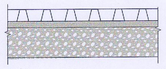
NOTE:
DBFL CONSIDER THAT "GRASSCRETE" IS A PRODUCT INCLUSIVE OF, AND HIGHLY DEPENDENT ON, THE STONE BUILD-UP BELOW UPPER LAYERS AS THIS IS WHAT ENABLES THE SYSTEM TO MEET THE PERFORMANCE CRITERIA DENOTED ON THE MANUFACTURERS DECLARATION OF PERFORMANCE. HENCE, THE DEPTH OF STONE NOTED ON THE SECTIONS BELOW MAY VARY DEPENDING ON EXISTING GROUND CONDITIONS. CBR TESTS TO BE UNDERTAKEN AT FORMATION LEVEL, AS WELL AS ON TOP OF THE STONE, TO ENSURE THAT THE "GRASSCRETE" WILL PERFORM AS PER MANUFACTURERS SPECIFICATIONS AND DECLARATION OF PERFORMANCE.

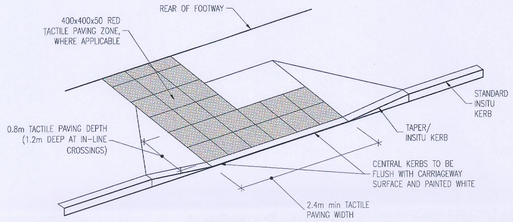
GRASSCRETE ROAD CONSTRUCTION

150mm TYPE GC2 GRASSCRETE FORMERS CAST WITH 30MPA CONCRETE WITH STEEL MESH REF. 393(OR SIMILAR APROVED FOR 17TON BEARING CAPACITY) ON
50mm LAYING MATERIAL & JOINTING TO MANUFACTURES SPECIFICATION (TYPICALLY TYPE 2/6.3GC 80/20 TO I.S. EN 13242) ON
250mm GRANULAR SUB-BASE TO CLAUSE 808
(DEPENDANT ON CBR RESULTS 5% ASSUMED)

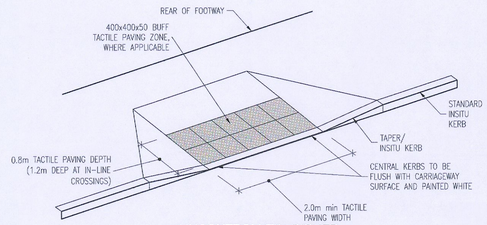


REINFORCED GRASSCRETE SECTION
SCALE 1:25

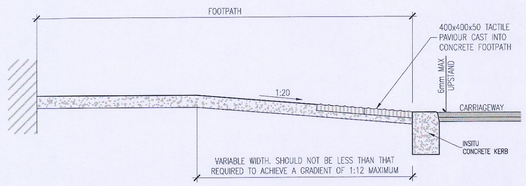
FIGURE 2E



CONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50



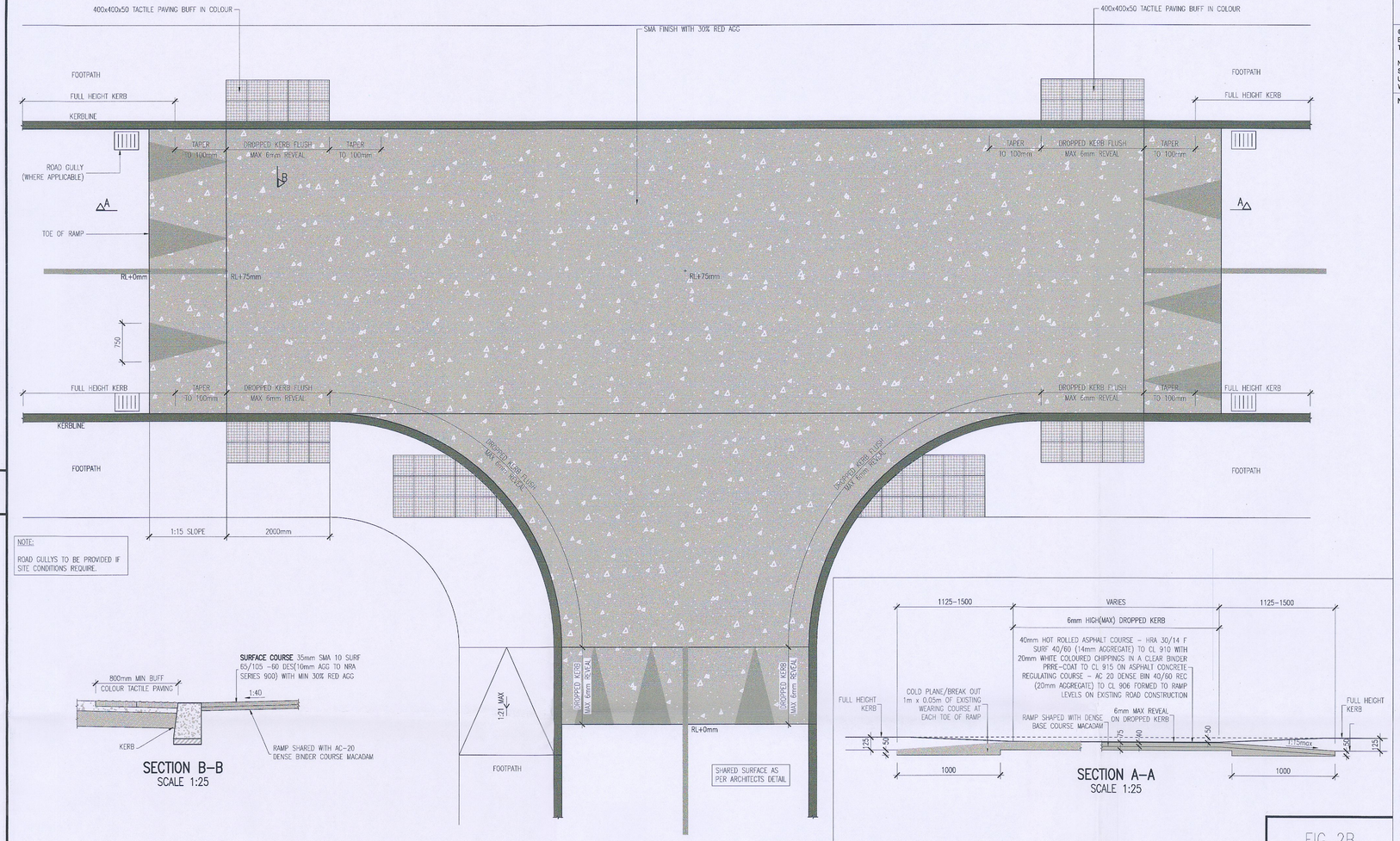
UNCONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50



