

SITE DEVELOPMENT FLOW RATE ANALYSIS

PROJECT: ORMOND CENTRAL UNIT 1 SELF STORAGE
LOCATION: GRANADA BOULEVARD, ORMOND BEACH, FL 32174

POTABLE WATER DEMAND

WAREHOUSE

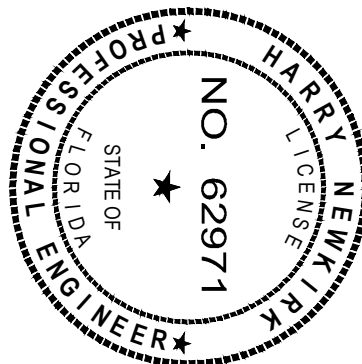
A) EMPLOYEE PER 8 HOUR SHIFT	3 EMPLOYEES	
B) SELF STORAGE, PER UNIT (UP TO 200 UNITS) ADD 1 GALLON FOR EACH 2 UNITS OVER 200 UNITS	790 UNITS	
C) AVERAGE FLOW	15 GPD/EMPLOYEE	
D) AVERAGE FLOW	1 GPD/UNIT	
E) PER CAPITA FLOW FACTOR	1.1	
F) PEAK DAY FACTOR	2	
G) PEAK HOUR FACTOR	3	
AVERAGE FLOW = (A x C x E) + (B x D x E)		
	594 GPD	
MAXIMUM DAY DEMAND	1,188 GPD	
MAXIMUM HOUR DEMAND	2.5 GPM	
ESTIMATED MONTHLY FLOW	17820 GAL	
REQUIRED FIRE FLOW	1500 GPM	

WASTEWATER DEMAND

WAREHOUSE

A) EMPLOYEE PER 8 HOUR SHIFT	3 EMPLOYEES	
B) SELF STORAGE, PER UNIT (UP TO 200 UNITS) ADD 1 GALLON FOR EACH 2 UNITS OVER 200 UNITS	790 UNITS	
C) AVERAGE FLOW	15 GPD/EMPLOYEE	
D) AVERAGE FLOW	1 GPD/UNIT	
E) PER CAPITA FLOW FACTOR	1	
F) PEAK DAY FACTOR	2	
G) PEAK HOUR FACTOR	3	
AVERAGE FLOW = (A x C x E) + (B x D x E)		
	540 GPD	
MAXIMUM DAY DEMAND	1,080 GPD	
MAXIMUM HOUR DEMAND	2.3 GPM	
ESTIMATED MONTHLY FLOW	16200 GAL	

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