PROJECT:		B+G+1 VILLA					DETAIL OF CONNECTED LOAD/MAX. DEMAND						LOCATION : VILLA COMPOUND WALL					
REF		KHW METERING CABINET					CONSULTANT : -						PLOT NO: -, AREA - -					
FED FROM:		DEWA FEEDER					CLIENT : -											
CIRCUIT/	SP/		RATING-AMPS		FAULT	PVC/ XLPE	CABLE SIZE		ECC SIZE		CONNECTED LOAD-kW				PROPOSED TYPE & No. OF kWh METERS			
FEEDER DB No.	TP	F/S ISO	MCCB	MCB	DUTY kA	SWA/PVC	2/4x1C mm2	2/3/4C mm2	IC, mm2	R-PH	Y-PH	B-PH	TOTAL (KW)	1-PH	3-PH	3-PH	LV/HV / CT	REMARKS
INCOMER																		
KHW METERING CABINET	TP		400A		50	BY DEWA			2X1CX150 mm2	76.9	76.4	74.5	227.77				1	400/5A CT METER
OUTGOING																		
MDB-MHD	TP		400A (N/A)		50	4Cx300mm2 XLPE			2X1CX150 mm2	76.88	76.38	74.51	227.77					
MAX.DEMAND (3PH) AT 0.85 DIVERSITY IN KW					193.60	TOTAL CONNECTED LOAD IN KW				76.9	76.4	74.5	227.77				1	400/5A CT METER

refer MDB summary/sld

This approval supersedes our previous approval issued vide ref. E-005323 dated 13/02/2017 to same contractor for the same project.
No change in main incomer rating. TCL changed from 215.52KW to 227.77KW.

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority

موافقة مبدئية للمخططات الفنية للجهد المنخفض
LV Technical Drawing
Provisionally Approved

Application No:..... Date:.....

Design Approval Section — قسم التصميم

Distribution Power –Connection Services — قطاع توزيع الطاقة - ادارة توصيل الخدمات

في حال إجراء اي تعديل على هذه المعاملة تعتبر لاغية
This is a DEWA Approved Document & Not Permitted any Correction, Alterations etc.....

CONTRACTOR :

Type of Meter (Rating of Incomer) : (1)Upto 60A (1 PHASE) (2)Upto 100A (3 PHASE) (3)125-160A (3 PHASE) (4)LV CT HV CT / A

PROJECT:		B+G+1 VILLA					DETAIL OF CONNECTED LOAD/MAX. DEMAND						LOCATION : VILLA COMPOUND WALL					
REF		MDB- MHD					CONSULTANT : -						PLOT NO: -, AREA - -					
FED FROM:		DEWA METERING CABINET					CLIENT : -											
CIRCUIT/	SP/		RATING-AMPS		FAULT	PVC/ XLPE	CABLE SIZE		ECC SIZE		CONNECTED LOAD-kW				PROPOSED TYPE & No. OF kWh METERS			
FEEDER DB No.	TP	ACB	MCCB	MCB	DUTY kA	SWA/PVC	2/4x1Cmm 2	2/3/4C mm2	IC, mm2	R-PH	Y-PH	B-PH	TOTAL (KW)	1-PH	3-PH	3-PH	LV/HV	REMARKS
INCOMER	TP		400A (N/A)		50	XLPE/SWA/PVC	4CX300mm2		1X150mm2	76.9	76.4	74.5	227.8				1	400/5A CT METER
OUTGOING:																		Meter refer main summary
DB-B	TP		80		25	XLPE/SWA/PVC		4CX25	1C X16	11.16	11.03	9.90	32.09					
DB-GF	TP		100		25	XLPE/SWA/PVC		4CX35	1C X16	13.86	13.52	13.38	40.77					
DB-AC-GF	TP		125		25	XLPE/SWA/PVC		4CX50	1C X25	18.19	18.76	17.53	54.48					
DB-FF	TP		100		25	XLPE/SWA/PVC		4CX35	1C X16	13.75	13.40	13.76	40.92					
DB-AC-FF	TP		125		25	XLPE/SWA/PVC		4CX50	1C X25	17.02	17.02	17.02	51.05					
DB-DR	TP		40		25	XLPE/SWA/PVC		4CX10	1C X10	2.90	2.65	2.91	8.46					
MAX.DEMAND (3PH) AT 0.85 DIVERSITY IN KW					193.60	TOTAL CONNECTED LOAD IN KW				76.88	76.38	74.51	227.77					

CONTRACTOR : TEL : 0 HV CT / A

Type of Meter (Rating of Incomer) : (1)Upto 60A (1 PHASE) (2)Upto 100A (3 PHASE) (3)125-160A (3 PHASE) (4)LV CT

PROJECT:	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO.:	DB-B	(3-PHASE)	DB LOCATION:	BASEMENT STORE ROOM
FED FROM:	MDB-MHD	CONSULTANT : ARCHDOME		
INCOMER - 80A TP ISOLATOR		CLIENT : -	*SHEET 1 OF 1*	

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																					WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	COVER	SHAVER	EX. FAN	15A S/O	13A SPUR	13A S/O	13A twin S/O	13A UFO	20AAW M/D	45A	W/H	DOOR BELL	COO-KER	D/W	W/M	HOOD	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
80A TP ISOLATOR	40A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	STORE, PUMP ROOM	5																					100	500			
		2	Y1	25	6	6	DECORATIVE A/C UNIT BAC-2																				1		2330		2330		UVR+T+CONTACTOR
		3	B1	10	-	-	SPARE																									300	FUTURE LOAD
	40A 4P 100mA ELCB-2	4	R2	20	4	4	DECORATIVE A/C UNIT BAC-1																				1		1360	1360			UVR+T+CONTACTOR
		5	Y2	-	-	-	SPACE																										
		6	B2	20	-	-	SPARE																									500	FUTURE LOAD
	40A 4P 30mA ELCB-3	7	R3	20	-	-	SPARE																							600			FUTURE LOAD
		8	Y3	-	-	-	SPACE																										
		9	B3	20	4	4	STORE, PUMP ROOM							2															200			400	
	40A 4P 30mA ELCB-4	10	R4	20A,TP	4	4	SUMP PUMP (1D+1S)																							334			
		11	Y4																								1		1000		333		20A TP ISOLATOR ELS+ALARM
		12	B4																													333	
	40A 4P 30mA ELCB-5	13	R5	20A,TP	4	4	TRANSFER PUMP (1D+1S)																							366			20A TPN ISLOATOR
		14	Y5																								1		1100		367		
		15	B5																													367	
	~~40A 4P 30mA ELCB-6~~ 63	16	R6	63A,TP	~~4C.10mm2~~ 16	~~1C.10mm2~~ 16	SWIMMING POOL PANEL																							8000			63A TPN ISLOATOR
		17	Y6																								1		24000		8000		
		18	B6		xlpe																											8000	
																												TOTAL		11160.00	11030.00	9900.00	WATTS
CABLE SIZE : 4CX25 mm2 XLPE/SWA PVC+ECC 1CX16 mm2																												TOTAL	32.09		KW		

PROJECT:	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO.:	DB-GF	(3-PHASE)	DB LOCATION:	GROUND FLOOR
FED FROM:	MDB-MHD	CONSULTANT : ARCHDOME		PLOT NO: -
INCOMER - 100A TP ISOLATOR		CLIENT : -		*SHEET 1 OF 3*

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																			WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	SHA VER	EX. FAN	15A S/O	13A SPU R	13A S/O	13A twin S/O	LED COVE	20AAW M/D	45A	W/H	DOOR BELL	COO-KER	D/W	W/M	HOO D	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
100A TP ISOLATOR	40A 4P 100mA ELCB-1	1	R1	10	-	-	SPARE																						300			FUTURE LOAD
		2	Y1	10	2.5	2.5	GUEST BED ROOM	7							18MTR													50 & 10W/MTR		530		
		3	B1	10	2.5	2.5	STORE-1& KITCHEN-1	7											2									50/50			450	
		4	R2	10	2.5	2.5	MAJLIS	12							29MTR													50 & 10W/MTR	890			
		5	Y2	10	2.5	2.5	GUEST WASH ROOM	8		1																		50/50		450		
		6	B2	-	-	-	SPACE																									
		7	R3	10	2.5	2.5	DINING	11							19MTR													50 & 10W/MTR	740			
		8	Y3	10	2.5	2.5	HALLWAY	4																				50		200		
		9	B3	10	2.5	2.5	HALLWAY & STORE	16																				50			800	
	40A 4P 100mA ELCB-2	10	R4	10	2.5	2.5	DINING	1																				200	200			
		11	Y4	10	2.5	2.5	WASHROOM	10		1																		50/50		550		
		12	B4	10	2.5	2.5	MAID ROOM	6																				50			300	
		13	R5	10	2.5	2.5	SITTING	9																				50	450			
		14	Y5	10	2.5	2.5	LOBBY	10							11MTR													50 & 10W/MTR		610		
		15	B5	-	-	-	SPACE																									
		16	R6	10	2.5	2.5	KITCHEN-2	11																				50	550			
		17	Y6	10	2.5	2.5	MAIN ENTRANCE	1																				50		50		
		18	B6	-	-	-	SPACE																									

PROJECT:	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO.:	DB REF. - DB-GF	(3-PHASE)	DB LOCATION:	GROUND FLOOR
FED FROM:	FED FROMMDB-MHD	CONSULTANT : ARCHDOME		PLOT NO: -
INCOMER - 80A TP ISOLATOR		CLIENT : -	*SHEET 2 OF 3*	

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																			WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	SHA VER	EX. FAN	15A S/O	13A SPU R	13A S/O	13A twin S/O	LED COVE	20A WM/D	45A	W/H	DOOR BELL	COO-KER	D/W	W/M	HOO D	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
100A TP ISOLATOR	40A 4P 100mA ELCB-3	19	R7	10	2.5	2.5	EXTERNAL, OUTDOOR SITTING	4																				50	200			TIMER
		20	Y7	-	-	-	SPACE																									
		21	B7	-	-	-	SPACE																									
		22	R8	-	-	-	SPACE																									
		23	Y8	-	-	-	SPACE																									
		24	B8	10	2.5	2.5	STAIRCASE	6																				50			300	
	40A 4P 30mA ELCB-4	25	R9	32	4	4	KITCHEN-2 & EXT						2	4														200/400	2000			RING
		26	Y9	32	4	4	GUEST BEDROOM & EXT						4	3														200/400		2000		RING
		27	B9	32	4	4	LAUNDRY IRON & STAIR						1	4														200/400			1800	RING
		28	R10	20	-	-	SPARE																						400			FUTURE LOAD
		29	Y10	20	4	4	LOBBY & WASH		2				2															200		800		
		30	B10	20	4	4	LAUNDRY IRON									1												1000			1000	
	40A 4P 30mA ELCB-5	31	R11	20	4	4	KITCHEN-2						1			1												1000/200	1200			
		32	Y11	20	4	4	LAUNDRY IRON									1												1000		1000		
		33	B11	32	4	4	MAID ROOM						3	2														200/400			1400	RING
		34	R12	32	4	4	MAJLIS						2	4														200/400	2000			RING
		35	Y12	32	4	4	SITTING						2	4														200/400		2000		RING
		36	B12	20	4	4	KITCHEN						2															200			400	

