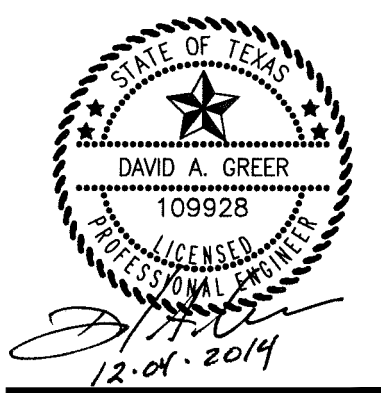


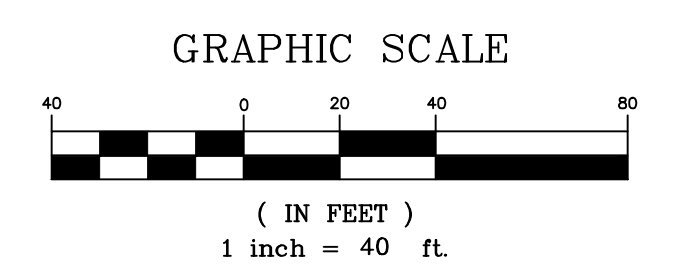
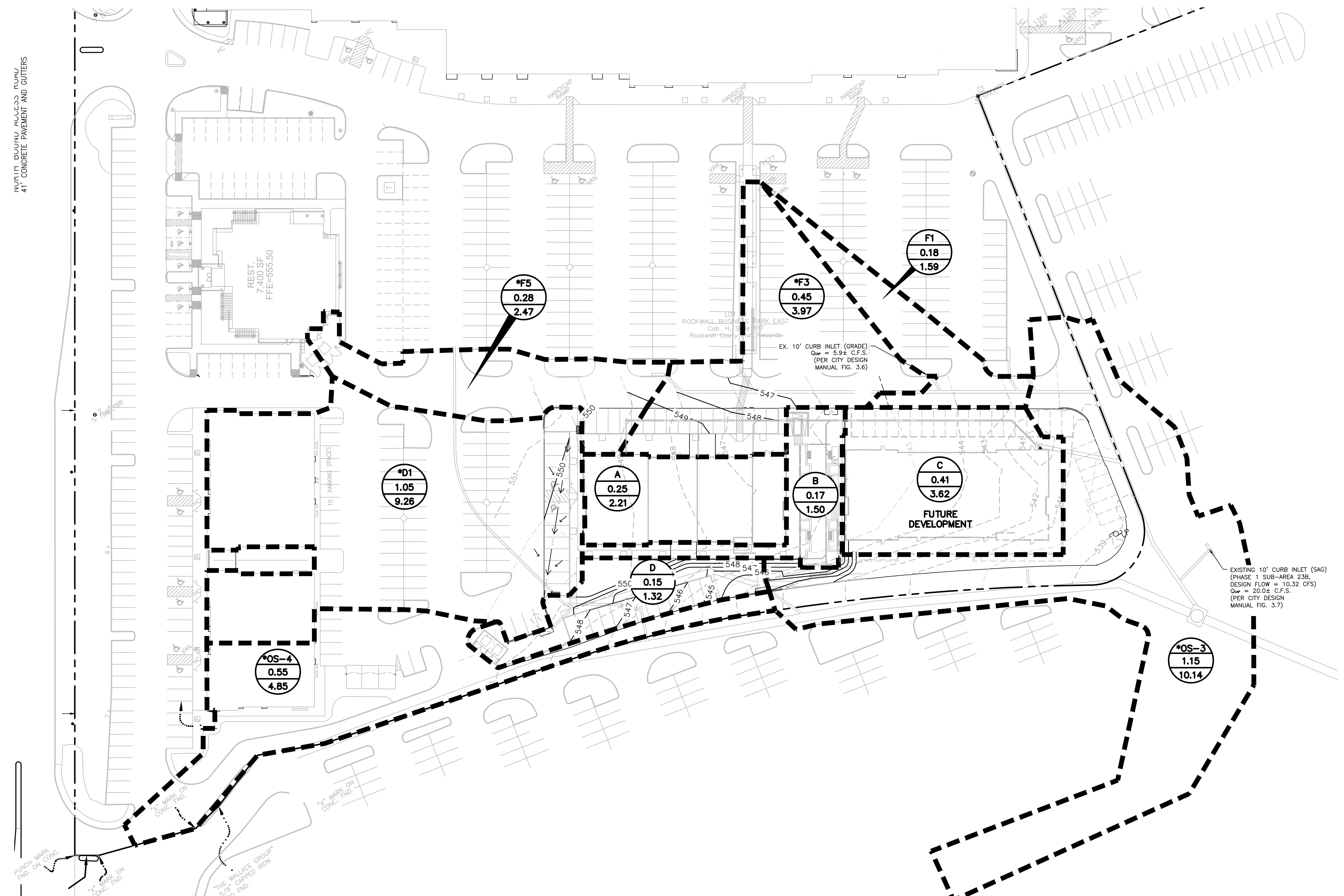
NOTE: INFORMATION ON THIS SHEET AND OTHER SHEETS THROUGHOUT THIS PLAN SET IS PART OF A UNIFIED DESIGN. THE CONTRACTOR SHALL NOT SEPARATE DRAWINGS FROM THE SET FOR DISTRIBUTION TO SPECIFIC DISCIPLINES. EACH SUBCONTRACTOR SHALL BE PROVIDED WITH ALL SHEETS WITHIN THIS PLAN SET.



