




Typical

---  
---

REV	DATE	MODIFICATIONS
01 - C1 - Cover Sheet		
02 - A2 - Equipment Layout		
03 - S2 - Structural Layout		
04 - S3 - Structural Details (1)		
05 - S4 - Structural Details (2)		
06 - E2 - Electrical Layout		
07 - E3 - Electrical Elevations		

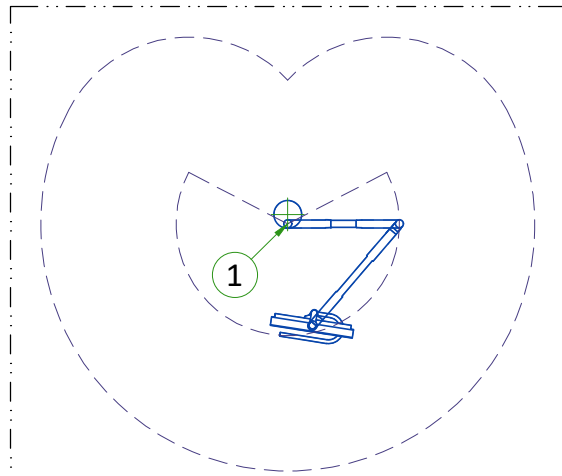


**FLUORO MONITORS  
FINAL STUDY**

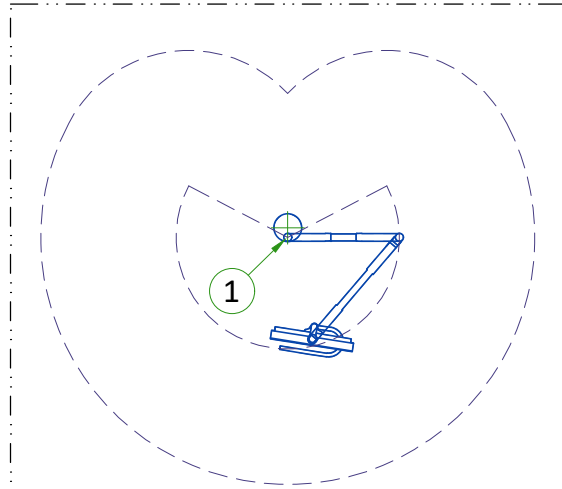
A mandatory component of this drawing set is the GE HealthCare Pre Installation manual. Failure to reference the Pre Installation manual will result in incomplete documentation required for site design and preparation.  
Pre Installation documents for GE HealthCare products can be accessed on the web at: <https://www.gehealthcare.com/support/manuals>

GE HealthCare does not take responsibility for any damages resulting from changes on drawings made by others. Errors may occur by not referring to the complete set of final issue drawings. GE HealthCare cannot accept responsibility for any damage due to the partial use of GE HealthCare final issue drawings, however caused. All dimensions are in millimeters unless otherwise specified. Do not scale from printed pdf files. GE HealthCare accepts no responsibility or liability for defective work due to scaling from these drawings.

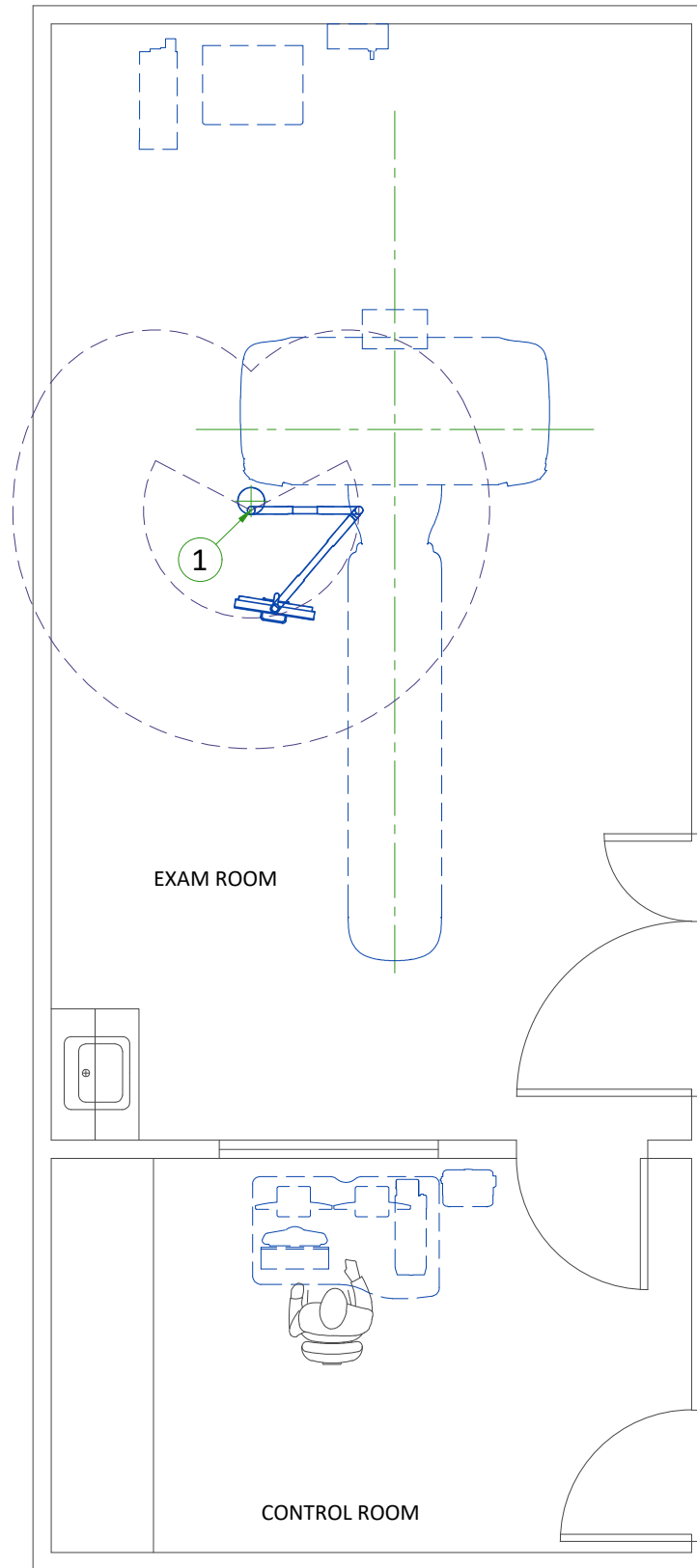
Drawn by	Verified by	Concession	GON/Quote	PIM Manual	Rev
RET	CRM	-	-	-	-
Format	Scale	File Name		Date	Sheet
A3	1/4"=1'-0"	EN-CT-TYP-FLUORO_MONITOR-WEB.DWG		06/Jun/2024	01/19



B7919FP/MJ/FT, B7877YZ



B7919SC (Revolution CT/Apex Series)



**LEGEND**

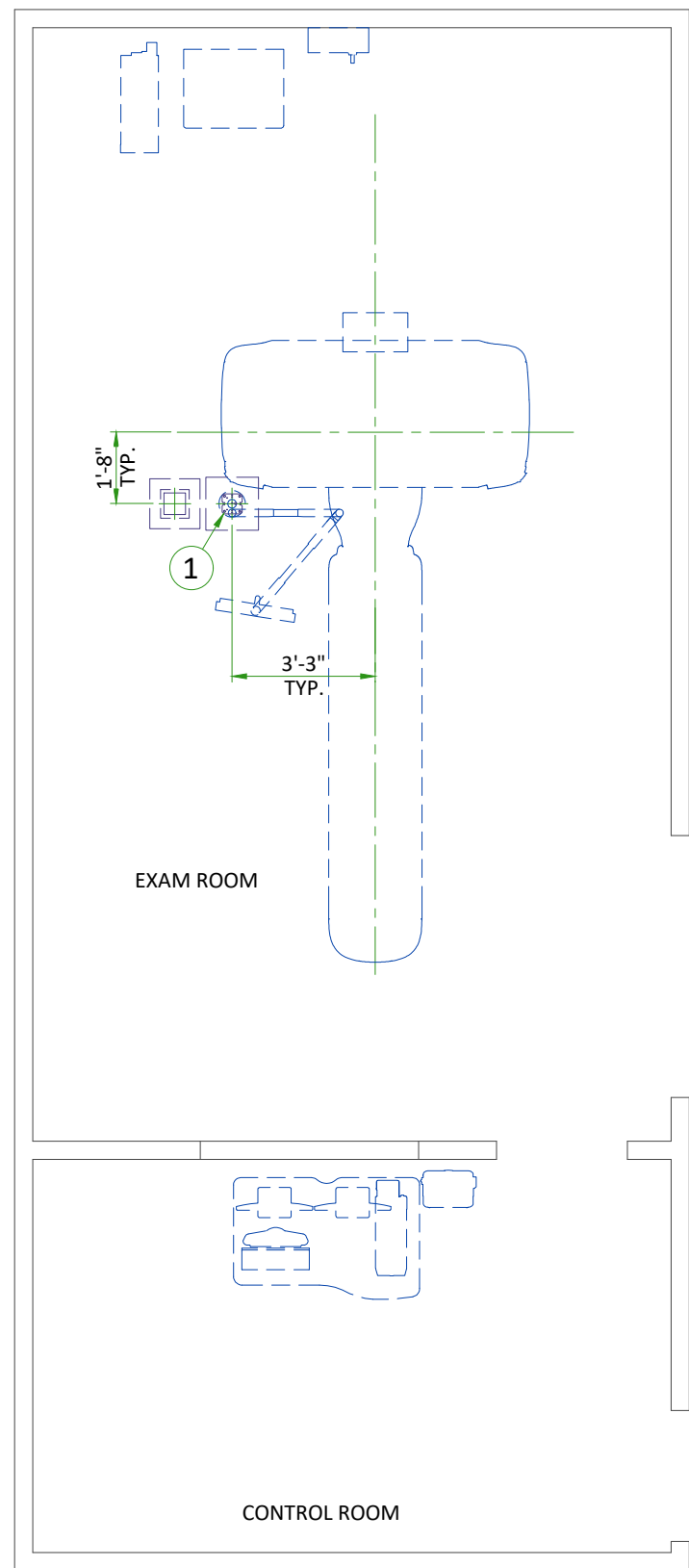
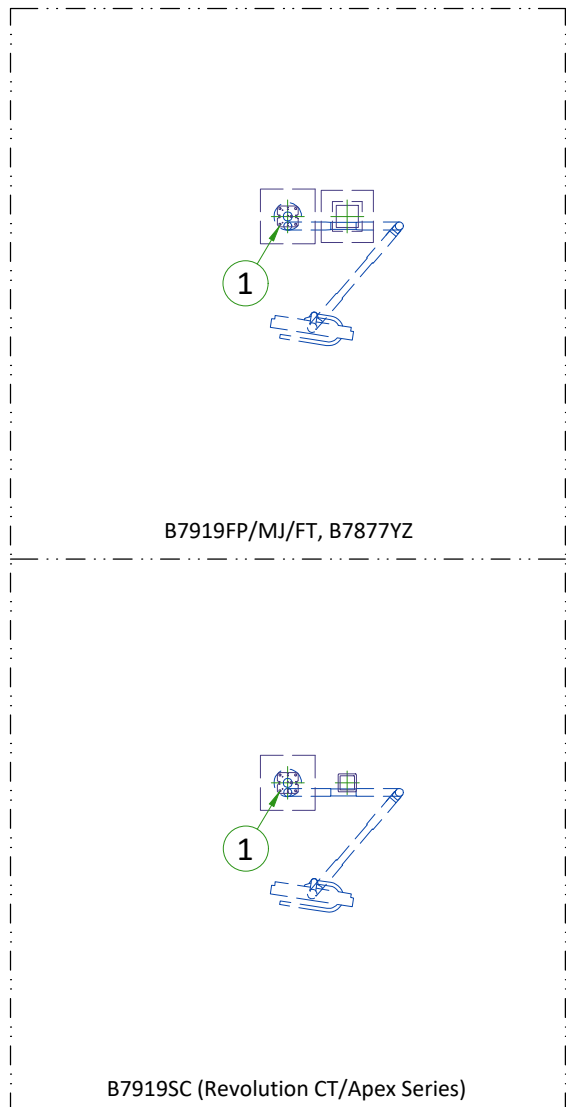
A	GE SUPPLIED	D	AVAILABLE FROM GE
B	GE SUPPLIED/CONTRACTOR INSTALLED	E	EQUIPMENT EXISTING IN ROOM
C	CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED	*	ITEM TO BE REINSTALLED FROM ANOTHER SITE

