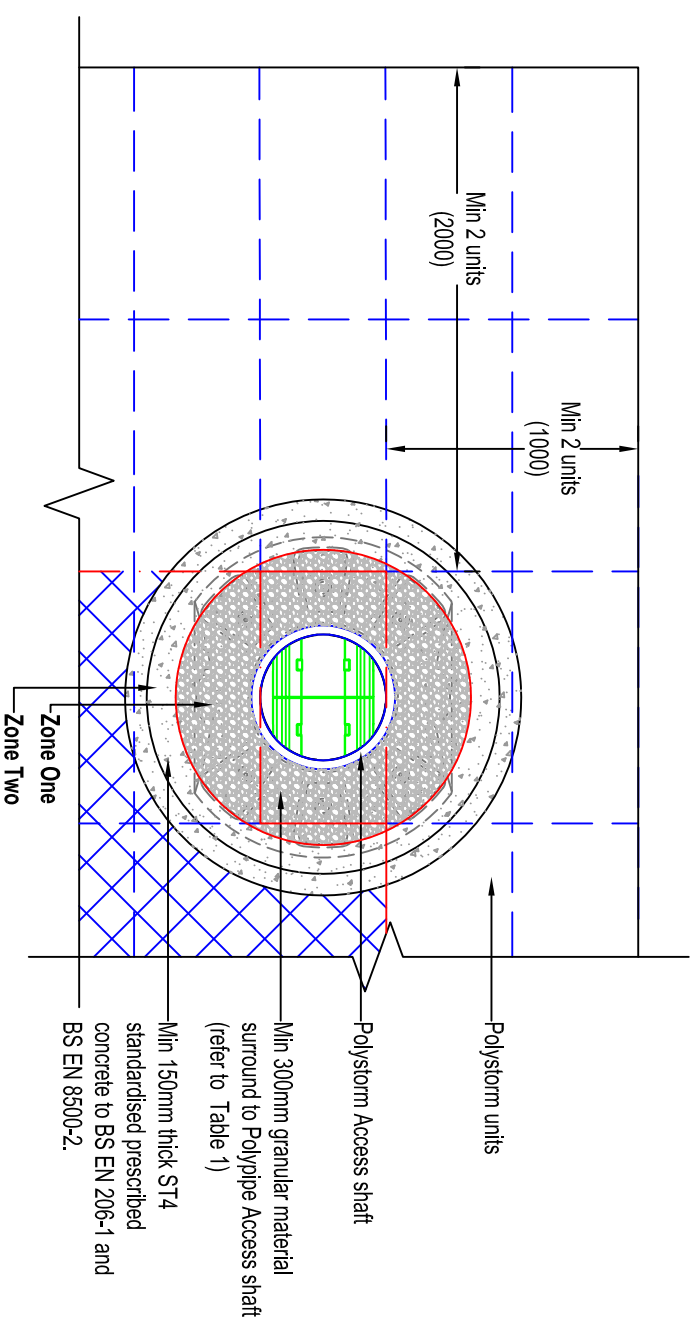


TYPICAL ELEVATION
Scale 1:30



PLAN VIEW
Scale 1:30

Table 1) Summary of Typical Installation Detail; Including when protective measures are required

LOADING	COVER DEPTH (x)	ZONE 1 (Turret base protection)		ZONE 2 (Turret protection)			TYPICAL COVER & FRAME LOAD CLASS
		Granular	Concrete	Granular	Concrete	Compressible Fill	
LANDSCAPE	Min. (mm) / Max. (mm)	✓	✓	✓	✓	✓	Class B (PSM4END)
	750 / 2000	✓	✓	✓	✓	✓	
LIGHT TRAFFIC	2000	*	✓	✓	✓	✓	Class C250 (by others)
	2500	*	✓	✓	✓	✓	
HEAVY TRAFFIC	1050	*	✓	✓	✓	✓	Class D400 (by others)
	2500	*	✓	✓	✓	✓	

*Max depth dependant on Polystyrene system maximum depth.
*For cover less than 750mm Access system cant be used.
*If x is equal or greater than 2.5m concrete surround will be required, in heavy trafficked areas concrete surround will always be required.

Table 2) Access shaft granular surround

BS EN 13242, Coarse aggregate (Clause 4.3.2)	
Category for general grading requirements	G ₈₀₋₂₀
Category for tolerances at mid-sized sieves	G _{IR} (no requirements)
Category for maximum values of fines content	Gravel - f _{1.5} Crushed rock, recycled aggregate - f ₄
Aggregate size, mm	Graded
	2/14, 4/20 or 4/40
	Single sized
	4/10, 6/14, 10/20 OR 20/40

- NOTES**
- Coarse aggregate materials shall be in accordance with the relevant provisions of MCDHW, Volume 1, Series 500, Clause 503.
 - Aggregate assumed to be well compacted, achieving a minimum modified proctor density of 90%.
 - Where alternative pipe bed & surround material specification(s) are proposed, these should be agreed with the overseeing engineer before final design or installation activities commence.

- NOTES**
- All dimensions in millimetres, unless otherwise stated.
 - All dimensions are nominal and may vary within manufacturing or construction tolerances.
 - All site temporary and enabling works by others.
 - Polypipe products to be installed in accordance with Polypipe civils recommendations (refer to Polypipe technical guidance for further information), giving due consideration to the requirements of the organisation who will be taking ultimate ownership of the installation.
 - 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 construction activities commence.

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PROJECT: **POLYSTORM STANDARD DETAILS**

TITLE: **POLYSTORM ACCESS TURRET INSTALLATION**

STATUS: **FOR INFORMATION**

DATE: 17/03/16
DRAWN BY: JL

ORIGINAL SIZE: A3
SCALE: AS SHOWN

DRAWING NO.: PSM_SD_PSM_005
REV: