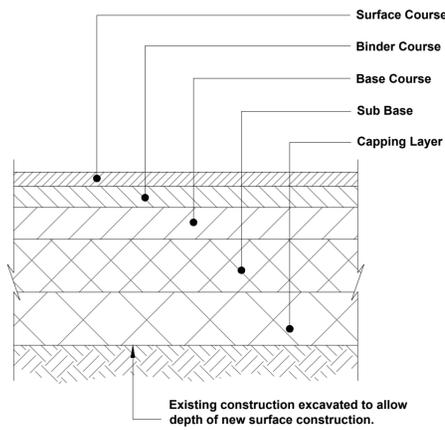


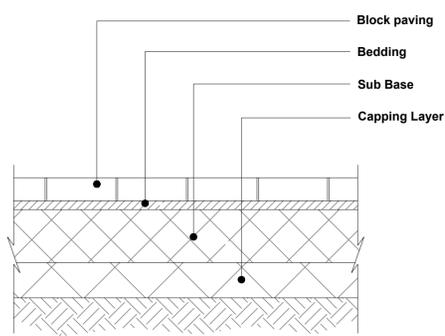
HEAVY DUTY CARRIAGEWAY - TYPICAL CONSTRUCTION DETAILS

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Surface Course	910	STONE MASTIC ASPHALT Mixture to BS 594987 2007, Table 6C (SMA14) Nominal aggregate size 14mm	40 mm	Laid and compacted to Specification for Highways Works Clauses 701, 702 and 901
Binder Course	906	DENSE BITUMEN MACADAM Mixture to BS 594594 2007, Table 6A (HRA60/20 bin/base) Nominal aggregate size 20mm	60 mm	Laid and compacted to Specification for Highways Works Clauses 702 and 901
Base Course	903	DENSE BITUMEN MACADAM Mixture to BS 594987 2007, Table 6A Nominal aggregate size 32mm	90 mm	Laid and compacted to Specification for Highways Works Clauses 701, 702 and 901
Sub base	801 & 803	TYPE 1	150 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	150 mm (MIN)	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			490 mm	



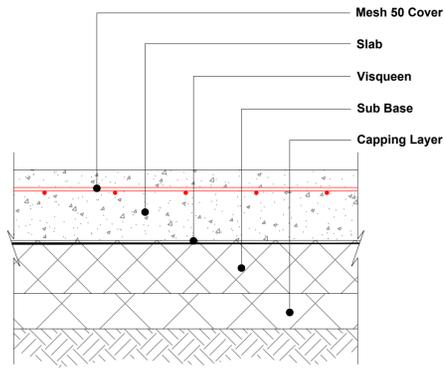
BLOCK PAVED AREAS - TYPICAL CONSTRUCTION DETAILS

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Surface Course		Block paving to Architects specification	80 mm	
Bedding		SAND	25 mm	
Sub base	801 & 803	TYPE 1	150 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	195 mm	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			450 mm	



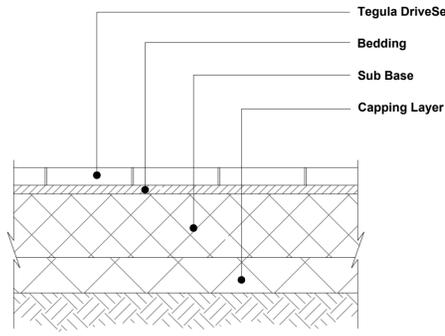
EXTERNAL CONCRETE - CORRAL CONSTRUCTION

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Slab	-	PAV2 or designated mix 40 / 50 XF. 1 layer A393 mesh with 50mm top cover.	150 mm	Medium brush finish in direction of falls.
Membrane	-	1200 GAUGE VISQUEEN with lapped joints (or similar approved)	-	Laid strictly in accordance with manufacturers recommendations.
Sub base	801 & 803	TYPE 1	150 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	150 mm (min)	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			450 mm (min)	



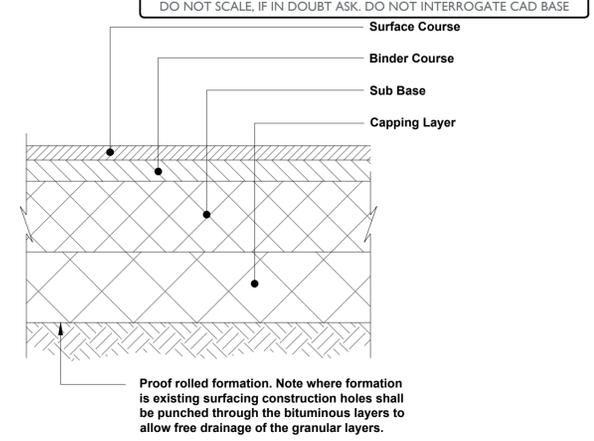
TEGULA DRIVESETT - TYPICAL CONSTRUCTION DETAILS

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Surface Course		Tegula DriveSett to Architects specification	50 mm	
Bedding		SAND	25 mm	
Sub base	801 & 803	TYPE 1	180 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	100 mm	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			355 mm	



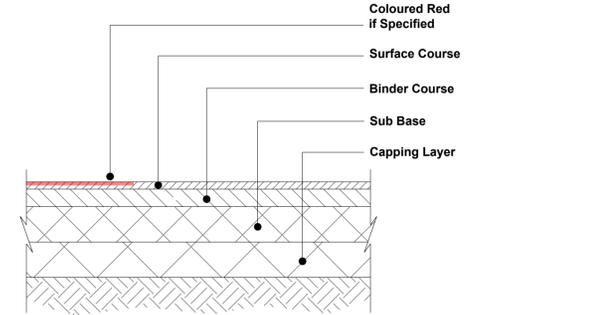
CAR-PARK - TYPICAL CONSTRUCTION DETAILS

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Surface Course	910	STONE MASTIC ASPHALT Mixture to BS 594987 2007, Table 6C (SMA14) Nominal aggregate size 14mm	40 mm	Laid and compacted to Specification for Highways Works Clauses 701, 702 and 901
Binder Course	906	DENSE BITUMEN MACADAM Mixture to BS 594594 2007, Table 6A (HRA60/20 bin/base) Nominal aggregate size 20mm	60 mm	Laid and compacted to Specification for Highways Works Clauses 702 and 901
Sub base	801 & 803	TYPE 1	200 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	150 mm (min)	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			450 mm (min)	



MACADAM FOOTPATH - TYPICAL CONSTRUCTION DETAILS

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Surface Course	1105	FINE TEXTURE BITUMEN MACADAM (200 PEN)	20 mm	Aggregate type: Course aggregate Basalt. Laid and compacted to Specification for Highways Works Clauses 702 and 901
Binder Course	906	DENSE BITUMEN MACADAM (100 PEN) Mixture to BS 594594 2007, Table 6A (HRA60/20 bin/base) Nominal aggregate size 20mm	50 mm	Used with fine texture bitumen macadam. Laid and compacted to Specification for Highways Works Clauses 702 and 901
Sub base	801 & 803	TYPE 1	100 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	100 mm	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			270 mm	



CONCRETE FOOTPATH - TYPICAL CONSTRUCTION DETAILS

LAYER	CLAUSE (D.O.T.)	MATERIAL	THICKNESS	NOTES
Slab	-	GRADE C40 CONCRETE Average air entrainment = 5±1.5%. Minimum cement content of 330kg/m. Maximum water/cement ratio of 0.50 (by weight). Maximum aggregate size 20mm. Fine aggregate 30-40% (by weight) of total workability (target) 50mm slump. or designated mix 40 / 50 XF. 1 layer A393 mesh with 50mm top cover.	150 mm	Medium brush finish in direction of falls.
Membrane	-	1200 GAUGE VISQUEEN (or similar approved)	-	Laid strictly in accordance with manufacturers recommendations.
Sub base	801 & 803	TYPE 1	150 mm	Laid and compacted to Specification for Highways Works Clause 802
Capping Layer	801 & 803	6F2 Granular material Class 1A, 1B, 1C, 6F1 or 6F2	100 mm (min)	Laid and compacted to Specification for Highways Works Clause 608 and 612
TOTAL PAVEMENT THICKNESS			400 mm (min)	

CDM NOTES

- ACCESS AND EGRESS TO THE SITE FROM BUSY ROAD.
- POTENTIAL GROUND INSTABILITY IN DEEP EXCAVATIONS
- NO HEAVY PLANT OR STOCK PILES PERMITTED OVER OR WITHIN 3m OF THE CONSTRUCTED TANK
- TANK TO BE FULLY PROTECTED FROM SILT AND DEBRIS INGRESS DURING CONSTRUCTION, AND TO BE INSPECTED AND MAINTAINED DURING OPERATION AS DETAILED ABOVE
- TANKS NOT DESIGNED TO RESIST UPLIFT UNTIL FULLY BACKFILLED
- EXISTING SERVICES IDENTIFIED ON SITE.
- ADEQUATE SEGREGATION HOARDING REQUIRED TO SEPARATE PUBLIC FROM THE CONSTRUCTION SITE.
- ADEQUATE MEASURES REQUIRED TO CONTROL NOISE, DUST, FUMES & VIBRATION.

REFER TO DESIGNERS HAZARD ASSESSMENTS FOR FURTHER DETAILS.

- ROAD CONSTRUCTION SPECIFICATION NOTES:**
- ALL MIX DESIGNATIONS ARE IN ACCORDANCE WITH BS EN 13108-1:2006, BS EN 13108-4:2006 AND BS EN 13108-5:2006.
 - ALL CLAUSE NUMBERS REFER TO THE SPECIFICATION FOR HIGHWAY WORKS VOLUME 1.
 - ASSUMED CBR = 2.5% IF THE MATERIAL APPEARS TO VARY FROM THE ANTICIPATED CONDITIONS, OR IF THERE ARE EXTENSIVE SOFT SPOTS, REPORT CONDITIONS IMMEDIATELY TO THE ENGINEER. IF INSTRUCTED TO CARRY OUT CBR TESTING OR IF CBR'S ARE TO BE CONFIRMED ON SITE, THE SUB-GRADE SHOULD BE TESTED IN ACCORDANCE WITH BS 1377-9:1990.
 - NO MATERIAL DEFINED AS FROST SUSCEPTIBLE IS TO BE USED WITHIN 450mm OF THE FINISHED RUNNING SURFACE.
 - ALL FORMATIONS ARE TO BE THOROUGHLY ROLLED AND COMPACTED.
 - THE PREPARED FORMATIONS OF FOOTWAYS ARE TO BE SPRAYED WITH AN APPROVED NON-TOXIC WEED KILLER.

NOTE:
ALL SURFACING MAKE-UPS ARE BASED ON A MIN. CBR OF 2.5%

REV.	DATE	REVISION	BY	CHK.
-	-	FIRST ISSUE	PH	NB

Euro Garages Ltd
Proposed PFS & Drive 'Thru' Restaurant
Centurion Way, Cleckheaton

Standard Surfacing Details

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Also at Aberdeen, Edinburgh and Glasgow.

CONSTRUCTION			
DATE CREATED:	Sept. '23'	SCALE:	1:10 @ A1
CONTRACT No:	PI5622	DRAWING No:	509
REV:	-		