

FRANCHISE UTILITY NOTES:
 1. TXU ELECTRIC - (972) 771-3979 - JOE PECINA
 2. ATMOS ENERGY (GAS) - (972) 485-8277 - MS. DINAH WOOD
 3. SBC - (803) 457-2092 - CAROLYN NAYLOR
 4. CHARTER COMM. (CABLE) - (617) 509-8272 x6896 - HECTOR ELIZONDO

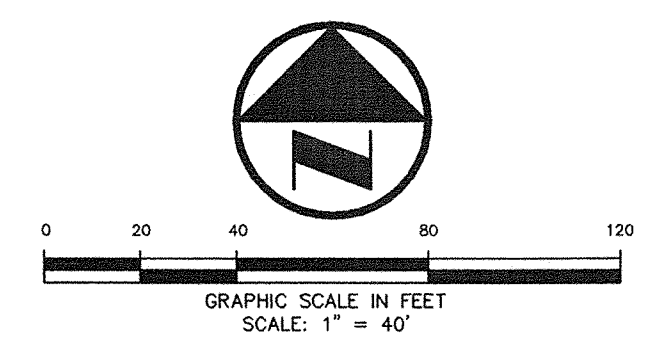
CAUTION!!!
 UNDERGROUND UTILITIES ARE LOCATED IN THIS AREA. 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES, CONTACT LOCAL FRANCHISE UTILITY INFO. CALL BEFORE YOU DIG!
 TEXAS EXCAVATION SAFETY SYSTEM (TESS)
 1-800-344-8377
 TEXAS ONE CALL SYSTEMS
 1-800-245-4545
 LONE STAR NOTIFICATION CENTER
 1-800-669-8344 EXT. 5

BEFORE YOU DIG...

BENCH MARK LIST:

BENCHMARK #1
 X-CUT FOUND ON THE TOP OF CURB OF THE SOUTHERN CURB RETURN AT EAST SIDE OF INDUSTRIAL BLVD. 590± SOUTH FROM CENTERLINE OF RAILROAD. ELEVATION = 564.27

BENCHMARK #2
 X-CUT SET AT THE SOUTHEAST CORNER OF CURB INLET LOCATED IN NORTH SIDE OF JUSTIN ROAD 40± WEST OF SOUTHWEST CORNER OF SITE. ELEVATION = 574.35



LEGEND

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

Drainage Area Table / Calculations

Drainage Area #	Area (Ac)	To (Min)	C Dev	I ₁₀₀ Dev	C ₁₀₀	C Pre-Dev	I ₁₀₀ Pre-Dev	C ₁₀₀ Pre-Dev	Description
A1	0.320	10.00	0.90	9.80	2.82	0.35	8.25	0.92	10' Curb Inlet
A2	0.350	10.00	0.90	9.80	2.91	0.35	8.25	0.95	4' X 4' Drop Inlet
A3	0.710	10.00	0.90	9.80	6.26	0.35	8.25	2.05	10' Curb Inlet
A4	0.780	10.00	0.90	9.80	6.88	0.35	8.25	2.25	10' Curb Inlet
A5A	2.358	10.00	0.90	9.80	20.80	0.35	8.25	6.81	10' Curb Inlet
A5	0.250	10.00	0.90	9.80	2.56	0.35	8.25	0.84	Road Collection
A7	0.170	10.00	0.90	9.80	1.50	0.35	8.25	0.49	Road Collection
B1	0.640	10.00	0.90	9.80	5.84	0.35	8.25	1.85	10' Curb Inlet
B2	0.211	10.00	0.90	9.80	1.86	0.35	8.25	0.61	15' Curb Inlet
B3A	0.388	10.00	0.90	9.80	3.25	0.35	8.25	1.07	Grate Inlet
B3B	2.943	10.00	0.90	9.80	25.99	0.35	8.25	8.50	5' X 5' Drop Inlet
B3C	0.285	10.00	0.90	9.80	2.51	0.35	8.25	0.82	10' Curb Inlet
C1	0.030	10.00	0.90	9.80	0.26	0.35	8.25	0.09	To Justin Road
C2	0.020	10.00	0.90	9.80	0.18	0.35	8.25	0.06	To Industrial Boulevard
C3	0.010	10.00	0.90	9.80	0.09	0.35	8.25	0.03	To Industrial Boulevard
D1	0.700	10.00	0.90	9.80	6.17	0.35	8.25	2.02	Detention Pond
CS1	0.600	10.00	0.90	9.80	5.29	0.35	8.25	1.73	Grate Inlet
A-9ii	2.850	10.00	0.90	9.80	25.14	0.35	8.25	8.23	4' X 4' Drop Inlet-Justin Rd
A-10i	4.490	10.00	0.90	9.80	39.60	0.35	8.25	12.96	10' Curb Inlet-Line ST-2
A-10ii	1.310	10.00	0.90	9.80	11.55	0.35	8.25	3.78	4' X 4' Drop Inlet-Justin Rd
A-10iii	2.070	10.00	0.90	9.80	18.26	0.35	8.25	5.98	10' Curb Inlet-Line ST-2

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

Notes:
 1. Areas that are being subdivided from the original areas for SPR Packaging as prepared by Pogue Engineering & Development Company, Inc., dated 1-29-07.
 2. Detention for Block A, Lot 1, SPR Packaging Addition has been provided within the Phase 1 plans as prepared by Pogue Engineering & Development Company, Inc., dated 1-29-07.

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. THE ENGINEER DID NOT VERIFY LINES OR GRADES AFTER CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION OTHER THAN THOSE SHOWN. DATE: SEPTEMBER 27, 2011.

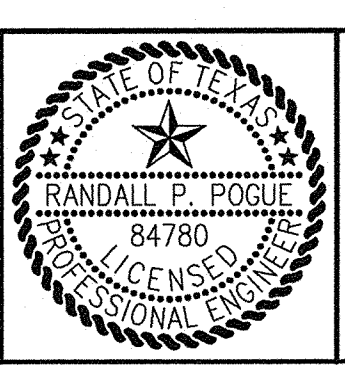
09-27-11	RECORD DRAWINGS		
05-24-11	RFI #6 (ST-2; DELETED RADIUS PIPE)		
05-17-11	COORDINATION AROUND 20" TREE		
NO.	DATE	REVISION / DESCRIPTION	
DESIGN	DRAWN	DATE	PI NUMBER
RPP	WTW	03-07-2011	1312-10-069

OWNER
 FLEXLAND, L.P.
 1480 JUSTIN ROAD
 ROCKWALL, TEXAS 75087
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 (469) 252-1070 PHONE
 (469) 252-1069 FAX

DEVELOPER
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 ROCKWALL, TEXAS 75087
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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY RANDALL P. POGUE, P.E. 04780 ON 07-27-2011. ALTERATION OF A SEALED DOCUMENT WITHOUT PRIOR NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

M.P.P. 7-11



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 (214) 544-8880 PHONE
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 www.PogueEngineering.com

DRAINAGE AREA MAP
 SPR PACKAGING - EXPANSION
 BLOCK A, LOT 2, SPR PACKAGING ADDITION
 NWC OF INDUSTRIAL BLVD. @ JUSTIN ROAD
 CITY OF ROCKWALL, TEXAS

SHEET NO. **C2.01**

RPP09E 09/27/2011 - 1:50PM

TEXAS BOARD OF PROFESSIONAL ENGINEERS, CERTIFICATE OF REGISTRATION #00481; TEXAS BOARD OF PROFESSIONAL LAND SURVEYING, CERTIFICATE OF REGISTRATION 100421-00