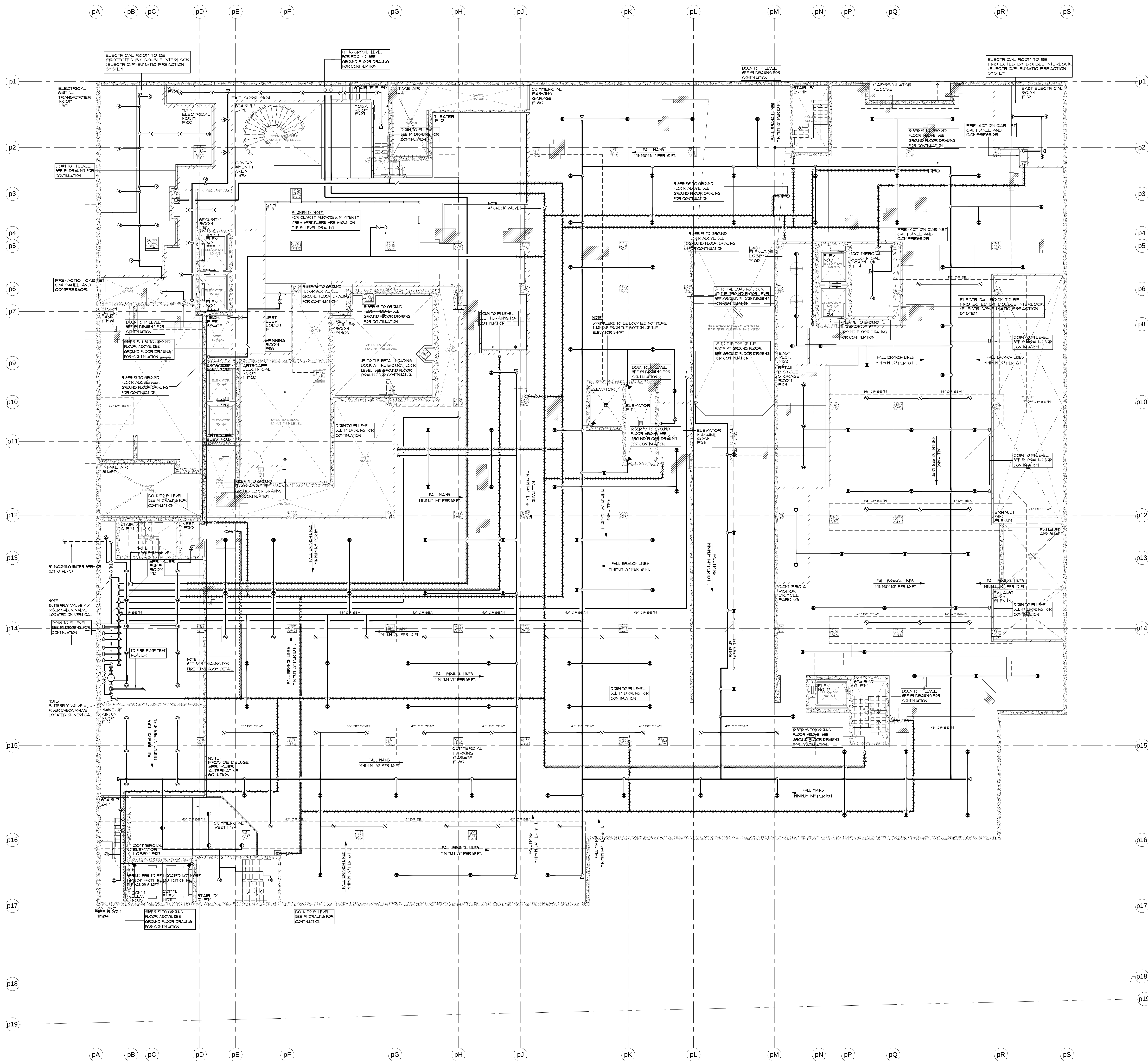




PI MEZZANINE LEVEL (- 8'-6") - SPRINKLERS
SCALE 1/8" = 1'-0"

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 H AND OH

RETAIL SPACE:
AS PER NFPA 13 ORD. HAZARD GR. 2 0.2/1500 SQ. FT. PLUS 250 GPM H 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 H & OH

MECHANICAL PENTHOUSE:
AS PER NFPA 13 ORD. HAZARD GR. 2 0.2/1500 SQ. FT. PLUS 250 GPM H AND 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:

- SPRINKLER MAIN PIPING IN CORRIDORS ON RESIDENTIAL LEVELS IS TO BE SCHEDULE 10 BLACK STEEL TYPE RISE PIPE
- 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	37
	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	106
	1/2" 165°F SC SR BRASS UPRIGHT SPRINKLER K= 5.6 ON 1" OUTLETS	25
	1/2" 165°F SC SR BRASS UPRIGHT SPRINKLER K= 5.6	35
	1/2" 212°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	5
	1/2" 165°F SC OR CONCEALED PENDENT SPRINKLER C/W WHITE COVERPLATE K= 5.6 LH	7
	VIKING MODEL VK460 FREEDOM RESIDENTIAL SEMI-RECESSED CHRM. 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=5.8 165°F 8" DEFLECTOR U.N.O.	
	FIRE HOSE CABINET SEE DETAIL SHEET SP1	

SPRINKLER NOTES:

- SPRINKLER DEFLECTORS TO BE LOCATED MINIMUM 1" BELOW LIGHTS AND CAPITALS MAXIMUM 5" BELOW CONCRETE DECK
- ALL WET SPRINKLER PIPING LOCATED IN UNHEATED AREAS TO BE HEAT TRACED. (BY OTHERS)
- ALL EXTENDED COVERAGE SPRINKLERS LOCATED ON PI LEVEL TO BE INSTALLED ON 1 1/2" OUTLETS
- ALL STANDARD COVERAGE SPRINKLERS LOCATED ON PI LEVEL TO BE INSTALLED ON 1" OUTLETS
- SPRINKLER CONTRACTOR TO PROVIDE AUXILIARY DRAINS FOR ALL TRAPPED PIPING
- ALL FIRE HOSE CABINETS ARE AS PER THE LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS

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NORTH

STAMP

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

DWG TITLE: PI MEZZANINE LEVEL SPRINKLER LAYOUT

DATE: JUNE 2015	PROJECT NO.: 15-678
SCALE: 1/8"=1'-0"	DWG NO.: SP1
DWN BY: M.B.	ISSUED FOR REVISION NO. 2.0

OF SP21