

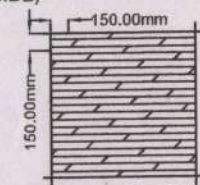
LEGEND:-

VH - RDSO TYPE VENTILATOR AT 300MM BELOW FROM CEILING.
W - WINDOW HEIGHT 1000mm WITH 400mm PROJECTED CHHAJJA.
E - EXHAUST FAN (HOLE 400mm DIA WIRE MESH FROM OUTSIDE)

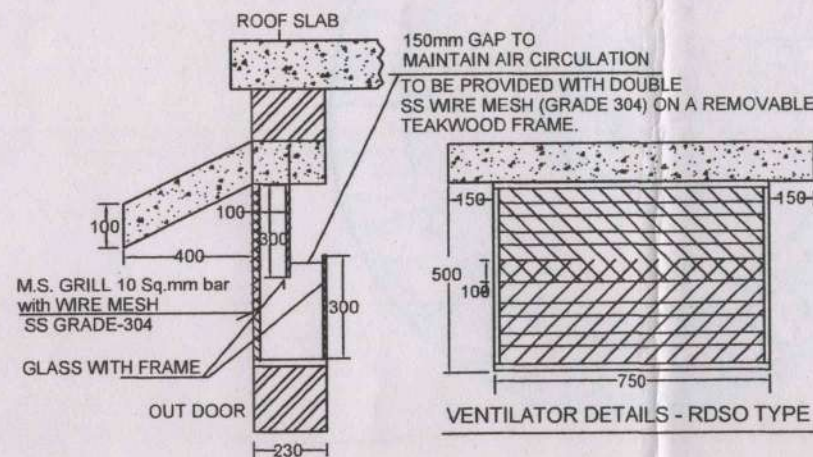
SYMBOL OF FAN -

SYMBOL OF SINGLE TUBE LIGHT -
SYMBOL OF DOUBLE TUBE LIGHT -

ALL DIMENSIONS ARE IN Meter. (NOT TO SCALE)



NOTE: Grill to be made in sections and to be welded and installed in windows.



- 1) FOUNDATION SHOULD BE PREPARED SUITABLE FOR G+2 & STRUCTURE.
- 2) FLOORING OF ALL ROOMS SHALL BE OF NON-SLIPPERY CERAMIC TILES. SKIRTING SHALL BE PROVIDED WHEREVER TILED FLOORING IS PROVIDED UP TO A HEIGHT OF 300mm.
- 3) PLATFORMS PROVIDED IN BATTERY ROOMS SHALL BE PROVIDED WITH ACID PROOF GLAZED CERAMIC TILES.
- 4) THE SPACE AT THE BOTTOM OF THE DOORS IN ALL ROOMS SHOULD BE BLOCKED BY SUITABLE STONE SLAB AND STANDARD PACKING MATERIAL TO PREVENT ENTRY OF INSECTS AND RODENTS.
- 5) DOORS OF RELAY ROOM SHALL BE PROVIDED WITH AUTOMATIC DOOR CLOSER AND DOUBLE LOCKING ARRANGEMENT.
- 6) ALL WINDOWS WILL BE PROVIDED WITH GRILL AND DOUBLE SHUTTERS.
- 7) STAINLESS STEEL WIRE MESH SHALL BE PROVIDED TO AVOID ENTRY OF INSECTS FROM WINDOWS.
- 8) DETAILS OF VENTILATORS (RDSO TYPE) FOR TELECOM, DG, IPS, BATTERY & RELAY ROOMS ARE GIVEN IN DRAWING.
- 9) ALL WALLS ARE 230 mm THICK (NOMINAL).
- 10) ALL DOORS & WINDOWS WILL BE OF STANDARD SIZE UNLESS INDICATED OTHERWISE.
- 11) ALL DOORS SHOULD BE SINGLE PANEL DOOR MADE OF PRESSED PLYWOOD WITH TEAK PLY FINISH.
- 12) PROJECTION (FOR RAIN WATER PROTECTION) REQUIRED ON THE VENTILATOR EXCEPT THOSE PROVIDED IN VERANDAH.
- 13) TIGHT CLOSING OF DOORS, WINDOWS & VENTILATORS AND USE OF EPDM RUBBER GASKETS TO BE ENSURED TO PREVENT DUST INGRESS.
- 14) BUILDING TO BE PROVIDED WITH SLANTING ROOF TO AVOID WATER SEEPAGE.
- 15) DOOR FRAME TO BE FOUR SIDED WITH TIGHT FLUSHING OF DOOR WITH THE HELP OF GASKET.
- 16) DETAILS OF ASM ROOM AS PER DRG. NO.WCR/PI/EQPT (07 SHEETS), DT:16.07.2013.
- 17) BUILDING HEIGHT - 3500mm. AS PER DRG. NO.WCR/PI/EQPT (07 SHEETS), DT:16.07.2013
- 18) PLINTH LEVEL OF BLDG. 1200MM FROM RAIL LEVEL.
- 19) SUFFICIENT AC TO BE PROVIDED AS PER COOLING REQUIREMENT IN RELAY ROOM. to maintain 28°C uniform Temp during summer season with spend by arrangement.
- 20) FLY ASH BRICKS SHOULD NOT BE USED.

