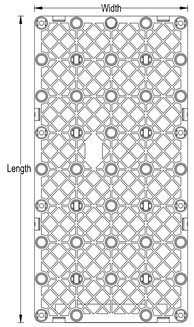
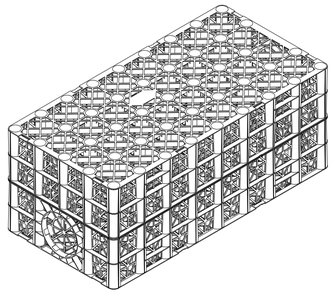
ISO A1 594mm x 841mm

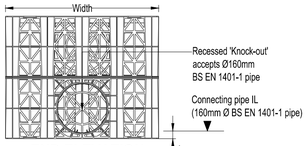
POLYSTORM CELLS
Product Code: PSM1, PSM1A & PSM2



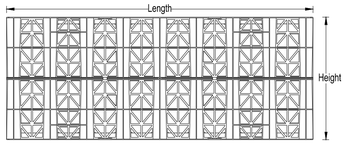
PLAN VIEW
Scale 1:10



ISOMETRIC VIEW
Scale 1:10



END ELOVATION
Scale 1:10



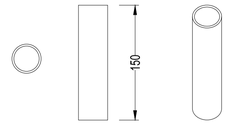
SIDE ELEVATION
Scale 1:10

POLYSTORM TABLE

NAME	CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	A (mm)	VERTICAL STRENGTH (kN/m²)	LATERAL STRENGTH (kN/m²)	COLOUR	MATERIAL
Polystorm	PSM1	1000	500	400	25	440	63	Grey	Prime Polypropylene
Polystorm - R	PSM1A	1000	500	400	25	610	63	Black	Recycled Polypropylene
Polystorm Lite	PSM2	1000	500	400	25	200	40	Black	Recycled Polypropylene



POLYSTORM CLIP
Scale 1:5

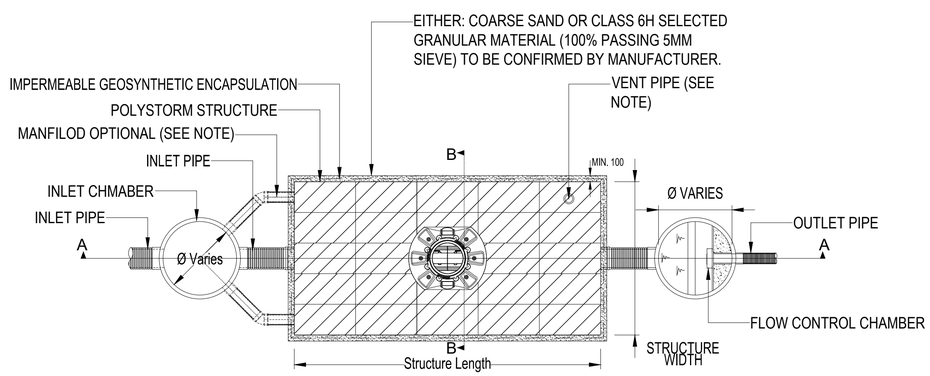


POLYSTORM SHEAR CONNECTOR
Scale 1:5

POLYSTORM SYSTEM NOTES
1. POLYSTORM UNITS ARE AVAILABLE WITH EITHER A Ø225mm OR Ø300mm RIDGIDRAIN SOCKET UPON REQUEST. PLEASE REFER TO: PSM_SD_004

NOTES
1. ALL DIMENSIONS IN MILLIMETERS, UNLESS OTHERWISE STATED.
2. ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITHIN MANUFACTURING OR CONSTRUCTION TOLERANCES.
3. ALL SITE TEMPORARY AND ENABLING WORKS BY OTHERS.
4. POLYPIPE PRODUCTS TO BE INSTALLED IN ACCORDANCE WITH POLYPIPE CIVIL RECOMMENDATIONS (REFER TO POLYPIPE TECHNICAL GUIDANCE FOR FURTHER INFORMATION), GIVING DUE CONSIDERATION TO THE REQUIREMENTS OF THE ORGANISATION WHO WILL BE TAKING ULTIMATE OWNER SHIP OF THE INSTALLATION.
5. THIS DRAWING IS INTENDED FOR GUIDANCE ONLY. CONFIRMATION OF THE INFORMATION CONTAINED WITHIN THIS DOCUMENT SHOULD BE SOUGHT FROM THE CONSULTING ENGINEERS BEFORE FINAL DESIGN OR CONSTRICTION ACTIVITIES COMMENCE.

POLYSTORM GEOCELLULAR COMPONENT



TYPICAL ATTENUATION TANK PLAN
(Scale 1:75)