PROJECT:	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:
DB NO.:	DB REF. - DB-GF	(3-PHASE)	DB LOCATION: GROUND FLOOR
FED FROM:	FED FROMMDB-MHD	CONSULTANT : ARCHDOME	PLOT NO: -
INCOMER - 80A TP ISOLATOR		CLIENT : -	*SHEET 3 OF 3*

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																			WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	SHA VER	EX. FAN	15A S/O	13A SPU R	13A S/O	13A twin S/O	LED COVE	20AAW M/D	45A	W/H	DOOR BELL	COO-KER	D/W	W/M	HOO D	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
100A TP ISOLATOR	40A 4P 30mA ELCB-6	37	R13	-	-	-	SPACE																								
		38	Y13	32	4	4	MAJLIS						4	2														200/400		1600		RING
		39	B13	20	4	4	KITCHEN						2															200			400	
		40	R14	20	4	4	HALL WAY & STORE						4															200/400	800			
		41	Y14	20	4	4	OUTDOOR NEAR KITCHEN						2															200		400		
		42	B14	20	4	4	12U CABINET						1															400			400	
	40A 4P 30mA ELCB-7	43	R15	32	4	4	KITCHEN						4	1														200/400	1200			RING
		44	Y15	-	-	-	SPACE																								
		45	B15	20	-	-	SPARE																								600	FUTURE LOAD
		46	R16	32	4	4	KITCHEN						2	3														200/400	1600			RING
		47	Y16	32	4	4	DINING						2	4														200/400		2000		RING
		48	B16	20	4	4	KITCHEN					1																200			200	
	40A 4P 100mA ELCB-8	49	R17	-	-	-	SPACE																								
		50	Y17	-	-	-	SPACE																								
		51	B17	40	10	6	KITCHEN EQP-1										1											4000			4000	
	40A 4P 100mA ELCB-9	52	RYB18	20	4	4	KITCHEN EQP.2																			45A		4000	1333			
		53																												1334		
		54																													1333	
																											TOTAL		13863.00	13524.00	13383.00	WATTS

CABLE SIZE : 4CX35 mm2 XLPE/SWA PVC+ECC 1CX16 mm2		TOTAL	40.77	KW

PROJECT :	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO :	DB-GAC	(3-PHASE)	DB LOCATION:	GROUND FLOOR
FED FROM:	FED FROM MDB-MHD	CONSULTANT : -		PLOT NO: -
INCOMER - 125A TP ISOLATOR		CLIENT : -		

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	COVER	SHAVER	EX. FAN	15A S/O	13A S/O	13A twin S/O	W/H	EM LIGHT	COO-KER	D/W	W/M	HOOD	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
125 A TPN ISOLATOR	40A 4P 100mA ELCB-1	1	R1	20	6	6	LAUNDRY (GAC-7)																1		1360	1360			
		2	Y1	32	6	6	MAID (GAC-8)																1		2330		2330		
		3	B1	20	-	-	SPARE																					600	FUTURE LOAD
	40A 4P 100mA ELCB-2	4	R2	20	-	-	SPARE																			400			FUTURE LOAD
		5	Y2	20	4	4	GUEST WASH ROOM																	1	500		500		
		6	B2	20	4	4	GENARAL BATH																	1	500			500	
	40A 4P 100mA ELCB-3	7	R3	25A TP	6	6	CU FOR GUEST(GAC-1)																		4920	1640			UVR+TIMER+CONTACTOR
		8	Y3																				1				1640		
		9	B3																									1640	
	40A 4P 100mA ELCB-4	10	R4	25A TP	6	6	CU FOR MAIN ENTRANCE(GAC-2)																		4920	1640			UVR+TIMER+CONTACTOR
		11	Y4																				1				1640		
		12	B4																									1640	
	40A 4P 100mA ELCB-5	13	R5	32A TP	6	6	CU UNIT FOR MAJLIS(GAC-3)																		9340	3143			UVR+TIMER+CONTACTOR
		14	Y5																				1				3143		
		15	B5		xlpe																							3144	
	40A 4P 100mA ELCB-6	16	R6	25A TP	6	6	CU FOR KITCHEN (GAC-5)																		5710	1903			UVR+TIMER+CONTACTOR
		17	Y6																				1				1903		
		18	B6																									1904	
	40A 4P 100mA ELCB-7	19	R7	40A TP	10	10	CU UNIT FOR DINING & SITTING (GAC-4)																		17100	5700			UVR+TIMER+CONTACTOR
		20	Y7																				1				5700		
		21	B7		xlpe																							5700	
	40A 4P 100mA ELCB-8	22	R8	25A TP	6	6	CU UNIT FOR KITCHEN (GAC-6)																		5710	1903			UVR+TIMER+CONTACTOR
		23	Y8																				1				1903		
		24	B8																									1904	
	40A 4P 100mA ELCB-9	25	R9	20	4	4	HALWAY (GAC-5)																	1		500			
		26	Y9	-	-	-	SPACE																						
		27	B9	20	4	4	KITCHEN-STORE (GAC-6)																	1				500	
																								TOTAL		18189.00	18759.00	17532.00	WATTS
CABLE SIZE : 4CX50 mm2 XLPE/SWA PVC+ECC 1CX25 mm2														TOTAL											54.48		KW		

PROJECT:	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO.:	DB-FF	(3-PHASE)	DB LOCATION:	FIRST FLOOR
FED FROM:	MDB-MHD	CONSULTANT : ARCHDOME		PLOT NO: -
INCOMER - 100A TP ISOLATOR		CLIENT : -	*SHEET 1 OF 3*	

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																		WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	SHA VER	EX. FAN	15A S/O	13A SPU R	13A S/O	13A twin S/O	LED COVE	20AAW M/D	W/H	DOOR BELL	COO-KER	D/W	W/M	HO OD	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
100A TP ISOLATOR	40A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	LOBBY & ROOF BOLCONY	4																			50/100	300			
		2	Y1	10	2.5	2.5	BEDROOM-4	6							17MTR												50/100 10W/MTR		570		
		3	B1	10	2.5	2.5	BEDROOM-1	8							7MTR												50/50 10W/MTR			470	
		4	R2	10	2.5	2.5	MASTER BEDROOM	0							34MTR												100 & 10W/MTR	440			
		5	Y2	10	2.5	2.5	BEDROOM4 BATH	8		1																	50/50		450		
		6	B2	10	-	-	BEDROOM1 DRESS,WASH	7		1																	50			400	
		7	R3	10	2.5	2.5	MASTER DRESS	6																			50/50	300			
		8	Y3	10	2.5	2.5	PANTRY, STORE	8																			50		400		
		9	B3	10	2.5	2.5	BEDROOM-2	11							12MTR												50/50 10W/MTR			670	
	40A 4P 100mA ELCB-2	10	R4	10	2.5	2.5	MASTER BATH	10		1																	50	550			
		11	Y4	10	2.5	2.5	HALL WAY	12																			50		600		
		12	B4	10	2.5	2.5	BEDROOM2 DRESS, BATH	7		1																	50/50			400	
		13	R5	-	-	-	SPACE																								
		14	Y5	10	2.5	2.5	SITTING	6							10MTR												50 & 10W/MTR		400		
		15	B5	16	2.5	2.5	HALL WAY	16							16MTR												50 & 10W/MTR			960	
		16	R6	10	-	-	SPARE																					300			
		17	Y6	16	2.5	2.5	BEDROOM-3	12							12MTR												50 & 100 10W/MTR		820		
		18	B6	-	-	-	SPACE																								

PROJECT:	B+G+1 VILLA	PROJ LOCATION:	
DB NO.:	DB REF. - DB-FF	(3-PHASE)	DB LOCATION: FIRST FLOOR
FED FROM:	FED FROMMDB-MHD	CONSULTANT : ARCHDOME	PLOT NO:
INCOMER - 80A TP ISOLATOR		CLIENT : -	*SHEET 2 OF 3*

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																			WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	SHA VER	EX. FAN	15A S/O	13A SPU R	13A S/O	13A twin S/O	LED COVE	20AAW M/D	W/H	DOOR BELL	COO-KER	D/W	W/M	HO OD	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
100A TP ISOLATOR	40A 4P 100mA ELCB-3	19	R7	10	2.5	2.5	BEDROOM3 DRESS,BATH	7		1																	50/50	400			
		20	Y7	-	-	-	SPACE																								
		21	B7	10	2.5	2.5	ROOF	8																			50			400	
		22	R8	10	2.5	2.5	STORE	2																			50	100			
		23	Y8	-	-	-	SPACE																								
		24	B8	20	-	-	SPARE																							500	
	40A 4P 30mA ELCB-4	25	R9	32	4	4	STORE HALLWAY						3	2													200/400	1400			RING
		26	Y9	32	4	4	BEDROOM-4							4													400		1600		RING
		27	B9	32	4	4	BEDROOM-2						2	2													200/400			1200	RING
		28	R10	32	4	4	MASTER BEDROOM						3	2													200/400	1400			RING
		29	Y10	32	4	4	SITTING						1	2													200/400		1000		RING
		30	B10	32	4	4	BEDROOM-2							3													400			1200	RING
	40A 4P 30mA ELCB-5	31	R11	32	4	4	MASTER BATH						2	2													200/400	1200			RING
		32	Y11	32	4	4	BEDROOM-3						1	2													200/400		1000		RING
		33	B11	32	4	4	BEDROOM-4		1					3													200/400			1400	RING
		34	R12	32	4	4	BED ROOM-1		1				1	4													200/400	2000			RING
		35	Y12	32	4	4	HALLWAY PANTRY STORE						4	1													200/400		1200		RING
		36	B12	20	4	4	ROOF						4														200			800	

PROJECT:	B+G+1 VILLA	PROJ LOCATION:	
DB NO.:	DB REF. - DB-FF	(3-PHASE)	DB LOCATION: FIRST FLOOR
FED FROM:	FED FROMMDB-MHD	CONSULTANT : ARCHDOME	PLOT NO:
INCOMER - 80A TP ISOLATOR		CLIENT : -	*SHEET 3 OF 3*

