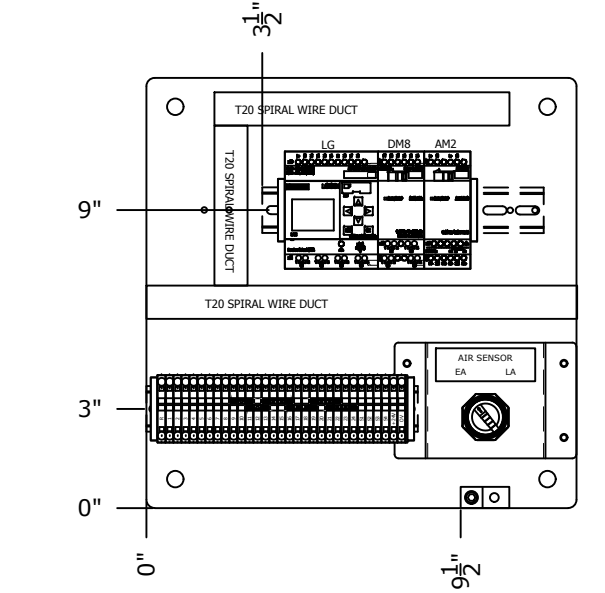
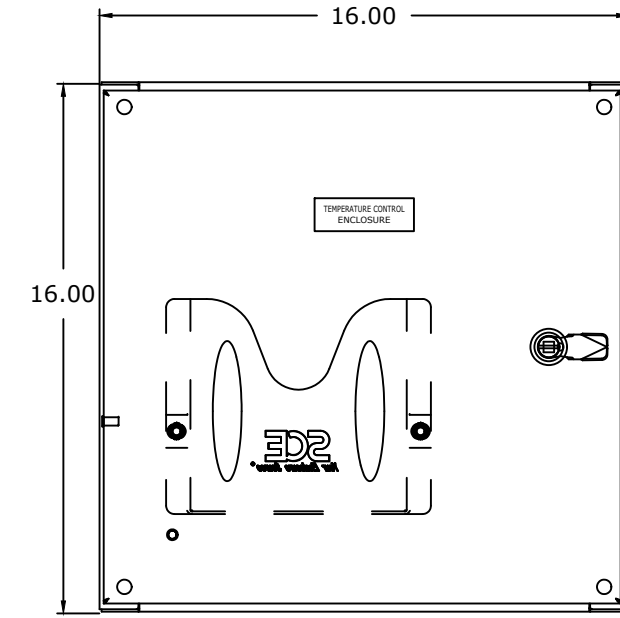
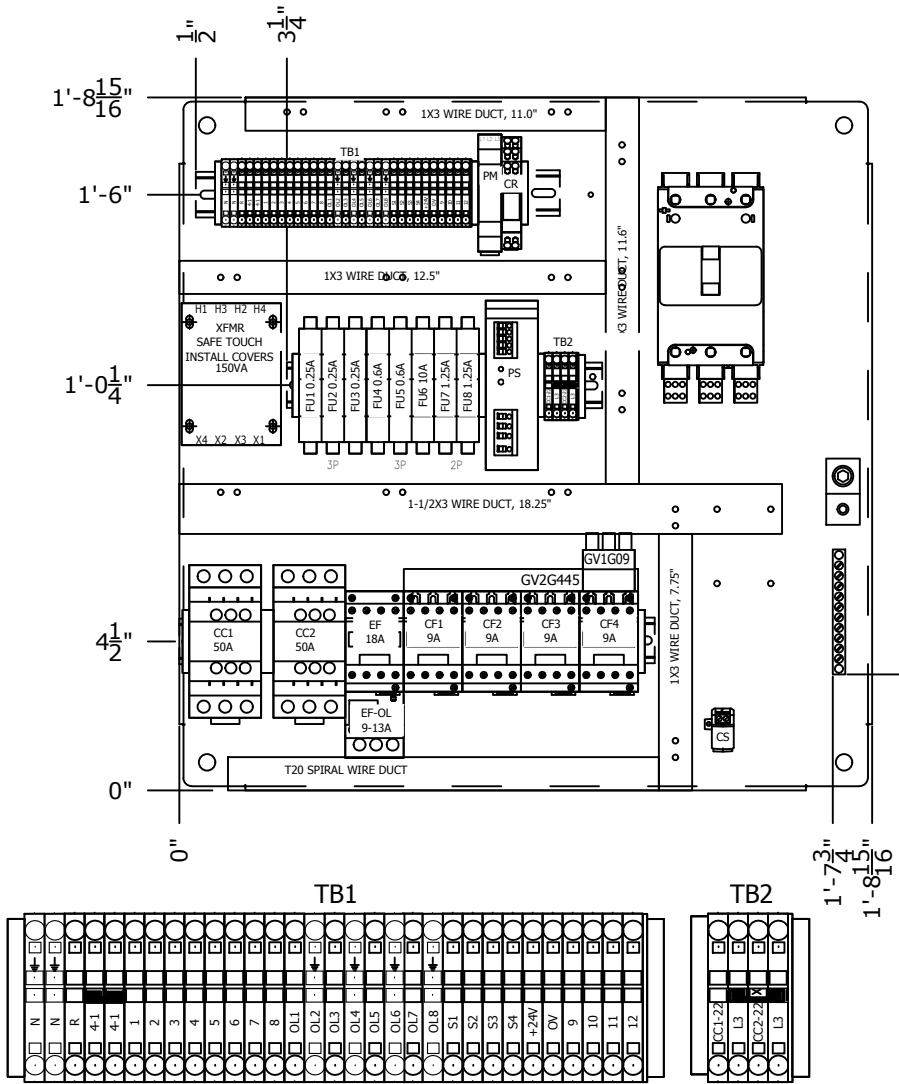
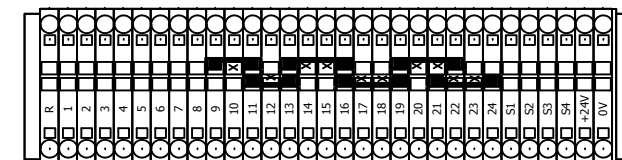


