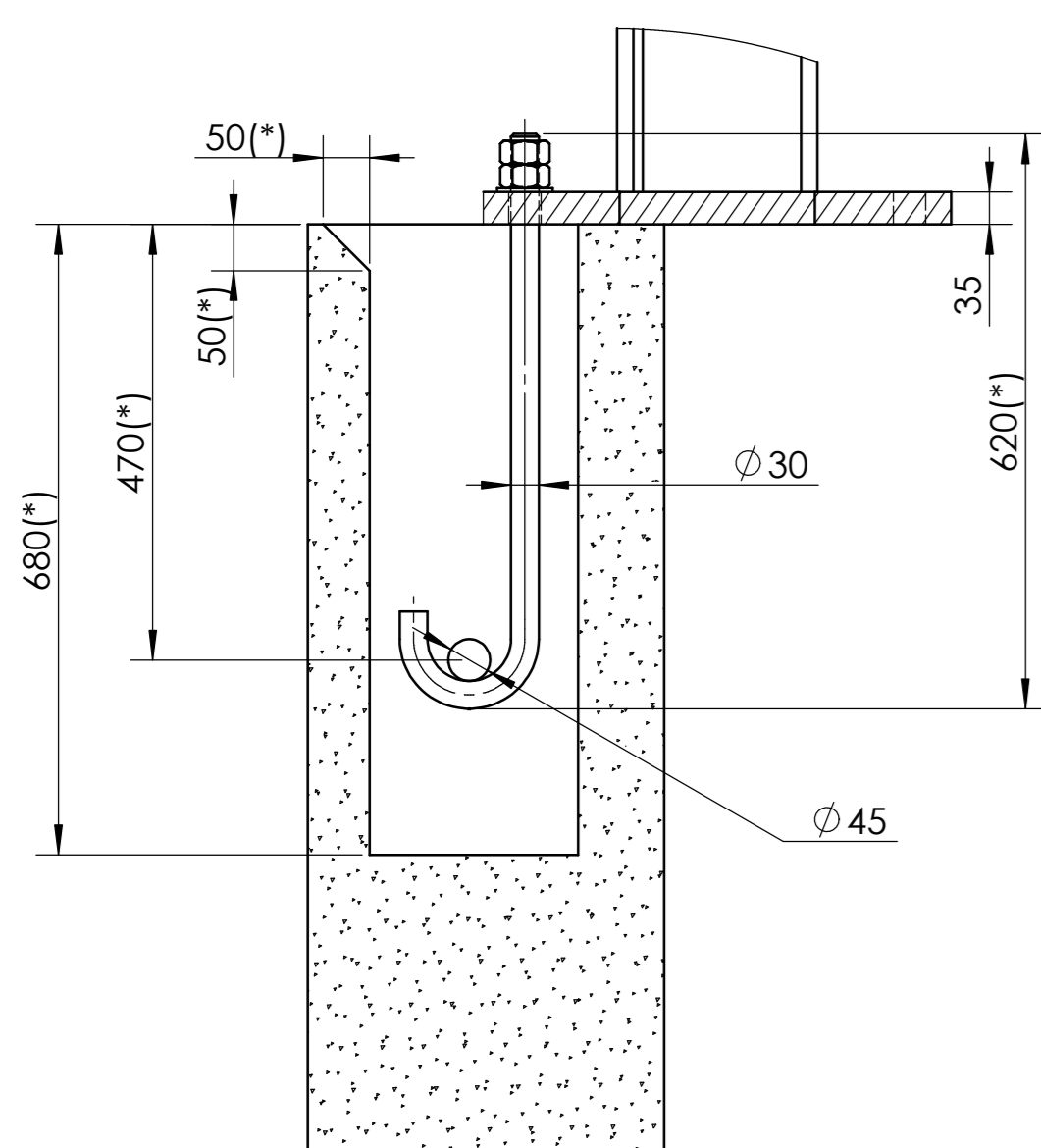
