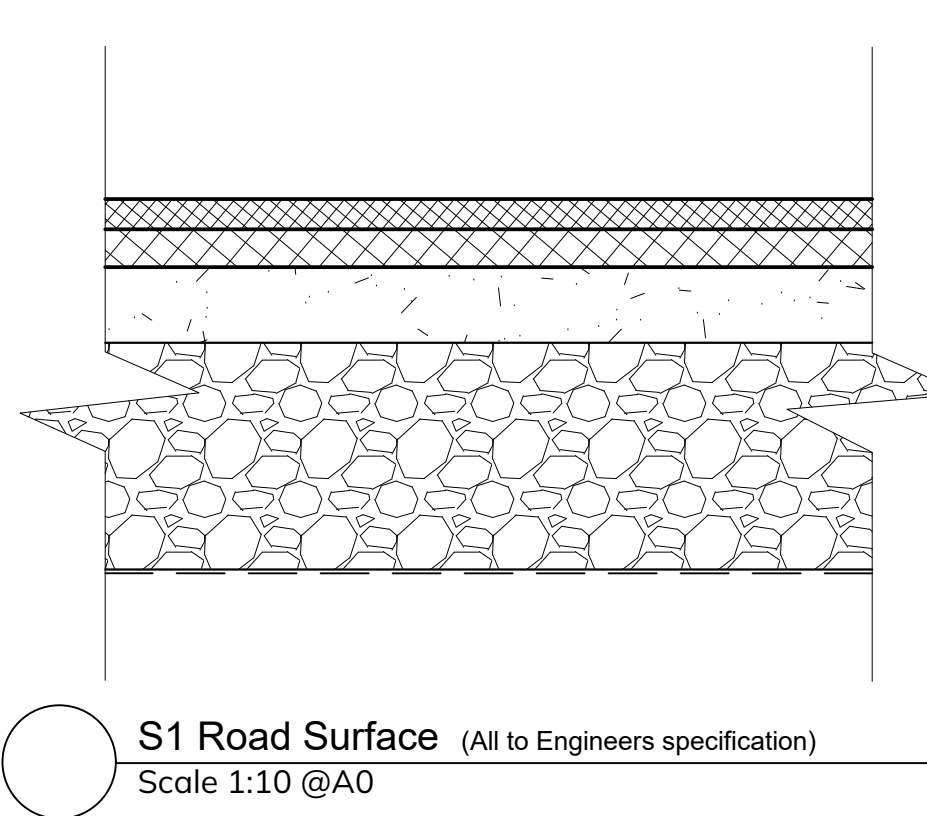
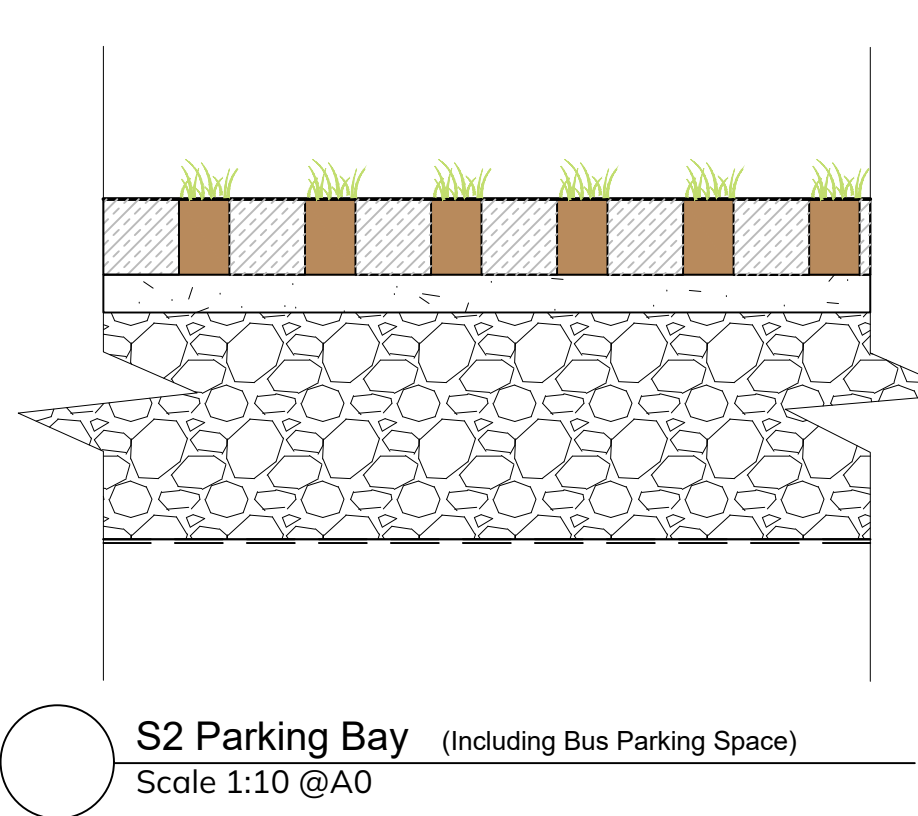




