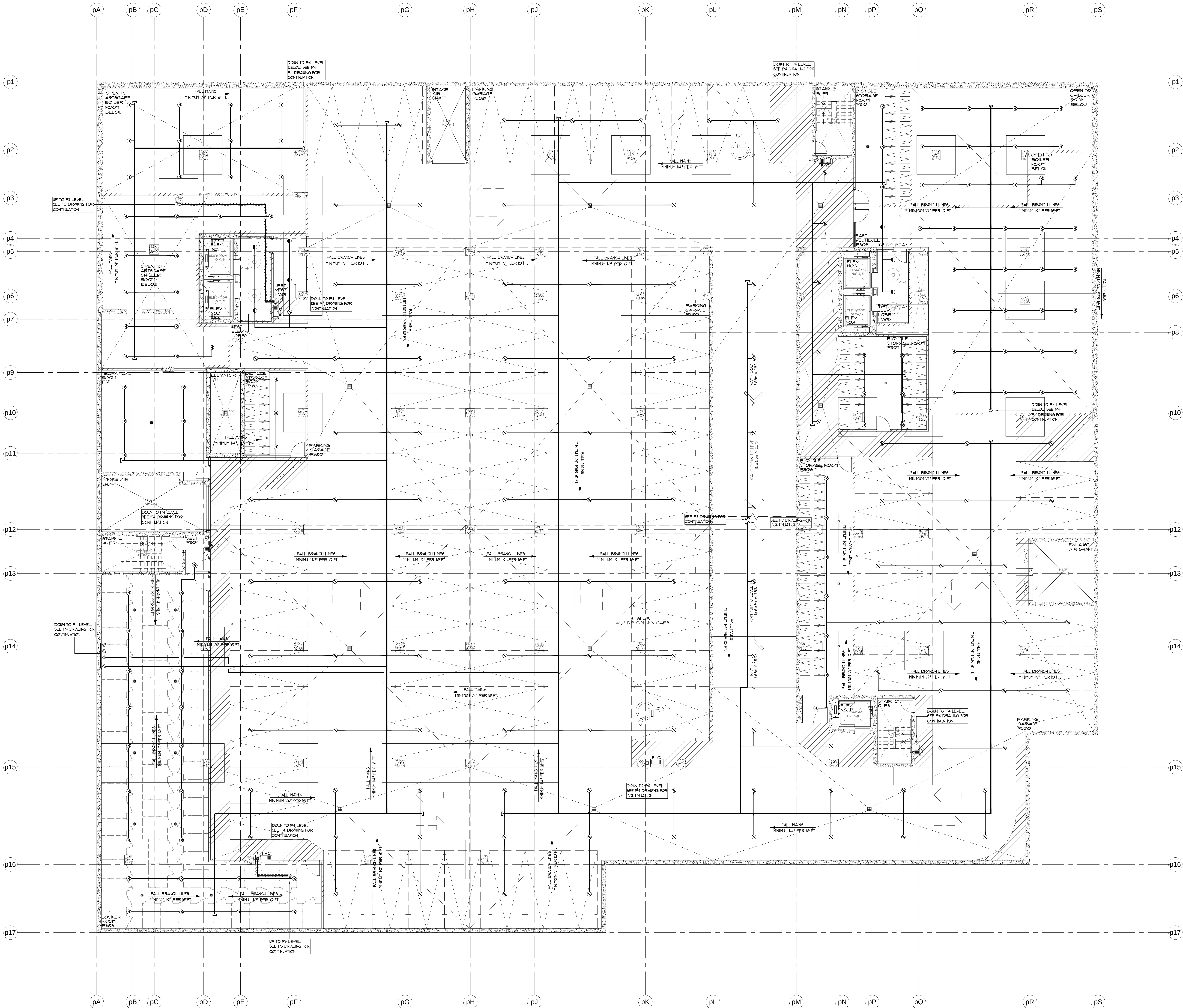




P3 PARKING LEVEL (-36'-11") - SPRINKLERS
SCALE 1/8" = 1'-0"

