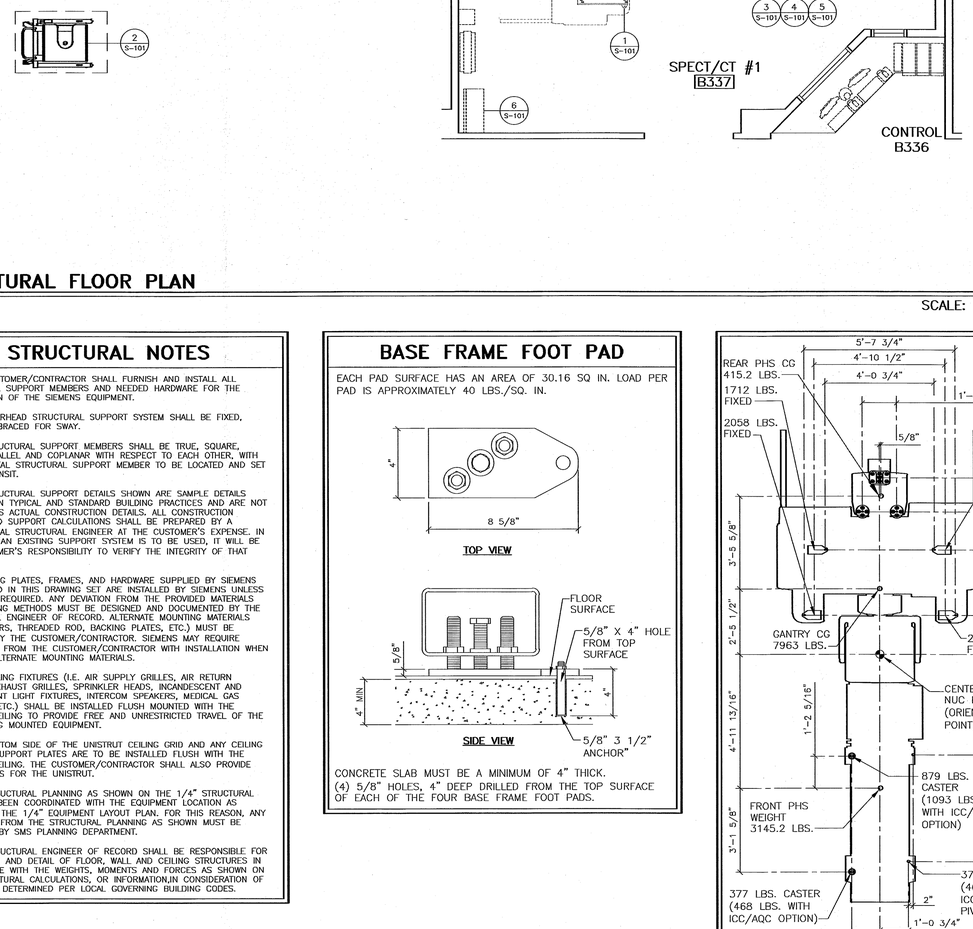
NOTE: FOR THE WEIGHTS OF ALL SIEMENS EQUIPMENT SHOWN ON THIS PLAN, SEE THE "EQUIPMENT LEGEND" ON SHEET A-101.



STRUCTURAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

STRUCTURAL NOTES

1) THE CUSTOMER/CONTRACTOR SHALL FURNISH AND INSTALL ALL STRUCTURAL SUPPORT MEMBERS AND NEEDED HARDWARE FOR THE INSTALLATION OF THE SIEMENS EQUIPMENT.

2) THE OVERHEAD STRUCTURAL SUPPORT SYSTEM SHALL BE FIXED, RIGID AND BRACED FOR SWAY.

3) ALL STRUCTURAL SUPPORT MEMBERS SHALL BE TRUE, SQUARE, LEVEL, PARALLEL AND COPLANAR WITH RESPECT TO EACH OTHER, WITH A HORIZONTAL STRUCTURAL SUPPORT MEMBER TO BE LOCATED AND SET WITH A TRANSIT.

