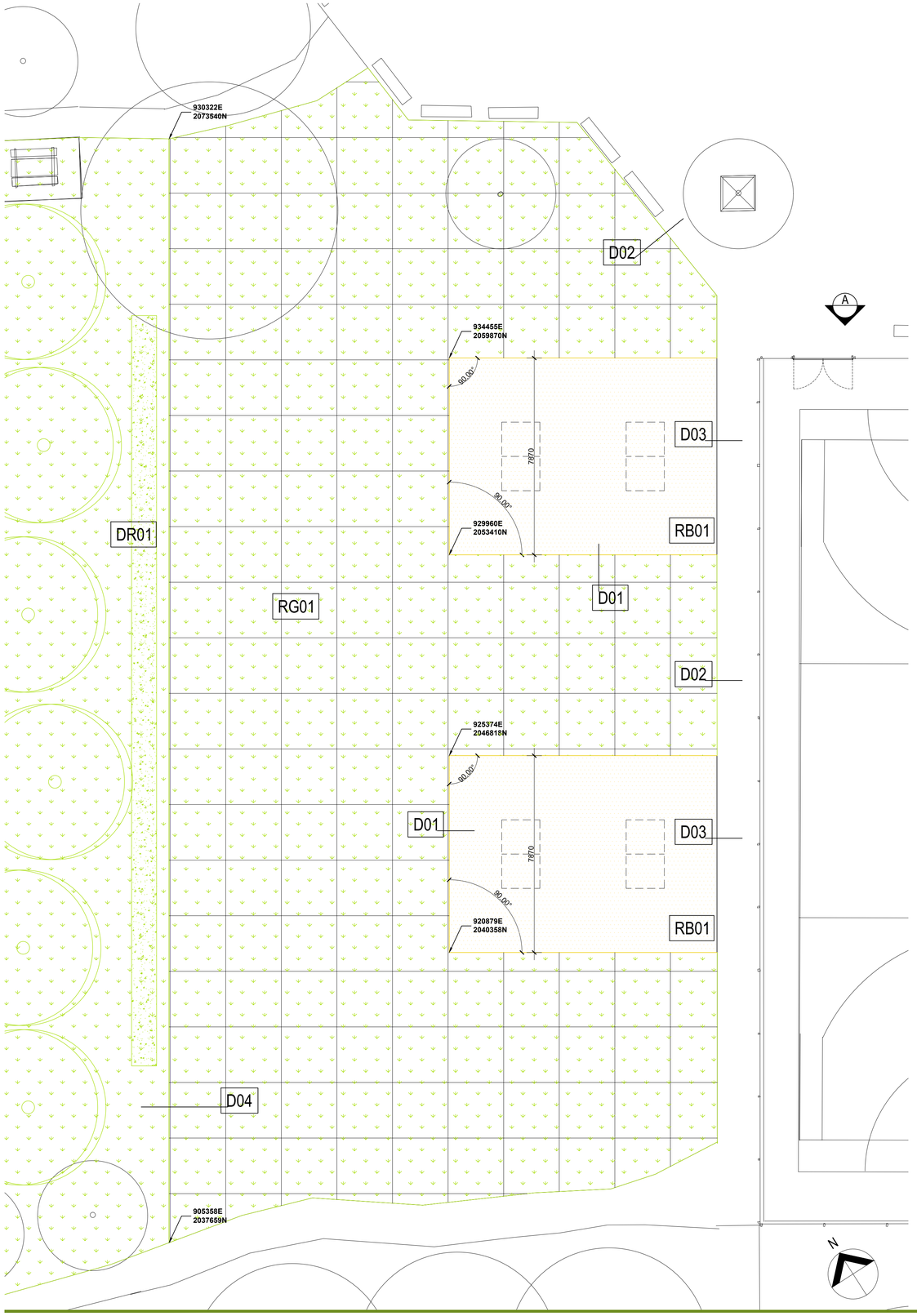


RG01 EcoGrid E50 reinforced grass (or equal and approved)

EcoGrid Grass Fill: Hard-wearing grass seed including establishment and initial maintenance.

EcoGrid E50 cellular reinforcement grid, installed in accordance with manufacturer's instructions.

Grid cells filled with 70:30 blend by volume of organic topsoil and washed sharp sand.
Finish the fill approximately 5-7 mm below the top of the grid.

60 mm structural rootzone comprising a 50:50 blend by volume of graded topsoil and clean 10–20 mm angular stone, fully consolidated and accurately screeded.

150 mm minimum compacted SHW Type 3 reduced-fines granular sub-base/drainage layer.

EcoGrid Geotextile: Must be thermally bonded factor (EN ISO 11058) and min 1500 puncture resistance (EN ISO 12236)

Sub-Base: Excavated 1-1.5% fall to gravel trench.

Design based on a minimum formation CBR of 5%. Proof-roll exposed formation and remove and replace soft, yielding or unsuitable areas. Where the formation is suspected to achieve less than 5% CBR, undertake testing and refer to the Designer before proceeding.

RB01 Permeable resin-bound paving

BBA-certified, UV-stable polyurethane resin-bound aggregate system. Basis of design: Addagrip Addaset, or equal and approved.

6mm nominal aggregate formulation, hand-trowelled to a smooth, even finish at 18 mm minimum compacted depth.

Washed, kiln-dried natural aggregate supplied in pre-weighed batches and mixed with the complete quantity of proprietary resin.

Approximately 0.5 mm glass grit or white aluminium oxide lightly broadcast onto the uncured surface to provide external pedestrian slip resistance.

70 mm AC14 or AC10 open-surface asphalt concrete binder course to BS EN 13108-1.

150 mm minimum well-compacted, non-frost-susceptible SHW Type 3 reduced-fines granular sub-base. Increase up to 225 mm where required by formation conditions

Permeable nonwoven separation geotextile over the subgrade to prevent upward migration of fines.

All construction layers laid to a minimum fall of 1.5% (1:66).

Design based on a formation CBR exceeding 5%. Proof-roll exposed formation and remove and replace soft, yielding or unsuitable areas. Where the formation is suspected to achieve 5% CBR or less, undertake testing and refer to the Designer before proceeding; provide additional capping or increased sub-base depth as required

D01 EcoGrid to resin-bound paving interface (typical)

50 × 150 mm precast concrete flat-top pin kerb/path edging to BS EN 1340, laid flush with adjoining EcoGrid and resin-bound finishes. Set accurately to line and level on minimum 100 mm C20/25 concrete bed with concrete haunching to both sides, founded on fully compacted Type 3 granular sub-base. Keep haunching below the adjoining surfacing and bedding layers.

Finish the 18 mm resin-bound aggregate surface and open-graded asphalt binder course neatly against the clean pin-kerb face. Apply proprietary primer where required by the resin-system manufacturer. Do not feather resin-bound surfacing at the edge.

Terminate EcoGrid E50 a minimum of 50 mm from the rigid pin kerb to accommodate thermal expansion, in accordance with the EcoGrid manufacturer's instructions. Fill the expansion margin with the specified structural rootzone and seed to match the grid infill; do not fill with concrete, mortar or resin. Secure the first complete row of EcoGrid using proprietary ground anchors where recommended by the manufacturer.

Pin-kerb and adjoining surfaces to be flush, with a maximum local level difference of 3 mm. Arrange falls to avoid ponding along the interface. Provide neat butt joints between edging units and avoid short cut lengths at corners or three-way junctions.

D02 EcoGrid to existing tarmac interface (typical)

Retain existing concrete pin kerb as edge restraint to existing asphalt/macadam. Protect during the works and re-bed or re-haunch where disturbed.

Terminate EcoGrid E50 a minimum of 50 mm from the existing rigid kerb to provide the manufacturer's thermal-expansion allowance. Fill the expansion margin with the specified structural rootzone and seed to match the EcoGrid infill; do not fill with concrete, mortar or resin. Secure the first complete row of EcoGrid with proprietary ground anchors where recommended by the manufacturer.

Set the EcoGrid surface and cell infill flush with the top of the existing pin kerb, with a maximum local level difference of 3 mm. Arrange falls to prevent ponding along the interface.

D03 Resin-bound paving to existing tarmac interface (typical)

Retain existing concrete pin kerb as the common separator and edge restraint between existing asphalt/macadam and new permeable resin-bound paving. Check stability and re-bed or re-haunch where required.

