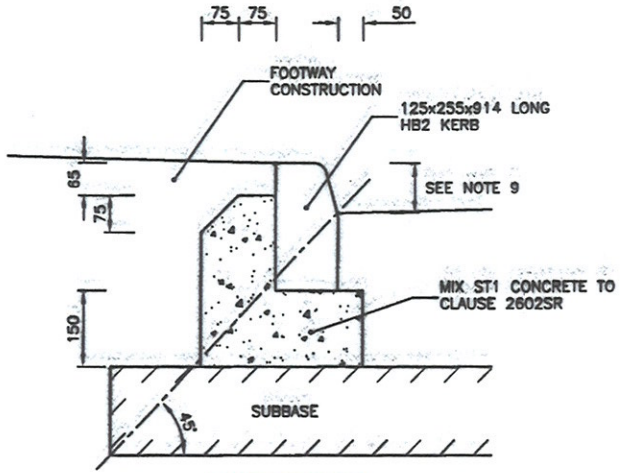
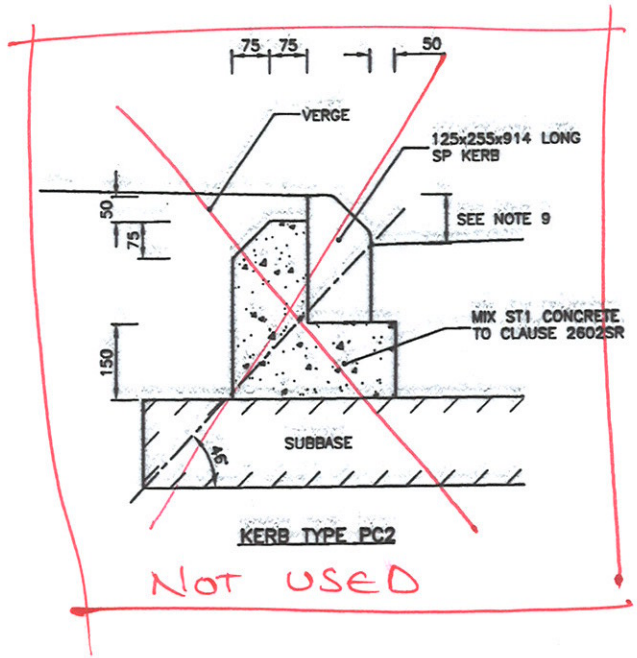
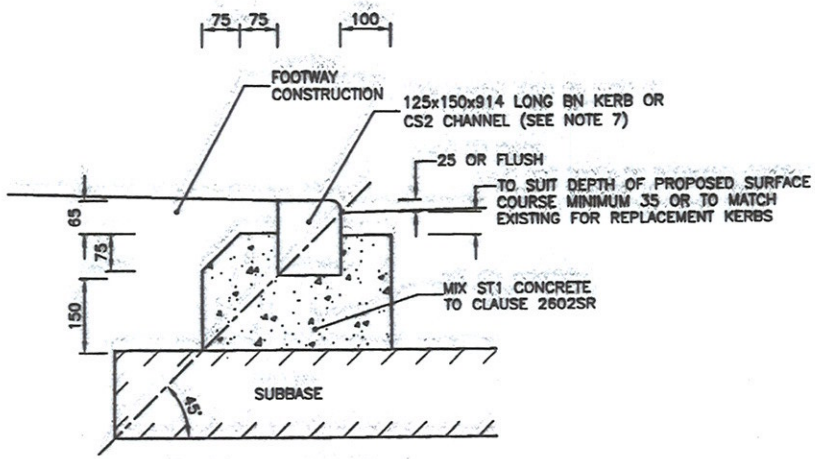