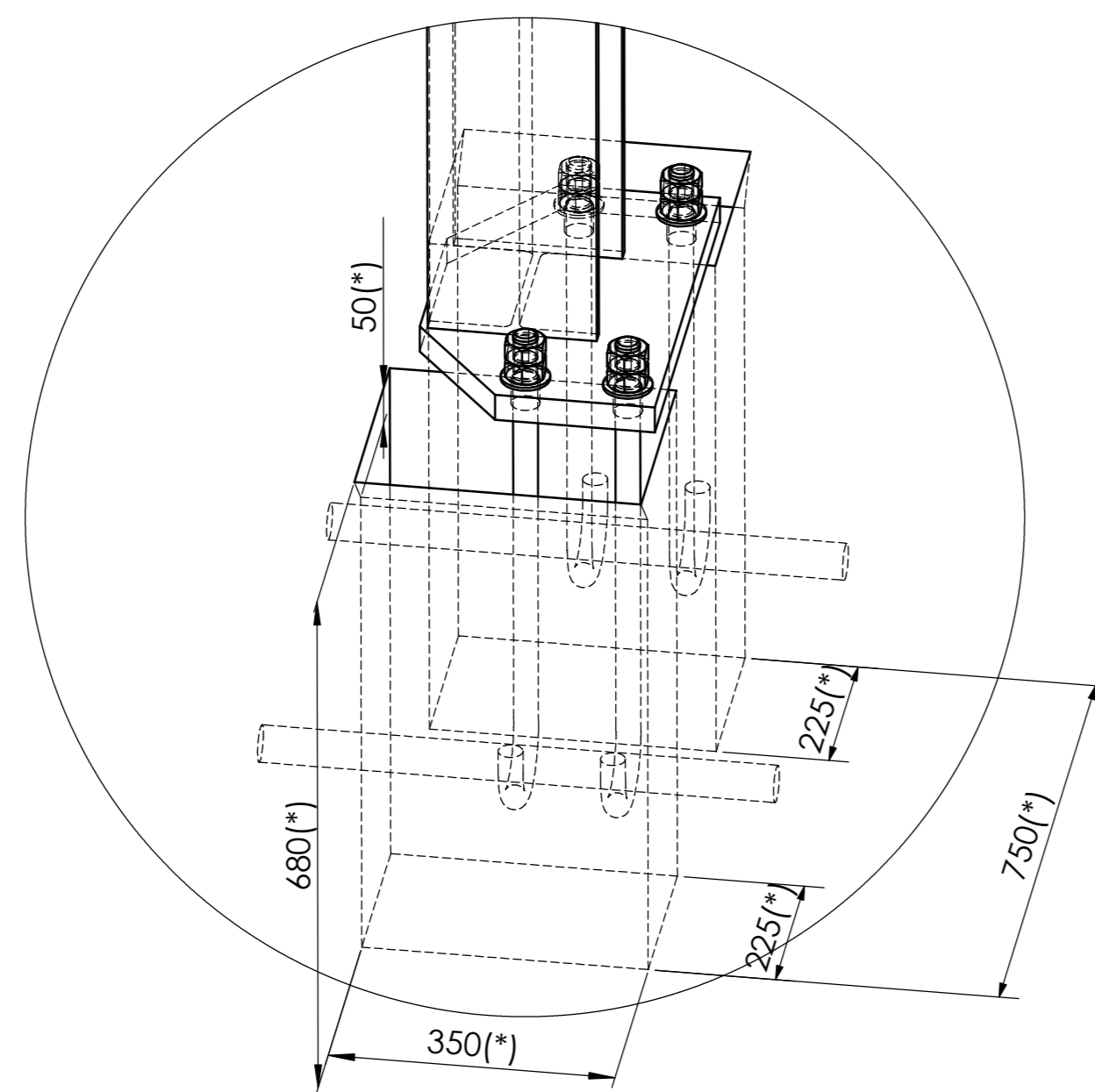


