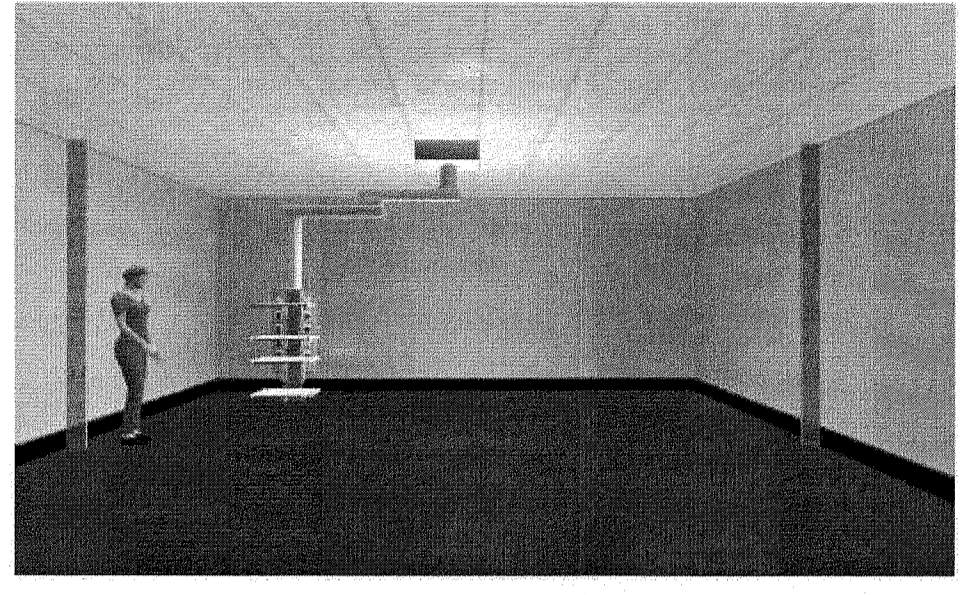


As stated below, STERIS would like mount to be center line of the table & as close to the unistrut as possible. The attached plans, and below screen shot, show the dimensions:
 - 9' 8 3/8" from center of the STERIS mount to the plan north wall
 - 3' 4 1/4" from the center of the STERIS mount to the plan east wall

Equipment Drawings

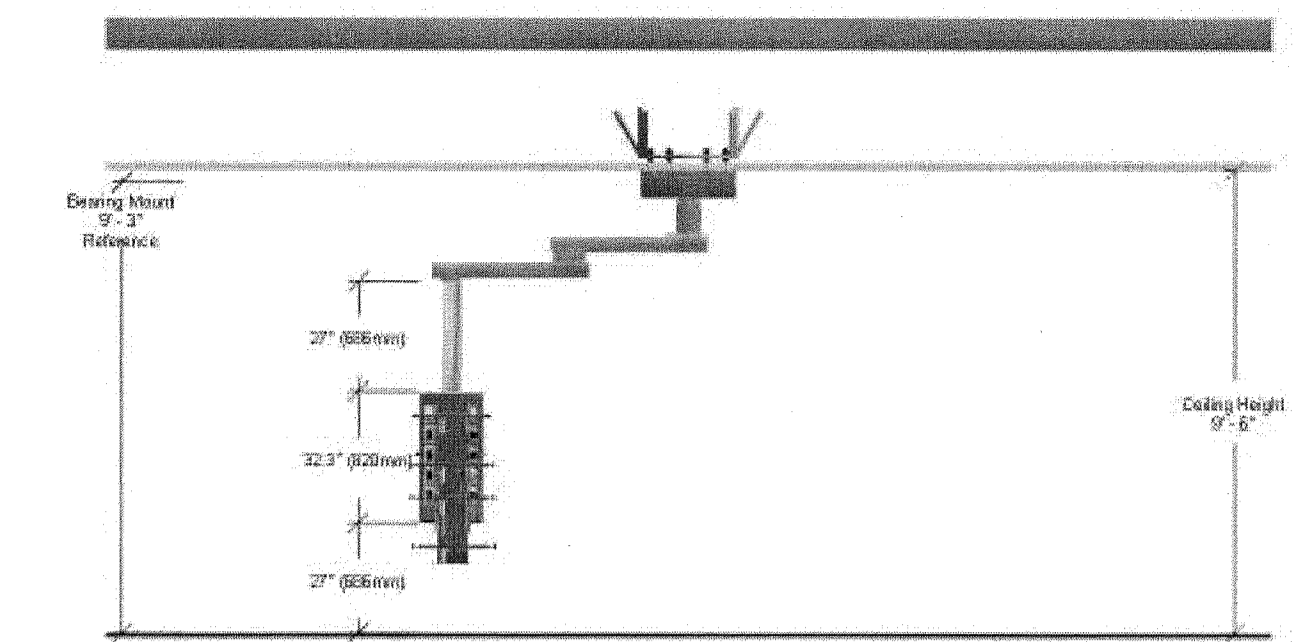
SHT. NO.	CONTENTS
1	Table of Contents
2	Elevation & Plan Overviews
3	Support Structure
4	Canopy Mount Details
5	Bolt Hole Pattern
6	Engineering Requirements
7	Electrical Details
8	Gas Details
9	Air Requirements - Pneumatic Brake
10	Ceiling Access
11	EMS Wiring Diagram
12	Redundant Ground Detail



