

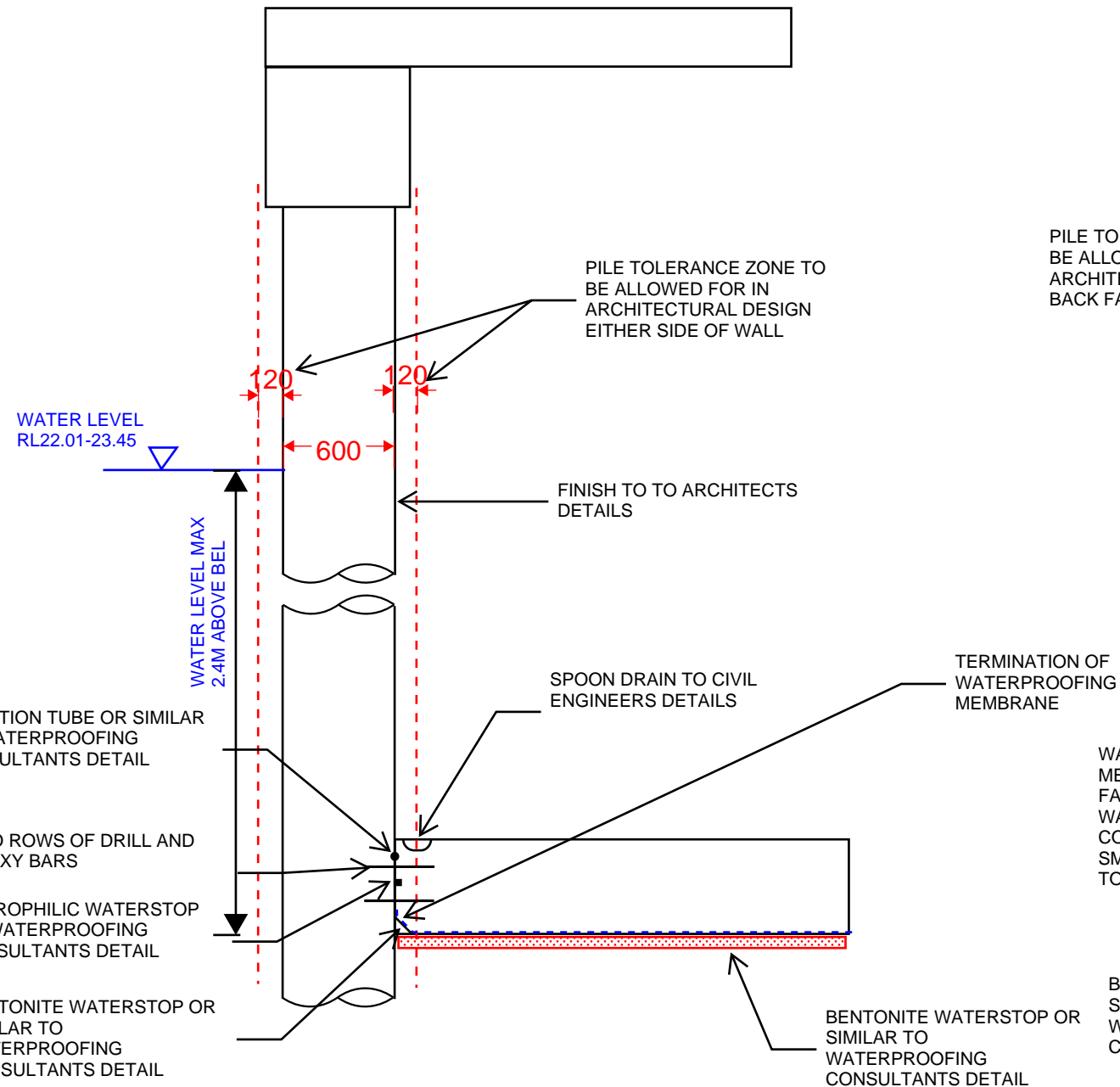
NOTES:

TOLERANCES:
 PILING TOLERANCES TO BE ALLOWED FOR SUBJECT TO PILING CONTRACTOR CONFIRMATION:
 OUT OF POSITION TOLERANCE = +/-75MM
 VERTICALITY TOLERANCE = +/-1:100
 = BASEMENT HEIGHT/100 = 45MM

