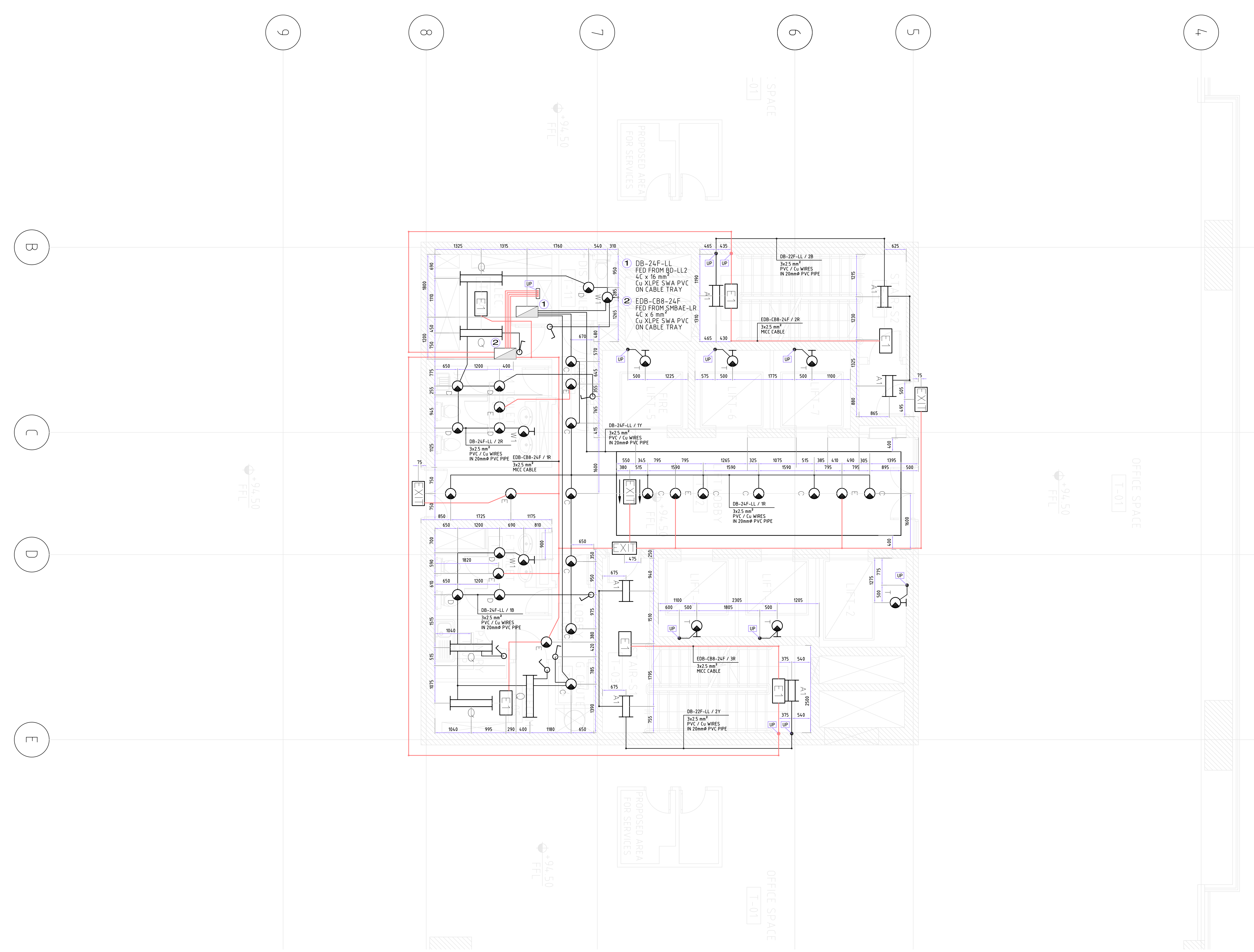
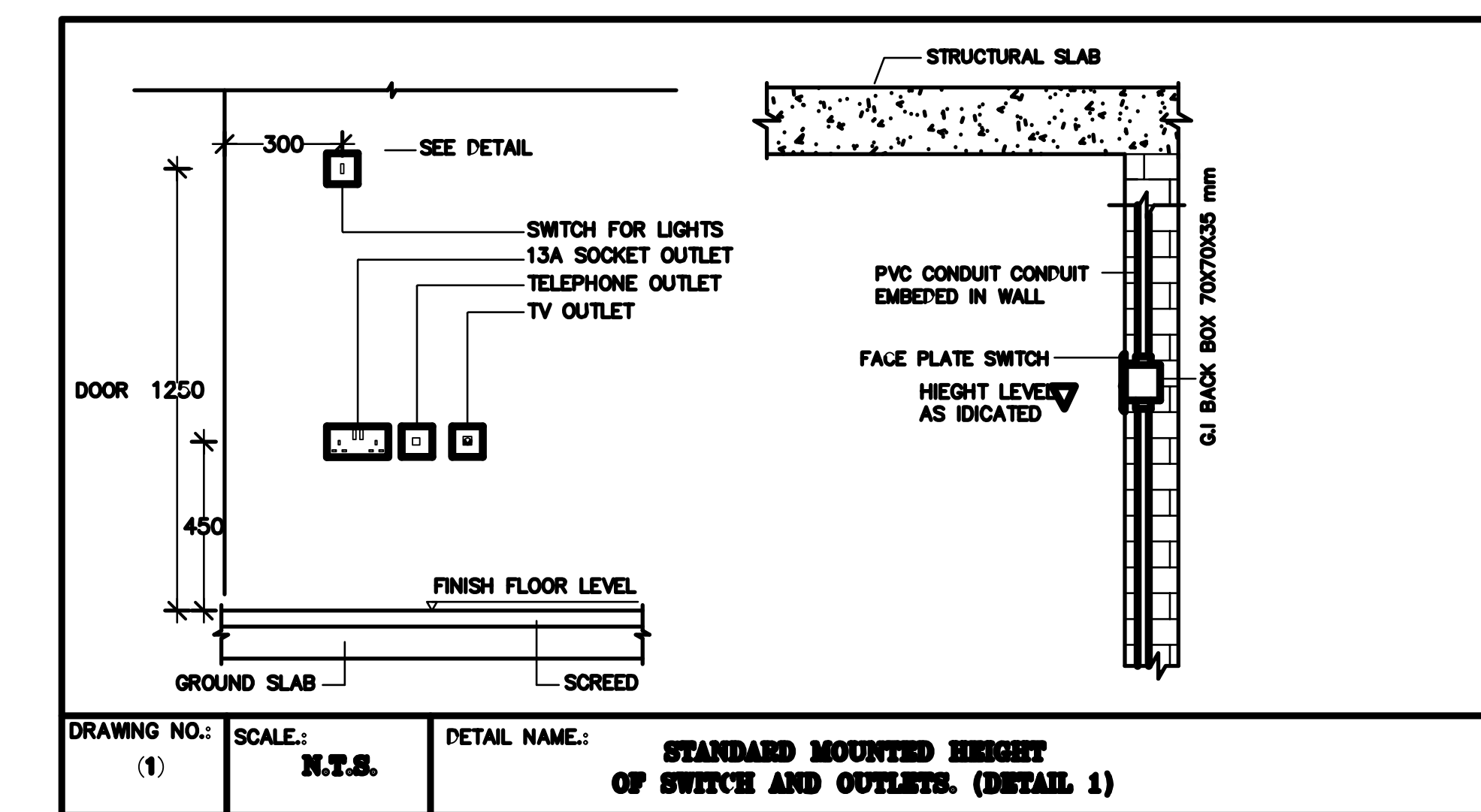
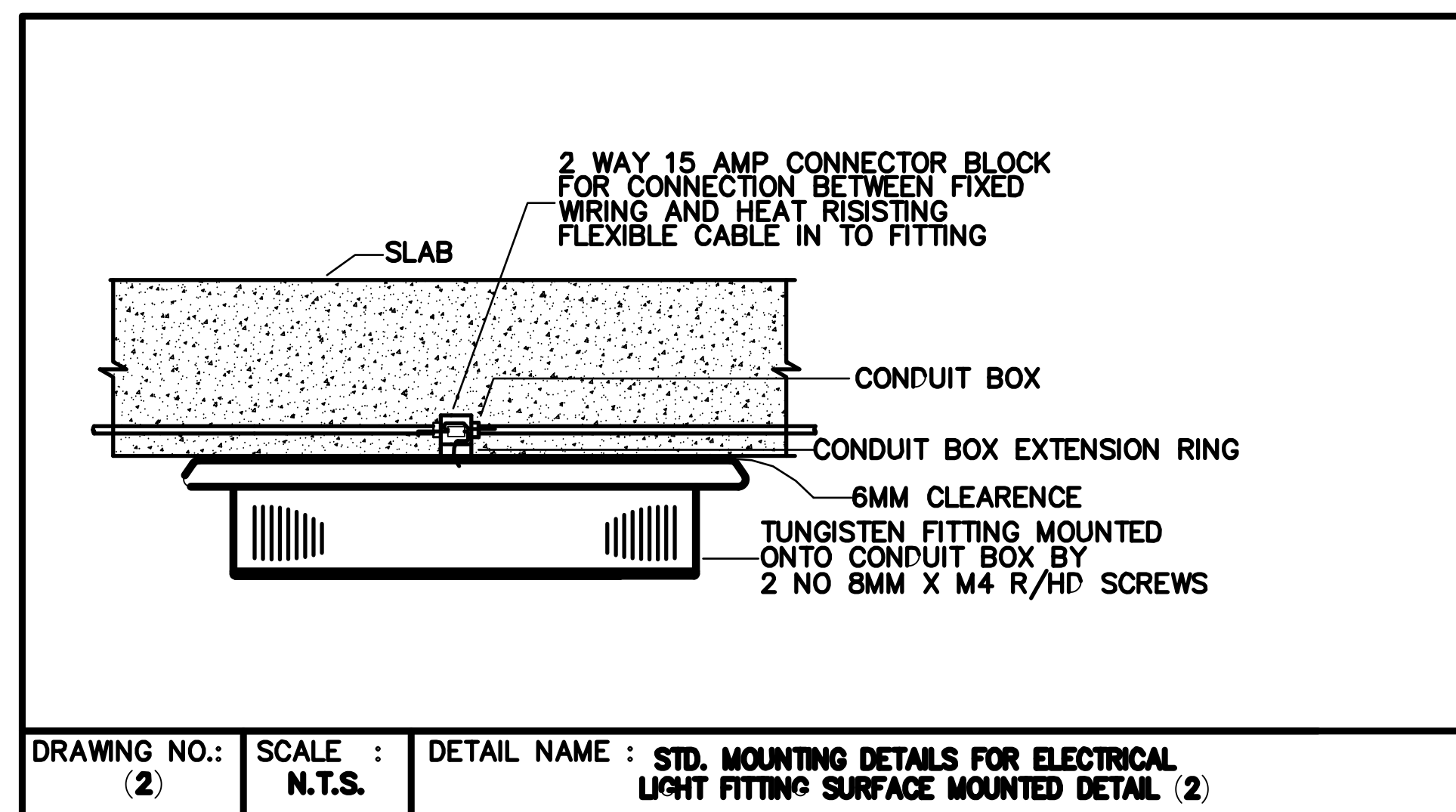
