DRAFT UNDER REVISION



Tekapo/Takapō Lakefront Minor Improvements

DOCUMENT DESCRIPTION	N: LANDSCAPE DRAWING SET DRAFT TENDER	
PROJECT ADDRESS:	Tekapo/Takapō Canterbury New Zealand	
CLIENT:	MACKENZIE DISTRICT COUNCIL	
CLIENT ADDRESS:	Market Place Service Agency TWIZEL 7944	
LANDSCAPE ARCHITECTS	S:	Level 1 141 Cambridge Terrace Christchurch 8013 PO Box 110, Christchurch 8140 New Zealand Tel: +64 3 366 8891 www.boffamiskell.co.nz

100 - Preliminary and General

100 Cover Sheet

110 Key Sheet

200 - General Arrangement Plans

200 General Arrangement Layout

201 Project One - General Arrangement 01 & 02202 Project One - General Arrangement 03 & 04

203 Project One - General Arrangement 05 & 06

204 Project Two - General Arrangement 01

205 Project Two - General Arrangement 02

206 Project Two - General Arrangement 03

207 Project Two - General Arrangement 04 & 05208 Project Two - General Arrangement 06 & 07

209 Project Two - General Arrangement 08 & 09

210 Project Two - General Arrangement 10

211 Project Three - General Arrangement

400 - Details

401 Paving and Furniture Details

402 Planting Details

This graphic has been prepared by Boffa Miskell Limited on the specific instructions of our Client. It is solely for our Client or any external sources, it has been assumed that it is accurate information provided by the Client or any external source. **GENERAL NOTES**

All drawings to be read in conjunction with the landscape specification.

Drawings not to be scaled, use dimensioned measurements only.

All dimensions to finished surface levels.

Use model for site set out. Set out to be checked and approved on site by the Landscape Architect.

All existing services shall be surveyed on site before excavation.

PAVING AND OTHER MATERIALS

Refer detail 03 sheet 401

P01 CONCRETE PATHWAY

125mm thick reinforced concrete pathway on 100mm basecourse. Refer detail 01 sheet 401

P02 REINFORCED VEHICULAR CONCRETE

175mm thick reinforced concrete pathway on 150mm basecourse. Refer detail 02 sheet 401

P03 NEW COMPACTED GRAVEL PATHWAY (WITH EXCAVATION)

50mm thick compacted 10mm aggregate mixed with crusher dust on 150mm basecourse.

P04 NEW COMPACTED GRAVEL PATHWAY TOP (ON EXISTING BASE)

50mm thick compacted 10mm aggregate mixed with crusher dust on 150mm basecourse. Refer detail 03 sheet 401

FURNITURE

F01 LOCALLY SOURCED BOULDER IN GARDEN BED

400 - 900mm diameter smooth round rock $\frac{1}{3}$ in ground, set on concrete footing. Refer detail 03 sheet 401

F02 LOCALLY SOURCED BOULDER IN SEEDED LAWN

400 - 900mm diameter smooth round rock $\frac{1}{3}$ in ground, set on concrete footing. Refer detail 04 sheet 401

F03 LOCALLY SOURCED BOULDER IN COMPACTED GRAVEL

400 - 900mm diameter smooth round rock $\frac{1}{3}$ in ground, set on concrete footing at 1.8m intervals to prevent vehicle access. Refer detail 05 sheet 401

F04 TIMBER PICNIC TABLE

Standard timber picnic table.

F05 TIMBER WHEELSTOP

100x200mm hardwood timber wheelstop set in 300x300x400mm concrete foundations at 1010mm centres. Refer detail 06 sheet 401

VEGETATION

V01 GARDEN BED

New garden bed areas including all ground preparation, excavation, deep ripping, 300mm depth soil mix, cultivation and mulch. Refer detail 06 sheet 401

V02 SEEDED LAWN

Seeded lawn over 100mm consolidated depth topsoil. Refer detail 07 sheet 401

V03 TREE PIT IN SEEDED LAWN

1000 x 1000mm tree pit over 200mm backfill (50% compost and topsoil). Refer detail 03 sheet 402

V04 TREE PIT IN GARDEN BED

1000 x 1000mm tree pit over 200mm backfill (50% compost and topsoil). Refer detail 04 sheet 402

ORIGINAL IN COLOUR

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NOTES

KEY CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

PRIOR TO COMMENCING WORK;

REV DATE DESCRIPTION A 24.11.21 DRAFT TENDER APPRV'D

Mackenzie District Council

DRAFT TENDER

Tekapo/Takapō Lakefront Minor Improvements

KEY SHEET

Design KCh Drawn SEu Check MBr

24.11.21

REVISION

DRAWING NO. BM210169-110



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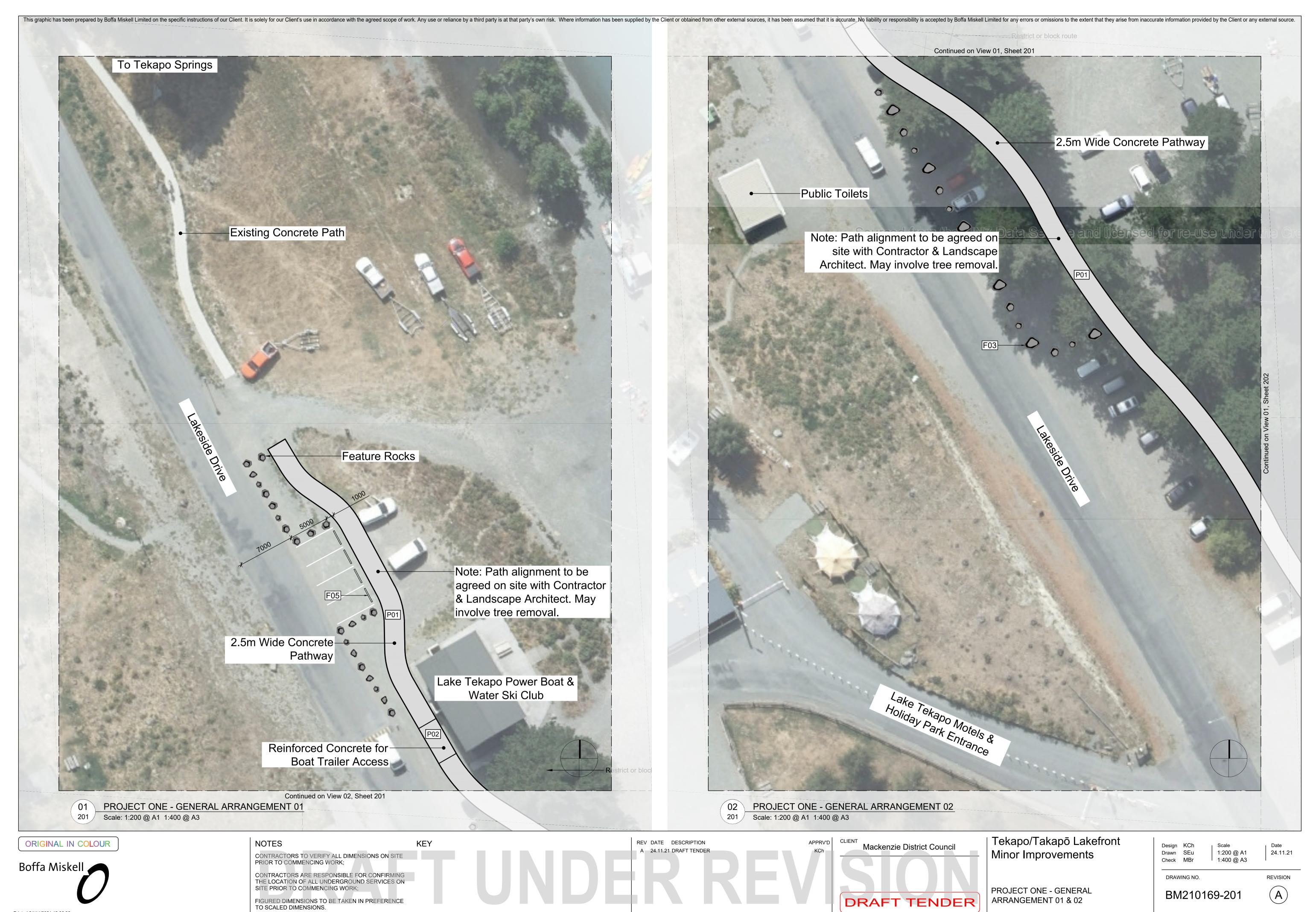
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GENERAL ARRANGEMENT LAYOUT