KERB TYPE PC1



KERB TYPE PC2

NOT USED



KERB TYPE PC3 (25 UPSTAND)
KERB TYPE PC4 (FLUSH)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. KERBS SHALL BE PRECAST CONCRETE KERBS COMPLYING WITH BS EN 1340.
   WEATHERING RESISTANCE: CLASS 3
   BENDING STRENGTH: CLASS 2
   ABRASION RESISTANCE: CLASS 3.
   SLIP/SKID RESISTANCE: MIN P.P.T.V. 45 TO BS 7932.
3. MIX ST1 CONCRETE KERB BEDDING TO CLAUSE 2602SR SHALL BE LAID ON SUBBASE AND SHALL BE A MINIMUM THICKNESS OF 150. SUBBASE SHALL BE EXCAVATED WHERE NECESSARY TO ACHIEVE 150 THICKNESS. RECOMPACT DISTURBED SUBBASE PRIOR TO CONSTRUCTION OF KERB BASE.
4. WHERE EXCAVATION INTO EXISTING CARRIAGEWAY IS REQUIRED A TRENCH SHALL BE EXCAVATED OF SUFFICIENT DEPTH AND WIDTH TO ACCOMMODATE THE COMPLETE BED AND BACKING OF THE KERB TYPE SCHEDULED. (SEE DWG No HCC9/M/010)
5. AS DESCRIBED IN CLAUSE 1101, SUB-CLAUSE 1, KERBS MAY BE LAID AND BEDDED ON MORTAR OR LAID DIRECTLY ONTO STILL PLASTIC CONCRETE BED AS ILLUSTRATED HERE.
6. THE APPROPRIATE 914 LONG PRECAST CONCRETE TRANSITION KERB SHALL BE INSTALLED AT EACH CHANGE IN KERB TYPE, TIE-INS TO EXISTING AND AT TERMINATIONS.
7. UNLESS SPECIFIED ELSEWHERE FOR KERB TYPE PC4 (FLUSH) 125 x 150 x 914 CS2 SQUARE CHANNELS TO BE USED.
8. THE MINIMUM LENGTH OF ANY CUT KERB SHALL BE 450.
9. THE KERB UPSTAND FOR TYPES PC1 AND PC2 SHALL BE 100 UNLESS OTHERWISE STATED, EXCEPT OVER BRIDGES WHERE IT SHALL BE 75 ALONG THE LENGTH OF THE PARAPET.

	AMENDMENT	DATE	DRAWN	CHKD	APPD
A	PC3/4 DETAIL AND NOTE 9 AMENDED	DEC. 08	MT	MT	MT

CONSULTANT

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SCHEME

STANDARD DETAILS

DRAWING TITLE

PRECAST CONCRETE KERB

HCC Oldlab 12 Feb 2009 at 9:39am

DRAWN MT	CHECKED MT , MT	SCALE @ A3	N.T.S
CAD TRK	APPROVED TPW , TPW	DATE	MAY 2007
DWG No. HCC9/C/010		REVISION	A

HCC CADfile: K:_Eng\Standard\AutoCAD\Standard Details (Secure) 2007_2008\C_010a.dwg

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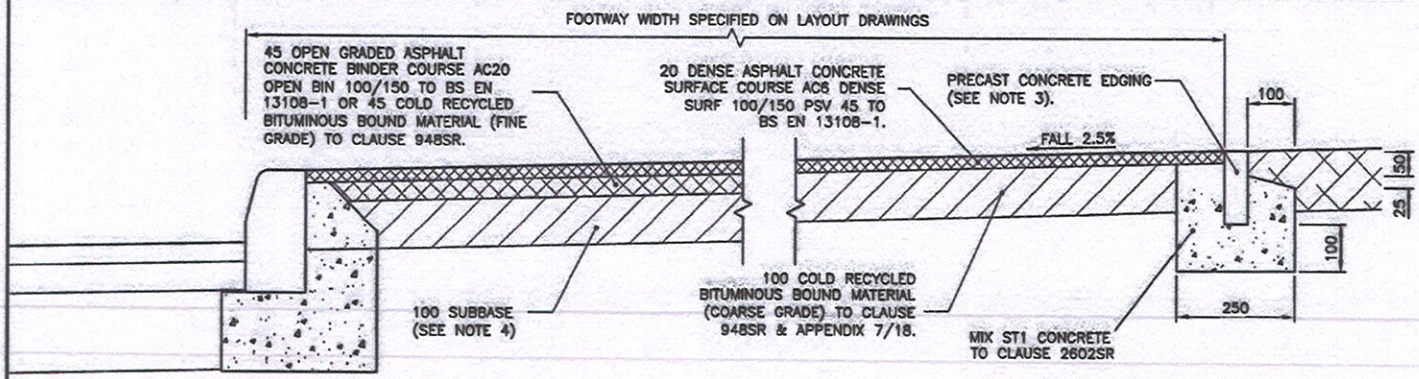
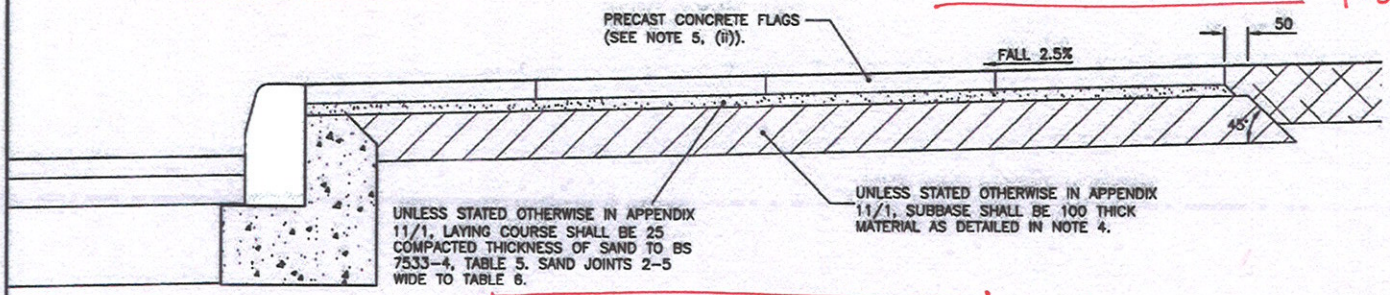


FOOTWAY TYPE 1B
ALTERNATIVE FLEXIBLE CONSTRUCTION

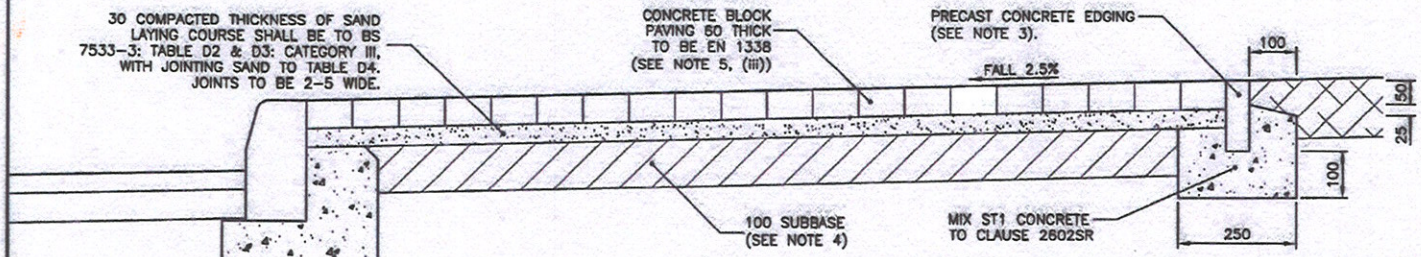
FOOTWAY TYPE 1A
PREFERRED FLEXIBLE CONSTRUCTION

Not used



FOOTWAY TYPE 2 – PRECAST CONCRETE FLAGS

Not used



FOOTWAY TYPE 3 – CONCRETE BLOCK PAVING

Not used.

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NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. SEE ALSO APPENDIX 11/1.
3. PRECAST CONCRETE EDGINGS SHALL BE 150x50 TYPE EF TO BS EN 1340.
   WEATHERING RESISTANCE: CLASS 3
   BENDING STRENGTH: CLASS 2
   ABRASION RESISTANCE: CLASS 3.
   SLIP/SKID RESISTANCE: MIN P.P.T.V. 45 TO BS 7932.
4. SUBBASE SHALL BE ONE OF THE MATERIALS COMPLYING WITH CLAUSE 891AR, 892AR OR 893AR.
5. (i) FOOTWAY TYPE 1A AND 1B SHALL BE IN ACCORDANCE WITH CL. 1105. TREATMENT OF LAYERS AND JOINTS TO BE IN ACCORDANCE WITH CL 903.
   (ii) FOOTWAY TYPE 2 SHALL BE IN ACCORDANCE WITH CL. 1104 AND FLAGS TO BS EN 1339
   TENSILE SPLITTING STRENGTH: MIN. 3.6(Mpa)
   WEATHERING RESISTANCE: CLASS 3
   SLIP/SKID RESISTANCE: MIN PPTV 45 TO BS 7932.
   (iii) FOOTWAY TYPE 3 SHALL BE IN ACCORDANCE WITH CL. 1107 AND BLOCKS TO BS EN 1338
   BENDING TENSILE STRENGTH: CLASS 3
   WEATHERING RESISTANCE: CLASS 3
   SLIP/SKID RESISTANCE: MIN PPTV 45 TO BS 7932.
6. THESE DETAILS SHOW FOOTWAYS ABUTTING CARRIAGEWAY. WHERE FOOTWAY DOES NOT ABUT THE CARRIAGEWAY, BOTH EDGE TREATMENTS SHALL BE AS DETAILED ON THE RIGHT HAND SIDE OF THE SECTION.
7. WHERE DETAILED IN APPENDIX 11/1 GEOTEXTILE OR ROOT BARRIER SHALL BE INSTALLED AT FOOTWAY FORMATION.
8. KERB TYPE SHALL BE AS SPECIFIED ON LAYOUT DRAWINGS.
9. WHEN EXCAVATING TO FOOTWAY FORMATION THE FULL DEPTH OF EXISTING TOPSOIL SHALL BE REMOVED. ANY ADDITIONAL DEPTH OF EXCAVATION RESULTING FROM THIS SHALL BE BACKFILLED WITH SUBBASE AS NOTE 4.

NOTES CONT.

10. WHERE FOOTWAY IS LIKELY TO BE OVER-RIDDEN ON A REGULAR BASIS FOOTWAY TYPES 5, 6A OR 6B SHALL BE USED (SEE HCC9/C/055).
11. WHERE FOOTWAYS ARE TO BE CONSTRUCTED IN AREA OF PLASTIC CLAY, IN FLOOD PLAINS, NEAR TREES WITH A HIGH WATER DEMAND, NEAR EMBANKMENTS OR ON LOW BEARING CAPACITY SOILS, THE FOOTWAY CONSTRUCTION SHOULD BE REINFORCED TO PREVENT CONSEQUENTIAL SHRINKAGE CRACKING (SEE NOTES FOR GUIDANCE FOR MORE INFORMATION).'

	AMENDMENT	DATE	DRAWN	CHKD	APPD
C	FOOTWAY TYPE 1 PREFERENCE, SAND BED JOINTING AND NOTES 4 & 5 AMENDED.	DEC. 11	MT		
B	BINDER COURSE, NOTES 5 & 10 AMENDED	DEC. 08	MT	MT	PS
A	SURFACE AND BINDER COURSE NOTES AMENDED	JAN. 08	MT	MT	TPW

CONSULTANT

Hampshire County Council Engineering Consultancy

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SCHEME

STANDARD DETAILS

DRAWING TITLE

FOOTWAYS
TYPE 1A, 1B, 2 AND 3

HCC CADplot: 09 Jan 2012 at 3:47pm

DRAWN: MT	CHECKED: MT , MT	SCALE @ A3: N.T.S.	
CAD: TRK	APPROVED: TPW , TPW	DATE: MAY 2007	
DRG No.: HCC9/C/045		REVISION: C	

HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) As Updated Dec 2011\C Series\C_045c.dwg

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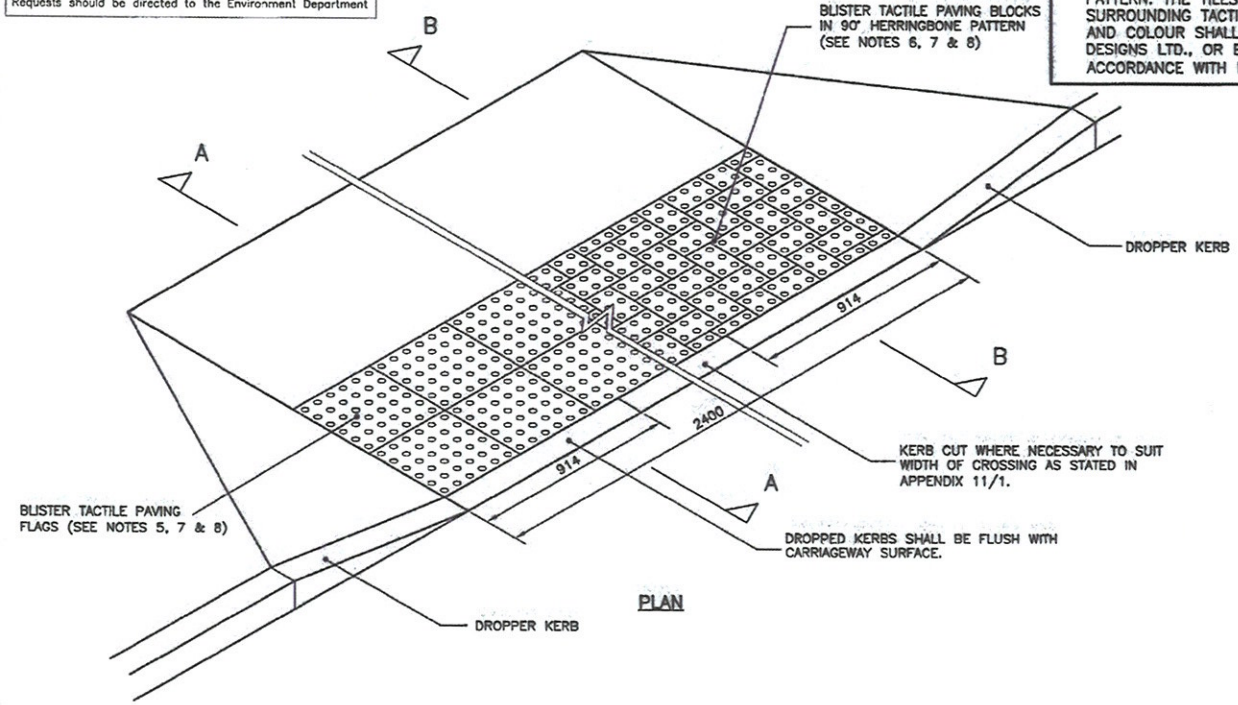
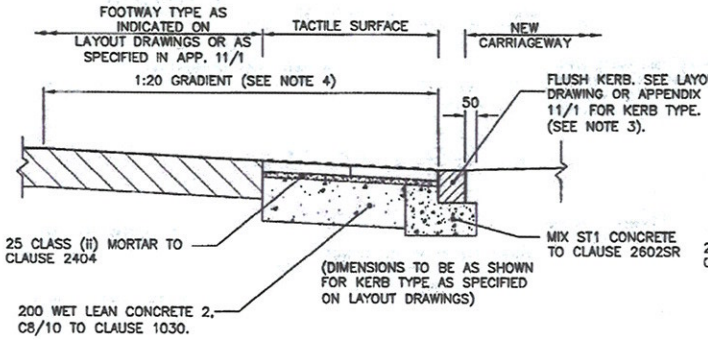
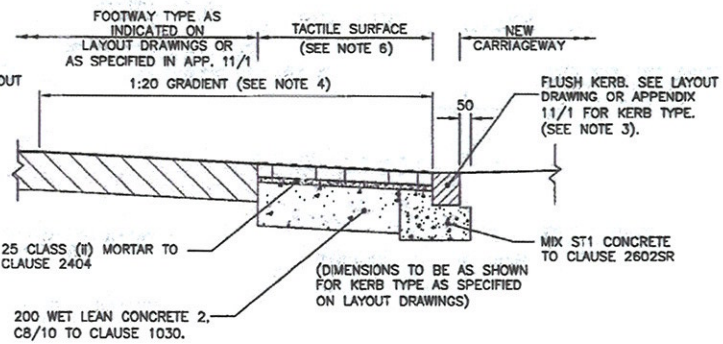
10. WHERE A SERVICE COVER OCCURS WITHIN AN AREA OF TACTILE FLAG PAVING THE CONTRACTOR SHALL APPLY 'STICK-ON' TILES TO THE SURFACE AREA OF THE COVER TO PROVIDE CONTINUITY OF PATTERN. THE TILES SHALL MATCH THE SURROUNDING TACTILE IN PATTERN, ORIENTATION AND COLOUR SHALL BE AS SUPPLIED BY VISUAL DESIGNS LTD., OR EQUIVALENT. ALL INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.



