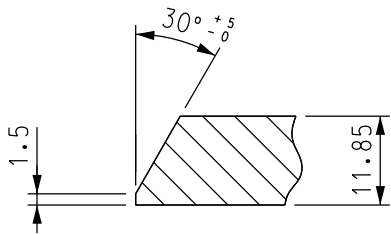
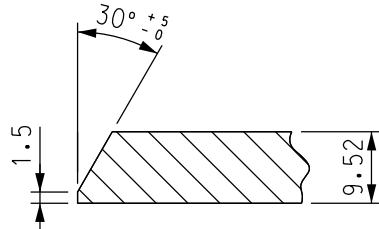


ALL DIMENSIONS,ELEVATIONS AND COORDINATES ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

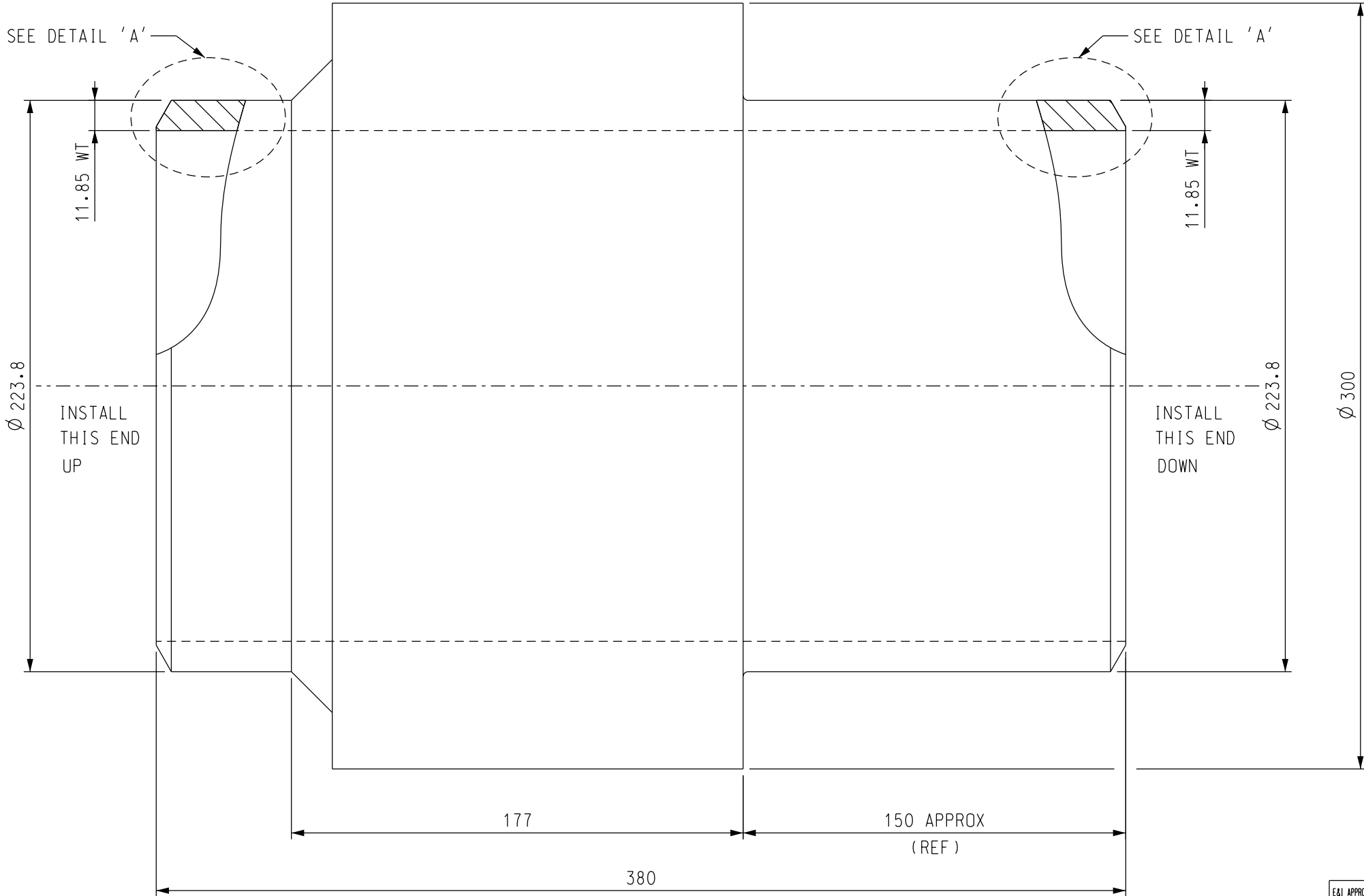
REFERENCE DRAWINGS DESCRIPTION	DRAWING NUMBER
ISO	P03-EC-99001-404



DETAIL 'A'
JOINT WELD PREPS
SCALE 1:1



ADJACENT PIPE WELD PREPS
SCALE 1:1



DETAILS OF INSULATING JOINT
SCALE 1:2

DESIGN CONDITIONS	
TEST PRESSURE	209 BAR
DESIGN PRESSURE	128 BAR
OPERATING TEMPERATURE	-10/74°C

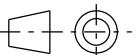
JOINT SPECIFICATION

ELECTRICAL RESISTANCE IN DRY AIR
BETTER THAN 25 M ohms (MEASURED AT 1000 Vdc)

DIELECTRIC STRENGTH IN DRY AIR
BETTER THAN 5000 VOLTS (AT 50 Hz)

- NOTES:-
- O.D OF 8" WELD ENDS INCREASED TO MATCH X65 PIPE STRENGTH
 - ALL JOINTS FULLY MACHINED INTERNALLY TO MATCH BORE OF ADJACENT PIPES.

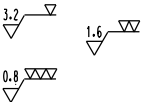
MATERIAL
INSULATING JOINT : ASTM A694 F52
ADJACENT PIPE : API 5L X65

E&I APPROVAL : Jv ASWEGEN DATE : 08/04/2022		ITEM No.	No. OFF	DESCRIPTION	MATERIAL
DRAWN BY : BR SIBIYA DATE : 24/03/2022		PetroSA THE PETROLEUM OIL & GAS CORPORATION OF SOUTH AFRICA (SOC) LTD			
CHECKED : L. LUBISI DATE : 08/04/2022					
ENGINEER : D. MEINIE DATE : 08/04/2022		UNIT 99 PIG RECEIVING STATION			
APPROVED : FV BARTLETT DATE : 08/04/2022		LINE NO. 8"-EC-99001-404 DETAIL OF INSULATING JOINT			
PROJECTION		SCALE	SIZE	PROJECT NUMBER	DRAWING NUMBER
		AS SHOWN	A3	P099.1008	99-QZ009-**-D002
					REV. 01

REV.	DATE	DRAWN	CHK. DATE	ENG. DATE	APP. DATE	REVISION DESCRIPTION
01	06/04/2022	BRS	LL	DRM	FVB	ISSUED FOR INFORMATION ONLY
01A	24/03/2022	BRS				ISSUED FOR SQUAD CHECK

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SURFACE ROUGHNESS
ISO RA68 Ra VALUES
CLEAN UP TO DIMENSION



TOLERANCE
INSTRUCTIONS

