



COMPUTATION:

Size of Wire (625 kva Genset)

$$I_G = \frac{625 \text{ KVA}(1000)(0.8)}{220(1.732)} = 1,312.2 \text{ Amps.}$$

USE: 4 Sets of 3-250 mm. sqr. THW in 110 mm dia. conduit
2000 Amps. Main CB., 65 kaic, 600 volts, 3 Poles

Engr. Fernando G. Ocat Professional Electrical Engineer	PRC Reg. No.: 2228	PROJECT TITLE : Proposed 625 kVA, Genset Wiring Installation	OWNER:	SHEET NO. 4/4
	PTR No.: 7788029			
	Date: Jan. 3 2018 Issued at: GSC			
	TIN : 130-297-471			
		LOCATION : Philippine Science High School, Brgy. Paraiso, Koronadal, So. Cot.		Date: