

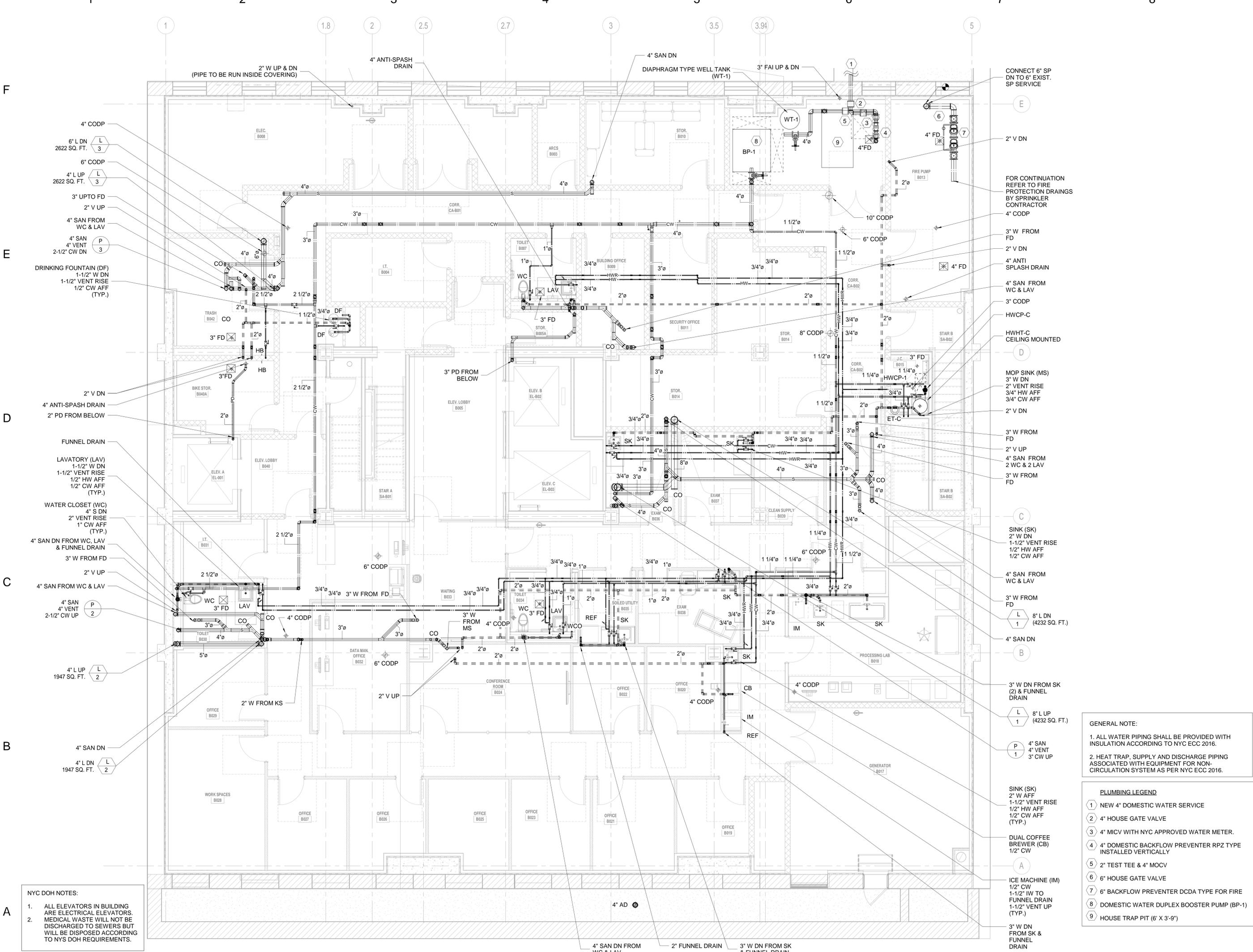
**GENERAL NOTES:**

- COORDINATE ALL UNDERGROUND PIPING WITH MAT FOUNDATION.
- REFER APPROVED SITE CONNECTION DRAWING FOR SEWER LOCATION AND ELEVATION.
- ALL PIPES ARE PITCHED WITH 1% SLOPE (1/8" PER FOOT).
- ALL INVERT ELEVATIONS (I.E.) ARE TAKEN WITH REFERENCE TO ARCHITECTURAL LEVEL 1 (E.L. 0'-0") AND REPRESENTS ELEVATION OF BOTTOM OF PIPE. DATUM ELEVATION FOR BUILDING SEWER EXIT POINT IS WITH REFERENCE TO NAVD88.
- PROVIDE BACKWATER VALVE TO COMBINED SEWER EXITING THE BUILDING IN HOUSE TRAP PIT.

**NYC DOH NOTES:**

- ALL ELEVATORS IN BUILDING ARE ELECTRICAL ELEVATORS.
- MEDICAL WASTE WILL NOT BE DISCHARGED TO SEWERS BUT WILL BE DISPOSED ACCORDING TO NYS DOH REQUIREMENTS.

1 UNDERGROUND PLUMBING PLAN  
1/4" = 1'-0"



**NYC DOH NOTES:**

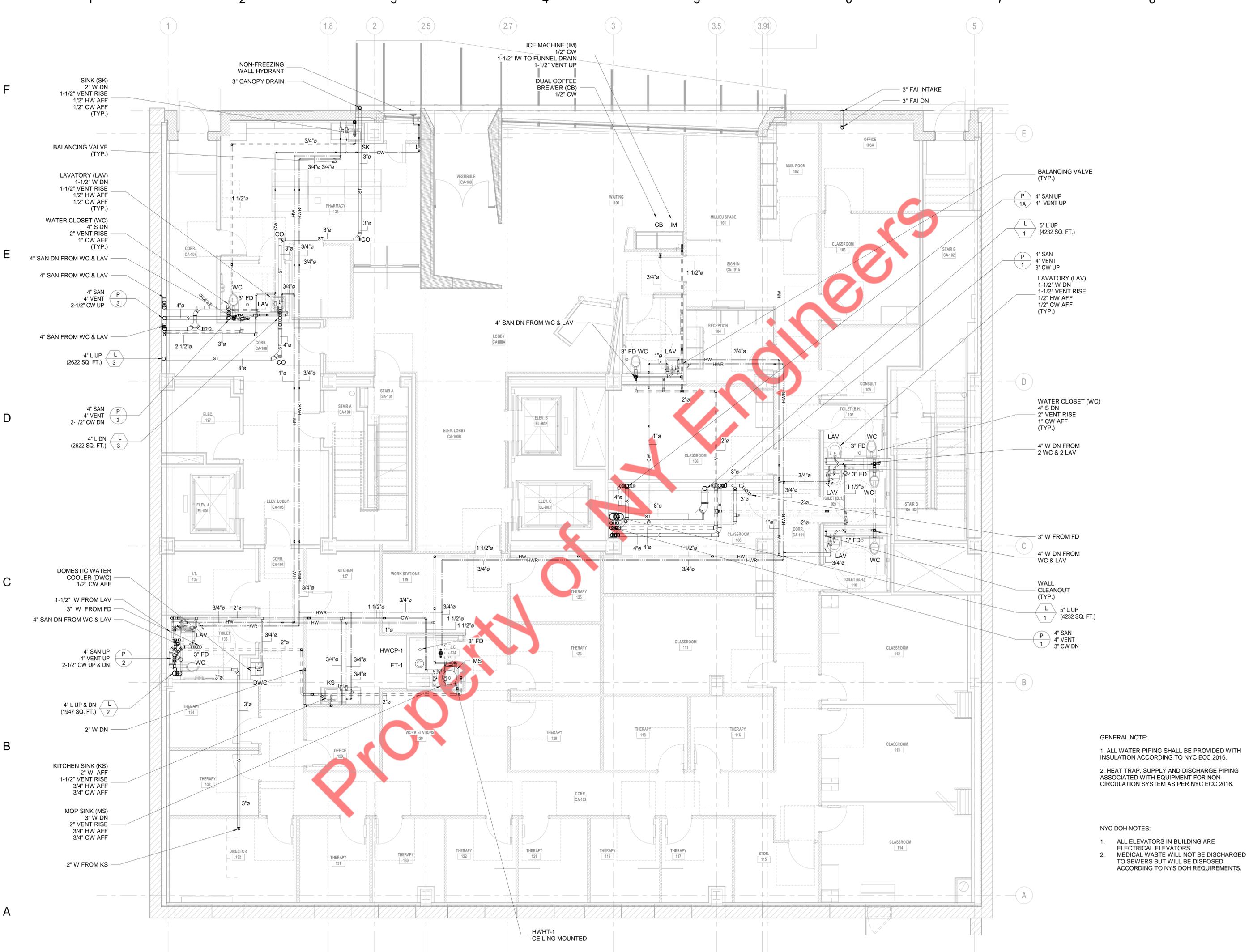
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2. MEDICAL WASTE WILL NOT BE DISCHARGED TO SEWERS BUT WILL BE DISPOSED ACCORDING TO NYS DOH REQUIREMENTS.

