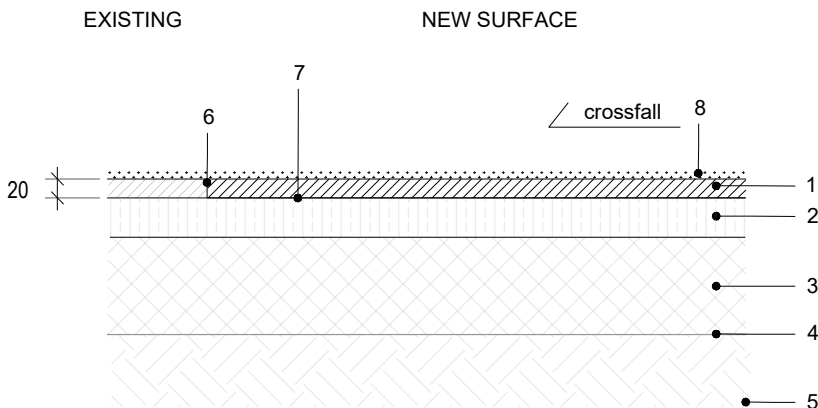




S1 - ASPHALT , T.S.C DRESSING TO EXISTING PATHS
Scale 1:10

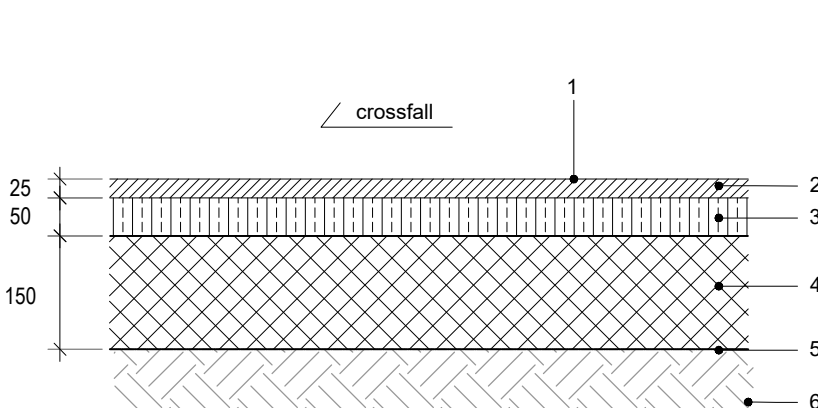
1. **Tar Spray and Chip:** Dressing of 2-5mm buff aggregate rolled into hot bitumen binder



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 and regulated
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

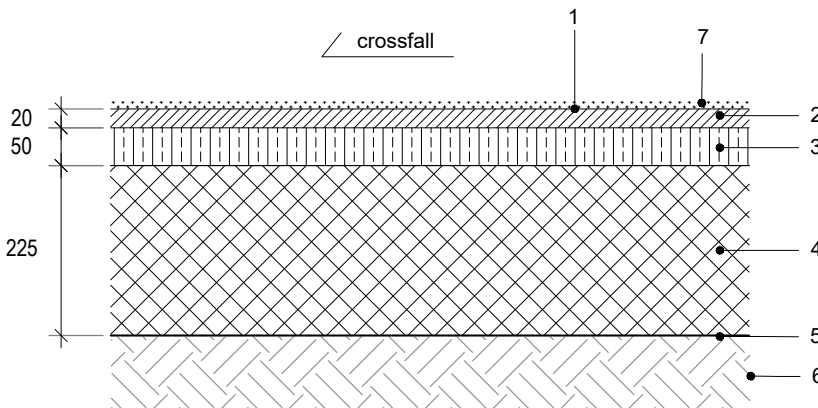
Note: Following surfacing works, allow for spreading imported topsoil, of good quality, with a light texture conforming to BS3882, to margins and grass seeding to reconcile levels and achieve uniform appearance to path edges.



