FUJIFILM MEDICAL SYSTEMS USA, INC.

PROFESSIONAL DESIGN SERVICES

419 WEST AVENUE
STAMFORD, CT 06902

PRODUCT NAME

FDR CLINICA
DIGITAL X-RAY ROOM

DRAWING SET

PRELIMINARY SITE PLAN

CUSTOMER

MEDICAL CENTER

MINIMUM ROOM REQUIREMENTS

INSTALLATION COORD:

PHONE CONTACT:

REGION:
HQ

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DATE
12 - AUGUST - 2016

PROJECT NUMBER
2016-100-TYP-P

REVISION/DATE
7 FEB. 14, 2017

SHEET
1 of 5

DISCLAIMER

These drawings are reference drawings (only), illustration of general equipment layout and facility-related equipment requirements. The information contained in this drawing set is provided for the use of customers and their designated architects, engineers, or other design construction professional in the preparation of official construction documents.

Fujifilm Medical Systems USA makes no warranty or representation, either express or implied with respect to the attached drawings. Also Fuji Medical Systems USA or their agents will not be held liable for any direct, indirect, special, incidental or consequential damages resulting (from any matter) from the use of the attached drawings.

These drawings are provided with the understanding by providing such documents, does not alter any of the terms and conditions of said sale between Fujifilm Medical Systems USA and their customer.

These drawing are not to be used as construction documents. It is the sole responsibility of the customer to ensure the correct siting and placement of purchased Fujifilm Medical Systems USA equipment.

The customer is responsible for the complete an accurate incorporation of all specifications and requirements from these reference drawings to your architect of record for use of site preparation. Sufficiency of final site plans and specifications, specifically including but not limited to the accuracy of dimensions (based on information provided), shall be the sole responsibility of the customer.

Worldwide Healthcare Designs, Inc. (WHD) is Fujifilm Medical Systems USA sole designer for said project.

DRAWING SUBJECT TO CHANGE

This drawing set is the sole property of Fujifilm Medical Systems USA. Its use is authorized for the customer architect of record to design and incorporate our final site plan drawings to your architectural construction documents. Fujifilm Medical Systems USA preliminary plans shall not be used for construction documents, please refer to the latter final site plan drawings.
Fujifilm Medical Systems USA reserves the right to make changes to equipment and detailed specification regarding these plans without prior notification.

EQUIPMENT ROUTING

Customer to verify freight size and integrity of any and all elevator(s) used for routing Fujifilm Medical Systems USA equipment.
Customer to coordinate routing of Fujifilm Medical Systems USA equipment prior to equipment arrival with local Fujifilm Medical Systems USA representative.

Passageways and Corridors	60 INCHES
Minimum equipment entry door width	36 INCHES (recommended)
Minimum equipment entry door height	80 INCHES

It is the customer's responsibility to secure a storage area for equipment on site prior and during installation.
The customer shall advise a Fujifilm Medical Systems USA of any adverse conditions at or near the site that could affect the installation scheduling and service support team travel.

Environmental Notes

Equipment operating temperature range 50 - 95 Degrees Fahrenheit.
Relative humidity should be between 30 - 75 percent non-condensing.
Atmospheric pressure range 700hPa to 1060hPa.
This product is rated @ an altitude less than or equal to 3000meters.

The room the equipment is installed within should be kept dust free.

Network Notes

The customer shall supply network drops for IP application.
All network outlets will installed and set to 100 base T full duplex and checked prior to equipment install.
All network drops will be installed and marked on the connection prior to installation of the equipment.
Customer to provide an IT representative readily available during the equipment installation period.

Electrical Requirements

All power connections shall be dedicated independent connections to the power distribution panel.
Please refer to your final site plan drawing for site specific power requirements.

All power shall be guaranteed by the owner to meet the power specifications normally associated powering medical electronic equipment.

Please verify Generator KW from sales order

GENERAL NOTES – site prep requirements

It is the customer's sole responsibility and their expenses for room preparation of said room for this equipment sale. This shall include any and all expenses for room and structural alterations. Site preparation shall be in accordance with this set of final site plans and specifications provided by Fujifilm Medical Systems USA.

