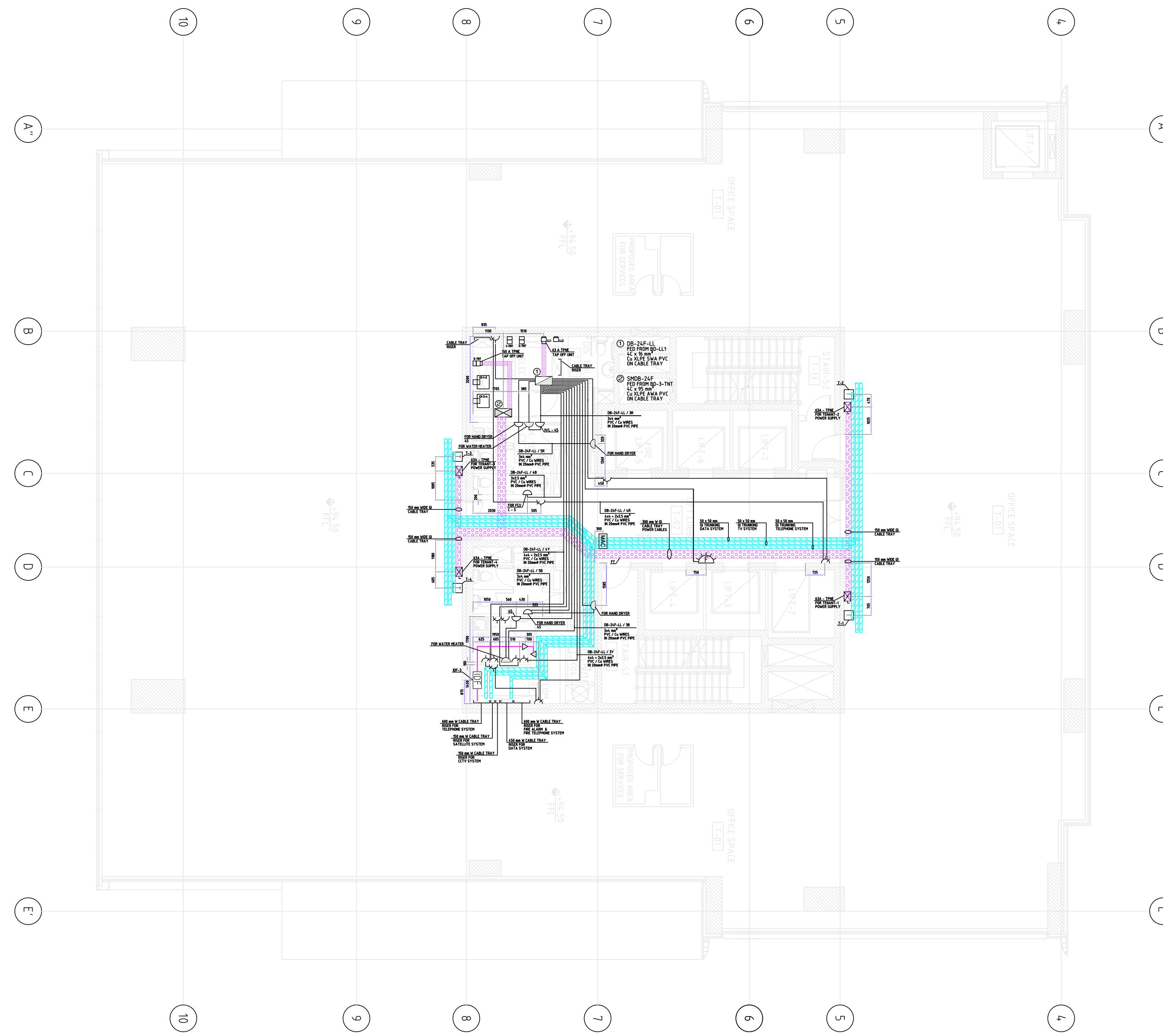