All Electrical works to be done as per Technical Specification and scope of work to be finalized by Electrical (A). Window Ac with protective cage to be provided.

ADRM/O&I/BPL

DRM/BPL

Approved
Dy.CSTE/P/BPL

Sr.DSTE/Co/BPL

Sr./DEE/G/BPL

Sr./DEE/TRD/BPL

Sr./DEN/S/BPL

Sr.DEN/Co/BPL

Sr.DOM/BPL

Approved
ADSTE/P-II/BPL

Approved
ADSTE/M/ET

Approved
ADEN/ET

TRD done by Project
ADEE/TRD/ET

#
ADEE/GEN/BPL

Approved
JE/DRG/P/BPL

Approved
SSE/S/P/BPL

Approved
SSE/W/ET

Approved
SSE/SIG/M/ET

Approved
SSE/TELE/M/ET

Approved
SSE/ELE/GEN/ET

Approved
SSE/TRD/ET

Approved
TI/HD/ET

SIGNAL & TELECOMMUNICATION

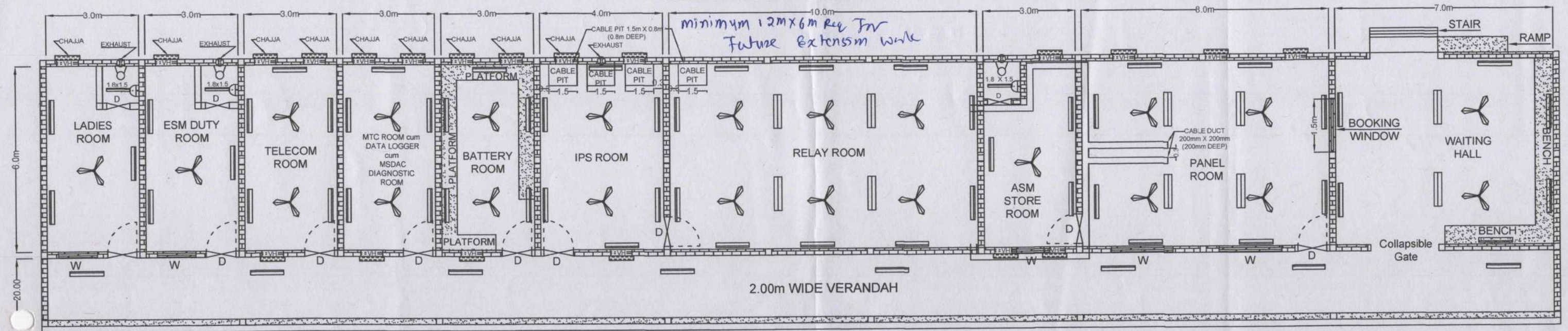
Tentative Typical Drawing of Signal & Telecom Building for EI work at Itarsi-B station

WCR DRG.NO.BPL/S&T/P/TEI/25-26

SH NO.01/04

* Separate Electrical Panel cum Duty Room must be Required

BUILDING FLOOR PLAN



TRACK SIDE

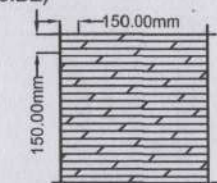
LEGEND:-

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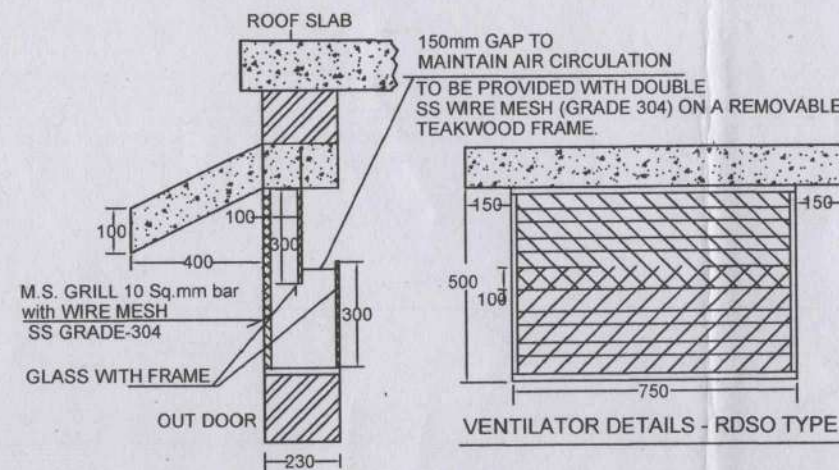
SYMBOL OF FAN -

SYMBOL OF SINGLE TUBE LIGHT -
SYMBOL OF DOUBLE TUBE LIGHT -

ALL DIMENSIONS ARE IN meter. (NOT TO SCALE)



PROPOSED SECTION OF GRILL
NOTE: Grill to be made in sections and to be weld and installed in window.



