

Tower Dryer



Wiring Diagrams Manual

PNEG-554r99



a division of
THE GSI GROUP



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Control Wiring

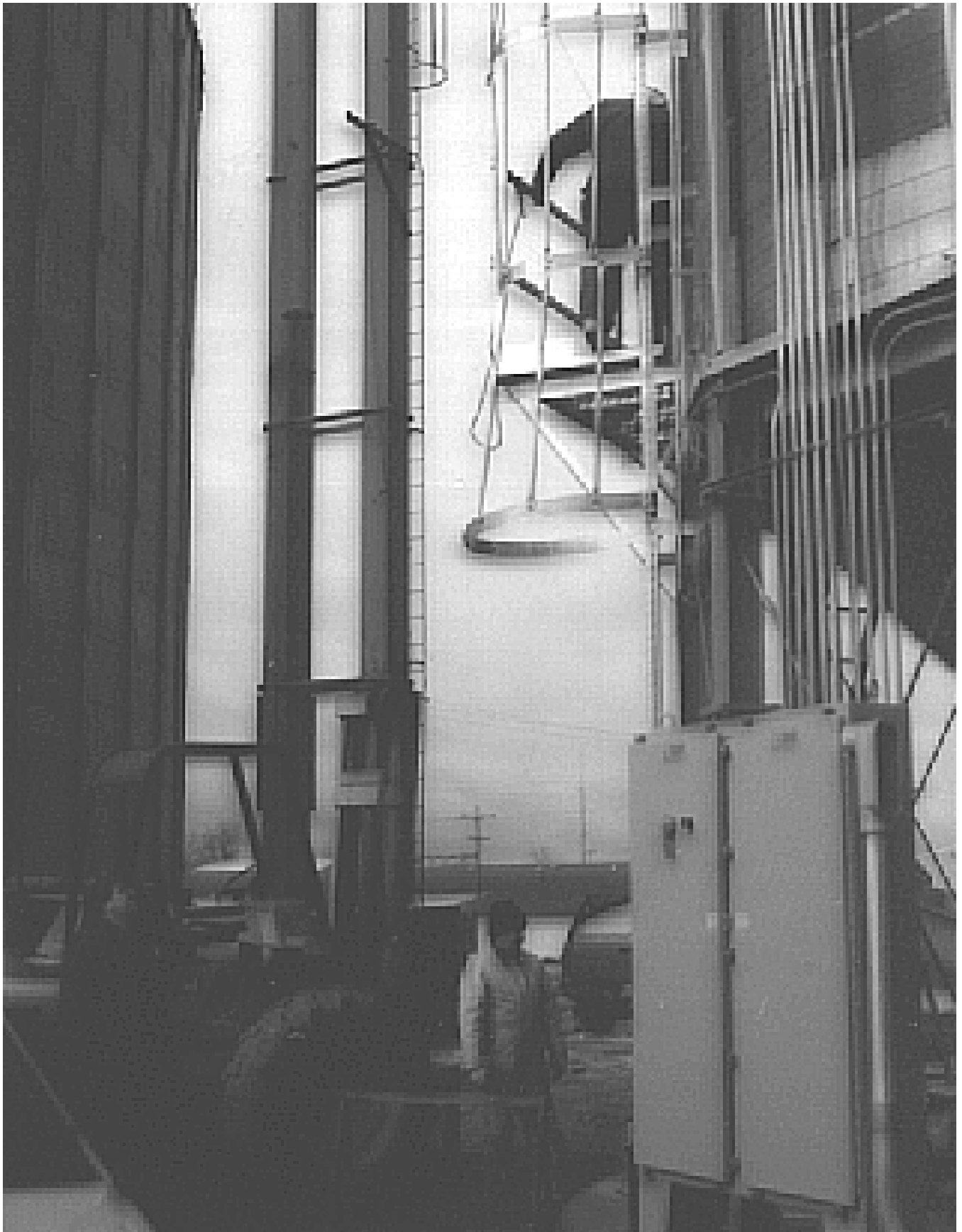
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GS1 TOWER DRYER WIRING DIAGRAMS

SINGLE FAN WIRING



SINGLE FAN INPUT/OUTPUT BOARD



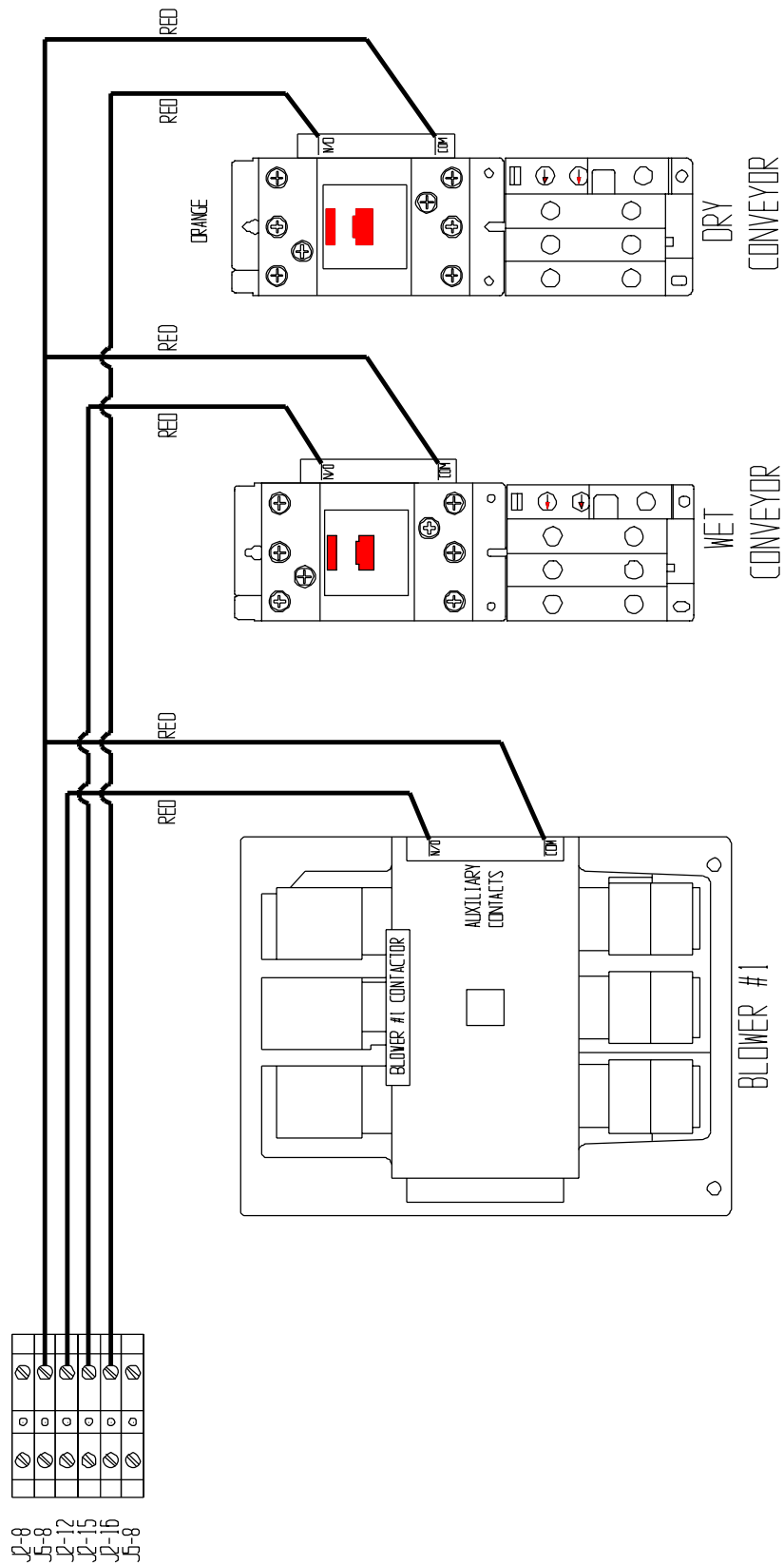
SINGLE FAN EXTERNAL WIRING

TERMINAL #

7

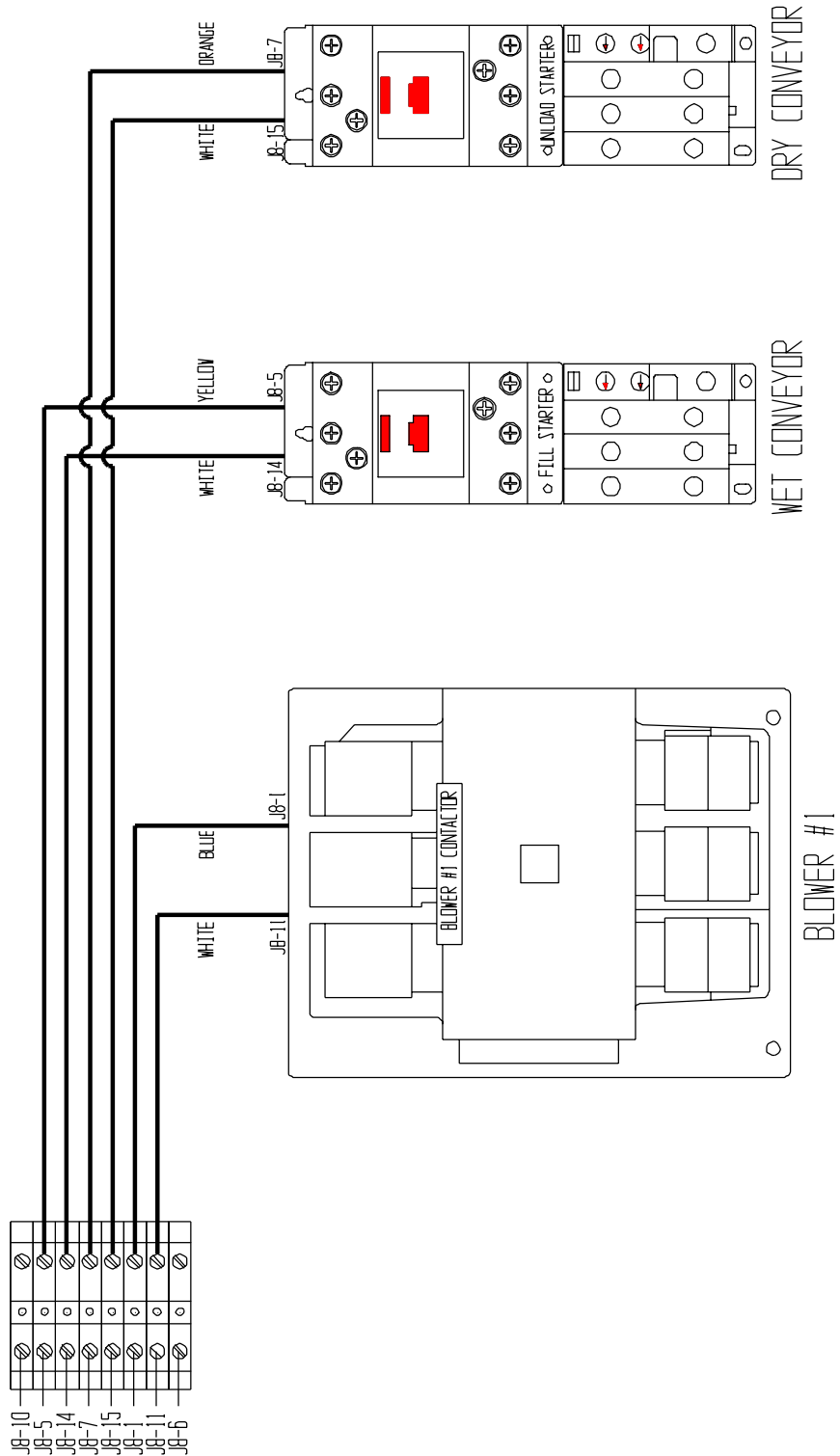
GSI TOWER DRYER WIRING DIAGRAMS

SINGLE FAN AUXILIARY INTERLOCK WIRING



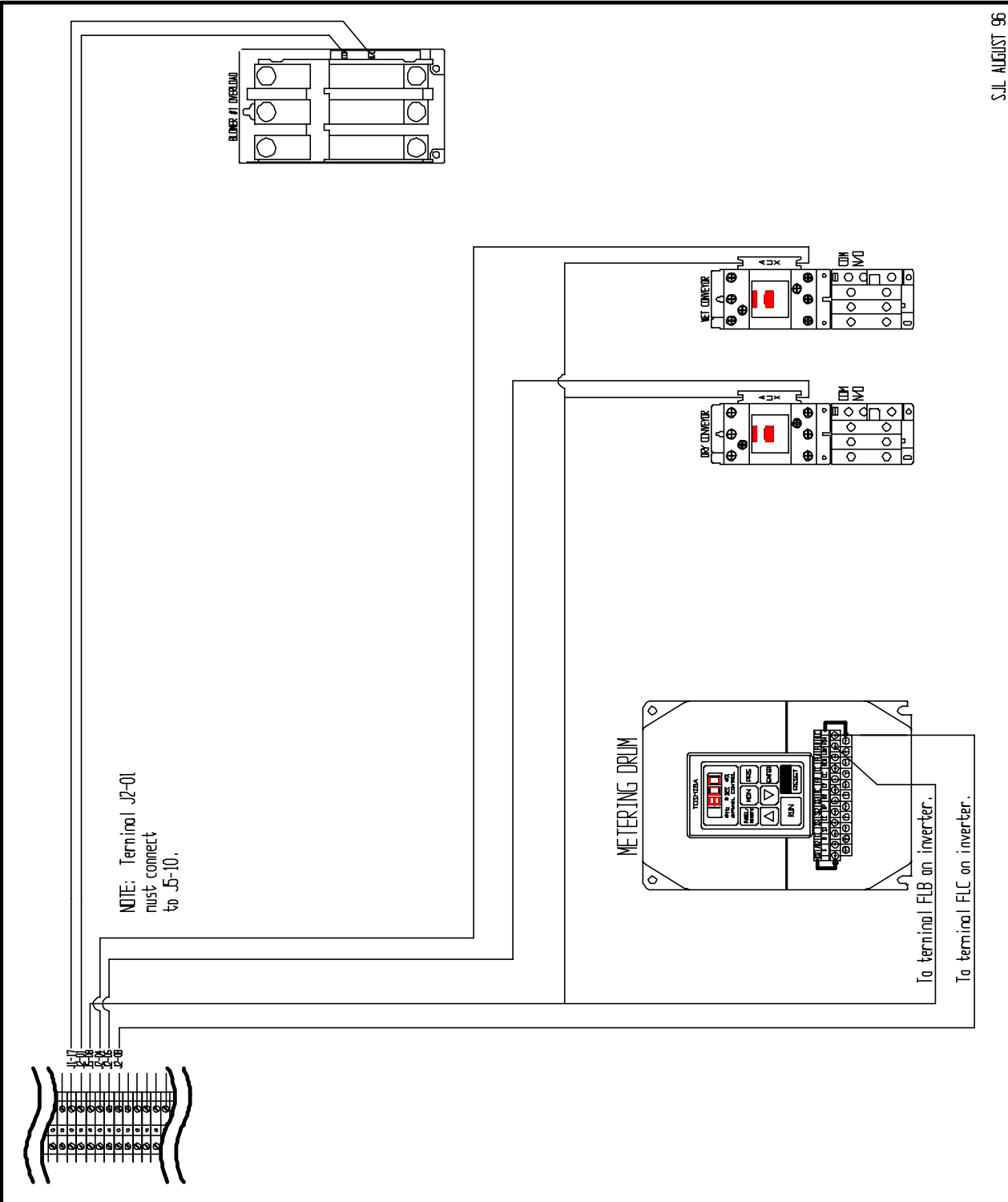
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SINGLE FAN CONTACTOR COIL WIRING



