N28 RAGBOLTS TO SUIT TRAFFIC SIGNAL/PUSH BUTTON POST. REFER-TO BSD-4152 FOR BOLT SETOUT. 6 BAR CTRS. TRAFFIC SIGNAL/PUSH (3)(4)BUTTON POST. REFER-TO BSD-4122 CONDUIT POSITION TO BE DETERMINED ON SITE TO SUIT SITE DESIRABL CONSTRAINTS. -N12 U BARS @ 300 CTS == 350 P.C.D. SL81 TOP & BOTTOM. 50 MIN. COVER. 1200 DESIRABALE (REFER NOTE 8) PLAN VIEW 120 NOMINAL REFER NOTE 15 TRAFFIC SIGNAL/PUSH BUTTON POST. REFER TO BSD-4151 CONCRETE PROTECTION OF SPRAY WITH COLD GAL CONDUIT TO BE PROVIDED WHERE NECESSARY IN BASE PLATE ACCORDANCE WITH AS3000 GROUTING. REFER NOTE 14 SL81 TOP & BOTTOM. 50 MIN. COVER. N32 CONCRETE REFER NOTE 16 (2) _____ -N12 U BARS @ 300 CTS N28 ANCHOR BARS TO SUIT TRAFFIC -SIGNAL/PUSH BUTTON POST, REFER TO BSD-4152 FOR BOLT SETOUT. CONCRETE FOOTING. GRADE N32, 1.2m X 1.2m 100mm uPVC HD UNDERGROUND CONDUIT FOOTING SHOWN. MAY BE MODIFIED--CONDUIT POSITION TO BE DETERMINED ON SITE TO SUIT SITE CONSTRAINTS. TO SUIT SITE CONDITIONS. 1.44m2 SECTION A-A OF CONCRETE TO BE MAINTAINED DRAWING AUTHORISED FOR PUBLICATION Std Dwgs WG DESIGN DATE Aug,05 P COTTON SIGNATURE ON ORIGINAL DATED 21/03/06 DRAWN CPO - P&D DATE Aug'05 MANAGER INFRASTRUCTURE MANAGEMENT BASEPLATE RAISED ABOVE GROUND LEVEL, ANCHOR BARS ALTERED TO SUIT BUS FIRM Nov'05 CHECKED T&T (Signals Man) DATE

APR '14 APR '14 APR '14

CHK'D DATE

DATE

DATE

Drawing Converted from UMS Series April 2014

AMENDMENT

ISSUE

DESIGN APPROVED

BSD-4153.dwg

SUPERSEDES UMS-600-062

ASSOCIATED PLANS

A GIBBONS SIGNATURE ON ORIGINAL

TEAM LEADER SIGNALS OPERATION

DATED 09/12/05

MATERIALS LIST

ITEM No.	No. OFF	ITEM DESCRIPTION	MATERIAL DESCRIPTION	QUANTITY	GRADE
6	1	CONCRETE	CONCRETE	0.46m ³ *	N32
5	4	'L' SHAPED ANCHOR BAR	N28 BAR WITH M24 THREAD	1010mm#	
4	8	LEVELLING NUTS-REFER TO NOTES 1 & 3	M24 HEX GALV. NUT		8.8/S
3	8	GALVANISED WASHERS	25mmø x 5mm GALV. WASHERS		
2	2	REINFORCING MESH	SL81 MESH	1.2m²	M.S.
1 -	12*	'U' BARS	N12 BAR	800mm	M.S.

NOTE: $* = 0.43 \text{m}^3$ IF FOOTING INSTALLED AT SURFACE LEVEL.

 $^{\#}$ = 860mm if footing installed at surface level.

NOTES

- ALL NUTS TO CONFORM TO AS1112 AND AS1252 & HOT DIPPED GALVANISED TO AS1214.
- ALL WASHERS TO BE HOT DIPPED GALVANISED TO AS1214.
- SCREW ON EACH BAR TWO NUTS WITH TWO FLAT WASHERS BETWEEN THEM AFTER **GALVANISING**
- ANCHOR BARS TO BE CLEANED AND THE WELDING SLAG REMOVE PRIOR TO BEING HOT DIP GALVANISED TO AS/NZS4680 AND AS1214.
- THREADS SHOULD BE CLEAN AFTER GALVANISING AND A TEMPLATE PLACED OVER THREADED ENDS TO ENSURE THE ACCURACY OF THE P.C.D. OF BARS.
- TOLERANCES: DIMENSIONAL ±5.0 (U.N.O).
- FOR 1.7m/4.1m POST RAG BOLT SETOUT DETAILS REFER BSD-4151 AND BSD-4152.
- DESIRABLE WIDTH OF FOOTING TO BE 1200mm x 1200mm, MINIMUM WIDTH OF FOOTING 900mm, HOWEVER 1.44m² TO BE MAINTAINED.
- CONCRETE SHALL BE N32.
- 10. 50 COVER TO ALL BARS.
- 11. A LICENSED ELECTRICAL WORKER SHALL SUPERVISE THE INSTALLATION OF CONDUIT.
- 12. BASE PLATE AS PER BSD-4152.
- FOR THE PROVISION OF RECTANGULAR FOOTING, LONGER DIMENSION TO BE ORIENTATED PARALLEL TO THE DIRECTION OF THE LANTERN FACE.
- 14. MIX SAND/CEMENT GROUT IN A 3:1 RATIO BY VOLUME. ADD ENOUGH WATER TO GIVE A WORKABLÉ MIX. PACK THE MIX BENEATH THE BASE PLATE. CHAMFER SIDES OF PACKED GROUT TO GROUND AT 45°.
- 25mm MAX. HEIGHT OF THREAD TO BE LEFT PROTRUDING ABOVE BASE PLATE LOCK DOWN
- FOOTING CAN BE RAISED TO SURFACE LEVEL IF REQUIRED WHERE ADJACENT SURFACE IS PLAIN CONCRETE OR GRASS. ANCHOR BAR LENGTH TO BE ADJUSTED TO SUIT.
- 17. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

BRISBANE CITY COUNCIL STANDARD DRAWING

SPREAD FOOTING DETAILS 4.1m TRAFFIC SIGNAL AND 1.7m PUSH BUTTON POSTS

		-			
SCALE	NOT	TO	SCALE	-	
DWG No.					
BSD-4153					
ORIGINAL S	IZE		REVISION		
7.5	A3		В		