It is the customer's responsibility to be in compliance with all local, state and federal safety, electrical, and building codes relevant to Fujifilm Medical Systems USA final site plans, equipment and installation.

Radiation protection is not shown on these set of plans, However the customer at their own expense shall obtain a licensed radiation physicist to specify need of radiation protection.

The customer shall obtain all permits and required licenses needed for Federal, State and Local regulations, in connection with the construction, installation and operation of their purchased equipment.
Also the customer shall bear any expense in complying with any related rules, regulations and ordinances.

It is the customer's sole responsibility to properly remove and dispose of any hazardous materials - at their expense.
Any time delay from the removal of the latter may result in an extended installation period.
It is the customer's responsibility to properly remove and make the site conditions safe for installation and operation.

The customer should provide Fujifilm Medical Systems USA a construction time-line chart and also follow-up with scheduled construction meeting notice for project area(room).
This is to insure coordination between contractor(s) with delivery and installation of purchased equipment.

Please have walls painted, baseboards installed, all floors tiled, ceiling tiles installed and light fixtures installed flush with ceiling grid and operational.

All electrical conduits, raceway, junction boxes and outlets installed and operational.

All doors, windows and radiation protection installed and finished.

Incoming power to X-Ray room breaker panel connected and operational.

All support structures used for install and equipment support must be installed, level (within one-sixteenth inch end to end), and free of lateral or longitudinal interference.

X-ray Procedure and Control Room - a dust free environment.

All contractors supplied cables must be pulled and terminated at designated locations.

All plumbing must be installed, finished and operational. Any plumbing connections in the immediate area of the new installation that is not being used must be capped and covered.

All dimensions are measured from finished surfaces, unless otherwise specified on drawing.

We recommend that during equipment delivery and installation, for the customer to protect finished floors, walls and any areas, including other equipment within area of install with protective covering.

Installation will not commence until room is clean and dust free. All contractors equipment must be removed prior to install.
Fujifilm Medical Systems USA will not be responsible for any lost, damaged tools and materials from customer's contractors.

Fujifilm Medical Systems USA reserves the right to refuse delivery and installation due to the room is not properly prepared per accordance with Fujifilm Medical Systems USA final site plans.

The customer or contractor shall supply and install all materials and other features specified in the Fujifilm Medical Systems USA final site plans.

To consult directly with a HILTI team member regarding our anchor fastening products, contact Hilti's team of technical support specialists between the hours of 7a 6pm CST. (US) 877-749-6337 or HNATechnicalServices@hilti.com (CA) 1-800-363-4458, ext. 6 or CATechnicalServices@hilti.com

INFORMATION - LOCATED ON PAGES 3.3.11 OF HILTI (ANCHOR FASTENING TECHNICAL GUIDE 2016)

Setting Information	3/8"	REQUIREMENTS FOR ⅜ INCH HDI ANCHORS.
Nominal Bit Diameter	1/2"	
Nominal Embedment Anchor Length Hole Depth	1-9/16" (40mm)	
Useable Thread Length	5/8" (15mm)	
Installation Torque	11 ft-lb (15Nm)	
Minimum Slab Thickness	3-1/8" (79mm)	

EQUIPMENT
FDR
CLINICA

REFERENCE DRAWINGS ONLY NOT FOR CONSTRUCTION

FUJIFILM MEDICAL SYSTEMS USA. Inc.
PROFESSIONAL DESIGN SERVICES FUJIFILM
419 WEST AVENUE STAMFORD, CT 06902

PROJECT
MEDICAL CENTER
MINIMUM ROOM REQUIREMENTS
GENERAL NOTES

DRAWN BY
WHD-A.A.

