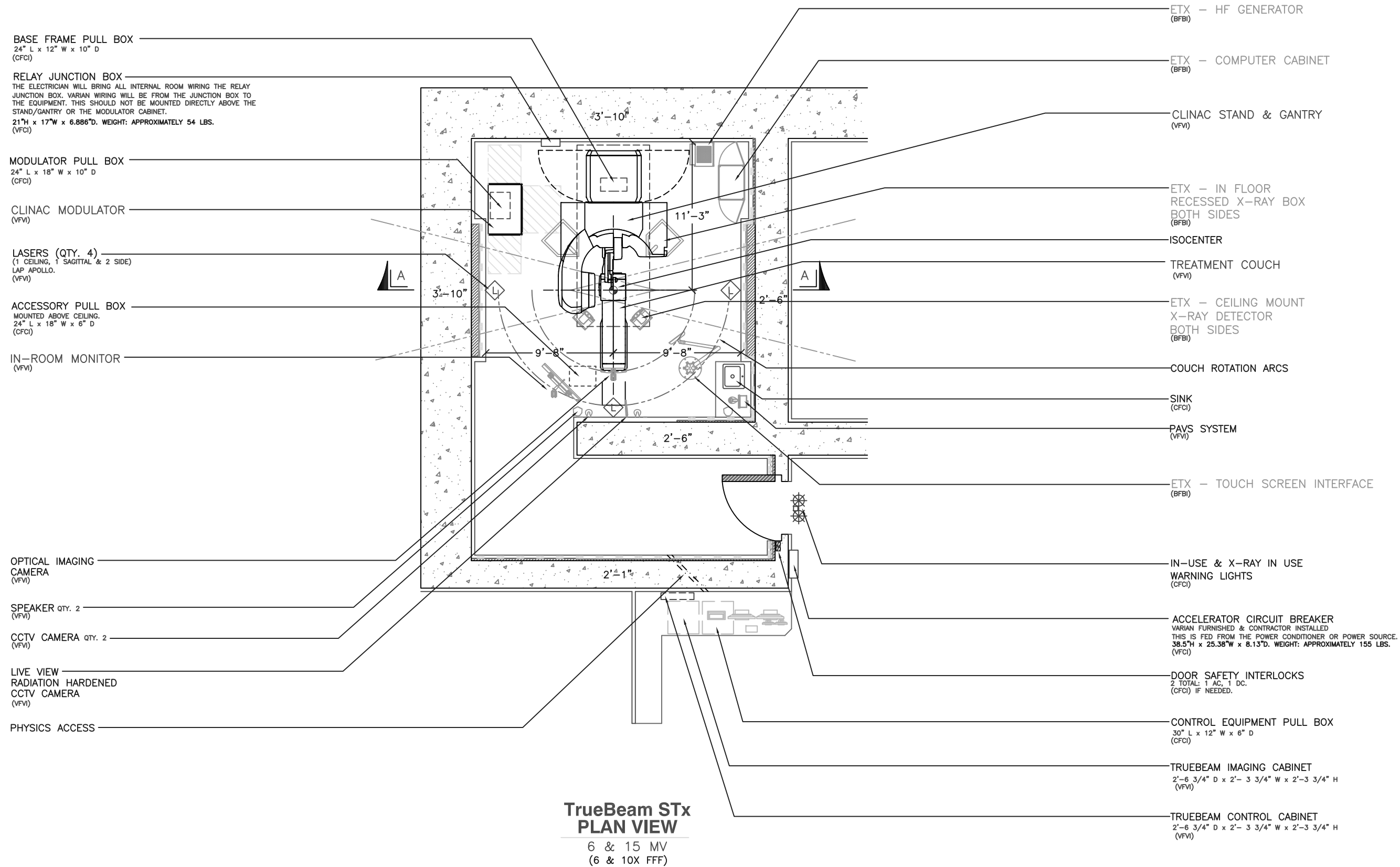


JAMES A. HALEY VA MEDICAL CENTER
13000 BRUCE B. DOWNS BLVD.
TAMPA, FL 33612

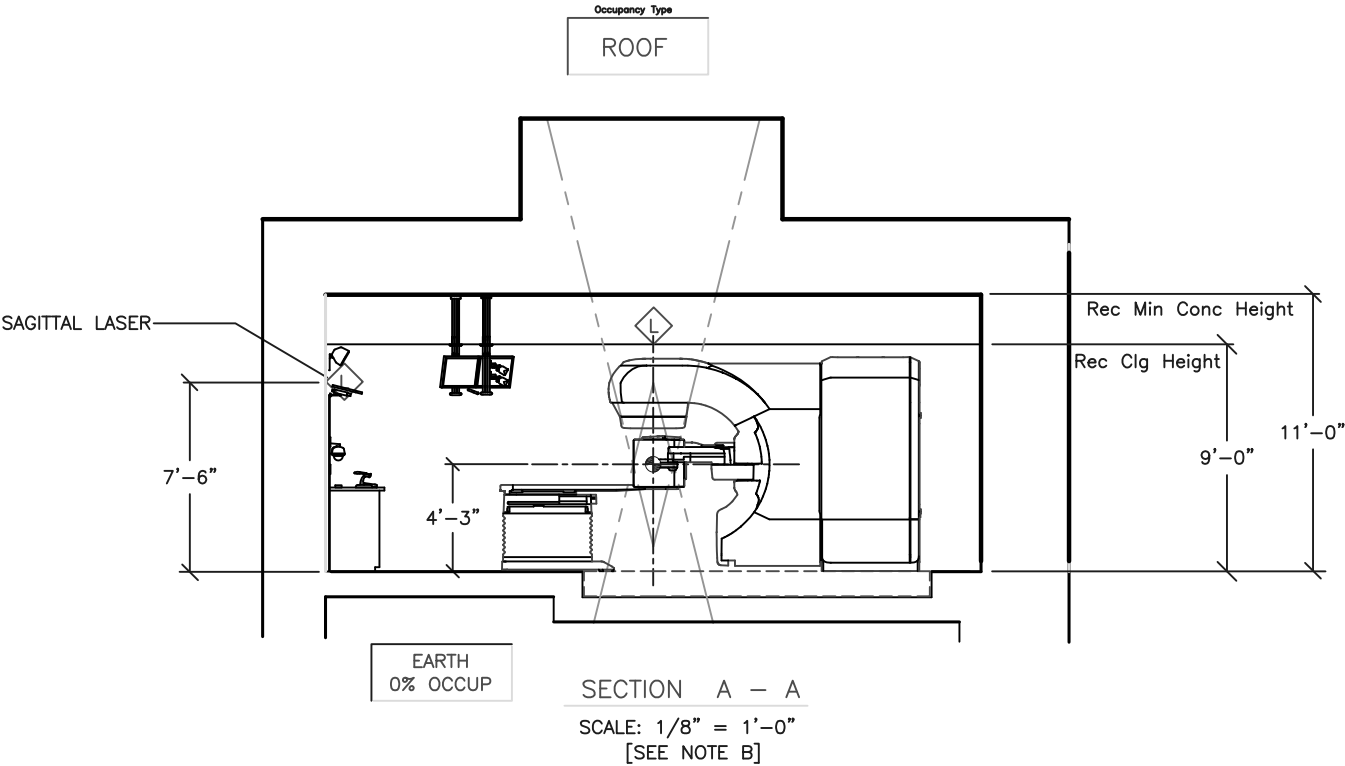


SCALE: $1/8" = 1'-0"$

RESPONSIBILITY LEGEND:

CFCI: CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
OFCI: OWNER FURNISHED, CONTRACTOR INSTALLED.
VFCI: VARIAN FURNISHED, CONTRACTOR INSTALLED.
VFVI: VARIAN FURNISHED, VARIAN INSTALLED.
BFBI: BRAINLAB FURNISHED, BRAINLAB INSTALLED.

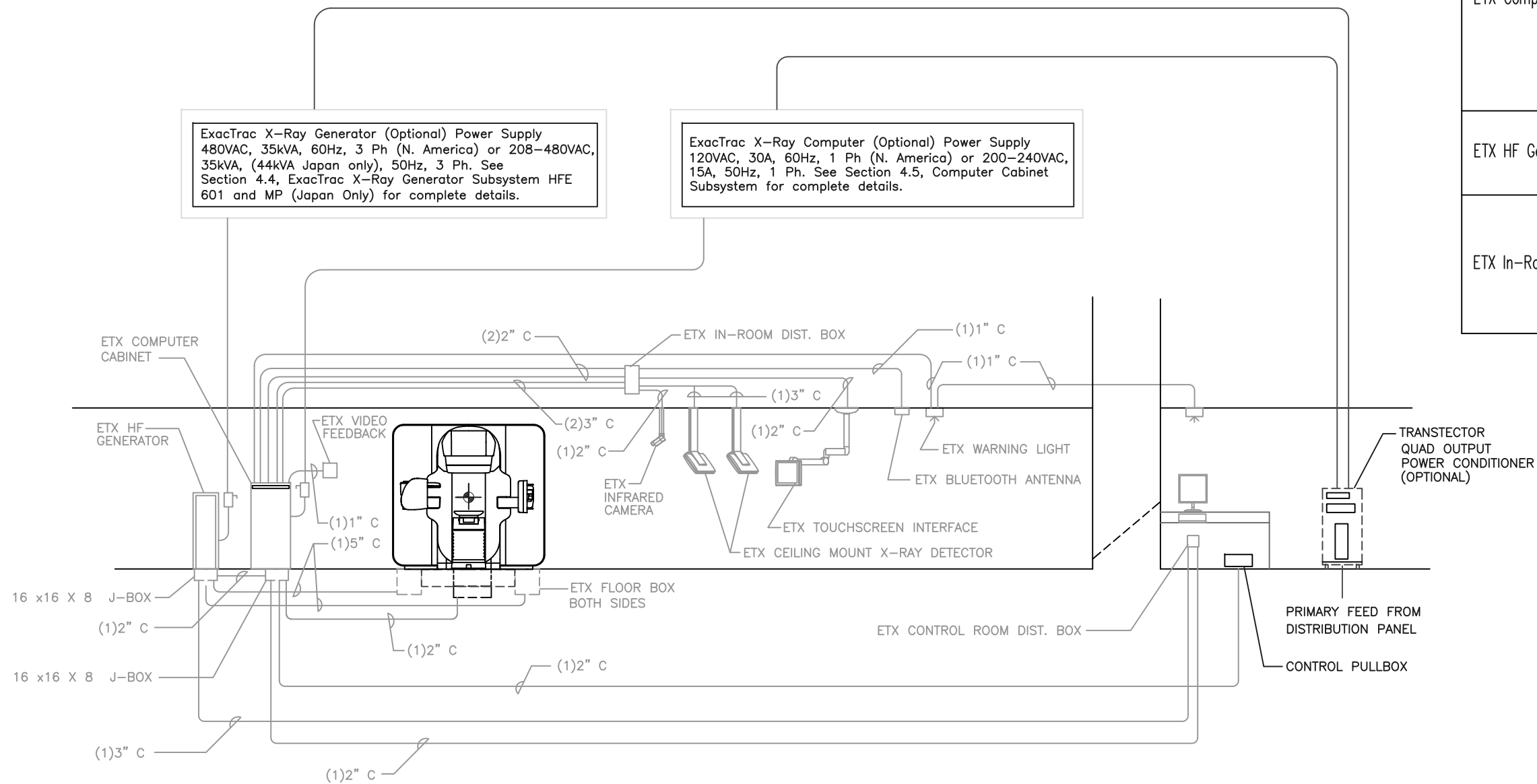
REFERENCE NOTES		DESCRIPTION OF CHANGE	INITIAL	ISSUE	DIMENSIONS: ft – in [mm]					PCD FILE NO.
<p>A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD.</p> <p>B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE.</p> <p>C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY.</p>					NOT FOR CONSTRUCTION					13-0015
					COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011					
					DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE
					TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 1 7
		CHK	JWD		VARIAN		medical systems	B SIZE	13-0015PA0	0
		DATE	02NOV12						DRAWING NO.	REV.
		REV	0							



TrueBeam
TYPICAL SECTION VIEW
6 & 15 MV
(10X FFF)

SCALE: 1/8" = 1'-0"

REFERENCE NOTES		DESCRIPTION OF CHANGE	INITIAL ISSUE	DIMENSIONS: ft - in [mm]					PCD FILE NO.	
A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD.				NOT FOR CONSTRUCTION					13-0015	
				COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011						
				DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE	
				TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 2 7	
B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE.		CHK JWD		VARIAN		medical systems	B	13-0015PA0	0	
C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY.		DATE 02NOV12				SIZE	DRAWING NO.	REV.		
		REV								