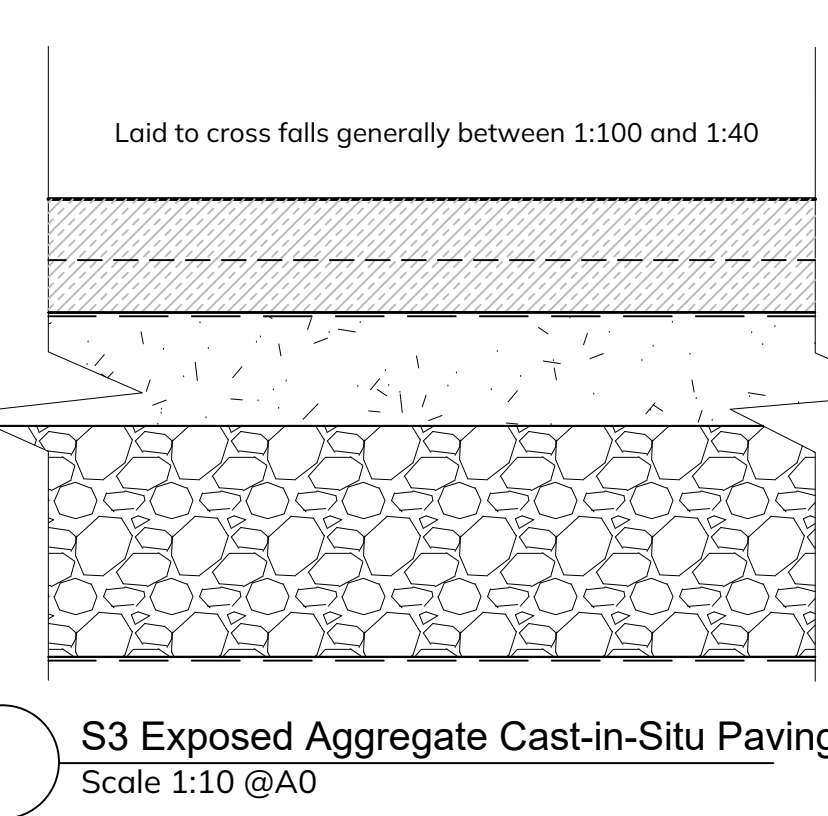
'Blocktop' wearing course surface see engineers drawings and specifications meeting BS594987 standards
Open textured binder course to BS594987
100mm Road Base, to engineers specifications
200mm minimum sub base to clause 808, type B compacted in accordance with clause 802 of the TII specification for roadworks. All to Engineers specifications
Geomembrane to site engineers specification, as required.
Well compacted sub base to site engineers approval

S1 Road Surface (All to Engineers specification)
Scale 1:10 @A0



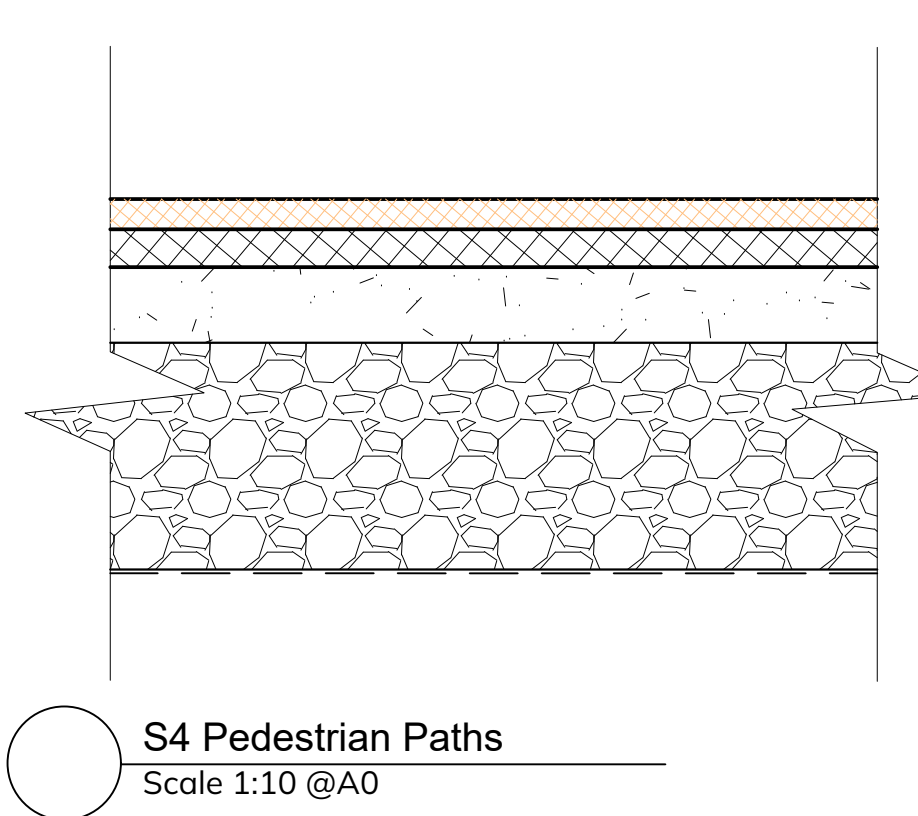
Ground reinforced grass paving system using 100mm thick permeable concrete paving blocks to Landscape Architects selection. All installed to BS EN 7533-3:2005
Voids filled with topsoil (BS3882:2007), allow for settlement and refill. Seed with drought tolerant grass seed @ 50g/sq.m. 50mm thickness of 6mm grit to BS7533-13:2009 over blinding layer.
300mm sub base to clause 804, type B of TII standard. All to Engineers specifications
Non woven geotextile layer specified by engineer.
Well compacted sub base to site engineers approval