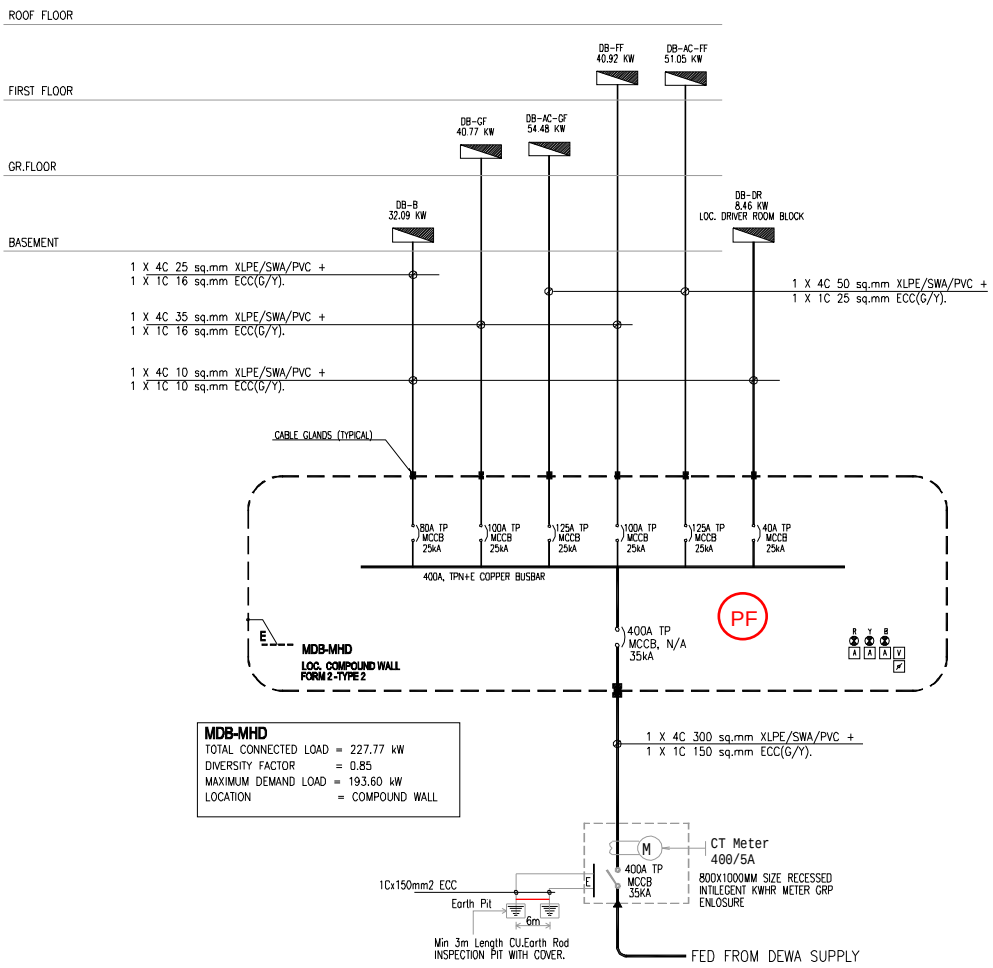
RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																		WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	SHA VER	EX. FAN	15A S/O	13A SPU R	13A S/O	13A twin S/O	LED COVE	20AAW M/D	W/H	DOOR BELL	COO-KER	D/W	W/M	HO OD	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
	40A 4P 30mA ELCB-6	37	R13	20A TP	4	4	HOT WATER CIRCULATION PUMP																					250			
		38	Y13																						1		750		250		20A TP ISOLATOR
		39	B13																											250	
	40A 4P 30mA ELCB-7	40	R14	20A TP	4	4	SOLAR WATER HEATER																					1000			
		41	Y14																						1		3000		1000		20A TP ISOLATOR
		42	B14																											1000	
	40A 4P 300mA ELCB-8	43	R15	20A TP	4	4	LIFT																					1400			
		44	Y15																						1		4200		1400		20A TP ISOLATOR
		45	B15																											1400	
	40A 4P 30mA ELCB-9	46	R16	25A TP	6	6	COOL COLD WATER GENERATOR																					2000			
		47	Y16																						1		6000		2000		20A TP ISOLATOR
		48	B16																											2000	
	40A 4P 30mA ELCB-10	49	R17	20A TP	4	4	COOL COLD WATER CIRCULATION PUMP																					213			
		50	Y17																						1		640		213		20A TP ISOLATOR
		51	B17																											214	
	40A 4P 30mA ELCB-11	52	R18	20A TP	4	4	BOOSTER PUMP SET (1D+1S)																					500			
		53	Y18																						1		1500		500		20A TP ISOLATOR
		54	B18																											500	
																										TOTAL		13753.00	13403.00	13764.00	WATTS
CABLE SIZE : 4CX35 mm2 XLPE/SWA PVC+ECC 1CX16 mm2													TOTAL													40.92		KW		

PROJECT :	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO :	DB-FAC	(3-PHASE)	DB LOCATION:	FIRST FLOOR
FED FROM:	FED FROM MDB-MHD	CONSULTANT : -		PLOT NO: 2818746
INCOMER - 125A TP ISOLATOR		CLIENT : -		

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	COVER	SHAVER	EX. FAN	15A S/O	13A S/O	13A twin S/O	W/H	EM LIGHT	COO-KER	D/W	W/M	HOOD	CR/ MTR	A/C	ISO.	FCU		R	Y	B	
125 A TPN ISOLATOR	40A 4P 100mA ELCB-1	1	R1	25A TP	6	6	FAC-01																1		6210	2070			UVR+TIMER+CONTACTOR
		2	Y1																								2070		
		3	B1																									2070	
	40A 4P 100mA ELCB-2	4	R2	25A TP	6	6	FAC-02																1		6210	2070			UVR+TIMER+CONTACTOR
		5	Y2																								2070		
		6	B2																									2070	
	40A 4P 100mA ELCB-3	7	R3	25A TP	6	6	FAC-03																1		6680	2227			UVR+TIMER+CONTACTOR
		8	Y3																								2227		
		9	B3																									2226	
	40A 4P 100mA ELCB-4	10	R4	40A TP	10	10	FAC-04																1		17100	5700			UVR+TIMER+CONTACTOR
		11	Y4		xlpe																						5700		
		12	B4																									5700	
	40A 4P 100mA ELCB-5	13	R5	32A TP	6	6	FAC-05																1		8170	2723			UVR+TIMER+CONTACTOR
		14	Y5		xlpe																						2723		
		15	B5																									2724	
	40A 4P 100mA ELCB-6	16	R6	25A TP	6	6	FAC-06																1		6680	2227			UVR+TIMER+CONTACTOR
		17	Y6																								2227		
		18	B6																									2226	
																								TOTAL		17017.00	17017.00	17016.00	WATTS
CABLE SIZE : 4CX50 mm2 XLPE/SWA PVC+ECC 1CX25 mm2								TOTAL																	51.05		KW		

PROJECT:	B+G+1 VILLA	LOAD DISTRIBUTION SCHEDULE	PROJ LOCATION:	
DB NO.:	DB-DR	(3-PHASE)	DB LOCATION:	DRIVER ROOM
FED FROM:	MDB-MHD	CONSULTANT : ARCHDOME		PLOT NO:
INCOMER - 40A TP ISOLATOR		CLIENT :	*SHEET 1 OF 1*	

RATING OF INCOMER	RATING OF ELCB	SL. NO.	CIR. NO.	MCB RTG. IN AMPS.	CCT WORE SIZE mm2	ECC WIRE SIZE mm2	ROOM / AREA	CONNECTED LOADS / POINTS																				WATTS PER UNIT	LOAD PER CIRCUIT - WATTS			REMARKS
								LTG	COVER	SHAVER	EX. FAN	15A S/O	13A SPUR	13A S/O	13A twin S/O	20AAWM/D	W/H	DOOR BELL	COO-KER	D/W	W/M	HOOD	CR/MTR	A/C	ISO.	FCU		R	Y	B	
40A TP ISOLATOR	40A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	CAR GARAGE	2																			100	200			
		2	Y1	10	2.5	2.5	DRIVER ROOM	5																			100		500		
		3	B1	10	2.5	2.5	EXTERNAL WALL LIGHTS	7																			50			350	TIMER+OVER RIDE SWITCH
		4	R2	10	2.5	2.5	EXTERNAL WALL LIGHTS	5																			50	250			TIMER+OVER RIDE SWITCH
		5	Y2	10	2.5	2.5	EXTERNAL BOLLARD LIGHTS	13																			50		650		TIMER+OVER RIDE SWITCH
		6	B2	10	2.5	2.5	EXTERNAL WALL LIGHTS	3																			50			150	TIMER+OVER RIDE SWITCH
	40A 4P 30mA ELCB-2	7	R3	20	4	4	CAR GARAGE							3													200	600			
		8	Y3	20	4	4	DRIVER ROOM							2	1												200/400		800		
		9	B3	20	4	4	STORAGE							1													200			200	
	40A 4P 30mA ELCB-3	10	R4	20	4	4	DRIVER ROOM																		1		1000	1000			20A SP ISO
		11	Y4	-	-	-	SPACE																								
		12	B4	20	-	-	SPARE																							500	FUTURE LOAD
	40A 4P 100mA ELCB-4	13	R5	20	4	4	CAR GARAGE ROLLER SHUTTER																		1		500 ~~1000~~	500			
		14	Y5	20	-	-	SPARE																						500		FUTURE LOAD
		15	B5	32	4	4	DRIVER ROOM SPLIT AC																		1		1360			1360	UVR+T+C
	40A 4P 100mA ELCB-5	16	R6	10	2.5	2.5	EXTERNAL BOLLARD LIGHTS	6																			50	350			TIMER+OVER RIDE SWITCH
		17	Y6	10	2.5	2.5	GATE LIGHT	2																			100		200		TIMER+OVER RIDE SWITCH
		18	B6	10	2.5	2.5	EXTERNAL LIGHTS	7																			50			350	TIMER+OVER RIDE SWITCH
																											TOTAL	2900.00	2650.00	2910.00	WATTS
CABLE SIZE : 4CX10 mm2 XLPE/SWA PVC+ECC 1CX10 mm2														TOTAL													8.46		KW		



MDB-MHD

TOTAL CONNECTED LOAD = 227.77 kW
DIVERSITY FACTOR = 0.85
MAXIMUM DEMAND LOAD = 193.60 kW
LOCATION = COMPOUND WALL

LEGEND:

- MOLDED CASE CIRCUIT BREAKER (MCCB)
- A AMMETER
- V VOLTMETER
- POWER FACTOR METER
- PHASE INDICATOR LIGHT
- M C.T OPERATED kWH METER IN CABINET
- EARTH PIT

