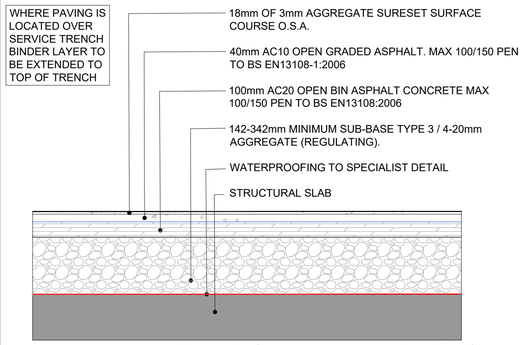
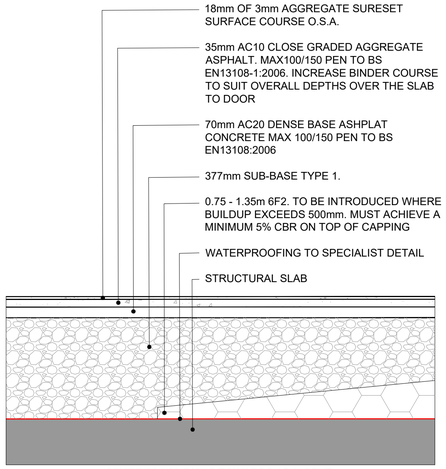
WHERE PAVING IS LOCATED OVER SERVICE TRENCH BINDER LAYER TO BE EXTENDED TO TOP OF TRENCH



P01a

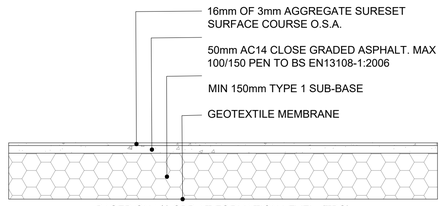
PAVEMENT TYPE P01a (BUILD UP DEPTH 0.30 - 0.50m)
RESIN BOUND PAVING ON SLAB
PERMEABLE
(SURESET DESIGN FOR MAXIMUM VEHICLE GROSS WEIGHT 7.5 TONNES)



MINIMUM 1:60 FALLS TOWARDS ADJACENT PERMEABLE CONSTRUCTION IS ADVISED.

P01b

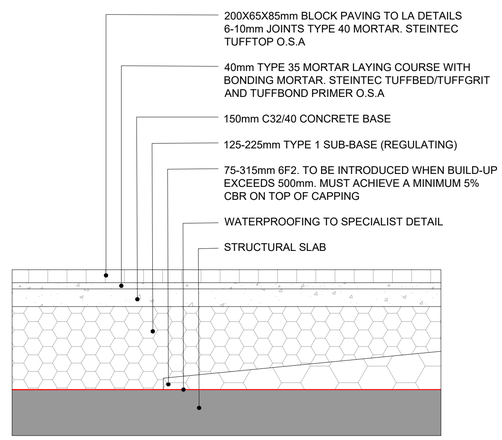
PAVEMENT TYPE P01b (BUILD UP DEPTH 0.50-1.85m)
RESIN BOUND PAVING ON SLAB
IMPERMEABLE
(SURESET DESIGN FOR MAXIMUM VEHICLE GROSS WEIGHT 7.5 TONNES)



BASED ON 5% CBR AT FORMATION LEVEL (TBC)
MINIMUM 1:60 FALLS TOWARDS ADJACENT PERMEABLE CONSTRUCTION IS ADVISED.

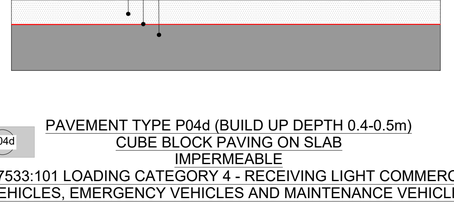
P02

PAVEMENT TYPE P02 (BUILD UP DEPTH 0.368m)
RESIN BOUND PAVING OFF SLAB
IMPERMEABLE
(SURESET DESIGN SUITABLE FOR DRIVEWAYS, COURTYARDS, TOWN CENTRE AND OCCASIONAL MAINTENANCE VEHICLES)



P03a

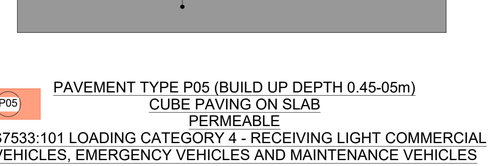
PAVEMENT TYPE P03a (BUILD UP DEPTH 0.30-0.74m)
CLAY PAVING ON SLAB
IMPERMEABLE
BS7533:101 LOADING CATEGORY 5 - RECEIVING OCCASIONAL COMMERCIAL VEHICULAR TRAFFIC



BASED ON 5% CBR AT FORMATION LEVEL (TBC)

P03b

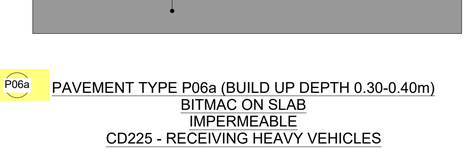
PAVEMENT TYPE P03b
CLAY PAVING OFF SLAB
IMPERMEABLE
BS7533:101 LOADING CATEGORY 5 - RECEIVING OCCASIONAL COMMERCIAL VEHICULAR TRAFFIC



BASED ON 5% CBR AT FORMATION LEVEL (TBC)

P04a

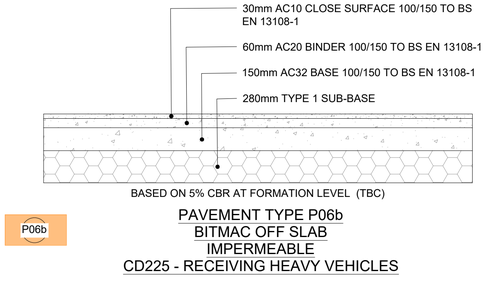
PAVEMENT TYPE P04a
CUBE PAVING OFF SLAB
IMPERMEABLE
BS7533:101 LOADING CATEGORY 5 - RECEIVING OCCASIONAL COMMERCIAL VEHICULAR TRAFFIC



BASED ON 5% CBR AT FORMATION LEVEL (TBC)

P04b

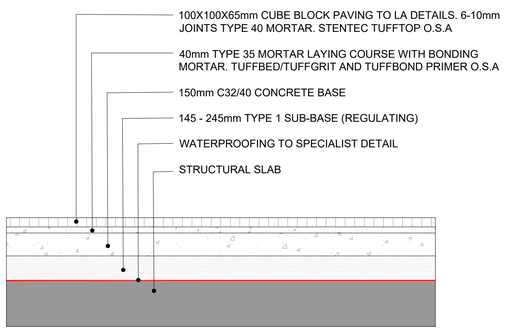
PAVEMENT TYPE P04b
CUBE PAVING OFF SLAB
IMPERMEABLE
BS7533:101 LOADING CATEGORY 4 - RECEIVING LIGHT COMMERCIAL VEHICLES, EMERGENCY VEHICLES AND MAINTENANCE VEHICLES



P04c

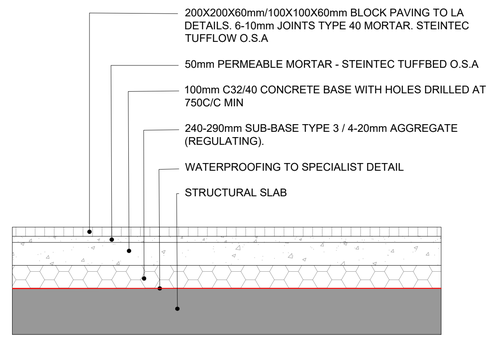
PAVEMENT TYPE P04c (BUILD UP DEPTH 0.34-0.70m)
CUBE PAVING ON SLAB
IMPERMEABLE
BS7533:101 LOADING CATEGORY 5 - RECEIVING OCCASIONAL COMMERCIAL VEHICULAR TRAFFIC

WHERE PAVING IS LOCATED OVER SERVICE TRENCH CONCRETE BASE LAYER TO BE EXTENDED TO TOP OF TRENCH, SEE CURTINS DRAWING C1-Z1-CUR-G580-PL-GRD-92535 FOR SECTION THROUGH SERVICE TRENCH



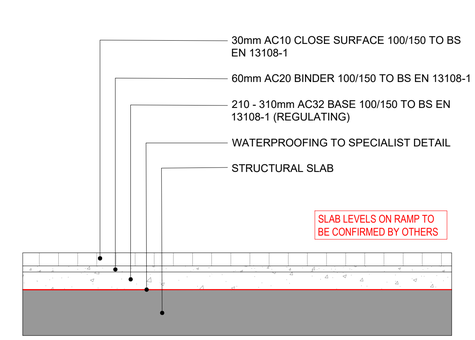
P04d

PAVEMENT TYPE P04d (BUILD UP DEPTH 0.4-0.5m)
CUBE BLOCK PAVING ON SLAB
IMPERMEABLE
BS7533:101 LOADING CATEGORY 4 - RECEIVING LIGHT COMMERCIAL VEHICLES, EMERGENCY VEHICLES AND MAINTENANCE VEHICLES



P05

PAVEMENT TYPE P05 (BUILD UP DEPTH 0.45-05m)
CUBE PAVING ON SLAB
PERMEABLE
BS7533:101 LOADING CATEGORY 4 - RECEIVING LIGHT COMMERCIAL VEHICLES, EMERGENCY VEHICLES AND MAINTENANCE VEHICLES



P06a

PAVEMENT TYPE P06a (BUILD UP DEPTH 0.30-0.40m)
BITMAC ON SLAB
IMPERMEABLE
CD225 - RECEIVING HEAVY VEHICLES

BASED ON 5% CBR AT FORMATION LEVEL (TBC)

P06b

PAVEMENT TYPE P06b
BITMAC OFF SLAB
IMPERMEABLE
CD225 - RECEIVING HEAVY VEHICLES

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT BRITISH STANDARDS AND BUILDING REGULATIONS.
4. THE LANDSCAPE ARCHITECT'S DRAWING HAS BEEN USED AS A BASE FOR THIS PLAN. PLEASE REFER TO THE LATEST LANDSCAPING LAYOUT.
5. REFER TO LANDSCAPE ARCHITECTS SPECIFICATION FOR SURFACE FINISHES.
6. KERBING REQUIREMENTS/DETAIL TO BE CONFIRMED BY LANDSCAPE ARCHITECT.
7. ALL SUB-BASES AND CAPPING LAYERS TO BE GRADED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SFHW).
8. ALL PAVEMENT CONSTRUCTIONS (OFF SLAB) ARE BASED ON AN ASSUMED CBR VALUE OF 5%. TO BE CONFIRMED BY INSITU TESTING AT FORMATION.
9. IT IS RECOMMENDED THAT CBR TESTS ARE CARRIED OUT TO CONFIRM AND SUB-BASE ADJUSTED IN ACCORDANCE WITH THE BS.
10. CBR TEST PROCEDURE IS DETAILED WITHIN DMRB IAN73/06 AND BS 1377-4.
11. MEASURED CBR VALUE TO BE AT FORMATION LEVEL AND TO BE A 'SOAKED' CONDITION.
12. ANY VARIATIONS IN GROUND CONDITIONS SHOULD BE NOTIFIED TO THE ENGINEER PRIOR TO CONSTRUCTION.
13. THE CONSTRUCTION DEPTHS GIVEN ARE THE MINIMUM REQUIRED (COMPACTED).
14. THE CONSTRUCTION DEPTHS GIVEN ASSUME FORMATION IS NON-FROST SUSCEPTIBLE. WHERE FORMATION IS FROST SUSCEPTIBLE PROVIDE CAPPING MATERIAL TO GIVE A MINIMUM 450mm OVERALL CONSTRUCTION THICKNESS.
15. THE CONSTRUCTIONS GIVEN ARE FOR PRIVATE AREAS ONLY AND NOT FOR ADOPTABLE AREAS. REFER TO SECTION 278 DRAWINGS FOR WORKS WITHIN THE ADOPTED HIGHWAY.
16. EXTENT OF HIGHWAY BOUNDARY TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORKS.
17. IN AREAS WHERE LEVELS ARE TO BE RAISED, ACCEPTABLE FILL MATERIAL IS TO BE USED TO THE UNDERSIDE OF THE PROPOSED CONSTRUCTION MAKE UP.
18. NO REGULATING OR FILL MATERIAL HAS BEEN INCLUDED IN CONSTRUCTION BUILD UP. CONTRACTOR TO INCLUDE FOR REGULATING/FILL MATERIAL IN THEIR RATES.
19. IN AREAS WHERE LEVELS ARE TO BE LOWERED, EXISTING CONSTRUCTION IS TO BE REMOVED (FULL DEPTH).
20. CONSTRUCTION OF CONCRETE SURFACES SUBJECT TO CASTING IN APPROPRIATE BAY SIZES / LENGTHS.
21. CONTRACTOR TO ALLOW FOR CONTRACTION JOINTING WITHIN CONCRETE AREAS.
22. LAYING COURSE TO BE IN ACCORDANCE WITH BS7533 REQUIREMENTS.
23. CBM1 TO BE TO BS7533 REQUIREMENTS.
24. TYPE 1 SUB-BASE IN ACCORDANCE WITH SFHW.
25. CAPPING MATERIAL TO BE 6F1, 6F2 OR 6F5 MATERIAL IN ACCORDANCE WITH SFHW 600 SERIES.
26. FIRE TENDER ROUTE BASED ON C1-Z1-CUR-G580-PL-XX-95020
27. PREVENTION OF MAINTENANCE/VEHICLES FROM ACCESSING PEDESTRIAN SPECIFIED AREAS TO BE CONFIRMED.
28. BUILD UP SPECIFICATIONS ARE SUBJECT TO FIXED FINAL ACCESS AND MAINTENANCE STRATEGY.
29. CURRENT SPECIFICATIONS BASED ON NO USE OF VOID FORMER, HOWEVER USE OF VOID FORMER CAN BE EXPLORED FURTHER IF REQUIRED.

REFER TO DRAWING: C1-Z1-CUR-G700-PL-GRD-94700 FOR ALL BUILD UP SPECIFICATION LOCATIONS

Rev:	Description:	Date:	By:	Chkd:
P02	UPDATED TO INCLUDE MAXIMUM LOADING DETAILS	17.10.25	CS	CG
P01	PRELIMINARY STAGE 4 ISSUE	18.08.25	KS	CS

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Status: STAGE 4

Project: TRINITY ISLANDS - PLOT C1

Drg Title: EXTERNAL WORKS BUILD-UP DETAILS

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	14/08/2025	KS	CS	CG
Scale: 1:20				

Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:
C1	Z1	CUR	G700	PL	GRD	94710	P02

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