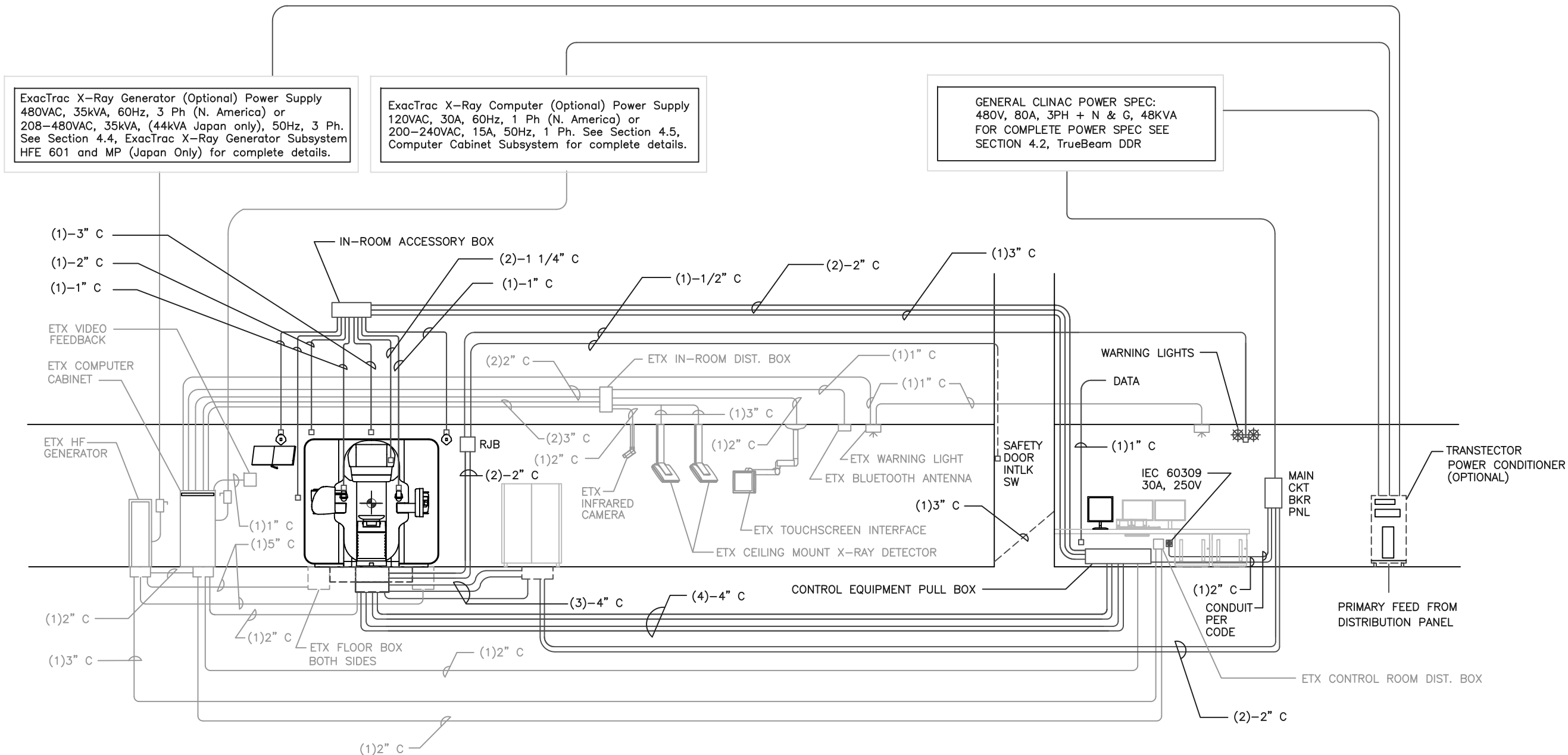
TYPICAL ExacTrac CONDUIT DIAGRAM
N.T.S.

ExacTrac Conduit Schedule			
From	To	Qty.	Size (in)
ETX Computer Cabinet	Base Frame Pull Box	1	2.0
	Control Pull Box	1	2.0
	ETX Control Room Distribution Box	1	2.0
	ETX HF Generator	1	2.0
	ETX Video Feedback	1	1.0
	ETX Warning Lights	1	1.0
	ETX In-Room Distribution Box	2	2.0
ETX HF Generator	ETX Control Room Distribution Box	1	3.0
	ETX Floor Box 1	1	5.0
	ETX Floor Box 2	1	5.0
ETX In-Room Distribution Box	ETX Touch Screen Monitor	1	2.0
	ETX Ceiling Mounted Infrared Camera	1	2.0
	ETX Bluetooth Antenna	1	1.0
	ETX Ceiling Mounted X-ray Detector 1	1	3.0
	ETX Ceiling Mounted X-ray Detector 2	1	3.0

NOTE:
ALL ITEMS LISTED WITH A "ETX" ARE A COMPONENT OF THE
EXACTRAC X-RAY POSITIONING SYSTEM.

SCALE: 1/8" = 1'-0"

REFERENCE NOTES				DESCRIPTION OF CHANGE	INITIAL ISSUE	DIMENSIONS: ft – in [mm]					PCD FILE NO.
A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD. B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE. C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY. D. VERIFY ALL SHIELDING AND PENETRATIONS WITH THE PHYSICIST OF RECORD.						NOT FOR CONSTRUCTION					13-0015
						COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011					
						DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE
						TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 3 7
				CHK	JWD	VARIAN		medical systems	B	13-0015PA0	0
				DATE	02NOV12			SIZE	DRAWING NO.	REV.	
				REV							

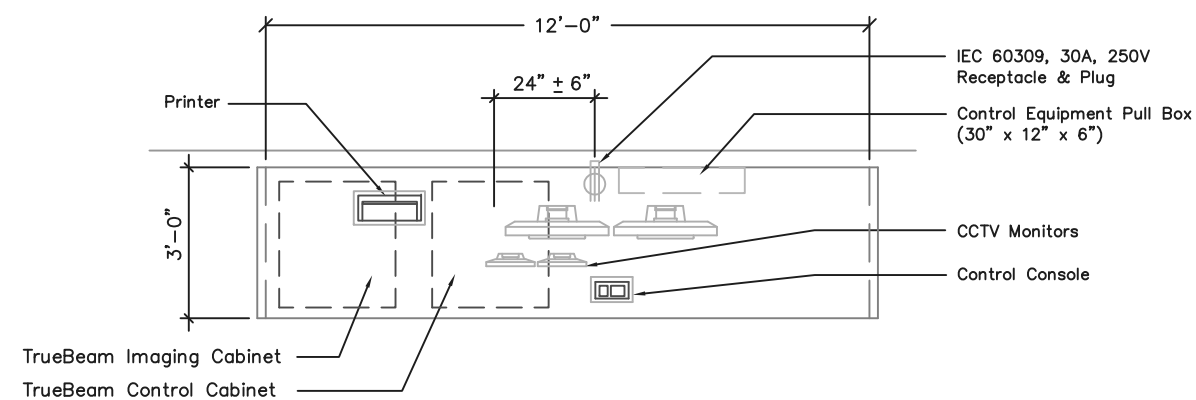


TYPICAL COMPOSITE TrueBeam STx CONDUIT DIAGRAM
N.T.S.

