

DO NOT SCALE FROM THIS DRAWING

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DRAINAGE NOTES

Invert of foul and surface water inspection chambers to be min 600mm below FFL

2. Covers HD in road, MD in paths and landscaped areas.
3. All branches from stacks 100mm Ø.

3. All branches from stacks 100mm Ø.
4. All inspection chambers 450mm Ø with 450mm covers.
5. Manholes generally to be 1200x750 or 1050 Ø with 600x600 or 600 Ø covers except manholes between 1.5 & 2.7m deep which are to be minimum 1200mm Ø.

6. Ground floor ensuite shower and bath connections made below floor into nearest run min. 2000mm downstream using 135 branch pipe. Trap to be demountable for rodding.
7. RWP to discharge into roddable access gullies compatible 8. Gullies in hardstanding to be Hepworth semi-universal-

square top (200m² capacity).

9. Ensure trap is fitted on laundry installation (separate connection).

10. Drain runs in the car park area to be surrounded in minimum 150mm pea gravel giving class s bedding factor 2.5.
11. All soil stacks to be vented - those marked SVP are taken through the roof and vented to air, all other to be fitted with Agrement Certified Air Admittance Valves.
12. Invert levels, pipe diameters, gradients, and connection points associated with petrol interceptors, storage and infiltration areas to be specified by Subcontractor.
13. Rocker pipes are to be fitted at each side of any pipes penetrating walls or relieving lintels are to be provided.

16. 100Ø drains assume 1:80 unless stated
17. Kitchen wastes connected to above floor grease trap and then into soil stack.
18. Where manhole/inspection chamber covers are located in

14. See project specification for further information.

15. 150Ø drains assume 1:150 unless stated

paved or block paved areas, then covers need to be recessed to accept paving type.

REV	DESCRIPTION	DATE	BY	T
A	Site Plan updated	25-08-2020	GB	1
				$^{+}$
В	Key updated	29-03-2021	GB	Ľ
С	Shower connections added	10-05-2021	GB	1
D	Updated to suit comments	03-11-2021	GB	
Е	Updated to suit comments	05-11-2021	GB	
F	Updated to suit comments	26-01-2022	GB	
G	Updated to suit comments	22-02-2022	GB	
Н	Updated to suit comments	19-05-2022	GB	
1	Updated to suit comments	30-06-2022	GB	
J	Updated to suit failed infiltration testing	20-07-2022	GB	
K	Updated to suit ACO attenuation crates	04-08-2022	GB	
				T



Ward Associates (Consulting Engineers) Ltd Ground Floor Cyclops House Link Business Park York United Kingdom YO10 3JB

