

LEGEND

- PUBLIC FIRE HYDRANT
- PRIVATE FIRE HYDRANT

FIRE NOTES

- THE CITY OF CUPERTINO AMENDS SANTA CLARA COUNTY FIRE REQUIREMENTS.
- ALL HYDRANT LOCATIONS SHOWN SHALL BE FINALIZED AND COORDINATED WITH THE APPROPRIATE FIRE DISTRICTS AND SHALL MEET THE SPACING AND FLOW REQUIREMENTS SHOWN BELOW.
- ALL FIRE APPARATUS SHALL COMPLY WITH APPLICABLE CODES, INCLUDING THE APPLICABLE CALIFORNIA BUILDING CODE, THE 2016 CALIFORNIA FIRE CODE, AND CODES AND STANDARDS FROM THE NATIONAL FIRE PROTECTION ASSOCIATION.

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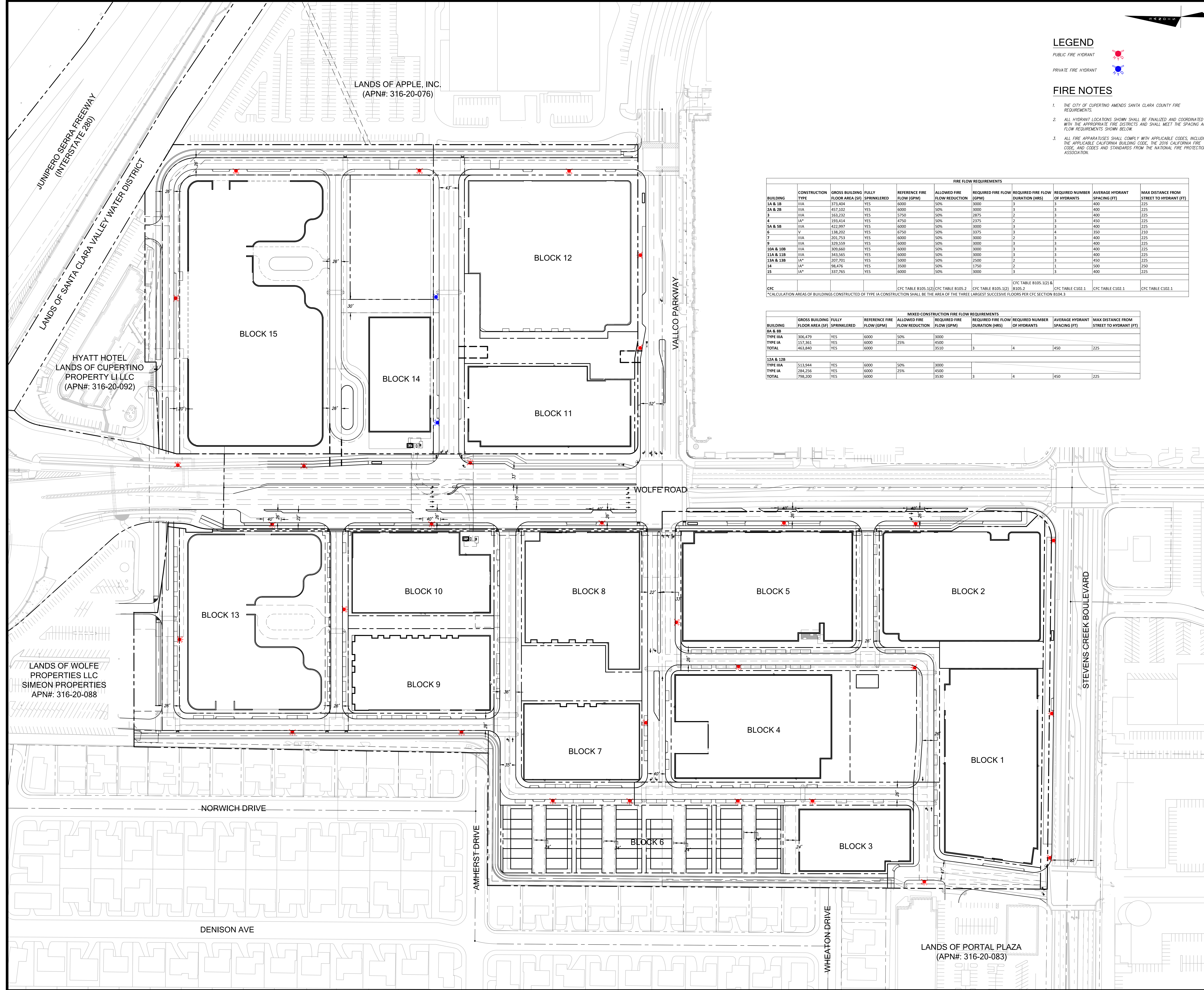
Parking Engineering
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FIRE FLOW REQUIREMENTS										
BUILDING	CONSTRUCTION TYPE	GROSS BUILDING FLOOR AREA (SF)	FULLY SPRINKLERED	REFERENCE FIRE FLOW (GPM)	ALLOWED FIRE FLOW REDUCTION	REQUIRED FIRE FLOW (GPM)	REQUIRED FIRE FLOW DURATION (HRS)	REQUIRED NUMBER OF HYDRANTS	AVERAGE HYDRANT SPACING (FT)	MAX DISTANCE FROM STREET TO HYDRANT (FT)
1A & 1B	IIIA	373,404	YES	6000	50%	3000	3	3	400	225
2A & 2B	IIIA	457,102	YES	6000	50%	3000	3	3	400	225
3	IIIA	163,232	YES	5750	50%	2875	2	3	400	225
4	IA*	153,414	YES	4750	50%	2375	2	3	450	225
5A & 5B	IIIA	423,997	YES	6000	50%	3000	3	3	400	225
6	V	138,202	YES	6750	50%	3375	3	4	350	210
7	IIIA	201,753	YES	6000	50%	3000	2	3	400	225
9	IIIA	323,559	YES	6000	50%	3000	3	3	400	225
10A & 10B	IIIA	309,660	YES	6000	50%	3000	3	3	400	225
11A & 11B	IIIA	343,565	YES	6000	50%	3000	3	3	400	225
13A & 13B	IA*	207,701	YES	5000	50%	2500	2	3	450	225
14	IA*	98,476	YES	3500	50%	1750	2	1	500	250
15	IA*	337,765	YES	6000	50%	3000	3	3	400	225

