



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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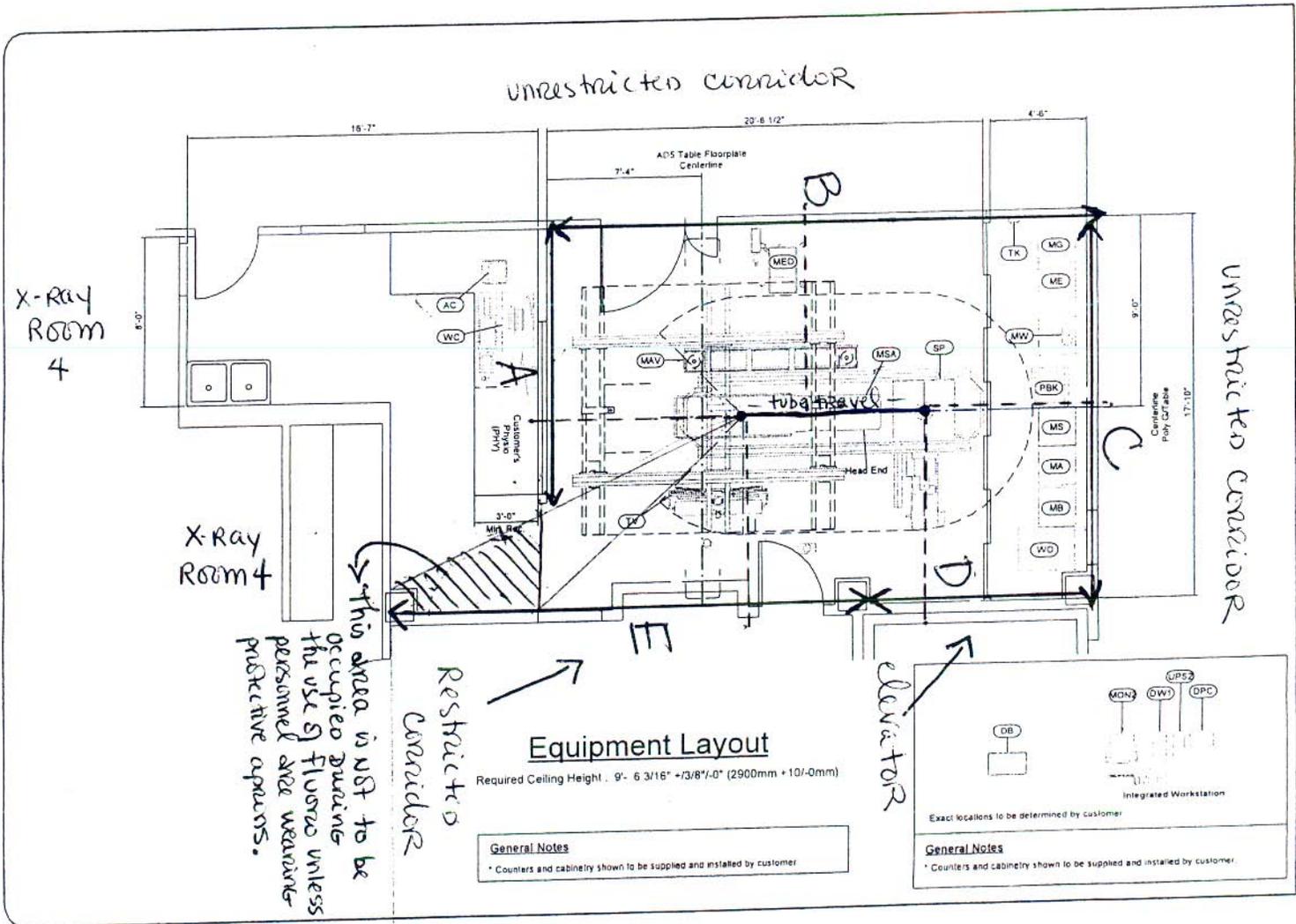
DATE: September 28, 2005
TO: State Licensed Private Inspectors
THRU: Roland G. Fletcher, Manager III, Radiological Health Program (RHP)
FROM: Renee Fizer, Chief, Radiation Machines Division (RMD)
SUBJECT: Information and Regulatory Interpretation Memos (IRI) 05-05 September 2005

Plan Reviews

The RMD has reviewed fluoroscopic plan reviews in which there is no shielded door from the room into the control room. The public health concern is that non-badged personnel can stand in that area to observe the procedure when the fluoroscopic radiation machine is energized and receive more dose than is allowed for members of the general public. Effective October 15, 2005, when preparing plan reviews, an evaluation must be made to determine if shielding is needed for that open area. If shielding is determined to be needed, you must inform the facility representative that they must post a warning sign that states "Radiation" or tape the surrounding area indicating "Radiation" to eliminate any individuals standing in the open area when the fluoroscopic machine is energized. The facility must address this issue at the time of the plan review evaluation and this must be denoted on the plan review. Attached is an example of a diagram that depicts a room with no shielded door.

Attachment





unrestricted corridor

X-Ray Room 4

X-Ray Room 4

unrestricted corridor

this area is not to be occupied during the use of Fluoro unless personnel are wearing protective aprons.

restricted corridor

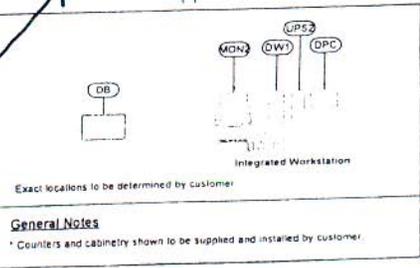
Equipment Layout

Required Ceiling Height : 9'- 6 3/16" +3/8"±0" (2900mm +10/-0mm)

General Notes

* Counters and cabinetry shown to be supplied and installed by customer

elevator



General Notes

* Counters and cabinetry shown to be supplied and installed by customer