M5 Junction 10 Improvements Scheme

Engineering Drawings and Sections Part 3 of 3 TR010063 – APP 2.10

Regulation 5(2)(p) and 6(2)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Volume 2 December 2023



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Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

M5 Junction 10 Improvements Scheme

Development Consent Order 202[x]

2.10 Engineering Drawings and Sections Part 3 of 3

Regulation Number:	Regulation 5(2)(p) and 6(2)
Planning Inspectorate	TR010063
Scheme Reference	
Application Document Reference	TR010063 – APP 2.10
Author:	M5 Junction 10 Improvements Scheme Project Team

Version	Date	Status of Version
Rev 0	December 2023	DCO Application



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1.2.	List of drawings in Part 2	7
1.3.	List of drawings in Part 3	8



COUNTY COUNCIL

Schedule of Plans included in this 1. application document

List of drawings in Part 1 1.1.

Document title	Document number	Version
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Key Plan	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 01 of 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 02 of 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation (2)(o) and 6(2) Sheet 03 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 04 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 05 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 06 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 07 of 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Key Plan	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 01 of 08	TR010063 – APP 2.10	C01





Document title	Document number	Version
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 02 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 03 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 04 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 05 of 08	TR010063 – APP 2.10	C01
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Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 07 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 08 of 08	TR010063 – APP 2.10	C01





1.2. List of drawings in Part 2

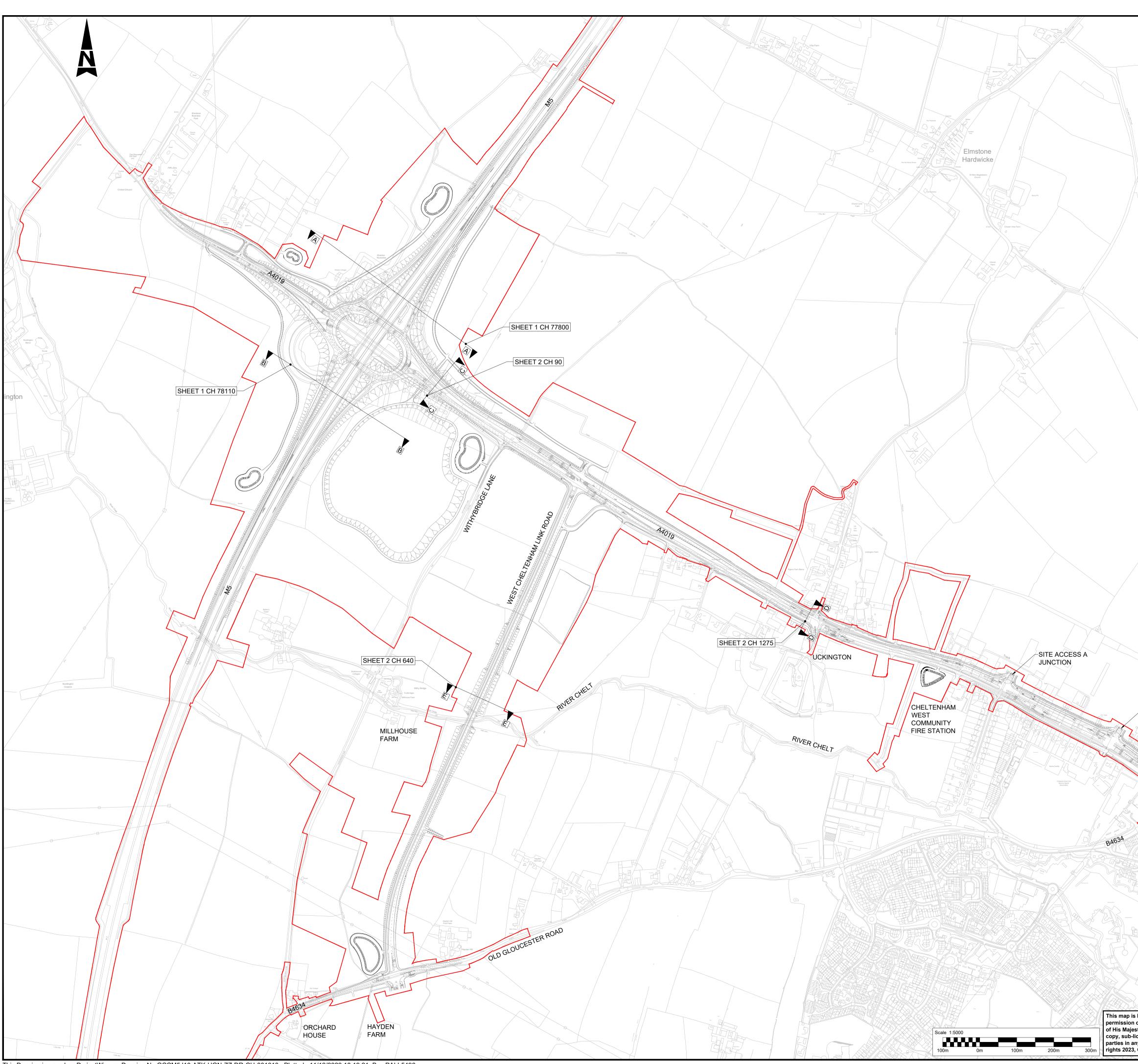
Document title	Document number	Version
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 1 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 2 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 3 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 4 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 5 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 6 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 7 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 8 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 9 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 10 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 11 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 12 of 12	TR010063 – APP 2.10	C01





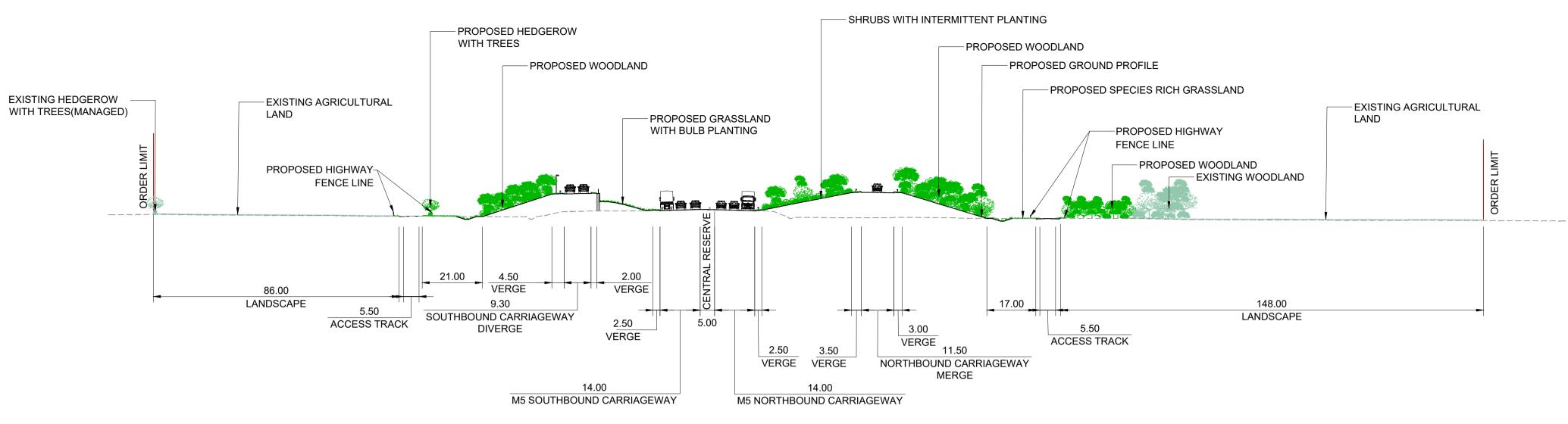
1.3. List of drawings in Part 3

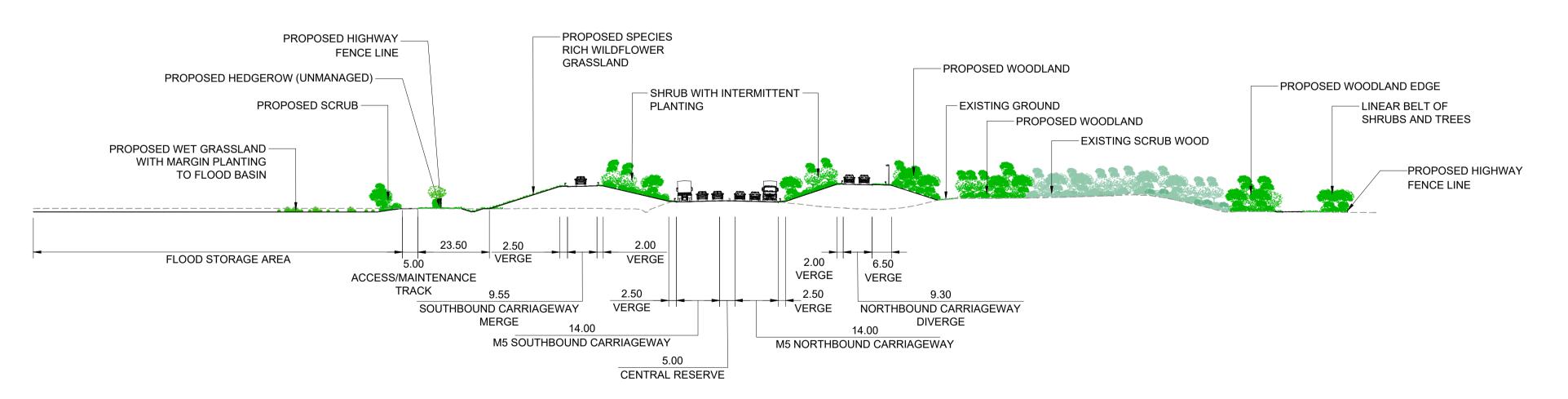
Document title	Document number	Version
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Landscape Section Drawings - Key Plan	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Landscape Section Drawings – Sheet 1 of 2	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Landscape Section Drawings – Sheet 2 of 2	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Typical