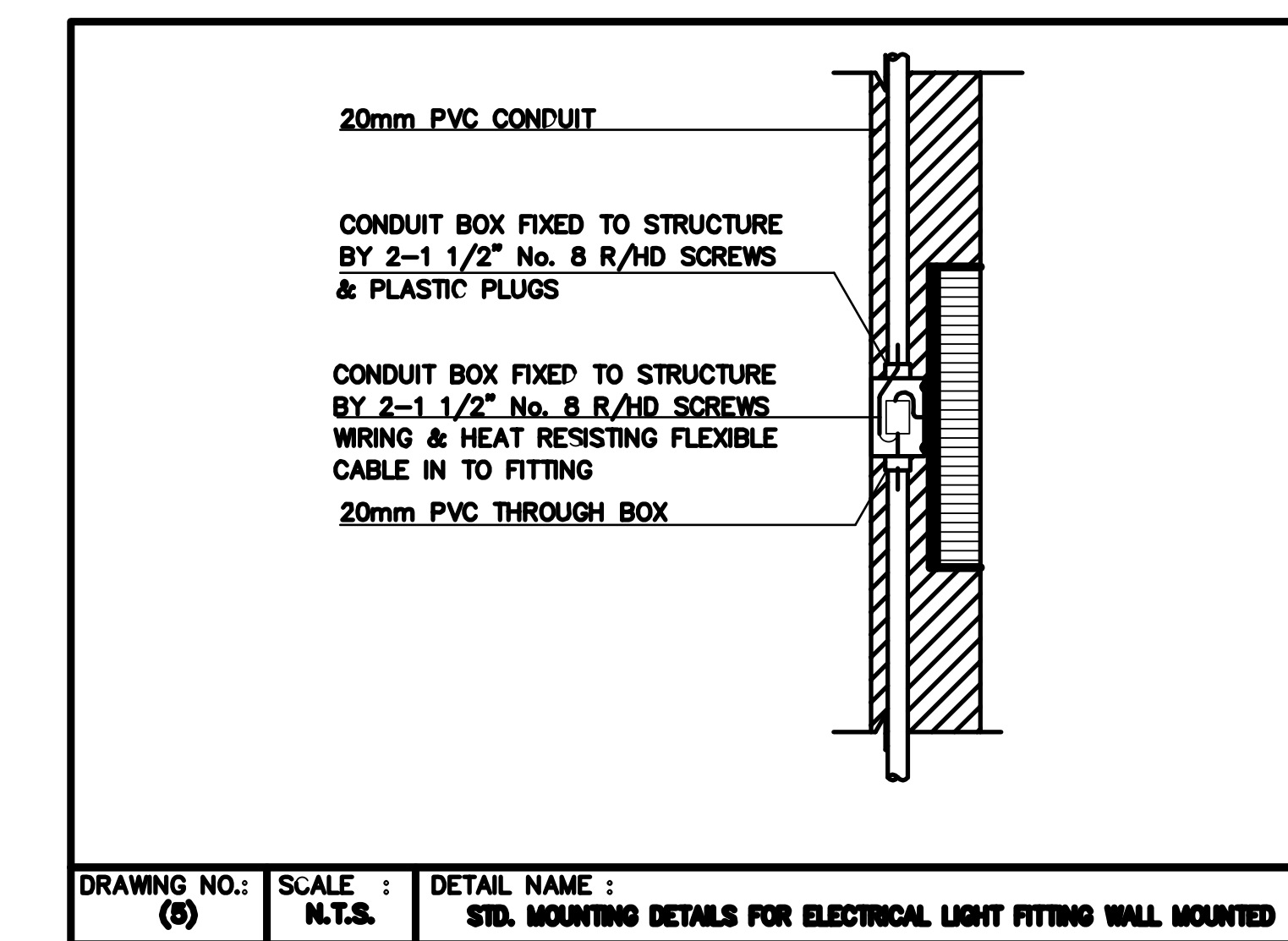
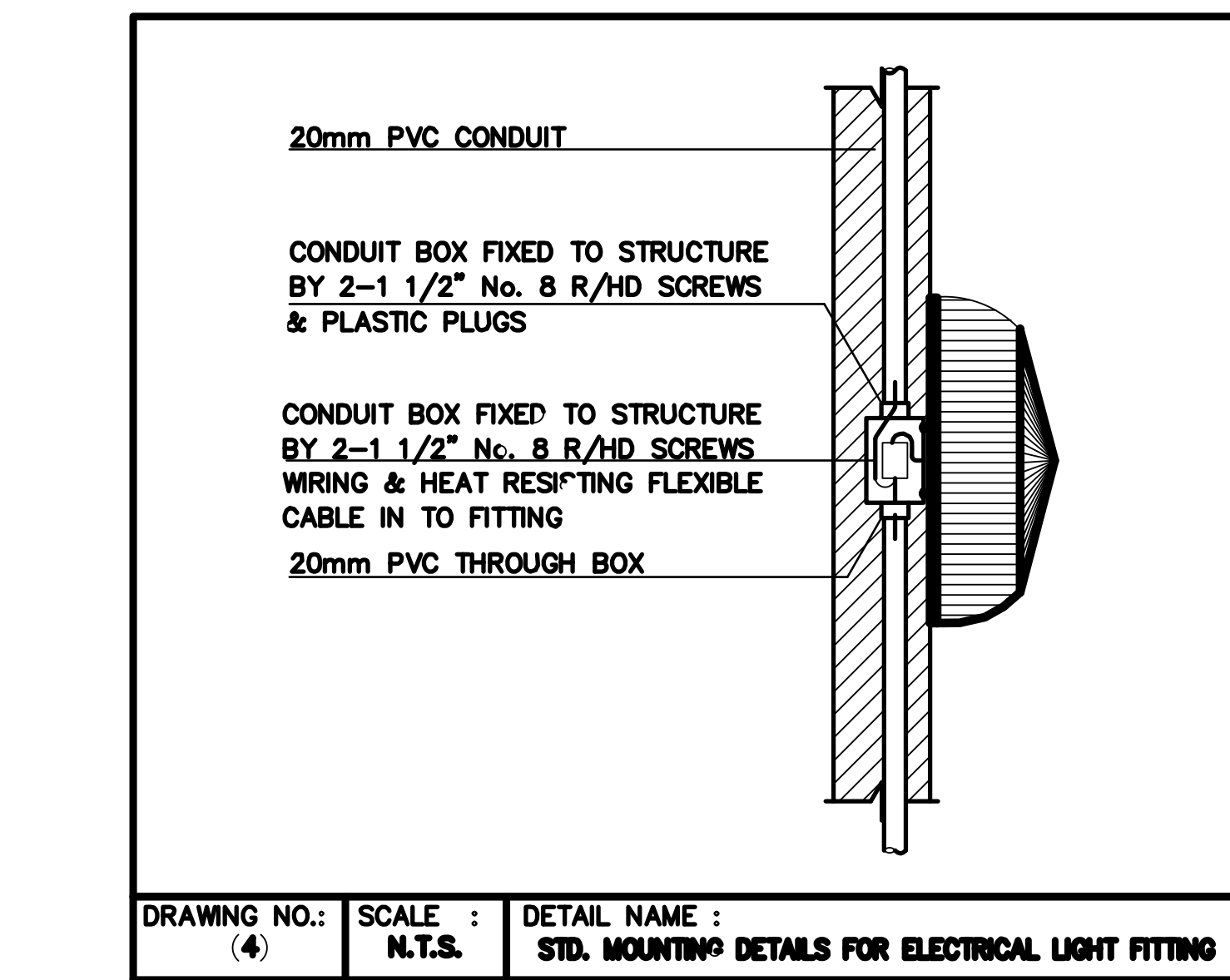
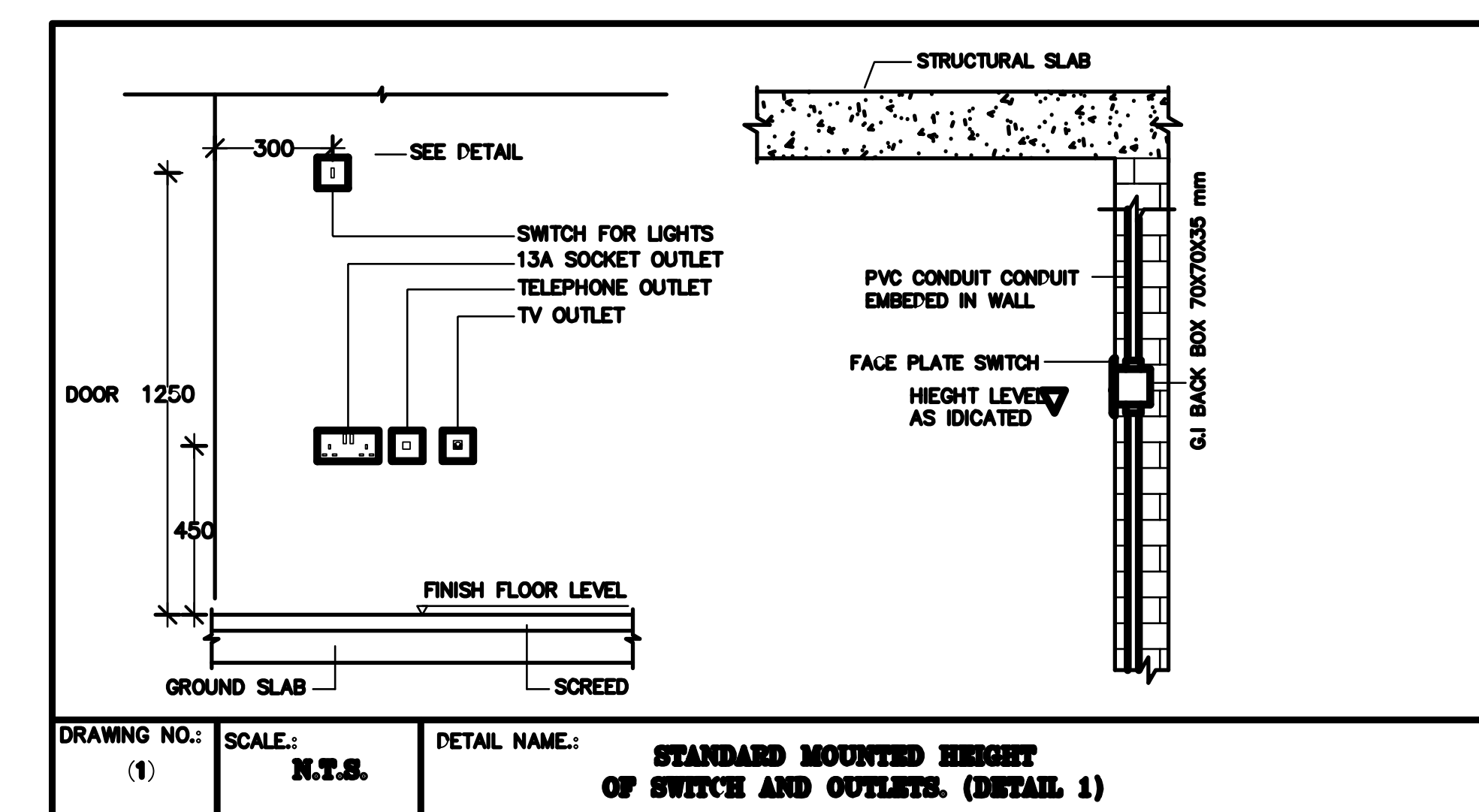
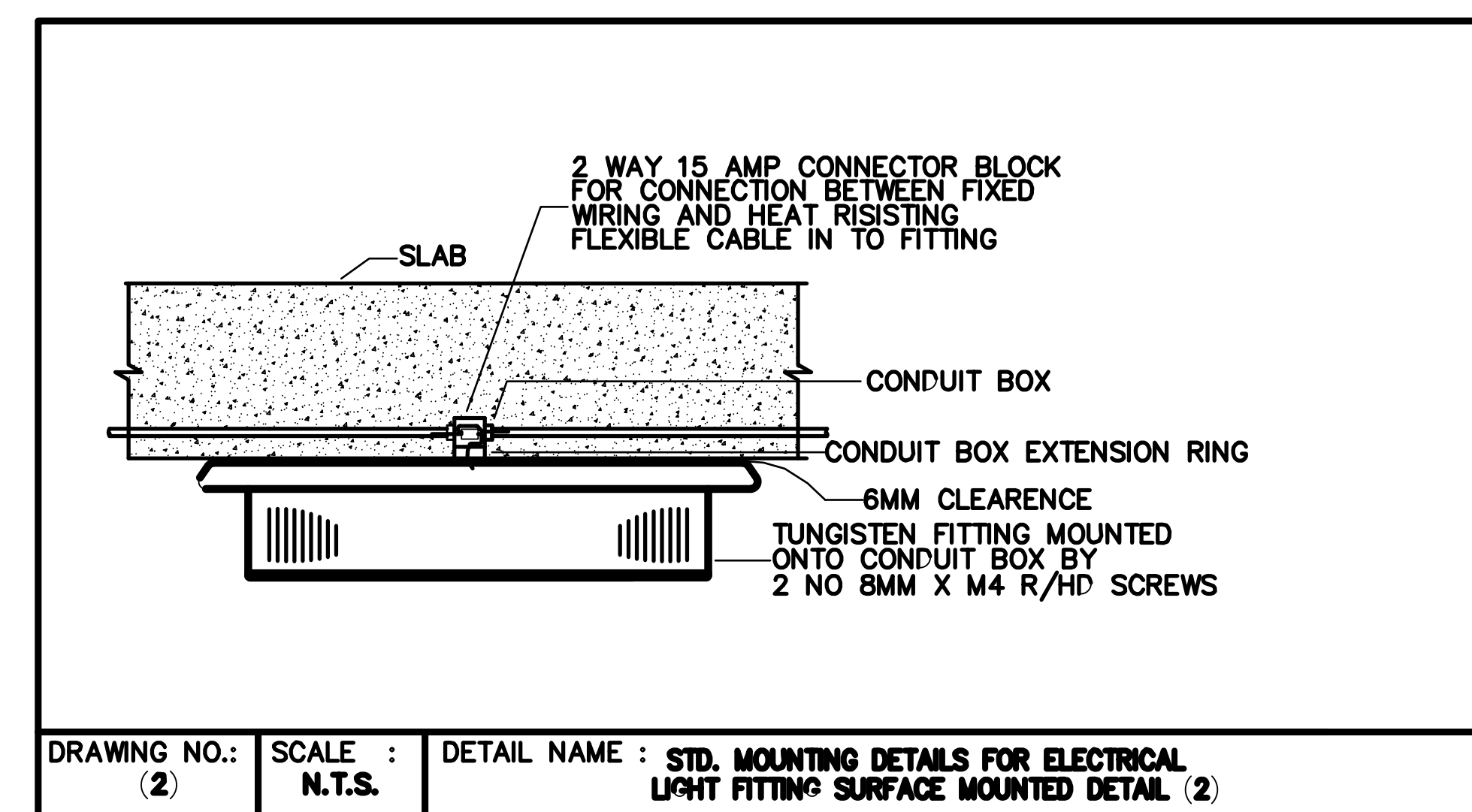
