"SHARKS TEETH" ROAD MARKINGS TO BE PROVIDED ON APPROACH TO RELOCATED START OF 30mph ZONE (SUBJECT TO TRO)

NEW 30mph SIGN TO BE PROVIDED (SUBJECT TO TRO)

NEW 40mph SIGN TO BE PROVIDED (SUBJECT TO TRO)

EXISTING SPEED CAMERA AND ASSOCIATED ROAD MARKINGS TO BE RELOCATED. DETAILS TO BE CONFIRMED

DOUBLE YELLOW LINING TO BE EXTENDED (SUBJECT TO TRO)

NEW 30mph SIGN TO BE PROVIDED (SUBJECT TO TRO)

NEW 40mph SIGN TO BE PROVIDED (SUBJECT TO TRO)

RETAINING STRUCTURE TO BE PROVIDED AT BACK OF FOOTWAY DUE TO LEVEL DIFFERENCE BETWEEN ROAD AND PROPOSED SITE. RETAINING WALL TYPE TO MATCH EXISTING

2m WIDE FOOTWAY TO BE PROVIDED ACROSS SITE FRONTAGE

PEDESTRIAN CROSSING POINT WITH REFUGE ISLAND TO BE PROVIDED

RAMPED / STEPPED ACCESS INTO SITE TO BE PROVIDED

CARRIAGEWAY TO BE WIDENED BY APPROX. 2m TO ACCOMMODATE NEW JUNCTION ARRANGEMENT

HATCHED HGV OVERRUN AREA TO BE PROVIDED

GHOST ISLAND JUNCTION WITH RIGHT TURN LANE TO BE PROVIDED

HUDDERSFIELD ROAD

THE MALTINGS

EXISTING PEDESTRIAN CROSSING POINT ACROSS JUNCTION TO BE RECONSTRUCTED WITH TACTILE PAVING

EXISTING CYC TO BE REFRE

PEDESTRIAN CROSSING POINT ACROSS JUNCTION TO BE PROVIDED

AREA BOUNDED MAGENTA TO BE OFFERED UP FOR ADOPTION

PEDESTRIAN CROSSING POINT WITH REFUGE ISLAND TO BE PROVIDED

CARRIAGEWAY TO BE WIDENED BY APPROX. 2m TO ACCOMMODATE NEW JUNCTION ARRANGEMENT

RETAINING STRUCTURE TO BE PROVIDED AT BACK OF FOOTWAY DUE TO LEVEL DIFFERENCE BETWEEN ROAD AND PROPOSED SITE. RETAINING WALL TYPE TO MATCH EXISTING

2m WIDE FOOTWAY TO BE PROVIDED ACROSS SITE FRONTAGE

PROPOSED RETAINING WALL TO RETURN SOUTH AROUND CORNER

CUT LINE

CUT LINE

EXISTING CYCLEWAY MARKING TO BE REFRESHED

CENTRELINE AND CYCLEWAY WHITE LINING TO BE REFRESHED

CUT LINE

CUT LINE

ING WALL AROUND

EXISTING ROUNDEL AND RED COLOURED ROAD MARKINGS TO BE PLANED OFF AND RESURFACED

EXISTING "SHARKS TEETH" ROAD MARKINGS TO BE REMOVED

EXISTING SPEED LIMIT SIGNAGE TO BE REMOVED (SUBJECT TO TRO)

NOTES

1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE
3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS

KEY

- ALDI SITE BOUNDARY
- EXISTING HIGHWAY BOUNDARY
- AREA TO BE OFFERED UP FOR ADOPTION
- EXISTING CARRIAGEWAY RESURFACING / OVERLAY
- NEW CARRIAGEWAY CONSTRUCTION
- NEW FOOTWAY CONSTRUCTION
- LINE OF PROPOSED HIGHWAY RETAINING STRUCTURE (TO BE DESIGNED BY OTHERS)

