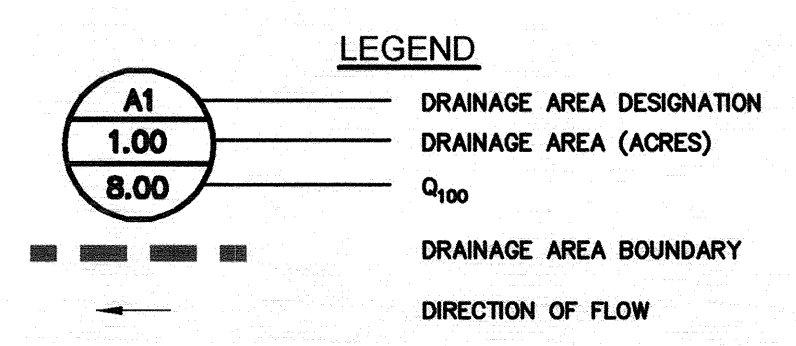


**CAUTION !!**  
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. BURY & PARTNERS IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.



**DRAINAGE AREA CALCULATIONS**

DRAINAGE AREA	AREA (ACRES)	T <sub>c</sub> (MIN)	C (ULT.)	I <sub>100</sub> (IN/HR)	Q <sub>100</sub> (CFS)
A1	0.29	10	0.90	9.80	2.56
A2	0.04	10	0.90	9.80	0.35
A3	0.14	10	0.90	9.80	1.23
B1	0.32	10	0.90	9.80	2.82
C1	0.05	10	0.90	9.80	0.44
C2	0.09	10	0.90	9.80	0.79
D1	0.99	10	0.90	9.80	8.73
D2	0.13	10	0.90	9.80	1.15
D3	0.22	10	0.90	9.80	1.94
D4	0.25	10	0.90	9.80	2.21
E1	0.21	10	0.90	9.80	1.85
E2	0.07	10	0.90	9.80	0.62
E3	0.30	10	0.90	9.80	2.65
E4	0.06	10	0.90	9.80	0.53
E5	0.06	10	0.90	9.80	0.53
E6	0.03	10	0.90	9.80	0.28
F1	0.18	10	0.90	9.80	1.58
F2	0.44	10	0.90	9.80	3.88
F3	0.39	10	0.90	9.80	3.44
F4	1.70	10	0.90	9.80	14.99
F5	0.25	10	0.90	9.80	2.21
G1	0.43	10	0.90	9.80	3.79
G2	1.10	10	0.90	9.80	9.70
G3	0.35	10	0.90	9.80	3.09
G4	0.05	10	0.90	9.80	0.44
G5	0.53	10	0.90	9.80	4.67
G6	0.41	10	0.90	9.80	3.62
H1	0.32	10	0.90	9.80	2.82
I1	0.89	10	0.90	9.80	7.85
OS-1	0.35	10	0.90	9.80	3.09
OS-2	0.55	10	0.90	9.80	4.85
OS-3	0.55	10	0.90	9.80	4.85
OS-4	0.70	10	0.90	9.80	6.17
OS-5	0.53	10	0.90	9.80	4.67

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

**CITY OF ROCKWALL CONTROL MONUMENT RESET #1 = 557.70'**  
 CONCRETE MONUMENT WITH BRASS CAP STAMPED RESET #1, CITY OF ROCKWALL. THE MONUMENT IS LOCATED IN GREEN AREA SEPARATING A BANK AND AN OFFICE BUILDING, IN THE SOUTH RIGHT OF WAY LINE OF SUMMER LEE DRIVE, 272'± WEST OF THE CENTERLINE INTERSECTION OF RIDGE ROAD (FM 740) WITH SUMMER LEE DRIVE, AND 120'± SOUTHEAST OF THE CENTERLINE INTERSECTION OF LAGO VISTA AND SUMMER LEE DRIVE.

**BM #1 = 554.30'**  
 SQUARE CUT ON THE CENTER OF A CURB INLET ON THE SOUTH SIDE OF EASTBOUND SERVICE ROAD FOR INTERSTATE HIGHWAY 30, 925'± WEST OF THE INTERSECTION OF INTERSTATE HIGHWAY 30 EASTBOUND SERVICE ROAD WITH THE SOUTHWEST RIGHT OF WAY LINE STATE HIGHWAY 205.