- 1) FOUNDATION SHOULD BE PREPARED SUITABLE FOR G+2 & STRUCTURE.
- 2) FLOORING OF ALL ROOMS SHALL BE OF NON-SLIPPERY CERAMIC TILES. SKIRTING SHALL BE PROVIDED WHEREVER TILED FLOORING IS PROVIDED UP TO A HEIGHT OF 300mm.
- 3) PLATFORMS PROVIDED IN BATTERY ROOMS SHALL BE PROVIDED WITH ACID PROOF GLAZED CERAMIC TILES.
- 4) THE SPACE AT THE BOTTOM OF THE DOORS IN ALL ROOMS SHOULD BE BLOCKED BY SUITABLE STONE SLAB AND STANDARD PACKING MATERIAL TO PREVENT ENTRY OF INSECTS AND RODENTS.
- 5) DOORS OF RELAY ROOM SHALL BE PROVIDED WITH AUTOMATIC DOOR CLOSER AND DOUBLE LOCKING ARRANGEMENT.
- 6) ALL WINDOWS WILL BE PROVIDED WITH GRILL AND DOUBLE SHUTTERS.
- 7) STAINLESS STEEL WIRE MESH SHALL BE PROVIDED TO AVOID ENTRY OF INSECTS FROM WINDOWS.
- 8) DETAILS OF VENTILATORS (RDSO TYPE) FOR TELECOM, DG, IPS, BATTERY & RELAY ROOMS ARE GIVEN IN DRAWING.
- 9) ALL WALLS ARE 230 mm THICK (NOMINAL).
- 10) ALL DOORS & WINDOWS WILL BE OF STANDARD SIZE UNLESS INDICATED OTHERWISE.
- 11) ALL DOORS SHOULD BE SINGLE PANEL DOOR MADE OF PRESSED PLYWOOD WITH TEAK PLY FINISH.
- 12) PROJECTION (FOR RAIN WATER PROTECTION) REQUIRED ON THE VENTILATOR EXCEPT THOSE PROVIDED IN VERANDAH.
- 13) TIGHT CLOSING OF DOORS, WINDOWS & VENTILATORS AND USE OF EPDM RUBBER GASKETS TO BE ENSURED TO PREVENT DUST INGRESS.
- 14) BUILDING TO BE PROVIDED WITH SLANTING ROOF TO AVOID WATER SEEPAGE.
- 15) DOOR FRAME TO BE FOUR SIDED WITH TIGHT FLUSHING OF DOOR WITH THE HELP OF GASKET.
- 16) DETAILS OF ASM ROOM AS PER DRG. NO. WCR/PI/EQPT (07 SHEETS), DT:16.07.2013.
- 17) BUILDING HEIGHT - 3500mm. AS PER DRG. NO. WCR/PI/EQPT (07 SHEETS), DT:16.07.2013
- 18) PLINTH LEVEL OF BLDG. 1200MM FROM RAIL LEVEL.
- 19) SUFFICIENT AC TO BE PROVIDED AS PER COOLING REQUIREMENT IN RELAY ROOM.
- 20) FLY ASH BRICKS SHOULD NOT BE USED.
- 21) STAIRCASE AND RAMP TO BE CONSTRUCTED FOR APPROACHING STATION BUILDING

ADRM/O&I/BPL

DRM/BPL

Dy.CSTE/P/BPL

Sr.DSTE/Co/BPL

Sr./DEE/G/BPL

Sr./DEE/TRD/BPL

Sr./DEN/S/BPL

Sr.DEN/Co/BPL

Sr.DOM/BPL

ADSTE/P-II/BPL

ADSTE/M/HD

ADEN/HD

TRD work by Project
ADEE/TRD/ET

ADEE/GEN/BPL

JE/DRG/P/BPL

SSE/S/P/BPL

SSE/WI

SSE/SIG/M

SSE/TELE/M

SSE/ELE/GEN/AD

SSE/TRD/KK/TI/AD

SIGNAL & TELECOMMUNICATION

Tentative Typical Drawing of Signal & Telecom Building for E.I. work for Surgaon Banjari, Charkheda Khurd & Barud station for high level platform

WCR DRG.NO.BPL/S&T/P/7E/25-26

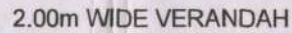
SH NO.04/04

* Separate Electrical panel room required.