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

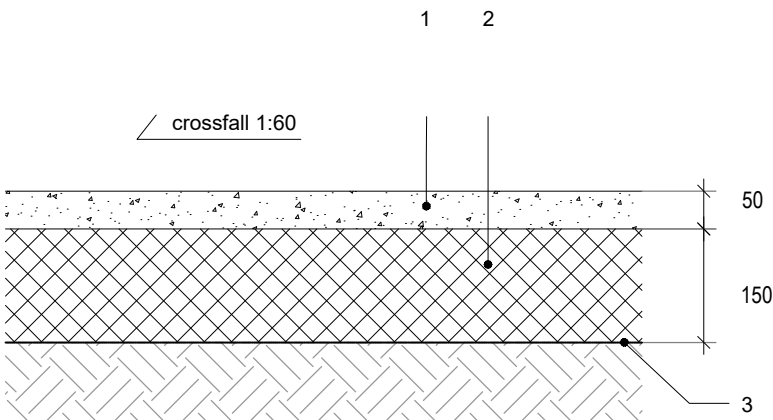
Note: Following surfacing works, allow for spreading imported topsoil, of good quality, with a light texture conforming to BS3882, to margins and grass seeding to reconcile levels and achieve uniform appearance to path edges.



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:** 20mm AC 6 dense surf 100 / 150 to BS EN 13108-1 to engineers detail
3. **Binder course:** 50mm AC 20 dense bin 40 / 60 to BS EN 13108-1 to engineers detail
4. **Sub-base:** 225mm 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 Breedon 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 Breedon fines and compact using roller.

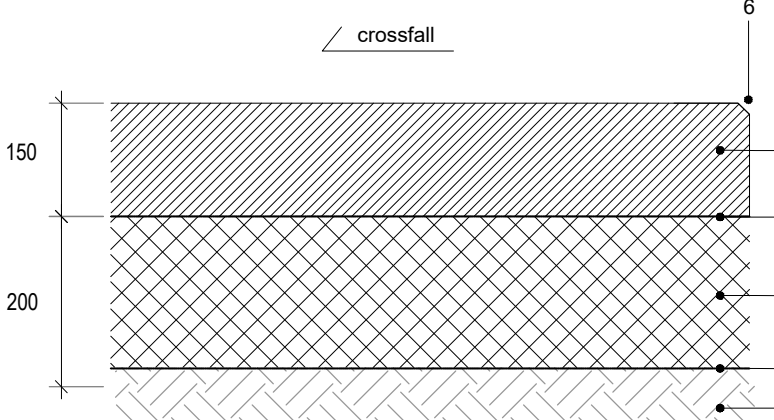
Once uniform appearance has been achieved the second stage can be undertaken. This is the water rolling of Breedon gravel for which the vibratory action of the roller must be switched off.

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 Breedon, 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:

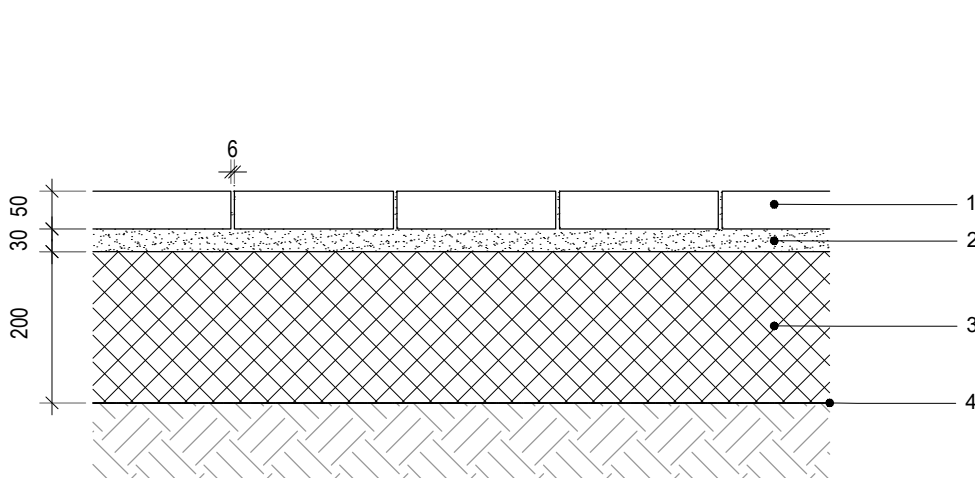
- It is important that the area should then be allowed to dry out before being opened up to general use, the length of time to allow is dependent on weather conditions, but this can take up to 2 weeks.



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 Polythene 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:** 200mm 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:** 200mm 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

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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
A	14.05.24	MS	Details amended following Engineers comments	JP



Drawing Status	N
For Planning	4
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