DB-OFFICE

LOCATION: OFFICE

MCB 10 WAYS TPN — 3 Nos. 63A HRC FUSES + ISOLATOR 100A TPN

LIGHT SECTION — C.O.E.L.C.B. 40A, 300mA 4 POLE

CR No	Phase	W.SIZE sq.mm	RATES AMP	LOCATION	TYPE OF LIGHT/POWER	NO. OF POINTS	CONTROLLED BY	R	Y	B
1	R	2.5	10	OFFICE BLDG.	LIGHT L02-L05	4(1x50)	SWITCH	**200**		
	Y	2.5	10	LAB	LIGHT L6-L7	2(1x50)+1(1X80)	SWITCH		**180**	
	B	2.5	10	TOILET/CORRIDOR	LIGHT L06,-L08	1(1x70)+1(1x50)+1 (1X80)	SWITCH			**200**
2	R	2.5	10	STORAGE	LIGHT L09-L10	2(1x50)	SWITCH	**100**		
	Y	2.5	10	OFFICE-CAR PARK	LIGHT L01	1(1x50)	SWITCH		**50**	
	B	-	10		SPARE					
3	R	2.5	15	RO PLANT BLDG.	LIGHT L13-L18	6(1x50)	SWITCH	**300**		
	Y	2.5	10		SPARE					
	B	-	10	RO PLANT BLDG.	LIGHT L11-L12	2(1x50)	SWITCH			**100**
POWER SECTION C.O.E.L.C.B 63A 30mA 4 POLE										
4	R	4.0	15	OFFICE	P01-P03	3(1x200)	SWITCHED	**600**		
	Y	4.0	15	OFFICE-LAB	P05	1(1x1000)	SWITCHED		**1000**	
	B	4.0	15	OFFICE-LAB	P06	1(1x1000)	SWITCHED			**1000**
5	R	4.0	15		SPARE					
	Y	4.0	15	OFFICE LAB	P04	1(1x200)	SWITCHED		**200**	
	B	4.0	15	OFFICE-STORAGE	P07	1(1x1000)	SWITCHED			**1000**
6	R	4.0	15		SPARE					
	Y	6.0	15		SPARE					
	B	6.0	15		SPARE					
7	R	6.0	20	OFFICE BLDG.	SU-01	1(1x2000)	JB+DP SWITCH	**2000**		
	Y	6.0	20	OFFICE BLDG.	SU-02	1(1x2000)	JB+DP SWITCH		**2000**	
	B	4.0	15		SPARE					
8	R	-	10		SPARE					
	Y	4.0	10	RO PLANT BLDG.	P11-P13	3(1x200)			**600**	
	B	4.0	10	RO PLANT BLDG.	P08-P09	3(1x200)				**600**
9	R	4.0	10		SPARE					
	Y	4.0	10		SPARE				-	
	B	4.0	10	RO PLANT-GENERATOR ROOM	BATTERY CHARGER	1(1x500)	15A SPN S/F			**500**
10	R	4.0	10		SPARE			-		
	Y	4.0	10		SPARE				-	
	B	4.0	10		SPARE					-
					TOTAL CONN. LOAD	**10.630 K.W.**		**3200**	**4030**	**3400**

DB-EX

2 WAYS TPN — 40A, TP, ISOLATOR

C.O.E.L.C.B. 40A, 300mA 4 POLE

CR No	Phase	W.SIZE sq.mm	MCB WITH	LOCATION	DESCRIPTION	NO. OF POINTS	CONTROLLED BY	R	Y	B
1	R	6.0	15A SP	EXTERNAL LIGHTS	EX1-EX4	4(1x90)	Controlled by 20A 2P contactor, Photocell and H-O-A selector	**360**		
	Y	6.0	15A SP	EXTERNAL LIGHTS	EX5-EX8	4(1x90)			**360**	
	B	6.0	15A SP	EXTERNAL LIGHTS	EX9-EX12	4(1x90)				**360**
2	R	-	15A SP		SPARE					
	Y	-	15A SP		SPARE					
	B	-	15A SP		SPARE					
					TOTAL CONN. LOAD	**01.080 K.W.**		**360**	**360**	**360**

REFERENCE DRAWINGS

SL.No.	DRAWING No.	DESCRIPTION

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
..	..	..	..	..	..
..	..	..	.	..	..
..	..	..	..	..	..
..	..	..	..	..	..
0	17-09-'15	DETAILED DESIGN SUBMISSION	BA	RDS	MA

REVISION

CLIENT

MINISTRY OF ENVIRONMENT & ENERGY
REPUBLIC OF MALDIVES

CONSULTANT: استشارى

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PROJECT:
Provision of Water Supply Facilities in 04 islands and Sewerage Facilities in 05 islands -
N.Velidhoo Island - Republic of Maldives

DRAWING TITTLE:
ELECTRICAL DB SCHEDULE

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
RDS	BA	RDS	MA	N.T.S	17-09-'15

PROJECT No.	SHEET No.	DRAWING No.
K-619	1 OF 1	NV-EL-108
REV. No.	0	

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