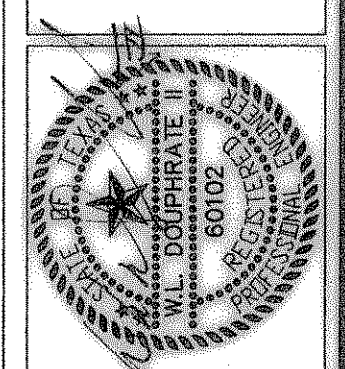


RECORD DRAWINGS:

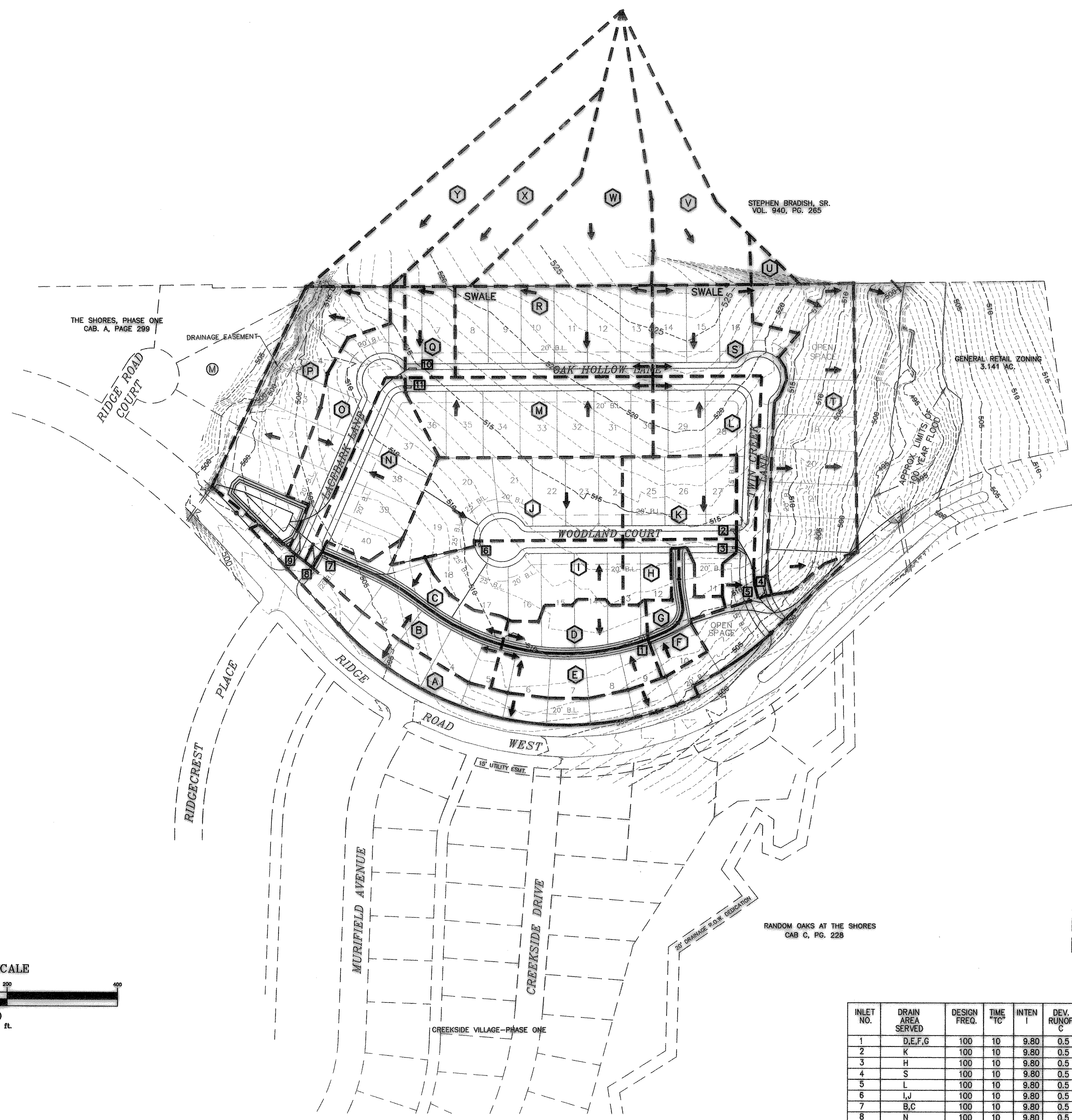
THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THESE FACILITIES ACCORDING TO THESE PLANS AS APPROVED BY THE CITY OF ROCKWALL. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY OF ROCKWALL INSPECTED THE CONSTRUCTION. THE OWNER NOR ENGINEER DID NOT VERIFY LINES OR GRADES AFTER CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THE BOARD OF PROFESSIONAL ENGINEERS IN TEXAS P.E. NO. 60102 ON 4/4/00

