

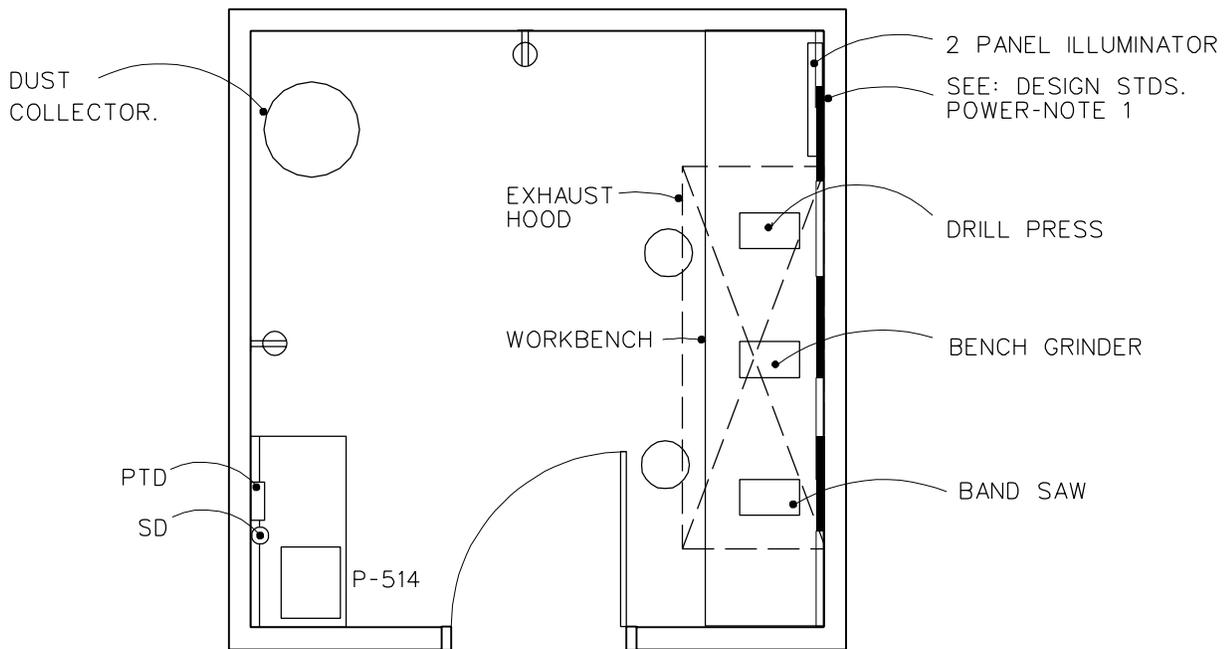
Section 5

Design Guide Plates and Data Sheets: Technical Support Areas

Guide Plate Series	Plate Number
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Mold Room Equipment & Utility Plan

