

EARTHING NOTE:-

1. FOR TRANSFORMER AND DG SET
BODY EARTHING :-
i) 80MM DIA. PIPE IN PIPE 40MM DIA G.I. PIPE
OUTER DIA / INNER DIA (80/40MM)- 3MTR.
LONG CHEMICAL EARTHING
TRANSFORMER & DG BODY & FROM EQUIPMENT
TO LT PANEL TO BE INTERCONNECTED
NEUTRAL EARTHING :-
ii) 80mm DIA. COPPER PIPE IN PIPE 40mm DIA
DIA/ INNER DIA (80/40MM)-3MTR. LONG CHEMICAL EARTHING
NEUTRAL EARTHING
PIT TO TRANSFORMER & DG ALTERNATOR TO BE
INTERCONNECTED
2. EARTING FOR 2500KVA TRANSFORMER
i) BODY EARTHING :- 75 X 10MM G.I. STRIP
ii) NEUTRAL EARTHING FOR DG SET :- 65 X 10MM
COUPPER STRIP
3. EARTING FOR 1600,1000,630,KVA T/F
EARTING FOR 1500,1250,750,500,365KVA DG SET
ALL TYPE PANEL
i) BODY EARTHING :- 50 X 6MM G.I. STRIP
ii) NEUTRAL EARTHING:- 50 X 6MM
COUPPER STRIP
4. FOR EXTERNAL LIGHTING FEEDER PILLAR
FROM EARTHING STRIP 40mm DIA
TO FEEDER PILLAR 8SWG GI WIRE
5. EARTING FOR LIGHTING PROTECTION
i) ARTHING :- 32 X 6MM G.I. STRIP

NOTES :

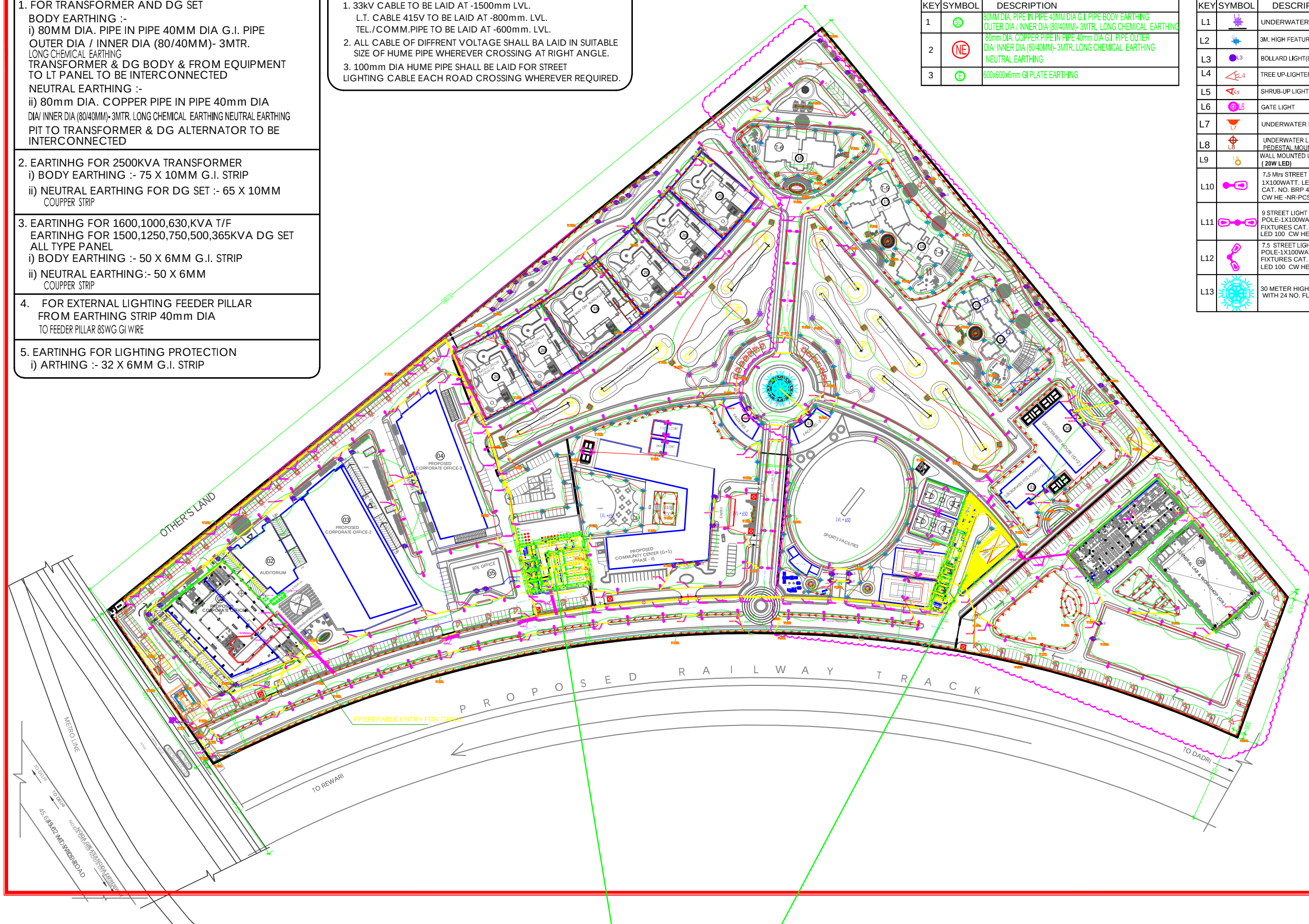
1. 33KV CABLE TO BE LAID AT -1500mm LVL.
L.T. CABLE 415V TO BE LAID AT -800mm. LVL.
TEL./COMM.PIPE TO BE LAID AT -600mm. LVL.
2. ALL CABLE OF DIFFRENT VOLTAGE SHALL BA LAID IN SUITABLE
SIZE OF HUME PIPE WHEREVER CROSSING AT RIGHT ANGLE.
3. 100mm DIA HUME PIPE SHALL BE LAID FOR STREET
LIGHTING CABLE EACH ROAD CROSSING WHEREVER REQUIRED.

