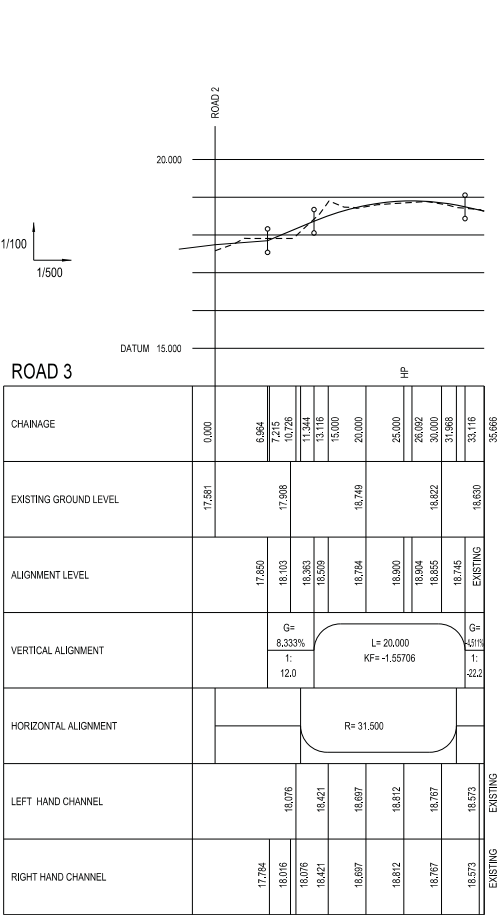
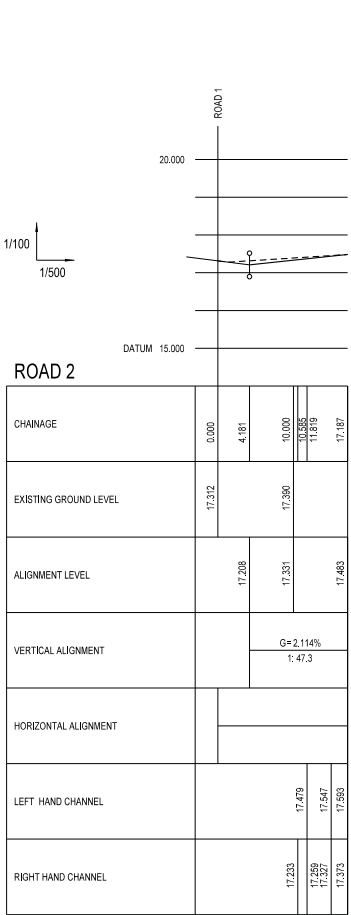
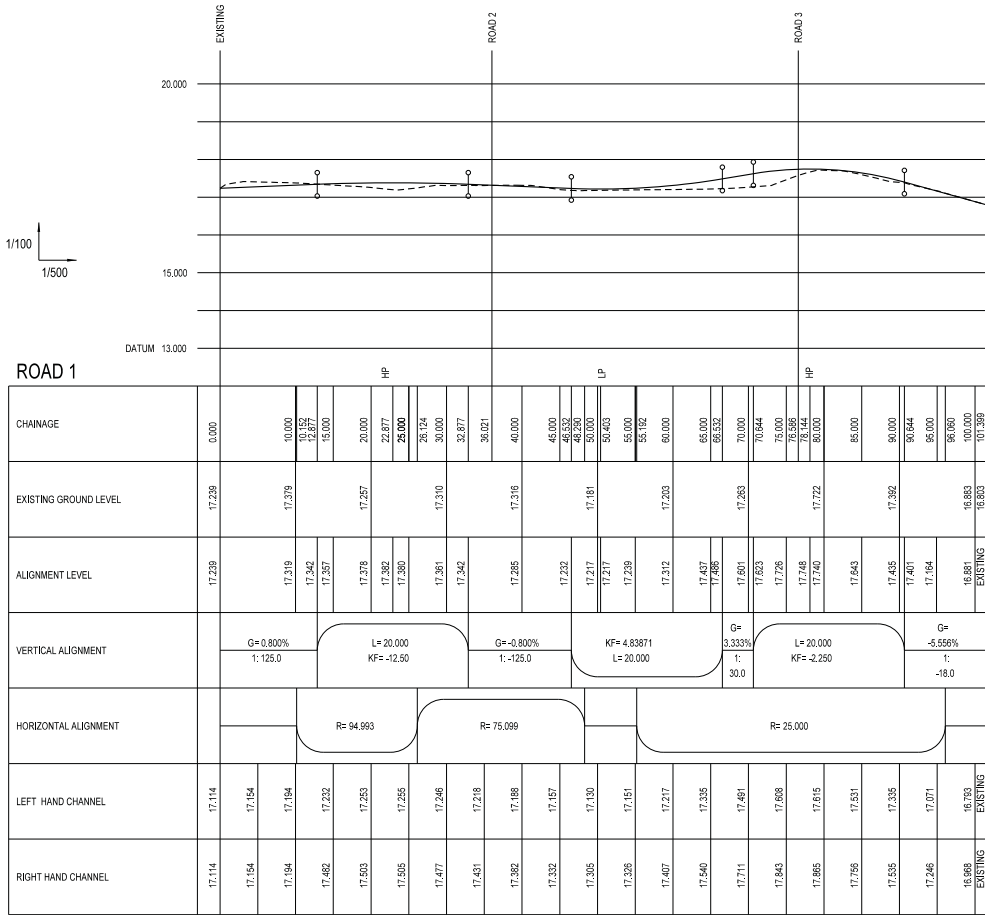


- 1.THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, LANDSCAPE ARCHITECT'S AND ENGINEERS' DRAWINGS AND SPECIFICATIONS.
2. ALL WORKING DIMENSIONS TO BE CHECKED ON SITE.
3. DO NOT SCALE.
4. ANY DISCREPANCIES BETWEEN DRAWINGS OF DIFFERENT SCALES AND BETWEEN DRAWINGS AND SPECIFICATION WHERE APPROPRIATE TO BE NOTIFIED TO THE ENGINEER FOR DECISION.
5. COPYRIGHT RESERVED, THIS DRAWING MAY ONLY BE USED FOR THE CLIENT AND LOCATION SPECIFIED IN THE TITLE BLOCK. IT MAY NOT BE COPIED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF AKI.
6. REFER TO DRAWING A041949-C-510 FOR HORIZONTAL GEOMETRY AND PLAN LAYOUT.

LEGEND

- EXISTING GROUND PROFILE
- PROPOSED ROAD PROFILE



REFERENCE TO ROAD 1, ROAD 2 AND ROAD 3 ON THE LAYOUT PLANS (C510) SEEKS TO IDENTIFY THE DETAILS CONTAINED WITHIN THE BOXES ON THIS DRAWING.

Key Plan:



Rev.	Description	Date	By
P1	ISSUED FOR PLANNING	23.06.10	MD
P2	PLANNING ISSUE	01.07.10	MD
P3	PLANNING ISSUE	15.07.10	MD
P4	PLANNING ISSUE	28.07.10	MD
P5	PLANNING ISSUE	11.08.10	MD
P6	PLANNING ISSUE	11.08.10	MD

