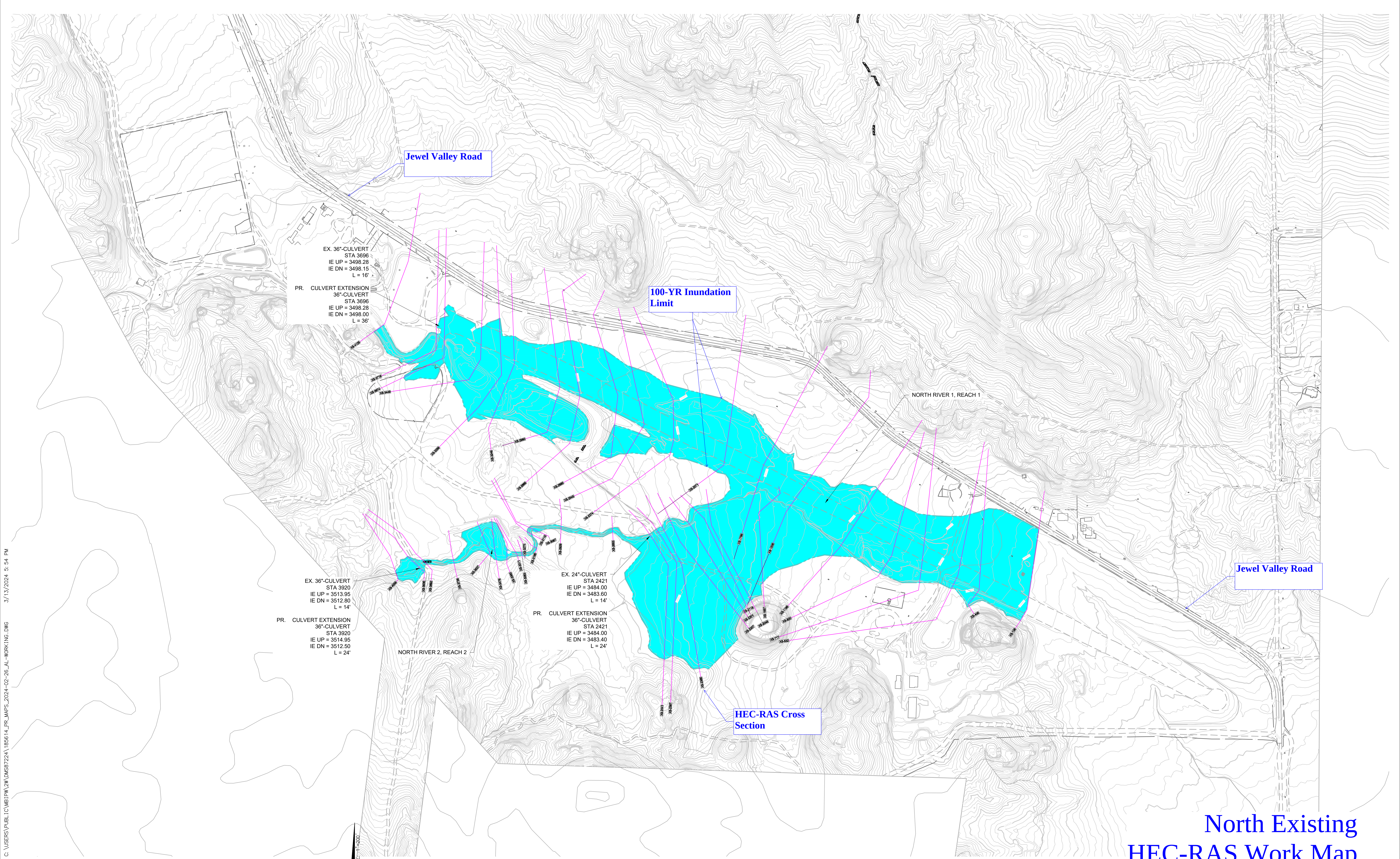
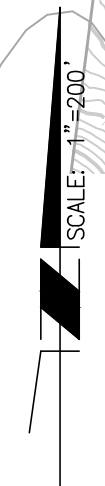
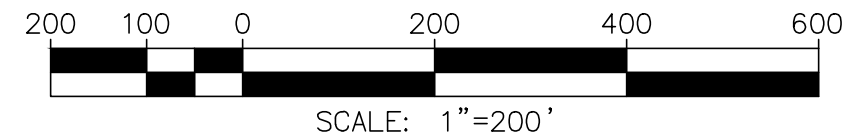


Appendix F –
100-Year Limits of
Inundation HEC-RAS
Analyses

Exhibits
HEC-RAS Output
Summary Tables

C:\USERS\PUBLIC\W61PW\2\DWG\87224\185614_PR_MAPS_2024-02-26_AL-WORKING.DWG 3/13/2024 5:54 PM

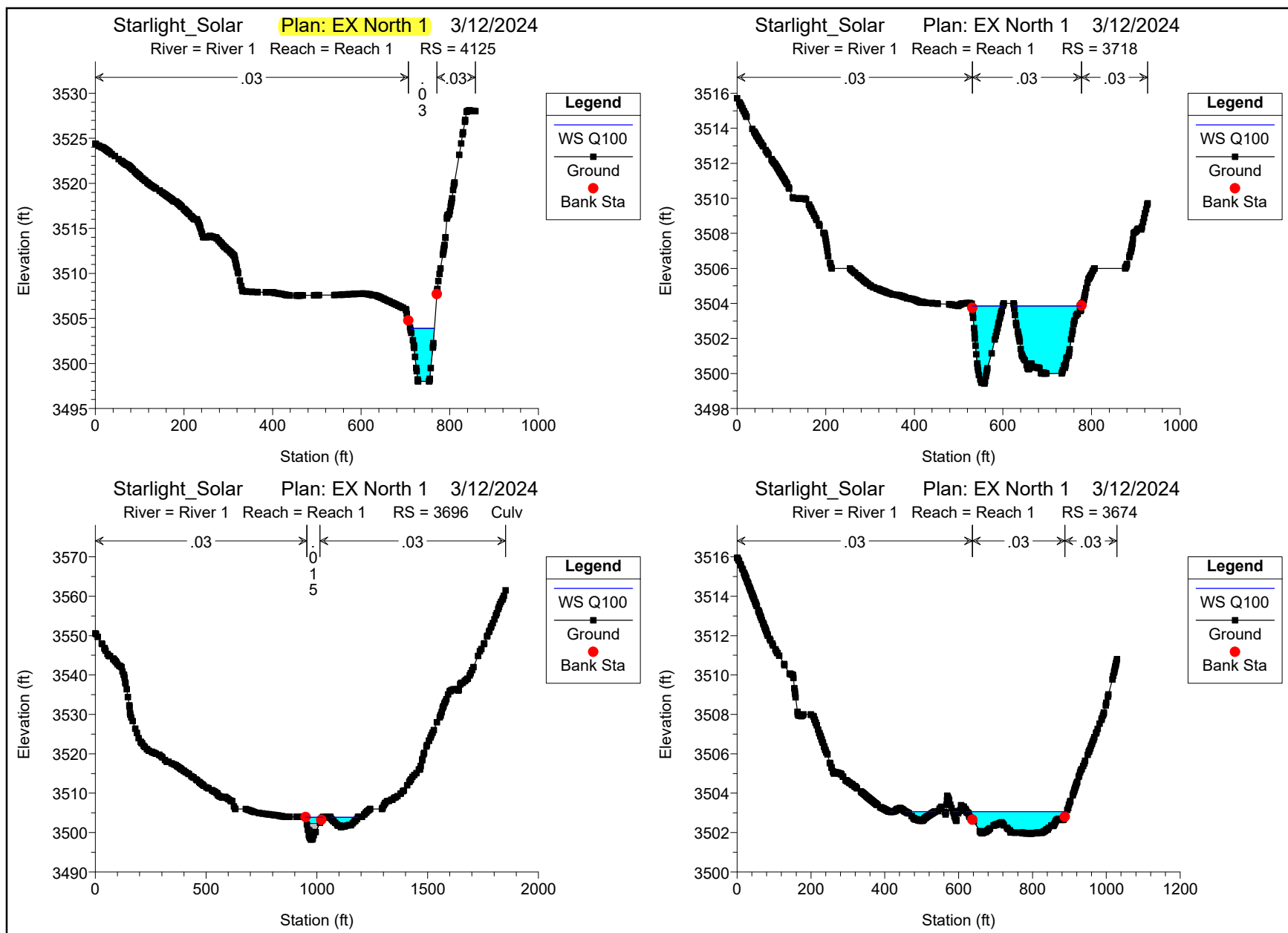


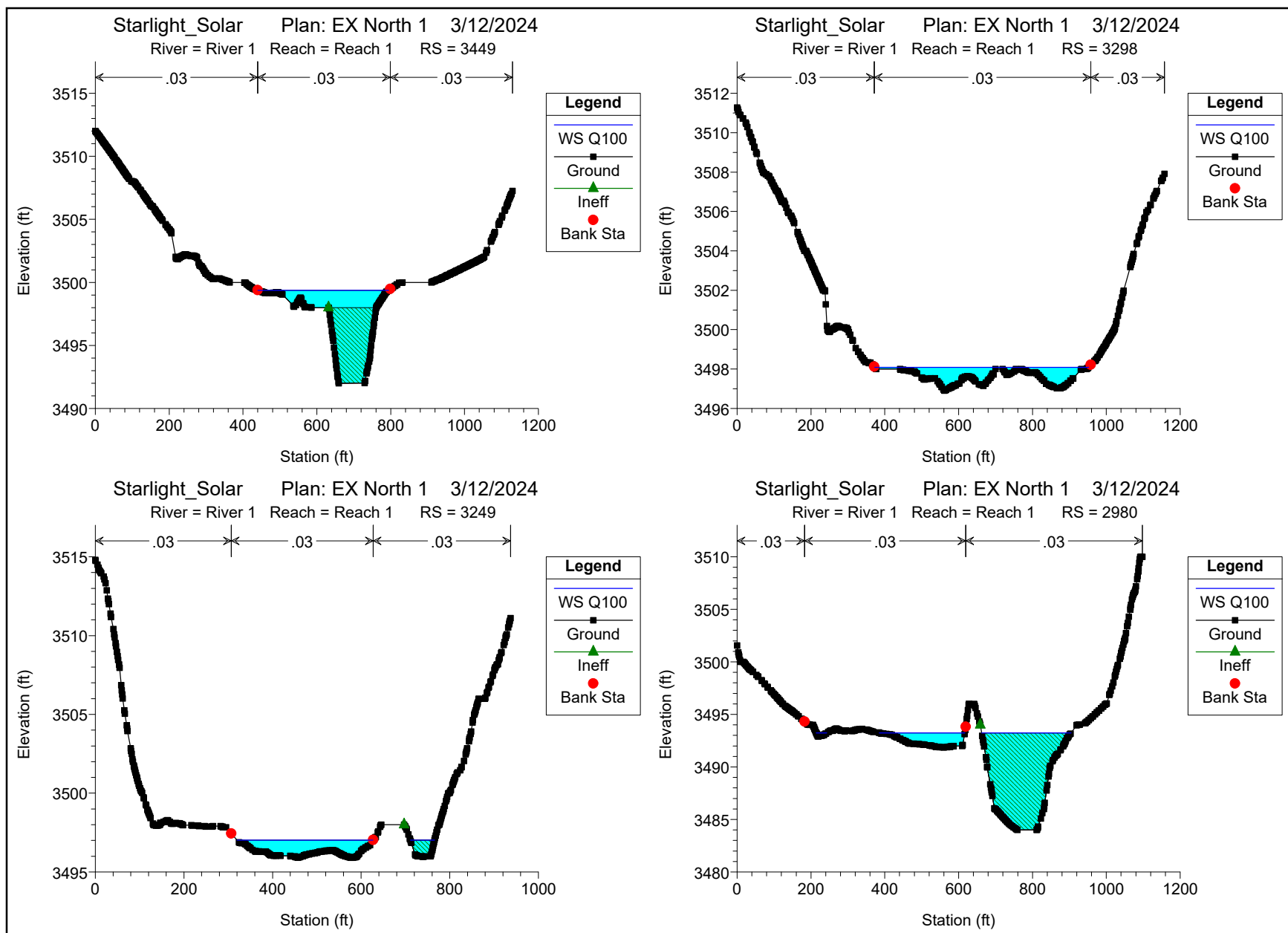
North Existing HEC-RAS Work Map

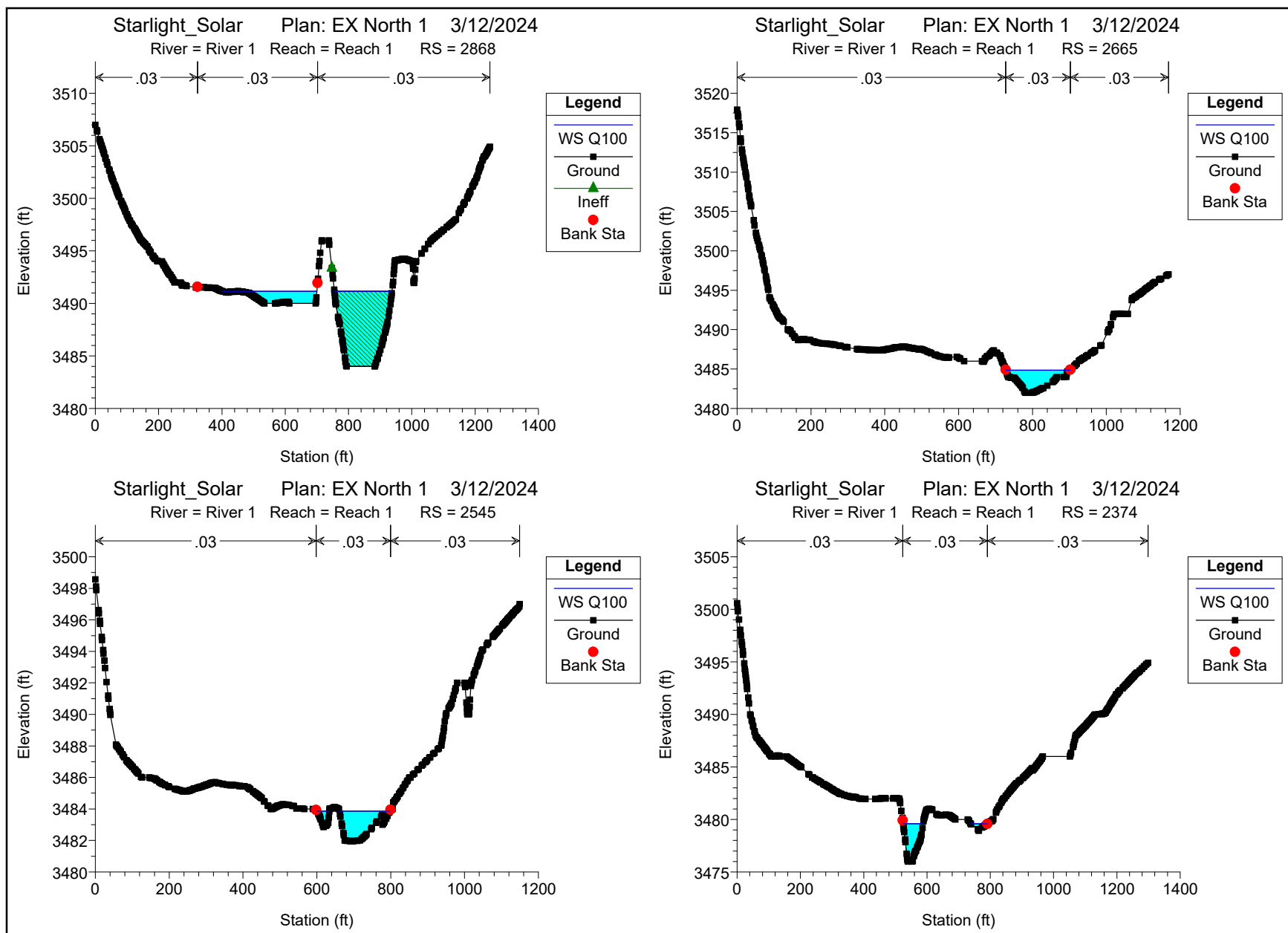
185614 - STARLIGHT SOLAR
100-YEAR LIMITS OF INUNDATION

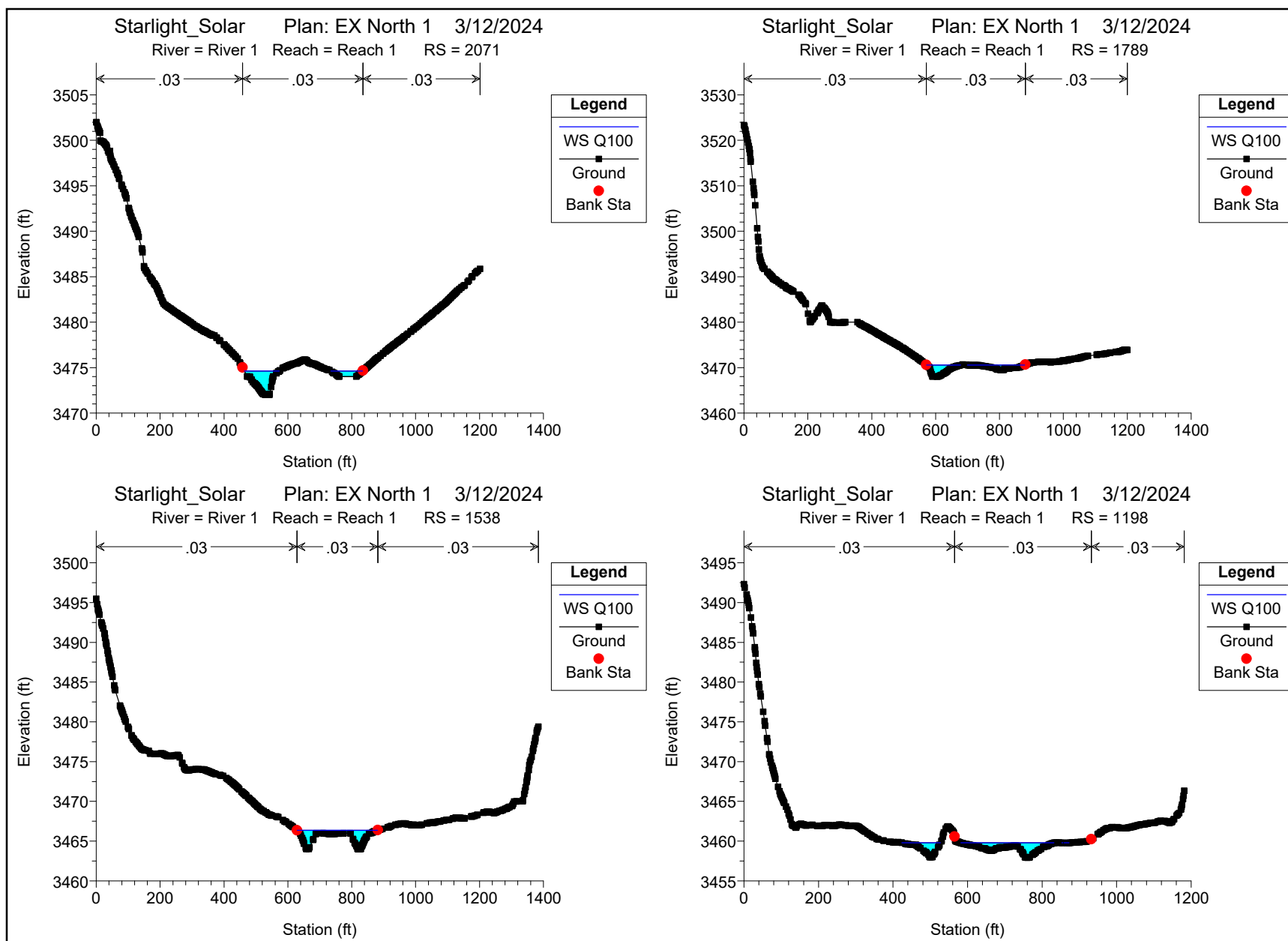
HEC-RAS Plan: EX North 1 River: River 1 Reach: Reach 1 Profile: Q100

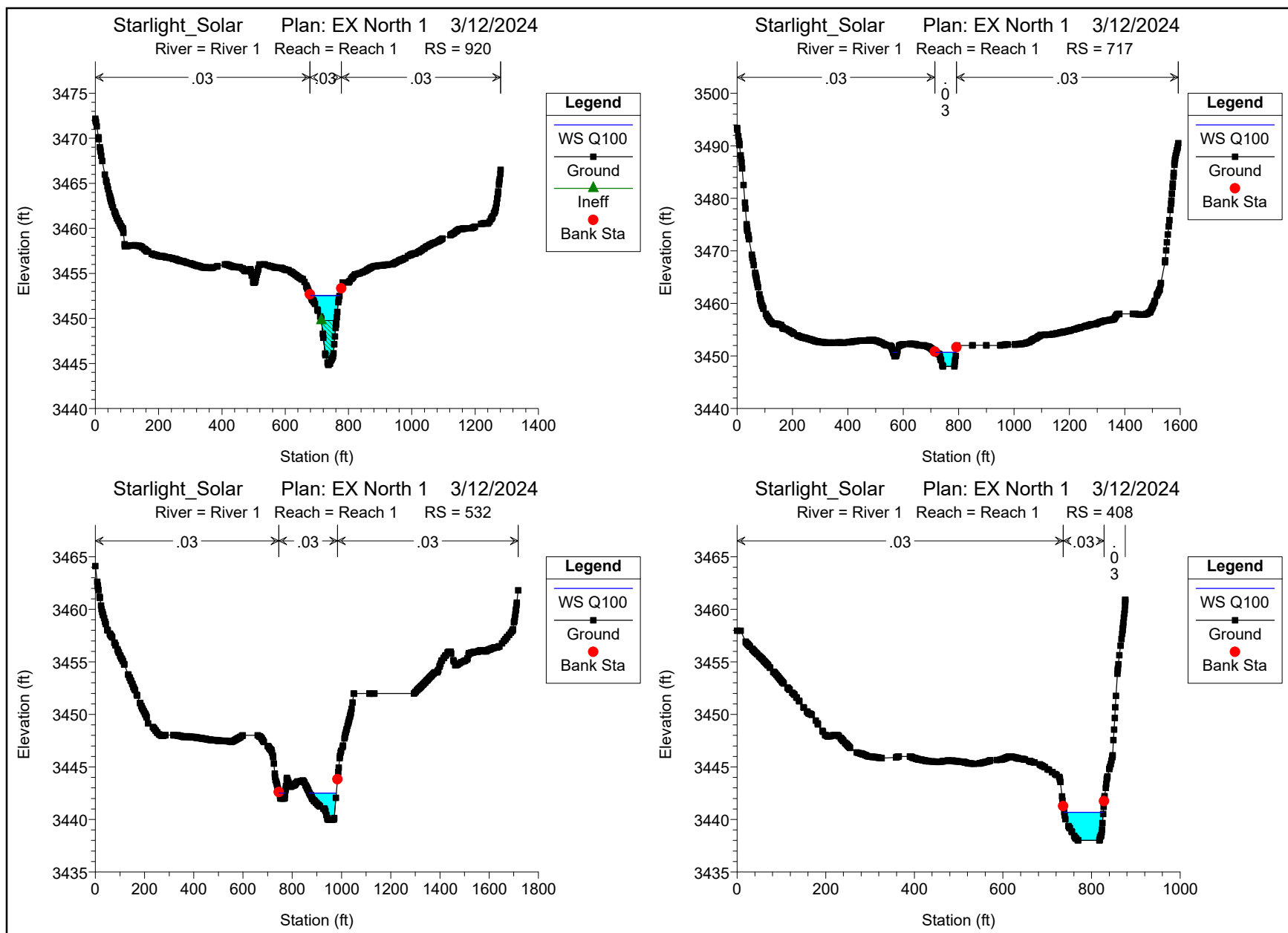
Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	4125	Q100	1116.00	3498.00	3503.89	5.89	-0.0035		3504.25	0.001437	4.80	232.62	54.42	0.41
Reach 1	3718	Q100	1116.00	3499.42	3503.85	4.43	-0.0575	3501.48	3503.90	0.000350	1.82	612.15	220.95	0.19
Reach 1	3696		Culvert											
Reach 1	3674	Q100	1116.00	3501.95	3503.07	1.12	0.0443	3503.07	3503.42	0.011934	4.90	244.43	378.78	0.93
Reach 1	3449	Q100	1116.00	3492.00	3499.36	7.36	-0.0324		3499.52	0.004350	3.21	347.16	354.23	0.57
Reach 1	3298	Q100	1116.00	3496.90	3498.09	1.19	0.0206	3498.09	3498.34	0.017600	4.02	277.52	579.57	1.02
Reach 1	3249	Q100	1116.00	3495.90	3497.01	1.11	0.0150	3496.99	3497.37	0.013204	4.76	234.56	361.24	0.96
Reach 1	2980	Q100	1116.00	3491.86	3493.23	9.23	0.0165	3493.23	3493.66	0.014405	5.21	214.07	502.50	1.01
Reach 1	2868	Q100	1116.00	3490.00	3491.16	7.16	0.0394	3491.16	3491.55	0.014264	4.95	225.54	476.88	1.00
Reach 1	2665	Q100	1116.00	3482.00	3484.87	2.87	0.0005		3485.10	0.003026	3.84	290.94	173.88	0.52
Reach 1	2545	Q100	1116.00	3481.94	3483.85	1.91	0.0347	3483.85	3484.41	0.012845	5.97	186.80	169.67	1.00
Reach 1	2374	Q100	1116.00	3476.00	3479.59	3.59	0.0132	3479.59	3480.30	0.011717	6.76	165.04	116.07	1.00
Reach 1	2071	Q100	1116.00	3472.00	3474.63	2.63	0.0142	3474.63	3475.12	0.013903	5.63	198.31	209.36	1.02
Reach 1	1789	Q100	1116.00	3468.00	3470.56	2.56	0.0161	3470.56	3470.96	0.014757	5.06	220.67	286.01	1.02
Reach 1	1538	Q100	1116.00	3463.97	3466.37	2.39	0.0177	3466.37	3466.79	0.013954	5.24	212.96	250.86	1.00
Reach 1	1198	Q100	1116.00	3457.94	3459.79	1.85	0.0471	3459.79	3460.11	0.014653	4.50	244.49	368.15	0.98
Reach 1	920	Q100	1116.00	3444.84	3452.55	7.71	-0.0156		3453.09	0.005645	5.90	189.11	92.77	0.73
Reach 1	717	Q100	1116.00	3448.00	3450.70	2.70	0.0434	3450.70	3451.58	0.009859	7.59	151.05	87.91	0.96
Reach 1	532	Q100	1116.00	3439.97	3442.52	2.55	0.0159	3442.52	3443.18	0.012470	6.50	171.82	134.50	1.01
Reach 1	408	Q100	1116.00	3438.00	3440.67	2.67	0.0084		3441.17	0.004581	5.69	196.16	88.01	0.67
Reach 1	136	Q100	1116.00	3435.72	3439.14	3.42		3439.14	3439.51	0.008088	5.71	253.20	328.46	0.83





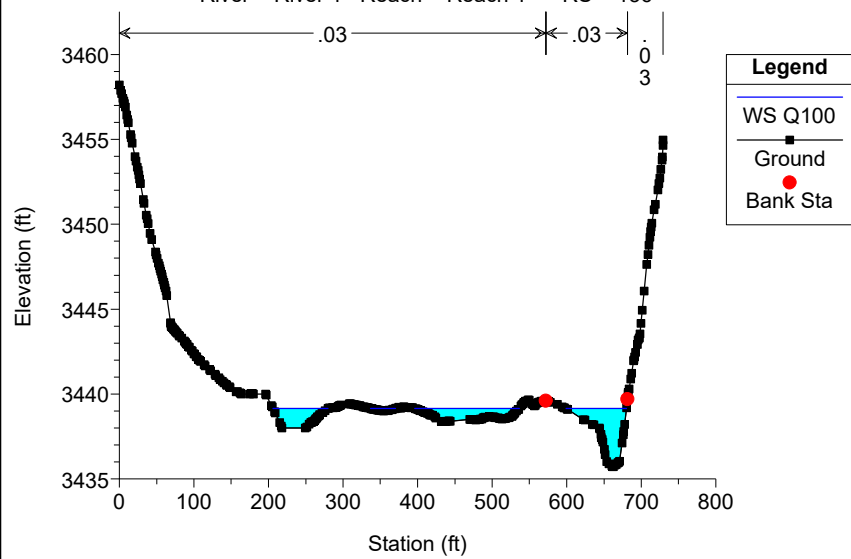






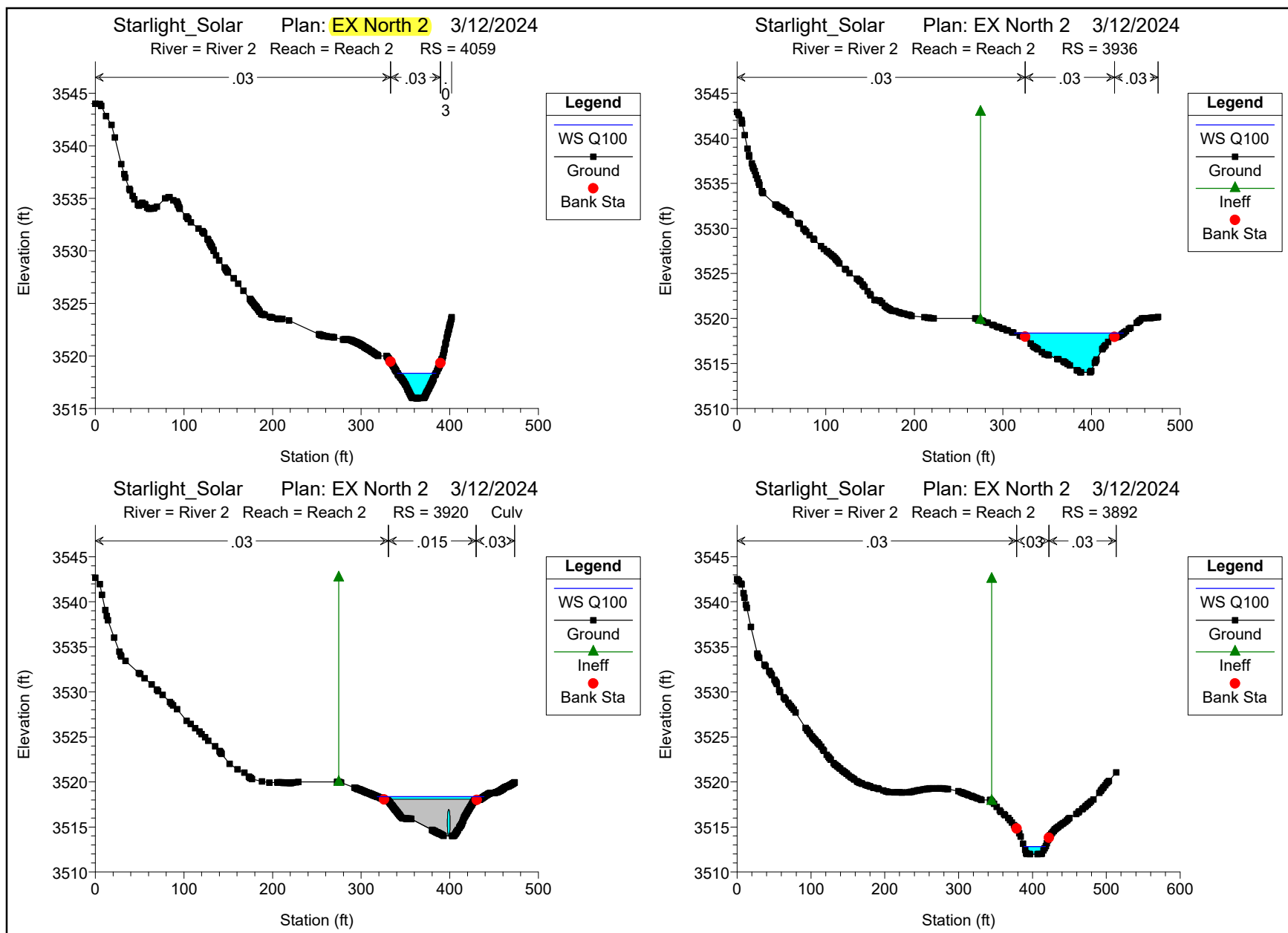
Starlight_Solar Plan: EX North 1 3/12/2024

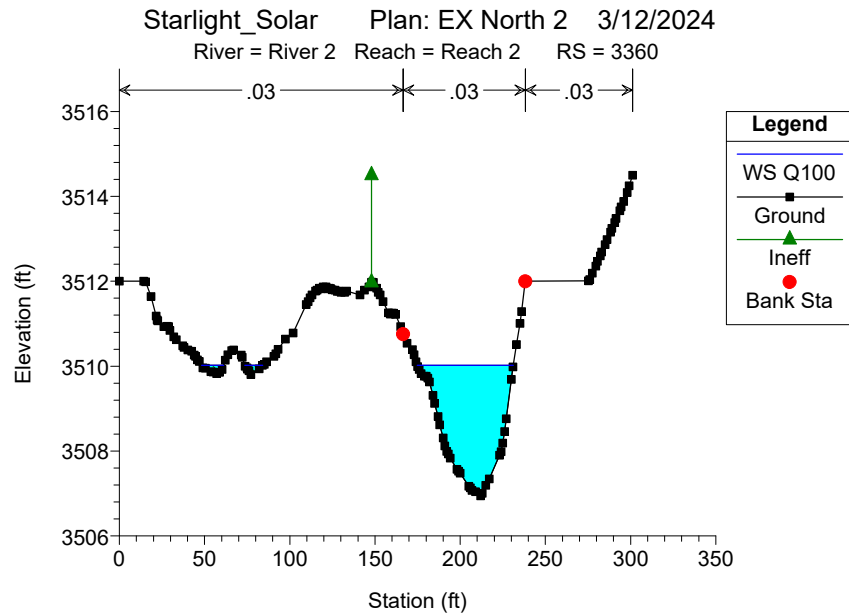
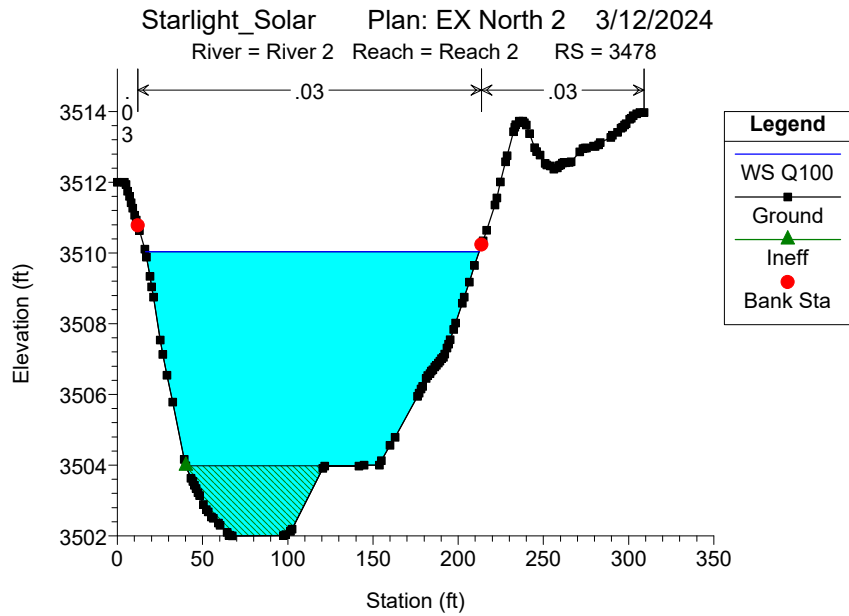
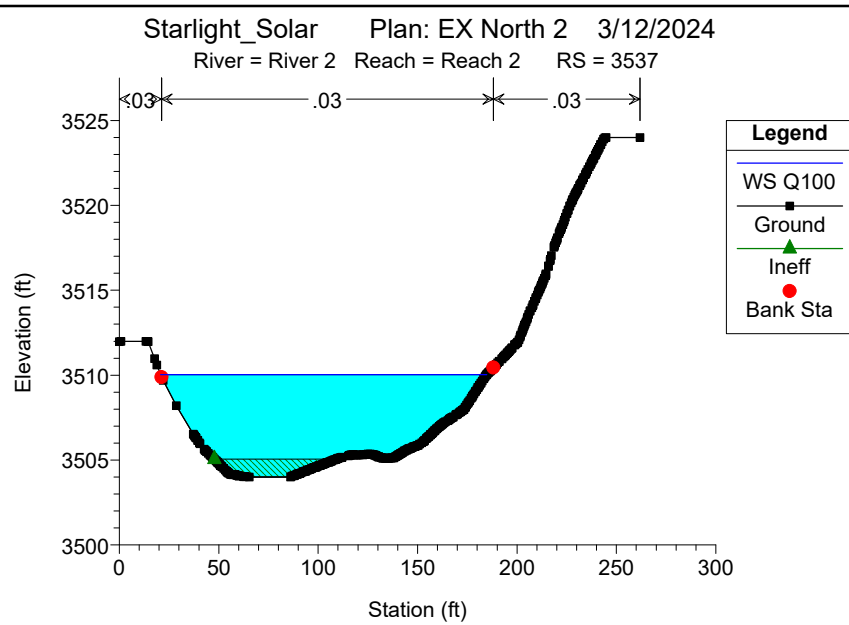
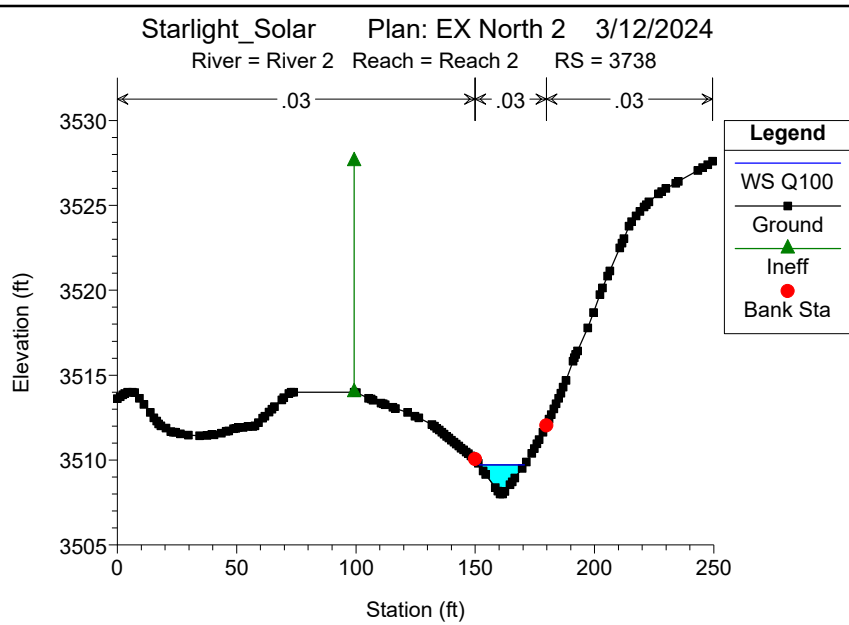
River = River 1 Reach = Reach 1 RS = 136

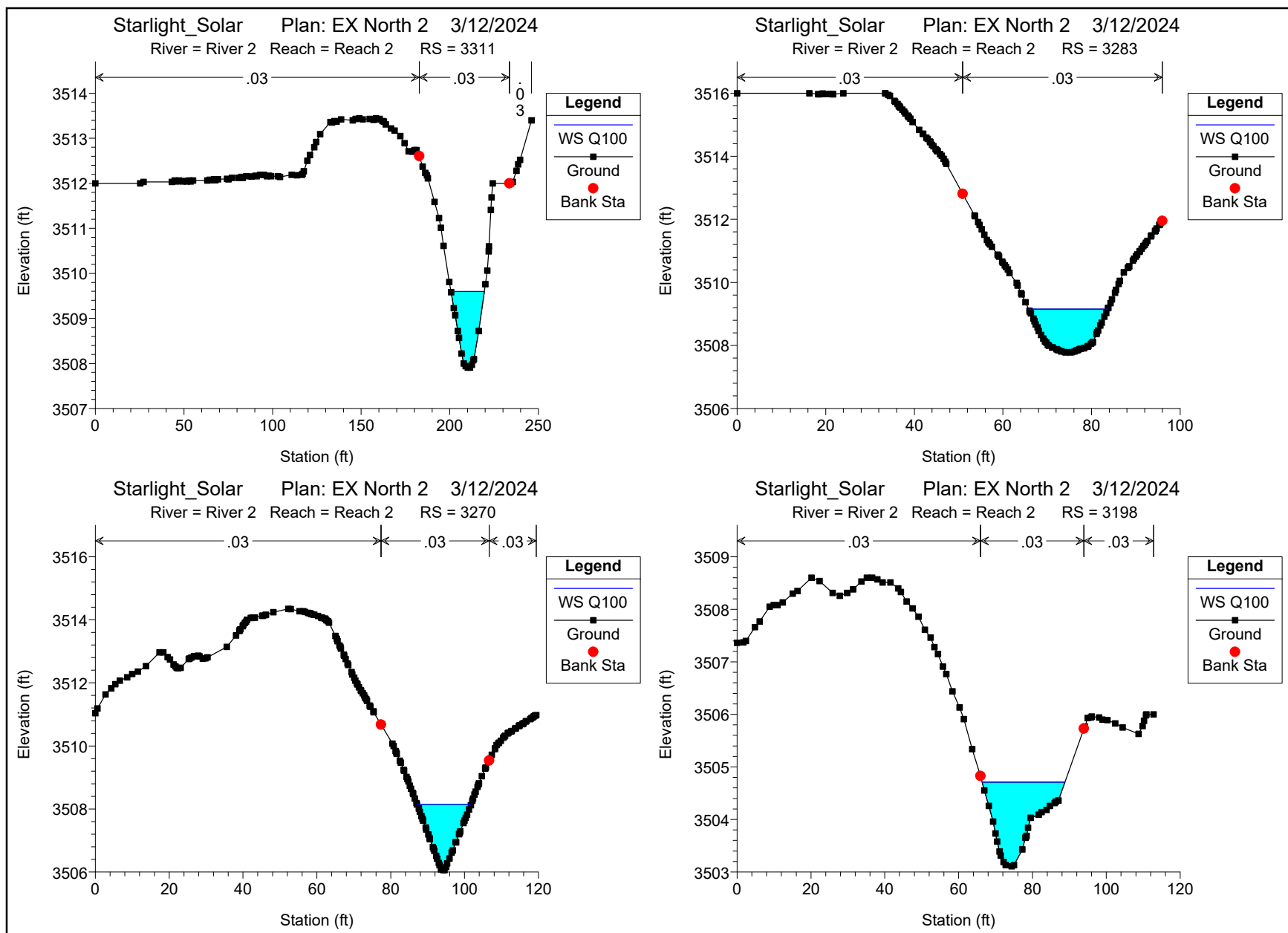


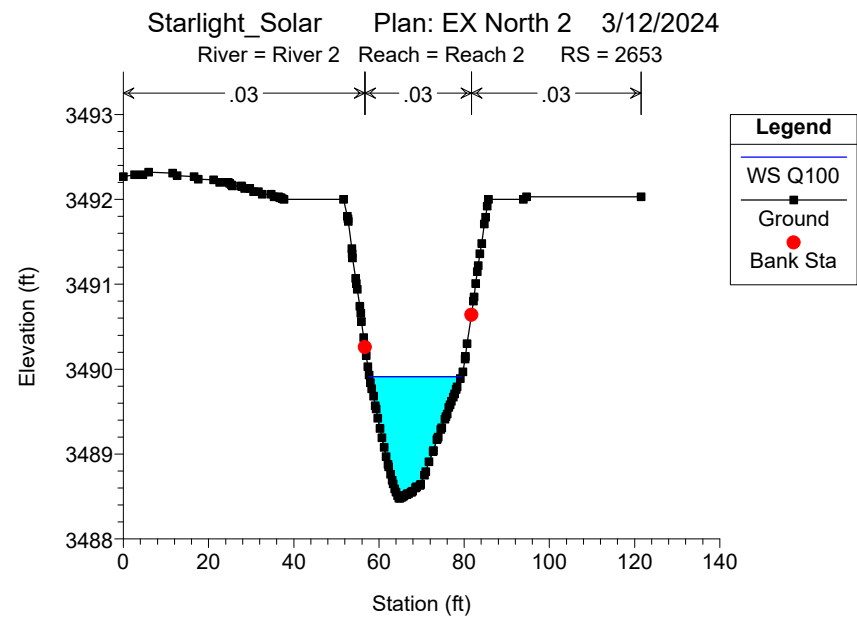
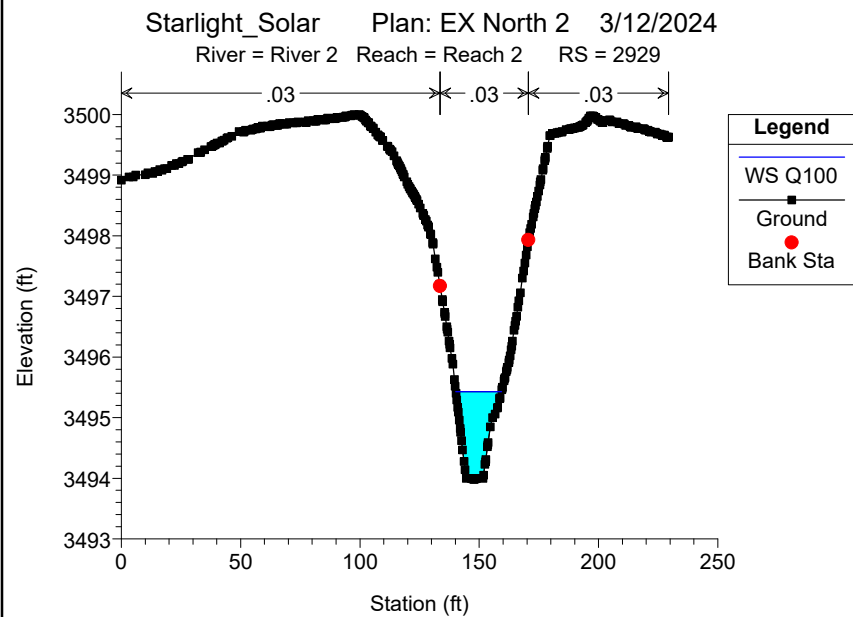
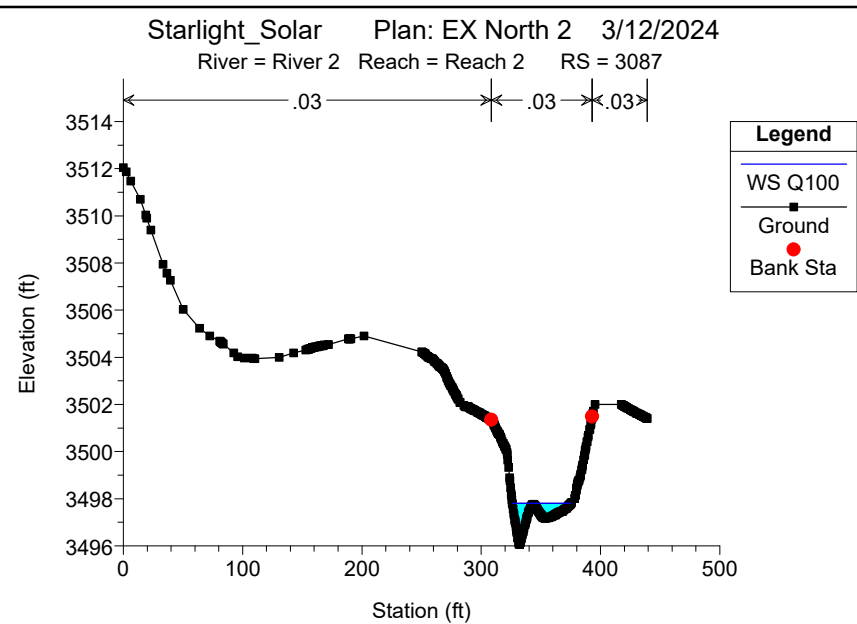
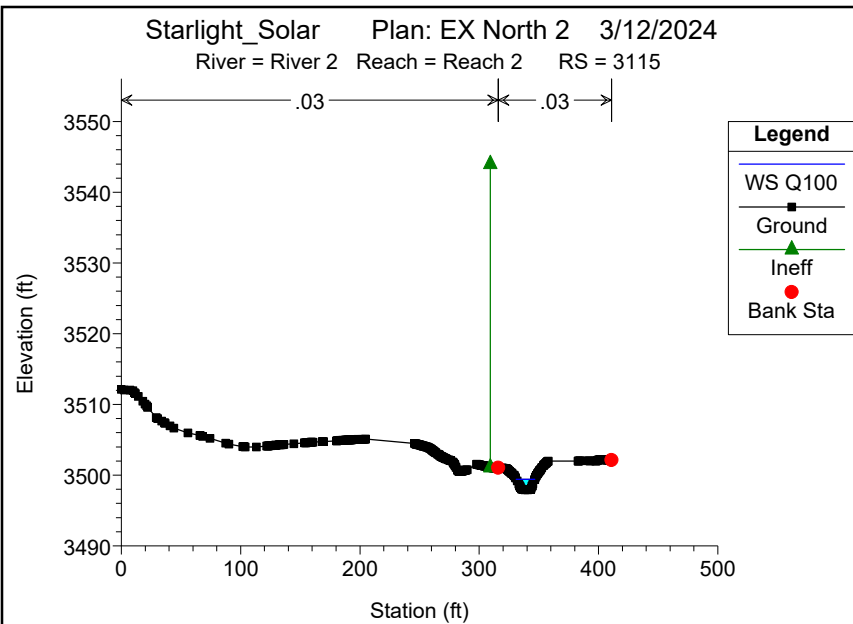
HEC-RAS Plan: EX North 2 River: River 2 Reach: Reach 2 Profile: Q100

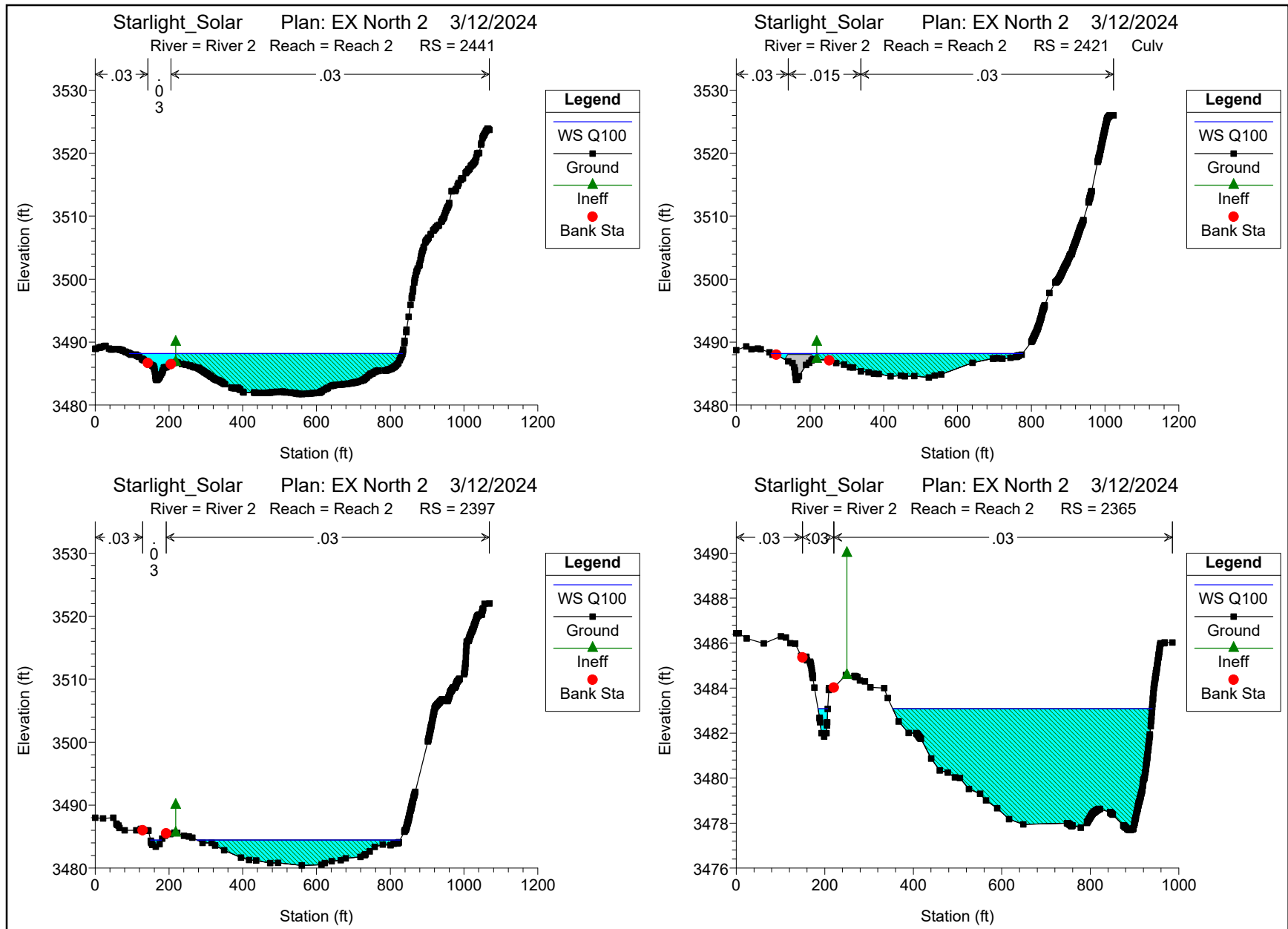
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Max Chl Dpth	Invert Slope	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)		(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Reach 2	4059	Q100	98.00	3515.97	3518.34	2.37	0.0159		3518.38	0.000538	1.50	65.33	43.37	0.22
Reach 2	3936	Q100	98.00	3514.00	3518.36	4.36	0.0461	3514.99	3518.36	0.000015	0.37	270.82	123.01	0.04
Reach 2	3920		Culvert											
Reach 2	3892	Q100	98.00	3511.97	3512.81	0.84	0.0258	3512.81	3513.17	0.015045	4.80	20.43	28.98	1.01
Reach 2	3738	Q100	98.00	3508.00	3509.72	1.72	0.0199	3509.72	3510.19	0.014105	5.55	17.66	18.96	1.01
Reach 2	3537	Q100	98.00	3504.00	3510.04	6.04	0.0338		3510.04	0.000001	0.15	657.91	164.01	0.01
Reach 2	3478	Q100	98.00	3502.00	3510.04	8.04	-0.0417		3510.04	0.000001	0.10	960.65	195.85	0.01
Reach 2	3360	Q100	98.00	3506.94	3510.02	3.08	-0.0200		3510.04	0.000156	0.93	105.11	79.80	0.12
Reach 2	3311	Q100	98.00	3507.91	3509.60	1.69	0.0047		3509.98	0.009436	4.94	19.86	18.73	0.85
Reach 2	3283	Q100	98.00	3507.78	3509.16	1.37	0.1274	3509.16	3509.65	0.013758	5.64	17.37	17.81	1.01
Reach 2	3270	Q100	98.00	3506.06	3508.15	2.09	0.0409	3508.15	3508.72	0.013817	6.04	16.21	14.70	1.01
Reach 2	3198	Q100	98.00	3503.11	3504.71	1.60	0.0628	3504.71	3505.14	0.014567	5.24	18.69	22.41	1.01
Reach 2	3115	Q100	98.00	3497.94	3499.40	1.46	0.0674	3499.40	3499.94	0.013480	5.91	16.59	15.44	1.00
Reach 2	3087	Q100	98.00	3496.06	3497.80	1.74	0.0132	3497.74	3498.01	0.012433	3.66	26.77	49.13	0.87
Reach 2	2929	Q100	98.00	3493.98	3495.43	1.45	0.0199	3495.43	3495.90	0.014019	5.52	17.77	19.10	1.01
Reach 2	2653	Q100	98.00	3488.48	3489.91	1.43	0.0211	3489.91	3490.35	0.014130	5.29	18.53	21.52	1.00
Reach 2	2441	Q100	98.00	3484.00	3488.19	6.45	0.0136	3485.37	3488.20	0.000032	0.52	211.48	740.74	0.06
Reach 2	2421		Culvert											
Reach 2	2397	Q100	98.00	3483.40	3484.45	4.03	0.0483	3484.45	3484.79	0.014507	4.69	20.89	580.60	0.99
Reach 2	2365	Q100	98.00	3481.85	3483.09	5.40	0.0320	3483.09	3483.51	0.013867	5.23	18.75	607.91	0.99
Reach 2	2307	Q100	98.00	3480.00	3480.97	8.97	0.0189	3480.97	3481.36	0.014352	4.99	19.65	424.98	1.00
Reach 2	2201	Q100	98.00	3478.00	3479.23	7.23	0.0243	3479.23	3479.70	0.013785	5.46	17.94	415.46	1.00
Reach 2	2118	Q100	98.00	3475.97	3477.15	5.93	0.0274	3477.15	3477.51	0.013947	4.82	20.32	402.28	0.98
Reach 2	2046	Q100	98.00	3474.00	3475.52	5.52	0.0206	3475.52	3475.90	0.014234	4.93	19.87	319.47	0.99
Reach 2	1657	Q100	98.00	3465.97	3467.26	1.29		3467.26	3467.68	0.014590	5.15	19.03	23.57	1.01

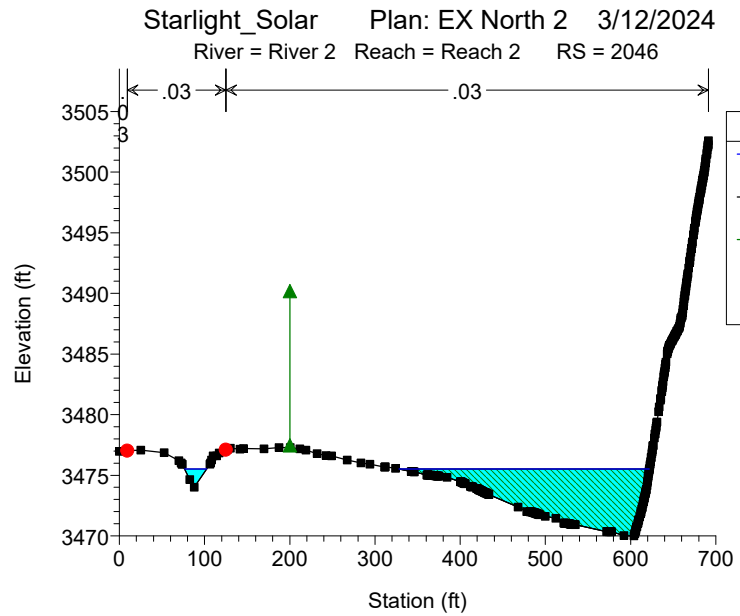
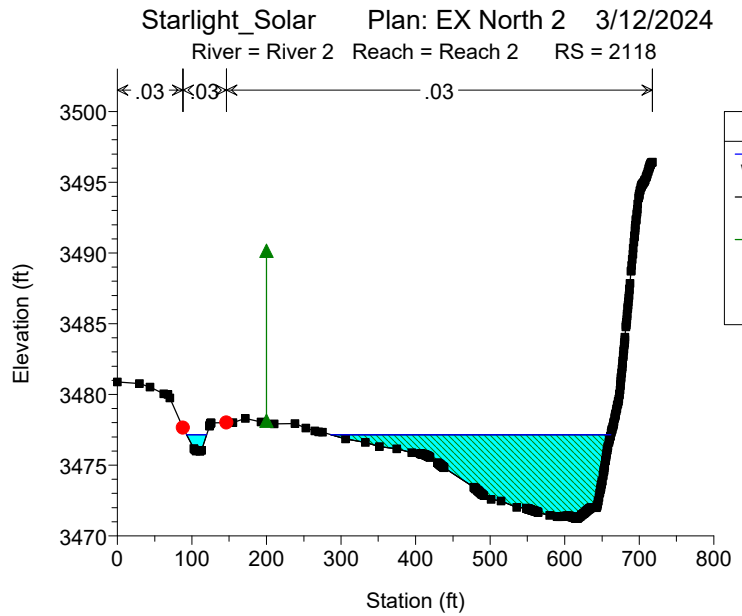
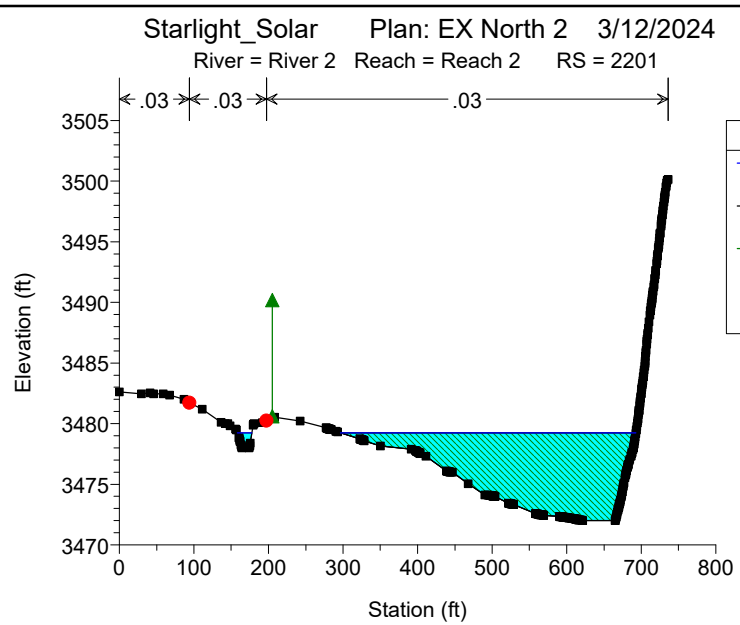
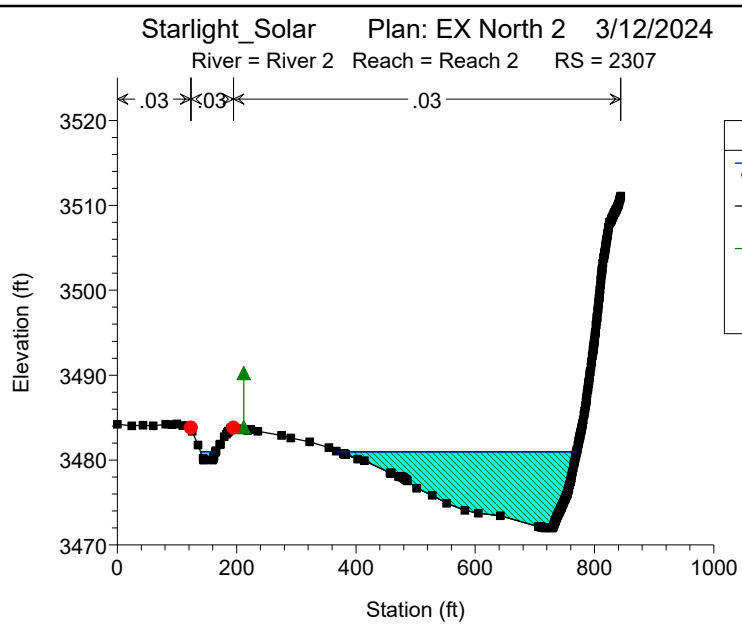






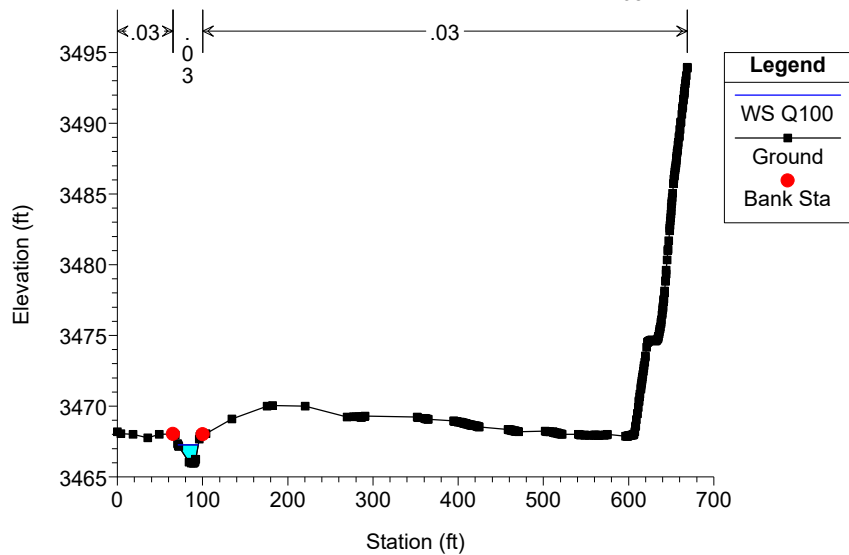




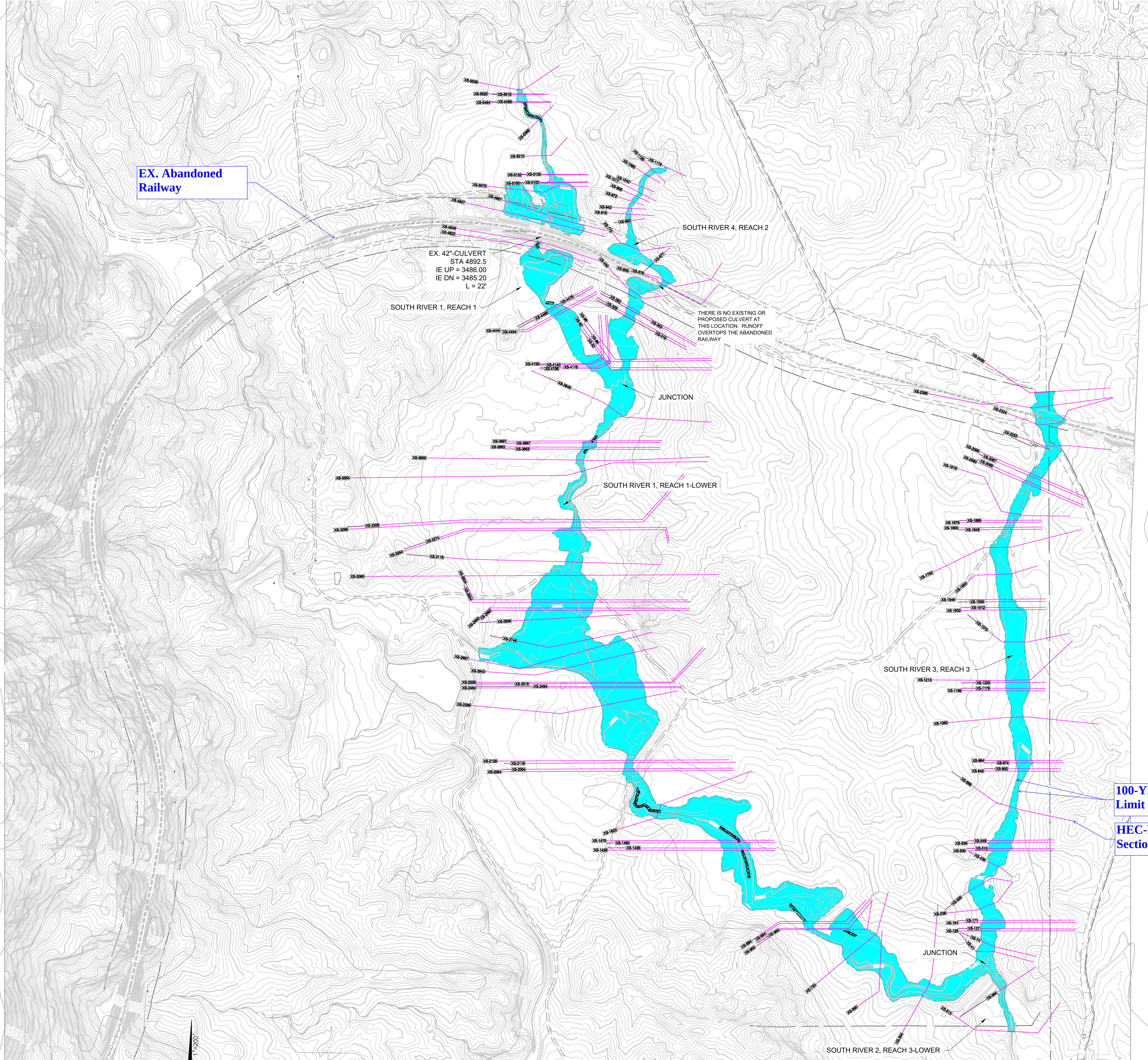


Starlight_Solar Plan: EX North 2 3/12/2024

River = River 2 Reach = Reach 2 RS = 1657



C:\USERS\PUBLIC\B1PW\2\DWG\87224\185614_PR_MAPS_2024-02-26_AL-WORKING.DWG 3/13/2024 5:55 PM



EX. Abandoned
Railway

EX. 42" CULVERT
STA 4892.5
IE UP = 3486.00
IE DN = 3485.20
L = 22

SOUTH RIVER 1, REACH 1

SOUTH RIVER 4, REACH 2

THERE IS NO EXISTING OR
PROPOSED CULVERT AT
THIS LOCATION. RUNOFF
OVERTOPS THE ABANDONED
RAILWAY

JUNCTION

SOUTH RIVER 1, REACH 1-LOWER

SOUTH RIVER 3, REACH 3

SOUTH RIVER 2, REACH 3-LOWER

100-YR Inundation
Limit

HEC-RAS Cross
Section

South Existing HEC-RAS Work Map

185614 - STARLIGHT SOLAR
100-YEAR LIMITS OF INUNDATION



HEC-RAS Plan: EX South Profile: Q100

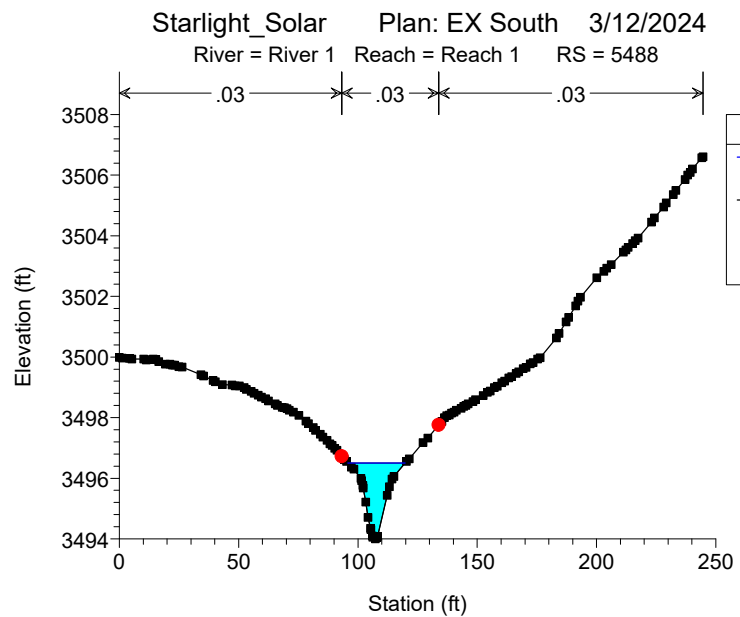
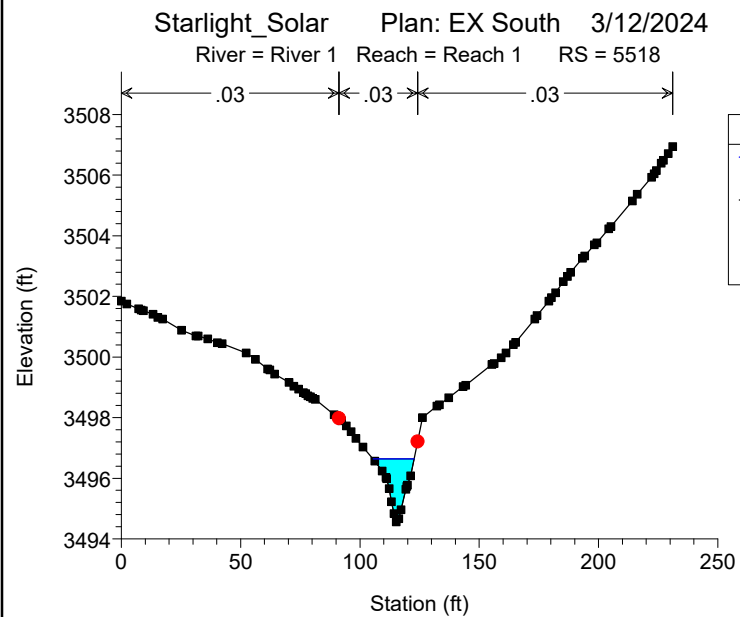
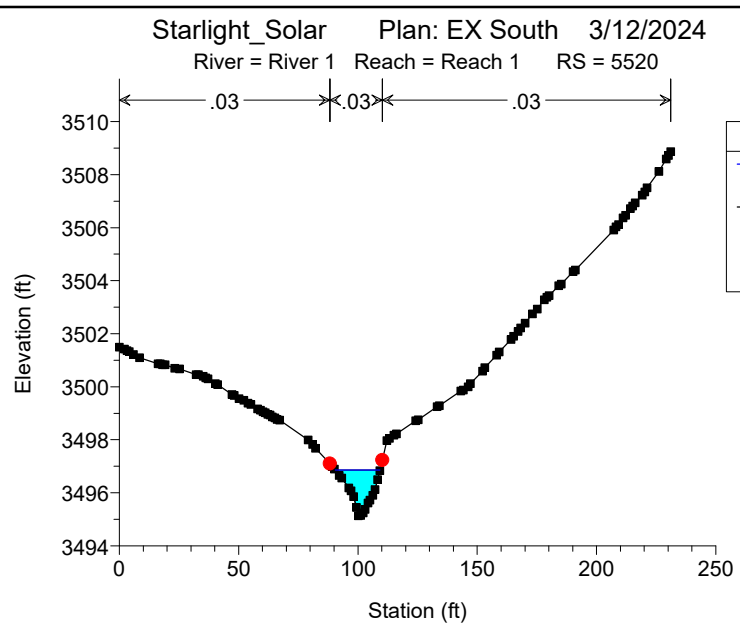
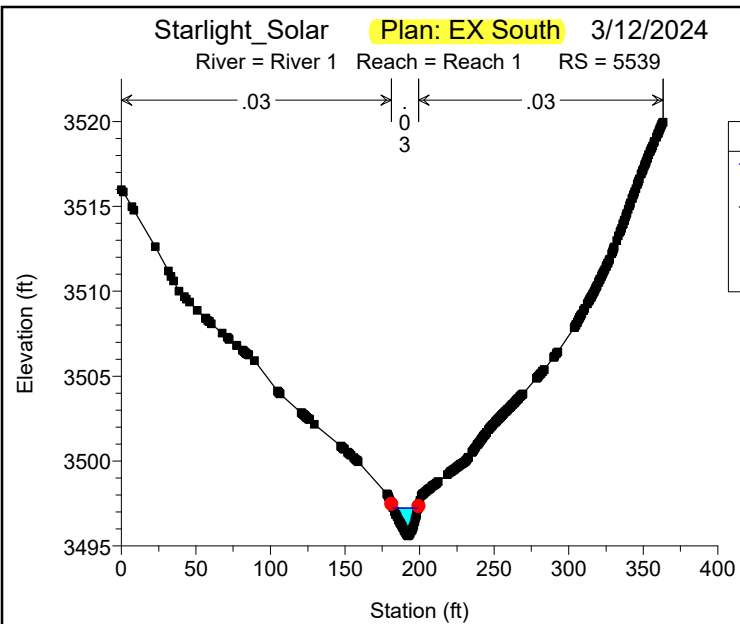
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 4	Reach 2	1179	Q100	9.70	3514.11	3514.68	0.57	0.0476	3514.68	3514.83	0.020518	3.12	3.11	10.60	1.01
River 4	Reach 2	1126	Q100	9.70	3511.58	3511.94	0.36	0.0652	3511.94	3512.06	0.024088	2.74	3.54	16.58	1.05
River 4	Reach 2	1095	Q100	9.70	3509.56	3509.94	0.38	0.0676	3509.94	3510.04	0.023293	2.63	3.69	17.98	1.02
River 4	Reach 2	1042	Q100	9.70	3506.00	3506.23	0.23	0.0480	3506.23	3506.34	0.022180	2.60	3.73	17.79	1.00
River 4	Reach 2	1017	Q100	9.70	3504.78	3505.19	0.41	0.0464	3505.19	3505.30	0.022378	2.71	3.58	16.11	1.02
River 4	Reach 2	998	Q100	9.70	3503.89	3504.24	0.35	0.0794	3504.24	3504.35	0.022415	2.59	3.74	18.06	1.00
River 4	Reach 2	972	Q100	9.70	3501.84	3502.21	0.37	0.0651	3502.21	3502.34	0.021065	2.84	3.42	13.75	1.00
River 4	Reach 2	942	Q100	9.70	3499.88	3500.45	0.57	0.0789	3500.45	3500.61	0.020103	3.18	3.05	9.93	1.01
River 4	Reach 2	918	Q100	9.70	3497.97	3498.20	0.23	0.0764	3498.20	3498.29	0.020516	2.46	3.94	19.28	0.96
River 4	Reach 2	892	Q100	9.70	3496.00	3496.34	0.34	0.0318	3496.34	3496.47	0.020495	2.88	3.37	13.02	1.00
River 4	Reach 2	770	Q100	9.70	3492.13	3492.52	0.39	0.0074		3492.52	0.000834	0.57	17.13	68.70	0.20
River 4	Reach 2	677	Q100	9.70	3491.44	3492.47	1.03	-0.0062		3492.48	0.000353	0.68	14.20	22.40	0.15
River 4	Reach 2	578	Q100	9.70	3492.06	3492.32	0.26	0.0169		3492.37	0.011647	1.88	5.17	24.79	0.73
River 4	Reach 2	559	Q100	9.70	3491.75	3492.00	0.25	0.0657	3492.00	3492.04	0.031216	1.59	6.10	78.83	1.01
River 4	Reach 2	430	Q100	9.70	3483.26	3483.43	0.17	0.0446	3483.43	3483.49	0.031272	2.03	4.79	43.01	1.07
River 4	Reach 2	363	Q100	9.70	3480.28	3480.46	0.18	0.0380	3480.46	3480.52	0.026292	1.95	5.08	45.26	0.99
River 4	Reach 2	353	Q100	9.70	3479.90	3480.08	0.18	0.0433	3480.08	3480.12	0.018695	1.63	6.36	65.28	0.84
River 4	Reach 2	329	Q100	9.70	3478.86	3479.04	0.18	0.0460	3479.04	3479.10	0.028118	1.93	5.02	44.77	1.02
River 4	Reach 2	319	Q100	9.70	3478.40	3478.57	0.17	0.0295	3478.57	3478.63	0.026581	1.88	5.15	45.83	0.99
River 4	Reach 2	96	Q100	9.70	3471.80	3472.05	0.25	0.0290	3472.05	3472.10	0.020353	1.97	6.02	65.42	0.91
River 4	Reach 2	86	Q100	9.70	3471.51	3471.80	0.29	0.0300	3471.80	3471.88	0.022822	2.27	4.36	28.90	0.98
River 4	Reach 2	62	Q100	9.70	3470.79	3471.09	0.30	0.0280	3471.09	3471.17	0.024257	2.22	4.37	28.38	1.00
River 4	Reach 2	52	Q100	9.70	3470.51	3470.98	0.47	0.0132		3470.99	0.001570	0.80	12.15	46.78	0.28
River 3	Reach 3	2455	Q100	53.00	3461.25	3461.64	0.39	0.0177	3461.59	3461.72	0.012930	2.34	22.69	84.91	0.80
River 3	Reach 3	2396	Q100	53.00	3460.22	3460.63	0.41	0.0327	3460.63	3460.74	0.022395	2.67	19.86	91.92	1.01
River 3	Reach 3	2324	Q100	53.00	3457.84	3458.14	0.30	0.0207	3458.14	3458.23	0.023747	2.46	21.58	118.24	1.01
River 3	Reach 3	2233	Q100	53.00	3455.97	3456.37	0.40	0.0161	3456.34	3456.49	0.013784	2.71	19.59	63.37	0.85
River 3	Reach 3	2095	Q100	53.00	3453.78	3454.24	0.46	0.0490	3454.24	3454.40	0.017001	3.29	16.93	53.60	0.96
River 3	Reach 3	2087	Q100	53.00	3453.29	3453.80	0.51	0.0538	3453.80	3453.97	0.017166	3.35	16.45	49.65	0.97
River 3	Reach 3	2069	Q100	53.00	3452.00	3452.79	0.79	0.0000	3452.77	3452.99	0.015081	3.55	15.04	39.67	0.94
River 3	Reach 3	2060	Q100	53.00	3452.00	3452.78	0.78	0.0080	3452.62	3452.87	0.006006	2.43	22.50	50.96	0.60
River 3	Reach 3	1919	Q100	53.00	3450.93	3451.35	0.42	0.0312	3451.35	3451.52	0.019278	3.32	15.99	47.74	1.01
River 3	Reach 3	1889	Q100	53.00	3450.00	3450.93	0.93	0.0000		3451.02	0.005419	2.39	22.19	41.82	0.58
River 3	Reach 3	1879	Q100	53.00	3450.00	3450.90	0.90	0.0000		3450.97	0.003848	2.22	24.14	43.60	0.50
River 3	Reach 3	1855	Q100	53.00	3450.00	3450.78	0.78	0.0000		3450.87	0.004858	2.40	22.52	43.57	0.56
River 3	Reach 3	1845	Q100	53.00	3450.00	3450.57	0.57	0.0127	3450.57	3450.77	0.017864	3.58	14.81	37.59	1.00
River 3	Reach 3	1763	Q100	53.00	3448.95	3449.61	0.66	0.0095	3449.50	3449.68	0.007948	2.19	24.18	69.14	0.65
River 3	Reach 3	1653	Q100	53.00	3447.91	3448.24	0.32	0.0178	3448.24	3448.37	0.020081	2.94	18.02	66.36	1.00
River 3	Reach 3	1546	Q100	53.00	3446.00	3446.79	0.79	0.0000		3446.84	0.002545	1.71	31.02	56.04	0.40
River 3	Reach 3	1536	Q100	53.00	3446.00	3446.76	0.76	0.0000		3446.81	0.002957	1.79	29.59	54.53	0.43
River 3	Reach 3	1512	Q100	53.00	3446.00	3446.73	0.73	0.0000		3446.75	0.001474	1.32	41.51	84.16	0.31
River 3	Reach 3	1502	Q100	53.00	3446.00	3446.72	0.72	0.0000		3446.74	0.001059	1.03	51.65	101.69	0.25
River 3	Reach 3	1370	Q100	53.00	3446.00	3446.25	0.25	0.0128	3446.25	3446.36	0.018908	2.63	20.19	84.34	0.95
River 3	Reach 3	1213	Q100	53.00	3444.00	3444.48	0.48	0.0000		3444.50	0.002100	1.30	40.90	95.00	0.35
River 3	Reach 3	1203	Q100	53.00	3444.00	3444.45	0.45	0.0000		3444.48	0.002237	1.33	40.33	97.54	0.36
River 3	Reach 3	1179	Q100	53.00	3444.00	3444.38	0.38	0.0000		3444.41	0.003583	1.52	35.49	100.92	0.44
River 3	Reach 3	1169	Q100	53.00	3444.00	3444.23	0.23	0.0187	3444.23	3444.33	0.021635	2.62	20.22	93.66	0.99
River 3	Reach 3	1062	Q100	53.00	3442.00	3442.60	0.60	0.0116	3442.49	3442.69	0.008728	2.51	21.15	53.03	0.70
River 3	Reach 3	884	Q100	53.00	3439.94	3440.26	0.32	0.0350	3440.26	3440.41	0.020551	3.02	17.56	63.35	1.01
River 3	Reach 3	874	Q100	53.00	3439.59	3440.04	0.45	0.0417	3440.04	3440.19	0.019811	3.03	17.49	61.05	1.00
River 3	Reach 3	850	Q100	53.00	3438.59	3439.17	0.58	0.0400	3439.17	3439.36	0.018155	3.49	15.21	40.27	1.00
River 3	Reach 3	840	Q100	53.00	3438.19	3438.97	0.78	0.0147	3438.92	3439.14	0.012959	3.29	16.09	35.98	0.87
River 3	Reach 3	688	Q100	53.00	3435.97	3436.67	0.70	0.0154	3436.67	3436.91	0.016800	3.92	13.51	28.23	1.00

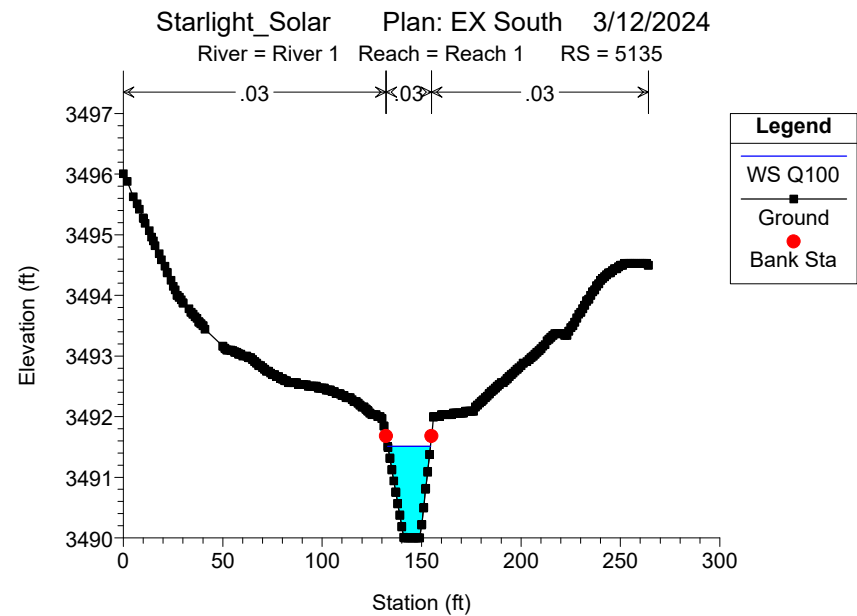
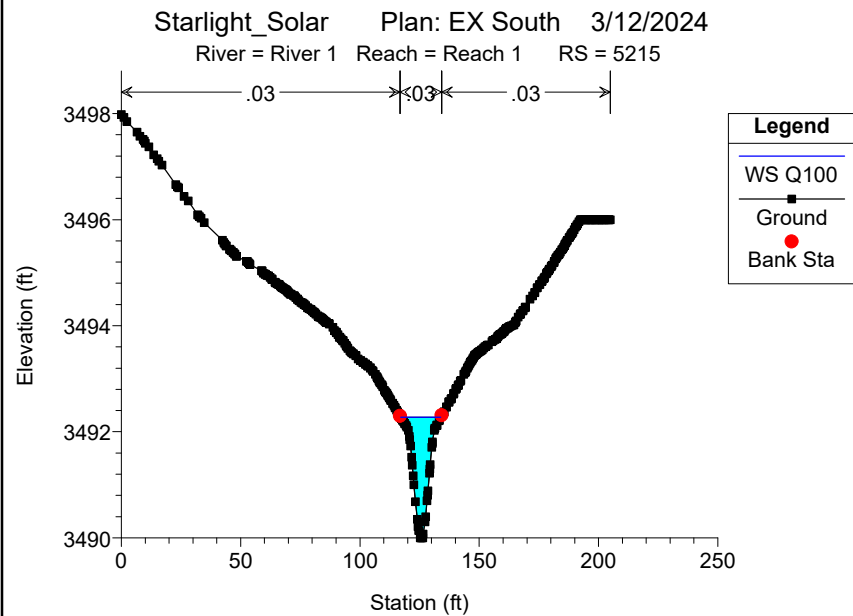
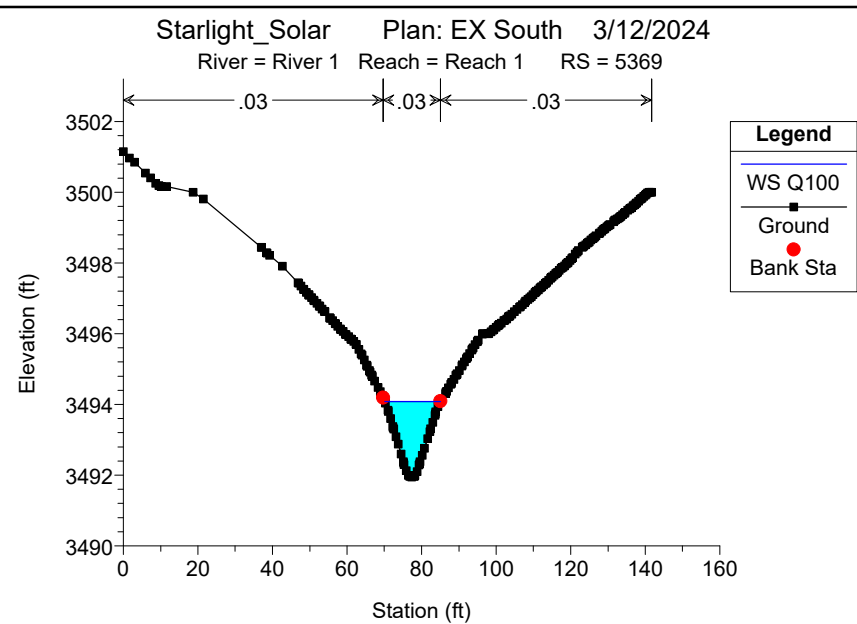
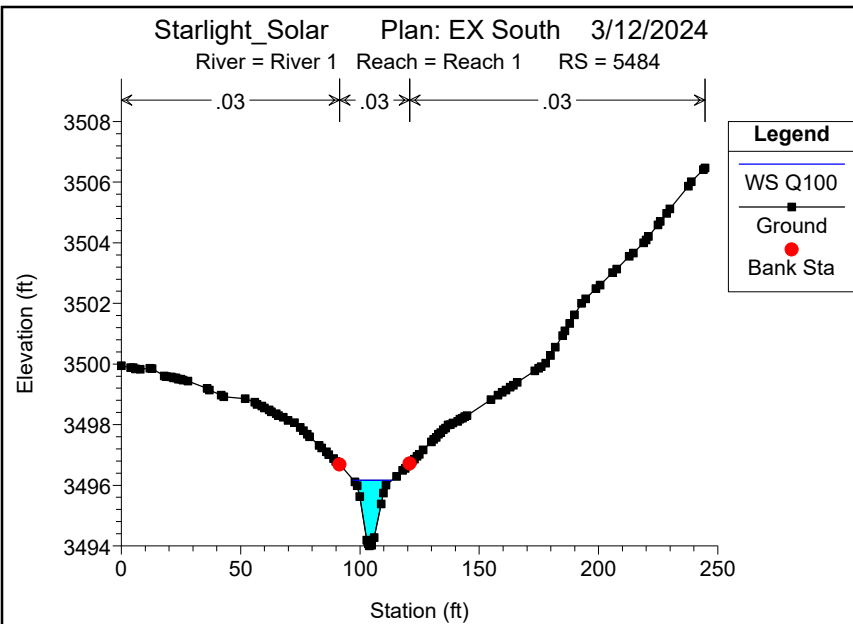
HEC-RAS Plan: EX South Profile: Q100 (Continued)

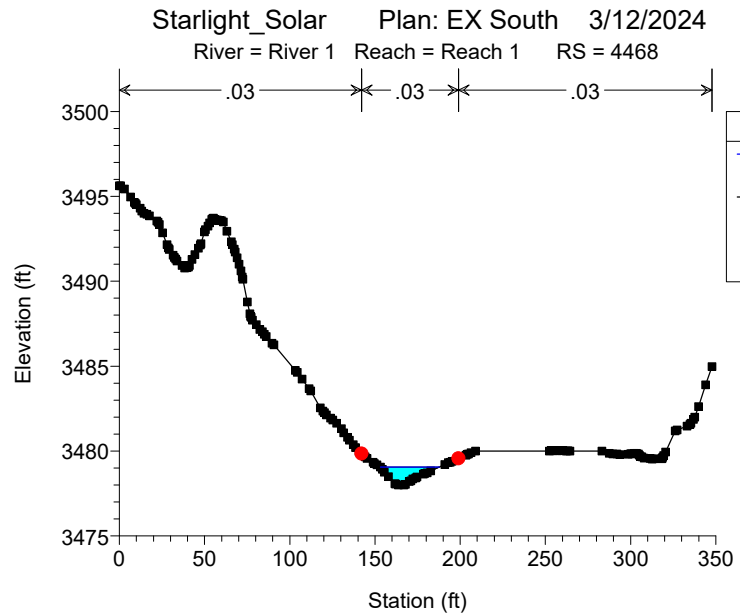
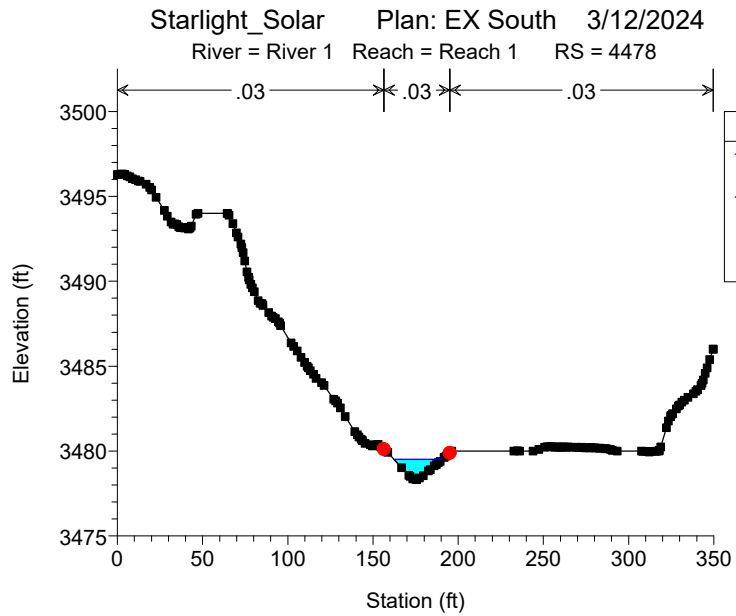
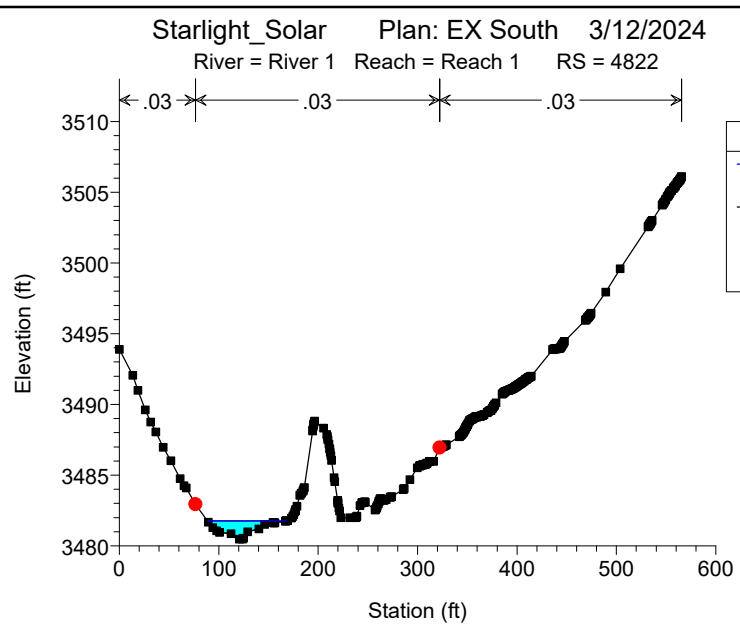
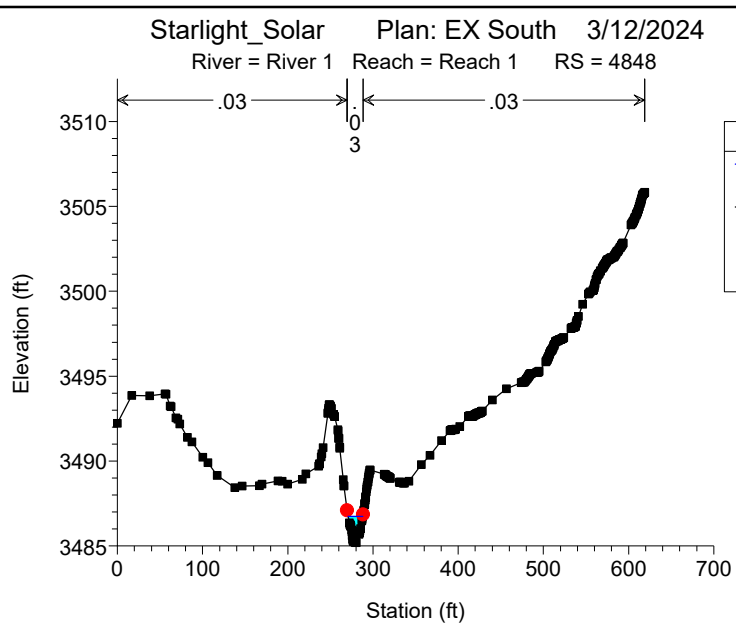
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 3	Reach 3	549	Q100	53.00	3433.82	3434.22	0.40	0.0150		3434.29	0.010310	2.23	23.72	80.09	0.72
River 3	Reach 3	539	Q100	53.00	3433.67	3434.04	0.37	0.0267	3434.04	3434.15	0.021059	2.67	20.01	91.69	0.99
River 3	Reach 3	515	Q100	53.00	3433.03	3433.46	0.43	0.0270	3433.46	3433.59	0.020602	2.94	18.00	67.53	1.01
River 3	Reach 3	505	Q100	53.00	3432.76	3433.18	0.42	0.0273	3433.18	3433.32	0.020205	2.97	17.84	65.10	1.00
River 3	Reach 3	439	Q100	53.00	3430.98	3431.65	0.67	0.0167	3431.65	3431.83	0.018054	3.43	15.45	41.67	0.99
River 3	Reach 3	326	Q100	53.00	3429.10	3429.52	0.42	0.0233	3429.52	3429.65	0.020441	2.91	18.23	69.30	1.00
River 3	Reach 3	236	Q100	53.00	3427.00	3427.51	0.51	0.0179	3427.51	3427.66	0.020757	3.09	17.17	60.30	1.02
River 3	Reach 3	171	Q100	53.00	3425.84	3426.26	0.42	0.0070		3426.32	0.007365	1.99	26.68	83.48	0.62
River 3	Reach 3	161	Q100	53.00	3425.77	3426.09	0.32	0.0313	3426.09	3426.20	0.022046	2.67	19.84	90.63	1.01
River 3	Reach 3	137	Q100	53.00	3425.02	3425.54	0.52	0.0340	3425.54	3425.69	0.019628	3.08	17.22	58.25	1.00
River 3	Reach 3	128	Q100	53.00	3424.68	3425.25	0.57	0.0263	3425.25	3425.40	0.019659	3.09	17.17	57.90	1.00
River 3	Reach 3	74	Q100	53.00	3423.27	3423.82	0.54	0.0332	3423.82	3423.98	0.019576	3.23	16.40	51.49	1.01
River 3	Reach 3	41	Q100	53.00	3422.19	3422.62	0.43	0.2473	3422.62	3422.75	0.020969	2.92	18.15	69.83	1.01
River 2	Reach 3-Lower	994	Q100	659.00	3412.00	3415.83	3.83	0.0112	3415.83	3417.17	0.010431	9.26	71.14	27.04	1.01
River 2	Reach 3-Lower	813	Q100	659.00	3409.97	3413.75	3.77		3413.75	3415.08	0.010578	9.27	71.06	27.24	1.01
River 1	Reach 1	5539	Q100	87.30	3495.59	3497.23	1.64	0.0247	3497.23	3497.70	0.014041	5.53	15.78	16.87	1.01
River 1	Reach 1	5520	Q100	87.30	3495.14	3496.86	1.72	0.2521	3496.86	3497.31	0.014486	5.36	16.30	18.74	1.01
River 1	Reach 1	5518	Q100	87.30	3494.56	3496.64	2.08	0.0184	3496.64	3497.11	0.014502	5.52	15.82	17.18	1.01
River 1	Reach 1	5488	Q100	87.30	3494.00	3496.50	2.50	0.0000		3496.71	0.005835	3.69	23.69	23.91	0.65
River 1	Reach 1	5484	Q100	87.30	3494.00	3496.17	2.17	0.0177	3496.17	3496.65	0.013992	5.58	15.65	16.08	1.00
River 1	Reach 1	5369	Q100	87.30	3491.95	3494.08	2.13	0.0127		3494.47	0.008646	4.98	17.55	14.96	0.81
River 1	Reach 1	5215	Q100	87.30	3490.00	3492.28	2.27	0.0000	3492.28	3492.76	0.014833	5.57	15.68	16.79	1.02
River 1	Reach 1	5135	Q100	87.30	3490.00	3491.51	1.51	0.0000		3491.75	0.005945	3.89	22.47	21.49	0.67
River 1	Reach 1	5132	Q100	87.30	3490.00	3491.41	1.41	0.0000		3491.72	0.008804	4.46	19.59	20.55	0.80
River 1	Reach 1	5102	Q100	87.30	3490.00	3491.44	1.43	0.0000		3491.50	0.003088	2.04	45.86	100.39	0.45
River 1	Reach 1	5100	Q100	87.30	3490.00	3491.46	1.45	0.0443		3491.48	0.000783	1.47	77.31	140.44	0.25
River 1	Reach 1	5075	Q100	87.30	3488.92	3491.47	3.59	0.0270		3491.47	0.000009	0.23	397.58	242.52	0.03
River 1	Reach 1	4967	Q100	87.30	3486.00	3491.47	5.47	0.0000		3491.47	0.000000	0.08	1306.34	314.96	0.01
River 1	Reach 1	4937	Q100	87.30	3486.00	3491.47	5.47	0.0091	3486.34	3491.47	0.000001	0.14	634.68	333.74	0.01
River 1	Reach 1	4892.5		Culvert											
River 1	Reach 1	4848	Q100	87.30	3485.19	3486.73	1.54	0.1784	3486.73	3487.20	0.014047	5.52	15.81	16.97	1.01
River 1	Reach 1	4822	Q100	87.30	3480.48	3481.76	1.28	0.0063		3481.81	0.002911	1.88	46.45	78.67	0.43
River 1	Reach 1	4478	Q100	87.30	3478.31	3479.51	1.20	0.0310	3479.51	3479.84	0.015240	4.65	18.79	28.27	1.00
River 1	Reach 1	4468	Q100	87.30	3478.00	3479.06	1.06	0.0000	3479.06	3479.35	0.016172	4.37	19.97	34.44	1.01
River 1	Reach 1	4444	Q100	87.30	3478.00	3478.63	0.63	0.0000		3478.76	0.009837	2.84	31.04	71.53	0.75
River 1	Reach 1	4434	Q100	87.30	3478.00	3478.46	0.46	0.0186	3478.45	3478.62	0.017838	3.31	27.02	79.17	0.98
River 1	Reach 1	4150	Q100	87.30	3472.72	3473.16	0.44	0.0260	3473.16	3473.32	0.019613	3.26	26.80	84.31	1.01
River 1	Reach 1	4140	Q100	87.30	3472.46	3472.92	0.46	0.0192	3472.92	3473.08	0.018981	3.22	27.16	84.15	1.00
River 1	Reach 1	4116	Q100	87.30	3472.00	3472.52	0.52	0.0070		3472.62	0.008295	2.43	35.88	90.55	0.68
River 1	Reach 1	4106	Q100	87.30	3471.93	3472.34	0.41	0.0331	3472.34	3472.49	0.019920	3.10	28.16	95.37	1.01
River 1	Reach 1-Lower	3849	Q100	97.00	3468.00	3468.49	0.49	0.0269	3468.49	3468.68	0.017924	3.50	27.75	73.66	1.00
River 1	Reach 1-Lower	3697	Q100	97.00	3463.89	3465.55	1.66	0.0010	3465.55	3466.06	0.013531	5.77	16.82	16.37	1.00
River 1	Reach 1-Lower	3687	Q100	97.00	3463.88	3465.34	1.46	0.0025	3465.34	3465.80	0.013980	5.45	17.80	19.55	1.01
River 1	Reach 1-Lower	3663	Q100	97.00	3463.82	3465.15	1.33	0.0010	3464.97	3465.42	0.007779	4.13	23.51	25.38	0.76
River 1	Reach 1-Lower	3653	Q100	97.00	3463.81	3464.93	1.12	0.0352	3464.93	3465.30	0.015063	4.86	19.95	27.75	1.01
River 1	Reach 1-Lower	3600	Q100	97.00	3461.97	3464.19	2.22	0.0017		3464.32	0.002719	2.90	33.50	27.70	0.46
River 1	Reach 1-Lower	3554	Q100	97.00	3461.89	3463.50	1.61	0.0160	3463.50	3464.03	0.013654	5.86	16.54	15.79	1.01
River 1	Reach 1-Lower	3308	Q100	97.00	3457.97	3459.24	1.27	0.0030	3459.24	3459.67	0.014170	5.23	18.55	21.98	1.00
River 1	Reach 1-Lower	3298	Q100	97.00	3457.94	3459.07	1.13	0.0396	3459.07	3459.43	0.014944	4.81	20.15	28.31	1.01
River 1	Reach 1-Lower	3274	Q100	97.00	3456.99	3458.37	1.38	0.0980	3458.37	3458.66	0.016244	4.33	22.41	39.25	1.01
River 1	Reach 1-Lower	3264	Q100	97.00	3456.01	3457.94	1.93	0.0137	3457.94	3458.47	0.014042	5.82	16.66	16.39	1.02
River 1	Reach 1-Lower	3118	Q100	97.00	3454.00	3454.66	0.65	0.0165	3454.66	3454.88	0.017100	3.83	25.32	55.61	1.00
River 1	Reach 1-Lower	3060	Q100	97.00	3453.05	3453.48	0.43	0.0185	3453.46	3453.57	0.015280	2.42	40.08	161.24	0.86

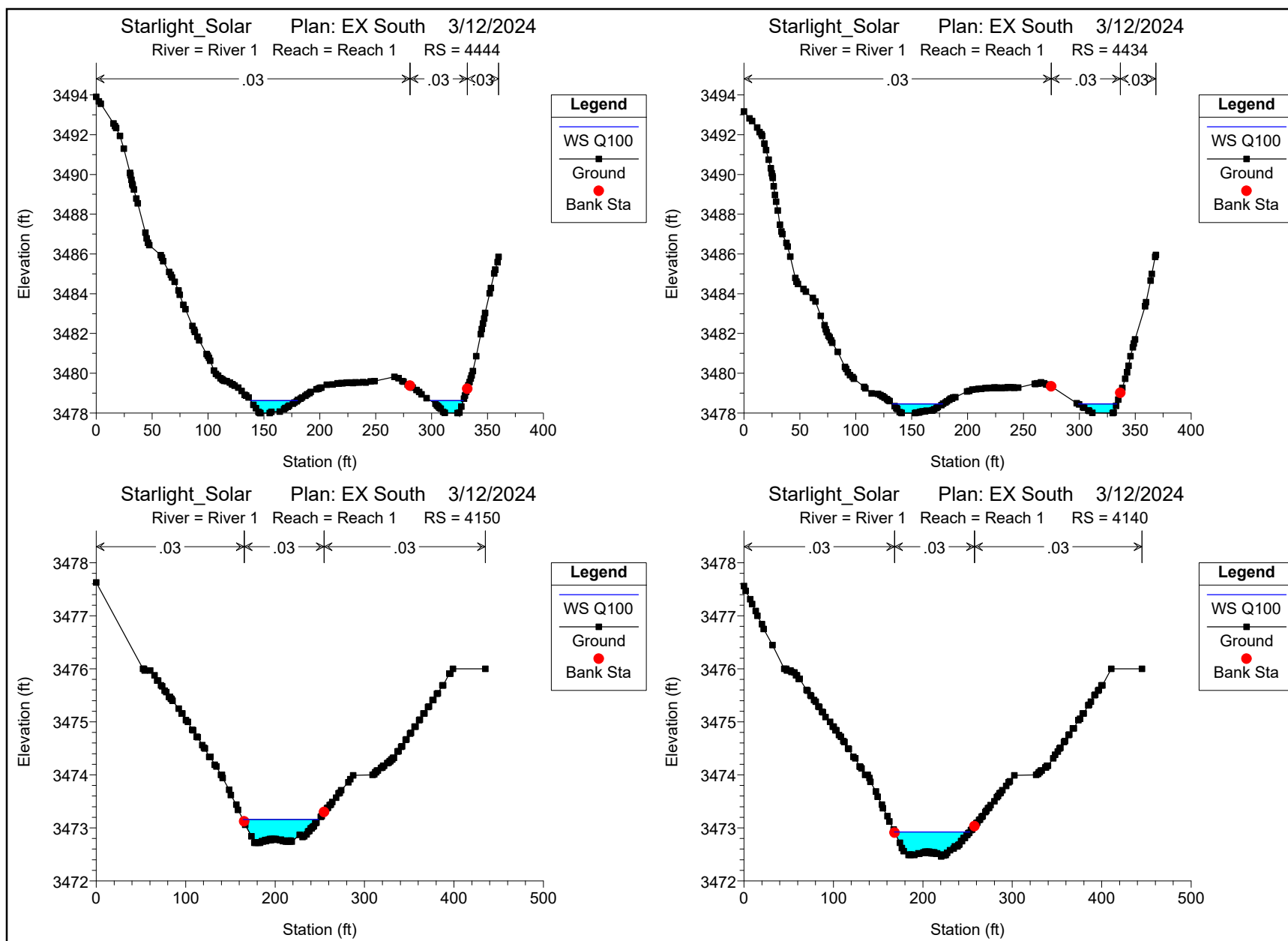
HEC-RAS Plan: EX South Profile: Q100 (Continued)

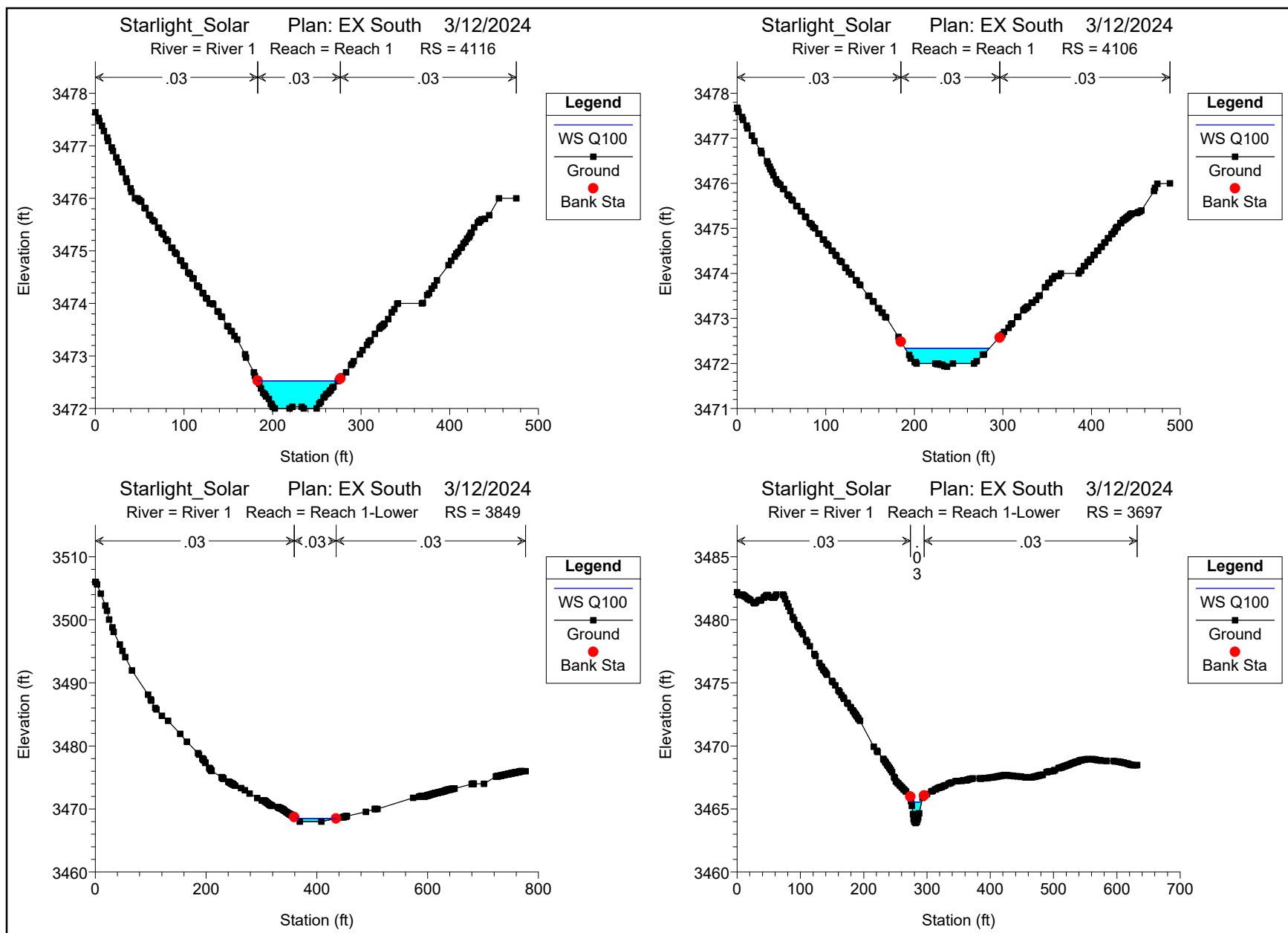
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 1	Reach 1-Lower	2934	Q100	117.00	3450.71	3451.10	0.39	0.0270	3451.10	3451.21	0.022397	2.65	44.17	206.73	1.01
River 1	Reach 1-Lower	2924	Q100	117.00	3450.44	3450.81	0.37	0.0183	3450.81	3450.92	0.021512	2.67	43.79	196.29	1.00
River 1	Reach 1-Lower	2900	Q100	117.00	3450.00	3450.36	0.36	0.0000		3450.41	0.005840	1.73	67.79	220.19	0.55
River 1	Reach 1-Lower	2890	Q100	117.00	3450.00	3450.24	0.24	0.0252	3450.22	3450.32	0.015019	2.22	52.79	243.95	0.83
River 1	Reach 1-Lower	2856	Q100	117.00	3449.15	3449.59	0.44	0.0273	3449.59	3449.71	0.022467	2.75	42.64	196.28	1.02
River 1	Reach 1-Lower	2746	Q100	117.00	3446.15	3447.31	1.16	0.0049		3447.35	0.002797	1.53	76.35	170.56	0.40
River 1	Reach 1-Lower	2697	Q100	489.00	3445.91	3446.59	0.68	0.0355	3446.59	3446.80	0.018803	3.61	135.52	349.89	1.02
River 1	Reach 1-Lower	2643	Q100	489.00	3444.00	3445.13	1.13	0.0178	3445.13	3445.40	0.016449	4.17	117.18	219.76	1.01
River 1	Reach 1-Lower	2528	Q100	489.00	3441.95	3442.95	1.00	0.0090		3443.18	0.009336	3.85	128.93	184.45	0.80
River 1	Reach 1-Lower	2518	Q100	489.00	3441.86	3442.90	1.04	0.0083		3443.09	0.006698	3.47	142.83	187.79	0.69
River 1	Reach 1-Lower	2494	Q100	489.00	3441.66	3442.73	1.07	0.0100		3442.92	0.007271	3.51	140.99	193.43	0.71
River 1	Reach 1-Lower	2484	Q100	489.00	3441.56	3442.62	1.06	0.0106		3442.84	0.008881	3.75	133.07	193.53	0.78
River 1	Reach 1-Lower	2398	Q100	489.00	3440.65	3442.05	1.40	0.0098	3441.76	3442.21	0.005796	3.27	149.63	185.43	0.64
River 1	Reach 1-Lower	2128	Q100	659.00	3438.00	3439.26	1.26	0.0000	3439.26	3439.80	0.012893	5.93	111.12	102.44	1.00
River 1	Reach 1-Lower	2118	Q100	659.00	3438.00	3439.13	1.13	0.0075	3439.13	3439.63	0.013007	5.68	116.27	116.52	1.00
River 1	Reach 1-Lower	2094	Q100	659.00	3437.82	3438.90	1.08	0.0190	3438.82	3439.22	0.010574	4.56	144.77	172.13	0.87
River 1	Reach 1-Lower	2084	Q100	659.00	3437.63	3438.71	1.08	0.0216	3438.71	3439.09	0.014933	4.94	133.35	180.70	1.01
River 1	Reach 1-Lower	1823	Q100	659.00	3432.00	3435.39	3.39	0.0057		3435.98	0.005685	6.18	106.62	49.38	0.74
River 1	Reach 1-Lower	1470	Q100	659.00	3430.00	3433.03	3.03	0.0000	3432.86	3433.45	0.008861	5.24	125.77	105.12	0.84
River 1	Reach 1-Lower	1460	Q100	659.00	3430.00	3432.74	2.74	0.0000	3432.74	3433.34	0.012808	6.19	106.39	91.16	1.01
River 1	Reach 1-Lower	1436	Q100	659.00	3430.00	3432.54	2.54	0.0000	3432.32	3433.03	0.009071	5.64	116.89	89.00	0.87
River 1	Reach 1-Lower	1426	Q100	659.00	3430.00	3432.47	2.47	0.0087	3432.26	3432.93	0.008732	5.40	121.95	96.29	0.85
River 1	Reach 1-Lower	994	Q100	659.00	3426.24	3428.23	1.99	0.0240	3428.23	3428.73	0.010879	5.71	119.02	135.86	0.93
River 1	Reach 1-Lower	984	Q100	659.00	3426.00	3427.74	1.74	0.0050	3427.74	3428.28	0.013083	5.92	111.33	104.15	1.01
River 1	Reach 1-Lower	960	Q100	659.00	3425.88	3427.31	1.43	0.0790	3427.31	3427.79	0.013443	5.59	117.87	122.66	1.01
River 1	Reach 1-Lower	950	Q100	659.00	3425.09	3426.69	1.60	0.0057	3426.58	3427.05	0.009583	4.93	136.74	143.98	0.86
River 1	Reach 1-Lower	730	Q100	659.00	3423.84	3425.16	1.32	0.0274		3425.40	0.005808	3.89	169.43	161.87	0.67
River 1	Reach 1-Lower	590	Q100	659.00	3420.00	3423.73	3.73	0.0070	3423.68	3424.51	0.006211	8.08	105.52	63.05	0.81
River 1	Reach 1-Lower	304	Q100	659.00	3418.00	3421.39	3.39	0.0141	3421.39	3422.10	0.011776	6.78	97.26	68.24	1.00

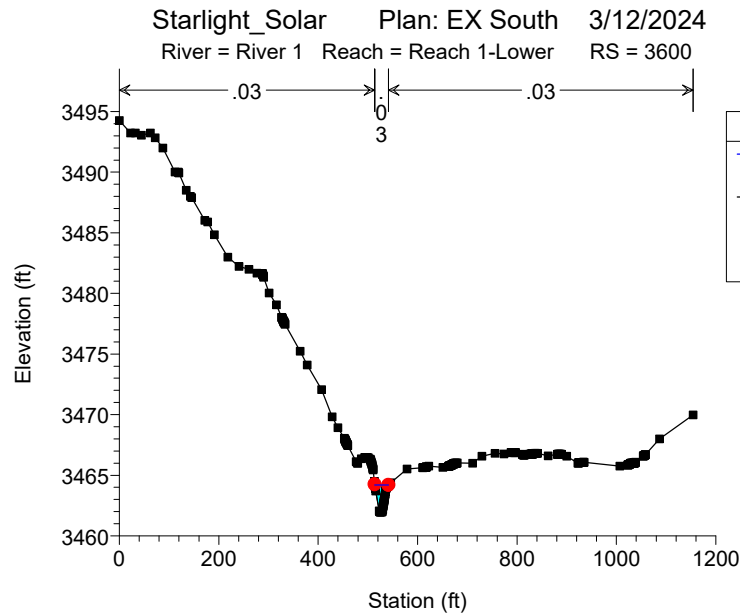
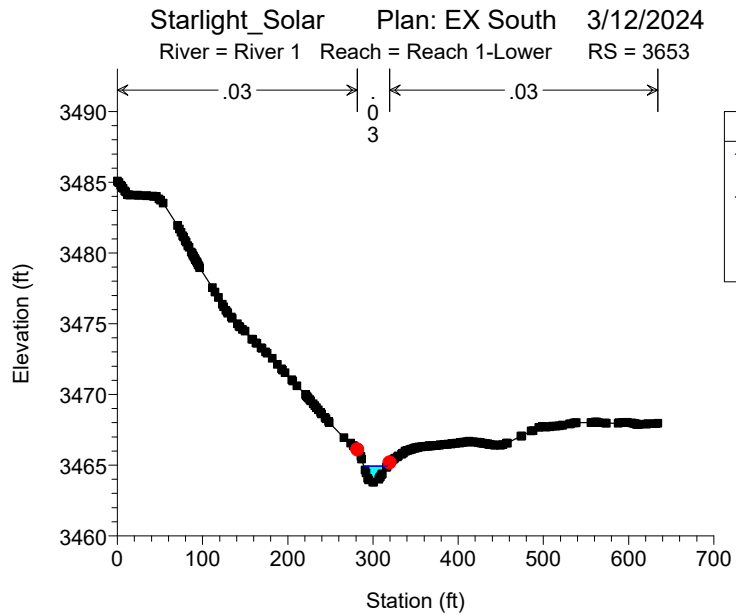
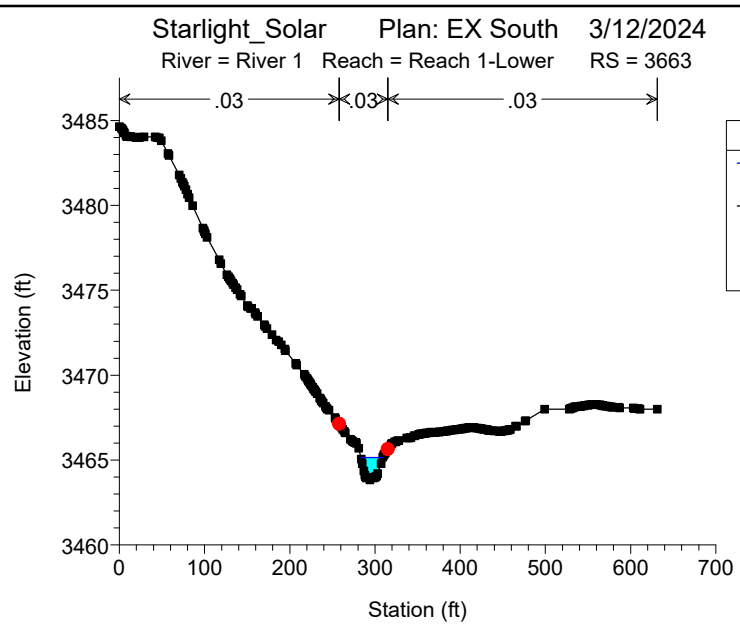
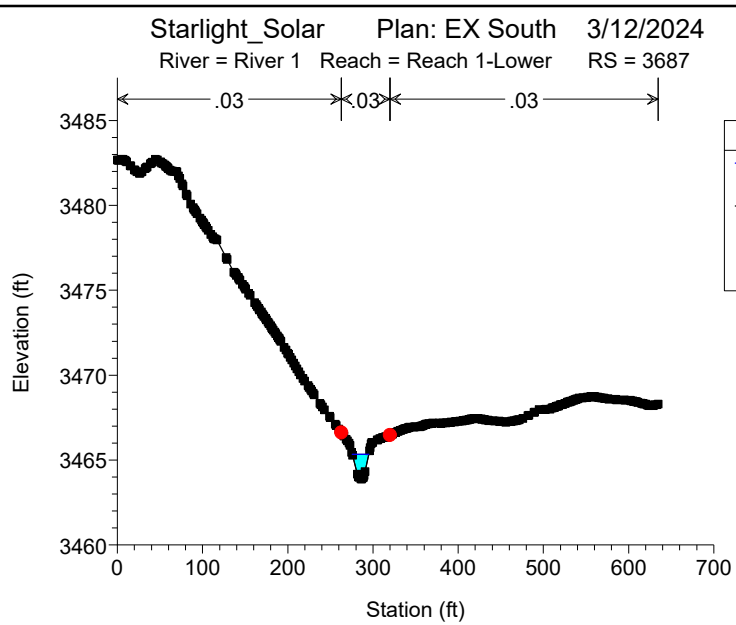


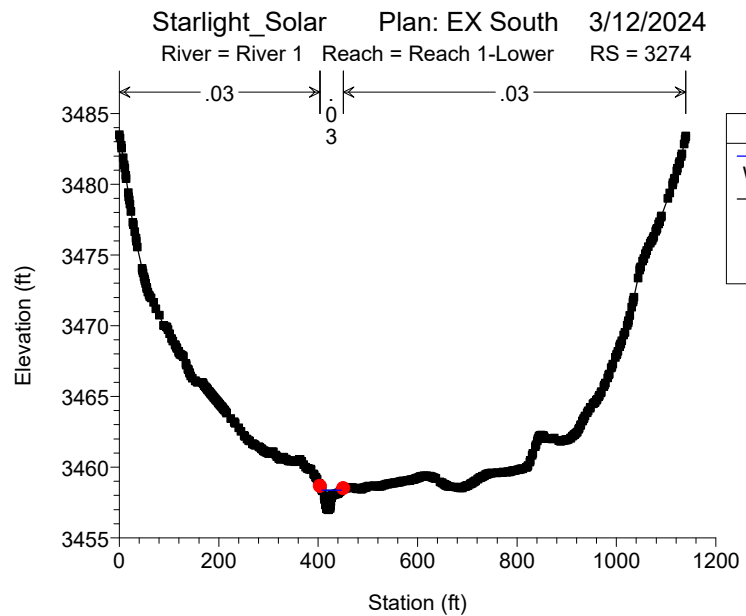
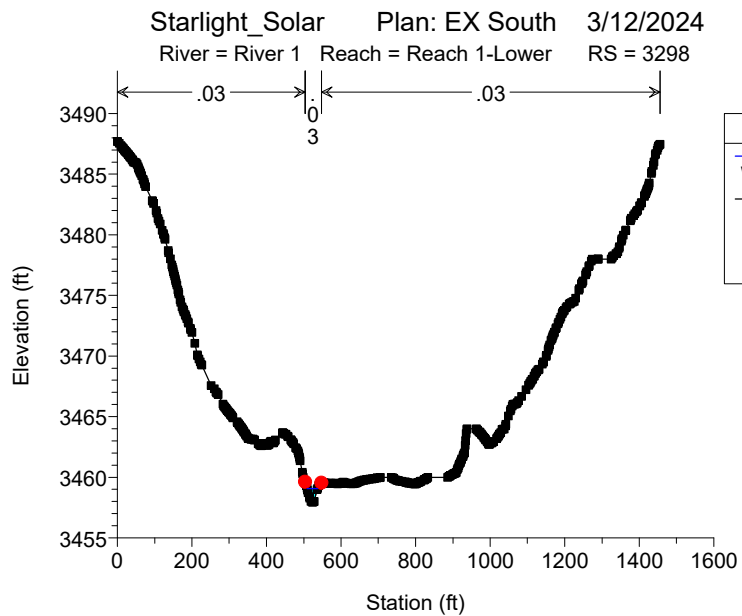
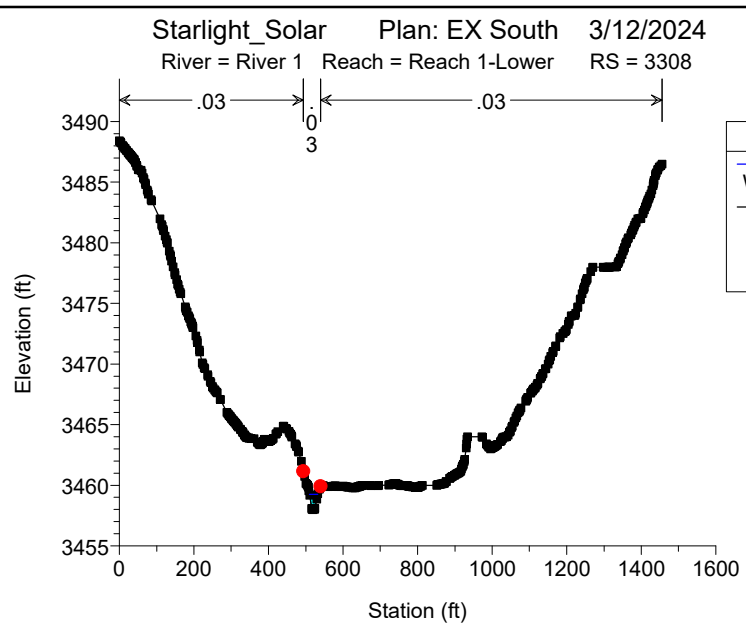
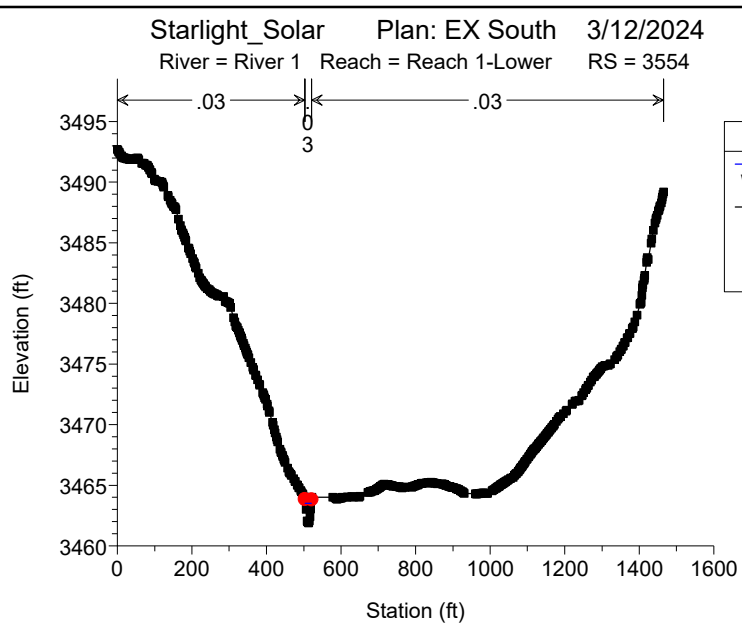


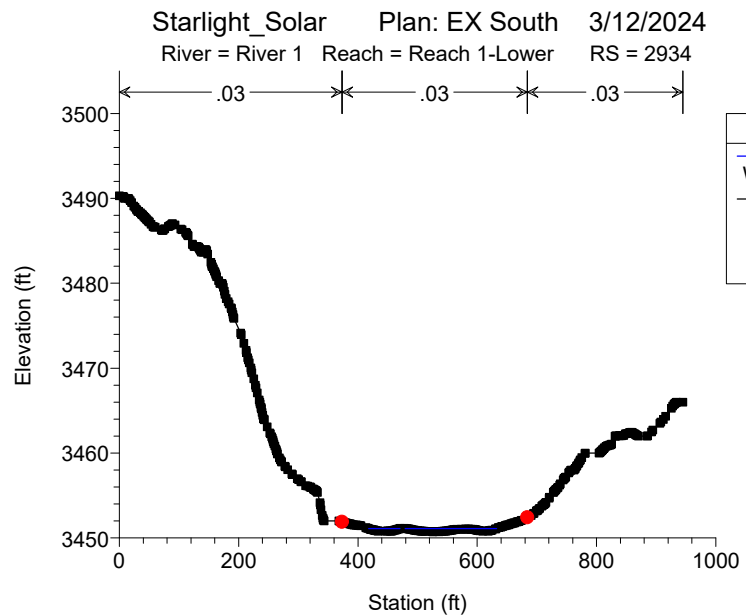
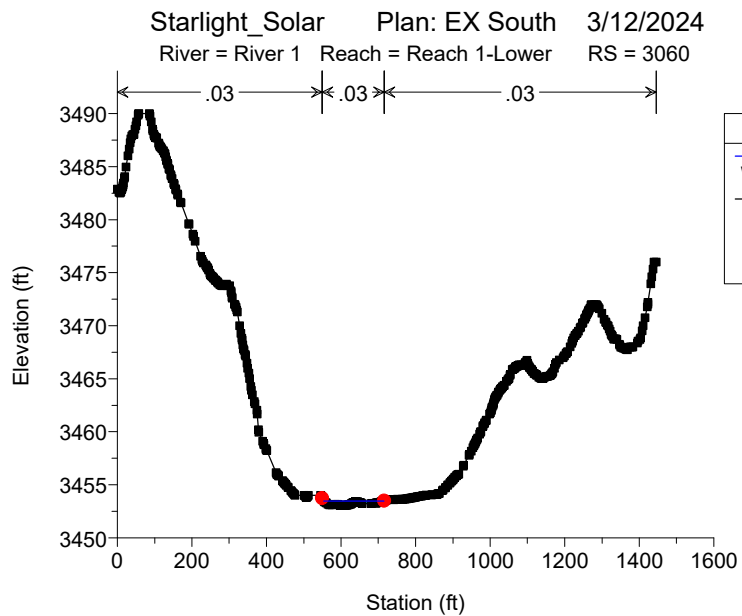
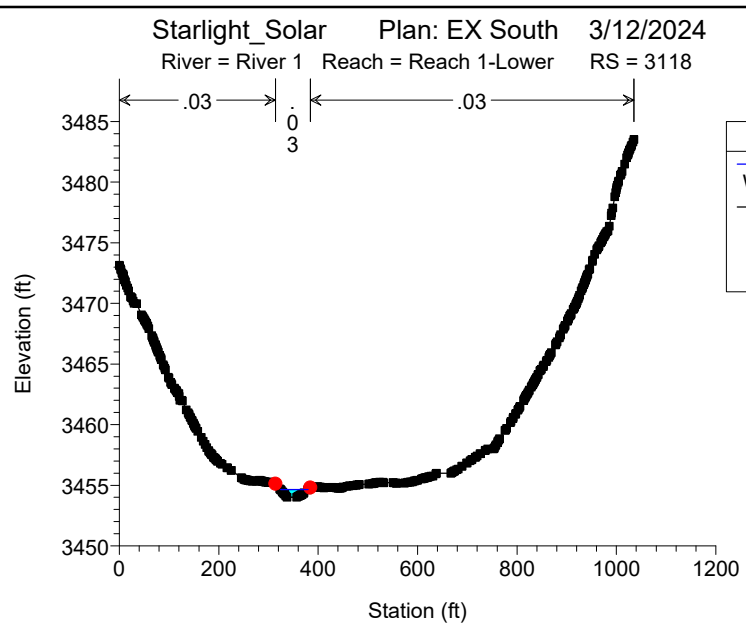
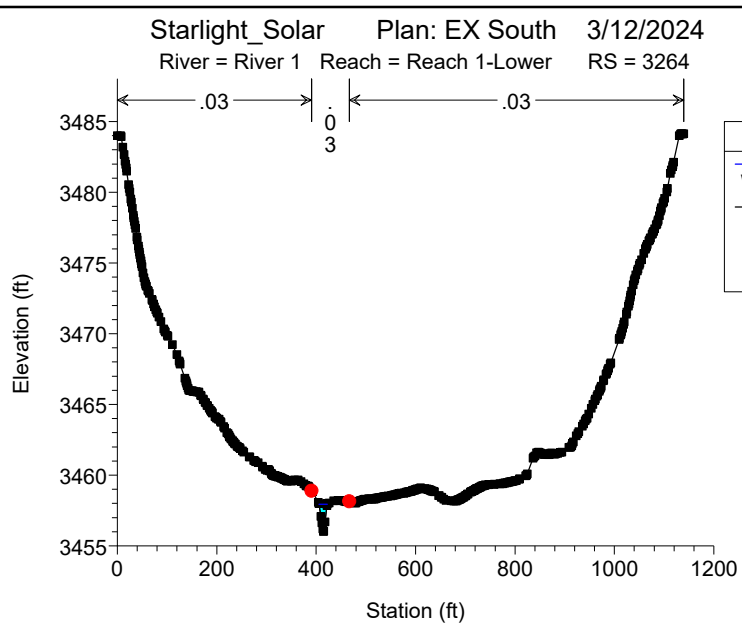


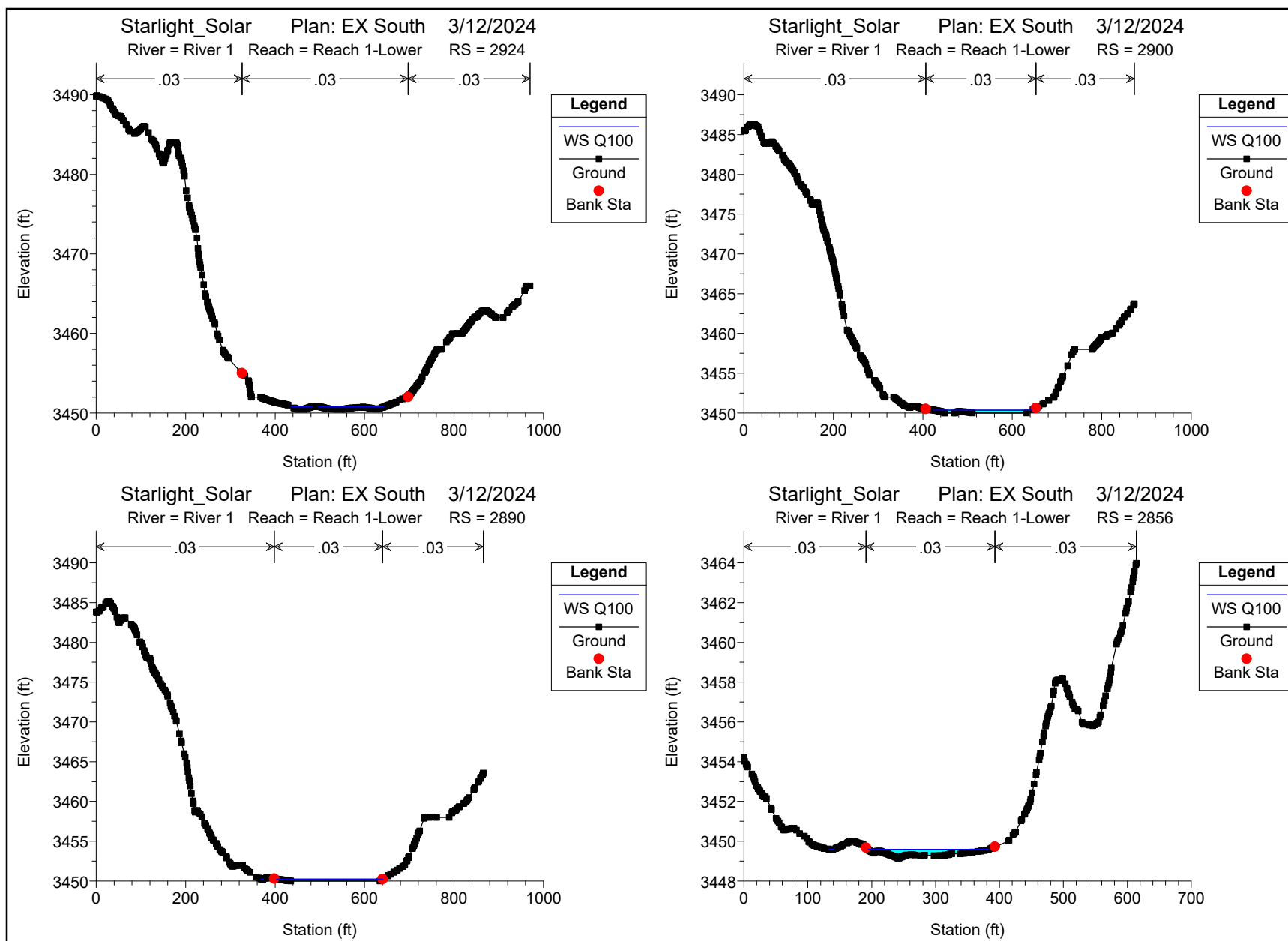


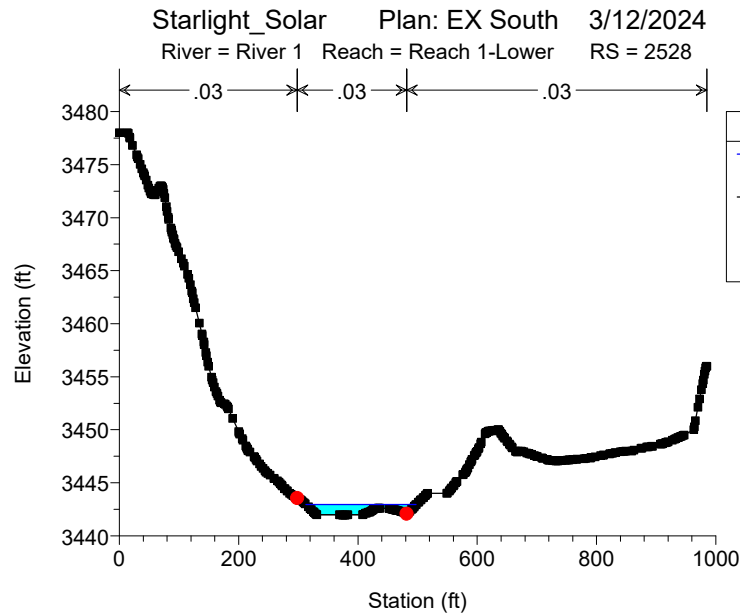
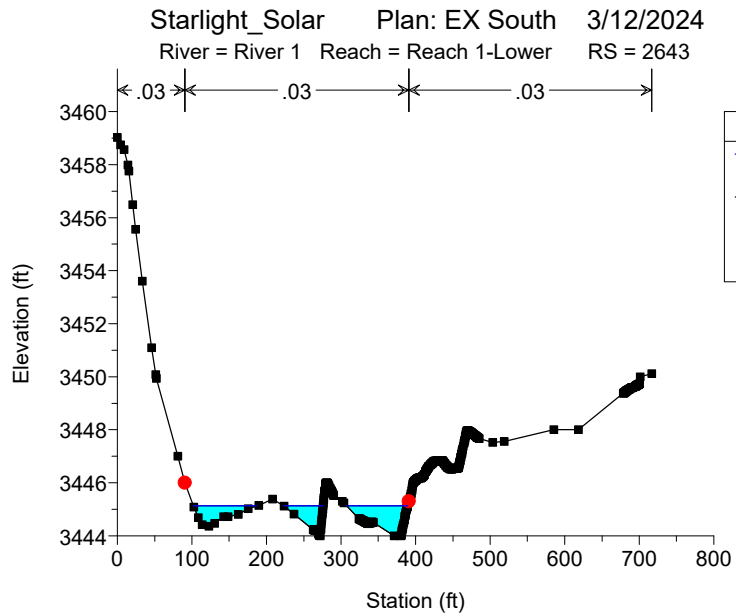
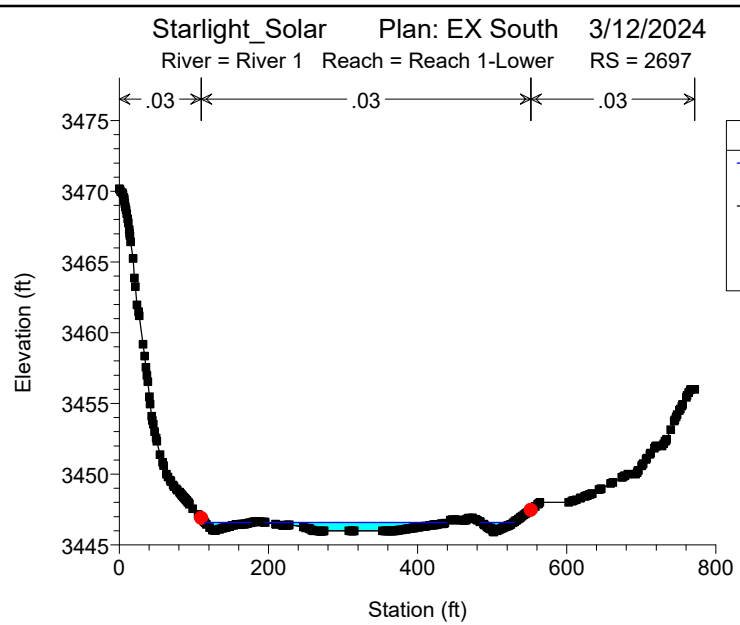
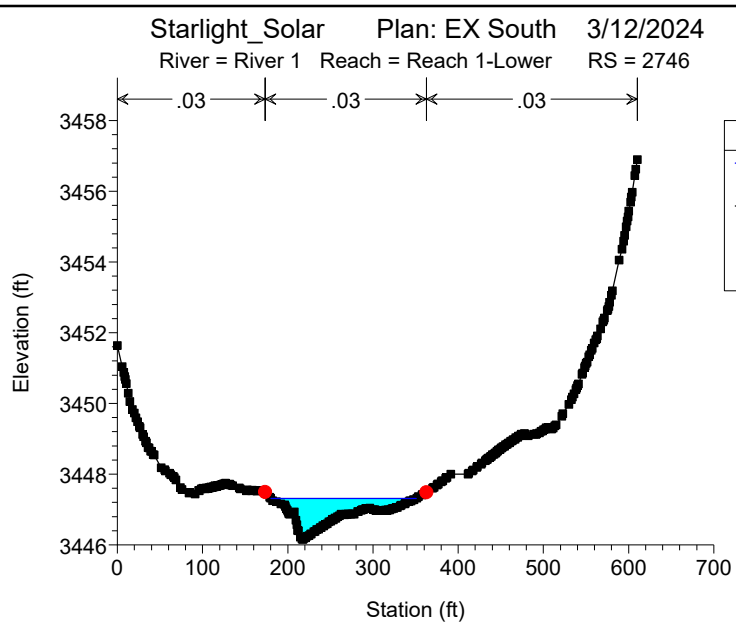


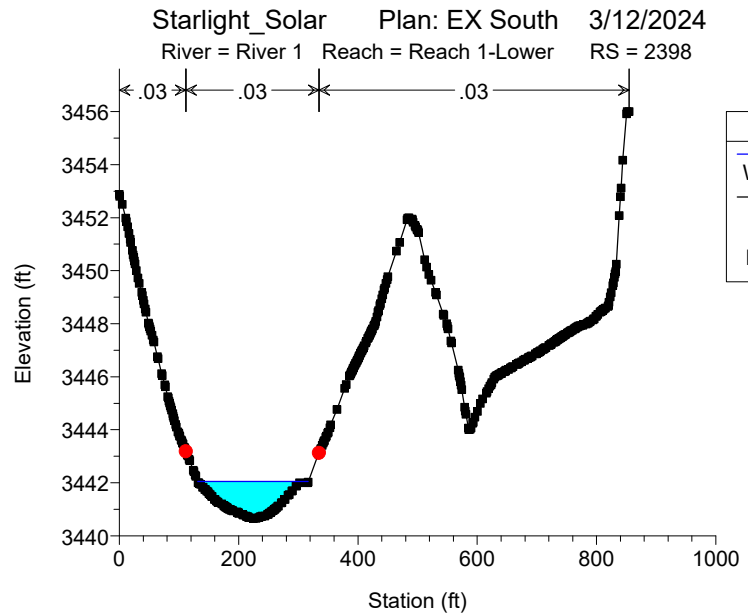
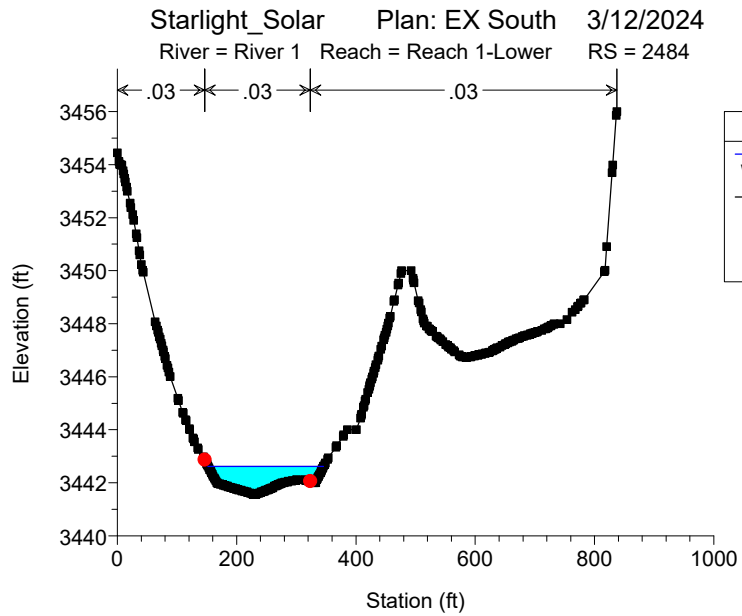
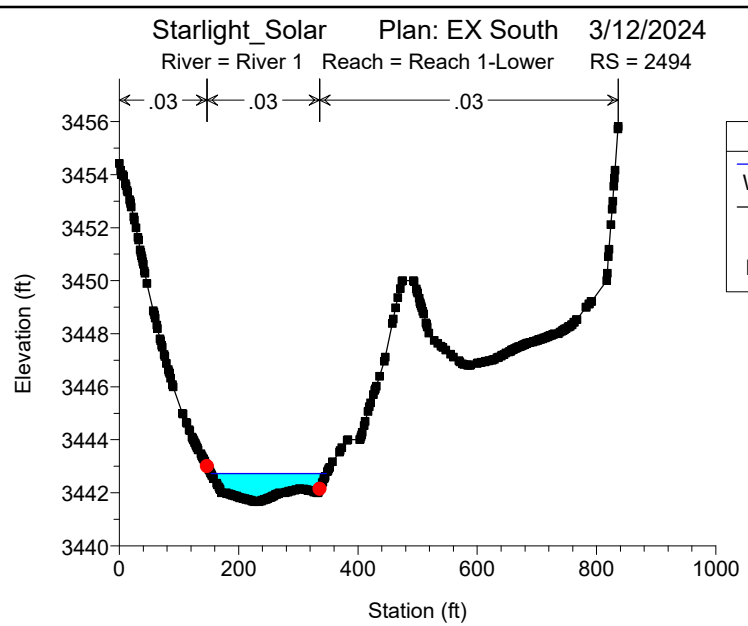
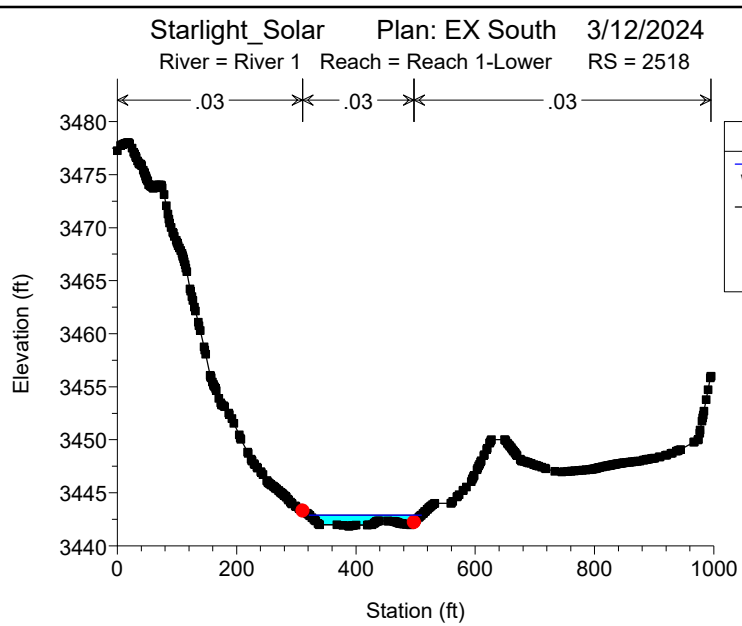


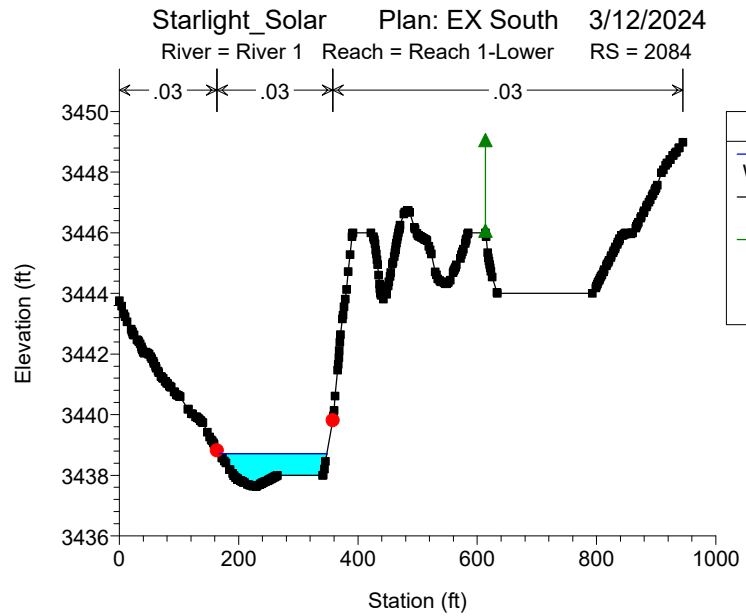
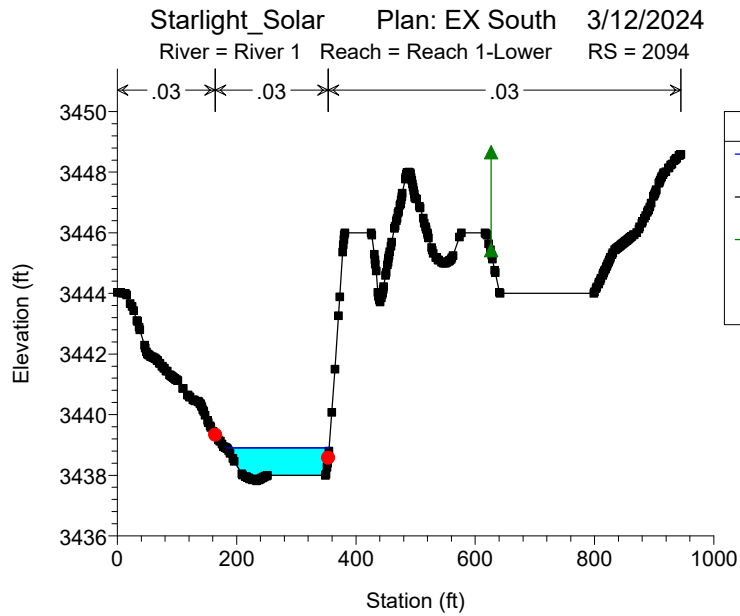
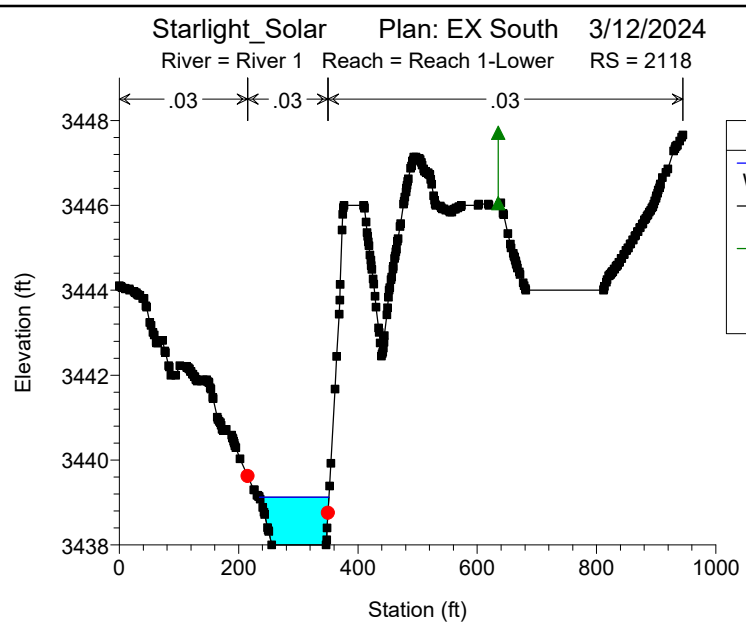
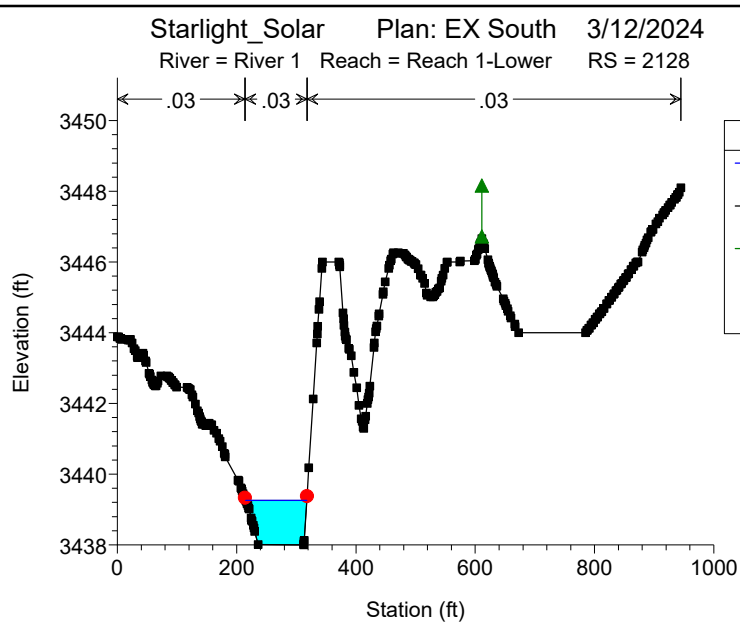


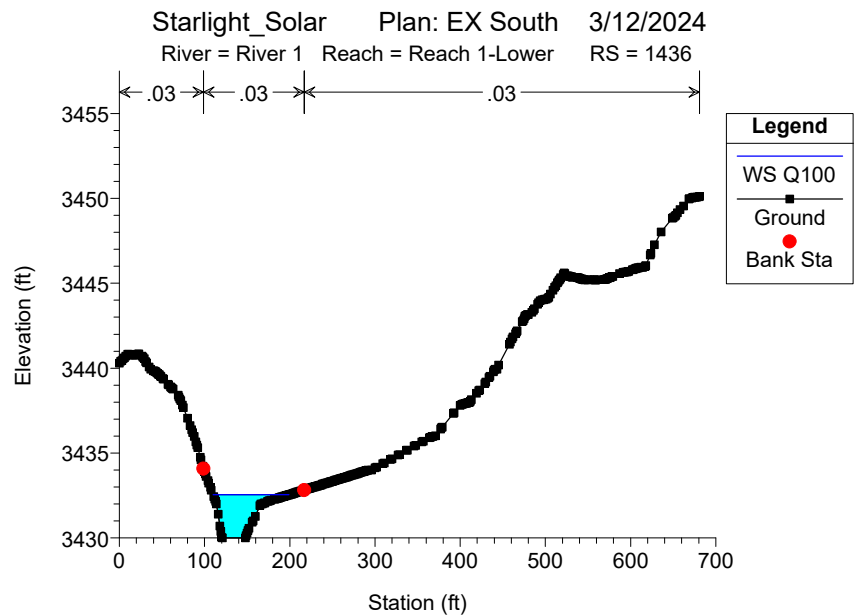
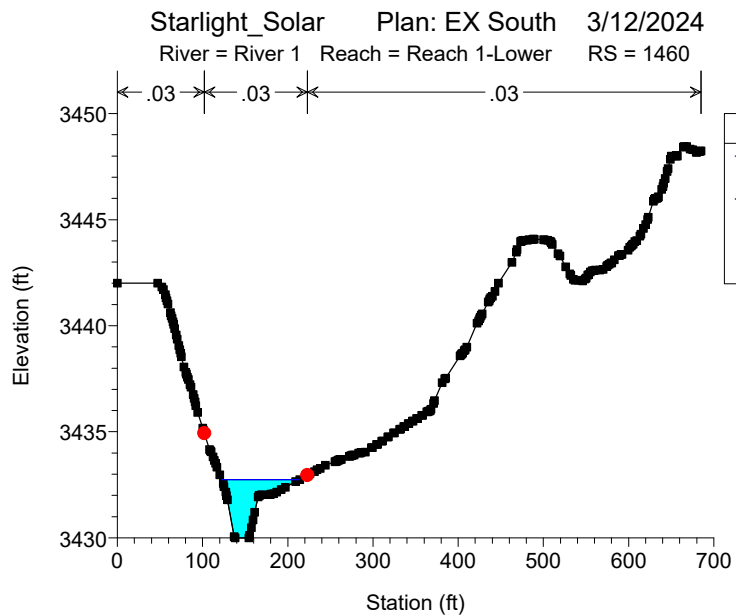
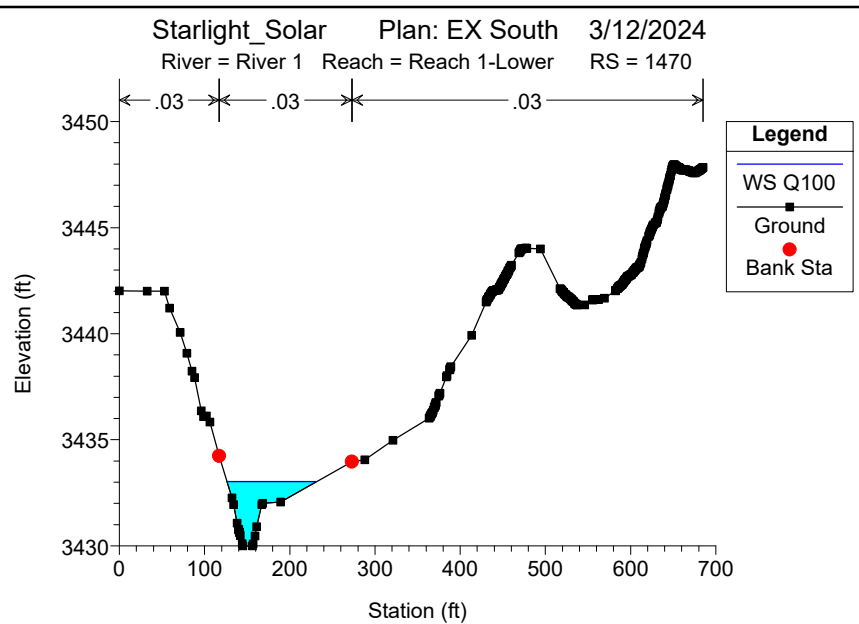
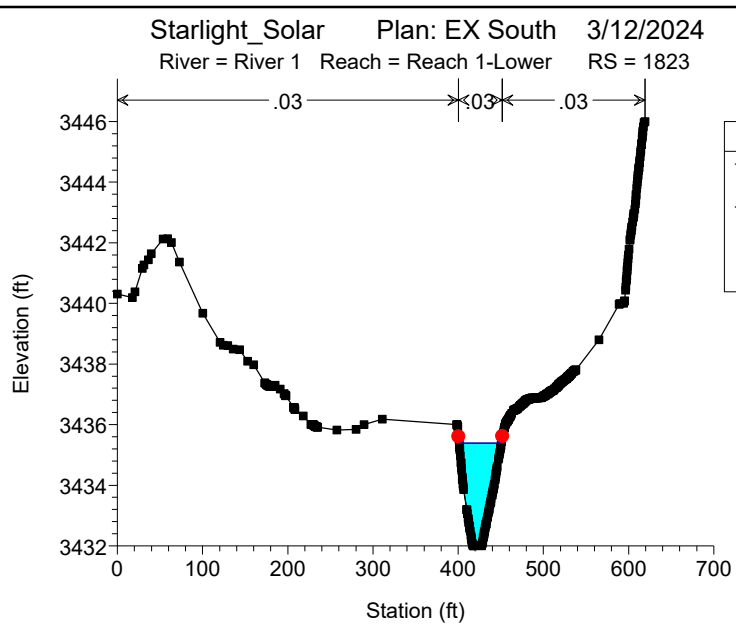


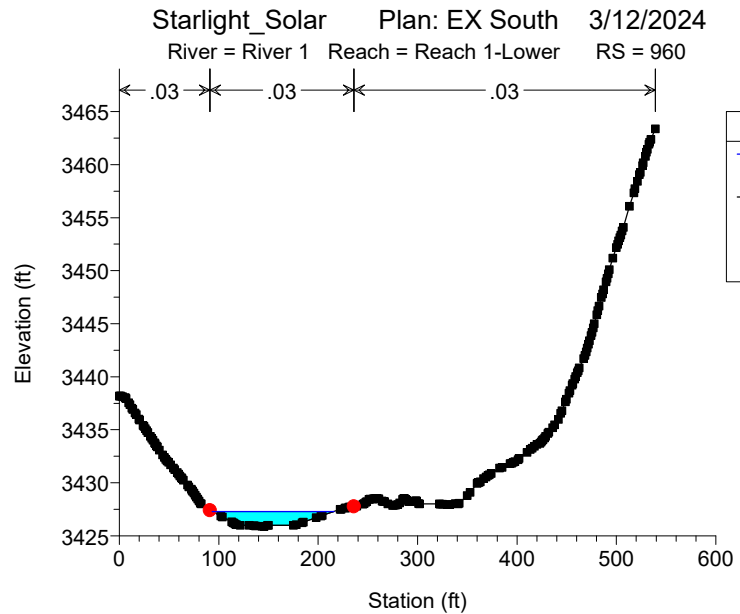
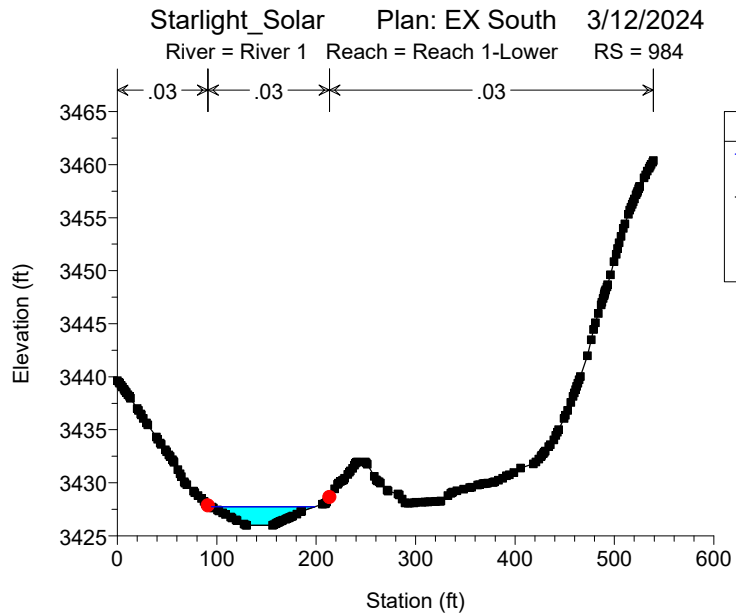
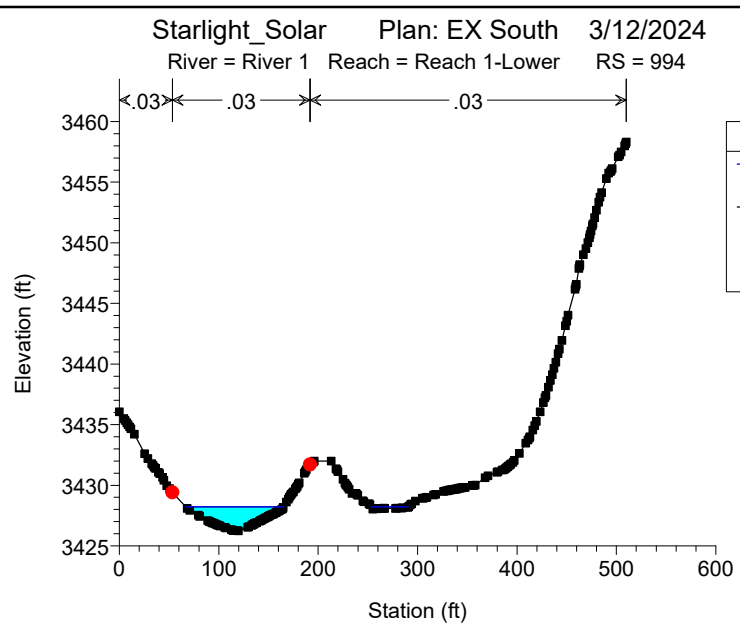
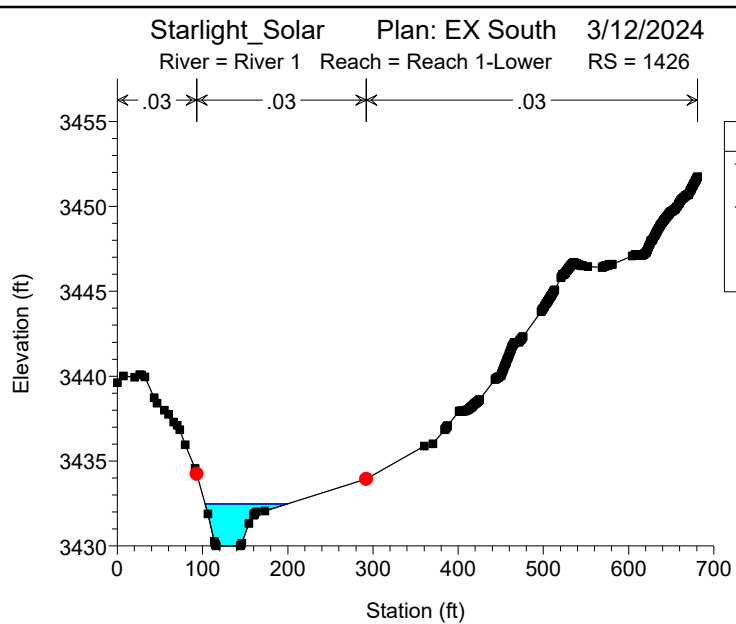


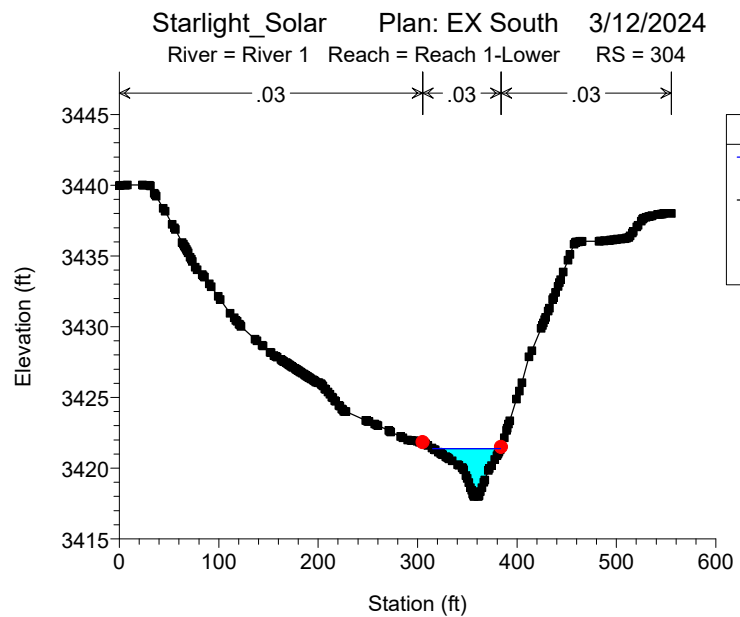
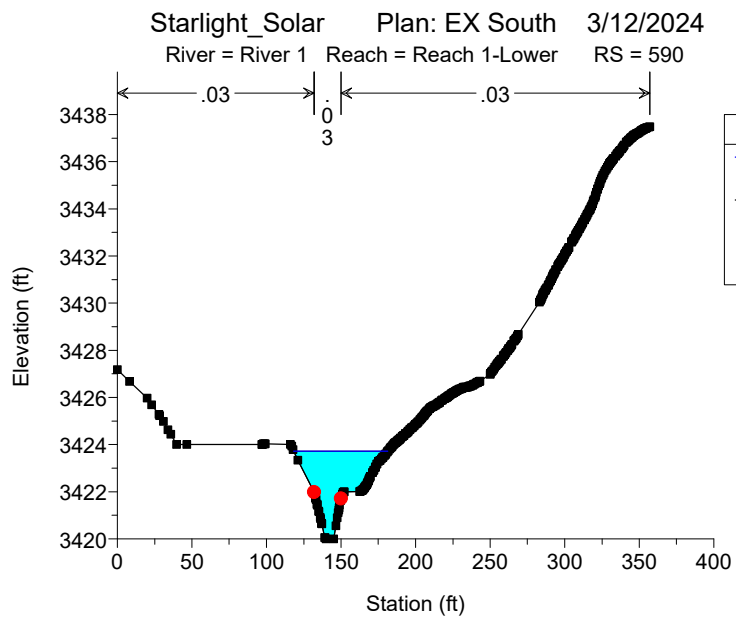
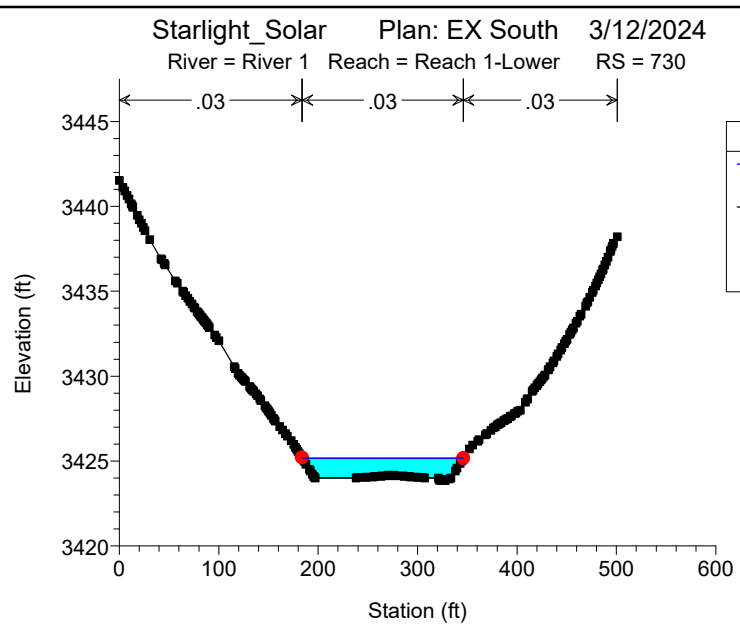
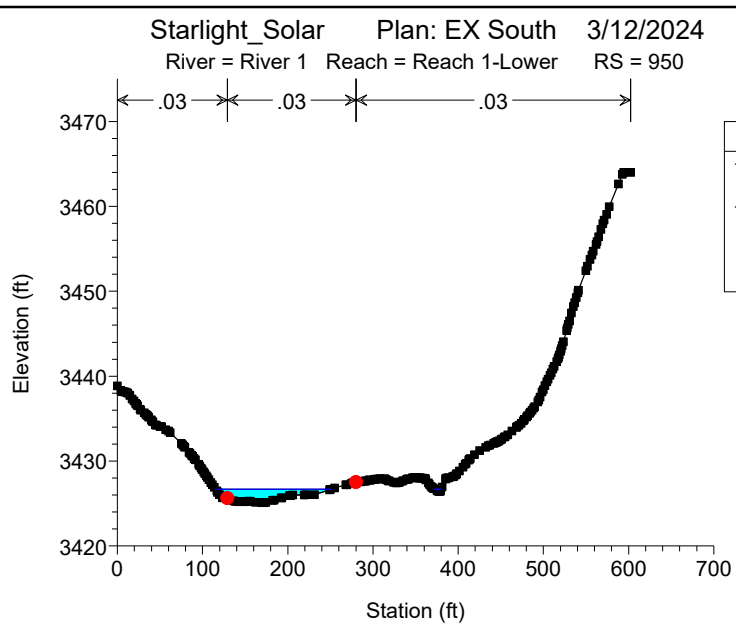


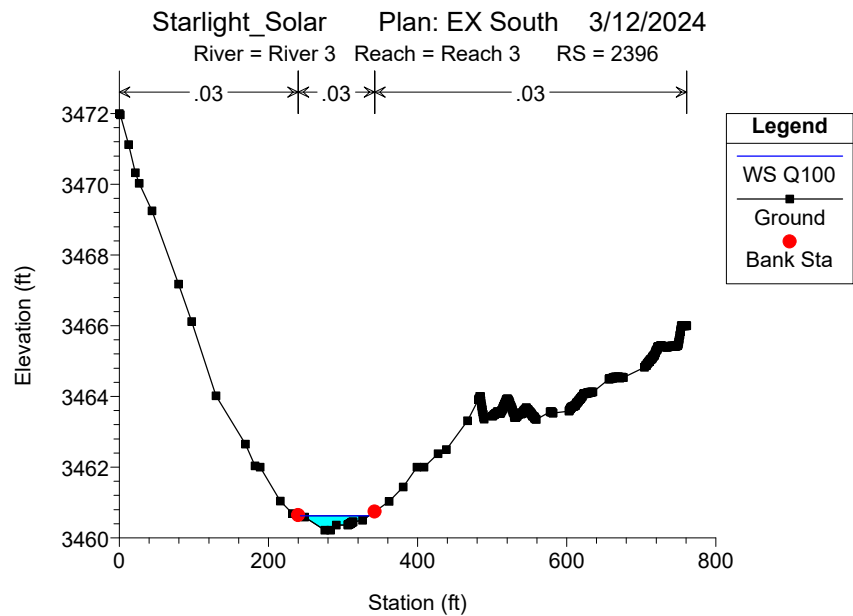
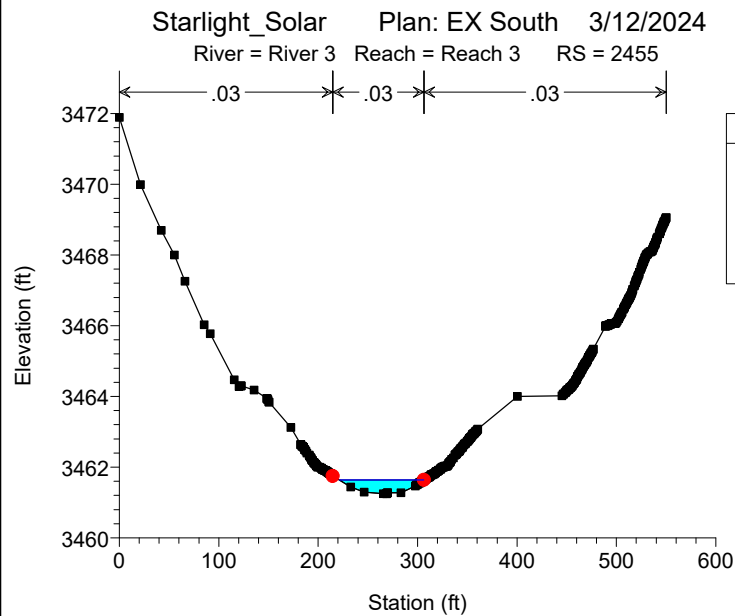
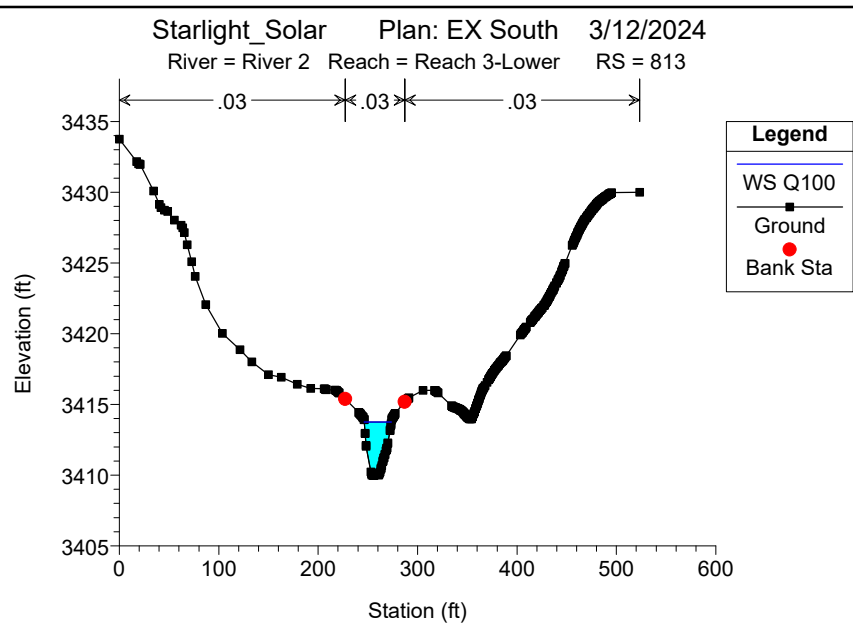
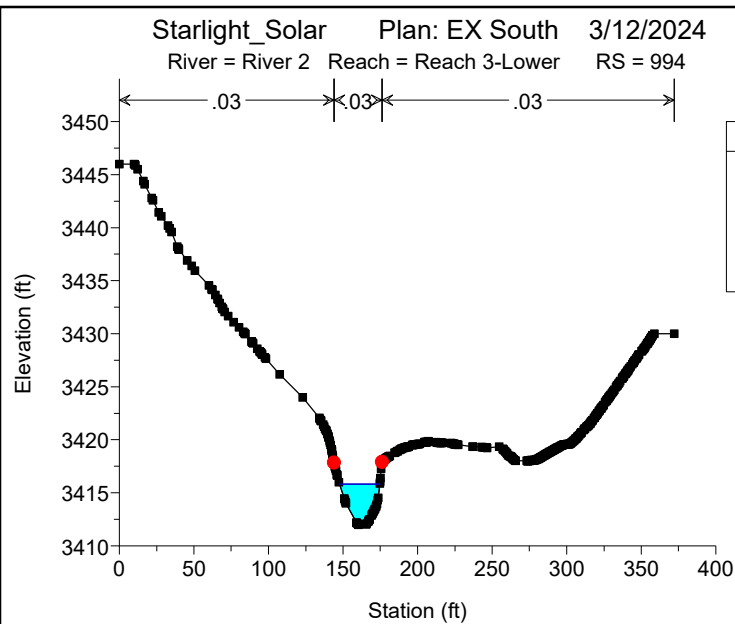




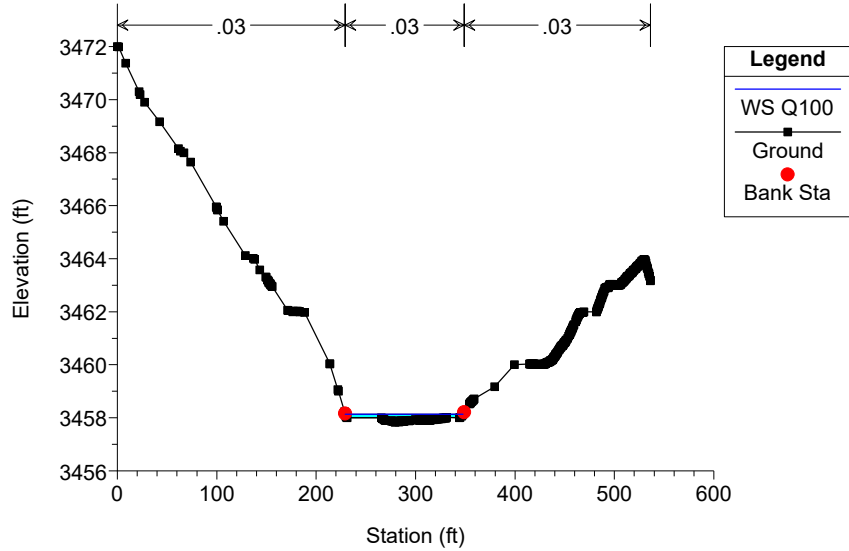




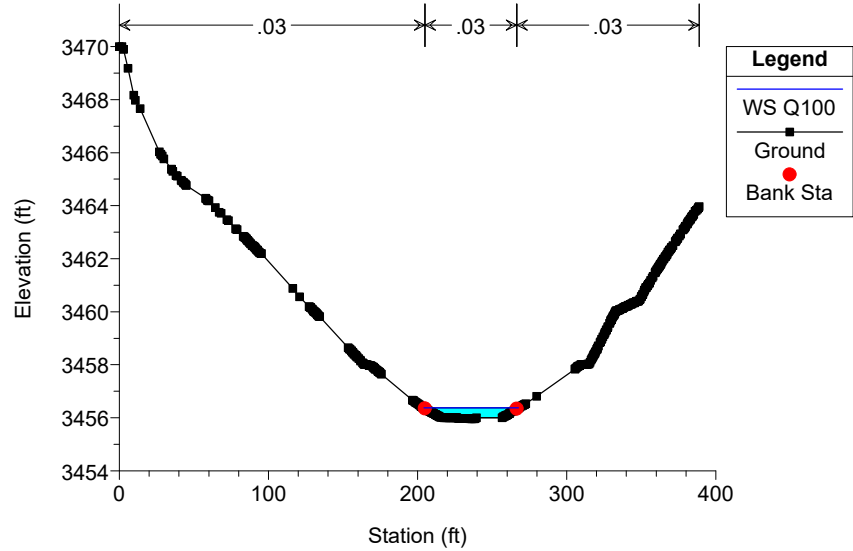




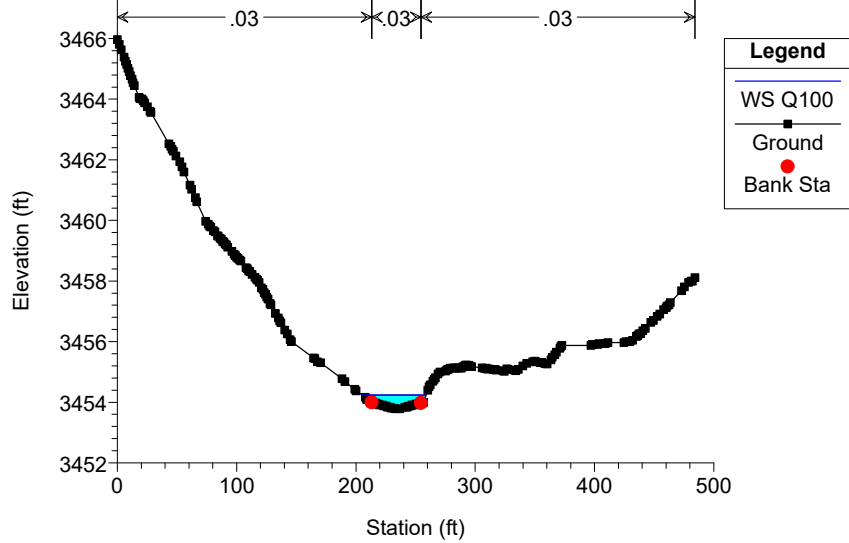
Starlight_Solar Plan: EX South 3/12/2024
River = River 3 Reach = Reach 3 RS = 2324



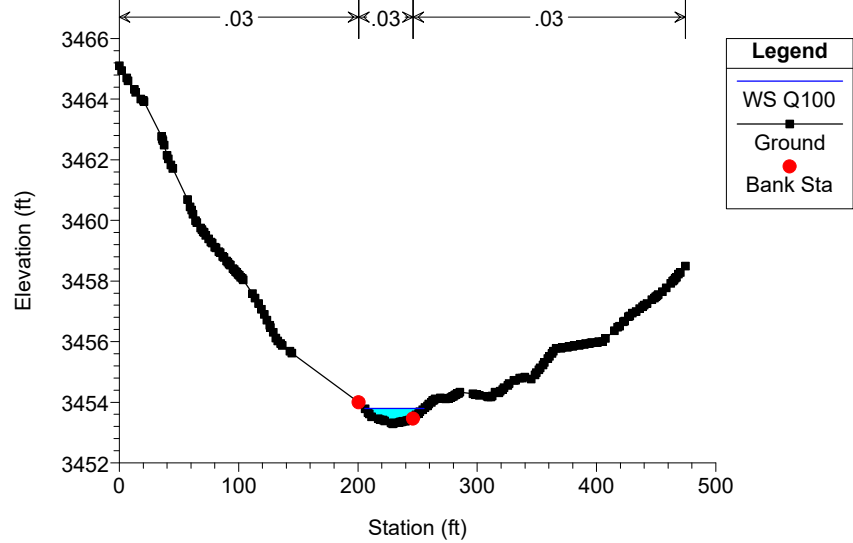
Starlight_Solar Plan: EX South 3/12/2024
River = River 3 Reach = Reach 3 RS = 2233

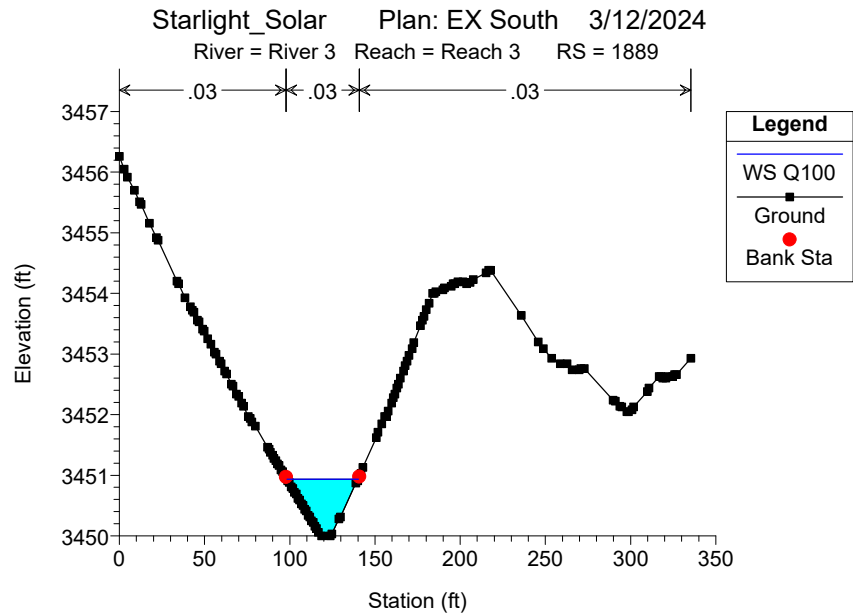
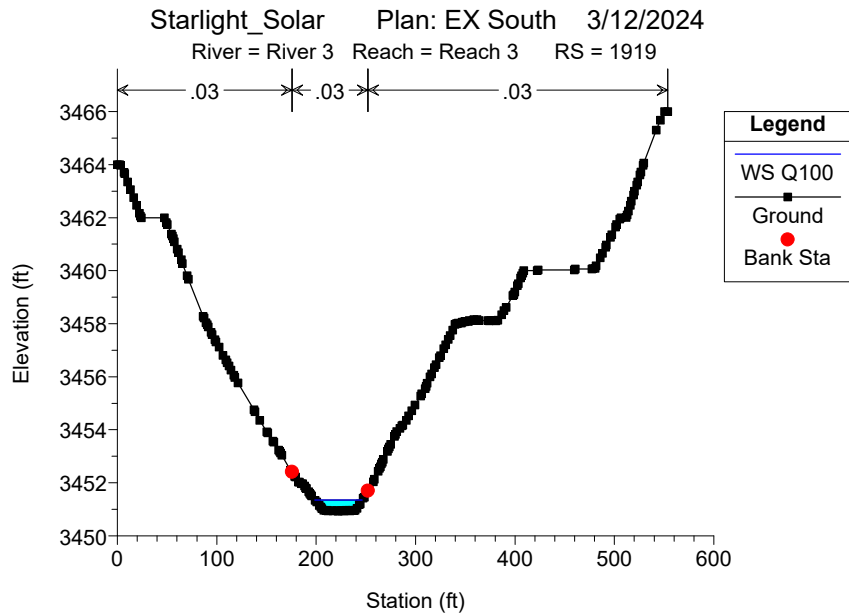
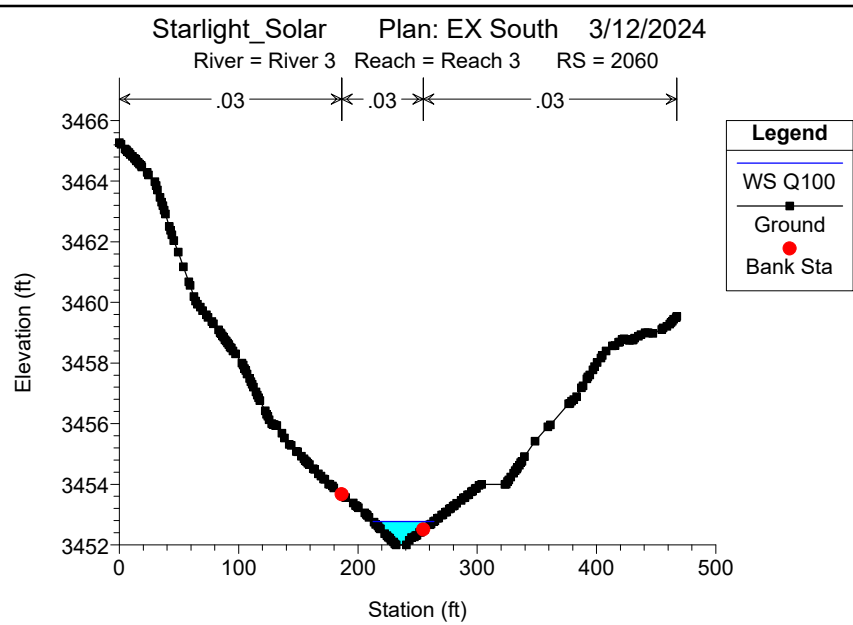
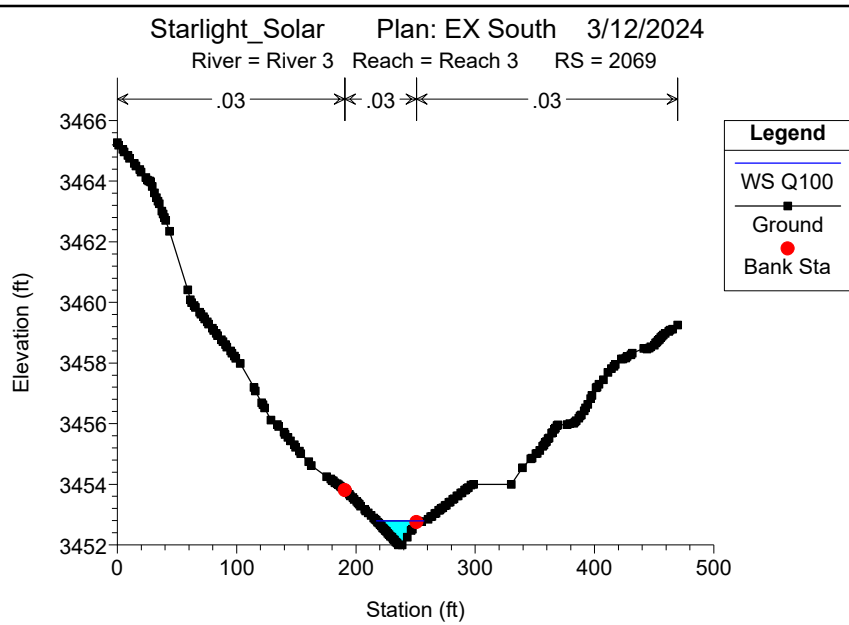


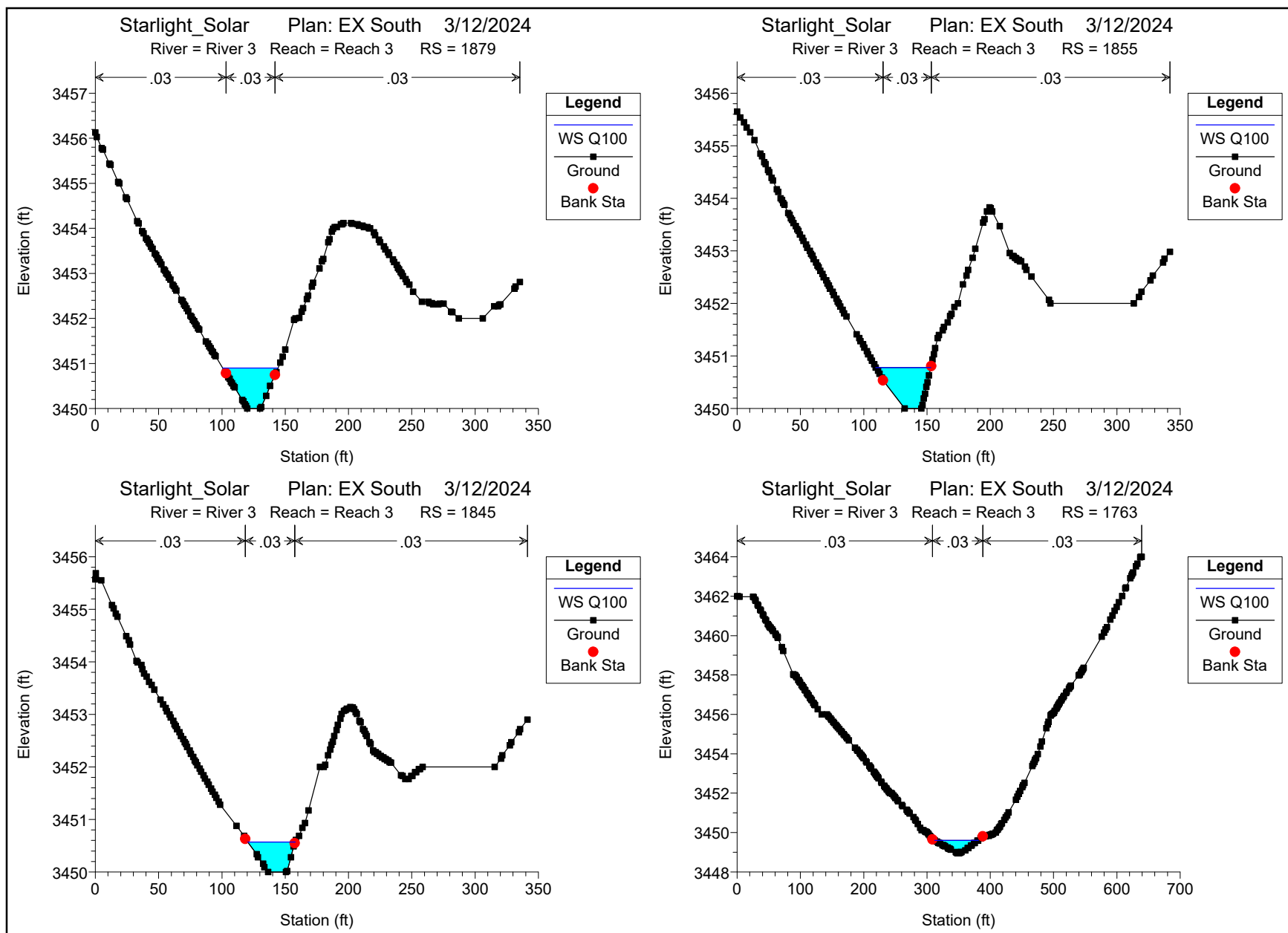
Starlight_Solar Plan: EX South 3/12/2024
River = River 3 Reach = Reach 3 RS = 2095

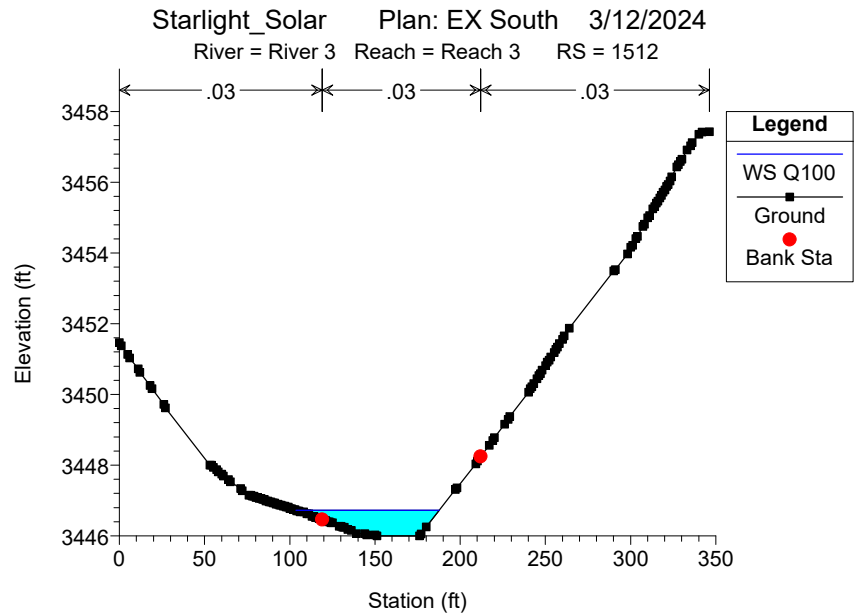
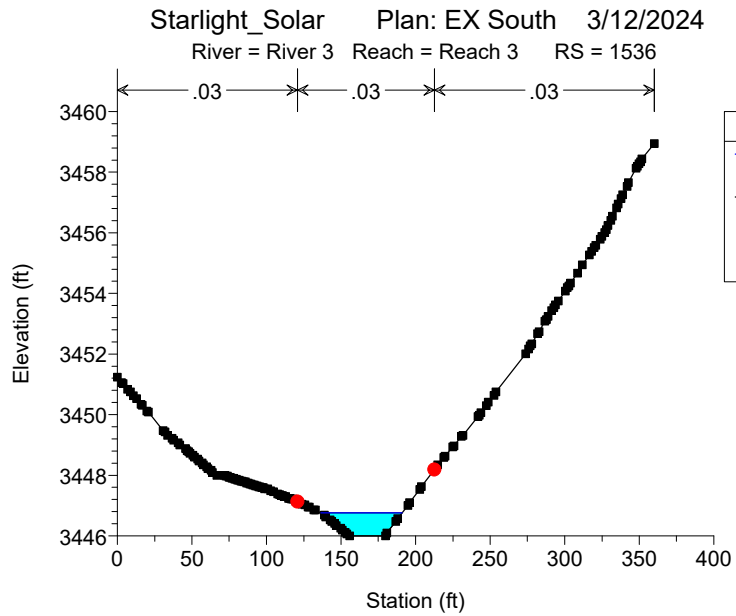
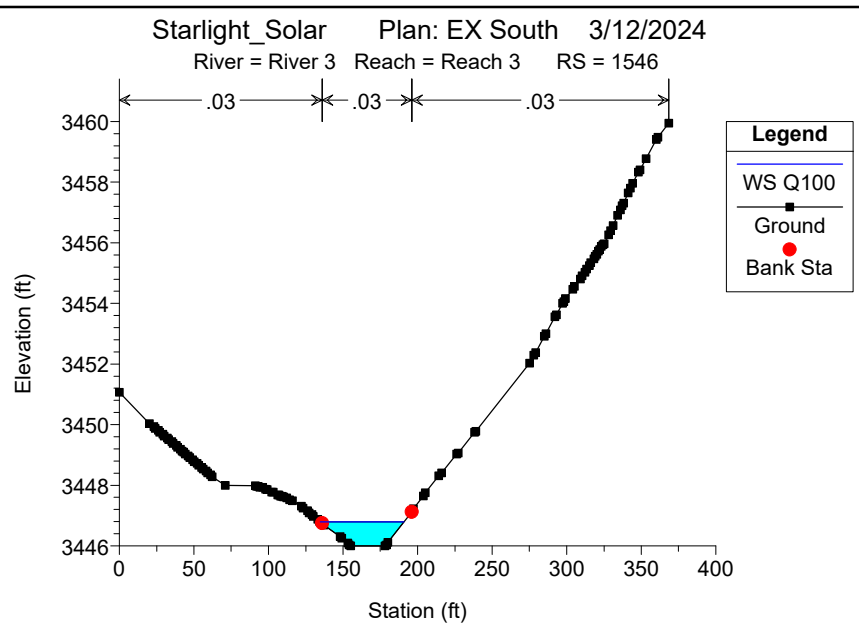
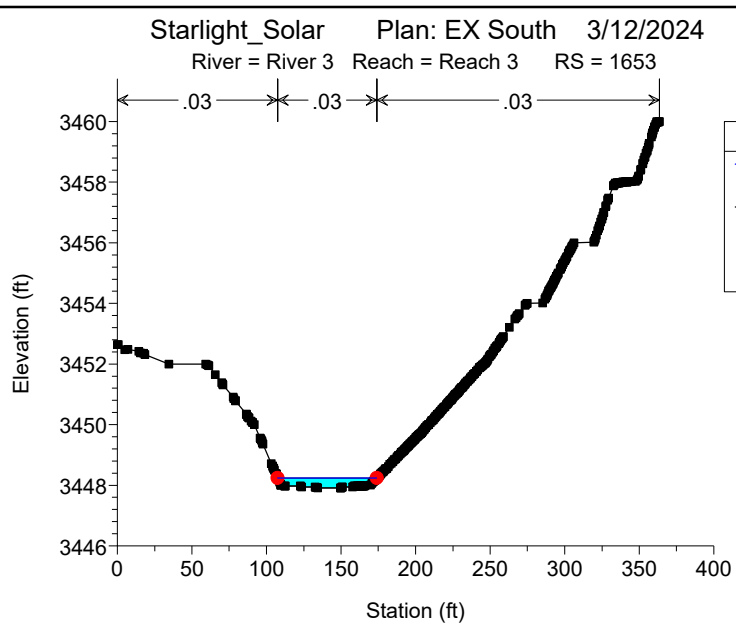


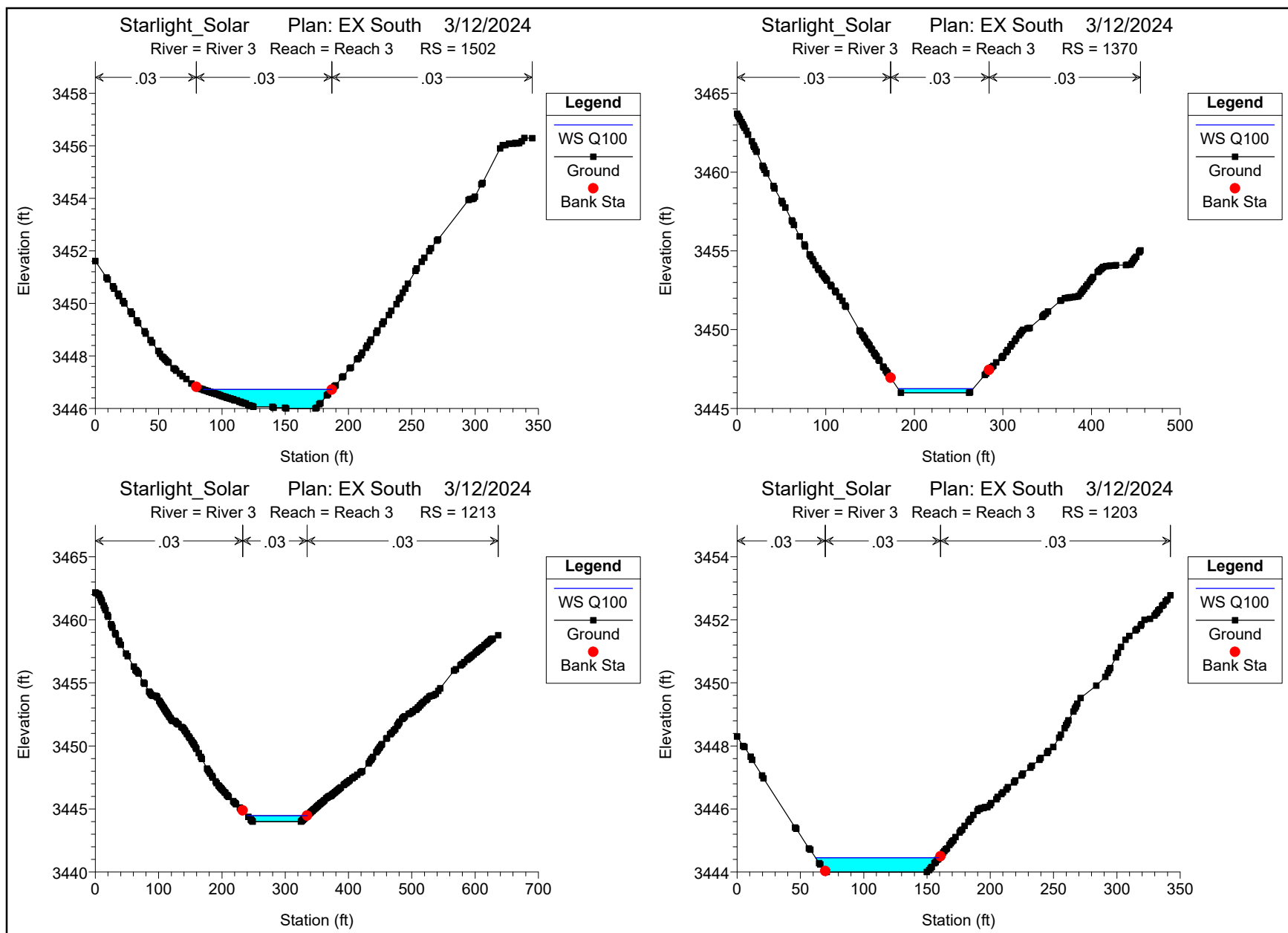
Starlight_Solar Plan: EX South 3/12/2024
River = River 3 Reach = Reach 3 RS = 2087

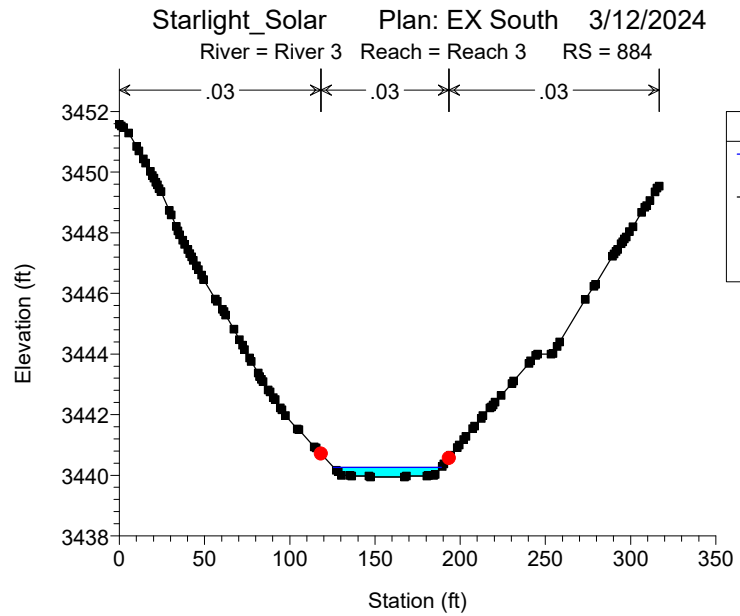
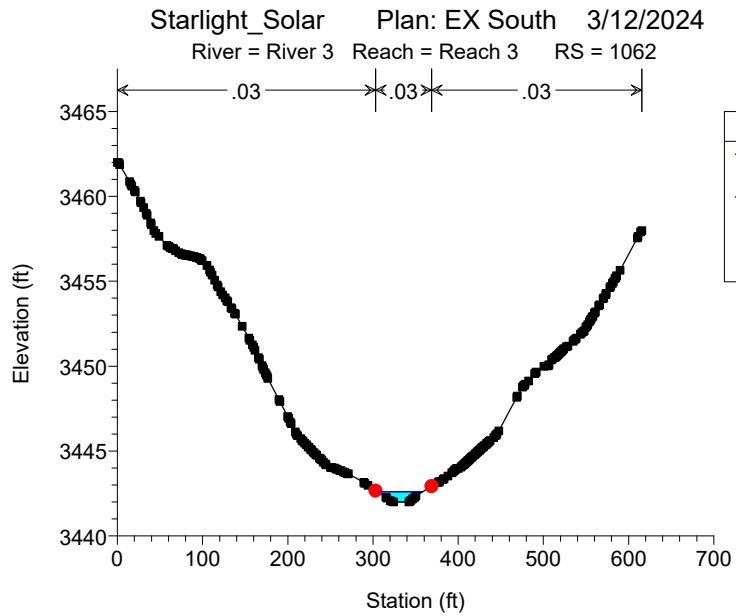
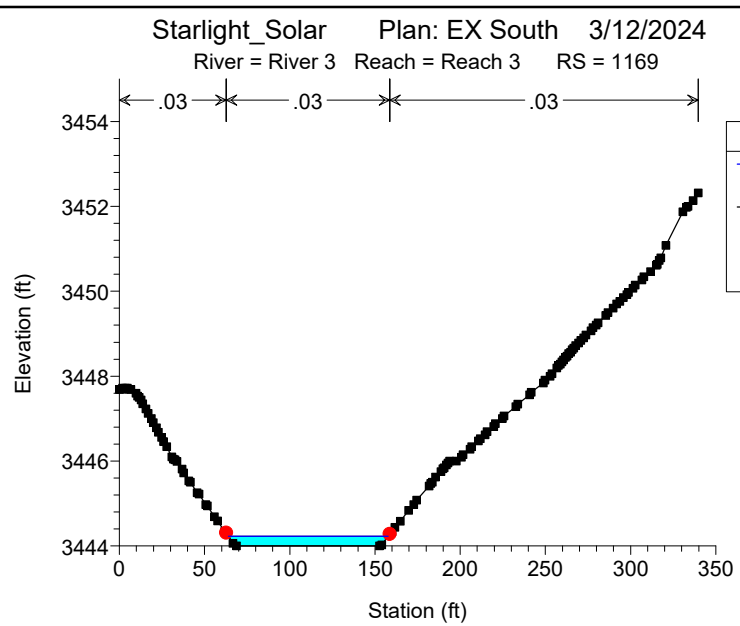
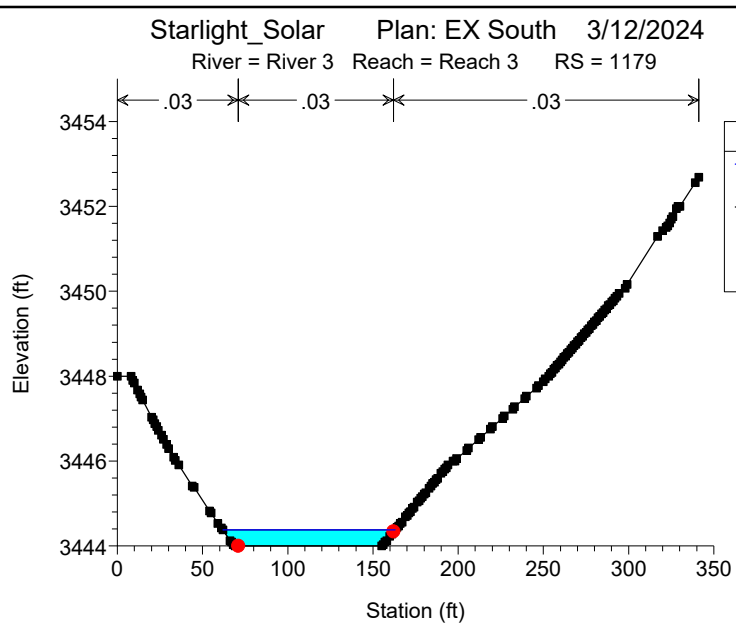


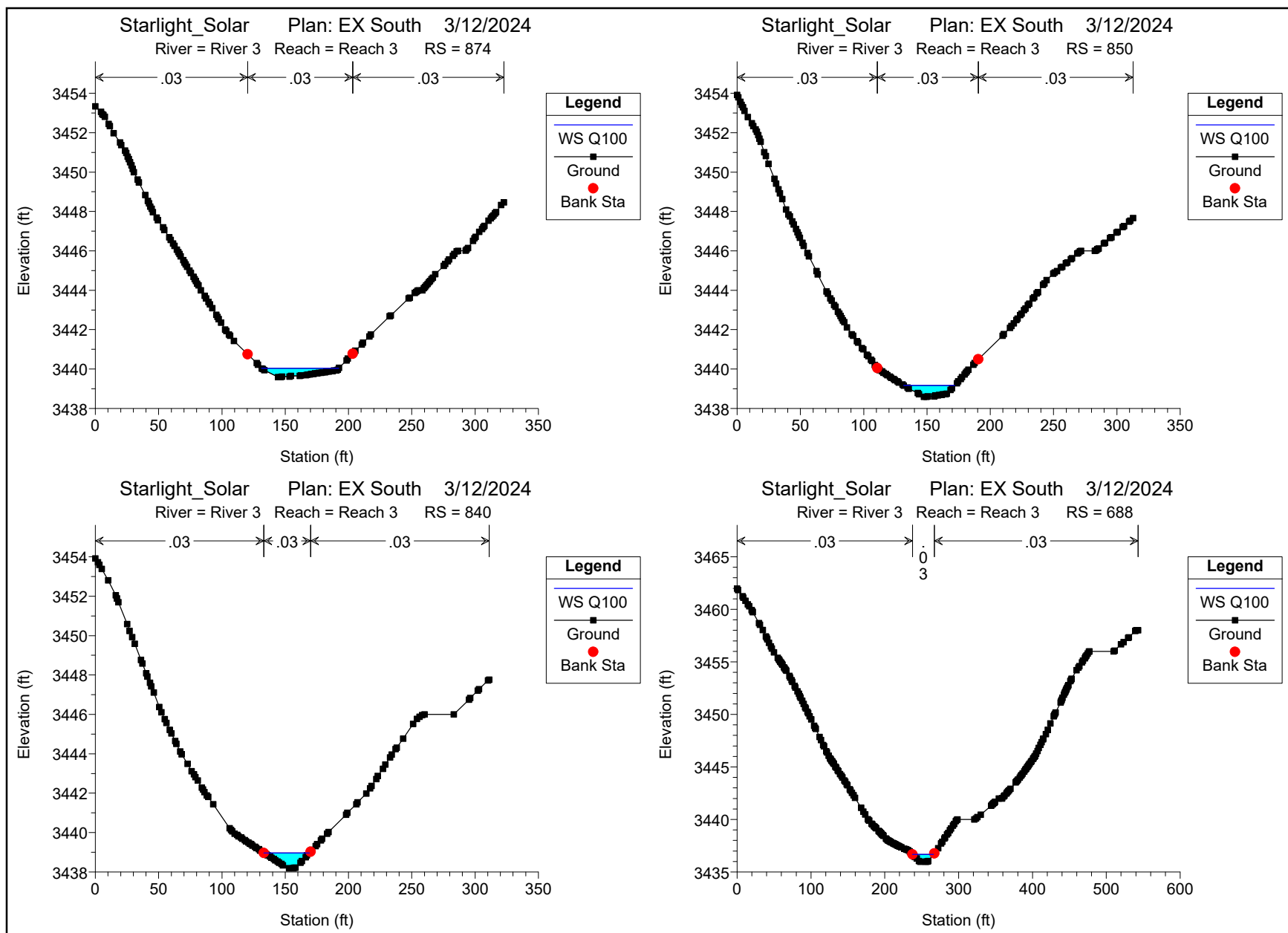


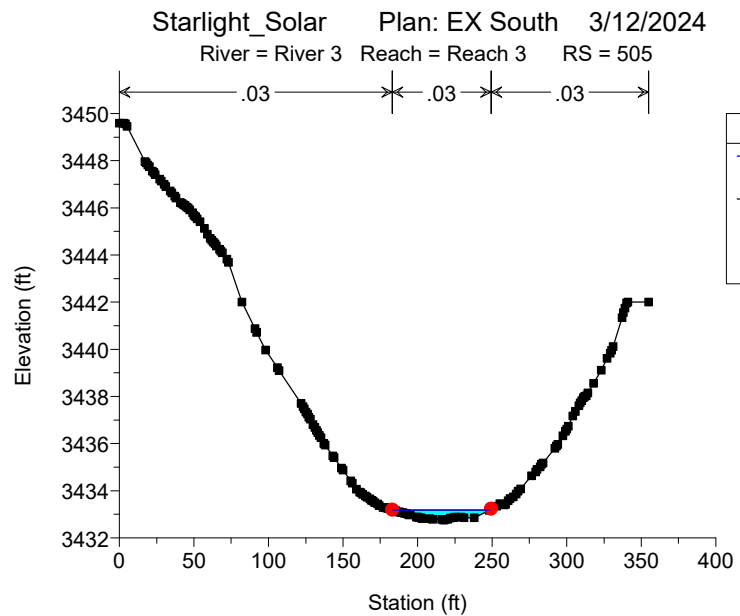
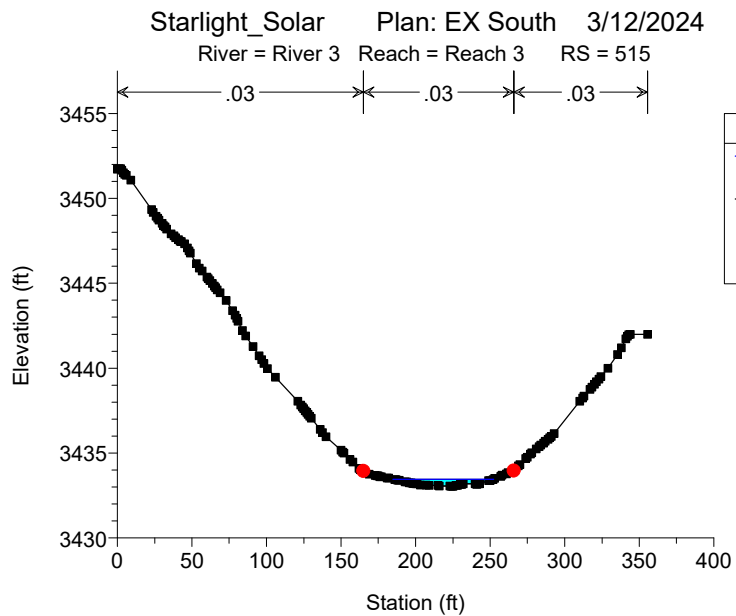
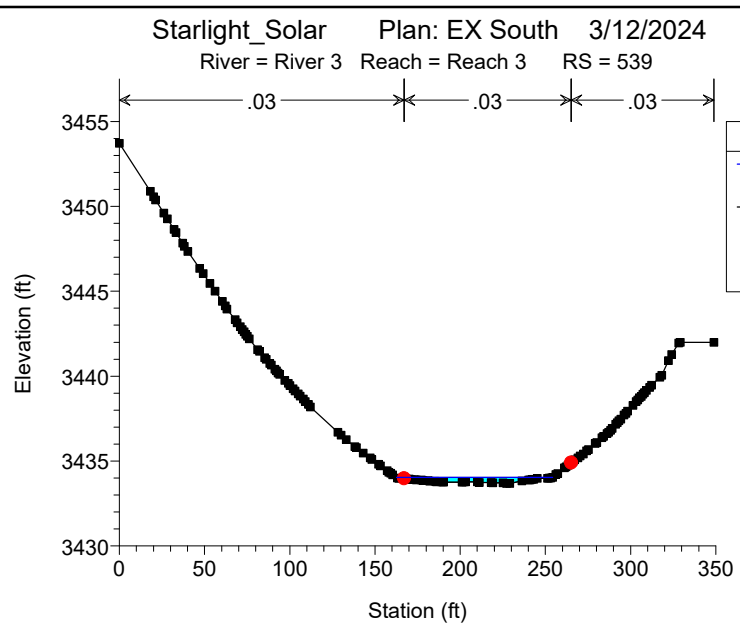
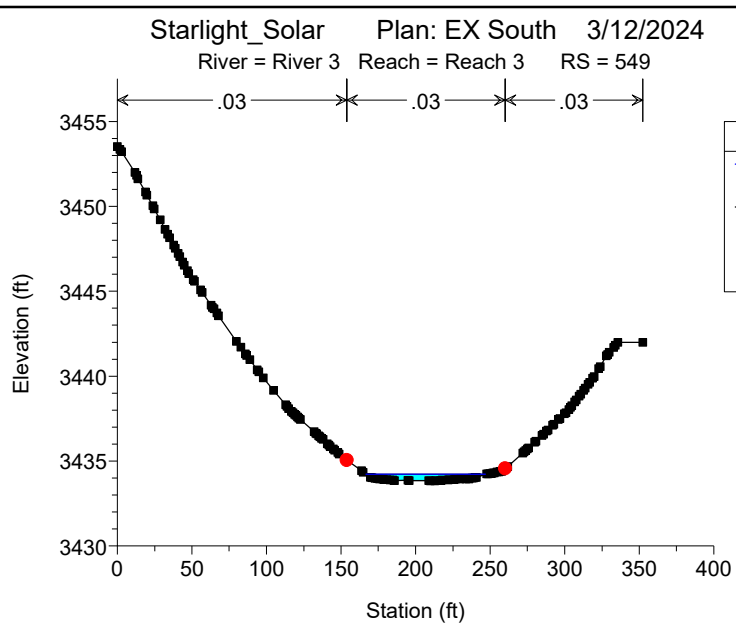


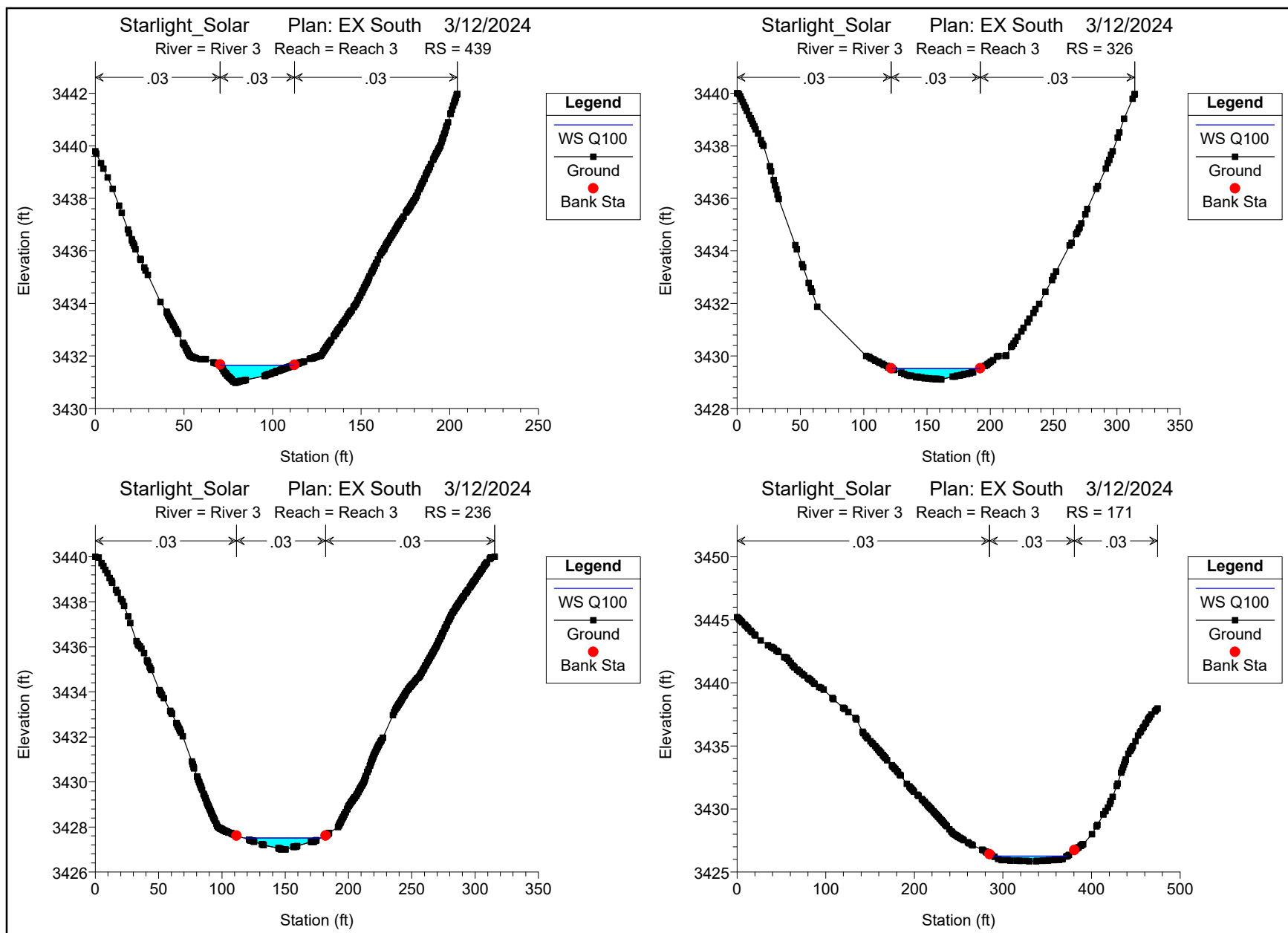


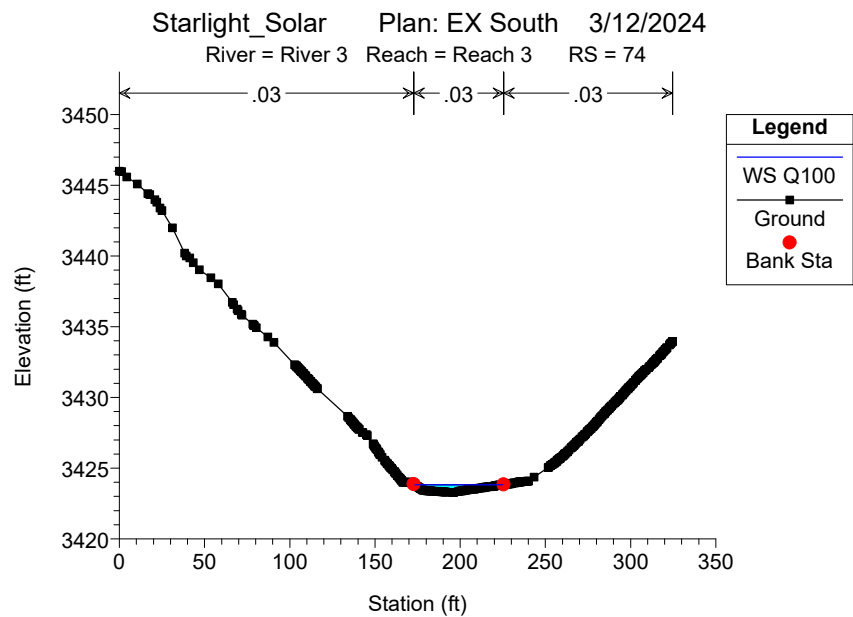
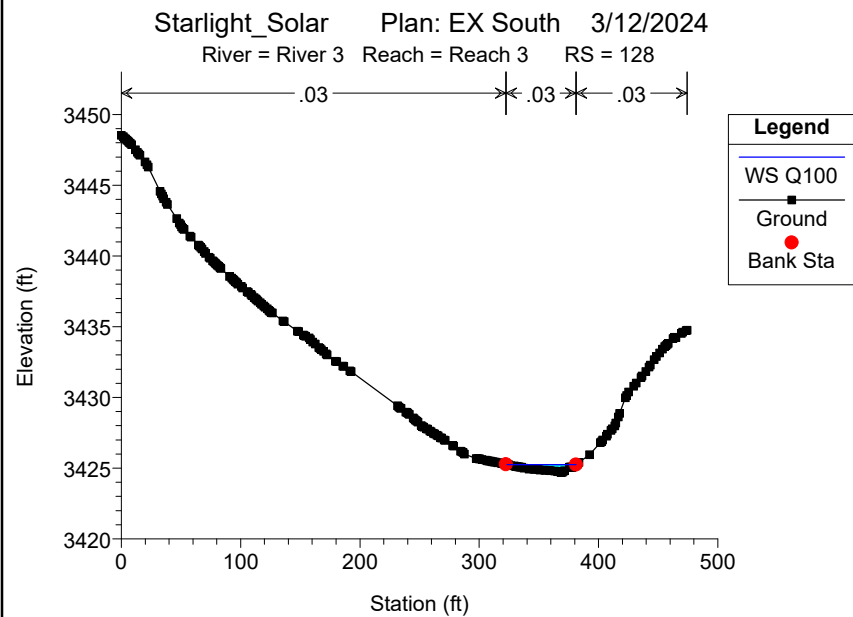
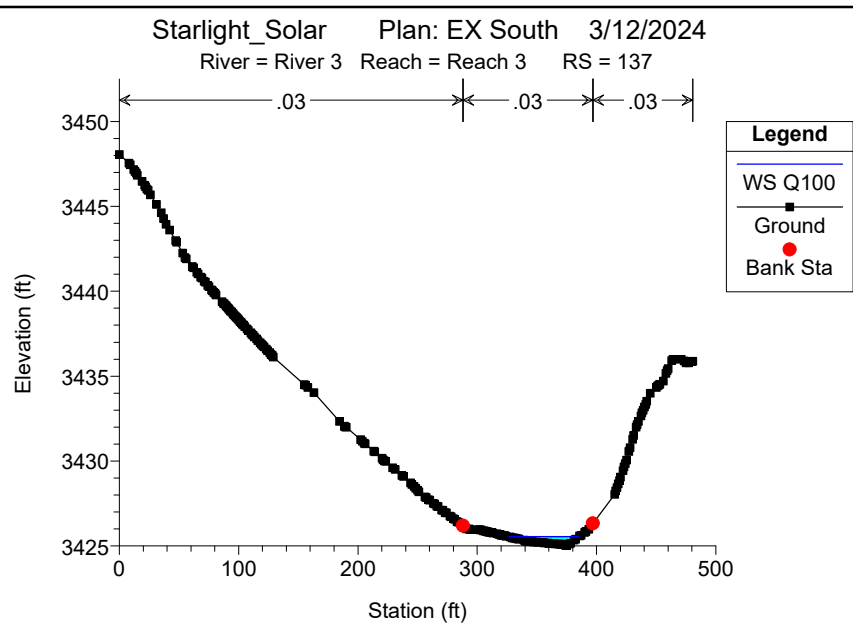
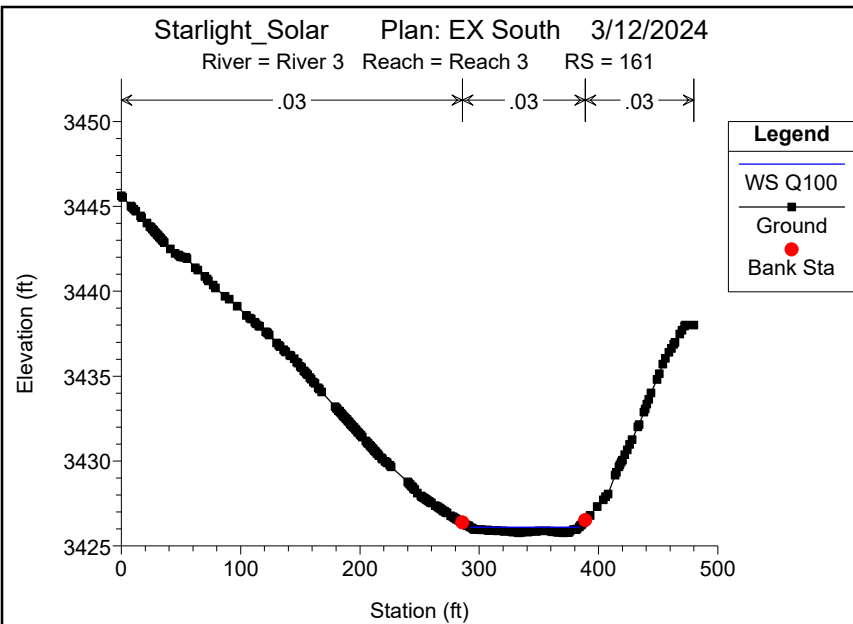


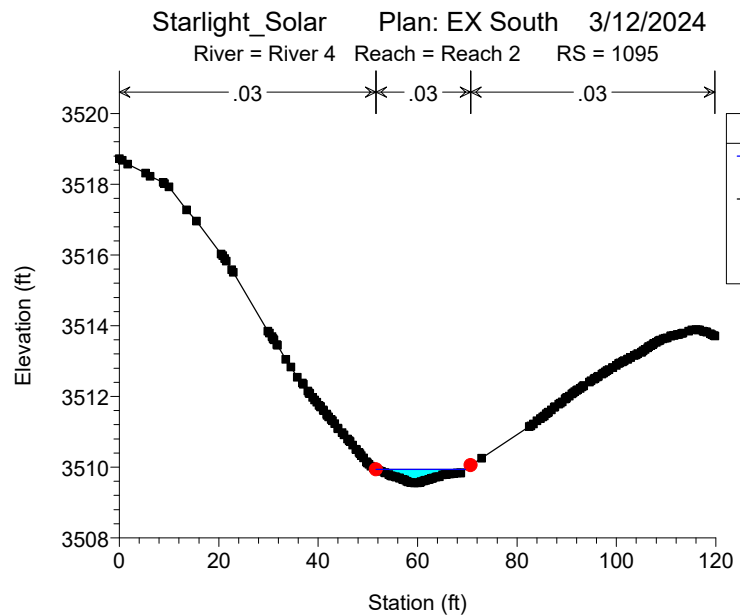
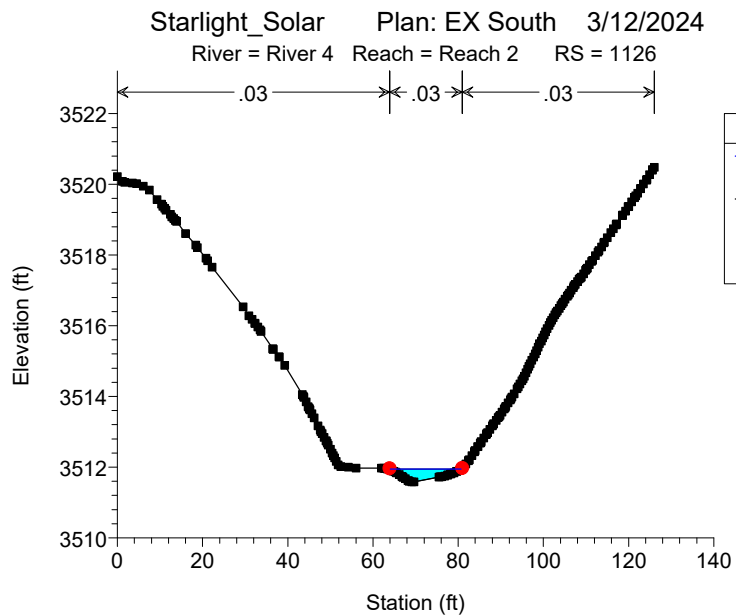
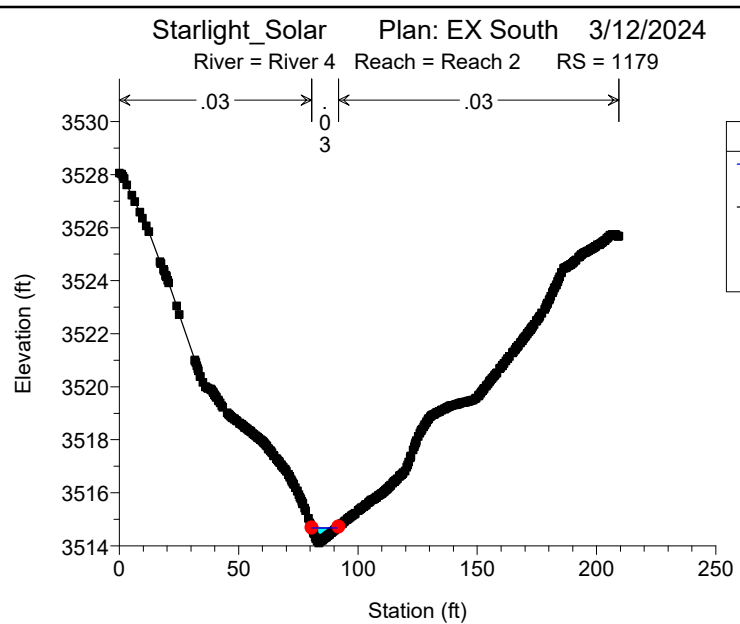
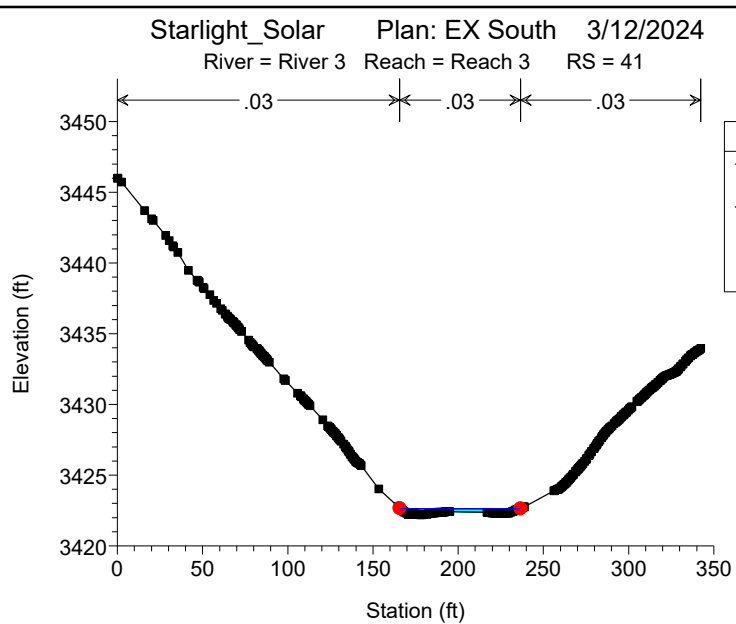


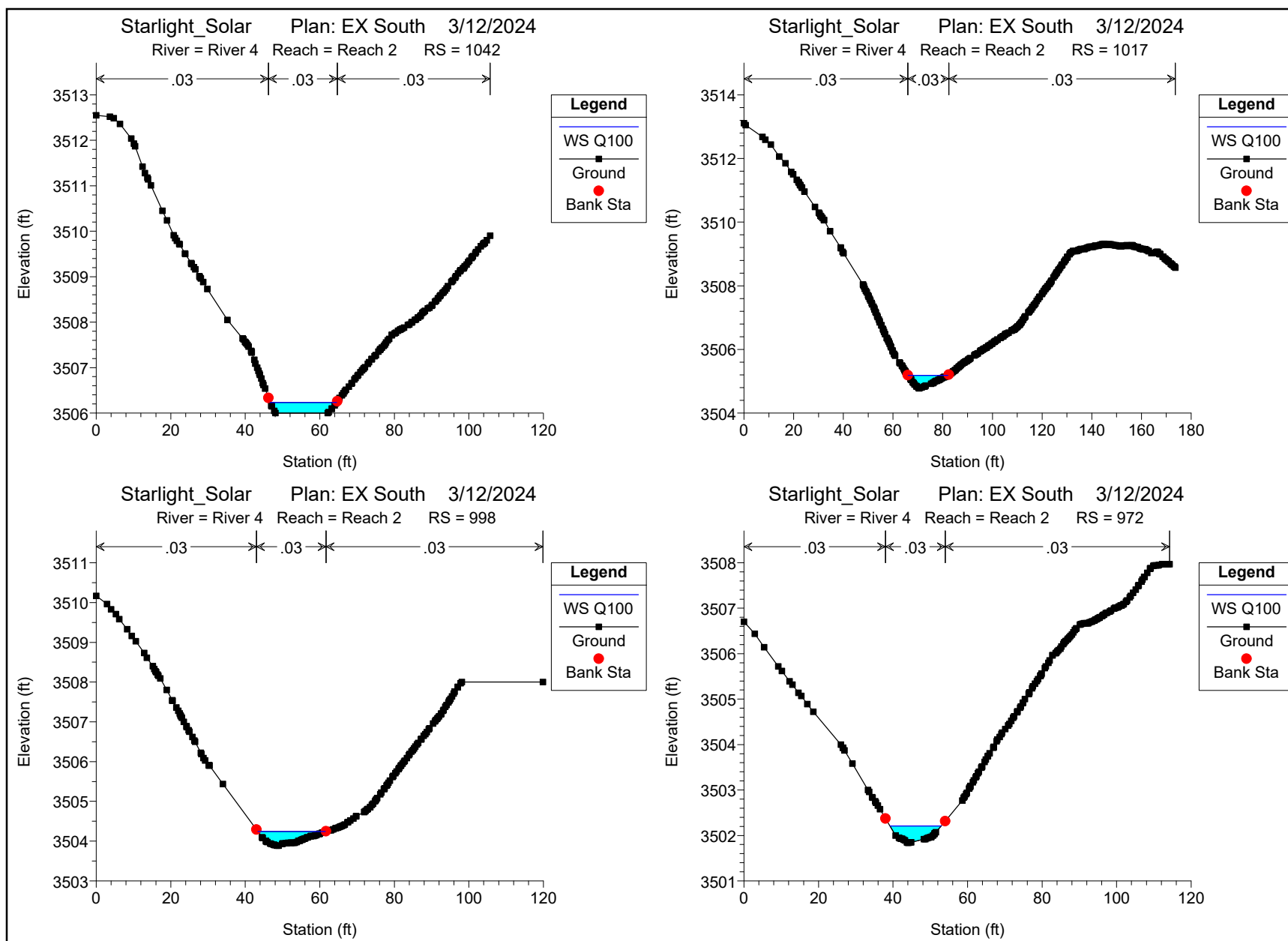


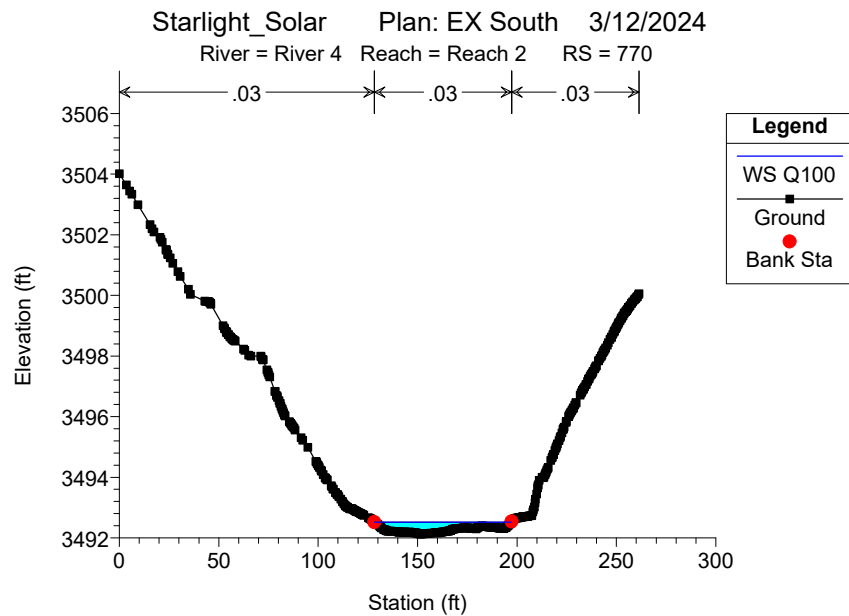
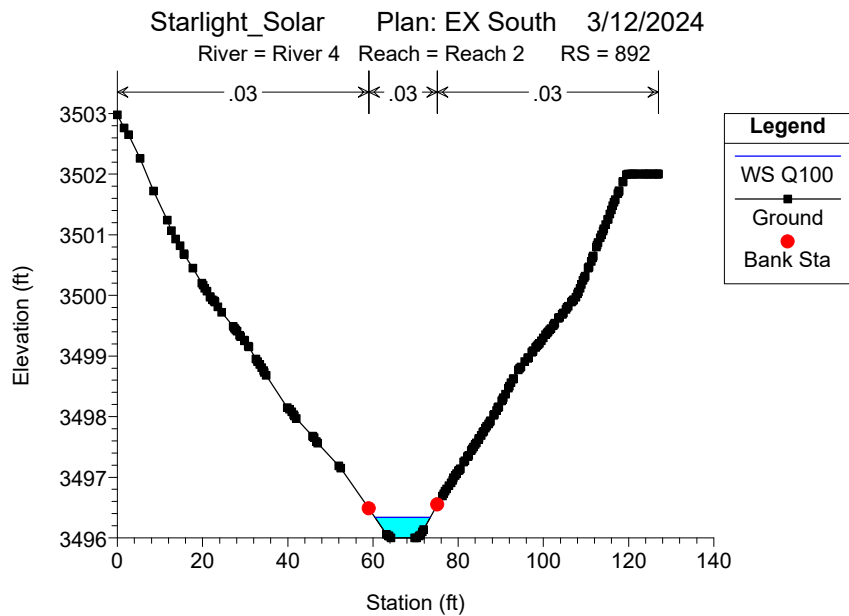
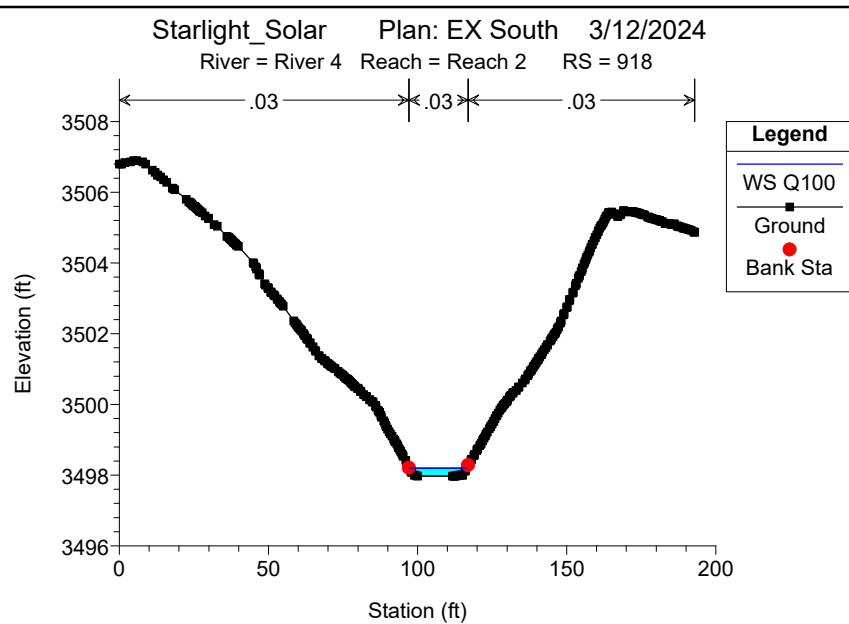
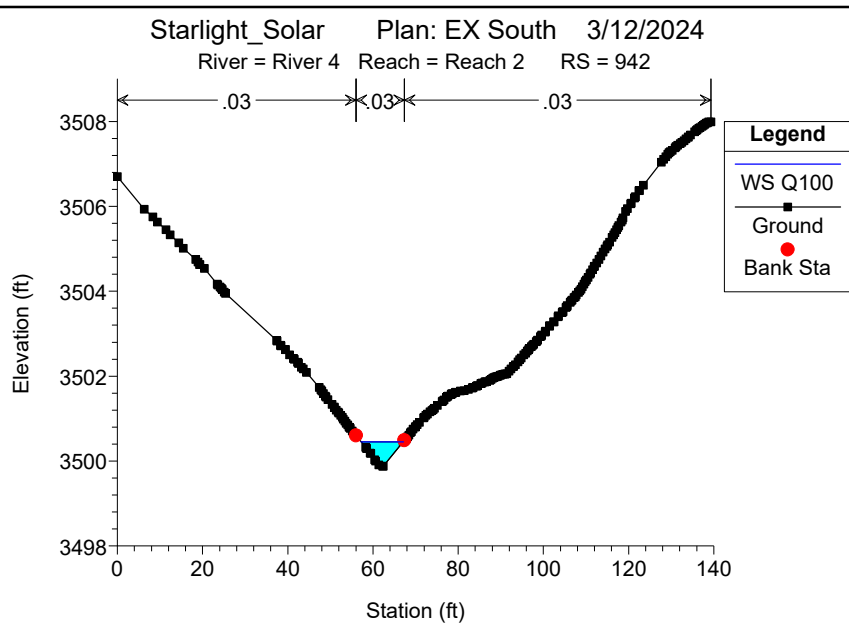


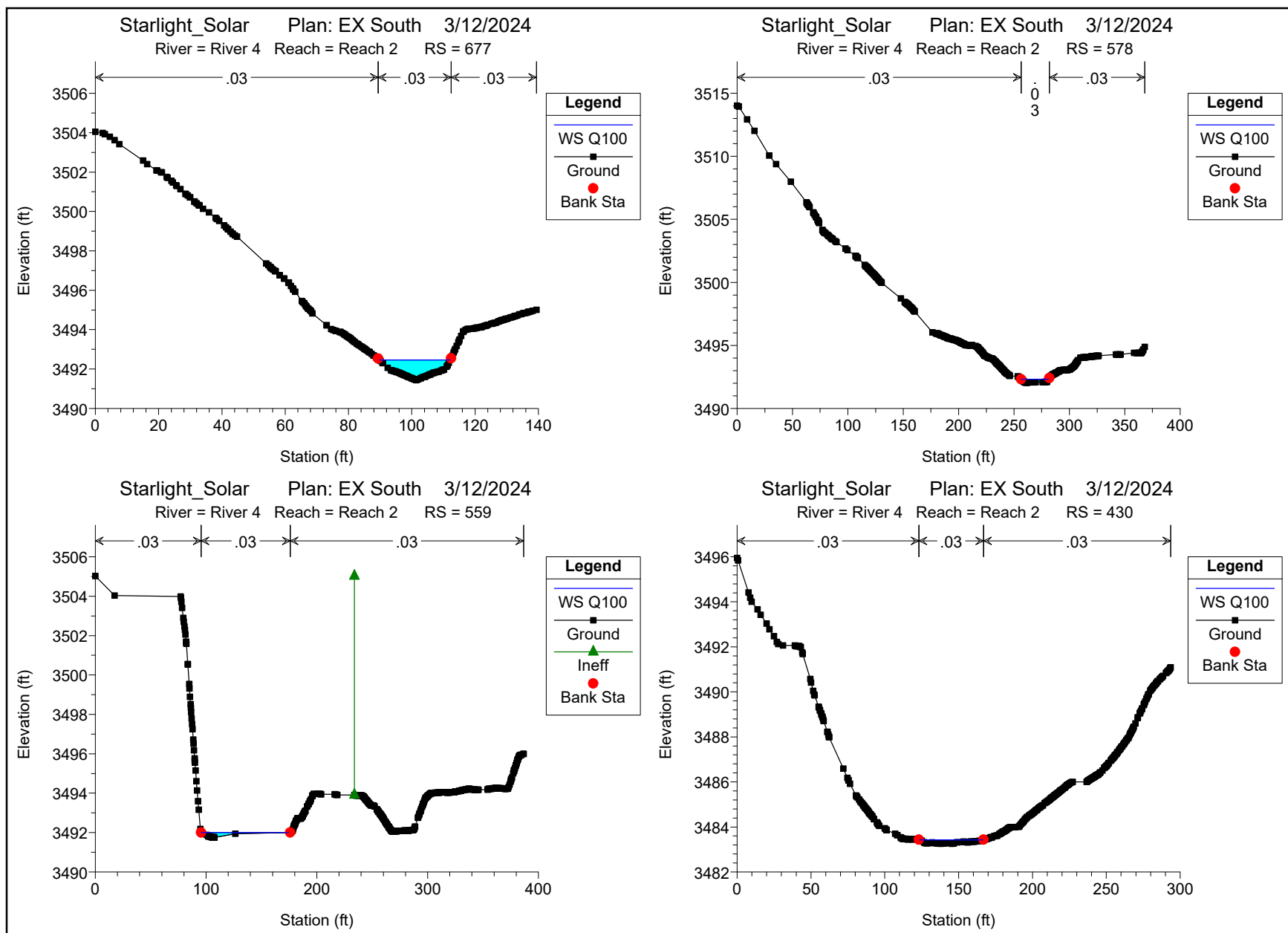


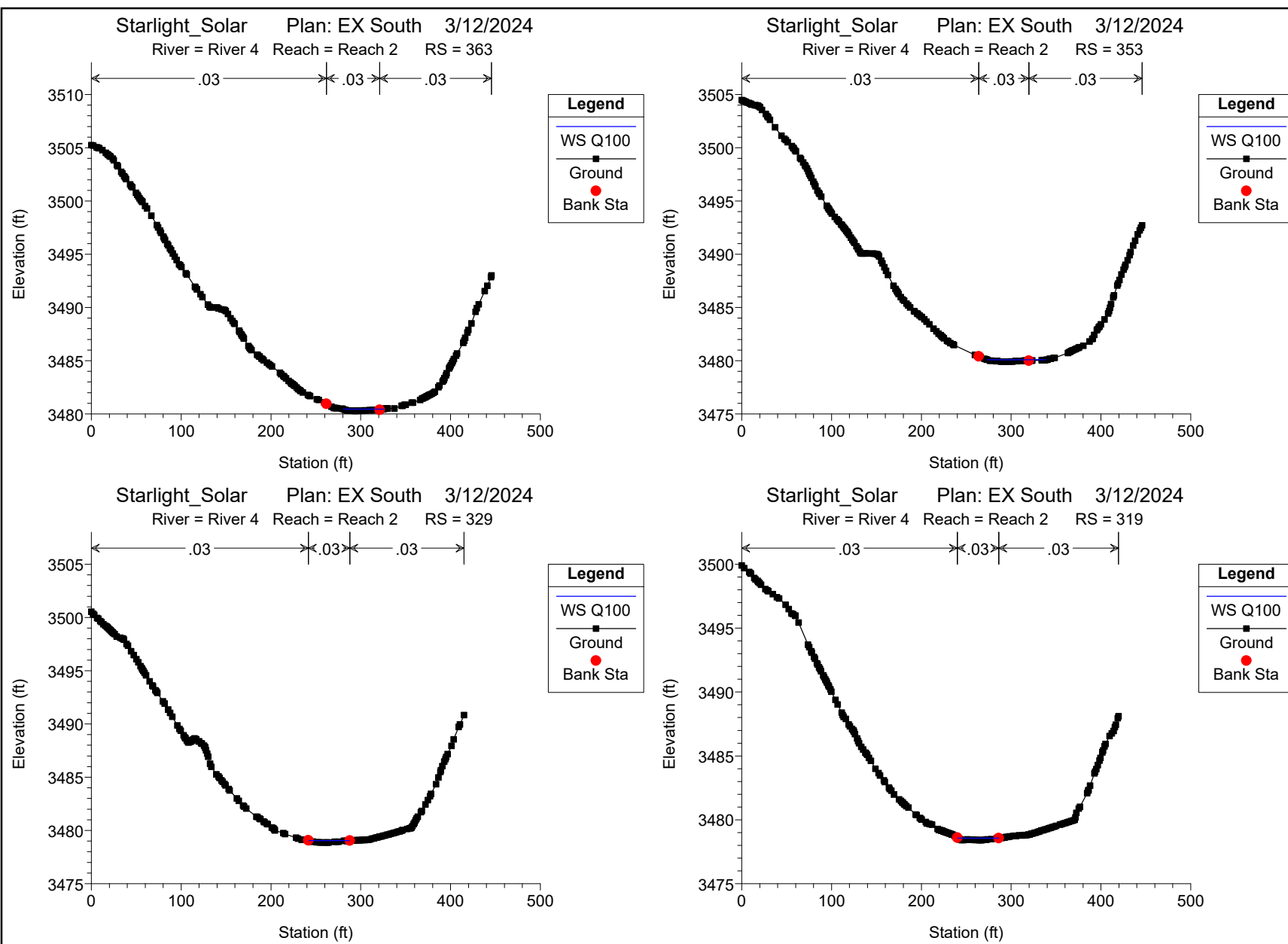


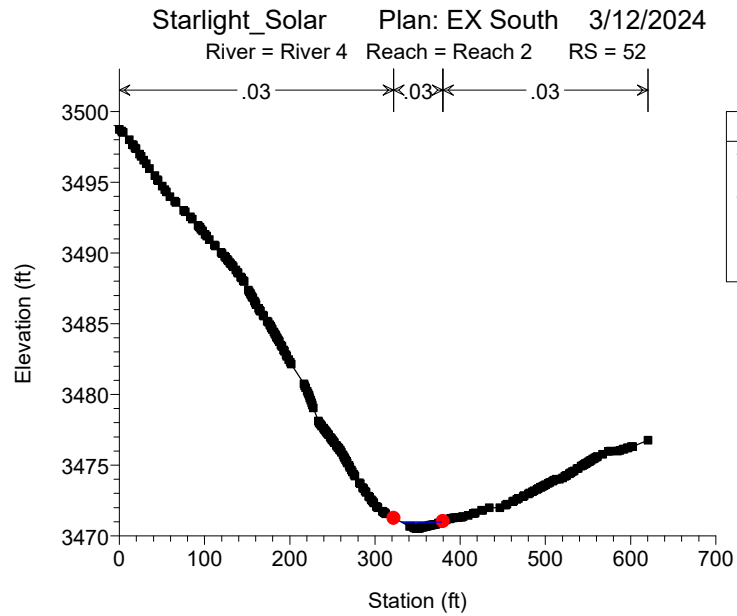
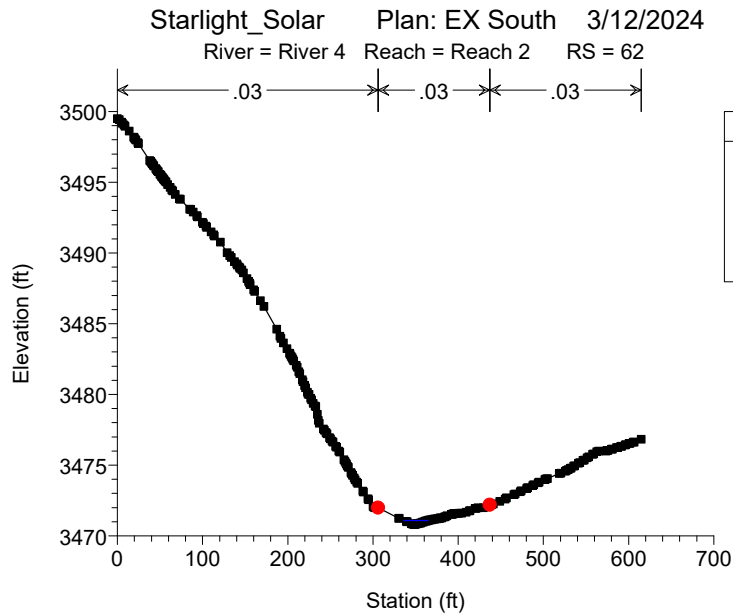
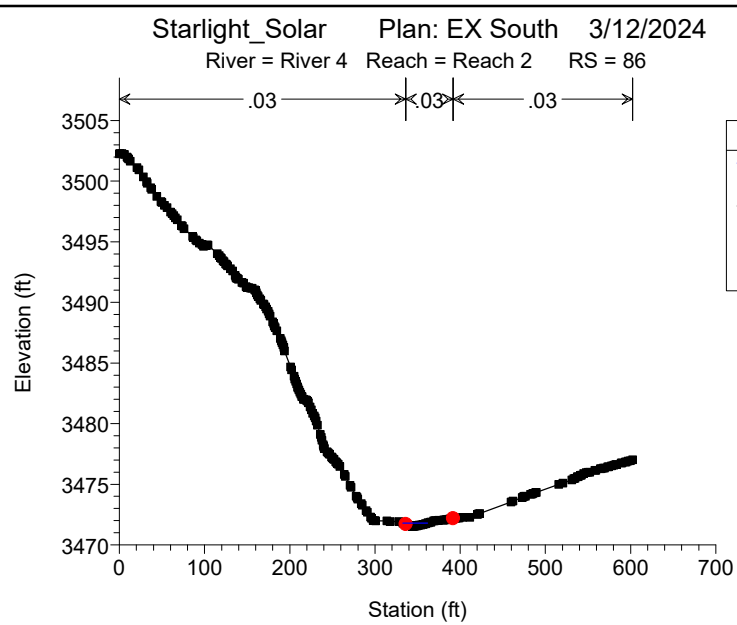
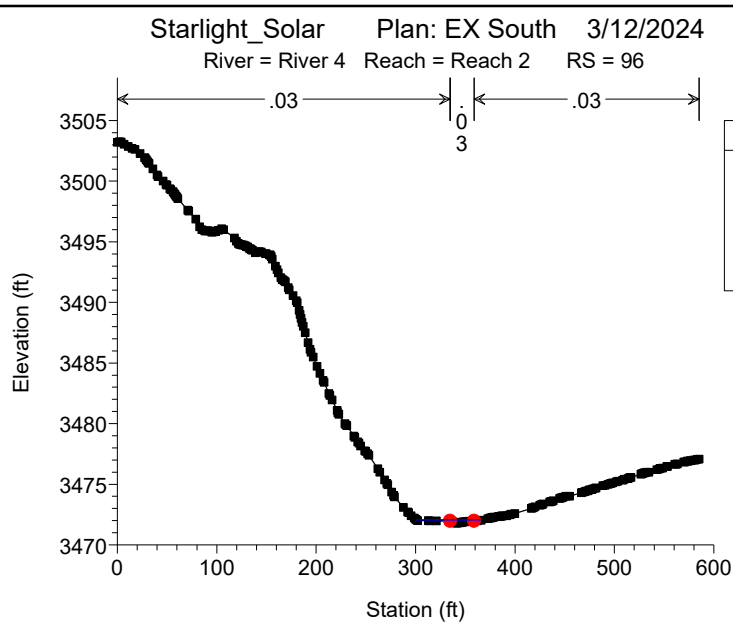












C:\USERS\PUBLIC\W61PW\2\DWG\87224\185614_PR_MAPS_2024-02-26_AL-WORKING.DWG 3/15/2024 5:36 PM

Jewel Valley Road

MUP boundary

100-YR Inundation Limit

EX. 36"-CULVERT
STA 3696
IE UP = 3498.28
IE DN = 3498.15
L = 16'

PR. CULVERT EXTENSION
36"-CULVERT
STA 3696
IE UP = 3498.28
IE DN = 3498.00
L = 36'

NORTH RIVER 1, REACH 1

The HEC-RAS analysis intentionally stops here. There are no changes downstream that would impact the limits of inundation or WSE, as compared to existing conditions

This existing air strip is abandoned as part of this MUP. Native vegetation will be re-established here to the maximum extent practicable.

Jewel Valley Road

MUP boundary

HEC-RAS Cross Section

Minor surface improvements are proposed here to develop a paved turn-around (i.e. cul-de-sac). Added impervious area is approximately 775 SF within a 2.9 square-mile watershed.

MUP boundary

NORTH RIVER 2, REACH 2

EX. 36"-CULVERT
STA 3920
IE UP = 3513.95
IE DN = 3512.80
L = 14'

PR. CULVERT EXTENSION
36"-CULVERT
STA 3920
IE UP = 3514.95
IE DN = 3512.50
L = 24'

EX. 24"-CULVERT
STA 2421
IE UP = 3484.00
IE DN = 3483.60
L = 14'

PR. CULVERT EXTENSION
36"-CULVERT
STA 2421
IE UP = 3484.00
IE DN = 3483.40
L = 24'

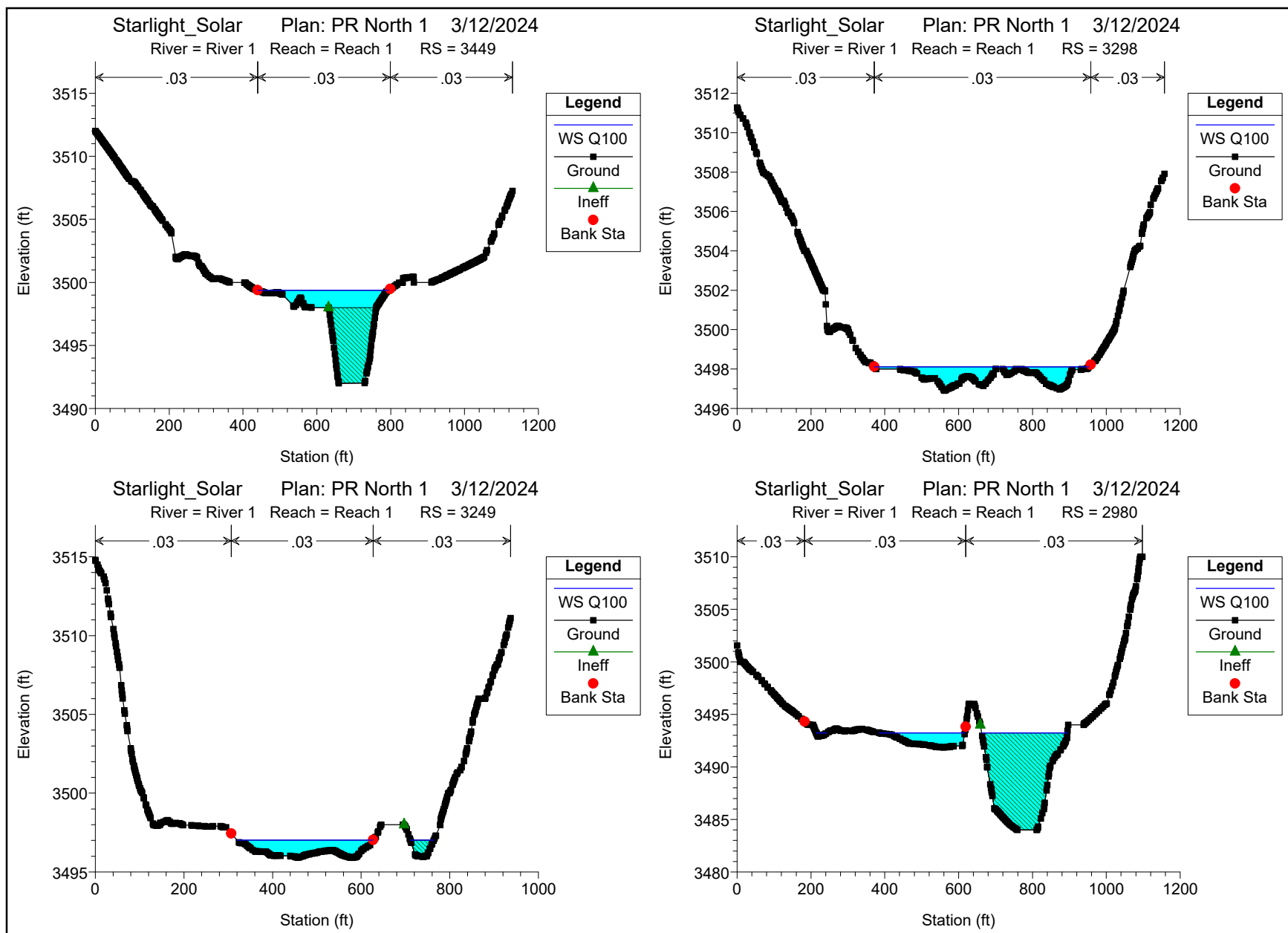


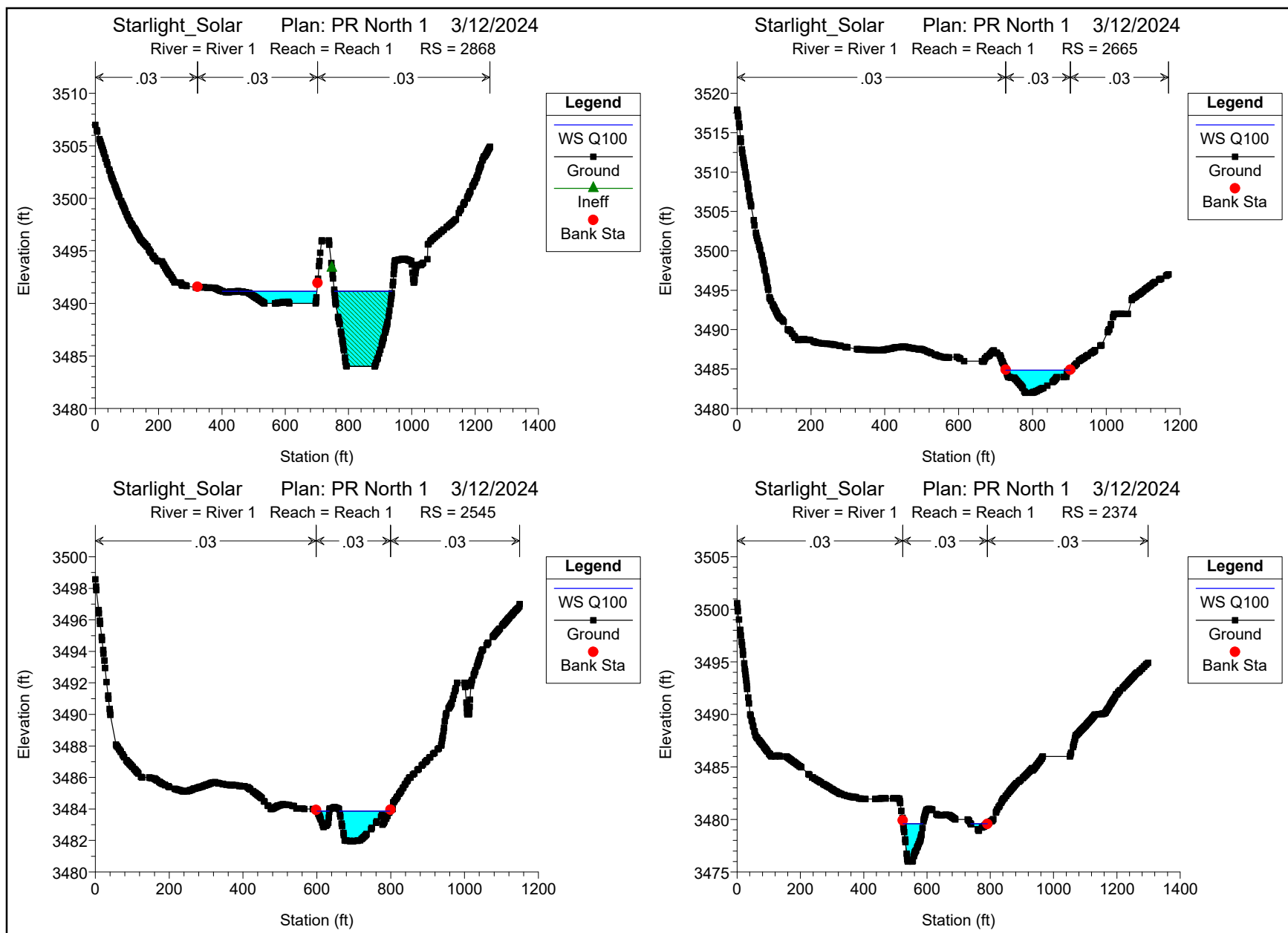
North Proposed HEC-RAS Work Map

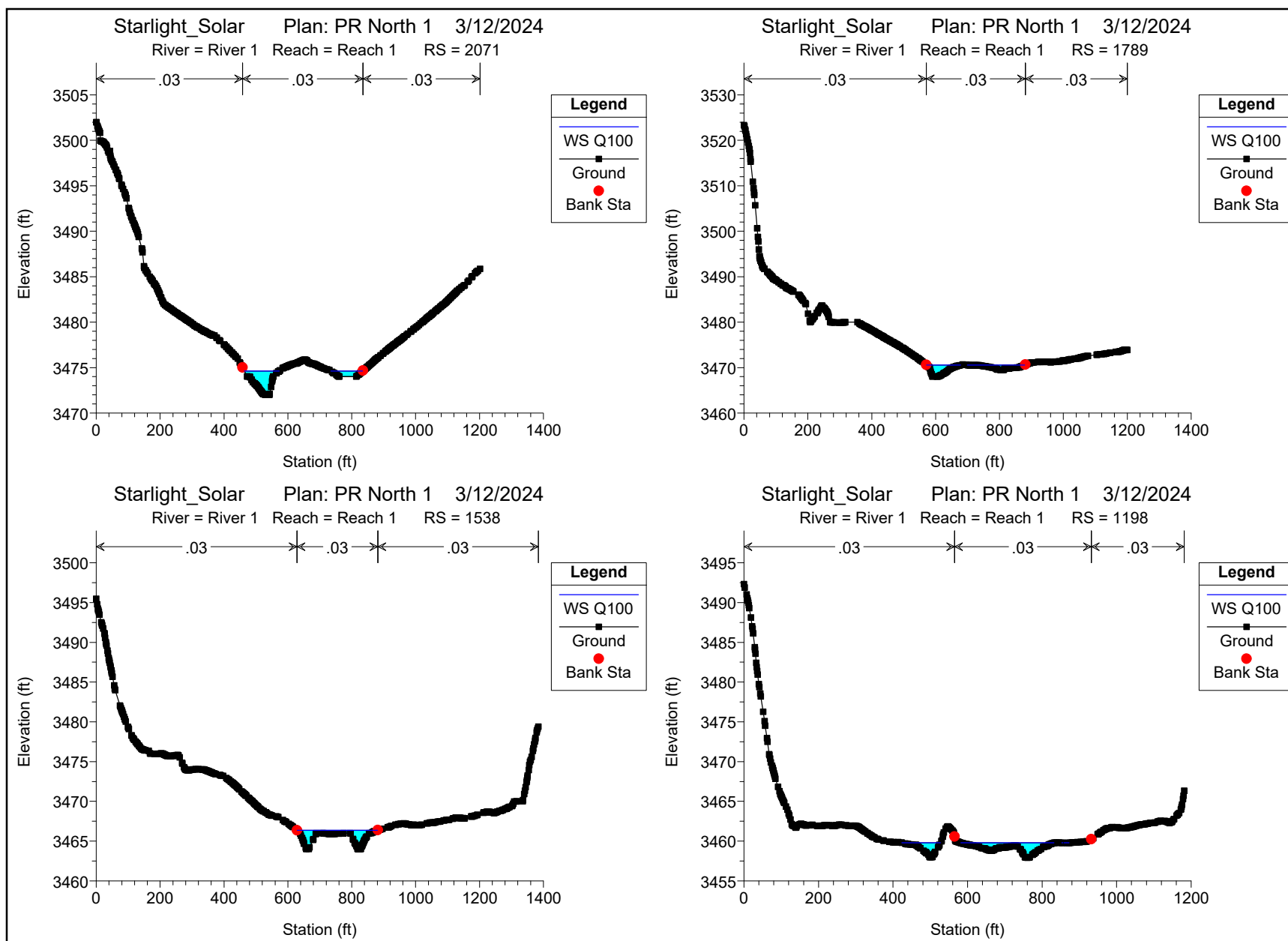
185614 - STARLIGHT SOLAR
100-YEAR LIMITS OF INUNDATION

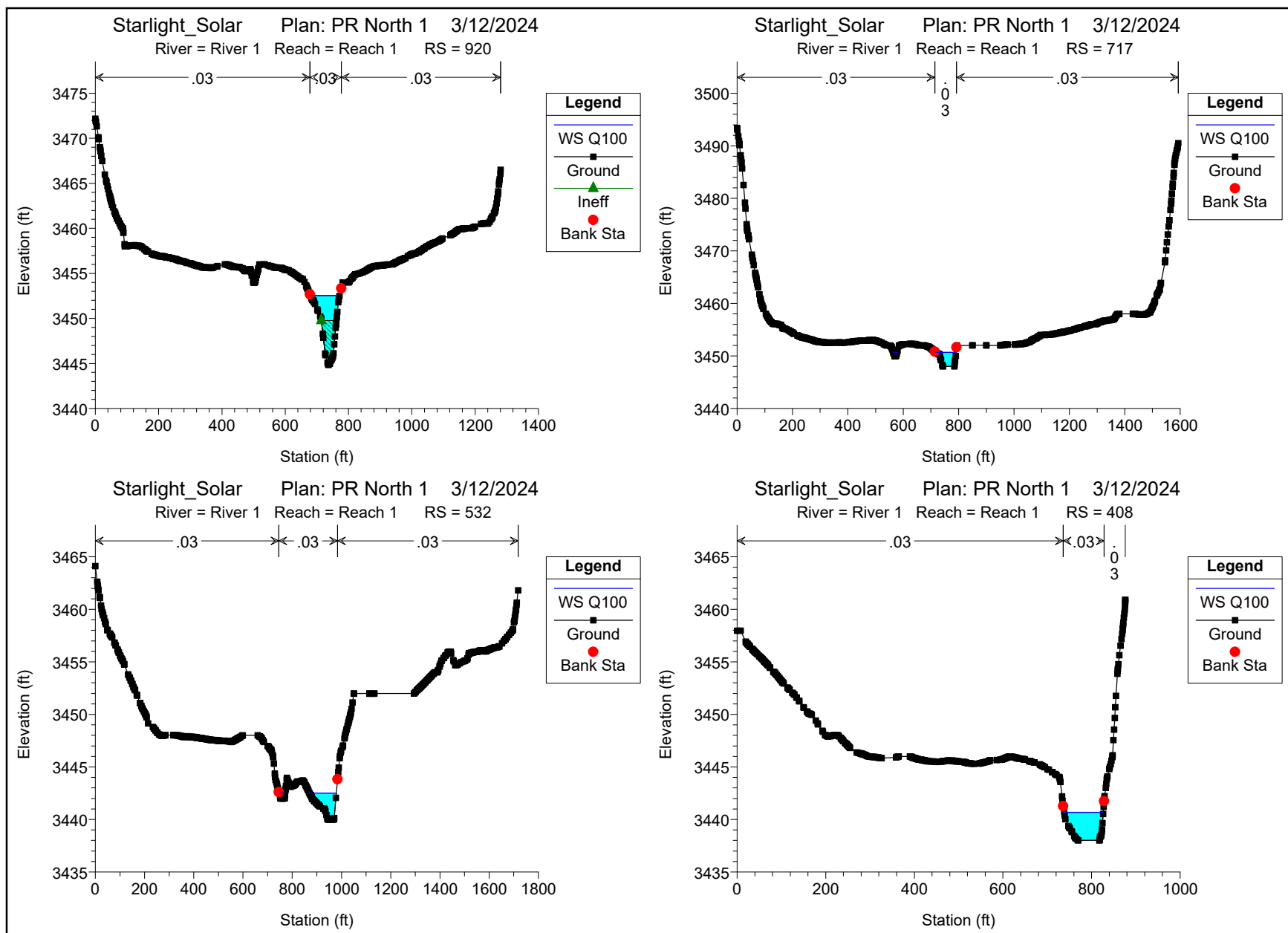
HEC-RAS Plan: PR North 1 River: River 1 Reach: Reach 1 Profile: Q100

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	4125	Q100	1116.00	3498.00	3503.91	5.91	-0.0035		3504.27	0.001416	4.77	233.87	54.56	0.41
Reach 1	3718	Q100	1116.00	3499.42	3503.88	4.46	-0.0575	3501.48	3503.93	0.000340	1.81	618.12	223.73	0.19
Reach 1	3696		Culvert											
Reach 1	3674	Q100	1116.00	3501.95	3503.07	1.12	0.0443	3503.07	3503.42	0.012035	4.91	243.69	378.16	0.93
Reach 1	3449	Q100	1116.00	3492.00	3499.36	7.36	-0.0324		3499.52	0.004320	3.21	347.94	354.39	0.57
Reach 1	3298	Q100	1116.00	3496.90	3498.11	1.21	0.0206	3498.11	3498.36	0.017300	4.00	279.23	581.01	1.02
Reach 1	3249	Q100	1116.00	3495.90	3497.01	1.11	0.0150	3496.99	3497.37	0.013204	4.76	234.56	359.42	0.96
Reach 1	2980	Q100	1116.00	3491.86	3493.23	9.23	0.0165	3493.23	3493.66	0.014405	5.21	214.07	492.82	1.01
Reach 1	2868	Q100	1116.00	3490.00	3491.16	7.16	0.0394	3491.16	3491.55	0.014264	4.95	225.54	476.88	1.00
Reach 1	2665	Q100	1116.00	3482.00	3484.87	2.87	0.0005		3485.10	0.003026	3.84	290.94	173.88	0.52
Reach 1	2545	Q100	1116.00	3481.94	3483.85	1.91	0.0347	3483.85	3484.41	0.012845	5.97	186.80	169.67	1.00
Reach 1	2374	Q100	1116.00	3476.00	3479.59	3.59	0.0132	3479.59	3480.30	0.011717	6.76	165.04	116.07	1.00
Reach 1	2071	Q100	1116.00	3472.00	3474.63	2.63	0.0142	3474.63	3475.12	0.013903	5.63	198.31	209.36	1.02
Reach 1	1789	Q100	1116.00	3468.00	3470.56	2.56	0.0161	3470.56	3470.96	0.014757	5.06	220.67	286.01	1.02
Reach 1	1538	Q100	1116.00	3463.97	3466.37	2.39	0.0177	3466.37	3466.79	0.013954	5.24	212.96	250.86	1.00
Reach 1	1198	Q100	1116.00	3457.94	3459.79	1.85	0.0471	3459.79	3460.11	0.014653	4.50	244.49	368.15	0.98
Reach 1	920	Q100	1116.00	3444.84	3452.55	7.71	-0.0156		3453.09	0.005645	5.90	189.11	92.77	0.73
Reach 1	717	Q100	1116.00	3448.00	3450.70	2.70	0.0434	3450.70	3451.58	0.009859	7.59	151.05	87.91	0.96
Reach 1	532	Q100	1116.00	3439.97	3442.52	2.55	0.0159	3442.52	3443.18	0.012470	6.50	171.82	134.50	1.01
Reach 1	408	Q100	1116.00	3438.00	3440.67	2.67	0.0084		3441.17	0.004581	5.69	196.16	88.01	0.67
Reach 1	136	Q100	1116.00	3435.72	3439.14	3.42		3439.14	3439.51	0.008088	5.71	253.20	328.46	0.83