BY	ITEM	DESCRIPTION	MAX HEAT OUTPUT (BTU/h)	WEIGHT (lbs)	MAX HEAT OUTPUT (W)	WEIGHT (kg)
B	1	LCD MONITOR ON CEILING	-	66	-	29.9

**EXAM ROOM HEIGHT**

FINISHED FLOOR TO SLAB HEIGHT	TBD
FALSE CEILING HEIGHT	Rec. 9'-0"

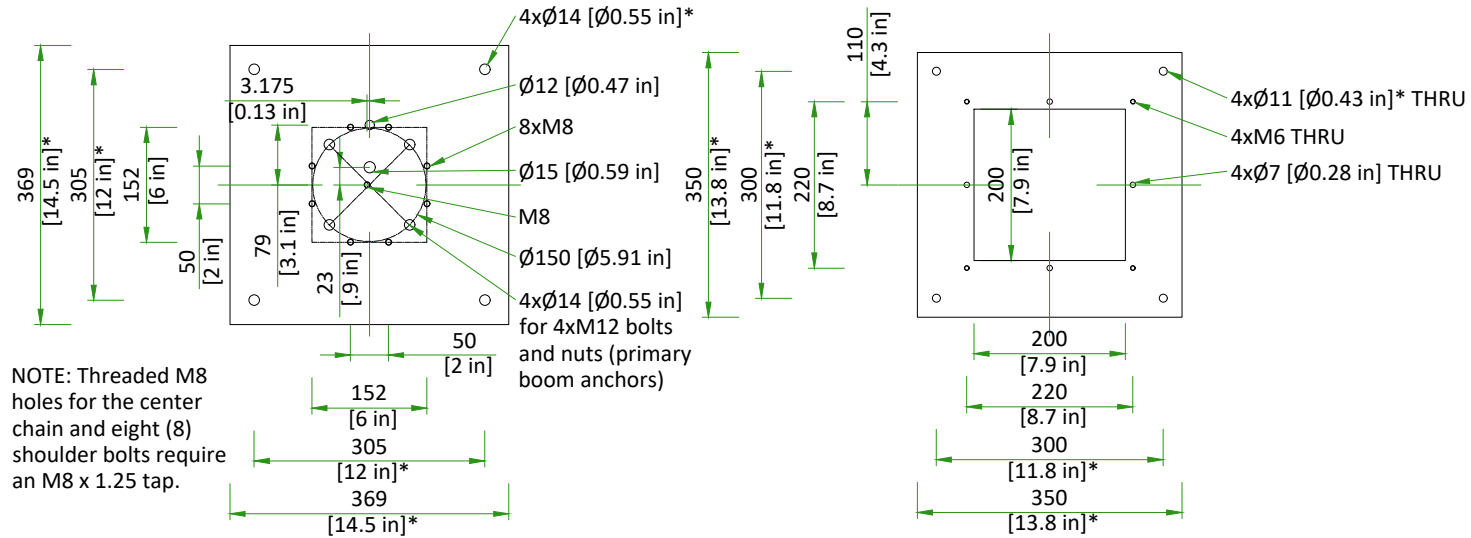
ITEM	DESCRIPTION
(CONTRACTOR SUPPLIED & INSTALLED)	
1	Monitor suspension plate (refer to Structural Details)



## LCD MONITOR MOUNTING PLATES

CUSTOMER SUPPLIED BOOM PEDESTAL MOUNTING PLATE

CUSTOMER SUPPLIED JUNCTION BOX MOUNTING PLATE



NOTE: Threaded M8 holes for the center chain and eight (8) shoulder bolts require an M8 x 1.25 tap.

- Material for the boom pedestal mounting plate shall be:
- Structural steel between 10-15 mm [0.4-0.6 in] thickness
  - Tensile stress shall be 400 MPa or greater
  - Yield stress shall be 235 MPa or greater

- Material for the junction box mounting plate shall be:
- Structural steel between 8-15 mm [0.3-0.6 in] thickness
  - Tensile stress shall be 400 MPa or greater
  - Yield stress shall be 235 MPa or greater