THIS SIGNATURE CONFIRMS EQUIPMENT SPECIFICATIONS AND CEILING HEIGHT CONTAINED IN THIS DOCUMENT AND ACKNOWLEDGES THAT ANY CHANGES MAY RESULT IN ADDITIONAL FEES AND DELAYED DELIVERY.

TITLE SHEET AND TABLE OF CONTENTS
 Cath Lab
 Harmony EMS 60" Lite Dbl Fixed Arm with 30" Column

STERIS	ACCOUNT NAME Maine Medical Center	ACCOUNT LOCATION Portland, ME	FILE NAME MMC_DF60 with 30 Column_Canopy Mount_Rom
STERIS Corporation Mentor, OH			PRINTED DATE 12/1/2010
			SHEET 1 of 12



Standard 1000mm tube cut to 838mm (33")

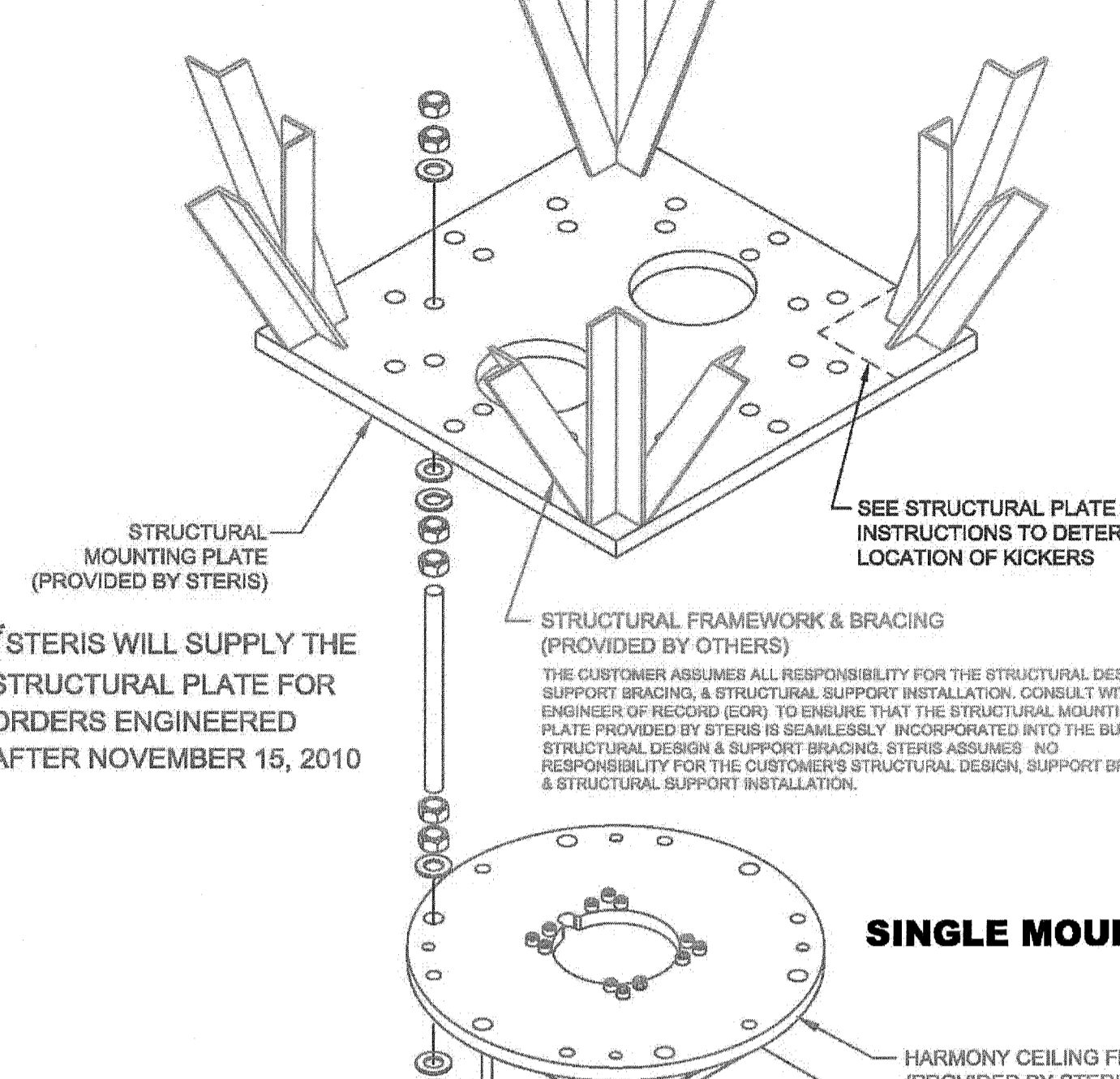
Rotational Limits 0-330 degrees.

