

## PARTS LIST

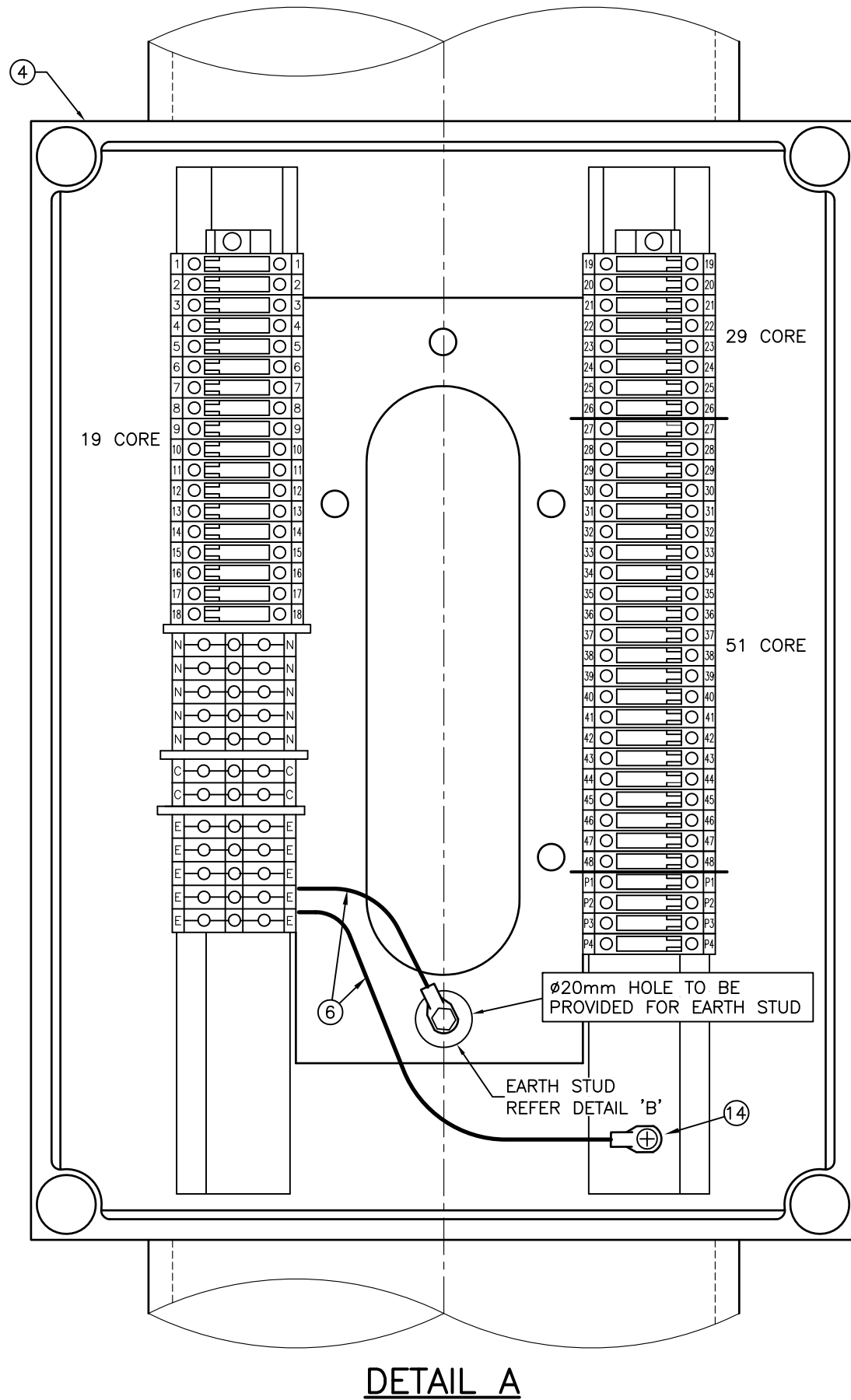
ITEM	DESCRIPTION	REMARKS
①	JOINT USE MAST ARM TRAFFIC SIGNAL AND ROAD LIGHTING POLE.	1 OFF
②	CABLE TO PEDESTRIAN LANTERN (S)	AS REQD.
③	CABLE TO TRAFFIC SIGNAL LANTERN (S)	AS REQD.
④	JUNCTION BOX MIMS - 3498	1 OFF
⑤	MULTICORE POWER CABLE AS PER AS2276.1	AS REQD.
⑥	CABLE, 6.0mm SQ. (7/1.04) 1C PVC GREEN/YELLOW	SEE NOTE 2
⑦	TERMINAL LUG, 6.0mm SQ. M8 HOLE	1 OFF
⑧	COVER PLATE FOR EARTH STUD FOR RATE 2 PUBLIC LIGHTING EARTH CABLE. REFER DETAIL 'B' & UMS 600/052.	1 OFF
⑨	100mm NON - SLOTTED FLEXIBLE CONDUIT OR 100mm PVC HD U/G CONDUIT	AS REQD.
⑩	M8 x 1.25 HEX NUT - BRASS	AS REQD.
⑪	8 DIA. FLAT WASHER BRASS	AS REQD.
⑫	8 DIA. SPRING WASHER ZINC PLATED	AS REQD.
⑬	M8 x 1.25 BRASS BOOKER ROD 55mm LONG	1 or 2 AS REQD.
⑭	M5 x 15mm SCREW, FLAT WASHER, SPRING WASHER, AND NUT	1 OFF
⑮	CABLE TO TRAFFIC SIGNAL LANTERN ON MAST ARM OUTREACH	AS REQD.

