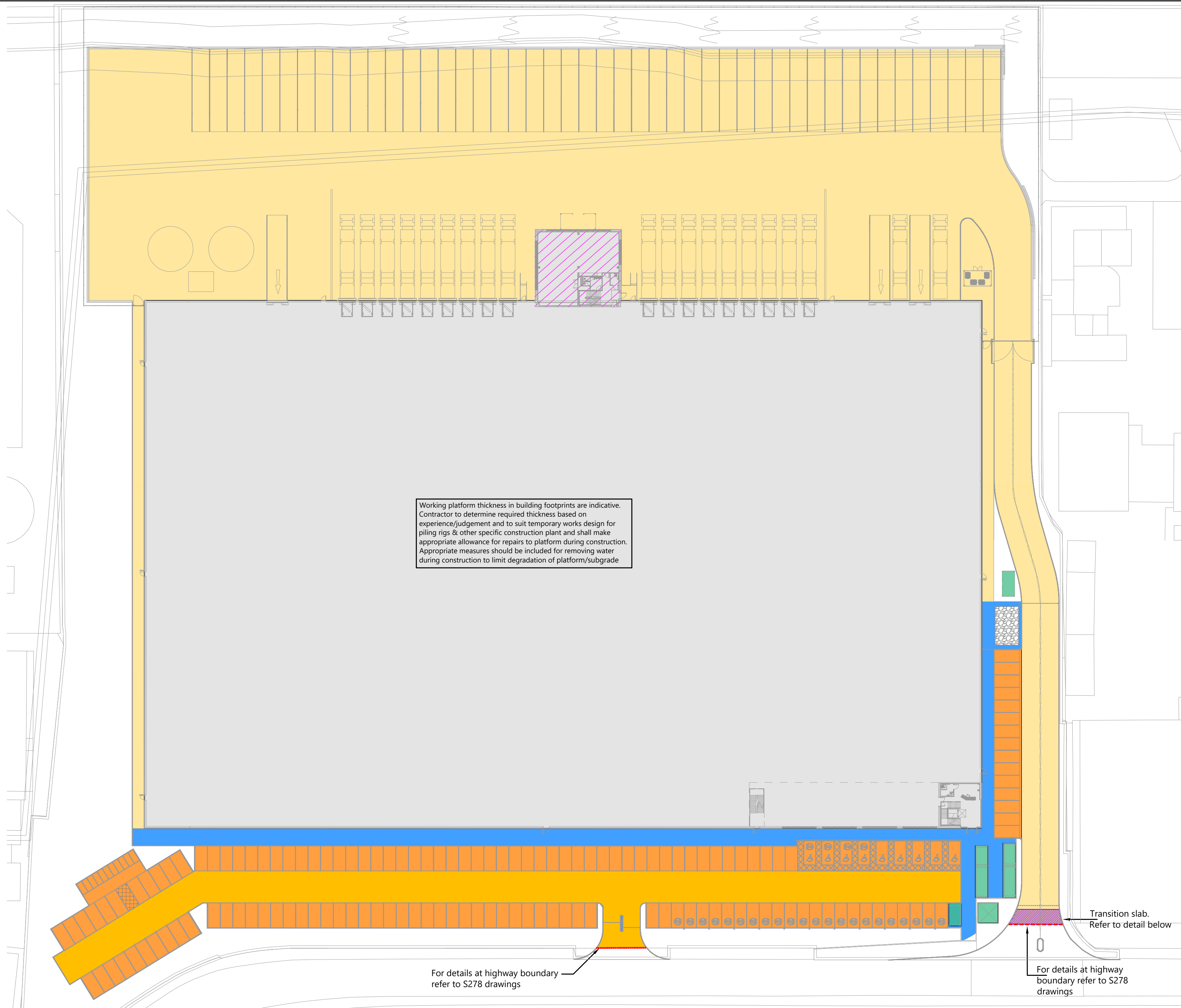




Working platform thickness in building footprints are indicative. Contractor to determine required thickness based on experience/judgement and to suit temporary works design for piling rigs & other specific construction plant and shall make appropriate allowance for repairs to platform during construction. Appropriate measures should be included for removing water during construction to limit degradation of platform/subgrade

