Copyright Barter Hill Partnership. This drawing shall not be copied in whole or part without the written permission of The Barter Hill Partnership.

Notes

1. **PRELIMINARY DRAWING: This drawing should be read as a PRELIMINARY issue and should NOT be used for construction under any circumstances.**
2. **The design has been carried out in accordance with all current working drawings provided by Persimmon Homes.**
3. **Drawing subject to Section 278 approval.**

1. **THIS DRAWING IS SUBJECT TO TECHNICAL APPROVAL BY KENT COUNTY COUNCIL.**
2. **ALL COVERS AND FRAMES ARE TO BE RESET TO SUIT REVISED SURFACE LEVELS.**
3. **ROAD CONSTRUCTION MATERIALS, SPECIFICATION AND DEPTHS ARE TO MATCH THAT CURRENTLY LAID ON SITE.**
4. **ALL HIGHWAY SIGNS, INCLUDING SIGNS SET ASIDE FOR REUSE, MUST BE MICRO-PRISMATIC (DIAMOND GRADE).**
5. **CONTRACTORS ARE TO TEST ALL CONSTRUCTION MATERIALS RIGOROUSLY, AS PER KENT COUNTY COUNCIL 'DESIGN GUIDES'.**
6. **ALL ADOPTABLE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH 'KENT HIGHWAYS DESIGN GUIDE'.**
7. **MANHOLE & CHAMBER COVERS IN FOOTWAYS & VERGES ARE TO BE CLASS 250.**
8. **WHERE MANHOLES & CHAMBER COVERS ARE PLACED WITHIN HIGH RISK AREAS, THEY ARETO HAVE A MINIMUM POLISHED SKID RESISTANCE VALUE OF 60.**
9. **ALL STATUTORY UNDERTAKERS' COVERS & FRAMES FOR CLEAR OPENING 450mm x 450mm OR SMALLER SHALL CONFORM TO THE REQUIREMENT OF BS 5834-2:2011, SURFACE BOXES, GUARDS & UNDERGROUND CHAMBERS FOR THE PURPOSES OF UTILITIES.**
10. **COVERS & FRAMES WITHIN THE FOOTWAY AREAS ARE TO BE INSTALLED TO THE REAR OF THE FOOTWAY AS FAR FROM THE CARRIAGEWAY KERB EDGE AS POSSIBLE.**
11. **REFER TO BARTER HILL DRAWING: 8421-300-003 FOR EXTENT OF ANTI-SKID SURFACING. NOTE THAT SURFACING IS TO EXTEND 50m FROM THE ROAD MARKINGS/STUDS AT THE PROPOSED CROSSING**

JUNCTION VISIBILITY SPLAY 2.4m x 90m
SOFT VERGE WITH LOW LEVEL PLANTING OR GRASS TO ENSURE VISIBILITY IS MAINTAINED.
EXISTING HIGHWAY BOUNDARY
EXISTING KERBING TO BE ASSESSED ON SITE
Dia 1055
NEW EDGING
NEW EDGING
TACTILE PAVING (RED)
Dia 4007 YELLOW GLOBE (BELISHA BEACON)
Dia 1001.5
DUCT JUNCTION PIT
Dia 1001.4 (8No.)
ZEBRA VISIBILITY SPLAY 90m
SOFT VERGE WITH LOW LEVEL PLANTING OR GRASS TO ENSURE VISIBILITY IS MAINTAINED.
ZEBRA VISIBILITY SPLAY 90m
Dia 1001.4 (8No.)
Dia 1001.5
Dia 4007 YELLOW GLOBE (BELISHA BEACON)
NEW EDGING
TACTILE PAVING (RED)
NEW EDGING
Dia 1055
PROPOSED STREET LIGHTING COLUMN. REFER TO DFL DRAWING '3283-DFL-HLG-XX-DR-EO-13001-S3'
DUCT JUNCTION PIT

SECTION 25 ZEBRA CROSSING POINT

SCALE 1:100

0 1 2 5 10m
1:100
DO NOT SCALE

S278 GENERAL ARRANGEMENT KEY

HIGHWAY BOUNDARY	
VISIBILITY SPLAY 2m x 90m	
TACTILE PAVING (CONTROLLED)	
TACTILE PAVING (UNCONTROLLED)	
Dia 4007 YELLOW GLOBE (BELISHA BEACON)	
PROPOSED ROUTE OF TWO 100mm TWIN WALL CABLE DUCT WITH "STREET LIGHTING EMBOSED EVERY METRE ON TWO SIDES.	
PROPOSED ROUTE OF TWO 50mm TWIN WALL CABLE DUCT WITH "STREET LIGHTING EMBOSED EVERY METRE ON TWO SIDES.	
ASSUMED ROUTE OF EXISTING DUCTING UNDERNEATH FOOTWAY FOR EXISTING STREET LIGHTING NETWORK. EXACT LOCATION TO BE CONFIRMED PRIOR TO CONSTRUCTION.	
EXISTING ROAD GULLIES	

NEW EDGING
TACTILE PAVING (BUFF)
NEW EDGING
NEW EDGING
ZEBRA VISIBILITY SPLAY 90m

INFORMAL PEDESTRIAN CROSSING POINT

SCALE 1:100

0 1 2 5 10m
1:100
DO NOT SCALE

ZEBRA VISIBILITY SPLAY 90m
ZEBRA VISIBILITY SPLAY 90m
INFORMAL PEDESTRIAN CROSSING POINT

EXTENTS OF 90m ZEBRA VISIBILITY

SCALE 1:500

0 5 10 25 50m
1:500
DO NOT SCALE

Rev.	Description	By	Chk.	Date
F	GAP BETWEEN CROSSING GIVE WAY LINES REDUCED. EDGING ADDED TO BACK OF NEW FULL DEPTH FOOTWAY AREAS. DUCT JUNCTION PITS ADDED.	PT.	JR	25.09.25
E	PUFFIN CROSSING CHANGED TO ZEBRA CROSSING	PT.	JR	02.09.25
D	EXISTING ROAD GULLIES HIGHLIGHTED. VERGE NOTES AMENDED TO REFERENCE VISIBILITY.	PT.	JR	04.07.25
C	PUFFIN CROSSING ADJUSTED TO ACCEPT EXTENDED TACTILE PAVING ON WESTERN APPROACH.	PT.	JR	15.04.25
B	CROSSING DIMENSIONS AMENDED.	PT.	JR	11.04.25
A	PRELIMINARY ISSUE OF CROSSING WORKS SEPARATED FROM JUNCTION WORKS. ORIGINAL DRAWING NUMBER 8421-300-001.	PT.	JR	01.04.25

barterhill

Barter Hill Partnership Limited
Greenway Business Centre
Greenway
Harlow Business Park
Essex CM19 5QE
t: 01279 430888
e: mail@barterhill.co.uk

Consulting Structural & Civil Engineers
15 Meridian Way
Meridian Business Park
Norwich NR7 0TA
t: 01603 300360
e: mail@barterhill.co.uk

Client
Persimmon Homes

Project
Land off Barton Hill Drive
Minster-on-Sea

Drawing Title
Section 278 Crossing Works
General Arrangement

Designed by	Drawn by	Checked by
CJP	CJP / PT	JR

Scale @ A1	Date
1:100 & 1:500	March 2025

Drawing No.	Revision	Job Ref
8421-300-011	F	8421

Status
PRELIMINARY ISSUE

Cad file
P:8421/Civils/BHPDrawings/300

Contact Office
Norwich