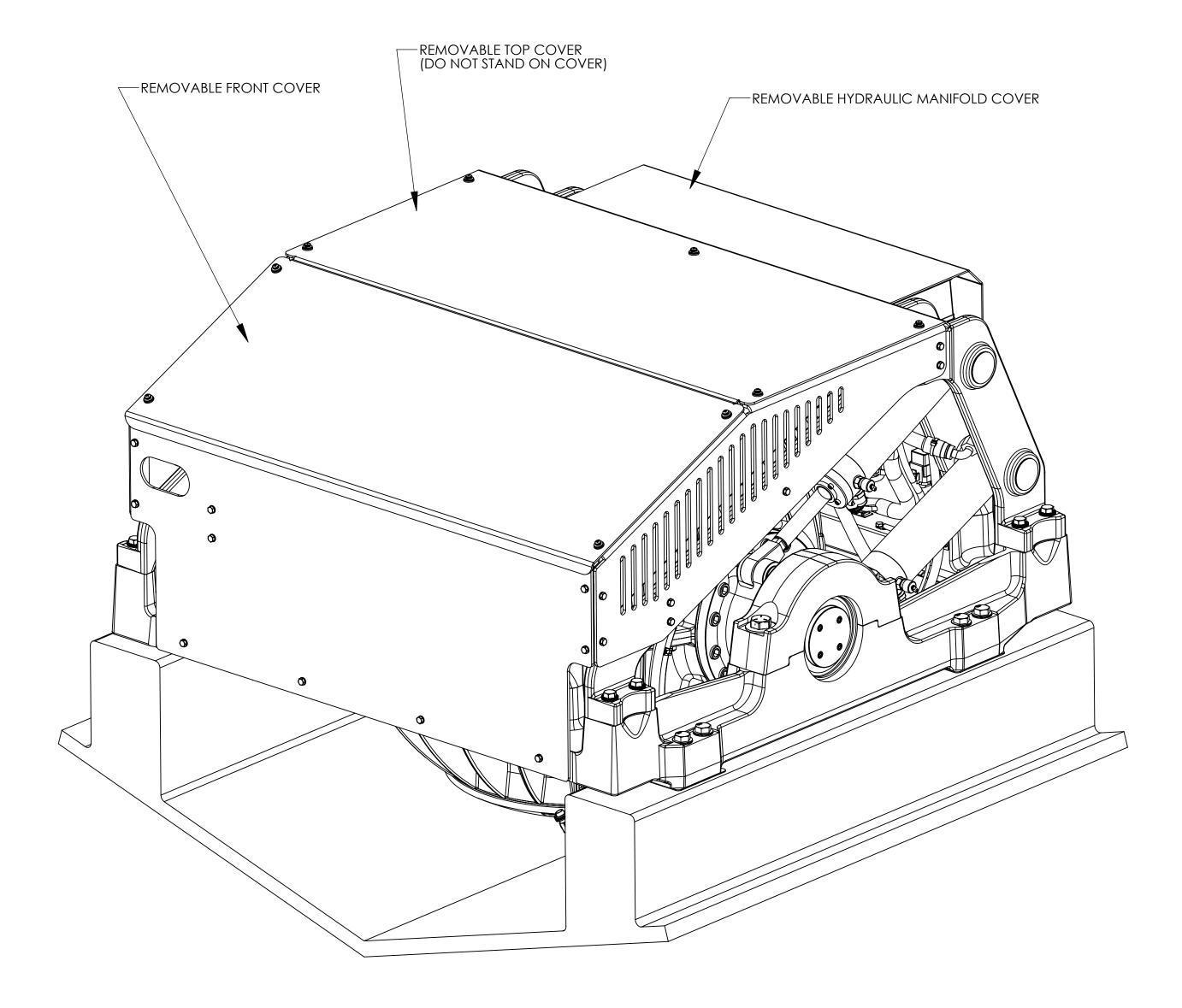
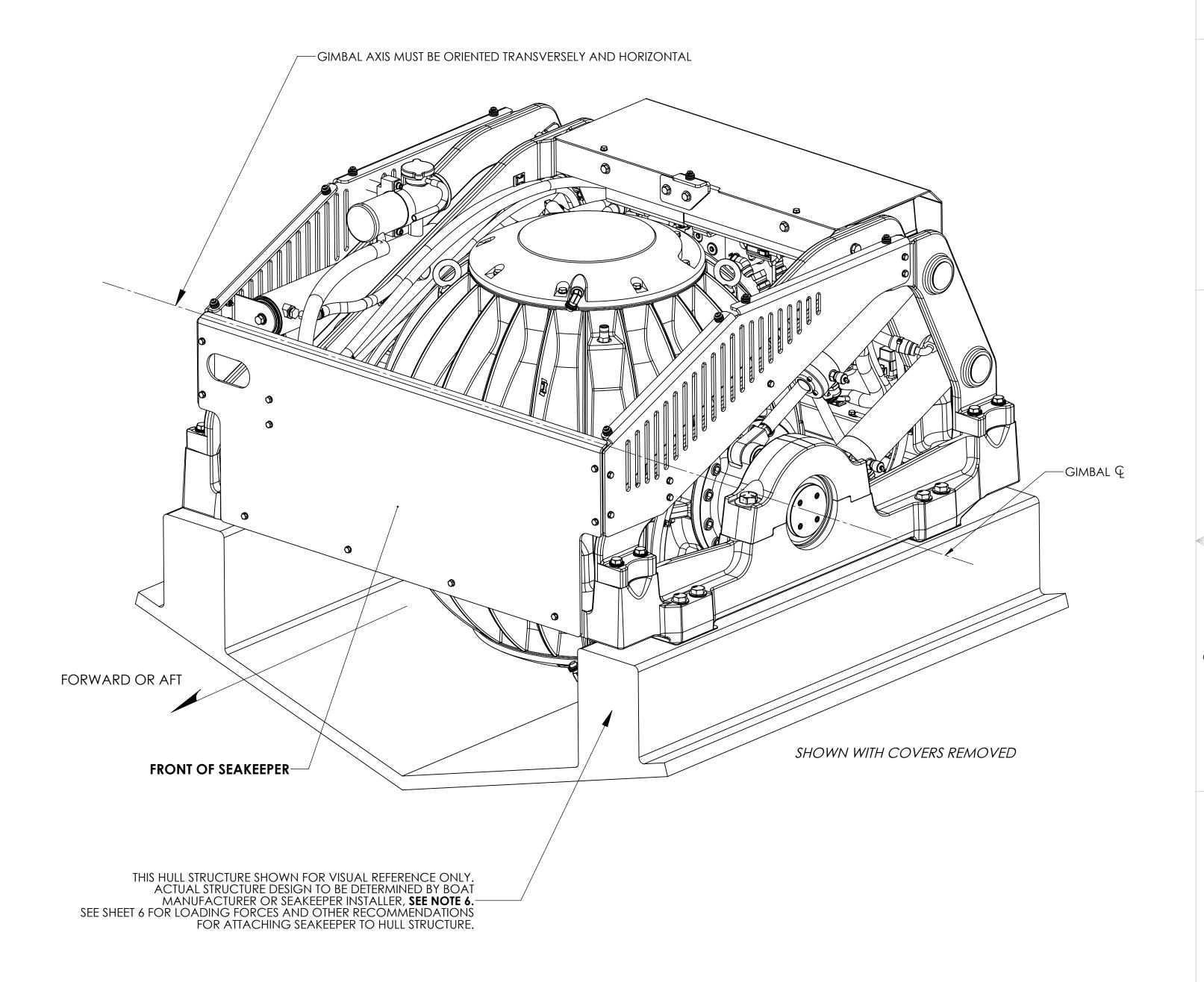
NOTES:

- 1) SEE REFERENCES 1 THROUGH 7 FOR RELATED INSTALLATION MANUAL AND ELECTRICAL / ELECTRONIC AND COOLING CIRCUIT DRAWINGS.
- 2) SEAKEEPER 18 ASSEMBLY WEIGHT = 2,460 LBS. (1,115.8 Kg) / ESTIMATED WEIGHT
- 3) RAW WATER COOLING REQUIREMENT IS BETWEEN 15 LPM (4 GPM) MINIMUM AND 30 LPM (8 GPM) MAXIMUM CONTINUOUS FLOW.
 PROVIDED CONNECTIONS ARE 19mm (3/4" INCH) HOSE BARB. USE OF RAW WATER STRAINER IS REQUIRED.
- 4) TWO LIFTING EYES ARE PROVIDED ON THE TOP OF THE SEAKEEPER SPHERE FOR USE WITH A SPREADER BAR (SEE SHEET 3). TOP COVER MUST BE REMOVED TO ACCESS LIFTING EYES.
- 5) COVERS ARE PROVIDED TO PREVENT PERSONNEL OR EQUIPMENT ENTANGLEMENT WHILE SEAKEEPER IS IN OPERATION.
 THESE COVERS ARE NOT TO BE STOOD ON OR TO HAVE ANYTHING STORED ON TOP OF. SEAKEEPER RECOMMENDS THE COVERS TO ALWAYS BE IN PLACE DURING OPERATION.
- 6) SEAKEEPER IS RECOMMENDED TO BE INSTALLED AFT OF AMIDSHIP TO MINIMIZE VERTICAL HIGH ACCELERATION LOADING DUE TO HULL/WAVE IMPACTS DURING OPERATION AT HIGH SPEED OR IN LARGE WAVES. SEAKEEPER DOES NOT NEED TO BE MOUNTED ON CENTERLINE. SEAKEEPER SUPPORT STRUCTURE MUST BE PARALLEL TO VESSEL WATERLINE.
- 7) SEAKEEPER MAY BE INSTALLED FACING FORWARD OR AFT AS SHOWN. SEAKEEPER ORIENTATION SHOULD BE SELECTED TO PROVIDE THE MOST ACCESSABILITY FOR FUTURE SERVICE AND MAINTENANCE. INSTALLATION, START-UP, AND OPERATION IS THE SAME REGARDLESS OF SEAKEEPER ORIENTATION.
- 8) WHEN INSTALLING, SEAKEEPER RECOMMENDS USING INATALLATION TEMPLATE, #90282. THIS FIXTURE WILL PROPERLY SPACE AND LOCATE HOLES TO BE DRILLED IN HULL STRUCTURE FOR BOLT-IN OF SEAKEEPER FOUNDATION.



