



Welcome to the Veritas Prospectus.

This document is intended to record the project parameters to be used by Veritas in designing your shielded area and/or specifying the most appropriate Veritas products to fully meet your requirements. It is our goal to provide you with the best possible shielding solutions for your project. To help us make the most cost effective recommendations, it is important that you provide us with as much project information as possible.

Primary Contact:

Architect Contractor/CM Other
Engineer Owner

Name _____

Address _____

Phone Number _____

Email _____

Other Contact:

Architect Contractor/CM Other
Engineer Owner

Name _____

Address _____

Phone Number _____

Email _____

Direct Requested Veritas Information To:

Architect Contractor/CM Engineer Owner Other

Project Information

Prospectus Submission Date _____

Form Completed by _____

Approved by _____

Your Role in Project _____

Facility Name _____

Location Address _____

City _____ State _____ Country _____

Other Contact:

Architect Contractor/CM Other
Engineer Owner

Name _____

Address _____

Phone Number _____

Email _____

Services Desired from Veritas:

- Budget Estimate
- Proposal/Quotation
- General Product Information
- Sample Room Layouts
- Sample Construction Details
- Preliminary Physics Evaluation
- Meeting with a Veritas Representative

Please check which Veritas product package you are interested in:

- | | | | | |
|--------------------------|--------------------------|------------------------|------------------------|-----------------|
| Full Room Package | Shielding Package | Door & Ductwork | Door Only | Custom Package |
| - All Required Shielding | - All Required Shielding | - Shielded Door System | - Shielded Door System | Please Describe |
| - Shielded Door System | - Shielded Door System | - Duct Shielding | | |
| - Duct Shielding | - Duct Shielding | | | |
| - Interiors Package | | | | |

Project Parameters:

Labor Type:

Union Non-Union Don't know

Scheduling:

 Please provide estimated dates for:

Start of Construction _____

Foundation/ Slab Installation _____

Equipment Delivery _____

Start of Treatment _____

Regulations: Radiation protection regulations vary from region to region. We need to know what regulations you are designing to.

What regulations are you designing to?

NCRP 151 (Public: 20uSv/wk, Controlled: 100uSv/wk)

ICRP 60 (Public: 20uSv/wk, Controlled: 400uSv/wk)

Unsure (if unsure we will design to NCRP 151 regulations, unless provided with more information).

Other: (please specify):

Public: _____

Controlled: _____

Should you not have complete information, Veritas can still provide you with your desired services. In the event of an incomplete prospectus, we will base our shielding calculations and pricing estimates on the following assumptions:

Number of rooms: 1

Machine: 6MV Linac

Regulations: NCRP 151

Patient Workload:

50 patients per day for linacs

20 patients per day for specialty rooms

Modality breakdown: 50% 3DCRT, 50%IMRT for linac

Entry type: Direct

Door type: Swing

Occupancies:

2 walls full occupancy

2 walls low occupancy

Ceiling low occupancy

Floor on-grade

Worksite Constraints: None. Within full-height space; full site access; no overhead obstructions or special material handling requirements; standard day rate work hours; on-site storage

Worksite Constraints:

For accurate designs and pricing we need to know if there are special site conditions that might influence the project. We need to know about items such as confined building space, limited site access, storage restrictions and off-hour installation or delivery requirements.

Notes:

Location

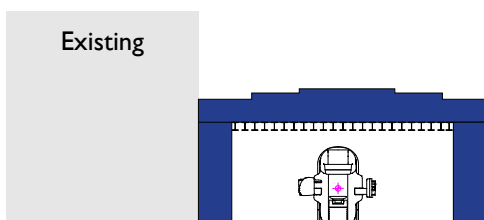
It is important we know where the treatment room(s) will be located, especially with respect to other structures and surrounding services.

Please indicate the appropriate room position.

