



BASIN SECTION A-A
 SCALES:
 HORIZ. 1"=50'
 VERT. 1"=10'

BASIN SECTION B-B
 SCALES:
 HORIZ. 1"=50'
 VERT. 1"=10'

BASIN SECTION C-C
 SCALES:
 HORIZ. 1"=50'
 VERT. 1"=10'

BAX PROJECT NAME : LEGENDS POINTE
 BAX PROJECT NO. : 12-15470B
 DESIGN DATE : 12/20/2017
 FILENAME: 15470B100 (100YR/LFB)

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL	VEL HEAD	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INL CAP	DR AREA	PI	Q	TQ	PIPE CAP	REMARKS
C148	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
C147	C146	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	0.00	2%	1.64	0.47	2.64	1.24	1.24	3.54	2
C146	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
C145	C144	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	0.00	2%	1.64	0.44	2.64	1.16	1.16	3.55	4
C144	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	9.08	5
C143	C142	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	0.00	2%	1.64	0.46	2.64	1.21	1.21	4.35	6
C142	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	5.35	8
DC140	AI30	97	15	583.17	582.19	1.01	589.16	4.69	584.47	583.82	.00520	0.51	3.81	0.22	0.14	0.00	0.00	2.2%	1.58	0.75	2.64	2.16	4.67	6.48	9
C139	C138	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	0.00	2.2%	1.58	0.51	2.64	1.35	1.35	3.56	10
C138	MH37	101	15	577.02	576.04	1.09	582.60	4.96	577.64*	577.29	.00210	0.21	2.39	0.09	0.08	0.03	0.00	2.2%	1.58	0.66	2.64	1.58	2.93	6.45	11
MH37	C128	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	MH	0.00	0.00	0.00	0.00	2.93	6.46	12
AI36	C135	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	0.00	4%	11.00	0.93	3.24	2.94	2.94	3.57	13
C135	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	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	C133	136	15	589.02	587.66	1.00	600.57	10.37	590.20	588.91	.00780	1.06	4.65	0.34	0.23	0.23	0.00	MH	0.00	0.00	0.00	0.00	5.71	6.46	16
C133	AI32	33	18	587.46	587.13	1.01	602.24	13.40	588.84	588.63	.00480	0.16	4.13	0.26	0.05	0.07	0.00	2.2%	1.58	0.51	2.64	1.58	7.29	10.57	17
AI32	AI31	289	24	586.93	584.04	1.00	597.40	9.44	587.96*	586.04	.00280	0.81	3.82	0.23	0.15	0.25	0.00	4%	11.00	0.86	3.24	2.22	12.01	22.64	18
AI31	AI30	195	24	583.84	581.89	1.00	591.80	6.50	585.30	583.89	.00570	1.10	5.42	0.46	0.31	0.13	0.00	4%	11.00	0.89	2.64	2.59	17.02	22.61	19
AI30	C129	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	0.69	2.64	1.82	23.51	30.89	20
C129	C128	35	27	580.32	579.97	1.00	587.67	5.13	582.54	582.22	.00640	0.22	6.22	0.60	0.10	0.01	0.00	3%	1.33	0.46	2.64	1.21	24.72	30.97	21
C128	AI9	214	27	574.77	571.18	1.68	587.67	10.93	576.74	574.36	.00880	1.81	7.29	0.82	0.51	0.30	0.00	3%	1.33	0.51	2.64	1.33	28.98	40.12	22
FE27	MH26	106	36	574.50	570.69	3.58	577.50	2.70	574.80*	573.69	.00000	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	C17	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
C125	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	0.00	2%	1.64	0.68	2.90	1.64	1.64	3.56	25
C124	C120	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
GI16	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	0.00	4%	11.00	0.64	3.85	2.46	2.46	6.49	27
DC115	AI14	186	18	589.23	587.31	1.00	594.30	3.36	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	0.96	6.89	0.74	0.71	0.31	0.00	4%	11.00	3.24	3.80	12.18	11.50	29	
MH23B	MH23A	140	18	586.11	583.36	1.97	595.90	8.23	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	14.73	30
MH23A	AI23	294	18	583.16	579.66	1.19	588.07	2.47	585.60	581.16	.01340	3.95	6.89	0.74	0.49	0.49	0.00	MH	0.00	0.00	0.00	0.00	12.18	11.47	31
AI23	AI22	252	24	579.46	576.46	1.19	587.00	6.46	580.54*	578.46	.00390	0.99	4.51	0.32	0.00	0.08	0.00	4%	11.00	0.72	2.77	1.98	14.16	24.68	32
AI22	DC121	115	24	576.26	575.11	1.00	583.23	3.12	578.38	577.32	.00540	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	C120	238	24	574.91	572.53	1.00	583.23	5.91	577.32	574.76	.00840	2.00	6.60	0.56	0.36	0.00	2%	5.61	0.83	2.90	2.41	20.73	22.60	34	
C120	C119	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
C119	C16	131	36	570.55	569.24	1.00	580.52	6.98	573.54	573.36	.00140	0.18	3.50	0.19	0.00	0.08	0.00	1%	1.95	0.04	2.90	0.12	24.72	66.71	36
C118	C17	35	12	570.48	568.42	5.89	575.48	3.72	571.76	571.32	.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
C117	MH4	38	15	568.22	567.84	1.00	575.48	4.16	571.32	571.13	.00390	0.15	3.62	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	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	5.55	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	585.90	579.70	2.71	591.60	5.06	586.54*	581.70	.00140	0.32	2.70	0.11	0.06	0.00	0.00	4%	11.00	0.69	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	DC28	150	48	570.98	570.22	0.51	577.80	3.44	574.36	574.22	.00090	0.14	3.48	0											