

- NOTES:**
1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.
 2. TEAM COURT AREAS ARE MIRRORED ALONG THE MIDDLE AXIS. DIMENSIONS ARE ALSO MIRRORED.

- LEGEND:**
- DIRECTION OF SPOUT
 - [S] SHORT TREE
 - [T] TALL TREE
 - [Sap.] SAPLING
 - [R] ROCK (SAPLING BASE CAP)

-	-	-	-
-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL 31/23
REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT: PSCC 2024 - Mobile Rcotics		PSCC_RC_2024_1 DRAWING NO.		T2024 PROJECT NO.		09/26/23 DATE.	
DRAWING TITLE: OVERALL ROUND ROBIN COURT LAYOUT		AS NOTED SCALE AT A4.		SM DRAWN.		DD CHECKED.	
				0 REVISION.			

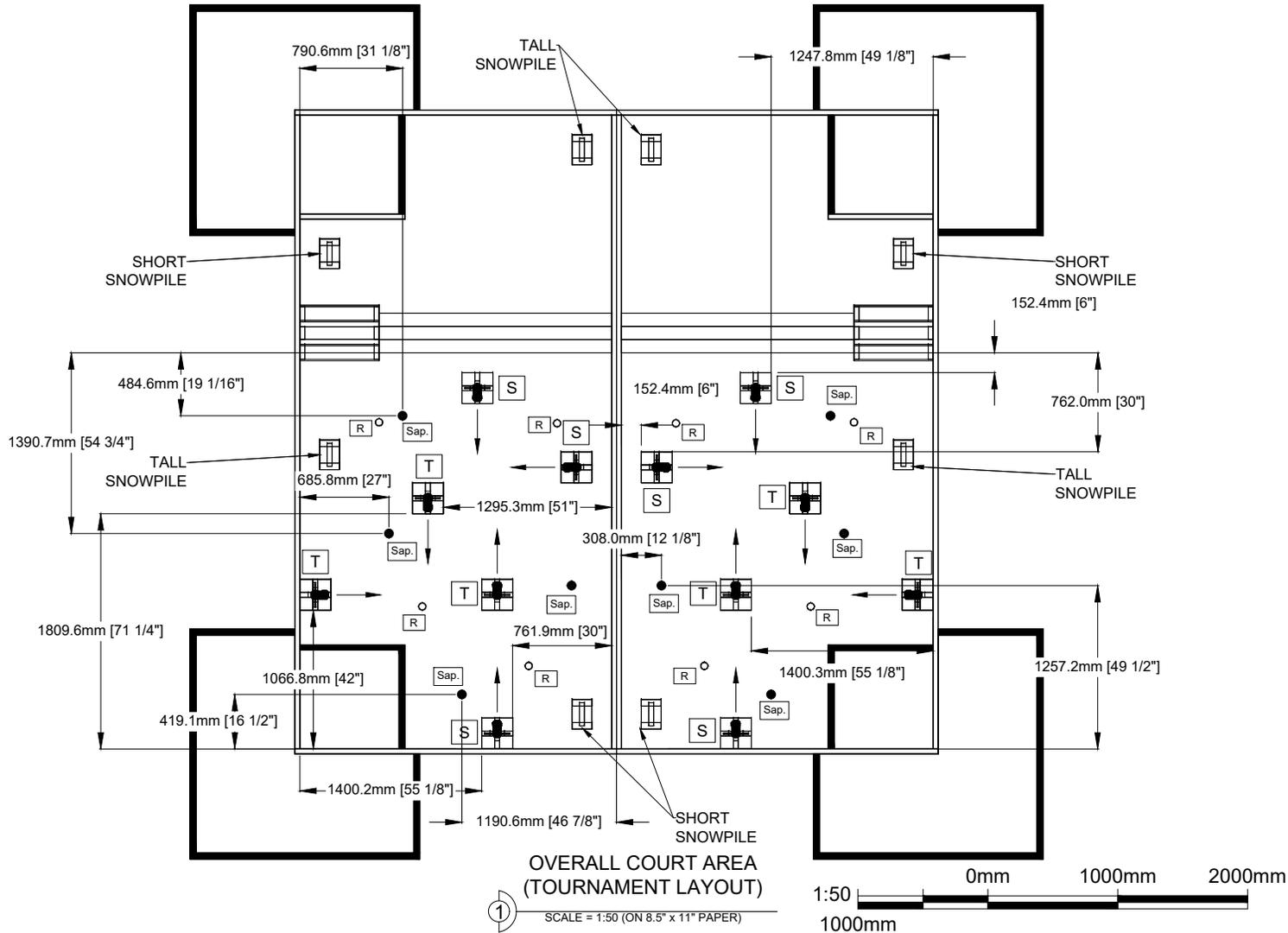
Skills Canada Alberta

NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.
2. TEAM COURT AREAS ARE MIRRORED ALONG THE MIDDLE AXIS. DIMENSIONS ARE ALSO MIRRORED.

LEGEND:

- DIRECTION OF SPOUT
- [S] SHORT TREE
- [T] TALL TREE
- [Sap.] SAPLING
- [R] ROCK (SAPLING BASE CAP)



-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL 31/23
REV:	DESCRIPTION:	BY:	DATE:
REVISIONS			

PROJECT:
PSCC 2024 - MOBILE ROBOTICS

PSCC_RC_2024_2
DRAWING NO.

T2024
PROJECT NO.

09/26/23
DATE.

DRAWING TITLE:
OVERALL TOURNAMENT LAYOUT

AS NOTED
SCALE AT A4.

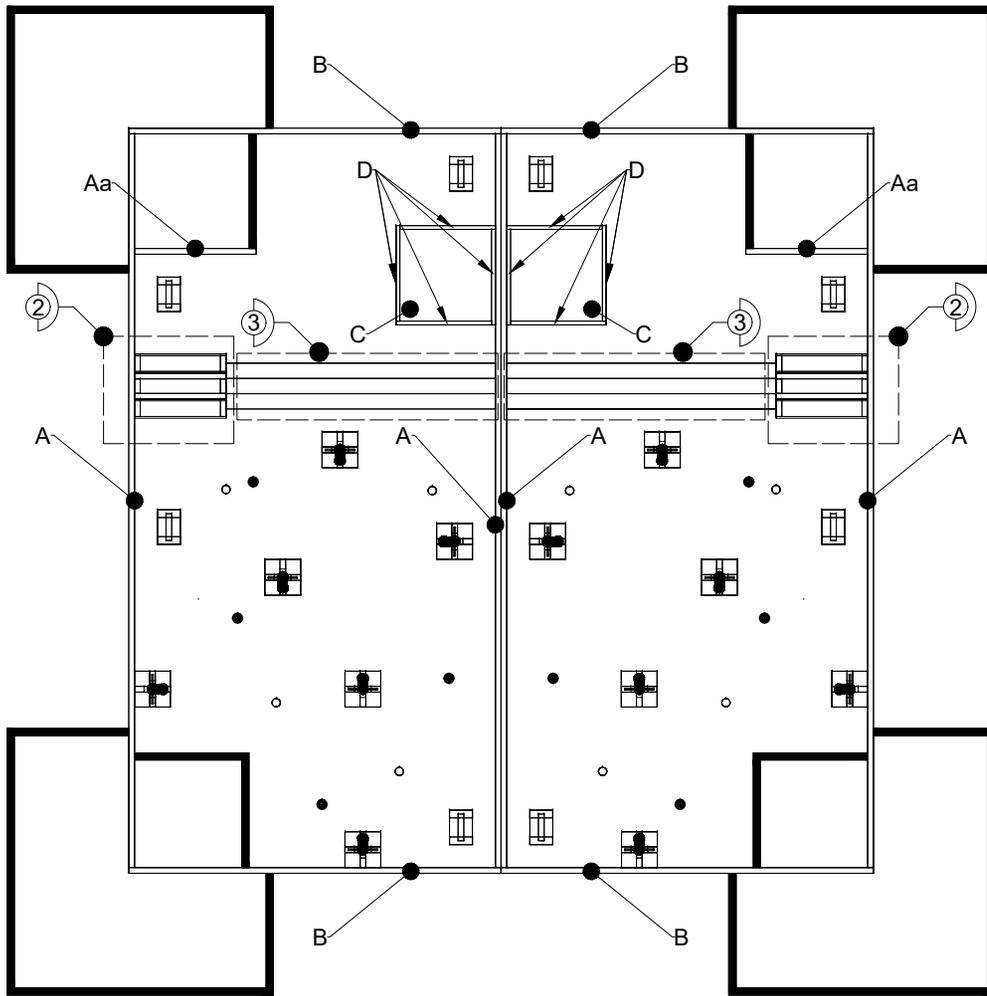
SM
DRAWN.

