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## Oasis at Surfside - Phase II

# Zimmer Development Company

Cape Coral, Florida

# PERMIT SET



**MAPLE**  
ENGINEERING, PLLC  
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ING MECHANICAL ELECTRICAL

[illegible]

PROJECT NO: 002221

RAWN BY: JAK

SHEET TITLE:

# MECHANICAL MAINTENANCE PLAN

SHEET NUMBER: \_\_\_\_\_

M5.10

NATURAL VENTILATION CALCULATIONS				
ROOM	AREA (SQFT)	OPERABLE OPENINGS (SQFT)	PERCENTAGE OF TOTAL FLOOR AREA (SQFT)	REQUIRED OUTSIDE AIR (CFM)
MAINTENANCE BAY	292	77	26.4%	0

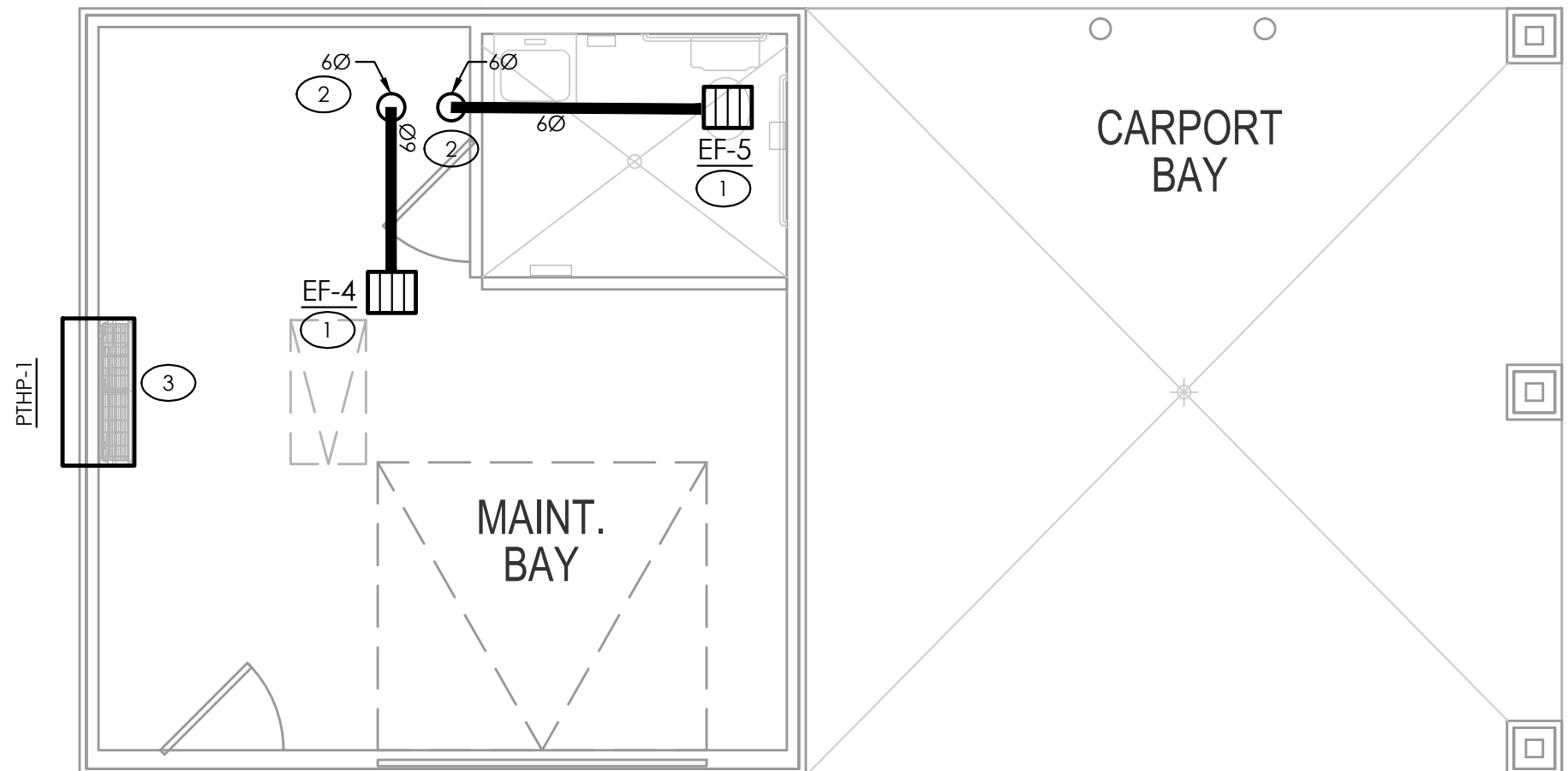
## GENERAL NOTES - THIS SHEET

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 SUSPENDED LINE INFINE EXHAUST FAN TO BE INSTALLED IN ATTIC SPACE. ENSURE ALL MFG MAINTENANCE CLEARANCES ARE MAINTAINED.
- ② EXHAUST UP TO ROOF CAP WITH INSECT SCREEN. MAINTAIN 10' HORIZONTAL OR 3' VERTICAL CLEARANCE FROM ALL BUILDING AIR INTAKES.
- ③ PACKAGED THROUGH THE WALL AC/ELECTRIC HEAT UNIT TO BE INSTALLED LOW ON WALL. UNIT TO BE INSTALLED MINIMUM 12" ABOVE FINISHED FLOOR. COORDINATE EXACT INSTALLATION HEIGHT WITH G.C. AND ARCHITECT. DRAIN CONDENSATE TO EXTERIOR GRADE AWAY FROM FOOT TRAFFIC.

NOTE (VENTILATION CALCULATIONS):  
 MAINTENANCE BAY: 10' (H) \* 292 SQFT = 2920 CUFT @ 10 ACH =  
 486 CFM  
 \*500 CFM PROVIDED



# 1 MECHANICAL MAINTENANCE PLAN