DATE
12 - AUGUST - 2016

SCALE
NOT TO SCALE

REVISION
1 FEB. 14, 2017

PROJECT NUMBER
2016-100-TYP-P

SHEET
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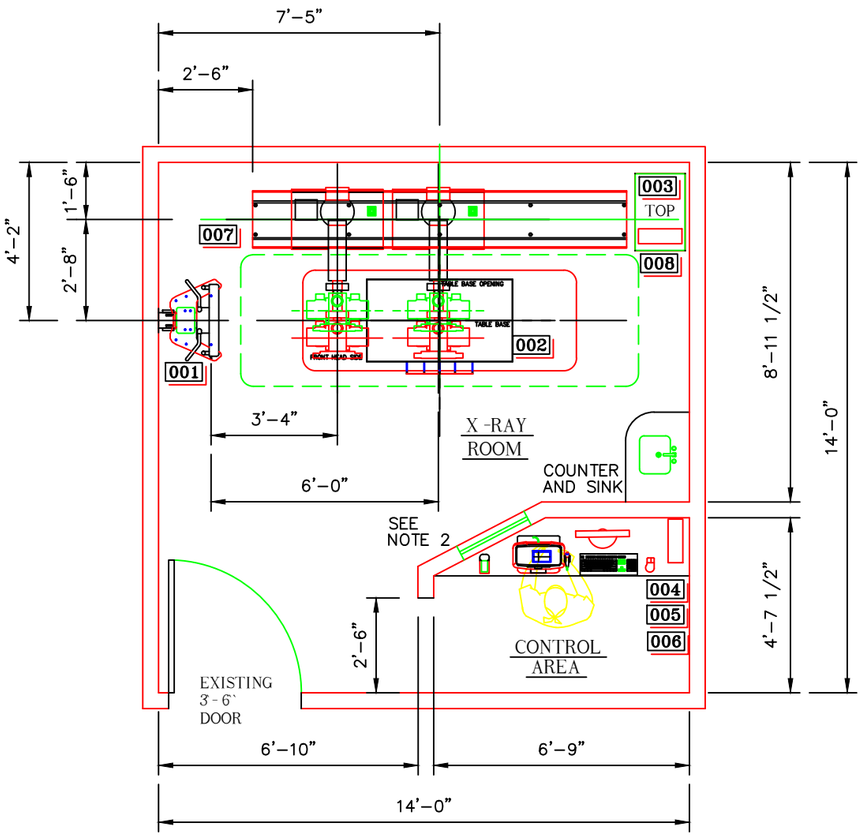
EQUIPMENT PLAN

PRELIMINARY DRAWING APPROVAL	
CUSTOMER:	
DATE:	YOUR SIGNATURE APROVES THIS PRELIMINARY DRAWING FOR ACCEPTANCE OF YOUR EQUIPMENT PLACEMENT AND FOR FUJI TO PRODUCE FINAL PLANS
CUSTOMER SIGNATURE:	

PLEASE NOTE - IT IS THE RESPONSIBILITY OF THE CUSTOMER TO PERFORM A FLOOR INTEGRITY TEST. THE FLOOR MUST BE ABLE TO HOLD THE WEIGHT OF SAID EQUIPMENT. ALSO MUST BE ABLE TO SUPPORT THE THICKNESS REQUIREMENTS FOR 3/8 INCH HDI ANCHORS. (FOR TABLE, FLOOR STAND ALSO CHEST STAND) PLEASE REVIEW PAGE (2) OF THIS SET OF PLANS FOR HILTI ANCHORS FASTENERS.



NOTES

1. PLEASE VERIFY ROOM DIMENSIONS TO THE ACTUAL SITE CONDITIONS.
2. LEAD LINED WINDOWS-WALLS, CABINETRY, COUNTER AND SINKS ARE TO BE PROVIDED BY THE CUSTOMER.
3. CUSTOMER'S PHYSICIST TO DETERMINE AREA SHIELDING REQUIREMENTS.
4. CUSTOMER-CONTRACTOR TO PROVIDE DESK, CHAIR, AND CABINETRY PER THEIR NEEDS.
5. *CUSTOMER-CONTRACTOR TO PROVIDE VACUUM AND OXYGEN OUTLETS PER THEIR REQUIREMENTS.

PLAN NORTH

MINIMUM FIN. CLG. HT. 8'-0" A.F.F.

LEGEND	
EXISTING WALLS TO BE REMOVED	
EXISTING WALLS	
NEW WALLS	
CUSTOMER TO SUPPLY ALL CONSTRUCTION	

EQUIPMENT LEGEND

CODE	ITEM	W"	D"	H"	WT. LBS	BTU/HR	■
001	CLINICA WALL BUCKY STAND – WBS LEFT HAND LOAD DR-ID 600PU-SE (OPTIONAL)	25.79"	16.14"	85.39"	264 LBS.	N/A	1
002	CLINICA TABLE – PBT-6 DR-ID 600PU-SE (OPTIONAL) WEIGHT CAPACITY (660 LBS.)	86.61"	31.89"	33.46"	573 LBS.	N/A	1
003	CLINICA X-RAY GENERATOR-GXR-40S 40Kw – REFERENCE PAGE 4	24.4"	15.9"	24.8"	220 LBS.	N/A	1
004	CLINICA X-RAY CONTROL CONSOLE (WITH STAND)	16.5" 16.5"	10" 10"	3" 32.90"	4 LBS. N/A LBS.	N/A	1
005	FDX CONSOLE, MOUSE KEYBOARD, COMPUTER, BAR CODE READER	N/A	N/A	N/A	N/A	N/A	1
006	FUJI 19" TOUCH MONITOR	17"	10"	18"	22 LBS.	135	1
007	CLINICA FLOOR TUBE STAND – TSFM6	118.5"	54.06"	91.22"	529 LBS.	N/A	1
008	DR-ID 600PU-MP	4.7"	13.8"	13.8"	17 LBS.	N/A	1

■ 1 SUPPLIED/INSTALLED BY MEDICAL MANUFACTURE
■ 2 SUPPLIED/INSTALLED BY CUSTOMER-CONTRACTOR

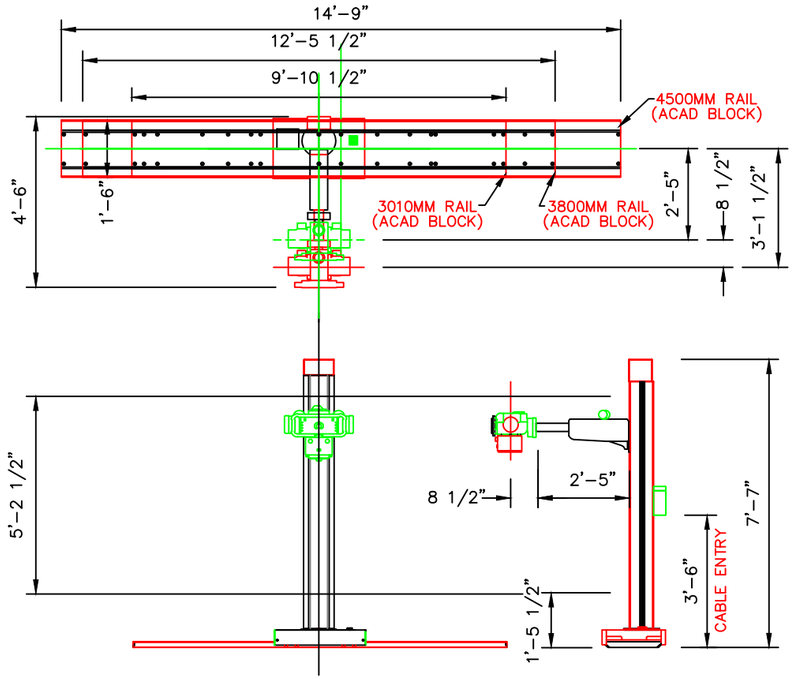
EQUIPMENT: FDR CLINICA REFERENCE DRAWINGS ONLY NOT FOR CONSTRUCTION	FUJIFILM MEDICAL SYSTEMS USA. Inc. PROFESSIONAL DESIGN SERVICES FUJIFILM 419 WEST AVENUE STAMFORD, CT 06902	PROJECT: MEDICAL CENTER MINIMUM ROOM REQUIREMENTS PRELIMINARY EQUIPMENT PLAN	DRAWN BY: WHD-A.A. DATE: 12 - AUGUST - 2016 SCALE: 1/4"=1'-0" REVISION: 2 FEB. 14, 2017

