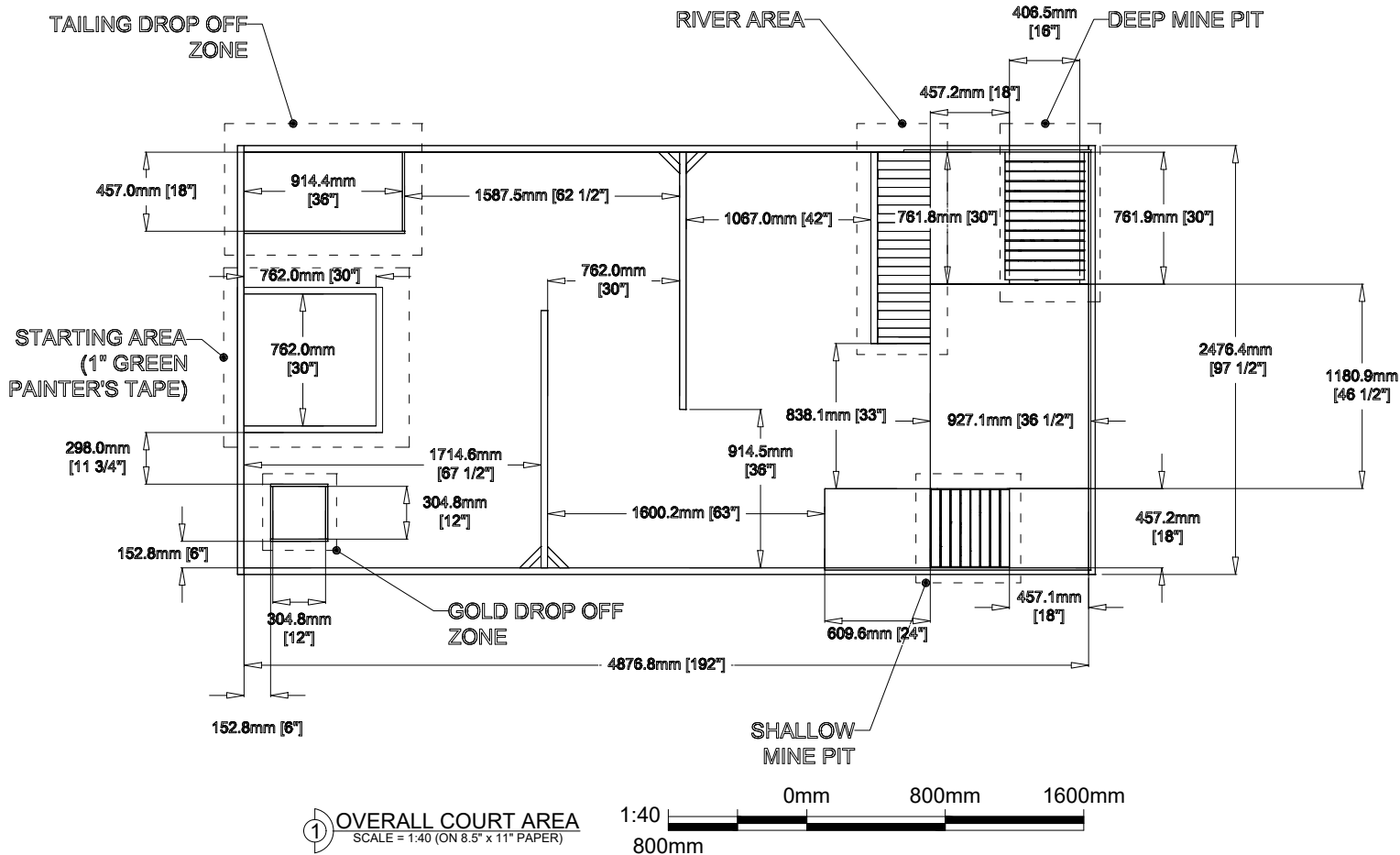


NOTES:

- 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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0	ISSUED FOR SCOPE DOCUMENT	SM	AUG. 02/21
REV:	DESCRIPTION:	BY:	DATE:
REVISIONS			

PROJECT: SCNC VANCOUVER 2022 - ROBOTICS

SCNC_RC_2022_1
DRAWING NO.

T2022
PROJECT NO. 08/02/21
DATE.

DRAWING TITLE: OVERALL COURT LAYOUT

AS NOTED
SCALE AT A4.

