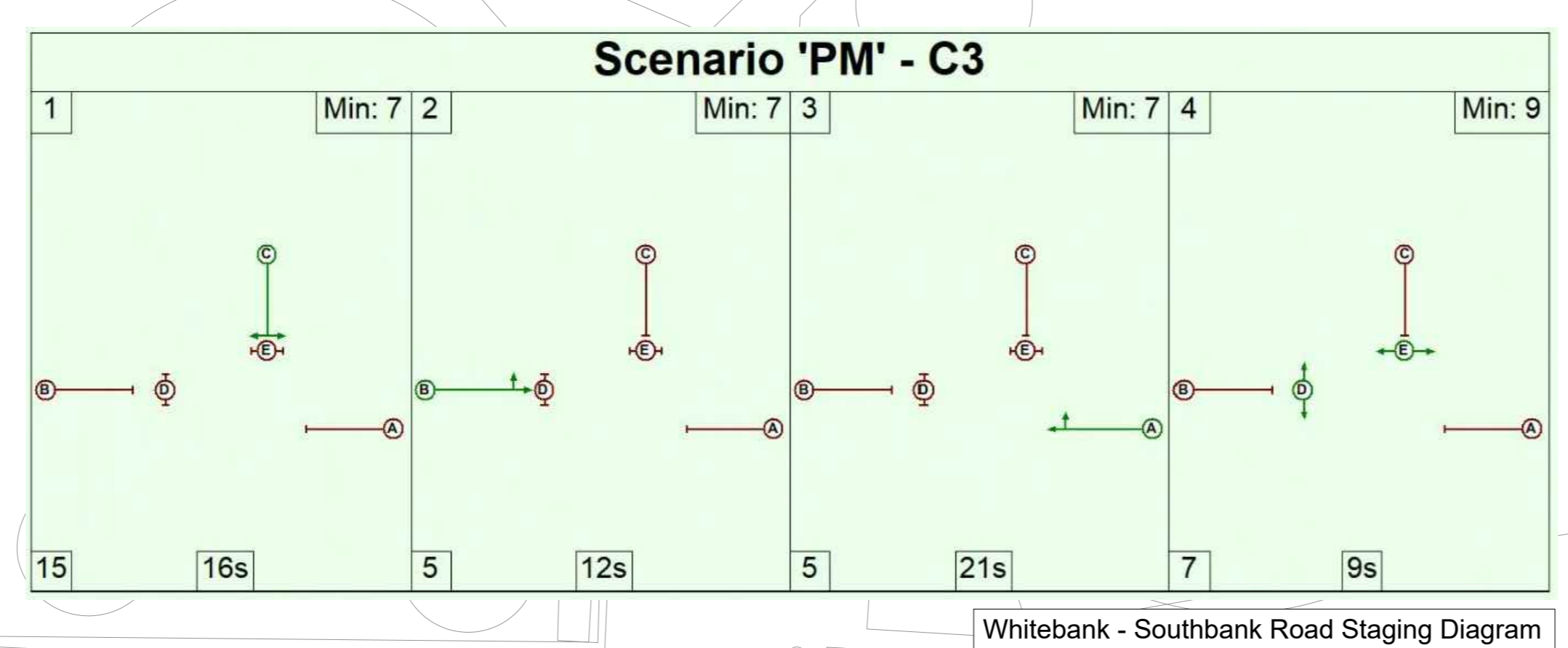
