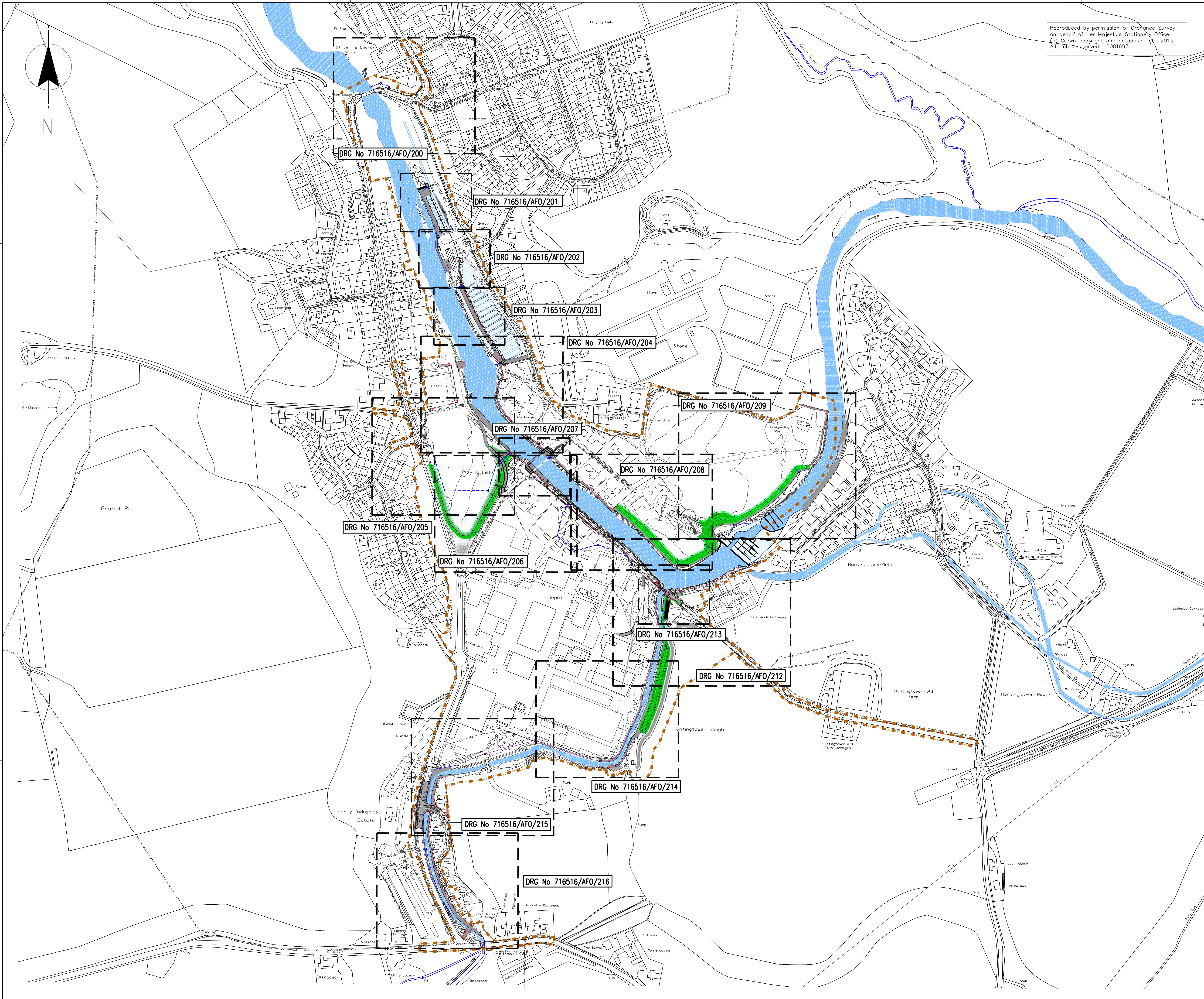




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NOTES

1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE ALMONDBANK FLOOD PROTECTION SCHEME 2013.
3. OPERATIONS ALONG THE LENGTH OF THE RIVER ALMOND AND THE EAST POW BURN WILL BE FINISHED WITH A SCHEME OF PLANTING AND LANDSCAPING.
4. ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW PREVENTION MEASURES.
5. INFORMATION RECEIVED FROM STATUTORY UNDERTAKERS HAS BEEN USED TO IDENTIFY LOCATIONS OF SERVICES, EXACT LOCATIONS OF THESE SERVICES WILL BE DETERMINED DURING DETAILED DESIGN.

LEGEND

- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
- RETAINING WALL
- SHEET PILE WALL
- SHEET PILE WALL WITH CLADDING
- KERB DRAINAGE SYSTEM
- PROPOSED SECURITY FENCING
- LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
- PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
- EXISTING EROSION PROTECTION
- RAISED ROAD/ACCESS TRACK
- SURFACE WATER DRAINAGE CHANNEL
- CONCRETE
- GRAVEL
- ACCESS STEPS
- GATE ACCESS
- OUTFALL
- SURFACE WATER DRAINAGE SYSTEM
- SECONDARY SPILL OFF SYSTEM
- EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
- EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
- SLUICE

SERVICES

- TELECOMS
- OVERHEAD ELECTRICITY
- UNDERGROUND ELECTRICITY
- GAS
- FOUL WATER
- SURFACE WATER
- WATER MAIN
- COMBINED SEWER

THIS IS THE PLAN MARKED **716516/AFO/199** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013.

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

	W CHAMBERS	PLUMBERT	N COOKE
E CLIENT AMENDMENTS	28.06.13	28.06.13	28.06.13
D CLIENT AMENDMENTS	S.MCCOLLUCH 30.05.13	PLUMBERT 30.05.13	N COOKE 30.05.13
C CLIENT AMENDMENTS	S.MCCOLLUCH 07.05.13	PLUMBERT 07.05.13	N COOKE 07.05.13
B FOR INFORMATION	W CHAMBERS 15.02.13	PLUMBERT 15.02.13	N COOKE 15.02.13
A FOR INFORMATION	S.MCCOLLUCH 09.05.12	W CHAMBERS 09.05.12	N COOKE 09.05.12
Version	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title FLOOD PROTECTION OPERATIONS OVERALL LAYOUT



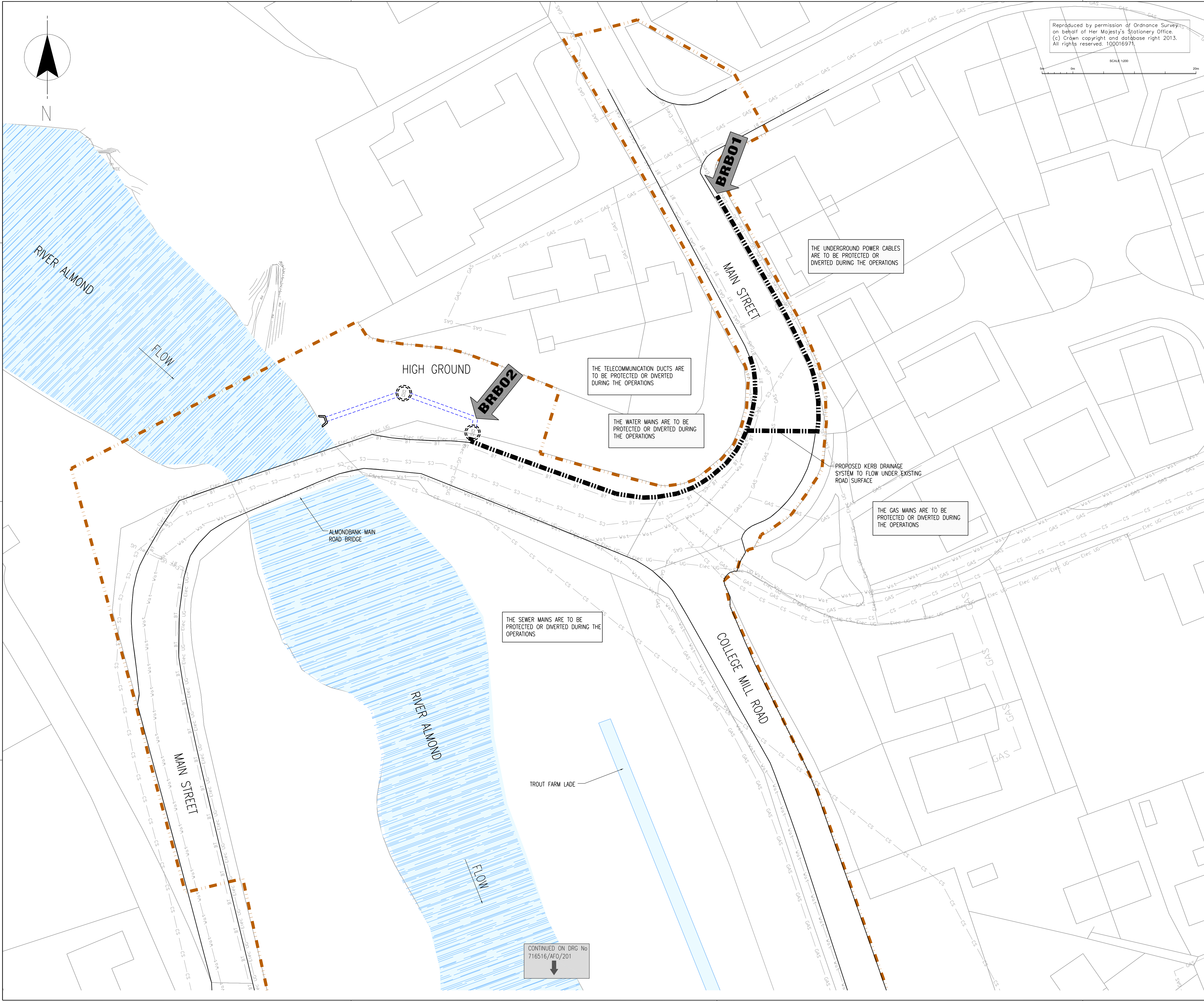
mouchel
building great relationships

Scales (if A1 size)

NOT TO SCALE

Purpose of Issue FLOOD PROTECTION OPERATIONS

Office	Tel No	Drawing No	Version
LIVERPOOL	0151 237-4200	716516/AFO/199	E

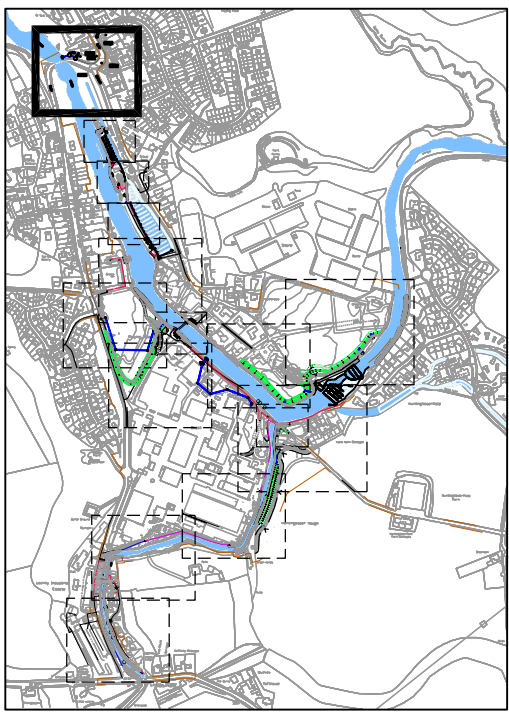


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- ### NOTES
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
 2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE ALMONDBANK FLOOD PROTECTION SCHEME 2013.
 3. OPERATIONS ALONG THE LENGTH OF THE RIVER ALMOND AND THE EAST POW BURN WILL BE FINISHED WITH A SCHEME OF PLANTING AND LANDSCAPING.
 4. ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW PREVENTION MEASURES.
 5. INFORMATION RECEIVED FROM STATUTORY UNDERTAKERS HAS BEEN USED TO IDENTIFY LOCATIONS OF SERVICES, EXACT LOCATIONS OF THESE SERVICES WILL BE DETERMINED DURING DETAILED DESIGN.

- ### LEGEND
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
 - PROPOSED SECURITY FENCING
 - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
 - PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
 - EXISTING EROSION PROTECTION
 - RAISED ROAD/ACCESS TRACK
 - SURFACE WATER DRAINAGE CHANNEL
 - CONCRETE
 - GRAVEL
 - OUTFALL
 - SURFACE WATER DRAINAGE SYSTEM
 - SECONDARY SPILL OFF SYSTEM
 - EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
 - SECTION MARKERS
 - EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 - START LOCATION OF REFERENCED OPERATION
 - ACCESS STEPS
 - GATE ACCESS
 - SLUICE

- ### SERVICES
- BT TELECOMS
 - OVERHEAD ELECTRICITY
 - UNDERGROUND ELECTRICITY
 - GAS
 - FW FOUL WATER
 - SW SURFACE WATER
 - WAT WATER MAIN
 - CS COMBINED SEWER



THIS IS THE PLAN MARKED **716516/AFO/200** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

	W CHAMBERS	PLUMBERT	N COOKE
E CLIENT AMENDMENTS	20.06.13	20.06.13	20.06.13
D CLIENT AMENDMENTS	30.05.13	30.05.13	30.05.13
C CLIENT AMENDMENTS	07.05.13	07.05.13	07.05.13
B FOR INFORMATION	15.02.13	15.02.13	15.02.13
A FOR INFORMATION	30.04.12	08.05.12	08.05.12

Version: 30.04.12 Amendment: 08.05.12 Approved: 08.05.12

Project: ALMONDBANK FLOOD PROTECTION SCHEME Client: PERTH & KINROSS COUNCIL

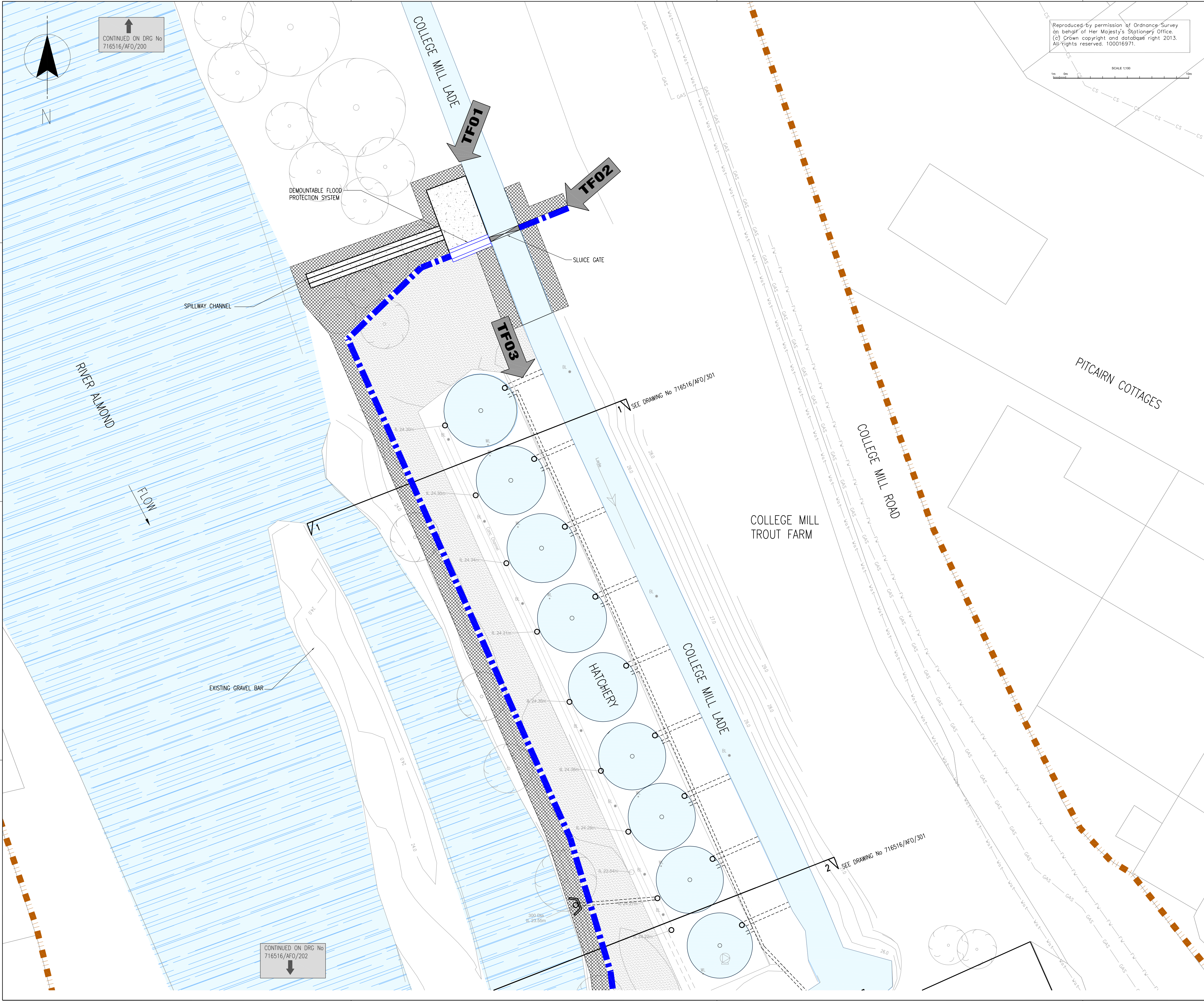
Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 1 OF 15 COMBINED KERB & DRAINAGE SYSTEM

Scale: (at A3 size) 1:200 Purpose of Issue: FLOOD PROTECTION OPERATIONS

mouchel building great relationships

Office: LIVERPOOL Tel No: 0151 237-4200 Drawing No: 716516/AFO/200 Version: E

CONTINUED ON DRG No 716516/AFO/201

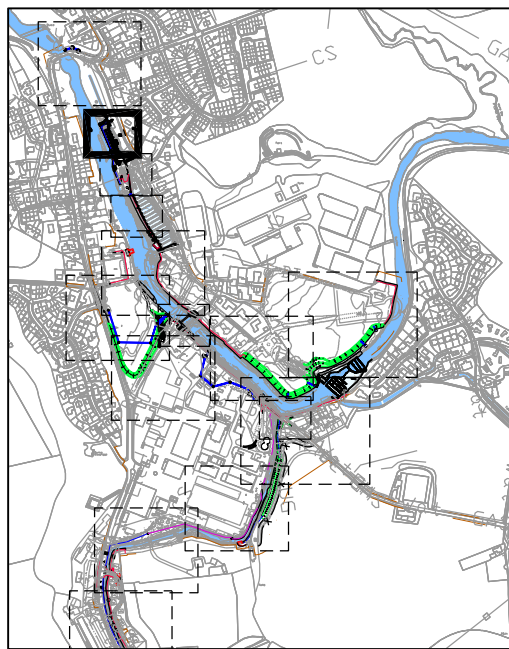


- NOTES**
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
 2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE ALMONDBANK FLOOD PROTECTION SCHEME 2013.
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 5. INFORMATION RECEIVED FROM STATUTORY UNDERTAKERS HAS BEEN USED TO IDENTIFY LOCATIONS OF SERVICES, EXACT LOCATIONS OF THESE SERVICES WILL BE DETERMINED DURING DETAILED DESIGN.

- LEGEND**
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
 - PROPOSED SECURITY FENCING
 - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.

- PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
- EXISTING EROSION PROTECTION
- RAISED ROAD/ACCESS TRACK
- SURFACE WATER DRAINAGE CHANNEL
- CONCRETE
- GRAVEL
- OUTFALL
- SURFACE WATER DRAINAGE SYSTEM
- SECONDARY SPILL OFF SYSTEM
- EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
- EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
- ACCESS STEPS
- SLUICE

- SERVICES**
- BT TELECOMS
 - FW FOUL WATER
 - SW SURFACE WATER
 - WATER MAIN
 - COMBINED SEWER
 - OVERHEAD ELECTRICITY
 - UNDERGROUND ELECTRICITY
 - GAS



THIS IS THE PLAN MARKED **716516/AFO/201** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

E	CLIENT AMENDMENTS	WCHAMBERS	PLUMBERT	NCOOKE
D	CLIENT AMENDMENTS	S.MACCOLLOCH	PLUMBERT	NCOOKE
C	CLIENT AMENDMENTS	S.MACCOLLOCH	PLUMBERT	NCOOKE
B	FOR INFORMATION	WCHAMBERS	PLUMBERT	NCOOKE
A	FOR INFORMATION	S.MACCOLLOCH	WCHAMBERS	NCOOKE

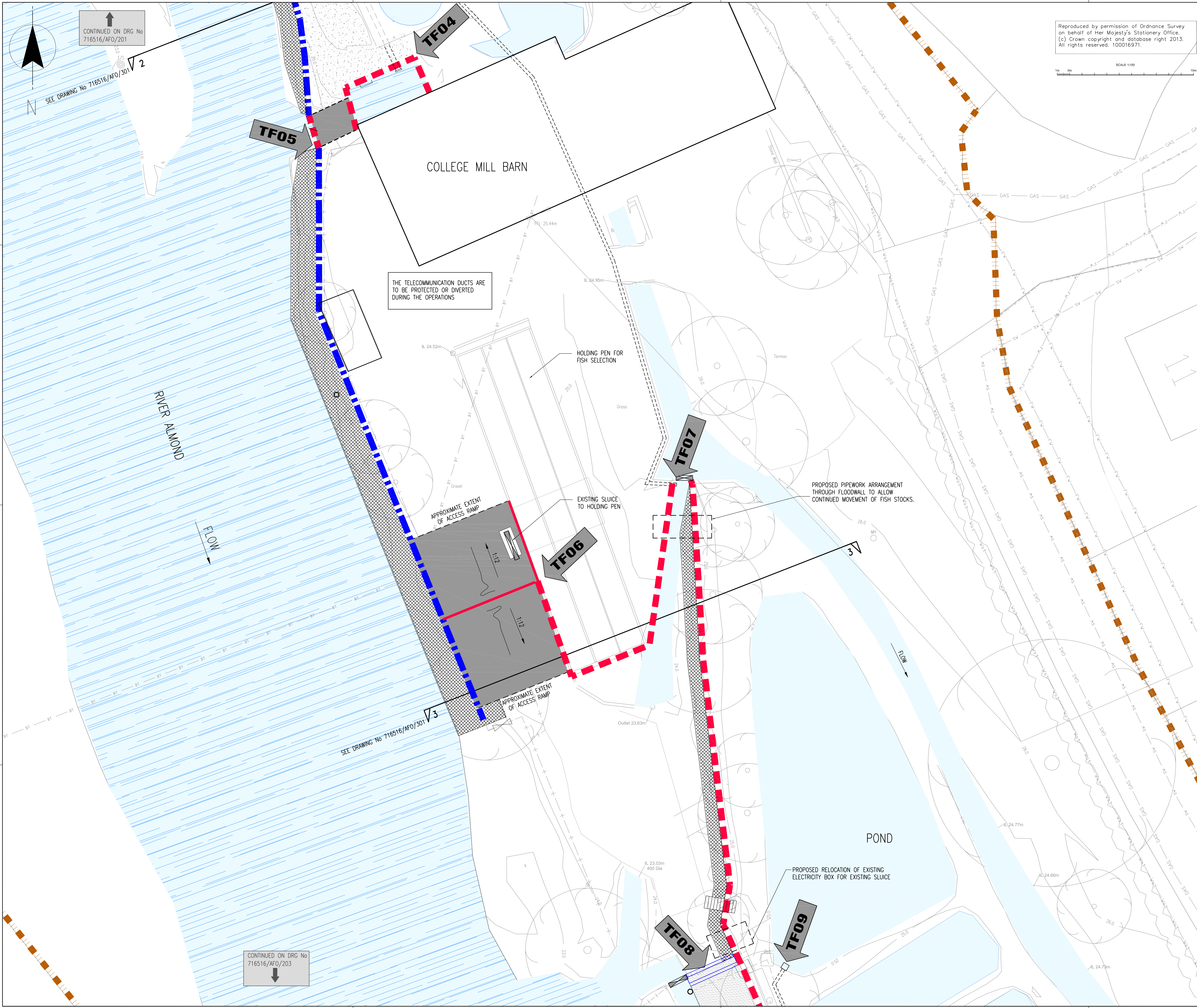
Version: Amendment: Client: Approved Date: Checked Date: Approved Date:

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 2 OF 15 COLLEGE MILL TROUT FARM

mouchel Scale (at A3 size): 1:100 Purpose of Issue: FLOOD PROTECTION OPERATIONS

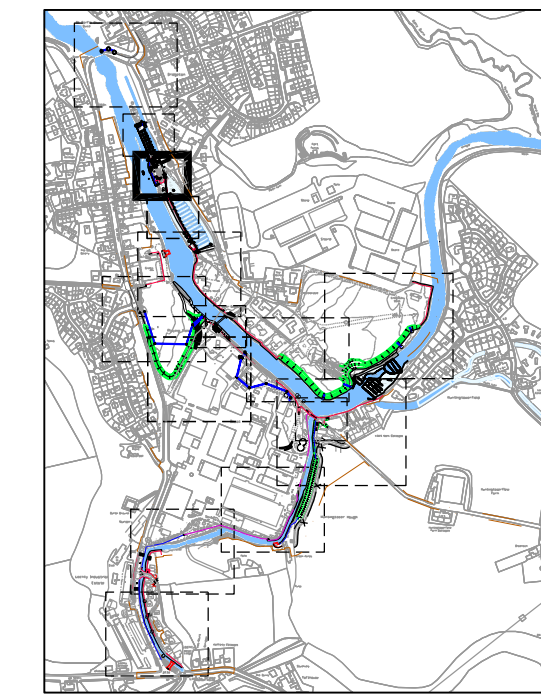
Office: LIVERPOOL Tel No: 0151 237-4200 Drawing No: 716516/AFO/201 Version: E



- NOTES
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
 2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE ALMONDBANK FLOOD PROTECTION SCHEME 2013.
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 4. ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW PREVENTION MEASURES.
 5. INFORMATION RECEIVED FROM STATUTORY UNDERTAKERS HAS BEEN USED TO IDENTIFY LOCATIONS OF SERVICES, EXACT LOCATIONS OF THESE SERVICES WILL BE DETERMINED DURING DETAILED DESIGN.