REVISIONS

REV	DESCRIPTION	DATE	BY
–	FIRST ISSUE	05/05/22	TS
A	EASTERN REFUGE ISLAND NARROWED	23/06/22	TS
B	WESTERN REFUGE ISLAND NARROWED	29/06/22	TS
C	4.2m CLEARANCE TO ISLANDS INCLUDED	14/10/22	TS
D	CYCLEWAY INCREASED TO 1.5m	08/11/22	TS
E	ARCHITECTS LAYOUT UPDATED	23/12/22	TS
F	DESIGN DEVELOPED	10/01/23	TS
G	DESIGN DEVELOPED	16/01/23	TS
H	UPDATED TO VEHICLES COMMENTS	16/02/23	AJA
I	TROs ADDED	20/02/23	AJA
J	TROs UPDATED	04/12/23	AJA
K	UPDATED FOLLOWING SITE MEETING	14/12/23	AJA

ANDREW MOSELEY ASSOCIATES
TRANSPORT AND DEVELOPMENT PLANNING CONSULTANTS

Project: HUDDERSFIELD ROAD MIRFIELD

Client: ALDI STORES LTD

Drawing: SECTION 278 WORKS GENERAL ARRANGEMENT

Drawn By: TS | DATE: 05/05/2022

Checked: RC | Scale: 1:250 @ A1

Drawing No.: AMA/40110/D/001 | Rev.: K



NOTES

1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE
3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS
4) FOR LONGITUDINAL AND CROSS SECTIONS REFER TO DRAWING NUMBER AMA/40010/D/003

KEY

- ALDI SITE BOUNDARY
- EXISTING MAJOR CONTOUR 250mm INTERVALS
- EXISTING MINOR CONTOUR 50mm INTERVALS
- EXISTING CARRIAGEWAY CROWN
- PROPOSED MAJOR CONTOUR 250mm INTERVALS
- PROPOSED MINOR CONTOUR 50mm INTERVALS
- PROPOSED CARRIAGEWAY CROWN
- LINE OF PROPOSED HIGHWAY RETAINING STRUCTURE (TO BE DESIGNED BY OTHERS)
- 00.000 PROPOSED CARRIAGEWAY CHANNEL LEVEL
- 00.000 PROPOSED BACK OF FOOTWAY LEVEL
- 00.000 INDICATIVE PROPOSED BOTTOM OF WALL LEVEL

RETAINING WALL LEVELS SHOWN ARE INDICATIVE ONLY. REFER TO INTERNAL SITE DESIGN AND STRUCTURAL ENGINEERS DETAILS

REVISIONS

REV	DESCRIPTION	DATE	BY
-	ISSUED FOR COORDINATION	10/01/23	TS
A	DESIGN DEVELOPED	16/01/23	TS
B	UPDATED TO KIRKLEES COMMENTS	16/02/23	AJA
C	TACTILE ADDED ON "THE MALTINGS"	19/12/23	AJA