Project No: 08.33082.09

Drawn by: DS

Drawn Date : APRIL 2010

Reviewed by : MD

Scale: AS SHOWN

Original drawing is A1 at scale above

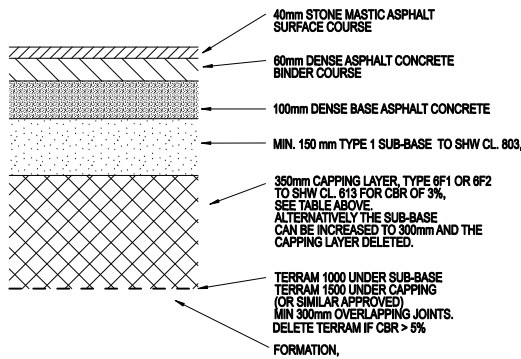
Do not scale dimensions from drawings

Site work is to be made in conjunction with all relevant documents and drawings

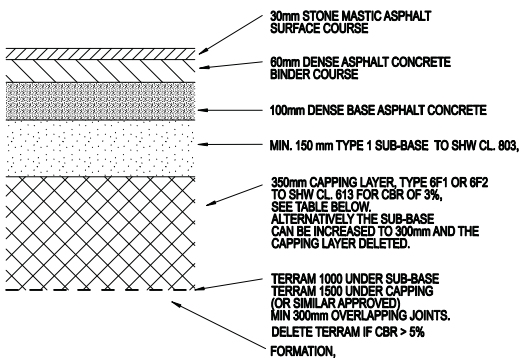
British Library Access
Sheet Title:
LONGITUDINAL SECTIONS
Sheet Number:
C-511

Revision:

P6



## 1- BITUMINOUS DEVELOPMENT ACCESS ROAD CONSTRUCTION AT JUNCTION WITH MAIN ROAD

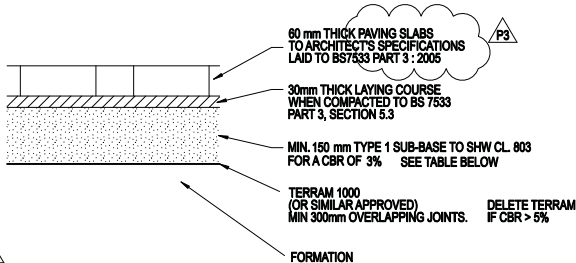


## 2- BITUMINOUS DEVELOPMENT ACCESS ROAD CONSTRUCTION

THE PAVEMENT FOUNDATION DEPTH SHOULD BE AMENDED IN ACCORDANCE WITH THE TABLE BELOW SHOULD THE MEASURED CBR VALUE DIFFER FROM 3%

CBR		LESS THAN 2%	2	3	4	5	8	10	>15
STANDARD CONSTRUCTION	150mm SUB-BASE	150	150	150	150	150	150	150	150
	DEPTH OF CAPPING	600	450	350	300	250	210	190	-
INCREASE DEPTH OF TYPE 1 SUB-BASE AND DELETE CAPPING		-	350	300	270	225	190	170	-

PAVEMENT FOUNDATION DEPTHS FOR VARYING FORMATION CBR VALUES.

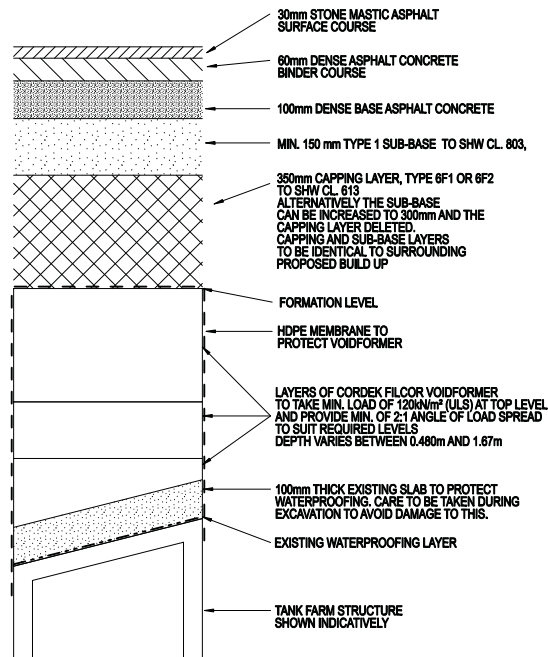


## 4- SLAB AND TACTILE PAVING FOOTWAY CONSTRUCTION

THE PAVEMENT FOUNDATION DEPTHS SHOULD BE AMENDED IN ACCORDANCE WITH THE TABLE BELOW SHOULD THE MEASURED CBR VALUE DIFFER FROM 3%

