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LOADING DISTRIBUTION	FLOOR SPECIFICATIONS
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CT Gantry front leveling pads
2.16 kN load per pad $\phi 70$ [$\phi 2.8$ in]

CT Gantry rear leveling pads
1.77 kN load per pad $\phi 70$ [$\phi 2.8$ in]

CT gantry center of gravity

NM gantry center of gravity

265
110 [in]
1083
43 [in]

1656
[65 in]

NM Gantry rear pads
2.45 kN load
per pad $\phi 83$ [$\phi 3.3$ in]

NM Gantry front pads
8.29 kN load
per $\phi 83$ [$\phi 3.3$ in] pad

Load 5.47 kN—
distributed on
2 wheels + pivot

Patient Table
center of gravity

Center of gravity

SCALE 1:50

CT Gantry weight:	8.83 kN
NM Gantry weight:	21.48 kN
(with HEGP collimators mounted)	
Table weight:	5.47 kN

NM GANTRY MAIN ANCHORING



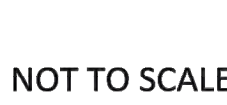
- Floor leveling area: 576 cm [18.9 ft] x 363 cm [11.9 ft] (covering the entire planned area of table and gantry surface).
- Slope: within 3 mm [0.125 in] over 3048 mm [102 in].
- Floor surface must be smooth, with deviations of no more than 0.5 cm [0.2 in] between depressions and high spots in any 150 cm [59.1 in] throughout the room or system installation area.
- Floor surface: a single poured surface.
- Floor strength: in order to enable the use of the system floor anchors, concrete floors must have a minimum cube strength of f_{cu} =4350 psi, (30 MPa) at 28 days (curing time) for 25/30 concrete.
- Floor thickness: the system's floor anchors are designed for use only on concrete floors that meet the minimal 140 mm [5.5 in] thickness requirement.

It is the customer/contractor responsibility to have appropriate tests performed to determine and measure concrete strength.

CABLE MANAGEMENT



WALL DUCT



SIoux FALLS VA MEDICAL CENTER	OPTIMA NM/CT 640	NUC-M047614-01-FIN-B.DWG	1:48	Rev B Date	24/AUG/2018	Floor-Electrical Layout	1	1/2	16	03/11
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VA U.S. Department
of Veterans Affairs