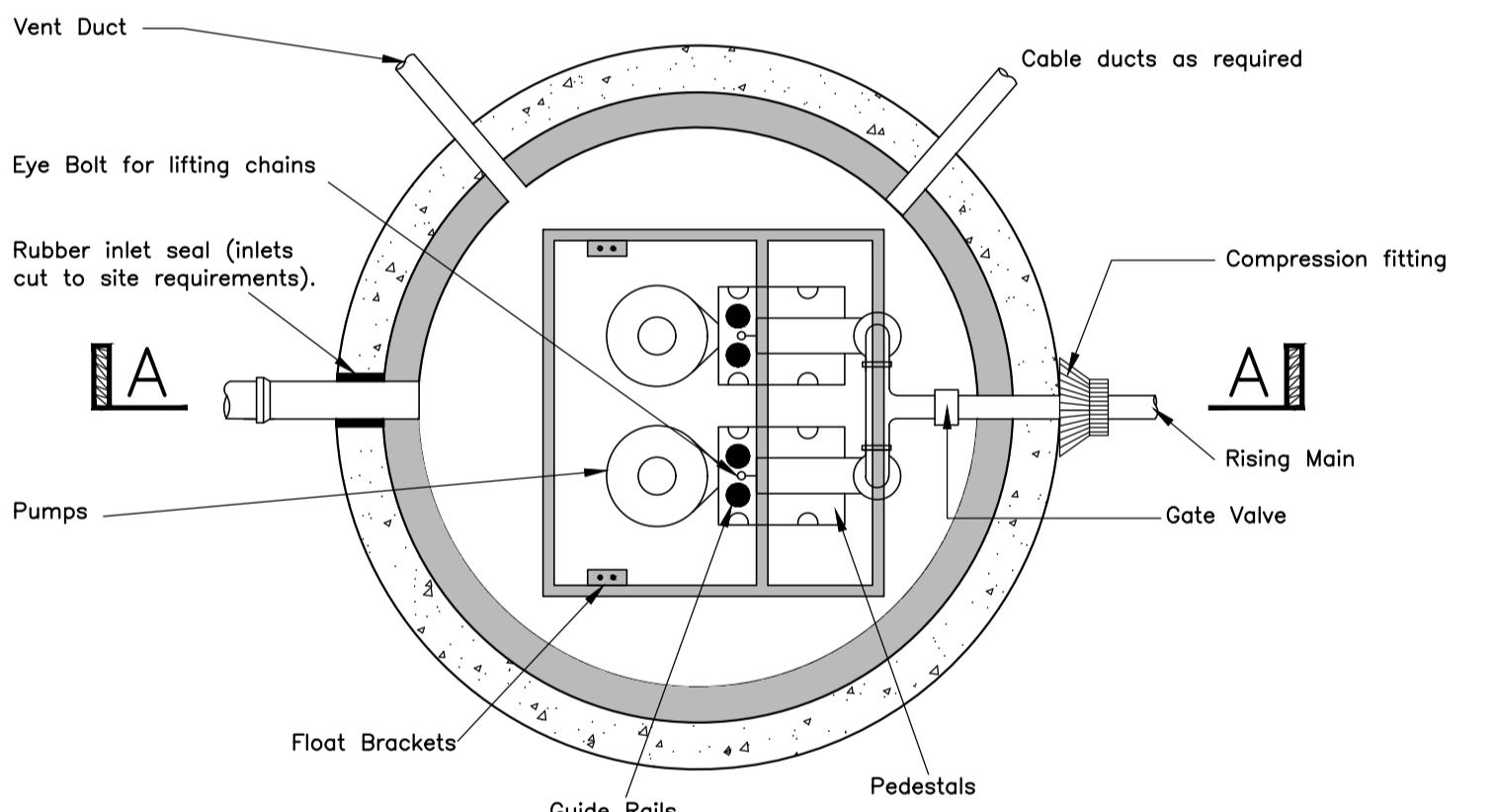


Typical Pumping Chamber (PC2) – Section A-A

NTS



Typical Pumping Chamber (PC2) – Plan

1:20

- Notes:**
- This drawing shall be read in conjunction with all relevant engineers drawings. Any discrepancies found between information shown on this or any other drawing shall be reported to the Walker Associates' engineer immediately and prior to works commencing on site.
 - Type A granular bedding shall consist of 14mm single sized pea shingle to TABLE 1 of BS 882 part 2 1973.
 - Selected fill type B shall consist of uniform readily compactable material free from tree roots, vegetable matter, building rubbish and frozen soil and excluding clay lumps retained on a 75mm sieve and stones larger than the maximum size permitted on any adjacent type of bedding material.
 - Where concrete bed and surround is specified joint filler should be provided AT every joint. The filler may be expanded polystyrene 25mm thick or flexcell cut to the shape of the bed and surrounded and such that the ingress of concrete into the pipe is prevented.
 - To allow for possible differential movement a flexible joint must be incorporated in each section of pipeline within 150mm of where it enters a building or connects with a manhole, wall or other structure:- see manufacturers instructions
 - All pipework generally to be bedded as follows
 - (i) Under vehicular areas where cover is less than 900mm under pedestrian areas where cover is less than 600mm } concrete bed and surround.
 - (ii) Under vehicular areas, pedestrian areas where depths given in (i) are exceeded; } class S bedding.
 - All concrete at or below ground level on site shall be designed to BRE Special Digest 1.
 - All private pipework shall be either vitrified clay, concrete or uPVC to BS 65, BS 5911 and BS EN 1401 respectively.
 - Pump station to be a twin pump packaged installation set to operate on a duty standby basis. Pumps to be macerator type generally in accordance with the WRC design and construction guidance.
 - Rising main to be black MDPE. The minimum size should be 80 mm nominal bore.
 - Pumps station to be fitted with an audio and visual alarm with emergency storage provided at a rate of 150litres per occupant. Alarms to be monitored and responded to by a management company.

11. Pumps station to be fitted with an audio and visual alarm with emergency storage provided at a rate of 150litres per occupant. Alarms to be monitored and responded to by a management company.

P1	PRELIMINARY ISSUE	18.01.24
REV	REVISIONS	DATE
PROJECT		
SULLIVAN CRESCENT		
HAREFIELD		
TITLE		
PRIVATE DRAINAGE CONSTRUCTION		
DETAILS		
SHEET 2 OF 2		
CLIENT		
		
M. PEGRAM & ASSOCIATES LTD		
BUILDING DESIGN CONSULTANTS		
CIVIL & STRUCTURAL ENGINEERS		
12-13 Thames Street		
Sunbury-on-Thames		
Middlesex TW16 5QP		
Tel: 01932 779787		
e-mail: mike@mpegram.co.uk		
Web: www.mpegram.co.uk		
DRAWN	SCALE	JOB NO
LK	1:20	@A1 1254
CHECKED	DATE	DRG NO
LW	JAN 18 24	505
REV		
CLIENT REF NUMBER		
1254-MPA-XX-XX-DR-C-2310_505		