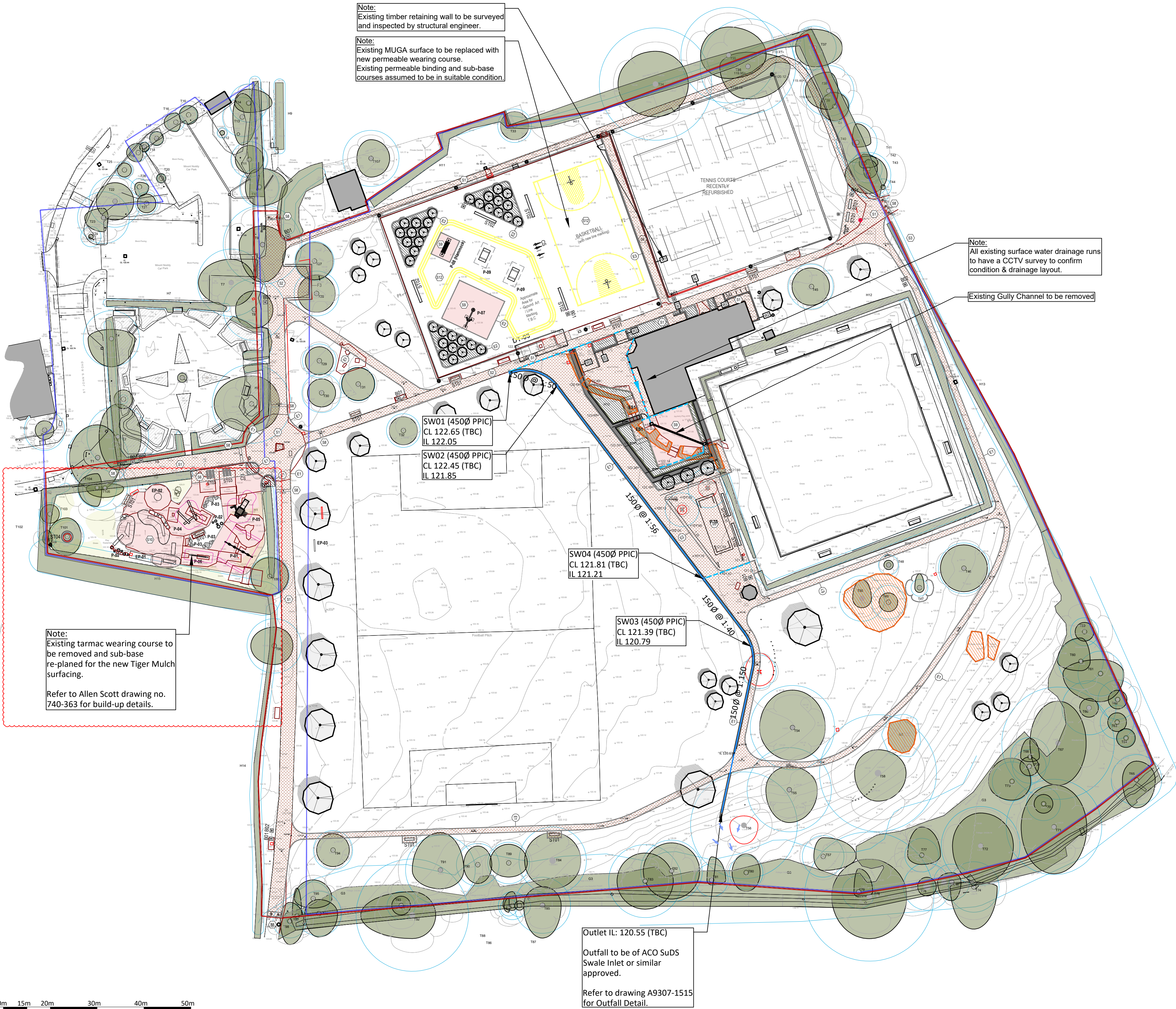
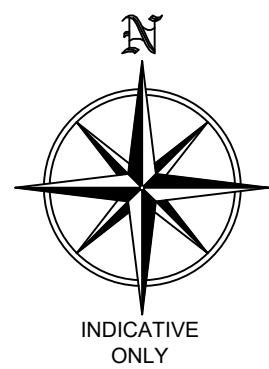


Appendix A - Drainage and Surfacing Drawings: layouts and details



5m 10m 15m 20m 30m 40m 50m
SCALE 1:500

CDM 2015 RESIDUAL RISKS

- Existing services
- Existing drainage

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

Drainage Notes

- All private drainage works shall be constructed in accordance with Building Regulations Approved Document H (latest edition) and BS EN 752.
- Prior to commencement of the works the contractor shall liaise with all relevant authorities to obtain their requirements, work method approval and where appropriate the intended choice of materials.
- Refer to topographical survey for details of existing site conditions and bench marks.
- Prior to commencement of the works the contractor shall liaise with all relevant authorities to locate, protect and where necessary divert all existing services affected by the works.
- The contractor shall ensure the stability of all excavations is maintained at all times and all excavations shall be kept free of standing water.
- All works in, or adjacent to, the public highway shall be in accordance with the requirements of the Highway Authority. The contractor shall obtain all necessary licenses required to carry out the works within the public highway.
- All works to new or existing public sewers shall be to the approval of the local water authority and in accordance with 'Sewerage Sector Guidance' - Latest Edition.
- Prior to commencement of the works all drainage outfall points, whether existing sewer, drain or watercourse, shall be verified on site by the contractor. If the outfall point is found to be higher or significantly lower than shown on the drawings then the design engineer shall be notified immediately (significant redesign of drainage and levels may be necessary). Prior to commencement of construction on-site the contractor shall install all off-site drainage connections, or satisfy himself that there are no obstructions or other reasons why the drain connections can not be made.
- All cover levels shown on this drawing are approximate, exact levels of new covers and frames are to be determined on site to match level and profile of finished surface.
- The construction of all existing chambers, gullies and their covers, gratings and frames to be improved, repaired or replaced as necessary to suit their location within the finished development.
- All covers, gratings and frames to chambers, gullies, channels etc, shall be of the correct load class to suit their location.

Load Class A15	Pedestrian areas (not accessible by vehicles)
Load Class B125	Private drives
Load Class C250	Basements / parking bays / lightly trafficked roads
Load Class D400	Main roads
- All existing chambers, gully channels, pipes and other drainage apparatus shall be protected from damage during the works. The contractor shall take all necessary measures to ensure that no material enters the drains (other than that which they are designed to carry).
- Refer to site investigation report for existing ground conditions and any special requirements for buried concrete (special requirements for buried concrete shall include all pre-cast and in-situ concrete and mortars). Where appropriate refer to contamination reports for details of chemicals affecting choice of materials and other additional requirements.
- All pre-cast and in-situ concrete and mortars used in the construction of foul drains and sewers shall be made from sulphate resisting cement.
- Unless noted otherwise all pipework shall be constructed from 'super strength' vitrified clay to BS 65, BS EN 295 or UPVC to BS EN 1401 bedded and backfilled as per the manufacturer's recommendations and the above listed publications.
- The contractor's attention is drawn to Diagrams 7 and 8 of 'The Building Regulations Approved Document H' showing details of drains laid below and near to buildings. Where ground beams are used, their level shall be set to avoid clashing with drain connections.
- Exact location of gullies to be determined on site to suit low points. the contractor shall ensure that all finished surfaces are laid to falls that are sufficient for all surface water to drain without surface ponding.
- All drainage channels to be by ACO or similar and to be of a type, size and capacity suitable for their location.
- Private access fittings, inspection chambers and manholes shall be constructed to the dimensions shown in Tables 11 and 12 of 'The Building Regulations Approved Document H' and from the materials listed in Table 14. Access points, inspection chambers and manholes shall be constructed from products designed/rated for the location in which they are to be used. They shall be installed in accordance with the manufacturer's/supplier's recommendations.
- Prior to commencement of any works the existing drainage must be traced to ensure that no 'live' connections remain, any such connections must be reported to the contract administrator, prior to diversion into the new drains.
- Existing pipes to be abandoned shall be broken out or filled with PFA grout. Manholes shall be broken out and filled with compacted granular material, complying with structural engineer's requirements when within the vicinity of a proposed or existing structure
- Pipes at manholes to be soffit to soffit unless noted otherwise.
- Pipes passing through foundations and structures shall be sleeved and have flexible pipe joints located on both sides in accordance with the building regulations and structural engineer requirements.



NOTES

- DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
- All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
- Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.

Engineering Layout Key

xx.xx	Finished Level
1:xx	Gradient
100mm ACO Multi-Drain (Private)	
xx @ 1:xx	S.W. Perforated Pipe in Trench
CL xx.xxx xxx @ 1:xx	Surface Private 4500 PPIC (Up to 1500 pipe)
→	Flood exceedance route
IC CL xxx.xx	Existing Manhole (All existing surface water drainage runs to have a CCTV survey to confirm condition & drainage layout)
	Existing sewer to be abandoned
100 R/W	Retaining Wall (Text Indicates Retained Height)
S1	Surfacing Plan (refer to Allen Scott dwg no. 740-362 & 740-363 for details)
E1	Edging Plan (refer to Allen Scott dwg no. 740-363 for details)
G1	Proposed Gates (refer to Allen Scott dwg no. 740-359 to 740-360 details)
	Proposed Fencing (refer to Allen Scott dwg no. 740-359 to 740-360 details)
CS	Proposed Cycle Stands (refer to Allen Scott dwg no. 740-351 for details)
BD1	Proposed Removable Bollards (refer to Allen Scott dwg no. 740-351 for details)
B01	Proposed Bins (refer to Allen Scott dwg no. 740-351 for details)
SG1	Proposed Entrance sign (refer to Allen Scott dwg no. 740-350 for details)
P-01	Play Equipment (refer to Allen Scott dwg no. 739-368 to 739-372, 740-364 to 740-367 for details)
ST01	Bench Equipment (refer to Allen Scott dwg no. 740-354 for details)

PRELIMINARY

P06	Levels key added	24.05.24	SV	AK
P05	Amended as per Archited's comments	08.05.24	SV	AK
P04	Additional ACO drains included	18.04.24	SV	AK
P03	Chambers added	27.03.24	SV	AK
P02	Drainage Revised	29.11.23	SF	SM
P01	Preliminary Issue	13.11.23	SF	SM

Revision	Amendments	Date	Rev'd	Chk'd
SF		November 2023		CIVIL



Suffolk House 154 High Street
Sevenoaks Kent TN13 1XE UK
UK: +44 (0)1732 740195
www.ctp-lip.com

Project Title
MOUNT NODDY PARK

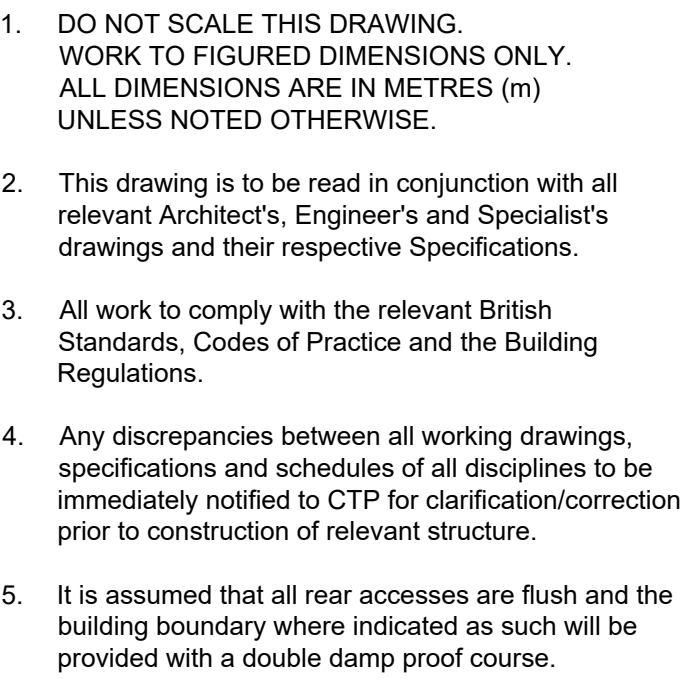
Drawing Title
ENGINEERING LAYOUT

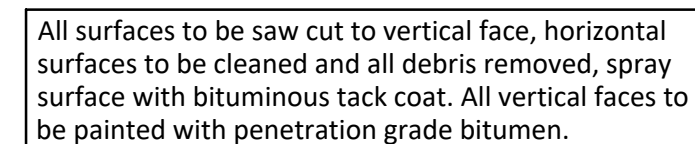
Drawing Number
A9307-1505

Scale
1:500 @A1

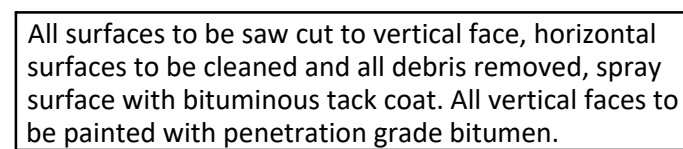
Unless Noted Otherwise

Project
P06

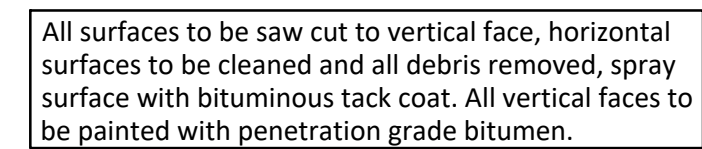




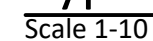
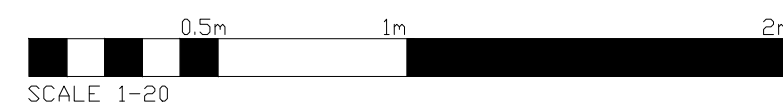
Scale 1-20



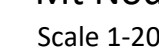
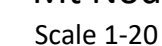
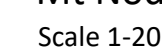
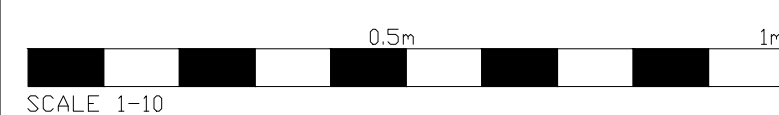
Scale 1-20



Scale 1-20



9. Extrusion-end but-joint. Important - when used in conjunction with Bitmac or similar hot lay surface, allow a 4-6mm gap for expansion.
10. Strip connector



- The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

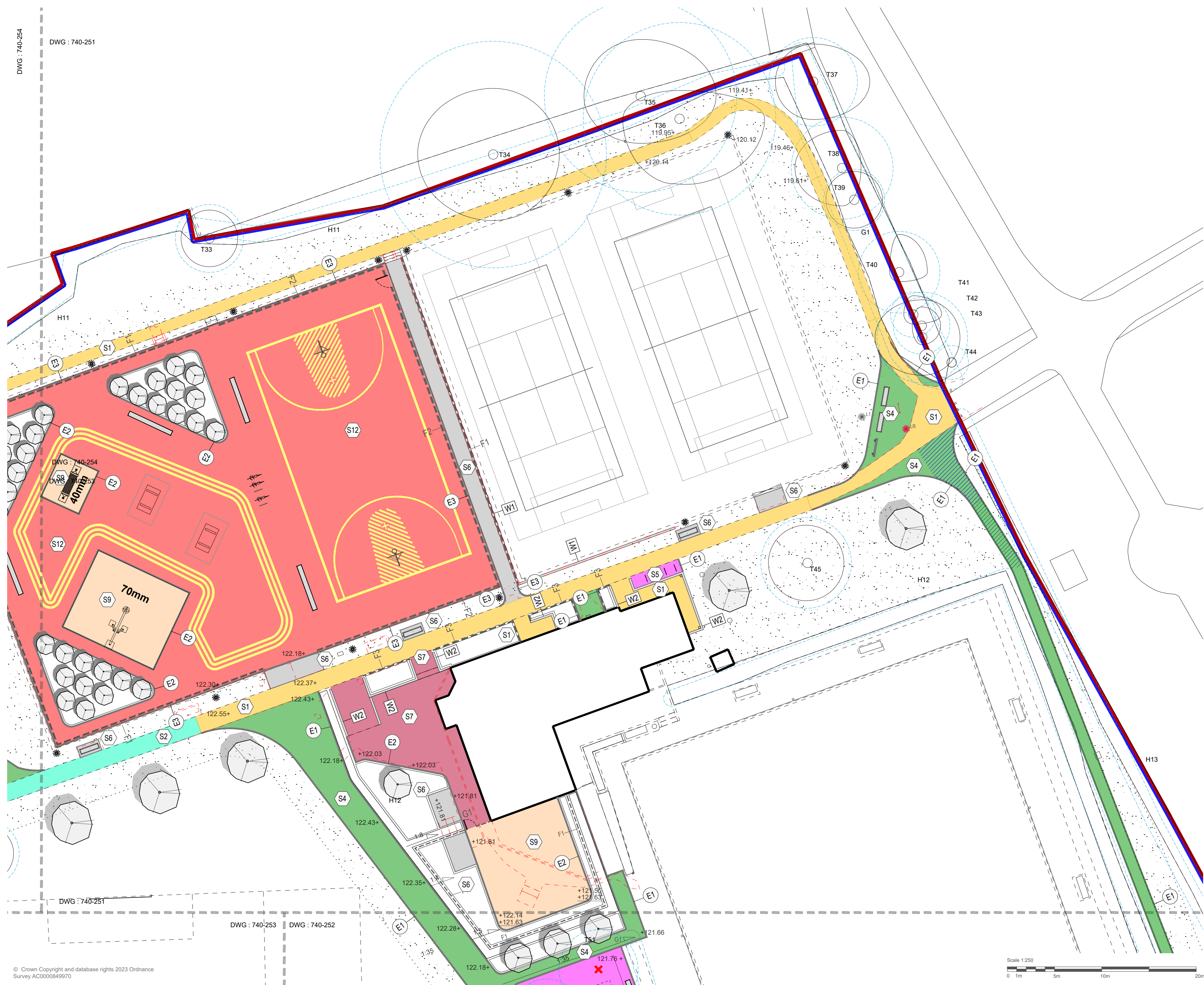
PRELIMINARY

Suffolk House 154 High Street
Sevenoaks Kent TN13 1XE UK
UK: +44 (0)1732 740195
www.ctp-llp.com

