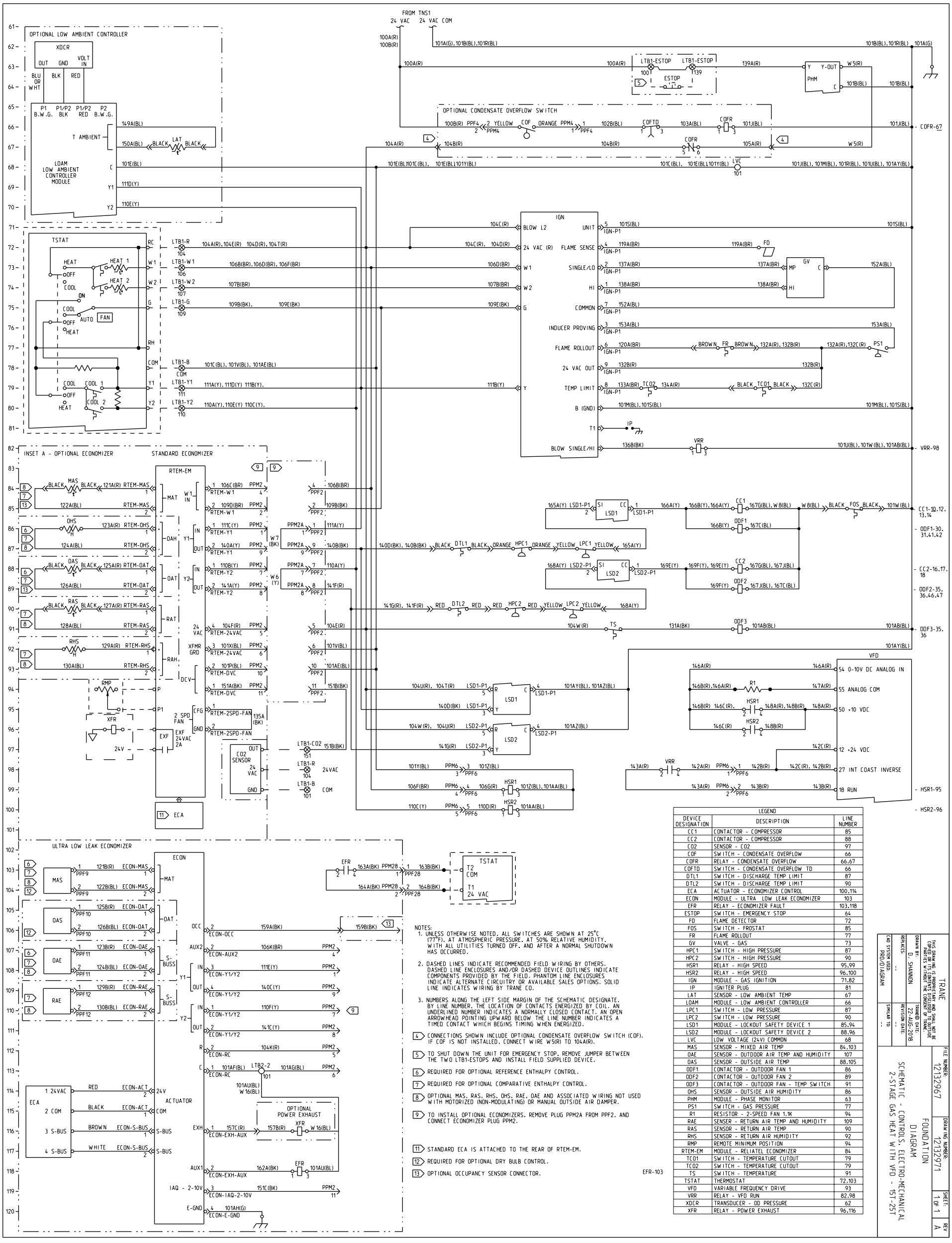
RELEASED 14/Sep/2018 20:03:51 GMT



LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
CC1	CONTACTOR - COMPRESSOR	85
CC2	CONTACTOR - COMPRESSOR	88
CO2	SENSOR - CO2	97
COF	SWITCH - CONDENSATE OVERFLOW	66
COFR	RELAY - CONDENSATE OVERFLOW	66.67
COFTD	SWITCH - CONDENSATE OVERFLOW TD	66
DTL1	SWITCH - DISCHARGE TEMP LIMIT	87
DTL2	SWITCH - DISCHARGE TEMP LIMIT	90
ECA	ACTUATOR - ECONOMIZER CONTROL	100.114
ECON	MODULE - ULTRA LOW LEAK ECONOMIZER	103
EFR	RELAY - ECONOMIZER FAULT	103.118
ESTOP	SWITCH - EMERGENCY STOP	64
FD	FLAME DETECTOR	72
FOS	SWITCH - FROSTAT	85
FR	FLAME ROLLOUT	77
GV	VALVE - GAS	73
HPC1	SWITCH - HIGH PRESSURE	87
HPC2	SWITCH - HIGH PRESSURE	90
HSR1	RELAY - HIGH SPEED	95.99
HSR2	RELAY - HIGH SPEED	96.100
IGN	MODULE - GAS IGNITION	71.82
IP	IGNITER PLUG	81
LAT	SENSOR - LOW AMBIENT TEMP	67
LOAM	MODULE - LOW AMBIENT CONTROLLER	66
LPC1	SWITCH - LOW PRESSURE	87
LPC2	SWITCH - LOW PRESSURE	90
LSD1	MODULE - LOCKOUT SAFETY DEVICE 1	85.94
LSD2	MODULE - LOCKOUT SAFETY DEVICE 2	88.96
LVC	LOW VOLTAGE (24V) COMMON	68
MAS	SENSOR - MIXED AIR TEMP	84.103
OAE	SENSOR - OUTDOOR AIR TEMP AND HUMIDITY	107
OAS	SENSOR - OUTSIDE AIR TEMP	88.105
ODF1	CONTACTOR - OUTDOOR FAN 1	86
ODF2	CONTACTOR - OUTDOOR FAN 2	89
ODF3	CONTACTOR - OUTDOOR FAN - TEMP SWITCH	91
OHS	SENSOR - OUTSIDE AIR HUMIDITY	86
PHM	MODULE - PHASE MONITOR	63
PS1	SWITCH - GAS PRESSURE	77
R1	RESISTOR - 2-SPEED FAN 1.1K	94
RAE	SENSER - RETURN AIR TEMP AND HUMIDITY	109
RAS	SENSOR - RETURN AIR TEMP	90
RHS	SENSOR - RETURN AIR HUMIDITY	92
RMP	REMOTE MINIMUM POSITION	94
RTEM-EM	MODULE - RELIATEL ECONOMIZER	84
TCO1	SWITCH - TEMPERATURE CUTOUT	79
TCO2	SWITCH - TEMPERATURE CUTOUT	79
TS	SWITCH - TEMPERATURE	91
TSTAT	THERMOSTAT	72.103
VFD	VARIABLE FREQUENCY DRIVE	93
VRR	RELAY - VFD RUN	82.98
XDCR	TRANSDUCER - OD PRESSURE	62
XFR	RELAY - POWER EXHAUST	96.116

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DRAWN BY: D. SHANNON
TRANE® DATE: 22-AUG-2018
REPLACES: --
REVISION DATE: --
CAD SYSTEM USED: PRO/DIAGRAM
SIMILAR TO: --

TRANE

SCHEMATIC - CONTROLS, ELECTRO-MECHANICAL
2-STAGE GAS HEAT WITH VFD - 15T-25T

FOUNDATION DIAGRAM

FILE NUMBER: 12132967
DRAWING NUMBER: 12132971
SHEET: 1 OF 1
REV: A