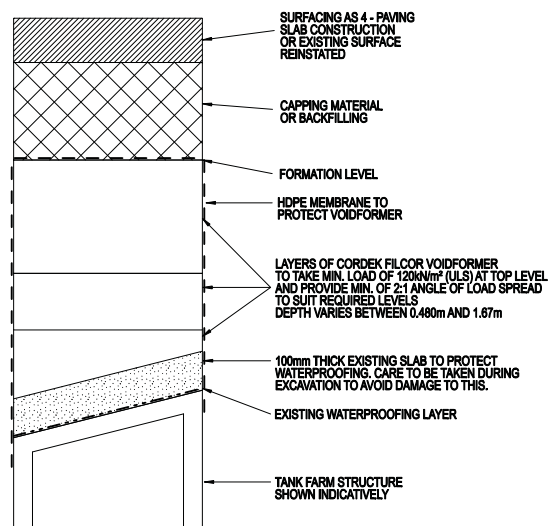
CBR	LESS THAN 2%	2	3	4	5 OR ABOVE
DEPTH OF TYPE 1 SUB-BASE	250	250	200	200	150

PAVEMENT FOUNDATION DEPTHS FOR VARYING FORMATION CBR VALUES.

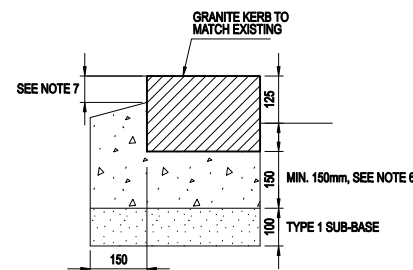


## 3- BITUMINOUS DEVELOPMENT ACCESS ROAD CONSTRUCTION WITH VOID FORMER FILLING OVER TANK FARM STRUCTURE

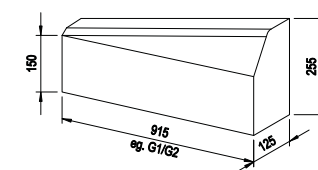
DESIGN BASED ON MAXIMUM VEHICLE LOAD OF 30T (FIRE ENGINE) OR HIGHWAYS AGENCY HB VEHICLE



## 5- PAVING FOOTWAY CONSTRUCTION AND OTHER AREAS WITH VOID FORMER FILLING OVER TANK FARM STRUCTURE

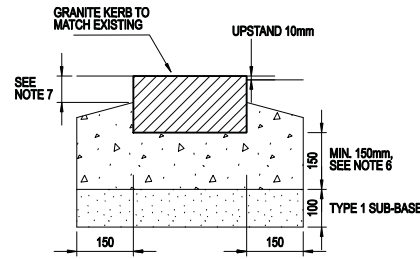


KERB TYPE G1

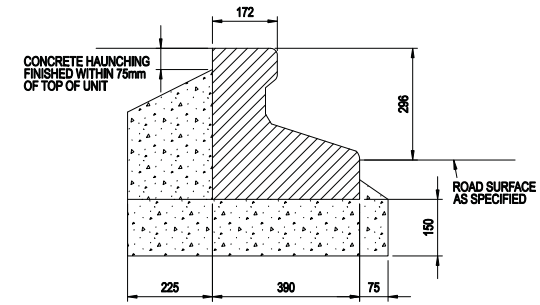


OTHER DROPPER COMBINATIONS SHALL BE MANUFACTURED TO THE DIMENSIONS SHOWN ON THE DRAWINGS. ALL TRANSITION/DROPPER KERBS ARE TO HAVE A CONCRETE BEDDING AND BACKING

