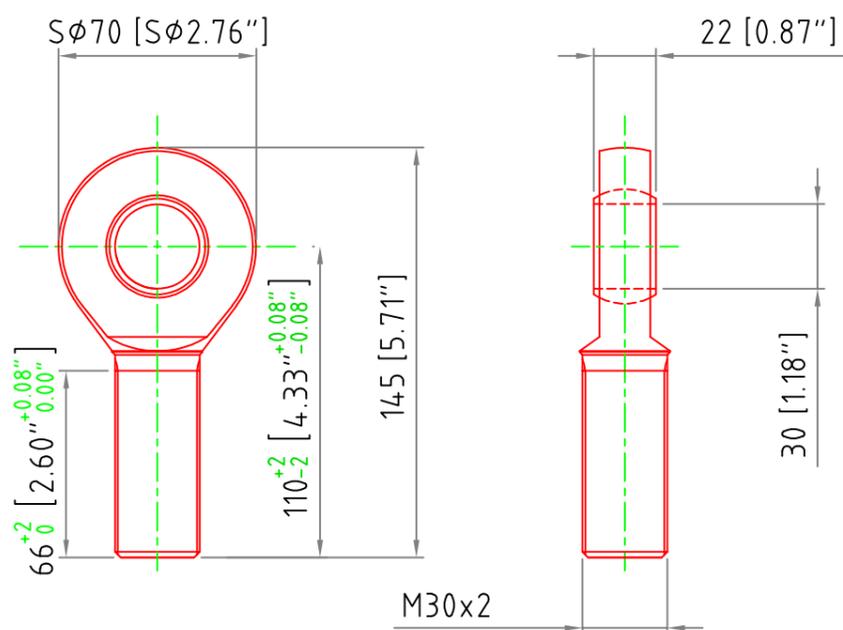


Rod End Detail Scale 2:1



Color Key:

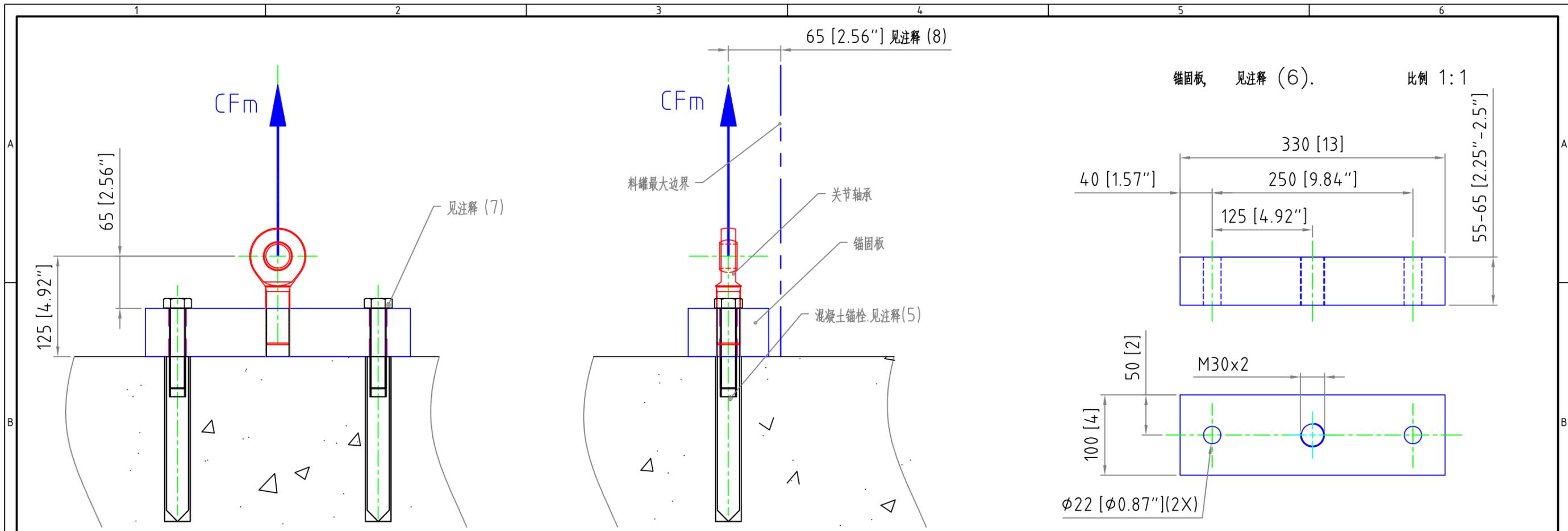
Red: RapidCal™ Equipment
Black: Tank and foundation.