FINAL DRAFT 2-29-96
Revised 10/96



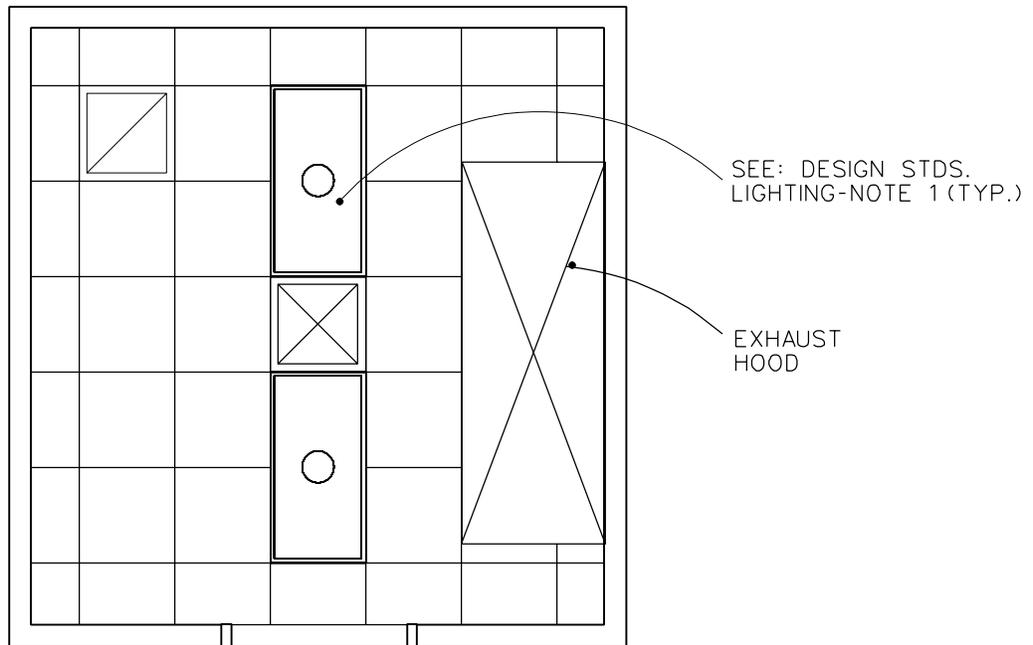
14 NSM

150NSF



Mold Room Reflected Ceiling Plan

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Revised 10/96



Design Standards

Mold Room

ARCHITECTURAL

Ceiling:	Acoustic Ceiling Tile
Ceiling Ht:	2745 mm (9'-0")
Wall Finish:	Paint
GWB	
Wainscot:	--
Base:	Resilient Base
Floor Finish:	Vinyl Composition Tile
Slab Depr:	--
Notes:	

SPECIAL EQUIPMENT

None

LIGHTING

General:	50fc - 2.4w/sf
Special:	--
Notes:	1. 600mm x 1200mm (2' x 4') recessed fluorescent light fixture, acrylic prismatic lens, W/2-F32T8 lamps, 4100 deg. K, CRI=85 (minimum).

POWER

General:	1200w (Duplex Receptacles)
Emergency:	--
Notes:	1. Provide exhaust hood over power tools.

COMMUNICATION

ADP:	--
Radio:	--
Telephone:	Yes
Intercom:	--
Pub. Addr:	--
Notes:	1. Conduit and junction boxes required for electronic access security system.

HEATING, VENTILATING AND AIR CONDITIONING

Dry Bulb Temp Cooling:	25°C (78°F)
Dry Bulb Temp Heating:	22°C (72°F)
Minimum % Outside Air:	15%
100% Exhaust Air:	Yes
Noise Criteria:	NC-40
Steam:	--
Relative Humidity/Cooling:	50%
Relative Humidity/Heating:	30%
Minimum Air Changes/Hr.:	10
Room Pressure:	Negative
AC Load-Equipment:	162w/sm (15w/sf)
AC Load Lighting:	2.6 w/sm (2.4 w/sf)
Number of People:	4
Special Exhaust:	Yes
Notes:	--

PLUMBING AND MEDICAL GASES

Cold Water:	--
Hot Water:	--
Laboratory Air:	--
Laboratory Vacuum:	--
Sanitary Drain:	--
Reagent Grade Water:	--
Medical Air:	--
Medical Vacuum:	--
Oxygen:	--
Notes:	1. Shop compressed air might be required. 2. Plaster trap might be required.

Equipment Guide List

Mold Room

SYMBOL	QTY	AI	DESCRIPTION
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NOTE: CEILING LIGHTING SHOULD BE LOCATED TO SUIT BENCH LOCATIONS AND ORIENTATIONS.

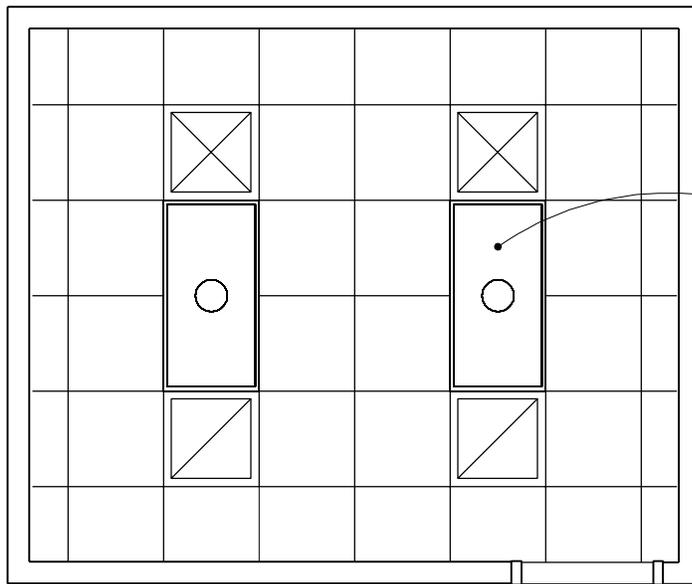
NOTE: CONNECTIONS, PLUMBING, ELECTRICAL OR MECHANICAL AS REQUIRED

NOTE: RECEPTACLE, ELECTRICAL, PROVIDE BOTH 120 & 208 VOLT SERVICE, STRIP, MULTIPLE, HEAVY DUTY, 1067 mm (42") ABOVE FINISHED FLOOR ON WALLS W/OUTLET AT 914 mm (36") INTERVALS (H-18-1, MCS 16140; H-18-3, CS 801-3)

AR	CC		HOOD, CANOPY, EXHAUST, PROVIDED OVER POWER TOOLS AND MELTING POWER AREAS, DIMENSIONS TO BE INDICATED ON DRAWINGS (H-18-1, MCS 15822)
1	CC		SINK, CORROSION RESISTING STEEL, DOUBLE COMPARTMENT, ELBOW CONTROLS
AR	CF		MODULAR CASEWORK
1	VV		DRILL PRESS, BENCH MOUNTED
1	VV		DUST COLLECTOR, MOBILE
1	VV		GRINDER, BENCH MOUNTED
1	VV		ILLUMINATOR, X-RAY FILM, 2 PANEL, SURFACE MTD.
1	VV		MILL, COMPENSATOR
1	VV		PROJECTOR, COMPENSATOR
1	VV		PUMP, SUCTION, MOBILE
1	VV		SAW, BAND, BENCH TYPE
AR	VV		STOOL, ADJUSTABLE HEIGHT, WITHOUT ARMS
1	VV		STYROFOAM CUTTER
1	VV		TABLE, BLOCK COOLING
AR	VV		WORK BENCH, WOOD TOP WITH STORAGE UNDERNEATH, APPROX., 1219 mm (48") X LENGTH AS REQUIRED X 762 mm (30")
1	VV		DISPENSER, PAPERTPWEL, SURFACE MOUNTED
1	VV		DISPENSER, SOAP, LIQUID, WALL MOUNTED

Treatment Planning Computer Room Reflected Ceiling Plan

FINAL DRAFT 2-29-96
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SEE: DESIGN STDS.
LIGHTING-NOTE 1 (TYP.)



Design Standards

Treatment Planning Computer Room

ARCHITECTURAL

Ceiling:	Acoustic Ceiling Tile
Ceiling Ht:	2745 mm (9'-0")
Wall Finish:	Paint
Wainscot:	--
Base:	Resilient Base
Floor Finish:	Vinyl Composition Tile
Slab Depr:	--
Notes:	1. 3'-0" Wide door with tempered glass view window

SPECIAL EQUIPMENT

None

LIGHTING

General:	50fc - 1.3 w/sf
Special:	--
Notes:	1. 600mm x 1200mm (2' x 4') recessed fluorescent light fixture, acrylic prismatic lens, W/3-F32T8 lamps, 4100 deg. K, CRI=75 (minimum).

POWER

General:	1400w (Receptacles)
Emergency:	--
Notes:	--

COMMUNICATION

ADP:	Yes
Radio:	--
Telephone:	Yes
Intercom:	--
Pub. Addr:	--
Notes:	

HEATING, VENTILATING AND AIR CONDITIONING

Dry Bulb Temp Cooling:	25°C (78°F)
Dry Bulb Temp Heating:	22°C (72°F)
Minimum % Outside Air:	15%
Noise Criteria:	NC-40
Steam:	--
Relative Humidity/Cooling:	50%
Relative Humidity/Heating:	30%
Minimum Air Changes/Hr.:	4
Room Pressure:	0
AC Load-Equipment:	140w/sm (13w/sf)
AC Load Lighting:	26w/sm (2.4w/sf)
Number of People:	4
Special Exhaust:	--
Notes:	--

PLUMBING AND MEDICAL GASES

Cold Water:	--
Hot Water:	--
Laboratory Air:	--
Laboratory Vacuum:	--
Sanitary Drain:	--
Reagent Grade Water:	--
Medical Air:	--
Medical Vacuum:	--
Oxygen:	--
Notes:	

Equipment Guide List Treatment Planning Computer Room

SYMBOL	QTY	AI	DESCRIPTION
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NOTE: THE DEDICATED COMPUTER EQUIPMENT FOR RADIATION THERAPY PLANNING TO BE DETERMINED ON PROJECT BASIS BY VETERANS HEALTH ADMINISTRATION (VHA).

NOTE: OUTLETS, RADIATION THERAPY PLANNING COMPUTER SYSTEM (EMPTY CONDUIT SYSTEM) (SEE ELECTRICAL ENGINEERING SERVICE GUIDE LINES)

2	VV	CHAIR, ROTARY, WITH ARMS
2	VV	WORKSTATION, TREATMENT PLANNING COMPUTER, W/ MAG TAPE, DISK SERVER, PRINTER/PLOTTER, DIGITIZER