REV NO.	ECN NO.	ZONE	DESCRIPTION	DATE	APPRVD.
1	0757		INITIAL RELEASE	12/12/2019	WMG
2	0844	SHT5, F5 SHT5, C4	UPDATED "SEAKEEPER RECOMMENDS USING A THREAD LOCKING COMPOUND SUCH AS ANTI-SEIZE" TO "APPLY A MODERATE COAT OF MARINE ANTI-SEIZE ON ALL BOLTS"	8/19/2020	WMG
3	0803		UPDATED OVERALL WEIGHT AND REFERENCES ON SHT 1, ADDED SHT 5 IN-FIELD BRG REPLACEMENT CLEARANCES, ADDED BOLT-IN KIT DETAILS ON SHT 6.	6/4/2021	EMS



3

SHEET 2 - SEAKEEPER FOUNDATION DIMENSIONS.

SHEET 3 - RECOMMENDED LIFTING POINTS.

SHEET 4 - RECOMMENDED CLEARANCES TO HULL STRUCTURE.

SHEET 5 - SERVIVE CLEARANCES FOR IN-FIELD BEARING REPLACEMENT.

SHEET 6 - SEAKEEPER LOADS FOR HULL STRUCTURE DESIGN & MOUNTING DETAILS.

WEIGHT - LBS:

MATERIAL:

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SEAKEEPER INCORPORATED. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SEAKEEPER IS PROHIBITED.

DRAWN:

DATE:

WMG 040CT19

ENG APPR:
DMF 12DEC19

PROD APPR:
DATE:
DMF 12DEC19

SEAKEEPER

Seakeeper Inc. 45310 Abell House Lane, Suite 350 California, MD 20619

NAME:

SEAKEEPER

SEAREEPER

SEAKEEPER 18 BOLT-IN
INSTALLATION GUIDE
UMBER IREV NOTSH

90544 REV. NO. SHEET NO. 3 1 OF 6

5 90672 SEAKEEPER 18 INSTALLATION MANUAL
6 90548 SEAKEEPER 16/18 BOLT-IN KIT
7 90648 SEAKEEPER 16/18 THRU-BOLT KIT

DWG. TITLE

SEAKEEPER 16/18 COOLING WATER SCHEMATIC

OPERATOR DISPLAY ENVELOPE AND MOUNTING DETAILS

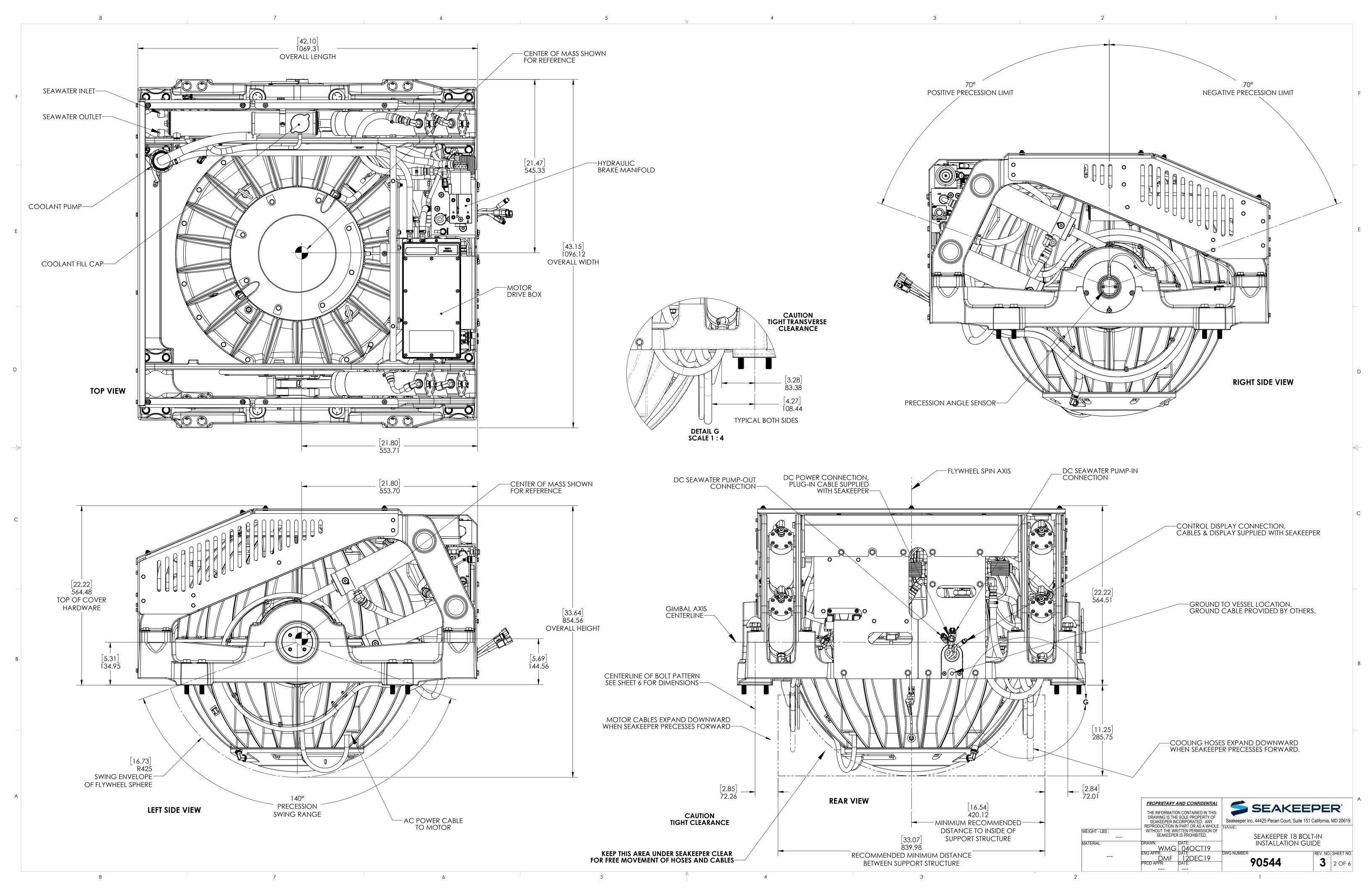
SEAKEEPER 18 CABLE BLOCK DIAGRAM

SEAKEEPER 16/18 INSTALLATION FIXTURE KIT

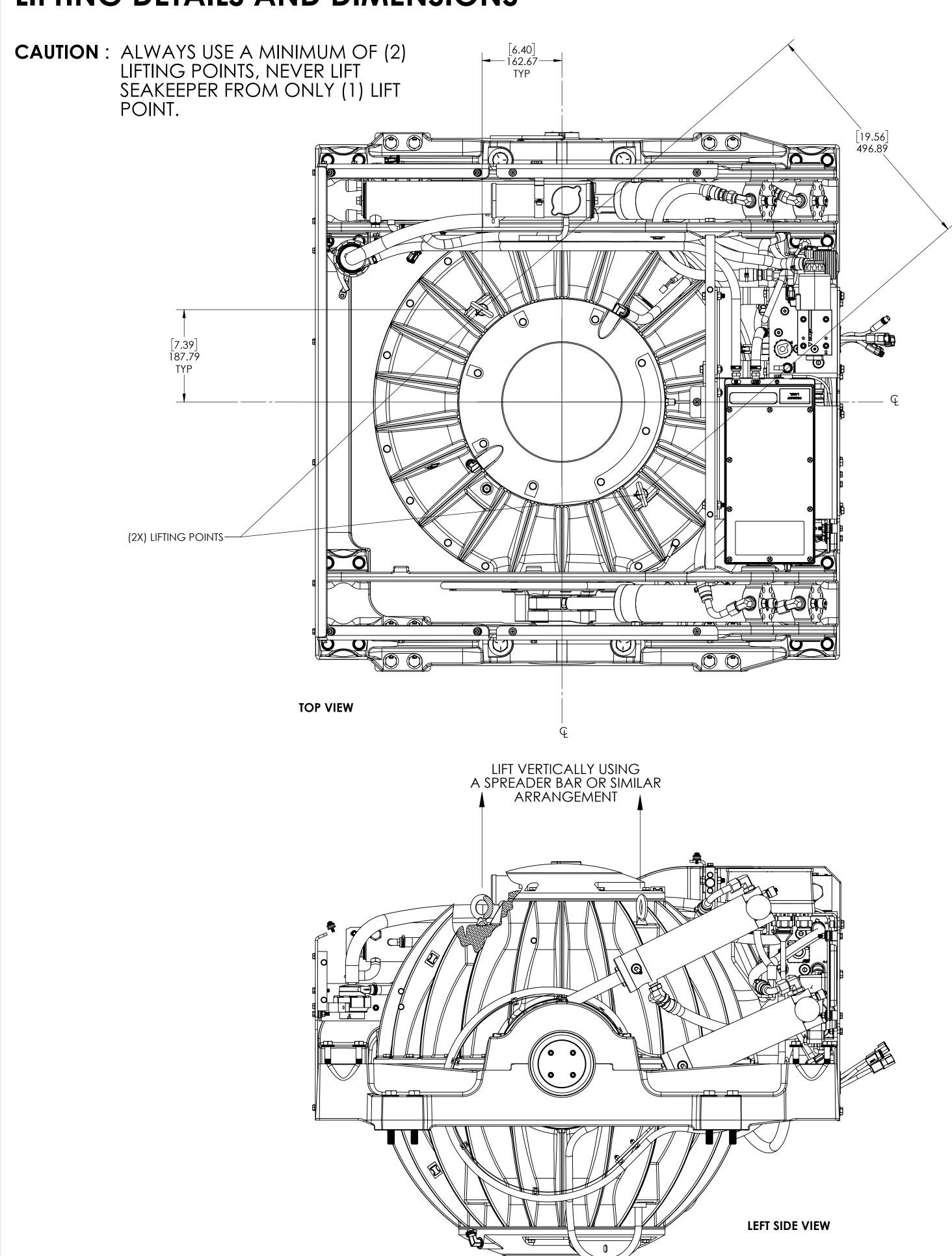
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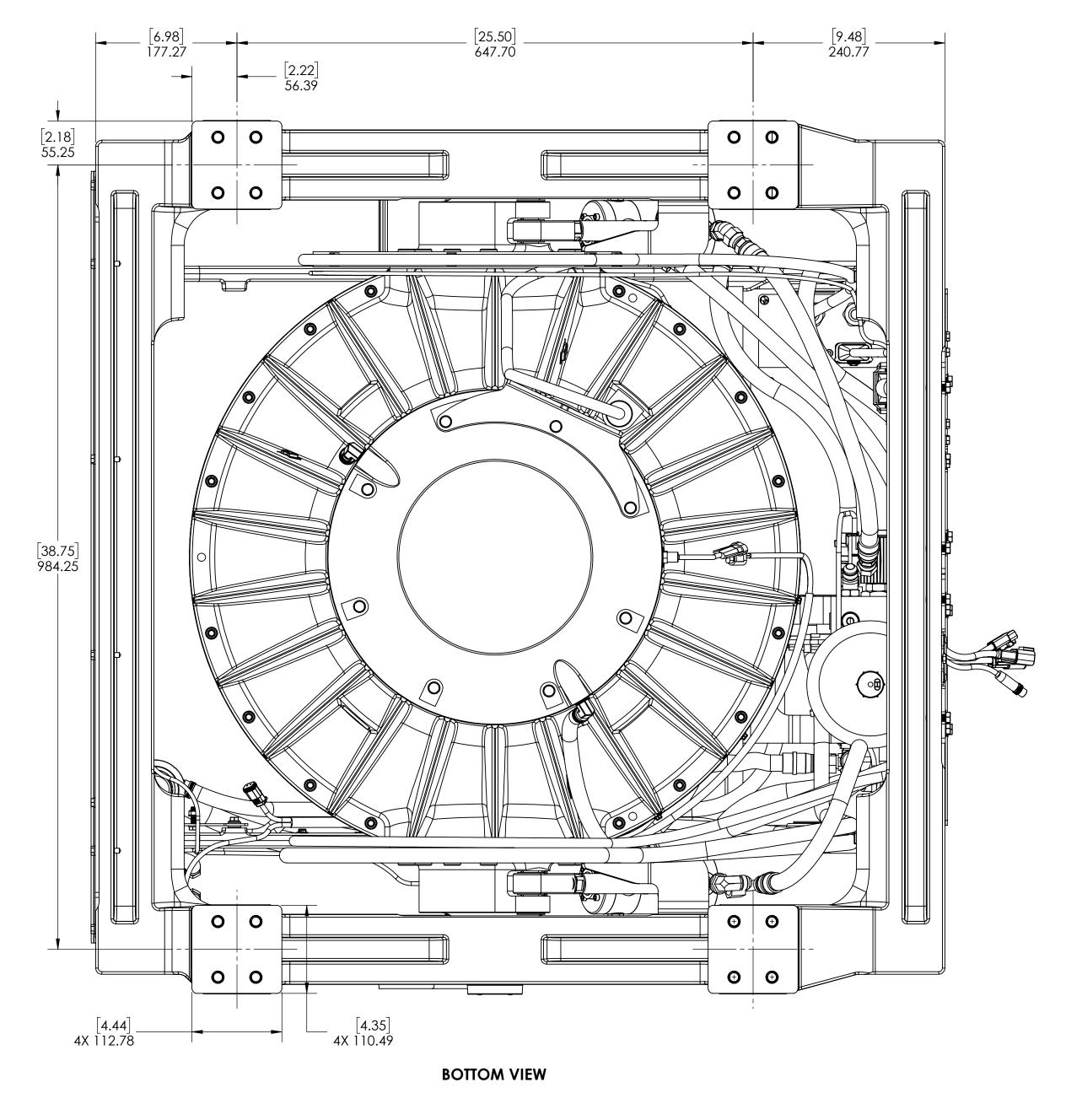
90438



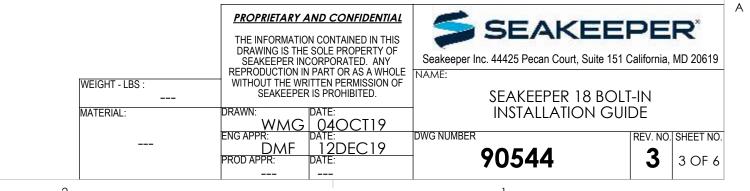
LIFTING DETAILS AND DIMENSIONS

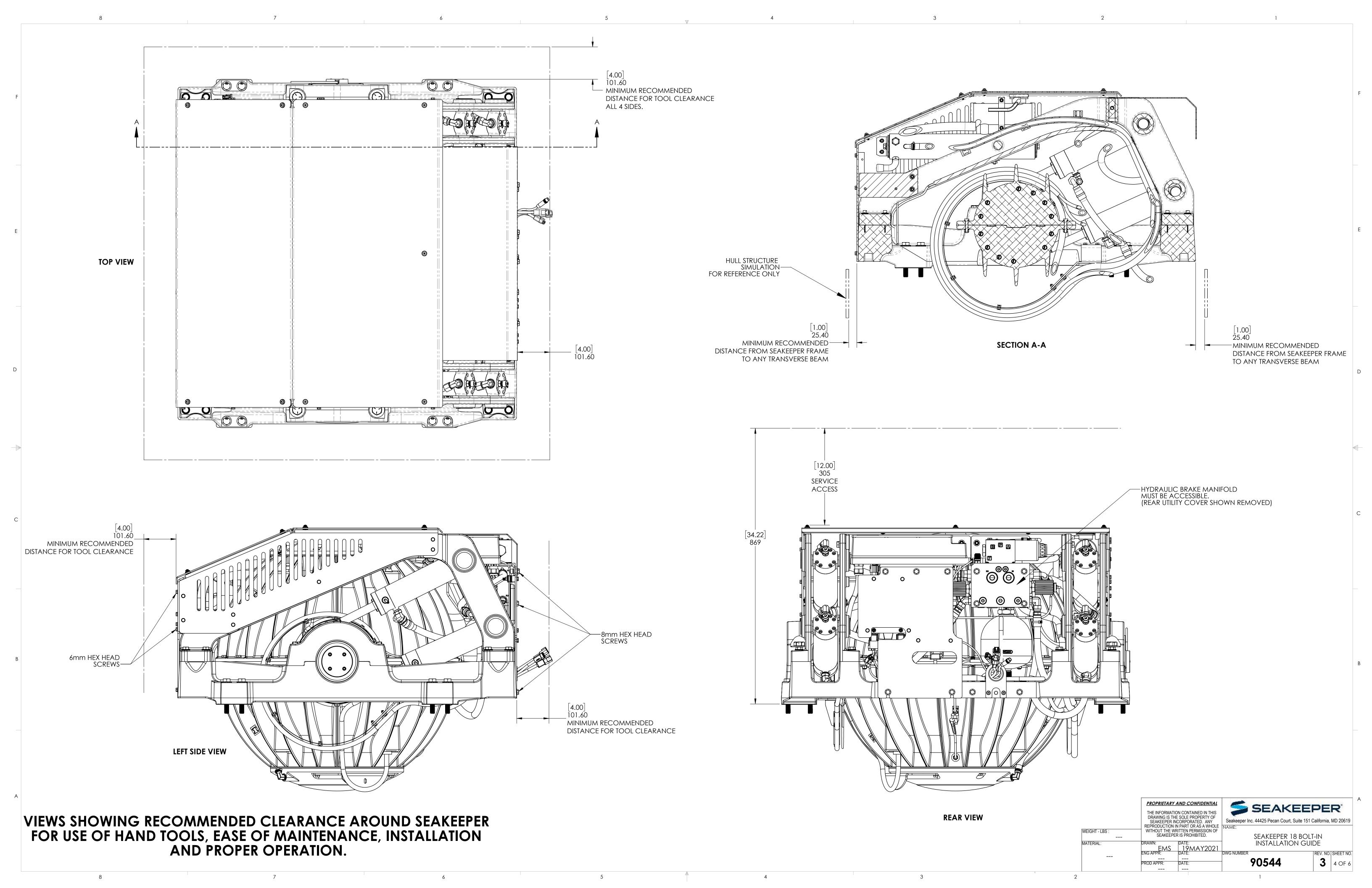


