

IAN BANHAM &amp; ASSOCIATES

ELECTRICAL

PROJECT : <b>B+G+M+1 FLOOR CAR SHOWROOM &amp; OFFICE</b>   DETAILS OF CONNECTED LOAD/MAX. DEMAND																			
SMDREF : <b>SMDB-GN2B (CONT'D)</b> CONSULTANT : <b>M/S. IAN BANHAM &amp; ASSOCIATES</b> LOCATION : <b>ELECT ROOM</b>																			
SR. NO	CIRCUIT FEEDER DB NO.	SP/TP	RATING - AMPS			FAULT DUTY KA	PVC/XLPE SWA/PVC/SC	CABLE SIZE		LENGTH OF CABLE (Mtrs)	ECC SIZE -1C mm <sup>2</sup>	CONNECTED LOAD - KW				KWH METER			REMARKS
			ACB	MCCB	MCB			2/4x1C mm <sup>2</sup>	2/3/4C mm <sup>2</sup>			R-PHASE kW	Y-PHASE kW	B-PHASE kW	TOTAL kW	1 Ph (1)	3 Ph (2)	LV/HV CT (4)	
	INCOMER	TP		500 (N/A)		35	XLPE/SWA/PVC		2x4C 150		2x1C 70								
	OUTGOING																		
13	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4	1.50			1.50				*
13	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4		1.50		1.50				*
13	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4			1.50	1.50				*
14	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4	1.50			1.50				*
14	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4		1.50		1.50				*
14	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4			1.50	1.50				*
15	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4	1.50			1.50				*
15	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4		1.50		1.50				*
15	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4			1.50	1.50				*
16	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4	1.50			1.50				*
16	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4		1.50		1.50				*
<b>SMDB-GN2B</b> CONNECTED TO <b>LV MDB-1</b>						TOTAL CONNECTED LOAD PER PHASE						<b>78.00</b>	<b>78.00</b>	<b>78.00</b>	<b>234.00</b>				TOTAL
DEMAND FACTOR..... MAX. DEMAND.....kW TOTAL CONNECTED LOAD (3 PHASE)....234.00...kW TOTAL BUILD - UP AREA ..... ACTUAL LOAD (3 PH).....kW																			
CONSULTANTS : <b>M/S. IAN BANHAM AND ASSOCIATES</b>										TEL : 04 - 370 5777					FAX : 04 - 370 5888				
Type of Meter (Rating of Incomer) :      (1) UPTO 60A (1 PHASE)      (2) UPTO 125A (3 PHASE)      (3) LV CT ...../.....      HV CT ...../.....A																			