**GENERAL NOTE:**

1. ALL WATER PIPING SHALL BE PROVIDED WITH INSULATION ACCORDING TO NYC ECC 2016.
2. HEAT TRAP, SUPPLY AND DISCHARGE PIPING ASSOCIATED WITH EQUIPMENT FOR NON-CIRCULATION SYSTEM AS PER NYC ECC 2016.

- PLUMBING LEGEND**
- ① NEW 4" DOMESTIC WATER SERVICE
  - ② 4" HOUSE GATE VALVE
  - ③ 4" MICV WITH NYC APPROVED WATER METER.
  - ④ 4" DOMESTIC BACKFLOW PREVENTER RPZ TYPE INSTALLED VERTICALLY
  - ⑤ 2" TEST TEE & 4" MOCV
  - ⑥ 6" HOUSE GATE VALVE
  - ⑦ 6" BACKFLOW PREVENTER DCDA TYPE FOR FIRE
  - ⑧ DOMESTIC WATER DUPLEX BOOSTER PUMP (BP-1)
  - ⑨ HOUSE TRAP PIT (6' X 3'-9")

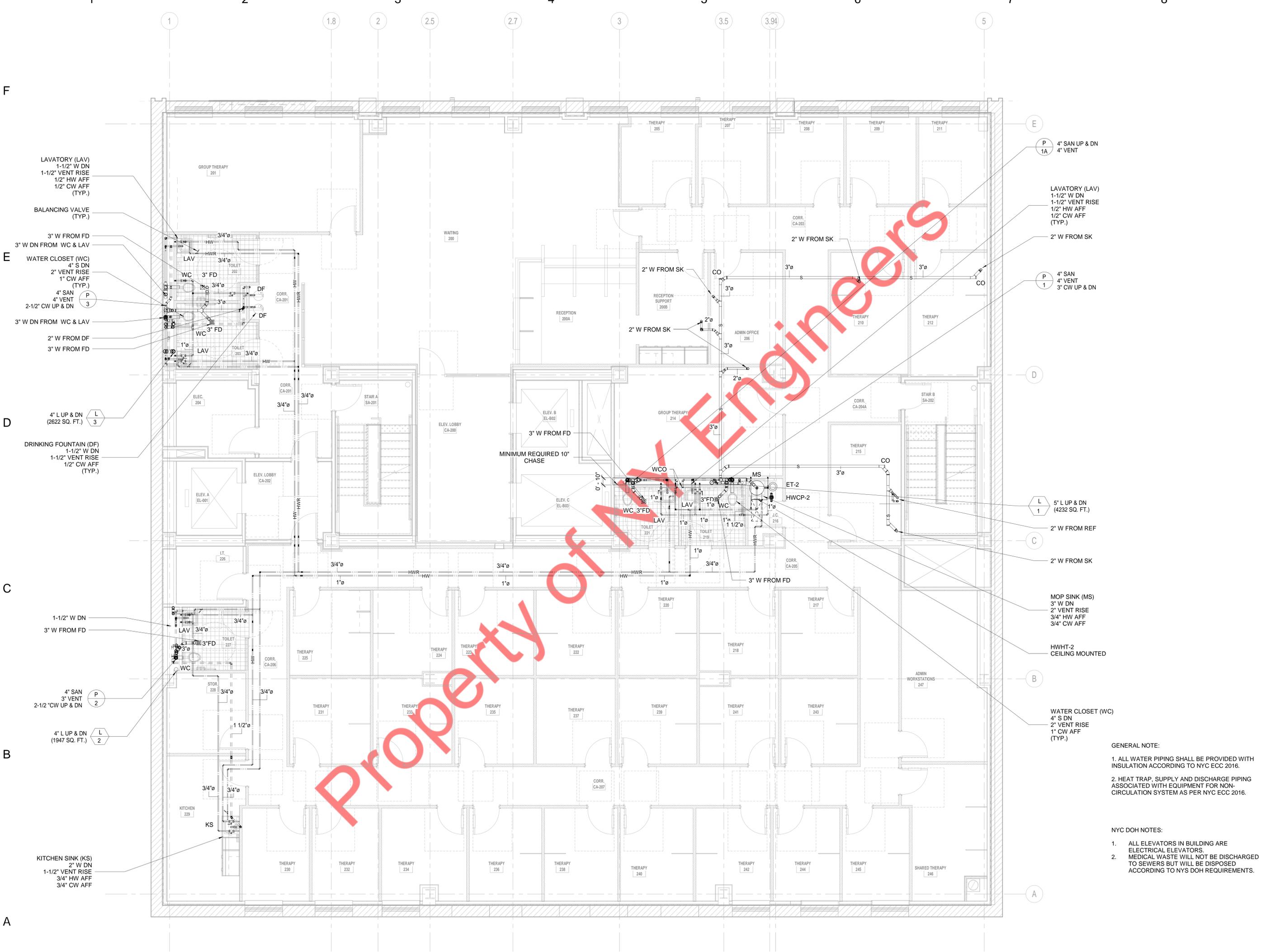
① CELLAR FLOOR PLUMBING PLAN  
1/4" = 1'-0"



