

LEGEND

FLEXIBLE CARRIAGEWAY CONSTRUCTION
50mm THK. HRA 30/14 F SURF SURFACE COURSE WITH 14/20mm PRE-COATED CHIPPINGS, PSV 65 ON, 60mm THK. 20mm DENSE ASPHALT CONCRETE BINDER COURSE, 40/60 PEN ON, 150mm THK. 32mm DENSE ASPHALT CONCRETE ROAD BASE 40/60 PEN ON, 150mm THK. TYPE 1 (CL 803) SUB-BASE ON, 600mm THK. TYPE 1 (CL 803) CAPPING LAYER - FINAL

FLEXIBLE CARRIAGEWAY RESURFACING/REGULATING COURSES
40mm THK. HRA 30/14 F SURF SURFACE COURSE WITH 14/20mm PRE-COATED CHIPPINGS, PSV 65 ON, 60mm THK. 20mm DENSE ASPHALT CONCRETE BINDER COURSE, 40/60 PEN ON, 150mm THK. 32mm DENSE ASPHALT CONCRETE ROAD BASE 40/60 PEN

TIE IN DETAILS:
SURFACE COURSE WIDTH - VARIES (900mm MIN.)
BINDER COURSE WIDTH - 600mm
ROAD BASE WIDTH - 300mm

FLEXIBLE FOOTWAY CONSTRUCTION - (TYPE 1) IN ACCORDANCE WITH WSCC DETAIL S278/38/04 B
20mm THK. AC6 DENSE SURF 100/150 SURFACE COURSE ON, 50mm THK. AC20 DENSE BIN 40/60 BINDER COURSE ON, 100mm THK. TYPE 1/TYPE 2 SUB-BASE MATERIAL

FLEXIBLE FOOTWAY CROSSOVER CONSTRUCTION - (TYPE 1) IN ACCORDANCE WITH WSCC DETAIL S278/38/04 B AND S278/38/07 C
20mm THK. AC6 DENSE SURF 100/150 SURFACE COURSE ON, 50mm THK. AC20 DENSE BIN 40/60 BINDER COURSE ON, 200mm THK. TYPE 1/TYPE 2 SUB-BASE MATERIAL

FLEXIBLE FOOTWAY RESURFACING
20mm THK. AC6 DENSE SURF 100/150 SURFACE COURSE ON, 50mm THK. AC20 DENSE BIN 40/60 BINDER COURSE

PROPOSED VERGE
150mm MIN THK. TOPSOIL AND SEED

PROPOSED EASEMENT

—HB2— 125 x 255 HB PRECAST CONCRETE KERB
—BN— 125 x 150 BN PRECAST CONCRETE KERB (25mm UPSTAND)
—DK— 125 x 150 BN PRECAST CONCRETE KERB (FLUSH)
—EF— 150 x 50 PRECAST CONCRETE EDGING EF
— 125 x 150 BN PRECAST CONCRETE TRANSITION KERB

ROAD STUDS
PROPOSED ROAD STUDS IN ACCORDANCE WITH BS EN 1463 WITH TOPAS APPROVAL AND INSTALLED TO THE APPROVED METHODOLOGY. STUD TYPE TO BE DEPRESSIBLE (COLOUR - WHITE).
OPTION 1:
WHERE PLACED BETWEEN SINGLE DASHED WHITE LINES, THESE ARE TO BE POSITIONED AT 6m SPACINGS
OPTION 2:
WHERE PLACED BETWEEN DOUBLE WHITE LINES, THESE ARE TO BE BI-DIRECTIONAL AT 4.5m SPACINGS

● RS PROPOSED/EXISTING ROAD SIGN AND/OR POST (DETAILS AS SHOWN) REMOVED FROM STORE AND INSTALLED/RELOCATED
● LC1 PROPOSED/RELOCATED LIGHTING COLUMN OR LANTERN CHANGE TO EXISTING COLUMN (DETAILS AS SHOWN), AS AGREED WITH LOCAL AUTHORITY/SERVICE PROVIDER - SEE STREET LIGHTING NOTES

EXISTING IRONWORK/COVER LEVELS TO BE ADJUSTED AND/OR DIVERTED (ALL WORKS TO BE AGREED WITH STATUTORY UNDERTAKERS WHERE REQUIRED)

— 125.00 — GULLY WITH 150mm CONNECTION (U.N.O.)