S278 Construction Details

A9307-1615

A9307-1615



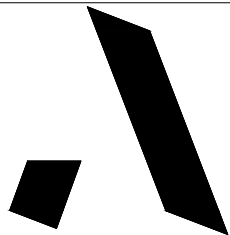
LEGEND

- Existing asphalt
Prepare and lay new tar spray and chip dressing
- Existing asphalt
Plane off and lay new wearing course & tar spray and chip dressing (refer to engineers details)
- Proposed asphalt
Full build up - Pedestrian Grade (refer to engineers details)
- Proposed asphalt with tar spray and chip dressing
Full build up - Pedestrian Grade (refer to engineers details)
- Proposed Breodon gravel
Full build up - Pedestrian Grade (refer to engineers details)
- Proposed instu-concrete
Full build up - Pedestrian Grade (refer to engineers details)
- Proposed clay pavers
Full build up - Pedestrian Grade (refer to engineers details)
- Proposed granite setts
Full build up - Vehicular Grade (refer to engineers details)
- Proposed wetpour
40-70mm depth (refer to plan & details) laid on existing sub base (refer to spec)
- Proposed tiger mulch
Wearing course 40-50mm depth (refer to plan & details) laid on existing sub base (refer to spec)
Note : To be laid with toed edge to suppliers standard detail
- Proposed tiger mulch
Full build up, Wearing course 40-50mm depth (refer to plan & details, laid on new sub base (refer engineers details)
Note : To be laid with toed edge to suppliers standard detail
- Existing MUGA surface
Plane off existing wearing course and lay new open grade MUGA wearing course (refer to plan & details, laid on existing sub base (refer engineers details)
- E1 - Proposed 38mm tanalised timber edging
E2 - Proposed Kinley Systems, 75mm Fort Corten edging, laid flush
E3 - Proposed PCC edging
- No dig type construction
Refer to Clearance Plans & engineers details

NOTES

This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the Landscape Architects.
Do not scale from this drawing.
The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the Landscape Architects immediately.
The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates, British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of Practice and Regulations in respect of Health & Safety.

Rev	Date	By	Description	Ckd
-----	------	----	-------------	-----



**ALLEN SCOTT
LANDSCAPE
ARCHITECTURE**

Drawing Status

For Information

Project:
Mount Noddy Park

Drawing Title:

**Surfacing & Edging -
North East**

Client:
Mid Sussex District Council

Scale:

1: 250 @ A2

Date:

13.06.23

Job No.:

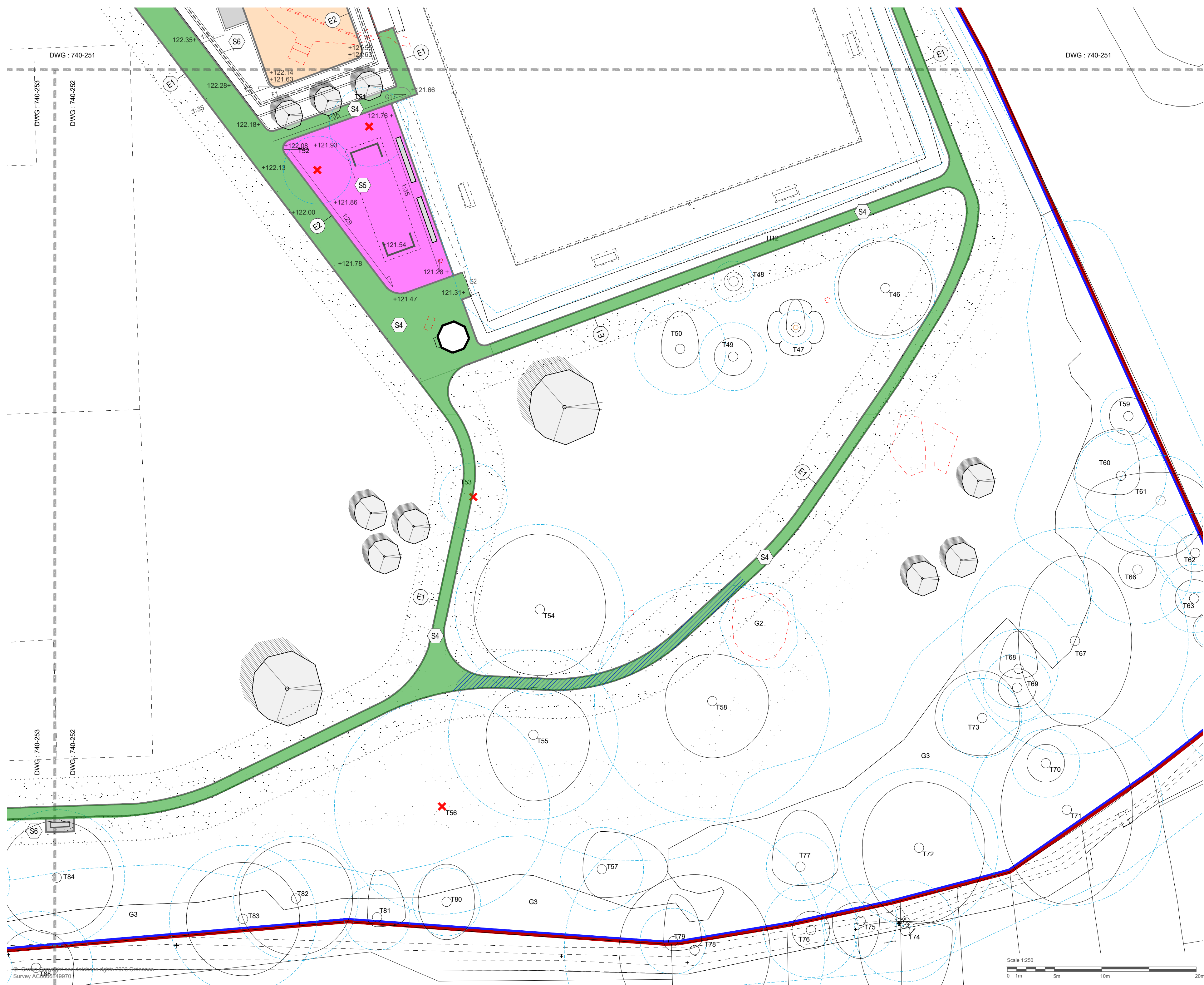
23-739

Drawing No.:

740-251

Scale 1:250





- LEGEND**
- S1** Existing asphalt
Prepare and lay new tar spray and chip dressing
 - S2** Existing asphalt
Plane off and lay new wearing course & tar spray and chip dressing (refer to engineers details)
 - S3** Proposed asphalt
Full build up - Pedestrian Grade (refer to engineers details)
 - S4** Proposed asphalt with tar spray and chip dressing
Full build up - Pedestrian Grade (refer to engineers details)
 - S5** Proposed Breodon gravel
Full build up - Pedestrian Grade (refer to engineers details)
 - S6** Proposed instu-concrete
Full build up - Pedestrian Grade (refer to engineers details)
 - S7** Proposed clay pavers
Full build up - Pedestrian Grade (refer to engineers details)
 - S8** Proposed granite setts
Full build up - Vehicular Grade (refer to engineers details)
 - S9** Proposed wetpour
40-70mm depth (refer to plan & details) laid on existing sub base (refer to spec)
 - S10** Proposed tiger mulch
Wearing course 40-50mm depth (refer to plan & details) laid on existing sub base (refer to spec)
Note : To be laid with toed edge to suppliers standard detail
 - S11** Proposed tiger mulch
Full build up. Wearing course 40-50mm depth (refer to plan & details, laid on new sub base (refer engineers details)
Note : To be laid with toed edge to suppliers standard detail
 - S12** Existing MUGA surface
Plane off existing wearing course and lay new open grade MUGA wearing course (refer to plan & details, laid on existing sub base (refer engineers details)
 - E1** - Proposed 38mm tanalised timber edging
E2 - Proposed Kinley Systems, 75mm Fort Corten edging, laid flush
E3 - Proposed PCC edging
 - No dig type construction
Refer to Clearance Plans & engineers details

NOTES

This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the Landscape Architects.
Do not scale from this drawing.
The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the Landscape Architects immediately.
The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates, British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of Practice and Regulations in respect of Health & Safety.

