

GENERAL NOTES:

1. This drawing to be read in conjunction with all relevant drawings and documentation.
2. All works to be carried out in accordance with the latest building regulations.
3. All proposed inspection/manhole chamber levels subject change in accordance with the architects external works levels.
4. All dimensions in millimetres.
5. DO NOT scale from this drawing.

BUILDING DRAINAGE NOTES:

1. Building drainage shall comply with BS 8301 1985 , BS EN 752 and the Building Regulations 2010 part H.
2. All connections to adoptable sewers shall be minimum 150mm diameter.
3. All building drainage shall be clayware to BS EN 295 or uPVC to BS 4660 with Class B or Class S bedding unless shown otherwise.
4. All pipes under buildings without suspended floors shall have Class S bedding.
5. Concrete protection shall be provided to all uPVC pipes with less than 600mm cover and to all clay pipes with less than 300mm cover.
6. Where a pipe comes through a wall an opening is to be formed through the wall to give at least 50mm clearance around the pipe. Brickwork over shall be supported by a lintel. The opening is to be masked each side of the opening with rigid sheet material. Pipes embedded in walls shall have a joint face within 150mm of each wall face. A rocker pipe of maximum 600mm length shall be used to continue the pipework.
7. Where a pipe trench is within 1m of a building it is to be filled with concrete up to a level below the building equal to the distance from the building less 150mm.
8. Where the formation of a pipe trench is above original ground level levels are to be made up with well compacted DTP Type 2 material or better.
9. The invert level of an access chamber on a foul drain from a building is to be set 600mm above finished ground level unless otherwise shown.
10. The invert level of a rading eye is to be set 450mm below finished ground level unless shown otherwise.

PRELIMINARY
DO NOT USE FOR CONSTRUCTION

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CONSULTING CIVIL AND
STRUCTURAL ENGINEERS

PROPOSED DEVELOPMENT AT
THE NEW WHARF
WAKEFIELD ROAD, HUDDERSFIELD

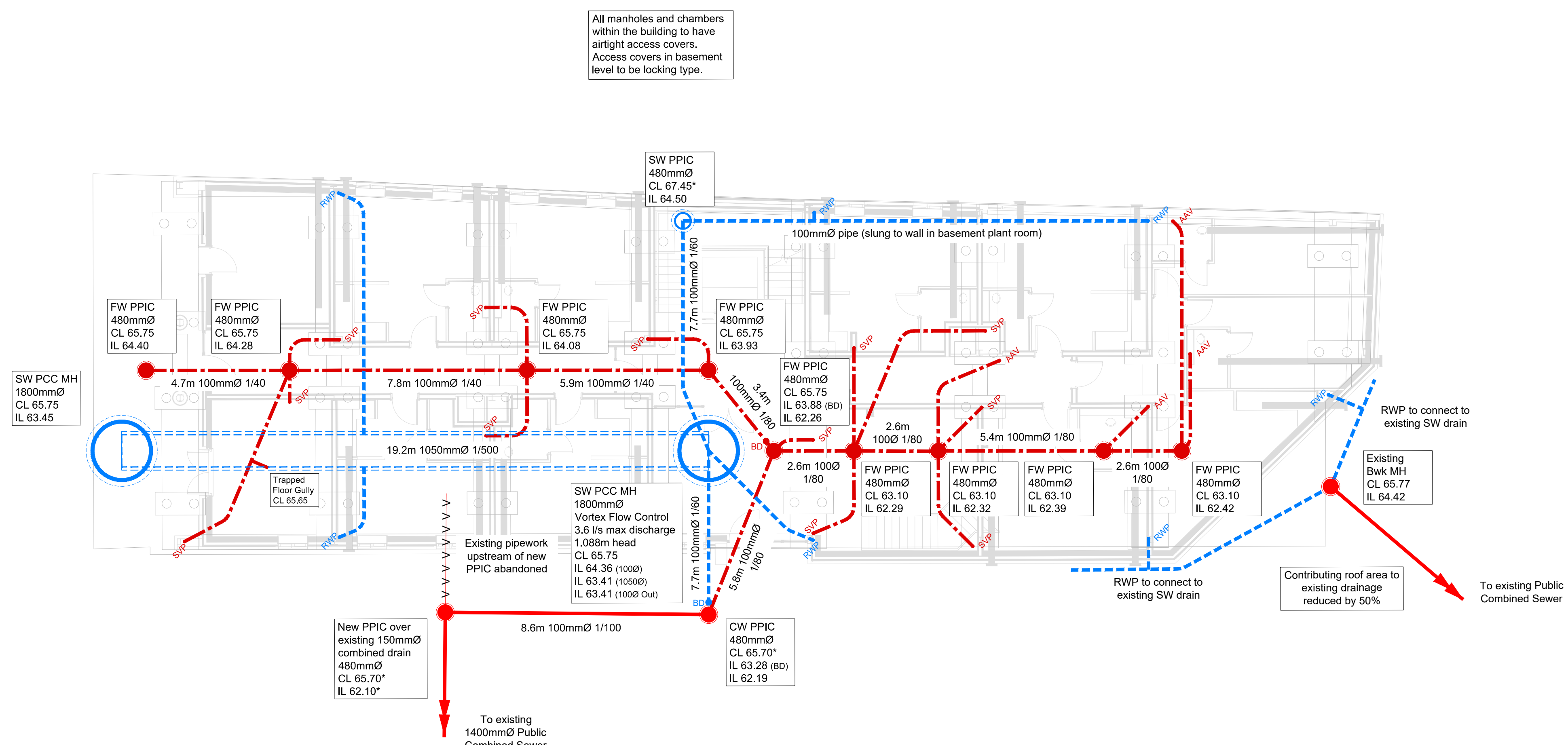
PROPOSED DRAINAGE LAYOUT

SCALES I:100 @A1 I:200 @A3	DATE MAY 2017 DRAWN BY SJK CHECKED BY PSS
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DRAWING No.	REVISION
17713/101	/



KEY TO SYMBOLS	
	Road Gully
	Surface Water Channel Drain
	Soil & Vent Pipe
	Rainwater Down Pipe
	Surface Water Sewer/Drain
	Surface Water Manhole/Chamber
	Foul Sewer/Drain
	Foul Manhole/Chamber
	Combined Sewer/Drain
	Combined Manhole/Chamber
	Backdrop to Manhole/Chamber
	Polypropylene Inspection Chamber
	Mini Access Chamber
	Pre-cast Concrete
	Manhole
	Cover Level
	Invert Level
	Assumed

CDM NOTES:

1. THE ATTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AS DESIGNED FOR THIS PROJECT.
2. WORKS IN THE VICINITY OF LIVE SERVICES INCLUDING WATER, ELECTRICITY AND BT MAY BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUG AND ENSURE THESE ARE PROTECTED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
4. THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.