DD
CHECKED.

0
REVISION.

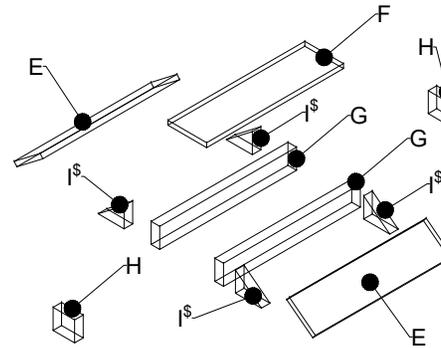


Skills Canada Alberta

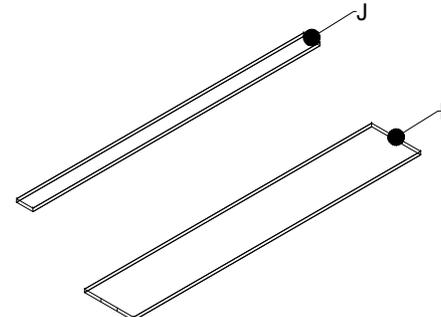


MAIN STRUCTURAL PIECES LABELLING

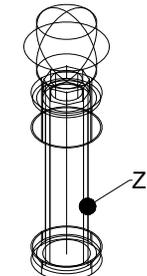
SCALE = 1:50 (ON 8.5" x 11" PAPER)



② RAMP ASSEMBLY DETAILS
SCALE = N/A



③ RAMP ASSEMBLY DETAILS
SCALE = N/A



④ SAPLING PART LABELLING
SCALE = N/A

NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.
2. TEAM COURT AREAS ARE MIRRORED ALONG THE MIDDLE AXIS. DIMENSIONS ARE ALSO MIRRORED.

KEYNOTES:

\$ NOTED PIECES TO BE ANGLE CUT. SEE DIMENSIONS SHEET FOR DETAILS

-	-	-	-
-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL. 31/23
REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT:
PSCC 2024 - MOBILE ROBOTICS

PSCC_RC_2024_3
DRAWING NO.

T2024
PROJECT NO.
09/26/23
DATE.

DRAWING TITLE:
PART LABELLING (1 OF 2)

AS NOTED
SCALE AT A4.