ANDREW MOSELEY ASSOCIATES
CIVIL ENGINEERS AND DEVELOPMENT PLANNING CONSULTANTS

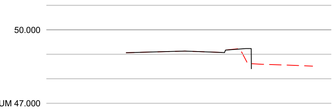
Project: HUDDERSFIELD ROAD MIRFIELD

Client: ALDI STORES LTD

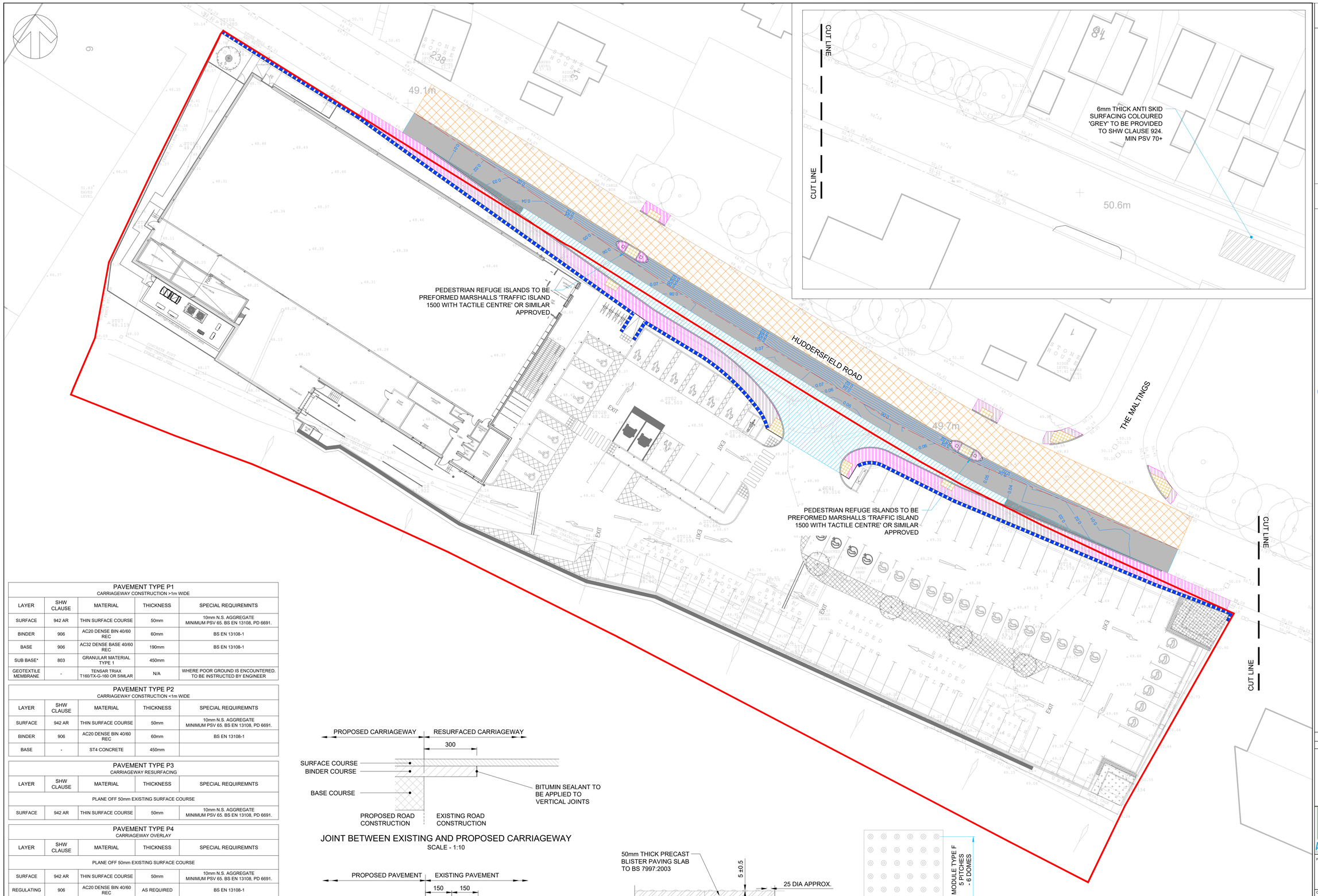
Drawing: SECTION 278 WORKS FINISHED SURFACE LEVELS

Drawn By:	DATE:
TS	10/01/2023
Checked:	Scale:
RC	1:250 @ A1

Drawing No: AMA/40110/D/002 Rev: C


50.000
DATUM 47.000

| | | |


PEDESTRIAN REFUGE ISLANDS TO BE PREFORMED MARSHALLS 'TRAFFIC ISLAND 1500 WITH TACTILE CENTRE' OR SIMILAR APPROVED
HUDDERSFIELD ROAD
THE MALTINGS
CUT LINE
CUT LINE
6mm THICK ANTI SKID SURFACING COLOURED 'GREY' TO BE PROVIDED TO SHW CLAUSE 924. MIN PSV 70+
49.1m
49.7m
50.6m
EXIT
EXIT
EXIT

PEDESTRIAN REFUGE ISLANDS TO BE PREFORMED MARSHALLS 'TRAFFIC ISLAND 1500 WITH TACTILE CENTRE' OR SIMILAR APPROVED

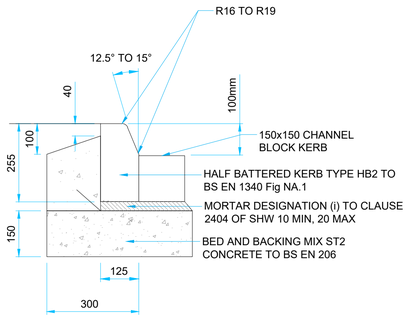
HUDDERSFIELD ROAD

THE MALTINGS

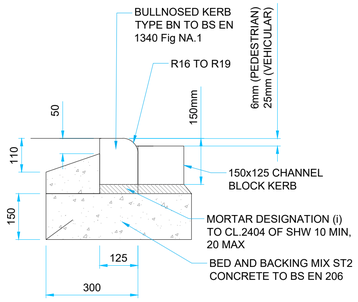
49.1m

49.7m

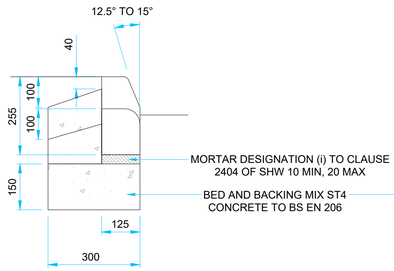
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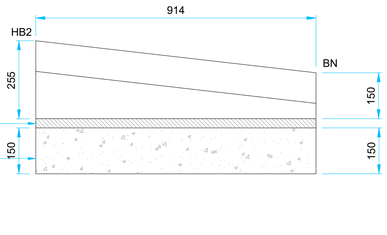


HALF BATTERED KERB (TYPE HB2)
SCALE - 1:10

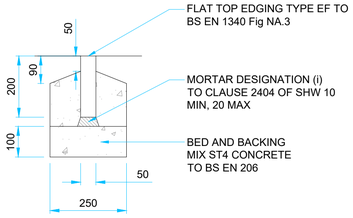


BULL NOSED KERB (TYPE BN)
SCALE - 1:10





DROPPED TRANSITION KERB
SCALE - 1:10



FLAT TOP EDGING (TYPE EF)
SCALE - 1:10

NOTES

1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE
3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS

KEY

- 450mm BUFF COLOURED BLISTER TACTILE PAVING
- HALF BATTERED KERB TYPE HB2 — 100mm UPSTAND
- BULLNOSED KERB TYPE BN — 0 - 6mm UPSTAND
- CHANNEL KERB TYPE CS2 — LAID FLUSH
- DROPPED TRANSITION KERB
- FLAT TOP EDGING TYPE EF — LAID FLUSH
- LINE OF PROPOSED HIGHWAY RETAINING STRUCTURE

REVISIONS

REV	DESCRIPTION	DATE	BY
-	FIRST ISSUE	16/01/23	TS
A	UPDATED TO SUIT KIRKLEES' COMMENTS	16/02/23	AJA
B	KERB DETAILS UPDATED	25/07/23	AJA
C	UPDATED FOLLOWING SITE MEETING	19/12/23	AJA

ANDREW MOSELEY ASSOCIATES
TRANSPORT AND DEVELOPMENT PLANNING CONSULTANTS

Project: HUDDERSFIELD ROAD MIRFIELD

Client: ALDI STORES LTD

Drawing: SECTION 278 WORKS KERBS AND EDGINGS

Drawn By:	DATE:
TS	13/01/2023
Checked:	Scale:
RC	1:250 @ A1

Drawing No.: AMA/40110/D/005 Rev.: C

"SHARKS TEETH" ROAD MARKINGS TO BE PROVIDED ON APPROACH TO RELOCATED START OF 30mph ZONE (SUBJECT TO TRO). 800 x 750mm MARKINGS AT 2.5m SPACING

