

11/17/2021 4:16 PM  
PLX2107-AM210.DWG

1. All drawings are to be coordinated with all site information by owner and contractor, and applicable codes.  
2. Contractor is to notify architect immediately of conditions or items varying from depicted information.  
3. Planworx Architecture, P.A. is not responsible for constructed variations from the information depicted.  
4. Planworx Architecture, P.A. will not assume any liability for expenses associated with errors and omissions on these drawings unless offset by verified construction savings as a result of planworx architecture, P.A. Design.  
5. Planworx Architecture, P.A. retains ownership of all of designs depicted and implied herein.  
6. Planworx Architecture, P.A. is not responsible for estimating, maintaining, or regulating construction costs associated with these plans.  
© Copyright 2021 - PLANWORX ARCHITECTURE, P.A. All rights reserved. Reproduction of this sheet, in whole or in part, is strictly prohibited. Plans may be used once by client. Unauthorized use strictly prohibited. PLANS NOT VALID FOR CONSTRUCTION W/O APPROPRIATE PROFESSIONAL SEALS.

GENERAL NOTES - THIS SHEET

1. ENSURE THAT ALL SOURCES OF BUILDING EXHAUST ARE A MINIMUM OF 10' HORIZONTALLY FROM OR A MINIMUM OF 3' ABOVE ANY AREA MECHANICAL OUTSIDE AIR INTAKES.

TAGGED NOTES - THIS SHEET

1

SUPPLY/RETURN DUCTWORK INSTALLED IN ATTIC SPACE. COORDINATE DUCT ROUTING W/ AREA TRUSSES.

2

AIR HANDLER INSTALLED IN ATTIC ON MECHANICAL PLATFORM. ENSURE AH IS POSITIONED SO THAT REQ'D MAINTENANCE CLEARANCES ARE MAINTAINED. SEE DETAIL.

3

HEAT PUMP TO BE INSTALLED ON EQUIPMENT PAD. COORDINATE EXACT LOCATION AND PAD W/ G.C.. ENSURE ALL MFG REQUIRED CLEARANCES ARE MAINTAINED.

4

DOOR W/ WEATHERPROOF LOUVER AND INSECT SCREEN BY G.C.. LOUVER TO HAVE MINIMUM FREE AREA OF 215 SQIN.

5

SUSPENDED INLINE EXHAUST FAN TO BE INSTALLED IN ATTIC SPACE. ENSURE ALL MFG MAINTENANCE CLEARANCES ARE MAINTAINED.

6

EXHAUST UP TO ROOF CAP WITH INSECT SCREEN. MAINTAIN 10' HORIZONTAL OR 3' VERTICAL CLEARANCE FROM ALL BUILDING AIR INTAKES.

7

RECESSED UNIT HEATER TO BE INSTALLED LOW ON WALL (12" AFF). COORDINATE EXACT LOCATION W/ AREA EQUIPMENT AND G.C..

8

INSTALL OUTSIDE AIR INTAKE GRILLE IN OVERHANG CEILING. TURN BLADES TO FACE WALL. ENSURE 10' MINIMUM CLEARANCE IS MAINTAINED FROM ALL BUILDING EXHAUST.

9

MINIMUM 30X22 ATTIC ACCESS HATCH IN CEILING BY G.C..

