



ISO 9001 REGISTERED

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CE CERTIFIED



**MAN RATED  
FALL PROTECTION SYSTEMS**  
ADJUSTABLE FREESTANDING HORIZONTAL RAIL SYSTEM

**SETUP MANUAL**

# Step by Step Instructions for FSHRS

## STEP 1

1. Insert the base cross member tube into only one base section and bolt.
2. Insert the second base cross member tube into the same base and bolt. Connect the second base and bolt the cross members.
3. Connect the drive connector tube onto the drives. Use the adjustment holes to position the drive connector. **IMPORTANT:** Do not crank the drives while it is lying down and make sure the vertical stanchions are in contact with their respective bases, this will maintain the same height and even trolley rail.
4. Connect the short top cross member. Use torque settings specified in the maintenance section of the Operator Manual Pt# 18732.
5. Connect the long top cross member as in number 4.

## STEP 2

6. With a forklift or crane lift at lift point on unit. Add the jack tube assembly by bolting through the one wall of the base and jack tubes. Remove jack before standing up the unit in STEP 4.
7. Add the wheel assembly (without  $\varnothing 5/8$ " bolt cable connection) bolt by bolting through the one wall of the base and wheel tubes.
8. Add the other wheel assembly as in number 7.
9. Add the other jack as in number 6.
10. Add the handle assembly only after the unit is standing in STEP 4.
11. Add wheel assembly with the  $5/8$ " bolt cable connection. Loosely connect the cable assembly.
12. Add the second wheel assembly. Note: Cable assemblies are to mount inside of each tube so that the cable assemblies are facing one another.
13. Add handle assembly as in number 10.

## STEP 3

14. Lift the unit using a forklift or crane by the lift point shown. **IMPORTANT:** Ensure both horizontal cross members are strapped or tied together before lifting. Connect the flat bars to the tube protruding from the top of the stanchion. Insert the gusset tube to the inside of the triangle plates and bolt. Repeat for other side.
15. Add trolley rail to the gusset assemblies.

## STEP 4

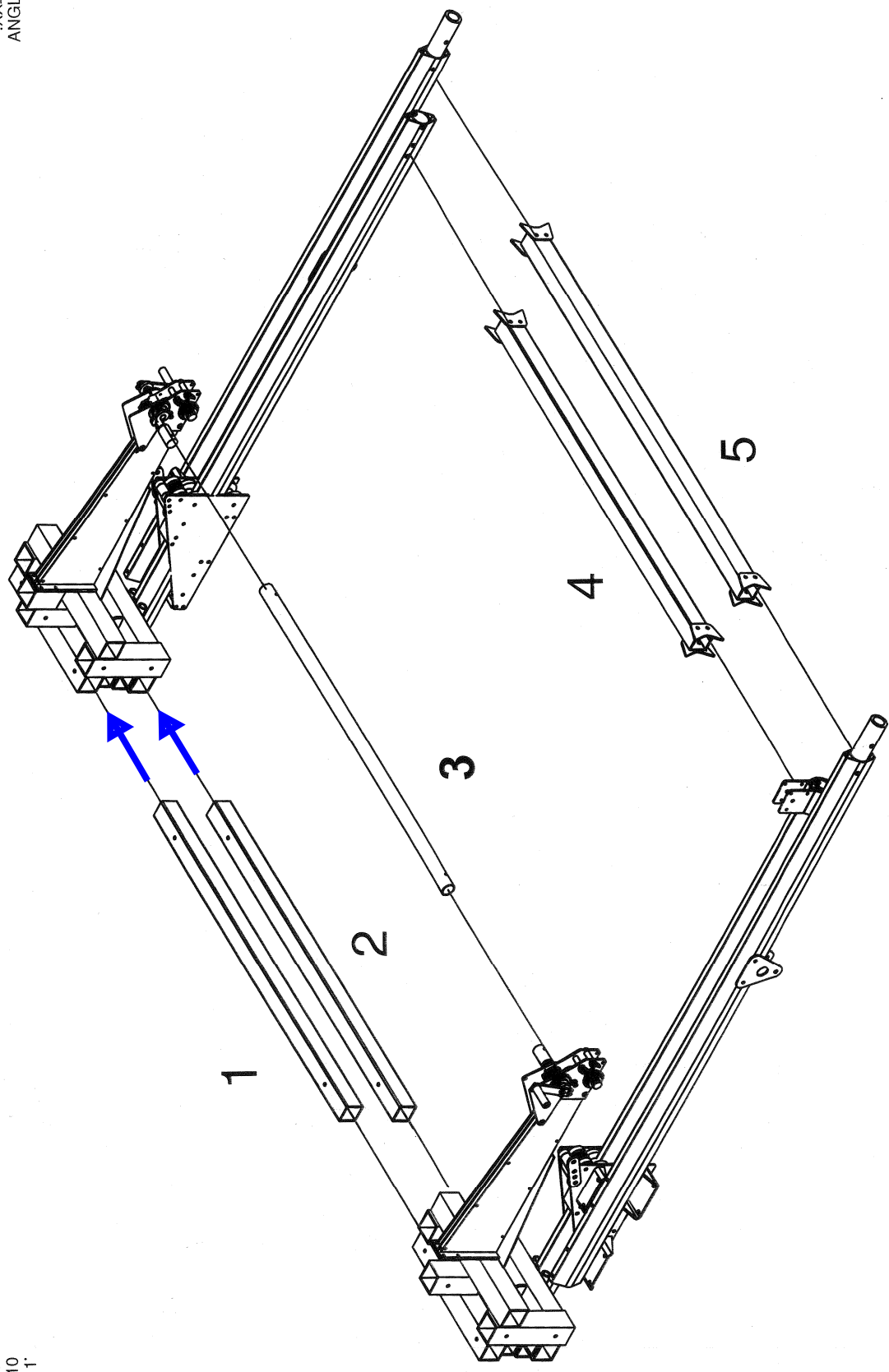
16. Lift the Horizontal Rail System up by the trolley rail. Note: Be careful not to damage the rail, this could result in malfunction of the trolley movement.
17. Add jacks and lower to apply slight pressure. Add both leg assemblies and bolt into place.

**IMPORTANT:** Cable Tie-Back assemblies must be installed before using this equipment. Cable must be tight to apply slight pressure on the unit. **DO NOT OVERTIGHTEN.** Failure to install these assemblies could result in serious injury or death.

METRIC DIMENSIONS  
TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
.X± 0.60  
.XX± 0.30  
ANGLES± 1°

TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
.X± 0.040  
.XX± 0.020  
.XXX± 0.010  
ANGLES± 1°

STEP 1



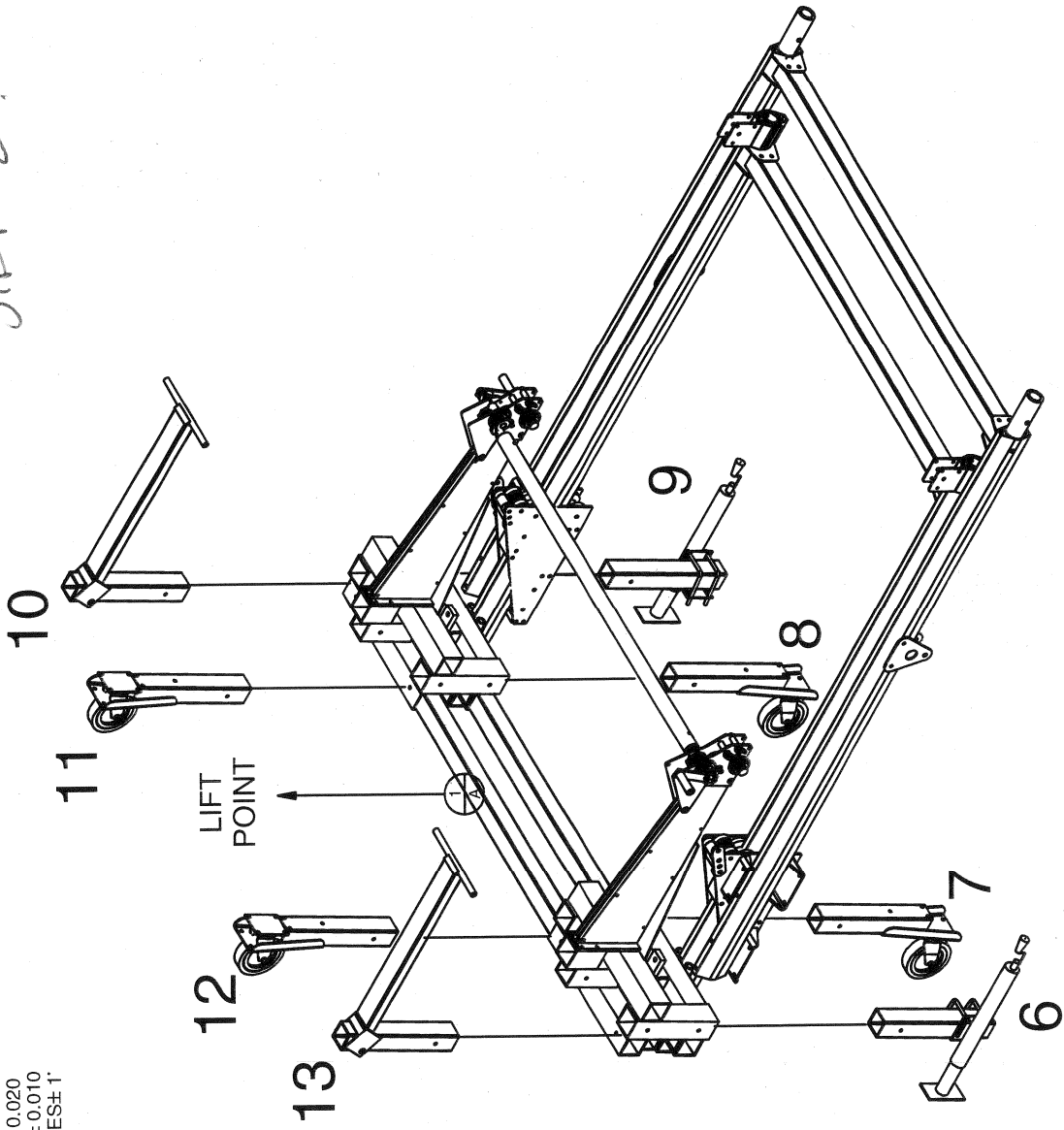
ITEM #	PART #	QTY	DESCRIPTION
<b>Unique Concepts Ltd.</b>			
Manufacturers of Industry Standard Confined Spaces Entry / Retrieval Systems			
INVENTOR:		DATE:	DIMENSIONS:
DRAWN BY: OD		10/12/2004	INCHES (mm)
CHECKED BY:		DATE:	DATE:
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG SIZE: A	REV #: 00
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		SHEET: 1 OF:	
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG #: 20380	

REV #	DATE	DESCRIPTION OF REVISION	BY

TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
X± 0.040  
.XX± 0.020  
.XXX± 0.010  
ANGLES± 1°

STEP 2.

METRIC DIMENSIONS  
TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
X± 0.60  
.XX± 0.30  
ANGLES± 1°

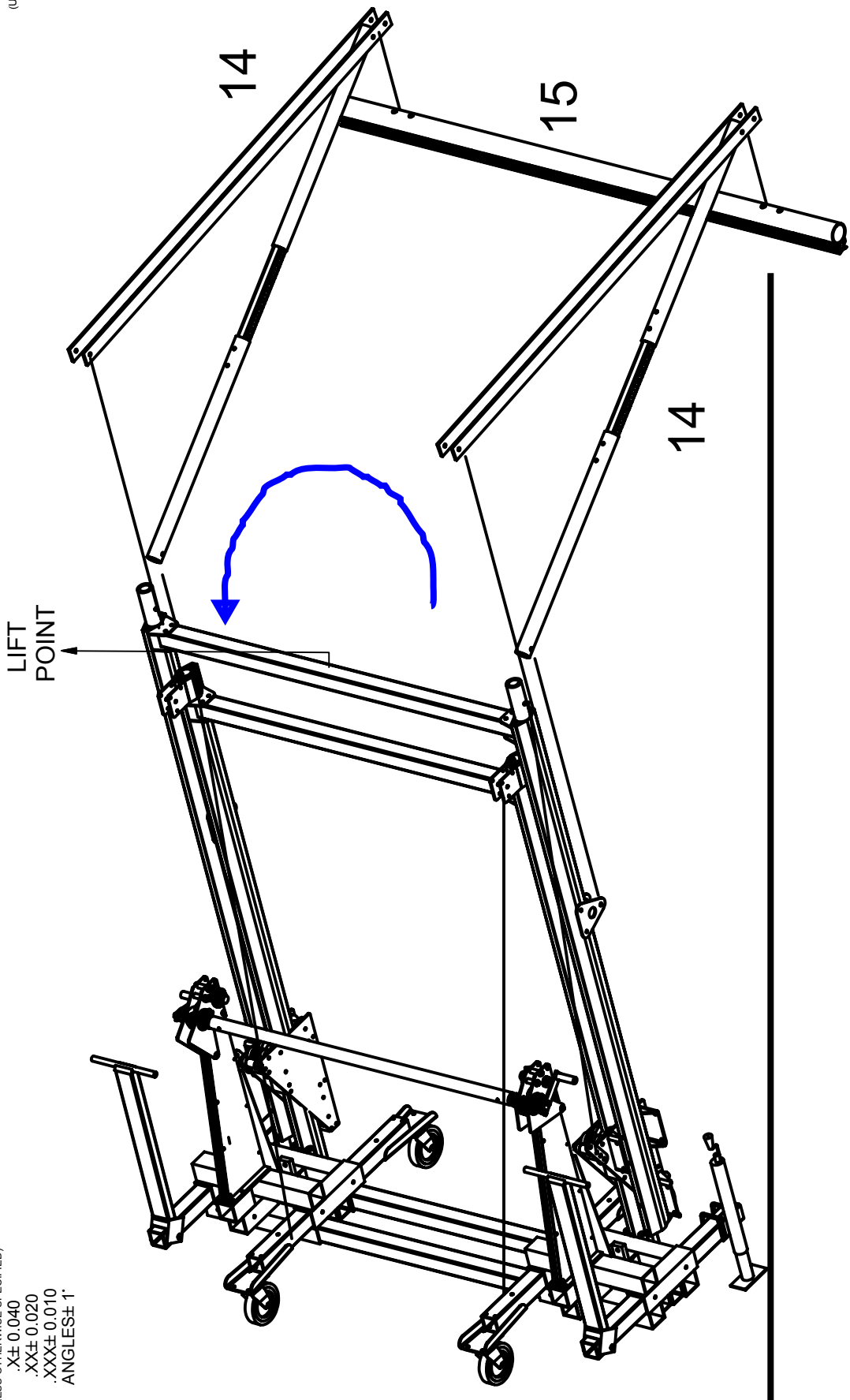


ITEM #	PART #	QTY	DESCRIPTION
<b>Unique Concepts Ltd.</b> Manufacturers of Industry Standard Confined Spaces Entry / Retrieval Systems			
INVENTOR		DIMENSIONS: INCHES (mm)	
DRAWN BY: OD	DATE: 10/12/2004	SCALE:	INCHES (mm)
CHECKED BY:	DATE:	APPROVED BY:	DATE:
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG SIZE	REV #:
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		A	00
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		SHEET: 1 OF:	
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG #: 20380	

REV #	DATE	DESCRIPTION OF REVISION	BY

TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
.X± 0.040  
.XX± 0.020  
.XXX± 0.010  
ANGLE± 1°

METRIC DIMENSIONS  
TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
.X± 0.60  
.XX± 0.30  
ANGLE± 1°

