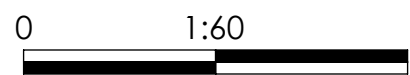


SPECIFICATIONS	
LIFT PLATFORM DIMENSIONS:	181" W x 218"L
LIFT PLATFORM SPEED:	80in/min (108 sec for 144")
LIFT PLATFORM TRAVEL:	144"
TURNTABLE DIAMETER:	177" , [4500mm]
ROTATIONAL SPEED:	CW/CCW 0.5-1.0 RPM
LIFT CAPACITY:	6,000 LBS
STATIC CAPACITY:	12,000 LBS
TURNTABLE MOTOR AND DRIVE:	NORD 1.0 HP 230V/3Φ/60Hz @ 2.9 FLA
HYDRAULIC POWER UNIT	NORD 7.5 HP/3Ø/60Hz @ 21.6 FLA 10 GPM, 30 GAL RESERVOIR



UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES

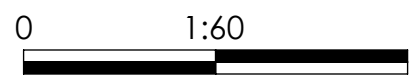
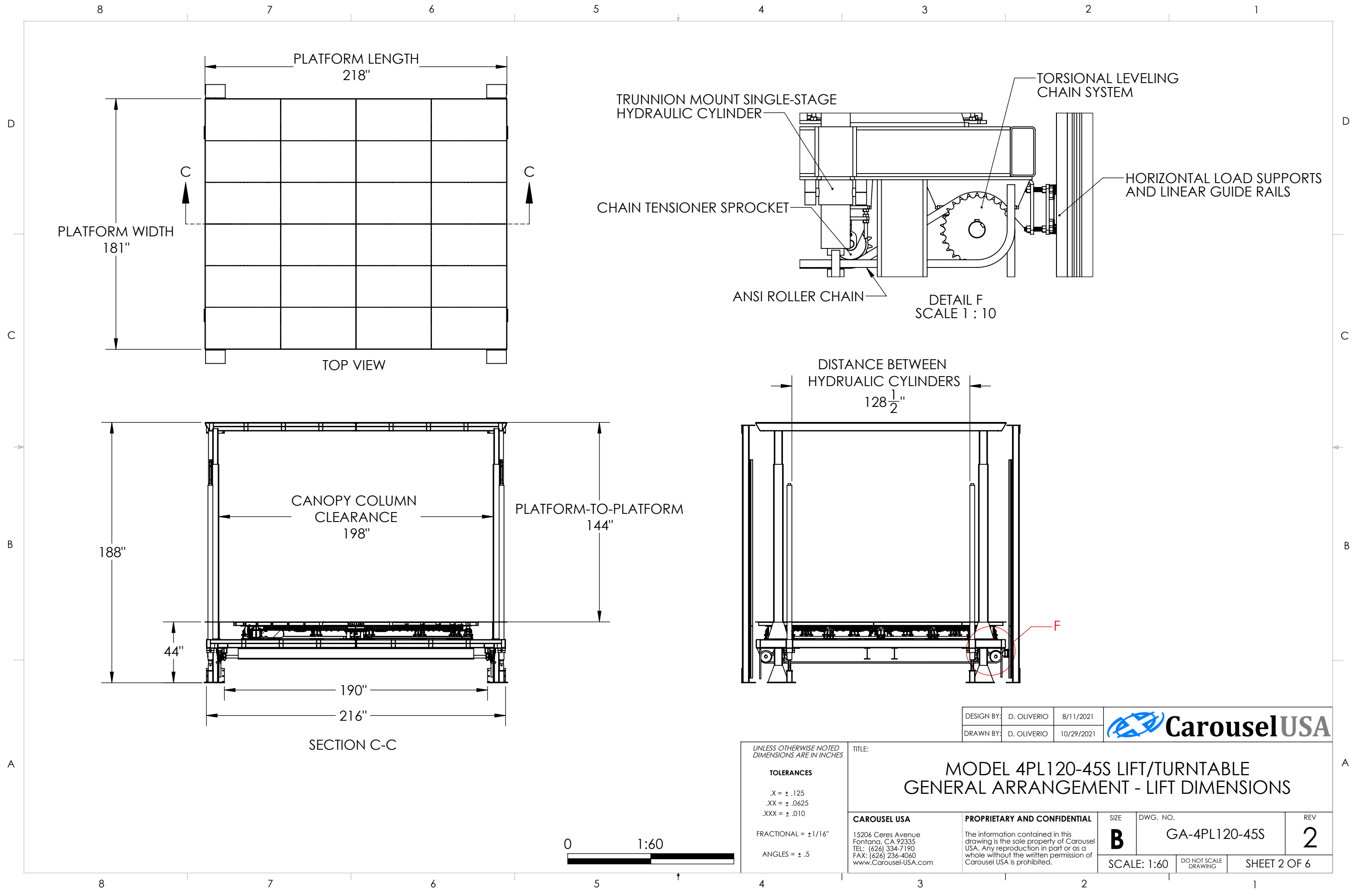
TOLERANCES

.X = ± .125
.XX = ± .0625
.XXX = ± .010

FRACTIONAL = ± 1/16"

ANGLES = ± .5

DESIGN BY:	D. OLIVERIO	8/11/2021	CarouselUSA		
DRAWN BY:	D. OLIVERIO	10/29/2021			
TITLE: MODEL 4PL120-45S LIFT/TURNTABLE GENERAL ARRANGEMENT - OVERVIEW					
CAROUSEL USA 15206 Ceres Avenue Fontana, CA 92335 TEL: (626) 334-7190 FAX: (626) 236-4060 www.Carousel-USA.com		PROPRIETARY AND CONFIDENTIAL The information contained in this drawing is the sole property of Carousel USA. Any reproduction in part or as a whole without the written permission of Carousel USA is prohibited.		SIZE B	DWG. NO. GA-4PL120-45S
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DIMENSIONS ARE IN INCHES

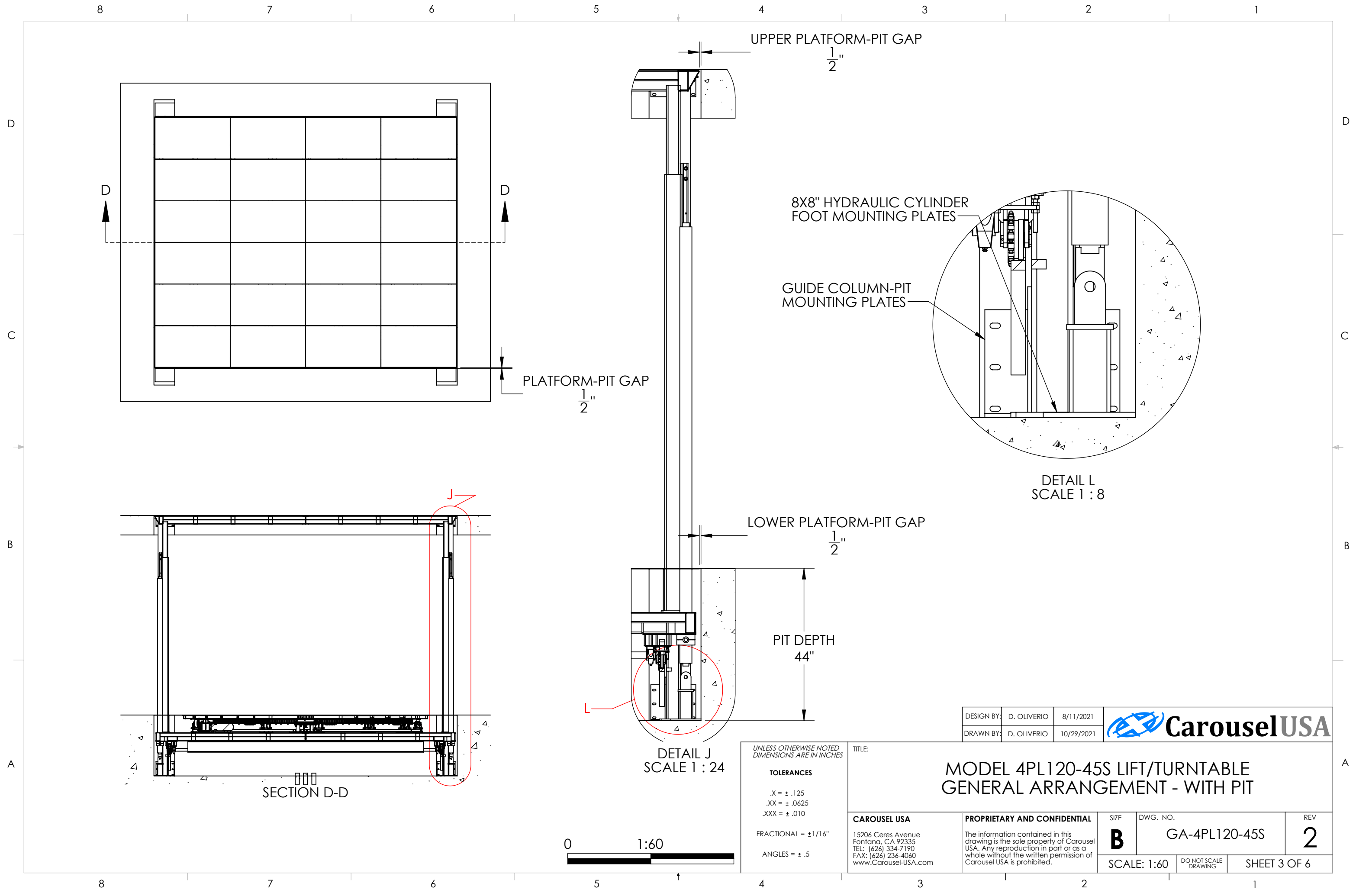
TOLERANCES

.X = ± .125
.XX = ± .0625
.XXX = ± .010

FRACTIONAL = ± 1/16"

ANGLES = ± .5

TITLE:				
MODEL 4PL120-45S LIFT/TURNTABLE GENERAL ARRANGEMENT - LIFT DIMENSIONS				
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UPPER PLATFORM-PIT GAP

$\frac{1}{2}$ "

8X8" HYDRAULIC CYLINDER
FOOT MOUNTING PLATES

GUIDE COLUMN-PIT
MOUNTING PLATES

DETAIL L
SCALE 1 : 8

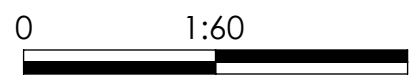
LOWER PLATFORM-PIT GAP

$\frac{1}{2}$ "

PIT DEPTH
44"

DETAIL J
SCALE 1 : 24

SECTION D-D



UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES

TOLERANCES

.X = $\pm .125$
.XX = $\pm .0625$
.XXX = $\pm .010$

FRACTIONAL = $\pm 1/16$ "

ANGLES = $\pm .5$

TITLE:

MODEL 4PL120-45S LIFT/TURNTABLE
GENERAL ARRANGEMENT - WITH PIT

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SIZE

B

DWG. NO.

