

LEGEND

B	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FD	FIRE HYDRANT
FD-C	FIRE DEPARTMENT CONNECTION
CO	CLEAN OUT
MH	MANHOLE
GM	GAS METER
TS	TRAFFIC SIGNAL CONTROL
TS-P	TRAFFIC SIGNAL POLE
TS-S	TRAFFIC SIGN
TELE	TELEPHONE BOX
TV	TV BOX
FP	FLAG POLE
---	PROPERTY LINE
---	O.H. POWER LINES
---	U/G TELEPHONE LINES
---	U/G WATER LINES
---	U/G GAS LINES
---	EXISTING CONTOURS
---	PROPOSED CONTOURS
---	PROPOSED DRAINAGE DIVIDES

RECORD DRAWINGS:
 IT WAS THE INTENT THAT THE IMPROVEMENTS SHOWN BE CONSTRUCTED ACCORDING TO THESE PLANS AS APPROVED BY THE CITY. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY INSPECTED THE CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION OTHER THAN THOSE SHOWN. DATE: OCTOBER 10, 2013.

CAUTION!!!
 UNDERGROUND UTILITIES ARE LOCATED IN THIS AREA. 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES, CONTACT US FOR FRANCHISE UTILITY INFO. CALL BEFORE YOU DIG!
 TEXAS EXCAVATION SAFETY SYSTEM (TESS)
 1-800-344-8377
 TEXAS ONE CALL SYSTEMS
 1-800-245-4545
 LONE STAR NOTIFICATION CENTER
 1-800-669-6344 EXT. 5

BENCH MARK LIST:
 BENCHMARK #1
 SQUARE CUT FOUND AT SOUTHWEST CORNER OF WATER VAULT LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF THE EAST RIGHT-OF-WAY LINE OF SH 205 AND THE SOUTH RIGHT-OF-WAY LINE OF FM 552.
 ELEVATION = 443.09
 BENCHMARK #2
 CITY OF ROCKWALL MONUMENT (R010) FOUND.
 ELEVATION = 524.788

NOTES:
 1. DRAINAGE AREA B6A DRAINS TO THE SOUTHEAST CORNER OF THE BUILDING, THROUGH THE COVERED FLUME IN THE SIDEWALK, AND THEN INTO EXISTING INLET 2. THIS INLET HAS SUFFICIENT CAPACITY TO ACCEPT THE ADDITIONAL FLOW AND MAINTAIN A MINIMUM OF 2 FEET OF FREEBOARD AS REQUIRED BY THE CITY OF ROCKWALL ORDINANCES.

Drainage Area Table / Calculations

Drainage Area #	Area (Ac)	Tc (Min)	C	I ₁₀₀ Dev.	Q ₁₀₀	Inlet Type	Inlet Size	Inlet Capacity (CFS)	Description
B5	0.833	10.00	0.90	9.80	7.35	EXIST. CURB	10'	9.36	EXISTING INLET 1
B6A	0.157	10.00	0.90	9.80	1.38	EXIST. CURB	10'	9.36	EXISTING INLET 2
B6B	0.143	10.00	0.90	9.80	1.26	PROP. CURB	5'	4.68	PROPOSED INLET 2
B8	0.506	10.00	0.90	9.80	4.46	EXIST. CURB	10'	9.36	EXISTING INLET 2
D1	1.045	10.00	0.90	9.80	9.22	EXIST. HEADWALL	N/A	N/A	EXISTING TXDOT HEADWALL
D2	0.543	10.00	0.90	9.80	4.79	PROP. CURB	10'	9.36	EX. TXDOT HEADWALL VIA PROP. INLET 1
D7	0.470	10.00	0.90	9.80	4.15	EXIST. HEADWALL	N/A	N/A	EXISTING TXDOT HEADWALL
DUMPSTER	0.005	10.00	0.90	9.80	0.04	NO. 12 GRATE	12"x12"	0.40	PROP. DUMPSTER DRAIN

DRAINAGE CRITERIA - RATIONAL METHOD
 Q = C * I * A, CFS
 C = WEIGHTED RUNOFF COEFFICIENT, DIMENSIONLESS
 I = AVERAGE RAINFALL INTENSITY, IN/HR
 A = DRAINAGE BASIN AREA, ACRES

EXISTING DESIGN FLOW TO TXDOT HEADWALL: 18.17 CFS (2.06 AC) (D1, D2, D7)
 PROPOSED DESIGN FLOW TO TXDOT HEADWALL: 18.16 CFS (2.06 AC) (D1, D2, D7)

EXISTING DESIGN FLOW TO DETENTION POND: 14.11 CFS (1.60 AC) (B5, B6, B8)
 PROPOSED DESIGN FLOW TO DETENTION POND: 14.45 CFS (1.64 AC) (B5, B6A, B6B, B8)

NOTE: DRAINAGE AREAS BASED ON WATERSHED BOUNDARIES ESTABLISHED AS PART OF OVERALL SITE DESIGN. WITH MODIFICATIONS AS NEEDED FOR LOT 4 DEVELOPMENT.

FRANCHISE UTILITY NOTES:
 1. TXU ENERGY CONSTRUCTION SERVICES - (800) 711-9112
 2. AT&T ENERGY (GAS) - 903-457-2092 - DINAH WOOD
 3. AT&T (PHONE) - 903-457-2092 - DWAYNE WELLS

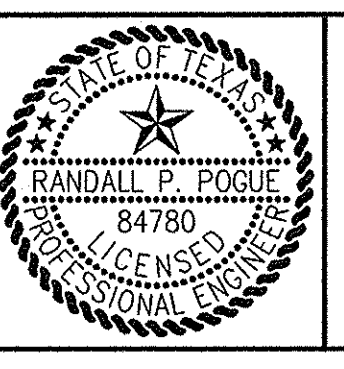
RECORD DRAWINGS			
REVISED ROOF DRAINAGE DESIGN			
NO.	DATE	DESCRIPTION	PI NUMBER
DESIGN	DRAWN	DATE	PI NUMBER
RPP	RND	10-10-2013	1393-12-073

PROJECT INFORMATION
 STONE CREEK RETAIL ADDITION
 BLOCK A, LOT 4, STONE CREEK RETAIL ADDITION
 CITY OF ROCKWALL, TEXAS
 W.T. DEWEESE SURVEY, ABSTRACT NO. 71
 PROPOSED USE: RETAIL
 ZONING: PD-70

OWNER/DEVELOPER
 METROPLEX ACQUISITION FUND, L.P.
 15150 PRESTON ROAD, SUITE 210
 DALLAS, TEXAS 75248
 MR. GREY STOGNER
 (214) 343-4477 PHONE
 (214) 340-2029 FAX

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M.P.P. 3.1.13



POGUE
 ENGINEERING & DEVELOPMENT COMPANY, INC.
 1512 BRAY CENTRAL DRIVE (214) 544-8880 PHONE
 SUITE 100 (214) 544-8882 FAX
 MCKINNEY, TEXAS 75069
 TX BOARD PROF. ENGINEERS, CERT. #00481; TX BOARD PROF. LAND SURVEYING, CERT. 100421-00

DRAINAGE AREA MAP
 STONE CREEK RETAIL ADDITION
 BLK A, LOT 4, STONE CREEK RETAIL ADD'N
 W.T. DEWEESE SURVEY, ABSTRACT NO. 71
 CITY OF ROCKWALL, TEXAS

SHEET NO. C2.01

RECORDS 10/10/2013 - 3:04PM
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STONE CREEK RETAIL ADDITION