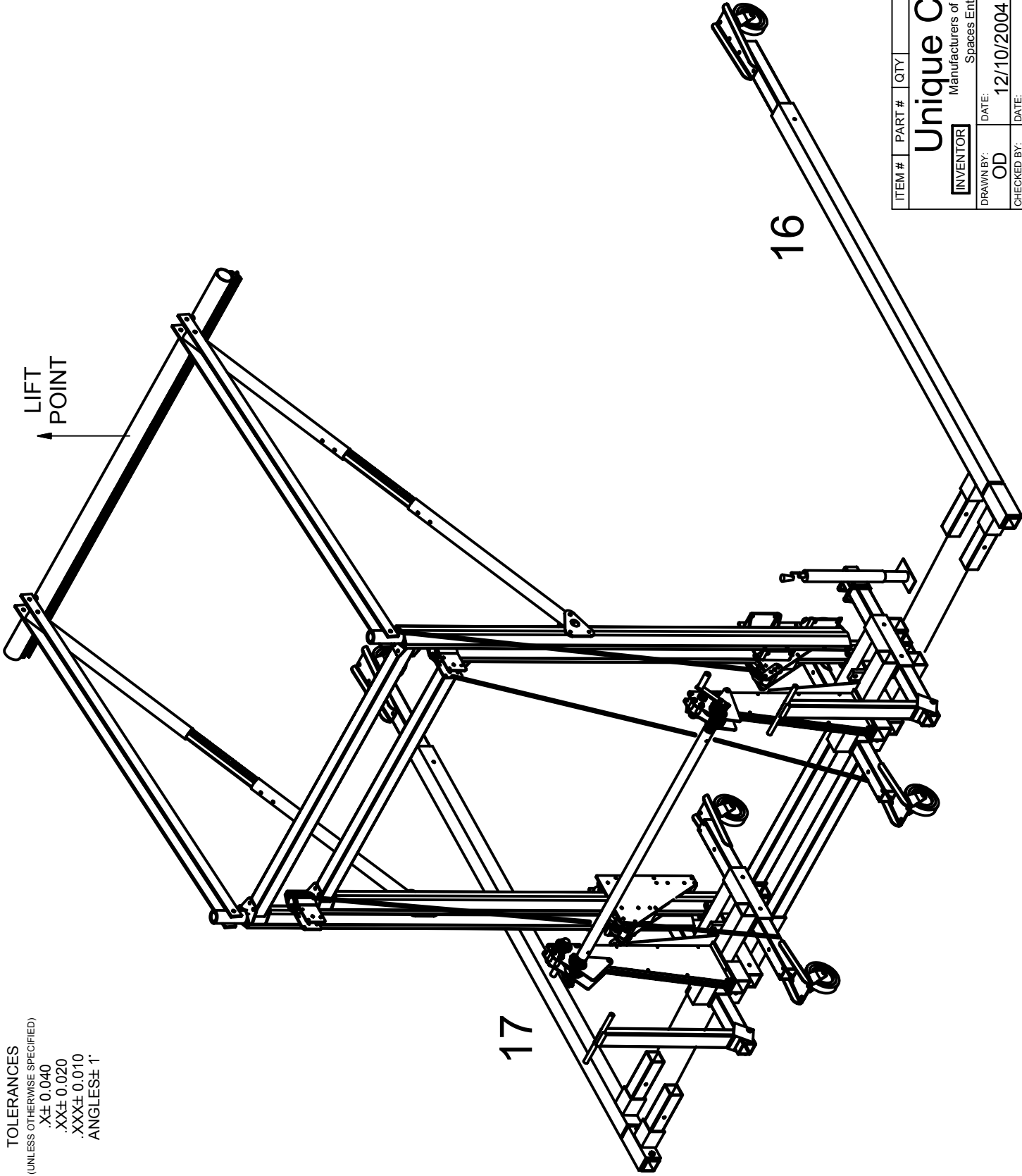


ITEM #	PART #	QTY	DESCRIPTION
<b>Unique Concepts Ltd.</b> Manufacturers of Industry Standard Confined Spaces Entry / Retrieval Systems			
DRAWN BY: OD		DATE: 12/10/2004	DIMENSIONS: INCHES (mm)
CHECKED BY:		DATE:	APPROVED BY:
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG SIZE A	REV # 00
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG #	20380

REV #	DATE	DESCRIPTION OF REVISION	BY

TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
.X± 0.040  
.XX± 0.020  
.XXX± 0.010  
ANGLES± 1°

METRIC DIMENSIONS  
TOLERANCES  
(UNLESS OTHERWISE SPECIFIED)  
.X± 0.60  
.XX± 0.30  
ANGLES± 1°



ITEM #	PART #	QTY	DESCRIPTION
<b>Unique Concepts Ltd.</b> Manufacturers of Industry Standard Confined Spaces Entry / Retrieval Systems			
INVENTOR		DATE: 12/10/2004	DIMENSIONS: INCHES (mm)
DRAWN BY: OD	CHECKED BY:	APPROVED BY:	SCALE:
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG SIZE: A	REV #: 00
FREE STANDING HORIZONTAL RIGID RAIL SYSTEM		DWG #: 20380	SHEET: 1 OF: 1

REV #	DATE	DESCRIPTION OF REVISION	BY





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