0	20/11/2023	ORIGINAL ISSUE	TA	DM	MA
Rev	Date	Description	Drn	Chk	App

This drawing has been specifically prepared to meet the requirements of the named client and may contain design and innovative features which differ from conventional design standards.

PROJECT CENTRE

www.marstonholdings.co.uk/projectcentre

Client

Working in partnership

BeFirst Barking & Dagenham

Project

LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title

GENERAL ARRANGEMENT
SECTION 5
OVERVIEW PLAN

Drawing Status

FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	NOV 2023	N. T. S.	A1

Drawing No.

1000009040-5-S5-0100-00

Rev 0

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer
⚠ CONSTRUCTION ---- No significant hazards
⚠ DEMOLITION ---- No significant hazards
⚠ MAINTENANCE & OPERATION ---- No significant hazards
It is assumed that all works be carried out by a competent contractor working,to an approved method statement.
Approved by: MA

\\itservices.local\shared$\Project Centre\Project-BST\1000009040 - LBBD Longbridge Corridor BP Design\2 Project Delivery\6 CAD\2 Drawing\Section 5\1000009040-5-S5-0100.dwg

Existing carriageway to be resurfaced

Existing bus shelter to be relocated. Existing green space to be reduced

Existing low upstand kerb to be raised to 125mm upstand

Relocated bus shelter to improve bus stop accessibility

LONGBRIDGE ROAD

BUS LANE

BUS STOP

BUS SHELTER

Mon - Sat 7 am - 7 pm

No loading Mon - Sat 7 am - 7 pm

local taxi Mon - Sat 7 am - 7 pm

Bus lane Mon - Sat 7 am - 7 pm

STRATTON DRIVE

Marquis Court

For continuation see viewport below

For continuation see viewport above

For continuation see Drawing 1000009040-5-S5-0100-02

For continuation see Drawing 1000009040-5-S5-0100-03

C01 Medium pressure gas main - proceed with caution.

NOTES:

1. All dimensions are in metres unless otherwise specified.
2. Do not scale from this drawing, use printed dimensions only.
3. Exact location of proposed furniture to be confirmed on site prior to implementation.
4. Drawings to be printed in colour (minimum A3 format) for clarity of materials used.
5. All signs to be mounted at a vertical clearance of 2.3m (min) and to have a lateral clearance of 0.45m (min) from the kerb face.
6. All proposed road markings and signs to be in accordance with TSRGD 2016.

KERBS AND PAVING NOTES:

1. Hatch patterns are for clarity of drawings and do not represent actual paving patterns.
2. No less than 1/3 of a paving unit is to be used (minimum 100mm).
3. Drawings to be printed in colour (minimum A3 format) for clarity of materials used.
4. All proposed paving and kerbs to match existing.
5. At the scheme extents any proposed kerbs shall tie into existing arrangements unless otherwise stated.
6. All paving types, bonding alignments and detailing to be checked on site by the Supervisor.
7. The Contractor is to check all setting out information prior to commencement of works. Any discrepancies to be reported to the Supervisor immediately.
8. Subject to agreement with utility providers, all new chamber covers should be aligned with the proposed pavement.
9. Subject to agreement with utility providers, existing chamber covers should be rotated where ever feasible and reasonable to align with paving direction.
10. Set out from kerb edge with full pavers and half pavers unless otherwise stated on drawings.
11. At the scheme extents any proposed kerbs shall tie into existing arrangements.

SITE CLEARANCE NOTES:

1. The exact positions of mains and services must be established via CAT scan prior to works being undertaken.
2. Existing road markings to be removed by Hydro-jetting.
3. All iron works and service box covers shall be raised and or lowered to suit proposed design levels.
4. Where lamp columns/lighting units are to be disconnected cables are to be pot ended and made safe; electrical suppliers are to be notified.

DRAINAGE:

1. Location of services to be verified on site by contractor prior to installation of drainage assets; Engineer to be notified where discrepancies arise and locations to be adjusted where required to avoid clash with services.
2. Location of surface water carrier drain is estimated, pending jetting and survey.
3. Where existing gullies are to be removed, gully leads upstream of new Y connections are to be capped/backfilled
5. Existing gullies to be reused where possible and raised to new surface level using concrete/brickwork
4. This drawing should be read in conjunction with and as part of the stage 5 drawing package for Section 5 of 1000009040 Longbridge Road Bus Priority Scheme.

LEGEND

- Install yellow/white road marking Thermoplastic screed with applied glass beads
- Install upstand kerb (80mm to 125mm upstand) Precast Concrete, silver grey
- Install upstand kerb by bus stops (125mm upstand) Precast Concrete, silver grey
- Install cycle demarcation kerb (200mm x 200mm x 60mm) Precast Concrete, white (Marshalls) To be constructed allowing 200mm gaps every 2000mm
- Install dropped kerb (6mm upstand) Precast Concrete, silver grey
- Install dropper/transition Kerb Precast Concrete, silver grey
- Install edging kerb (50mm x 150mm)
- Change of level
- Direction of surface water flow
- Install new posts Galvanised steel, straight sign posts
- Install new signs
- Install illuminated bollard on traffic islands
- Install wooden bollard
- Install new/relocated lamp column
- Existing post to be removed
- Existing sign to be removed
- Install traffic signal with with pedestrian push button
- Install red/buff tactile paving 400x400x65mm.
- Install new gully
- Existing gully to be removed
- Existing gully to be retained
- New gully lead
- Assumed existing gully lead direction
- Existing footway to be excavated and replaced by new asphalt construction: Surface course: 20mm AC6 Dense 100/150 Binder course: 80mm thick AC20 dense bin 40/60 Base: 150mm Recycled Thick Type 1
- Install asphalt (black top) new/existing traffic island: Surface course: 35mm AC6 Dense 100/150 Binder course: 100mm C6/8 (ST1) Concrete Base: 100mm Recycled Thick Type 1
- Install cycle track on footway: Surface course: 6mm AC6 Dense 100/150 Binder course: 80mm thick AC20 dense bin 40/60 Base: 150mm Recycled Thick Type 1 Colour: Deep Chrome Green
- Install asphalt (black top) on existing carriageway: 40mm TSCS 10 65psv
- Existing buildout/footway to be removed
- Existing paving to be removed
- Install low level planting, 150mm thick topsoil
- Install FloxiPave around tree surrounds
- Existing ironworks to be adjusted
- Bench Install bench
- Install cycle stand
- Install cycle lane defender with 'City Post' (TMP Solutions) 2000mm x 235mm
- Existing tree to be pruned
- Existing tree not affected
- Setting out
- X.XX Setting out dimensions

