

ASCE-A. Suchanski Consulting Engineers

Civil, structural, geotechnical and environmental engineering

PO Box 57, Punakaiki
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West Coast
New Zealand

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12 September 2024

Peter Savage
3021 State Highway 7
Matai
Ngahere 7872

email: pgsavagecontracting@gmail.com
Mobile: +64 27 436 0361

Dear Peter,

Professional Services - Peter Savage- RoW design for the proposed subdivision of Lot 1 DP 586583, 3021A State Highway 7, Matai, Ngahere, Grey.

As per our Engineering NZ based agreement dated **7 August 2024** the following documents have been emailed to you:


- A set of 5 - A3 size drawings for two (2) access ROW roads, Schedule 1A Certificate as per NZS4404, and Construction Monitoring Schedule (CMS). These documents should be included with your application documents for the relevant Resource Consents.

We trust the above documents meet your requirements. However, if you have any questions regarding them please contact the undersigned without hesitation.

Please ensure the site visits by the writer are allowed for in the construction process as per our attached CMS.

We look forward to hearing from you in the near future.

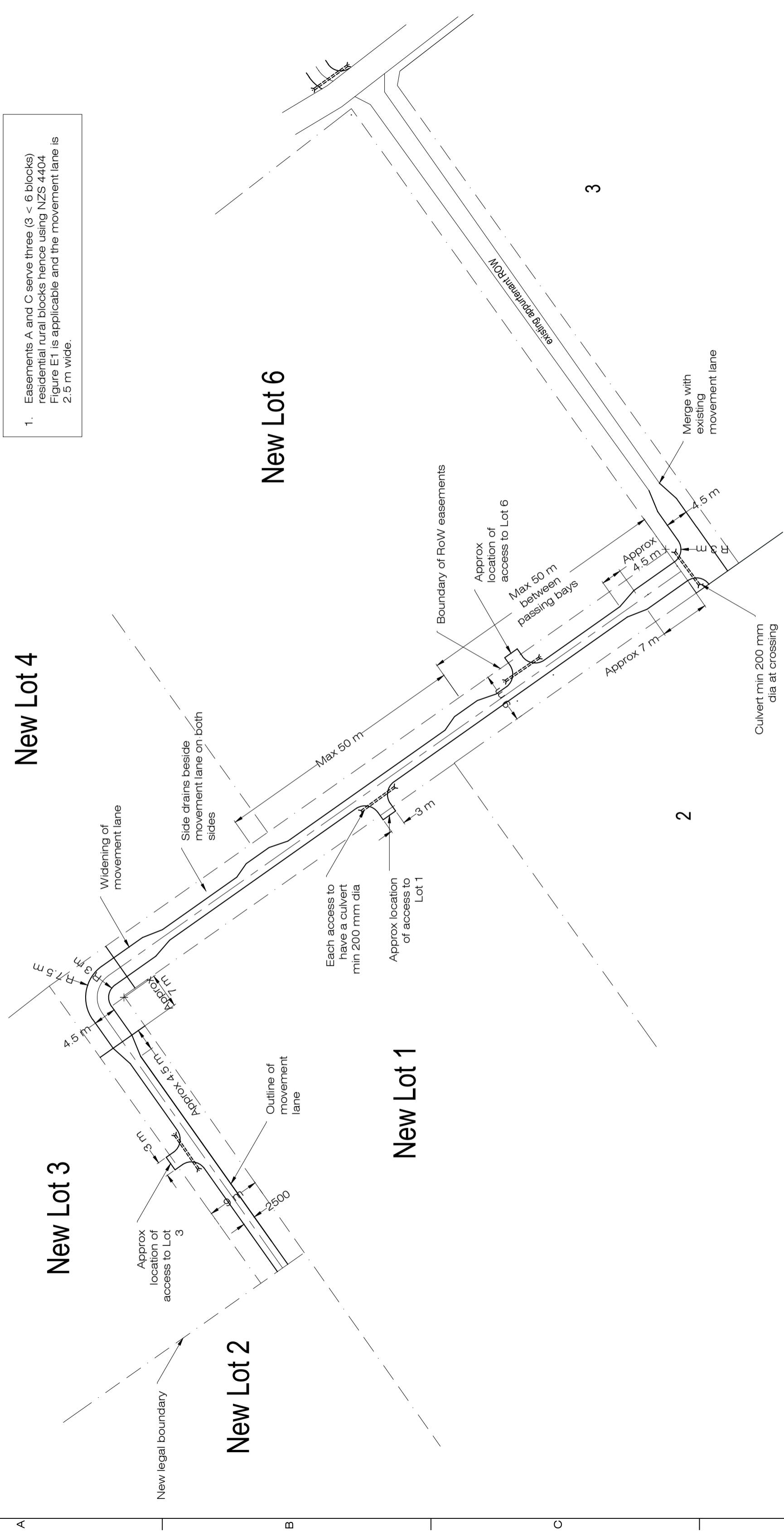
Yours sincerely,



Andrzej Suchanski
for ASCE

| | | | | | | | | | |
|--------|---------------|------|-----------|---|---|---|---|---|--|
| 1 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | |
| Rev no | Revision note | Date | Signature | | | | | | |
| 1 | - | - | | | | | | | |

1. Easements A and C serve three (3 < 6 blocks) residential rural blocks hence using NZS 4404 Figure E1 is applicable and the movement lane is 2.5 m wide.



Detail layout of new access drive (RoW) for easements A and C

1:750

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Title:
 Peter Savage - RoW design for 2 easements, for subdivision of Lot 1 DP 586583, 3021 SH 7, Matai, Ngahere, Grey District.
 Details of easements A and C

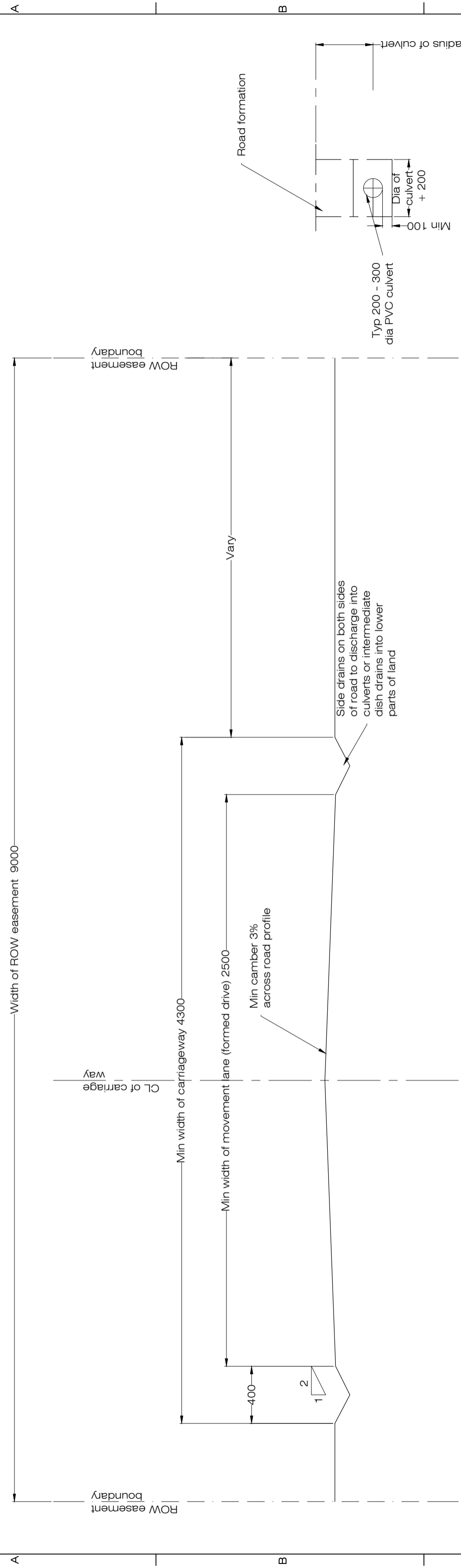
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Approved by:
 Signature: [Signature]
 Date: September 2024
 Job: 1160-Savage Matai Grey-0924
 File/Dwg no: 1160-Savage Matai Grey-0924-C02 R0
 Status: Approved for construction
 Scale: As shown on A3
 Sheet: 2 of 5
 Revision: R0