MIXED CONSTRUCTION FIRE FLOW REQUIREMENTS									
BUILDING	GROSS BUILDING FLOOR AREA (SF)	FULLY SPRINKLERED	REFERENCE FIRE FLOW (GPM)	ALLOWED FIRE FLOW REDUCTION	REQUIRED FIRE FLOW (GPM)	REQUIRED FIRE FLOW DURATION (HRS)	REQUIRED NUMBER OF HYDRANTS	AVERAGE HYDRANT SPACING (FT)	MAX DISTANCE FROM STREET TO HYDRANT (FT)
8A & 8B	306,479	YES	6000	50%	3000				
TYPE IIIA	157,361	YES	6000	25%	4500				
TYPE IA	463,840	YES	6000		3510	3	4	450	225
TOTAL									
12A & 12B	513,944	YES	6000	50%	3000				
TYPE IIIA	284,256	YES	6000	25%	4500				
TYPE IA	798,200	YES	6000		3530	3	4	450	225
TOTAL									

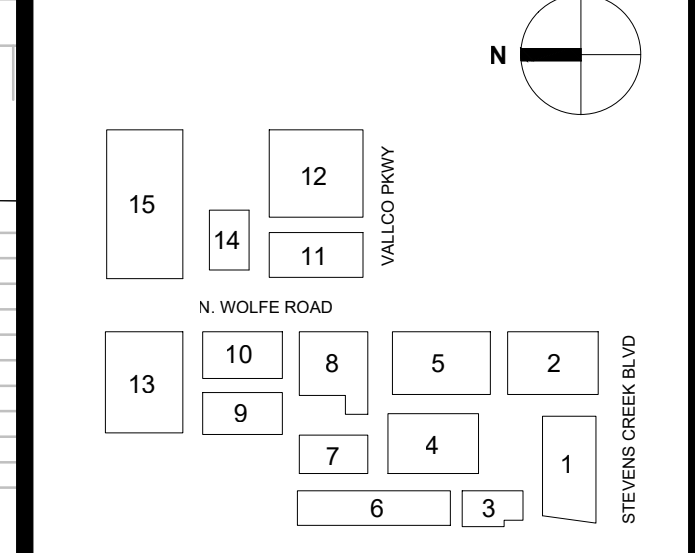
*CALCULATION AREAS OF BUILDINGS CONSTRUCTED OF TYPE IA CONSTRUCTION SHALL BE THE AREA OF THE THREE LARGEST SUCCESSIVE FLOORS PER CFC SECTION B104.3



SB 35 MODIFICATION APPLICATION

Revision

Rev.	Description	Date
REV-5	SB-35 MODIFICATION APPLICATION	12/04/2023
REV-4	SB-35 MODIFICATION APPLICATION	05/27/2022
REV-3	SB-35 MODIFICATION APPLICATION	03/23/2022
REV-2	SB-35 APPLICATION - CONFORM SET	09/15/2018
REV-1	SB-35 APPLICATION - REVISION	08/06/2018
REV-0	SB-35 DEVELOPMENT - APPLICATION	03/27/2018



Scale & Signature

NOT FOR CONSTRUCTION

Issue Date: 12/04/2023 Project No: 22337

Drawing Title: **FIRE HYDRANT LAYOUT PLAN - STREET LEVEL**