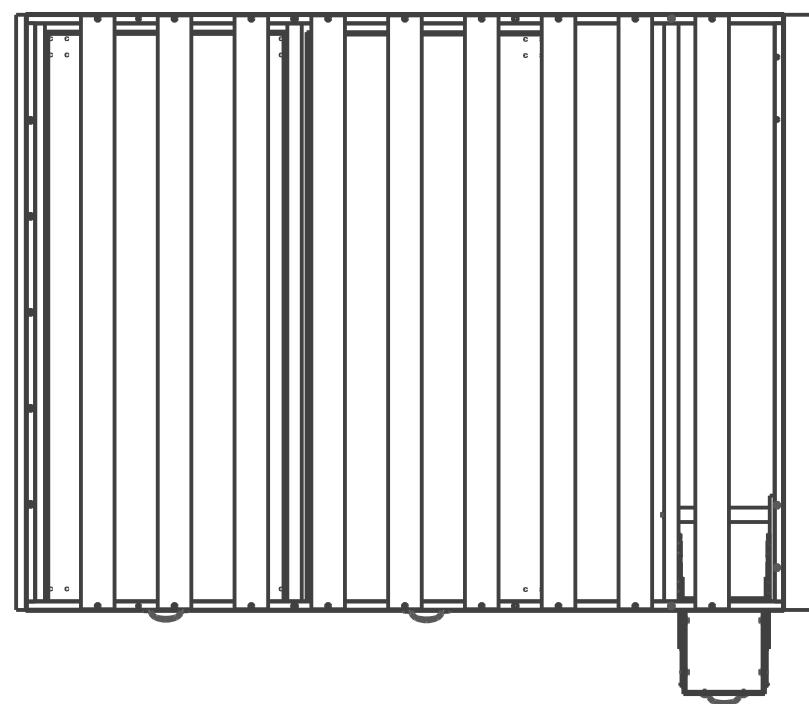
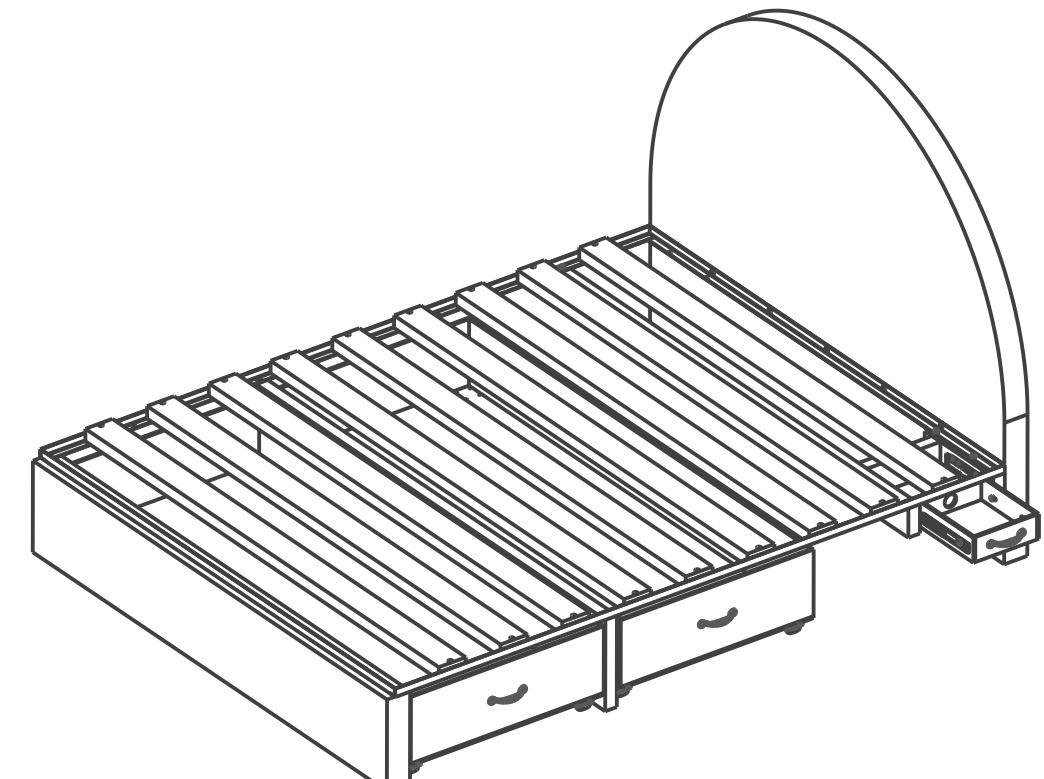


FRONT



TOP

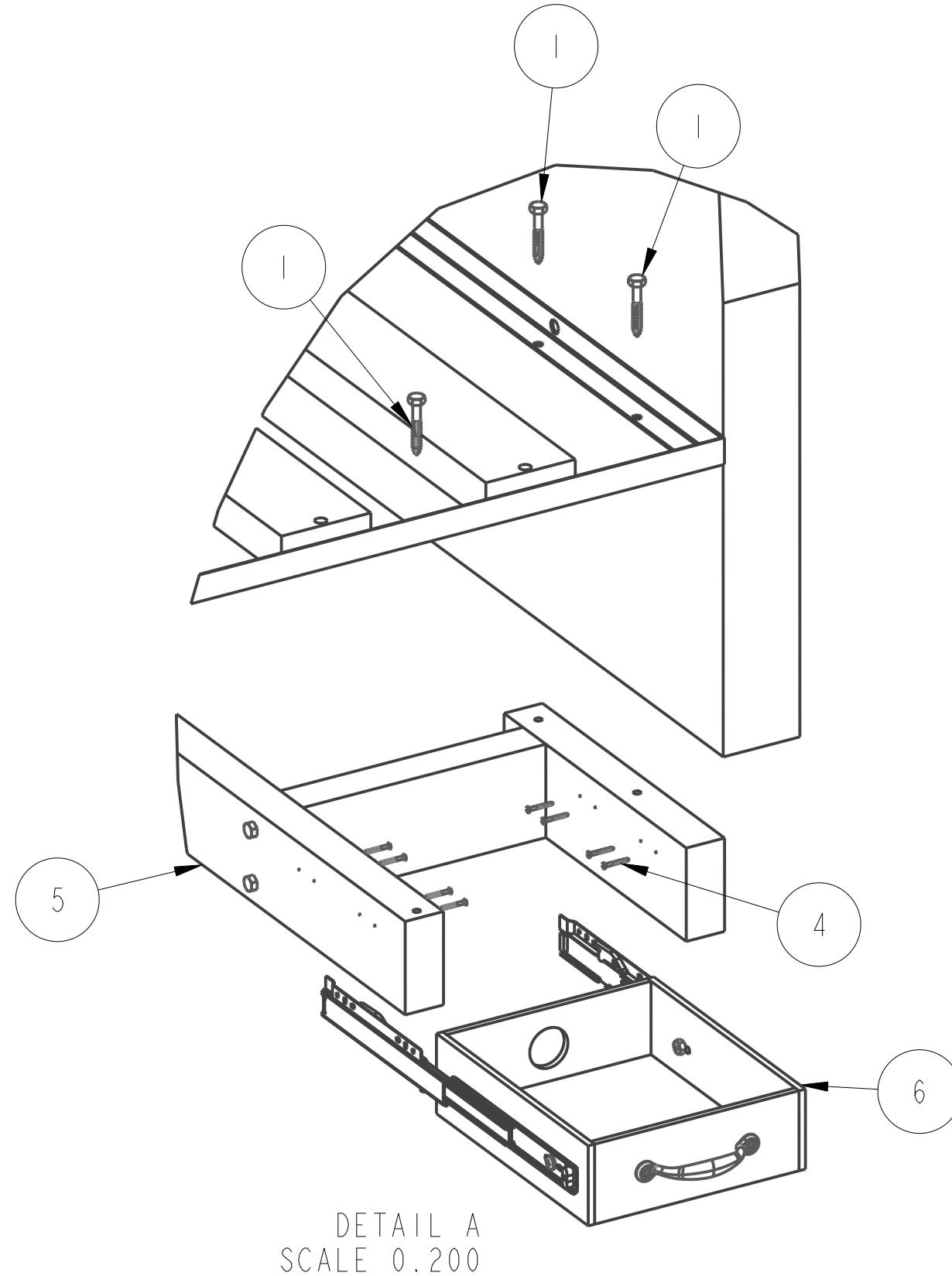


ISOMETRIC

MATERIAL: VARIES
WEIGHT : 333 #

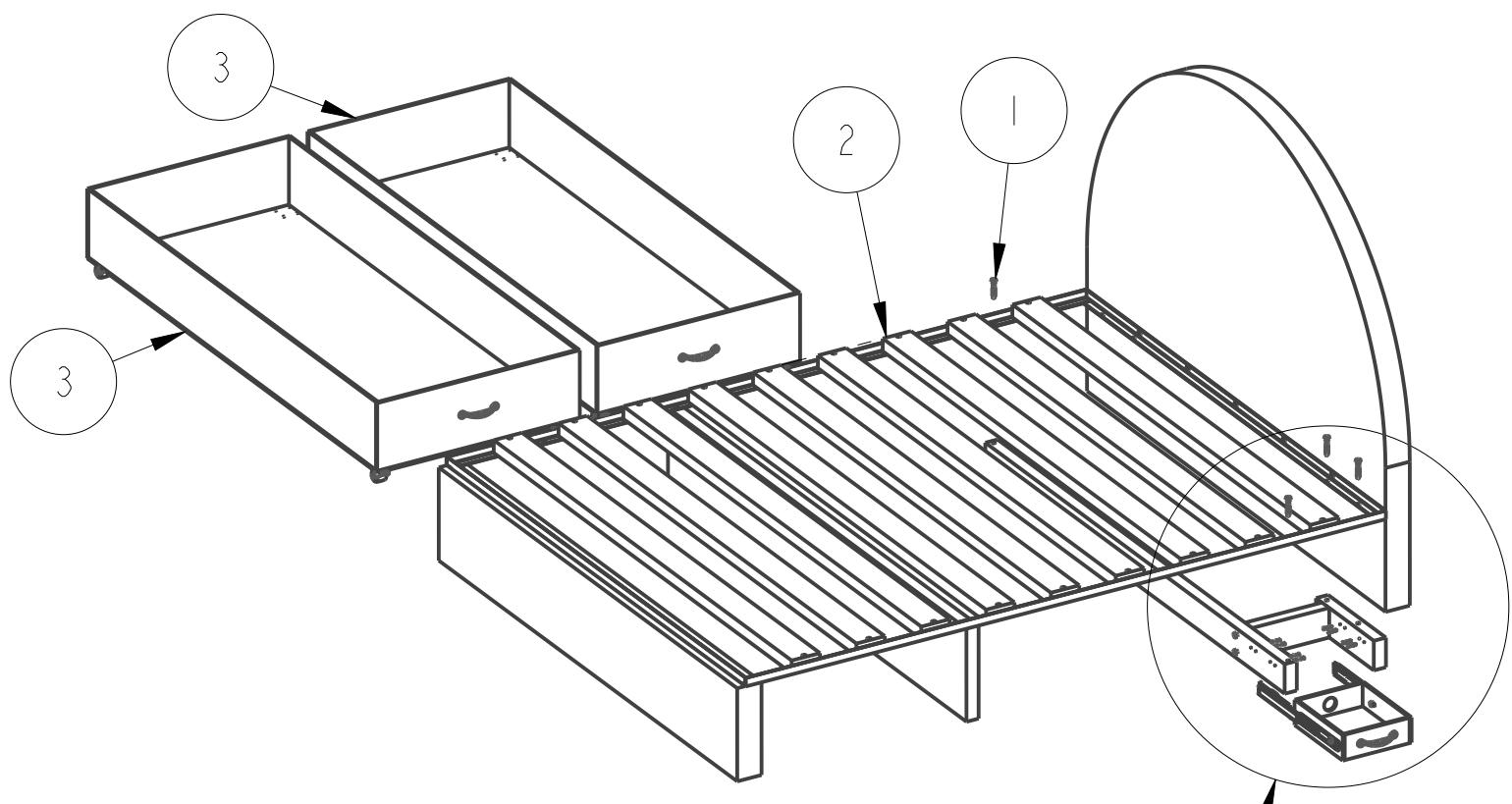
U T D
MECH 3305
OW1 & OW2
SPRING 2021
SCALE: 0.050
UNITS: INCH

THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME: BED_FRAME
DWG TITLE: ASSY_BED_FRAME
DOC #: ASSY_BED_FRAME
DATE: 4/22/2021
REV: 0
BY: JN
APPROVED: JD



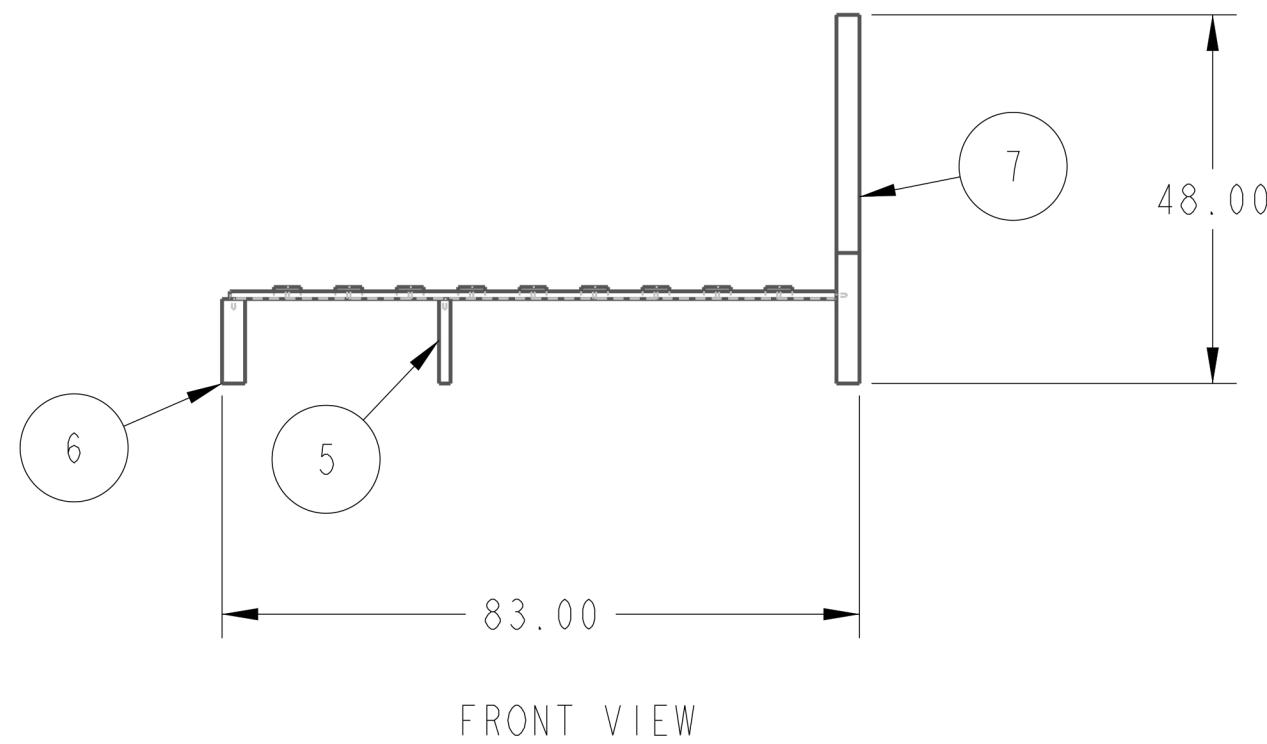
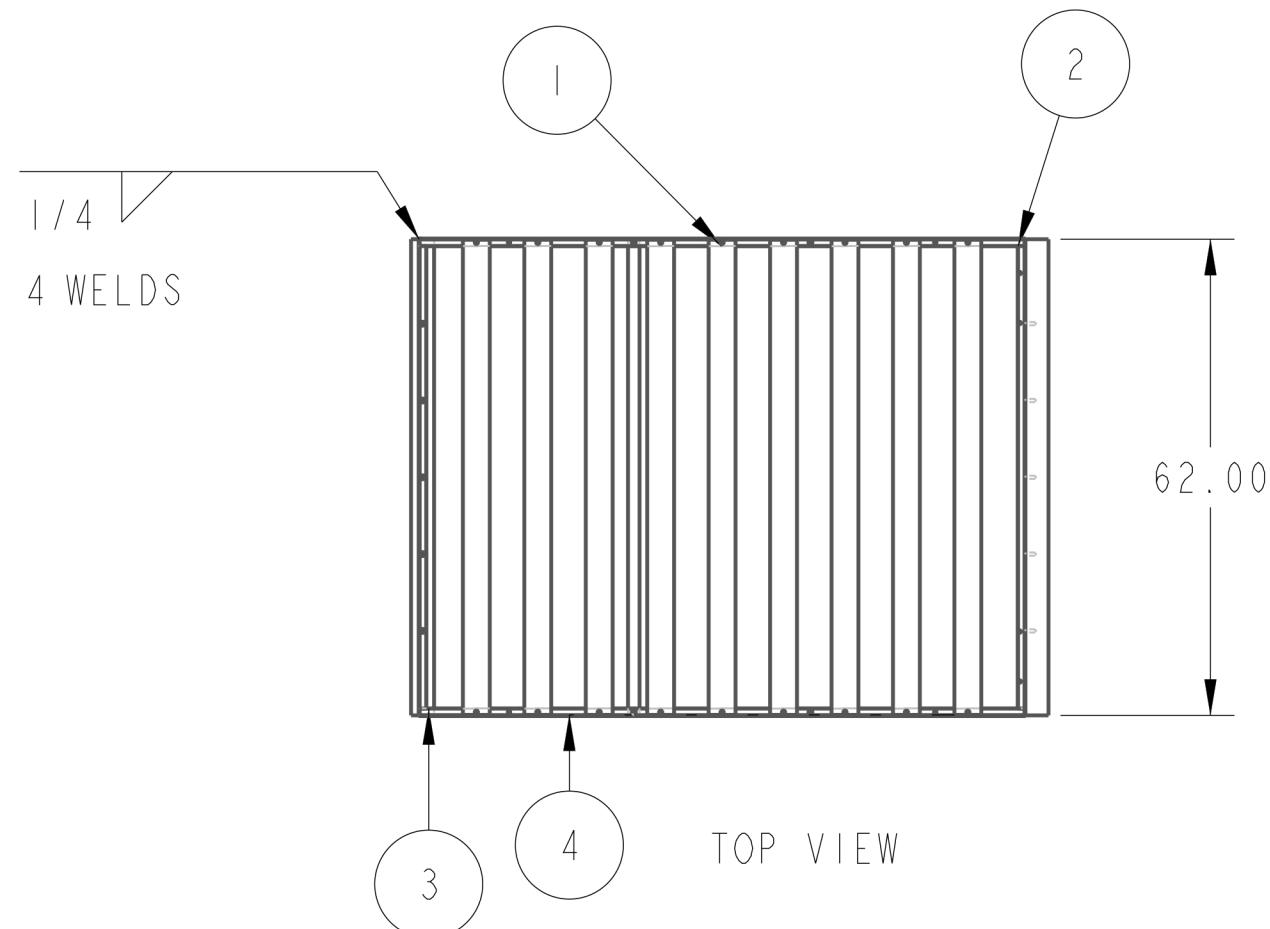
MATERIAL: VARIES
WEIGHT : 333 #