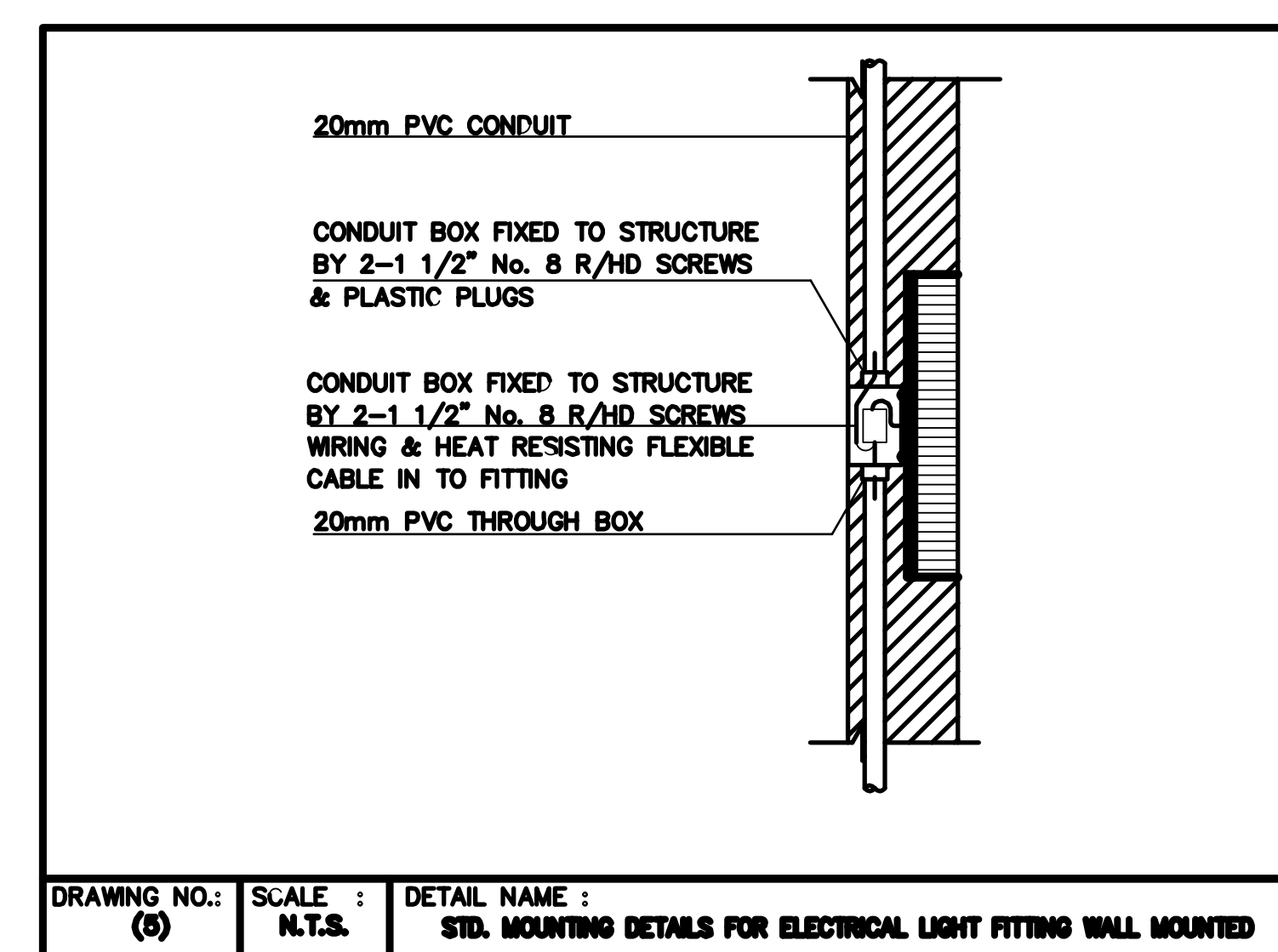
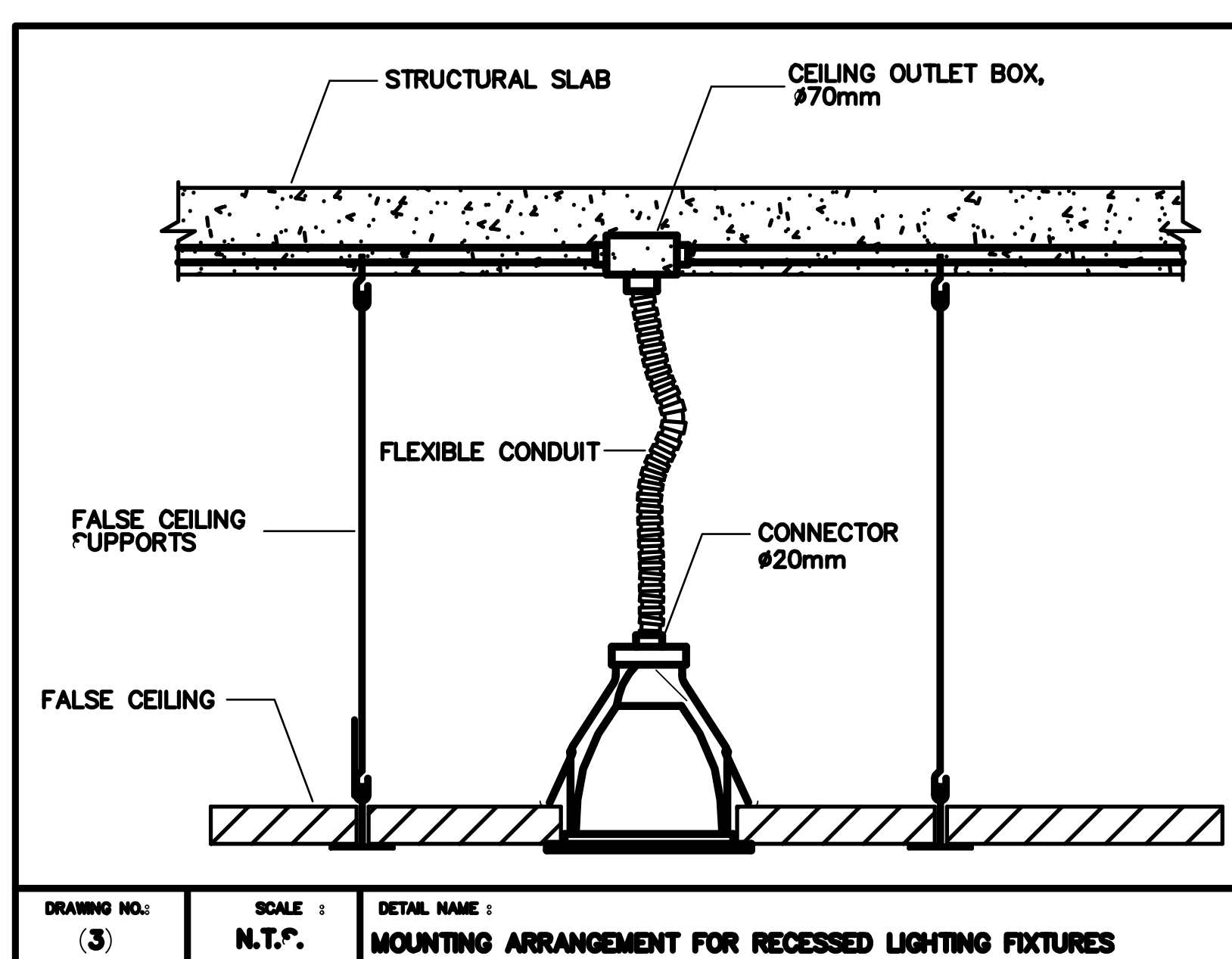