Rev	Date	Description	Drn	Chk	App
3	01/02/2024	BUS STOP SHELTER RELOCATED FOLLOWING COMMENTS FROM TFL BUSES	TA	DM	MA
2	24/01/2024	TRAFFIC LANE AND BUS LANE WIDTHS ADJUSTED TO 3.25M	TA	DM	MA
1	16/01/2024	AMENDMENTS FOLLOWING CLIENTS COMMENTS	TA	DM	MA
0	20/11/2023	ORIGINAL ISSUE	TA	DM	MA

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PROJECT CENTRE

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Client

Working in partnership

BeFirst Barking & Dagenham

Project

LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title

GENERAL ARRANGEMENT
SECTION 5
SHEET 01 OF 06

Drawing Status

FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	NOV 2023	1:200	A1

Drawing No. 1000009040-5-S5-0100-01

Rev 2

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer

⚠ CONSTRUCTION
C01 Medium pressure gas main - proceed with caution.

▲ DEMOLITION
---- No significant hazards

⚠ MAINTENANCE & OPERATION
---- No significant hazards

It is assumed that all works be carried out by a competent contractor working,to an approved method statement.

Approved by: MA

Pedestrian crossing construction to be done in two phases.
PHASE 1 - widening of existing Zebra crossing:
- Belisha beacons to be relocated
- Traffic island and tactile to be widened
- Zebra markings to be extended to new crossing width

PHASE 2 - Upgrading existing Zebra crossing to Pedex crossing (involving signal works):
- Zebra markings to be removed and new markings to be painted
- Belisha beacons to be removed
- Signals installation following TfL 3rd party approval

Existing crossing to be widened
Existing ambulance bay to be widened
Existing crossing traffic island to be widened and constructed to match existing materials
Existing zebra crossing to be updated to Pedex crossing
For continuation see Drawing 1000009040-5-S5-0100-01
For continuation see Drawing 1000009040-5-S5-0100-03
BRIXHAM GARDENS
LONGBRIDGE ROAD
BUS LANE
1 to 7 Cromwell Ridge
249
251
265 to 275
289 to 299
282 to 278
276 to 272
AMBULANCES
Bus lane
Mon - Sat
7 am - 7 pm
No loading
Mon - Sat
7 am - 7 pm
C01

NOTES:

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4. Drawings to be printed in colour (minimum A3 format) for clarity of materials used.
5. All signs to be mounted at a vertical clearance of 2.3m (min) and to have a lateral clearance of 0.45m (min) from the kerb face.
6. All proposed road markings and signs to be in accordance with TSRGD 2016.

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7. The Contractor is to check all setting out information prior to commencement of works. Any discrepancies to be reported to the Supervisor immediately.
8. Subject to agreement with utility providers, all new chamber covers should be aligned with the proposed pavement.
9. Subject to agreement with utility providers, existing chamber covers should be rotated where ever feasible and reasonable to align with paving direction.
10. Set out from kerb edge with full pavers and half pavers unless otherwise stated on drawings.
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SITE CLEARANCE NOTES:

1. The exact positions of mains and services must be established via CAT scan prior to works being undertaken.
2. Existing road markings to be removed by Hydro-jetting.
3. All iron works and service box covers shall be raised and or lowered to suit proposed design levels.
4. Where lamp columns/lighting units are to be disconnected cables are to be pot ended and made safe; electrical suppliers are to be notified.

DRAINAGE:

1. Location of services to be verified on site by contractor prior to installation of drainage assets; Engineer to be notified where discrepancies arise and locations to be adjusted where required to avoid clash with services.
2. Location of surface water carrier drain is estimated, pending jetting and survey.
3. Where existing gullies are to be removed, gully leads upstream of new Y connections are to be capped/backfilled
5. Existing gullies to be reused where possible and raised to new surface level using concrete/brickwork
4. This drawing should be read in conjunction with and as part of the stage 5 drawing package for Section 5 of 1000009040 Longbridge Road Bus Priority Scheme.

