

DESIGNERS CDM NOTE - RESIDUAL RISKS **NOT IDENTIFIED**

The design Engineer(s) have assessed this design as the scheme has been developed in order to identify if there are any residual risk hazards (i.e. unusual, unexpected, abnormal or difficult).

No residual risks have been identified for this scheme and therefore no entries were added to the risk register.

This statement assumes that a competent Contractor with the appropriate qualified staff will be employed for the works, and that they will be familiar with site wide construction risks and hazards that they can reasonably be expected to encounter as part of their work.

Drainage Strategy

Foul Drainage

Part gravity/part pumped foul drainage system serving the development site. On-site pump to be put forward to adoption with Thames Water. Foul water from the development site to discharge into the existing public sewer located within Ashfields Lane.

Surface Water Drainage

Consists of interlinked permeable paving and swales to drain the hard standings elements of the development. Roof runoff to discharge both into high level cellular soakaways and into the sub base of the private permeable paved.

SURVEY INFORMATION
Total Surveys Limited - 01386 791042
DRG NUMBER: PHO/TS/32561 6/1
DATE RECEIVED: 28/08/2016

ARCHITECT SITE PLAN INFORMATION
West Waddy ADP - 01235 523139
DRG NUMBER: 561-PLD6
DATE RECEIVED: 10/08/2018

NOTES

- All dimensions and levels are in metres unless otherwise noted
- This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
- This drawings has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
- This drawing contains coloured lines / information that may not be clear if reproduced in black and white.
- Digital copies of this plan can only be considered accurate if supplied directly by Infrastruct CS Ltd.

Construction Note
It is essential that new drainage associated with the development is laid from the outfall(s) into the site. This is essential to avoid unforeseen obstructions where encountered (such as services). If the drainage is laid from the site out to the outfall it can result in significant abortive works to relay and overcome such obstructions.

Location of Public Sewers have been taken from record drawings which should be fully substantiated by the contractor prior to commencing works on site

All manholes covers located within carriageways shall have no slip covers to prevent motorcycles/cycles losing control

Drainage Key	
Sewers	
	Surface water drain (private/non adoptable)
	Potential linked overflow
	Foul water sewer (Adoptable)
	Surface water sewer (Adoptable)
	Foul rising main
Chamber Key	
FW	SW
	PPIC - 475mmØ *
	Manhole
	Depth 1.25 to 1.5m *
	Depth 1.55 to 3.0m *
* General note (Refer to standard details & long sections for chamber sizes. Size may need to increase dependant on number of incoming pipes/size of incoming pipes)	
	Rain water down pipe (roadside access)
	Cellular storage (refer to drawing for sizes)
	RWP cellular discharge/collection unit
	Overflow collection unit
	Headwall
	Finished Floor Level (FFL)
	Private Permeable Block paving (TBC)
	Adoptable Permeable Block paving (TBC)
	Swale/infiltration basin
	Footway / Vehicle Crossover
	Carriageway

CONCEPT DRAWING ONLY BASED ON INDICATIVE SITE LAYOUT TO DEMONSTRATE DRAINAGE PRINCIPLES. NOT REPRESENTATIVE OF FINAL DRAINAGE ARRANGEMENT WHICH WILL BE DEVELOPED IN CLOSE CONSULTATION WITH VOWH AND LLFA DRAINAGE ENGINEERS.

P04	NJ	TST	Soakaway section amended and notes regarding future storage provision to open space and clearance of ditch added	18/08/18
P03	NJ	TST	Design progressed in accordance with revised site layout	15/08/18
P02	ATD	TST	Site Layout Updated	20/11/17
P01	ATD	TST	Initial issue	24/11/16
Rev	Drawn by	Chk'd by	Comments	Date

