NUMBER	ITEMS	NOT REQ'D	NOT DONE	SATISFIED	**Fire Dept Requirements Commercial** REVIEW # BY DATE Location in Engineering Design Standards & Policy Manual
1	First Fire Hydrant min of 80' from street (So the fire truck can to come into site)	☐	☐	☐	4.1.4(E.2.b), G-3236
2	Use COG detail for Fire Hydrants	☐	☐	☐	G-3330
3	Fire Hydrant max 300' spacing for high rise, storage or Industrial & 400' spacing for Commercial & single-family	☐	☐	☐	5.1.6(B.2.b.4), 5.1.6(B.2.b.8)
4	Space valves so that only two FH's out of service at a time	☐	☐	☐	5.1.5 (A.2.c.2)
5	FH not in retention basins, wash, sidewalk or behind walls	☐	☐	☐	5.1.4 (J.3)
6	7' clear and flat around FH	☐	☐	☐	5.1.6 (B.3.c)
7	Safety post required if FH & BFP are not protected	☐	☐	☐	5.1.6(B.3.d), G-3332, G-3358, MAG 140 IFC Sections 312.1, 312.2 & 312.3
8	FH's not installed on any portion of a dead-end line which is more than 400' from a looped line	☐	☐	☐	5.1.6.(B.2.b.6)
9	150' max spacing between FH & FDC	☐	☐	☐	5.1.6 (B.2.b.7)
10	Fire Dept Connection for each building	☐	☐	☐	
11	FDC either remote or at building as long as it is in fire access view, no obstruction such as walls or parking spaces in front. (position FDC to face fire access road)	☐	☐	☐	5.1.6 (C.1)
12	Fire system looped exception being 400' max limitation as determined by FH limitation	☐	☐	☐	5.1.4 (J.1)
13	Double Detector Check valve Backflow Preventor at right-of-way/PUE on both sides of looped system	☐	☐	☐	5.1.6 (A.1), 5.1.6 (E.1), G-3352
14	A min of 20' must be maintained between buildings to be considered as separate buildings for fire access purposes	☐	☐	☐	
15	Site has two accesses	☐	☐	☐	

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16	No Domestic water off Fire loop (dedicated for fire use only)	☐	☐	☐	5.1.6 (A.3)
17	All Fire lines are to be DIP or equal to the supply line class (C-900 is ok per Fire)	☐	☐	☐	5.1.6 (C.1.a)
18	Provide enough valves so that the fire line off loop to building will not be severed	☐	☐	☐	5.1.5 (A.2.g)
19	No Pressure Reducing Valves on Fire loop	☐	☐	☐	
20	Min Fire Flow of 1,500 gpm 20psi 1 & 2 family	☐	☐	☐	5.1.6 (D.1.a)
21	Post Indicator Valves are not required	☐	☐	☐	
22	Fire access longitude slope shall be 8% max	☐	☐	☐	8.1.5 (C.7), G-3244
23	Fire access shall be 20' wide min, 26' wide on buildings over 30' high	☐	☐	☐	8.1.5(B), G-3244, G-3246
24	Show fire truck turning radii - 28' inside radius, 20' wide, 48' outside radius	☐	☐	☐	8.1.5(B), G-3244, G-3246
25	Hammer Head- 28' inside radius, 20' wide, 45' forward, 65' back	☐	☐	☐	G-3246
26	No speed bumps allowed in Fire Lane	☐	☐	☐	8.1.5(C.10)
27	If AFES is provided, FH min 600' from fire access rd to most remote area of building when building is sprinklered	☐	☐	☐	
28	Provide Fire access to all portions of the building a max 150' from fire access road to most remote area of building (for non sprinklered buildings)	☐	☐	☐	8.1.5(C.1)
29	"No Parking Signs" called out per City detail, to be determined by City's Fire Inspector during field inspection	☐	☐	☐	G-3142
30	Automatic Access Gate needs Fire Dept Permit (separate from Building Safety)	☐	☐	☐	Fire Department "Site Permit Application"
31	Fire service line from main to flange at the riser room, DIP, Restrained joints per MAG	☐	☐	☐	

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32	Mountable curb	☐	☐	☐	MAG 220 Type F (only)