

HGL Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0400AW0S000	30586-1	530
HGL0400AW0C000	30586	550
HGL0400AW0S*000	30586-PQ1	532
HGL0400AW0C*000	30586-PQ	552

* = Communication Options

HorsePower (HP)	kVar	Harmonic	Voltage (V)	Maximum Amps (A)	Hz.	Phase
400	60	5th	480	477	60	3

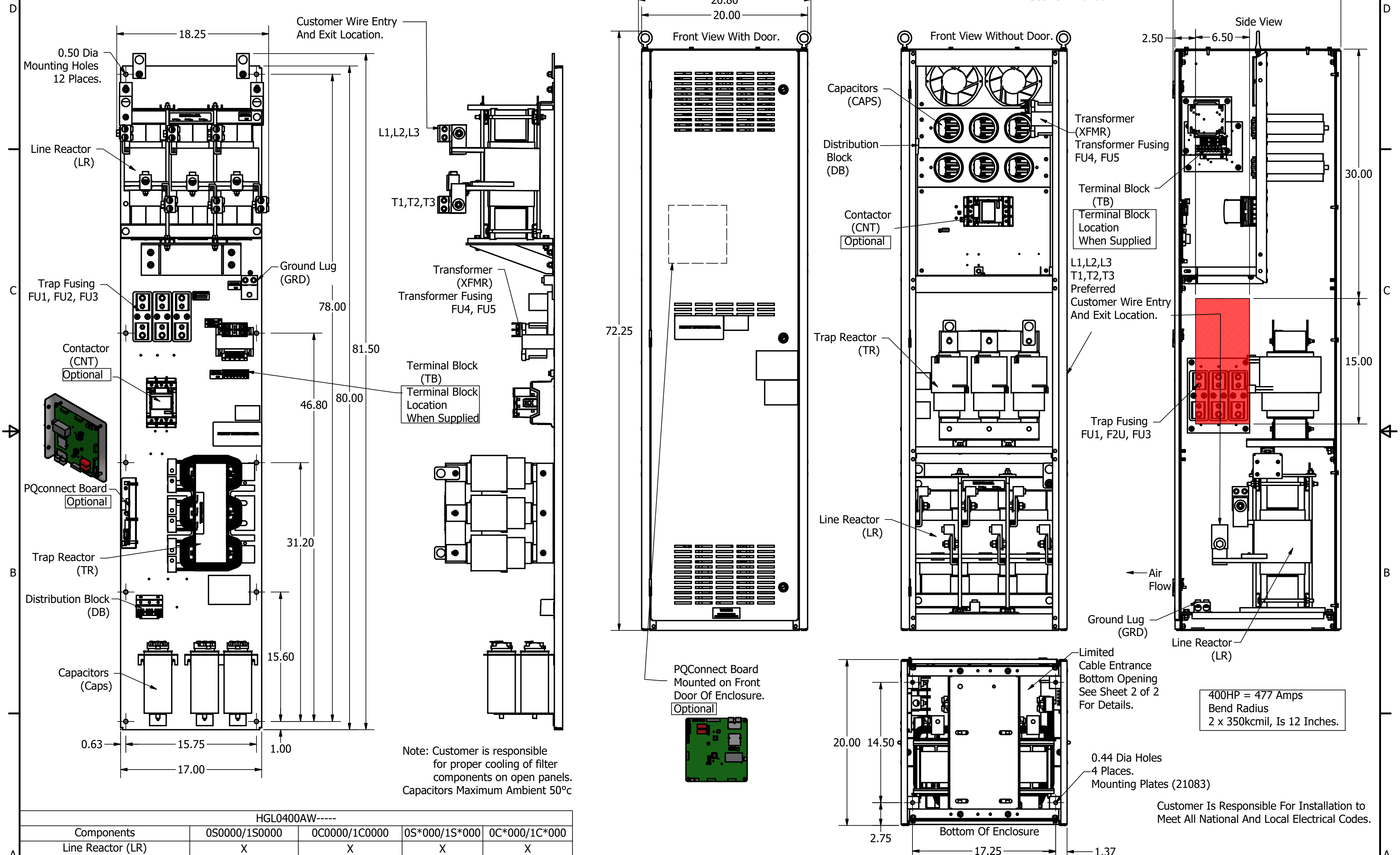
* = 1-PQConnect with Modbus RTU.
* = 2-PQConnect with Ethernet/IP.

