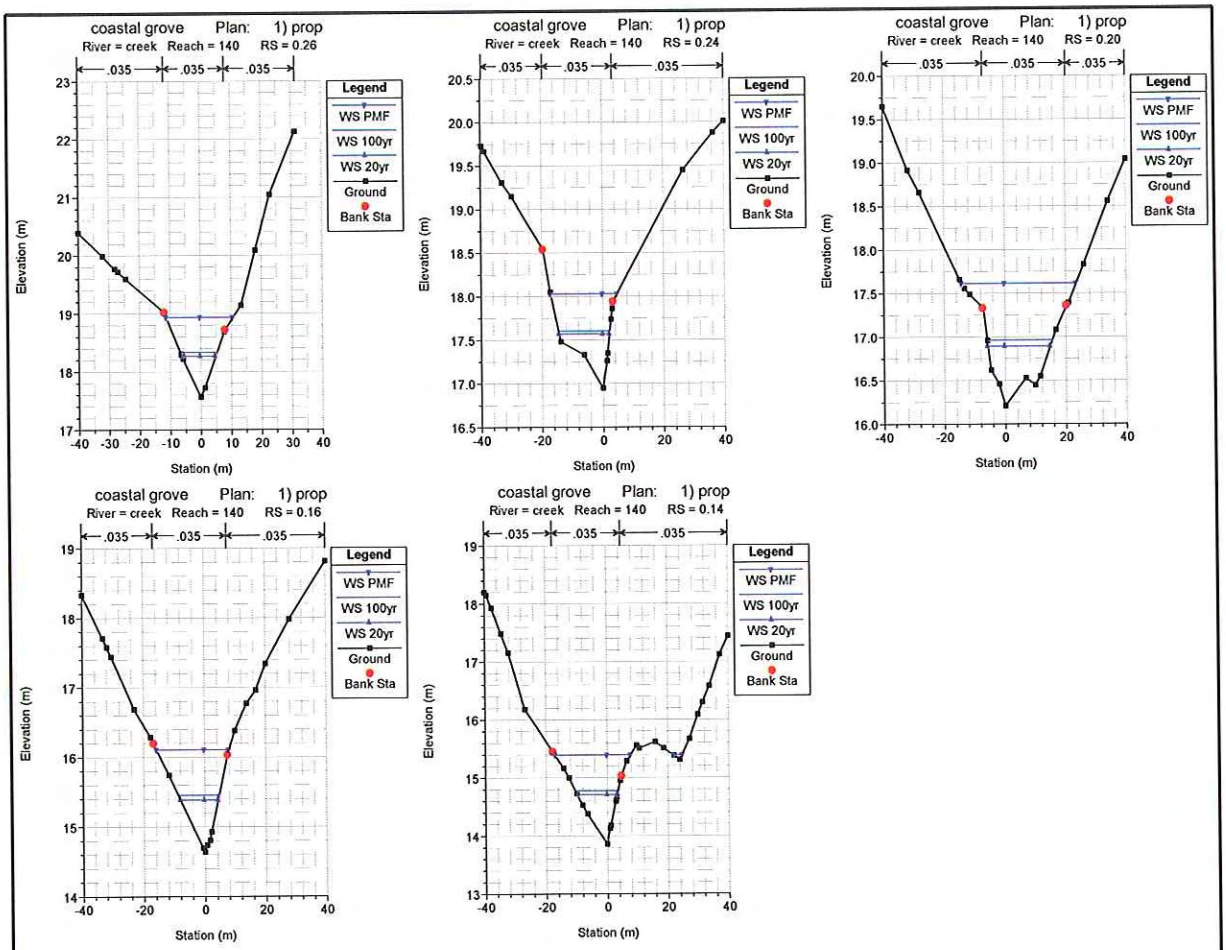
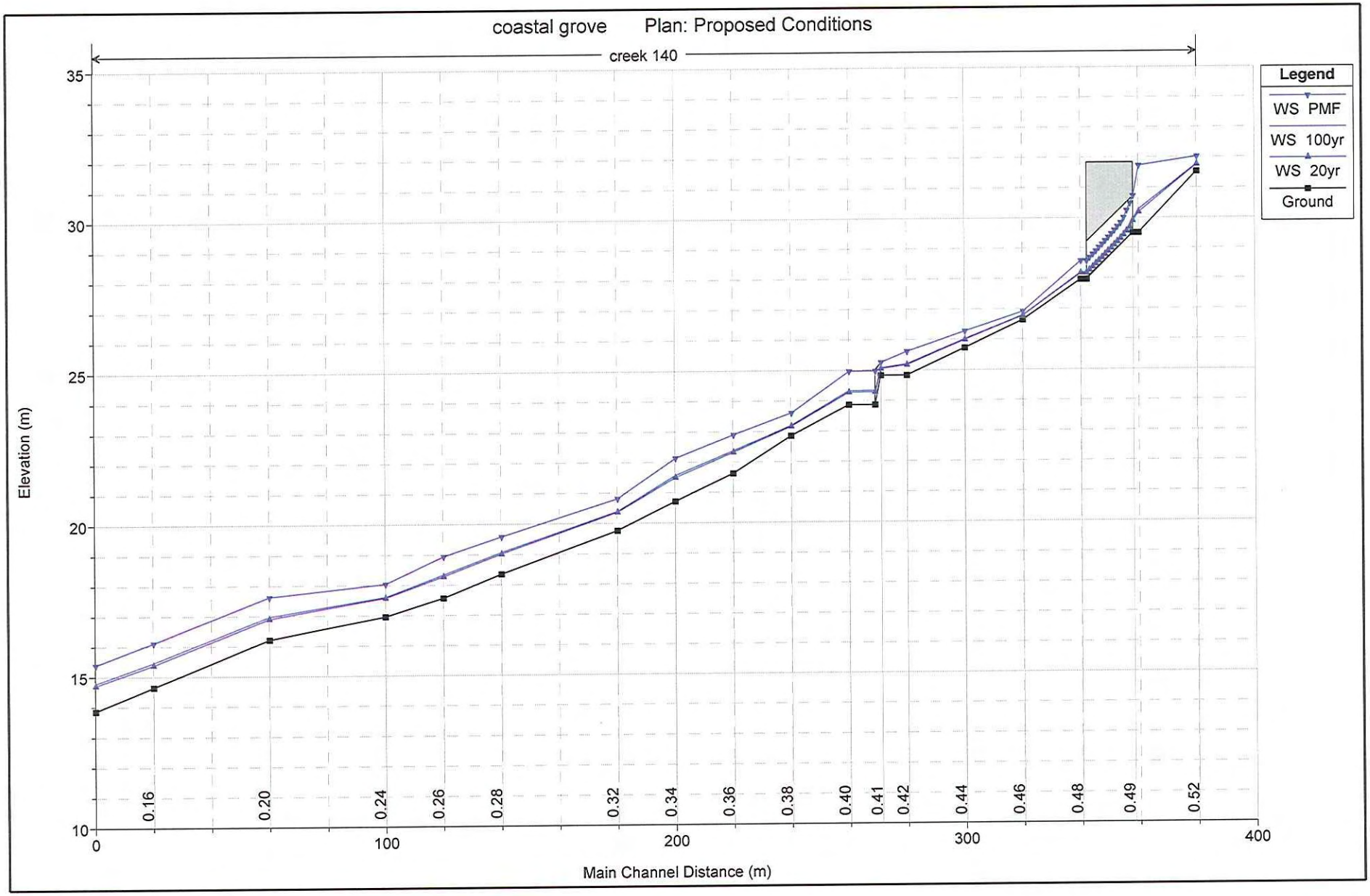
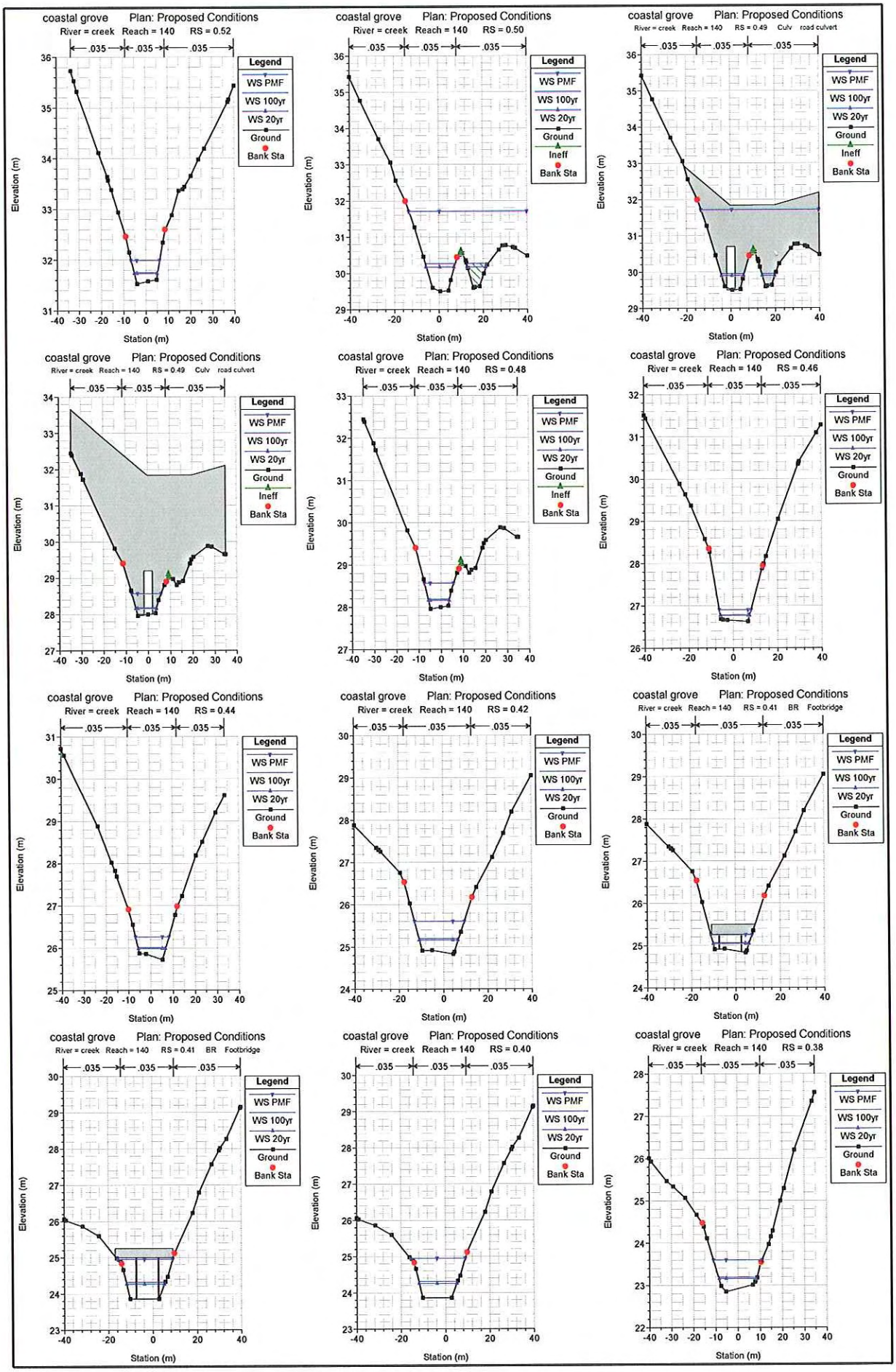

coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.52
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.50
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.48
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.46
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.44
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.42
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.40
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.38
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.36
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.34
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.32
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.28
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)

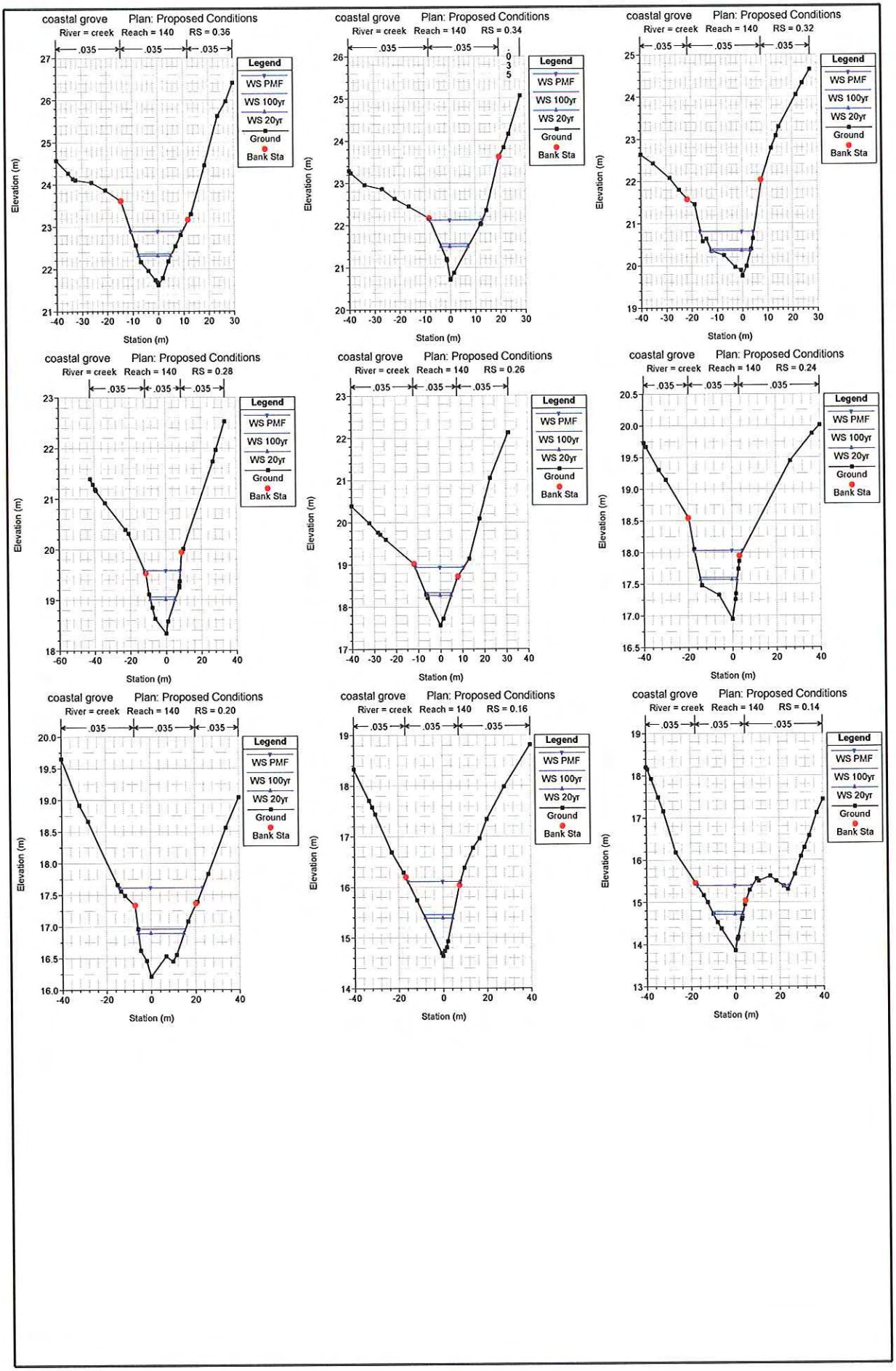

coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.26
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.24
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.20
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.16
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: 1) prop