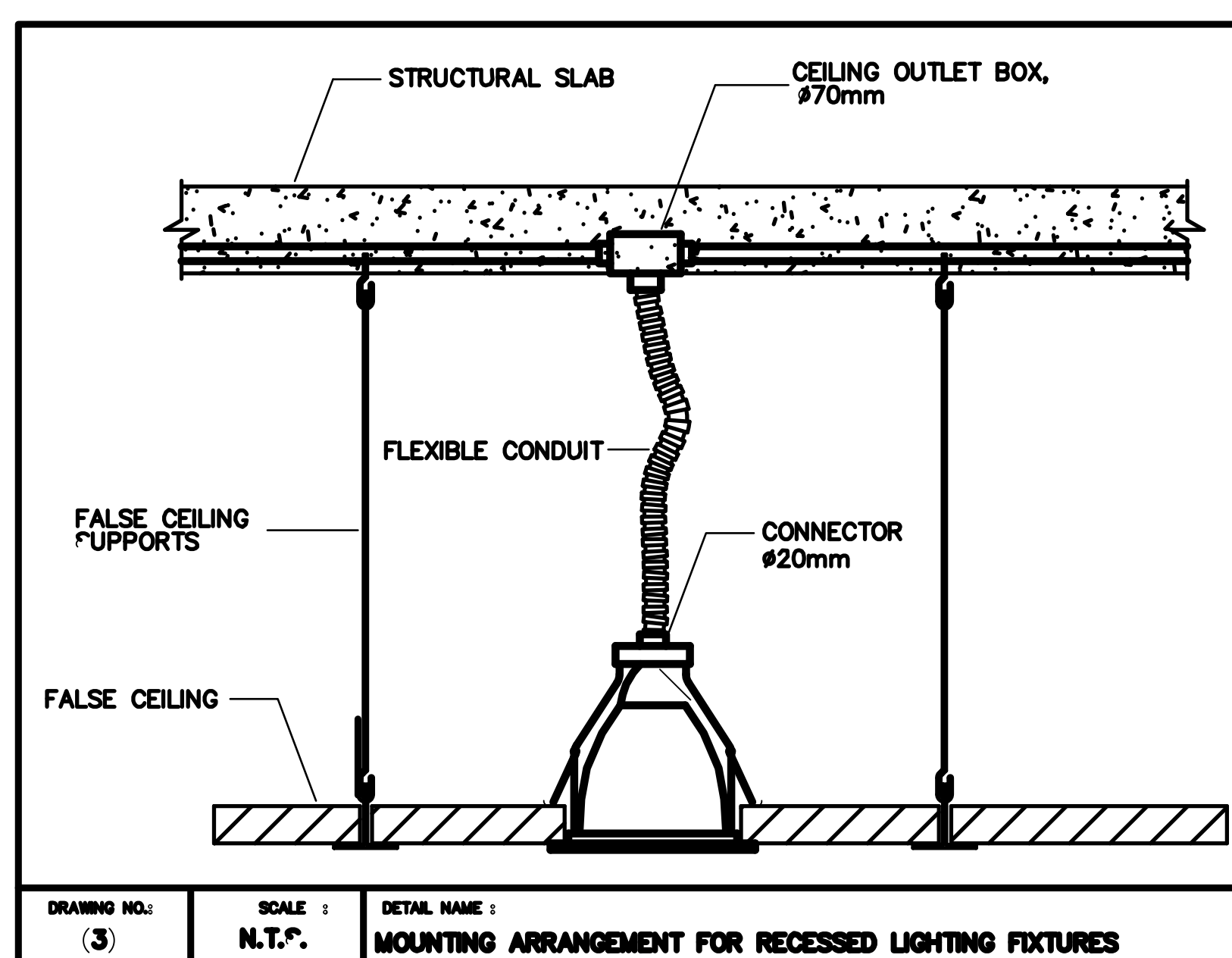
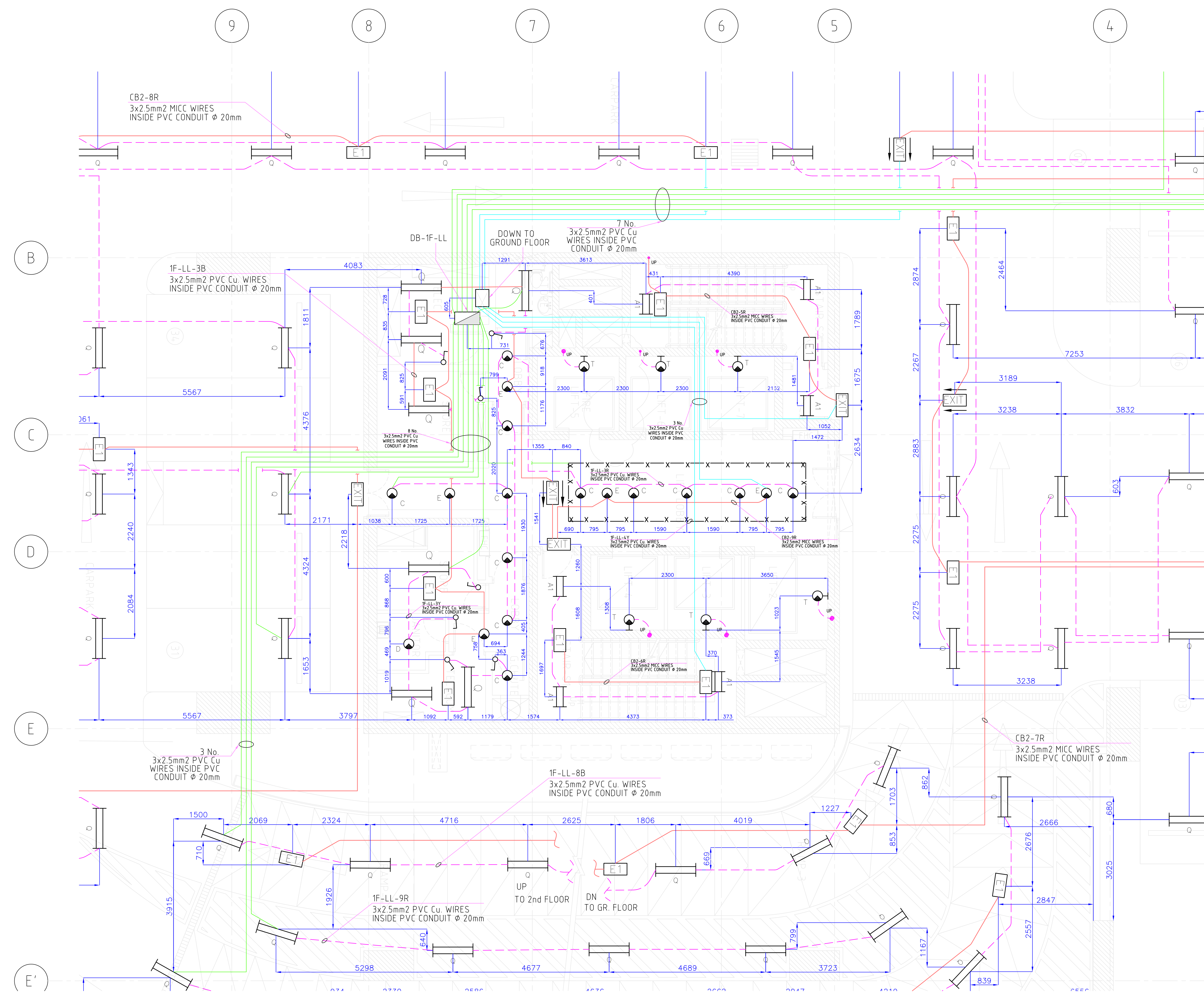


DB REF. & LOCATION		DB-1F-LL (FIRST FLOOR)									
FED FROM		REFER TO SCHEMATIC DIAGRAM									
FEEDER SIZE		REFER TO SCHEMATIC DIAGRAM									
* ELCB 30mA SENSITIVITY.											
