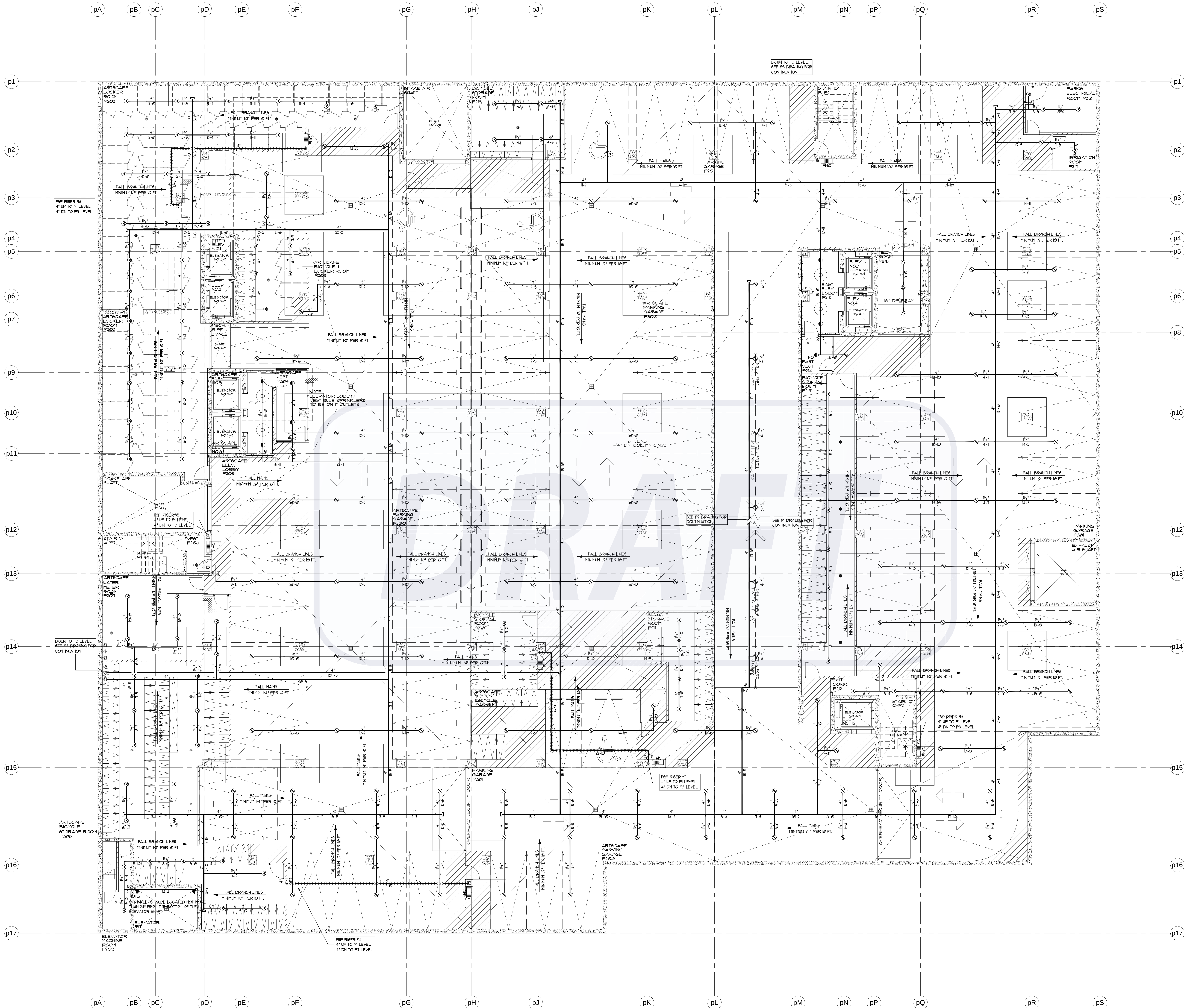




P2 PARKING LEVEL (-26'-11") - SPRINKLERS
SCALE 1/8" = 1'-0"

REVISIONS		
1.0	ISSUED FOR TENDER	10/15/15
2.0	ISSUED FOR TENDER - ADDENDUM #1	10/23/15
3.0	ISSUED FOR CONSTRUCTION	11/27/15

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 8.5.2.1.2
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 BLACKMASTER OR BLACK STEEL SCHEDULE 10/40 TYPE PIPE

SPRINKLER LEGEND

TYCO SERIES EC-14 3/4" 155°F	127
EC SR BRASS UPRIGHT SPRINKLER K=14.0 OH 1 MAX. COV. 20'X20' MAX. 12" DEFLECTOR	
1/2" 165°F SC SR BRASS UPRIGHT SPRINKLER K= 5.6 OH	85
1/2" 165°F SC SR BRASS UPRIGHT SPRINKLER K= 5.6 ON 1" OUTLETS	3
1/2" 165°F SC OR CONCEALED PENDENT SPRINKLER C/W WHITE COVERPLATE K= 5.6 LH	7
1/2" 212°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	2
FIRE HOSE CABINET SEE DETAIL SHEET SP1	6

- SPRINKLER NOTES:**
- SPRINKLER DEFLECTORS TO BE LOCATED MINIMUM 1" BELOW LIGHTS AND CAPITALS MAXIMUM 12" BELOW CONCRETE DECK
 - ALL UET SPRINKLER PIPING LOCATED IN UNHEATED AREAS TO BE HEAT TRACED (BY OTHERS)
 - ALL EXTENDED COVERAGE SPRINKLERS LOCATED ON P1 LEVEL TO BE INSTALLED ON 1/4" OUTLETS
 - ALL STANDARD COVERAGE SPRINKLERS LOCATED ON P1 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

TRIDEL
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NORTH

STAMP

PROFESSIONAL ENGINEER
REGISTERED
ON 27/09/2015
PROVINCE OF ONTARIO

PROJECT		AQUAVISTA AT BAYSIDE TORONTO MERCHANT'S WHARF TORONTO, ONTARIO	
DWG TITLE		P2 PARKING LEVEL SPRINKLER LAYOUT	
DATE	NOV. 27, 2015	PROJECT NO.	15-678
SCALE	1/8"=1'-0"	DWG NO.	SP3
DWN BY	M.B.	OF SP21	
ISSUED FOR REVISION NO.	3.0		