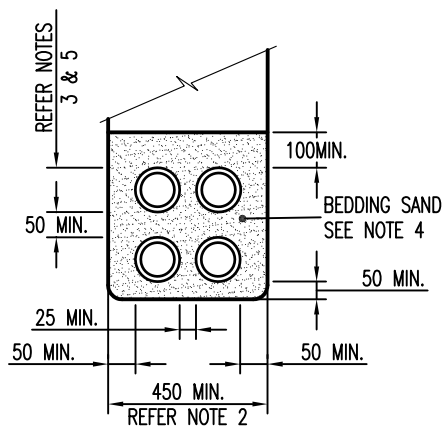


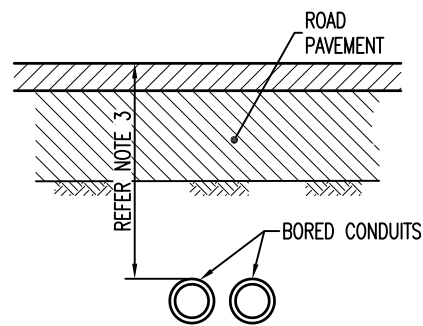
ONLY APPLIES WHERE PAVEMENT IS REINSTATED BEFORE SURFACING IS UNDERTAKEN. OTHERWISE THE REQUIREMENTS AS PER NOTE 9 APPLY.

**LEGEND**

- ⊕ INITIAL SAWCUT FOR TRENCH
- † ADDITIONAL SAWCUT ON COMPLETION OF BACKFILL



**MULTIPLE CONDUITS**



**BORED CONDUITS**

**NOTES:**

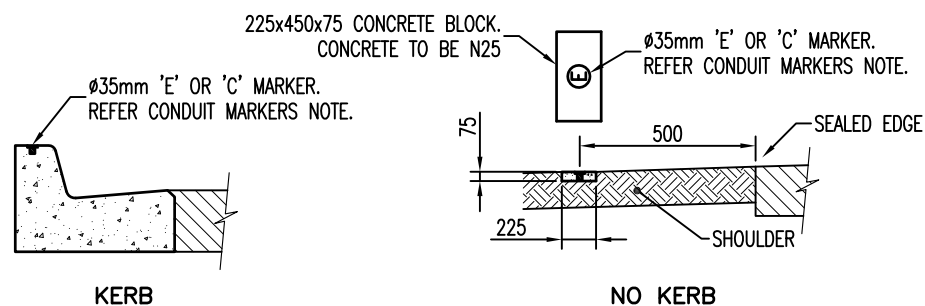
1. FOR TRAFFIC SIGNALS AND RATE 3 LIGHTING THE CONDUIT SYSTEM TO BE USED IS CATEGORY A CONDUIT TYPE (A) COMPLYING WITH AS3000 EXCEPT THE DEPTHS SHALL BE AS SHOWN IN NOTE 3.
2. WITH THE APPROVAL OF THE SUPERINTENDENT THE MINIMUM WIDTH OF THE TRENCH MAY BE LESS THAN 450mm PROVIDED THAT AT LEAST 50mm CLEARANCE BETWEEN THE EDGE OF DUCT AND TRENCH WALL IS MAINTAINED.
3. CONDUIT DEPTHS AS FOLLOWS:

|                   | TRENCH  |         | BORED   |         |
|-------------------|---------|---------|---------|---------|
|                   | MINIMUM | MAXIMUM | MINIMUM | MAXIMUM |
| ROADWAY           | 750     | 1200    | 1500*   | 2000    |
| FOOTWAY OR ISLAND | 600     | 750     | 900     | 1100    |

\* WHERE THE LOCATION OF THE PIT AT THE END OF THE ROAD CROSSING, OR THE CONDUIT PASSES UNDER A MEDIAN CONNECTION OR PIT, THE BORE MAY RISE TO A MINIMUM 1200 TO ALLOW CONDUITS TO ENTER THE PIT(S). PERMANENTLY MARK THE BORE LOCATION AT ALL KERB AND PAVEMENT EDGE LOCATIONS.

THE DEPTH MAY ONLY BE ALTERED AND/OR THE REDUCED COVER REQUIREMENTS USED WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:

- (i) THE CONDUITS CANNOT BE INSTALLED IN ACCORDANCE WITH THE ABOVE TABLE;
- (ii) THE CONDUIT SYSTEM REMAINS CATEGORY A (AS DEFINED IN AS3000); AND
- (iii) IT IS APPROVED BY THE SUPERINTENDENT PRIOR TO INSTALLATION.



**CONDUIT MARKERS**

ALL CONDUIT ROAD CROSSING LOCATIONS SHALL BE CLEARLY MARKED WITH A Ø35mm STAINLESS STEEL OR BRASS 'E' MARKER FOR ELECTRICAL CONDUIT OR 'C' MARKER FOR COMMUNICATIONS CONDUIT. THE MARKERS SHALL BE SECURELY EMBEDDED IN THE KERB DIRECTLY ABOVE THE CONDUITS. WHERE NO KERB EXIST, MARKERS SHALL BE PLACED AS SHOWN ABOVE, DIRECTLY ABOVE CONDUITS.

| ISSUE | AMENDMENT   | DRAWN DATE | CHK'D DATE | APPR'D DATE |
|-------|---|------------|------------|-------------|
| C     | Type LV6 and LV7 Removed From Dwg., Earth Electrode Req. for LV3 & LV4 and Note 11 Add.             | DJL 07/12  | IC 08/12   | IC 08/12    |
| B     | Dwg No. Changed, Conduit Markers & Depth Table Add, Bored Conduit Depths Mod, DMR MRS Spec Ref Rem. | Nov '09    | IC 12/10   | PC 01/11    |
| A     | ORIGINAL ISSUE  | Nov.'04    | Feb '05    | Feb '05     |

| DESIGN           | CD (Traffic Sig)         | DATE | Oct '04 |
|------------------|--------------------------|------|---------|
| DRAWN            | CD (Traffic Sig)         | DATE | Nov '04 |
| CHECKED          | UMD (T&T Signals)        | DATE | Feb '04 |
| DRAWING FILENAME | UMS 600_024              |      |         |
| ASSOCIATED PLANS | Previous Dwg No. UMS 618 |      |         |



**BRISBANE CITY COUNCIL STANDARD DRAWING**

**TRAFFIC SIGNAL DUCTS  
INSTALLATION DETAIL  
LOW VOLTAGE (240V) CONDUITS**

| SCALE         | NOT TO SCALE |
|---------------|--------------|
| DWG No.       | UMS 600/024  |
| ORIGINAL SIZE | A3           |
| REVISION      | C            |