



- Notes: (Technical)
- 1-R/Y/B indicates phases.
 - 2-LP1/R1 indicates name & no. of circuit.
 - 3-The no. written near the switch board and power points indicates circuit number. For detail of circuit refer distribution board chart.
 - 4-The size of wire from DB to switchboard shall be 1.5sqmm.
 - 5-The size of wire from switch board to different light and fan point shall be 1.0sqmm.
 - 6-Amp. plug shall be connected to the lighting circuit, of that area.
 - 7-For secondary power point the circuit wire shall be looped from first power point by 3*2.5sqmm.
 - 8-Corridor / staircase light shall be directly controlled from MCB-DB through 3*1.5sqmm wires as shown in drawings.
 - 9-The size of sub main conduit from electrical shaft to the reach flat D.B. shall be 25/32(as mention in D.B.schedule).
 - 10-No two different phase circuit /wire shall run together through same conduit.
 - 11-Light and power circuit shall be drawn through separate conduit.
 - 12-Wiring shall be carried out as per colour code i.e. R,Y&B phases and black neutral and green earth.
 - 13-The sequence of phase distribution in different apartment will be deferent for overall phase balancing.
 - 14-In case of two way fan ,the switch will be provided on main board while regulator will be provided on bed side board.
 - 15-TV/Tel. conduit size shall be:
 - (a)from L.V. shaft to TV /Tel. junction box:250
 - (b)from TV/Tel. J.B.to further distribution:25mm diameter.
 - 16-The conduit use for wiring shall be as follows:
 - (a)heavy duty (2mm thick) in r.c.c. slab
 - (b)medium duty (1.5mm thick) in brick wall
 - 17-Flexible conduit shall be used at expansion joint for electrical & L.V. wires.
 - 18-In case of any discrepancy in the drawing ,the same may be brought to the notice of electrical consultant for approval before execution.

SYMBOL	DESCRIPTION	HEIGHT
	SWITCH BOARD FOR GYSER	1050 MM
	ONE WAY SWITCH	1050 MM
	TWO WAY SWITCH	1050 MM
	FAN REGULATOR	1050 MM
	2nos. 6A SOCKET CONTROLLED BY 1 No. SWITCH (FOR T.V.)	900 MM
	6A SWITCH SOCKET OUTLET(FOR CHIMNEY)	2150 MM
	6A PLUG POINT	1050 MM
	6/16A POWER POINT	1050 MM
	25AMP SWITCH SOCKET FOR AC	2200 MM
	16A SWITCH SOCKET (KITCHEN GYSER)	2200 MM
	16A SWITCH SOCKET (TOILET GYSER)	1550 MM
	6A PLUG POINT (BED SIDE)	550 MM
	6A, SOCKET	AS/DWG
	EXHAUST FAN	2150 MM
	MIRROR LIGHT AT WASHBASIN	2000 MM
	TELEPHONE (BED SIDE)	550 MM
	FINAL DISTRIBUTION BOARD	1500 MM
	CALL BELL BUZZER	2250 MM
	DOOR CALL BELL SWITCH	1050 MM
	CEILING LIGHT	
	WALL MOUNTED FIXTURE	2100 MM
	1X18W T5 TUBE LIGHT	
	TV OUTLET	900 MM
	DATA POINT	
	OUT DOOR UNIT	
	INDOOR UNIT	2250 MM
	1200mm DIA CEILING FAN	CEILING
	900mm DIA CEILING FAN	CEILING
	DG DISPLAY UNIT	AS/DWG
	BULK HEAD LIGHT	1800 MM
	"T" INDICATION ON EMERGENCY LIGHT	
	POWER CONDUIT IN WALL/SLAB	25/32mm DIA
	TV CONDUIT IN SLAB	25/32mm DIA
	TELEPHONE CONDUIT IN SLAB	25/32mm DIA
	32mm DIA SUBMAIN CONDUIT	25/32mm DIA
	LIGHT CONDUIT IN WALL/SLAB	25/32mm DIA
	EMERGENCY CONDUIT IN WALL/SLAB	25/32mm DIA
	LIGHT LOOPING	
	EMERGENCY LIGHT LOOPING	
	NO. OF CIRCUIT	
	NO. OF SWITCH	
	NAME OF PHASE	
	HEAT DETECTOR	CEILING
	SMOKE DETECTOR	CEILING
	HOOTER	2200 MM
	CONTROL MODULE	2200 MM
	MANUAL CALL POINT	1050 MM
	ZONE MODULE UNIT	1050 MM
	FIRE CONDUIT IN SLAB	25 MM DIA
	FIRE LOOPING	

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PURPOSE OF DRAWING
G.F.C F.I.O TENDER

THIS DRAWING HAS TO BE READ IN CONJUNCTION WITH DRG. NO.

RES-AR-01 RES-AR-02 RES-AR-03

CLIENT : HORIZON BUILDCON PVT.LTD.

PROJECT :- HOUSING
SECTOR-86, NOIDA

DRAWING TITLE: TOWER-E
CEILING LAYOUT

SHEET TITLE

TOWER-E TYPICAL FLOOR ELECTRICAL PLAN

DRG. NO. AEA/P-109/1ST.FL/EL-01

DATE: 01/05/2014
SCALE: NTS
DETAIL: MANDEEP
CHECKED BY: NK

