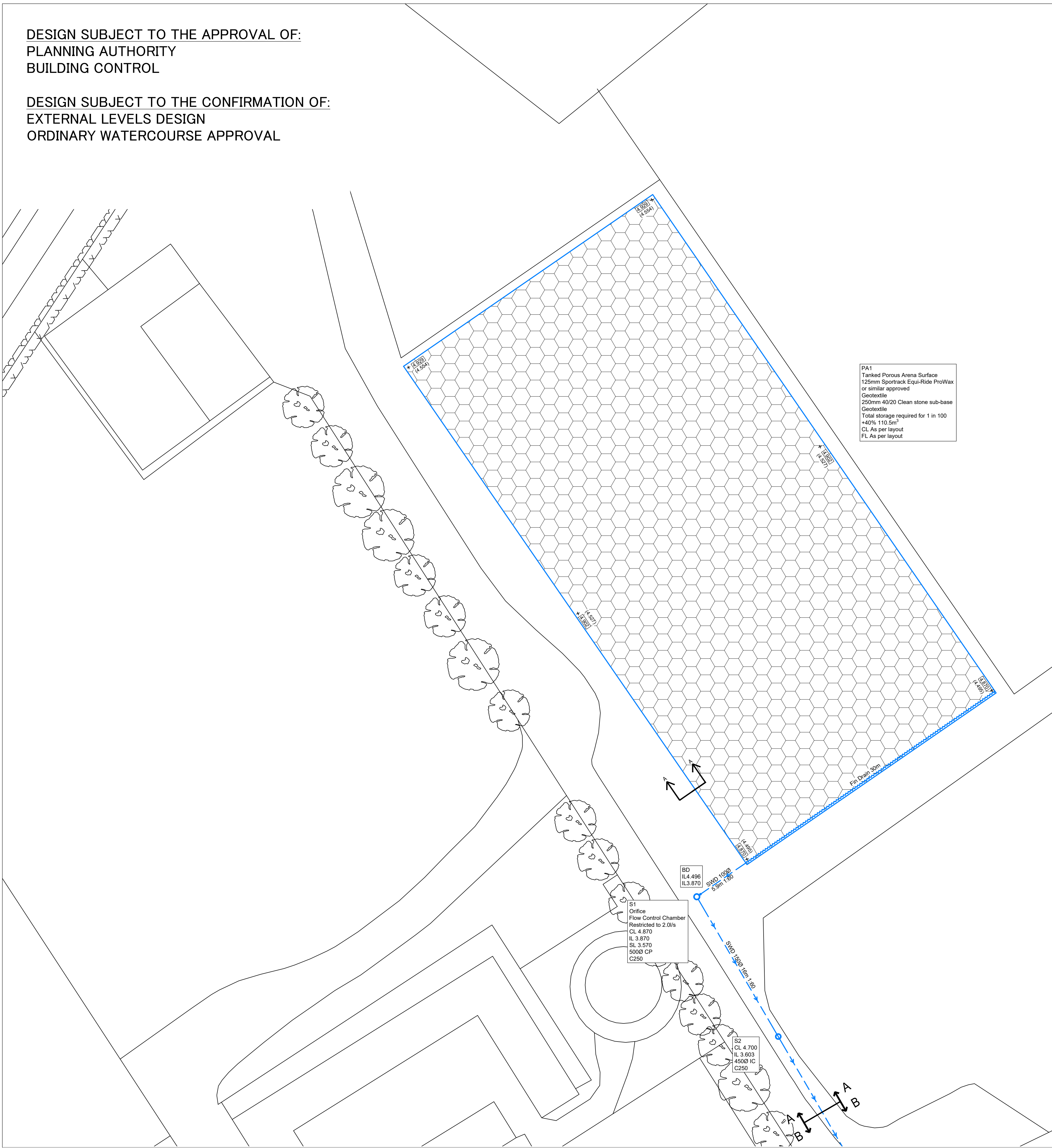


DESIGN SUBJECT TO THE APPROVAL OF:
PLANNING AUTHORITY
BUILDING CONTROL

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



PA1
Tanked Porous Arena Surface
125mm Sportrack Equi-Ride ProWax
or similar approved
Geotextile
250mm 40/20 Clean stone sub-base
Geotextile
Total storage required for 1 in 100
+40% 110.5m³
CL As per layout
FL As per layout

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



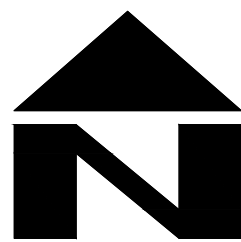
Surface level



Formation level

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

P1	14.04.20	UPDATED TO SUIT LPA COMMENTS	LH	CS	CS
P-	03.02.20	PRELIMINARY ISSUE	LH	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP

 Consulting Civil Engineers					
CLIENT MRS NICKY BATES					
ARCHITECT RPS DESIGN GROUP					
JOB TITLE HIGHGROUND BARN BARNHAM					
DRAWING TITLE SURFACE WATER DRAINAGE LAYOUT SHEET 1 OF 2					
DRAWN LH	ENGINEER CS	CHECKED CS	APPROVED CS		
DATE JAN 2020		SCALE @ A1 1:200			
JOB No. C1317	STATUS P	DRAWING No. 100		REV P1	

PRELIMINARY