

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-GN2C (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		630 (N/A)		35	XLPE/SWA/PVC		2x4C 185		2x1C 95													
	OUTGOING																							
9	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4			1.50	1.50				*					
10	BAY AREA	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4	1.50			1.50				*					
10	QUICK SERVICE	SP		20		35	XLPE/SWA/PVC		2C 4		1C 4		1.50		1.50				*					
11	CAR WASH	TP		100		35	XLPE/SWA/PVC		4C 35		1C 16	15.33	15.33	15.33	46.00				*					
12	CAR WASH	TP		100		35	XLPE/SWA/PVC		4C 35		1C 16	15.33	15.33	15.33	46.00				*					
13	QUICK SERVICE	TP		63		35	XLPE/SWA/PVC		4C 16		1C 16	6.00	6.00	6.00	18.00				*					
14	DB-MN2	TP		40		35	XLPE/SWA/PVC		4C 10		1C 10	3.60	3.50	3.40	10.50				*					
15	DB-1N2	TP		40		35	XLPE/SWA/PVC		4C 10		1C 10	0.90	0.80	0.50	2.20				*					
<b>SMDB-GN2C</b> CONNECTED TO <b>LV MDB-1</b>						TOTAL CONNECTED LOAD PER PHASE						<b>87.67</b>	<b>87.47</b>	<b>85.57</b>	<b>260.70</b>				TOTAL					
DEMAND FACTOR..... MAX. DEMAND.....kW TOTAL CONNECTED LOAD (3 PHASE)....260.70...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				