Rev	Date	By	Description	Ckd
-----	------	----	-------------	-----



Drawing Status

For Information

Project:
Mount Noddy Park

Drawing Title:

**Surfacing & Edging -
South East**

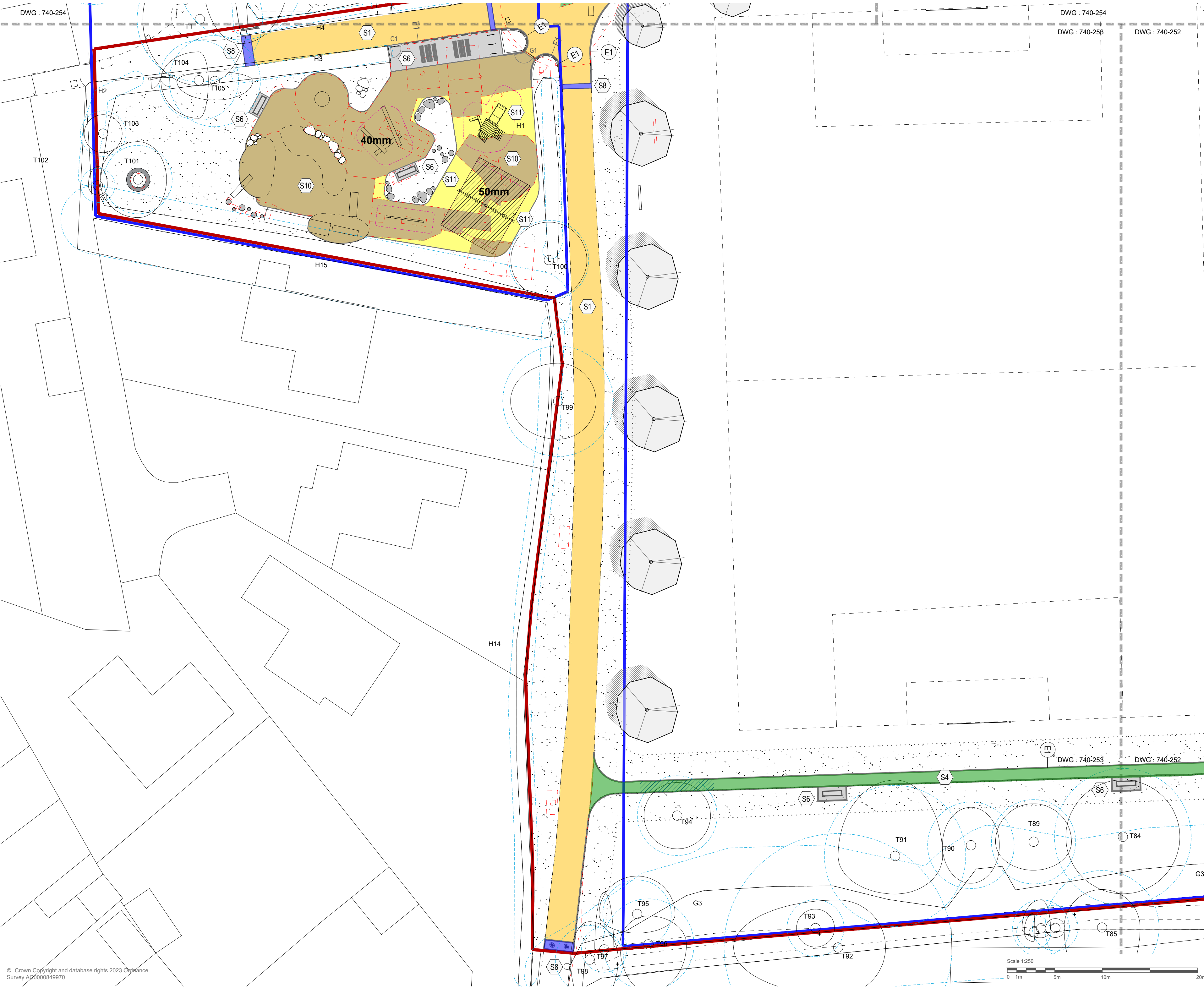
Client:
Mid Sussex District Council

Scale:
1: 250 @ A2

Date:
13.06.23

Job No.:
23-739

Drawing No.:
740-252



- LEGEND**
- S1** Existing asphalt
Prepare and lay new tar spray and chip dressing
 - S2** Existing asphalt
Plane off and lay new wearing course & tar spray and chip dressing (refer to engineers details)
 - S3** Proposed asphalt
Full build up - Pedestrian Grade (refer to engineers details)
 - S4** Proposed asphalt with tar spray and chip dressing
Full build up - Pedestrian Grade (refer to engineers details)
 - S5** Proposed Breodon gravel
Full build up - Pedestrian Grade (refer to engineers details)
 - S6** Proposed instu-concrete
Full build up - Pedestrian Grade (refer to engineers details)
 - S7** Proposed clay pavers
Full build up - Pedestrian Grade (refer to engineers details)
 - S8** Proposed granite setts
Full build up - Vehicular Grade (refer to engineers details)
 - S9** Proposed wetpour
40-70mm depth (refer to plan & details) laid on existing sub base (refer to spec)
 - S10** Proposed tiger mulch
Wearing course 40-50mm depth (refer to plan & details) laid on existing sub base (refer to spec)
Note : To be laid with toed edge to suppliers standard detail
 - S11** Proposed tiger mulch
Full build up. Wearing course 40-50mm depth (refer to plan & details, laid on new sub base (refer engineers details)
Note : To be laid with toed edge to suppliers standard detail
 - S12** Existing MUGA surface
Plane off existing wearing course and lay new open grade MUGA wearing course (refer to plan & details, laid on existing sub base (refer engineers details)
 - E1** Proposed 38mm tanalised timber edging
E2 Proposed Kinley Systems, 75mm Fort Corten edging, laid flush
E3 Proposed PCC edging
 - No dig type construction
Refer to Clearance Plans & engineers details

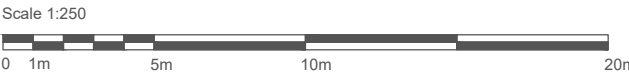
NOTES

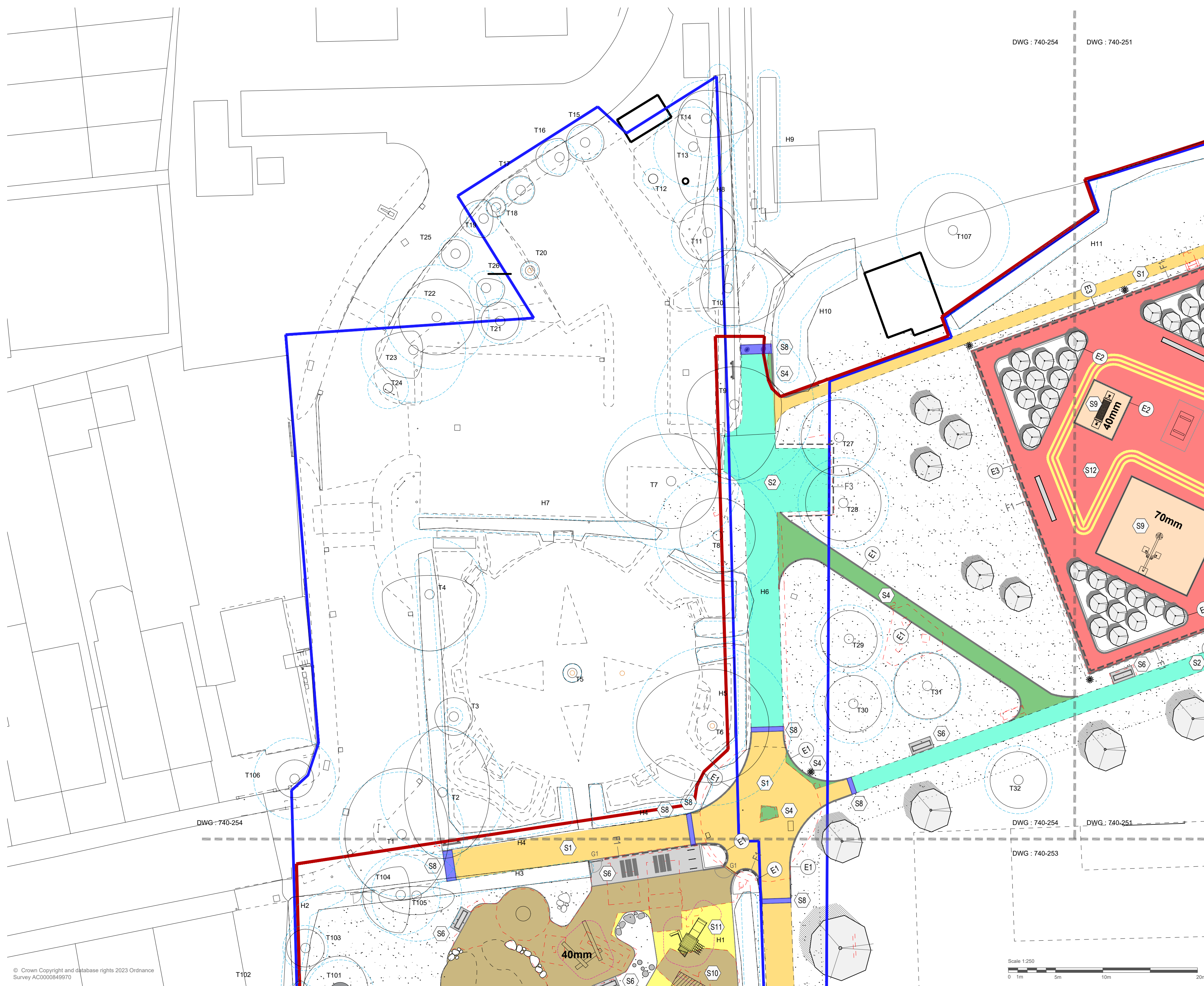
This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the Landscape Architects.
Do not scale from this drawing.
The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the Landscape Architects immediately.
The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates, British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of Practice and Regulations in respect of Health & Safety.

