



DRAINAGE CALCULATIONS						
DRAINAGE AREA	AREA (Acres)	RUNOFF COEFF "C"	Tc (min)	INTENSITY (in/hr) (1 100)	DESIGN FLOW (Q 100)	COMMENTS
A1	0.45	1.00	10.00	9.80	4.41	LINE 12" THRU FLUME
A2	0.48	0.85	10.00	9.80	4.00	LINE 12" THRU FLUME
A3	0.41	0.85	10.00	9.80	3.42	
Total Area					Total Q 100	
	1.34				11.82	

**DRAINAGE STUDY LEGEND**

- DRAINAGE DIVIDE (NEW)
- A1 DRAINAGE AREA (NEW)
- 0.25 NUMBER OF ACRES (NEW)
- 2.00 DESIGN FLOW (NEW)
- MAJOR CONTOUR (NEW)
- - - MAJOR CONTOUR (EXISTING)
- - - 4.35 MINOR CONTOUR (EXISTING)
- - - 4.35 MINOR CONTOUR (NEW)
- LS ST STORM SEWER (NEW)
- AREA DRAIN (NEW)
- STORM SEWER (EXISTING)
- CURB INLET (EXISTING)
- RETAINING WALL (NEW)
- DIRECTION OF FLOW

ADDENDUM #1  
PC - REMOVE STORM FLUME AND PARKING  
PC - REMOVED STORM SEWER

Date  
11/22/2016  
09/11/2017  
12/04/2017

Revision /  
1  
2  
3

Project:  
ROCKWALL HIGH SCHOOL RENOVATIONS  
FOR  
ROCKWALL HIGH SCHOOL  
ROCKWALL I.S.D.  
901 YELLOW JACKET LN, ROCKWALL, TX 75087

The seal appearing on this document was authorized by Mike Glenn, P.E. 35089, on December 4, 2017.

**RECORD DRAWING**

This is to certify that changes and corrections have been made to conform to the contractor's record of this project.

Signed *Mike Glenn* Date March 28, 2018  
Glenn Engineering Corporation

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PROPOSED  
DA MAP

100% CD VOLUME

Job No. 1738-02-01  
Drawn By: RAH  
Date: 12-03-2016

Sheet No. CG 1.1A