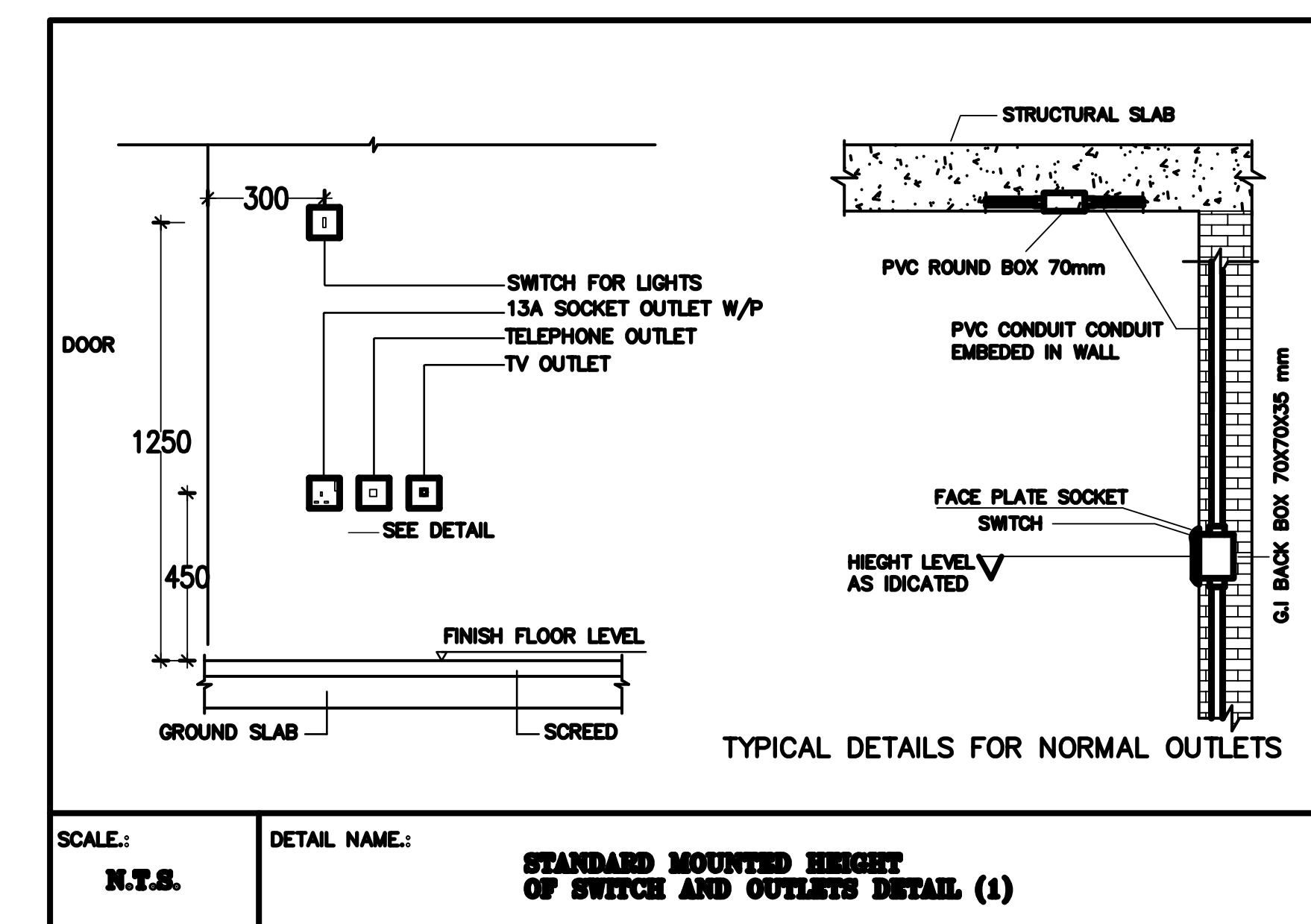
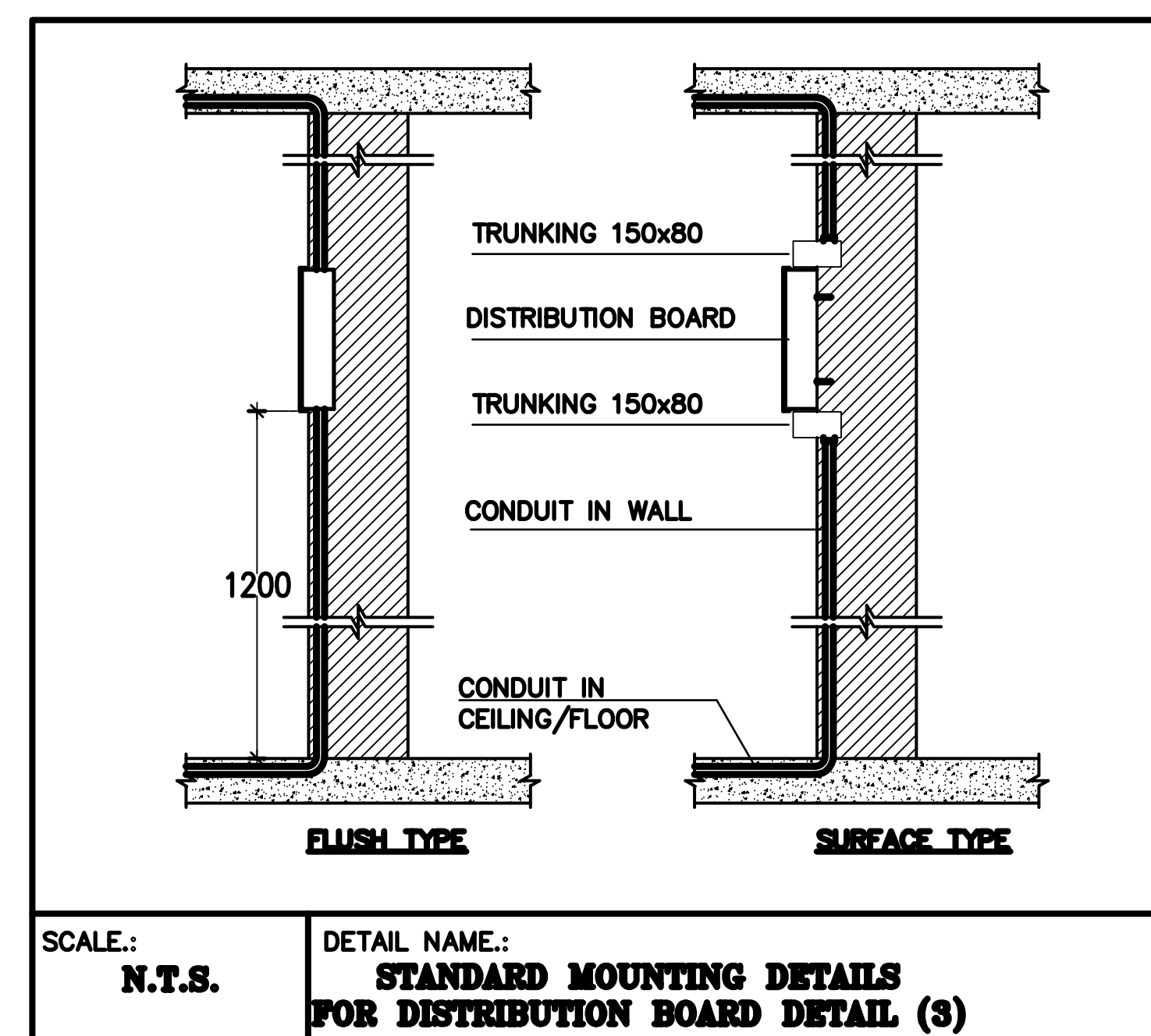
