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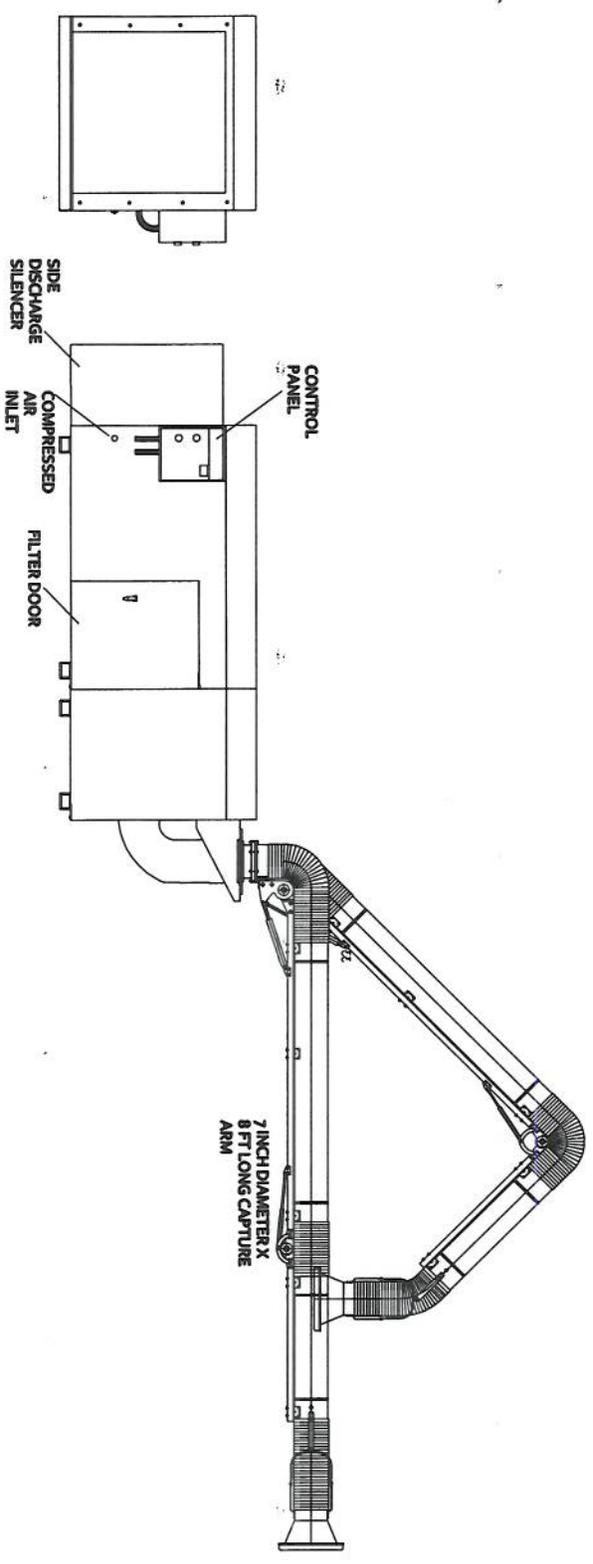
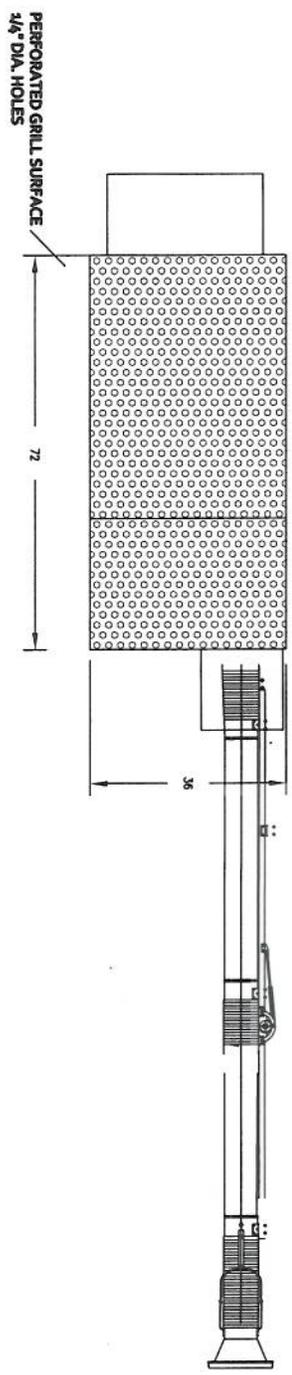
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**Bid Specification Sheet for  
Item Downdraft Table  
Model DD3X6  
Specifications**

- The downdraft table shall be designed for safe and effective capture of dust from dry dirt.
- The downdraft tables' work surface dimensions shall be 72" wide x 36" deep and the table height shall be 36".
- The downdraft table shall have a 7" dia x 8' long capture arm mounted to the right side of the table, complete with mounting bracket, flexhose, inlet collar, blast gate, and suction hood. Capture arm must be powder coat primed and painted dark gray.
- The downdraft table shall have a compressed air inlet for 1/4" dia. air line. The inlet shall be located on the front left side of the table.
- The downdraft table shall be configured for left side discharge.
- The downdraft table shall have 2 filter cartridges, vertical configuration, fire-retardant, 80/20 cellulose paper pleated media, 12.75" dia (8.375" inner diameter) x 16" long with top 14" x 16" flange. Each filter must have 139sqft of media. Filtration efficiency to be 99.8% @ 0.5 microns. Filter gasket shall be 1/2" x 3/8" x 10.09" ID isoprene sponge applied on flange end. Inner and outer filter retainer shall be electro galvanized expanded metal 3/8" x 5/8" 72% open area, with screen seam protector. Permeability shall be 14 cfm/ft<sup>2</sup> @ 0.5" wg.
- The downdraft table shall have 1 filter door for the 2 filter cartridges, with a dust drawer underneath the filter cartridges. There shall be no tools required to access the filter cartridges.
- There shall be a set of non dust-re entrainment v-baffles located above the dust drawer, in order to prevent dust from being re-entrained into the filters when the downdraft table is turned on.
- The downdraft table shall include 2" high legs underneath, for forklift access.
- The downdraft table surface shall be composed of 3 perforated galvanized steel grills each 24" x 36". Perforations to be 1/4" dia holes. Underneath the perforated steel grills there shall be 3 inlet baffle trays that will equalize the airflow across the table's surface. The openings in the baffle trays shall be 16"x25".
- The downdraft table shall have a 7.5HP TEFC 213T 230/460v/3/60 motor with a 15" dia. Backward inclined, flat blade aluminum blower wheel delivering an airflow of 4300cfm @ 4" SP wg. This shall be a direct-drive configuration.
- The downdraft table shall include a silencer with expanded metal on its outer face.
- The downdraft table shall have a filter cleaning system comprised of the following components: air tank integrated inside the downdraft table, safety valve, air valve, solenoid valve and compressed air piping leading towards the inlet of the 2 filters.
- The filter cleaning system must have the feature of allowing the user to choose online or offline filter pulsing, 1/2

second or 1 second pulse duration, and # of pulses (5,10,20 or 30) The cleaning system shall use Reverse Pulse technology.

- The control panel enclosure shall be NEMA 12 and shall include a contactor, overload, start/stop, reset, transformer, fuses and a PC board to control the filter cleaning system
- The control panel must be CSA/UL Approved.
- The downdraft table shall be constructed of 14 and 16ga. reinforced mild steel, powder coat primed and painted dark gray.



**DIVERSI-TECH inc.**

MANUFACTURERS OF SMOKE & DUST COLLECTORS  
 DORVAL, QUEBEC, CANADA 1-800-361-3733

TITLE: DD-3X6 DOWNDRAFT TABLE  
 CUSTOMER: ALDOT

SHT: 1 OF 1	DWN BY: G E	SCALE: NTS	MODEL: DD3X6	DATE: NOV 18 2009
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