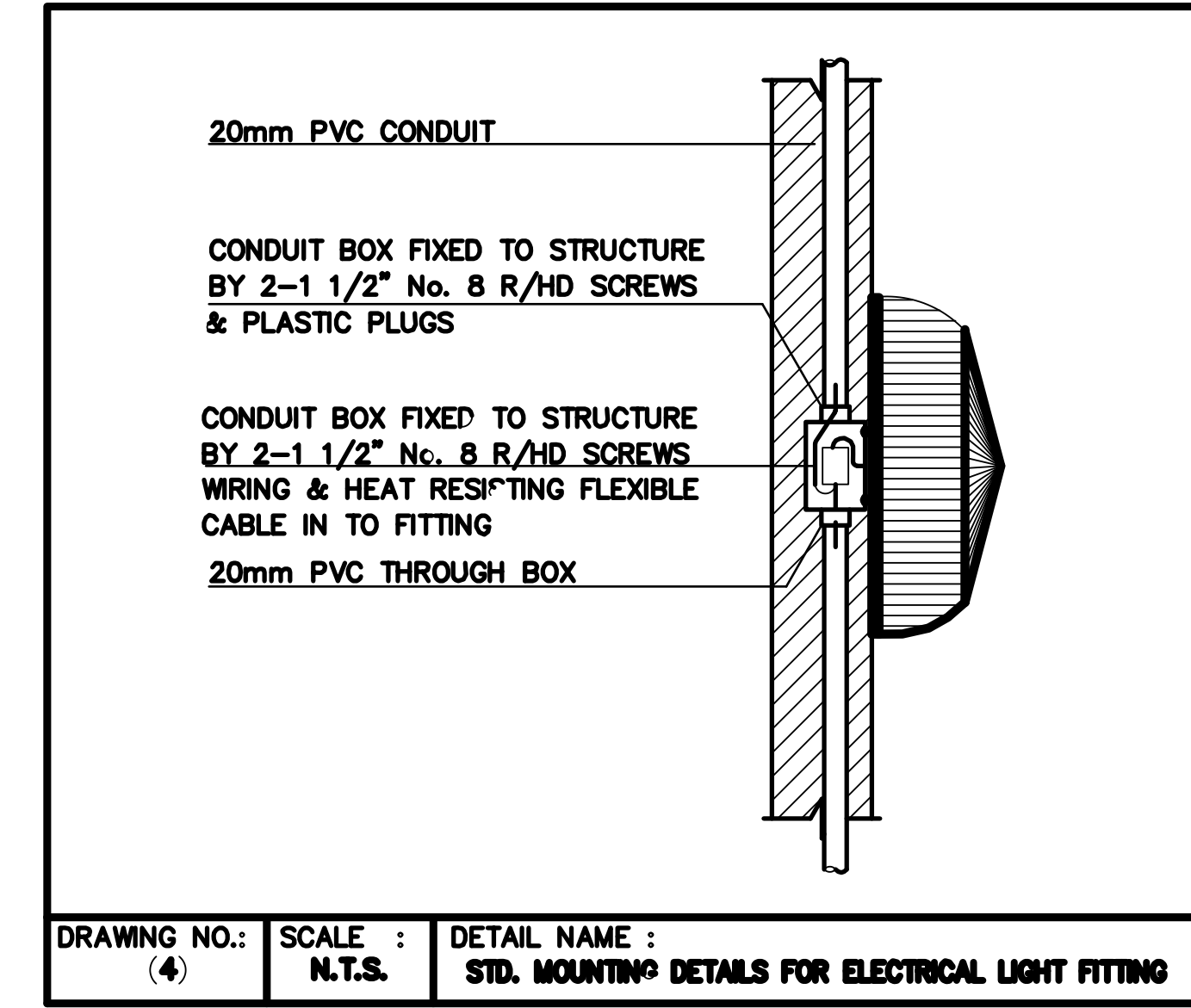