TYPICAL SECTION THROUGH DISHED CROSSING
SCALE 1:25

DISHED CROSSING DETAIL

FIGURE 2A

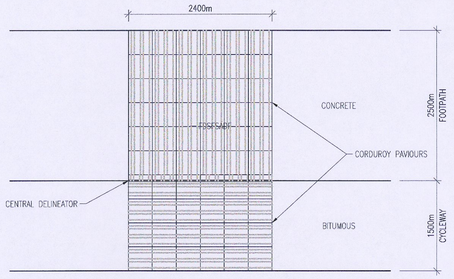


NOTE:
ROAD GULLYS TO BE PROVIDED IF SITE CONDITIONS REQUIRE.

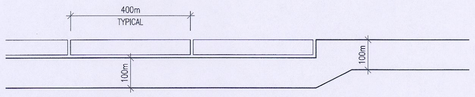
SECTION B–B
SCALE 1:25

SECTION A–A
SCALE 1:25

FIG 2B



CYCLEWAY & FOOTPATH TACTILE PAVING PLAN
SCALE 1:50



CYCLEPATH & FOOTPATH TACTILE PAVING CROSS-SECTION
SCALE : 1:10

FIG 2C

ON ORIGINAL
0 5 10 20 30 40 50mm

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NOTES:

GENERAL NOTES:

1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS
2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
3. ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
4. ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
5. ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
6. ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
7. ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION SR 21:2014 - GUIDANCE ON THE USE OF IS EN 13242 + A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES

1. ALL BITUMINOUS MATERIALS SHALL BE LAID & COMPACTED IN ACCORDANCE WITH SPECIFICATION SERIES 700 & 900.
2. STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm)	% BY MASS PASSING
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5

3. CRUSHED STONE TO PERMEABLE PAVING AREAS WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm)	% BY MASS PASSING
40	100
31.5	98-100
20	90-99
10	25-70
4	0-15
5	0-5

4. ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH SPECIFICATION.
5. ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
6. ALL GEOGRIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
7. ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.
8. ALL UTILITIES SHALL MAINTAIN SEPARATION DISTANCES AS PER THE UTILITY PROVIDERS REQUIREMENTS.
9. ALL SEPARATION DISTANCES TO UTILITIES SHOWN ARE MINIMUM.
10. ALL MINIMUM COVER DEPTHS SHOWN TO UTILITIES ARE MINIMUM.
11. CONTRACTOR SHALL VERIFY ALL EXISTING SERVICES AND COVER TO SAME PRIOR TO LAYING CAPPING.
12. STREET LIGHTING LOCATIONS SHALL BE AS PER THE STREET LIGHTING LAYOUT AND COLUMN BASES INSTALLED AS PER STREET LIGHTING DESIGNER.
13. CONTRACTOR SHALL PROVE CBR AT TOP OF CAPPING AT 75m CENTRES PRIOR TO PLACING SUB-BASE. CONTRACTOR SHALL PROVE CBR AT TOP OF SUB-BASE AT 75M CENTRES PRIOR TO PLACING BASE COURSE.

rev	date	description	by	chkd.
1	06-07-23	ISSUED FOR FURTHER INFORMATION	DKE	DCB
0	13-12-22	ISSUED FOR PLANNING	RMC	DCB

STATUS CODES

purpose	acceptance
P3 - PLANNING PERMISSION	S - ISSUED

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project ref.	CLONBURRIS T2
drawing title	TYPICAL CONSTRUCTION DETAILS SHEET 3
client	CAIRN HOMES

designed by	author	scale	sheet size
DCB	RMC	AS SHOWN	A1

drawing no. CLB-1B-95-SW-DTM-DR-DBFL-CE-5003 | revision 1