Single Line Diagram

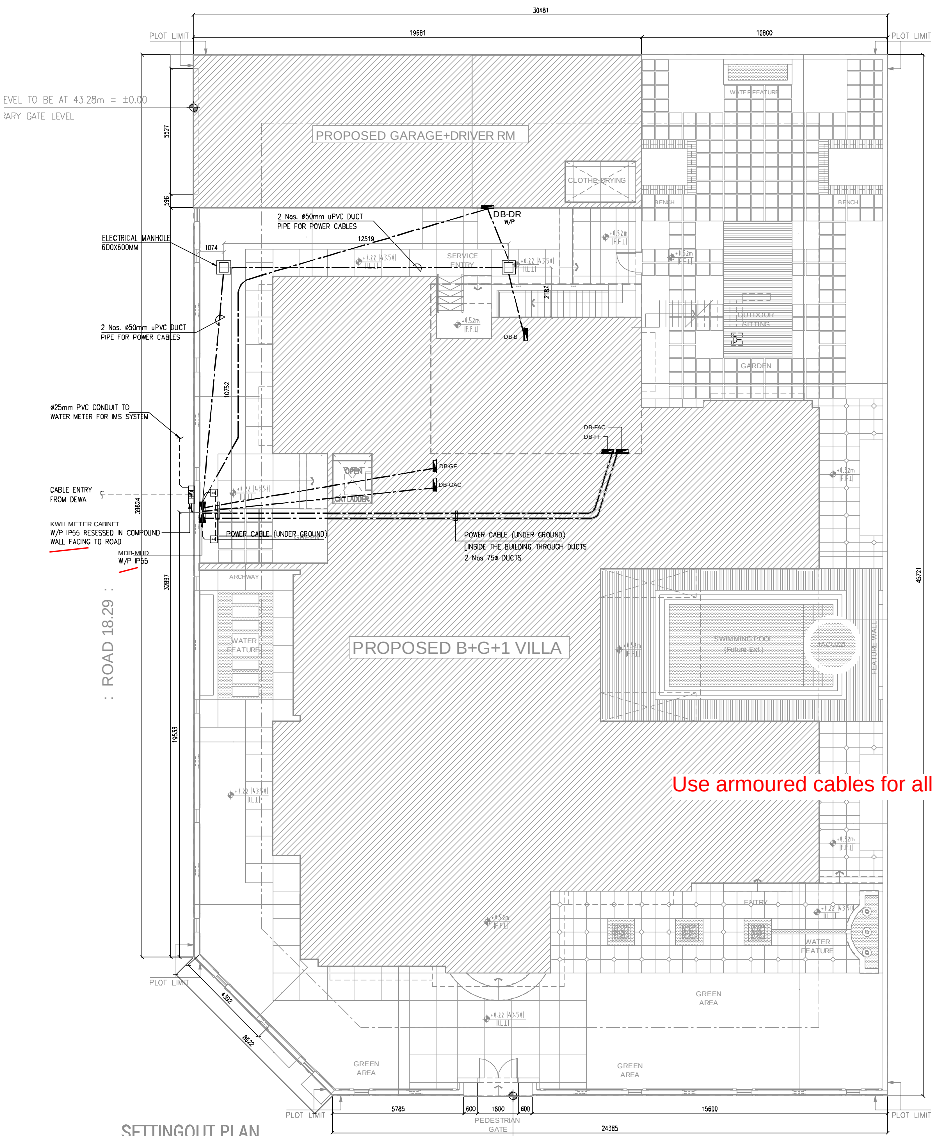
GENERAL NOTES:

CONSULTANT

SUBMITTAL NO :
A APPROVED
B APPROVED AS NOTED
C REVISE AND RESUBMITTING
D REJECTED
DATE : ..... SIGNATURE : .....

DRAWING TITLE
ELECTRICAL POWER
SINGLE LINE DIAGRAM

DRAWING NO.				REVISION 01
ARJ-MJ20-MHD-EL-06				
PROJECT NO.	DATE	SCALE	DRAWN	CHKD	DR. NO.
	DARGHT	N.T.S.			LOPT-
			SUBMITTAL DATE		



Use armoured cables for all underground services

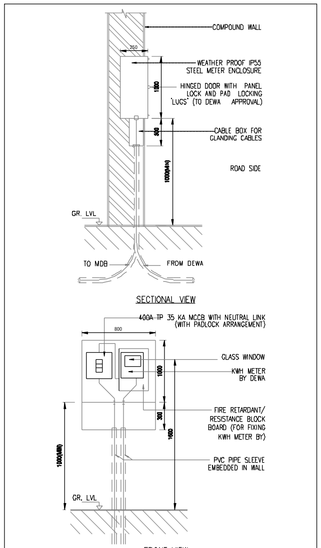
SETTINGOUT PLAN

SCALE = 1:100

GATE LEVEL TO BE AT 43.50m = +0.22

TEMPORARY GATE LEVEL

: ROAD 36.58 :



INSTALLATION OF METER ENCLOSURE ARRANGEMENT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

CONSULTANT

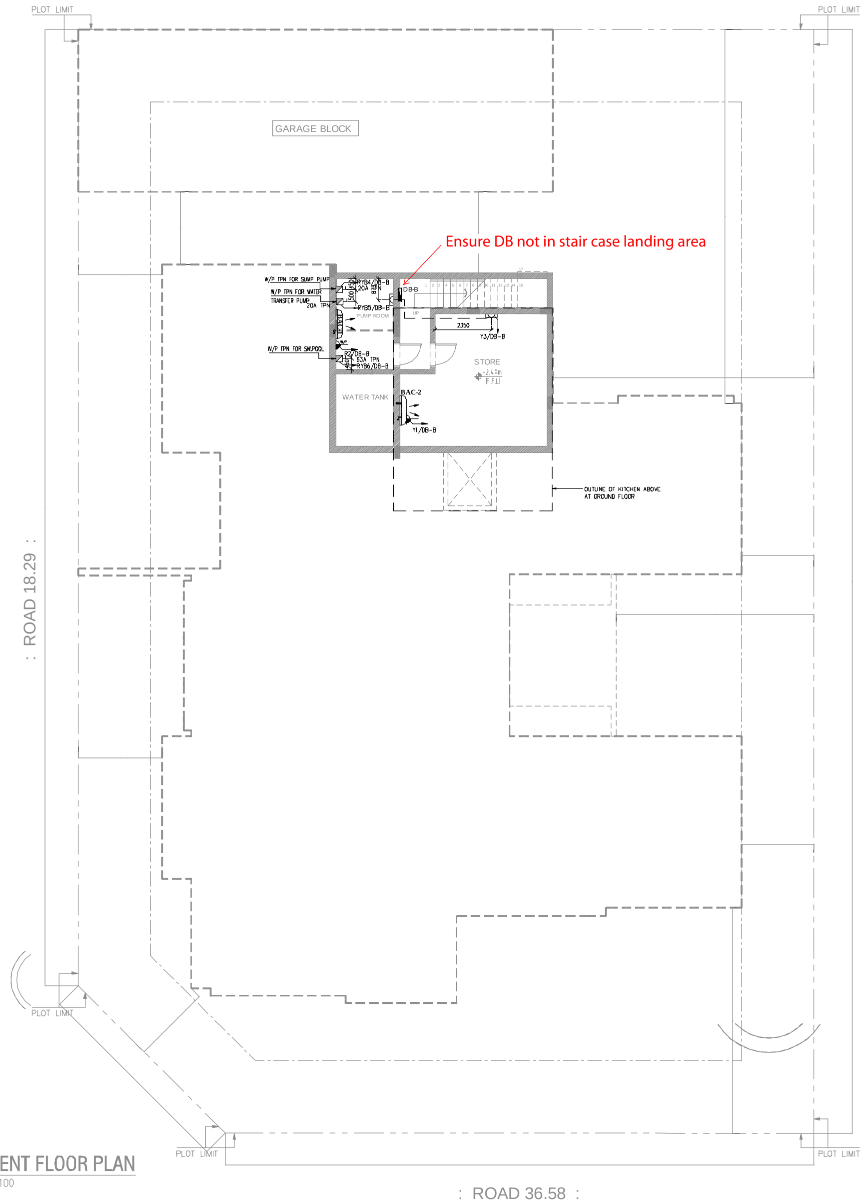
SUBMITTAL NO :

A APPROVED
B APPROVED AS NOTED
C REVISE AND RESUBMITTING
D REJECTED

DATE : .... SIGNATURE : ....

SETTING OUT PLAN
POWER LAYOUT

DRAWING No.	ARJ-MJ20-MHD-EP-01					REVISION 00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1
			SUBMITTAL DATE			



BASEMENT FLOOR PLAN

SCALE = 1:100

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
4. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
5. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
6. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
7. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
8. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

POWER LEGEND

SYMBOL	DESCRIPTION
	13A SINGLE, SWITCHED SOCKET OUTLET
	FLOOR BOX 13A SINGLE SOCKET OUTLET
	13A DOUBLE, SWITCHED SOCKET OUTLET
	13A WP SINGLE, SWITCHED SOCKET OUTLET
	20A SOCKET OUTLET FOR DW/WM/DRYER
	15A SWITCHED SOCKET OUTLET
	13A SHAVER SOCKET OUTLET WITH ISOLATING TRANSFORMERS
	FUSED CONNECTION
	WP, SP, ISOLATOR
	WP, TP, ISOLATOR
	45 AMPS COOKER CONTROL UNIT & OUTLET
	20A DP SWITCH WITH NEON INDICATOR WH/DW/WM/DRYER
	20A FLEX OUTLET FOR WATER HEATER
	MAIN DISTRIBUTION BOARD (MDB)
	DISTRIBUTION BOARD (DB), MCB
M	ELECTRICAL METER (INTELIGENT METERING SYSTEM)

CONSULTANT

SUBMITTAL NO :

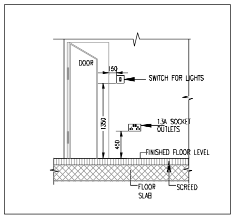
- [ ] A APPROVED
- [ ] B APPROVED AS NOTED
- [ ] C REVISE AND RESUBMITTING
- [ ] D REJECTED

DATE : ....SIGNATURE : ....

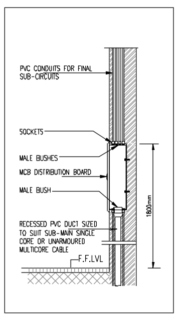
DRAWING TITLE

BASEMENT FLOOR PLAN
POWER LAYOUT

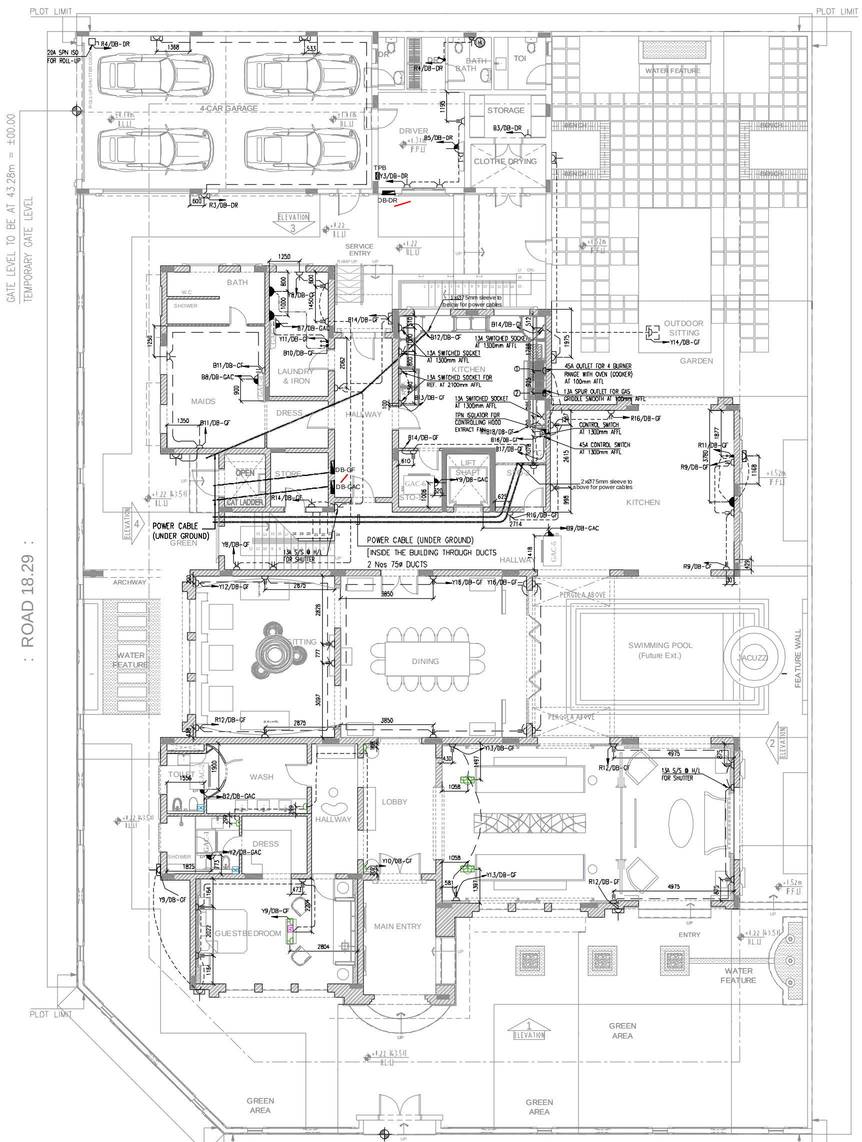
DRAWING No.						REVISION
ARJ-MJ20-MHD-EP-02						00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1
				SUBMITTAL DATE		