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| Rev no | Revision note | Date | Signature |
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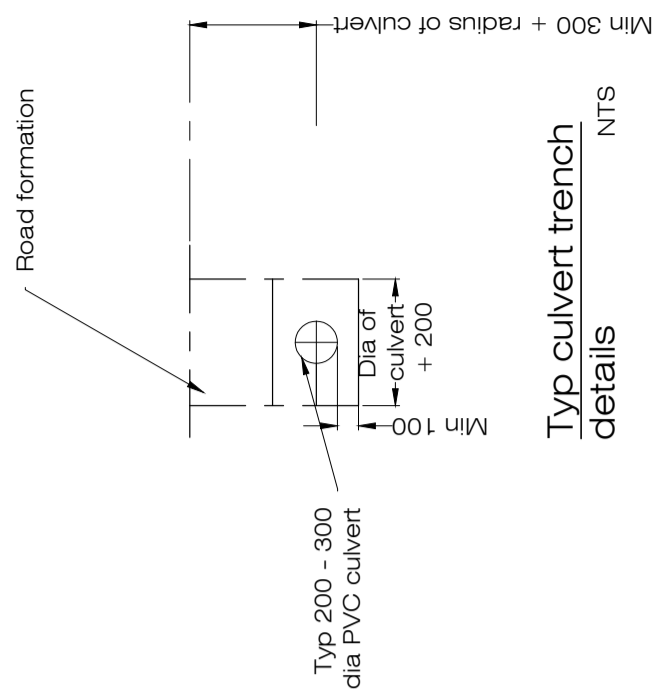
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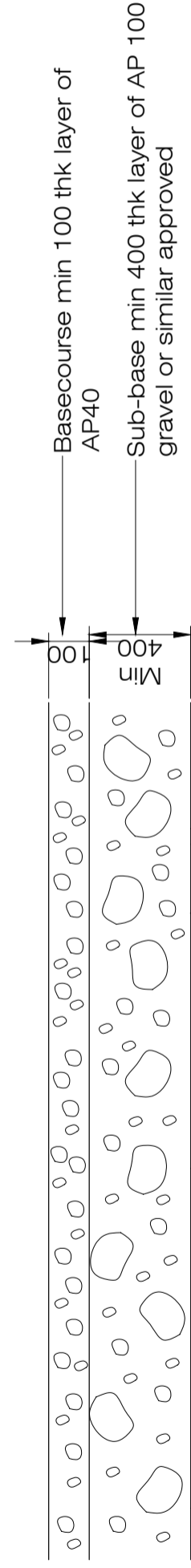
Typ carriage way profile
1:20

Typ culvert trench
NTS



NOTES:

- 1.0 All dimensions are in mm unless specified otherwise (USO).
- 2.0 Road materials and construction shall meet the following requirements of NZ TA (Former Transit NZ, their website: <http://www.nzta.govt.nz/resources/index.html>):
Bituminous seal (if required) M/1 and P/3
Basecourse: M/4 AP40
Sub-base: M/4 AP65 B/2
- 3.0 Contractor shall be responsible for setting out all dimensions.
- 4.0 Approval for construction by ASCE of any or all drawings in this set does not relinquish the Client from obtaining relevant consents from Territorial Authorities. Relevant consents must be granted prior to commencing any construction works.
- 5.0 All other materials shall be as per relevant Standards as listed in NZS 4404.
- 6.0 The construction works shall be certified by means of site observations and Producer Statement - Construction Review (PS4) by a suitably qualified Chartered Professional Engineer (CPEng).
- 7.0 The Contractor responsible for the works shall provide their Producer Statement - Construction (PS3) and any relevant documents and photos at the end of works.



