



- NOTES
- 1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
 - 2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS AND LOCAL AUTHORITY GUIDANCE
 - 3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS
 - 4) CARRIAGEWAY CONSTRUCTION SHOWN IS INDICATIVE ONLY. FINISHED CONSTRUCTION TO BE DETERMINED AFTER APPROPRIATE GROUND INVESTIGATIONS.
 - 5) CONTRACTOR TO UNDERTAKE CBR TESTS PRIOR TO START ON SITE TO CONFIRM SUB-BASE.
 - 6) VOIDS FORMED IN THE EXISTING CARRIAGEWAY BY REMOVAL OF KERBS, SHALL BE FILLED WITH CONCRETE MIX ST4.
 - 7) THE VERTICAL JOINT BETWEEN EXISTING AND NEW SURFACING SHALL BE PAINTED WITH 100 PEN BITUMEN.
 - 8) IN CORRESPONDENCE OF THE NEW ACCESS, WHERE EXISTING KERB IS TO BE REMOVED, THE EDGE OF EXISTING CARRIAGEWAY TO BE SAW CUT BACK 300MM TO SOUND FACE OR AS DIRECTED BY THE ENGINEER.
 - 9) A PEDESTRIAN ROUTE THROUGH THE WORKS SHALL BE MAINTAINED AT ALL TIMES AND ABSOLUTELY DEFINED BY SUITABLE BARRIERS AND LIGHTS WHERE NECESSARY.
 - 10) THE CONTRACTOR IS OBLIGED TO OBTAIN NECESSARY ROAD OPENING NOTICES OR LICENSES PRIOR TO COMMENCEMENT OF THE WORKS.
 - 11) ALL STATUTORY UNDERTAKERS' COVERS AND FRAMES TO BE LOWERED TO SUIT NEW CARRIAGEWAY LEVELS PRIOR TO SURFACING.
 - 12) ALL PAVING DETAILS TO TIE INTO EXISTING.
 - 13) BEFORE PROCEEDING WITH THE CONSTRUCTION WORK, THE SETTING OUT LINES ARE TO BE AGREED WITH THE ENGINEER.
 - 14) NO LIMESTONE AGGREGATE TO BE USED WHERE BINDER COURSE MAY FORM A TEMPORARY RUNNING LANE TO PUBLIC VEHICLES.
 - 15) CARRIAGEWAY TIE IN TO BE STEPPED AT 500mm THROUGH BITUMINOUS LAYERS
 - 16) WHERE REQUIRED CONTRACTOR SHOULD REGULATE WITH BINDER COURSE.
 - 17) PHASE 2 GROUND INVESTIGATION REPORT BY REMADA GEOCONSULTANTS STATE CBR VALUES RANGE FROM 40-50% PAVEMENT DESIGN BASED ON 4% CBR VALUE. CONTRACTOR TO VALIDATE THIS ASSUMPTION PRIOR TO CONSTRUCTION

- KEY
- PAVEMENT REF C3
FULL CARRIAGEWAY CONSTRUCTION
 - PAVEMENT REF F1
FULL ASPHALT FOOTWAY CONSTRUCTION
 - PAVEMENT REF F2 ASPHALT FOOTWAY
RESURFACING PLANE 20mm AND LAY 20mm
AC6
 - 450 x 450mm BUFF COLOURED BLISTER
TACTILE PAVING (AS PER 250487-4000-001
TP01)
 - ASSUMED LIDL LAND BOUNDARY

REVISIONS			
REV	DESCRIPTION	DATE	BY
-	FIRST ISSUE	05/06/25	BT

SCP

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Client Name:

LIDL

Project Title:

LIDL GLAN LLYN

Drawing Title:

PAVEMENT CONSTRUCTION

Date:	05/06/2025	Drawn By:	BT
Scale:	1:250 @ A1	Checked:	EM
Status:	DETAILED DESIGN	Approved:	NC
Drawing No.	250487-0700-001		Rev.
			-

FULL CARRIAGEWAY CONSTRUCTION C1				
LAYER	SHW CLAUSE	MATERIAL	THICKNESS	SPECIAL REQUIREMENTS
SURFACE	910	HRA 35/14F SURF 40/60 WITH PRE-COATED 20mm CRIGGION CHIPPINGS (70% SHOULDER TO SHOULDER SPREAD RATE) MIN PSV 65	50mm	BS EN 13108-4
BINDER	929	AC20 DENSE BIN 40/60	60mm	BS EN 13108-1
BASE	906	AC32 DENSE BASE 100/150	150mm	BS EN 13108-1
SUB BASE	803	TYPE 1 GRANULAR	AS PER TABLE 4	BS EN 13285
CAPPING	613	CLASS 6F	AS PER TABLE 4	BS EN 13285

PAVEMENT TYPE F1 ASPHALT FOOTWAY CONSTRUCTION				
LAYER	SHW CLAUSE	MATERIAL	THICKNESS	SPECIAL REQUIREMENTS
SURFACE	909	AC6 DENSE SURF 100/150	20mm	BS EN 13108-1
BINDER	906	AC20 DENSE BIN 40/60 REC	50mm	BS EN 13108-1
SUB BASE	803	GRANULAR MATERIAL TYPE 1	100mm	BASED ON >2.5% CBR
GEOTEXTILE MEMBRANE	-	TERRAM 1000 OR SIMILAR APPROVED	N/A	WHERE POOR GROUND IS ENCOUNTERED, TO BE INSTRUCTED BY ENGINEER

PAVEMENT TYPE F2 PLANE OFF 20mm AND RESURFACE				
LAYER	SHW CLAUSE	MATERIAL	THICKNESS	SPECIAL REQUIREMENTS
SURFACE	909	AC6 DENSE SURF 100/150	20mm	BS EN 13108

Table 4 Minimum Sub-base Thickness (mm)			
CBR of Sub-Grade	Capping Layer	Sub-Base	Overall Thickness
Under 2%	450	150	600
2% - 3%	300	150	450
3% - 4%	200	150	350
4% - 5%	150	150	300
5% - 15%	0	225	225
Above 15%	0	150	150
Above 30%	If sub-grade is hard rock or granular, no sub-base is required if water table is not at a high level		0