NOTE:
ALL ITEMS LISTED WITH A "ETX" ARE A COMPONENT OF THE
EXACTRAC X-RAY POSITIONING SYSTEM.

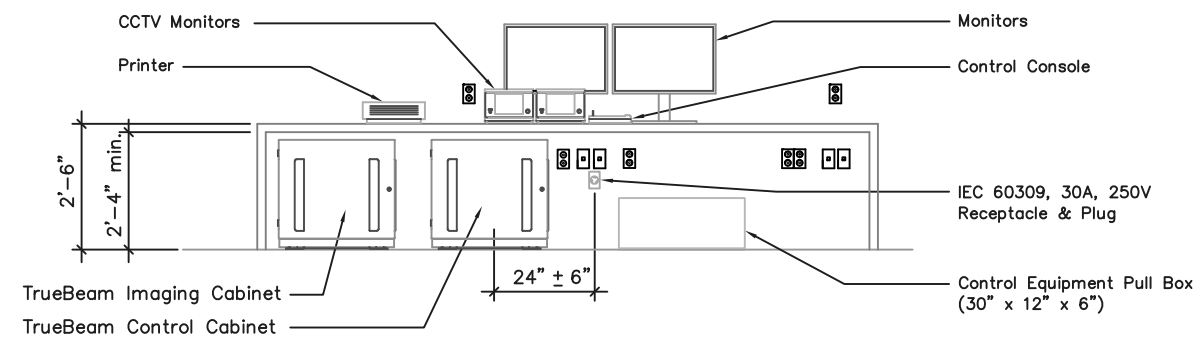
SCALE: 1/8" = 1'-0"

REFERENCE NOTES				DESCRIPTION OF CHANGE	INITIAL ISSUE	DIMENSIONS: ft – in [mm]					PCD FILE NO.	
A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD. B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE. C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY. D. VERIFY ALL SHIELDING AND PENETRATIONS WITH THE PHYSICIST OF RECORD.						NOT FOR CONSTRUCTION					13-0015	
						COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011						
						DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE	
						TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 4 7	
				CHK	JWD	VARIAN		medical systems	B SIZE	13-0015PA0 DRAWING NO.	0 REV.	
				DATE	02NOV12							
				REV								



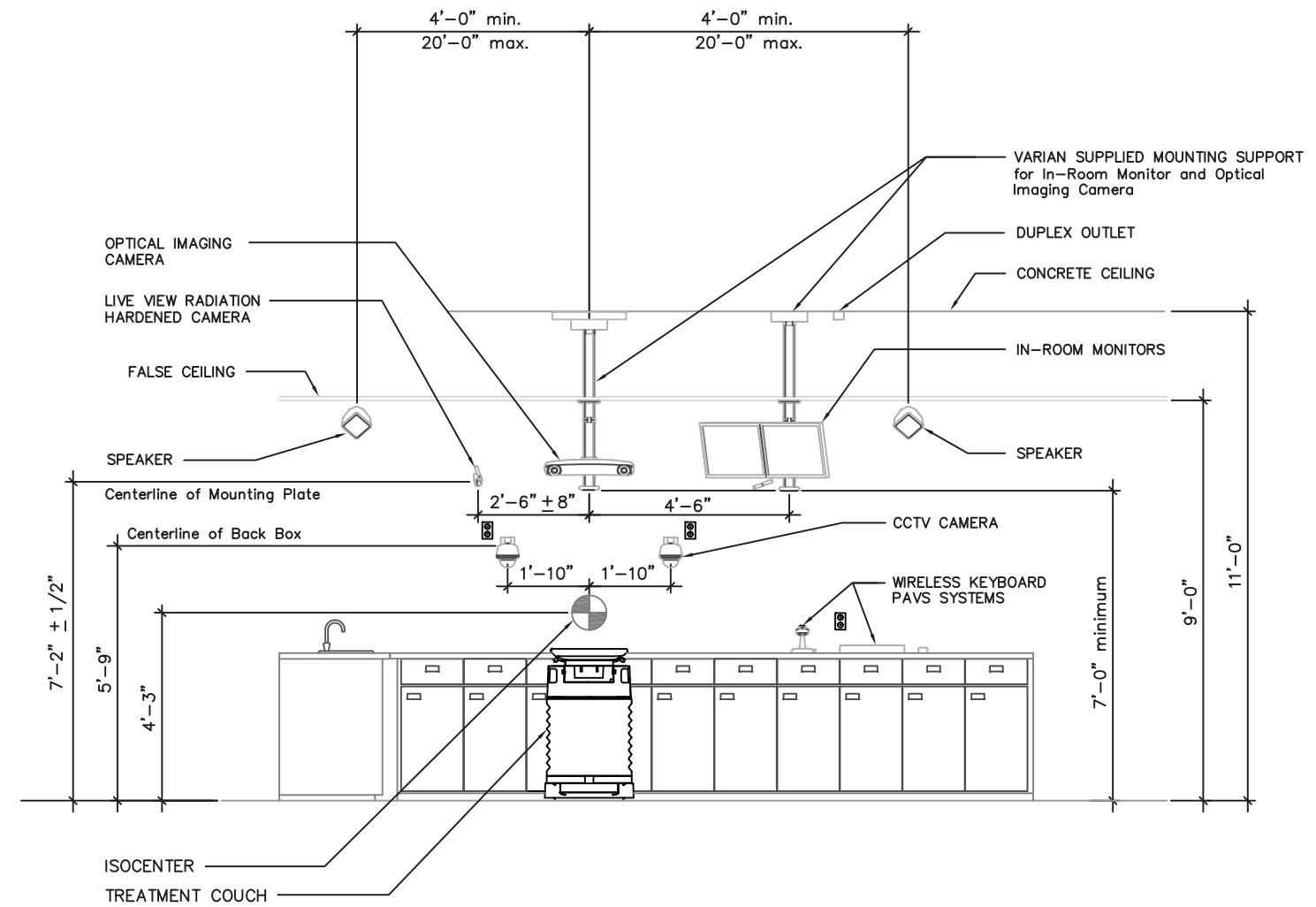
CONTROL CONSOLE PLAN VIEW

SCALE: 1/4" = 1'-0"



CONTROL CONSOLE ELEVATION

SCALE: 1/4" = 1'-0"



TYPICAL ELEVATION AT SAGITTAL WALL

SCALE: 1/4" = 1'-0"

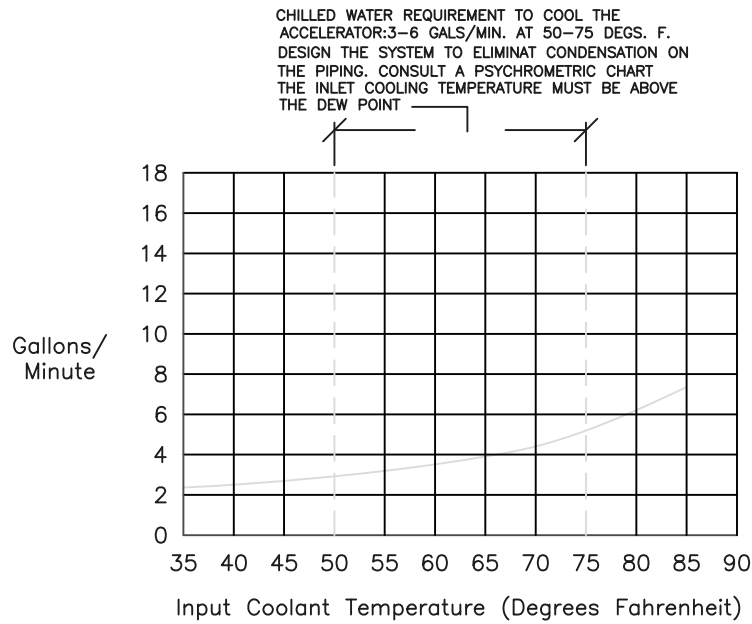


SCALE: 1/8" = 1'-0"

REFERENCE NOTES

- A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD.
- B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE.
- C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY.

DESCRIPTION OF CHANGE		INITIAL	ISSUE	DIMENSIONS: ft - in [mm]					PCD FILE NO.
				NOT FOR CONSTRUCTION					13-0015
CHK	JWD			DRAWN	DATE	APPROVED	DATE	APPROVED	DATE
DATE	02NOV12			JWD	02NOV12				
REV									
TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL									PAGE 5 7
VARIAN				medical systems	B	13-0015PA0	0		
				SIZE	DRAWING NO.	REV.			



CHILLED WATER REQUIREMENT

FOR THE COMPLETE CHILLED WATER SPEC SEE THE DESIGNER'S DESK REFERENCE PAGE 3-28, SECTION 3.6.2.1

NOTE:

FOR THE COMPLETE CHILLED WATER AND HVAC SPEC SEE THE DESIGNER'S DESK REFERENCE PAGES 3-25 THROUGH 3.30

HVAC REQUIREMENT

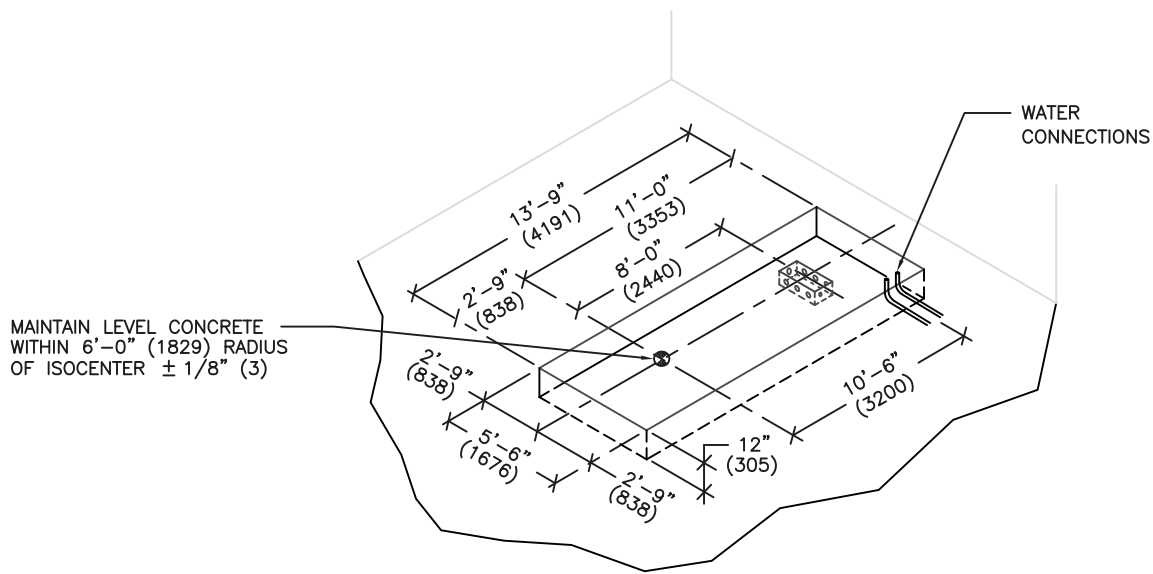
ACCELERATOR VAULT

STAND AND GANTRY DURING BEAM ON: 7.0kW (23,891 btu/hr.)

MODULATOR DURING BEAM ON: 5.0 kW (17,065 btu/hr.)