LEGEND

- Install yellow/white road marking — Thermoplastic screed with applied glass beads
- Install upstand kerb (80mm to 125mm upstand) — Precast Concrete, silver grey
- Install upstand kerb by bus stops (125mm upstand) — Precast Concrete, silver grey
- Install cycle demarcation kerb (200mm x 200mm x 60mm) — Precast Concrete, white (Marshalls) — To be constructed allowing 200mm gaps every 2000mm
- Install dropped kerb (6mm upstand) — Precast Concrete, silver grey
- Install dropper/transition Kerb — Precast Concrete, silver grey
- Install edging kerb (50mm x 150mm)
- Change of level
- Direction of surface water flow
- Install new posts — Galvanised steel, straight sign posts
- Install new signs
- Install illuminated bollard on traffic islands
- Install wooden bollard
- Install new/relocated lamp column
- Existing post to be removed
- Existing sign to be removed
- Install traffic signal with with pedestrian push button
- Install red/buff tactile paving — 400x400x65mm.
- Install new gully
- Existing gully to be removed
- Existing gully to be retained
- New gully lead
- Assumed existing gully lead direction
- Existing footway to be excavated and replaced by new asphalt construction: Surface course: 20mm AC6 Dense 100/150 Binder course: 80mm thick AC20 dense bin 40/60 Base: 150mm Recycled Thick Type 1
- Install asphalt (black top) new/existing traffic island: Surface course: 35mm AC6 Dense 100/150 Binder course: 100mm C6/8 (ST1) Concrete Base: 100mm Recycled Thick Type 1
- Install cycle track on footway: Surface course: 6mm AC6 Dense 100/150 Binder course: 80mm thick AC20 dense bin 40/60 Base: 150mm Recycled Thick Type 1 Colour: Deep Chrome Green
- Install asphalt (black top) on existing carriageway: 40mm TSCS 10 65psv
- Existing buildout/footway to be removed
- Existing paving to be removed
- Install low level planting, 150mm thick topsoil
- Install FlexiPave around tree surrounds
- Existing ironworks to be adjusted
- Bench — Install bench
- CS — Install cycle stand
- Install cycle lane defender with 'City Post' (TMP Solutions) 2000mm x 235mm
- Existing tree to be pruned
- Existing tree not affected
- Setting out
- X.XX — Setting out dimensions

Rev	Date	Description	Drn	Chk	App
2	24/01/2024	TRAFFIC LANE AND BUS LANE WIDTHS ADJUSTED TO 3.25M	TA	DM	MA
1	16/01/2024	AMENDMENTS FOLLOWING CLIENT'S COMMENTS	TA	DM	MA
0	20/11/2023	ORIGINAL ISSUE	TA	DM	MA

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PROJECT CENTRE
www.marstonholdings.co.uk/projectcentre

Client
Working in partnership
BeFirst Barking & Dagenham

Project
LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title
GENERAL ARRANGEMENT
SECTION 5
SHEET 02 OF 06

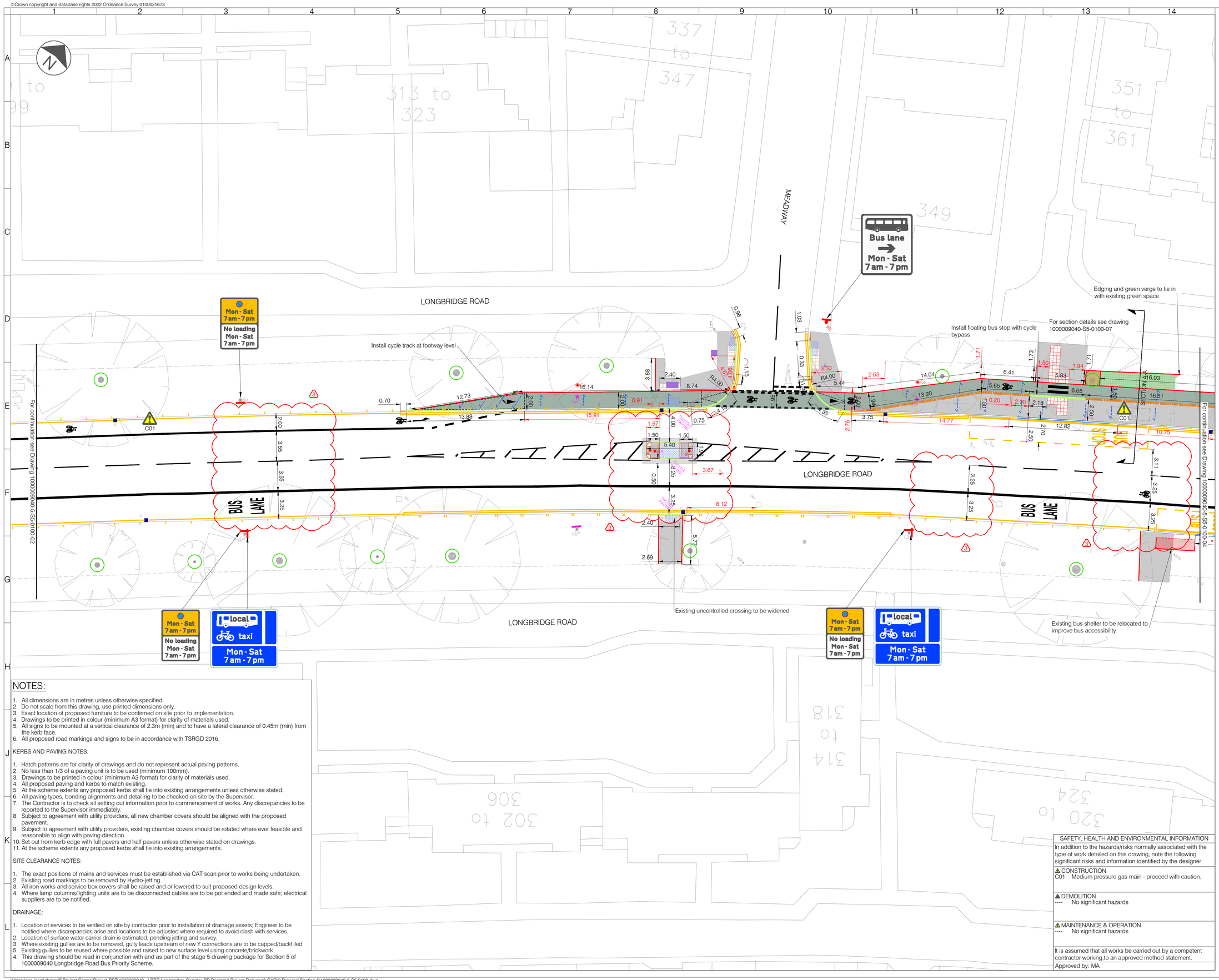
Drawing Status
FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	NOV 2023	1:200	A1

