



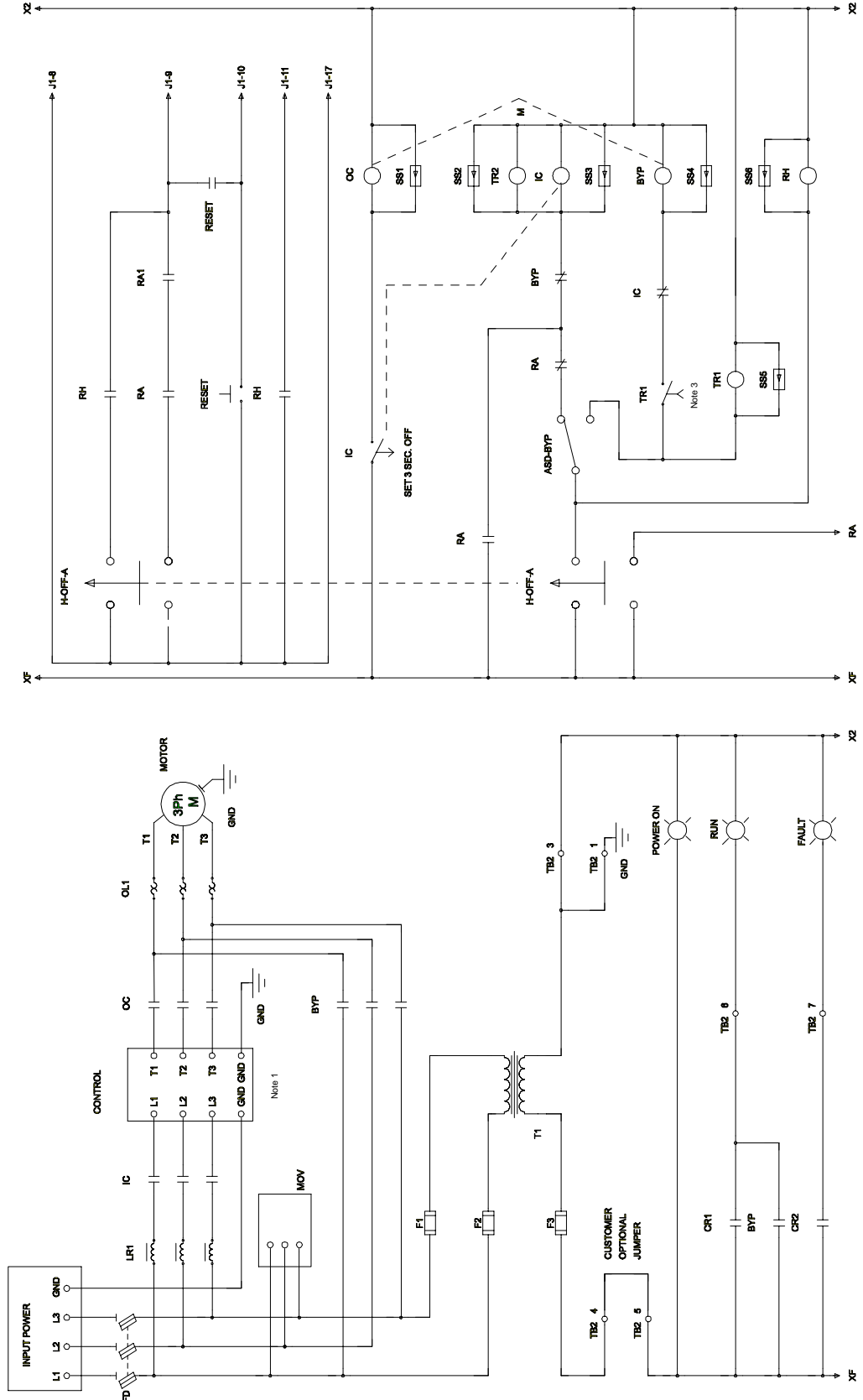
Custom HVAC Panels

Supplemental Drawings

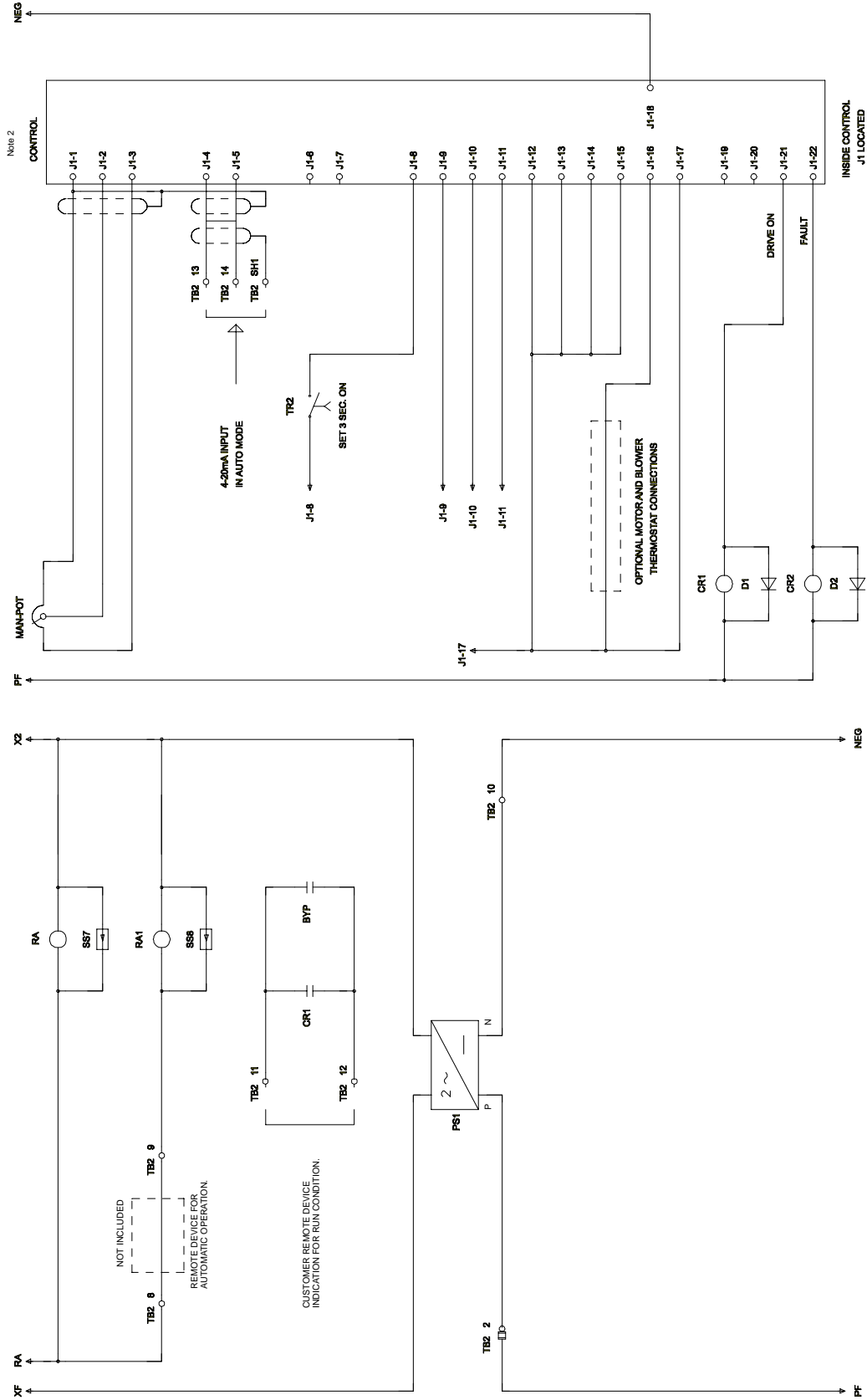
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Schematic – ASD/Bypass 2 Wire



Schematic – ASD/Bypass 2 Wire Continued



- Notes:
1. See Baldor manual MN715 for connection and setup information.
 2. Inverter Level 1 Operating Mode parameter set to "FAN PUMP 2 WIRE".
 3. TR1 must be set longer than the TR2 OFF Delay Timer.

