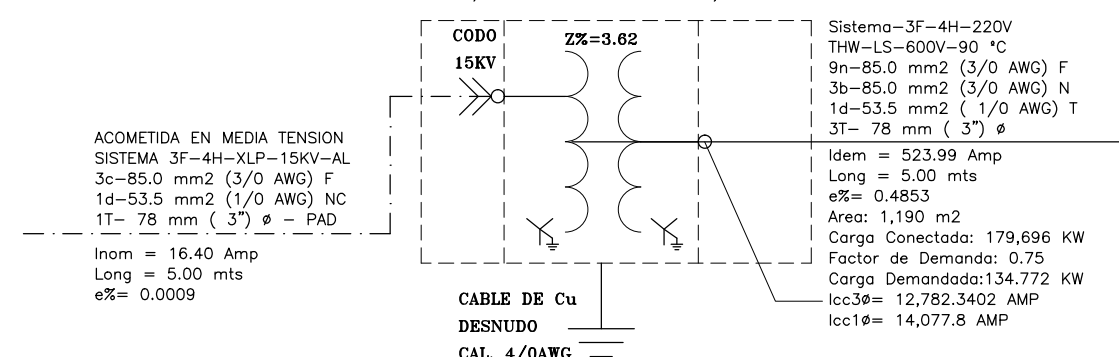


## DIAGRAMA UNIFILAR DEL SISTEMA ELECTRICO

NOM-002-SEDE-2010  
TR-3φ-225KVA-QA-13.200Y/7,621-220/127V  
TIPO PEDESTAL, CONEXION RADIAL, SERIE: 000000



### RESUMEN

CARGA TOTAL CONECTADA :	179.696 KW
FACTOR DE DEMANDA:	0.75
CARGA DEMANDADA:	134.772 KW
POTENCIA TOTAL CONECTADA :	199 KVA
TRANSFORMADOR:	225 KVA
FACTOR DE UTILIZACION:	0.88
AREA DE CONSTRUCCION:	1,190 m <sup>2</sup>

CUADRO DE CARGAS TABLERO "A" ( PLANTAJA ) , CATALOGO NQ304AB100 -3F-4H-240 VOLTS, CON INTERRUPTOR PRINCIPAL DE 100 AMP															DIAGRAMA DE CONEXIONES			
NO DE REF DEL CIRCUITO	TAB 225AMP	TAB 100AMP	CARGA CONECTADA (W)	VOLTAJE NOMINAL (V)	CORRIENTE NOMINAL (AMP)	CALIBRE DE FASE EN (mm2/AWG)	LONGITUD CIRCUITO (MTS)	CAIDA DE TENSION (e%)	INTERRUPTOR TERMO MAGNETICO	CALIBRE DE TIERRA EN (mm2/AWG)	TUBERIA CONDUIT EN (mm2/pulg)	CARGA CONECTADA FASE "A"	CARGA CONECTADA FASE "B"	CARGA CONECTADA FASE "C"	TABLERO "1-LINE"-CAT. MG60DM142B-3F-4H-600V			
TAB - A	01		20,568	220	- 3 Ø	59.98	53.5 1/0	83.00	1.4651 3 P x 100 A	13.3 6	53 2"	6,264	7,572	6,732	01	3P-100A	02	
TAB - B	01		16,248	220	- 3 Ø	47.38	53.5 1/0	85.00	1.1852 3 P x 100 A	13.3 6	53 2"	5,904	5,412	4,932	03		04	
TAB - C	01		20,568	220	- 3 Ø	59.98	53.5 1/0	93.00	1.8416 3 P x 100 A	13.3 6	53 2"	6,264	7,572	6,732	05	3P-100A	06	
TAB - D	01		18,888	220	- 3 Ø	55.08	53.5 1/0	94.00	1.5237 3 P x 100 A	13.3 6	53 2"	5,184	7,272	6,432	07		08	
TAB - E	01		36,008	220	- 3 Ø	105.00	85.0 3/0	86.00	1.6727 3 P x 150 A	13.3 6	63 2-1/2"	11,342	12,312	12,354	09	3P-100A	10	
TAB - F	01		22,990	220	- 3 Ø	67.04	53.5 1/0	88.00	1.7362 3 P x 100 A	13.3 6	53 2"	7,638	7,734	7,616	11	3P-100A	12	
TAB - G	01		23,754	220	- 3 Ø	69.27	53.5 1/0	96.00	1.9570 3 P x 100 A	13.3 6	53 2"	6,300	9,060	8,394	13	3P-100A	14	
TAB - H	01		20,672	220	- 3 Ø	60.28	53.5 1/0	98.00	1.7386 3 P x 100 A	13.3 6	53 2"	6,862	7,194	6,816	15		16	
															17	3P-100A	18	
															19	3P-100A	20	
															21		22	
															23		24	
															25		26	
															27		28	
															29	250V	30	
																300A		
TOTAL	01	07	170,460	220	- 3 Ø	497.00	3-53.5 3-3/0	0.00	0.0000 3 P x 600 A	53.5 1/0	78 3"	55,558	64,128	60,010		NEUTRO	TIERRA FISICA	