6mm THICK ANTI SKID SURFACING COLOURED 'GREY' TO BE PROVIDED TO SHW CLAUSE 924. MIN PSV 70+

NORTHWEST FACING 30 SOUTHEAST FACING 40

600mm SPEED LIMIT SIGNS TO DIAG. 670
MOUNTING HEIGHT 2.1m
POST TYPE: 60.3 x 3.2 CHS
POST LENGTH: 3900mm
BASE WIDTH: 800mm
BASE LENGTH: 850mm
BASE DEPTH: 800mm
BASE VOLUME: 0.54m³
COVER: 150mm
BLINDING LAYER: 50mm

DIAG 1065
4300mm

DIAG 1057
1780mm

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

EXISTING SPEED CAMERA AND ASSOCIATED ROAD MARKINGS TO BE RELOCATED. DETAILS TO BE CONFIRMED

CENTRAL HATCHING TO TIE INTO EXISTING CENTRELINE AT THIS POINT

NORTHWEST FACING 30 SOUTHEAST FACING 40

600mm SPEED LIMIT SIGNS TO DIAG. 670
MOUNTING HEIGHT 2.1m
POST TYPE: 60.3 x 3.2 CHS
POST LENGTH: 3900mm
BASE WIDTH: 800mm
BASE LENGTH: 850mm
BASE DEPTH: 800mm
BASE VOLUME: 0.54m³
COVER: 150mm
BLINDING LAYER: 50mm

DIAG . 1018.1
100mm WIDTH

DIAG . 1018.1
100mm WIDTH

DIAG 1039
8000mm

DIAG . 1040
150mm WIDTH 3000mm SPACING

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1038
4000mm

DIAG 1038
4000mm

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG . 1018.1
100mm WIDTH

DIAG . 1018.1
100mm WIDTH

SOLAR POWERED BOLLARD WITH KEEP LEFT (DIAG 610) AS PER KIRKLEES STANDARD DETAIL 11/12A

SOLAR POWERED BOLLARD WITH KEEP LEFT (DIAG 610) AS PER KIRKLEES STANDARD DETAIL 11/12A

SOLAR POWERED BOLLARD WITH KEEP LEFT (DIAG 610) AS PER KIRKLEES STANDARD DETAIL 11/12A

HUDDERSFIELD ROAD

THE MALTINGS

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG . 1040
150mm WIDTH 3000mm SPACING

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1003A
600mm LINE, 300mm GAP
200mm WIDE

DIAG 1023A
3750mm

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1009A
600mm LINE, 300mm GAP
100mm WIDE

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG . 1040
150mm WIDTH 3000mm SPACING

DIAG . 1018.1
100mm WIDTH

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

DIAG . 1018.1
100mm WIDTH

CUT LINE

CUT LINE

CUT LINE

CUT LINE

4000mm LINE, 2000mm GAP
100mm WIDE

DIAG . 1018.1
100mm WIDTH

CENTRELINE AND CYCLEWAY WHITE LINING TO BE REFRESHED

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

EXISTING ROUNDEL AND RED COLOURED ROAD MARKINGS TO BE PLANED OFF AND RESURFACED

DIAG 1004
4000mm LINE, 2000mm GAP
100mm WIDE

EXISTING "SHARKS TEETH" ROAD MARKINGS TO BE REMOVED

EXISTING SPEED LIMIT SIGNAGE TO BE REMOVED (SUBJECT TO TRO)

NOTES

1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE
3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS

KEY

ALDI SITE BOUNDARY

REVISIONS

REV	DESCRIPTION	DATE	BY
–	FIRST ISSUE	16/01/22	TS
A	UPDATED TO KIRKLEES COMMENTS	16/02/22	AJA
B	TROs ADDED	20/03/23	AJA
C	TROs UPDATED	04/12/23	AJA
D	UPDATED FOLLOWING SITE MEETING	18/12/23	AJA

ANDREW MOSELEY ASSOCIATES
ENVIRONMENT AND DEVELOPMENT PLANNING CONSULTANTS

Project:
HUDDERSFIELD ROAD
MIRFIELD

Client:
ALDI STORES LTD

Drawing:
SECTION 278 WORKS
ROAD MARKINGS AND SIGNAGE

Drawn By:	DATE:
TS	13/01/2023
Checked:	Scale:
RC	1:250 @ A1

Drawing No.: AMA/40110/D/006 Rev.: D

EXISTING GULLY TO BE REMOVED AND NEW GULLY PROVIDED TO SUIT REALIGNED KERB. EXISTING GULLY LEAD TO BE RETAINED

EXISTING GULLY TO BE REMOVED AND NEW GULLY PROVIDED TO SUIT REALIGNED KERB. EXISTING GULLY LEAD TO BE RETAINED

EXISTING GULLY TO BE REMOVED AND NEW GULLY PROVIDED TO SUIT REALIGNED KERB. EXISTING GULLY LEAD TO BE RETAINED

EXISTING GULLY TO BE REMOVED AND NEW GULLY PROVIDED TO SUIT REALIGNED KERB. EXISTING GULLY LEAD TO BE RETAINED

3NO. NEW GULLIES TO BE PROVIDED. GULLIES TO CONNECT INTO EXISTING HIGHWAY DRAINAGE NETWORK. CONNECTION POINT TO BE CONFIRMED

NEW GULLY TO BE PROVIDED AT DEVIATION IN KERB LINE. GULLY TO CONNECT INTO EXISTING HIGHWAY DRAINAGE NETWORK. CONNECTION POINT TO BE CONFIRMED

EXISTING GULLY TO BE REMOVED AND NEW GULLY PROVIDED TO SUIT REALIGNED KERB. EXISTING GULLY LEAD TO BE RETAINED

HUDDERSFIELD ROAD

THE MALTINGS

49.1m

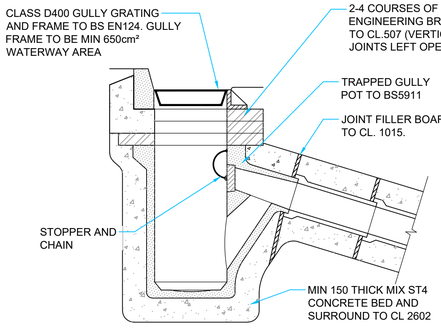
49.7m

NOTES

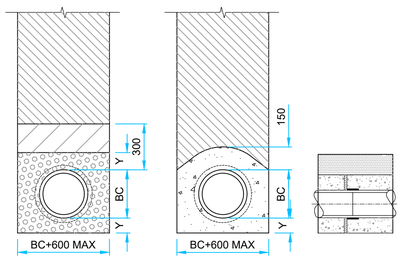
1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE
3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS

KEY

- ALDI SITE BOUNDARY
- MAJOR CONTOUR 250mm INTERVALS
- MINOR CONTOUR 50mm INTERVALS
- EXISTING GULLY AND LEAD TO BE RETAINED
- EXISTING GULLY TO BE REMOVED AND LEAD TO BE RETAINED
- PROPOSED GULLY WITH 150Ø LEAD
- EXISTING IRONWORK TO BE ADJUSTED TO SUIT PROPOSALS
- EXISTING IRONWORK TO BE ADJUSTED TO SUIT PROPOSALS. COVER AND FRAME TO BE UPGRADED TO D400 GRADE



TRAPPED CONCRETE GULLY WITH SPIGOT OUTLET (450x900)
SCALE - 1:20



GRANULAR BED AND SURROUND CLASS 'S' >1.2m COVER

CONCRETE BED AND SURROUND CLASS 'Z' <1.2m COVER

BC = OUTSIDE DIAMETER OF PIPE.

