Traffic Note

Management of Access to Compound Site

Dunkirk Hill
Northwest of Devizes
Wiltshire
SN10 2LU

Project No: B18155

Project Title: Devizes Main Replacement

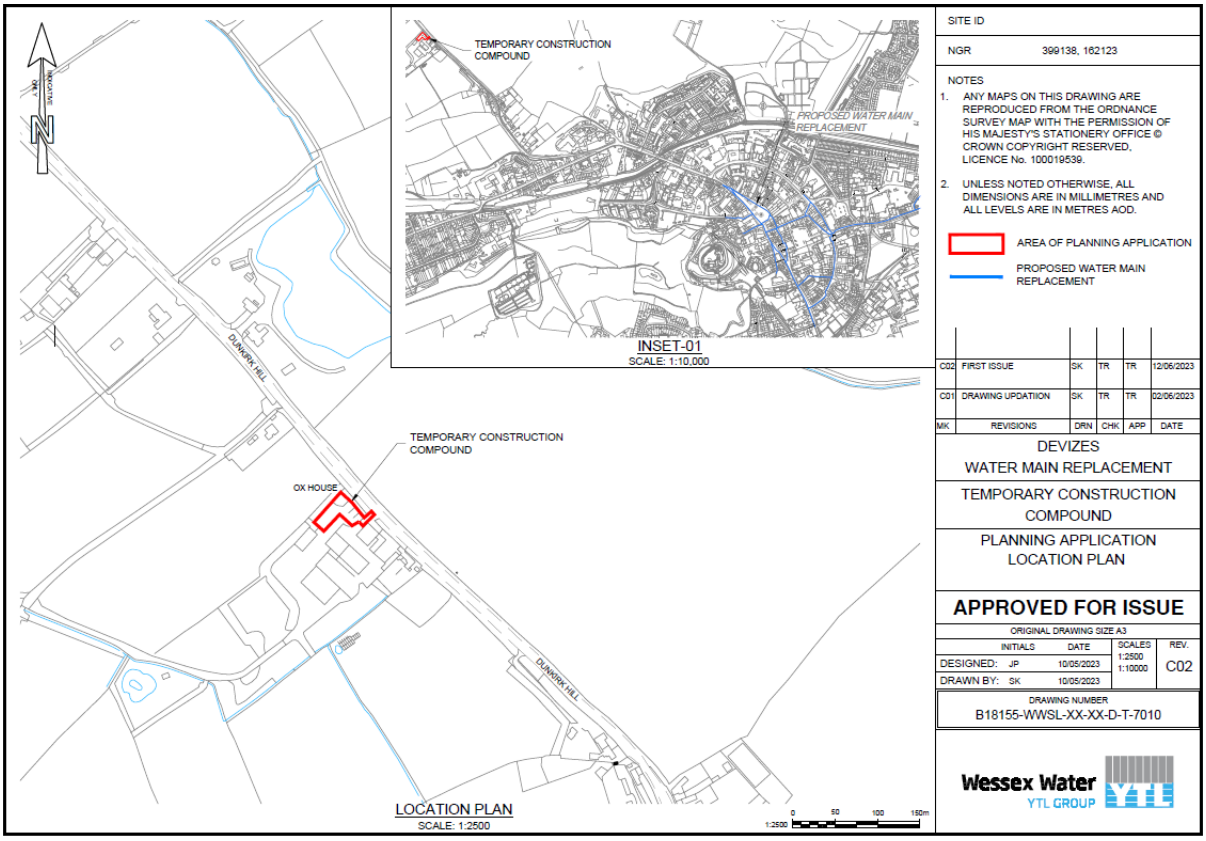
Document Control					
Issue No	Prepared by	Date	Comments	Approved by	Date
1	TR / AI	01/08/2023	First Draft	AI / JP / LC	02/08/2023

Introduction

This Traffic Note has been generated to assist in managing construction traffic using the proposed compound at Dunkirk Hill, for material storage associated with a scheme to replace the mains water supply pipework (under permitted development) in central Devizes. It is issued to support the planning application for the use of the compound in this location.

It is proposed to start the use of the compound on 29th August 2023 for a duration of approximately 20 months. The compound will be used for material storage on an existing hardstanding area. See Figure 1 for the location, below.

Figure 1: Compound Location



Appendix A contains a series of drawings showing the site location, site layout plan as well as a visibility splay and vehicle tracking for a 26-tonne lorry (gross weight) (largest vehicle to regularly use the site) and an articulated lorry (only infrequent use for larger delivery of pipework).

1.Types and Estimated Daily Traffic Volumes across Project Phases

Throughout the duration of the project, traffic to the construction site will vary, depending on specific activities. For example, during the initial stage of each phase of works (there are 5 phases in total across the approximate 18 / 20 - month period) two larger main deliveries of pipework are anticipated. However, there will be periods of time when pipe laying activity and transferring of services will be ongoing in central Devizes so vehicle movements will not be required at all.

The following is an indicative high-level programme of phases for the main replacement scheme and use of the compound, which is subject to change:

Phase 1: Late August / Early September 2023 – February / March 2024
Phase 2: March 2024 – July / August 2024
Phase 3: August 2024 – November 2024
Phase 4: November 2024 – early 2025
Phase 5: Early 2025 start (Exact dates TBC based on progress in earlier phases)

There will be two larger deliveries of pipework using a 40 / 44 tonne articulated lorry during the earliest weeks of each phase (3 - 5-month period) (see tracking Figure E).

The largest vehicle used for daily activities will be a 26-tonne lorry (gross weight) (see tracking Figure D). This lorry will be responsible for muck away activities, smaller deliveries of stone, pipe bedding and fittings. This lorry would likely be in and out of the compound 2 / 3 times a day maximum. The site team's tipper truck will also use the compound to pick up fittings possibly 1 or 2 times a day maximum. These estimated peak movements are expected to be the same during each phase of works.

Delivery / HGV movements will, as far as practicable, be coordinated outside of the AM and PM peak hours. However, there may be some deliveries which require arrival / departure during this time; these will be kept to a minimum.

Roll on and roll off skips will be used where possible with road closures in Devizes which will cut down usage of the compound as material will be taken away from our work area and straight to a recycling facility.

2. Site Working and Delivery Hours

Normal site working hours will be 07.30 – 17.00, Monday – Friday. On occasion operational activities may require work to be carried out outside of these normal hours, however this will be kept to a minimum.

