



STORM SEWER PROFILE
 SCALES:
 HORIZ. 1"=50'
 VERT. 1"=10'

BAK PROJECT NAME : THE VILLAGES AT RHODES FARM
 BAK PROJECT NO. : 12-15470B
 DESIGN DATE : 12/20/2017
 FILENAME: 15470B

UPP STR	LOW STR	L	DIA	UPPER FL IN	LOWER FL IN	#8	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL	JUNC LOSS	TURN LOSS	CURV LOSS	STR GRADE	INL CAP	DR AREA	PI	Q	TQ	PIPE CAP	LINE NUMBER	REMARKS	
CI49	DC115	35	12	589.94	589.43	1.46	594.68	3.62	591.06	591.00	.00090	0.03	1.39	0.03	0.03	0.00	0.00	2%	1.64	0.36	3.24	1.09	1.09	4.30	1	
CI47	CI46	36	12	590.79	590.44	0.99	595.79	4.27	591.52	591.44	.00120	0.04	1.58	0.04	0.04	0.00	2%	1.64	0.47	2.64	1.24	1.24	3.54	2		
CI46	AI12	126	12	590.24	588.97	1.01	595.91	5.09	590.82	589.97	.00420	0.53	2.93	0.13	0.11	0.01	0.00	2%	1.64	0.40	2.64	1.06	2.30	3.57	3	
CI45	CI44	36	12	599.70	599.34	0.99	604.70	4.29	600.41	600.34	.00110	0.04	1.48	0.03	0.03	0.00	2%	1.64	0.44	2.64	1.16	1.16	3.55	4		
CI44	AI32	143	12	599.14	589.85	6.50	604.51	5.03	599.48	590.85	.00420	0.61	2.95	0.14	0.13	0.00	0.00	2%	1.64	0.44	2.64	1.16	2.32	4.08	5	
CI43	CI42	36	12	593.77	593.23	1.49	598.94	4.63	594.31	594.23	.00120	0.04	1.54	0.04	0.04	0.00	2%	1.64	0.46	2.64	1.21	1.21	3.45	6		
CI42	AI31	124	12	593.03	584.34	7.00	598.75	5.38	593.37	585.34	.00460	0.57	3.08	0.15	0.13	0.01	0.00	2%	1.64	0.46	2.64	1.21	2.42	9.43	7	
DC141	DC140	35	12	584.16	583.37	2.26	589.16	4.36	584.80	584.47	.00500	0.17	3.20	0.16	0.16	0.00	0.00	2.2%	1.58	0.95	2.64	2.51	2.51	5.45	8	
CI39	CI38	35	12	577.60	577.25	1.00	582.60	4.25	578.35	578.25	.00140	0.05	1.72	0.05	0.05	0.00	2.2%	1.58	0.51	2.64	1.35	1.35	3.56	10		
CI38	MH37	101	15	577.05	576.04	1.00	582.60	4.96	577.64	577.29	.00210	0.21	2.39	0.09	0.03	0.00	2.2%	1.58	0.65	2.64	1.58	2.93	6.45	11		
MH37	CI28	87	15	575.84	574.97	1.00	585.62	8.64	576.98	576.74	.00210	0.18	2.39	0.09	0.06	0.06	0.00	2.2%	1.58	0.75	2.64	2.16	4.67	6.48	9	BYPASS=0.18cfs
AI36	CI35	148	12	592.10	590.62	1.00	596.10	3.04	593.06	591.83	.00680	1.01	3.74	0.22	0.22	0.00	4%	11.00	0.93	3.24	2.94	2.94	6.57	13		
CI35	MH34A	37	15	590.42	590.06	0.99	598.83	7.00	591.83	591.31	.00780	0.29	4.65	0.34	0.23	0.00	LOW	3.40	1.00	3.24	2.77	5.71	6.42	14		
MH34A	MH34	64	15	589.86	589.21	1.01	600.20	9.06	591.14	590.46	.00780	0.50	4.65	0.34	0.18	0.18	0.00	MH	0.00	0.00	0.00	0.00	5.71	6.49	15	
MH34	CI33	136	15	589.02	587.66	1.00	600.57	10.37	590.20	588.94	.00780	1.06	4.65	0.34	0.23	0.00	MH	0.00	0.00	0.00	0.00	5.71	6.46	16		
CI33	AI32	33	18	587.46	587.13	1.01	602.24	13.40	588.84	588.63	.00480	1.16	4.13	0.26	0.05	0.07	0.00	2.2%	1.58	0.51	3.24	1.58	7.29	10.57	17	BYPASS=0.18cfs
AI32	AI31	209	24	586.93	584.04	1.00	597.40	9.44	587.56	586.04	.00280	0.61	3.82	0.23	0.15	0.25	0.00	4%	11.00	0.86	3.24	2.25	12.01	22.64	18	
AI31	AI30	195	24	583.84	581.89	1.00	591.80	6.50	585.30	583.89	.00270	1.40	5.42	0.46	0.31	0.13	0.00	4%	11.00	0.98	2.64	2.59	11.02	22.63	19	
AI30	CI29	118	27	581.69	580.52	0.99	587.60	3.78	583.82	582.77	.00580	0.68	5.91	0.54	0.37	0.38	0.00	4%	11.00	0.89	2.64	1.82	23.51	30.89	20	
CI29	CI28	35	27	580.32	579.97	1.00	587.67	5.13	582.54	582.52	.00640	0.22	6.22	0.60	0.10	0.00	3%	1.33	0.46	2.64	1.21	24.72	30.97	21		
CI28	AI29	214	27	574.77	571.18	1.68	587.67	10.93	576.74	574.36	.00880	1.87	7.49	0.92	0.51	0.30	0.00	3%	1.33	0.51	2.64	1.33	28.98	40.12	22	BYPASS=0.02cfs
