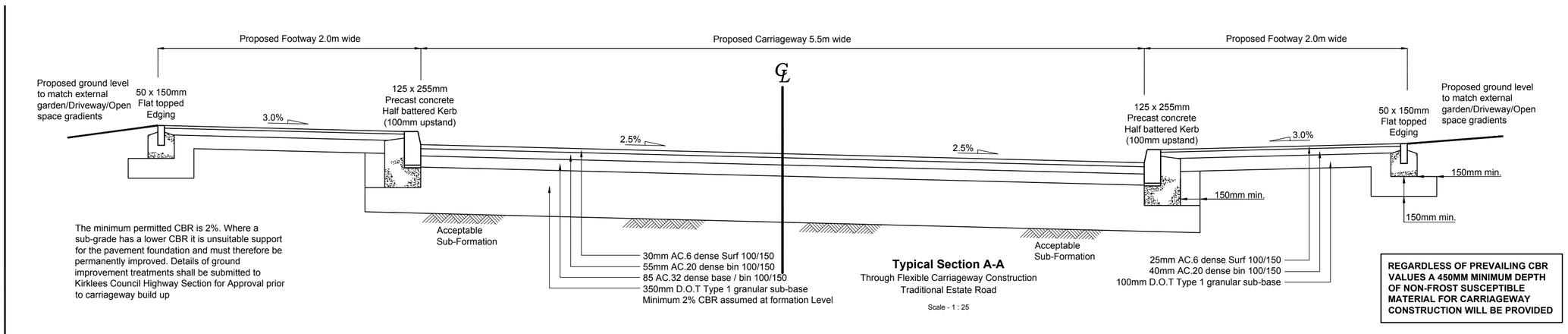


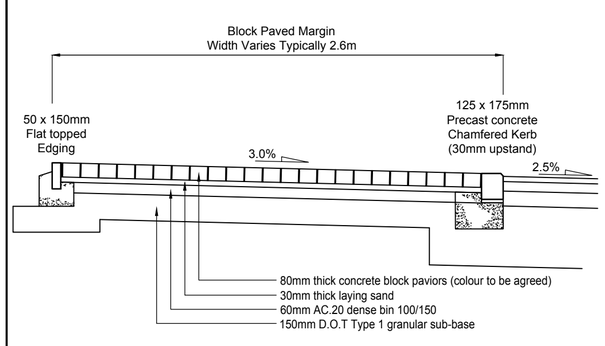
The minimum permitted CBR is 2%. Where a sub-grade has a lower CBR it is unsuitable support for the pavement foundation and must therefore be permanently improved. Details of ground improvement treatments shall be submitted to Kirklees Council Highway Section for Approval prior to carriageway build up

Typical Section A-A

Through Flexible Carriageway Construction
Traditional Estate Road

Scale - 1 : 25

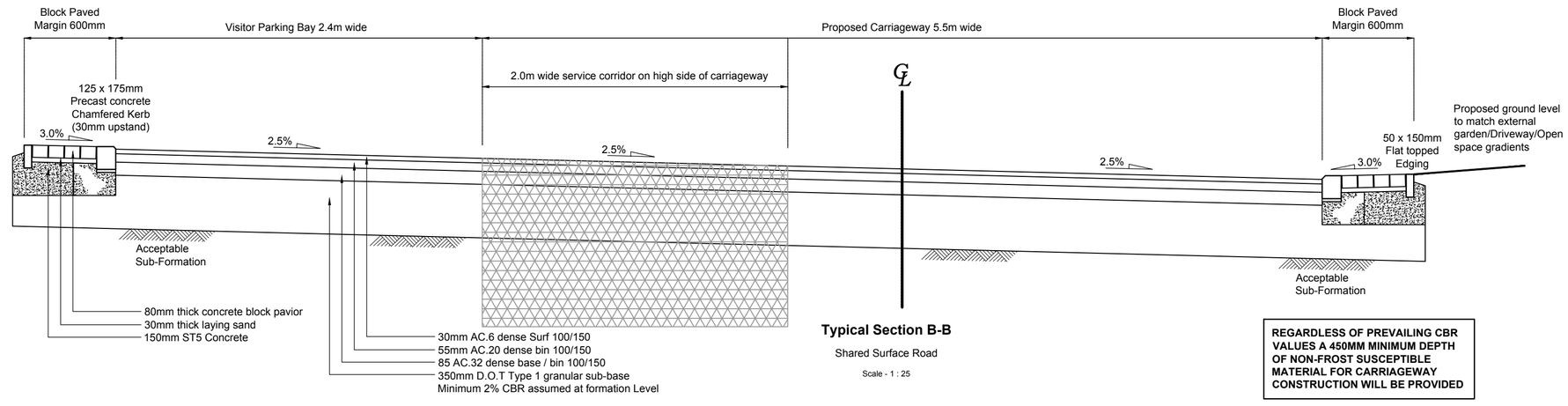
REGARDLESS OF PREVAILING CBR VALUES A 450MM MINIMUM DEPTH OF NON-FROST SUSCEPTIBLE MATERIAL FOR CARRIAGEWAY CONSTRUCTION WILL BE PROVIDED



