

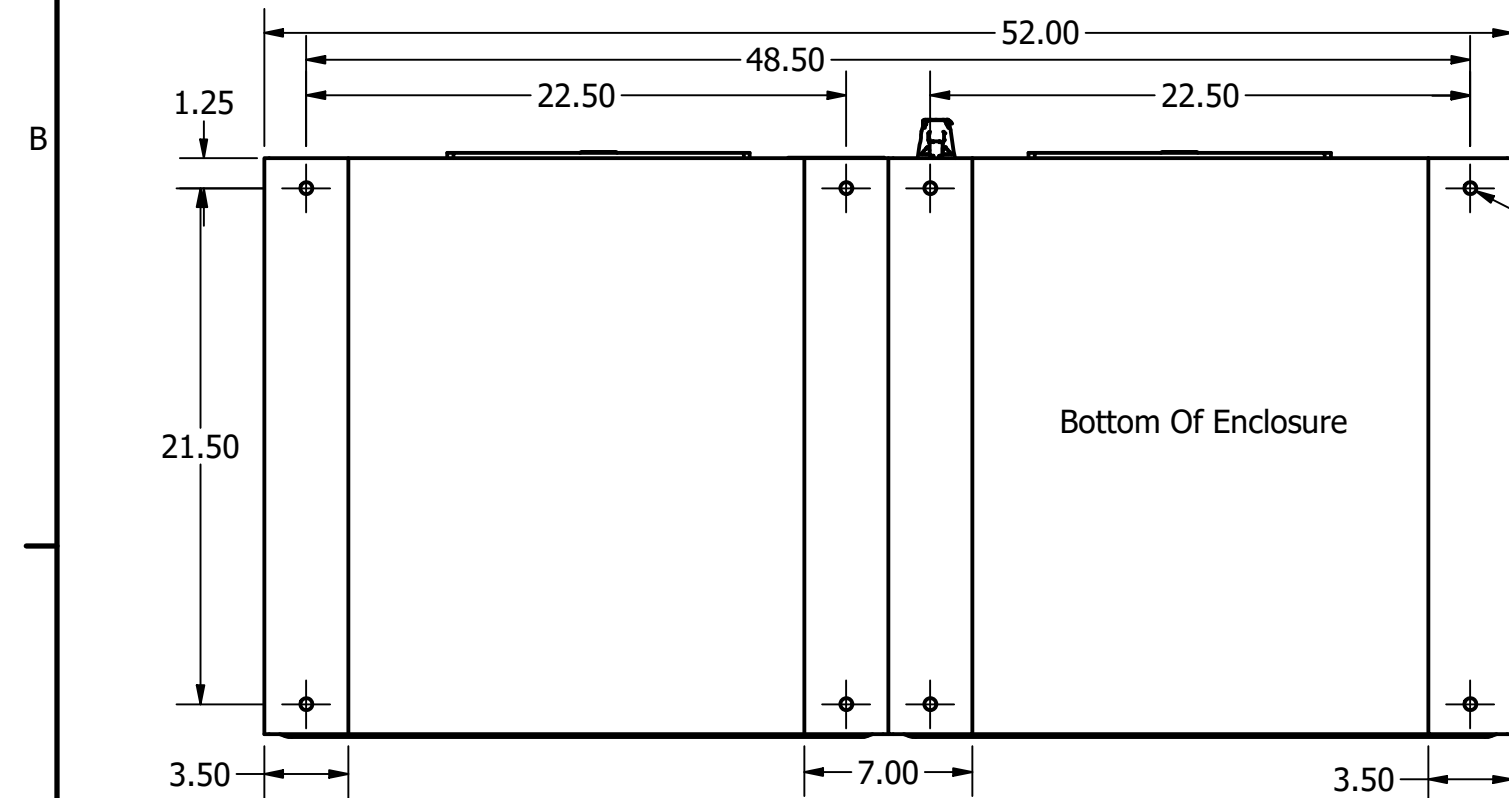
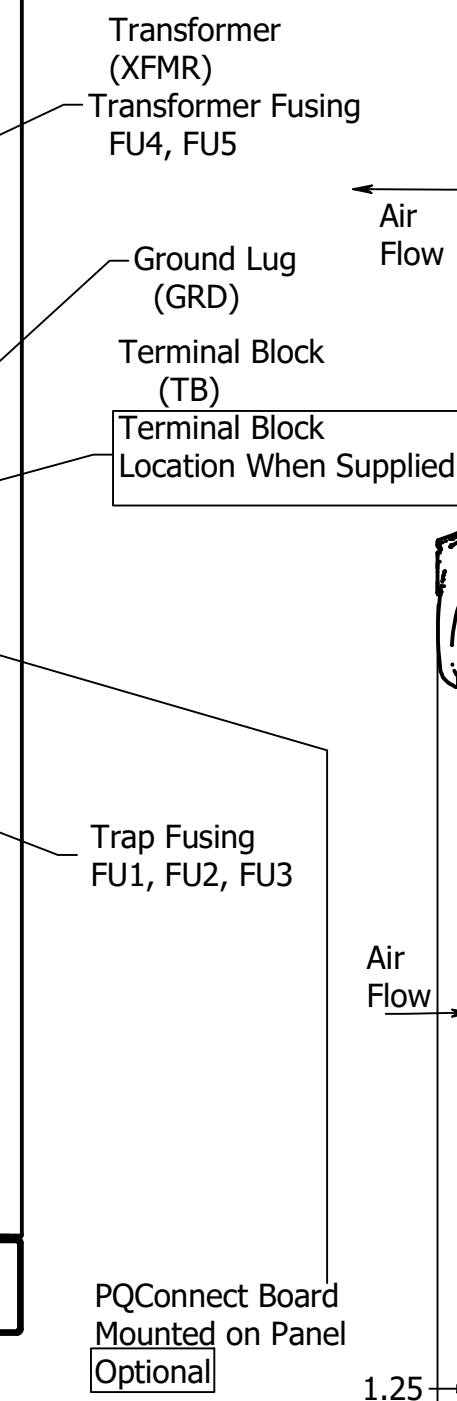
