PROJECT: Walnut Mill Section #1
CLIENT: DR Horton

BY: JTW CHECKED: MEY CONSULTANT: Watcon Consulting Engineers & Surveyors
March 22, 2022

San. flow= 0.0002 c.f.s\per.
Infilt.= 0.003 c.f.s\acre.
Peak Fact.= 3.5 N=0.013

M.H	AREA Trib.	ACRES Total	Per\Acre	Population Incr.	Total	Ave.	Peak c.f.s	Infiltration c.f.s	Design c.f.s	Size Inches	Grade %	V F.P.S	Q C.F.S	Q % FULL
13	237.7	237.7	9	2139.30	2139.30	0.428	1.498	0.713	2.2106	18	0.25	2.98	5.30	41.68
12	1.6	239.3	9	14.40	2153.70	0.431	1.508	0.718	2.2255	18	0.25	2.98	5.30	41.97
11	0.8	240.1	9	7.20	2160.90	0.432	1.513	0.720	2.2329	18	0.25	2.98	5.30	42.11
10	1.6	241.7	9	14.40	2175.30	0.435	1.523	0.725	2.2478	18	0.25	2.98	5.30	42.39
9	1.5	243.2	9	13.50	2188.80	0.438	1.532	0.730	2.2618	18	0.25	2.98	5.30	42.65
8	5.2	248.4	9	46.80	2235.60	0.447	1.565	0.745	2.3101	18	0.25	2.98	5.30	43.56
7	0.5	248.9	9	4.50	2240.10	0.448	1.568	0.747	2.3148	18	0.25	2.98	5.30	43.65
6	0.5	249.4	9	4.50	2244.60	0.449	1.571	0.748	2.3194	18	0.25	2.98	5.30	43.74
5	1.1	250.5	9	9.90	2254.50	0.451	1.578	0.752	2.3297	18	0.25	2.98	5.30	43.93
4	2.3	252.8	9	20.70	2275.20	0.455	1.593	0.758	2.3510	18	0.25	2.98	5.30	44.33
3	2.3	255.1	9	20.70	2295.90	0.459	1.607	0.765	2.3724	18	0.25	2.98	5.30	44.74
2	2.3	257.4	9	20.70	2316.60	0.463	1.622	0.772	2.3938	18	0.25	2.98	5.30	45.14
1	24.0	281.4	9	216.00	2532.60	0.507	1.773	0.844	2.6170	18	0.25	2.98	5.30	49.35
Ex.														
16	1.6	1.6	9	14.40	14.40	0.003	0.010	0.005	0.0149	8	0.5	2.45	0.86	1.73
15	1.5	3.1	9	13.50	27.90	0.006	0.020	0.009	0.0288	8	0.5	2.45	0.86	3.34
14	1.6	4.7	9	14.40	42.30	0.008	0.030	0.014	0.0437	8	0.5	2.45	0.86	5.07
8														
19	5.5	5.5	9	49.50	49.50	0.010	0.035	0.017	0.0512	8	0.5	2.45	0.86	5.93
18	0.4	5.9	9	3.60	53.10	0.011	0.037	0.018	0.0549	8	0.5	2.45	0.86	6.36
17	9.3	15.2	9	83.70	136.80	0.027	0.096	0.046	0.1414	8	0.5	2.45	0.86	16.39
1														
21	0.5	0.5	9	4.50	4.50	0.001	0.003	0.002	0.0047	8	0.5	2.45	0.86	0.54
14														
20	9.3	9.3	9	83.70	83.70	0.017	0.059	0.028	0.0865	8	0.5	2.45	0.86	10.03
17														