PART	QTY	UNIT	DESCRIPTION
1	4	PART	92351A591_HEX_HEAD_SCREWS
2	1	ASSEMBLY	BEDFRAMESUBASSY
3	2	ASSEMBLY	LARGE_DRAWER
4	8	PART	90006A115_FLAT_HEAD_SCREW
5	1	ASSEMBLY	SMALL_DRAWER_SUPPORT_SUBASSY
6	1	ASSEMBLY	SMALLDRAWER



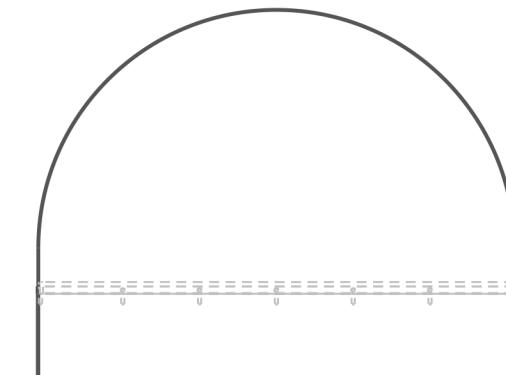
NOTE:
3) DRAWERS REST DIRECTLY ON FLOOR UNATTACHED TO
MAIN FRAME

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSITY OF TEXAS AT DALLAS
SCALE: 0.050	PROJECT NAME: BED_FRAME
UNITS: INCH	DWG TTLE: BED_FRAME_ASSY_EXPLODED
	DOC #: BED_FRAME_ASSY_EXPLODED
	DATE: 4/22/2021 REV: 0
	BY: JN APPROVED: JD



PART	QTY	UNIT	DESCRIPTION
1	2	PART	PRT_09_BRACKET_LONG
2	1	PART	PRT_10_BRACKET_FRAME_SHORT1
3	1	PART	PRT_23_BRACKET_SHORT2
4	9	PART	PRT_08_BED_SLAT
5	1	PART	PRT_22_DRAWER_DIV
6	1	PART	PRT_11_FOOTBOARD
7	1	PART	PRT_07_HEADBOARD

ANGLE BRACKETS ARE WELDED TOGETHER, THEN BED SLATS, HEADBOARD, FOOTBOARD, AND DRAWER DIVIDER WILL BE SCREWED IN TO THEIR RESPECTIVE PLACEMENTS USING MCMASTER 92949A716 HEX DRIVE SCREWS. PURCHASE A PACK OF 100 OR EQUIVALENT.

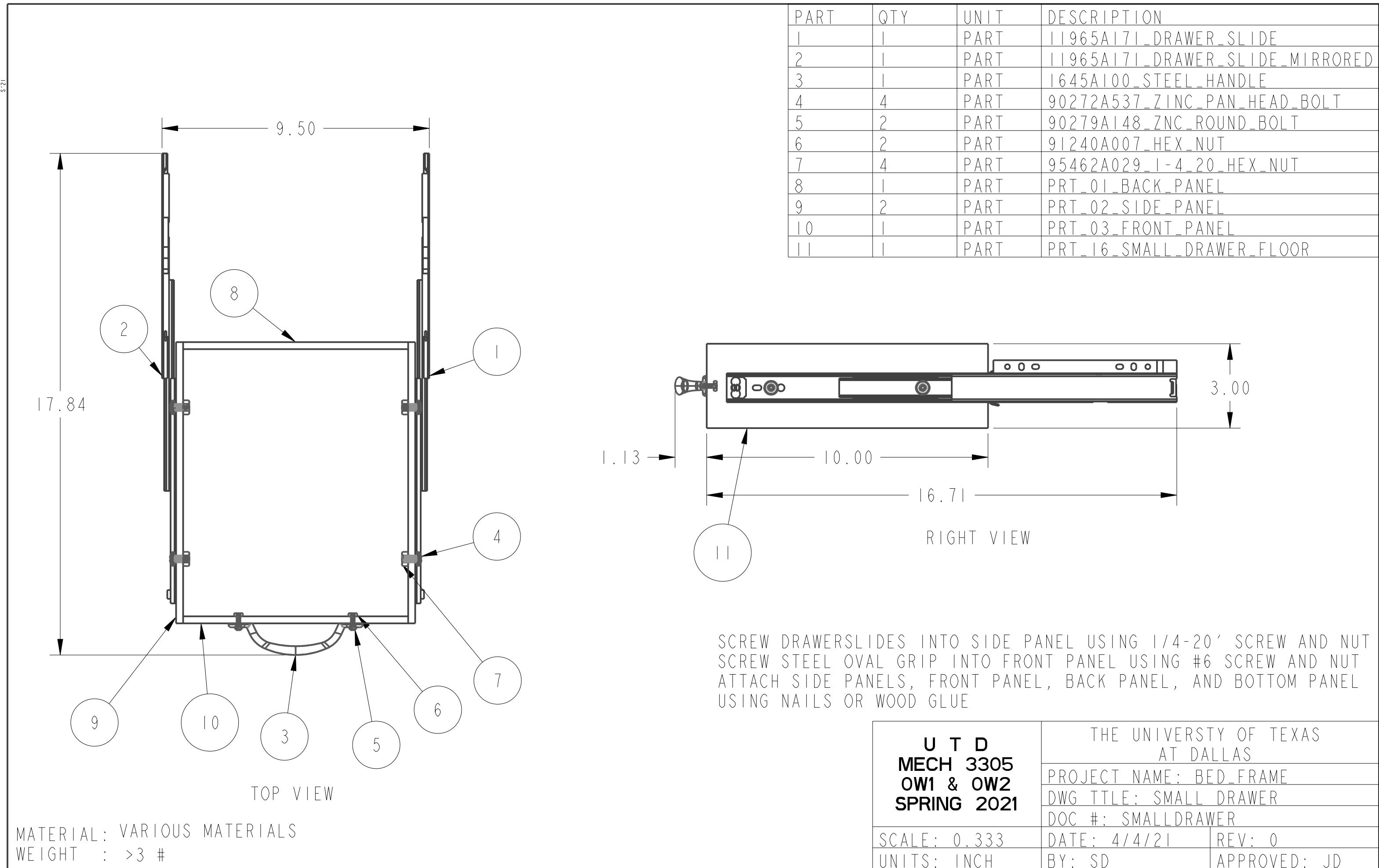


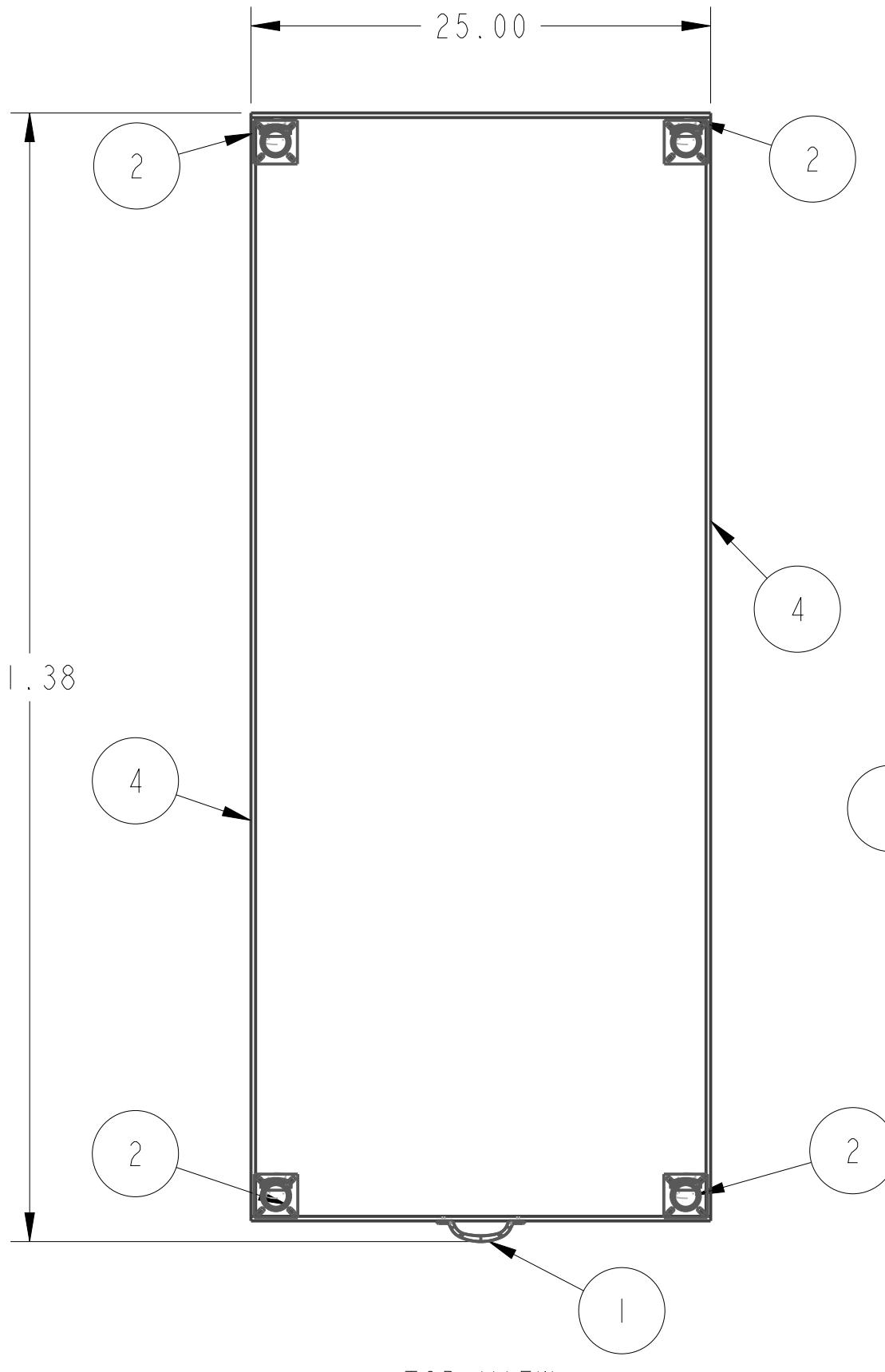
SIDE VIEW

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: VARIOUS (SPF WOOD, MAHOGANY WOOD, 6061 ALUMINUM)
WEIGHT : 298.34 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS PROJECT NAME: BED_FRAME DWG TTLE: SUBASSY_BED_FRAME DOC #: SUBASSY_BED_FRAME
SCALE: 0.040	DATE: 04/22/21 REV: 0
UNITS: INCH	BY: JD APPROVED: JD





MATERIAL: VARIOUS
WEIGHT : 12.16 #

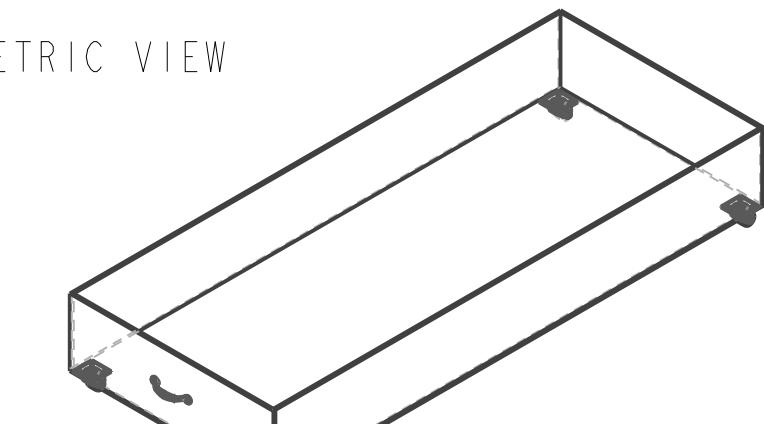
NOTES:
NAIL ALL MDF PANELS TOGETHER
WITH MCMASTER PART 97830A150.
SCREW MCMASTER PART 4778T51
AND MCMASTER PART 1645A100
USING MCMASTER PART 90006A115.



UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

PART	QTY	UNIT	DESCRIPTION
1	1	PART	1645A100_STEEL_HANDLE
2	4	PART	4778T51_SWIVEL_CASTER
3	1	PART	PRT_13_LARGE_DRAWER_FRONT_PANEL
4	2	PART	PRT_14_LARGE_DRAWER_SIDE_PANEL
5	1	PART	PRT_15_LARGE_DRAWER_FLOOR
6	1	PART	PRT_20_LARGE_DRAWER_BACK_PANEL

