

CURRENT DESIGN ASSUMPTIONS

DESIGN BASED ON POLYSTORM 'DEEP' (PSM 4) 1000x600x400(D),

DETAILED STRUCTURAL CALCULATIONS REQUIRED TO PROVE TANK HAS SUFFICIENT STRENGTH. REFER TO TABLE FOR TANK LOADINGS.

THE MANUFACTURER WILL NEED TO CONFIRM THAT THE TANK HAS SUFFICIENT STRENGTH FOR THIS LOCATION IN ACCORDANCE WITH CIRIA C680.

SEE TABLE FRO INVERT LEVELS, COVER LEVELS & COVER DEPTHS

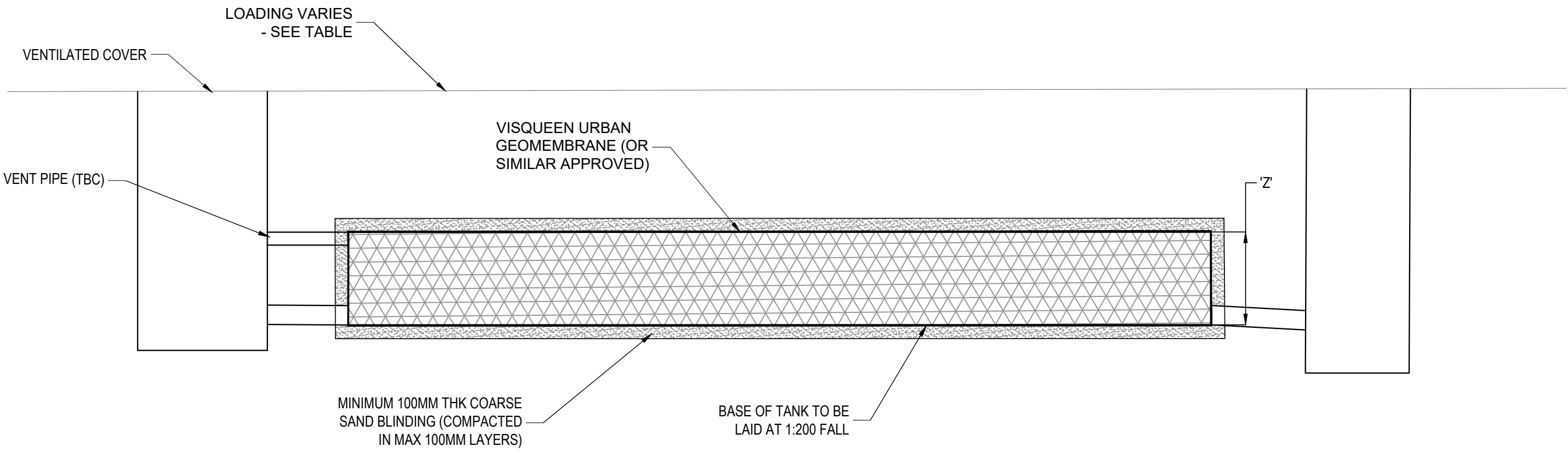
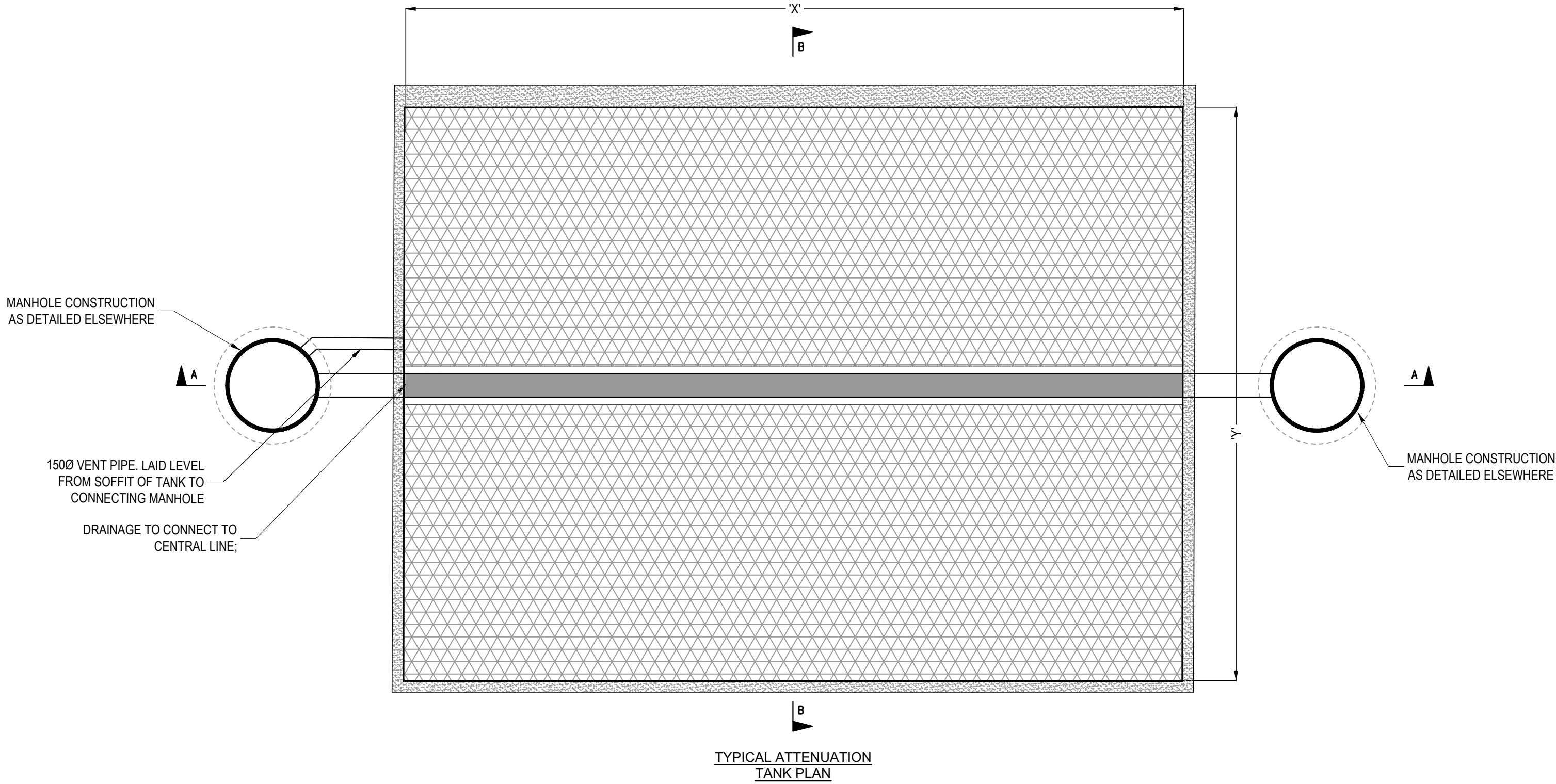
SEE TABLE FOR DIMENSIONS OF TANKS AND VOLUMES

