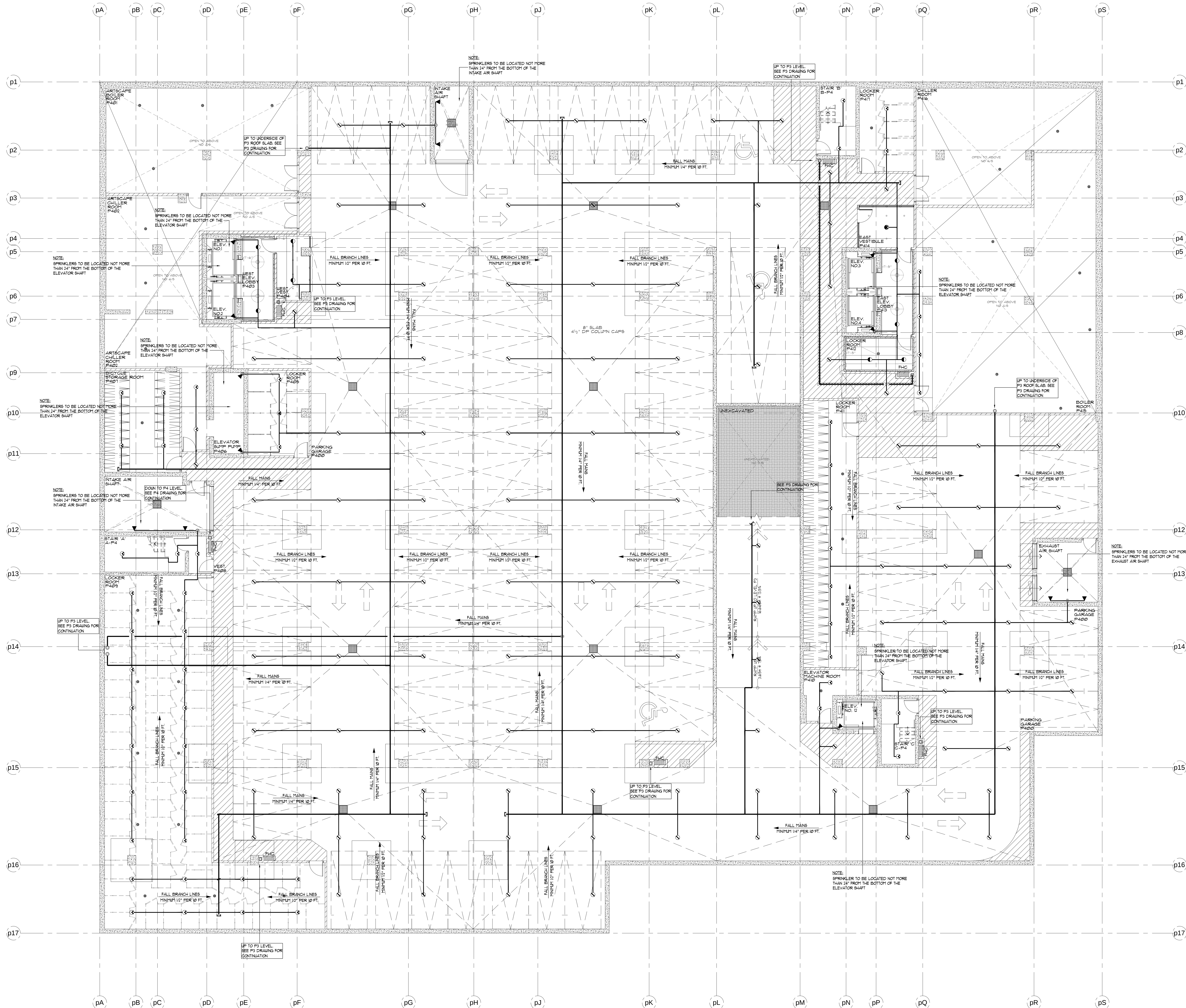




REVISIONS		
1.0	ISSUED FOR TENDER	10/15/15
2.0	ISSUED FOR TENDER - ADDENDUM #1	10/23/15

NOTES

SPRINKLER SYSTEM DESIGN CRITERIA:
PARKING GARAGE:
AS PER NFPA 13 ORD. HAZARD GR. 1 0.15/1950 SQ. FT. (1500X1.3 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 250 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 BLACKMASTER OR BLACK STEEL SCHEDULE 10/40 TYPE PIPE

SPRINKLER LEGEND

TYCO SERIES EC-14 3/4" 150' EC SR BRASS UPRIGHT SPRINKLER K=14.0 OH 1 MAX. COV. 20'X20' MAX. 12" DEFLECTOR	111
TYCO SERIES EC-14 3/4" 150' EC SR BRASS UPRIGHT SPRINKLER K=14.0 OH 1 MAX. COV. 20'X20' MAX. 12" DEF. ON 1.25" OUTLETS	54
1/2" 165°F SC SR BRASS UPRIGHT SPRINKLER K= 5.6 OH	9
1/2" 165°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	13
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	
1/2" 212°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	
VIKING MODEL VK460 FREEDOM RESIDENTIAL HORIZONTAL CHROME 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	

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10/23/15
OFFICE OF ENGINEERING

PROJECT: AQUAVISTA AT BAYSIDE TORONTO
MERCHANT'S WHARF TORONTO, ONTARIO

DWG TITLE: P4 PARKING LEVEL SPRINKLER LAYOUT

DATE: JUNE 2015	PROJECT NO. 15-678
SCALE: 1/8"=1'-0"	DWG NO. SP5
DWN BY: M.B.	ISSUED FOR REVISION NO. 2.0

P4 PARKING LEVEL (-45'-3") - SPRINKLERS
SCALE 1/8" = 1'-0"