

DRAINAGE AREA CALCULATIONS - POSTDEVELOPMENT							
AREA NO.	ACRES	RUNOFF COEFF.	CA	Tc	I100	Q100	COLLECTION POINT
A1	0.09	0.90	0.08	10.0	9.27	0.75	STORM DRAIN
A2	0.07	0.90	0.06	10.0	9.27	0.58	STORM DRAIN
A3	0.19	0.90	0.17	10.0	9.27	1.60	CURB INLET
A4	0.17	0.90	0.15	10.0	9.27	1.40	CURB INLET
A5	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
A6	0.31	0.90	0.28	10.0	9.27	2.59	STORM DRAIN
A7	0.20	0.90	0.18	10.0	9.27	1.67	CURB INLET
A8	0.20	0.90	0.18	10.0	9.27	1.67	CURB INLET
A9	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
A10	0.36	0.90	0.32	10.0	9.27	3.00	STORM DRAIN
A11	0.09	0.90	0.08	10.0	9.27	0.75	STORM DRAIN
A12	0.10	0.90	0.09	10.0	9.27	0.83	CURB INLET
A13	0.09	0.90	0.08	10.0	9.27	0.74	CURB INLET
A14	0.17	0.90	0.15	10.0	9.27	1.42	STORM DRAIN
A15	0.32	0.90	0.29	10.0	9.27	2.67	STORM DRAIN
A16	0.32	0.90	0.29	10.0	9.27	2.67	CURB INLET
A17	0.30	0.90	0.27	10.0	9.27	2.51	CURB INLET
<b>3.28</b>						<b>27.36</b>	
B1	0.33	0.90	0.30	10.0	9.27	2.75	AREA DRAINS
B2	0.11	0.90	0.10	10.0	9.27	0.92	STORM DRAIN
B3	0.37	0.90	0.33	10.0	9.27	3.09	STORM DRAIN
B4	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
B5	0.11	0.90	0.10	10.0	9.27	0.92	STORM DRAIN
B6	0.24	0.90	0.22	10.0	9.27	2.00	AREA DRAINS
B7	0.25	0.90	0.23	10.0	9.27	2.09	STORM DRAIN
B8	0.64	0.90	0.58	10.0	9.27	5.34	STORM DRAIN
B9	0.02	0.90	0.02	10.0	9.27	0.17	AREA DRAIN
<b>2.22</b>						<b>18.52</b>	
C1	0.05	0.90	0.05	10.0	9.27	0.42	STORM DRAIN
C2	0.18	0.90	0.16	10.0	9.27	1.50	STORM DRAIN
C3	0.20	0.90	0.18	10.0	9.27	1.67	STORM DRAIN
C4	0.19	0.90	0.17	10.0	9.27	1.59	STORM DRAIN
C5	0.05	0.90	0.05	10.0	9.27	0.42	STORM DRAIN
C6	0.20	0.90	0.18	10.0	9.27	1.67	STORM DRAIN
<b>0.87</b>						<b>7.26</b>	
D1	0.31	0.90	0.28	10.0	9.27	2.59	STORM DRAIN
D2	0.17	0.90	0.15	10.0	9.27	1.42	STORM DRAIN
D3	0.21	0.90	0.19	10.0	9.27	1.75	AREA DRAINS
D4	0.14	0.90	0.13	10.0	9.27	1.17	STORM DRAIN
D5	0.27	0.90	0.24	10.0	9.27	2.25	CURB INLET
D6	0.10	0.90	0.09	10.0	9.27	0.83	CURB INLET
D7	0.24	0.90	0.22	10.0	9.27	2.00	AREA DRAINS
D8	0.06	0.90	0.05	10.0	9.27	0.50	AREA DRAINS
D9	0.12	0.90	0.11	10.0	9.27	1.00	STORM DRAIN
D10	0.22	0.90	0.20	10.0	9.27	1.84	STORM DRAIN
D11	0.07	0.90	0.06	10.0	9.27	0.58	STORM DRAIN
<b>1.91</b>						<b>15.94</b>	
E1	0.33	0.90	0.30	10.0	9.27	2.75	STORM DRAIN
E2	0.56	0.90	0.50	10.0	9.27	4.67	STORM DRAIN
E3	0.22	0.90	0.20	10.0	9.27	1.84	STORM DRAIN
E4	0.26	0.90	0.23	10.0	9.27	2.17	STORM DRAIN
E5	0.21	0.90	0.19	10.0	9.27	1.75	STORM DRAIN
E6	0.15	0.90	0.14	10.0	9.27	1.25	STORM DRAIN
E7	0.21	0.90	0.19	10.0	9.27	1.75	CURB INLET
E8	0.17	0.90	0.15	10.0	9.27	1.42	STORM DRAIN
E9	0.22	0.90	0.20	10.0	9.27	1.84	CURB INLET
E10	0.08	0.90	0.07	10.0	9.27	0.67	STORM DRAIN
E11	0.38	0.90	0.34	10.0	9.27	3.17	STORM DRAIN
E12	0.07	0.90	0.06	10.0	9.27	0.58	STORM DRAIN
E13	0.13	0.90	0.12	10.0	9.27	1.08	DROP INLET
<b>2.99</b>						<b>24.95</b>	
F1	0.64	0.90	0.58	10.0	9.27	5.34	STORM DRAIN
F2	0.08	0.90	0.07	10.0	9.27	0.67	STORM DRAIN
F3	0.55	0.90	0.50	10.0	9.27	4.59	STORM DRAIN
F4	0.11	0.90	0.10	10.0	9.27	0.92	STORM DRAIN
F5	0.10	0.90	0.09	10.0	9.27	0.83	STORM DRAIN
<b>1.48</b>						<b>12.35</b>	
G1	0.38	0.90	0.34	10.0	9.27	3.17	MARSH LANE
<b>0.38</b>						<b>3.17</b>	
H1	0.34	0.90	0.31	10.0	9.27	2.84	VITRUVIAN WAY
H2	0.48	0.90	0.43	10.0	9.27	4.00	VITRUVIAN WAY
<b>0.82</b>						<b>6.84</b>	
<b>13.95</b>						<b>116.38</b>	