GA-4PL120-45S

REV

2

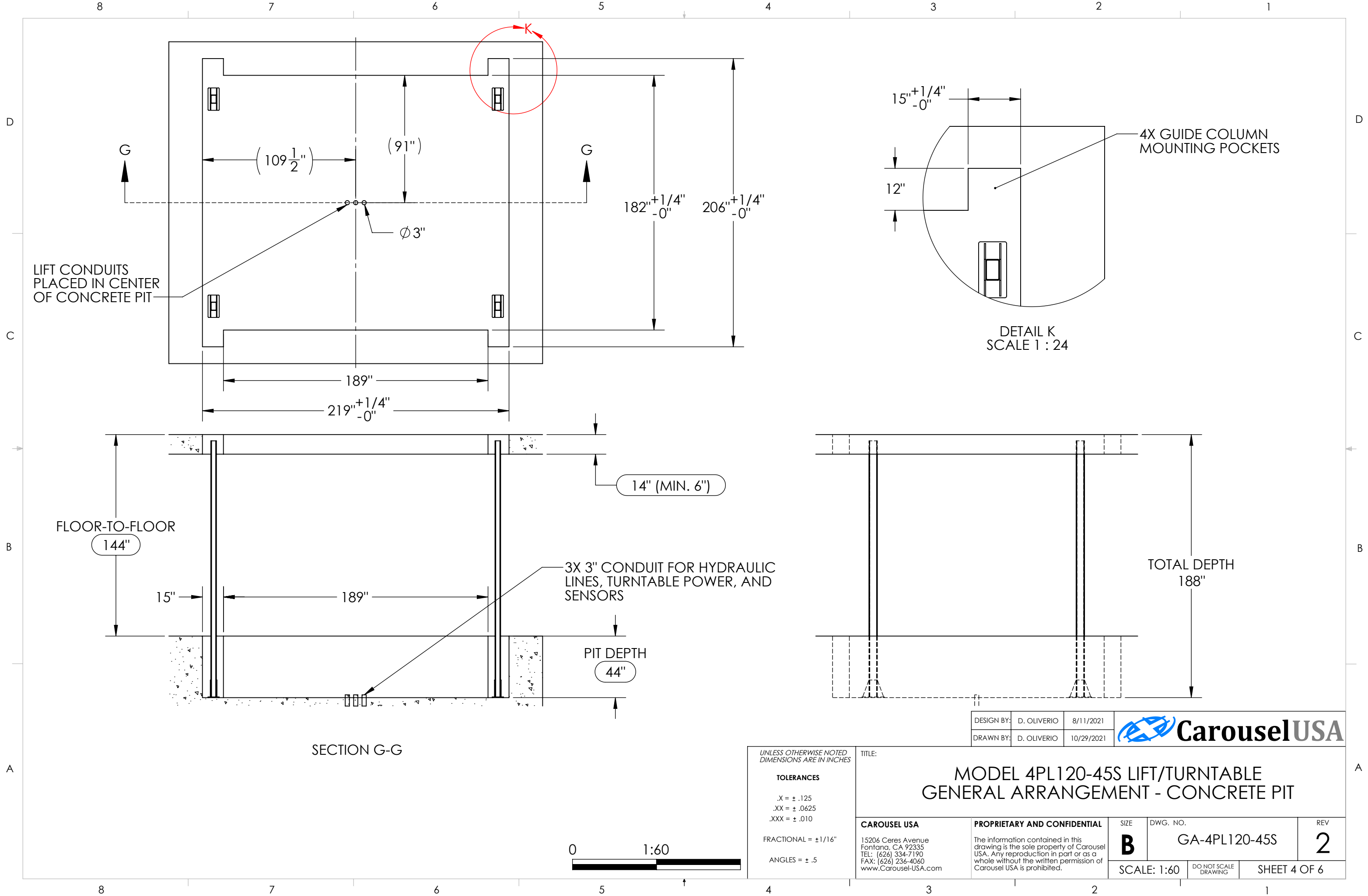
SCALE: 1:60

DO NOT SCALE
DRAWING

SHEET 3 OF 6



DESIGN BY:	D. OLIVERIO	8/11/2021
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LIFT CONDUITS
PLACED IN CENTER
OF CONCRETE PIT

4X GUIDE COLUMN
MOUNTING POCKETS

DETAIL K
SCALE 1 : 24

SECTION G-G

MODEL 4PL120-45S LIFT/TURNTABLE
GENERAL ARRANGEMENT - CONCRETE PIT



DESIGN BY:	D. OLIVERIO	8/11/2021
DRAWN BY:	D. OLIVERIO	10/29/2021

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SIZE

B

DWG. NO.

