



VISUALISATION DATA: VIEWPOINT 06 SUMMER

SENSOR / LENS: FFS + Canon, 50mm

DIRECTION OF VIEW: 310° from N

FIELD OF VIEW: 90°(HFoV) x 27°(VFoV)

Notes: To be viewed at comfortable arm's

VISUALISATION TYPE: Type 1

CAMERA: Canon EOS 6D

ENLARGEMENT FACTOR: 96% @ A1 length.

SEASON: Summer

FIELD OF VIEW: 90°(HFoV) x 27°(VFoV)
DIRECTION OF VIEW: 310° from N

DATE & TIME: 23/10/2024, 12:20
PROJECTION: Cylindrical

Notes: To be viewed at comfortable arm's | SHEET SIZE: A1

VIEWPOINT 06 WINTER & VIEWPOINT 06 SUMMER

SHEET 6 OF 11

DO NOT SCALE

NTS

B27070EP

Jacobs No.

Drawing No.

RVBC-P&R-ES-5-5.4

Client No.

UNITED UTILITIES WATER LIMITED
HAWESWATER AQUEDUCT RESILIENCE PROGRAMME

UnitedUtilities

Water for the North West

Jacobs

5 First Street, Manchester, M15 4GU, UK. Tel: +44(0)161 235 6000

www.jacobs.com

Initial Issue

VISUALISATION DATA: VIEWPOINT 06 WINTER

SENSOR / LENS: FFS + Canon, 50mm

VISUALISATION TYPE: Type 1

PROJECTION: Cylindrical

DATE & TIME: 12/12/2024, 12:15

CAMERA: Canon EOS 6D Mark II

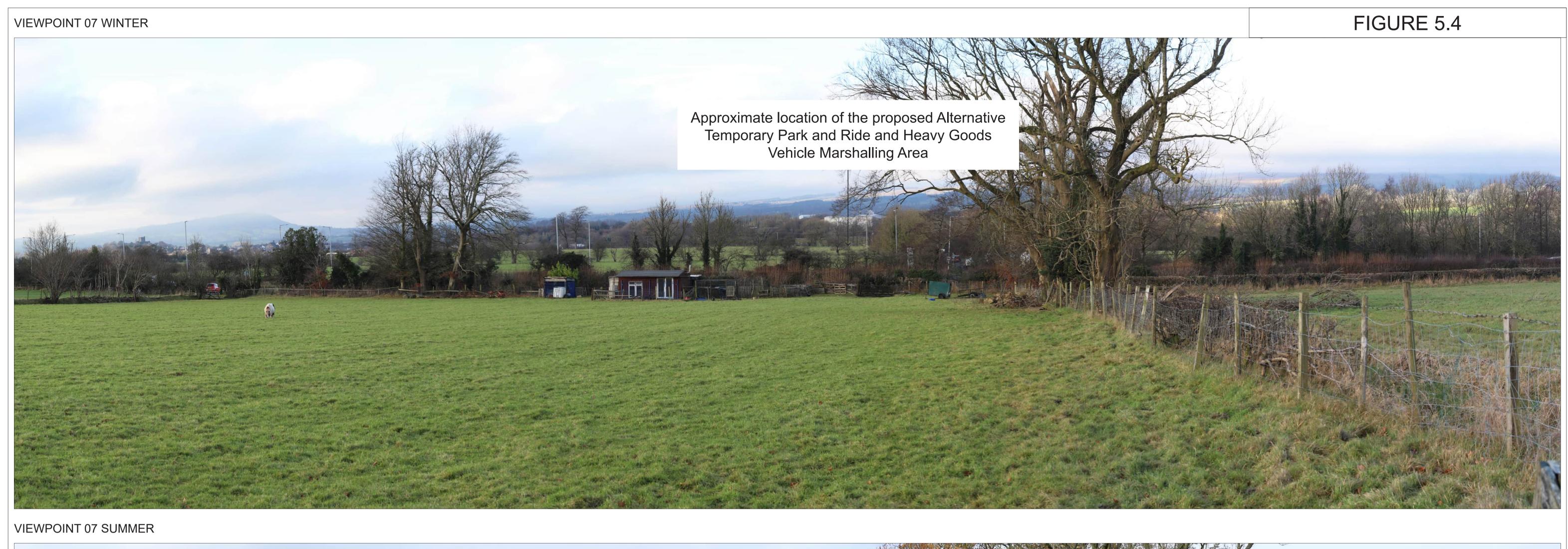
ENLARGEMENT FACTOR: 96% @ A1

SEASON: Winter

SHEET SIZE: A1

VERSION AUTH CHKD REVD REASON FOR ISSUE

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VERSION	AUTH	CHKD	REVD	REASON FOR ISSUE	DATE

VISUALISATION TYPE: Type 1 SEASON: Winter DATE & TIME: 12/12/2024, 12:23 PROJECTION: Cylindrical SHEET SIZE: A1

SENSOR / LENS: FFS + Canon, 50mm FIELD OF VIEW: 90°(HFoV) x 27°(VFoV)
DIRECTION OF VIEW: 310° from N

DATE & TIME: 23/10/2024, 12:30
PROJECTION: Cylindrical Notes: To be viewed at comfortable arm's SHEET SIZE: A1

VISUALISATION DATA: VIEWPOINT 07 WINTER

VISUALISATION DATA: VIEWPOINT 07 SUMMER VISUALISATION TYPE: Type 1 SEASON: Summer ENLARGEMENT FACTOR: 96% @ A1 length. CAMERA: Canon EOS 6D

SENSOR / LENS: FFS + Canon, 50mm FIELD OF VIEW: 90°(HFoV) x 27°(VFoV) DIRECTION OF VIEW: 310° from N Notes: To be viewed at comfortable arm's

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VIEWPOINT 07 WINTER & VIEWPOINT 07 SUMMER SHEET 7 OF 11

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Initial Issue





SENSOR / LENS: FFS + Canon, 50mm

DIRECTION OF VIEW: 330° from N

FIELD OF VIEW: 90°(HFoV) x 27°(VFoV)

Notes: To be viewed at comfortable arm's

VISUALISATION TYPE: Type 1

CAMERA: Canon EOS 6D

ENLARGEMENT FACTOR: 96% @ A1 length.

SEASON: Summer

FIELD OF VIEW: 90°(HFoV) x 27°(VFoV) DATE & TIME: 23/10/2024, 15:35 DIRECTION OF VIEW: 330° from N PROJECTION: Cylindrical

Notes: To be viewed at comfortable arm's SHEET SIZE: A1

SENSOR / LENS: FFS + Canon, 50mm

VISUALISATION TYPE: Type 1

PROJECTION: Cylindrical

DATE & TIME: 12/12/2024, 15:35

CAMERA: Canon EOS 6D Mark II

ENLARGEMENT FACTOR: 96% @ A1 length.

SEASON: Winter

SHEET SIZE: A1

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SHEET 8 OF 11

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VISUALISATION TYPE: Type 1 SEASON: Winter DATE & TIME: 12/12/2024, 12:41 PROJECTION: Cylindrical SHEET SIZE: A1 © Copyright 2024 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party. ENLARGEMENT FACTOR: 96% @ A1 CAMERA: Canon EOS 6D Mark II

SENSOR / LENS: FFS + Canon, 50mm

VISUALISATION DATA: VIEWPOINT 09 WINTER

VISUALISATION TYPE: Type 1 SEASON: Summer FIELD OF VIEW: 90°(HFoV) x 27°(VFoV)
DIRECTION OF VIEW: 300° from N
Notes: To be viewed at comfortable arm's

DATE & TIME: 23/10/2024, 15:09
PROJECTION: Cylindrical
SHEET SIZE: A1 ENLARGEMENT FACTOR: 96% @ A1 length. CAMERA: Canon EOS 6D

SENSOR / LENS: FFS + Canon, 50mm FIELD OF VIEW: 90°(HFoV) x 27°(VFoV) DIRECTION OF VIEW: 300° from N Notes: To be viewed at comfortable arm's

VISUALISATION DATA: VIEWPOINT 09 SUMMER

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VIEWPOINT 09 WINTER & VIEWPOINT 09 SUMMER SHEET 9 OF 11

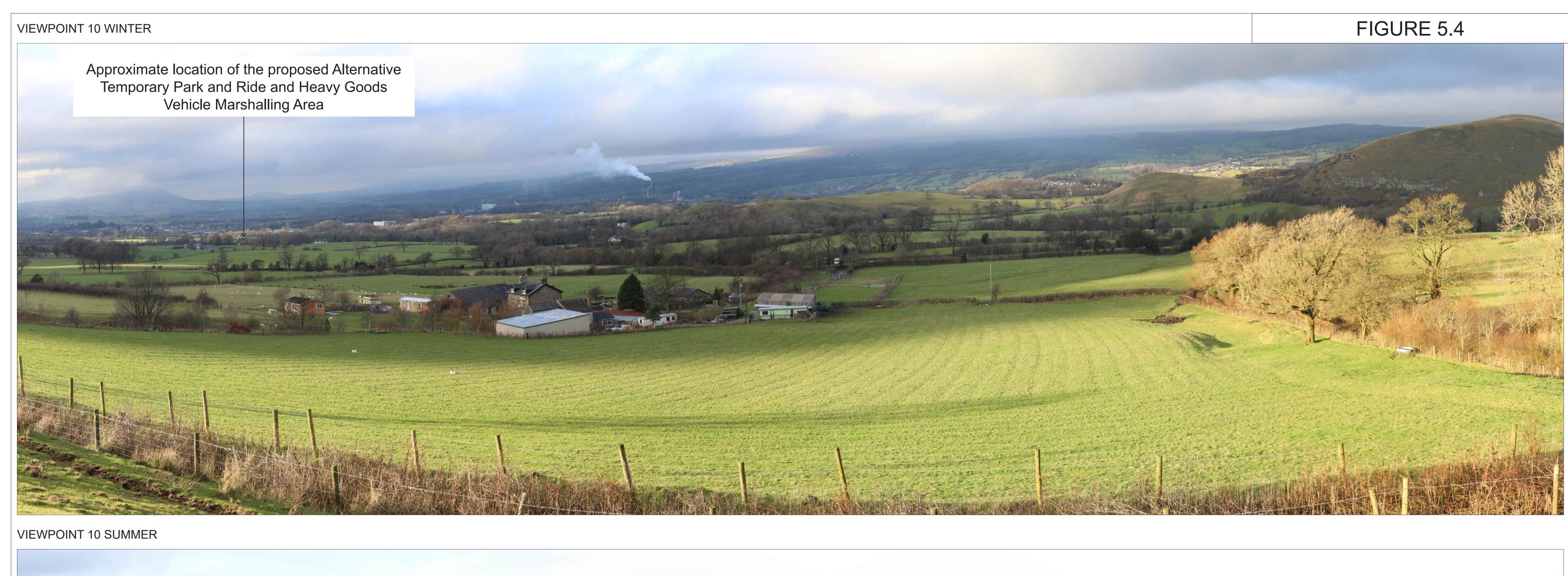
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RVBC-P&R-ES-5-5.4

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Initial Issue





VISUALISATION DATA: VIEWPOINT 10 SUMMER

SENSOR / LENS: FFS + Canon, 50mm FIELD OF VIEW: 90°(HFoV) x 27°(VFoV) DIRECTION OF VIEW: 280° from N

Notes: To be viewed at comfortable arm's

VISUALISATION TYPE: Type 1

CAMERA: Canon EOS 6D

ENLARGEMENT FACTOR: 96% @ A1 length.

SEASON: Summer

FIELD OF VIEW: 90°(HFoV) x 27°(VFoV)
DIRECTION OF VIEW: 280° from N
Notes: To be viewed at comfortable arm's

SZNOSTI Gaminis

DATE & TIME: 23/10/2024, 14:43
PROJECTION: Cylindrical
SHEET SIZE: A1

VIEWPOINT 10 WINTER & VIEWPOINT 10 SUMMER

SHEET 10 OF 11

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VISUALISATION DATA: VIEWPOINT 10 WINTER

SENSOR / LENS: FFS + Canon, 50mm

VISUALISATION TYPE: Type 1

PROJECTION: Cylindrical

DATE & TIME: 12/12/2024, 12:59

ENLARGEMENT FACTOR: 96% @ A1 length. CAMERA: Canon EOS 6D Mark II

SEASON: Winter

SHEET SIZE: A1

CHKD REVD REASON FOR ISSUE

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VIEWPOINT 11 SUMMER



VERSION AUTH CHKD REVD REASON FOR ISSUE

VISUALISATION TYPE: Type 1 SEASON: Winter DATE & TIME: 12/12/2024, 12:08 PROJECTION: Cylindrical SHEET SIZE: A1 © Copyright 2024 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party. ENLARGEMENT FACTOR: 96% @ A1 length. CAMERA: Canon EOS 6D Mark II

SENSOR / LENS: FFS + Canon, 50mm FIELD OF VIEW: 90°(HFoV) x 27°(VFoV) | DATE & TIME: 23/10/2024, 12:47 DIRECTION OF VIEW: 350° from N Notes: To be viewed at comfortable arm's | SHEET SIZE: A1

VISUALISATION DATA: VIEWPOINT 11 WINTER

VISUALISATION DATA: VIEWPOINT 11 SUMMER VISUALISATION TYPE: Type 1 SEASON: Summer PROJECTION: Cylindrical ENLARGEMENT FACTOR: 96% @ A1 length. CAMERA: Canon EOS 6D

SENSOR / LENS: FFS + Canon, 50mm FIELD OF VIEW: 90°(HFoV) x 27°(VFoV) DIRECTION OF VIEW: 350° from N Notes: To be viewed at comfortable arm's

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VIEWPOINT 11 WINTER & VIEWPOINT 11 SUMMER **SHEET 11 OF 11**

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