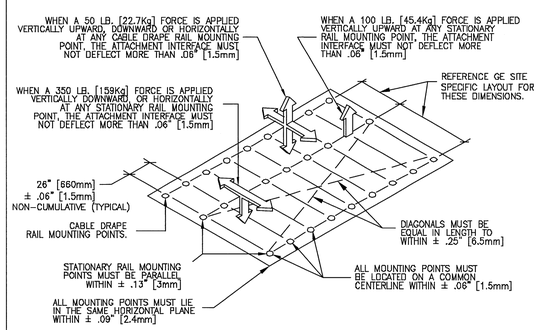
SUPPORT DETAIL

XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B20–078

REV. DATE: 11/18/08



RAIL MUST BE SUPPORTED BY A .5" [13mm] BOLT EVERY 26" [660mm]. MAXIMUM LOAD PER BOLT IS 350 LBS [159Kg]. HOWEVER, EACH MOUNTING BOLT MUST NOT "PULL OUT" OR OTHERWISE FAIL UNDER A VERTICALLY DOWNWARD DEAD LOAD OF 1400 LBS [636Kg].

UNISTRUT SYSTEM IS NOT SUPPLIED OR INSTALLED BY GENERAL ELECTRIC MEDICAL SYSTEMS.

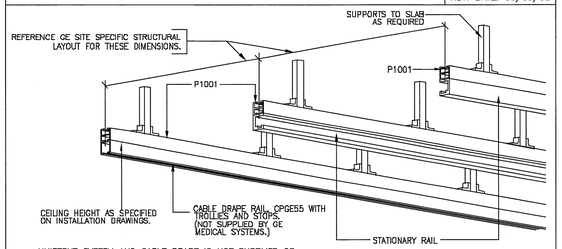
DETAIL NOT TO SCALE

SUPPORT DETAIL

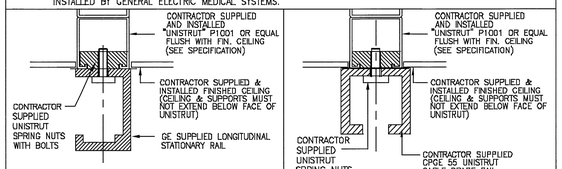
XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B20–042

REV. DATE: 08/09/05



UNISTRUT SYSTEM AND CABLE DRAPE IS NOT SUPPLIED OR INSTALLED BY GENERAL ELECTRIC MEDICAL SYSTEMS.