1 FIRST FLOOR PLUMBING PLAN  
1/4" = 1'-0"

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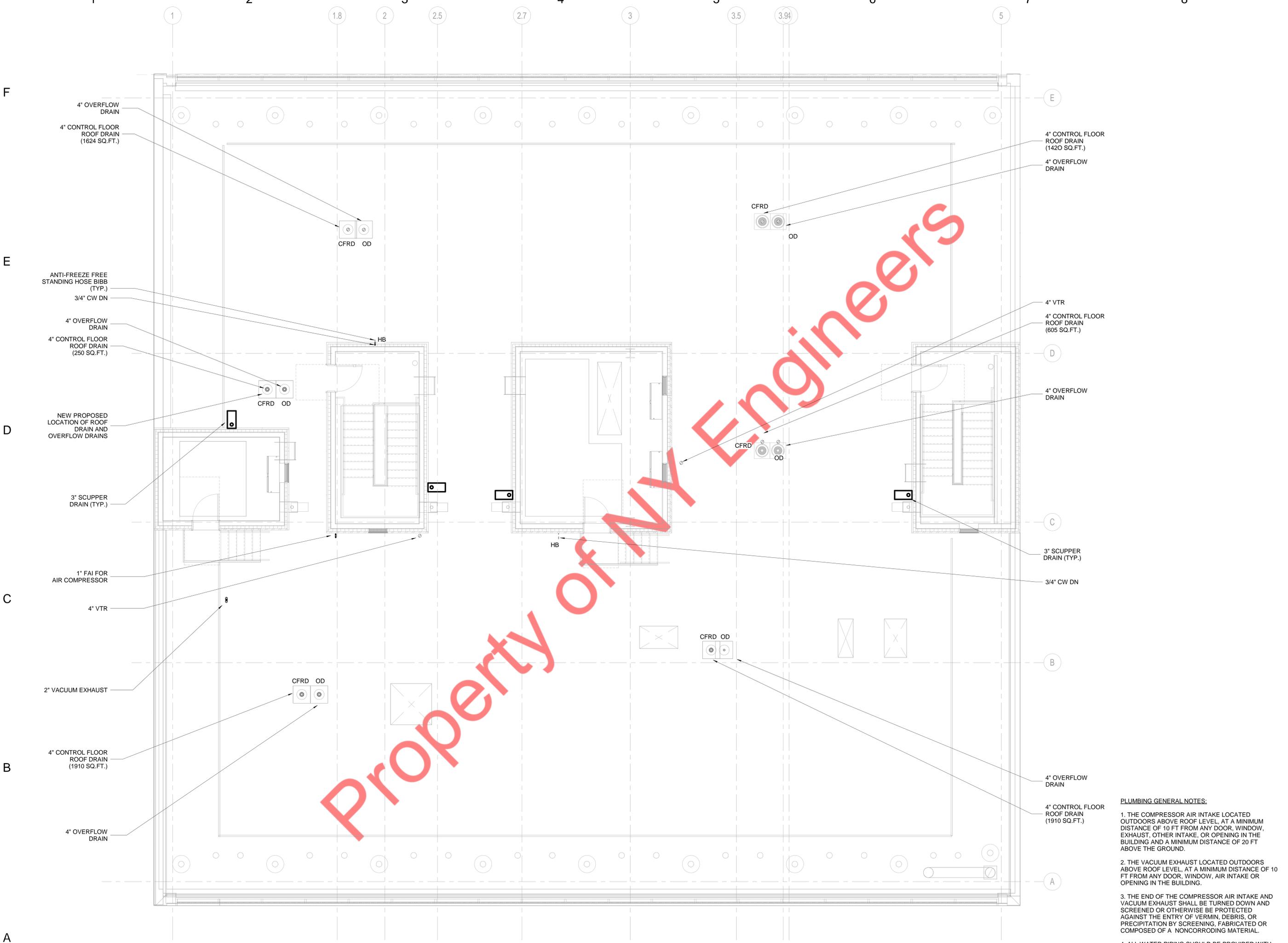
Property of M Engineers

- LAVATORY (LAV)  
1-1/2" W DN  
1-1/2" VENT RISE  
1/2" HW AFF  
1/2" CW AFF  
(TYP.)
- BALANCING VALVE  
(TYP.)
- 3" W FROM FD  
3" W DN FROM WC & LAV
- WATER CLOSET (WC)  
4" S DN  
2" VENT RISE  
1" CW AFF  
(TYP.)
- 4" SAN  
4" VENT  
2-1/2" CW UP & DN
- 3" W DN FROM WC & LAV
- 2" W FROM DF
- 3" W FROM FD
- 4" L UP & DN  
(2622 SQ. FT.)
- DRINKING FOUNTAIN (DF)  
1-1/2" W DN  
1-1/2" VENT RISE  
1/2" CW AFF  
(TYP.)
- 1-1/2" W DN  
3" W FROM FD
- 4" SAN  
3" VENT  
2-1/2" CW UP & DN
- 4" L UP & DN  
(1947 SQ. FT.)
- KITCHEN SINK (KS)  
2" W DN  
1-1/2" VENT RISE  
3/4" HW AFF  
3/4" CW AFF