4) ALL STRUCTURAL SUPPORT DETAILS SHOWN ARE SAMPLE DETAILS BASED UPON TYPICAL AND STANDARD BUILDING PRACTICES AND ARE NOT INTENDED AS ACTUAL CONSTRUCTION DETAILS. ALL CONSTRUCTION DETAILS AND SUPPORT CALCULATIONS SHALL BE PREPARED BY A PROFESSIONAL STRUCTURAL ENGINEER AT THE CUSTOMER'S EXPENSE. IN THE EVENT AN EXISTING SUPPORT SYSTEM IS TO BE USED, IT WILL BE THE CUSTOMER'S RESPONSIBILITY TO VERIFY THE INTEGRITY OF THAT SYSTEM.

5) MOUNTING PLATES, FRAMES, AND HARDWARE SUPPLIED BY SIEMENS AS DETAILED IN THIS DRAWING SET ARE INSTALLED BY SIEMENS UNLESS OTHERWISE REQUIRED. ANY DEVIATION FROM THE PROVIDED MATERIALS OR MOUNTING METHODS MUST BE DESIGNED AND DOCUMENTED BY THE STRUCTURAL ENGINEER OF RECORD. ALTERNATE MOUNTING MATERIALS (I.E. ANCHORS, THREADED ROD, BACKING PLATES, ETC.) MUST BE SUPPLIED BY THE CUSTOMER/CONTRACTOR. SIEMENS MAY REQUIRE ASSISTANCE FROM THE CUSTOMER/CONTRACTOR WITH INSTALLATION WHEN UTILIZING ALTERNATE MOUNTING MATERIALS.

6) ALL CEILING FIXTURES (I.E. AIR SUPPLY GRILLES, AIR RETURN GRILLES, EXHAUST GRILLES, SPRINKLER HEADS, INCANDESCENT AND FLUORESCENT LIGHT FIXTURES, INTERCOM SPEAKERS, MEDICAL GAS COLUMNS, ETC.) SHALL BE INSTALLED FLUSH MOUNTED WITH THE FINISHED CEILING TO PROVIDE FREE AND UNRESTRICTED TRAVEL OF THE SMS CEILING MOUNTED EQUIPMENT.

7) THE BOTTOM SIDE OF THE UNISTRUT CEILING GRID AND ANY CEILING MOUNTED SUPPORT PLATES ARE TO BE INSTALLED FLUSH WITH THE FINISHED CEILING. THE CUSTOMER/CONTRACTOR SHALL ALSO PROVIDE COVERSTRIPS FOR THE UNISTRUT.

8) THE STRUCTURAL PLANNING AS SHOWN ON THE 1/4" STRUCTURAL PLAN HAS BEEN COORDINATED WITH THE EQUIPMENT LOCATION AS SHOWN ON THE 1/4" EQUIPMENT LAYOUT PLAN. FOR THIS REASON, ANY DEVIATIONS FROM THE STRUCTURAL PLANNING AS SHOWN MUST BE APPROVED BY SMS PLANNING DEPARTMENT.

9) THE STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAIL OF FLOOR, WALL AND CEILING STRUCTURES IN ACCORDANCE WITH THE WEIGHTS, MOMENTS AND FORCES AS SHOWN ON OUR STRUCTURAL CALCULATIONS, OR INFORMATION,IN CONSIDERATION OF FORCES AS DETERMINED PER LOCAL GOVERNING BUILDING CODES.

BASE FRAME FOOT PAD

EACH PAD SURFACE HAS AN AREA OF 30.16 SQ IN. LOAD PER PAD IS APPROXIMATELY 40 LBS./SQ. IN.

