

RevNo	REVISION NOTE	DATE	DRAWN	CHECKED	APPROVED
02	Certified_general update	09/10/2025	NOM	JNS	NOM
01	Certified	04/17/2025	NOM	JNS	MSA
00	Preliminary	02/12/2025	NOM	JNS	MSA

FLOW SUBSTANCES	
MEDIA	NAME
P95	PULP BLEACHED DRIED DISSOLVED SULPHATE SOFTWOOD
P96	PULP BLEACHED DRIED DISSOLVED SULPHATE HARDWOOD
P91	PULP BROKE, MX OF P95 & P96
P95	PULP, MACHINE FURNISH, BLEACHED
B85	WHITE WATER, PAPER MACHINE
B86	WHITE WATER, CLEAR FILTRATE
B88	WHITE WATER, SUPERFILTRATE
W03	WATER, MECHANICALLY TREATED
G70	AIR, VACUUM SYSTEM
G75	COMPRESSED AIR, MILL
G76	COMPRESSED AIR, INSTRUMENT
D10	EFFLUENT FLOOR, DRAINAGE
S01	STEAM, LIVE, +0.5 MPa
S02	STEAM, LIVE, 0.5-1.3 MPa
C10	CONDENSATE, LIVE STEAM
A101	WET STRENGTH
A102	SOFTENER
A103	ANTI BACTERIAL
A104	DEFOAMER
A105	WIRE/FELT PASSIVATION
A106	FLOCCULANT
A107	MOFFER
A108	ADHESIVE
A109	RELEASE
A110	BIODE

MAX FLOW kg/min / cons. % / LPM  
 NOM FLOW (kg/min / cons. % / LPM)  
 24 / 4 / 600  
 ( 20 / 4 / 505 )

CONNECTED TO DES SYSTEM CONNECTED TO PLC SYSTEM

LOCAL

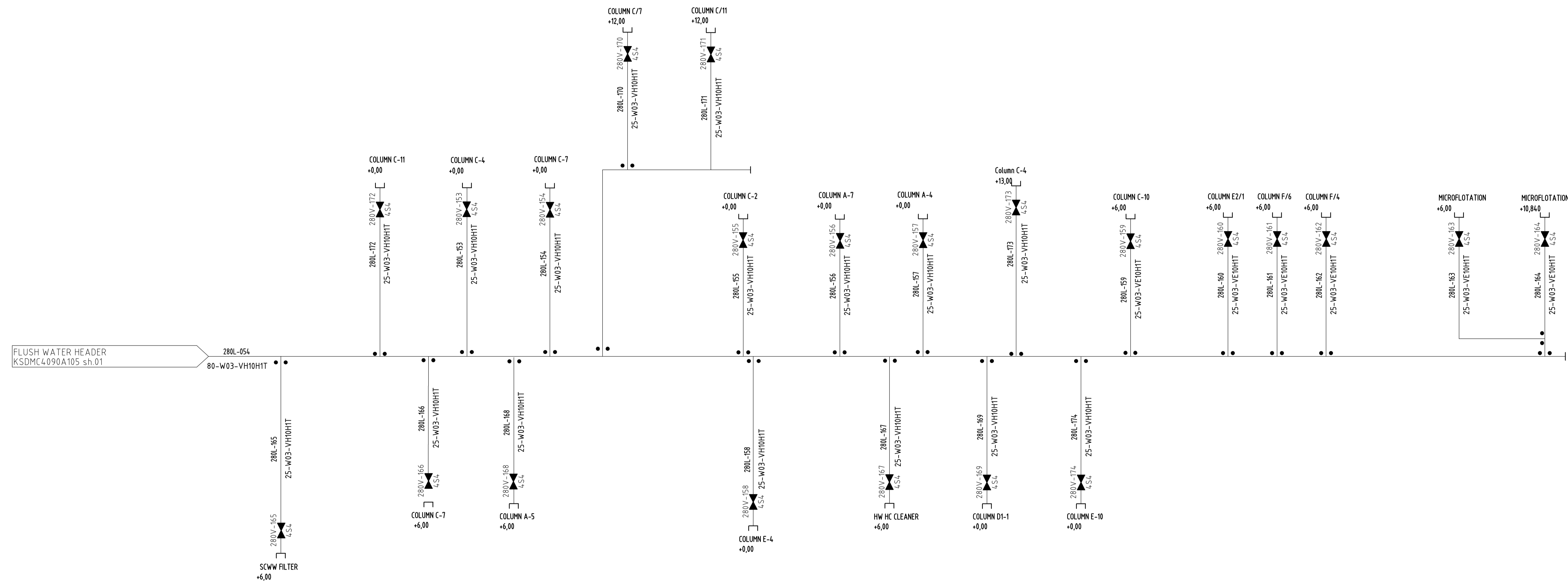
Pipe number  
 Dim. - Media code - Pipe specification

TM PRODUCTION 209 BDT/D
PRODUCTION SPLIT (MAX/LINE):
SOFTWOOD 105 BDT/D
HARDWOOD 209 BDT/D
BROKE 40 BDT/D
RECYCLED BDT/D

DESIGN PRODUCTION 225,8 BDT/D "PROD." 17,5 G/M <sup>2</sup>
HARDWOOD 65 % 14,7 BDT/D
SOFTWOOD 30 % 68 BDT/D
BROKE 5 % 11 BDT/D

**Valmet**  
 Certified  
 Signature NOM \_\_\_\_\_  
 Date 04/17/2025

<b>Valmet</b>	CUSTOMER NAME CONFIDENTIAL	CUSTOMER'S DRWG. NUM./FILE	SYSTEM AutoCAD
	LOCATION OF MILL UK	CUSTOMER'S POS. NUM.	
DRW. NUM. / PROJECT NUM. C4.090A	LANGUAGES EN / -	SCALE	DRAWN ELN
DOCUMENT KIND FLOW DIAGRAM			DATE 2024-12-17
TITLE VESTA			CHECKED JNS
FRESH WATER SYSTEM			DATE 2025-09-10
REASON FOR ISSUE CERTIFIED			APPROVED NOM
			DATE 2025-09-10
			DOCUMENT ID
			REVISION 02
			KSDMC4090A105



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