Deliveries will be arranged to arrive during working hours and co-ordinated to minimise congestion on local roads as far as reasonably practical.

3. Access Routes, Traffic Management and Site Team

Site staff and suppliers of materials will be provided in advance with this Traffic Note.

Deliveries will either be routed from Chippenham in the north via the A342 or from Devizes in the south again via the A342.

Vehicle deliveries will be pre planned in an attempt to avoid the peak period and any potential clashes in delivery timing. As well as pre planning deliveries, the site team based at the compound area will assist in managing the entrance and exit of the delivery as it reaches site. The site team will act as banksmen to direct vehicles into the compound area and in exiting back onto the highway. Sufficient room for vehicles to enter in forward gear, turn, and exit in forward gear is available on site. See Figures D and E within Appendix A for vehicle tracking which shows this arrangement.

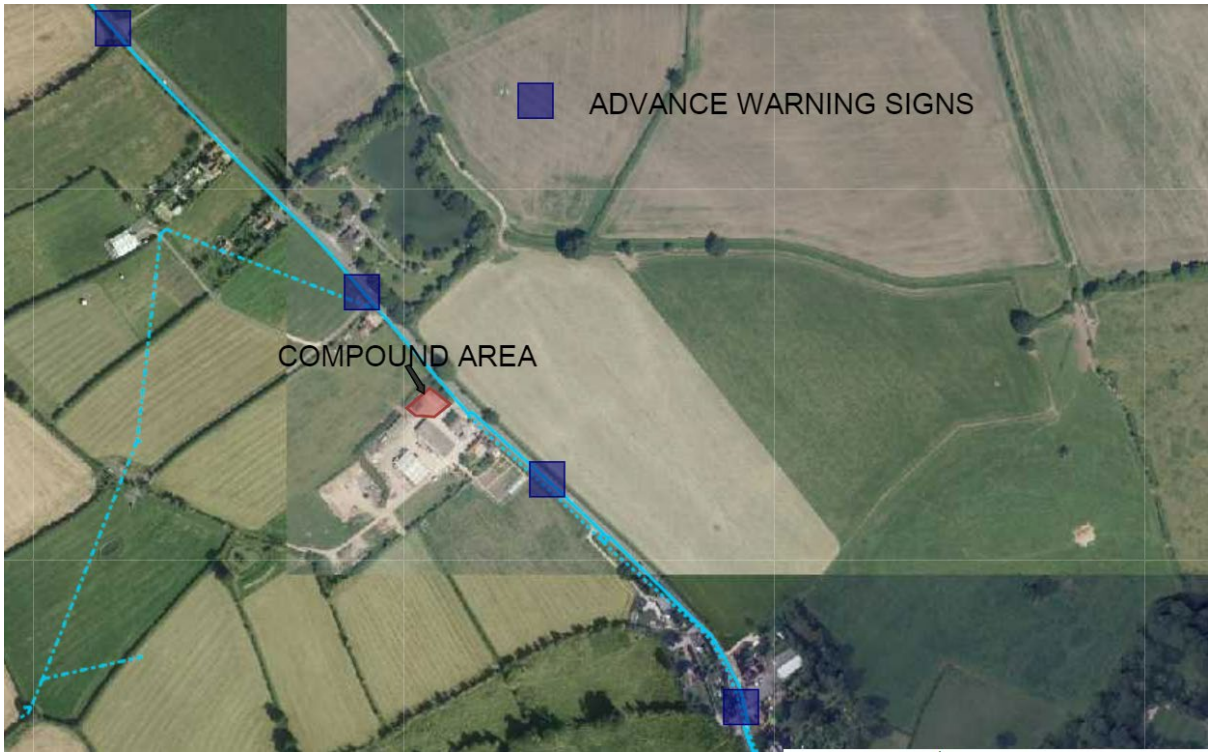
General Foreman - Ashley Russell
Ashley has a slinger, signaller and vehicle marshalling training and will oversee the artic deliveries. Will manage the operatives on site, delivery times and manage vehicle access / egress.

Team Leader - Josh Charlesworth
Josh has a slinger, signaller training and will assist Ashley in the bigger deliveries. Josh will control the day-to-day movements to the compound for the smaller vehicles and conducting visual check daily that signs are clear, not damaged and gates remain open during working hours.

4. Materials Storage and Advance Signage

On-site allowance for storage of material and a delivery area is likely to be more than sufficient capacity. Security systems will be in place to protect the site when it is unattended. The gate to the compound entrance will be open during working hours when attended and closed at the end of the working day.

The below figure maps out the approximate locations of the advance signage for the compound location. These will be the standard 'Caution Site Entrance' signs placed approximately 400m – 450m in each direction and again at 100m – 150m in each direction.



Signage will be checked regularly to make sure it is in the correct position and not damaged.

Pre-condition photos shall be taken prior to the first use of the compound at the site entrance and within 30 metres either side of the entrance. Wessex Water will commit to reinstating any damage caused to the highway in this location, as a result of Wessex Water activity, within 3 months of cessation of the use of the site (anticipated to be early 2025).

Site Location and Delivery Instructions

Site address

Dunkirk Hill
Northwest of Devizes
Wiltshire
SN10 2LU

- Please phone ahead and arrange the delivery with the site team.
- All deliveries must arrive between 07.30 – 16.00, Monday – Friday, unless specifically arranged otherwise. Where possible deliver outside of peak hours.
- Speed limit when entering exiting entrance and in compound area is maximum of 10mph.
- Beware of other site vehicles and pedestrians

