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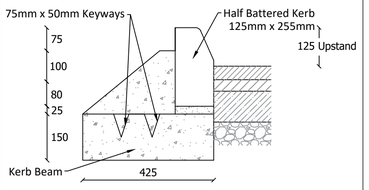
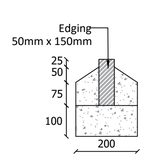
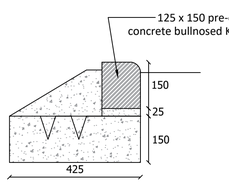


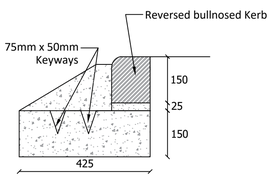
Half Battered Kerb Detail
(Scale 1:10)



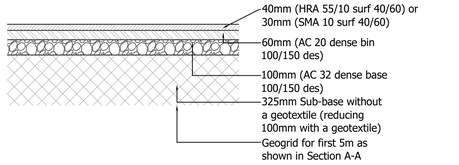
Edging Kerb Detail
(Scale 1:10)



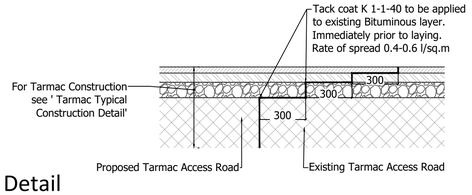
Bull Nose Kerb Detail
(Scale 1:10)



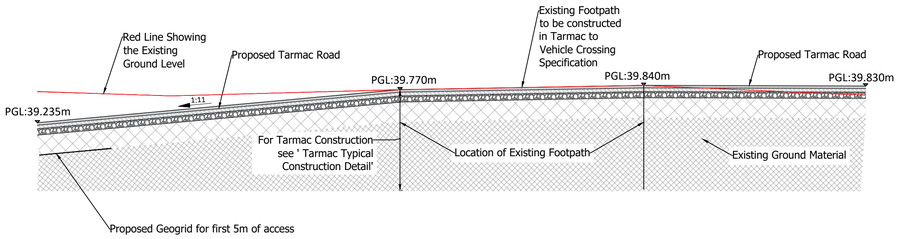
Reversed Bull Nose Kerb Detail
(Scale 1:10)



Tarmac Typical Construction Detail
(Scale 1:20)



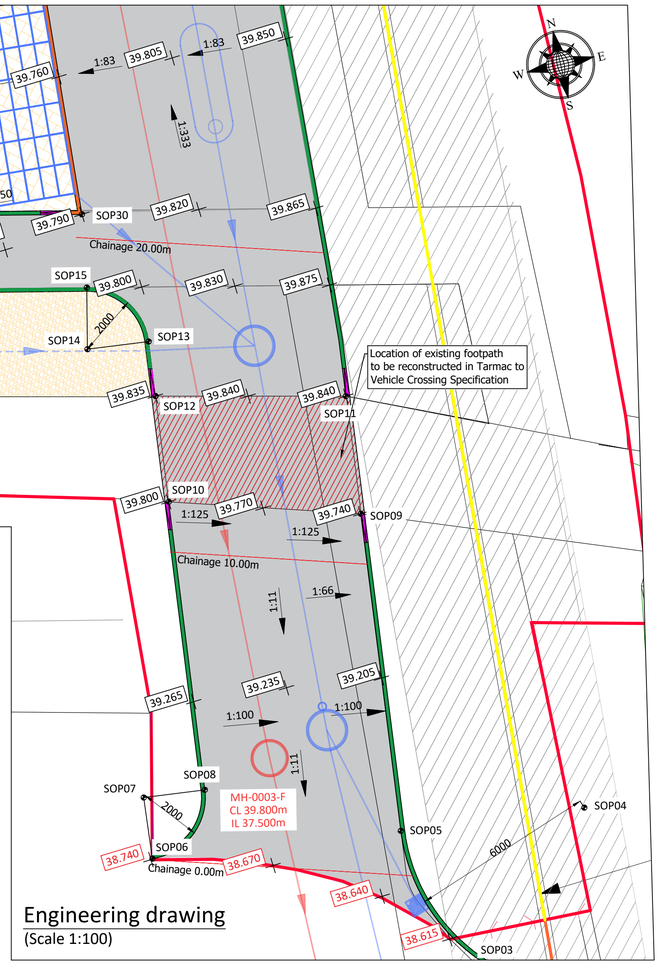
Tie In Detail
(Scale 1:20)