STD. MOUNTING HEIGHT OF SWITCH & OUTLETS



RECESSED (BOTTOM ENTRY) DISTRIBUTION BOARD(TYP)



KITCHEN EQUIPMENT SCHEDULE

① 4 BURNER RANGE WITH OVEN1

② GAS GRIDDLE SMOOTH

GROUND FLOOR PLAN

SCALE = 1:100

GATE LEVEL TO BE AT 43.50m = +0.22

TEMPORARY GATE LEVEL

: ROAD 36.58 :

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

REFERENCE DRAWINGS:-

1) KITCHEN EQUIPMENT LAYOUT
   DWG.NO. JETS-AGV-MEP-2014-00 REV.00
2) MR.MOHD GHOBASH VILLA-GROUND FLOOR
   ELECTRICAL PLAN DATE.02.10.2014
3) G+1 VILLA AC LAYOUT- GROUND FLOOR
   DWG. No. AC-01 DATE 07.03.2016 REV-14

POWER LEGEND

SYMBOL	DESCRIPTION
	13A SINGLE, SWITCHED SOCKET OUTLET
	FLOOR BOX 13A SINGLE SOCKET OUTLET
	13A DOUBLE, SWITCHED SOCKET OUTLET
	13A WP SINGLE, SWITCHED SOCKET OUTLET
	20A SOCKET OUTLET FOR DW/WM/DRYER
	15A SWITCHED SOCKET OUTLET
	13A SHAVER SOCKET OUTLET WITH ISOLATING TRANSFORMERS
	FUSED CONNECTION
	13A UNSWITCHED SPUR OUTLET
	WP, SP, ISOLATOR
	WP, TP, ISOLATOR
	45 AMPS. COOKER CONTROL UNIT & OUTLET
	20A DP SWITCH WITH NEON INDICATOR WH/DW/WM/DRYER
H	20A FLEX OUTLET FOR WATER HEATER
	45A OUTLET FOR 4 BURNER RANGE WITH OVEN
	45A SWITCH FOR 4 BURNER RANGE WITH OVEN
	MAIN DISTRIBUTION BOARD (MDB)
	DISTRIBUTION BOARD (DB), MCB
M	ELECTRICAL METER (INTELIGENT METERING SYSTEM)

CONSULTANT

SUBMITTAL NO :

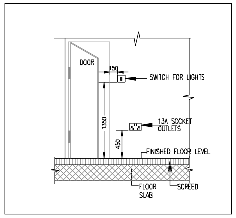
- [ ] A APPROVED
- [ ] B APPROVED AS NOTED
- [ ] C REVISE AND RESUBMITTING
- [ ] D REJECTED

DATE : ....SIGNATURE.: ....

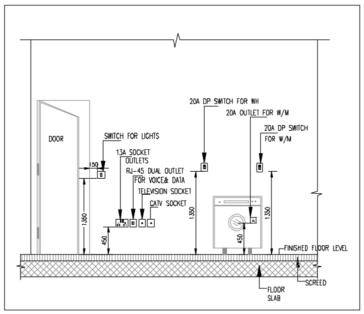
GROUND FLOOR PLAN

POWER LAYOUT

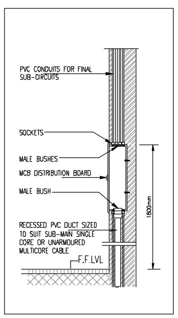
DRAWING No.	ARJ-MJ20-MHD-EP-03					REVISION 00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1
				SUBMITTAL DATE		



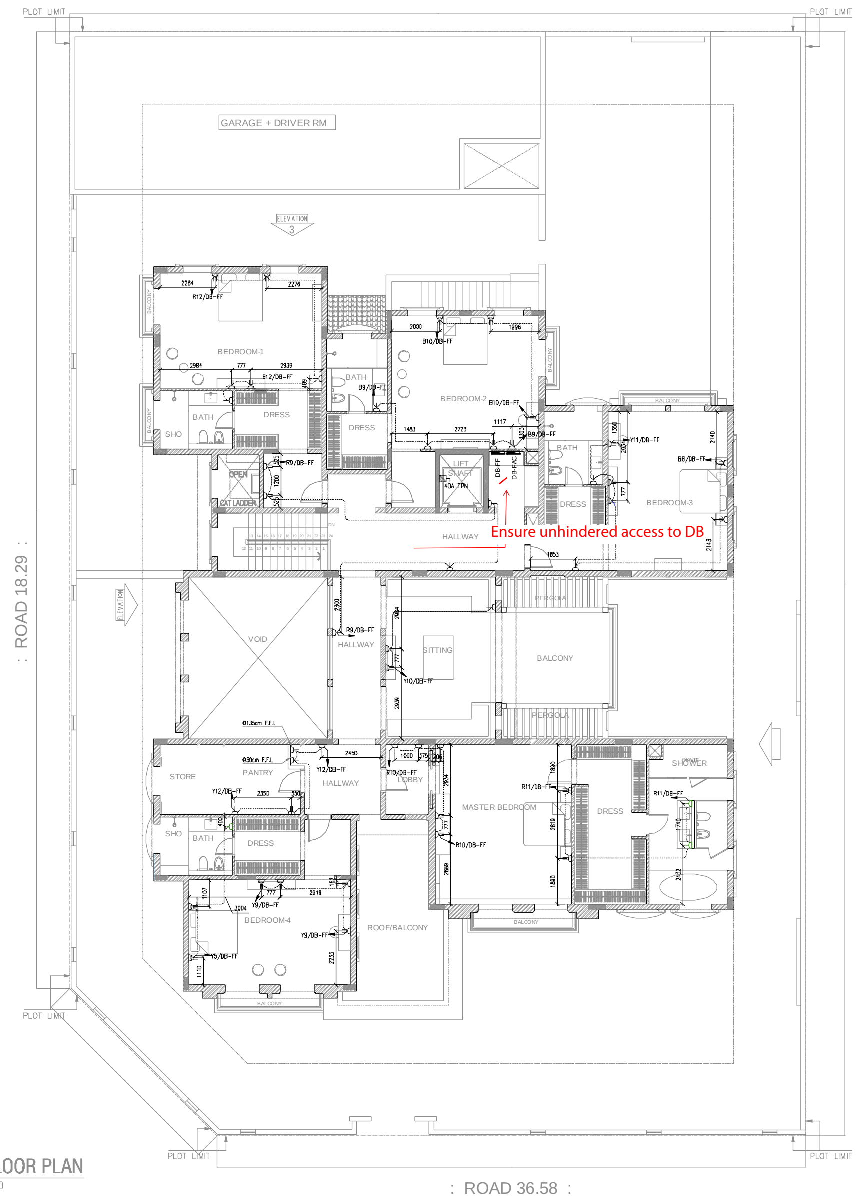
STD. MOUNTING HEIGHT
OF SWITCH & OUTLETS



STD. MOUNTING HEIGHT
FOR OUTLETS(TYP)



RECESSED (BOTTOM ENTRY)
DISTRIBUTION BOARD(TYP)



FIRST FLOOR PLAN
SCALE = 1:100

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-1D4
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

REFERENCE DRAWINGS:-

1) MR.MOHD GHOBASH VILLA-FIRST FLOOR ELECTRICAL PLAN DATE.02.10.2014
2) G+1 VILLA AC LAYOUT- FIRST FLOOR DWG. No. AC-02 DATE 07.03.2016 REV-16

POWER LEGEND

SYMBOL	DESCRIPTION
	13A SINGLE, SWITCHED SOCKET OUTLET
	FLOOR BOX 13A SINGLE SOCKET OUTLET
	13A DOUBLE, SWITCHED SOCKET OUTLET
	13A WP SINGLE, SWITCHED SOCKET OUTLET
	20A SOCKET OUTLET FOR DW/WM/DRYER
	15A SWITCHED SOCKET OUTLET
	13A SHAVER SOCKET OUTLET WITH ISOLATING TRANSFORMERS
	FUSED CONNECTION
	WP, SP, ISOLATOR
	WP, TP, ISOLATOR
	45 AMPS. COOKER CONTROL UNIT & OUTLET
	20A DP SWITCH WITH NEON INDICATOR WH/DW/WM/DRYER
	20A FLEX OUTLET FOR WATER HEATER
	MAIN DISTRIBUTION BOARD (MDB)
	DISTRIBUTION BOARD (DB), MCB
M	ELECTRICAL METER (INTELIGENT METERING SYSTEM)

CONSULTANT

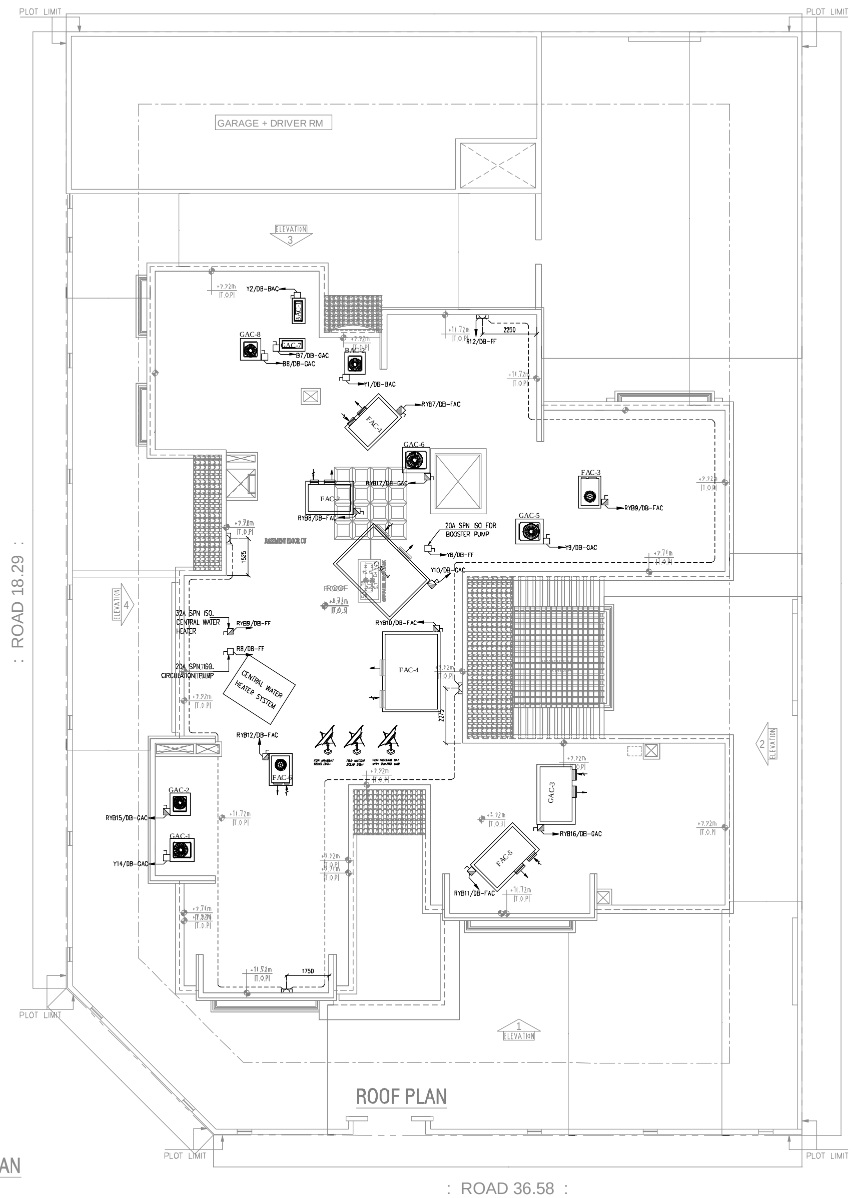
SUBMITTAL NO :

- ☐ A APPROVED
- ☐ B APPROVED AS NOTED
- ☐ C REVISE AND RESUBMITTING
- ☐ D REJECTED

DATE : ....SIGNATURE : ....

FIRST FLOOR PLAN
POWER LAYOUT

DRAWING No.	ARJ-MJ20-MHD-EP-04					REVISION 00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1
			SUBMITTAL DATE			



ROOF PLAN

SCALE = 1:100

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISD. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

REFERENCE DRAWINGS:-

1) G+1 VILLA AC LAYOUT- ROOF FLOOR
DWG. No. AC-02 DATE 07.03.2016 REV-16

POWER LEGEND

SYMBOL	DESCRIPTION
	13A SINGLE, SWITCHED SOCKET OUTLET
	FLOOR BOX 13A SINGLE SOCKET OUTLET
	13A DOUBLE, SWITCHED SOCKET OUTLET
	13A WP SINGLE, SWITCHED SOCKET OUTLET
	20A SOCKET OUTLET FOR DW/WM/DRYER
	15A SWITCHED SOCKET OUTLET
	13A SHAVER SOCKET OUTLET WITH ISOLATING TRANSFORMERS
	FUSED CONNECTION
	WP, SP, ISOLATOR
	WP, TP, ISOLATOR
	45 AMPS. COOKER CONTROL UNIT & OUTLET
	20A DP SWITCH WITH NEON INDICATOR WH/DW/WM/DRYER
	20A FLEX OUTLET FOR WATER HEATER
	MAIN DISTRIBUTION BOARD (MDB)
	DISTRIBUTION BOARD (DB), MCB
M	ELECTRICAL METER (INTELIGENT METERING SYSTEM)

CONSULTANT

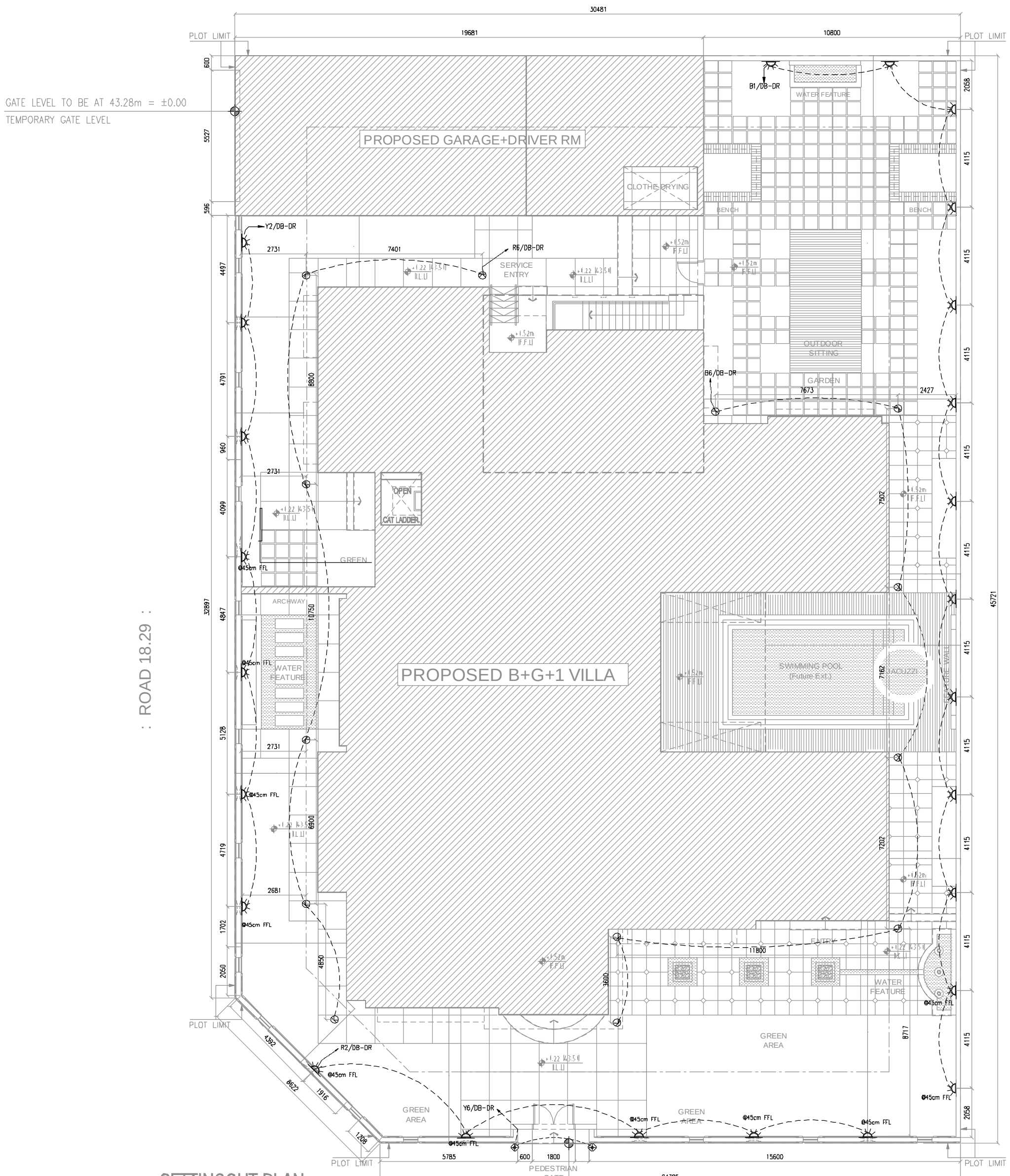
SUBMITTAL NO :

- A APPROVED
- B APPROVED AS NOTED
- C REVISE AND RESUBMITTING
- D REJECTED

DATE : .... SIGNATURE : ....

ROOF FLOOR PLAN
POWER LAYOUT

DRAWING No.	ARJ-MJ20-MHD-EP-05					REVISION 00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1
				SUBMITTAL DATE		



SETTINGOUT PLAN
SCALE = 1:100

GATE LEVEL TO BE AT 43.50m = +0.22
TEMPORARY GATE LEVEL

: ROAD 36.58 :

NOTES:
* ALL EXTERNAL LIGHTS SHALL BE CONTROLLED BY TIMER AND OVER RIDE SWITCH FROM DRIVER ROOM

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

LIGHTING LEGEND

SYMBOL	DESCRIPTION
	1 X 36W FLUORESCENT LIGHT FITTING
	1 X 36W FLUORESCENT LIGHT FITTING WP
	60x60 T5 FLOURESCENT LIGHT FITTINGS IP44
	2x13 DOWN LIGHT WP
	2x26 RECESSED DOWN LIGHT
	BATH ROOM/TOILET LIGHT FITTING
	BATH ROOM/TOILET SPOT LIGHT
	SPOT LIGHT
	SURFACE MOUNTED LIGHT FITTING
	FENCE LIGHT FITTING
	RECESSED UPLIGHT W/P
	CHANDELIER PENDANT TYPE (300 WATTS)
	CHANDELIER PENDANT TYPE (200 WATTS)
	BRACKET LIGHT FITTING
	BRACKET LIGHT WP
	100W WALL LIGHT FITTING WP
	MECHANICAL VENTILATION
	KITCHEN HOOD
	DOOR BELL
	DOOR BELL BUTTON
	ONE GANG ONE WAY SWITCH
	TWO GANG ONE WAY SWITCH
	THREE GANG ONE WAY SWITCH
	ONE GANG TWO WAY SWITCH
	ONE GANG THREE WAY SWITCH
	TWO GANG TWO WAY SWITCH
	GRID SWITCH WITH PHASE BARRIER
	PUSH BUTTON
	SPOT LIGHT
	ONE GANG ONE WAY SWITCH

