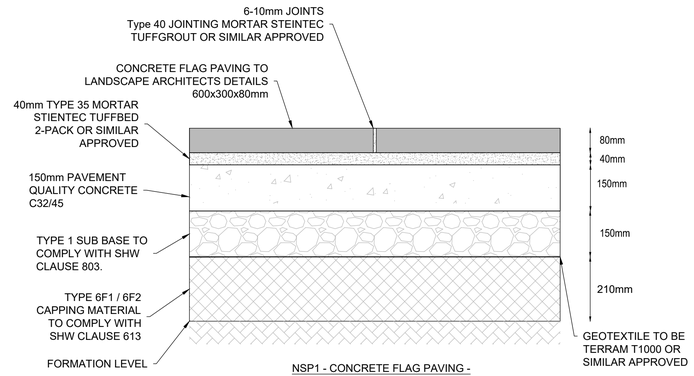
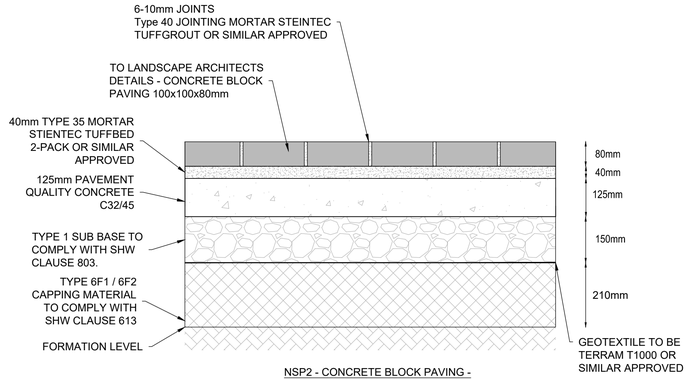


NSP1 - CONCRETE FLAG PAVING - 600x300x80mm
SCALE 1:10

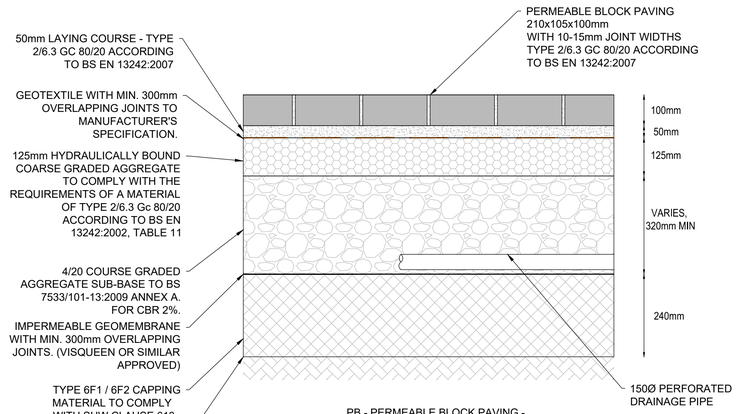
TRAFFIC CATEGORY 5 BOUND CONSTRUCTION

BUILD UP ASSUMES 100sa OF CONSTRUCTION TRAFFIC



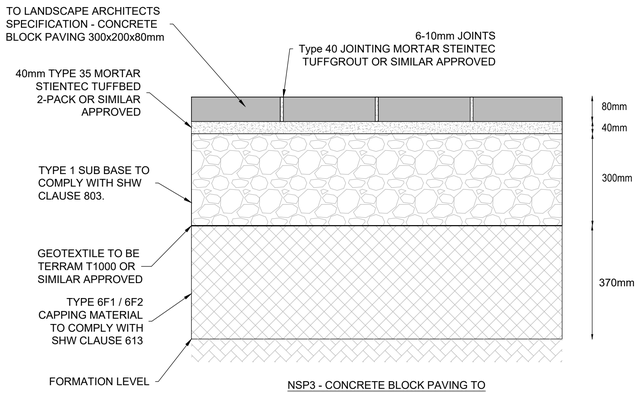
NSP2 - CONCRETE BLOCK PAVING - 100x100x80mm
SCALE 1:10

TRAFFIC CATEGORY 4 BOUND CONSTRUCTION



PB - PERMEABLE BLOCK PAVING - 210x105x100mm
SCALE 1:10

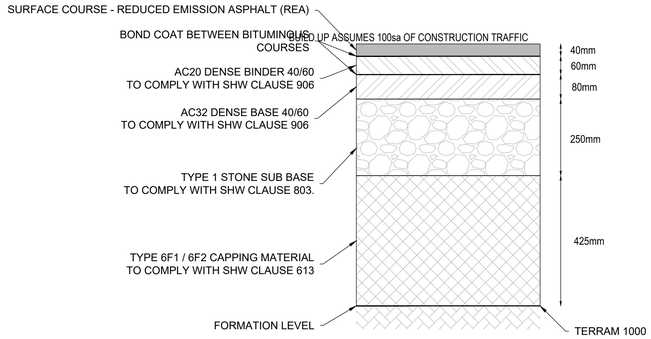
TRAFFIC CATEGORY D (BS7533-13)