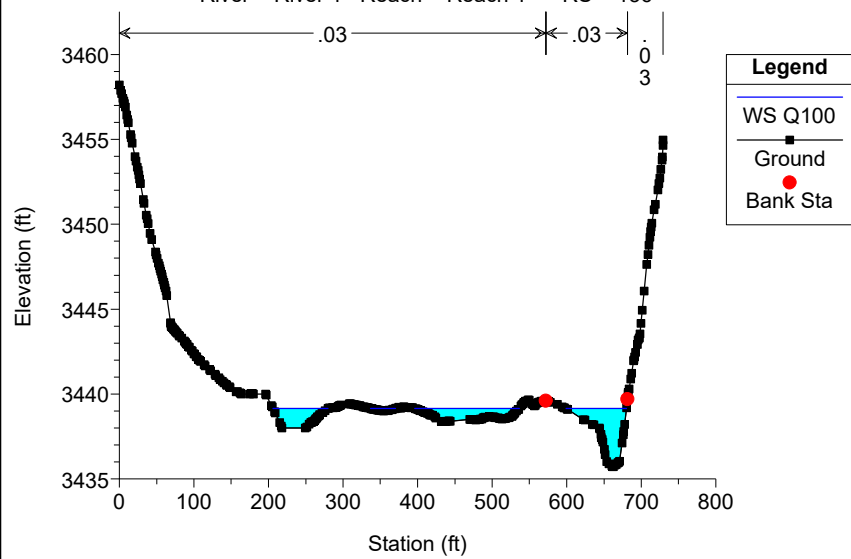






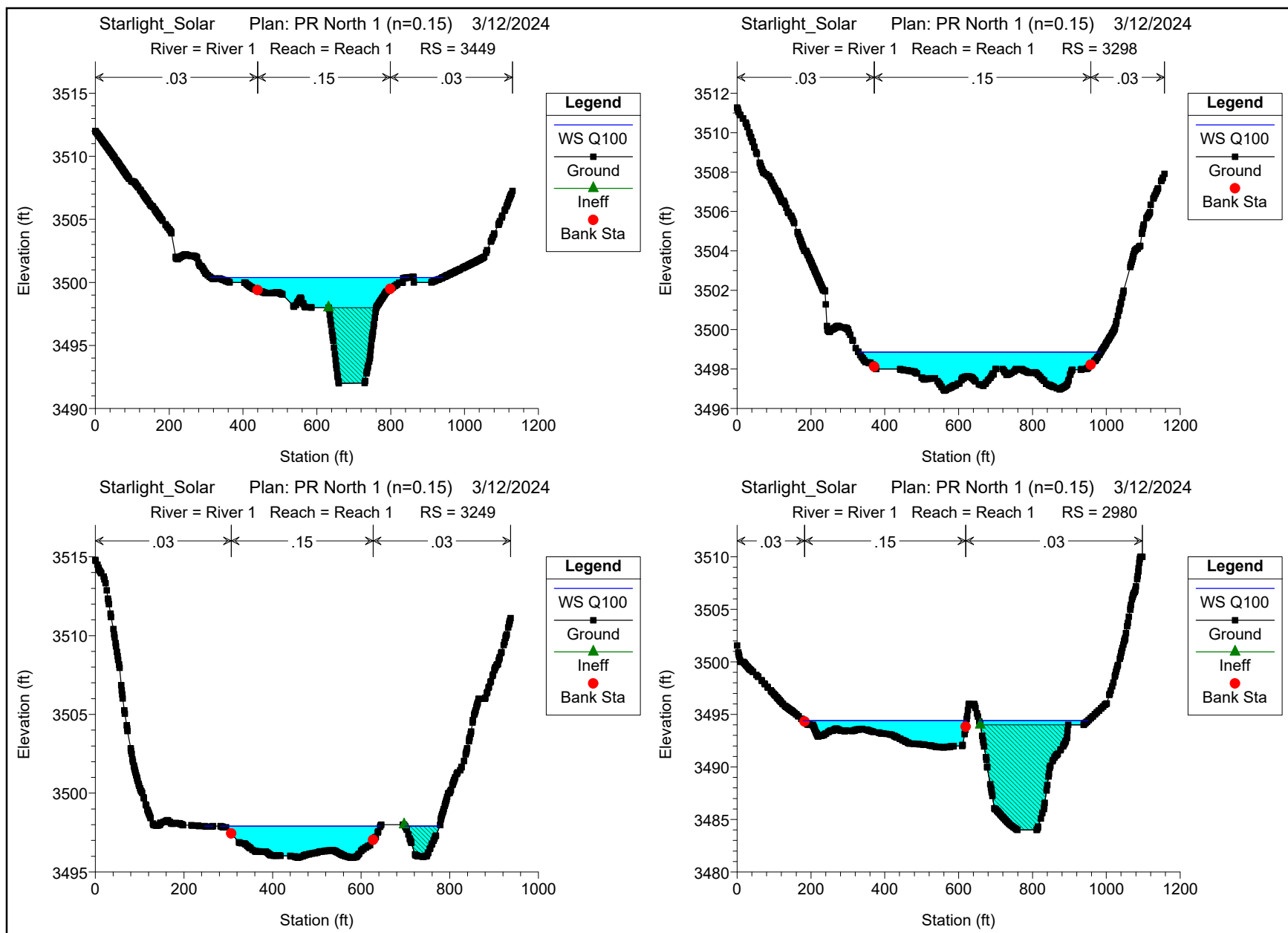
Starlight_Solar Plan: PR North 1 3/12/2024

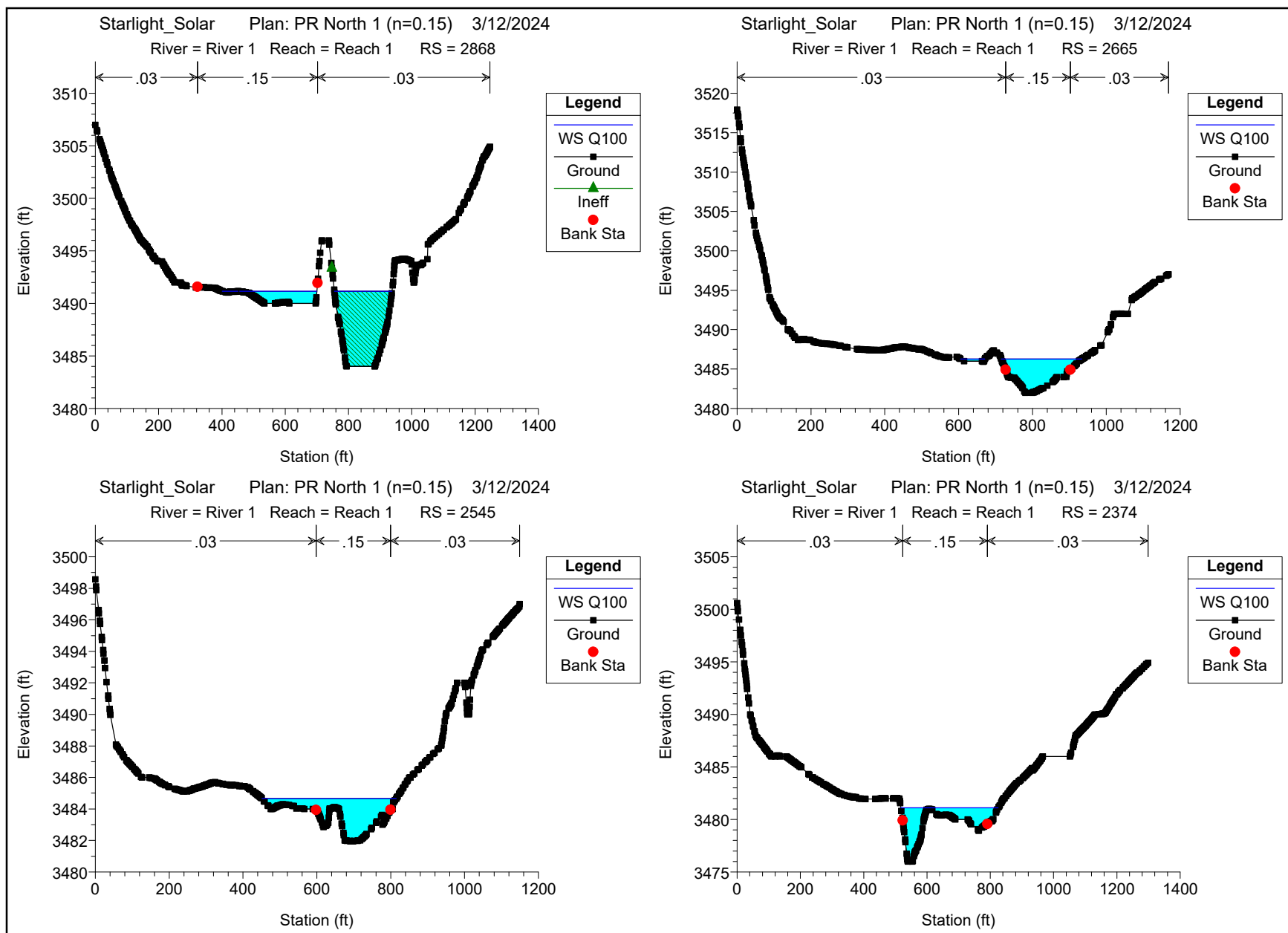
River = River 1 Reach = Reach 1 RS = 136

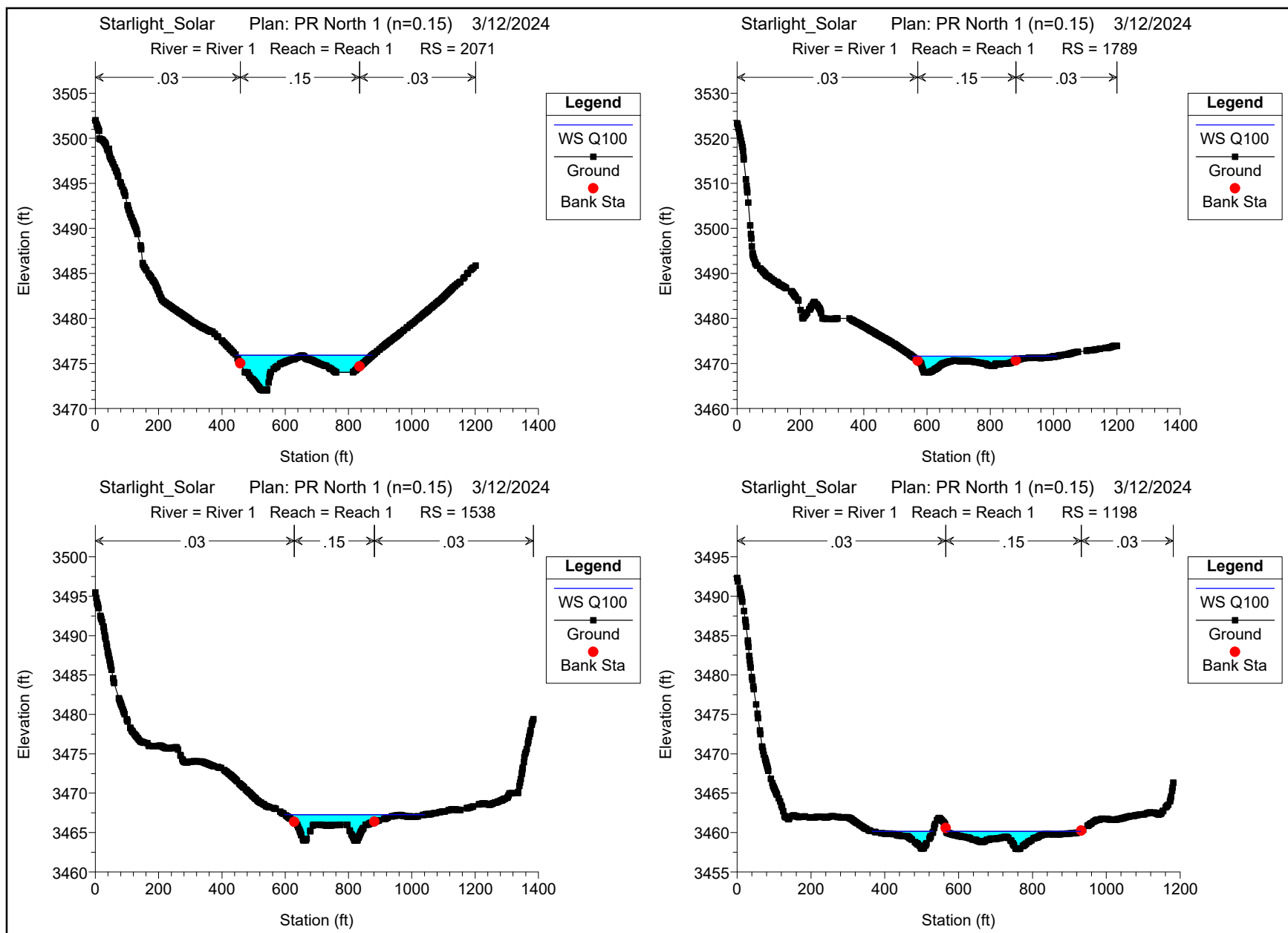


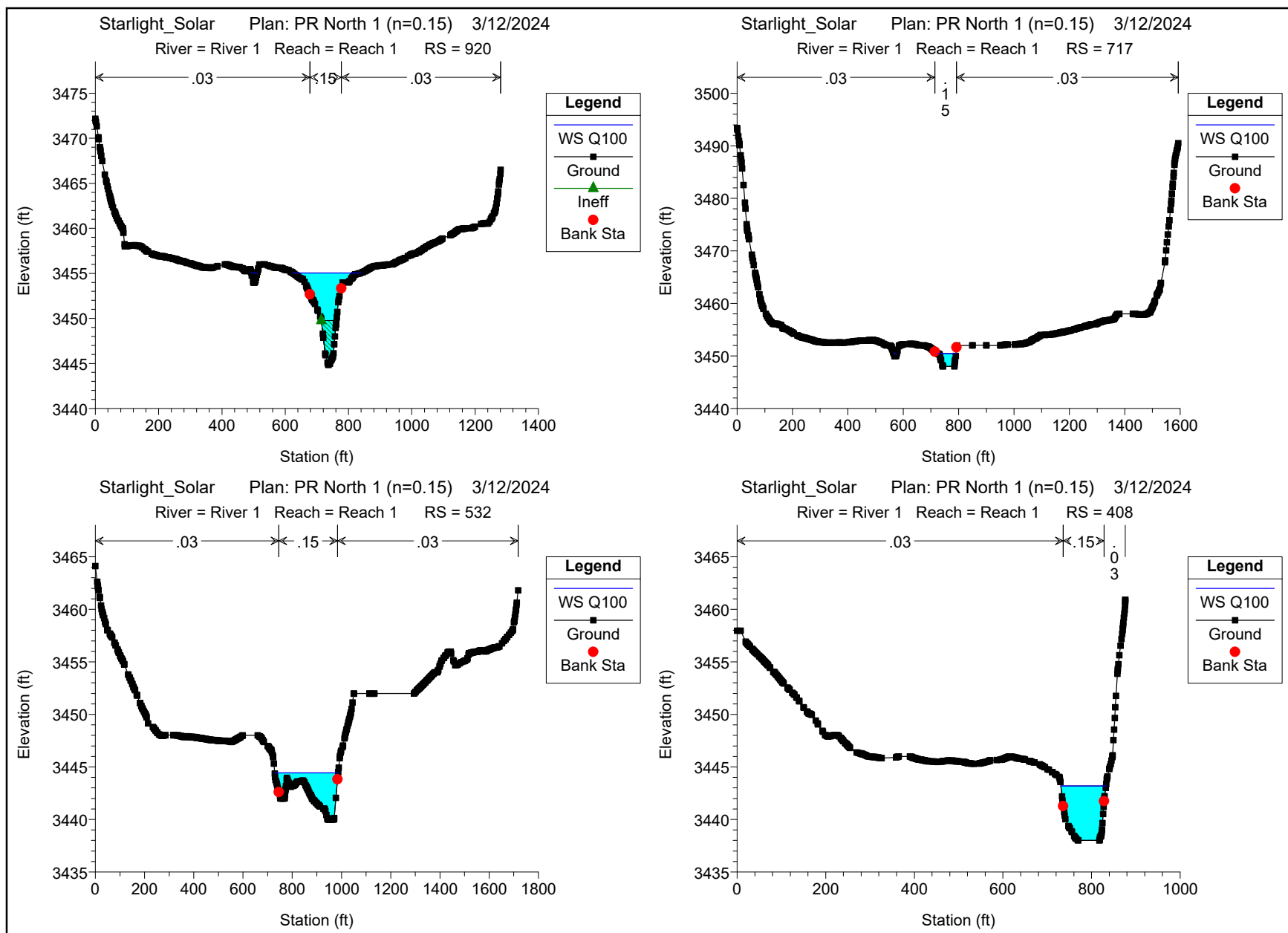
HEC-RAS Plan: **PR North 1_n=0.15** River: River 1 Reach: Reach 1 Profile: Q100

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	4125	Q100	1116.00	3498.00	3506.79	8.78	-0.0035		3506.89	0.006221	2.62	427.14	101.67	0.18
Reach 1	3718	Q100	1116.00	3499.42	3503.86	4.44	-0.0575	3501.48	3503.91	0.008635	1.81	614.91	222.14	0.19
Reach 1	3696		Culvert											
Reach 1	3674	Q100	1116.00	3501.95	3503.37	1.42	0.0443	3503.11	3503.59	0.040644	2.21	384.28	504.58	0.36
Reach 1	3449	Q100	1116.00	3492.00	3500.38	8.38	-0.0324		3500.42	0.006819	1.29	807.25	615.17	0.16
Reach 1	3298	Q100	1116.00	3496.90	3498.86	1.96	0.0206		3498.90	0.015851	1.42	743.78	656.27	0.23
Reach 1	3249	Q100	1116.00	3495.90	3497.91	2.01	0.0150		3497.99	0.022761	2.06	531.02	457.83	0.29
Reach 1	2980	Q100	1116.00	3491.86	3494.41	10.41	0.0165		3494.46	0.008505	1.22	792.53	737.59	0.17
Reach 1	2868	Q100	1116.00	3490.00	3491.16	7.16	0.0394	3491.16	3491.55	0.359757	4.97	224.68	475.98	1.00
Reach 1	2665	Q100	1116.00	3482.00	3486.27	4.27	0.0005		3486.33	0.007870	1.85	581.10	283.90	0.19
Reach 1	2545	Q100	1116.00	3481.94	3484.66	2.72	0.0347		3484.83	0.022897	2.13	424.43	363.62	0.29
Reach 1	2374	Q100	1116.00	3476.00	3481.11	5.10	0.0132		3481.28	0.018816	1.94	493.26	307.22	0.26
Reach 1	2071	Q100	1116.00	3472.00	3475.92	3.92	0.0142		3476.00	0.016001	1.67	613.68	431.14	0.24
Reach 1	1789	Q100	1116.00	3468.00	3471.60	3.59	0.0161		3471.66	0.014805	1.74	595.54	457.18	0.23
Reach 1	1538	Q100	1116.00	3463.97	3467.28	3.31	0.0177	3466.36	3467.37	0.019990	2.04	507.10	441.56	0.27
Reach 1	1198	Q100	1116.00	3457.94	3460.17	2.23	0.0471	3460.17	3460.53	0.019942	1.24	428.80	528.77	0.24
Reach 1	920	Q100	1116.00	3444.84	3455.05	10.21	-0.0156		3455.12	0.005342	1.91	532.14	233.05	0.16
Reach 1	717	Q100	1116.00	3448.00	3450.45	2.45	0.0434	3450.45	3451.64	0.307673	8.39	130.42	77.01	1.07
Reach 1	532	Q100	1116.00	3439.97	3444.44	4.47	0.0159		3444.54	0.011871	1.87	562.78	258.10	0.22
Reach 1	408	Q100	1116.00	3438.00	3443.19	5.19	0.0084		3443.29	0.008625	2.53	435.18	102.14	0.21
Reach 1	136	Q100	1116.00	3435.72	3439.24	3.52		3439.24	3439.60	0.023987	1.98	289.37	382.95	0.29



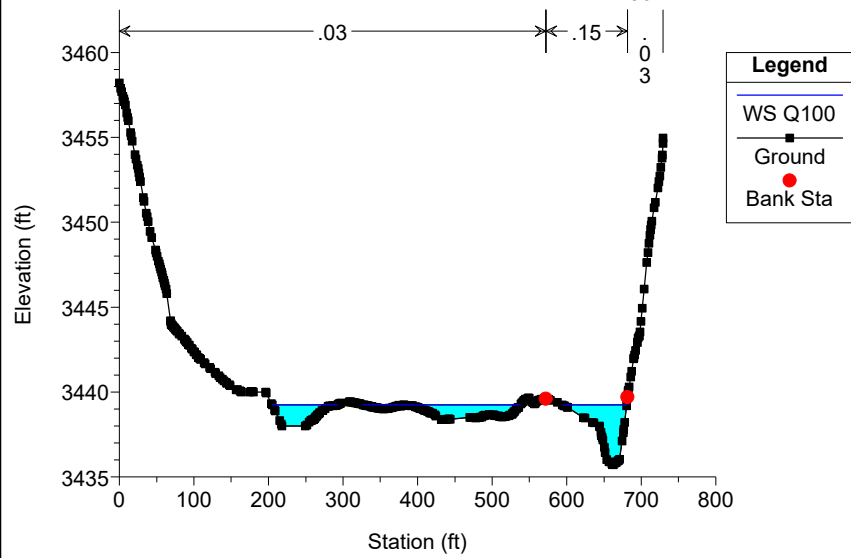






Starlight_Solar Plan: PR North 1 (n=0.15) 3/12/2024

River = River 1 Reach = Reach 1 RS = 136

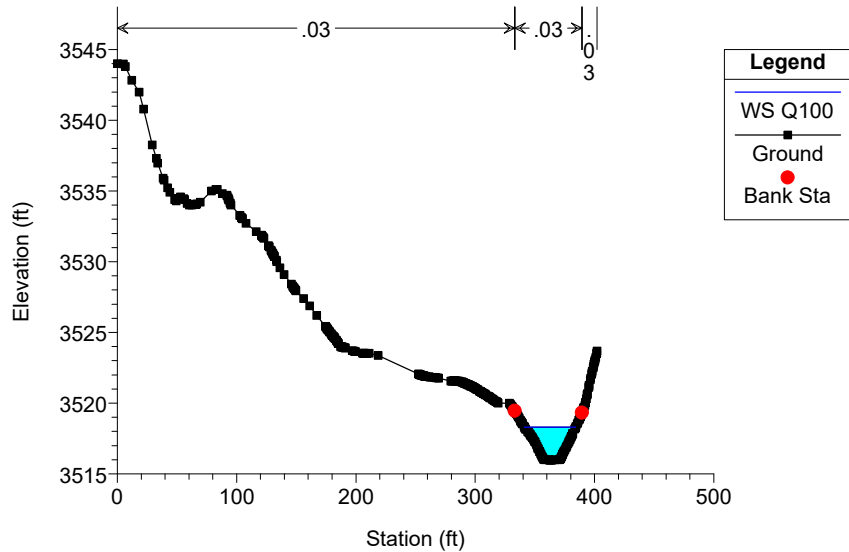


HEC-RAS Plan: **PR North 2** River: River 2 Reach: Reach 2 Profile: Q100

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 2	4059	Q100	98.00	3515.97	3518.30	2.33	0.0159		3518.33	0.000585	1.55	63.41	42.88	0.22
Reach 2	3936	Q100	98.00	3514.00	3518.32	4.32	0.0461	3514.99	3518.32	0.000016	0.37	265.54	121.47	0.04
Reach 2	3920		Culvert											
Reach 2	3892	Q100	98.00	3511.97	3512.81	0.84	0.0258	3512.81	3513.17	0.015045	4.80	20.43	28.98	1.01
Reach 2	3738	Q100	98.00	3508.00	3509.72	1.72	0.0199	3509.72	3510.19	0.014105	5.55	17.66	18.96	1.01
Reach 2	3537	Q100	98.00	3504.00	3510.04	6.04	0.0338		3510.04	0.000001	0.15	657.91	164.01	0.01
Reach 2	3478	Q100	98.00	3502.00	3510.04	8.04	-0.0417		3510.04	0.000001	0.10	960.65	195.85	0.01
Reach 2	3360	Q100	98.00	3506.94	3510.02	3.08	-0.0200		3510.04	0.000156	0.93	105.11	79.80	0.12
Reach 2	3311	Q100	98.00	3507.91	3509.60	1.69	0.0047		3509.98	0.009436	4.94	19.86	18.73	0.85
Reach 2	3283	Q100	98.00	3507.78	3509.16	1.37	0.1274	3509.16	3509.65	0.013758	5.64	17.37	17.81	1.01
Reach 2	3270	Q100	98.00	3506.06	3508.15	2.09	0.0409	3508.15	3508.72	0.013817	6.04	16.21	14.70	1.01
Reach 2	3198	Q100	98.00	3503.11	3504.71	1.60	0.0628	3504.71	3505.14	0.014567	5.24	18.69	22.41	1.01
Reach 2	3115	Q100	98.00	3497.94	3499.40	1.46	0.0674	3499.40	3499.94	0.013480	5.91	16.59	15.44	1.00
Reach 2	3087	Q100	98.00	3496.06	3497.80	1.74	0.0132	3497.74	3498.01	0.012433	3.66	26.77	49.13	0.87
Reach 2	2929	Q100	98.00	3493.98	3495.43	1.45	0.0199	3495.43	3495.90	0.014019	5.52	17.77	19.10	1.01
Reach 2	2653	Q100	98.00	3488.48	3489.91	1.43	0.0211	3489.91	3490.35	0.014130	5.29	18.53	21.52	1.00
Reach 2	2441	Q100	98.00	3484.00	3488.10	6.35	0.0136	3485.37	3488.10	0.000034	0.53	210.19	741.27	0.06
Reach 2	2421		Culvert											
Reach 2	2397	Q100	98.00	3483.40	3484.45	4.03	0.0483	3484.45	3484.79	0.014507	4.69	20.89	580.60	0.99
Reach 2	2365	Q100	98.00	3481.85	3483.09	5.40	0.0320	3483.09	3483.51	0.013867	5.23	18.75	607.91	0.99
Reach 2	2307	Q100	98.00	3480.00	3480.97	8.97	0.0189	3480.97	3481.36	0.014352	4.99	19.65	424.98	1.00
Reach 2	2201	Q100	98.00	3478.00	3479.23	7.23	0.0243	3479.23	3479.70	0.013785	5.46	17.94	415.46	1.00
Reach 2	2118	Q100	98.00	3475.97	3477.15	5.93	0.0274	3477.15	3477.51	0.013947	4.82	20.32	402.28	0.98
Reach 2	2046	Q100	98.00	3474.00	3475.52	5.52	0.0206	3475.52	3475.90	0.014234	4.93	19.87	319.47	0.99
Reach 2	1657	Q100	98.00	3465.97	3467.26	1.29		3467.26	3467.68	0.014590	5.15	19.03	23.57	1.01

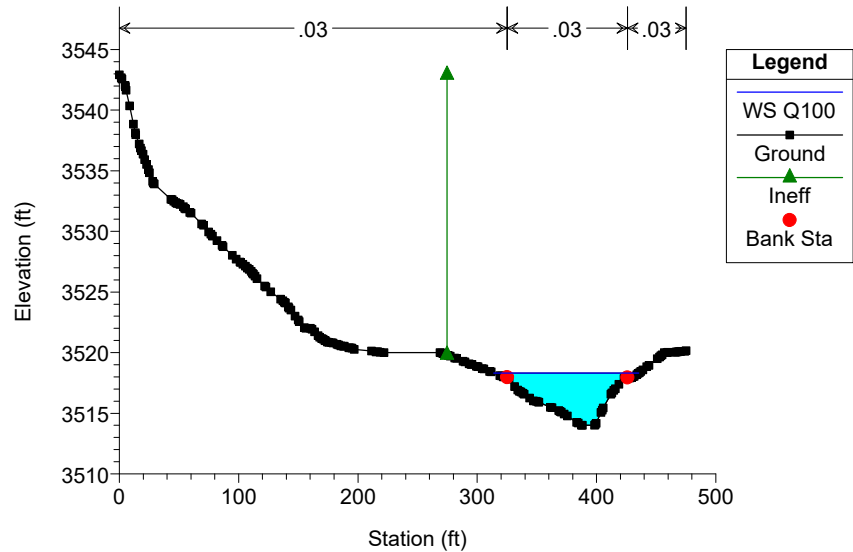
Starlight_Solar Plan: PR North 2 3/12/2024

River = River 2 Reach = Reach 2 RS = 4059



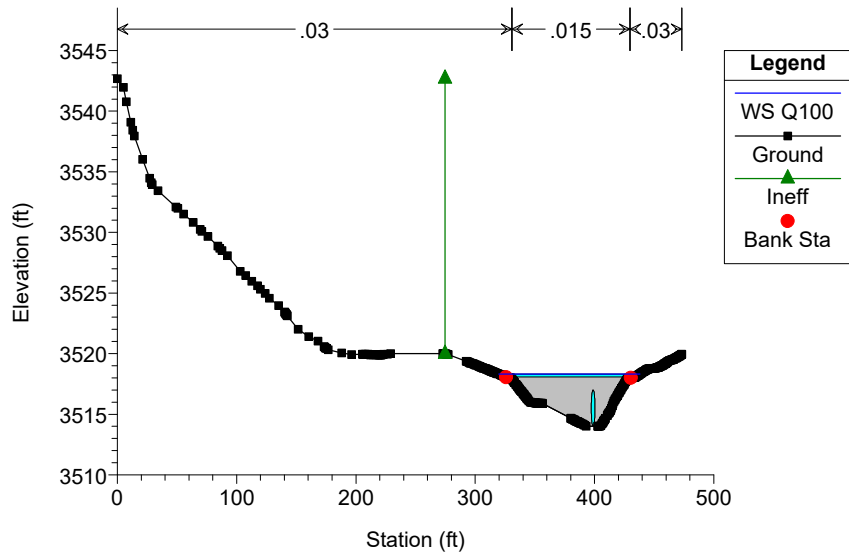
Starlight_Solar Plan: PR North 2 3/12/2024

River = River 2 Reach = Reach 2 RS = 3936



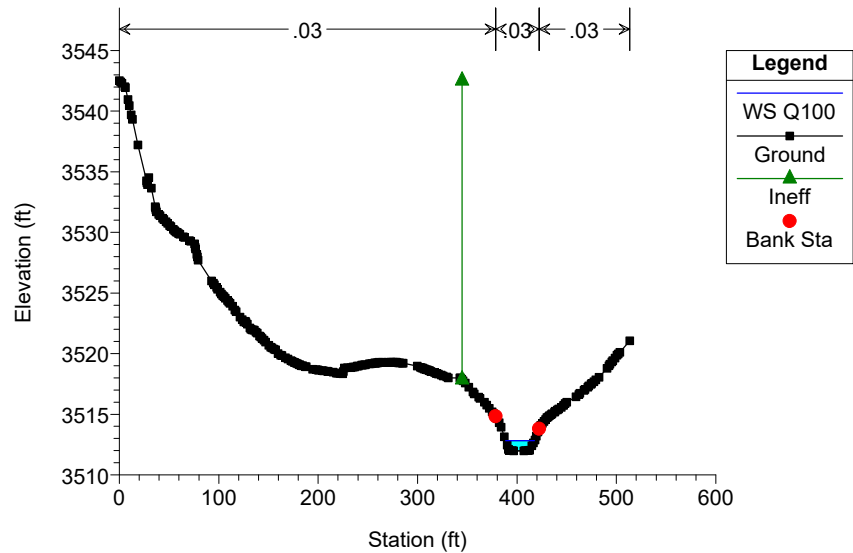
Starlight_Solar Plan: PR North 2 3/12/2024

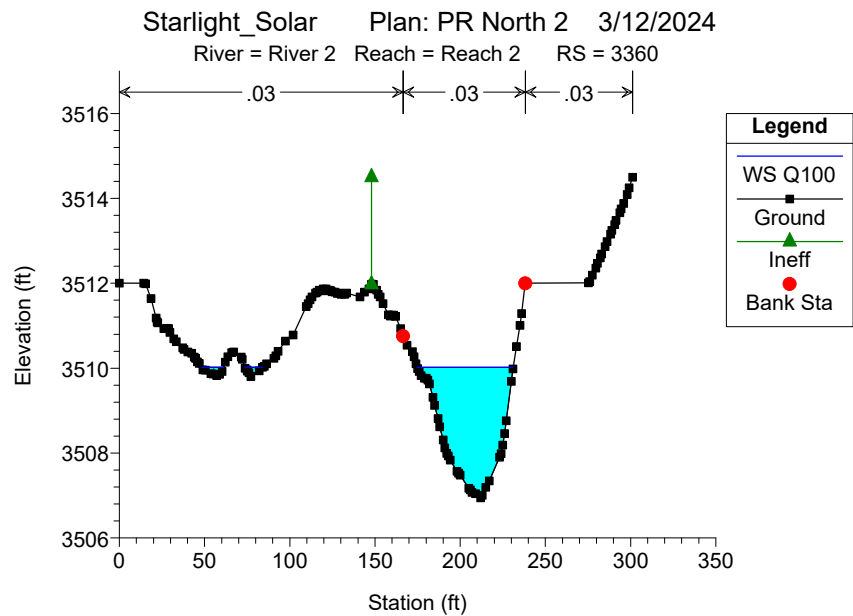
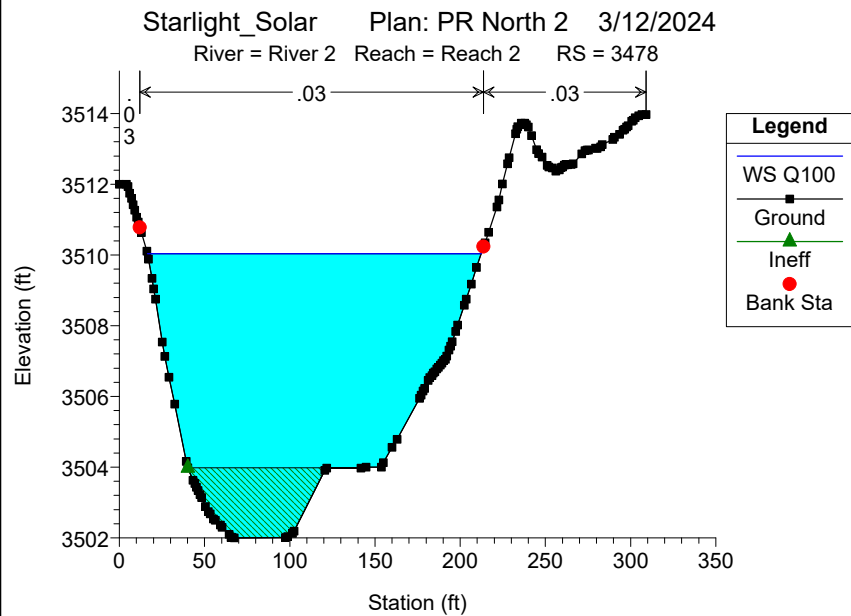
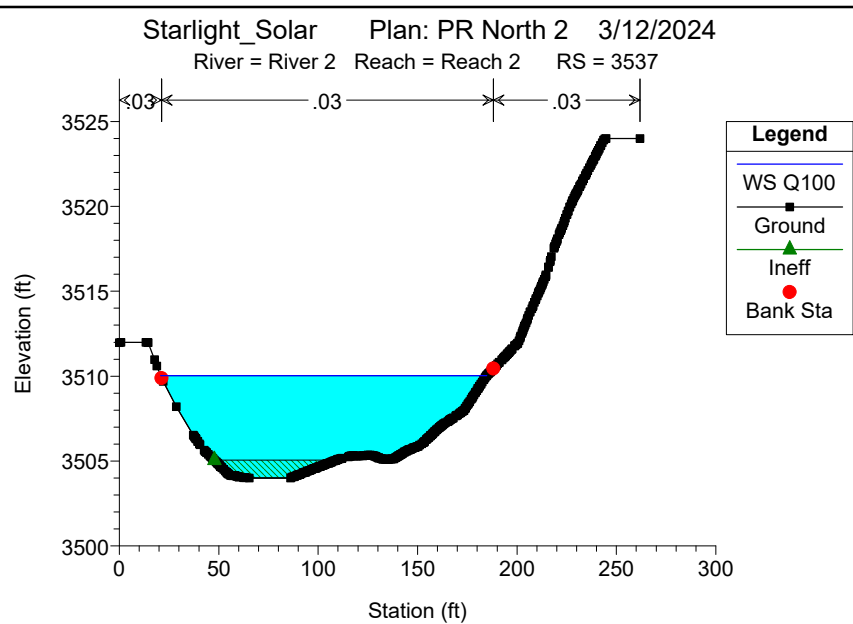
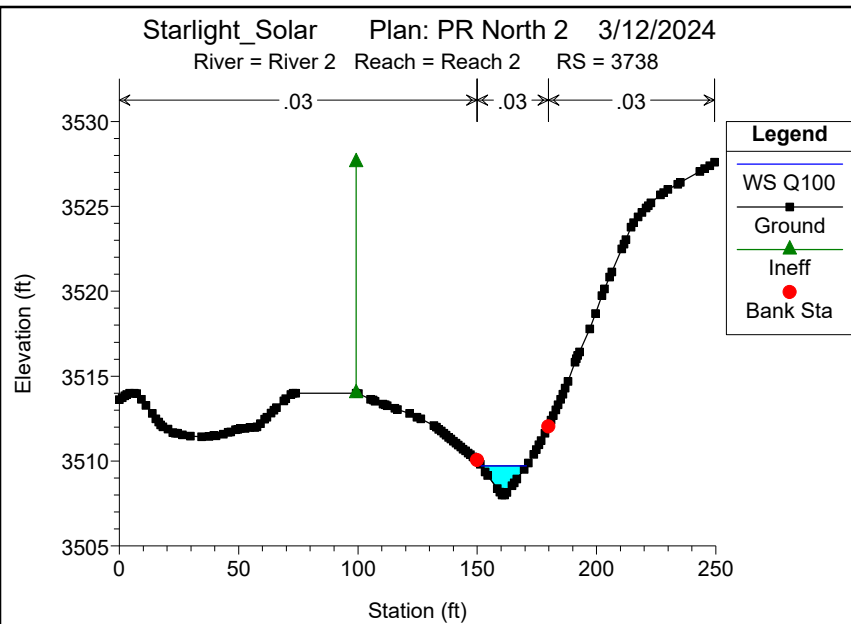
River = River 2 Reach = Reach 2 RS = 3920 Culv

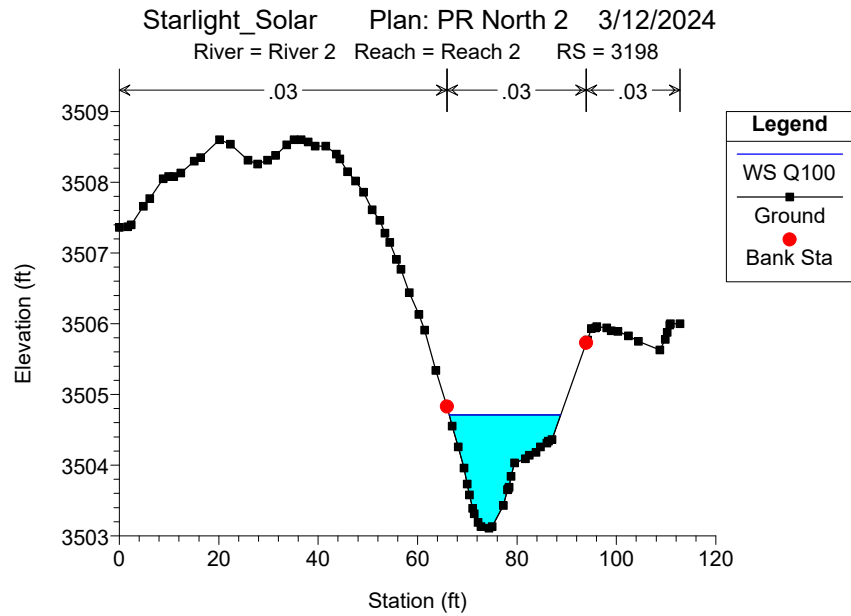
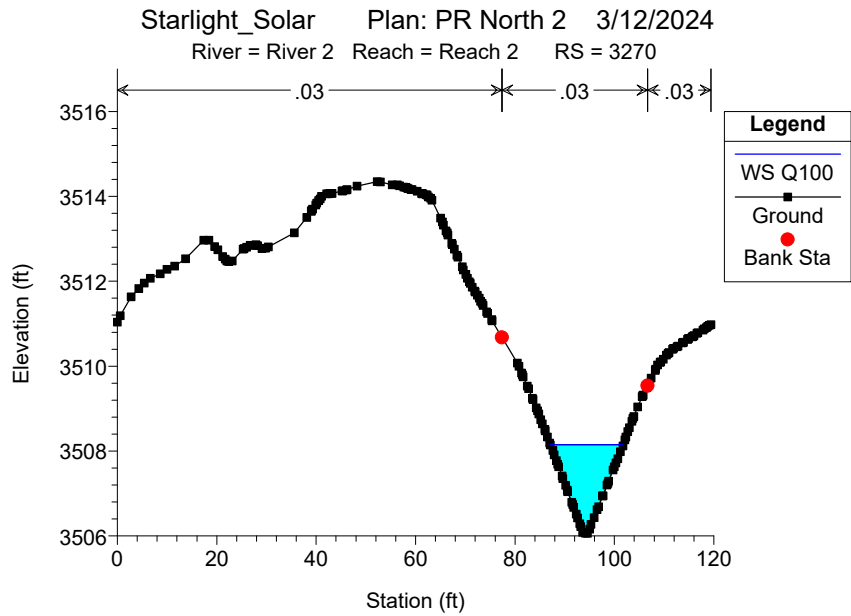
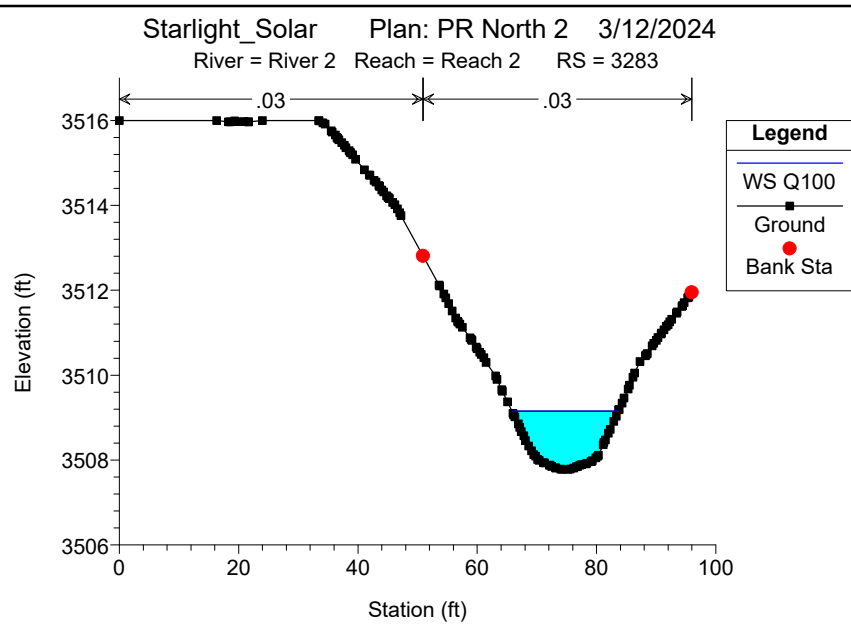
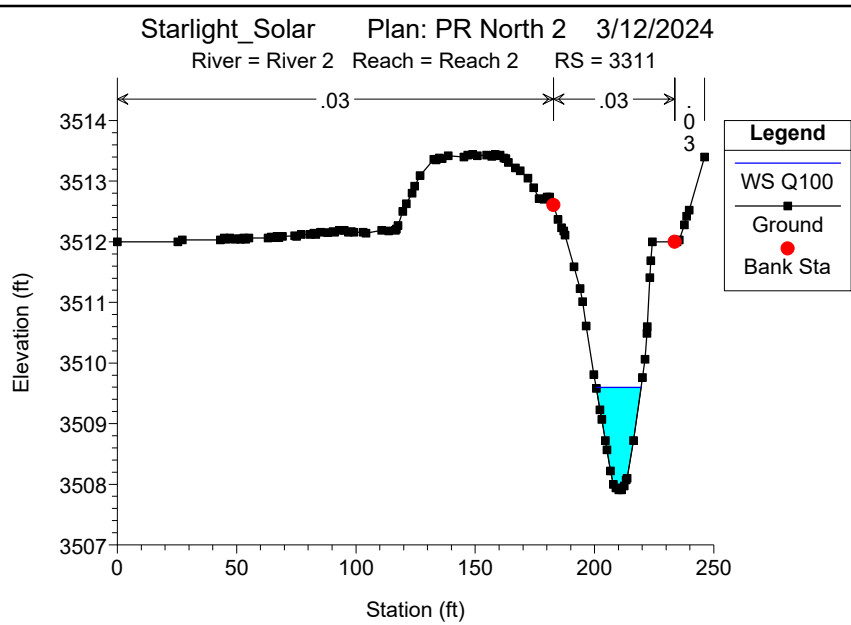


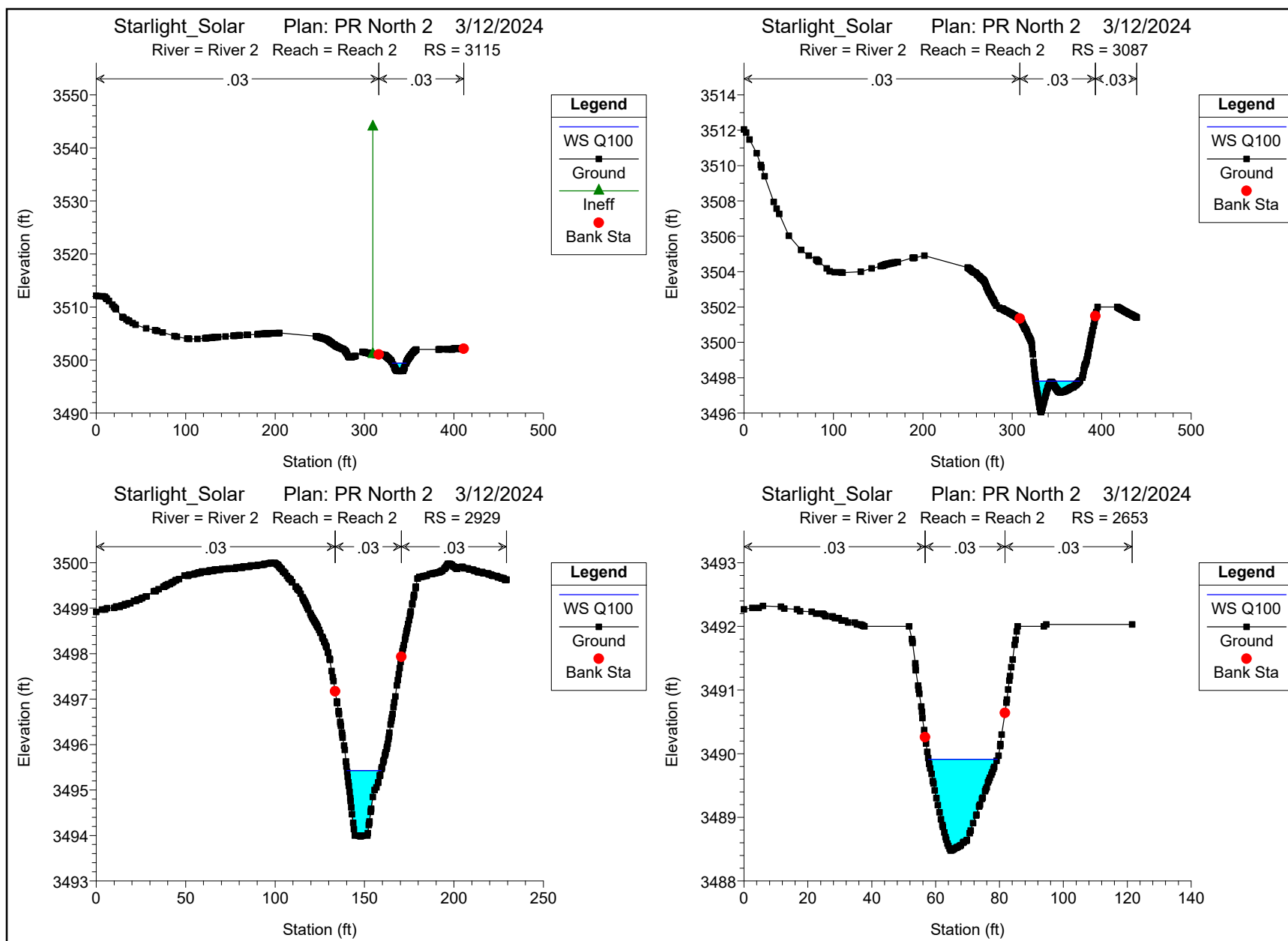
Starlight_Solar Plan: PR North 2 3/12/2024

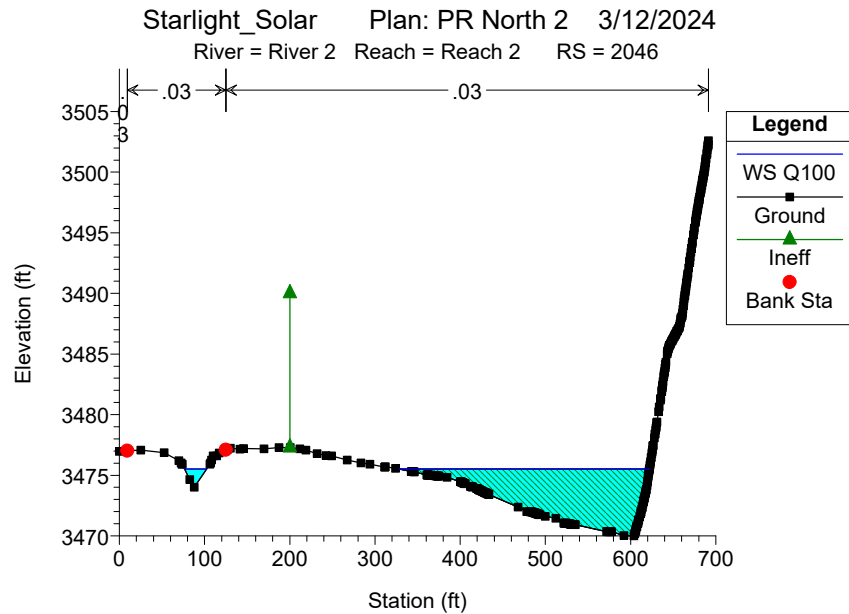
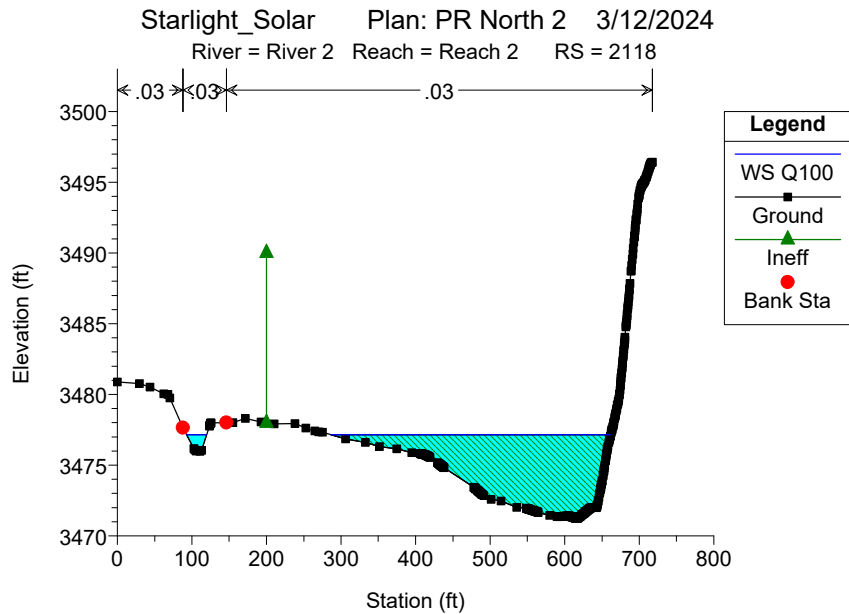
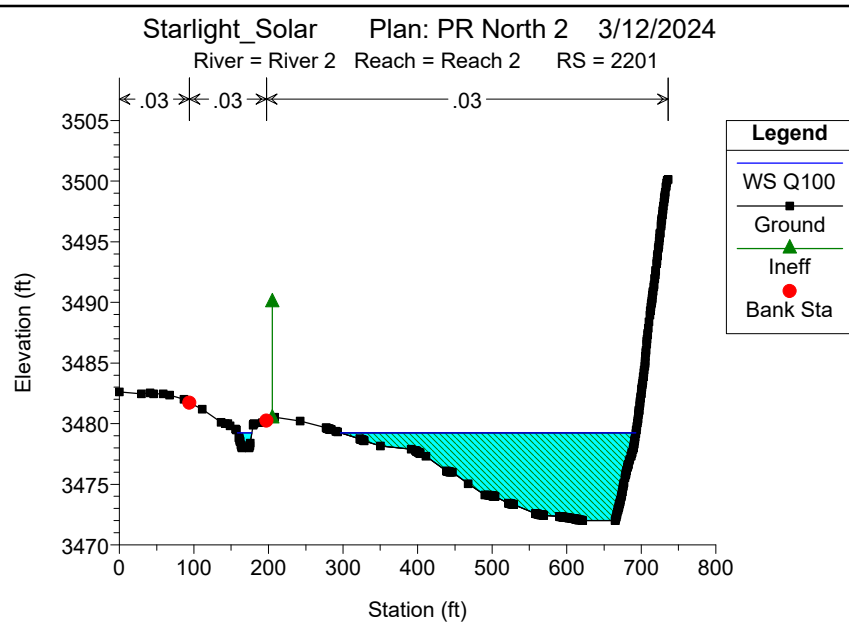
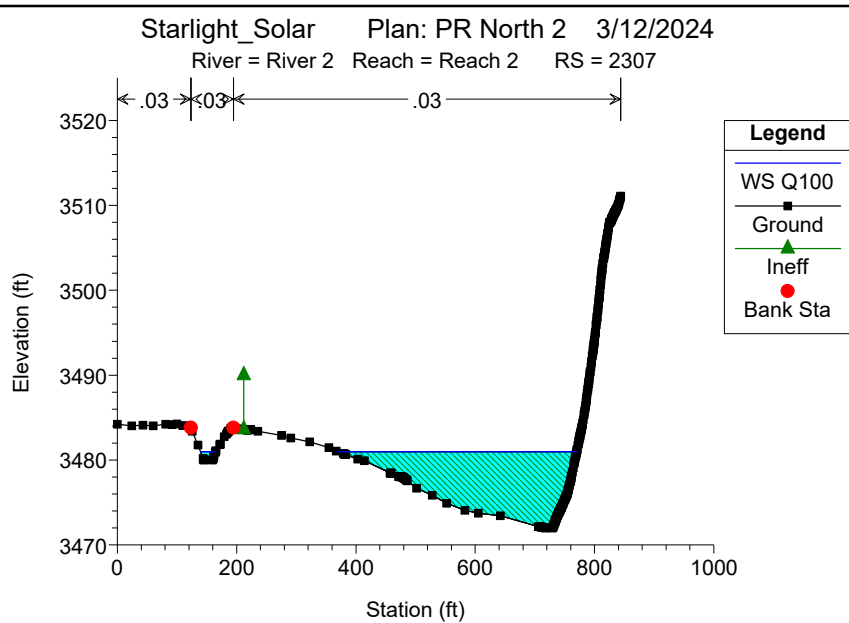
River = River 2 Reach = Reach 2 RS = 3892





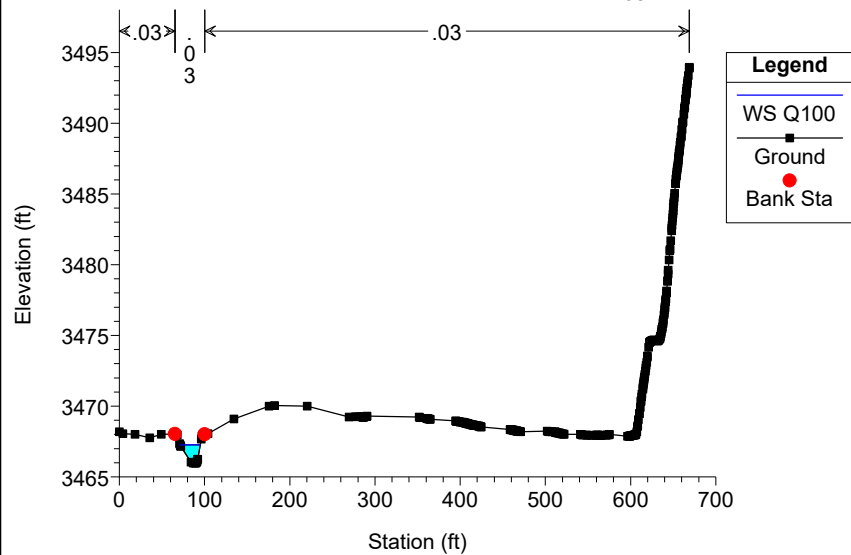






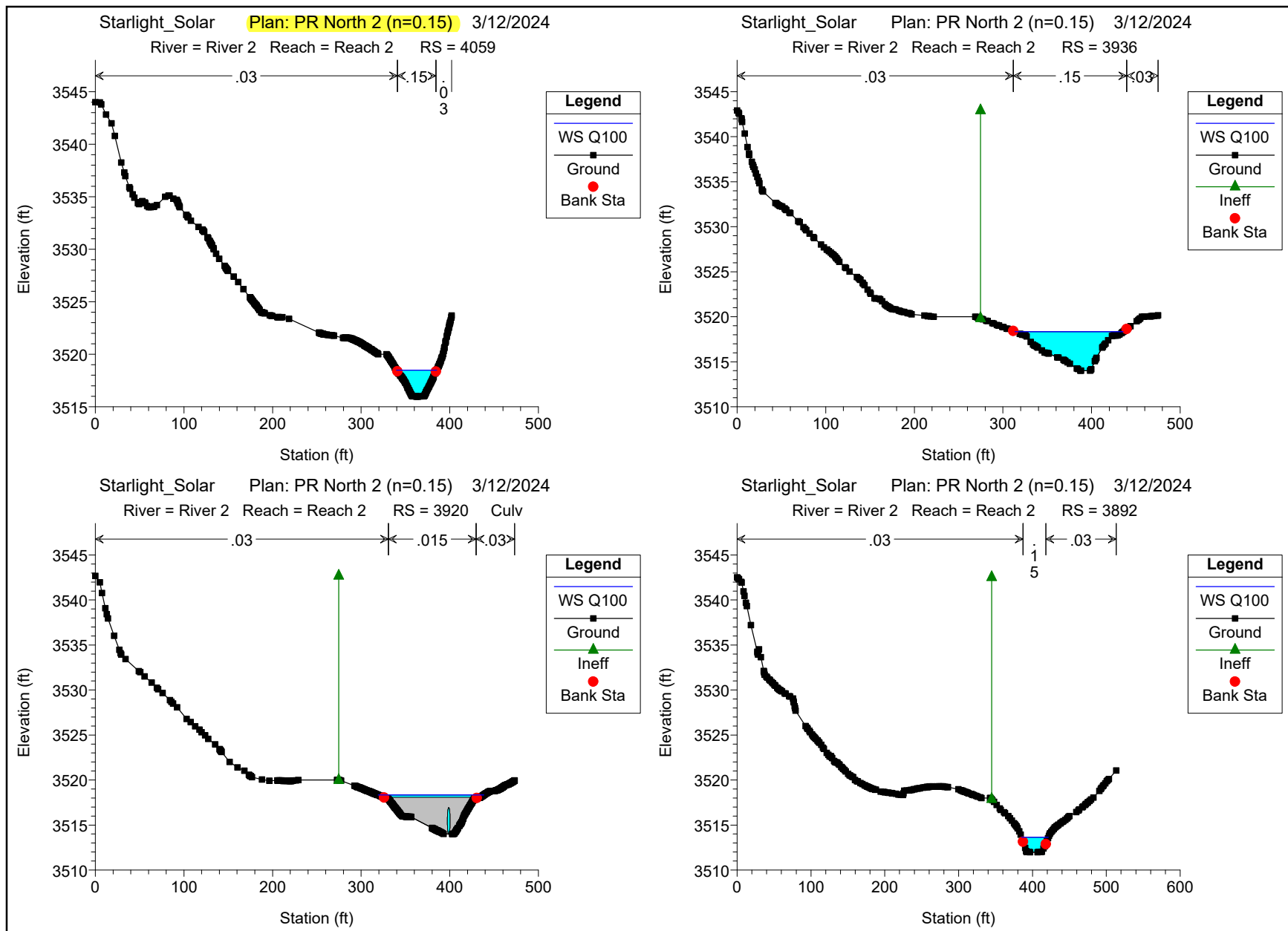
Starlight_Solar Plan: PR North 2 3/12/2024

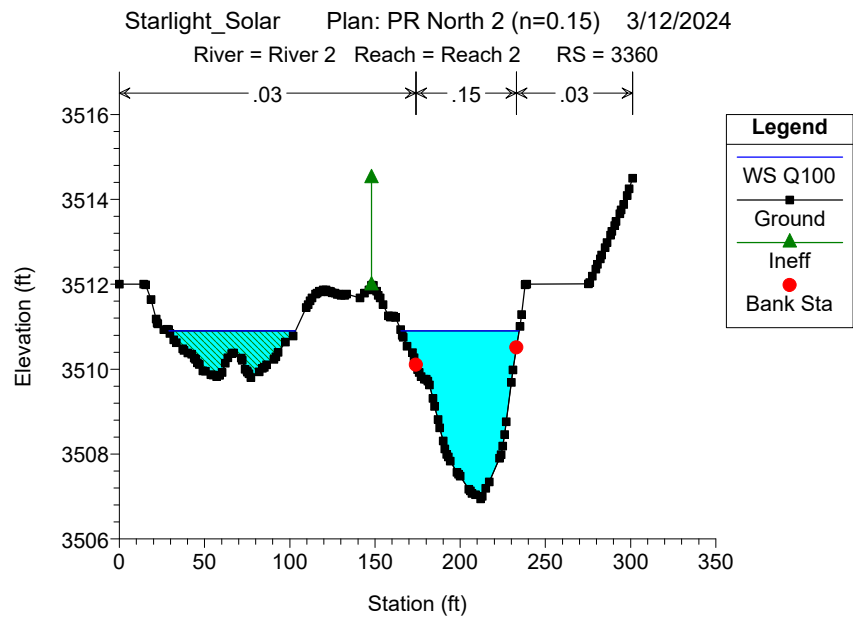
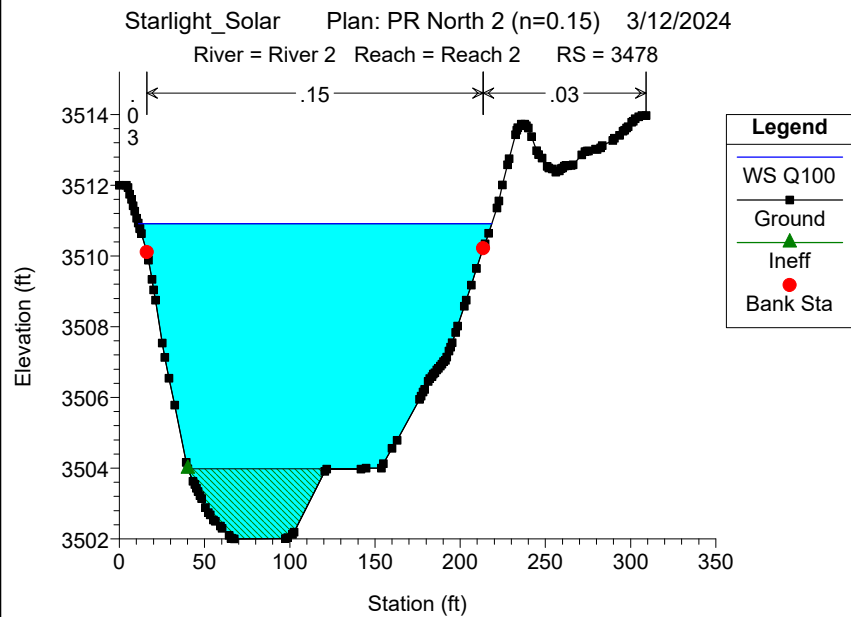
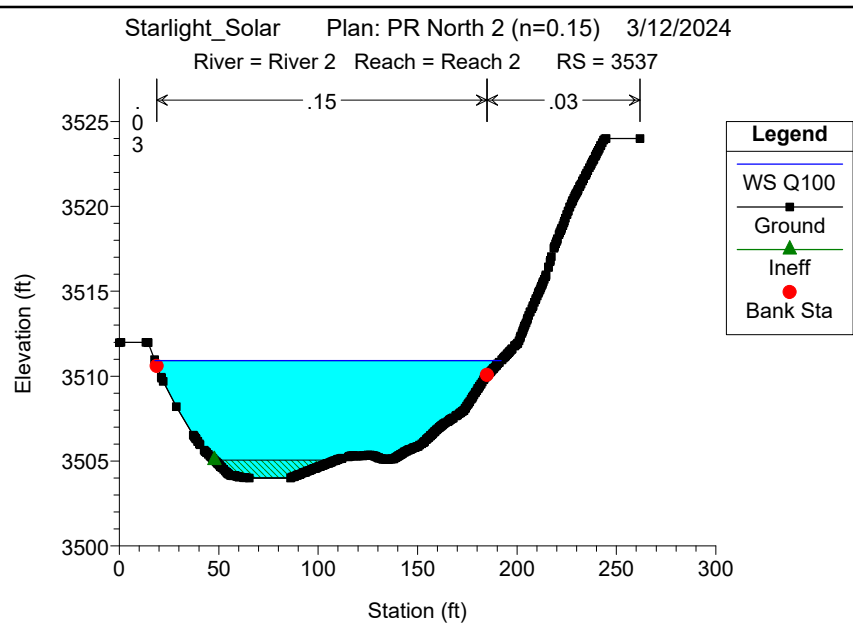
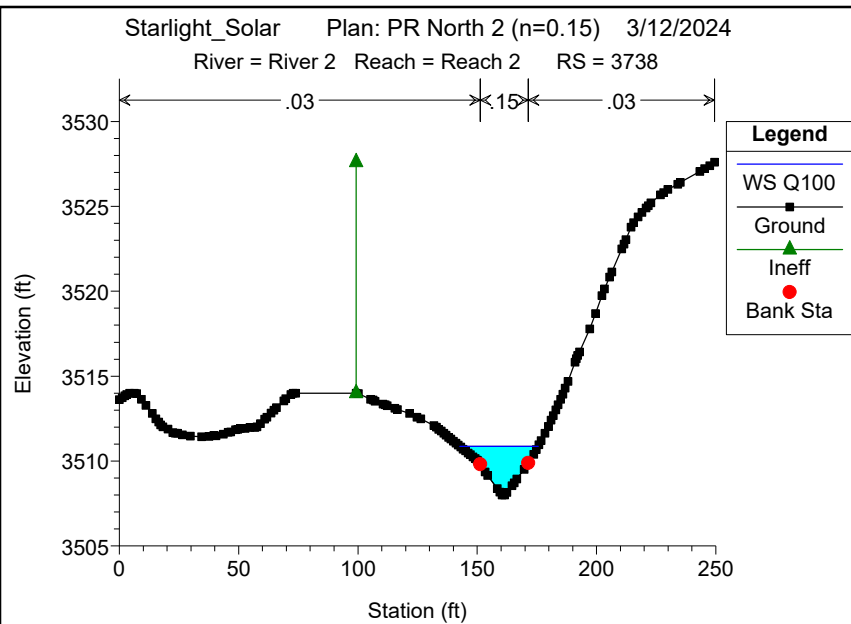
River = River 2 Reach = Reach 2 RS = 1657

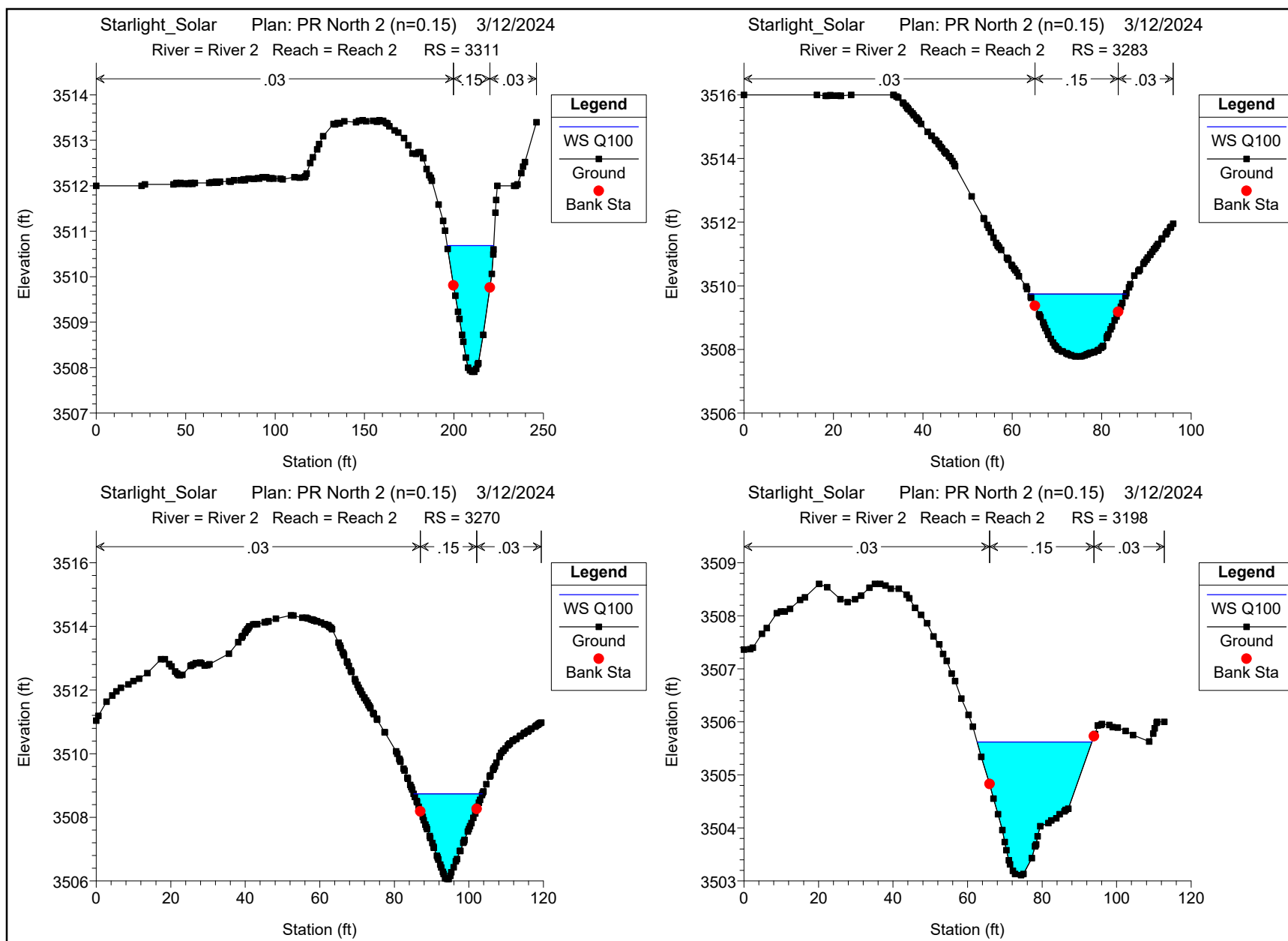


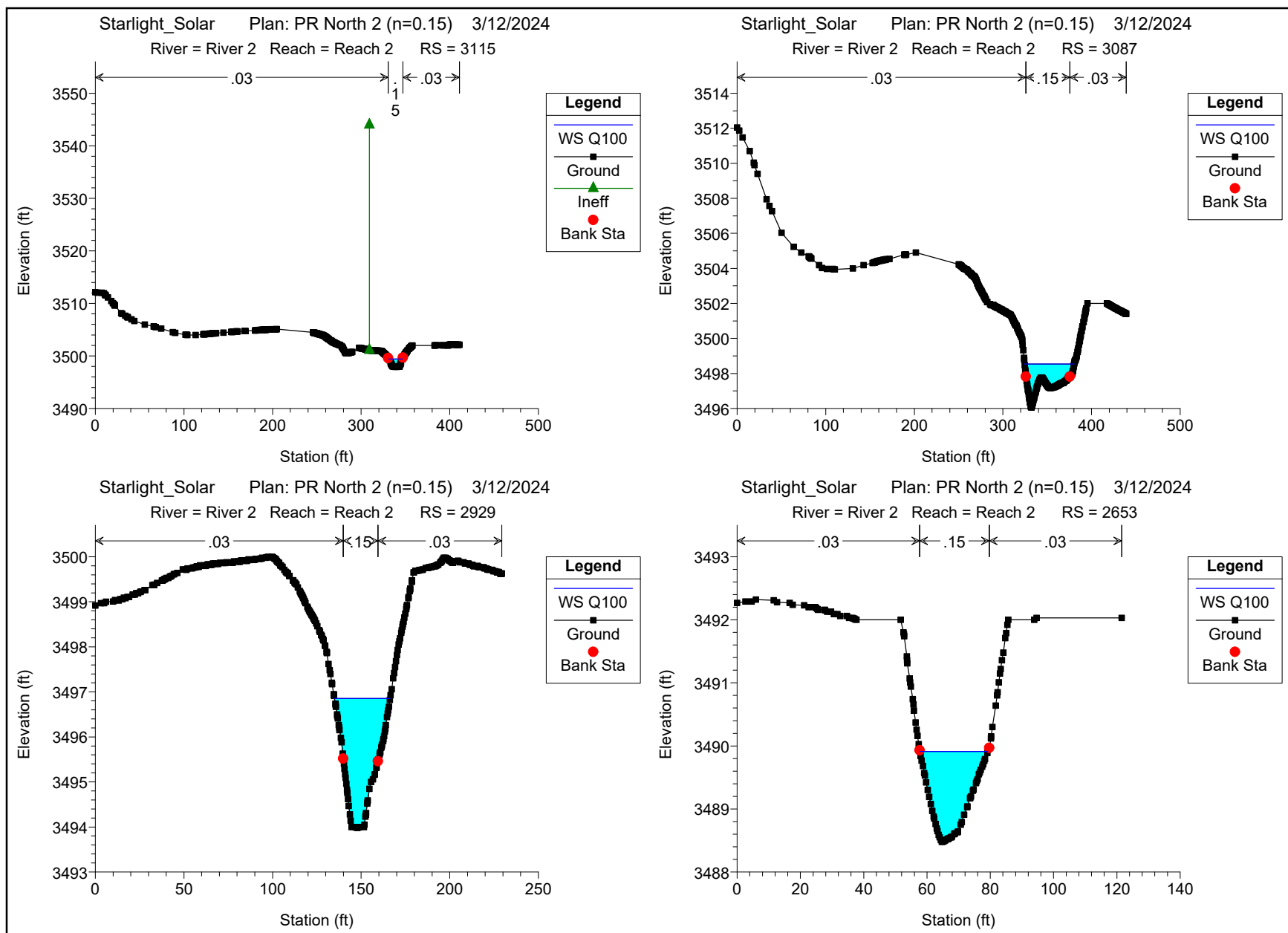
HEC-RAS Plan: PR North 2_n=0.15 River: River 2 Reach: Reach 2 Profile: Q100

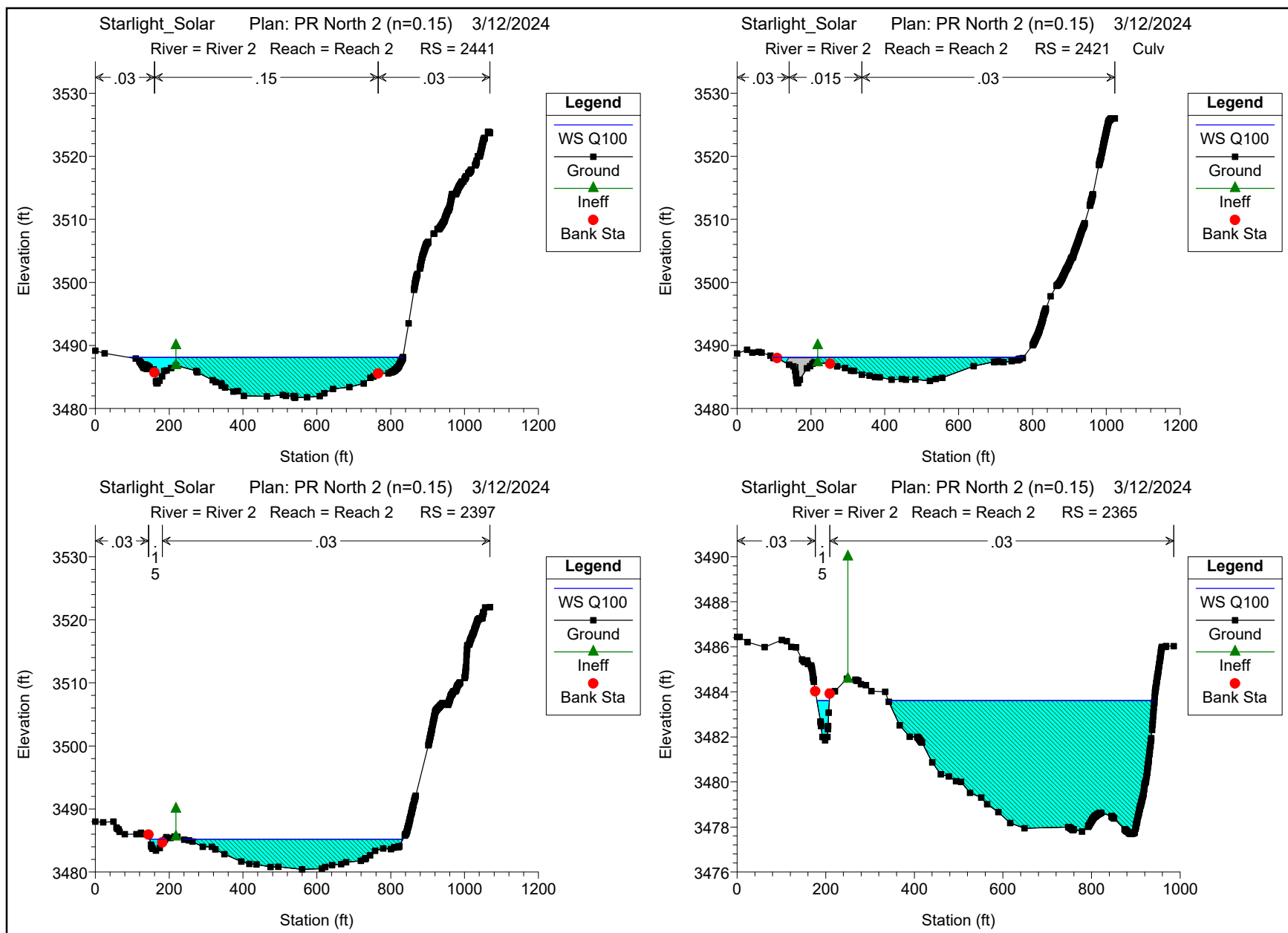
Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 2	4059	Q100	98.00	3515.97	3518.48	2.51	0.0159		3518.51	0.010088	1.37	71.41	45.16	0.19
Reach 2	3936	Q100	98.00	3514.00	3518.34	4.34	0.0461	3514.99	3518.34	0.000480	0.37	268.28	122.28	0.04
Reach 2	3920		Culvert											
Reach 2	3892	Q100	98.00	3511.97	3513.64	1.67	0.0258		3513.72	0.023954	1.99	47.58	36.30	0.29
Reach 2	3738	Q100	98.00	3508.00	3510.87	2.87	0.0199		3510.96	0.013910	1.85	47.07	32.82	0.23
Reach 2	3537	Q100	98.00	3504.00	3510.91	6.91	0.0338		3510.92	0.000019	0.12	806.24	174.07	0.01
Reach 2	3478	Q100	98.00	3502.00	3510.91	8.91	-0.0417		3510.91	0.000007	0.09	1137.45	207.37	0.01
Reach 2	3360	Q100	98.00	3506.94	3510.90	3.96	-0.0200		3510.91	0.001030	0.61	160.37	143.57	0.07
Reach 2	3311	Q100	98.00	3507.91	3510.69	2.78	0.0047		3510.77	0.017362	2.08	44.65	26.09	0.26
Reach 2	3283	Q100	98.00	3507.78	3509.74	1.96	0.1274		3509.92	0.067158	3.34	28.94	21.62	0.48
Reach 2	3270	Q100	98.00	3506.06	3508.74	2.68	0.0409		3508.96	0.076199	3.73	25.92	18.39	0.51
Reach 2	3198	Q100	98.00	3503.11	3505.62	2.51	0.0628	3504.71	3505.71	0.029159	2.21	42.96	30.82	0.32
Reach 2	3115	Q100	98.00	3497.94	3499.40	1.46	0.0674	3499.40	3499.94	0.336784	5.90	16.60	15.44	1.00
Reach 2	3087	Q100	98.00	3496.06	3498.54	2.48	0.0132		3498.59	0.014523	1.40	66.03	55.97	0.22
Reach 2	2929	Q100	98.00	3493.98	3496.86	2.88	0.0199	3495.43	3496.94	0.007816	1.52	54.03	31.37	0.18
Reach 2	2653	Q100	98.00	3488.48	3489.91	1.43	0.0318	3489.91	3490.35	0.354349	5.29	18.51	21.51	1.01
Reach 2	2441	Q100	98.00	3481.75	3488.10	6.35	-0.0375	3485.38	3488.10	0.000288	0.31	209.88	741.01	0.03
Reach 2	2421		Culvert											
Reach 2	2397	Q100	98.00	3483.40	3485.19	4.77	0.0483	3484.43	3485.26	0.029053	2.01	47.23	637.44	0.31
Reach 2	2365	Q100	98.00	3481.85	3483.61	5.92	0.0320	3483.09	3483.76	0.084052	3.09	31.75	628.32	0.51
Reach 2	2307	Q100	98.00	3480.00	3482.04	10.04	0.0189	3480.97	3482.11	0.013920	1.64	54.47	485.59	0.22
Reach 2	2201	Q100	98.00	3478.00	3480.13	8.13	0.0243	3479.23	3480.21	0.023962	2.12	43.92	504.67	0.29
Reach 2	2118	Q100	98.00	3475.97	3478.00	6.78	0.0274	3477.15	3478.06	0.027252	1.99	49.24	528.39	0.30
Reach 2	2046	Q100	98.00	3474.00	3476.52	6.52	0.0206	3475.51	3476.57	0.016196	1.70	55.34	419.02	0.24
Reach 2	1657	Q100	98.00	3465.97	3467.98	2.01		3467.26	3468.07	0.031037	2.25	44.07	119.57	0.33



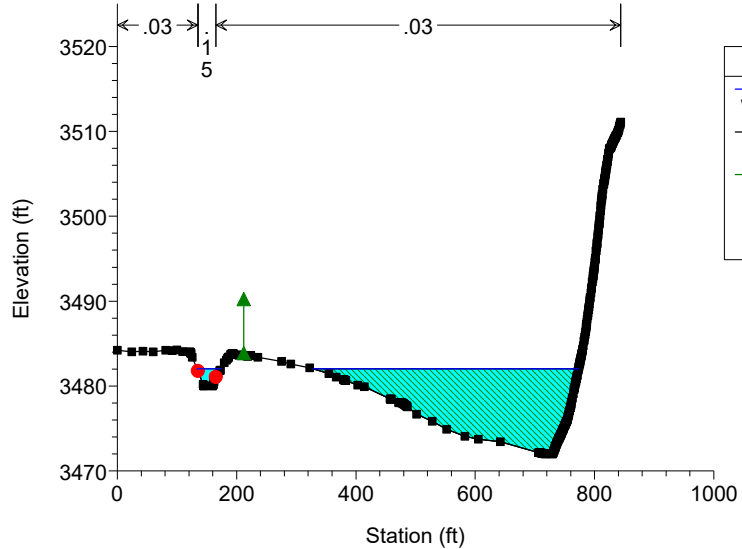




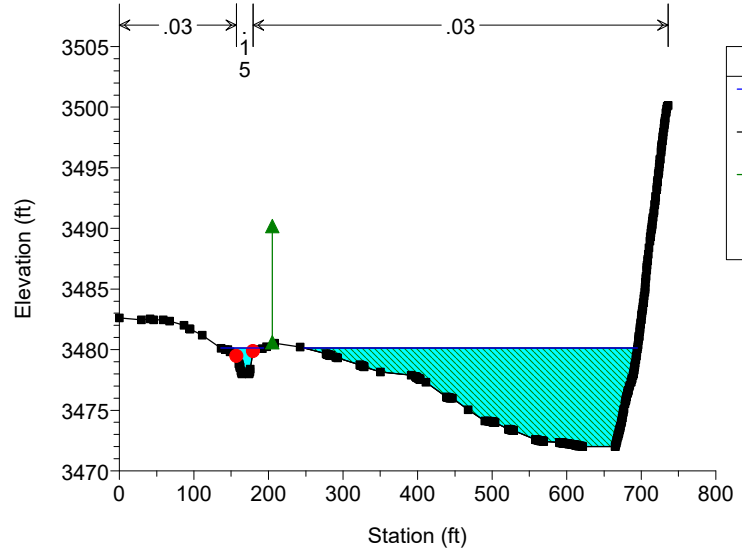




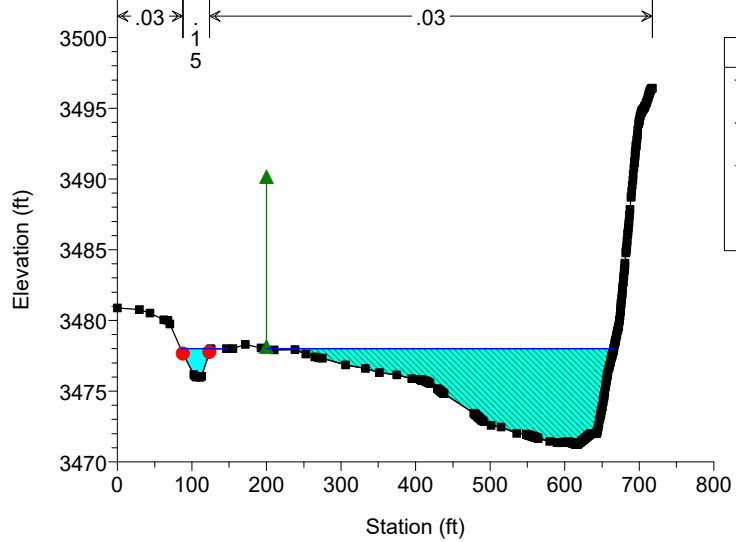
Starlight_Solar Plan: PR North 2 (n=0.15) 3/12/2024
River = River 2 Reach = Reach 2 RS = 2307



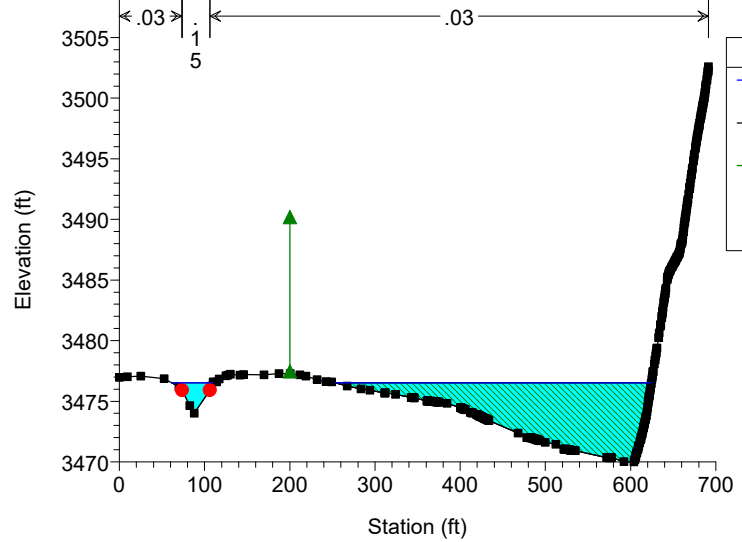
Starlight_Solar Plan: PR North 2 (n=0.15) 3/12/2024
River = River 2 Reach = Reach 2 RS = 2201



Starlight_Solar Plan: PR North 2 (n=0.15) 3/12/2024
River = River 2 Reach = Reach 2 RS = 2118

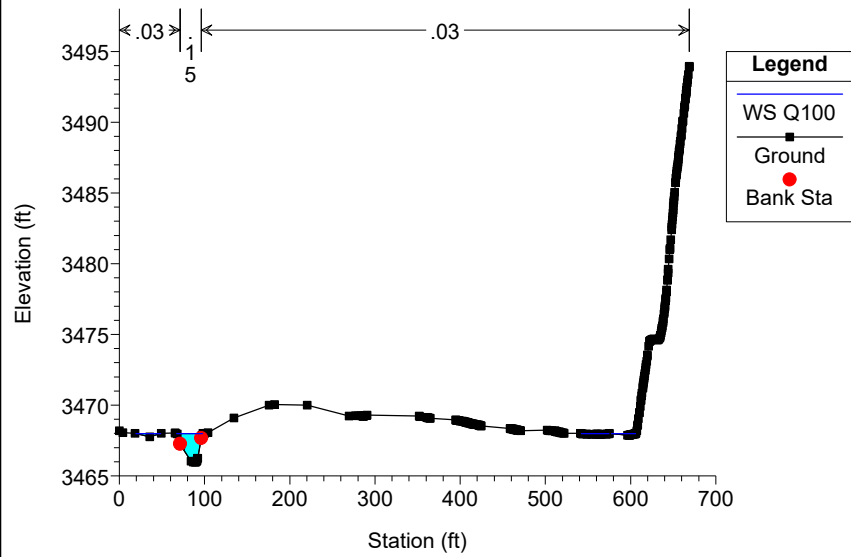


Starlight_Solar Plan: PR North 2 (n=0.15) 3/12/2024
River = River 2 Reach = Reach 2 RS = 2046