- LEGEND
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
 - PROPOSED SECURITY FENCING
 - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
 - PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
 - EXISTING EROSION PROTECTION
 - RAISED ROAD/ACCESS TRACK
 - SURFACE WATER DRAINAGE CHANNEL
 - CONCRETE
 - GRAVEL
 - EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
 - EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 - SECTION MARKERS
 - START LOCATION OF REFERENCED OPERATION
 - GATE ACCESS
 - SLUICE
 - OUTFALL
 - SURFACE WATER DRAINAGE SYSTEM
 - SECONDARY SPILL OFF SYSTEM
 - ACCESS STEPS

- SERVICES
- BT BT TELECOMS
 - FW FW FOUL WATER
 - Elec OH OVERHEAD ELECTRICITY
 - SW SW SURFACE WATER
 - Elec UG UNDERGROUND ELECTRICITY
 - Wat WATER MAIN
 - GAS GAS
 - CS COMBINED SEWER



THIS IS THE PLAN MARKED 716516/AF0/202 REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

E	CLIENT AMENDMENTS	WCHAMBERS 28.06.13	PLAMBERT 28.06.13	NCOOKE 28.06.13
D	CLIENT AMENDMENTS	S.MCCOLLUCH 30.05.13	PLAMBERT 30.05.13	NCOOKE 30.05.13
C	CLIENT AMENDMENTS	S.MCCOLLUCH 07.05.13	PLAMBERT 07.05.13	NCOOKE 07.05.13
B	FOR INFORMATION	WCHAMBERS 15.02.13	PLAMBERT 15.02.13	NCOOKE 15.02.13
A	FOR INFORMATION	S.MCCOLLUCH 30.04.12	WCHAMBERS 08.05.12	NCOOKE 08.05.12

Version: Amendment: Client: Approved Date: Approved Date: Approved Date:

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 3 OF 15 COLLEGE MILL TROUT FARM

Scale: (at A4 size) 1:100

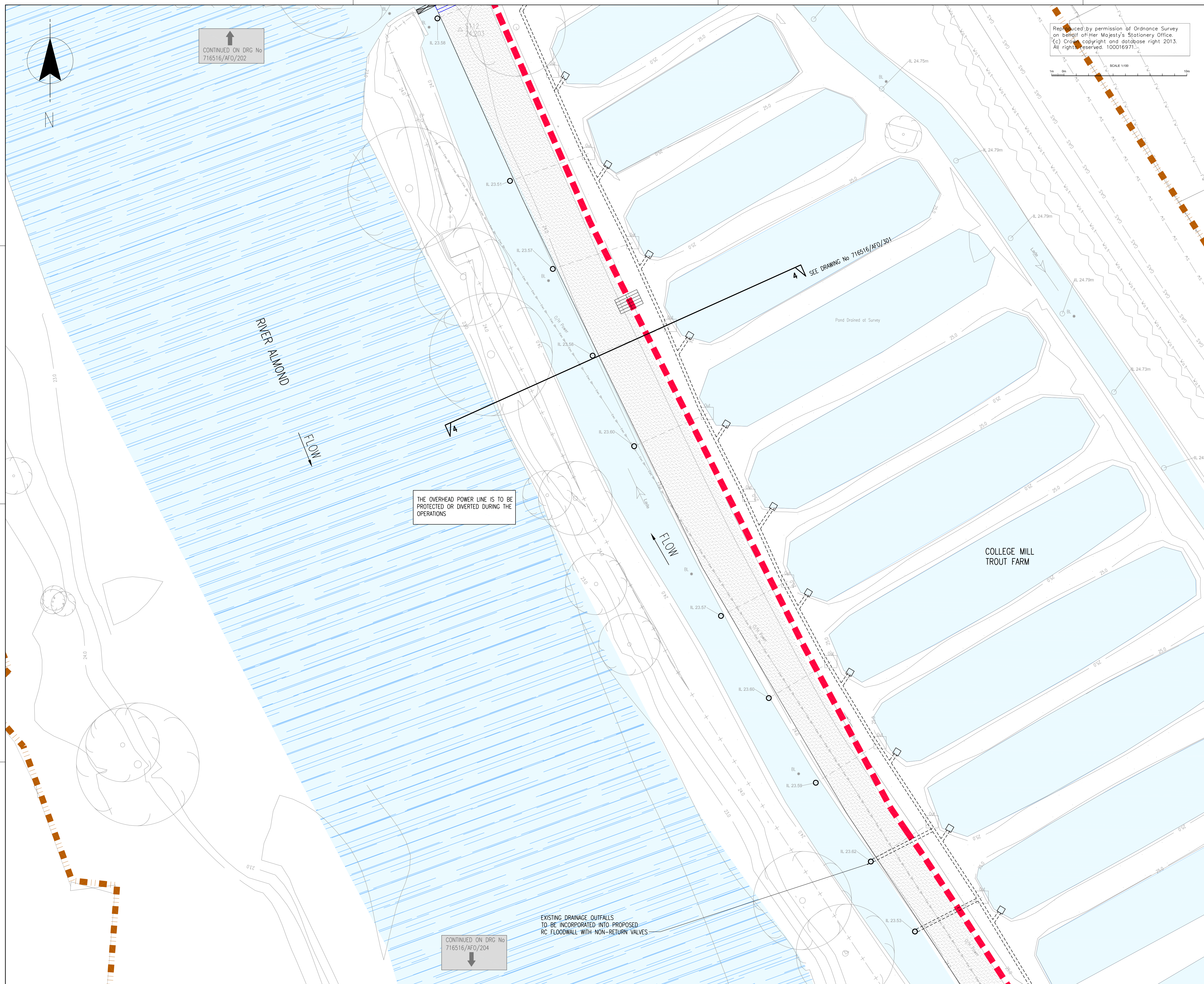
Purpose of Issue: FLOOD PROTECTION OPERATIONS

Office: LIVERPOOL

Tel No: 0151 237-4200

Drawing No: 716516/AF0/202

Version: E



NOTES

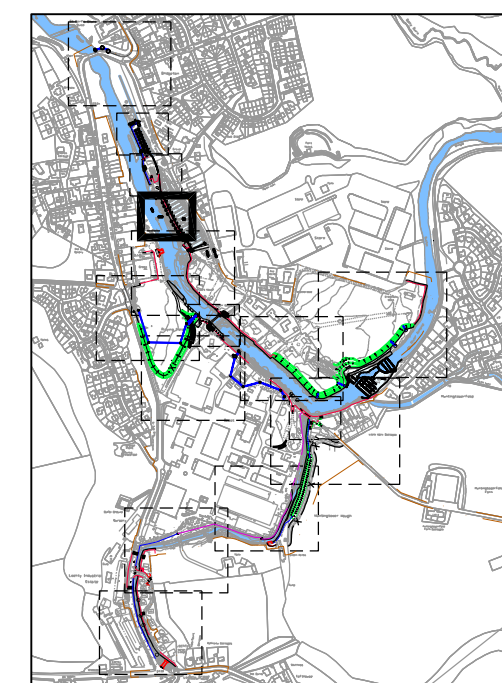
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE ALMONDBANK FLOOD PROTECTION SCHEME 2013.
3. THE PLANS SHOW THE LENGTH OF THE RIVER ALMOND AND THE EAST POW BURN WILL BE FINISHED WITH A SCHEME OF PLANTING AND LANDSCAPING.
4. ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW PREVENTION MEASURES.
5. INFORMATION RECEIVED FROM STAFFORY UNDERTAKERS HAS BEEN USED TO IDENTIFY LOCATIONS OF SERVICES, EXACT LOCATIONS OF THESE SERVICES WILL BE DETERMINED DURING DETAILED DESIGN.

LEGEND

- REINFORCED CONCRETE WALL CAST WITH A SUITABLE AESTHETIC FINISH
 ———— RETAINING WALL
 - - - - - SHEET PILE WALL
 ———— SHEET PILE WALL WITH CLADDING
 - - - - - KERB DRAINAGE SYSTEM
 — x — x — x — x — PROPOSED FENCING
 - - - - - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSES OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
 [Cross-hatched] PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
 [Diagonal hatched] EXISTING EROSION PROTECTION
 [Grey solid] RAISED ROAD/ ACCESS TRACK
 [Light grey solid] SURFACE WATER DRAINAGE CHANNEL
 [Box with dots] CONCRETE
 [Box with small circles] GRAVEL
 [V-shape] OUTFALL
 [Circular with arrows] SURFACE WATER DRAINAGE SYSTEM
 [Dashed line] SECONDARY SPILL OFF SYSTEM
 [Green hatched] EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
 1/1 1/2 SECTION MARKERS
 ○ EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 [Arrow pointing to TF02] START LOCATION OF REFERENCED OPERATION
 [Vertical lines] ACCESS STEPS
 [X-shape] GATE ACCESS
 [Horizontal bar] SLUICE

SERVICES

- | | | | | | |
|-------------|----|-------------------------|---------|----|----------------|
| — BT — | BT | TELECOMS | — FW — | FW | FOUL WATER |
| — Elec OH — | | OVERHEAD ELECTRICITY | — SW — | SW | SURFACE WATER |
| — Elec UG — | | UNDERGROUND ELECTRICITY | — Wat — | | WATER MAIN |
| — GAS — | | GAS | — CS — | | COMBINED SEWER |



THIS IS THE PLAN MARKED **716516/WFO/203** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK
FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

E	CLIENT AMENDMENTS	M-CHAMBERS 28.06.13	P-AMBERT 28.06.13	N-COONE 28.06.13
D	CLIENT AMENDMENTS	S-MOOLLOCH 30.05.13	P-AMBERT 30.05.13	N-COONE 30.05.13
C	CLIENT AMENDMENTS	S-MOOLLOCH 07.05.13	P-AMBERT 07.05.13	N-COONE 07.05.13
B	FOR INFORMATION	M-CHAMBERS 15.02.13	P-AMBERT 15.02.13	N-COONE 15.02.13
A	FOR INFORMATION	S-MOOLLOCH 30.04.12	M-CHAMBERS 06.05.12	N-COONE 06.05.12
Mission	Amendment	Drawn	Checked	Approved

1. <i>Chlorophyll a</i>	1. <i>Chlorophyll a</i>
2. <i>Chlorophyll b</i>	2. <i>Chlorophyll b</i>
3. <i>Chlorophyll c</i>	3. <i>Chlorophyll c</i>
4. <i>Chlorophyll d</i>	4. <i>Chlorophyll d</i>
5. <i>Chlorophyll e</i>	5. <i>Chlorophyll e</i>
6. <i>Chlorophyll f</i>	6. <i>Chlorophyll f</i>
7. <i>Chlorophyll g</i>	7. <i>Chlorophyll g</i>
8. <i>Chlorophyll h</i>	8. <i>Chlorophyll h</i>
9. <i>Chlorophyll i</i>	9. <i>Chlorophyll i</i>
10. <i>Chlorophyll j</i>	10. <i>Chlorophyll j</i>
11. <i>Chlorophyll k</i>	11. <i>Chlorophyll k</i>
12. <i>Chlorophyll l</i>	12. <i>Chlorophyll l</i>
13. <i>Chlorophyll m</i>	13. <i>Chlorophyll m</i>
14. <i>Chlorophyll n</i>	14. <i>Chlorophyll n</i>
15. <i>Chlorophyll o</i>	15. <i>Chlorophyll o</i>
16. <i>Chlorophyll p</i>	16. <i>Chlorophyll p</i>
17. <i>Chlorophyll q</i>	17. <i>Chlorophyll q</i>
18. <i>Chlorophyll r</i>	18. <i>Chlorophyll r</i>
19. <i>Chlorophyll s</i>	19. <i>Chlorophyll s</i>
20. <i>Chlorophyll t</i>	20. <i>Chlorophyll t</i>
21. <i>Chlorophyll u</i>	21. <i>Chlorophyll u</i>
22. <i>Chlorophyll v</i>	22. <i>Chlorophyll v</i>
23. <i>Chlorophyll w</i>	23. <i>Chlorophyll w</i>
24. <i>Chlorophyll x</i>	24. <i>Chlorophyll x</i>
25. <i>Chlorophyll y</i>	25. <i>Chlorophyll y</i>
26. <i>Chlorophyll z</i>	26. <i>Chlorophyll z</i>
27. <i>Chlorophyll aa</i>	27. <i>Chlorophyll aa</i>
28. <i>Chlorophyll ab</i>	28. <i>Chlorophyll ab</i>
29. <i>Chlorophyll ac</i>	29. <i>Chlorophyll ac</i>
30. <i>Chlorophyll ad</i>	30. <i>Chlorophyll ad</i>
31. <i>Chlorophyll ae</i>	31. <i>Chlorophyll ae</i>
32. <i>Chlorophyll af</i>	32. <i>Chlorophyll af</i>
33. <i>Chlorophyll ag</i>	33. <i>Chlorophyll ag</i>
34. <i>Chlorophyll ah</i>	34. <i>Chlorophyll ah</i>
35. <i>Chlorophyll ai</i>	35. <i>Chlorophyll ai</i>
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37. <i>Chlorophyll ak</i>	37. <i>Chlorophyll ak</i>
38. <i>Chlorophyll al</i>	38. <i>Chlorophyll al</i>
39. <i>Chlorophyll am</i>	39. <i>Chlorophyll am</i>
40. <i>Chlorophyll an</i>	40. <i>Chlorophyll an</i>
41. <i>Chlorophyll ao</i>	41. <i>Chlorophyll ao</i>
42. <i>Chlorophyll ap</i>	42. <i>Chlorophyll ap</i>
43. <i>Chlorophyll aq</i>	43. <i>Chlorophyll aq</i>
44. <i>Chlorophyll ar</i>	44. <i>Chlorophyll ar</i>
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47. <i>Chlorophyll au</i>	47. <i>Chlorophyll au</i>
48. <i>Chlorophyll av</i>	48. <i>Chlorophyll av</i>
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51. <i>Chlorophyll ay</i>	51. <i>Chlorophyll ay</i>
52. <i>Chlorophyll az</i>	52. <i>Chlorophyll az</i>
53. <i>Chlorophyll ba</i>	53. <i>Chlorophyll ba</i>
54. <i>Chlorophyll bb</i>	54. <i>Chlorophyll bb</i>
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57. <i>Chlorophyll be</i>	57. <i>Chlorophyll be</i>
58. <i>Chlorophyll bf</i>	58. <i>Chlorophyll bf</i>
59. <i>Chlorophyll bg</i>	59. <i>Chlorophyll bg</i>
60. <i>Chlorophyll bh</i>	60. <i>Chlorophyll bh</i>
61. <i>Chlorophyll bi</i>	61. <i>Chlorophyll bi</i>
62. <i>Chlorophyll bj</i>	62. <i>Chlorophyll bj</i>
63. <i>Chlorophyll bk</i>	63. <i>Chlorophyll bk</i>
64. <i>Chlorophyll bl</i>	64. <i>Chlorophyll bl</i>
65. <i>Chlorophyll bm</i>	65. <i>Chlorophyll bm</i>
66. <i>Chlorophyll bn</i>	66. <i>Chlorophyll bn</i>
67. <i>Chlorophyll bo</i>	67. <i>Chlorophyll bo</i>
68. <i>Chlorophyll bp</i>	68. <i>Chlorophyll bp</i>
69. <i>Chlorophyll bq</i>	69. <i>Chlorophyll bq</i>
70. <i>Chlorophyll br</i>	70. <i>Chlorophyll br</i>
71. <i>Chlorophyll bs</i>	71. <i>Chlorophyll bs</i>
72. <i>Chlorophyll bt</i>	72. <i>Chlorophyll bt</i>
73. <i>Chlorophyll bu</i>	73. <i>Chlorophyll bu</i>
74. <i>Chlorophyll bv</i>	74. <i>Chlorophyll bv</i>
75. <i>Chlorophyll bw</i>	75. <i>Chlorophyll bw</i>
76. <i>Chlorophyll bx</i>	76. <i>Chlorophyll bx</i>
77. <i>Chlorophyll by</i>	77. <i>Chlorophyll by</i>
78. <i>Chlorophyll bz</i>	78. <i>Chlorophyll bz</i>
79. <i>Chlorophyll ca</i>	79. <i>Chlorophyll ca</i>
80. <i>Chlorophyll cb</i>	80. <i>Chlorophyll cb</i>
81. <i>Chlorophyll cc</i>	81. <i>Chlorophyll cc</i>
82. <i>Chlorophyll cd</i>	82. <i>Chlorophyll cd</i>
83. <i>Chlorophyll ce</i>	83. <i>Chlorophyll ce</i>
84. <i>Chlorophyll cf</i>	84. <i>Chlorophyll cf</i>
85. <i>Chlorophyll cg</i>	85. <i>Chlorophyll cg</i>
86. <i>Chlorophyll ch</i>	86. <i>Chlorophyll ch</i>
87. <i>Chlorophyll ci</i>	87. <i>Chlorophyll ci</i>
88. <i>Chlorophyll cj</i>	88. <i>Chlorophyll cj</i>
89. <i>Chlorophyll ck</i>	89. <i>Chlorophyll ck</i>
90. <i>Chlorophyll cl</i>	90. <i>Chlorophyll cl</i>
91. <i>Chlorophyll cm</i>	91. <i>Chlorophyll cm</i>
92. <i></i>	

ALMONDBANK FLOOD PROTECTION SCHEME

PERMITS/DBP FLOOD PROTECTION

Drawing Title

FLOOD PROTECTION OPERATIONS

SHEET 4 OF 15

COLLEGE MILL TROUT FARM

[illegible]

mouchol

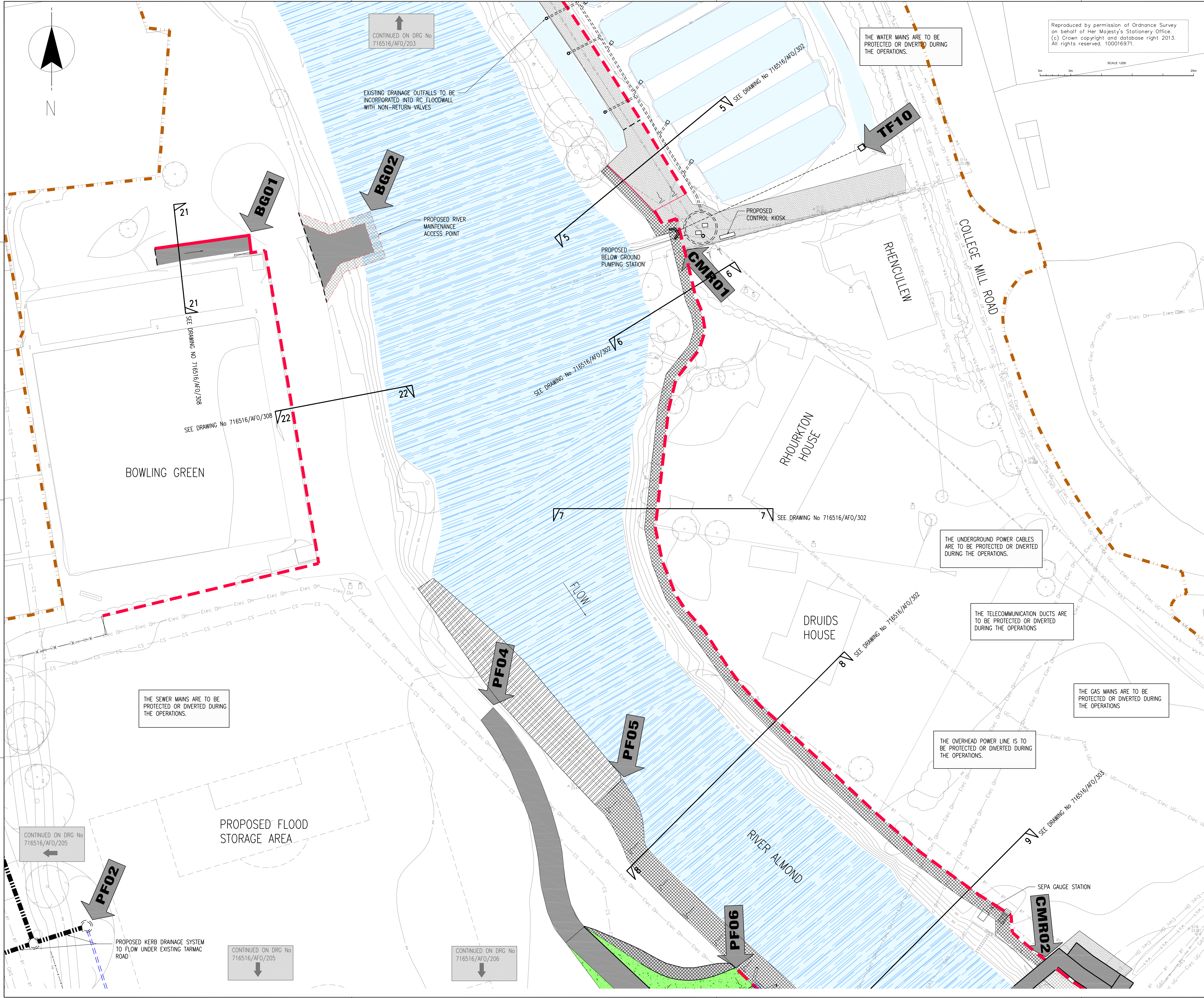
Mouchet

building great relationships

Office	Tel No
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OTDI	TRFAD
1458000	0454 037

LIVERPOOL	0151 237
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NOTES

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- ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW 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.

LEGEND

REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH

RETAINING WALL

SHEET PILE WALL

SHEET PILE WALL WITH CLADDING

KERB DRAINAGE SYSTEM

PROPOSED SECURITY FENCING

LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.

PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)

EXISTING EROSION PROTECTION

RAISED ROAD/ACCESS TRACK

SURFACE WATER DRAINAGE CHANNEL

CONCRETE

GRAVEL

OUTFALL

SURFACE WATER DRAINAGE SYSTEM

SECONDARY SPILL OFF SYSTEM

EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)

EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES

ACCESS STEPS

SLUICE

SECTION MARKERS

START LOCATION OF REFERENCED OPERATION

GATE ACCESS

SERVICES

TELECOMS

OVERHEAD ELECTRICITY

UNDERGROUND ELECTRICITY

GAS

FOUL WATER

SURFACE WATER

WATER MAIN

COMBINED SEWER

THIS IS THE PLAN MARKED **716516/AFO/204** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

E	CLIENT AMENDMENTS	W.CHAMBERS	20.06.13	PLUMBERT	20.06.13	N.COOPER	20.06.13
D	CLIENT AMENDMENTS	S.MCCOLLUCH	30.05.13	PLUMBERT	30.05.13	N.COOPER	30.05.13
C	CLIENT AMENDMENTS	S.MCCOLLUCH	07.05.13	PLUMBERT	07.05.13	N.COOPER	07.05.13
B	FOR INFORMATION	W.CHAMBERS	15.02.13	PLUMBERT	15.02.13	N.COOPER	15.02.13
A	FOR INFORMATION	S.MCCOLLUCH	30.04.12	W.CHAMBERS	08.05.12	N.COOPER	08.05.12

Version

Amendment

Drawn

Checked

Drawn

Approved

Date

Project

ALMONDBANK FLOOD PROTECTION SCHEME

Client

Drawing Title

FLOOD PROTECTION OPERATIONS
SHEET 5 OF 15
TROUT FARM, BOWLING GREEN AND
PLAYING FIELD FLOOD STORAGE AREA

Scale (at A0 size)

1:200

Purpose of Issue

FLOOD PROTECTION OPERATIONS

Office

LIVERPOOL

Tel No

0151 237-4200

Drawing No

716516/AFO/204

Version

E

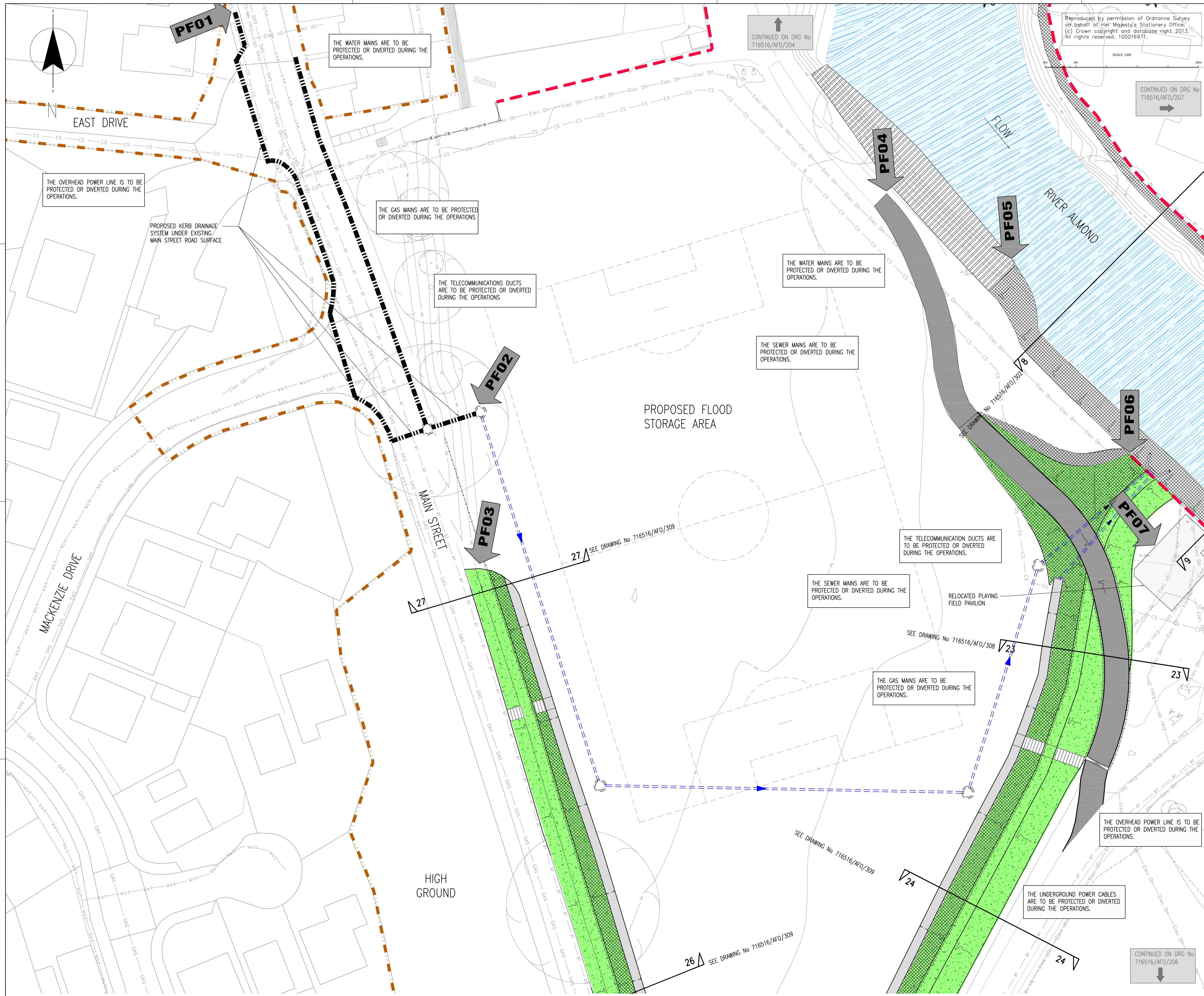
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0m

10m

20m

SCALE 1:200



NOTES

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LEGEND

	REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
	RETAINING WALL
	SHEET PILE WALL
	SHEET PILE WALL WITH CLADDING
	KERB DRAINAGE SYSTEM
	PROPOSED SECURITY FENCING
	LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
	PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
	EXISTING EROSION PROTECTION
	RAISED ROAD/ACCESS TRACK
	SURFACE WATER DRAINAGE CHANNEL
	CONCRETE
	GRAVEL
	EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
	OUTFALL
	SURFACE WATER DRAINAGE SYSTEM
	SECONDARY SPILL OFF SYSTEM
	SECTION MARKERS
	EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
	START LOCATION OF REFERENCED OPERATION
	LOCKABLE BARRIER TO PREVENT VEHICLE ACCESS DURING FLOOD EVENT
	ACCESS STEPS
	SLUICE
	GATE ACCESS

SERVICES

BT	TELECOMS	FW	FOUL WATER
Elec OH	OVERHEAD ELECTRICITY	SW	SURFACE WATER
Elec UG	UNDERGROUND ELECTRICITY	Wat	WATER MAIN
GAS	GAS	CS	COMBINED SEWER

THIS IS THE PLAN MARKED **716516/AFO/205** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013.

PROPER OFFICER

(Signature) _____

FOR PERTH AND KINROSS COUNCIL

(Date) _____

	W CHAMBERS	PLAMBERT	N COOKE
E CLIENT AMENDMENTS	20.04.13	30.05.13	N COOKE
D CLIENT AMENDMENTS	30.05.13	30.05.13	N COOKE
C CLIENT AMENDMENTS	30.05.13	30.05.13	N COOKE
B FOR INFORMATION	07.05.13	07.05.13	07.05.13
A FOR INFORMATION	15.02.13	15.02.13	15.02.13
	30.04.12	08.05.12	08.05.12

Version: _____ Amendment: _____

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Client: PERTH & KINROSS COUNCIL

Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 6 OF 15 PLAYING FIELD FLOOD STORAGE AREA

Scale: 1:200

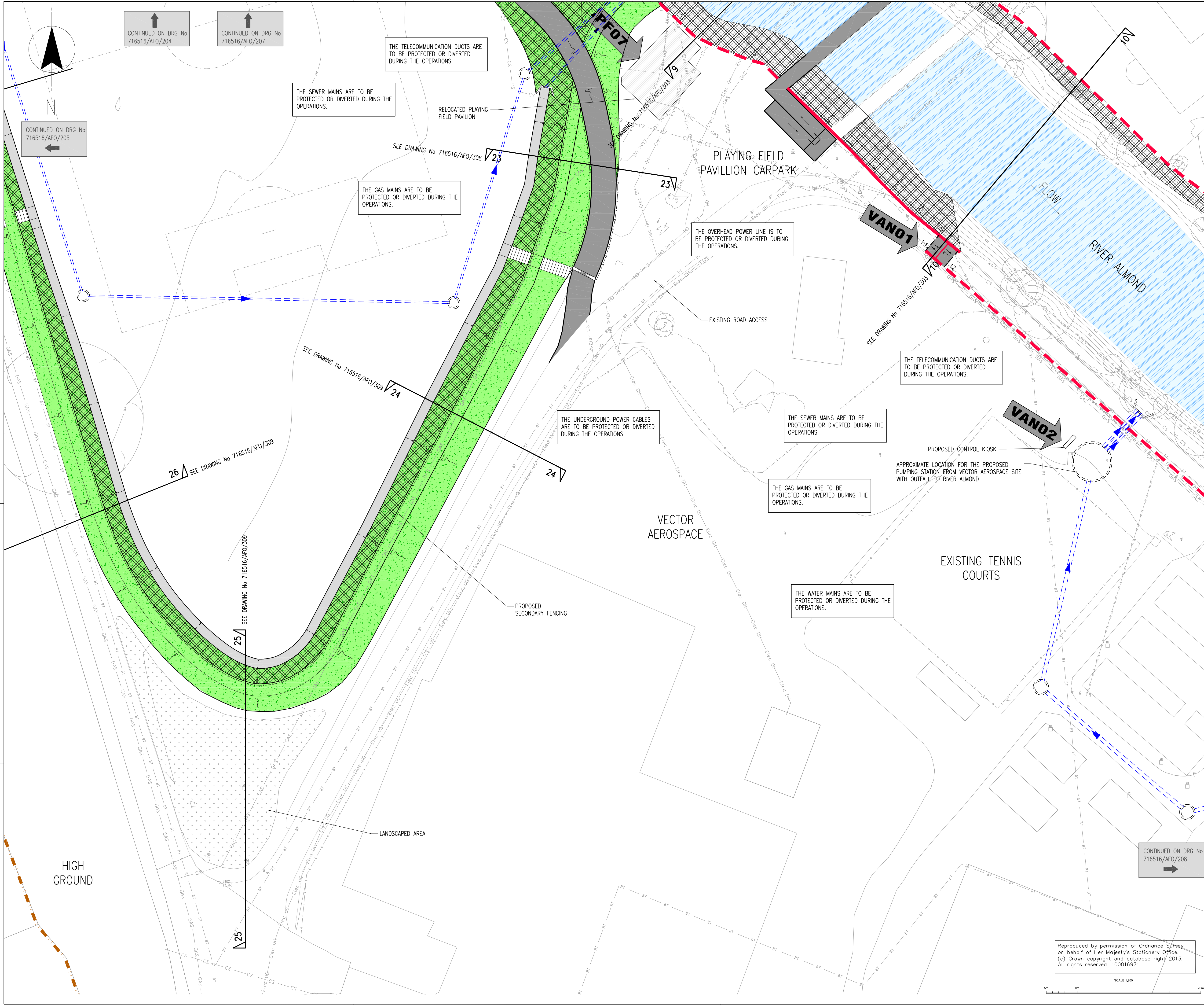
Purpose of Issue: FLOOD PROTECTION OPERATIONS

Office: LIVERPOOL

Tel No: 0151 242-4200

Drawing No: 716516/AFO/205

Version: E



NOTES

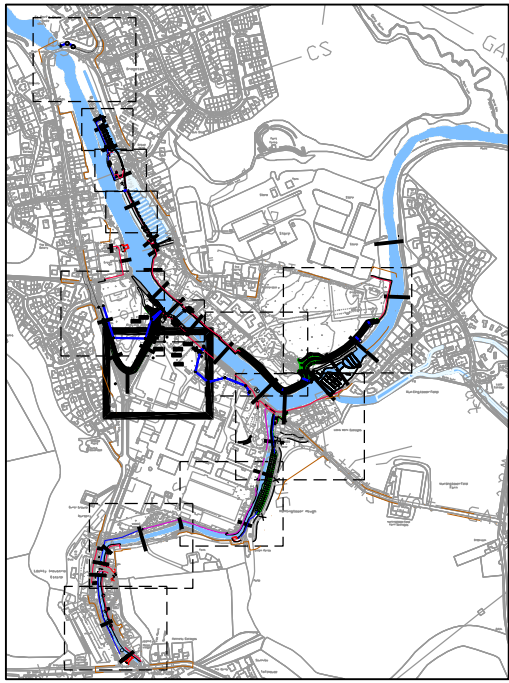
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
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LEGEND

- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH.
- RETAINING WALL
- SHEET PILE WALL
- SHEET PILE WALL WITH CLADDING
- KERB DRAINAGE SYSTEM
- PROPOSED SECURITY FENCING
- LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
- PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
- EXISTING EROSION PROTECTION
- RAISED ROAD/ ACCESS TRACK
- SURFACE WATER DRAINAGE CHANNEL
- CONCRETE
- GRAVEL
- EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
- OUTFALL
- SURFACE WATER DRAINAGE SYSTEM
- SECONDARY SPILL OFF SYSYEM
- EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
- ACCESS STEPS
- SLUICE
- LOCKABLE BARRIER TO PREVENT VEHICLE ACCESS DURING FLOOD EVENT
- START LOCATION OF REFERENCED OPERATION
- SECTION MARKERS

SERVICES

- BT TELECOMS
- FW FOUL WATER
- SW SURFACE WATER
- Wat WATER MAIN
- CS COMBINED SEWER
- Overhead Electricity
- Underground Electricity
- Gas



THIS IS THE PLAN MARKED **716516/AFO/206** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature) _____

FOR PERTH AND KINROSS COUNCIL

(date) _____

E	CLIENT AMENDMENTS	W.CHAMBERS	20.06.13	PLUMBERT	20.06.13	N.COOPER	20.06.13
D	CLIENT AMENDMENTS	S.MCCOLLUCH	30.05.13	PLUMBERT	30.05.13	N.COOPER	30.05.13
C	CLIENT AMENDMENTS	S.MCCOLLUCH	07.05.13	PLUMBERT	07.05.13	N.COOPER	07.05.13
B	FOR INFORMATION	W.CHAMBERS	15.02.13	PLUMBERT	15.02.13	N.COOPER	15.02.13
A	FOR INFORMATION	S.MCCOLLUCH	01.05.12	W.CHAMBERS	08.05.12	N.COOPER	08.05.12
Version		Drawn	Date	Checked	Date	Approved	Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title FLOOD PROTECTION OPERATIONS
SHEET 7 OF 15
VECTOR AEROSPACE AND
PLAYING FIELD FLOOD STORAGE AREA



building great relationships



Perth & Kinross Council

Scale: 1:200

Purpose of Issue: FLOOD PROTECTION OPERATIONS

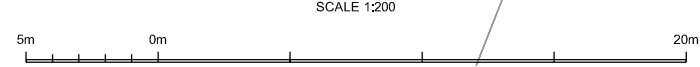
Office: LIVERPOOL

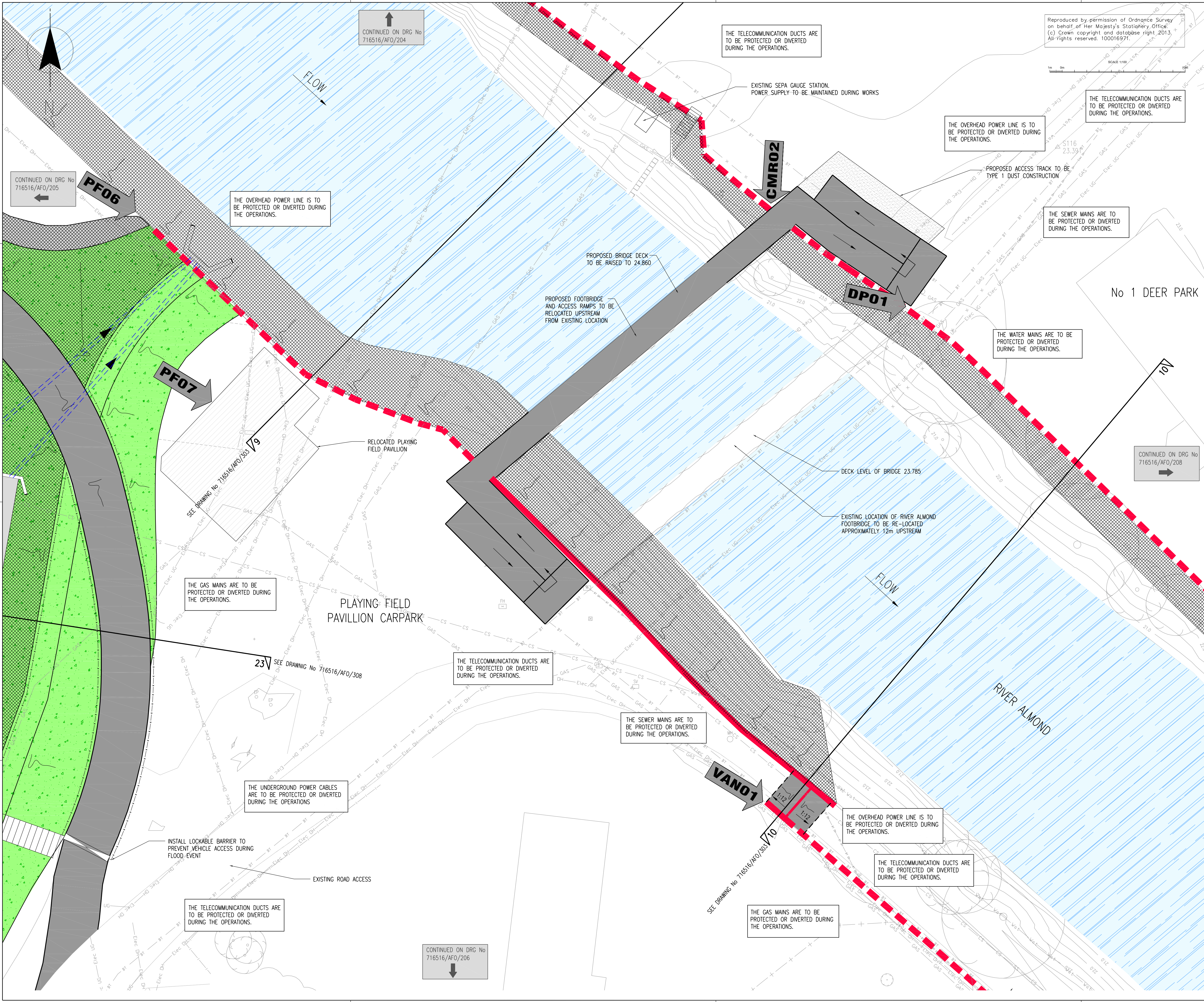
Tel No: 0151 237-4200

Drawing No: 716516/AFO/206

Version: E

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NOTES

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LEGEND

REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH

RETAINING WALL

SHEET PILE WALL

SHEET PILE WALL WITH CLADDING

KERB DRAINAGE SYSTEM

PROPOSED SECURITY FENCING

LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.

PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)

EXISTING EROSION PROTECTION

RAISED ROAD/ACCESS TRACK

SURFACE WATER DRAINAGE CHANNEL

CONCRETE

GRAVEL

EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)

EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES

ACCESS STEPS

SLUICE

SECTION MARKERS

OUTFALL

SURFACE WATER DRAINAGE SYSTEM

SECONDARY SPILL OFF SYSTEM

EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES

ACCESS STEPS

SLUICE

SERVICES

BT

BT

TELECOMS

FW

FW

FOUL WATER

Eltec OH

OVERHEAD ELECTRICITY

SW

SW

SURFACE WATER

Eltec UG

UNDERGROUND ELECTRICITY

Wall

WATER MAIN

GAS

GAS

CS

COMBINED SEWER

THIS IS THE PLAN MARKED **716516/AFO/207** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013.

PROPER OFFICER

(Signature) _____

FOR PERTH AND KINROSS COUNCIL

(date) _____

	MEMBERS	PLANNING	NCOCKE
F CLIENT AMENDMENTS	28.06.13	28.06.13	28.06.13
E CLIENT AMENDMENTS	S.MCCOLLUM 17.06.13	A.MILLING 17.06.13	NCOCKE 17.06.13
D CLIENT AMENDMENTS	S.MCCOLLUM 30.05.13	PLANNING 30.05.13	NCOCKE 30.05.13
C CLIENT AMENDMENTS	S.MCCOLLUM 07.05.13	PLANNING 07.05.13	NCOCKE 07.05.13
B FOR INFORMATION	MEMBERS 15.02.13	PLANNING 15.02.13	NCOCKE 15.02.13
A FOR INFORMATION	S.MCCOLLUM 30.04.12	MEMBERS 08.05.12	NCOCKE 08.05.12

Version

Amendment

Client

Project

ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title

FLOOD PROTECTION OPERATIONS
SHEET 8 OF 15
RIVER ALMOND FOOTBRIDGE

Scale (at A0 size)

1:100

Purpose of Issue

FLOOD PROTECTION OPERATIONS

Office

LIVERPOOL

Tel No

0151 242-4200

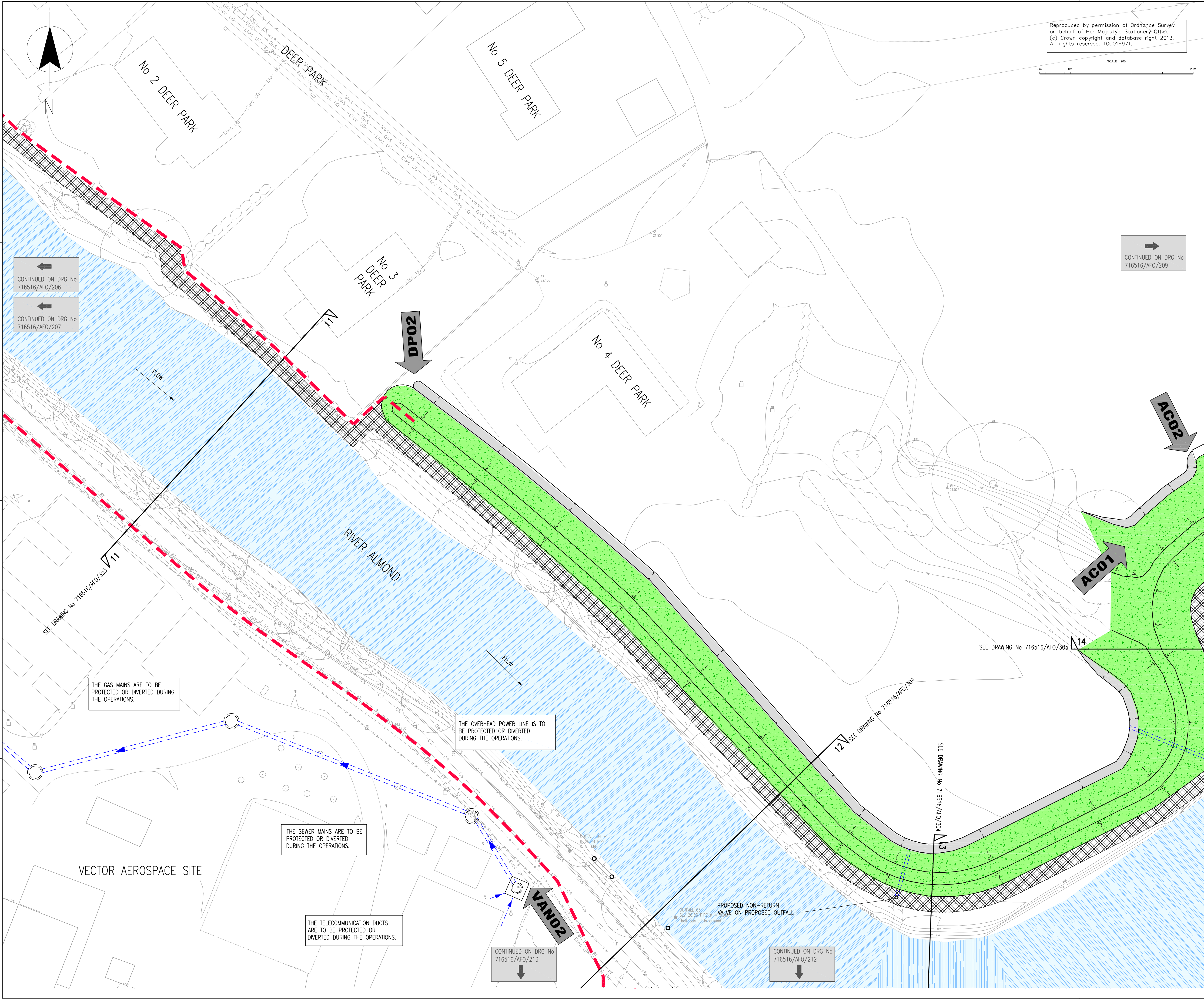
Drawing No

716516/AFO/207

Version

F

building great relationships



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SCALE 1:200

CONTINUED ON DRG No
716516/AFO/209

CONTINUED ON DRG No
716516/AFO/206

CONTINUED ON DRG No
716516/AFO/207

SEE DRAWING No 716516/AFO/303

THE GAS MAINS ARE TO BE
PROTECTED OR DIVERTED
DURING THE OPERATIONS.

THE OVERHEAD POWER LINE IS TO
BE PROTECTED OR DIVERTED
DURING THE OPERATIONS.

THE SEWER MAINS ARE TO BE
PROTECTED OR DIVERTED
DURING THE OPERATIONS.

THE TELECOMMUNICATION DUCTS
ARE TO BE PROTECTED OR
DIVERTED DURING THE OPERATIONS.

CONTINUED ON DRG No
716516/AFO/213

CONTINUED ON DRG No
716516/AFO/212

SEE DRAWING No 716516/AFO/305

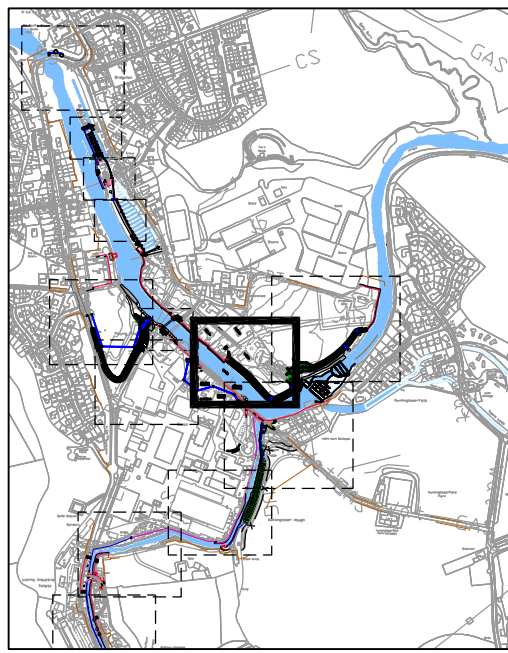
SEE DRAWING No 716516/AFO/304

SEE DRAWING No 716516/AFO/304

- ### NOTES
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
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- ### LEGEND
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
 - PROPOSED SECURITY FENCING
 - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
 - PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
 - EXISTING EROSION PROTECTION
 - RAISED ROAD/ACCESS TRACK
 - SURFACE WATER DRAINAGE CHANNEL
 - CONCRETE
 - GRAVEL
 - OUTFALL
 - SURFACE WATER DRAINAGE SYSTEM
 - SECONDARY SPILL OFF SYSYEM
 - EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
 - SECTION MARKERS
 - EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 - START LOCATION OF REFERENCED OPERATION
 - ACCESS STEPS
 - GATE ACCESS
 - SLUICE

- ### SERVICES
- BT BT TELECOMS
 - FW FW FOUL WATER
 - Elecc OH OVERHEAD ELECTRICITY
 - SW SW SURFACE WATER
 - Elecc UG UNDERGROUND ELECTRICITY
 - Wat WATER MAIN
 - GAS GAS
 - CS COMBINED SEWER



THIS IS THE PLAN MARKED **716516/AFO/208** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature) _____

FOR PERTH AND KINROSS COUNCIL

(date) _____

E	CLIENT AMENDMENTS	W CHAMBERS	PLUMBERT	N COOKE
D	CLIENT AMENDMENTS	S MCCOLLUCH	PLUMBERT	N COOKE
C	CLIENT AMENDMENTS	S MCCOLLUCH	PLUMBERT	N COOKE
B	FOR INFORMATION	W CHAMBERS	PLUMBERT	N COOKE
A	FOR INFORMATION	S MCCOLLUCH	PLUMBERT	N COOKE
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title FLOOD PROTECTION OPERATIONS

