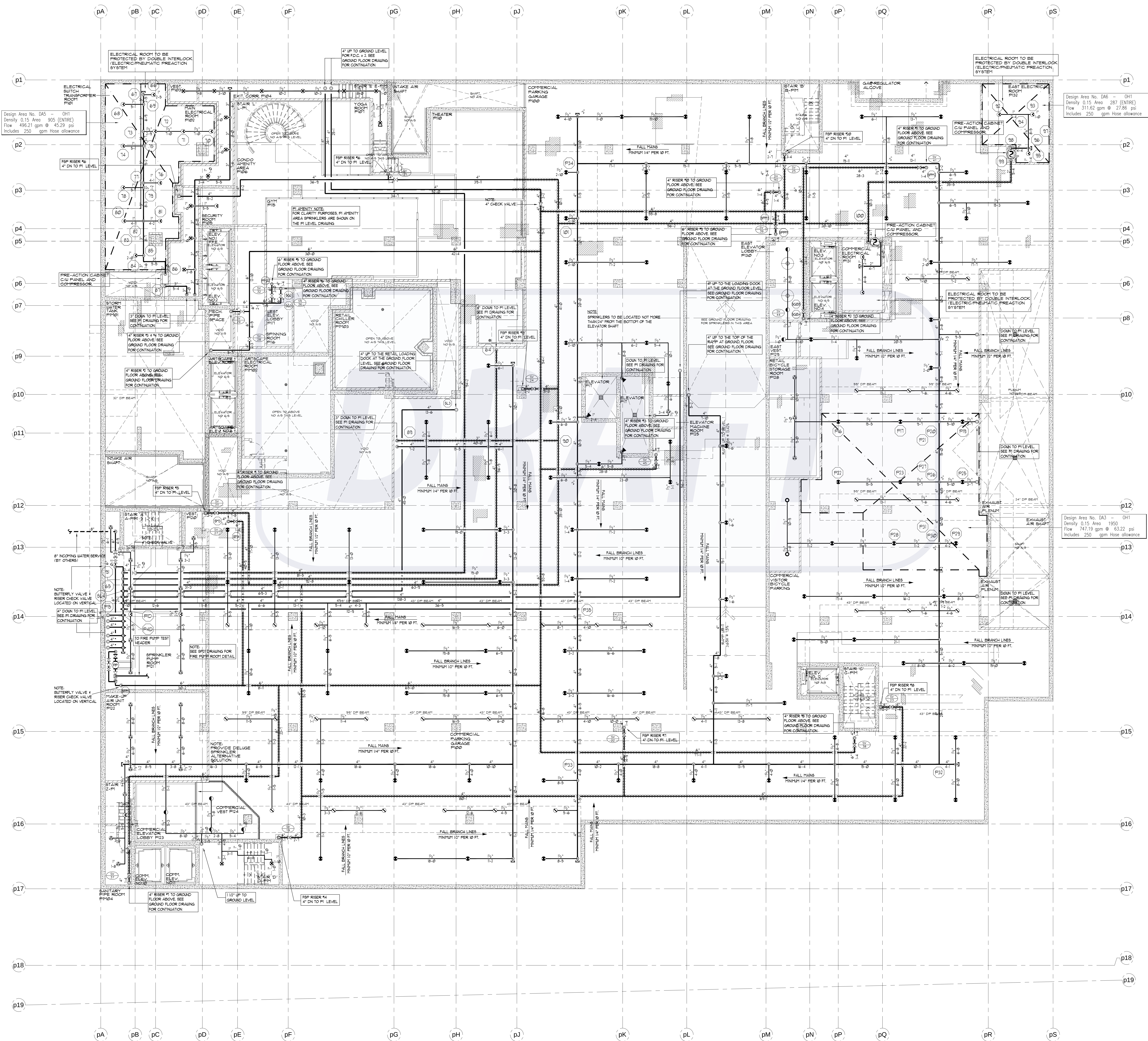




PI MEZZANINE LEVEL (-8'-6") - SPRINKLERS
SCALE 1/8" = 1'-0"

REVISIONS		
1.0	ISSUED FOR TENDER	10/15/15
2.0	ISSUED FOR TENDER - ADDENDUM #1	10/23/15
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 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 6.5.2.1
OR 6.5.2.1.2

PLUS 100 GPM FOR H & OH

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

- SPRINKLER MAIN PIPING IN CORRIDORS OR
RESIDENTIAL LEVELS IS TO BE SCHEDULE 10
BLACK STEEL TYPE PIPE
- SPRINKLER BRANCHLINE PIPING IN RESIDENTIAL
UNITS IS TO BE BLACKSTEEL 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 1/4" 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	23
	1/2" 165°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	20
	1/2" 212°F SC SR BRASS SIDEWALL SPRINKLER K= 5.6 OH	3
	1/2" 165°F SC OR CONCEALED PENDENT SPRINKLER C/W WHITE COVERPLATE K= 5.6 LH	7
	1/2" 165°F SC OR BRASS UPRIGHT SPRINKLER K= 5.6	15
	FIRE HOSE CABINET SEE DETAIL SHEET SP1	

SPRINKLER NOTES:

- SPRINKLER DEFLECTORS TO BE LOCATED
MINIMUM 1" BELOW LIGHTS AND CAPITALS
MAXIMUM 12" 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

TRIDEL

BUILT FOR LIFE

4800 Dufferin St
Toronto, Ontario M3H 5S9
(tel): 416-661-9290

MIRENDA

INCORPORATED

15171 Yonge Street Suite 202
Aurora Ontario L4G 1M1
(tel): 905-727-0092
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NORTH

STAMP

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

DWG TITLE: PI MEZZANINE LEVEL
SPRINKLER LAYOUT

DATE: NOV. 27, 2015	PROJECT NO.: 15-678
SCALE: 1/8"=1'-0"	
DWN BY: M.B.	DWG NO.: SP1
ISSUED FOR REVISION NO. 3.0	OF SP21