

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



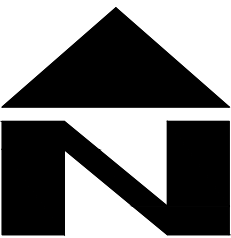
Low level IL

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 | ENGINEER | CHECKED | APPROVED |
| LH    | CS       | CS      | CS       |

|          |            |
|----------|------------|
| DATE     | SCALE @ A1 |
| JAN 2020 | 1:200      |

|         |        |             |      |
|---------|--------|-------------|------|
| JOB No. | STATUS | DRAWING No. | REV. |
| C1317   | P      | 101         | P-   |

PRELIMINARY