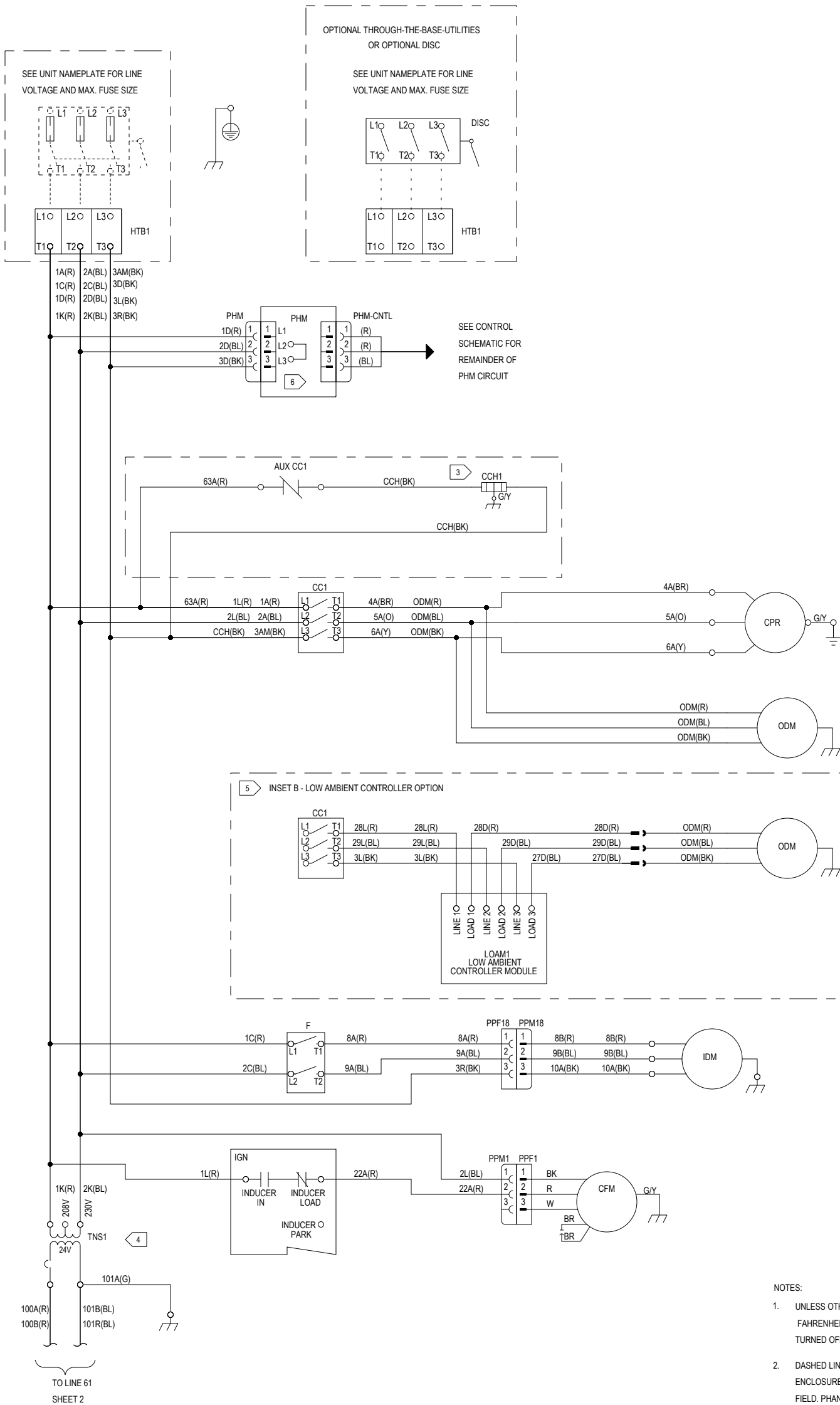


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



REF. DES.	DESCRIPTION	LINE NO.
AUX CC1	AUXILIARY CONTACTOR - COMPRESSOR	16
CC1	CONTACTOR - COMPRESSOR	20,28
CCH1	HEATER - CRANKCASE	16
CFM	MOTOR - COMBUSTION FAN	40
CPR	COMPRESSOR	20
DISC	FACTORY INSTALLED DISCONNECT	4
F	CONTACTOR, INDOOR FAN	35
HTB1	TERMINAL BLOCK - CTRL BOX	7
IDM	MOTOR - INDOOR	35
IGN	MODULE - IGNITION CONTROL	39
LOAM1	LOW AMBIENT CONTROLLER	30
ODM	MOTOR - OUTDOOR	24,28
PHM	MODULE - PHASE MONITOR	11
TNS1	TRANSFORMER - 24V CONTROLS	41

CODE	COLOR	CODE	COLOR
BK	BLACK	O	ORANGE
BL	BLUE	PR	PURPLE
BR	BROWN	R	RED
G	GREEN	W	WHITE
GY	GREY	Y	YELLOW

- NOTES:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25 DEGREE CELSIUS (77 DEGREE FAHRENHEIT), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 - CCH1 IS AN AVAILABLE OPTION ON ALL TONNAGES.
 - CONNECTIONS SHOWN ARE FOR 230V UNITS. FOR 208V OPERATION, MOVE WIRE 2K(BL) FROM THE 230V TERMINAL TO THE 208V TERMINAL ON TNS1.
 - SEE THE CONTROLS SCHEMATIC FOR REMAINDER OF OPTIONAL LOW AMBIENT CONTROLLER WIRING.
 - CLIP RED WIRE ON PHASE MONITOR AS SHOWN ON THE DEVICE FOR 50HZ OPERATION.

CAUTION

USE COPPER CONDUCTORS ONLY! 75 DEGREE CELSIUS
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

PRECAUCIÓN

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

⚠WARNING

HAZARDOUS VOLTAGE!

⚠AVERTISSEMENT

TENSION DANGEREUSE!

⚠ADVERTENCIA

¡VOLTAJE PELIGROSO!

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRECAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ETRE MORTELLES.

DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

DESIGNER: YASHRAJ NM
ENGINEER: VISHNU.N
TRANE © DATE: 21-JUN-2023
REPLACES: --
SIMILAR TO: --
REVISION DATE: --
REVISED BY: --
APPROVED BY: VISHNU.N
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE.

**SMALL FOUNDATION
SCHEMATIC; SHEET 1**

**POWER
208V/230V, 1 STAGE GAS HEAT**

MASTER NUMBER:

--

DRAWING NUMBER:

12134760

SHEET:

1 OF 2

REV

A