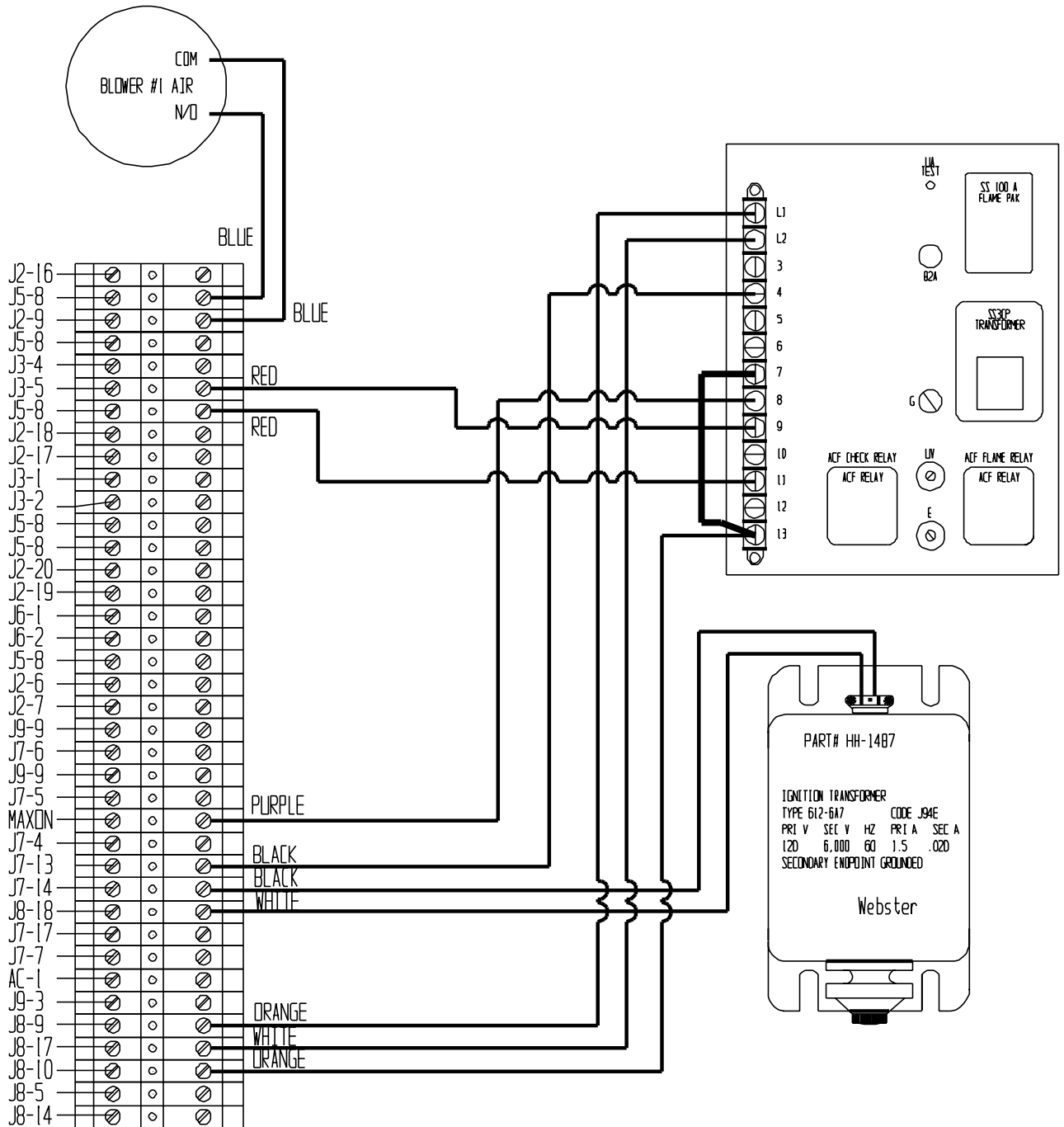
GSI TOWER DRYER WIRING DIAGRAMS

SINGLE FAN OVERLOAD WIRING



GSI TOWER DRYER WIRING DIAGRAMS

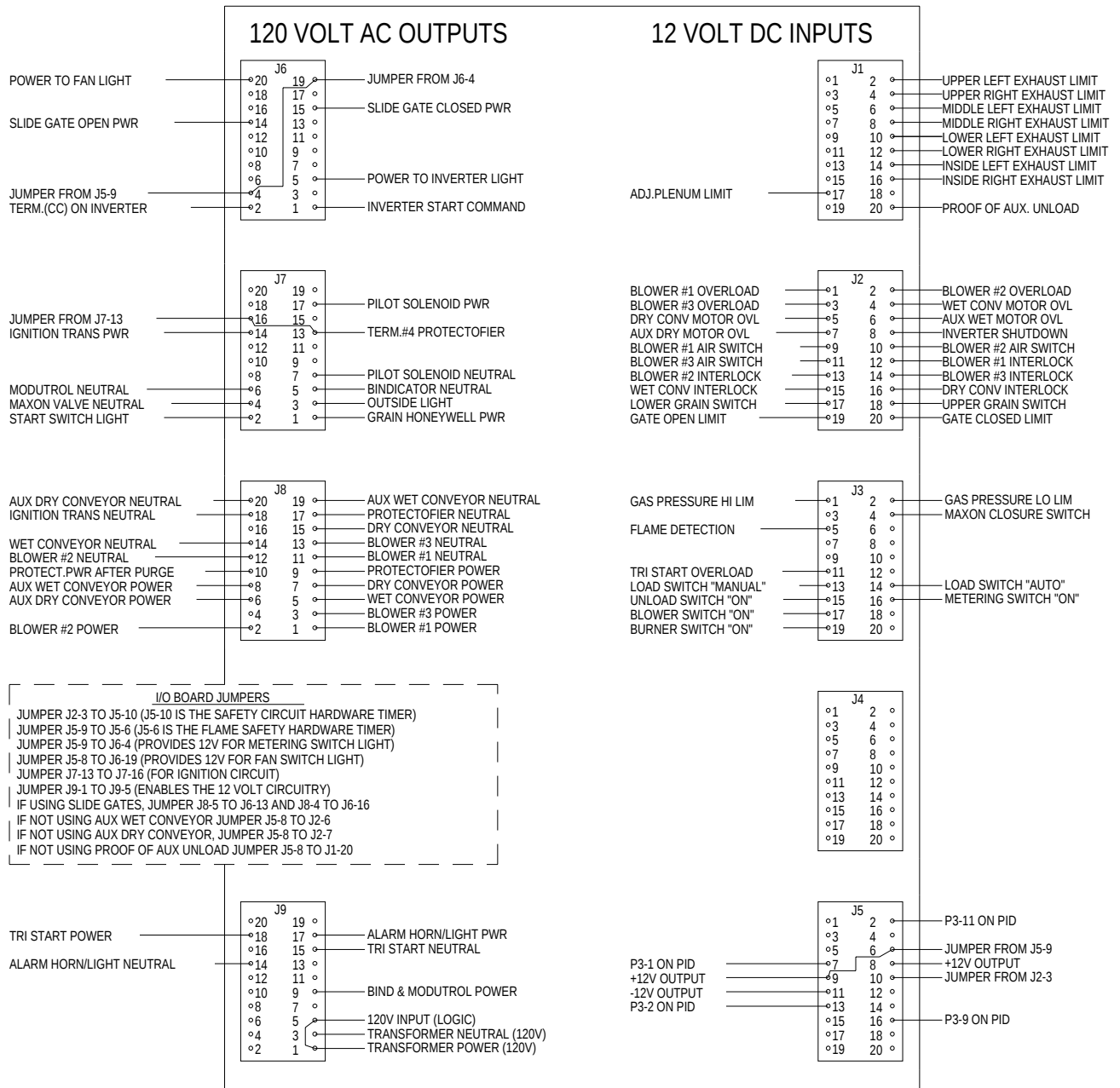
SINGLE FAN PROTECTOFIER/IGNITION/AIRSWITCH WIRING



GSI TOWER DRYER WIRING DIAGRAMS

THREE FAN WIRING





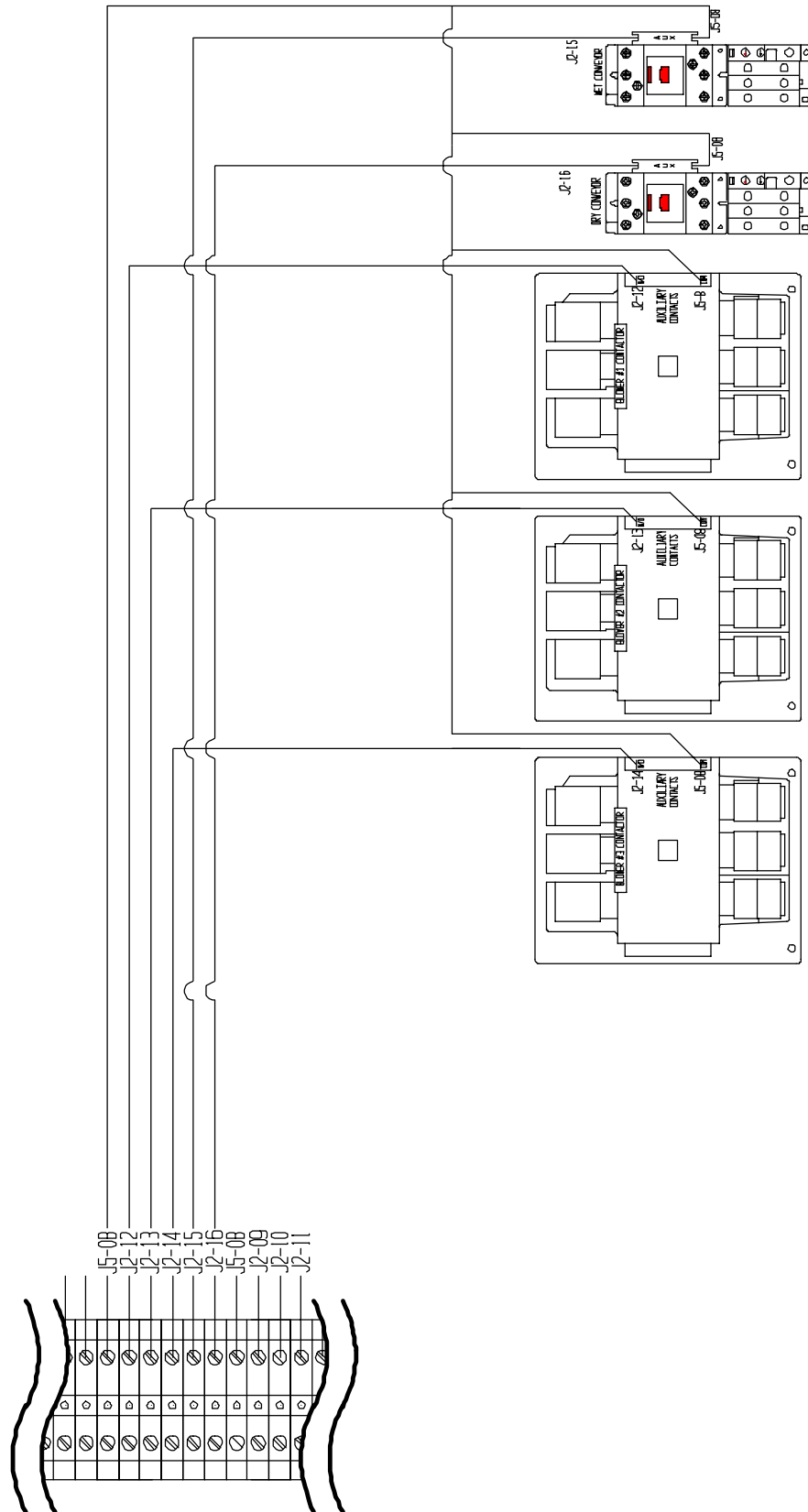
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J5-8
J1-2
J1-4
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J1-17
J2-1
J2-2
J2-3
J5-8
J2-4
J2-5
J2-8
J5-8
J2-12
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J2-14
J2-15
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J5-8
J3-4
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J5-8
J2-18
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J2-20
J2-19
J6-1
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J2-6
J2-7
J1-20
J6-14
J6-15
J9-7
J9-9

J7-6
J7-9
J7-5
MAXON
J7-4
J7-13
J7-14
J7-18
J7-17
J7-7
AC-1
J9-3
J9-8
J8-9
J8-17
J8-10
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J8-14
J8-7
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J8-3
J8-13
J8-6
J8-19
J8-8
J8-20
J9-17
J9-14
J4-20A
(J5-11)
J4-20C
J4-20D
RTD-A
RTD-B
RTD-C
RTD-D
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MDR
AMFM
EXTRA
EXTRA
EXTRA
EXTRA
EXTRA
GROUND
GROUND
GROUND

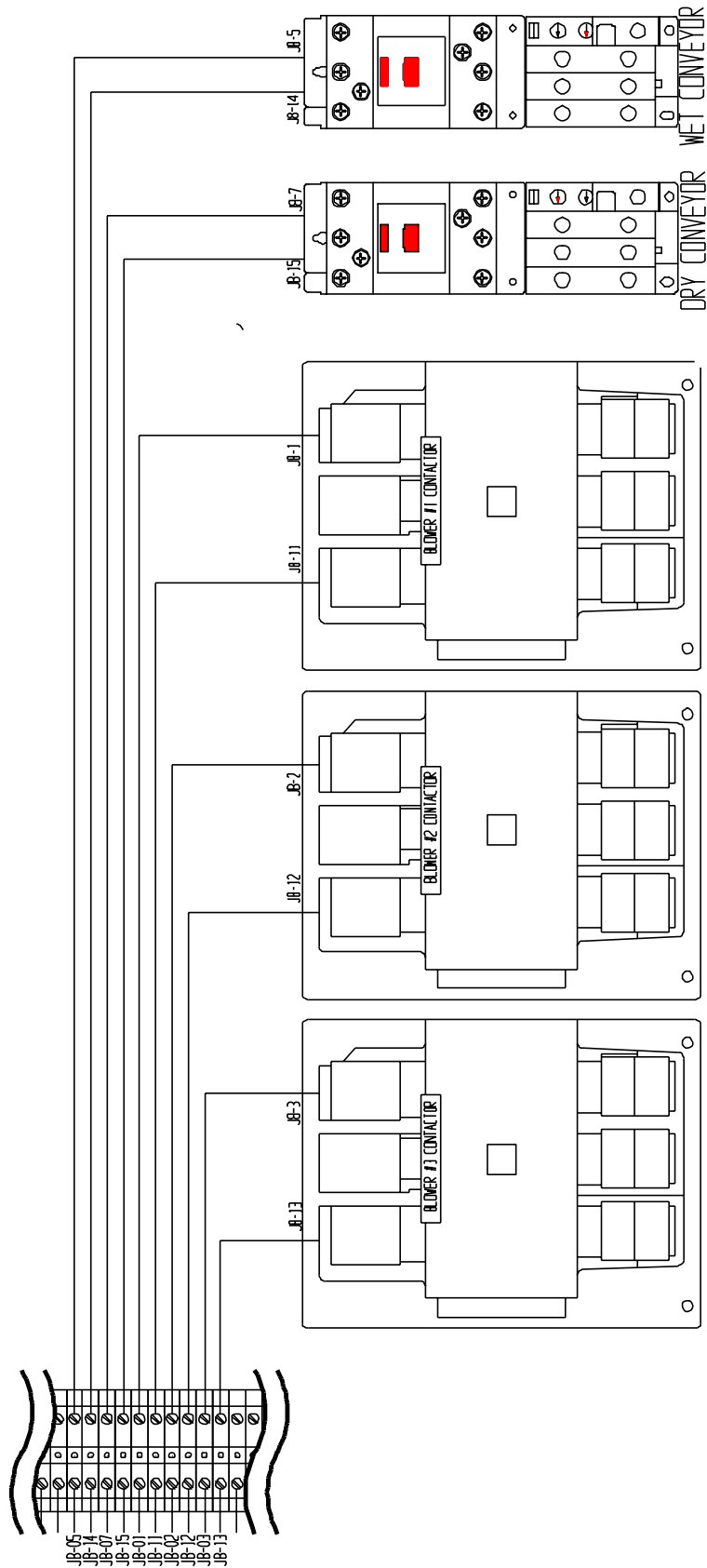
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THREE FAN AUXILIARY INTERLOCK WIRING



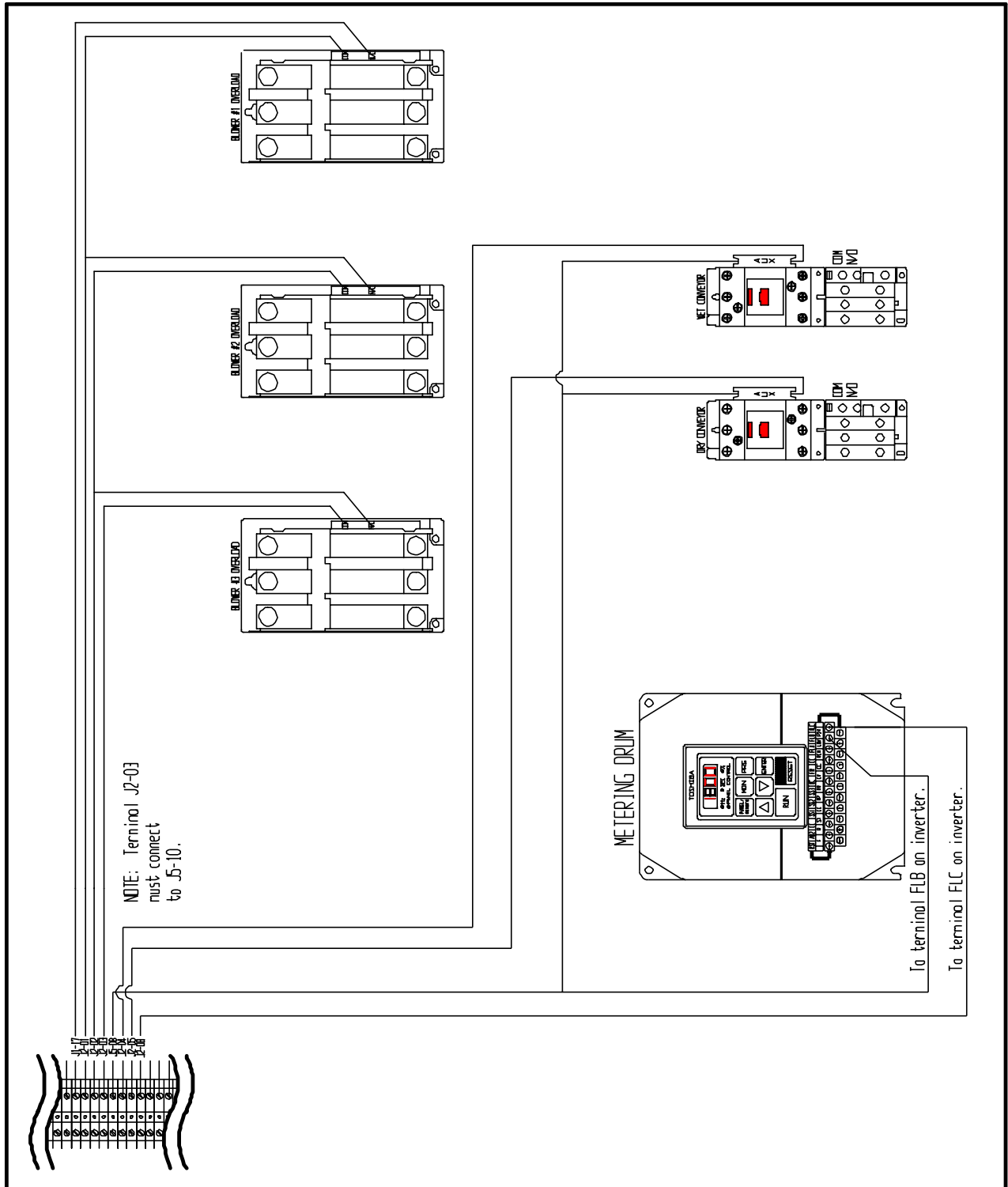
GSI TOWER DRYER WIRING DIAGRAMS

THREE FAN CONTACTOR COIL WIRING



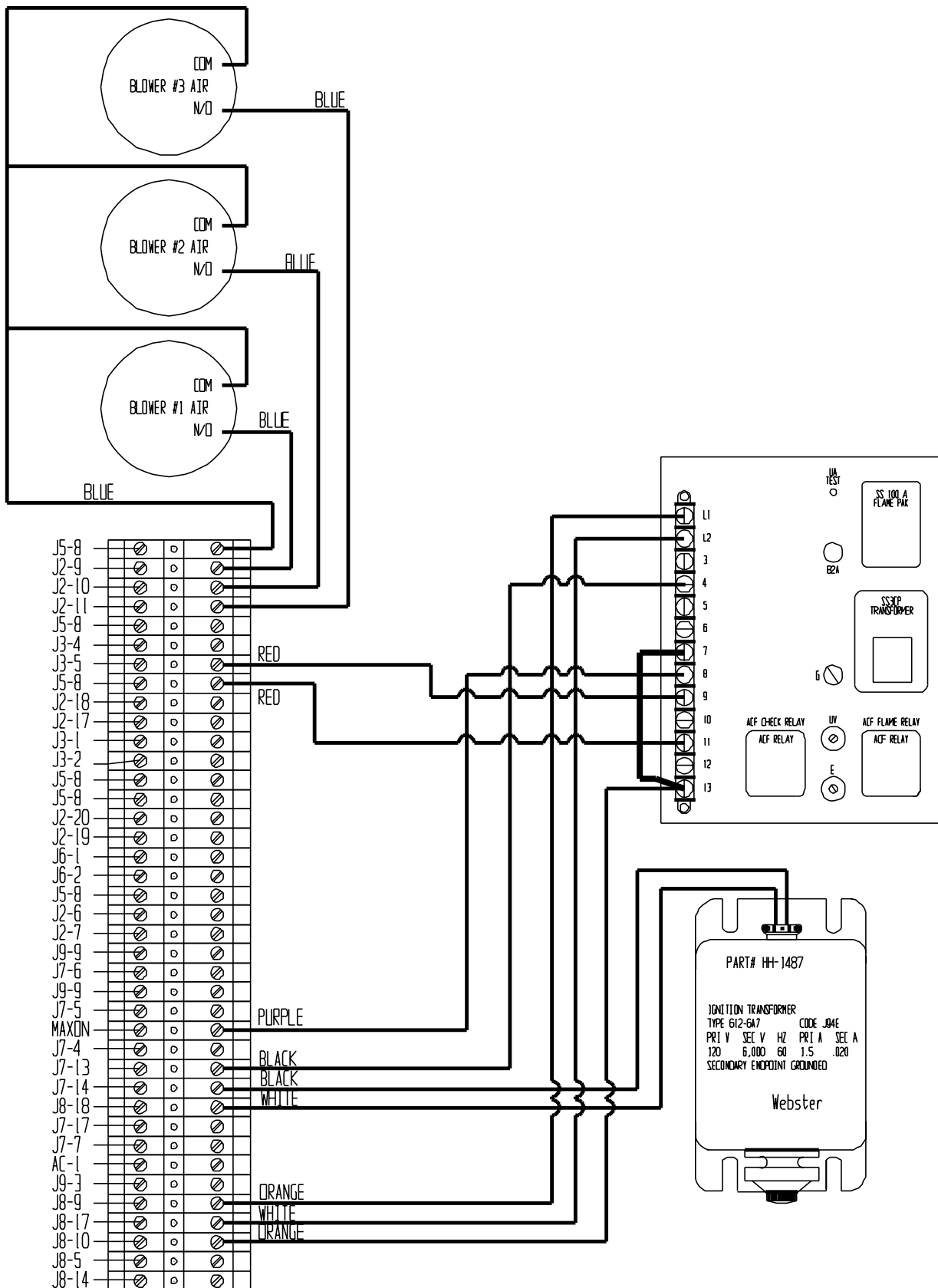
GSi TOWER DRYER WIRING DIAGRAMS

THREE FAN OVERLOAD WIRING



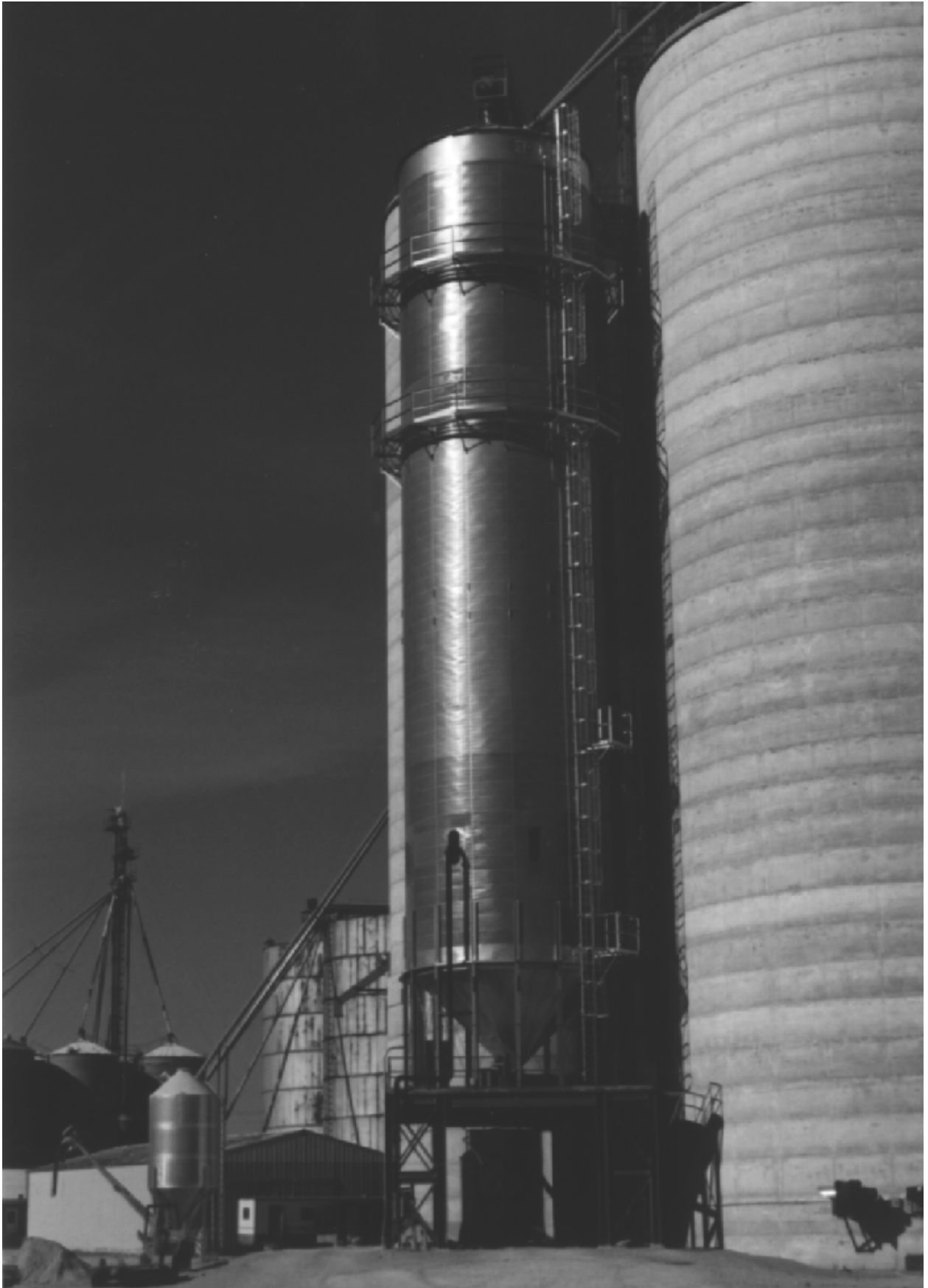
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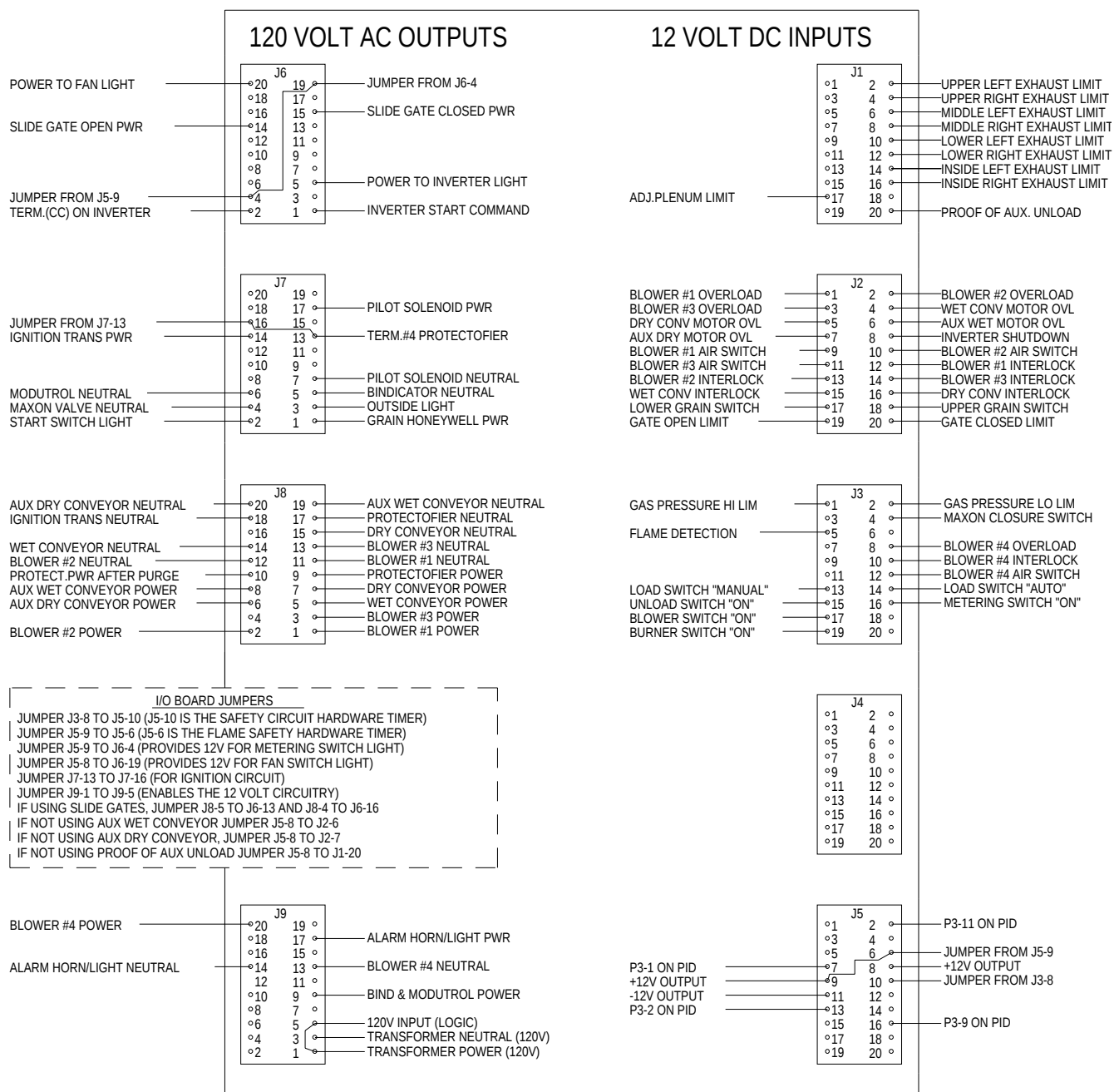
THREE FAN PROTECTOFIER/IGNITION/AIRSWITCH WIRING



