

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING GROUND GRADES PRIOR TO COMMENCING CONSTRUCTION AND THE DEPTH AND LOCATIONS OF AND PROTECTING ALL EXISTING SERVICE LINES, OR OTHER PROPERTY CROSSED OR EXPOSED BY HIS CONSTRUCTION OPERATIONS. WHERE EXISTING UTILITIES OR SERVICE LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL REPLACE OR REPAIR THE UTILITIES OR SERVICE LINES WITH THE SAME TYPE OF ORIGINAL MATERIAL AND CONSTRUCTION, OR BETTER, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS, AT HIS OWN COST AND EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THE DAMAGED UTILITY OR SERVICE LINE. HE SHALL COOPERATE WITH THE OWNERS OF ALL UTILITIES TO LOCATE EXISTING UNDERGROUND FACILITIES AND IMMEDIATELY NOTIFY THE ENGINEER AT ONCE OF ANY CONFLICTS IN GRADES AND ALIGNMENT.

DRAINAGE ANALYSIS COMPUTATIONS: PRE-DEVELOPMENT													
AREA	ACRE	C	CA	Tc (min)	10YEAR (in/hr)	Q 10YEAR (cfs)	25YEAR (in/hr)	Q 25YEAR (cfs)	50YEAR (in/hr)	Q 50YEAR (cfs)	100YEAR (in/hr)	Q 100YEAR (cfs)	COMMENTS
DA-1	1.07	0.35	0.37	20	5.9	2.21	6.7	2.51	7.5	2.81	8.3	3.10	
OFF-1	0.85	0.90	0.77	10	9.8	7.50	9.8	7.50	9.8	7.50	9.8	7.50	

DRAINAGE ANALYSIS COMPUTATIONS: POST-DEVELOPMENT													
AREA	ACRE	C	CA	Tc (min)	10YEAR (in/hr)	Q 10YEAR (cfs)	25YEAR (in/hr)	Q 25YEAR (cfs)	50YEAR (in/hr)	Q 50YEAR (cfs)	100YEAR (in/hr)	Q 100YEAR (cfs)	COMMENTS
DA-1	1.07	0.90	0.96	20	5.9	5.68	6.7	6.45	7.5	7.22	8.3	7.99	
OFF-1	0.85	0.90	0.77	10	9.8	7.50	9.8	7.50	9.8	7.50	9.8	7.50	

LEGEND	
DA-1	DRAINAGE AREA
0.65	ACREAGE
	PROP. FLOW ARROW
667.70	EXISTING SPOT ELEVATION
	EXISTING CONTOURS
	PROPOSED CONTOURS
	EXISTING FLOW ARROWS
	DETENTION AREA

ALL DIMENSIONS ARE TO FACE OF CURB
 ALL WATER LINES SHALL BE CLASS 200 DR14
 SIGN TO MEET CITY OF ROCKWALL STANDARDS AND SPECIFICATIONS.
 SIGN PERMIT TO BE OBTAINED FROM THE CITY OF ROCKWALL PRIOR TO CONSTRUCTION OF SIGN

RECORD DRAWING
CHICKEN EXPRESS
 LOT 2A-1, BLOCK A,
 BRAUM'S ADDITION
 CITY OF ROCKWALL

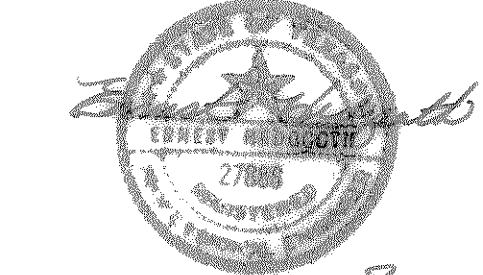
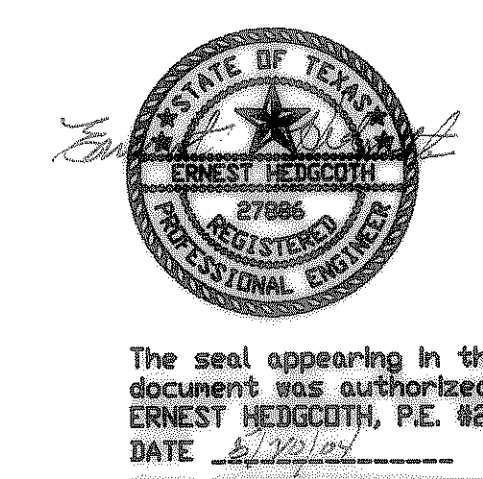
OWNER/DEVELOPER
 LONE STAR CHICKEN, L.P.
 12502 RICHOK DR, GARLAND, TEXAS 75044
 TEL: 972 495 3546 CONTACT: JOHN MCKENZIE

DRAINAGE PLAN

ERNEST HEDGCOTH
 CONSULTING ENGINEERS, INC.
 5701-C MIDWAY ROAD, FORT WORTH, TX 78117
 TEL: 817 831 7711, FAX 817 831 8388

Job No 2003-123 Design: VKM
 Date: 5/13/04 Draft: VKM
 Scale: 1" = 20' Review: EH

SHEET 3 OF



10-5-04 Record Drawing

BRAUM'S ADDITION - 2003-123