DRAWING TITLE
Indicative Drainage Strategy

PROJECT
Land at A338 & Ashfield Lane
East Hanney
Oxon

DESIGNED BY TST	DRAFTED BY ATD	APPROVED BY DJ
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DATE
24/11/2016

STATUS
PLANNING

SCALE
1:500 @ A1

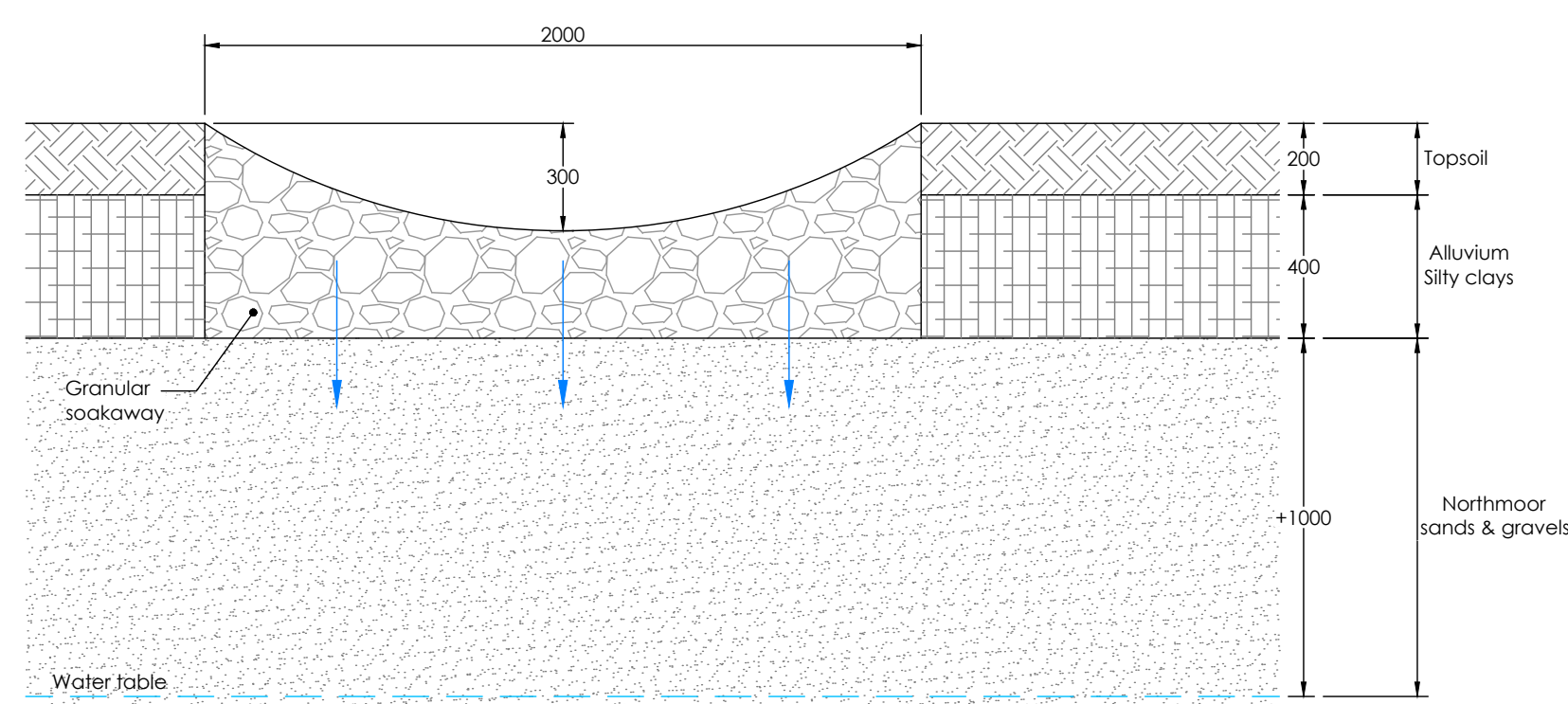
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Scale bar @ 1:500

CLIENT

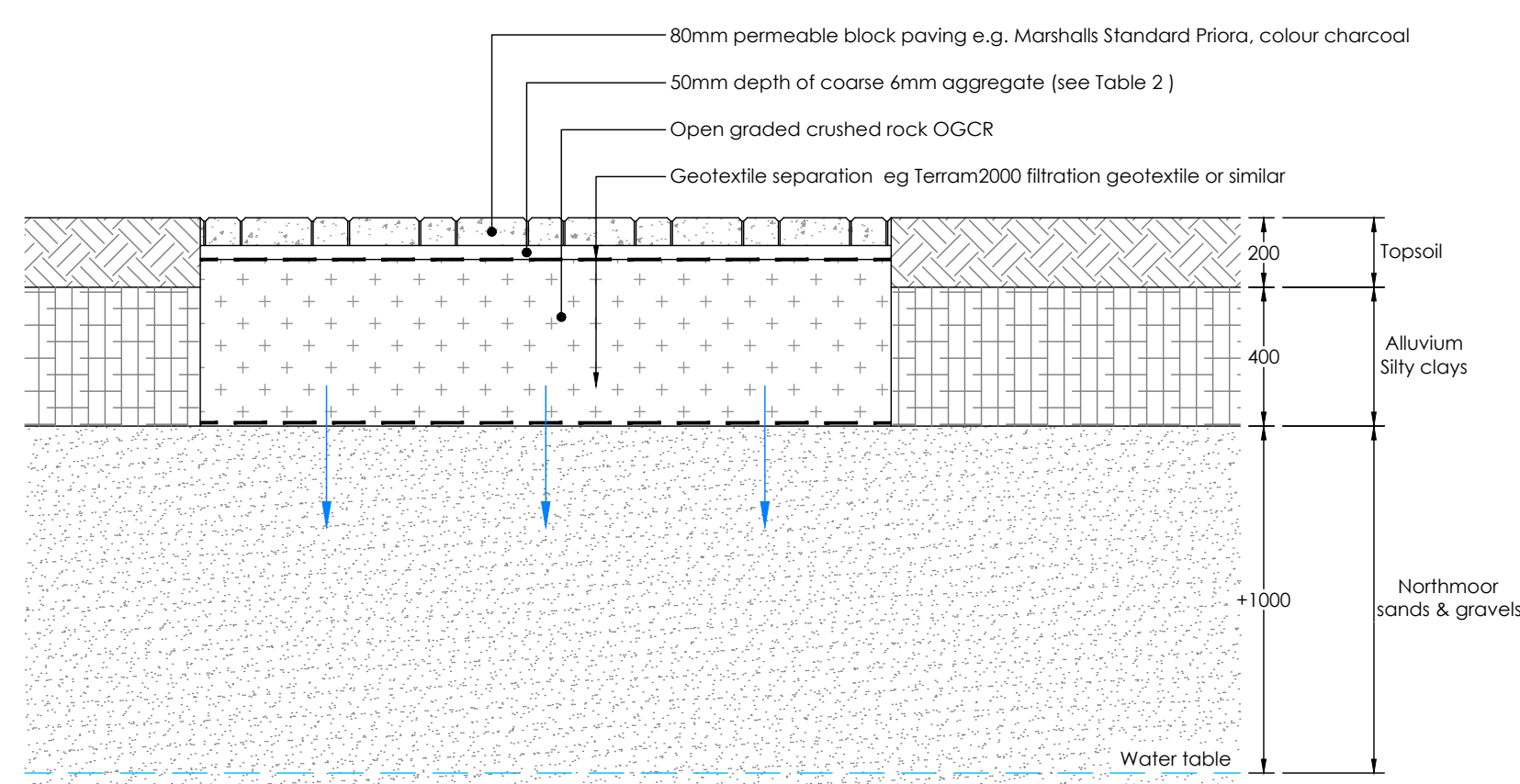
JOB NUMBER
ICS-2291

DRAWING NUMBER
01

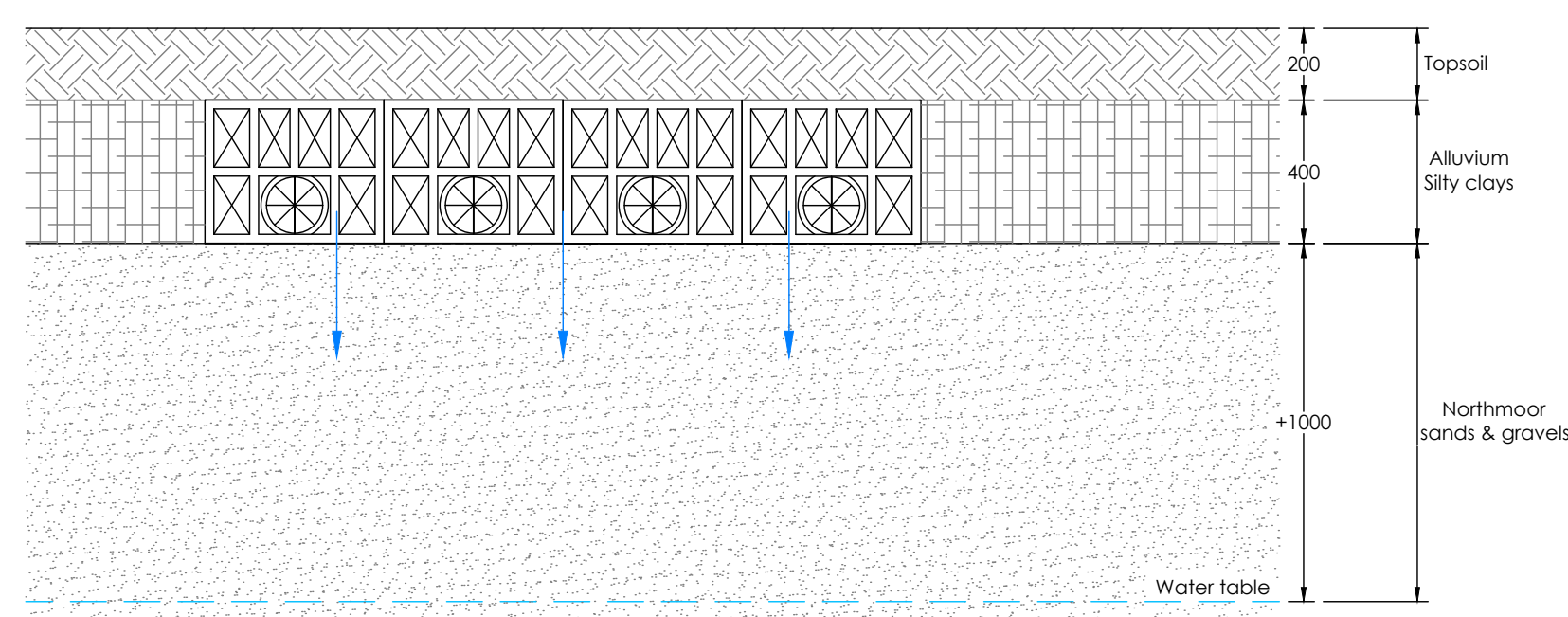
REVISION
P04



SECTION A-A - TYPICAL SWALE



SECTION B-B - TYPICAL PERMEABLE PAVING



SECTION C-C - TYPICAL CELLULAR SOAKAWAY