River = creek Reach = 140 RS = 0.14
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)


coastal grove Plan: Proposed Conditions
creek 140
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Elevation (m)
Main Channel Distance (m)
35
30
25
20
15
10
0
100
200
300
400
0.16
0.20
0.24
0.26
0.28
0.32
0.34
0.36
0.38
0.40
0.41
0.42
0.44
0.46
0.48
0.49
0.52

HEC-RAS Plan: prop River: creek Reach: 140

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
140	0.52	100yr	3.30	31.53	31.75	31.81	31.94	0.050012	1.91	1.72	10.49	1.51
140	0.52	20yr	2.70	31.53	31.73	31.78	31.89	0.050012	1.78	1.52	10.30	1.48
140	0.52	PMF	14.20	31.53	31.99	32.14	32.50	0.050001	3.16	4.49	12.80	1.70
140	0.50	100yr	3.30	29.50	30.26	29.80	30.27	0.000547	0.44	7.43	23.16	0.19
140	0.50	20yr	2.70	29.50	30.16	29.77	30.17	0.000619	0.44	6.17	21.04	0.20
140	0.50	PMF	14.20	29.50	31.70	30.18	31.71	0.000028	0.20	75.64	53.30	0.05
140	0.49		Culvert									
140	0.48	100yr	3.30	27.96	28.18	28.25	28.39	0.054868	2.04	1.61	9.52	0.19
140	0.48	20yr	2.70	27.96	28.15	28.21	28.35	0.059832	1.95	1.38	9.32	0.20
140	0.48	PMF	14.20	27.96	28.56	28.61	28.86	0.020934	2.41	5.90	13.13	0.05