— 125.00 — EXISTING LEVELS
— 1.40 — PROPOSED LEVELS

— 1.40 — CAMBER / CROSS FALL DIRECTION
— — INDICATIVE HIGHWAY BOUNDARY - BASED ON WSCC MAPPING RECORDS DATED 16.08.17 (LICENSE NO. 100023447)
— — S278 WORKS BOUNDARY

SIGNING SCHEDULE

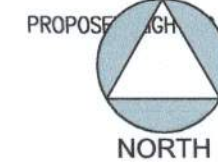
STGN TYPE (DIA. NO)	DIMENSIONS (mm)	'X' HEIGHT (mm)	MOUNTING HEIGHT (mm)	TOTAL NO. OF SIGNS
T014	75	75	2400mm	2

■ ALL SIGN TYPES/REF NO. TO BE IN ACCORDANCE WITH TSRGD 2016
■ ALL SIGN FINISHES AND SURFACES TO BE COMPLIANT WITH BS 873
■ 450mm CLEARANCE REQUIRED ON ALL SIGNS TO CARRIAGEWAY EDGE
■ ALL PROPOSED SIGNS NON-ILLUMINATED
■ ALL SIGN FACES TO BE MANUFACTURED OF ALUMINUM COMPOSITE MATERIAL/ACO
■ BACK OF SIGNS SHALL BE GREY AND POSTS METALLIC

LINING AND ROAD MARKINGS SCHEDULE

MARKINGS (DIA. NO)	LINE THICKNESS (mm)	LINE LENGTH/DIMS (mm)	LINE SPACING (mm)	TOTAL LENGTH / TOTAL NO.
1003A	200	600	300	11.0m
1004	100	4000	2000	10.0m
1009A	100	600	300	11.0m
1013A	100	—	—	100.0m
1023A	100	3750 x 1250	—	1
1040	100	—	—	75.0m

■ ALL MARKINGS TYPES/REF NO. TO BE IN ACCORDANCE WITH TSRGD 2016



SEE INSET 1 FOR FURTHER LIGHTING COLUMN LOCATION

CDM Regulations 2015 : Reg. 9

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None of the below is deemed to relieve any contractor of his obligations under all applicable health and safety legislation.

In preparing the design shown on this and related drawings Paul Basham Associates has considered and, where reasonably practicable, eliminated foreseeable risks. Any further abnormal or unusual risks, which remain, are numbered below and identified thus Δ and should be given particular attention by all those carrying out construction or of future maintenance works.

1. HV underground cables in area
- 2.
- 3.

GENERAL NOTES

1. THIS DRAWING IS INTENDED TO BE VIEWED IN COMBINATION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS AND SPECIFICATION.
2. ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
3. PAUL BASHAM ASSOCIATES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES - THIS MUST BE TREATED AS INDICATIVE ONLY.
4. ALL DIMENSIONS AND LEVELS ARE IN METRES. DO NOT SCALE THIS DRAWING, PRINT, PLOT OR DISK.
5. THIS DRAWING SHOULD ONLY BE USED FOR CONSTRUCTION IF THE PROJECT PHASE IN THE TITLE FRAME BELOW IS SHOWN AS "CONSTRUCTION". PAUL BASHAM ASSOCIATES TAKE NO RESPONSIBILITY FOR CONSTRUCTION WORKS UNDERTAKEN TO DRAWINGS WHICH ARE NOT MARKED UNDER THIS PHASE.

HIGHWAY NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE MANUAL OF CONTRACT FOR HIGHWAY WORKS (MCHW). IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
2. EQUILIBRIUM CBR VALUE FOR CARRIAGEWAY CONSTRUCTION TO BE AGREED ON-SITE FOLLOWING IN-SITU CBR TESTS. ALL EXCAVATIONS ARE SUBJECT TO THE CBR RESULTS.
3. TRAFFIC MANAGEMENT TO BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL AND RELEVANT CODES OF PRACTICE.
4. ALL LINING AND SIGNING DIAGRAM NUMBERS REFER TO THE TRAFFIC SIGNS REGULATIONS & GENERAL DIRECTIONS 2016 (TSRGD2016).

EXISTING SERVICES

1. IT IS THE RESPONSIBILITY OF ANY ON SITE CONTRACTOR TO IDENTIFY AND LOCATE ANY UTILITY PLANT PRIOR TO CONSTRUCTION WORK BEING UNDERTAKEN.
2. THE INFORMATION PROVIDED ON THIS DRAWING ABOUT THE EXISTING UTILITY SERVICES IS BASED ON HISTORICAL RECORDS PROVIDED BY THE STATUTORY UTILITIES. THE ACTUAL POSITION AND STATUS OF ANY MAINS AND SERVICES MUST BE VERIFIED AND ESTABLISHED ON SITE. THIS DRAWING IS PROVIDED FOR INFORMATION ONLY.
3. CABLES TO STREET LIGHTING, ROAD SIGNS AND ILLUMINATED BOLLARDS ARE NOT SHOWN BUT MUST BE ASSUMED TO EXIST.