Site Contacts

General Foreman: Ashley Russell
Team Leader: Josh Charlesworth

Appendix A: Supporting drawings

Figure A: Site compound location

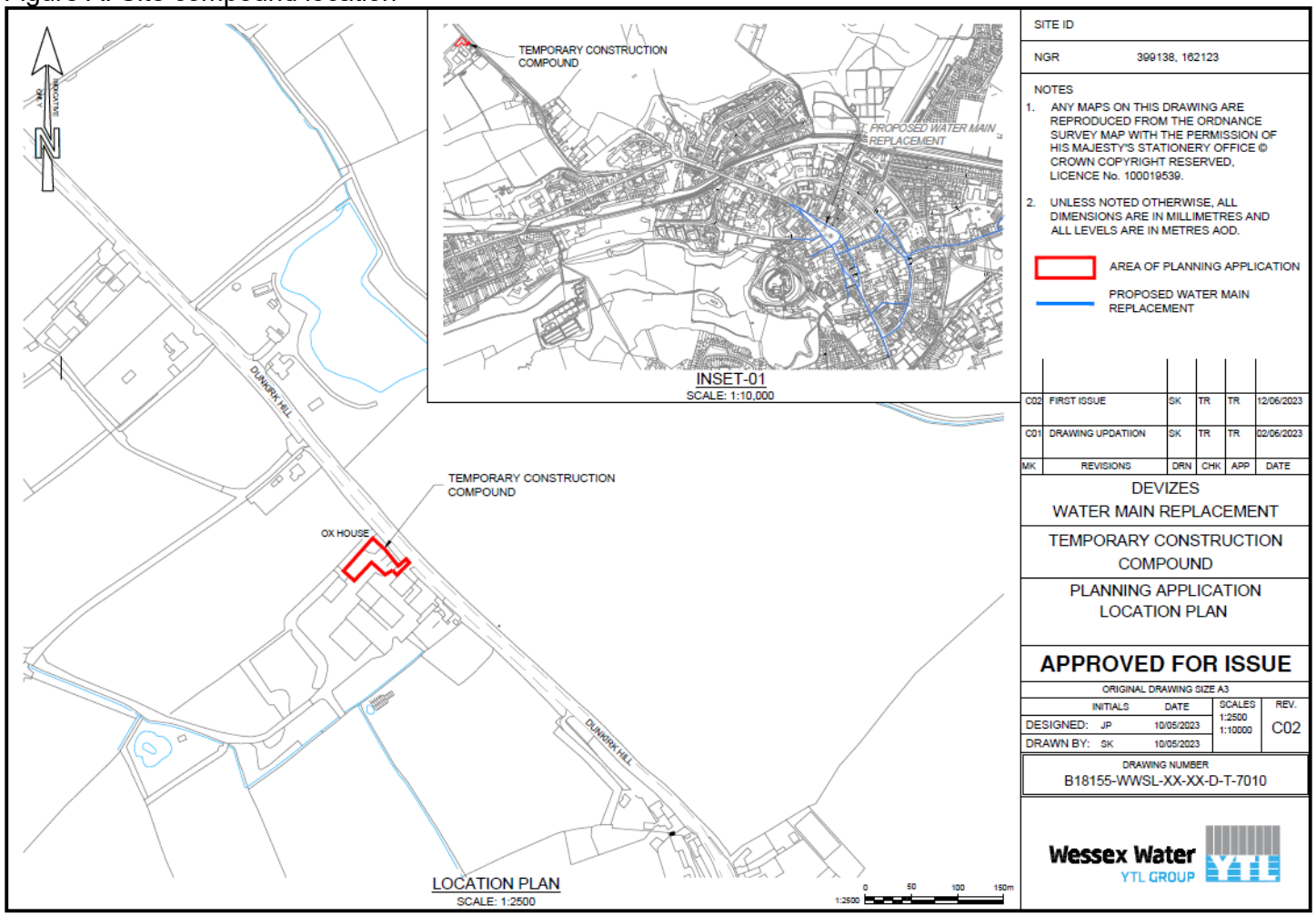


Figure B: Site compound layout (showing material storage areas and parking)

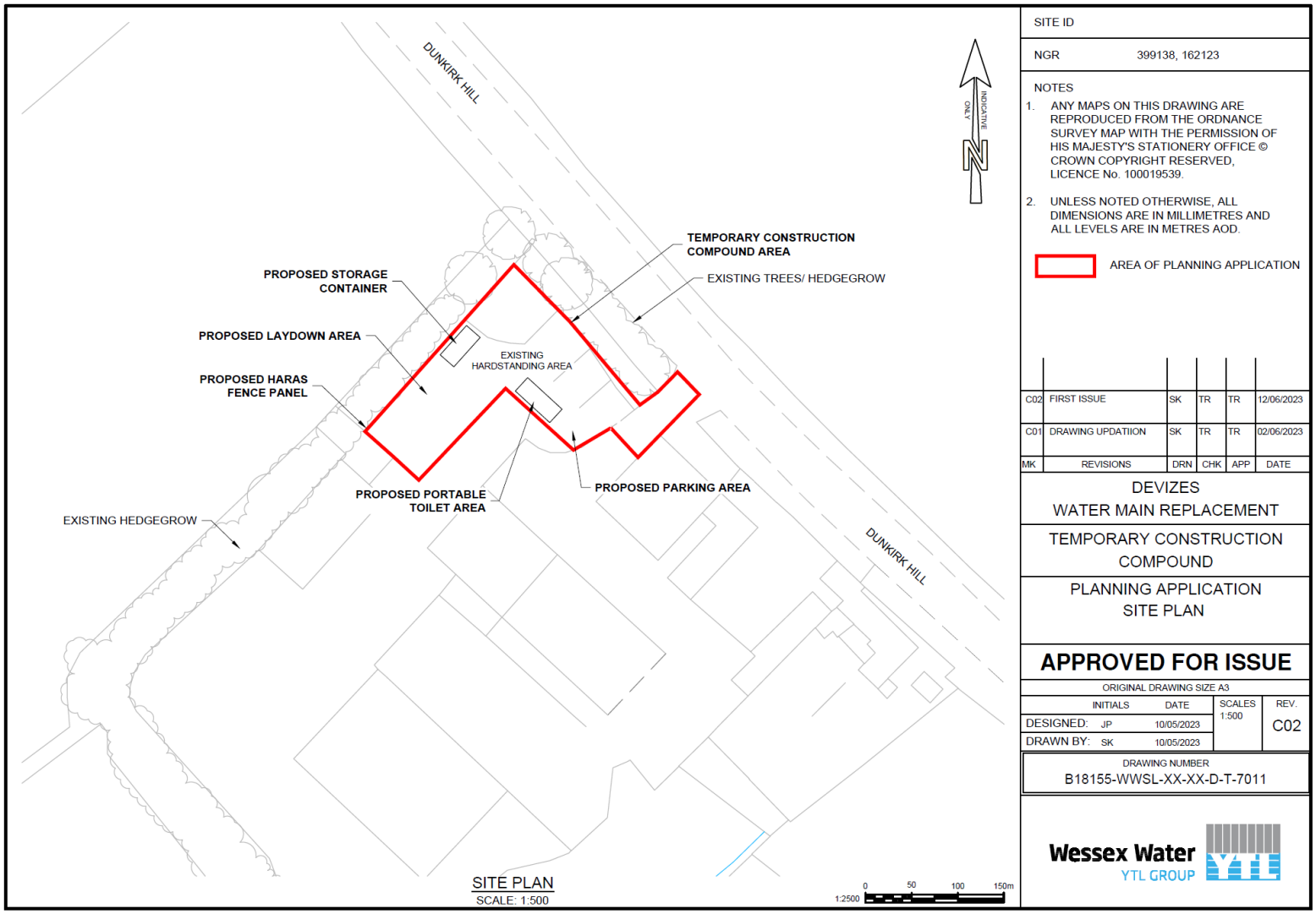


Figure C: Entrance Visibility Splay

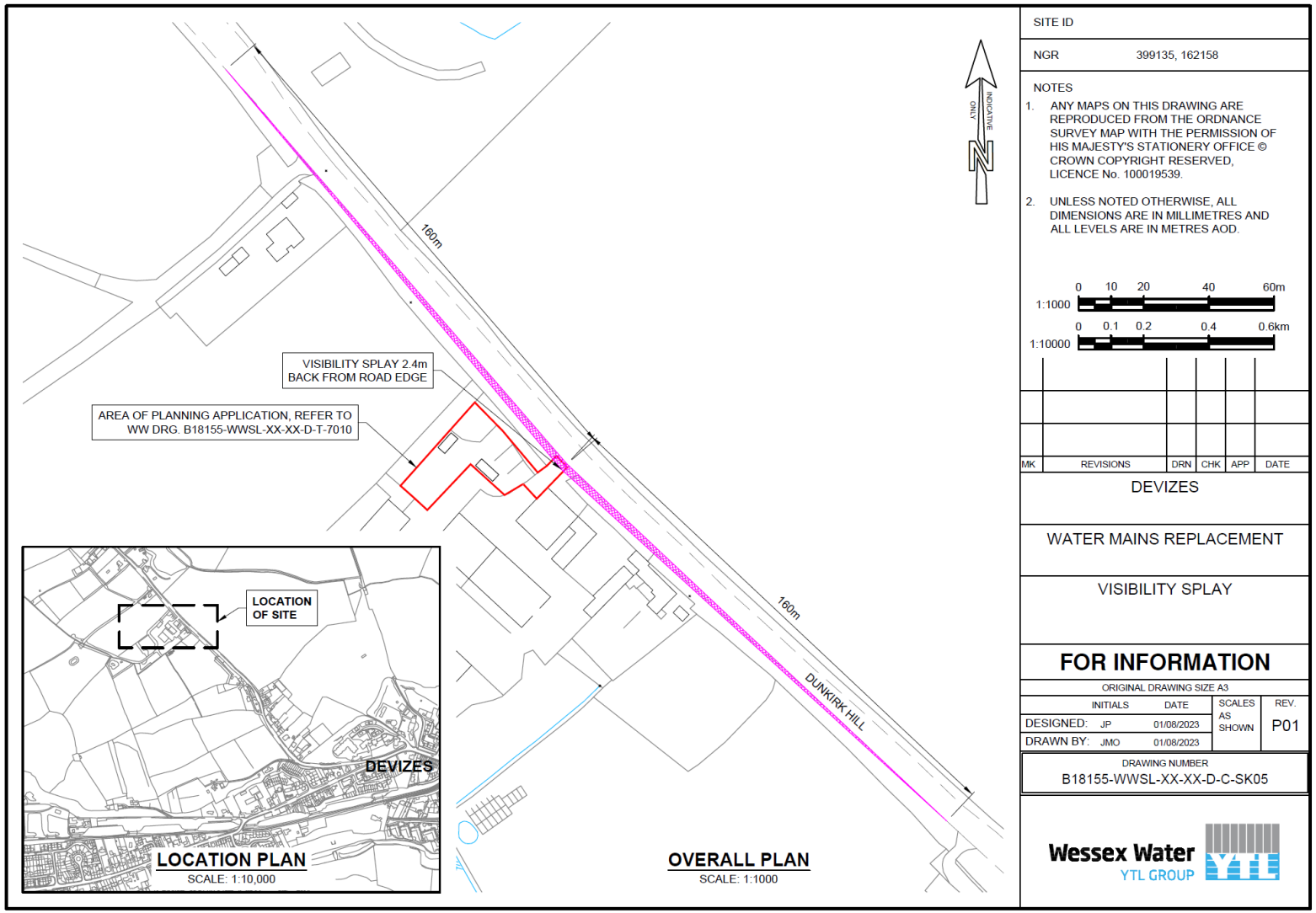
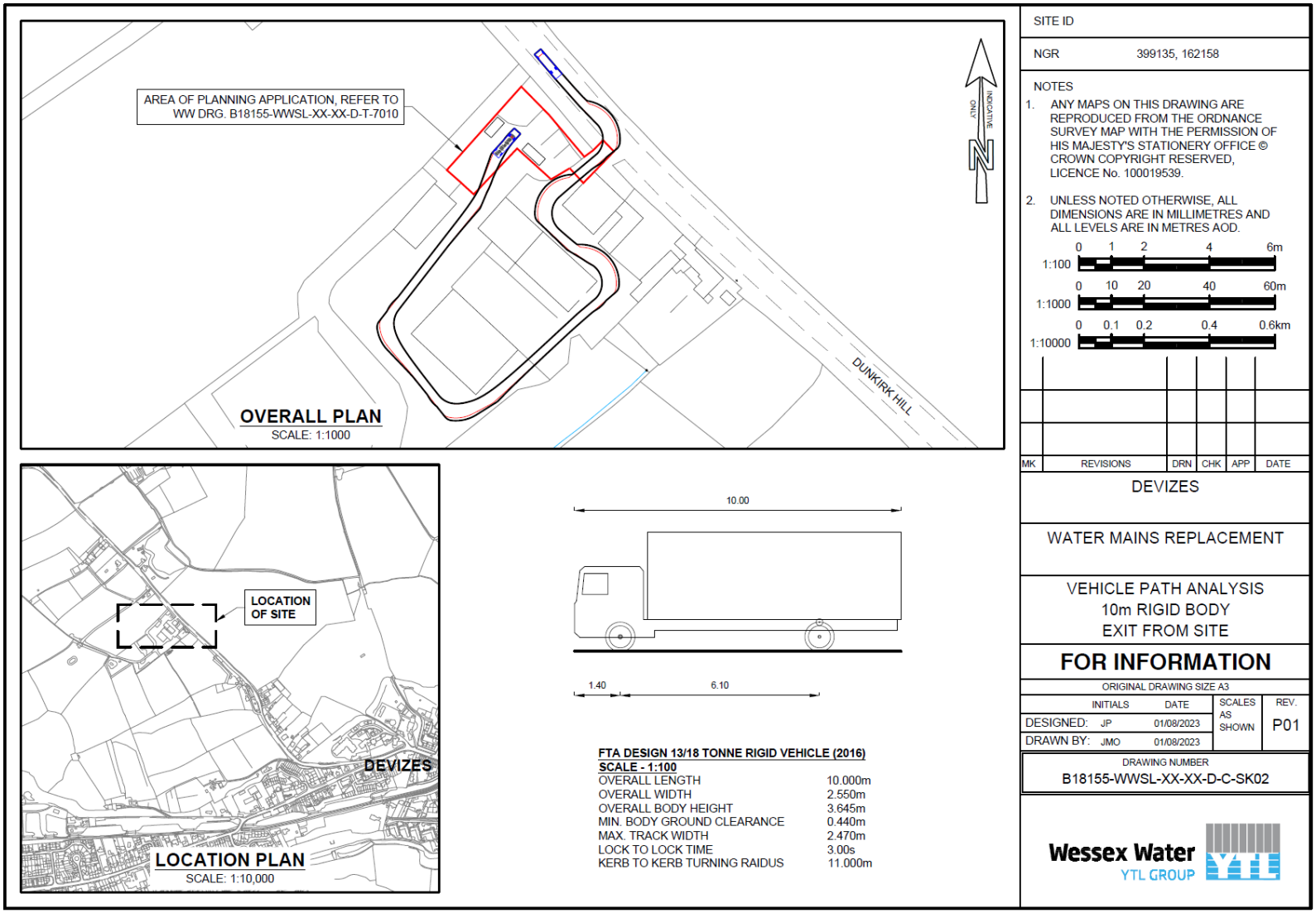
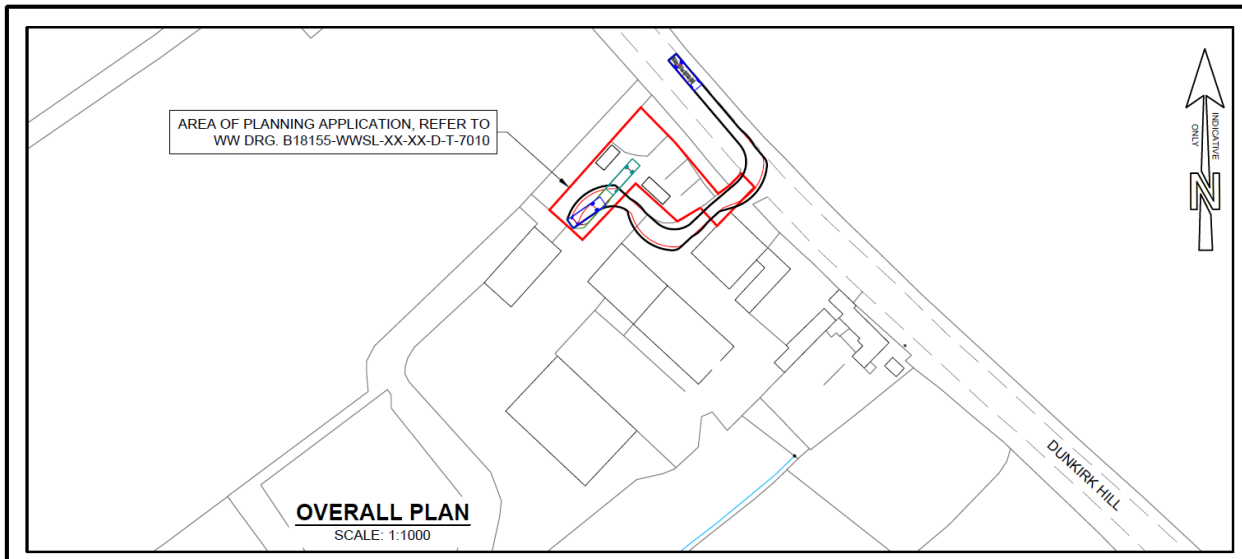
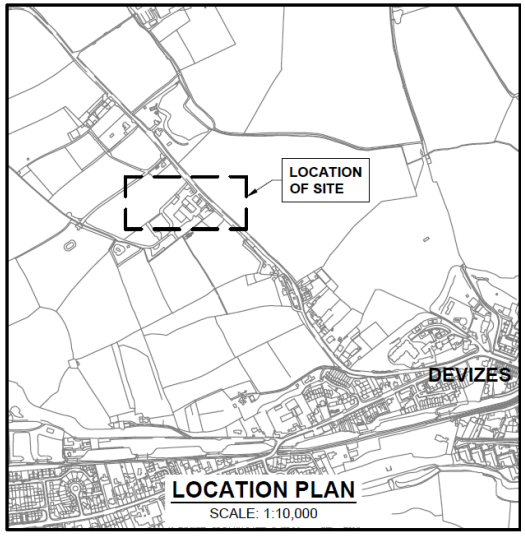
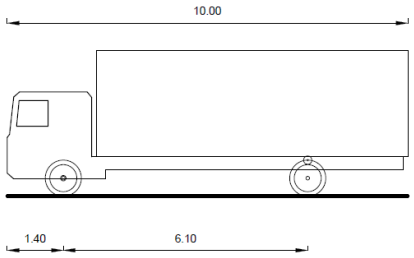


Figure D(i): Vehicle Tracking – 18 Tonne Lorry Swept Path









FTA DESIGN 13/18 TONNE RIGID VEHICLE (2016)
SCALE - 1:100

OVERALL LENGTH	10.000m
OVERALL WIDTH	2.550m
OVERALL BODY HEIGHT	3.645m
MIN. BODY GROUND CLEARANCE	0.440m
MAX. TRACK WIDTH	2.470m
LOCK TO LOCK TIME	3.00s
KERB TO KERB TURNING RAIDUS	11.000m

SITE ID

NGR 399135, 162158

NOTES

1. ANY MAPS ON THIS DRAWING ARE REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF HIS MAJESTY'S STATIONERY OFFICE © CROWN COPYRIGHT RESERVED, LICENCE No. 100019539.
2. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES AOD.

