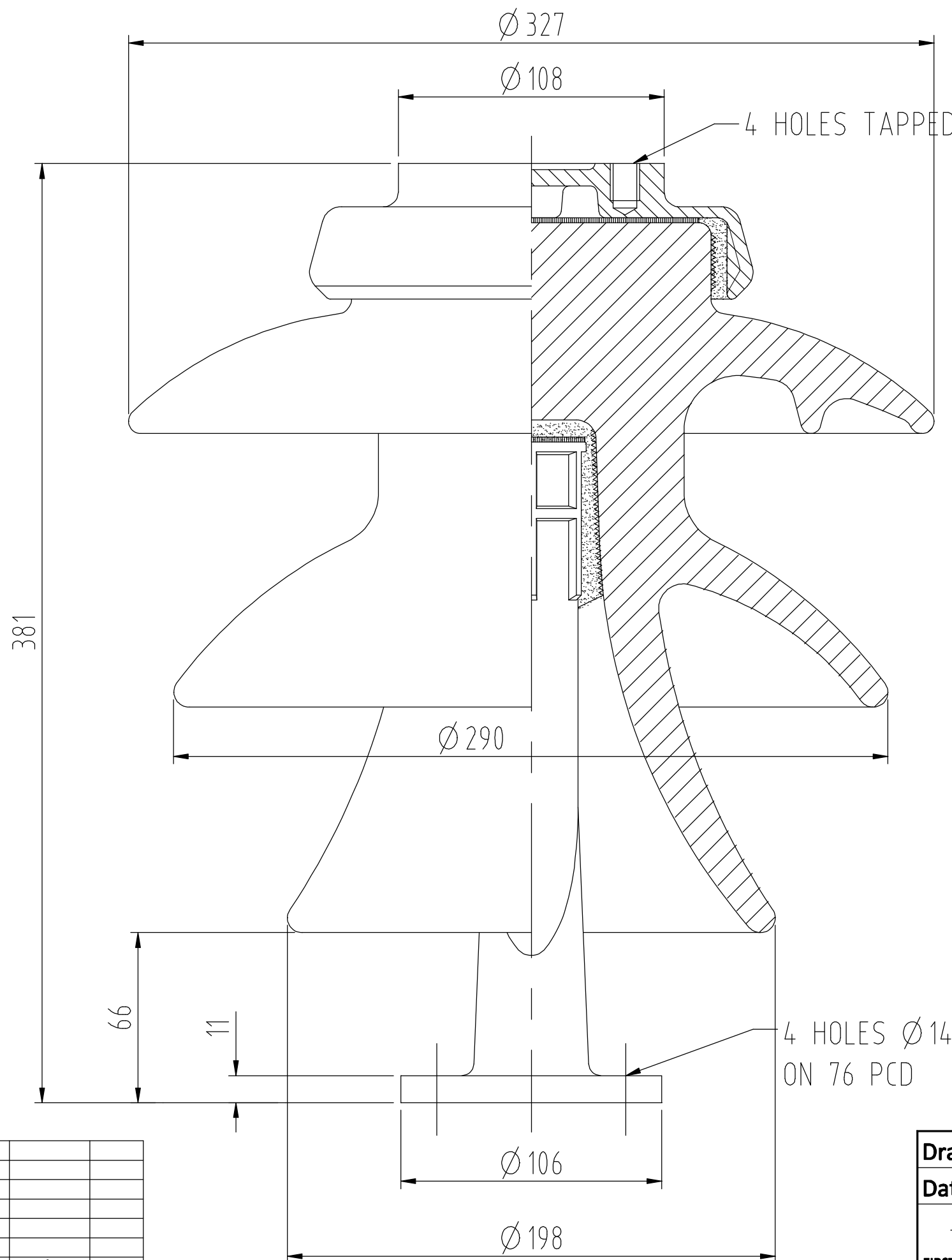


ALL DIMENSIONS IN MILLIMETRES - DO NOT SCALE - IF IN DOUBT PLEASE ASK

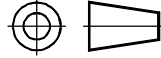


THIS INSULATOR IS NOT SUITABLE FOR STACKING

Technical Specification

	DESIGNED VALUES
NOMINAL SYSTEM VOLTAGE	33 kV
<u>WITHSTAND TEST VOLTAGES</u>	
a. Power Frequency – dry	135 kV
b. Power Frequency – wet	100 kV
c. Power Frequency – puncture	215 kV
d. Power Frequency – visible discharge	35 kV
e. Impulse – positive and negative	250 kV
<u>FLASHOVER VOLTAGES</u>	
a. Impulse – positive	287 kV
b. Impulse – negative	315 kV
c. Power frequency – dry	165 kV
d. Power frequency – wet (upright)	113 kV
(angled D1)	127 kV
(horizontal D2)	142 kV
e. Power frequency puncture – in excess of	310 kV
<u>MINIMUM FAILING LOADS</u>	
a. Minimum failing load – Cantilever upright	11.12 kN
b. Minimum failing load – Cantilever inverted	4.45 kN
c. Minimum failing load – Torsion	1695 Nm
d. Minimum failing load – Tension	17.98 kN
<u>PHYSICAL CHARACTERISTICS</u>	
a. Total creepage distance	810 mm
b. Protected creepage distance	430 mm
c. Flashover distance (cap to pin)	390 mm

Issue	Mod. No.	Date

Drawn J. UDEN
 Date 26.09.2012

 FIRST ANGLE PROJECTION

NEW ZEALAND INSULATORS  TEMUKA

NEW ZEALAND INSULATORS LTD
 Tel: +64-3-615 0085
 Fax: +64-3-615 8125
 e-mail: sales@nzinsulators.co.nz

Cat. N° 4497
33kV HD PEDESTAL POST INSULATOR

D400-0506/A