

IAN BANHAM & ASSOCIATES

ELECTRICAL

PROJECT : B+G+M+1 FLOOR CAR SHOWROOM & OFFICE DETAILS OF CONNECTED LOAD/MAX. DEMAND																			
SMDBREF : SMDB-GE1 (CONT'D) CONSULTANT : M/S. IAN BANHAM & ASSOCIATES LOCATION : ELECT ROOM																			
SR. NO	CIRCUIT FEEDER DB NO.	SP/TP	RATING - AMPS			FAULT DUTY KA	PVC/XLPE	CABLE SIZE		LENGTH OF CABLE (Mtrs)	ECC SIZE -1C mm ²	CONNECTED LOAD - KW				KWH METER			REMARKS
			ACB	MCCB	MCB		SWA/PVC/SC	2/4x1C mm ²	2/3/4C mm ²			R-PHASE kW	Y-PHASE kW	B-PHASE kW	TOTAL kW	1 Ph (1)	3 Ph (2)	LV/HV CT (4)	
	INCOMER	TP		250 (N/A)		35	FIRE PROOF		4C 150		1C 70								
	OUTGOING																		
11	WEPF	TP		32		35	FIRE PROOF		4C 6		1C 6	3.33	3.33	3.33	10.00				*
12	WEPF	TP		32		35	FIRE PROOF		4C 6		1C 6	3.33	3.33	3.33	10.00				*
SMDB-GE1 CONNECTED TO MDB-E						TOTAL CONNECTED LOAD PER PHASE						42.07	40.27	37.57	119.90				TOTAL
DEMAND FACTOR..... MAX. DEMAND.....kW TOTAL CONNECTED LOAD (3 PHASE)....119.90...kW TOTAL BUILD - UP AREA ACTUAL LOAD (3 PH).....kW																			
CONSULTANTS : M/S. IAN BANHAM AND ASSOCIATES											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																			