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NOTES:

- CLOSE GRADED SURFACE COURSE MACADAM SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 912 OF THE NRA'S SPECIFICATION FOR ROAD WORKS AND SHALL SATISFY THE REQUIREMENTS OF TABLE 912. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906 OF THE NRA'S SPECIFICATION FOR ROAD WORKS & SHALL SATISFY THE REQUIREMENTS OF TABLE 911. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- SUB-BASE MATERIAL SHALL COMPLY WITH CLAUSE 808 GRANULAR MATERIAL TYPE B OF NRA'S SPECIFICATION FOR ROAD WORKS (SRW) & SHALL SATISFY THE REQUIREMENTS OF TABLE 814 & 812.
- SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S SPECIFICATION FOR ROAD WORKS & SHALL SATISFY THE REQUIREMENTS OF TABLE 611 & 612.
- STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 12342

BS SIEVE SIZE (mm)% BY MASS PASSING	
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5
- CRUSHED STONE WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 12342

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
- 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 DBFL SPECIFICATIONS.
- ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- ALL GEOGRIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.

Table 1

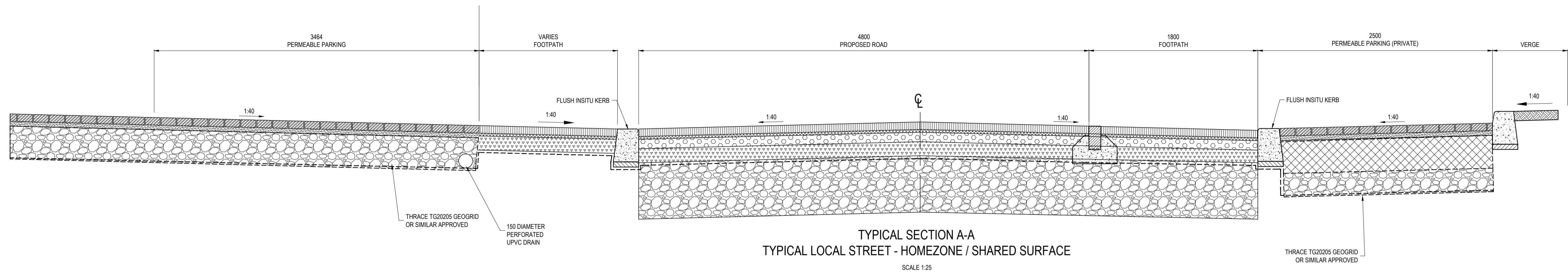
CBR (%)	Depth of Capping (mm)
2	600
3	350
4	300
5	250
8	200

CARPARK BAY CONSTRUCTION (PRIVATE IN CURTLAGE)
 80mm PERMEABLE PAVING BLOCK TO BS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
 50mm LAYING MATERIAL JOINTING TO MANUFACTURERS SPECIFICATION (TYPICALLY TYPE 2/6.3 GC 80/20 TO I.S. EN 13342) ON
 350mm SUB-BASE LAYER 4mm TO 20mm COARSE GRADE CLEAR CRUSHED ROCK TO I.S. EN 12342:2002 (SEE NOTE ON PARTICLE SIZE DISTRIBUTION) ON
 GEOTEXTILE LAYER TO CLAUSE 609 (NRA)
 250MM 6F2 CAPPING BASED ON A MINIMUM CBR OF 3%

FOOTPATH
 80mm PAVING BRICK / BLOCK AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 ARCHITECTS SPECIFICATION ON
 30mm BEDDING AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 150mm CLAUSE 808 SUB-BASE

ROAD CONSTRUCTION
 80mm PAVING BRICK / BLOCK AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 30mm BEDDING AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 100mm DBM50 (OR 150MM CBM 3 TO CLAUSE 1035 & 1038) ON
 150mm OF GRANULAR SUB-BASE TO CLAUSE 808 (TYPE B) WITH BLINDED SURFACE ON
 600mm CLASS 6F2 CAPPING STONE, DEPTH TBC BY ON SITE CBR TESTING

CARPARK BAY CONSTRUCTION (PRIVATE IN CURTLAGE)
 80mm PERMEABLE PAVING BLOCK TO BS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
 50mm LAYING MATERIAL JOINTING TO MANUFACTURERS SPECIFICATION (TYPICALLY TYPE 2/6.3 GC 80/20 TO I.S. EN 13342) ON
 350mm SUB-BASE LAYER 4mm TO 20mm COARSE GRADE CLEAR CRUSHED ROCK TO I.S. EN 12342:2002 (SEE NOTE ON PARTICLE SIZE DISTRIBUTION) ON
 GEOTEXTILE LAYER TO CLAUSE 609 (NRA)
 250MM 6F2 CAPPING BASED ON A MINIMUM CBR OF 3%

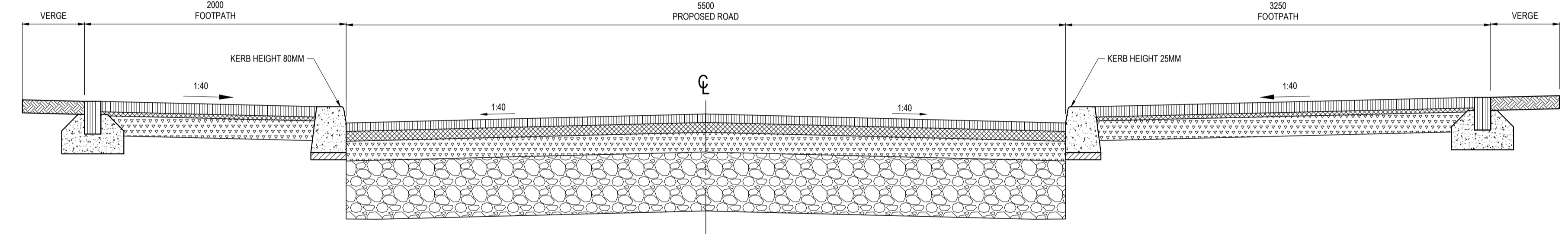


TYPICAL SECTION A-A
 TYPICAL LOCAL STREET - HOMEZONE / SHARED SURFACE
 SCALE 1:25

FOOTPATH
 80mm PAVING BRICK / BLOCK AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 30mm BEDDING AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 150mm CLAUSE 808 SUB-BASE

ROAD CONSTRUCTION
 40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA RED OR BUFF SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 ON
 100mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 NOTE 1 (AC 20 HDM BIN 40/60 TO EN13108-1) ON
 150mm OF GRANULAR SUB-BASE TO CLAUSE 808 (TYPE B) WITH BLINDED SURFACE ON
 600mm CLASS 6F2 CAPPING STONE, DEPTH TBC BY ON SITE CBR TESTING

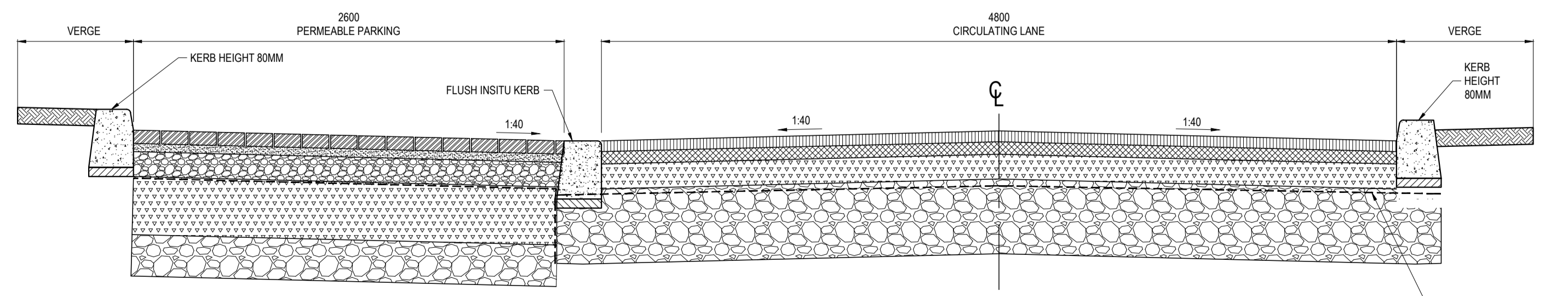
FOOTPATH
 80mm PAVING BRICK / BLOCK AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 30mm BEDDING AS PER LANDSCAPE ARCHITECTS SPECIFICATION ON
 150mm CLAUSE 808 SUB-BASE



TYPICAL SECTION B-B
 TYPICAL LOCAL STREET
 SCALE 1:25

CARPARK BAY CONSTRUCTION (PRIVATE IN CURTLAGE)
 80mm PERMEABLE PAVING BLOCK TO BS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
 50mm LAYING MATERIAL JOINTING TO MANUFACTURERS SPECIFICATION (TYPICALLY TYPE 2/6.3 GC 80/20 TO I.S. EN 13342) ON
 150mm ROAD BASE COURSE CEMENT STABILISED COARSE GRADED AGGREGATE AS CBGM B TO NRA CL 822 ON
 350mm SUB-BASE LAYER 4mm TO 20mm COARSE GRADE CLEAR CRUSHED ROCK TO I.S. EN 12342:2002 (SEE NOTE ON PARTICLE SIZE DISTRIBUTION) ON
 GEOTEXTILE LAYER TO CLAUSE 609 (NRA)
 250MM 6F2 CAPPING BASED ON A MINIMUM CBR OF 3%

ROAD CONSTRUCTION
 40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA RED OR BUFF SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 ON
 100mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 NOTE 1 (AC 20 HDM BIN 40/60 TO EN13108-1) ON
 150mm OF GRANULAR SUB-BASE TO CLAUSE 808 (TYPE B) WITH BLINDED SURFACE ON
 600mm CLASS 6F2 CAPPING STONE, DEPTH TBC BY ON SITE CBR TESTING



TYPICAL SECTION C-C
 TYPICAL LOCAL STREET - SHARED SURFACE (ACCESS OFF SANDFORD ROAD)
 SCALE 1:25

rev	date	description	by	chkd.
1	04-07-25	LRD APPLICATION	GDN	EJD
0	26-06-25	LRD APPLICATION	PGC	ED

STATUS CODES
 purpose acceptance
 P3 - PLANNING PERMISSION S - ISSUED

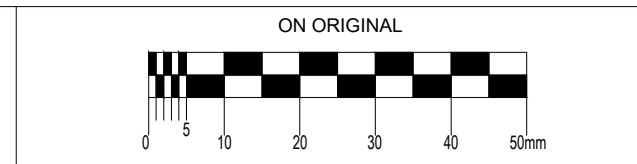
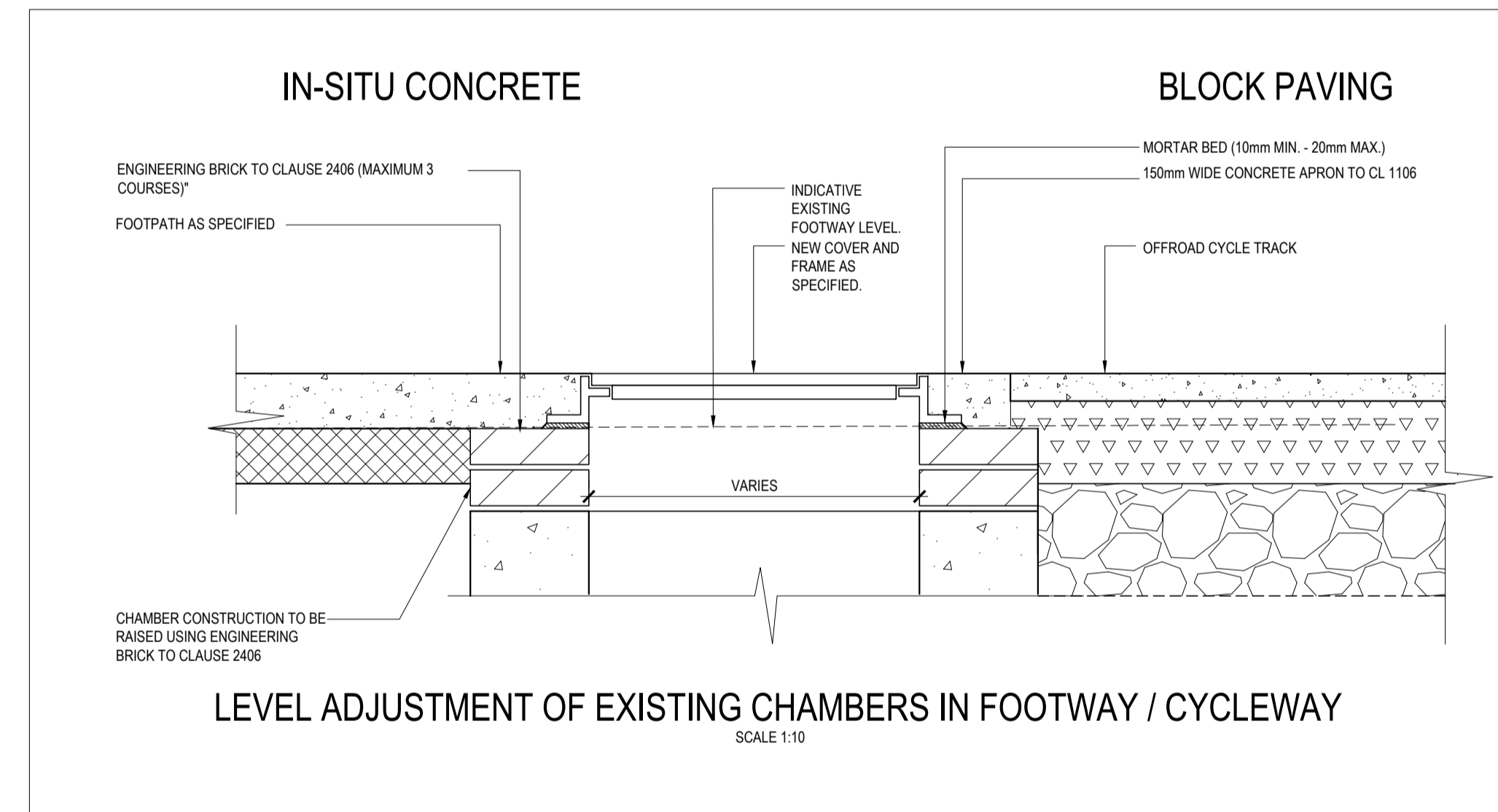
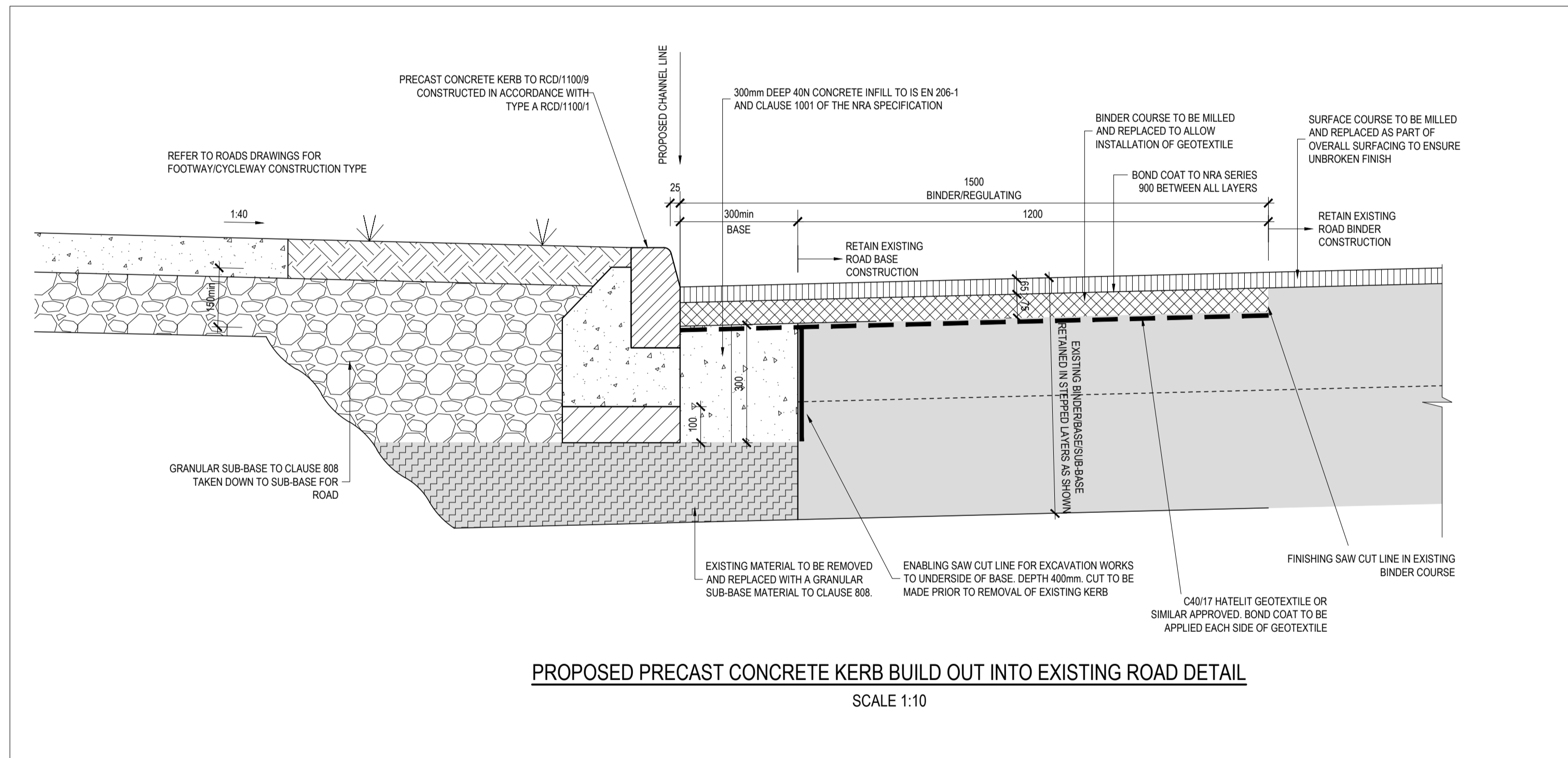
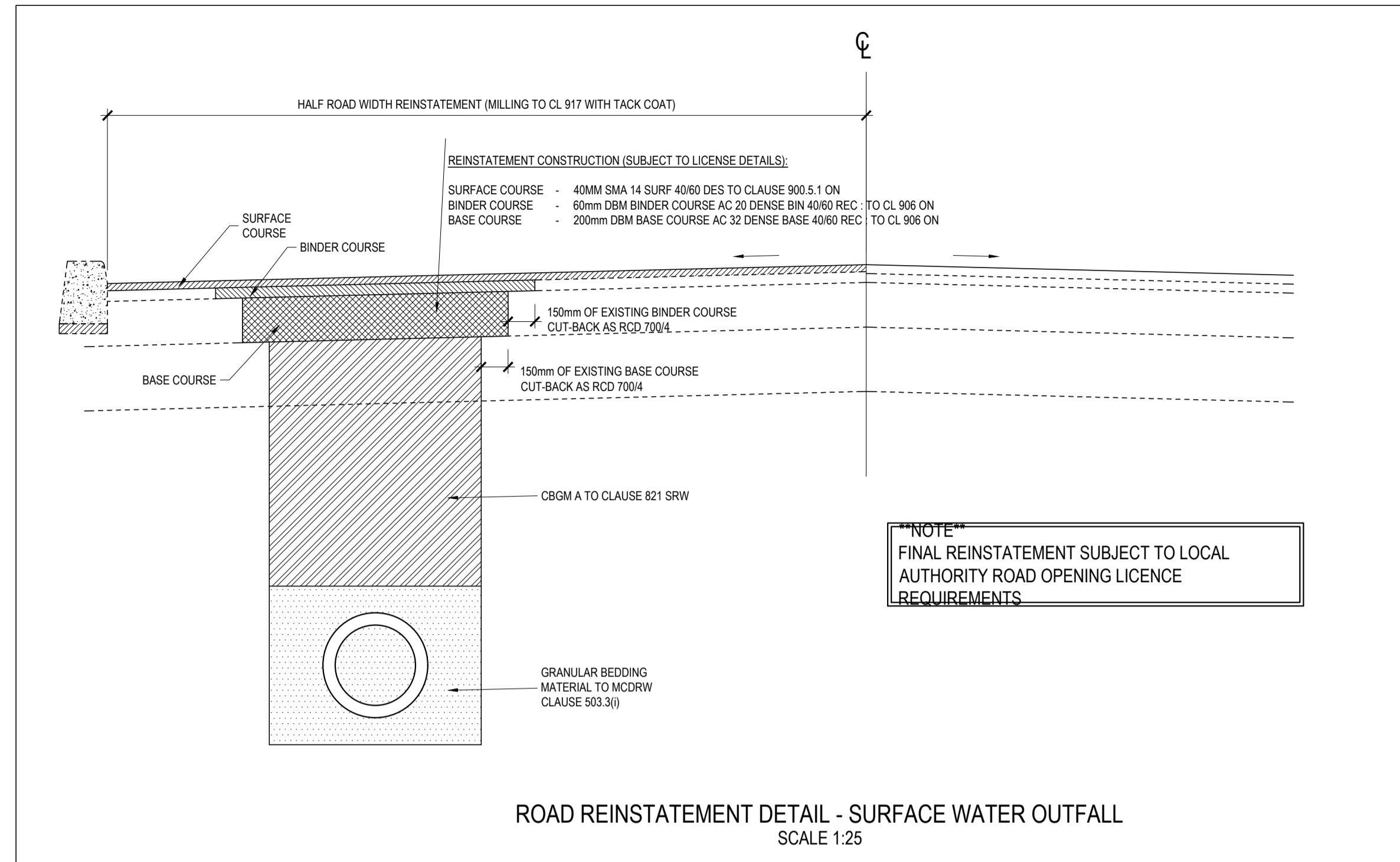
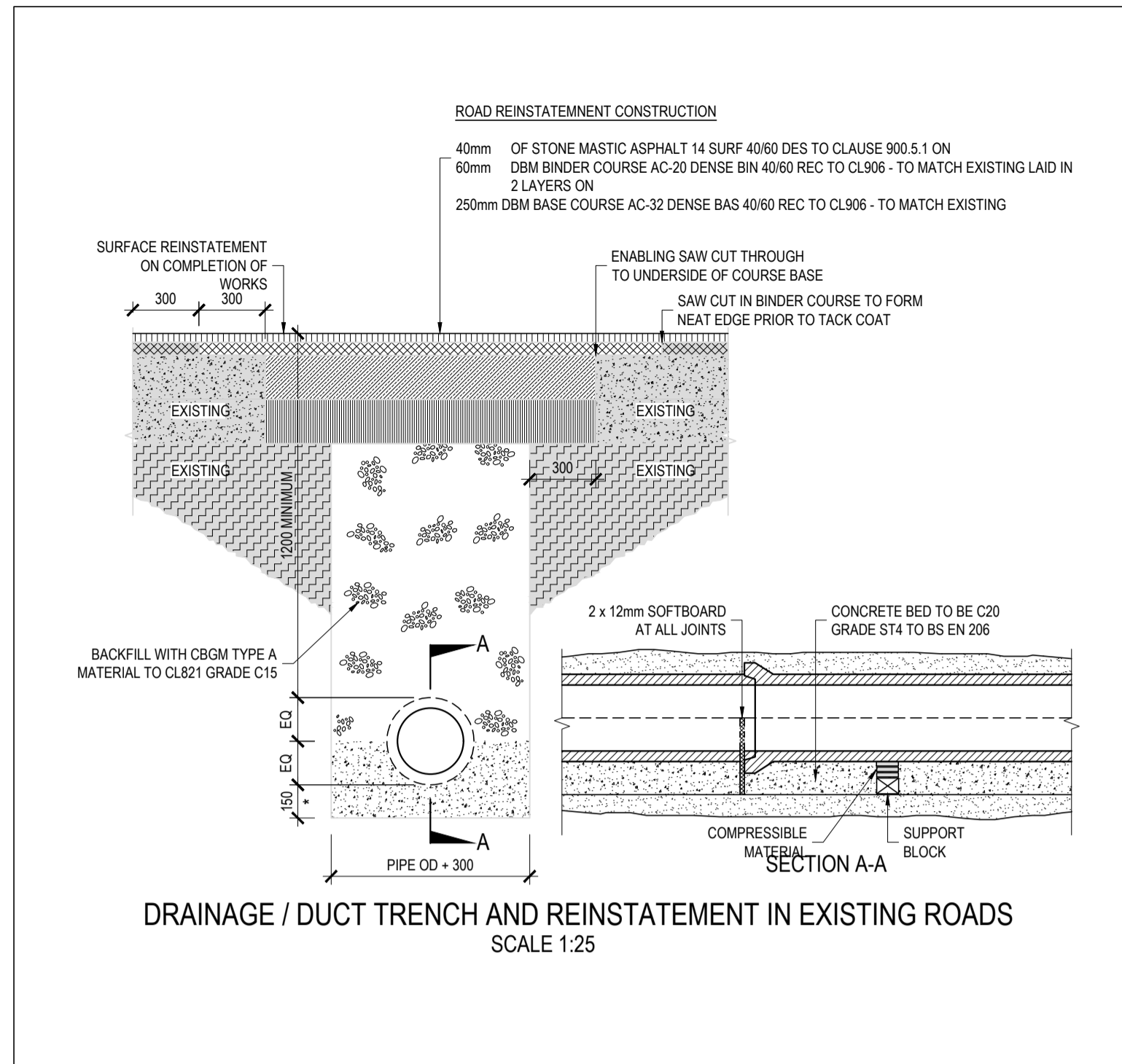
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project ref.
 SANDFORD ROAD, MILLTOWN

drawing title
 TYPICAL ROAD CONSTRUCTION
 DETAILS SHEET 1

client
 SANDFORD LIVING LIMITED

designed by	author	scale	sheet size
BK	OWF	AS NOTED	A1
drawing no.	revision		
190226-X-04-200-DTM-DR-DBFL-CE-5201	1		



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NOTES:

- CLOSE GRADED SURFACE COURSE MACADAM SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 912 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' AND SHALL SATISFY THE REQUIREMENTS OF TABLE 912. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 911. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- SUB-BASE MATERIAL SHALL COMPLY WITH CLAUSE 808 GRANULAR MATERIAL TYPE B OF NRA'S SPECIFICATION FOR ROAD WORKS (SRW) & SHALL SATISFY THE REQUIREMENTS OF TABLE 814 & 812.
- SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 611 & 612.
- STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 12422

BS SIEVE SIZE (mm)% BY MASS PASSING	
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5
- CRUSHED STONE WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 12422

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
- 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 DBFL SPECIFICATIONS.
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- ALL GEORIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.

rev	date	description	by	chkd.
0	26-06-25	LRO APPLICATION	PGC	ED

STATUS CODES

purpose acceptance

P3 - PLANNING PERMISSION S - ISSUED

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DUBLIN | CORK | GALWAY | WATERFORD

project ref.

SANDFORD ROAD, MILLTOWN

drawing title

TYPICAL ROAD CONSTRUCTION
DETAILS SHEET 3

client

SANDFORD LIVING LIMITED

designed by BK

author OWF

scale AS SHOWN

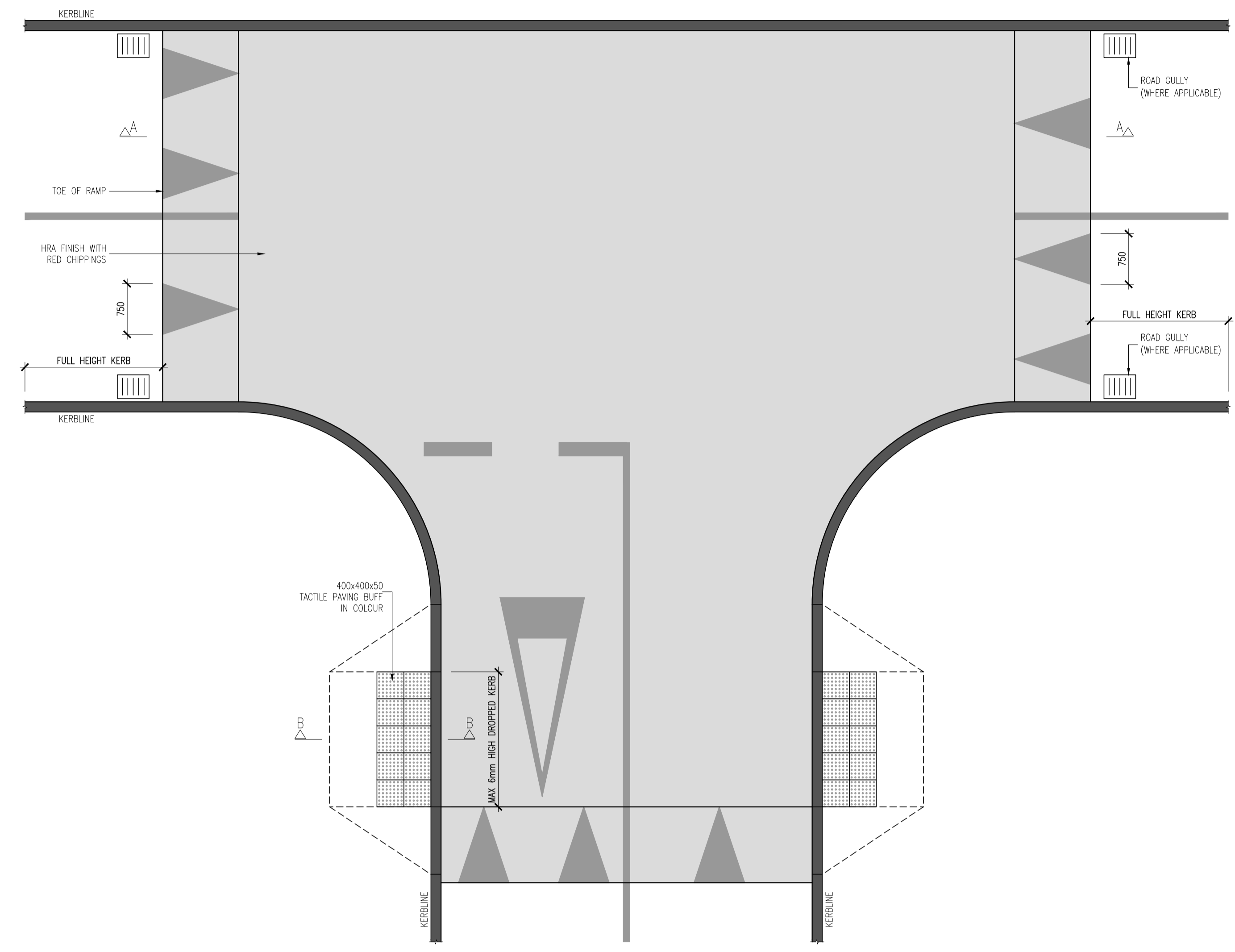
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drawing no. 190226-X-04-200-DTM-DR-DBFL-CE-5203

revision 0

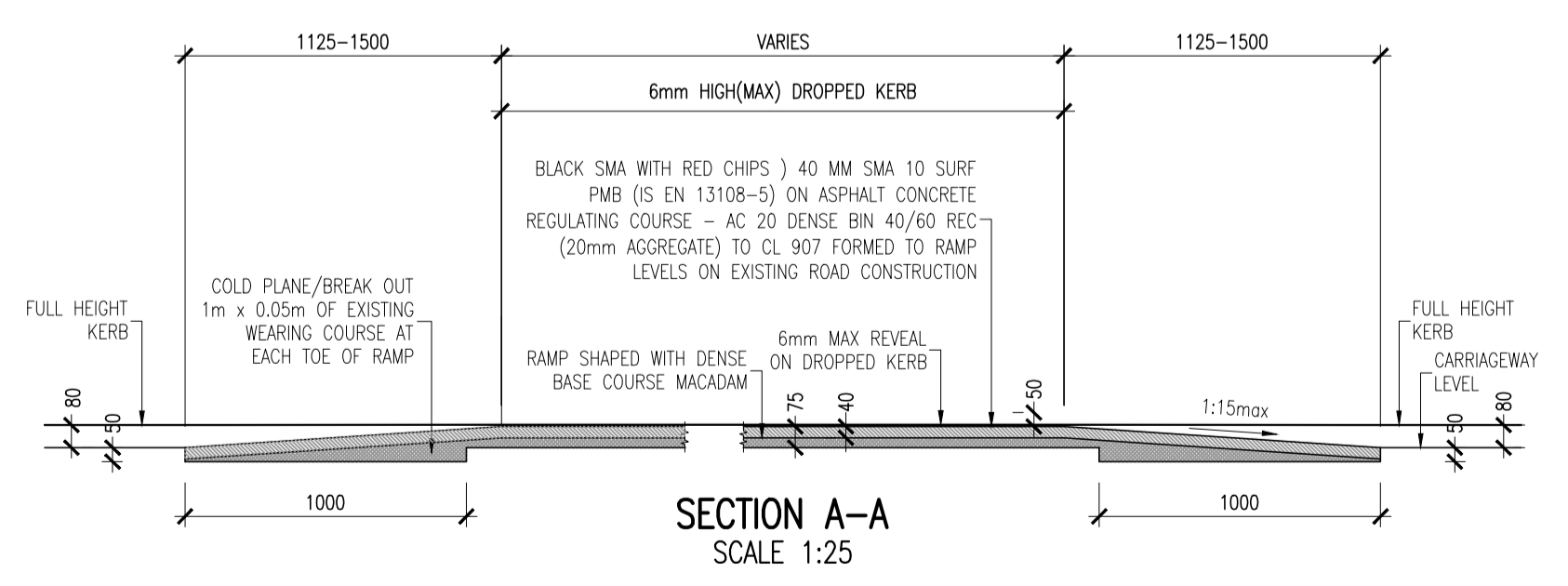
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- NOTES:
- CLOSE GRADED SURFACE COURSE MACADAM SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 912 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' AND SHALL SATISFY THE REQUIREMENTS OF TABLE 9/2. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702
 - DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 9/1. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
 - SUB-BASE MATERIAL SHALL COMPLY WITH CLAUSE 808 GRANULAR MATERIAL TYPE B OF NRA'S SPECIFICATION FOR ROAD WORKS (SRW) & SHALL SATISFY THE REQUIREMENTS OF TABLE 8/4 & 8/2.
 - SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 6/1 & 6/2
 - 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 |
- CRUSHED STONE 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 |
- 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 DBFL SPECIFICATIONS.
 - ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
 - ALL GEORIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 - ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.



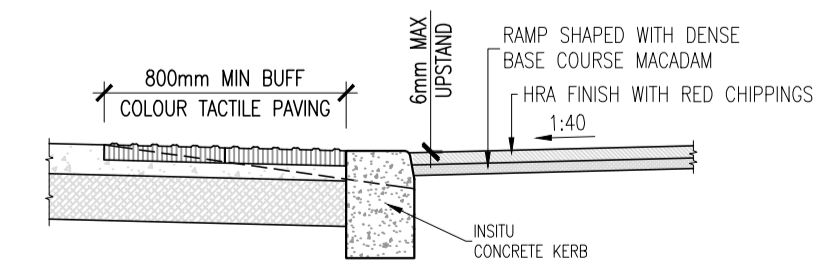
TYPICAL RAMPED JUNCTION
SCALE 1:50

FIGURE 3A



SECTION A-A
SCALE 1:25

FIGURE 3B



SECTION B-B
SCALE 1:25

FIGURE 3C

Table 1

CBR (%)	Depth of Capping (mm)
2	600
3	350
4	300
5	250
8	200

rev	date	description	PGC	ED
0	26-06-25	LRO APPLICATION		

STATUS CODES

purpose	acceptance
P3 - PLANNING PERMISSION	S - ISSUED

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project ref.
 SANDFORD ROAD, MILLTOWN

drawing title
 TYPICAL ROAD CONSTRUCTION
 DETAILS SHEET 4

client
 SANDFORD LIVING LIMITED

designed by	author	scale	sheet size
BK	OWF	AS SHOWN	A1

drawing no.	revision
190226-X-04-Z00-DTM-DR-DBFL-CE-5204	0