

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:
 - PELCO, ES30C/ES31C SERIES POSITIONING SYSTEM;
 - 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.

					DRAWING AUTHORISED FOR PUBLICATION					BRISBANE CITY COUNCIL STANDARD DRAWING					
					P COTTON SIGNATURE ON ORIGINAL					DESIGN	Std Dwgs WG	DATE	Marc'10		
					MANAGER CITY ASSETS, R.P.E.Q. 2 5 4 6					DRAWN	CPD - P&D	DATE	Oct'10		
					DESIGN APPROVED					CHECKED	I. Condric	DATE	Jan'11		
A	Drawing Converted from UMS Series April 2014				APR '14	APR '14	APR '14	I. CONDRIE (RPEQ 8591) SIGNATURE ON ORIGINAL DATED 01/11				TRAFFIC CAMERA MOUNT OPTIONS - FAB. DETAILS 3m PEDESTAL EXTENSION			
ISSUE	AMENDMENT				DRAWN DATE	CHK'D DATE	APPR'D DATE	PRINCIPAL ENGINEER STRATEGIC ASSET MANAGEMENT				ASSOCIATED PLANS	SUPERSEDES UMS-600-059	SCALE	NOT TO SCALE
											DWG No.	BSD-4130			
											ORIGINAL SIZE	A3	REVISION	A	