GSI TOWER DRYER WIRING DIAGRAMS

FOUR FAN WIRING





FOUR FAN EXTERNAL WIRING

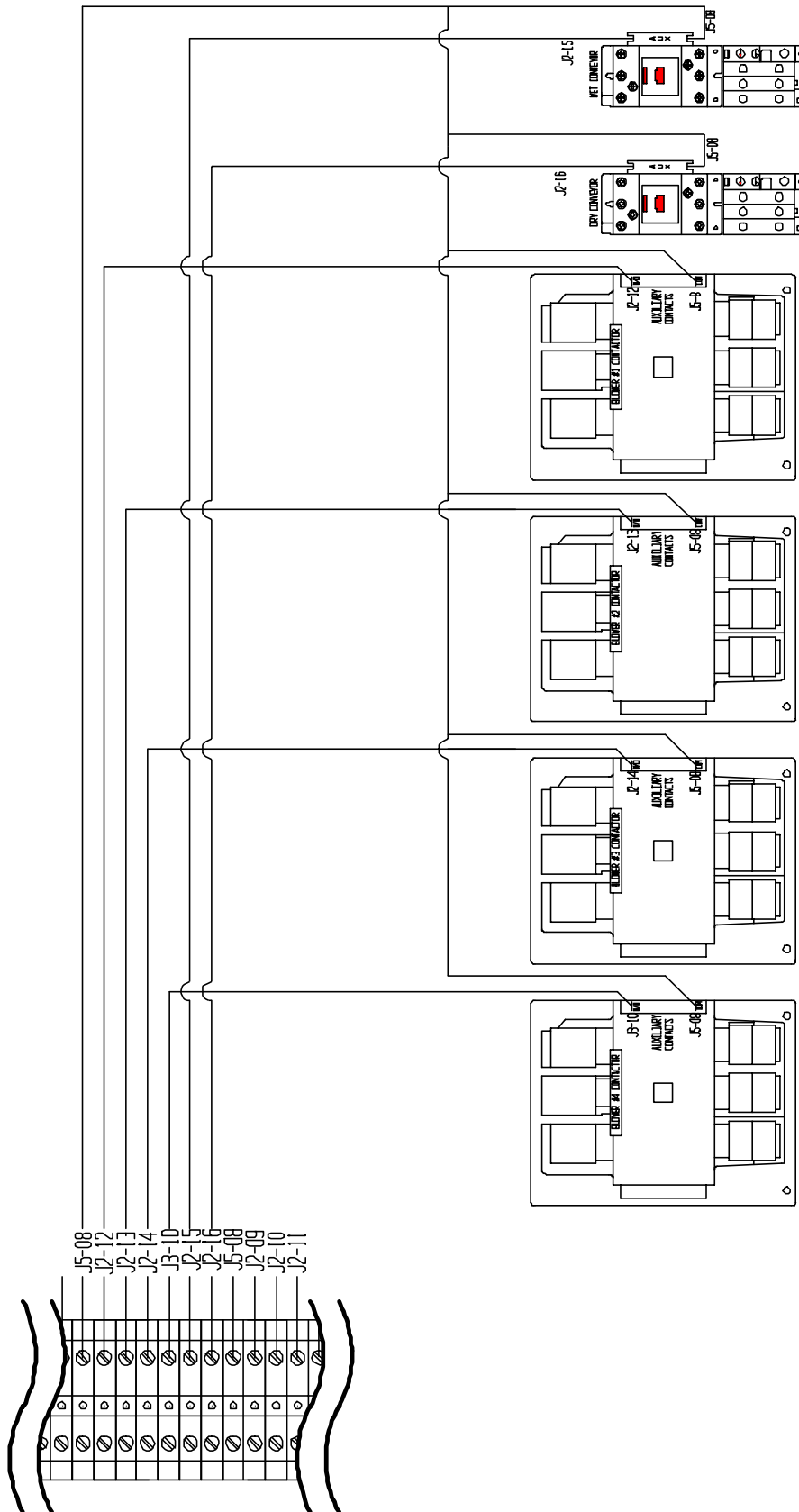
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EXTERNAL WIRING

21

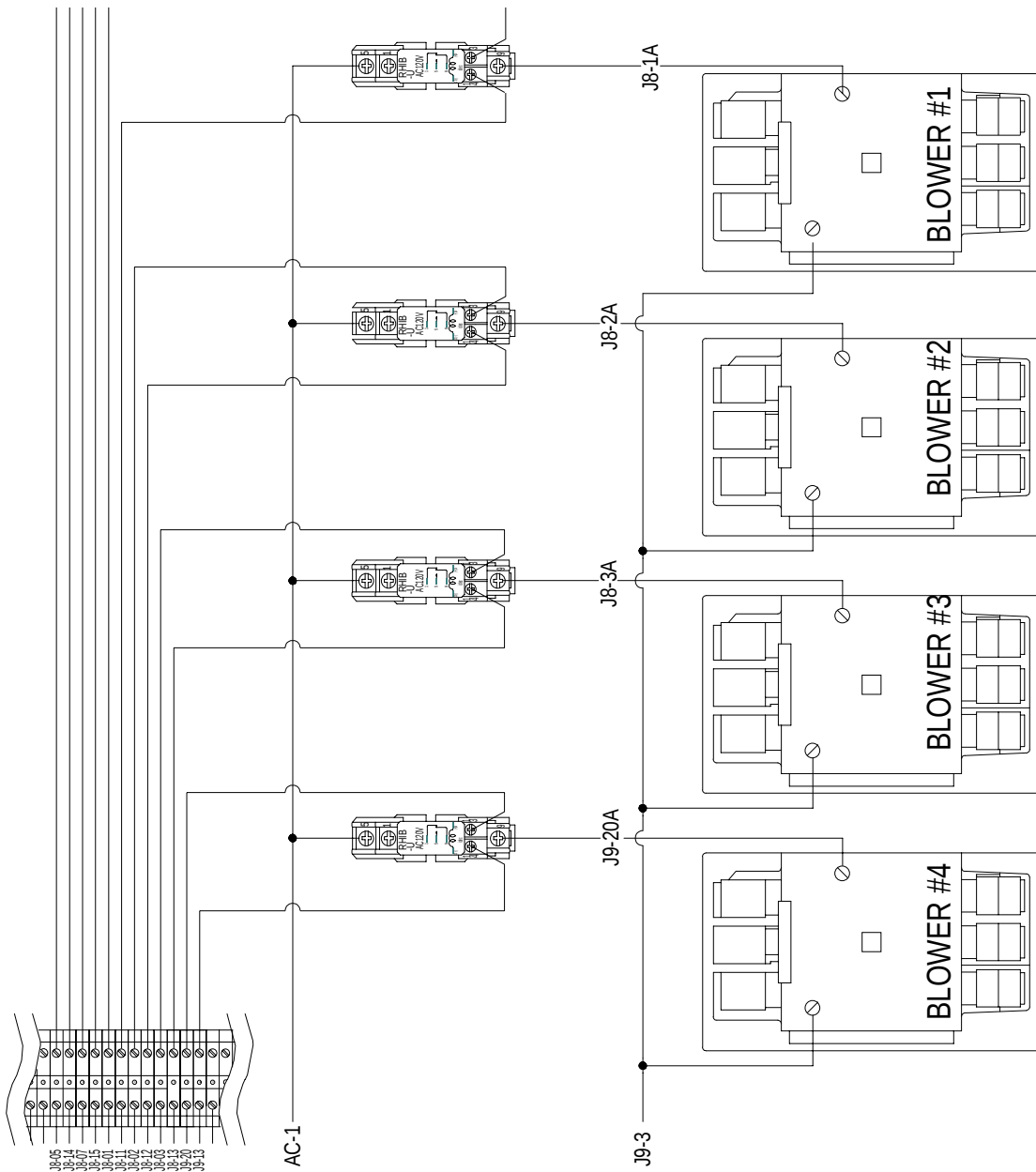
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FOUR FAN AUXILIARY INTERLOCK WIRING