All Electrical works to be done as per Technical Specification and scope of work to be finalized by Electrical (A). Windows AC with protective cage to be provided.

to maintain 25°C uniform temp. during summer season. with stand by arrangement.

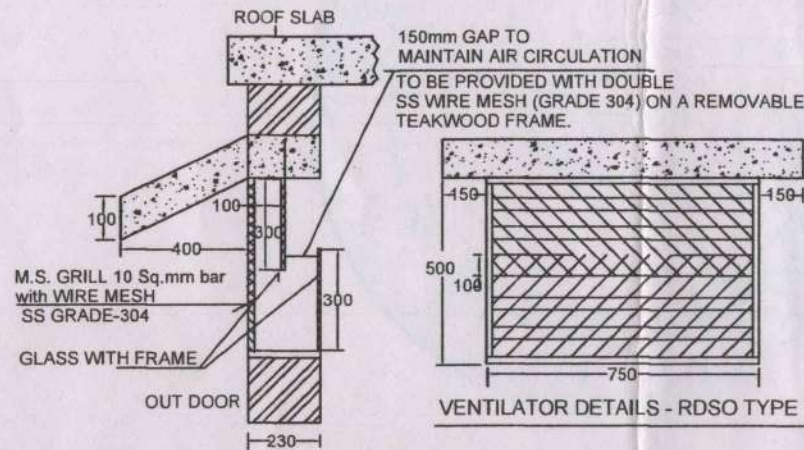
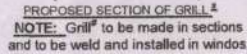
Minimum 12m x 6m Req. For Future
Extension wk.

[illegible]

VH – RDSO TYPE VENTILATOR AT 300MM BELOW FROM CEILING.
W – WINDOW HEIGHT 1000mm WITH 400mm PROJECTED CHHAJJA.
E – EXHAUST FAN(HOLE 400mm DIA WIRE MESH FROM OUTSIDE)

SYMBOL OF SINGLE TUBE LIGHT- 
SYMBOL OF DOUBLE TUBE LIGHT -

ALL DIMENSIONS ARE IN meter. (NOT TO SCALE)



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- 18) PLINTH LEVEL OF BLDG. 1200MM FROM RAIL LEVEL.
- 19) SUFFICIENT AC TO BE PROVIDED AS PER COOLING REQUIREMENT IN RELAY ROOM. *# to maintain 28°C uniform temp during summer*
- 20) FLY ASH BRICKS SHOULD NOT BE USED.

All Electrical works to be done as per technical specification and scope of work to be finalized by Electrical (i).
Window A/C with protective cage to be provided.

DRM/BPL

Sr.DSTE/Co/BPL

Sr./DEE/G/BPL

Sr./DEE/TRD/BPL

Sr./DEN/S/BPL

Sr.DEN/Co/BPL

Sr.DOM/BPL

ADSTE/M/HD

ADEN/HD

TRD work by [signature]
ADEE/TRD/ET

ADEE/GEN/BPL

SSE/S/P/BPL

SSE/W/

SSE/SIG/M/

SSE/TELE/M/

SSE/ELE/GEN/ RD

SSE/TRD/~~K~~KN TI/~~HD~~

Tentative Typical Drawing of Signal & Telecom
Building for E.I. work for CHHANERA &
DAGARKHEDI station

WCR DRG.NO.BPL/S&T/P/7EI/25-26

SH NO.03/04

* Separate electrical panel room required.

3.0m 3.0m 4.0m 10.0m 3.0m 8.0m 7.0m

CHAJJA EXHAUST CHAJJA CHAJJA CHAJJA EXHAUST CABLE PIT 1.5m X 0.8m (0.8m DEEP) EXHAUST CABLE PIT 1.5m X 0.8m (0.8m DEEP) EXHAUST CABLE PIT 1.5m X 0.8m (0.8m DEEP) EXHAUST CABLE PIT 1.5m X 0.8m (0.8m DEEP) EXHAUST

1.8 X 1.5 D

PLATFORM

1.5m 1.5m 1.5m 1.5m

Minimum 12.0m Ref. for Future Extension Work.

6.0m

MTC ROOM cum DATA LOGGER cum MSDAC DIAGNOSTIC ROOM

BATTERY ROOM

IPS ROOM

RELAY ROOM

ASM STORE ROOM

PANEL ROOM

CABLE DUCT 200mm X 200mm (200mm DEEP)

1.5m

BOOKING WINDOW

WAITING HALL

BENCH

2.00m WIDE VERANDAH

20.00

Collapsible Gate

STAIR RAMP

* Seperate Electrical Panel/room required.