Detail Environmental Barrier Sheet 1 of 1	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Typical Detail Road Restraint System Sheet 1 of 1	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Typical Detail Lighting Column and Foundation Sheet 1 of 1	TR010063 – APP 2.10	C01



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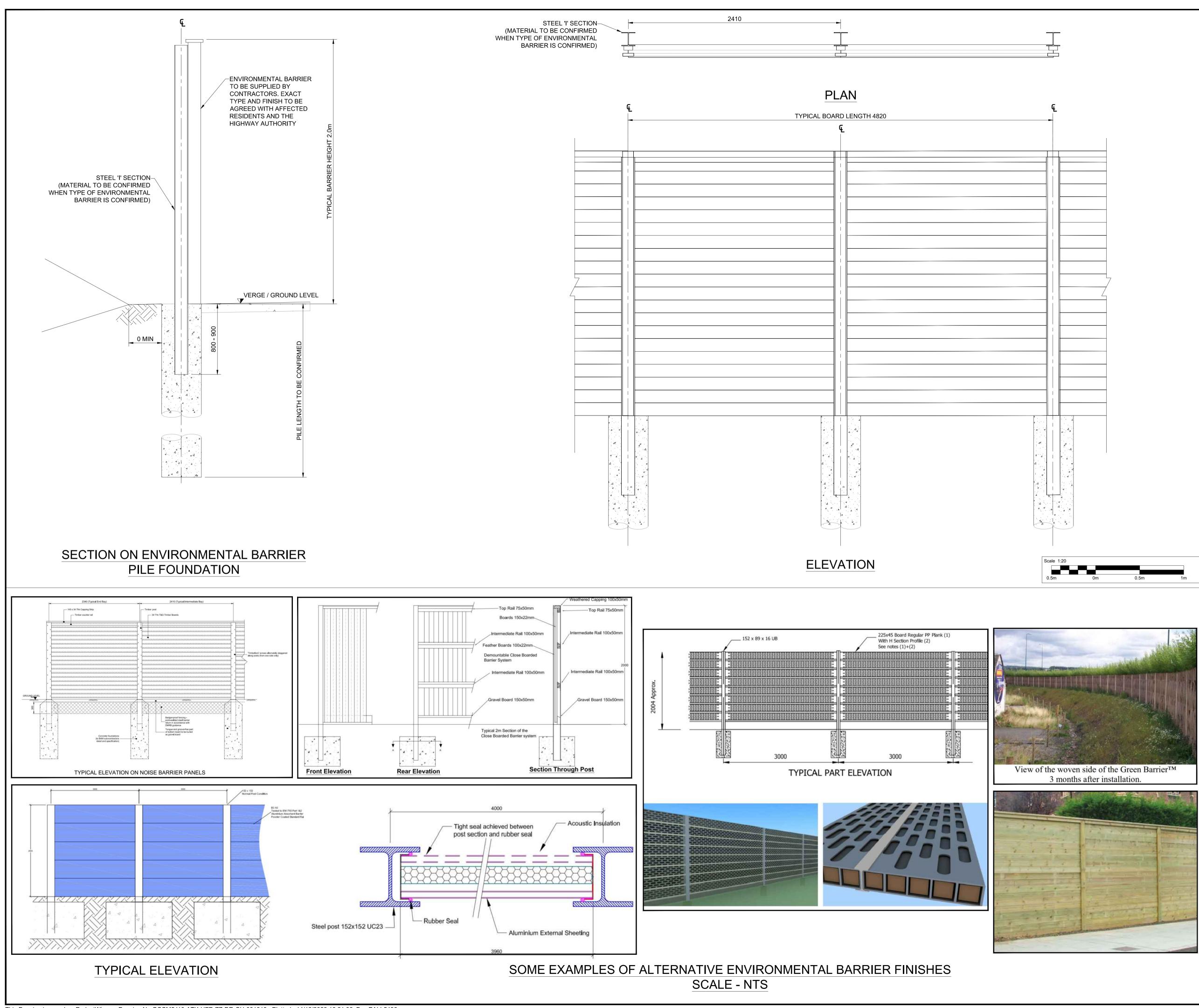
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TR010063/APP/2.10

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TYPICAL DETAIL
ENVIRONMENTAL BARRIEF
REGULATION 5(2)(0) & 6(2)
SHEET 01 OF 01

M5 Junction 10 Improvements Scheme

Decommissioning / Demolition									
NONE									
Description									
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Project Title									

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION detailed on this drawing, note the following significant residual risks

In addition to the hazards/risks normally associated with the types of work

(Reference shall also be made to the design hazard log).

Construction NONE

NONE

NONE

Drawing Title

laintenance / Cleanin

SPECIFICATION FOR HIGHWAY WORKS SERIES 2504. ALL BURIED SURFACES OF CONCRETE SHALL BE PAINTED WITH TWO COATS OF BITUMEN PAINT IN ACCORDANCE WITH CLAUSE 2004 OF THE SPECIFICATION FOR HIGHWAY WORKS, TO A LEVEL OF 150mm BELOW GROUND LEVEL.

ALL STEEL REINFORCEMENT WILL BE GRADE B500B OR B500C AND SHALL COMPLY WITH BS4449:2005. CONCRETE PILE TO BE STRENGTH C32/40. DESIGN OF ENVIRONMENTAL BARRIER SHALL COMPLY WITH

BLINDING AND MASS CONCRETE SHALL BE ST1.

CLASS OF CONCRETE FINISH: REFER TO APPENDIX 17/1 FOR FURTHER DETAILS.

TO BS1461:1999 EXPOSED UNFORMED SURFACES TO RECEIVE U3 FINISH

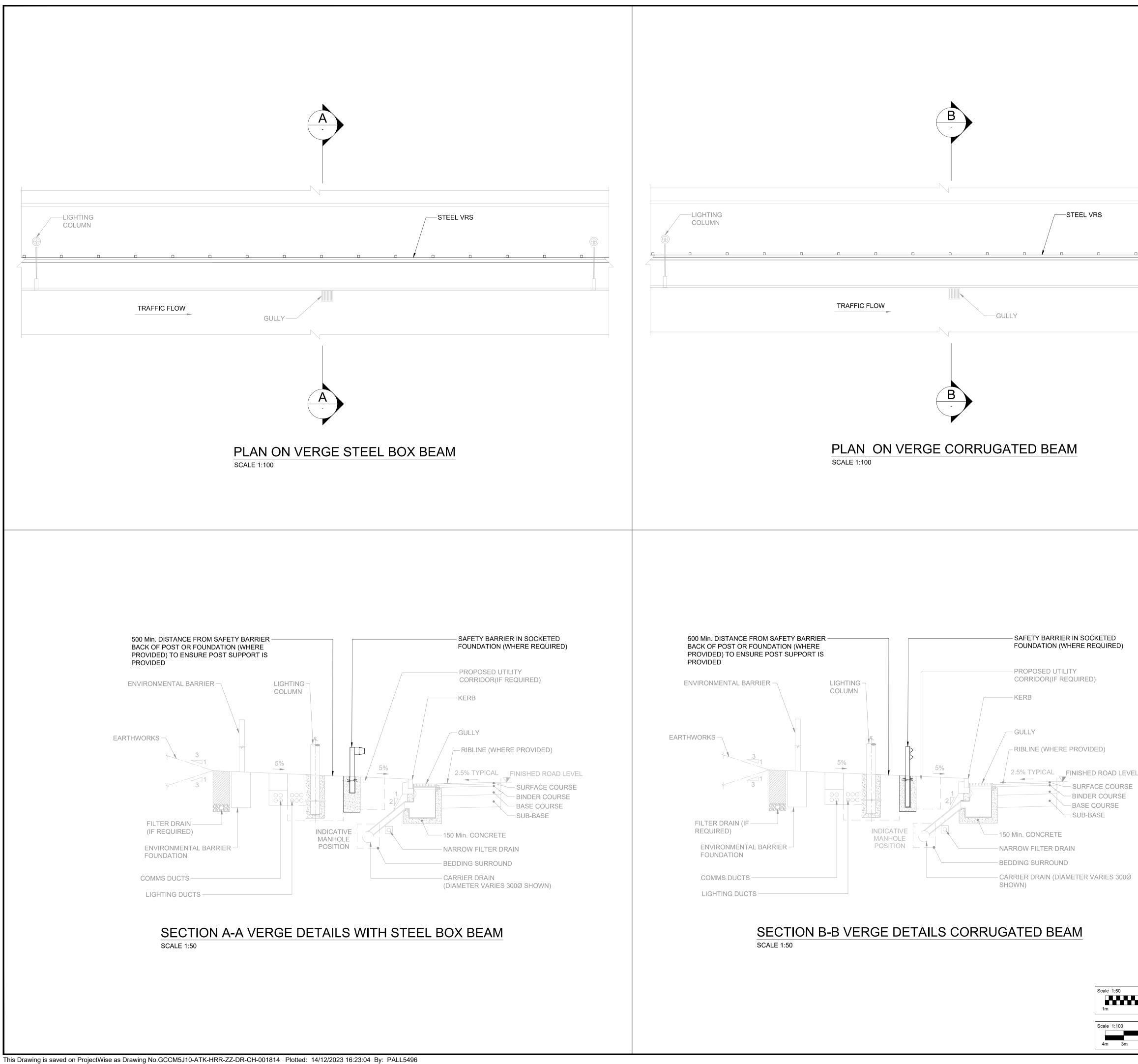
STEEL POSTS TO BE STEEL GRADE S355, HOT DIP GALVANISED

CONCRETE CLASSES SHALL COMPLY WITH BS 8500:2006, AND THE REQUIREMENTS OF MCHW, VOLUME 1 SPECIFICATION FOR

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

HIGHWAY WORKS - SERIES 1700.

NOTES:

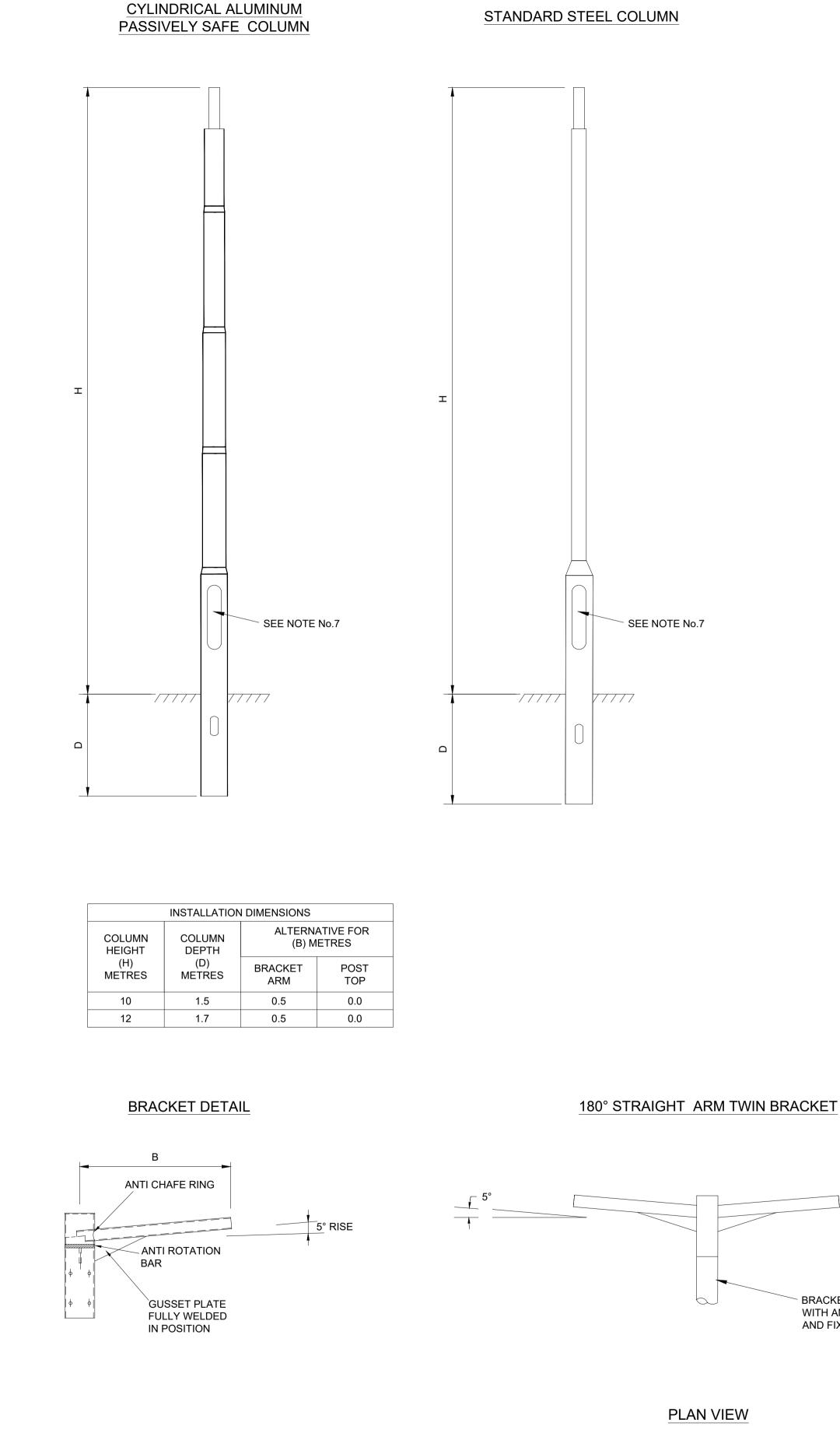


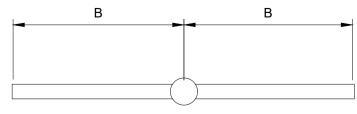
	 FOR SETBACK DETAILS AND WORKING WIDTH, REFER TO DMRB CD127 VOLUME 6, SECTION 1 PART 2 AND BS EN 1317-2:2010. 						
	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log). Construction						
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	^{Project Title} M5 Junction 10 Improvements Scheme						
	Drawing Title TYPICAL DETAIL ROAD RESTRAINT SYSTEM REGULATION 5(2)(0) & 6(2) SHEET 01 OF 01						
0m 1m 2m 3m	Drawing Number TR010063/APP/2.10						
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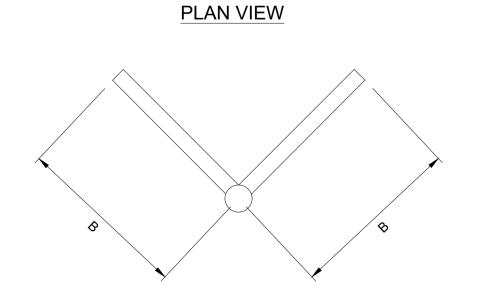
NOTES

STATED.

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE







BRACKET SPIGOT COMPLETE
 WITH ANTI ROTATION DEVICE
 AND FIXING SCREWS



6

BRACKET SPIGOT COMPLETE WITH ANTI ROTATION DEVICE

AND FIXING SCREWS

90° TWIN ARM BRACKET



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	NC	TES						
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	6. COLUMNS SHALL BE INSTALLED IN ACCORDANCE WITH CLAUSE 1305 AND SHALL PRESENT A UNIFORM ALIGNMENT WHEN ERECTED, INSTALLATION TOLERANCE SHALL BE							
	 7. FOR COLUMNS WITH TWIN PROJECTION BRACKET ARMS THE COLUMN SHAFTS SHALL BE FITTED WITH TWIN DOORS. 							
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	9. POST TOP LUMINAIRES MAY REQUIRE A SPIGOT FOR FIXING.							R FIXING.
JNTED								
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	TYPICAL DETAIL LIGHTING COLUMN AND FOUNDATION REGULATION 5(2)(0) & 6(2) SHEET 01 OF 01							
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5th Floor, Block 5 Shire Hall Bearland Gloucester GL1 2TH

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