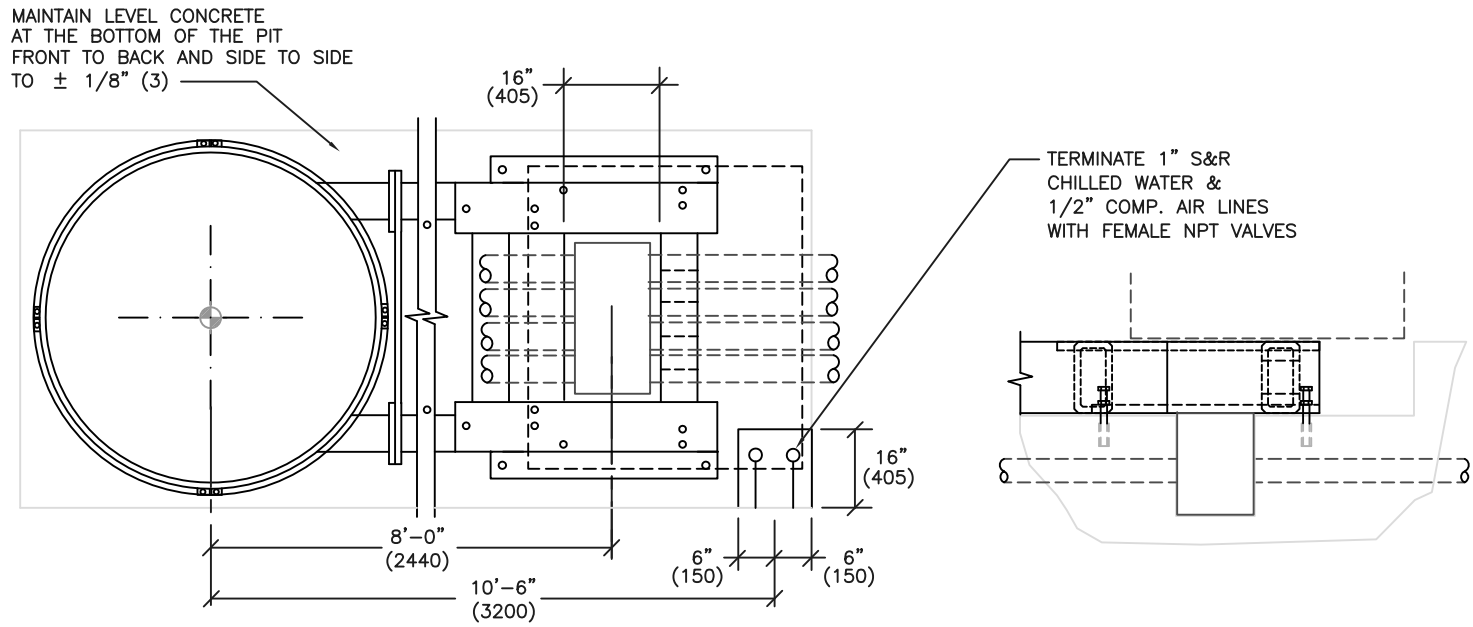
CONTROL AREA

CLINAC CONTROL AREA COMPUTERS: 3.5kw (11,943 btu/hr.)



TYPICAL BASE FRAME PIT DIMENSIONS

N.T.S.

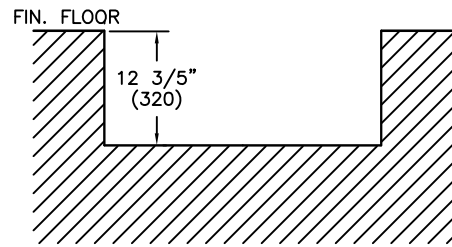
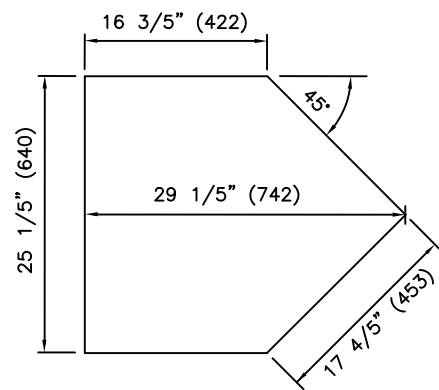


TYPICAL SIDE CABLE ACCESS PLAN and SECTION at PULL BOX

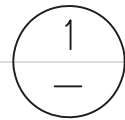
N.T.S.

SCALE: 1/8" = 1'-0"

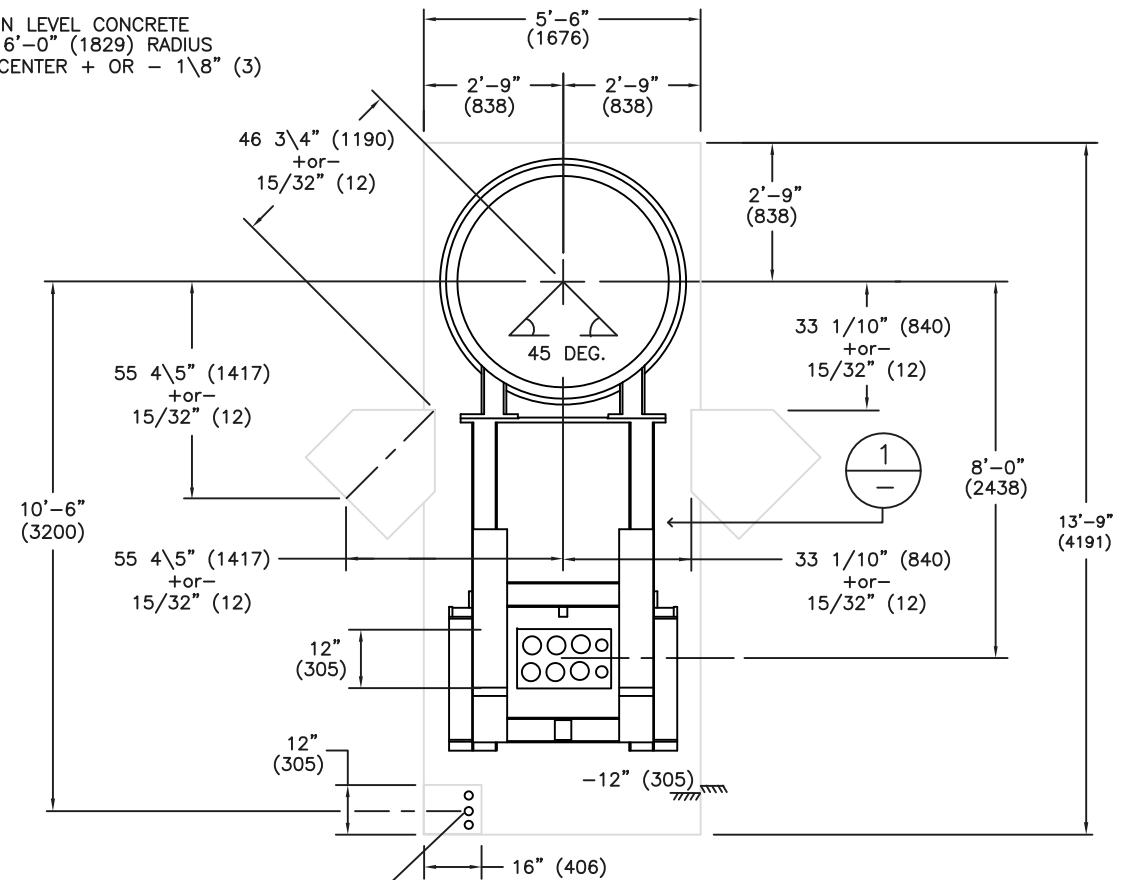
REFERENCE NOTES					DIMENSIONS: ft - in [mm]					PCD FILE NO.
A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD.					NOT FOR CONSTRUCTION					13-0015
					COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011					
B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE.	DESCRIPTION OF CHANGE	INITIAL	ISSUE		DRAWN	DATE	APPROVED	DATE	APPROVED	DATE
	CHK	JWD			JWD	02NOV12				
C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY.	DATE	02NOV12			TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 6
D. VERIFY ALL SHIELDING AND PENETRATIONS WITH THE PHYSICIST OF RECORD.	REV									7
					VARIAN		medical systems	B	13-0015PA0	0
							SIZE	DRAWING NO.	REV.	



