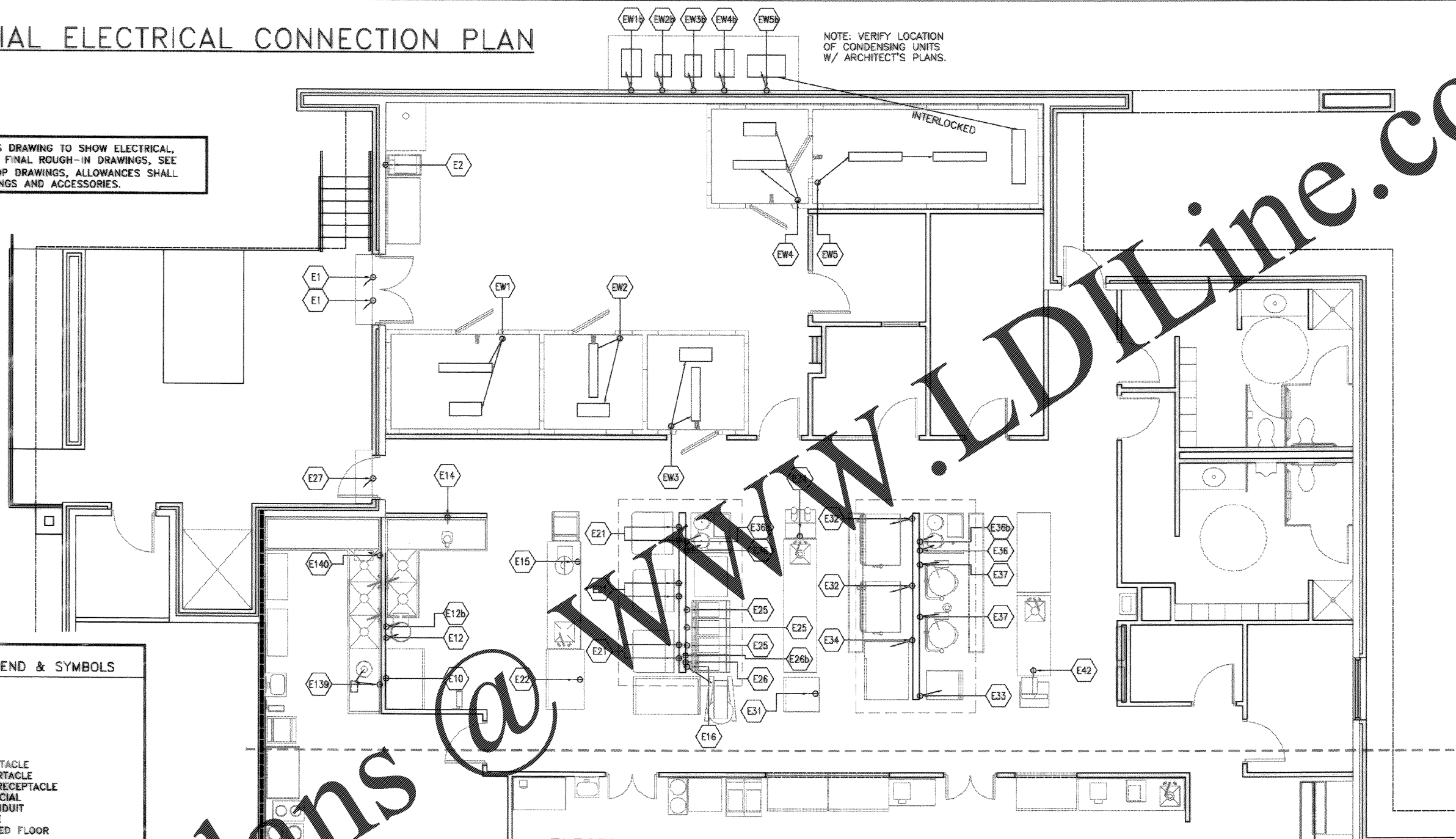


1 PARTIAL ELECTRICAL CONNECTION PLAN  
K401 1/4"=1'-0"

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.

NOTE: VERIFY LOCATION OF CONDENSING UNITS W/ ARCHITECT'S PLANS.



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

ELECTRICAL CONNECTION NOTES

- E1- 1/2 HP, 8.6 AMPS, 120V/60/1 PHASE SERVICE OUT OF WALL, 16" ABOVE DOOR CASING, EXTEND TO TERMINALS ON FLY FAN UNIT, PROJECT ELECTRICIAN SHALL WIRE LIMIT SWITCH, PROVIDED UNIT, SO THAT FANS WILL TURN ON WHEN MAIN DOOR IS OPEN AND TURN OFF WHEN DOOR IS CLOSED.
- E2- .04 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/ WALL, 8" AFF.
- E10- 1/2 HP, 9.0 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/ WALL, 80" AFF.
- E12- 3/4 HP, 6.5 AMPS, 120V/60/1 PHASE SERVICE OUT OF WALL, 24" AFF, CONNECT TO TERMINALS, 24" AFF.
- E12b- 1/2 HP, 6.8 AMPS, 208V/60/3 PHASE SERVICE OUT OF WALL, 16" AFF, CONNECT TO TERMINALS, 24" AFF.
- E14- 1/2 HP, 3.5 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/ WALL, 48" AFF.
- E15- 1/2 HP, 6.5 AMPS, 120V/60/1 PHASE REC'PT., 8" AFF.
- E16- 2 HP, 6.8 AMPS, 208V/60/3 PHASE SERVICE OUT OF WALL, 40" AFF, CONNECT TO TERMINALS, 48" AFF.
- E21- 1/2 HP, 6.0 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/ WALL, 24" AFF.
- E22- 8.5 KW, 1 HP, 10.4 AMPS, 120V/60/1 PHASE DROP CORD REC'PT. FROM CEILING, 80" AFF.
- E24- 4.5 AMPS (FUSED), 120V/60/1 PHASE REC'PT., 8" AFF.
- E25- 22.0 KW, 27.0 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL, 16" AFF, CONNECT TO TERMINALS, 25" AFF.
- E26- 1/3 HP, 9.0 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/ WALL, 24" AFF.
- E26b- 825 W, 6.9 AMPS, 120V/60/1 PHASE REC'PT., FLUSH W/ WALL, 24" AFF.
- E27- 1/2 HP, 8.6 AMPS, 120V/60/1 PHASE SERVICE OUT OF WALL, 16" ABOVE DOOR CASING, CONNECT TO TERMINALS ON FLY FAN UNIT SO THAT FANS WILL TURN ON WHEN MAIN DOOR IS OPEN AND TURN OFF WHEN DOOR IS CLOSED.
- E31- 984 W, 1/4 HP & 1/3 HP, 10.7 AMPS, 120V/60/1 PHASE DROP CORD REC'PT. FROM CEILING, 80" AFF.
- E32- 15.0 KW, 18.0 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL, 16" AFF, CONNECT TO TERMINALS, 19" AFF.
- E33- 300 W, 120V/60/1 PHASE SERVICE OUT OF WALL, 8" AFF, CONNECT TO TERMINALS, 8" AFF.
- E34- 61.0 KW, 170.0 AMPS, 208V/60/3 PHASE SERVICE OUT OF WALL, 40" AFF, CONNECT TO TERMINALS, 70" AFF.
- E36- 300 W, 120V/60/1 PHASE SERVICE OUT OF WALL, 16" AFF, CONNECT TO TERMINALS, 18" AFF.
- E36b- 24.0 KW, 480V/60/3 PHASE SERVICE OUT OF WALL, 8" AFF, CONNECT TO TERMINALS, 8" AFF.
- E37- 12.0 KW, 15.0 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL, 16" AFF, CONNECT TO TERMINALS, 24" AFF.
- E42- 1/2 HP, 6.2 AMPS, 120V/60/1 PHASE REC'PT., 8" AFF.
- E139- 2 HP, 2.5 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL, 16" AFF, EXTEND THRU CONTROL PANEL AND SOLENOID VALVE AND CONNECT TO TERMINALS ON DISPOSER.
- E140- 9.0 KW, 10.8 AMPS, 480V/60/3 PHASE SERVICE OUT OF WALL, 8" AFF, CONNECT TO TERMINALS, 10" AFF.
- EW1- 405 W & 2.1 AMPS, 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J-BOX AT 8'-6" AFF AND CONNECT TO LIGHTS, SWITCH, DOOR HEATER AND COOLER COIL.
- EW1b- 3/4 HP, 7.9 AMPS, 208V/60/3 PHASE SERVICE FROM WATER-TIGHT DISCONNECT SWITCH, PROVIDED BY PROJECT ELECTRICIAN, TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
- EW2- 405 W & 2.1 AMPS, 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J-BOX AT 8'-6" AFF AND CONNECT TO LIGHTS, SWITCH, DOOR HEATER AND COOLER COIL.
- EW2b- 1/2 HP, 5.3 AMPS, 208V/60/3 PHASE SERVICE FROM WATER-TIGHT DISCONNECT SWITCH, PROVIDED BY PROJECT ELECTRICIAN, TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
- EW3- 405 W & 2.1 AMPS, 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J-BOX AT 8'-6" AFF AND CONNECT TO LIGHTS, SWITCH, DOOR HEATER AND COOLER COIL.
- EW3b- 1/2 HP, 5.3 AMPS, 208V/60/3 PHASE SERVICE FROM WATER-TIGHT DISCONNECT SWITCH, PROVIDED BY PROJECT ELECTRICIAN, TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
- EW4- 405 W & 2.1 AMPS, 120V/60/1 PHASE SERVICE OUT OF CEILING, EXTEND THRU J-BOX AT 8'-6" AFF AND CONNECT TO LIGHTS, SWITCH, DOOR HEATER AND COOLER COIL.
- EW4b- 3/4 HP, 7.9 AMPS, 208V/60/3 PHASE SERVICE FROM WATER-TIGHT DISCONNECT SWITCH, PROVIDED BY PROJECT ELECTRICIAN, TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING.
- EW5- 485 W & 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- 10.9 AMPS & 3/4 HP, 7.9 AMPS, 208V/60/3 PHASE SERVICE FROM WATER-TIGHT DISCONNECT SWITCH, PROVIDED BY PROJECT ELECTRICIAN, TO CONTROL BOX AND TERMINALS IN COMPRESSOR HOUSING. THEN CONNECT SERVICE TO COIL IN FREEZER SECTION FROM THIS CONTROL PANEL.

DRAWING REVISIONS		Client: Bechtel & Associates, Inc. (800) 877-6377
Rev.	Description	Date
1	AS-BUILT WITH NO CONNECTIONS	5/11/04
APPROVED		DATE
Naval Facilities Engineering Command		Charleston, South Carolina
Southern Division		
Charleston, South Carolina		
RECORD DRAWING DATE		7/27/04
CODE LB. NO.		80881
DRAWING SIZE		D
SPEC. NO.		88-98-0939
CONSTR. CONTR. NO.		N62467-98-C-0939
NAVFAC DRAWING NO.		5357933
SHEET		108 OF 194
K401		