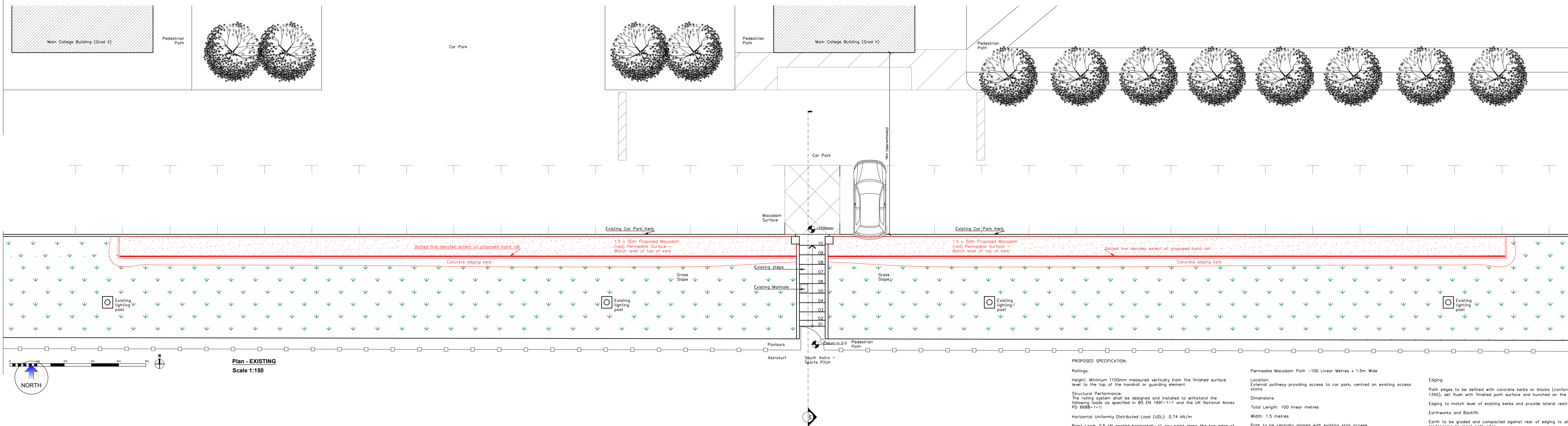


PROPOSED SPECIFICATION:

Railings:
Height: Minimum 1100mm measured vertically from the finished surface level to the top of the handrail or guarding element.
Structural Performance: The railing system shall be designed and installed to withstand the following loads as specified in BS EN 1991-1-1 and the UK National Annex PD 6688-1-1.
Horizontal Uniformly Distributed Load (UDL): 0.74 kN/m
Point Load: 0.5 kN applied horizontally at any point along the top edge of the barrier.
Materials and Finish:
All components to be suitable for external use and resistant to corrosion (e.g. galvanneal steel or aluminium with powder-coated finish).
Final finish to be black (RAL 9005 or approved equivalent), applied via a durable, weather-resistant powder coating system.
Fixings and Installation:
All fixings shall be non-corrosive and appropriate for external environments.
Railing system to be securely fixed to withstand specified loads without deflection or failure.
Installation to be in accordance with manufacturer's guidance and relevant construction standards.
Compliance:
The system must comply with:
Building Regulations Part K (Protection from Falling)
BS EN 1991-1-1:2002 (Actions on structures - General actions - Densities, self-weight, imposed loads for buildings)
PD 6688-1-1 (UK National Annex to BS EN 1991-1-1)

Permeable Macadam Path - 100 Linear Metres x 1.5m Wide
Location:
External pathway providing access to car park, centred on existing access stairs.
Dimensions:
Total Length: 100 linear metres
Width: 1.5 metres
Path to be centrally aligned with existing stair access.
Construction Details:
Subgrade Preparation:
Excavate to required formation level ensuring a minimum fall for drainage if applicable.
Remove all loose material and vegetation.
Compact subgrade to suitable bearing capacity.
Sub-base:
Lay 150mm minimum thickness of well-compacted open-graded Type 3 aggregate (in compliance with SHW Clause 805) to provide a stable, free-draining base.
Ensure even compaction using appropriate plant.
Permeable Macadam Surface:
Install permeable red-coloured bituminous macadam surface course to achieve flush finish with adjacent kerb.
Minimum thickness: 40mm.
Material to be a red-pigmented, open-textured porous asphalt suitable for pedestrian use, compliant with BS EN 13108.
Colour to be integral to the mix and UV-stable to minimise fading.
Ensure surface is even, durable and allows infiltration of surface water.

Edging:
Path edges to be defined with concrete kerbs or blocks (conforming to BS EN 1340), set flush with finished path surface and hunched on the outer face only.
Edging to match level of existing kerbs and provide lateral restraint.
Earthworks and Backfill:
Earth to be graded and compacted against rear of edging to allow grass or soft landscaping to meet path edge.
Ensure backfill is stable and does not impede surface water infiltration.
Finish Level:
Finished surface level to match existing adjacent kerb for seamless, step-free transition.
Drainage:
Permeable construction to allow surface water infiltration, providing a Sustainable Drainage System (SuDS)-compliant solution.
No additional surface drainage required unless otherwise specified by the project engineer.
Compliance:
All works to comply with relevant standards and guidance:
BS EN 13108 (Bituminous mixtures)
BS 7533 (Paving systems)
Manual for Streets
Local authority SuDS and highways guidance, as applicable.

REV #	DATE	NAME	NOTES

Notes:
Do not scale this drawing.
All levels and dimensions are to be checked on site.
This drawing is to be read in conjunction with all relevant consultants drawings and specifications, together with safety plan requirements.
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PROJECT			
Hockey Viewing, Hurstpierpoint College			
DRAWING			
Elevation, Plan and Section - Proposed			
STAGE			
Planning		JOB NO. : 723	DATE : 01/04/2025
DWG NO. : AL-300		SCALE : 1:150 @A1	REVISION : -
		DRAWN : DDB	

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