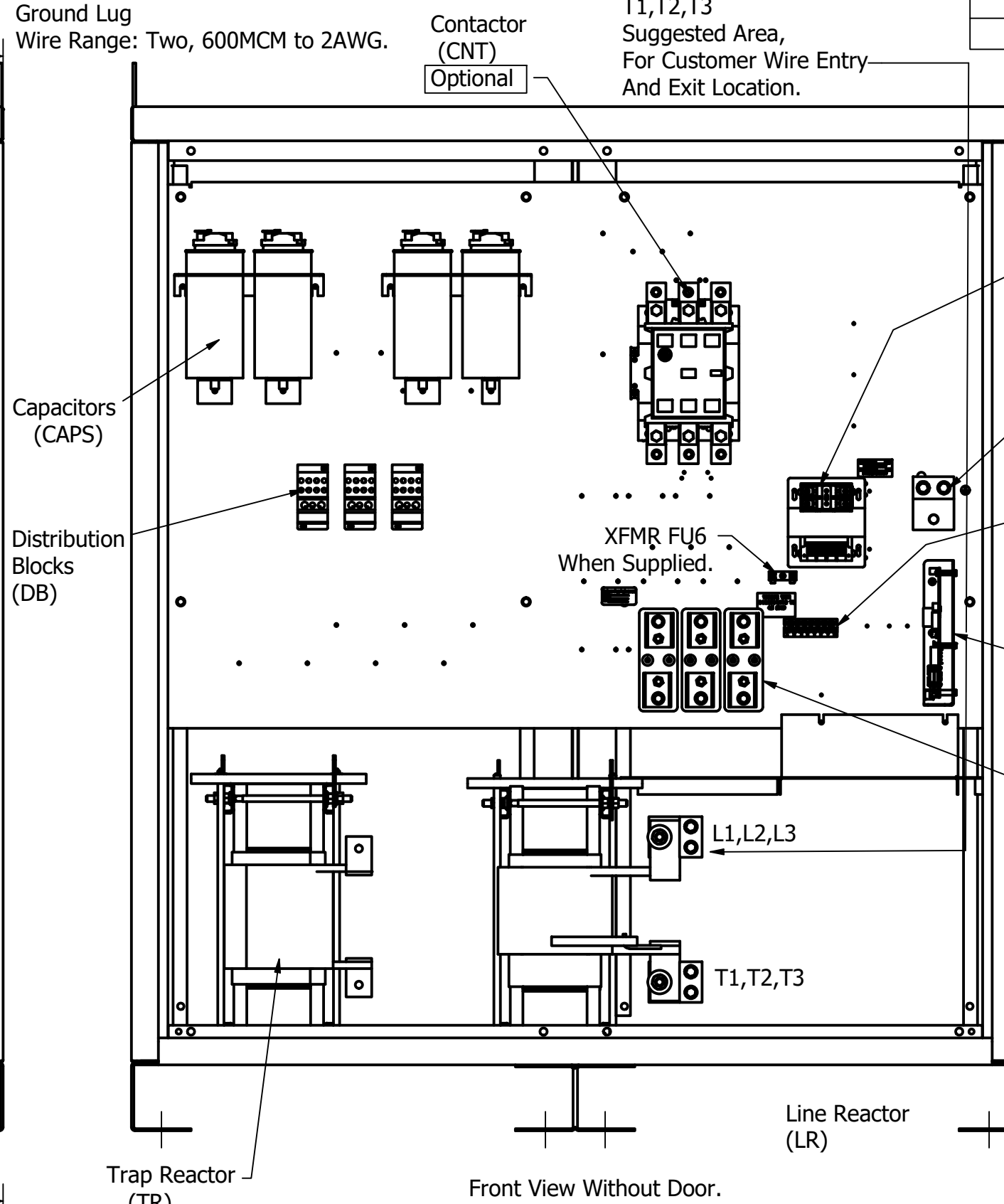
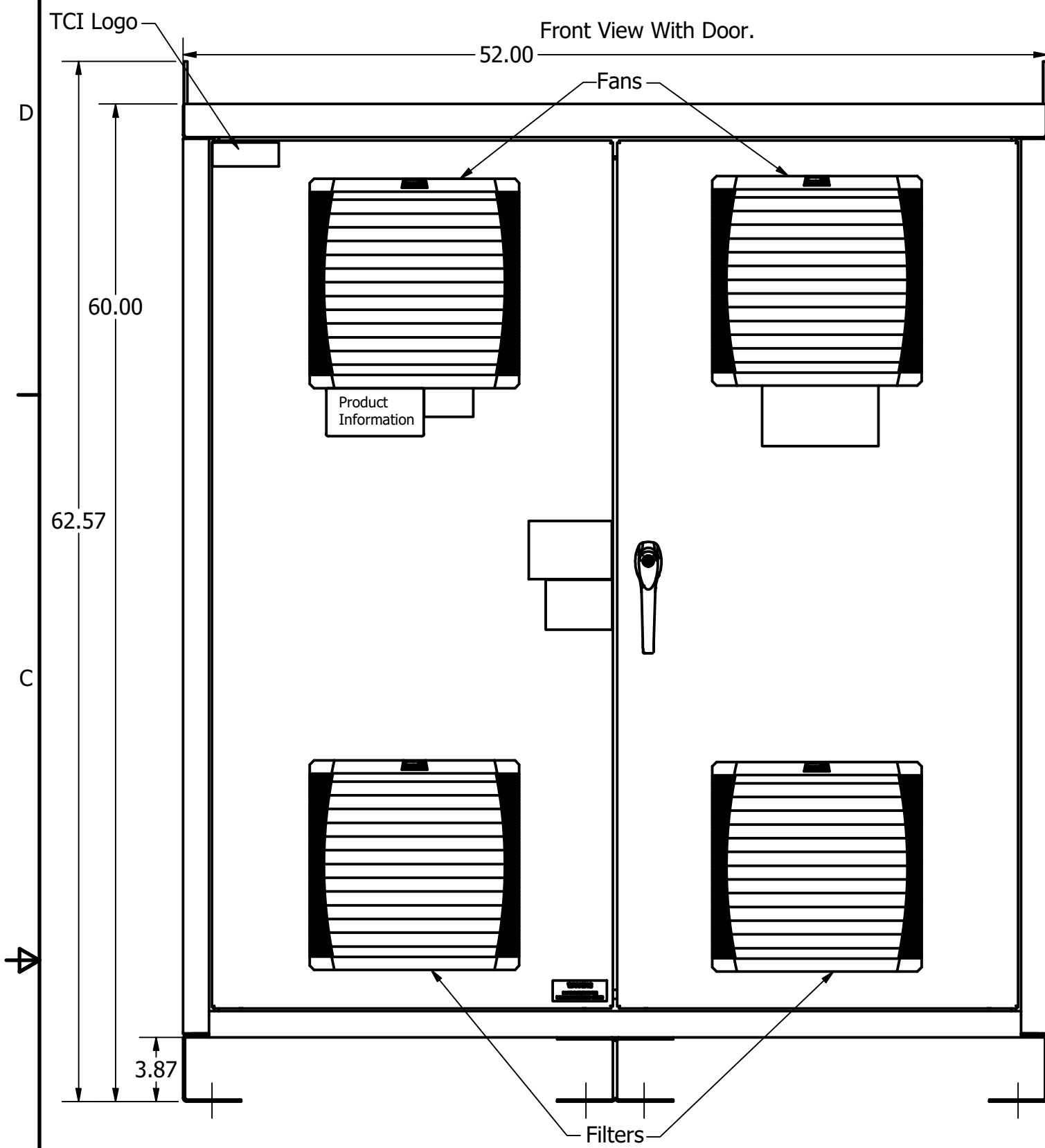
Unit Specifications					
kVar	Harmonic	Volt	HZ.	Phase	HP
70	5TH	480	60	3	450