DIMENSION Y:

CLASS	MACHINE DUG UNIFORM SOIL	ROCK OR MIXED SOILS
S	NOTE (i)	NOTE (ii)
Z	NOTE (ii)	NOTE (ii)

(i) Y=BC/6, WITH MIN 100 UNDER BARRELS (50 FOR SLEEVE JOINTED) AND MIN 50 UNDER SOCKETS, WHICHEVER IS THE GREATER, WITH MAX OF 400.

(ii) Y=BC/4, WITH MIN 200 UNDER BARRELS (150 FOR SLEEVE JOINTED) AND MIN 150 UNDER SOCKETS, WHICHEVER IS THE GREATER, WITH A MAX OF 400.

PIPE BEDDING CLASSIFICATIONS ARE DERIVED FROM T.R.R.L. DOCUMENT 'SIMPLIFIED TABLES OF EXTERNAL LOADS ON BURIED PIPELINES.'

PIPE BEDDING DETAILS
SCALE - 1:20

REVISIONS

REV	DESCRIPTION	DATE	BY
-	FIRST ISSUE	16/01/23	TS
A	UPDATED TO KIRKLEES COMMENTS	16/02/23	AJA
B	GULLY LEADS AT ACCESS ADJUSTED	02/05/23	AJA

ANDREW MOSELEY ASSOCIATES
TRANSPORT AND DEVELOPMENT PLANNING CONSULTANTS

Project: HUDDERSFIELD ROAD MIRFIELD

Client: ALDI STORES LTD

Drawing: SECTION 278 WORKS DRAINAGE AND UTILITIES

Drawn By: TS | DATE: 13/01/2023

Checked: RC | Scale: 1:250 @ A1

Drawing No.: AMA/40110/D/007 | Rev.: B



NOTES

1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE
3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS

KEY

- G — ABANDON EXISTING GULLY CONNECTION TO BE REUSED. REMOVE GRATE & FRAME , GULLY POT TO BE BROKEN OUT & BACKFILLED WITH ST2 CONCRETE.
- EXISTING KERB TO BE REMOVED TO BE DISPOSED OF OFF SITE
- EXISTING WALL TO BE DISMANTLED AND DISPOSED OF OFF SITE. RAILINGS TO BE REMOVED PRIOR TO DISMANTLING
- EXISTING GATE TO BE REMOVED AND DISPOSED OF OFF SITE
- EXISTING FENCE TO BE REMOVED AND DISPOSED OF OFF SITE
- B — EXISTING BOLLARD TO BE REMOVED TO BE DISPOSED OF OFF SITE

REVISIONS

REV	DESCRIPTION	DATE	BY
-	FIRST ISSUE	16/01/23	TS
A	TACTILES ADDED TO "THE MALTINGS"	18/12/23	TS

ANDREW MOSELEY ASSOCIATES
TRANSPORT AND DEVELOPMENT PLANNING CONSULTANTS

Project: HUDDERSFIELD ROAD MIRFIELD

Client: ALDI STORES LTD

Drawing: SECTION 278 WORKS SITE CLEARANCE

Drawn By:	DATE:
TS	13/01/2023
Checked:	Scale:
RC	1:250 @ A1

Drawing No.: AMA/40110/D/008 Rev.: A


HUDDERSFIELD ROAD
THE MALTINGS
240
238
49.1m
49.7m
EXIT
EXIT
EXIT
EXIT
EXIT
BRICK/ CLADDED BUILDING
BRICK/ CLADDED BUILDING
BRICK/ CLADDED BUILDING
BRICK/ CLADDED BUILDING
STONE HOUSE
STONE HOUSE
STONE HOUSE