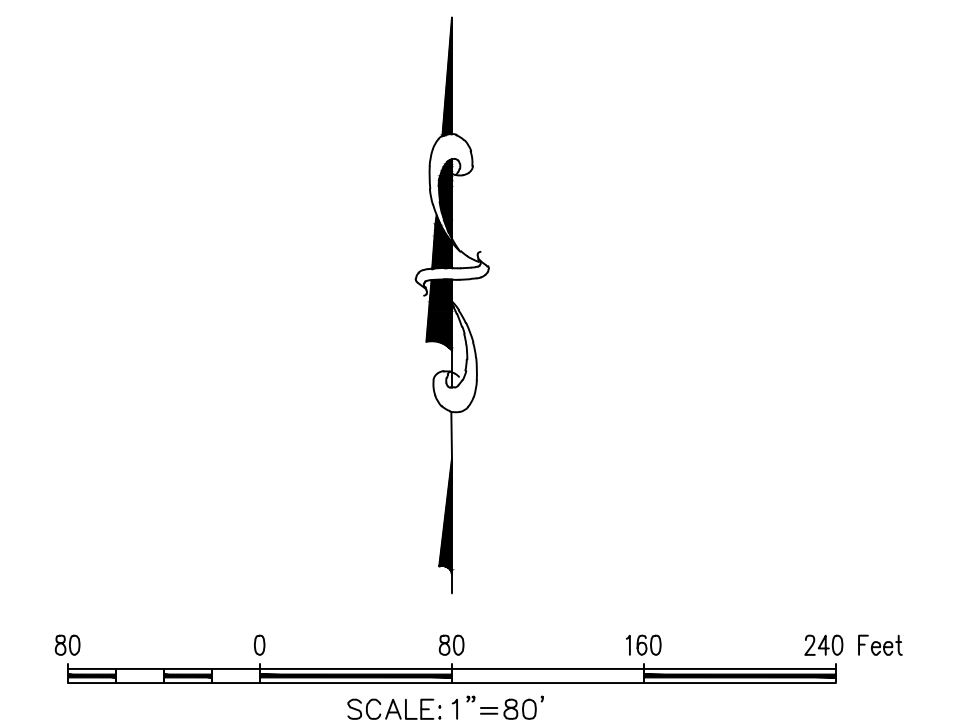


**DRAINAGE NOTES**

1. THE DRAINAGE AREA MAPS PROVIDED IN THESE PLANS ARE FOR: COMPARING THE LOCAL PEAK FLOWS FROM EXISTING CONDITIONS THROUGH THE PROPOSED PHASE, AND TO SIZE THE ON-SITE STORM SEWER SYSTEM.
2. DRAINAGE AREAS FOR THE GREATER WATERSHED ARE PROVIDED IN REPORT TITLED "SWBC ROCKWALL PHASE II FLOOD STUDY" PREPARED BY THE JOHN R. MCADAMS COMPANY, INC.
3. OFFSITE DRAINAGE AREA "OSZ" IS PROVIDED AS A PLACEHOLDER TO ACKNOWLEDGE DRAINAGE FROM ADDITIONAL SOURCES EAST OF PROJECT. OFFSITE DRAINAGE FROM ROCKWALL TECHNOLOGY PARK AND POINTS EAST HAS NO IMPACT ON THE ON-SITE PEAK FLOW. FOR EVALUATION OF OFF-SITE DRAINAGE AREAS, REFER TO REPORT TITLED "SWBC ROCKWALL PHASE II FLOOD STUDY" PREPARED BY THE JOHN R. MCADAMS COMPANY, INC.
4. REFER TO REFERENCED REPORT FOR ADDITIONAL INFORMATION REGARDING OFFSITE CONSTANTS/COEFFICIENTS/CALCULATIONS



TBM: "X" CUT ON CURB INLET ALONG NORTHSIDE OF DISCOVERY BLVD. APPROXIMATELY 85' WEST OF THE SOUTHWEST CORNER OF SUBJECT PROPERTY LINE. ELEV.= 564.92  
 BM: CITY OF ROCKWALL CONTROL MONUMENT "N1495", CALLED ELEV.= 566.71. MEASURED ELEV. = 566.83

Tc=20 mins

SWBC ROCKWALL PHASE 2 APARTMENTS - EXISTING DRAINAGE AREAS															Comments		
Area	Acres	C	C*A	Tc	I <sub>2</sub>	I <sub>5</sub>	I <sub>10</sub>	I <sub>25</sub>	I <sub>50</sub>	I <sub>100</sub>	Q <sub>2</sub>	Q <sub>5</sub>	Q <sub>10</sub>	Q <sub>25</sub>		Q <sub>50</sub>	Q <sub>100</sub>
A-1	2.23	0.35	0.78	20	3.90	4.90	5.90	6.60	7.50	8.30	3.04	3.82	4.60	5.15	5.85	6.48	Detention Pond A-1
A-2	1.11	0.35	0.39	20	3.90	4.90	5.90	6.60	7.50	8.30	1.52	1.90	2.29	2.56	2.91	3.22	Detention Pond A-2
A-3	0.94	0.35	0.33	20	3.90	4.90	5.90	6.60	7.50	8.30	1.28	1.61	1.94	2.17	2.47	2.73	Detention Pond A-3
A-4	5.14	0.35	1.80	20	3.90	4.90	5.90	6.60	7.50	8.30	7.02	8.82	10.61	11.87	13.49	14.93	Detention Pond A-UDS
A-5	0.78	0.35	0.27	20	3.90	4.90	5.90	6.60	7.50	8.30	1.06	1.34	1.61	1.80	2.05	2.27	Surface flow to Buffalo Creek
B1	3.48	0.35	1.22	20	3.90	4.90	5.90	6.60	7.50	8.30	4.75	5.97	7.19	8.04	9.14	10.11	Surface flow to existing Drop Inlet, Detention Pond
B2	0.57	0.35	0.20	20	3.90	4.90	5.90	6.60	7.50	8.30	0.78	0.98	1.18	1.32	1.50	1.66	Surface flow to existing Drop Inlet, Detention Pond
B3	0.01	0.35	0.00	20	3.90	4.90	5.90	6.60	7.50	8.30	0.01	0.02	0.02	0.02	0.03	0.03	Surface flow to Discovery Blvd, Detention Pond
FP	7.02	0.35	2.46	20	3.90	4.90	5.90	6.60	7.50	8.30	9.58	12.04	14.50	16.22	18.43	20.39	Dedicated for Open Space, Floodplain, Undevelopable
Sub-Total	21.28										29.04	36.50	43.94	49.15	55.87	61.82	
OS1	0.62	0.35	0.22	20	3.90	4.90	5.90	6.60	7.50	8.30	0.85	1.06	1.28	1.43	1.63	1.80	Off-Site Sheet Flow through B1 (See Note 1)
OS2	0.49	0.35	0.17	20	3.90	4.90	5.90	6.60	7.50	8.30	0.67	0.84	1.01	1.13	1.29	1.42	Off-Site Sheet Flow through A (See Note 1)
OS3	0.47	0.90	0.42	10	5.30	6.10	7.10	8.30	9.00	9.80	2.24	2.58	3.00	3.51	3.81	4.15	Off-Site Sheet Flow through A (See Note 2)
OSZ																	Greater Watershed Drainage as provided in Flood Study
Totals	22.86										32.80	40.98	49.23	55.22	62.60	69.19	

# - [(ft<sup>3</sup>/hr)]/[ac-in(sec)]  
 \$ - [(ft<sup>3</sup>/hr)]/[in(sec)]

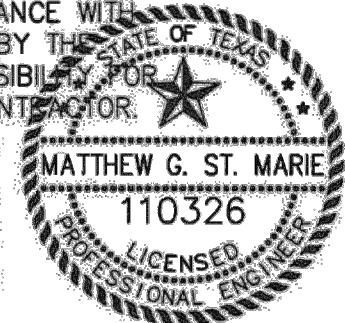
Note 1: Drainage Areas OS1 & OS2 reflect the undeveloped condition of a portion of a Drainage Area defined in Rockwall Technology Park Record Drawings, dated 02/16/2005, as "D-6."  
 Per Note 9 on the Drainage Area Map of the aforementioned plans, Drainage Area "D-6" is to be redirected north into an existing Detention Pond upon development of the lot encompassing "D-6"

Note 2: Drainage Area OS3 reflects a developed Drainage Area defined in Colmet Warehouse Record Drawings, dated 03/15/2004, as "DA #10."

**AS-BUILT RECORD DRAWING**

THE INFORMATION ON THESE PLANS HAS BEEN REVISED TO REFLECT CHANGES TO PUBLIC IMPROVEMENTS MADE DURING CONSTRUCTION. UNLESS OTHERWISE NOTED, THE CONSTRUCTION OF THE PUBLIC IMPROVEMENTS IS IN GENERAL CONFORMANCE WITH THESE PLANS, BASED UPON INFORMATION PROVIDED BY THE CONTRACTOR AND FIELD VERIFICATIONS. THE RESPONSIBILITY FOR ACCURACY AND COMPLETENESS BELONGS TO THE CONTRACTOR.

*Matthew G. St. Marie*  
 THE JOHN R. MCADAMS COMPANY, INC.  
 Date: 09/25/2023



MCADAMS  
 TBPE: 19762

Drawn By: CMK
Date: 12/30/2020
Scale: 1"=80'
Revisions:
02/11/2021
03/11/2021
05/07/2021
07/12/2021

09/25/2023 - AS-BUILTS

**WBC20000**

**C3.08**

OWNER/DEVELOPER  
 SWBC ROCKWALL LP  
 5049 SHERRY LANE, SUITE 760  
 DALLAS, TEXAS 75225  
 Ph. (214) 987-0700  
 Contact: Spencer Byington

**SWBC ROCKWALL PHASE II**  
 Lot 1, Block A  
**SWBC ROCKWALL ADDITION, PHASE II**  
 21,275 Acres  
 in the  
 CITY OF ROCKWALL,  
 ROCKWALL COUNTY, TEXAS

J.M. ALLEN SURVEY ABSTRACT NO. NO. 2

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 TBPE: 19762 TBPLS: 10194440  
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File: W:\Projects\WBC\_20000\04-Production\As-Built\Drawings\WBC20000-As-B-02.dwg  
 Plotfile: 9/25/2023 11:00 AM by Matthew G. St. Marie, Smet. 9/25/2023 3:00 PM, by spencer