

**Manufacturers & Distributors of Contamination Control
Enclosures, Equipment & Supplies**

FACILITY PLANNER

DATE

NAME

TITLE

ADDRESS

CITY

STATE

ZIP

PHONE

FAX

E-MAIL

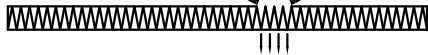
PROJECT

LOCATION

START DATE

END DATE

CLEAN ROOM DEPOT



**Manufacturers & Distributors of Contamination Control
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Date:

Company Name:

Contact Name:

Tel:

Project:

Shipping Date:

Class

(Room Particle Classification Based on Federal Standard 209)

- ☐ - 1 ☐ - 10
☐ - 100 ☐ - 1,000
☐ - 10,000 ☐ - 100,000

Size (Total Area L x W)

Existing Area Dimensions

L: _____ W: _____ H: _____
Total _____ ☐ Feet ☐ Meters
Clean Room / Area Dimensions
L: _____ W: _____ H: _____
Total _____ ☐ Feet ☐ Meters

Temperature Range

Required Room Temperature

_____ ☐ F° ☐ C°
Acceptable Range Plus/Minus
_____ ☐ F° ☐ C°

Internal Heat Loads

Process Loads
_____ ☐ BTU ☐ KwH
_____ Typical No. of Persons
_____ Maximum No. of Persons

Lighting (Total Area L x W)

Level

_____ ☐ FC ☐ LUX
Special Areas (Identify Location on Floor Plan)
_____ ☐ FC ☐ LUX

Color

☐ - White ☐ - Colored Lamps
☐ - Yellow ☐ - Lampshields
☐ - Photo Red ☐ - Other

Process Heat

(Total Area L x W)

Existing Area Dimensions

_____ Maximum Process Heat, BTU
_____ Power Consumption, Kw
_____ Process Equipment Matrix Attached
_____ Diversity Factor (DF), if applicable
(DF=% of Equipment Loads Operating Concurrently)

Air Flow

- ☐ Uni Directional Flow (Laminar Flow)
☐ Non-Uni Directional Flow

Humidity

_____ % Required Humidity Level
_____ % Acceptable Range Plus / Minus

Exhaust (List Individual Equipment Requirements on Space Data Sheets)

Maximum Concurrent Exhaust Air Volume _____ ☐ CFM ☐ CMS

Walls

Substrate

- ☐ - Honeycomb Core
☐ - Pharmaceutical GMP Wall
☐ - Wood
☐ - Gypsum
☐ - Foam Core
☐ - Mineral Wool Insulation
☐ - Other

Fastening System

- ☐ - Aluminum Batten & Stud Assembly
☐ - Concealed Fastening System

Exterior

- ☐ - Coated Aluminum
☐ - Coated Steel
☐ - Plastic Laminate

Coating

- ☐ - Vinyl Coating
☐ - Epoxy Paint
☐ - Other

Ceiling

Static Elimination

☐ Required ☐ Not Required

Suspension Systems

- ☐ - 1 1/2" Inverted T-bar Grid
☐ - 2" Inverted T-bar Grid
☐ - walk-on Ceiling
☐ - Epoxy Drywall
☐ - 2" Extruded Grid
☐ Gasket Seal
☐ Gel Seal

Coating

- ☐ - Anodized Aluminum
☐ - White Powder Coat

Flooring

☐ Existing Floor Type

☐ Treatment Required

New Floor Type Preferred

- ☐ - VCT Tile
☐ - Clean Room Sheet Vinyl
☐ - Conductive Vinyl
☐ - Non-Conductive
☐ - Terrazzo
☐ - Painted Epoxy
☐ - Trowelled Epoxy
☐ - Other

Open/Access Flooring

- ☐ - Perforated Raised Floor
☐ - Open Grated
☐ - Steel Access Flooring
☐ - Aluminum Access Flooring

Filters

Terminal Filter Modules

- ☐ - HEPA Low-Profile Modules (Ducted)
☐ - HEPA Room side Replaceable Modules (Ducted)
☐ - HEPA Fan Modules
☐ - Room side Replaceable HEPA Fan Modules
☐ - Other

Remote Filter Housing

- ☐ - Standard HEPA Housing
☐ - Bag-in / Bag-out HEPA Housing

Filter Efficiency

- ☐ - 99.99% HEPA
☐ - 99.999% ULPA
☐ - Other

Windows & Doors

(Indicate locations on floor plan)

D or W QTY DIM(WxH) Type

(Swing-type, sliding, viewing panel, etc.)