Drawing No. 1000009040-5-S5-0100-02
Rev 2

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer
⚠ CONSTRUCTION C01 Medium pressure gas main - proceed with caution.
▲ DEMOLITION ---- No significant hazards
⚠ MAINTENANCE & OPERATION ---- No significant hazards
It is assumed that all works be carried out by a competent contractor working,to an approved method statement.
Approved by: MA

\\ltservices.local\shared$\Project Centre\Project-BST\1000009040 - LBBD Longbridge Corridor BP Design\2 Project Delivery\6 CAD\2 Drawing\Section 5\1000009040-5-S5-0100.dwg



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4. Where lamp columns/lighting units are to be disconnected cables are to be pot ended and made safe; electrical suppliers are to be notified.

DRAINAGE:

1. Location of services to be verified on site by contractor prior to installation of drainage assets; Engineer to be notified where discrepancies arise and locations to be adjusted where required to avoid clash with services.
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3. Where existing gullies are to be removed, gully leads upstream of new Y connections are to be capped/backfilled
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4. This drawing should be read in conjunction with and as part of the stage 5 drawing package for Section 5 of 1000009040 Longbridge Road Bus Priority Scheme.

LEGEND

- Install yellow/white road marking
  Thermoplastic screed with applied glass beads
- Install upstand kerb (80mm to 125mm upstand)
  Precast Concrete, silver grey
- Install upstand kerb by bus stops (125mm upstand)
  Precast Concrete, silver grey
- Install cycle demarcation kerb (200mm x 200mm x 60mm)
  Precast Concrete, white (Marshalls)
  To be constructed allowing 200mm gaps every 2000mm
- Install dropped kerb (6mm upstand)
  Precast Concrete, silver grey
- Install dropper/transition Kerb
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- Install edging kerb (50mm x 150mm)
- Change of level
- Direction of surface water flow
- Install new posts
  Galvanised steel, straight sign posts
- Install new signs
- Install illuminated bollard on traffic islands
- Install wooden bollard
- Install new/relocated lamp column
- Existing post to be removed
- Existing sign to be removed
- Install traffic signal with with pedestrian push button
- Install red/buff tactile paving
  400x400x65mm.
- Install new gully
- Existing gully to be removed
- Existing gully to be retained
- New gully lead
- Assumed existing gully lead direction
- Existing footway to be excavated and replaced by new asphalt construction:
  Surface course: 20mm AC6 Dense 100/150
  Binder course: 80mm thick AC20 dense bin 40/60
  Base: 150mm Recycled Thick Type 1
- Install asphalt (black top) new/existing traffic island:
  Surface course: 35mm AC6 Dense 100/150
  Binder course: 100mm C6/8 (ST1) Concrete
  Base: 100mm Recycled Thick Type 1
- Install cycle track on footway:
  Surface course: 6mm AC6 Dense 100/150
  Binder course: 80mm thick AC20 dense bin 40/60
  Base: 150mm Recycled Thick Type 1
  Colour: Deep Chrome Green
- Install asphalt (black top) on existing carriageway:
  40mm TSCS 10 65psv
- Existing buildout/footway to be removed
- Existing paving to be removed
- Install low level planting, 150mm thick topsoil
- Install FloxiPave around tree surrounds
- Existing ironworks to be adjusted
- Bench Install bench
- CS Install cycle stand
- Install cycle lane defender with 'City Post' (TMP Solutions)
  2000mm x 235mm
- Existing tree to be pruned
- Existing tree not affected
- Setting out
- X.XX Setting out dimensions

Rev	Date	Description	Drn	Chk	App
3	24/01/2024	TRAFFIC LANE AND BUS LANE WIDTHS ADJUSTED TO 3.25M	TA	DM	MA
2	18/01/2024	MINOR AMENDMENTS FOLLOWING CLIENTS COMMENTS	TA	DM	MA
1	16/01/2024	AMENDMENTS FOLLOWING CLIENTS COMMENTS	TA	DM	MA
0	20/11/2023	ORIGINAL ISSUE	TA	DM	MA

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Client
Working in partnership
BeFirst Barking & Dagenham

Project
LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title
GENERAL ARRANGEMENT
SECTION 5
SHEET 03 OF 06

Drawing Status
FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	NOV 2023	1:200	A1

Drawing No. 1000009040-5-S5-0100-03
Rev 3

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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⚠ CONSTRUCTION
C01 Medium pressure gas main - proceed with caution.