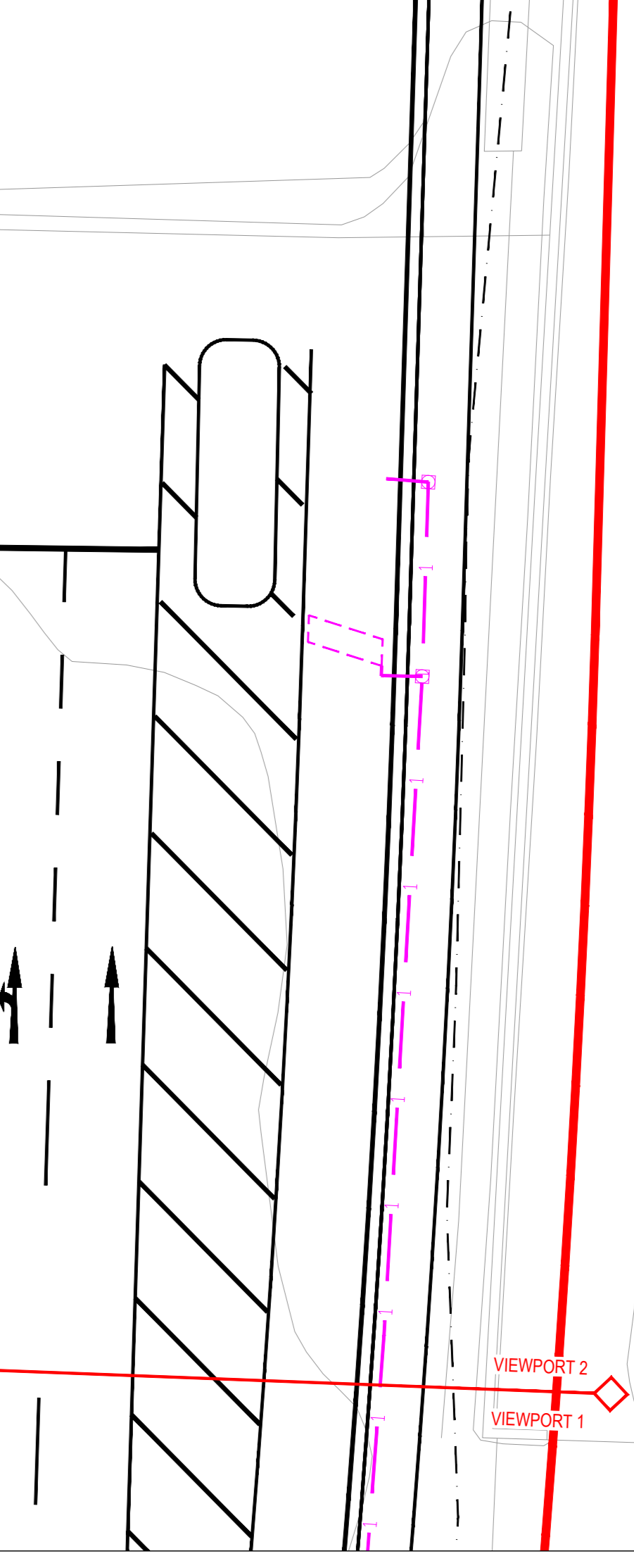


VIEWPORT 1



Proposed Primary and Secondary Controllers

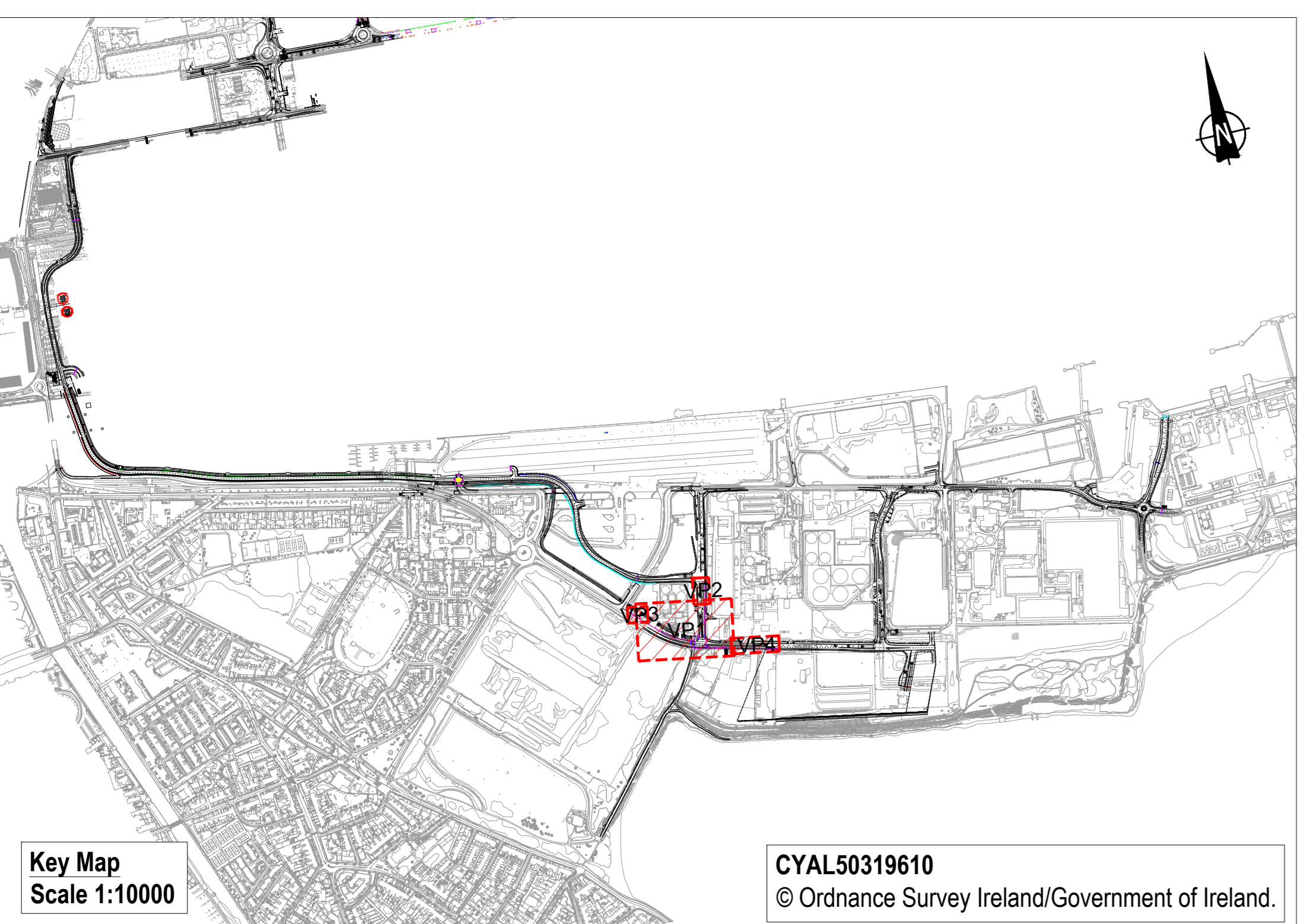
VIEWPORT 2



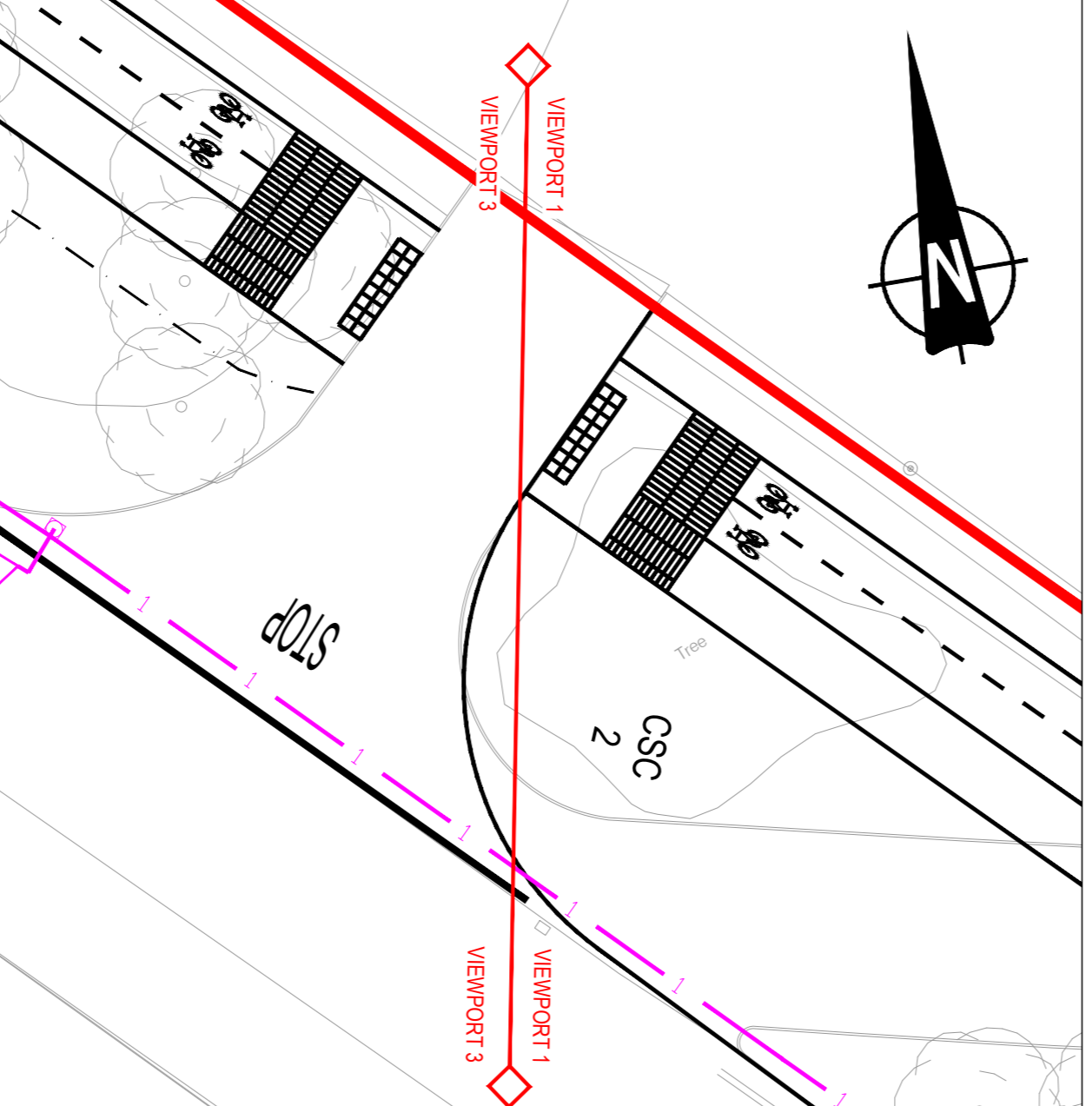
- NOTES**
- Verifying Dimensions. The contractor shall verify dimensions against other drawings or site conditions as pertain to this part of the work.
 - Existing Services. Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
 - Issue of Drawings. Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg, dxf etc) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error or the recipient. Listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production, or setting out on site.
 - OS Map Sheet No. 3198-13, 3198-14, 3198-15, 3198-16, 3198-17, 3198-18, 3198-19, 3198-20, 3198-21, 3198-22, 3198-23, 3198-24, 3198-25, 3264-03, 3264-04, 3264-05, 3264-06, 3264-07, 3264-08, 3264-09, 3264-10, 3264-11, 3264-12, 3264-13, 3264-14, 3264-15, 3264-16, 3264-17, 3199-11, 3199-12, 3199-13, 3199-14, 3199-15, 3199-16, 3199-17, 3199-18, 3199-19, 3199-20, 3199-21, 3199-22, 3199-23, 3199-24, 3265-01, 3265-02, 3265-03, 3265-04, 3265-05, 3265-06, 3265-07, 3265-08, 3265-09, 3265-10, 3265-11, 3265-12, 3265-13
 - Datum: ITM

