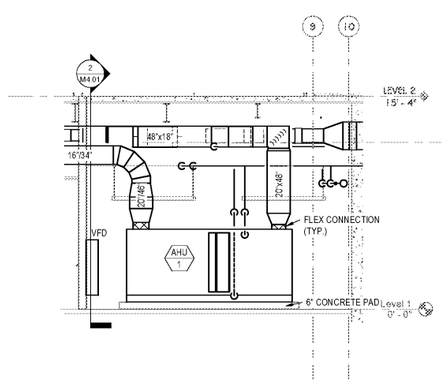
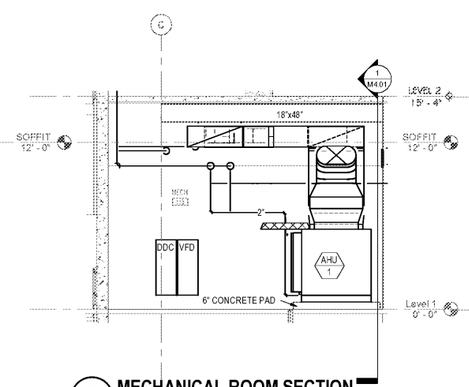
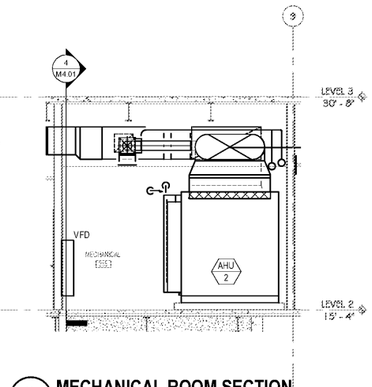


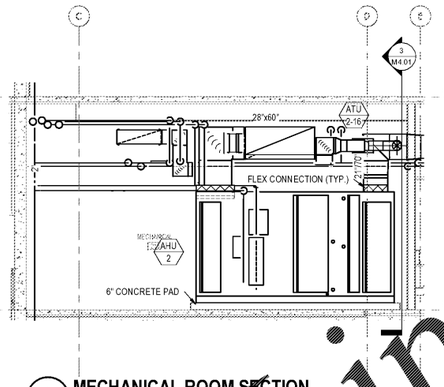
1 MECHANICAL ROOM SECTION
1/4" = 1'-0"



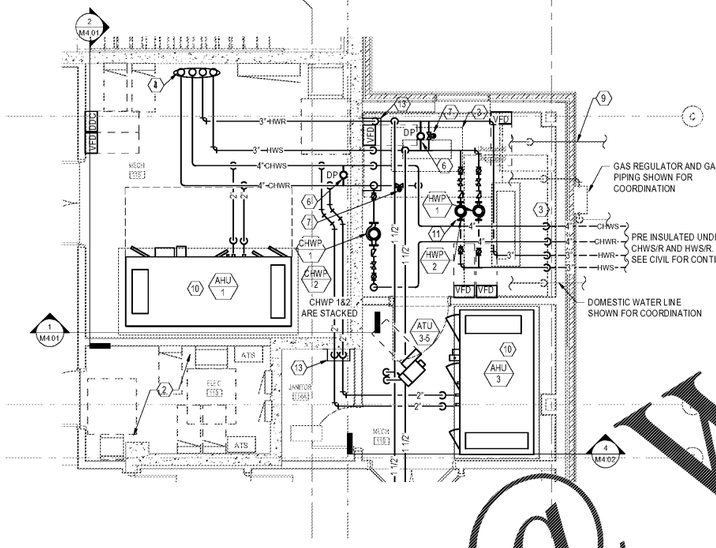
2 MECHANICAL ROOM SECTION
1/4" = 1'-0"



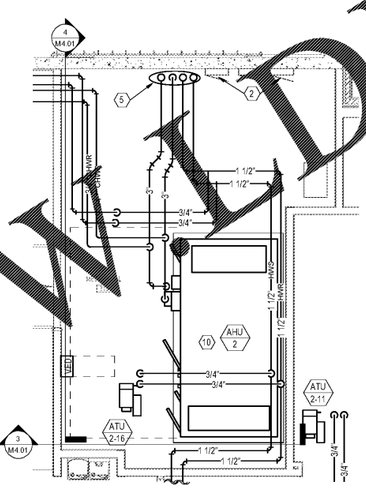
3 MECHANICAL ROOM SECTION
1/4" = 1'-0"



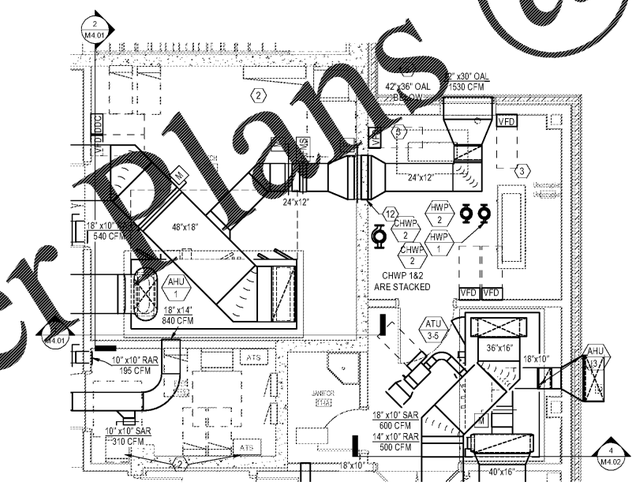
4 MECHANICAL ROOM SECTION
1/4" = 1'-0"



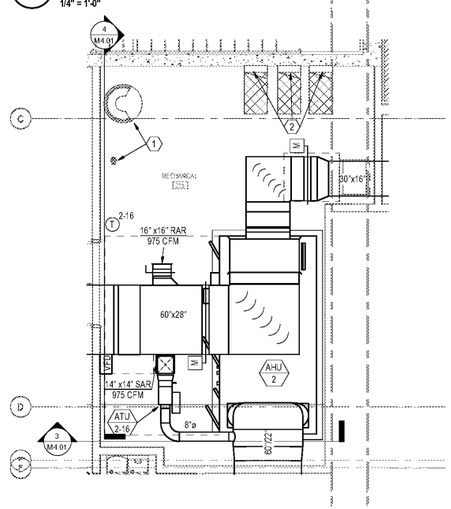
5 ENLARGED PIPING PLAN - 1ST FL MECH. RM.
1/4" = 1'-0"



6 ENLARGED PIPING PLAN - 2ND FL MECH. RM.
1/4" = 1'-0"



7 ENLARGED PLAN - 1ST FL MECH. RM.
1/4" = 1'-0"



8 ENLARGED PLAN - 2ND FL MECH. RM.
1/4" = 1'-0"

SHEET NOTES

1. GWH SHOWN FOR COORDINATION.
2. ELECTRICAL PANELS SHOWN FOR COORDINATION.
3. PLUMBING EQUIPMENT SHOWN FOR COORDINATION.
4. CHWS/R & HWS/R UP TO 2ND FLOOR.
5. PROVIDE 3"CHWS/R & 2" HWS/R UP TO 3RD FLOOR. FLOOR.
6. DIFFERENTIAL PRESSURE SENSOR.
7. MODULATION BYPASS VALVE.
8. PROVIDE OAL FOR PROVIDING INTAKE AIR FOR AIR COMPRESSOR AND VACUUM PUMP. MOUNT BOTTOM OF OAL +/- 2'-8" ABOVE FINISHED FLOOR. MOUNT BELOW 48"x24" OAL.
9. FIRE RISER SHOWN FOR COORDINATION.
10. ROUTE CONDENSATE TO FLOOR DRAIN.
11. MOUNT HOT WATER PUMPS AT +/- 7'-6", CLEAR FROM AIR COMPRESSOR CLEARANCE.
12. PROVIDE 38"x24" LOUVER WITHIN OUTSIDE AIR DUCT AT STORM SHELTER WALL PENETRATION. LOUVER SHALL BE UL CLASSIFIED, AND MEET THE ICC 500 GUIDELINES FOR DEBRIS IMPACT, SIMILAR TO GREENHECK AFL-501.
13. REFER TO DETAIL 10 ON SHEET M5.03 FOR SHELTER WALL PIPE PENETRATION. TYPICAL FOR ALL PIPE PENETRATIONS THROUGH THE SHELTER WALL.

GENERAL NOTES

1. MOUNT AIR HANDLING UNITS ON 6" CONCRETE PAD.
2. ROUTE CONDENSATE FROM AIR HANDLING UNITS TO FLOOR DRAIN.
3. VFDS SHALL BE OWNER PROVIDED, CONTRACTOR INSTALLED. COORDINATE WITH OWNER.

SCHMIDT
CONSULTING GROUP, INC.
MECHANICAL ELECTRICAL STRUCTURAL
COMMUNICATIONS INDUSTRIAL
ALABAMA LICENSE NUMBER 2542
901 W. Garden St. Pensacola FL 32502
P: 850.435.0000 F: 850.432.0631
WILLIAM JOSEPH JONES P.E.
ALABAMA LICENSE NUMBER 25171
SCG PROJECT: 2016-151

2701 1st Avenue S
Birmingham, AL 35233
T 205.879.4462
@MCNETWORK.COM

ISSUE	DATE
ISSUE FOR BID	2018.05.25

DRAWN BY: CAD
CHECKED BY: WJJ

SIMULATION LABORATORY
BUILDING - USA JOB #16-07
MOBILE, ALABAMA
ABC #2017372
GMC # AMOB160019

ALABAMA LICENSED 25171 PROFESSIONAL ENGINEER WILLIAM JOSEPH JONES

ENLARGED PLANS & SECTIONS

M4.01

sheet of

5/21/2018 1:32:52 PM

Order Plans @ WWW.DILine.com GMC