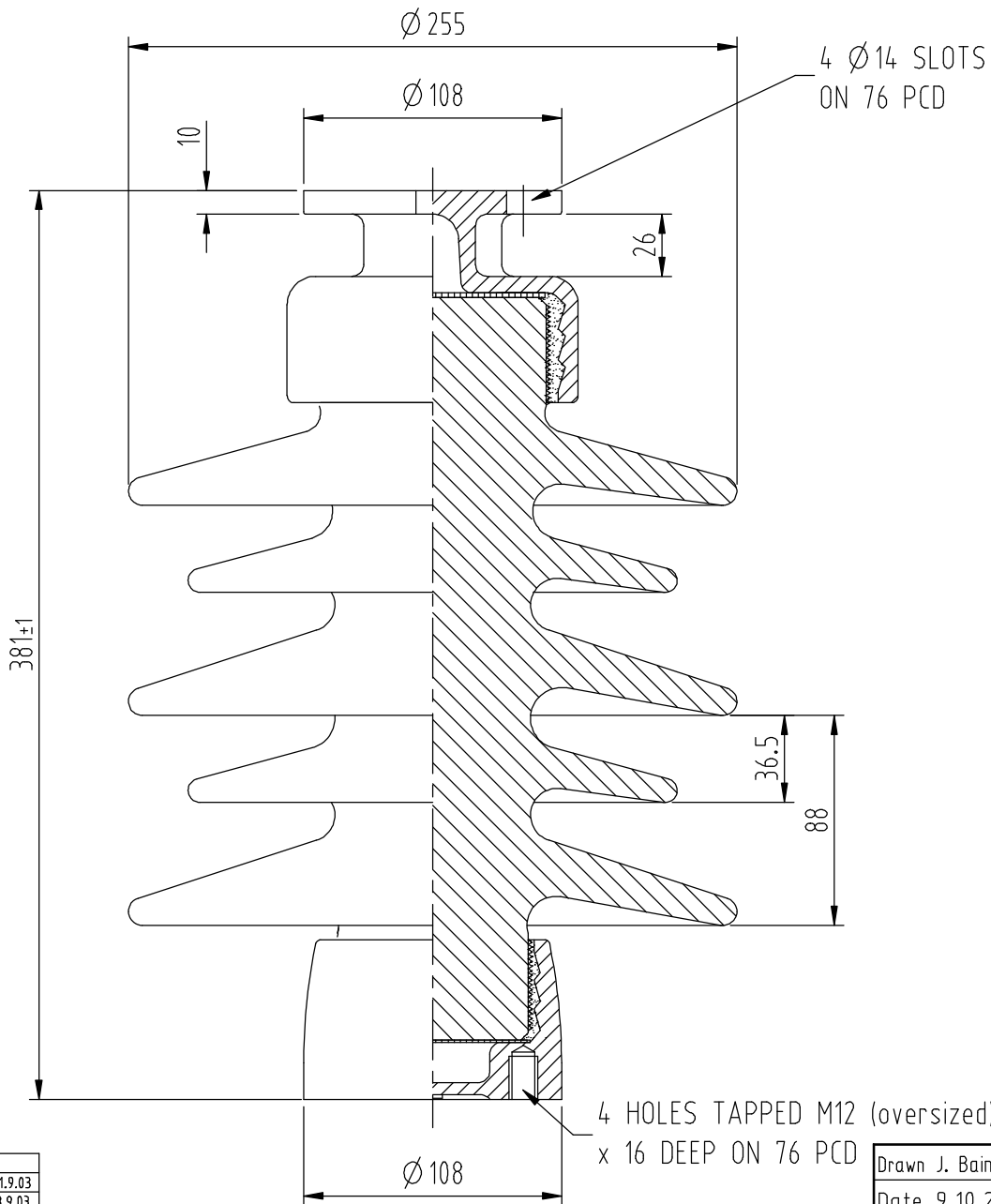


ALL DIMENSIONS IN MILLIMETRES - DO NOT SCALE - IF IN DOUBT ASK



Technical Specification

	DESIGNED VALUES
<u>SYSTEM HIGHEST VOLTAGE</u>	36 kV
<u>WITHSTAND TEST VOLTAGES</u>	
a. Power frequency – wet withstand (Vertical)	86 kV
b. Power frequency – wet withstand (Horizontal)	95 kV
c. Power frequency – dry withstand	130 kV
d. Power frequency – dry flashover	135 kV
e. Power frequency – wet flashover (Vertical)	93 kV
f. Power frequency – wet flashover (Horizontal)	100 kV
g. Lightning impulse – dry	200 kV
<u>MINIMUM FAILING LOADS</u>	
a. Cantilever	12 kN
b. Torsion	>1,200 Nm
c. Tension	>30 kN
<u>CREEPAGE DISTANCES</u>	
a. Total	860 mm
b. Protected	360 mm
c. Flashover	330 mm

Pollution Performance N* (ESAA Publication D (b) 19-1975) = 12

Issue	Mod. No.	Date
F	3082	11.9.03
E	3081	8.9.03
D	3041	18.3.03
C	3006	11.10.02
B	2924	11.10.01

Drawn J. Bain
Date 9.10.2001
FIRST ANGLE PROJECTION



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**36kV STATION POST INSULATOR
4494 REPLACEMENT (UNDER HUNG MOUNTING)**

D687-0593/F