



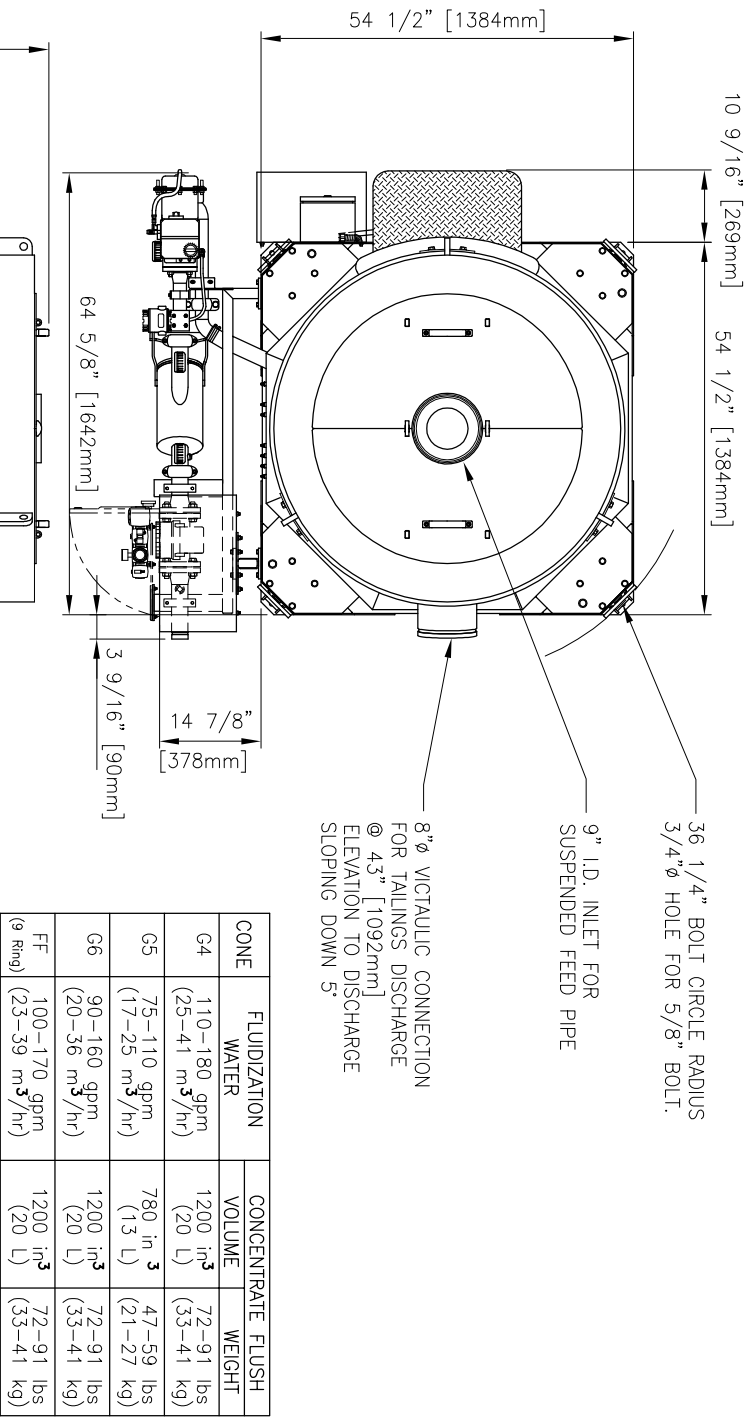
KNELSON GRAVITY SOLUTIONS

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DATE: JULY 24, 2006 DWG. No. A01393J
 KNELSON CONCENTRATOR
 MODEL KC-XD30
 SPECIFICATION SHEET

- FEED CAPACITY (MAX VARY DEPENDING ON MATERIAL) — 83 — 165 tons/hr [75-150 tonnes/hr.] SOLIDS
- TYPICAL FLUIDIZATION WATER REQUIREMENT — SEE TABLE BELOW
- MAXIMUM TOTAL VOLUMETRIC THROUGHPUT — 0 — 75% SOLIDS/WEIGHT
- TYPICAL CONCENTRATION CYCLE DURATION — 900 USgpm [205 m³/hr.]
- TYPICAL FLUSH CYCLE DURATION — FEED SIZE — MAX: 1/4" [6mm]; RECOMMENDED: MINUS 10 MESH [1.7mm]
- CONCENTRATE VOLUME — HARD ROCK: 1/2 — 4 HOURS [PLACER: 4 — 12 HOURS]
- CONCENTRATOR NET WEIGHT — SEE TABLE BELOW
- H.P. — 3800 lbs [1724 kg] (NOT INCLUDING PIPING)
- 15-25 (ELECTRIC) [11-19 kW]

- APPROXIMATE SHIPPING WEIGHT — 3940 lbs [1790 kg]
- APPROXIMATE SHIPPING WEIGHT WITH SPARES — 4230 lbs [1918 kg]
- APPROXIMATE CRATED SHIPPING DIMENSIONS — LENGTH 204cm x WIDTH 209cm x HEIGHT 204cm



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 OPTIONAL AUTOMATED PIPING, MANUAL PIPING ALSO AVAILABLE