HATCH DWG. No.
H295533-0100-240-260-1004-001

GENERAL NOTES

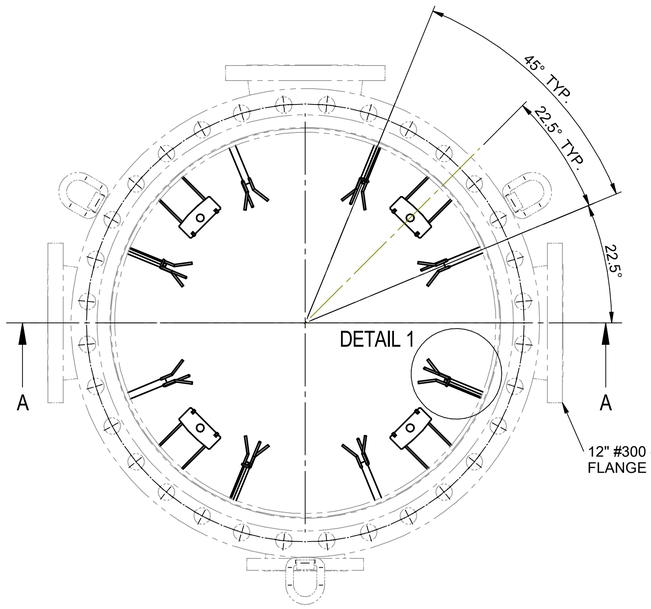
1. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
2. ANCHOR CLIPS (BASE) TO BE WELDED TO SHELL. ANCHOR WIRE TO BE CLIPPED ONTO ANCHOR CLIPS AFTER INSTALLATION OF THE PAPER REFRACTORY AND CASTING OF THE BACKING LAYER OF REFRACTORY. MORE INFORMATION REGARDING INSTALLATION AVAILABLE BY HARBISON-WALKER INTERNATIONAL.

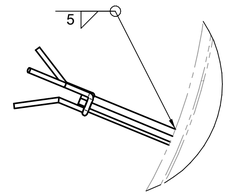
TOLERANCING

GENERAL INFORMATION AND MANUFACTURING REQUIREMENTS UNLESS NOTED OTHERWISE

- TOLERANCES AND DIMENSIONS ARE NON-CUMULATIVE.
- REMOVE ALL BURRS AND SHARP EDGES.
- DO NOT SCALE THE DRAWING.

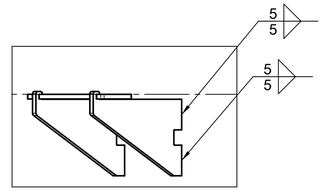
ITEM	STANDARD	CLASS / TOLERANCE
DIMENSIONING AND TOLERANCING	ASME Y14.5-2009	
WELDING SYMBOLS	AWS A2.4-2012	
WELDING	AWS D1.1M-2015, OR AWS D1.6M-2007	
WELDED CONSTRUCTION	ISO 13920: 1996	BF
SURFACE FINISH		25 MICROMETERS
THERMAL CUTTING DIMENSIONS	ISO 9013: 2002	332
GENERAL THREADING	ISO 965: 1998	
DIMENSIONS RELATING TO DRILLED HOLES		± 1mm





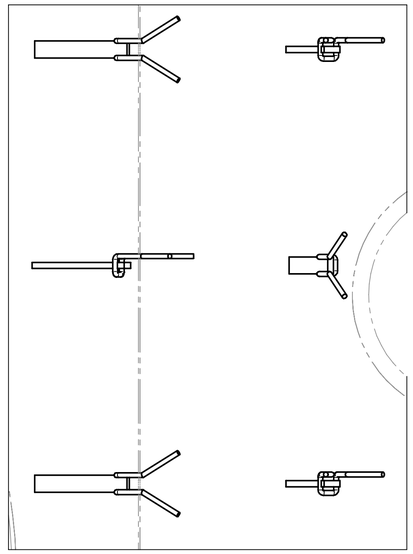
DETAIL 1
SCALE: 1:4
2-L-4.5" ANCHOR CLIP AND 2A ANCHOR X 3.5" C/W EXPANSION CAP PURCHASED FROM HARBISON-WALKER INTERNATIONAL (HWI) .
40 REQUIRED FOR THIS SPOOL