PLAN



SECTION A-A
TACTILE PAVING MODULE TYPE 2



SECTION B-B
TACTILE PAVING MODULE TYPE 3

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. UNLESS OTHERWISE STATED IN APPENDIX 11/1, THE WIDTH OF THE DROPPED CROSSING SHALL BE 2400 AS SHOWN ON THIS DETAIL.
3. AS DESCRIBED IN CLAUSE 1101, SUB-CLAUSE 1, KERBS MAY BE LAID AND BEDDED ON MORTAR OR LAID DIRECTLY ON TO STILL PLASTIC CONCRETE AS ILLUSTRATED HERE.
4. THE GRADIENT OF THE DROPPED CROSSING SHALL BE 1 IN 20, BUT THE OVERSEEING ORGANISATION WILL DETERMINE THE PRECISE GRADIENT ON SITE PRIOR TO CONSTRUCTION.
5. UNLESS STATED ON LAYOUT DRAWING OR IN APPENDIX 11/1, TACTILE PAVING SHALL BE BUTT JOINTED BLISTER TACTILE FLAGS MODULE TYPE 2, 400 x 400 x 50 THICK MANUFACTURED TO BS EN 1339 AND DD CEN/TS 15209:2008.
6. AT LOCATIONS WHERE THE TACTILE PAVING MAY BE OVERRIDDEN BY HEAVY VEHICLES AND WHERE INDICATED ON THE LAYOUT DRAWINGS OR IN APPENDIX 11/1, MODULE TYPE 3, 200 x 133 x 60 THICK BUTT JOINTED CONCRETE TACTILE PAVING BLOCKS TO BS EN 1338 AND DD CEN/TS 15209:2008 LAID IN 90° HERRINGBONE PATTERN TO THE OVERALL DIMENSIONS SHOWN, SHALL BE USED. CUT BLOCKS SHALL NOT BE LAID IF LESS THAN 1/2 OF A FULL BLOCK.
7. ONLY ONE MODULE TYPE SHALL BE USED WITHIN EACH PEDESTRIAN CROSSING
8. UNLESS OTHERWISE STATED IN APPENDIX 11/1, BLISTER TACTILE UNITS SHALL BE BUFF COLOURED.
9. NOTWITHSTANDING SUB-CLAUSE 5 OF CLAUSE 1101, THE SURFACE LEVEL OF THE DROPPED KERBS AND AT LEAST 5 FULL HEIGHT KERBS EITHER SIDE SHALL NOT DEVIATE FROM THE DESIGN LEVEL.