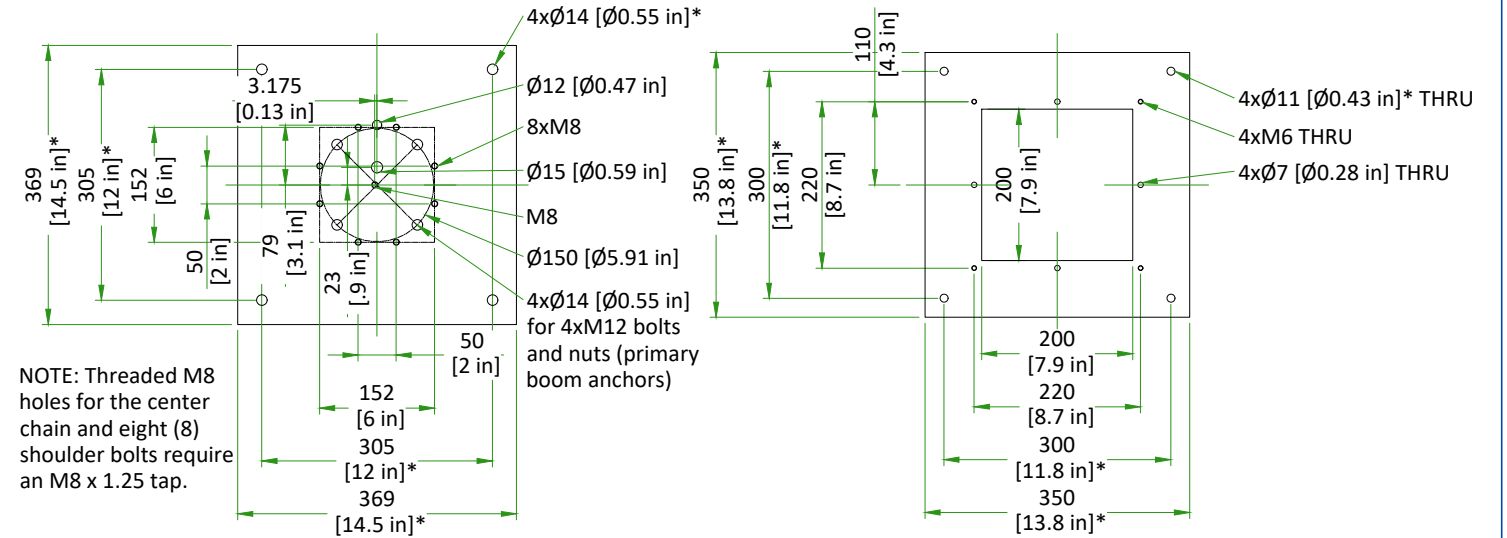
NOTE: Safety factor on the junction box mounting plate and the boom mounting plate shall be no less than 4 times load. Dimensions marked with an asterisk (\*) in the illustration above (and the available engineering drawing provided by the PMI) are for customer reference only. Since the customer supplies this plate, dimensions marked with (\*) are minimum size recommendations and may vary, depending on customer ceiling layout. The ceiling mounting plate must be designed by a structural engineer and installed by a qualified contractor prior to the system installation.

NOT TO SCALE

## LCD MONITOR MOUNTING PLATES

CUSTOMER SUPPLIED BOOM PEDESTAL MOUNTING PLATE

CUSTOMER SUPPLIED JUNCTION BOX MOUNTING PLATE



NOTE: Threaded M8 holes for the center chain and eight (8) shoulder bolts require an M8 x 1.25 tap.

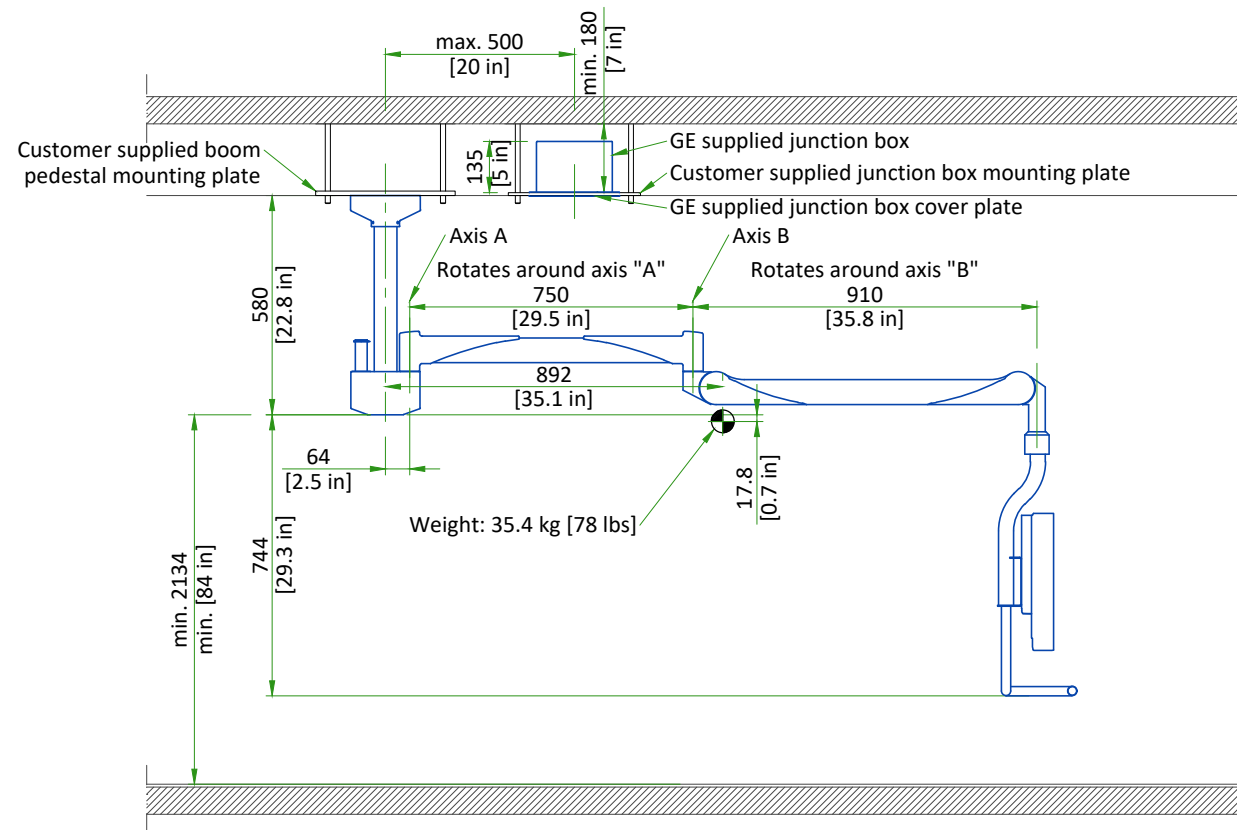
- Material for the boom pedestal mounting plate shall be:
- Structural steel between 10-15 mm [0.4-0.6 in] thickness
  - Tensile stress shall be 400 MPa or greater
  - Yield stress shall be 235 MPa or greater