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CHECKED.

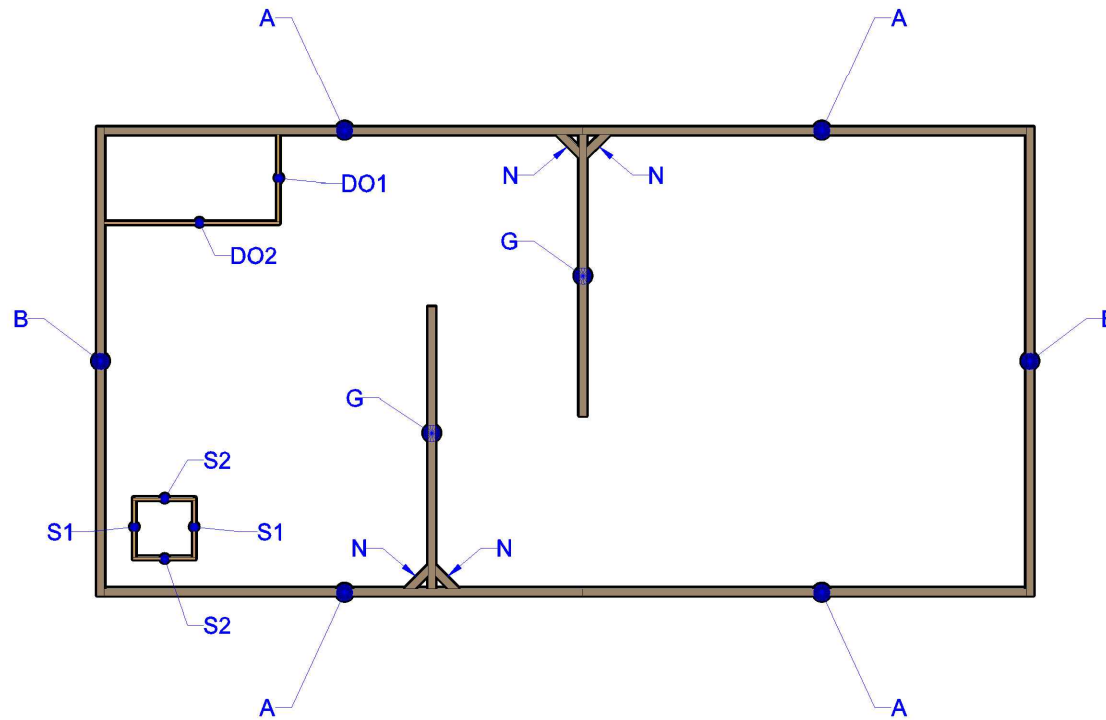
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REVISION.



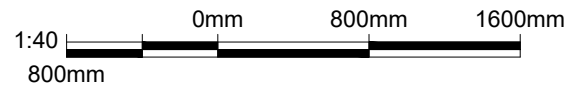
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NOTES:

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.



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



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PROJECT: SCNC VANCOUVER 2022 - ROBOTICS

SCNC_RC_2022_2
DRAWING NO.

T2022
PROJECT NO.

08/02/21
DATE.

DRAWING TITLE: PARTS LABELLING (SHEET 1 OF 4)

AS NOTED
SCALE AT A4.

