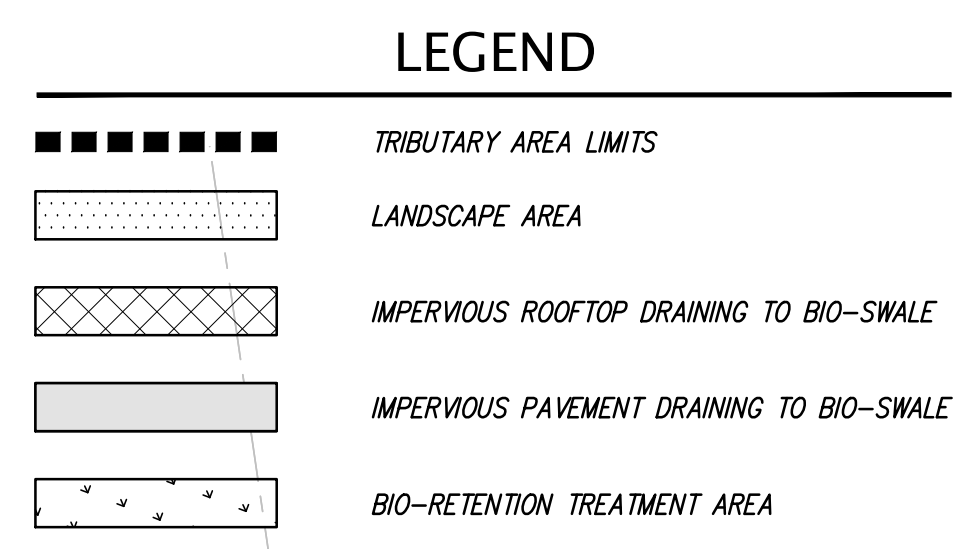
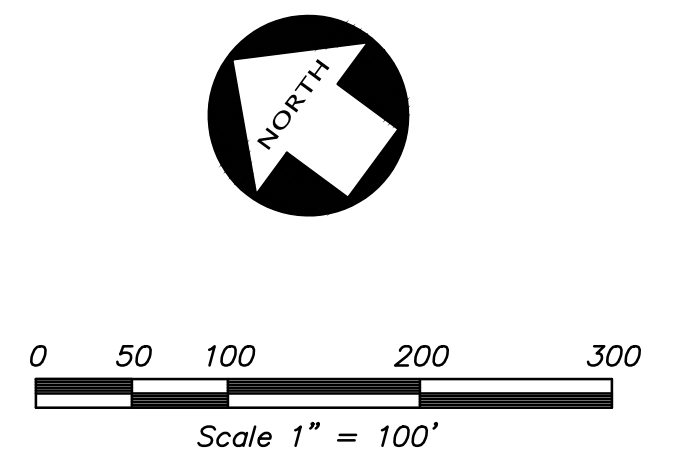


Bio-Retention Area Sizing Calculations												
Area No.	Area (SF)	Area (AC)	Landscape (SF)	Landscape (AC)	Impervious (SF)	Impervious (AC)	Rooftop (SF)	Rooftop (AC)	Treatment Area* (SF)	Treatment Provided (SF)	Sizing Ratio (%)	Type of Planter
DMA 1	21,437	0.49	8,743	0.20	12,694	0.29	0	0.00	13,568	550	4.1%	Bio-Retention Planter
DMA 2	185,813	4.27	42,329	0.97	74,044	1.70	69,440	1.59	147,717	6,000	4.1%	Bio-Retention Planter
DMA 3	344,936	7.92	34,587	0.79	158,029	3.63	152,320	3.50	313,808	12,500	4.0%	Bio-Retention Planter
DMA 4	411,771	9.45	40,274	0.92	129,577	2.97	241,920	5.55	375,524	15,000	4.0%	Bio-Retention Planter
DMA 5	52,296	1.20	15,313	0.35	29,543	0.68	7,440	0.17	38,514	1,600	4.2%	Bio-Retention Planter
DMA 6	277,263	6.37	43,465	1.00	171,798	3.94	62,000	1.42	238,145	9,600	4.0%	Bio-Retention Planter
DMA 7	313,269	7.19	34,987	0.80	121,512	2.79	156,770	3.60	281,781	12,000	4.3%	Bio-Retention Planter
DMA 8	44,968	1.03	13,716	0.31	31,252	0.72	0	0.00	32,624	1,300	4.0%	Bio-Retention Planter
DMA 9	23,790	0.55	3,854	0.09	19,936	0.46	0	0.00	20,321	820	4.0%	Bio-Retention Planter
DMA 10	596,714	13.70	64,585	1.48	229,658	5.27	302,471	6.94	538,588	21,750	4.0%	Bio-Retention Planter
DMA 11	111,082	2.55	15,077	0.35	43,746	1.00	52,259	1.20	97,513	4,000	4.1%	Bio-Retention Planter
DMA 12**	134,232	3.08	20,135	0.46	114,097	2.62	0	0.00	116,111	4,800	4.1%	Bio-Retention Planter
Totals	2,517,571	57.80	337,065	7.74	1,135,886	26.08	1,044,620	23.98	2,214,213	89,920		

