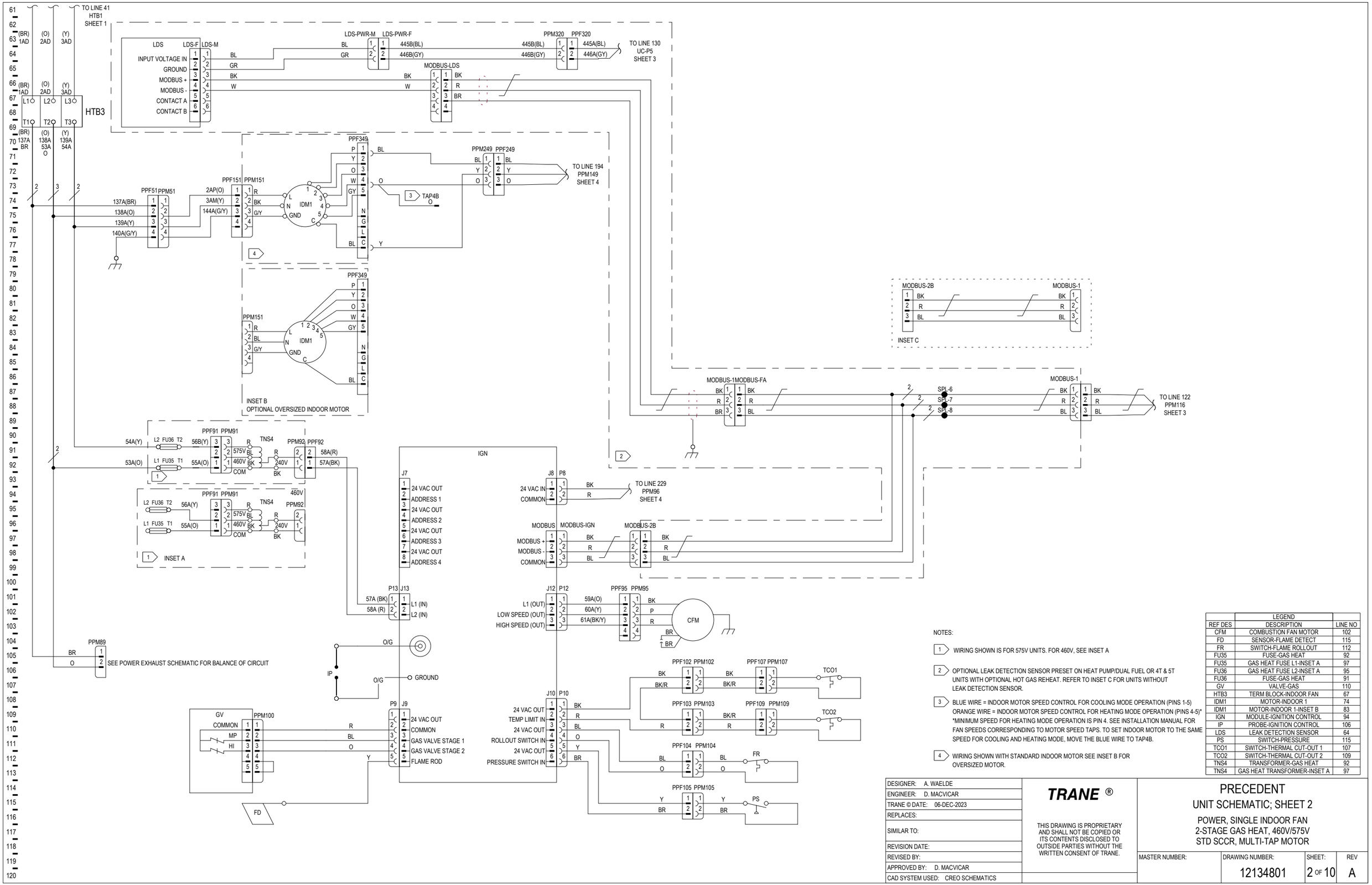

NOTES:

1. WIRING SHOWN IS FOR 575V UNITS. FOR 460V, SEE INSET A
2. OPTIONAL LEAK DETECTION SENSOR PRESET ON HEAT PUMP/DUAL FUEL OR 4T & 5T UNITS WITH OPTIONAL HOT GAS REHEAT. REFER TO INSET C FOR UNITS WITHOUT LEAK DETECTION SENSOR.
3. BLUE WIRE = INDOOR MOTOR SPEED CONTROL FOR COOLING MODE OPERATION (PINS 1-5)
   ORANGE WIRE = INDOOR MOTOR SPEED CONTROL FOR HEATING MODE OPERATION (PINS 4-5)*
   *MINIMUM SPEED FOR HEATING MODE OPERATION IS PIN 4. SEE INSTALLATION MANUAL FOR FAN SPEEDS CORRESPONDING TO MOTOR SPEED TAPS. TO SET INDOOR MOTOR TO THE SAME SPEED FOR COOLING AND HEATING MODE, MOVE THE BLUE WIRE TO TAP4B.
4. WIRING SHOWN WITH STANDARD INDOOR MOTOR SEE INSET B FOR OVERSIZED MOTOR.

LEGEND		
REF DES	DESCRIPTION	LINE NO
CFM	COMBUSTION FAN MOTOR	102
FD	SENSOR-FLAME DETECT	115
FR	SWITCH-FLAME ROLLOUT	112
FU35	FUSE-GAS HEAT	92
FU35	GAS HEAT FUSE L1-INSET A	97
FU36	GAS HEAT FUSE L2-INSET A	95
FU36	FUSE-GAS HEAT	91
GV	VALVE-GAS	110
HTB3	TERM BLOCK-INDOOR FAN	67
IDM1	MOTOR-INDOOR 1	74
IDM1	MOTOR-INDOOR 1-INSET B	83
IGN	MODULE-IGNITION CONTROL	94
IP	PROBE-IGNITION CONTROL	106
LDS	LEAK DETECTION SENSOR	64
PS	SWITCH-PRESSURE	115
TCO1	SWITCH-THERMAL CUT-OUT 1	107
TCO2	SWITCH-THERMAL CUT-OUT 2	109
TNS4	TRANSFORMER-GAS HEAT	92
TNS4	GAS HEAT TRANSFORMER-INSET A	97

DESIGNER:	A. WAELDE
ENGINEER:	D. MACVICAR
TRANE © DATE:	06-DEC-2023
REPLACES:	
SIMILAR TO:	
REVISION DATE:	
REVISED BY:	
APPROVED BY:	D. MACVICAR
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE ®

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PRECEDENT

UNIT SCHEMATIC; SHEET 2

POWER, SINGLE INDOOR FAN
2-STAGE GAS HEAT, 460V/575V
STD SCCR, MULTI-TAP MOTOR

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134801	2 OF 10	A