**THE ANCHORING METHOD**

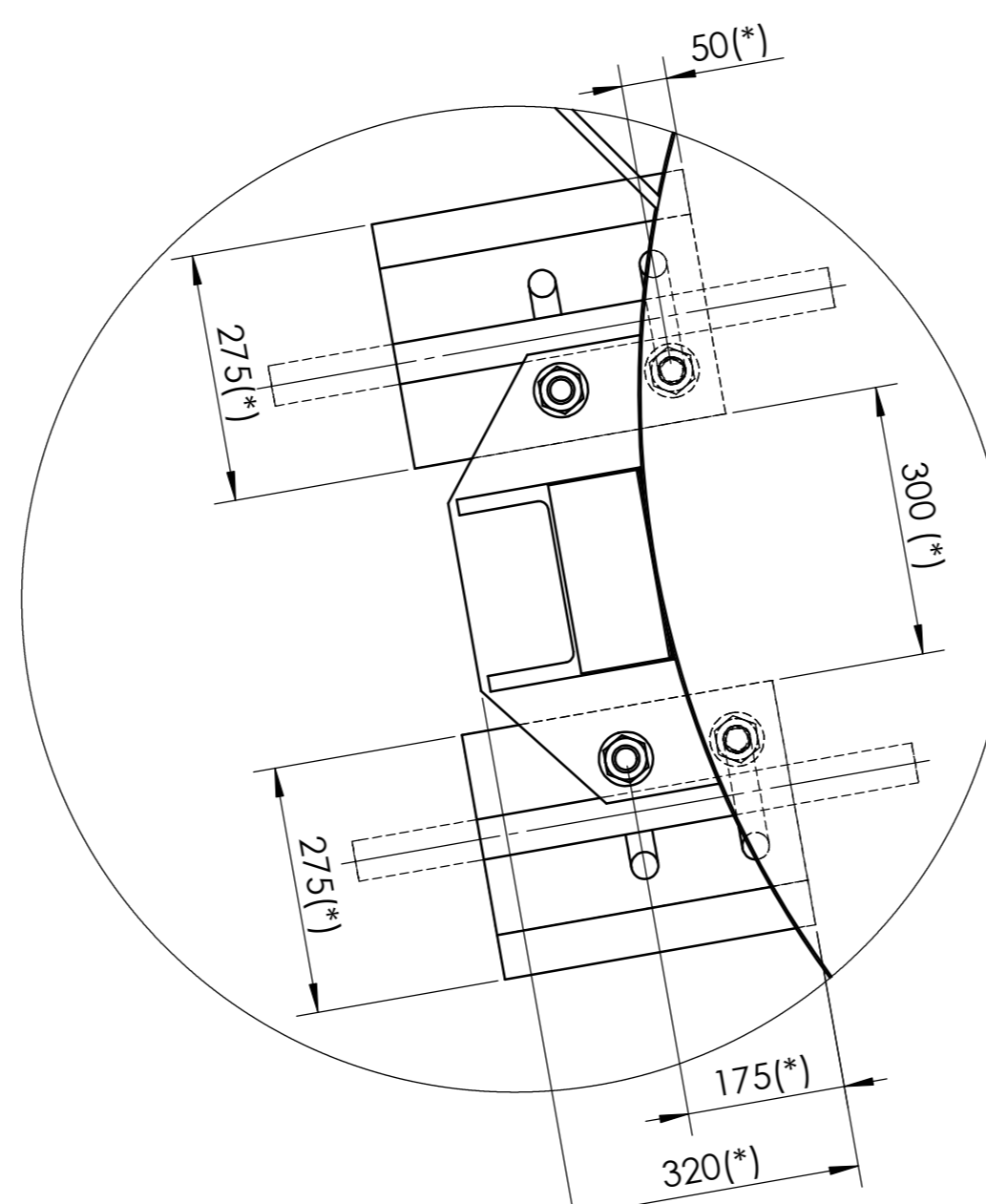
(\*) For reference only. The exact dimensions of the civil works and the anchoring method(s) used must be approved by the competent authorities in the country of installation.



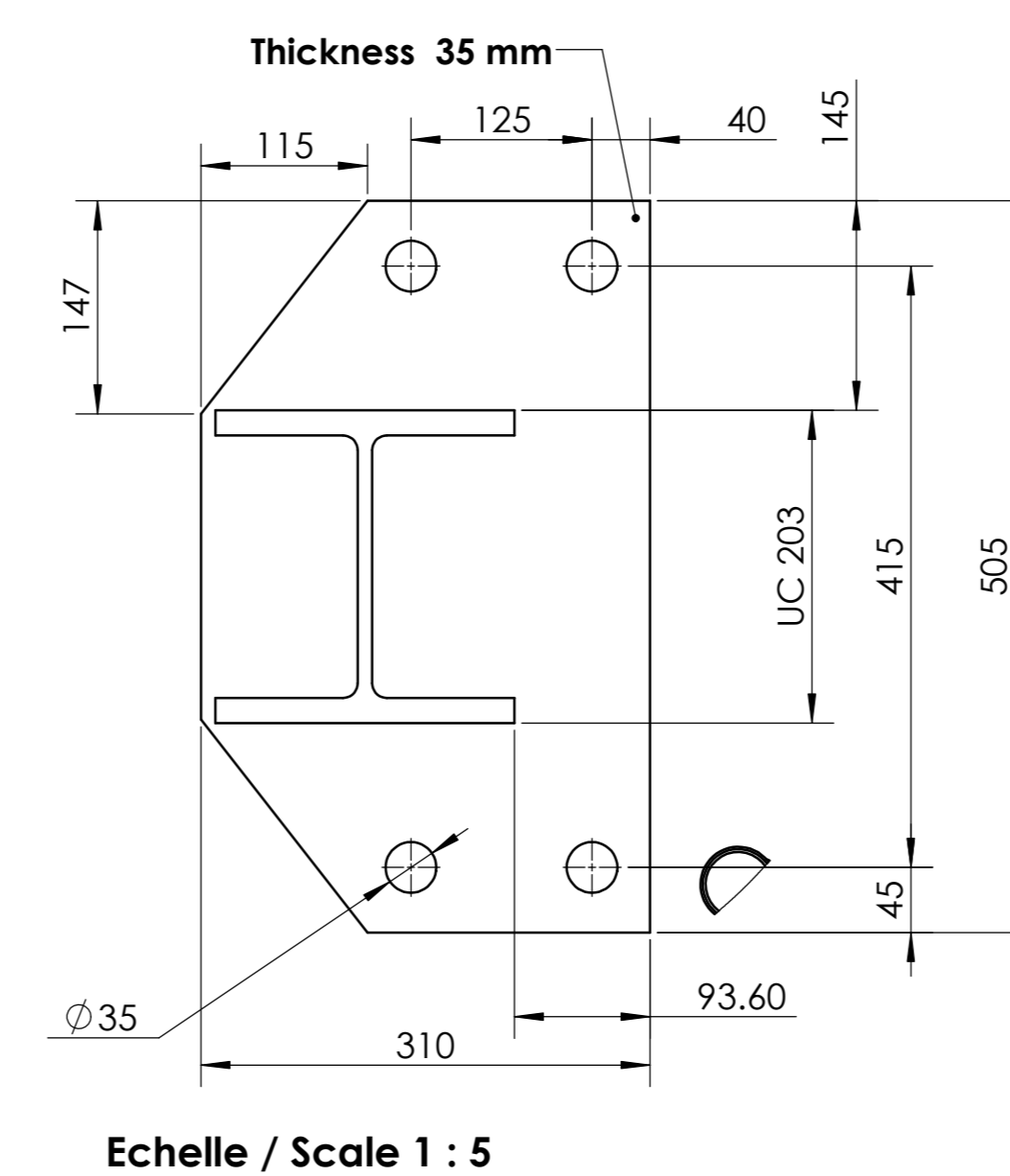
**DETAIL OF RESERVATIONS**



**4 ANCHORING**



**DETAIL OF DRILLED PLATES**




CUSTOMER SUPPLY

NOTE: The anchor rods shall not be sealed before positioning of the tank.

REV	DATE	Drawn By	Checked By	Wind and seismic calculation added	Reviewed By	Approved By
A	31.12.2018	V.Arnold			SivoP	R.K.Mahamudhly
SAUF INDICATIONS CONTRAIRES / UNLESS OTHERWISE STATED:				MÉTÉRISATIONS		
<small>                 Dimensions en mm / Dimensions in mm                  Tolérances de fabrication / Manufacturing tolerances                  SAUF INDICATIONS CONTRAIRES / UNLESS OTHERWISE STATED:             </small>						
<small>                 Tolérances de fabrication / Manufacturing tolerances                  SAUF INDICATIONS CONTRAIRES / UNLESS OTHERWISE STATED:             </small>		<small>                 Tolérances de fabrication / Manufacturing tolerances                  SAUF INDICATIONS CONTRAIRES / UNLESS OTHERWISE STATED:             </small>		<small>                 Tolérances dimensionnelles des organes en acier / Dimensional tolerances of steel parts                  SAUF INDICATIONS CONTRAIRES / UNLESS OTHERWISE STATED:             </small>		
<b>GA/implantation drawing for CA21-17 bar - CTR</b>						
<small>                 H.F. F.A.O.             </small>			<small>                 Page 1 of 2             </small>		<small>                 Scale 1:15                  Format A0             </small>	
<small>                 Drawing number with Revision: HC002613 Rev.A             </small>						

Drawn By: V.Arnold

CALCULATION DATA		CA 21-17bar		Vessel datas		EMPTY	Nitrogen	Oxygen	Argon
				Données du réservoir		VIDE	Azote	Oxygene	Argon
CALCULATION DATA	Ambient gas phase Phase gazeuse à l'ambient	5%	Working capacity Volume utile	L	22,480				
			Mass of the vessel Masse du récipient	kg	10,500	28,680	36,150	41,810	
	Quality of the anchoring bolt Qualité de la tige d'ancrage	8.8	Height of the center of gravity Hauteur du centre de gravité	mm	5,493	5,340	5,321	5,312	
Earthquake calculation Calculs au séisme		C0003389_A		Calculation results Résultats des calculs		EMPTY	Nitrogen	Oxygen	Argon
UBC	Zone	4	Compression force per foot Effort de compression par pied	daN	21,209	56,594	71,135	82,153	
	Soil profile Profil du sol	Hard rock Sol très rocheux	Traction force per foot Effort de traction par pied	daN	14,185	37,404	46,947	54,176	
	Seismic source type Type de source de séisme	Not applicable	Shearing force per foot Effort de cisaillement par pied	daN	1,872	5,114	6,446	7,456	
	Closest distance to known seismic source Plus petite distance à la source sismique connue	Not applicable							
Wind calculation Calculs au vent		0		Calculation results Résultats des calculs		EMPTY	Nitrogen	Oxygen	Argon
UBC	Basic wind speed Vitesse de base du vent	210 km/h	Compression force per foot Effort de compression par pied	daN	20,666	26,270	28,713	30,577	
			Traction force per foot Effort de traction par pied	daN	13,642	7,080	4,524	2,600	
			Shearing force per foot Effort de cisaillement par pied	daN	1,814	1,814	1,814	1,814	

A	31.12.2018	V.Aravind	Wind and seismic calculation added	Siva.P	R.K.Mahaamurthy
REV	DATE	Drawn By	MODIFICATIONS	Reviewed By	Approved By
SAUF INDICATIONS CONTRAIRES / UNLESS OTHERWISE STATED : Dimensions en mm / Dimensions in mm				Ce document est la propriété de CRYOLOR ASIA PACIFIC PVT LTD. Il est remis a titre strictement confidentiel. Il ne peut être reproduit ni communiqué sans autorisation expresse.	
Tolérances de fabrication internes suivant NH63029 Manufacturing tolerances following NH63029		Tolérances générales des pièces usinées: ISO 2768 - mK General tolerances of machined parts: ISO 2768 - mK		Tolérances dimensionnelles et angulaires des pièces de tôlerie, chaudronnerie ± 0.5mm par mètre 2° à 3° Dimensional tolerances and angular parts sheet metal, boiler ± 0.5mm per meter 2° à 3°	
<b>GA/implantation/Layout for CA21-17 bar 6,000 Gallon 250 Psig MAWP</b>			HC002613		
N° FAO:			Page 2 sur 3	Scale <b>1:15</b>	Format <b>A4</b>
N° de Projet / Project number			Drawing number with Revision <b>HC002613 Rev.A</b>		