S2 Parking Bay (Including Bus Parking Space)
Scale 1:10 @A0



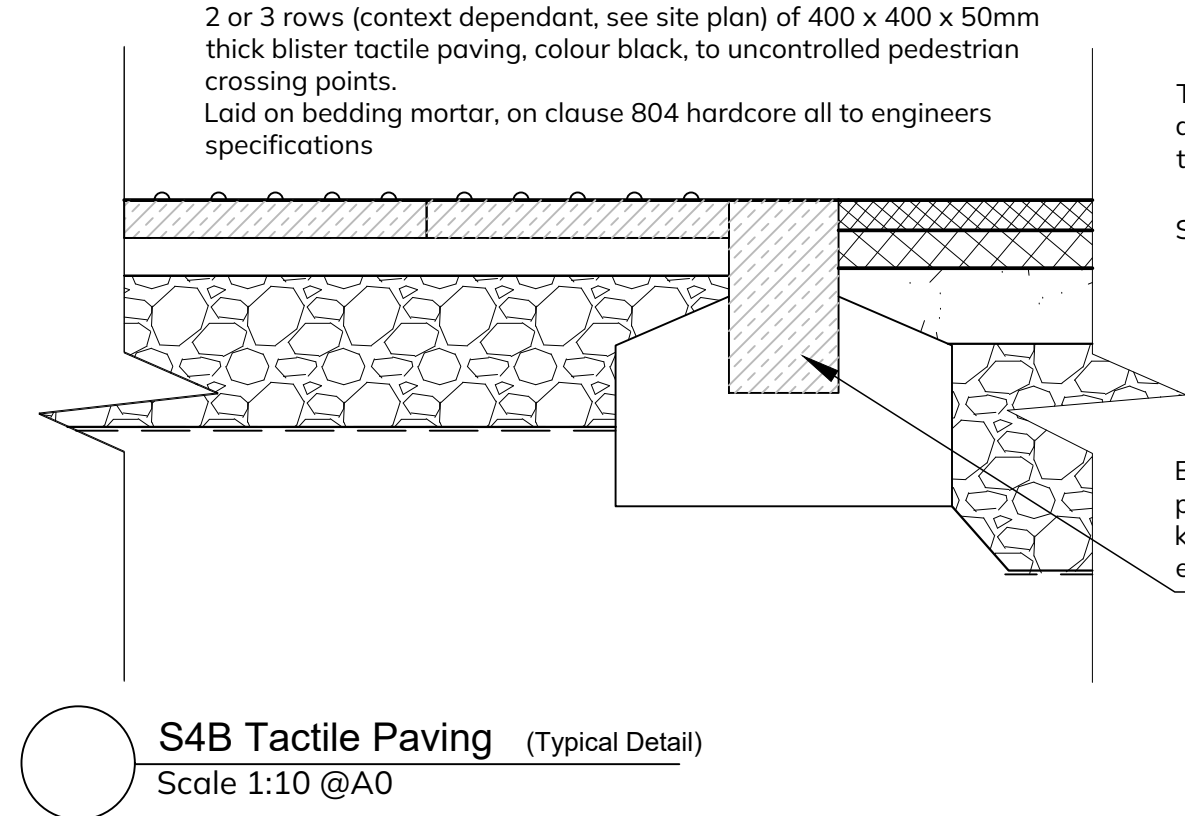
Cast-in-Situ concrete paving, depth, reinforcing mesh, build up and expansion joints by engineer. Comprising a mix of locally sourced granite and limestone aggregate (6-10 mm). Surface to be acid-etched or washed to expose aggregate in bands or pattern to construction stage detail. Construction stage sample panels to be approved by Landscape Architect.
250micrometer polythene sheets with overlaps to manufactures recommendations (min. 300mm)
150mm depth UGM Ac material to clause 800 of TII specification for roadworks. All to Engineers specifications
Capping layer, material to class 6F2 series 600 of TII specification for roadworks, see engineers details and specifications
Non woven geotextile layer specified by engineer.
Well compacted sub base to site engineers approval

S3 Exposed Aggregate Cast-in-Situ Paving
Scale 1:10 @A0



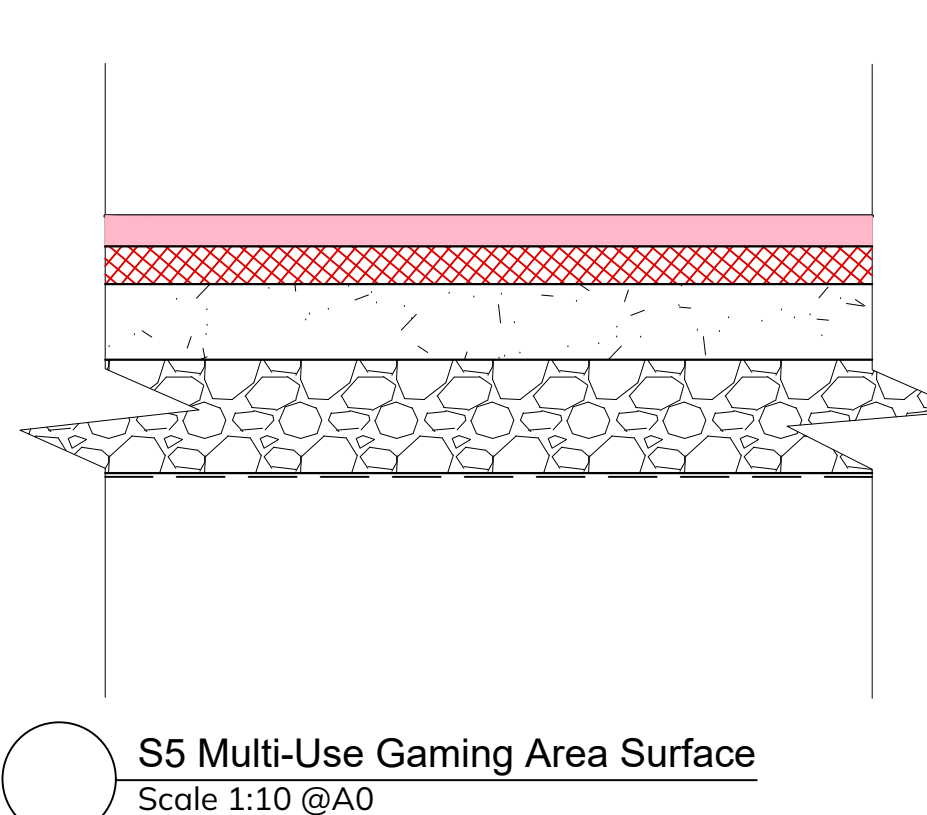
Stone Mastic Asphalt (SMA) 6mm grade finish with clear polymer modified binder, 'Light Buff' colour pigment and colour-matched aggregates
Binder and Base courses to Engineers Details
300mm sub base to clause 804, type B of TII standard. All to Engineers Detail and Specification
Geomembrane to engineers specification, as required (min 25 MPa).