DB REF. & LOCATION		DB-24F-LL (24 TH FLOOR)										
FED FROM		REFER TO SCHEMATIC DIAGRAM										
FEEDER SIZE		REFER TO SCHEMATIC DIAGRAM										
* ELCB 30mA SENSITIVITY.												
WAY No.	PHASE BREAK COLOR SIZE	DESCRIPTION	LOCATION	TYPE OF LOAD	WIRE SIZE	TYPE OF CABLE	CONTA. RATE (amp)	CONTA. REF. No.	PHASE LOAD FR	PHASE LOAD Y	PHASE LOAD B	
1	R 10	11x100	LIFT LOBBY	LTG	3x2.5	PVC	16	C1	1100			
	Y 16	14x100	LIFT LOBBY	LTG	3x2.5	PVC	16	C2		1400		
2	B 10*	8x100	TOILET & ELEC & PANTRY	LTG	3x2.5	PVC	--	--			800	
	R 10*	9x100	TOILET & ELEC						900			
3	Y 10*	SPARE										
	B 10*	SPARE										
4	R 16*	WATER HEATER	TOILET	W/H	3x4	PVC	--	--	1200			
	Y 30*	6x100	PANTRY	W/H	4x4+2x2.5	PVC	--	--		600		
5	B 16*	WATER HEATER	TOILET	W/H	3x4	PVC	--	--			1200	
	R 30*	4x100	LIFT LOBBY	RSO	4x4+2x2.5	PVC	--	--	400			
6	Y 30*	2x100	TELECOM ROOM	RSO	4x4+2x2.5	PVC	--	--		200		
	B 10	FCU-T1	LIFT LOBBY	FCU	3x2.5	PVC	--	--			750	
7	R 20*	HAND DRYER	MALE TOILET	G.P.	3x4	PVC	--	--	2000			
	Y --	SPACE										
8	B 20*	HAND DRYER	FEMALE TOILET	G.P.	3x4	PVC	--	--			2000	
	R --	SPACE										
9	Y --	SPACE										
	B --	SPACE										
LOAD BREAKDOWN												
A/C	W/H	COOKER	LIGHTING	GENERAL POWER					SUB-TOTAL	5600	2200	4750
750	W	2400	W	W	4200	W	5200	W	T.C.L. (W)=	12550	W	
750	W	2400	W	W	3360	W	4160	W	M.D.L.(W)=	10670	W	