Special Utilities

(Indicate location on floor plan)

Central Housekeeping Vacuum System

- ☐ Installation Required
Vacuum Inlet: _____ Automatic _____ Manual _____
☐ Not Required

Shoe Cleaners

☐ Required ☐ Not Required

High Velocity Air Shower

☐ Required ☐ Not Required

Pass-Through Boxes

☐ Required ☐ Not Required

Sound Level

_____ Required (unoccupied) Sound Level
_____ ☐ dBA ☐ NC

Communication

_____ No. of Telephone
_____ Conduits Needed
_____ No. of Intercom
_____ Stations Needed

Vibration

Required

Shielding

Maximum Electromagnetic Interference (EMI)
☐ Required ☐ Not Required

Fire Protection

Central Housekeeping Vacuum

(Indicate location on floor plan)

☐ Required ☐ Not Required

Fire/Smoke Alarms (Audible Standard)

- ☐ Required ☐ Not Required
☐ Visual on Control Panel
☐ Interrupt Main HVAC System
☐ Automatic Sprinkler System

Duct Work

- ☐ Plenum Supply, Ducted Return
☐ Ducted Supply, Plenum Return
☐ Ducted Supply and Return
☐ Prefabricated Tunnels
☐ Stainless Steel Required
☐ Leak Proof Required
☐ Other

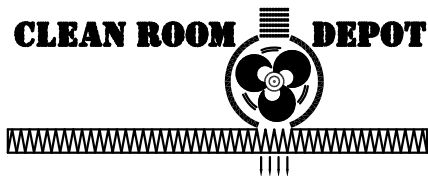
Control System

- ☐ Standard ☐ DDC
☐ Expanded Graphics System
☐ Out-of-Tolerance Alarm
☐ Hardcopy Report Generation
☐ Automatic Permanent Data Recording

Clean Room Depot, Inc. 1730 Church Street, Holbrook NY 11741

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Utilities (Specify on Space Data Sheet)

Utility	Distribution	Piping Material
Compressed Air	<input type="checkbox"/>	<input type="checkbox"/>
Carbon Dioxide	<input type="checkbox"/>	<input type="checkbox"/>
Cup Sink	<input type="checkbox"/>	<input type="checkbox"/>
Cold Water	<input type="checkbox"/>	<input type="checkbox"/>
Deionized Water	<input type="checkbox"/>	<input type="checkbox"/>
Distilled Water	<input type="checkbox"/>	<input type="checkbox"/>
Eyewash	<input type="checkbox"/>	<input type="checkbox"/>
Natural Gas	<input type="checkbox"/>	<input type="checkbox"/>
Helium	<input type="checkbox"/>	<input type="checkbox"/>
House Nitrogen	<input type="checkbox"/>	<input type="checkbox"/>
Hot Water	<input type="checkbox"/>	<input type="checkbox"/>
Intercom	<input type="checkbox"/>	<input type="checkbox"/>
Steam	<input type="checkbox"/>	<input type="checkbox"/>
Telephone & Data	<input type="checkbox"/>	<input type="checkbox"/>
Vacuum	<input type="checkbox"/>	<input type="checkbox"/>
Water for Injection	<input type="checkbox"/>	<input type="checkbox"/>
Special Gas	<input type="checkbox"/>	<input type="checkbox"/>

Process Vacuum

_____ Pressure, Hg In
 _____ Volume, ☐ CFM ☐ CMS
 Redundancy ☐ Required ☐ Not Required

Clean Dry Air

_____ Pressure, Hg In
 _____ Volume, ☐ CFM ☐ CMS
 Redundancy ☐ Required ☐ Not Required
 _____ Dew Point, ☐ °F ☐ °C
 Direct contact with product?
☐ Yes ☐ No
 Compressor ☐ Oilless ☐ Oilfree

Deionized Water System

_____ Resistivity Megohm
 _____ Volume Make-Up
☐ GPM ☐ LPM
 _____ Recirculating Loop
☐ GPM ☐ LPM
 _____ Storage
☐ Gallons ☐ Liters
 Point-of-Use-Filtration
☐ Required ☐ Not Required
 Stand-by Pumps
☐ Required ☐ Not Required
 Regeneration Skid Unit
☐ Required ☐ Not Required
 Continuous Recorder / Monitor
☐ Required ☐ Not Required