⚠ DEMOLITION
---- No significant hazards

⚠ MAINTENANCE & OPERATION
---- No significant hazards

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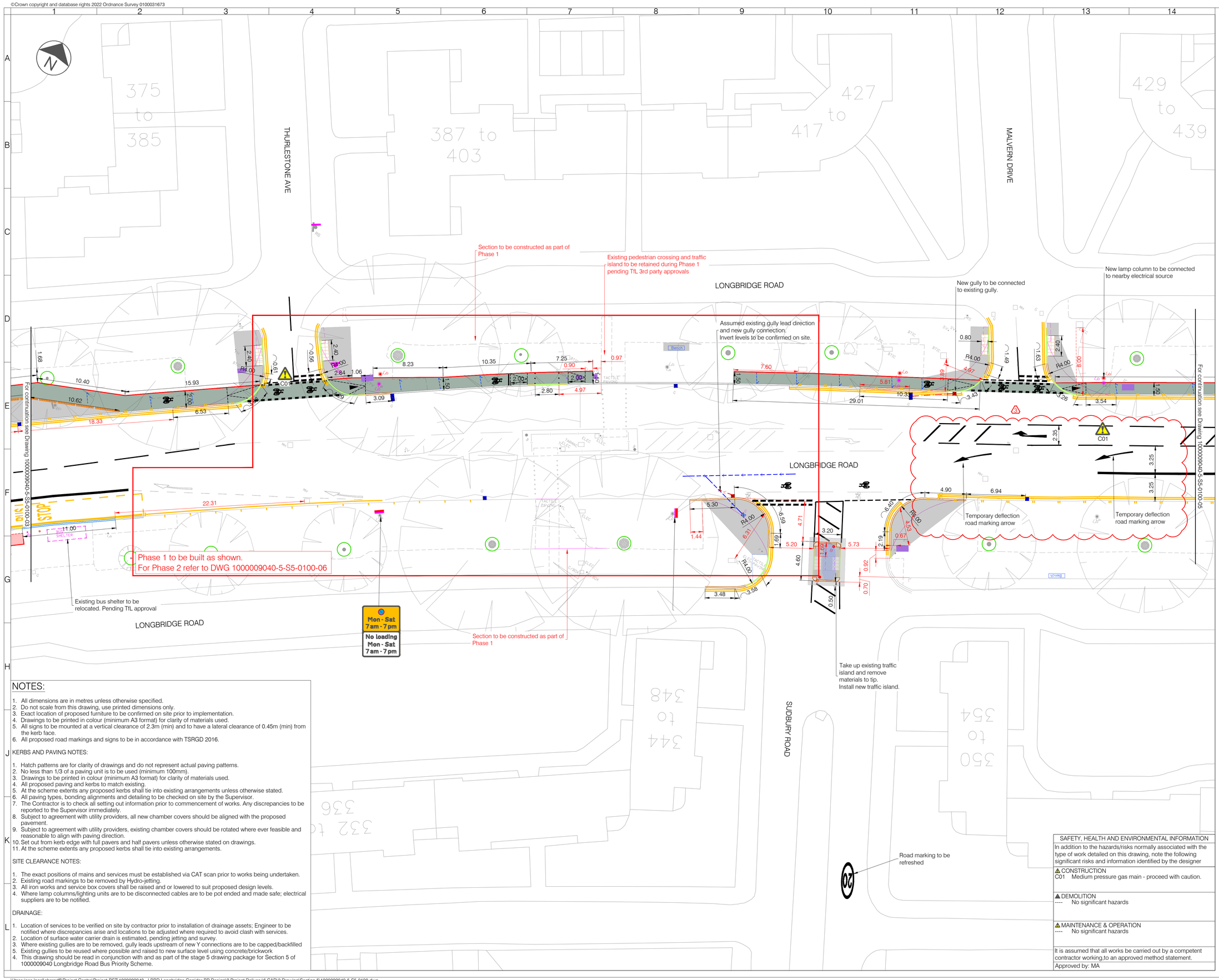
Approved by: MA



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Rev	Date	Description	Drn	Chk	App
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0	20/11/2023	ORIGINAL ISSUE	TA	DM	MA

PROJECT CENTRE
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Client
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BeFirst Barking & Dagenham

Project
LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title
GENERAL ARRANGEMENT
SECTION 5
SHEET 04 OF 06

Drawing Status
FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	NOV 2023	1:200	A1

Drawing No. 1000009040-5-S5-0100-04 Rev 3

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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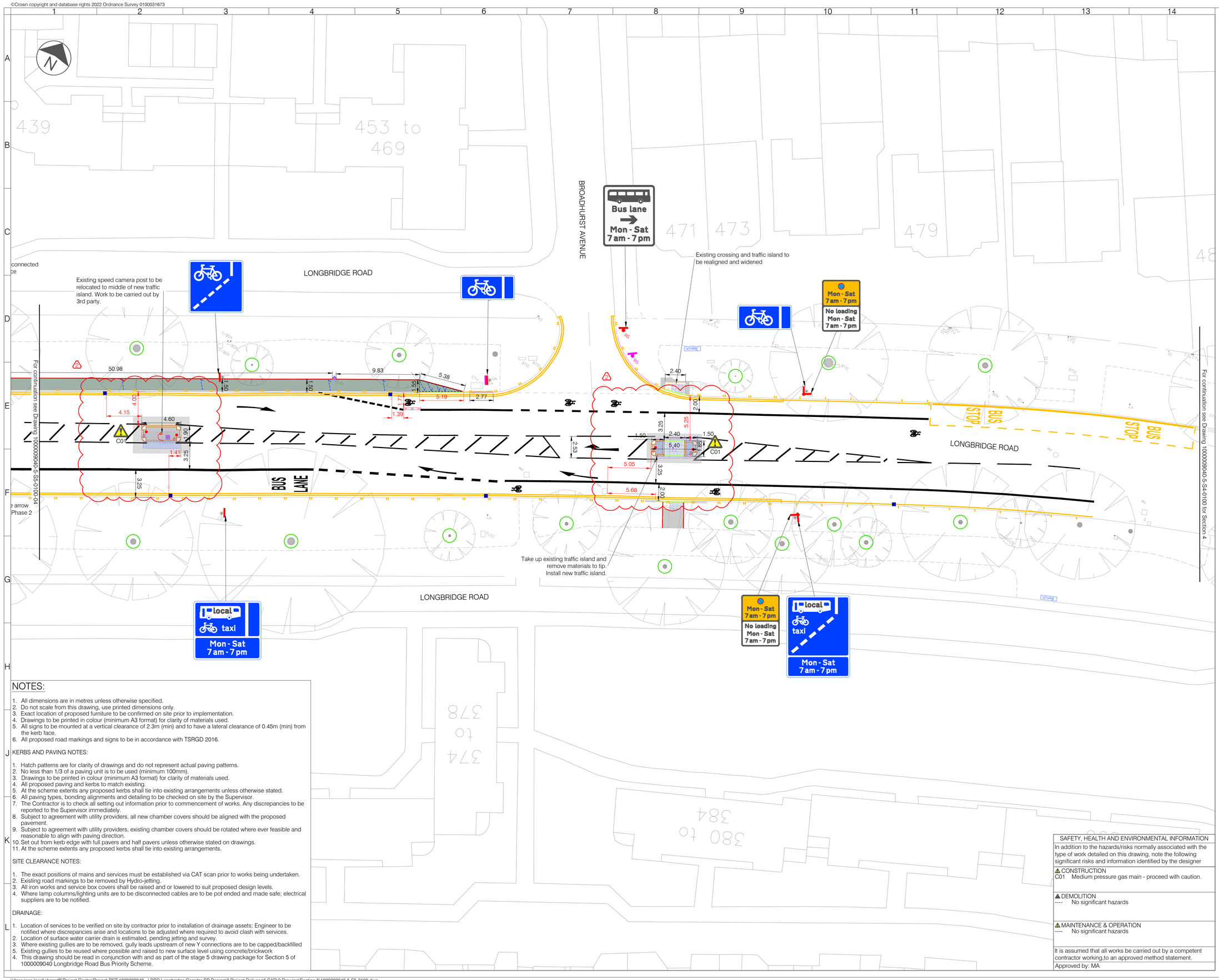
⚠ CONSTRUCTION
C01 Medium pressure gas main - proceed with caution.

