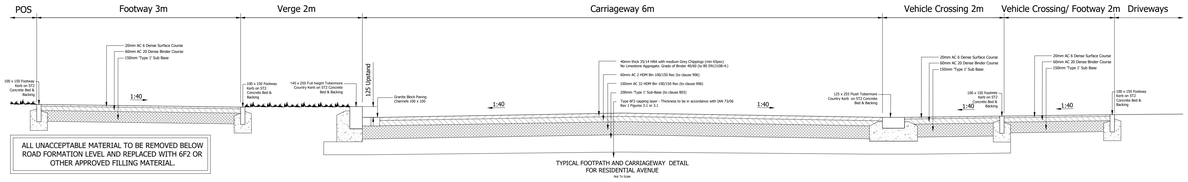
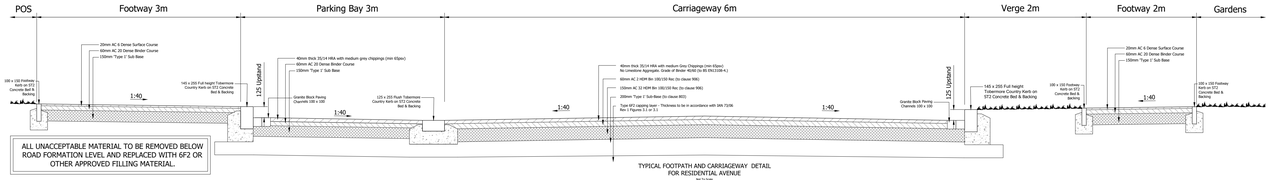
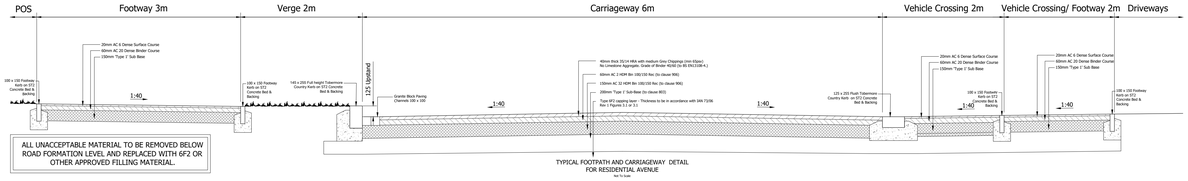
IF IN DOUBT - ASK



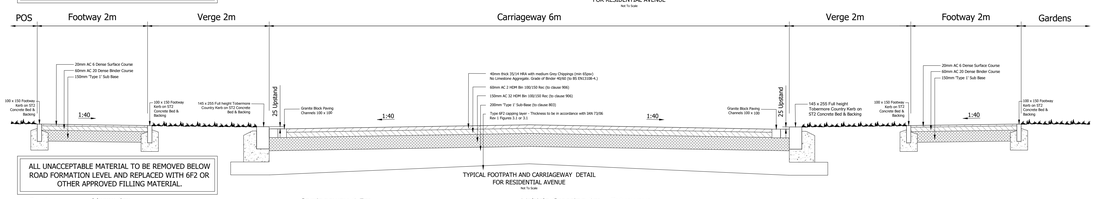
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR RESIDENTIAL AVENUE
Not To Scale



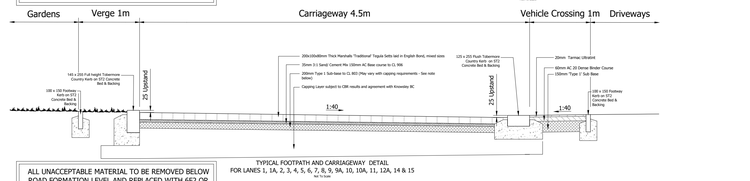
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR RESIDENTIAL AVENUE
Not To Scale



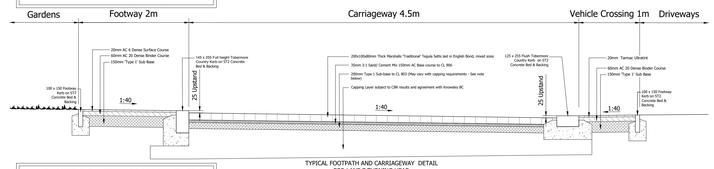
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR RESIDENTIAL AVENUE
Not To Scale