www.wardac.co.uk

Barchester Healthcare

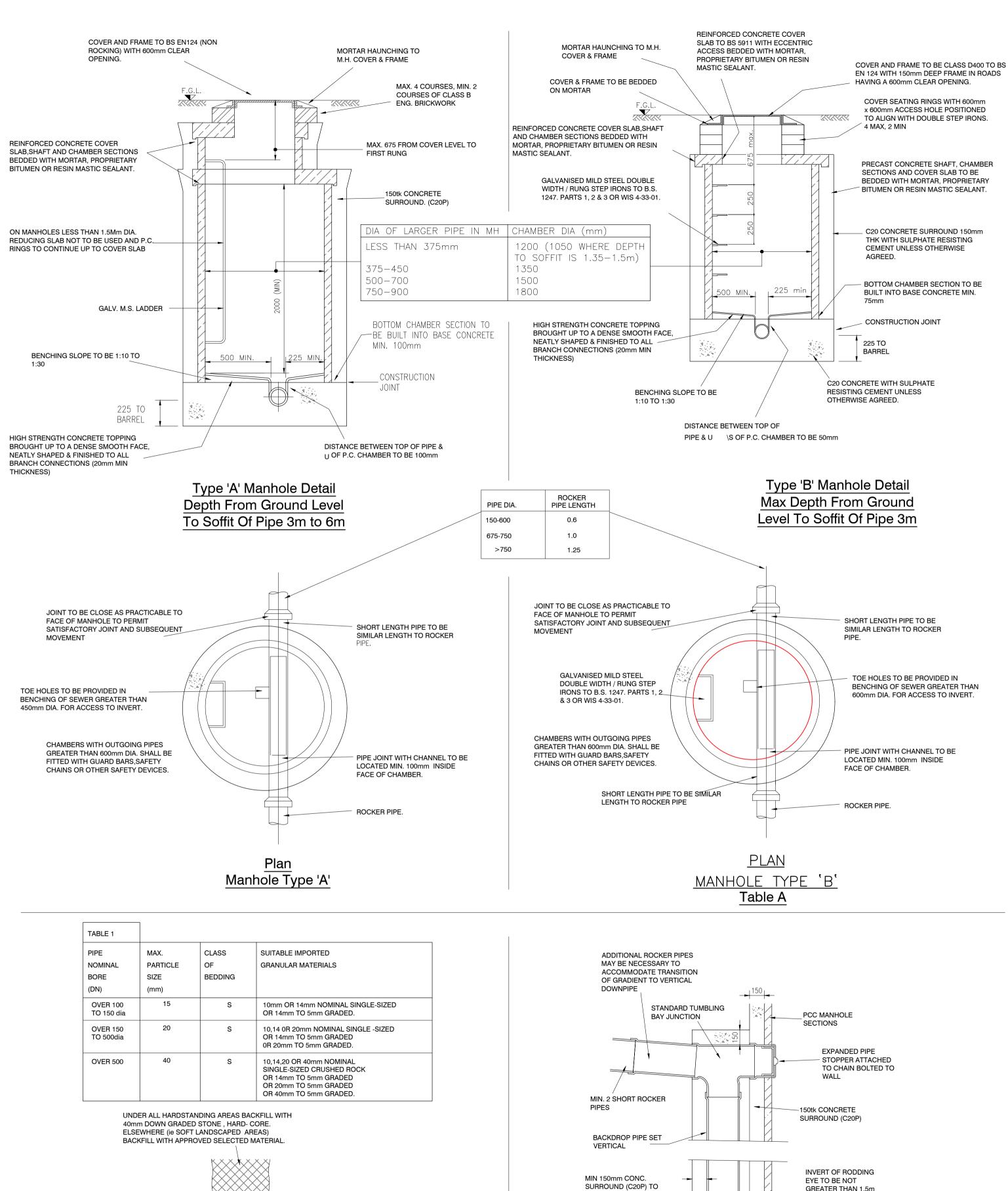
Proposed Extension at Arbour Lodge, Buxton Lane, Stockport, SK6 7QL

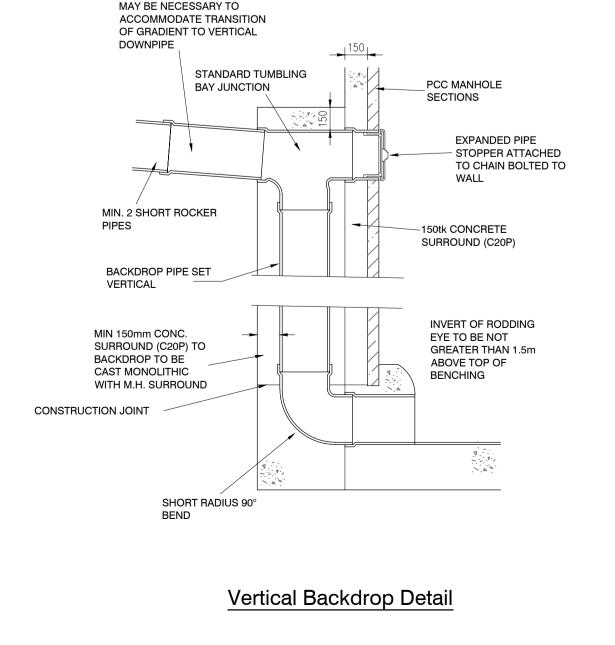
Drainage Layout

AWING STATUS

CO	NS'	TR	UC	TI	ON

SCALE	DATE		
1:200 @ A1	June 2020		
DRAWN BY	CHECKED BY GB		
GB			
JOB NO.	DWG NO.	REV	
2882	SL(5)500	K	





Class 'S' Pipe Bedding Detail

DIMENSION a :-

HARD SPOTS

ELSEWHERE

IN ROCK OR MATERIAL CONTAINING

SLEEVED JOINTED PIPES - 150mm MIN.

SLEEVED JOINTED PIPES - 100mm MIN

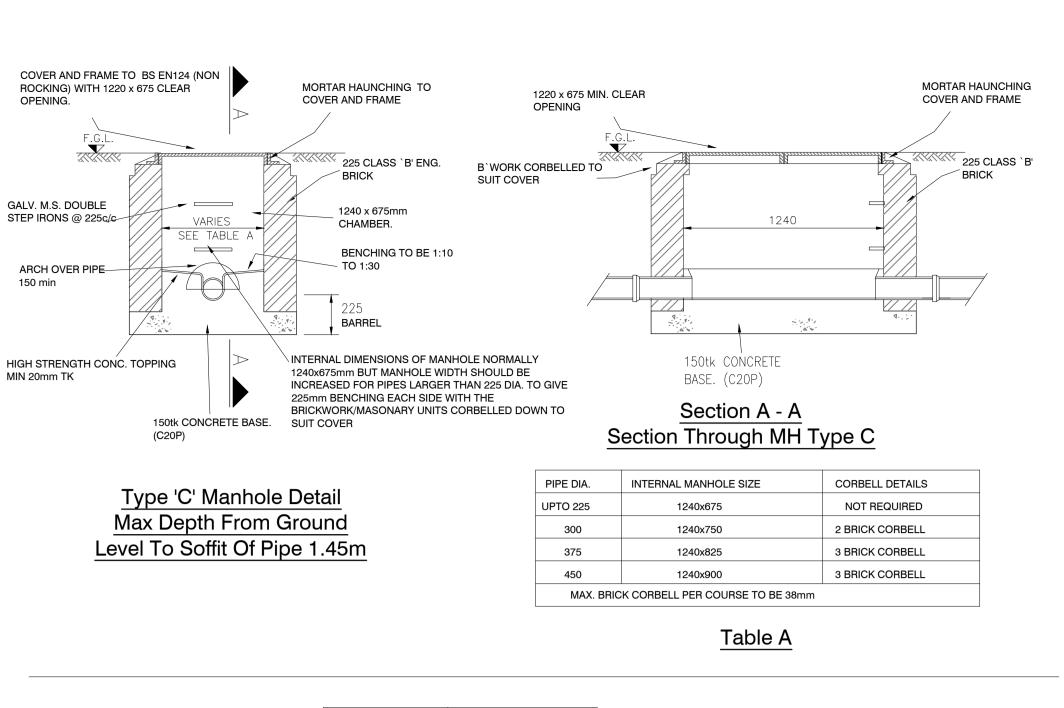
SOCKETED PIPES - 200mm MIN.

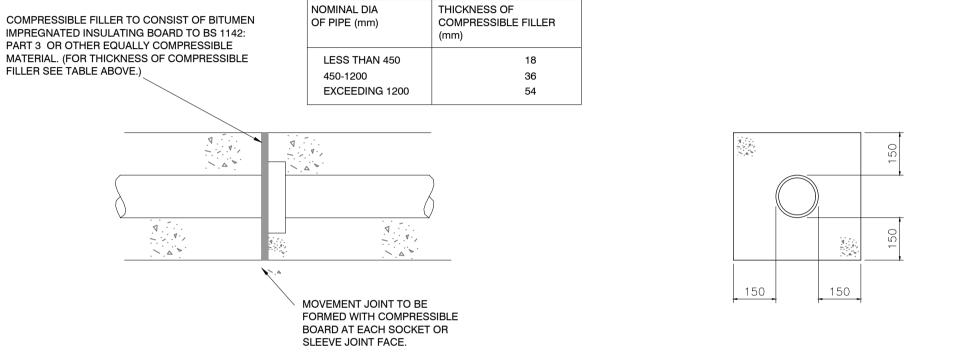
SOCKETED PIPES - 100mm MIN.

GRANULAR BED &

SURROUND (SEE

TABLE ABOVE.)





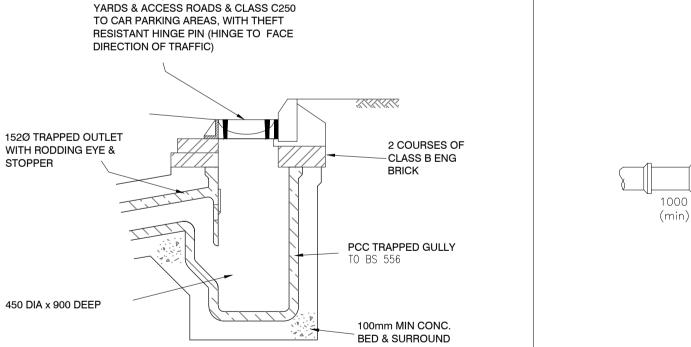
MOVEMENT JOINT TO CONCRETE PIPE SURROUND

DUCTILE IRON GULLY GRATINGS & FRAME TO BS EN124 , CLASS D400 TO SERVICE

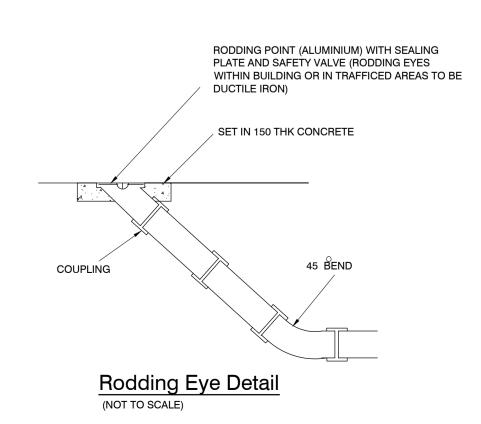
Table A

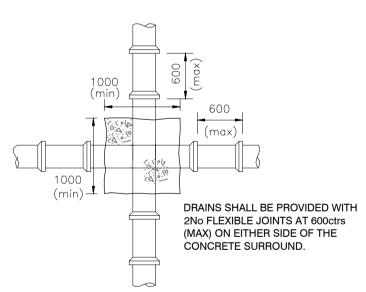
TYPICAL CONCRETE PIPE SURROUND DETAIL

Table A

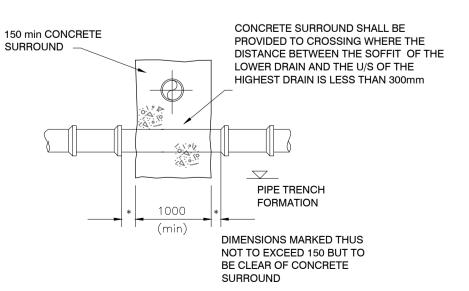


Typical Road Gully Detail





Plan On Pipe Crossover



Section

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DRAWING REVISIONS REV DESCRIPTION DATE BY CHK



Ward Associates (Consulting Engineers) Ltd Ground Floor Cyclops House Link Business Park **United Kingdom** 01904 544 401

www.wardac.co.uk

Barchester Healthcare

Proposed Extension at Arbour Lodge, Buxton Lane, Stockport, SK6 7QL

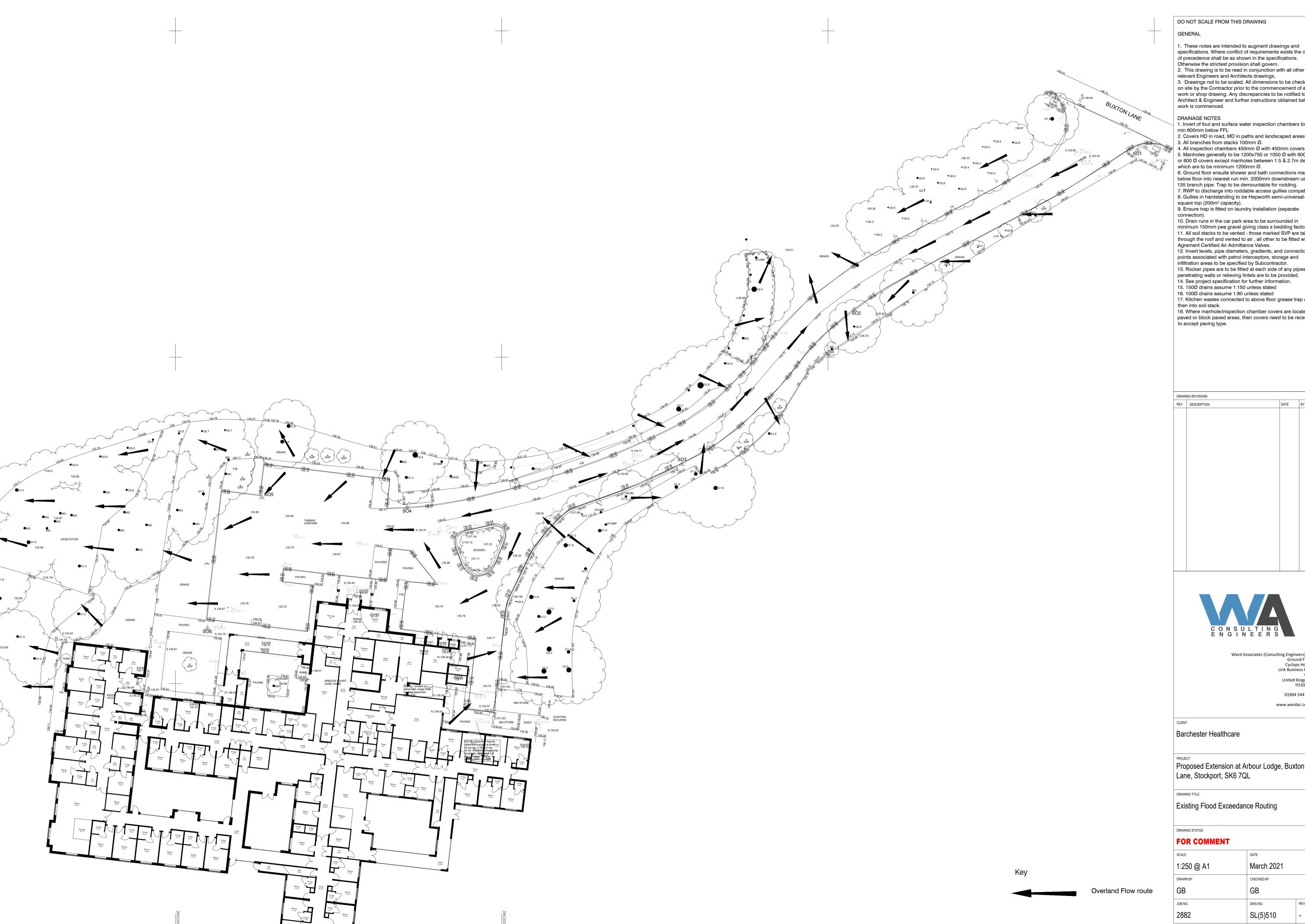
DRAWING TITLE Drainage Details

DRAWING STATUS

2882

FOR COMMENT 1:50 @ A1 June 2020 CHECKED BY DRAWN BY GB GB JOB NO. DWG NO.

SL(5)501



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REV DESCRIPTION



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Barchester Healthcare

Proposed Extension at Arbour Lodge, Buxton Lane, Stockport, SK6 7QL

Existing Flood Exceedance Routing

1:250 @ A1 March 2021

SL(5)510



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REV DESCRIPTION 20-07-2022 GB GB A Updated to suit failed infiltration testing 04-08-2022 GB GB B Updated to suit ACO attenuation crates



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Proposed Flood Exceedance Routing

FOR COMMENT

1:250 @ A1 March 2021 CHECKED BY JOB NO. 2882 SL(5)511