▲ DEMOLITION
---- No significant hazards

⚠ MAINTENANCE & OPERATION
---- No significant hazards

It is assumed that all works be carried out by a competent contractor working,to an approved method statement.

Approved by: MA



NOTES:

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2. Do not scale from this drawing, use printed dimensions only.
3. Exact location of proposed furniture to be confirmed on site prior to implementation.
4. Drawings to be printed in colour (minimum A3 format) for clarity of materials used.
5. All signs to be mounted at a vertical clearance of 2.3m (min) and to have a lateral clearance of 0.45m (min) from the kerb face.
6. All proposed road markings and signs to be in accordance with TSRGD 2016.

KERBS AND PAVING NOTES:

1. Hatch patterns are for clarity of drawings and do not represent actual paving patterns.
2. No less than 1/3 of a paving unit is to be used (minimum 100mm).
3. Drawings to be printed in colour (minimum A3 format) for clarity of materials used.
4. All proposed paving and kerbs to match existing.
5. At the scheme extents any proposed kerbs shall tie into existing arrangements unless otherwise stated.
6. All paving types, bonding alignments and detailing to be checked on site by the Supervisor.
7. The Contractor is to check all setting out information prior to commencement of works. Any discrepancies to be reported to the Supervisor immediately.
8. Subject to agreement with utility providers, all new chamber covers should be aligned with the proposed pavement.
9. Subject to agreement with utility providers, existing chamber covers should be rotated where ever feasible and reasonable to align with paving direction.
10. Set out from kerb edge with full pavers and half pavers unless otherwise stated on drawings.
11. At the scheme extents any proposed kerbs shall tie into existing arrangements.

SITE CLEARANCE NOTES:

1. The exact positions of mains and services must be established via CAT scan prior to works being undertaken.
2. Existing road markings to be removed by Hydro-jetting.
3. All iron works and service box covers shall be raised and or lowered to suit proposed design levels.
4. Where lamp columns/lighting units are to be disconnected cables are to be pot ended and made safe; electrical suppliers are to be notified.

DRAINAGE:

1. Location of services to be verified on site by contractor prior to installation of drainage assets; Engineer to be notified where discrepancies arise and locations to be adjusted where required to avoid clash with services.
2. Location of surface water carrier drain is estimated, pending jetting and survey.
3. Where existing gullies are to be removed, gully leads upstream of new Y connections are to be capped/backfilled
5. Existing gullies to be reused where possible and raised to new surface level using concrete/brickwork
4. This drawing should be read in conjunction with and as part of the stage 5 drawing package for Section 5 of 1000009040 Longbridge Road Bus Priority Scheme.

LEGEND

- Install yellow/white road marking
  Thermoplastic screed with applied glass beads
- Install upstand kerb (80mm to 125mm upstand)
  Precast Concrete, silver grey
- Install upstand kerb by bus stops (125mm upstand)
  Precast Concrete, silver grey
- Install cycle demarcation kerb (200mm x 200mm x 60mm)
  Precast Concrete, white (Marshalls)
  To be constructed allowing 200mm gaps every 2000mm
- Install dropped kerb (6mm upstand)
  Precast Concrete, silver grey
- Install dropper/transition Kerb
  Precast Concrete, silver grey
- Install edging kerb (50mm x 150mm)
- Change of level
- Direction of surface water flow
- Install new posts
  Galvanised steel, straight sign posts
- Install new signs
- Install illuminated bollard on traffic islands
- Install wooden bollard
- Install new/relocated lamp column
- Existing post to be removed
- Existing sign to be removed
- Install traffic signal with with pedestrian push button
- Install red/buff tactile paving
  400x400x65mm.
- Install new gully
- Existing gully to be removed
- Existing gully to be retained
- New gully lead
- Assumed existing gully lead direction
- Existing footway to be excavated and replaced by new asphalt construction:
  Surface course: 20mm AC6 Dense 100/150
  Binder course: 80mm thick AC20 dense bin 40/60
  Base: 150mm Recycled Thick Type 1
- Install asphalt (black top) new/existing traffic island:
  Surface course: 35mm AC6 Dense 100/150
  Binder course: 100mm C6/8 (ST1) Concrete
  Base: 100mm Recycled Thick Type 1
- Install cycle track on footway:
  Surface course: 6mm AC6 Dense 100/150
  Binder course: 80mm thick AC20 dense bin 40/60
  Base: 150mm Recycled Thick Type 1
  Colour: Deep Chrome Green
- Install asphalt (black top) on existing carriageway:
  40mm TSCS 10 65psv
- Existing buildout/footway to be removed
- Existing paving to be removed
- Install low level planting, 150mm thick topsoil
- Install FloxiPave around tree surrounds
- Existing ironworks to be adjusted
- Bench — Install bench
- Install cycle stand
- Install cycle lane defender with 'City Post' (TMP Solutions)
  2000mm x 235mm
- Existing tree to be pruned
- Existing tree not affected
- Setting out
- X.XX — Setting out dimensions