Typical Section E-E

Shared Surface Road - Alternative Widened Service/Hard Margin

Scale - 1 : 25

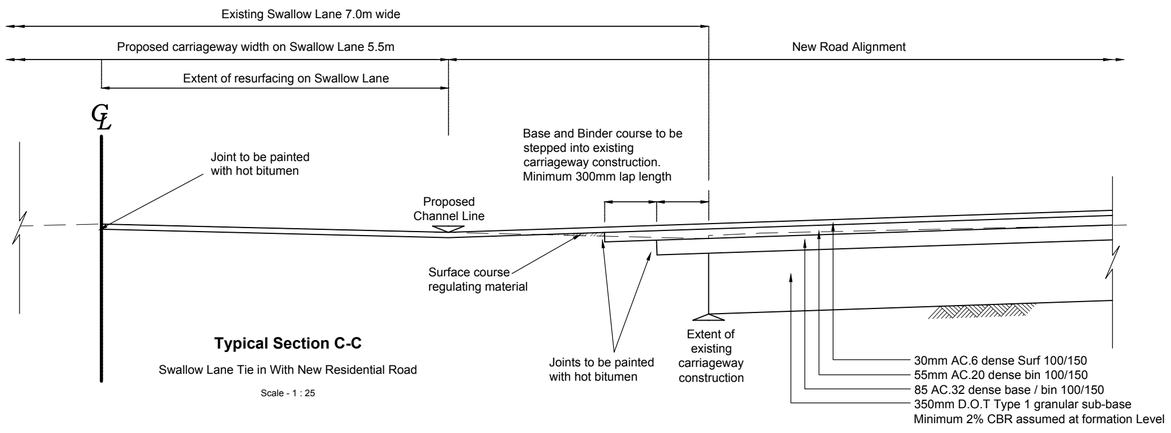


Typical Section B-B

Shared Surface Road

Scale - 1 : 25

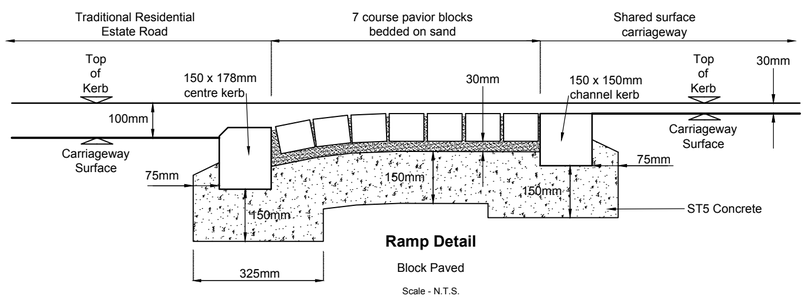
REGARDLESS OF PREVAILING CBR VALUES A 450MM MINIMUM DEPTH OF NON-FROST SUSCEPTIBLE MATERIAL FOR CARRIAGEWAY CONSTRUCTION WILL BE PROVIDED



Typical Section C-C

Swallow Lane Tie in With New Residential Road

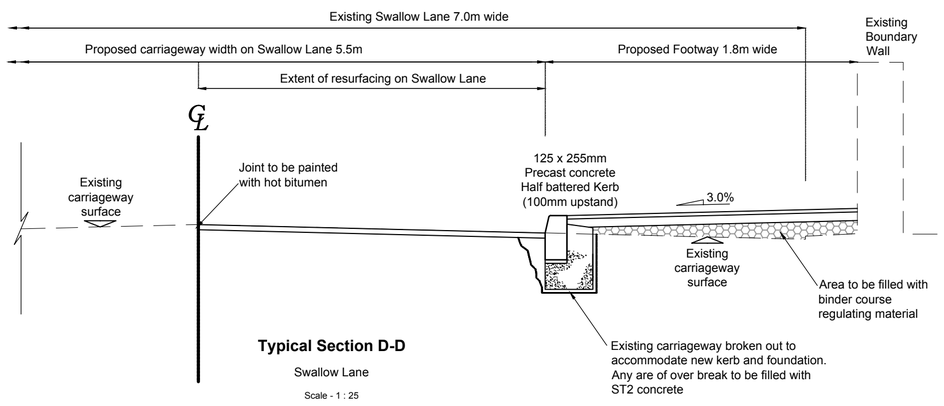
Scale - 1 : 25



Ramp Detail

Block Paved

Scale - N.T.S.