STREET LIGHTING

1. STREET LIGHTING COLUMN LOCATIONS ARE INDICATIVE AND SHOWN FOR INFORMATION. PLEASE SEE DRAWING NO. 'SSE201136-LD-001 A' AND ALL ACCOMPANYING DOCUMENTATION FOR FULL STREET LIGHTING DESIGN AND SPECIFICATION REQUIREMENTS.

APPLICABLE WSCC STANDARD DETAILS

S278/38/02 B - APPROVED KERB TYPE SELECTION (SHEET 1)
S278/38/03 A - APPROVED KERB TYPE SELECTION (SHEET 2)
S278/38/04 B - FOOTWAY/CYCLEWAY (TYPE 1)
S278/38/09 B - SERVICE MARGINS
S278/38/11 A - DRAINAGE GULLY A - PRE-CAST CONCRETE
S278/38/18 A - STREET FURNITURE TACTILE CROSSINGS
S278/38/20 B - TIE-IN OPTIONS
S278/38/21 F - CARRIAGEWAY FLEXIBLE SPECIFICATION

NOT APPROVED

S278 DRAWING/DESIGN IS STILL 'SUBJECT TO LHA APPROVAL'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

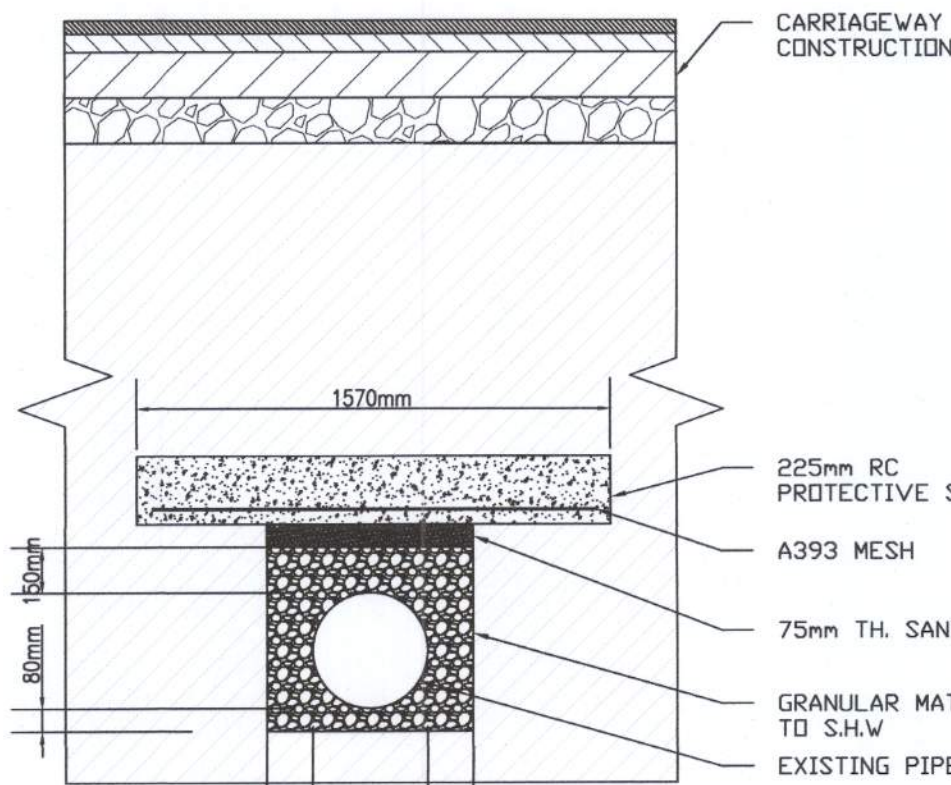
Rev	Description	Date	By	Chkd
J	PIPE PROTECTION DETAILS UPDATED	05.06.18	JB	RW
I	PIPE PROTECTION SLAB CROSS SECTION	05.06.18	JB	RW
H	AMENDED CULVERT PROTECTION	25.05.18	JB	RW
G	ADDED EXISTING CULVERT LEVELS	24.05.18	JB	RW
F	ADDED EASEMENTS AND CULVERT NOTE	14.05.18	JB	RW
E	CONTOURS ADDED. SOAKAWAY 3 MOVED	14.05.18	JB	RW
D	SOAKAWAYS ADDED	03.05.18	JB	RW
C	GULLY POSITIONS REVISED	05.04.18	EK	CL
B	WSCC COMMENTS FROM 10.01.18	23.02.18	EK	CL
A	ISSUE FOR WSCC TECHNICAL REVIEW	11.10.17	BH	CL