140	0.46	100yr	3.30	26.63	26.77	26.84	27.00	0.090569	2.08	1.59	13.28	1.92
140	0.46	20yr	2.70	26.63	26.76	26.82	26.94	0.082854	1.88	1.44	13.19	1.81
140	0.46	PMF	14.20	26.63	26.90	27.14	27.86	0.168158	4.36	3.26	14.29	2.92
140	0.44	100yr	3.30	25.72	26.01	26.01	26.11	0.024595	1.44	2.29	12.52	1.08
140	0.44	20yr	2.70	25.72	25.98	25.99	26.08	0.025433	1.35	1.99	12.28	1.07
140	0.44	PMF	14.20	25.72	26.26	26.33	26.57	0.026973	2.47	5.75	14.97	1.27
140	0.42	100yr	3.30	24.83	25.19	25.07	25.21	0.003166	0.68	4.88	17.79	0.41
140	0.42	20yr	2.70	24.83	25.16	25.04	25.18	0.003057	0.62	4.33	17.44	0.40
140	0.42	PMF	14.20	24.83	25.60	25.32	25.66	0.002984	1.09	13.07	22.38	0.45
140	0.41		Bridge									
140	0.40	100yr	13.70	23.86	24.31	24.31	24.51	0.016706	1.98	6.92	17.55	1.01
140	0.40	20yr	11.10	23.86	24.26	24.26	24.43	0.017275	1.86	5.96	17.00	1.00
140	0.40	PMF	58.60	23.86	24.95	24.95	25.38	0.012654	2.91	20.18	24.72	1.00
140	0.38	100yr	13.70	22.85	23.18	23.36	23.79	0.104744	3.45	3.98	17.45	2.30
140	0.38	20yr	11.10	22.85	23.15	23.31	23.69	0.110394	3.26	3.41	16.96	2.32
140	0.38	PMF	58.60	22.85	23.59	23.97	24.82	0.064397	4.90	11.96	21.82	2.09
140	0.36	100yr	13.70	21.62	22.36	22.45	22.71	0.029411	2.62	5.22	13.23	1.33
140	0.36	20yr	11.10	21.62	22.31	22.38	22.61	0.028446	2.44	4.55	12.55	1.29
140	0.36	PMF	58.60	21.62	22.88	23.17	23.78	0.035373	4.19	13.99	20.16	1.60
140	0.34	100yr	13.70	20.71	21.55	21.69	22.01	0.039625	3.01	4.56	11.72	1.54
140	0.34	20yr	11.10	20.71	21.49	21.62	21.91	0.040774	2.89	3.84	10.67	1.54
140	0.34	PMF	58.60	20.71	22.12	22.42	23.04	0.038603	4.24	13.81	20.81	1.66
140	0.32	100yr	13.70	19.76	20.39	20.54	20.93	0.076960	3.26	4.20	15.86	2.02
140	0.32	20yr	11.10	19.76	20.35	20.49	20.82	0.077600	3.03	3.66	15.45	1.99
140	0.32	PMF	58.60	19.76	20.80	21.17	22.03	0.063701	4.91	11.93	21.02	2.08
140	0.28	100yr	13.70	18.34	19.06	19.10	19.33	0.022501	2.31	5.93	14.88	1.17
140	0.28	20yr	11.10	18.34	19.00	19.04	19.24	0.022310	2.18	5.10	13.91	1.15
140	0.28	PMF	58.60	18.34	19.58	19.79	20.34	0.025971	3.86	15.18	20.10	1.40
140	0.26	100yr	13.70	17.56	18.33	18.46	18.76	0.035593	2.89	4.75	12.01	1.47
140	0.26	20yr	11.10	17.56	18.26	18.38	18.66	0.038000	2.80	3.97	11.04	1.49
140	0.26	PMF	58.60	17.56	18.93	19.20	19.77	0.030428	4.07	14.59	21.84	1.51
140	0.24	100yr	13.70	16.95	17.60	17.70	17.96	0.042487	2.66	5.14	16.80	1.54