ISOMETRIC VIEW



SCALE 0.060

61.38

9.63

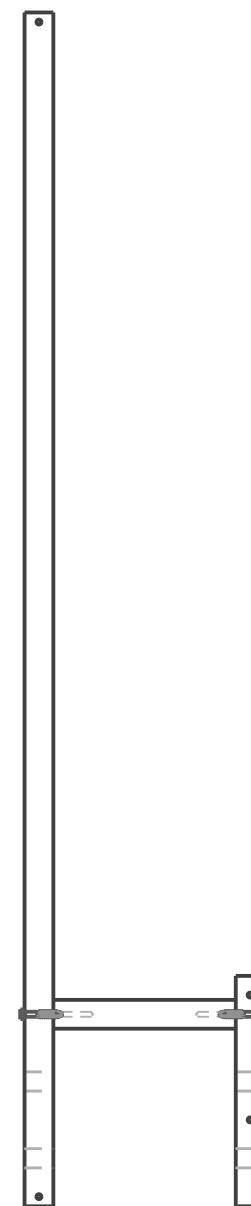
61.38

U T D
MECH 3305
OW1 & OW2
SPRING 2021

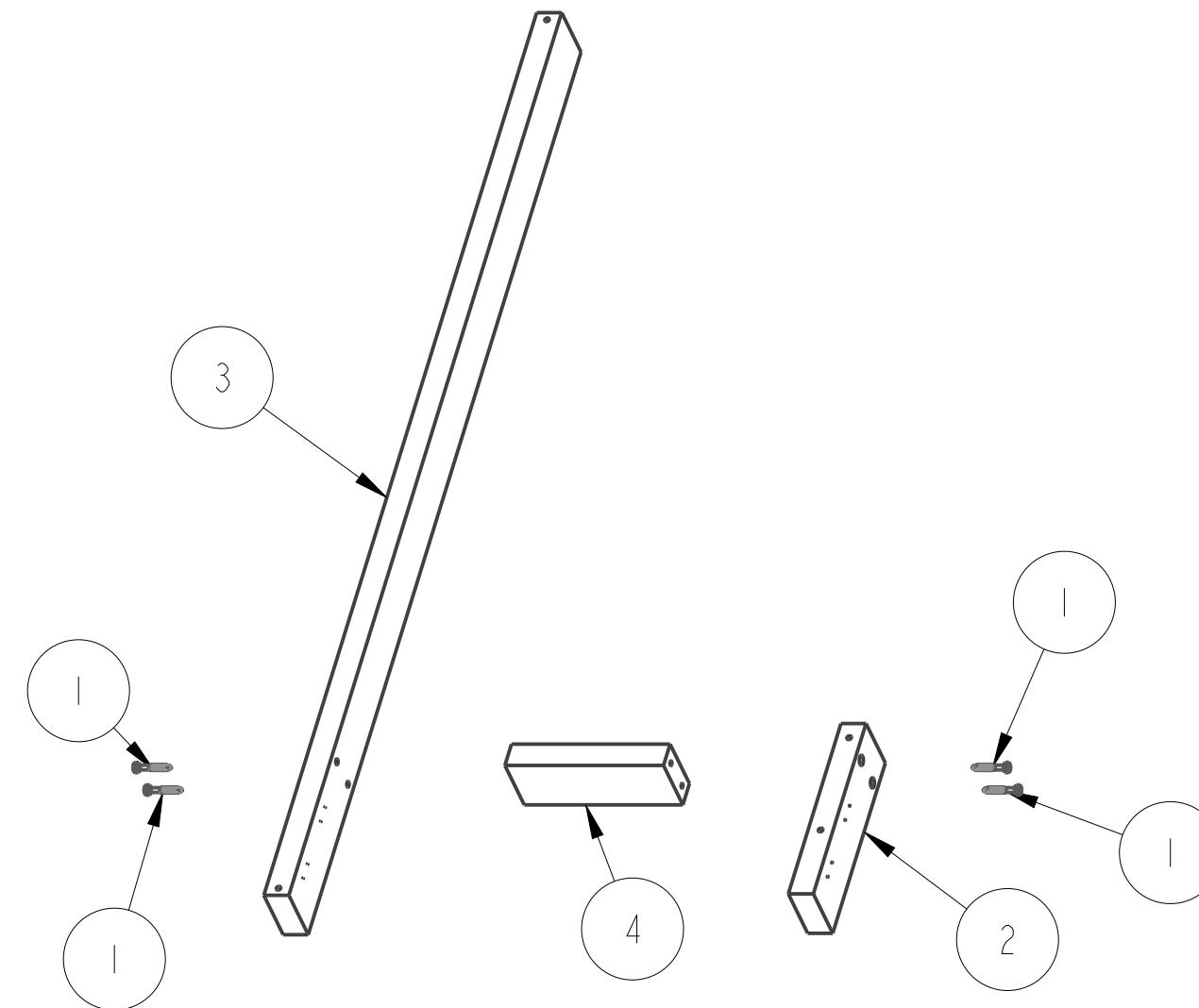
SCALE: 0.120
UNITS: INCH

THE UNIVERSTY OF TEXAS
AT DALLAS

PROJECT NAME: BED_FRAME	DATE: 04/14/21	REV: 0
DWG TITLE: SUBASSY_LARGE_DRAWER	BY: JP	APPROVED: JD
DOC #: SUBASSY_LARGE_DRAWER		



TOP VIEW



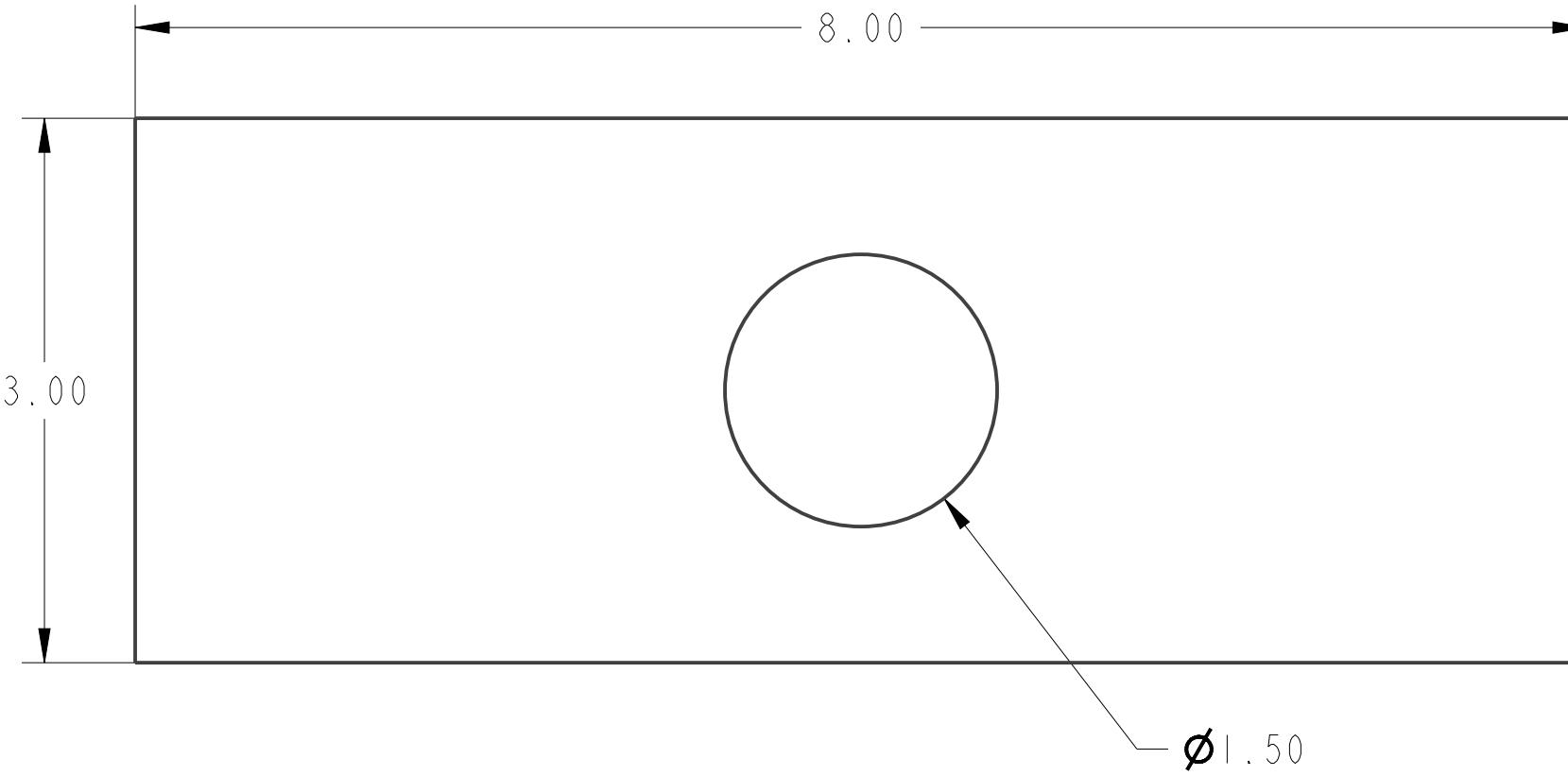
EXPLODED TOP VIEW

PART	QTY	UNIT	DESCRIPTION
1	4	PART	92351A591_HEX_HEAD_SCREWS_FOR_W
2	1	PART	PRT_17_RIGHT_SUPPORT_SMALL_DRAW
3	1	PART	PRT_18_LEFT_SUPPORT_SMALL_DRAWE
4	1	PART	PRT_19_BACK_SUPPORT_SMALL_DRAWE

MATERIAL: SOFTWOOD 2X4 LUMBER
WEIGHT : 7.4 #

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

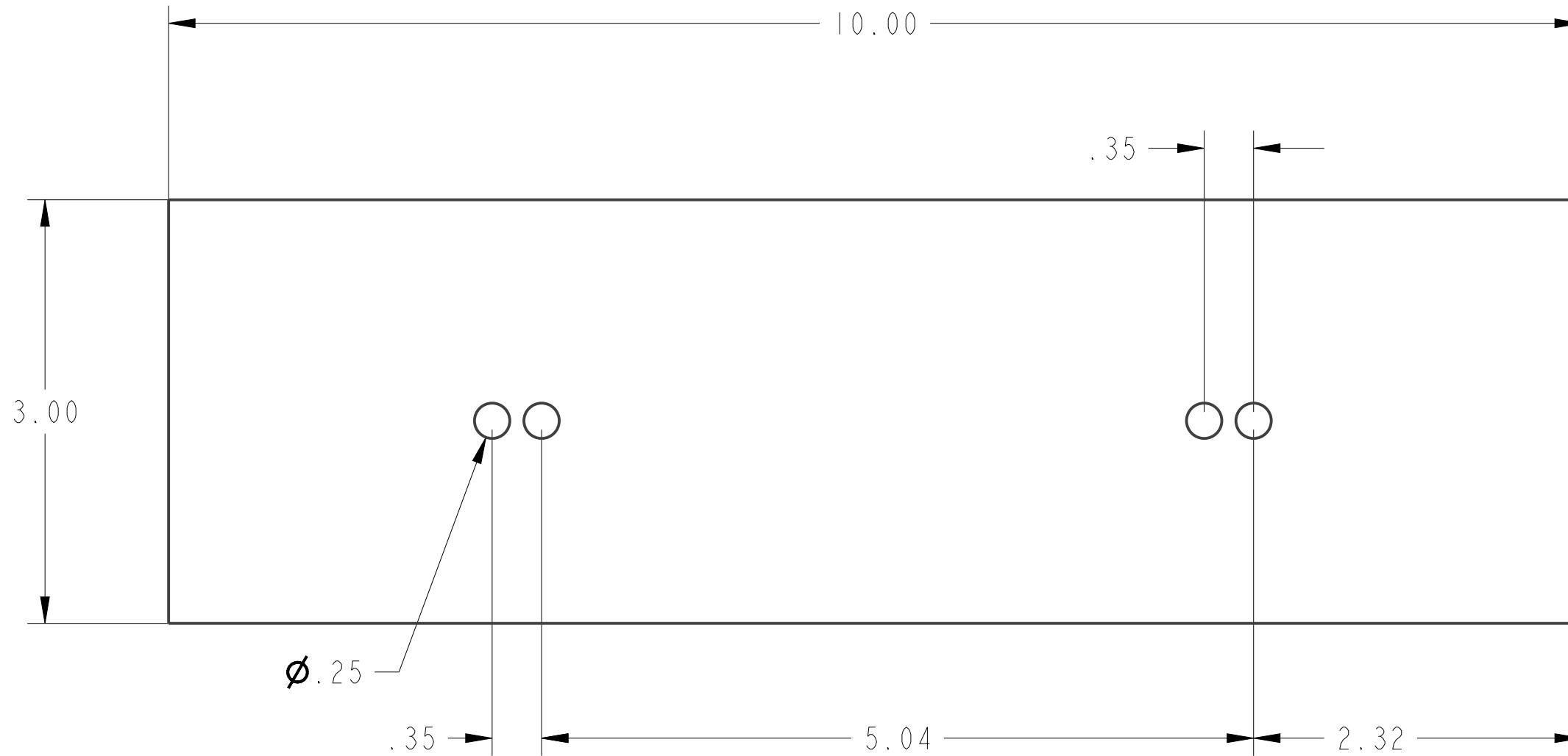
UTD MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS PROJECT NAME: BED FRAME DWG TTLE: SUBASSY_SMALL_DRAWER_SUPPORT DOC #: SUBASSY_SMALL_DRAWER_SUPPORT SCALE: 0.100 UNITS: INCH
	DATE: 4/14/2021 REV: 0 BY: JN APPROVED: JN



PART HAS 0.25 UNIFORM THICKNESS
UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: MDF
WEIGHT : 0.141 #

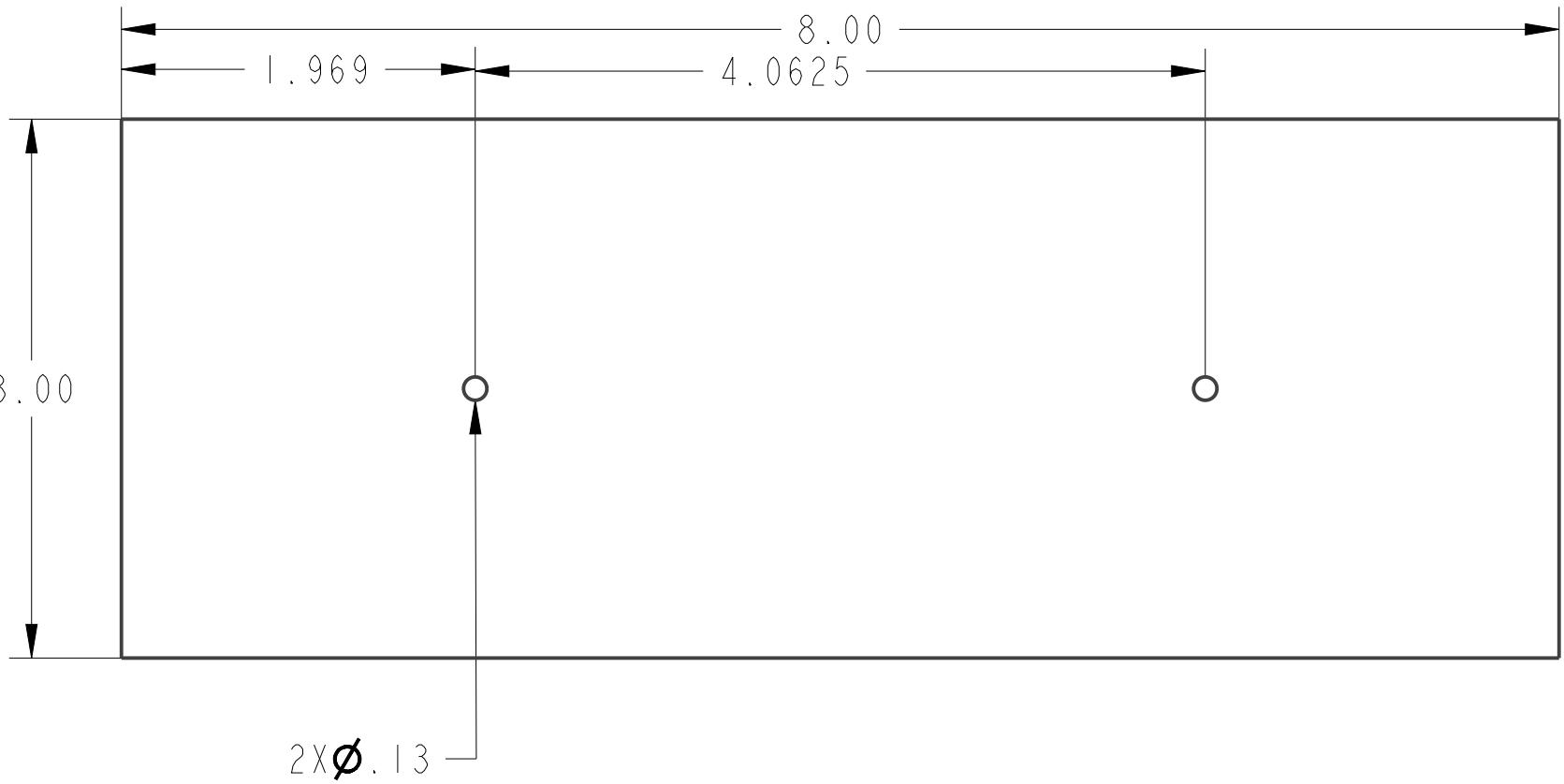
U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME:	BED_FRAME
DWG TITLE:	PRT_01_BACK_PANEL
DOC #:	PRT_01_BACK_PANEL
SCALE:	1.000
UNITS:	INCH
DATE:	4/4/21
REV:	0
BY:	SD
APPROVED:	JD



PART HAS 0.25 UNIFORM THICKNESS
UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: MDF
WEIGHT : 0.201 #

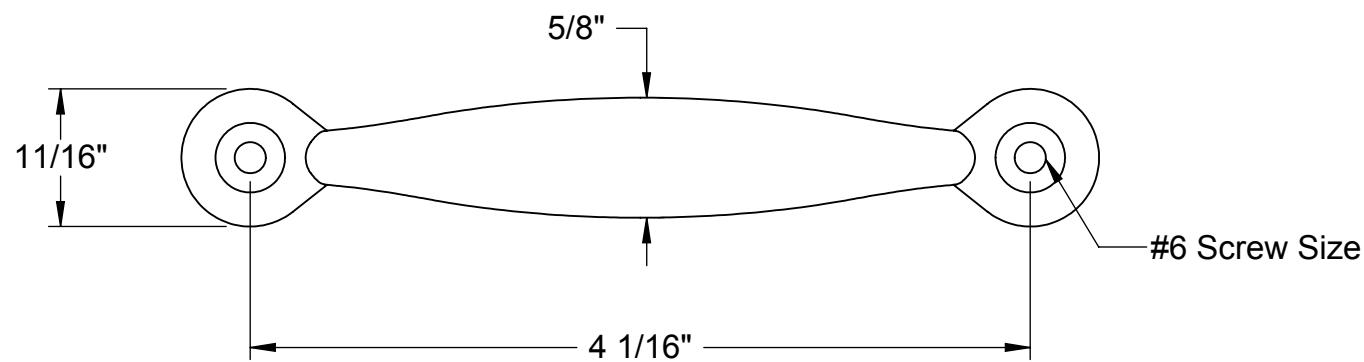
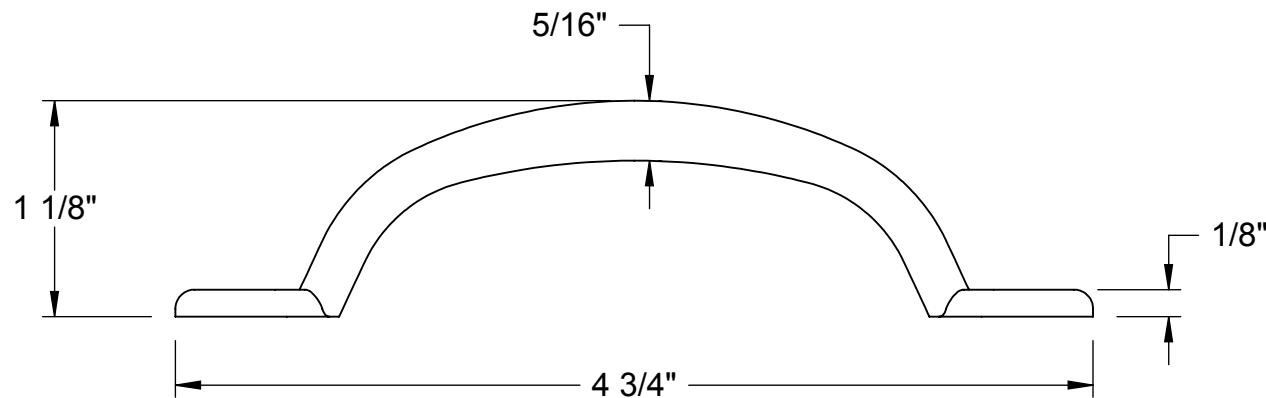
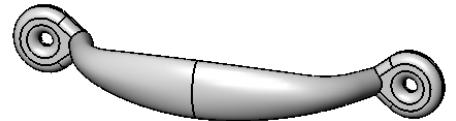
U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME: BED_FRAME	
DWG TITLE: PRT_02_SIDE_PANEL	
DOC #: PRT_02_SIDE_PANEL	
SCALE: 1.000	DATE: 4/4/21
UNITS: INCH	REV: 0
	BY: SD
	APPROVED: JD



PART HAS 0.25 UNIFORM THICKNESS
UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: MDF
WEIGHT : 0.161 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME: BED_FRAME	
DWG TITLE: PRT_03_FRONT_PANEL	
DOC #: PRT_03_FRONT_PANEL	
SCALE: 1.000	DATE: 4/4/21
UNITS: INCH	REV: 0
	BY: SD
	APPROVED: JD



McMASTER-CARR CAD

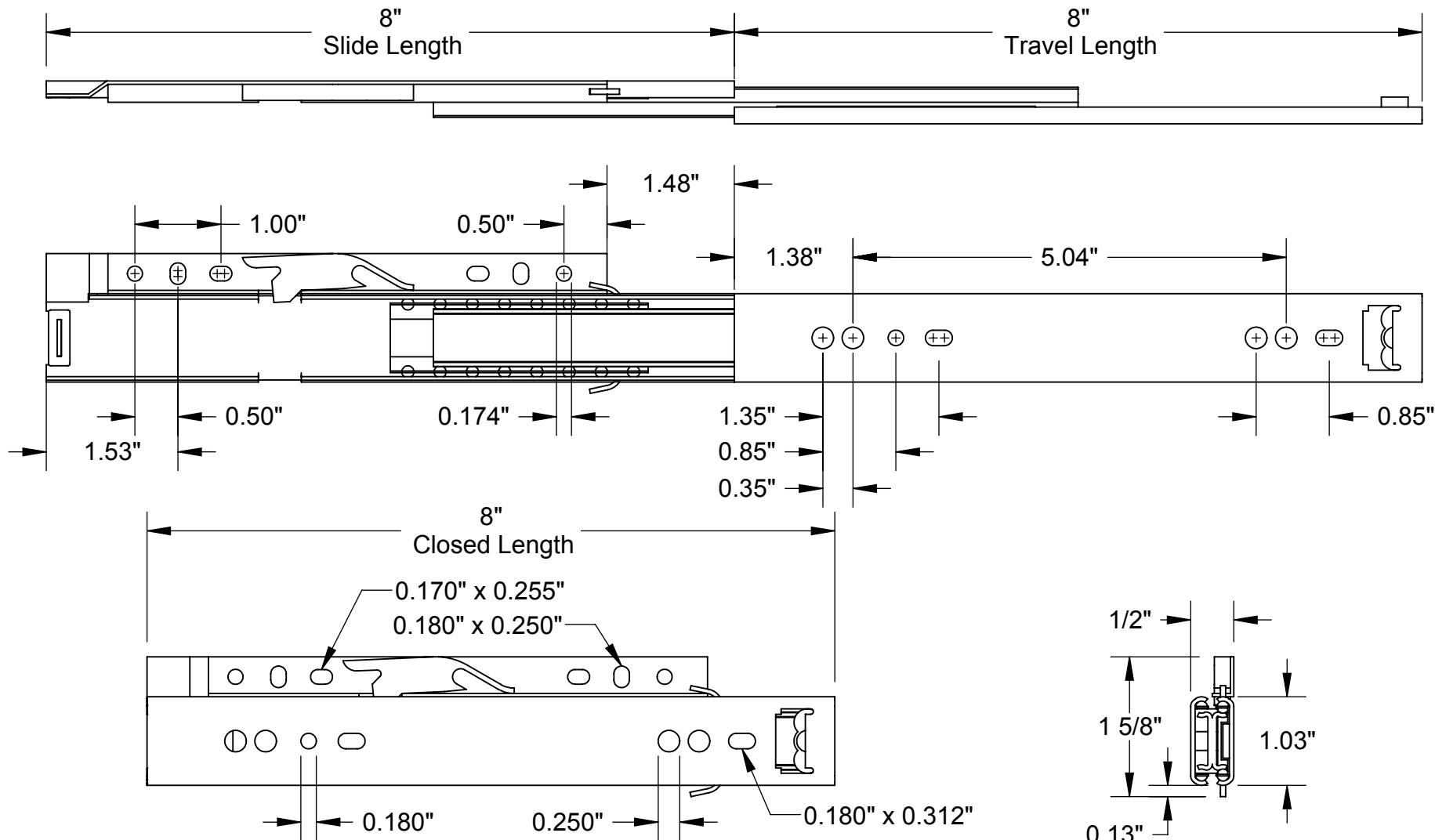
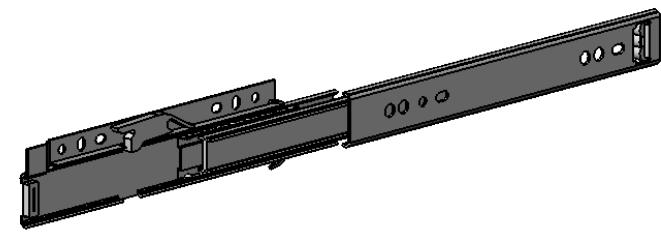
<http://www.mcmaster.com>
© 2012 McMaster-Carr Supply Company

Information in this drawing is provided for reference only.

PART
NUMBER

1645A1

Black Stamped Tubular Steel
Pull Handle



McMASTER-CARR CAD

<http://www.mcmaster.com>

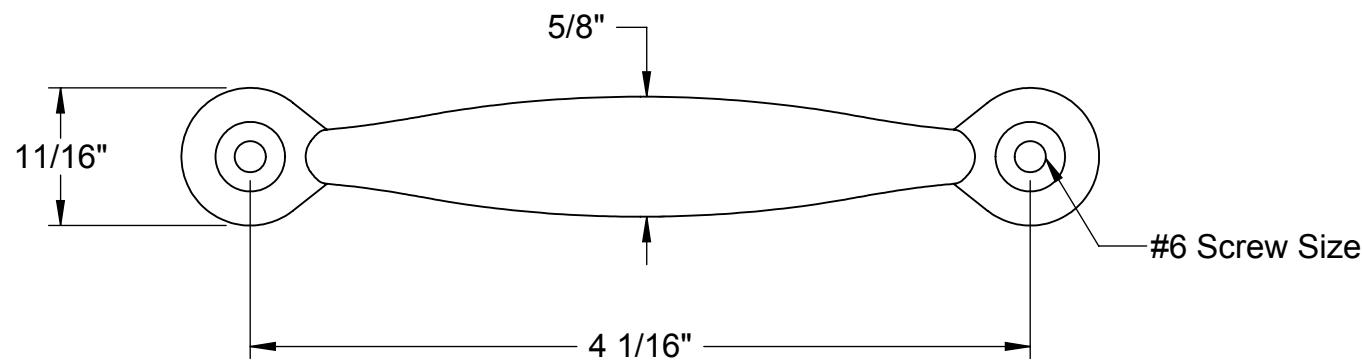
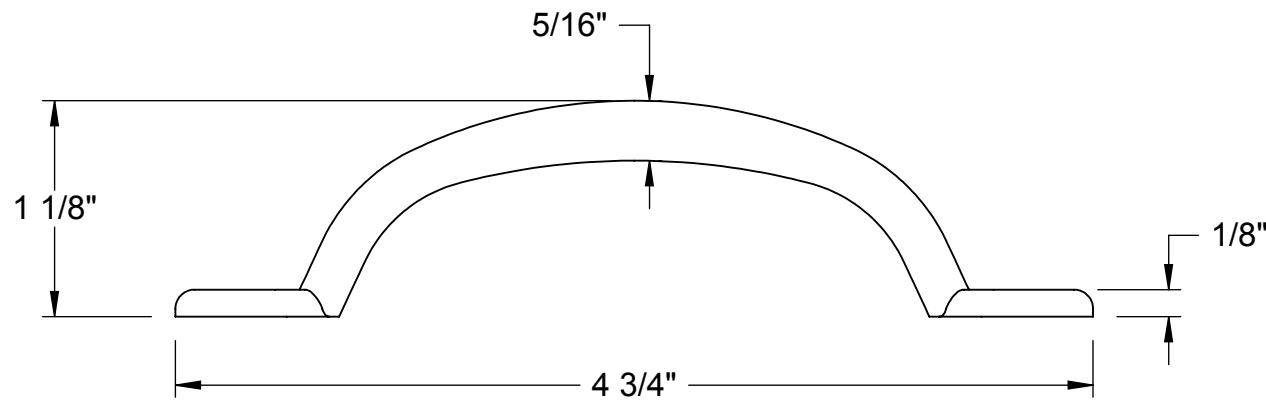
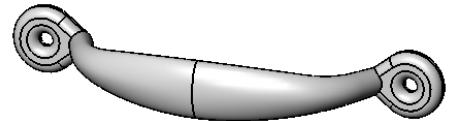
© 2013 McMaster-Carr Supply Company

Information in this drawing is provided for reference only.

PART
NUMBER

11965A171

Side-Mount
Drawer Slide



McMASTER-CARR CAD

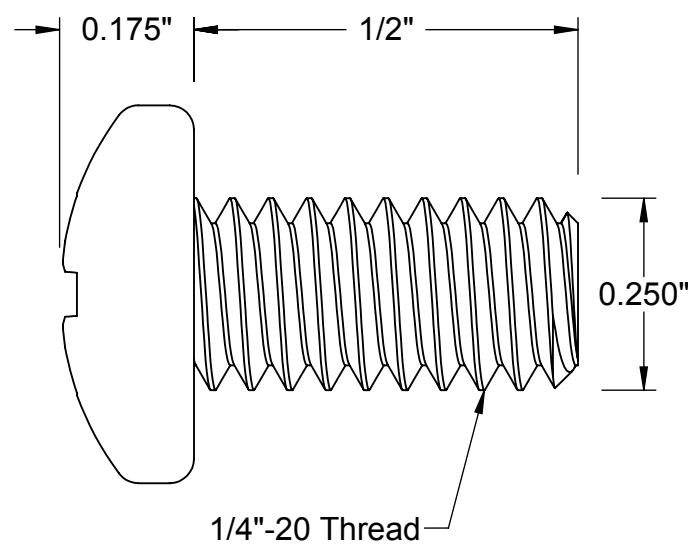
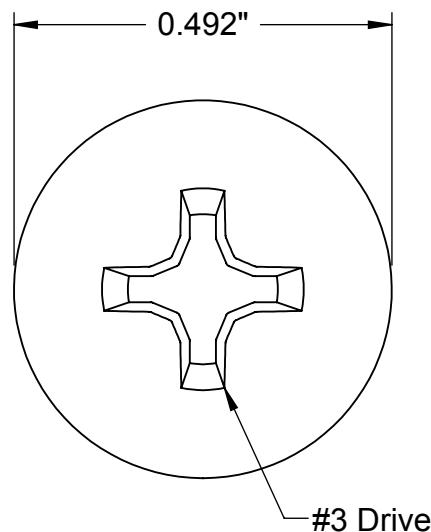
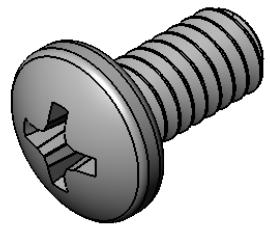
<http://www.mcmaster.com>
© 2012 McMaster-Carr Supply Company

Information in this drawing is provided for reference only.

PART
NUMBER

1645A1

Black Stamped Tubular Steel
Pull Handle



McMASTER-CARR CAD

<http://www.mcmaster.com>

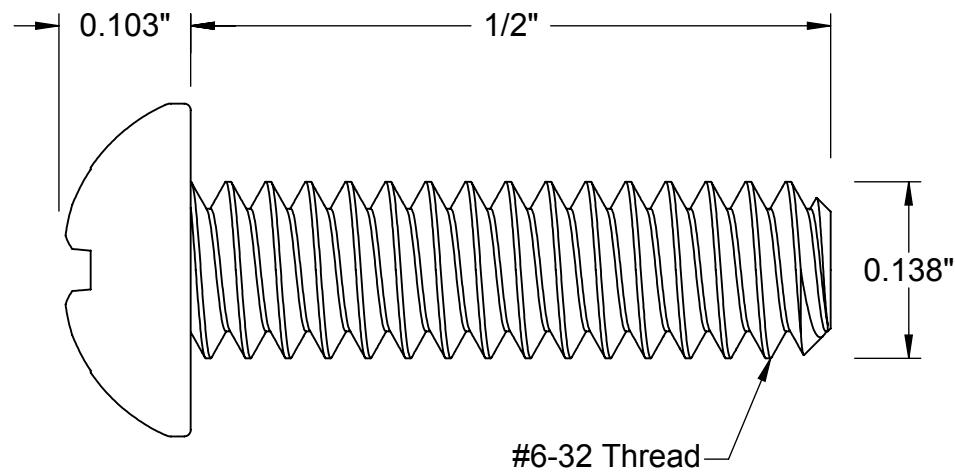
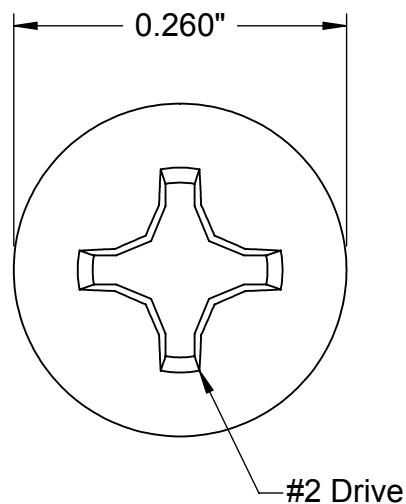
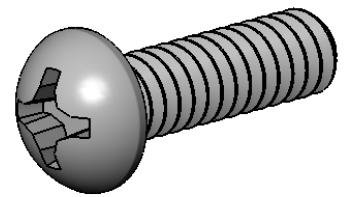
© 2012 McMaster-Carr Supply Company

Information in this drawing is provided for reference only.

PART
NUMBER

90272A537

Pan Head Phillips
Machine Screw



McMASTER-CARR CAD

<http://www.mcmaster.com>

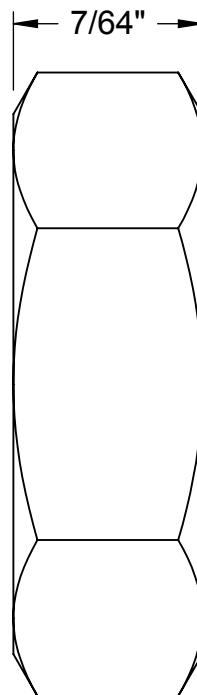
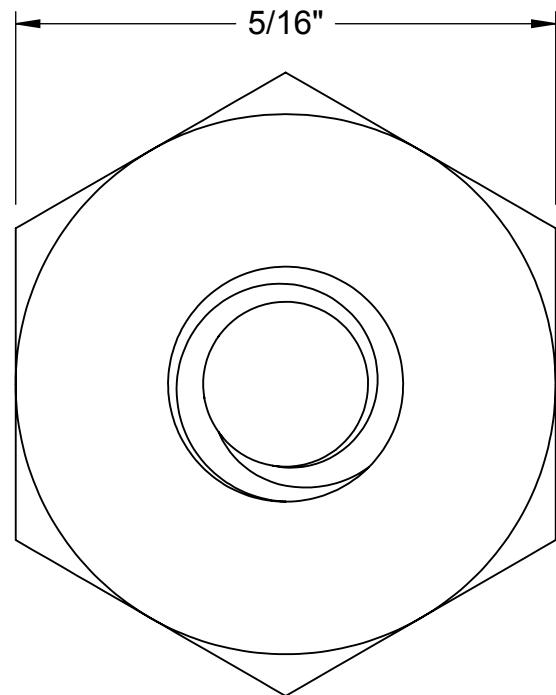
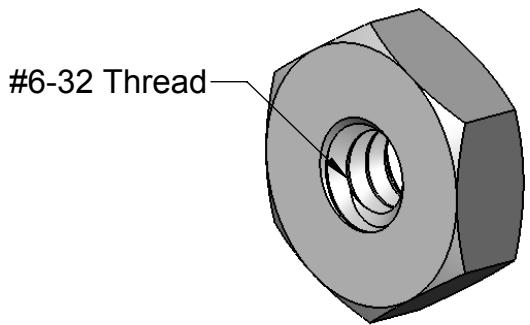
© 2012 McMaster-Carr Supply Company

Information in this drawing is provided for reference only.

PART
NUMBER

90279A148

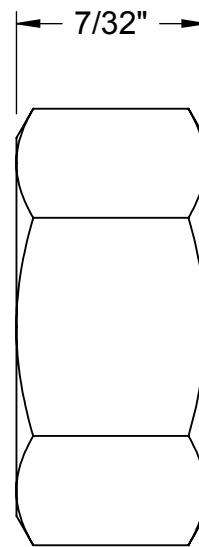
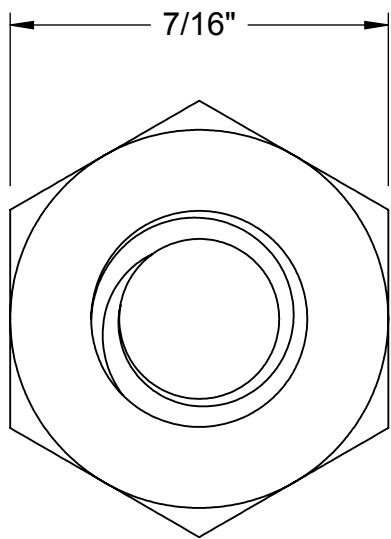
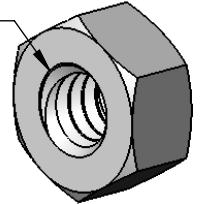
Round Head Phillips
Machine Screw



Military Specification: MS-35649-264

McMASTER-CARR © 2015 McMaster-Carr Supply Company Information in this drawing is provided for reference only.	PART NUMBER 91240A007	Mil. Spec. Hex Nut
--	---------------------------------	-----------------------

1/4"-20 Thread



McMASTER-CARR CAD

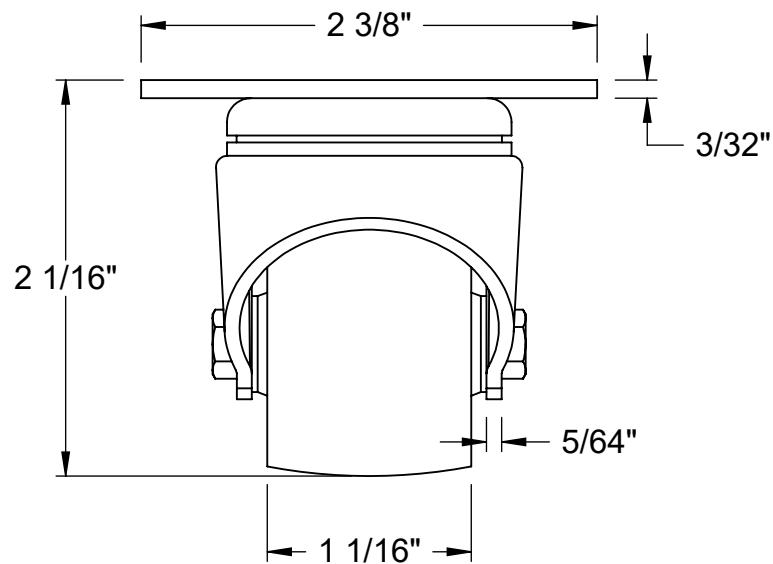
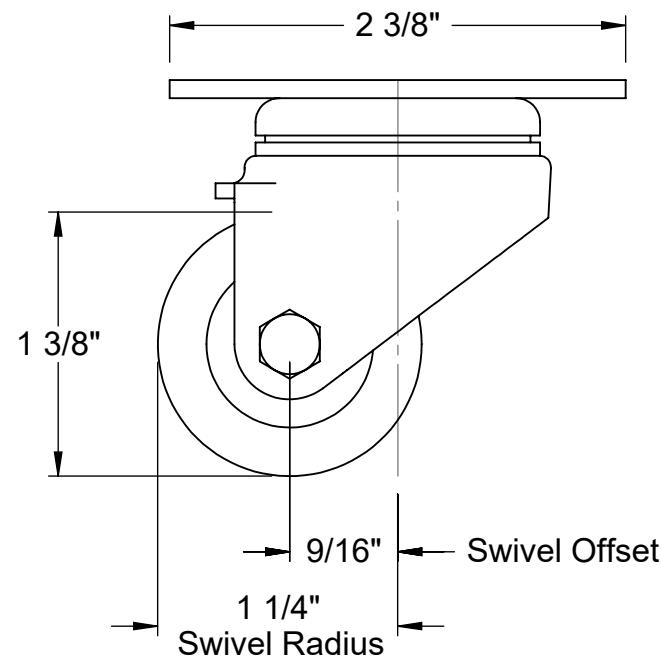
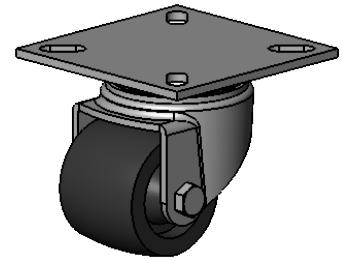
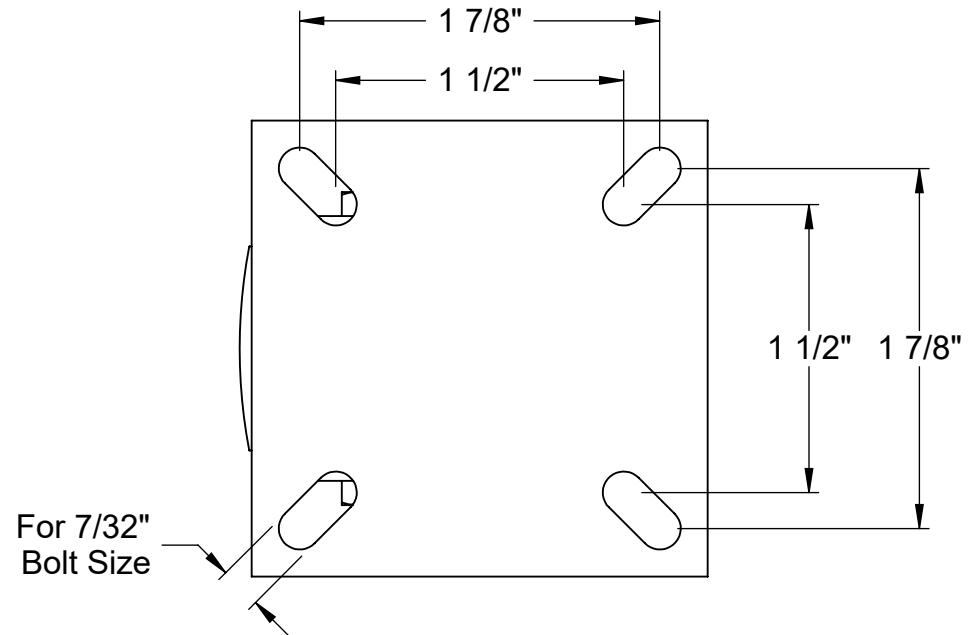
<http://www.mcmaster.com>
© 2015 McMaster-Carr Supply Company

Information in this drawing is provided for reference only.

PART
NUMBER

95462A029

Hex
Nut



McMASTER-CARR CAD

<http://www.mcmaster.com>

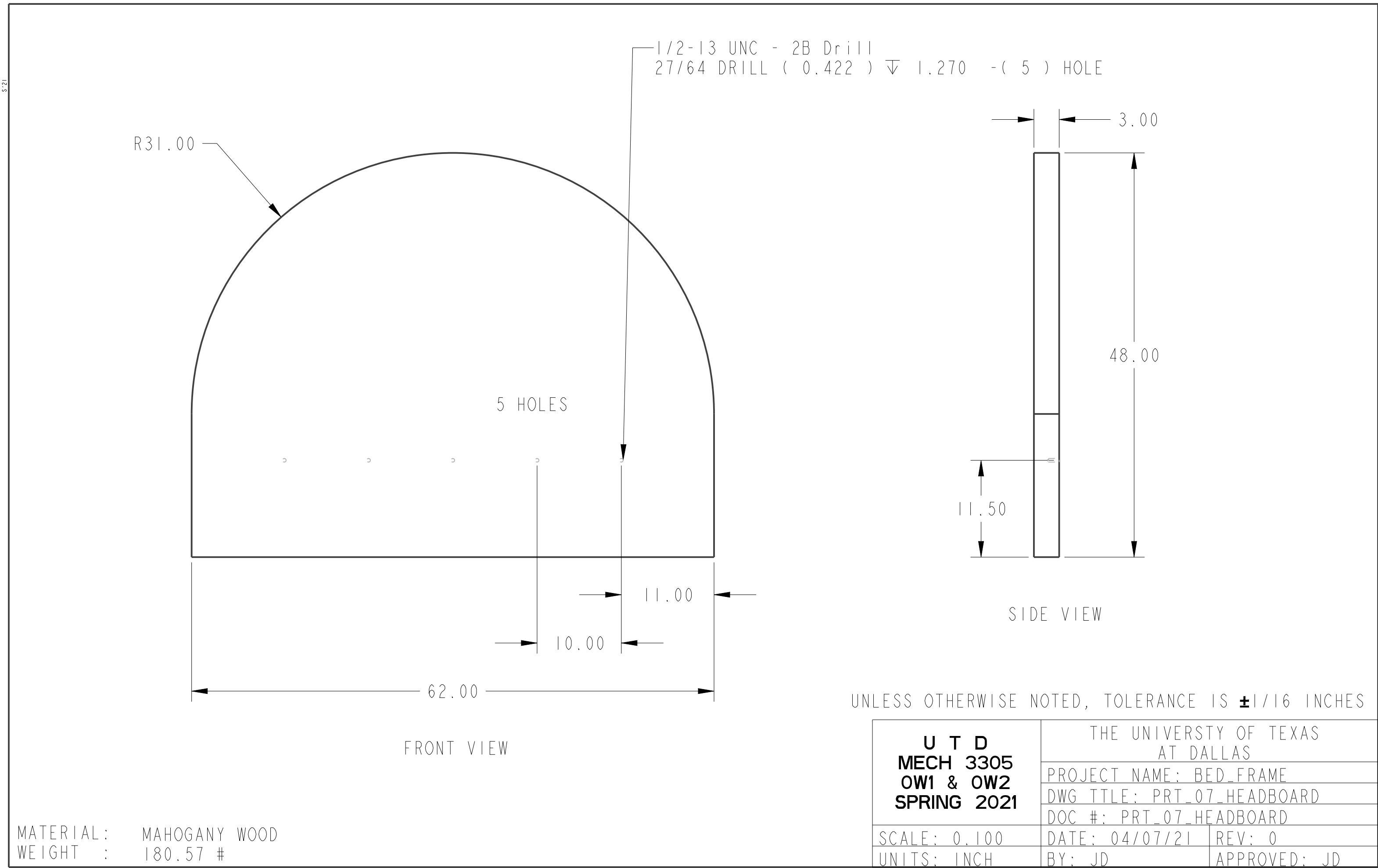
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Information in this drawing is provided for reference only.

PART
NUMBER

4778T51

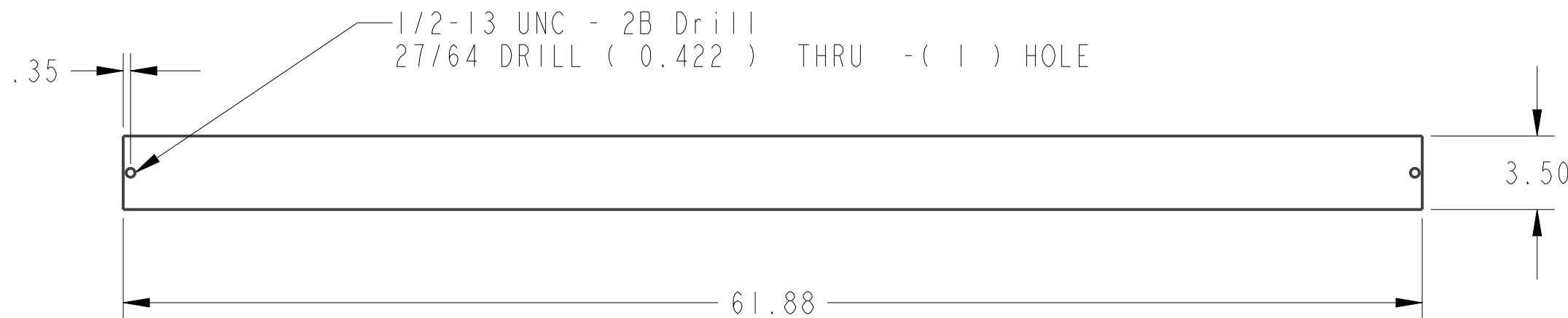
Low Profile
Swivel Caster



PURCHASE MCMASTER PART
NUMBER 3577N134 OR EQUIV
FOR RAW MATERIALS



TOP VIEW

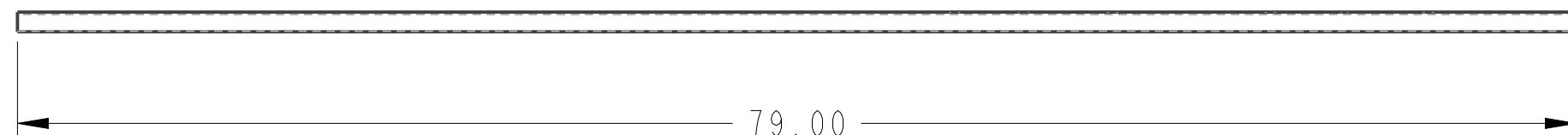
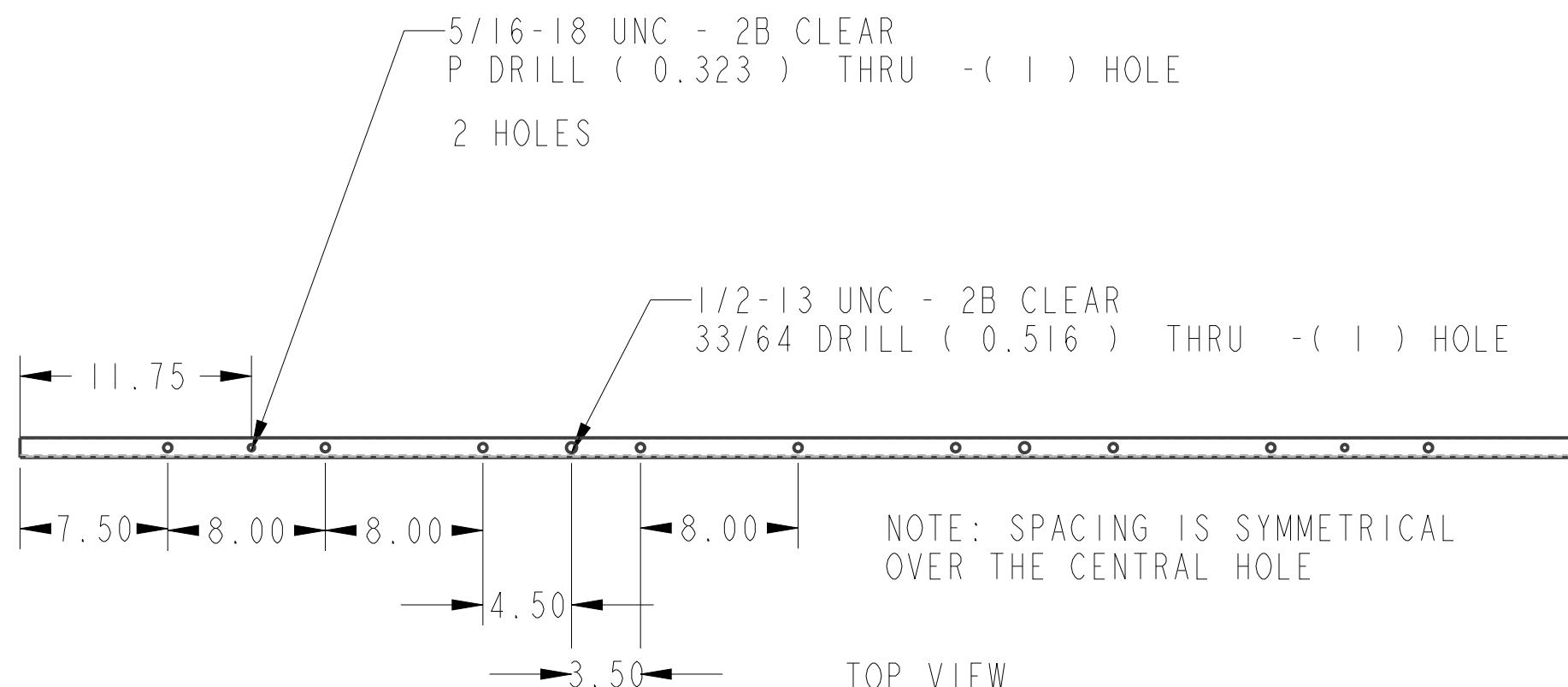


FRONT VIEW

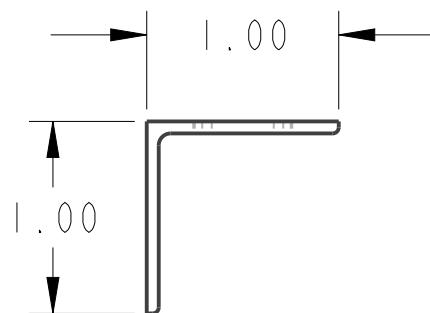
UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: SPF WOOD
WEIGHT : 4.10 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME: BED_FRAME	
DWG TTLE: PRT_08_BED_SLAT	
DOC #: PRT_08_BED_SLAT	
SCALE: 0.150	DATE: 04/07/21 REV: 0
UNITS: INCH	BY: JD APPROVED: JD



FRONT VIEW



SIDE VIEW

SCALE 1.000

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm\frac{1}{16}$ INCHES

U T D
MECH 3305
OW1 & OW2
SPRING 2021

SCALE: 0.120

UNITS: INCH

THE UNIVERSTY OF TEXAS
AT DALLAS

PROJECT NAME: BED_FRAME

DWG TTLE: PRT_09_BRACKET_LONG

DOC #: PRT_09_BRACKET_LONG

DATE: 04/07/21 REV: 0

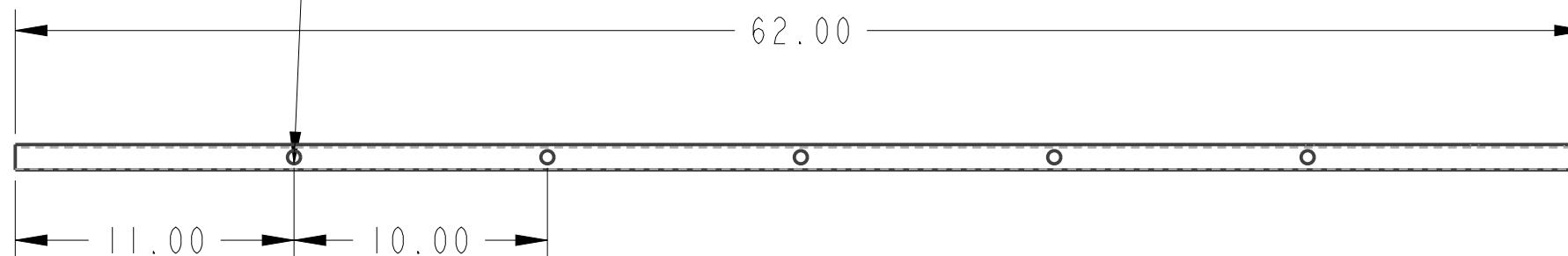
BY: JD APPROVED: JD

MATERIAL: 6061 ALUMINUM
WEIGHT : 0.925 #

S:21

1/2-13 UNC - 2B CLEAR
33/64 DRILL (0.516) THRU - (5) HOLE

5 HOLES



TOP VIEW

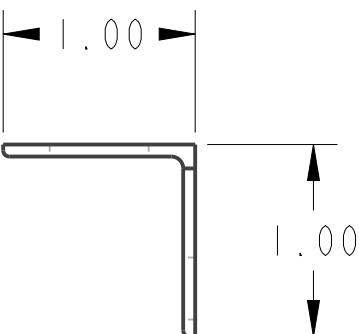
PURCHASE MCMASTER PART
NUMBER 8982K39 OR EQUIV
FOR RAW MATERIALS

5/16-18 UNC - 2B CLEAR
P DRILL (0.323) THRU - (2) HOLE

.88

6.50
3.54

.25



FRONT VIEW

SIDE VIEW
SCALE 1.000

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

**U T D
MECH 3305
OW1 & OW2
SPRING 2021**

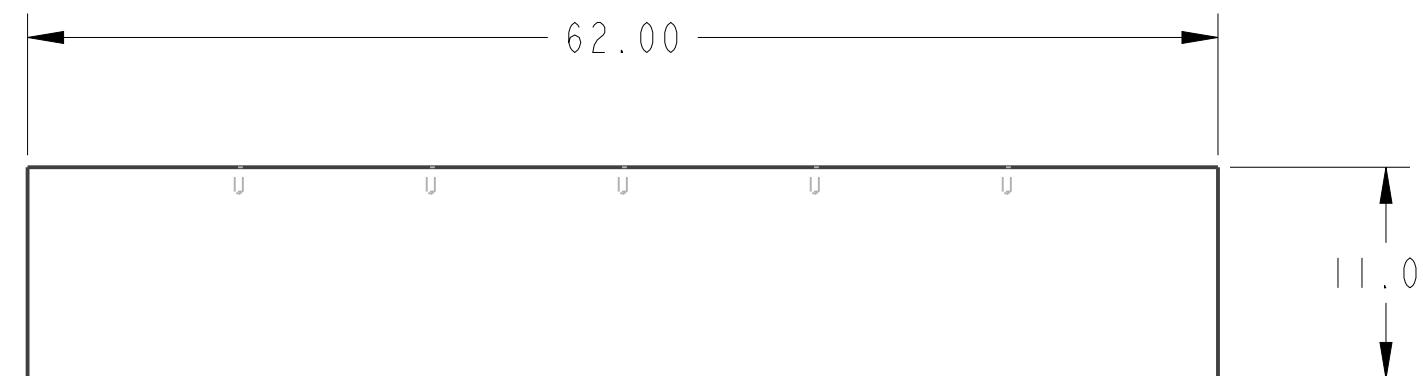
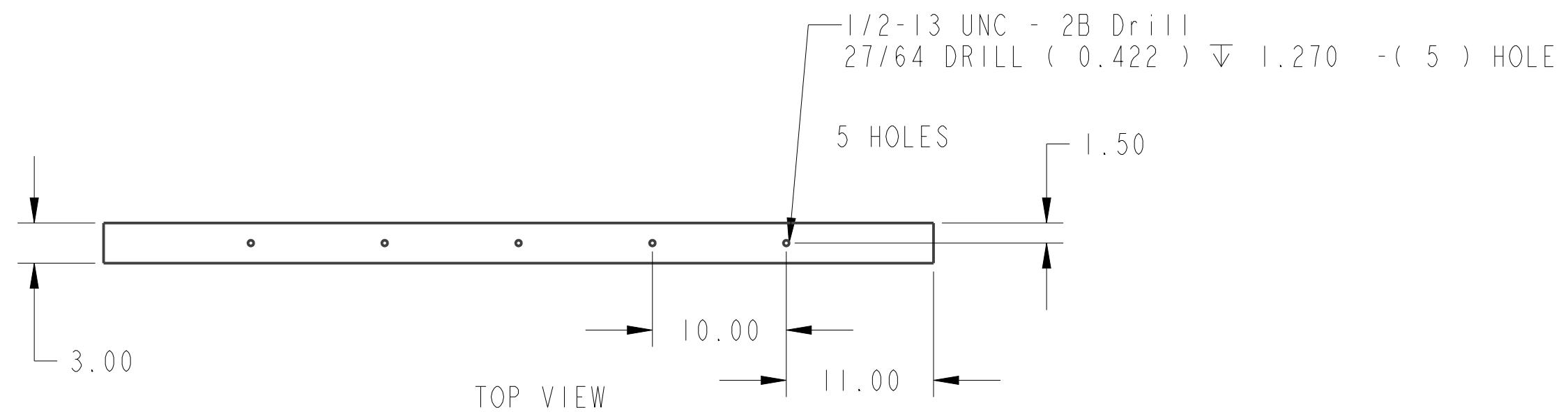
SCALE: 0.150
UNITS: INCH

THE UNIVERSTY OF TEXAS
AT DALLAS

PROJECT NAME: BED_FRAME	DATE: 04/07/21	REV: 0
DWG TITLE: PRT_10_BRACKET_SHORTI		
DOC #: PRT_10_BRACKET_SHORTI		
BY: JD		APPROVED: JD

MATERIAL: 6061 ALUMINUM
WEIGHT : 0.719 #

S121

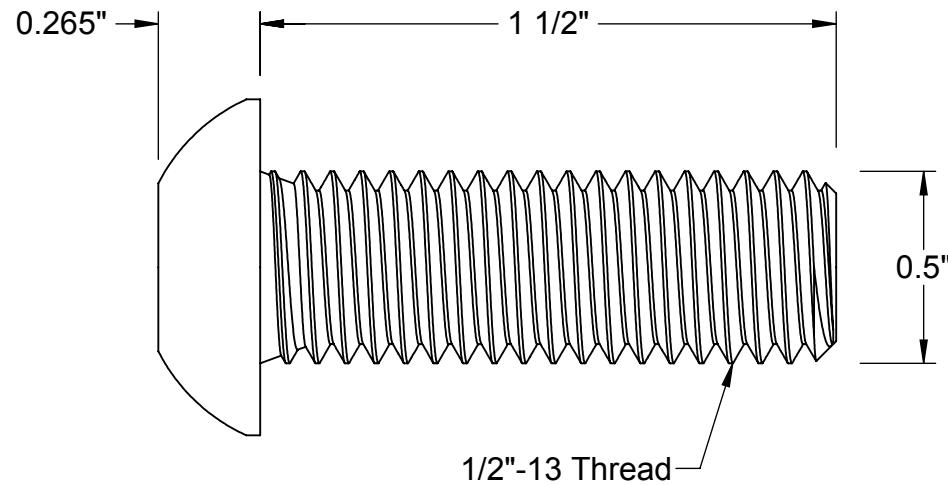
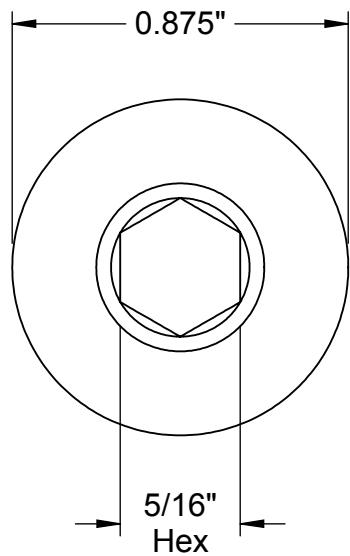
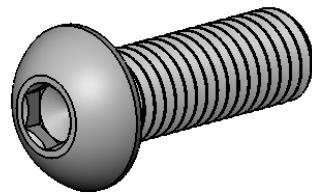


FRONT VIEW

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME:	BED_FRAME
DWG TITLE:	PRT_II_FOOTBOARD
DOC #:	PRT_II_FOOTBOARD
SCALE:	0.100
UNITS:	INCH
DATE:	04/13/21
REV:	0
BY:	JD
APPROVED:	JD

MATERIAL: MAHOGANY WOOD
WEIGHT : 51.72 #



McMASTER-CARR CAD

<http://www.mcmaster.com>

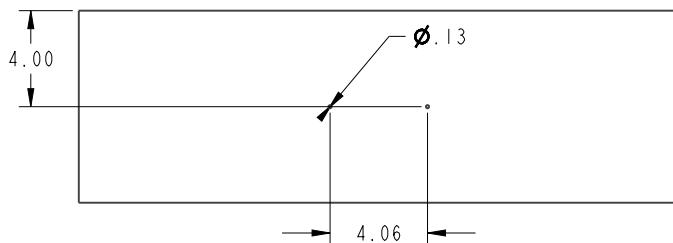
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Information in this drawing is provided for reference only.

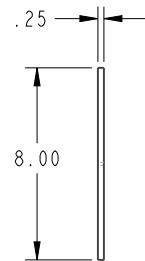
PART NUMBER **92949A716**

18-8 Stainless Steel
Button Head Hex Drive Screw

NOTE: PURCHASE MCMASTER PART
NUMBER 2726N68 FOR RAW MATERIALS
AND CUT TO DIMENSIONS



FRONT VIEW



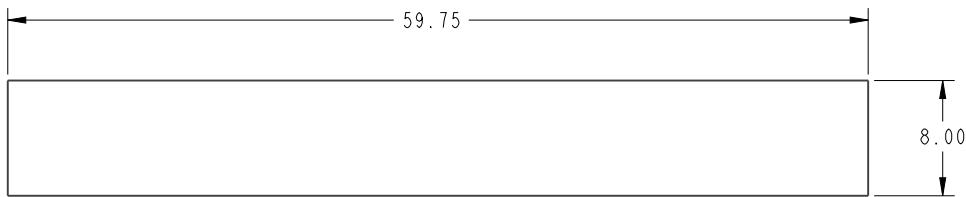
SIDE VIEW

MATERIAL: MEDIUM DENSITY FIBERBOARD
WEIGHT : 1.44 #

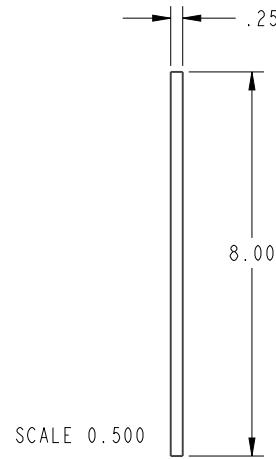
UNLESS NOTED OTHERWISE, TOLERANCE IS $\pm 1/16$ INCHES

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSITY OF TEXAS AT DALLAS PROJECT NAME: BED_FRAME DWG TITLE: PRT_13_LD_FRONT_PANEL DOC #: PRT_13_LD_FRONT_PANEL
SCALE: 0.250 UNITS: INCH	DATE: 04/14/21 REV: 0 BY: JP APPROVED: JD

NOTE: PURCHASE MCMASTER PART
NUMBER 2726N68 FOR RAW MATERIALS
AND CUT TO DIMENSIONS



FRONT VIEW



SIDE VIEW

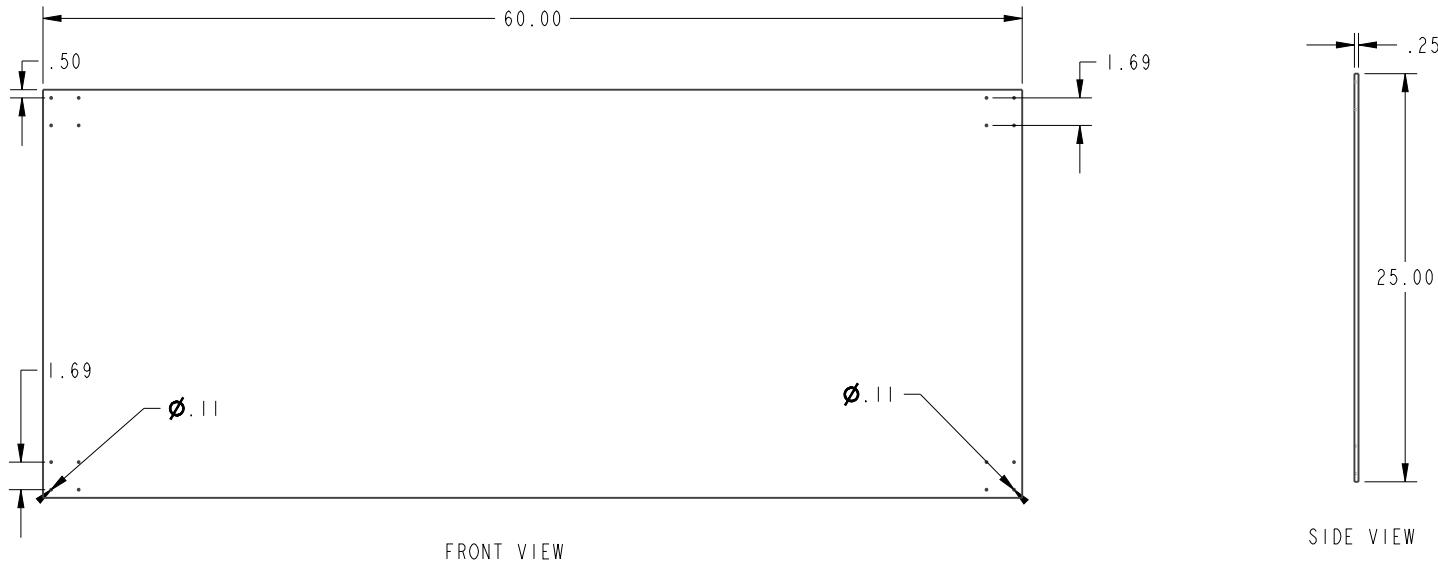
SCALE 0.500

UNLESS NOTED OTHERWISE, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: MEDIUM DENSITY FIBERWOOD
WEIGHT : 3.45 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSITY OF TEXAS AT DALLAS PROJECT NAME: BED_FRAME DWG TITLE: PRT_14_LD_SIDE_PANEL DOC #: PRT_14_LD_SIDE_PANEL
SCALE: 0.150	DATE: 04/14/21 REV: 0
UNITS: INCH	BY: JP APPROVED: JD

NOTE: PURCHASE MCMASTER PART
NUMBER 2726N68 FOR RAW MATERIALS
AND CUT TO DIMENSIONS



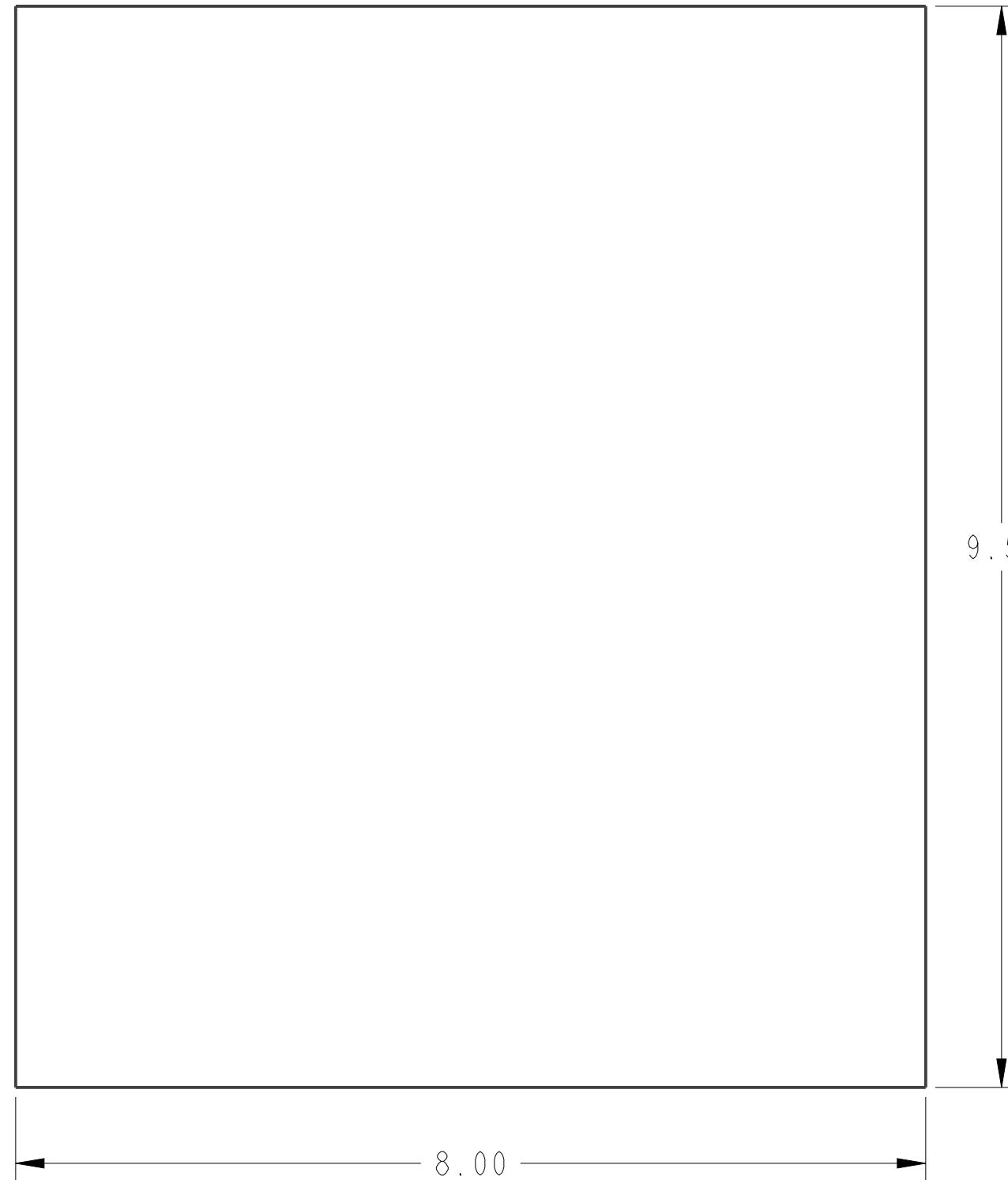
FRONT VIEW

SIDE VIEW

UNLESS NOTED OTHERWISE, TOLERANCE IS $\pm\frac{1}{16}$ INCHES

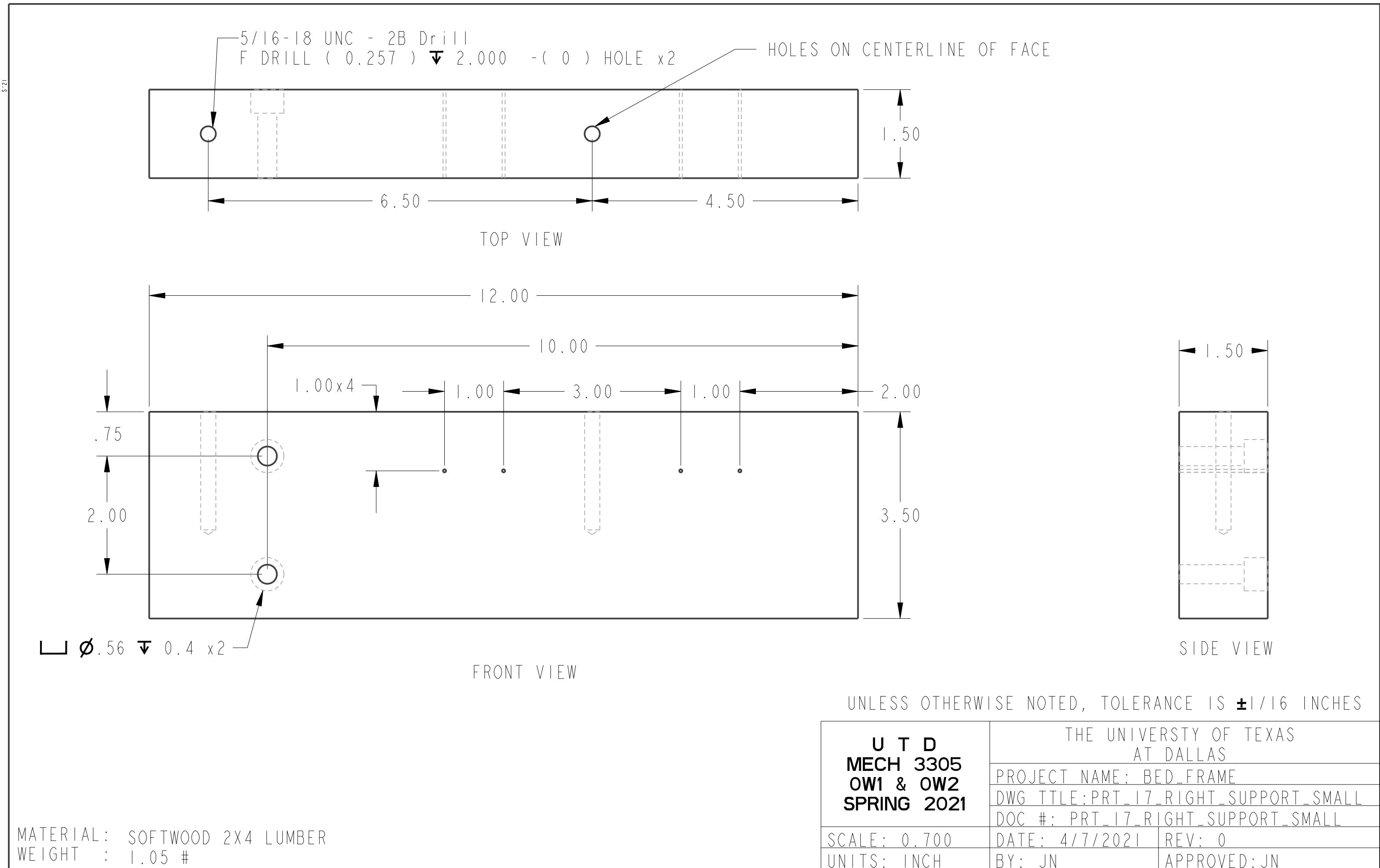
MATERIAL: MEDIUM DENSITY FIBERBOARD
WEIGHT : 1.08 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSITY OF TEXAS AT DALLAS PROJECT NAME: BED_FRAME DWG TITLE: PRT_15_LD_FLOOR DOC #: PRT_15_LD_FLOOR
SCALE: 0.175	DATE: 04/14/21 REV: 0
UNITS: INCH	BY: JP APPROVED: JD



MATERIAL: MDF
WEIGHT : 0.513 #

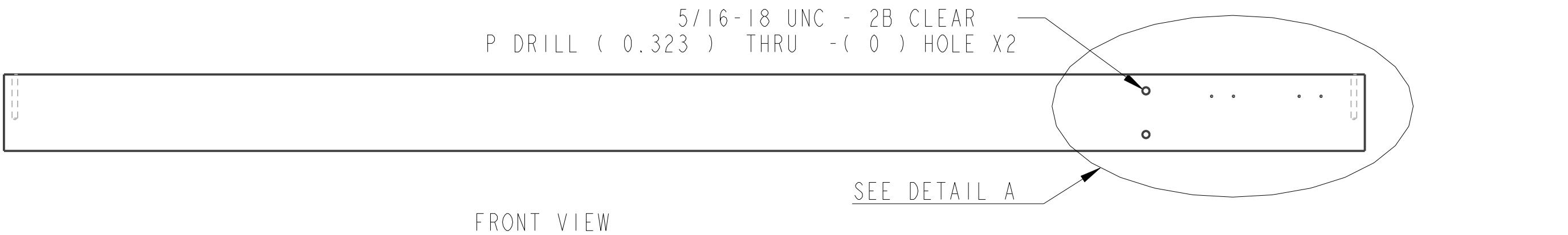
U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS
PROJECT NAME: BED_FRAME	
DWG TITLE: PRT_16_DRAWER_FLOOR	
DOC #: PRT_16_DRAWER_FLOOR	
SCALE: 0.750	DATE: 4/4/21
UNITS: INCH	REV: 0
	BY: SD
	APPROVED: JD



5/16-18 UNC - 2B Drill
F DRILL (0.257) 2.0 - (1) HOLE X2

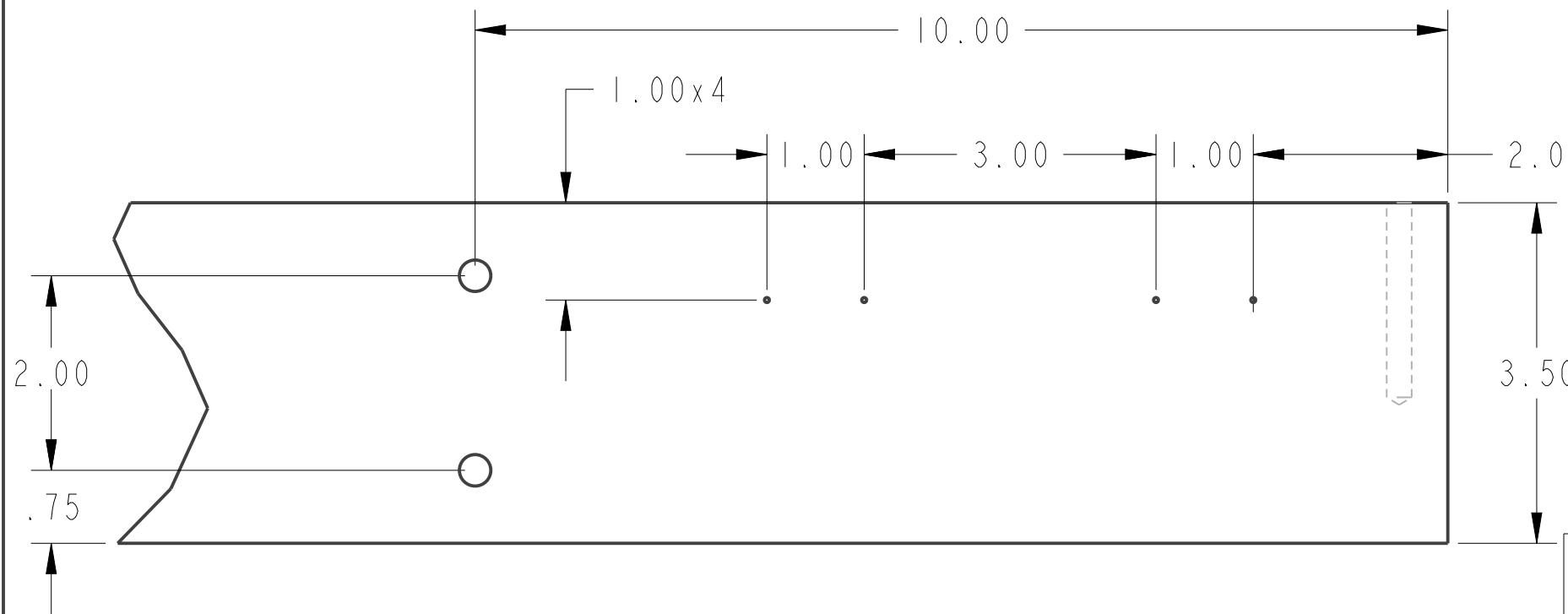
S:21

TOP VIEW



FRONT VIEW

SIDE VIEW



DETAIL A
SCALE 0.600

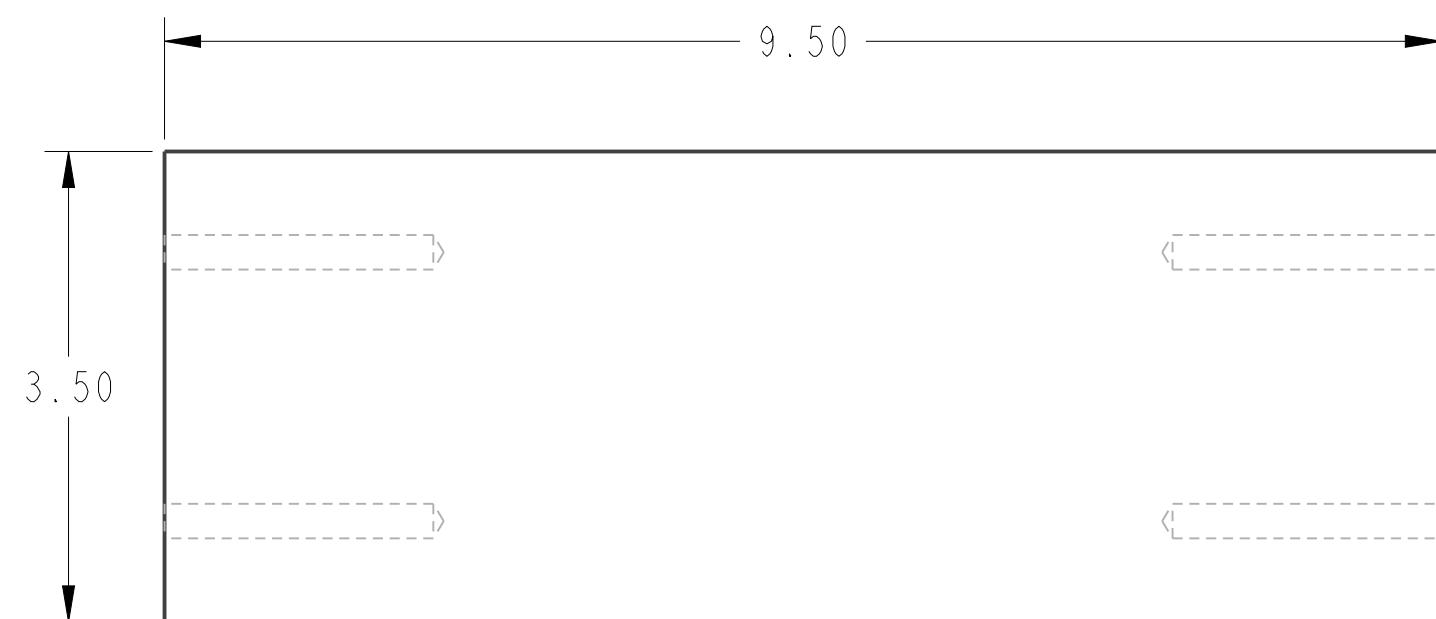
MATERIAL: SOFTWOOD 2X4 LUMBER
WEIGHT : 5.53 #

U T D
MECH 3305
OW1 & OW2
SPRING 2021

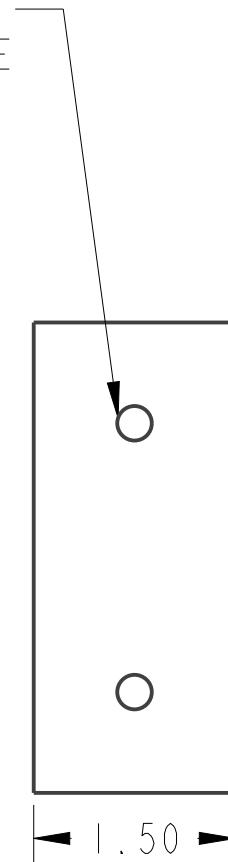
SCALE: 0.200
UNITS: INCH

THE UNIVERSITY OF TEXAS
AT DALLAS

PROJECT NAME: BED FRAME	
DWG TTLE: PRT_18_LEFT_SUPPORT_SMALL	
DOC #: PRT_18_LEFT_SUPPORT_SMALL	
DATE: 4/7/2021	REV: 0
BY: JN	APPROVED: JN



FRONT VIEW



SIDE VIEW

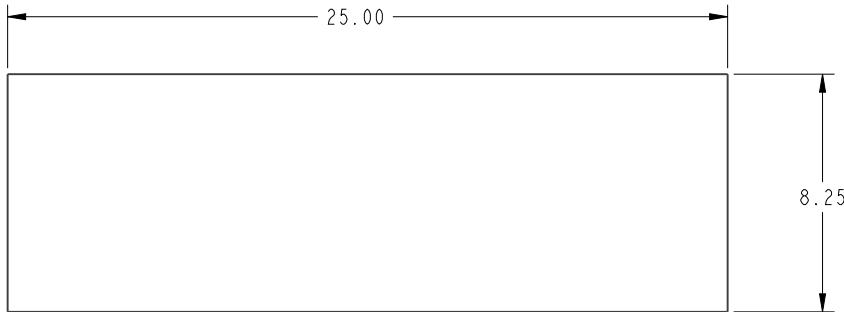
F DRILL (0.257) ∇ 2.000 - (0) HOLE
5/16-18 UNC - 2B Drill

MATERIAL: SOFTWOOD 2X4 LUMBER
WEIGHT : 0.839 #

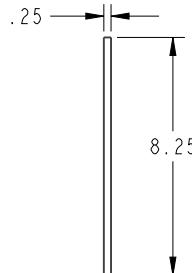
U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS PROJECT NAME: BED FRAME DWG TTLE: PRT_19_BACK_SUPPORT_SMALL DOC #: PRT_19_BACK_SUPPORT_SMALL
SCALE: 0.700 UNITS: INCH	DATE: 4/7/2021 REV: 0 BY: JN APPROVED: JN

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS PROJECT NAME: BED FRAME DWG TTLE: PRT_19_BACK_SUPPORT_SMALL DOC #: PRT_19_BACK_SUPPORT_SMALL
SCALE: 0.700 UNITS: INCH	DATE: 4/7/2021 REV: 0 BY: JN APPROVED: JN

NOTE: PURCHASE MCMASTER PART
NUMBER 2726N68 FOR RAW MATERIALS
AND CUT TO DIMENSIONS



FRONT VIEW

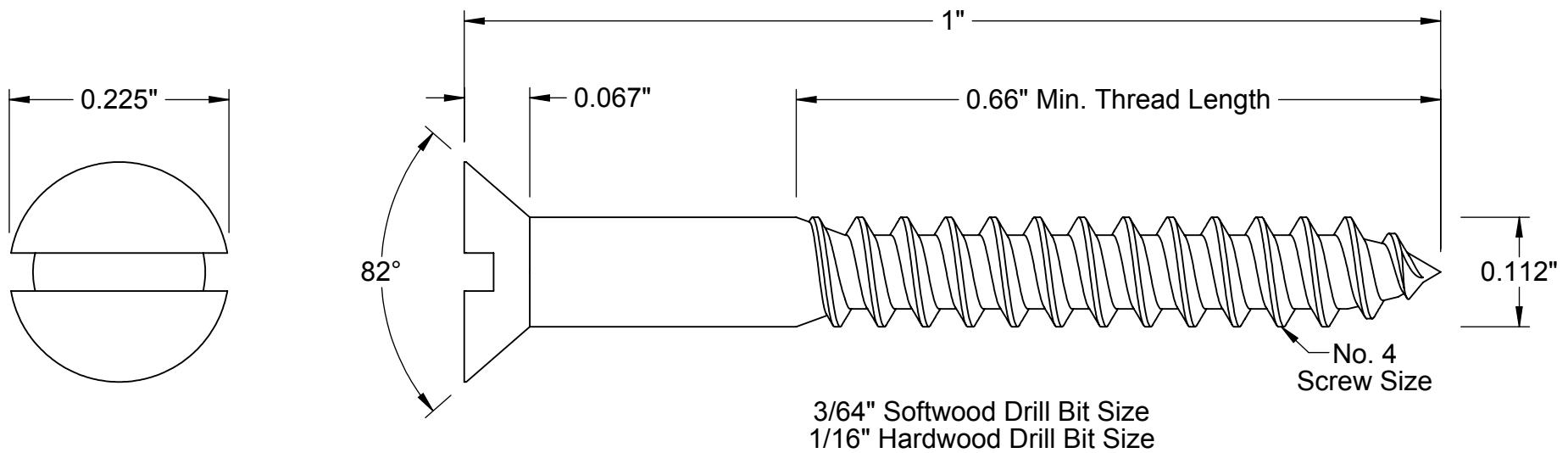
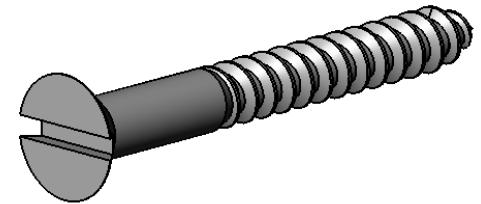


SIDE VIEW

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

MATERIAL: MEDIUM DENSITY FIBERBOARD
WEIGHT : 1.49 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSITY OF TEXAS AT DALLAS PROJECT NAME: BED_FRAME DWG TITLE: PRT_20_LD_BACK_PANEL DOC #: PRT_20_LD_BACK_PANEL
SCALE: 0.300 UNITS: INCH	DATE: 04/14/21 REV: 0 BY: JP APPROVED: JD



McMASTER-CARR CAD

<http://www.mcmaster.com>

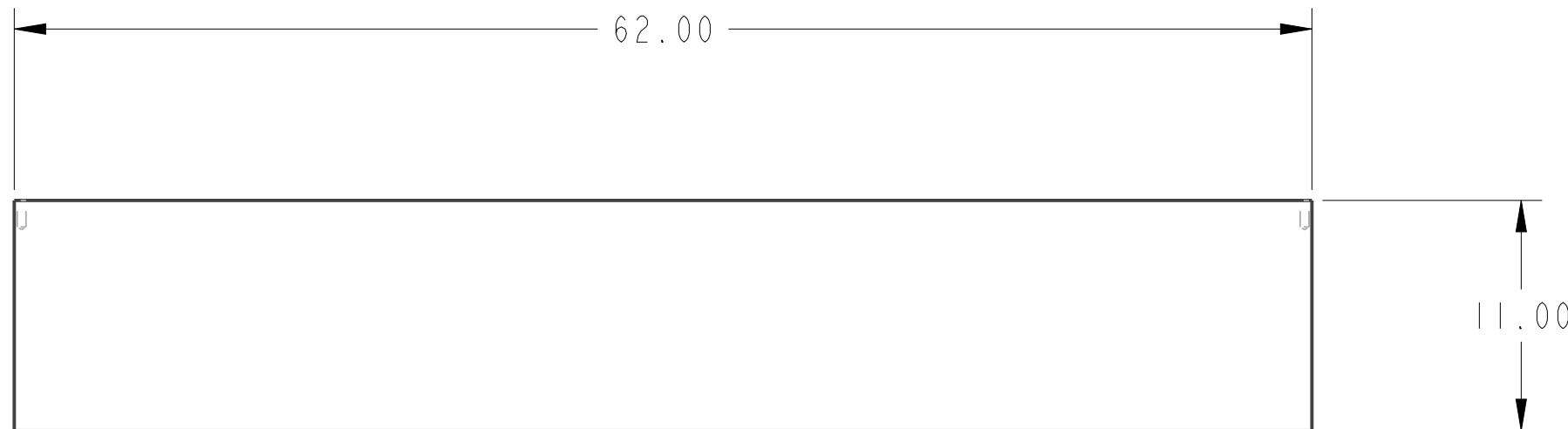
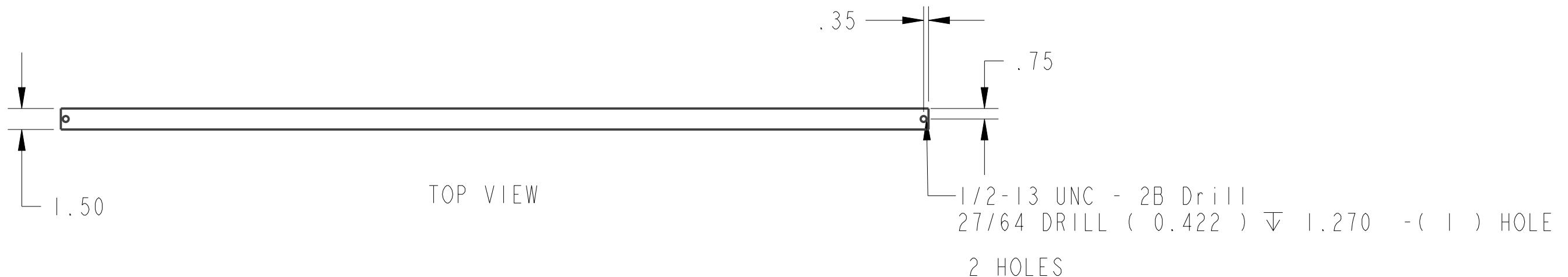
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Information in this drawing is provided for reference only.

PART
NUMBER

90006A115

Steel Slotted Flat Head
Screw for Wood

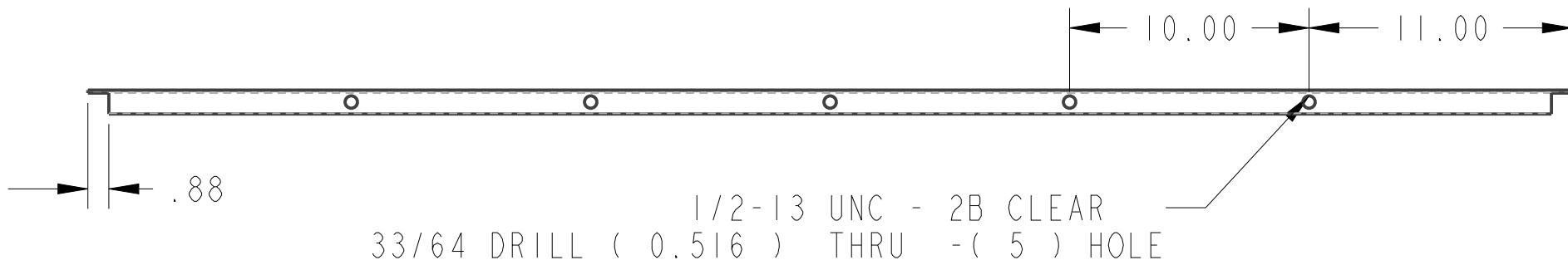


MATERIAL: MAHOGANY WOOD
WEIGHT : 25.86 #

U T D MECH 3305 OW1 & OW2 SPRING 2021	THE UNIVERSTY OF TEXAS AT DALLAS PROJECT NAME: BED_FRAME DWG TITLE: PRT_22_DRAWER_DIV DOC #: PRT_22_DRAWER_DIV SCALE: 0.125 UNITS: INCH
	DATE: 04/13/21 REV: 0 BY: JD APPROVED: JD

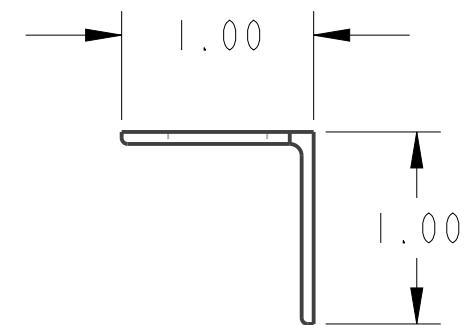
S121

PURCHASE MCMASTER PART
NUMBER 8982K39 OR EQUIV
FOR RAW MATERIALS



5 HOLES

TOP VIEW



FRONT VIEW

SIDE VIEW
SCALE 1.000

UNLESS OTHERWISE NOTED, TOLERANCE IS $\pm 1/16$ INCHES

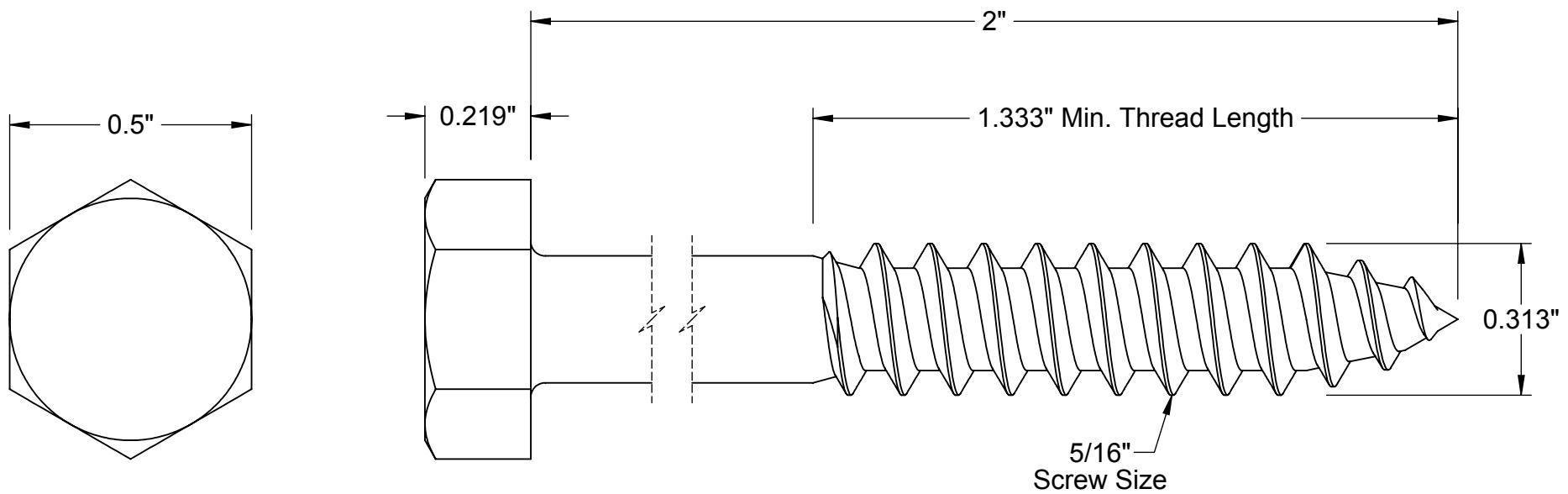
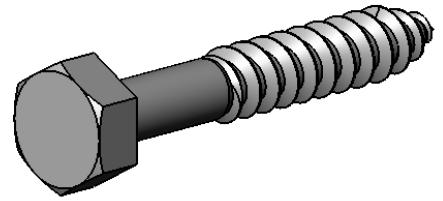
**U T D
MECH 3305
OW1 & OW2
SPRING 2021**

SCALE: 0.150
UNITS: INCH

THE UNIVERSTY OF TEXAS
AT DALLAS

PROJECT NAME: BED_FRAME	DATE: 04/07/21	REV: 0
DWG TITLE: PRT_23_BRACKET_SHORT2		
DOC #: PRT_23_BRACKET_SHORT2		
BY: JD		APPROVED: JD

MATERIAL: 6061 ALUMINUM
WEIGHT : 7.209 #



McMASTER-CARR CAD

<http://www.mcmaster.com>

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Information in this drawing is provided for reference only.

PART
NUMBER

92351A591

Hex Head
Screw for Wood

18-8 Stainless Steel Nails for Hard Woods

2D Penny Size, 1" Long



\$12.34 per pack of 550



Packs of 550

In stock

97830A150

ADD TO ORDER

Material	18-8 Stainless Steel
Penny Size	2d
Length	1"
Gauge	14
Shank Diameter	0.08"
Head Diameter	13/64"
Head Type	Flat
Shank Type	Spiral
For Use On	Hard Wood, Plywood, Soft Wood
RoHS	Not Compliant
REACH	Not Compliant
DFARS	Specialty Metals COTS-Exempt
Country of Origin	United States
USMCA Qualifying	No
Schedule B	731700.9000
ECCN	EAR99