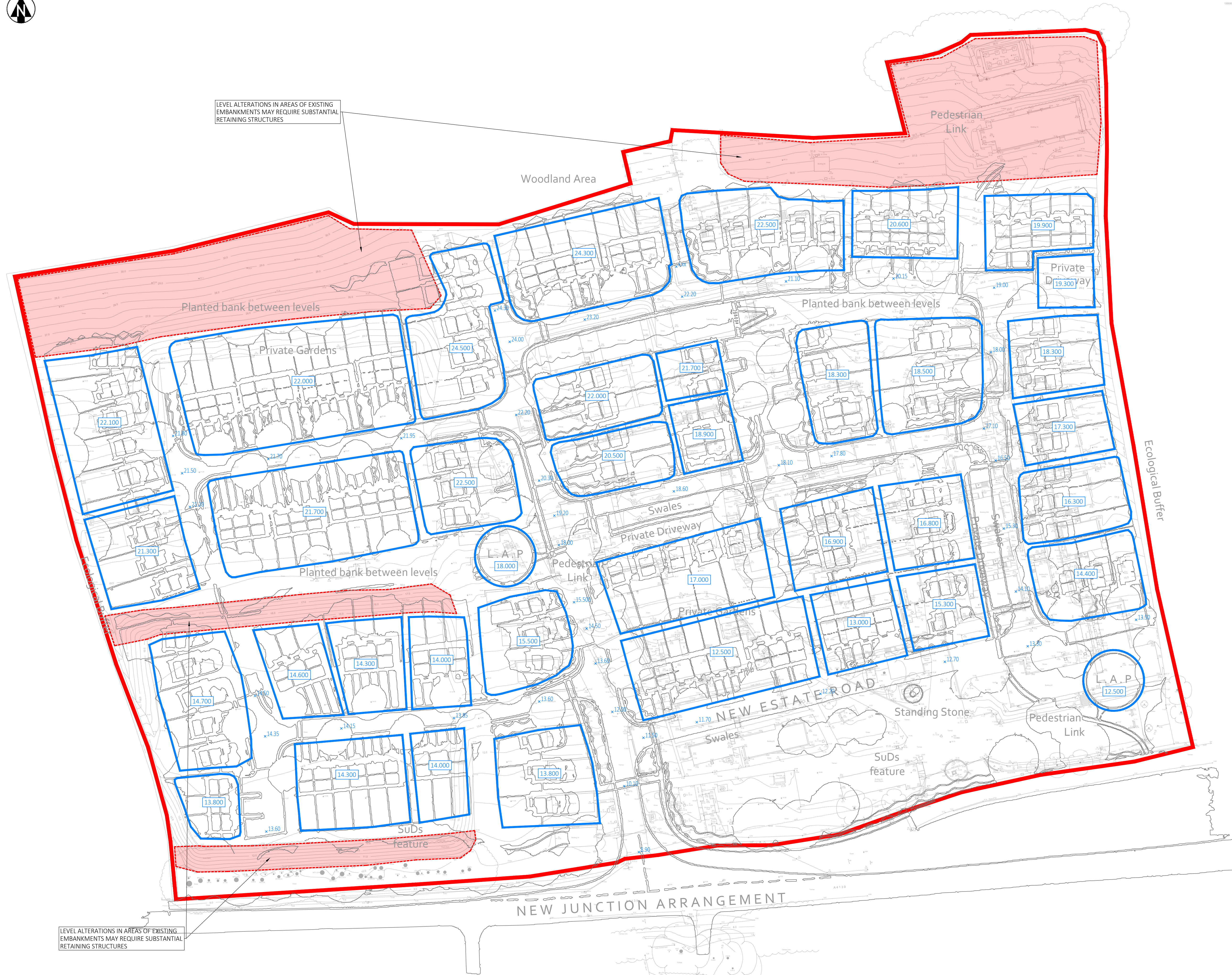


Appendix C

35098-HYD-XX-XX-DR-C-1100 - Outline Level Strategy

Filename: Y:\35000-35999\35098 - Penally Training Camp\01 - WIP\DR Drawing\A35098-HYD-XX-XX-DR-C-1100_P02_Outline Level Strategy Plan.dwg



DO NOT SCALE

KEY

- INDICATIVE SITE BOUNDARY
- ASSUMED EXCLUSION ZONE
- INDICATIVE FINISHED GROUND LEVEL
- INDICATIVE PLATEAU LEVEL
- INDICATIVE SPOT LEVEL

NOTES:

- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND WITH THE HEALTH AND SAFETY INFORMATION PROVIDED AND/OR WITHIN THE PRE-CONSTRUCTION INFORMATION.
- USE OF THIS DRAWING DOES NOT ABSOLVE THE CLIENT FROM HIS RESPONSIBILITIES UNDER THE HEALTH AND SAFETY: THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015. THE PRINCIPAL DESIGNER IS REQUIRED TO CONTACT HYDROCK CONSULTANTS PRIOR TO PERMITTING THIS DRAWING TO BE USED IN CONNECTION WITH ANY CONSTRUCTION WORKS.
- BEFORE COMMENCEMENT OF ANY WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION.
- THE CONTRACTOR SHOULD COMPLY WITH HS(G) 47 "AVOIDING DANGER FROM UNDERGROUND SERVICES" WHEN PLANNING, LOCATING AND EXCAVATING AROUND EXISTING SERVICES. IT IS KNOWN THAT EXISTING UTILITY COMPANY UNDERGROUND SERVICES AND APPARATUS ARE PRESENT WITHIN THE PROPOSED WORKS AREA AND IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE EXISTING SERVICES ON SITE ACCURATELY.
- INFORMATION REGARDING THE LOCATION AND DEPTH OF EXISTING SERVICES CANNOT BE GUARANTEED BY THE STATUTORY UNDERTAKER.
- THE CONTRACTOR SHALL CONDUCT THE WORKS WITH DUE REGARD FOR THE ECOLOGICAL AND ENVIRONMENTAL REQUIREMENTS OF THE SCHEME.
- THE DRAWING SHALL BE USED FOR THE INTENDED PURPOSE ONLY AND THIS DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY OTHER PARTIES AND HYDROCK DO NOT WARRANT THE ACCURACY OF THIS INFORMATION. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS. DIMENSIONS MARKED 'DIMENSIONS TO BE SITE CHECKED' ARE SUBJECT TO CONFIRMATION BY THE CONTRACTOR BEFORE THE WORKS COMMENCE.
- HYDROCK IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE.
- HYDROCK IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINE ETC.
- HYDROCK IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL FIGURED LEVELS ARE IN METRES AND RELATED TO EXISTING SURVEY GRID & DATUM UNLESS NOTED OTHERWISE.
- ALL FIGURED DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- TEMPORARY WORKS DESIGN ASSOCIATED WITH THE CONSTRUCTION OF THE WORKS SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN FREE AND OPEN ACCESS TO PUBLIC HIGHWAY AND ADJACENT LANDS AT ALL TIMES DURING THE COURSE OF THE WORKS UNLESS OTHERWISE AGREED IN WRITING WITH THE INTERESTED PARTIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL TRAFFIC MANAGEMENT PROPOSALS & PHASING. SUCH DETAILS SHALL BE SUBMITTED TO THE LOCAL HIGHWAY AUTHORITY FOR APPROVAL PRIOR TO THE START OF THE WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSOCIATED COSTS AND ORDERS. CONFLICTING INFORMATION SHOWN ON THE ENGINEER'S DRAWINGS OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER AND THAT PROVIDED BY OTHERS MUST BE REFERRED TO THE ENGINEER BEFORE THE WORKS COMMENCE.

REVISIONS

P02	Revised to suit site layout	11/11/24	FA	KG	KG
P01	First Issue	22/08/24	FA	KG	KG
Rev.	Revision Notes	Date	Drawn By	Checked	Approved



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CLIENT

AVISON YOUNG

PROJECT

PENALLY TRAINING CAMP

TITLE

OUTLINE LEVEL STRATEGY PLAN

HYDROCK PROJECT NO.

C-35098

SCALE @ A1

1:500

STATUS DESCRIPTION

SUITABLE FOR INFORMATION

STATUS

S2

DRAWING NO.

35098-HYD-XX-XX-DR-C-1100

REVISION

P02

Appendix D

Quick Storm Estimate Calculations

Impermeable area used in calculation based on 60% of the total site area (typical density of residential developments).

Targeted discharge rate based on 50% betterment/ reduction to existing brownfield runoff rate currently entering surface water network (refer to brownfield runoff calculations)

Quick Storage Estimate	
Input	
Input Type	Use Plan Data
Area (ha)	3.494
Discharge Rate (L/s)	45.0
Infiltration Rate (m/hr)	0.0
Safety Factor	2.0
	Quick
Calculate	

Estimated storage volume required indicated below. Currently noted in initial high-level review as 2,600m³.

Based on 1m deep ponds, areas totalling 2,600m² are to be made available for attenuation basins at the lower southern level of the site as indicated on Surface Water Drainage Constraints Plan.

Quick Storage Estimate	
Results	
Quick Storage Estimate variables require approximate storage of between 1659m ³ - 2573m ³ .	
These values are estimates only and should not be used for final design purposes.	

Appendix E

Brownfield Runoff Calculations