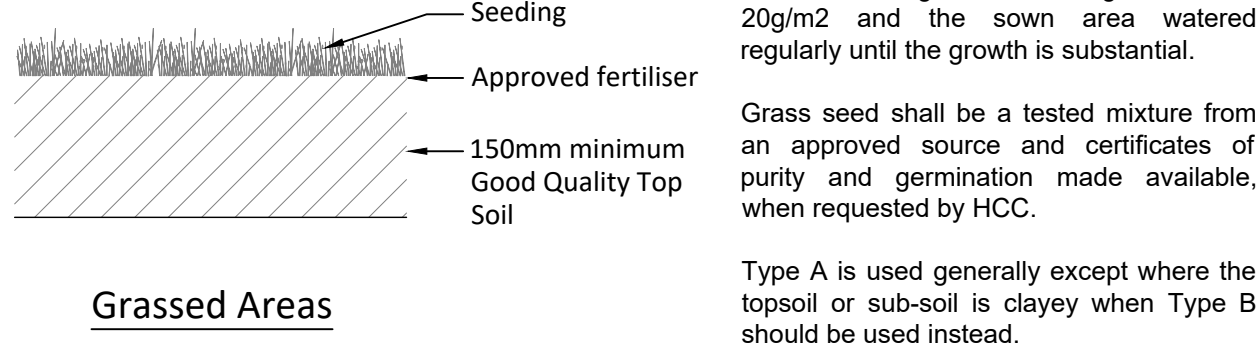
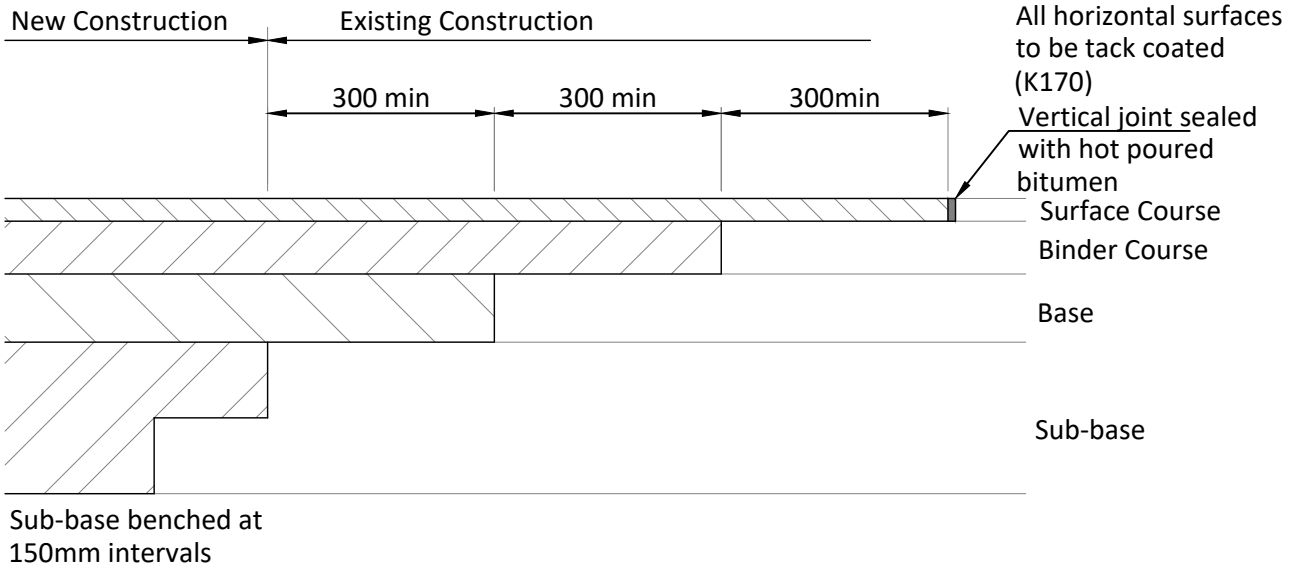
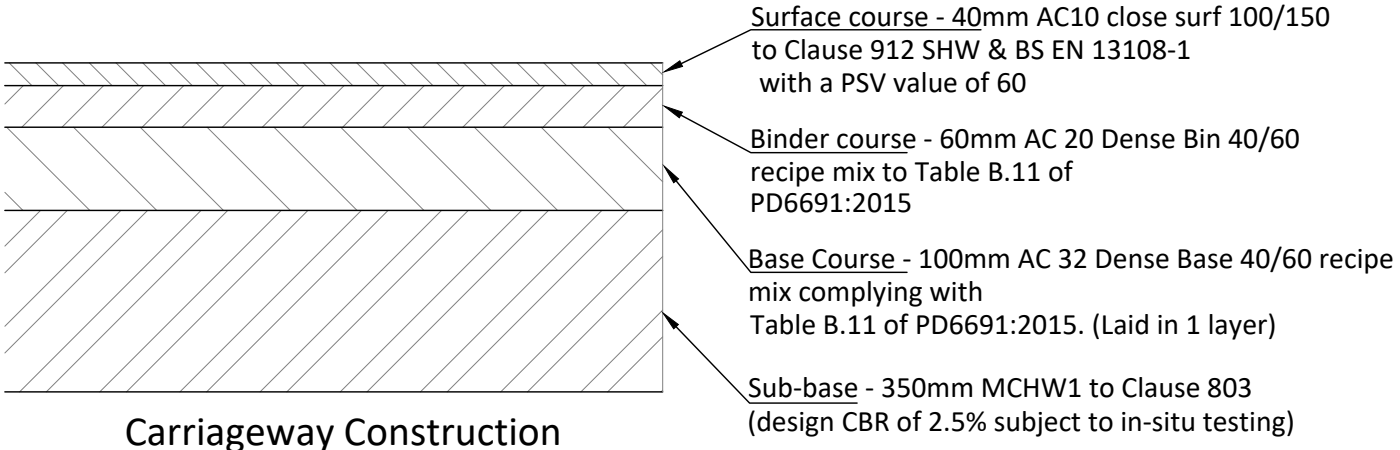