Rev	Date	By	Description	Ckd
-----	------	----	-------------	-----



Drawing Status		For Information		N	
Project:		Mount Noddy Park			
Drawing Title:		Surfacing & Edging - South West			
Client:		Mid Sussex District Council			
Scale:		1: 250 @ A2		Job No.:	
Date:		13.06.23		Drawing No.:	
				23-739	
				740-253	





- LEGEND**
- S1** Existing asphalt
Prepare and lay new tar spray and chip dressing
 - S2** Existing asphalt
Plane off and lay new wearing course & tar spray and chip dressing (refer to engineers details)
 - S3** Proposed asphalt
Full build up - Pedestrian Grade (refer to engineers details)
 - S4** Proposed asphalt with tar spray and chip dressing
Full build up - Pedestrian Grade (refer to engineers details)
 - S5** Proposed Breodon gravel
Full build up - Pedestrian Grade (refer to engineers details)
 - S6** Proposed instu-concrete
Full build up - Pedestrian Grade (refer to engineers details)
 - S7** Proposed clay pavers
Full build up - Pedestrian Grade (refer to engineers details)
 - S8** Proposed granite setts
Full build up - Vehicular Grade (refer to engineers details)
 - S9** Proposed wetpour
40-70mm depth (refer to plan & details) laid on existing sub base (refer to spec)
 - S10** Proposed tiger mulch
Wearing course 40-50mm depth (refer to plan & details) laid on existing sub base (refer to spec)
Note : To be laid with toed edge to suppliers standard detail
 - S11** Proposed tiger mulch
Full build up. Wearing course 40-50mm depth (refer to plan & details, laid on new sub base (refer engineers details)
Note : To be laid with toed edge to suppliers standard detail
 - S12** Existing MUGA surface
Plane off existing wearing course and lay new open grade MUGA wearing course (refer to plan & details, laid on existing sub base (refer engineers details)
 - E1** - Proposed 38mm tanalised timber edging
E2 - Proposed Kinley Systems, 75mm Fort Corten edging, laid flush
E3 - Proposed PCC edging
 - No dig type construction
Refer to Clearance Plans & engineers details

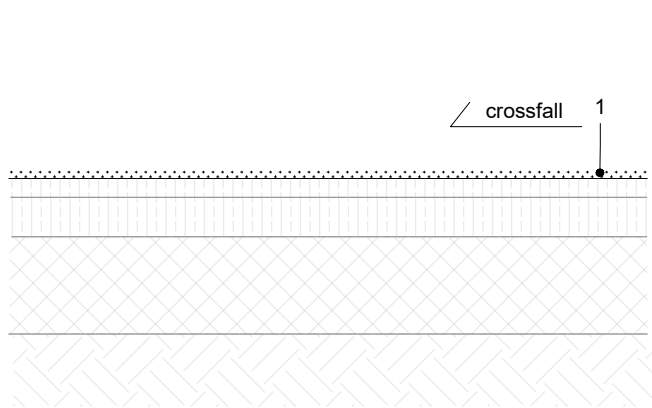
NOTES

This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the Landscape Architects.
Do not scale from this drawing.
The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the Landscape Architects immediately.
The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates, British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of Practice and Regulations in respect of Health & Safety.

Rev	Date	By	Description	Ckd
-----	------	----	-------------	-----

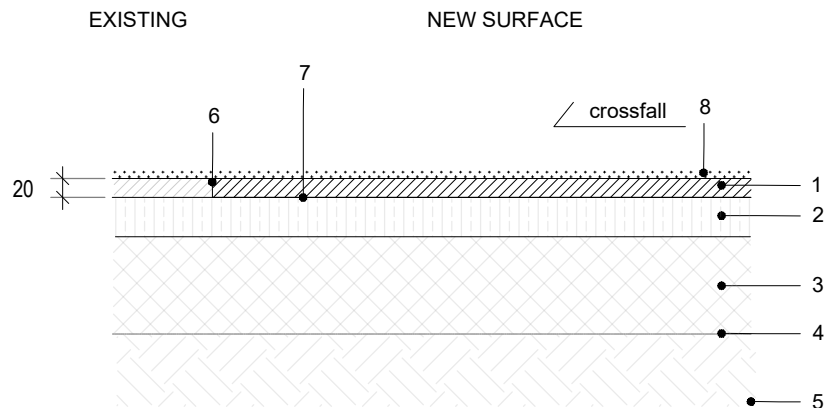


Drawing Status		For Information	
Project:		Mount Noddy Park	
Drawing Title:		Surfacing & Edging - North West	
Client:		Mid Sussex District Council	
Scale:		1: 250 @ A2	
Date:		13.06.23	
Job No.:		23-739	
Drawing No.:		740-254	



S1 - ASPHALT , T.S.C DRESSING TO EXISTING PATHS
Scale 1:10

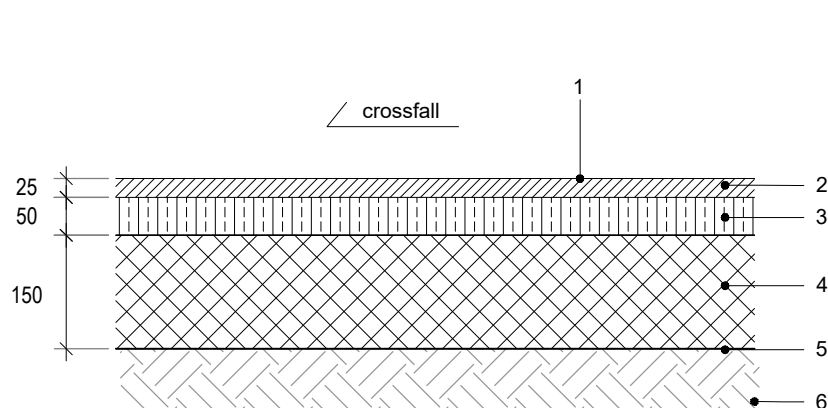
1. **Tar Spray and Chip:** Dressing of 2-5mm buff aggregate rolled into hot bitumen binder



S2 - ASPHALT , NEW WEARING COURSE & T.S.C DRESSING
Scale 1:10

1. **Wearing course:** 20mm AC 6 dense surf 100 / 150 to BS EN 13108-1 to engineers detail. 0-25mm asphalt concrete 6mm dense surf 100 / 150 as regulating to suit levels on bond coat
2. **Existing Binder course (assumed):** to be inspected
3. **Existing Sub-base (assumed):** to be inspected
4. **Geotextile Layer (assumed):** to be inspected
5. **Sub-grade (assumed):** to be inspected
6. **Cut :** Saw cut to existing surface course. Vertical face to be primed with bitumen prior to resurfacing
7. **Plane :** Existing footway planed to give full surface course depth
8. **Tar Spray and Chip:** Dressing of 2-5mm buff aggregate rolled into hot bitumen binder

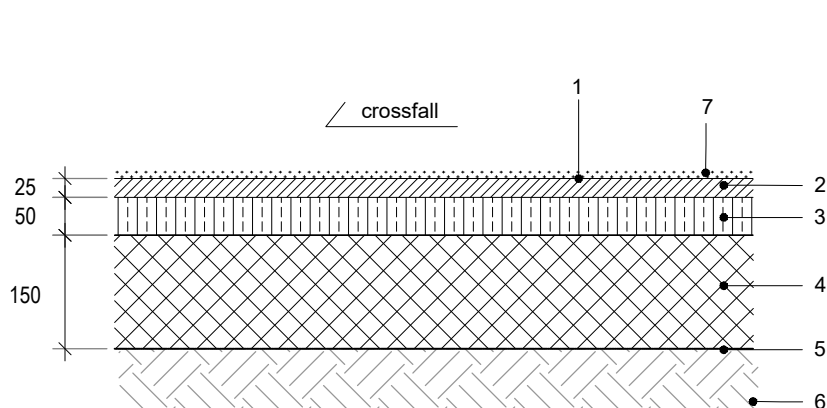
Note: Following surfacing works, allow for spreading imported topsoil, of good quality, with a light texture conforming to BS3882, to margins and grass seeding to reconcile levels and achieve uniform appearance to path edges.



S3 - ASPHALT , FULL BUILD-UP (Pedestrian Grade)
Scale 1:10

1. **Tar Spray and Chip:** Dressing of 2-5mm buff aggregate rolled into hot bitumen binder
2. **Wearing course:** 25mm AC 6 dense surf 100 / 150 to BS EN 13108-1 to engineers detail
3. **Binder course:** 50mm AC 20 dense bin 100 / 150 to BS EN 13108-1 to engineers detail
4. **Sub-base:** 150mm depth compacted MOT Type 1 sub-base to DOT Clause 803 (granite or limestone - recycled Type 1 not permitted) to engineers detail
5. **Geotextile Layer:** Terram 1000 (or equal approved) geotextile membrane on proof-rolled formation level/sub-grade to engineers detail
6. **Sub-grade:** Well compacted & proof-rolled formation level/sub-grade to engineers detail

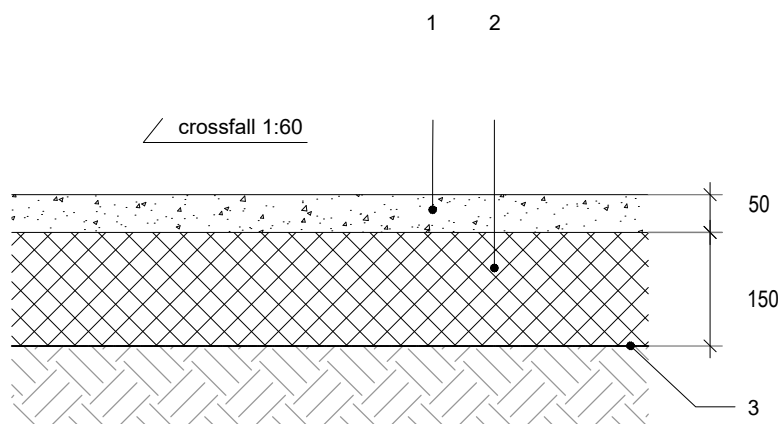
Note: Following surfacing works, allow for spreading imported topsoil, of good quality, with a light texture conforming to BS3882, to margins and grass seeding to reconcile levels and achieve uniform appearance to path edges.



S4 - ASPHALT , FULL BUILD-UP (Pedestrian Grade)
Scale 1:10

1. **Tar Spray and Chip:** Dressing of 2-5mm buff aggregate rolled into hot bitumen binder
2. **Wearing course:** 25mm AC 6 dense surf 100 / 150 to BS EN 13108-1 to engineers detail
3. **Binder course:** 50mm AC 20 dense bin 100 / 150 to BS EN 13108-1 to engineers detail
4. **Sub-base:** 150mm depth compacted MOT Type 1 sub-base to DOT Clause 803 (granite or limestone - recycled Type 1 not permitted) to engineers detail
5. **Geotextile Layer:** Terram 1000 (or equal approved) geotextile membrane on proof-rolled formation level/sub-grade to engineers detail
6. **Sub-grade:** Well compacted & proof-rolled formation level/sub-grade to engineers detail

Note: Following surfacing works, allow for spreading imported topsoil, of good quality, with a light texture conforming to BS3882, to margins and grass seeding to reconcile levels and achieve uniform appearance to path edges.



S5 - BREEDON GRAVEL, FULL BUILD-UP (Pedestrian Grade)
Scale 1:10

1. **Gravel:** 50mm finished compacted thickness of Breendon Golden Amber Gravel, with 1:60 crossfall.
2. **Sub-base:** 200mm depth compacted compacted MOT Type 1 sub-base to DOT, Clause 803 (granite or limestone - recycled Type 1 not permitted) to engineers detail.
3. Terram 1000 geotextile membrane on proof-rolled formation level/sub-grade to engineers detail

Breedon gravel manufacturers laying instructions:

Stage 1:

- Lay Type 1 sub-base and fully compact using 1.5 minimum tonne roller to cambers in order to shed water off path, 8% camber.
- Spread 75mm depth Breendon Golden Amber Gravel in order to achieve a finished compacted thickness of 50mm. Use material when it is sufficiently moist to allow compaction, but not overly damp that it oozes out from roller.
- Roll surface with roller, using vibratory action until compaction is achieved.
- Where coarse areas are visible, repeat process by spreading Breendon fines and compact using roller.

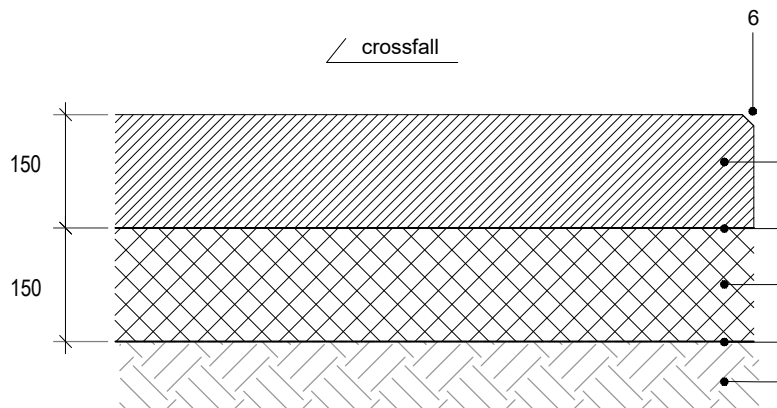
Once uniform appearance has been achieved the second stage can be undertaken. This is the water rolling of Breendon gravel for which the vibratory action of the roller must be switched off.

Stage 2:

- Continue compacting and rolling using water roller. Note, sufficient water must be used used to prevent gravel sticking to the drum of the roller. This can be rectified by directing water onto roller to fully saturate drum, but care must be taken to avoid direct contact with Breendon, which would result in washing out the fines necessary to bind the material. The object of water rolling this material is to float sufficient fines to the top surface of the gravel to obtain a well-bonded finish.
- If there are any lines or grooves in the gravel left by the weight of the roller, a soft wide broom can be used to gently pass over the surface whilst still wet – this will remove any lines and leave a perfect surface finish.

Stage 3:

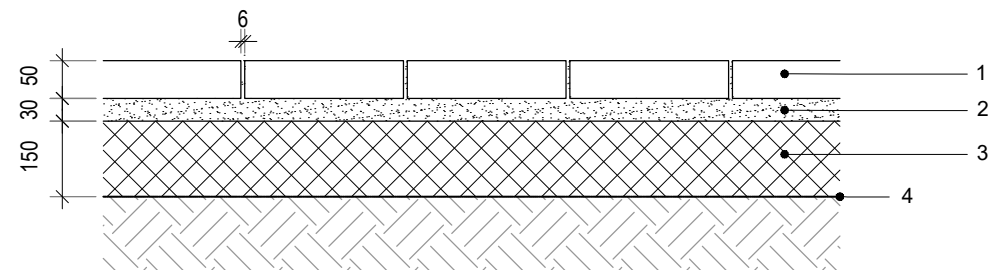
- It is important that the area should then be allowed to dry out before being opened up to general use, the length of time to allow is dependent on weather conditions, but this can take up to 2 weeks.



S6 - CONCRETE , FULL BUILD-UP (Pedestrian Grade)
Scale 1:10

1. **Concrete :** C30 / PAV1 concrete surface 150mm deep. 2 layers of A393 steel reinforcement mesh to BS 4483 strength grade B500a min cover 40mm and lap 350mm and dowels (to engineers detail)
2. **Polythene Sheet :** For costing allow for DPM Polythese sheet separation membrane 1200 guage, overlap edges by 300mm DTM to be laid onto a 30-50mm sand bed (to engineers detail)
3. **Sub-base:** 150mm depth compacted MOT Type 1 sub-base to DOT Clause 803 (granite or limestone - recycled Type 1 not permitted) to engineers detail
4. **Geotextile Layer:** Terram 1000 (or equal approved) geotextile membrane on proof-rolled formation level/sub-grade to engineers detail
5. **Sub-grade:** Well compacted & proof-rolled formation level/sub-grade to engineers detail
6. **Finish:** Even and consistent 'lightly' brushed finish to full edge. Concrete to be finished with a 15mm chamfer

Note: Following surfacing works, allow for spreading imported topsoil, of good quality, with a light texture conforming to BS3882, to margins and grass seeding to reconcile levels and achieve uniform appearance to path edges.



S7 - CHELMER VALLEY CLAY PAVERS
Scale 1:10

1. **Paving:** Chelmer Valley Romsey Antique Brick Pavers 210 x 100 x 50mm, Class FP100. Laid half staggered bond.
2. **Bedding layer and jointing:** 30mm sharp sand and kiln dried sand brushed into joints.
3. **Sub-base:** 150mm depth compacted compacted MOT Type 1 sub-base to DOT, Clause 803 (granite or limestone - recycled Type 1 not permitted).
4. Terram 1000 geotextile membrane on proof-rolled formation level/sub-grade.



Chelmer Valley Romsey Antique Brick Pavers
T: 012775 90900, www.chelmervalley.co.uk

NOTES

This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the Landscape Architects.

Do not scale from this drawing.

The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the Landscape Architects immediately.

The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates, British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of Practice and Regulations in respect of Health & Safety.

Rev	Date	By	Description	Ckd
-----	------	----	-------------	-----



Drawing Status

For Information

Project:

Mount Noddy park

Drawing Title:

Technical Details -
Surfacing & Edging
[S1/S2/S3/S4/S4/S6/S7]

Client:

Mid Sussex District Council

Scale:

as shown @ A2

Date:

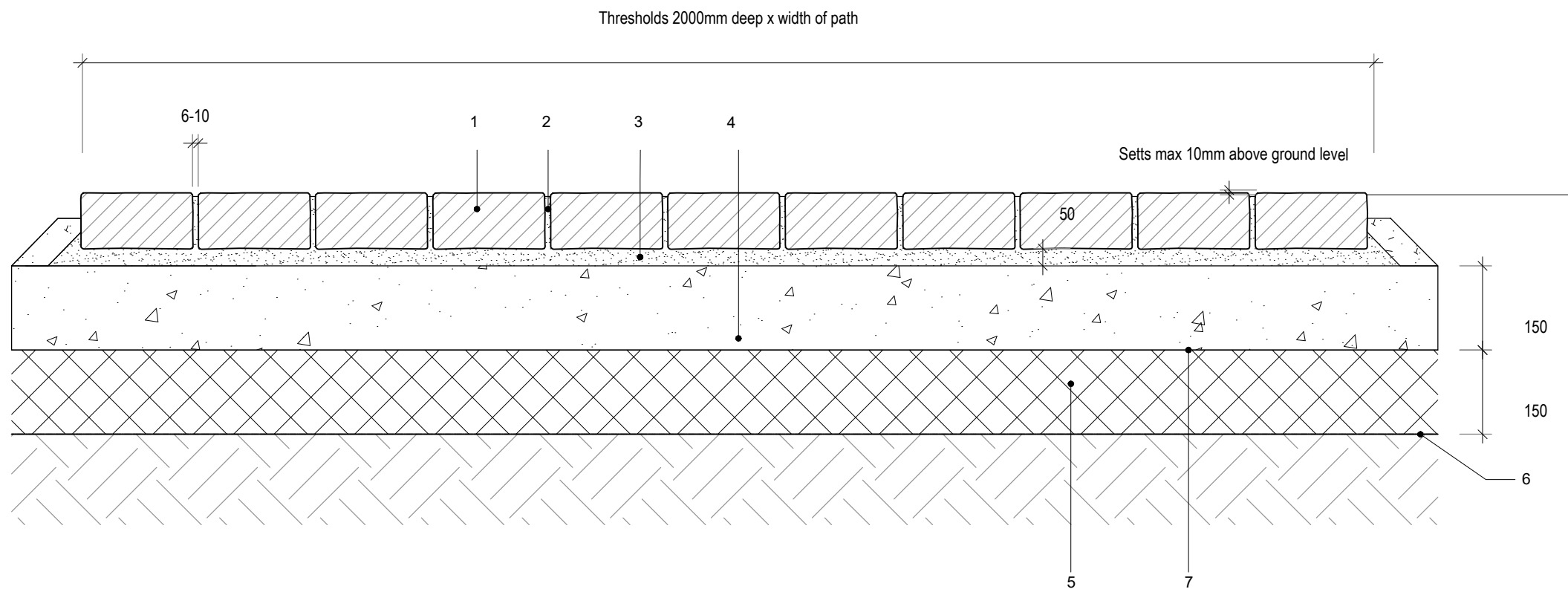
14.06.23

Job No.:

23-740

Drawing No.:

740-362

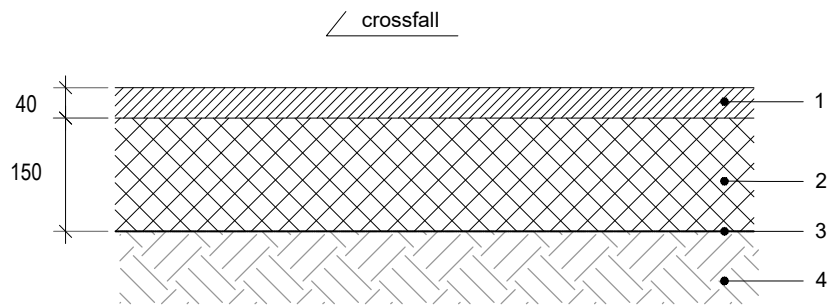


S8 - GRANITE SETTS, FULL BUILD-UP (Vehicular Grade)
Scale 1:20

- Setts:** 200 x 100 x 100mm, flamed and lightly tumbled pink grey granite setts by CED Quarries 'Grampian Granite' or equal approved. Apply Parex Bond Plus Priming Mortar 'scub coat' to improve adhesion.
- Jointing:** 10mm Parex pre-mixed mortar joints (Parex 'Mid Grey' - TBC), 2mm below surface level.
- Bedding layer:** 50mm Parex Granatech FBC mortar bed.
- Foundation:** 150mm C30 concrete slab and haunching (to engineers detail)
- Sub-base:** 150mm depth compacted compacted MOT Type 1 sub-base to DOT, Clause 803 (granite or limestone - recycled Type 1 not permitted) to engineers detail
- Terram 1000 geotextile membrane on proof-rolled formation level/sub-grade to engineers detail
- Polythene Sheet :** For costing allow for DPM Polythene sheet seperation membrane 1200 guage, overlap edges by 300mm DTM to be laid onto a 30-50mm sand bed (to engineers detail)

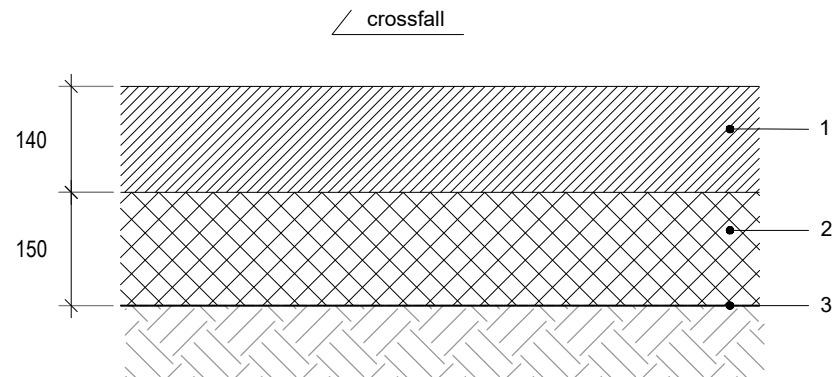


Note:
Granite setts to be laid to finish and workmanship suitable for disabled access.



