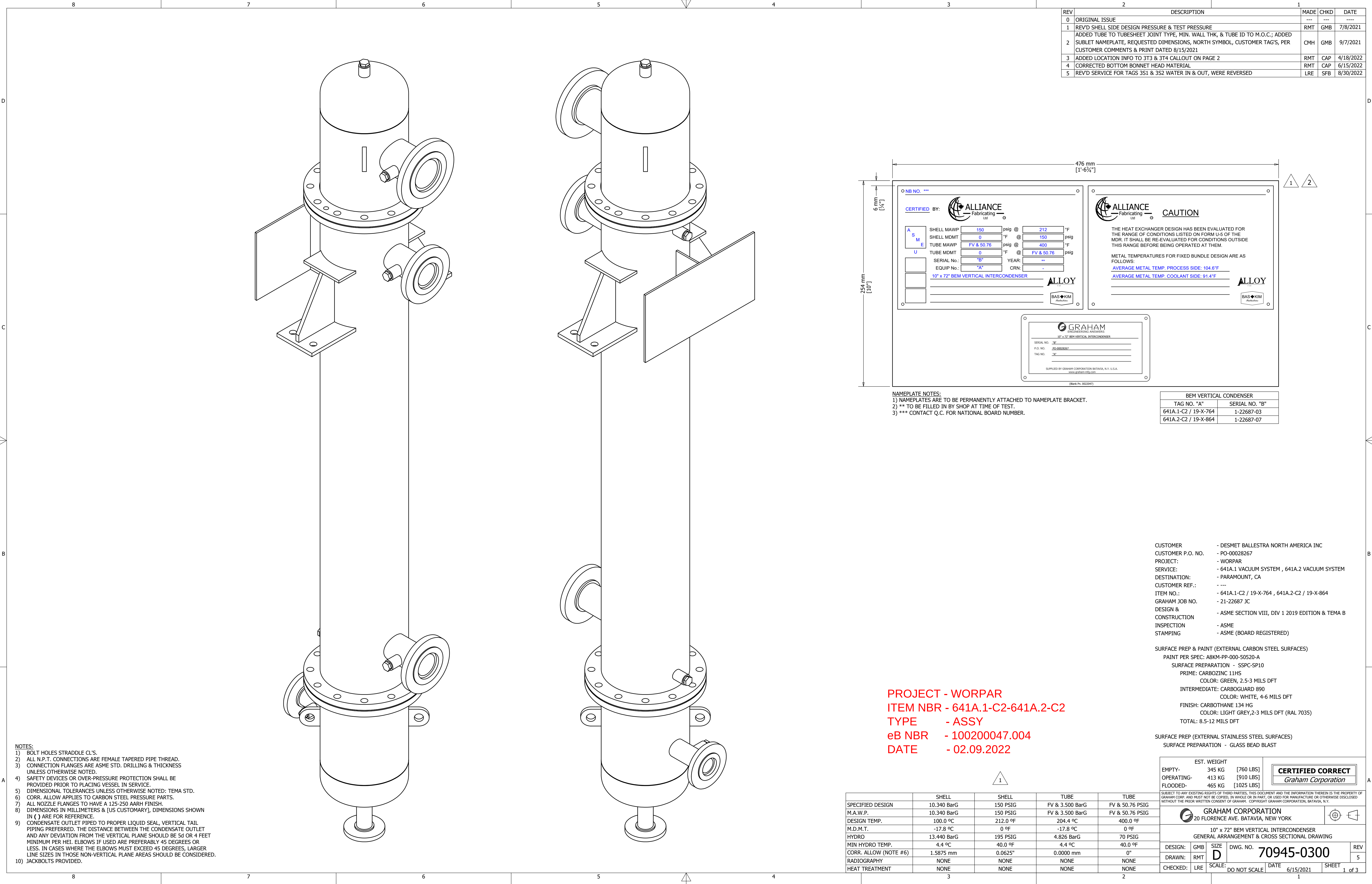
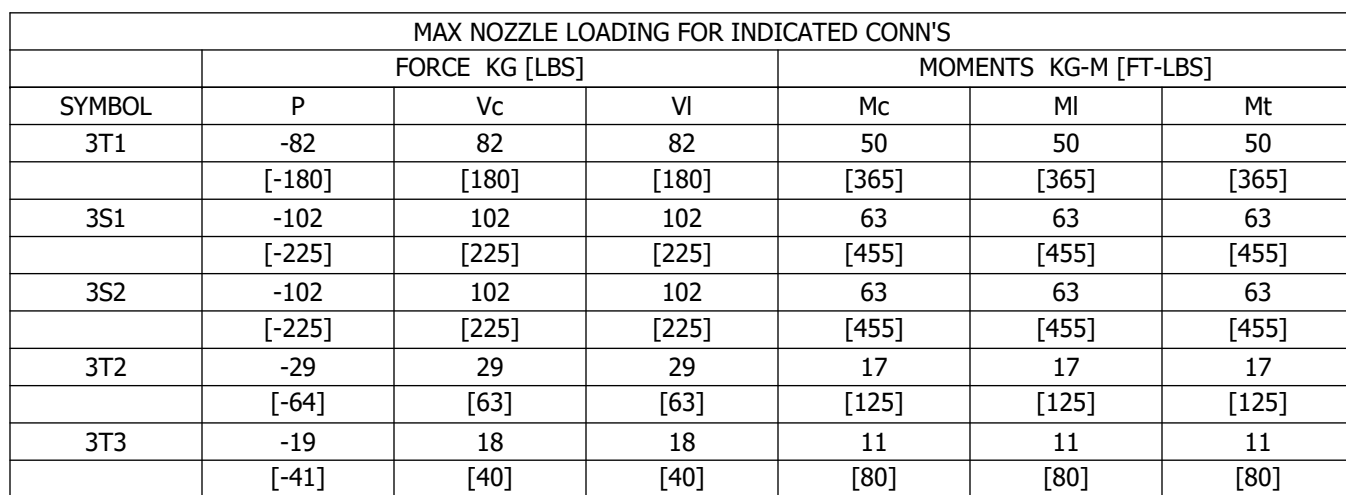
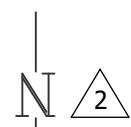
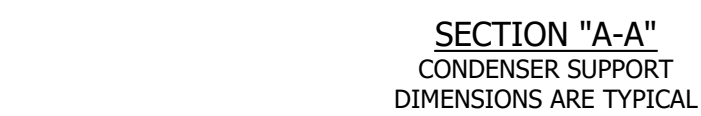