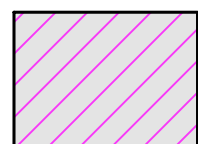
For details at highway boundary refer to S278 drawings

Transition slab. Refer to detail below
For details at highway boundary refer to S278 drawings



Warehouse Slab:

190mm (provisional, TBC by sub-contractor) concrete slab on, 1200 gauge membrane, on 100mm type 1, on 350mm 6F (provisional, see working platform note)



Office Slab:

150mm concrete slab on 1200 gauge membrane (or gas membrane if required), on insulation (where specified by Architect), on 100mm type 1, on 350mm 6F (provisional, see working platform note)



External Service Yard:

190mm thick Grade RC40/50XF concrete slab reinforced with 1 layer A252 fabric typically (75mm top cover, 400mm laps), on 1200 gauge polyethylene membrane, on 250mm type 1 sub-base on geotextile (where in cut)



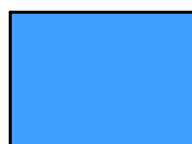
External Concrete Bases:

300mm concrete slab with 2 layers of A393 mesh (1 top, 1 bottom, 75mm cover, 400mm laps), on 250mm Type 1 sub-base



Car Parking Bays:

100mm asphalt layers to BGL Specification Q20/Q22, on 250mm Type 1 sub-base, on geotextile (where in cut)



Footpath Areas:

65mm block paving to architects details, on 30mm sand bedding layer, on min 150mm type 1 sub-base



Car Parking Aisle:

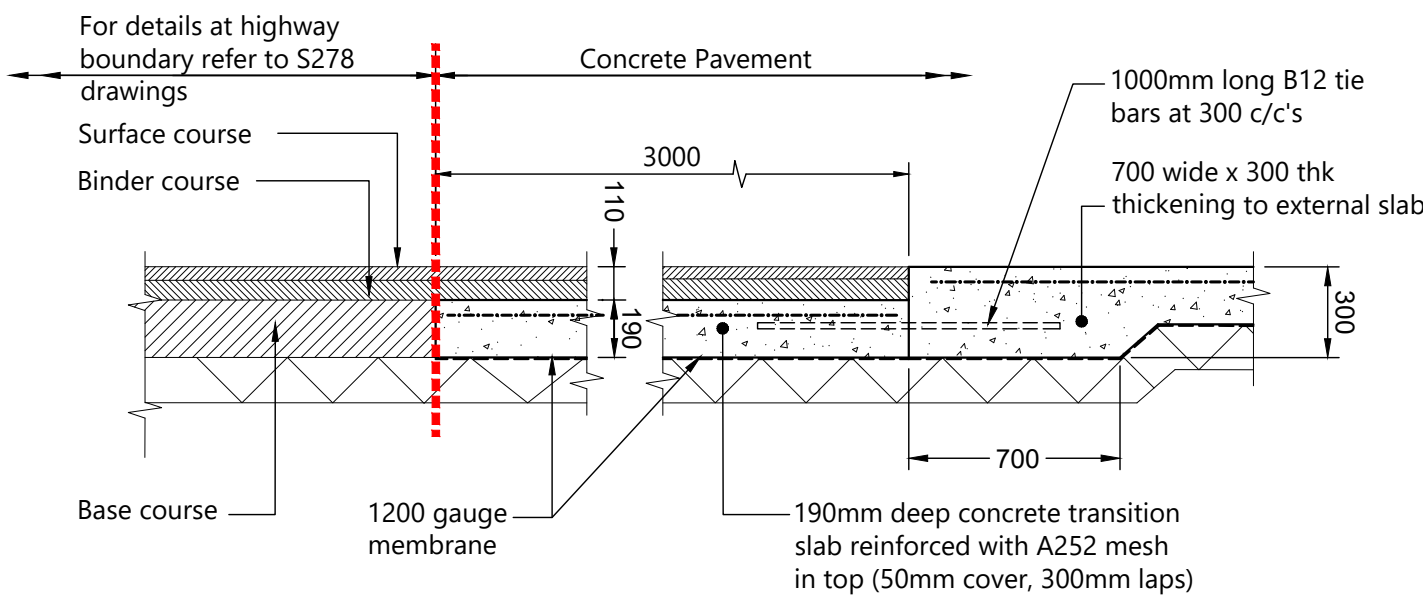
80mm block paving to architects details on 30mm clean stone(2-5mm) bedding layer on 250mm Type 1 sub-base, on geotextile (where in cut)



Transition slab Surface Course:

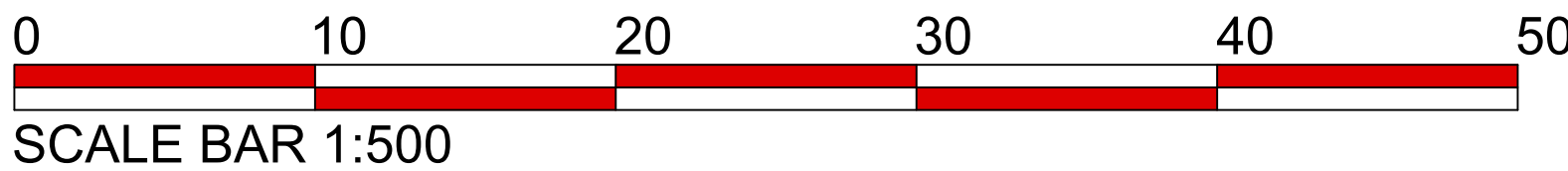
110mm asphalt layers on Concrete transition slab as per detail
Surface course: 50mm hra 35/14 f surf 40/60 des (14/20mm pre-coated chippings). Binder course: 60mm ac20 dense bin 100/150 to en 13108-1

External pavement designs based on assumed minimum CBR of 3%. (TBC by plate load tests during construction. Removal of soft spots and re-engineering/proof rolling of sub-grade may be required to achieve this in cuts areas).



SECTION THROUGH TRANSITION SLAB BETWEEN CONCRETE SERVICE ROAD & HIGHWAY BOUNDARY

(Scale 1:25)



THIS DRAWING IS THE COPYRIGHT OF BURROWS GRAHAM LIMITED.			
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING			
CONSTRUCTION			
MAINTENANCE			
DEMOLITION			
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT			
General Notes: 1. This drawing shall be read in conjunction with all the relevant Architects, Engineers' and Service Engineers drawings & specifications.			

P03	19.06.25	AJ	Block paving shown to car park aisle	RTJ
P02	18.06.25	AJ	Updated to suit latest Architects layout. Transition slab detail added.	RTJ
P01	31.01.25	HN	Preliminary Issue	MG
REV	DATE	BY	REVISION	CHKD

Burrows Graham

North Office:
5 Ambassador Place, Stockport Road,
Altrincham WA15 8DB
Tel: +44 (0)161 804 8046
South Office:
Buckland House, Dower Mews,
High Street, Berkhamsted HP4 2BL
Tel: +44 (0)161 804 8046

CLIENT
GRAFTONGATE

PROJECT
PENRHYN ROAD, MERSEYSIDE KNOWSLEY BUSINESS PARK

DRAWING TITLE
SLAB AND PAVEMENT SPECIFICATIONS

OUR PROJECT NUMBER 21065	DRAWING STATUS PRELIMINARY	OFFICE NORTH
SCALE @ A1 1:500	DATE 31.01.2025	DRAWN BY HN
DRAWING No 21065-BGL-XX-XX-DR-S-00215	CHECKED BY MG	REV P03