- Material for the junction box mounting plate shall be:
- Structural steel between 8-15 mm [0.3-0.6 in] thickness
  - Tensile stress shall be 400 MPa or greater
  - Yield stress shall be 235 MPa or greater

NOTE: Safety factor on the junction box mounting plate and the boom mounting plate shall be no less than 4 times load. Dimensions marked with an asterisk (\*) in the illustration above (and the available engineering drawing provided by the PMI) are for customer reference only. Since the customer supplies this plate, dimensions marked with (\*) are minimum size recommendations and may vary, depending on customer ceiling layout. The ceiling mounting plate must be designed by a structural engineer and installed by a qualified contractor prior to the system installation.

NOT TO SCALE

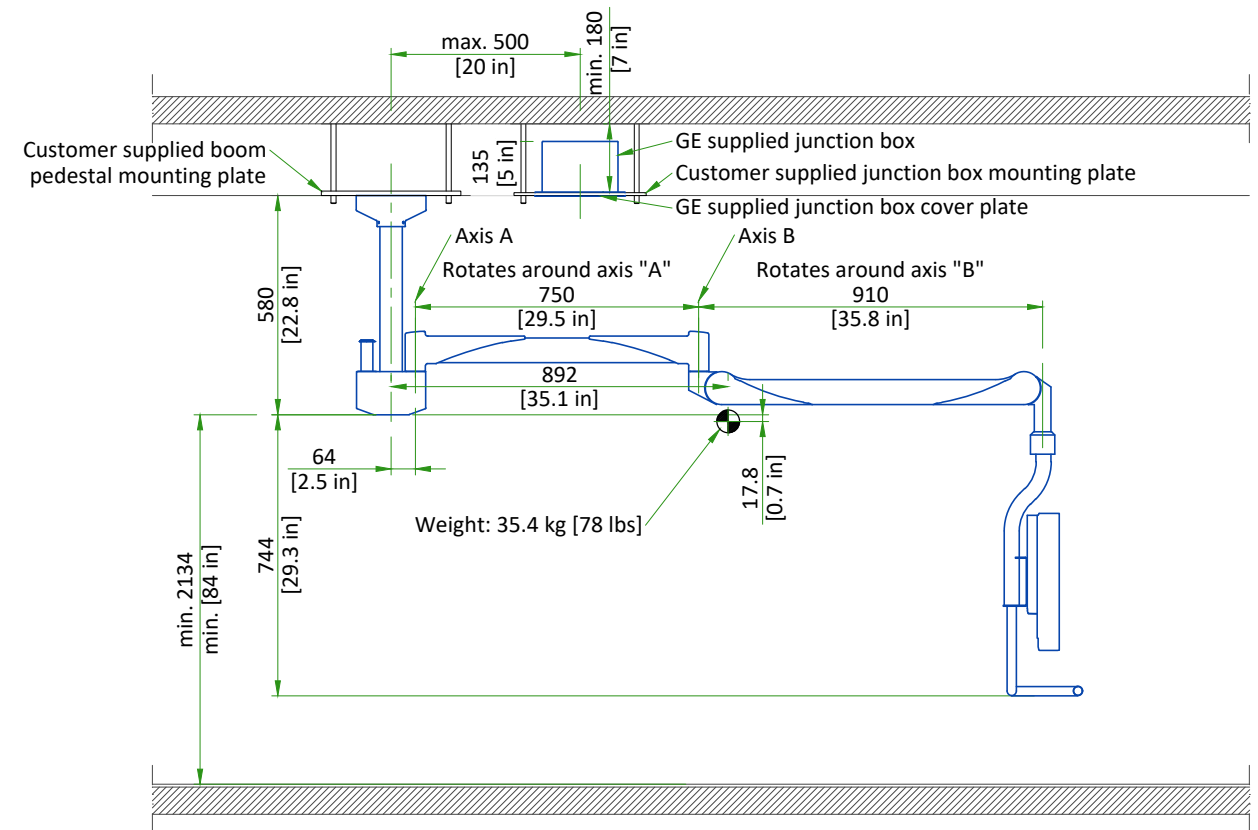
## LCD MONITOR SUSPENSION



NOT TO SCALE

Center of Gravity

## LCD MONITOR SUSPENSION

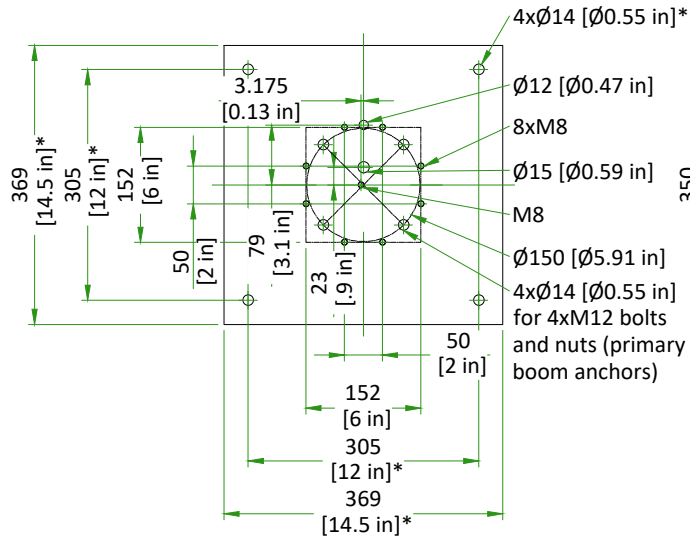


NOT TO SCALE

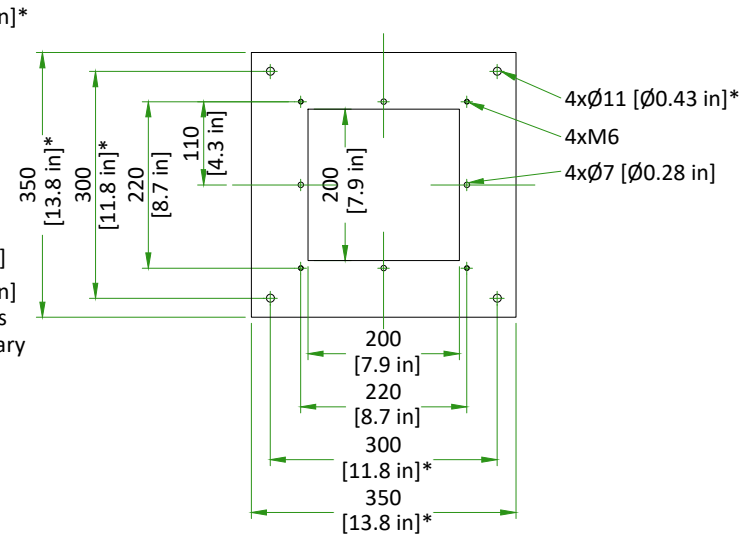
Center of Gravity

## LCD MONITOR MOUNTING PLATES

CUSTOMER SUPPLIED BOOM PEDESTAL MOUNTING PLATE



CUSTOMER SUPPLIED JUNCTION BOX MOUNTING PLATE



- Threaded M8 holes for the center chain and eight (8) shoulder bolts require an M8 x 1.25 tap.
- The support structure for a ceiling-mounted option using a Mavig pedestal, requires a flush ceiling mounting plate.