	DISTRIBUTION BOARD FP-FEEDER PILLAR-METAL ENCLOSURE-IP-65
	8W, TUBULAR FLUORESCENT, EMERGENCY LIGHTTYPE, SURFACE MOUNTED TYPE, ELECTRONIC BALLAST ADDRESSABLE MODULE, COMPATIBLE WITH CENTRAL BATTERY SYSTEM.
	2x18W, FLUORESCENT FIXTURE, SURFACE MOUNTED ORAL DIFFUSER, WITH HF ELECTRONIC BALLAST, IP 40, SIMILAR TO PHILLIPS HOLLAND PART NO. TCS-097-1XTLD 30W-3HF.
	2x36W, FLUORESCENT FIXTURE, SURFACE MOUNTED, BODY MADE FROM INJECTION MOULDED POLYCARBONATED & POLYCARBONATE DIFFUSER, WITH HF ELECTRONIC BALLAST, IP65, SIMILAR TO DISANO / ITALY Cat. No. 931 ECHO, CEL-F / FL 2x36.
	36 W, COMPACT FLUORESCENT LIGHT, WALL MOUNTING LIGHTING FIXTURE, WITH DIE CAST ALUMINIUM HOUSING AND SAND FLASTED GLASS DIFFUSER, IP65, SIMILAR TO SIMES / ITALY Cat. No. S.6779.
	10W, COMPACT FLUORESCENT RECESSED MOUNTED, EMERGENCY DOWN LIGHT ELECTRONIC BALLAST AND ADDRESSABLE MONITORING MODULE, COMPATIBLE WITH CENTRAL BATTERY SYSTEM COMPLETE WITH GLASS DIFFUSER.
	2x26W, COMPACT FLUORESCENT, DOWN LIGHT, RECESSED IN FALSE CEILING WITH SUPER PURE REFLECTOR AND FLUSH GLASS DIFFUSER, SIMILAR TO TARGETH / ITALY, Cat. No. CCT-47320.
	63A PLUG IN TAP OFF UNIT
	8W, T5 FLUORESCENT LIGHT, WALL / PENDANT MOUNTED SEMIRECESSED IN FALSE CEILING (ALL AS APPLICABLE), COMPLETE WITH PICTORAM LEGENDS, LUMINAIRE ENCLOSURE MADE 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
	WP : WEATHER PROOF
	C : METAL CLAD