REVISIONS		
1.0	ISSUED FOR TENDER	10/15/15
2.0	ISSUED FOR TENDER - ADDENDUM #1	10/23/15

- NOTES**
- SPRINKLER SYSTEM DESIGN CRITERIA:**
- PARKING GARAGE:
AS PER NFPA 13 ORD. HAZARD GR. 1 0.15/1950 SQ. FT. (1500X13 FOR DRY SYSTEM)
PLUS 250 GPM IH AND OH
- RETAIL SPACE:
AS PER NFPA 13 ORD. HAZARD GR. 2 0.2/1500 SQ. FT. PLUS 250 GPM IH AND OH
- RESIDENTIAL UNITS:
SHALL BE THE GREATER OF THE FOLLOWING:
1. IN ACCORDANCE WITH MINIMUM FLOW RATES INDICATED IN INDIVIDUAL LISTINGS
2. CALCULATED BASED ON DELIVERING A MINIMUM OF 0.1 GPM/FT² OVER THE DESIGN AREA IN ACCORDANCE WITH THE PROVISIONS OF 8.5.2.1 OR 8.6.2.1.2
- PLUS 100 GPM FOR IH & OH
- MECHANICAL PENTHOUSE:
AS PER NFPA 13 ORD. HAZARD GR. 2 0.2/1500 SQ. FT. PLUS 250 GPM IH & OH
- STANDPIPE SYSTEM DESIGN CRITERIA**
- 50 GPM FOR THE MOST REMOTE 1 1/2" OUTLET
PLUS 50 GPM FOR ONE ADDITIONAL OUTLET AT A PRESSURE OF 65 PSI FED THROUGH FIRE DEPARTMENT CONNECTION
- 250 GPM FOR THE MOST REMOTE 2 1/2" OUTLET
PLUS 250 GPM FOR ONE ADDITIONAL OUTLET AT A PRESSURE OF 65 PSI FED THROUGH FIRE DEPARTMENT CONNECTION

- SPRINKLER PIPING NOTES:**
1. SPRINKLER MAIN PIPING IN CORRIDORS ON RESIDENTIAL LEVELS IS TO BE SCHEDULE 10 BLACK STEEL TYPE PIPE
 2. SPRINKLER BRANCHLINE PIPING IN RESIDENTIAL UNITS IS TO BE BLACKWATER OR BLACK STEEL SCHEDULE 10/40 TYPE PIPE

SPRINKLER LEGEND	
TYCO SERIES EC-14 3/4" 155°F EC SR BRASS UPRIGHT SPRINKLER K=14.0 OH 1 MAX. COV. 20'X20' MAX. 12" DEFLECTOR	113
TYCO SERIES EC-14 3/4" 155°F EC SR BRASS UPRIGHT SPRINKLER K=14.0 OH 1 MAX. COV. 20'X20' MAX. 12" DEF. ON 1.25" OUTLETS	107
1/2" 212°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	
1/2" 165°F SC OR CONCEALED PENDENT SPRINKLER C/W WHITE COVERPLATE K= 5.6 LH	7
1/2" 280°F SC OR CHROME PENDENT SPRINKLER K= 5.6 LH	
VIKING MODEL VK488 FREEDOM RESIDENTIAL SEMI-RECESSED CHR. PENDENT SPRINKLER C/W CHROME ESCUTCHEON PLATE 1/2" K=4.9 155°F	
VIKING MODEL VK460 FREEDOM RESIDENTIAL HORIZONTAL CHROME SIDEWALL SPRINKLER C/W CHROME ESCUTCHEON PLATE 1/2" K=5.8 155°F 8" DEFLECTOR U.N.O.	
FIRE HOSE CABINET SEE DETAIL SHEET SP1	6

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PROJECT		AQUAVISTA AT BAYSIDE TORONTO MERCHANT'S WHARF TORONTO, ONTARIO	
DWG TITLE		P3 PARKING LEVEL SPRINKLER LAYOUT	
DATE	JUNE 2015	PROJECT NO.	15-678
SCALE	1/8"=1'-0"	DWG NO.	SP4
DWN BY	M.B.	ISSUED FOR REVISION NO.	2.0
		OF SP21	