Customer Connections.
L1, L2, L3, T1, T2, T3
Wire Range: Two, 350MCM to 6AWG.

Ground Lug
Wire Range: Two, 350MCM to 6AWG.

HGL Enclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0400AW1S000#	30586-1	794
HGL0400AW1C000#	30586	800
HGL0400AW1S*00#	30586-PQ1	797
HGL0400AW1C*00#	30586-PQ	803

Note: For Torque Information See IOM Manual.



Note: Customer is responsible for proper cooling of filter components on open panels. Capacitors Maximum Ambient 50°C

400HP = 477 Amps
Bend Radius
2 x 350kcmil, Is 12 Inches.

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

HGL0400AW-----				
Components	0S0000/1S0000	0C0000/1C0000	0S*000/1S*000	0C*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 (Type 1)	X	X	X
XFMR Fusing, FU4, FU5	X (Type 1)	X	X	X
PQConnect Board			X	X

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NO	REVISION	DATE	BY
E	6024 Add PQ Options	8/26/22	JTL
D	5471, Drawing Updates, Wire Entry Details	1/26/2021	DSW
C	5191-1, KTR Updated	4/8/2020	DSW
B	Add PQ Connect	3/5/2019	DSW

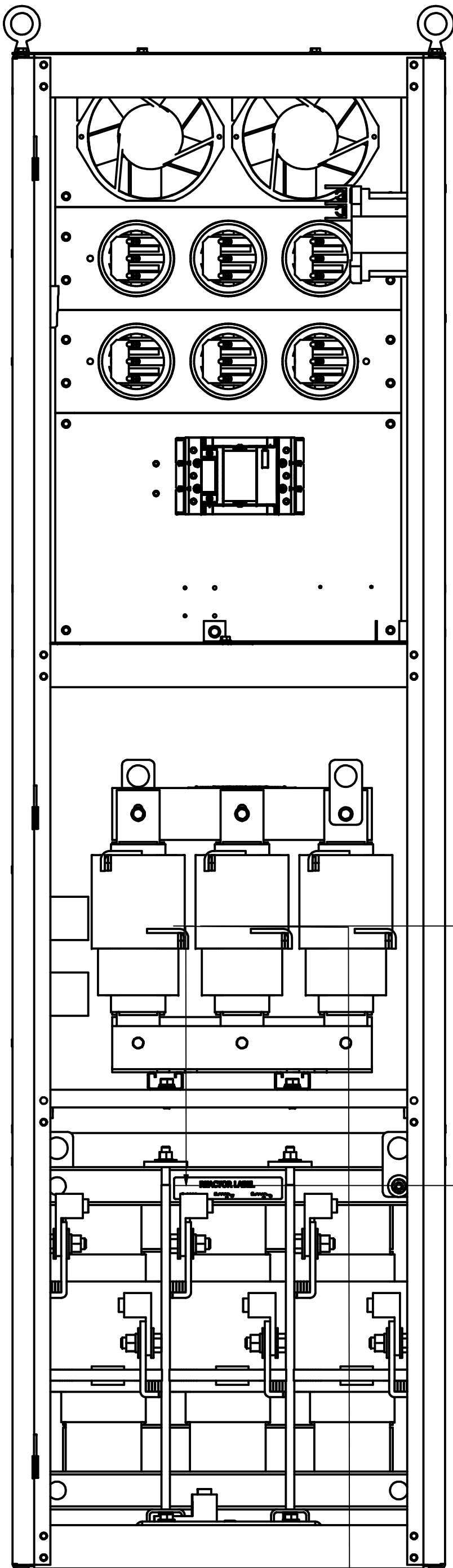
Material(s) Shall be RoHS Compliant

W132N10611 Grant Drive
Germantown, WI 53022
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HarmonicGuard Low Capacitance
HGL, 400HP, 480/3/60, Open and Type 1

