

EARTHING NOTE:-

- 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
- EARTINGH FOR 2500KVA TRANSFORMER
i) BODY EARTHING :- 75 X 10MM G.I. STRIP
ii) NEUTRAL EARTHING FOR DG SET :- 65 X 10MM
COUPPER STRIP
- EARTINGH FOR 1600,1000,630,KVA T/F
EARTINGH 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
- FOR EXTERNAL LIGHTING FEEDER PILLAR
FROM EARTHING STRIP 40mm DIA
TO FEEDER PILLAR 8SWG GI WIRE
- EARTINGH FOR LIGHTING PROTECTION
i) ARTHING :- 32 X 6MM G.I. STRIP

NOTES :

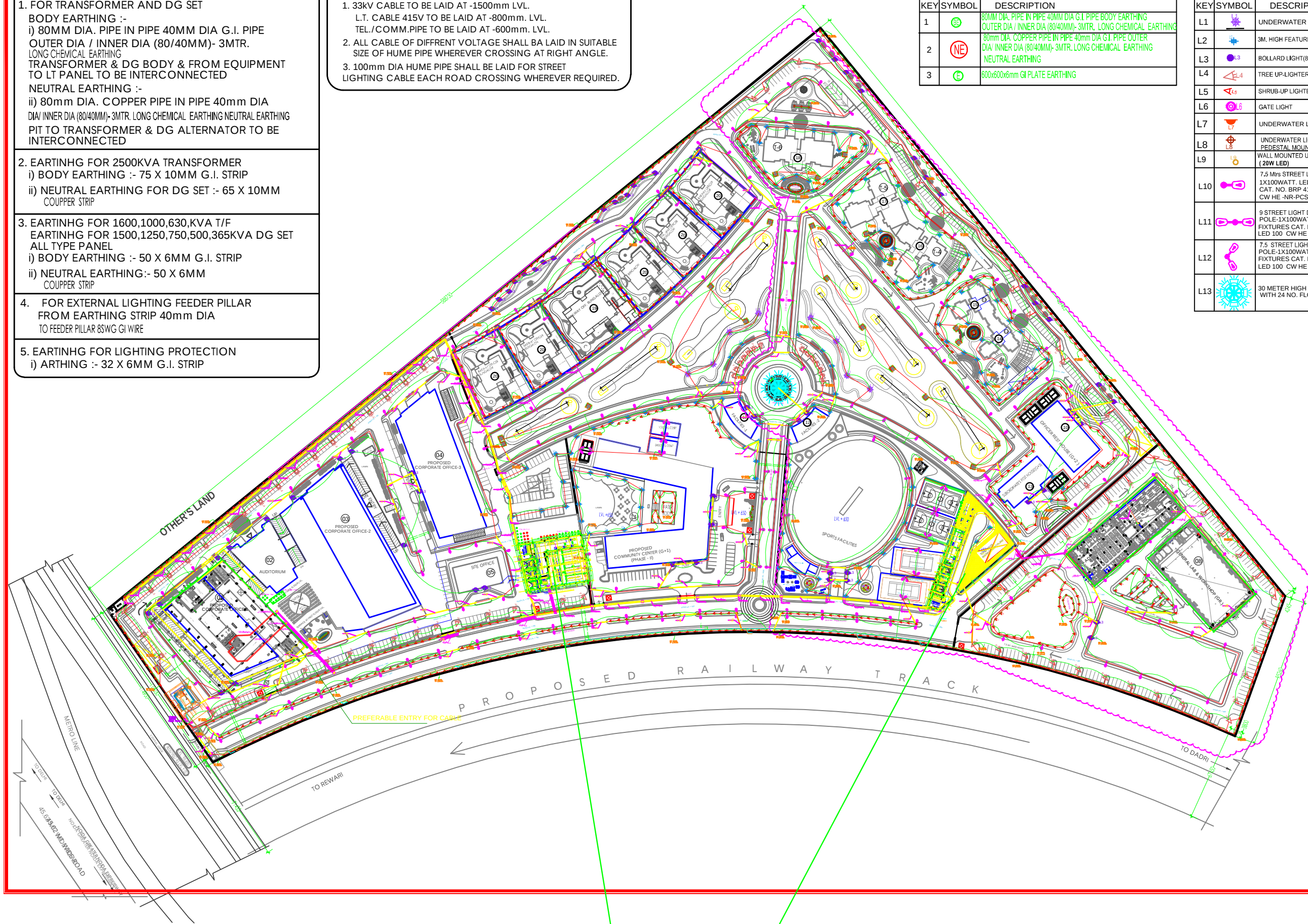
- 33KV CABLE TO BE LAID AT -1500mm LVL.
L.T. CABLE 415V TO BE LAID AT -800mm. LVL.
TEL./COMM.PIPE TO BE LAID AT -600mm. LVL.
- ALL CABLE OF DIFFRENT VOLTAGE SHALL BA LAID IN SUITABLE
SIZE OF HUME PIPE WHEREVER CROSSING AT RIGHT ANGLE.
- 100mm DIA HUME PIPE SHALL BE LAID FOR STREET
LIGHTING CABLE EACH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

Architects
SPACE COMBINE
Architects, Engineers, Planners
A/1112 SAFARJUNG ENCLAVE,
Ph.No- 46150000
NEW DELHI 110029