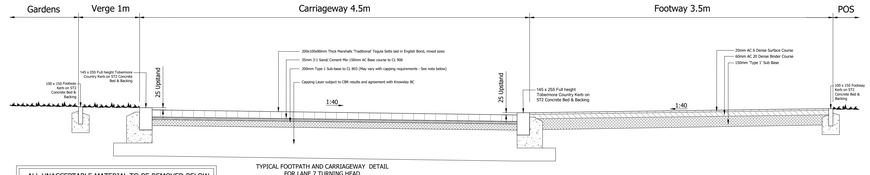
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR RESIDENTIAL AVENUE
Not To Scale



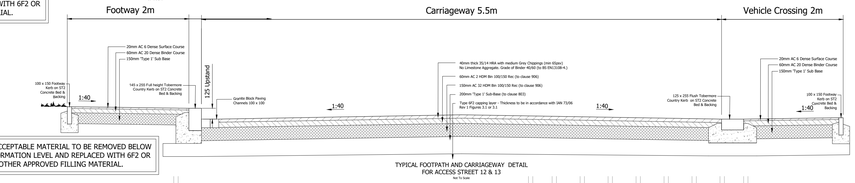
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR LANES 1, 1A, 2, 3, 4, 5, 6, 7, 8, 9, 9A, 10, 10A, 11, 12A, 14 & 15
Not To Scale



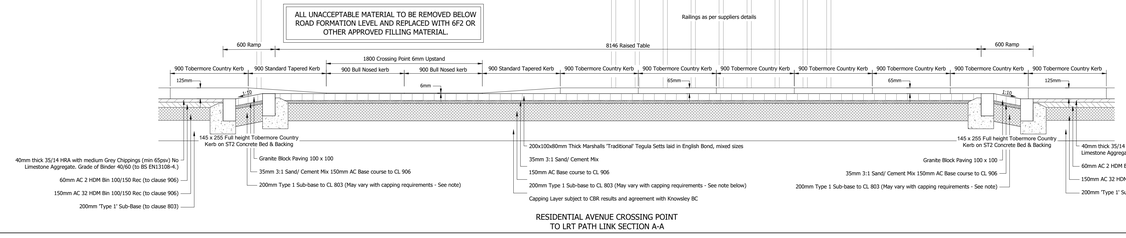
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR LANE 7 TURNING HEAD
Not To Scale



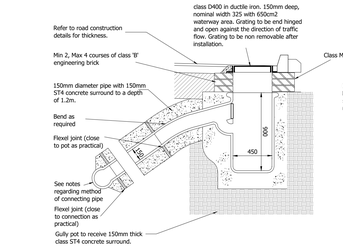
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR LANE 7 TURNING HEAD
Not To Scale



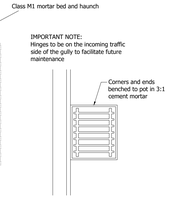
TYPICAL FOOTPATH AND CARRIAGEWAY DETAIL
FOR ACCESS STREET 12 & 13
Not To Scale



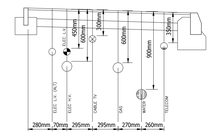
RESIDENTIAL AVENUE CROSSING POINT
TO LRT PATH LINK SECTION A-A



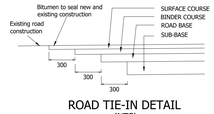
Type G1 Gully
(NTS)



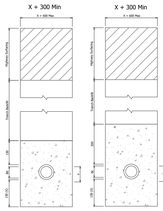
PLAN
(NTS)



TYPICAL SERVICE POSITIONS
(NTS)



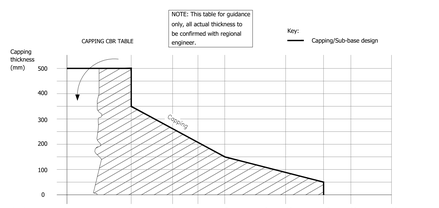
ROAD TIE-IN DETAIL
(NTS)

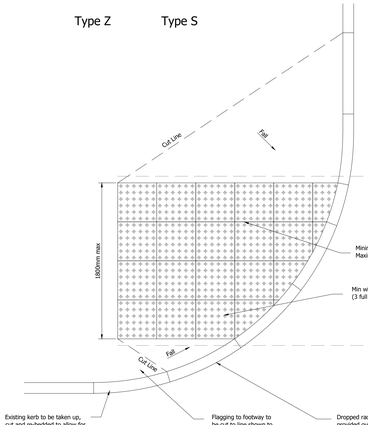


Nominal Internal pipe Diameter (mm)	Compressible Fiber Thickness (mm)
100	10
150/225/300/375/450	18
450 and above	36

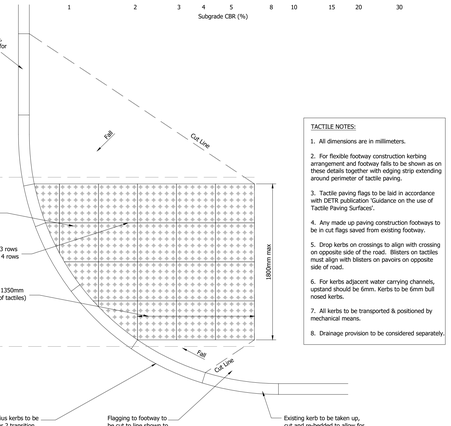
Nominal Internal pipe Diameter (mm)	Granular Bedding Type
100	10 or 14mm nominal single sized or 20mm to 5mm graded
150/300	10,14 or 20mm nominal single sized or 14mm to 5mm graded or 20mm to 5mm graded
375/400/450/500/525	14mm or 20mm nominal single sized or 14mm to 5mm graded or 20mm to 5mm graded.
over 525	PA, 20mm or 40mm nominal single sized or 14mm to 5mm graded or 20mm to 5mm graded or 40mm to 5mm graded.

Bedding notes:
1. All dimensions are in millimetres.
2. The minimum or maximum trench width applies on or below 300mm above the crown of pipe.
3. Trench backfill above the bedding to be class SF2. As dug material may be used in open areas only.
4. Haunching shall be taken up to the nominal width of the actual trench width (bd) should be less than the max permitted trench width at the level 300mm above the crown of pipes.
5. Limestone pipe bedding will not be permitted in acidic soils (pH value less than 6.0) unless contrad specifications for specific details.
6. Rigid pipe materials are defined as clayware, concrete and reinforced concrete.
7. Granular bedding and surround shall be BS EN 13242
8. Dimension X min shall be increased to 200mm for trenches in rock.
9. Concrete surround to pipes with class Z bedding shall be SFA in place mixing.
10. Where concrete bedding to pipework is required it shall be taken up to the nominal bedding rate for manholes, irrespective of depth.



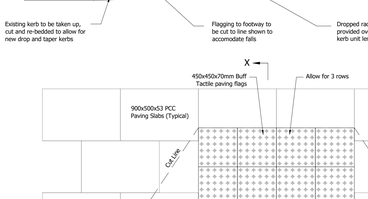


PEDESTRIAN CROSSING ARRANGEMENT
(NTS)

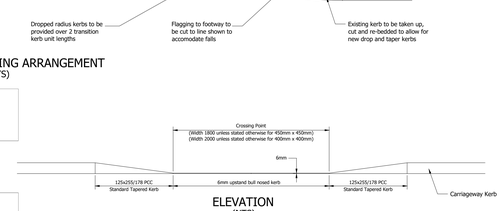


TACTILE NOTES:

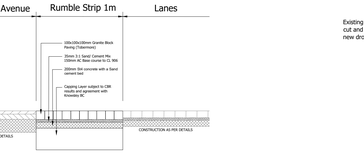
1. All dimensions are in millimeters.
2. For flexible footway construction kerbing arrangement and footway falls to be shown as on these details together with edging strip extending around perimeter of tactile paving.
3. Tactile paving flags to be laid in accordance with DETR publication 'Guidance on the use of Tactile Paving Surfaces'.
4. Any made up paving construction footways to be in cut flags saved from existing footway.
5. Drop kerbs on crossings to align with crossing on opposite side of the road. Blisters on tactiles must align with blisters on pavoirs on opposite side of road.
6. For kerbs adjacent water carrying channels, upstand should be 6mm. Kerbs to be 6mm bull nosed kerbs.
7. All kerbs to be transported & positioned by mechanical means.
8. Drainage provision to be considered separately.