BL – FLOOR BOX DETAIL
N.T.S.

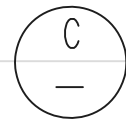


NOTE:
MAINTAIN LEVEL CONCRETE
WITHIN 6'-0" (1829) RADIUS
OF ISOCENTER + OR - 1'8" (3)



TERMINATE 1/2" (13) Compressed Air &
1" (25) Cooling Water Supply / Return
LINES WITH FEMALE NPT VALVES

BASE FRAME PIT DIMENSIONS (with ExacTrac)
N.T.S.

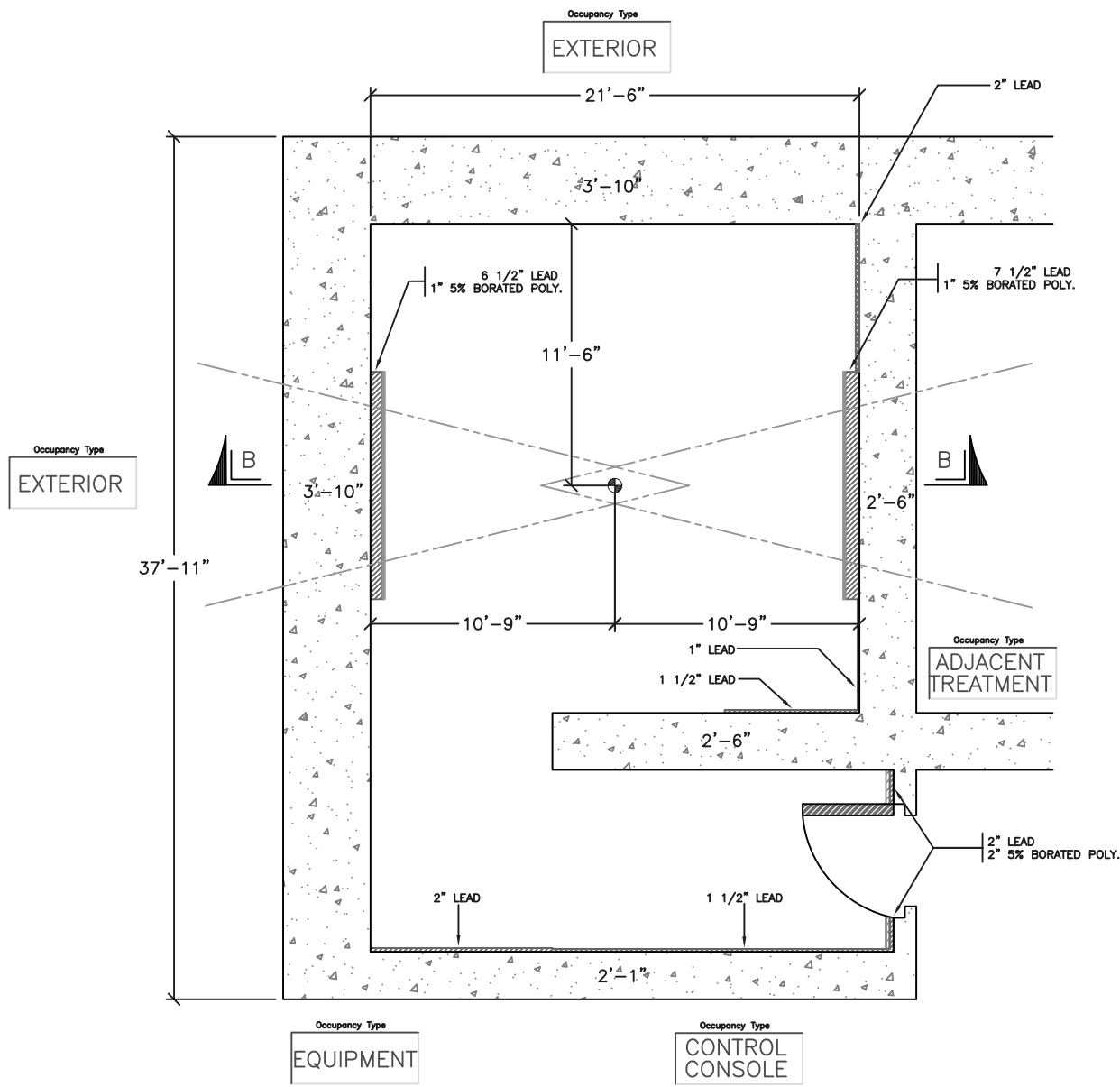


SCALE: 1/8" = 1'-0"

REFERENCE NOTES		DESCRIPTION OF CHANGE	INITIAL	ISSUE	DIMENSIONS: ft – in [mm]					PCD FILE NO.				
A. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD.					NOT FOR CONSTRUCTION					13–0015				
					COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011									
					DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE				
					TrueBeam STx PROPOSAL FOR JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 7 7				
B. THESE DRAWINGS ARE NOT COMPLETE. THE APPROPRIATE CLINAC DESIGNERS' DESK REFERENCE (DDR) IS TO BE USED FOR NEW OR REMODELED THERAPY ROOM PLANNING. ALL DRAWINGS AND RAD SHEETS REQUIRED ARE INCLUDED IN THAT PACKAGE.					CHK JWD									
C. INFORMATION SHOWN ON SECTION IS TYPICAL LAYOUT ONLY.					DATE 02NOV12									
D. VERIFY ALL SHIELDING AND PENETRATIONS WITH THE PHYSICIST OF RECORD.					REV									
					VARIAN			medical systems	B SIZE	13–0015PA0 DRAWING NO.	0 REV.			