1:100 — 0 1 2 4 6m

1:1000 — 0 10 20 40 60m

1:10000 — 0 0.1 0.2 0.4 0.6km

MK	REVISIONS	DRN	CHK	APP	DATE

DEVIZES

WATER MAINS REPLACEMENT

VEHICLE PATH ANALYSIS
10m RIGID BODY
ENTRY TO SITE

FOR INFORMATION

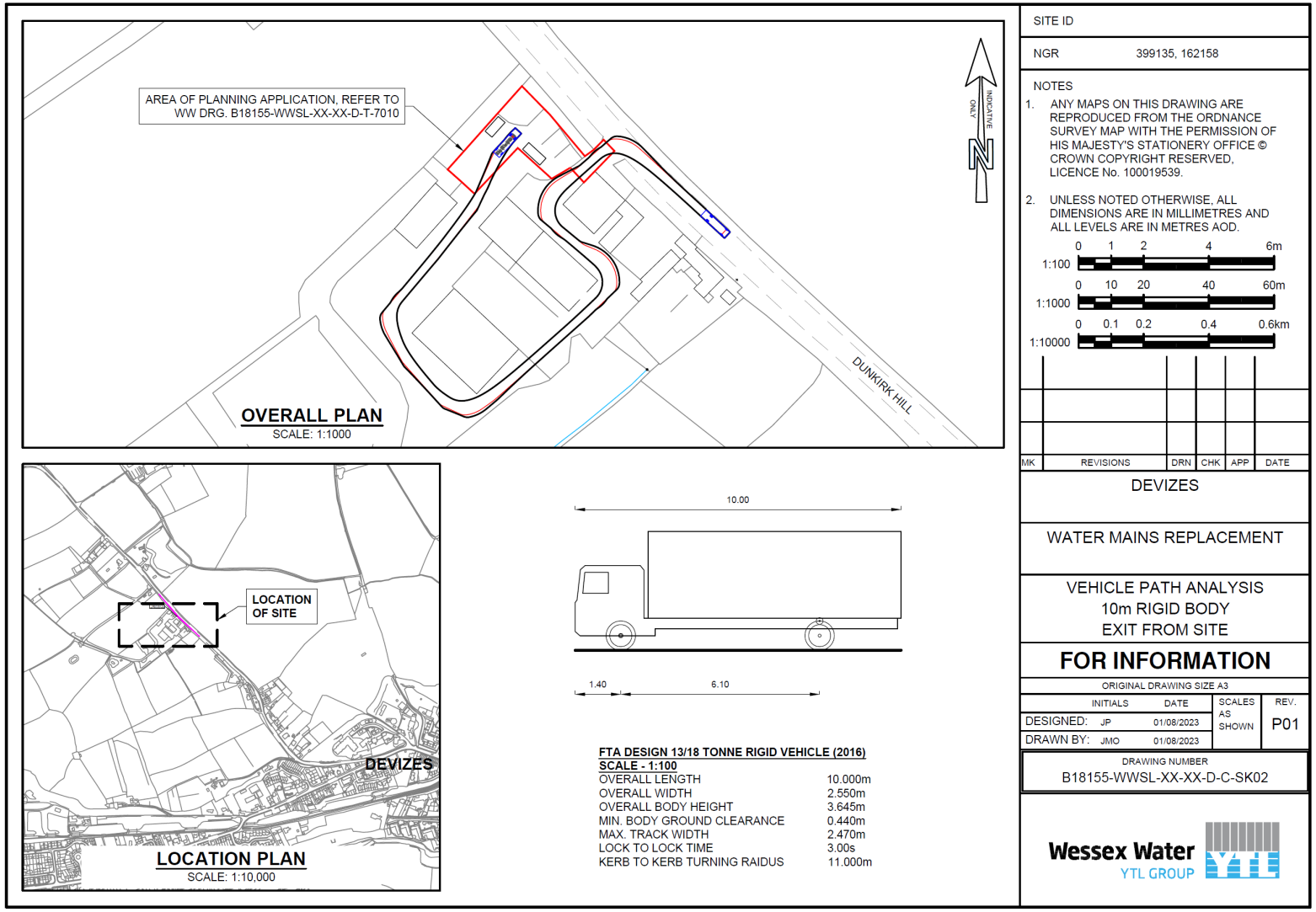
ORIGINAL DRAWING SIZE A3

	INITIALS	DATE	SCALES	REV.
DESIGNED:	JP	01/08/2023	AS SHOWN	P01
DRAWN BY:	JMO	01/08/2023		

