



KNELSON GRAVITY SOLUTIONS

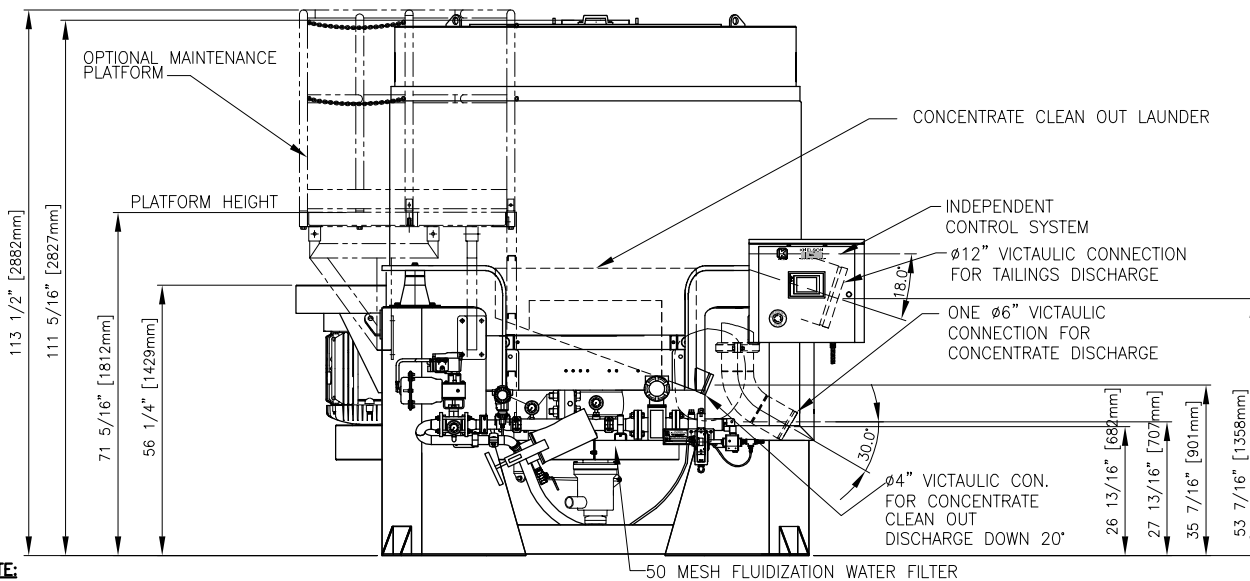
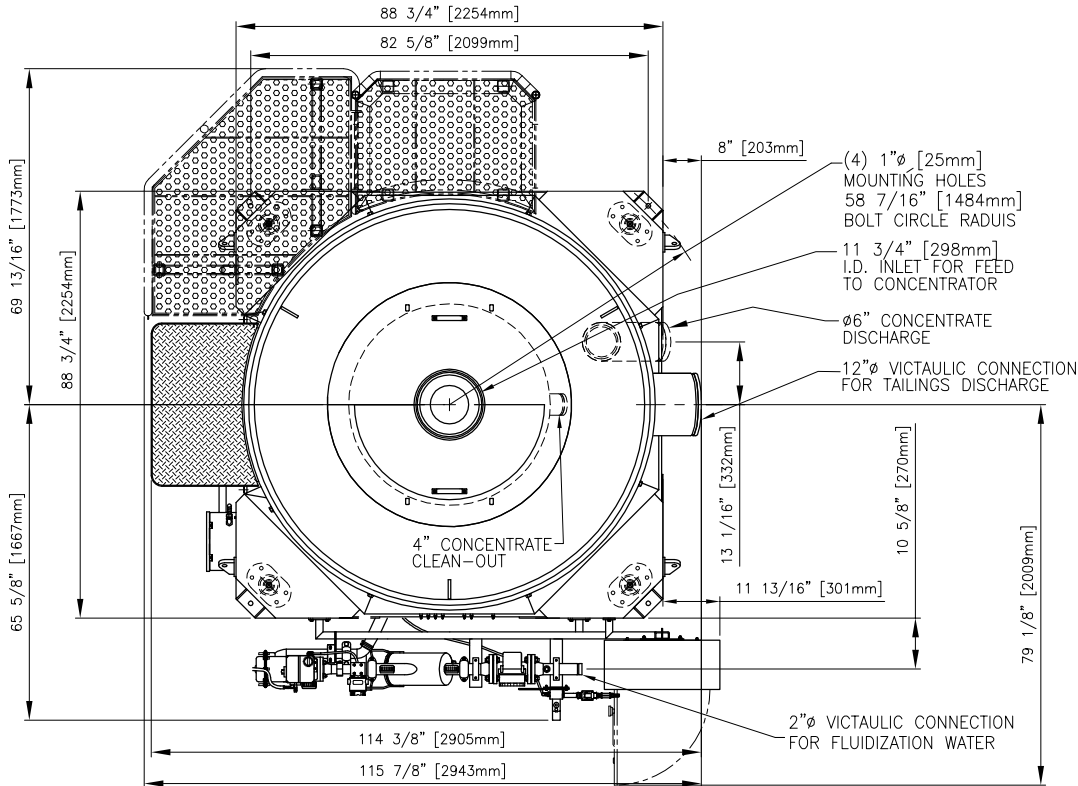
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DWG. No. 03024J1

KNELSON CONCENTRATOR MODEL KC-CVD42 (1 RING) SPECIFICATION SHEET

- FEED CAPACITY (MAY VARY DEPENDING ON MATERIAL) - 44 - 132 tons/hr [40 - 120 tonne/hr] SOLIDS
 TYPICAL FLUIDIZATION WATER REQUIREMENT - 40 - 100 USgpm [9 - 23 m³/hr]³
 MINIMUM AIRFLOW REQUIRED - 9.5ft³/min (16.1m³/hr)
 FEED DENSITY - 0 - 50% SOLIDS/WEIGHT
 MAX TOTAL VOLUMETRIC THROUGHPUT - 1100 USgpm [250 m³/hr]
 FEED SIZE - MAX: 1/8" [3.2mm]; RECOMMENDED: MINUS 10 MESH [1.7 mm]
 TYPICAL CONTINUOUS CONCENTRATE DISCHARGE - 1% - 50% OF FEED RATE (VARIABLE)
 OPERATING "G" FORCE - VARIABLE (30 - 90g)
 OPERATING SPEED - VARIABLE (224 - 388 RPM)
 APPROX. WEIGHT OF CONCENTRATOR - 15,400 Lbs [7,000 Kgs.]
 H.P. - 40-50 (ELECTRIC) [30-38 kW]
 APPROX. SHIPPING DIMENSIONS - BASED ON DESTINATION (DISASSEMBLED IF CONTAINERIZED)



- NOTE:**
 - SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
 - ALL PIPING TO CONCENTRATOR TO BE FLEXIBLE TO ALLOW FOR SLIGHT OSCILLATION OF UNIT DURING OPERATION.
 - MACHINE SHOWN WITH AUTOMATED PIPING.