

## EQUIPMENT DESCRIPTION

ITEM	DESCRIPTION	DIMENSIONS (LxP)	WEIGHT (kg)	DISSIPATION (kW)
<b>DISCOVERY ST SYSTEM</b>				
G1	PET GANTRY	2297x2659	1841	5.0
G2	CT GANTRY	3470x617	1750	0.3
PT	PATIENT TABLE	762x559	600 (1)	0.3
EC	CT POWER DISTRIBUTION UNIT	762x559	363	1.0
OC1	OPERATOR CONSOLE	1219x1029	300	4.0

### DISCOVERY ST OPTIONS

PDB	POWER DISTRIBUTION BOX	WEIGHT (kg)	DISSIPATION (kW)
-	-	231	0.80
-	-	70	NEGIGIBLE

\* OPTION NOT SHOWN  
(1) WITHOUT PATIENT

### MAGNETIC FIELD SPECIFICATIONS

- Any parts of the system have to be located of the static magnetic field less than 0,0001 Tesla (1 Gauss) and AC magnetic fields less than 0,01Gauss
- to guarantee the integrity of information
- Any color display have to be located of the static magnetic field less than 0,5 Gauss

### SITE ACCEPTANCE

Inspection with reference to the technical requirements mentioned in GEMS final study will be carried out before the equipment delivery when the work is completely finished.

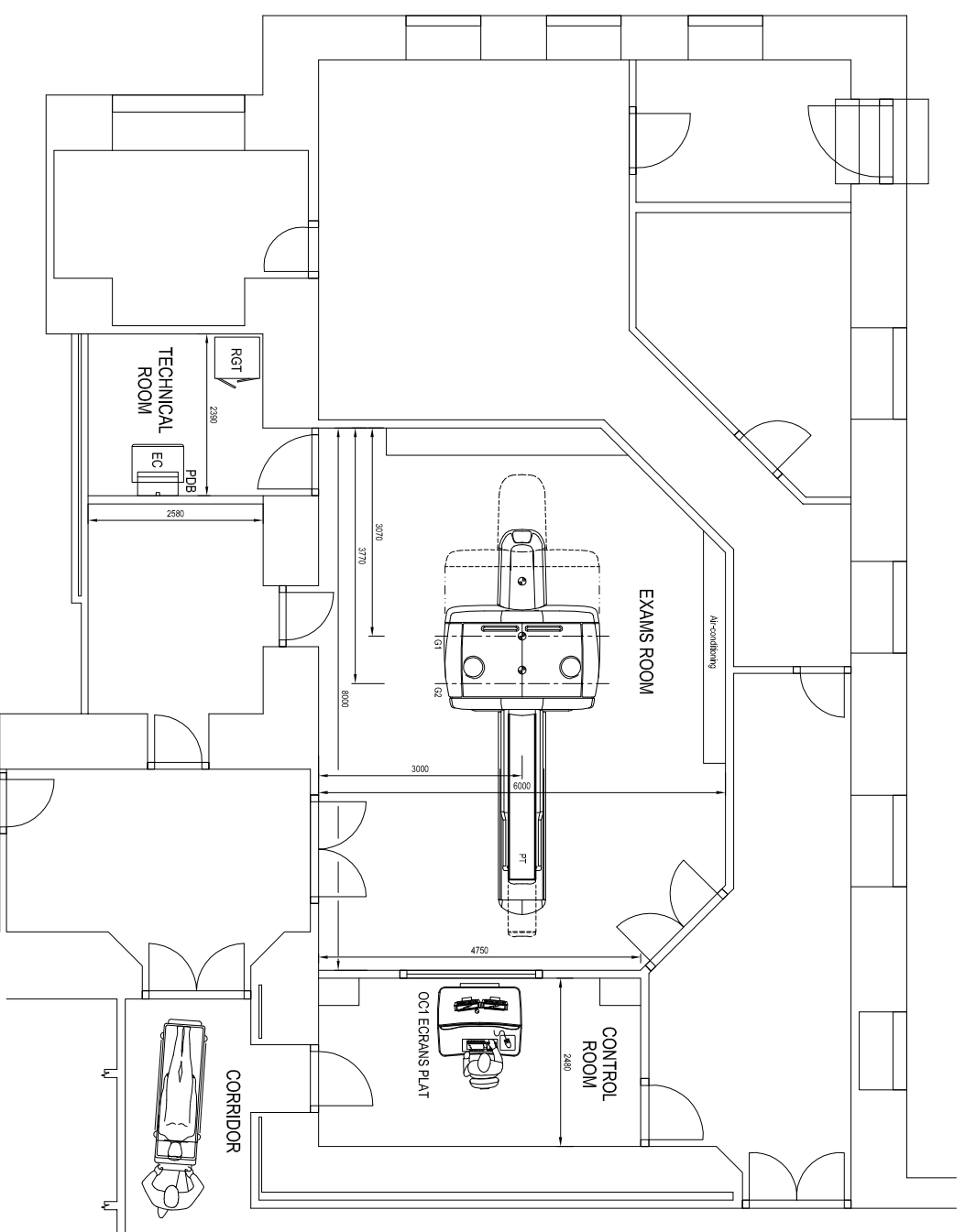
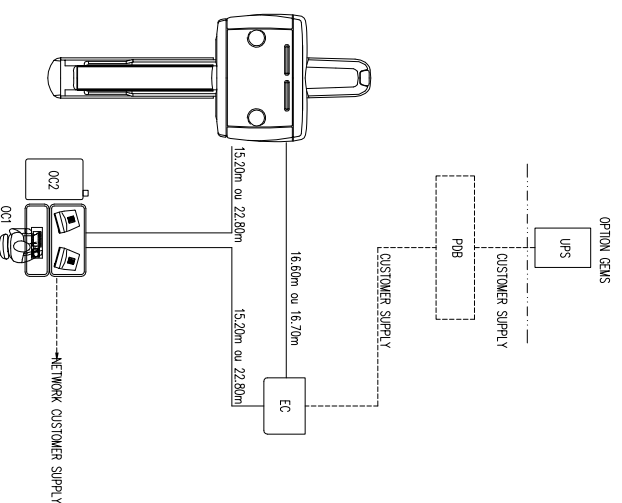
### NOTES