S4 Pedestrian Paths
Scale 1:10 @A0



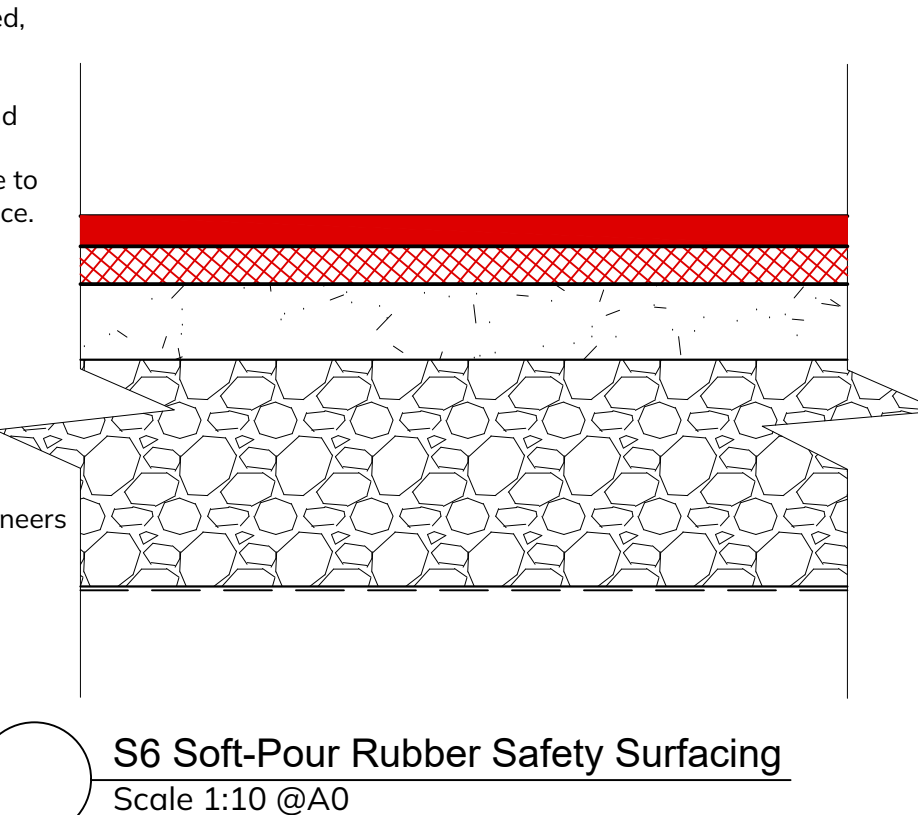
2 or 3 rows (context dependant, see site plan) of 400 x 400 x 50mm thick blister tactile paving, colour black, to uncontrolled pedestrian crossing points.
Laid on bedding mortar, on clause 804 hardcore all to engineers specifications
Tactile paving laid flush with kerbing and adjacent paving or road material. All laid to appropriate falls.
S1 Road build up illustrated here
Exposed aggregate kerbing with high percentage of granite, 150x220x900mm kerbs haunched in lean mix concrete to engineers specification

S4B Tactile Paving (Typical Detail)
Scale 1:10 @A0



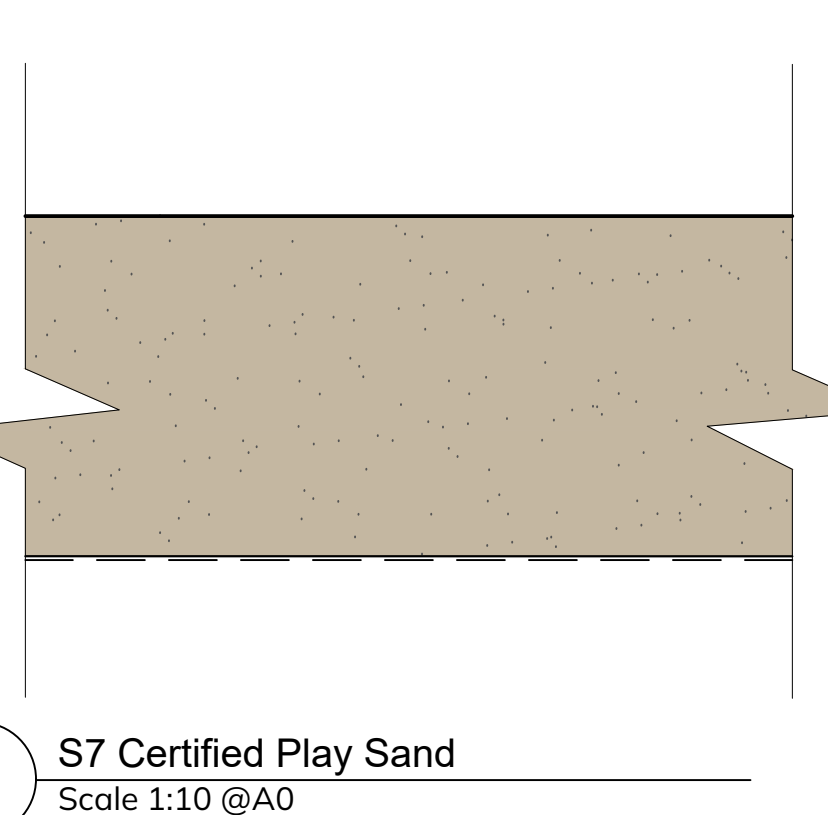
Proprietary seamless sports surfacing system. Poured, coloured acrylic- or polyurethane-based surface designed for multi-use games and informal play. Slip-resistant finish with integrated line markings and colour-zoned areas (exact colour layout by detailed design). Installed over free-draining engineered base to provide durable, SuDS-compliant performance surface.
AC 10 Open Surf to contractors design
150mm UGM AC Material compacted in layers to clause 800 of TII specification for roadworks.
Geotextile layer on well compacted sub base to engineers approval (min 25 MPa)