Arm Description	Load (lbs)	Moment (ft-lbs)
Mount #1	998	4283
TOTAL:	998	4283

ALL DIMENSIONS ARE IN INCHES ALSO REFER TO GENERAL NOTES APPLICABLE TO EQUIPMENT DRAWINGS

ELEVATION AND PLAN OVERVIEWS

STERIS	ACCOUNT NAME Maine Medical Center	ACCOUNT LOCATION Portland, ME	FILE NAME MMC_DF60 with 30 Column_Canopy Mount_Rom
STERIS Corporation Mentor, OH			PRINTED DATE 12/1/2010
			SHEET 2 of 12



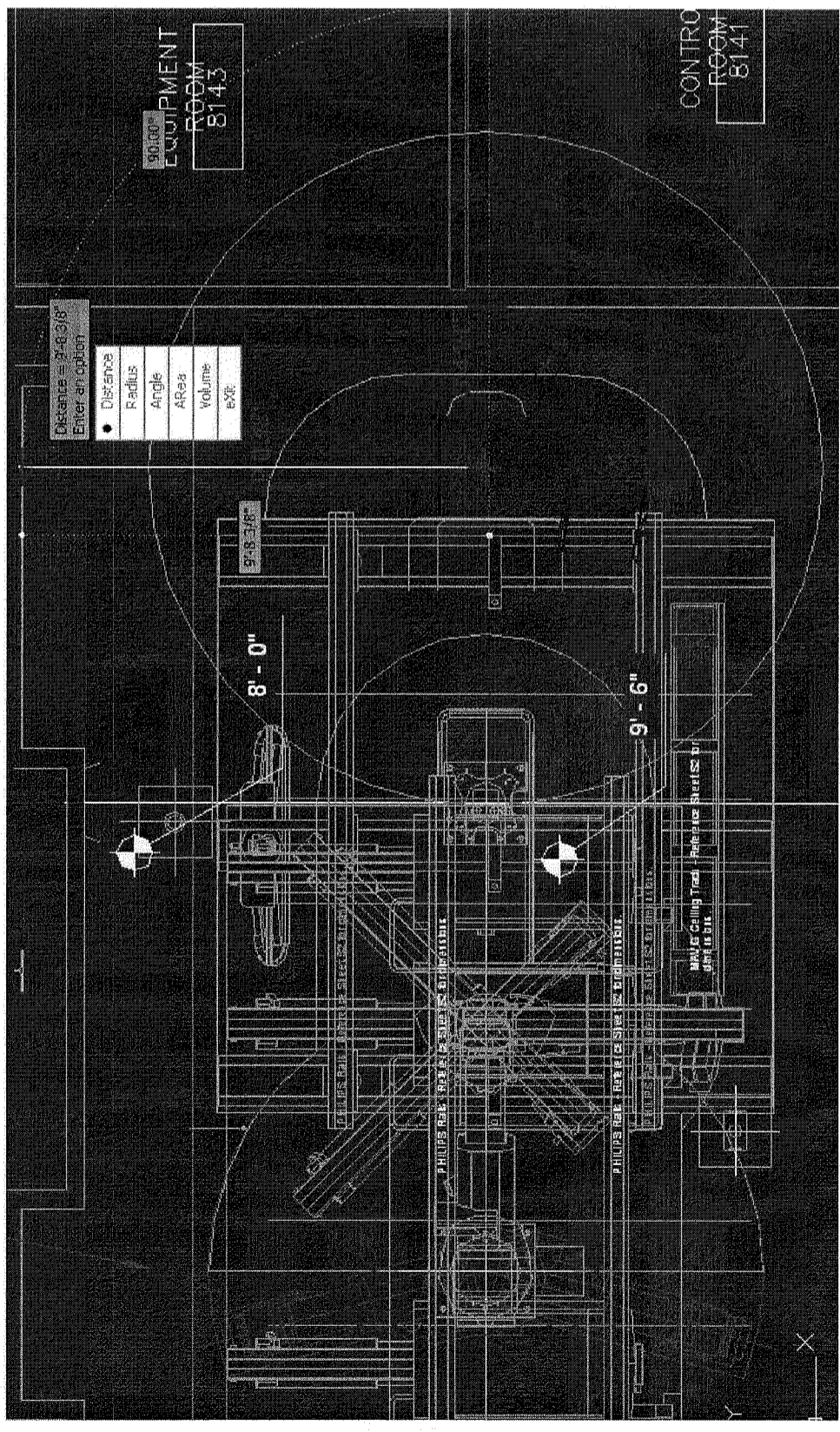
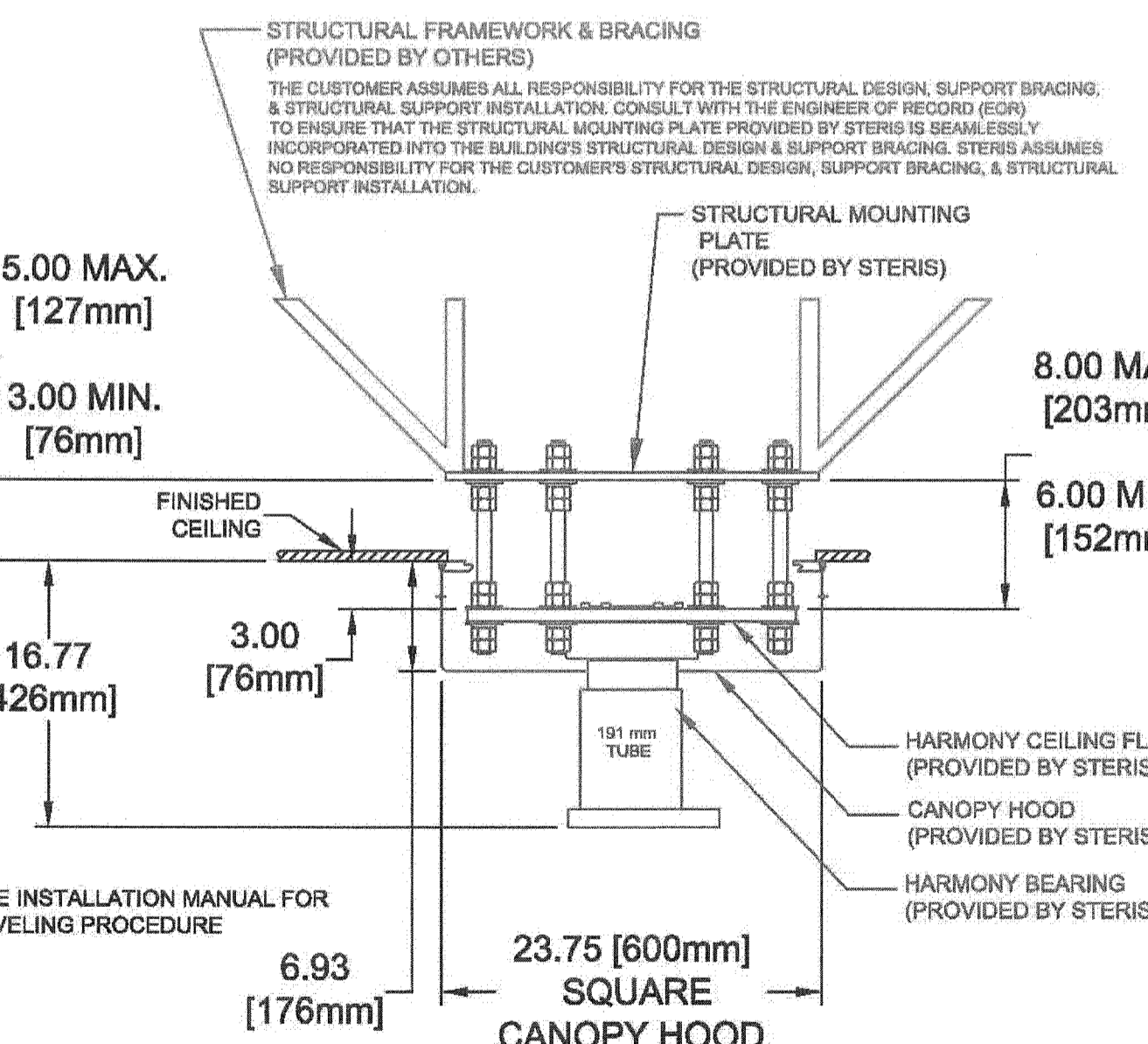
SUPPORT STRUCTURE DETAIL