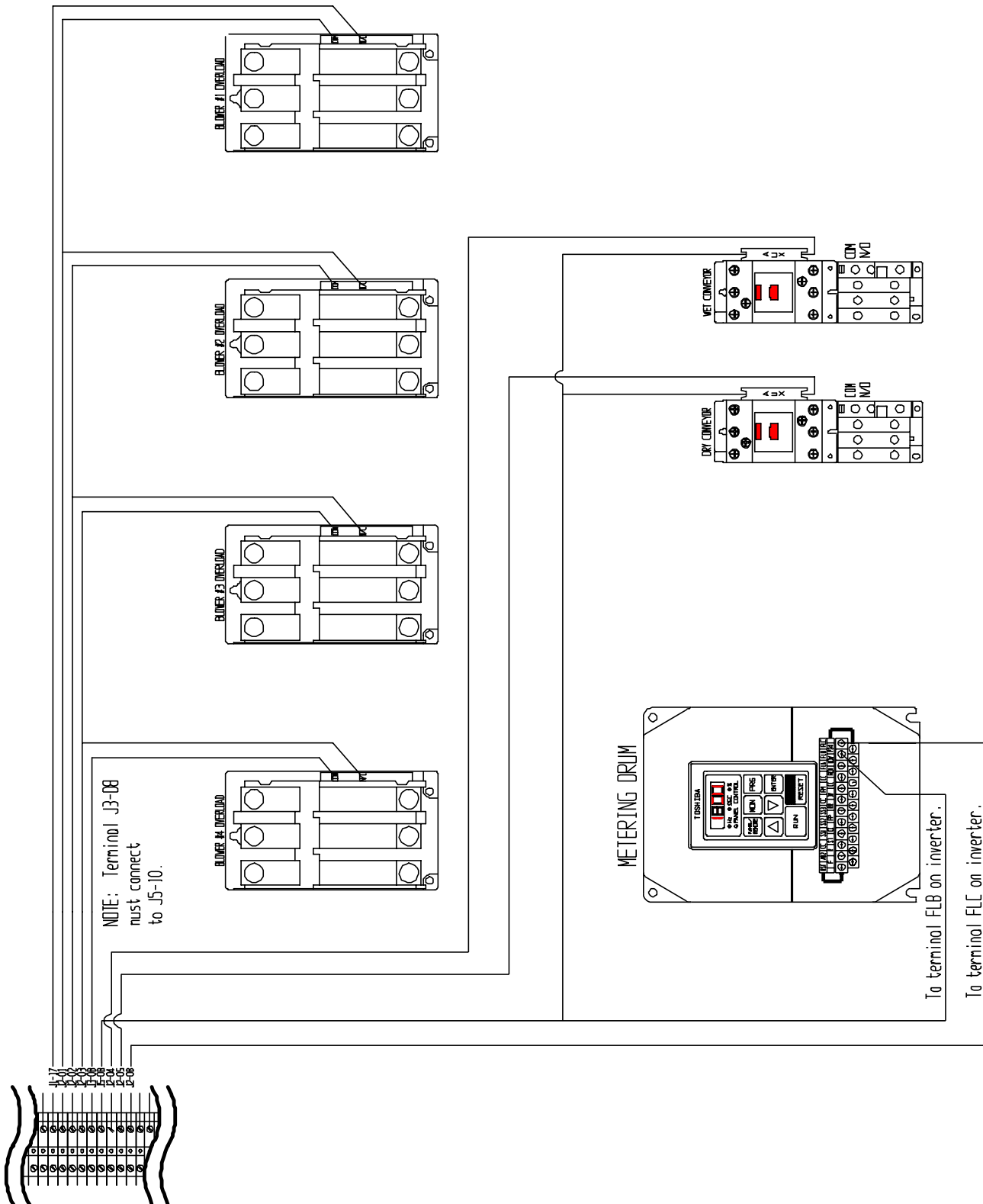
GS1 TOWER DRYER WIRING DIAGRAMS

FOUR FAN CONTACTOR COIL WIRING



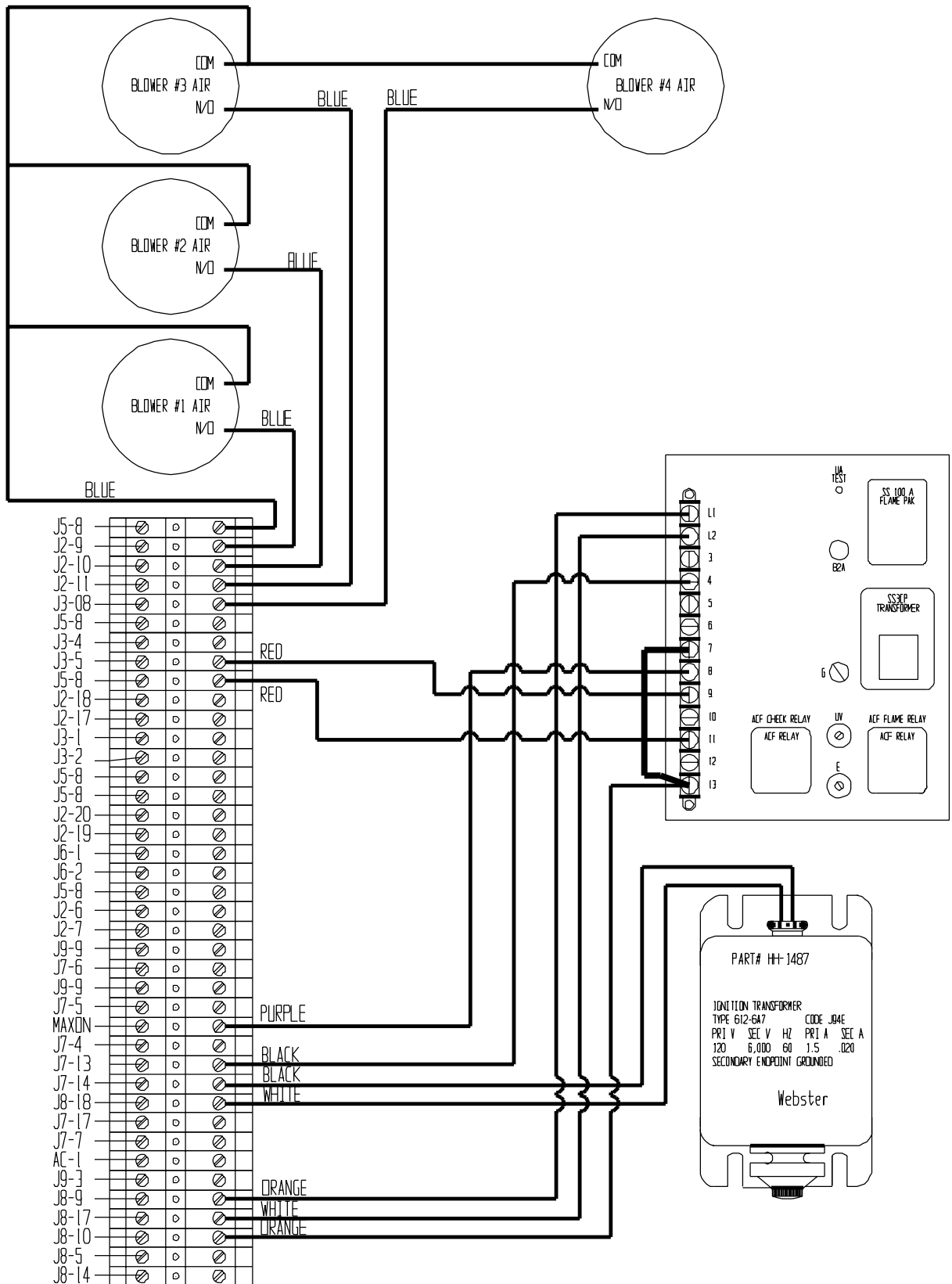
GSI TOWER DRYER WIRING DIAGRAMS

FOUR FAN OVERLOAD WIRING



GSI TOWER DRYER WIRING DIAGRAMS

FOUR FAN PROTECTOFIER/IGNITION/AIRSWITCH WIRING

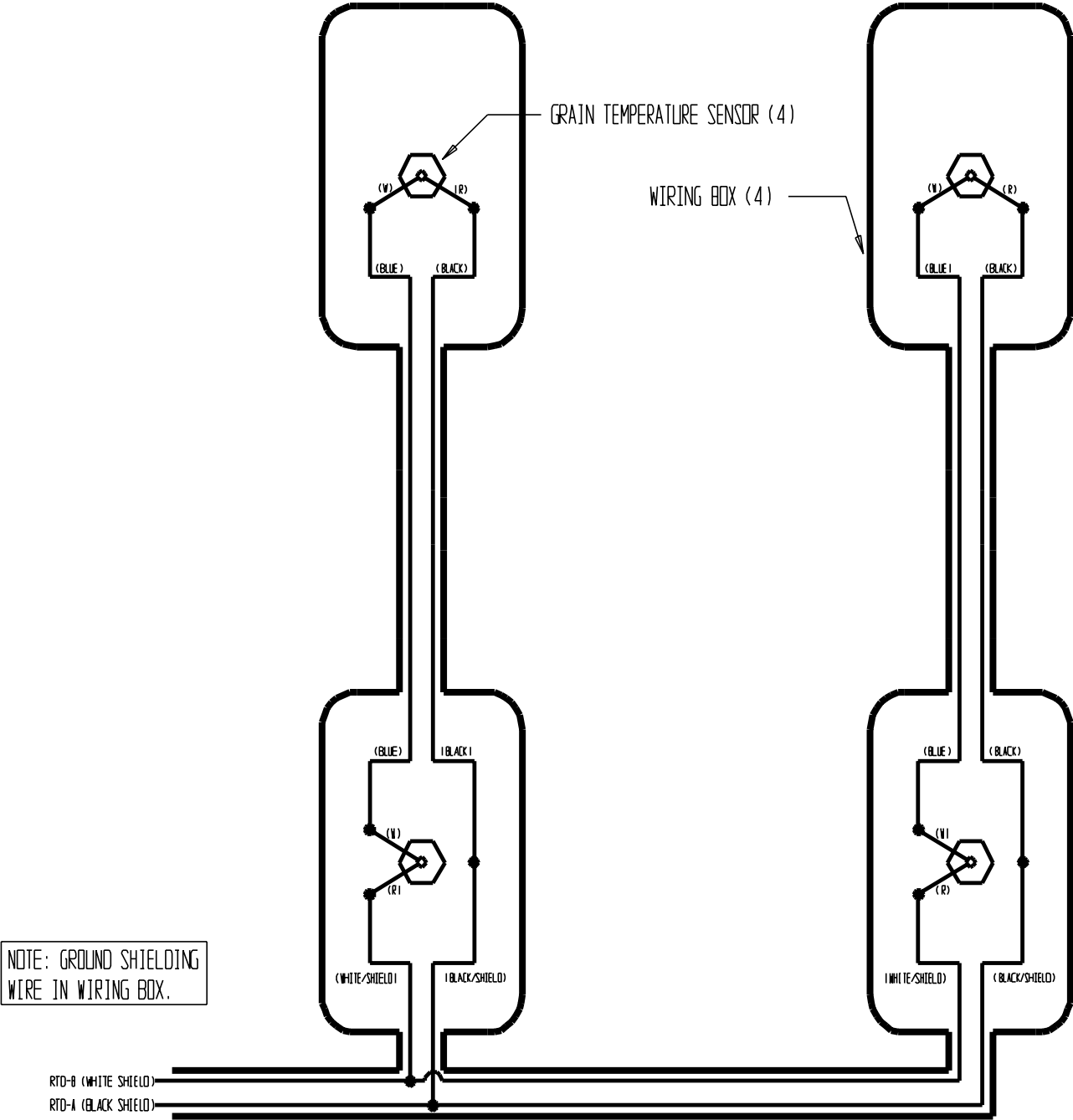


GSI TOWER DRYER WIRING DIAGRAMS

SENSOR WIRING

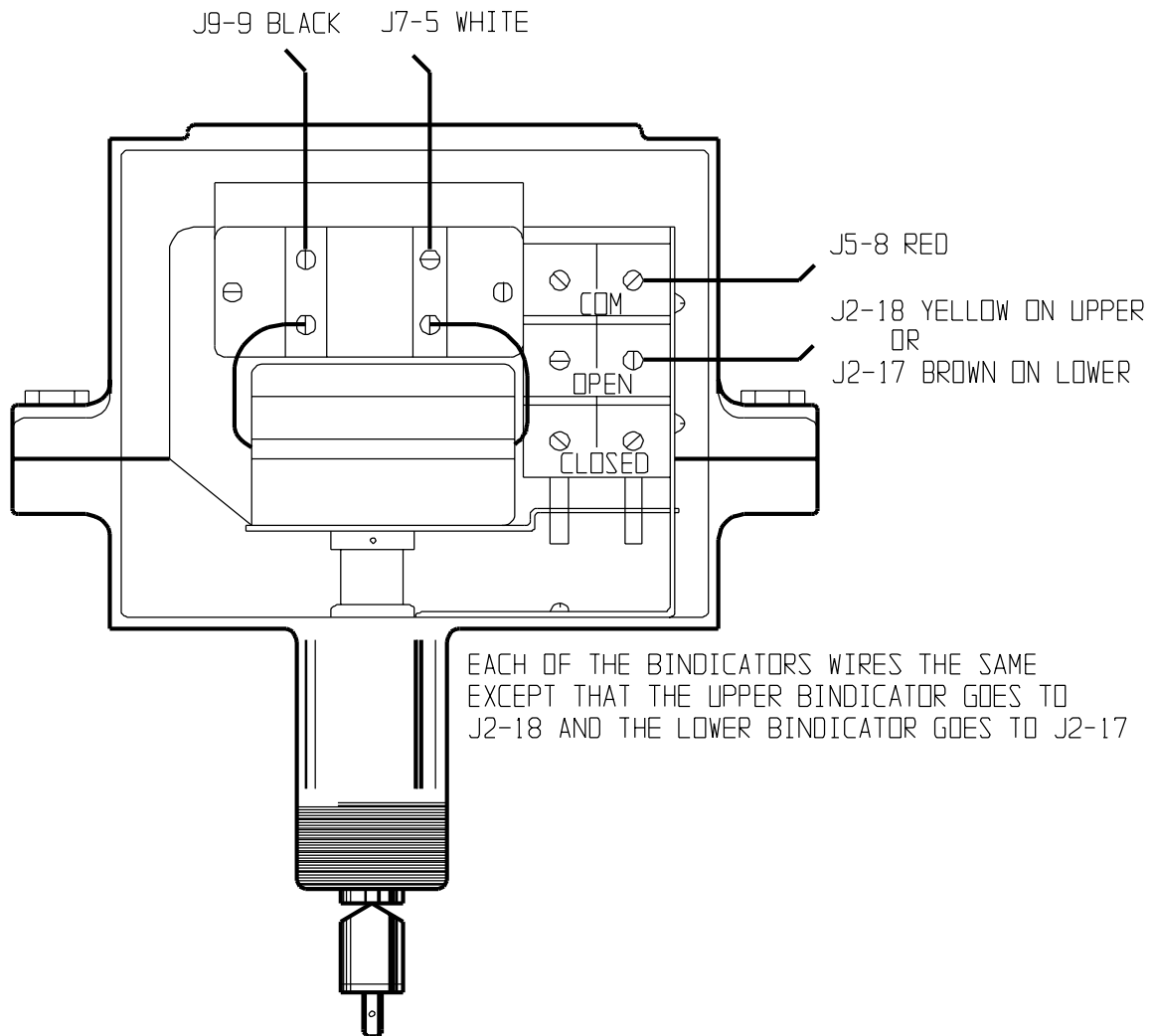
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GRAIN TEMPERATURE SENSOR WIRING