DB REF. & LOCATION		EDB-CB8-24F (24 TH 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 (amp)	CONTA. REF. No.	PHASE LOAD FR	PHASE LOAD Y	PHASE LOAD B
1	R 10	11x10	LIFT LOBBY (24TH)	LTG	3x2.5	MICC	--	--	110		
	2	R 10	4x10	STAIR	LTG	3x2.5	MICC	--	40		
3	R 10	4x10	STAIR	LTG	3x2.5	MICC	--	40			
	4	R 10	9x10	LIFT MACHINE ROOM	LTG	3x2.5	MICC	--	90		
5	R 10	10x10	ELEC & STORE ROOM	LTG	3x2.5	MICC	--	100			
	6	R 10	SPARE								
7	R 10	SPARE									
	8	R 10	SPARE								
9	R 10	SPARE									
	10	R 10	SPARE								
LOAD BREAKDOWN											
A/C	W/H	COOKER	LIGHTING	GENERAL POWER					SUB-TOTAL	380	
--	W	--	W	--	W	380	W	--	W	T.C.L. (W)=	380
--	W	--	W	--	W	380	W	--	W	M.D.L.(W)=	380



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OWNER:
 ALI ABDUL REDA MASHHADI

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

DRAWING TITLE:
 24 TH FLOOR PLAN
 LIGHTING LAYOUT

DRAWING REFERENCE:

- 75-10288-E000 - LIGHTING LEGEND & GENERAL NOTES
- 75-10288-E401-403 - DISTRIBUTION BOARD DETAILS
- 75-10288-E702-703 - LIGHTING GENERAL DETAILS
- 75-10288-E106 - 24 TH FLOOR LIGHTING LAYOUT

DRAWN BY : D. CESARONI

CHECKED BY : M. SHAMMUDDIN

APPROVED BY : M. MOHAMUD

DATE : 11.07.07

SCALE : 150 SIZE : A0

REVISION : 0

DATE : 11.07.07

DRAWING NO : TC01E3T01028_L24

SHEET : 2 OF 2