- 4" SAN UP & DN  
4" VENT
- LAVATORY (LAV)  
1-1/2" W DN  
1-1/2" VENT RISE  
1/2" HW AFF  
1/2" CW AFF  
(TYP.)
- 2" W FROM SK
- 4" SAN  
4" VENT  
3" CW UP & DN
- 5" L UP & DN  
(4232 SQ. FT.)
- 2" W FROM REF
- 2" W FROM SK
- MOP SINK (MS)  
3" W DN  
2" VENT RISE  
3/4" HW AFF  
3/4" CW AFF
- HWHT-2  
CEILING MOUNTED
- WATER CLOSET (WC)  
4" S DN  
2" VENT RISE  
1" CW AFF  
(TYP.)

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- NYC DOH NOTES:**
1. ALL ELEVATORS IN BUILDING ARE ELECTRICAL ELEVATORS.
  2. MEDICAL WASTE WILL NOT BE DISCHARGED TO SEWERS BUT WILL BE DISPOSED ACCORDING TO NYS DOH REQUIREMENTS.

① SECOND FLOOR PLUMBING PLAN  
1/4" = 1'-0"



4" OVERFLOW DRAIN  
 4" CONTROL FLOOR ROOF DRAIN (1624 SQ.FT.)  
 ANTI-FREEZE FREE STANDING HOSE BIBB (TYP.)  
 3/4" CW DN  
 4" OVERFLOW DRAIN  
 4" CONTROL FLOOR ROOF DRAIN (250 SQ.FT.)  
 NEW PROPOSED LOCATION OF ROOF DRAIN AND OVERFLOW DRAINS  
 3" SCUPPER DRAIN (TYP.)  
 1" FAI FOR AIR COMPRESSOR  
 4" VTR  
 2" VACUUM EXHAUST  
 4" CONTROL FLOOR ROOF DRAIN (1910 SQ.FT.)  
 4" OVERFLOW DRAIN

4" CONTROL FLOOR ROOF DRAIN (1420 SQ.FT.)  
 4" OVERFLOW DRAIN  
 4" VTR  
 4" CONTROL FLOOR ROOF DRAIN (605 SQ.FT.)  
 4" OVERFLOW DRAIN  
 3" SCUPPER DRAIN (TYP.)  
 3/4" CW DN  
 4" OVERFLOW DRAIN  
 4" CONTROL FLOOR ROOF DRAIN (1910 SQ.FT.)

- PLUMBING GENERAL NOTES:**
1. THE COMPRESSOR AIR INTAKE LOCATED OUTDOORS ABOVE ROOF LEVEL, AT A MINIMUM DISTANCE OF 10 FT FROM ANY DOOR, WINDOW, EXHAUST, OTHER INTAKE, OR OPENING IN THE BUILDING AND A MINIMUM DISTANCE OF 20 FT ABOVE THE GROUND.
  2. THE VACUUM EXHAUST LOCATED OUTDOORS ABOVE ROOF LEVEL, AT A MINIMUM DISTANCE OF 10 FT FROM ANY DOOR, WINDOW, AIR INTAKE OR OPENING IN THE BUILDING.
  3. THE END OF THE COMPRESSOR AIR INTAKE AND VACUUM EXHAUST SHALL BE TURNED DOWN AND SCREENED OR OTHERWISE BE PROTECTED AGAINST THE ENTRY OF VERMIN, DEBRIS, OR PRECIPITATION BY SCREENING, FABRICATED OR COMPOSED OF A NONCORRODING MATERIAL.
  4. ALL WATER PIPING SHOULD BE PROVIDED WITH INSULATION ACCORDING TO NYC ECC 2016.
  5. ALL ELEVATORS IN BUILDING ARE ELECTRICAL ELEVATORS.

1 PLUMBING ROOF PLAN  
 1/4" = 1'-0"