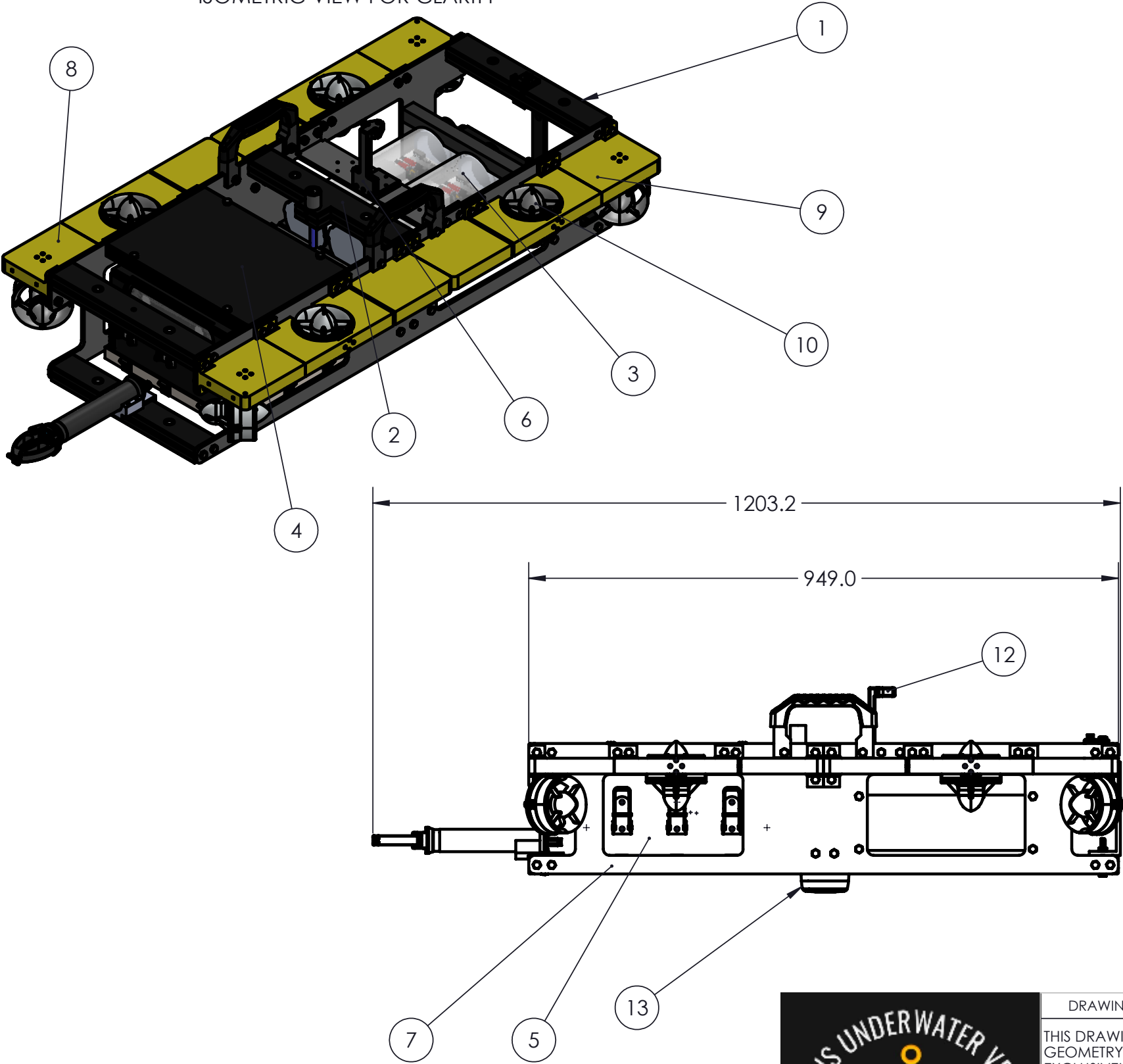
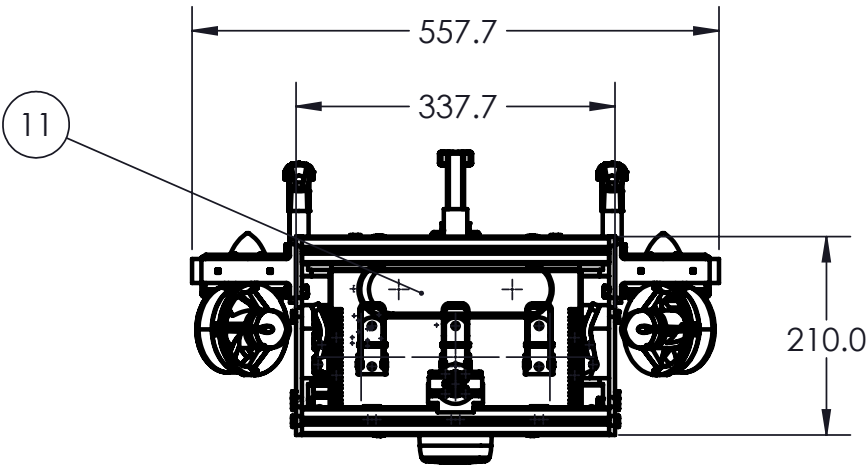


ISOMETRIC VIEW FOR CLARITY



ITEM NO.	DESCRIPTION	QTY.
1	50MM INNER JOINT	4
2	52 MM INNER JOINT	1
3	BATTERY PACK	1
4	EH JOINT PLATE	1
5	ELECTRICAL HOUSING	1
6	SENSOR PANEL	2
7	HDPE FRAME	2
8	SIDE WING A	2
9	SIDEWING B	2
10	T200 BLUE ROBOTICS THRUSTERS	8
11	ZED 2I CAMERA	1
12	TELEDYNE TC4013-1 HYDROPHONE	3
13	BLUE ROBOTICS Ping360 Scanning Imaging Sonar	1



- NOTES:
1. REMOVE ALL SHARP EDGES
 2. SEE SUBSEQUENT SHEETS FOR DETAIL VIEWS



DRAWING CREATION DETAIL

THIS DRAWING AND THE BASE GEOMETRY WERE CREATED EXCLUSIVELY BY:

KENNESAW STATE UNIVERSITY
AUTONOMOUS UNDERWATER VEHICLE TEAM
AUV@KENNESAW.EDU
KSU.AUV@GMAIL.COM

FOR: VARIOUS

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
GENERAL TOLERANCES:
ANGULAR: MACH $\pm .5^\circ$ BEND $\pm .5^\circ$
TWO PLACE DECIMAL $\pm .015$ "
THREE PLACE DECIMAL $\pm .005$ "
ALL SURFACES $\square .010$ A B C

INTERPRET DRAWING PER: ASME 14.100-2013

INTERPRET GEOMETRIC TOLERANCING PER: ASME 14.5-2018

MATERIAL VARIOUS

FINISH AS MACHINED

DO NOT SCALE DRAWING

DRAWN SO

CHECKED

ENG APPR.


MFG APPR.

Q.A.

1 3rd ANGLE

NAME SO

DATE 6/23/2025



KENNESAW STATE UNIVERSITY
SOUTHERN POLYTECHNIC
COLLEGE OF ENGINEERING AND
ENGINEERING TECHNOLOGY

TITLE: TYPE X FULL ASSEMBLY

SIZE **B**

DWG. NO.
KSU-AUV-TYPE X

REV
6

SCALE: 1:8

WT(LB): 25420.9

SHEET 1 OF 1