- LEGEND**
- Existing survey
 - Proposed layout
 - Proposed Safety barrier
 - Proposed Terminal
 - Proposed VCB
 - Application Boundary
- SIGNALS KEY**
- 4.3m signal pole
 - 2.0m stub pole with welded top cap
 - VEHICLE SIGNAL HEADS
 - RAG fitted with primary hoods
 - RAG fitted with secondary hoods
 - Combined Toucan near sided indicator with push button indicator
 - Nearside push button wait indicator
 - Tactile device
 - ELV Traffic signal controller
 - Electricity Supply Pillar ("Haldo")
 - MOVA detection
 - Stop line detection
 - Speed assessment loop
 - On crossing detector
 - 1 No. Polyethylene 50mm duct
 - 1 No. Twin Wall Polyethylene 100mm duct
 - 6 No. Twin Wall Polyethylene 100mm duct
 - NAL STAKKAbOX 600mm x 600mm, Twin walled access chambers, composite covers to BS125
 - NAL STAKKAbOX 600mm x 450mm, Twin walled access chambers, composite covers to BS125
 - NAL STAKKAbOX 450mm x 450mm, Twin walled access chambers, composite covers to BS125
 - NAL STAKKAbOX 300mm x 300mm, Twin walled access chambers, composite covers to BS125
 - Red tactile paving at signal controlled crossing.

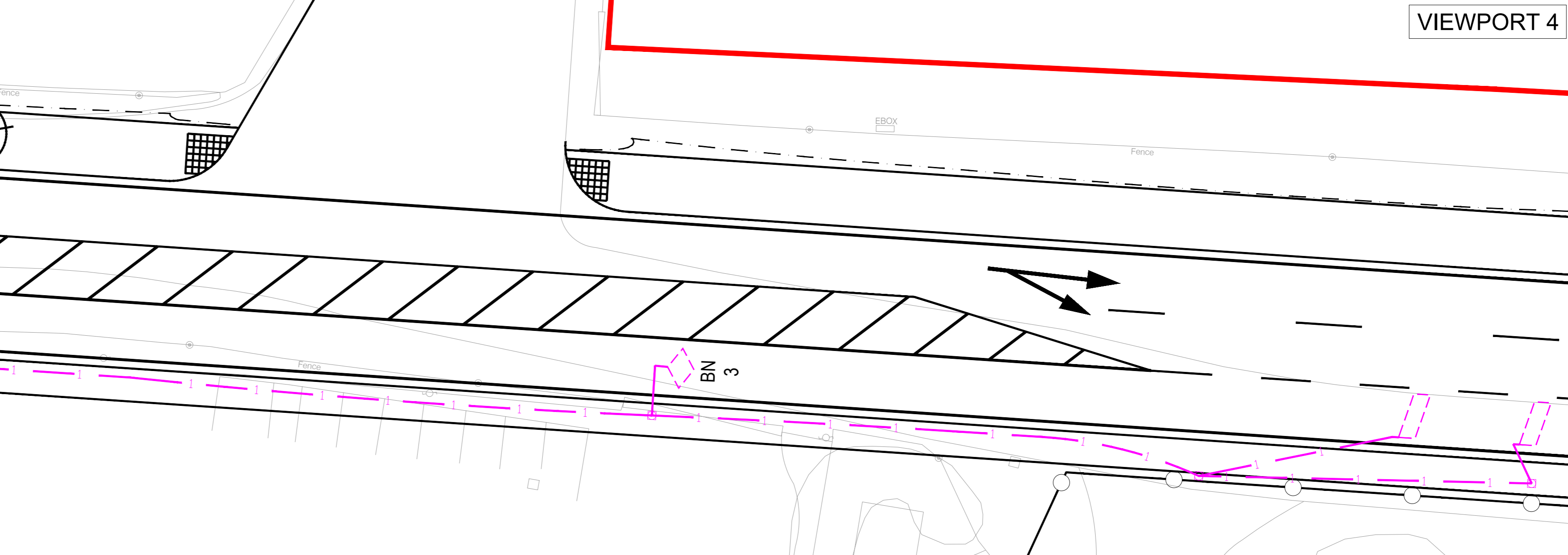
- NOTES CONTINUED**
- Siemens or OTI with cabinet mount aerial will be supplied and installed, plus download, configuration and tested both ways between the isolation and substation. Traffic signal controller will also provide live update drawings.
 - Signal pole positions and orientation to be agreed on site by engineer or their representative.
 - Tactile devices shall be mounted within all pedestrian demand units and shall protrude from the underside of the unit.
 - Signal heads and AGZ's shall be angled to the satisfaction of the engineer on the day of commissioning.
 - All traffic signal poles shall have an offset of 400mm from the edge of the pedestrian tactile paved area and 750mm setback from the face of the kerb.
 - All traffic signal equipment will be black in colour and all traffic signal poles will be grey in colour.
 - Please note that the above ground detector will also require correct mounting brackets so that they also achieve 450mm from the kerb edge.
 - Traffic signal heads will be installed at minimum clearance of 2.1m from ground level to the bottom edge of the signal head, when over a cycleway the minimum clearance will be 2.4m from the bottom edge of the signal head.
 - All traffic signal equipment including signal controller will be of ELV & LED type.
 - Siemens controller base to be installed, correct controller cabinet base will need to be ordered based on the controller type installed. Colour of base will match signal controller.