ATTENUATION VOLUME, BASED ON 95%

IMPERMEABLE MEMBRANE, BED AND SURROUND TO BE CONFIRMED WITH THE MANUFACTURER.

REFER TO DRAINAGE LAYOUTS NMGNPH-VV-XX-DR-C-9250 - 9253 FOR INLET/ OUTLET LOCATIONS

ATTENUATION DETAILS									
REF	U/S MANHOLE	BASE LEVEL	MIN COVER LEVEL	MINIMUM COVER DEPTH	LOADING	LENGTH 'X'	WIDTH 'Y'	DEPTH 'Z'	VOLUME
TANK 1	SA7	70.94	75.15	2.21	PEDESTRIAN	10m	6.5m	2.0m	162m³
TANK 2	SB23	71.28	73.94	1.06	HEAVY VEHICLES	10m	9.5m	1.6m	144m³
TANK 3	N8A	71.52	72.32	0.80	PEDESTRIAN	10.81m	10.51	0.8m	87.3m³
ARBOCEL 1	N7	72.64	73.530	0.20	PEDESTRIAN	N/A	N/A	0.2m	15.6m³
ARBOCEL 2	N15	72.59	73.050	0.10	PEDESTRIAN	N/A	N/A	0.2	36.0m³



- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - REFER TO DRAINAGE LAYOUT NMGNPH-CUR-00-XX-DR-C-9250 FOR THE LOCATION OF THE ATTENUATION TANK.
 - FLOW CONTROL TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS, INSTRUCTIONS AND RECOMMENDATIONS.
 - WHERE ALTERNATIVE FLOW CONTROL DEVICE IS PREFERRED, IT WILL BE SUBJECT TO REDESIGN TO CONFIRM WHETHER THE SYSTEM HAS CAPACITY.
 - SURFACE WATER DRAINAGE CONNECTION SUBJECT TO S106 AGREEMENT WITH UNITED UTILITIES
 - FOR FULL DRAINAGE NOTES REFER TO NMGNPH-CUR-XX-ZZ-DR-C-9260

P03	ISSUED FOR DISCHARGE CONDITIONS	01.06.22	TK	MW
P02	ISSUED FOR STAGE 4	29.10.21	ATL	MW
P01	ISSUED FOR STAGE 3	18.01.21	MW	MW
Rev:	Description:	Date:	By:	Chkd:



Merchant Exchange, 17-19 Whitworth Street West, Manchester, M1 5WG
0161 236 2384
manchester@curtins.com
www.curtins.com

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Status: STAGE 4					
Project: NEW PARK HOUSE					
Orig Title: DRAINAGE DETAILS SHEET 4					
Project No:	Size:	Date:	Drawn By:	Designed By:	Checked By:
075856	A1	18.01.21	MW	MW	MW
Scale: 1:NTS					
Project Code:	Originator:	Zone:	Level:	Type:	Discipline: Category / Number: Rev:
NMGNPH- CUR - VV - ZZ - DR - C -	9264	-P03			