ALL SHIELDING CALCULATIONS ARE BASED
ON U.S. RADIATION DOSE LIMITS

PUBLIC = 2 mrem/wk
EMBRYO/FETUS (CONTROLLED) = 10 mrem/wk
OCCUPATIONAL (CONTROLLED) = 100 mrem/wk



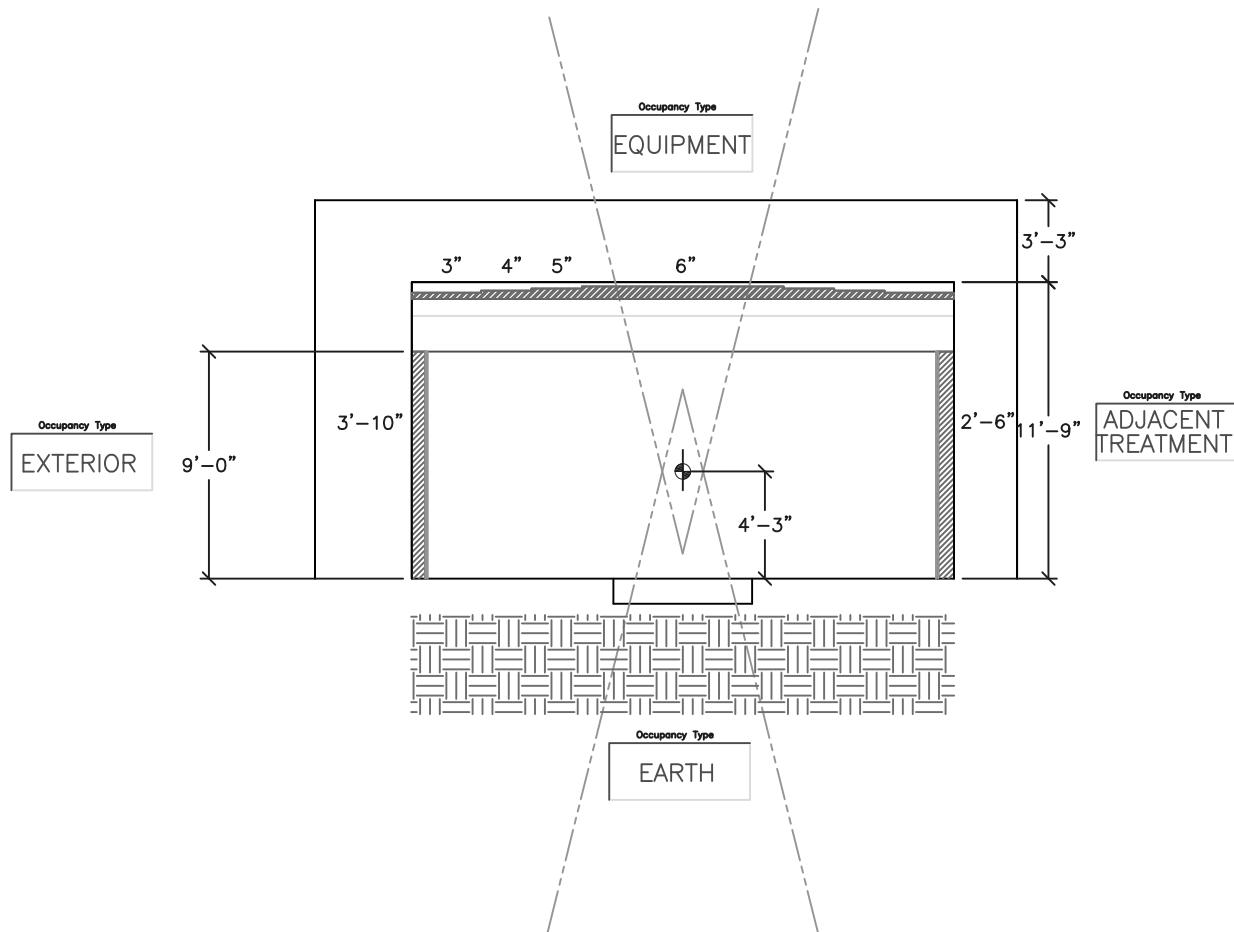
**TRUEBEAM STx
SHIELDING PLAN VIEW**

6 & 15 mV
(6 & 10 x FFF)

STANDARD DENSITY CONCRETE
ASSUMED @ 147 LBS/CU FT
(TYPICAL)

REFERENCE NOTES				DIMENSIONS: ft - in [mm]					PCD FILE NO.
A. VERIFY ALL SHIELDING AND PENETRATIONS WITH THE PHYSICIST OF RECORD.				NOT FOR CONSTRUCTION					13-0015
B. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD.				COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011					
C. NCRP 151 IS USED AS THE DEFAULT METHOD USED IN ANALYZING ANY SHIELDING. ENERGY LEVELS LISTED UTILIZE BJR 11.				DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE
				TrueBeam STx SHIELDING PLAN JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE 1 OF 2
				VARIAN medical systems					
				A 13-0015NA 0					
				SIZE DRAWING NO. REV.					

OCCUPATIONAL (CONTROLLED) = 100 mrem/wk



TRUEBEAM STx SHIELDING PLAN VIEW

6 & 15 mV
(6 & 10 x FFF)

STANDARD DENSITY CONCRETE
ASSUMED @ 147 LBS/CU FT
(TYPICAL)

REFERENCE NOTES			DESCRIPTION OF CHANGE	INITIAL ISSUE	DIMENSIONS: ft - in [mm]					PCD FILE NO.	
A. VERIFY ALL SHIELDING AND PENETRATIONS WITH THE PHYSICIST OF RECORD. B. THIS DRAWING IS BASED ON INFORMATION PROVIDED BY THE CUSTOMER. VERIFY ALL EXISTING CONDITIONS IN THE FIELD. C. NCRP 151 IS USED AS THE DEFAULT METHOD USED IN ANALYZING ANY SHIELDING. ENERGY LEVELS LISTED UTILIZE BJR 11.					NOT FOR CONSTRUCTION					13-0015	
					COPYRIGHT © VARIAN MEDICAL SYSTEMS 2011						
					DRAWN JWD	DATE 02NOV12	APPROVED	DATE	APPROVED	DATE	
					TrueBeam STx SHIELDING PLAN JAMES A. HALEY VA MEDICAL CENTER TAMPA, FL					PAGE OF	2 2
			CHK JWD		VARIAN		medical systems	A	13-0015NA	0	
			DATE 02NOV12					SIZE	DRAWING NO.	REV.	
			REV								