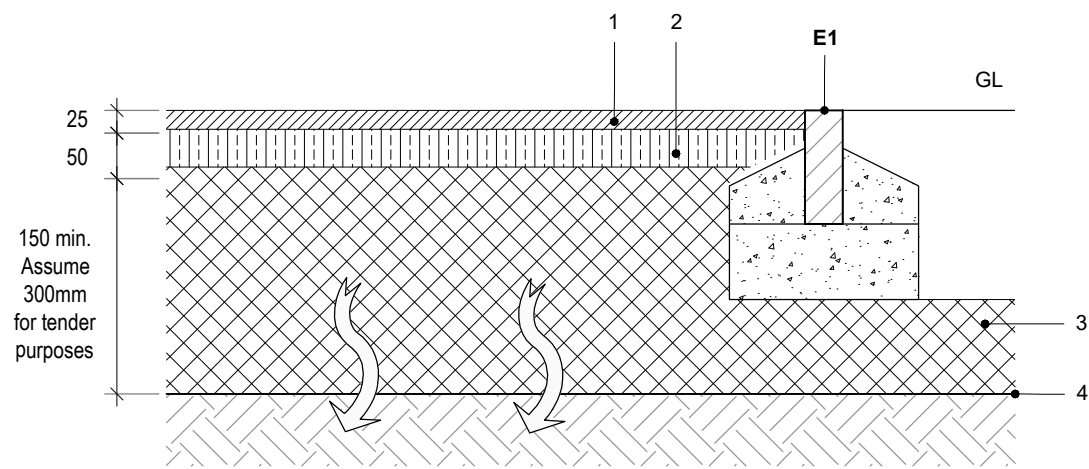
S9 - Wetpour
Scale 1:10

- Safety surface:** RTC Wet Pour, EPDM wearing course. For depth refer to details
- Sub-base:** Existing, regraded / reduced as required. Contractor / engineer to inspect.
- Geotextile Layer:** Existing
- Sub-grade:** Existing



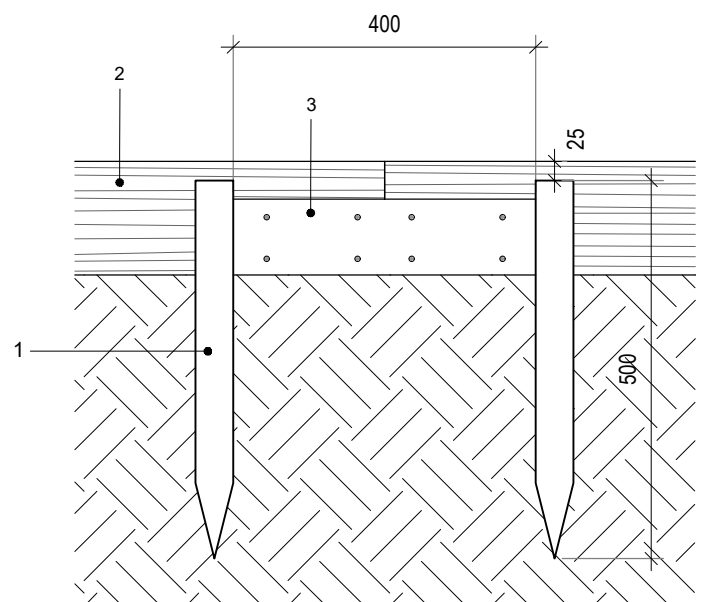
S10 / S11 - Tiger Mulch,
Scale 1:10

- Safety surface:** Tiger Mulch by Redlynch Leisure Ltd (installed by approved supplier to manufacturers instructions) Depth to be adjust to suit each play equipment CFH as Contractors Design. Contractor to submit proposals. Refer to Tiger Mulch Build Up Dwgs for costing allowance.
- Sub-base:** 150mm depth compacted MOT Type 1 sub-base to DOT Clause 803 (granite or limestone - recycled Type 1 not permitted) to engineers detail
- Geotextile Layer:** Terram 1000 (or equal approved) geotextile membrane on proof-rolled formation level/sub-grade to engineers detail
- Sub-grade:** Well compacted & proof-rolled formation level/sub-grade
- Edging :** Unless otherwise identified to be laid to new edging, Tiger Much to be finished with a 'toe' and rolled into adjacent grass (to suppliers detail) for costing purposes assume 150 x 150mm toe along grass edges. Contractor to confirm final detail as part of CDP



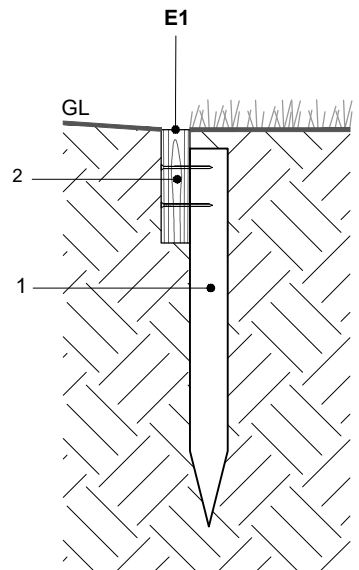
S12 - MUGA play surfacing (pourous macadam), NEW WEARING COURSE
Scale 1:10

- Surface layer:** Plane off existing MUGA wearing course. Relay proprietary permeable SMA basketball court surface, Tarmac Ultiplay/Ultisport (or equivalent) as advised by specialist to CA approval.
- Existing Binder course (assumed) :** 50mm permeable binder course to specialist specification to complement Tarmac Ultiplay/Ultisport or equivalent. Contractor to confirm on site
- Existing Sub-base (assumed) :** Min. 150mm permeable sub-base of 10-63mm graded stone complying with BSEN 13242. Contractor to confirm on site
- Existing Geotextile (assumed) :** Terram 1000 geotextile membrane on proof-rolled formation level/sub-grade



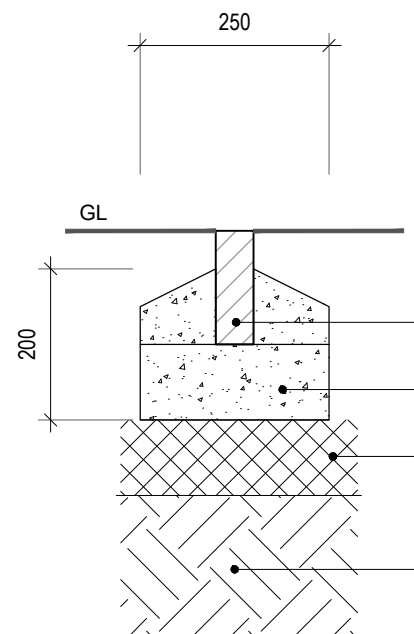
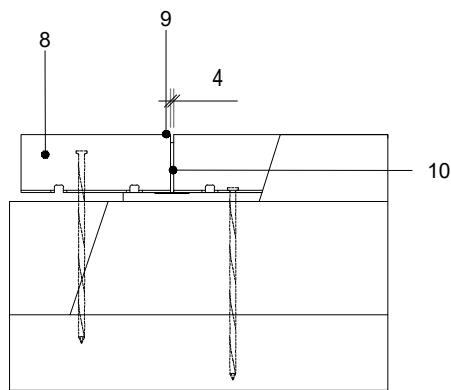
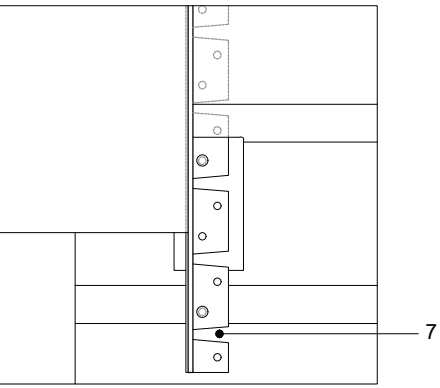
E1 - TIMBER EDGING
Scale 1:10

- Edging:** 150 x 38mm treated softwood boards attached to timber stakes piece with 75mm stainless steel woodscrews at 1m centres.
- Fixings:** 100 x 50 x 500mm (L x B x H) pointed, treated softwood stakes spaced at max. 1m centres (straight or gently curved sections) or 0.5m centres (radiused sections) to achieve 'sweet' curves and ensure edging does not bow. Stakes must finish 25mm min. below board/ground level and not be visible following making good.
- Connector boards:** 400 x 100 x 25mm treated softwood board to attached to edging with 50mm stainless steel woodscrews.



E2 - METAL EDGING LAID FLUSH
Scale 1:10 (Typical Detail)

- Compacted grade (adjacent to restraint)
- Compacted basecourse (extending 150mm beyond restraint)
- Subgrade
- Steel spiral fixing stake at regular intervals



E3 - PCC FLAT-TOP EDGING
Scale 1:10 (Typical Detail)

- Edging:** 150 x 50 x 915mm (L x B x H) Marshalls Flat Top PC Edging Kerb, 2-3mm dry joints
- Foundation:** 250 x 200mm (B x H) bedded on wet concrete and haunched on both sides in Class ST2 concrete to BS 8500 of 'very low workability'.
- Sub-base:** Compacted MOT Type 1 sub-base to DOT, Clause 803 (granite or limestone - recycled Type 1 not permitted). Depth to match surfacing.
- Proof rolled formation level/subgrade

NOTES

This drawing is Copyright and shall not be produced nor used for any other purpose without the written permission of the Landscape Architects.

Do not scale from this drawing.

The Contractor is responsible for checking all dimensions on site and report any discrepancies, errors or omissions to the Landscape Architects immediately.

The Contractor shall ensure that all goods, materials and workmanship conform with current British Agreement Certificates, British Standards and Building Regulations, and ensure that all works are executed in full compliance with all current Codes of Practice and Regulations in respect of Health & Safety.

Rev	Date	By	Description	Ckd
-----	------	----	-------------	-----



Drawing Status		N
For Information		4
Project:		Mount Noddy park
Drawing Title:		Technical Details - Surfacing & Edging [S8/S9/S10/S11S/12-E1/E2/E3]
Client:		Mid Sussex District Council
Scale:	as shown @ A1	Job No.: 23-740
Date:	14.06.23	Drawing No.: 740-363