

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.
 9. Form of the new bridge to be agreed with the planning authority.

- Key to symbols**
- Limits of Deviation as defined in Description of Operations Report 345087_018
 - - - Existing ground profile
 - - - Proposed ground profile
 - Proposed backfill

Reference drawings
MMD-345087-C-DR-00-XX-8001 FPO GA Sheet 1 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P2	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P1	23/06/15	SS	Preliminary Issue	LC	SAK

Mott MacDonald

Mary House
16-18 Bank Street
Inverness, IV1 1GY
United Kingdom
T +44 (0)1463 239233
F +44 (0)1463 239234
W www.mottmac.com

Aberdeenshire COUNCIL

A

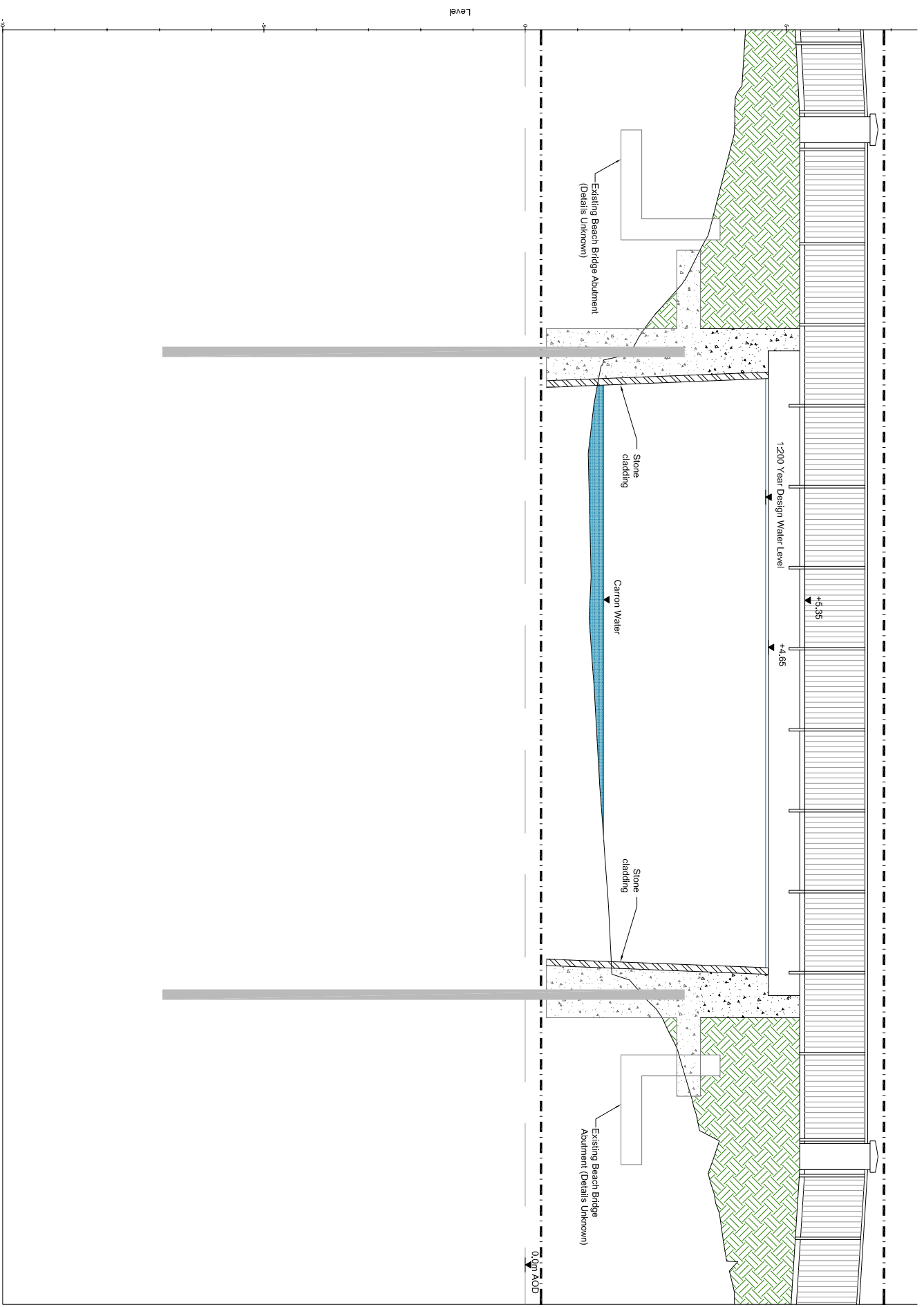
Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 1 of 26

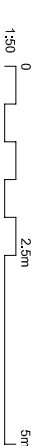
Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SAK	SAK

Scale at A1
1:50 PRE Rev P2 Security STD

Drawing Number
MMD-345087-C-DR-00-XX-8101



Section 1
1:50
8001



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8001 FPO GA Sheet 1 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR
Rev	Date	Drawn	Description	CHK'd	App'd



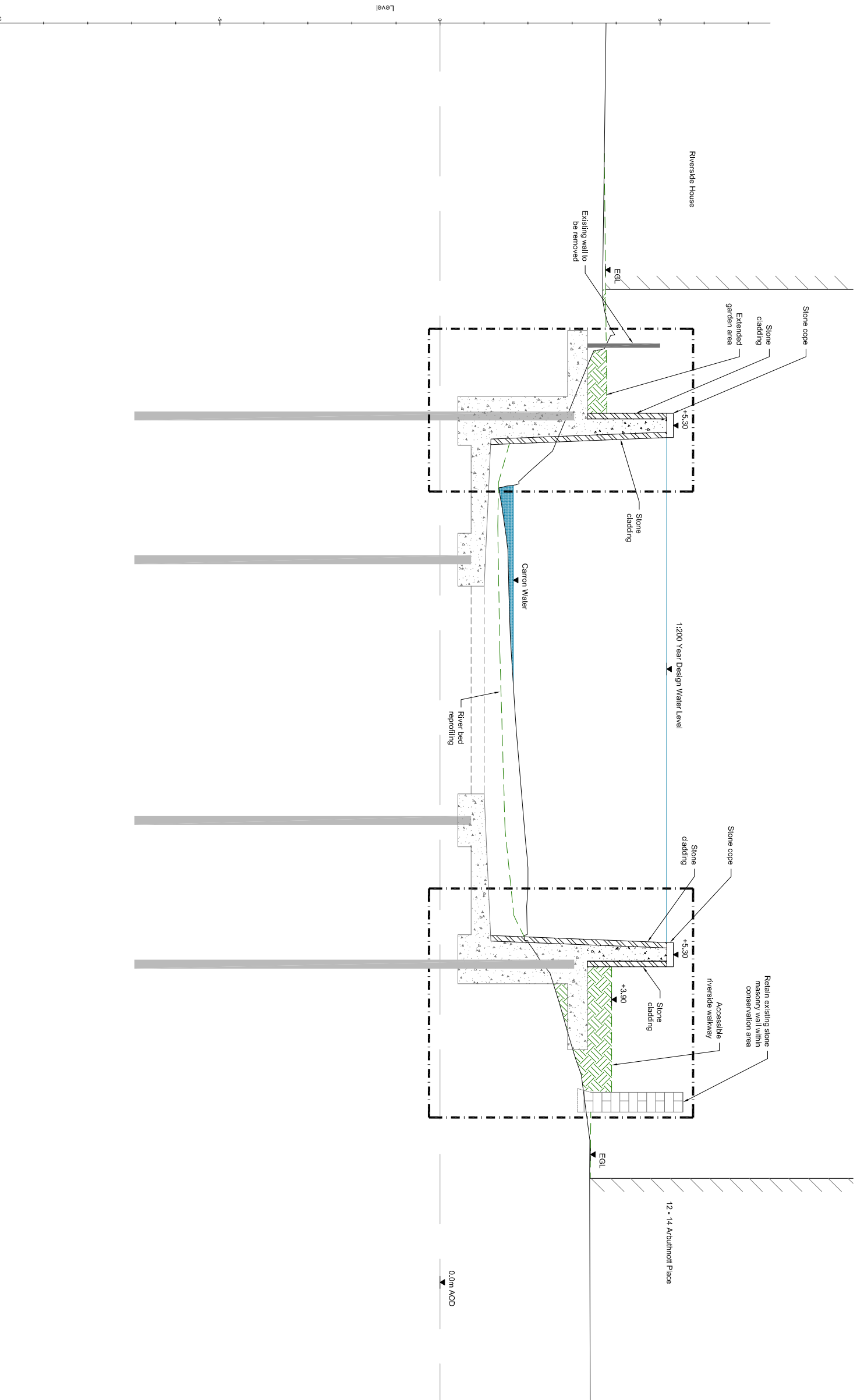
Mott MacDonald
 Mury House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 2 of 26

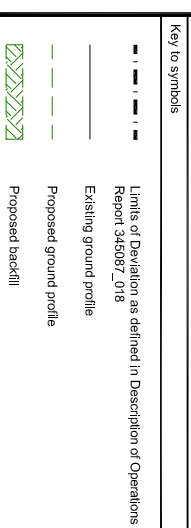
Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8102				STD



Section
 2
 8001

1:50 0 2.5m 5m

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.



Reference drawings
 MMD-345087-C-DR-00-XX-8001 FPO GA Sheet 1 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

Merry House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

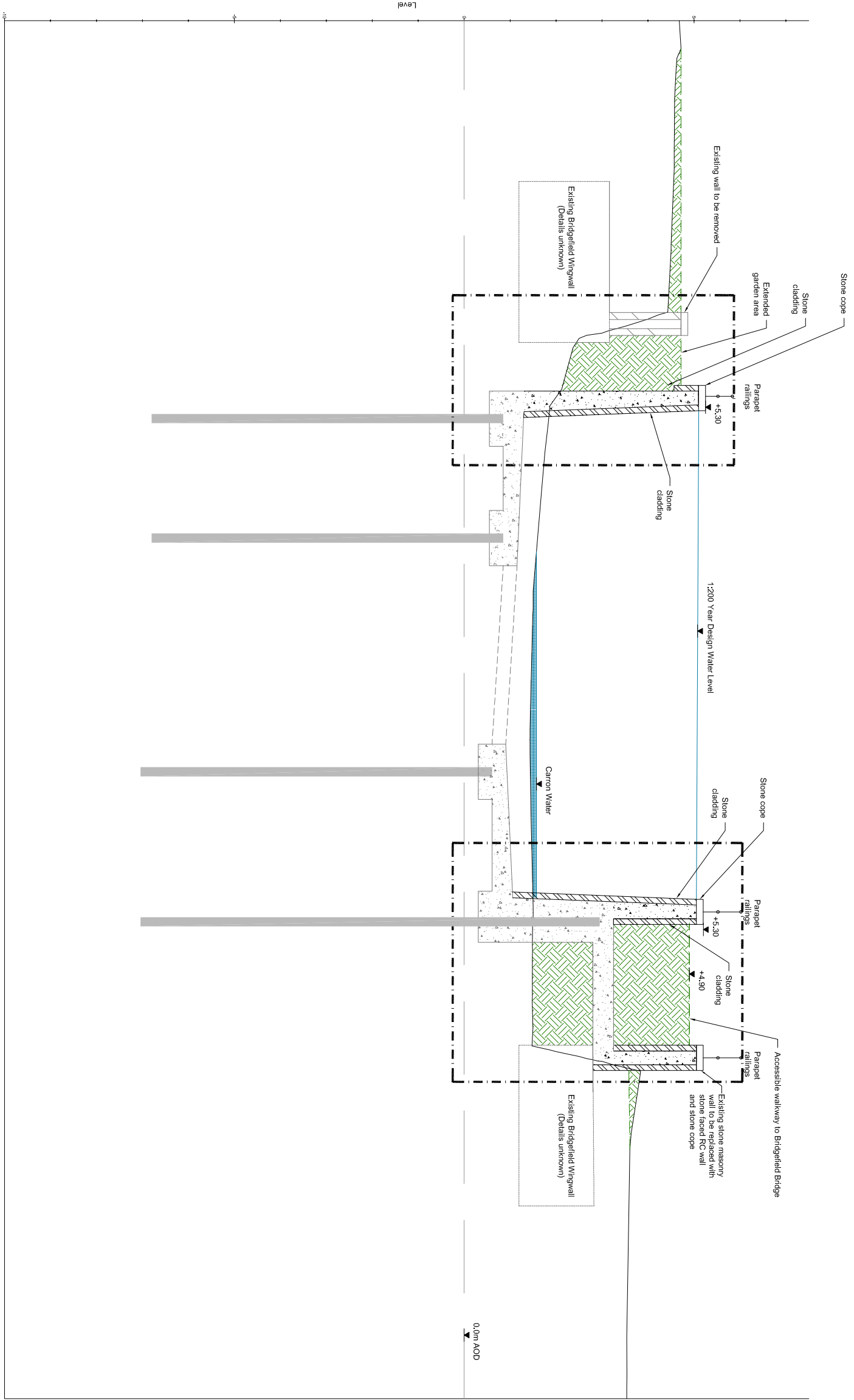
Sheet 3 of 26

Designated	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR

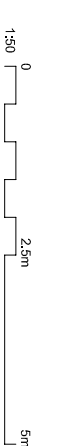
Scale at A1
1:50

Status	Rev	Sec'd	Sec'd
PRE	P3	STD	STD

Drawing Number
MMD-345087-C-DR-00-XX-8103



Section 3
 8001
 1:50



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 6. Operations along Carron, Water and Burn of Glaslaw identified within the operation, will incorporate appropriate backflow prevention measures.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operation, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8102 FPO GA Sheet 2 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR



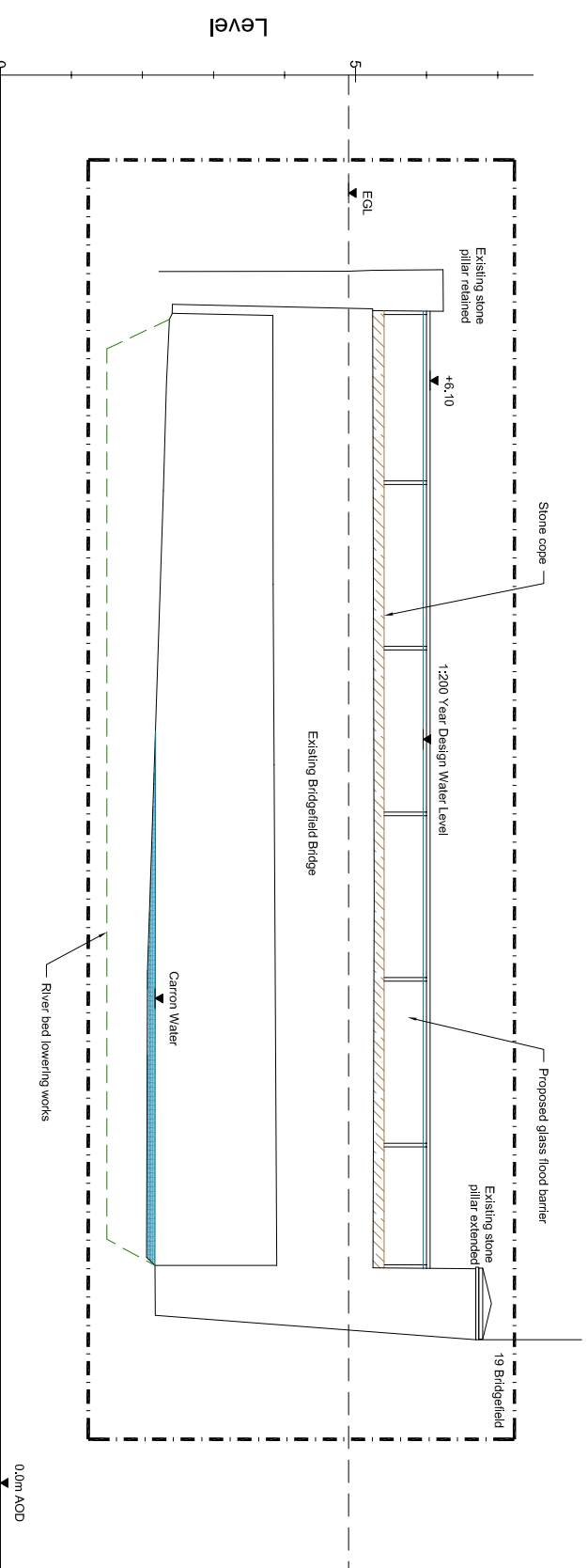
Mott MacDonald
 Mary House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



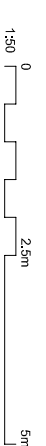
Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 4 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8104				STD



Section 4
 1:50
 8002



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operation, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8001 FPO GA Sheet 1 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR



Mott MacDonald
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



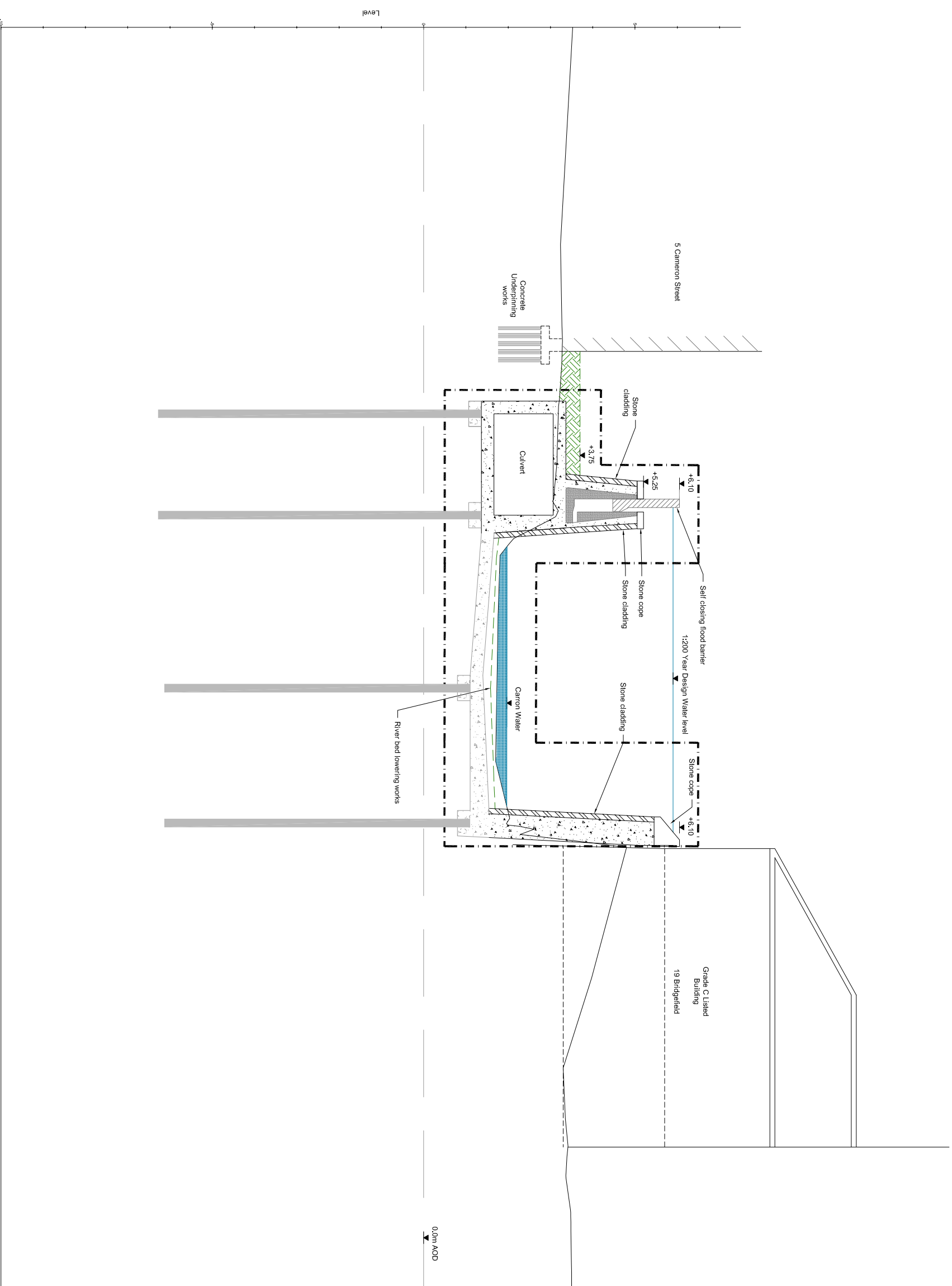
Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 5 of 26

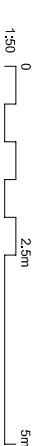
Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR

Scale at A1
 1:50 PRE Rev P3 Security STD

Drawing Number
 MMD-345087-C-DR-00-XX-8105



Section 5
 1:50
 8002



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding as necessary, to construct the scheme.
 6. Operations along Carron Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- - - Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8002 FPO GA Sheet 2 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR
Rev	Date	Drawn	Description	CHK'd	App'd

Mott MacDonald

Mary House
16-18 Bank Street
Inverness, IV1 1GY
United Kingdom
T +44 (0)1463 236233
F +44 (0)1463 236234
W www.mottmac.com

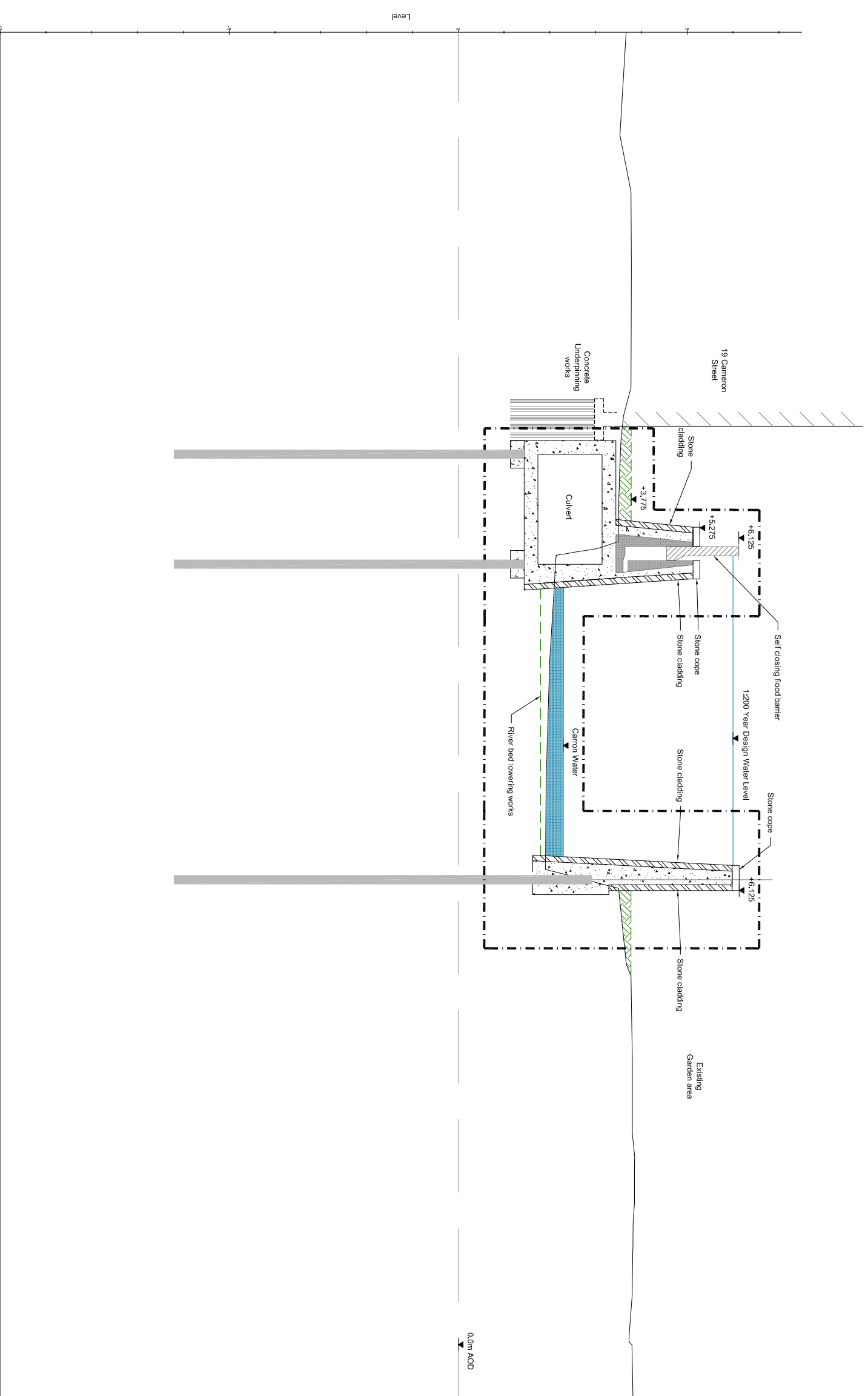


Title

Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 6 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8106				STD



Section 6
1:50
8002

1:50
0
2.5m
5m

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations
- Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8102 FPO GA Sheet 2 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

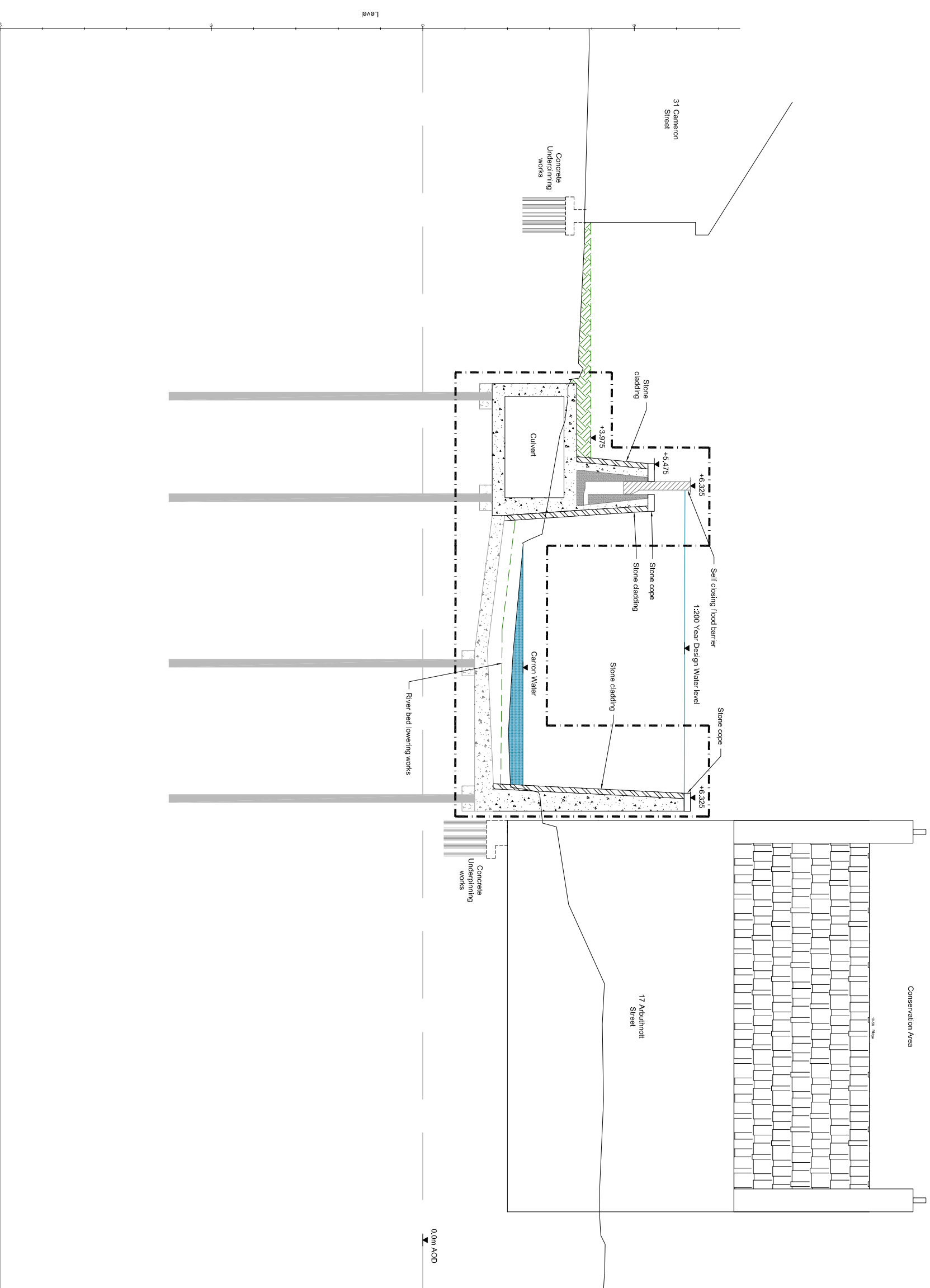
Mary House
16-18 Bank Street
Inverness, IV1 1GY
United Kingdom
T +44 (0)1463 236233
F +44 (0)1463 236234
W www.mottmac.com

Aberdeenshire COUNCIL

Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 7 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8107				STD



Section 7
1:50
8002

1:50 0 2.5m 5m

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8002 FPO GA Sheet 2 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR



Mott MacDonald
 Mary House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com

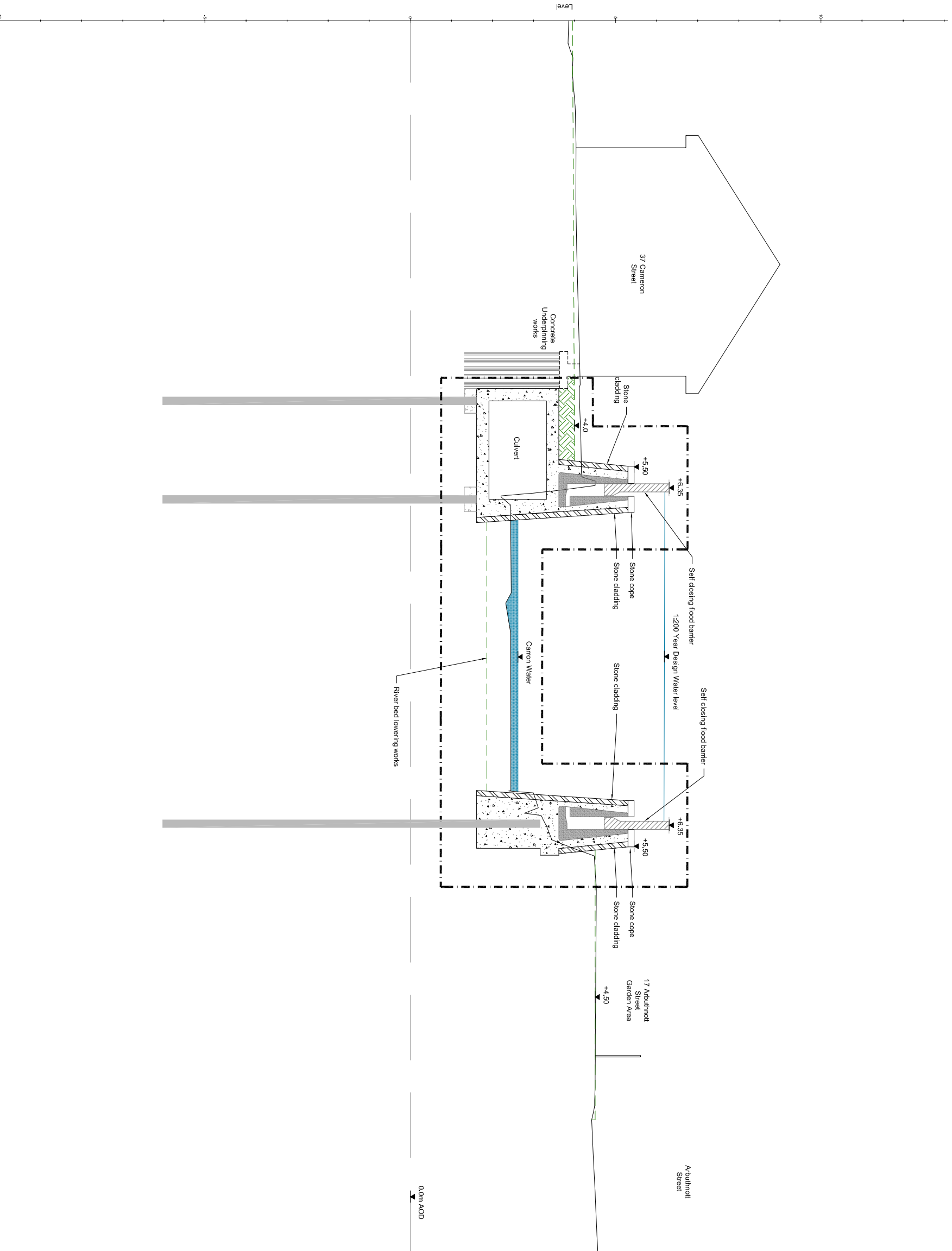


Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

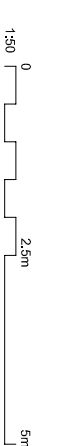
Sheet 8 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by STD

Drawing Number **MMD-345087-C-DR-00-XX-8108**



Section 8
 1:50
 8002



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding, as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glasgow will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glasgow identified within the operation, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8003 FPO GA Sheet 3 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

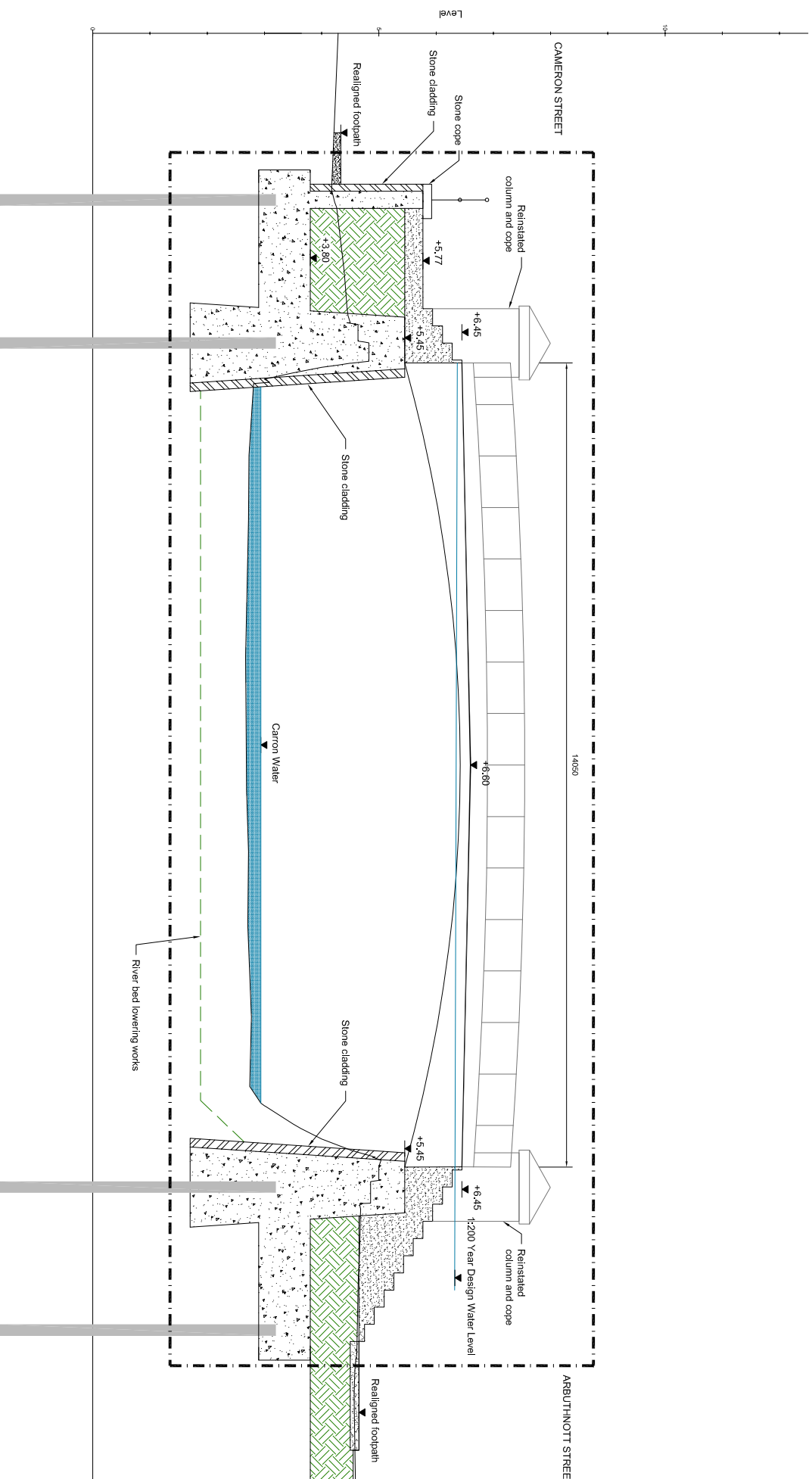


Title

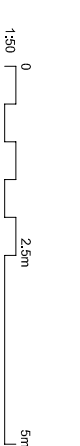
Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 9 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8109				STD



Section 9
 1:50 8003



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-49003 FPO GA Sheet 3 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR

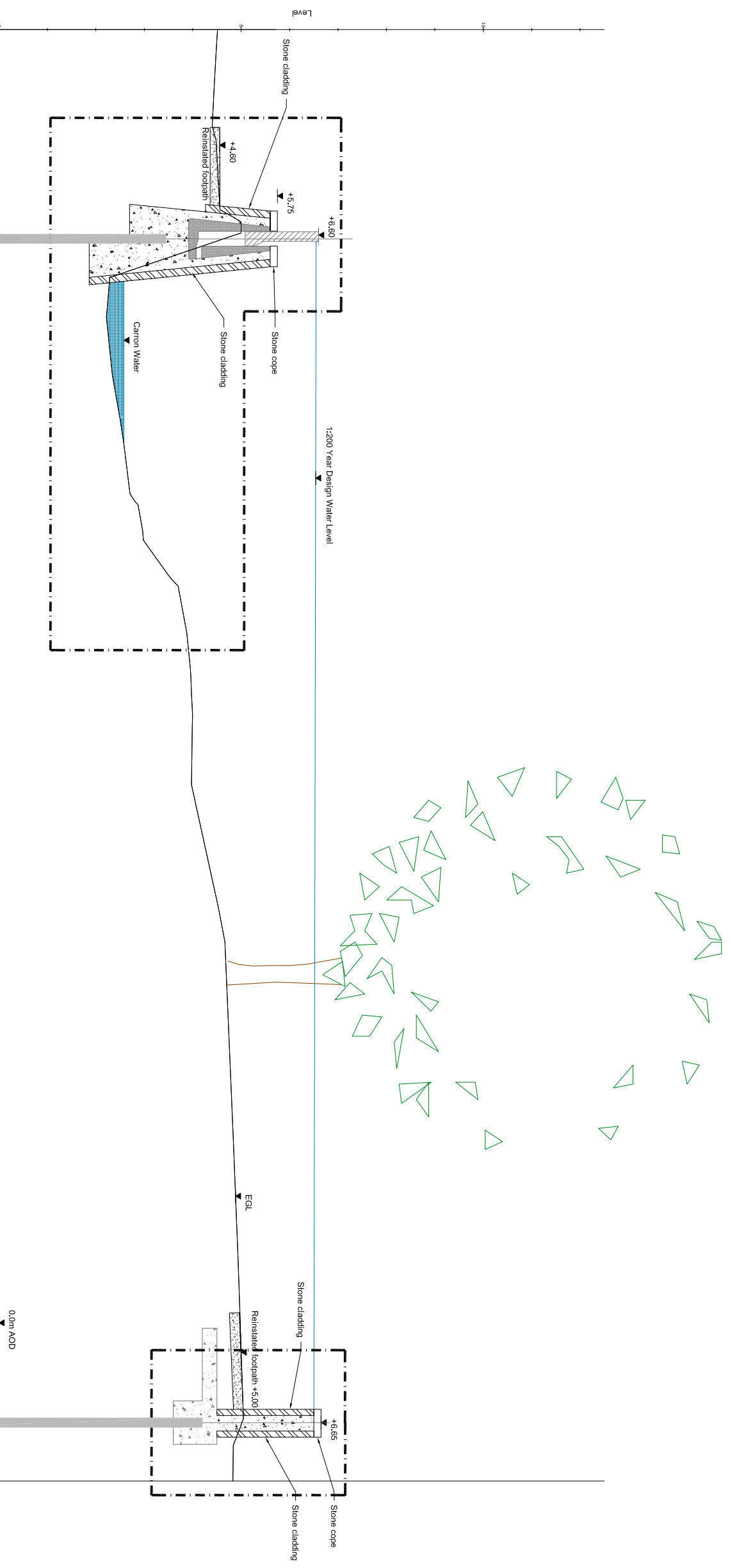


Title

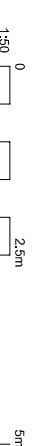
Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 10 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8110				STD



Section 10
 1:50
 8003



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Existing structures along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings
 MMD-345087-C-DR-00-XX-8003 FPO GA Sheet 3 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	29/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

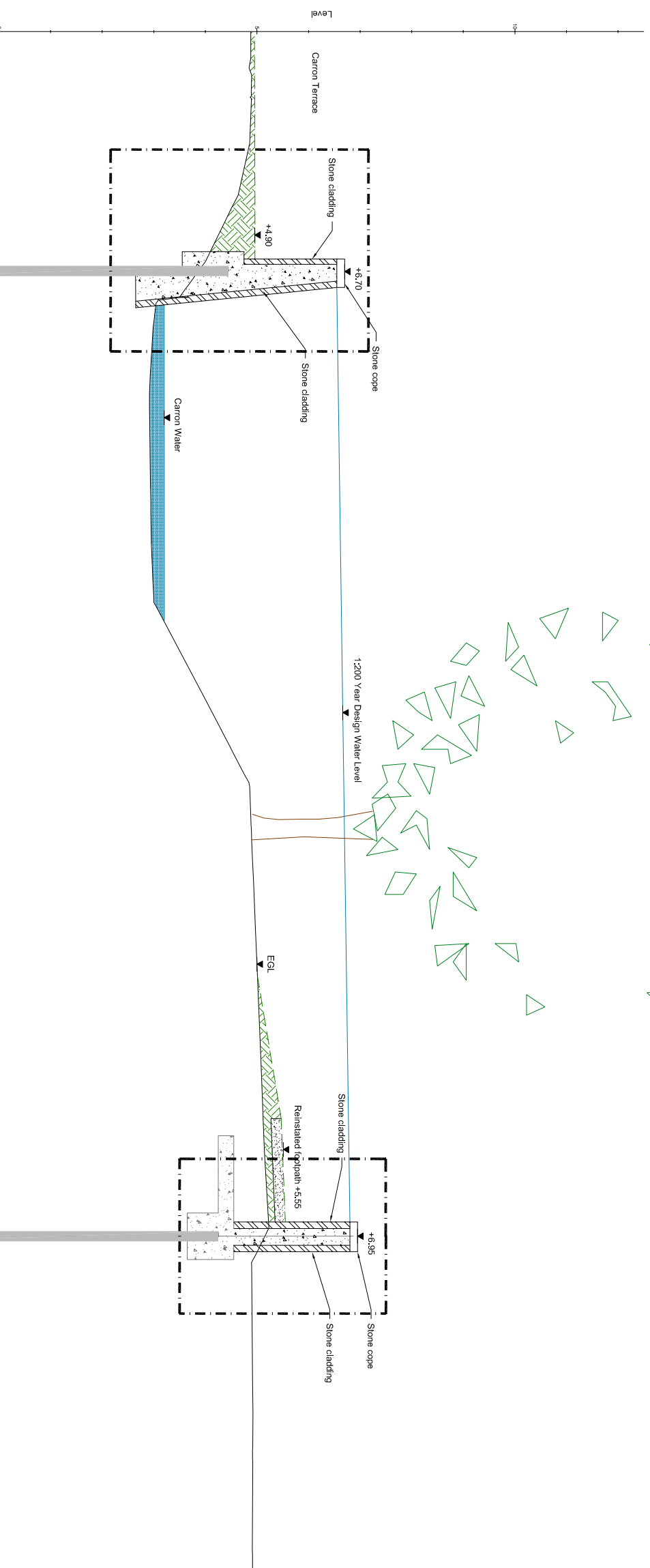
Mott MacDonald
 Mott MacDonald
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 238233
 F +44 (0)1463 238234
 W www.mottmac.com



Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 11 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8111	STD			



Section 11
 1:50
 8003



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8003 FPO GA Sheet 3 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR



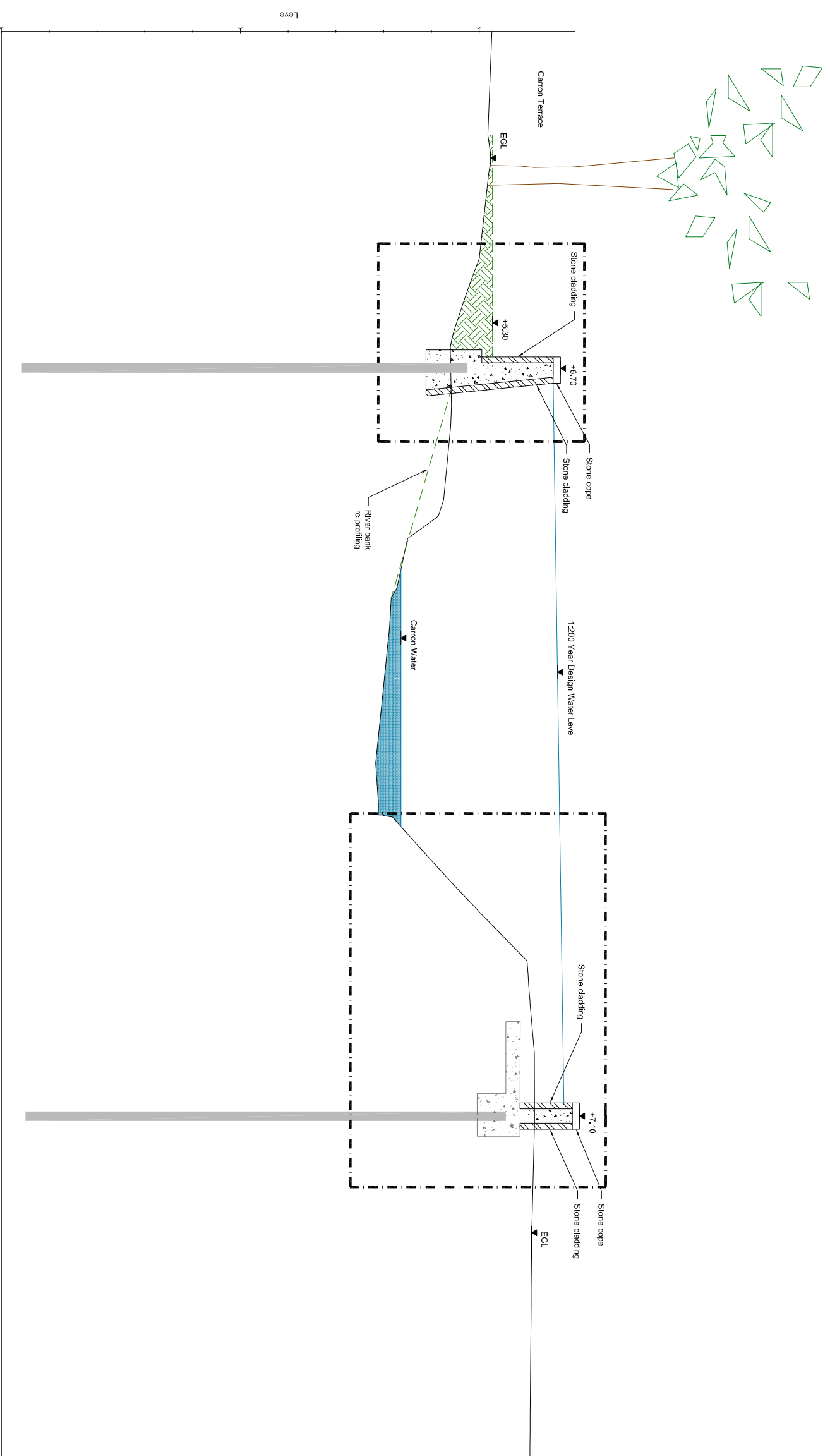
Mott MacDonald
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



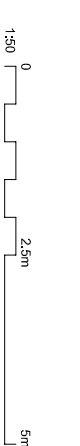
Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 12 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8112				STD



Section 12
 8003
 1:50



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding, as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operation, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8004 FPO GA Sheet 4 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR



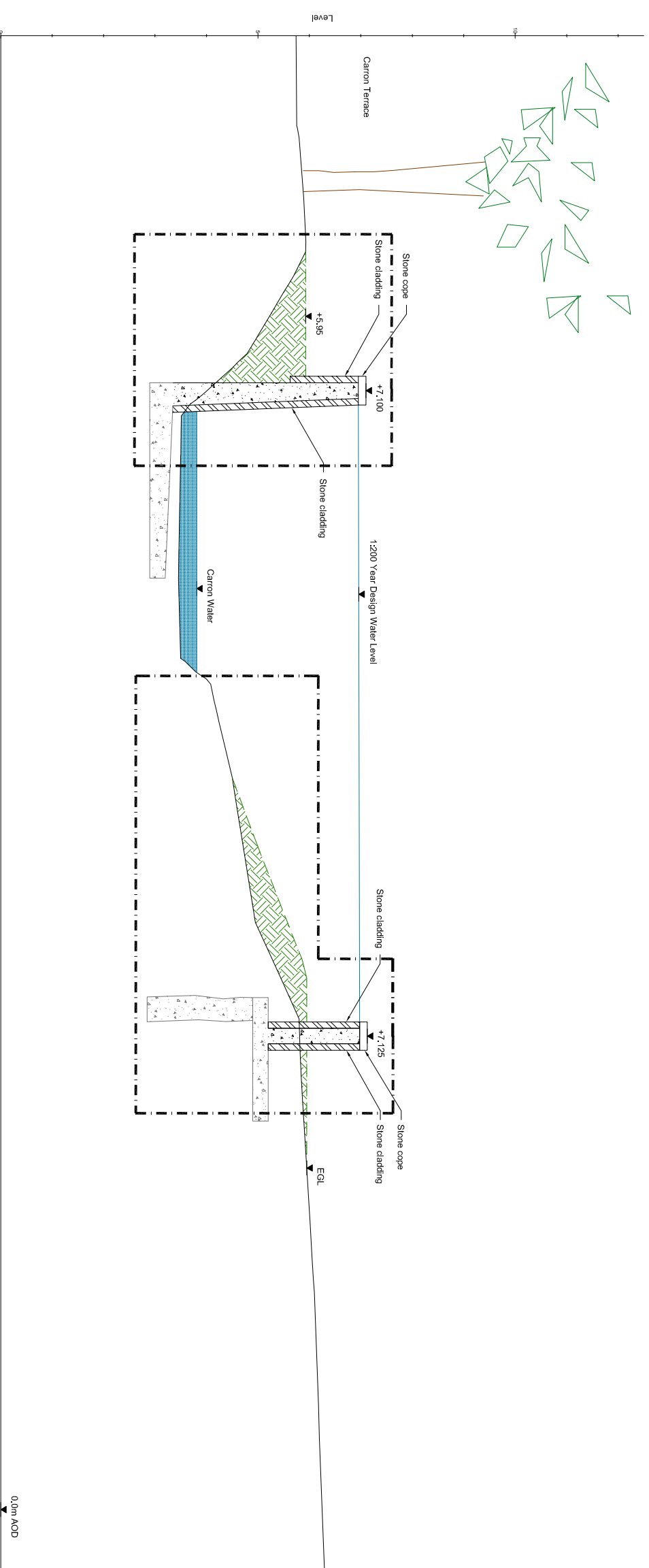
Mott MacDonald
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 13 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8113				STD



Section 13
 1:50
 8004



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings MMD-345087-C-DR-00-XX-8004 FPO GA Sheet 4 of 6

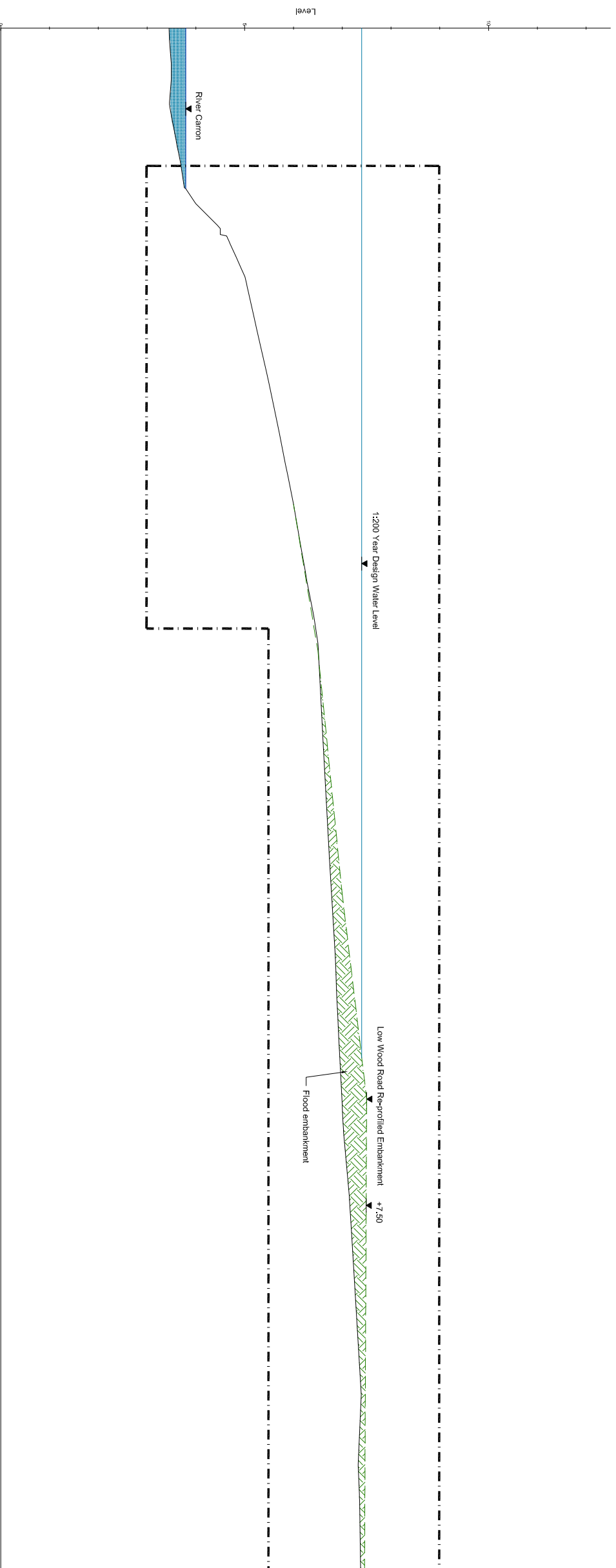
Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR



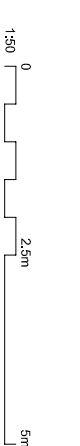
Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 14 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8114				STD



Section 14
 8004
 1:50



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations above Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.
 9. Form of the new bridge to be agreed with the planning authority.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- ▨ Proposed backfill

Reference drawings
MMD-345087-C-DR-00-XX-8004 FPO GA Sheet 4 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	29/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

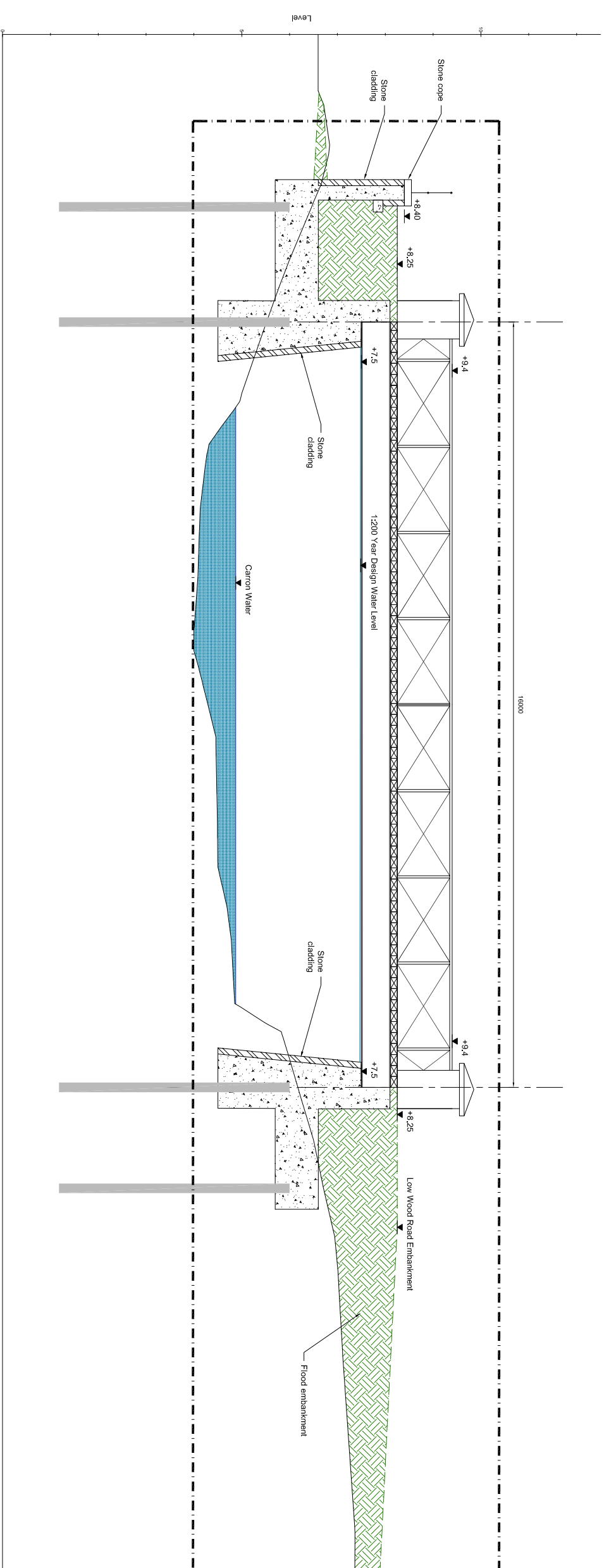


Title
**Stonehaven FPS
Flood Protection Operations
Cross Sections**

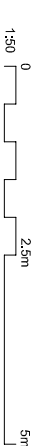
Sheet 15 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by STD

Drawing Number
MMD-345087-C-DR-00-XX-8115



Section 15
1:50
8004



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings
MMD-345087-C-DR-00-XX-8005 FPO GA Sheet 5 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

Merry House
16-18 Bank Street
Inverness, IV1 1GY
United Kingdom
T +44 (0)1463 236233
F +44 (0)1463 236233
W www.mottmac.com

Aberdeenshire COUNCIL

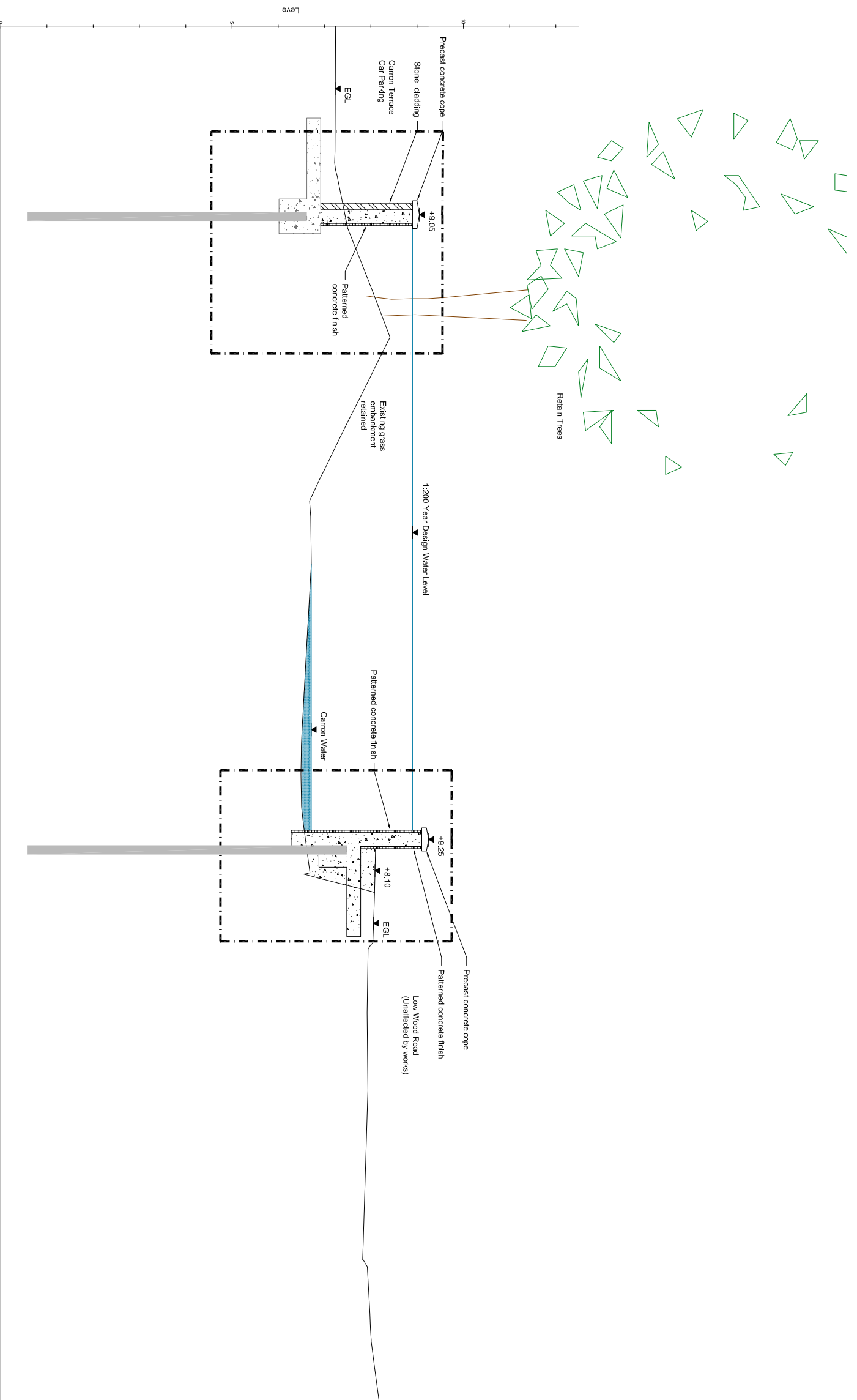
A

Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 16 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by STD

Drawing Number
MMD-345087-C-DR-00-XX-8116



Section 16
1:50
8005



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Existing stone walls, Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- ▨ Proposed backfill

Reference drawings MMD-345087-C-DR-00-XX-8005 FPO GA Sheet 5 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

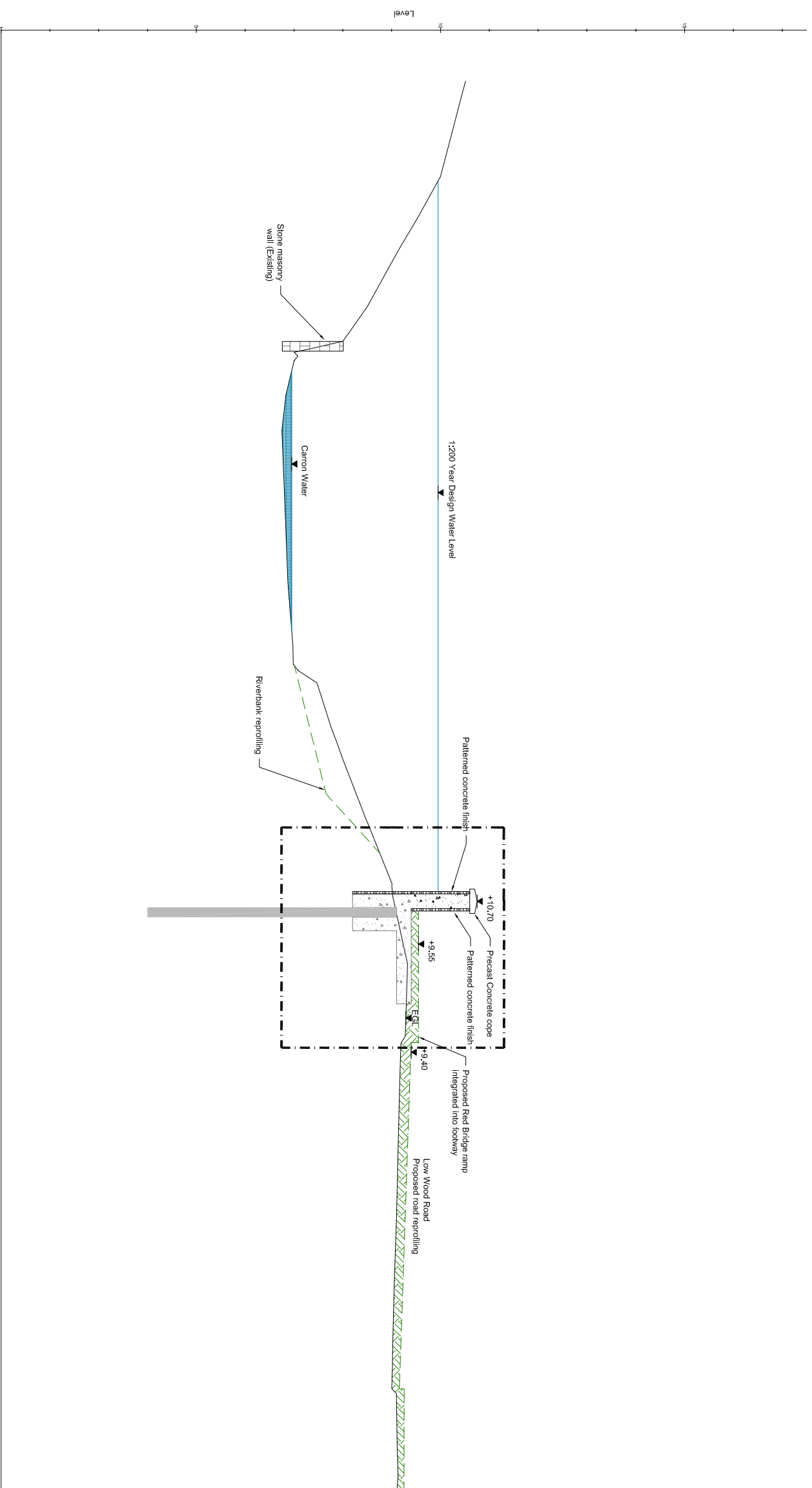
Mott MacDonald
 Mistry House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 238233
 F +44 (0)1463 238234
 W www.mottmac.com



Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 17 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8117				STD



Section 17
 1:50
 8005



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operation, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.
 9. Form of the new bridge to be agreed with the planning authority.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- ▨ Proposed backfill

Reference drawings
 MMD-345087-C-DR-00-XX-49005 FPO GA Sheet 5 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

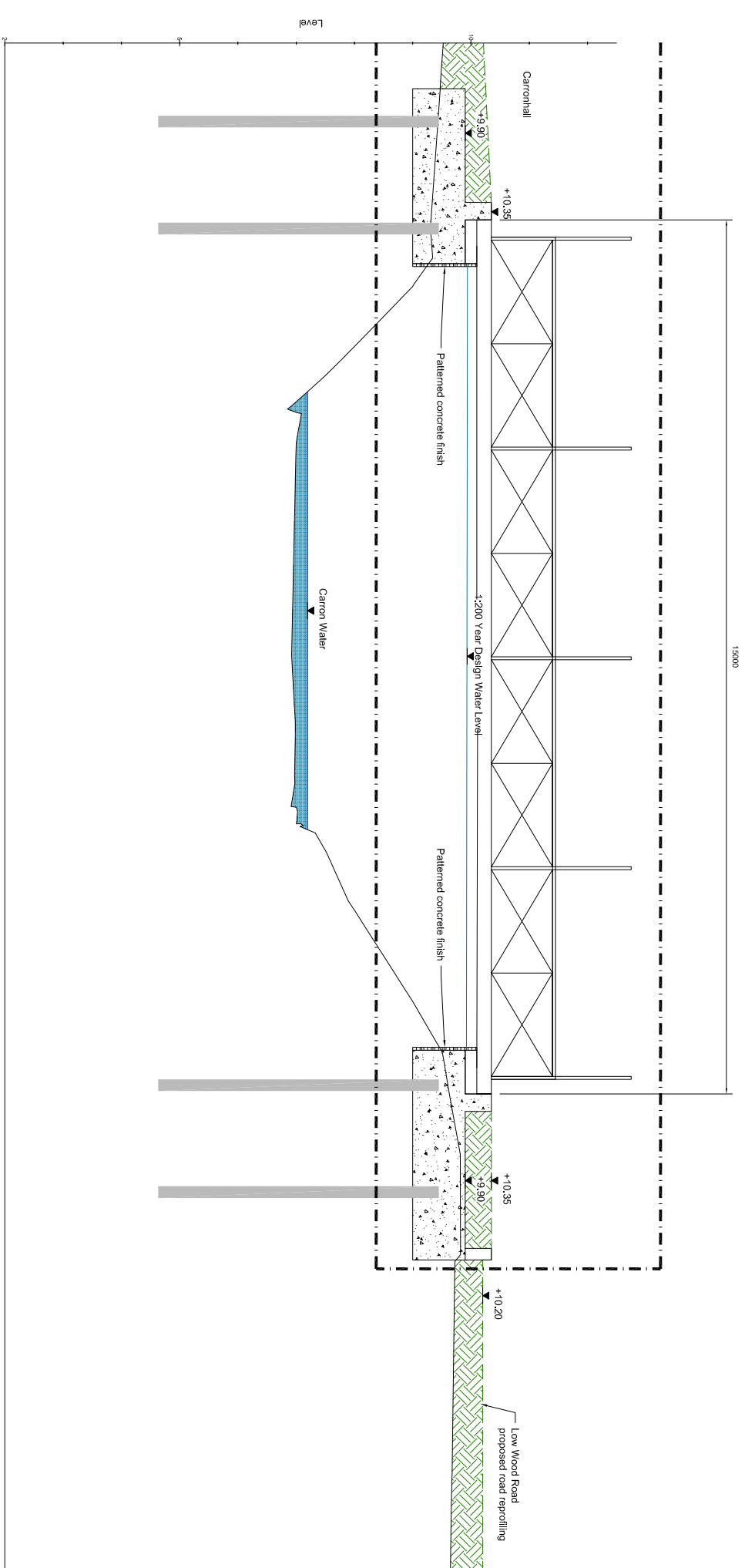
Merry House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



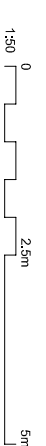
Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 18 of 26

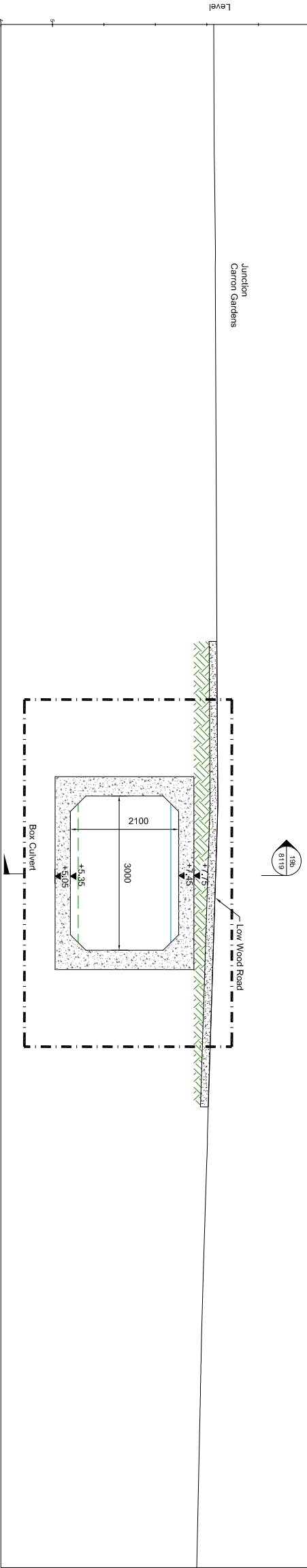
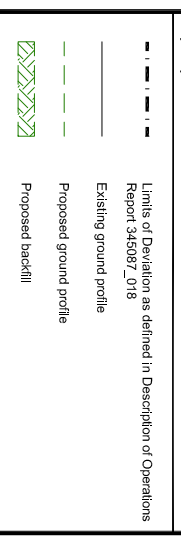
Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8118				



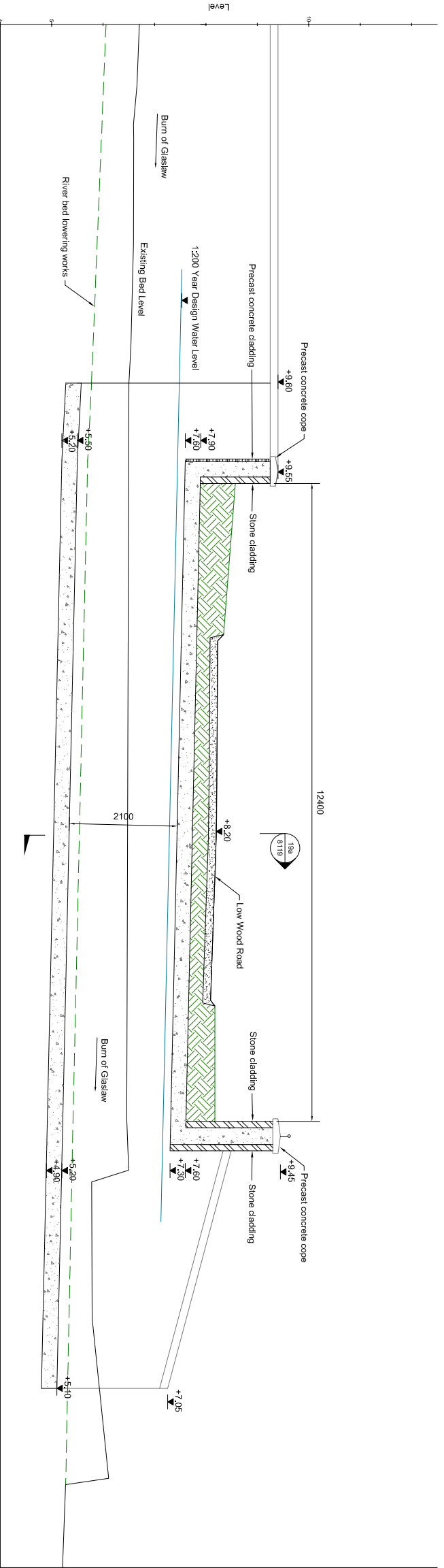
Section 18
 1:50
 8005



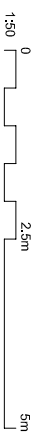
- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Existing structures above Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.
 9. Form of proposed culvert to be agreed with planning authority at detailed design.



Section 19a
1:50
8004



Section 19b
1:50
8004



Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

Merry House
16-18 Bank Street
Inverness, IV1 1QY
United Kingdom
T +44 (0)1463 238323
F +44 (0)1463 238323
W www.mottmac.com



Client
Aberdeenshire COUNCIL

Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 19 of 26

Designated	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by STD
Drawing Number	MMD-345087-C-DR-00-XX-8119				

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8004 FPO GA Sheet 4 of 6

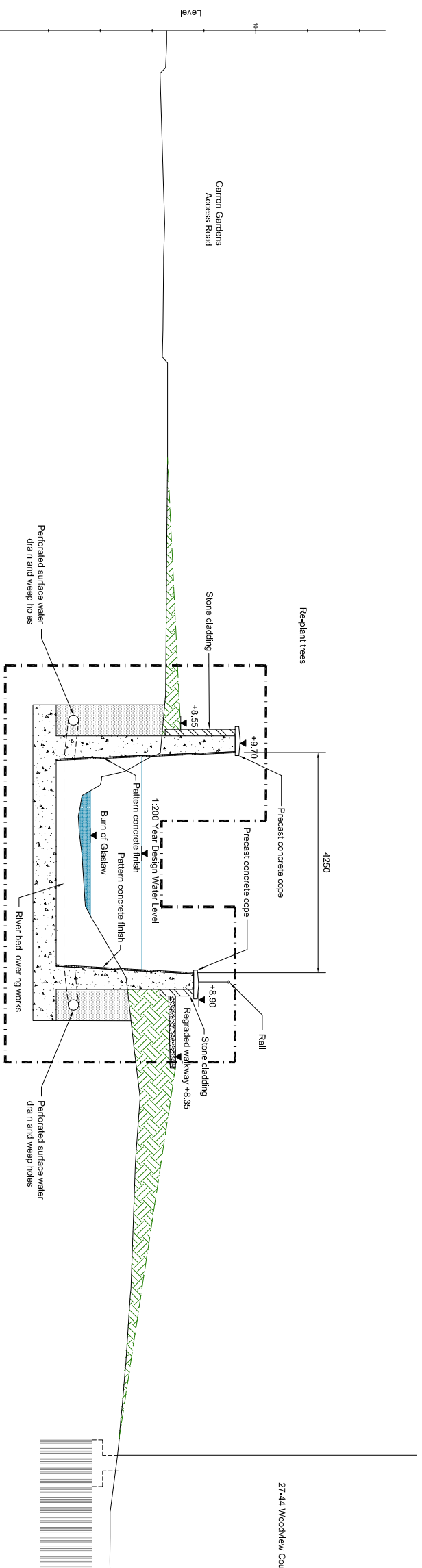
Rev	Date	Drawn	Description	CHK'd	App'd
P3	29/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR
Rev	Date	Drawn	Description	CHK'd	App'd



Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 20 of 26

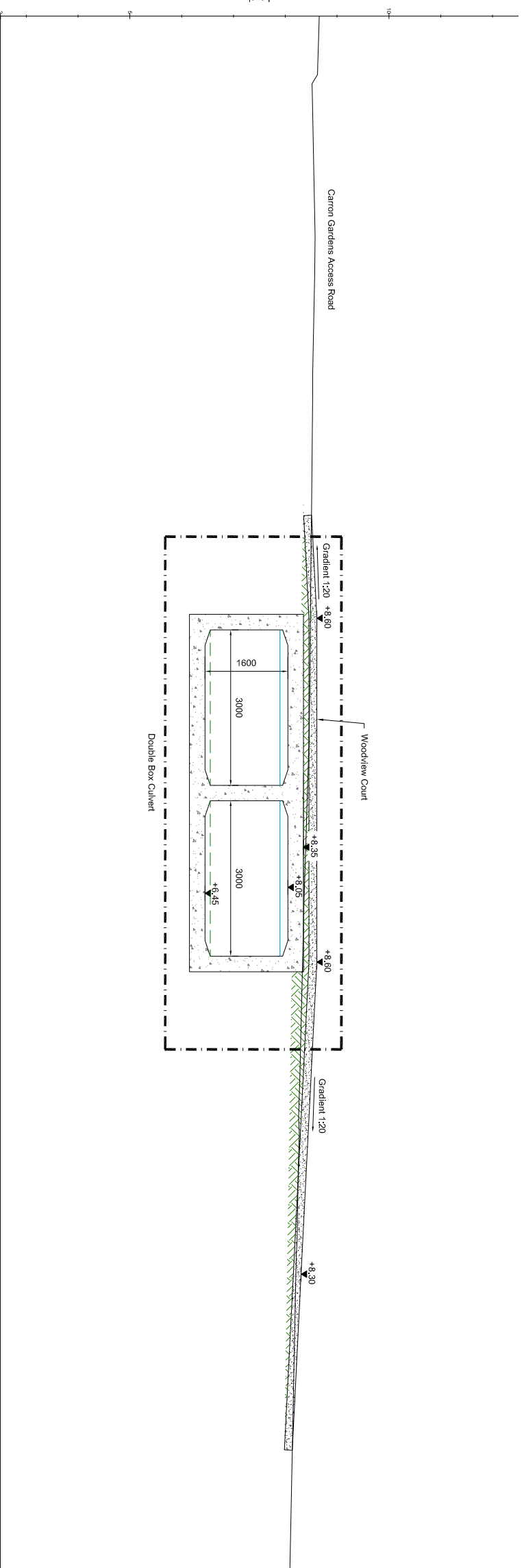
Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8120				STD



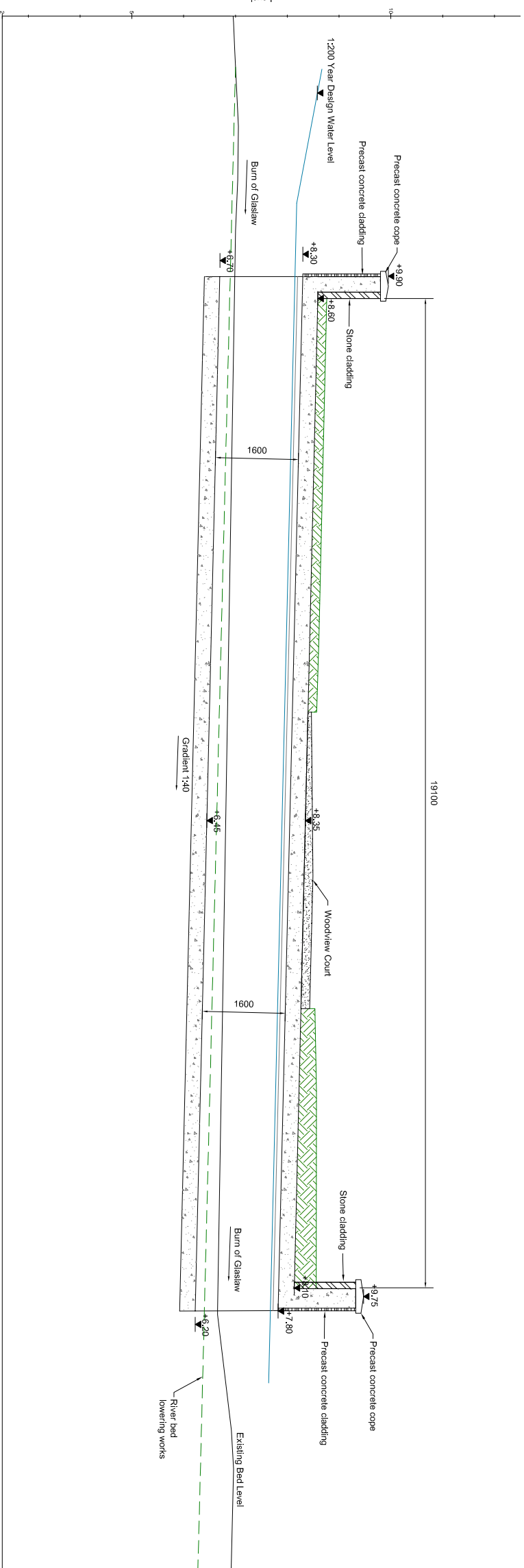
Section 20
1:50
8004

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.
 9. Form of proposed culvert to be agreed with planning authority at detailed design.

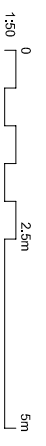
Key to symbols



Section 21a
1:50
8004



Section 21b
1:50
8004



Reference drawings
MMD-345087-C-DR-00-XX-8004 FPO GA Sheet 4 of 6

Rev	Date	Drawn	Description	LC	SGR
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR
Rev	Date	Drawn	Description	CHK'd	App'd

Mott MacDonald

Mersey House
16-18 Bank Street
Inverness, IV1 1QY
United Kingdom
T +44 (0)1463 238323
F +44 (0)1463 238323
W www.mottmac.com

Aberdeenshire COUNCIL

A

Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 21 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by STD
Drawing Number	MMD-345087-C-DR-00-XX-8121				

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Existing structures above Carron, Water and Burn of Glasliew will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glasliew identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8006 FPO GA Sheet 6 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	29/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

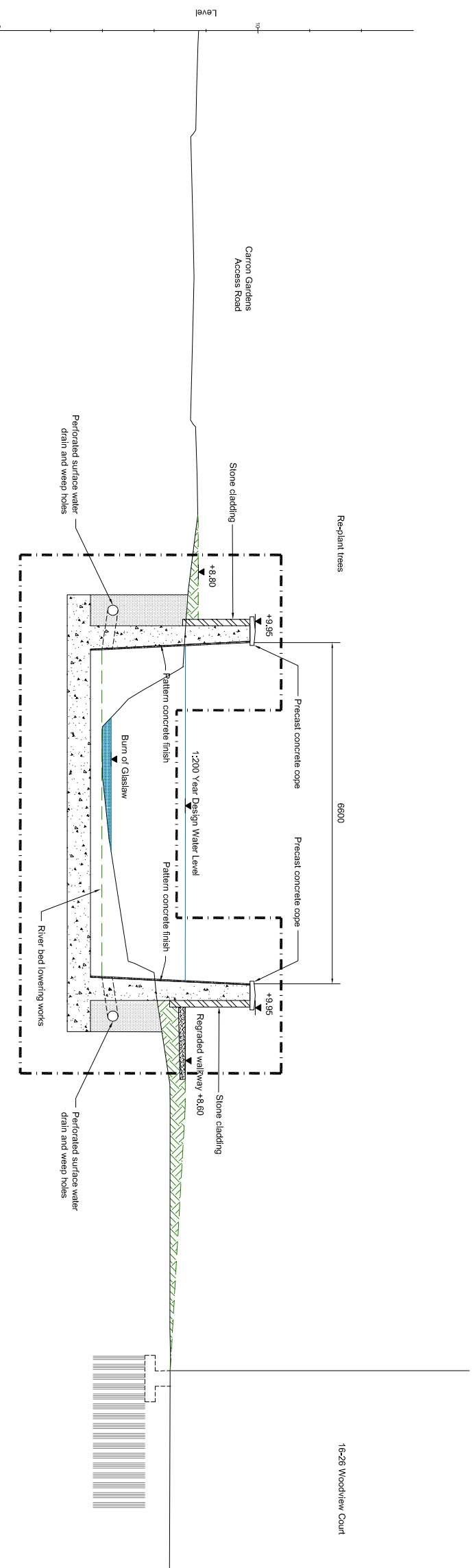
Mersey House
16-18 Bank Street
Liverpool, L1 1GY
United Kingdom
T +44 (0)1483 238233
F +44 (0)1483 238232
W www.mottmac.com

Aberdeenshire COUNCIL

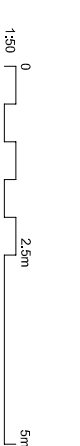
Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 22 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8122				STD



Section 22
1:50
8006



- Notes**
- These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 - These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 - All levels are in metres relative to Ordnance Datum Newlyn.
 - Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 - Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 - Existing structures above Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 - Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 - Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8006 FPO GA Sheet 6 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	29/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR

Mott MacDonald

Mersey House
16-18 Bank Street
Liverpool, L1 1GY
United Kingdom
T +44 (0)1483 239233
F +44 (0)1483 239232
W www.mottmac.com

Aberdeenshire COUNCIL

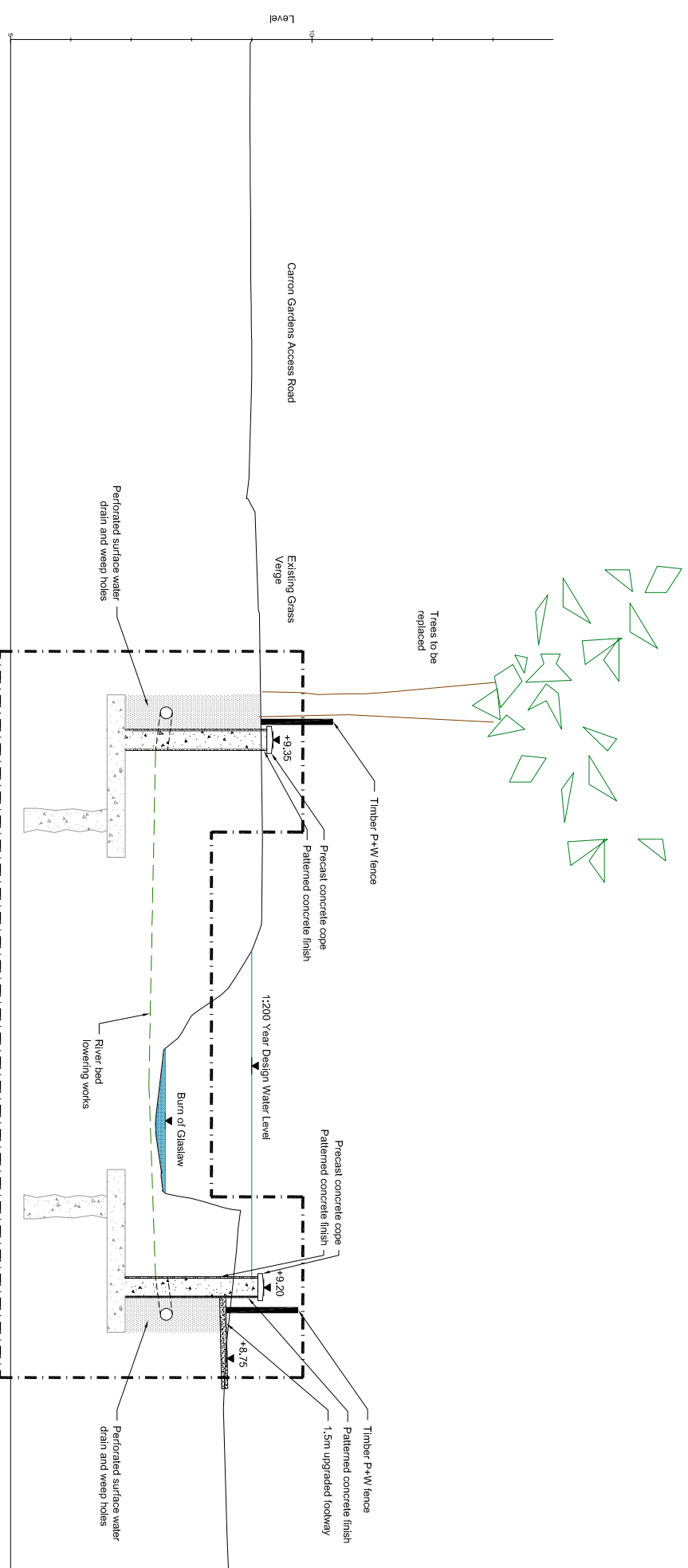
A

Title

Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 23 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8123				STD



Section 23
1:50
8006

1:50 0 2.5m 5m

- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to construct the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8006 FPO GA Sheet 6 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR



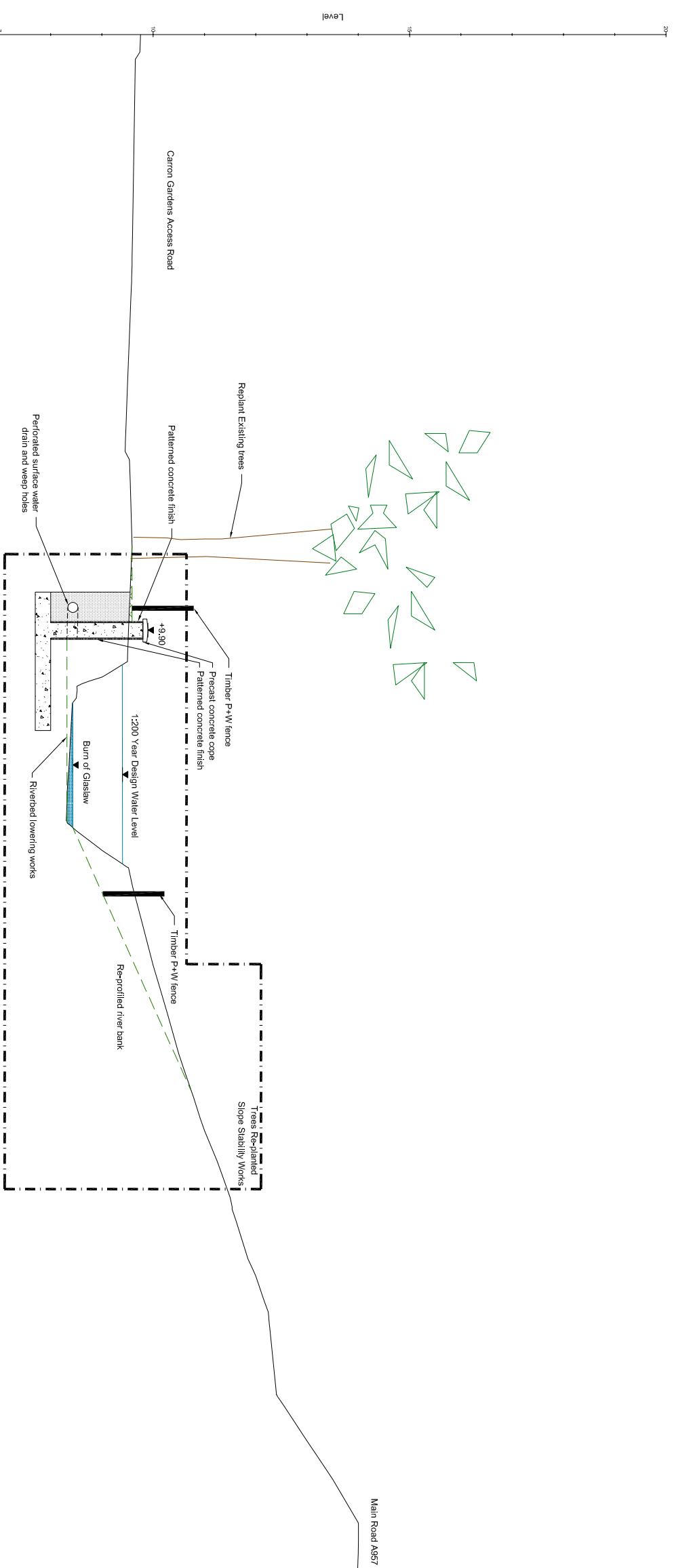
Mott MacDonald
 Mistry House
 16-18 Bank Street
 Inverness, IV1 1GY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236234
 W www.mottmac.com



Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 24 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8124				STD



Section 24
 1:50 8006

1:50 0 2.5m 5m

- Notes**
- These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 - These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 - All levels are in metres relative to Ordnance Datum Newlyn
 - Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 - Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 - Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping
 - Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operation, will incorporate appropriate backflow prevention measures.
 - Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- Proposed ground profile
- Proposed backfill

Reference drawings

MMD-345087-C-DR-00-XX-8006 FPO GA Sheet 6 of 6

Rev	Date	Drawn	Description	CHK'd	App'd
P3	25/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	05/06/15	SS	Preliminary Issue	LC	SGR
Rev	Date	Drawn	Description	CHK'd	App'd



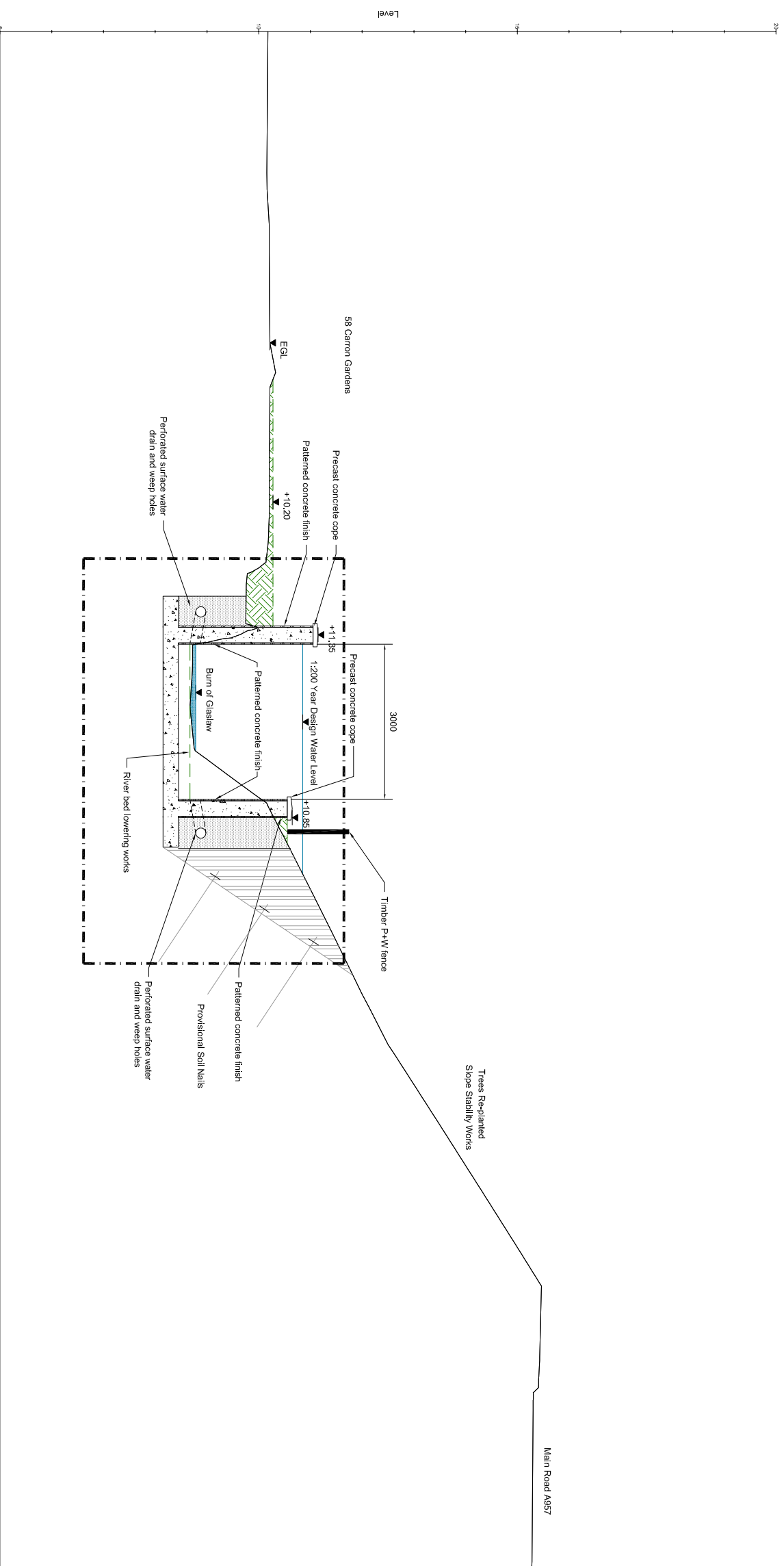
Mott MacDonald
 Mary House
 16-18 Bank Street
 Inverness, IV1 1QY
 United Kingdom
 T +44 (0)1463 236233
 F +44 (0)1463 236232
 W www.mottmac.com



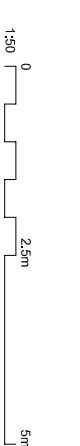
Title
 Stonehaven FPS
 Flood Protection Operations
 Cross Sections

Sheet 25 of 26

Designated	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8125				STD



Section 25
 1:50
 8006



- Notes**
1. These drawings are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 2. These drawings are to be read in conjunction with Stonehaven Flood Protection Scheme, Description of Operations, Report Reference 345087_018.
 3. All levels are in metres relative to Ordnance Datum Newlyn.
 4. Existing walls will require removal and / or rebuilding as necessary, to construct the scheme.
 5. Existing structures, as noted, will require removal and rebuilding, as necessary, to accommodate the scheme.
 6. Operations along Carron, Water and Burn of Glaslaw will be finished with a scheme of planting and landscaping.
 7. Any outfalls discharging into Carron Water and Burn of Glaslaw identified within the operations, will incorporate appropriate backflow prevention measures.
 8. Information received from statutory undertakers has been used to identify locations of services. Exact locations of these services will be determined during detailed design.

Key to symbols

- Limits of Deviation as defined in Description of Operations Report 345087_018
- Existing ground profile
- - - Proposed ground profile
- ▨ Proposed backfill

Reference drawings MMD-345087-C-DR-00-XX-8006 FPO GA Sheet 6 of 6

Rev	Date	Drawn	Description	LC	SGR
P3	26/06/15	SS	Flood Risk Management Act Issue	LC	SGR
P2	23/06/15	SS	Secondary Issue	LC	SGR
P1	02/06/15	SS	Preliminary Issue	LC	SGR
Rev	Date	Drawn	Description	CHK'd	App'd

Mott MacDonald

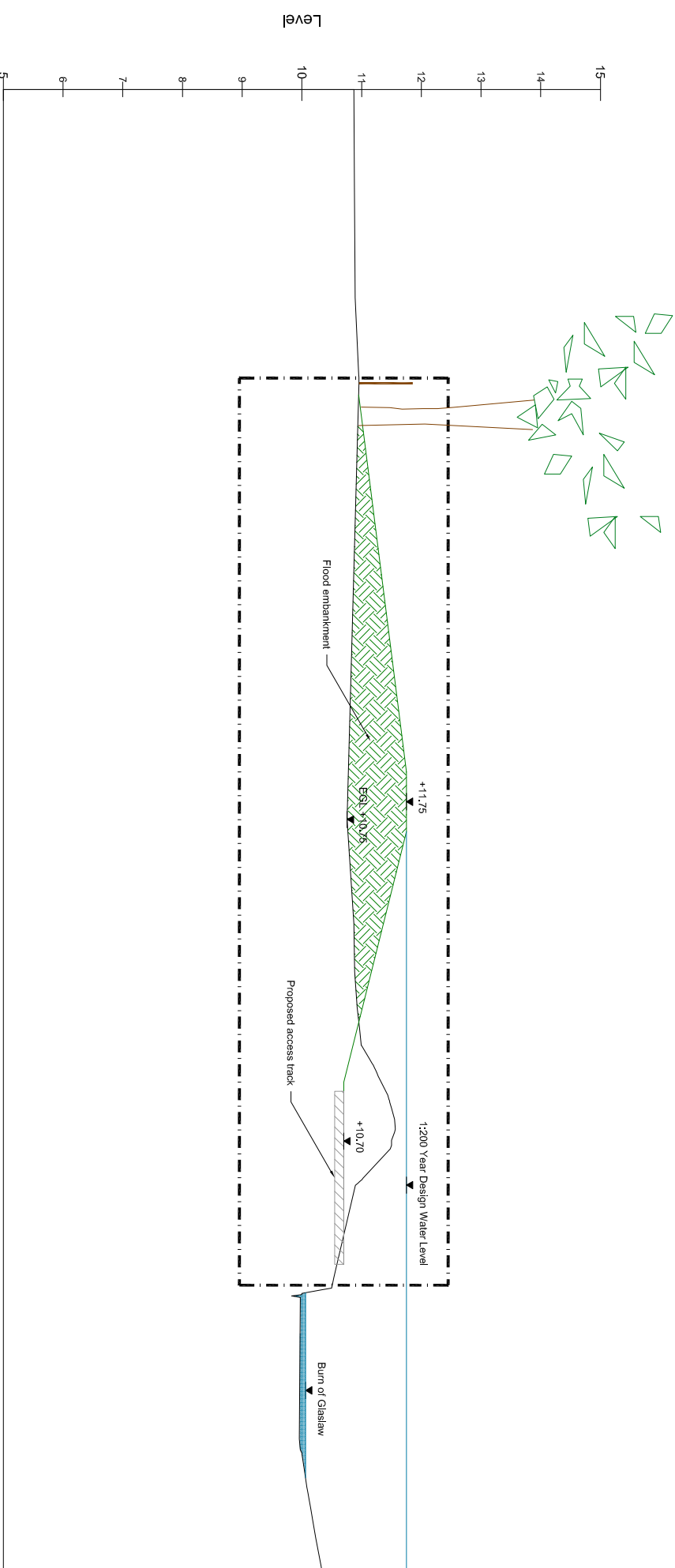
Mersey House
16-18 Bank Street
Inverness, IV1 1GY
United Kingdom
T +44 (0)1463 236233
F +44 (0)1463 236234
W www.mottmac.com



Title
Stonehaven FPS
Flood Protection Operations
Cross Sections

Sheet 26 of 26

Designed	DS	DS	Eng check	LC	LC
Drawn	SS	SS	Coordination	LC	LC
Dwg check	DS	DS	Approved	SGR	SGR
Scale at A1	1:50	PRE	Rev	P3	Sec'd by
Drawing Number	MMD-345087-C-DR-00-XX-8126				STD



Section 26
1:50
8006

