Red lines equal initiation loop.
Green lines equal annunciation loop.

ELECTRICAL 110
1/4" = 1'-0"

FIRE PUMP MEZZANINE
1/4" = 1'-0"

NORTH

PROJECT NOTES:

1. ALL 120V RECEPTACLES IN KITCHENS AND BATHROOMS SHALL BE GFIC

GAS RANGE	120V, 20A, SIMPLEX RECEPTACLE MOUNT AT 18" AFF WITHIN CABINETRY
RANGE HOOD	120V, DIRECT CONNECTION AT HOOD
DISPOSER	120V, DIRECT CONNECTION MOUNT AT 18" AFF WITHIN CABINETRY
DISHWASHER	120V, DIRECT CONNECTION MOUNT AT 18" AFF WITHIN CABINETRY
ELEC OVEN	120V, DIRECT CONNECTION MOUNT AT 30" AFF
CONV OVEN	120V, DIRECT CONNECTION MOUNT AT 54" AFF
MICROWAVE	120V, 20A DUPLEX RECEPTACLE MOUNT AT 6" ABOVE COUNTERTOP

12. DO NOT INSTALL FLUSH MOUNTED BOXES BACK-TO-BACK IN WALLS; PROVIDE A MINIMUM 24 INCH SEPARATION. WHERE 24 INCH SEPARATION IS NOT PHYSICALLY POSSIBLE, APPROVAL FOR CLOSER SPACING SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO ROUGH-IN. IN SUCH CASES, PROVIDE UL LISTED FIRESTOP PADS FOR BOXES.
13. ENSURE THAT OUTLET BOXES IN COMMON WALLS OF DWELLING UNITS ARE SEALED AGAINST AIR FILTRATION THROUGH THE USE OF CAULKING DRYWALL TO THE BOX AND PROVIDING COVER PLATE GASKETS.
14. UNLESS SPECIFICALLY OTHERWISE NOTED 3-PHASE LOADS SHALL BE CIRCUITED WITH 3 #12, 1 #12GND, IN A 3/4" CONDUIT.
15. JUNCTION BOX FOR FUTURE LIGHT BY OWNER. PROVIDE CONDUIT AND WIRING FROM JUNCTION BOX TO WALL MOUNTED SWITCH AND TO UNIT LOAD CENTER'S LIGHTING CIRCUIT.
16. JUNCTION BOX FOR FUTURE ELECTRIC CAR CHARGER LOCATION. PROVIDE CONDUIT, WIRE AND EMPTY BOXES ONLY. RUN CONDUIT TO ELEC 110, CAP AND LABEL FOR FUTURE USE. MOUNT JUNCTION BOXES AT 24" ABOVE GARAGE FLOOR, VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
17. PROVIDE A 120V, 20A, GFI RATED DUPLEX RECEPTACLE AT 42"AFF AT WET BAR AND PROVIDE A SEPARATE 120V, 20A CONNECTION FOR WINE COOLER. COORDINATE EXACT LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
18. CONNECTION FOR FUTURE FIREPLACE. PROVIDE CONDUIT, AND WIRING FROM JUNCTION BOX TO WALL MOUNTED SWITCH AND TO A SEPARATE CIRCUIT BREAKER IN THE UNIT'S LOAD CENTER. COORDINATE THE EXACT LOCATION OF FIREPLACE CONNECTION AND SWITCH PRIOR TO ROUGH-IN.
19. COORDINATE EXACT LOCATION OF FLOOR BOXES WITH ARCHITECTS DRAWINGS.
20. CIRCUIT ROOFTOP MECHANICAL UNITS OU-1, OU-2, AND OU-3 ON WITH 3 #6, 1 #8 GND, IN A 1" CDT. CIRCUIT ROOFTOP MECHANICAL UNIT OU-4 WITH 3 #8, 1 #10 GND, IN A 3/4" CDT.
21. SEE SHEET E1.05 FOR SINGLE LINE DIAGRAM.
22. PROVIDE A 60A/3P DISCONNECT SWITCH FOR ELEVATOR CONTROLLER ABOVE THE CEILING IN CORRIDOR 400, IMMEDIATELY OUTSIDE THE ELEVATOR. CIRCUIT TO A 50A/3P CB IN PANEL HP1 #38,40,42. ALSO PROVIDE A 120V, 20A RECEPTACLE ABOVE CEILING, ADJACENT TO DISCONNECT SWITCH. CIRCUIT TO HALL RECEPTACLE CIRCUIT HP1 #8. COORDINATE EXACT LOCATION WITH ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
23. PROVIDE A 120V CONNECTION TO DISCONNECT SWITCH PROVIDED WITH ELECTRICAL BASEBOARD HEATER, CIRCUIT AS INDICATED. PROVIDE A 120V CONNECTION FOR LINE VOLTAGE THERMOSTAT TO BE PROVIDED BY DIVISION 15. ATC CONTRACTOR TO PROVIDE CONTROL WIRING BETWEEN THERMOSTAT AND AND HEATER.
24. COORDINATE ALL MECHANICAL WORK WITH MECHANICAL AND AUTOMATIC TEMPERATURE CONTROL CONTRACTORS PRIOR TO ROUGH-IN. MECHANICAL UNITS SHALL NOT HAVE ANY ELECTRICAL EQUIPMENT MOUNTED ONTO THE UNIT WITHOUT PRIOR CONSENT OF MECHANICAL CONTRACTOR.
25. PROVIDE A CONNECTION TO A 60A/3P DISCONNECT SWITCH FOR CAR LIFT SYSTEM POWER PACK. CAR LIFT INSTALLER TO PROVIDE ALL OTHER REQUIREMENTS. VERIFY EXACT LOCATION WITH ARCHITECT AND CAR LIFT INSTALLER.
26. PROVIDE A 20A/1P CIRCUIT BREAKER IN PANEL HP1B #50 FOR THE ATC CONTROL PANEL. ALL WIRING FROM ATC PANEL, INCLUDING WIRING FROM CIRCUIT BREAKER TO PANEL SHALL BE PROVIDED AND PERFORMED BY THE ARC CONTRACTOR.
27. DH-25 AND DH-26 SHALL BE PROVIDED WITH BUILT-IN DISCONNECT SWITCHES AND A 120V:24V TRANSFORMER TO CONTROL CIRCUITS. PROVIDE A 120V CONNECTION FOR THE CONTROL CIRCUIT TRANSFORMERS, CIRCUIT BOTH TO PANEL HP1B #52.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 10/01/14

Lawrence G. Bartlett
LICENSED
3/11/14

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01/27/14 50% Pricing Set
02/26/14 100% Construction Documents
03/12/14 Revised Const Docs

Scale: 3/16" = 1'-0"

Date: 27 JAN 2014

GROUND FLOOR ELECTRICAL PLAN

E1.01