PROJECT NUMBER: 2016-100-TYP-P

SHEET: 3 of 5

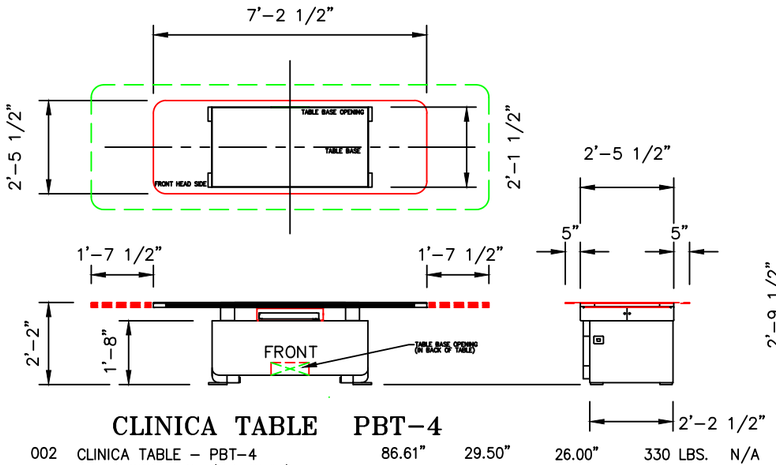
EQUIPMENT DETAILS

REFER TO SHEET 3 FOR ACTUAL EQUIPMENT AND PLACEMENT



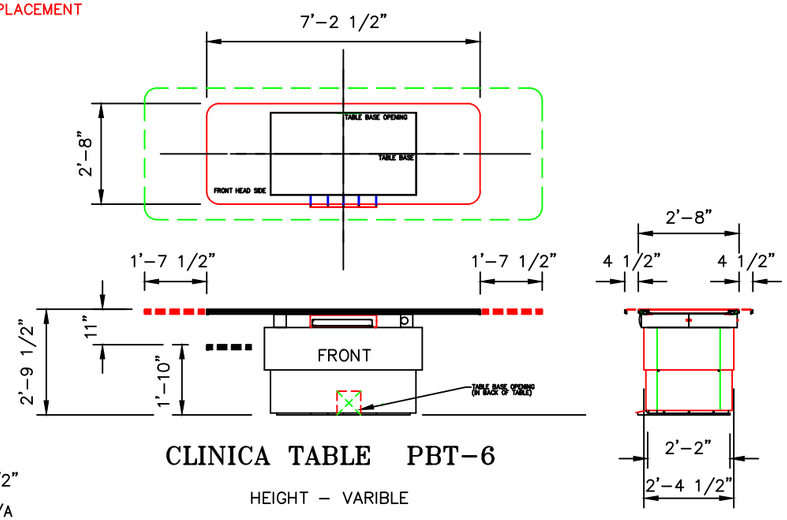
CLINICA FLOOR MOUNT TUBE STAND – TS-FM6

007	CLINICA FLOOR TUBE STAND – TSFM6	118.5"	54.06"	91.22"	529 LBS.	N/A	
007	CLINICA FLOOR TUBE STAND – TSFM6	177.16"	54.06"	91.22"	529 LBS.	N/A	