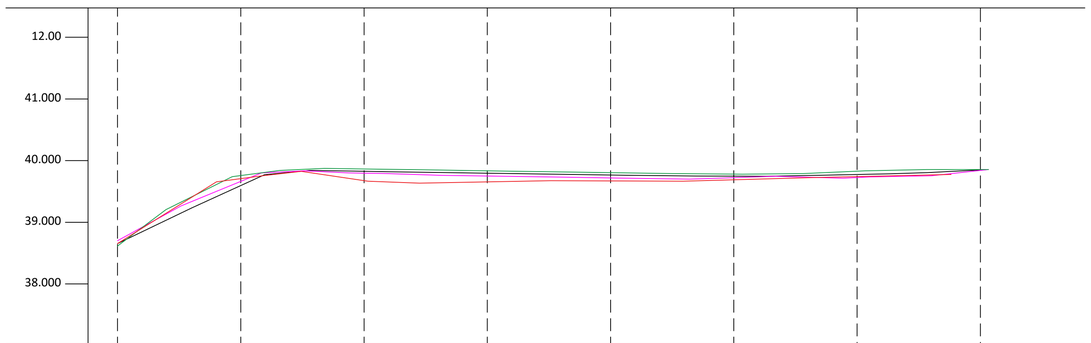
Cross Section A-A'
(Scale 1:50



Cross Section Location Plan
(Scale 1:200)



Engineering drawing
(Scale 1:100)



Chainage	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00
Existing Levels	38.670	39.770	39.690	39.670	39.685	39.700	39.745	39.790
Proposed Levels	38.670	39.620	39.810	39.790	39.760	39.745	39.770	39.815
Level Difference	0.000	+0.150	-0.120	-0.120	-0.075	-0.045	-0.025	-0.025
Right Channel Level	38.615	39.590	39.870	39.835	39.805	39.790	39.820	39.855
Left Channel Level	38.740	39.650	39.795	39.745	39.715	39.740	39.715	39.795

Long Section
(Scale 1:250)

CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015

THE CONTRACTORS ATTENTION IS DRAWN TO THE ABNORMAL RISKS IDENTIFIED BELOW, ANNOTATED ON THE DRAWING AND EXPLAINED IN THE ASSOCIATED DESIGN RISK REGISTERS

LEGEND

- YOU MUST NOT DO
- HAZARD OR DANGER
- YOU MUST DO
- CAUTION

ABNORMAL RISKS IDENTIFIED:

Key

- HB-HALF BATTERED KERB
- BN-BULLNOSE KERB
- TN-TRANSITION KERB
- EF-EDGING OF FOOTPATH
- RB- REVERSED BULL NOSE KERB
- Tarmac
- Private Storm Water Manhole
- Private Foul Water Manhole
- Foul Water Pipeline
- Surface Water Pipeline
- Surface Water Perforated Pipeline
- Road Gully
- Gravel
- Proposed Levels
- Existing Levels
- Arrow Gradient
- Chainage
- Setting Out Points

Setting Out Point Name	X Coordinates	Y Coordinates
SOP4	627.885	355.101
SOP5	621.969	356.103
SOP6	613.994	357.576
SOP7	614.294	359.553
SOP8	616.265	359.217
SOP9	623.701	366.327
SOP10	617.848	368.502
SOP11	624.344	370.121
SOP12	618.430	371.912
SOP13	618.730	373.671
SOP14	616.758	374.007
SOP15	617.318	375.927
SOP16	612.977	377.192
SOP17	612.605	376.988
SOP18	611.718	373.945
SOP30	617.855	378.245
SOP31	612.874	379.696

Setting Out Point Schedule

NOTES

1. All dimensions are in millimetres unless stated otherwise.

2. This drawing to be read in conjunction with all other relevant drawings and specifications.

3. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

STANDARD DRAINAGE NOTES:

1. Except where specifically shown otherwise all below ground pipes / connections shall be 100mm dia PVC (to BS 4660) or VC (to BS 5481) with flexible joints and laid to minimum falls of 1 in 40, except where connected to WC when falls may be 1 in 80.
2. All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end)
3. For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.
4. Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.
5. Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.
6. Step-irons shall not be fitted in any chambers unless specified otherwise.
7. Manhole/Gully covers shall be regulated to suit finished levels and crossfalls
8. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations
9. Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.
10. Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above
11. Unless stated otherwise, pipes to be 100mm Diameter.

STANDARD ROADS / FOOTPATH NOTES:

1. Existing structures to be broken out to minimum 450mm below top of finished surface level. Existing footpath to be broken out and rubble and existing subbase to be removed off-site.
2. Subgrade to be proof rolled with one pass of a smooth-wheeled roller having a mass per M-width of roll of not less than 2,100-kg or a Vibrating Roller having a mass per M-width of roll of not less than 700-kg or a Vibrating Plate Compactor having a mass per m2 of not less than 1400-kg. Any soft spots shall be removed and replaced with Type 1 compacted in layers not exceeding 150mm thickness.
3. All formations are to be treated with an approved herbicide before placing sib-base material on a geotextile separation membrane (Terram 1000 or similar approved)
4. All sub-base material is to be non-frost-susceptible. All concrete to be sulphate resisting

P3	Setting Out Point Added	EP	02-05-24
P2	Entrance Arrangement Amendments	AJP	06-03-24

Client
Billingford Ltd

Project
Latham Road

Title
Engineering Drawing - Entrance Design

Job No 22178

Drawing No 22178 - 101 P3

Status Preliminary Rev

Scale As Stated Date 05/03/2024

Project Engineer TBP

Drawn By KS

Checked By AJP

Approved By

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