SEE SHEET 6 FOR BOLT PATTERN DIMENSIONS



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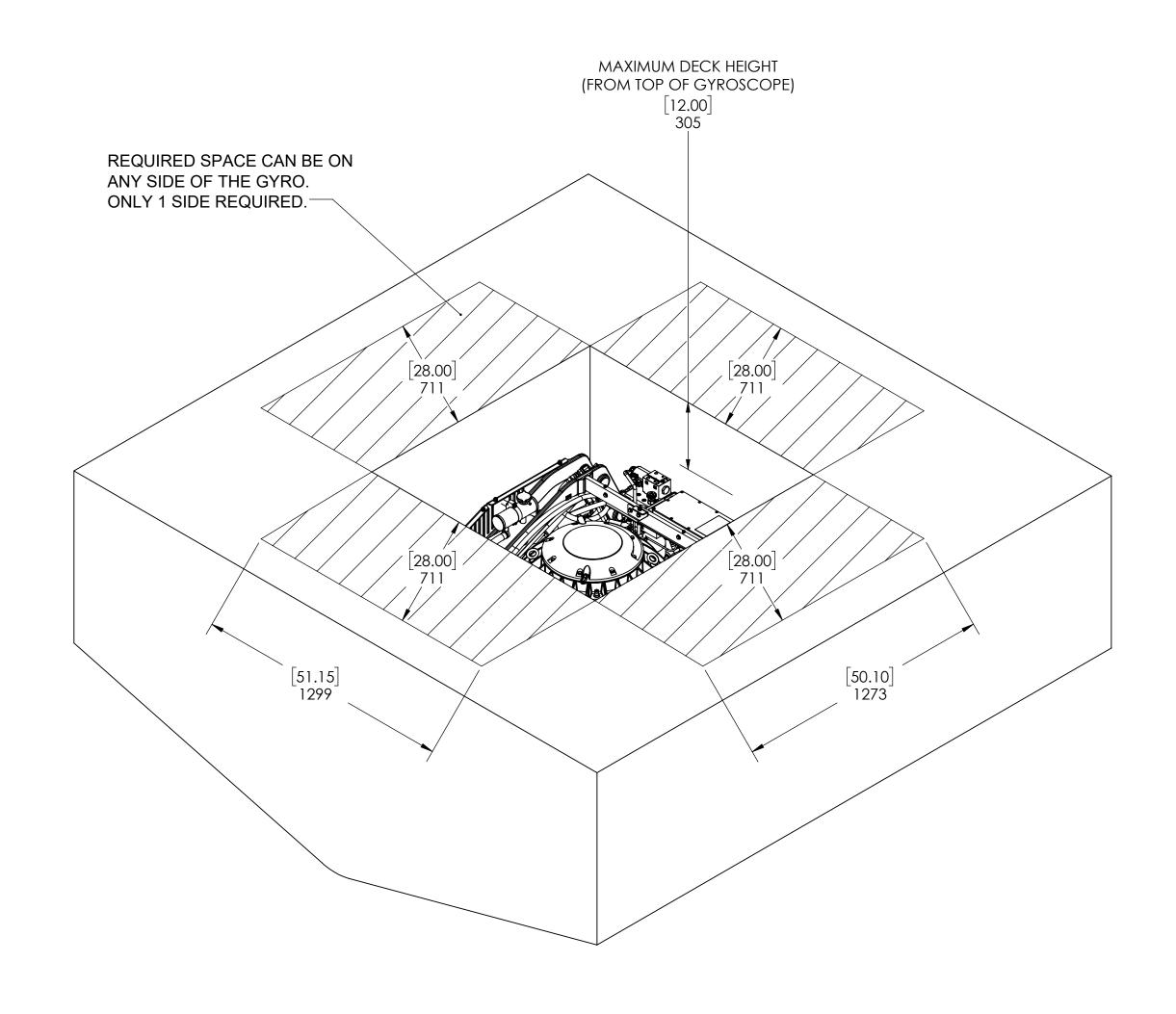