S5 Multi-Use Gaming Area Surface
Scale 1:10 @A0



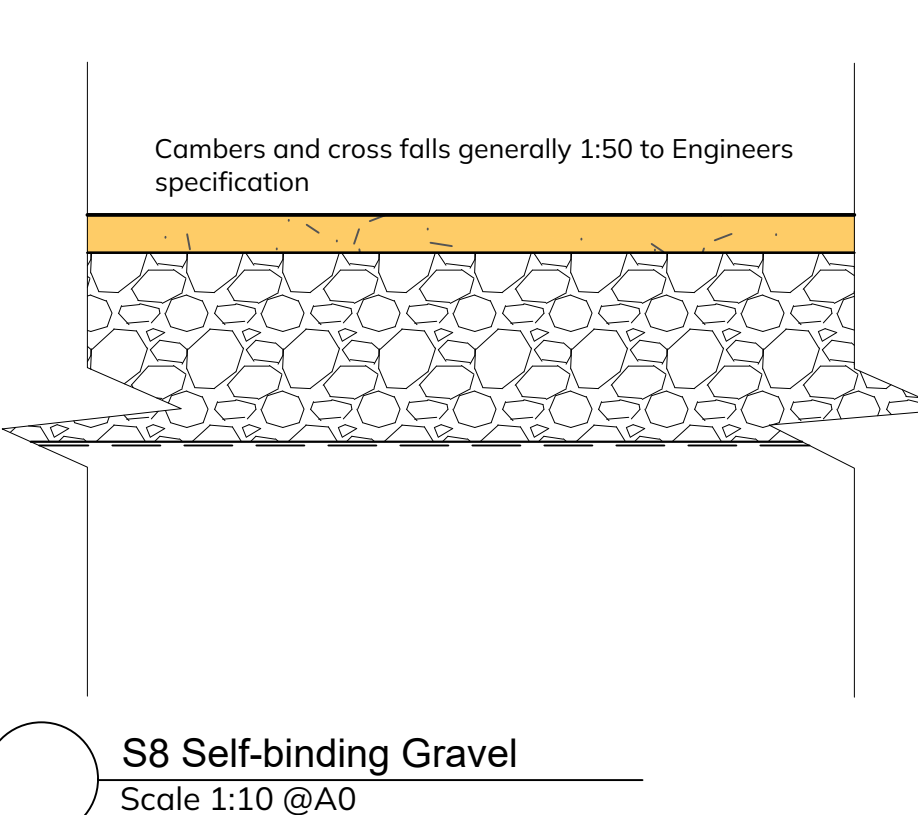
EPDM (Ethylene Propylene Diene Modified) Granulated synthetic rubber, manufactured from virgin polymer or recycled parts from cars, electrical appliances or construction industries. 15 mm thick, colour and pattern to Landscape Architects selection at Detailed Design Stage.
Laid on SBR Layer. Installed to critical fall height requirements in accordance with EN 1177: SBR (Styrene Butadiene Rubber) Granulated recycled rubber from automotive or different sources used in the bottom layer of surfacing for shock absorbercy. A recycled rubber mix from tyres and other sources used for better absorption.
Crushed aggregate, 0-4mm / 20mm depth
Crushed aggregate, 0 - 32mm / 200mm depth
Geotextile layer as required by Engineer on sub base to engineers approval (min 25 MPa)

S6 Soft-Pour Rubber Safety Surfacing
Scale 1:10 @A0



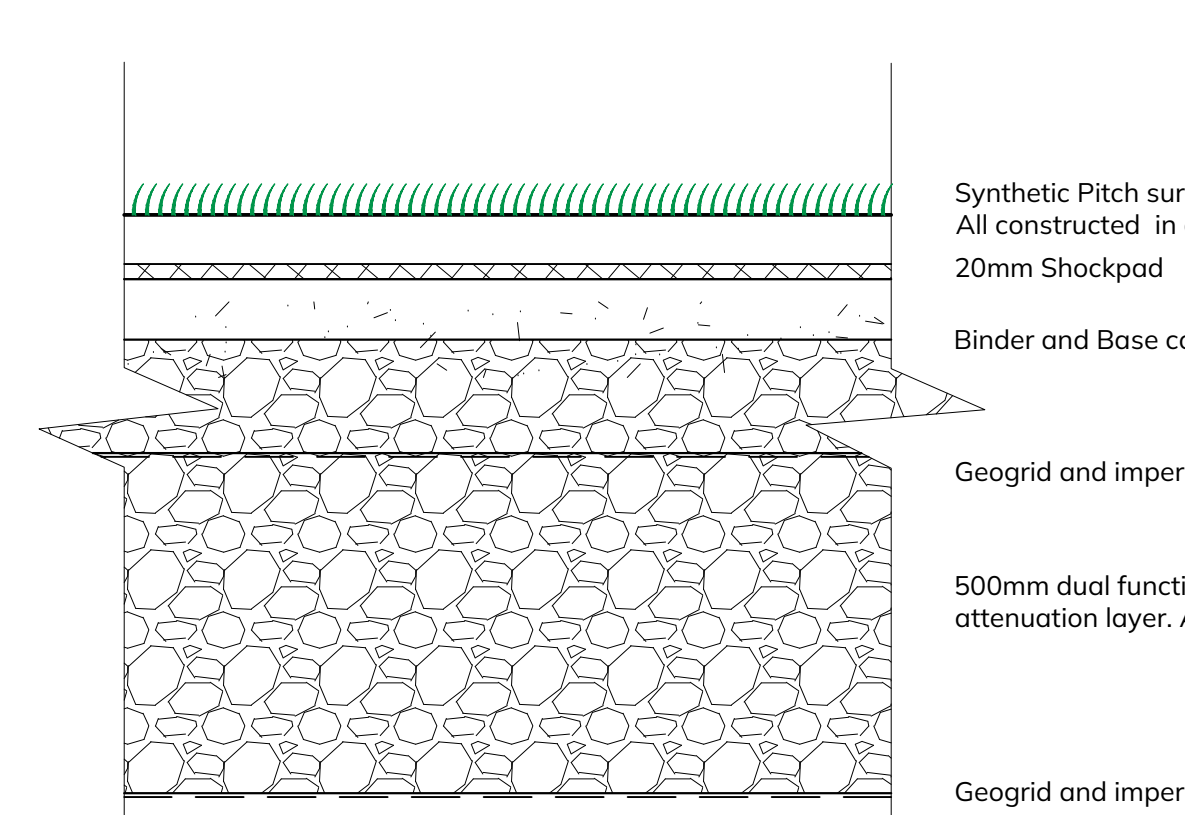
450 mm Play sand, clean, washed, hydrosized, natural, uncrushed, sub-angular to sub-rounded, 0.15-0.75mm, and complying with EN 71-3:2013 + A1:2014 safety standards.
Non woven geotextile layer specified by Site Engineer, as required.
Sub base to engineers approval (min 25 MPa)