140	0.24	20yr	11.10	16.95	17.57	17.65	17.86	0.038761	2.40	4.63	16.52	1.45
140	0.24	PMF	58.60	16.95	18.03	18.35	19.03	0.044084	4.44	13.23	21.79	1.77
140	0.20	100yr	20.40	16.21	16.96	16.96	17.19	0.016200	2.13	9.59	21.36	1.01
140	0.20	20yr	16.40	16.21	16.89	16.89	17.10	0.016875	2.01	8.17	20.47	1.01
140	0.20	PMF	83.00	16.21	17.61	17.67	18.10	0.012684	3.11	27.74	37.67	1.02
140	0.16	100yr	20.40	14.64	15.45	15.66	16.10	0.049352	3.57	5.71	13.40	1.75
140	0.16	20yr	16.40	14.64	15.38	15.58	15.98	0.050582	3.41	4.81	12.31	1.74
140	0.16	PMF	83.00	14.64	16.11	16.45	17.22	0.038618	4.67	17.81	23.80	1.70
140	0.14	100yr	20.40	13.86	14.77	14.92	15.26	0.032618	3.09	6.59	14.05	1.44
140	0.14	20yr	16.40	13.86	14.70	14.82	15.13	0.031810	2.89	5.68	13.15	1.40
140	0.14	PMF	83.00	13.86	15.39	15.77	16.48	0.035294	4.65	18.27	27.53	1.64


coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.52
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.50
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.49 Culv road culvert
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.49 Culv road culvert
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.48
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Ineff
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.46
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.44
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.42
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.41 BR Footbridge
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.41 BR Footbridge
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.40
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.38
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)


coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.36
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.34
.035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.32
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.28
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.26
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.24
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.20
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.16
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)
coastal grove Plan: Proposed Conditions
River = creek Reach = 140 RS = 0.14
.035 .035 .035
Legend
WS PMF
WS 100yr
WS 20yr
Ground
Bank Sta
Elevation (m)
Station (m)