## DROPPER/TRANSITION KERBS DK



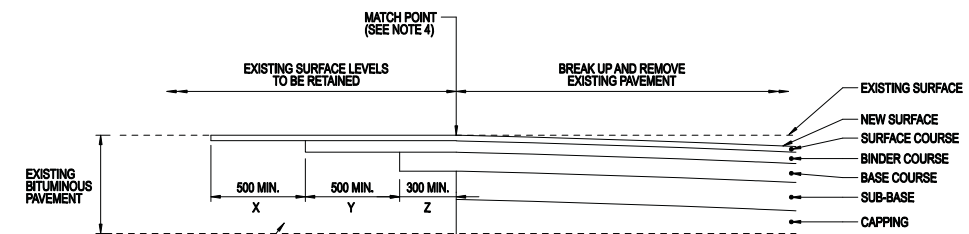
KERB TYPE G2



## KERB TYPE K3 TITAN KERB

### NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES.
- ALL PRECAST CONCRETE KERBS AND EDGING SHALL BE IN ACCORDANCE WITH BS EN 1340 AND NBS SPECIFICATION Q10 AND LAID IN ACCORDANCE WITH BS 7533-6.
- GRANITE KERBS SHALL COMPLY WITH BS EN 1343:2001 AND BE LAID TO BS 7533-6.
- FOR INTERNAL OR EXTERNAL RADIUS KERBS OF 12m OR LESS, USE KERBS MANUFACTURED TO AN APPROPRIATE RADIUS.
- BEDDING AND BACKING TO GEN 0 (OR ST1) CONCRETE.
- ALL CONCRETE BEDDING TO BE LAID ON A MINIMUM OF 100mm SUB-BASE. THE BASE OF THE KERB BEDDING IS TO BE SET LEVEL WITH THE TOP OF THE SUB-BASE, SUBJECT TO A MINIMUM DEPTH OF CONCRETE OF 150mm.
- THE DEPTH OF CONCRETE HAUNCH BELOW THE TOP OF KERB WILL BE DETERMINED BY THE MINIMUM CONSTRUCTION THICKNESS OF THE ADJACENT SURFACING.
- WHERE THE RE-USE OF RECLAIMED MATERIALS IS PERMITTED, THEY SHALL BE RE-DRESSED TO THE ACCEPTANCE OF THE PROJECT MANAGER AND LAID IN ACCEPTABLE LENGTHS.
- KERB JOINTS TO BE 2mm MINIMUM (NO MORTAR).
- CLOSURES ARE TO BE A MINIMUM LENGTH OF 300mm. CUTS ARE TO BE SAWN.



## NEW ROAD SURFACE AT SAME LEVEL AS OR BELOW EXISTING ROAD SURFACE

### NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES.
- PRIOR TO THE CONSTRUCTION OF THE TRANSITION, THE EXISTING PAVEMENT SHALL BE EXAMINED BY THE PROJECT MANAGER FOR SIGNS OF DETERIORATION. ALL DETERIORATED AREAS SHALL BE PATCHED, LOCALLY RECONSTRUCTED OR OTHERWISE DEALT WITH AS DIRECTED BY THE PROJECT MANAGER.
- DIMENSIONS X, Y AND Z SHALL BE AS SHOWN UNLESS INDICATED OTHERWISE ON THE DETAILED LAYOUT DRAWINGS.
- MATCH POINT IS THE POINT/SECTION WHERE THE NEW SURFACE LEVELS AND ALIGNMENTS MATCH THE EXISTING SURFACE LEVELS AND ALIGNMENTS.
- FINAL CUTTING BACK OF ANY PAVEMENT LAYER SHALL ONLY BE UNDERTAKEN AFTER THE UNDERLYING LAYER HAS BEEN LAID.
- THE SHAPE OF THE EXCAVATED SURFACE SHALL BE IMPROVED IF NECESSARY BY THE ADDITION OF THE APPROPRIATE REGULATING COURSE.
- ALL BOUND EDGES OF EXCAVATION SHALL BE CUT BACK AS NECESSARY TO ENSURE THAT THEY ARE NEAT, VERTICAL AND IN STRAIGHT LINES.
- IMMEDIATELY BEFORE BITUMINOUS LAYERS ARE REINSTATED, ALL BOUND EDGES, KERBS AND EXPOSED IRONWORK SHALL BE PAINTED WITH A BITUMEN BASED EDGE SEALANT. A BITUMINOUS SPRAY OR TACK COAT SHALL ALSO BE APPLIED TO THE SURFACE OF THE UNDERLYING BITUMINOUS LAYER.