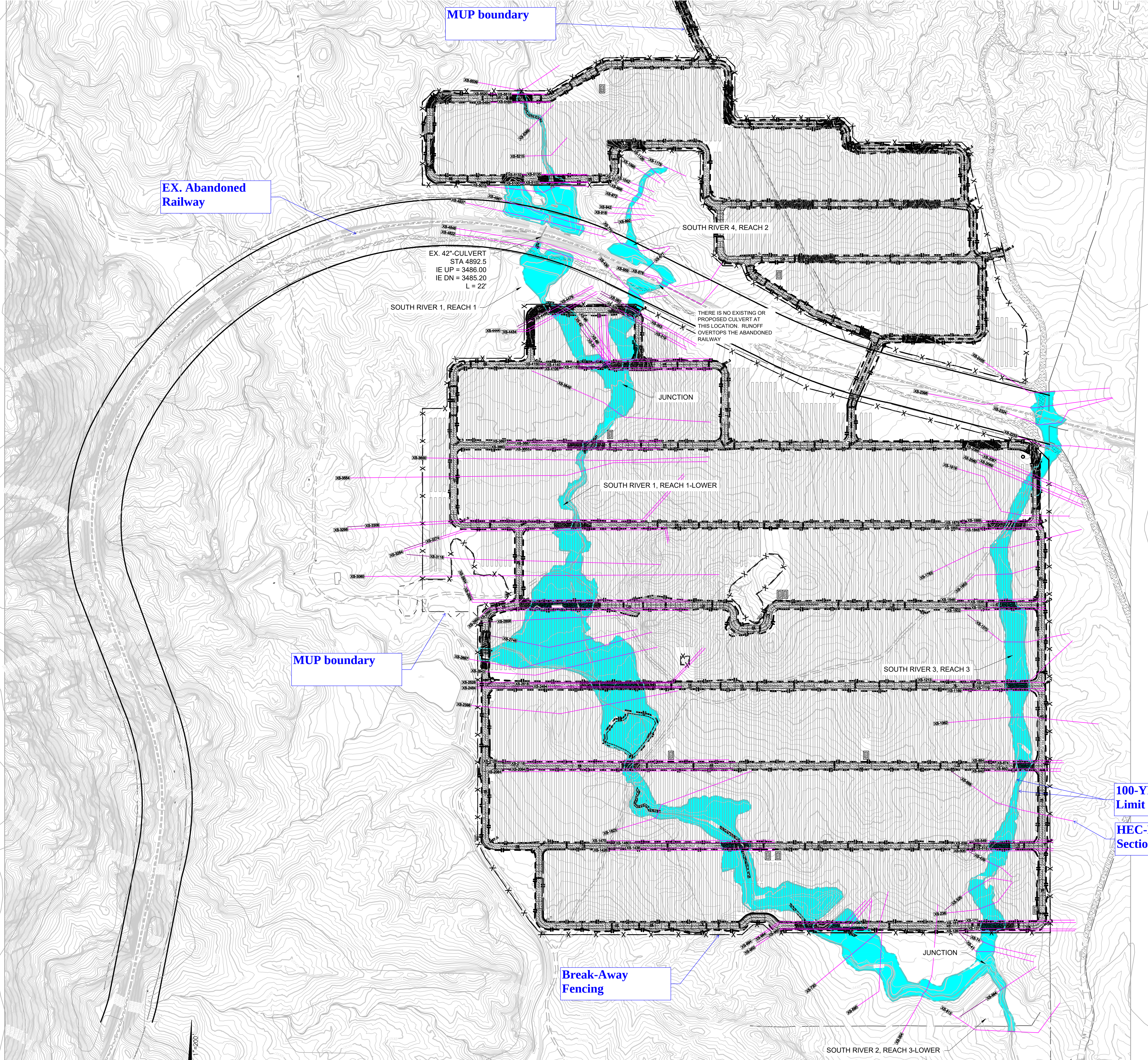


Starlight_Solar Plan: PR North 2 (n=0.15) 3/12/2024

River = River 2 Reach = Reach 2 RS = 1657



C:\USERS\PUBLIC\WORKING\185614_PR_MAPS_2024-02-26_AL-WORKING.DWG 3/13/2024 5:53 PM



South Proposed HEC-RAS Work Map

185614 - STARLIGHT SOLAR
100-YEAR LIMITS OF INUNDATION

Color included to help clarify
different Reaches

HEC-RAS Plan: PR South Profile: Q100

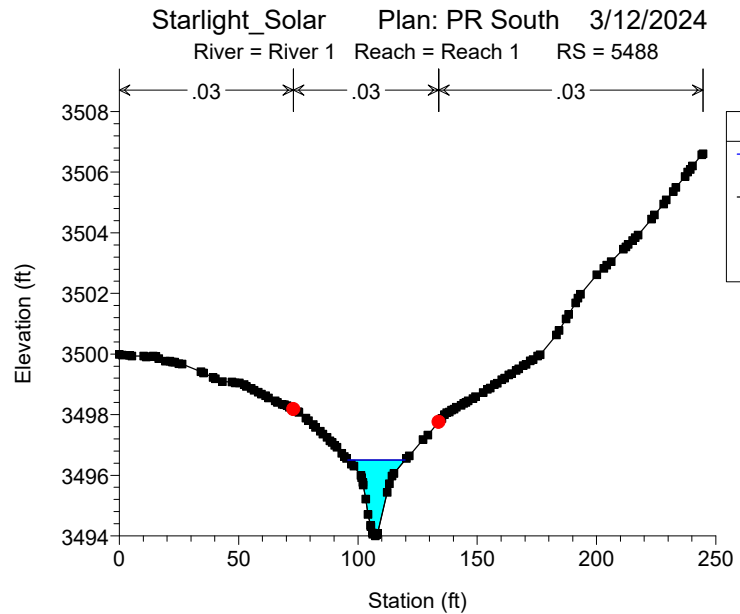
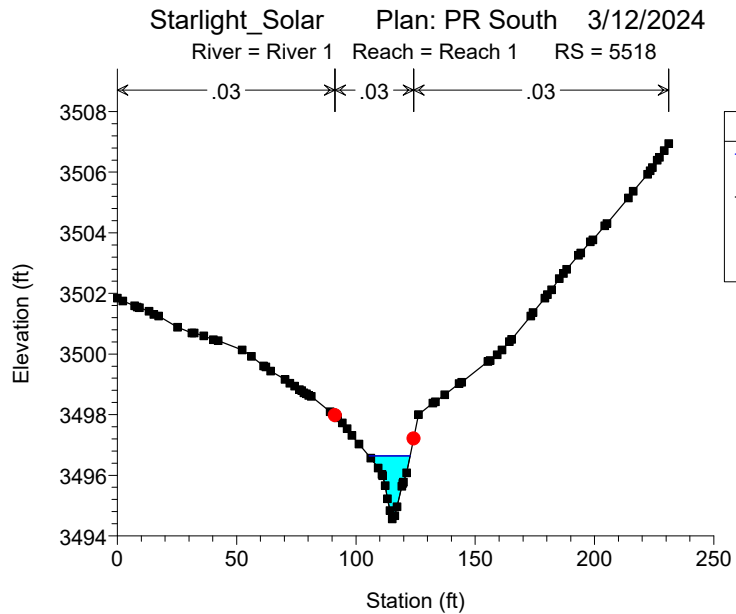
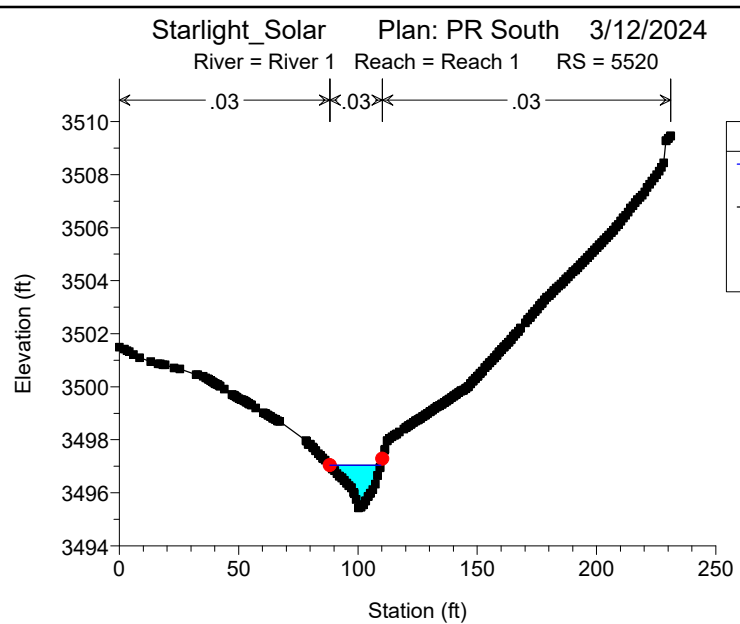
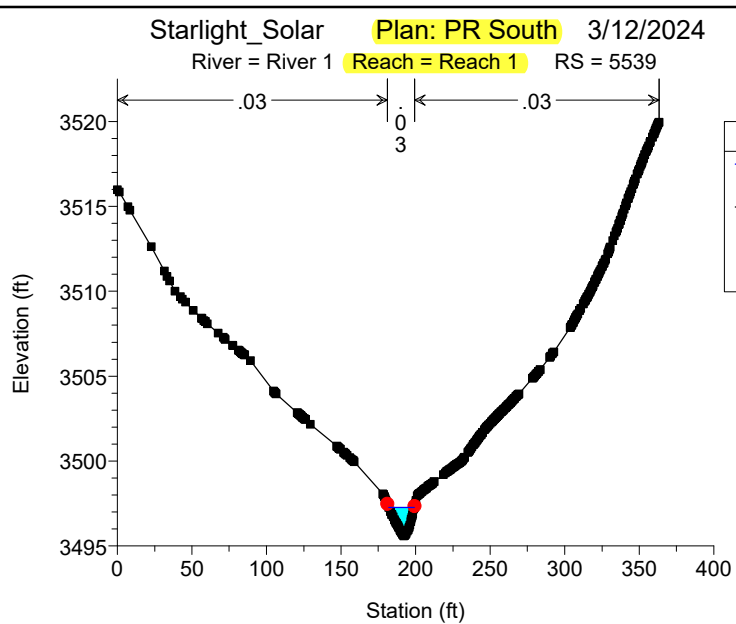
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 4	Reach 2	1179	Q100	9.70	3514.11	3514.68	0.57	0.0476	3514.68	3514.83	0.020518	3.12	3.11	10.60	1.01
River 4	Reach 2	1126	Q100	9.70	3511.58	3511.94	0.36	0.0652	3511.94	3512.06	0.024088	2.74	3.54	16.58	1.05
River 4	Reach 2	1095	Q100	9.70	3509.56	3509.94	0.38	0.0676	3509.94	3510.04	0.023293	2.63	3.69	17.98	1.02
River 4	Reach 2	1042	Q100	9.70	3506.00	3506.23	0.23	0.0480	3506.23	3506.34	0.022180	2.60	3.73	17.79	1.00
River 4	Reach 2	1017	Q100	9.70	3504.78	3505.19	0.41	0.0464	3505.19	3505.30	0.022378	2.71	3.58	16.11	1.02
River 4	Reach 2	998	Q100	9.70	3503.89	3504.24	0.35	0.0794	3504.24	3504.35	0.022415	2.59	3.74	18.06	1.00
River 4	Reach 2	972	Q100	9.70	3501.84	3502.21	0.37	0.0651	3502.21	3502.34	0.021065	2.84	3.42	13.75	1.00
River 4	Reach 2	942	Q100	9.70	3499.88	3500.45	0.57	0.0789	3500.45	3500.61	0.020103	3.18	3.05	9.93	1.01
River 4	Reach 2	918	Q100	9.70	3497.97	3498.20	0.23	0.0764	3498.20	3498.29	0.020516	2.46	3.94	19.28	0.96
River 4	Reach 2	892	Q100	9.70	3496.00	3496.34	0.34	0.0318	3496.34	3496.47	0.020495	2.88	3.37	13.02	1.00
River 4	Reach 2	770	Q100	9.70	3492.13	3492.52	0.39	0.0074		3492.52	0.000834	0.57	17.13	68.70	0.20
River 4	Reach 2	677	Q100	9.70	3491.44	3492.47	1.03	-0.0062		3492.48	0.000353	0.68	14.20	22.40	0.15
River 4	Reach 2	578	Q100	9.70	3492.06	3492.32	0.26	0.0169		3492.37	0.011647	1.88	5.17	24.79	0.73
River 4	Reach 2	559	Q100	9.70	3491.75	3492.00	0.25	0.0657	3492.00	3492.04	0.031216	1.59	6.10	78.83	1.01
River 4	Reach 2	430	Q100	9.70	3483.26	3483.43	0.17	0.0521	3483.43	3483.49	0.031272	2.03	4.79	43.01	1.07
River 4	Reach 2	363	Q100	9.70	3479.78	3479.95	0.17	0.0220	3479.95	3479.99	0.031006	1.68	5.77	54.22	0.91
River 4	Reach 2	353	Q100	9.70	3479.56	3479.74	0.18	0.0292	3479.74	3479.79	0.007352	1.87	5.17	49.88	1.03
River 4	Reach 2	329	Q100	9.70	3478.86	3479.04	0.18	0.0460	3479.04	3479.10	0.038272	1.93	5.02	44.77	1.02
River 4	Reach 2	319	Q100	9.70	3478.40	3478.58	0.18	0.0295	3478.57	3478.63	0.022170	1.78	5.45	46.35	0.91
River 4	Reach 2	96	Q100	9.70	3471.80	3472.05	0.25	0.0290	3472.05	3472.11	0.040092	1.95	4.97	45.02	1.04
River 4	Reach 2	86	Q100	9.70	3471.51	3471.80	0.29	0.0300	3471.80	3471.88	0.005819	2.31	4.19	24.71	0.99
River 4	Reach 2	62	Q100	9.70	3470.79	3471.09	0.30	0.0280	3471.09	3471.17	0.033017	2.22	4.37	28.38	1.00
River 4	Reach 2	52	Q100	9.70	3470.51	3470.94	0.43	0.0132		3470.95	0.002630	0.96	10.14	43.82	0.35
River 3	Reach 3	2455	Q100	53.00	3461.25	3461.64	0.39	0.0177	3461.59	3461.72	0.012930	2.34	22.69	84.91	0.80
River 3	Reach 3	2396	Q100	53.00	3460.22	3460.63	0.41	0.0327	3460.63	3460.74	0.022395	2.67	19.86	91.92	1.01
River 3	Reach 3	2324	Q100	53.00	3457.84	3458.14	0.30	0.0207	3458.14	3458.23	0.023747	2.46	21.58	118.24	1.01
River 3	Reach 3	2233	Q100	53.00	3455.97	3456.38	0.41	0.0208	3456.34	3456.49	0.013099	2.67	19.90	63.66	0.83
River 3	Reach 3	2095	Q100	53.00	3453.13	3453.85	0.72	0.0330	3453.85	3454.04	0.026000	3.52	15.06	40.56	1.02
River 3	Reach 3	2087	Q100	53.00	3452.80	3453.43	0.63	0.0333	3453.43	3453.61	0.004630	3.36	15.76	44.39	1.00
River 3	Reach 3	2069	Q100	53.00	3452.00	3452.53	0.53	0.0000		3452.62	0.010679	2.37	22.38	56.10	0.66
River 3	Reach 3	2060	Q100	53.00	3452.00	3452.50	0.50	0.0078		3452.55	0.003980	1.80	29.51	67.42	0.48
River 3	Reach 3	1919	Q100	53.00	3450.95	3451.36	0.41	0.0319	3451.36	3451.53	0.018989	3.30	16.06	47.71	1.00
River 3	Reach 3	1889	Q100	53.00	3450.00	3450.96	0.96	0.0000		3451.04	0.006558	2.29	23.15	42.56	0.55
River 3	Reach 3	1879	Q100	53.00	3450.00	3450.90	0.90	0.0000		3451.01	0.001550	2.61	20.33	37.16	0.62
River 3	Reach 3	1855	Q100	53.00	3450.00	3450.79	0.79	0.0000	3450.68	3450.93	0.012149	2.92	18.16	36.81	0.73
River 3	Reach 3	1845	Q100	53.00	3450.00	3450.57	0.57	0.0127	3450.57	3450.77	0.017864	3.58	14.81	37.59	1.00
River 3	Reach 3	1763	Q100	53.00	3448.95	3449.61	0.66	0.0095	3449.49	3449.68	0.007814	2.18	24.31	69.15	0.65
River 3	Reach 3	1653	Q100	53.00	3447.91	3448.24	0.32	0.0178	3448.24	3448.37	0.020081	2.94	18.02	66.36	1.00
River 3	Reach 3	1546	Q100	53.00	3446.00	3446.77	0.77	0.0000		3446.82	0.003816	1.76	30.06	55.19	0.42
River 3	Reach 3	1536	Q100	53.00	3446.00	3446.77	0.77	0.0000		3446.80	0.000549	1.49	35.65	69.54	0.37
River 3	Reach 3	1512	Q100	53.00	3446.00	3446.74	0.74	0.0000		3446.78	0.003179	1.50	35.34	71.21	0.38
River 3	Reach 3	1502	Q100	53.00	3446.00	3446.74	0.74	0.0000		3446.76	0.001052	1.03	51.54	100.61	0.25
River 3	Reach 3	1370	Q100	53.00	3446.00	3446.25	0.24	0.0128	3446.25	3446.36	0.021697	2.74	19.35	84.09	1.01
River 3	Reach 3	1213	Q100	53.00	3444.00	3444.45	0.45	0.0000		3444.48	0.003471	1.38	38.46	93.99	0.38
River 3	Reach 3	1203	Q100	53.00	3444.00	3444.43	0.43	0.0000		3444.47	0.000714	1.45	36.46	89.52	0.40
River 3	Reach 3	1179	Q100	53.00	3444.00	3444.39	0.39	0.0000		3444.43	0.005636	1.62	32.82	91.23	0.47
River 3	Reach 3	1169	Q100	53.00	3444.00	3444.25	0.25	0.0187	3444.22	3444.34	0.016129	2.39	22.15	94.39	0.87
River 3	Reach 3	1062	Q100	53.00	3442.00	3442.52	0.52	0.0116	3442.49	3442.67	0.015104	3.07	17.26	48.14	0.90
River 3	Reach 3	884	Q100	53.00	3439.94	3440.37	0.43	-0.0060		3440.44	0.010272	2.19	24.15	66.27	0.64
River 3	Reach 3	874	Q100	53.00	3440.00	3440.25	0.25	0.0587	3440.25	3440.37	0.005269	2.78	19.04	78.95	1.00
River 3	Reach 3	850	Q100	53.00	3438.59	3439.17	0.58	0.0400	3439.17	3439.36	0.024711	3.49	15.21	40.27	1.00
River 3	Reach 3	840	Q100	53.00	3438.19	3438.97	0.78	0.0147	3438.92	3439.14	0.012960	3.29	16.09	35.98	0.87
River 3	Reach 3	688	Q100	53.00	3435.97	3436.67	0.70	0.0154	3436.67	3436.91	0.016800	3.92	13.51	28.23	1.00

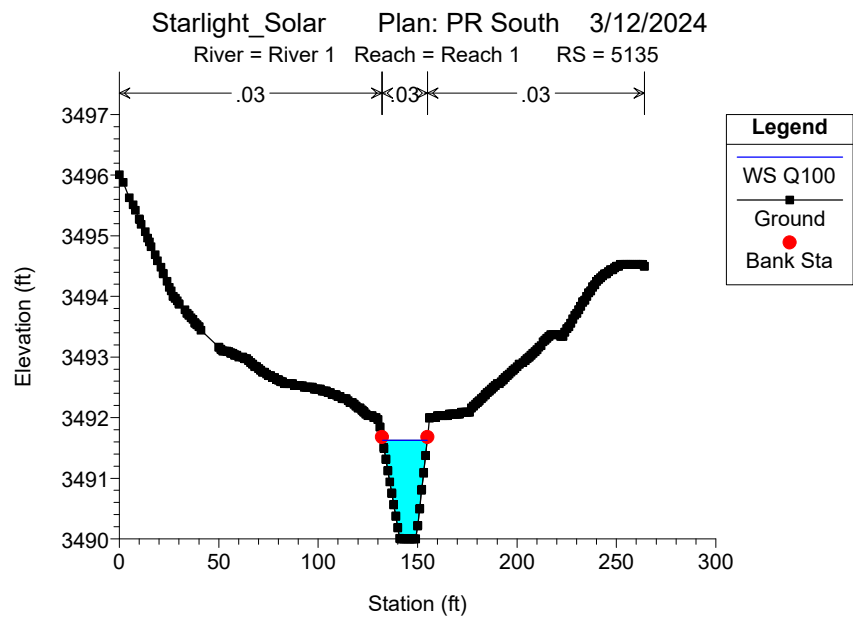
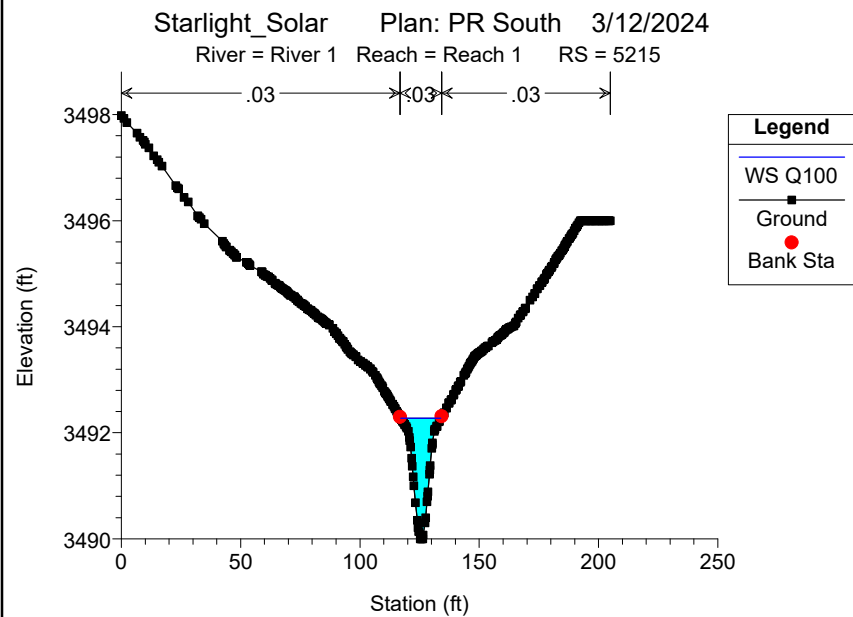
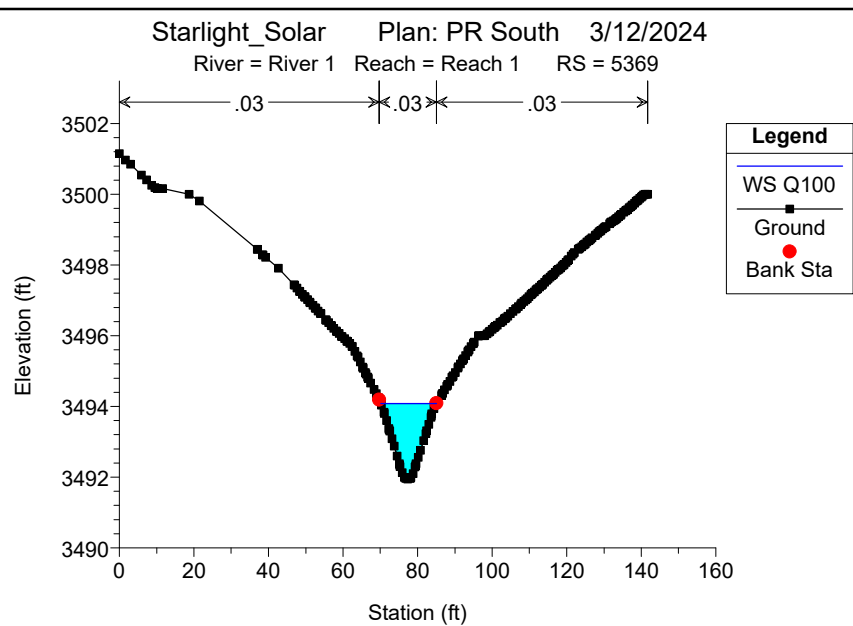
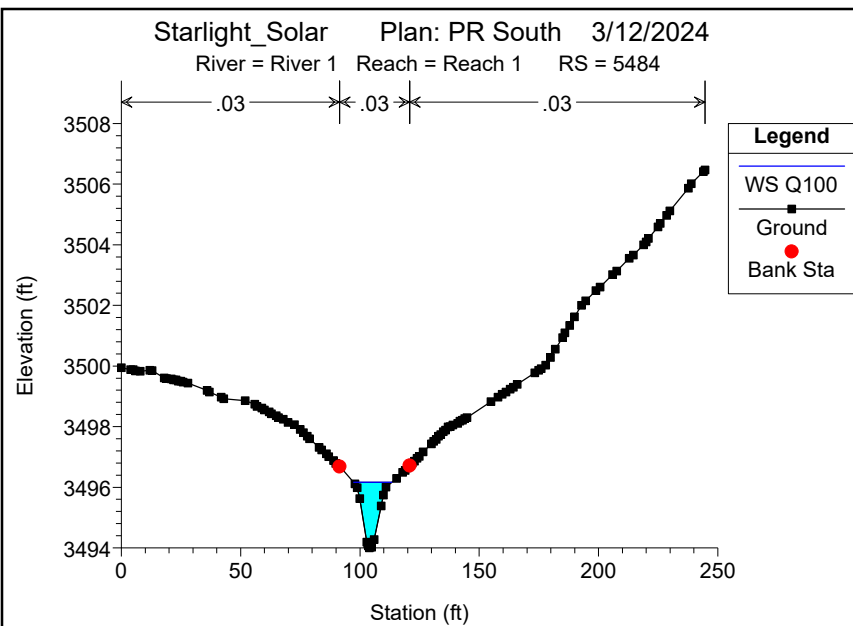
HEC-RAS Plan: PR South Profile: Q100 (Continued)

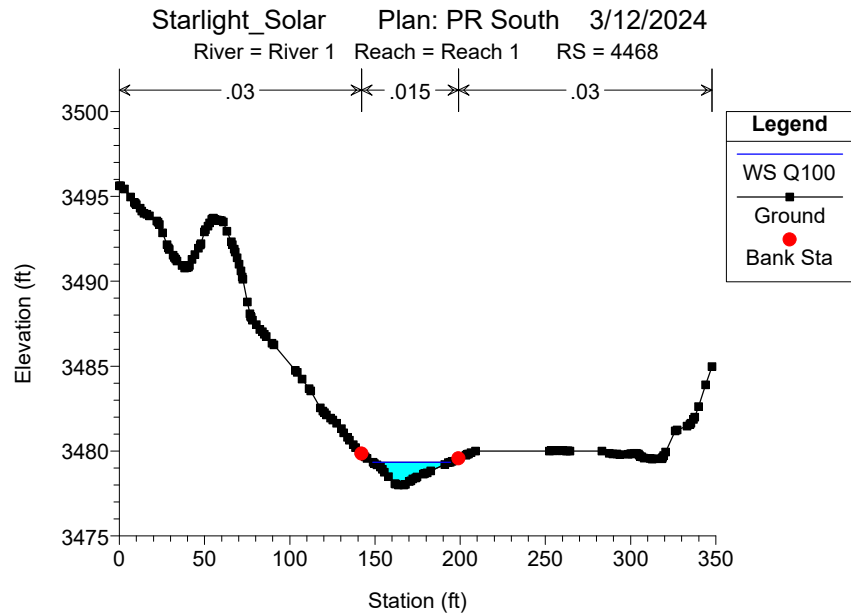
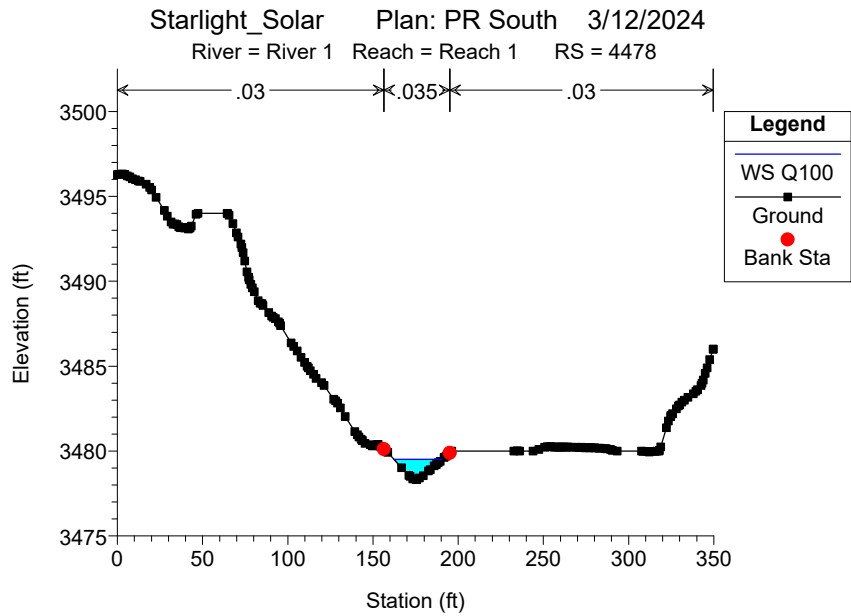
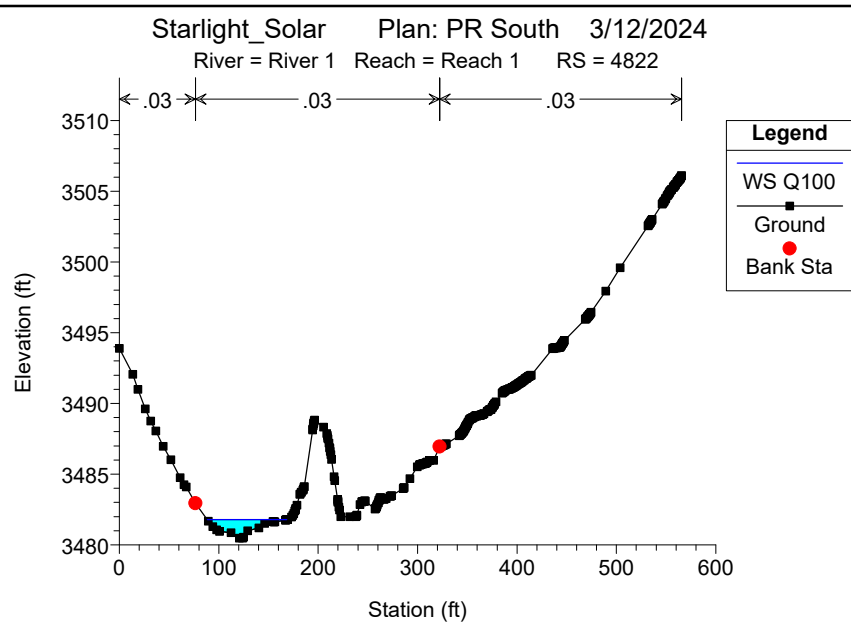
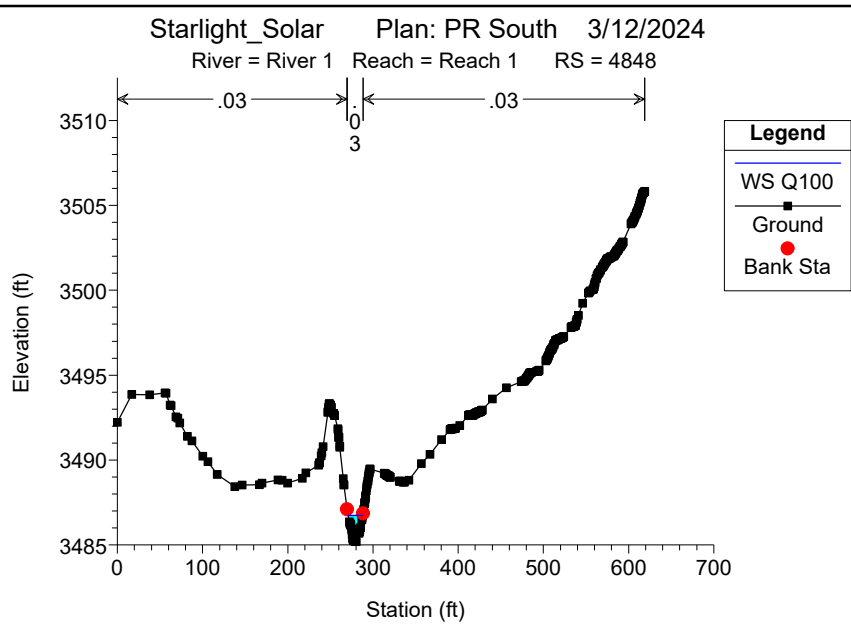
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 3	Reach 3	549	Q100	53.00	3433.82	3434.42	0.60	-0.0180		3434.45	0.002599	1.26	42.01	94.36	0.33
River 3	Reach 3	539	Q100	53.00	3434.00	3434.39	0.39	0.0083		3434.43	0.001244	1.67	31.69	95.65	0.51
River 3	Reach 3	515	Q100	53.00	3433.80	3434.24	0.44	0.1040	3434.24	3434.34	0.029849	2.56	20.73	100.67	0.99
River 3	Reach 3	505	Q100	53.00	3432.76	3433.18	0.42	0.0273	3433.18	3433.32	0.020205	2.97	17.84	65.10	1.00
River 3	Reach 3	439	Q100	53.00	3430.98	3431.65	0.67	0.0167	3431.65	3431.83	0.018054	3.43	15.45	41.67	0.99
River 3	Reach 3	326	Q100	53.00	3429.10	3429.52	0.42	0.0233	3429.52	3429.65	0.020428	2.91	18.21	69.08	1.00
River 3	Reach 3	236	Q100	53.00	3427.00	3427.51	0.51	0.0179	3427.51	3427.66	0.020757	3.09	17.17	60.30	1.02
River 3	Reach 3	171	Q100	53.00	3425.84	3426.38	0.54	-0.0160		3426.41	0.003671	1.43	36.96	88.77	0.39
River 3	Reach 3	161	Q100	53.00	3426.00	3426.35	0.35	0.0000		3426.39	0.001115	1.60	33.21	99.10	0.49
River 3	Reach 3	137	Q100	53.00	3426.00	3426.21	0.21	0.1320	3426.21	3426.31	0.030895	2.53	20.94	106.04	1.00
River 3	Reach 3	128	Q100	53.00	3424.68	3425.25	0.57	0.0263	3425.25	3425.40	0.019659	3.09	17.17	57.90	1.00
River 3	Reach 3	74	Q100	53.00	3423.27	3423.82	0.54	0.0332	3423.82	3423.98	0.019576	3.23	16.40	51.49	1.01
River 3	Reach 3	41	Q100	53.00	3422.19	3422.62	0.43	0.2471	3422.62	3422.75	0.020969	2.92	18.15	69.83	1.01
River 2	Reach 3-Lower	994	Q100	659.00	3412.00	3415.83	3.83	0.0112	3415.83	3417.17	0.010431	9.26	71.14	27.04	1.01
River 2	Reach 3-Lower	813	Q100	659.00	3409.97	3413.75	3.77		3413.75	3415.08	0.010578	9.27	71.06	27.24	1.01
River 1	Reach 1	5539	Q100	87.30	3495.59	3497.27	1.68	0.0088	3497.23	3497.70	0.012533	5.30	16.46	17.19	0.96
River 1	Reach 1	5520	Q100	87.30	3495.43	3497.04	1.61	0.3782	3497.04	3497.45	0.014779	5.13	17.03	21.33	1.01
River 1	Reach 1	5518	Q100	87.30	3494.56	3496.64	2.08	0.0184	3496.64	3497.11	0.014493	5.52	15.82	17.18	1.01
River 1	Reach 1	5488	Q100	87.30	3494.00	3496.50	2.50	0.0000		3496.71	0.005826	3.68	23.71	23.93	0.65
River 1	Reach 1	5484	Q100	87.30	3494.00	3496.16	2.16	0.0177	3496.16	3496.65	0.014059	5.60	15.59	15.99	1.00
River 1	Reach 1	5369	Q100	87.30	3491.95	3494.08	2.13	0.0127		3494.47	0.008664	4.98	17.53	14.95	0.81
River 1	Reach 1	5215	Q100	87.30	3490.00	3492.28	2.28	0.0000	3492.28	3492.76	0.014788	5.56	15.71	16.82	1.01
River 1	Reach 1	5135	Q100	87.30	3490.00	3491.63	1.63	0.0000		3491.82	0.004414	3.49	25.00	22.45	0.58
River 1	Reach 1	5132	Q100	87.30	3490.00	3491.34	1.34	0.0000	3491.29	3491.77	0.012261	5.28	16.52	16.68	0.94
River 1	Reach 1	5102	Q100	87.30	3490.00	3491.44	1.43	0.0000	3491.01	3491.50	0.003088	2.04	45.86	100.39	0.45
River 1	Reach 1	5100	Q100	87.30	3490.00	3491.46	1.45	0.0443		3491.48	0.000783	1.47	77.31	140.44	0.25
River 1	Reach 1	5075	Q100	87.30	3488.92	3491.47	3.59	0.0270		3491.47	0.000009	0.23	397.58	242.52	0.03
River 1	Reach 1	4967	Q100	87.30	3486.00	3491.47	5.47	0.0000		3491.47	0.000000	0.08	1306.34	314.96	0.01
River 1	Reach 1	4937	Q100	87.30	3486.00	3491.47	5.47	0.0091	3486.34	3491.47	0.000001	0.14	634.68	333.74	0.01
River 1	Reach 1	4892.5		Culvert											
River 1	Reach 1	4848	Q100	87.30	3485.19	3486.73	1.54	0.1784	3486.73	3487.20	0.014027	5.52	15.82	16.97	1.01
River 1	Reach 1	4822	Q100	87.30	3480.48	3481.78	1.30	0.0063		3481.83	0.002599	1.81	48.36	79.94	0.41
River 1	Reach 1	4478	Q100	87.30	3478.31	3479.50	1.19	0.0310	3479.50	3479.84	0.021272	4.69	18.62	28.15	1.02
River 1	Reach 1	4468	Q100	87.30	3478.00	3479.34	1.34	0.0000		3479.46	0.001312	2.79	31.30	45.58	0.59
River 1	Reach 1	4444	Q100	87.30	3478.00	3479.20	1.20	0.0000	3479.20	3479.39	0.010927	3.76	28.90	81.93	0.75
River 1	Reach 1	4434	Q100	87.30	3478.00	3478.95	0.95	0.0186	3478.95	3479.12	0.010030	3.78	30.48	89.56	0.82
River 1	Reach 1	4150	Q100	87.30	3472.72	3473.16	0.44	0.0260	3473.16	3473.32	0.025830	3.23	27.09	84.57	1.00
River 1	Reach 1	4140	Q100	87.30	3472.46	3472.92	0.46	0.0192	3472.92	3473.08	0.004734	3.21	27.18	84.16	1.00
River 1	Reach 1	4116	Q100	87.30	3472.00	3472.54	0.54	0.0010		3472.62	0.008406	2.20	39.69	94.09	0.59
River 1	Reach 1	4106	Q100	87.30	3471.99	3472.33	0.34	0.0336	3472.33	3472.48	0.020334	3.12	27.94	94.89	1.02
River 1	Reach 1-Lower	3849	Q100	97.00	3468.00	3468.51	0.51	0.0262	3468.49	3468.68	0.015071	3.31	29.32	75.12	0.92
River 1	Reach 1-Lower	3697	Q100	97.00	3464.00	3465.61	1.61	0.0000	3465.61	3466.05	0.019559	5.34	18.16	20.96	1.01
River 1	Reach 1-Lower	3687	Q100	97.00	3464.00	3465.25	1.25	0.0000		3465.31	0.000406	1.91	50.76	54.04	0.35
River 1	Reach 1-Lower	3663	Q100	97.00	3464.00	3465.23	1.23	0.0020		3465.29	0.002369	1.96	49.52	53.54	0.36
River 1	Reach 1-Lower	3653	Q100	97.00	3463.98	3464.90	0.91	0.0384	3464.90	3465.21	0.015646	4.51	21.50	34.52	1.01
River 1	Reach 1-Lower	3600	Q100	97.00	3461.97	3464.18	2.21	0.0017		3464.31	0.002739	2.91	33.37	27.60	0.47
River 1	Reach 1-Lower	3554	Q100	97.00	3461.89	3463.50	1.61	0.0160	3463.50	3464.03	0.013553	5.85	16.58	15.78	1.01
River 1	Reach 1-Lower	3308	Q100	97.00	3457.97	3459.24	1.27	0.0030	3459.24	3459.67	0.019257	5.23	18.56	21.99	1.00
River 1	Reach 1-Lower	3298	Q100	97.00	3457.94	3459.07	1.13	0.0396	3459.07	3459.43	0.003739	4.81	20.15	28.31	1.01
River 1	Reach 1-Lower	3274	Q100	97.00	3456.99	3458.41	1.42	0.0990	3458.37	3458.66	0.018580	4.03	24.05	41.10	0.93
River 1	Reach 1-Lower	3264	Q100	97.00	3456.00	3458.29	2.29	0.0137	3458.29	3458.47	0.015617	3.42	30.50	114.44	0.94
River 1	Reach 1-Lower	3118	Q100	97.00	3454.00	3454.65	0.65	0.0165	3454.65	3454.88	0.017058	3.81	25.47	56.37	1.00
River 1	Reach 1-Lower	3060	Q100	97.00	3453.05	3453.50	0.45	0.0185	3453.46	3453.58	0.011742	2.23	43.47	162.47	0.76

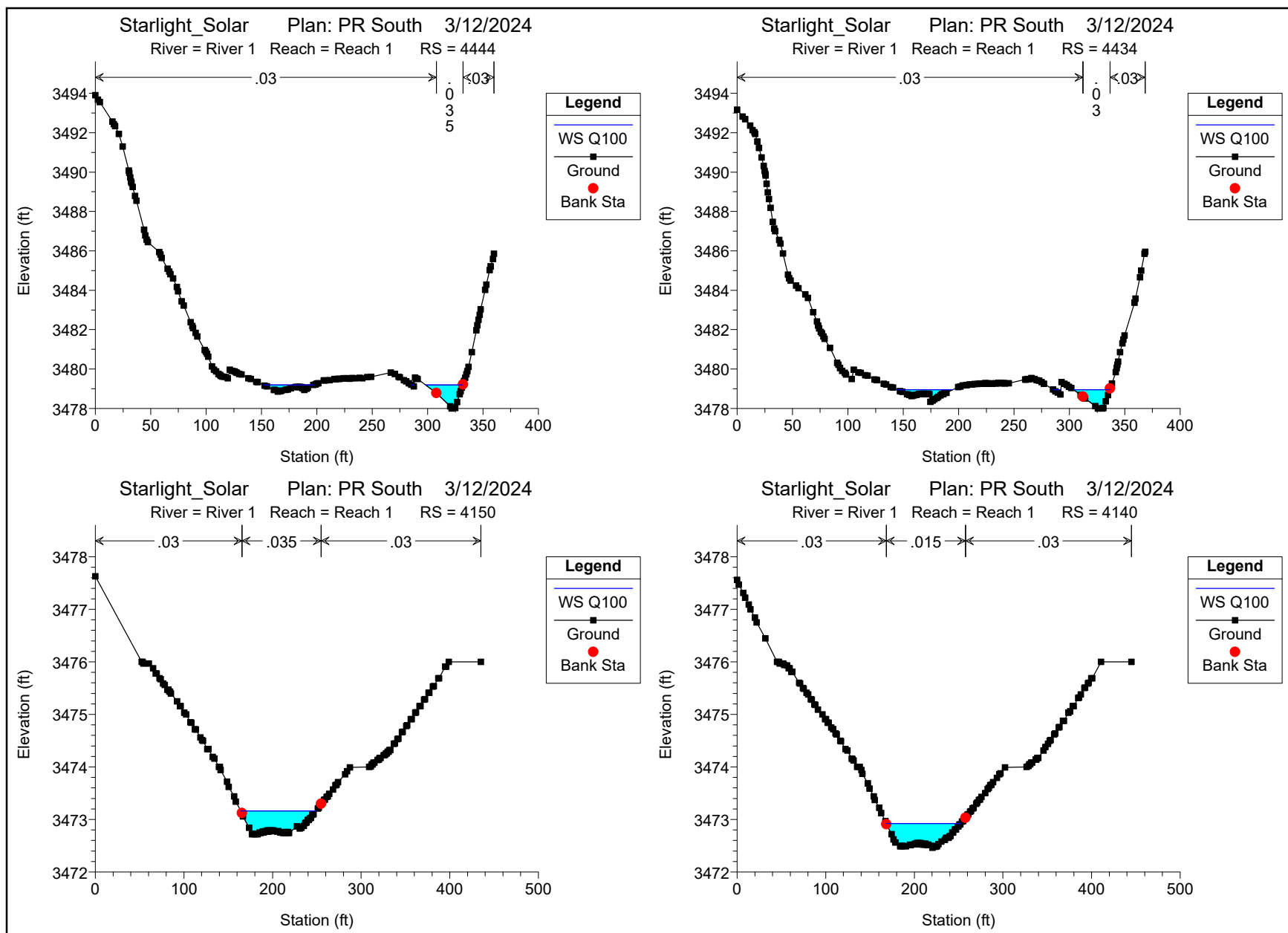
HEC-RAS Plan: PR South Profile: Q100 (Continued)

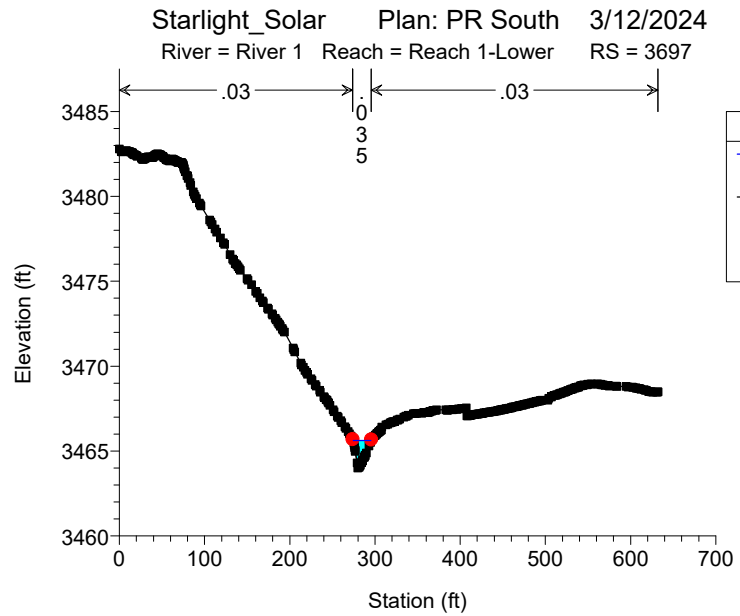
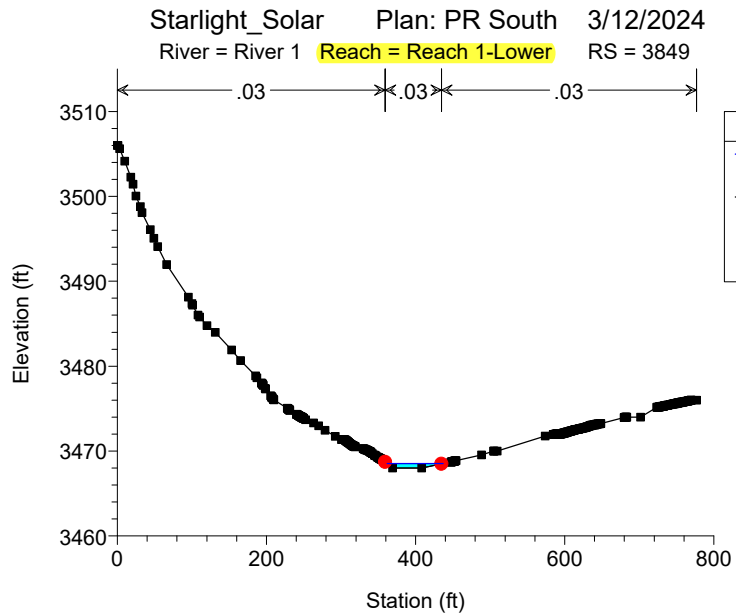
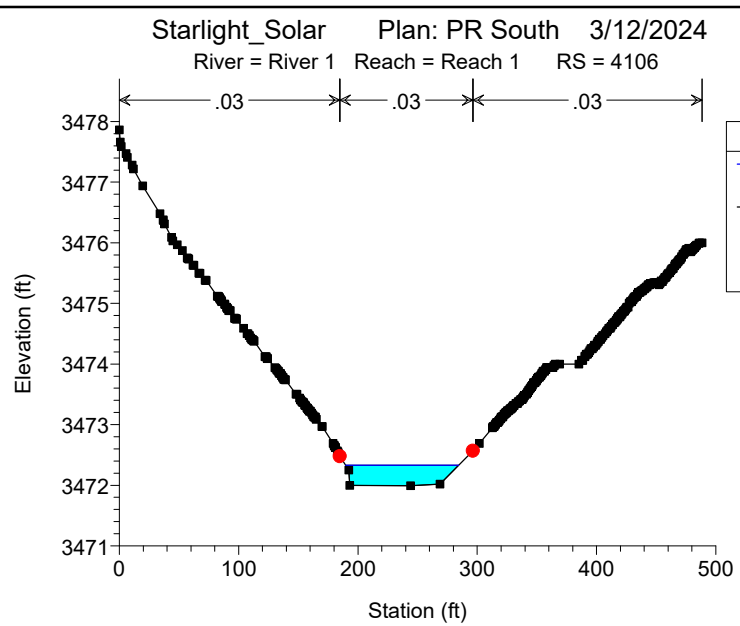
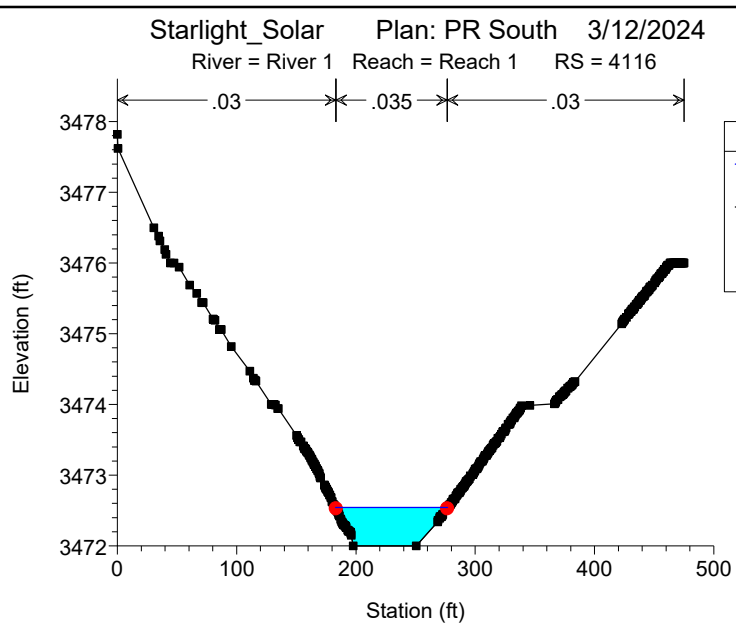
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 1	Reach 1-Lower	2934	Q100	117.00	3450.71	3451.10	0.39	0.0270	3451.10	3451.21	0.030484	2.65	44.17	206.73	1.01
River 1	Reach 1-Lower	2924	Q100	117.00	3450.44	3450.88	0.44	0.0025		3450.95	0.002238	1.98	59.04	214.71	0.67
River 1	Reach 1-Lower	2900	Q100	117.00	3450.38	3450.71	0.33	0.0380	3450.71	3450.81	0.031903	2.51	46.68	245.57	1.01
River 1	Reach 1-Lower	2890	Q100	117.00	3450.00	3450.24	0.24	0.0252	3450.21	3450.32	0.015099	2.23	52.62	241.96	0.83
River 1	Reach 1-Lower	2856	Q100	117.00	3449.15	3449.59	0.44	0.0273	3449.59	3449.70	0.021850	2.72	43.02	194.50	1.01
River 1	Reach 1-Lower	2746	Q100	117.00	3446.15	3447.31	1.16	0.0049		3447.34	0.002804	1.54	76.06	169.29	0.40
River 1	Reach 1-Lower	2697	Q100	489.00	3445.91	3446.59	0.68	0.0355	3446.59	3446.79	0.018457	3.60	135.88	347.36	1.01
River 1	Reach 1-Lower	2643	Q100	489.00	3444.00	3445.13	1.13	0.0174	3445.13	3445.40	0.016663	4.19	116.59	219.12	1.01
River 1	Reach 1-Lower	2528	Q100	489.00	3442.00	3443.16	1.16	0.0000		3443.30	0.005794	3.01	162.40	180.50	0.56
River 1	Reach 1-Lower	2518	Q100	489.00	3442.00	3443.13	1.13	0.0000		3443.28	0.001179	3.09	158.02	182.00	0.59
River 1	Reach 1-Lower	2494	Q100	489.00	3442.00	3443.06	1.06	0.0000		3443.22	0.007212	3.16	154.58	188.10	0.62
River 1	Reach 1-Lower	2484	Q100	489.00	3442.00	3442.78	0.78	0.0156	3442.78	3443.10	0.015378	4.51	108.39	172.16	1.00
River 1	Reach 1-Lower	2398	Q100	489.00	3440.66	3442.10	1.44	0.0099		3442.25	0.004619	3.04	160.84	187.35	0.58
River 1	Reach 1-Lower	2128	Q100	659.00	3438.00	3439.26	1.26	0.0000	3439.26	3439.80	0.017572	5.93	111.07	102.42	1.00
River 1	Reach 1-Lower	2118	Q100	659.00	3438.00	3439.07	1.07	0.0000	3439.07	3439.56	0.003312	5.57	118.27	122.27	1.00
River 1	Reach 1-Lower	2094	Q100	659.00	3438.00	3438.95	0.95	0.0370	3438.95	3439.35	0.019160	5.10	129.31	160.04	1.00
River 1	Reach 1-Lower	2084	Q100	659.00	3437.63	3438.71	1.08	0.0216	3438.71	3439.09	0.014933	4.94	133.35	180.70	1.01
River 1	Reach 1-Lower	1823	Q100	659.00	3432.00	3435.63	3.62	0.0057	3434.91	3436.10	0.004201	5.55	118.66	51.49	0.64
River 1	Reach 1-Lower	1470	Q100	659.00	3430.00	3432.86	2.86	0.0000	3432.86	3433.43	0.017421	6.06	108.82	96.42	1.00
River 1	Reach 1-Lower	1460	Q100	659.00	3430.00	3432.84	2.84	0.0000		3433.10	0.001100	4.05	162.72	118.59	0.61
River 1	Reach 1-Lower	1436	Q100	659.00	3430.00	3432.81	2.81	0.0000		3433.04	0.004984	3.84	171.55	122.69	0.56
River 1	Reach 1-Lower	1426	Q100	659.00	3430.00	3432.59	2.59	0.0087	3432.26	3432.97	0.007087	4.91	134.24	104.71	0.76
River 1	Reach 1-Lower	994	Q100	659.00	3426.24	3428.24	1.99	0.0240	3428.24	3428.72	0.014353	5.64	120.38	136.25	0.92
River 1	Reach 1-Lower	984	Q100	659.00	3426.00	3427.74	1.74	0.0000	3427.74	3428.27	0.003261	5.83	113.01	107.91	1.00
River 1	Reach 1-Lower	960	Q100	659.00	3426.00	3427.32	1.32	0.0000	3427.32	3427.75	0.018781	5.31	124.12	142.30	1.00
River 1	Reach 1-Lower	950	Q100	659.00	3426.00	3427.15	1.15	0.0098	3427.15	3427.57	0.014102	5.23	125.90	149.93	1.01
River 1	Reach 1-Lower	730	Q100	659.00	3423.84	3425.16	1.32	0.0274		3425.40	0.005800	3.89	169.51	161.88	0.67
River 1	Reach 1-Lower	590	Q100	659.00	3420.00	3423.72	3.72	0.0070	3423.68	3424.50	0.006225	8.09	105.43	63.03	0.81
River 1	Reach 1-Lower	304	Q100	659.00	3418.00	3421.39	3.39	0.0141	3421.39	3422.10	0.011778	6.77	97.36	68.41	1.00

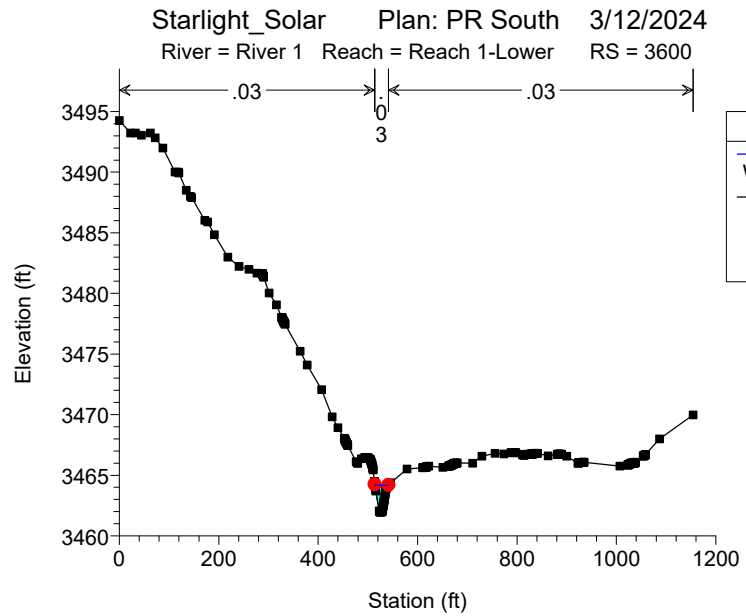
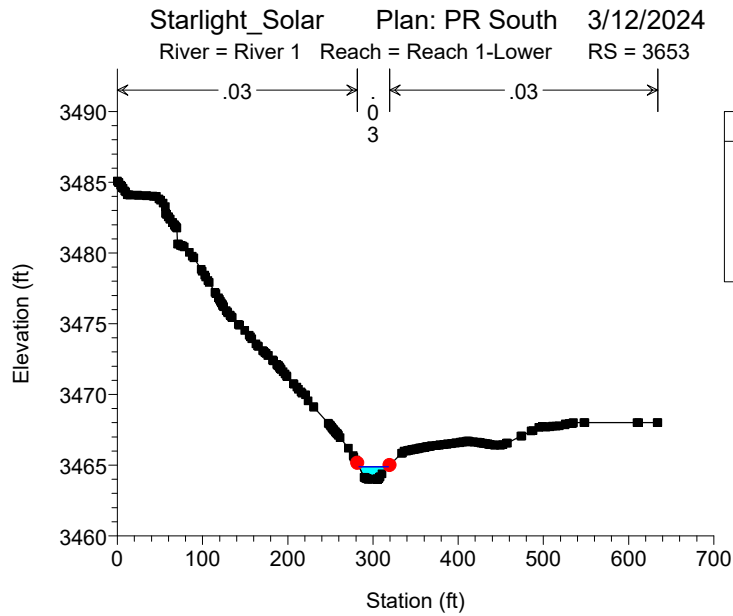
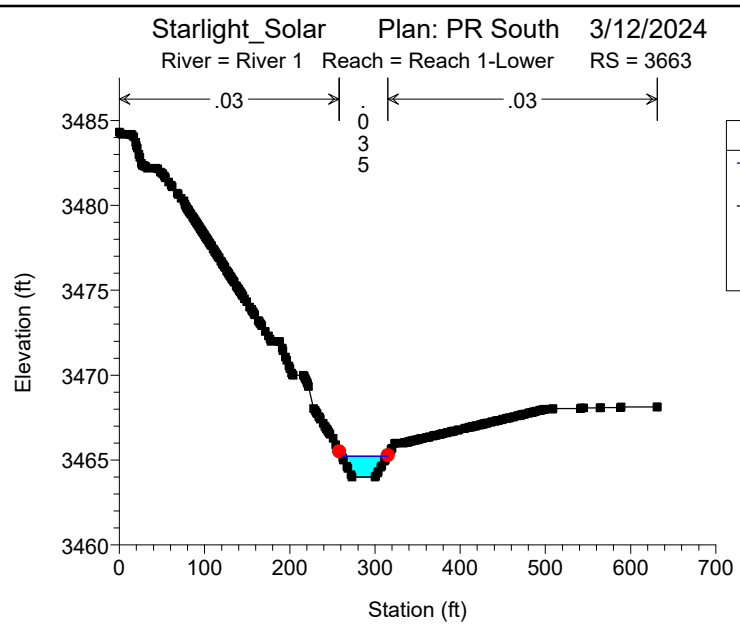
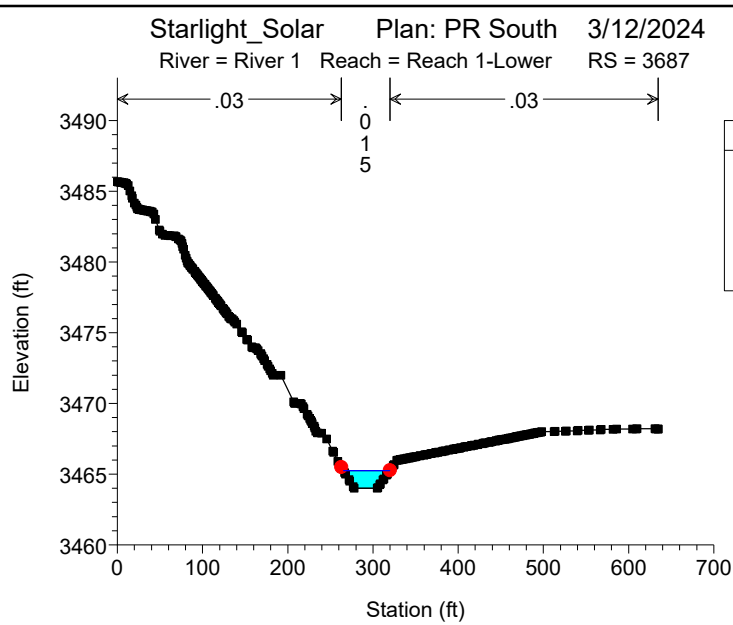


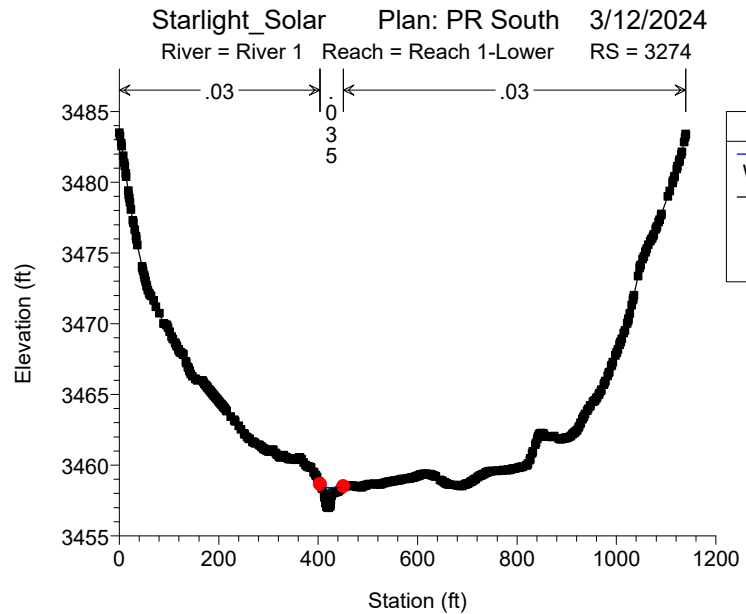
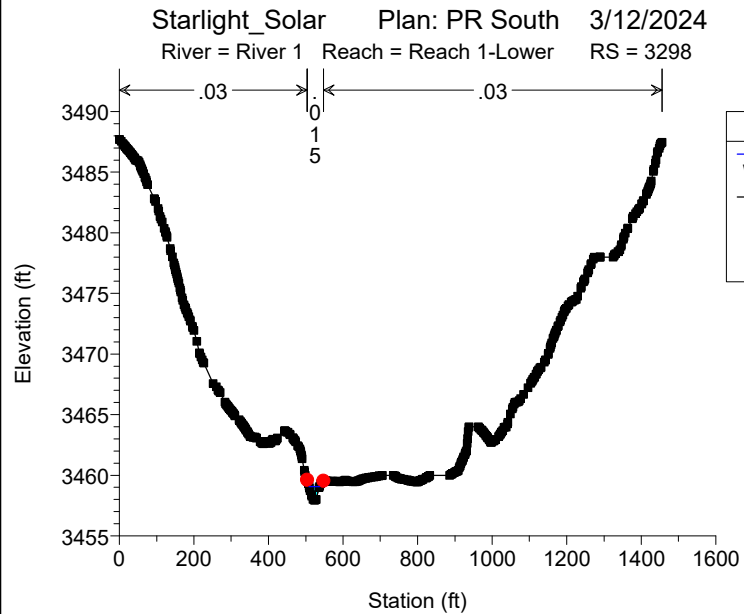
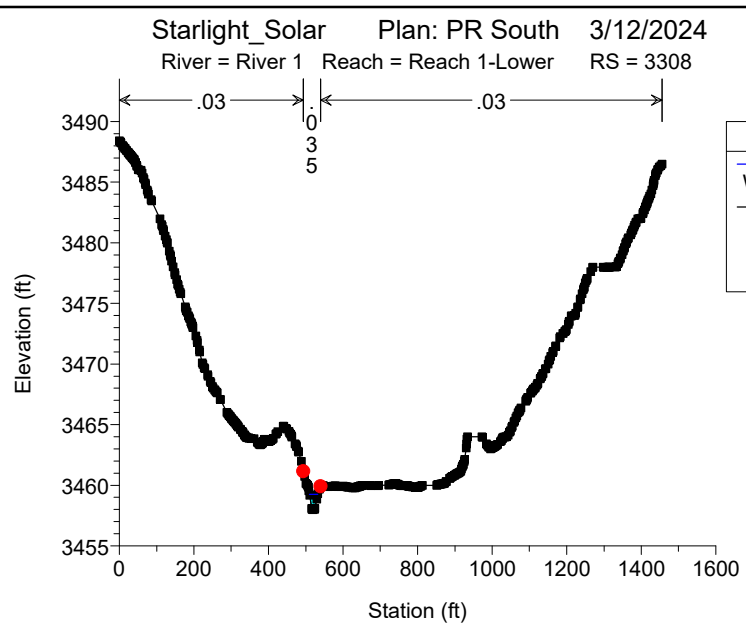
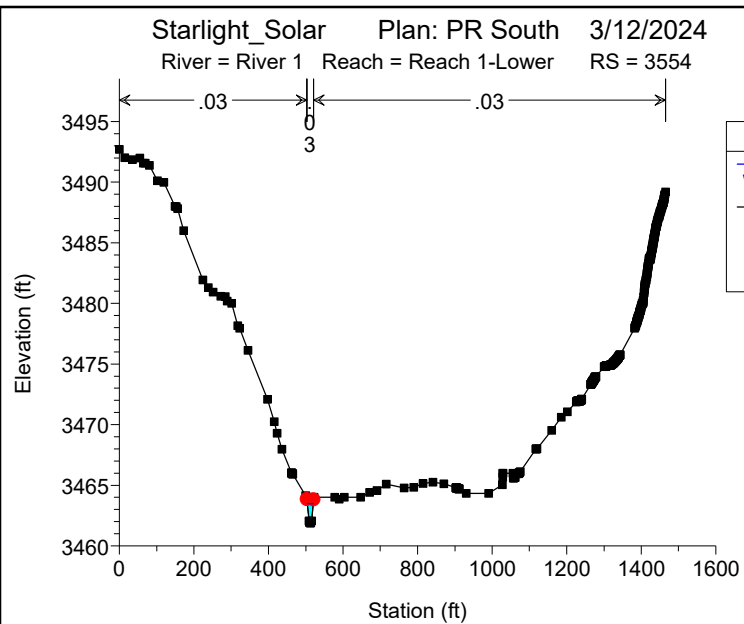


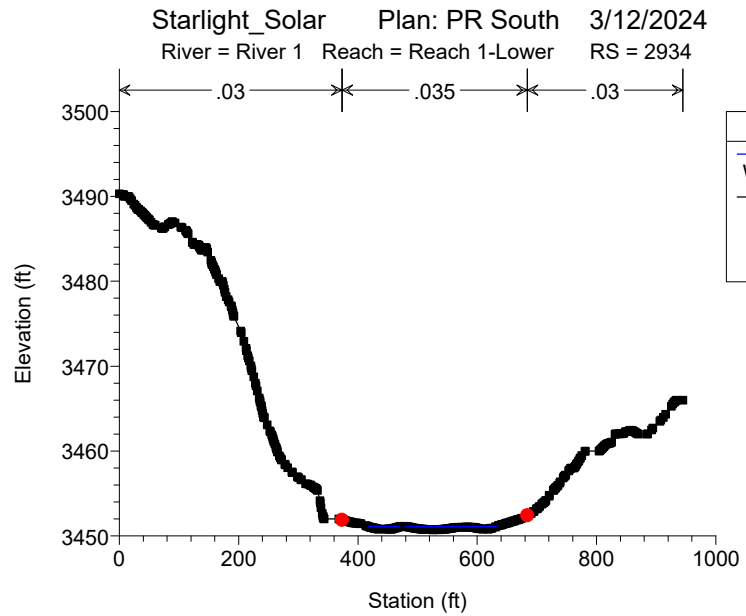
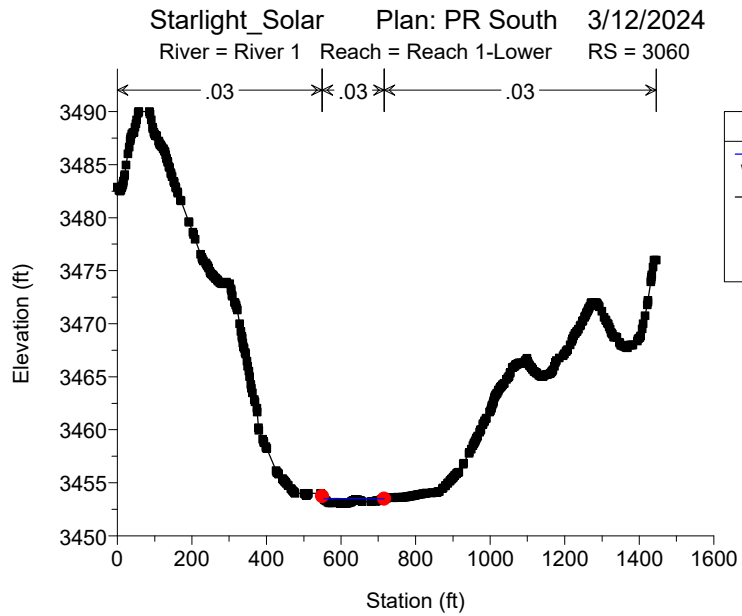
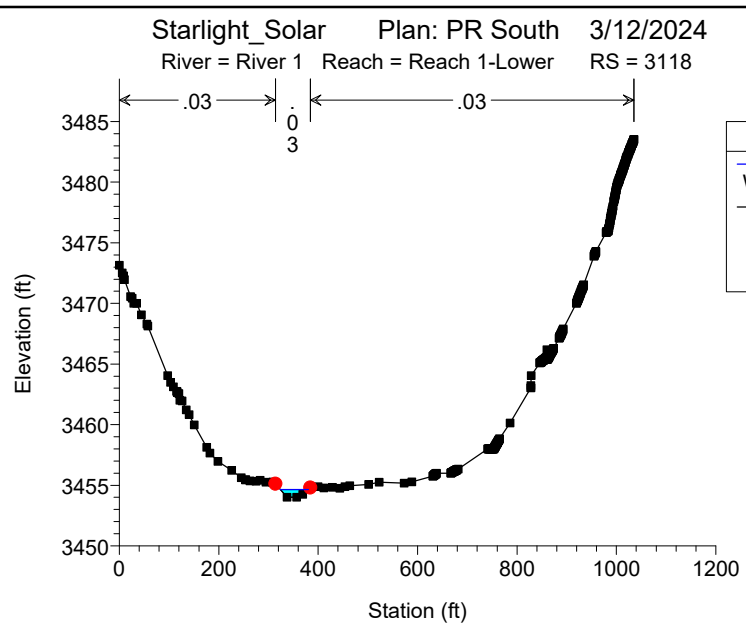
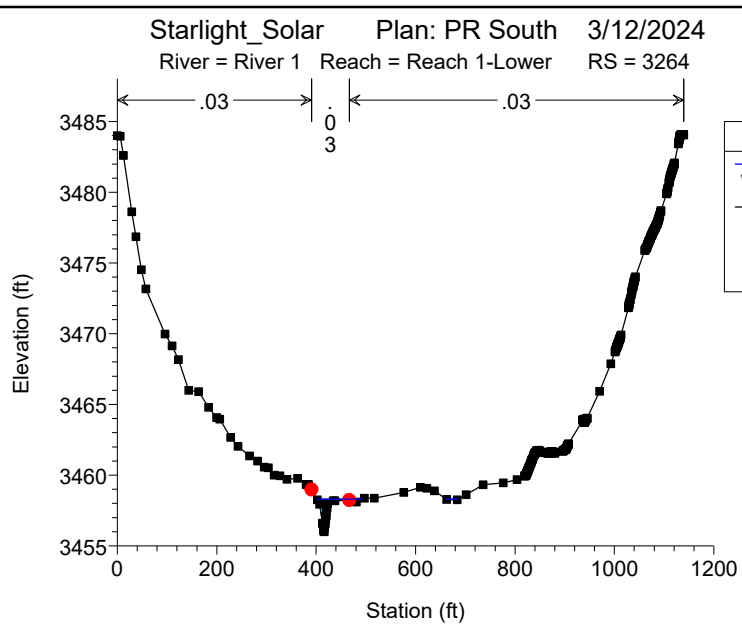


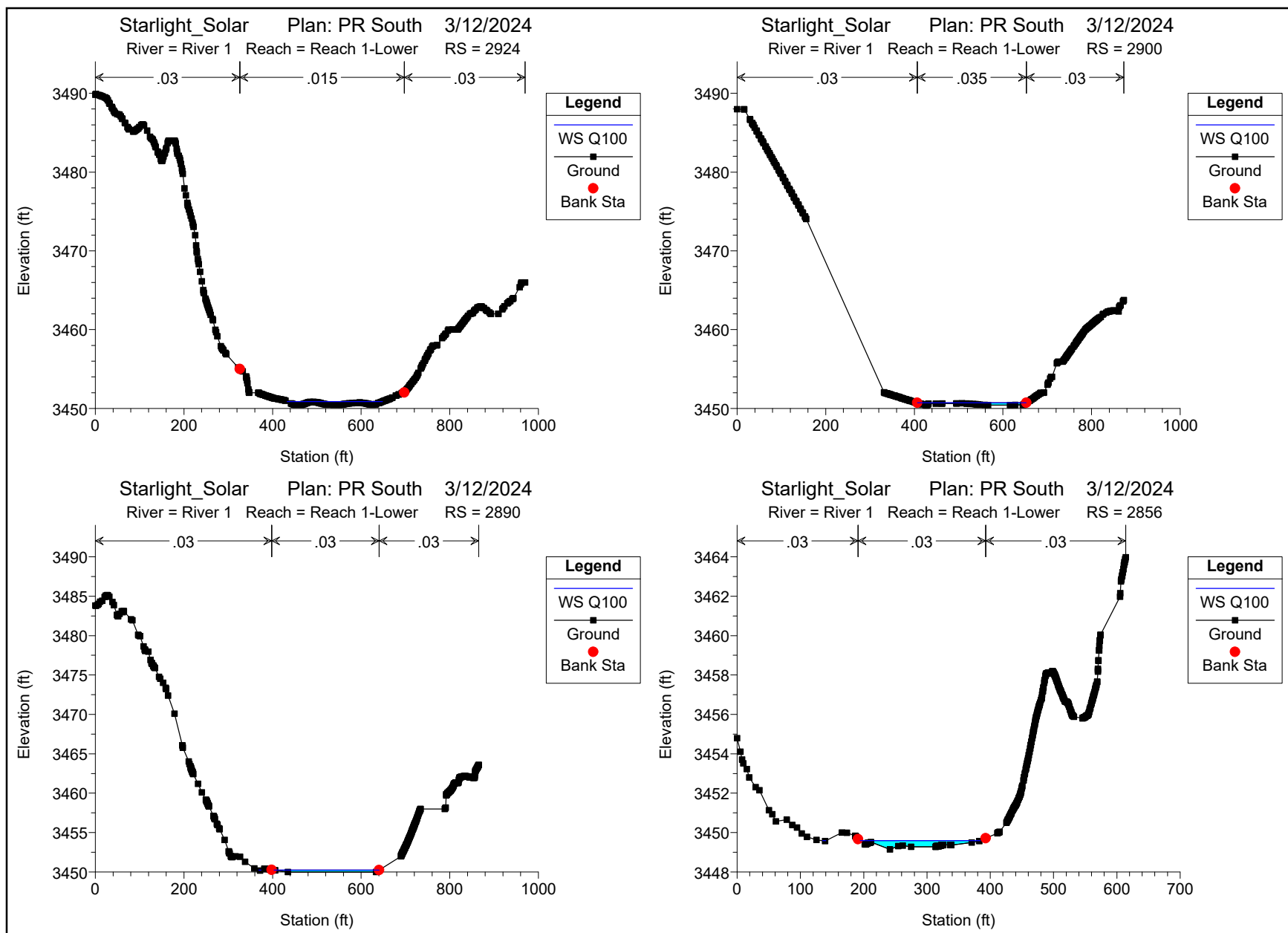


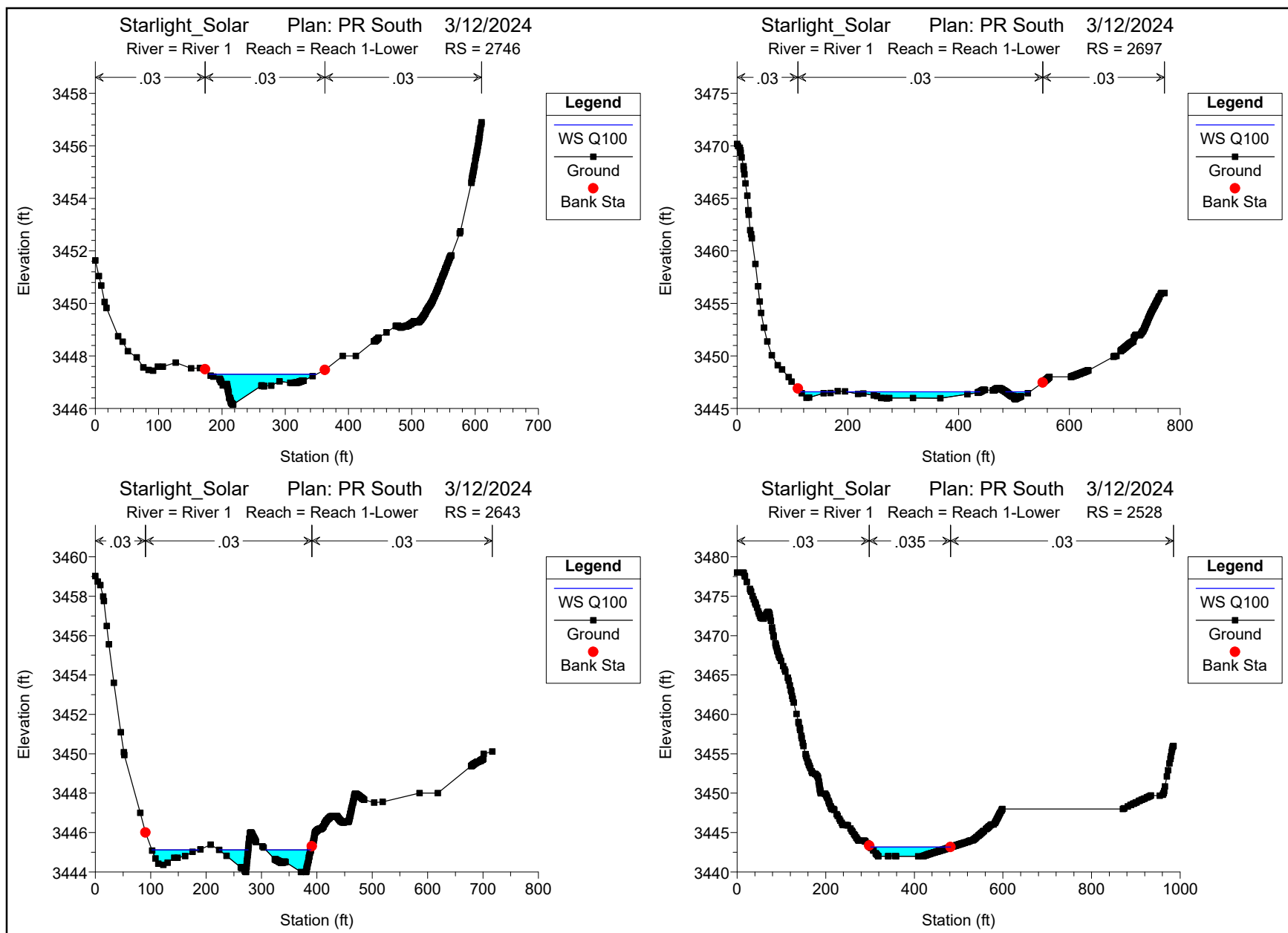


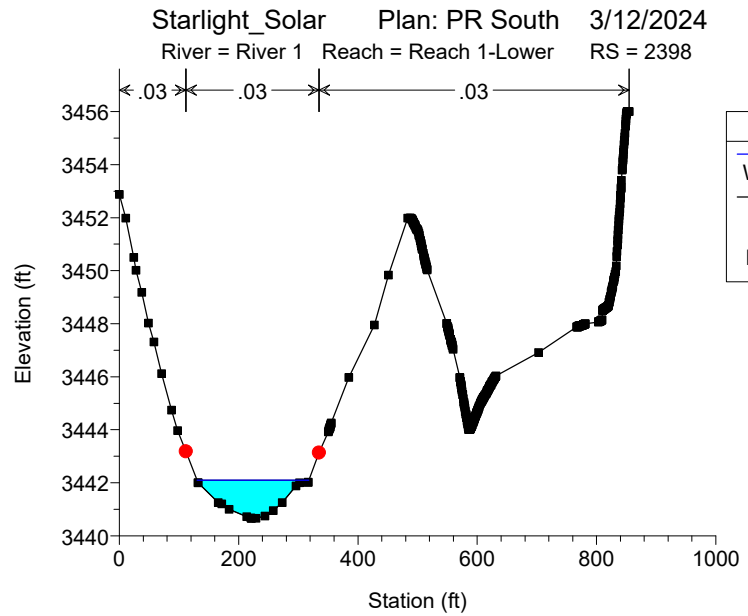
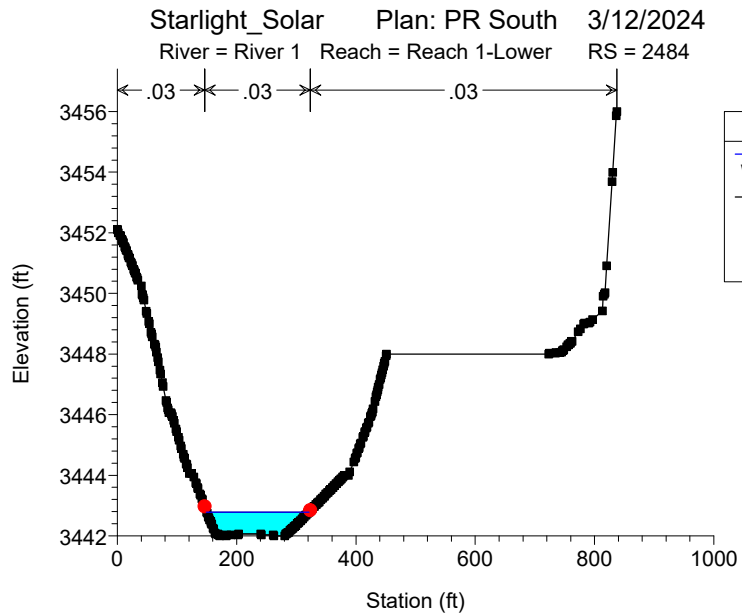
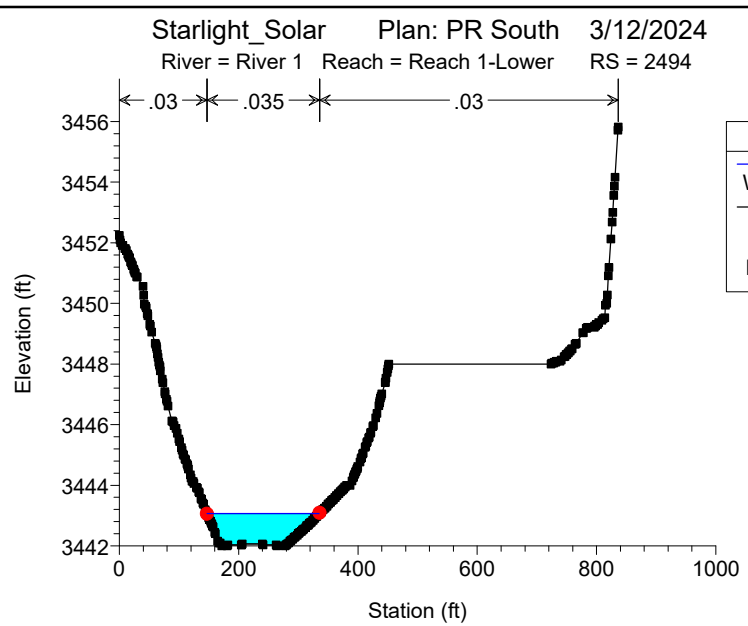
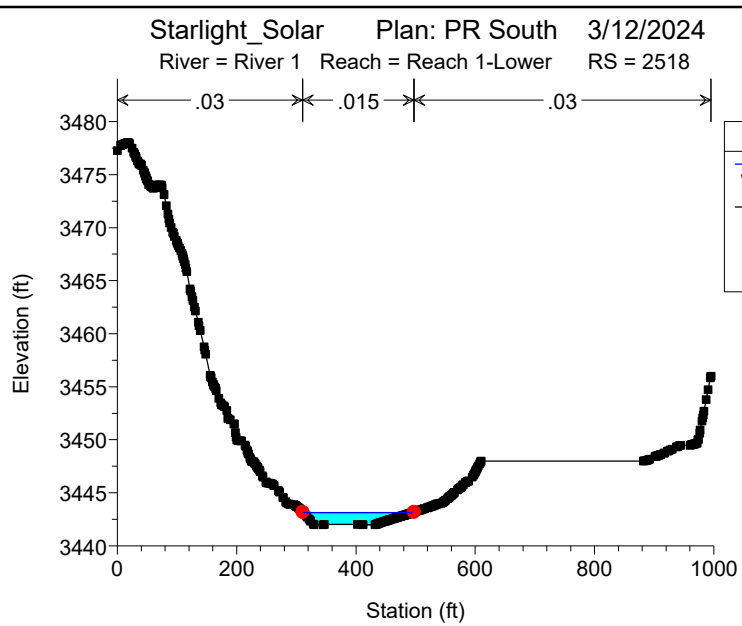


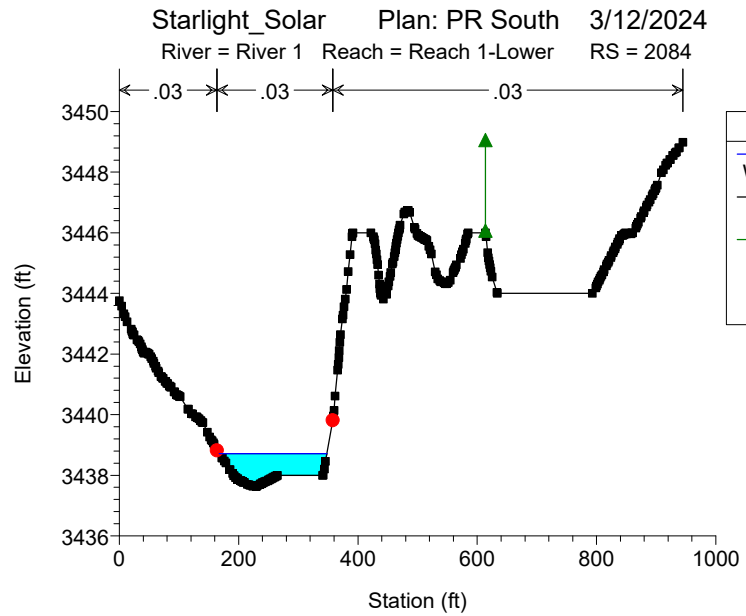
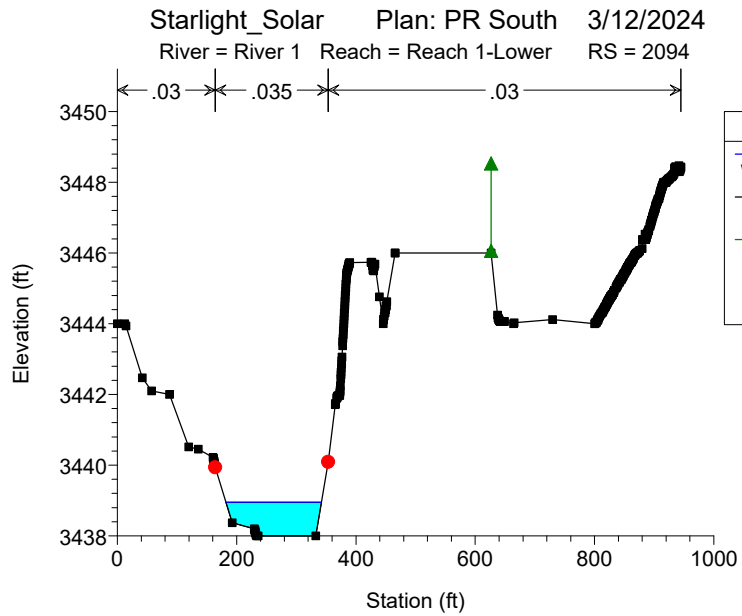
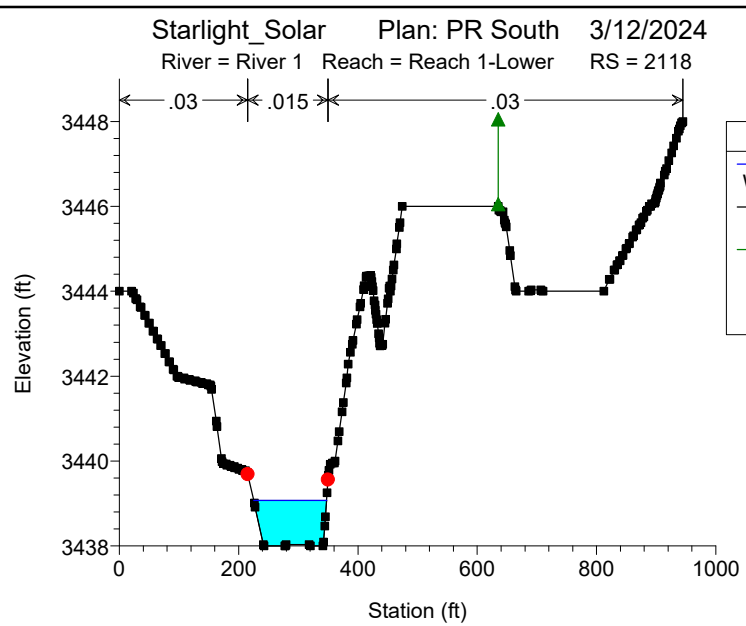
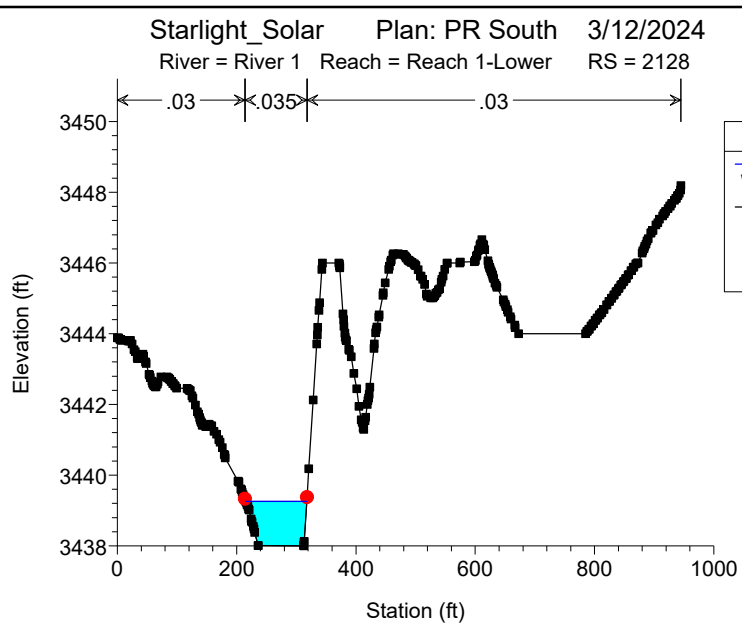


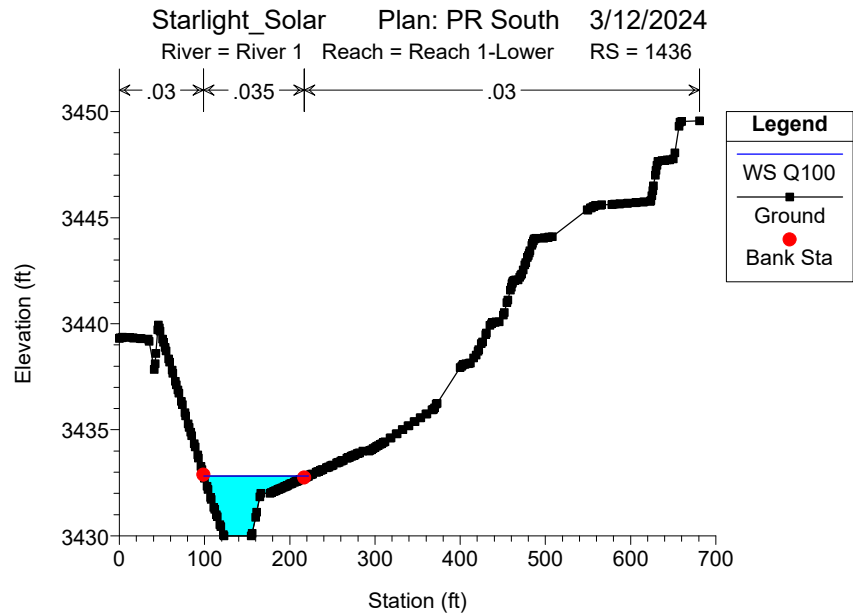
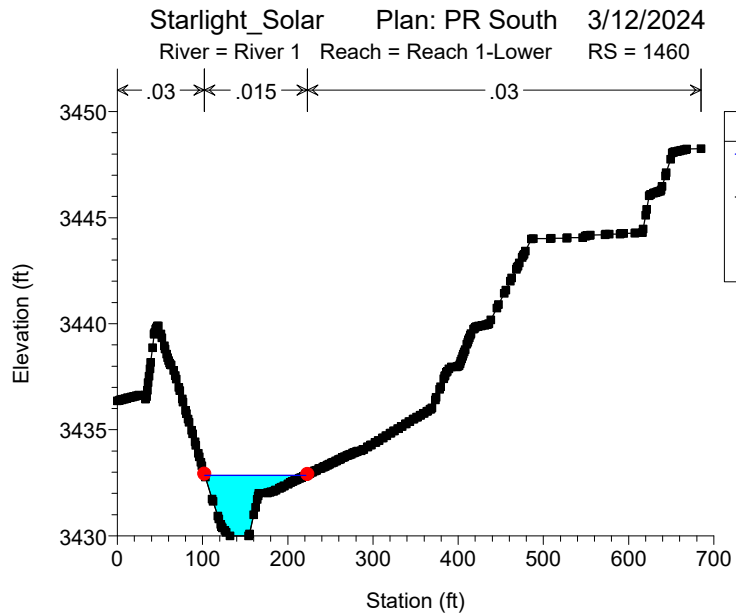
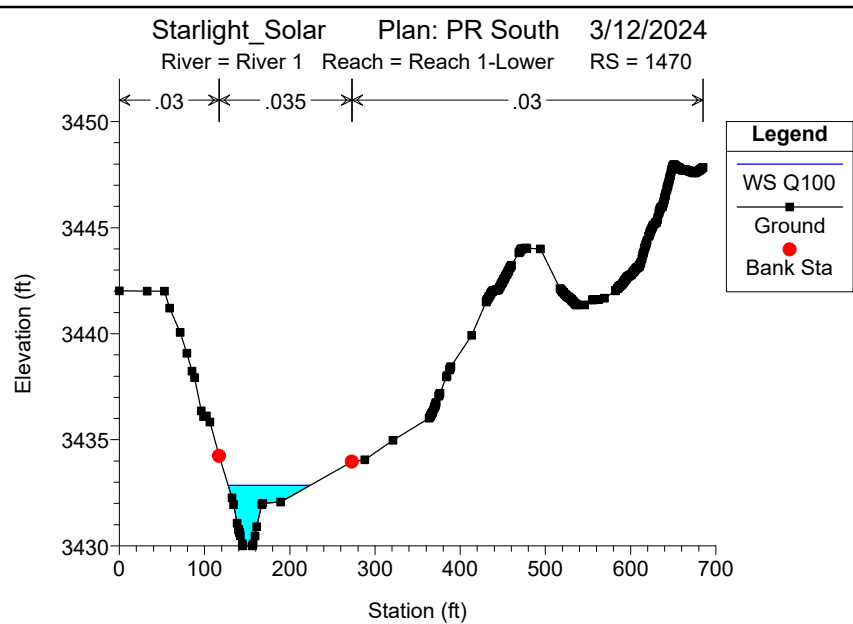
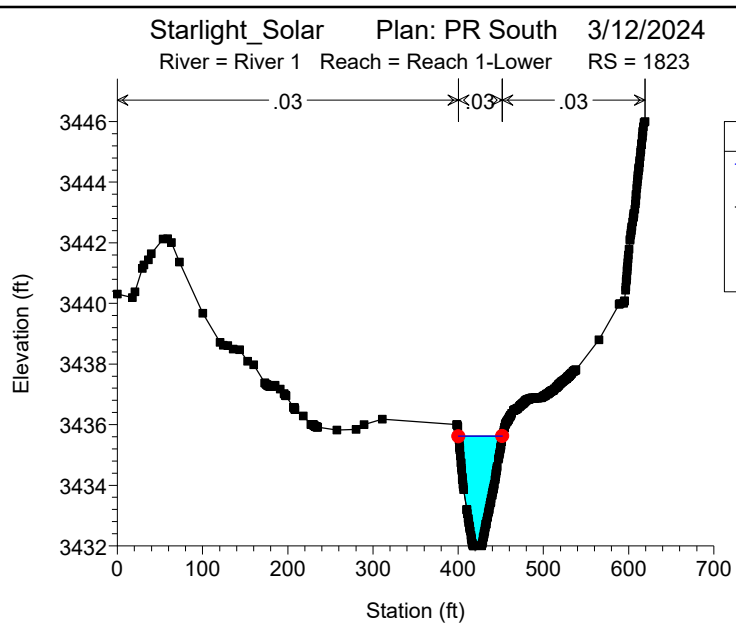


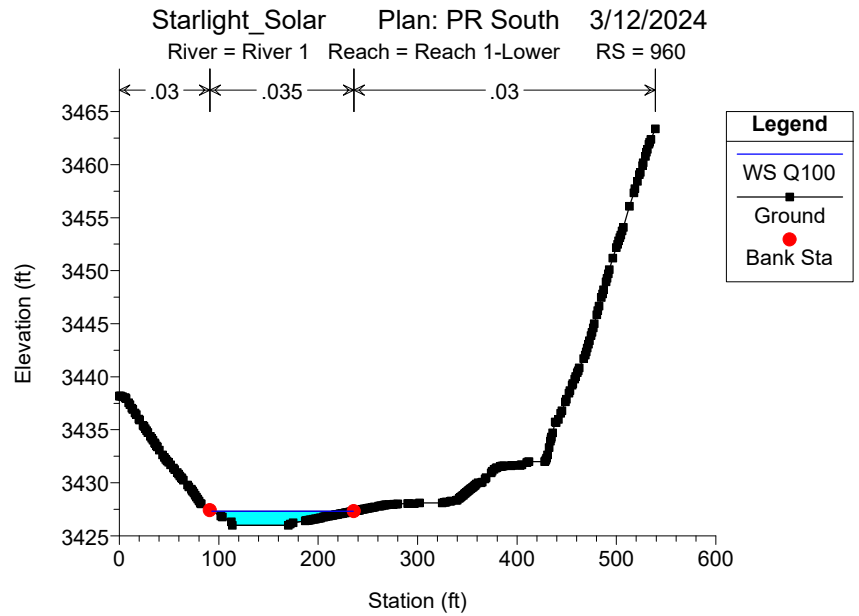
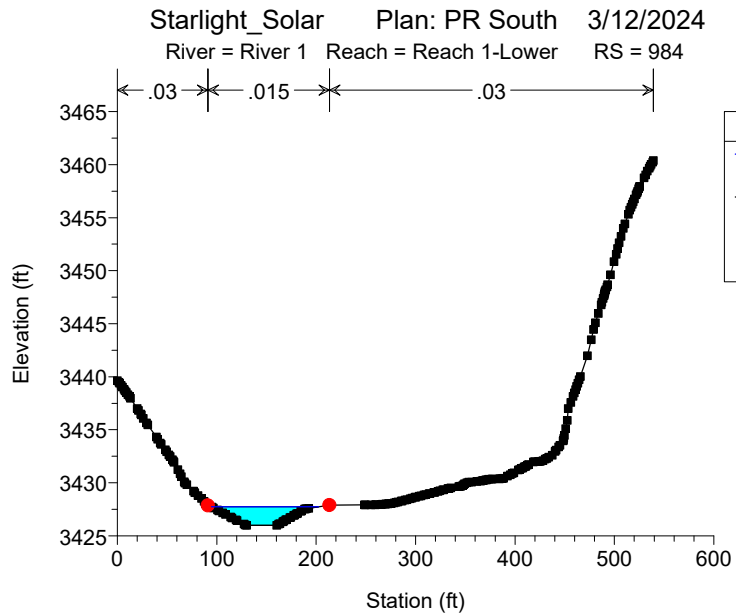
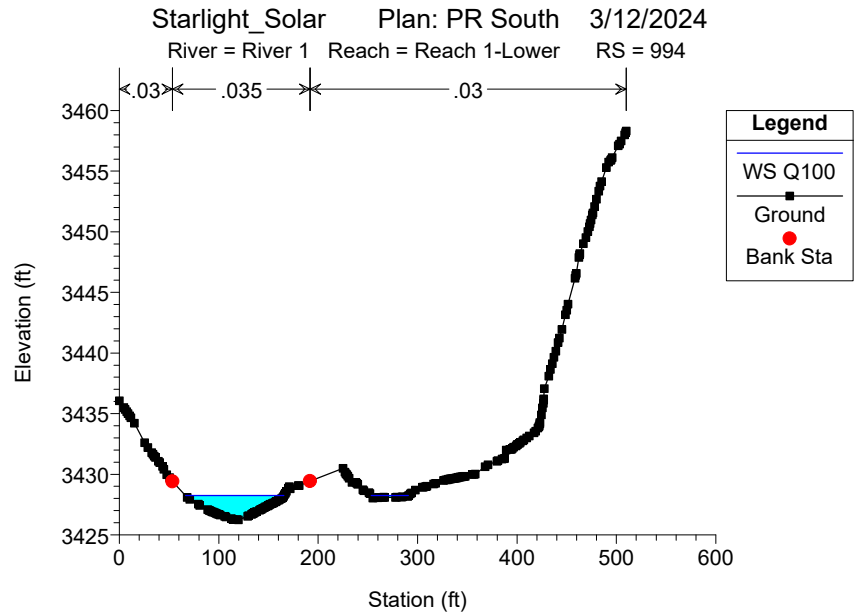
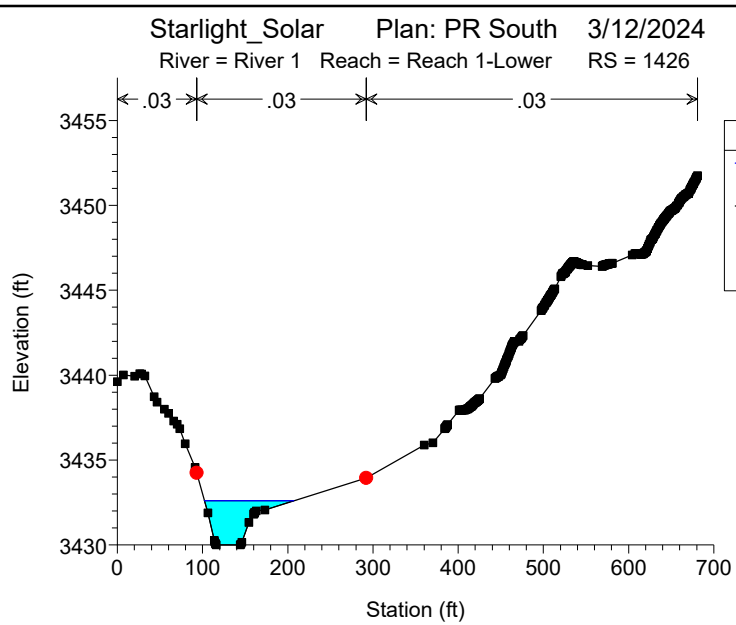