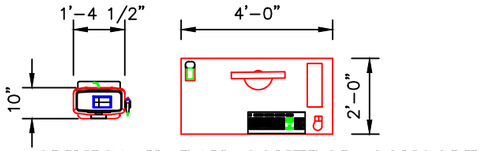
CLINICA TABLE PBT-4

002	CLINICA TABLE – PBT-4 DR-ID 600PU-SE (OPTIONAL) WEIGHT CAPACITY (660 LBS.)	86.61"	29.50"	26.00"	330 LBS.	N/A	



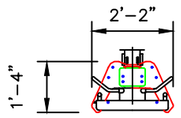
CLINICA TABLE PBT-6

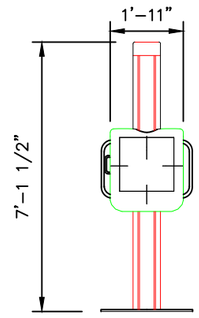
HEIGHT – VARIBLE

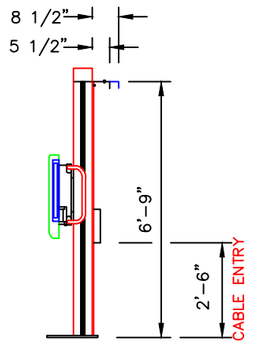


CLINICA X-RAY CONTROL CONSOLE

KEYBOARD, COMPUTER,
BAR CODE READER, MOUSE
FUJI 19" TOUCH MONITOR

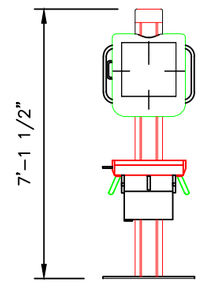


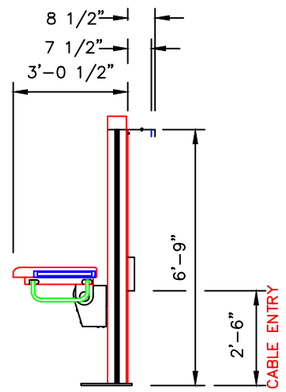




CLINICA WALL STAND – WBS (NON-TILTING)

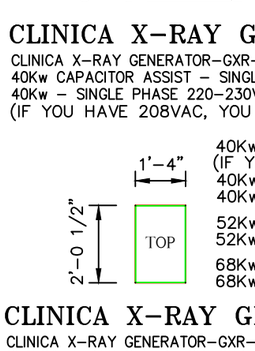
001	CLINICA WALL BUCKY STAND – WBS	25.79"	16.14"	85.39"	264 LBS.	N/A	





CLINICA TILTING WALL STAND – WBS-TM

001	CLINICA TILTING WALL BUCKY STAND – WBS	25.79"	45.50"	85.39"	412 LBS.	N/A	



CLINICA X-RAY GENERATOR (GXR-CS SERIES)

CLINICA X-RAY GENERATOR-GXR-C40S	24.72"	18.11"	38.5"	308 LBS.	N/A	1	

40Kw CAPACITOR ASSIST – SINGLE PHASE 110-120VAC, 30AMP BREAKER
40Kw – SINGLE PHASE 220-230VAC, 15AMP BREAKER
(IF YOU HAVE 208VAC, YOU WILL NEED A BOOST TRANSFORMER(230V))

40Kw, 230 VAC, SINGLE PHASE +/- 10%, 100AMP BREAKER
(IF YOU HAVE 208VAC, YOU WILL NEED A BOOST TRANSFORMER(230V))
40Kw, 400 VAC, THREE PHASE, 65AMP BREAKER
40Kw, 480 VAC, THREE PHASE, 50AMP BREAKER
52Kw, 400 VAC, THREE PHASE, 75AMP BREAKER
52Kw, 480 VAC, THREE PHASE, 65AMP BREAKER
68Kw, 400 VAC, THREE PHASE, 90AMP BREAKER
68Kw, 480 VAC, THREE PHASE, 75AMP BREAKER

CLINICA X-RAY GENERATOR (GXR-S SERIES)

CLINICA X-RAY GENERATOR-GXR-40S	24.4"	15.9"	24.8"	220 LBS.	N/A	1
CLINICA X-RAY GENERATOR-GXR-52S	24.4"	15.9"	24.8"	220 LBS.	N/A	1
CLINICA X-RAY GENERATOR-GXR-68S	24.4"	15.9"	24.8"	220 LBS.	N/A	1