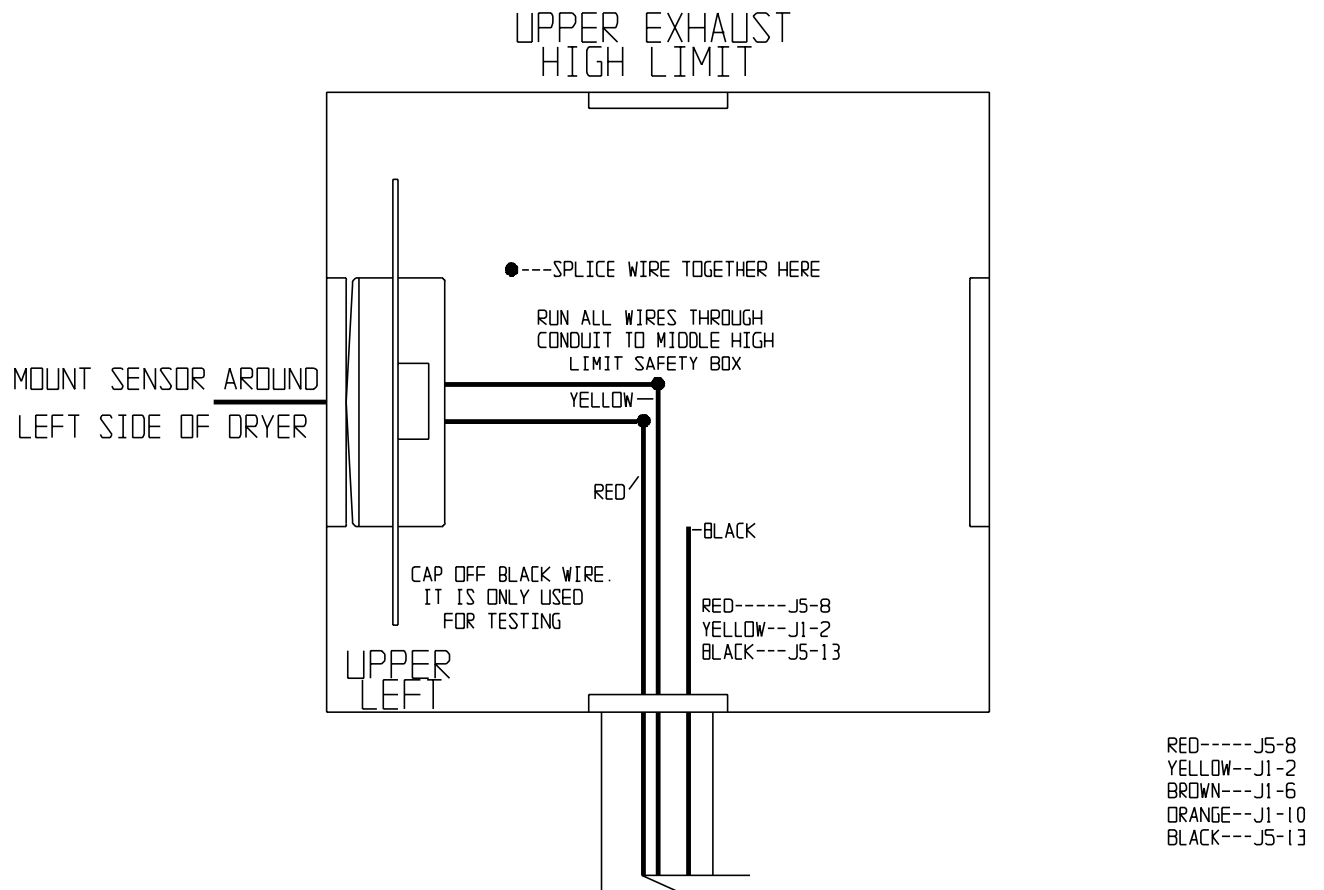
GS1 TOWER DRYER WIRING DIAGRAMS

BINDICATOR WIRING



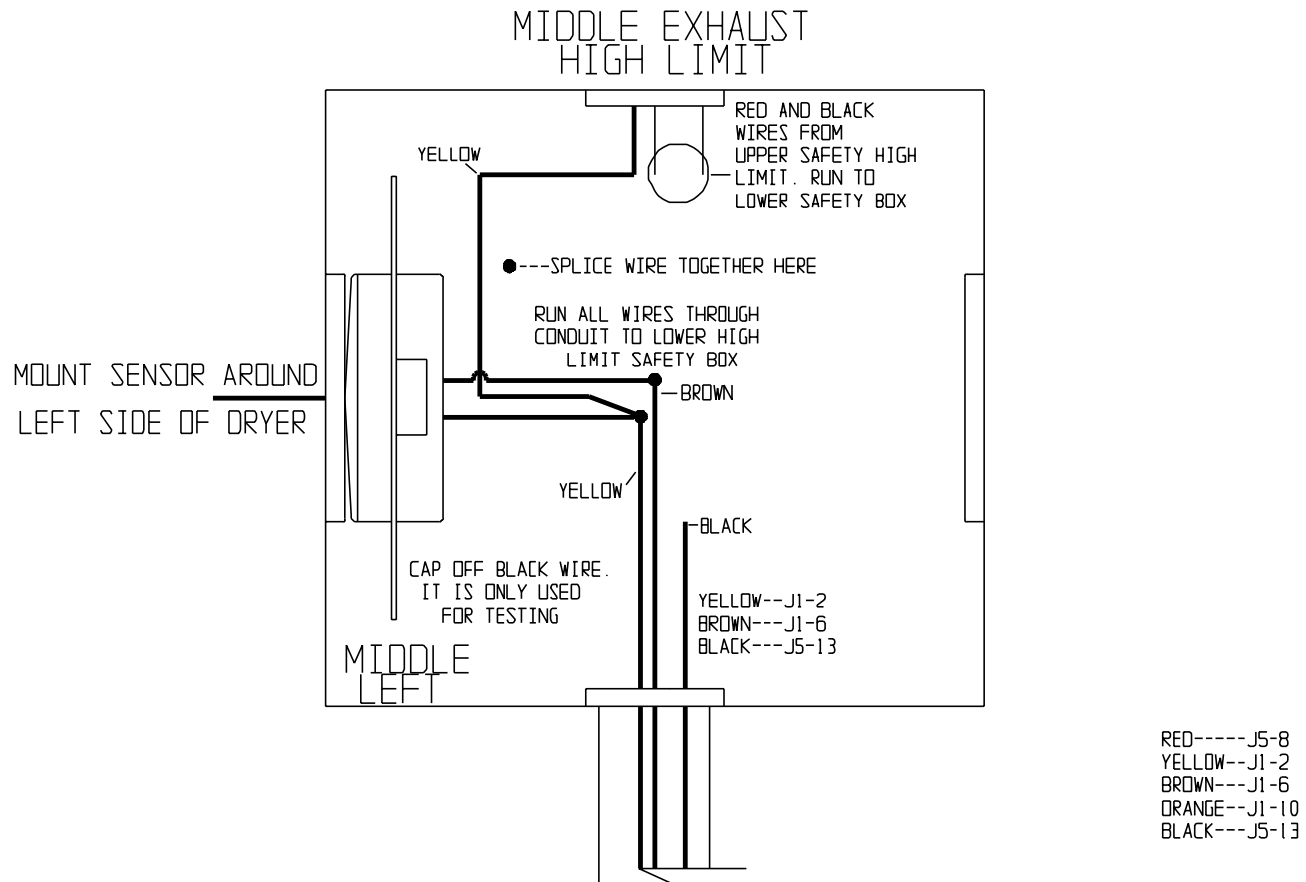
GSI TOWER DRYER WIRING DIAGRAMS

SINGLE FAN UPPER SAFETY HIGH LIMIT WIRING



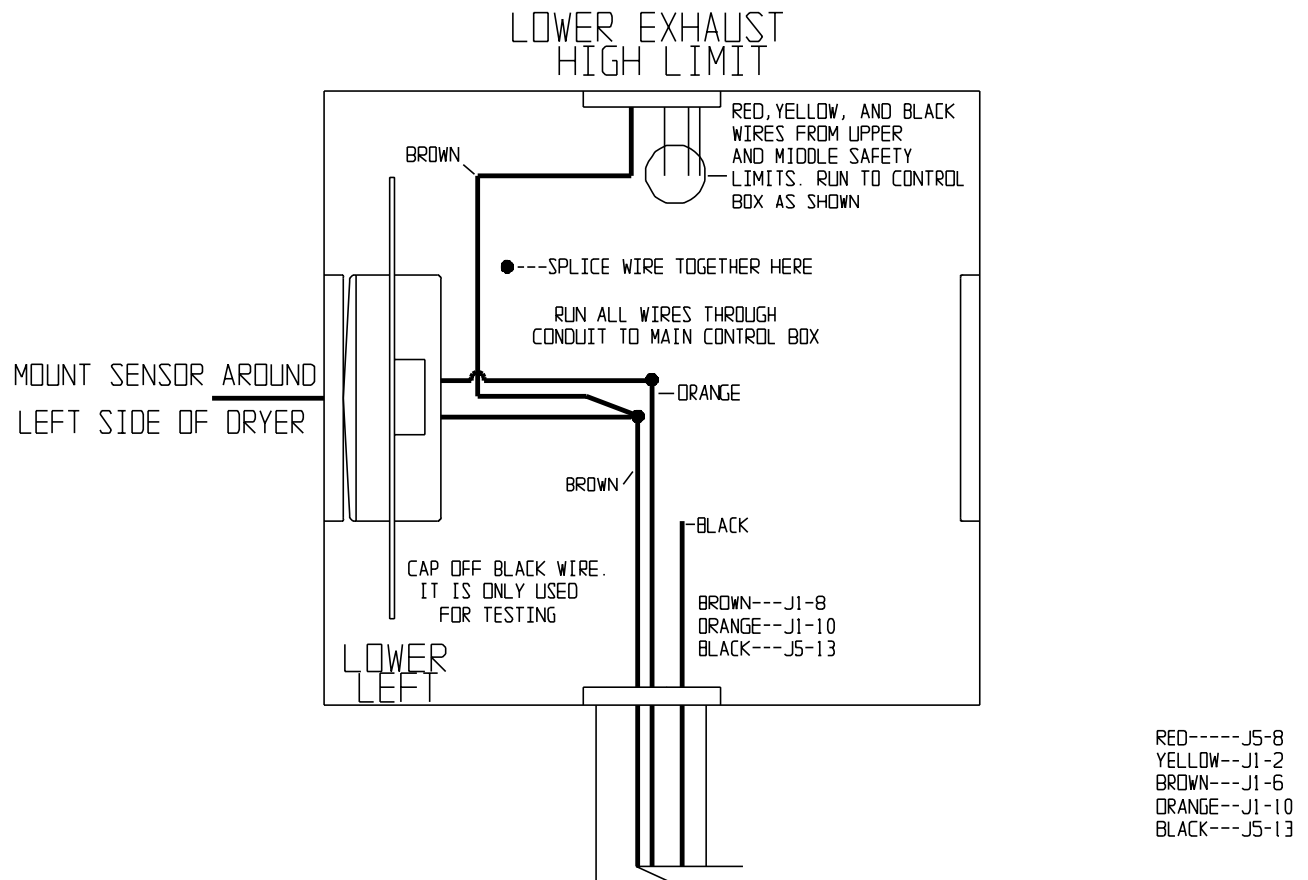
GS1 TOWER DRYER WIRING DIAGRAMS

SINGLE FAN MIDDLE SAFETY HIGH LIMIT WIRING



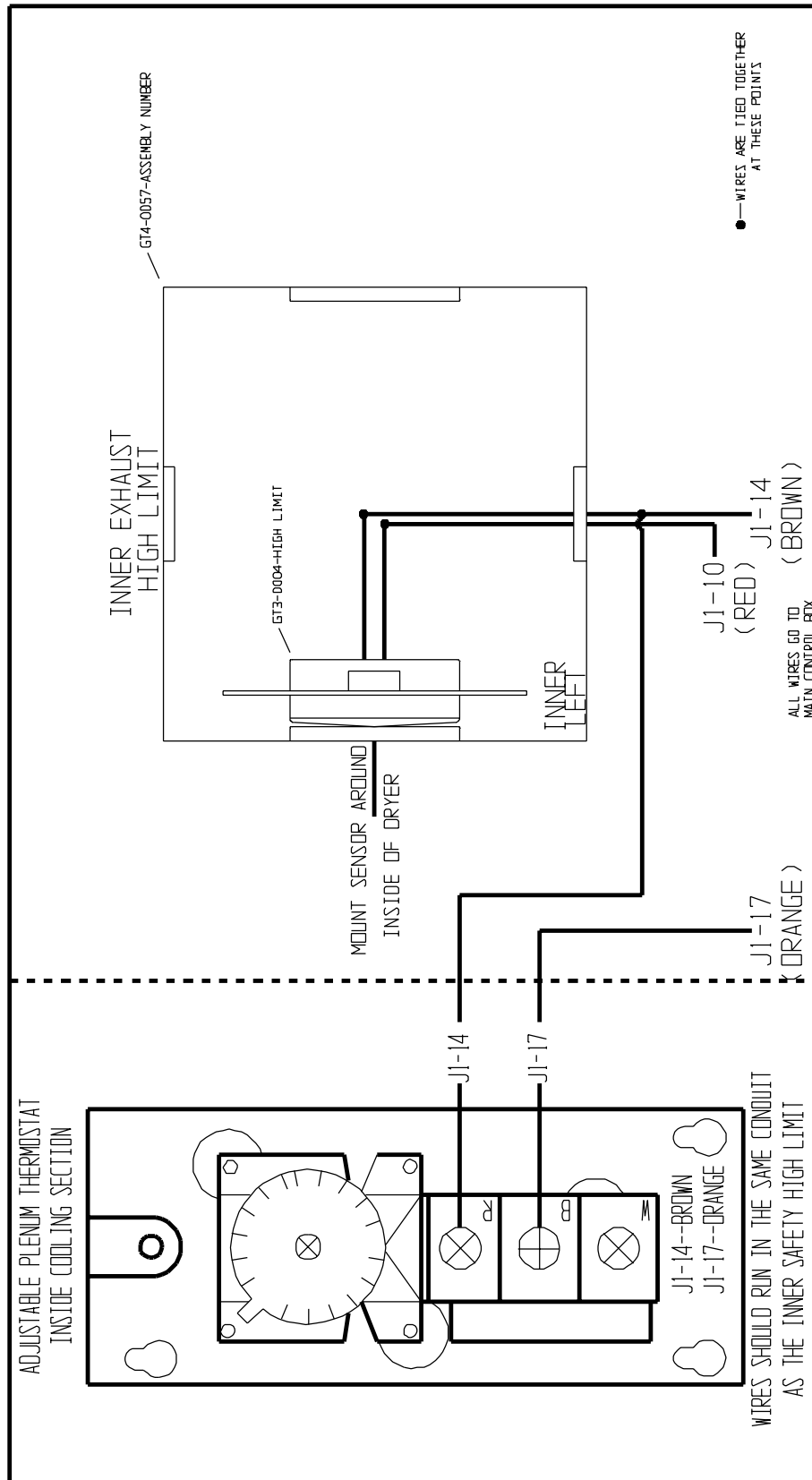
GS1 TOWER DRYER WIRING DIAGRAMS

SINGLE FAN LOWER SAFETY HIGH LIMIT WIRING



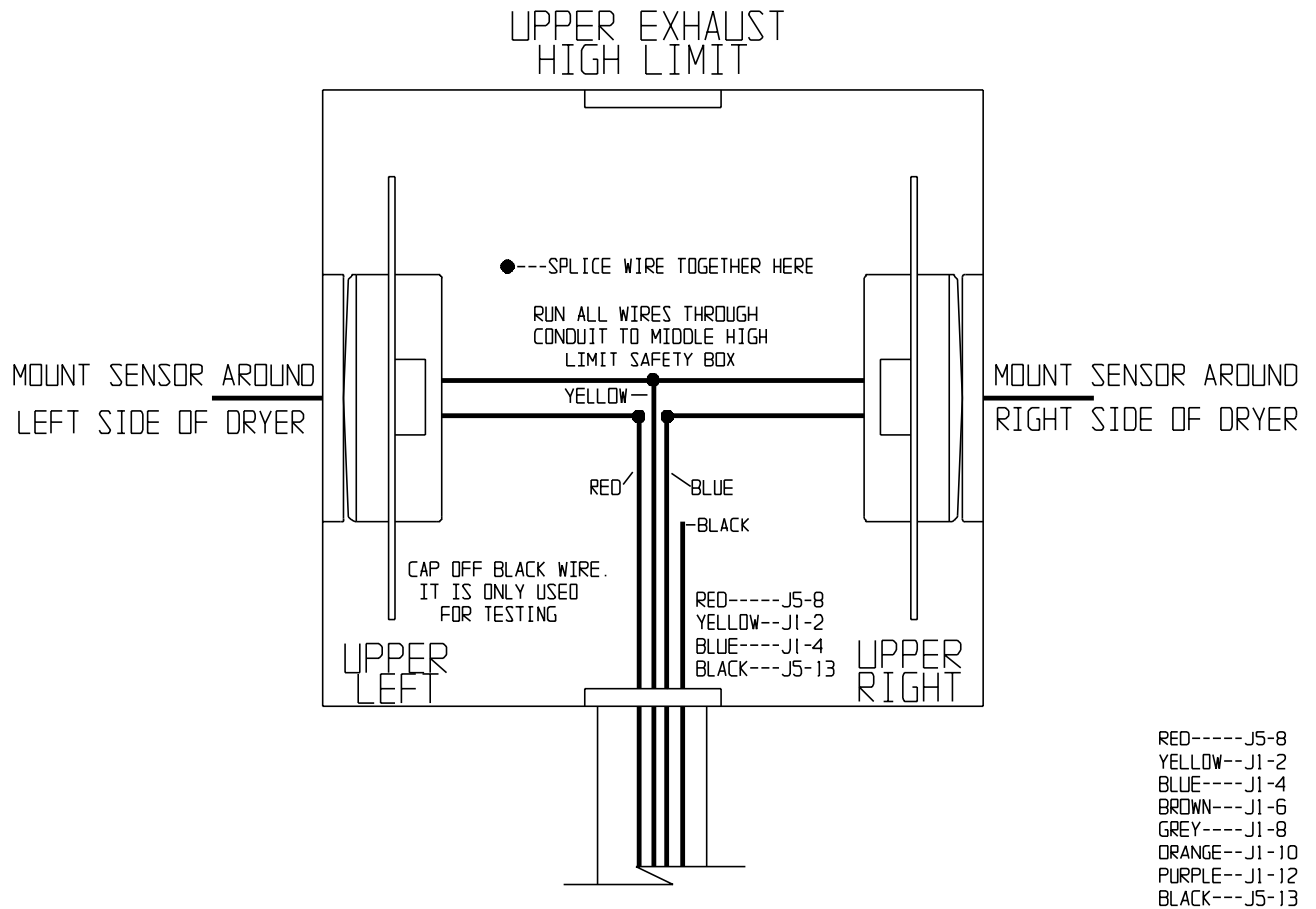
GSI TOWER DRYER WIRING DIAGRAMS

SINGLE FAN INSIDE SAFETY HIGH LIMIT WIRING



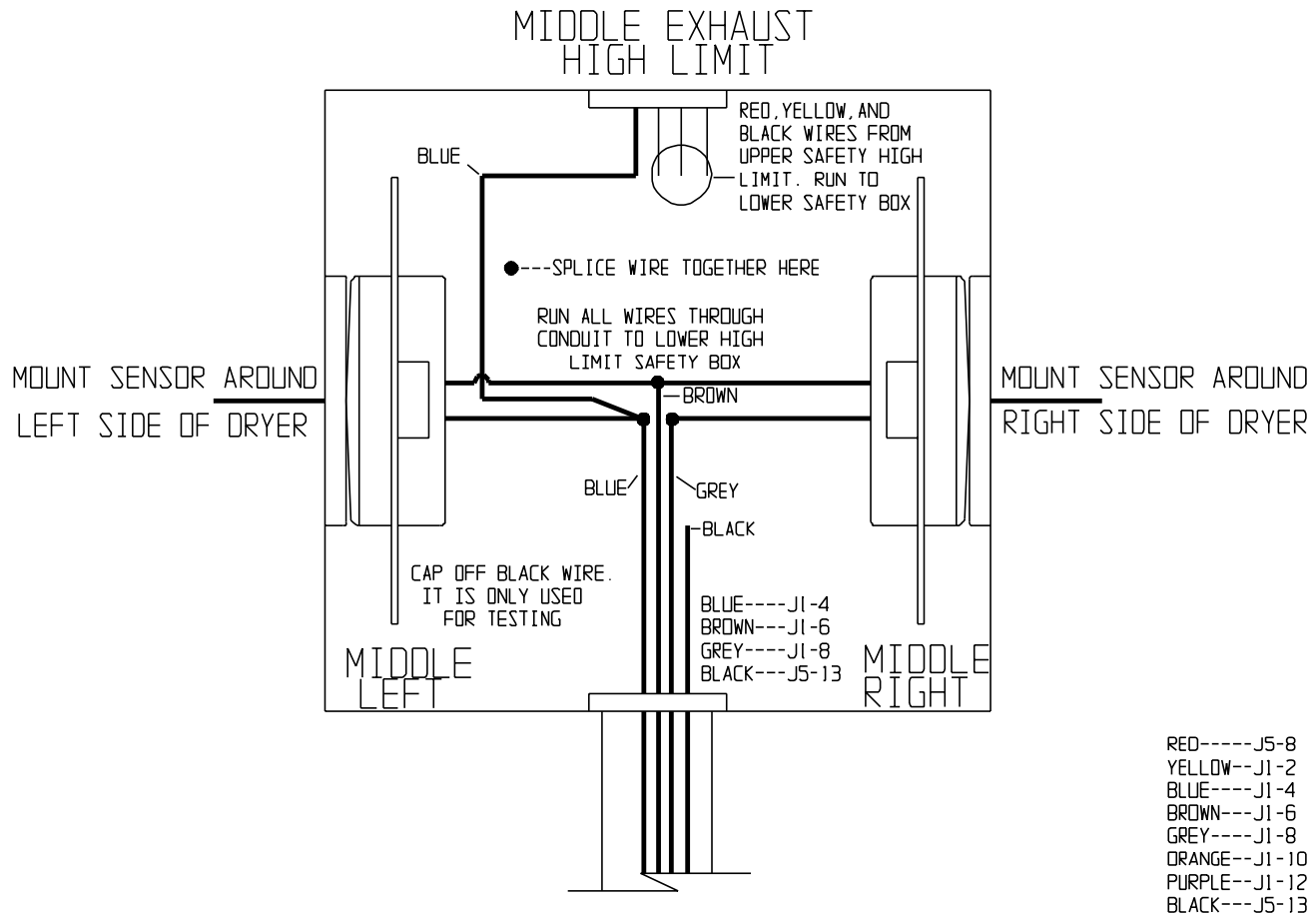
GSI TOWER DRYER WIRING DIAGRAMS

THREE & FOUR FAN UPPER SAFETY HIGH LIMIT WIRING



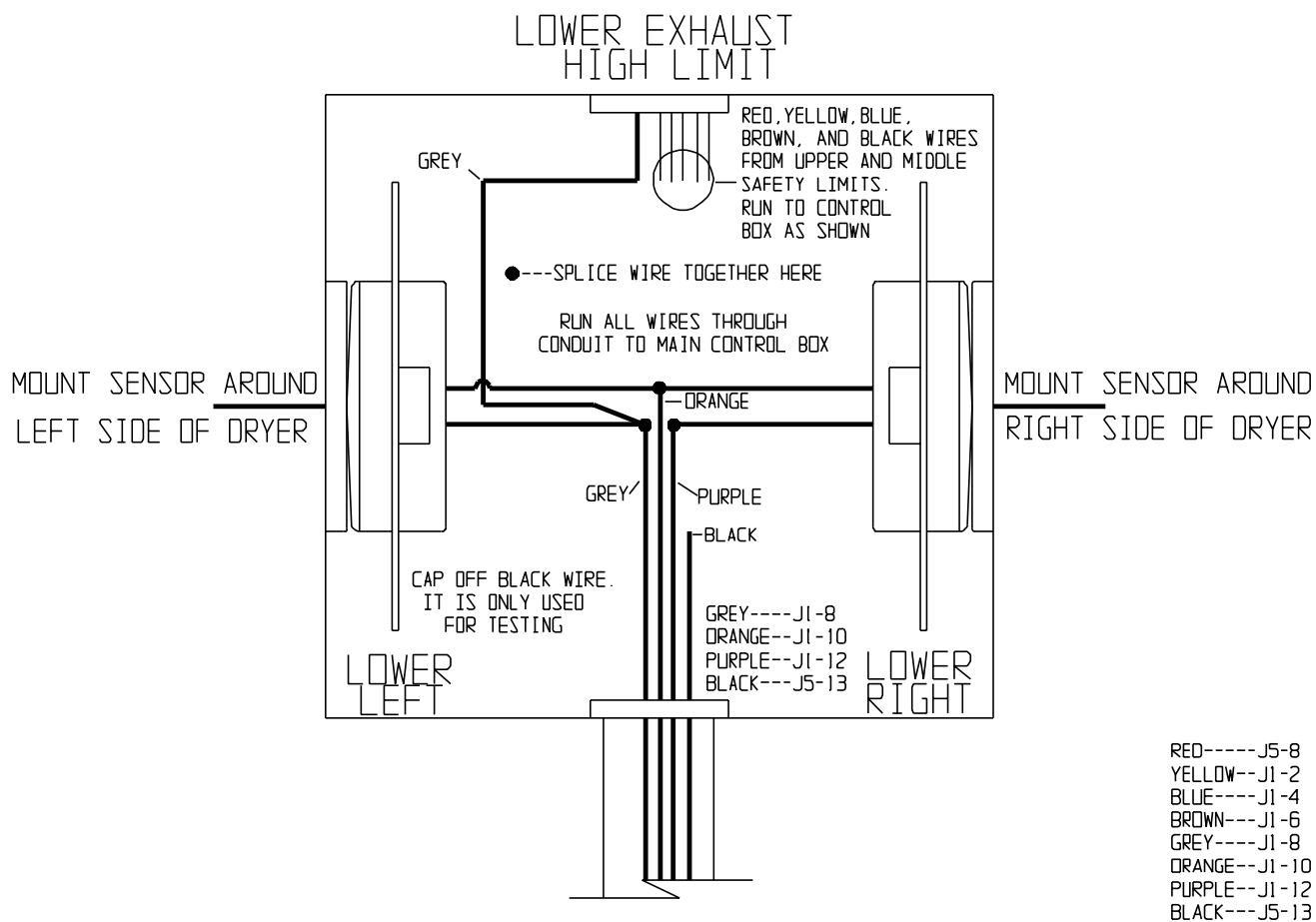
GSI TOWER DRYER WIRING DIAGRAMS

THREE & FOUR FAN MIDDLE SAFETY HIGH LIMIT WIRING



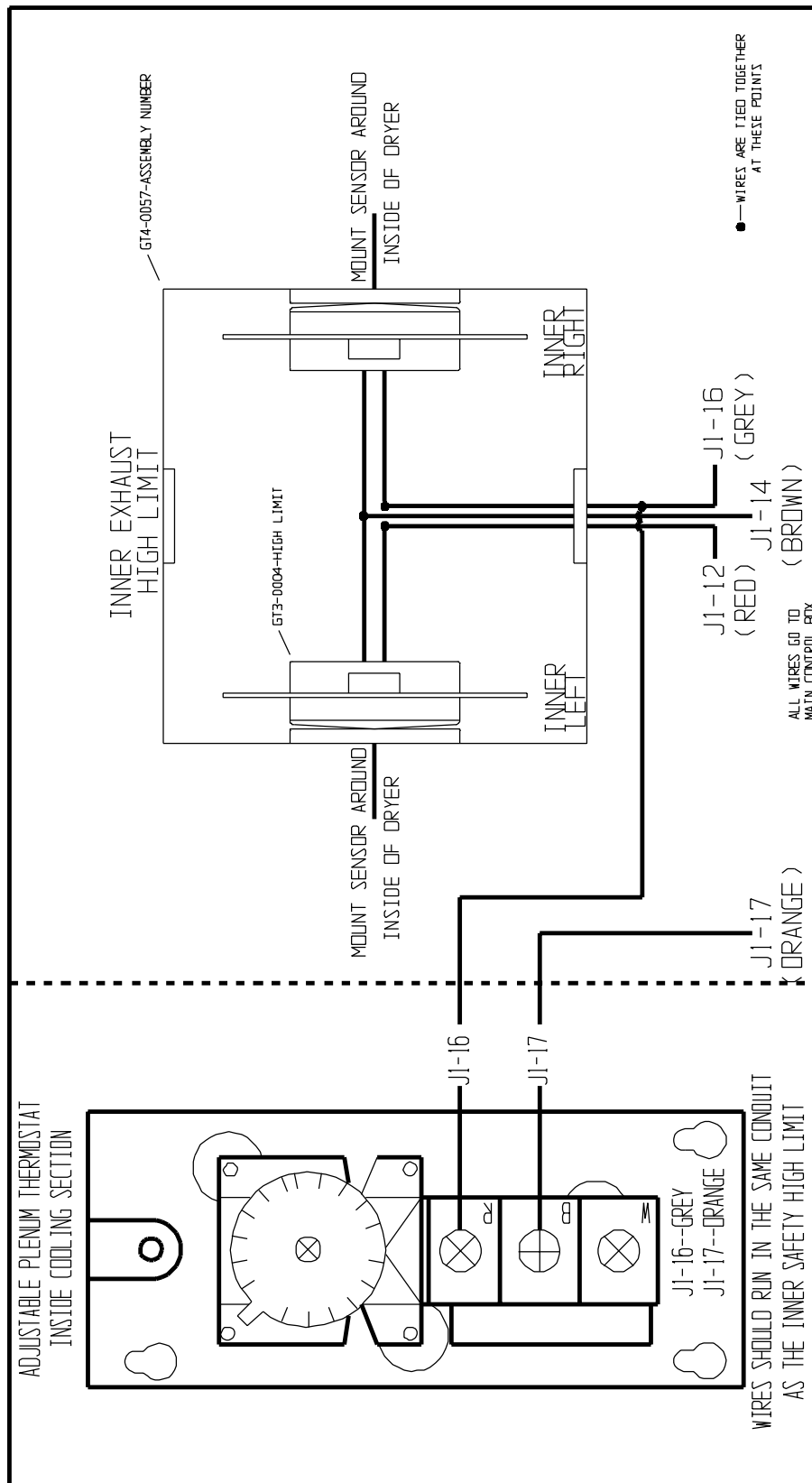
GSi TOWER DRYER WIRING DIAGRAMS