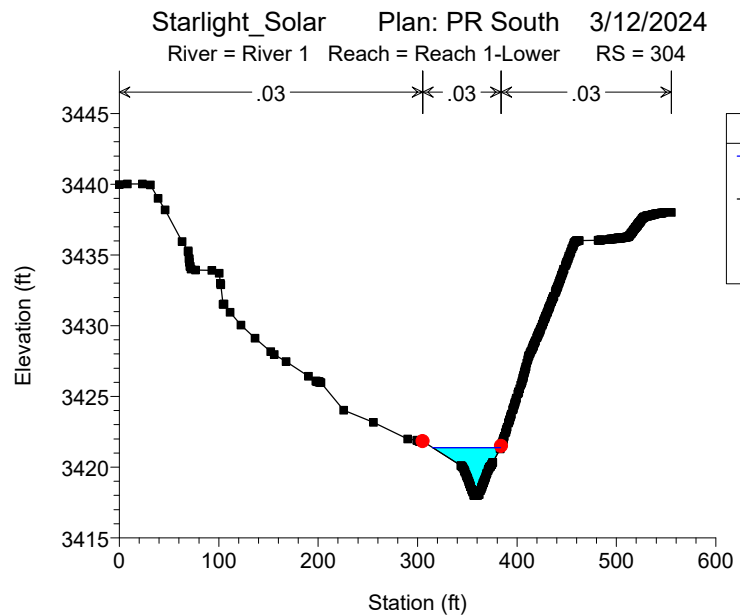
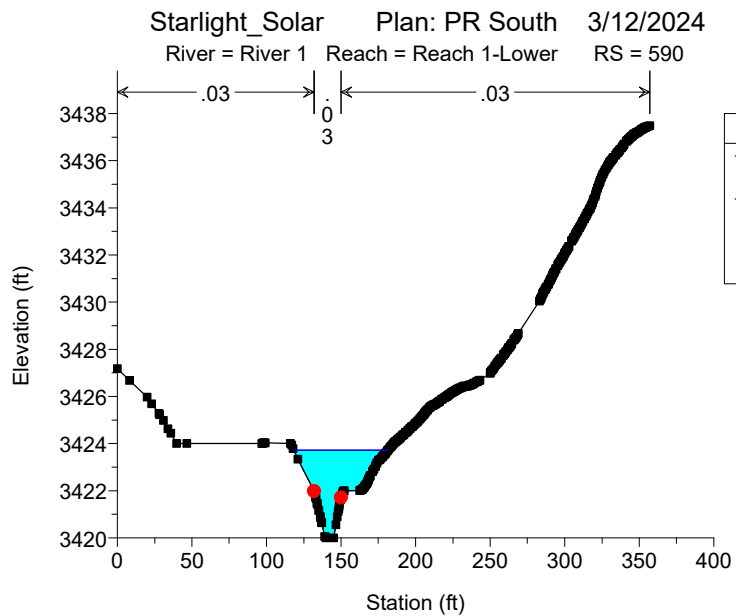
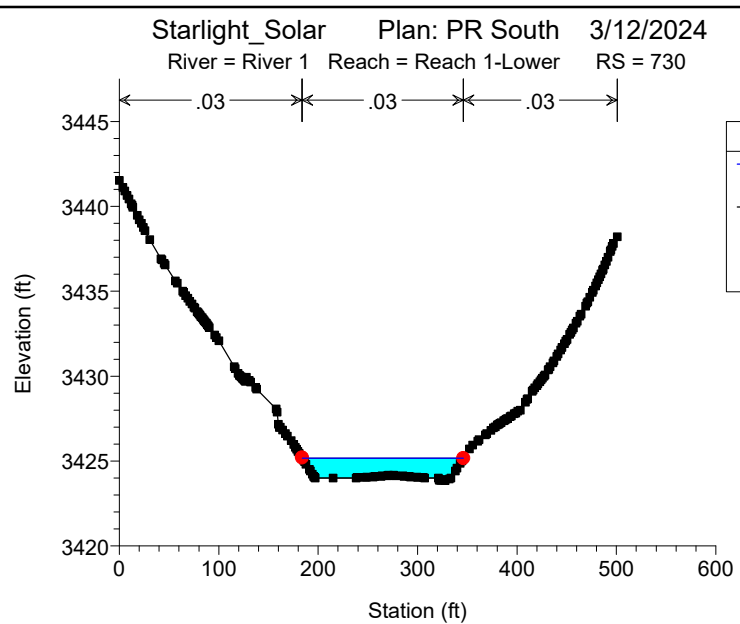
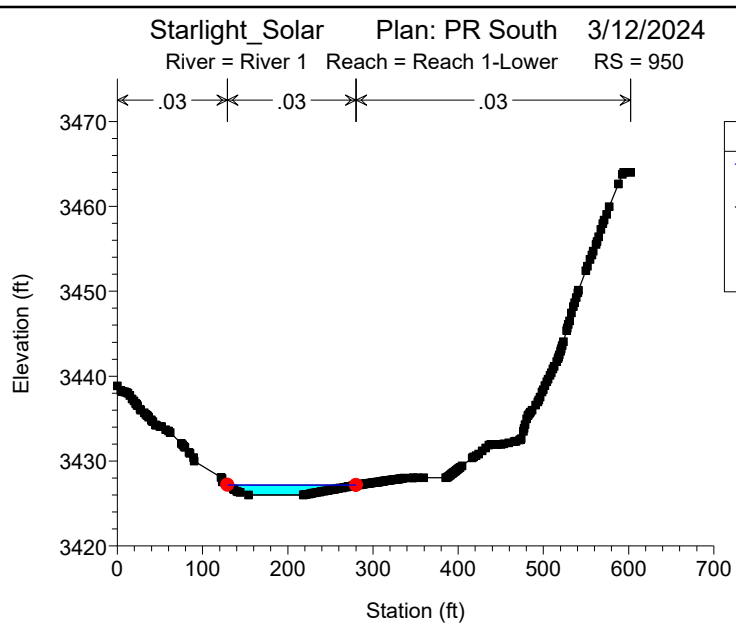


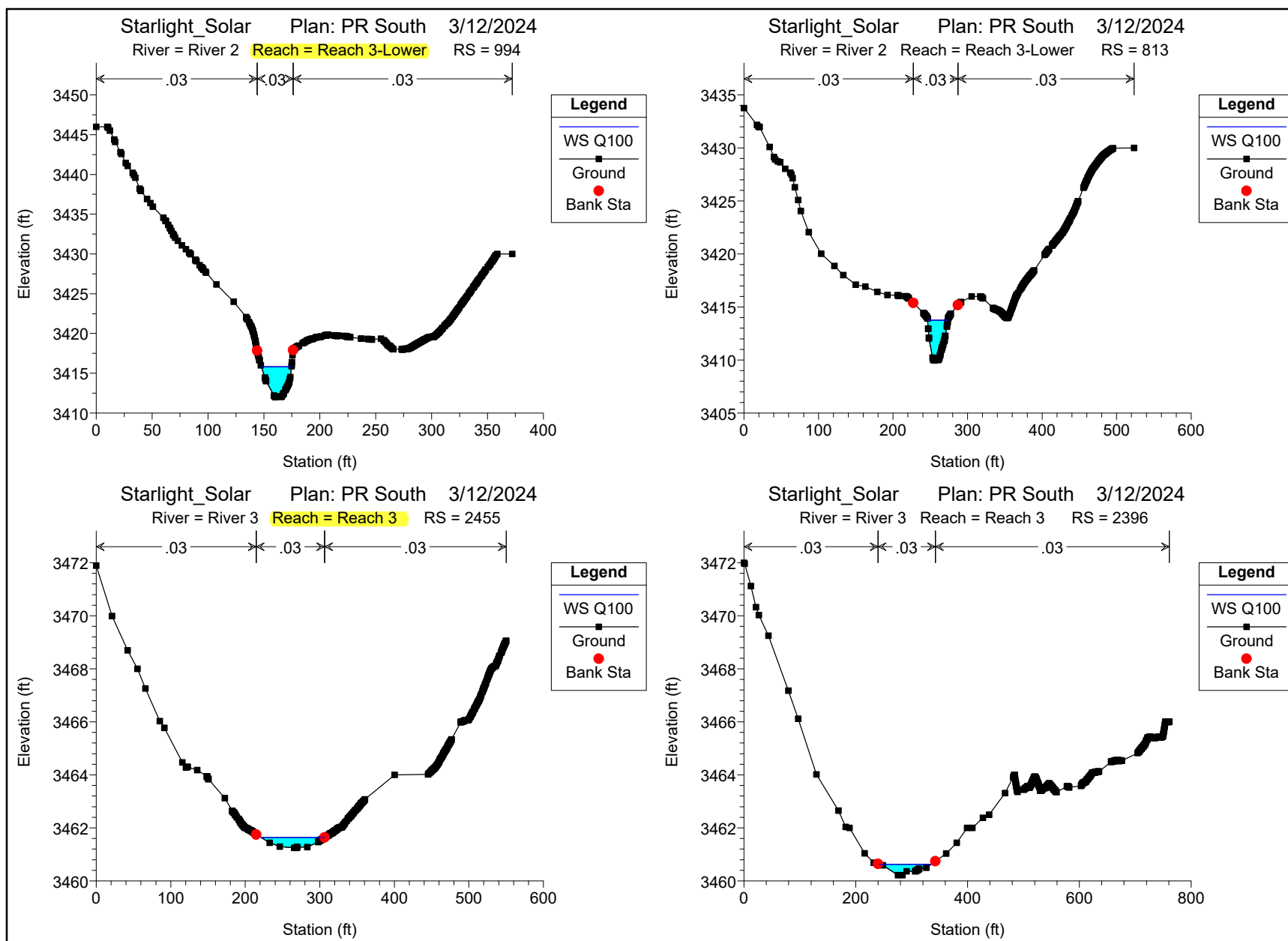


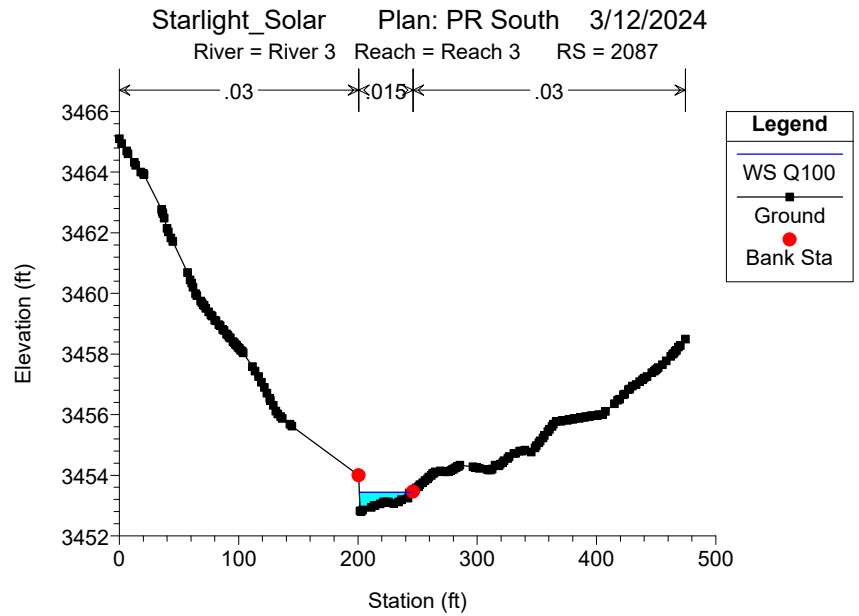
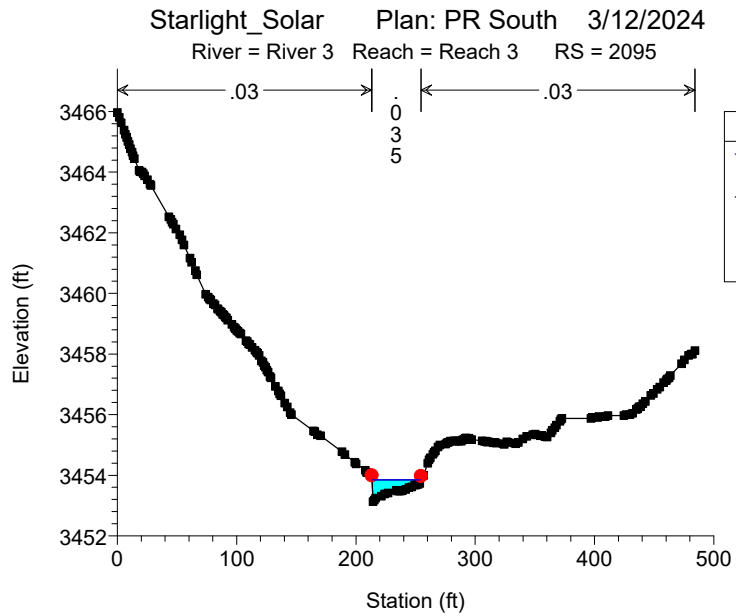
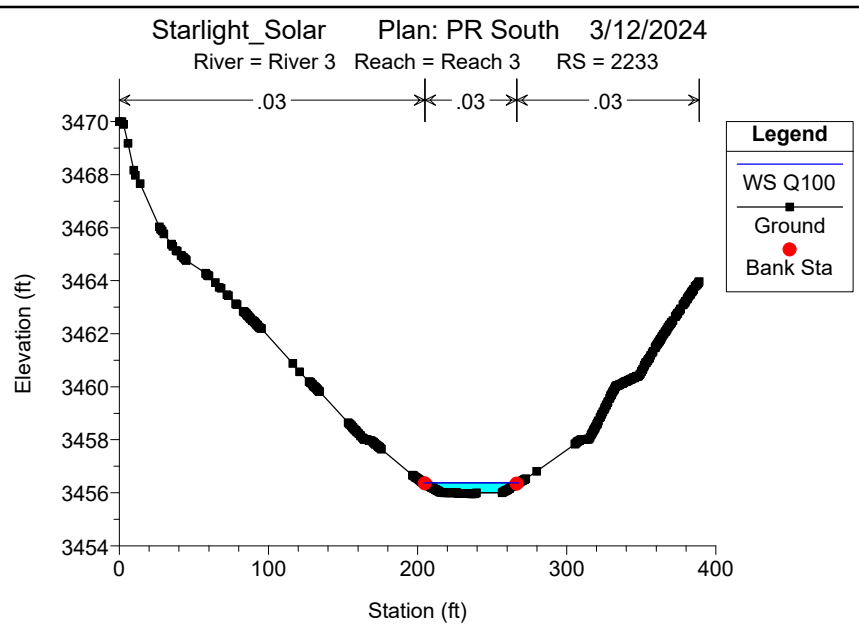
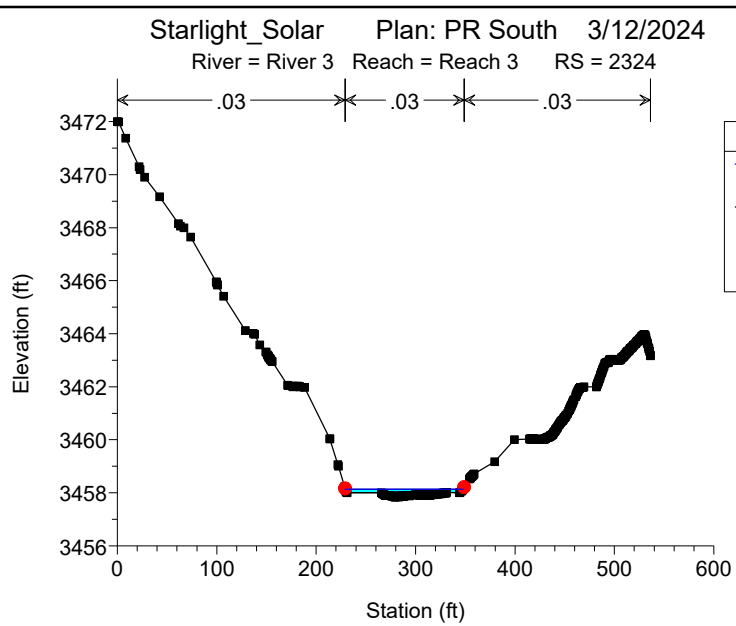


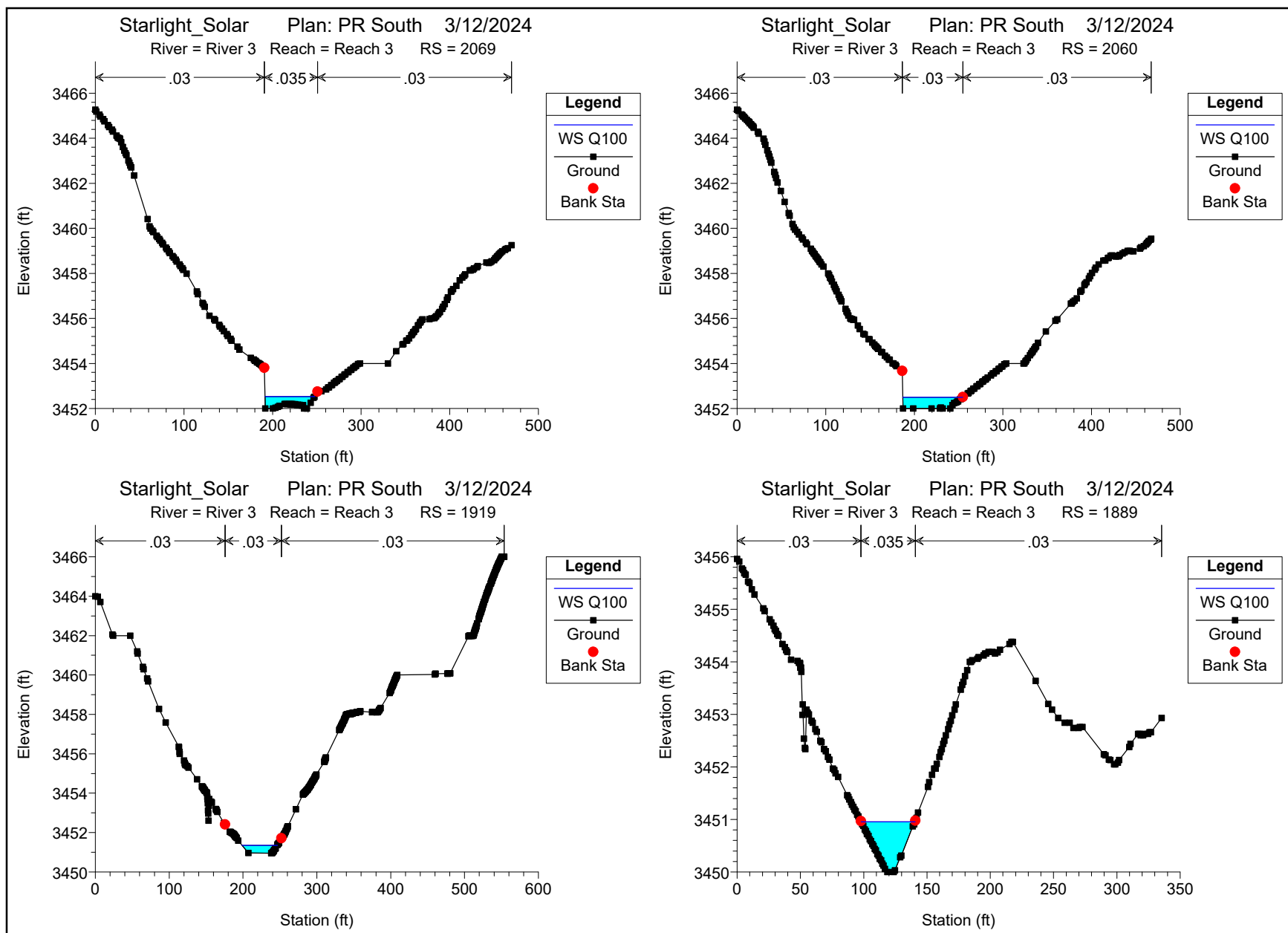


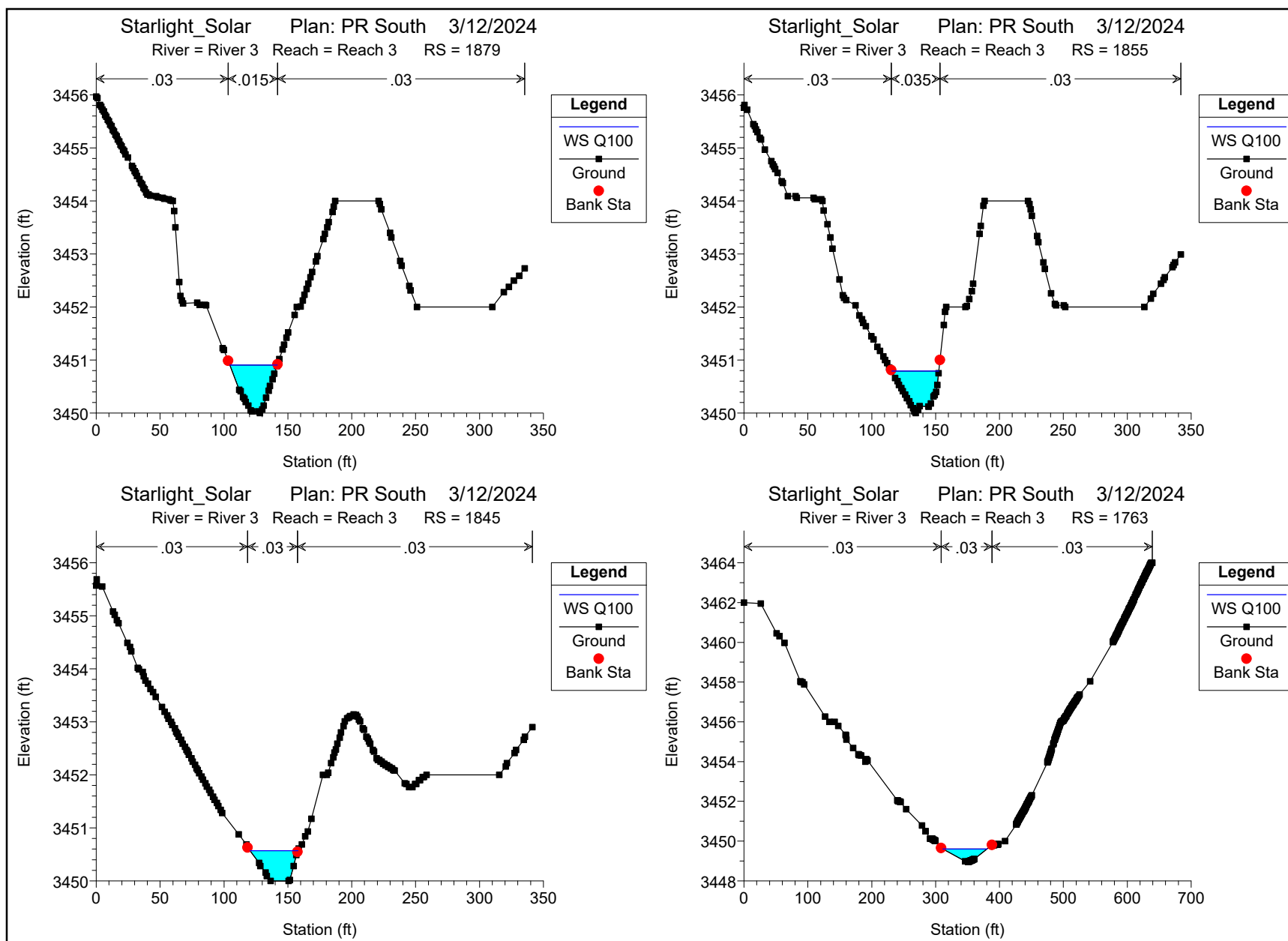


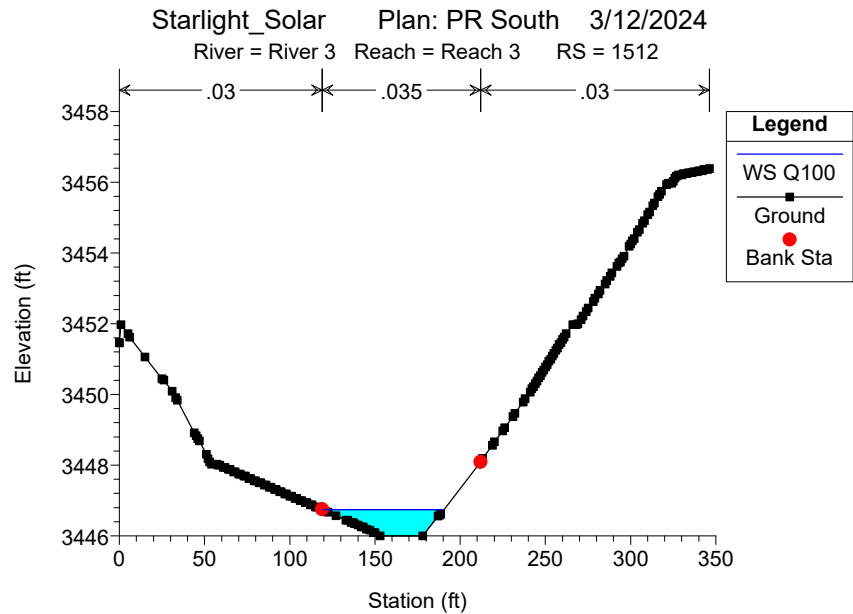
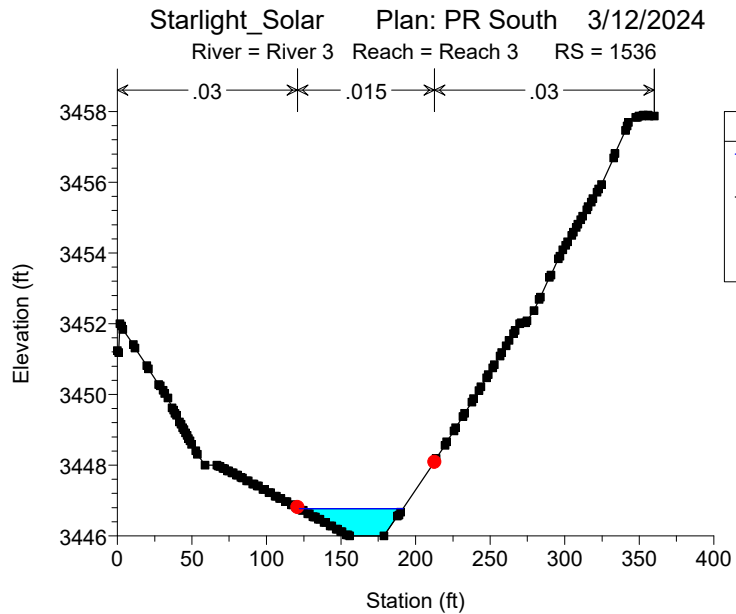
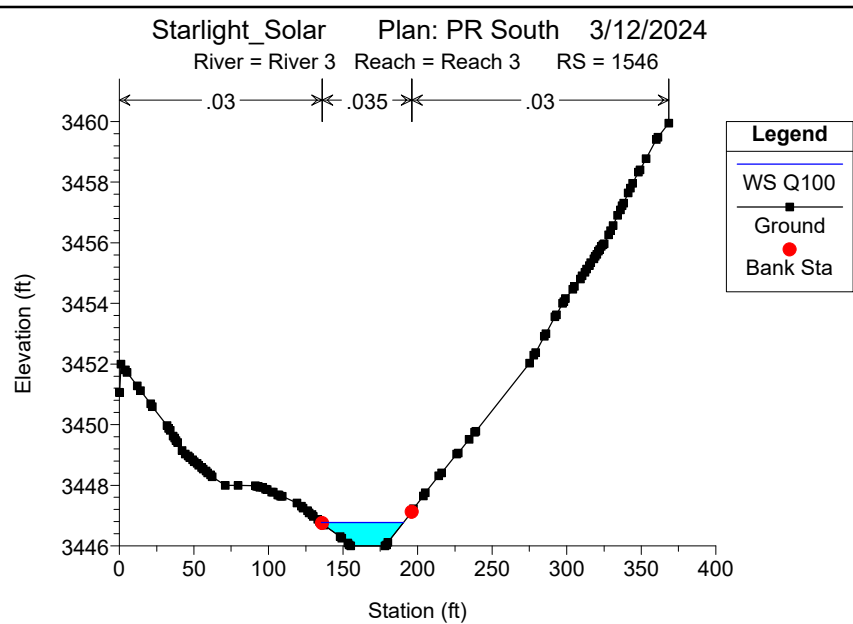
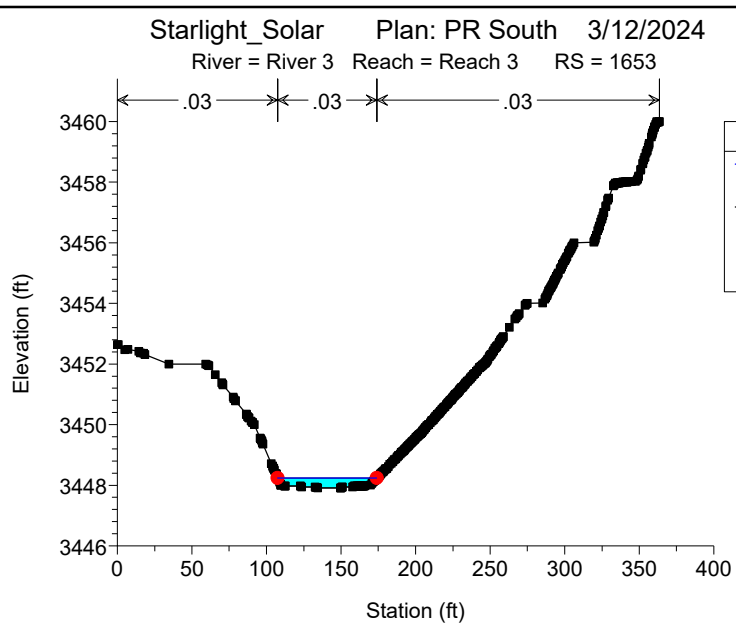


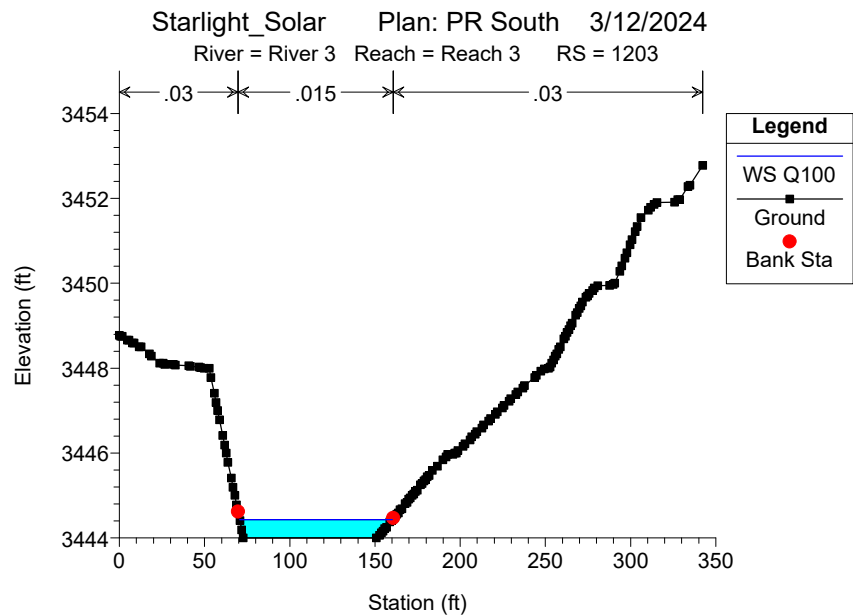
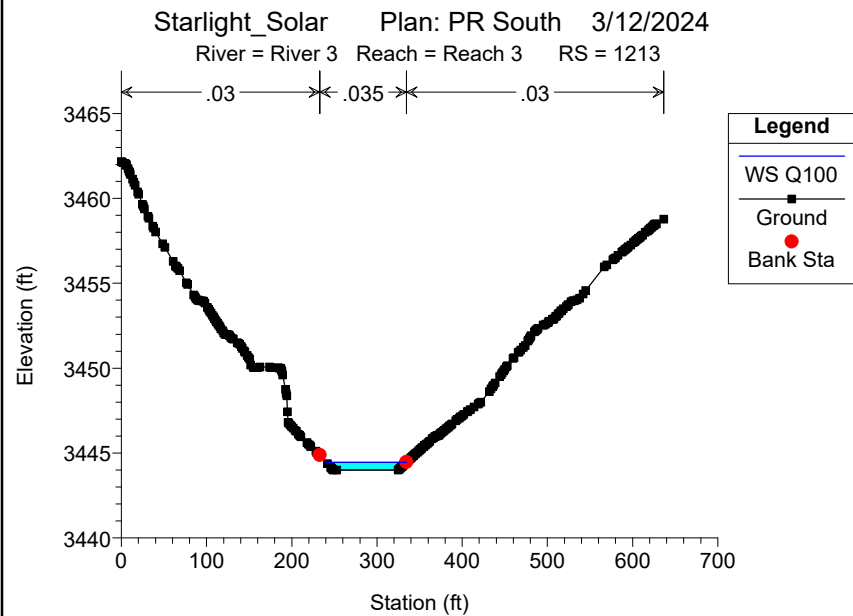
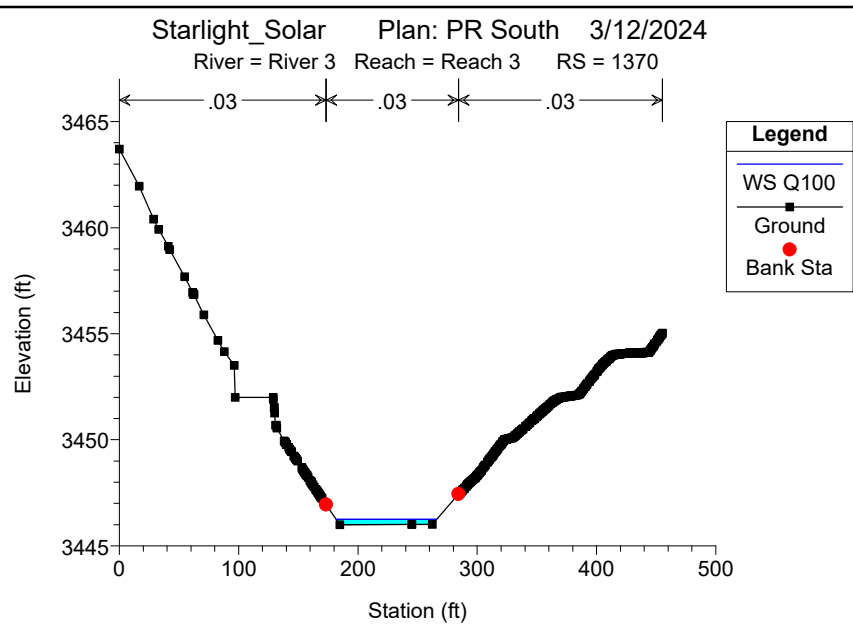
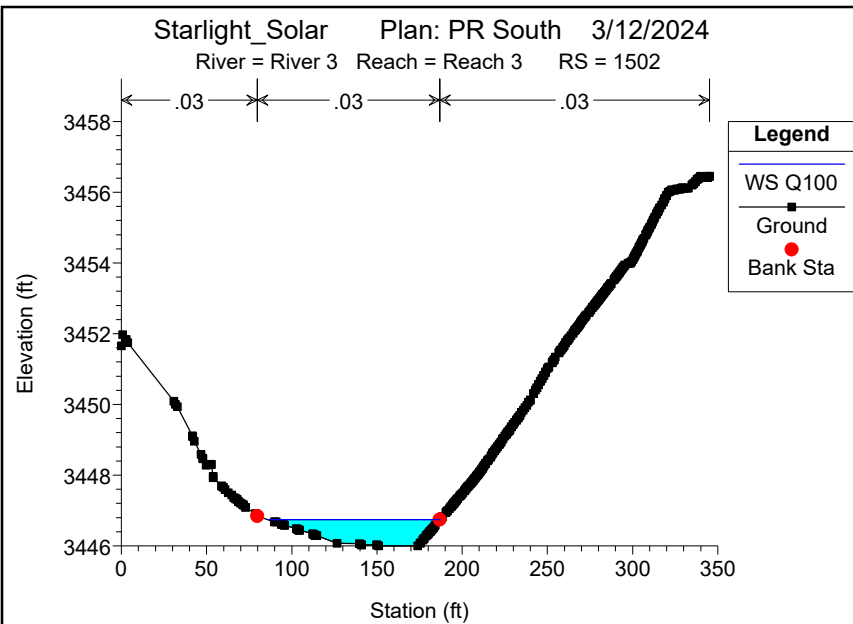


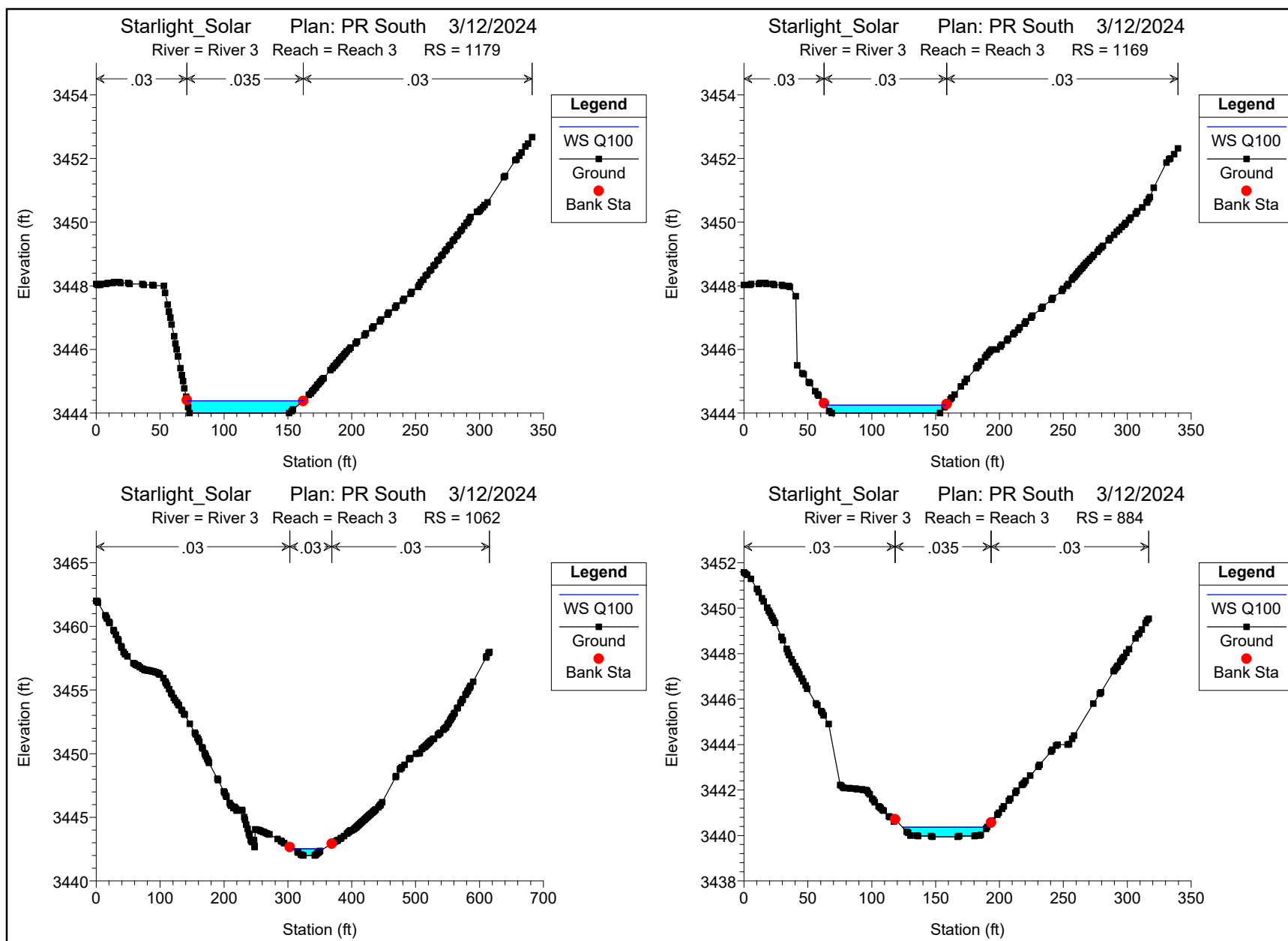


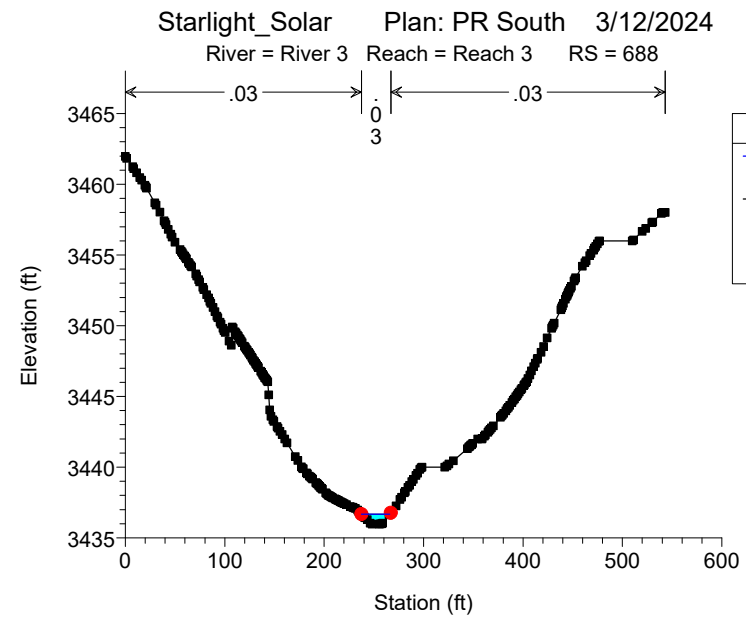
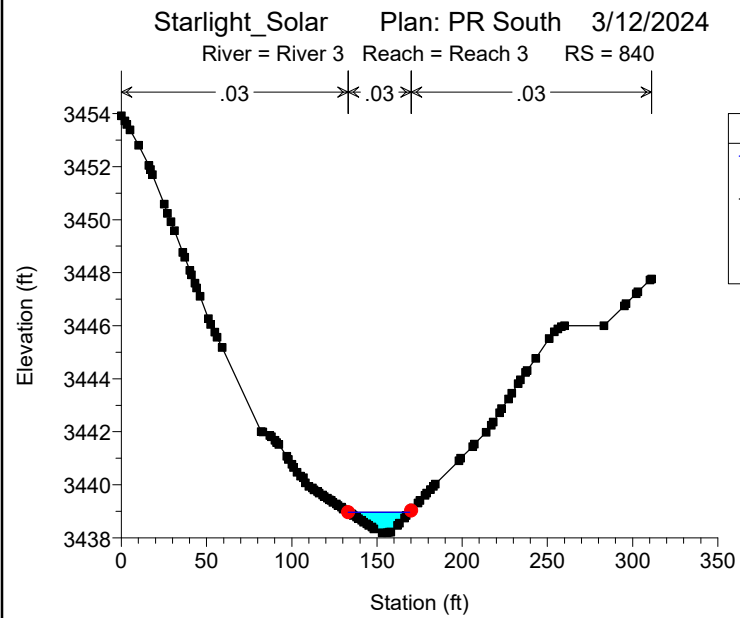
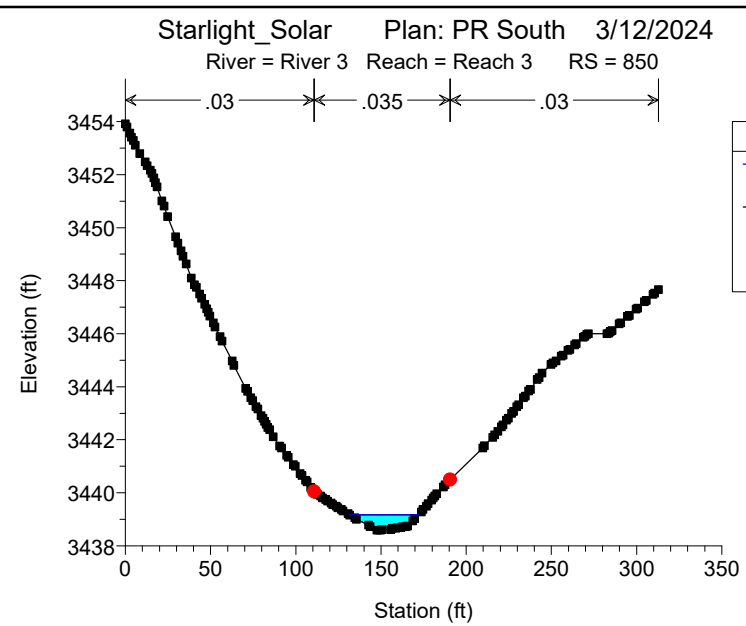
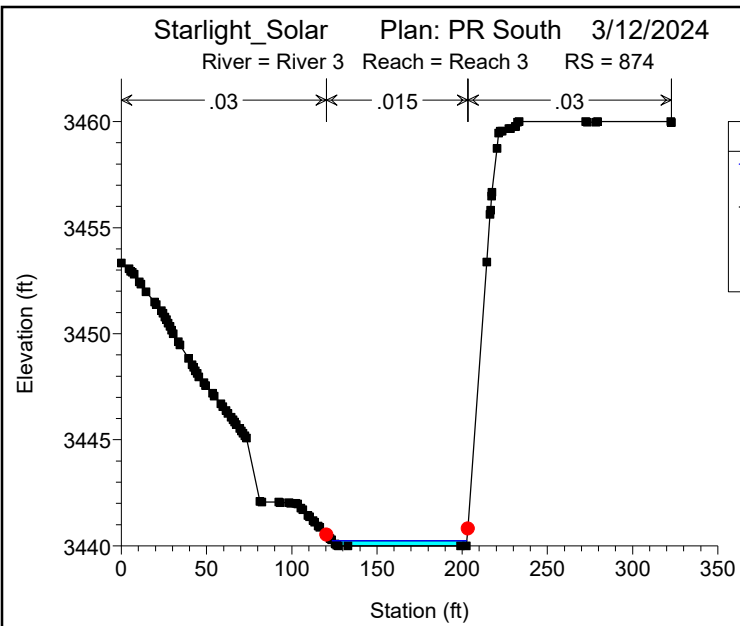


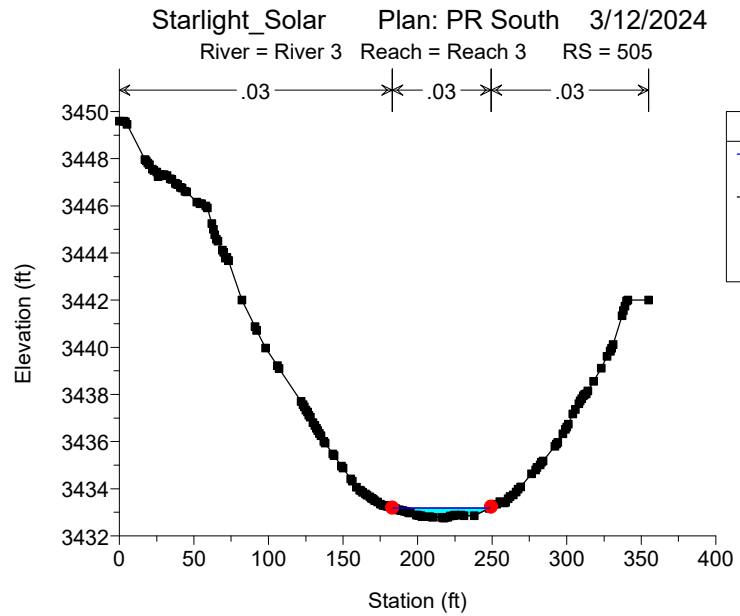
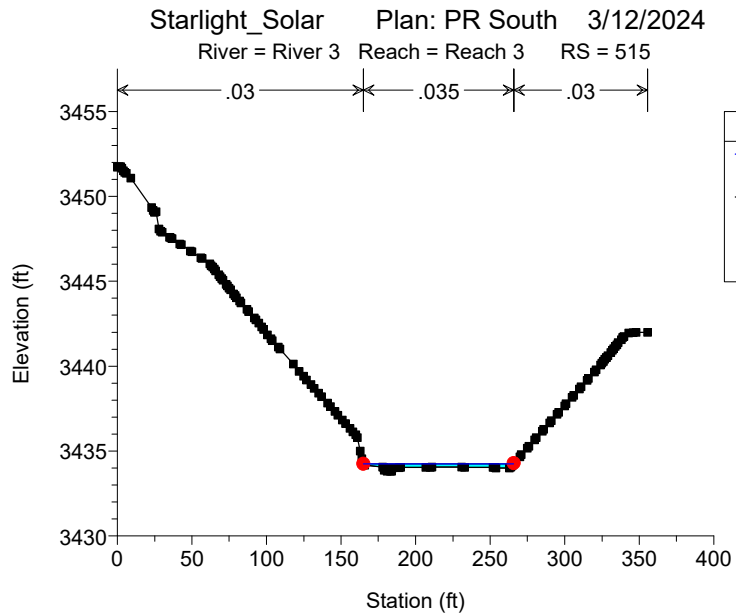
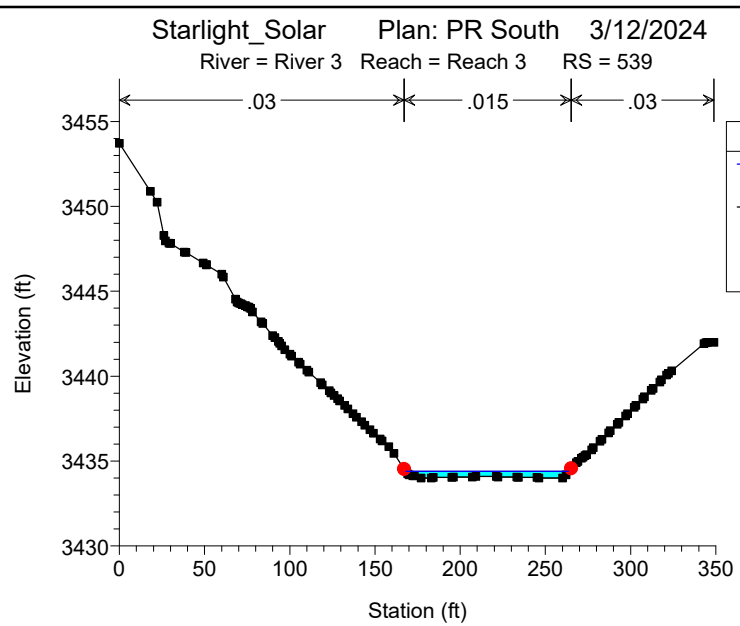
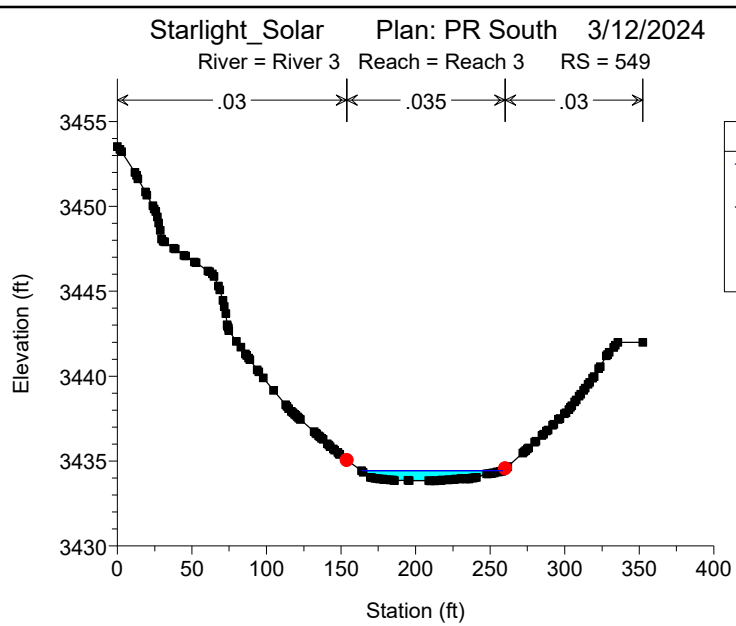


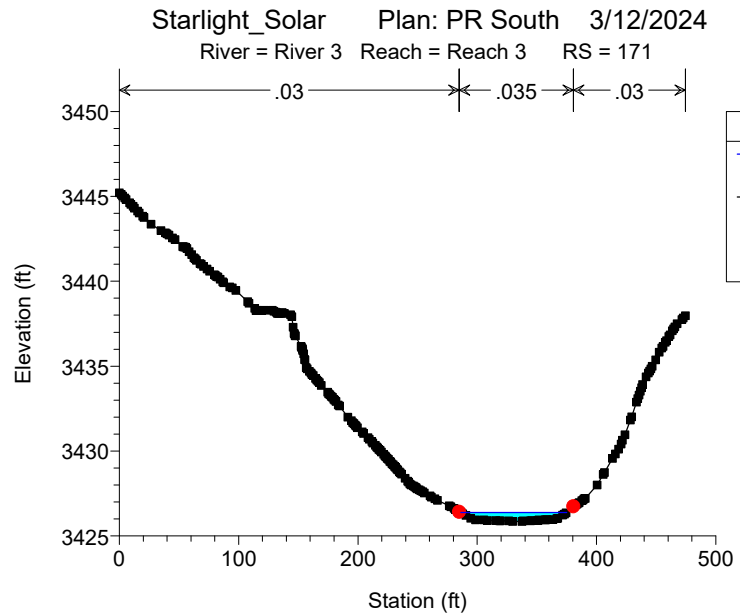
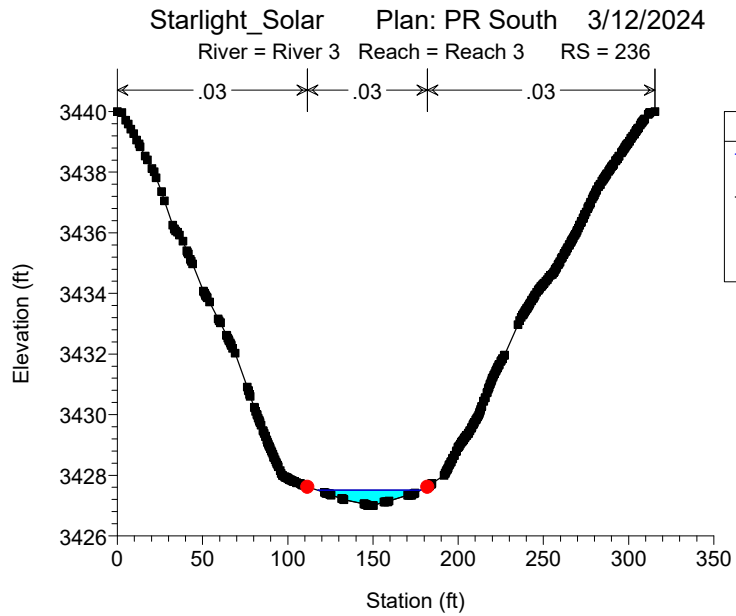
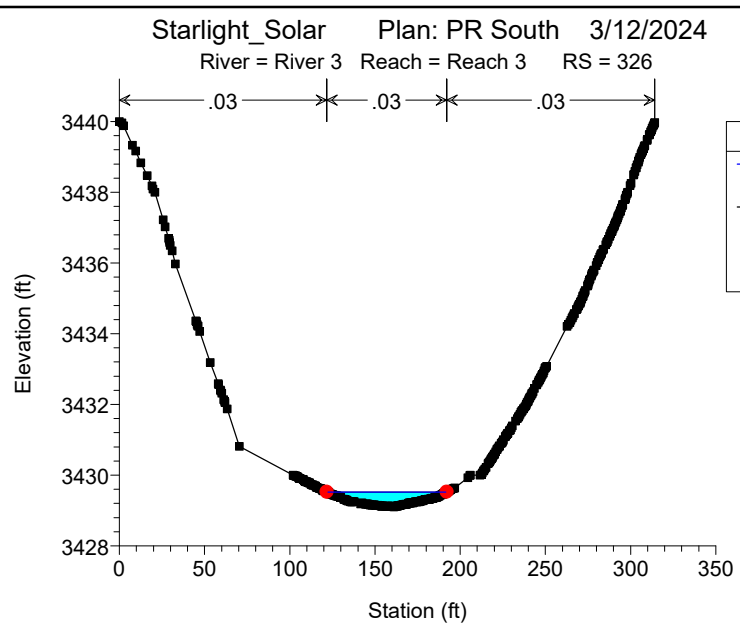
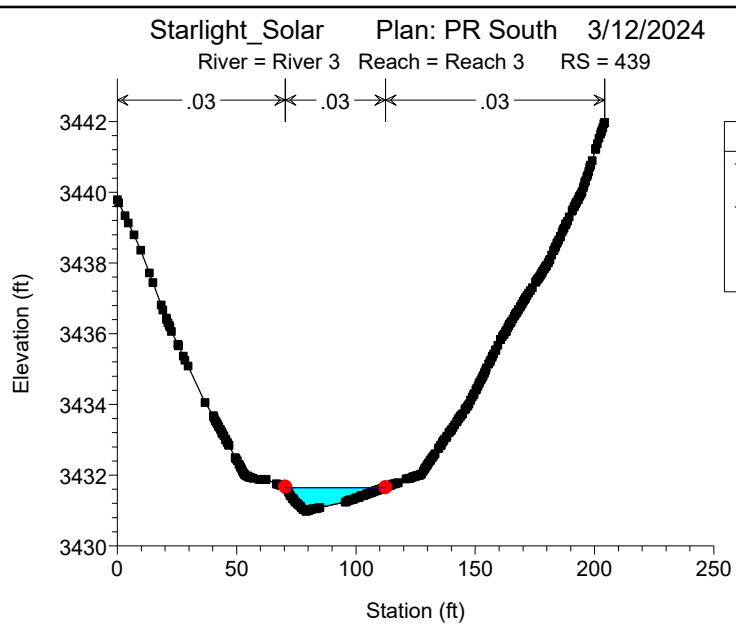


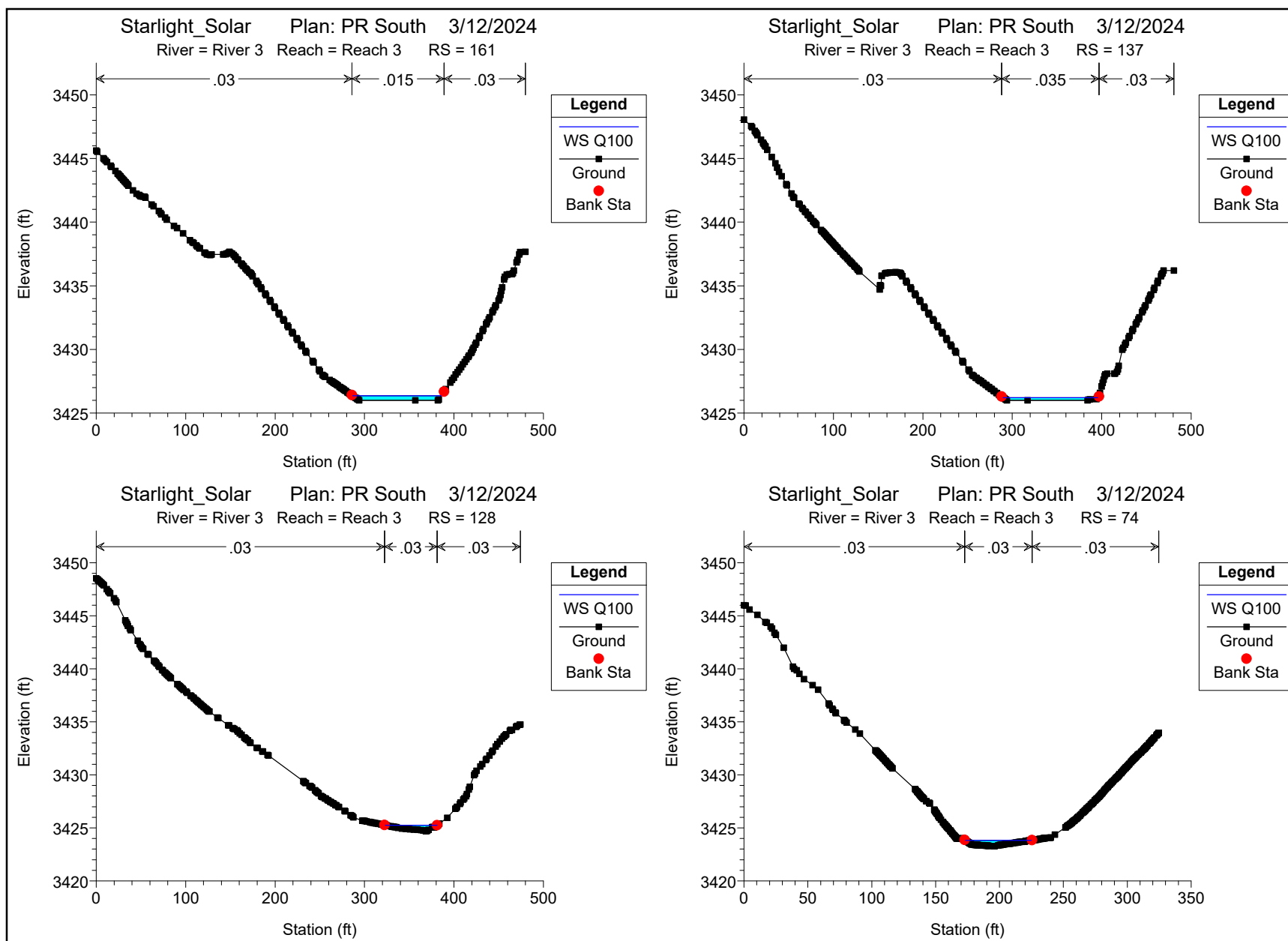


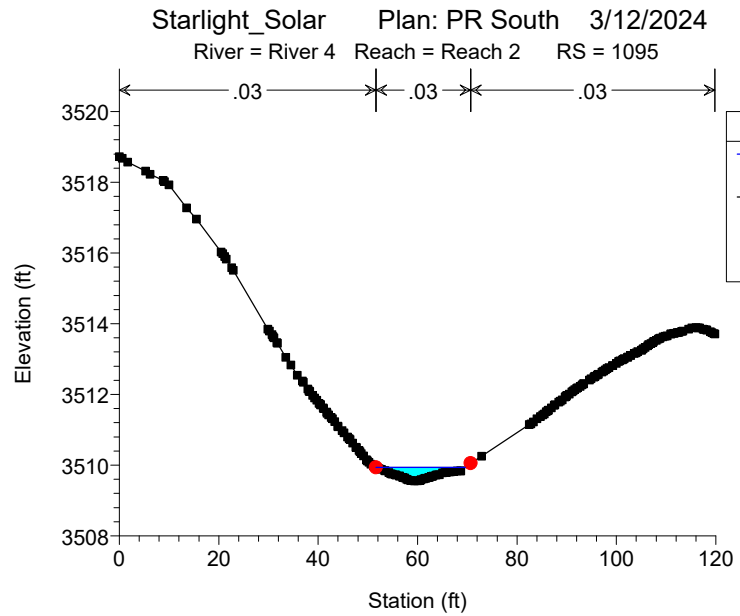
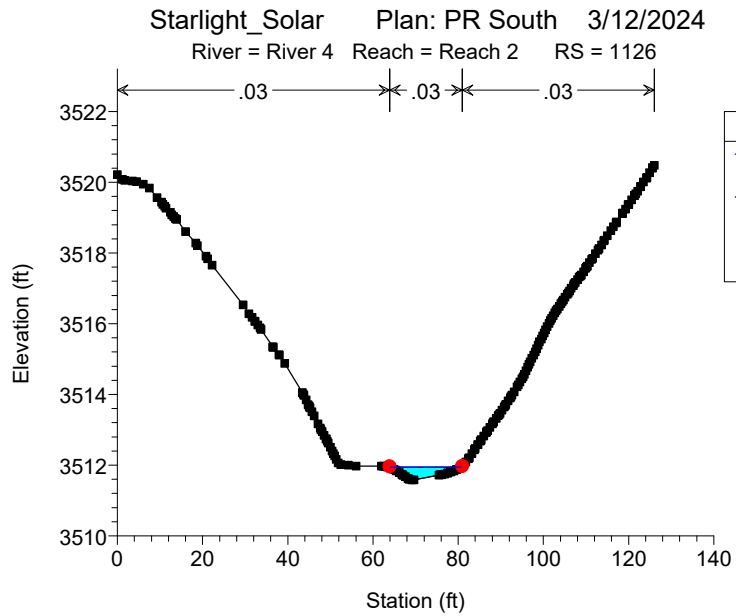
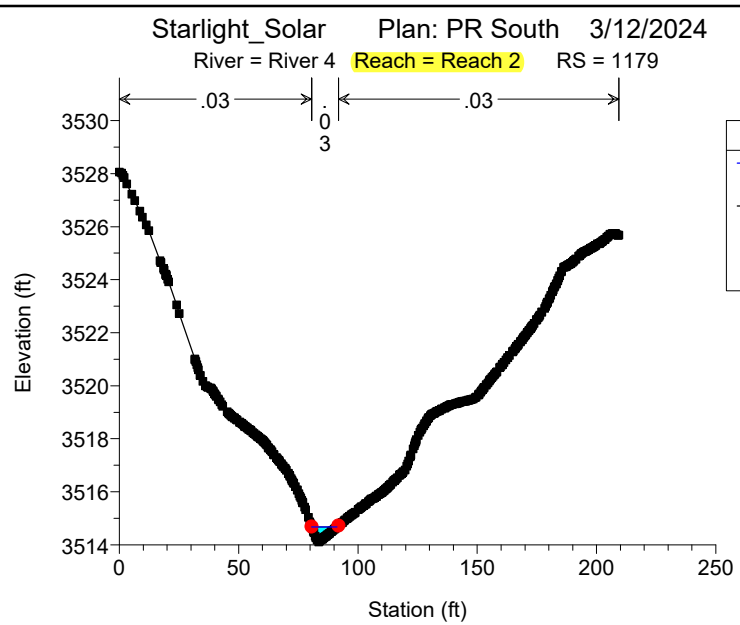
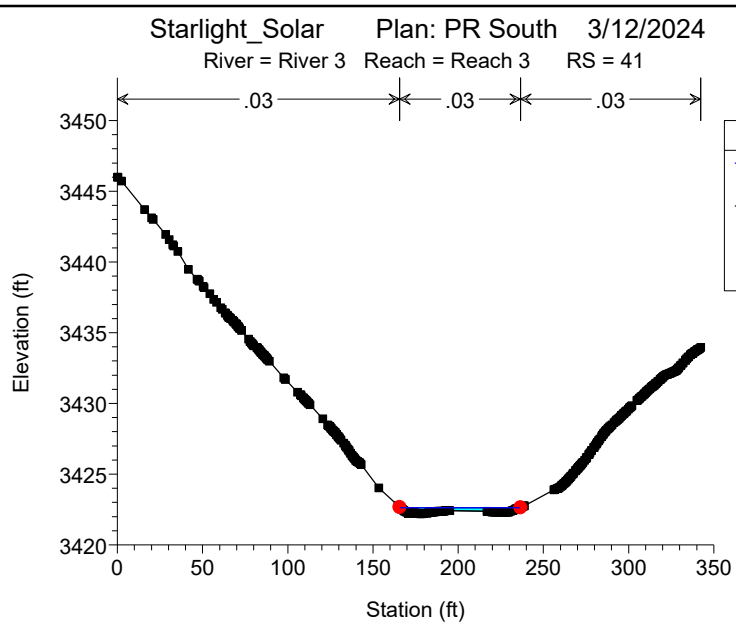


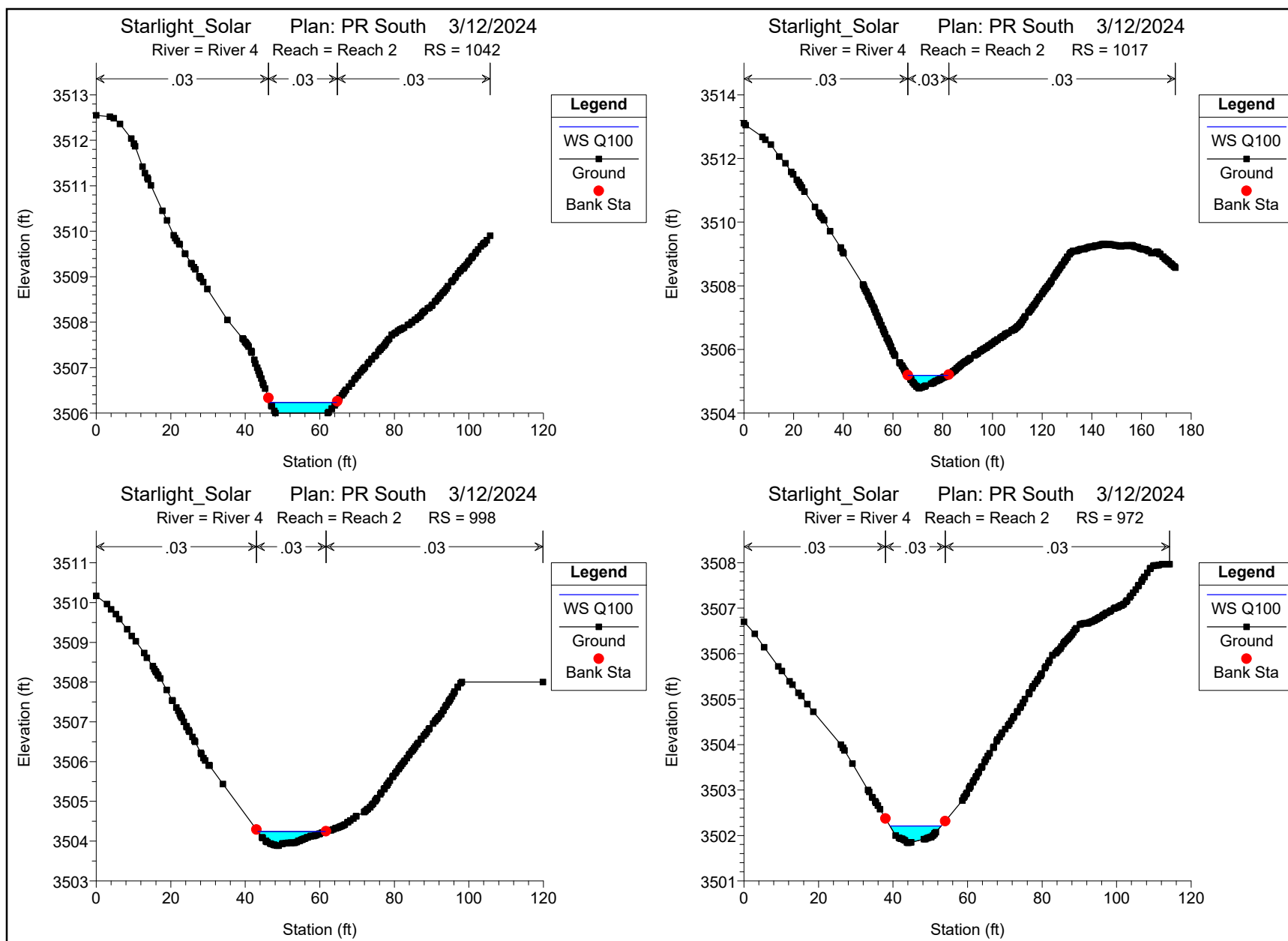


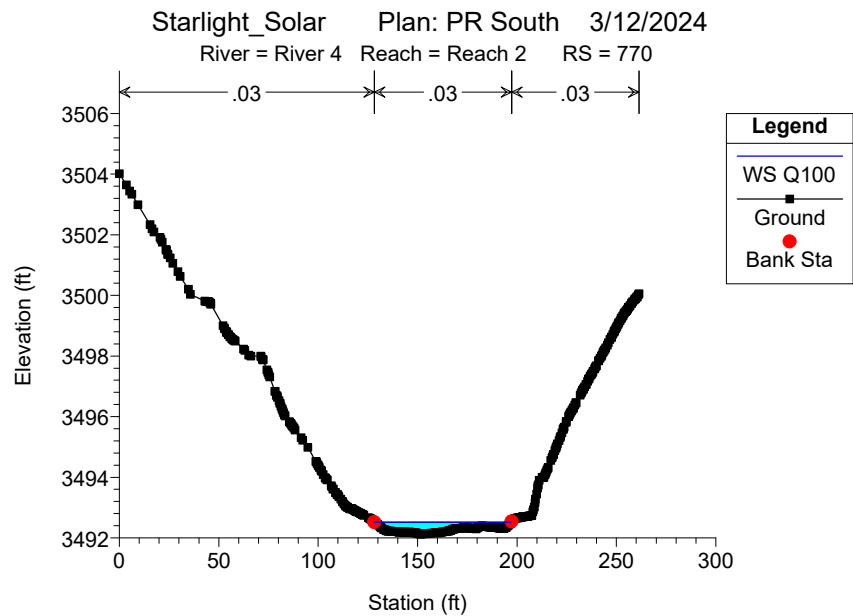
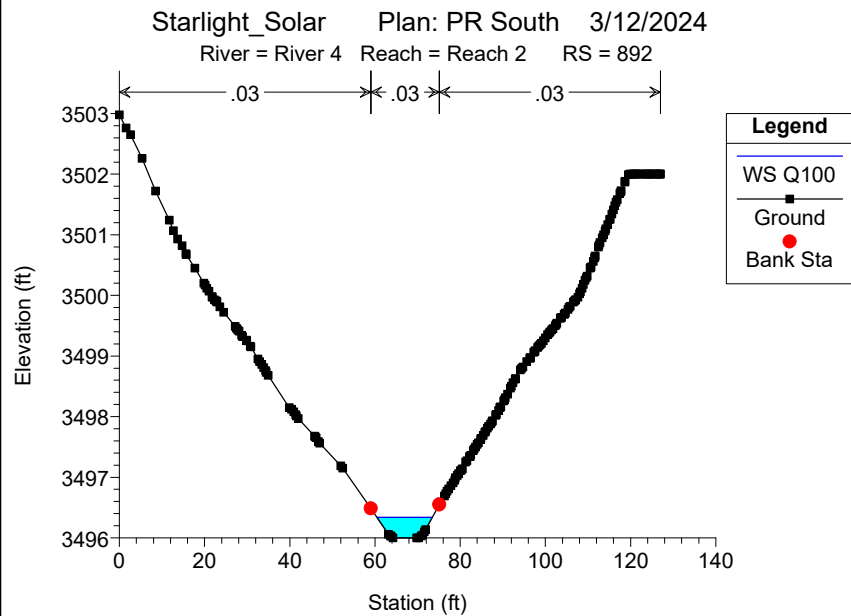
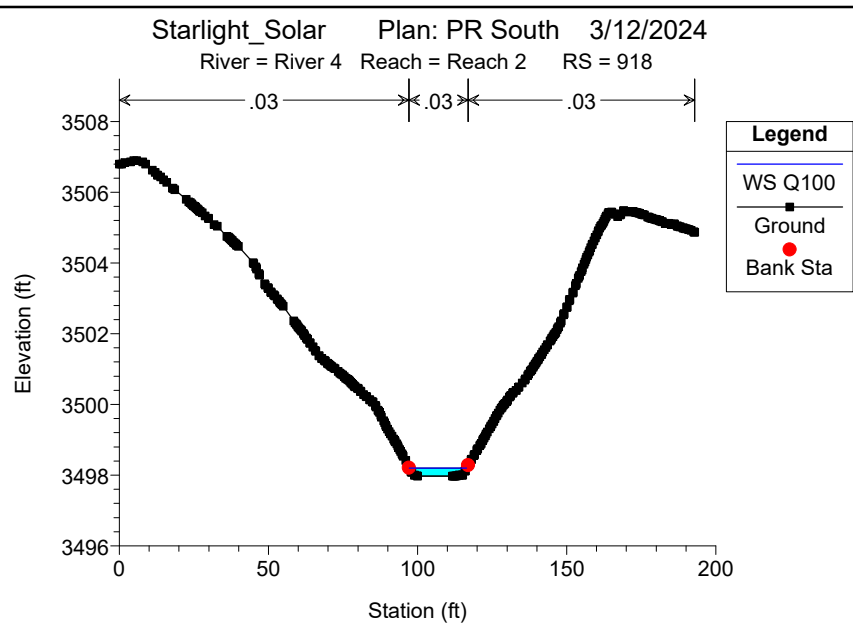
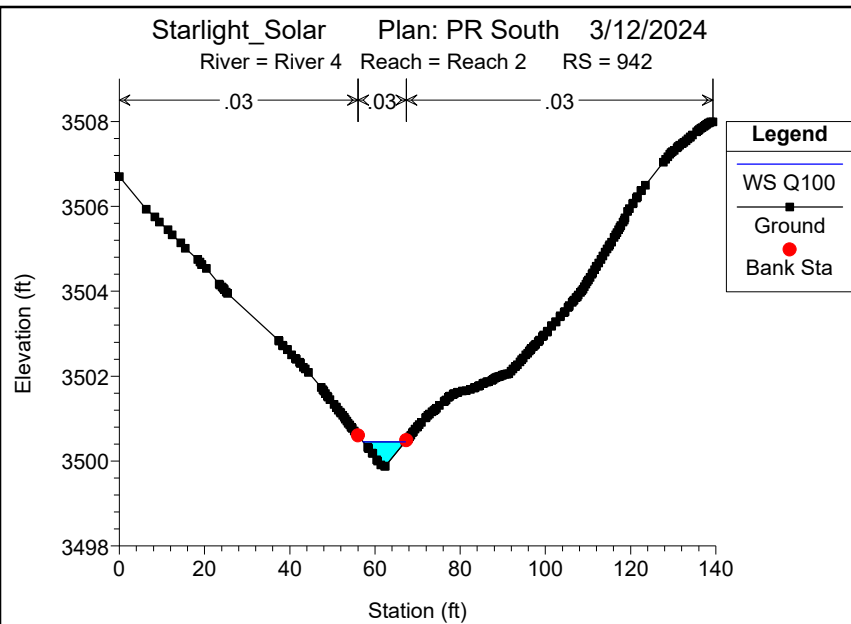


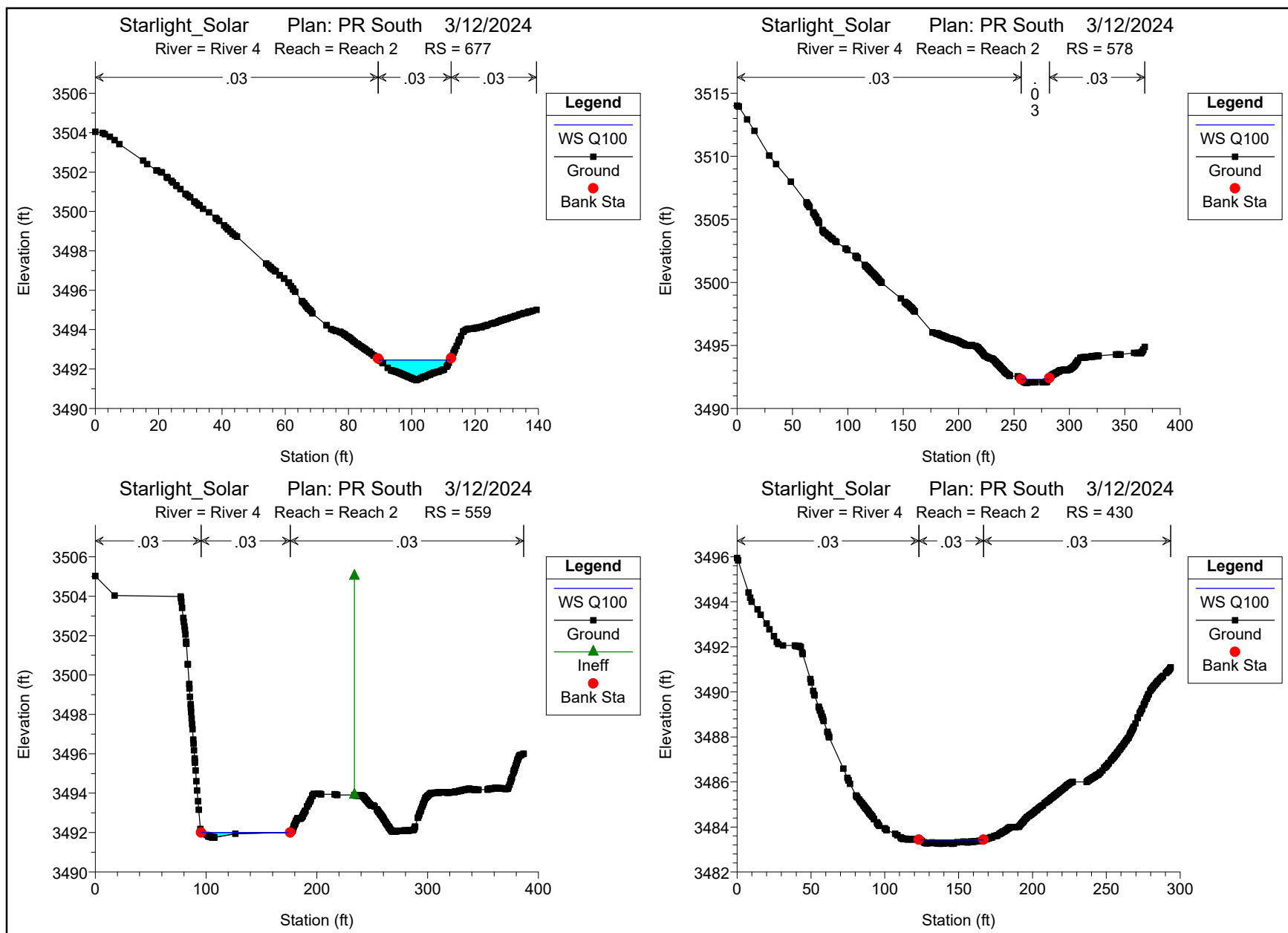


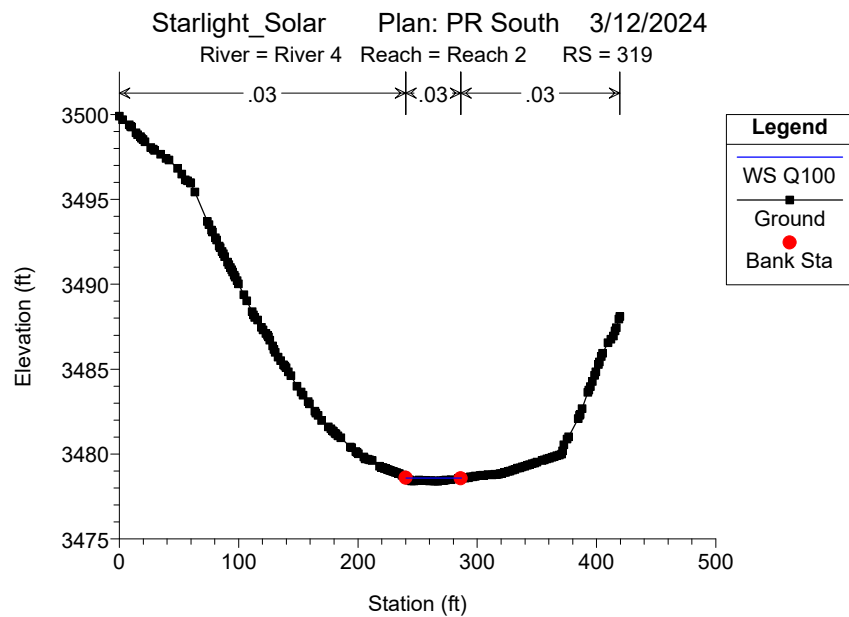
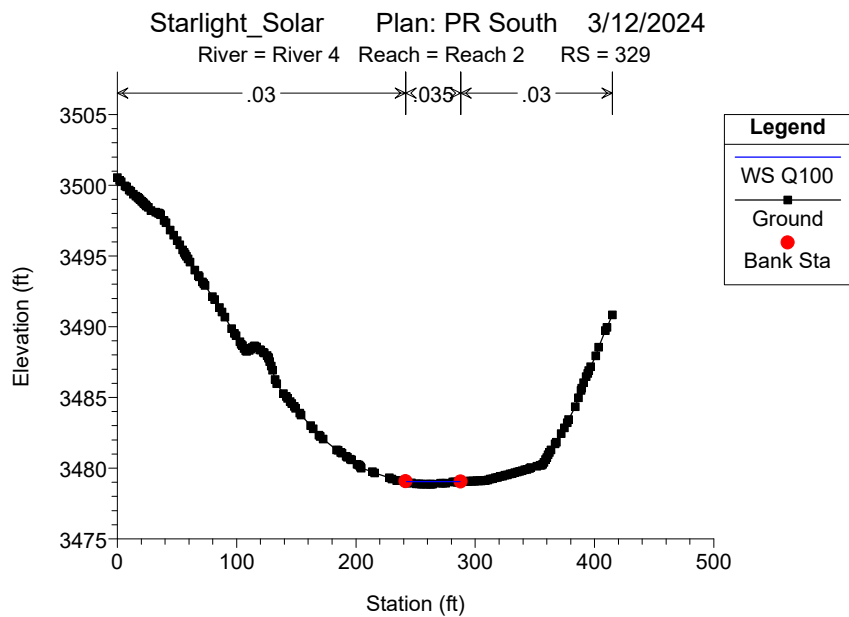
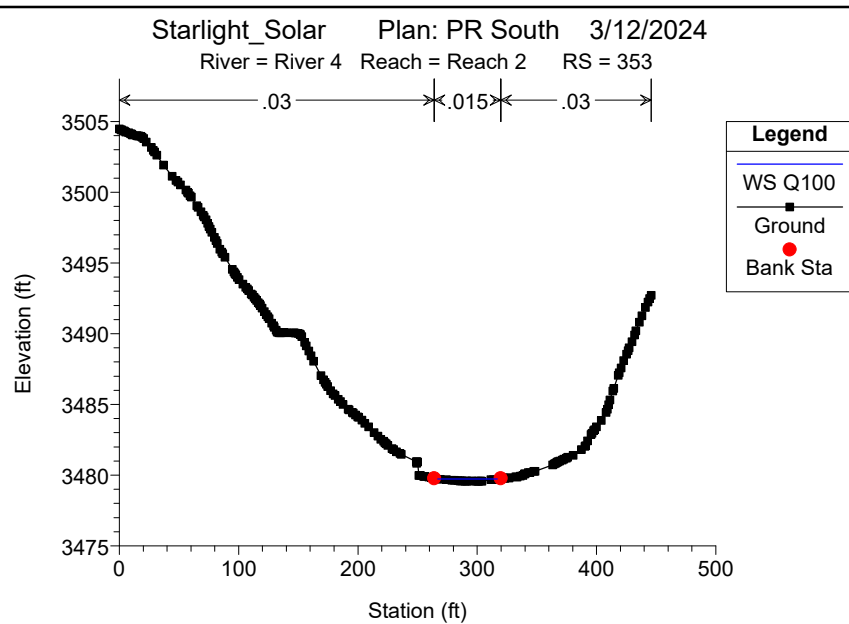
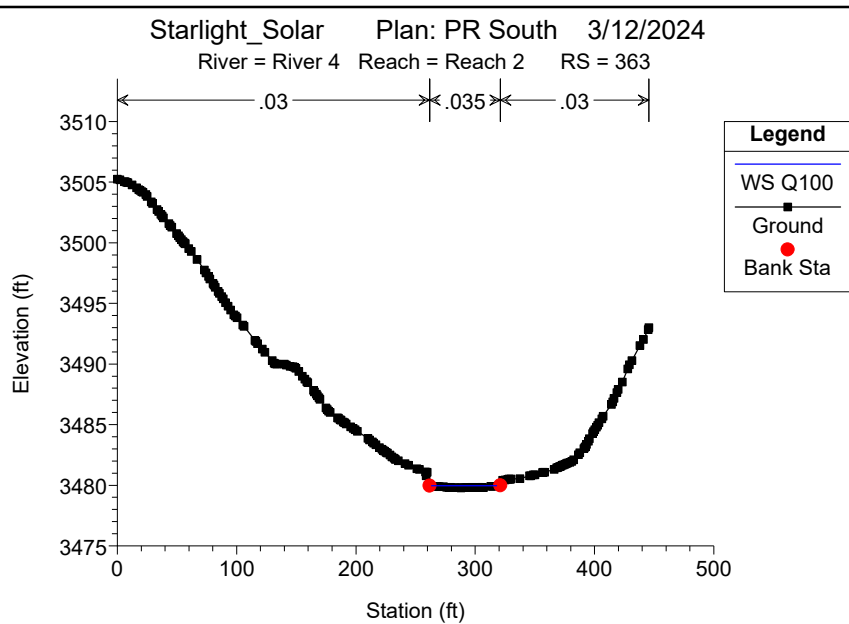


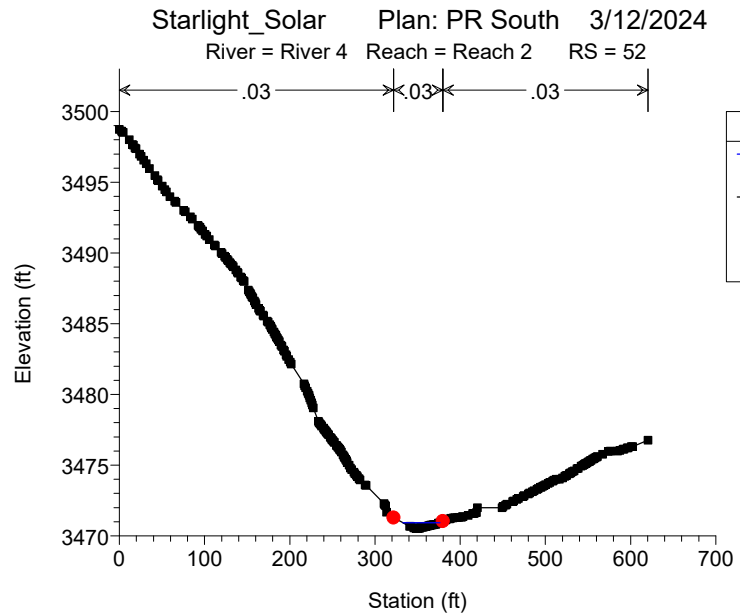
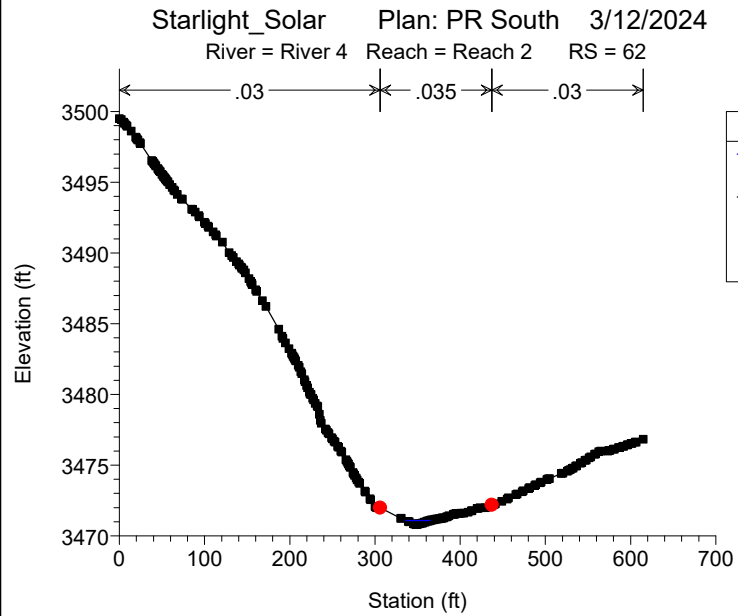
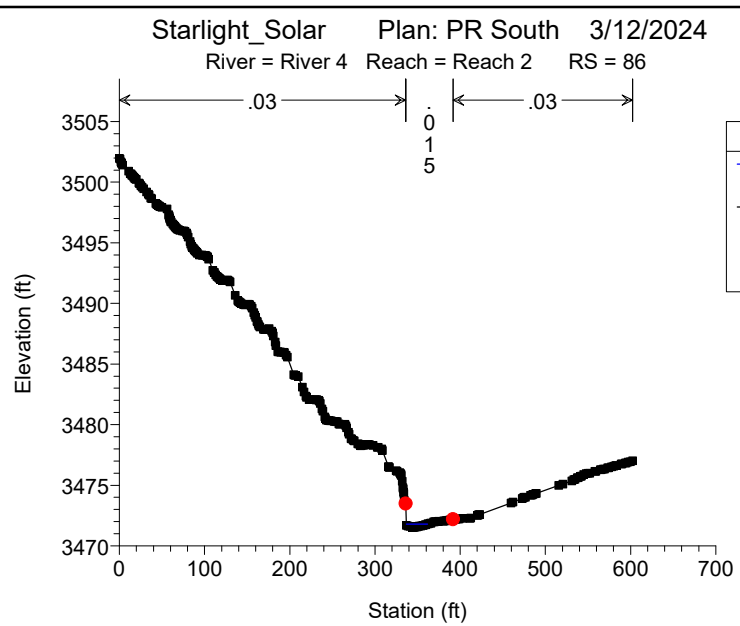
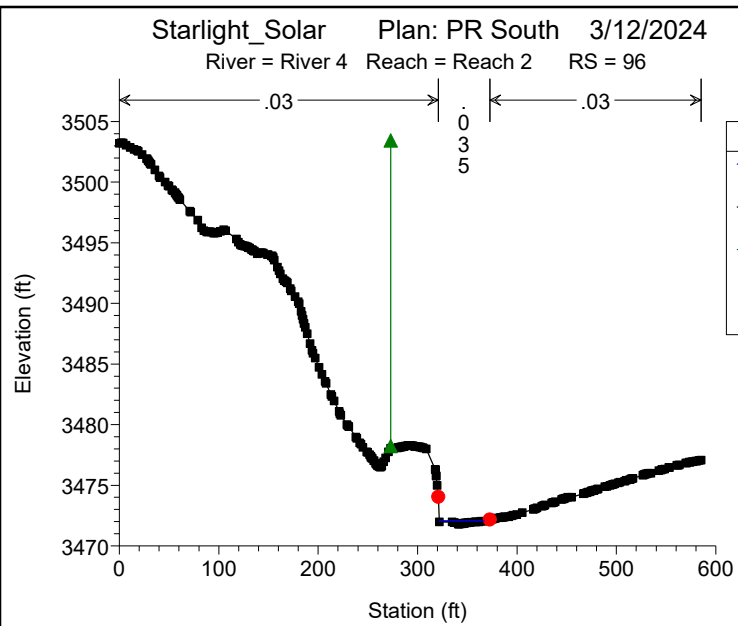