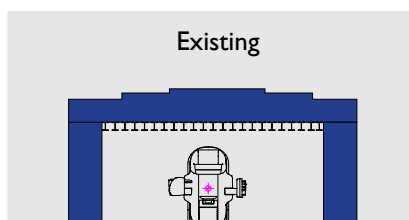
Below ground Ground level Upper floor

Maximum available height of the room location: _____

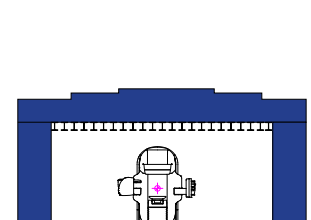
Attached to structure



Within structure



Freestanding



Room Information

It is important we know the details of the room's equipment and usage in order to provide adequate shielding. Please fill in the following information to the best of your ability.

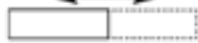
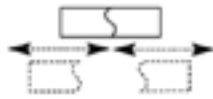
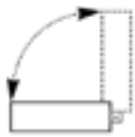
Door Type: Veritas offers three styles of radiation protective door systems: swing, sliding and bi-parting sliding. The choice of door type will influence pricing.



Swing

Bi-Parting

Sliding



Entry Type: Veritas Shielded Rooms can be configured with a variety of entry types: Direct; Mini-Maze; Maze; Doorless. The entry type will impact shielding design and pricing.



Direct

Mini-Maze

Maze

Doorless

Example Linac Types

Vendor	Model
Varian	TrueBeam, Trilogy, Clinac, Silhouette, Unique, Slim
Elekta	Synergy, Infinity, Precise, Axesse, Compact, Versa HD
Accuray	Tomotherapy, Cyberknife
Siemens	Primus, Artiste
BrainLab	Vero

Patient Workload and Modalities: Shielding requirements for a facility treating 20 patients per day are going to differ greatly from shielding requirements for a facility treating 60 patients per day. Let us know how many patients your facility plans on treating. It will also be helpful to know if this number is over one shift or multiple shifts.

Linac Rooms - (Note: For more than 4 rooms, please fill out additional form.)

	Linac 1		Linac 2		Linac 3		Linac 4	
Vendor & Model: (e.g. Varian TrueBeam, Elekta Synergy)								
Machine Energy (MV): (e.g. 6MV, 6/15MV, 10MV, 15MV)								
Entry Type:								
Door Type:								
Interiors?								
Number of Patients per day:								
Treatment Modality:	High Energy	Low Energy	High Energy	Low Energy	High Energy	Low Energy	High Energy	Low Energy
No. of Conventional Patients:								
No. of IMRT Patients:								
No. of Radiosurgery Patients:								
No. of RapidArc/VMAT Patients:								
No. of TBI Patients:								

Specialty Rooms

	Specialty Room 1	Specialty Room 2	Specialty Room 3	Specialty Room 4
Room Type: (e.g. HDR, CT):				
Vendor & Model:				
Entry Type:				
Door Type:				
Interiors?				

Drawings:

Please send us drawings of where the shielded rooms will be built. The most helpful drawings for us are plan views and section views of the shielded room areas. If you can give us these drawings in AutoCAD, PDF or Revit format then we will be able to provide you the most useful and accurate information.

Occupancies:

Shielding requirements can depend on the amount of time people spend in the areas around the room. For example, a wall adjoining an outdoor space (where people are just passing by) may require less shielding than a wall adjoining an office (where someone is present all day). Therefore, in order to provide you with accurate information, it is important for us to know what areas surround the room. It is also beneficial to know if areas of "higher" occupancy exist beyond the adjoining spaces, such as if the room has an adjacent hallway (where it is unlikely one person is standing all day) and on the other side of that hallway is an office (where someone spends their whole day). The areas of higher occupancy, though further away, might require more shielding than the adjacent "lower" occupied spaces.

Please specify the areas surrounding the bunker, including the areas above and below. If "Other", please give a description. If the room is not within a structure are there other buildings nearby (within approx. 15m)? Yes No On which room side/s and approx. how high? _____

Layout and other notes:

Areas Surrounding Vault	
Office Space	Storage Area
Hallway	Earth to full height
Control Area	Shared - Vault
Outdoor Space	Other

Areas above / below
Occupied Space
Control Area
Outdoor Space

Side 1

Notes:

Above Room

Notes:

Side 4

Notes:



Side 2

Notes:



Side 3

Notes:

Below Room

Notes: