

REQUIRED FIRE FLOW PER NFPA SEC 18.4.5							
Building ID	BUILDING CONSTRUCTION ¹	AREA	BASE FIRE FLOW REQUIRED (GPM) ³	ALLOWABLE REDUCTION FOR AUTOMATIC SPRINKLER SYSTEM PROTECTION ²	REQUIRED FIRE FLOW (BASE FLOW REDUCTION) ¹ (GPM)	MINIMUM REQUIRED FIRE FLOW (GPM) ²	FLOW DURATION (HOURS) ³
ADMINISTRATION #1 LEVEL 1	TYPE III-G	28,203.0	2,500	100%	2,500	1,000	2
ADMINISTRATION #1 LEVEL 2	TYPE III-G	21,714.5	2,000	100%	2,000	1,000	2
WAREHOUSE #2 LEVEL 1	TYPE III-G & F	22,915.0	2,250	100%	2,250	1,000	2
WAREHOUSE #2 LEVEL 2	TYPE III-G & F	13,818.0	1,750	100%	1,750	1,000	2
CHILLER BLDG #3	TYPE III-F	1,333.0	1,500	100%	1,500	1,000	2
SHOPS #1	TYPE III-F	5,294.5	1,500	100%	1,500	1,000	2
SHOPS #2	TYPE III-F	3,626.5	1,500	100%	1,500	1,000	2
SHOPS #3	TYPE III-F	13,602.9	1,750	100%	1,750	1,000	2

1) PER NFPA SECTION 18.4.5.3 - BUILDINGS OTHER THAN ONE AND TWO-FAMILY DEWELLINGS.
2) PER NFPA SECTION 18.4.5.3.2, FIRE FLOW IS REDUCED 75% WHEN BUILDING PROTECTED THROUGHOUT BY APPROVED AUTOMATIC SPRINKLERS, NOT LESS THAN 1,000 GPM
3) NFPA 18.4.5.2.1 MINIMUM REQUIRED FIRE 3) NFPA 18.4.5.2.1 MINIMUM REQUIRED FIRE FLOW AND FLOW DURATION FOR BUILDINGS