Piping Material

- ☐ PVDF
☐ Polypropylene
☐ Teflon (purbond)
 Other _____

UV Sterilization

- ☐ Required ☐ Not Required

Reclaim System

- ☐ Required ☐ Not Required

Redundancy (Check All Applicable)

- ☐ Multimedia ☐ Final Polishers
☐ Carbon Filtration ☐ Final Filters
☐ Water Softeners ☐ UV Sterilizers
☐ Demineralizers

Process Chilled Water

_____ Temperature, ☐ °F ☐ °C
 _____ Volume ☐ GPM ☐ LPM
 _____ Total BTU

Stand-by Piping

- ☐ Required ☐ Not Required

In-line Filtration

- ☐ Required ☐ Not Required

High Purity Gas Requirements**Valves / Fitting****Valve Type****End Connections****Notes****Piping****Material**

- ☐ 316: S.S. Tubing
☐ Other _____

Finish

- ☐ Low Microinch
☐ Electropolished with Low Microinch
☐ Other _____

Point-of-use Services (Check as required)

- ☐ Gas Filter
☐ High Purity Water Filters
☐ Regulators
☐ Flow Meters / Monitors
☐ Disconnect Switches

Hazardous Gas Monitoring Systems (Check as required)

- ☐ Point-of-Use Sensors
☐ Gas cabinets Sensors
☐ Battery Back-up
☐ Calibration and Test Kit

Automatic Tube Welder

- ☐ Required On-site
☐ Not Required After Installation

Exhaust**Scrubbing**

- ☐ Required _____
☐ CFM ☐ CMS
☐ Not Required

PH Alarms & Monitors

- ☐ Required ☐ Not Required

Exhaust Duct Material

- ☐ FRP
☐ PVC
☐ Stainless Steel
☐ Galvanized
☐ PVS, Galvanized with Vinyl Line
☐ Polypropylene
☐ Other _____

Status Lights & Alarm

- ☐ Required ☐ Not Required

Waste Treatment**Volume**

- Solvents _____
☐ GPM ☐ LPM

- Acid / Base _____
☐ GPM ☐ LPM

- Arsenic Removal
☐ Yes ☐ No

- Heavy Metal Removal
☐ Yes ☐ No

Other _____

Methods

- ☐ Hauling.
☐ Treatment.
☐ Hauling and Treatment.

Permits / Regulations**Exhaust System**

- ☐ Discharge Permits Secured by Owner.
☐ Permit Applies to Maximum Total Volume of Effluent.
☐ Continuous Recording/ Monitoring of Discharge Required.

Waste Removal / Treatment

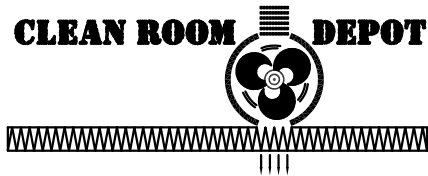
- ☐ Discharge Permits Secured by Owner.
☐ Permit Applies to maximum Total Volume of Effluent.
☐ Continuous Recording/ Monitoring of Discharge Required.
☐ Storage Tanks Required by Ordinance.

Other Applicable Regulations _____

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Plant Utilities**Services****General****Surrounding Environment****Plant Steam****Use of Union Personnel**Temperature Range ☐ °F ☐ °C☐ Available, _____ PSI☐ Required

Outside

☐ Not Available☐ Not Required

_____ Low (Winter)

_____ High (Summer)

Clean Steam**Payment Performance Bonding**

Plant Ambient

☐ Available, _____ PSI☐ Required

_____ Low (Winter)

☐ Not Available☐ Not Required

_____ High (Summer)

Hot Water**Permits and / or Fees****Humidity**☐ Available, _____ ☐ °F ☐ °C☐ Required

Outside

☐ Not Available☐ Not Required

_____ Low %

Electric

_____ High %

☐ Available, _____ Volts

Plant Ambient

_____ Phase

_____ Low %

☐ Not Available
Distance from Clean Room site to main electrical
distribution panels: _____ ft.

_____ High%

Special Lighting Voltage**Make-Up Air Source**☐ Inside Plant ☐ Outside Plant☐ Required, _____ Volts☐ Not Required**Altitude**

_____ Feet Above Sea Level

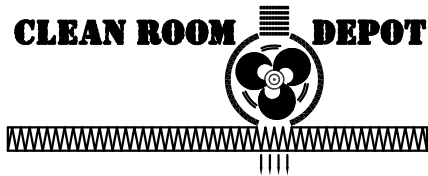
Fire Protection☐ Wet Sprinkler System☐ Dry Sprinkler System☐ Not Available

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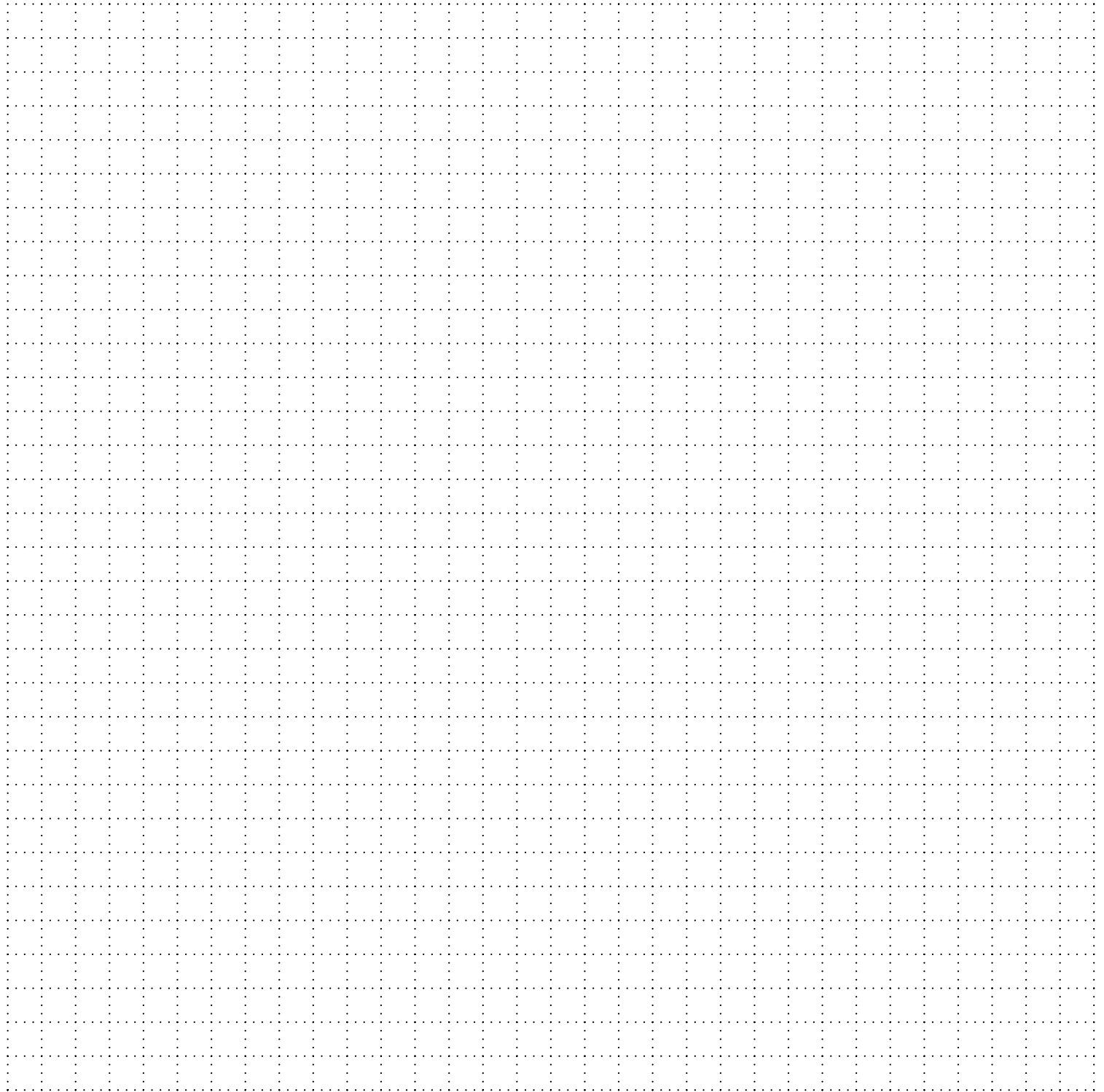
Contact Name:

Tel:

Project:

Shipping Date:

Scale: ☐ 1/4" ☐ 1/8" Other: _____



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