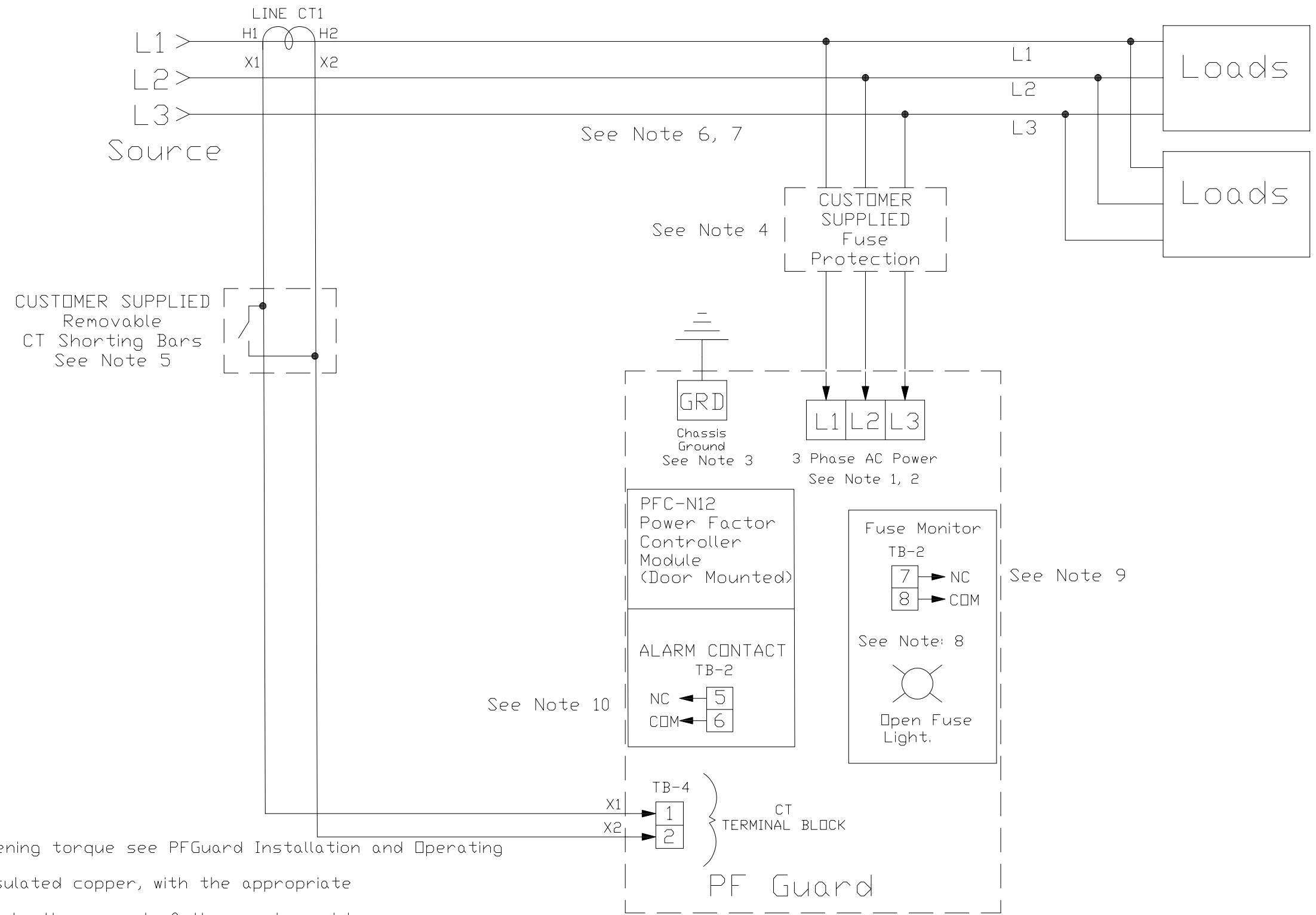


PF GUARD CONNECTION DIAGRAM



See Note 6, 7

See Note 4

CUSTOMER SUPPLIED Removable CT Shorting Bars See Note 5

Chassis Ground See Note 3

3 Phase AC Power See Note 1, 2

See Note 9

See Note 10

PF Guard

Notes:

- 1.) For connection wire size and tightening torque see PFGuard Installation and Operating Manual (IOM).
- 2.) Wiring should be 75°C or higher insulated copper, with the appropriate voltage and current rating.
- 3.) Chassis ground must be connected to the ground of the premises wiring system, in accordance with NEC and local codes. Connection must be made using a wire conductor.
- 4.) Customer is responsible for fuse protection, If Standard Terminal Block or Circuit Breaker, option ordered.
- 5.) Operating current transformers with the secondary winding open can result in a high voltage across the secondary terminals which may be dangerous to personnel or equipment.
- 6.) Current transformer should be centered around conductor.
- 7.) CT's are customer installed, and external to the PFGuard.
- 8.) Fuse Monitor Option Available as Dry Contact or Open Fuse Light.
- 9.) Fuse Monitor Contact is Rated (10A Resistive @ 240 VAC, 1/6HP @ 120/240 VAC max).
- 10.) TB-2 (5) and (6) Fault Contact, Is Rated (250 VAC/5A max).

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NO	REVISION	DATE	BY	TOLERANCES (EXCEPT AS NOTED)
C	5508, TB-4 WAS TB-5 Correction	2/8/2021	DSW	DECIMAL .XX ± .N/A .XXX ± .N/A
B	3588 ADD CONTACTOR RATING	4/26/16	DSW	FRACTIONAL ± N/A
A	3566, ADD ALARM CONTACT	4/7/16	DSW	ANGULAR ± N/A

W132N10611 Grant Drive Germantown, WI 53022 © 2021 TCI, LLC			
		Diagram, Connection PF Guard, 480V, Switching	
DRN. BY DSW	DATE: 11/16/15	29874	
SCALE: NONE	APRVD:	SIZE A	SHT.1 OF 1