Bill of Materials

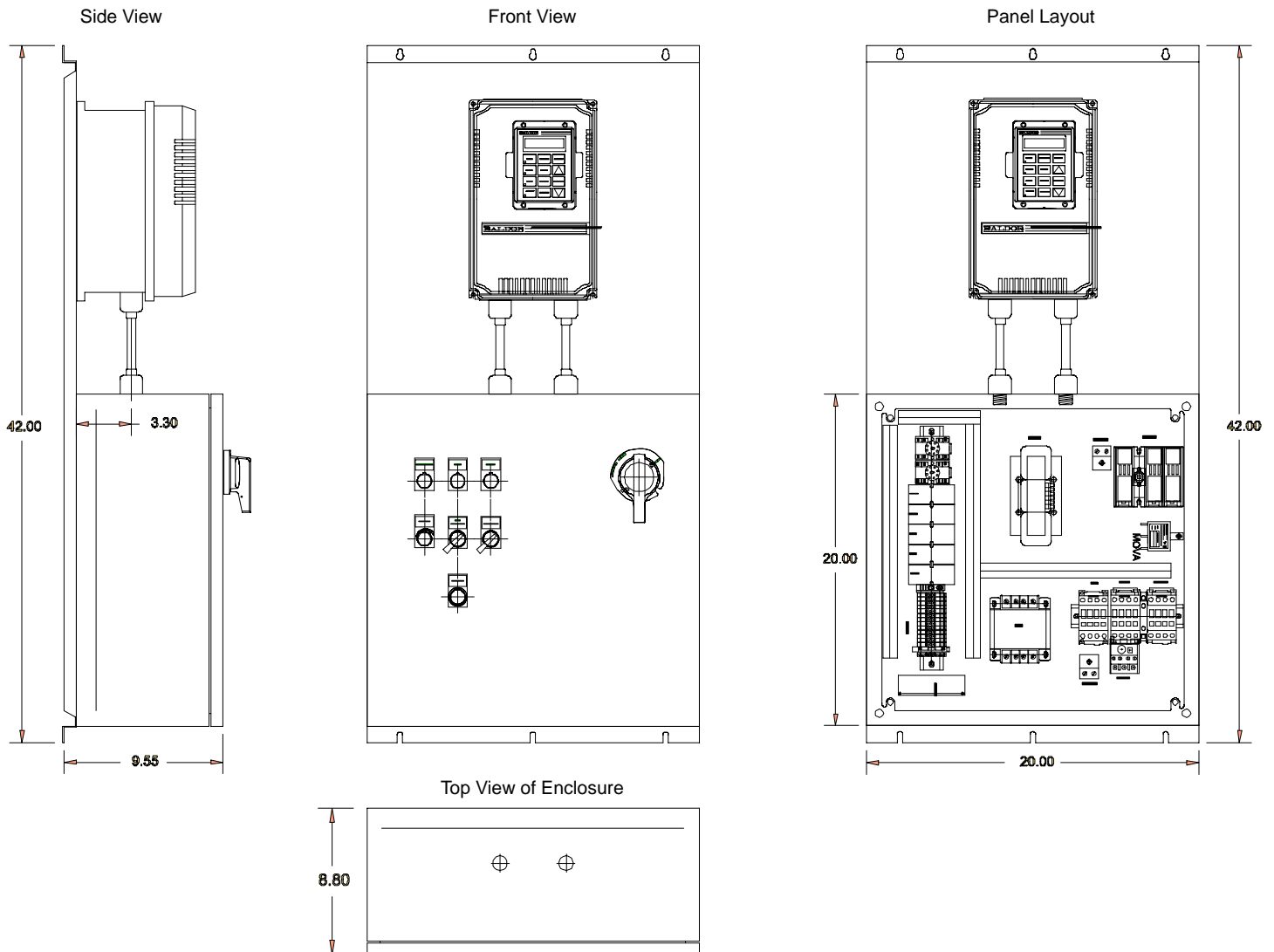
Item Designation	Amount	Description
ENCLOSURE	1.0	NEMA 1 Wall Mounted Enclosure
FD	1.0	Fusible Disconnect – Switch Only
FD	1.0	Pistol Grip Handle & Shaft
D1	1.0	Surge Suppressor Diode
D2	1.0	Surge Suppressor Diode
FAULT	1.0	Fault Pilot Light Assembly
POWERON	1.0	Power On Pilot Light Assembly
RUN	1.0	Run Pilot Light Assembly
PS1	1.0	DC Power Supply
F1	1.0	Fuse Time Delay, Class CC
F2	1.0	Fuse Time Delay, Class CC
F3	1.0	Fuse Time Delay
FD	3.0	Fuse Time Delay, Class CC
CONTROL	1.0	Series 15H Inverter
UL LABEL	1.0	UL/cUL Label
BYPASS LABEL	1.0	Bypass Warning Label
TB2	2.0	Entrelec TB
LR1	1.0	Line Reactor
CONTROL WIRE	12.0	14AWG UL 1015 White
CONTROL WIRE	120.0	16AWG UL 1015 Red
CONTROL WIRE	100.0	20AWG UL 1015 Blue
POWER WIRE	150.0	THHN 600V Black
GROUND WIRE	40.0	10AWG THHN 600V Green