THREE & FOUR FAN LOWER SAFETY HIGH LIMIT WIRING



GSI TOWER DRYER WIRING DIAGRAMS

THREE & FOUR FAN INSIDE SAFETY HIGH LIMIT WIRING

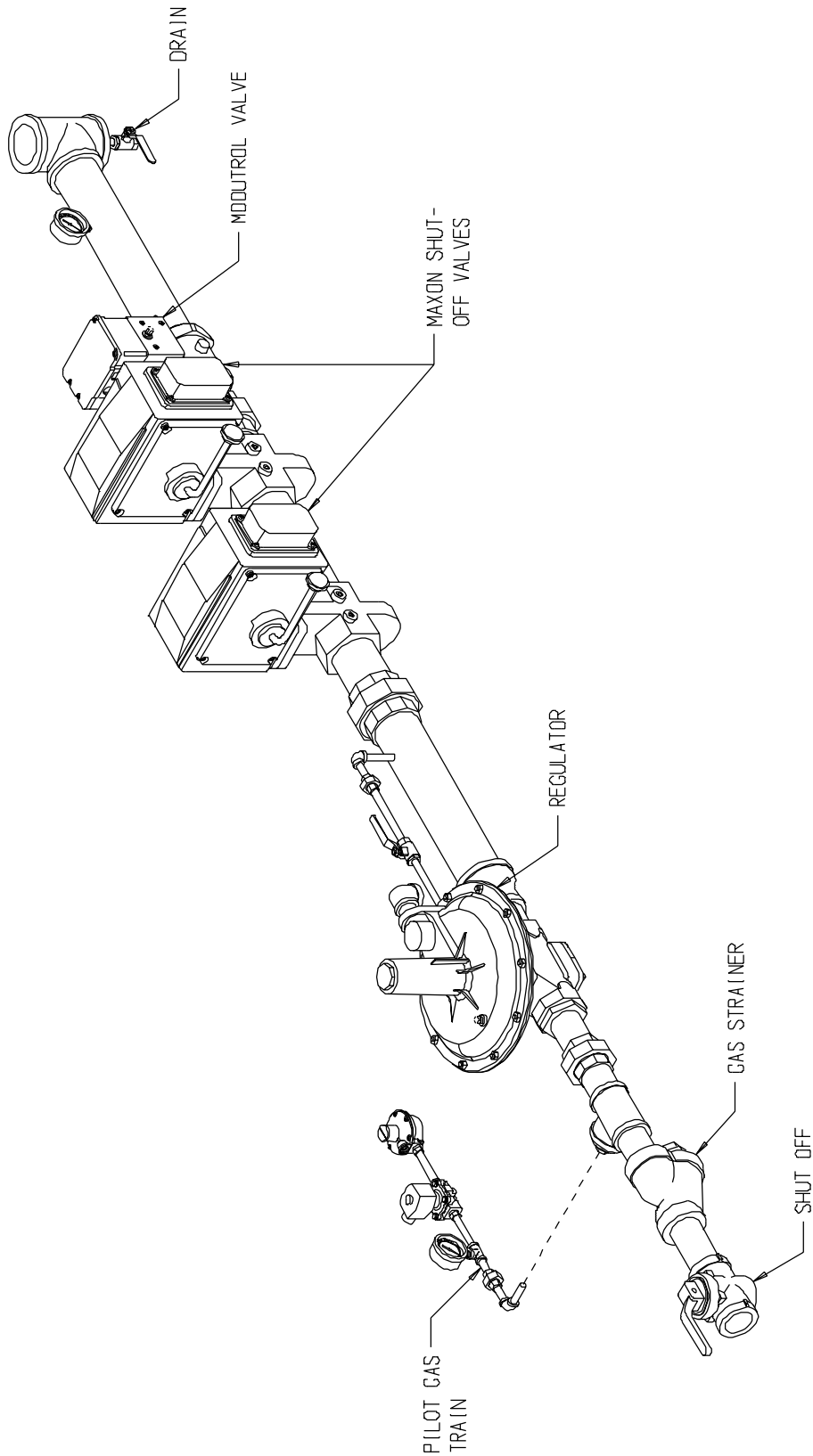


GSI TOWER DRYER WIRING DIAGRAMS

FUEL TRAIN

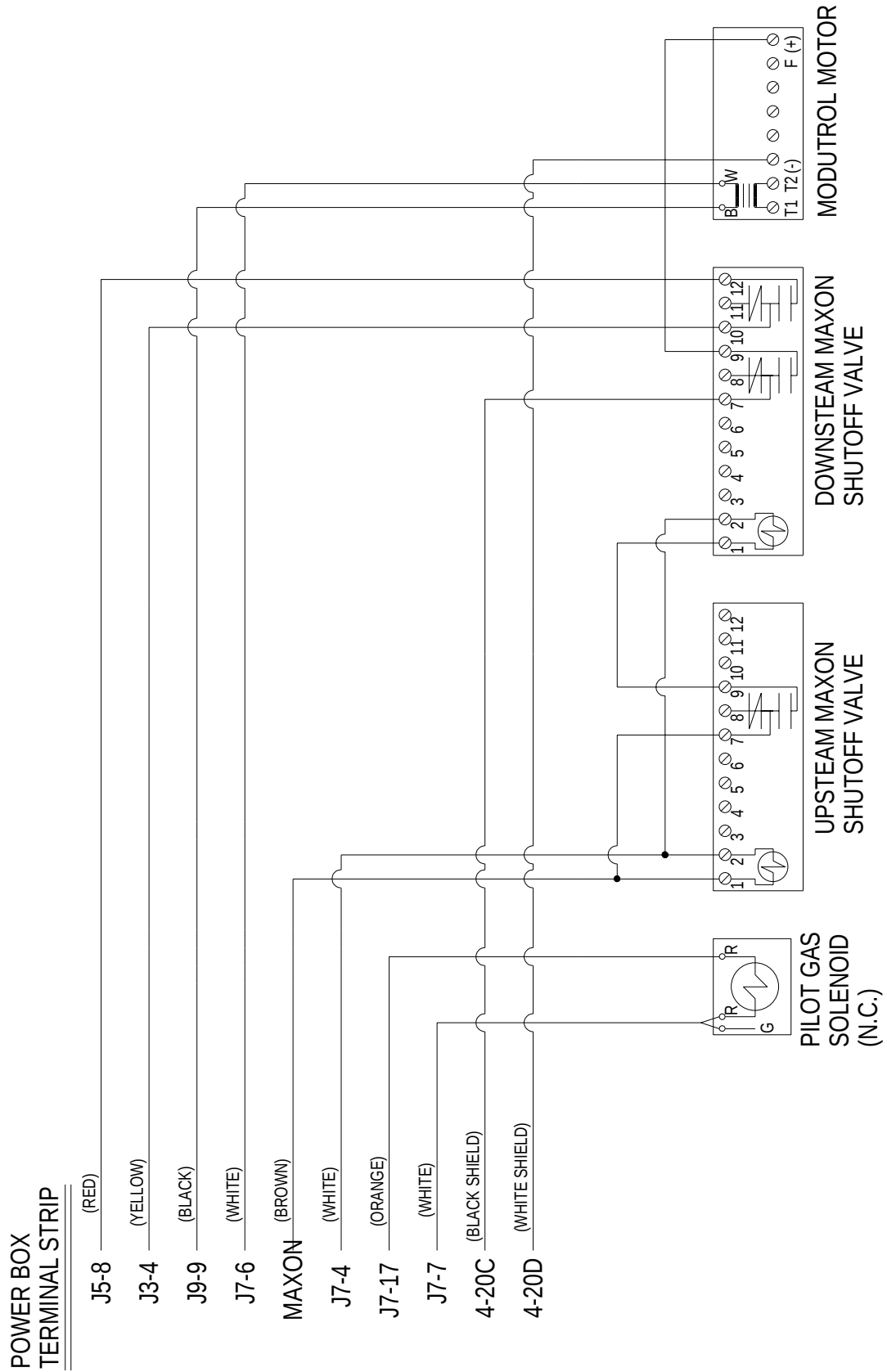
GS1 TOWER DRYER WIRING DIAGRAMS

FUEL TRAIN



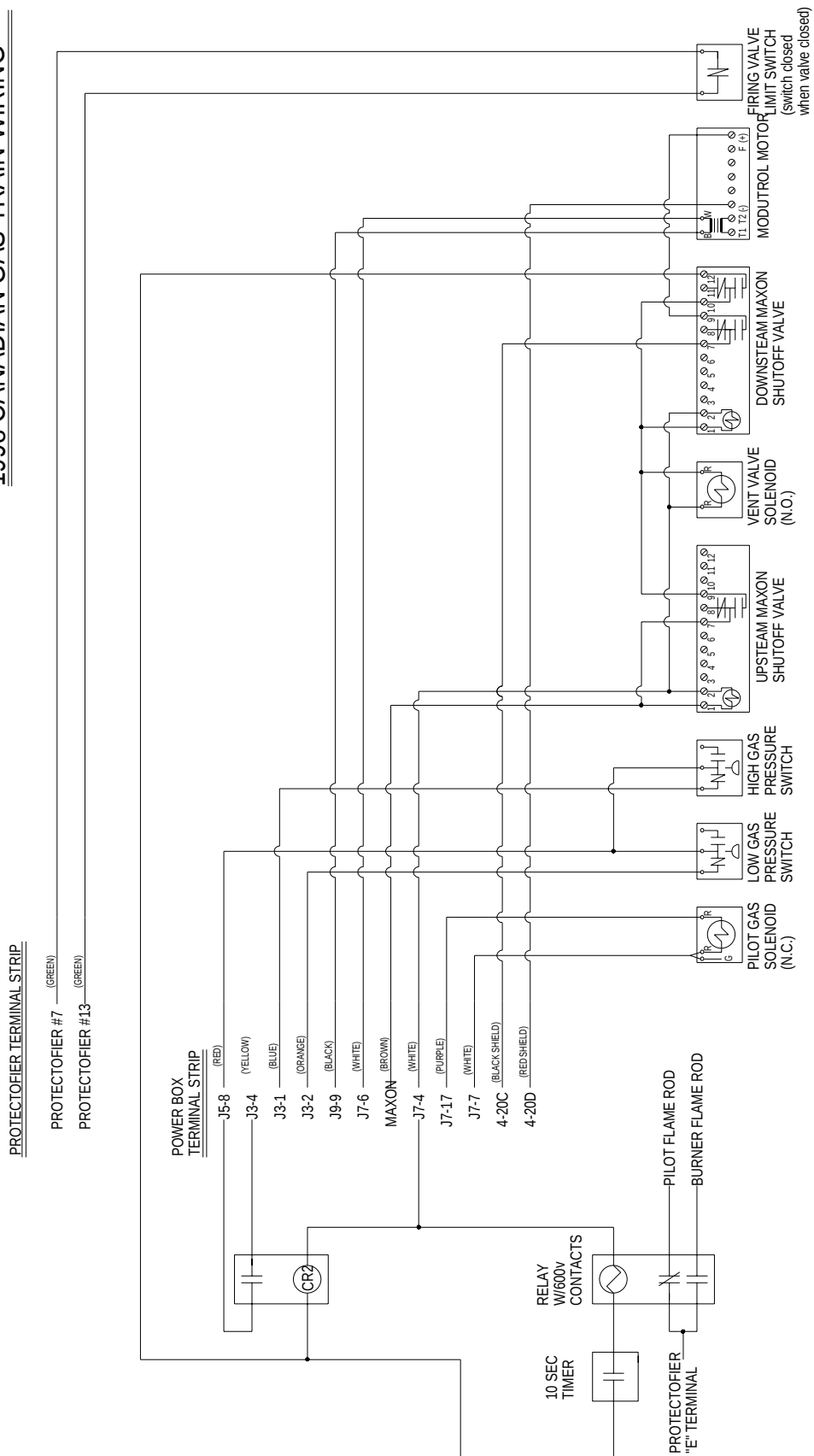
GSI TOWER DRYER WIRING DIAGRAMS

STANDARD FUEL TRAIN WIRING



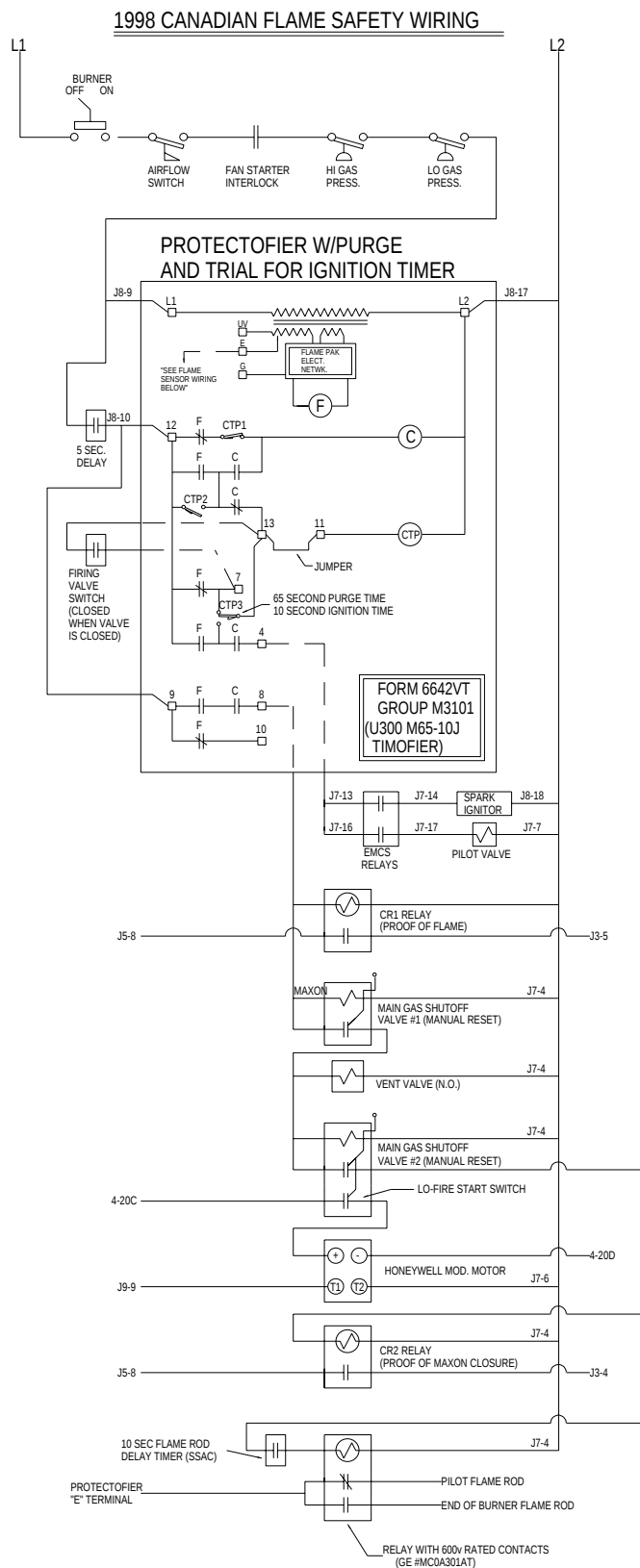
CANADIAN FUEL TRAIN WIRING

1998 CANADIAN GAS TRAIN WIRING



GS I TOWER DRYER WIRING DIAGRAMS

CANADIAN PROTECTOFIER WITH TIMOFIER WIRING

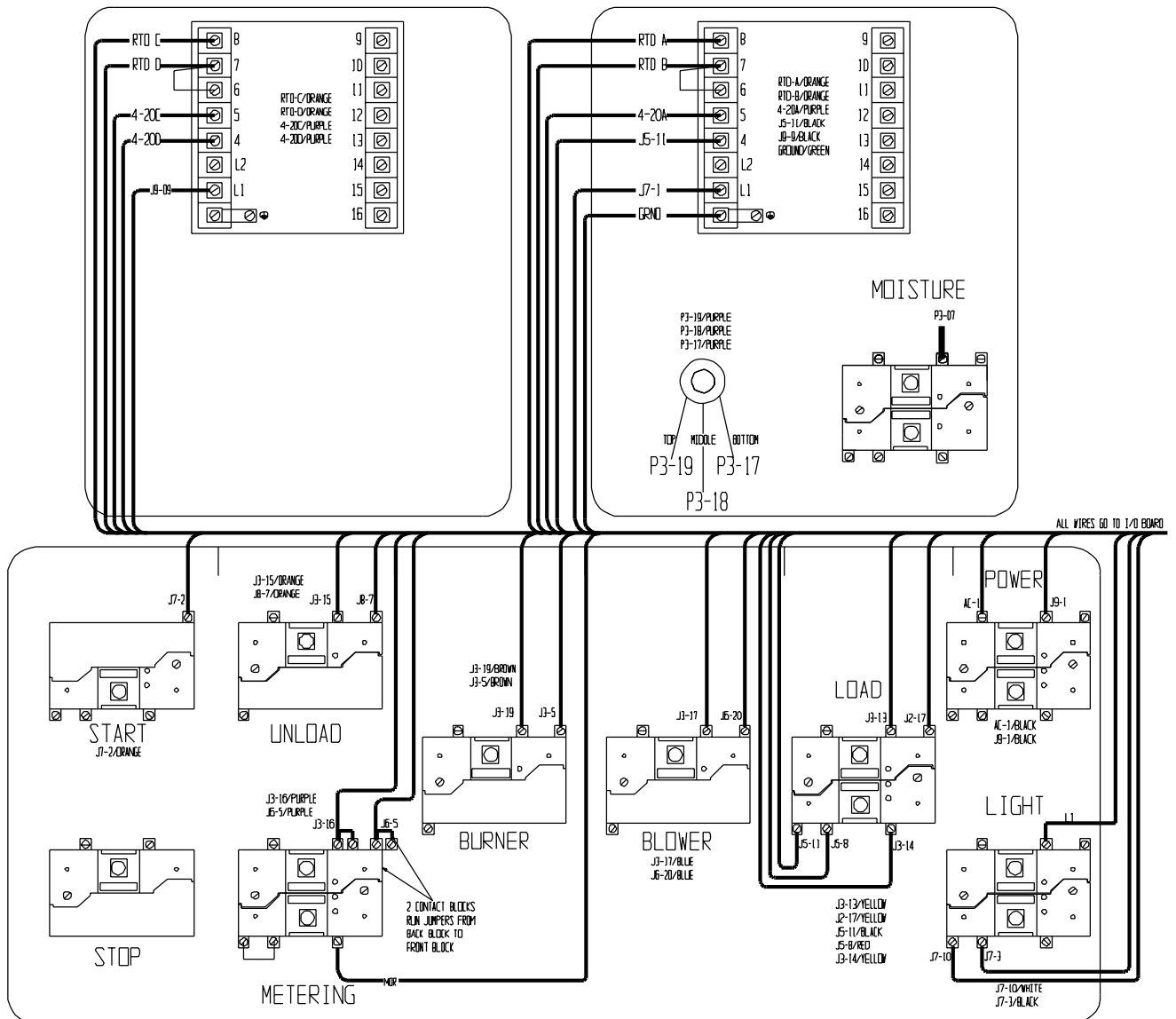


GSI TOWER DRYER WIRING DIAGRAMS

CONTROL PANEL WIRING

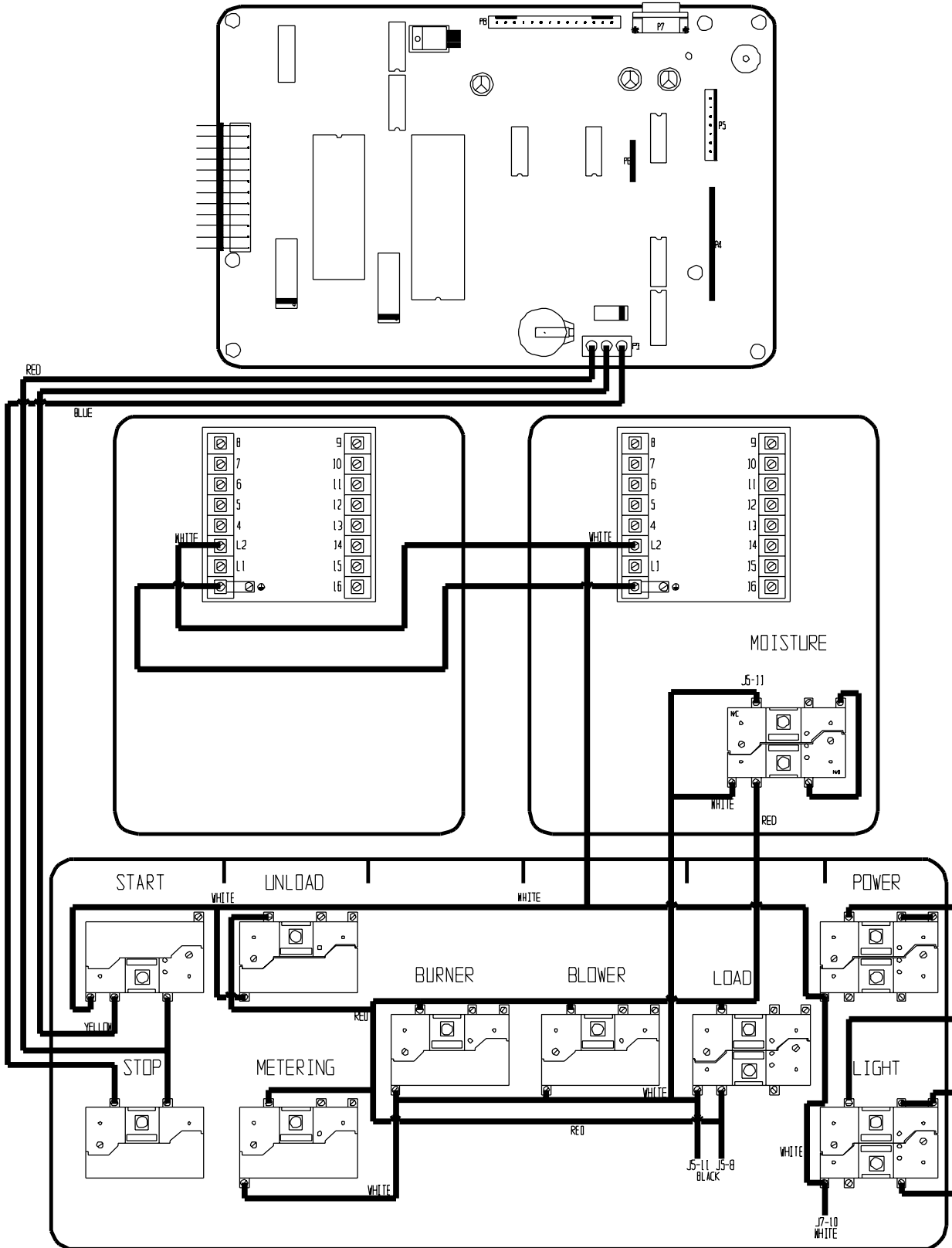
GSI TOWER DRYER WIRING DIAGRAMS

CONTROL PANEL FRONT PANEL EXTERNAL WIRING



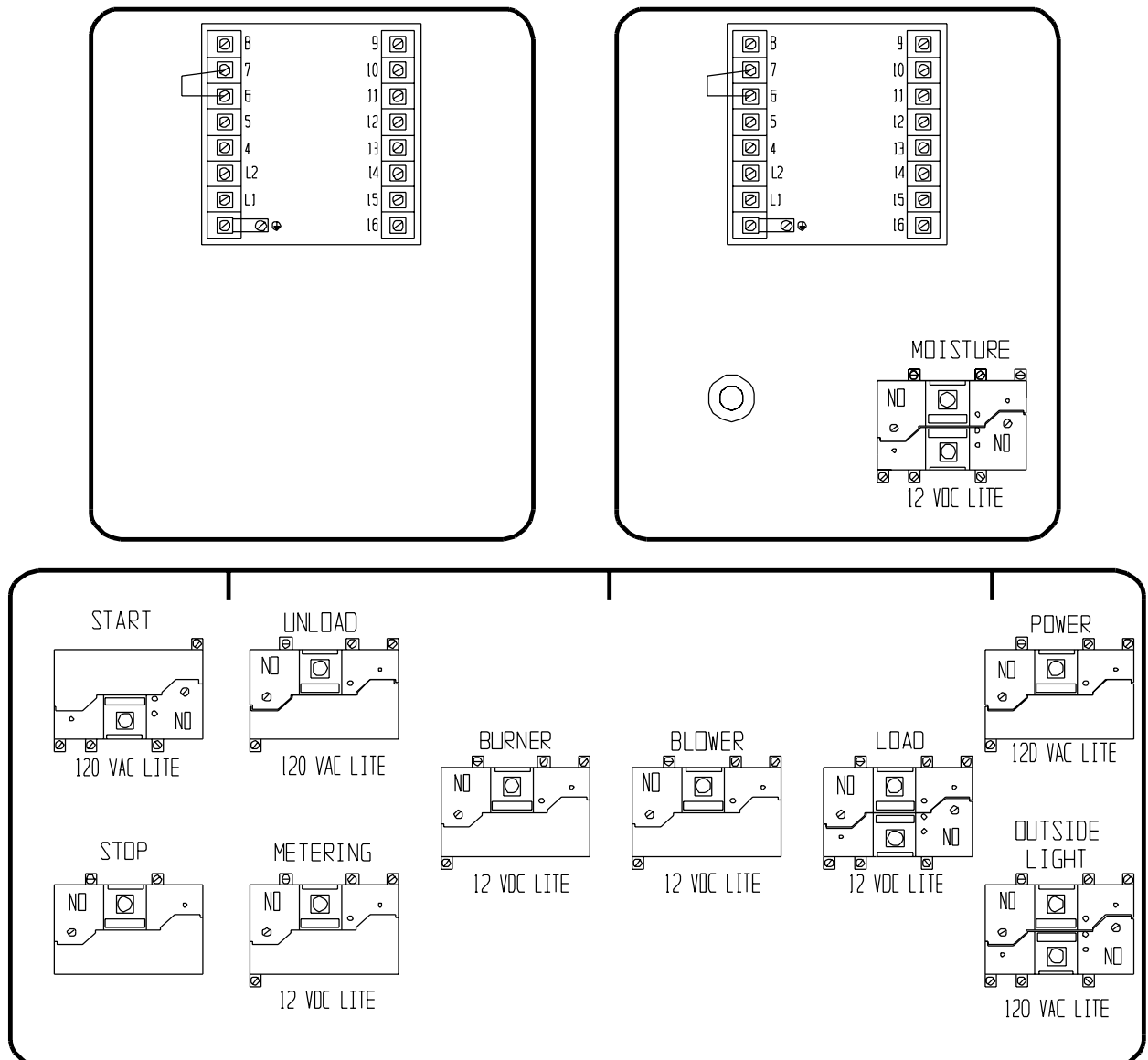
GS1 TOWER DRYER WIRING DIAGRAMS