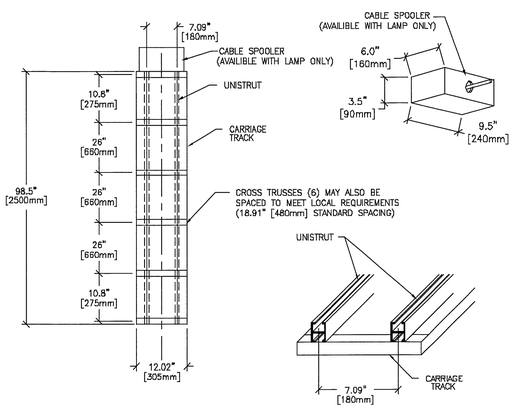
DETAIL NOT TO SCALE

SUPPORT DETAIL

MAVIG CEILING TRACK MOUNTING

B50–31F

REV. 00: 05/09/05

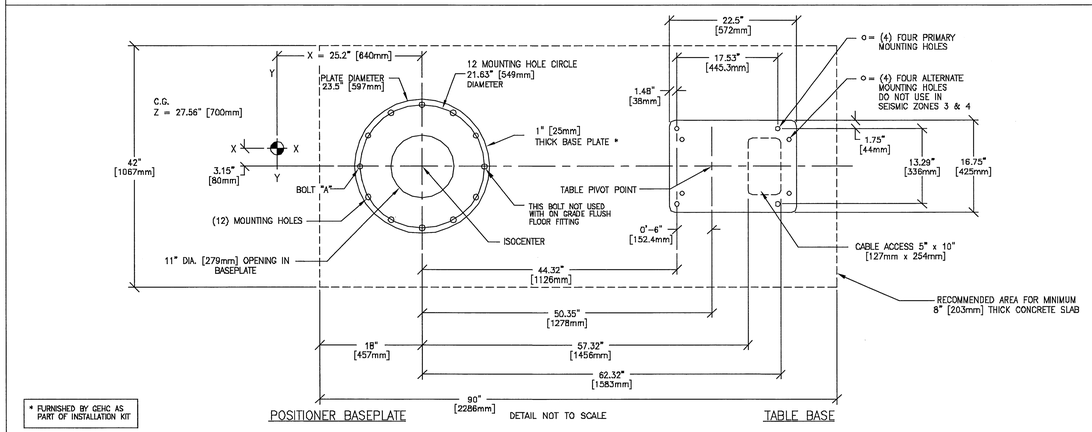


DETAIL NOT TO SCALE

FLOOR MOUNTING : INNOVA 2000/OMEGA V LONG TABLE INSTALLATION (TEMPLATE NO. 2127792)

B5049M

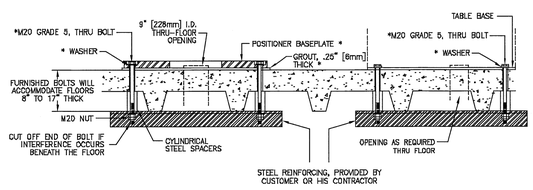
REV. DATE: 04/21/08



WARNING!! THE RELATIONSHIP BETWEEN THE TABLE BASE AND THE POSITIONER BASEPLATE IS CRITICAL.

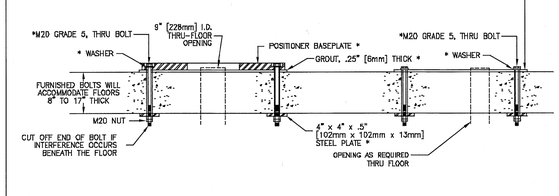
PRIOR TO DRILLING MOUNTING HOLES CONTACT LOCAL GE HEALTHCARE INSTALLATION PROJECT MANAGER OR LEAD FIELD ENGINEER TO VERIFY THAT THE PROPER FULL SIZE FLOOR MOUNTING TEMPLATE IS USED.

THROUGH–BOLT MOUNTING OPTIONS



PAN CONSTRUCTION

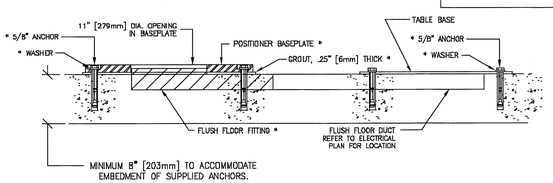
* FURNISHED BY GEHC AS PART OF INSTALLATION KIT



SLAB CONSTRUCTION

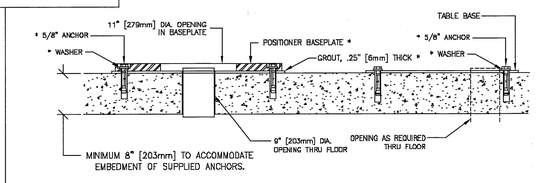
* FURNISHED BY GEHC AS PART OF INSTALLATION KIT

ANCHOR BOLT MOUNTING OPTIONS



ON GRADE CONSTRUCTION

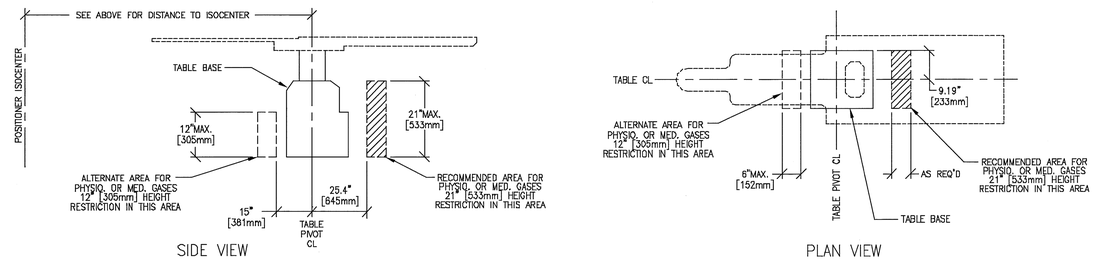
* FURNISHED BY GEHC AS PART OF INSTALLATION KIT