TOTAL TOLERANCE ZONE = +/-120MM

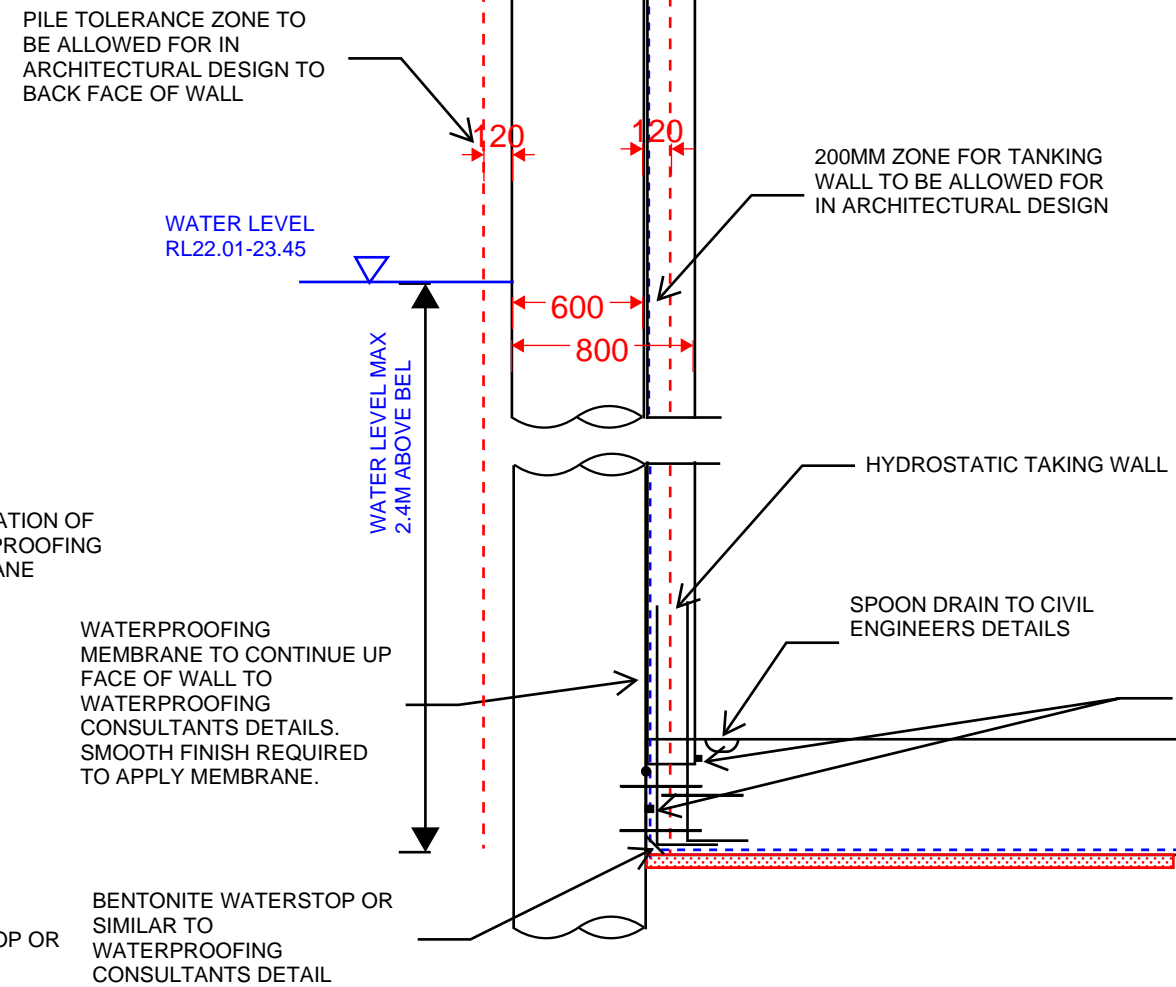
- WATER LEVELS ARE FROM LATEST GEOTECHNICAL REPORTS. SOILSROCK HAVE NOT PROVIDED A LONG TERM WATER LEVEL AND THIS IS REQUIRED TO FINALISE THE SHORING WALL AND HYDROSTATIC SLAB DESIGN INTENT

- WATERPROOFING IS BY OTHERS AND DETAILS ARE TO BE REVIEWED BY THE PROJECT WATERPROOFING CONSULTANT.



OPTION 1 - SECANT PILE WALL ONLY


NOTE:
 -SECANT PILE WALL ACTS AS WATERTIGHT SYSTEM
 -FINISH NON-STRUCTURAL AND TO ARCHITECTS DETAIL.
 -WATER PROOFING MEMBRANE TERMINATES AT UNDERSIDE OF HYDROSTATIC SLAB



OPTION 2 - SECANT PILE WALL + ADDITIONAL TANKING WALL


NOTE:
 -BOTH SECANT WALL AND TANKING WALL WITH MEMBRANE ARE WATERPROOF AND THEREFORE THERE IS AN ADDED LEVEL OF REDUNDANCY IN THE SYSTEM IF ONE ELEMENT WERE TO FAIL.
 -200 THICK TANKING WALL WILL TAKE UP ADDITIONAL 80MM SPACE IN BASEMENT.
 -WATER PROOFING MEMBRANE CONTINUES UP BACK FACE OF WALL

100
90
80
70
60
50
40
30
20
10
0
10mm
ATA3

CLIENT:	REV:	DATE:	DESCRIPTION:	IVR:	APR'D:	TITLE:	NAME:
	A	22/09/2025	FOR INFORMATION ONLY			DRAFTER	
						DRAFTING CHECK	
						DESIGNER	AB
						DESIGN CHECK	
						PROJECT MANAGER	

WOONONA REDEVELOPMENT

BASEMENT SECANT SHORING OPTIONS

			
SCALE: N.T.S.	DATE: 22/09/2025	PHASE: PRELIM	SHT SIZE: A3
DRAWING NUMBER: J1406-STR-SKT-0005		REVISION: [A]	