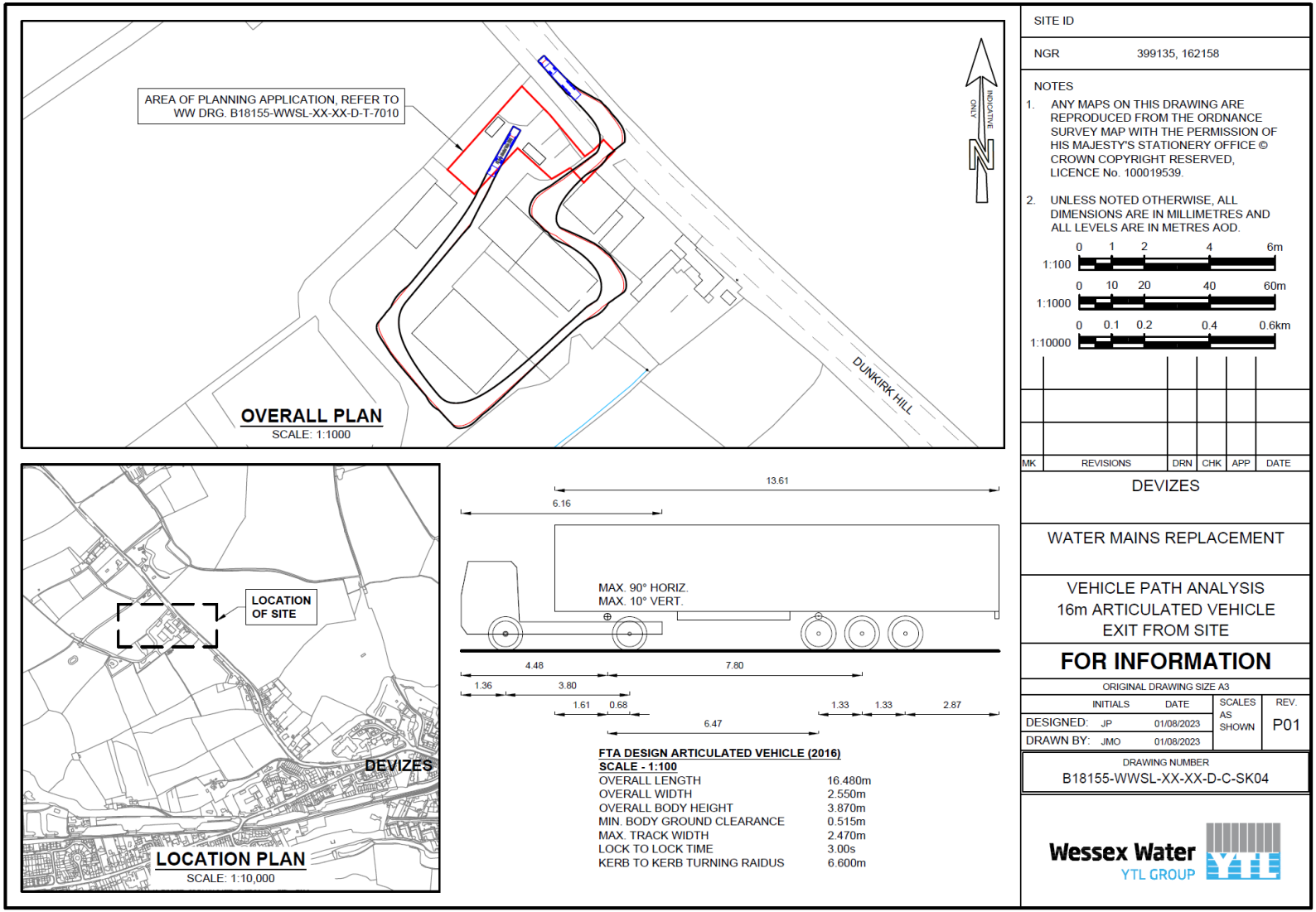
DRAWING NUMBER
B18155-WWSL-XX-XX-D-C-SK01

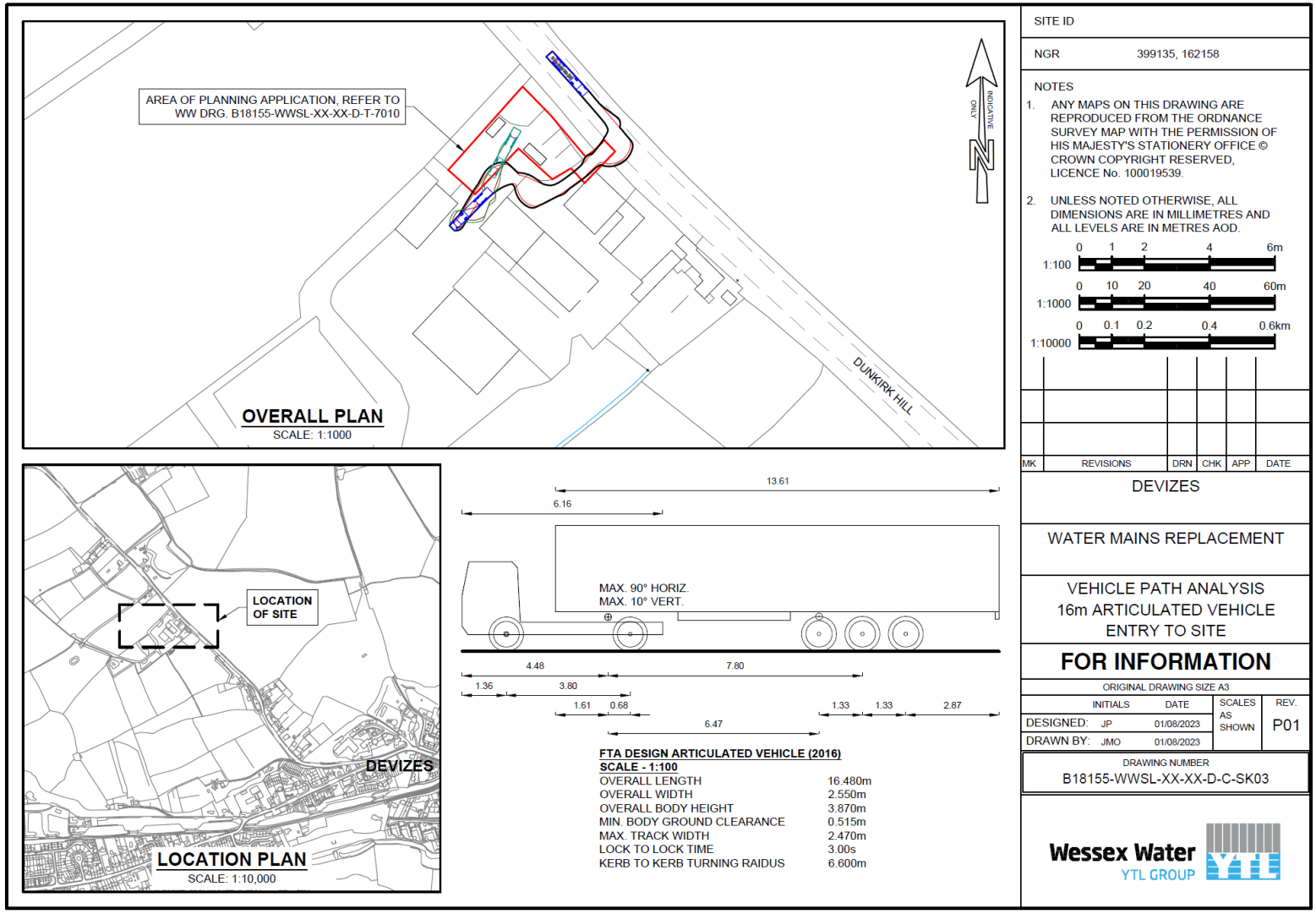
Wessex Water
YTL GROUP

Figure D (iii): Vehicle Tracking – 18 Tonne Lorry Swept Path



B18155, Devizes Main Replacement
Construction Traffic Management Plan
Figure E (i): Vehicle Tracking – Articulated Lorry Swept Path

