

WARNING
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-345-4445) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DETERMINING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LAKE 1127' NORTH OF BROOKHAVEN CLUB DRIVE.

BM #2 REF. ELEVATION = 547.84
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF BROOKHAVEN CLUB DRIVE AND MARSH LAKE.

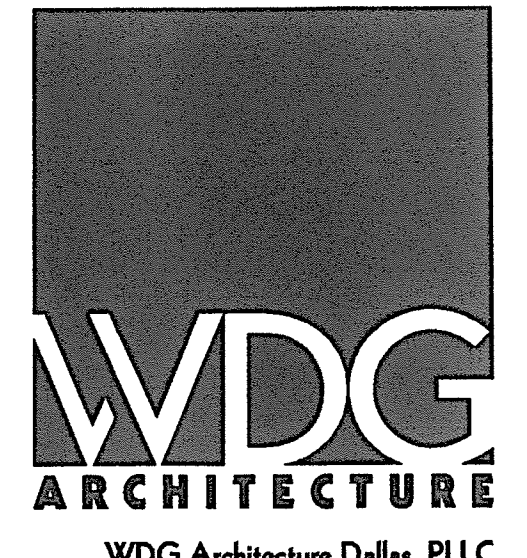
LEGEND

--- DRAINAGE AREA DESIGNATION
 - - - - - DRAINAGE AREA BOUNDARY
 - - - - - DRAINAGE AREA SUB DIVIDE
 --- DIRECTION OF FLOW

B26A

DRAINAGE AREA CALCULATIONS - PROPOSED PHASE 1 - SOUTH

AREA NO.	AREA (acres)	RUNOFF COEFF.	CA	Q ₁ (cfs)	Q ₂ (cfs)	Q ₃ (cfs)	Q ₄ (cfs)	Q ₅ (cfs)	Q ₆ (cfs)	Q ₇ (cfs)	Q ₈ (cfs)	Q ₉ (cfs)	Q ₁₀ (cfs)	COLLECTION POINT	
B26A	0.26	0.90	0.23	10.0	5.2	1.2	5.9	1.4	6.5	1.5	7.4	1.7	8.2	1.8	ROOF DRAINS
B26B	0.25	0.90	0.23	10.0	5.2	1.2	5.9	1.3	6.5	1.5	7.4	1.7	8.2	1.8	ROOF DRAINS
0.5				2.4	2.7			3.0		3.4		3.7		4.1	OFFSITE B1.2
C30A	0.23	0.90	0.21	10.0	5.2	1.1	5.9	1.2	6.5	1.3	7.4	1.5	8.2	1.7	AREA DRAINS
C30B	0.08	0.90	0.07	10.0	5.2	0.4	5.9	0.4	6.5	0.5	7.4	0.5	8.2	0.6	AREA DRAINS
C30C	0.20	0.90	0.18	10.0	5.2	0.9	5.9	1.1	6.5	1.2	7.4	1.3	8.2	1.5	AREA DRAINS
C30D	0.24	0.90	0.22	10.0	5.2	1.1	5.9	1.3	6.5	1.4	7.4	1.6	8.2	1.8	AREA DRAINS
C30E	0.17	0.90	0.15	10.0	5.2	0.8	5.9	0.9	6.5	1.0	7.4	1.1	8.2	1.2	AREA DRAINS
C30F	0.17	0.90	0.15	10.0	5.2	0.8	5.9	0.9	6.5	1.0	7.4	1.1	8.2	1.2	AREA DRAINS
C30G	0.28	0.90	0.23	10.0	5.2	1.2	5.9	1.4	6.5	1.5	7.4	1.7	8.2	1.9	AREA DRAINS
C30H	0.41	0.90	0.37	10.0	5.2	1.9	5.9	2.2	6.5	2.4	7.4	2.7	8.2	3.0	AREA DRAINS
C30I	0.36	0.90	0.32	10.0	5.2	1.7	5.9	1.9	6.5	2.1	7.4	2.4	8.2	2.6	AREA DRAINS
C30J	0.22	0.90	0.20	10.0	5.2	1.0	5.9	1.2	6.5	1.3	7.4	1.5	8.2	1.6	AREA DRAINS
C30K	0.16	0.90	0.14	10.0	5.2	0.8	5.9	0.8	6.5	0.9	7.4	1.1	8.2	1.3	AREA DRAINS
2.5				11.8	13.2			14.5		16.7		18.4		20.0	
D5A	0.23	0.90	0.21	10.0	5.2	1.1	5.9	1.2	6.5	1.3	7.4	1.5	8.2	1.7	AREA DRAINS
D5B	0.13	0.90	0.12	10.0	5.2	0.6	5.9	0.7	6.5	0.8	7.4	0.9	8.2	1.0	AREA DRAINS
D5C	0.07	0.90	0.06	10.0	5.2	0.3	5.9	0.4	6.5	0.4	7.4	0.5	8.2	0.6	AREA DRAINS
D5D	0.43	0.90	0.39	10.0	5.2	2.0	5.9	2.3	6.5	2.5	7.4	2.9	8.2	3.4	AREA DRAINS
0.9				4.0	4.6			5.0		5.8		6.3		6.9	OFFSITE D1.6



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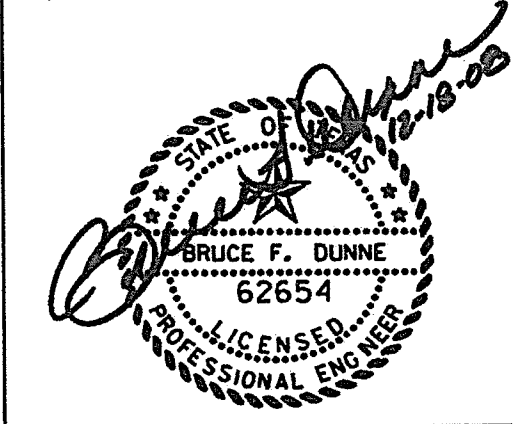
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Vitruvian Park Phase I South
 Brookhaven Club Drive
 Addison, Texas

REVISION NO 1 12/18/08
 CONSTRUCTION 10/19/08
 PERMIT 7/21/08



WDG Project No: DA07008

DRAINAGE AREA MAP

Date: 6/27/08
 Scale: As Noted

C4.0

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