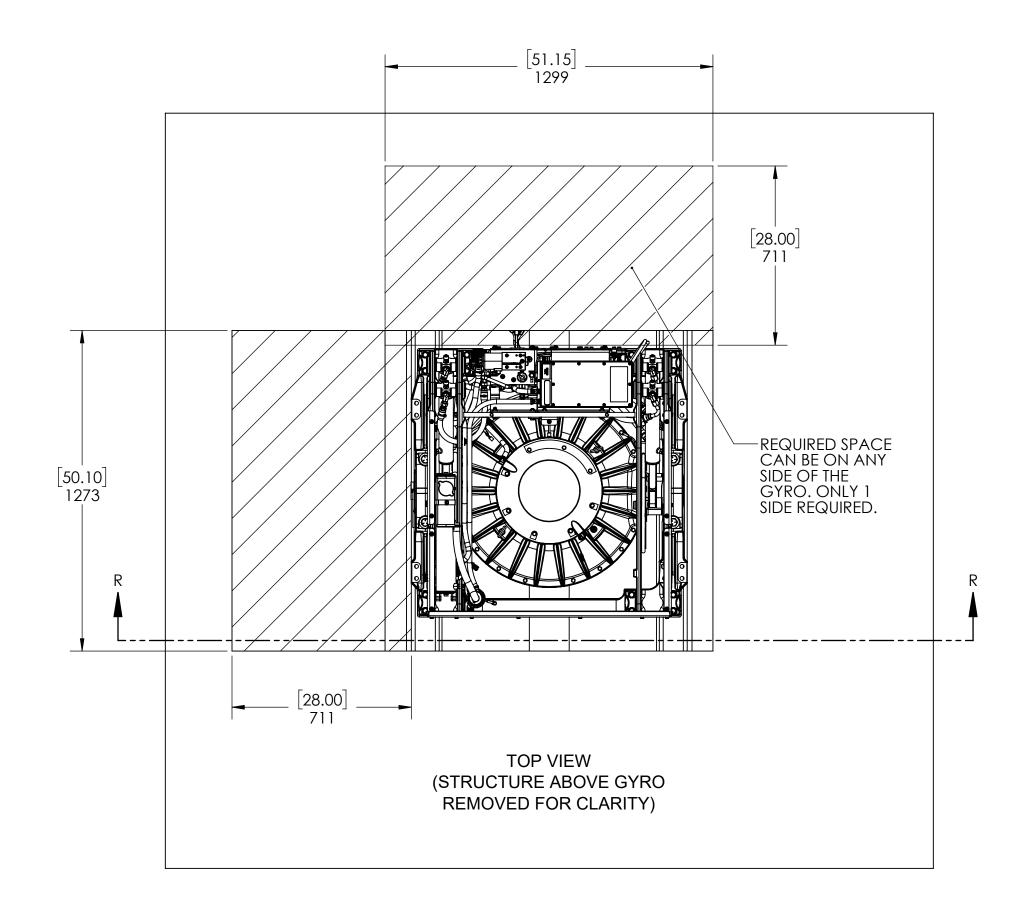
SERVICE CLEARANCES FOR IN-FIELD BEARING REPLACEMENT

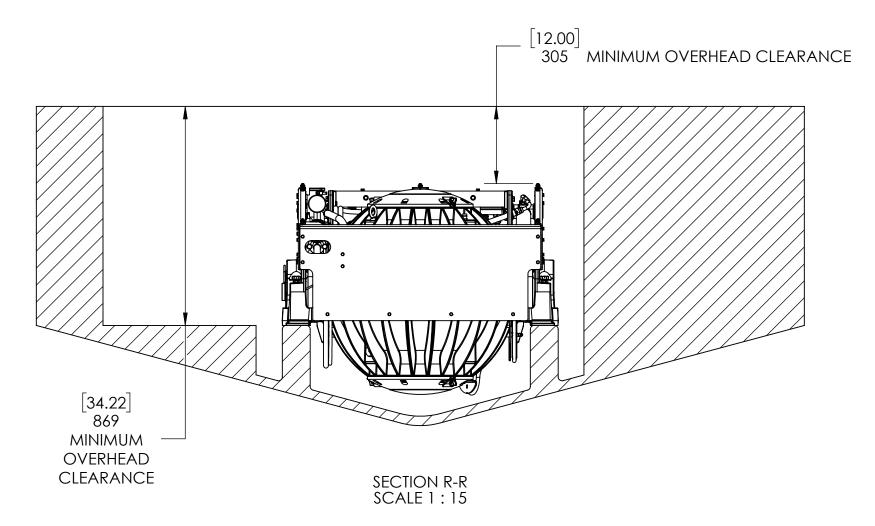
NOTIONAL INSTALLATION WITH OVERHEAD ACCESS

INSTALLATIONS WITH MINIMAL SERVICE ACCESS FOR ROUTINE MAINTENANCE AROUND ALL 4 SIDES OF GYRO AS SHOWN ON SHEET 4 REQUIRE OVERHEAD ACCESS AND DECK SPACE ON ONE OF THE FOUR SIDES OF THE GYRO AS SHOWN BELOW.



NOTIONAL INSTALLATION WITHOUT OVERHEAD ACCESS





3