CONTROL WIRE	35.0	22AWG 3–Conductor Shielded Cable
CONTROL WIRE	35.0	22–2 300V 105C Shielded (Red/Black)
OC/BYP	1.0	Mechanical Interlock for Contactors
OC	1.0	Contactor
IC	1.0	Contactor
BYP	1.0	Contactor
CR1	1.0	Relay
CR2	1.0	Relay
TR1	1.0	Time Delay Relay 0–60S
TR2	1.0	Time Delay Relay 0–60S
RH	1.0	DPDT Blade Relay
RA	1.0	DPDT Blade Relay
RA1	1.0	DPDT Blade Relay
SS1	1.0	RC Surge Suppressor
SS3	1.0	RC Surge Suppressor
SS4	1.0	RC Surge Suppressor
SS5	1.0	RC Surge Suppressor
SS2	1.0	RC Surge Suppressor
SS6	1.0	RC Surge Suppressor
SS7	1.0	RC Surge Suppressor
SS8	1.0	RC Surge Suppressor
MOV	1.0	MOV Surge Suppressor
ASD–BYP	1.0	ASD–Bypass Switch Assembly
H–OFF–A	1.0	Hand–OFF–Auto Switch Assembly
RESET	1.0	Reset Pushbutton Assembly
MAN–POT	1.0	Potentiometer Assembly
GND	2.0	Ground Lug Mounted to Panel
OL1	1.0	Overload Relay
T1	1.0	Control Power Transformer