CONSULTANT

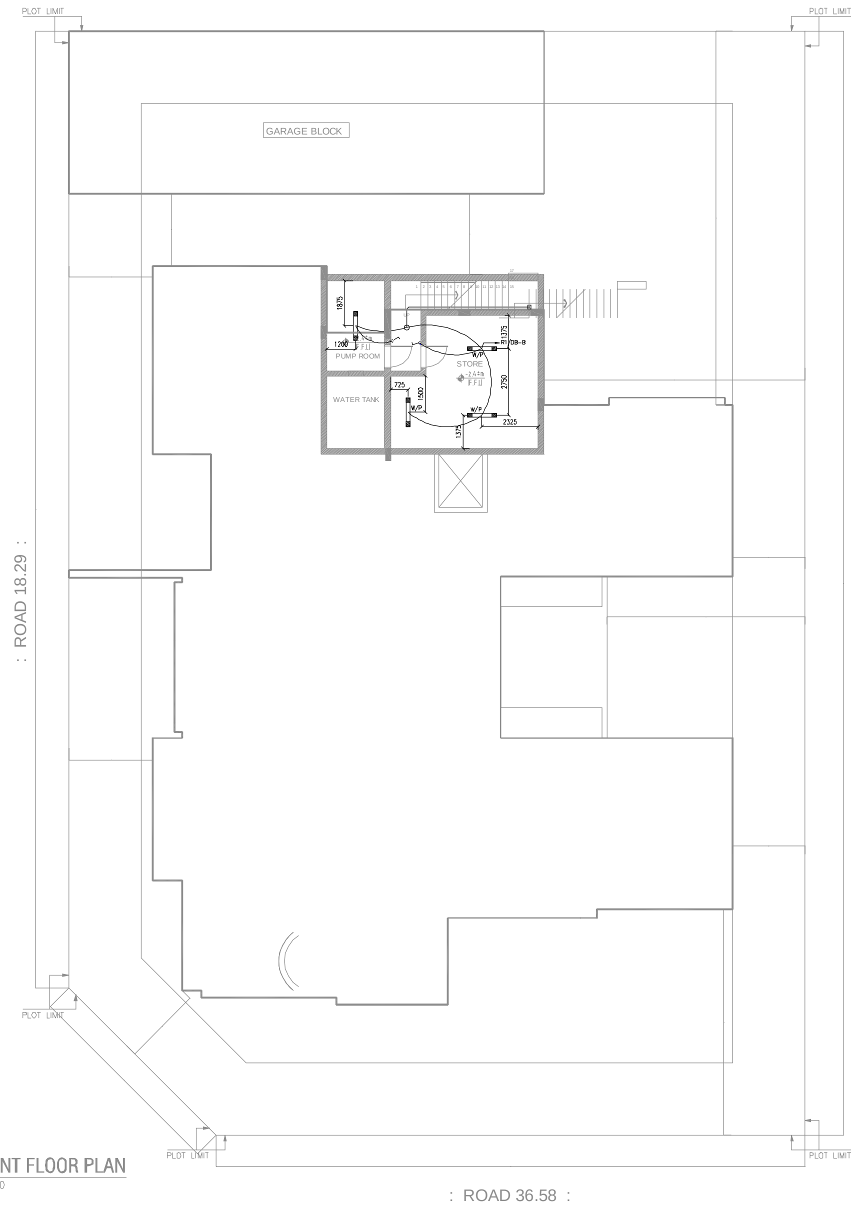
SUBMITTAL NO :

- [ ] A APPROVED
- [ ] B APPROVED AS NOTED
- [ ] C REVISE AND RESUBMITTING
- [ ] D REJECTED

DATE : ....SIGNATURE : ....

SETTING OUT PLAN
LIGHTING LAYOUT

DRAWING No.	ARJ-MJ20-MHD-LI-01					REVISION 00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1
				SUBMITTAL DATE		



BASEMENT FLOOR PLAN

SCALE = 1:100

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

LIGHTING LEGEND

SYMBOL	DESCRIPTION
	1 X 36W FLUORESCENT LIGHT FITTING
	1 X 36W FLUORESCENT LIGHT FITTING WP
	60x60 T5 FLOURESCENT LIGHT FITTINGS IP44
	2x13 DOWN LIGHT WP
	2x26 RECESSED DOWN LIGHT
	BATH ROOM/TOILET LIGHT FITTING
	BATH ROOM/TOILET SPOT LIGHT
	SPOT LIGHT
	SURFACE MOUNTED LIGHT FITTING
	FENCE LIGHT FITTING
	RECESSED UPLIGHT W/P
	CHANDELIER PENDANT TYPE (300 WATTS)
	CHANDELIER PENDANT TYPE (200 WATTS)
	BRACKET LIGHT FITTING
	BRACKET LIGHT WP
	100W WALL LIGHT FITTING WP
	MECHANICAL VENTILATION
	KITCHEN HOOD
	DOOR BELL
	DOOR BELL BUTTON
	ONE GANG ONE WAY SWITCH
	TWO GANG ONE WAY SWITCH
	THREE GANG ONE WAY SWITCH
	ONE GANG TWO WAY SWITCH
	ONE GANG THREE WAY SWITCH
	TWO GANG TWO WAY SWITCH
	GRID SWITCH WITH PHASE BARRIER
	PUSH BUTTON
	SPOT LIGHT
	ONE GANG ONE WAY SWITCH

CONSULTANT

SUBMITTAL NO :

- A APPROVED
- B APPROVED AS NOTED
- C REVISE AND RESUBMITTING
- D REJECTED

DATE : .... SIGNATURE : ....

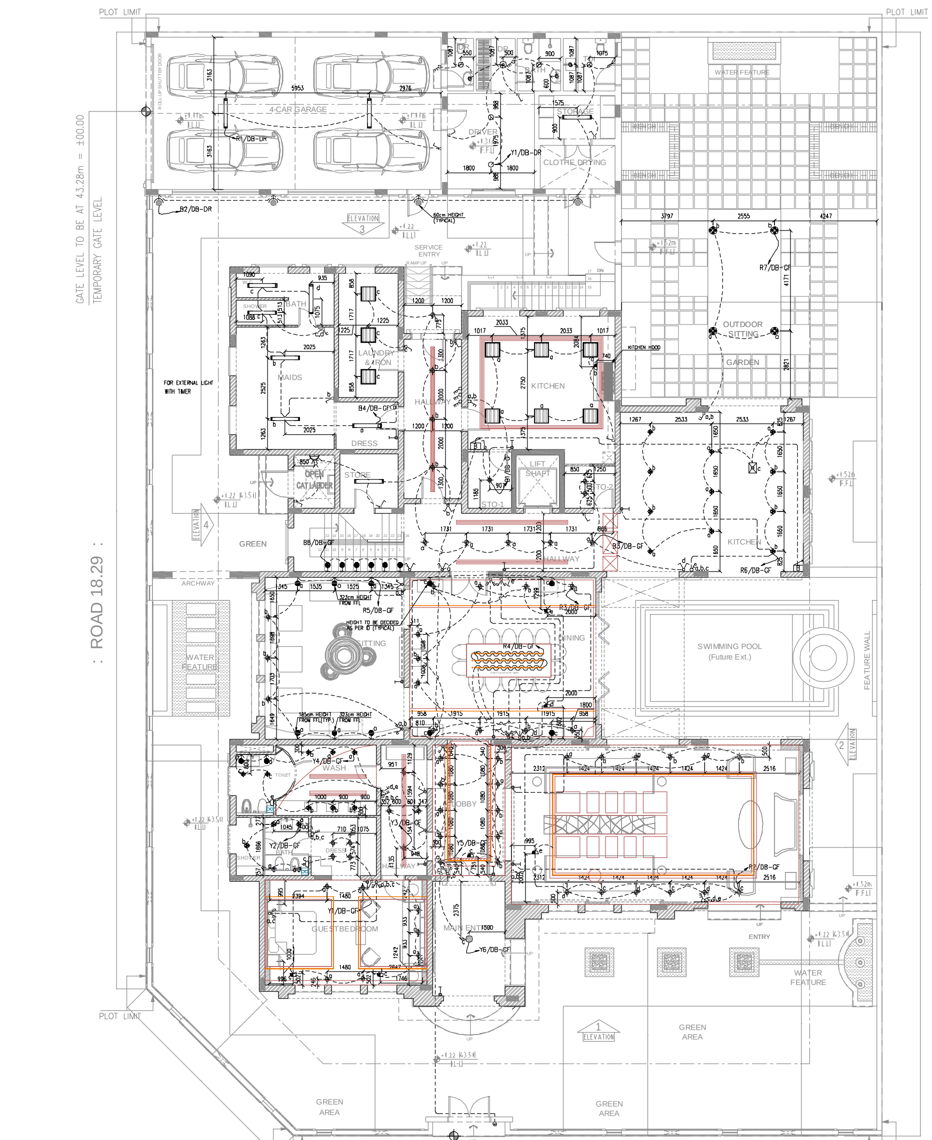
REV.	DATE	DRAWN	CHKD	MODIFICATIONS
00	02.02.2017			ISSUED FOR APPROVAL

REVISION DETAILS

BASEMENT FLOOR PLAN
LIGHTING LAYOUT

DRAWING No.						REVISION
ARJ-MJ20-MHD-LI-02						00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1

SUBMITTAL DATE



GROUND FLOOR PLAN

SCALE = 1:100

GATE LEVEL TO BE AT 43.50m = +0.22
TEMPORARY GATE LEVEL

: ROAD 36.58 :

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	1 X 36W FLUORESCENT LIGHT FITTING
	1 X 36W FLUORESCENT LIGHT FITTING WP
	60x60 T5 FLOURESCENT LIGHT FITTINGS IP44
	2x13 DOWN LIGHT WP
	2x26 RECESSED DOWN LIGHT
	BATH ROOM/TOILET LIGHT FITTING
	BATH ROOM/TOILET SPOT LIGHT
	SPOT LIGHT
	SURFACE MOUNTED LIGHT FITTING
	FENCE LIGHT FITTING
	RECESSED UPLIGHT W/P
	CHANDELIER PENDANT TYPE (300 WATTS)
	CHANDELIER PENDANT TYPE (200 WATTS)
	BRACKET LIGHT FITTING
	BRACKET LIGHT WP
	WALL MOUNTED LIGHT
	100W WALL LIGHT FITTING WP
	13A UNSWITCHED FUSED SPUR OUTLET FOR KITCHEN HOOD LIGHT AND COVE LIGHT
	POWER OUTLET FOR EXHAUST FAN
	MECHANICAL VENTILATION
	KITCHEN HOOD
	DOOR BELL
	DOOR BELL BUTTON
	ONE GANG ONE WAY SWITCH
	TWO GANG ONE WAY SWITCH
	THREE GANG ONE WAY SWITCH
	ONE GANG TWO WAY SWITCH
	THREE GANG TWO WAY SWITCH
	TWO GANG TWO WAY SWITCH
	GRID SWITCH WITH PHASE BARRIER
	PUSH BUTTON
	SPOT LIGHT
	ONE GANG ONE WAY SWITCH
	MASTER SWITCH

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-1D4
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

REFERENCE DRAWINGS:-

1) KITCHEN EQUIPMENT LAYOUT
   DWG.NO. JETS-AGV-MEP-2014-00 REV.00
2) MR.MOHD GHOBASH VILLA-GROUND FLOOR
   CEILING PLAN DATE.02.10.2014

CONSULTANT

SUBMITTAL NO :