	AMENDMENT	DATE	DRAWN	CHKD	APPD
B	SUBBASE AND NOTES 5 & 6 AMENDED	DEC. 11	MT		
A	KERB BED DIMENSION ADDED.	DEC. 06	MT	MT	PS

CONSULTANT

Hampshire County Council Engineering Consultancy

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SCHEME

STANDARD DETAILS

DRAWING TITLE

UNCONTROLLED PEDESTRIAN CROSSING IN NEW WORKS

HCC CADplot: 04 Jan 2012 at 4:34pm

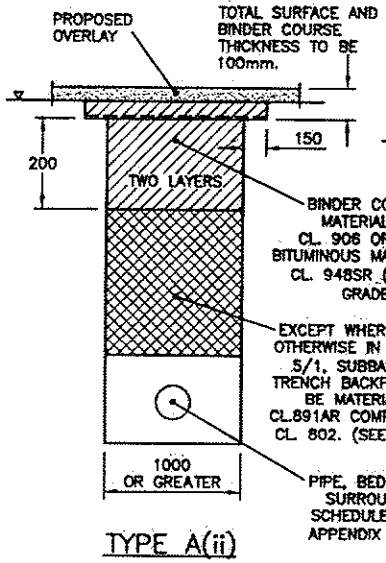
DRAWN MT	CHECKED MT , MT	SCALE @ A3	N.T.S.
CAD TRK	APPROVED TPW , TPW	DATE	APR 2007
DRG No. HCC9/C/060		REVISION	B

HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) As Updated Dec 2011\C Series\C_060b.dwg

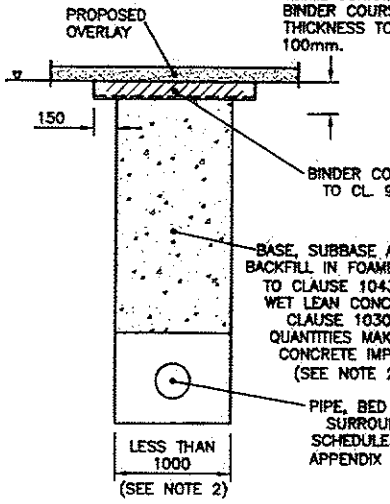
REINSTATEMENT TYPE A

WHERE EXISTING CARRIAGEWAY IS TO BE OVERLAID

TYPE A(i)



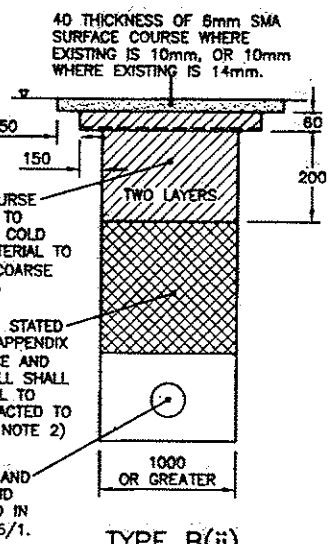
TYPE A(ii)



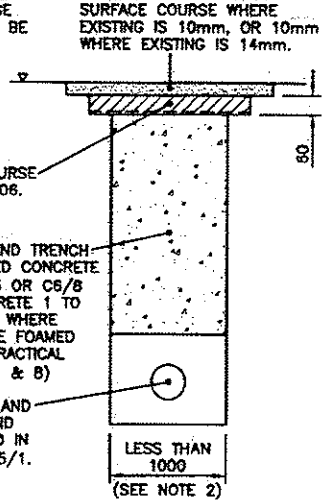
REINSTATEMENT TYPE B

WHERE EXISTING SURFACING IS THIN SURFACE COURSE SYSTEM OR STONE MASTIC ASPHALT

TYPE B(i)



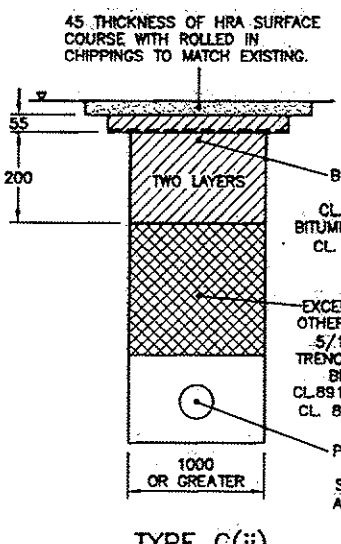
TYPE B(ii)



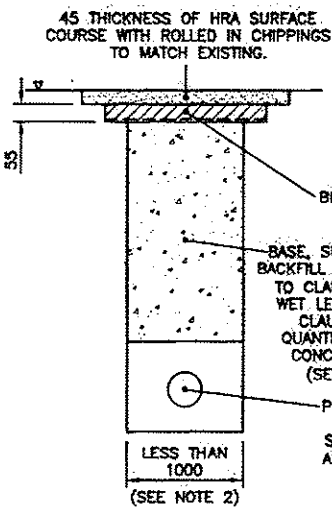
REINSTATEMENT TYPE C

WHERE EXISTING SURFACING IS HOT ROLLED ASPHALT OR SURFACE DRESSED SITES OF 40 MPH OR GREATER

TYPE C(i)



