



NOTES:

- THE DESIGN FOR THIS INTELLIAPTER IS BASED ON A COMPOSITE POLE MADE BY DULHUNTY. DRILLING IS UNDERTAKEN TO SUIT PROJECT DESIGN.
- REFER TO DRAWING 244230 SH1 FOR ITEM NUMBERS SHOWN IN CIRCLES. HOLE DESIGNATIONS ARE SHOWN IN SQUARES AND ARE TO BE DRILLED AS PER HOLE SIZES SHOWN IN TABLE.
- IF LV ABC OPTION IS NOT REQUIRED, LV BRACKET MOUNTING HOLES ARE NOT REQUIRED AND MUST NOT BE DRILLED.
- DIAMOND TIPPED HOLE SAWS AND DRILL BITS IN A STANDARD DRILL ARE TO BE USED TO CREATE HOLES. IMPACT DRILLS ARE NOT TO BE USED. REFER TO NETWORK STANDARD NS128 FOR FURTHER DETAILS.
- HV CROSSARM, INTELLIAPTER AND LV ABC BRACKET MOUNTING HOLES ARE TO BE SYMMETRICAL TO AXIS OF POLE.
- SUITABLY SIZED PILOT HOLES FOR SELF DRILLING SCREWS ARE TO BE DRILLED WHERE REQUIRED.
- COMPOSITE POLE JOINT CONFIGURATION SHOWN FOR DIAGRAMATIC PURPOSES ONLY. ACTUAL COMPOSITE POLE CONFIGURATION WILL DEPEND ON POLE HEIGHT REQUIREMENTS SPECIFIED IN PROJECT DESIGN.

DESIGNATION	USE	SIZE
A1	EARTH CABLES	φ41
A2	EARTH CABLES	φ44
A3	EARTH CABLES	φ51
B1	INTELLIAPTER MOUNTING	φ22
D1	HV CROSSARM	φ22
D2	LV ABC BRACKET	φ22
E	10mm COACH SCREW	φ22
F	#12 SELF DRILLING SCREW	φ22
G	TAG EYE BOLT	φ22
H	POLE STEP	φ30

CAD DRAWING
 50 NOT FINALLY PERIOD
 A. R. E. N. D. E. N. T. S.
 DWG: PATRICK ROSS
 CHKD: PHILIP JONES
 1 DATE: 22/09/2020
 AIR BREAK SWITCH &
 VOLTAGE REGULATOR
 SHEETS 2 & 3, HOLE SIZE
 TABLE & NOTES AMENDED.
 APPD BY: GLENN FORD



SCALE AS SHOWN
 DESIGNED P. JARVIS
 DRAWN P. JARVIS
 CHECKED C. MARRITT
 APPROVED D. GREV
 DATE 09/04/18
 PROJECT NUMBER STD
 PROJTRAK NUMBER -

STANDARD CONSTRUCTION
 11kV S&C INTELLIAPTER PULSECLOSER
 MOUNTED ON A COMPOSITE POLE
 POLE DRILLING DETAILS
 SIZE B1 DRAWING No 244231
 SHEET 01
 AHD 1

11kV S&C INTELLIAPTER PULSECLOSER MOUNTED ON A COMPOSITE POLE GENERAL ARRGT 244230 SH1
 ASSOCIATED DRAWINGS
 165 NEWCASTLE RD WALLSEND, NSW 2287