Rev	Date	Description	Drn	Chk	App
2	24/01/2024	TRAFFIC LANE AND BUS LANE WIDTHS ADJUSTED TO 3.25M	TA	DM	MA
1	16/01/2024	AMENDMENTS FOLLOWING CLIENTS COMMENTS	TA	DM	MA
0	20/11/2023	ORIGINAL ISSUE	TA	DM	MA

This drawing has been specifically prepared to meet the requirements of the named client and may contain design and innovative features which differ from conventional design standards.

PROJECT CENTRE
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Client
Working in partnership
BeFirst Barking & Dagenham

Project
LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title
GENERAL ARRANGEMENT
SECTION 5
SHEET 05 OF 06

Drawing Status
FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	NOV 2023	1:200	A1

Drawing No. 1000009040-5-S5-0100-05
Rev 2

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer

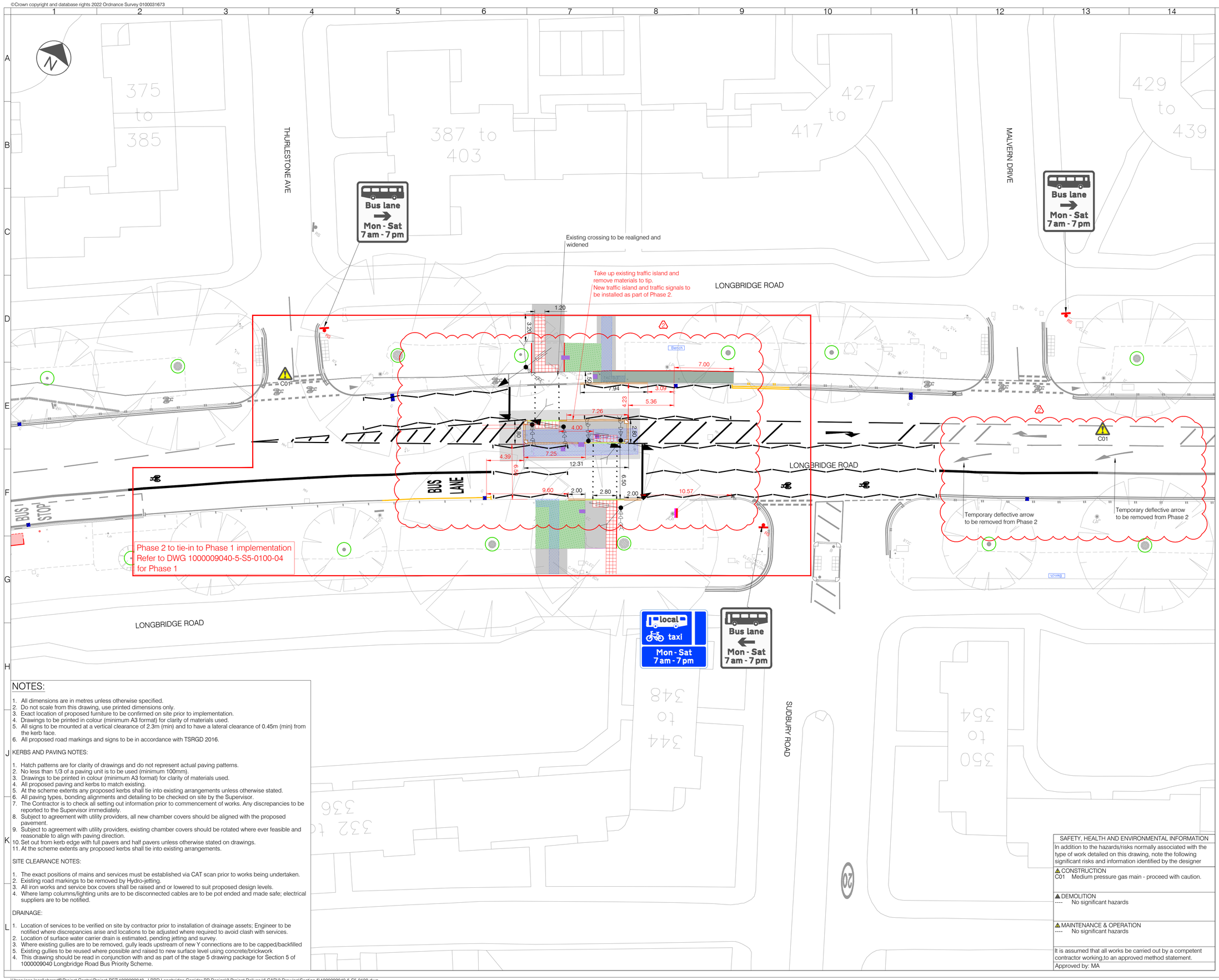
⚠ CONSTRUCTION
C01 Medium pressure gas main - proceed with caution.

▲ DEMOLITION
---- No significant hazards

⚠ MAINTENANCE & OPERATION
---- No significant hazards

It is assumed that all works be carried out by a competent contractor working,to an approved method statement.