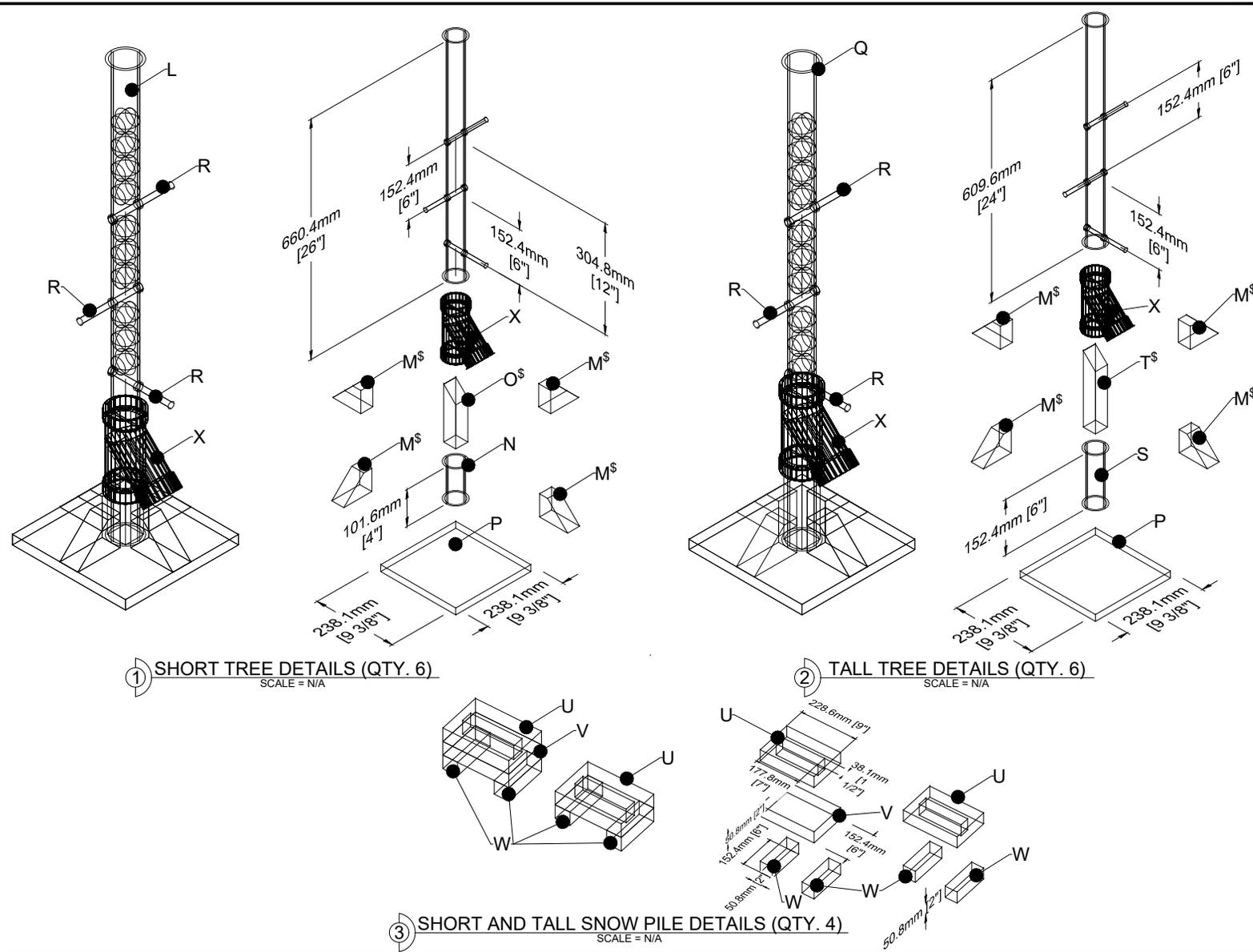
SM
DRAWN.

DD
CHECKED.

0
REVISION.



Skills Canada Alberta



NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.
2. TEAM COURT AREAS ARE MIRRORED ALONG THE MIDDLE AXIS. DIMENSIONS ARE ALSO MIRRORED.