Typ formed road section
1:10

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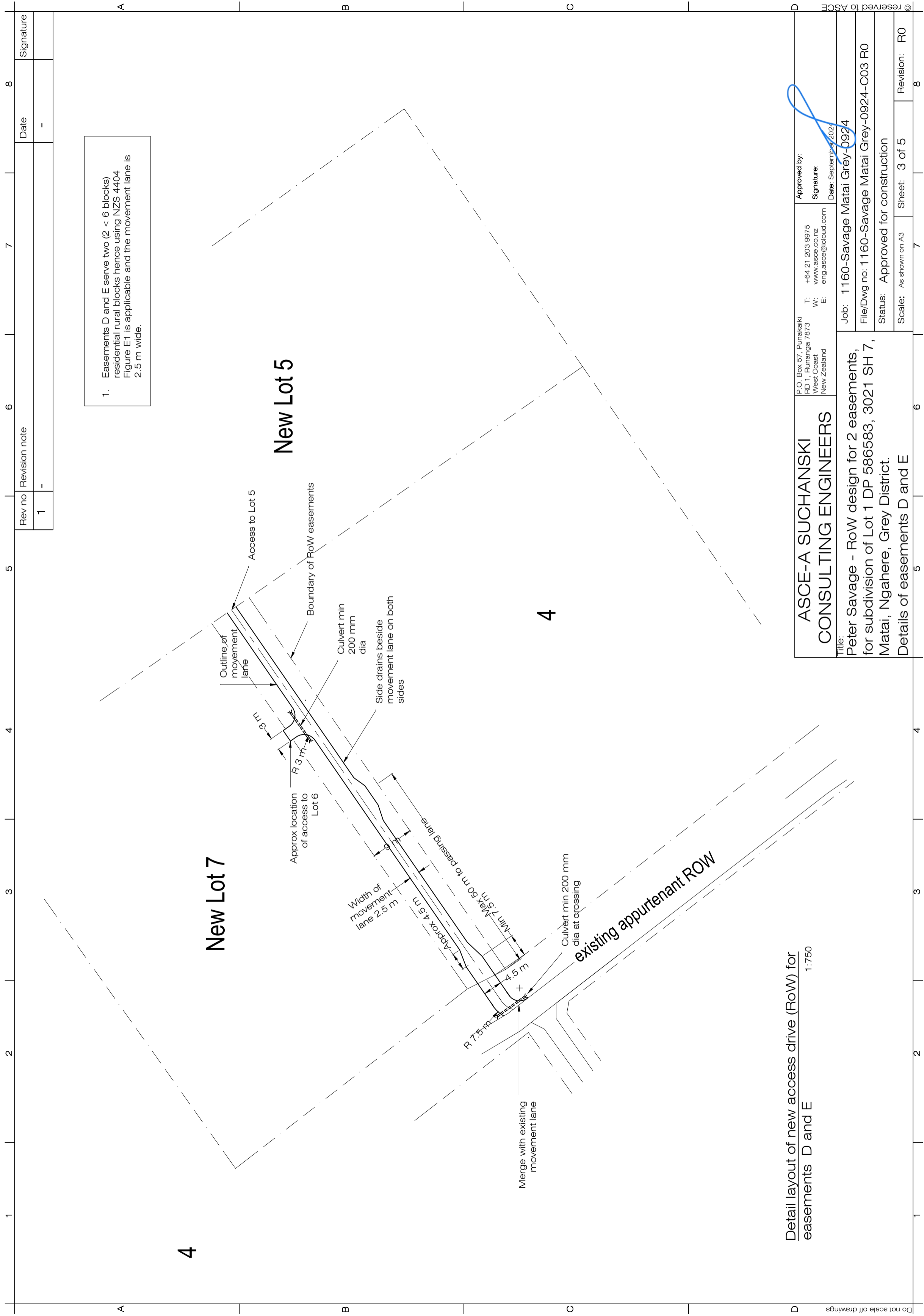
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Approved by:
Signature:
Date: September 2024