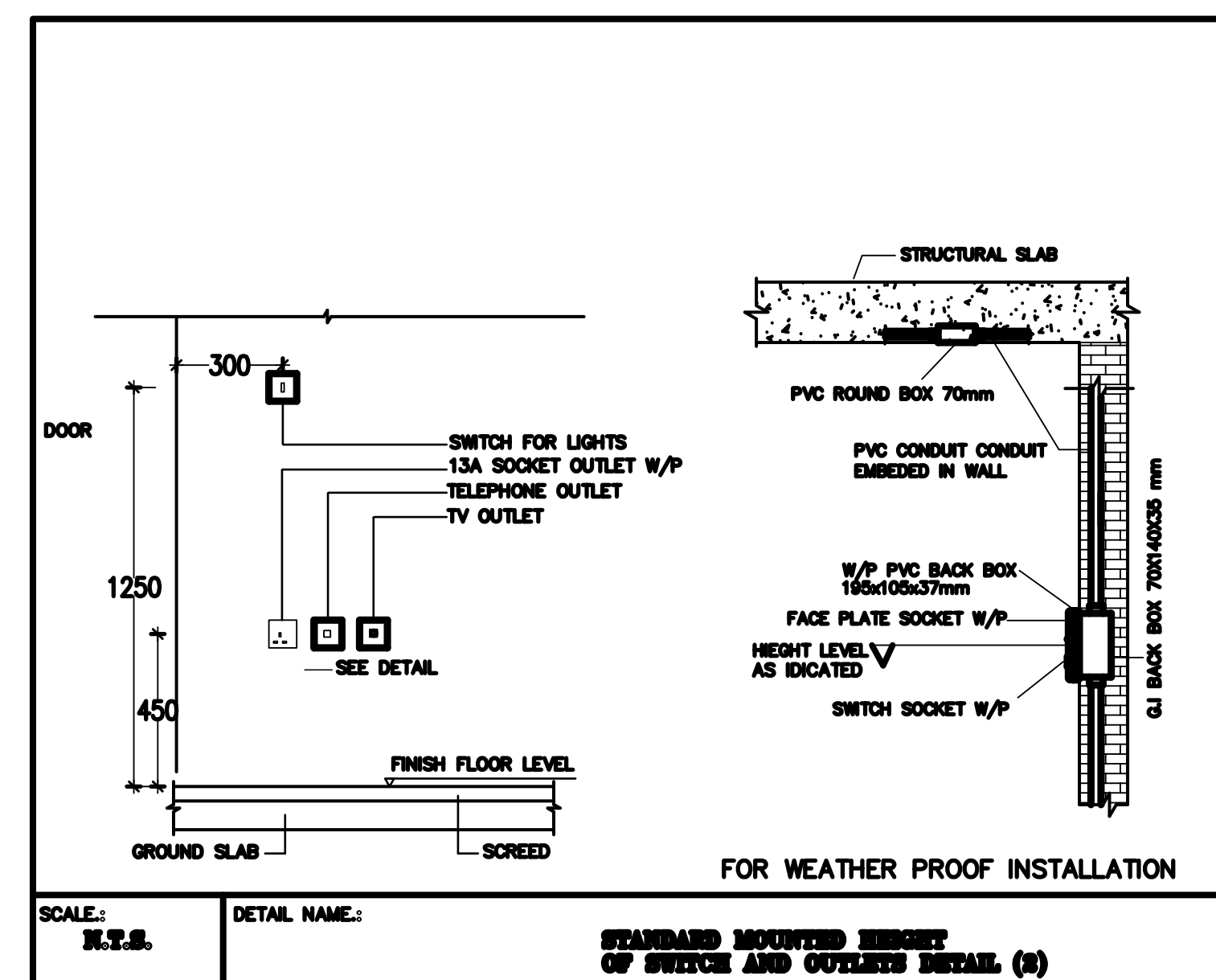