Customer Connections.  
L1, L2, L3, T1, T2, T3  
Wire Range: Two, 600MCM to 2AWG.

Note: For Torque Information  
See IOM Manual.

L1,L2,L3  
T1,T2,T3  
Suggested Area,  
For Customer Wire Entry  
And Exit Location.

HGL Enclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0450AW1S0000	30586-1S	1000
HGL0450AW1C0000	30586-1C	1010
HGL0450AW1S*000	30586-PQ1	1002
HGL0450AW1C*000	30586-PQ	1012



Components	HGL0450AW-----			
	1S0000	1C0000	1S*000	1C*000
Line Reactor (LR)	X	X	X	X
Trap Reactor (TR)	X	X	X	X
Capacitor (Cap)	X	X	X	X
Trap Fusing, FU1, FU2, FU3	X	X	X	X
Contactor (CNT)		X		X
Transformer (XFMR)	X	X	X	X
XFMR Fusing, FU4, FU5	X	X	X	X
PQConnect Board			X	X

\*= Communications Options

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NO	REVISION	DATE	BY
D	6024 Add PQ Option	8/26/22	JTL
C	5085 Updated Trap Reactor	02/12/20	JRN
B	Add PQ Connect	3/12/19	DSW

TOLERANCES (EXCEPT AS NOTED)  
DECIMAL  
.XX ± .03  
.XXX ± .010  
FRACTIONAL  
± 1/32  
ANGULAR  
± 1°

**TCL**  
An Allied Motion Company

W132N10611 Grant Drive  
Gemantown, WI 53022  
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HarmonicGuard Low Capacitance  
HGL, 450HP, 480/3/60, Type 1

DRN: DSW DATE: 4/3/17  
SCALE: 1/8 APRVD: 107026DG  
SIZE: C SHT 1 OF 1

Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.

Material(s) Shall be RoHS Compliant