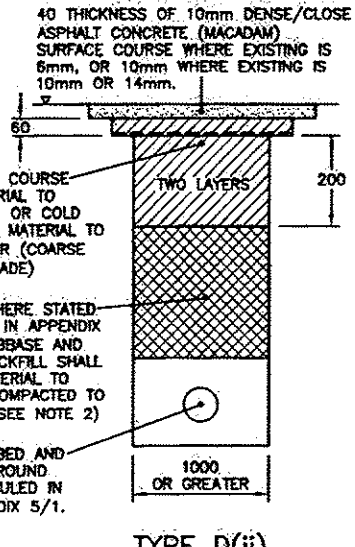
TYPE C(ii)



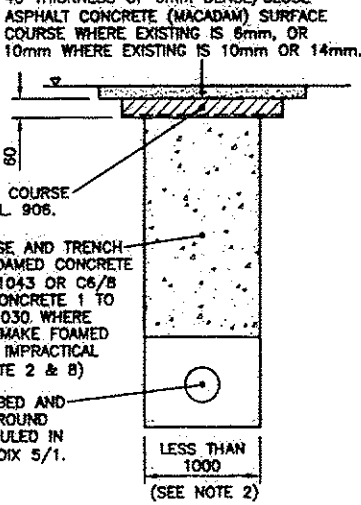
REINSTATEMENT TYPE D

WHERE EXISTING SURFACING IS DBM OR SURFACE DRESSED SITES OF 30 MPH

TYPE D(i)



TYPE D(ii)



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. SUBJECT TO THE APPROVAL OF THE OVERSEEING ORGANISATION REINSTATEMENT TYPES A (i) TO D (i) MAY BE USED FOR TRENCH WIDTHS OF 500 TO 1000 IF MAV 01 EXCAVATOR MOUNTED PLATE COMPACTOR, BY RF SYSTEMS OR EQUIVALENT, OPERATED ON THE LOWER FREQUENCY, IS USED TO COMPACT TRENCH BACKFILL.
3. THE REPLACEMENT OF THE ROAD STRUCTURE SHALL BE CARRIED OUT AS SOON AS PRACTICAL AFTER TRENCH BACKFILLING HAS BEEN COMPLETED.
4. THE EDGE OF THE TRENCH SHALL BE CUT TO A UNIFORM LINE CONSISTENT WITH THE WIDTH REQUIRED FOR THE PARTICULAR PIPES OR DUCTS BEING LAID. ANY PART OF THE STRUCTURE OF THE CARRIAGEWAY BEYOND THE WIDTH OF THE TRENCH WHICH HAS BEEN DAMAGED BY THE CONTRACTOR SHALL BE CUT OUT AND MADE GOOD.
5. SEE APPENDIX 7/2 FOR DETAILS OF AGGREGATE SIZE, MINIMUM PSV, MAXIMUM AAV, ETC.
6. UNLESS OTHERWISE STATED IN APPENDIX 7/2 A STRESS ABSORBING MEMBRANE (GEOGRID) SHALL BE INSTALLED BENEATH THE BINDER COURSE LAYER ACROSS TO FULL WIDTH INCLUDING THE JOINT OVERLAP. THE GRID SHALL HAVE A MINIMUM TENSILE STRENGTH IN BOTH DIRECTIONS OF 100kN/m AND SHALL OVERLAP THE TRENCH EDGES BY 150 MINIMUM. INSTALLATION IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
7. TREATMENT OF LAYERS AND VERTICAL JOINTS SHALL BE IN ACCORDANCE WITH CL 903.
8. WHERE WET LEAN CONCRETE 1 IS USED CRACKS SHALL BE INDUCED AT 3m CENTRES.

	AMENDMENT	DATE	DRAWN	CHKD	APPD
B	GENERAL UPDATE AND NOTE 8 ADDED.	DEC. 08	MT	MT	TPW
A	SURFACE COURSE AND TACK COAT NOTES AMENDED	JAN. 08	MT	MT	TPW