DB REF. & LOCATION		DB-24F-LL (24 TH FLOOR)										
FED FROM		REFER TO SCHEMATIC DIAGRAM										
FEEDER SIZE		REFER TO SCHEMATIC DIAGRAM										
* ELCB 30mA SENSITIVITY.												
WAY No.	PHASE COLOR	BREAK SIZE	DESCRIPTION	LOCATION	TYPE OF LOAD	WIRE SIZE	TYPE OF CABLE	CONTA. RATE (Amp)	CONTA. REF. No.	PHASE FS	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	LTG	3x2.5	PVC	-	-	-		800
	R	10*	9x100	TOILET & ELEC	LTG	3x2.5	PVC	-	-	900		
3	Y	10*	SPARE	-	-	-	-	-	-	-		
	B	10*	SPARE	-	-	-	-	-	-	-		
4	R	16*	WATER HEATER	TOILET	W/H	3x4	PVC	-	-	1200		
	Y	30*	6x100	PANTRY	RSO	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



⊗	13A SWITCHED TYPE, SINGLE SOCKET OUTLET WP : WEATHER PROOF - MASTER SEAL TYPE CD : METAL CLAD TYPE H/L : HIGH LEVEL	✉	DISTRIBUTION BOARD FP-FEDER PILLAR-METAL ENCLOSURE-IP-65
⊗	13A SWITCHED TYPE, DOUBLE SOCKET OUTLET WP : WEATHER PROOF - MASTER SEAL TYPE CD : METAL CLAD TYPE H/L : HIGH LEVEL D : DESK MOUNTED	□	BUS DUCTS RATING AS INDICATED ON DRAWING
D	FUSED SPUR CONNECTION UNIT WITH LAMP INDICATION S : SWITCHED C : CEILING MOUNTED H/L : HIGH LEVEL CD : METAL CLAD	⊞	63A PLUG IN TAP OFF UNIT
D	FLEX OUTLET CONNECTION UNIT RATING TO SUIT THE ADJACENT SWITCH C : CEILING MOUNTED WP : WEATHER PROOF MASTER SEAL TYPE H/L : HIGH LEVEL	⊞	HOT DIP G.I. STEEL CABLE TRAY RATING AS INDICATED ON DRAWING
D	20A DOUBLE POLE SWITCH, WITH LAMP INDICATION WP : WEATHER PROOF MASTER SEAL TYPE	—	WIRING IN HEAVY GAUGE PVC CONDUIT (EMBEDDED) IN CONCEALED IN CEILING SLAB
⚡	FLASHER	⊞	KRONE TYPE JUNCTION BOX, HINGED COVER, BACK PLATE AND TERMINAL STRIPS (CAPACITY AS INDICATED)
MAC	XXX XXX	▽	TELEPHONE DUAL SOCKET OUTLET (Q-TEL STANDARD) P : PAY PHONE SINGLE SOCKET OUTLET
⊗	DISCONNECTION POWER ISOLATOR, RATING AS INDICATED ON DRAWING WP : WEATHER PROOF, SF : SWITCH FUSE.	CCV CAMERA	A : PTZ/FULL FUNCTION CAMERA, CEILING MOUNTED A1 : DITTO AS "A" ABOVE BUT DOME TYPE A2 : PTZ/FULL FUNCTION DOME TYPE RECESSED IN FALSE CEILING A3 : PTZ/FULL FUNCTION DOME TYPE CAMERA MOUNTED ON POLE B : PTZ/FULL FUNCTION CAMERA, WALL MOUNTED B1 : DITTO AS "B" ABOVE BUT DOME TYPE C : FIXED CAMERA, RECESSED IN FALSE CEILING/DOME TYPE C1 : DITTO AS "C" ABOVE BUT DOME TYPE C2 : FIXED CAMERA CEILING MOUNTED DOME TYPE D : FIXED CAMERA, WALL MOUNTED D1 : DITTO AS "D" ABOVE BUT DOME TYPE WP : WEATHER PROOF
✉	MOTOR CONTROL CENTRE (MCC)/CONTROL PANEL	⊞	TRIPOLAR + NEUTRO + EARTHING