- ### NOTES
- These drawings have been produced with reference to the CDM Regulations 2015. Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.
- The residual risks identified on the DRA / drawings are based on the information available at the time of design.
- Any services information indicated on PJA drawings is obtained from third parties, and is given for guidance purposes only. The exact location of any services will need to be verified by the client / contractor before commencing works on site.
- This drawing is to be read in conjunction with all other relevant Engineering and Architect's details.
 - Do not scale from this drawing.
 - Dimensions in metres unless stated otherwise.
 - All work is to be carried out in accordance with current British Standards, Building Regulations and NHBC Standards.
 - The Engineer shall be notified immediately, in writing, should any errors or discrepancies be found prior to the commencement or continuation of any works.
 - Works to be carried out in accordance with Hertfordshire's 'Roads in Hertfordshire: Highway Design Guide 3rd Edition, Section 5 – The Specification for Highway Work'.
 - All Statutory Undertakers, including cable television companies, must be contacted prior to commencing any works to ascertain the location and depth of their apparatus. In the event of any protection or diversionary works being necessary to their apparatus then any costs incurred will be the contractors responsibility both for arranging and any payment.
 - The Contractor shall provide, erect and maintain such traffic signs, lamps, barriers and traffic control signals, and such measures may be necessitated by the construction of the works in accordance with the recommendations contained in Chapter 8 of the Traffic Signs Manual.
 - The developer and contractor shall confirm they are working in accordance with NJUG Volume 1 Guidelines on the Positioning and Colour Coding of Underground Utilities' Apparatus and Volume 2 Guidelines on the Positioning of Underground Utilities Apparatus for New Development Sites.
 - All substrate structures and unconsolidated material within the construction width of the highway, are to be removed.
 - Hand laying of bituminous materials is not permitted on adoptable carriageway.
 - If sub-grade material is frost susceptible the full carriageway construction thickness is to be no less than 450 mm.
 - The developer shall take CBR test of road formation levels and results to be made available to the Engineer for approval.
 - If CBR values are less than 2.5% then the advice of the Engineer must be sought.
 - This drawing is subject to approval by the adopting local authority, any works undertaken prior to granting of approval is carried out at risk to others.
 - Before work commences the contractor should liaise with all statutory undertakers to determine the exact locations of all apparatus and take all precautions deemed necessary to locate, protect and where necessary divert such equipment.
 - All highway works are to be carried out to the requirements and full satisfaction of the Adopting Local Authority.
 - Tarmac road construction to comply with BS.EN.130108.
 - Safe passage for pedestrians shall be maintained at all times during the construction period.
 - Any soft spots discovered after proof rolling shall be removed and replaced with suitable engineering fill.
 - New road levels to tie in smoothly with existing road levels to be confirmed prior to construction and reported to the Engineer.
 - All materials are to be manufactured and laid in accordance with 'Roads in Hertfordshire: Highway Design Guide 3rd Edition, Chapter 8 – Road Pavements - General (Series 700), 8.1. Appendix 7/1: Permitted Pavement Options'.
 - The thickness of sub-base required depends on the CBR value of the sub-grade and whether a capping layer has been provided.
 - Verge placement and seeding to be watered and maintained through to establishment in accordance with HCC guidance.
 - Construction details NTS
 - Internal layout being designed by others and has been shown indicatively for context.
 - The drawing has been produced to to form part of the S278 package of drawings.
 - Residual risk items not shown - to be reviewed as project information becomes available and incorporated in to the design and added to drawing prior to technical submission.
 - Any existing details which are shown on this drawing are for guidance only and are to be checked on site by the contractor. Any variations are to be recorded and reported to the engineer immediately.