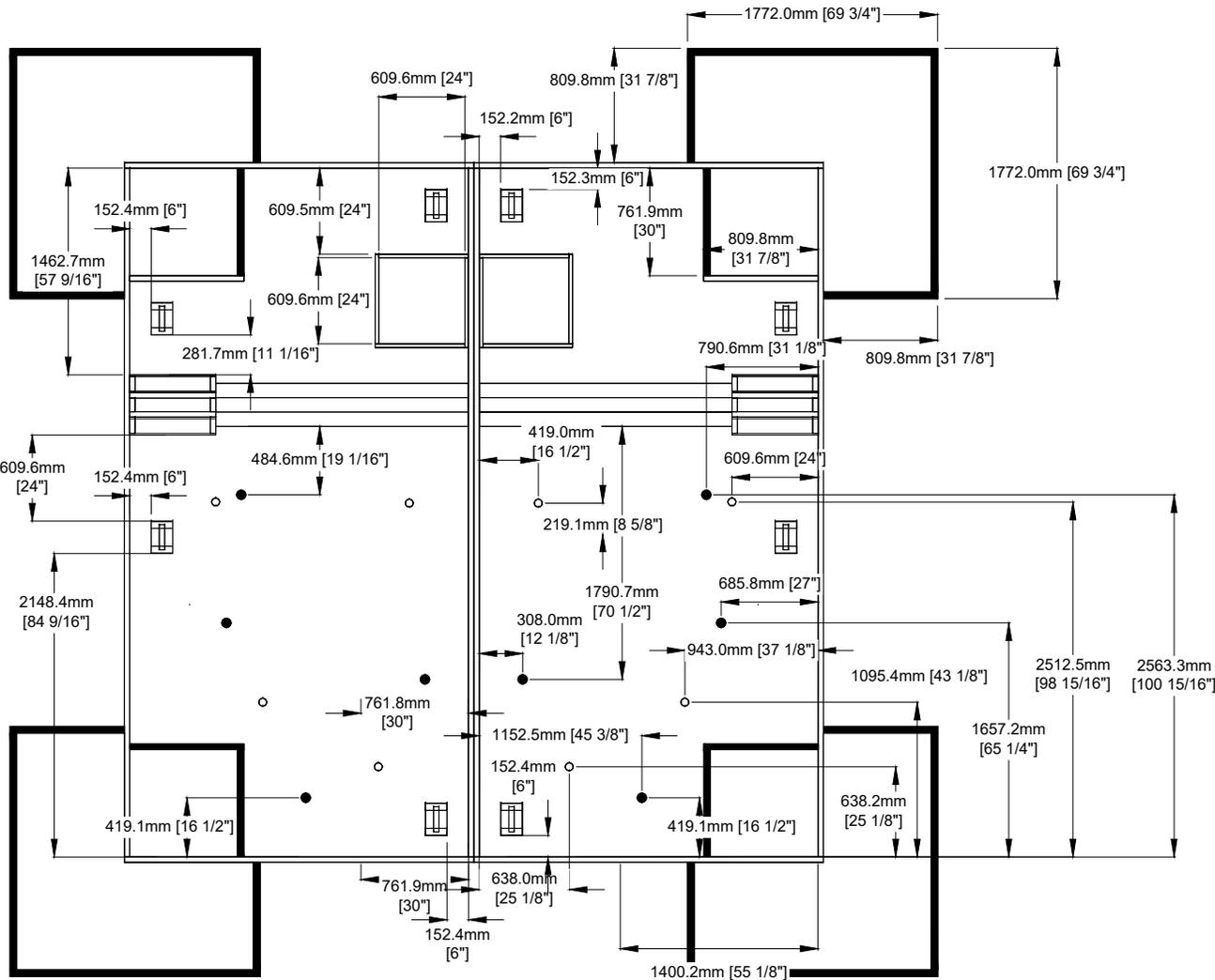
KEYNOTES:

\$ NOTED PIECES TO BE ANGLE CUT. SEE DIMENSIONS SHEET FOR DETAILS

REV:	DESCRIPTION:	BY:	DATE:
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL. 31/23

REVISIONS

PROJECT: PSCC 024 - MOBILE ROBOTICS		DRAWING NO.: PSCC_RC_2024_4		PROJECT NO.: T2024		DATE: 09/26/23		
DRAWING TITLE: PART LABELLING (2 OF 2)		AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.	0 REVISION.	Skills Canada Alberta		



① MAIN COURT DIMENSIONS
(ROUND ROBIN AND TOURNAMENT LAYOUTS)
SCALE = 1:50 (ON 8.5" x 11" PAPER)



NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.
2. TEAM COURT AREAS ARE MIRRORED ALONG THE MIDDLE AXIS. DIMENSIONS ARE ALSO MIRRORED.
3. SEE OVERALL COURT AREA DRAWING FOR SPECIFIC TREE DIMENSION PLACEMENTS DEPENDING ON GAME TYPE.

