

RUNOFF CALCULATIONS - BELT LINE ROAD TO ARAPAHO ROAD

AREA NUM.	AREA (AC.)	RUNOFF COEFF. "C"	DESIGN STORM FREQ. (YEAR)	TIME OF CONC. (MIN.)	INTENSITY (IN./HR.)	Q= CIA (C.F.S.)	REMARKS
A1	1.37	0.90	100	10.00	8.74	10.78	Commercial / Retail
A2	1.06	0.90	100	10.00	8.74	8.34	Commercial / Retail
A3	0.32	0.90	100	10.00	8.74	2.52	Commercial / Retail
A4	0.17	0.90	100	10.00	8.74	1.34	Commercial / Retail
A5	5.96	0.90	100	10.00	8.74	46.88	Commercial / Retail
A5A	0.64	0.90	100	10.00	8.74	5.03	Commercial / Retail
A6	0.64	0.90	100	10.00	8.74	5.03	Commercial / Retail
A7A	0.26	0.90	100	10.00	8.74	2.05	Commercial / Retail
A7B	0.20	0.90	100	10.00	8.74	1.57	Commercial / Retail
A8	0.74	0.90	100	10.00	8.74	5.82	Commercial / Retail
A9	0.53	0.90	100	10.00	8.74	4.17	Commercial / Retail
A10	0.70	0.90	100	10.00	8.74	5.51	Commercial / Retail
A11	0.64	0.90	100	10.00	8.74	5.03	Commercial / Retail
A12	0.33	0.90	100	10.00	8.74	2.60	Commercial / Retail
A13	0.37	0.90	100	10.00	8.74	2.91	Commercial / Retail
B1	1.25	0.90	100	10.00	8.74	9.83	Commercial / Retail
B2	2.91	0.90	100	10.00	8.74	22.89	Commercial / Retail
B3	1.19	0.90	100	10.00	8.74	9.36	Commercial / Retail
B4	0.30	0.90	100	10.00	8.74	2.36	Commercial / Retail
C1	4.00	0.90	100	10.00	8.74	31.46	Commercial / Retail
CE1	0.15	0.90	100	10.00	8.74	1.18	Commercial / Retail
CE2	0.15	0.90	100	10.00	8.74	1.18	Commercial / Retail
CE3	0.16	0.90	100	10.00	8.74	1.26	Commercial / Retail
CE4	0.44	0.90	100	10.00	8.74	3.46	Commercial / Retail
D1	0.23	0.90	100	10.00	8.74	1.81	Commercial / Retail
D2	0.23	0.90	100	10.00	8.74	1.81	Commercial / Retail
D3	0.23	0.90	100	10.00	8.74	1.81	Commercial / Retail
CE	0.26	0.90	100	10.00	8.74	2.05	Commercial / Retail

This record drawing is a compilation of the sealed engineering drawing for this project; modified by addenda, change orders and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness. This original sealed drawings are on file at the offices of Birkhoff, Hendricks & Carter, L.L.P.

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BY J.W.B. DATE 05/04/2010

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John W. Birkhoff

DATE: 10/31/06



TOWN OF ADDISON, TEXAS	
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I RUNOFF CALCULATIONS	
BIRKHOFF, HENDRICKS & CONWAY L. L. P. CONSULTING ENGINEERS Dallas, Texas	
DESIGNED BY: <u>J.W.B.</u>	PROJECT: <u>2002 102</u>
DRAWN BY: <u>R.J.L.</u>	DATE: <u>SEPTEMBER 2006</u>
SHEET NO. 33 OF 68 SHEETS	

PLOTTED BY: RLOWE ON 5/14/2010
 PLOT STYLE: 11x17.ctb
 PLOT SCALE: 1:1.0101
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 REVISED: 5/6/10 - RLOWE