Cath Lab
Harmony EMS 60" Lite Dbl Fixed Arm with 30" Column

ALL DIMENSIONS ARE IN INCHES ALSO REFER TO GENERAL NOTES APPLICABLE TO EQUIPMENT DRAWINGS

SUPPORT STRUCTURE ENGINEERING REQUIREMENTS

STERIS	ACCOUNT NAME Maine Medical Center	ACCOUNT LOCATION Portland, ME	FILE NAME MMC_DF60 with 30 Column_Canopy Mount_Rom
STERIS Corporation Mentor, OH			PRINTED DATE 12/1/2010
			SHEET 3 of 12

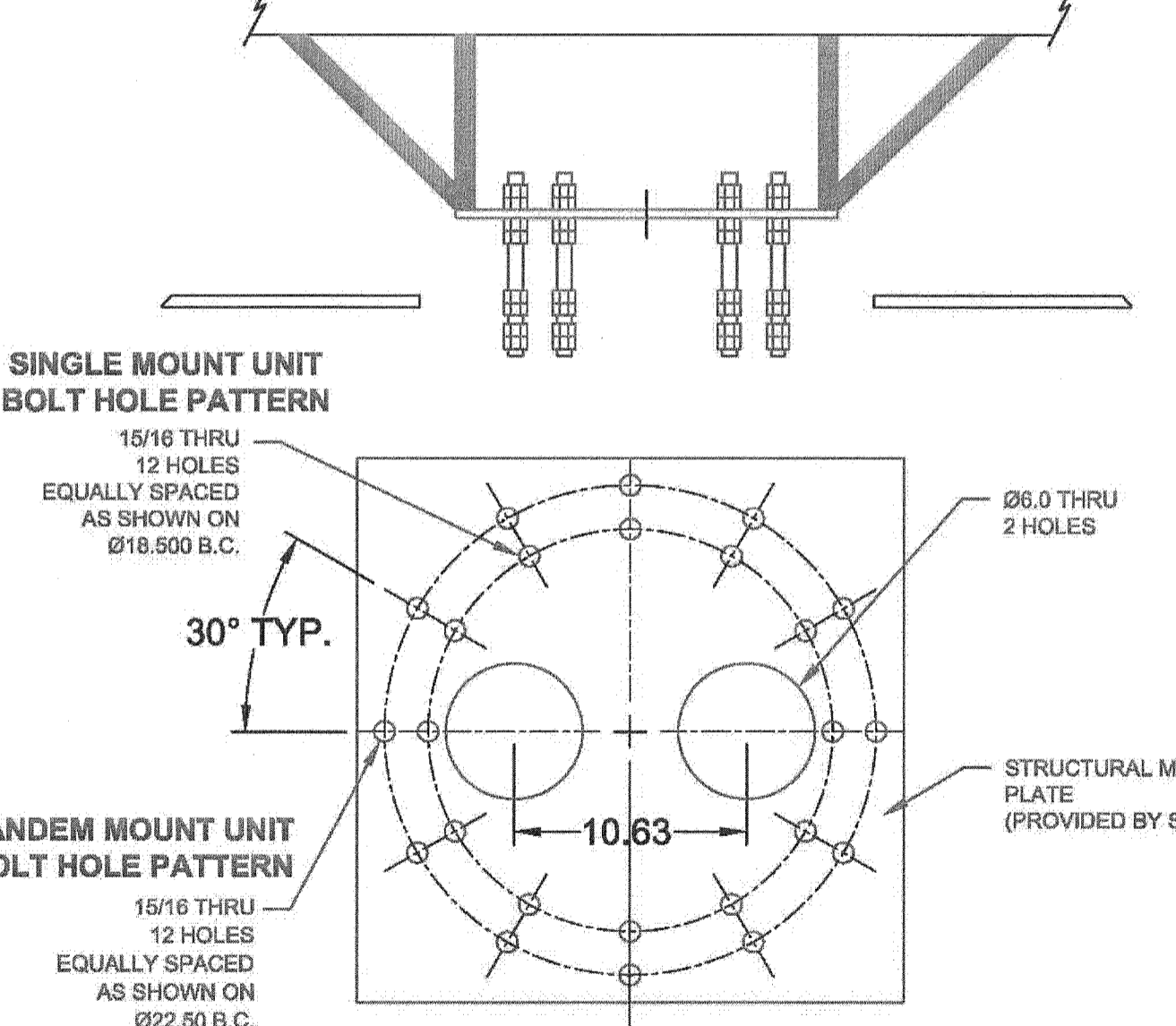
SINGLE MOUNT CANOPY HOOD

NOTE: STRUCTURAL PLATE HEIGHT IS SPECIFIC TO COMPONENTS SHOWN IN THIS DRAWING PACKAGE. DIFFERENT COMPONENT CONFIGURATIONS WILL REQUIRE DIFFERENT STRUCTURAL PLATE HEIGHTS.

ALL DIMENSIONS ARE IN INCHES ALSO REFER TO GENERAL NOTES APPLICABLE TO EQUIPMENT DRAWINGS

SUPPORT STRUCTURE MOUNTING HEIGHT