-	-	-	-
-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL. 31/23
REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT:
PSCC 2024 - MOBILE ROBOTICS

PSCC_RC_2024_5
DRAWING NO.

T2024
PROJECT NO.
09/26/23
DATE.

DRAWING TITLE:
COURT DIMENSIONS

AS NOTED
SCALE AT A4.

SM
DRAWN.

DD
CHECKED.

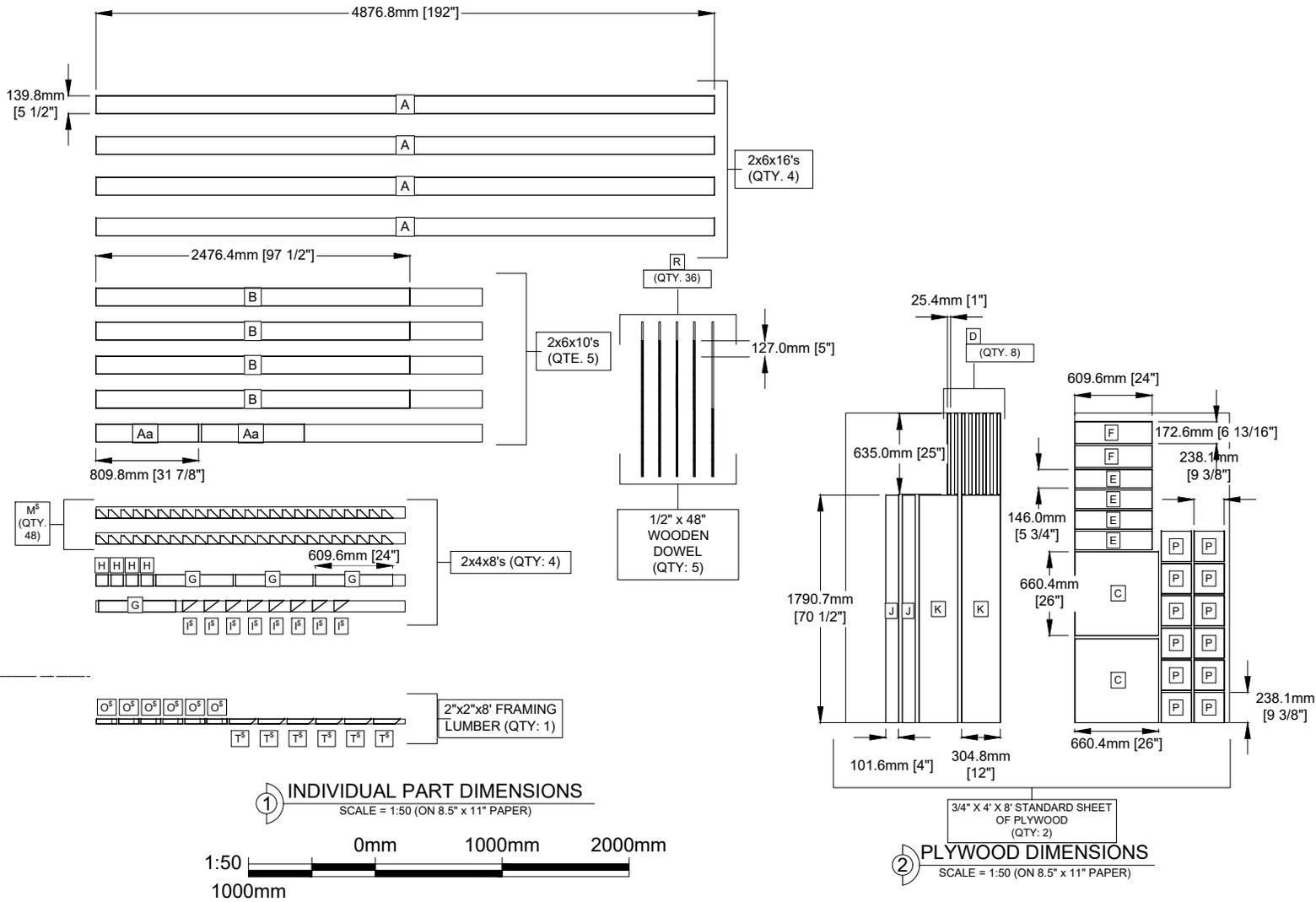
0
REVISION.



Skills Canada Alberta

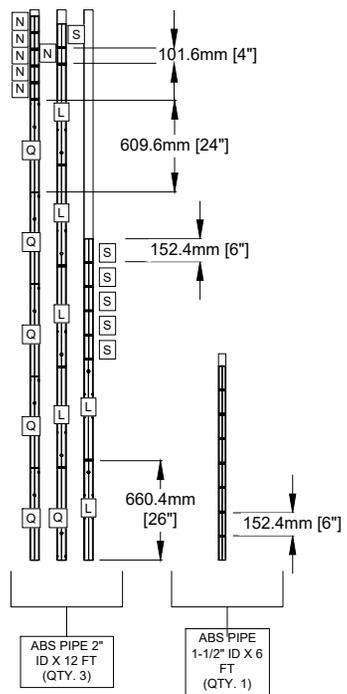
NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.

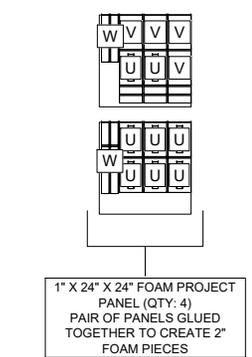


-	-	-	-
-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL. 31/23
REV:	DESCRIPTION:	BY:	DATE:
REVISIONS			

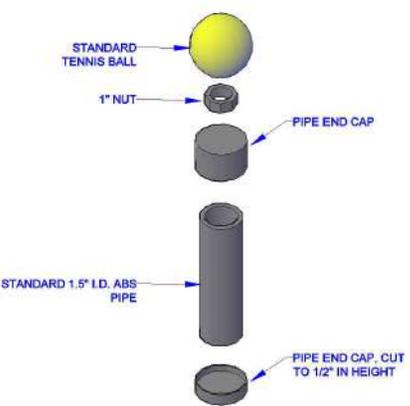
PROJECT: PSCC 2024 - MOBILE ROBOTICS		DRAWING NO.: PSCC_RC_2024_6		PROJECT NO.: T2024		DATE: 09/26/23		
DRAWING TITLE: PART DIMENSIONS (1 OF 2)		AS NOTED SCALE AT A4.	SM DRAWN.	DD CHECKED.	0 REVISION.	Skills Canada Alberta		



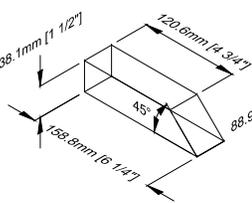
① **PIPE DETAILS**
SCALE = 1:50 (ON 8.5" x 11" PAPER)



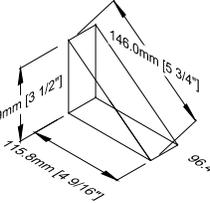
② **FOAM DETAILS**
SCALE = 1:50 (ON 8.5" x 11" PAPER)



