



DESIGN NOTES

DESCRIPTION:

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

PERFORMANCE CRITERIA:

- TO BE USED ON BRISBANE CITY COUNCIL 4.1m TRAFFIC SIGNAL POSTS.
- POSTS MUST BE MOUNTED ON STANDARD BRISBANE CITY COUNCIL 4-M24, 350P.C.D. x 2m DEEP FOOTING AS PER BSD-4151. WHERE BRACKET IS TO BE MOUNTED ON POSTS WITH AN INFERIOR FOOTING, POST FOOTING MUST BE UPGRADED TO REQUIRED LEVEL.
- IN ADDITION TO THE CAMERA BRACKET PEDESTALS MAY SUPPORT EITHER OF THE FOLLOWING LOADS:
 - 2 x TWO ASPECT, SINGLE COLUMN DISPLAY, Ø300 LANTERNS;
 - 2 x THREE ASPECT, TWO COLUMN DISPLAY, Ø200 LANTERNS.
 - 2 x FOUR ASPECT, TWO COLUMN DISPLAY, Ø200 LANTERNS;
 - DISPLAYS WITH A LOWER SAIL AREA AND WEIGHT THAN ABOVE.
- BRACKETS ARE CAPABLE OF SUPPORTING 1 X ONLY CAMERA. CAMERA MUST BE HOUSED IN EITHER:
 - BOSCH MIC IP STARLIGHT;
 - ENCLOSURE WITH TOTAL MAXIMUM: SAIL AREA OF 0.1m² AND WEIGHT OF 15kg.
- 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

- PIPE TO AS1163, GRADE 250 OR 350.
- RHS TO AS1163, GRADE 350.
- PLATE TO AS3678, GRADE 300 U.N.O.
- STAINLESS STEEL FIXINGS GRADE 304.
- WELDING TO AS1554.1 G.P. U.N.O.
- POLE INTEGRAL OUTREACHES TO BE OPPOSITE DOOR.
- WELDING ELECTRODES E48XX OR W50X.
- STEEL TO BE H.D.G. TO AS/NZS4680 AFTER FABRICATION.
- WELDS TO BE 6mm FILLET U.N.O.
- TAP ALL THREADS AFTER GALVANISING.
- TOLERANCES AS PER STD001 U.N.O.
- PROVIDE VENT HOLES AT CONNECTIONS.
- ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

SPECIAL NOTE:

STANDARD DRAWING BASED GM POLES PTY LTD DRAWING WS38276B-2. DESIGN CERTIFIED IN ENGINEERING STATEMENT DATED 12 APRIL 2010, SIGNED BY ROB WALTERS (RPEQ: 6228) ENGINEERING MANAGER, GM POLES PTY LTD.

THE PURPOSE OF THIS STANDARD DRAWING IS TO PROVIDE TYPICAL DETAILS THAT SUPPORT THE DESIRED OUTCOMES OF THE BRISBANE CITY PLAN 2014 AND ASSOCIATED PLANNING SCHEME POLICIES. THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHOULD BE ASSESSED AND ACCEPTED BY AN APPROPRIATELY QUALIFIED DESIGNER AND/OR REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).



BRISBANE CITY COUNCIL STANDARD DRAWING

TRAFFIC CAMERA MOUNT
OPTIONS - FAB. DETAILS
3m PEDESTAL EXTENSION

PUBLISH DATE		JUN 2023
SCALE		NOT TO SCALE
DRAWING NUMBER		BSD-4130
ORIGINAL SIZE	REVISION	
A3	B	