

① OVERALL COURT AREA  
SCALE = 1:40 (ON 8.5" x 11" PAPER)




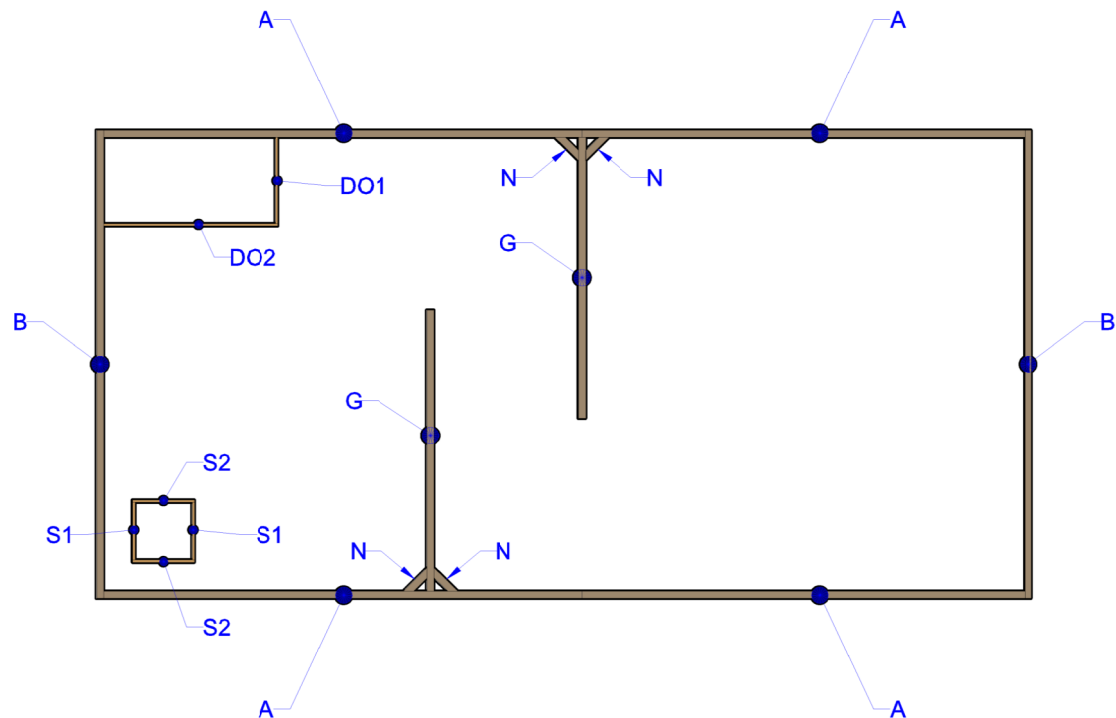
NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS (SCNC\_RC\_2022\_1, SCNC\_RC\_2022\_2, SCNC\_RC\_2022\_3, ETC.) REPRESENT INFORMATION AND DIMENSIONS FOR A SINGLE COURT AREA, REPRESENTING A SINGLE TEAMS SIDE OF THE COMPETITION FLOOR SPACE. TO BUILD A FULL COURT REPRESENTING 2 TEAM COURT AREAS, MULTIPLY MATERIAL QUANTITIES BY 2.

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1	VIRTUAL COMPETITION ISSUE	SM	OCT. 13/21
0	ISSUED FOR SCOPE DOCUMENT	SM	AUG. 02/21
REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT: <b>SCNC VANCOUVER 2022 - ROBOTICS</b>		SCNC_RC_2022_1 DRAWING NO.	T2022 PROJECT NO.	10/13/21 DATE.	 <b>SKILLS CANADA</b> 294 Albert Street, Suite 201 Ottawa, Ontario 1 (877) 754-5226
DRAWING TITLE: <b>OVERALL COURT LAYOUT</b>		AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.	
			1 REVISION.		



① MAIN STRUCTURAL PIECES LABELLING  
SCALE = 1:40 (ON 8.5" x 11" PAPER)



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REVISIONS

PROJECT: SCNC VANCOUVER 2022 - ROBOTICS

SCNC\_RC\_2022\_2  
DRAWING NO.

T2022  
PROJECT NO.

10/13/21  
DATE.

DRAWING TITLE:  
PARTS LABELLING (SHEET 1 OF 4)

AS NOTED  
SCALE AT A4.

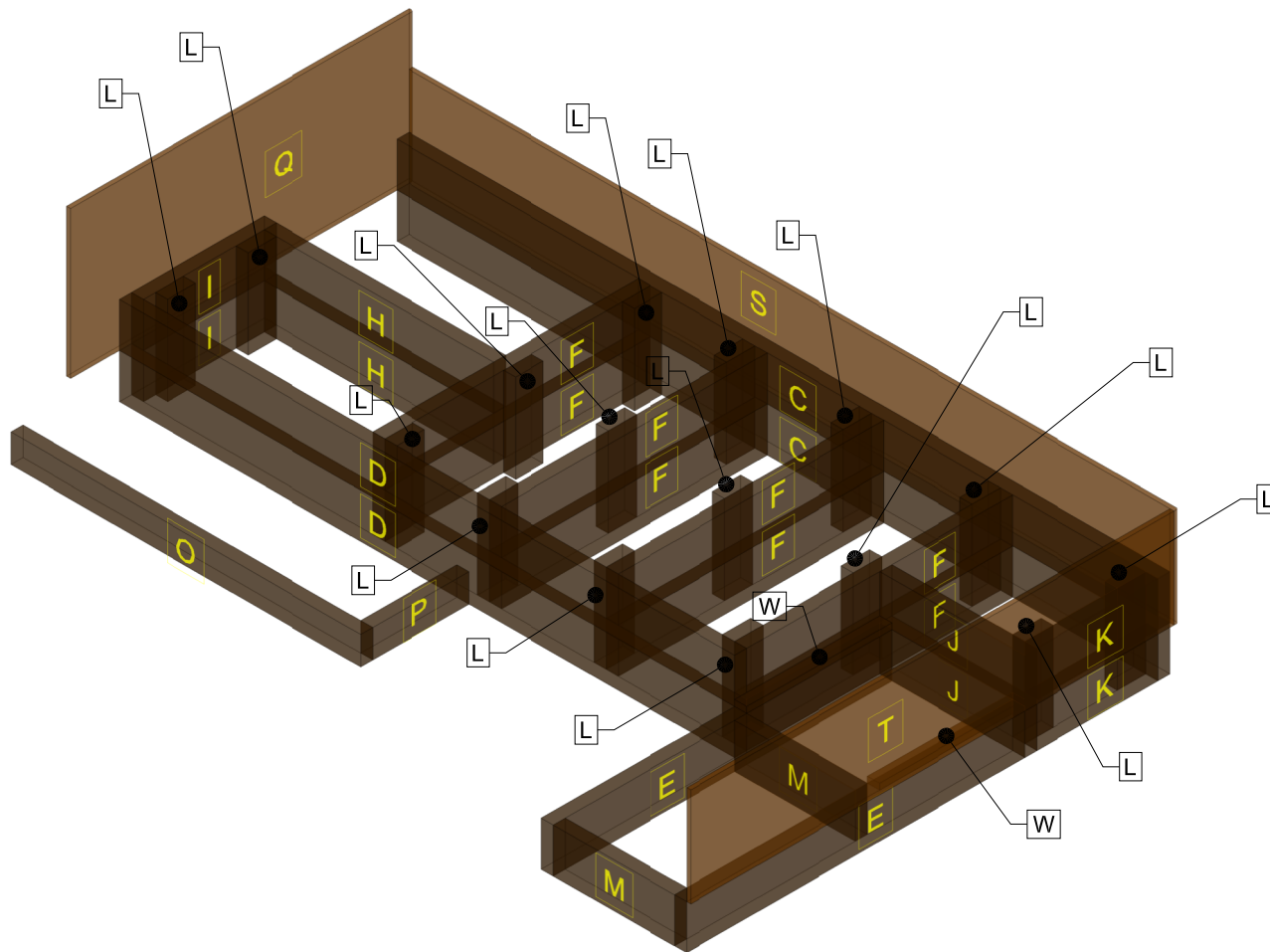
SM  
DRAWN.

DD  
CHECKED.

1  
REVISION.



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① UPPER MINE PARTS LABELLING  
SCALE = N.T.S.

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PROJECT: SCNC VANCOUVER 2022 - ROBOTICS

SCNC\_RC\_2022\_3  
DRAWING NO.

T2022  
PROJECT NO.

10/13/21  
DATE.

DRAWING TITLE:  
PARTS LABELLING (SHEET 2 OF 4)

AS NOTED  
SCALE AT A4.

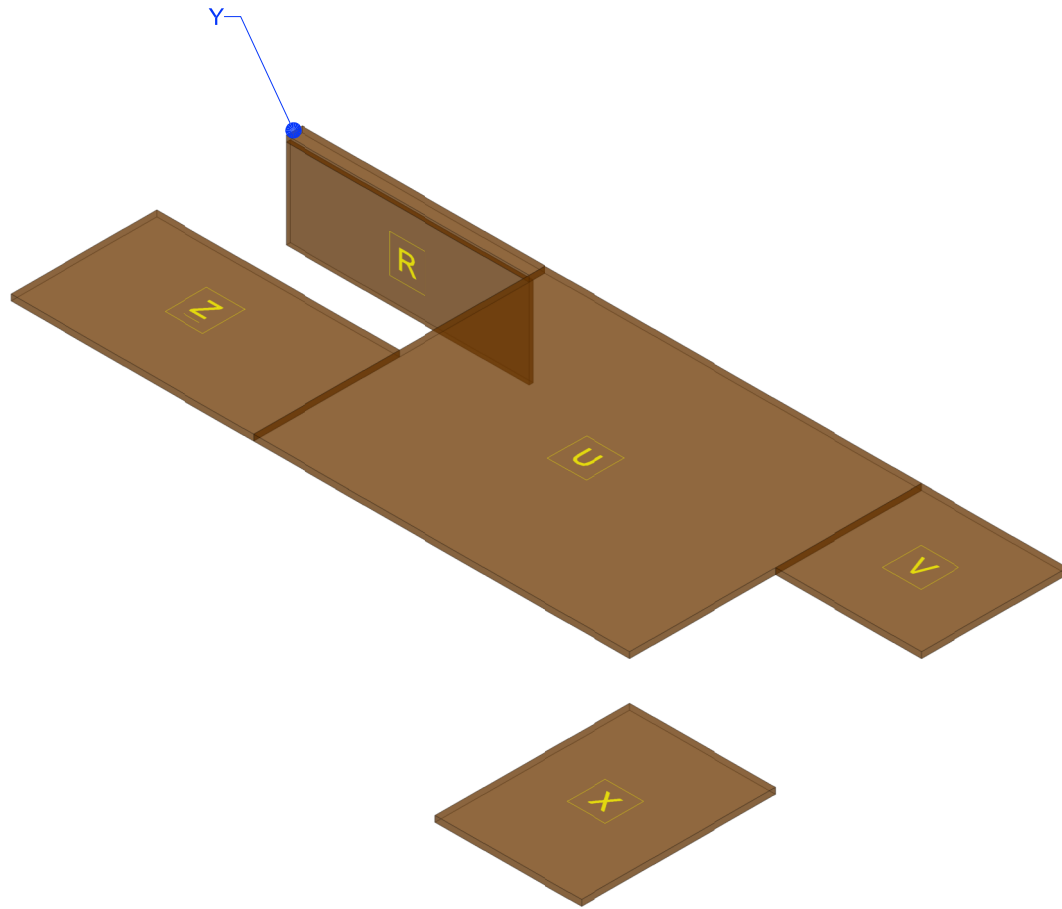
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DRAWN.

DD  
CHECKED.

1  
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① UPPER MINE PLYWOOD LABELLING  
SCALE = N.T.S.

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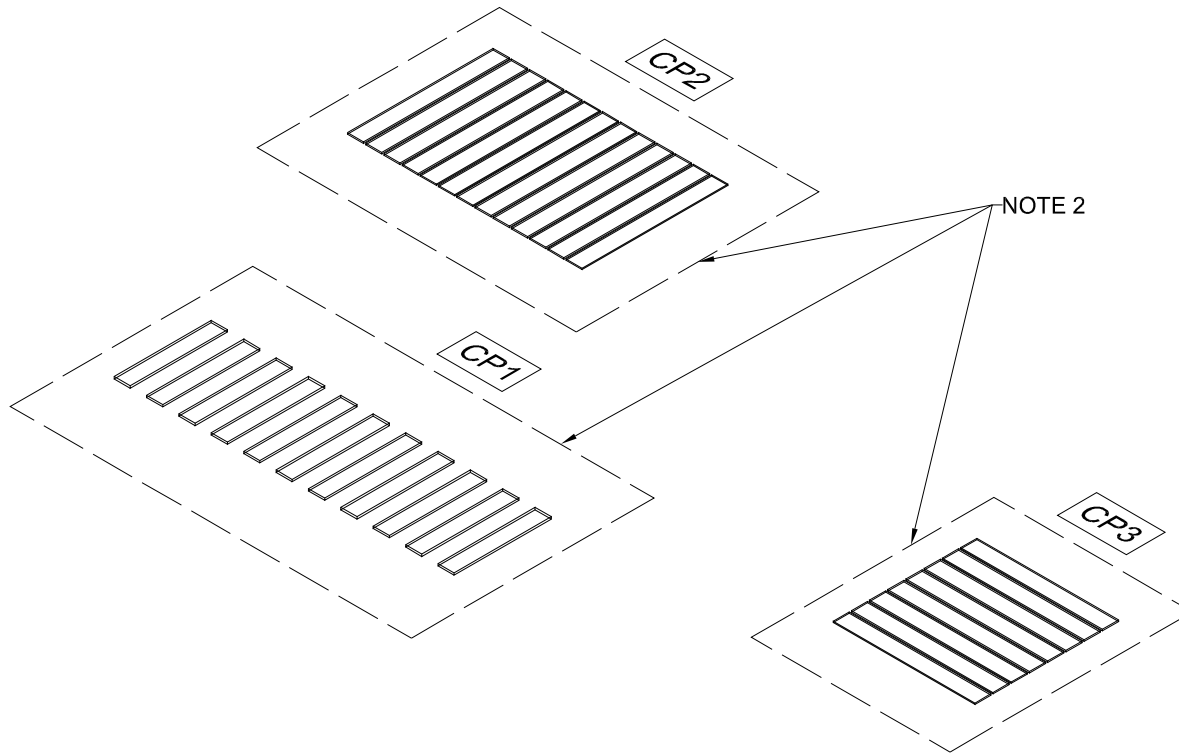
PROJECT: <b>SCNC VANCOUVER 2022 - ROBOTICS</b>	SCNC_RC_2022_4 DRAWING NO.	T2022 PROJECT NO.	10/13/21 DATE.
DRAWING TITLE: <b>PARTS LABELLING (SHEET 3 OF 4)</b>	AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.
			1 REVISION.



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2. WHEN RESETTING THE COURT AREA, EACH CORRUGATED PLASTIC PIECE MUST BE PLACED TO ENSURE THAT THERE IS A 1/4" GAP BETWEEN EACH PIECE.



① CORRUGATED PLASTIC LABELING  
SCALE = N.T.S.

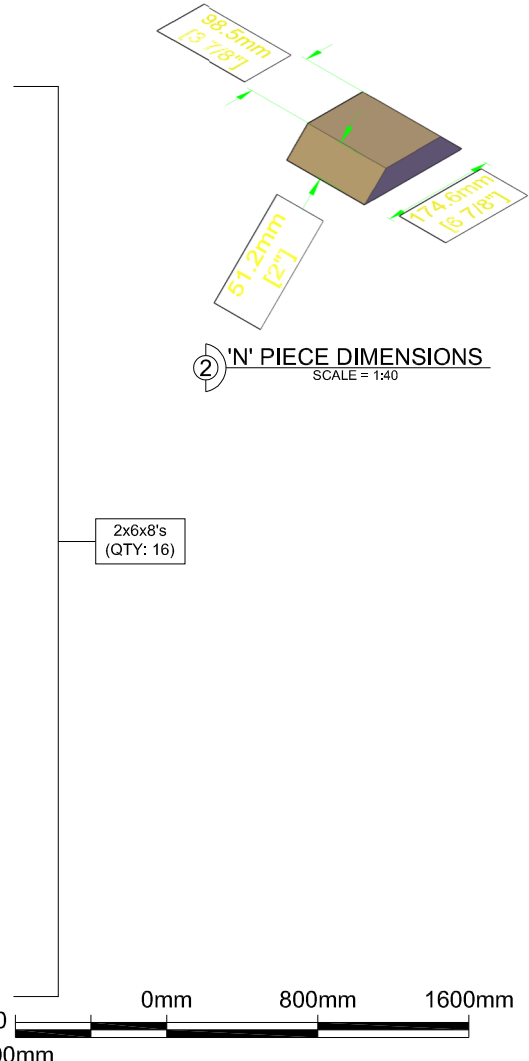
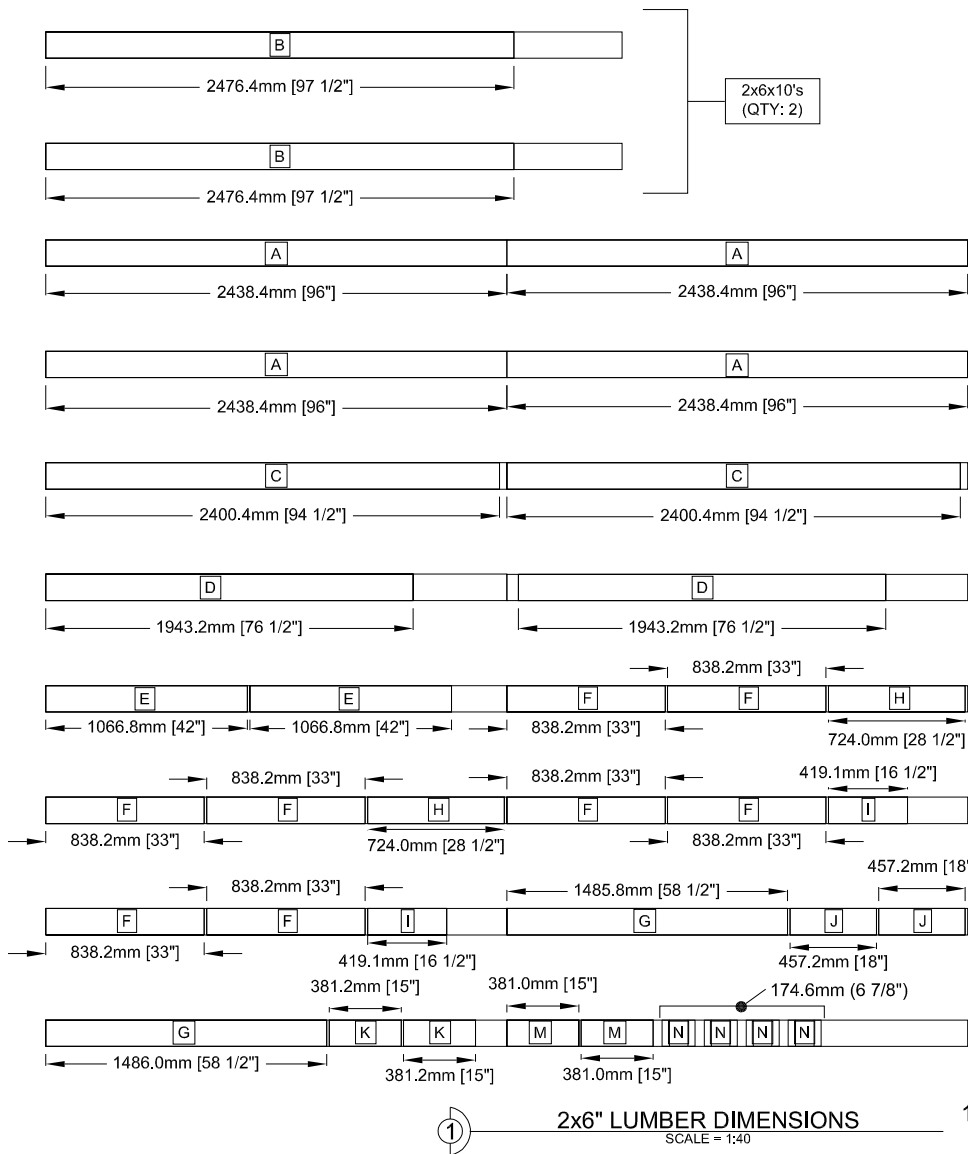
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REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT: <b>SCNC VANCOUVER 2022 - ROBOTICS</b>	SCNC_RC_2022_5 DRAWING NO.	T2022 PROJECT NO.	10/13/21 DATE.
DRAWING TITLE: <b>PARTS LABELLING (SHEET 4 OF 4)</b>	AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.
			1 REVISION.

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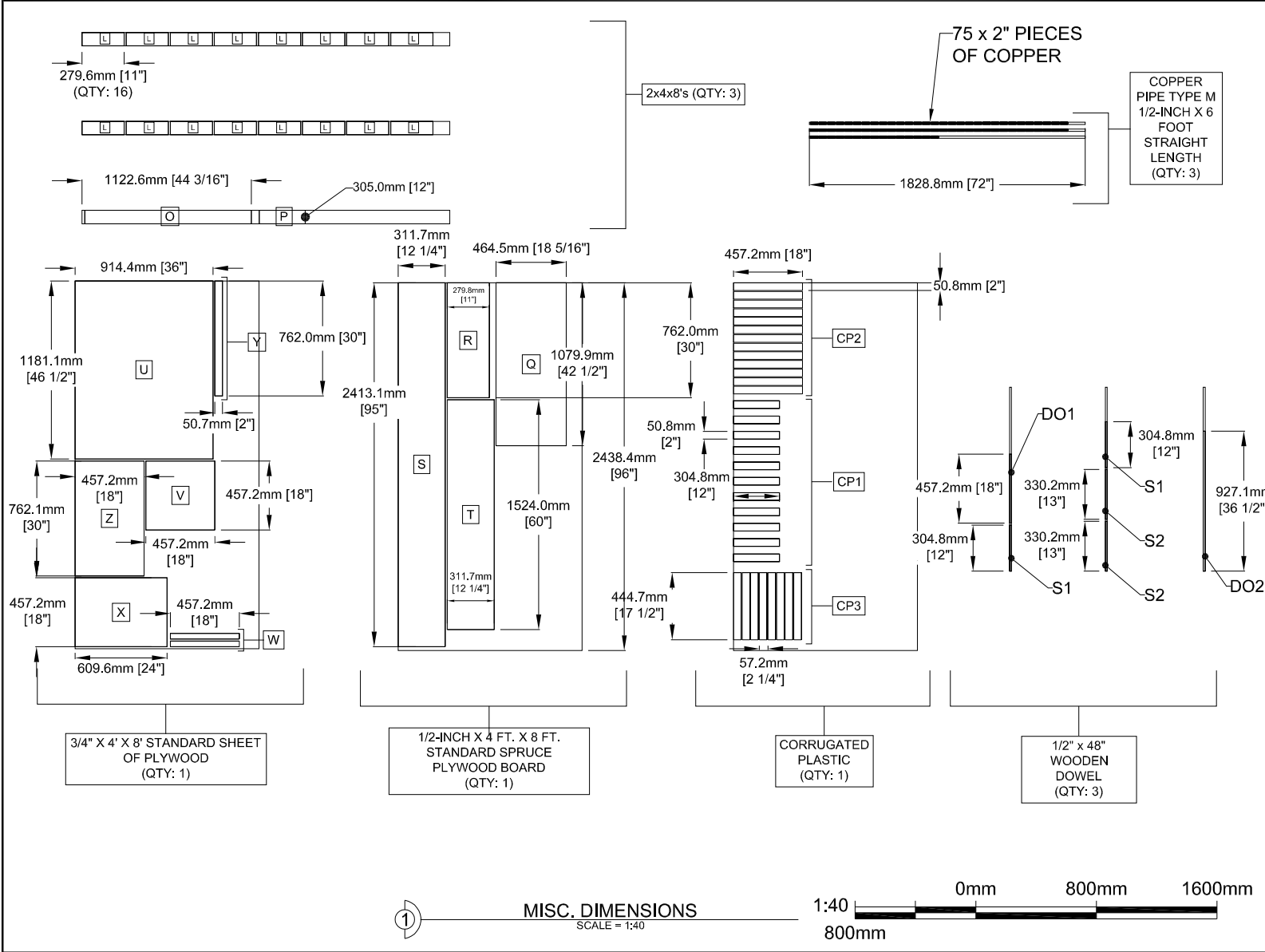
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1	VIRTUAL COMPETITION ISSUE	SM	OCT. 13/21
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REVISIONS

PROJECT: <b>SCNC VANCOUVER 2022 - ROBOTICS</b>		SCNC_RC_2022_6 DRAWING NO.	T2022 PROJECT NO.	10/13/21 DATE.	<p><b>SKILLS CANADA</b> 294 Albert Street, Suite 201 Ottawa, Ontario 1 (877) 754-5226</p>
DRAWING TITLE: <b>2x6" DIMENSIONS (SHEET 1 OF 2)</b>		AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.	

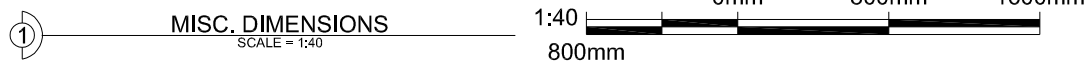


**NOTES:**

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1	VIRTUAL COMPETITION ISSUE	SM	OCT. 13/21
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REV:	DESCRIPTION:	BY:	DATE:

**REVISIONS**



<b>PROJECT:</b> SCNC VANCOUVER 2022 - ROBOTICS	<b>DRAWING NO.:</b> SCNC_RC_2022_7	<b>PROJECT NO.:</b> T2022	<b>DATE:</b> 10/13/21	 <b>SKILLS CANADA</b> 294 Albert Street, Suite 201 Ottawa, Ontario 1 (877) 754-5226
<b>DRAWING TITLE:</b> MATERIAL DIMENSIONS (SHEET 2 OF 2)	<b>SCALE AT A4:</b> AS NOTED	<b>DRAWN:</b> SM	<b>CHECKED:</b> DD	

**NOTES:**

1. ALL MATERIALS LISTED ON ALL DRAWINGS (SCNC\_RC\_2022\_1, SCNC\_RC\_2022\_2, SCNC\_RC\_2022\_3, ETC.) REPRESENT INFORMATION AND DIMENSIONS FOR A SINGLE COURT AREA, REPRESENTING A SINGLE TEAMS SIDE OF THE COMPETITION FLOOR SPACE. TO BUILD A FULL COURT REPRESENTING 2 TEAM COURT AREAS, MULTIPLY MATERIAL QUANTITIES BY 2.

<b>2021 Skills National Robotics Competition: Bill of Materials (1 Court)</b>		
<b>Description2</b>	<b>Quantity</b>	<b>Web Url</b>
2" x 6" x 10' Standard SPF Dimension Lumber	2	<a href="https://bit.ly/306D9cx">https://bit.ly/306D9cx</a>
2" x 6" x 8' Standard SPF Dimension Lumber	16	<a href="https://bit.ly/2BzgyvA">https://bit.ly/2BzgyvA</a>
2" x 4" x 8' Standard SPF Dimension Lumber	3	<a href="https://bit.ly/2OZZstZ">https://bit.ly/2OZZstZ</a>
3/4" x 4' x 8' Standard Sheet of Plywood	1	<a href="https://bit.ly/3zrOX7T">https://bit.ly/3zrOX7T</a>
1/2-inch x 4 ft. x 8 ft. Standard Spruce Plywood Board	1	<a href="https://bit.ly/3kQfE1Y">https://bit.ly/3kQfE1Y</a>
0.157-inch x 48-inch x 96-inch White Corrugated Plastic Sheet	1	<a href="https://bit.ly/3y3eDYc">https://bit.ly/3y3eDYc</a>
Type M 1/2-inch x 6 Foot Straight Length Copper Pipe	3	<a href="https://bit.ly/3zuBNXS">https://bit.ly/3zuBNXS</a>
Low Quality Gold Foam Ball (Pack of 10)	2	<a href="https://amzn.to/3wXSPf5">https://amzn.to/3wXSPf5</a>
1" Chrome Steel Bearing Balls G25 (Pack of 10)	1	<a href="https://amzn.to/3rsxxFw">https://amzn.to/3rsxxFw</a>
1/2" x 48" Square Wooden Dowel	3	<a href="https://bit.ly/3BLCca9">https://bit.ly/3BLCca9</a>

**1** BILL OF MATERIALS  
SCALE = N/A

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PROJECT: <b>SCNC VANCOUVER 2022 - ROBOTICS</b>	SCNC_RC_2022_8 DRAWING NO.	T2022 PROJECT NO.	10/13/21 DATE.
DRAWING TITLE: <b>BILL OF MATERIALS</b>	AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.
			1 REVISION.

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