

ELECTRICAL NOTES

- ALL 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER CIRCUIT BREAKER, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. PER NEC 2020, ARTICLE 210.12(A)
- ELECTRICAL WORKS SHALL BE PER NEC 2020 AND CITY OF DALLAS ELEC. ORDINANCE.
- PANTRY CEILING LIGHTS PROVIDE LENS COVERS.
- GUEST LAUNDRY, VENDING & PUBLIC RESTROOMS PROVIDE CONTINUOUS OR ENTRY ACTIVATED LIGHTING.
- THERE SHALL BE A 30" X 48" CLEAR SPACE PROVIDED @ ALL CONTROL DEVICES. I.E. SWITCHES, THERMOSTAT CONTROLS.
- WORKING CLEARANCE @ ALL SERVICEABLE ELECTRICAL EQUIPMENT SHALL COMPLY WITH 2020 NEC 110.26 AND 240.24D. NOTE OVERHEAD CLEARANCES FROM FOREIGN SYSTEMS AS PER 110.26F1 (A&B).
- RECEPTACLE, SWITCHES, DATA PORTS, TELEPHONE OUTLETS SHOWN ON PLANS ARE NEW, PROVIDE WIRING AS REQUIRED TO COMPLY WITH THE 2020 NEC.
- DISCONNECTING MEANS AND EQUIPMENT SERVING OUTLETS FOR ALL HVAC EQUIPMENT MOUNTED, HEAT PUMPS AND PTAC UNIT EQUIPMENTS SERVICING OUTLET SHALL ALSO COMPLY SHALL COMPLY WITH CHAPTER 10 SECTION 10.93(1)E, AND SHALL BE INDEPENDENTLY WITH CHAPTER 10, SECTION 10.93(1)F.
- J-BOXES AND EQUIPMENT LOCATED ABOVE GYPSUM BOARD AND OTHER INACCESSIBLE CEILINGS, SHALL BE ACCESSIBLE AS PER NEC 2005 314.29 AND ARTICLE 100.
- PROVIDE COMPLIANCE WITH IECC 2018 FOR AUTOMATIC LIGHTING SHUT-OFF.
- THE USE OF PRE APPROVED DECORATIVE LIGHT FIXTURES MANUFACTURER IS HIGHLY RECOMMENDED TO ENSURE NO ISSUES WITH INSTANT-ON BALLAST LIGHT LEVELS OR INTERIOR DESIGN APPROVALS. ALL DECORATIVE LIGHTS MUST BE APPROVED BY THE INTERIOR DESIGN DEPARTMENT AS PART OF THE FF&E SUBMITTAL PRIOR TO PURCHASE/INSTALLATION.
- ALL WIRING SHALL BE COPPER IN CONDUIT (UNO), ROMEX CAN BE USED IF CITY WILL PERMIT.
- PROVIDE A PHONE IN ELEVATOR, FITNESS ROOM, YOGA ROOM AND POOL AREA THAT WILL AUTOMATICALLY RING THE MAINTENANCE OFFICE.
- PROVIDE A PERMANENT CIRCUIT DIRECTORY (BASE ON AS BUILT CONDITIONS) POSTED BEHIND PANELBOARD DOORS, CIRCUIT AND PANEL LABELS BY MEANS APPROVED BY AHJ.

KEY NOTES:

- MSB-1, CAB 1, 150AT,3P,NEMA-1,FDS
- MSB-2, CAB 2, 150AT,3P,NEMA-1,FDS
- CAB-1 LIGHT AND FAN, TOP HOISTWAY LIGHT, HOISTWAY PIT LIGHT LOCKABLE DISCONNECTS WIRE TO ELEVATOR 1 CONTROLLER
- CAB-2 LIGHT AND FAN, TOP HOISTWAY LIGHT, HOISTWAY PIT LIGHT LOCKABLE DISCONNECTS WIRE TO ELEVATOR 2 CONTROLLER
- SUMP PUMP CONTROLLER & ALARM BOX
- PROVIDE TYPE "EV" LIGHT FIXTURE AND RECEPTACLE, LOCATE IN PIT AS DIRECTED BY ELEVATOR CONTRACTOR.
- SUMP PUMP MOTOR, RUN BELOW GRADE ONE 3/4" C TO CONTROL BOX AT ELEV. MACHINE ROOM.
- PROVIDE 3/4" C WITH PULL ROPE TO OUTDOOR UNIT, E.C. TO COORDINATE WORKS WITH MECHANICAL CONTRACTOR.
- 3/4" C CONDUIT FOR TO SERVE OUTLET, RUN BELOW GRADE & TERMINATE UP IN CEILING.
- 3/4" C CONDUIT FOR TO SERVE DATA/VOICE, RUN BELOW GRADE & TERMINATE UP IN CEILING.

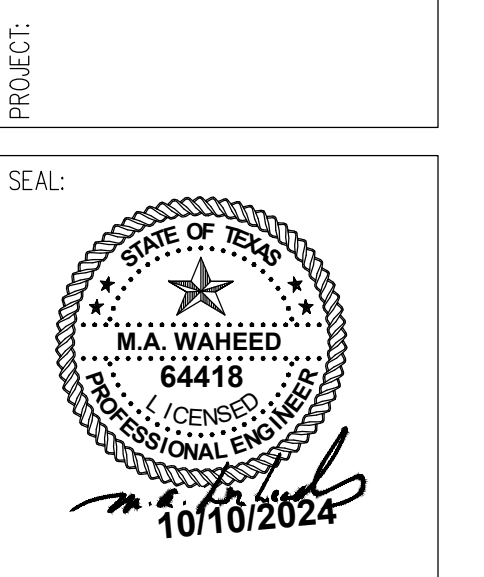
LEGEND

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| | EXHAUST FAN | | RECEPTACLE, 120V DUPLEX (ABOVE COUNTER) |
| | CARBON MONOXIDE DETECTOR | | RECEPTACLE, 120V DUPLEX WEATHER PROOF |
| | 120V SMOKE ALARM | | GROUND FAULT INTERRUPTER 120V DUPLEX |
| | TELEPHONE OUTLET | | 50A, 208V RANGE OUTLET |
| | DATA PORT | | RECEPTACLE, GFI ABOVE CEILING |
| | TELEVISION OUTLET | | SINGLE SWITCH |
| | DISCONNECT SWITCH, NON-FUSED | | 3-WAY SWITCH |
| | DISCONNECT SWITCH, FUSED | | FAN LIGHT SWITCH |
| | JUNCTION BOX | | PADDLE FAN SWITCH |
| | RECEPTACLE, 208V SINGLE, SEE SCHEDULE FOR AMP RATING | | CIRCUIT HOMERUN TO PANEL 1A CKT. 2 |
| | RECEPTACLE, 120V SINGLE, | | |
| | RECEPTACLE, 120V DUPLEX | | |

NOTE: LOWER SUBSCRIPT BESIDE FIXTURE DENOTES SWITCH GROUP

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| REVISIONS: | DATE: |
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TITLE:
POWER LAYOUT BUILDING PLAN - BASEMENT

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| DATE: 04/30/2024 | SCALE: |
| DRAWN: | CHECKED: |
| PROJECT # | |
| SHEET NO: | E3.01 |

1 POWER LAYOUT BUILDING PLAN - BASEMENT
 1/8"=1'-0"