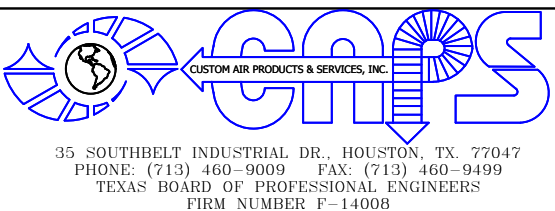
BOTTOM VIEW



LEGEND	
EF	- EVAPORATOR FAN CONTACTOR
CF	- CONDENSOR FAN CONTACTOR
CC	- COMPRESSOR CONTACTOR
PM	- PHASE MONITOR
PDB	- POWER DISTRIBUTION BLOCK



REV#	DATE	DESIGNER	DESCRIPTION
0	11/03/2017	TRUNG TRAN	ISSUE FOR CONSTRUCTION
1	01/09/2018	J.OMALLEY	ADDED NUCO DRAWINGS - ECN#00305
2	02/08/2018	TRUNG TRAN	CHANGE LOGO INPUT PER ECR# 00348
3	02/09/2018	TRUNG TRAN	CHANGE MAIN BREAKER W/MCA & MOP PER ECR# 00353
4	02/23/2018	DN/JO	AS BUILT



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**CERTIFIED AS-BUILT**

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APPROVER: \_\_\_\_\_ DATE: \_\_\_\_\_

CAPS NO.: 17F-0792

DRAWING: AE2

DRAWN BY: DAVID NGUYEN

DATE: 11/09/2017

CUST. PO#:

SHEET: 2 OF 4

CHECKED BY: DAVID NGUYEN

DATE: 02/23/2018

SIZE: B

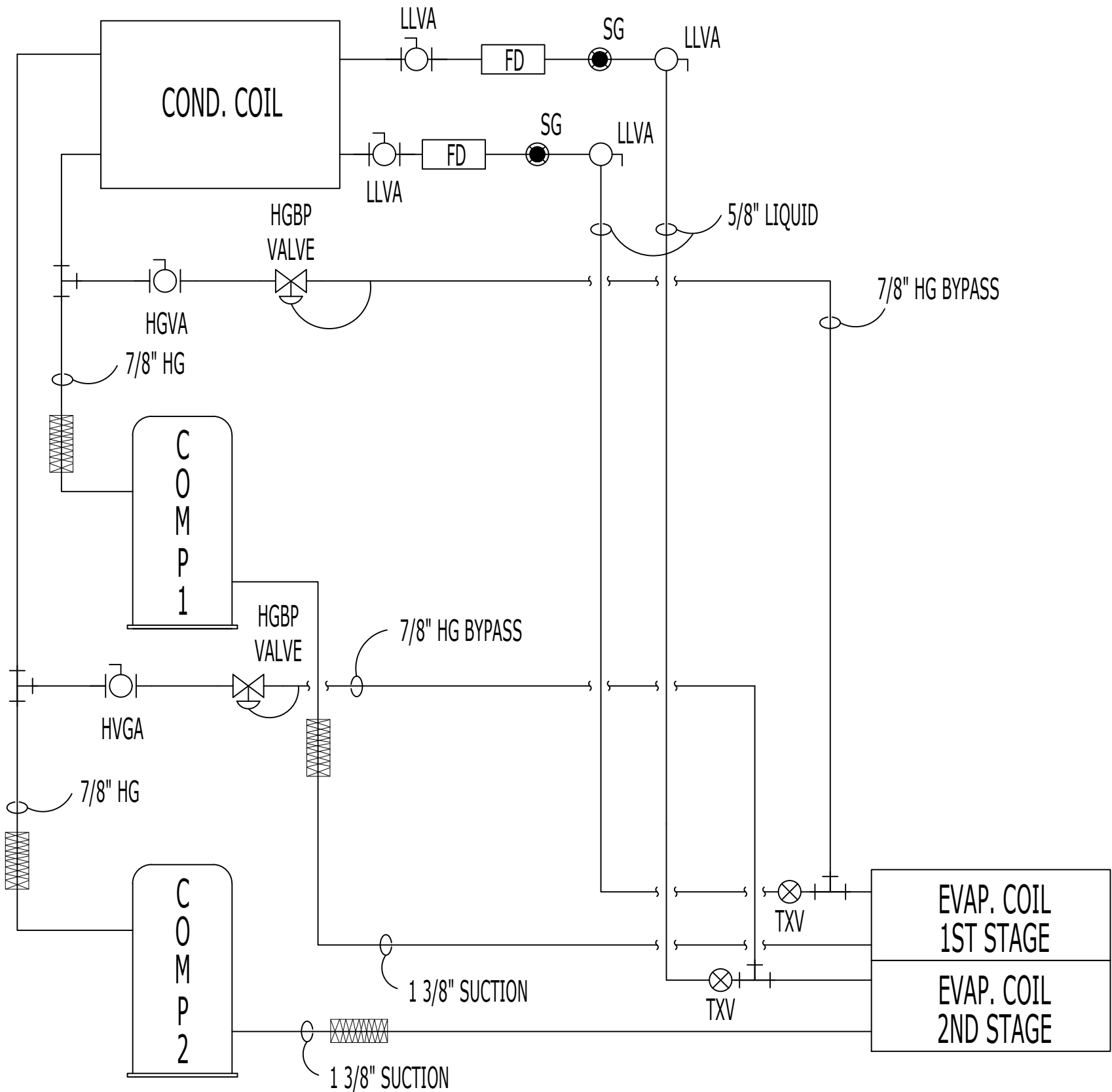
REV: 4

APPROVED BY: LARRY NOVAK

DATE: 02/23/2018

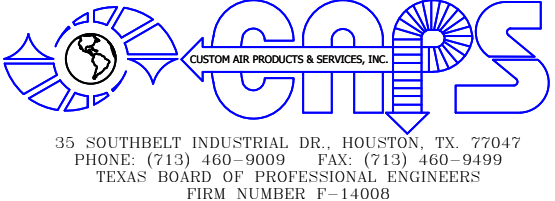
CUSTOMER: CAPS

40 TON INDUSTRIAL AC UNIT NEMA 4  
GENERAL PURPOSE  
460V/3P/60HZ  
ELECTRICAL DESIGN  
PANEL LAYOUT



**NOTE:**  
 INSTALL TXV EQUALIZER LINES TO FACTORY  
 1/4" COPPER CONNECTIONS.

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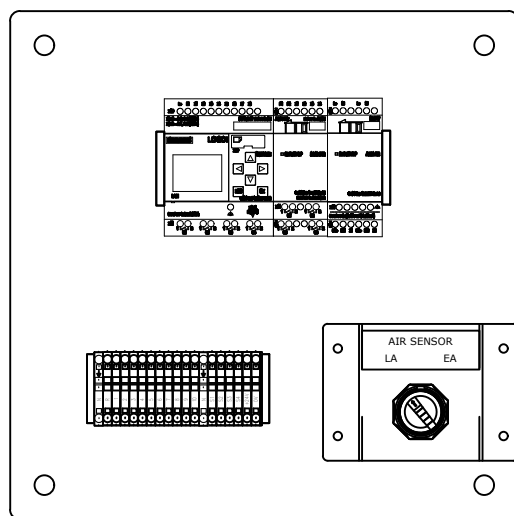
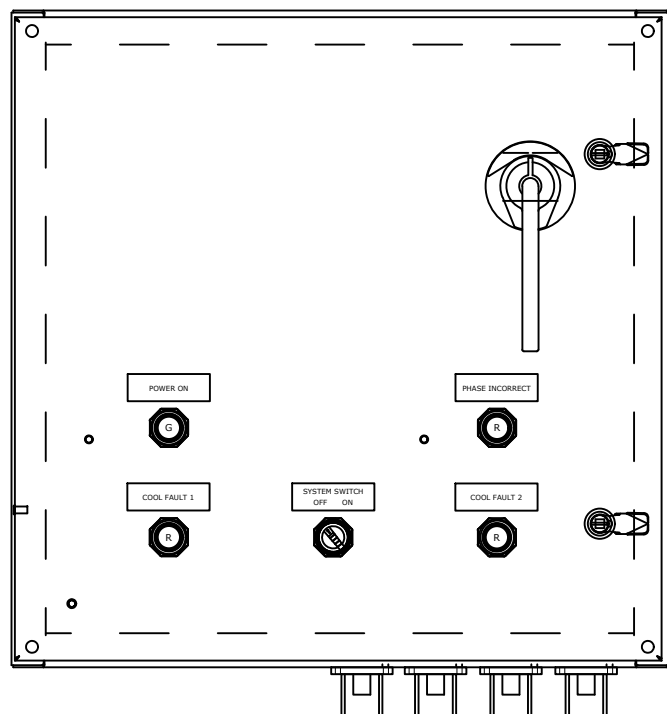
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 APPROVER: \_\_\_\_\_ DATE: \_\_\_\_\_

CAPS NO.:	DRAWING:	DRAWN BY:	DATE:
17F-0792	AE3	DAVID NGUYEN	11/09/2017
CUST. PO#:	SHEET:	CHECKED BY:	DATE:
	3 OF 4	DAVID NGUYEN	02/23/2018
SIZE:	REV:	APPROVED BY:	DATE:
B	4	LARRY NOVAK	02/23/2018

CUSTOMER: CAPS

**40 TON INDUSTRIAL AC UNIT NEMA 4  
 GENERAL PURPOSE  
 460V/3P/60HZ  
 ELECTRICAL DESIGN  
 P & ID**

HVAC CONTROL ENCLOSURE



## SEQUENCE OF OPERATION

The system is placed into initial operation as follows:

- Turn System Switch to "OFF"
- Turn Circuit Breaker "ON"
  - If the "Phase Incorrect" light is on, turn off the circuit breaker; reverse two (2) phases of incoming power for proper phase sequencing then check the incoming power source to be sure the unit has a good power source - 460V/3P/60HZ