**BM #2 = 542.89'**  
 "X" CUT IN CONCRETE OF A PARKING ISLAND 1460'± SOUTHWEST FROM THE CENTERLINE INTERSECTION OF THE EASTBOUND SERVICE ROAD OF INTERSTATE HIGHWAY 30 AND STATE HIGHWAY 205, AND 630'± SOUTHWEST FROM THE SOUTH RIGHT OF WAY OF THE EASTBOUND SERVICE ROAD OF INTERSTATE HIGHWAY 30. THE "X" IS IN THE CENTER OF THE EASTERMOST PARKING ISLAND OF THE MAIN CONCOURSE OF PARKING ISLANDS, HAVING ARBORS AND 4220'± NORTH OF THE MAIN BUILDINGS WITH STAPLES OFFICE SUPPLY WHICH IS IN BETWEEN THE DICKS SPORTING GOODS AND JC PENNY.

**RECORD DRAWINGS:**  
 THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THE FACILITIES ACCORDING TO THESE PLANS AS APPROVED BY THE CITY OR GOVERNING AUTHORITY. TO THE BEST OF THE ENGINEERS KNOWLEDGE THE PLANS REFLECT REVISIONS MADE DURING CONSTRUCTION BASED ON A VISUAL SITE OBSERVATION BY THE ENGINEER AND INFORMATION PROVIDED BY:  
 W.B. KIBLER CONSTRUCTION CO, LTD  
 9722 ABERNATHY  
 DALLAS, TEXAS 75220  
 CONTACT: PHIL GULSVIG

ARCHITECT:  
**RUNYON Architects AND ASSOCIATES INC.**  
 2508 HIGHLANDER WAY, SUITE 100  
 CARROLLTON, TEXAS 75006  
 972-233-7705  
 WWW.RUNYONARCH.COM

M.E.P. ENGINEER:  
**ROBERT D. ANDERSON, INC.**  
 11836 Judd Court, Inc.  
 Dallas, Texas 75243  
 T 972.669.0915 F 972.669.0917

LANDSCAPE ARCHITECT:  
**T.H. PRITCHETT / Associates**  
 Landscape Architects  
 1218 Camino Lago  
 Irving, Texas 75039  
 T 972.869.3535 F 214.697.2580

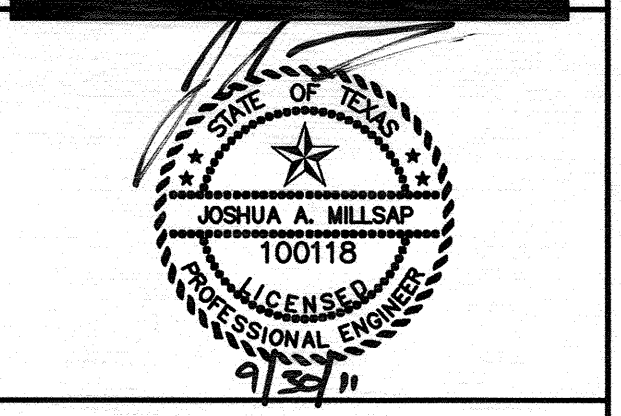
STRUCTURAL ENGINEER:  
**HUNT & JOINER**  
 1825 Market Center Blvd.  
 Suite 620  
 Dallas, Texas 75207  
 T 214.760.7000 F 214.760.7050

CIVIL ENGINEER:  
**Bury + Partners**  
 ENGINEERING SOLUTIONS  
 5310 Harvest Hill Road, Suite 100  
 Dallas, Texas 75230  
 Tel. (972)991-0011 Fax (972)991-0278  
 Texas Registration #P-1048

**ROCKWALL PLAZA  
 PHASE II  
 SHELL BUILDINGS 10-15  
 ROCKWALL, TEXAS 75087**

ISSUE	DATE	DESCRIPTION
12	JAM 05/24/11	AS BUILT DRAWINGS
13	JAM 09/29/11	OLIVE GARDEN
14	JAM 09/30/11	AS BUILT DRAWINGS (OLIVE GARDEN DRAINAGE)

RAA Project # : 1010  
 Project Manager : MWL



C4.1a  
 DRAINAGE AREA MAP