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DUNKIRK HILL
INDICATIVE ONLY
OVERALL PLAN
SCALE: 1:1000
LOCATION OF SITE
DEVIZES
LOCATION PLAN
SCALE: 1:10,000
13.61
6.16
MAX. 90° HORIZ.
MAX. 10° VERT.
4.48
7.80
1.36
3.80
1.61
0.68
1.33
1.33
2.87
6.47
FTA DESIGN ARTICULATED VEHICLE (2016)
SCALE - 1:100
OVERALL LENGTH 16.480m
OVERALL WIDTH 2.550m
OVERALL BODY HEIGHT 3.870m
MIN. BODY GROUND CLEARANCE 0.515m
MAX. TRACK WIDTH 2.470m
LOCK TO LOCK TIME 3.00s
KERB TO KERB TURNING RAIDUS 6.600m
SITE ID
NGR 399135, 162158
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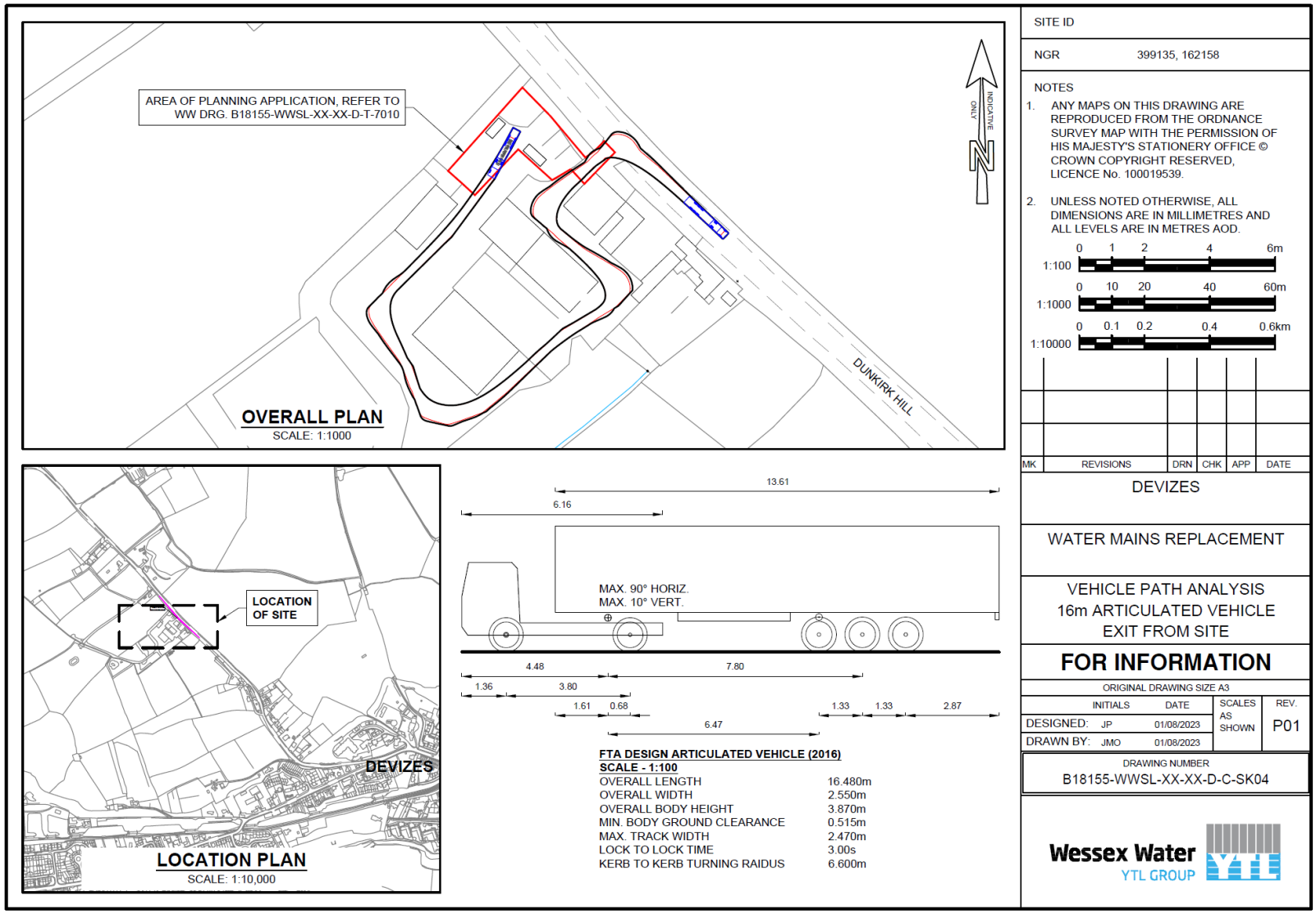
1:100 0 1 2 4 6m
1:1000 0 10 20 40 60m
1:10000 0 0.1 0.2 0.4 0.6km
MK REVISIONS DRN CHK APP DATE
DEVIZES
WATER MAINS REPLACEMENT
VEHICLE PATH ANALYSIS
16m ARTICULATED VEHICLE
ENTRY TO SITE
FOR INFORMATION
ORIGINAL DRAWING SIZE A3
INITIALS DATE SCALES REV.
DESIGNED: JP 01/08/2023 AS SHOWN P01
DRAWN BY: JMO 01/08/2023
DRAWING NUMBER
B18155-WWSL-XX-XX-D-C-SK03
Wessex Water
YTL GROUP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1:1000 0 10 20 40 60m
1:10000 0 0.1 0.2 0.4 0.6km
MK REVISIONS DRN CHK APP DATE
DEVIZES
WATER MAINS REPLACEMENT
VEHICLE PATH ANALYSIS
16m ARTICULATED VEHICLE
EXIT FROM SITE
FOR INFORMATION
ORIGINAL DRAWING SIZE A3
INITIALS DATE SCALES REV.
DESIGNED: JP 01/08/2023 AS SHOWN P01
DRAWN BY: JMO 01/08/2023
DRAWING NUMBER
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Wessex Water
YTL GROUP