CONSULTANT

Hampshire County Council Engineering Consultancy

ADDRESS: ELIZABETH II COURT WEST, THE CASTLE, WINCHESTER

SCHEME

STANDARD DETAILS

DRAWING TITLE

REINSTATEMENT OF DRAIN AND DUCT TRENCHES IN EXISTING CARRIAGEWAYS

DRAWN	CHECKED	SCALE @ A3
MT	MT , MT	N.T.S.
CAD	APPROVED	DATE
TRK	TPW , TPW	MAY 2007
DRG No. HCC9/C/090		REVISION B

HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) 2007_2008\C_090b.dwg

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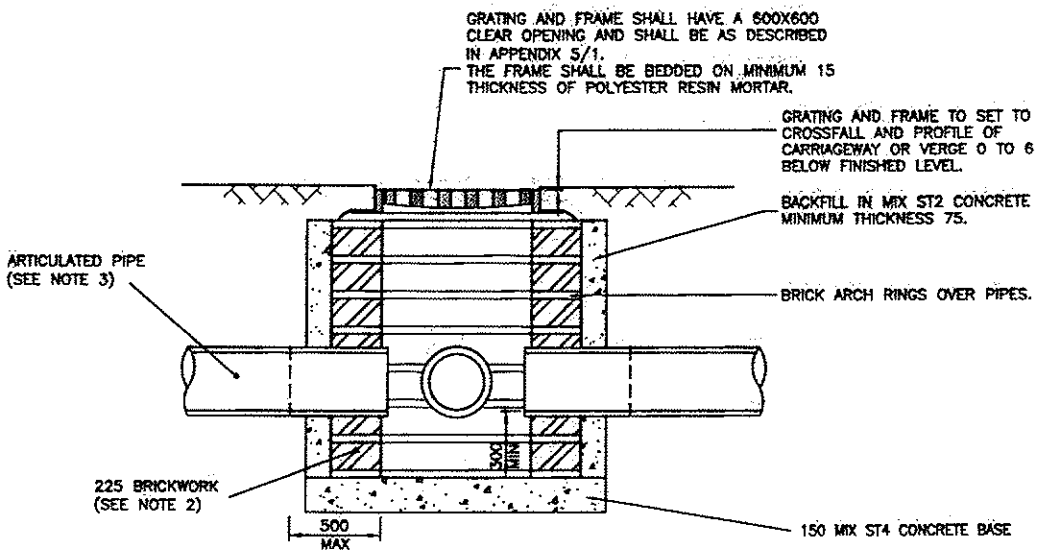
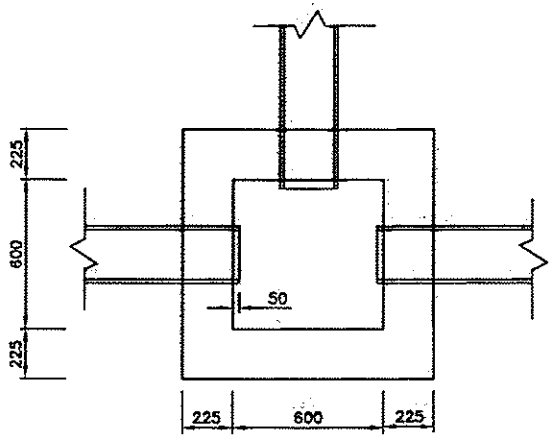
LEGEND

1. ——▽—— EXISTING ROAD SURFACE LEVEL
2. - - - - - - - - STRESS ABSORBING MEMBRANE (GEOGRID) REINFORCEMENT (SEE NOTE 6)



TYPICAL SECTION



PLAN

GRATING AND CONCRETE BACKFILL OMITTED FOR CLARITY

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NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. THE CHAMBER SHALL BE CONSTRUCTED OF HIGH DENSITY TYPE CLASS B SOLID CLAY ENGINEERING BRICKS TO BS EN 771-1 AND CLAUSE 2408 LAID ON CLASS (i) MORTAR TO CLAUSE 2404 IN ENGLISH BOND. IF THE CHAMBER IS TO BE TRAFFICKED WITHIN 48 HOURS OF BRICKWORK CONSTRUCTION, A RAPID HARDENING CEMENTITIOUS MORTAR SHALL BE USED.
3. A STUB PIPE SHALL BE PROVIDED FOR EACH PIPE CONNECTING TO THE CHAMBER OF SUFFICIENT LENGTH TO ENABLE THE NEXT PIPE TO BE JOINTED AND NOT BE RESTRICTED BY CONCRETE BACKFILL.
4. ALL CEMENT USED IN INSITU CONCRETE SHALL BE CII(A OR B)-S OR CIII A OR B TO BS 8500-2, TABLE 1 AND ANNEX A.

AMENDMENT	DATE	DRAWN	CHKD	APPD
A NOTE 4 ADDED.	DEC. 08	MT		

CONSULTANT

Hampshire County Council Engineering Consultancy

SCHEME

STANDARD DETAILS

DRAWING TITLE

(COMBINED CATCHPIT/GULLY) TYPE CCG – BRICK

DRAWN	CHECKED	SCALE @ A3
MT	MT , MT	N.T.S.
CAD	APPROVED	DATE
TRK	TPW , TWP	MAY 2007
DRG No.		REVISION
HCC9/D/030		A

HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) 2007_2008\D_030a.dwg