SUB CONTRACTOR:  
T & C QATAR L.L.C. - C.R. 35109  
P.O. Box: 2329 DOHA, QATAR  
TEL: (+974) 4421 833 / 4930 614  
FAX: (+974) 4410 553 / 4930 614



CONSULTANT:  
المكتب العربي للتقنين الهندسي  
ARAB ENGINEERING BUREAU  
شركة مساهمة مسجلة في الدوحة قطر  
P.O. Box: 11311 Doha, Qatar  
Telephone: +974 4471 181 Fax: +974 4471 181 P.O. Box: 11311 Doha, Qatar  
Email: aeb@aq.com.qa Web: www.aeb.com.qa

DESIGNER:  
GHD  
Geotechnical  
Hydrological  
Design  
PO Box: 44302 Doha, Qatar  
T: +974 44322979 F: +974 44661277  
E: dcm@ghd.com.qa www.ghd.com.qa

MAIN CONTRACTOR:  
AL MADAR CONTRACTING  
P.O. Box: 2329 DOHA, QATAR  
TEL: (+974) 4675405 - 4674466  
FAX: (+974) 4671333 - C.R. : 15061  
WEB SITE: www.almadar-group.com  
Email: conteng@almadar-group.com

OWNER:  
ALI ABDUL REDA MASHHADI

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

DRAWING TITLE:  
24 TH FLOOR PLAN  
POWER + TELEPHONE LAYOUT

DRAWING REFERENCE:  
75-10288-E000 - POWER LEGEND & GENERAL NOTES  
75-10288-E401-403 - DISTRIBUTION BOARD DETAILS  
75-10288-E501-505 - POWER SCHEMATIC DIAGRAM  
75-10288-E601-603 - TELEPHONE SCHEMATIC DIAGRAM  
75-10288-E702-703 - POWER GENERAL DETAILS  
75-10288-E206 - 24 TH FLOOR POWER & EXTRA LOW V.

DRAWN BY: L. MANCINI

CHECKED BY: M. SHAMIMUDDIN

APPROVED BY: M. MOHAMUD

DATE: 11.07.07

SCALE: 1:100 SIZE: A0

REVISION: 0

DATE: 11.07.07

DRAWING NO: TC01E2T01037\_L24  
SHEET: 1 OF 2