Clean and prepare the exposed kerb face. Finish the 18 mm resin-bound aggregate surface and open-graded asphalt binder course directly against the kerb, applying proprietary primer to the kerb face where required by the resin-system manufacturer. Fully compact the asphalt binder course against the edging and leave no unsupported voids. Do not feather the resin-bound surface at the perimeter.

Finish resin-bound paving flush with the top of the existing pin kerb and adjoining asphalt, with a maximum local level difference of 3 mm.

D04 EcoGrid to existing grass interface (typical)

Terminate reinforced-grass construction against proprietary 150 mm-deep recycled-plastic edge restraint, installed with proprietary joints, stakes and earth anchors in accordance with the manufacturer's instructions. Basis of design: EcoGrid AluFlex 150 or EcoGrid recycled-plastic edging, or equal approved.

Set top of edging flush with the finished grass surfaces. Contain the Type 3 sub-base and structural rootzone at the perimeter and turn the separation geotextile up against the edging, terminating below finished level. Secure the perimeter row of EcoGrid with proprietary ground anchors at the manufacturer's recommended frequency.

Carefully cut and reinstate existing turf/topsoil against the edging, finishing flush with the EcoGrid surface without exposed edges, depressions or trip hazards.

DR01 Covered grassed drainage trench

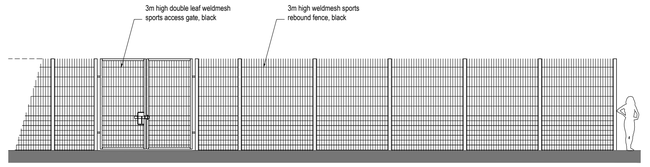
Trench nominally 1,000 mm wide × 1,000 mm deep × 20 m long, extending to the natural granular stratum, subject to confirmation by the drainage engineer. Carefully strip existing turf and topsoil and keep separate from other excavated materials.

Line trench sides with a suitable permeable nonwoven filter geotextile selected to prevent migration of surrounding soil while permitting free water flow. Treatment of trench base to be confirmed by the drainage engineer to maintain infiltration into the natural granular stratum.

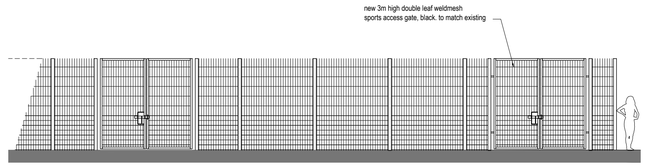
Fill with clean, washed, angular 20/40 mm drainage stone, free from fines and with a minimum declared void ratio of 30%. Do not use Type 1 or other dense graded material. Provide perforated collector/distribution pipe, inspection access and overflow only where indicated by the drainage engineer.

Terminate drainage stone approximately 150 mm below finished ground level and close filter geotextile over the stone. Provide 150 mm free-draining grass rootzone comprising a 70:30 blend by volume of washed sports sand and approved topsoil. Lightly consolidate without restricting permeability and seed with the specified hard-wearing amenity grass mixture.

Finish flush with adjoining grass. Protect until grass is established and make good any settlement during the establishment period



MUGA FENCE - ELEVATION A
Existing



MUGA FENCE - ELEVATION A
Proposed



TABLE TENNINS TABLE

Caloo Diabolo Slim Table Tennis (on permeable resin-bound gravel).
2.74m x 1.52m x 0.76m h. Freestanding, with ballast.

NOTES
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This drawing must not be reproduced without permission.
This drawing must not be scaled. Dimensions are in millimetres unless specified.
Any discrepancies to be brought to the attention of the architect.
This drawing is to be read in conjunction with all relevant relevant Architects, Structural Engineers and Services Engineers drawings and specification.

REV	DATE	REVISION NOTE	BY	CHECK
P1	27/08/2026	Issue for Planning	PI	RC
P0	14/08/2026	Stage 4 Issue	PI	RC

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CHORLTON HS SOUTH
CANOPY, FOOD KIOSK AND ASSOCIATED EXTERNAL WORKS
External Works

23008 AP(90)02 REV P1
DRAWN BY PI DATE 12/06/26 STATUS Stage 4 SCALE 1:100 @ A1
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