

Notes

1. Do not scale from this drawing.

Key

- █ Proposed length of 40mph (Approx. length north of the existing terminal signs is 560.30m)
- █ Existing national speed limit
- █ Existing 30mph
- Existing terminal signs

Rev.	Date	Description of revision	Drawn	Checked	Reviewed	Approved

DRAWING STATUS

FOR CONSULTATION



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SCHEME TITLE

**LHP CHELMSFORD
B1008 NORTHERN APPROACH TO
FORD END
LCHE182051**

DRAWING TITLE

**SPEED LIMIT ORDER (SLO)
B1008 SANDON HILL**

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
CR	CR			

DATE	DATE	DATE	DATE	DATE
MAY 22	MAY 22			

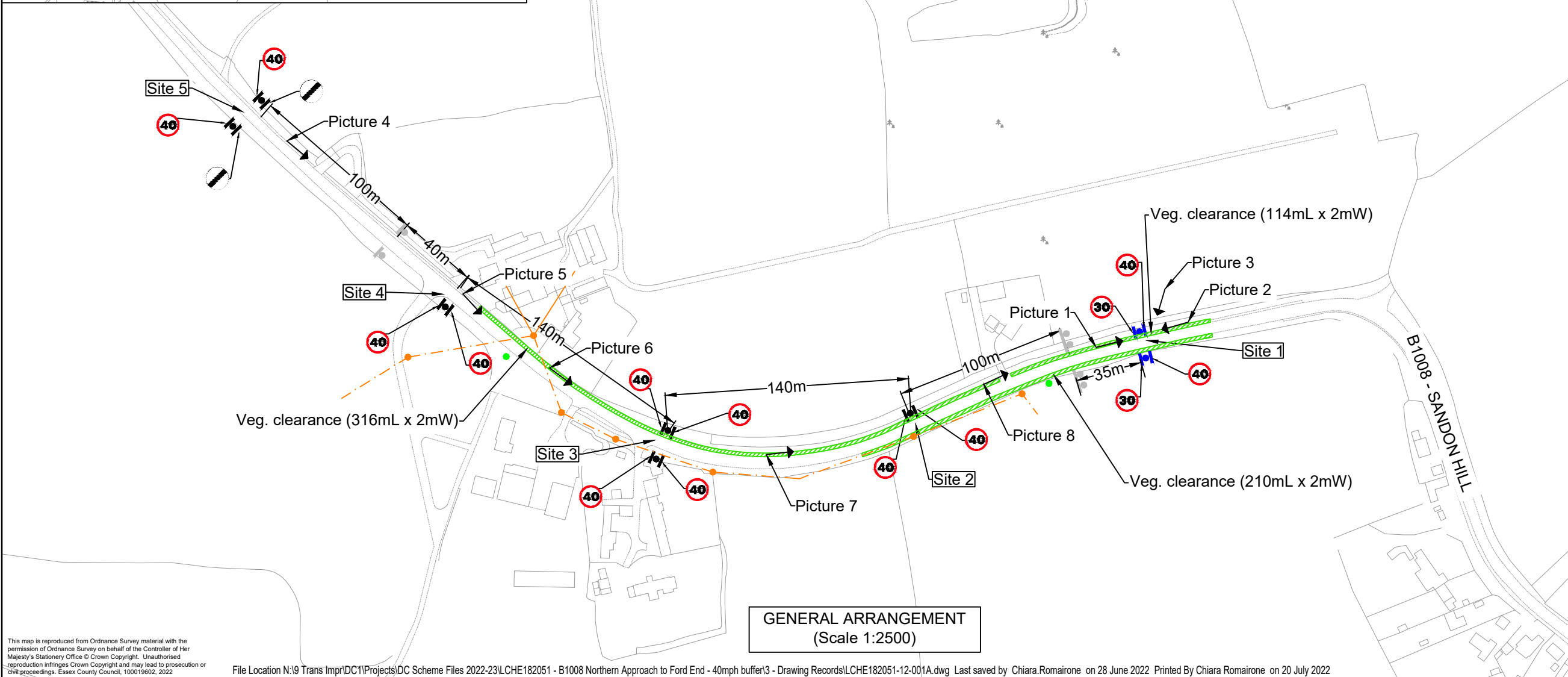
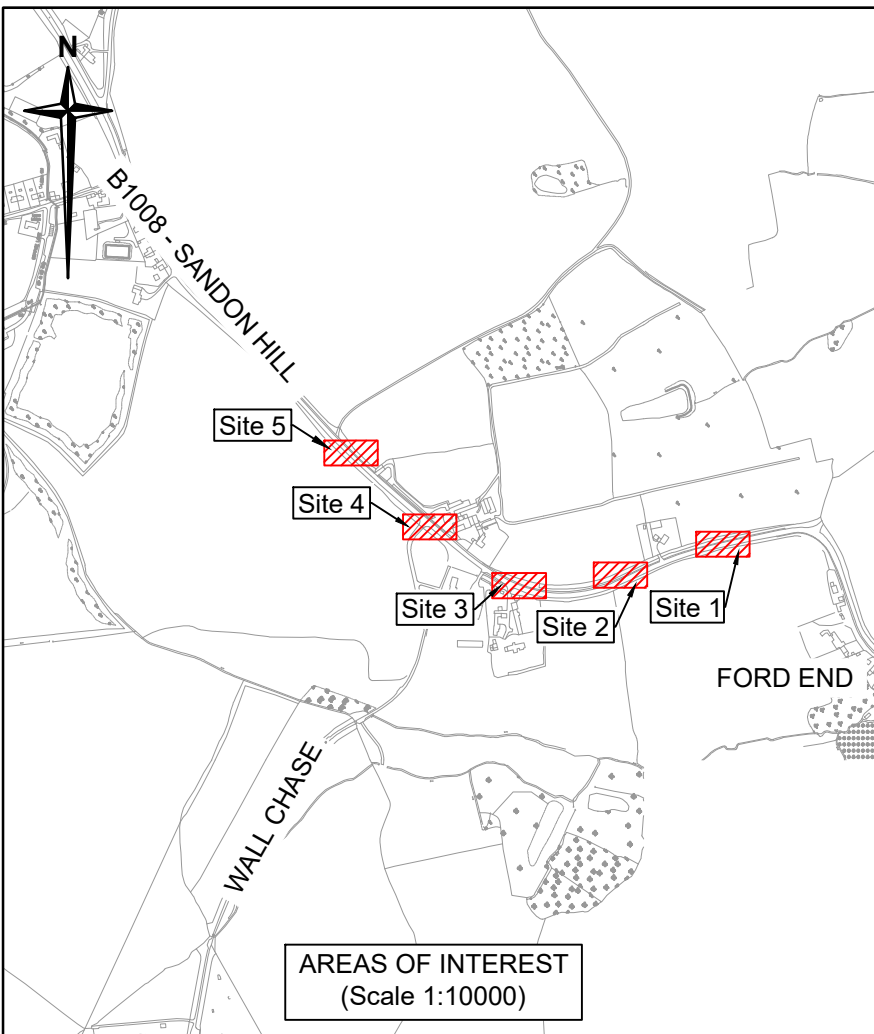
DRAWING UNITS U.N.O. SCALE AT A3 (420x297mm)
DIMENSIONS IN MILLIMETRES LEVELS IN METRES

1:2500

DRAWING No. **LCHE182051 - 00 - 001** REV. **-**



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- Notes**
- Do not scale from this drawing.
 - Location of signs to be set out by engineer prior to works commencing.
 - Drawing to be read in conjunction with .dwg: LCHE182051-12-002, LCHE182051-12-003 and all other contact documents.
 - This drawing should be printed in colour.
 - Drawings of existing statutory undertakers' plant have been obtained and are included in the Job Pack provided to the contractor.
 - The contractor shall be responsible for ensuring that all statutory undertakers' plant is located prior to commencing works and the protection of such plant is required.