EQUIPMENT
FDR
CLINICA

REFERENCE DRAWINGS ONLY NOT FOR CONSTRUCTION

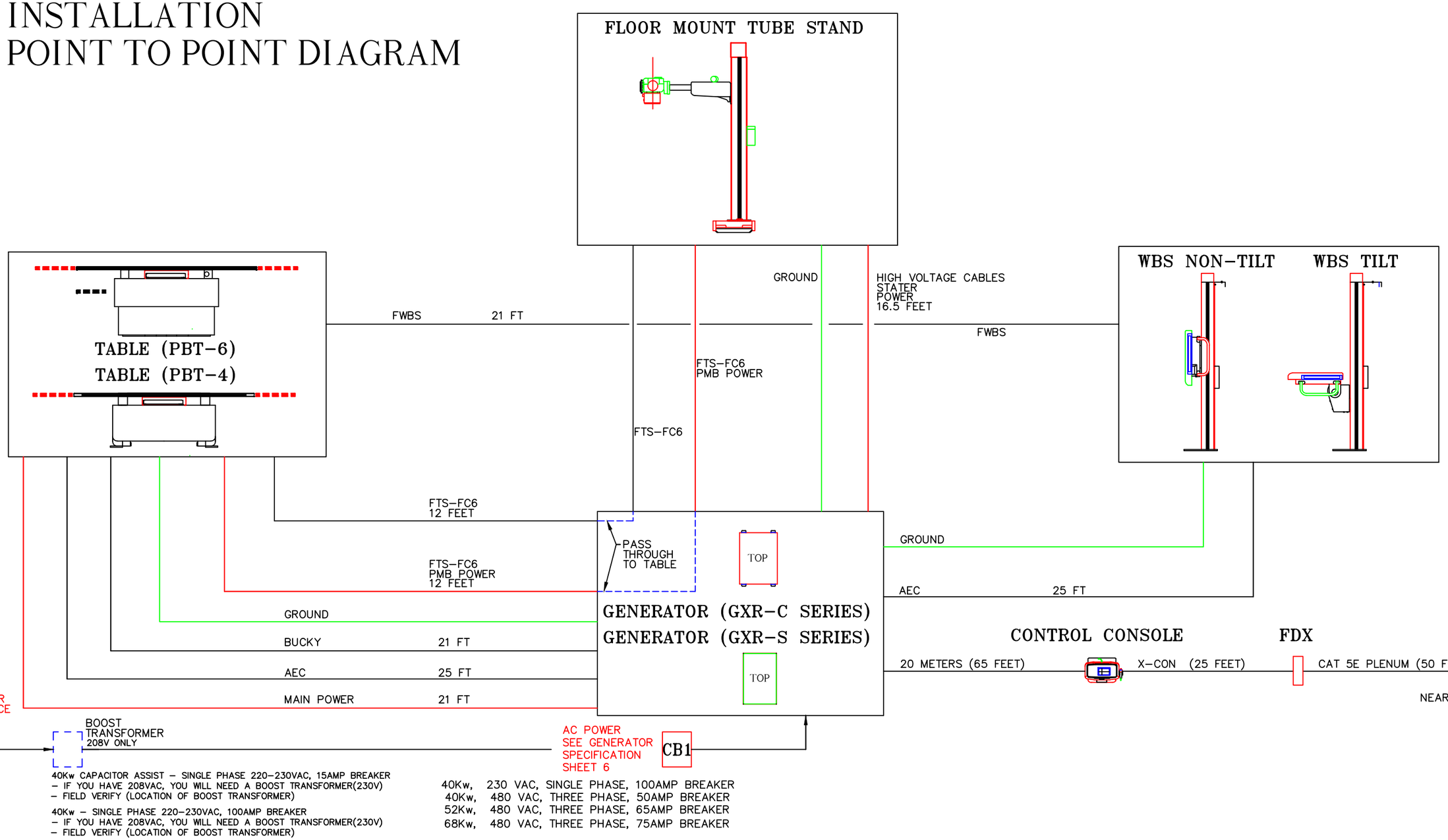
FUJIFILM MEDICAL SYSTEMS USA. Inc.
PROFESSIONAL DESIGN SERVICES FUJIFILM
419 WEST AVENUE STAMFORD, CT 06902

PROJECT
MEDICAL CENTER
MINIMUM ROOM REQUIREMENTS
EQUIPMENT DETAIL DRAWING

DRAWN BY: WHD-A.A.
DATE: 12 - AUGUST - 2016
SCALE: NOT TO SCALE
REVISION: 1 FEB. 14, 2017

PROJECT NUMBER: 2016-100-TYP-P
SHEET: 4 of 5

INSTALLATION
POINT TO POINT DIAGRAM



EQUIPMENT FDR CLINICA REFERENCE DRAWINGS ONLY NOT FOR CONSTRUCTION	FUJIFILM MEDICAL SYSTEMS USA. Inc. PROFESSIONAL DESIGN SERVICES FUJIFILM 419 WEST AVENUE STAMFORD, CT 06902	**PROJECT** MEDICAL CENTER MINIMUM ROOM REQUIREMENTS ELECTRICAL DIAGRAM	**DRAWN BY** WHD-A.A. **DATE** 12 - AUGUST - 2016 **SCALE** NTS **REVISION** 7 FEB. 14, 2017	**PROJECT NUMBER** 2016-100-TYP-P **SHEET** 5 of 5