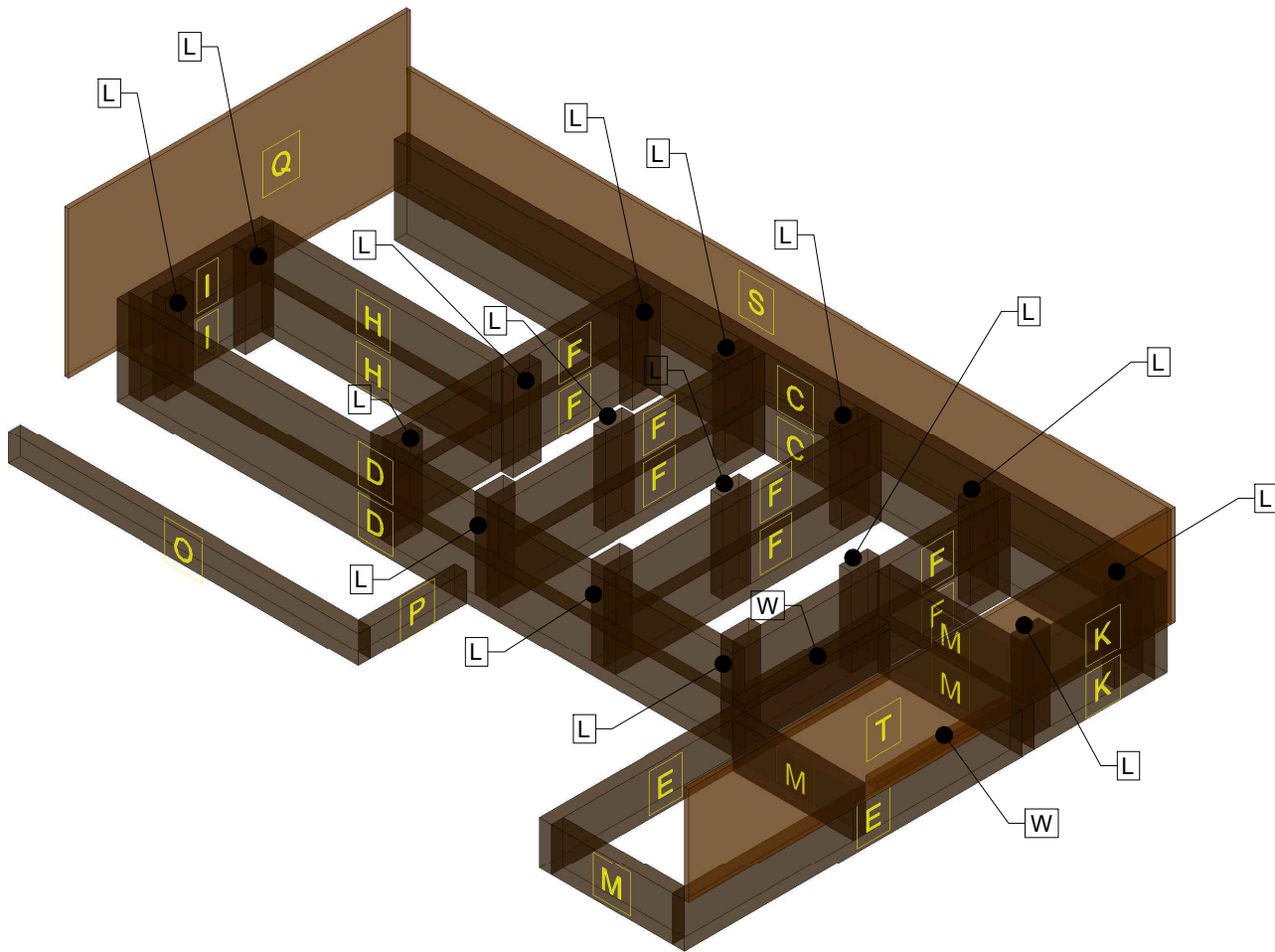
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① UPPER MINE PARTS LABELLING
SCALE = N.T.S.

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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PROJECT: SCNC VANCOUVER 2022 - ROBOTICS

SCNC_RC_2022_3
DRAWING NO.

T2022
PROJECT NO.
08/02/21
DATE.

DRAWING TITLE:
PARTS LABELLING (SHEET 2 OF 4)

AS NOTED
SCALE AT A4.