**LEGEND**

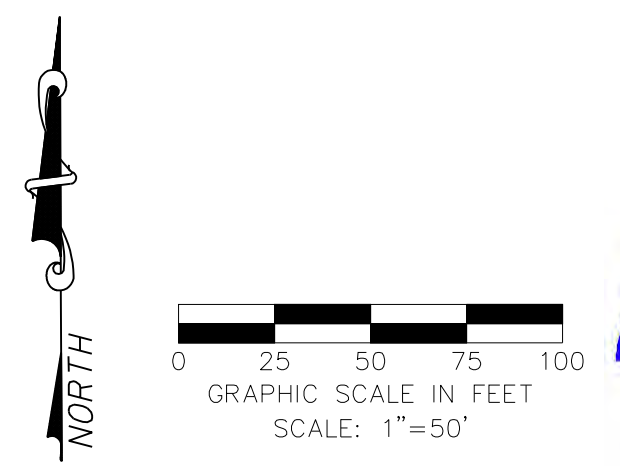
DRAINAGE AREA DESIGNATION A1

DRAINAGE AREA BOUNDARY

DRAINAGE AREA SUB DIVIDE

DIRECTION OF FLOW

INLET NUMBER 1



NO.	REVISION	BY	DATE
<b>icon Consulting Engineers, Inc.</b> 2840 W. Southlake Blvd., Suite 110 Civil Engineers - Designers - Planners Southlake, TX 76092 (817) 552-6210 Engineering Firm Registration Number F-9007			
<b>VITRUVIAN WEST 2</b> VITRUVIAN PARK - TOWN OF ADDISON, TEXAS 3725 VITRUVIAN WAY <b>DRAINAGE AREA MAP &amp; CALCULATIONS</b> POSTDEVELOPMENT			
DESIGN	DRAWN	DATE	SCALE
ICE	ICE	NOV 17, 2020	AS NOTED
NOTES	Sheet No.		
	<b>C4.00P</b>		

VITRUVIAN WEST 2 - PROJECT NO. 5019-18