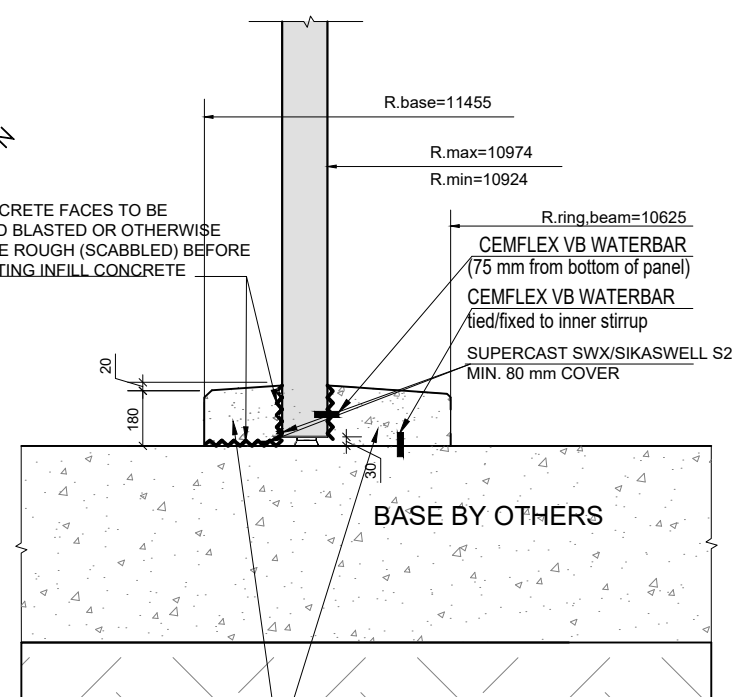
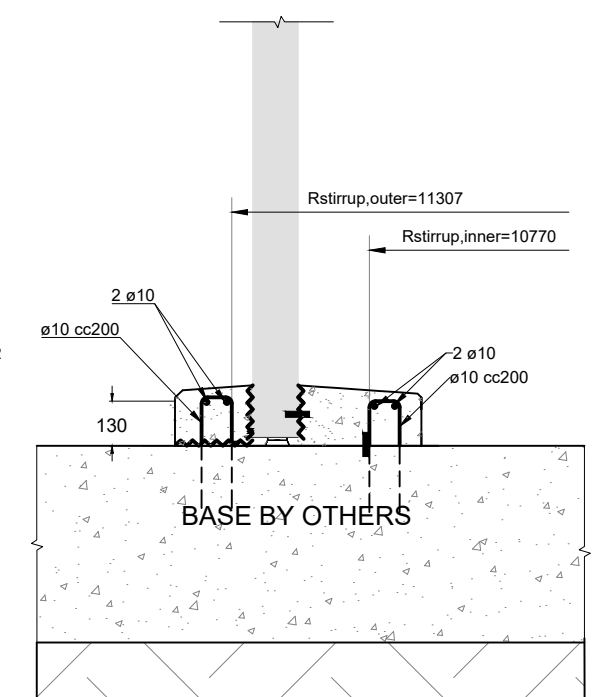


CONCRETE FACES TO BE  
SAND BLASTED OR OTHERWISE  
MADE ROUGH (SCABBLED) BEFORE  
CASTING INFILL CONCRETE



SECTION B-B



JOINT BETWEEN WALL AND BASE

The base is to be designed for the following unfactored loads:

- A horizontal live load from content of 48 kN/m, applied at 100 mm above the top of the base at a radius of R.max.
- A vertical dead load from the wall of 17 kN/m, applied at a radius of R.max.

OBS! Any external forces, such as those from walkways, scraper bridges, or soil loads, have not been included in these loads. It is up to the base designer to determine and account for these additional loads.

account for these additional loads.

E D C B A	ADJUSTED RADII TO REFLECT CHANGES IN WALL PANEL THICKNESS			LK	2026.01.06
	TYPE ELEMENTS ADJUSTED			LLC	2025.12.10
	EXPOSURE CLASS ADJUSTED			LLC	2025.11.14
	EXPOSURE CLASS, AND CONCRETE STRENGTH FOR WALL PANEL ADJUSTED			LK	2025.11.04
	FIRST ISSUE			LLC	2025.10.06
REV.:		DESCRIPTION:	INIT.:		DATE:
NOTE:			GENERAL NOTES:		
TANK WALL CONCRETE:		C40/50	ALL DIMENSIONS IN MILLIMETRES. NO DIMENSIONS IS TO BE SCALED FROM THE DRAWING.		
BASE CONCRETE		-	DIMENSIONAL TOLERANCES: RADIUS: NOMINAL AVERAGE RADIUS R(nom)= +/- 35 mm FROM THEORETICAL Rmax. CIRCULARITY: +/- 25 mm MEASURED FROM Rnom. HEIGHT BETWEEN ONE PANEL TO THE OTHER +/-3 mm WALL PANEL TOP FROM SIDE TO SIDE +/- 5 mm HEIGHT FROM ONE SIDE TO ANOTHER +/- 20 mm		
TANK WALL EXPOSURE CLASS:		DC4, XF4, XC3/4			
BASE EXPOSURE CLASS:		-			
TENDONS TYPE:		-			
EPDM SIZE:		80 mm	THE POST DRILLING OF PRECAST PANELS FOR PIPE CONNECTIONS OR BOLT FIXING IS PERMITTED, HOWEVER THIS WORK MUST BE CARRIED OUT WITH SPECIAL ATTENTION BEING PAID TO THE LOCATION OF THE POST TENSIONING TENDONS WITHIN THE STRUCTURE, ENSURING THAT THE OUTER DIAMETER OF ANY HOLE/APERTURE IS NO LESS 75 MM AWAY FROM THE OUTER DIAMETER OF ANY POST TENSIONING TENDONS. TENDON LOCATION TO BE MEASURED FROM TOP OF WALL DOWN! FOR LOCATION PLEASE REFER TO "AS BUILT" DRAWINGS AND ANCHOR LOCATION IN BUTTRESSES! FURTHER GUIDANCE CAN BE SOUGHT FROM A-CONSULT.		
WALL PANEL WEIGHT:		3352 kg			
BUTTRESS PANEL WEIGHT:		3320 kg			
SURFACE FINISH		FORMSIDE: STEEL FORM UPSIDE: STEEL FLOAT FORM			
Client info:					
BAM					
-					
-					
Date:		2025.10.07	Made by:	LLC	Check by: LK Scale: 1:25
Project no.:		Project name:			
		Knapp Mill			
Constuction place address:					
Description:			Drg.no.:		Issue:
GENERAL PANEL LAYOUT			AQ430773-01-45-32-1000		E
TANK 01					
TANK TYPE: N4500/32+2B/2					
A-CONSULT Ltd. The Barn Manor Business Park East Drayton Retford DN22 0LG			Tel.: +44(0)1777249444 Fax: +44(0)1777248452 e-mail: info@aconsult.co.uk http:// www.aconsult.co.uk		 A-CONSULT