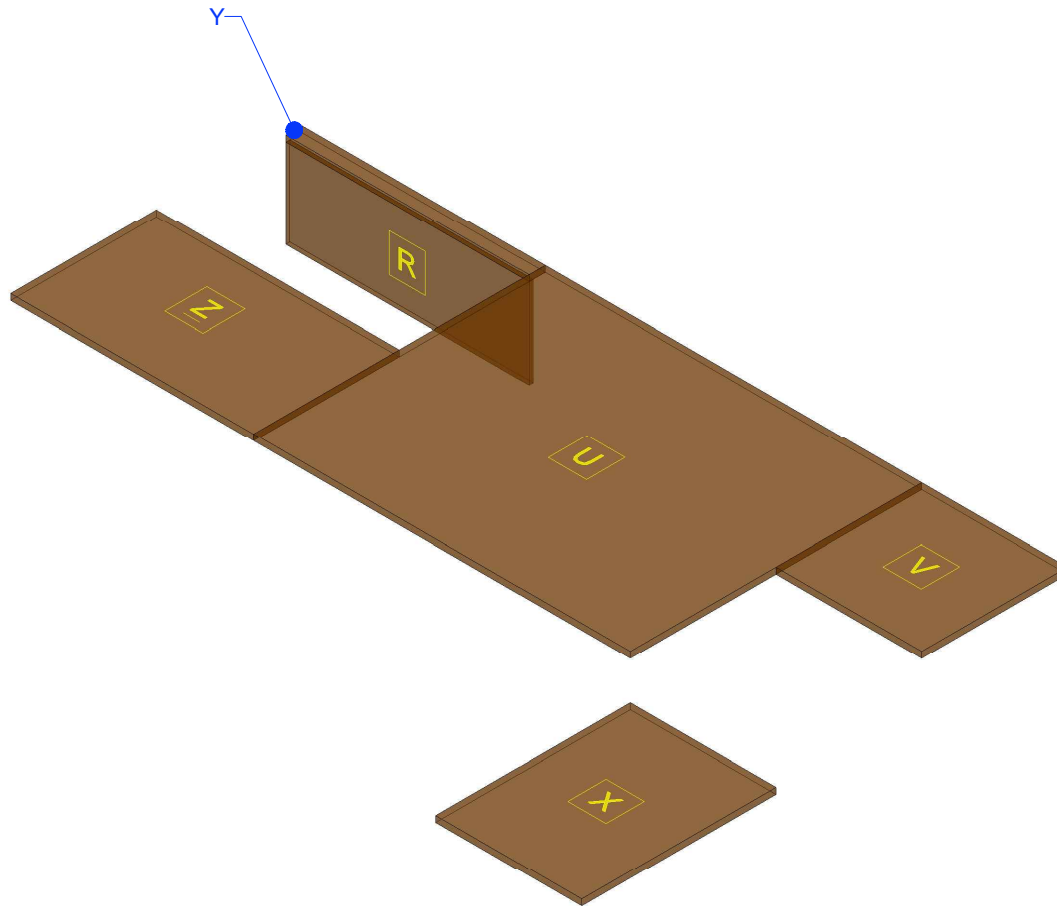
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DRAWN.

DD
CHECKED.

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REVISION.



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

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.

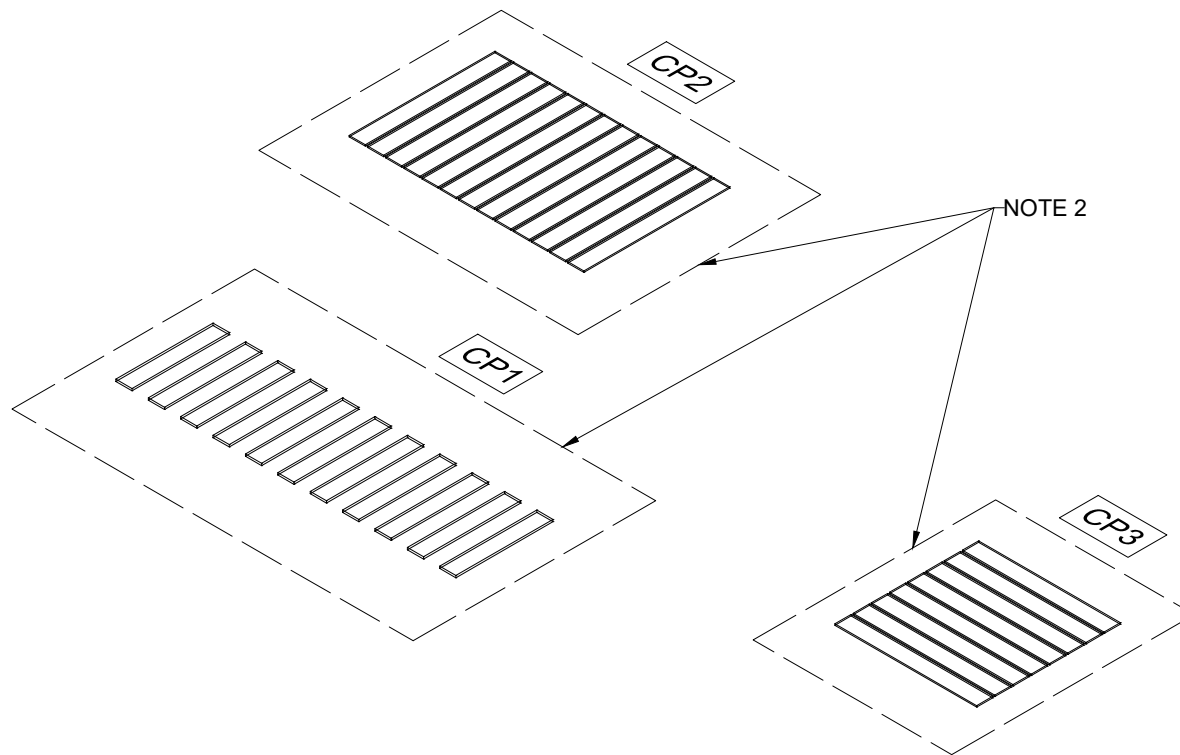
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REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT: SCNC VANCOUVER 2022 - ROBOTICS	SCNC_RC_2022_4 DRAWING NO.	T2022 PROJECT NO.	08/02/21 DATE.
DRAWING TITLE: PARTS LABELLING (SHEET 3 OF 4)	AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.
			0 REVISION.



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

NOTES:

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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.

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PROJECT: SCNC VANCOUVER 2022 - ROBOTICS

SCNC_RC_2022_5
DRAWING NO.

T2022
PROJECT NO.

08/02/21
DATE.

DRAWING TITLE: PARTS LABELLING (SHEET 4 OF 4)

AS NOTED
SCALE AT A4.

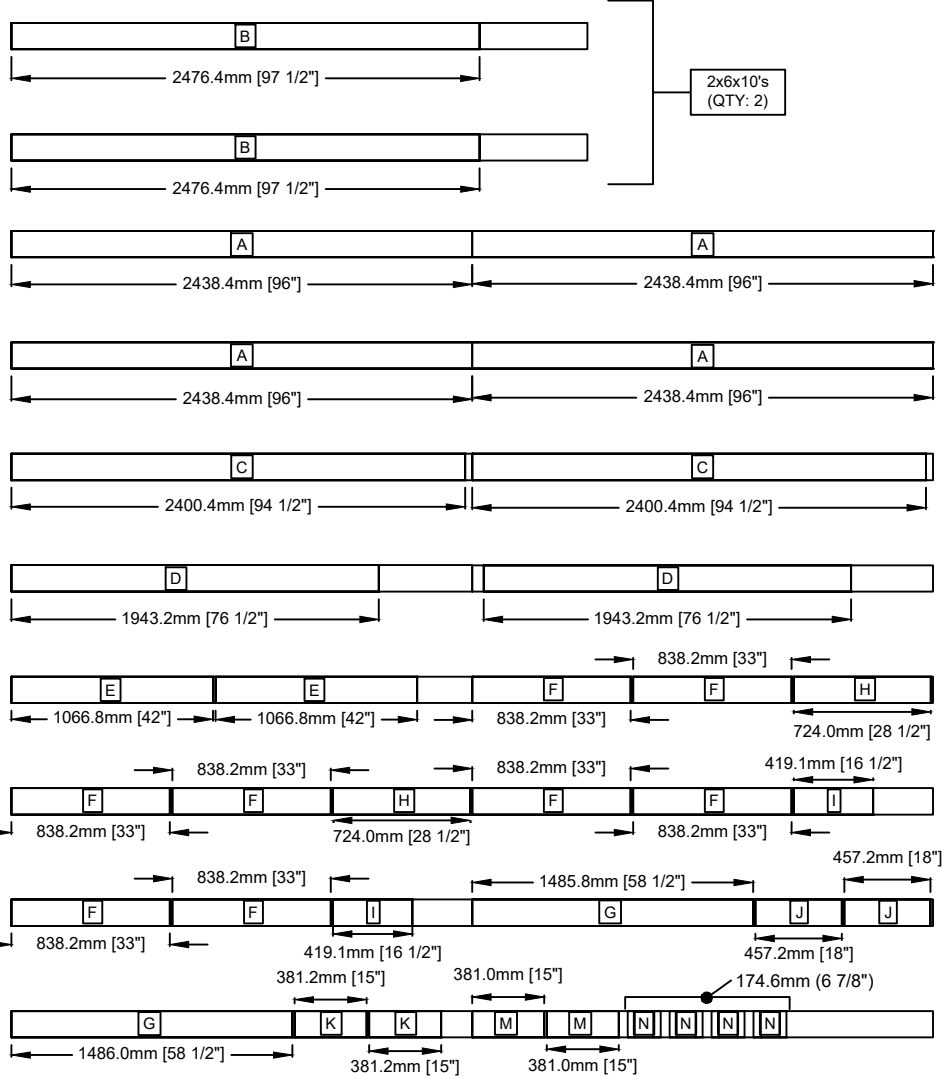
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CHECKED.

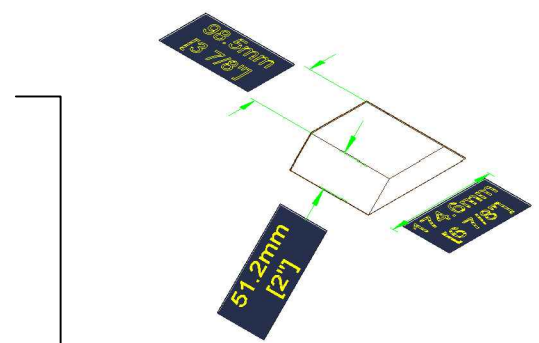
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REVISION.



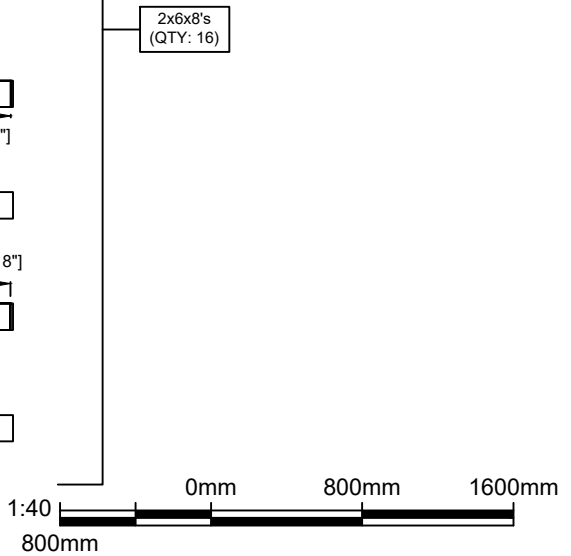
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① 2x6" LUMBER DIMENSIONS
SCALE = 1:40



② 'N' PIECE DIMENSIONS
SCALE = 1:40

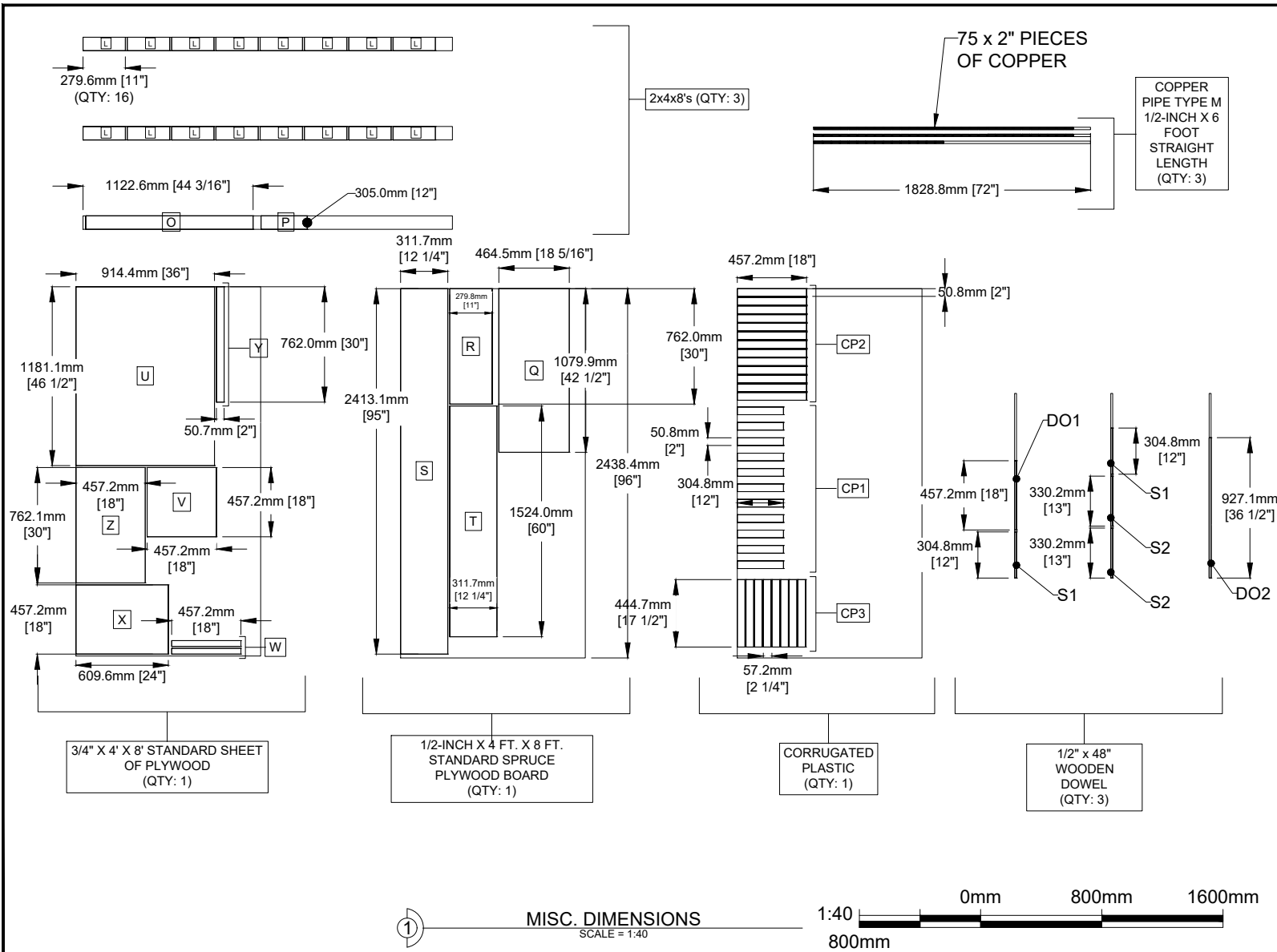


NOTES:

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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PROJECT: SCNC VANCOUVER 2022 - ROBOTICS	SCNC_RC_2022_6 DRAWING NO.	T2022 PROJECT NO.	08/02/21 DATE.	 SKILLS CANADA 294 Albert Street, Suite 201 Ottawa, Ontario 1 (877) 754-5226
DRAWING TITLE: 2x6" DIMENSIONS (SHEET 1 OF 2)	AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.	



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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0	ISSUED FOR SCOPE DOCUMENT	SM	AUG. 02/21
REV:	DESCRIPTION:	BY:	DATE:
REVISIONS			

PROJECT: SCNC VANCOUVER 2022 - ROBOTICS	SCNC_RC_2022_7 <small>DRAWING NO.</small>	T2022 <small>PROJECT NO.</small>	08/02/21 <small>DATE.</small>	SKILLS CANADA 294 Albert Street, Suite 201 Ottawa, Ontario 1 (877) 754-5226
DRAWING TITLE: MATERIAL DIMENSIONS (SHEET 2 OF 2)	AS NOTED <small>SCALE AT A4.</small>	SM <small>DRAWN.</small>	DD <small>CHECKED.</small>	

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.

2021 Skills National Robotics Competition: Bill of Materials (1 Court)

Description ²	Quantity	Web Url
2" x 6" x 10' Standard SPF Dimension Lumber	2	https://bit.ly/306D9cx
2" x 6" x 8' Standard SPF Dimension Lumber	16	https://bit.ly/2BzgyvA
2" x 4" x 8' Standard SPF Dimension Lumber	3	https://bit.ly/2OZstZ
3/4" x 4' x 8' Standard Sheet of Plywood	1	https://bit.ly/3zrOX7T
1/2-inch x 4 ft. x 8 ft. Standard Spruce Plywood Board	1	https://bit.ly/3kQfE1Y
0.157-inch x 48-inch x 96-inch White Corrugated Plastic Sheet	1	https://bit.ly/3y3eDYc
Type M 1/2-inch x 6 Foot Straight Length Copper Pipe	3	https://bit.ly/3zuBNXS
Low Quality Gold Foam Ball (Pack of 10)	2	https://amzn.to/3wXSPF5
1" Chrome Steel Bearing Balls G25 (Pack of 10)	1	https://amzn.to/3rsxxFw
1/2" x 48" Square Wooden Dowel	3	https://bit.ly/3BLCca9

1 BILL OF MATERIALS
SCALE = N/A

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PROJECT: SCNC VANCOUVER 2022 - ROBOTICS	SCNC_RC_2022_8 DRAWING NO.	T2022 PROJECT NO.	08/02/21 DATE.
DRAWING TITLE: BILL OF MATERIALS	AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.
		0 REVISION.	



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