



SCHEDULE OF LOADS											
CIRCUIT NUMBER	LOAD DESCRIPTION		VA	VOLTS	AMPERES			ACB RATING	Ø	SIZES	
	L.O.	C.O. OTHERS			AB	BC	CA			AWG	CONDUIT
①	5	HIGH BAY 400 W	2400	220 V	10.9			20	1Ø	2-3.5 MM ² THHN	12 MMØ EMT
②	1	HIGH BAY 400 W	480	220 V	2.18			20	1Ø	2-3.5 MM ² THHN	12 MMØ EMT
③	5	HIGH BAY 400 W	2400	220 V		10.9		20	1Ø	2-3.5 MM ² THHN	12 MMØ EMT
④	6	2 X 36 F.L. FIXTURES	518.4	220 V		2.35		20	1Ø	2-3.5 MM ² THHN	12 MMØ EMT
⑤	4	HIGH BAY 400 W	1920	220 V			8.72	20	1Ø	2-3.5 MM ² THHN	12 MMØ EMT
⑥	6	2 X 36 F.L. FIXTURES	518.4	220 V		2.35		20	1Ø	2-3.5 MM ² THHN	12 MMØ EMT
⑦		3 C.O. & SOUND SYSTEM	8800	220 V				50	1Ø	2-8 MM ² THHN	19 MMØ EMT
⑧		SPARE									
TOTAL LOADS			17036.8		63.08	63.25	61.25				

COMPUTATION : $=\sqrt{3} \times 63.25 = 109.42 \text{ A}$

RECOMMENDATION : USE: 30MM² THHN IN 1/4" Ø EMT PIPE , 125 AMP MOLDED TYPE

- LEGEND:**
- HIGH BAY 400 WATTS
 - 2 GANG C.O.
 - 2 x 36 FLUORESCENT LIGHT
 - CIRCUIT RUN IN FLOORS & WALLS 230V
 - CIRCUIT HOMERUN
 - SERVICE ENTRANCE
 - KILOWATT-HOUR METER
 - GROUND ELECTRODE
 - CIRCUIT BREAKER

NAME OF COMPANY:	PROJECT TITLE:	RECOMMENDING APPROVAL:	APPROVED BY:	CAD BY:	DATE:	SHEET NO.
DUTY FREE PHILIPPINES DUTY FREE PHILIPPINES FIESTAMALL, COLUMBIA COMPLEX, NINYO AQUINO AVENUE, STO. NINO, PARANAQUE CITY 1700 TEL: (02) 5524337 / (02) 5524357	PROPOSED DFPC BASKETBALL COVERED COURT			CAGT	02/18/15	E 1
	LOCATION:	MA. LOURDES D. VELARDE DGM FOR ADMINISTRATION	BERNARDINE R. BELMONTE DGM FOR OPERATION	LORENZO C. FORMOSO CHIEF OPERATING OFFICER	CHECKED BY:	ELECTRICAL LAYOUT SINGLE LINE DIAGRAM PANEL BOARD DETAIL SCHEDULE OF LOADS
					ECI / ESC	