S7 Certified Play Sand
Scale 1:10 @A0



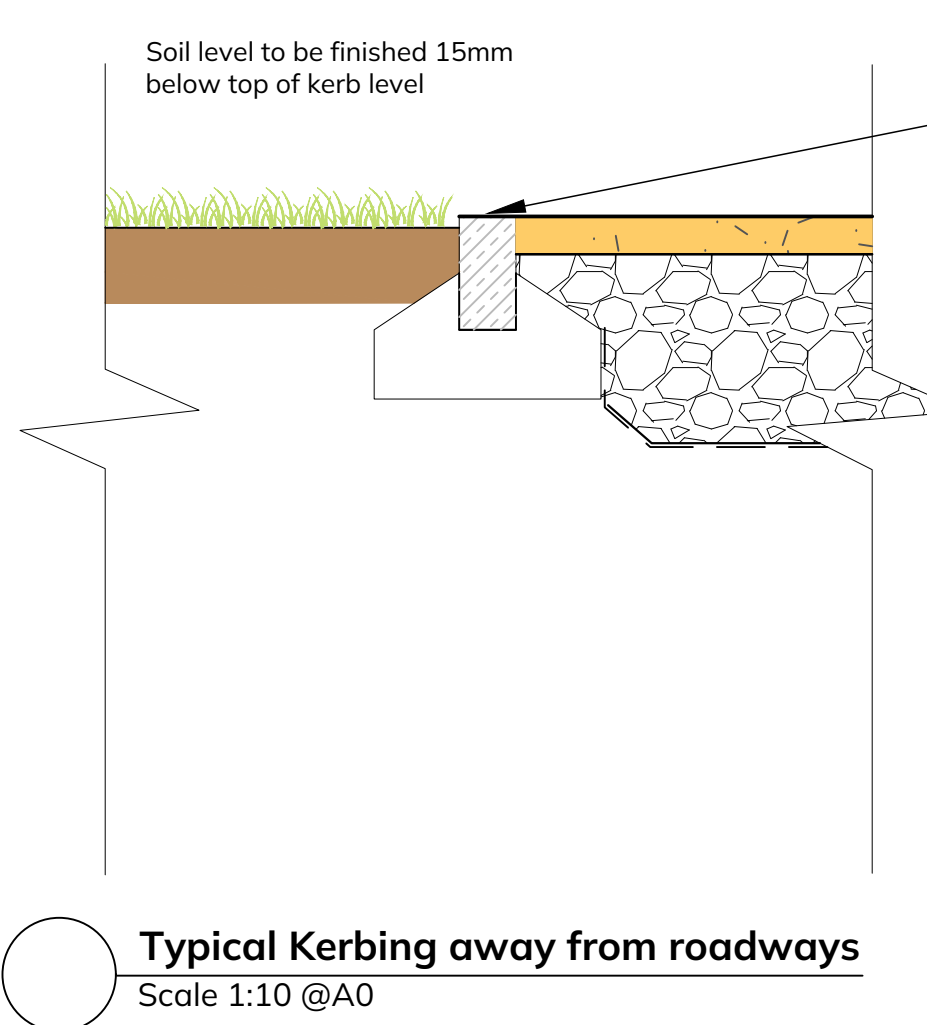
Cambers and cross falls generally 1:50 to Engineers specification
Buff colored self-binding quartzite gravel, also known as 'fines', 10 mm down to dust. The material is spread out to a depth of approximately 75mm in order to achieve a finished compacted thickness of 50 mm, using a 1.5 to 2.5 tonnes roller.
250mm layer of clause 804 graded and compacted hardcore, to Engineers specification.
Non woven geotextile layer specified by Engineer, as required.
Well compacted sub base to engineers approval (min 25 MPa).

S8 Self-binding Gravel
Scale 1:10 @A0



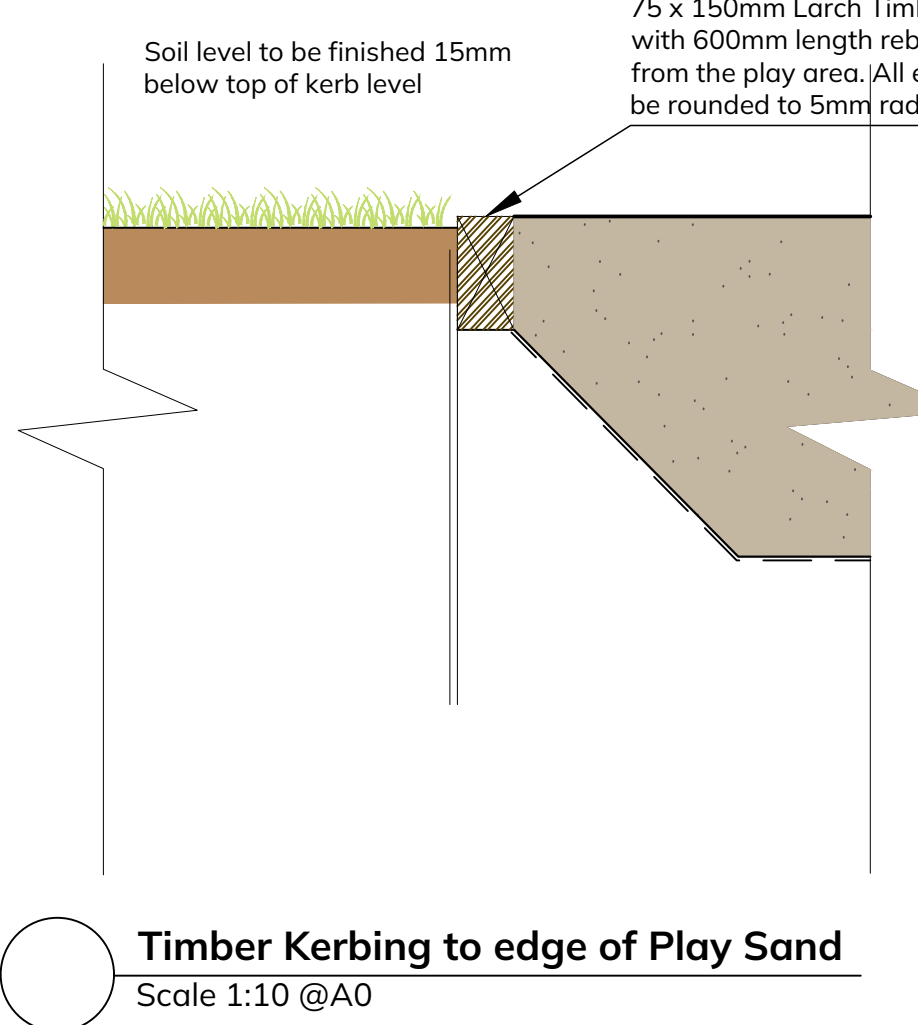
Synthetic Pitch surfaces supplied and laid by specialist. All constructed in compliance with EN 14 877 - 2013
20mm Shockpad
Binder and Base courses to Engineers Details
Geogrid and impermeable membrane
500mm dual functioning capping, grading and attenuation layer. All to engineers details.
Geogrid and impermeable membrane