- Key**
- Areas of interest
 - Existing gateway sign to remain unaffected
 - New sign to be installed (See details on LCHE182051-12-002 drawing)
 - Existing speed limit terminal sign to be amended (See details on LCHE182051-12-002 drawing)
 - Existing sign to TSRGD Diag. 512 to remain unaffected
 - Vegetation and shrubbery clearance a minimum of 120m in front of each sign. Cut back to increase forward visibility (2m) using tractor and flail mower. Clearance should be done to a height of 3m, consider the overhead cables. Total length 640m. All distance shown are approximate.
 - Approximate line of O/H Cables
 - Direction and number of photograph
 - BT Pole

Rev.	Date	Description of revision	Drawn	Checked	Reviewed/Approved

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SCHEME TITLE

**LHP CHELMSFORD
B1008 NORTHERN APPROACH
TO FORD END
16223101190500007**

DRAWING TITLE

**40MPH BUFFER
GENERAL ARRANGEMENT**

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
CR	CR	LCN	CR	
DATE MAY 22	DATE MAY 22	DATE JUNE 22	DATE JUNE 22	DATE

DRAWING UNITS U.N.O. DIMENSIONS IN MILLIMETRES LEVELS IN METRES

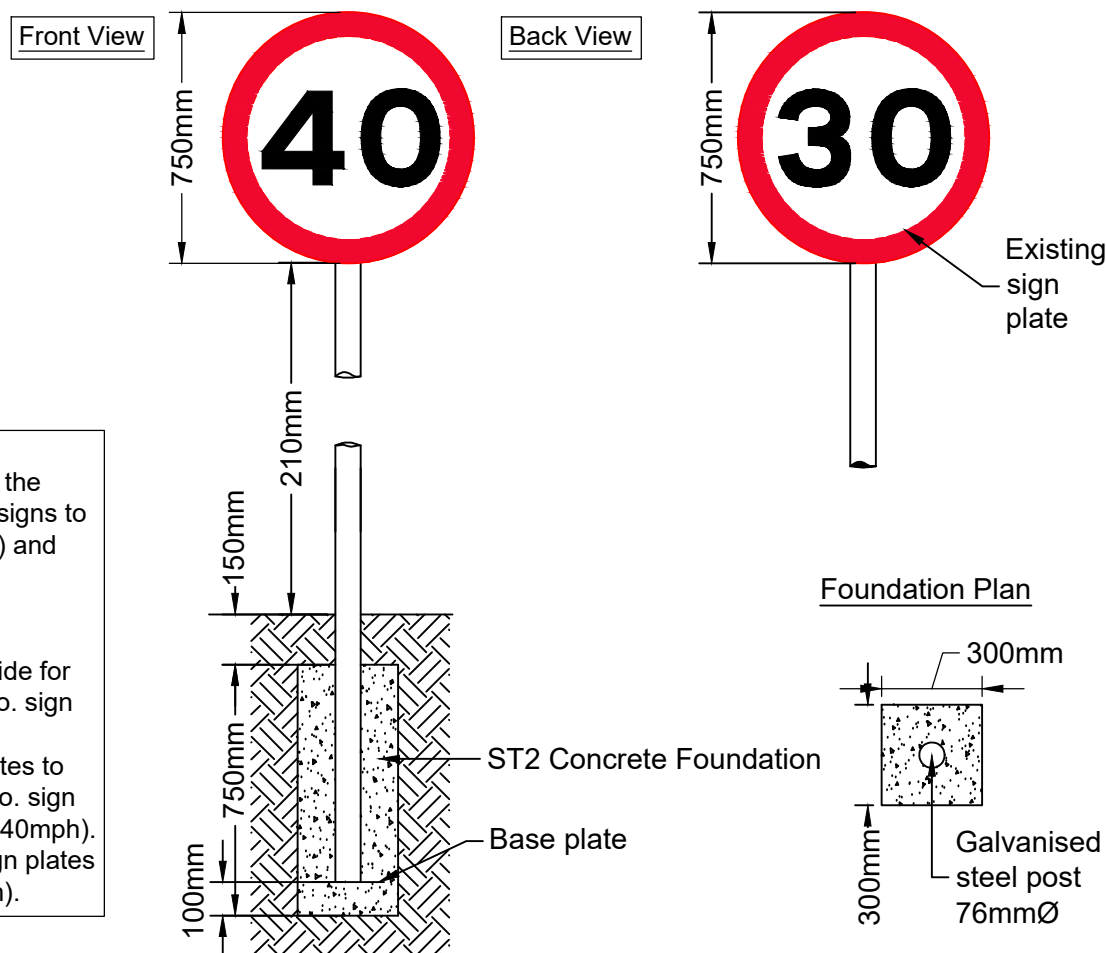
SCALE AT A3 (420x297mm) AS SHOWN

DRAWING No. **LCHE182051 - 12 - 001** REV. -



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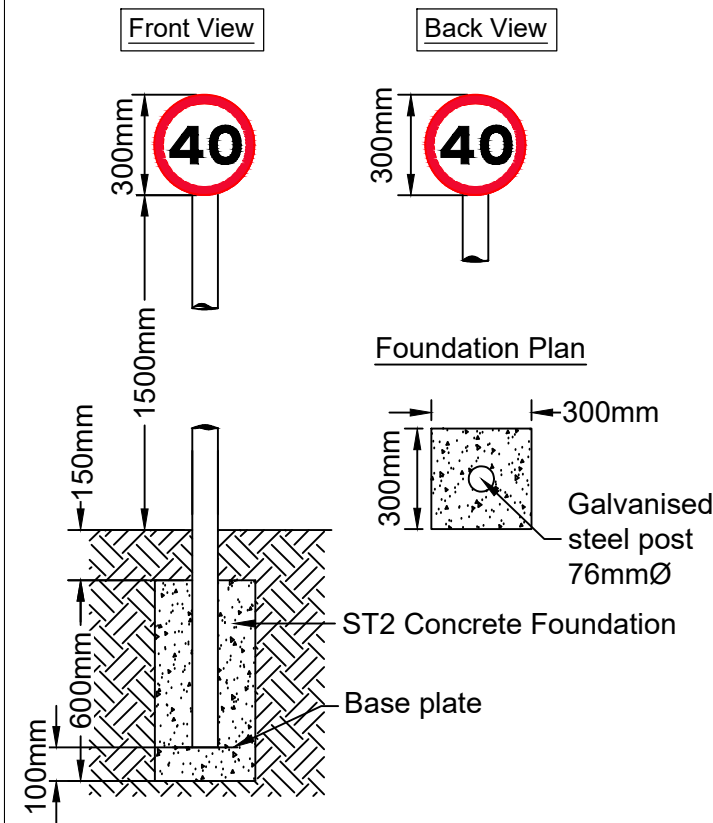
SITE 1 SIGN DETAILS



SIGN NOTES:
Amendments to be made on the existing speed limit terminal signs to TSRGD to Diag.670 (30mph) and Diag.671.

Nearside and Offside:
Clean, take down and set aside for reuse in Site 5 existing X2 No. sign plates to TSRGD Diag.671. Replace the existing sign plates to TSRGD Diag. 671 with X2 No. sign plates to TSRGD Diag. 670 (40mph). Clean the existing X2 No. sign plates to TSRGD Diag. 670 (30mph).

SITE 2 - SITE 3 AND SITE 4 SIGN DETAILS



SIGN NOTES:

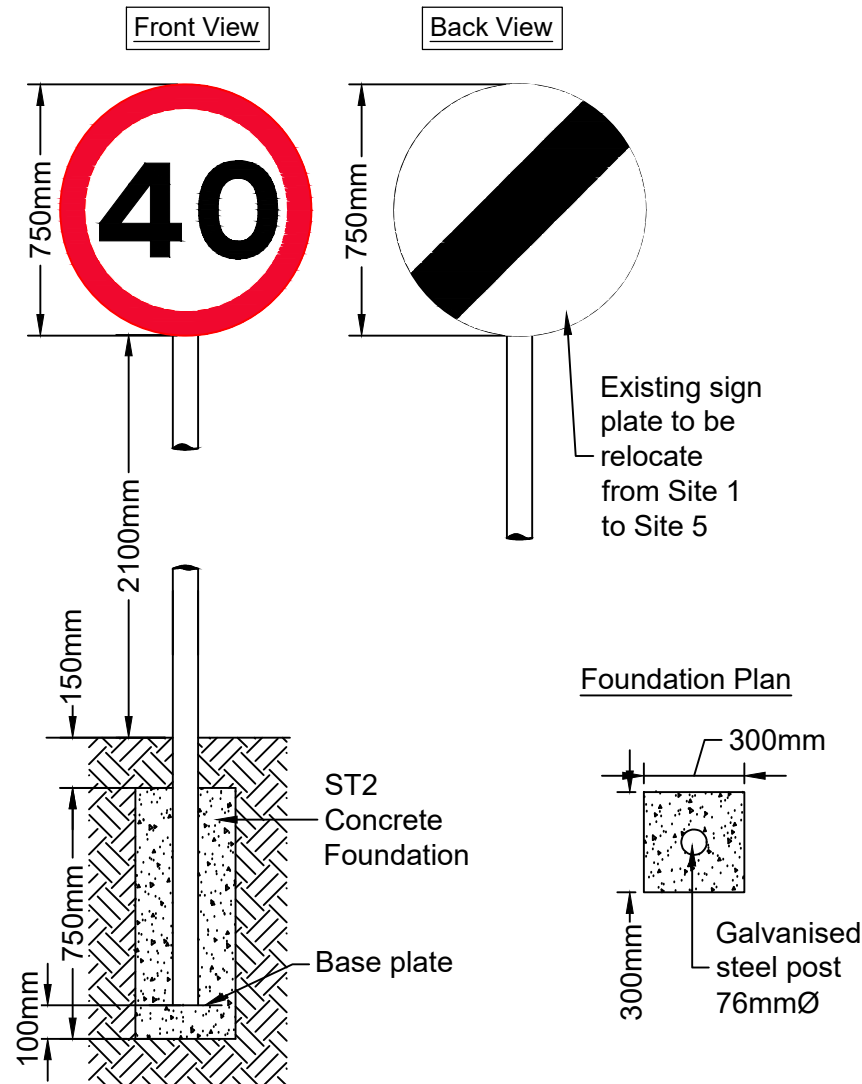
Site 2:
Nearside:
Provide and install X1 No. galvanised steel sign post (76mmØ dia) and attach X2 No. speed limit repeater signs to TSRGD Diag. 670 (40mph) back to back.

Site 3:
Nearside and Offside:
Provide and install X2 No. galvanised steel sign posts (76mmØ dia) and attach X4 No. speed limit repeater signs to TSRGD Diag. 670 (40mph) back to back.

Site 4:
Offside:
Provide and install X1 No. galvanised steel sign post (76mmØ dia) and attach X2 No. speed limit repeater signs to TSRGD Diag. 670 (40mph) back to back.

- Notes**
- Do not scale from this drawing.
 - Location of signs to be set out by engineer prior to works commencing.
 - Drawing to be read in conjunction with .dwg: LCHE182051-12-001 LCHE182051-12-003 and all other contract documents.
 - This drawing should be printed in colour.
 - All diagrams numbers in accordance with Traffic Signs Regulations and General Direction 2016.
 - Post not to extend above sign plate and cap to be provided on top of pole.
 - Lateral clearance of all sign faces and street furniture to be set back a minimum of 450mm from edge of carriageway, unless otherwise noted.
 - Drawings of existing statutory undertakers' plant have been obtained and are included in the Job Pack provided to the contractor.
 - The contractor shall be responsible for ensuring that all statutory undertakers' plant is located prior to commencing works and the protection of such plant is required.

SITE 5 SIGN DETAILS



SIGN NOTES:
New speed limit terminal signs to be erected 100m north of the existing warning signs to TSRGD Diag. 512.

Nearside and Offside:
Provide and install X2 No. galvanised steel sign posts (76mmØ dia). Attach existing signs from Site 1 TSRGD Diag.671 and new X2 No. sign plates to TSRGD Diag. 670 (40mph) back to back.



SIGN DETAILS	
Sign Reference	670.4
Height	300 mm
Width	300 mm
Area	0.07 m ²
Material	Class RA2 (12899-1:2007)
Mount Height	1500 mm

SIGN DETAILS	
Sign Reference	670.4
Height	750 mm
Width	750 mm
Area	0.44 m ²
Material	Class RA2 (12899-1:2007)
Mount Height	2100 mm

LOCATION OF THE SPEED LIMIT REPEATER SIGNS:

- SITE 2:** At 100m north of the existing gateway signs - Nearside only.
- SITE 3:** At 140m north of the speed limit repeater sign installed at site 2.- Nearside and Offside.
- SITE 4:** At 40m south from the existing warning sign to TSRGD Diag. 512.- Offside only.

- 1 - Sign plate to be installed on site 2, 3 and 4**
2 - Sign plate to be installed on site 1 and 5

Rev.	Date	Description of revision	Drawn	Checked	Reviewed/Approved

DRAWING STATUS: **FOR CONSTRUCTION**



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SCHEME TITLE: **LHP CHELMSFORD B1008 NORTHERN APPROACH TO FORD END 16223101190500007**

DRAWING TITLE: **40MPH BUFFER SIGNS DETAILS**

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
CR	CR	LCN	CR	
DATE	DATE	DATE	DATE	DATE
MAY 22	MAY 22	JUNE 22	JUNE 22	

DRAWING UNITS U.N.O. DIMENSIONS IN MILLIMETRES LEVELS IN METRES SCALE AT A3 (420x297mm) N.T.S.

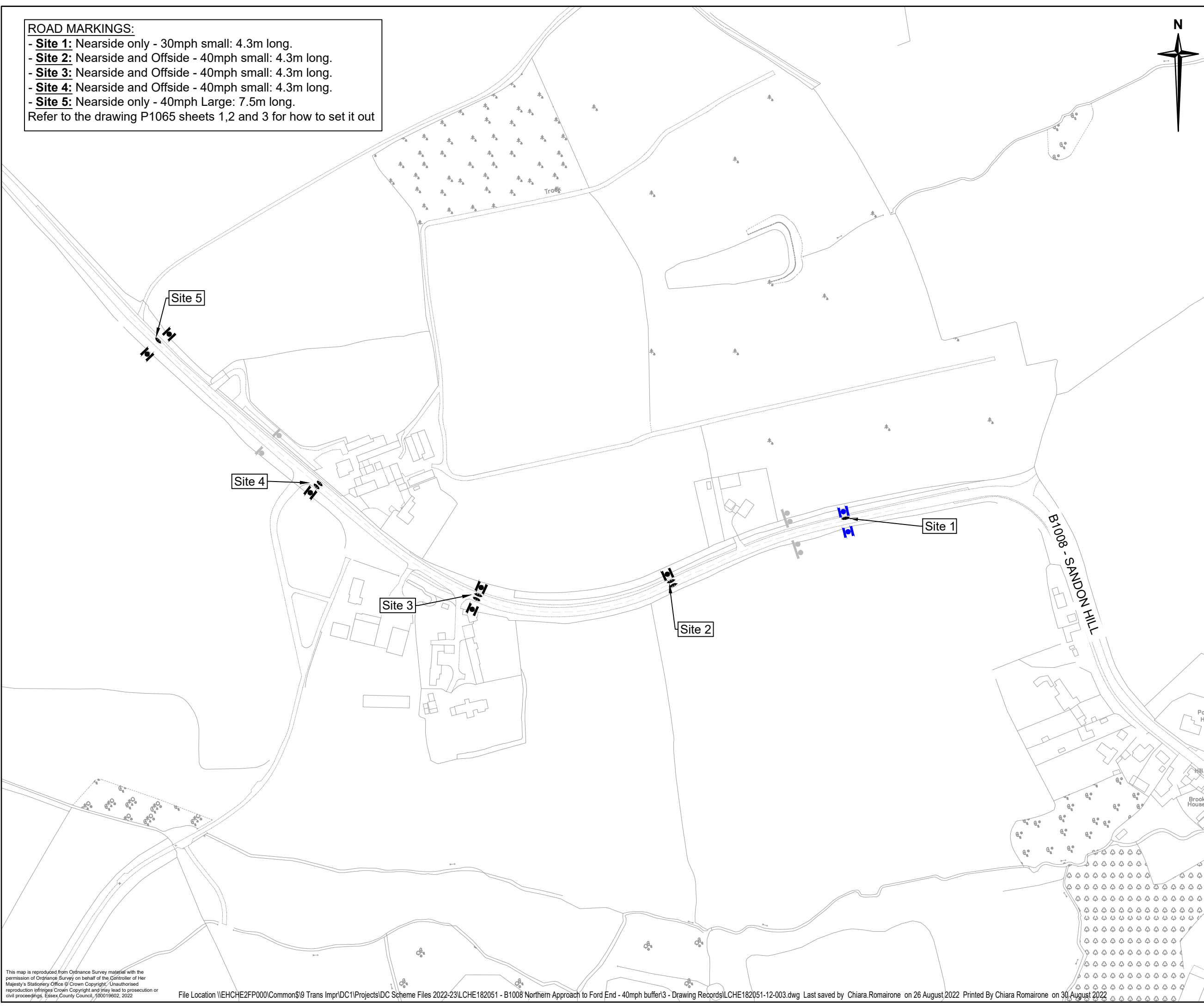
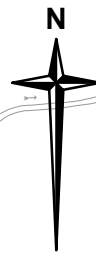
DRAWING No. **LCHE182051 - 12 - 002** REV. -



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ROAD MARKINGS:

- **Site 1:** Nearside only - 30mph small: 4.3m long.
 - **Site 2:** Nearside and Offside - 40mph small: 4.3m long.
 - **Site 3:** Nearside and Offside - 40mph small: 4.3m long.
 - **Site 4:** Nearside and Offside - 40mph small: 4.3m long.
 - **Site 5:** Nearside only - 40mph Large: 7.5m long.
- Refer to the drawing P1065 sheets 1,2 and 3 for how to set it out



Notes

1. Do not scale from this drawing.
2. Location of signs to be set out by engineer prior to works commencing.
3. Drawing to be read in conjunction with .dwg: LCHE182051-12-001 LCHE182051-12-002 and all other contact documents.
4. This drawing should be printed in colour.
5. All diagrams numbers in accordance with Traffic Signs Regulations and General Direction 2016.
6. All carriageway markings are to be applied using thermoplastic reflectorised material - Type A with solid glass beads applied to the surface in accordance with clause 6 of BS3262 : part 3.
7. All road markings to have a min. skid resistance value of 55.

Key

- Existing gateway sign
- New sign
- Existing speed limit terminal sign
- Existing sign

Rev.	Date	Description of revision	Drawn	Checked	Reviewed/Approved
A	22.7	After RSA comments	CR	LCN	CR

DRAWING STATUS: **FOR CONSTRUCTION**



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SCHEME TITLE: **LHP CHELMSFORD
B1008 NORTHERN APPROACH TO
FORD END
16223101190500007**

DRAWING TITLE: **40MPH BUFFER
ROAD MARKINGS**

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
CR	CR	LCN	LCN	
DATE MAY 22	DATE MAY 22	DATE JUNE 22	DATE JUNE 22	DATE

DRAWING UNITS U.N.O. DIMENSIONS IN MILLIMETRES LEVELS IN METRES SCALE AT A3 (420x297mm) **1:2500**

DRAWING No. **LCHE182051 - 12 - 003** REV. **A**



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