



WOOD RODGERS
 BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
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LPAS
 Architecture + Design

KF PROPERTIES

PRELIMINARY STORMWATER MANAGEMENT PLAN

FIDDYMENT RANCH APTS.

ROSEVILLE, CA

PROJECT NO.1282-0003

10/12/21

NOTES

1. STORMWATER QUALITY TREATMENT AND HYDROMODIFICATION IS TO BE PROVIDED BY BIORETENTION BASINS.
2. ROOF DRAINS ARE ANTICIPATED TO BE HARD-PIPED AND BUBBLER STRUCTURES TO BASIN WITHIN ASSOCIATED DMA.
3. CURB CUTS WILL BE PROVIDED TO CONVEY WATER FROM ASPHALT TO BIORETENTION BASINS AT APPROPRIATE LOW POINTS. RIP-RAP WILL BE PROVIDED FOR ENERGY DISSIPATION.
4. THIS EXHIBIT IS FOR PRELIMINARY PLAN PURPOSES ONLY. ALL DRAINAGE SYSTEM CHARACTERISTICS ARE TO BE VERIFIED PRIOR TO DEVELOPMENT.
5. THE PROPOSED GRADING DESIGN, TREATMENT LOCATION, UTILITY LAYOUT AND SIZES SHOWN ARE CONCEPTUAL AND SUBJECT TO MODIFICATION AS DESIGN PROGRESSES TO IMPROVEMENT PLAN PHASE.

LEGEND

BIORETENTION BASIN

DMA #	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	TREATMENT REQUIRED (SF)	TREATMENT PROVIDED (SF)
1	5907	1155	175	243
2	5907	1155	175	243
3	5902	1155	175	243
4	5905	1155	175	243
5	49553	10665	1475	2097
6	18002	3462	535	753
7	19885	4289	595	822
8	15527	2889	465	565
9	5907	1155	175	243
10	5907	1155	175	243
11	60422	10191	1770	2588
12	1685	1774	65	88
13	14581	1845	425	585

DMA #	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	TREATMENT REQUIRED (SF)	TREATMENT PROVIDED (SF)
14	7973	2271	245	445
15	4158	1716	135	352
16	13256	3483	405	776
17	36905	6498	1090	1640
18	8539	6084	295	553
19	56529	8897	1665	2401
20	5863	1155	175	242
21	5863	1155	175	242
22	13751	2677	410	604
23	35302	6564	1050	1455
24	4598	2241	150	252
25	5361	850	160	218
26	1725	992	60	125

NOTE: BIORETENTION BASINS ARE LARGER THAN REQUIRED TO PROVIDE FLEXIBILITY DURING DESIGN. SIZING WILL BE REFINED AT THE IMPROVEMENT PLAN STAGE.

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