SHEET 9 OF 15

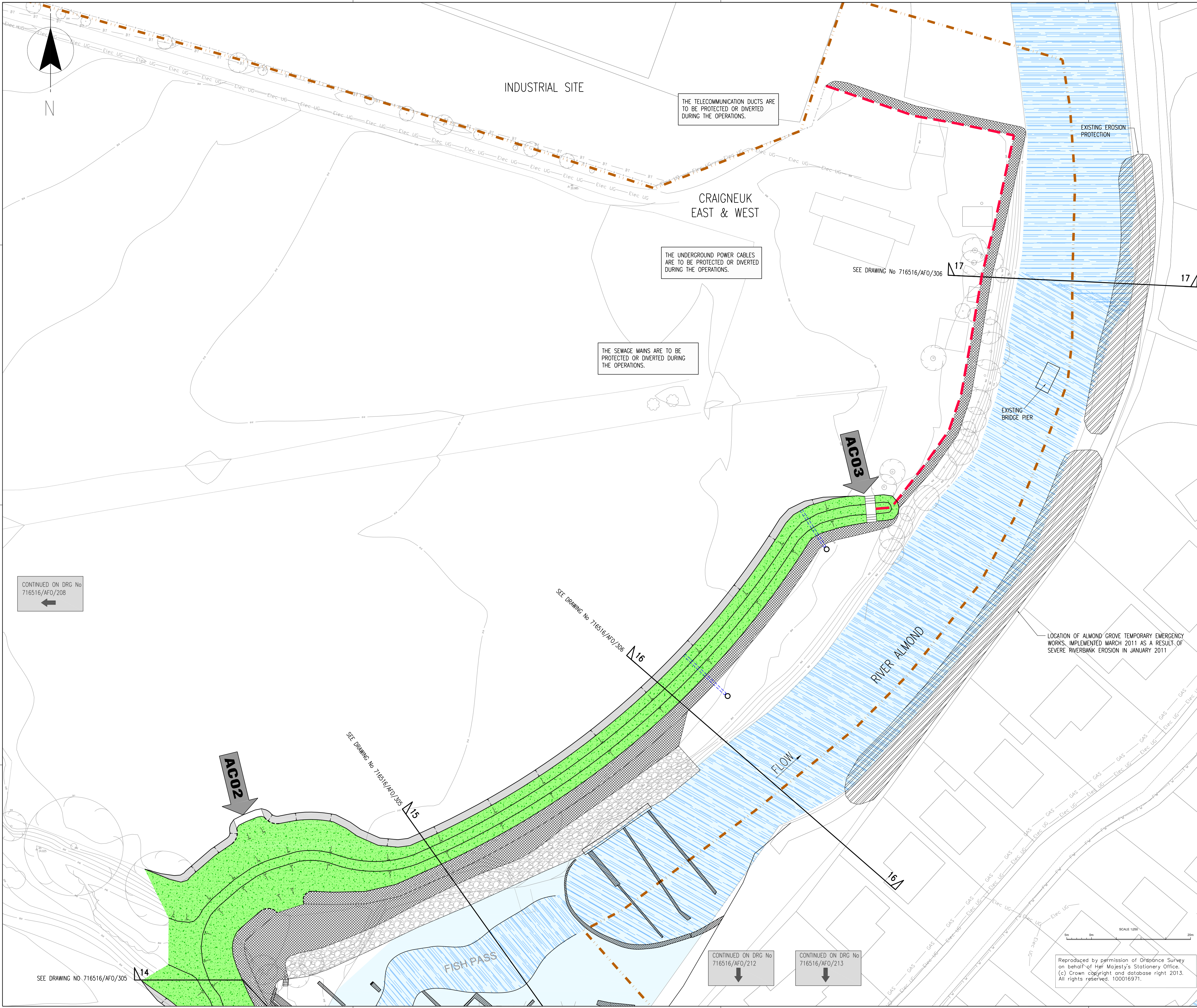
DEER PARK & VECTOR AEROSPACE

mouchel building great relationships

1:200

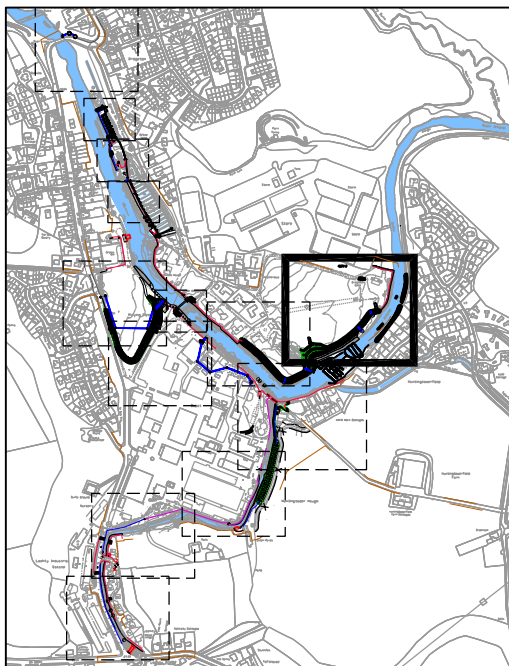
Purpose of Issue FLOOD PROTECTION OPERATIONS

Office LIVERPOOL Tel No 0151 237-4200 Drawing No 716516/AFO/208 Version E



- NOTES**
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
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- LEGEND**
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
 - PROPOSED SECURITY FENCING
 - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
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 - EXISTING EROSION PROTECTION
 - RAISED ROAD/ACCESS TRACK
 - SURFACE WATER DRAINAGE CHANNEL
 - CONCRETE
 - GRAVEL
 - EXISTING ROCK ARMOUR
 - OUTFALL
 - SURFACE WATER DRAINAGE SYSTEM
 - SECONDARY SPILL OFF SYSTEM
 - EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
 - SECTION MARKERS
 - EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 - START LOCATION OF REFERENCED OPERATION
 - ACCESS STEPS
 - GATE ACCESS
 - SLUICE
- SERVICES**
- BT TELECOMS
 - FW FOUL WATER
 - SW SURFACE WATER
 - OW OVERHEAD ELECTRICITY
 - WM WATER MAIN
 - UG UNDERGROUND ELECTRICITY
 - CS COMBINED SEWER
 - GAS



THIS IS THE PLAN MARKED **716516/AF0/208** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER
(Signature)
FOR PERTH AND KINROSS COUNCIL
(date)

E	CLIENT AMENDMENTS	W CHAMBERS	PLAMBERT	N COOKE
D	CLIENT AMENDMENTS	S MCOLLOCH	PLAMBERT	N COOKE
C	CLIENT AMENDMENTS	S MCOLLOCH	PLAMBERT	N COOKE
B	FOR INFORMATION	W CHAMBERS	PLAMBERT	N COOKE
A	FOR INFORMATION	S MCOLLOCH	PLAMBERT	N COOKE

Project: ALMONDBANK FLOOD PROTECTION SCHEME

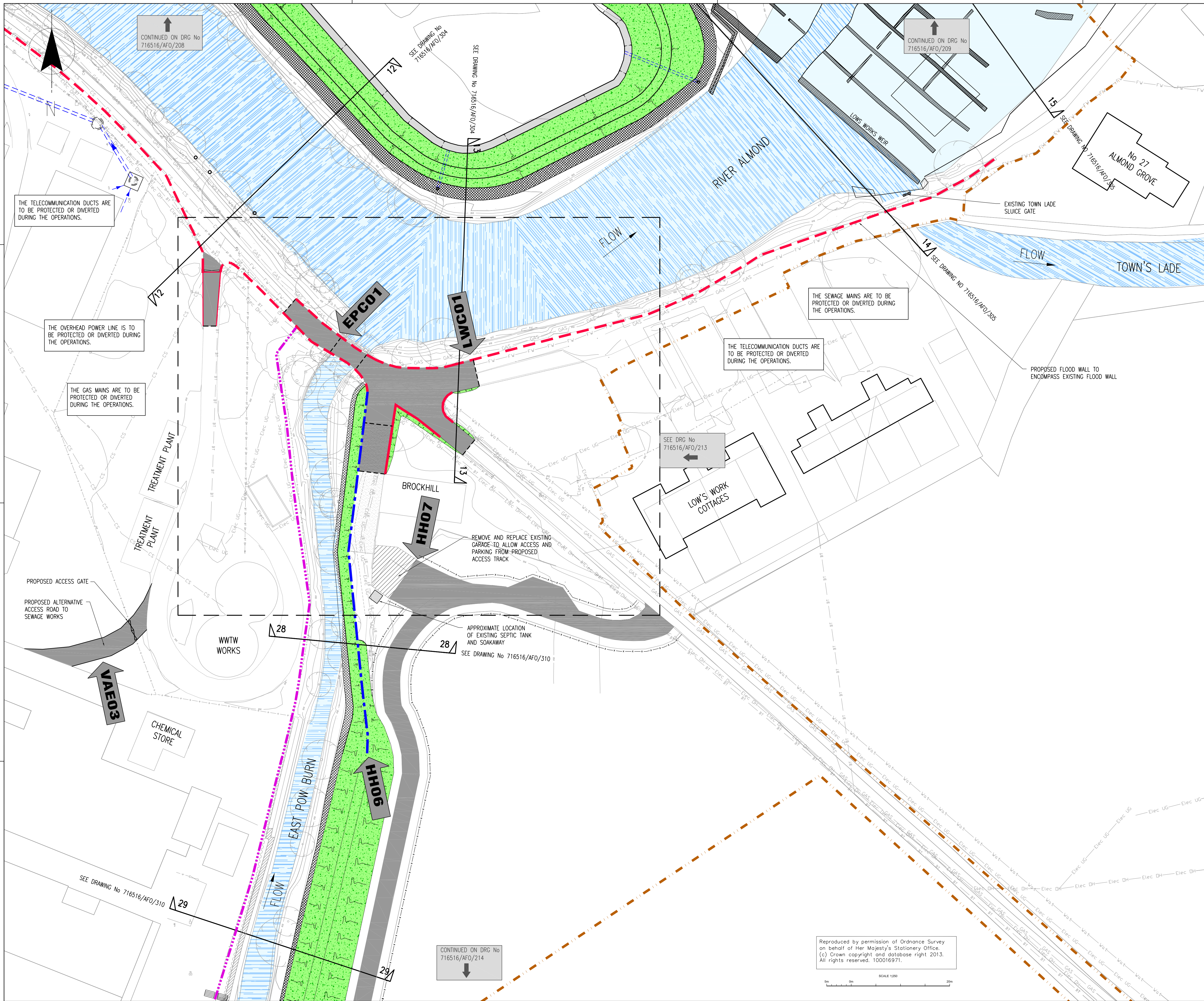
Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 10 OF 15 CRAIGNEUK EAST & WEST

Scale: 1:250

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mouchel building great relationships

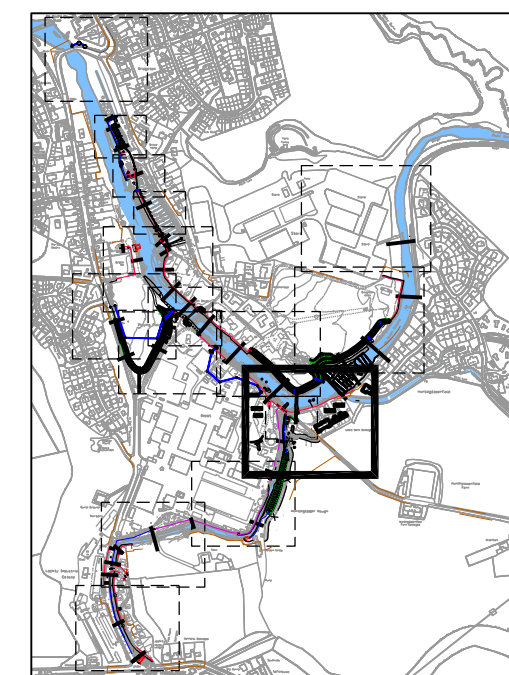
Office: LIVERPOOL Tel No: 0151 237-4200 Drawing No: 716516/AF0/209 Version: E



- ### NOTES
1. THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
 2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE ALMONDBANK FLOOD PROTECTION SCHEME 2013.
 3. OPERATIONS ALONG THE LENGTH OF THE RIVER ALMOND AND THE EAST POW BURN WILL BE FINISHED WITH A SCHEME OF PLANTING AND LANDSCAPING.
 4. ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW PREVENTION MEASURES.
 5. INFORMATION RECEIVED FROM STATUTORY UNDERTAKERS HAS BEEN USED TO IDENTIFY LOCATIONS OF SERVICES, EXACT LOCATIONS OF THESE SERVICES WILL BE DETERMINED DURING DETAILED DESIGN.