TOP VIEW

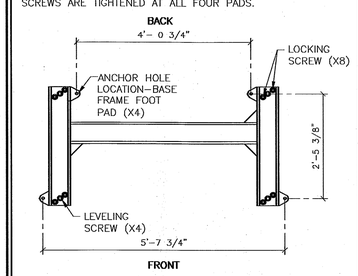
SIDE VIEW

CONCRETE SLAB MUST BE A MINIMUM OF 4" THICK. (4) 5/8" HOLES, 4" DEEP DRILLED FROM THE TOP SURFACE OF EACH OF THE FOUR BASE FRAME FOOT PADS.

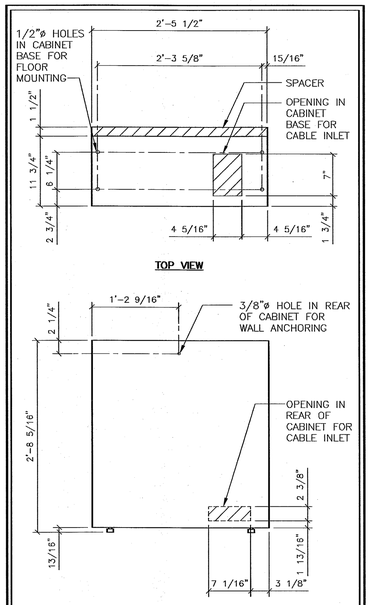
FRONT PHS CASTER LOADS EXCLUDE PATIENT WEIGHT.

5	LOAD CONCENTRATIONS	SCALE: 3/8"=1'-0"

THE GANTRY IS FULLY ADJUSTABLE AT ALL FOUR BASE FRAME PADS. THE BASE FRAME FOOT PADS ARE MOUNTED TO THE FLOOR USING 5/8" X 3 1/2" ANCHORS. THE BASE FRAME FOR THE GANTRY SITS ON TOP OF THE FOOT PADS. LEVELING SCREWS ARE THEN USED TO LEVEL THE GANTRY FRONT TO BACK AND SIDE TO SIDE. ONCE THE GANTRY IS LEVEL, LOCKING SCREWS ARE TIGHTENED AT ALL FOUR PADS.



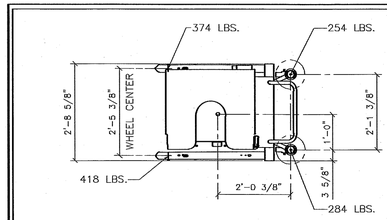
1	SYMBIA INTEVO BASE FRAME	SCALE: NO SCALE



ANCHORING REQUIREMENTS:
THE LINE CONNECTIONS BOX (LCB) STANDS ON THE FLOOR. IT IS TO BE ANCHORED TO THE WALL THROUGH THE REAR COVER TO PREVENT TIPPING. BOLTING THE LCB TO THE FLOOR IS ONLY NECESSARY WHEN LOCAL OR NATIONAL REGULATIONS REQUIRE IT (EXAMPLE: EARTHQUAKE ZONES). SCREWS AND ANCHORS FOR MOUNTING ARE TO BE SUPPLIED BY THE CUSTOMER/CONTRACTOR.

6	LCB CABINET DETAIL	SCALE: FULL

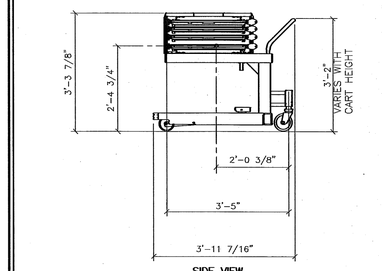
FINISHED ROOM HEIGHT	
SYMBIA INTEVO EXCEL, INTEVO 2, INTEVO 6, INTEVO 16	MINIMUM 8'-0"
SYMBIA INTEVO EXCEL, INTEVO 2, INTEVO 6, INTEVO 16 WITH CEILING MOUNTED COMPONENT OTHER THAN RADIATION ON LAMP	MINIMUM 8'-2" MAXIMUM 12'-0"
CONSIDER THE WARNING LIGHT WILL BE PLACED ON TOP OF THE PATIENT BOOM. ANY OTHER CEILING MOUNTED COMPONENT MUST BE PLACED AS TO NOT COLLIDE WITH WARNING LIGHT.	



