



- LEGEND**
- Property Line
 - Ex. Contour
 - Flow Direction
 - Drainage Area No.
 - Drainage Area (Ac.)
 - Ex. Drain. Runoff - Q (cfs)
 - Existing Drainage Divide
 - Existing Offsite Drainage Divide

PREDEVELOPED DRAINAGE AREA CALCULATIONS						
Drainage Area No.	Total Area (Acres)	Runoff Coefficient C	Time of Concentration Tc (Min.)	Rainfall Intensity I ₁₀₀ (in/hr)	Proposed Flow Q ₁₀₀ (cfs)	Remarks
OS-1	0.94	0.35	20	8.30	2.73	FLOWS TO SUBARU SITE/NORTH TO CREEK
OS-2	0.13	0.90	10	9.80	1.15	TxDOT R.O.W. FLOWS TO SUBARU SITE
OS-3	0.08	0.90	10	9.80	0.71	FLOWS TO SUBARU SITE/NORTH TO CREEK
1	3.86	0.35	20	8.30	11.21	FLOWS WEST TO CREEK
2	0.99	0.35	20	8.30	2.88	FLOWS NORTH TO CREEK
TOTAL	6.00				18.67	

Revision	Date	Description

Owner:
Rockwall Rental Properties
 PO Box 818 • Terrell, Texas 75060

RANDALL NOE
SUBARU
 I-30 ROCKWALL, TX

~ Civil Engineer ~
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12/5/2019

C. Slown

Drawn By: F.C. CUNY	Checked By: F.C. CUNY
Date: 09/18	Project No.: -
Sheet Title: Pre Developed Drainage Plan	
Scale:	Sheet No.:
1"=40'	7 of 11