ABOVE GRADE CONSTRUCTION

* FURNISHED BY GEHC AS PART OF INSTALLATION KIT

MEDICAL GAS FLOOR EXIT LOCATIONS



DETAIL NOT TO SCALE

Customer/Contractor Alert: It is the responsibility of the Customer or their Contractor to drill all anchor/thru–bolting holes for anchoring the positioner and table to the floor. Refer to GEHC document no. *2290880–2–100 for installation preparation and procedures.

NOTE: THRU BOLTING IS HIGHLY PREFERRED FOR THE INSTALLATION OF THE POSITIONER BASEPLATE AND OMEGA TABLE. HARDENED BOLTS AND 4" x 4" [102mm x 102mm] STEEL PLATES TO BE USED ARE SUPPLIED BY GE HEALTHCARE AS INDICATED ON THE ACTUAL DETAIL DRAWING. BE ADVISED, HOWEVER, THAT ADDITIONAL SUPPORT STRUCTURES: STEEL BEAMS, PLATES, CORE BORING OF MOUNTING HOLES, ETC., ARE TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER OR HIS CONTRACTOR.

NOTE: IF THRU BOLTING IS NOT POSSIBLE, FLOOR ANCHORS CAN BE USED IF APPROVED BY CUSTOMERS STRUCTURAL ENGINEER. FOR ON GRADE INSTALLATIONS, MOUNTING KIT CAT. NO. 2286308 SHOULD BE ORDERED. ANCHORS INCLUDED IN KIT SHOULD BE APPROVED BY CUSTOMERS STRUCTURAL ENGINEER.

NOTE: BASEPLATES MUST BE LEVEL WITHIN 1/32" [0.79mm]

NOTE: JOISTS MUST BE SPANNED WITH STEEL REINFORCING. SIZE AND THICKNESS OF STEEL REINFORCING ARE DETERMINED BY THE ACTUAL PAN CONSTRUCTION ON SITE. STEEL PLATES, CHANNELS OR BEAMS MAY BE USED.

NOTE: DETERMINE THE POSITION OF THE "REBARS IN THE CONCRETE FLOOR SO ANCHOR HOLES WILL NOT RUN INTO THEM.

* DOCUMENT FURNISHED BY GEHC AS PART OF INSTALLATION KIT

POSITIONER BOLT FORCES FOR WORST CASE CONDITIONS

LOADS

HORIZONTAL ACCELERATION = 625 lbs. [284 Kg]
VERTICAL ACCELERATION = 209 lbs. [95 Kg]

BOLT TENSION (AT BOLT "A")
MAXIMUM TENSION = 881 lbs. [400 Kg]

BOLT SHEAR (U–ARM LOCKED)
MAXIMUM SHEAR = 120 lbs. [54 Kg]/BOLT

OMEGA TABLE BOLT FORCES FOR WORST CASE CONDITIONS

LOADS

BOLT TENSION
MAXIMUM TENSION = 1938 lbs. [880 Kg]/BOLT

BOLT SHEAR
MAXIMUM SHEAR = 407 lbs. [185 Kg]/BOLT

GE Healthcare

Installation Services – Design Center

Waukesha, Wisconsin

SHEET TITLE: STRUCTURAL DETAILS

MODALITY TYPE: INNOVA 3100

PROJECT TITLE: ROOM NO. CATH LAB 2
MAINE MEDICAL CENTER
PORTLAND, MAINE

PROJECT	REVISION
090498	00
DATE:	02–27–09
DRAWN BY:	TST
CHECKED BY:	TST
GON NO:	2770927
GON DT:	02–23–09

REVISION HISTORY:

SHEET

S2