Size Reference Table

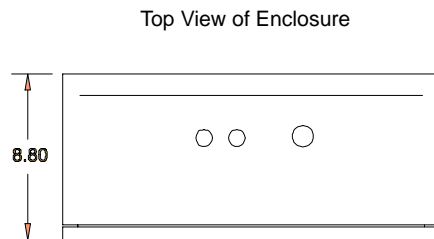
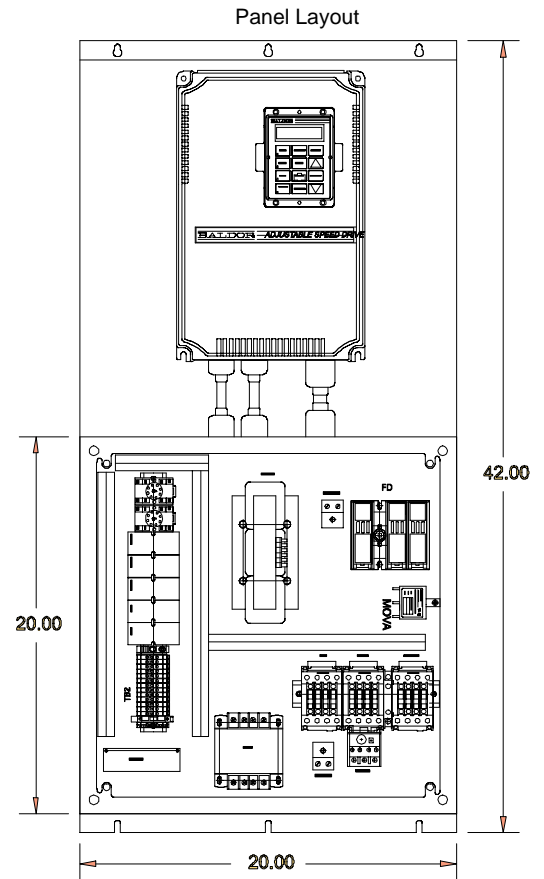
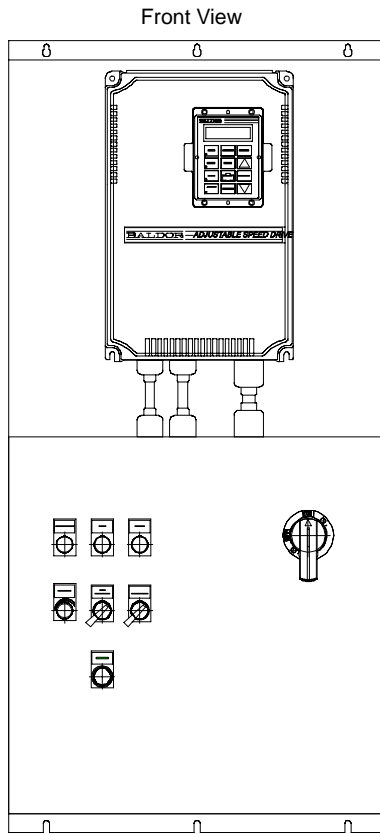
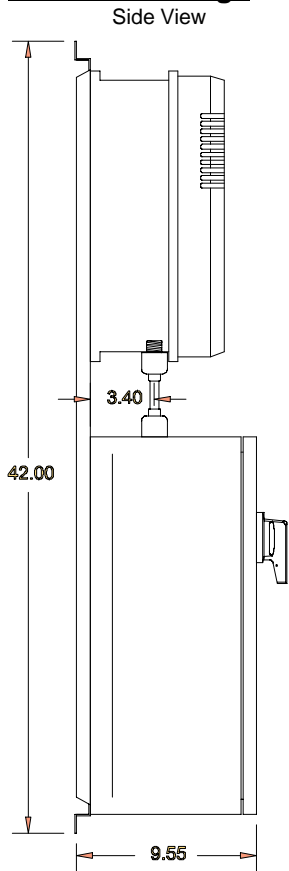
Size	Outline Dimensions	Ratings
A	42 x 20 x 9.6	1, 2, 3, 5 and 7.5hp at 230VAC 1, 2, 3, 5, 7.5 and 10hp at 460VAC
B	42 x 20 x 9.6	10 and 15hp at 230VAC 15 and 20hp at 460VAC
C	48 x 24 x 13.6	20, 25 and 30hp at 230VAC 25, 30 and 40hp at 460VAC
D	58 x 30 x 13.8	50 at 460VAC