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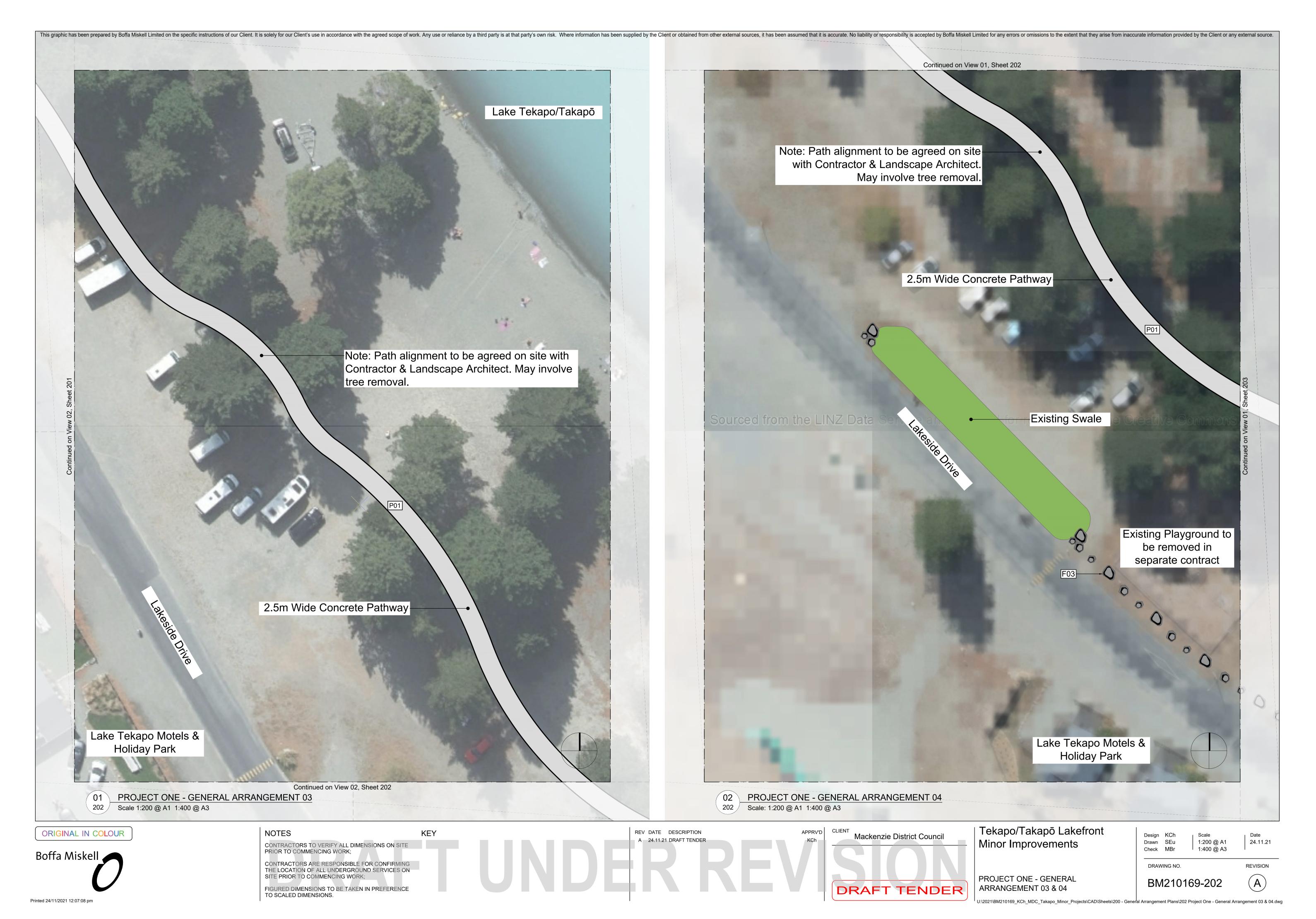
REVISION BM210169-200

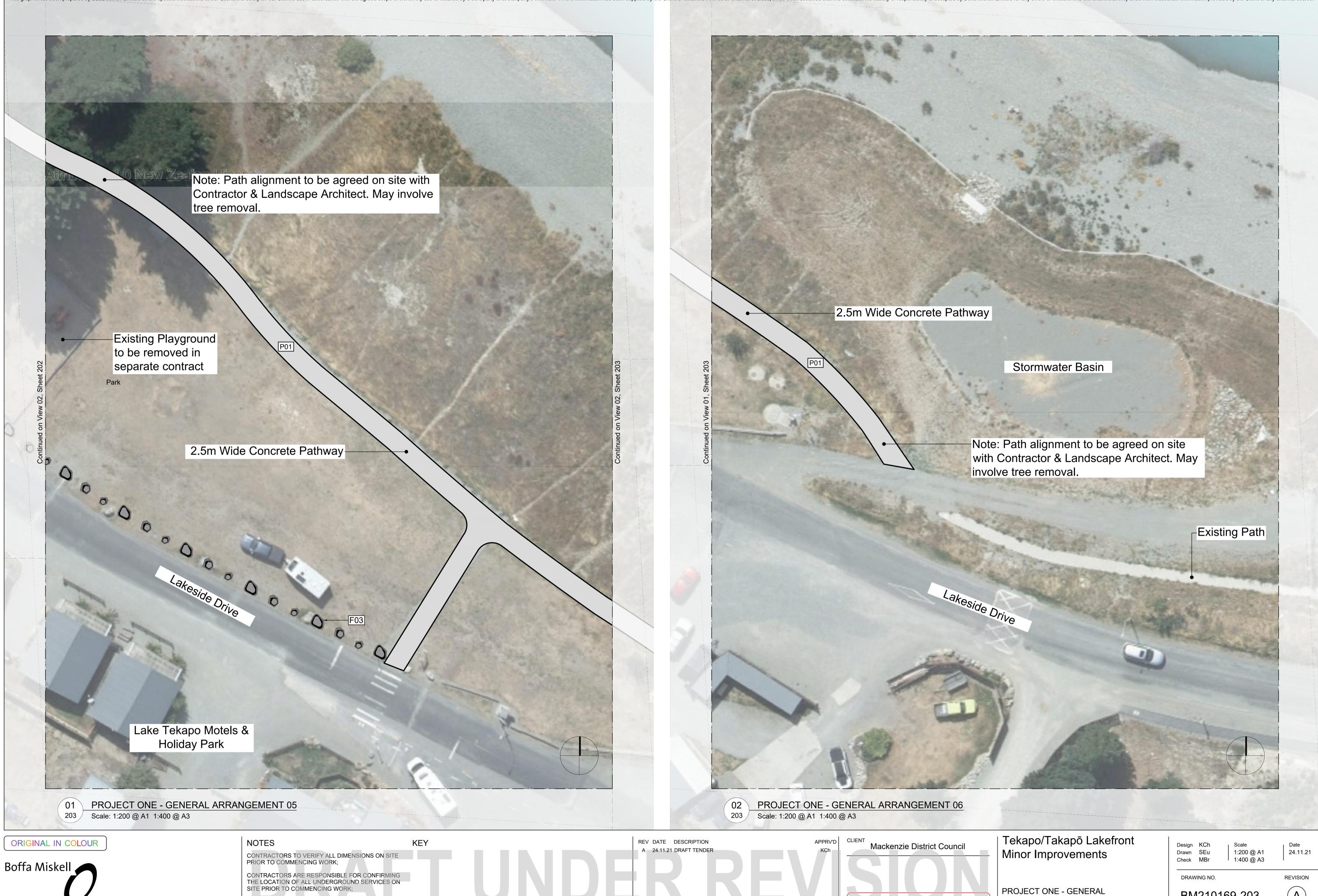
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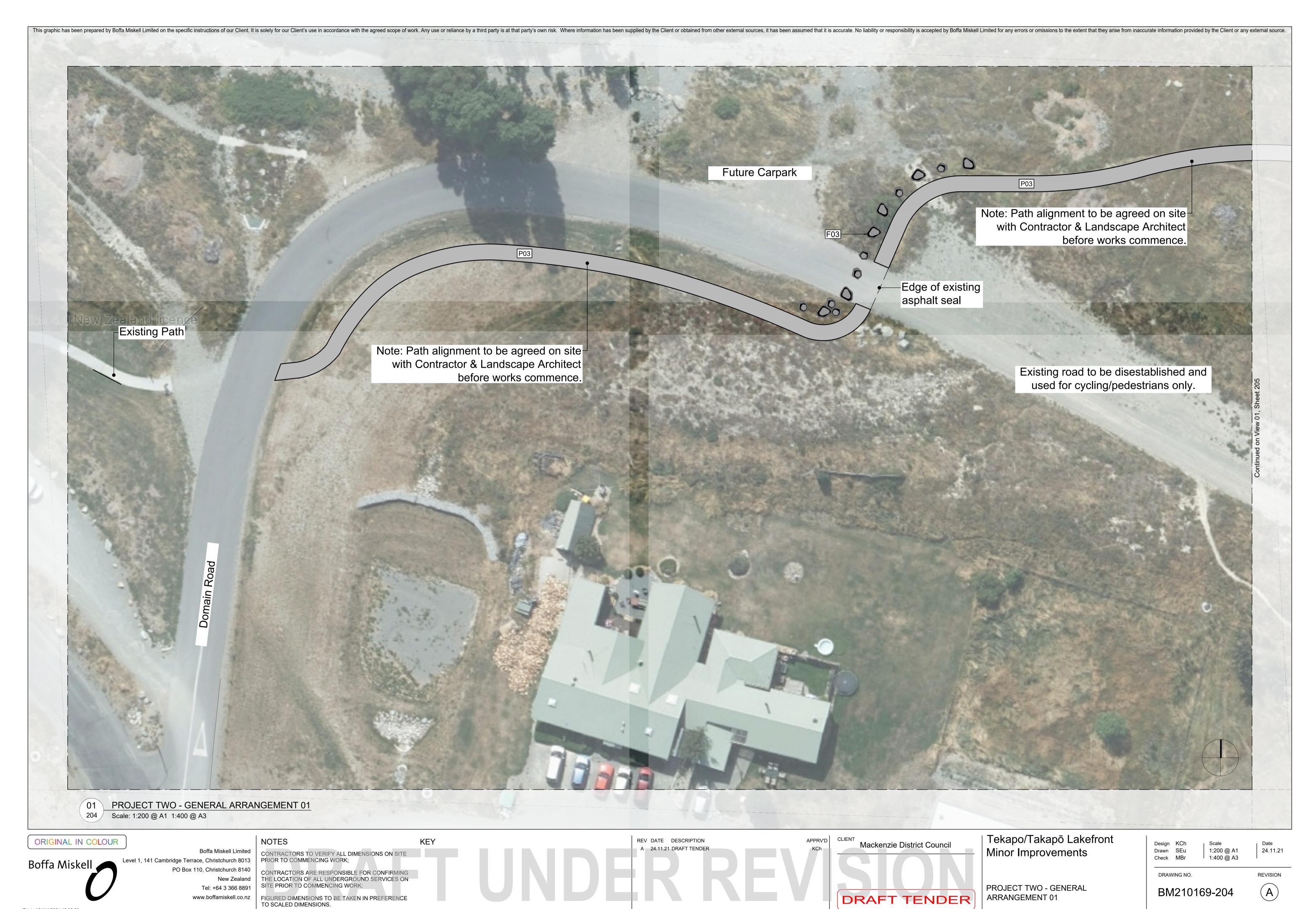
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ARRANGEMENT 05 & 06



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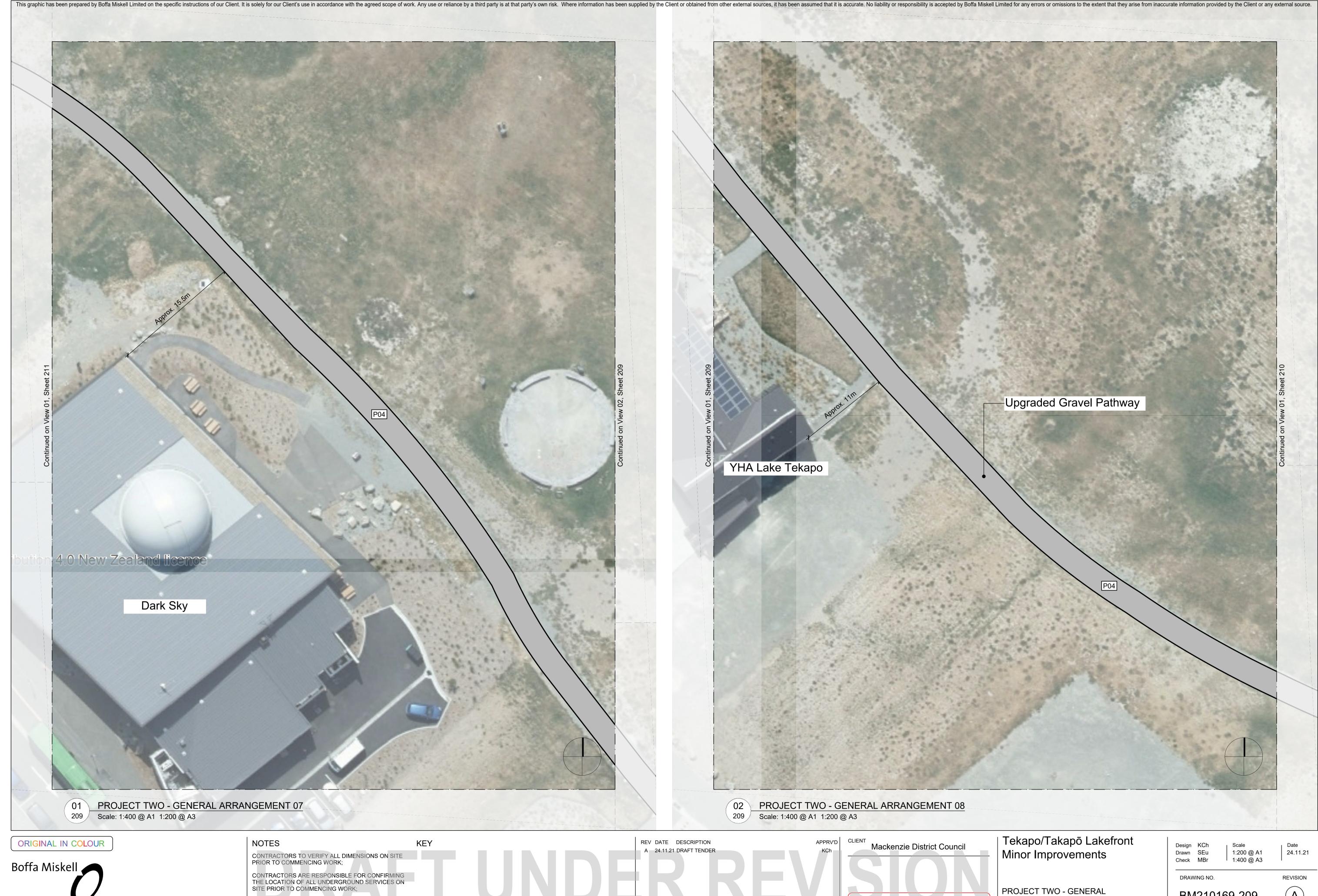
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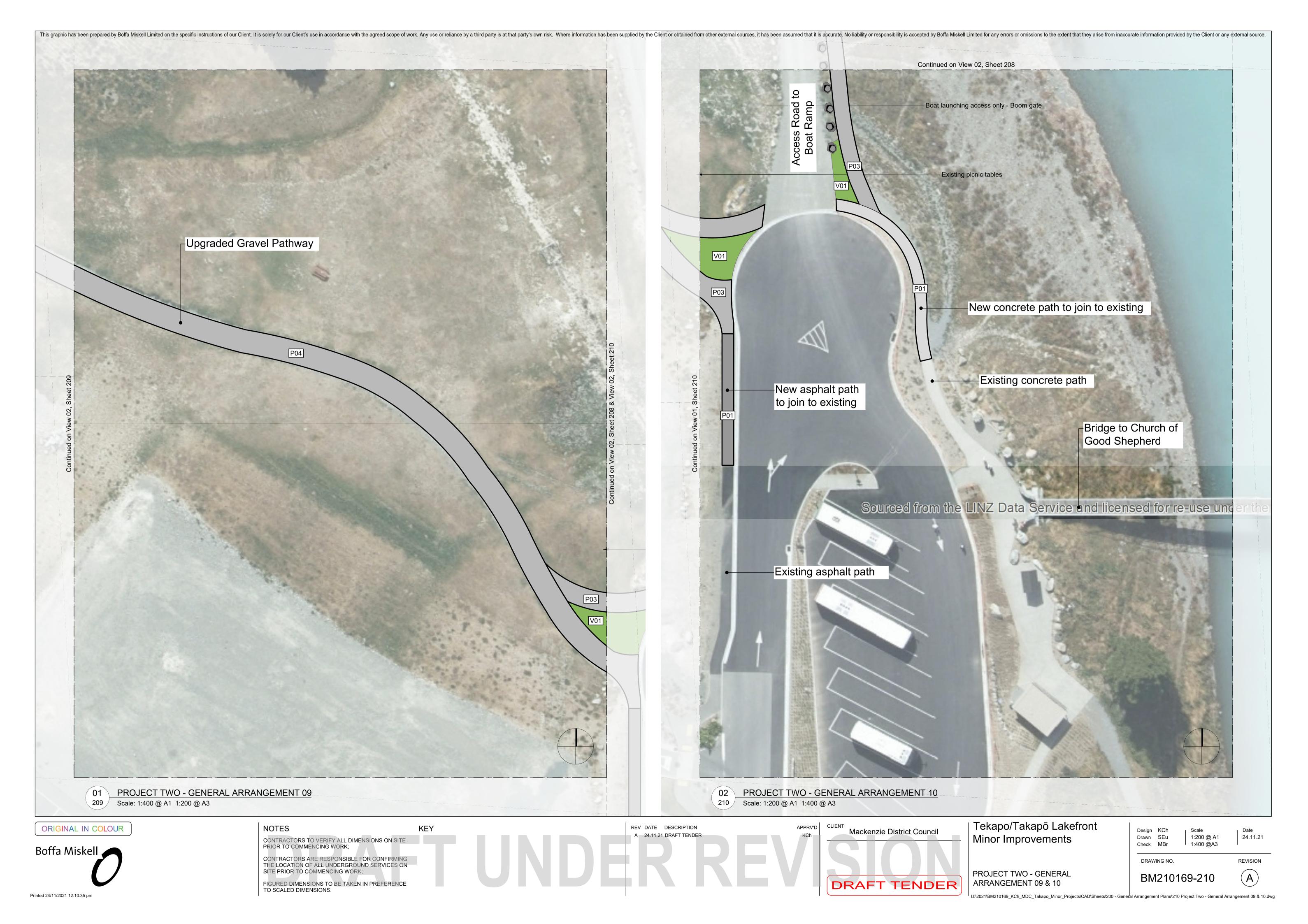
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ARRANGEMENT 07 & 08

DRAFT TENDER

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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.





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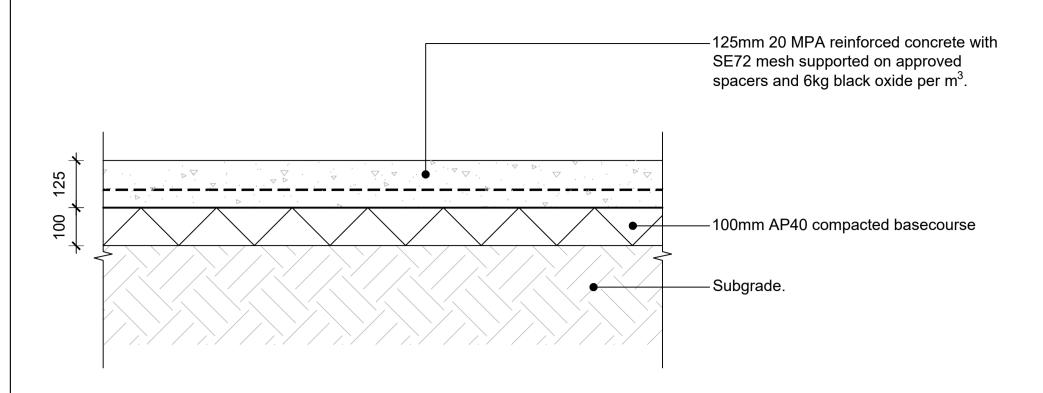
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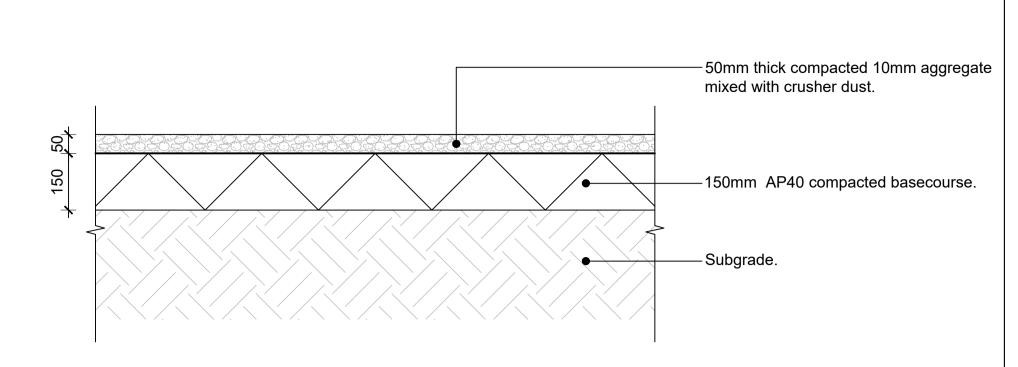
PROJECT THREE - GENERAL ARRANGEMENT

BM210169-211

 (A)



-175mm 35 MPA concrete with 6kg black oxide per m³. —1 layer of SE72 mesh reinforcement placed with 50mm cover. Damp proof membrane. -150mm AP40 compacted basecourse – Subgrade.



P01 - CONCRETE - TYPICAL SECTION Scale: 1:10 @ A1 1:20 @ A3

round rocks, $\frac{1}{3}$ in ground, set on concrete footing. Remove any sharp edges to reduce injury potential. -Compacted AP40

04 F01 - LOCALLY SOURCED BOULDER IN GARDEN BED

Scale: 1:10 @ A1 1:20 @ A3

- 400mm - 900mm dia smooth

Local boulders, $\frac{1}{3}$ in ground. Remove any sharp edges to reduce injury potential. min 800mm across -50mm thick compacted 10mm aggregate mixed with crusher dust.

Scale: 1:10 @ A1 1:20 @ A3

P02 - REINFORCED VEHICULAR CONCRETE - TYPICAL SECTION

- 200mm AP40 compacted basecourse. Subgrade. — Compacted AP40.

P03 - COMPACTED GRAVEL - TYPICAL SECTION Scale: 1:10 @ A1 1:20 @ A3

200 -200x100 hardwood timber wheelstop. -150x30mm H4 treated timber spacer. 30,100 Existing gravel carpark. -400mm HDG M12 threaded rod, epoxy fix into concrete foundation. Fix to wheelstop with nut and washer. Rod to finish 10mm below top face of timber, burr thread after placement of nut. Fill with SikaFlex 11FC back. -300x300x400mm deep concrete foundation at 1010mm centres. 300

F02-F03 - LOCALLY SOURCED BOULDER IN SEEDED LAWN OR GRAVEL PATH Scale: 1:10 @ A1 1:20 @ A3

F05 - TIMBER WHEELSTOP Scale: 1:10 @ A1 1:20 @ A3

ORIGINAL IN COLOUR

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NOTES

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KEY

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Tekapo/Takapō Lakefront Minor Improvements

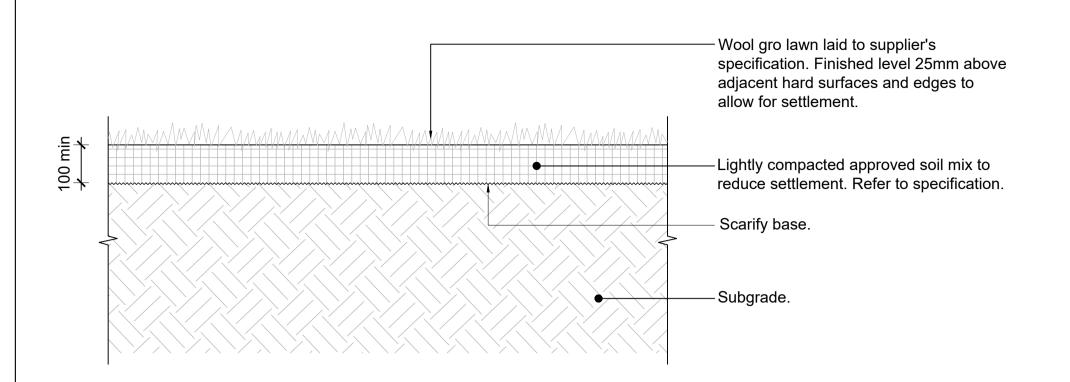
PAVING AND FURNITURE DETAILS

Design KCh Drawn SEu Check MBr

As Indicated 24.11.21

REVISION

DRAWING NO.



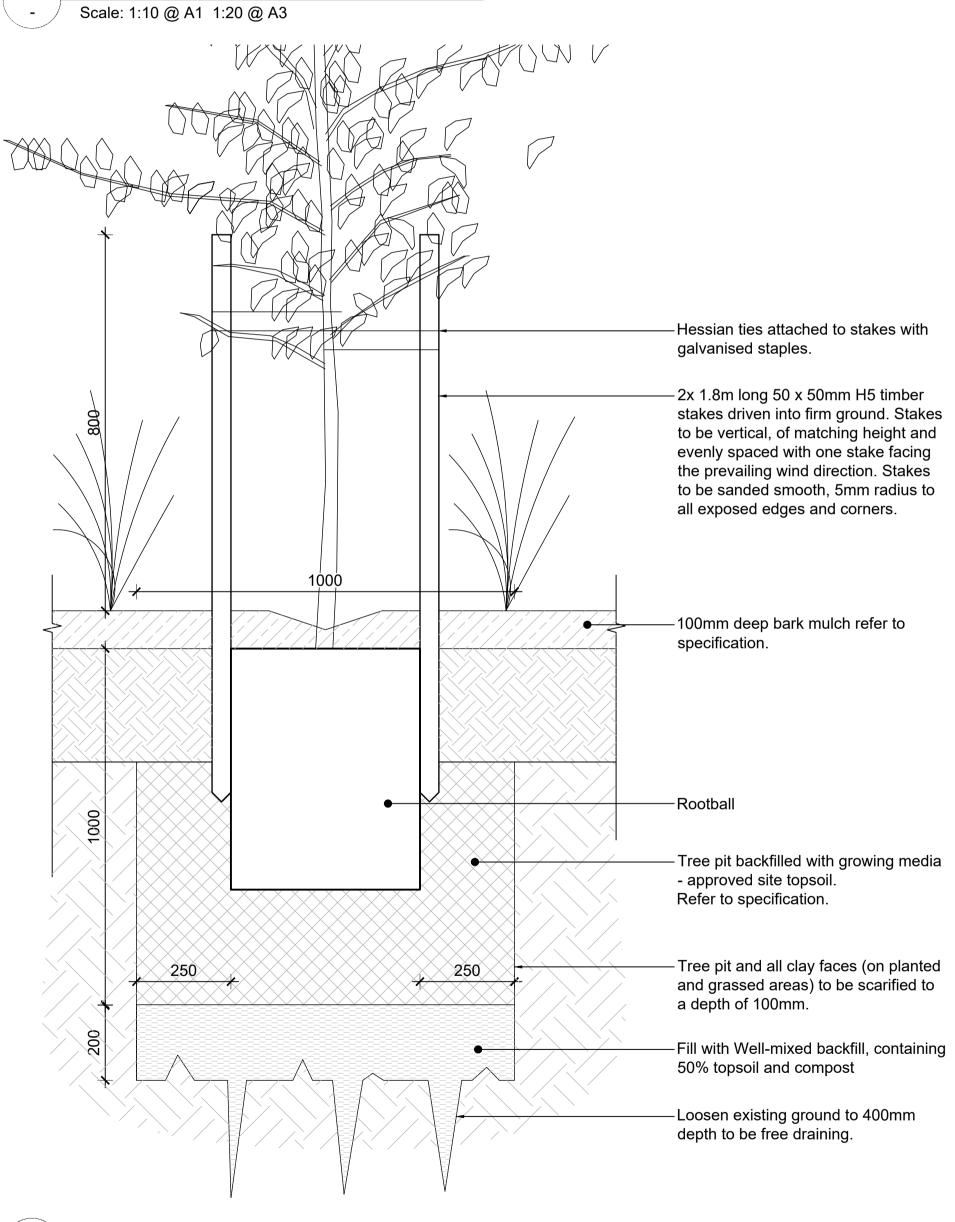
100mm deep wood chip mulch.

300mm deep layer of suitable on site topsoil. Supply additional topsoil as required.

01 V01 - SEEDED LAWN - TYPICAL SECTION Scale: 1:10 @ A1 1:20 @ A3

-Hessian ties attached to stakes with galvanised staples. -2x 1.8m long 50 x 50mm H5 timber stakes driven into firm ground. Stakes to be vertical, of matching height and evenly spaced with one stake facing the prevailing wind direction. Stakes to be sanded smooth, 5mm radius to all exposed edges and corners. -100mm deep bark mulch refer to specification. 1000 -Lightly compacted approved soil mix to reduce settlement. Refer to specification. Scarify base. -Rootball -Tree pit backfilled with growing media - approved site topsoil. Refer to specification. 250 Tree pit and all clay faces (on planted 250 and grassed areas) to be scarified to a depth of 100mm. -Fill with Well-mixed backfill, containing 50% topsoil and compost Loosen existing ground to 400mm depth to be free draining.

02 V02 - GARDEN BED - TYPICAL SECTION



04 V04 - TREE PIT IN GARDEN BED - TYPICAL SECTION
Scale: 1:10 @ A1 1:20 @ A3

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Scale: 1:10 @ A1 1:20 @ A3

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V03 - TREE PIT IN SEEDED LAWN - TYPICAL SECTION

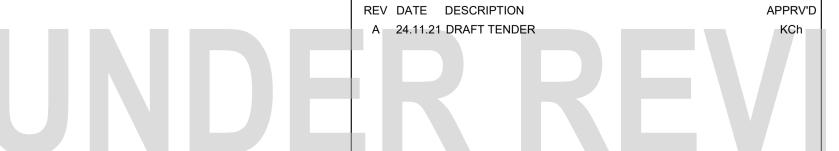
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Tekapo/Takapō Lakefront
Minor Improvements

PLANTING DETAILS

Design KCh
Drawn SEu
Check MBr

DRAWING NO.

BM210169-402

Date
24.11.21

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