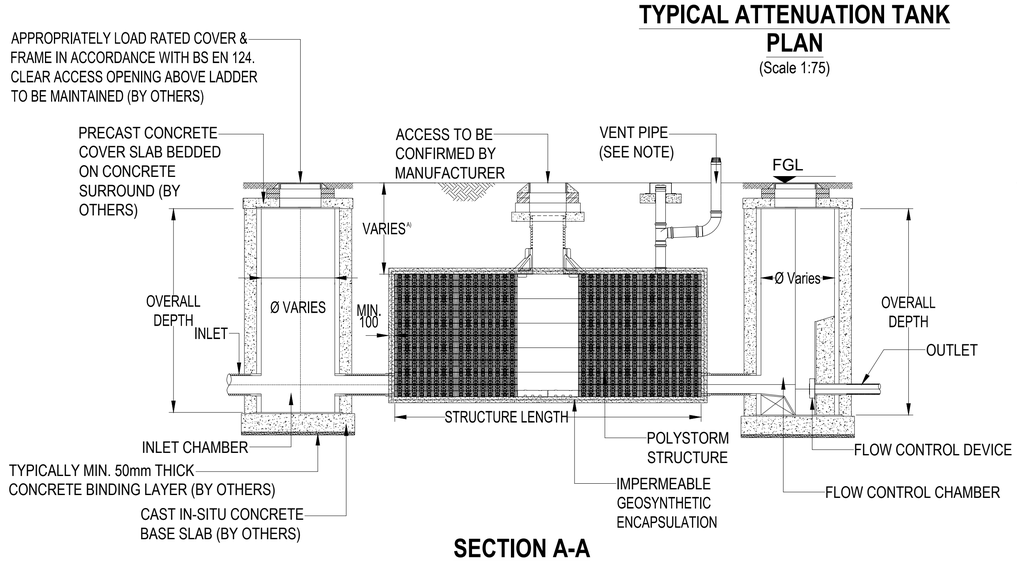
POLYSTORM ACCESS NOTES
1. REFER TO POLYPIPE DRAWING NO. PSM_SD_PSM_004 FOR TYPICAL INTEGRATION INTO POLYSTORM STRUCTURE.

VENTILATION NOTE
1. FOR INFORMATION ON VENTILLATION OPTIONS PLEASE REFER TO DRAWING REF: PSM_SD_PSM_002.

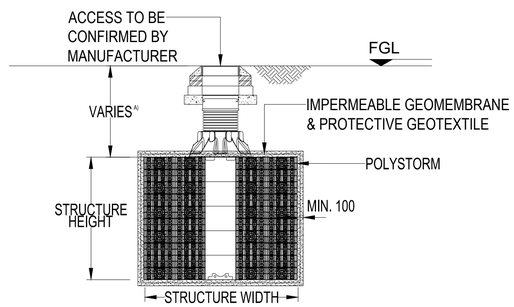
MANIFOLD NOTE
1. WHERE SINGLE PIPE HYDRAULIC CAPACITY IS EXCEEDED MANIFOLD DETAIL MAY BE REQUIRED. FOR INFORMATION ON MANIFOLD CONNECTION PLEASE REFER TO DRAWING REF: PSM_SD_008

NOTE A
FOR INFORMATION ON TANK COVER DEPTHS PLEASE REFER TO DRAWING REF:PSM_SD_PSM_005 OR ALTERNATIVELY CONTACT THE TECHNICAL TEAM: - 01509 61500

NOTES
1. ALL DIMENSIONS IN MILLIMETERS, UNLESS OTHERWISE STATED.
2. ALL DIMENSIONS ARE NOMINAL AND MAY VARY WITHIN MANUFACTURING OR CONSTRUCTION TOLERANCES.
3. ALL SITE TEMPORARY AND ENABLING WORKS BY OTHERS.
4. POLYPIPE PRODUCTS TO BE INSTALLED IN ACCORDANCE WITH POLYPIPE CIVIL RECOMMENDATIONS (REFER TO POLYPIPE TECHNICAL GUIDANCE FOR FURTHER INFORMATION), GIVING DUE CONSIDERATION TO THE REQUIREMENTS OF THE ORGANISATION WHO WILL BE TAKING ULTIMATE OWNER SHIP OF THE INSTALLATION.
5. THIS DRAWING IS INTENDED FOR GUIDANCE ONLY. CONFIRMATION OF THE INFORMATION CONTAINED WITHIN THIS DOCUMENT SHOULD BE SOUGHT FROM THE CONSULTING ENGINEERS BEFORE FINAL DESIGN OR CONSTRICTION ACTIVITIES COMMENCE.



SECTION A-A



SECTION B-B
Scale (1:75)

AECOM

PROJECT
CLOUGH BANK B

CLIENT
MAG

CONSULTANT
AECOM
100 Embankment
Cathedral Approach
M1 7FB
T:+44-161-601-1700
www.aecom.com

NOTES
1. ALL DIMENSIONS ARE IN METERS AND ALL LEVELS IN METERS ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER SCHEME DRAWINGS AND DOCUMENTS.
3. THIS DRAWING IS TO BE ISSUED ONLY BY THOSE TO WHOM IT HAS BEEN FORMALLY ISSUED BY AECOM OR THE CLIENT (MAG).
4. ONLY WRITTEN DIMENSIONS SHALL BE USED. CRITICAL DIMENSIONS AND LEVELS SHALL BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO WORK COMMENCEMENT.
5. ANY DISCREPANCIES IN DIMENSIONS OR DETAILS ON OR BETWEEN THESE DRAWINGS SHALL BE DRAWN TO THE ATTENTION OF THE PROJECT MANAGER FOR CLARIFICATION.
6. ALL MATERIALS AND WORKMANSHIP TO BE TO IN ACCORDANCE WITH THE CURRENT BRITISH STANDARDS BSEN752 AND THE CURRENT BUILDING REGULATIONS.

ISSUE/REVISION

I/R	DATE	DESCRIPTION	BY	CK	AP
P02	17/05/2024	NOTES UPDATED AS PER CLIENT COMMENT	NM	TG	VB
P01	03/05/2024	TENDER ISSUE	NM	RG	VB

SUITABILITY
D2 - Suitable for Tender

PROJECT NUMBER
60719865

SHEET TITLE
CLOUGH BANK B
DRAINAGE STANDARD DETAILS
SHEET 4 OF 4

SHEET NUMBER
60719865-ACM-CBB-XX-DR-CE-000523

SCALE NTS @ A1

REVISION P02

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