Outline Drawings

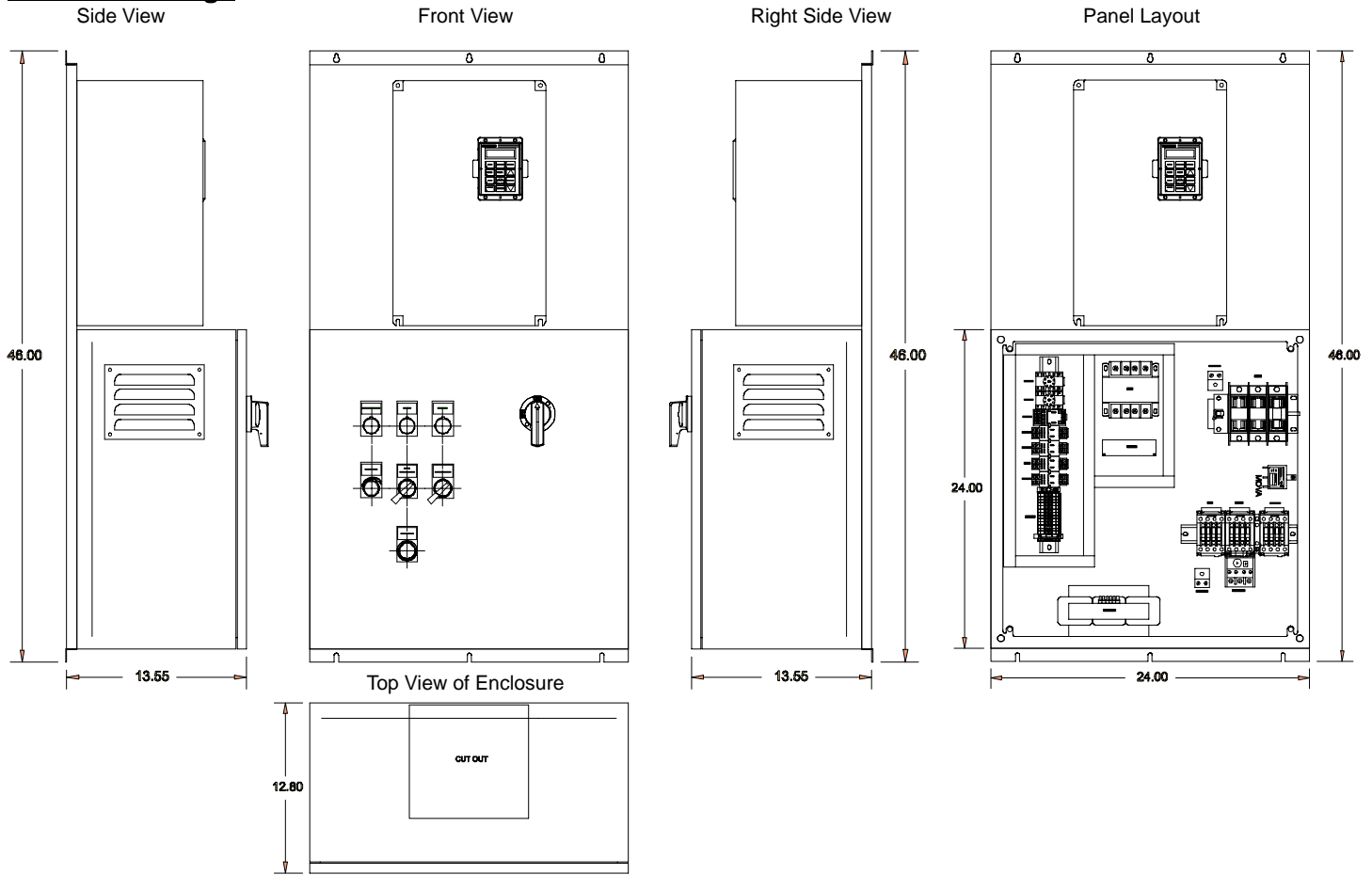
A Size



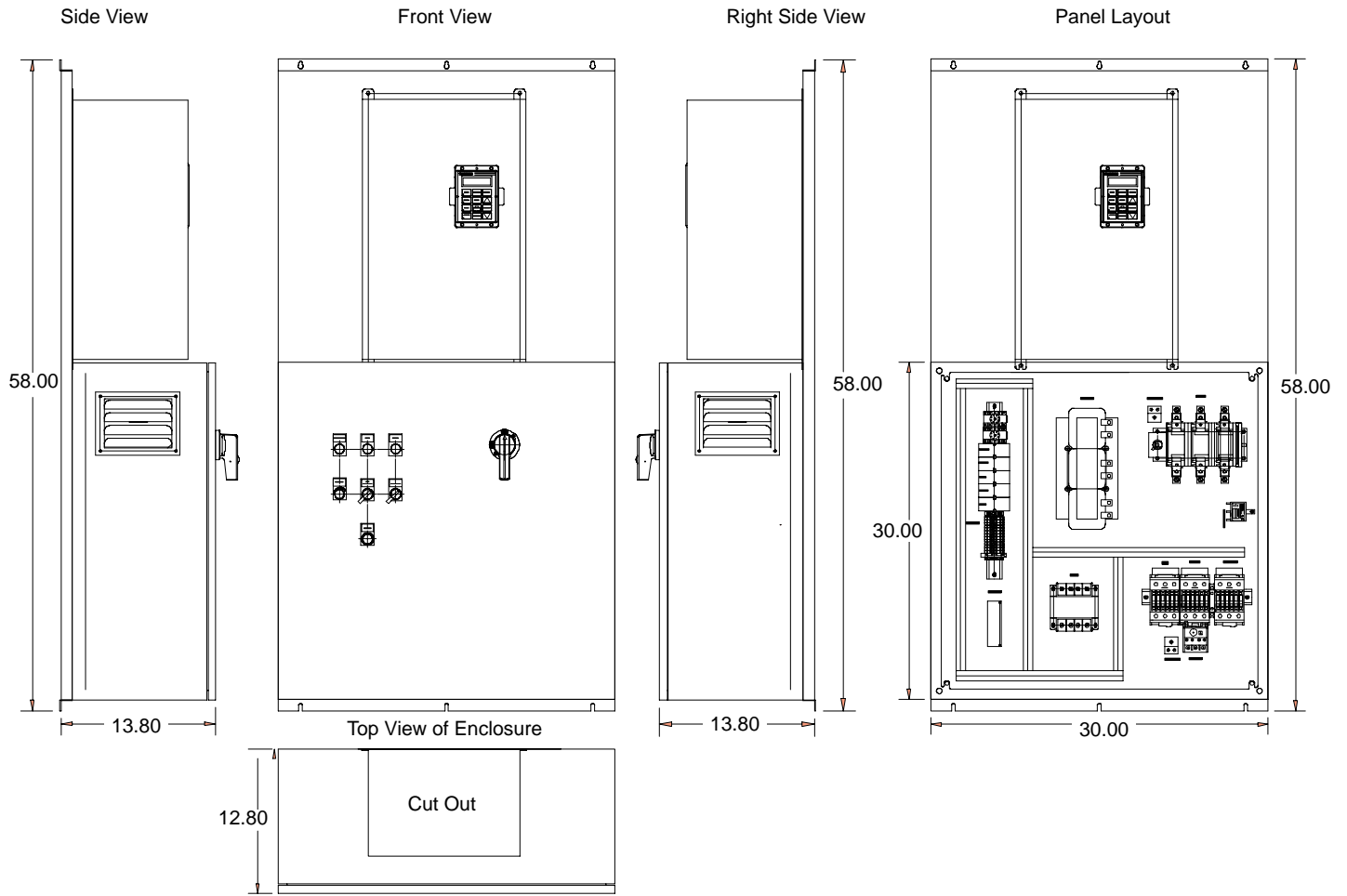
Outline Drawings Continued B Size



Outline Drawings Continued C Size



Outline Drawings Continued **D Size**



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