WAY NO.	PHASE BREAK COLOR SIZE	DESCRIPTION	LOCATION	TYPE OF LOAD	WIRE SIZE	TYPE OF CABLE	CONTA. RATE (Amps)	CONTA. TIME (Sec)	PHASE REF.	PHASE LOAD	PHASE LOAD
1	R 10	6x100	PARK AREA	LTG	3x2.5	PVC	16	C1	800		
	Y 10	5x100	PARK AREA	LTG	3x2.5	PVC	16	C2		500	1200
	B 16	12x100	DRIVE WAY	LTG	3x2.5	PVC	16	C3			
2	R 10	14x100	DRIVE WAY	LTG	3x2.5	PVC	16	C4	1400		
	Y 10	6x100	PARK AREA	LTG	3x2.5	PVC	16	C5		600	600
	B 10	6x100	PARK AREA	LTG	3x2.5	PVC	16	C6			
3	R 10	11x100	LIFT LOBBY	LTG	3x2.5	PVC	16	C7	1100		
	Y 10	5x100	STORE+TELECOM	LTG	3x2.5	PVC				500	
	B 10	4x100	STORE+TELECOM	LTG	3x2.5	PVC				400	
4	R 10	7x100	AHU ROOM	LTG	3x2.5	PVC				700	
	Y 16	14x100	LIFT LOBBY	LTG	3x2.5	PVC	16	C8		1400	
	B 16	1X1000	LIFT LOBBY FLASHER	LTG	3x2.5	PVC				500	
5	R 30*	2x100	DRIVE WAY	RSO	4x4+2x2.5	PVC				200	
	Y 6	1x200	DRIVE WAY CCTV	G.P	3x2.5	PVC				200	
	B 10	1x200	LIFT LOBBY CCTV	G.P	3x2.5	PVC				200	
6	R 30*	5x100	AHU ROOM	RSO	4x4+2x2.5	PVC				500	800
	Y 30*	8x100	TELECOM	RSO	4x4+2x2.5	PVC					
	B 30*	3x100	LIFT LOBBY	RSO	4x4+2x2.5	PVC				300	
7	R 30*	5x100	ELECTRIC ROOM+STIORE	RSO	4x4+2x2.5	PVC				500	
	Y 30*	2x100	STORE	RSO	4x4+2x2.5	PVC				200	
	B 10	FCU-T1	STORE	FCU	3x2.5	PVC				750	
8	R 6	1x200	DRIVE WAY CCTV	G.P	3x2.5	PVC				200	
	Y 6	1x200	DRIVE WAY CCTV	G.P	3x2.5	PVC				200	
	B 10	9x100	RAMP	LTG	3x2.5	PVC				900	900
9	R 10	9x100	RAMP	LTG	3x2.5	PVC				900	
	Y 10	7x100	RAMP	LTG	3x2.5	PVC				700	
	B 30*	SPARE									
	Y 30*	SPARE									
	B 30*	6x100	DRIVE WAY	RSO	4x4+2x2.5	PVC				600	
	R	SPACE									
11	Y 30	A/C	AHU ROOM	A/C	3x6	PVC				3000	
	B 30	A/C	AHU ROOM	A/C	3x6	PVC				3000	
	R	SPACE									
	Y	SPACE									
	B	SPACE									
13	Y	SPACE									
	R	SPACE									
	Y	SPACE									
	B	SPACE									
LOAD BREAKDOWN											
	A/C	W/H	COOKER	LIGHTING	GENERAL POWER	SUB-TOTAL	6300	8100	7950		
	6750	W	-	W	11700	W	4400	W	T.C.L. (W)=	22950	W
	6750	W	-	W	9360	W	3120	W	M.D.L.(W)=	19230	W

DB REF. & LOCATION		EDB-CB2 (GROUND FLOOR)									
FED FROM		REFER TO SCHEMATIC DIAGRAM									
FEEDER SIZE		REFER TO SCHEMATIC DIAGRAM									
* ELCB 30mA SENSITIVITY.											
WAY NO.	PHASE BREAK COLOR SIZE	DESCRIPTION	LOCATION	TYPE OF LOAD	WIRE SIZE	TYPE OF CABLE	CONTA. RATE (Amps)	CONTA. TIME (Sec)	PHASE REF.	PHASE LOAD	
1	R 10	12x10	DRIVE WAY (G.FLOOR)	MICC	3x2.5	MICC				120	
2	R 10	10x10	ENTRANCE HALL (G.FLOOR)	LTG	3x2.5	MICC				100	
3	R 10	11x10	LIFT LOBBY (G.FLOOR)	LTG	3x2.5	MICC				110	
4	R 10	8x10	HV AND TX ROOM (G.FLOOR)	LTG	3x2.5	MICC				80	
5	R 10	6x10	STAIR	LTG	3x2.5	MICC				60	
6	R 10	4x10	STAIR	LTG	3x2.5	MICC				40	
7	R 10	15x10	DRIVE WAY	LTG	3x2.5	MICC				150	
8	R 10	10x10	DRIVE WAY (F.FLOOR)	LTG	3x2.5	MICC				100	
9	R 10	11x10	LIFT LOBBY (F.FLOOR)	LTG	3x2.5	MICC				100	
10	R 10	6x100	ENTRANCE (G.FLOOR)	LTG	3x2.5	MICC				60	
11	R 10	6x100	ENTRANCE (G.FLOOR)	LTG	3x2.5	MICC				60	
12	R 10	SPARE									
LOAD BREAKDOWN											
	A/C	W/H	COOKER	LIGHTING	GENERAL POWER	SUB-TOTAL	980				
	-	W	-	W	980	W	-	W	T.C.L. (W)=	980	
	-	W	-	W	980	W	-	W	M.D.L.(W)=	980	



	DISTRIBUTION BOARD
	FP-FEDER PILLAR-METAL ENCLOSURE-IP-65
	RW, TUBULAR FLUORESCENT, EMERGENCY LIGHTTYPE SURFACE MOUNTED TYPE, ELECTRONIC BALLAST ADDRESSABLE MODULE, COMPATIBLE WITH CENTRAL BATTERY SYSTEM.
	2X18W, FLUORESCENT FIXTURE, SURFACE MOUNTED, OPAL DIFFUSER, WITH HF ELECTRONIC BALLAST, IP40, SIMILAR TO PHILIPS HOLLAND PART No. TCS-097-1XTLD 30W-HF.
	36 W, FLUORESCENT FIXTURE, SURFACE MOUNTED, BODY MADE FROM INJECTION MOULDED POLYCARBONATE & POLYCARBONATE DIFFUSER, WITH HF ELECTRONIC BALLAST, IP65, SIMILAR TO DISANO / ITALY Cot. No. 831 ECHO, CEL-F / FL 2x36.
	36 W, COMPACT FLUORESCENT LIGHT, WALL MOUNTING LIGHTING FIXTURE, WITH CAST ALUMINIUM HOUSING AND SAND FLASTED GLASS DIFFUSER, IP65, SIMILAR TO SIMES / ITALY Cot. No. S.6/779.
	10W, COMPACT FLUORESCENT RECESSED MOUNTED, EMERGENCY DOWN LIGHT ELECTRONIC BALLAST AND ADDRESSABLE MONITORING MODULE, COMPATIBLE WITH CENTRAL BATTERY SYSTEM COMPLETE WITH GLASS DIFFUSER.
	2x25W, COMPACT FLUORESCENT, DOWN LIGHT, RECESSED IN FALSE CEILING WITH SUPER PURE REFLECTOR AND FLUSH GLASS DIFFUSER, SIMILAR TO TARETTI / ITALY, Cot. No. CCT-47320.
	63A PLUG IN TAP OFF UNIT
	RW, TS FLUORESCENT LIGHT, WALL / PENDANT MOUNTED SEMIRECESSED IN FALSE CEILING (ALL AS APPLICABLE), COMPLETE WITH PICTORIAL LEGENDS, LUMINAIRE ENCASED FROM POLYCARBONATE, MAINTAINED MODE, COMPLETE WITH ADDRESSABLE HF BALLAST SUITABLE FOR CENTRAL BATTERY OPERATION, WEATHER PROOF (WHERE APPLICABLE), SIMILAR TO 'CEAG' / GERMANY
	1 GANG ONE WAY SWITCH D - FOR DIMMER NP - WEATHER PROOF C - METAL CLAD



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ALI ABDUL REDA MASHHADI

PROJECT:
AL NOOR OFFICE TOWER AT NEW DOHA
2B+G+F+22 FLOORS

DRAWING TITLE:
FIRST FLOOR LIGHTING LAYOUT

DRAWING REFERENCE:
75-10288-E104 - FIRST FLOOR LIGHTING LAYOUT
75-10288-E000 - LIGHTING LEGEND & NOTE
75-10288-E401-403 - DISTRIBUTION BOARD DETAILS

DRAWN BY: D. CESARONI
CHECKED BY: M. SHAMIMUDDIN
APPROVED BY: M. MOHAMUD

DATE: 04.07.07
SCALE: 1:50 **SIZE:** A0

REVISION: 0
DATE: 04.07.07

DRAWING NO. SHEET: TC01E3F01026 / 2 OF 2