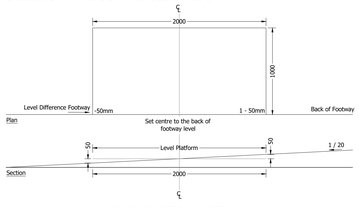
PLAN
(NTS)



ELEVATION
(NTS)



TYPICAL SECTION THROUGH RUMBLE STRIPS



LEVEL PLATFORM DETAILS
(1:20)





FULL HEIGHT TOBERMORE COUNTRY KERB

FLUSH TOBERMORE COUNTRY KERB

FOOTWAY KERB DETAIL

Notes

This drawing is to be read in conjunction with the construction (Design and Management) regulations 2015.

1. This drawing is to be read in conjunction with:-
Lees Roxburgh drawing series 6238, architects and designers drawings and details.

2. Construction details to be in accordance with Knowsley Council 'design guide

3. The contractor shall comply with the following:-
a. All operations should be carried out in accordance with the general health and safety policy of Bloor Homes Ltd and all relevant health and safety legislation.
b. The local authority and service companies are to be notified prior to commencement of work on site.
c. Prior to construction the actual positions and depths of services likely to be affected by the works should be established by means of hand dig in close liaison with the service companies. the contractor shall immediately advise Lees Roxburgh of any services exposed which may affect the design.
d. The location and depth of any services/apparatus shown is approximate only and has been based on plans received from the statutory undertakers.
e. Lees Roxburgh Ltd do not accept any responsibility for the accuracy of this or any other drawings which indicate the position and/or depth of services/apparatus.
f. The contractor must contact the relevant statutory undertakers and be in possession of the latest available drawings from the statutory undertakers which shows details of their services/apparatus.

4. All sewerage works to be in accordance with the "Sewers for Adoption" 6th edition and United Utilities standard details.

5. Lees Roxburgh's appointment is restricted to the design of the permanent civil/structural works only and have no site role, the contractor is thus entirely responsible for compliance with the health and safety at work act. He shall be specifically responsible for all temporary works and for the stability of the affected land and structures.

6. If CBR value is less than 4% then the Sub-base thickness and capping layer design will be required. Construction thicknesses to be confirmed on site with the "Highways Authority" at time of construction, and to be conducted in conjunction with capping CBR table.

7. Subject to local authority approval for low CBR values the depth of capping may be reduced if a geotechnical reinforcement membrane is used.

THE DETAILS PROVIDED ON THIS DRAWING ARE SUBJECT TO COMMENT BY ALL THE RELEVANT APPROVING AUTHORITIES. UNTIL SUCH TIME AS ALL COMMENTS HAVE BEEN RECEIVED AND INCORPORATED ONTO THE DRAWINGS, ALL THE INFORMATION PROVIDED AND ASSOCIATED COSTINGS, ARE USED AT BLOOR HOMES RISK AND NO LIABILITY WILL BE ACCEPTED BY LEES ROXBURGH LTD.

Rev	Revision	By	Date
M	Amended to include phase 2	CB	23.12.22
L	Residential Avenue crossing point to LRT path link section amended & location plan added for crossing point.	NL	28.09.22
K	Amended Rumble strip sub base to st4 concrete with a sand and cement base.	NL	02.08.22
J	Channel blocks added to all 6m roads, rumble strip detail amended, kerb details amended.	NL	26.05.22
H	Level landing detail added	RD	29.03.22
G	Amended to clients comments.	RD	14.03.22
F	Amended to clients comments.	NL	26.07.21
E	Amended the surface course from 30mm to 40mm.The footway kerb detail has now been labelled correctly. The vehicular crossing / footpath & parking bay build-up has now been amended.	NL	16.07.21
D	Details amended to S38 design guide	NL	24.03.21
C	Extra section added for Spine Road	NL	29.01.21
B	Typical details through adoptable block paved carraigeway details amended.	NL	26.01.21
A	Spine road ramp and raised carriageway added	CB	10.12.20

BLOOR HOMES

Windy Arbor
Whiston

Road Construction Details

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Job No.	Drawing No.	Revision.
6238	02-06	M

Scale NTS @ A0 | Date April 2018

Drawn By	Designed By	Checked By
DW	DW	CB