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TYPICAL SECTION THROUGH CONCRETE FOOTPATH
SCALE: 1:20 @ A1 & 1:40 @ A3

SEE LAYOUT DWG
BRUSHED FINISH WITH BULLNOSE EDGING
150mm 30N20 CONCRETE WITH CONSTRUCTION JOINTS @ 3m c/c
FALL 1:40
50 SAND BLINDING
100 THICK CL. 804 TYPE B COMPACTED FILL
1000 GAUGE VISQUEEN

PROPOSED NEW TARMACADAM DRIVEWAY
SCALE 1:20 @ A1 & 1:40 @ A3

SLOPE 1:100
40mm DENSE WEARING COURSE MACADAM
200mm CLAUSE 804 MATERIAL
EXISTING GROUND (WELL COMPACTED AFTER REMOVAL OF TOPSOIL AND SOFT SPOTS)

PROPOSED TYPICAL PAVING DETAIL
SCALE 1:10 @ A1 & 1:20 @ A3

PAVING TO ARCHITECTS DETAILS ON 50mm DEEP DRY MORTAR MIX (3:1 SAND:CEMENT) ON 150mm DEEP COMPACTED CLAUSE 804 MATERIAL
CLAUSE 804 TO BE CHANGED TO UNBOUND GRANULAR FILL (CRUSHED STONE) TO ANNEX E OF S.R. 21:2014 WITHIN 500mm OF NEW BUILDING
REGULATING LAYER OF CLAUSE 6F FILL MATERIAL
EXISTING GROUND (WELL COMPACTED AFTER REMOVAL OF TOPSOIL AND SOFT SPOTS)

PROPOSED RASIED KERB DETAIL
SCALE: 1:10 @ A1 & 1:20 @ A3

FINISHED ROAD SURFACE
250x125mm PRECAST CONCRETE KERBS TO I.S. 146
C40N20 CONCRETE
125 / 25 / 50 / 350 / 300 / 100

PROPOSED FLUSH KERB DETAIL
SCALE: 1:10 @ A1 & 1:20 @ A3

FINISHED ROAD SURFACE
250x125mm PRECAST CONCRETE KERBS TO I.S. 146
C40N20 CONCRETE
125 / 25 / 50 / 350 / 300 / 100 / 125

NEW TO EXISTING TARMAC JOINT DETAIL
SCALE 1:10

EXISTING TARMAC TO BE RETAINED
PROPOSED TARMAC
EXISTING ROAD BUILD-UP
NEW ROAD BUILD-UP
100 / 200 / 300

JOINT NOTES: —
1. FORM 2 NO. SAW CUTS TO APPROPRIATE DEPTH AT A MIN. OF 100mm & 200mm FROM SIDES OF EXCAVATION PRIOR TO PERMANENT REINSTATEMENT.
2. 100 °C HOT BITUMEN BINDER 50 PEN OR COLD THIXOTROPIC BITUMEN 50 – 70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH B.S. 594 PRIOR TO APPLICATION OF BITUMINOUS MATERIALS.
3. ANY DAMAGED AREA ADJACENT TO THE OPENING AND RESULTING FROM THE EXCAVATION OPERATION SHALL BE INCLUDED WITHIN THE AREA TO BE REINSTATED.
4. THE COARSE AGGREGATE IN THE WEARING COURSE SHALL HAVE A POLISHED STONE VALUE OF NOT LESS THAN 60.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS.

PROPOSED DRAINAGE INTO INFILTRATION SYSTEM
SCALE 1:10 @ A1 1:20 @ A3

300-500mm ø SUMP MANHOLE Min. 350mm SUMP
CONCRETE HAUNCHING FACE ON ALL HAUNCHING MUST BE SHOVEL SMOOTH
PERMEABLE PAVING
FROM ACO
FROM RWP
110mm uPVC PIPE WITH TOP HAT SEAL
DISTRIBUTION TANK WITH GEOTEXTILE SURROUND (EXCEPT END SHOWN) ON 10mm PIPE BEDDING
mm
80 — AQUAFLOW BLOCKS
— 5mm CLEAN STONE* INBITEX*†
50
100 — UPPER SUB-BASE 20-5mm STONE*
— SC INTERGRID †
250 — LOWER SUB-BASE 63-10mm STONE*
— SC INTERGRID* †
— PROVIDE IMPERMEABLE MEMBRANE 1.0mm THICK GSE HD (HDPE) GEOMEMBRANE TO SIDES & BOTTOM
† HYDRAWAY FIN DRAIN CONNECTED TO 110mm PVC-U PIPE WITH TOP HAT SEAL

TYP. PERMEABLE PAVING DETAIL
SCALE 1:10 @ A1 1:20 @ A3

INBITEX BROUGHT UP TO HAUNCHED KERB AND CUT OFF FLUSH WITH SURFACE OF AQUAFLOW BLOCKS
AQUAFLOW BLOCKS
5mm CLEAN STONE
INBITEX
UPPER SUB-BASE 20-5mm STONE
SC INTERGRID
LOWER SUB-BASE 63-10mm STONE
SC INTERGRID
PROVIDE IMPERMEABLE MEMBRANE 1.0mm THICK GSE HD (HDPE) GEOMEMBRANE TO SIDES & BOTTOM
SUBGRADE

TYPICAL LAYOUT OF SOAKAWAY
SCALE 1:50 @ A1 & 1:100 @ A3

TBC AS PART OF FINAL DESIGN
TBC AS PART OF FINAL DESIGN
SIDES & TOP OF SYSTEM TO BE WRAPPED IN AZTEX SPR 14 NEEDLE PUNCHED NON WOVEN GEOTEXTILE
ø1200 / ø1200 / 300
PERFORATED PRECAST RINGS TO BE WRAPPED IN AZTEX SPR 14 NEEDLE PUNCHED NON WOVEN GEOTEXTILE
1200mm ø PRECAST CONCRETE MANHOLE RINGS WITH 4 ROWS OF 75mmø PERFORATIONS WITH 4 PERFORATIONS PER ROW
20mm SINGLE SIZE STONE TO SOAKAWAY TRENCH
PERFORATED PRECAST RINGS TO BE WRAPPED IN AZTEX SPR 14 NEEDLE PUNCHED NON WOVEN GEOTEXTILE

TYPICAL SECTION OF SOAKAWAY
SCALE 1:50 @ A1 & 1:100 @ A3

FINISHED GROUND LEVEL
MANHOLE COVER & FRAME & REGULATING BRICKWORK ON ROOF COVER SLAB
SIDES & TOP OF SYSTEM TO BE WRAPPED IN AZTEX SPR 14 NEEDLE PUNCHED NON WOVEN GEOTEXTILE
1200mm ø PRECAST CONCRETE MANHOLE RINGS WITH 4 ROWS OF 75mmø PERFORATIONS WITH 4 PERFORATIONS PER ROW
20mm SINGLE SIZE STONE TO SOAKAWAY TRENCH
150 DEEP CONCRETE BASE TO MANHOLE RINGS WITH 1 LAYER A393 MESH REINFORCEMENT
INLET PIPE
300 / 900 / TBC / 500
INSPECTION CHAMBER/CATCH PIT
1200mm ø PRECAST CONCRETE MANHOLE RINGS WITH 4 ROWS OF 75mmø PERFORATIONS WITH 4 PERFORATIONS PER ROW

Issue Register

No.	Date	Revision	Drawn	Checked	Approved
PL1	12/04/18	ISSUED FOR PLANNING	MT	LMJ	MUP