 - An Electricity Supply pillar (Haldo or equivalent) shall be supplied for the termination of the electricity supply. Within the pillar a wooden panel shall be fixed which has a space of at least 180 mm high x 100 mm wide x 50 mm deep available for the electricity supplier to mount and connect the cut out SOA lockable double pole sockets with single pole leads to enable the supply to the controller to be isolated, shall be fitted. All earth bonding within the pillar shall be terminated at a main earth terminal. 50mm black ducting shall be installed between the Electricity Supply pillar and the Controller.
 - The drawing should be read in conjunction with Siemens standard detail drawings.
 - Contractor to supply the following with regard to the new traffic light signal controller New High Power Supply a. b. New Telecoms connection. This shall include 1 No. Standard Line and 1 No. ISDN Line.
 - All signal poles to be passively safe in accordance with BS EN 12197:2019 with a passively safe classification of 100-NE-NR-G-NR-MD-NR
 - All large signal poles to be passively safe in accordance with BS EN 12197:2019 not protected
 - Exact location of signal poles and head to be agreed with TI representative on site.
 - Exact location of MOVA loops to be agreed with TI representative on site.
 - Controller and supply mini pillar to have 600mm wide bitmac surround bounded by pin kerbs.
 - Metal pole housing sockets to be used for all poles.
 - Traffic signal controller configuration forms and initial MOVA Data Set to be completed and presented to TICC for checking six weeks prior to planned switch on date of signals.
 - TICC to be on site for switch on and commissioning of traffic signals.
 - All ducting box lids to be concrete.
 - It may be of benefit to complete an early speed survey on all approaches to give an idea of the final locations on "N" loops. Final ducting runs and inspection chamber locations may change depending on position of "N" loops.
 - All temporary traffic signal work requests to be submitted through TICC at least one week in advance.
 - All traffic signal poles that require to be temporarily relocated must use a reinforced concrete pole housing unit surround.
 - TICC should be invited to a final snag minimum of one week prior to switch on. All Poles located in Pole Boxes, Access Chambers and Pole Boxes as Manufactured by approved supplier. Tactile Paving to be fixed for controlled crossing and built in colour for uncontrolled.



VIEWPORT 3



VIEWPORT 4



VIEWPORT 4

P01	Revised for planning	PN	02/10/23
rev	amendments	check	date

rps
Elmwood House
74 Douglas Road
Belfast
BT12 6PC

Tel: +44 (0) 28 90 667914
Fax: +44 (0) 28 90 666286
Web: www.rpsgroup.com/ireland
Email: ireland@rpsgroup.com

Client: **COMHLACHT CHALFORT ATHA CLIAITH DUBLIN PORT COMPANY**

Project: **3FMProject**

Title: **Roads & Footways (Southern & SPAR) - Proposed signal junction - (Whitebank - Southbank Road)**

Project Number	Sheet Size	Drawing Scale
IBH0796	A0	1:200

Drawing Number: CP1901_3FM-RPS_S26-HML-SJ4-DR-HE-1200-0001

Drawn By	Status	Revision
DMI	S4	P01

Checked By	Approved By	Date
PN	CDO	June 23