### NOTES:

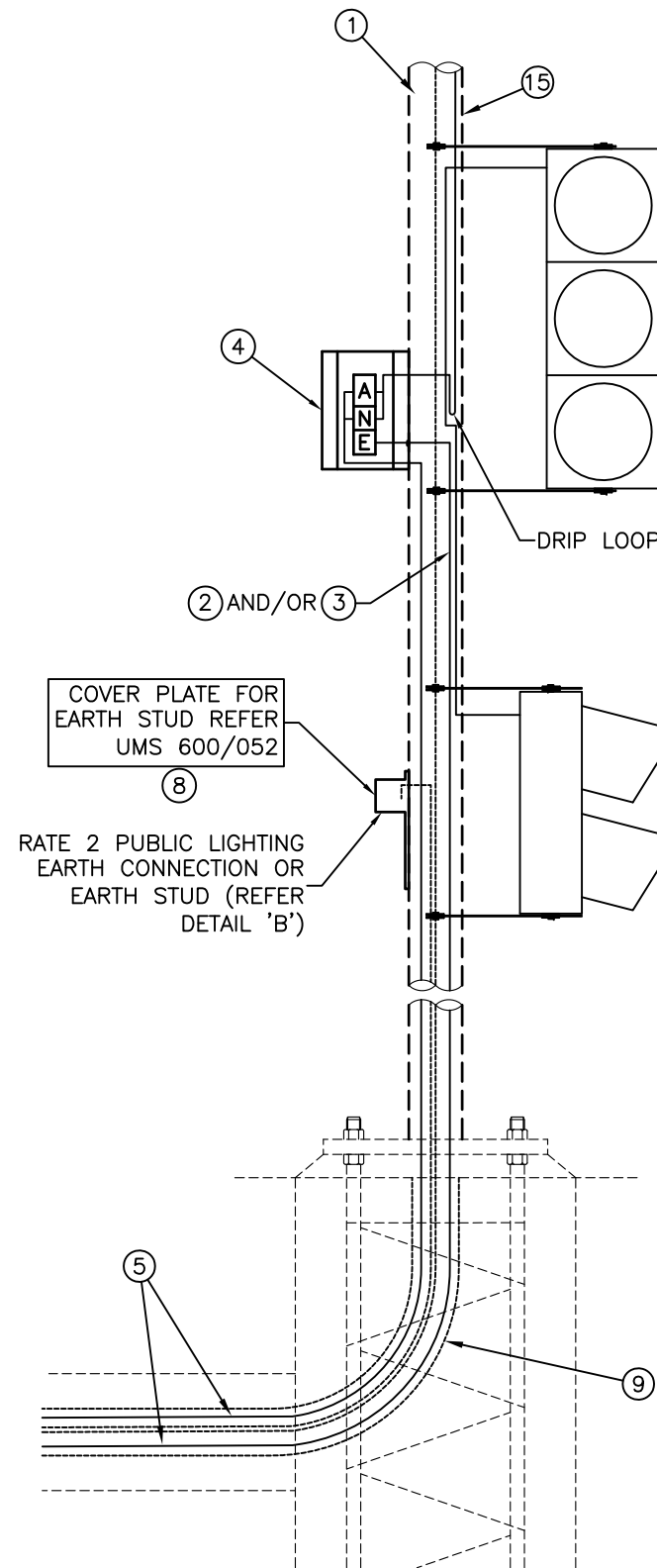
- MINIMUM CABLE SIZES AND COLOURS AS PER AS 3000 "SAA WIRING RULES".
- ENSURE EARTH CONNECTION IS PROPERLY TIGHTENED BEFORE INSTALLING TRAFFIC SIGNALS TERMINAL PANEL.
- NUMBERED TERMINALS SHALL BE ISOLATION TERMINALS.
- P1 - P4 TERMINALS ARE USED FOR 36 CORE CABLE.
- RATE 2 PUBLIC LIGHTING EARTH WIRE MUST NOT TERMINATE IN TRAFFIC SIGNAL JUNCTION BOX.