Blue: Customer provided
Cyan: Weigh Module

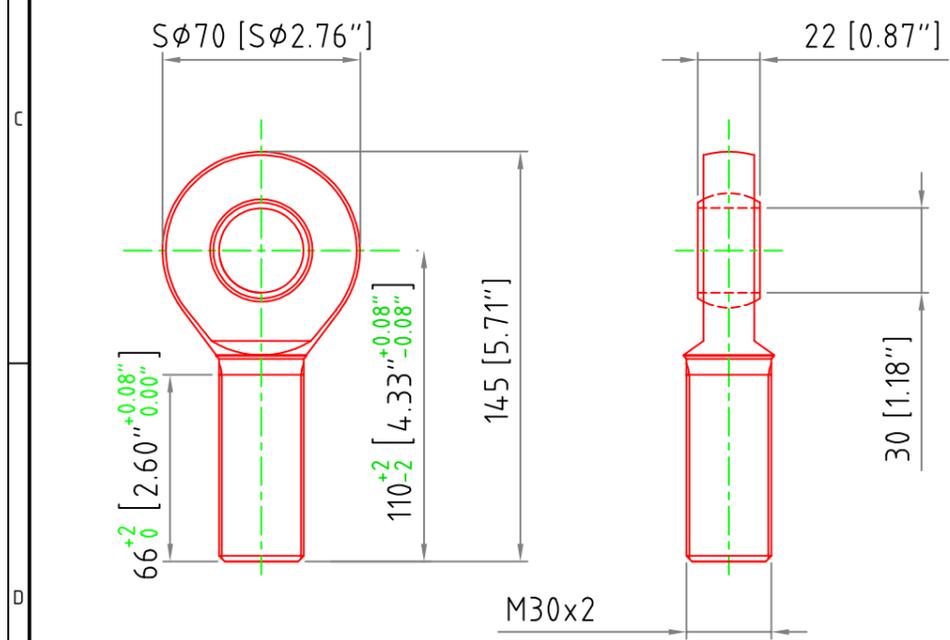
Notes: Dimensions are in mm [inches].

- All information pertaining to METTLER TOLEDO's RapidCal™ shall be treated confidentially.
- Calibration Modules should stand vertically within 0.5 degree when assembled to the tank.
- The concrete foundation must be designed to withstand the upward Max. Calibration Force (CFm) with a suitable factor of safety, considering the effect of multiple such forces on the same foundation, if appropriate ($N > 1$, see below).
- CFm (lb) = Scale Capacity (lb) / N. CFm (Newtons) = $g \cdot$ Scale Capacity (kg) / N.
where $g = 9.81 \text{ m/s}^2$ and $N =$ number of Calibration Modules used in the calibration.
- Use Hilti HVU2 with M20 [3/4"-10 UNC] internally threaded HIS-(R)N sleeve adhesive anchor system or equivalent. The concrete, anchor spacing and installation details must comply with the anchor manufacturer's requirements for the applied force CFm distributed over two anchors. Consider the spacing of multiple such plates (pairs of anchors) on the same foundation, if appropriate ($N > 1$).
- Material of anchor plate: 304/316 stainless steel or material of equivalent strength.
- Screw: M20 x 100mm strength class 8.8 [3/4"-10 UNC X 4in Grade 5].
- Minimum distance from the Calibration Module center line (CL) to tank scale or other obstacles is 65 mm [2.56 in].

METTLER TOLEDO		MTCT	Drawn	li-383	2019/11/7	Scale	-
		CN-213125 ChangZhou	Change			Format	mt_A3
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			Note	-		Replaces	-
Description 关节轴承-混凝土-8t			ERP NO.	30489502-4			ERP Rev
GDL RapidCal™ Rod-End Concrete 8t						D	
External Design No.:30489502-4	External Design Rev.:		Status:Approved	Mass:	Units:mm		1/1



关节轴承局部视图 比例 2:1



- 注释:** 图纸所有尺寸单位为 毫米 [英寸].
- 所有与梅特勒-托利多 RapidCal™ 的相关信息均应保密.
 - 标定模块安装到料罐时, 垂直度需在0.5度以内.
 - 混凝土基础必须能够承受最大向上标定载荷 (CFm), 并且要有适当的安全系数, 同时需考虑到同一个基础会受到多个载荷的作用, 一般来说(N > 1, 见注释4).
 - CFm (磅) = 料罐容量 (磅) / N. CFm (牛顿) = g * 料罐容量 (千克) / N.
其中 g = 9.81 m/s², N = 标定过程中使用的标定模块的数量.
 - 使用喜利得 HVU2型号高性能药剂包和M20 [3/4"-10 UNC] HIS-(R)N型内螺纹嵌件或类似产品. 由于施加载荷CFm分布在两个锚栓上, 混凝土强度, 锚栓间距和安装细节必须遵从锚栓制造商要求, 同时需考虑多个锚固板 (锚栓对)在同一基础上的安装间距, 一般情况下(N > 1).
 - 锚固板材料: 304/316不锈钢或同等强度材料.
 - 螺钉: M20 x 100毫米 强度等级 8.8级 [3/4-10 UNC X 4英寸 等级5].
 - 标定模块中心线(CL)与料罐或其他物体的最小距离为65毫米 [2.56英寸].

颜色说明:
 红色: RapidCal™ 设备
 蓝色: 用户提供
 黑色: 料罐和基础
 青色: 称重模块

METTLER TOLEDO		MTCT	Drawn	li-383	2019/11/7	Scale	-
		CN-213125 ChangZhou	Change			Format	mt_A3
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External Design No.: 30489502-4		External Design Rev.:				AutoCAD Mechanical Template V0.2	