Approved by: MA



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SITE CLEARANCE NOTES:

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DRAINAGE:

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LEGEND

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  Thermoplastic screed with applied glass beads
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  Precast Concrete, silver grey
- Install upstand kerb by bus stops (125mm upstand)
  Precast Concrete, silver grey
- Install cycle demarcation kerb (200mm x 200mm x 60mm)
  Precast Concrete, white (Marshalls)
  To be constructed allowing 200mm gaps every 2000mm
- Install dropped kerb (6mm upstand)
  Precast Concrete, silver grey
- Install dropper/transition Kerb
  Precast Concrete, silver grey
- Install edging kerb (50mm x 150mm)
- Change of level
- Direction of surface water flow
- Install new posts
  Galvanised steel, straight sign posts
- Install new signs
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- Install wooden bollard
- Install new/relocated lamp column
- Existing post to be removed
- Existing sign to be removed
- Install traffic signal with with pedestrian push button
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- Existing gully to be removed
- Existing gully to be retained
- New gully lead
- Assumed existing gully lead direction
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  Surface course: 20mm AC6 Dense 100/150
  Binder course: 80mm thick AC20 dense bin 40/60
  Base: 150mm Recycled Thick Type 1
- Install asphalt (black top) new/existing traffic island:
  Surface course: 35mm AC6 Dense 100/150
  Binder course: 100mm C6/8 (ST1) Concrete
  Base: 100mm Recycled Thick Type 1
- Install cycle track on footway:
  Surface course: 6mm AC6 Dense 100/150
  Binder course: 80mm thick AC20 dense bin 40/60
  Base: 150mm Recycled Thick Type 1
  Colour: Deep Chrome Green
- Install asphalt (black top) on existing carriageway:
  40mm TSCS 10 65psv
- Existing buildout/footway to be removed
- Existing paving to be removed
- Install low level planting, 150mm thick topsoil
- Install FlexiPave around tree surrounds
- Existing ironworks to be adjusted
- Bench — Install bench
- CS — Install cycle stand
- Install cycle lane defender with 'City Post' (TMP Solutions)
  2000mm x 235mm
- Existing tree to be pruned
- Existing tree not affected
- Setting out
- X.XX — Setting out dimensions

Rev	Date	Description	Drn	Chk	App
2	24/01/2024	TRAFFIC LANE AND BUS LANE WIDTHS ADJUSTED TO 3.25M	TA	DM	MA
1	18/01/2024	MINOR AMENDMENTS FOLLOWING CLIENT'S COMMENTS	TA	DM	MA
0	16/01/2024	ORIGINAL ISSUE	TA	DM	MA

PROJECT CENTRE
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Client
Working in partnership
BeFirst Barking & Dagenham

Project
LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title
GENERAL ARRANGEMENT
SECTION 5 - PHASE 2
SHEET 06 OF 06

Drawing Status
FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
TA	DM	JAN 2024	1:200	A1

Drawing No.: 1000009040-5-S5-0100-06
Rev: 2

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer

⚠ CONSTRUCTION
C01 Medium pressure gas main - proceed with caution.

▲ DEMOLITION
---- No significant hazards

⚠ MAINTENANCE & OPERATION
---- No significant hazards

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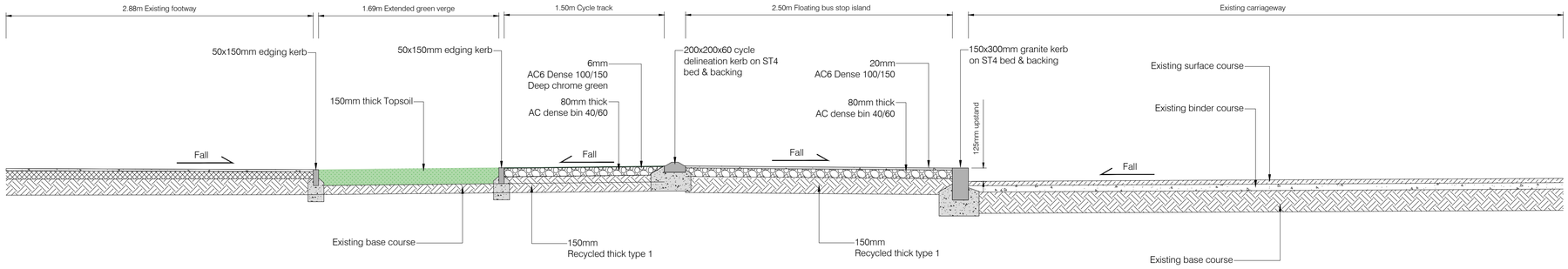
Approved by: MA



Section A-A - Typical cross section
Floating bus stop arrangement

NOTES

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Rev	Date	Description	Drn	Chk	App
1	18/01/2024	MINOR AMENDMENTS FOLLOWING CLIENT'S COMMENTS	TA	DM	MA
0	16/01/2024	ORIGINAL ISSUE	TA	DM	MA

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Client
Working in partnership
BeFirst Barking & Dagenham

Project
LONGBRIDGE ROAD
BUS PRIORITY
DETAILED DESIGN

Drawing Title
GENERAL ARRANGEMENT
SECTION 5
CROSS SECTION DETAILS

Drawing Status
FOR CONSTRUCTION

Drawn	Designed	Date	Scale	Size
DM	DM	JAN 2024	1:25	A1

Drawing No. 1000009040-5-S5-0100-07
Rev 1

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer
⚠ CONSTRUCTION C01 Medium pressure gas main - proceed with caution.
▲ DEMOLITION ---- No significant hazards
⚠ MAINTENANCE & OPERATION ---- No significant hazards
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Approved by: MA