NSP3 - CONCRETE BLOCK PAVING TO VEHICULAR AREAS - 300x200x80mm
SCALE 1:10

TRAFFIC CATEGORY 5 BOUND CONSTRUCTION

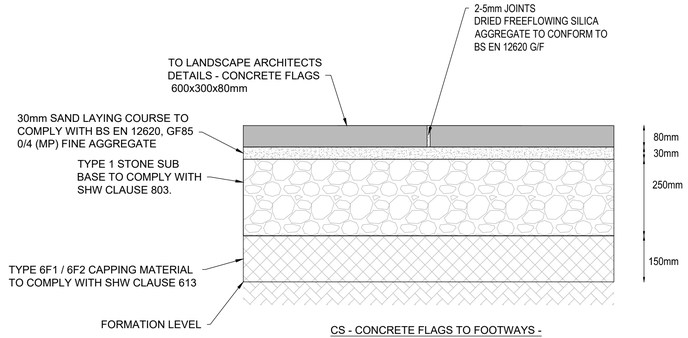
BUILD UP ASSUMES 200sa OF CONSTRUCTION TRAFFIC



AT - TYPICAL ROAD PAVEMENT DETAIL HOT ROLLED ASPHALT
SCALE 1:10

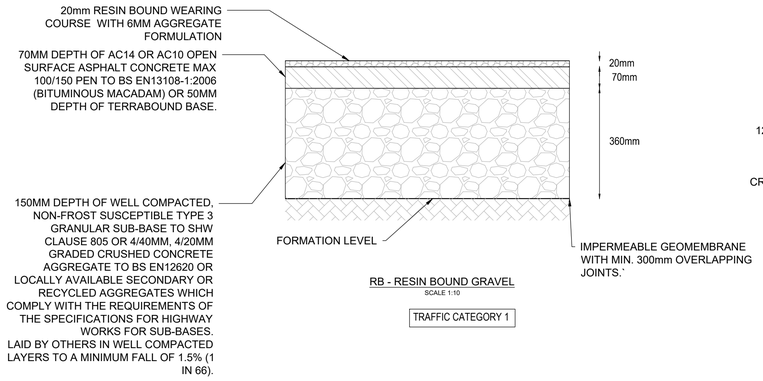
PRIVATE ROAD HAVING FREQUENT USE BY COMMERCIAL VEHICLES

CBR VALUES		2-3%
COMBINED (mm)	TYPE 1	250
	CAPPING	425



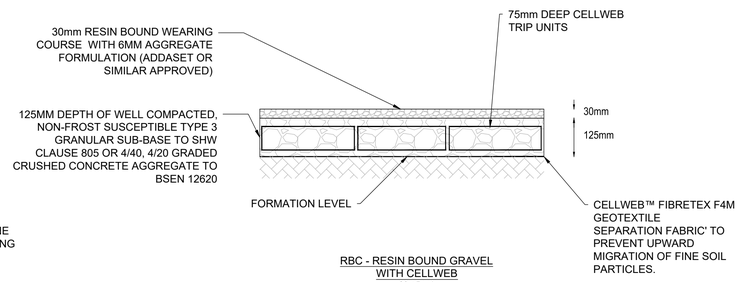
CS - CONCRETE FLAGS TO FOOTWAYS - 600x300x80mm
SCALE 1:10

TRAFFIC CATEGORY 1 UNBOUND CONSTRUCTION



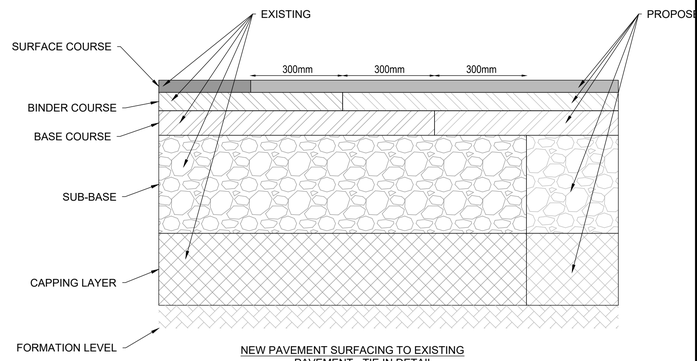
RB - RESIN BOUND GRAVEL
SCALE 1:10

TRAFFIC CATEGORY 1



RBC - RESIN BOUND GRAVEL WITH CELLWEB
SCALE 1:10

RESIN BOUND GRAVEL DETAILS ARE INDICATIVE - REFER TO ADDIGRIP/MANUFACTURERS DETAILS



NEW PAVEMENT SURFACING TO EXISTING PAVEMENT - TIE IN DETAIL

BUILDING DESIGN PARTNERSHIP SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THAT WHICH IT WAS PREPARED AND ISSUED.

ALL DIMENSIONS SHOULD BE CHECKED ON SITE.

DO NOT SCALE FROM THIS DRAWING

ANY DRAWING ERRORS OR DIVERGENCIES SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW.

DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING BEFORE WORK COMMENCES:
- THE CDM DESIGN ISSUES REGISTER
- THE BDP RISK SERIES OF DRAWINGS
- THE PROJECT CDM RISK REGISTER

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
2. FOR THE PROPOSED GENERAL ARRANGEMENT AND INTERNAL ROADS LAYOUT PLEASE REFER TO ECMWF-BDP-ZZ-ZZ-DR-C-000100 & 000101.
3. FOR THE PROPOSED ROADS LONGIDUTINAL SECTIONS PLEASE REFER TO ECMWF-BDP-ZZ-ZZ-DR-C-000200.
4. FOR THE PROPOSED SURFACE FINISH MATERIALS PLEASE REFER TO ECMWF-BDP-ZZ-ZZ-DR-C-000300 & 000301.
5. ALL BUILDUPS ARE REQUIRED TO BE 450mm DEEP. UNLESS THE FROST INDEX IS ATTAINED AND REPORTED TO THE ENGINEER
6. ROAD FORMATION TO BE CHECKED FOR SOFT SPOTS. SOFT SPOTS TO BE REMOVED AND REPLACED WITH TYPE 1 MATERIAL OR TYPE 6F2 CAPPING MATERIAL
7. UNLESS NOTED OTHERWISE, BUILDUPS DO NOT ALLOW FOR CONSTRUCTION TRAFFIC. A SACRIFICIAL LAYER OF HARDCORE UNDERLAIN WITH A GEOTEXTILE, OR SIMILAR, SHOULD BE USED TO PROTECT THE SUB-BASE FROM CONSTRUCTION TRAFFIC
8. BLOCK PAVING HAS BEEN DESIGNED IN ACCORDANCE WITH BS 7533-101:2021. REFER TO BS 7533-101:2021 TABLE 2B FOR TRAFFIC CATEGORIES
9. PERMEABLE BLOCK PAVING HAS BEEN DESIGNED IN ACCORDANCE WITH BS 7533-13:2009. REFER TO BS 7533-13:2009 TABLE 6 FOR TRAFFIC CATEGORIES
10. HOT ROLLED ASPHALT PAVEMENT DESIGNED TO NHBCC STANDARDS MINIMUM SKID RESISTANCE FOR PRIVATE ACCESS ROAD SURFACING IS PSV 65 AS PER CIVIL SPEC.

AS RECOMMENDED IN THE SI REPORT CARRIED OUT BY CGL IN MARCH 2024, A CBR VALUE OF 2% HAS BEEN ASSUMED FOR THE DESIGN OF ALL PAVEMENT BUILD UPS. CONTRACTOR TO CARRY OUT INSITU TESTING ON SITE TO CONFIRM CBR VALUES AT FORMATION LEVELS AND TO REPORT TO ENGINEER. ALLOW FOR 5 DAYS FOR ANY REDESIGN, IF NECESSARY.

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
P10	STAGE 4 - MATERIALS UPDATE	AF	LJ	25/10/24
P09	STAGE 4 - MATERIALS UPDATE	AF	LJ	10/10/24
P08	STAGE 4 SECURITY CHANGE ISSUE	JD	LJ	13/09/24
P07	FOR PLANNING	GM	SR	22/07/24
P06	STAGE 4 REDESIGN	GM	SR	27/06/24
P05	STAGE 4 FINAL	COB	SR	10/05/24
P04	STAGE 4 ISSUE	GM	SR	20/03/24
P03	STAGE 4 COSTING WIP ISSUE	SPB	SR	19/01/24
P02	STAGE 3 ISSUE	GM	TK	20/10/23
P01	WIP FOR COSTING	GM	TK	09/10/23

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PROJECT TITLE
ECMWF

BDP JOB NUMBER
P3002898

DRAWING TITLE
CONSTRUCTION TYPICAL DETAILS SHEET 4 of 12

SCALE @ A1
1:10

STATUS SUITABILITY
S(4)

DATE FIRST ISSUED
10/10/2023

DRAWING No.
ECMWF-BDP-ZZ-ZZ-DR-C-000403

REVISION
P10