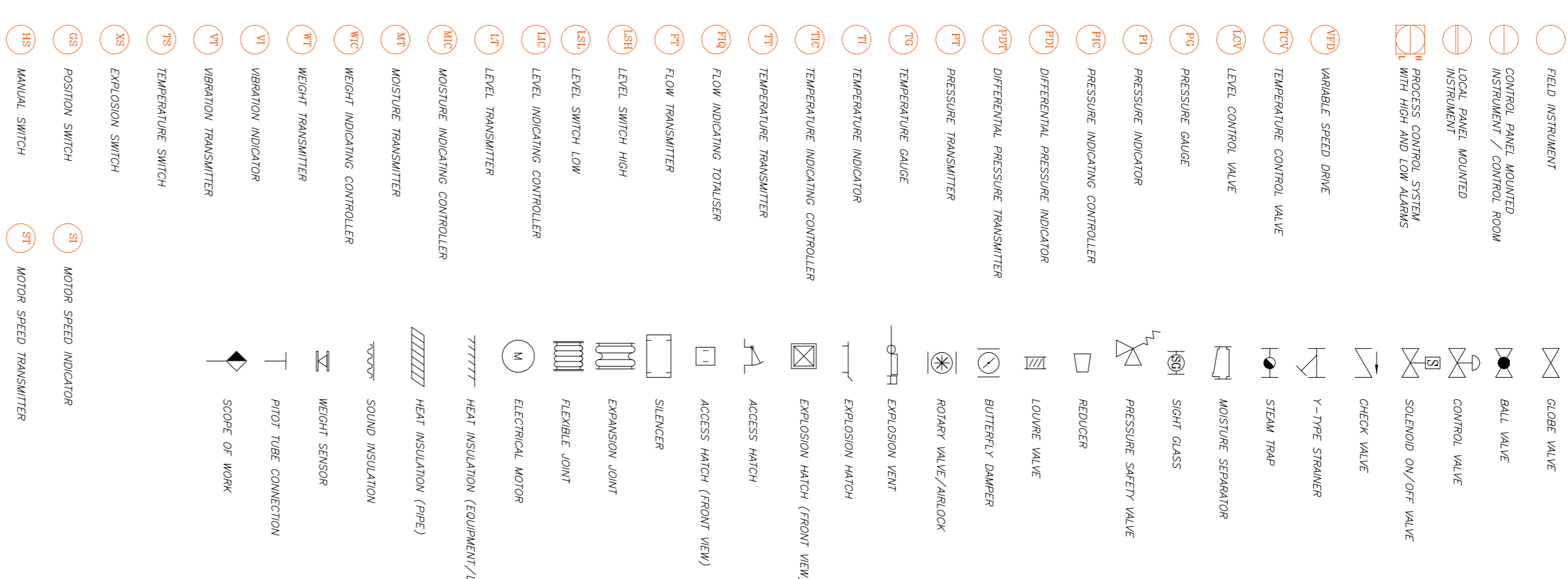


INSTRUMENT LEGEND

SYMBOLS LEGEND



EQUIPMENT TAG No.