  - If the "Power On" light is on and the "Phase Incorrect" light is off, the unit is ready for operation
- Turn System Switch to "ON"
- Air Sensor Switch settings:
  - 1- Leaving: The HVAC is controlled by the leaving air temperature
  - 2- Entering: The HVAC is controlled by the return air temperature
- Thermostat field settings:
  - Push and hold ESC and push UP or DOWN buttons to change temperature setpoint
- If a Compressor is failed, it will be turned off and locked out then its light alarm will be turned on. To clear fault, push and hold ESC and LEFT arrow
- Only use System Switch to turn off the unit

NOTE: THIS UNIT IS "COOL" ONLY

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35 SOUTHBELT INDUSTRIAL DR., HOUSTON, TX. 77047  
 PHONE: (713) 460-9009 FAX: (713) 460-9499  
 TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 FIRM NUMBER P-14008

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17F-0792	AE4	DAVID NGUYEN	11/09/2017
CUST. PO#:	SHEET:	CHECKED BY:	DATE:
	4 OF 4	DAVID NGUYEN	02/23/2018
SIZE:	REV:	APPROVED BY:	DATE:
B	4	LARRY NOVAK	02/23/2018

CUSTOMER:	CAPS
	40 TON INDUSTRIAL AC UNIT NEMA 4 GENERAL PURPOSE 460V/3P/60HZ ELECTRICAL DESIGN SEQUENCER OF OPERATION