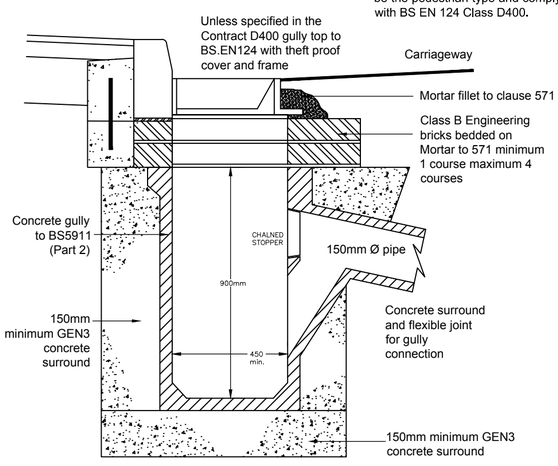


Typical Section D-D

Swallow Lane

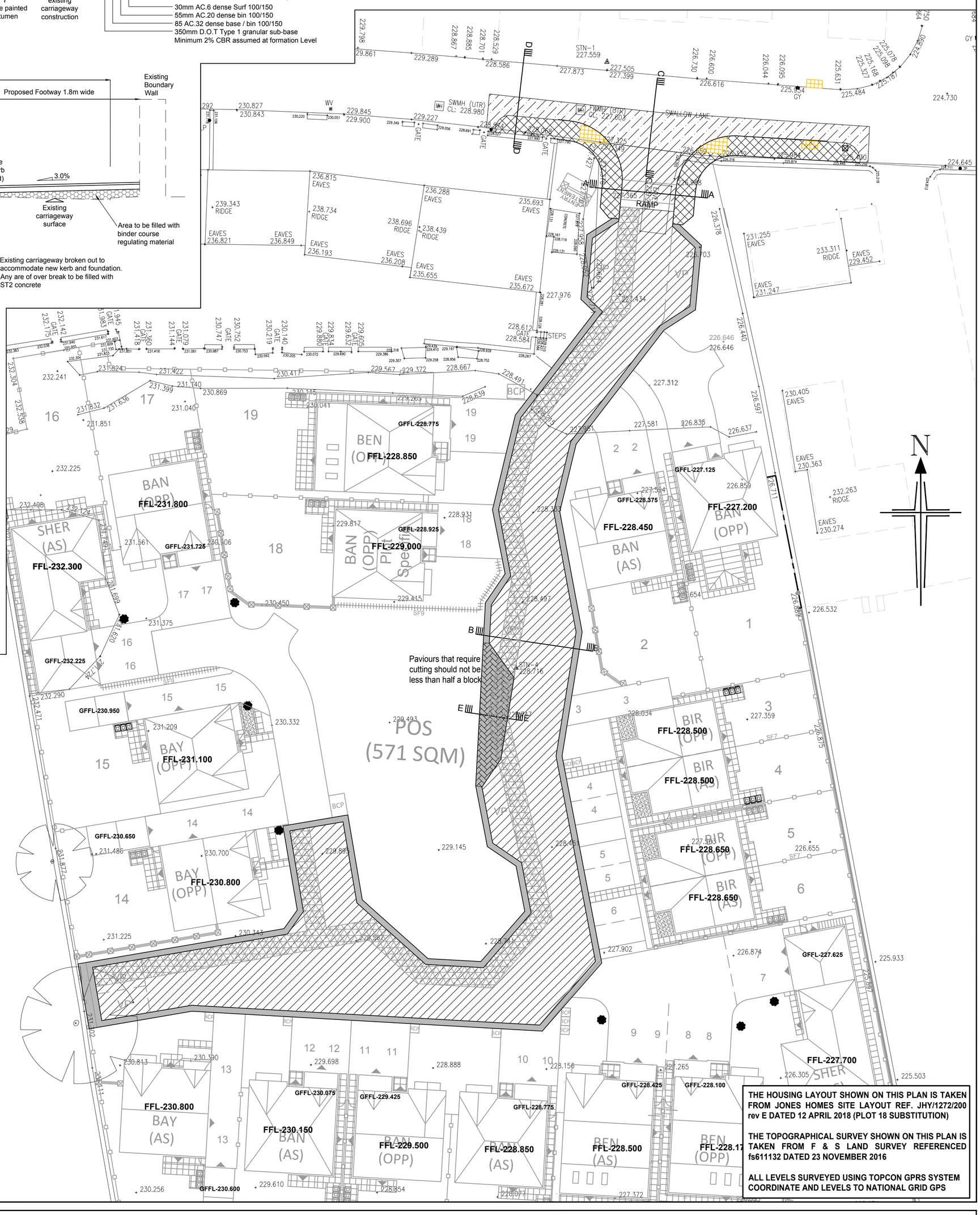
Scale - 1 : 25

The gully grate and frames in the shared surface carriageway must be the pedestrian type and comply with BS EN 124 Class D400.