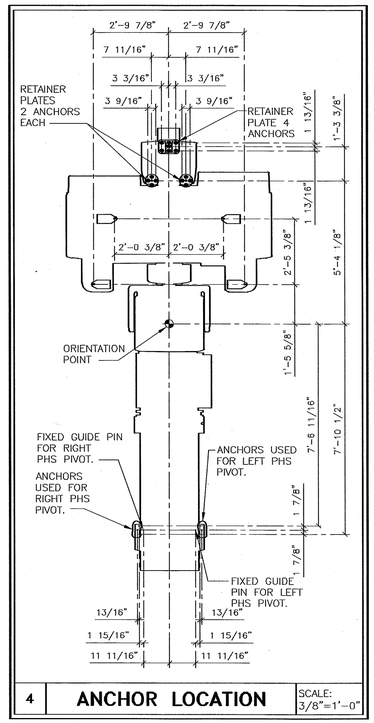
CART IS AVAILABLE IN LEFT AND RIGHT CONFIGURATIONS DEPENDING ON BED PIVOT.

WEIGHT AND LOCATION OF CG VARIES WITH COLLIMATOR TYPE. HEAVIEST LOAD SHOWN:

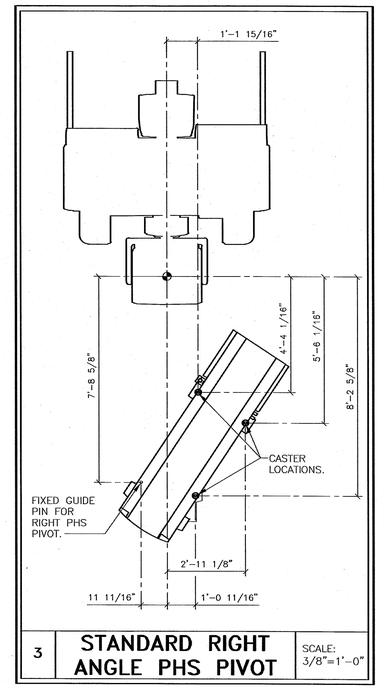
1-SET HIGH ENERGY
1-SET MEDIUM ENERGY
TOTAL WEIGHT: 1330 LBS.



2	COLLIMATOR CART	SCALE: 1/2"=1'-0"



4	ANCHOR LOCATION	SCALE: 3/8"=1'-0"



3	STANDARD RIGHT ANGLE PHS PIVOT	SCALE: 3/8"=1'-0"

SYMBIA INTEVO REV 1

SYM	DATE	DESCRIPTION
0	09/12/14	R-101RA VERSION DATED 08/27/14 APPROVED BY THE CUSTOMER FOR FINALS.

-ISSUE BLOCK-

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SIEMENS

MAINE MEDICAL CENTER
22 BRAMHALL STREET, PORTLAND, ME 04102
SPECT/CT #1 B337 - SYMBIA INTEVO 2

PROJECT #: 1402948
SHEET: S-101
SHEET OF 3 6
DRAWN BY: R. HILL
SCALE: AS NOTED
REF. #: I-291XKI
DATE: 09/12/14

ATTENTION:

- THIS DRAWING IS DESIGNED TO CONFORM TO FEATURES AND EQUIPMENT REQUIREMENTS PRESENTED AT THE TIME OF THEIR PREPARATION. SINCE BOTH THESE FACTORS ARE SUBJECT TO DESIGN MODIFICATION, THEY ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES.
- THIS SET OF PLANS REPRESENTS A COMPLETE SET OF DETAILS AND SHOULD NOT BE SEPARATED.
- IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION DOCUMENTS FOR REFERENCE.
- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES.
- THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST TO SPECIFY RADIATION PROTECTION.

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION