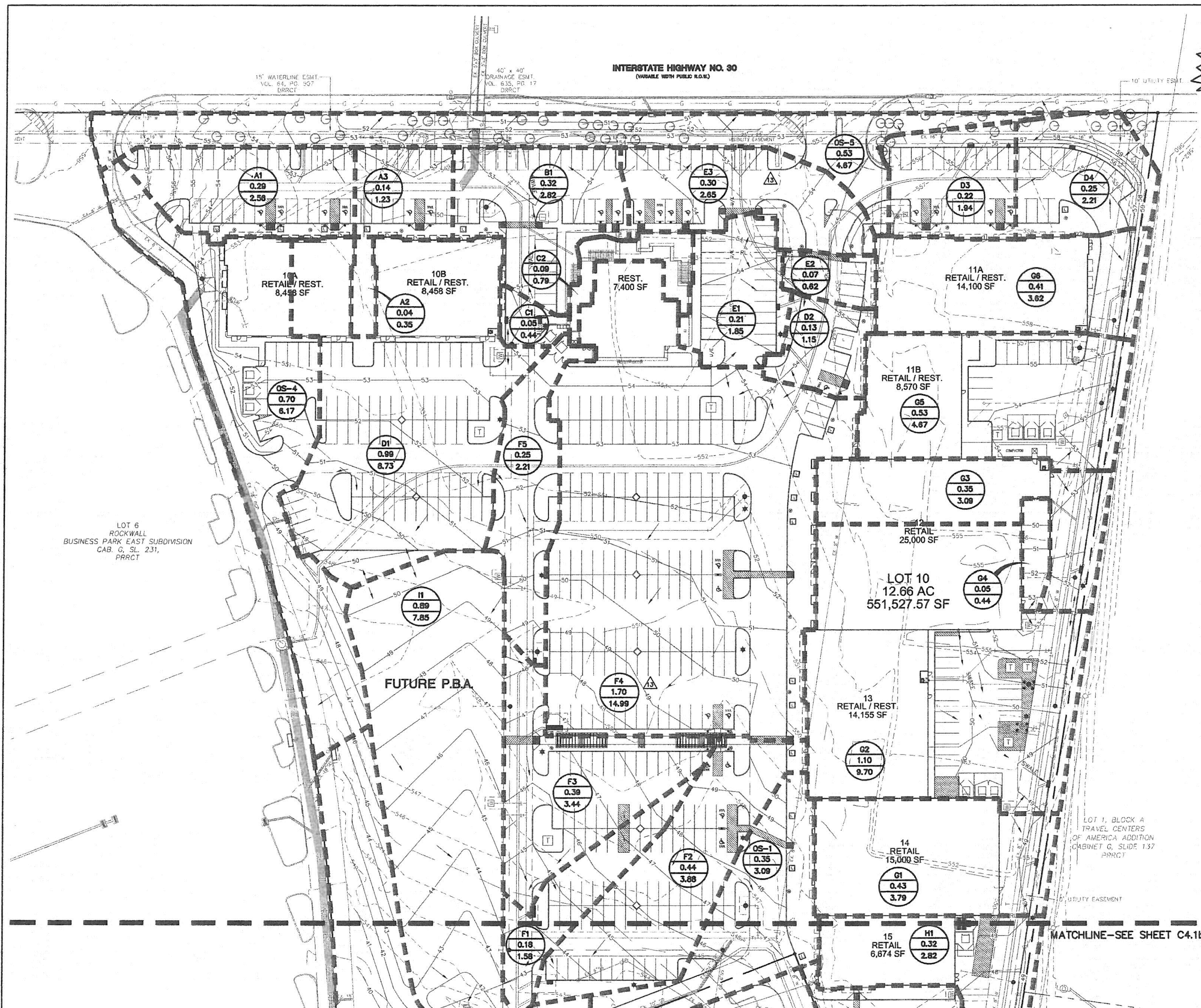
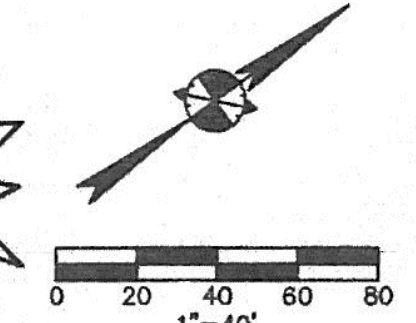


NOTE: INFORMATION ON THIS SHEET AND OTHER SHEETS THROUGHOUT THIS PLAN SET IS PART OF A UNIFIED DESIGN. THE CONTRACTOR SHALL NOT SEPARATE DRAWINGS FROM THE SET FOR DISTRIBUTION TO SPECIFIC DISCIPLINES. EACH SUBCONTRACTOR SHALL BE PROVIDED WITH ALL SHEETS WITHIN THIS PLAN SET.



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.



LEGEND

A1	1.00	DRAINAGE AREA DESIGNATION
1.00	8.00	DRAINAGE AREA (ACRES)
---	---	DRAINAGE AREA BOUNDARY
---	---	DIRECTION OF FLOW

DRAINAGE AREA CALCULATIONS

DRAINAGE AREA	AREA (ACRES)	Tp (MIN)	C (ULT.)	100 (IN/HR)	Q100 (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
E8	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	3.68
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 (CA 740) WITH SUMMER LEE DRIVE, AND 120'± SOUTHEAST OF THE CENTERLINE INTERSECTION OF LAO VISTA AND SUMMER LEE DRIVE.

BM #1 = 554.30'
 SQUARE OUT ON THE CENTER OF A CURB INLET ON THE SOUTH SIDE OF EASTBOUND SERVICE ROAD FOR INTERSTATE HIGHWAY 30, 925'± SOUTHWEST 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 830'± 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 420'± NORTH OF THE MAIN BUILDINGS WITH STABLES OFFICE SUPPLY WHICH IS IN BETWEEN THE DICKS SPORTING GOODS AND JC PENNY.

REFERENCE TOPOGRAPHIC SURVEY FOR LOT 6, ROCKWALL BUSINESS PARK EAST SUBDIVISION, PROJECT NUMBER 1W0001, PREPARED BY JBI PARTNERS DATED FEBRUARY 2009.

RECORD DRAWING
 TO THE BEST OF OUR KNOWLEDGE, BANNISTER ENGINEERING, LLC, HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR. IN THE EVENT THAT THE ORIGINAL DESIGN WAS MODIFIED IN THE FIELD WITHOUT THE ENGINEER'S KNOWLEDGE, THE SEAL OR SIGNATURE ON THIS DRAWING IS NOT INTENDED TO INDICATE THE ENGINEER'S APPROVAL OR ACCEPTANCE OF ANY SUCH DEVIATIONS FROM THE DESIGN.

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

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

RAA Project #: 1010
 Project Manager: MWL

C4.1a
 DRAINAGE AREA MAP



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Date	Issue
9-26-2014	BD/PERMIT
11-07-2014	CITY COMMENTS
12-04-2014	CITY COMMENTS

Drawn By:
 Project No.: 14389

EXISTING DRAINAGE AREA MAP
 RETAIL BUILDING
 PLAZA AT ROCKWALL SHOPPING CENTER
 INTERSTATE HIGHWAY 30
 ROCKWALL, TX



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