- Detailed instruction for hole size and a template is available from Mavig or in their Portegra Installation Manual.
- GE supplied boom weight: 30.9 kg [68 lbs]

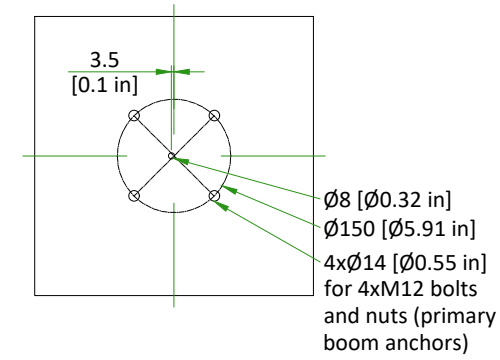
- The junction box cover plate assy must be flush mounted to the junction box mounting plate, it's a 240 mm x 240 mm [9.4 in x 9.4 in] centered GE-supplied electrical cover plate assy.
- GE supplied junction box cover plate assembly weight: 1.1 kg [2.4 lbs] (approximately)

NOTE: The customer's architect is responsible for designing and installing the Junction Plates. The system manufacturer will NOT inspect and test that the Junction Plates meet the loading capacity specified (recommend a 6x safety factor). The dimensions marked with "\*" are only for customer reference.

NOT TO SCALE

## LCD MONITOR MOUNTING PLATES

CUSTOMER SUPPLIED BOOM PEDESTAL MOUNTING PLATE



CUSTOMER SUPPLIED JUNCTION BOX MOUNTING PLATE

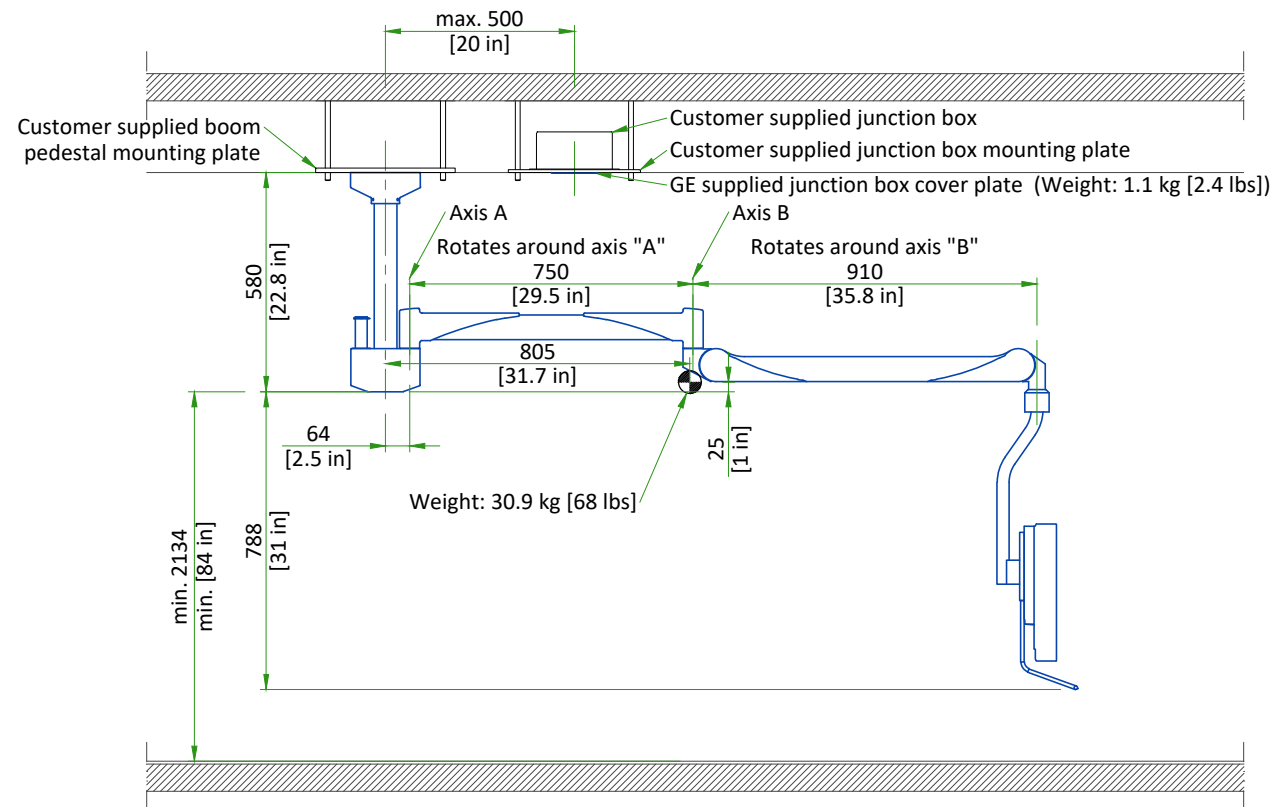
A 152 mm x 152 mm x 102 mm [6 in x 6 in x 4 in] or equivalent ceiling box is required to be flush mounted next to the ceiling plate. There should be two (2) conduits exiting into the box and the box grounded to the mounted plate. The electrical box cover plate must be flush mounted to the finished ceiling and with provision to add a 102 mm x 102 mm [4 in x 4 in] centered GE-supplied electrical cover ceiling plate.

- The support structure for a ceiling-mounted option using a Mavig pedestal, requires a flush ceiling mounting plate.
- Detailed instruction for hole size and a template is available from Mavig or in their Portegra Installation Manual.
- GE supplied boom weight: 30.9 kg [68 lbs]

NOTE: The customer's architect is responsible for designing and installing the Junction Plates. The system manufacturer will NOT inspect and test that the Junction Plates meet the loading capacity specified (recommend a 6x safety factor).

NOT TO SCALE

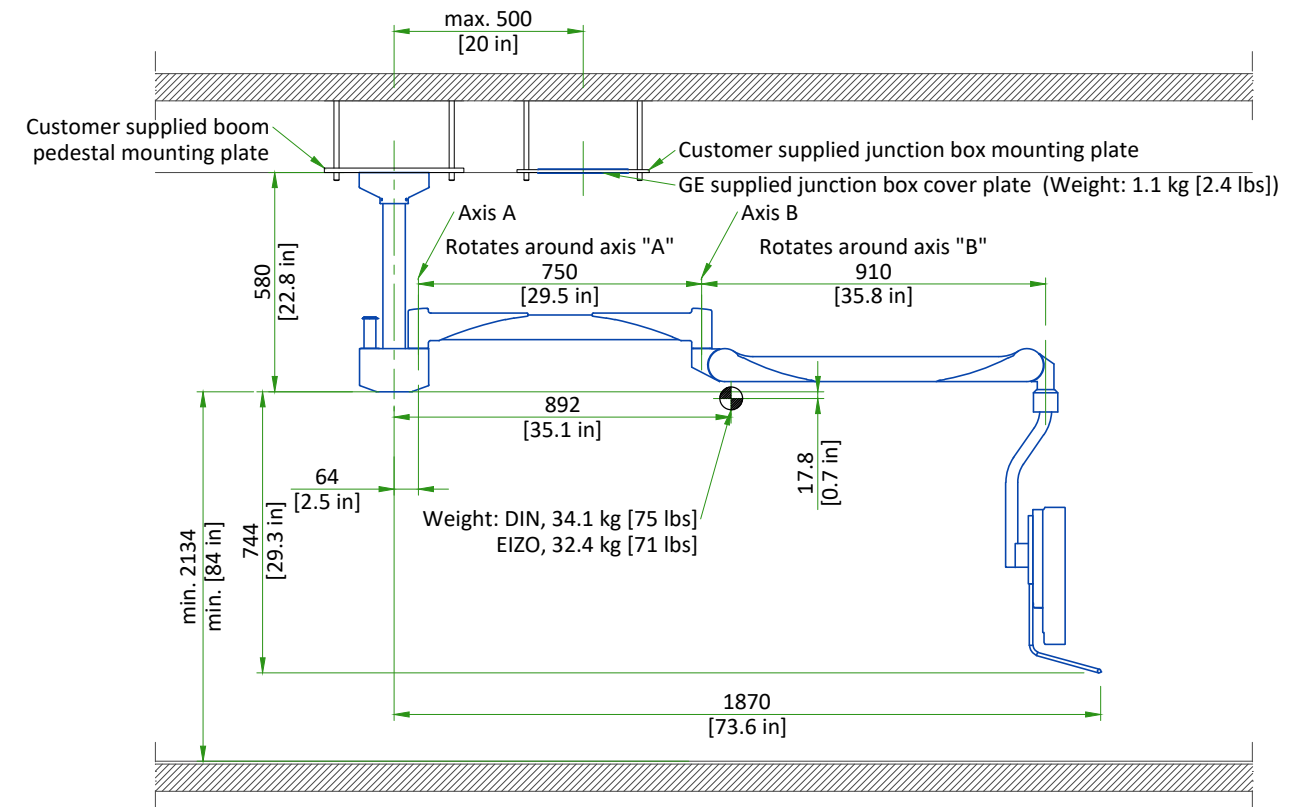
## LCD MONITOR SUSPENSION



NOT TO SCALE

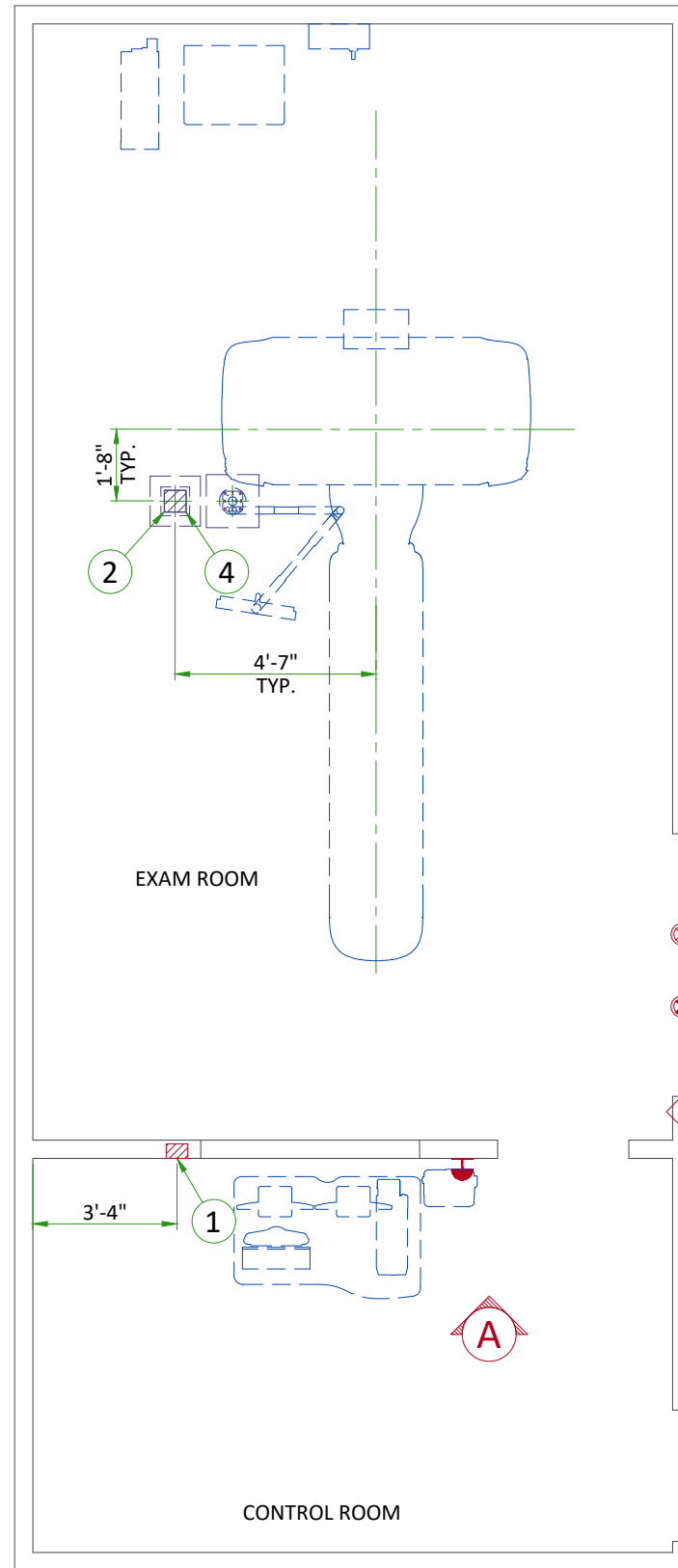
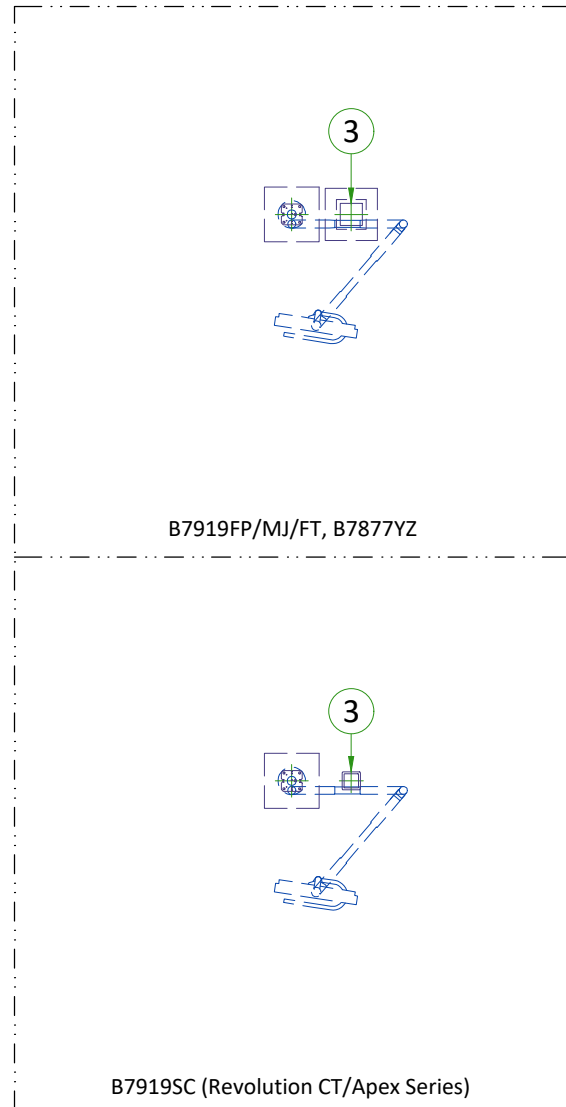
Center of Gravity

## LCD MONITOR SUSPENSION



NOT TO SCALE

Center of Gravity



ITEM	DESCRIPTION
1	6" x 6" x 4" [150 x 150 x 100] box (Operator's console)
2	6" x 6" x 4" [150 x 150 x 100] box above ceiling (SmartView monitor)
3	Box above ceiling (SmartView monitor - GE Supplied)

Additional Conduit Runs (Contractor Supplied and Installed)				
From (Bubble # / Item)	To (Bubble # / Item)	Qty	Size	
			In.	mm
2-4 SmartView Monitor	1 Operators Console	1	1	25
		1	2	50