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Key Plan:



Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

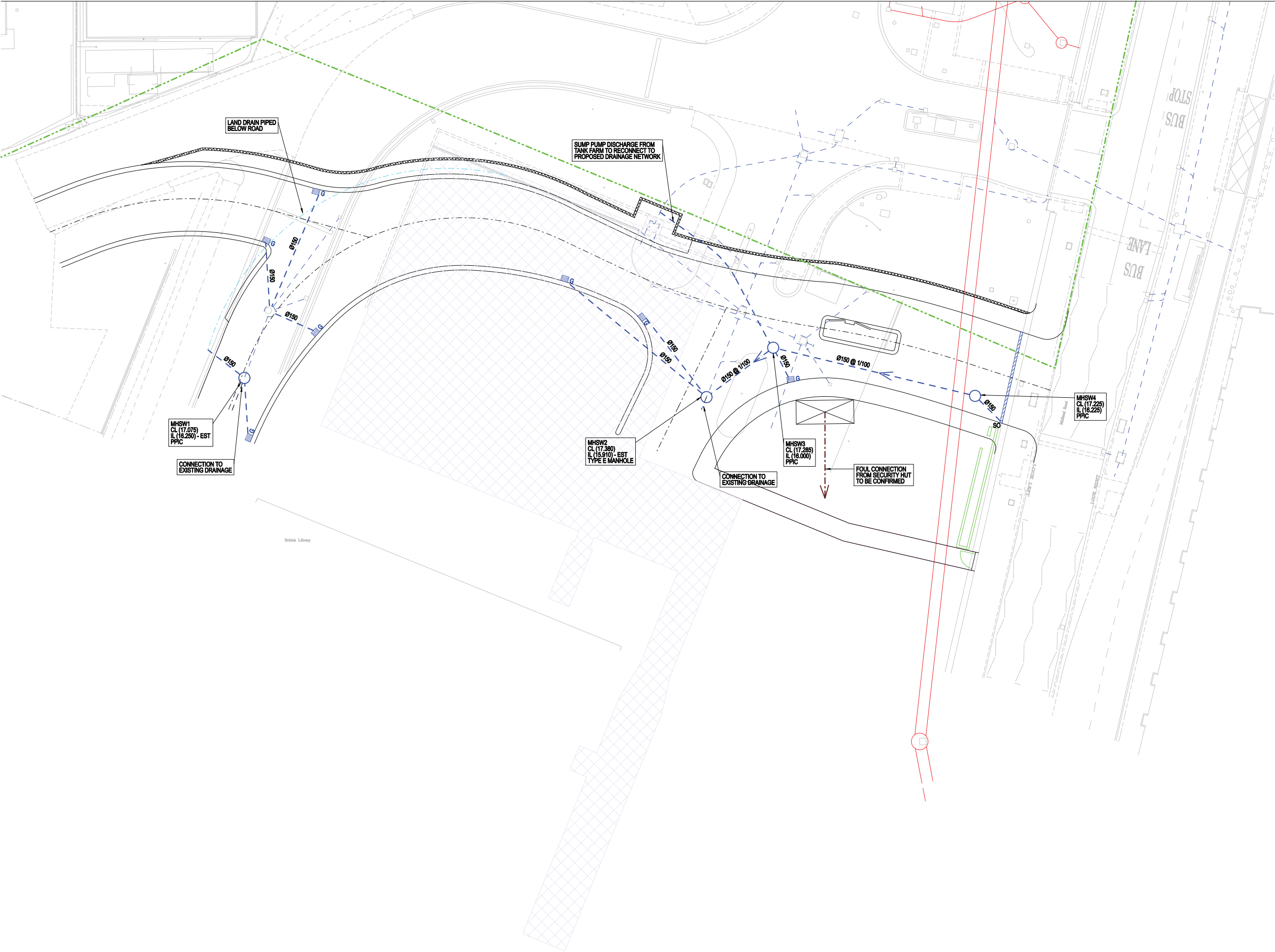
Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