CONTROL PANEL FRONT PANEL INTERNAL WIRING



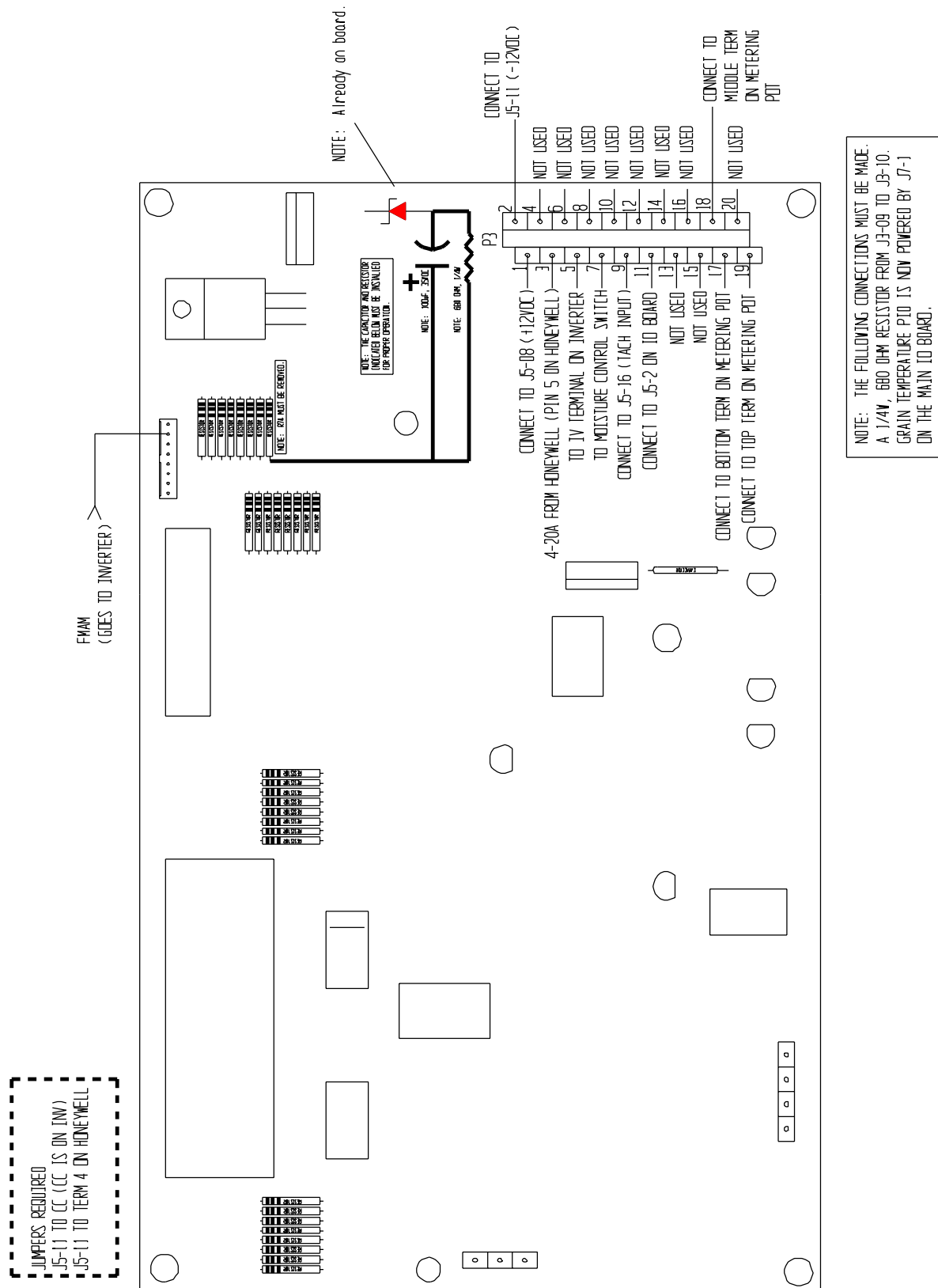
GSI TOWER DRYER WIRING DIAGRAMS

CONTROL PANEL FRONT PANEL LIGHT BULB VOLTAGES



GSI TOWER DRYER WIRING DIAGRAMS

PID BOARD WIRING

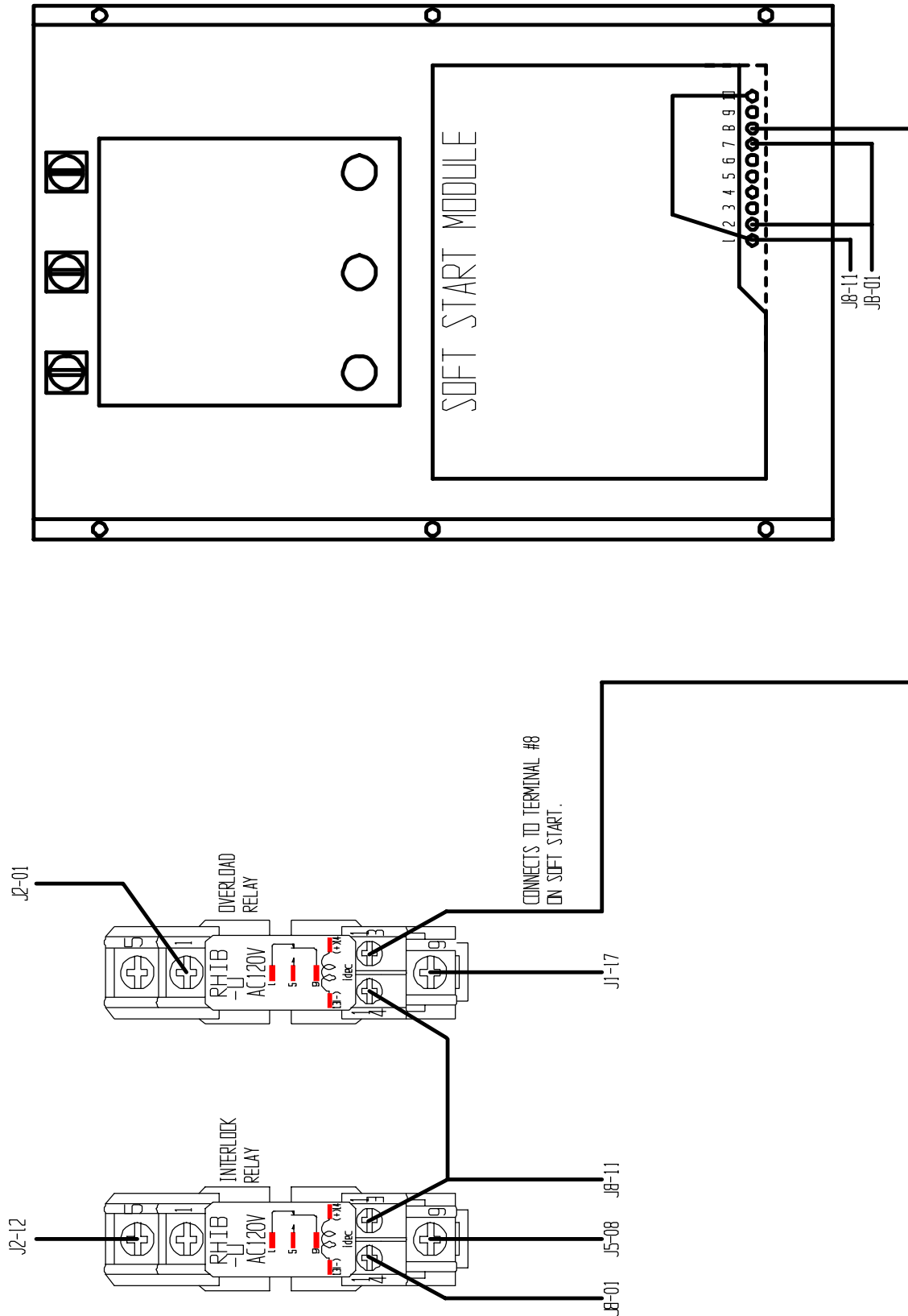


GSI TOWER DRYER WIRING DIAGRAMS

SPECIAL STARTER WIRING

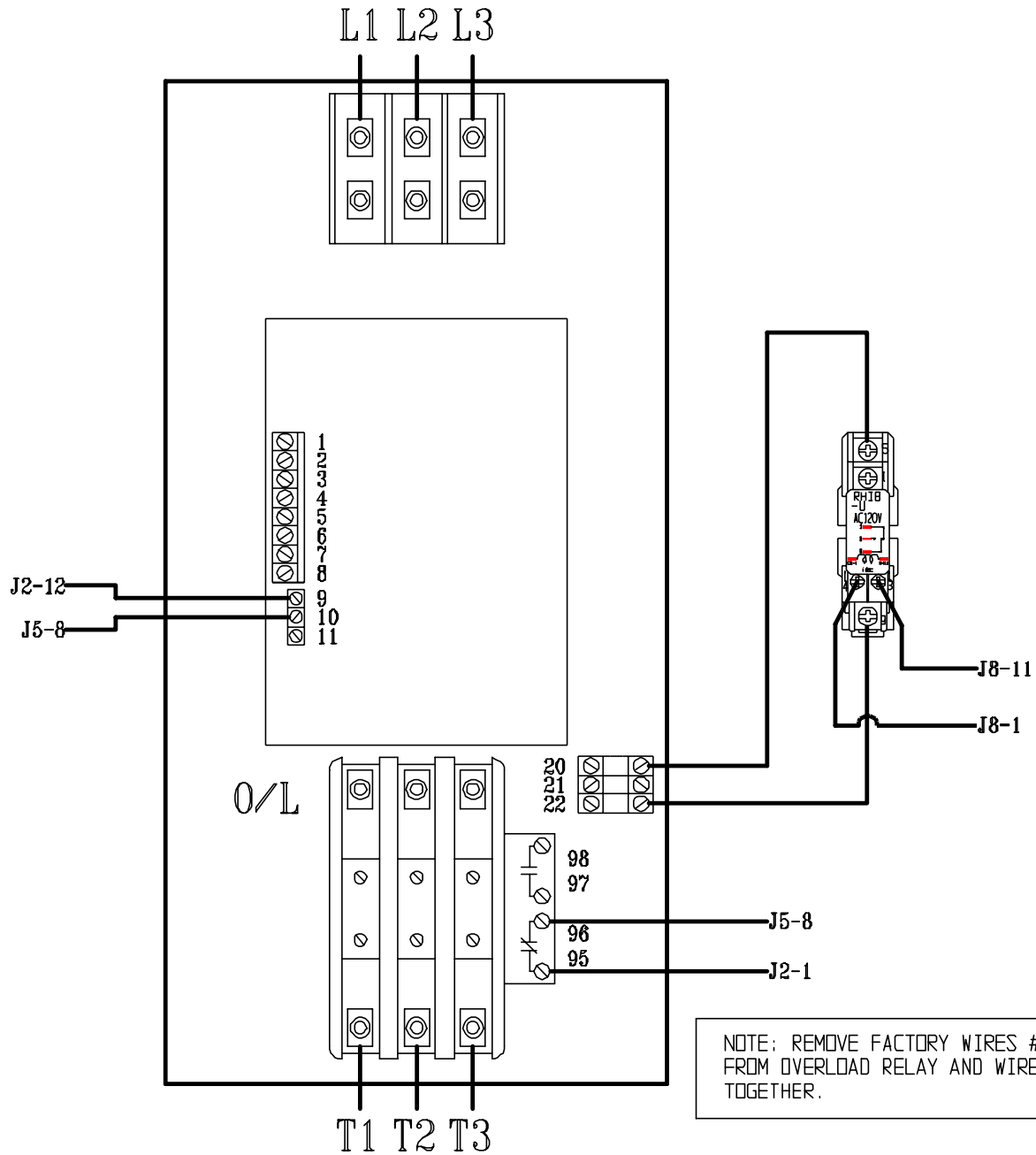
GSI TOWER DRYER WIRING DIAGRAMS

SINGLE FAN CUTLER HAMMER SOFT START WIRING



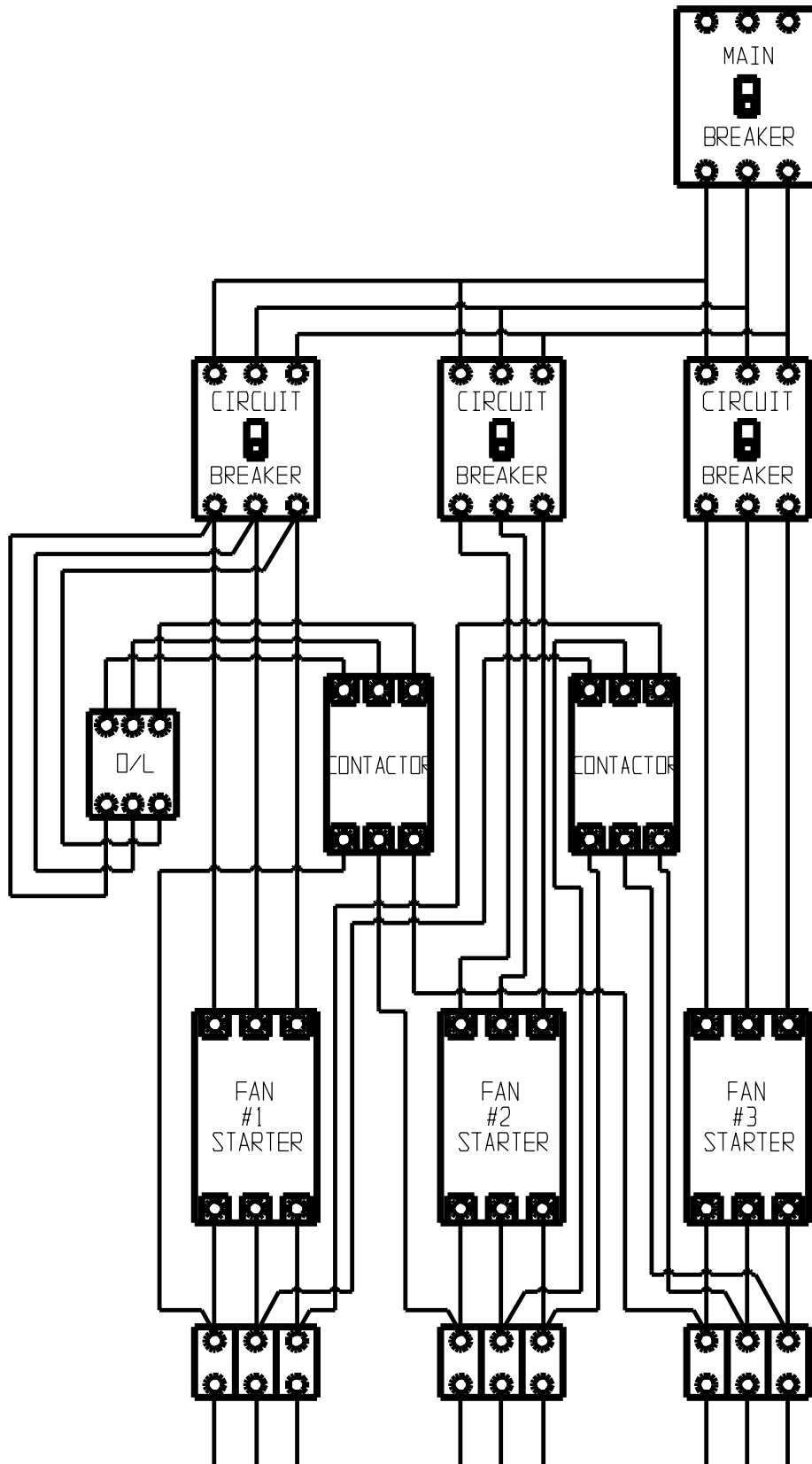
GS1 TOWER DRYER WIRING DIAGRAMS

SINGLE FAN BENSHAW SOFT START WIRING



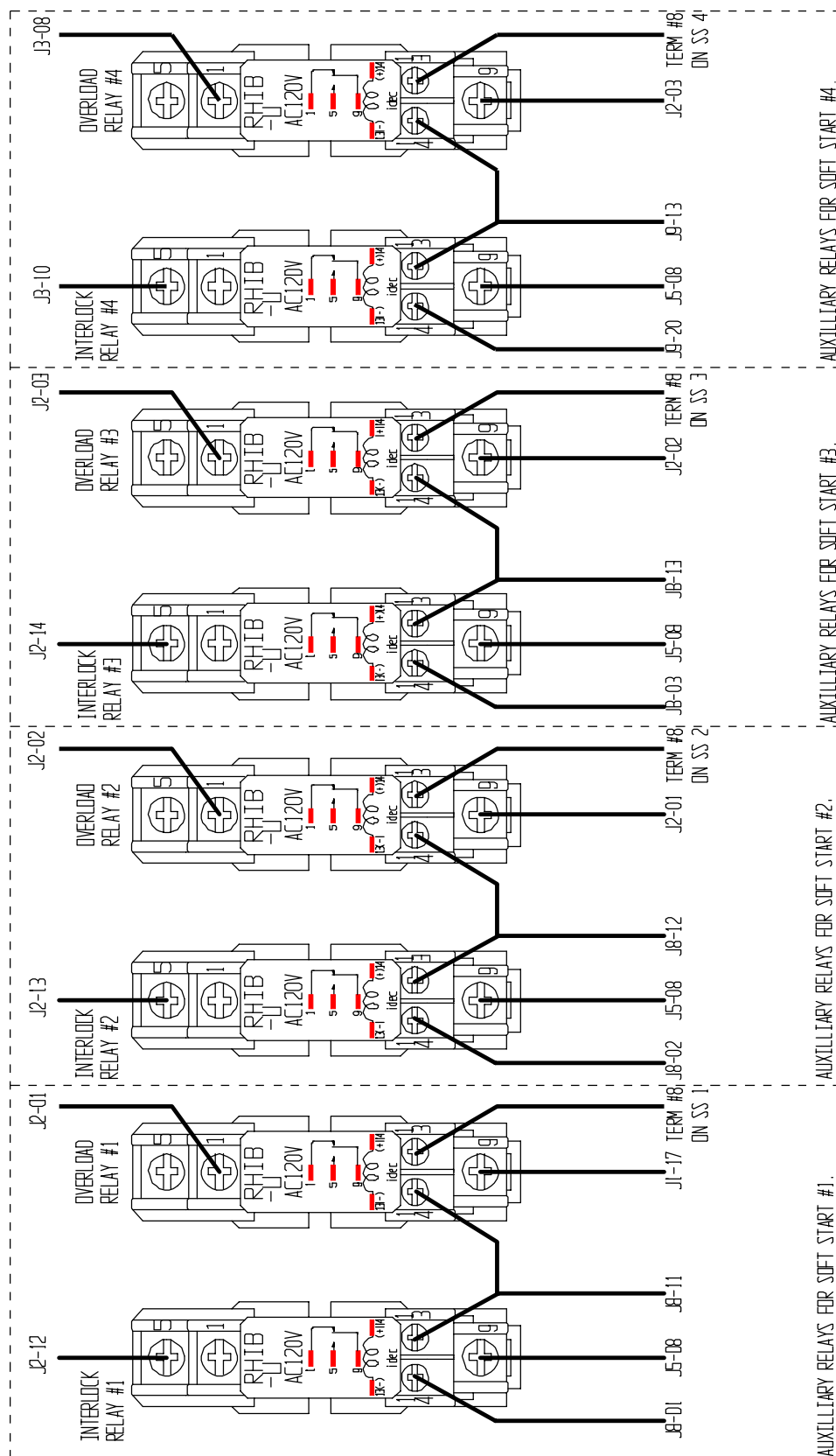
GS1 TOWER DRYER WIRING DIAGRAMS

THREE FAN TRI-START POWER WIRING



GSI TOWER DRYER WIRING DIAGRAMS

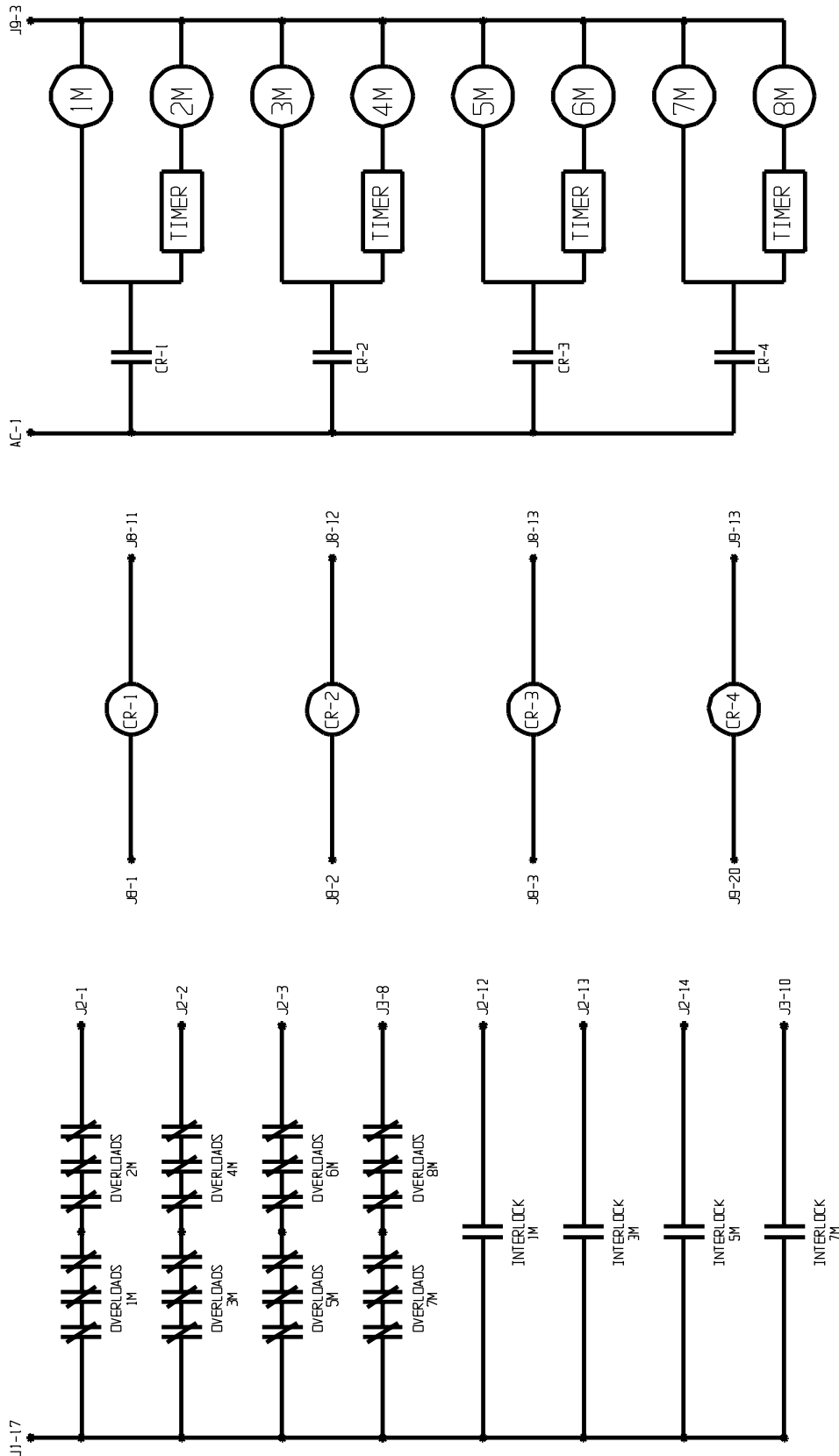
FOUR FAN CUTLER HAMMER SOFT START WIRING



NOTE: Terminals 2 and 7 on each soft start must be connected together. Terminals 1 and 1D on each soft start must be connected together.