NOTE:
ANCHOR WIRE AND CLIP DETAILED IN DRAWING H295533-0100-240-260-1008 FOR VERIFICATION OF THE PURCHASED PARTS

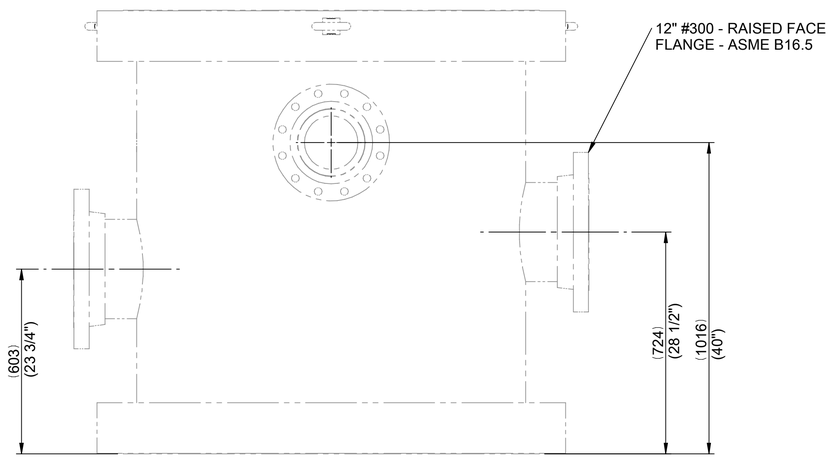


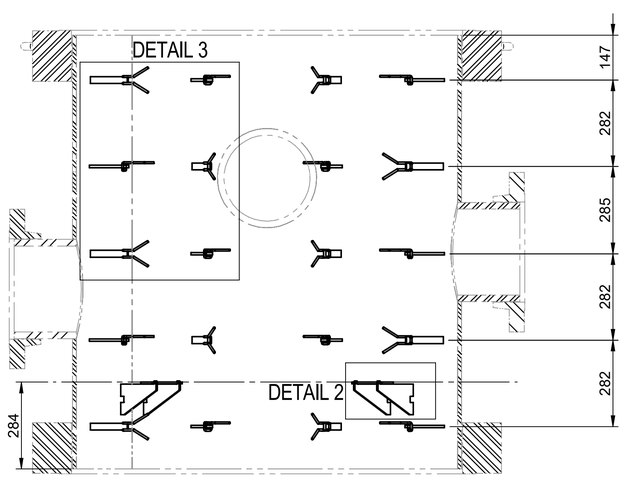
DETAIL 2
SCALE: 1:4
REFRACTORY SHELF.
4 REQUIRED FOR THIS SPOOL.

NOTE:
REFRACTORY SHELF DETAILED IN DRAWING H295533-0100-240-260-1011



DETAIL 3
SCALE: 1:4
REFRACTORY ANCHORS ARRANGEMENT.
ADJACENT ANCHORS WILL BE ROTATED BY 90 DEGREES AS SHOWN.





SECTION A-A

			ISSUED FOR BID DO NOT USE FOR CONSTRUCTION DATE: 2023-05-09									
H295533-0100-240-260-1011	REFRACTORY SHELF DETAILS											
H295533-0100-240-260-1008	HWI ANCHOR WIRE AND CLIP DETAILS		A	FOR CLIENT REVIEW	S.H.	M.N.	S.F.	2023-04-14				
DRAWING No.	DRAWING TITLE		No.	DESCRIPTION	BY	CHK'D	APP'D	DATE	ROLE	NAME	SIGNATURE	DATE
REFERENCE DRAWINGS		REGISTERED PROFESSIONAL	REVISIONS						DRAWING STATUS: FOR BID			

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HATCH

THIRD ANGLE

UNITS: OR AS NOTED

DRAFTSPERSON	S.HOSSEINI	2023-04-27
DESIGNER	S.HOSSEINI	2023-04-27
CHECKER	M. NARANCIC	2023-05-09
DESIGN COORD.	C. MCINTYRE	2023-05-09
RESP. ENG.	A. KOKOURINE	2023-05-09
LEAD DISC. ENG.	A. KOKOURINE	2023-05-09
ENG. MANAGER	C. MCINTYRE	2023-05-09
PRO. MANAGER	S. FRANCEY	2023-05-09

PFIR FOR PCL

HOT PILOT PFIR SPOOL 4 ANCHOR DETAILS

SCALE 1:10 OR AS NOTED

HATCH DWG. No. H295533-0100-240-260-1004-001

SHEET 1 OF 1

REV B

SHEET SIZE: A1