LANDSCAPE LIGHTING LEGEND & BOQ

KEY	SYMBOL	DESCRIPTION
1		80MM DIA. PIPE IN PIPE 40MM DIA G.I. PIPE BODY EARTHING OUTER DIA / INNER DIA (80/40MM)- 3MTR. LONG CHEMICAL EARTHING
2		80mm DIA. COPPER PIPE IN PIPE 40mm DIA G.I. PIPE OUTER DIA/ INNER DIA (80/40MM)- 3MTR. LONG CHEMICAL EARTHING NEUTRAL EARTHING
3		600x600x6mm GI PLATE EARTHING

LANDSCAPE LIGHTING LEGEND & BOQ

KEY	SYMBOL	DESCRIPTION	QTY.
L1		UNDERWATER LED STRIP LIGHT	370MT
L2		3M. HIGH FEATURE POLE LIGHT(30W)	155
L3		BOLLARD LIGHT(8W LED) 300MM HT.	76
L4		TREE UP-LIGHTER (9W LED)	97
L5		SHRUB-UP LIGHTER (3W LED)	828
L6		GATE LIGHT	02
L7		UNDERWATER LIGHT -FLOOR RECESSED (18W LED)	16
L8		PEDESTAL MOUNTED (13W LED)	51
L9		WALL MOUNTED UP & DOWN LIGHTS (20W LED)	84
L10		7.5 Mtrs STREET LIGHT POLE- 1X100WATT. LED LIGHT FIXTURES CAT. NO. BRP 410 LED 100 CW HE -NR-PCS2 PSUER	184
L11		9 STREET LIGHT DUAL ARM POLE-1X100WATT. LED LIGHT FIXTURES CAT. NO. BRP 410 LED 100 CW HE -NR-PCS2 PSUER	21
L12		7.5 STREET LIGHT DUAL ARM POLE-1X100WATT. LED LIGHT FIXTURES CAT. NO. BRP 410 LED 100 CW HE -NR-PCS2 PSUER	14
L13		30 METER HIGH MUST 320WATT WITH 24 NO. FLOOD LIGHT	01



Client:
Dedicated Freight Corridor
Corporation of India Ltd.
(Noida Unit)

Project :
Proposed DFCCIL Integrated Office
Cum Residential Complex , Sec 145 ,
Jhutta , Noida (UP)

Title :
ELECTRICAL SUB-STATION &
LIGHTING LAYOUT PLAN

drawing released for :
☐ DPR ☒ CONSTRUCTION
☐ AUTHORITY ☐ APPROVAL

Dwg. no. EL-1 Date: 13.01.2021

Scale: NTS Revision: RO

Drawn by: R.P. Ckd by: D.P.A

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