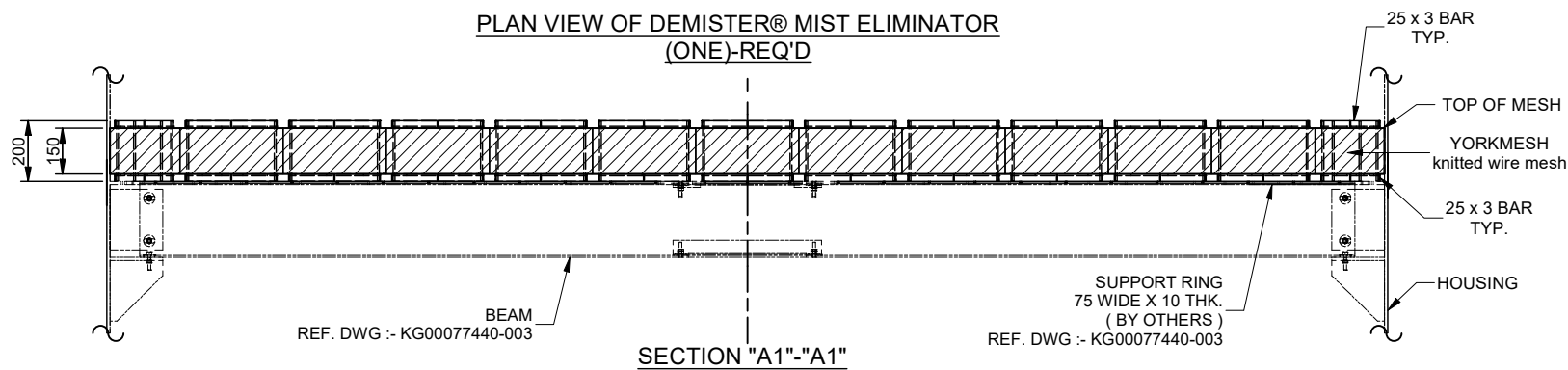
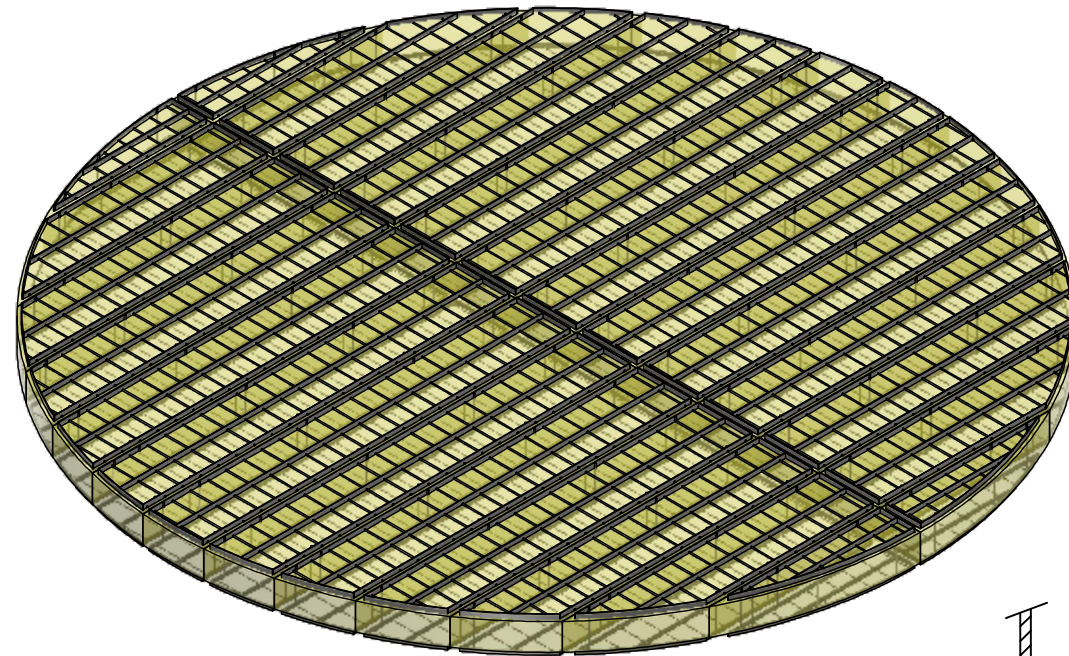


PLAN VIEW OF DEMISTER® MIST ELIMINATOR
(ONE)-REQ'D

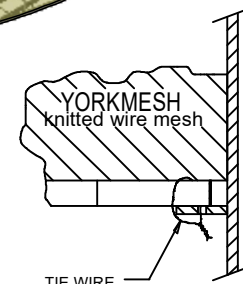


DEMISTER® MIST ELIMINATOR NOTES

1. MESH FABRICATED OVERSIZE TO ENSURE SNUG FIT
2. STANDARD RESISTANCE WELDED CONSTRUCTION.
3. DEMISTER® MIST ELIMINATOR STYLE :- 326N
4. INSTALLATION FROM :- BOTTOM SIDE
5. SUPPORT GRID STYLE :- TOP AND BOTTOM RIGID WELDED AND FULLY BANDED
6. MESH SECURED WITH TIE WIRE



ISOMETRIC VIEW



DETAIL OF HOLD DOWN

NOTES

1. VESSEL MANHOLE I.D. ACTUAL: 586.6mm
2. PARTS SUPPLIED BY KOCH-GLITSCH ARE IDENTIFIED BY MARK # (E.G. 001-301) ENCLOSED AS SHOWN [301]
3. BOLTING ASSEMBLIES ARE ENCLOSED THUS:
QUANTITY PER TRAY. ASSEMBLY NUMBER
[101 / 1010R]
4. DIMENSIONS ARE GIVEN IN: MILLIMETERS
5. ANY MODIFICATIONS BY CUSTOMER OR ANY THIRD PARTY TO THE EQUIPMENT SHOWN ON THIS DRAWING WITHOUT THE PRIOR WRITTEN APPROVAL OF KOCH-GLITSCH WILL VOID ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PURPOSE.
6. ALL WARRANTIES AND VOIDANCES THERETO, ARE PER THE SELLER'S STANDARD TERMS AND CONDITIONS OR THE NEGOTIATED TERMS SELLER HAS ACCEPTED.

REFERENCE DRAWING:

DRAWING KG00076440 FOR VESSEL ARRANGEMENT.
DRAWING KG00046440-003 FOR EQUIPMENT LOCATED BELOW.

LIST OF MATERIAL

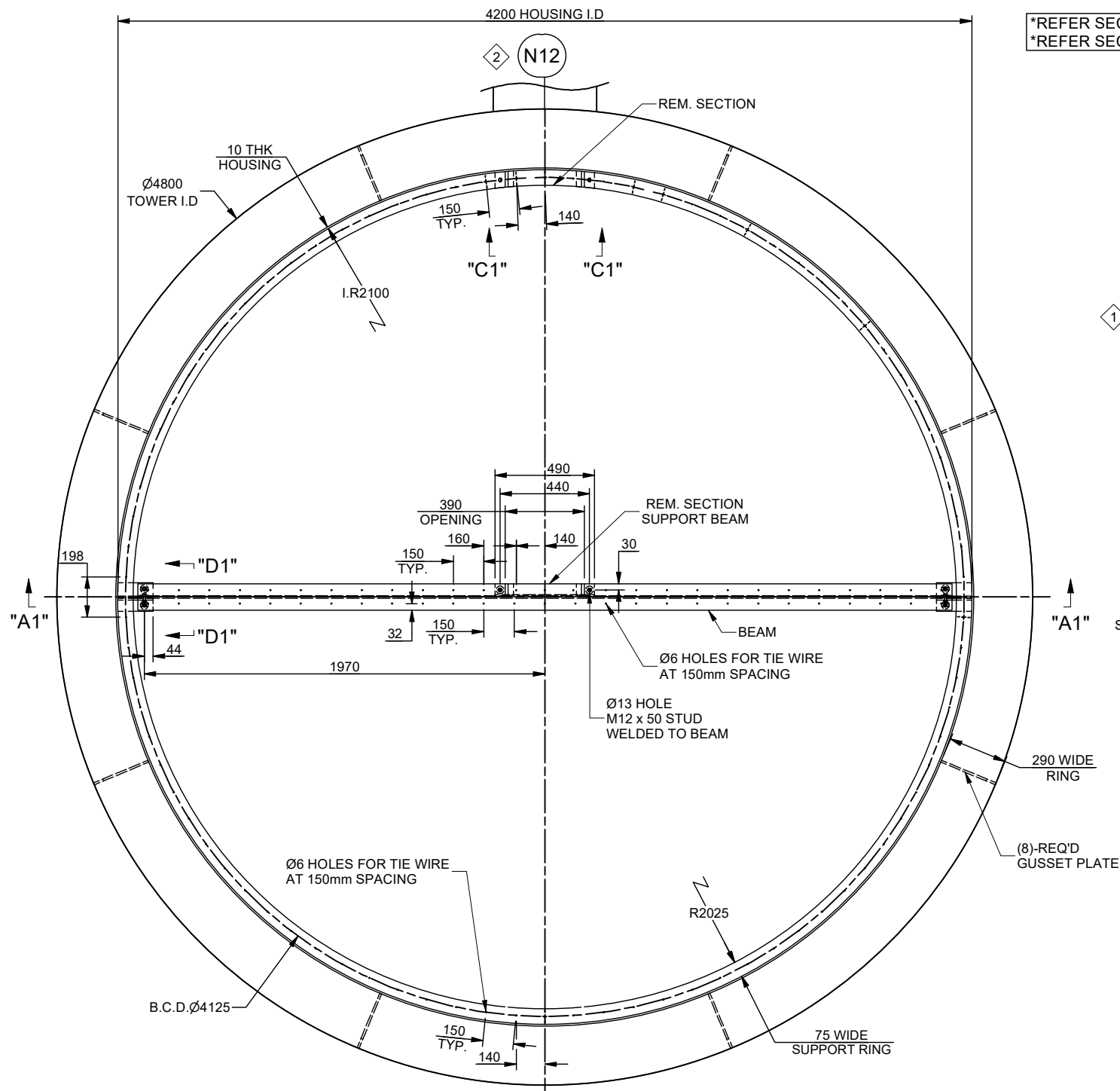
DESCRIPTION	TYPE & THICKNESS
MESH	304L - AS NOTED
ROUND BAR	304L - 6mm ØROD
GRID	304L - 3mm THK.
TIE WIRE (26 Mtr.)	304L - Ø2mm
-	---
-	---
-	---
NUT	---
BOLT	---
HARDWARE	---
-	---
-	---
TOWER ATTACHMENTS	(BY OTHERS)

EQUIPMENT DESCRIPTION			
QUAN	ITEM	DESCRIPTION	REMARKS
1	-	DEMISTER® MIST ELIMINATOR	AS SHOWN
-	-	---	-
-	-	---	-

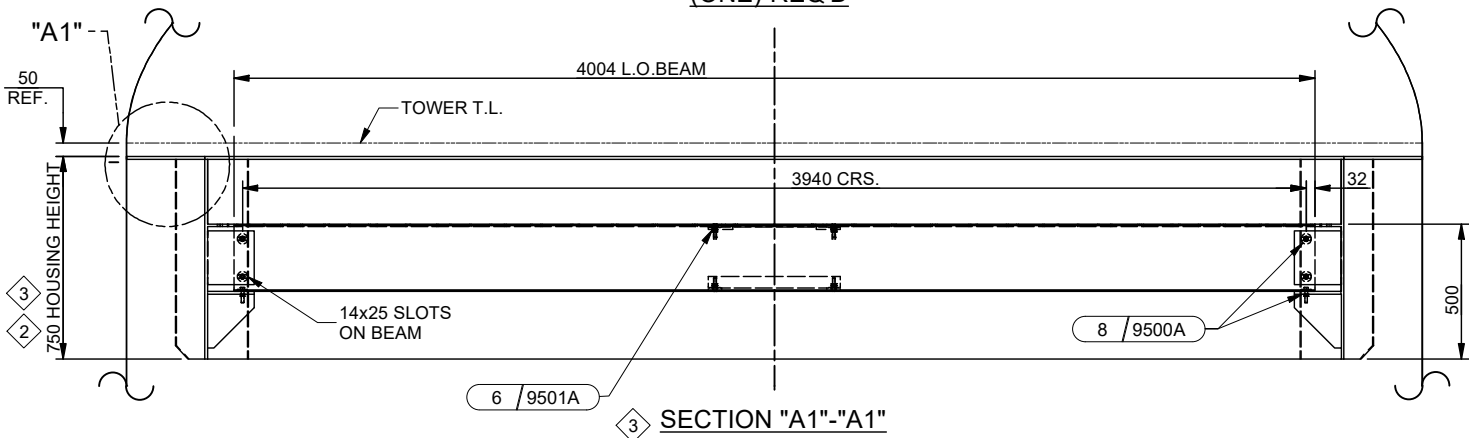
NO.	DESCRIPTION OF REVISION	CHG.BY/DATE	APPVD
1	APPROVED FOR FABRICATION.	VVG / 05-Feb-22	RT

CUSTOMER'S IDENTIFICATION	
PURCHASED BY: The Petroleum Projects And Tech Consul Co Petrojet - Cairo	
P.O. NO.: 268-251-MFE-2021	
USER PLANT SITE: Egyptian Natural Gas Company -GASCOWestern Desert Gas Complex - Alexandria (Egypt)	
SPEC. NO: KOCH GLITSCH STD.	REFERENCE: -
VESSEL SERVICE: De-Methanizer	PLANT SECTION: -

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MDL/DWG: VVG DATE: 02-Nov-21		SUB PROJECT No.: AA1220501	
CHECK BY: HMA/BAS DATE: 03-Nov-21		ITEM No.: KG00076440-002	
DE/PM: RT DATE: 03-Nov-21		DRAWING ISSUE	
APPROVED FOR FABRICATION: BY: RT DATE: 05-Feb-22		VESSEL I.D. 4200 HOUSING I.D. 510-C-001D VESSEL No. 510-C-001D DWG No.: KG00076440-002 SHT. 1 OF 1 REV. 1	
CERTIFIED FINAL AS FABRICATED: BY: DATE:			

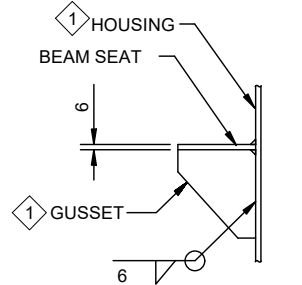


PLAN VIEW OF HOUSING & BEAM
SUPPORT FOR DEMISTER® MIST ELIMINATOR
(ONE)-REQ'D

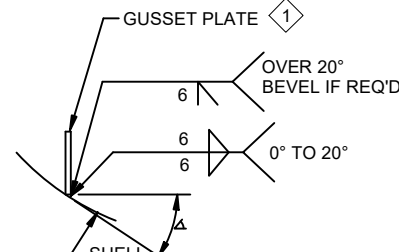
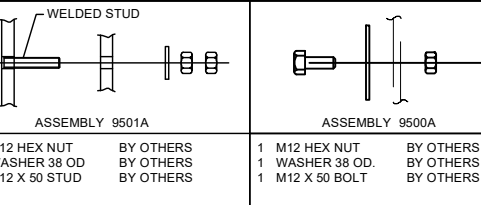


SECTION "A1"-"A1"

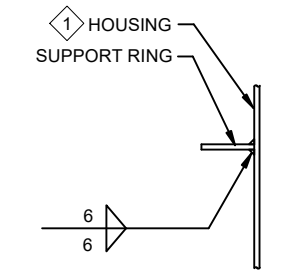
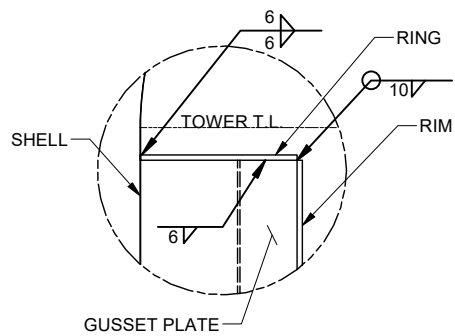
*REFER SECTION "C1"-"C1" ON SHT-2
*REFER SECTION "D1"-"D1" ON SHT-2



TYPICAL CONNECTION
BEAM SEAT TO HOUSING



TYPICAL CONNECTION
HOUSING TO GUSSET PLATE



TYPICAL CONNECTION
SUPPORT RING TO HOUSING

DETAIL "A1"

NOTES

- VESSEL MANHOLE I.D. ACTUAL: 586.6mm
- PARTS SUPPLIED BY KOCH-GLITSCH ARE IDENTIFIED BY MARK # (E.G. 001-301) ENCLOSED AS SHOWN [301]
- BOLTING ASSEMBLIES ARE ENCLOSED THUS:
QUANTITY PER TRAY: ASSEMBLY NUMBER
101/1010R
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- ALL WARRANTIES AND VOIDANCES THERETO, ARE PER THE SELLER'S STANDARD TERMS AND CONDITIONS OR THE NEGOTIATED TERMS SELLER HAS ACCEPTED.
- BOLTING AND HARDWARE SPARE = 10%

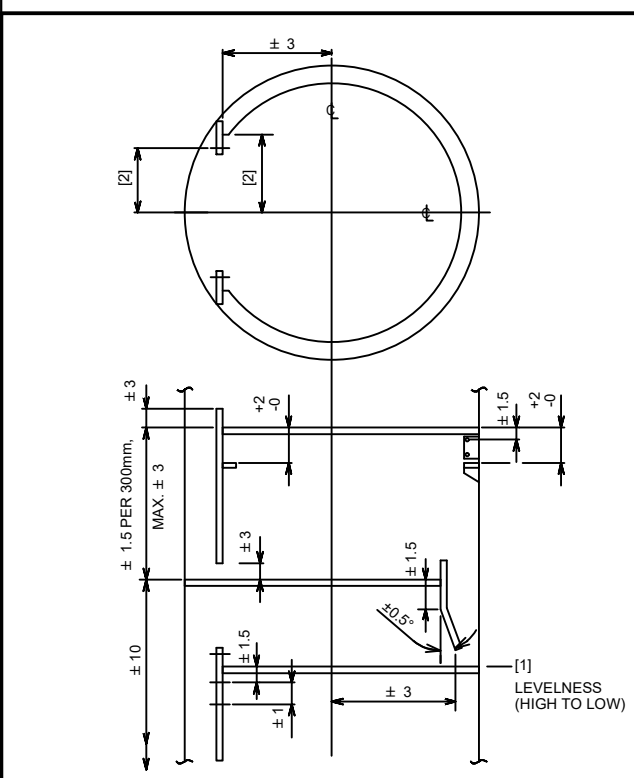
REFERENCE DRAWING:

DRAWING KG00076440 FOR VESSEL ARRANGEMENT.
DRAWING KG00076440-005 FOR EQUIPMENT LOCATED BELOW.

LIST OF MATERIAL

DESCRIPTION	TYPE & THICKNESS
SUPPORT RING	304L - 10.0
BOLT BAR/GUSSET	304L - 10.0
BEAM SET	304L - 10.0
BEAM	304L - 6.0
FILLER ANGLE	304L - 6.0
GUSSET	304L - 10.0
GUSSET PLATE/RING	304L - 10.0
-	---
NUT	A 194 Gr.8 - AS NOTED
BOLT	A 193 Gr.B8 - AS NOTED
HARDWARE	304L - AS NOTED
-	---
-	---
TOWER ATTACHMENT	---

TOLERANCES (UNLESS OTHERWISE NOTED ON THE DRAWING)



TOWER INSIDE DIAMETER				
NO.	0 TO 2500	OVER 2500 TO 5500	OVER 5500 TO 8500	OVER 8500
[1]	2	4	6	8
[2]	± 6	± 13	± 19	± 25

OTHER TOLERANCES: * UNLESS OTHERWISE SPECIFIED

- TILT OF TRAY SUPPT RING OVER ITS WIDTH SHALL NOT EXCEED ± 1'
- RING FLATNESS DEFECTS OVER ANY 300mm CHORD 1.5mm
- ORIENTATION MAXIMUM OFFSET FROM TRUE SHELL CENTERLINE 6mm
- OUT OF ROUNDNESS AS PER ASME CODE

DESIGN ONLY

EQUIPMENT DESCRIPTION			
QUAN	ITEM	DESCRIPTION	REMARKS
-		HOUSING & BEAM	AS SHOWN

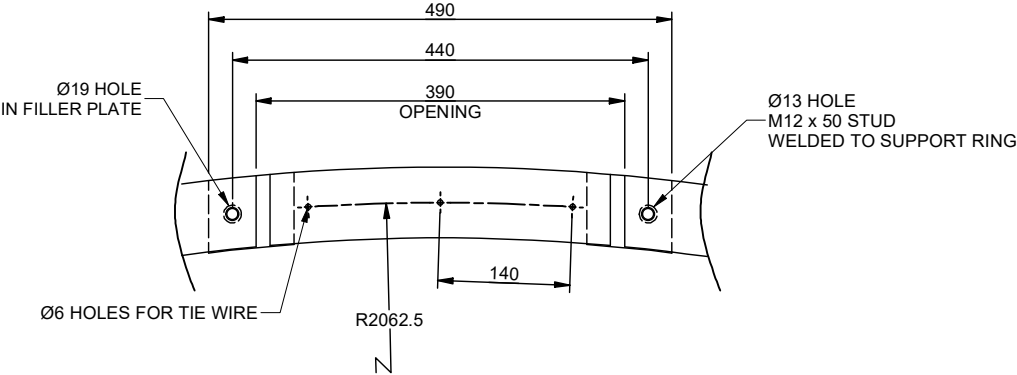
NO.	DESCRIPTION OF REVISION	CHG.BY/DATE	APPVD
1	REVISED AS MARKED & APPROVED FOR FABRICATION.	VVG/05-Feb-22	RT
2	REVISED AS MARKED	VVG/06-Jul-22	RT
3	REVISED AS MARKED	VVG/08-Aug-22	RT

CUSTOMER'S IDENTIFICATION

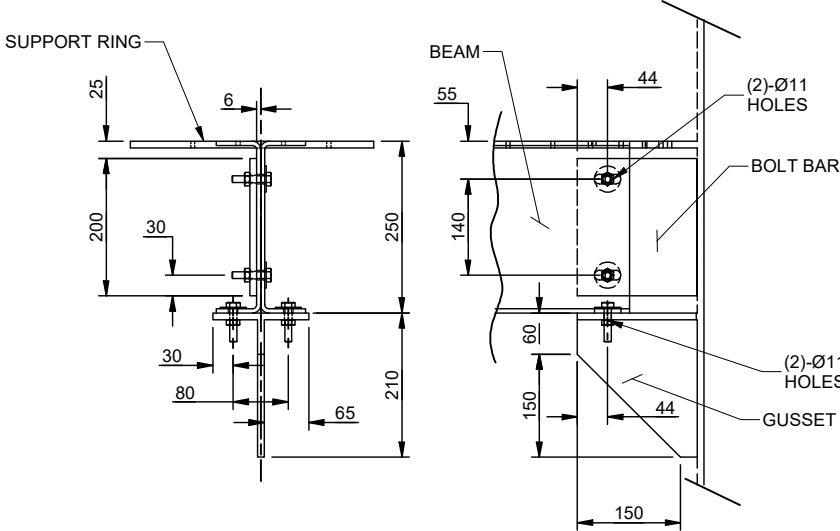
PURCHASED BY: The Petroleum Projects And Tech Consul Co Petrojet - Cairo
P.O. NO.: 268-251-MFE-2021
USER PLANT SITE: Egyptian Natural Gas Company -GASCOWestern Desert Gas Complex - Alexandria (Egypt)
SPEC. NO.: KOCH GLITSCH STD. REFERENCE: -
VESSEL SERVICE: De-Methanizer PLANT SECTION: -

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MDL/DWG: VVG DATE: 02-Nov-21		SUB PROJECT No.: AA1220501	
CHECK BY: HMA/BAS DATE: 03-Nov-21		ITEM No.: KG00076440-003	
DE/PM: RT DATE: 03-Nov-21			
DRAWING ISSUE		VESSEL I.D. 4800 VESSEL No. 510-C-001D	
APPROVED FOR FABRICATION: BY: RT DATE: 05-Feb-22		DWG No.: KG00076440-003	
CERTIFIED FINAL AS FABRICATED: BY: DATE:		SHT. 1 OF 2 REV. 3	

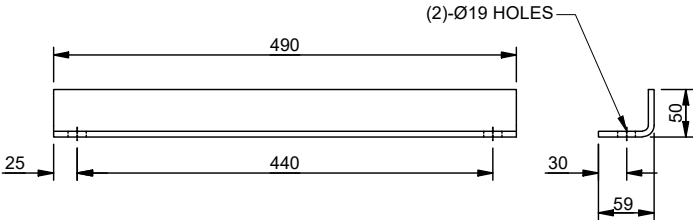
INSTALLATION DRAWING



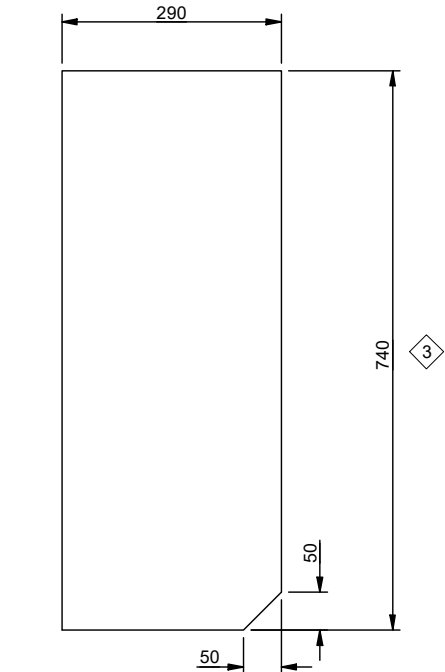
SECTION "C1"-"C1"



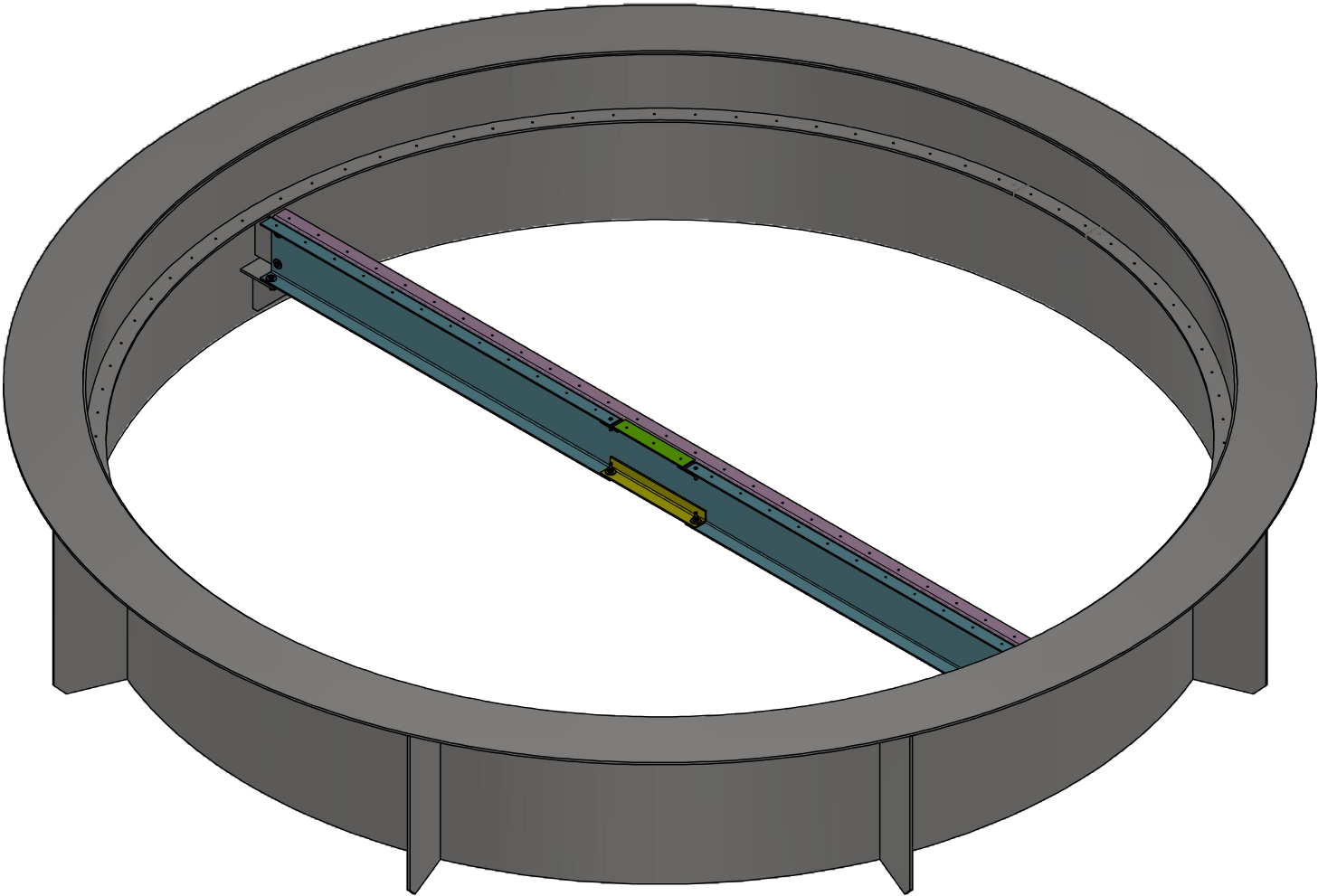
SECTION "D1"-"D1"




DETAIL OF FILLER ANGLE



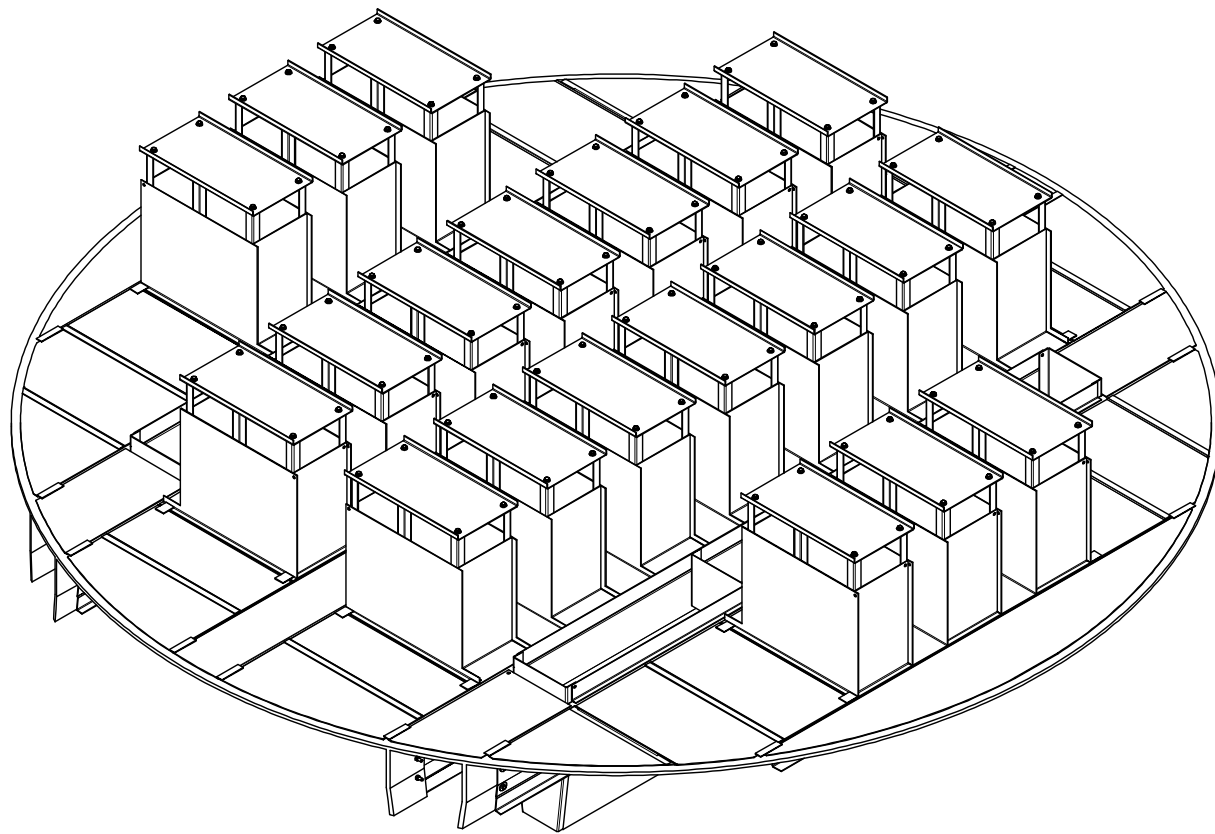
DETAIL OF GUSSET PLATE



ISOMETRIC VIEW

EQUIPMENT DESCRIPTION				
QUAN	ITEM	DESCRIPTION	REMARKS	
-		-	-	
NO.	DESCRIPTION OF REVISION		CHG.BY/DATE	APPVD
1	REVISED AS MARKED & APPROVED FOR FABRICATION.		VVG/05-Feb-22	RT
2	REVISED AS MARKED		VVG/06-Jul-22	RT
3	REVISED AS MARKED		VVG/08-Aug-22	RT
CUSTOMER'S IDENTIFICATION				
PURCHASED BY: The Petroleum Projects And Tech Consul Co Petrojet - Cairo				
P.O. NO.: 268-251-MFE-2021				
USER PLANT SITE: Egyptian Natural Gas Company -GASCOWestern Desert Gas Complex - Alexandria (Egypt)				
SPEC. NO: KOCH GLITSCH STD.			REFERENCE: -	
VESSEL SERVICE: De-Methanizer			PLANT SECTION: -	
<div><div><div><div>A KOCH ENGINEERED SOLUTIONS COMPANY</div></div></div><div>© 2021 KOCH-GLITSCH I.P. ALL RIGHTS RESERVED</div></div>			KOCH-GLITSCH, ITALIA S.r.l APRILIA, ITALY	
MDL/DWG: VVG DATE: 02-Nov-21			MODEL: HOUSING & BEAM	
CHECK BY: HMA/BAS DATE: 03-Nov-21			SUB PROJECT No.: AA1220501	
DE/PM: RT DATE: 03-Nov-21			ITEM No.: KG00076440-003	
DRAWING ISSUE			VESSEL I.D. 4800 VESSEL No. 510-C-001D	
APPROVED FOR FABRICATION: BY: RT DATE: 05-Feb-22		CERTIFIED FINAL AS FABRICATED: BY: DATE:	DWG No: KG00076440-003 SHT. 2 OF 2 REV. 3	

PLAN VIEW OF 611 CHIMNEY COLLECTOR
(ONE)-REQ'D.



ISOMETRIC VIEW

NOTES

1. VESSEL MANHOLE I.D. ACTUAL: 586.6
2. PARTS SUPPLIED BY KOCH-GLITSCH ARE IDENTIFIED BY MARK # (E.G. 001-301) ENCLOSED AS SHOWN 301
3. BOLTING ASSEMBLIES ARE ENCLOSED THUS:
QUANTITY PER TRAY. ASSEMBLY NUMBER

101 / 1010R
4. DIMENSIONS ARE GIVEN IN: MILLIMETERS
5. ANY MODIFICATIONS BY CUSTOMER OR ANY THIRD PARTY TO THE EQUIPMENT SHOWN ON THIS DRAWING WITHOUT THE PRIOR WRITTEN APPROVAL OF KOCH-GLITSCH WILL VOID ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PURPOSE.
6. ALL WARRANTIES AND VOIDANCES THERETO, ARE PER THE SELLER'S STANDARD TERMS AND CONDITIONS OR THE NEGOTIATED TERMS SELLER HAS ACCEPTED.
7. SPARES: BOLTS / NUTS / WASHERS: 10%.

REFERENCE DRAWING:

DRAWING KG00076440 FOR VESSEL ARRANGEMENT.
DRAWING KG00076440-004 FOR EQUIPMENT LOCATED ABOVE.
DRAWING KG00076440-006 FOR EQUIPMENT LOCATED BELOW.


LIST OF MATERIAL	
DESCRIPTION	TYPE & THICKNESS
COLLECTOR PANEL	304L - 3.0
RISER WALL/WEIR	304L - 3.0
HAT/HAT SUPPORT	304L - 3.0
DNCR BEAM / DNCR. PLATE	304L - 3.0
SEAL PLATE	304L - 3.0
DNCR. STIFFENER	304L - 3.0
DNCR.BOX	304L - 3.0
BEAM/BEAM CLIP	304L - 3.0
BOLT	A 193 B8 - AS NOTED
NUT	A 194 Gr.8 - AS NOTED
HARDWARE	304L - AS NOTED
TOWER ATTACHMENTS	② (BY PETROJET)

EQUIPMENT DESCRIPTION			
QUAN	ITEM	DESCRIPTION	REMARKS
1		CHIMNEY COLLECTOR	ABOVE TRAY #1

NO.	DESCRIPTION OF REVISION	CHG.BY/DATE	APPVD
1	APPROVED FOR FABRICATION	RST/05 Feb 22	RT
2	REVISED AS MARKED.	RST/02 Jul 22	RT

CUSTOMER'S IDENTIFICATION

PURCHASED BY: The Petroleum Projects And Tech Consul Co Petrojet - Cairo	
P.O. NO.: 268-251-MFE-2021	
USER PLANT SITE: Egyptian Natural Gas Company - GASCO Western Desert Gas Complex - Alexandria (Egypt)	
SPEC. NO: KOCH GLITSCH STD.	REFERENCE: -
VESSEL SERVICE: De-Methanizer	PLANT SECTION: -

 <p>A KOCH ENGINEERED SOLUTIONS COMPANY</p>		KOCH-GLITSCH, ITALIA S.r.l APRILIA, ITALY	
MDL/DWG: RST CHECK BY: HMA/BAS DE/PM: RT		MODEL: 611 CHIMNEY COLLECTOR SUB PROJECT No.: AA1220501 ITEM No.: KG00076440-005	
DATE: 09 Nov 21 DATE: 09 Nov 21 DATE: 09 Nov 21			
DRAWING ISSUE			
APPROVED FOR FABRICATION: BY: RT DATE: 05 Feb 22		CERTIFIED FINAL AS FABRICATED: BY: DATE:	
		VESSEL I.D. 4800 VESSEL No. 510-C-001D	
		DWG No.: KG00076440-005	
		SHT. 1 OF 2 REV. ②	

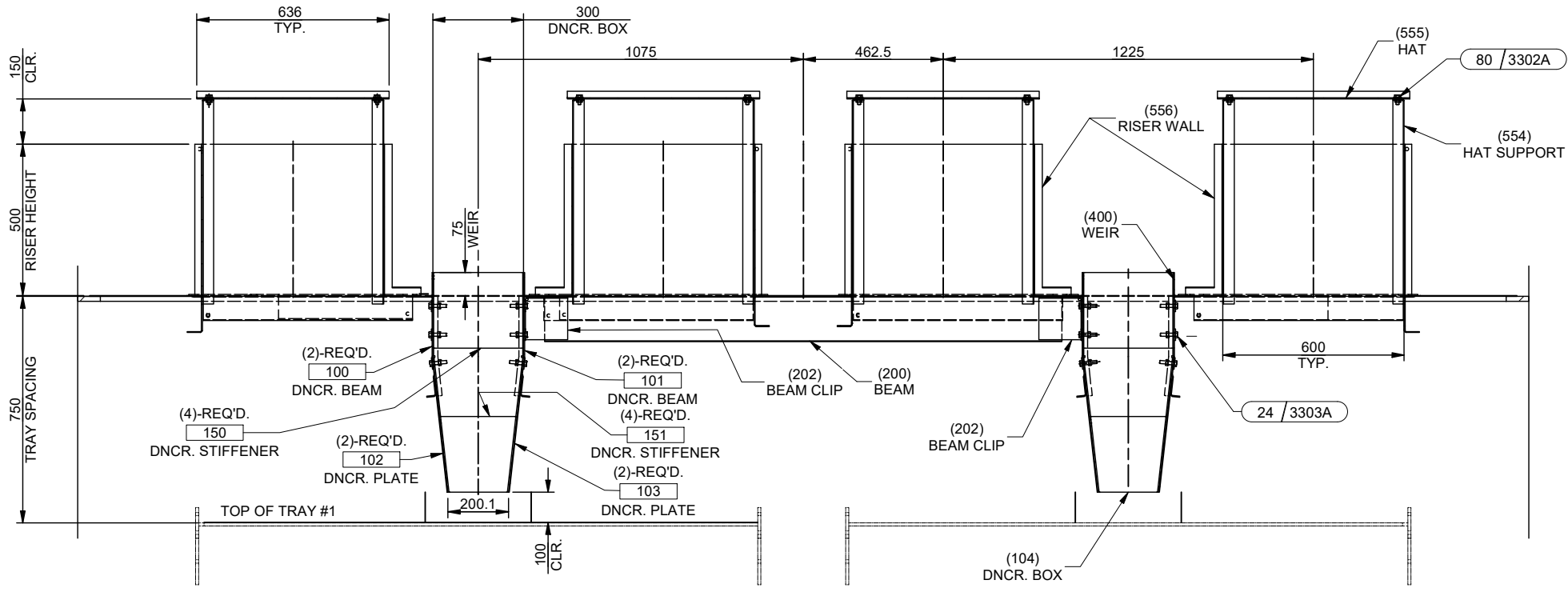
INSTALLATION NOTES :-

- ALL JOINTS TO BE SEAL WELDED BY INSTALLER EXCEPT MAJOR BEAM TO BEAM SUPPORT & HAT TO HAT SUPPORT CONNECTION WHERE BOLTING SHOWN.
- ALL SMALL APERTURES AT PANEL JUNCTIONS ALSO NEEDS TO BE SEAL WELDED. SEAL ALL GAPS.

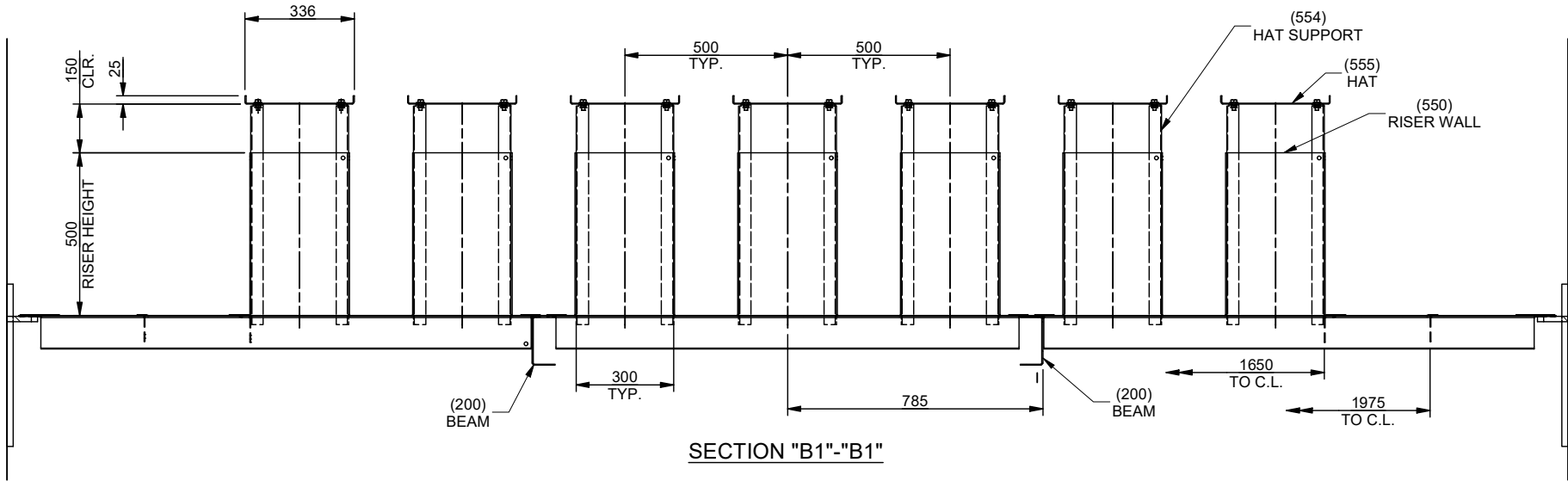
REFER SHT.2 FOR SECTIONS "A1-A1", "B1-B1"

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INSTALLATION DRAWING

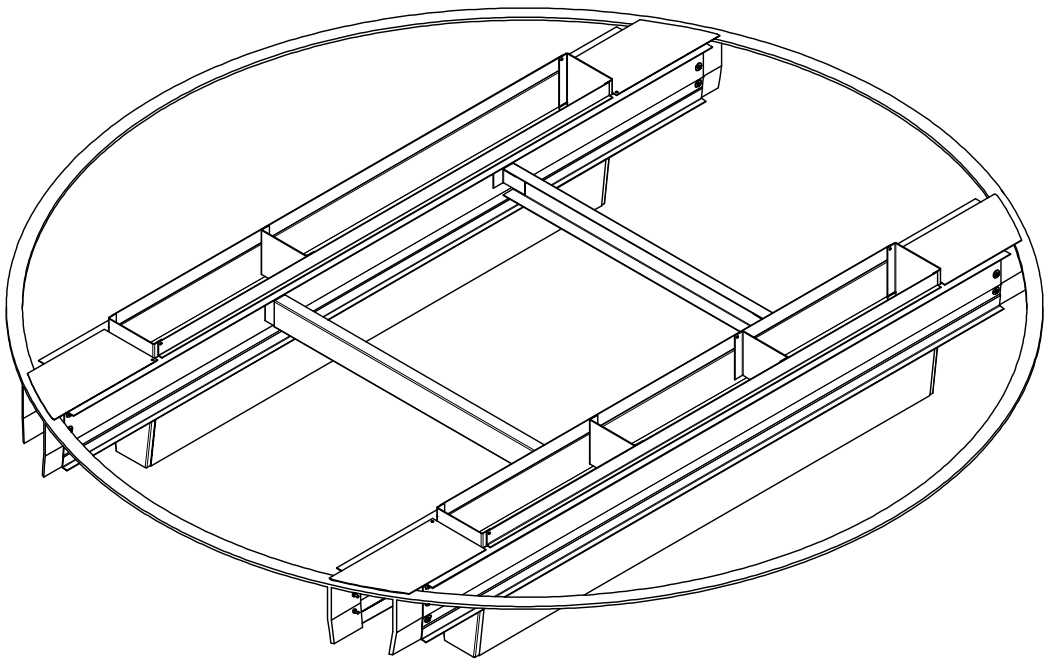


SECTION "A1"-"A1"



SECTION "B1"-"B1"

ASSEMBLY 3303A				ASSEMBLY 3302A			
1	M10 HEX NUT	891-	304H 03	1	M10 HEX NUT	891-	304H 03
1	WASHER 38 OD.	800-	340G 020101	1	WASHER 25 OD.	800-	340G 020801
1	M10 X 50 BOLT	896-	304J 1310	1	M10 X 25 BOLT	896-	304J 1305



ISOMETRIC VIEW
(RISER PANEL & HAT NOT SHOWN FOR CLARITY)

EQUIPMENT DESCRIPTION			
QUAN	ITEM	DESCRIPTION	REMARKS
1		CHIMNEY COLLECTOR	ABOVE TRAY #1

NO.	DESCRIPTION OF REVISION	CHG.BY/DATE	APPVD
1	APPROVED FOR FABRICATION	RST/05 Feb 22	RT

CUSTOMER'S IDENTIFICATION	
PURCHASED BY: The Petroleum Projects And Tech Consul Co Petrojet - Cairo	
P.O. NO.: 268-251-MFE-2021	
USER PLANT SITE: Egyptian Natural Gas Company -GASCO Western Desert Gas Complex - Alexandria (Egypt)	
SPEC. NO.: KOCH GLITSCH STD.	REFERENCE: -
VESSEL SERVICE: De-Methanizer	PLANT SECTION: -

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MDL/DWG: RST		CHIMNEY COLLECTOR	
CHECK BY: HMA/BAS		SUB PROJECT No.: AA1220501	
DE/PM: RT		ITEM No.: KG00076440-005	
DATE:05 Feb 22		DRAWING ISSUE	
APPROVED FOR FABRICATION: BY: RT		VESSEL I.D. 4800	VESSEL No. 510-C-001D
CERTIFIED FINAL AS FABRICATED: BY: DATE:		DWG No.: KG00076440-005	SHT. 2 OF 2
		REV. 1	

INSTALLATION DRAWING

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