### REFERENCED DOCUMENTS

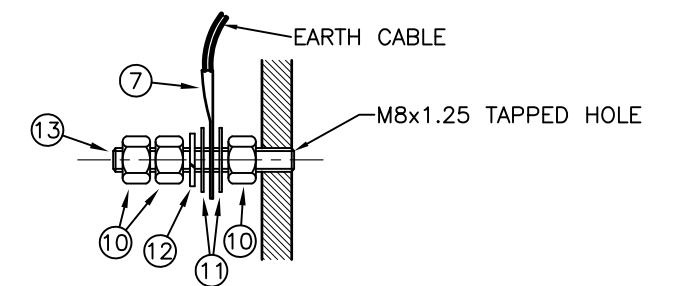
**AUSTRALIAN STANDARDS:**  
 AS2276.1 SAA MULTICORE POWER CABLES  
 AS 3000 SAA WIRING RULES



**DETAIL A**



**WIRING DETAILS**



**DETAIL B  
 ASSEMBLY SEQUENCE FOR  
 EARTH STUD**

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
D	Switch Type & Req. for Item 7 Mod.	DL 04/12	IC 24/4/12	GB 31/5/12
C	Dwg No. Changed, P1 - P4 Terminals Added, Earthing Provided For Rate 2 Public Lighting	Nov. '09	IC 01/11	PC 01/11
B	Detail A Modified, Item 13 Added to Parts List	Nov. '04	CIG 02/05	AG 02/05
A	ORIGINAL ISSUE	April '01	May '01	June '01

DESIGN AUTHORISED FOR ISSUE B. BALL SIGNATURE ON ORIGINAL DATED 29/6/01				DESIGN	STD DWG GROUP	DATE	April '01
MANAGER ASSET SUPPORT - R.P.E.Q. 3 8 5 2				DRAWN	CITY DESIGN	DATE	April '01
DESIGN APPROVED K. MEMORY SIGNATURE ON ORIGINAL DATED 27/6/01				CHECKED	R. WILSON	DATE	May '01
SENIOR PROGRAM OFFICER NETWORK OPERATIONS - R.P.E.Q. 4 7 6 1				DRAWING FILENAME	UMS 600_041		
				ASSOCIATED PLANS	Previous Dwg No. UMS 647		



### BRISBANE CITY COUNCIL STANDARD DRAWING

**TRAFFIC SIGNAL JUNCTION BOX  
 AND EARTHING DETAIL  
 JOINT USE POLE**

SCALE	
NOT TO SCALE	
DWG No. <b>UMS 600/041</b>	
ORIGINAL SIZE	REVISION
A3	D