

FOOTWAY - ASPHALT			PROPOSED CAR PARK - PERVIOUS ASPHALT			PROPOSED RAIN GARDEN		
LAYER	SPECIFICATION	THICKNESS (mm)	LAYER	SPECIFICATION	THICKNESS (mm)	LAYER	SPECIFICATION	THICKNESS (mm)
SURFACE COURSE	AC6 DENSE 100/150 (EXCLUDING LIMESTONE) TO BS EN 13108-1 AND BS 594987:2015 (BUFF COLOURED TO ARCHITECTS SPECIFICATION)	20	SURFACE COURSE	10mm 'SUPER DRAIN ASPHALT' THIN SURFACE COURSE SYSTEM, BIN 20mm OR SIMILAR APPROVED MATERIAL	30	FILTER MEDIUM	SAND BASED MATERIAL WITH SOME SOURCE OF ORGANIC MATTER AND SLOW RELEASE PLANT NUTRIENTS (SUDS MANUAL CHAPTER 1, BOX 18.1)	750
BINDER COURSE	AC 20 DENSE BIN 100/150 REC. TO BS594987:2015 AND CLAUSE 906 OF THE SHW	50	BINDER COURSE	14mm 'SUPER DRAIN ASPHALT' BINDER COURSE SYSTEM WITH >18% VOID CONTENT OR SIMILAR APPROVED MATERIAL	50	TRANSITION LAYER	NATURALLY OCCURRING SAND FROM THE QUARTERNARY GEOLOGICAL SERIES OR SEA DREDGED SANDS.	100
SUB BASE	TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 (SPECIFICATION FOR HIGHWAY WORKS). SEE NOTE 5	150	BASE COURSE	32mm 'SUPER DRAIN ASPHALT' BASE COURSE SYSTEM WITH >18% VOID CONTENT OR SIMILAR APPROVED MATERIAL	70	DRAINAGE LAYER	TYPE B FILTER MATERIAL TO SHW CLAUSE 505	500 - 1000
PROPOSED HIGHWAY - ASPHALT			PROPOSED SERVICE YARD/HGV YARD			PROPOSED SOFT LANDSCAPING		
LAYER	SPECIFICATION	THICKNESS (mm)	LAYER	SPECIFICATION	THICKNESS (mm)	LAYER	SPECIFICATION	THICKNESS (mm)
SURFACE COURSE	AC14 CLOSE SURF 40/60, PSV 65 MIN, AAV 12 MAX TO BS EN 13108-4 AND BS 594987:2015	50	RC Slab	REINFORCED CONCRETE SLAB WITH BRUSHED NON-SLIP, PAV2 CONCRETE, MINIMUM 32/40 GRADE GRADE ENTRAINED WITH CONTRACTION AND ISOLATION JOINTS. A393 TOP MESH REINFORCEMENT WITH 50MM COVER. 1200 GAUGED VISQUEEN DPM AT BASE	220	TOPSOIL	LANDSCAPE ARCHITECT TO CONFIRM	-
BINDER COURSE	AC20 DENSE BIN 40/60 REC. TO BS594987:2015 AND CLAUSE 906 OF THE SHW	90	SUB BASE	TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 (SPECIFICATION FOR HIGHWAY WORKS). SEE NOTE 5	230	SUB-SOIL	LANDSCAPE ARCHITECT TO CONFIRM	-
BASE COURSE	AC32 DEDNSE BASE 40/60 REC. TO BS594987:2015 AND CLAUSE 906 OF THE SHW	120	PROPOSED GRAVEL REINFORCED WITH GEOGRIDS			LAYER	SPECIFICATION	THICKNESS (mm)
SUB BASE	TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 (SPECIFICATION FOR HIGHWAY WORKS). SEE NOTE 5	320	SURFACE COURSE	TYPE 3 GRANULAR MATERIAL TO CLAUSE 805 (SPECIFICATION FOR HIGHWAY WORKS) WITH TERRAIN BODPAVE 40 (GRAVEL) SURFACE REINFORCEMENT OR SIMILAR APPROVED	40	SURFACE COURSE	TYPE 3 GRANULAR MATERIAL TO CLAUSE 805 (SPECIFICATION FOR HIGHWAY WORKS) WITH PERFORATED CARRIER DRAINS AT REGULAR INTERVALS. SEE NOTE 5	410
			SUB GRADE SEPARATION	GEOMEMBRANE WRAPPED IN NON-WOVEN GEOTEXTILE	-	SUB GRADE SEPARATION	GEOMEMBRANE WRAPPED IN NON-WOVEN GEOTEXTILE	-

- Legend**  
 Planning Boundary
- Notes**
- Do not scale from this drawing.
  - The details shown on this drawing are based on a RIBA Stage 2 design produced for the outline business case. The details will need to be reviewed and revised during subsequent design stages.
  - Topographic survey based on: Rassau Industrial Estate Site Survey July 2019, levels related to Ordnance Survey G.P.S Datum John Vincent Surveys LTD.
  - South eastern area of site not surveyed due to dense overgrowth, LIDAR information used for this space.
  - Sub base thickness based on a design CBR value of 5% has been assumed across the site. Soft areas to be removed and replaced by capping material.
  - Soft landscaping soil details to be advised by Landscape Architect.
  - Kerbing not shown, but kerbs and transitions to be included between changes of surfacing.



P04	18/06/21	DS	AR	JS
Issued for Planning				
P03	04/12/20	CB	AR	JS
Issued for Planning				
P02	20/11/20	CB	AR	JS
Issued for Costing				
P01	30/09/20	CB	AR	JS
Issued for Information				
Issue	Date	By	Chkd	Appd

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Client

Project Title  
**Dragon Glass Bottle Manufacturing Facility**

Drawing Title  
**Proposed Construction Finishes**

Scale at A1 1:1250 Role Civil  
 Suitability S2 - Suitable For Information  
 Job No **273927** Rev **P04**  
 Drawing No  
**DRAGON-ARUP-LNDS-XX-DR-C-100001**