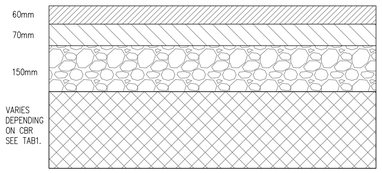


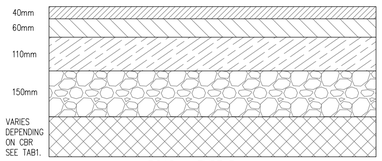
ROAD – TYPE A

60mm DENSE BITUMEN MACADAM SURFACE COURSE:
AC 14 CLOSE SURF 70/100 (14mm AGGREGATE) TO CLAUSE 912 ON

70mm DENSE BITUMEN MACADAM BASE COURSE:
AC 32 DENSE SURF 40/60 (32mm AGGREGATE) TO CLAUSE 906 ON

150mm GRANULAR SUB-BASE TO CLAUSE 804 (TYPE B) WITH BLINDED SURFACE ON

SELECTED CAPPING TO CLAUSE 613 (CLASS 6F1/2) REFER TO TABLE 1

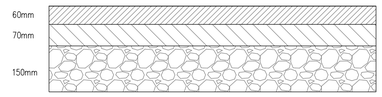


ROAD – TYPE B

40mm DENSE BITUMEN MACADAM SURFACE COURSE:
AC 14 CLOSE SURF 70/100 (14mm AGGREGATE) TO CLAUSE 912 ON
60mm DENSE BITUMEN MACADAM BINDER COURSE:
AC 20 DENSE BIN 40/60 (20mm AGGREGATE) TO CLAUSE 906 ON
110mm DENSE BITUMEN MACADAM BASE COURSE:
AC 32 DENSE BIN 40/60 (32mm AGGREGATE) TO CLAUSE 906 ON

150mm GRANULAR SUB-BASE TO CLAUSE 804 (TYPE B) WITH BLINDED SURFACE ON

SELECTED CAPPING TO CLAUSE 613 (CLASS 6F1/2) REFER TO TABLE 1

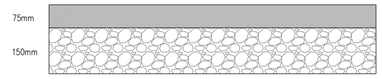


BUS ROUTE ON SLAB

60mm DENSE BITUMEN MACADAM SURFACE COURSE:
AC 14 CLOSE SURF 70/100 (14mm AGGREGATE) TO CLAUSE 912 ON

70mm DENSE BITUMEN MACADAM BASE COURSE:
AC 32 DENSE SURF 40/60 (32mm AGGREGATE) TO CLAUSE 906 ON

150mm GRANULAR SUB-BASE TO CLAUSE 804 (TYPE B) WITH BLINDED SURFACE ON



TYPICAL BITUMINUS CYCLEPATH CONSTRUCTION

SURFACE – AC10 OPEN SURF 70/100 DES
TO TII SRW CL 3.1.13

SUB BASE – TYPE B GRANULAR FILL MATERIAL
TO TII SRW CL 804

NOTES:

1. FOR AREAS WHERE CBR VALUE IS BELOW 2%, CARRY OUT THE FOLLOWING:

   –THE SOFT AREA IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A GENERAL FILL MATERIAL (CLASS 1A/1B) TO TII SPECIFICATION TO THE UNDERSIDE OF A GEOGRID LAYER (ENKAGRID TC 40 OR SIMILAR 40kN/m). SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

   AN ENGINEER SHOULD INSPECT THE SOFT AREA WHEN IT HAS BEEN FULLY EXCAVATED OUT PRIOR TO THE FILL /STABILISED MATERIAL BEEN PLACED/WORKED.

2. FOR AREAS WHERE CBR VALUES ARE BETWEEN 2% AND 5%, CARRY OUT THE FOLLOWING:

   –THE SOIL IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A CAPPING MATERIAL TYPE 6F1/6F2 TO TII SPECIFICATIONS. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

TABLE 1

FLEXIBLE PAVEMENT

THE MINIMUM REQUIRED THICKNESS OF NON-FROST SUSCEPTIBLE CAPPING MATERIAL IS SHOWN HEREUNDER:–

CBR SUBGRADE %	BELOW 2	2 – 5	5 – 15	15+
THICKNESS OF CAPPING(mm)	GEOGRID DESIGN	300	150	NO CAPPING

CBR TESTS SHALL BE CARRIED OUT AT A RATE OF ONE TEST PER 100 METERS OF ROAD

ALL ROADS DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS AND WITH REFERENCE TO THE DESIGN MANUAL FOR URBAN ROADS AND STREETS

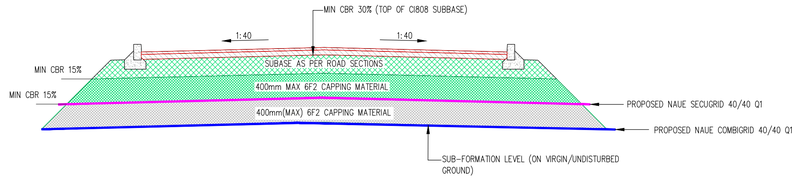
1. GEOGRID TO BE INSTALLED AS PER THE MANUFACTURERS REQUIREMENTS.

2. MIN CBR VALUES TO BE ACHEVED;
   15% TOP OF CAPPING LAYERS
   30% TOP OF CI804 SUB BASE LAYERS.

3. GEOTEXTILE SEPERATION MEMBRANE TO BE INSTALLED AT SUB-FORMATION LEVEL. THE PROPOSED MATERIAL SHALL BE MANUFACTURED FROM SYNTHETIC MEMBRANE TERMALLY BONDED OR SIMILAR TYPE APPROVED BY ENGINEER.

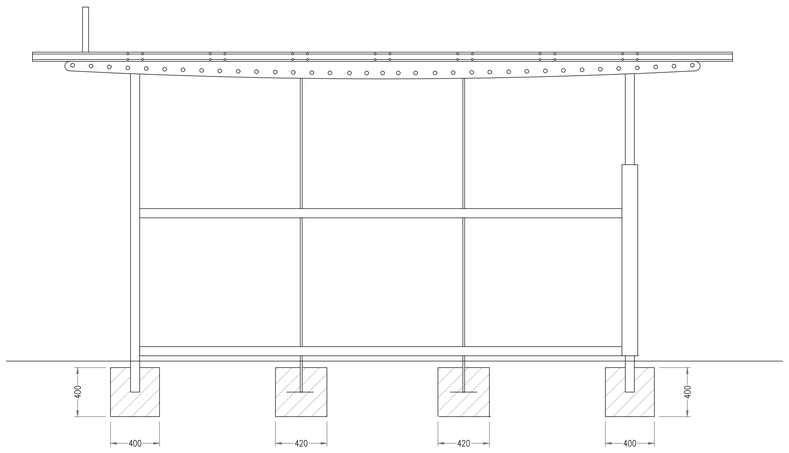
LEGEND

PROPOSED NAUE COMBIGRID 40/40 Q1
PROPOSED NAUE SECUGRID 40/40 Q1
PROPOSED GEOTEXTILE SEPERATION MEMBRANE
PROPOSED 6F2 CAPPING MATERIAL
PROPOSED CI804 SUB BASE
BINDER COURSE
COURSE



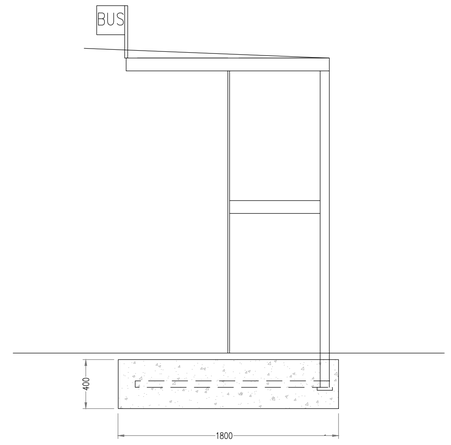
ROADS WITH SIGNIFICANT ROAD BUILD UP SEQUENCE AND TESTING

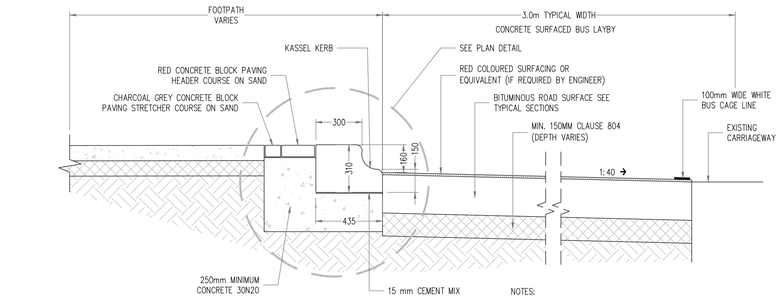
SCALE: 1:50

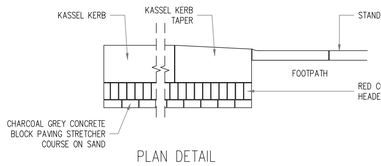


BUS SHELTER.

SCALE= 1:25







PLAN DETAIL

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN

2. SUBBASE MATERIAL SHALL COMPLY WITH CLAUSE 804. MATERIAL TO CLAUSE 804 SHALL COMPLY WITH MINIMUM CBR REQUIREMENTS AS PER TII SPECIFICATIONS.

3. KERBS SHALL BE LAID IN ACCORDANCE WITH CLAUSE 101. FOR ACTUAL KERB TYPES SEE LAYOUT DRAWINGS.

4. KASSEL KERBS TO BE DRY BUTT JOINTED.

5. JOINTS SHALL BE PROVIDED AROUND MANHOLE AND OTHER COVERS WITHIN AREA.

6. ALL CLAUSE REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROAD WORKS (TII).

7. THERE SHALL BE A 1m LONG KASSEL KERB TAPER PIECE AT EACH END OF THE KASSEL KERB.

TYPICAL BUS STOP LAYBY AND FOOTPATH CONSTRUCTION WITH KASSEL KERB

SCALE: N.T.S

R089

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
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NOTES
1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
3. DO NOT SCALE THIS DRAWING. Use figured dimensions only.
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Rev. No.	Date	REVISION NOTE	Dm. By	Chkd. By
P1	20.10.2020	PLANNING SUBMISSION STAGE 3	JS	OS

Client	The Shoreline Partnership
Project	Alterations to Shoreline GA01 Lands at Baldoyle
Title	ROAD CONSTRUCTION DETAILS SHEET 2 OF 2
Dwg. No.	BD-CSC-ZZ-XX-DR-C-0022

Date	Dm by	Chkd by	Aprvd by	Scale	Revision
06.04.2020	JS	NB	OS	AS SHOWN @A1	P1

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