Color included to help clarify
different Reaches

HEC-RAS Plan: PR South n=0.15 v2 Profile: Q100

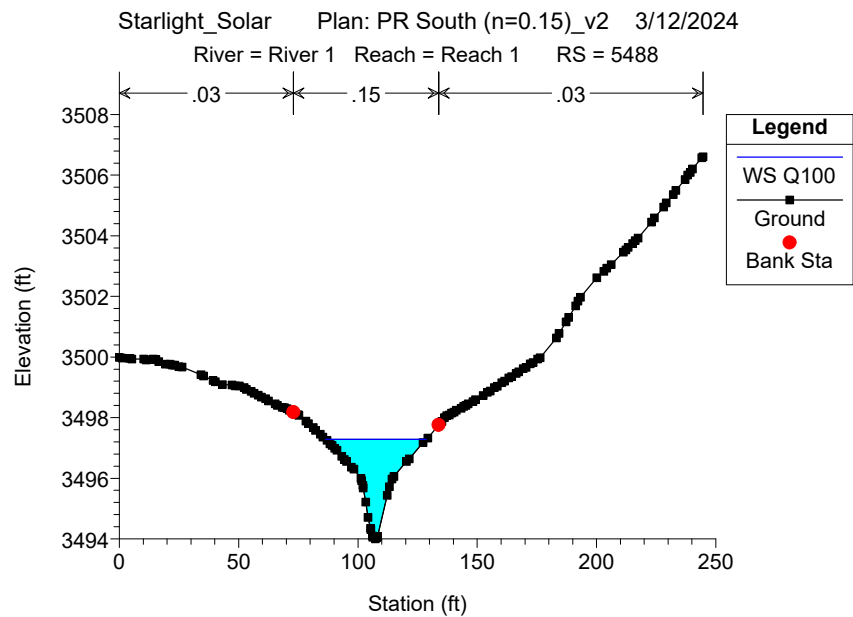
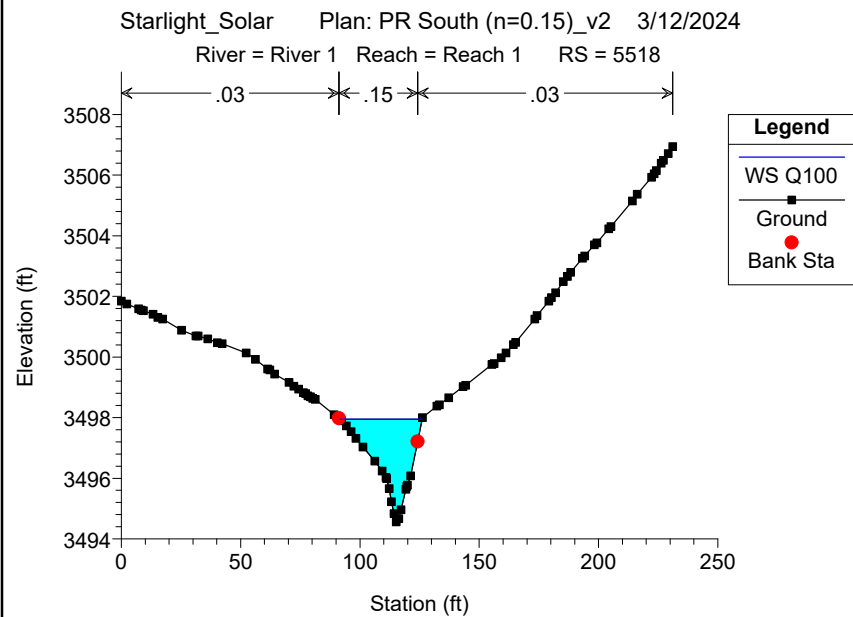
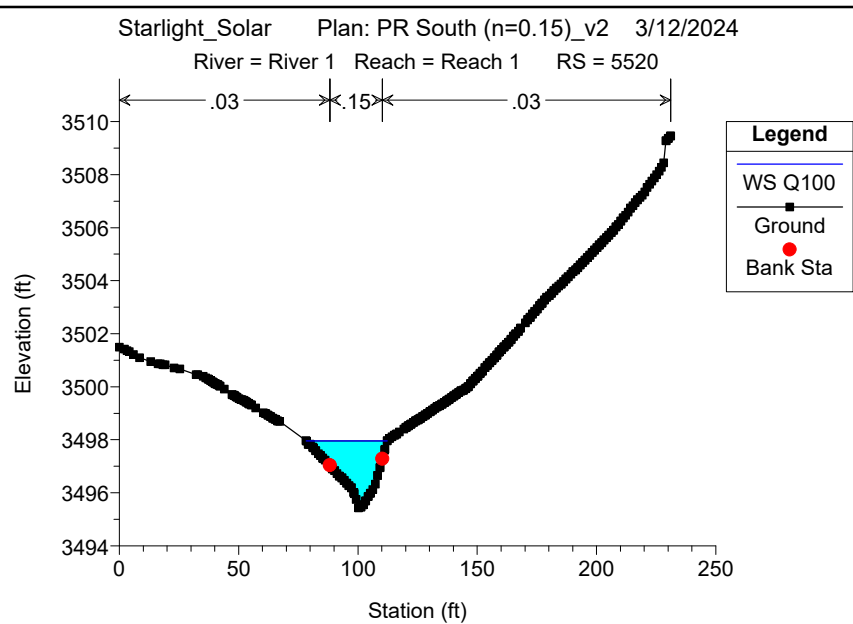
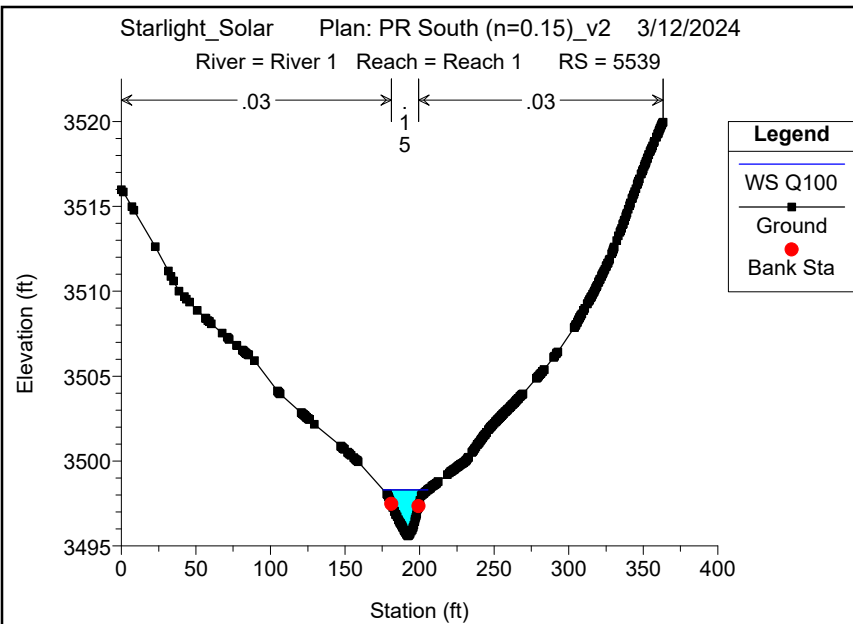
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 4	Reach 2	1179	Q100	9.70	3514.11	3514.94	0.83	0.0476		3514.98	0.047577	1.42	6.50	14.94	0.34
River 4	Reach 2	1126	Q100	9.70	3511.58	3512.07	0.49	0.0652	3511.93	3512.12	0.062011	1.19	6.90	29.93	0.36
River 4	Reach 2	1095	Q100	9.70	3509.56	3510.12	0.56	0.0676		3510.15	0.065205	1.30	7.27	21.50	0.38
River 4	Reach 2	1042	Q100	9.70	3506.00	3506.40	0.40	0.0480		3506.43	0.076750	1.40	6.87	20.08	0.41
River 4	Reach 2	1017	Q100	9.70	3504.78	3505.48	0.70	0.0464		3505.50	0.021348	0.92	9.38	23.30	0.23
River 4	Reach 2	998	Q100	9.70	3503.89	3504.24	0.35	0.0794	3504.24	3504.35	0.551354	2.58	3.76	18.10	1.00
River 4	Reach 2	972	Q100	9.70	3501.84	3502.55	0.71	0.0651		3502.57	0.024133	1.03	9.16	19.71	0.24
River 4	Reach 2	942	Q100	9.70	3499.88	3500.45	0.57	0.0789	3500.45	3500.61	0.502585	3.18	3.05	9.93	1.01
River 4	Reach 2	918	Q100	9.70	3497.97	3498.46	0.49	0.0764		3498.48	0.029791	1.01	9.35	22.44	0.26
River 4	Reach 2	892	Q100	9.70	3496.00	3496.34	0.34	0.0318	3496.34	3496.47	0.512382	2.88	3.37	13.02	1.00
River 4	Reach 2	770	Q100	9.70	3492.13	3492.97	0.84	0.0074		3492.97	0.000398	0.16	54.06	92.89	0.03
River 4	Reach 2	677	Q100	9.70	3491.44	3492.91	1.47	-0.0062		3492.91	0.001363	0.38	25.17	27.34	0.06
River 4	Reach 2	578	Q100	9.70	3492.06	3492.57	0.51	0.0169		3492.58	0.017251	0.77	12.31	34.76	0.20
River 4	Reach 2	559	Q100	9.70	3491.75	3492.10	0.35	0.0657	3492.00	3492.11	0.044443	0.66	14.47	95.64	0.28
River 4	Reach 2	430	Q100	9.70	3483.26	3483.50	0.24	0.0521	3483.43	3483.53	0.110090	1.07	8.68	59.43	0.44
River 4	Reach 2	363	Q100	9.70	3479.78	3479.95	0.17	0.0220	3479.95	3479.99	0.031006	1.68	5.77	54.22	0.91
River 4	Reach 2	353	Q100	9.70	3479.56	3479.74	0.18	0.0292	3479.74	3479.79	0.007352	1.87	5.17	49.88	1.03
River 4	Reach 2	329	Q100	9.70	3478.86	3479.04	0.18	0.0460	3479.04	3479.10	0.038272	1.93	5.02	44.77	1.02
River 4	Reach 2	319	Q100	9.70	3478.40	3478.73	0.33	0.0295		3478.74	0.022775	0.62	13.78	62.86	0.21
River 4	Reach 2	96	Q100	9.70	3471.80	3472.05	0.25	0.0290	3472.05	3472.11	0.040092	1.95	4.97	45.02	1.04
River 4	Reach 2	86	Q100	9.70	3471.51	3471.80	0.29	0.0300	3471.80	3471.88	0.005819	2.31	4.19	24.71	0.99
River 4	Reach 2	62	Q100	9.70	3470.79	3471.37	0.57	0.0280		3471.37	0.001016	0.58	16.64	58.83	0.19
River 4	Reach 2	52	Q100	9.70	3470.51	3471.36	0.85	0.0132		3471.36	0.001476	0.26	35.23	82.25	0.06
River 3	Reach 3	2455	Q100	53.00	3461.25	3462.03	0.78	0.0177		3462.04	0.010511	0.75	64.08	127.72	0.17
River 3	Reach 3	2396	Q100	53.00	3460.22	3460.82	0.60	0.0327		3460.85	0.055108	1.23	41.14	121.50	0.35
River 3	Reach 3	2324	Q100	53.00	3457.84	3458.44	0.60	0.0207		3458.45	0.021922	0.90	58.18	125.77	0.23
River 3	Reach 3	2233	Q100	53.00	3455.97	3456.75	0.78	0.0208		3456.78	0.015855	0.98	47.80	83.50	0.21
River 3	Reach 3	2095	Q100	53.00	3453.13	3453.85	0.72	0.0330	3453.85	3454.04	0.026000	3.52	15.06	40.56	1.02
River 3	Reach 3	2087	Q100	53.00	3452.80	3453.43	0.63	0.0333	3453.43	3453.61	0.004630	3.36	15.76	44.39	1.00
River 3	Reach 3	2069	Q100	53.00	3452.00	3453.14	1.14	0.0000		3453.15	0.000450	0.88	62.75	78.01	0.16
River 3	Reach 3	2060	Q100	53.00	3452.00	3453.13	1.13	0.0078		3453.14	0.003511	0.61	79.05	88.66	0.10
River 3	Reach 3	1919	Q100	53.00	3450.95	3451.36	0.41	0.0319	3451.36	3451.53	0.474718	3.30	16.06	47.71	1.00
River 3	Reach 3	1889	Q100	53.00	3450.00	3451.08	1.08	0.0000		3451.13	0.003368	1.86	28.62	47.08	0.40
River 3	Reach 3	1879	Q100	53.00	3450.00	3451.05	1.05	0.0000		3451.12	0.000709	2.03	26.30	41.65	0.44
River 3	Reach 3	1855	Q100	53.00	3450.00	3451.03	1.03	0.0000		3451.09	0.003345	1.95	27.59	43.60	0.41
River 3	Reach 3	1845	Q100	53.00	3450.00	3450.96	0.96	0.0127		3451.01	0.031852	1.47	32.94	56.91	0.30
River 3	Reach 3	1763	Q100	53.00	3448.95	3450.15	1.20	0.0095	3449.49	3450.16	0.004862	0.62	76.25	121.03	0.12
River 3	Reach 3	1653	Q100	53.00	3447.91	3448.23	0.32	0.0178	3448.23	3448.37	0.519719	2.97	17.82	66.29	1.01
River 3	Reach 3	1546	Q100	53.00	3446.00	3447.29	1.29	0.0000		3447.30	0.000408	0.86	63.87	75.70	0.15
River 3	Reach 3	1536	Q100	53.00	3446.00	3447.29	1.29	0.0000		3447.30	0.000054	0.70	79.90	100.49	0.13
River 3	Reach 3	1512	Q100	53.00	3446.00	3447.29	1.29	0.0000		3447.29	0.000257	0.66	83.83	106.41	0.12
River 3	Reach 3	1502	Q100	53.00	3446.00	3447.28	1.28	0.0000		3447.29	0.001933	0.44	114.83	128.16	0.08
River 3	Reach 3	1370	Q100	53.00	3446.00	3446.25	0.24	0.0128	3446.25	3446.36	0.542418	2.74	19.35	84.09	1.01
River 3	Reach 3	1213	Q100	53.00	3444.00	3444.69	0.69	0.0000		3444.70	0.000774	0.86	61.88	103.09	0.19
River 3	Reach 3	1203	Q100	53.00	3444.00	3444.68	0.68	0.0000		3444.70	0.000145	0.89	59.73	96.29	0.20
River 3	Reach 3	1179	Q100	53.00	3444.00	3444.68	0.68	0.0000		3444.69	0.000776	0.89	60.42	99.27	0.19
River 3	Reach 3	1169	Q100	53.00	3444.00	3444.66	0.66	0.0187		3444.67	0.011434	0.79	64.19	110.00	0.17
River 3	Reach 3	1062	Q100	53.00	3442.00	3442.97	0.97	0.0116	3442.49	3443.00	0.022444	1.14	45.52	76.81	0.24
River 3	Reach 3	884	Q100	53.00	3439.94	3440.37	0.43	-0.0060	3440.26	3440.44	0.009935	2.17	24.41	66.38	0.63
River 3	Reach 3	874	Q100	53.00	3440.00	3440.25	0.25	0.0587	3440.25	3440.37	0.005269	2.78	19.04	78.95	1.00
River 3	Reach 3	850	Q100	53.00	3438.59	3439.73	1.14	0.0400		3439.75	0.001287	1.21	43.77	61.67	0.25
River 3	Reach 3	840	Q100	53.00	3438.19	3439.70	1.51	0.0147	3438.92	3439.73	0.005739	0.83	52.34	63.33	0.14
River 3	Reach 3	688	Q100	53.00	3435.97	3436.67	0.70	0.0154	3436.67	3436.91	0.421725	3.93	13.49	28.21	1.00

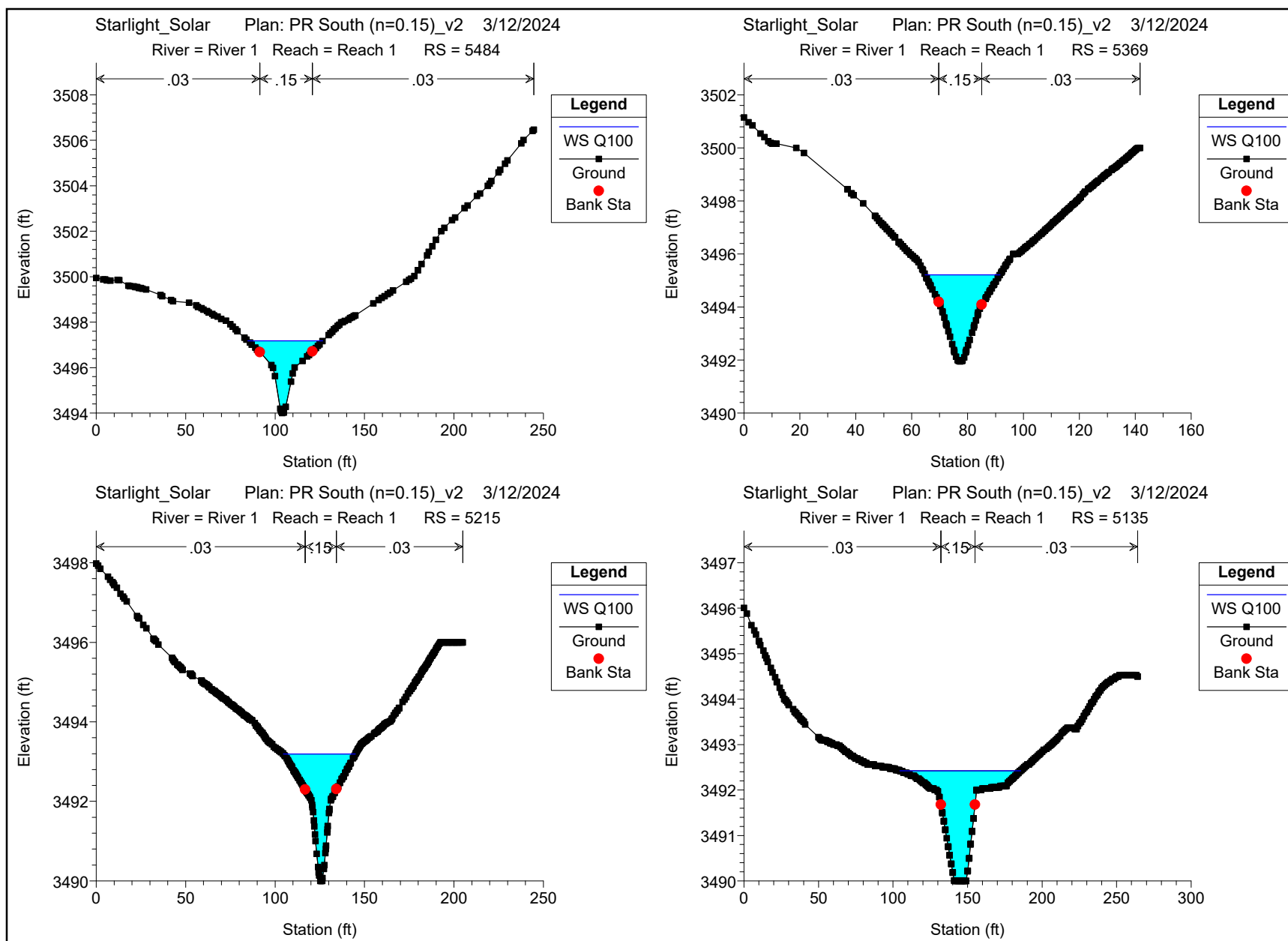
HEC-RAS Plan: PR South n=0.15 v2 Profile: Q100 (Continued)

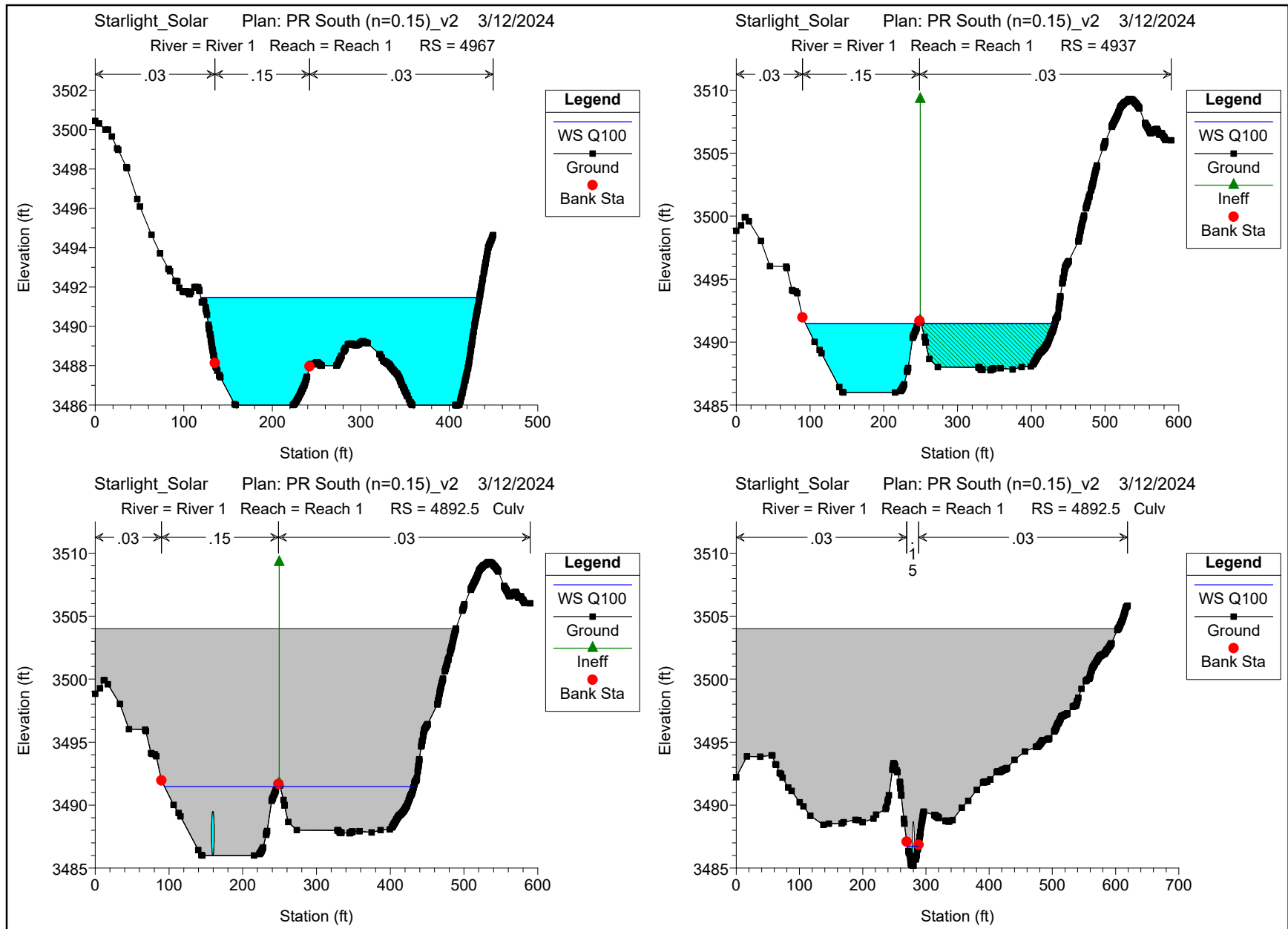
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 3	Reach 3	549	Q100	53.00	3433.82	3434.42	0.60	-0.0180		3434.45	0.002617	1.26	41.91	94.33	0.33
River 3	Reach 3	539	Q100	53.00	3434.00	3434.38	0.38	0.0083		3434.43	0.001269	1.68	31.50	95.62	0.52
River 3	Reach 3	515	Q100	53.00	3433.80	3434.24	0.44	0.1040	3434.24	3434.34	0.029849	2.56	20.73	100.67	0.99
River 3	Reach 3	505	Q100	53.00	3432.76	3433.59	0.83	0.0273		3433.62	0.014446	0.91	50.25	91.86	0.20
River 3	Reach 3	439	Q100	53.00	3430.98	3431.92	0.94	0.0167		3431.97	0.055033	1.72	29.38	66.47	0.38
River 3	Reach 3	326	Q100	53.00	3429.10	3430.00	0.90	0.0233		3430.02	0.008274	0.74	60.27	103.95	0.15
River 3	Reach 3	236	Q100	53.00	3427.00	3427.51	0.51	0.0179	3427.51	3427.66	0.518917	3.09	17.17	60.30	1.02
River 3	Reach 3	171	Q100	53.00	3425.84	3426.38	0.54	-0.0160		3426.41	0.003703	1.44	36.85	88.71	0.39
River 3	Reach 3	161	Q100	53.00	3426.00	3426.35	0.35	0.0000		3426.39	0.001134	1.60	33.04	99.06	0.49
River 3	Reach 3	137	Q100	53.00	3426.00	3426.21	0.21	0.1320	3426.21	3426.31	0.030895	2.53	20.94	106.04	1.00
River 3	Reach 3	128	Q100	53.00	3424.68	3425.53	0.85	0.0263		3425.57	0.040491	1.37	36.20	77.96	0.32
River 3	Reach 3	74	Q100	53.00	3423.27	3424.24	0.97	0.0332	3423.82	3424.27	0.015962	1.02	44.39	76.99	0.21
River 3	Reach 3	41	Q100	53.00	3422.19	3422.62	0.43	0.2471	3422.62	3422.75	0.524221	2.92	18.15	69.83	1.01
River 2	Reach 3-Lower	994	Q100	659.00	3412.00	3418.98	6.98	0.0112		3419.17	0.013494	3.24	195.27	76.97	0.25
River 2	Reach 3-Lower	813	Q100	659.00	3409.97	3415.58	5.61		3413.74	3415.91	0.025024	2.84	184.70	108.09	0.32
River 1	Reach 1	5539	Q100	87.30	3495.59	3498.30	2.71	0.0088		3498.39	0.019916	2.13	39.04	29.97	0.27
River 1	Reach 1	5520	Q100	87.30	3495.43	3497.96	2.53	0.3782		3498.05	0.017092	1.82	42.46	33.91	0.25
River 1	Reach 1	5518	Q100	87.30	3494.56	3497.95	3.39	0.0184		3498.00	0.018507	1.74	49.58	34.49	0.25
River 1	Reach 1	5488	Q100	87.30	3494.00	3497.28	3.28	0.0000		3497.33	0.026386	1.77	49.39	42.10	0.29
River 1	Reach 1	5484	Q100	87.30	3494.00	3497.17	3.17	0.0177		3497.24	0.023451	1.88	44.72	41.81	0.28
River 1	Reach 1	5369	Q100	87.30	3491.95	3495.22	3.26	0.0127		3495.31	0.012523	1.86	41.09	26.80	0.22
River 1	Reach 1	5215	Q100	87.30	3490.00	3493.19	3.19	0.0000		3493.29	0.013966	1.69	41.69	40.35	0.22
River 1	Reach 1	5135	Q100	87.30	3490.00	3492.43	2.42	0.0000		3492.46	0.007735	1.32	59.48	80.98	0.17
River 1	Reach 1	5132	Q100	87.30	3490.00	3492.37	2.37	0.0000		3492.43	0.020481	1.75	47.62	70.48	0.26
River 1	Reach 1	5102	Q100	87.30	3490.00	3491.43	1.43	0.0000	3491.00	3491.53	0.048918	1.62	45.59	100.08	0.36
River 1	Reach 1	5100	Q100	87.30	3490.00	3491.45	1.45	0.0443		3491.48	0.003653	0.64	76.75	140.10	0.11
River 1	Reach 1	5075	Q100	87.30	3488.92	3491.47	3.59	0.0270		3491.47	0.000016	0.06	397.52	242.51	0.01
River 1	Reach 1	4967	Q100	87.30	3486.00	3491.47	5.47	0.0000		3491.47	0.000001	0.02	1306.27	314.95	0.00
River 1	Reach 1	4937	Q100	87.30	3486.00	3491.47	5.47	0.0091	3486.34	3491.47	0.000029	0.14	634.68	333.74	0.01
River 1	Reach 1	4892.5		Culvert											
River 1	Reach 1	4848	Q100	87.30	3485.19	3486.73	1.54	0.1784	3486.73	3487.20	0.350667	5.52	15.82	16.97	1.01
River 1	Reach 1	4822	Q100	87.30	3480.48	3482.58	2.10	0.0063		3482.58	0.004049	0.67	130.22	118.41	0.11
River 1	Reach 1	4478	Q100	87.30	3478.31	3479.50	1.19	0.0310	3479.50	3479.84	0.021272	4.69	18.62	28.15	1.02
River 1	Reach 1	4468	Q100	87.30	3478.00	3479.34	1.34	0.0000		3479.46	0.001311	2.79	31.31	45.58	0.59
River 1	Reach 1	4444	Q100	87.30	3478.00	3479.20	1.20	0.0000	3479.20	3479.39	0.010927	3.76	28.90	81.93	0.75
River 1	Reach 1	4434	Q100	87.30	3478.00	3479.08	1.08	0.0186	3478.97	3479.18	0.016875	1.09	42.62	106.75	0.22
River 1	Reach 1	4150	Q100	87.30	3472.72	3473.16	0.44	0.0260	3473.16	3473.32	0.025830	3.23	27.09	84.57	1.00
River 1	Reach 1	4140	Q100	87.30	3472.46	3472.92	0.46	0.0192	3472.92	3473.08	0.004734	3.21	27.18	84.16	1.00
River 1	Reach 1	4116	Q100	87.30	3472.00	3472.68	0.68	0.0010		3472.72	0.003277	1.65	53.31	104.22	0.39
River 1	Reach 1	4106	Q100	87.30	3471.99	3472.60	0.61	0.0336		3472.63	0.062876	1.56	55.88	115.47	0.39
River 1	Reach 1-Lower	3849	Q100	97.00	3468.00	3468.98	0.98	0.0262		3469.02	0.018760	1.21	70.98	103.61	0.23
River 1	Reach 1-Lower	3697	Q100	97.00	3464.00	3465.61	1.61	0.0000	3465.61	3466.05	0.019559	5.34	18.16	20.96	1.01
River 1	Reach 1-Lower	3687	Q100	97.00	3464.00	3465.69	1.69	0.0000		3465.72	0.000115	1.28	76.88	63.77	0.20
River 1	Reach 1-Lower	3663	Q100	97.00	3464.00	3465.69	1.69	0.0020		3465.71	0.000629	1.28	76.52	63.64	0.20
River 1	Reach 1-Lower	3653	Q100	97.00	3463.98	3465.63	1.65	0.0384		3465.69	0.020672	1.69	53.57	53.28	0.26
River 1	Reach 1-Lower	3600	Q100	97.00	3461.97	3464.84	2.87	0.0017		3464.89	0.011839	1.60	57.54	46.89	0.21
River 1	Reach 1-Lower	3554	Q100	97.00	3461.89	3464.17	2.28	0.0160	3463.50	3464.22	0.017646	1.74	51.96	157.41	0.25
River 1	Reach 1-Lower	3308	Q100	97.00	3457.97	3459.24	1.27	0.0030	3459.24	3459.67	0.019257	5.23	18.56	21.99	1.00
River 1	Reach 1-Lower	3298	Q100	97.00	3457.94	3459.07	1.13	0.0396	3459.07	3459.43	0.003739	4.81	20.15	28.31	1.01
River 1	Reach 1-Lower	3274	Q100	97.00	3456.99	3458.59	1.60	0.0990	3458.37	3458.72	0.007706	2.92	36.23	106.94	0.62
River 1	Reach 1-Lower	3264	Q100	97.00	3456.00	3458.53	2.53	0.0137	3458.29	3458.59	0.017874	0.96	67.44	188.33	0.21
River 1	Reach 1-Lower	3118	Q100	97.00	3454.00	3454.98	0.98	0.0165		3455.04	0.034546	1.43	58.76	154.47	0.30
River 1	Reach 1-Lower	3060	Q100	97.00	3453.05	3453.81	0.76	0.0185	3453.46	3453.83	0.013996	0.80	106.78	249.17	0.19

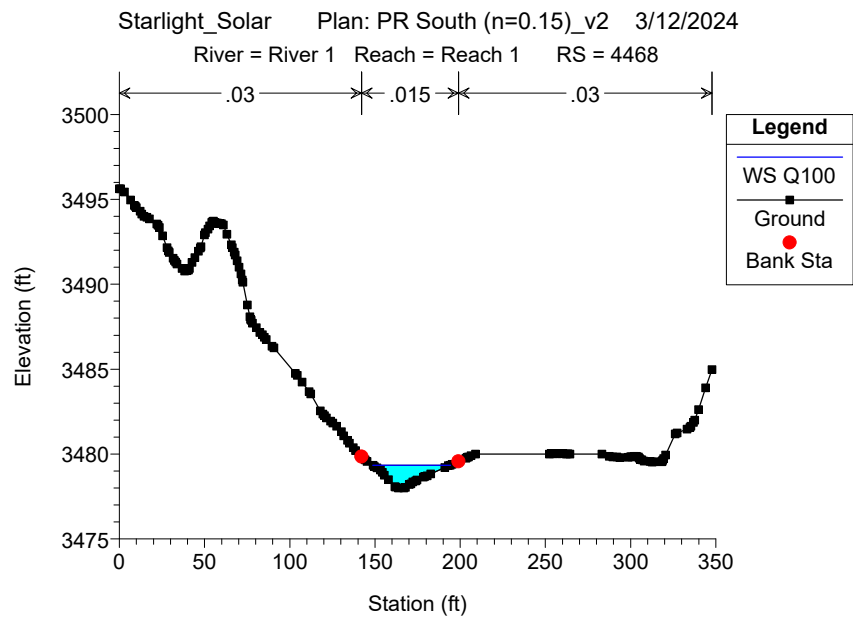
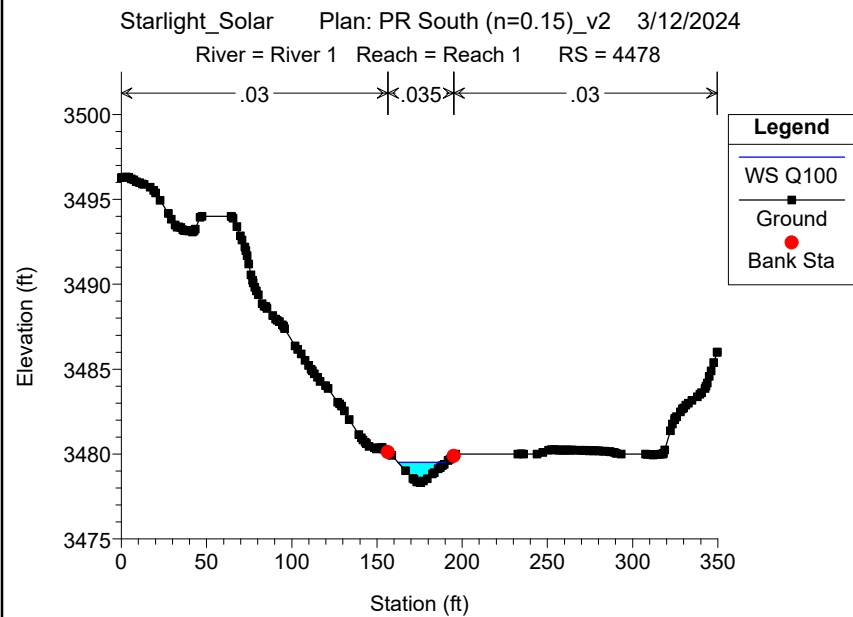
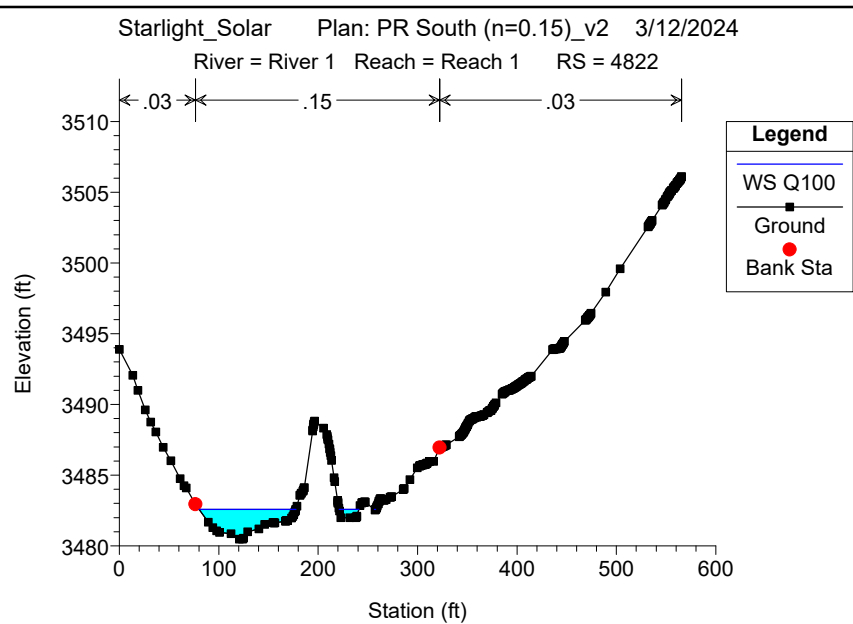
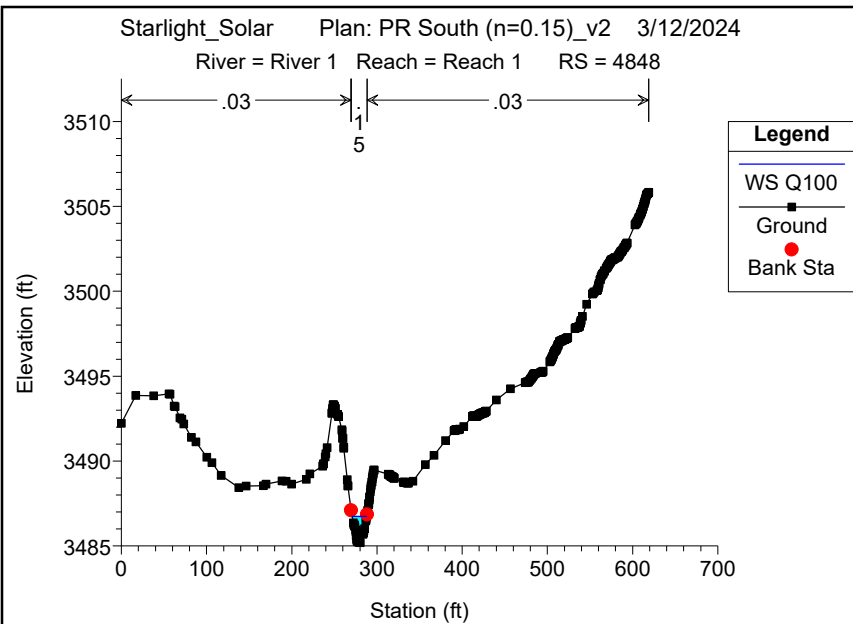
HEC-RAS Plan: PR South n=0.15 v2 Profile: Q100 (Continued)

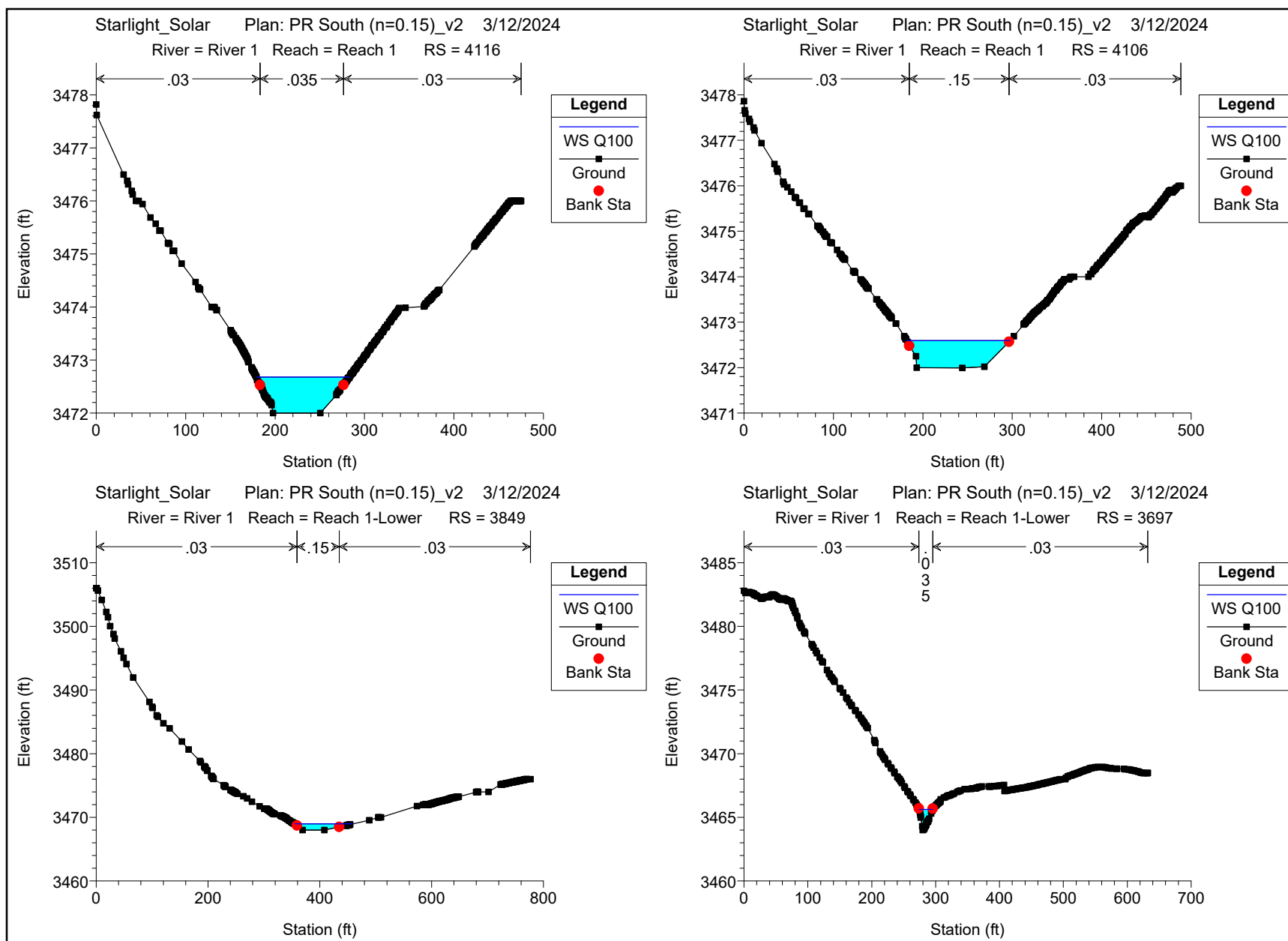
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Max Chl Dpth (ft)	Invert Slope	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
River 1	Reach 1-Lower	2934	Q100	117.00	3450.71	3451.10	0.39	0.0270	3451.10	3451.21	0.030484	2.65	44.17	206.73	1.01
River 1	Reach 1-Lower	2924	Q100	117.00	3450.44	3450.88	0.44	0.0025		3450.94	0.002303	2.00	58.52	214.55	0.67
River 1	Reach 1-Lower	2900	Q100	117.00	3450.38	3450.71	0.33	0.0380	3450.71	3450.81	0.031903	2.51	46.68	245.57	1.01
River 1	Reach 1-Lower	2890	Q100	117.00	3450.00	3450.50	0.50	0.0252		3450.52	0.021302	0.88	122.66	290.20	0.23
River 1	Reach 1-Lower	2856	Q100	117.00	3449.15	3449.93	0.78	0.0273		3449.95	0.013936	0.79	126.49	287.41	0.19
River 1	Reach 1-Lower	2746	Q100	117.00	3446.15	3447.38	1.23	0.0049		3447.40	0.046232	1.33	87.78	177.25	0.33
River 1	Reach 1-Lower	2697	Q100	489.00	3445.91	3446.72	0.81	0.0355	3446.62	3446.85	0.008817	0.52	185.43	386.46	0.14
River 1	Reach 1-Lower	2643	Q100	489.00	3444.00	3445.13	1.12	0.0174	3445.13	3445.40	0.420021	4.21	116.21	218.71	1.02
River 1	Reach 1-Lower	2528	Q100	489.00	3442.00	3443.98	1.98	0.0000		3444.01	0.000627	1.52	335.22	251.24	0.20
River 1	Reach 1-Lower	2518	Q100	489.00	3442.00	3443.98	1.98	0.0000		3444.01	0.000118	1.53	338.95	252.22	0.21
River 1	Reach 1-Lower	2494	Q100	489.00	3442.00	3443.97	1.97	0.0000		3444.01	0.000553	1.44	354.94	252.37	0.19
River 1	Reach 1-Lower	2484	Q100	489.00	3442.00	3443.95	1.95	0.0156		3443.99	0.006986	1.21	353.45	250.44	0.16
River 1	Reach 1-Lower	2398	Q100	489.00	3440.66	3441.76	1.10	0.0099	3441.76	3442.11	0.373804	4.74	103.06	148.60	1.00
River 1	Reach 1-Lower	2128	Q100	659.00	3438.00	3440.25	2.25	0.0000		3440.39	0.001929	3.01	226.03	132.49	0.37
River 1	Reach 1-Lower	2118	Q100	659.00	3438.00	3440.28	2.28	0.0000		3440.36	0.000215	2.35	300.74	195.30	0.29
River 1	Reach 1-Lower	2094	Q100	659.00	3438.00	3440.30	2.30	0.0370		3440.34	0.000726	1.78	370.47	202.69	0.23
River 1	Reach 1-Lower	2084	Q100	659.00	3437.63	3440.29	2.66	0.0216		3440.33	0.005972	1.31	466.46	248.98	0.15
River 1	Reach 1-Lower	1823	Q100	659.00	3432.00	3435.40	3.40	0.0057		3435.99	0.140060	6.15	107.17	49.48	0.74
River 1	Reach 1-Lower	1470	Q100	659.00	3430.00	3434.22	4.22	0.0000		3434.30	0.001303	2.29	289.91	176.55	0.30
River 1	Reach 1-Lower	1460	Q100	659.00	3430.00	3434.23	4.23	0.0000		3434.29	0.000100	1.93	384.88	203.14	0.21
River 1	Reach 1-Lower	1436	Q100	659.00	3430.00	3434.24	4.24	0.0000		3434.28	0.000428	1.77	409.30	214.38	0.18
River 1	Reach 1-Lower	1426	Q100	659.00	3430.00	3434.23	4.23	0.0087	3432.26	3434.27	0.011427	1.67	395.42	208.88	0.21
River 1	Reach 1-Lower	994	Q100	659.00	3426.24	3428.24	2.00	0.0240	3428.24	3428.72	0.014273	5.63	120.64	136.33	0.92
River 1	Reach 1-Lower	984	Q100	659.00	3426.00	3428.40	2.40	0.0000		3428.56	0.000612	3.32	224.69	204.05	0.47
River 1	Reach 1-Lower	960	Q100	659.00	3426.00	3428.45	2.45	0.0000		3428.51	0.000964	2.09	347.41	261.70	0.26
River 1	Reach 1-Lower	950	Q100	659.00	3426.00	3428.43	2.43	0.0098		3428.49	0.006783	1.34	396.59	275.94	0.16
River 1	Reach 1-Lower	730	Q100	659.00	3423.84	3425.89	2.05	0.0274		3425.97	0.023593	2.22	292.54	178.22	0.29
River 1	Reach 1-Lower	590	Q100	659.00	3420.00	3424.72	4.72	0.0070		3424.90	0.003694	1.50	235.04	164.48	0.13
River 1	Reach 1-Lower	304	Q100	659.00	3418.00	3423.30	5.30	0.0141		3423.41	0.007635	1.84	299.14	141.22	0.18

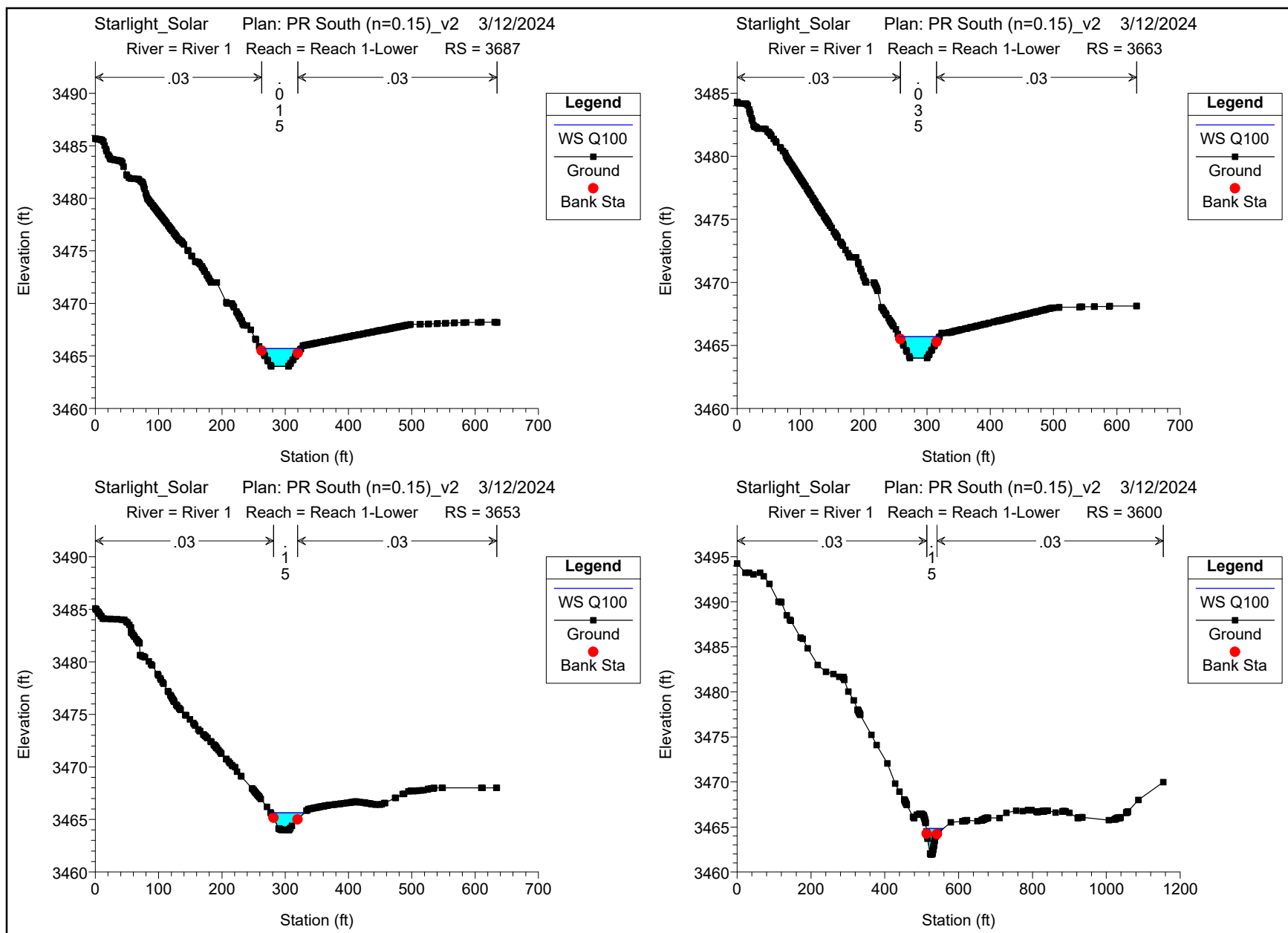




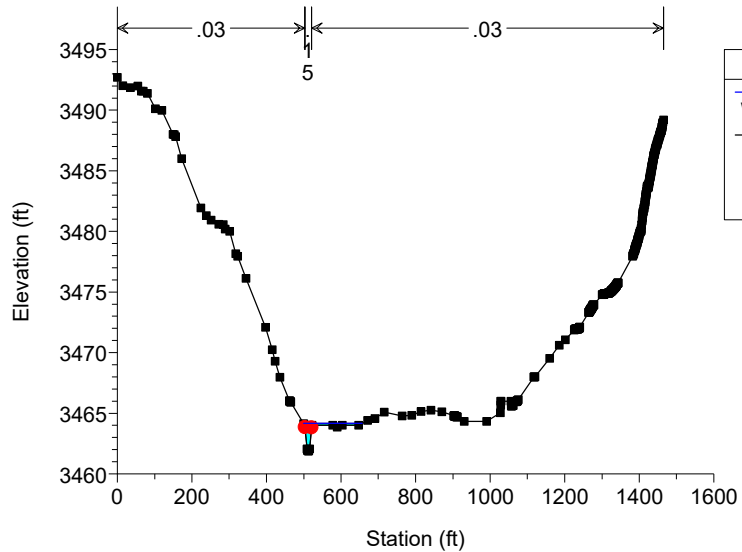




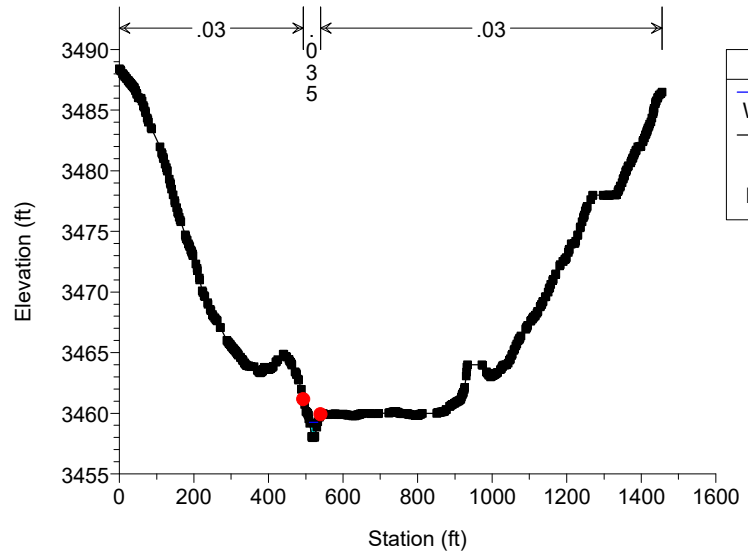




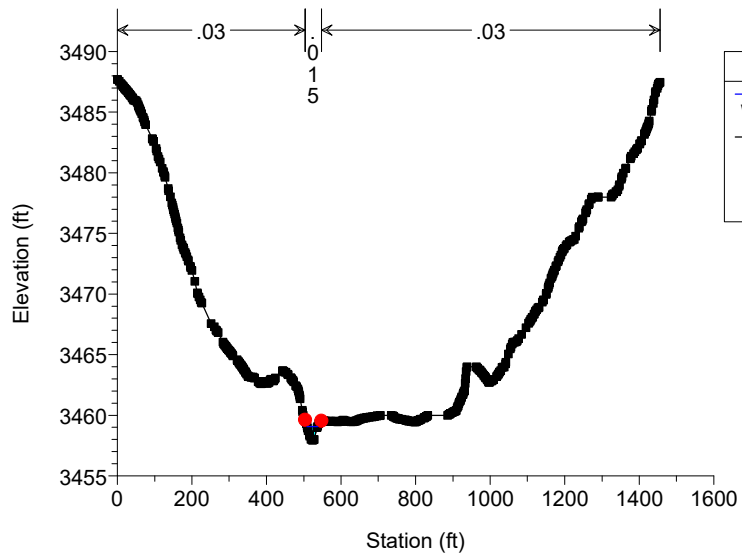
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3554



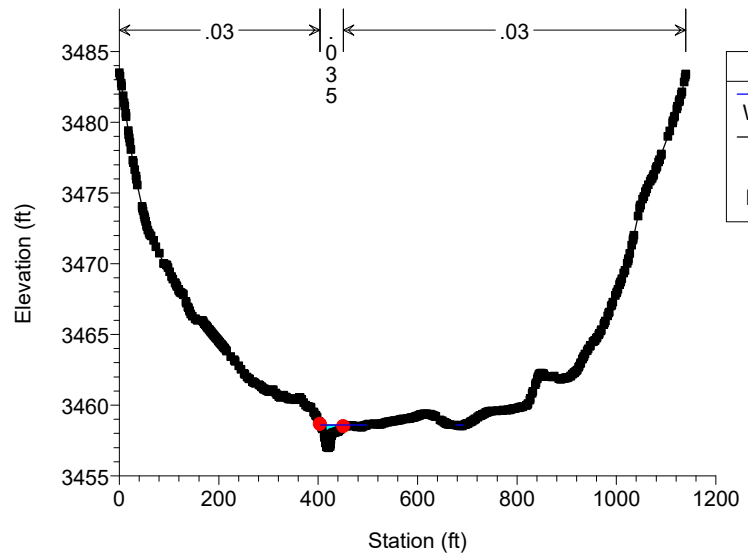
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3308



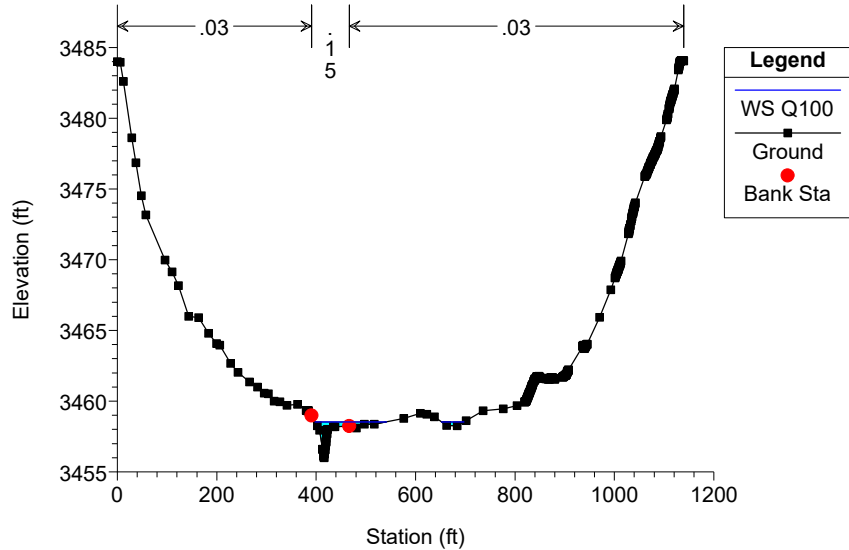
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3298



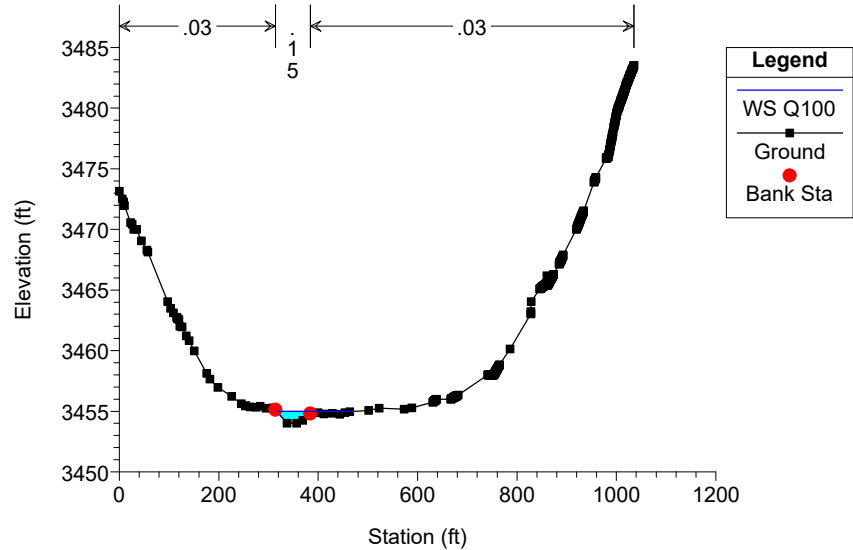
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3274



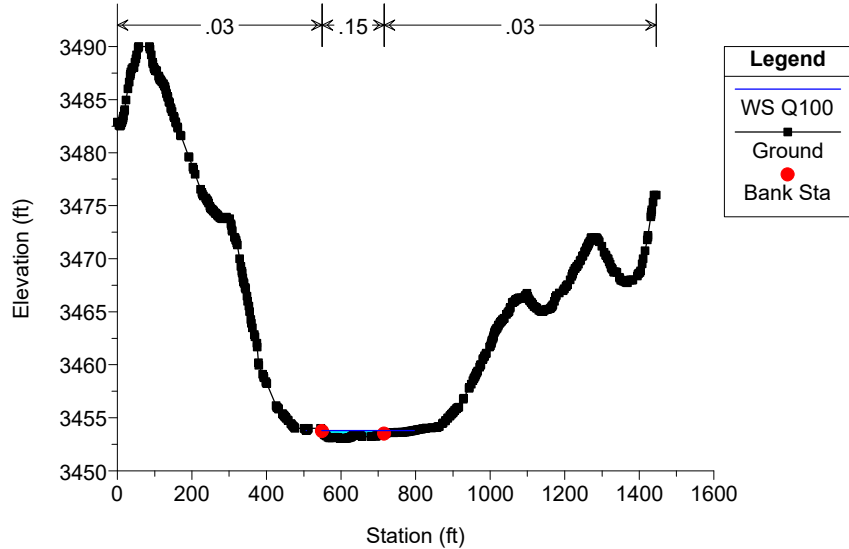
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3264



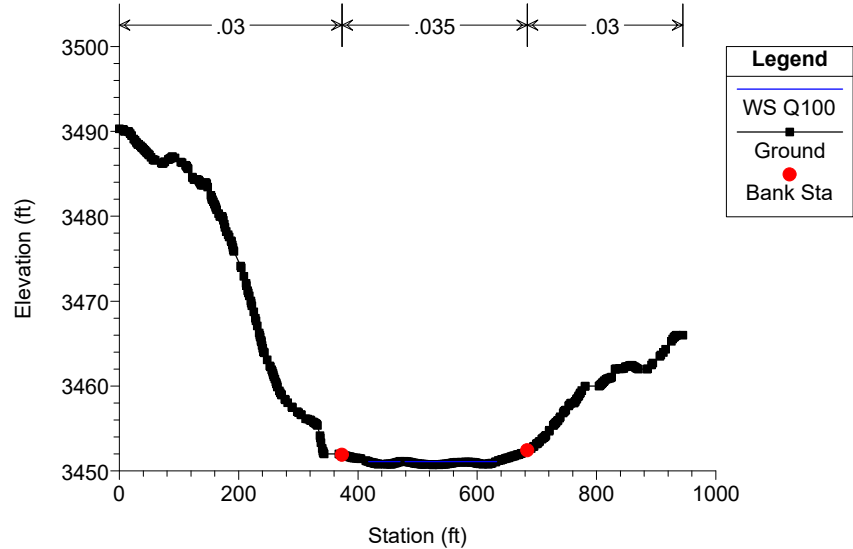
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3118

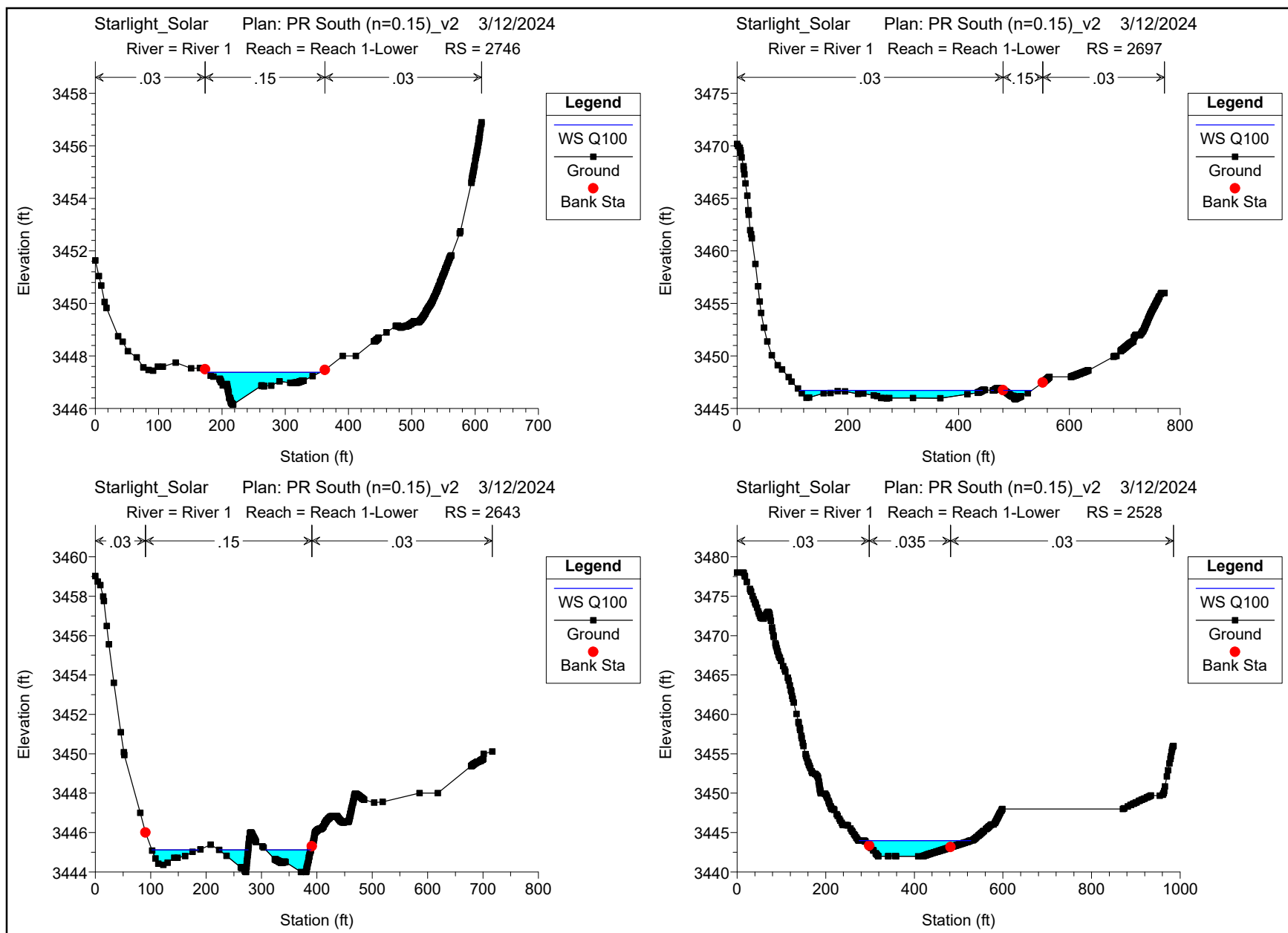


Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 3060

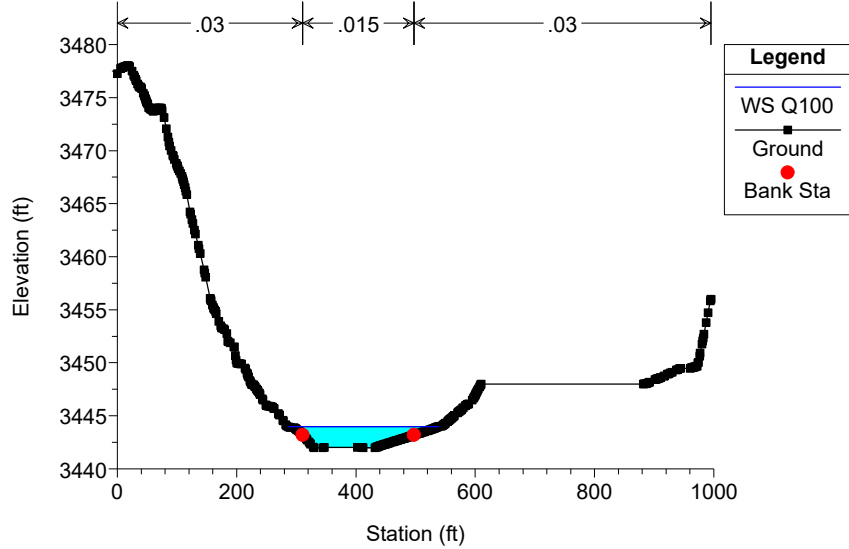


Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2934

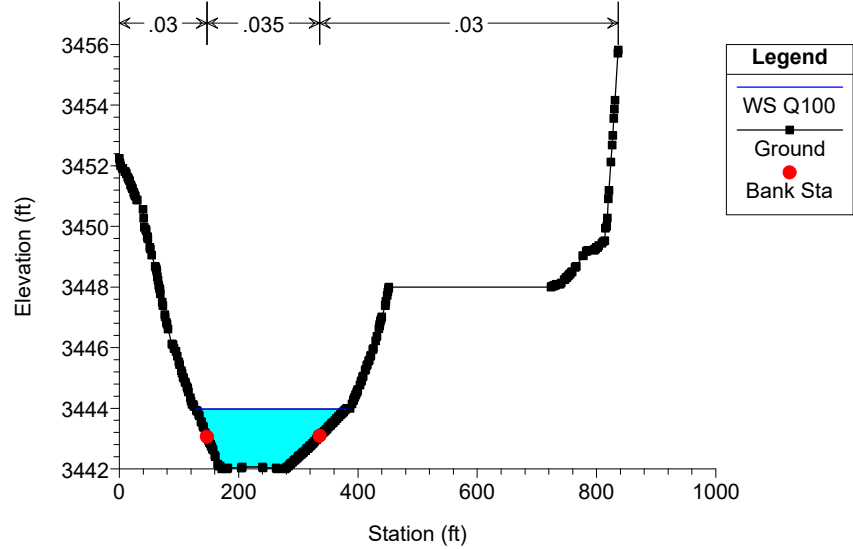




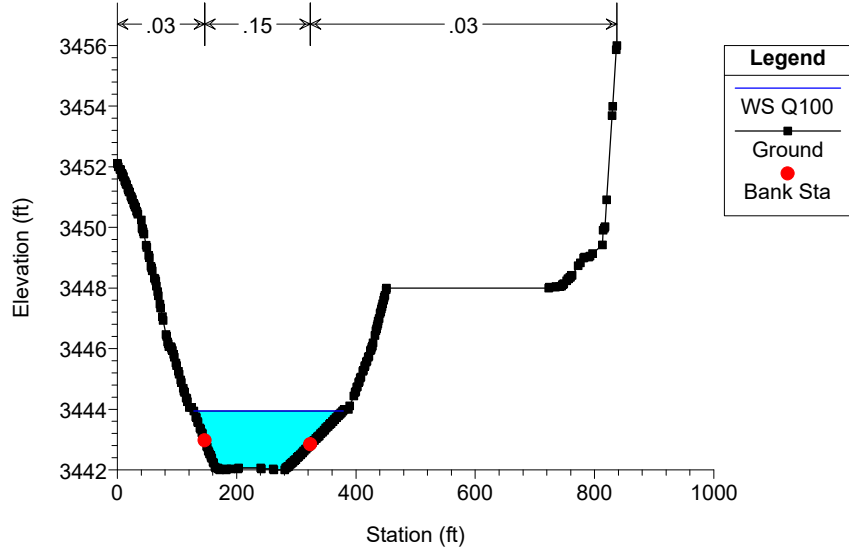
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2518



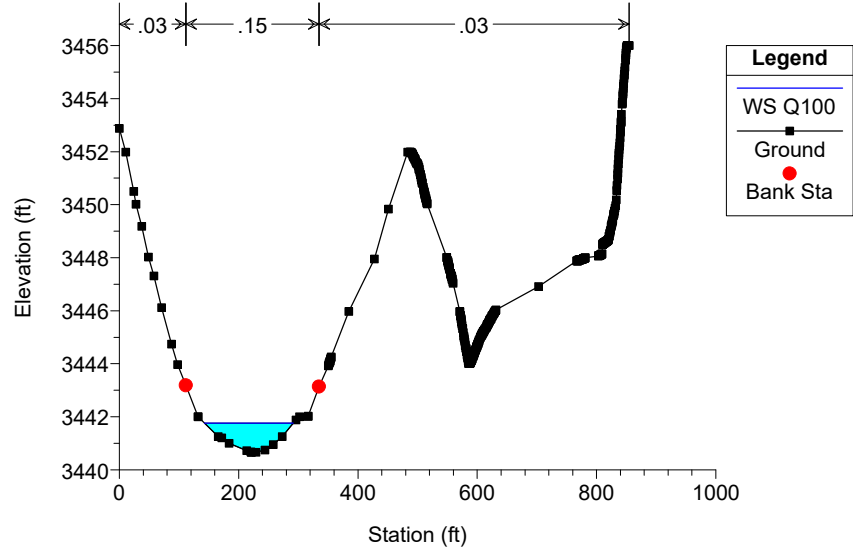
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2494



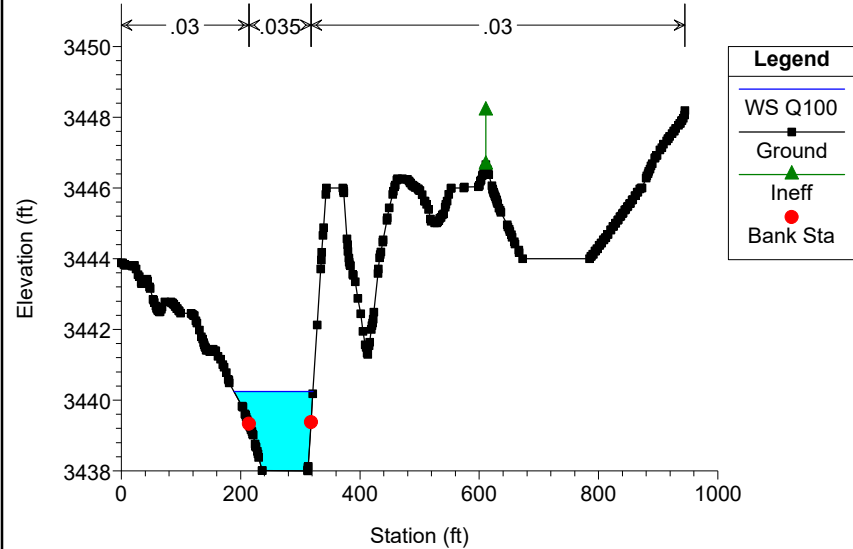
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2484



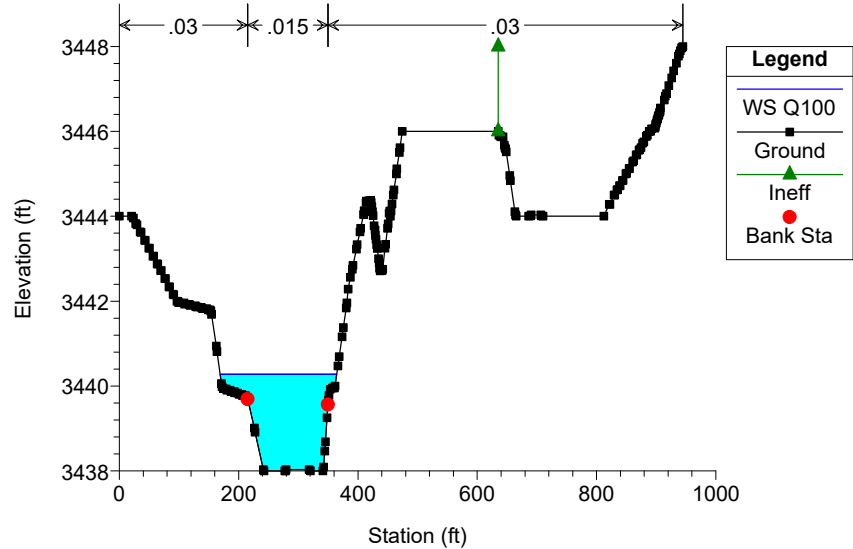
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2398



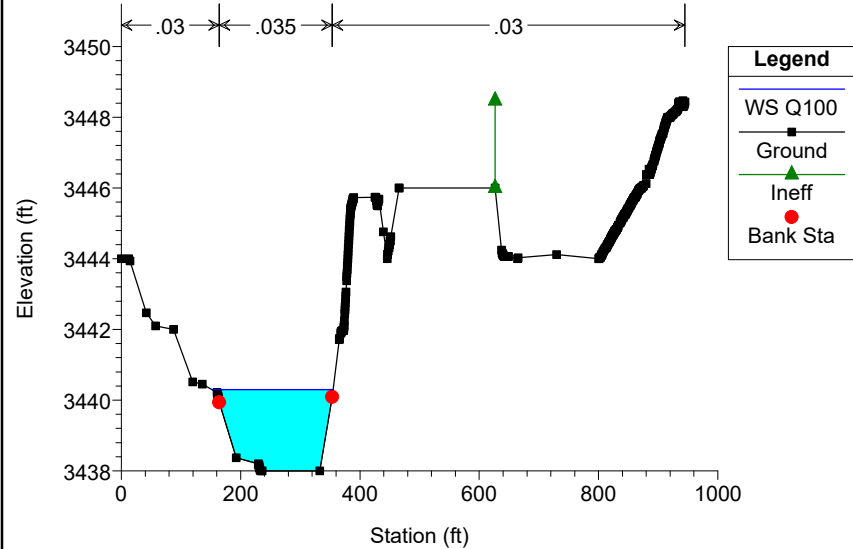
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2128



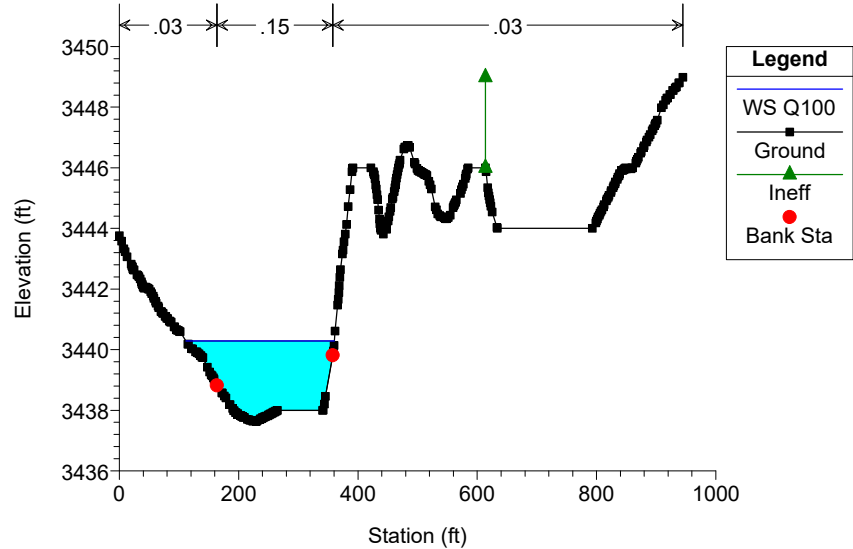
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2118

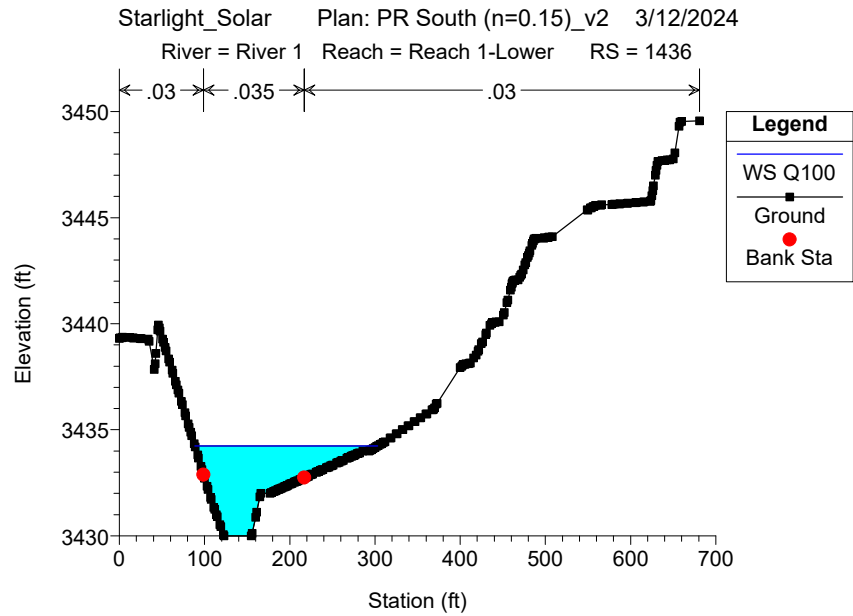
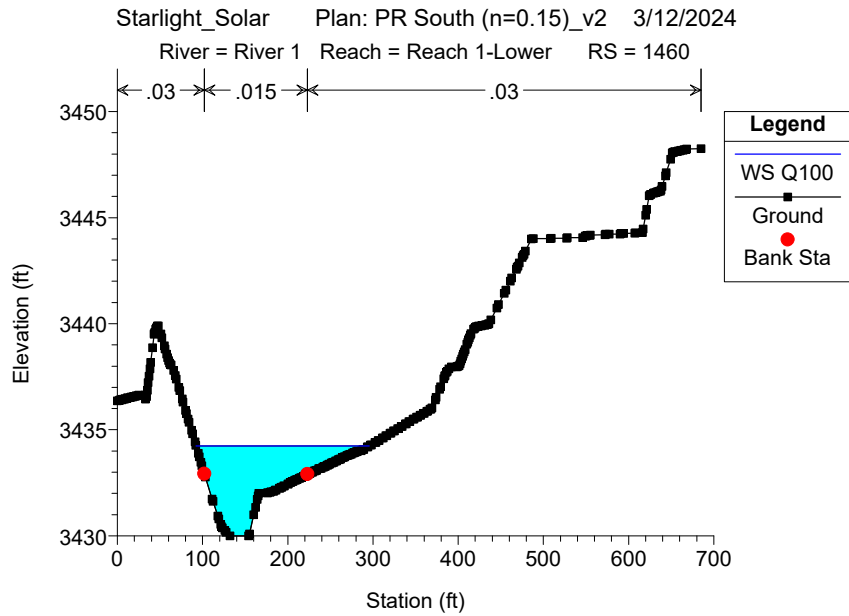
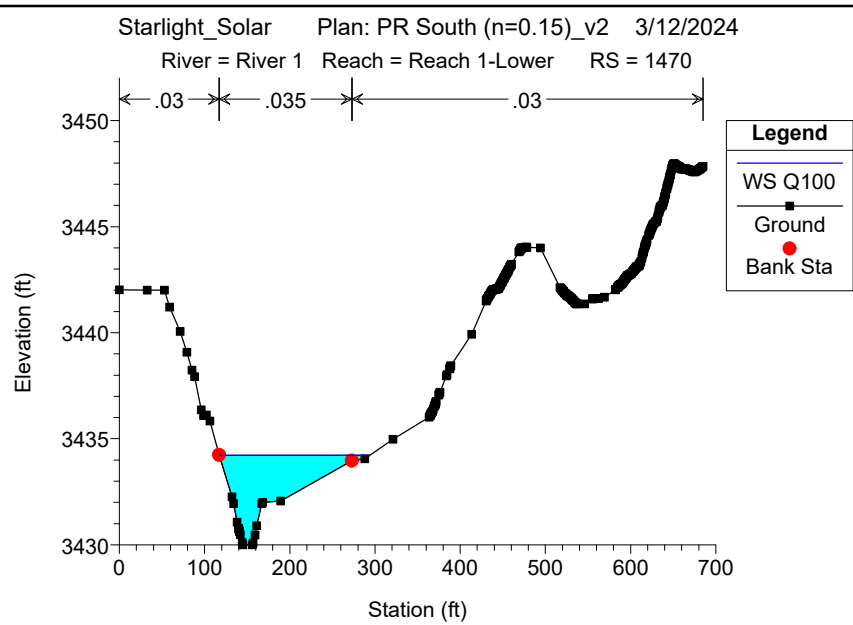
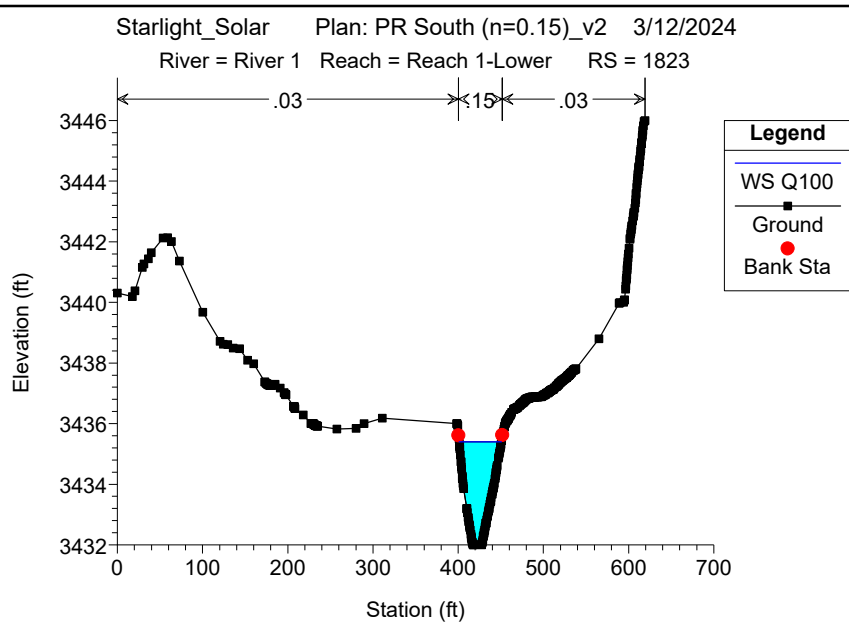


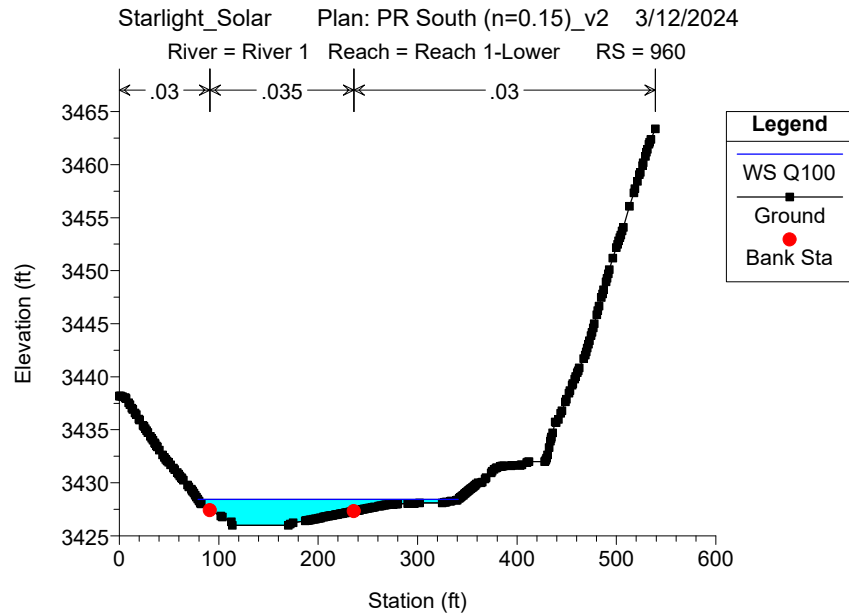
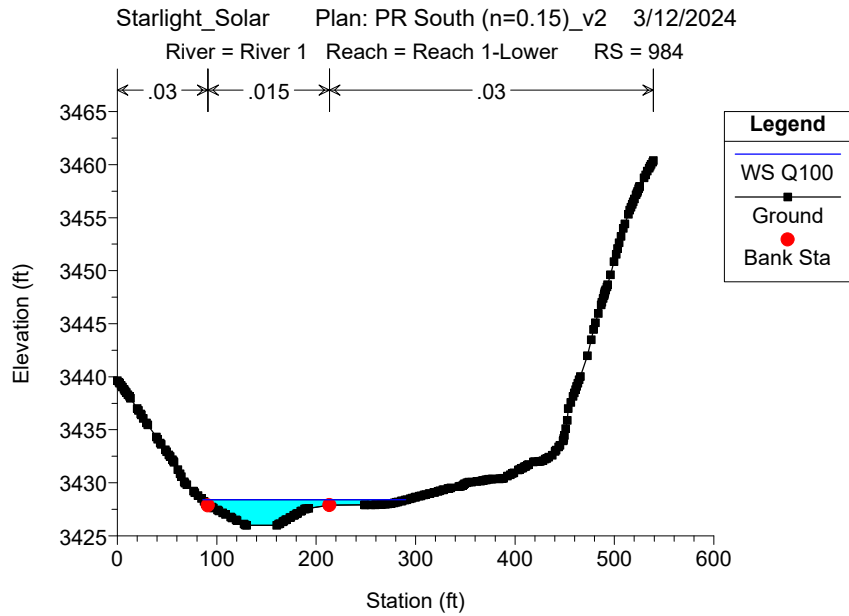
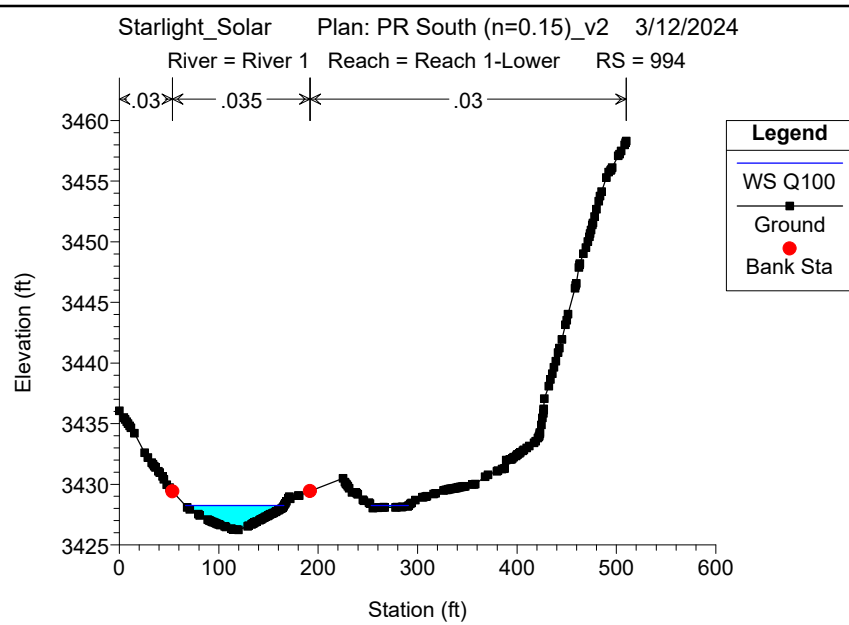
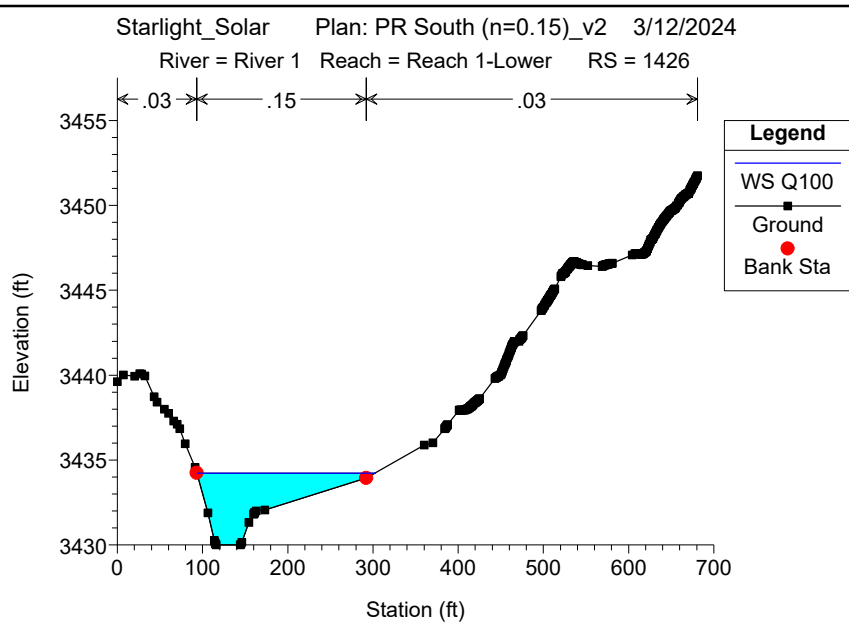
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2094