Title:
Peter Savage - Row design for 2 easements,
for subdivision of Lot 1 DP 586583, 3021 SH 7,
Matai, Ngahere, Grey District.
Typ Row details and specifications

Job: 1160-Savage Matai Grey-0924
File/Dwg no: 1160-Savage Matai Grey-0924-C04 R0
Status: Approved for construction
Scale: As shown on A3 Sheet: 4 of 5 Revision: R0



1. Easements D and E serve two (< 6 blocks) residential rural blocks hence using NZS 4404 Figure E1 is applicable and the movement lane is 2.5 m wide.

| Rev no | Revision note | Date | Signature |
|--------|---------------|------|-----------|
| 1 | - | - | |

Detail layout of new access drive (RoW) for easements D and E
 1:750

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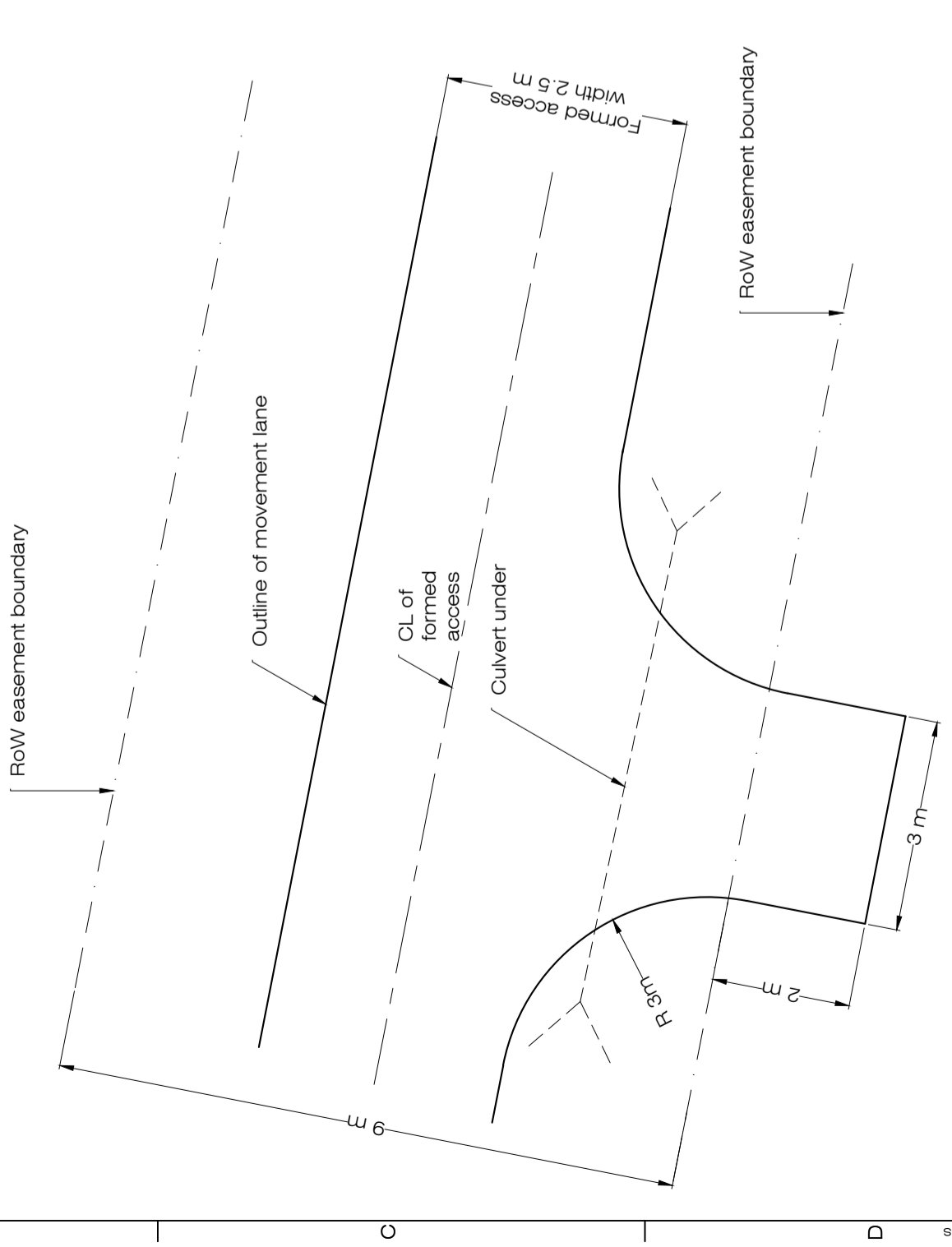
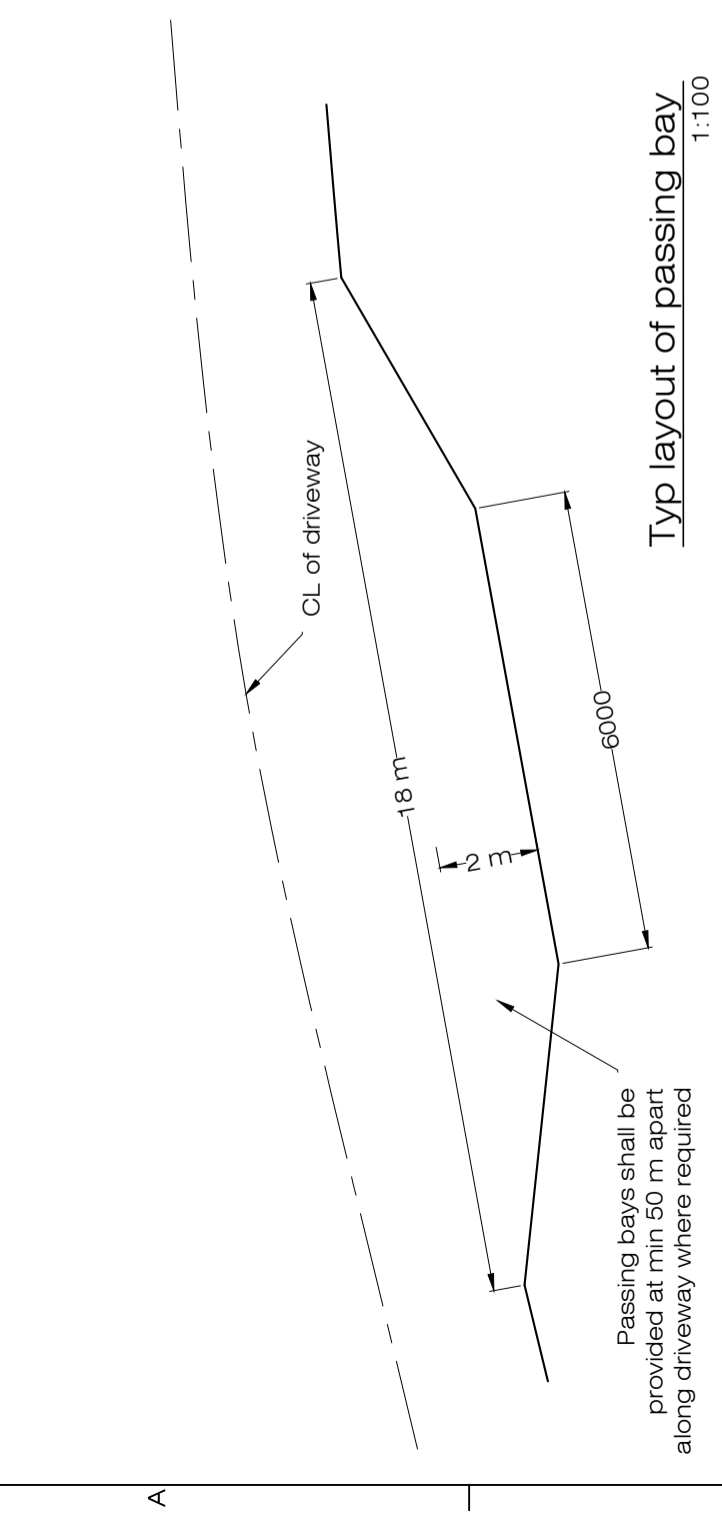
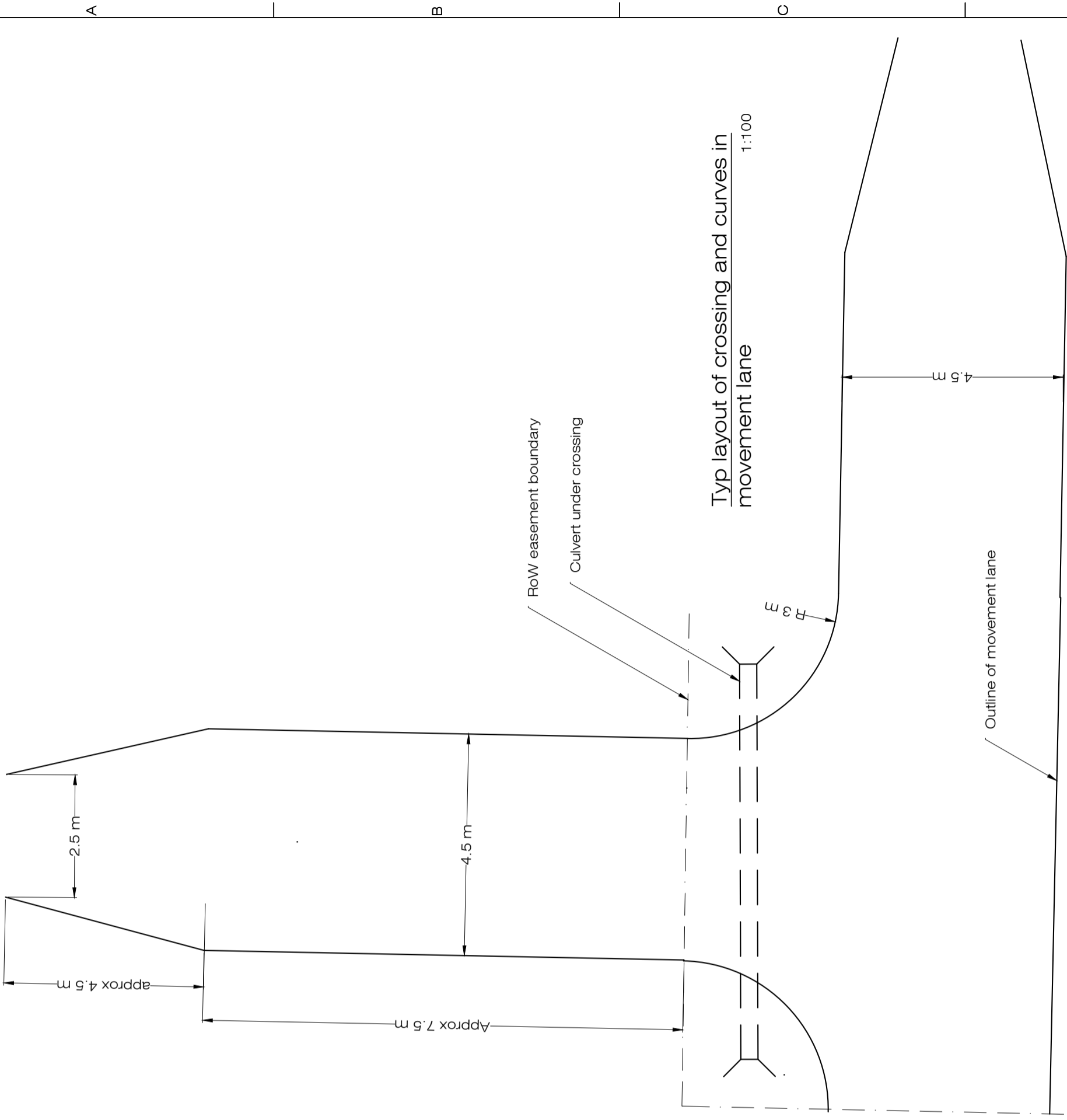
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Approved by:
 Signature:
 Date: September 2022

