WinStorm (STORM DRAIN DESIGN) Version 3.05, Jan. 25, 2002
Run @ 7/1/2008 9:40:03 AM

PROJECT NAME : SYSTEM C INLETS
JOB NUMBER :
PROJECT DESCRIPTION :
DESIGN FREQUENCY : 25 Years
MEASUREMENT UNITS: ENGLISH

OUTPUT FOR DESIGN FREQUENCY of: 25 Years

Runoff Computation for Design Frequency.

ID	C Value	Area (acre)	Tc (min)	Tc Used (min)	Intensity (in/hr)	Supply Q (cfs)	Total Q (cfs)
0-1	0.9	0.50	10.00	10.00	8.25	0.000	3.683
0-2	0.9	0.55	10.00	10.00	8.25	0.000	4.054
0-6	0.9	0.55	10.00	10.00	8.25	0.000	4.054
0-7	0.9	0.50	10.00	10.00	8.25	0.000	3.683

On Grade Inlet Configuration Data

Inlet ID	Inlet Type	Inlet Length (ft)	Slopes Long (%)	Slopes Trans (%)	Gutter n	Gutter Depr. (ft)	Grate Width (ft)	Grate Type	Pond Width Allowed (ft)	Critic Elev. (ft)
0-1	Curb	10.00	0.50	2.00	0.016	0.25	n/a	n/a	14.00	450.70
0-2	Curb	10.00	1.42	2.00	0.016	0.25	n/a	n/a	14.00	448.21
0-6	Curb	15.00	1.42	2.00	0.016	0.25	n/a	n/a	14.00	448.24
0-7	Curb	10.00	0.50	2.00	0.016	0.25	n/a	n/a	14.00	446.20

On Grade Inlets Conmputation Data.

Inlet ID	Inlet Type	Total Q (cfs)	Intercept Capacity (cfs)	Q Bypass Allow (cfs)	Q Bypass Actual (cfs)	To Inlet ID	Required Length (ft)	Actual Length (ft)	Ponded Width (ft)
0-1	Curb	3.683	3.637	0.000	0.046	0-2	10.96	10.00	13.40
0-2	Curb	4.100	3.567	0.000	0.533	0	14.75	10.00	11.45
0-6	Curb	4.100	4.100	0.000	0.000	0	14.75	15.00	11.45
0-7	Curb	3.683	3.637	0.000	0.046	0-6	10.96	10.00	13.40

==========END==========

WinStorm (STORM DRAIN DESIGN) Version 3.05, Jan. 25, 2002
Run @ 7/1/2008 9:41:01 AM

PROJECT NAME : SYSTEM C INLETS
JOB NUMBER :
PROJECT DESCRIPTION :
DESIGN FREQUENCY : 100 Years
MEASUREMENT UNITS: ENGLISH

OUTPUT FOR DESIGN FREQUENCY of: 100 Years

Runoff Computation for Design Frequency.

ID	C Value	Area (acre)	Tc (min)	Tc Used (min)	Intensity (in/hr)	Supply Q (cfs)	Total Q (cfs)
0-1	0.9	0.50	10.00	10.00	9.80	0.000	4.375
0-2	0.9	0.55	10.00	10.00	9.80	0.000	4.816
0-6	0.9	0.55	10.00	10.00	9.80	0.000	4.816
0-7	0.9	0.50	10.00	10.00	9.80	0.000	4.375

On Grade Inlet Configuration Data

Inlet ID	Inlet Type	Inlet Length (ft)	Slopes Long (%)	Slopes Trans (%)	Gutter n	Gutter Depr. (ft)	Grate Width (ft)	Grate Type	Pond Width Allowed (ft)	Critic Elev. (ft)
0-1	Curb	10.00	0.50	2.00	0.016	0.25	n/a	n/a	14.00	450.70
0-2	Curb	10.00	1.42	2.00	0.016	0.25	n/a	n/a	14.00	448.21
0-6	Curb	15.00	1.42	2.00	0.016	0.25	n/a	n/a	14.00	448.24
0-7	Curb	10.00	0.50	2.00	0.016	0.25	n/a	n/a	14.00	446.20

On Grade Inlets Conmputation Data.

Inlet ID	Inlet Type	Total Q (cfs)	Intercept Capacity (cfs)	Q Bypass Allow (cfs)	Q Bypass Actual (cfs)	To Inlet ID	Required Length (ft)	Actual Length (ft)	Ponded Width (ft)
0-1	Curb	4.375	4.189	0.000	0.186	0-2	12.09	10.00	14.30
0-2	Curb	5.002	4.067	0.000	0.935	0	16.50	10.00	12.35
0-6	Curb	5.002	4.935	0.000	0.067	0	16.50	15.00	12.35
0-7	Curb	4.375	4.189	0.000	0.186	0-6	12.09	10.00	14.30

==========END==========

RECORD DRAWING

This drawing is a compilation of the original sealed engineering drawing and modifications by addenda, change orders and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM USA Group, Inc., TBPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY
T.H. Gaertner, P.E.
TX NO. 37124

NO.	REVISION	BY	DATE
1	WINSTORM OUTPUT	THG	7/02/08

City of Rockwall, Texas

205 BYPASS
PHASE 6

HYDRAULIC DATA
SYSTEM O INLETS

10B OF 10

TCB | AECOM
TCB INC.
WWW.TCB.AECOM.COM
17300 DALLAS PARKWAY, SUITE 1010
DALLAS, TEXAS 75248

Unit	PW-DAL-FW	Scale: Horz: AS SHOWN Vert: AS SHOWN		Date	11/24/2009
Designed	RI	Checked	TCB	Project No.	60004153
Drawn	FG	Approved	TCB	Sheet	77B of 216

p:\4328\60004153-205bypass\cadd\sheets\phase 6 - fm552 to 205\record drawing 10_7_09\068_07TCHydraulicdata-01.dgn
11/24/2009