Client	Project Name
Paul Basham Associates Ltd Lancaster Court, 8 Barnes Wallis Road, Fareham, PO15 5TU 01489 666134 info@paulbashamassociates.com www.paulbashamassociates.com	NYTON ROAD, WESTERGATE

Project Name	Client
NYTON ROAD, WESTERGATE	Paul Basham Associates Ltd

Project Phase	Checked By	Checked Date	Drawn By	Drawn Date
DETAILED DESIGN	MS	11.08.17	CL	11.08.17
Client Drawing No.	Scale	Revision	Project No.	Revision
-	1:200 (AT A1 SIZE)	J	064.5005.100	J

ALL EXISTING SERVICES AFFECTED BY THE PROPOSED HIGHWAY WORKS ARE TO BE DIVERTED/RELOCATED IN AGREEMENT WITH STATUTORY UNDERTAKERS PRIOR TO WORKS COMMENCING. THIS INCLUDES BUT IS NOT RESTRICTED TO PROVIDING A PROTECTION SLAB OVER EXISTING SGN MAIN IN VERGE

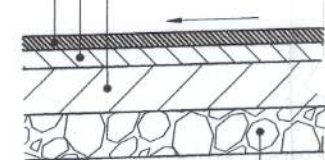


INSET 3 - PIPE PROTECTION SLAB (SCALE 1:25)

Soakaway No.	Catchment Area (m2)	Soakaway Cover Level (m)	Soakaway Base Level (m)	Soakaway Ring Dia (m)	Incoming Invert (m)	Effective Depth (m)	Total Depth (m)
1	180	12.2	11.1	2.4	11.6	0.8	1.1
2	180	12.4	11.3	2.4	11.8	0.8	1.1
3	90	12.4	11.3	2.4	11.8	0.8	1.1

SOAKAWAY SCHEDULE

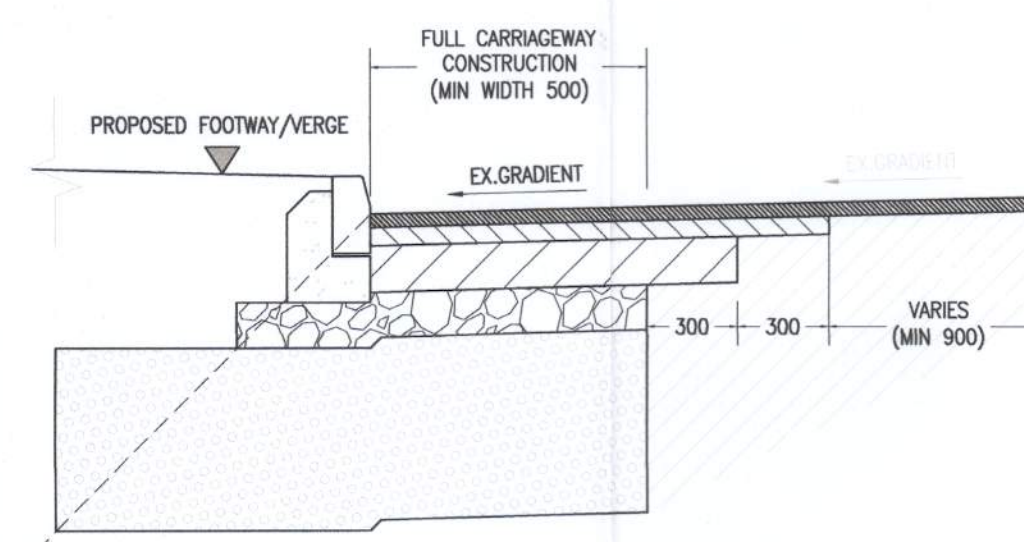
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60mm THK. 20mm DENSE ASPHALT CONCRETE BINDER COURSE, 40/60 PEN
150mm THK. 32mm DENSE ASPHALT CONCRETE ROAD BASE 40/60 PEN



150mm THK. TYPE 1 (CL 803) SUB-BASE

600mm THK. TYPE 1 (CL 803) CAPPING LAYER

CARRIAGEWAY CONSTRUCTION DETAIL (SCALE 1:25)



CARRIAGEWAY TIE-IN DETAIL (SCALE 1:25)

INSET 2 - CONSTRUCTION DETAILS