Title:
 Peter Savage - Row design for 2 easements, for subdivision of Lot 1 DP 586583, 3021 SH 7, Matai, Ngahere, Grey District.
 Details of easements D and E

Job: 1160-Savage Matai Grey-0924
 File/Dwg no: 1160-Savage Matai Grey-0924-C03 R0
 Status: Approved for construction
 Scale: As shown on A3 Sheet: 3 of 5 Revision: R0

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|---|---------------|---|
| 8 | Signature | |
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| 6 | Revision note | |
| 5 | Rev no | 1 |
| 4 | Revision note | - |
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| 2 | | |
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Approved by: [Signature]
Signature:
Date: September 2024

Job: 1160-Savage Matai Grey-0924
File/Dwg no: 1160-Savage Matai Grey-0924-C05 R0
Status: Approved for construction
Scale: As shown on A3 Sheet: 5 of 5 Revision: R0

Title:
Peter Savage - RoW design for 2 easements,
for subdivision of Lot 1 DP 586583, 3021 SH 7,
Matai, Ngahere, Grey District.
Typ RoW details

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12 September 2024

Construction Monitoring Schedule (CMS)

| | | |
|-------------------|--|--|
| To be supplied to | | Grey District Council (Building Consenting Authority (BCA)) |
| The Engineer | | Andrzej Suchanski (CPEng) of ASCE |
| Project | | Peter Savage- RoW design for the proposed subdivision of Lot 1 DP 586583, 3021A State Highway 7, Matai, Ngahere, Grey. |
| | | |

The Territorial Authority (TA) representative or, if requested in Building Consent, a suitably qualified Chartered Professional Engineer (CPEng) is to be contacted prior to the listed below stages of construction works for the TA's rep or Engineer to carry out site observations at Construction Monitoring (CM) 1 level with respect to parts of the works designed by ASCE:

| Construction works | Minimum number of site observations required | General description of inspection |
|---|---|--|
| Excavated accesses to subgrade before other gravel placed | 1 | To confirm compliance with our design. |
| Installed culverts | 1 | To confirm compliance with our design. |
| After formation of road and base course in place | 1 | To confirm compliance with our design. |
| Completed construction | 1 | To confirm compliance with our design |

Producer Statement Construction (PS 3) or any other relevant certificate and any relevant documents are required to be submitted by the Owner/Contractor at the end of the relevant works to the TA's rep or the Engineer with any other required by the specifications documents and digital photos of various stages of construction before the final site visit by the TA's rep or the Engineer.

The Owner/Contractor shall give the TA's rep or the Engineer a minimum 4 working days' notice before a required site visit.

This CMS Schedule is part of relevant set of drawings.