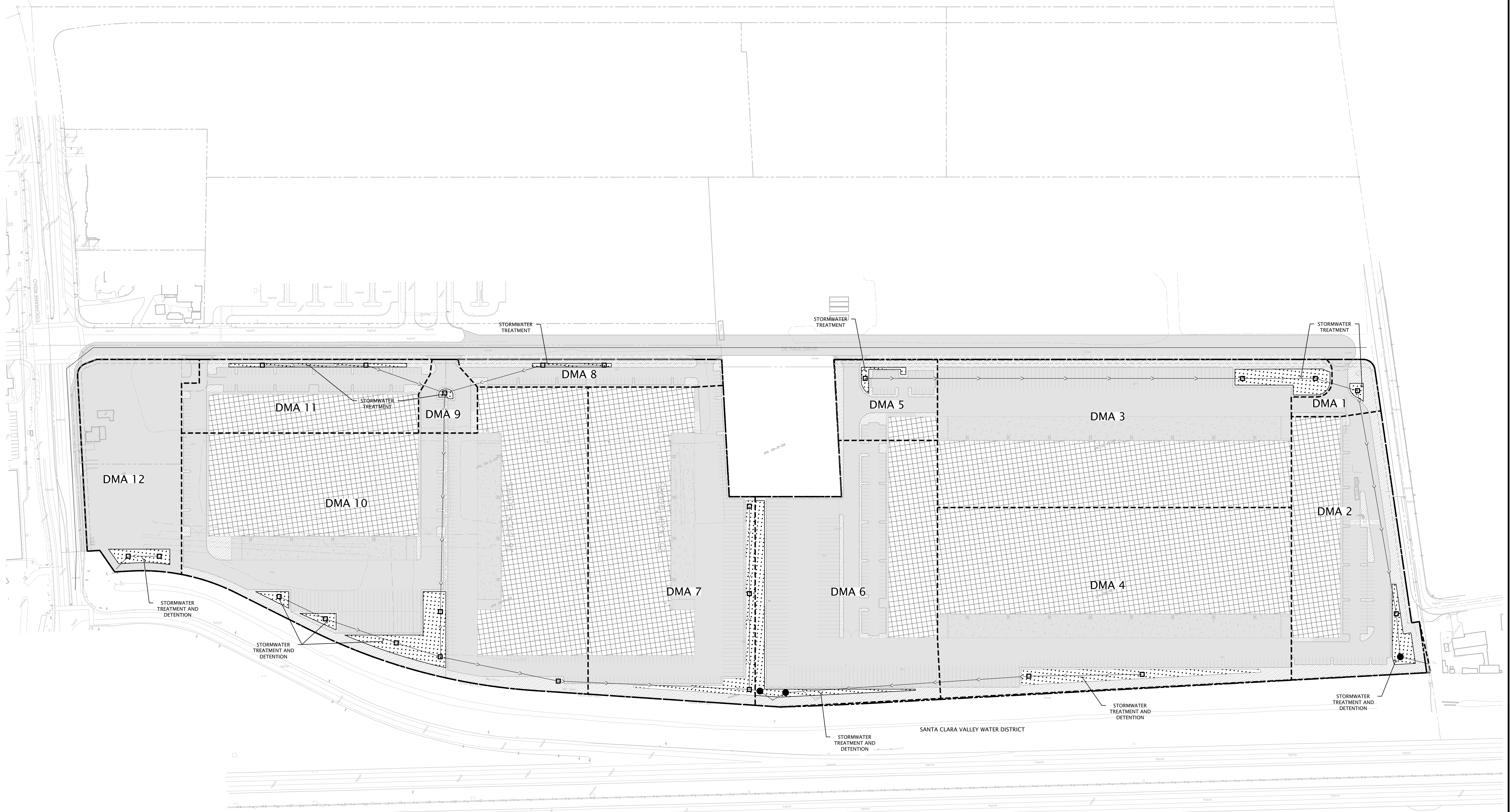
\*: Total Treatment Area is equal to Impervious Area + 0.10 x Landscape Area  
 \*\*: Commercial property estimated to be 85% impervious



**IMPERVIOUS SURFACE SUMMARY**

ROOFTOP 24.0 ACRES  
 ON-SITE PAVEMENT 26.1 ACRES  
 OFF-SITE PAVEMENT 4.0 ACRES

**TOTAL IMPERVIOUS 54.1 ACRES**



NO.	REVISION								
NO.	REVISION	NO.	REVISION	NO.	REVISION	NO.	REVISION	NO.	REVISION
<p><b>KIER &amp; WRIGHT</b>          CIVIL ENGINEERS &amp; SURVEYORS, INC.          2850 Collier Canyon Road          Livermore, California 94551          Phone (925) 245-8788          Fax (925) 245-8796          www.kierwright.com</p>									
<p><b>STORMWATER QUALITY CONTROL PLAN</b>          OF  <b>MORGAN HILL TECHNOLOGY CENTER</b>          FOR  <b>TRAMMEL CROW</b></p>									
<p>MORGAN HILL, CALIFORNIA</p>									
<p>DATE JAN. 28, 2019          SCALE AS SHOWN          DESIGNER SJH          DRAFTER JMB          JOB NO. A18673          SHEET <b>2</b>          OF 4 SHEETS</p>									