



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

POST DEVELOPED DRAINAGE AREA CALCULATIONS						
Drainage Area No.	Total Area (Acres)	Runoff Coefficient C	Time of Concentration T <sub>c</sub> (Min.)	Rainfall Intensity I <sub>100</sub> (in/hr)	Proposed Flow Q <sub>100</sub> (cfs)	Remarks
OS-1	0.79	0.35	20	8.30	2.29	FLOWS TO "Y" INLET/UNDERGROUND DET.
OS-2	0.06	0.90	10	9.80	0.53	FLOWS TO SUBARU SITE/UNDERGROUND DET.
OS-3	0.02	0.90	10	9.80	0.18	FLOWS TO SUBARU SITE/UNDERGROUND DET.
OS-4	0.08	0.90	10	9.80	0.71	FLOWS TO "Y" INLET/UNDERGROUND DET.
OS-5	0.06	0.35	20	8.30	0.17	FLOWS TO SUBARU SITE/UNDERGROUND DET.
1	1.57	0.35	20	8.30	4.56	FLOWS TO CREEK
2	0.37	0.90	10	9.80	3.26	FLOWS TO CREEK
3	0.45	0.90	10	9.80	3.97	FLOWS TO UNDERGROUND DETENTION
4	0.26	0.90	10	9.80	2.29	FLOWS WEST TO CREEK
5	0.24	0.90	10	9.80	2.12	FLOWS TO UNDERGROUND DETENTION
6	0.10	0.90	10	9.80	0.88	FLOWS TO UNDERGROUND DETENTION
7	0.47	0.90	10	9.80	4.15	FLOWS TO UNDERGROUND DETENTION
8	0.46	0.90	10	9.80	4.06	FLOWS TO UNDERGROUND DETENTION
9	0.89	0.90	10	9.80	7.85	FLOWS TO UNDERGROUND DETENTION
10	0.14	0.90	10	9.80	1.23	FLOWS TO "Y" INLET/UNDERGROUND DET.
11	0.03	0.90	10	9.80	0.26	FLOWS TO TxDOT R.O.W.
<b>TOTAL</b>	<b>5.99</b>				<b>38.52</b>	

<small>Revision</small>	<small>Date</small>	<small>Description</small>
<p>Owner: <b>Rockwall Rental Properties</b> PO Box 818 • Terrell, Texas 75060</p>		
<p><b>RANDALL NOE</b> <b>SUBARU</b> I-30 ROCKWALL, TX</p>		
<p>~ Civil Engineer ~ <b>F.C. CUNY CORPORATION</b> #2 Horizon Court • Ste. 500 • Heath, Texas 75032 Phone: 469-402-7700 Fax: 469-402-0700 Texas Registered Engineering Firm F-7449</p>		
<p>12/5/2019</p>		
Drawn By: F.C. CUNY	Checked By: F.C. CUNY	
Date: 09/18	Project No.: -	
Sheet Title: <b>Post Developed Drainage Plan</b>		
Scale:	Sheet No.:	
1"=40'	8 of 11	