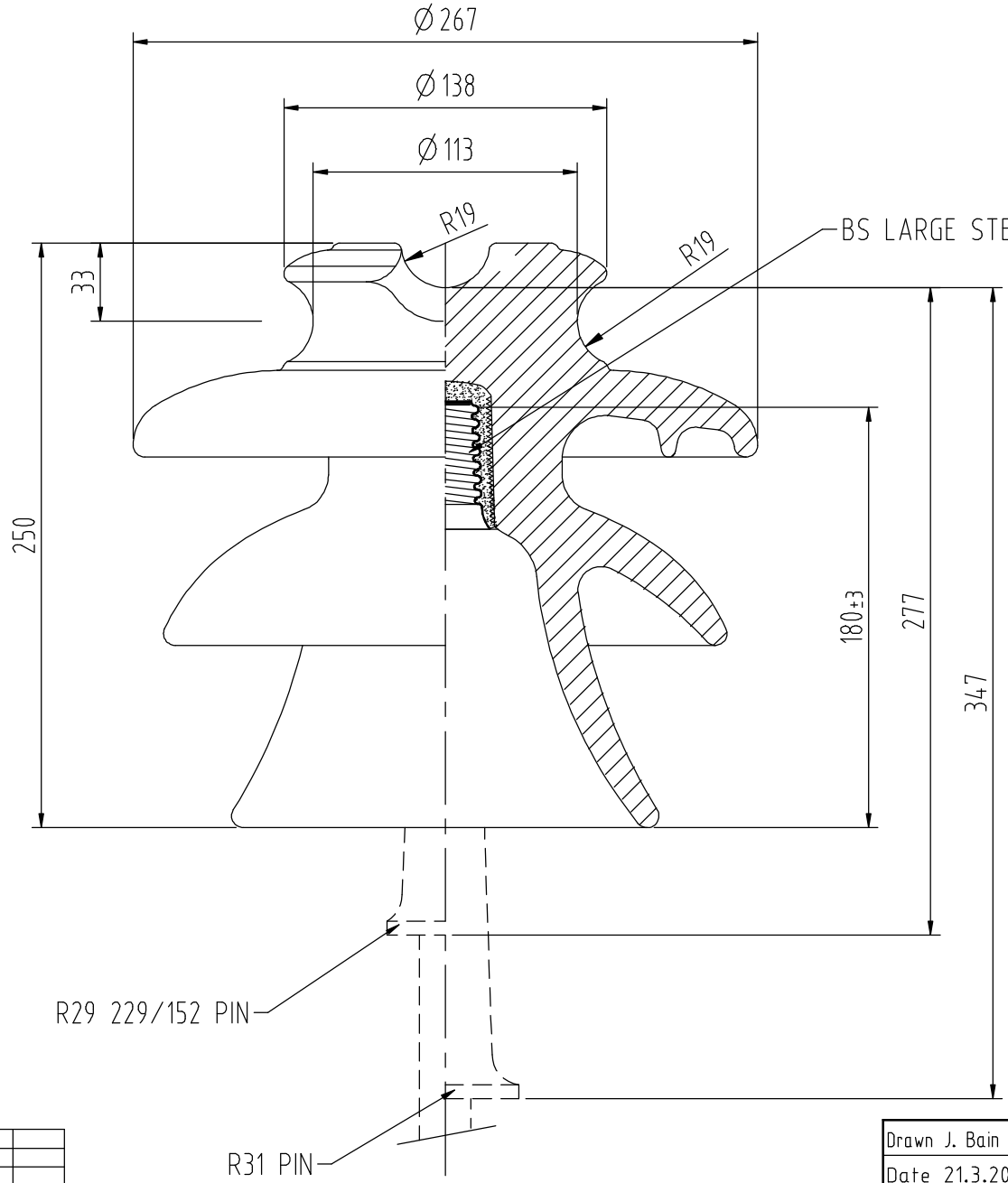
ALL DIMENSIONS IN MILLIMETRES - DO NOT SCALE - IF IN DOUBT ASK



Technical Specification

	DESIGNED VALUES	
ELECTRICAL CHARACTERISTICS		
a. Nominal System Voltage	44	kV
b. Power Frequency withstand voltage – dry	120	kV
c. Power Frequency withstand voltage – wet (vertical)	85	kV
d. Power Frequency withstand voltage – wet (horizontal)	90	kV
e. Power Frequency flashover voltage – dry	130	kV
f. Power Frequency flashover voltage – wet (vertical)	100	kV
g. Power Frequency flashover voltage – wet (horizontal)	110	kV
h. Power Frequency withstand puncture voltage	210	kV
i. Lightning Impulse withstand voltage – dry (BS ref.31 pin)	200	kV
MECHANICAL CHARACTERISTICS		
a. Minimum failing load – Cantilever	11	kN
PHYSICAL CHARACTERISTICS		
a. Nominal minimum creepage distance	665	mm
b. Nominal protected creepage distance	380	mm
c. Nominal flashover distance	290	mm
d. Nominal net weight	8.6	kg

Issue	Mod. No.	Date
C	3290	10.5.10

Drawn J. Bain
Date 21.3.2003
FIRST ANGLE PROJECTION

NZ Insulators Ltd.

Cat. N°. 4490W
44kV ONE PIECE TIE TOP PIN INSULATOR

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D343-0504/C