

**MEP KEY NOTES:**

- 1 MAGNETIC DOOR HOLD-OPEN. CCT THRU FIRE ALARM SYSTEM
- 2 BASEBOARD HEATER MOUNTED HIGH ON WALL OR AT CENTERLINE OVER DOOR. SET THERMOSTAT AT 50°F.
- 3 CONDENSING UNITS (TYP).
- 4 CIRCUIT THROUGH PHOTOCELL TO HOUSE PANEL.
- 5 50 HP FIRE PUMP, CONTROLLER.
- 6 5 HP JOCKEY PUMP, CONTROLLER.
- 7 ELEVATOR SUMP PUMP.
- 8 BRASCH WALL MOUNTED MULTI-GAS DETECTOR AT 5'-0" AFF (TYP).
- 9 BRASCH MULTI-GAS DETECTOR CONTROL PANEL. PROVIDE INTERCONNECTION WITH INTERMITTENT OPERATION GARAGE VENTILATION FANS.
- 10 RAIN TIGHT GARAGE EXHAUST LOUVER WITH 2HR FIRE DAMPER. DISCHARGE TO BE 10'-0" ABOVE GRADE AND MAINTAIN 10'-0" CLEAR FROM ALL BUILDING OPENINGS AND MECHANICAL INTAKES. REFER TO SCHEDULE FOR SIZE AND SPECIFICATION.
- 11 RAIN TIGHT GARAGE INTAKE AIR LOUVER WITH 2HR FIRE DAMPER. REFER TO SCHEDULE FOR SIZE AND SPECIFICATION.
- 12 SMOKE AND HEAT DETECTOR AT TOP AND BOTTOM OF ELEVATOR SHAFT.
- 13 PIT LIGHT WITH WIRE GUARD AND GFI RECEPTACLE.
- 14 ELEVATOR RAIN TIGHT RELIEF LOUVER PER MANUFACTURERS REQUIREMENTS.
- 15 ELEVATOR CONTROLLER & SHUNT-TRIP BREAKER.
- 16 CEILING MOUNTED EXHAUST FAN WITH INTERMITTENT TIMER. DUCT TO WALL CAP. SET OPERATION FOR 15 MINUTES EVERY HOUR.
- 17 WALL CAP.
- 18 POOL PUMPS, VOLTAGE AND HP TO BE CONFIRMED BY POOL CONTRACTOR.
- 19 CONDUCTOR PODIUM 3HR RATED PENETRATION TOP/FROM GROUND/2ND FLOOR.
- 20 DUPLEX STORM SUMP PUMP WITH CONTROLLER, ALARM AND INDEPENDENT DISCONNECT.
- 21 TRASH COMPACTOR, 208V, 3PHASE, SHP. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- 22 ELEVATOR LANDING 2-WAY COMMUNICATION. REFER TO DETAIL.
- 23 BUILDING SIGNAGE. VERIFY EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS. CCT THROUGH PHOTOCELL TO HOUSE PANEL.
- 24 10'X10' TRANSFORMER PAD WITH 208V, 3-PHASE, SECONDARY BY POWER COMPANY. MAINTAIN AUSTIN ENERGY REQUIRED CLEARANCE AROUND TRANSFORMER PAD.
- 25 FIRE DAMPER.
- 26 COORDINATE CONTROLLED ACCESS WITH ARCHITECTURAL PLANS.
- 27 HORIZONTAL AHU MOUNTED IN FURR DOWN AS HIGH AS POSSIBLE. PROVIDE FIRE DAMPER WITH ACCESS PANEL AT OUTSIDE AIR DUCT PENETRATION OF RATED ASSEMBLY. ROUTE CONDENSATE TO HUB DRAINS IN GARAGE MAINT. ROOM, ELEV2 ROOM, STORAGE OR CLUBHOUSE WOMENS RESTROOM.
- 28 4"X8" OUTSIDE AIR INTAKE DUCT. EXTEND TO FURR DOWN. PROVIDE HONEYWELL Y8150 INTERMITTENT CONTROLLER AND MANUAL VOLUME DAMPER. MOTORIZED DAMPER AND MANUAL VOLUME SHALL BE ACCESSIBLE. PROVIDE FIRE DAMPER AND ACCESS PANEL AT PENETRATION OF RATED CEILING (REFER TO DETAIL).
- 29 120V, 1PH, 1HP ENTRY GATE POWER. VERIFY EXACT LOCATION.
- 30 WALL MOUNTED DUCTLESS MINI-SPLIT AHU. EXTEND 3/4" CONDENSATE TO HUB DRAIN. EXTEND CCT PER MFG REQUIREMENTS. VERIFY MFG LINE LENGTH CAPABILITIES.
- 31 DUCTLESS MINI-SPLIT CONDENSING UNIT ON TRAPEZE. MAINTAIN MFG REQUIRED CLEARANCE FROM WALLS. MAINTAIN 84" AFF MIN.
- 32 DUPLEX SANITARY GRINDER PUMP WITH CONTROLLER, ALARM AND INDEPENDENT DISCONNECT. REFER TO SCHEDULE & DETAIL.
- 33 HAND DRYER.
- 34 12"x24" ACCESS PANEL FOR CORRIDOR CONDENSATE COLLECTION HUB DRAIN ACCESS.
- 35 CONDUCTORS FOR OPPOSITE SIDE OF BUILDING TO BE ROUTED OVERHEAD AND THROUGH FIREWALL. PROVIDE UL LISTED FIRE STOPPING METHOD FOR CONDUCTOR PASSAGE. REFER TO ARCHITECTURAL PLANS FOR FIREWALL DETAILS. INSTALL IN ACCORDANCE WITH NEC 225.11.

**GENERAL NOTES:**

1. PROVIDE NEC REQUIRED WORKING SPACE FOR ALL ELECTRICAL EQUIPMENT. REFER TO DETAIL.
2. ALL EXTERIOR RECEPTACLES SHALL BE WRAPP GFI.
3. REFER TO SITE PLAN FOR EXACT LOCATION OF ALL HOUSE METERS.
4. REFER TO ARCHITECTURAL AND LANDSCAPE PLANS FOR FINAL CONDENSING UNIT LOCATIONS PRIOR TO INSTALLATION.
5. IF PRESENT, PROVIDE 5'-0" CLEAR FROM ALL ELECTRICAL DEVICES AND 4'-0" CLEAR FROM BUILDING OPENINGS FROM ALL GAS REGULATORS.
6. PROVIDE 3'-0" CLEARANCE BETWEEN ENVIRONMENTAL EXHAUST DISCHARGE AND ALL BUILDING INTAKES AND OPENINGS.
7. PROVIDE 10'-0" CLEARANCE BETWEEN BUILDING EXHAUST OR VENT DISCHARGE AND ALL BUILDING INTAKES AND OPENINGS.
8. PROVIDE GRAVITY DAMPERS ON ALL OUTSIDE AIR INTAKES AND BUILDING EXHAUST.
9. FLASH AND COUNTER FLASH ALL PENETRATIONS WATERTIGHT.



**FIRST FLOOR - MECHANICAL, ELECTRICAL AND PLUMBING**

SCALE: 1/8" = 1'-0"