FE27	MH26	106	36	574.50	570.69	3.58	577.50	2.70	574.80	573.69	.00900	0.00	0.56	0.00	0.00	0.00	0.00	FE	0.00	1.40	2.77	3.93	3.93	126.27	23	
MH26	CI7	64	36	570.49	569.85	1.00	580.50	6.88	573.62	573.62	.00000	0.00	0.56	0.00	0.00	0.00	0.00	MH	0.00	0.00	0.00	0.00	3.93	66.82	24	
CI25	DC121	35	12	578.23	577.88	1.00	583.23	4.21	579.02	578.88	.00210	0.07	2.09	0.07	0.07	0.00	2%	1.64	0.68	2.90	1.64	1.64	3.56	25	BYPASS=0.33cfs	
CI24	CI20	35	12	574.19	573.84	1.00	579.19	4.10	575.09	574.84	.00380	0.13	2.79	0.12	0.12	0.00	0.00	LOW	3.40	0.64	2.90	2.19	2.19	3.56	26	
CI16	DC115	48	15	589.91	589.43	1.01	594.00	2.87	591.13	591.00	.00150	0.07	2.00	0.06	0.06	0.00	4%	11.00	0.64	3.85	2.46	2.46	6.49	27	TOP=POND LIMITS	
DC115	AI14	186	18	589.23	587.37	1.00	594.38	3.38	591.00	589.48	.00640	1.18	4.74	0.35	0.34	0.05	0.00	2%	5.61	1.39	3.24	4.83	8.38	10.50	28	
AI14	MH23B	72	18	587.17	586.31	1.20	597.90	8.42	589.48	587.81	.01340	0.56	6.89	0.74	0.71	0.31	0.00	4%	11.00	1.00	3.24	3.80	12.18	11.50	29	
MH23B	MH23A	140	18	586.11	583.36	1.97	595.90	9.23	587.67	585.60	.01340	1.88	6.89	0.74	0.19	0.19	0.00	MH	0.00	0.00	0.00	0.00	12.18	11.47	30	
MH23A	AI13	294	18	583.16	579.66	1.19	588.07	6.47	585.60	581.16	.01340	3.98	6.89	0.74	0.49	0.49	0.00	MH	0.00	0.00	0.00	0.00	12.18	11.47	31	
AI13	AI22	252	24	579.46	576.46	1.19	587.00	6.46	580.54	578.46	.00390	0.99	5.51	0.32	0.00	0.08	0.00	4%	11.00	0.72	2.77	1.89	14.16	24.68	32	
AI22	DC121	115	24	576.26	575.11	1.00	581.50	3.12	578.38	577.32	.00240	0.62	5.31	0.44	0.44	0.32	0.00	4%	11.00	0.91	2.77	2.52	16.68	22.64	33	
DC121	CI20	238	24	574.81	572.53	1.00	581.23	5.44	577.32	574.76	.00340	2.00	6.09	0.40	0.56	0.40	0.00	4%	11.00	0.89	2.64	1.82	6.73	27.25	34	
CI20	CI19	158	27	572.33	570.75	1.00	579.19	4.43	574.76	573.54	.00630	1.00	6.19	0.59	0.22	0.32	0.00	LOW	3.40	0.58	2.90	1.68	24.60	30.98	35	
CI19	CI6	131	36	570.55	569.24	1.00	580.52	6.98	573.54	571.80	.00140	0.18	3.50	0.19	0.00	0.08	0.00	1%	1.95	0.84	2.90	0.12	24.72	66.71	36	
CI18	CI17	35	12	570.48	568.42	5.89	575.48	4.61	570.87	570.11	.00650	0.23	3.65	0.21	0.21	0.00	0.00	LOW	3.40	0.95	2.64	2.87	2.87	8.64	37	
CI17	MH4	38	15	569.22	567.84	1.00	575.48	5.37	570.11	569.90	.00390	0.15	3.68	0.17	0.04	0.03	0.00	LOW	3.40	0.44	2.64	1.16	4.03	6.47	38	
AI13	AI12	308	24	597.17	588.97	2.67	602.40	5.03	597.37	590.97	.00000	0.01	0.30	0.00	0.00	0.00	4%	11.00	0.36	2.64	0.95	0.95	36.93	39		
AI12	AI11	175	24	588.77	586.10	1.52	595.00	5.05	589.45	588.10	.00090	0.15	2.12	0.07	0.07	0.14	0.00	4%	11.00	1.02	2.64	2.69	6.67	27.91	40	
AI11	AI10	229	24	582.90	579.70	2.71	591.60	5.06	586.84	581.70	.00140	0.32	2.70	0.11	0.06	0.00	0.00	4%	11.00	0.89	2.64	1.82	8.49	37.25	41	
AI10	AI9	211	24	577.73	571.18	3.10	585.20	6.75	578.45	574.36	.00220	0.47	3.41	0.18	0.09	0.00	0.00	4%	11.00	0.84	2.64	2.22	10.71	39.81	42	
AI9	DC18	150	48	570.98	570.22	0.51	577.80	3.44	574.36	574.22	.00090	0.14	3.48	0.19	0.00	0.18	0.00	4%	11.00	1.82	2.64	4.01	43.70	102.09	43	
DC18	CI7	35	48	570.02	569.85	0.49	578.31	4.46	573.95	573.85	.00100	0.04	2.08	0.04	0.00	0.00	2%	3	5.61	0.64	2.64	2.51	100.12	44		
CI7	CI6	84	48	569.65	569.24	0.49	578.31	4.69	573.62	573.36	.00130	0.11														