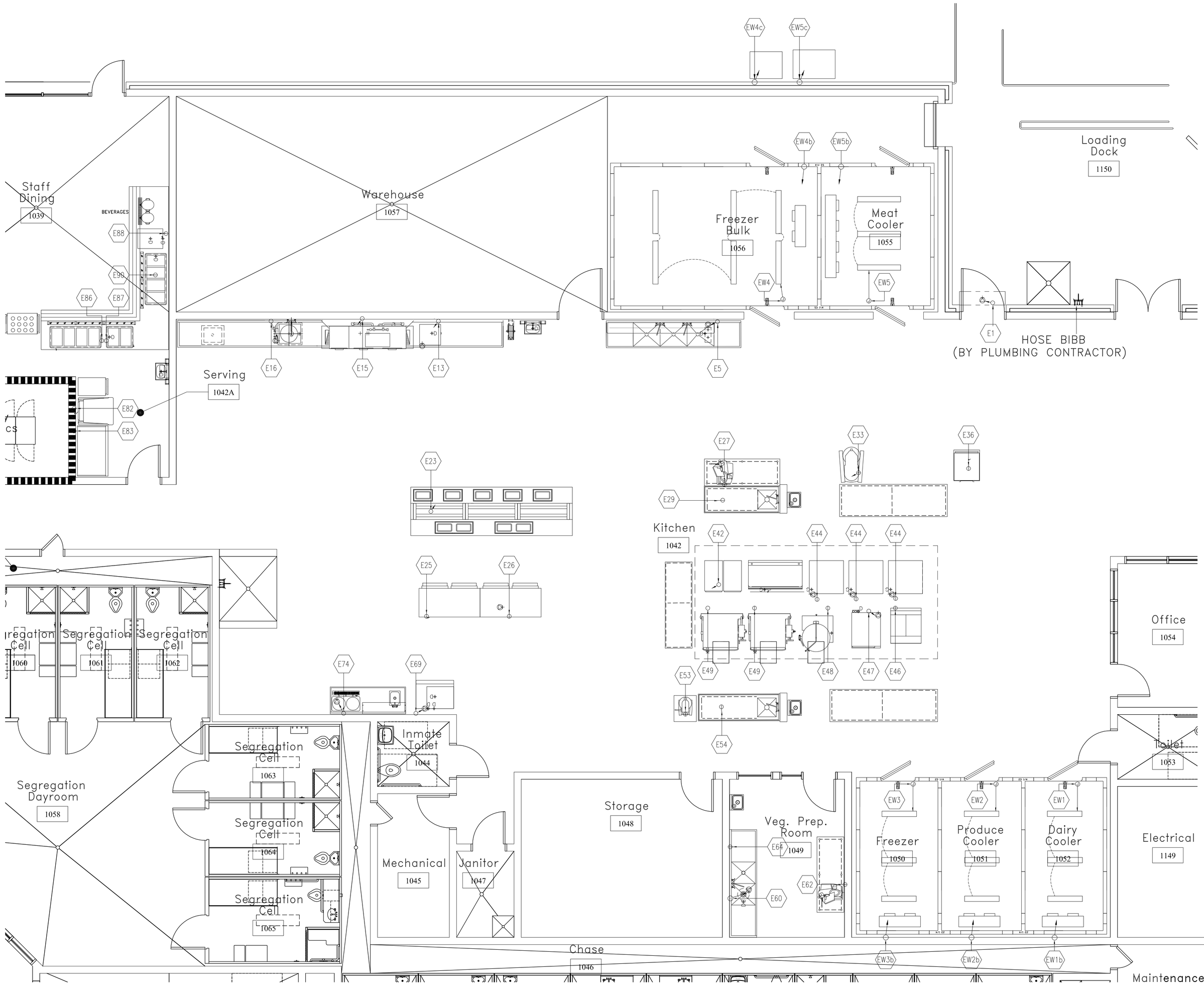

NOTE: VERIFY LOCATION OF CONDENSING UNITS WITH ARCHITECT'S DRAWINGS.

1 K4.1 KITCHEN EQUIPMENT ELECTRICAL CONNECTIONS

SCALE: 1/4" = 1'-0"

ELECTRICAL CONNECTION NOTES:

E1 – (AIR CURTAIN) .32 KW, 1/5 H.P., 3.4 AMPS, 120V/60/1 PHASE SERVICE OUT OF WALL 16" ABOVE DOOR CASING, CONNECT TO TERMINALS ON FLY FAN. PROJECT ELECTRICIAN SHALL WIRE THROUGH LIMIT SWITCH PROVIDED W/UNIT, SO THAT FAN WILL TURN ON WHEN DOOR IS OPEN AND TURN OFF WHEN DOOR IS CLOSED.
E5 – (SINK HEATER) 9.0 KW., 10.8 AMPS, 480V/60/3 PHASE OUT OF WALL 16" AFF., CONNECT TO TERMINALS ON HEATER.
E13– (BOOSTER HEATER) 15 KW., 18.1 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL 8" AFF. EXTEND TO TERMINALS ON BOOSTER.
E15– (DISHWASHER) 15 KW, 46.7 AMP, 480/60/3 PHASE SERVICE OUT OF WALL 60" AFF. EXTEND TO TERMINALS ON DISHWASHER 64" AFF.
E16– (DISPOSER) 3/4" H.P., 11.0 AMPS, 120V/60/1 PHASE, SERVICE OUT OF WALL 16" AFF. EXTEND THROUGH SOLENOID VALVE AND CONTROL PANEL AND CONNECT TO DISPOSER
E23– (TRAY MAKE UP TABLE) 5.0 KW., 1/2" H.P., 120–208V/60/1 PHASE SERVICE, STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E25– (ROLL–IN REFRIGERATOR) 1/2" H.P., 11.4 AMPS, 120V/60/1 PHASE SERVICE, STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E26– (ROLL–IN HEATED CABINET) 4.0 KW., 19.2 AMPS, 120–208V/60/1 PHASE SERVICE, STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E27– (SLICER) 1/2" H.P., 6.0 AMPS, 120V/60/1 PHASE DROP–CORD REC'PT. FROM ABOVE TO 72" AFF.
E29– (WORK TABLE) 20 AMPS, 120V/60/1 PHASE RETRACTABLE CONVENIENCE REC'PT. DOWN FROM CEILING TO 60" AFF.
E41– (WORK TABLE) 20 AMPS, 120V/60/1 PHASE CONVENIENCE REC'PT. FLUSH W/WALL 48" AFF.
E33– (FLOOR MIXER) 2.0 H.P., 19.0 AMPS, 115V/60/1 PHASE SERVICE, STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E36– (WARM AND HOLD CABINET) 2.0 KW., 16.0 AMPS, 120V/60/1 PHASE DROP–CORD REC'PT. FROM ABOVE TO 72" AFF.
E42– (FRYER) 17 KW, 48.0 AMP, 208V/60/3 PHASE SERVICE STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E44– (CONVECTION OVER) (2)1/3 H.P., (2)6.0 AMPS, 120V/60/1 PHASE SERVICE STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E46– (6 BURNER RANGE) 1/4 H.P., 5.0 AMPS, 120V/60/1 PHASE SERVICE STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E47– (STEAMER, CONVECTION) 33 KW., 3 AMPS, 480V/60/ 3 PHASE STUB–UP TO TERMINAL ON STEAMER.
E48– (60 GAL. KETTLE) 10 AMPS, 120V/60/1 PHASE SERVICE STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E49– (TILT SKILLET) 18.0 KW., 50.0 AMPS, 208V/60/3 PHASE SERVICE STUB–UP AND CONNECTED TO TERMINALS, 24" AFF.
E53– (20 QT. MIXER) 1/2 H.P., 8.2 AMPS, 120V/60/1 PHASE REC'PT DOWN FROM CEILING TO 24" AFF.
E54– (MEAT PREP TABLE W/SINK) 20 AMPS, 120V/60/1 PHASE RETRACTABLE CONVENIENCE REC'PT. DOWN FROM CEILING TO 60" AFF.
E60– (DISPOSER) 2.0 HP., 3 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL 16" AFF., EXTEND THRU CONTROL PANEL AND SOLENOID VALVE AND CONNECT TO TERMINALS ON UNIT.
E62– (SLICER) 1.0 H.P., 115V/60/1 PHASE REC'PT. FLUSH W/WALL 16" AFF.
E64– (PREP. TABLE) 1/ 2 HP., 120V/60/ 1 PHASE CONV. REC'PT. FLUSH W/WALL 48" AFF.
E69– (ICE MAKER W/O BIN) 1–3/4 H.P., 13.6 AMPS, 208V/60/1 PHASE SERVICE OUT OF WALL 56" AFF. EXTEND TO TERMINALS 62" AFF.
E74– (COFFEE URN) 11.5 KW., 54.0 AMPS, 120–208V/60/1 PHASE CONVENIENCE REC'PT. FLUSH W/WALL 48" AFF.
E82– (HOT HOLDING CAB.) 1.8 KW, 13.7 AMP, 120/60/1 PHASE REC'PT, 48" AFF.
E83– (REFRIGERATOR, REACH–IN) 1/3 H.P., 10.8 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/WALL 80" AFF.
E86– (DROP–IN, HOT WELLS) 3.4 KW., 16.3 AMPS 208V/60/1 PHASE REC'PT., 5" AFF.
E87– (DROP–IN, COLD WELLS) 1.5 H.P., 2.4 AMPS, 120V/60/1 PHASE REC'PT., 5" AFF.
E88– (DISPENSER, ICE/ BEVERAGE) 4.9 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/WALL, 48" AFF.
E90– (DROP–IN COLD PAN) 120V/60/1 PHASE REC'PT., FLUSH W/WALL, 16" AFF.