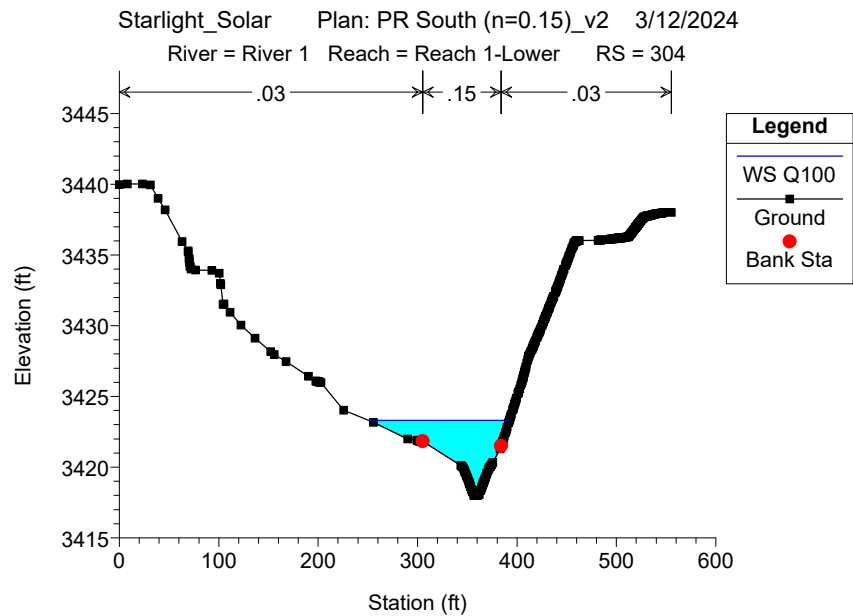
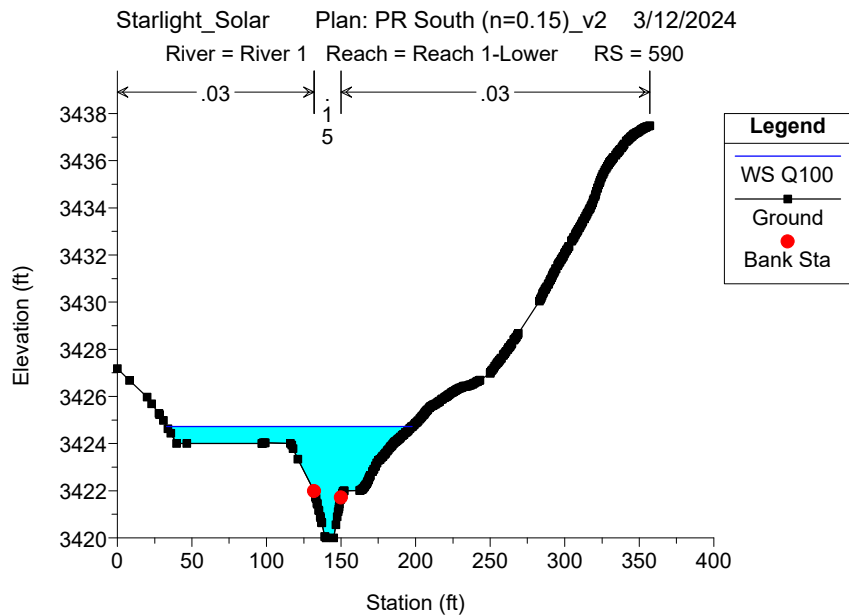
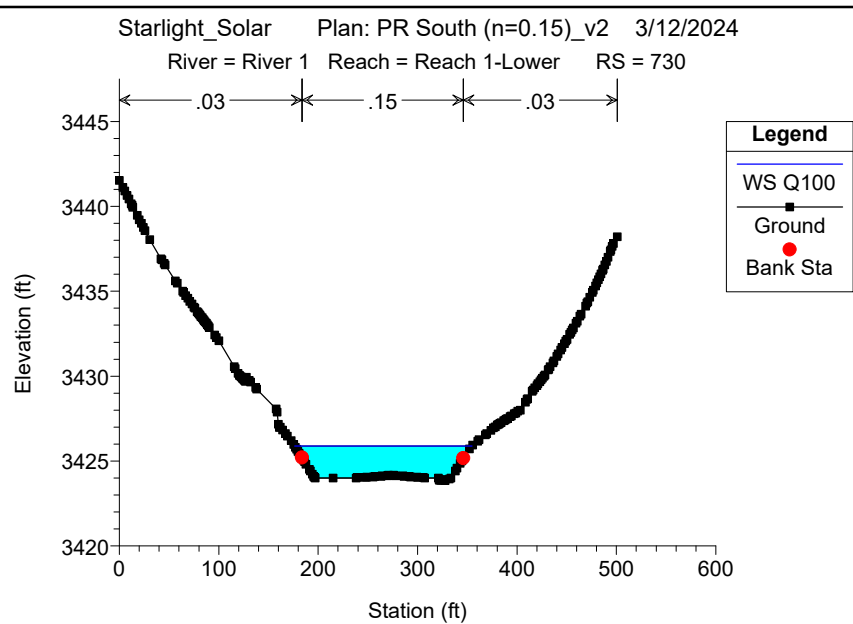
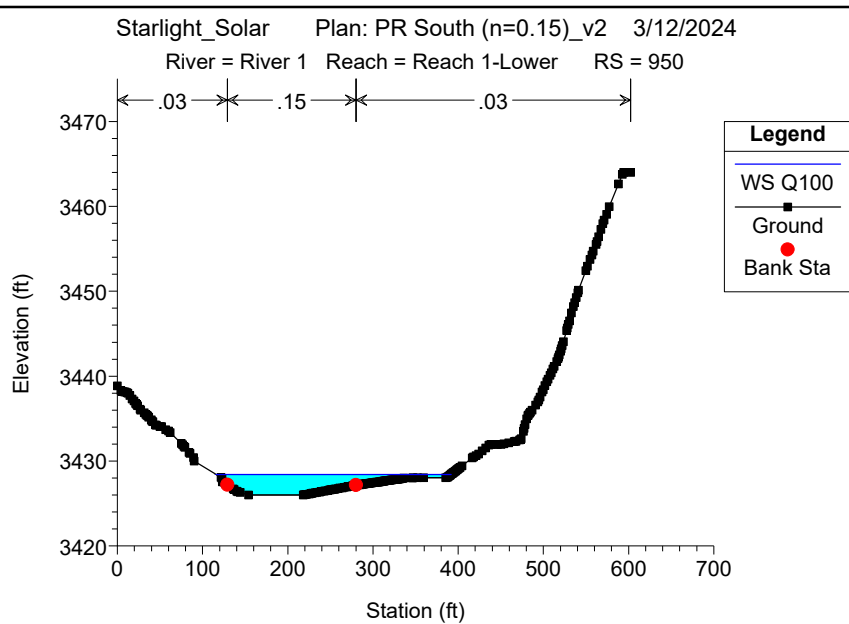


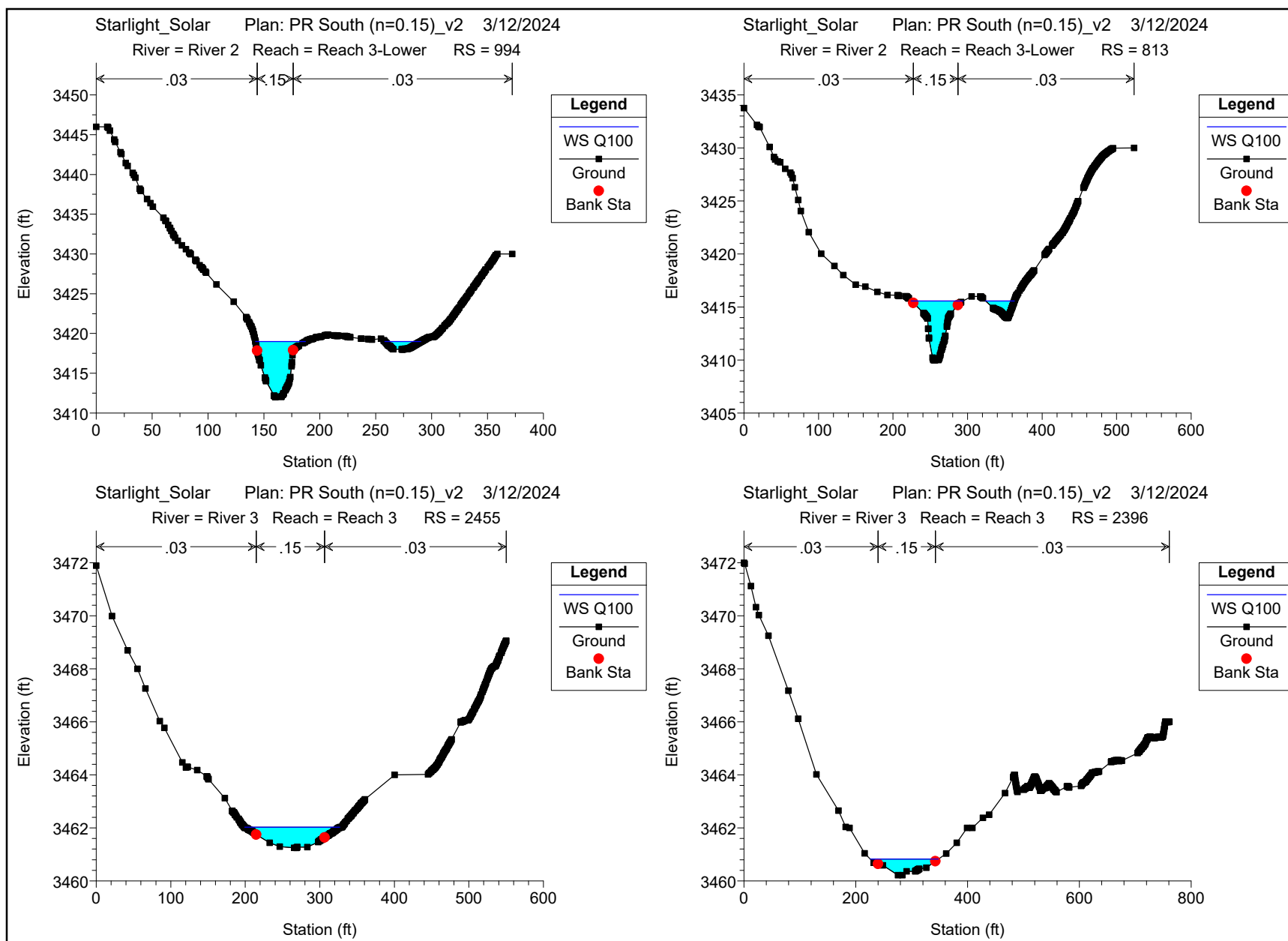
Starlight_Solar Plan: PR South (n=0.15)_v2 3/12/2024
River = River 1 Reach = Reach 1-Lower RS = 2084

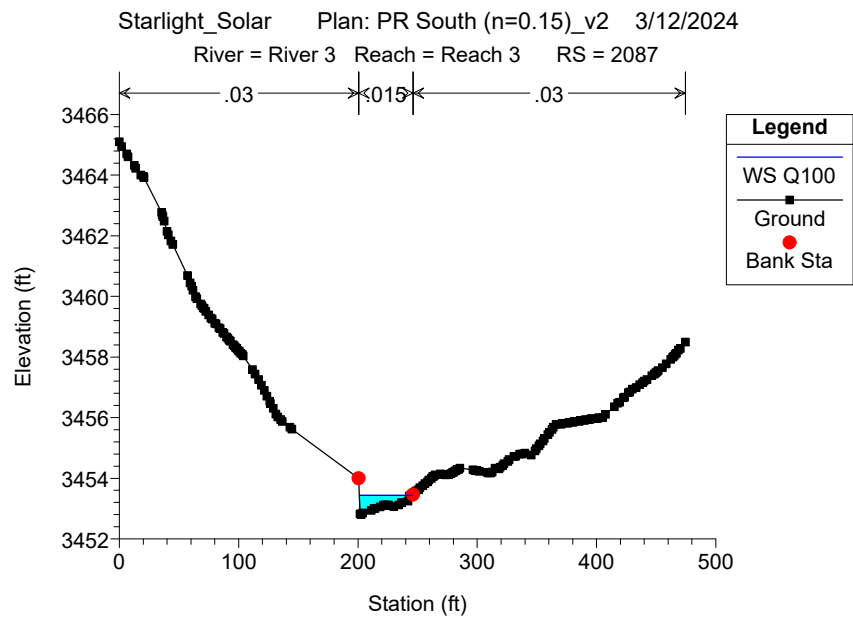
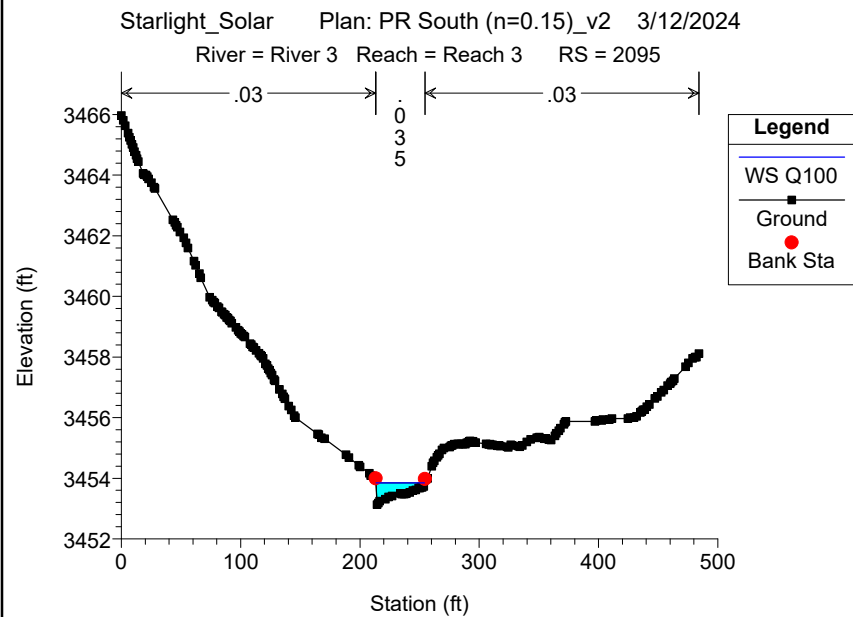
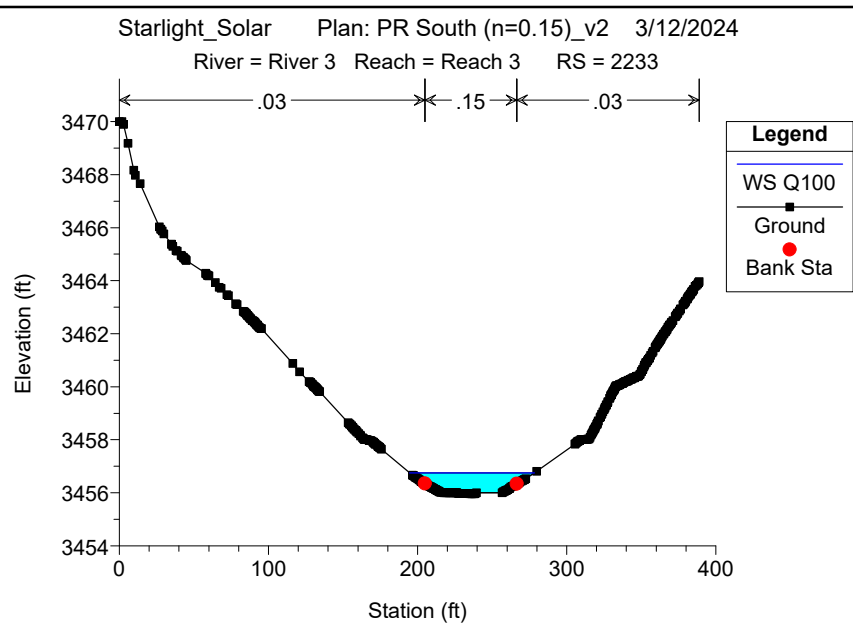
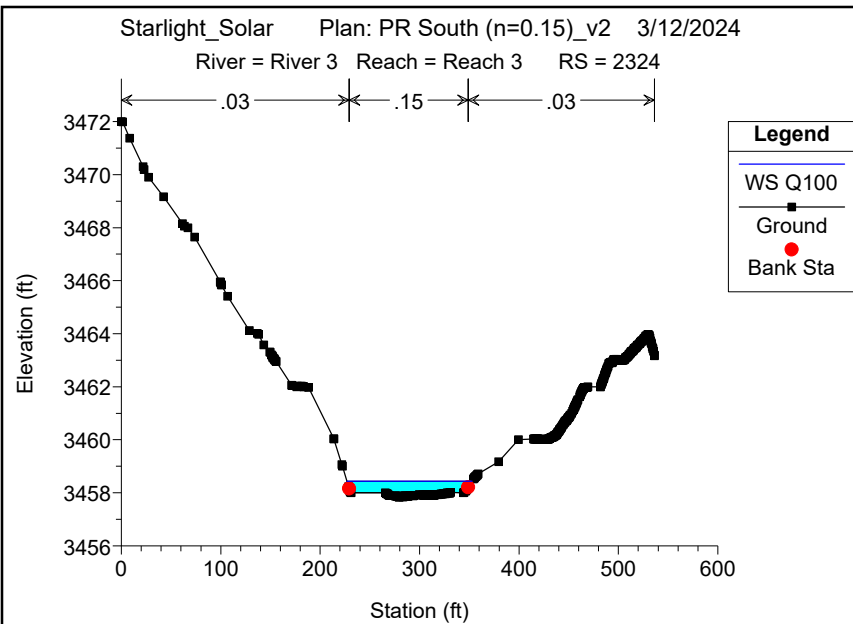


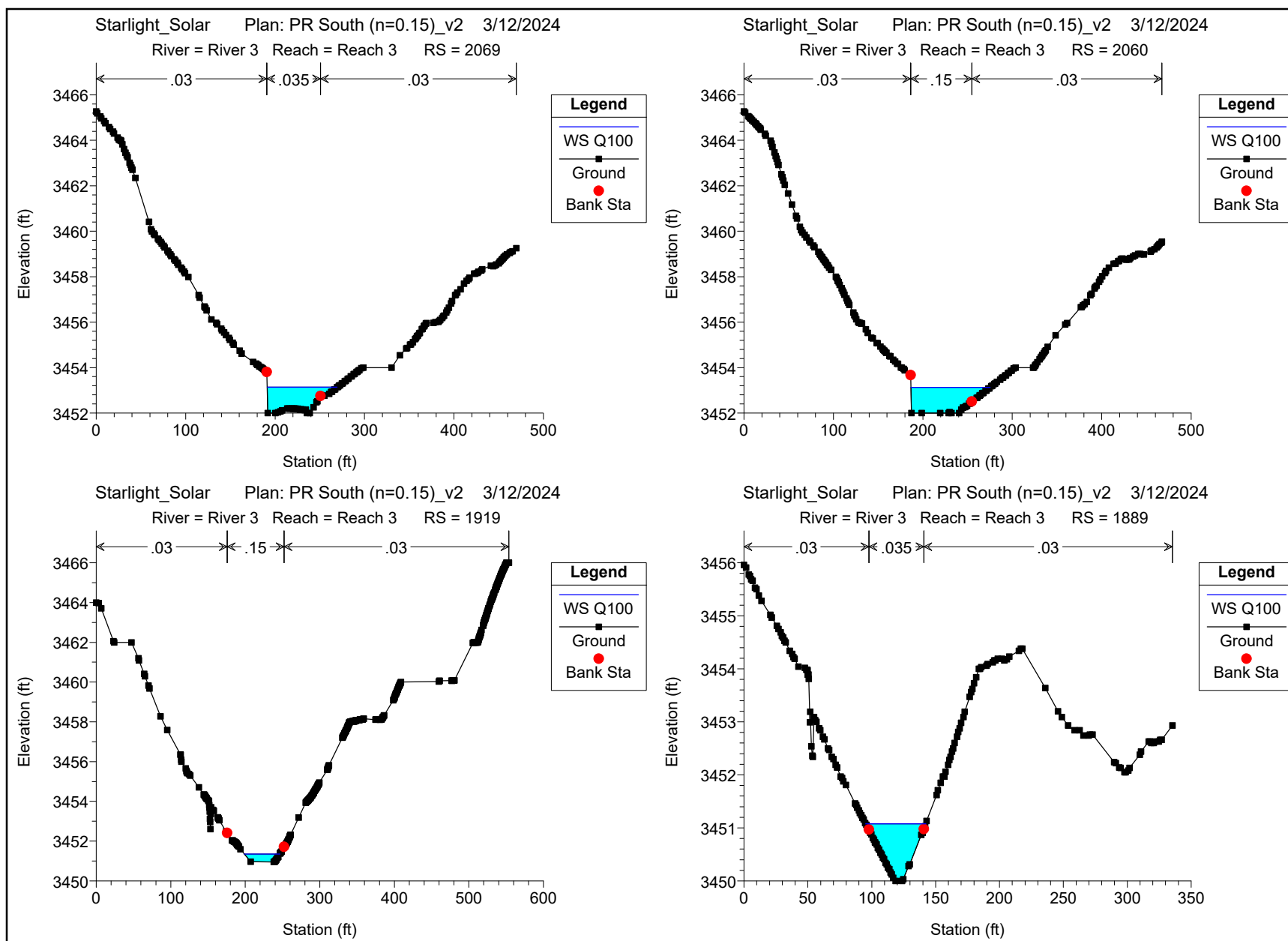


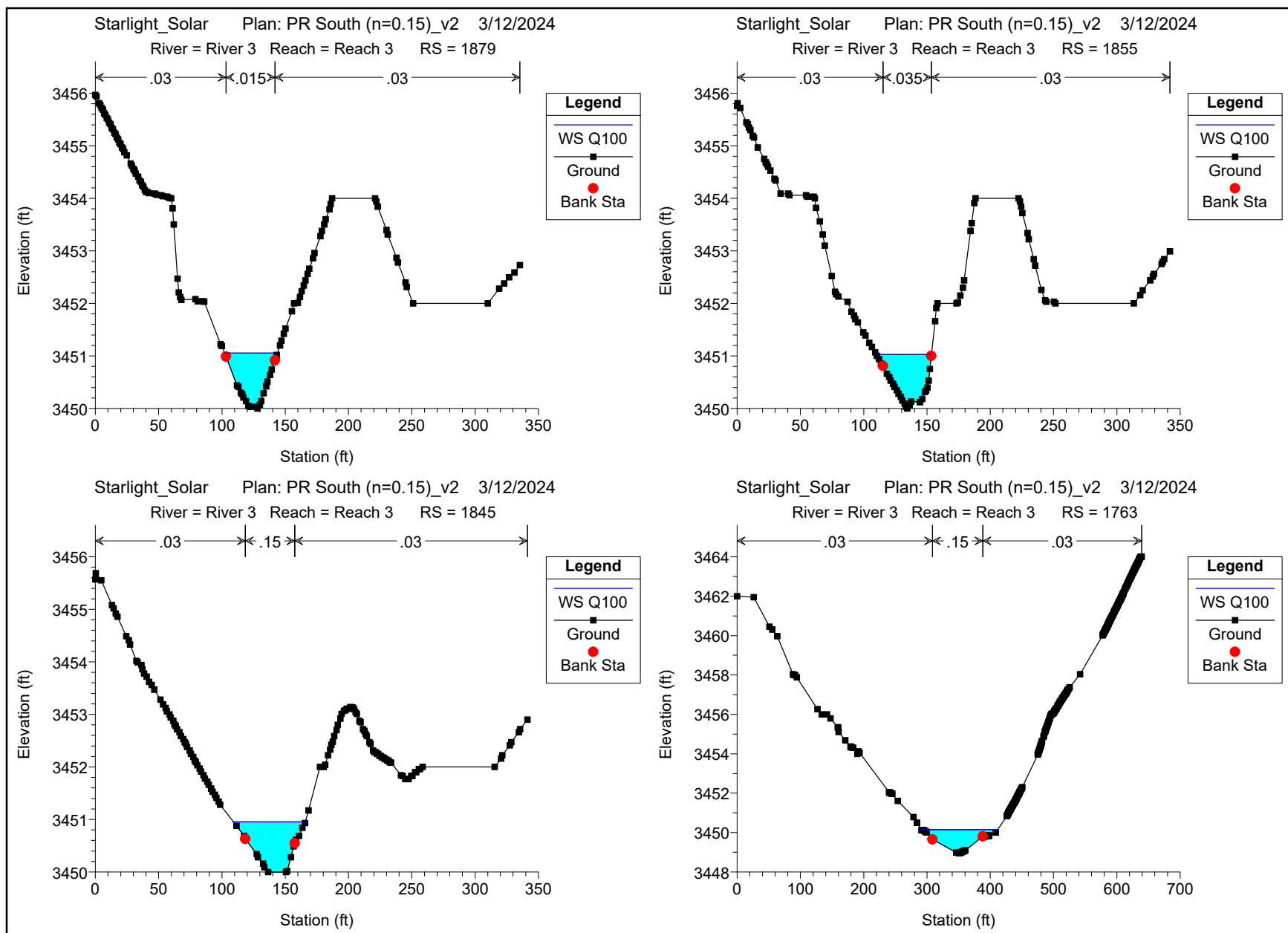


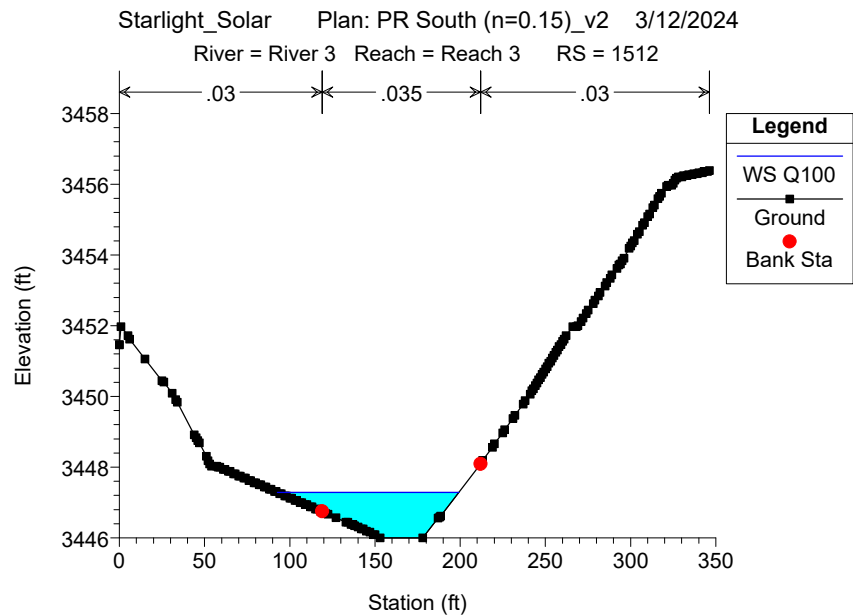
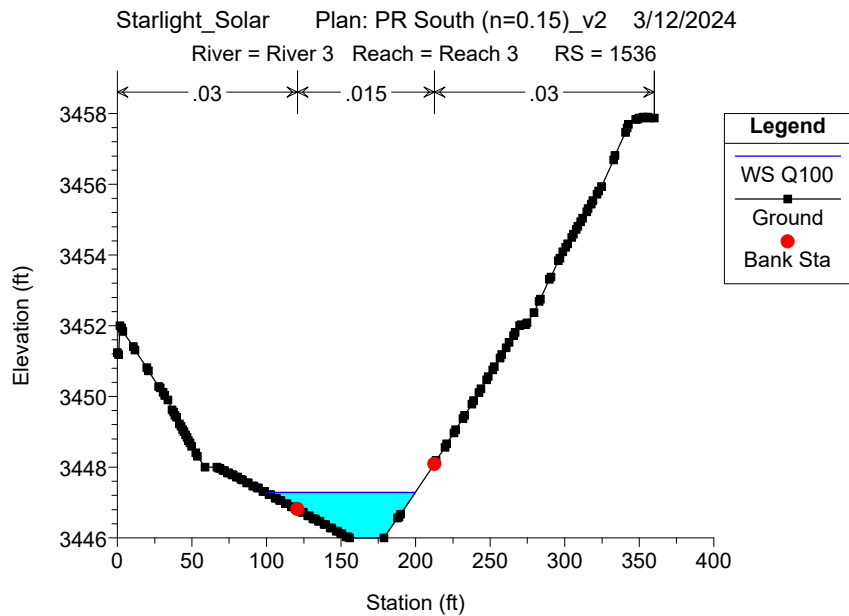
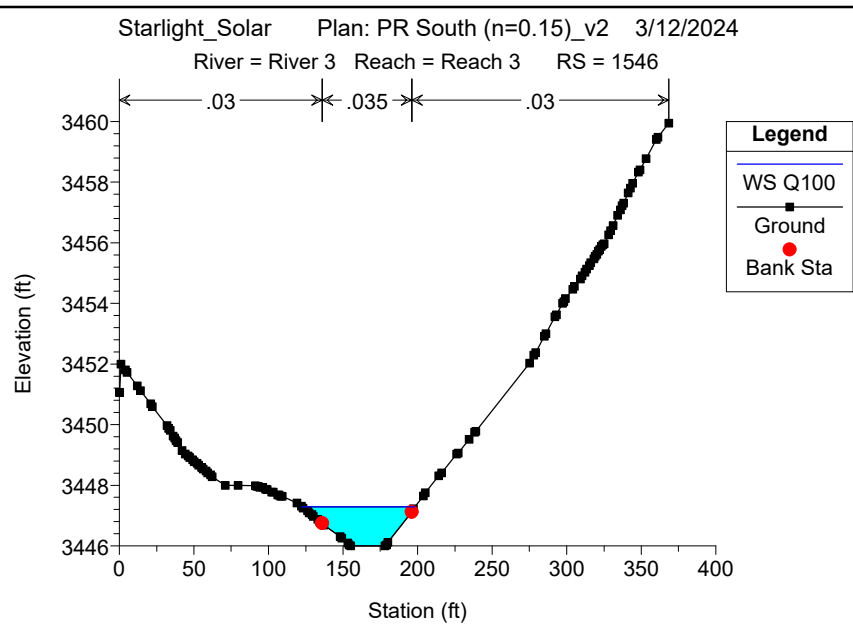
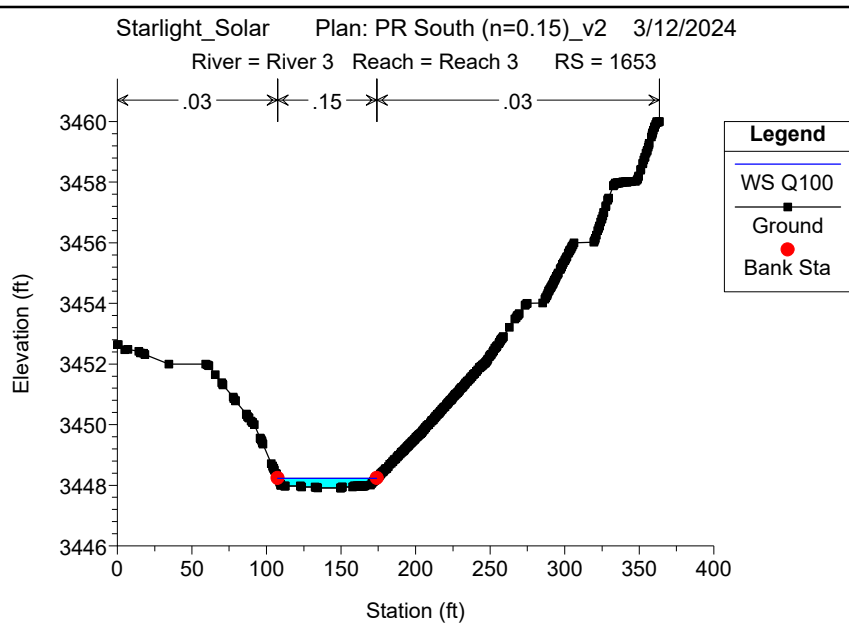


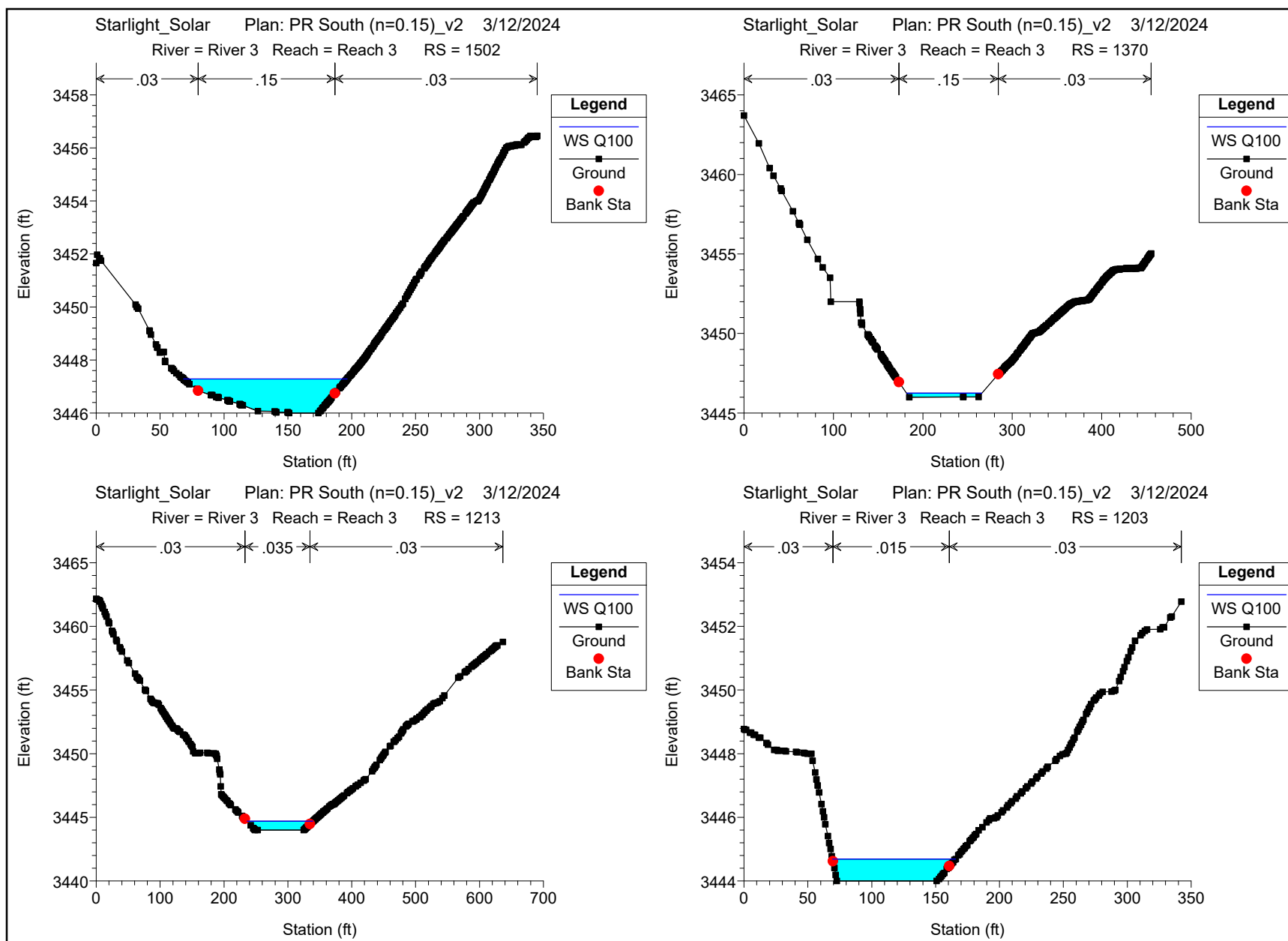


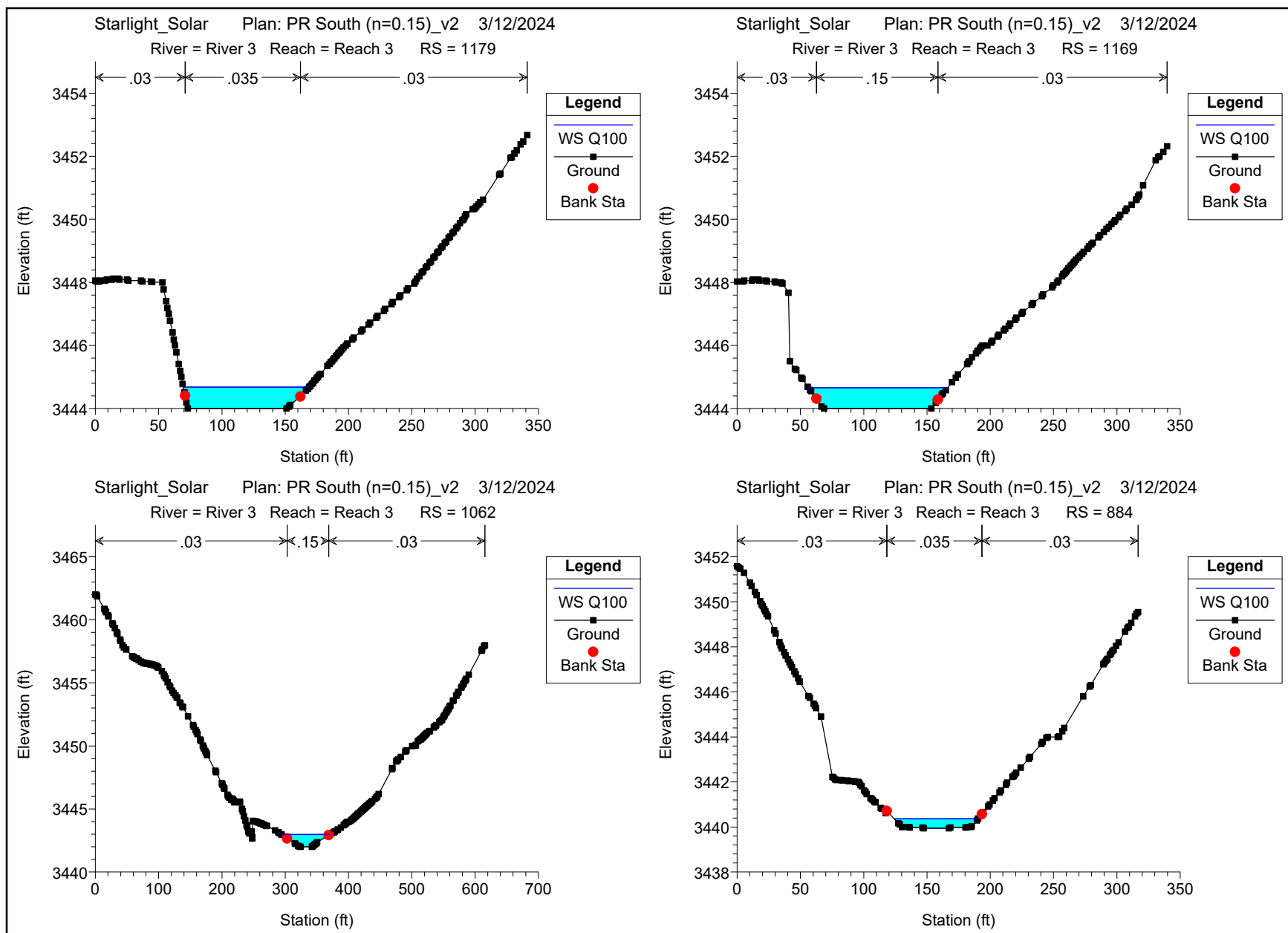


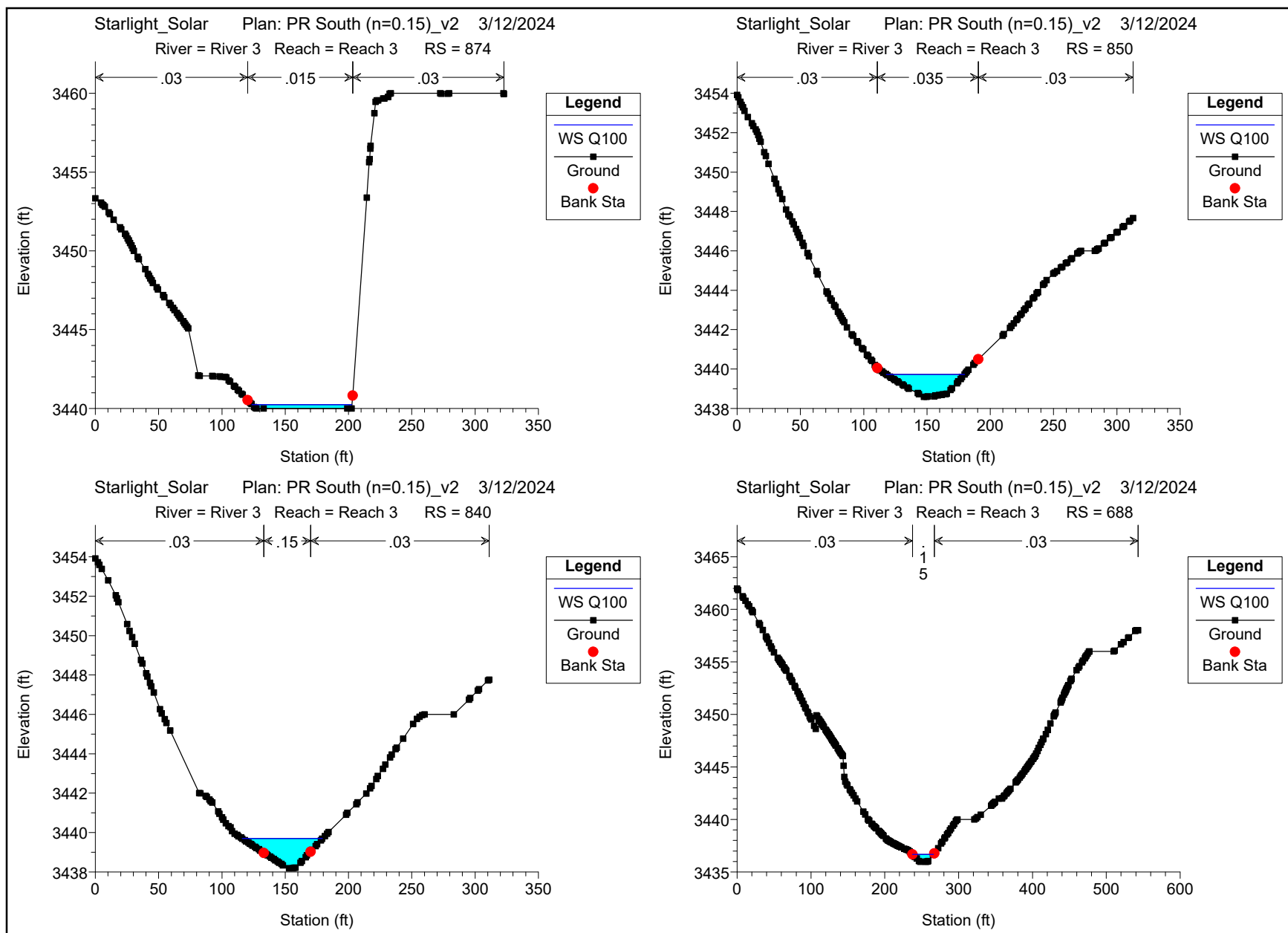


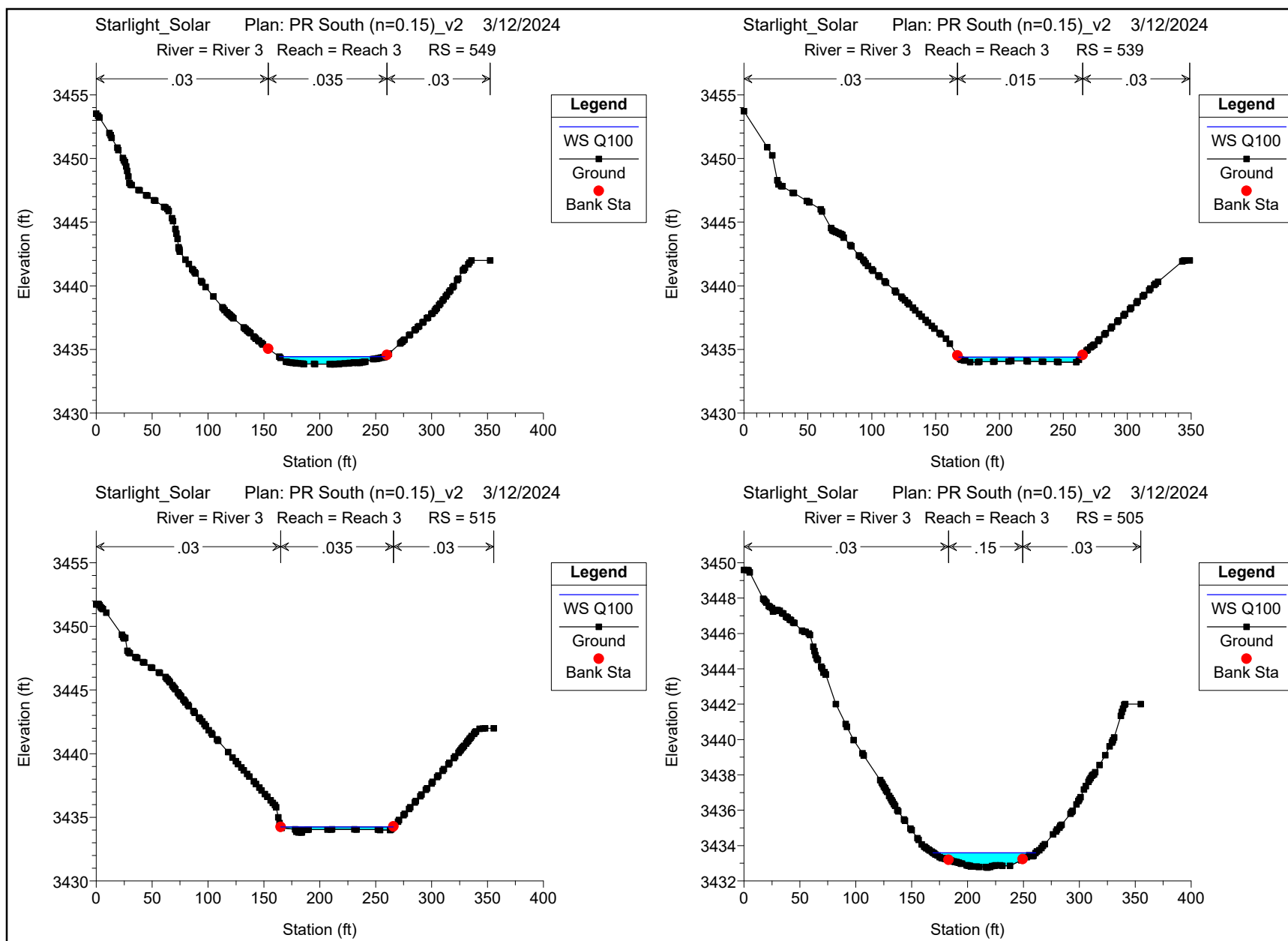


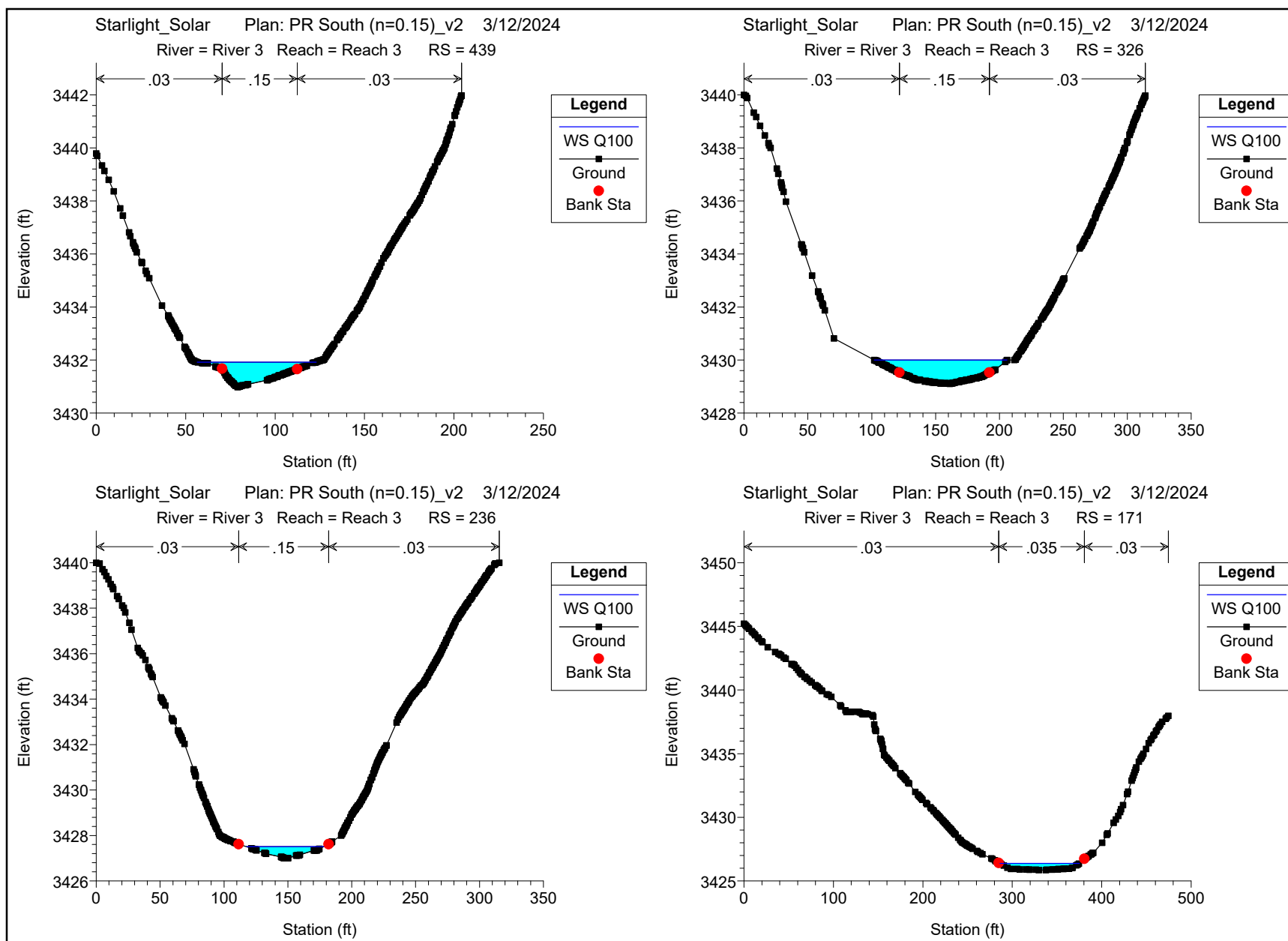


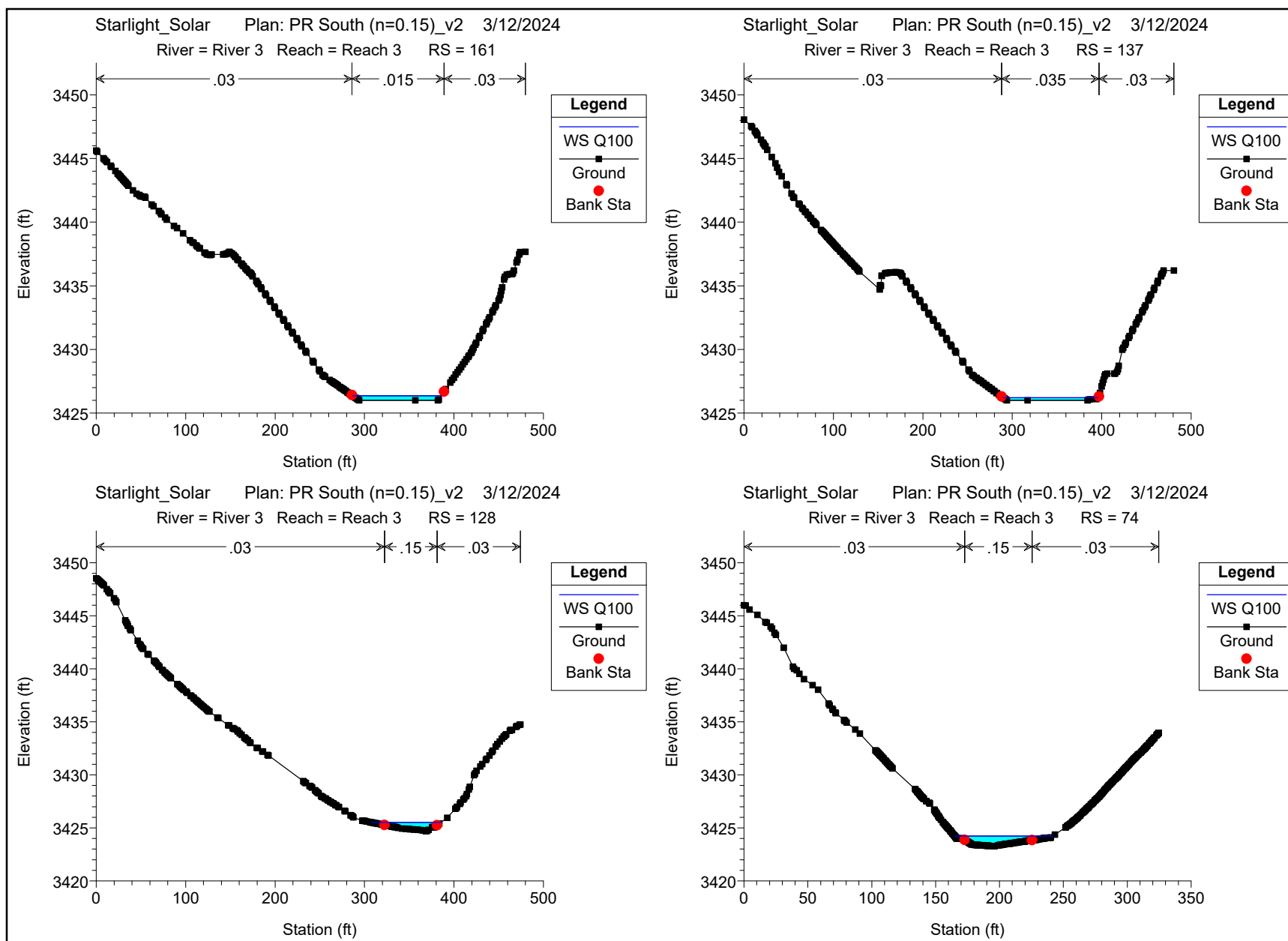


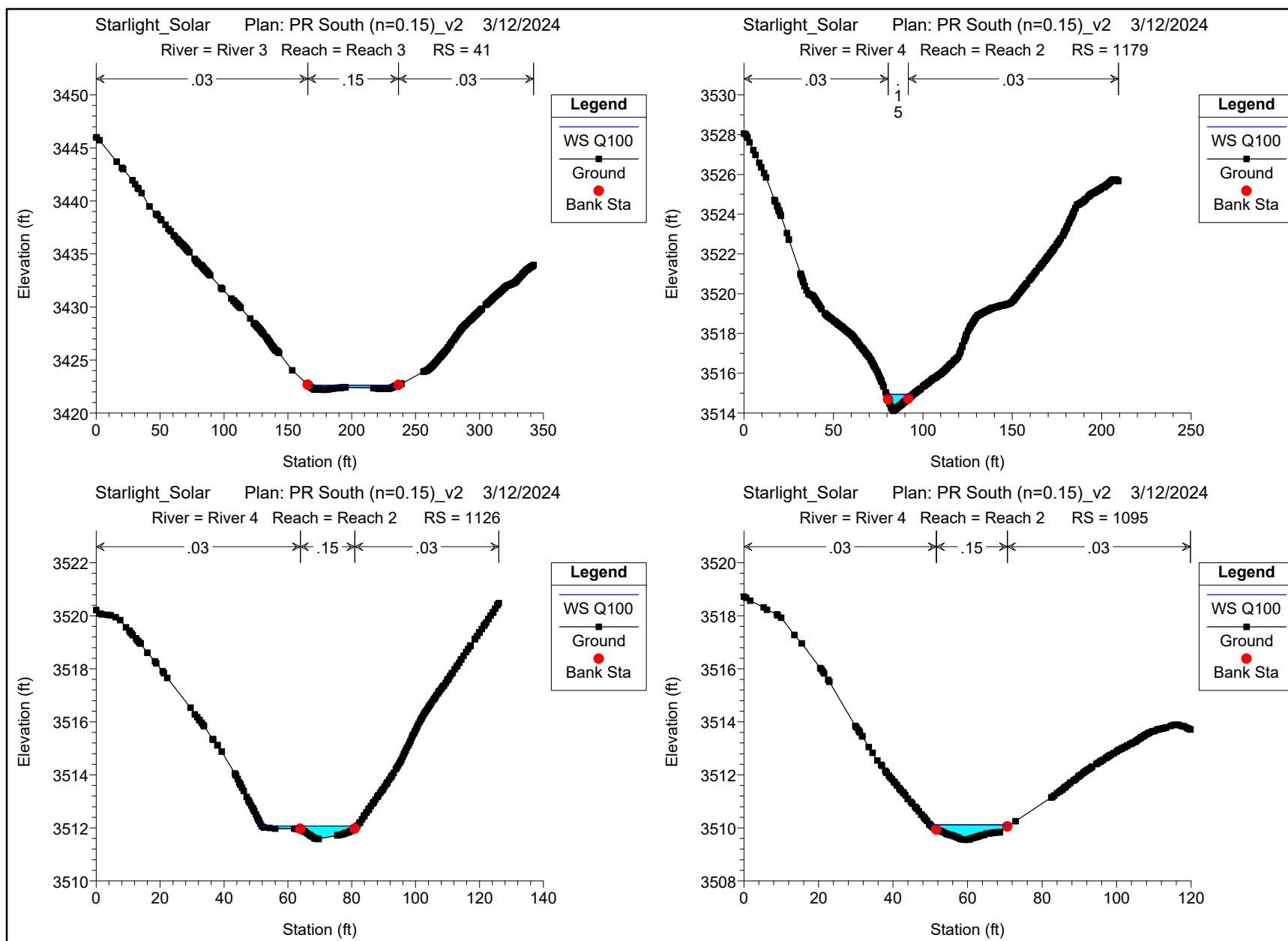


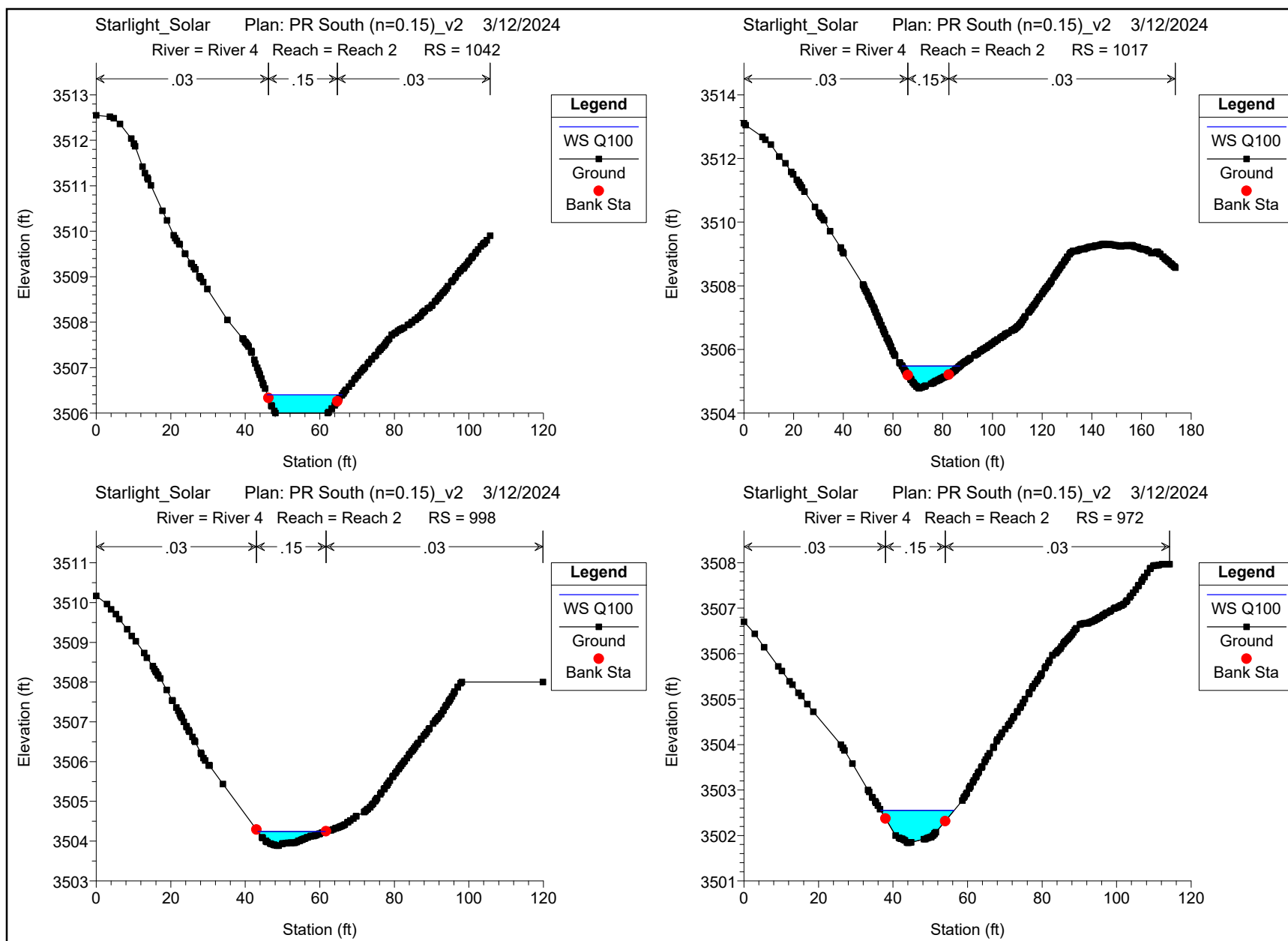


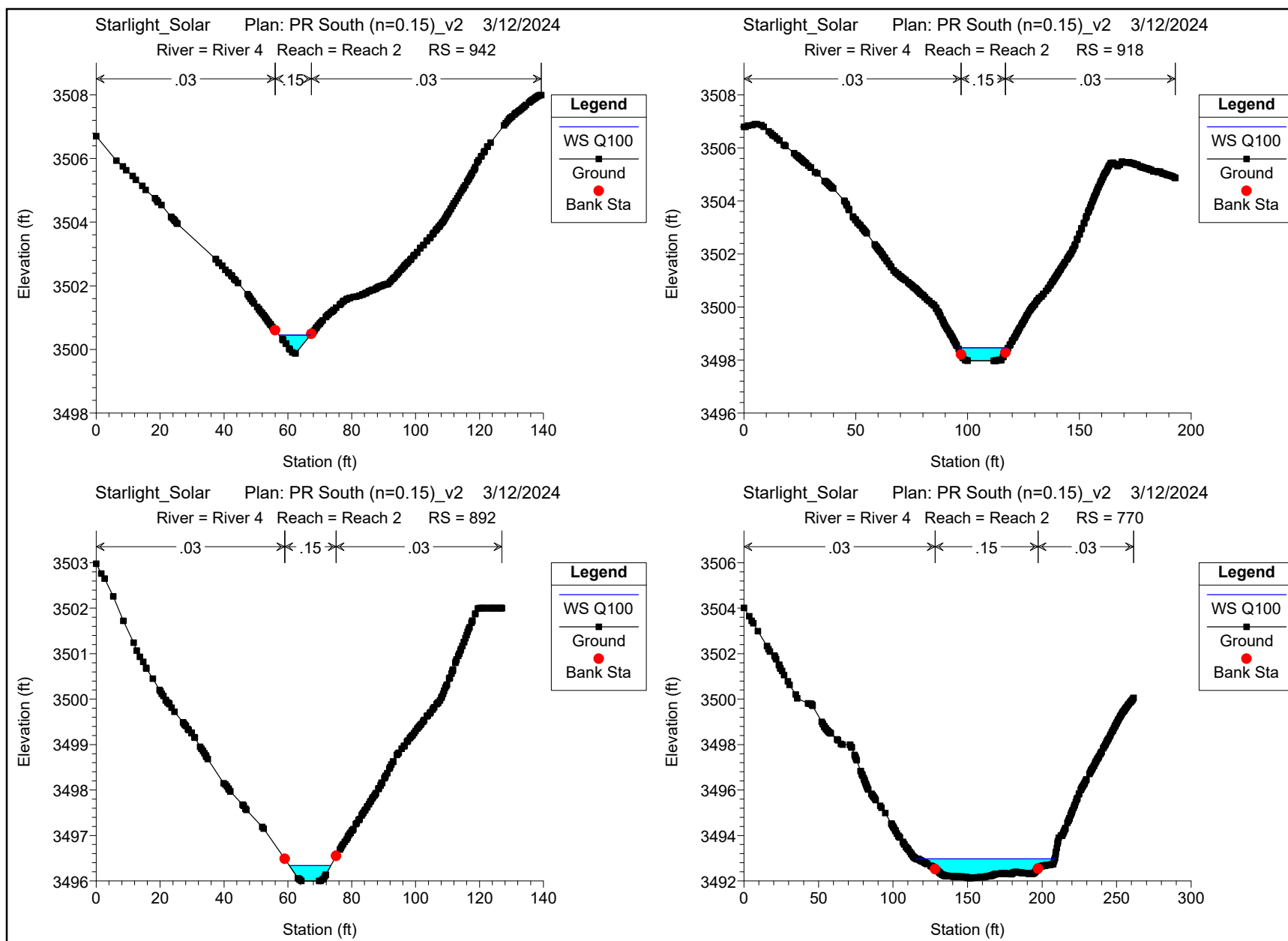


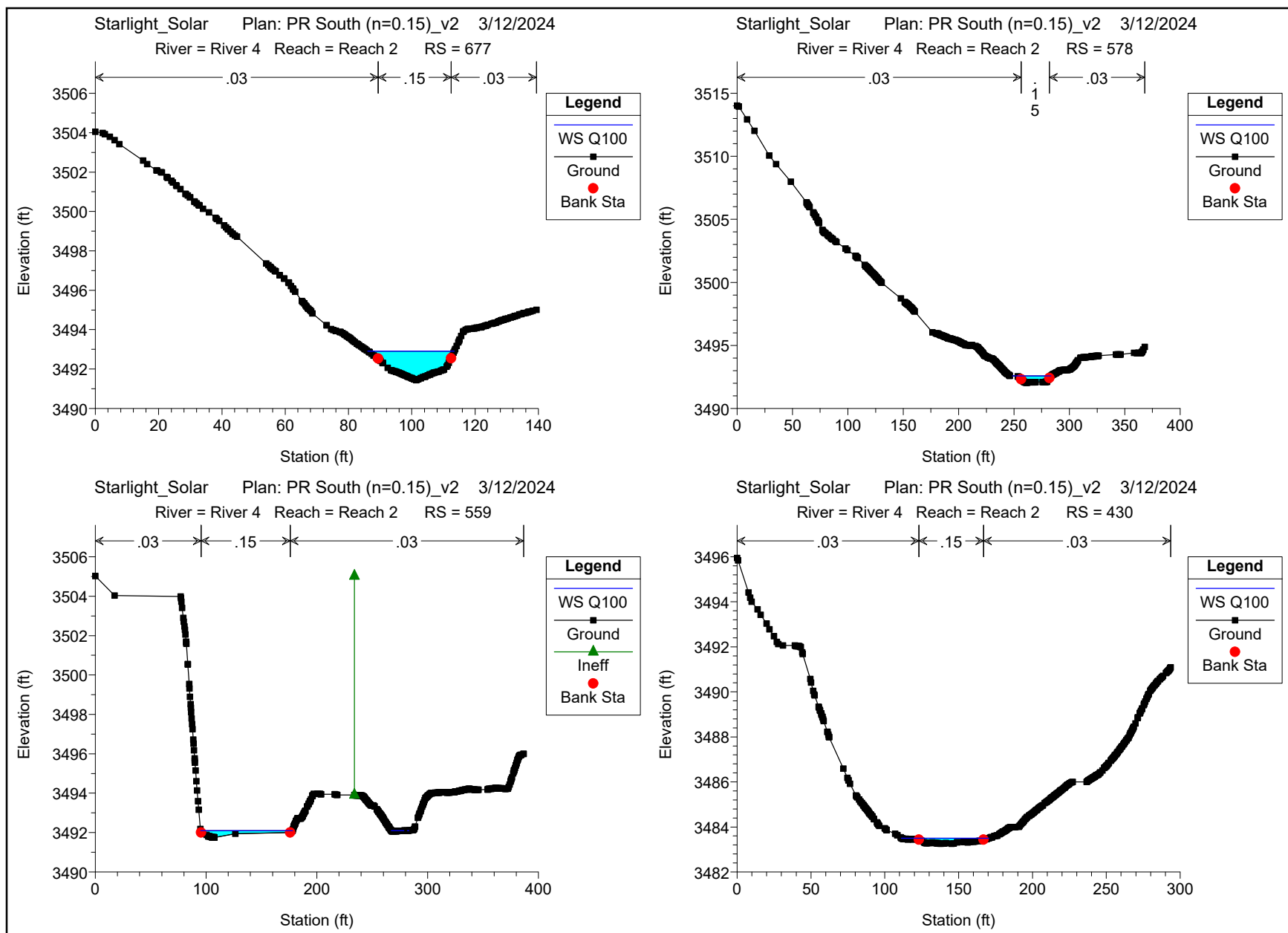


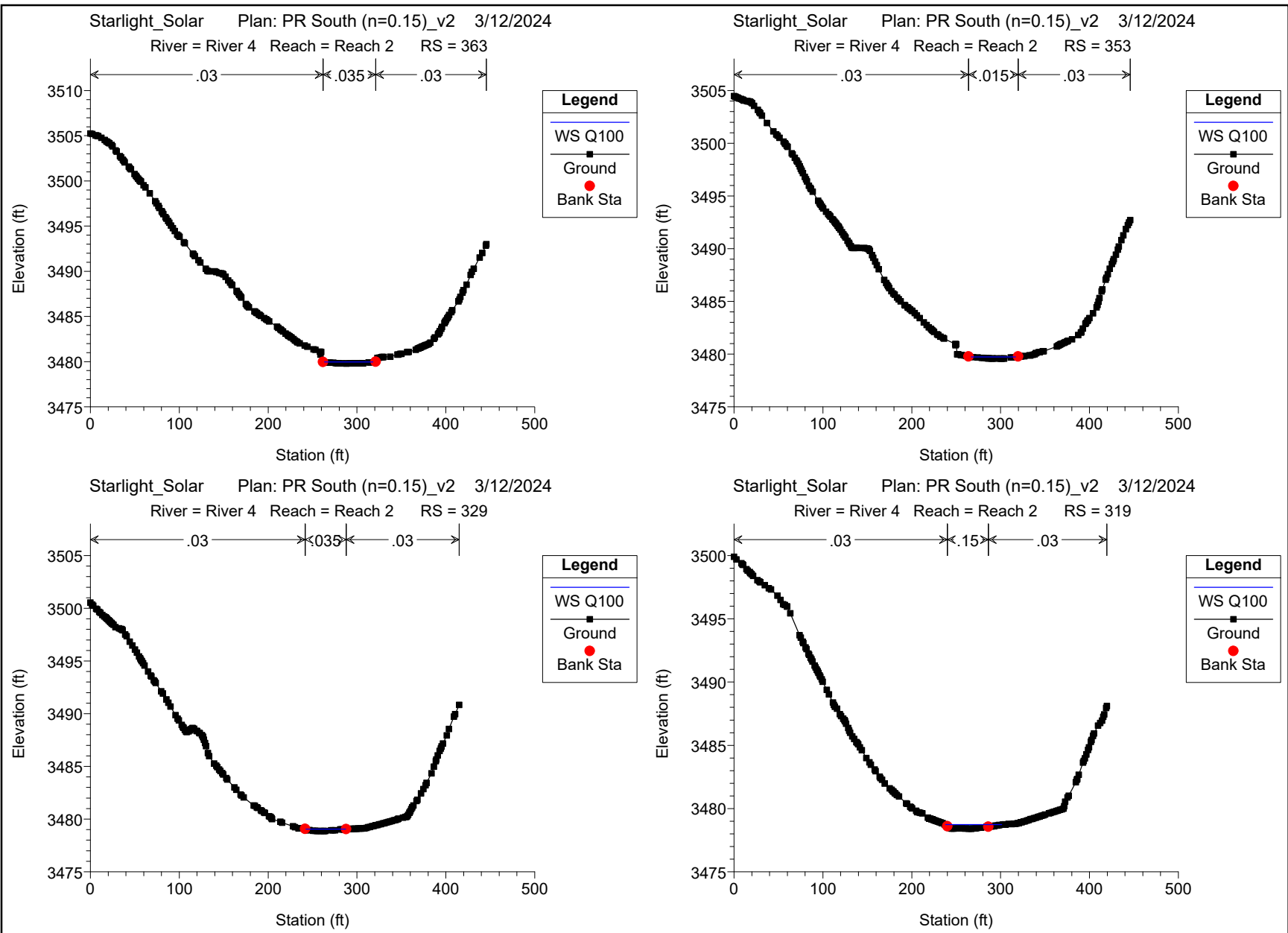


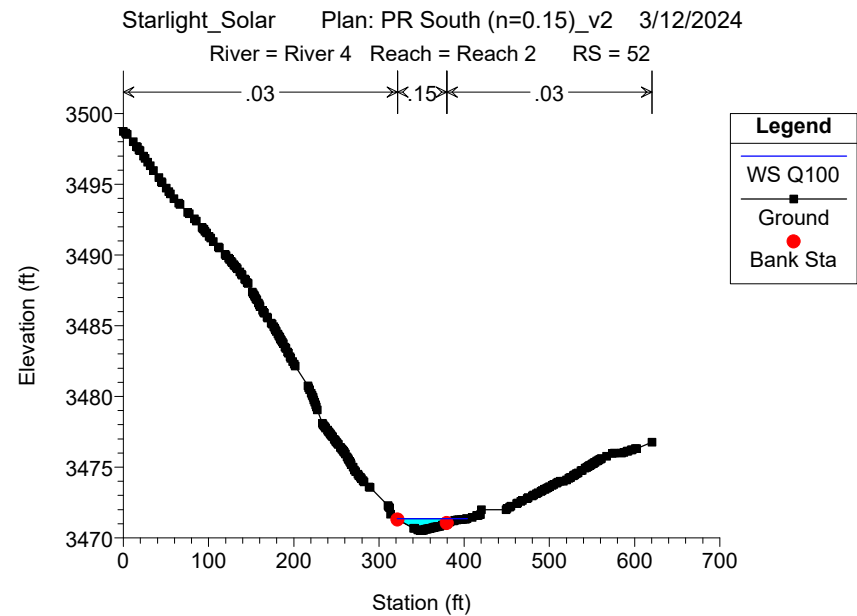
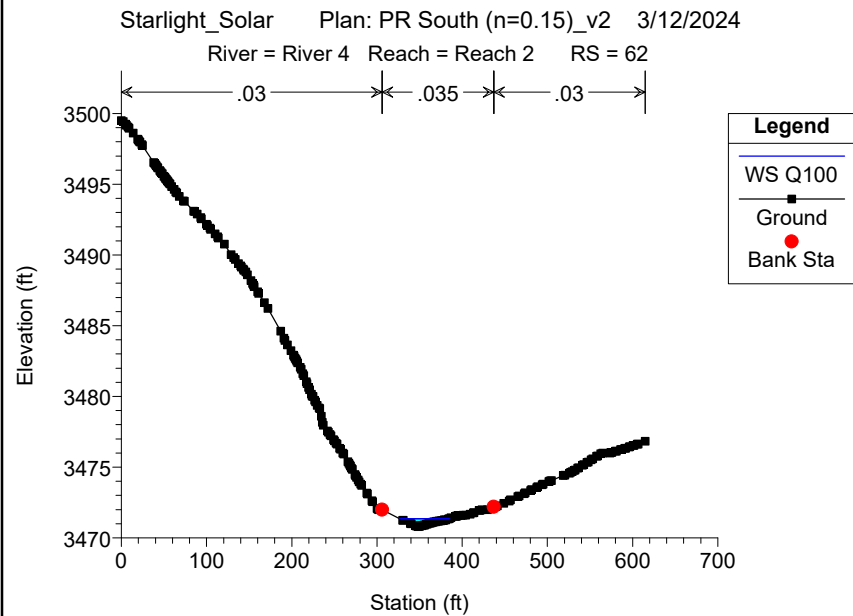
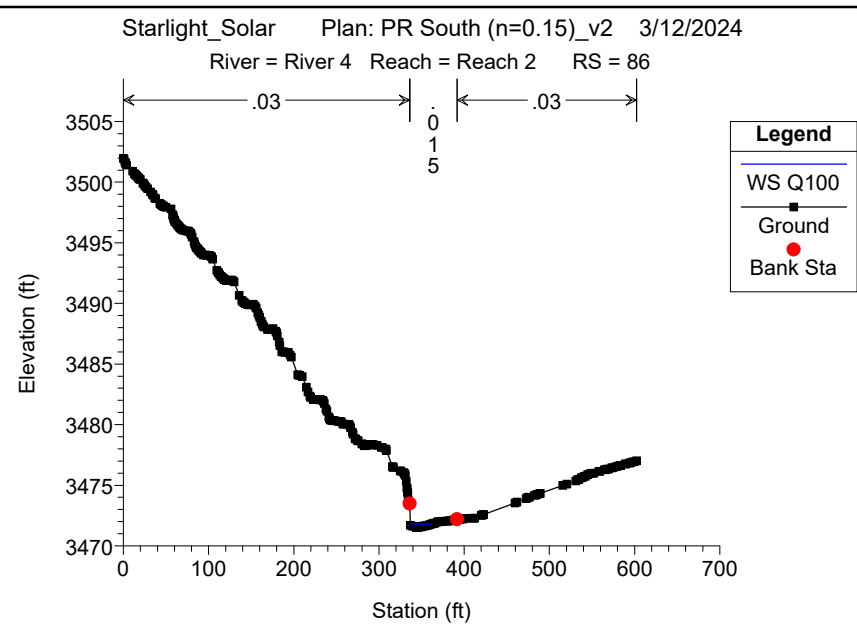
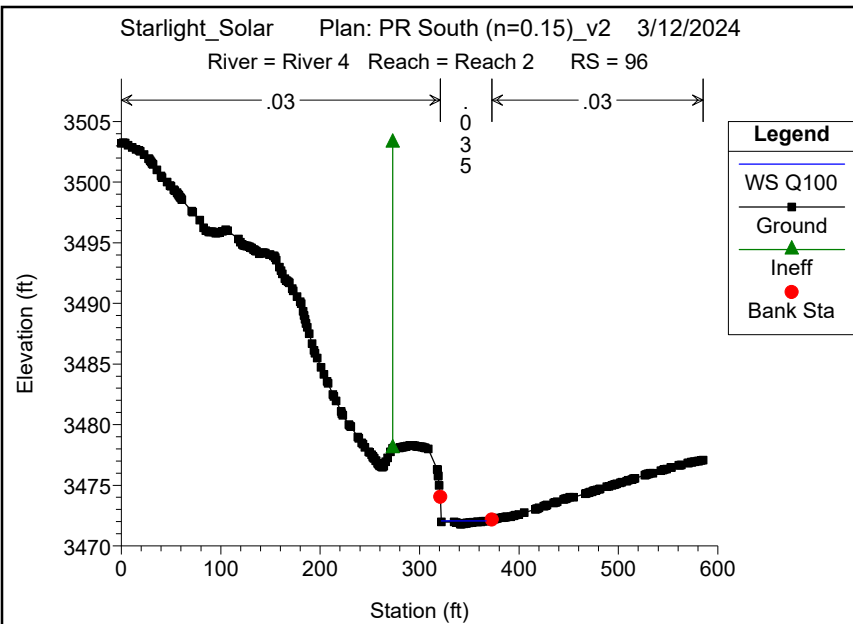












North River 1

River	Reach	Station	Q	WSE (EX)	WSE (PR n=0.03)	WSE (PR n=0.15)	Delta (PR 0.03 & EX)	Delta PR (0.15 & 0.03)	Delta PR 0.15 & EX
1	1	4125	1116	3503.89	3503.91	3506.79	0.02	2.88	2.90
1	1	3718	1116	3503.85	3503.88	3503.86	0.03	-0.02	0.01
1	1	3696					0.00	0.00	0.00
1	1	3674	1116	3503.07	3503.07	3503.37	0.00	0.30	0.30
1	1	3449	1116	3499.36	3499.36	3500.38	0.00	1.02	1.02
1	1	3298	1116	3498.09	3498.11	3498.86	0.02	0.75	0.77
1	1	3249	1116	3497.01	3497.01	3497.91	0.00	0.90	0.90
1	1	2980	1116	3493.23	3493.23	3494.41	0.00	1.18	1.18
1	1	2868	1116	3491.16	3491.16	3491.16	0.00	0.00	0.00
1	1	2665	1116	3484.87	3484.87	3486.27	0.00	1.40	1.40
1	1	2545	1116	3483.85	3483.85	3484.66	0.00	0.81	0.81
1	1	2374	1116	3479.59	3479.59	3481.11	0.00	1.52	1.52
1	1	2071	1116	3474.63	3474.63	3475.92	0.00	1.29	1.29
1	1	1789	1116	3470.56	3470.56	3471.6	0.00	1.04	1.04
1	1	1538	1116	3466.37	3466.37	3467.28	0.00	0.91	0.91
1	1	1198	1116	3459.79	3459.79	3460.17	0.00	0.38	0.38
1	1	920	1116	3452.55	3452.55	3455.05	0.00	2.50	2.50
1	1	717	1116	3450.7	3450.7	3450.45	0.00	-0.25	-0.25
1	1	532	1116	3442.52	3442.52	3444.44	0.00	1.92	1.92
1	1	408	1116	3440.67	3440.67	3443.19	0.00	2.52	2.52
1	1	136	1116	3439.14	3439.14	3439.24	0.00	0.10	0.10

North River 2

River	Reach	Station	Q	WSE (EX)	WSE (PR n=0.03)	WSE (PR n=0.15)	Delta (PR 0.03 & EX)	Delta PR (0.15 & 0.03)	Delta PR 0.15 & EX
2	2	4059	98	3518.34	3518.3	3518.48	-0.04	0.18	0.14
2	2	3936	98	3518.36	3518.32	3518.34	-0.04	0.02	-0.02
2	2	3920					0.00	0.00	0.00
2	2	3892	98	3512.81	3512.81	3513.64	0.00	0.83	0.83
2	2	3738	98	3509.72	3509.72	3510.87	0.00	1.15	1.15
2	2	3537	98	3510.04	3510.04	3510.91	0.00	0.87	0.87
2	2	3478	98	3510.04	3510.04	3510.91	0.00	0.87	0.87
2	2	3360	98	3510.02	3510.02	3510.9	0.00	0.88	0.88
2	2	3311	98	3509.6	3509.6	3510.69	0.00	1.09	1.09
2	2	3283	98	3509.16	3509.16	3509.74	0.00	0.58	0.58
2	2	3270	98	3508.15	3508.15	3508.74	0.00	0.59	0.59
2	2	3198	98	3504.71	3504.71	3505.62	0.00	0.91	0.91
2	2	3115	98	3499.4	3499.4	3499.4	0.00	0.00	0.00
2	2	3087	98	3497.8	3497.8	3498.54	0.00	0.74	0.74
2	2	2929	98	3495.43	3495.43	3496.86	0.00	1.43	1.43
2	2	2653	98	3489.91	3489.91	3489.91	0.00	0.00	0.00
2	2	2441	98	3488.19	3488.1	3488.1	-0.09	0.00	-0.09
2	2	2421					0.00	0.00	0.00
2	2	2397	98	3484.45	3484.45	3485.19	0.00	0.74	0.74
2	2	2365	98	3483.09	3483.09	3483.61	0.00	0.52	0.52
2	2	2307	98	3480.97	3480.97	3482.04	0.00	1.07	1.07
2	2	2201	98	3479.23	3479.23	3480.13	0.00	0.90	0.90
2	2	2118	98	3477.15	3477.15	3478	0.00	0.85	0.85
2	2	2046	98	3475.52	3475.52	3476.52	0.00	1.00	1.00
2	2	1657	98	3467.26	3467.26	3467.98	0.00	0.72	0.72

South River

River	Reach	Station	Q	WSE (EX)	WSE (PR n=0.03)	WSE (PR n=0.15)	Delta (PR 0.03 & EX)	Delta PR (0.15 & 0.03)	Delta PR 0.15 & EX
1	1	5539	87.3	3497.23	3497.27	3498.30	0.04	1.03	1.07
1	1	5520	87.3	3496.86	3497.04	3497.96	0.18	0.92	1.10
1	1	5518	87.3	3496.64	3496.64	3497.95	0.00	1.31	1.31
1	1	5488	87.3	3496.50	3496.50	3497.28	0.00	0.78	0.78
1	1	5484	87.3	3496.17	3496.16	3497.17	-0.01	1.01	1.00
1	1	5369	87.3	3494.08	3494.08	3495.22	0.00	1.14	1.14
1	1	5215	87.3	3492.28	3492.28	3493.19	0.00	0.91	0.91
1	1	5135	87.3	3491.51	3491.63	3492.43	0.12	0.80	0.92
1	1	5132	87.3	3491.41	3491.34	3492.37	-0.07	1.03	0.96
1	1	5102	87.3	3491.44	3491.44	3491.43	0.00	-0.01	-0.01
1	1	5100	87.3	3491.46	3491.46	3491.45	0.00	-0.01	-0.01
1	1	5075	87.3	3491.47	3491.47	3491.47	0.00	0.00	0.00
1	1	4967	87.3	3491.47	3491.47	3491.47	0.00	0.00	0.00
1	1	4937	87.3	3491.47	3491.47	3491.47	0.00	0.00	0.00
1	1	4892.5					0.00	0.00	0.00
1	1	4848	87.3	3486.73	3486.73	3486.73	0.00	0.00	0.00
1	1	4822	87.3	3481.76	3481.78	3482.58	0.02	0.80	0.82
1	1	4478	87.3	3479.51	3479.50	3479.50	-0.01	0.00	-0.01
1	1	4468	87.3	3479.06	3479.34	3479.34	0.28	0.00	0.28
1	1	4444	87.3	3478.63	3479.20	3479.20	0.57	0.00	0.57
1	1	4434	87.3	3478.46	3478.95	3479.08	0.49	0.13	0.62
1	1	4150	87.3	3473.16	3473.16	3473.16	0.00	0.00	0.00
1	1	4140	87.3	3472.92	3472.92	3472.92	0.00	0.00	0.00
1	1	4116	87.3	3472.52	3472.54	3472.68	0.02	0.14	0.16
1	1	4106	87.3	3472.34	3472.33	3472.60	-0.01	0.27	0.26
1	1-Lower	3849	97	3468.49	3468.51	3468.98	0.02	0.47	0.49
1	1-Lower	3697	97	3465.55	3465.61	3465.61	0.06	0.00	0.06
1	1-Lower	3687	97	3465.34	3465.25	3465.69	-0.09	0.44	0.35
1	1-Lower	3663	97	3465.15	3465.23	3465.69	0.08	0.46	0.54
1	1-Lower	3653	97	3464.93	3464.90	3465.63	-0.03	0.73	0.70
1	1-Lower	3600	97	3464.19	3464.18	3464.84	-0.01	0.66	0.65
1	1-Lower	3554	97	3463.50	3463.50	3464.17	0.00	0.67	0.67
1	1-Lower	3308	97	3459.24	3459.24	3459.24	0.00	0.00	0.00
1	1-Lower	3298	97	3459.07	3459.07	3459.07	0.00	0.00	0.00
1	1-Lower	3274	97	3458.37	3458.41	3458.59	0.04	0.18	0.22
1	1-Lower	3264	97	3457.94	3458.29	3458.53	0.35	0.24	0.59
1	1-Lower	3118	97	3454.66	3454.65	3454.98	-0.01	0.33	0.32
1	1-Lower	3060	97	3453.48	3453.50	3453.81	0.02	0.31	0.33
1	1-Lower	2934	117	3451.10	3451.10	3451.10	0.00	0.00	0.00
1	1-Lower	2924	117	3450.81	3450.88	3450.88	0.07	0.00	0.07
1	1-Lower	2900	117	3450.36	3450.71	3450.71	0.35	0.00	0.35

South River

River	Reach	Station	Q	WSE (EX)	WSE (PR n=0.03)	WSE (PR n=0.15)	Delta (PR 0.03 & EX)	Delta PR (0.15 & 0.03)	Delta PR 0.15 & EX
1	1-Lower	2890	117	3450.24	3450.24	3450.50	0.00	0.26	0.26
1	1-Lower	2856	117	3449.59	3449.59	3449.93	0.00	0.34	0.34
1	1-Lower	2746	117	3447.31	3447.31	3447.38	0.00	0.07	0.07
1	1-Lower	2697	489	3446.59	3446.59	3446.72	0.00	0.13	0.13
1	1-Lower	2643	489	3445.13	3445.13	3445.13	0.00	0.00	0.00
1	1-Lower	2528	489	3442.95	3443.16	3443.98	0.21	0.82	1.03
1	1-Lower	2518	489	3442.90	3443.13	3443.98	0.23	0.85	1.08
1	1-Lower	2494	489	3442.73	3443.06	3443.97	0.33	0.91	1.24
1	1-Lower	2484	489	3442.62	3442.78	3443.95	0.16	1.17	1.33
1	1-Lower	2398	489	3442.05	3442.10	3441.76	0.05	-0.34	-0.29
1	1-Lower	2128	659	3439.26	3439.26	3440.25	0.00	0.99	0.99
1	1-Lower	2118	659	3439.13	3439.07	3440.28	-0.06	1.21	1.15
1	1-Lower	2094	659	3438.90	3438.95	3440.30	0.05	1.35	1.40
1	1-Lower	2084	659	3438.71	3438.71	3440.29	0.00	1.58	1.58
1	1-Lower	1823	659	3435.39	3435.63	3435.40	0.24	-0.23	0.01
1	1-Lower	1470	659	3433.03	3432.86	3434.22	-0.17	1.36	1.19
1	1-Lower	1460	659	3432.74	3432.84	3434.23	0.10	1.39	1.49
1	1-Lower	1436	659	3432.54	3432.81	3434.24	0.27	1.43	1.70
1	1-Lower	1426	659	3432.47	3432.59	3434.23	0.12	1.64	1.76
1	1-Lower	994	659	3428.23	3428.24	3428.24	0.01	0.00	0.01
1	1-Lower	984	659	3427.74	3427.74	3428.40	0.00	0.66	0.66
1	1-Lower	960	659	3427.31	3427.32	3428.45	0.01	1.13	1.14
1	1-Lower	950	659	3426.69	3427.15	3428.43	0.46	1.28	1.74
1	1-Lower	730	659	3425.16	3425.16	3425.89	0.00	0.73	0.73
1	1-Lower	590	659	3423.73	3423.72	3424.72	-0.01	1.00	0.99
1	1-Lower	304	659	3421.39	3421.39	3423.30	0.00	1.91	1.91
2	3-Lower	994	659	3415.83	3415.83	3418.98	0.00	3.15	3.15
2	3-Lower	813	659	3413.75	3413.75	3415.58	0.00	1.83	1.83
3	3	2455	53	3461.64	3461.64	3462.03	0.00	0.39	0.39
3	3	2396	53	3460.63	3460.63	3460.82	0.00	0.19	0.19
3	3	2324	53	3458.14	3458.14	3458.44	0.00	0.30	0.30
3	3	2233	53	3456.37	3456.38	3456.75	0.01	0.37	0.38
3	3	2095	53	3454.24	3453.85	3453.85	-0.39	0.00	-0.39
3	3	2087	53	3453.80	3453.43	3453.43	-0.37	0.00	-0.37
3	3	2069	53	3452.79	3452.53	3453.14	-0.26	0.61	0.35
3	3	2060	53	3452.78	3452.50	3453.13	-0.28	0.63	0.35
3	3	1919	53	3451.35	3451.36	3451.36	0.01	0.00	0.01
3	3	1889	53	3450.93	3450.96	3451.08	0.03	0.12	0.15
3	3	1879	53	3450.90	3450.90	3451.05	0.00	0.15	0.15
3	3	1855	53	3450.78	3450.79	3451.03	0.01	0.24	0.25
3	3	1845	53	3450.57	3450.57	3450.96	0.00	0.39	0.39
3	3	1763	53	3449.61	3449.61	3450.15	0.00	0.54	0.54
3	3	1653	53	3448.24	3448.24	3448.23	0.00	-0.01	-0.01

South River

River	Reach	Station	Q	WSE (EX)	WSE (PR n=0.03)	WSE (PR n=0.15)	Delta (PR 0.03 & EX)	Delta PR (0.15 & 0.03)	Delta PR 0.15 & EX
3	3	1546	53	3446.79	3446.77	3447.29	-0.02	0.52	0.50
3	3	1536	53	3446.76	3446.77	3447.29	0.01	0.52	0.53
3	3	1512	53	3446.73	3446.74	3447.29	0.01	0.55	0.56
3	3	1502	53	3446.72	3446.74	3447.28	0.02	0.54	0.56
3	3	1370	53	3446.25	3446.25	3446.25	0.00	0.00	0.00
3	3	1213	53	3444.48	3444.45	3444.69	-0.03	0.24	0.21
3	3	1203	53	3444.45	3444.43	3444.68	-0.02	0.25	0.23
3	3	1179	53	3444.38	3444.39	3444.68	0.01	0.29	0.30
3	3	1169	53	3444.23	3444.25	3444.66	0.02	0.41	0.43
3	3	1062	53	3442.60	3442.52	3442.97	-0.08	0.45	0.37
3	3	884	53	3440.26	3440.37	3440.37	0.11	0.00	0.11
3	3	874	53	3440.04	3440.25	3440.25	0.21	0.00	0.21
3	3	850	53	3439.17	3439.17	3439.73	0.00	0.56	0.56
3	3	840	53	3438.97	3438.97	3439.70	0.00	0.73	0.73
3	3	688	53	3436.67	3436.67	3436.67	0.00	0.00	0.00
3	3	549	53	3434.22	3434.42	3434.42	0.20	0.00	0.20
3	3	539	53	3434.04	3434.39	3434.38	0.35	-0.01	0.34
3	3	515	53	3433.46	3434.24	3434.24	0.78	0.00	0.78
3	3	505	53	3433.18	3433.18	3433.59	0.00	0.41	0.41
3	3	439	53	3431.65	3431.65	3431.92	0.00	0.27	0.27
3	3	326	53	3429.52	3429.52	3430.00	0.00	0.48	0.48
3	3	236	53	3427.51	3427.51	3427.51	0.00	0.00	0.00
3	3	171	53	3426.26	3426.38	3426.38	0.12	0.00	0.12
3	3	161	53	3426.09	3426.35	3426.35	0.26	0.00	0.26
3	3	137	53	3425.54	3426.21	3426.21	0.67	0.00	0.67
3	3	128	53	3425.25	3425.25	3425.53	0.00	0.28	0.28
3	3	74	53	3423.82	3423.82	3424.24	0.00	0.42	0.42
3	3	41	53	3422.62	3422.62	3422.62	0.00	0.00	0.00
4	2	1179	9.7	3514.68	3514.68	3514.94	0.00	0.26	0.26
4	2	1126	9.7	3511.94	3511.94	3512.07	0.00	0.13	0.13
4	2	1095	9.7	3509.94	3509.94	3510.12	0.00	0.18	0.18
4	2	1042	9.7	3506.23	3506.23	3506.40	0.00	0.17	0.17
4	2	1017	9.7	3505.19	3505.19	3505.48	0.00	0.29	0.29
4	2	998	9.7	3504.24	3504.24	3504.24	0.00	0.00	0.00
4	2	972	9.7	3502.21	3502.21	3502.55	0.00	0.34	0.34
4	2	942	9.7	3500.45	3500.45	3500.45	0.00	0.00	0.00
4	2	918	9.7	3498.20	3498.20	3498.46	0.00	0.26	0.26
4	2	892	9.7	3496.34	3496.34	3496.34	0.00	0.00	0.00
4	2	770	9.7	3492.52	3492.52	3492.97	0.00	0.45	0.45
4	2	677	9.7	3492.47	3492.47	3492.91	0.00	0.44	0.44
4	2	578	9.7	3492.32	3492.32	3492.57	0.00	0.25	0.25
4	2	559	9.7	3492.00	3492.00	3492.10	0.00	0.10	0.10
4	2	430	9.7	3483.43	3483.43	3483.50	0.00	0.07	0.07

South River

River	Reach	Station	Q	WSE (EX)	WSE (PR n=0.03)	WSE (PR n=0.15)	Delta (PR 0.03 & EX)	Delta PR (0.15 & 0.03)	Delta PR 0.15 & EX
4	2	363	9.7	3480.46	3479.95	3479.95	-0.51	0.00	-0.51
4	2	353	9.7	3480.08	3479.74	3479.74	-0.34	0.00	-0.34
4	2	329	9.7	3479.04	3479.04	3479.04	0.00	0.00	0.00
4	2	319	9.7	3478.57	3478.58	3478.73	0.01	0.15	0.16
4	2	96	9.7	3472.05	3472.05	3472.05	0.00	0.00	0.00
4	2	86	9.7	3471.80	3471.80	3471.80	0.00	0.00	0.00
4	2	62	9.7	3471.09	3471.09	3471.37	0.00	0.28	0.28
4	2	52	9.7	3470.98	3470.94	3471.36	-0.04	0.42	0.38