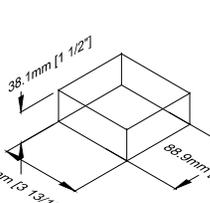
③ **POLE DETAILS**
SCALE = N/A



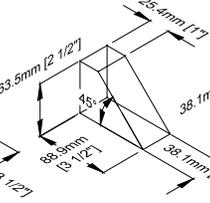
④ **O DIMENSIONS**
SCALE = N/A



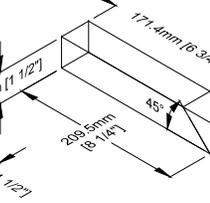
⑤ **I DIMENSIONS**
SCALE = N/A



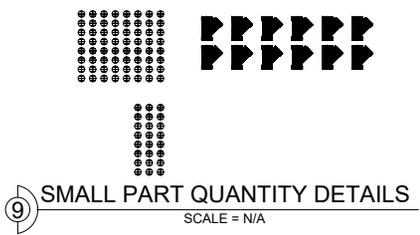
⑥ **H DIMENSIONS**
SCALE = N/A



⑦ **M DIMENSIONS**
SCALE = N/A



⑧ **T DIMENSIONS**
SCALE = N/A



⑨ **SMALL PART QUANTITY DETAILS**
SCALE = N/A

NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.
2. TEAM COURT AREAS ARE MIRRORED ALONG THE MIDDLE AXIS.
3. SEE OVERALL COURT AREA DRAWING FOR SPECIFIC TREE DIMENSION PLACEMENTS DEPENDING ON GAME TYPE.

-	-	-	-
-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL. 31/23
REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT:
PSCC 2024 - MOBILE ROBOTICS

PSCC_RC_2024_7
DRAWING NO.

T2024
PROJECT NO.
09/26/23
DATE.

DRAWING TITLE:
PART DIMENSIONS (2 OF 2)

AS NOTED
SCALE AT A4.

SM
DRAWN.

DD
CHECKED.

0
REVISION.



Skills Canada Alberta

NOTES:

1. ALL MATERIALS LISTED ON ALL DRAWINGS REPRESENT INFORMATION AND DIMENSIONS FOR A FULL COURT AREA CONSISTING OF 2 TEAM COURT AREAS.

<u>Description</u>	<u>Web Url</u>	<u>Quantity</u>
2" x 6" x 16' Standard SPF Dimension Lumber	https://shorturl.at/lpr46	4
2" x 6" x 10' Standard SPF Dimension Lumber	https://shorturl.at/ctATV	5
2" x 4" x 8' Standard SPF Dimension Lumber	https://shorturl.at/suK67	4
2" x 2" x 8' Framing Lumber	https://shorturl.at/gHUOX	1
1/2" x 48" Round Wooden Dowel	https://tinyurl.com/wdwwel	5
3/4" x 4' x 8' Standard Sheet of Plywood	https://tinyurl.com/5n7bkrrn	2
2" x 12' Cell Core ABS Pipe	https://tinyurl.com/12ftABSSC	3
1-1/2" x 6' Cell Core ABS Pipe	https://tinyurl.com/732rn4d	1
1" x 24" x 24" Foam Project Panel	https://tinyurl.com/433fx3kj	1
2" ABS 45 Degree Wye H x H x H	https://tinyurl.com/563fuzxs	12
1-1/2" ABS Slip On Test Cap	https://tinyurl.com/2m9bneuw	24
Steel Hex Nut, Zinc Plated Finish, Grade 5, 1" - 8 Threads	https://tinyurl.com/42vyam3v	2
Tennis Balls + 1 Extra Set	https://tinyurl.com/ymewejta	5
Foam Balls (qty. 12 in each pack)	https://tinyurl.com/2mmcn6t8	10
Red Foam Balls	https://tinyurl.com/redgolfball	3

1 BILL OF MATERIALS
SCALE = N/A

-	-	-	-
-	-	-	-
0	ISSUED FOR SCOPE DOCUMENT	SM	JUL. 31/23
REV:	DESCRIPTION:	BY:	DATE:

REVISIONS

PROJECT:
PSCC 2024 - MOBILE ROBOTICS

PSCC_RC_2024_8
DRAWING NO.

T2024
PROJECT NO.
09/26/23
DATE.

DRAWING TITLE:
BILL OF MATERIALS

AS NOTED
SCALE AT A4.

SM
DRAWN.

DD
CHECKED.

0
REVISION.



Skills Canada Alberta