EQUIPMENT DESCRIPTION

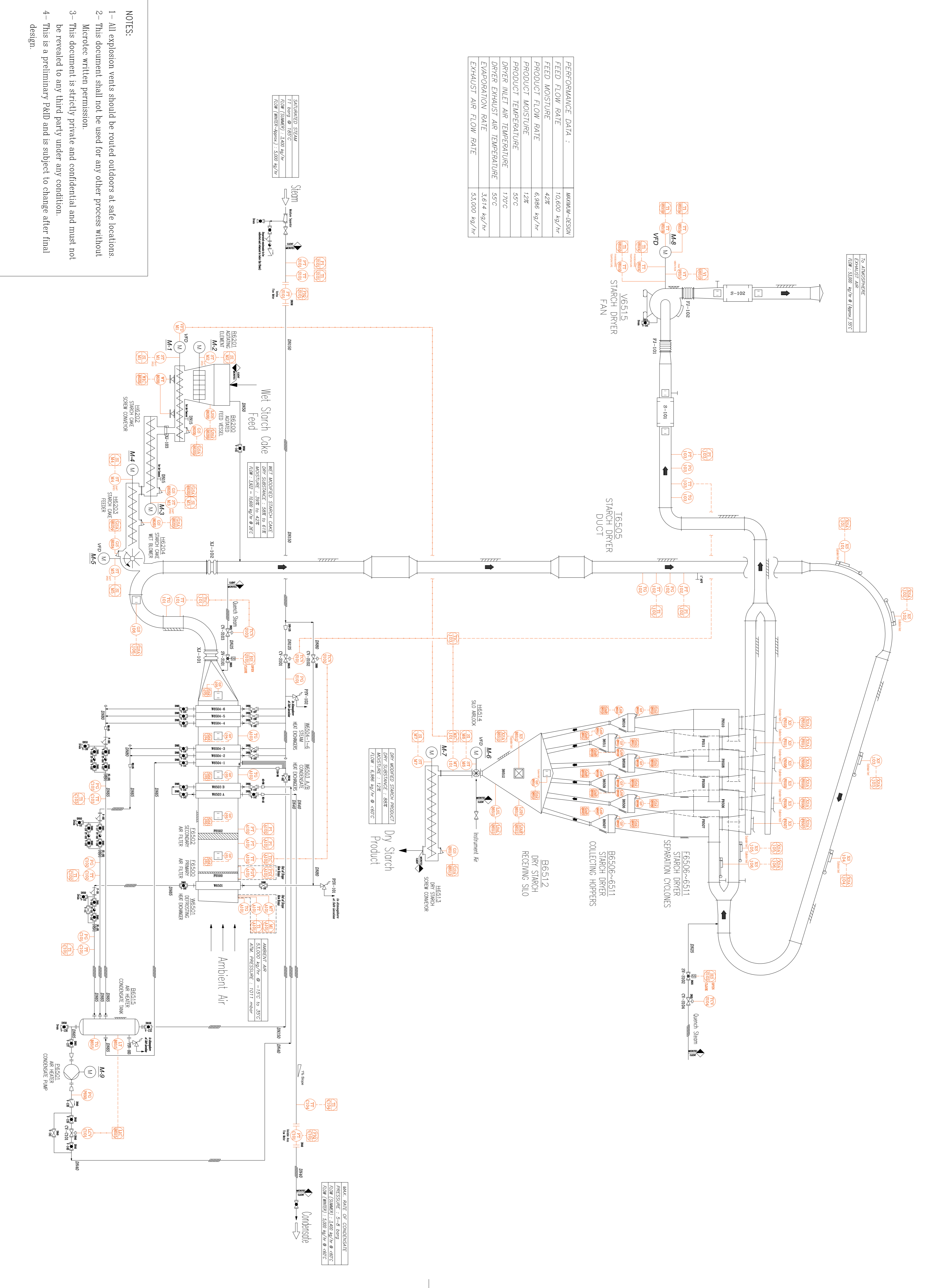
R6200	AGITATED FEED VESSEL
R6201	AGITATED ELEMENT
H6202	STARCH CAKE SCREW CONVEYOR
H6203	STARCH CAKE FEEDER
H6204	STARCH CAKE WET BLOWER
F6500	PRIMARY AIR FILTER
F6502	SECONDARY AIR FILTER
W6501	DETRONSTING HEAT EXCHANGER
W6503 A/B	CONDENSATE HEAT EXCHANGERS
W6504-1-6	STEAM HEAT EXCHANGERS
B6515	AIR HEATER CONDENSATE TANK
P6501	AIR HEATER CONDENSATE PUMP
F6505	STARCH DRYER DUCT
F6506-6511	STARCH DRYER SEPARATION CYCLOONES
B6506-6511	STARCH DRYER COLLECTING HOPPERS
B6512	DRY STARCH RECEIVING SILO
H6514	SILO AIRLOCK
H6513	DRY STARCH SCREW CONVEYOR
V6515	STARCH DRYER FAN

PERFORMANCE DATA :

MAXIMUM DESIGN FEED FLOW RATE	10,600 kg/hr
FEED MOISTURE	42%
PRODUCT FLOW RATE	6,986 kg/hr
PRODUCT MOISTURE	12%
PRODUCT TEMPERATURE	55°C
DRYER INLET AIR TEMPERATURE	170°C
DRYER EXHAUST AIR TEMPERATURE	55°C
EVAPORATION RATE	3,614 kg/hr
EXHAUST AIR FLOW RATE	53,000 kg/hr

NOTES:

- 1- All explosion vents should be routed outdoors at safe locations.
- 2- This document shall not be used for any other process without Microtec written permission.
- 3- This document is strictly private and confidential and must not be revealed to any third party under any condition.
- 4- This is a preliminary P&ID and is subject to change after final design.



NO. DRN		DATE	REVISION DESCRIPTION	APPR	DRG. NO.	REFERENCE DRAWING TITLE
0	A.H.	20/08/2026	ISSUED FOR PROPOSAL	A.Z.		
1	A.H.	21/12/2026	ISSUED FOR COMMENT	A.Z.		
2	A.H.	26/01/2026	ISSUED FOR COMMENT/ APPROVAL	A.Z.		
3	A.H.	26/03/2026	ISSUED FOR APPROVAL	A.Z.		
4						

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APPROVE*		APPROVE*	

AGRAMA - ROMANIA		PROJECT No:	5204
MODIFIED STARCH DRYING UNIT		DRAWING No.	5204-PR-DW-0001-03
PIPING AND INSTRUMENTATION DIAGRAM		REG. FILE No:	03 5204-PR-DW-0001-03
(P&ID)			A1