

- KEYED NOTES**
- WALL SWITCHES FOR SF-SS AND EF-SS TO BE ACTIVATED UPON A LOSS OF POWER DURING A STORM EVENT. PROVIDE SIGNAGE VISIBLE IN SHELTER TO READ "SWITCH TO BE NORMALLY OFF" AND SHALL BE TURNED "ON" DURING A STORM EVENT. SIGNAGE SHALL MATCH OTHER SHELTER SIGNAGE. SEE ARCH.
 - SA AND RA UP AND TRANSITION TO FLEXIBLE UNIT CEILING.
 - FULL SIZE OF UNIT OPENING REQUIRED FOR AIR PLENUM.
 - 12x12 FEMA GRILLE WITH FD ON SHELTER SIDE OF GRILLE. SEE DETAIL.
 - 18x12 FEMA GRILLE WITH FD ON SHELTER SIDE OF GRILLE. SEE DETAIL.

STORM SHELTER CALCULATIONS

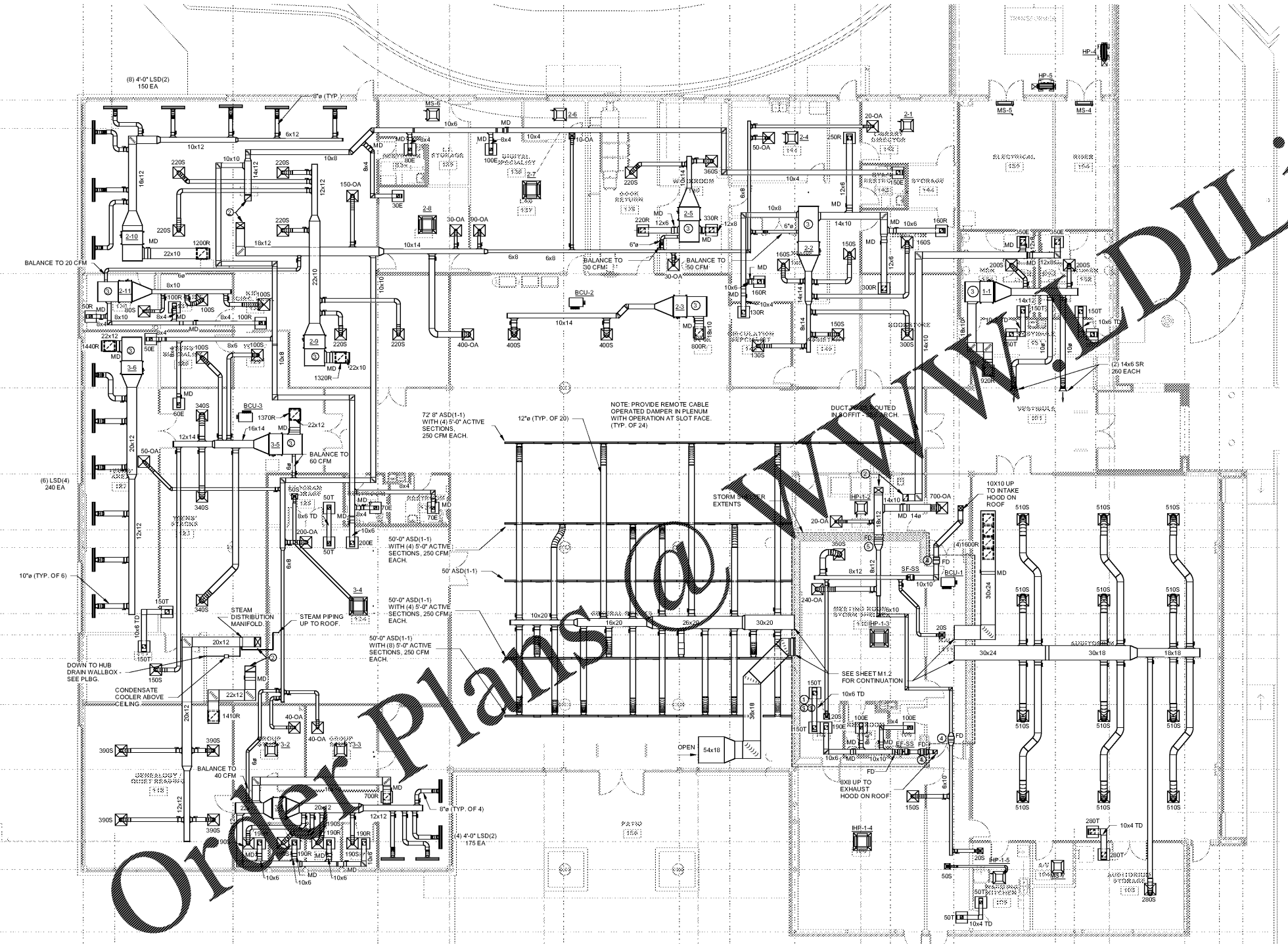
MECHANICAL VENTILATION SHALL BE PROVIDED FOR THE STORM SHELTER.

PER ICC 703 CHAPTER 7, PART 702.1.2 "MECHANICAL VENTILATION SHALL BE PROVIDED AT A MINIMUM MECHANICAL VENTILATION RATE OF REQUIRED OUTDOOR AIR IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE PROVISIONS FOR THE NORMAL USE OF THE SPACE. THE MECHANICAL VENTILATION SYSTEM SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM."

ALL FANS ARE ON EMERGENCY POWER AND SHALL BE CONTROLLED BY A WALL MOUNTED "ON/OFF" SWITCH.

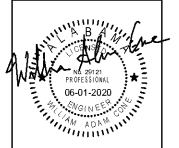
SEE OUTSIDE AIR CALCULATIONS BELOW FOR THE NORMAL USE VENTILATION REQUIREMENTS.

110 MEETING: [48X5 CFM/P + 591 SF X .06] / 0.9 = 345 CFM
 107 STORAGE: [68 SF X .12 CFM/SF] / 0.9 = 11 CFM
 111 CORRIDOR: [203 SF X .06 CFM/SF] / 0.9 = 16 CFM
 TOTAL REQUIRED (NORMAL USE) OUTSIDE AIR: 372 CFM
 TOTAL PROVIDED EMERGENCY OUTSIDE AIR: 390 CFM



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SHEET TITLE:
 HVAC - FLOOR PLAN

PROJ.MGR.: WAC
 DRAWN: TLM
 DATE: 06-01-2020
 REVISIONS:

JOB NO. 19-32
 SHEET NO. **M1.1**
 7 OF 9
 SEQUENCE NO. 73 / 90

1 HVAC - FLOOR PLAN
 1/8" = 1'-0"