- [ ] A APPROVED
- [ ] B APPROVED AS NOTED
- [ ] C REVISE AND RESUBMITTING
- [ ] D REJECTED

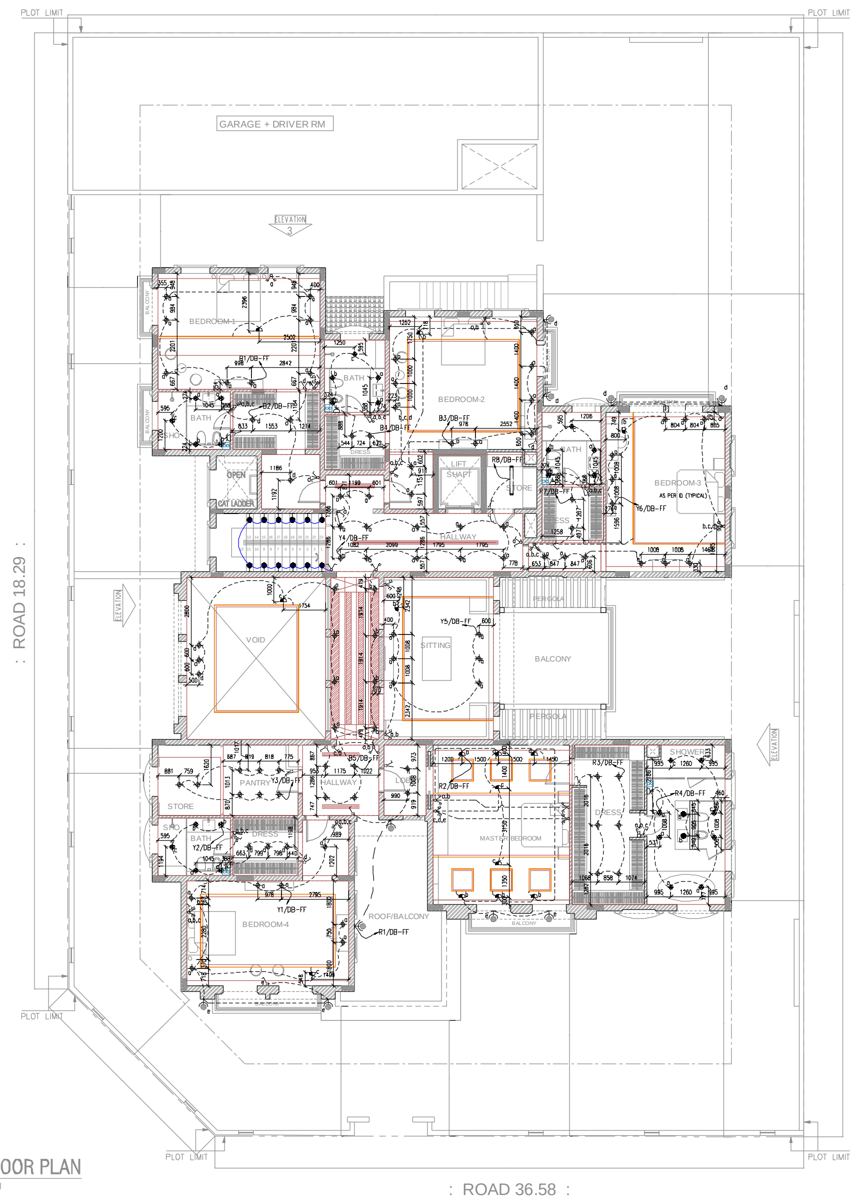
DATE : ....SIGNATURE : ....

DRAWING TITLE

GROUND FLOOR PLAN
LIGHTING LAYOUT

DRAWING No.	ARJ-MJ20-MHD-LI-03					REVISION 00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF 1

SUBMITTAL DATE



FIRST FLOOR PLAN

SCALE = 1:100

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	1 X 36W FLUORESCENT LIGHT FITTING
	1 X 36W FLUORESCENT LIGHT FITTING WP
	60x60 T5 FLOURESCENT LIGHT FITTINGS IP44
	2x13 DOWN LIGHT WP
	2x26 RECESSED DOWN LIGHT
	BATH ROOM/TOILET LIGHT FITTING
	BATH ROOM/TOILET SPOT LIGHT
	SPOT LIGHT
	SURFACE MOUNTED LIGHT FITTING
	FENCE LIGHT FITTING
	RECESSED UPLIGHT W/P
	CHANDELIER PENDANT TYPE (300 WATTS)
	CHANDELIER PENDANT TYPE (200 WATTS)
	BRACKET LIGHT FITTING
	BRACKET LIGHT WP
	WALL MOUNTED LIGHT
	100W WALL LIGHT FITTING WP
	13A UNSWITCHED FUSED SPUR OUTLET FOR KITCHEN HOOD LIGHT AND COVE LIGHT
	POWER OUTLET FOR EXHAUST FAN
	MECHANICAL VENTILATION
	KITCHEN HOOD
	DOOR BELL
	DOOR BELL BUTTON
	ONE GANG ONE WAY SWITCH
	TWO GANG ONE WAY SWITCH
	THREE GANG ONE WAY SWITCH
	ONE GANG TWO WAY SWITCH
	THREE GANG TWO WAY SWITCH
	TWO GANG TWO WAY SWITCH
	GRID SWITCH WITH PHASE BARRIER
	PUSH BUTTON
	SPOT LIGHT
	ONE GANG ONE WAY SWITCH

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
   - CIRCUIT REFERENCE
4. HEIGHT & LOCATION OF ISOLATORS TO BE COORDINATED ON SITE
5. FINAL LOCATION OF ALL ISO. SHALL BE AS PER APPROVED A/C LAYOUT
6. FINAL RATING OF ALL ISO. SHALL BE AS PER APPD. DEWA L.SCHEDULE
7. ALL WIRE,CABLE SIZE & PHACE SHALL BE FINAL LOAD SCHEDULE

REFERENCE DRAWINGS:-

1) MR.MOHD GHOBASH VILLA-FIRST FLOOR CEILING PLAN DATE.02.10.2014

CONSULTANT

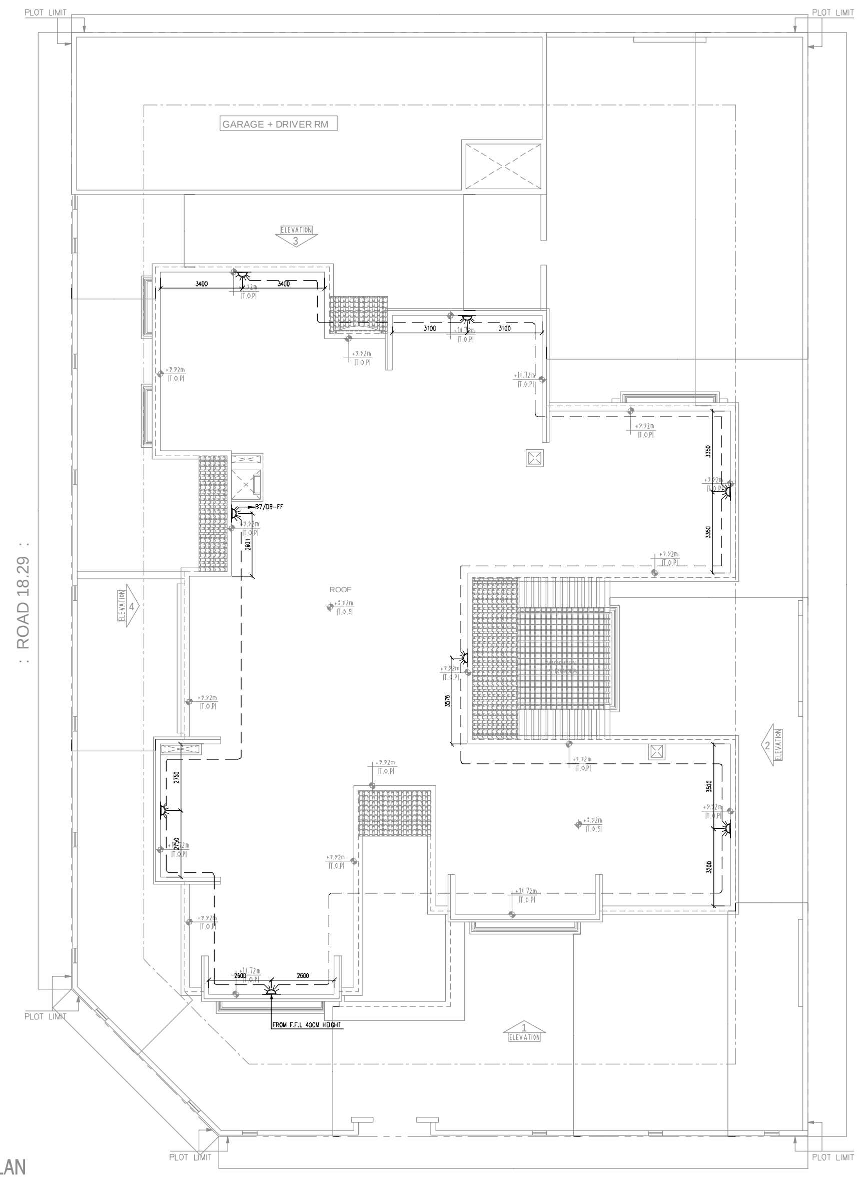
SUBMITTAL NO :

- A APPROVED
- B APPROVED AS NOTED
- C REVISE AND RESUBMITTING
- D REJECTED

DATE : .... SIGNATURE : ....

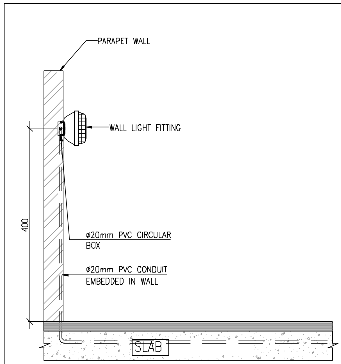
FIRST FLOOR PLAN
LIGHTING LAYOUT

DRAWING No.						REVISION
ARJ-MJ20-MHD-LI-04						00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100@A1			-	1 OF 1
			SUBMITTAL DATE			



ROOF PLAN
SCALE = 1:100

: ROAD 36.58 :



TYP.INSTALLATION DETAILS FOR PARAPET LIGHT
(SCALE-N.T.S)

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
2. ALL HEIGHTS SHALL BE FROM FINISHED FLOOR LEVEL.
3. R1/DB-104
   - BOARD LOCATION (FLOOR REFERENCE)
   - BOARD REFERENCE (NON-ESSENTIAL)
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LIGHTING LEGEND

SYMBOL	DESCRIPTION
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	FENCE LIGHT FITTING
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	CHANDELIER PENDANT TYPE (300 WATTS)
	CHANDELIER PENDANT TYPE (200 WATTS)
	BRACKET LIGHT FITTING
	BRACKET LIGHT WP
	100W WALL LIGHT FITTING WP
	MECHANICAL VENTILATION
	KITCHEN HOOD
	DOOR BELL
	DOOR BELL BUTTON
	ONE GANG ONE WAY SWITCH
	TWO GANG ONE WAY SWITCH
	THREE GANG ONE WAY SWITCH
	ONE GANG TWO WAY SWITCH
	ONE GANG THREE WAY SWITCH
	TWO GANG TWO WAY SWITCH
	GRID SWITCH WITH PHASE BARRIER
	PUSH BUTTON

CONSULTANT

SUBMITTAL NO :

- A APPROVED
- B APPROVED AS NOTED
- C REVISE AND RESUBMITTING
- D REJECTED

DATE : .... SIGNATURE : ....

ROOF FLOOR PLAN
LIGHTING LAYOUT

DRAWING No.						REVISION
ARJ-MJ20-MHD-LI-05						00
PROJECT No.	DATE	SCALE	DRAWN	CHKD		SH. No.
	02-02-2017	1:100 @A1			-	1 OF1
				SUBMITTAL DATE		