

DESIGN SUBJECT TO THE APPROVAL OF:
PLANNING AUTHORITY
BUILDING CONTROL

DESIGN SUBJECT TO THE CONFIRMATION OF:
EXTERNAL LEVELS DESIGN
ORDINARY WATERCOURSE APPROVAL

DRAINAGE LEGEND (1:200)
PROPOSED FEATURES



Tanked Porous Arena Surface

Storm water sewer/drain

Fin Drain



Storm water inspection chamber (4500)



SEL Orifice Flow Control Chamber (5000)



Surface Water Headwall

1000 4.5m 1:100
2 BED

PIPE INFO - DIAMETER, LENGTH,
GRADIENT, BEDDING TYPE

ABBREVIATIONS

CP - CATCHPIT
MH - MANHOLE
IC - INSPECTION CHAMBER
AC - ACCESS CHAMBER
RE - RODDING EYE
IL - INVERT LEVEL
SL - SUMP LEVEL
CL - COVER LEVEL



Backdrop



High level IL



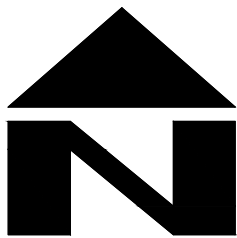
Low level IL

Surface level

Fall in surface and gradient

STANDARD DRAINAGE NOTES

- DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
- COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
- ALL UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA
- ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
- IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.



PRELIMINARY
NOT FOR CONSTRUCTION

P-	03.02.20	PRELIMINARY ISSUE	LH	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP



CLIENT
MRS NICKY BATES

ARCHITECT
RPS DESIGN GROUP

JOB TITLE
HIGHGROUND BARN
BARNHAM

DRAWING TITLE
SURFACE WATER DRAINAGE LAYOUT
SHEET 2 OF 2

DRAWN LH	ENGINEER CS	CHECKED CS	APPROVED CS
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DATE JAN 2020	SCALE @ A1 1:200
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JOB No. C1317	STATUS P	DRAWING No. 101	REV. P-
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PRELIMINARY