EW1– (DAIRY WALK–IN) 0.67 KW., 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J–BOX AT 8'–6" AFF., AND CONNECT TO LIGHTS, SWITCH, AND DOOR HEATER.
EW1b–(DAIRY EVAPORATOR) 1/2 HP., 2.2 AMPS, 208V/60/1 PHASE SERVICE OUT OF CEILING TO TERMINALS ON EVAPORATOR COIL.
EW1c–(DAIRY CONDENSING UNITS) 1 HP., 4.7 AMPS, 208V/60/3 PHASE SERVICE FROM WATER–TIGHT DISCONNECT SWITCH (PROVIDE BY PROJECT ELECTRICIAN) TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
EW2– (PRODUCE WALK–IN) 0.67 KW., 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J–BOX AT 8'–6" AFF., AND CONNECT TO LIGHTS, SWITCH, AND DOOR HEATER.
EW2b–(PRODUCE EVAPORATOR) 1/2 HP., 2.2 AMPS, 208V/60/1 PHASE SERVICE OUT OF CEILING TO TERMINALS ON EVAPORATOR COIL
EW2c–(PRODUCE CONDENSING UNITS) 1 HP., 4.7 AMPS, 208V/60/3 PHASE SERVICE FROM WATER–TIGHT DISCONNECT SWITCH (PROVIDE BY PROJECT ELECTRICIAN) TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
EW3 –(FREEZER WALK–IN) 0.67 KW., 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J–BOX AT 8'–6" AFF., AND CONNECT TO LIGHTS, SWITCH, AND DOOR HEATER.
EW3b–(FREEZER EVAPORATOR) 1/2 HP., 8.22 AMPS, 208V/60/1 PHASE SERVICE OUT OF CEILING TO TERMINALS ON EVAPORATOR COIL.
EW3c–(FREEZER CONDENSING UNITS) 2 HP., 8.5 AMPS, 208V/3 PHASE SERVICE FROM WATER–TIGHT DISCONNECT SWITCH (PROVIDE BY PROJECT ELECTRICIAN) TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
EW4 –(BULK WALK–IN) 1.37 KW., 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J–BOX AT 8'–6" AFF., AND CONNECT TO LIGHTS, SWITCH, AND DOOR HEATER.
EW4b–(BULK EVAPORATOR) 1/2 HP., 12 AMPS, 208V/60/1 PHASE SERVICE OUT OF CEILING TO TERMINALS ON EVAPORATOR COIL.
EW4c–(BULK CONDENSING UNITS) 1–1/2 HP., 6.5 AMPS, 208V/3 PHASE SERVICE FROM WATER–TIGHT DISCONNECT SWITCH (PROVIDE BY PROJECT ELECTRICIAN) TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
W5 –(MEAT WALK–IN) 1.01 KW., 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J–BOX AT 8'–6" AFF., AND CONNECT TO LIGHTS, SWITCH, AND DOOR HEATER.
EW5b–(MEAT EVAPORATOR) 1/2 HP., 8.22 AMPS, 208V/60/1 PHASE SERVICE OUT OF CEILING TO TERMINALS ON EVAPORATOR COIL.
EW5c–(MEAT CONDENSING UNIT) 3 HP., 14.9 AMPS, 208V/3 PHASE SERVICE FROM WATER–TIGHT DISCONNECT SWITCH (PROVIDE BY PROJECT ELECTRICIAN) TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.

ELECTRICAL LEGEND & SYMBOLS

W	WATTS
KW	KILOWATTS
HP	HORSEPOWER
AMPS.	AMPERES
REC'PT.	RECEPTACLE
V	VOLTS
	PHASE
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
CONV.	CONVENIENCE RECEPTACLE
	STUB–UP/SPECIAL
	FLEXIBLE CONDUIT
	JUNCTION BOX
AFF	ABOVE FINISHED FLOOR

IT IS THE INTENT OF THIS DRAWING TO SHOW ELECTRICAL, CONNECTION POINTS. FOR FINAL ROUGH–IN DRAWINGS, SEE CONTRACTORS DETAIL SHOP DRAWINGS, ALLOWANCES SHALL BE MADE FOR TRIM, FITTINGS AND ACCESSORIES.

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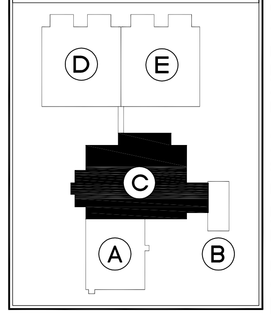
Key Plan



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JEFFERSON, GEORGIA 30549

SHEET TITLE

KITCHEN ELECTRICAL CONN. PLAN

DESIGN | DRAWN | CHECKED

RELEASE

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