Design and construction documents as instruments of service are given in confidence and remain the property of Herschman Architects. The use of this design and these construction documents for purposes other than the specific project named herein is strictly prohibited without expressed written consent of Herschman Architects, Incorporated.

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

Drawn By: _____
Project No.: 14389



LEGEND

- 550 — PROPOSED CONTOUR
- - - 550 - - - EXISTING CONTOUR
- - - - - AREA DIVIDE
- (A-1) 0.03 0.26 DRAINAGE AREA LABEL
- DIRECTION OF FLOW

NOTES

1. CONTRACTOR SHALL REFERENCE GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION. INFORMATION ON THE GENERAL NOTES SHEET IS PART OF A UNIFIED DESIGN AND IS PERTINENT TO THIS PLAN SHEET.

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 ACCURACY OF DESIGN.

DRAINAGE CALCULATIONS

PROPOSED RUNOFF						
DRAINAGE AREA	AREA (ACRES)	C	CA	Tc (MIN)	Q100 (CFS)	NOTES (DRAINAGE AREA)
*D1	1.05	0.9	0.95	10	9.800	9.26 TO EXISTING 10' CURB INLET (*D1)
F1	0.18	0.9	0.21	10	9.800	1.59 TO EXISTING 10' CURB INLET (F1)
*F3	0.45	0.9	0.41	10	9.800	3.97 TO EXISTING 10' CURB INLET (*F3)
*F5	0.28	0.9	0.25	10	9.800	2.47 TO EXISTING 5' CURB INLET (*F5)
*OS-3	1.15	0.9	1.04	10	9.800	10.14 TO EXISTING 10' CURB INLET (*OS-3)
*OS-4	0.55	0.9	0.50	10	9.800	4.85 TO EXISTING 10' CURB INLET (*OS-4)
A	0.25	0.9	0.23	10	9.800	2.21 TO PROPOSED ROOF DRAINS
B	0.17	0.9	0.15	10	9.800	1.50 TO EXISTING 10' CURB INLET (*OS-4)
C	0.41	0.9	0.37	10	9.800	3.62 TO FUTURE STORM SYSTEM (INTERIM TO EX. DROP INLET)
D	0.15	0.9	0.14	10	9.800	1.32 TO EXISTING 10' CURB INLET (*OS-4)
TOTAL	4.64				40.92	

* INDICATES EXISTING DRAINAGE AREAS THAT HAVE BEEN MODIFIED BY THIS PROJECT

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.

DA Greer DATE: 09.25.15
DAVID A. GREER, P.E. 109928

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



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