Carriageway Sub-Base and Capping Thickness		
CBR%	Capping (mm)	Sub-base (mm)
Less than 2.5%	600	150
2.5 - 5.0%	-	350
	350	150
5.0 to 15%	-	225
15 to 30%	-	150
More than 30%	-	-



	Type A	Type B
Smooth Stalk Meadow Grass (Poa pratensis)	28%	57%
Creeping red fescue (Festuca rubra rubra)	28%	33%
Chewings fescue (Festuca rubra commutata)	28%	0%
Browntop (Agrostis tenuis)	9%	4%
White clover (S.100)	7%	6%

Sources Of Information

Name	File Reference	Produced By	Received From
Topo Survey	36165_T_REVA	Green Hatch (March 2020)	Amaravati Developments Ltd (8th July 2022)
Utility and Drainage Survey	36165_T_UG_RE V0	Green Hatch (March 2020)	Amaravati Developments Ltd (8th July 2022)
Masterplan	195 Rev A-Sala Area Site Plan	Ecoarc (26th April 2022)	Amaravati Developments Ltd (8th July 2022)
Arboricultural Assessment	220510 Phase 65 Sala	Temple (10th May 2022)	Amaravati Developments Ltd (8th July 2022)
Highway Boundary	Amaravati Buddhist Monastery, St Margarets, Great Gaddesden	Hertfordshire CC (September 2022)	Linda Loftin - Hertfordshire CC (26th Sept 2022)

Until Technical Approval has been obtained from the relevant Local Authorities or Statutory Bodies, it should be understood that all drawings are issued as preliminary and NOT for Construction. Should the Contractor and / or Employer commence work prior to approval being given, it is entirely at their own Risk

KEY

- Highway Boundary
- Alignment Channel/Kerbline
- Resurfacing Works
- Tie in Construction
- Full Depth Carriageway Construction
- Proposed Grassed Verge
- Water Main taken from GPR Survey

REV	DATE	REVISION NOTE	BY
A03	09.02.23	Updated to HCC comments	JAL
A02	06.02.23	Updated to HCC comments	JAL
A01	08.09.22	First issue	JAL

PJA

CLIENT

Seven House - High Street
Longbridge - Birmingham
B31 2UQ - Tel: 0121 475 0234

Birmingham - Bristol
Exeter - London - Reading
pja.co.uk

Amaravati Developments Limited

PROJECT

Amaravati Buddhist Monastery, S278

DRAWING TITLE

Pavement Construction

DRAWING

APPROVED

PJA JOB

06557-CI- A - 0700 - A03

Revision Letter: P - Prelim / A - Approval / T - Tender / C - Construction

SEND DRAWING REFERENCE

SCALE	DRAWN	REVIEWED	DATE
AI @ 1:100	JAL	AN	08.09.22