Typical Gully Detail

Not To Scale



KEY:

Traditional Estate Road Carriageway Construction

30mm AC.6 dense Surf 100/150
55mm AC.20 dense bin 100/150
85 AC.32 dense base / bin 100/150
350mm D.O.T Type 1 granular sub-base
Minimum 2% CBR assumed at formation Level

Shared Surface Road Carriageway Construction

30mm AC.6 dense Surf 100/150
55mm AC.20 dense bin 100/150
85 AC.32 dense base / bin 100/150
350mm D.O.T Type 1 granular sub-base
Minimum 2% CBR assumed at formation Level

Flexible Footway Construction

25mm AC.6 dense surf 100/150
40mm AC.20 dense bin 100/150
100mm D.O.T Type 1 granular sub-base

Hard Margin Construction

80mm thick concrete block paviors (colour to be agreed)
30mm thick laying sand
150mm thick ST5 Concrete

Widened Hard Margin Construction

80mm thick concrete block paviors (colour to be agreed)
30mm thick laying sand
60mm AC.20 dense bin 100/150
150mm D.O.T Type 1 granular sub-base

Planing / Resurfacing Work Swallow Lane

Plane existing surface course minimum 30mm
Clean planed surface, apply tack coat and regulate with surface course regulating material
Lay 30mm AC.6 dense Surf 100/150

Service Corridor

2.0m wide service corridor on high side of carriageway

THE HOUSING LAYOUT SHOWN ON THIS PLAN IS TAKEN FROM JONES HOMES SITE LAYOUT REF. JHY/1272/200 rev E DATED 12 APRIL 2018 (PLOT 18 SUBSTITUTION)

THE TOPOGRAPHICAL SURVEY SHOWN ON THIS PLAN IS TAKEN FROM F & S LAND SURVEY REFERENCED fs611132 DATED 23 NOVEMBER 2016

ALL LEVELS SURVEYED USING TOPCON GPRS SYSTEM COORDINATE AND LEVELS TO NATIONAL GRID GPS

Rev:	Date:	Amendment:	DRN	CHK
M	25.02.19	Architect layout updated revision E	IE	
L	12.12.18	Widened hard margin specification amended	IE	
K	03.12.18	Architect layout updated (plot 18 substitution)	IE	
J	20.11.18	Hard margin between visitor parking bays revised	IE	
I	15.11.18	Hard margin widened between visitor parking bays	IE	
H	22.10.18	RSA comments incorporated	IE	
G	10.07.18	Amended to Kirklees comments received 9 July 2018	IE	
F	26.06.18	Garage FFL's revised at plots 7 and 16	IE	
E	05.06.18	Kirklees comments incorporated from 3 May 2018	IE	
D	19.02.18	Architect layout updated	IE	
C	04.01.18	Architect layout updated	IE	
B	10.11.17	Original architect layout incorporated	IE	
A	03.11.17	Architect layout updated	IE	

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It is the contractors responsibility to ensure full compliance with the Building Regulations. Do not scale from this drawing, use figured dimensions only. It is the contractors responsibility to check and verify all dimensions on site. Any discrepancies to be reported immediately.
IF IN DOUBT ASK.

Materials not in conformity with relevant British or European Standards/Codes of practice or materials known to be deleterious to health & safety must not be used or specified on this project.

Client: Jones Hiomes (Yorkshire) Limited

Project: Residential Development
Swallow Lane, Golcar

Status:

E highways@bryanghall.co.uk
Suite E15 | Josephs Well
Hanover Walk
LEEDS | LS3 1AB
T 0113 246 1555
F 0113 234 2201

W www.bryanghall.co.uk
Lighterman House
26/36 Wharfdale Road
LONDON | N1 9RY
T 0203 077 2103

BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS
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Title: Pavement Details

Scale: 1:250
A1 - 594 x 841

Drawn: IE

Checked: JP

Drawing No: 17/336/700/001
Job No: 17-336

Revision: M
Date: 11/10/17