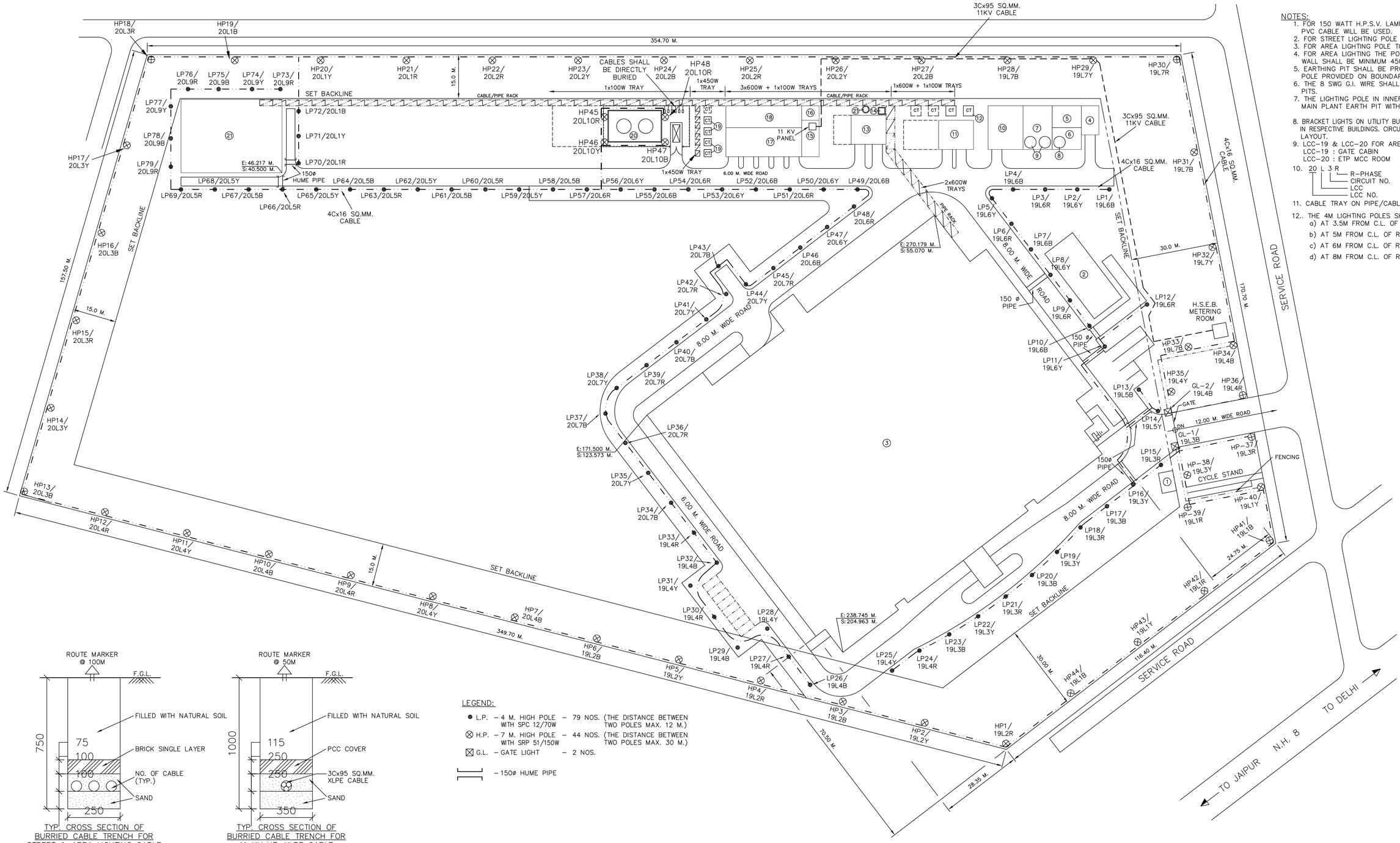

NOTES:

1. FOR 150 WATT H.P.S.V. LAMP 4Cx16 SQ.MM. 1.1 KV GRADE ARMD. PVC CABLE WILL BE USED.
2. FOR STREET LIGHTING POLE TO POLE DISTANCE APPROX. 12 M.
3. FOR AREA LIGHTING POLE TO POLE DIATANCE APPROX. 30 M.
4. FOR AREA LIGHTING THE POLE DISTANCE FROM THE BOUNDARY WALL SHALL BE MINIMUM 450MM.
5. EARTHING PIT SHALL BE PROVIDED AT EVERY 100M RUN OF LIGHTING POLE PROVIDED ON BOUNDARY ROUTE.
6. THE 8 SWG G.I. WIRE SHALL BE USED TO CONNECT THESE EARTHING PITS.
7. THE LIGHTING POLE IN INNER ROADS SHALL BE CONNECTED WITH MAIN PLANT EARTH PIT WITH 8 SWG G.I. WIRE.
8. BRACKET LIGHTS ON UTILITY BUILDINGS SHALL BE ENERGISED BY LCC MOUNTSD IN RESPECTIVE BUILDINGS. CIRCUIT DETAILS ARE INDICATED IN UTILITY LIGHTING LAYOUT.
9. LCC–19 & LCC–20 FOR AREA LIGHTING ARE LOCATED AS BELOW
   LCC–19 : GATE CABIN
   LCC–20 : ETP MCC ROOM
10. 20 L 3 R
    - R–PHASE
    - CIRCUIT NO.
    - LCC
    - LCC NO.
11. CABLE TRAY ON PIPE/CABLE RACK WILL BE ON TOP OF RACK.
12. THE 4M LIGHTING POLES SHALL GENERALLY BE LOCATED AS FOLLOWS
    a) AT 3.5M FROM C.L. OF ROAD 3M ROAD
    b) AT 5M FROM C.L. OF ROAD 6M ROAD
    c) AT 6M FROM C.L. OF ROAD 8M ROAD
    d) AT 8M FROM C.L. OF ROAD 12M ROAD

TYP. CROSS SECTION OF BURRIED CABLE TRENCH FOR STREET & AREA LIGHTING CABLE

TYP. CROSS SECTION OF BURRIED CABLE TRENCH FOR 11 KV HT. XLPE CABLE

LEGEND:

- ● L.P. – 4 M. HIGH POLE WITH SPC 12/70W – 79 NOS. (THE DISTANCE BETWEEN TWO POLES MAX. 12 M.)
- ⊗ H.P. – 7 M. HIGH POLE WITH SRP 51/150W – 44 NOS. (THE DISTANCE BETWEEN TWO POLES MAX. 30 M.)
- ⊠ G.L. – GATE LIGHT – 2 NOS.
- ═══ – 150ø HUME PIPE

Y K K

SCALE = N.T.S.

DRAWING NO.	REFERENCE DRAWING

REV. NO.	DATE	REVISIONS	BY	CHK	DEPT. HEAD	CHIEF ENGR.	PROJ. MGR.
1	25.10.96	RELEASED FOR CONSTRUCTION.					
0	05.08.96	ISSUED FOR APPROVAL	PT	AKC	KI		

AREA LIGHTING LAYOUT (OUTDOOR)

Y. K. K. INDIA PVT. LTD. BAWAL (HARYANA)

DEPL
Diverse Enterprises Pvt. Ltd.
Engineers & Consultants
New Delhi

7005–LLA–06

REV. 1