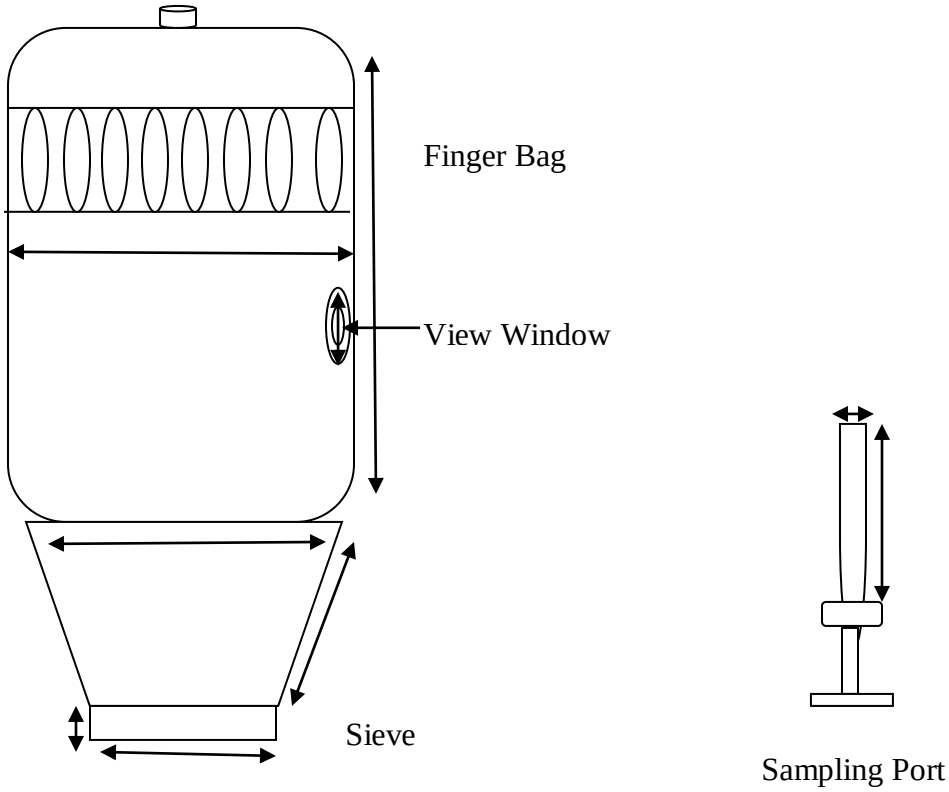
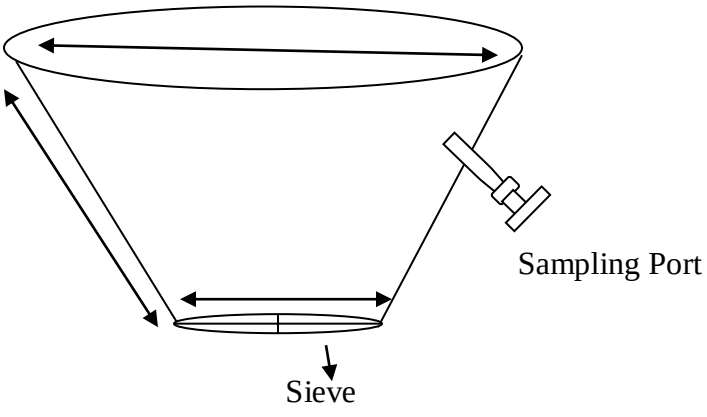
	PHARMA DEVILS QUALITY ASSURANCE DEPARTMENT	**DRAWING No.:**

SURFACE AREA CALCULATION SHEET (FLUID BED PROCESSOR 120 LTRS.)

FBP (120 Lit.)



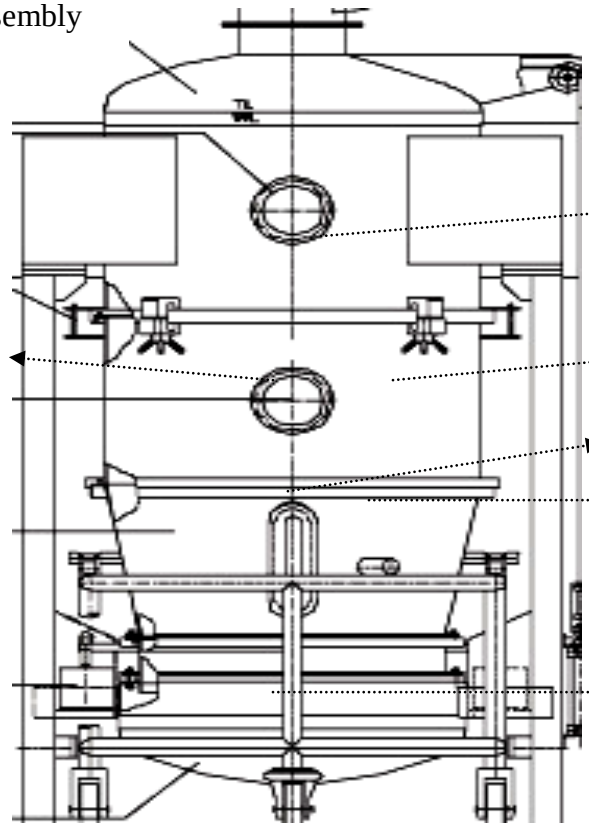


Trolley

Pharma Devils	PHARMA DEVILS QUALITY ASSURANCE DEPARTMENT	**DRAWING No.:**

SURFACE AREA CALCULATION SHEET (FLUID BED PROCESSOR 120 LTRS.)

FBP Assembly



SURFACE AREA OF FLUID BED PROCESSOR:

Surface Area of Inner surface of FBP with view window

Length = ……. cm

Diameter = ……. cm

Surface area = $(2 \times \pi \times r \times h) + (2 \times \pi \times r^2)$

= ……cm^2

= ……$inch^2$

Surface Area of Trolley including Inner Sieve

B1 = …… cm

B2 = …….. cm

Height =…….. cm

Pharma Devils	PHARMA DEVILS QUALITY ASSURANCE DEPARTMENT	**DRAWING No.:**

SURFACE AREA CALCULATION SHEET (FLUID BED PROCESSOR 120 LTRS.)

Surface Area = B1+B2/2 x H

= ……..cm^2

= ……$inch^2$

Surface Area of Sampling Rod

Diameter =……..cm

Height =……. cm

Surface Area = (2 x π x r x h) + (2 x π x r^2)

= ……cm^2

= ……$inch^2$

Hence, **Total Surface Area of FBP** = ……**$inch^2$**