



## FACILITY PLANNER

DATE	<input type="text"/>	TITLE	<input type="text"/>
NAME	<input type="text"/>		
ADDRESS	<input type="text"/>		
CITY	<input type="text"/>	STATE	<input type="text"/>
ZIP	<input type="text"/>		
PHONE	<input type="text"/>	FAX	<input type="text"/>
E-MAIL	<input type="text"/>		
PROJECT	<input type="text"/>		
LOCATION	<input type="text"/>		
START DATE	<input type="text"/>	END DATE	<input type="text"/>





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Date:

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Shipping Date:

**Walls**

**Substrate**

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

**Fastening System**

- Aluminium Batten & Stud Assembly
- Concealed Fastening System

**Exterior**

- Coated Aluminium
- Coated Steel
- Plastic Laminate
- Stainless Steel
- Stainless Steel No 316

**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 Aluminium
- White Powder Coat

**Vibration**

Required

**Flooring**

- Existing Floor Type
- Treatment Required

**New Floor Type Preferred**

- VCT Tile
- Clean Room Sheet Vinyl
- Conductive Vinyl
- Non-Conductive
- Terazzo
- Painted Epoxy
- Other

**Open/Access Flooring**

- Perforated Raised Floor
- Open Grated
- Steel Access Flooring
- Aluminium 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
- 99.99% ULPA
- Other

**Duct Work**

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

**Special Utilities**

**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

**Shielding**

- Maximum Electromagnetic Interference (EMI)
- Required  Not Required

**Fire Protection**

**Central Housekeeping Vacuum**

- (Indicate location on floor plan)
- Required  Not Required

**Fire/Smoke Alarms**

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

**Control System**

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



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**Utilities**

**Utility**

**Piping Material**

- Compressed air
- Carbon Dioxide
- Cup Sink
- Cold Water
- Deionized Water
- Distilled Water
- Eyewash
- Natural Gas
- Helium
- House Nitrogen
- Hot Water
- Intercom
- Steam
- Telephone & Data
- Vacuum
- Water for Injection
- Special Gas

**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**

**Plant Steam**

\_\_\_\_\_ 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°  \_\_\_\_\_

\_\_\_\_\_ 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 Stainless Steel 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

**Hasardous GasMonitoring 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



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**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
- PIR
- Other

**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**

**Surrounding Environment**

Temperature Range

F°  C°

Outside

Low (Winter)  
 High (Summer)

Plant Ambient

Low (Winter)  
 High (Summer)

**Humidity**

Outside

Low %  
 High %

Plant Ambient

Low %  
 High %

**Make-Up Air Source**

Inside Plant  Outside Plant

**Altitude**

Feet Above  
Sea Level

**Services**

**Plant Steam**

Available  PSI

Not Available

**Clean Steam**

Available  PSI

Not Available

**Hot Water**

Available  F°  C°

Not Available

**Electric**

Available  Volts  
 Phase

Not Available

Distance from Clean Room site  
to main electrical distribution  
panels:  ft.

**Special Lighting Voltage**

Required  Volts

Not Required

**Fire Protection**

Wet Sprinkler System

Dry Sprinkler System

Not Available

**General**

**Use of Union Personnel**

Required

Not Required

**Payment Performance Bonding**

Required

Not Required

**Permits and/or Fees**

Required

Not Required