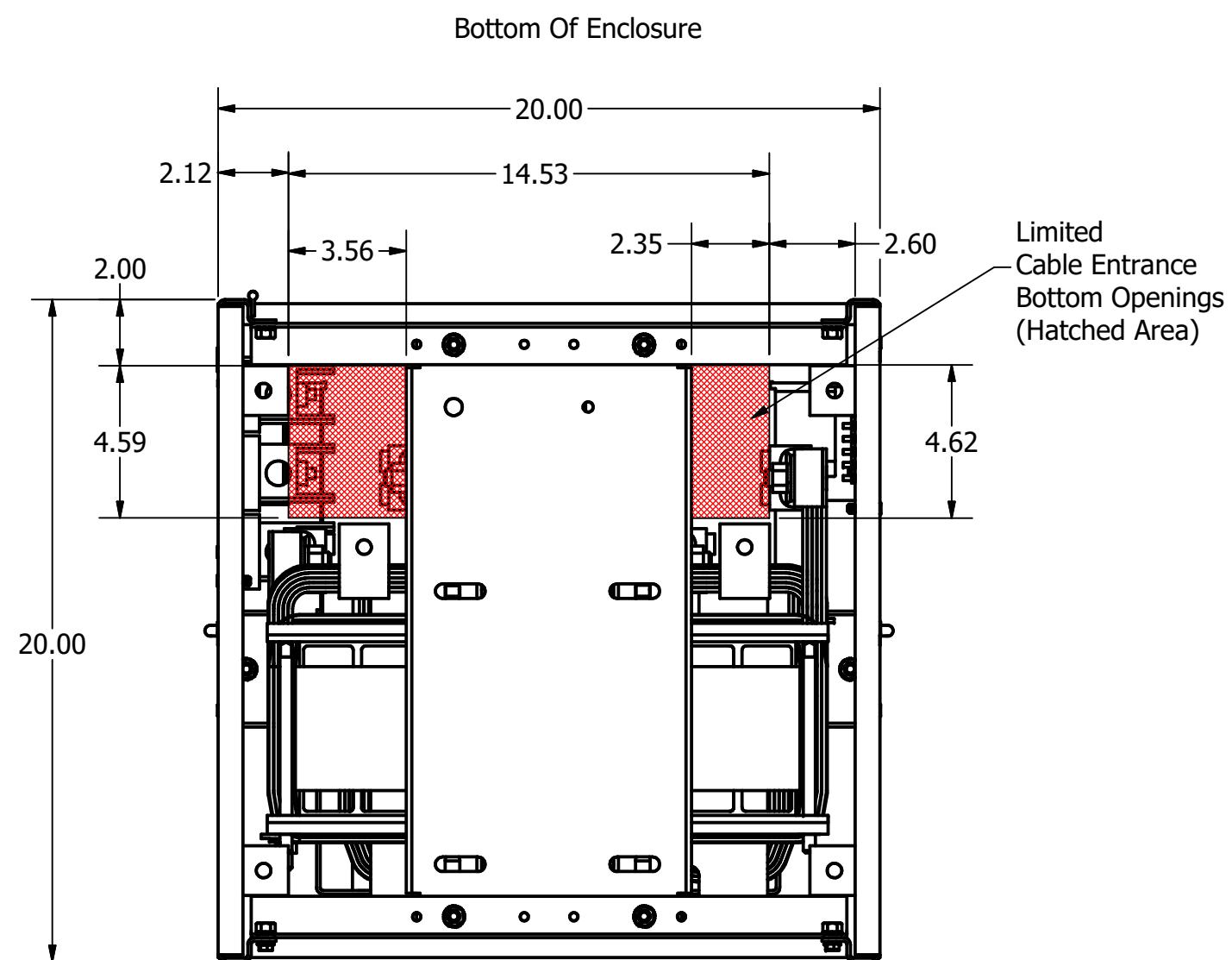
DRN: DSW DATE: 4/03/2017
SCALE: 1/8 APRVD: SIZE: C

D
C
B
A



Limited Cable Entrance Bottom Openings (Hatched Area)

400HP = 477 Amps
Bend Radius
2 x 350kcmil, Is 12 Inches.




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

Material(s) Shall be RoHS Compliant

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TOLERANCES (EXCEPT AS NOTED)			
DECIMAL			
.XX ± .25			
.XXX ± .10			
FRACTIONAL			
± 1/16			
ANGULAR			
± 1°			

		W132N10611 Grant Drive Germantown, WI 53022 © 2024 TCI, LLC
HGL, 400HP, 480/3/60, Type 1 Bottom Entry Detail		
DRN BY DSW	DATE 1/26/2021	SIZE C
SCALE 1/5	APRVD:	SHT 2 OF 2

4 3 2 1

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