The Light Pole Base can ONLY be installed on bridges where there is a traffic barrier between the Light Pole and the vehicle traffic.

This drawing is provided for the purpose of maintaining existing light pole bases only and is NOT to be used for the installation of a NEW light pole.

Notes:
1. FOR SURFACE TREATMENT TO LIGHT POLE BASE REFER TO THE SPECIFICATION.
2. ALL NUTS, BOLTS AND WASHERS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AS 1290, NUTS AND SCREWS IN PLATES SHALL BE TAPPED INSTEAD TO SUIT.
3. ALL STRUCTURAL STEEL, HOLLOW SECTIONS SHALL BE MINIMUM GRADE C400 IN ACCORDANCE WITH AS 4082.
4. UNLESS OTHERWISE SPECIFIED ALL STRUCTURAL STEEL SECTIONS SHALL BE MINIMUM 300 IN ACCORDANCE WITH AS 4082.
5. ALL STRUCTURAL STEEL PLATE SHALL BE MINIMUM GRADE 250 IN ACCORDANCE WITH AS 1338.
6. FABRICATION SHALL COMPLY WITH THE REQUIREMENTS OF AS 4406-4 Stability of Steel Structures.
7. ALL WELDING SHALL BE GENERAL PURPOSE IN ACCORDANCE WITH AS 1113.
8. ALL BOLTS SHALL BE SUPPLIED WITH NUTS & WASHERS WHERE SHOWN UNLESS OTHERWISE SPECIFIED ALL BOLTING, NUTS AND WASHERS SHALL BE COMMERCIAL GRADE 3-30 MINIMUM 300 IN ACCORDANCE WITH AS 1111 & AS 1112.
9. LIGHT POLE BASE SHALL BE INSTALLED VERTICAL, CARE SHALL BE TAKEN TO ENSURE THAT THE BALUSTRADE FIXING BRACKETS ARE AT A HEIGHT SUITABLE TO ENSURE A SMOOTH BALUSTRADE PROFILE.
10. DRY PACK MORTAR TO BE MADE FROM CLEAN DRY SAND AND ORDINARY PORTLAND CEMENT AND WATER IN THE PROPORTION OF 1:3.6, WITH THE ADDITION OF THE MINIMUM AMOUNT OF WATER NECESSARY FOR WORKABILITY.
11. JUNCTION BOX COVER SHALL FIT FLUSH WITH THE TOP OF THE MOUNTED COVER AND COVER FIXING SCREWS SHALL BE SCREWED IN SUCH A MANNER TO ENSURE EASY REMOVAL.
12. ALL P.V.C. LEADING CONDUIT SHALL BE FITTED WITH A 2.5MM² SHEATHED DRAIN WIRE.
13. CONCRETE SHALL BE CLASS 3.15.
14. REINFORCEMENT SHALL BE IN ACCORDANCE WITH AS 3600-600 MPA.
15. REINFORCEMENT DESIGNED TO 1807 (Austroads) Bridge Design Code Using Grade 450 MPA.
17. FOR DETAILS OF CUTTING & BENDING OF REINFORCEMENT REFER TO SPECIFICATION.
18. MINIMUM COVER TO REINFORCEMENT IN LIGHT POLE BASE TO BE 30MM UNLESS OTHERWISE NOTED.

SECTION ELEVATION

BAR MARK KEY

25 NB PVC DRAIN PIPE SCREEN MORTAR AT BASE OF PIT TO DRAIN

JUNCTION BOX: FOR LOCATION REFER TO ELECTRICAL SERVICES DRAWING

CONDUIT REFER TO ELECTRICAL SERVICES DRG

DRY PACK MORTAR SEE NOTE 18

BEND #50 MM (TYP)

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.

BALUSTRADE FIXING BRACKET REFER TO NOTE 9 AND DRG N° 8934-44, SECTION 15

NOTE: 6 PL DOOR NOT SHOWN

MOUNTING BRACKET REFER TO DETAIL

CONCRETE - SEE NOTE 13, DRY SURFACE OF CONCRETE TO DRAW AS SHOWN.