EXHIBIT D

Depiction of Proposed RCB Diverting Box Culvert System Flows from Drainage Study for APNs 191-08-510-002 and 003

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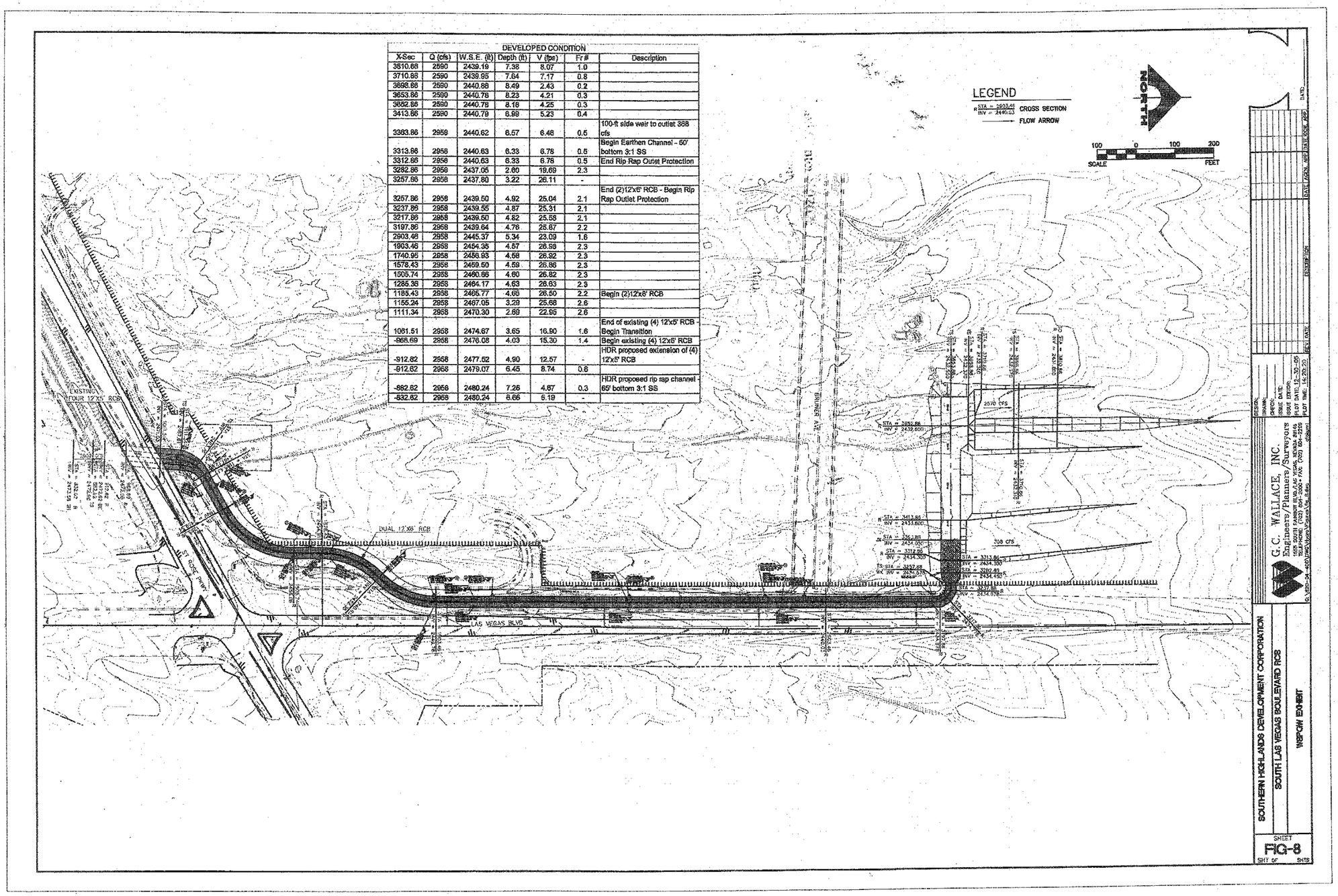

DEVELOPED CONDITION						
X-Sec	Q (cfs)	W.S.E. (ft)	Depth (ft)	V (fps)	Fr #	Description
3810.86	2590	2439.19	7.38	8.07	1.0	
3710.86	2590	2439.95	7.64	7.17	0.8	
3698.86	2590	2440.86	8.49	2.43	0.2	
3653.86	2590	2440.78	8.23	4.21	0.3	
3652.86	2590	2440.78	8.16	4.25	0.3	
3413.86	2590	2440.79	6.99	5.23	0.4	
3363.86	2958	2440.62	6.57	6.46	0.5	100-ft side weir to outlet 368 cfs
3313.86	2958	2440.63	6.33	6.78	0.5	Begin Earthen Channel - 50' bottom 3:1 SS
3312.86	2958	2440.63	6.33	6.78	0.5	End Rip Rap Outlet Protection
3282.86	2958	2437.05	2.60	19.69	2.3	
3257.86	2958	2437.80	3.22	26.11	-	
3257.86	2958	2439.50	4.92	25.04	2.1	End (2)12'x6' RCB - Begin Rip Rap Outlet Protection
3237.86	2958	2439.55	4.87	25.31	2.1	
3217.86	2958	2439.60	4.82	25.58	2.1	
3197.86	2958	2439.64	4.76	25.87	2.2	
2903.46	2958	2445.37	5.34	23.09	1.6	
1903.46	2958	2454.35	4.57	26.58	2.3	
1740.95	2958	2456.93	4.58	26.32	2.3	
1578.43	2958	2459.50	4.59	26.06	2.3	
1505.74	2958	2460.66	4.60	26.82	2.3	
1285.36	2958	2464.17	4.63	26.63	2.3	
1185.43	2958	2465.77	4.66	26.50	2.2	Begin (2)12'x6' RCB
1155.24	2958	2467.05	3.29	25.68	2.6	
1111.34	2958	2470.30	2.69	22.95	2.6	
1061.51	2958	2474.67	3.65	16.90	1.6	End of existing (4) 12'x5' RCB - Begin Transition
-966.69	2958	2476.08	4.03	15.30	1.4	Begin existing (4) 12'x5' RCB
-912.62	2958	2477.52	4.90	12.57	-	HDR proposed extension of (4) 12'x5' RCB
-912.62	2958	2479.07	6.45	8.74	0.6	
-862.62	2958	2480.24	7.26	4.67	0.3	HDR proposed rip rap channel - 65' bottom 3:1 SS
-832.62	2958	2480.24	6.66	5.19	-	

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