



DESIGNATION	USE	SIZE
A1	EARTH CABLES	φ41
A2	EARTH CABLES	φ44
A3	EARTH CABLES	φ51
B1	INTELLIRUPTER MOUNTING	φ22
B2	INTELLIRUPTER MOUNTING (12mm COACH SCREW)	φ22
C1	AIR BREAK SWITCH MOUNTING	φ22
C2	AIR BREAK SWITCH OPERATING MECHANISM MOUNTING	φ12
C3	AIR BREAK SWITCH DOWNROD SUPPORT (12mm COACH SCREW)	φ22
D1	HV CROSSARM	φ22
D2	HV SUPPORT & VOLTAGE REGULATOR SUPPLY CROSSARM	φ22
D3	LV ABC BRACKET	φ22
E	12mm COACH SCREWS	φ22
F	#12 SELF DRILLING SCREWS	φ22
G	LAG EYEBOLT	PILOT HOLE

**NOTES**

- REFER TO DRAWING 244230 FOR ITEMS NUMBERS SHOWN IN CIRCLES. HOLES SIZES ARE SHOWN IN SQUARES AND ARE TO BE DRILLED AS PER HOLE SIZE TABLE. THE AIR BREAK SWITCH, HV SUPPORT CROSSARM, VOLTAGE REGULATOR AND LV ABC OPTIONS AS INDICATED ON DRAWING 244230 WILL RESULT IN NOT ALL HOLES BEING REQUIRED. HOLES WHICH ARE NOT REQUIRED SHOULD NOT BE DRILLED.
- DIAMOND TIPPED HOLE SAWS AND DRILLS IN REGULAR DRILLS CAN ONLY BE USED TO CREATE HOLES. IMPACT DRILLS ARE NOT TO BE USED. REFER TO NETWORK STANDARD 168 FOR FURTHER DETAILS.
- POLES OR CROSSARMS, IN THE AREA OF AIR BREAK SWITCH, ARE TO BE SYMMETRICAL TO AXIS OF POLE.
- SUITABLY SIZED PILOT HOLES FOR SELF DRILLING SCREWS ARE TO BE DRILLED FOR SADDLES WHERE REQUIRED.

REFERENCE DRAWING	
TITLE	244230
11kV S&C INTELLIRUPTER PULSECLOSER WITH PHASE VT ON A COMPOSITE POLE GENERAL ARRANGEMENT	

**SIDE VIEW**  
SCALE 1:20

**FRONT VIEW**  
SCALE 1:20

**CONSTRUCTION**



ASSET ENGINEERING, POLICY AND STANDARDS  
TRANSMISSION & DISTRIBUTION SUBSTATION ENGINEERING  
570 GEORGE STREET, SYDNEY

SCALE	AS SHOWN
DESIGNED	P. JARVIS
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DATE	9.4.18
PROJECT NUMBER	129021840
PROJTRAK NUMBER	

**11kV S&C INTELLIRUPTER PULSECLOSER WITH PHASE VT MOUNTED ON A COMPOSITE POLE POLE DRILLING DETAILS**

SIZE	DRAWING No	SHEET	ARO
B1	244231	1	0

CAD DRAWING  
DO NOT MANUALLY DIM  
REFERENCES