A STRUCTURAL ENGINEER MUST ENSURE, BEFORE THE ARRIVAL OF THE GANTRY, THAT THE CONCRETE FLOOR CAN SUPPORT THE PAYEMENT LOAD

### CUSTOMER RESPONSIBILITIES

It is the responsibility of the customer to prepare the site in accordance with the specifications stated in this set of final issue drawings. This set of final issue drawings, electrical wiring and room arrangements. In preparing these drawings, every effort has been made to conform details to the actual equipment expected to be installed. It is not to be used for actual construction purposes and the company cannot accept responsibility for any damages resulting therefrom. All work carried out must be in compliance with national and local building and safety codes. All equipment, accessories, planning and enabling work not clearly specified in the GEMS order has to be provided by the customer.

### MAXIMUM CABLE LENGTHS



## GENERAL SPECIFICATIONS

- The customer or his contractor must provide support structure for all wall mounted or wall supported steel or touchbolts in concrete construction are preferred.
- Site planning (equipment layout/rooms dimensions/mechanical and electrical planning) is based upon the dimensions of the equipment. Changes in dimensions of the equipment will require a formal written notification and review by GEMS equipment operation department. This is essential for proper installation. GEMS reserves the right to make on the job changes due to customer requirements and/or obstacles during construction.
- All work must be done in compliance with national and local building and safety codes

### SITE READINESS SPECIFICATIONS

THE FOLLOWING CUSTOMER OR HIS CONTRACTOR RESPONSIBILITIES ARE TO BE ADDRESSED PRIOR THE START OF THE EQUIPMENT INSTALLATION:

- ADEQUATE ROOM LIGHTING.
- MINIMUM OF ONE CONVENIENCE OUTLET AVAILABLE FOR GEMS IN EACH ROOM, 230VAC (16A + G)
- SYSTEM POWER DEVICES ( 3 PHASES OR 1 PHASE ) BOTH INSTALLED AND POWER AVAILABLE.
- FINISHED CEILING INSTALLED.
- ALL WALL AND CEILING SUPPORT STRUCTURES INSTALLED AND PAINTED.
- ROOM AND ADJACENT CORRIDOR - DIRT AND DUST FREE.
- ALL JUNCTION BOXES, RACEWAY AND CONDUIT INSTALLED WITH COVER PLATES, SCREWS, AND CHASE NIPPLES READILY AVAILABLE.
- LEAD LINED DOORS AND CONTROL BOTH INSTALLED.
- AT LEAST ONE COAT OF PRIMAINT FINISHED WALL.
- AT LEAST ONE COAT OF PRIMAINT FINISHED CEILING.
- HVAC SYSTEM OPERATIONAL/CHECKED AND BALANCED IN COMPUTER ROOM.
- CUSTOMER FINISHED AWC STRANDED THERMO-PLASTIC COVERED COPPER WIRE ( THW, THHN OR EQUIVALENT ) IDENTIFIED AND INSTALLED.
- ALL CONVENING MEANS AND ANY ARCHITECTURAL CHANGES REQUIRED TO FACILITATE EQUIPMENT DELIVERY.

### WARNING

- Dimensions put on this layout had been measured on an original layout without knowing real measures numbers
- These dimensions are perhaps wrong
- They have to be verified locally
- No final drawing will be studied without checking dimensions and any proposed modification
- GEMS cannot accept any responsibility for errors due to lack of information

### RADIATION PROTECTION AND RADIOACTIVE SOURCE

- Any radiation protection requirements for CT PET Scanner room (including walls, floor, ceiling, doors and windows) have to be determined by the nominated local radiation warning protection adviser. This person must also specify all radiation warning lights and signs.
- Viewing window in scanner/control room wall to be lead glass.
- Since this equipment involves the use of radioactive isotopes, including these sources necessary for equipment calibration, including X-Ray exposures appropriate regulatory compliance and licensing must be arranged by the customer early in the planning process and then demonstrated/available for equipment installation.

TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER

### PRELIMINARY INFORMATION

THE FOLLOWING DRAWING ARE CONTAINED IN THIS FILE :

- EQUIPMENT LAYOUT
- STRUCTURAL, ELECTRICAL AND ENVIRONMENTAL PLAN

ERRORS MAY OCCUR BY NOT REFERRING TO THE COMPLETE SET OF FINAL ISSUE DRAWING. GEMS CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGE DUE TO THE PARTIAL USE OF GEMS FINAL ISSUE DRAWINGS , HOWEVER CAUSED.

NO	DATE	MODIFICATIONS

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GEMS EQUIPMENT AND ASSOCIATED ELECTRICAL AND MECHANICAL SERVICES. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

GE Installation Specialist

Name : \_\_\_\_\_ Customer: \_\_\_\_\_  
Date : \_\_\_\_\_ Date : \_\_\_\_\_



GE Medical Systems

SITING MANAGEMENT SERVICES

Diagnoscan Magyarország

HUNGARY

SZEGED

Discovery ST

EQUIPMENT LAYOUT

FINAL STUDY

DATE	SCALE	DRAWN	APPROVED	CEL. HT.	S.O.	DRAWING	REV	PAGE
05-12-2014	1/50	gy10h Sgg	Agyurasz	3.0 m	-	STAPETCI.02.01	01	A1