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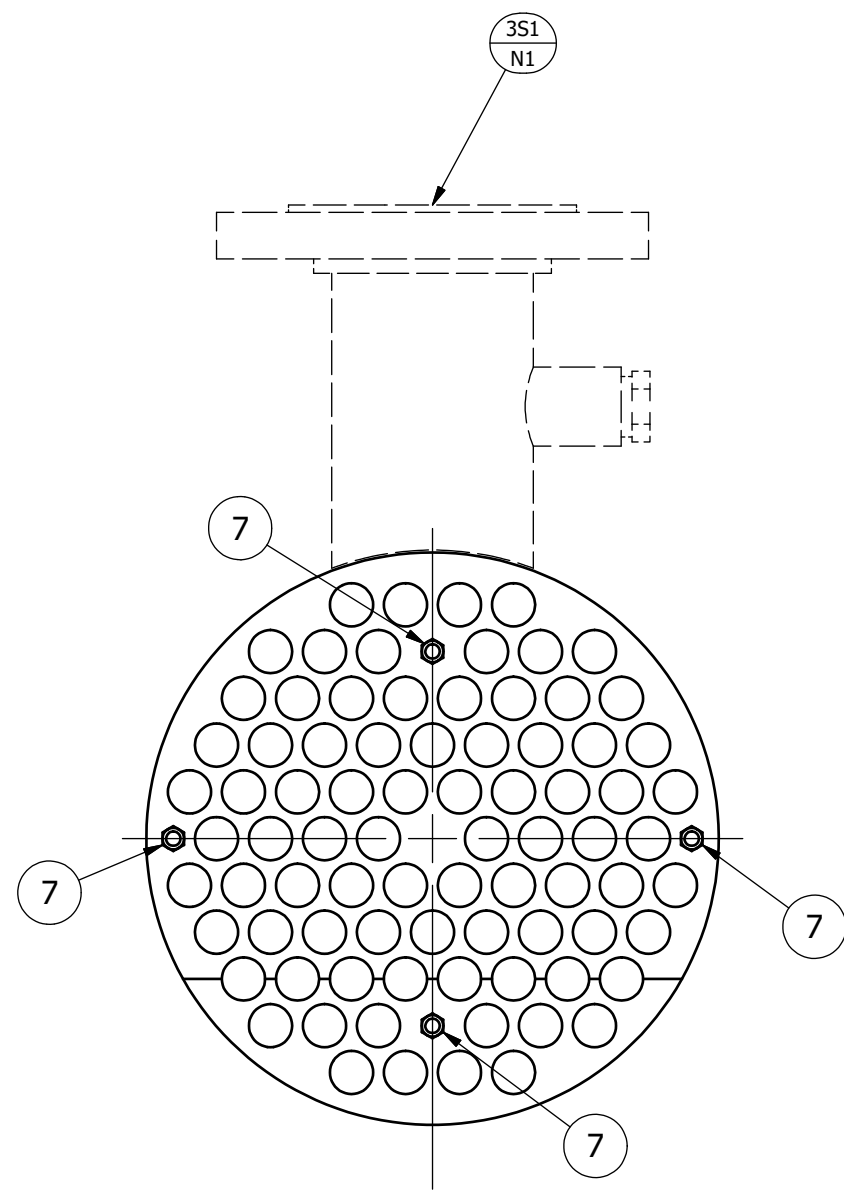
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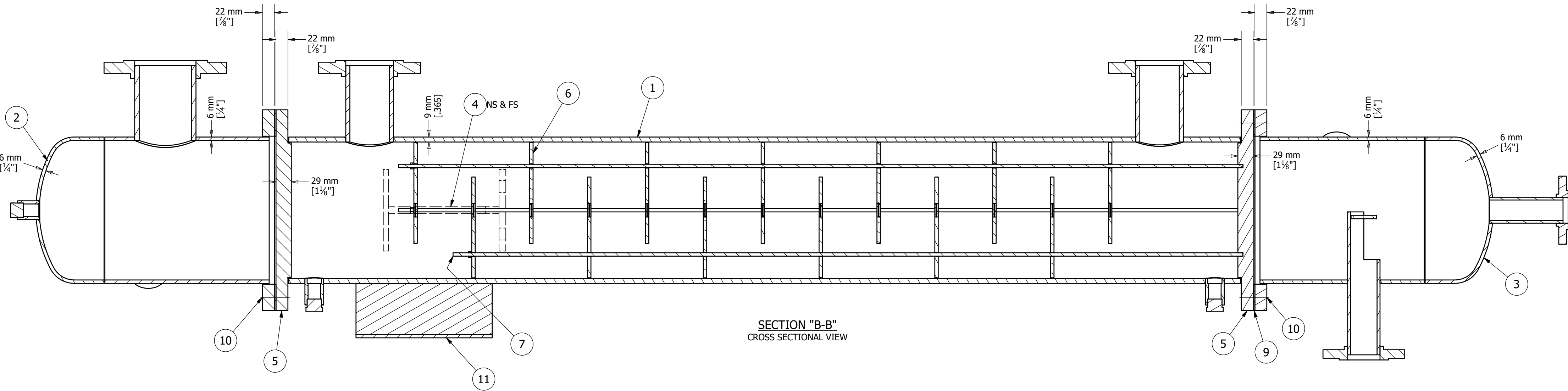
10" x 72" BEM VERTICAL INTERCONDENSER
GENERAL ARRANGEMENT & CROSS SECTIONAL DRAWING

DESIGN:	GMB	SIZE	DWG. NO.	70945-0300	REV
DRAWN:	RMT	D			5
CHECKED:	LRE	SCALE:	DO NOT SCALE	DATE 6/15/2021	SHEET 2 of 3

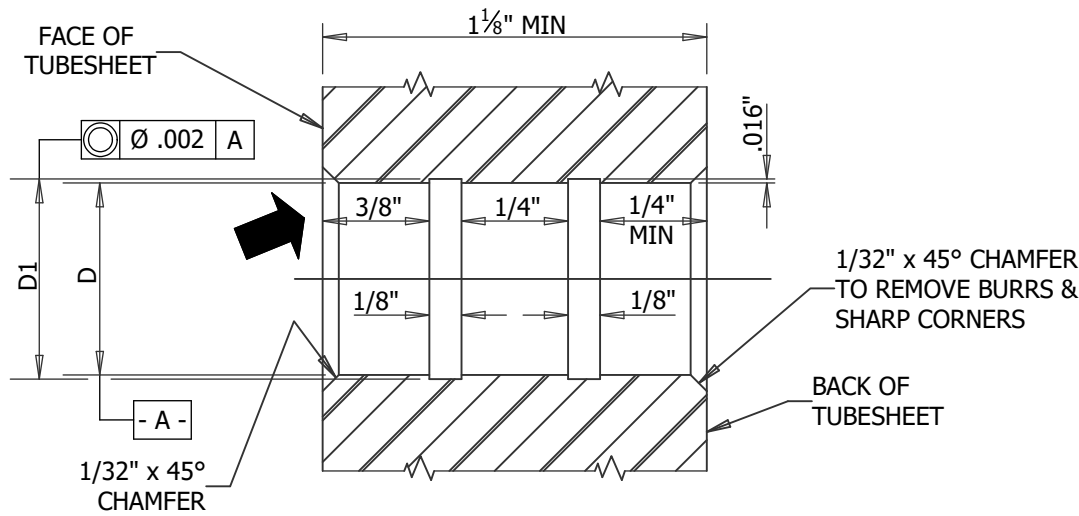
PROJECT - WORPAR
ITEM NBR - 641A.1-C2-641A.2-C2
TYPE - ASSY
eB NBR - 100200047.004
DATE - 02.09.2022



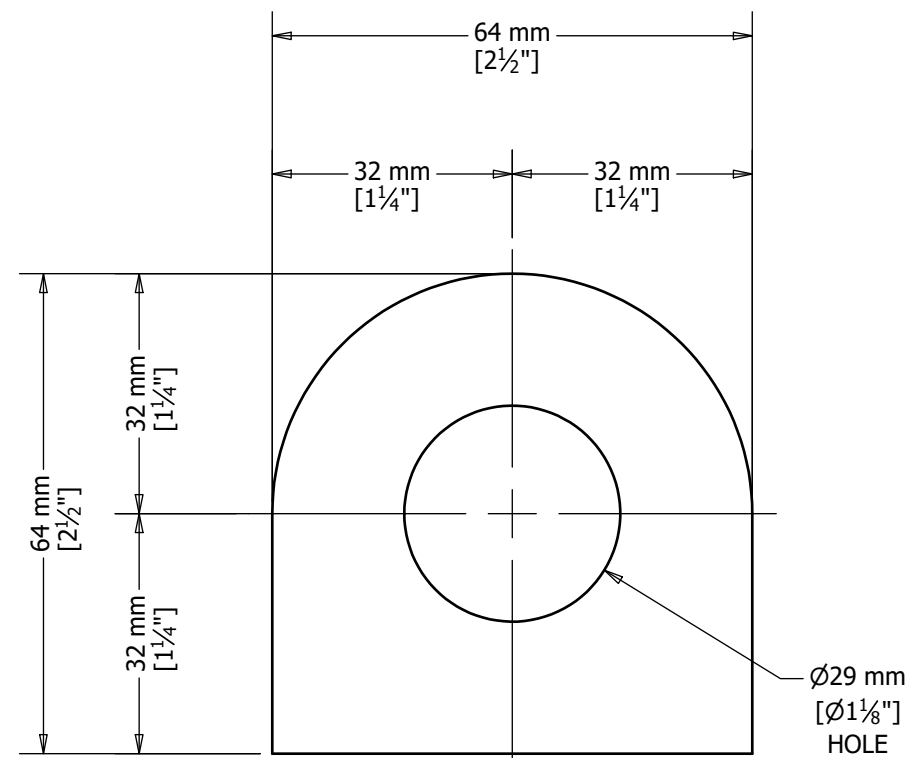
TUBEFIELD LAYOUT 8
(82) Ø½" x 20 BWG (AVG) TUBES
VIEWED FROM TOP



SECTION "B-B"
CROSS SECTIONAL VIEW



DETAIL "C"
TUBE TO TUBESHEET JOINT: EXPANDED, ENHANCED w/ GROOVES
(TUBE HOLE GROOVING)
(Per Graham Std. S-1039)



DETAIL "D"
LIFTING LUG DETAIL
(13mm [½"] THK)

MATERIALS OF CONSTRUCTION			
NO.	PART NAME	MATERIAL	SPECIFICATION
1	SHELL		
	PLATE	CARBON STEEL	SA-516-70
	PIPE	CARBON STEEL	SA-106-B
	FORGING-CONNECTION FLANGE	CARBON STEEL	SA-105
	FORGING-FITTING	CARBON STEEL	SA-105
2	TOP BONNET		
	PIPE	STAINLESS STEEL 304L	SA-312-TP304L
	BODY FLANGE	STAINLESS STEEL 304L	SA-240-F304L
	FORGING-CONNECTION FLANGE	STAINLESS STEEL 304L	SA-182-F304L
	FORGING-FITTING	STAINLESS STEEL 304L	SA-182-F304L
	HEAD	STAINLESS STEEL 304L	SA-403-304L
3	BOTTOM BONNET		
	PLATE	STAINLESS STEEL 304L	SA-240-304L
	PIPE	STAINLESS STEEL 304L	SA-312-TP304L
	FORGING-BODY FLANGE	STAINLESS STEEL 304L	SA-182-F304L
	FORGING-CONNECTION FLANGE	STAINLESS STEEL 304L	SA-182-F304L
	FORGING-FITTING	STAINLESS STEEL 304L	SA-182-F304L
4	HEAD	STAINLESS STEEL 304L	SA-403-304L
	VERTICAL SUPPORTS	CARBON STEEL	SA-516-70
	TUBESHEETS	STAINLESS STEEL 304L	SA-240-304L
	BAFFLES	CARBON STEEL	SA-516-70
	TIE RODS		
7	BAR	CARBON STEEL	COMM QUAL
	TUBES-SPACERS	CARBON STEEL	SA-214 ERW
	HEX NUTS	CARBON STEEL	COMM QUAL
8	TUBES (0.0315 MIN WALL) (0.680" I.D.)	STAINLESS STEEL 304	SA-249-TP304(W)
	GASKETS	GRAFOIL	GHR TYPE
9	BOLTING-EXTERNAL		
	STUD BOLTS	ALLOY STEEL	SA-193 GR-B7 (ZINC PLATED)
	HEX NUTS	CARBON STEEL	SA-194 GR-2H
11	NAMEPLATE BRACKET	CARBON STEEL	SA-516-70

PROJECT - WORPAR
ITEM NBR - 641A.1-C2-641A.2-C2
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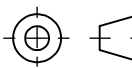
10" x 72" BEM VERTICAL INTERCONDENSER
GENERAL ARRANGEMENT & CROSS SECTIONAL DRAWING

DESIGN: GMB
DRAWN: RMT
CHECKED: LRE

SIZE D
SCALE: DO NOT SCALE

DWG. NO. 70945-0300
DATE 6/15/2021

REV 5
SHEET 3 of 3



3 of 3

LRE 6/30/2022 8:30 AM