STERIS	ACCOUNT NAME Maine Medical Center	ACCOUNT LOCATION Portland, ME	FILE NAME MMC_DF60 with 30 Column_Canopy Mount_Rom
STERIS Corporation Mentor, OH			PRINTED DATE 12/1/2010
			SHEET 4 of 12



STRUCTURAL PLATE BOLT HOLE PATTERN

Cath Lab
Harmony EMS 60" Lite Dbl Fixed Arm with 30" Column

ALL DIMENSIONS ARE IN INCHES ALSO REFER TO GENERAL NOTES APPLICABLE TO EQUIPMENT DRAWINGS

STRUCTURAL PLATE BOLT HOLE PATTERN

STERIS	ACCOUNT NAME Maine Medical Center	ACCOUNT LOCATION Portland, ME	FILE NAME MMC_DF60 with 30 Column_Canopy Mount_Rom
STERIS Corporation Mentor, OH			PRINTED DATE 12/1/2010
			SHEET 5 of 12

STRUCTURAL MOUNT ENGINEERING DATA NOTES

DESIGN OF THE EMS SUPPORT STRUCTURE IS CRITICAL TO SAFE, TROUBLE FREE OPERATION.

A. THE STRUCTURAL MOUNTING PLATE MUST BE FLAT, LEVEL AND MUST ADEQUATELY SUPPORT THE EMS SYSTEM CONFIGURATION TO BE INSTALLED.

B. MAXIMUM LOAD CONFIGURATIONS- STERIS RECOMMENDS A STRUCTURAL MOUNT THAT CAN ACCOMMODATE THE MAXIMUM LOAD CONFIGURATION TO ALLOW FOR THE ADDITION OF COMPONENTS IN THE FUTURE.
 TOTAL LOAD "F" ON THE STRUCTURAL MOUNTING PLATE:
 2,020 LBS (8,920 N)
 MAXIMUM MOMENT "M" AT THE STRUCTURAL MOUNTING PLATE:
 12,850 FT-LBS (17,400 Nm)
 (FOR MORE SPECIFIC LOADING INFORMATION REFERENCE PAGE 2)

C. MAXIMUM ACCEPTABLE HORIZONTAL DEFLECTION OF THE STRUCTURAL MOUNTING PLATE:
 0.1 INCHES (2.5mm) WITH A HORIZONTAL LOAD OF "F" OF 2,020 LBS (8,920 N)

D. MAXIMUM ACCEPTABLE ANGULAR DEFLECTION OF THE STRUCTURAL MOUNTING PLATE:
 1/3 OF A DEGREE WITH THE MAXIMUM MOMENT "M" APPLIED OF 12,850 FT-LBS (17,400 Nm)
 (FOR ZONE 4 REFERENCE THE APPROPRIATE SEISMIC REPORT)

E. IF SPACE BETWEEN "HARMONY BEARING PLATE" ON THE EMS UNIT (PROVIDED BY STERIS) AND STRUCTURAL MOUNTING PLATE EXCEEDS THE ACCEPTABLE DIMENSIONAL RANGE SHOWN IN THIS EQUIPMENT DRAWING, AN "INTERMEDIATE SUPPORT PLATE (STIFFING PLATE) OR STRUCTURE" (PROVIDED BY OTHERS) IS REQUIRED. CONSULT THE STRUCTURAL ENGINEER OF RECORD.

NOTES:
 1) FOR THE MAXIMUM ALLOWABLE LOAD THAT CAN BE CARRIED ON EACH PENDANT COLUMN OR HEAD (CONSISTING OF EQUIPMENT, SHELVES, & ACCESSORIES), REFERENCE THE EMS "TECH DATA" DOCUMENTATION.(CONTACT STERIS) OR REFERENCE THE ALLOWABLE LOAD CAPACITY "LABEL" LOCATED ON THE PENDANT HEAD OR COLUMN.
 2) LAMINAR AIR FLOW DUCT-WORK SHOULD BE INSTALLED NO CLOSER THAN 24 INCHES FROM THE CENTERLINE OF THE VERTICAL EXTENSION TUBE/HARMONY BEARING PLATE. IF ADEQUATE CLEARANCE IS NOT ACHIEVED, AN ACCESS DOOR SHOULD BE PROVIDED IN THE CEILING TO ASSIST IN CABLE ROUTING AND SYSTEM TROUBLESHOOTING.

ALL DIMENSIONS ARE IN INCHES ALSO REFER TO GENERAL NOTES APPLICABLE TO EQUIPMENT DRAWINGS

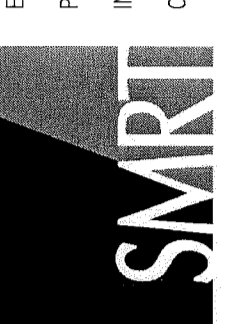
SUPPORT STRUCTURE ENGINEERING REQUIREMENTS

STERIS	ACCOUNT NAME Maine Medical Center	ACCOUNT LOCATION Portland, ME	FILE NAME MMC_DF60 with 30 Column_Canopy Mount_Rom
STERIS Corporation Mentor, OH			PRINTED DATE 12/1/2010
			SHEET 6 of 12


NOTE: THIS DRAWING WAS NOT PREPARED BY SMRT. IT IS PROVIDED FOR COORDINATION AND REFERENCE PURPOSES ONLY

144 Free Street P.O. Box 618
Portland, Maine 04104
Tel: (202) 772-3846
Fax: (202) 772-1070
www.smrt.com

ARCHITECTURE
ENGINEERING
PLANNING
INTERIOR DESIGN
COMMISSIONING



PROJECT NORTH



MAINE MEDICAL CENTER
CATH. LAB # 6
PORTLAND, ME

ISSUED FOR CONSTRUCTION
12.21.10

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	12.21.10

GRAPHIC SCALE:
0" = 1"

SCALE:
PROJECT MANAGER: KD
DRAWN BY:
A/E OF RECORD:
PROJECT NO: 10112.00
DATE: 12.21.10

SHEET TITLE:
VENDOR EQUIPMENT DRAWINGS, SHEET 8

SHEET No. Q-008