Rev.	Description	Date	By	Project No:
P1	ISSUED FOR PLANNING	23.06.10	MD	06.33062.09
P2	PLANNING ISSUE	01.07.10	MD	Drawn by: DS
P3	BLOCK PAVING CHANGED TO SLABS	26.07.10	MD	Drawn Date: APRIL 2010
				Reviewed by: MD
				Scale: 1 : 10
				Original drawing is A1 at scale above

<b>British Library Access</b>	
Sheet Title: <b>ROAD ARRANGEMENT ROAD AND KERBS CONSTRUCTION DETAILS</b>	
Sheet Number: <b>C-513</b>	Revision: <b>P3</b>



1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS' DRAWINGS AND SPECIFICATIONS.
2. ALL WORKING DIMENSIONS TO BE CHECKED ON SITE.
3. DO NOT SCALE.
4. ANY DISCREPANCIES BETWEEN DRAWINGS OF DIFFERENT SCALES AND BETWEEN DRAWINGS AND SPECIFICATION WHERE APPROPRIATE TO BE NOTIFIED TO THE ENGINEER FOR DECISION.
5. COPYRIGHT RESERVED. THIS DRAWING MAY ONLY BE USED FOR THE CLIENT AND LOCATION SPECIFIED IN THE TITLE BLOCK. IT MAY NOT BE COPIED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF AKT.
6. INVERT LEVELS OF PROPOSED SURFACE WATER MANHOLES TO TIE IN WITH EXISTING DRAINAGE INVERT LEVEL.
7. COVER LEVELS OF MANHOLES TO BE CONFIRMED.
8. PIPE MATERIAL TO BE VITRIFIED CLAY.

**LEGEND**

- SITE BOUNDARY
- British Library Tank Farm
- EXISTING COMBINED WATER DRAINAGE
- EXISTING COMBINED WATER MANHOLE
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED LAND DRAIN
- PROPOSED FOUL WATER DRAINAGE
- G PROPOSED SURFACE WATER GULLY
- PPIC POLYPROPYLENE INSPECTION CHAMBER
- EST ESTIMATED
- SO PROPOSED DRAINAGE CHANNEL WITH SUMP OUTLET
- XXXXX PROPOSED LOCATION FOR BUND DESIGN TO BE CONFIRMED



Rev.	Description	Date	By	Project No: 06.33062.09	British Library Access
P1	ISSUED FOR PLANNING	23.06.10	MD	Drawn by: DS	Sheet Title:
P2	ISSUED FOR COMMENTS	25.06.10	MD	Drawn Date: APRIL 2010	ROAD ARRANGEMENT
P3	PLANNING ISSUE	01.07.10	MD	Reviewed by: MD	PROPOSED DRAINAGE
P4	PLANNING ISSUE	16.07.10	MD	Original drawing is A1 at scale above	
P5	PLANNING ISSUE	28.07.10	MD	Do not scale dimensions from drawings Site work to dimensions after construction Report all dimensions after construction This drawing is to be read in conjunction with all relevant documents and drawings	Sheet Number: C-514
					Revision: P5