GA-4PL120-45S

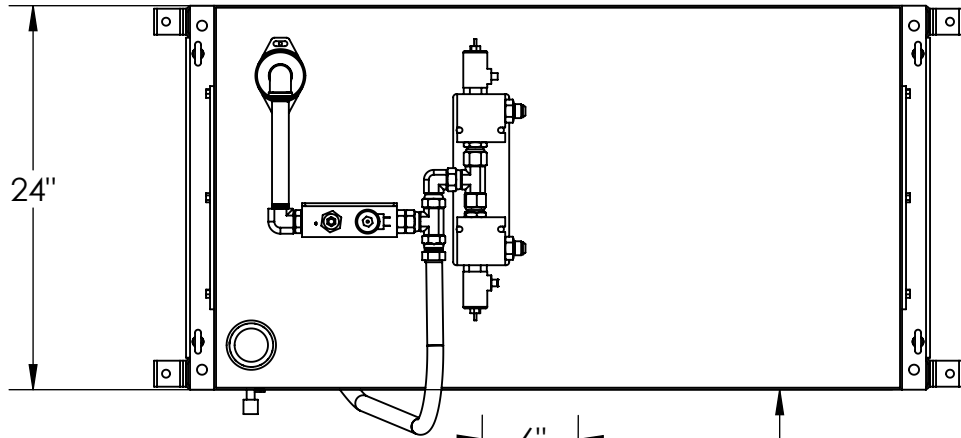
REV

2

SCALE: 1:60

DO NOT SCALE
DRAWING

SHEET 4 OF 6

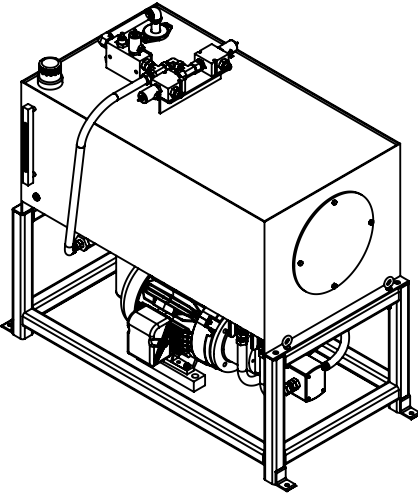


CONDUIT TO CONTROL BOX
PER LOCAL CODE
(TYPICAL 3/4")

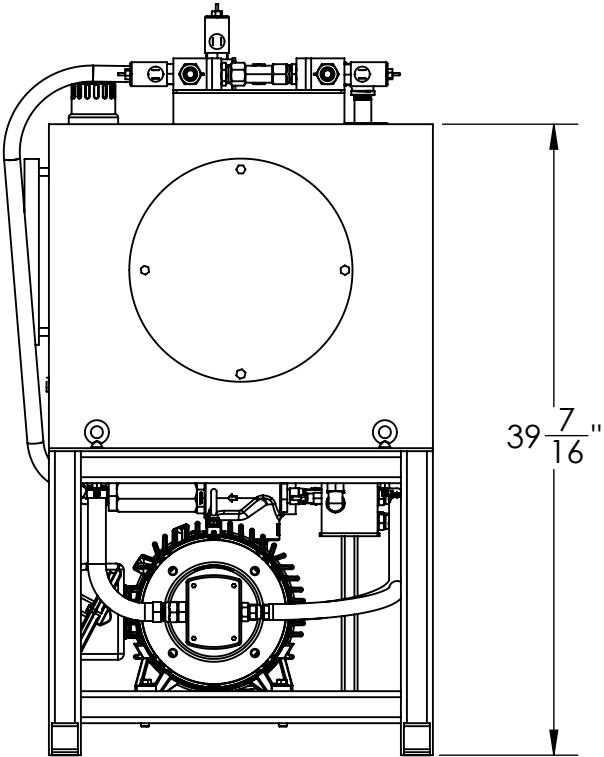
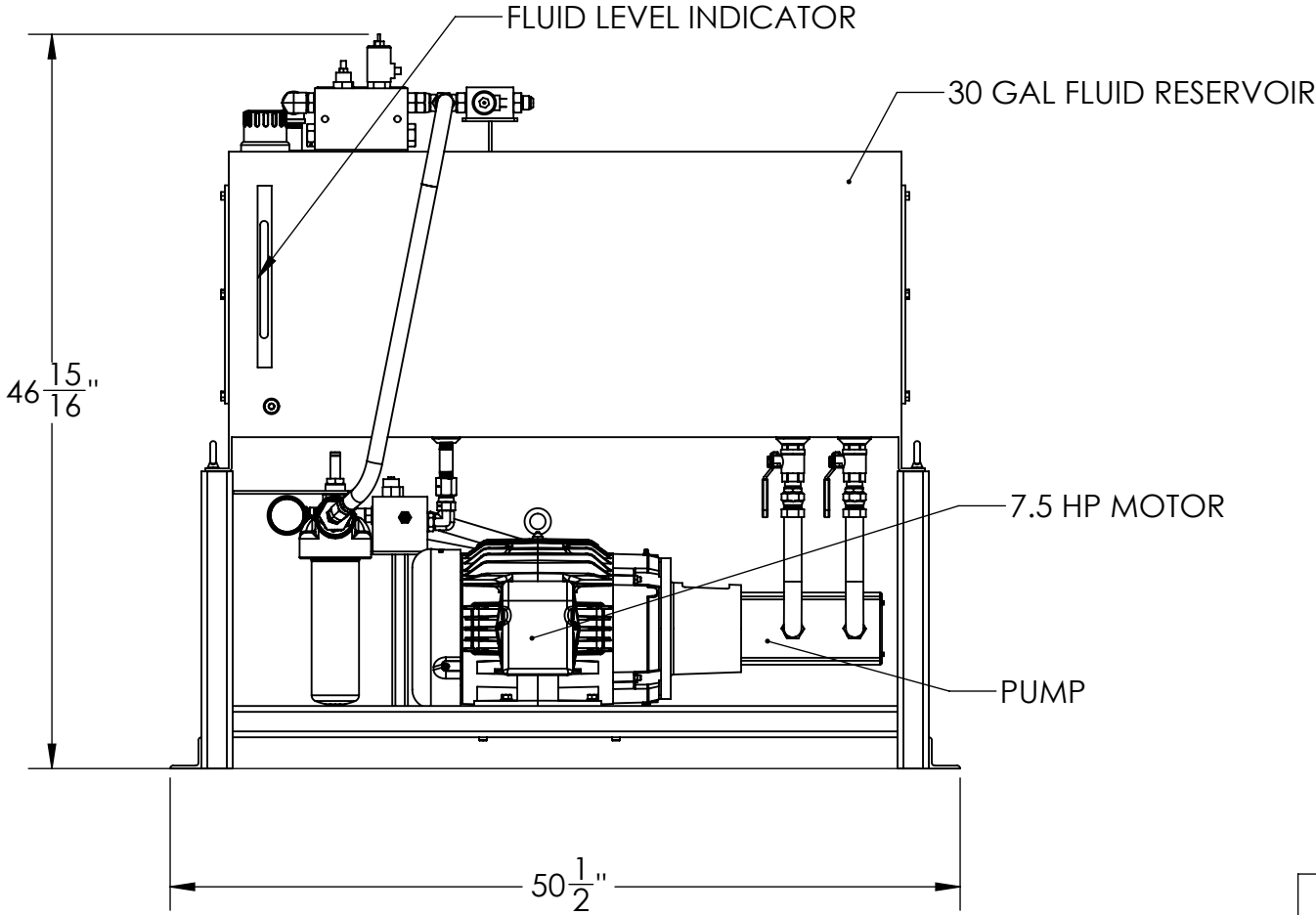
3" CONDUIT FOR
HYDRAULIC LINES TO PIT

6" 6" $\phi 3"$

NOTE: CONDUITS CAN BE PLACED ON ANY SIDE OF
HPU AS LONG AS 6" OF CLEARANCE IS MAINTAINED



SCALE 1:24



DESIGN BY:	D. OLIVERIO	8/11/2021	
DRAWN BY:	D. OLIVERIO	10/29/2021	

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DIMENSIONS ARE IN INCHES

TOLERANCES

.X = ± .125
.XX = ± .0625
.XXX = ± .010

FRACTIONAL = ± 1/16"

ANGLES = ± .5

TITLE:

**MODEL 4PL120-45S LIFT/TURNTABLE
HYDRAULIC POWER UNIT**

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SCALE: 1:12		DO NOT SCALE DRAWING	SHEET 5 OF 6	