S9 - Artificial Grass Playing Surface (4G Soccer Pitch and 3G Hockey Pitch)
Scale 1:10 @A0



Soil level to be finished 15mm below top of kerb level
Exposed aggregate kerbing with high percentage of granite, 75x150x900mm kerbs haunched in lean mix concrete to engineers specification
S8 Self-Binding Gravel build up illustrated here

Typical Kerbing away from roadways
Scale 1:10 @A0

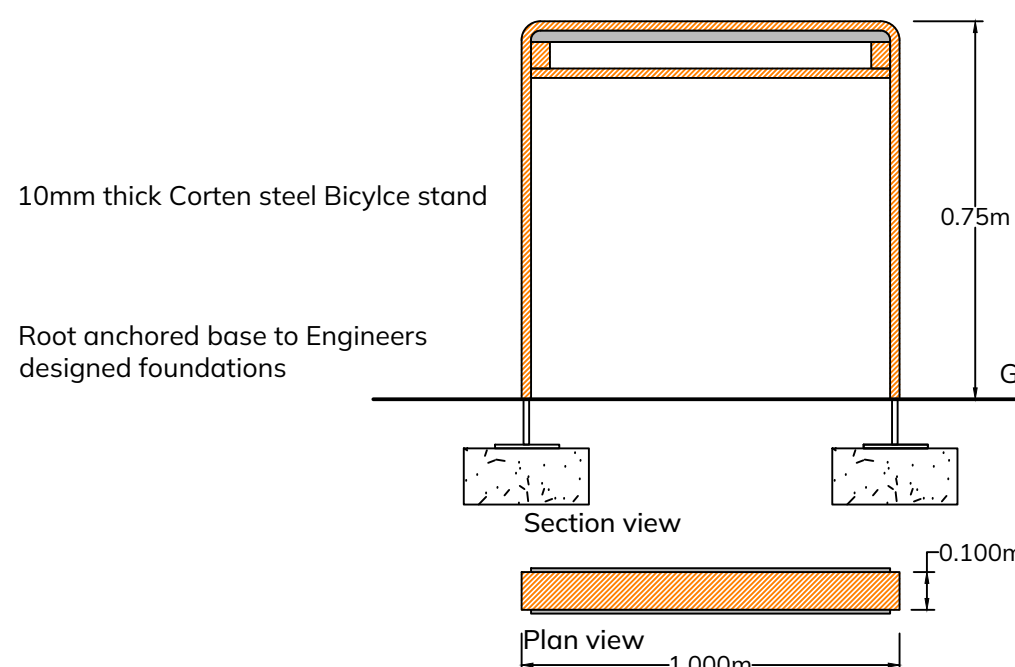
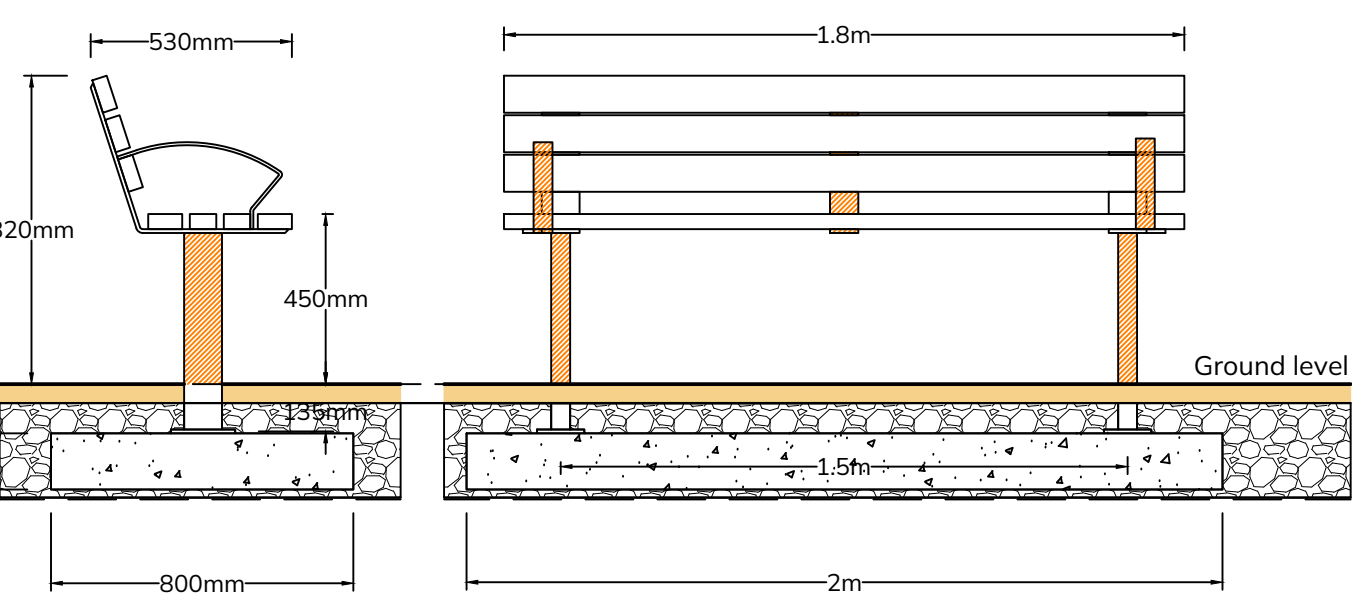


