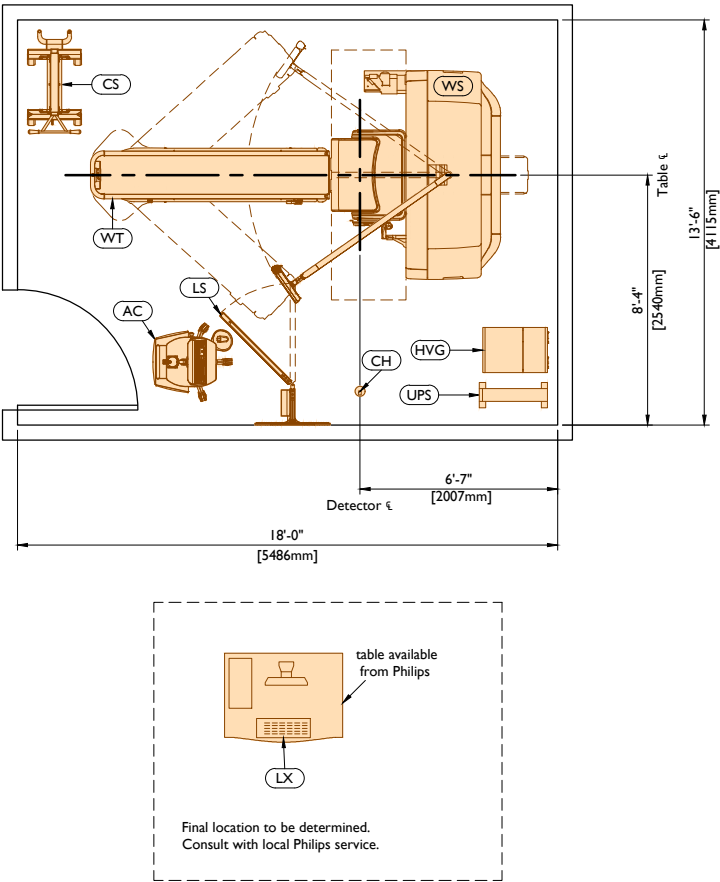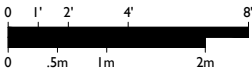# BrightView XCT

Preferred Room Layout

The layout shown below is based upon a typical equipment configuration and should be considered as a general design guideline. Site conditions, application requirements, customer preferences, and/or equipment configuration may significantly impact suite design and equipment layout. It is recommended to request site-specific drawings from a Philips representative early in the design process.

Dimensions shown on layout:
- 13'-6" [4115mm]
- 8'-4" [2540mm]
- Table ℄
- 6'-7" [2007mm]
- Detector ℄
- 18'-0" [5486mm]

Equipment labels: CS, WS, WT, LS, AC, CH, HVG, UPS

table available from Philips

LX

Final location to be determined.
Consult with local Philips service.

Equipment Layout

Minimum Ceiling Height: 8'-0" (2440mm)

Scale:
0 1' 2' 4' 8'
0 .5m 1m 2m

PHILIPS

Equipment Legend

A Furnished and installed by Philips
B Furnished by customer/contractor and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and installed by contractor
E Existing
F Future
G Optional item furnished by Philips

Equipment Designation

		Description	Weight lbs [kg]	Heat Load Btu/hr [W]
A	WS	BrightView System (without collimators)	3352 [1521]	4393 [1288]
A	WT	Patient Table	550 [250]	--
A	HVG	High Voltage Generator	235 [107]	--
A	AC	Acquisition Terminal (on cart)	53 [25]	544 [160]
A	CS	Collimator Storage Cart	161 [74]	--
A	CH	Calibration Source Holder (dual detector)	--	--
G	LS	In-Room Lead Shield	287 [131]	--
G	UPS	5 kVA Uninterruptible Power Supply	120 [55]	1040 [305]
G	LX	Intellispace Portal LX Workstation	54 [25]	2985 [875]

Environmental Requirements for General Equipment Locations

The camera room HVAC system must maintain the temperature between 60° F (16° C) to 75° F (24° C) with less than 10° F (5° C) variation per hour. Humdity must be between 20% - 70%. These requirements exist on a 24 hours per day, 7 days per week basis.

Power Requirements

Supply Configuration: 3 phase wye, 3 wire power, Earth (L1, L2, L3, PE)

Nominal Line Voltage: 480 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)

Branch Power Capacity: 25 kVA recommended (12 kVA maximum power required)

Remote Service Diagnostics

Medical Imaging equipment to be installed by Philips is equipped with a service diagnostic feature whcih allows for remote and on-site service diagnostics. To establish this feature, a RJ45 type Ethernet 10/100/1000 Mbit network connector must be installed. Access to the customer's network via their remote access server is needed for Remote Service Network (RSN) connectivity. All costs associated with this feature are the responsiblity of the customer.