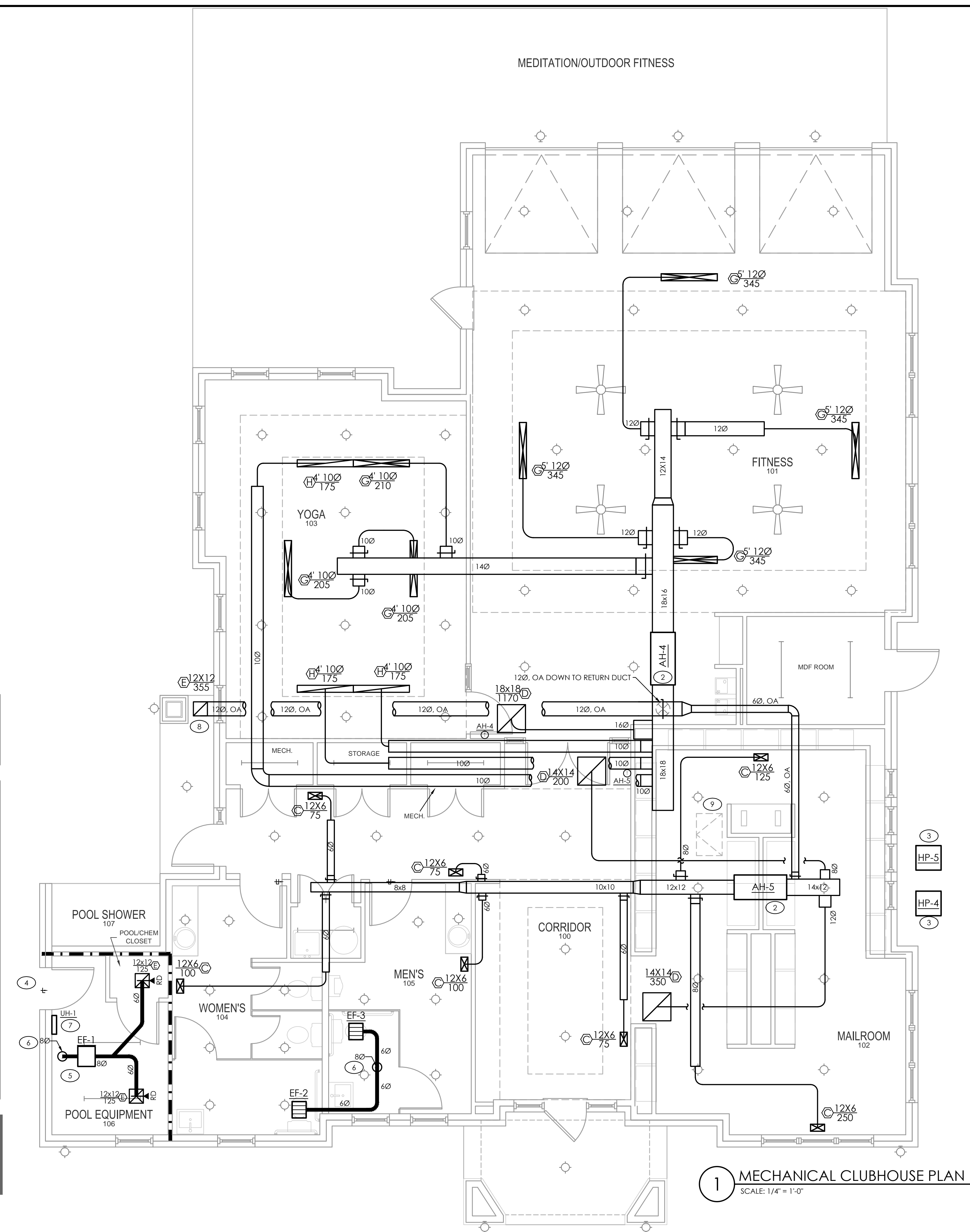
NOTE (VENTILATION CALCULATIONS):

POOL EQUIPMENT: 10' (H) \* 108 SQFT = 1080 CUFT @ 10 ACH = 180 CFM

\*200 CFM PROVIDED

CHEMICAL STORAGE: 10' (H) \* 12 SQFT = 120 CUFT @ 10 ACH = 20 CFM

\*50 CFM PROVIDED



FIRE RATING LEGEND  
- - - - - 1-HR WALL  
\* POOL EQUIPMENT AND CHEM. STOR. CEILINGS ARE 1-HR RATED

P

PLANWORX  
ARCHITECTURE

5711 SIX FORKS ROAD, SUITE 100  
RALEIGH NC 27609  
website www.planworx.com

Oasis at Surfside - Phase II

Zimmer Development Company

Cape Coral, Florida

PERMIT SET

MAPLE  
ENGINEERING, PLLC  
708 ST. MARKS ST.  
RALEIGH, NC 27605  
P:919.341.4247 F:919.893.3797  
PLUMBING MECHANICAL ELECTRICAL

PROGRESS DATE: 11/17/21

ISSUE DATE:

REVISIONS  
NUMBER

DATE

INITIALS

DESCRIPTION

PROJECT NO: 002221

DRAWN BY: JAK

CHECKED BY: ZLT

SHEET TITLE:  
MECHANICAL  
FITNESS PLAN

SHEET NUMBER:  
M2.10