Soil level to be finished 15mm below top of kerb level
75 x 150mm Larch Timber edge restraint, fixed with 600mm length rebar steel on the side away from the play area. All exposed timber edges to be rounded to 5mm radius.

Timber Kerbing to edge of Play Sand
Scale 1:10 @A0

Galvanised aluminium, powder coated colour to match corten steel & hardwood timber seat with back support and arm rests.
Standard length 1.8m, width 565mm
Seating height - 445mm above ground level
Root fixing 135mm under ground level
Arm rest - aluminum, colour coated to match corten steel
Concrete foundations 2000 x 800 x 150 mm Specified by Engineer

Proprietary Bench Seating
Scale 1:20 @A1



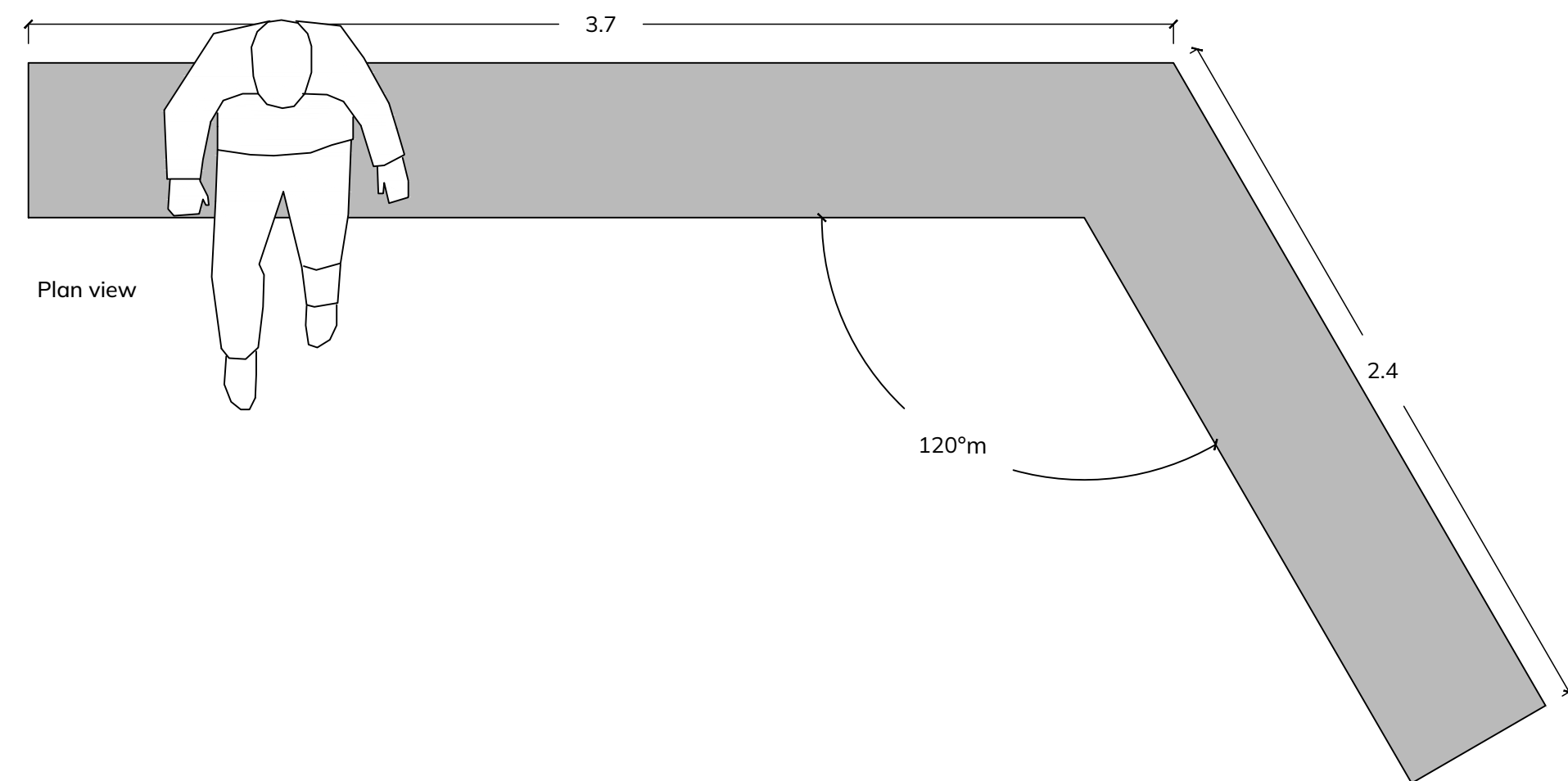
Corten Steel Bicycle Stand
Scale 1:20 @A1



Elevation view

Bespoke Concrete Bench with exposed aggregate finish comprising a mix of locally sourced granite and limestone aggregate (6-10 mm). All corners to be bull-nosed or rounded finish. Surface to be acid-etched or washed to expose aggregate. Standard length - 3.7m x 2.4m (As shown)
Width - 350mm - 500mm
Seating height - 450mm above ground level
Foundations specified by Engineer

Bespoke Concrete Bench
Scale 1:20 @A1



Plan view