

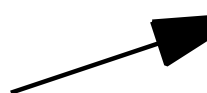
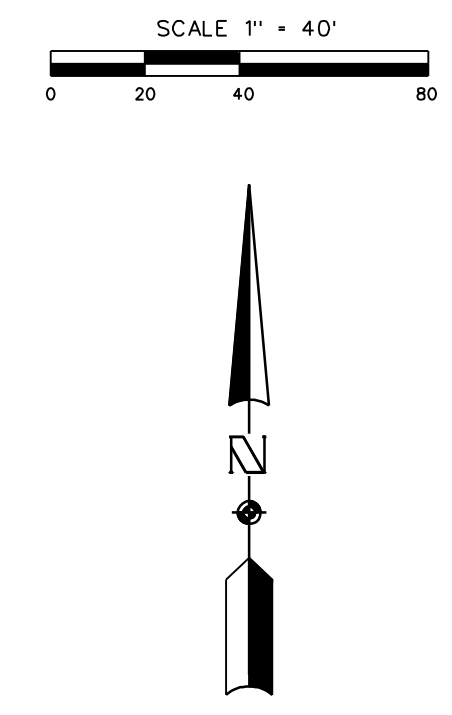




LEGEND

-  DRAINAGE AREA
-  DRAINAGE DIVIDE
-  FLOW DIRECTION ARROW



As Built 7/13/17

RUNOFF CALCULATIONS												
AREA	AREA (ACRES)	TC (MIN.)	C	I5 (IN/HR)	I10 (IN/HR)	I25 (IN/HR)	I100 (IN/HR)	Q5 (CFS)	Q10 (CFS)	Q25 (CFS)	Q100 (CFS)	COMMENTS
O1	0.57	10	0.9	6.2	7.3	8.2	9.8	3.2	3.7	4.2	5.0	TO PROPOSED FLUME
A1	0.38	10	0.9	6.2	7.3	8.2	9.8	2.1	2.5	2.8	3.4	TO REAR
A2	0.66	10	0.35	6.2	7.3	8.2	9.8	1.4	1.7	1.9	2.3	TO REAR
A1-A2	1.04	10		6.2	7.3	8.2	9.8	3.5	4.2	4.7	5.7	TOTAL TO REAR
B1	0.24	10	0.9	6.2	7.3	8.2	9.8	1.3	1.6	1.8	2.1	TO S. GOLIAD

- NOTES:**
1. STORM DRAINAGE DESIGNED PER CITY OF ROCKWALL DESIGN MANUAL.
 2. RATIONAL METHOD USED FOR DRAINAGE COMPUTATIONS (Q-CIA).
 3. C = 0.90 (BUSINESS/RETAIL) ; C = 0.35 (OPEN AREAS)

SITE CONSTRUCTION PLANS
CARMEL CAR WASH
2003 SOUTH GOLIAD STREET
CITY OF ROCKWALL, TEXAS

PRE-DEVELOPED DRAINAGE AREA MAP

AS-BUILT
DRAWINGS
THIS DOES NOT IMPLY A GROUND SURVEY. THESE DOCUMENTS WERE PREPARED FROM ORIGINAL DESIGN DRAWINGS AND CONSTRUCTION MODIFICATIONS NOTED BY CONTRACTOR.
KEITH M. HAMILTON 87384
DATE 7-13-17

NO.	REVISION	DATE	BY	DATE	JOB NO.
					048-019