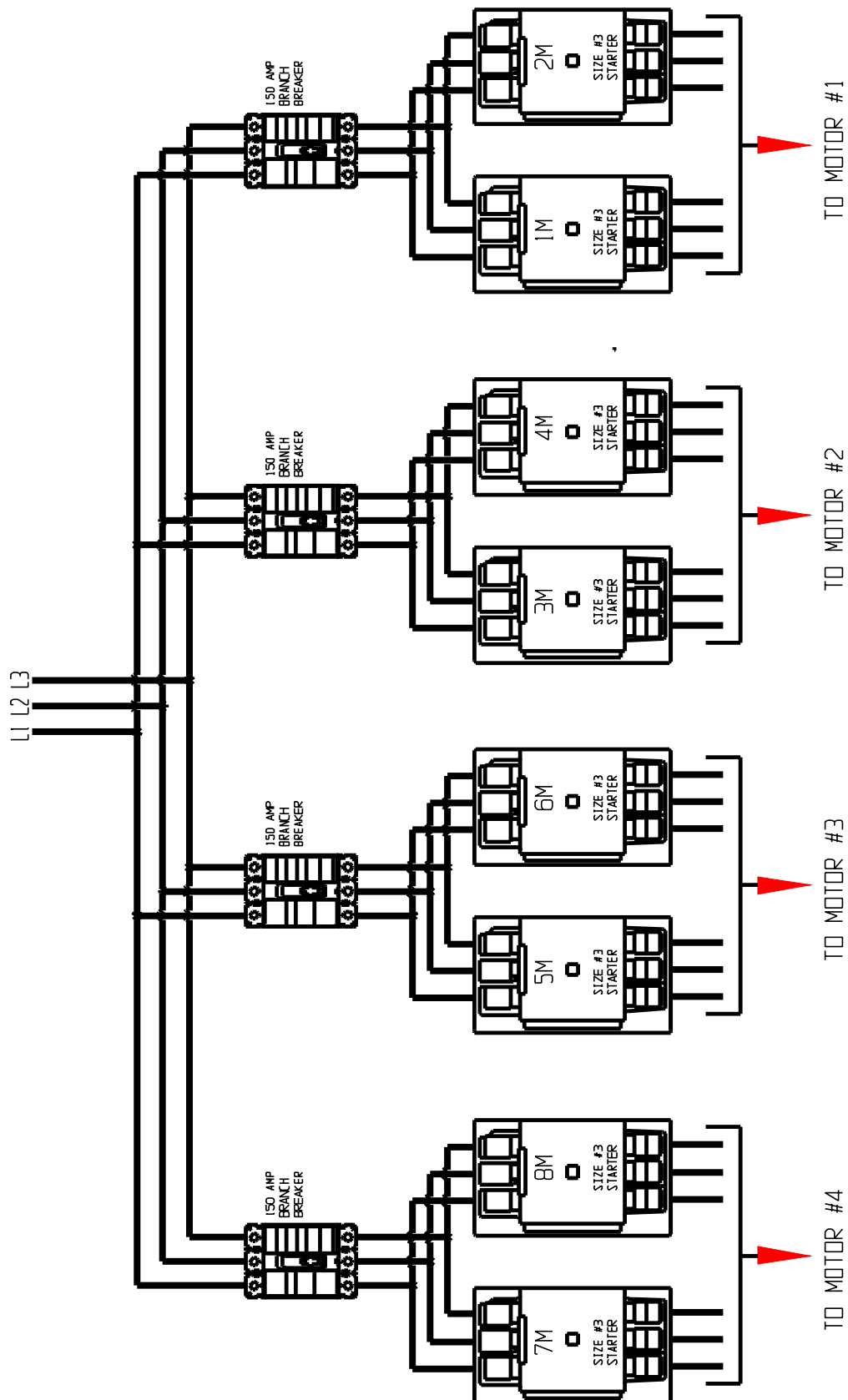
GSI TOWER DRYER WIRING DIAGRAMS

FOUR FAN PART WINDING START CONTROL WIRING



GS1 TOWER DRYER WIRING DIAGRAMS

FOUR FAN PART WINDING START POWER WIRING

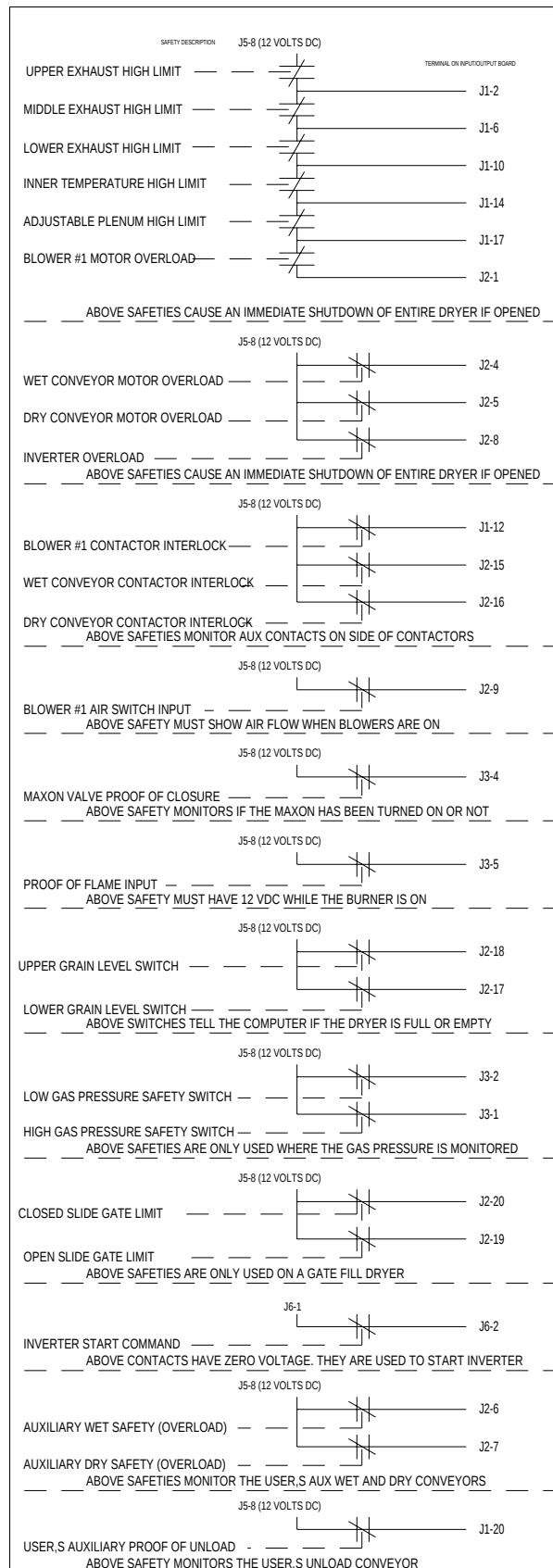


GSI TOWER DRYER WIRING DIAGRAMS

CONTROL WIRING

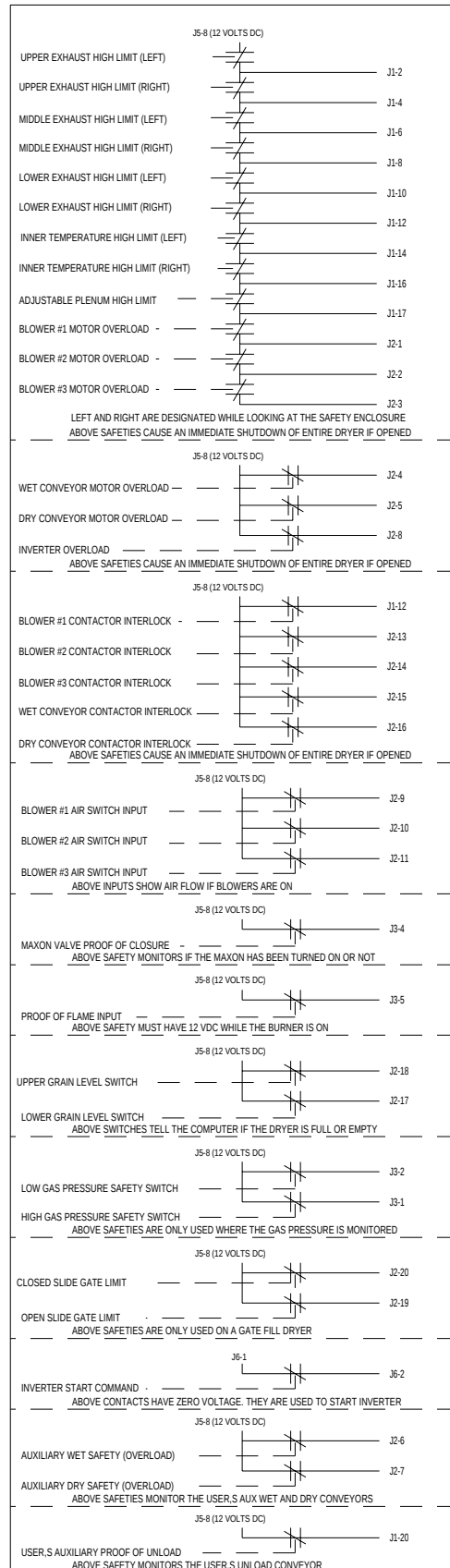
GSi TOWER DRYER WIRING DIAGRAMS

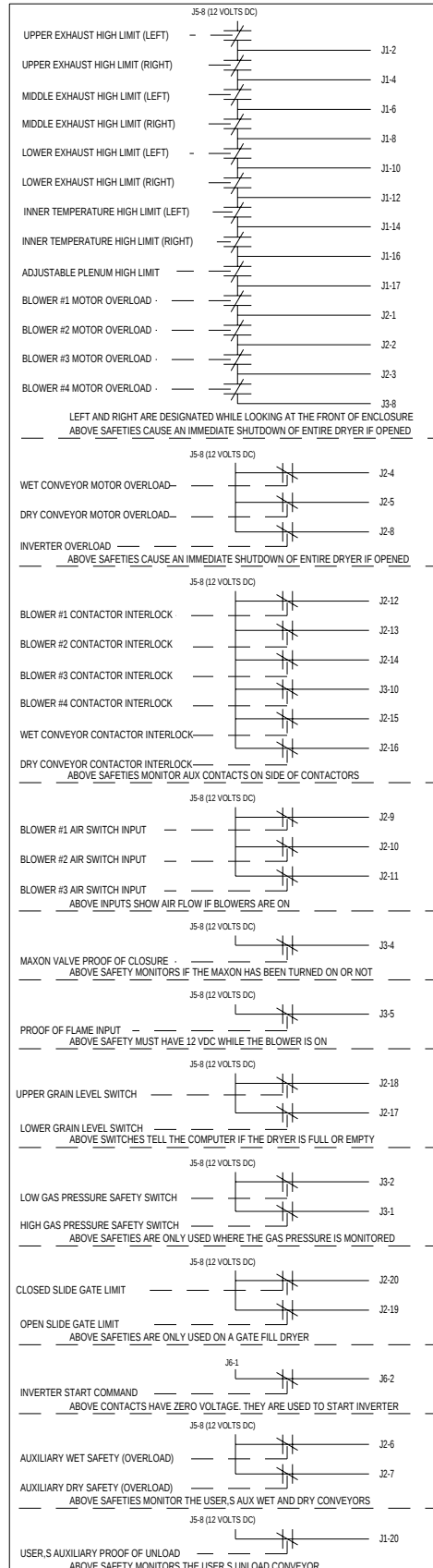
SINGLE FAN CONTROL WIRING



GSi TOWER DRYER WIRING DIAGRAMS

THREE FAN CONTROL WIRING



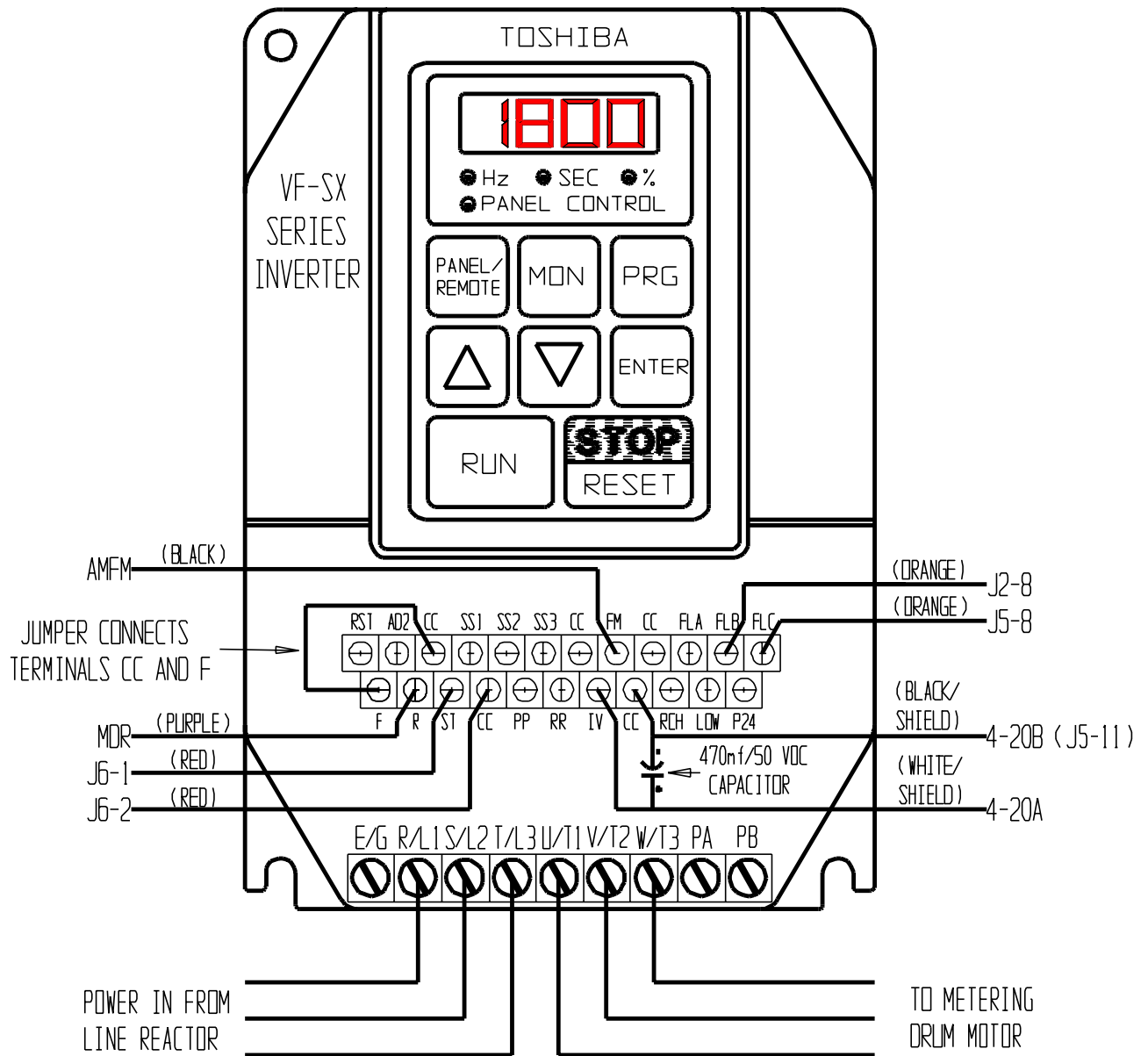


GSI TOWER DRYER WIRING DIAGRAMS

MISCELLANEOUS

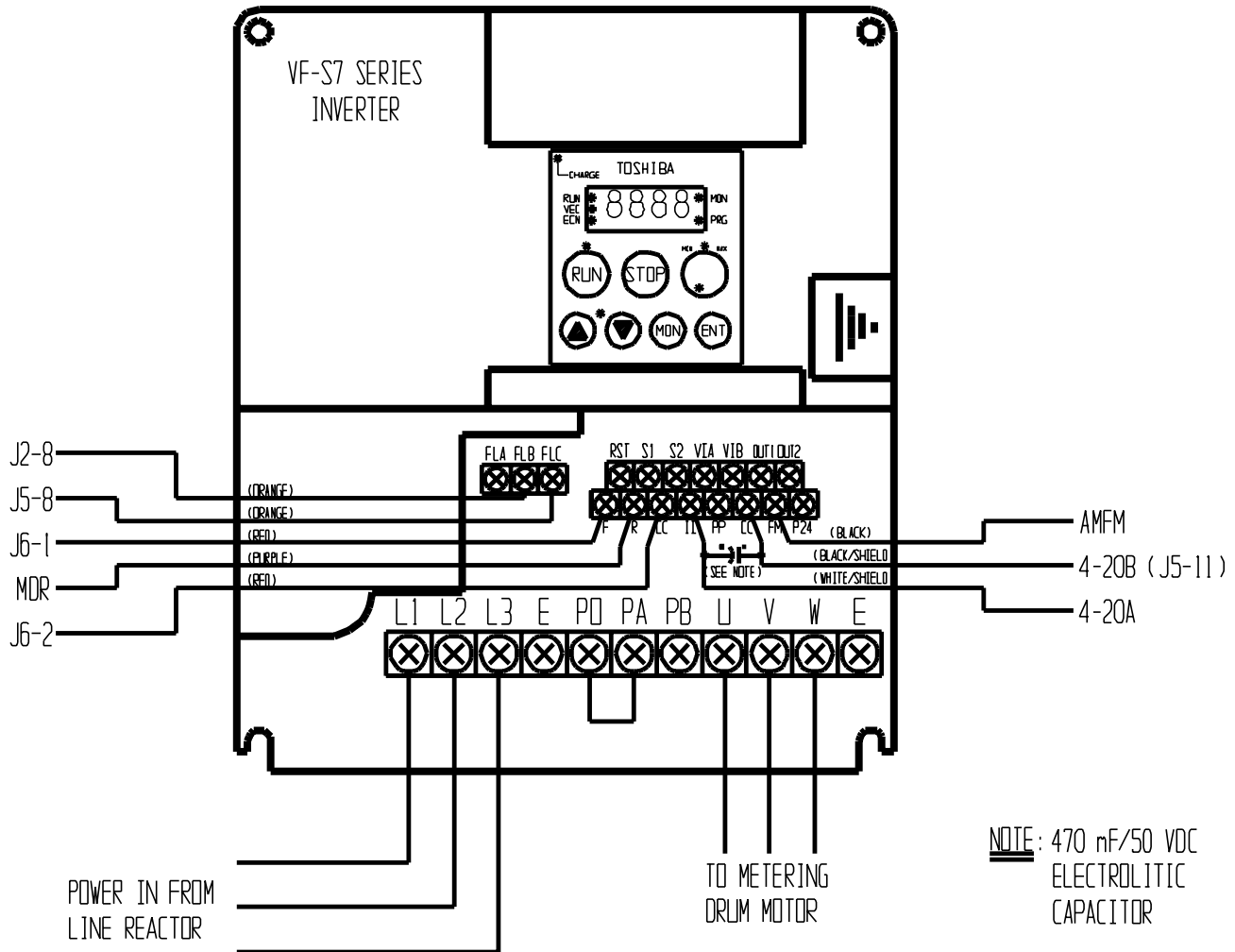
GSI TOWER DRYER WIRING DIAGRAMS

TOSHIBA VF-SX WIRING



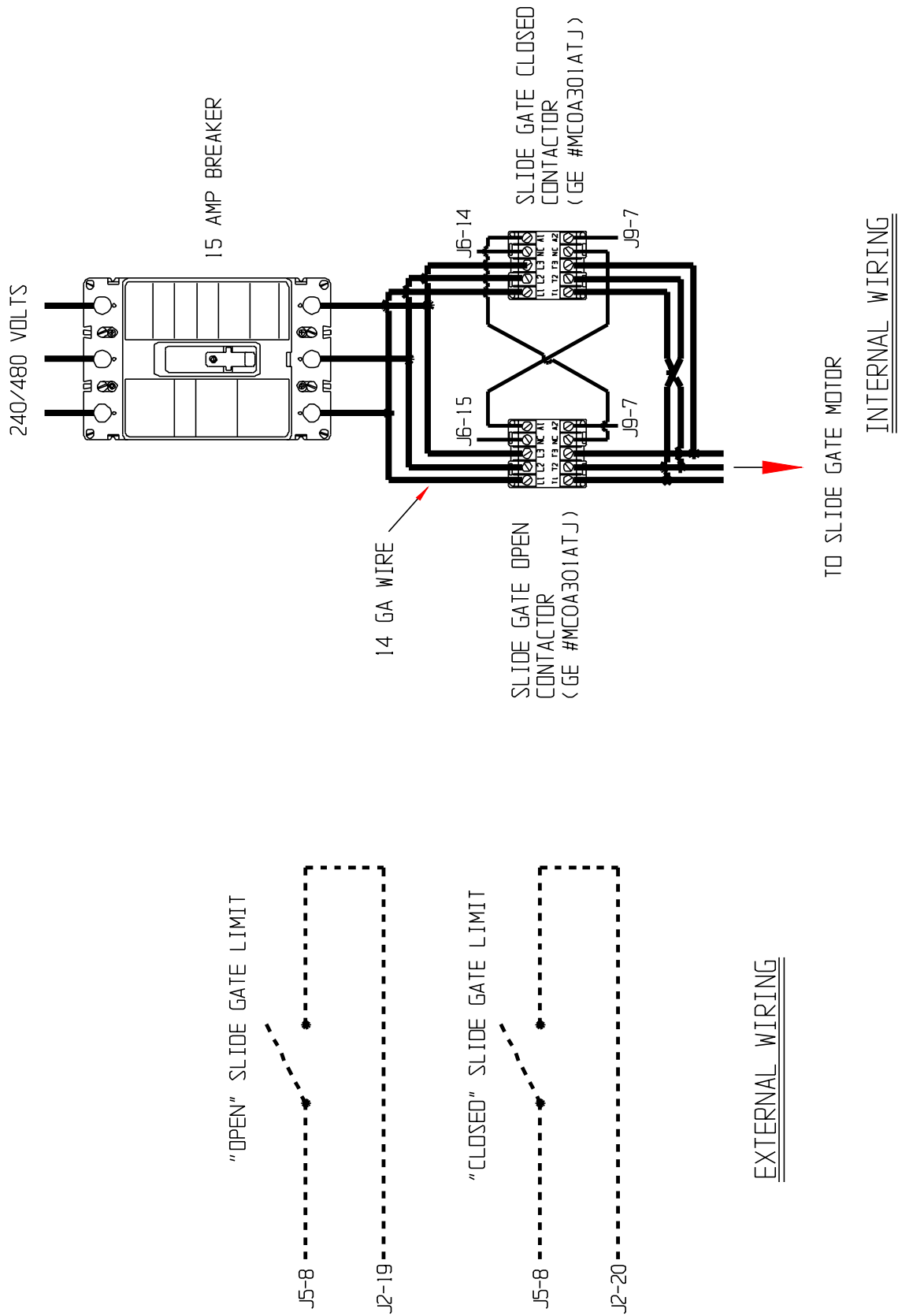
GSI TOWER DRYER WIRING DIAGRAMS

TOSHIBA VF-S7 WIRING



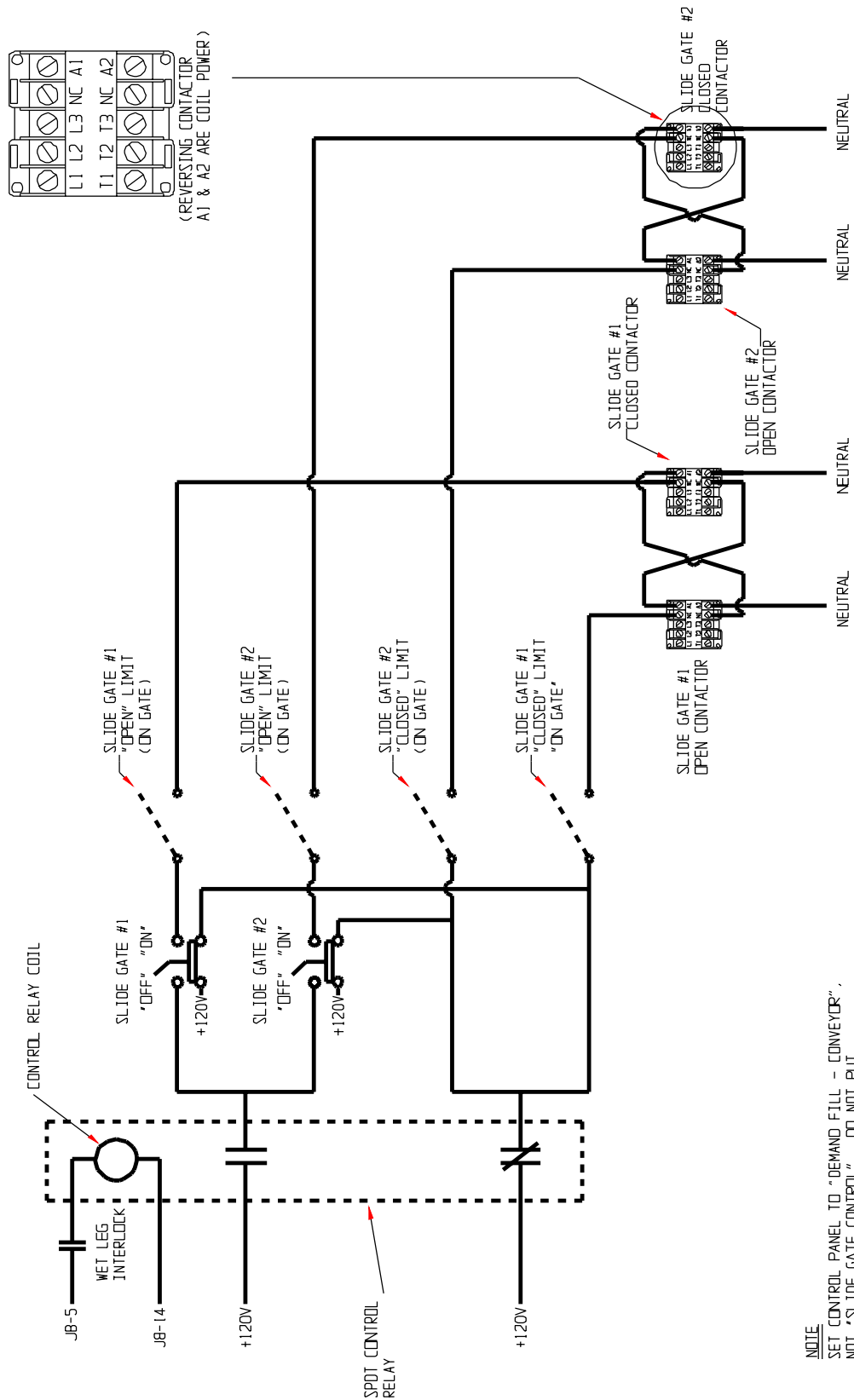
GSI TOWER DRYER WIRING DIAGRAMS

SLIDE GATE CONTROL WIRING



GSi TOWER DRYER WIRING DIAGRAMS

DUAL SLIDE GATE CONTROL WIRING



TRANSFORMER WIRING/DOOR SAFETY CIRCUIT



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August 1996