BRISBANE CITY COUNCIL STANDARD DRAWING

SECTION

16 ROD 80 LONG
100x12 PMS
100x20 PMS
65NB (LT) PIPE

4.1m POST
120

65NB (LT) PIPE

POST CAP

600

TOP PLATE

DESIGN NOTES

DESCRIPTION:
3m EXTENSION TO BRISBANE CITY COUNCIL 4.1m TRAFFIC SIGNAL POSTS FOR MOUNTING TRAFFIC
CAMERAS.

PERFORMANCE CRITERIA:
1. TO BE USED ON BRISBANE CITY COUNCIL 4.1m TRAFFIC SIGNAL POSTS.
2. POSTS MUST BE MOUNTED ON STANDARD BRISBANE CITY COUNCIL 4-H24, 350P.C.D. x 2m DEEP
FOOTING AS PER BSD-4130. WHERE BRACKET IS TO BE MOUNTED ON POSTS WITH AN INFERIOR
FOOTING, POST FOOTING MUST BE UPGRADED TO REQUIRED LEVEL.
3. IN ADDITION TO THE CAMERA BRACKET PEDESTALS MAY SUPPORT EITHER OF THE FOLLOWING LOADS:
   • 2 x TWO ASPECT, SINGLE COLUMN DISPLAY, 3500 LANTERNS;
   • 2 x THREE ASPECT, TWO COLUMN DISPLAY, 6000 LANTERNS.
   • 2 x FOUR ASPECT, TWO COLUMN DISPLAY, 8000 LANTERNS;
   • DISPLAYS WITH A LOWER SAIL AREA AND WEIGHT THAN ABOVE.
4. BRACKETS ARE CAPABLE OF SUPPORTING 1 x only CAMERA. CAMERA MUST BE MOUNTED IN EITHER:
   • PELOD, E300C/E310 SERIES POSITIONING SYSTEM;
   • ENCLOSURE WITH TOTAL MAXIMUM SAIL AREA OF 0.1m² AND WEIGHT OF 15kg.
5. BRACKETS MAY BE USED WITHIN BRISBANE CITY COUNCIL LIMITS AND ARE DESIGNED TO PERFORM
SATISFACTORILY DURING BRISBANE CITY COUNCIL SPECIFIED ULTIMATE LIMIT STATE WIND SPEEDS.

FABRICATION NOTES
1. PIPE TO AS1163, GRADE 250 OR 350.
2. RINGS TO AS1163, GRADE 350.
3. PLATE TO AS3678, GRADE 300 U.N.O.
4. STAINLESS STEEL FITTINGS GRADE 321.
5. WELDING TO AS1954.1 D.P. U.N.O.
6. POLE INTERNAL OUTREACHES TO BE OPPOSITE DOOR.
7. WELDING ELECTRODES E60XX OR E65XX.
8. STEEL TO BE H.D.G. TO AS/NZS4488 AFTER FABRICATION.
9. WELDS TO BE OWN FILLET U.N.O.
10. TAP ALL THREADS AFTER GALVANISING.
11. TOUGHNESS AS PER STO001 U.N.O.
12. PROVIDE VENT HOLES AT CONNECTIONS.
13. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

SPECIAL NOTE:
STANDARD DRAWING (BASED ON GM POLES PTY LTD
DRAWING WS382760-2.
DESIGN CERTIFIED IN ENGINEERING STATEMENT DATED
12 APRIL 2010, SIGNED BY ROB RADELS (REP
8928) ENGINEERING MANAGER, GM POLES PTY LTD.

Brisbane City Council Standard Drawing
Traffic Camera Mount Options - Fab. Details
3m Pedestal Extension

A3

Bsd-4130