

IAN BANHAM & ASSOCIATES

ELECTRICAL

PROJECT : B+G+M+1 FLOOR CAR SHOWROOM & OFFICE DETAILS OF CONNECTED LOAD/MAX. DEMAND																			
SMDB REF : SMDB - BE1 (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		225 (N/A)		35	FIRE PROOF		4C 120		1C 70									
	OUTGOING																			
13	SUMP PUMP	TP		20		35	XLPE/SWA/PVC		4C 4		1C 4	0.50	0.50	0.50	1.50				*	
SMDB - BE1 CONNECTED TO MDB-E						TOTAL CONNECTED LOAD PER PHASE						36.47	35.37	35.47	107.30				TOTAL	
DEMAND FACTOR..... MAX. DEMAND.....kW TOTAL CONNECTED LOAD (3 PHASE)...107.30...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				