MOUNTING PLATE

MOUNTING PLATE SUPPLIED c/w 3 SETS OF U-BOLTS TO SUIT 100NB, 125NB & 150NB PIPE c/w 2x NUT, 2x SPRING WASHER & 2x OVERSIZE WASHER.

PLASTIC CAP WHEN ESPIRT IS NOT IN USE.

M10-50 LOCKING BOLT, #12 HOLE TO BE DRILLED IN POLE.

1/2" NPT SOCKET

DESIGN NOTES

DESCRIPTION:
1.5m OUTREACH FOR TRAFFIC CAMERA TO BE MOUNTED ONTO BCC JOINT-USE POLES OR BCC JOINT-USE MAST ARMS AT LOCATIONS WHERE THE POLE DIAMETER IS WITHIN 115-155mm.

PERFORMANCE CRITERIA:
1. TO BE USED ON 7m, 8.5m OR 10m BCC JOINT USE POLES OR BCC TAPERED ROUND JOINT USE MAST ARMS.
2. POLES AND MAST ARMS TO HAVE SINGLE LUMINAIRE OUTREACHES ONLY.
3. BRACKETS MUST BE MOUNTED AT LEAST 1.5m FROM THE TOP OF THE POLE (E.G. 8.5m FROM GROUND ON A 10m POLE).
4. BRACKETS ARE CAPABLE OF SUPPORTING 1 X ONLY CAMERA.
   - BOSCH MIC 700 SERIES;
   - ENCLOSURE WITH TOTAL MAXIMUM: WALL 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 BCC SPECIFIED ULTIMATE LIMIT STATE WIND SPEEDS.

MANUFACTURING NOTES

1. PIPE TO AS1163, GRADE 250 OR 350
2. RHS TO AS1163, GRADE 350
3. PLATE TO AS3678, GRADE 300 U.N.O.
4. STAINLESS STEEL FIXINGS GRADE 304
5. WELDING TO AS1554.1 G.P. U.N.O.
6. POLE INTEGRAL OUTREACHES TO BE OPPOSITE DOOR
7. WELDING ELECTRODES E46X6 OR W50X
8. STEEL TO BE H.D.O. TO AS/NZS4680 AFTER FABRICATION
9. WELDS TO BE 6X6M FILLET U.N.O.
10. TAP ALL THREADS AFTER GALVANISING.
11. TOLERANCES AS PER STD001 U.N.O.
12. PROVIDE VENT HOLES AT CONNECTIONS
13. ALL DIMENSIONS IN MILLIMETRES (U.N.O.)

SPECIAL NOTE:
STANDARD DRAWING BASED ON POLES PTY LTD
DRAWING W338276B-1
DESIGN CERTIFIED IN ENGINEERING STATEMENT DATED 12 APRIL 2010, SIGNED BY ROB WALTERS (RPFQ 6228) ENGINEERING MANAGER, GM POLES PTY LTD.

BRISBANE CITY COUNCIL STANDARD DRAWING
UNIVERSAL 1.5m CAMERA OUTREACH FABRICATION DETAILS

BSD-4129
NOT TO SCALE
A3 8