DOUPHRAFE & ASSOCIATES, INC.
ENGINEERING • PROJECT MANAGEMENT • SURVEYING
2231 RIDGE RD., # 200 ROCKWALL, TEXAS 75087
PHONE: (972)771-9004 FAX: (972)771-9005

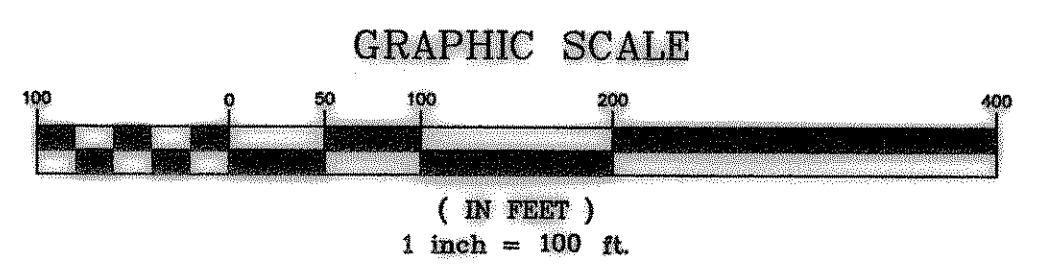
**DRAINAGE AREA PLAN
CREEKSIDE VILLAGE, PHASE II
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS**



DRAINAGE TABLE

AREA	ACRES	C	I ₁₀₀	Q ₁₀₀
A	1.39	.50	9.8	6.81
B	0.61	.50	9.8	2.99
C	0.36	.50	9.8	1.76
D	0.45	.50	9.8	2.21
E	0.53	.50	9.8	2.60
F	0.26	.50	9.8	1.27
G	0.12	.50	9.8	0.59
H	0.39	.50	9.8	1.91
I	0.93	.50	9.8	4.56
J	1.36	.50	9.8	6.66
K	0.72	.50	9.8	3.53
L	0.90	.50	9.8	4.41
M	1.42	.50	9.8	6.96
N	0.94	.50	9.8	4.61
O	0.84	.50	9.8	4.12
P	1.36	.50	9.8	6.66
Q	0.45	.50	9.8	2.21
R	1.37	.50	9.8	6.71
S	1.05	.50	9.8	5.14
T	1.84	.50	9.8	9.01
U	0.09	.35	8.3	0.26
V	1.04	.35	8.3	3.02
W	1.46	.35	8.3	4.24
X	0.86	.35	8.3	2.60
Y	1.35	.35	8.3	3.92

STATE HIGHWAY NO. 205



INLET CALCULATION CHART

INLET NO.	DRAIN AREA SERVED	DESIGN FREQ.	TIME TO C	INTEN I	DEV. RUNOFF C	DRAIN AREA	DEV. Q	BYPASS FROM INLET	TOTAL Q	GUTTER CAP	GUTTER SLOPE	CROWN TYPE	LENGTH INLET	TYPE	BYPASS TO NEXT INLET
1	D,E,F,G	100	10	9.80	0.5	1.36	6.6	---	6.6	20	2.69	INV	5	SAG	---
2	K	100	10	9.80	0.5	0.72	3.5	---	3.5	22	3.83	PARA	8	CURB	---
3	H	100	10	9.80	0.5	0.39	1.9	---	1.9	22	3.83	PARA	5	CURB	---
4	S	100	10	9.80	0.5	1.05	5.14	---	5.14	20	3.20	PARA	5(2)	CURB	---
5	L	100	10	9.80	0.5	0.90	4.4	---	4.4	20	3.20	PARA	8	CURB	---
6	I,J	100	10	9.80	0.5	2.29	11.22	---	11.22	12	1.30	PARA	6	SAG	---
7	B,C	100	10	9.80	0.5	0.97	4.75	1.33	5.93	36	3.72	INV	3	GRATE COMBO	1.33
8	N	100	10	9.80	0.5	0.94	4.60	---	4.60	17	2.21	PARA	8	CURB	---
9	O	100	10	9.80	0.5	0.84	4.11	---	4.11	17	2.21	PARA	8	CURB	---
10	Q,R	100	10	9.80	0.5	1.82	8.92	---	8.92	17	2.21	PARA	14	CURB	---
11	M	100	10	9.80	0.5	1.42	6.96	---	6.96	17	2.21	PARA	14	CURB	---

RANDOM OAKS AT THE SHORES
CAB C, PG. 228

CREEKSIDE VILLAGE-PHASE ONE

REVISION

W.L.D.
CHECKED

K.E.B.
DRAWN

4/4/00
DATE

9960 DAM
PROJECT

4
OF
21