- ### LEGEND
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
 - PROPOSED SECURITY FENCING
 - LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.
 - PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)
 - EXISTING EROSION PROTECTION
 - RAISED ROAD/ACCESS TRACK
 - SURFACE WATER DRAINAGE CHANNEL
 - CONCRETE
 - GRAVEL
 - OUTFALL
 - SURFACE WATER DRAINAGE SYSTEM
 - SECONDARY SPILL OFF SYSTEM
 - EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)
 - EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 - ACCESS STEPS
 - SLUICE
 - SECTION MARKERS
 - START LOCATION OF REFERENCED OPERATION
 - GATE ACCESS

- ### SERVICES
- TELECOMS
 - OVERHEAD ELECTRICITY
 - UNDERGROUND ELECTRICITY
 - GAS
 - FOUL WATER
 - SURFACE WATER
 - WATER MAIN
 - COMBINED SEWER



THIS IS THE PLAN MARKED **716516/HO/212** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER
(Signature)
FOR PERTH AND KINROSS COUNCIL

	DATE	BY	FOR
F	28.06.13	PLUMBERT	NCOOKE
E	17.06.13	PLUMBERT	NCOOKE
D	30.05.13	PLUMBERT	NCOOKE
C	07.05.13	PLUMBERT	NCOOKE
B	15.02.13	PLUMBERT	NCOOKE
A	02.05.12	PLUMBERT	NCOOKE

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 11 OF 15 CONFLUENCE OF RIVER ALMOND & EAST POW BURN

Scale: 1:250

Purpose of Issue: FLOOD PROTECTION OPERATIONS

Office: LIVERPOOL

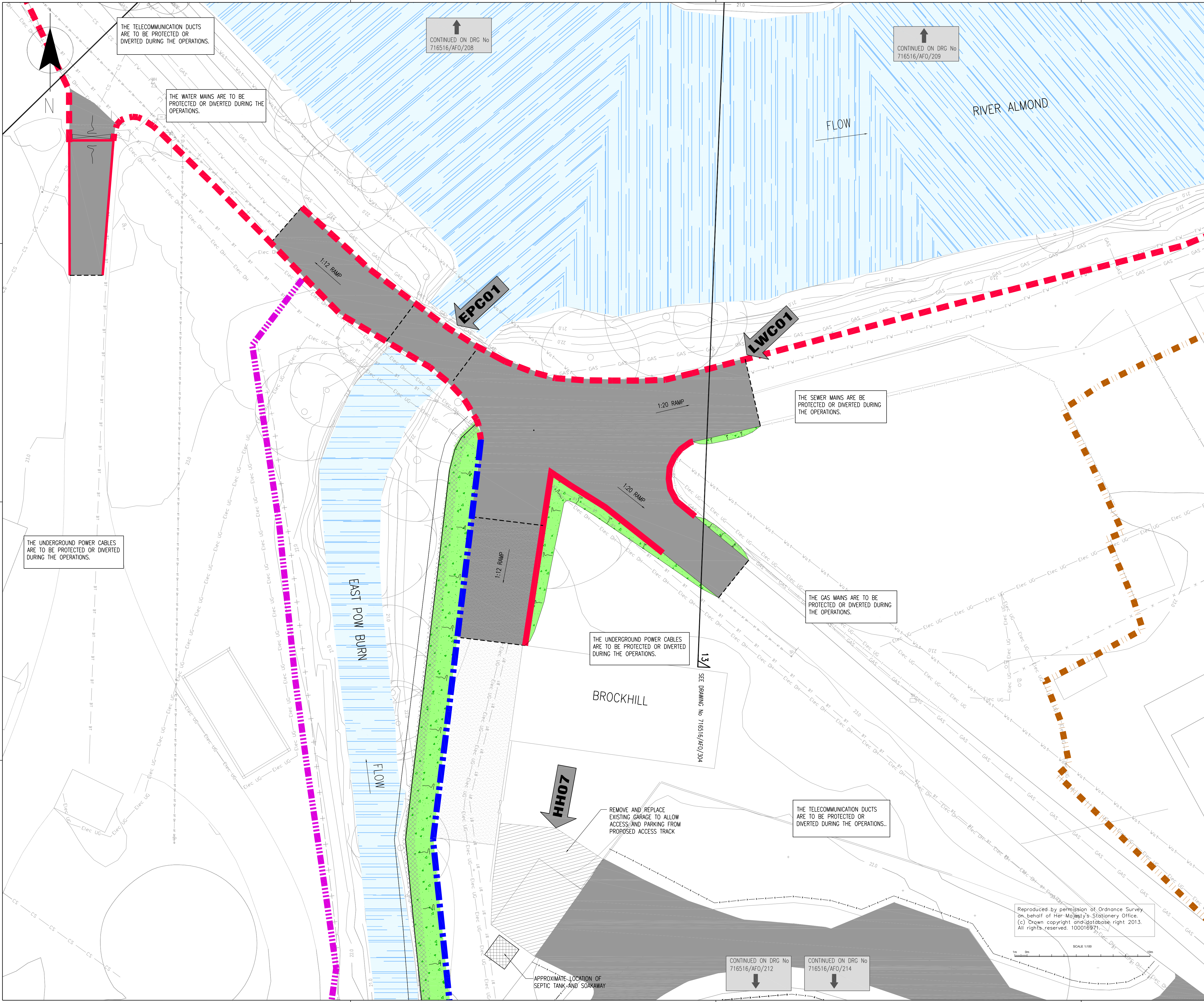
Tel No: 0151 237-4200

Drawing No: 716516/AFO/212

Version: F

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SCALE 1:250



NOTES

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LEGEND

REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH

RETAINING WALL

SHEET PILE WALL

SHEET PILE WALL WITH CLADDING

KERB DRAINAGE SYSTEM

PROPOSED SECURITY FENCING

LIMITS OF LAND AFFECTED BY THE OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSE OF CARRYING OUT THE OPERATIONS AND EXECUTING TEMPORARY WORKS.

PROPOSED EROSION PROTECTION (EXACT EXTENTS TO BE DETERMINED AT DETAIL DESIGN)

EXISTING EROSION PROTECTION

RAISED ROAD/ACCESS TRACK

SURFACE WATER DRAINAGE CHANNEL

CONCRETE

GRAVEL

OUTFALL

SURFACE WATER DRAINAGE SYSTEM

SECONDARY SPILL OFF SYSTEM

EMBANKMENT (WITH IMPERMEABLE CORE WHERE REQUIRED)

EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES

ACCESS STEPS

SLUICE

SECTION MARKERS

START LOCATION OF REFERENCED OPERATION

GATE ACCESS

SERVICES

BT BT TELECOMS

FW FW FOUL WATER

Elec OH OVERHEAD ELECTRICITY

SW SW SURFACE WATER

Elec UG UNDERGROUND ELECTRICITY

Wat Wat WATER MAIN

GAS GAS

CS CS COMBINED SEWER

THIS IS THE PLAN MARKED 716516/WO/213 REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013.

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

	WOMBERS	PLAMBERT	NCOCKE
F CLIENT AMENDMENTS	28.06.13	28.06.13	28.06.13
E CLIENT AMENDMENTS	SACCOLLOCH 17.06.13	AWLINGTON 17.06.13	NCOCKE 17.06.13
D CLIENT AMENDMENTS	SACCOLLOCH 30.05.13	PLAMBERT 30.05.13	NCOCKE 30.05.13
C CLIENT AMENDMENTS	SACCOLLOCH 07.05.13	PLAMBERT 07.05.13	NCOCKE 07.05.13
B FOR INFORMATION	WOMBERS 15.02.13	PLAMBERT 15.02.13	NCOCKE 15.02.13
A FOR INFORMATION	SACCOLLOCH 02.05.12	WOMBERS 08.05.12	NCOCKE 08.05.12

Version

Amendment

Drawn Date

Checked Date

Approved Date

Project

ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title

FLOOD PROTECTION OPERATIONS SHEET 12 OF 15 CONFLUENCE OF RIVER ALMOND & EAST POW BURN

Office

LIVERPOOL

Tel No

0151 237-4200

Drawing No

716516/AFO/213

Version

F

mouchel

building great relationships

Scale (at A0 size)

1:100

Purpose of Issue

FLOOD PROTECTION OPERATIONS

Perth & Kinross Council

The Council's Logo

Scale (at A0 size)

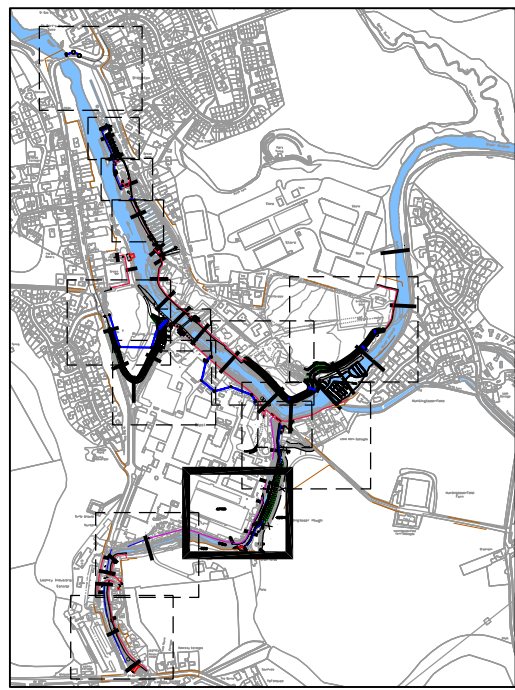
1:100



- NOTES**
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- LEGEND**
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 - RETAINING WALL
 - SHEET PILE WALL
 - SHEET PILE WALL WITH CLADDING
 - KERB DRAINAGE SYSTEM
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 - GRAVEL
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 - OUTFALL
 - SURFACE WATER DRAINAGE SYSTEM
 - SECONDARY SPILL OFF SYSYEM
 - EXISTING OUTFALL TO BE FITTED WITH NON-RETURN VALVES
 - ACCESS STEPS
 - SLUICE
 - GATE ACCESS
 - SECTION MARKERS
 - START LOCATION OF REFERENCED OPERATION

- SERVICES**
- BT TELECOMS
 - Eltec OH OVERHEAD ELECTRICITY
 - Eltec UG UNDERGROUND ELECTRICITY
 - GAS GAS
 - FW FOUL WATER
 - SW SURFACE WATER
 - Wat WATER MAIN
 - CS COMBINED SEWER



THIS IS THE PLAN MARKED **716516/AFO/214** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature) _____

FOR PERTH AND KINROSS COUNCIL

(date) _____

E	CLIENT AMENDMENTS	W CHAMBERS	PLAMBERT	N COOKE
D	CLIENT AMENDMENTS	S MACCOLLOCH	PLAMBERT	N COOKE
C	CLIENT AMENDMENTS	S MACCOLLOCH	PLAMBERT	N COOKE
B	FOR INFORMATION	W CHAMBERS	PLAMBERT	N COOKE
A	FOR INFORMATION	S MACCOLLOCH	W CHAMBERS	N COOKE

Version: _____ Amendment: _____

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title: FLOOD PROTECTION OPERATIONS SHEET 13 OF 15 VECTOR AEROSPACE



mouchel building great relationships

Scale: (at A3 size) 1:200

Purpose of Issue: FLOOD PROTECTION OPERATIONS

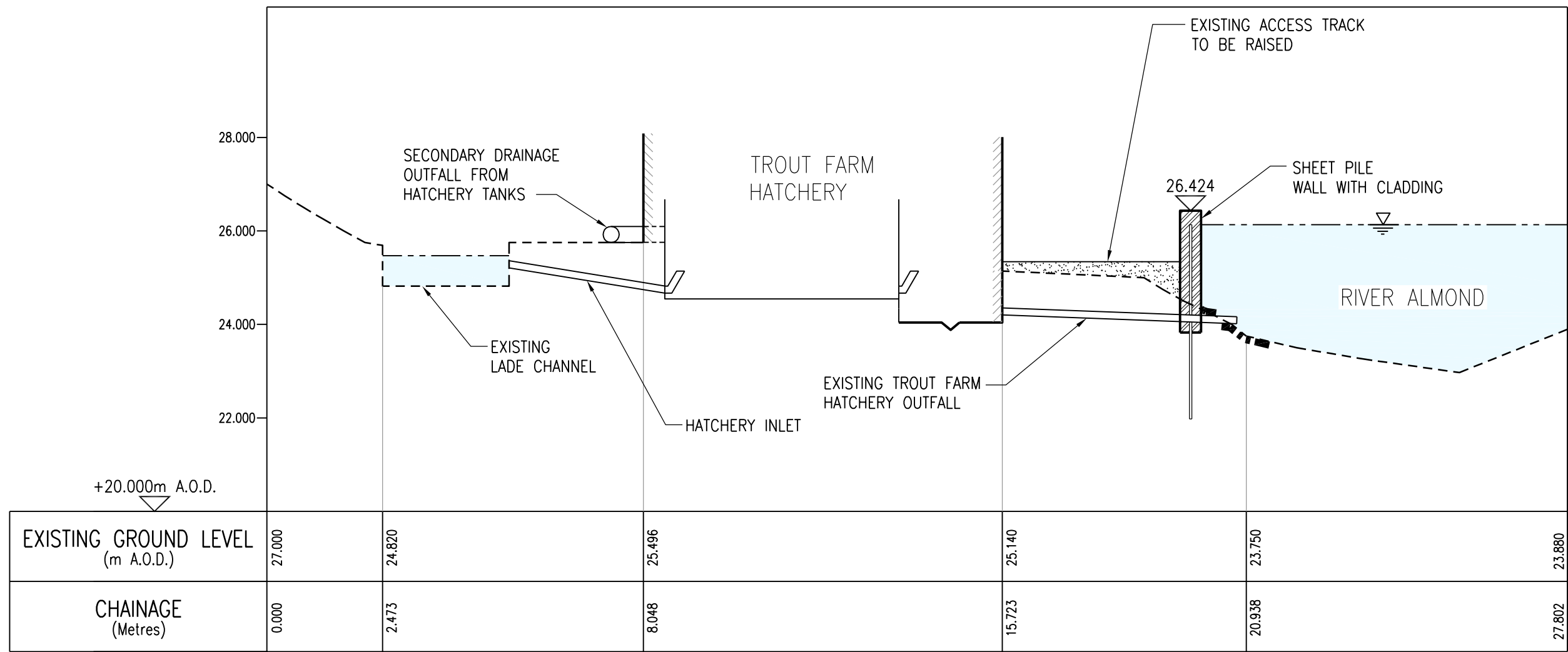
Office: LIVERPOOL

Tel No: 0151 237-4200

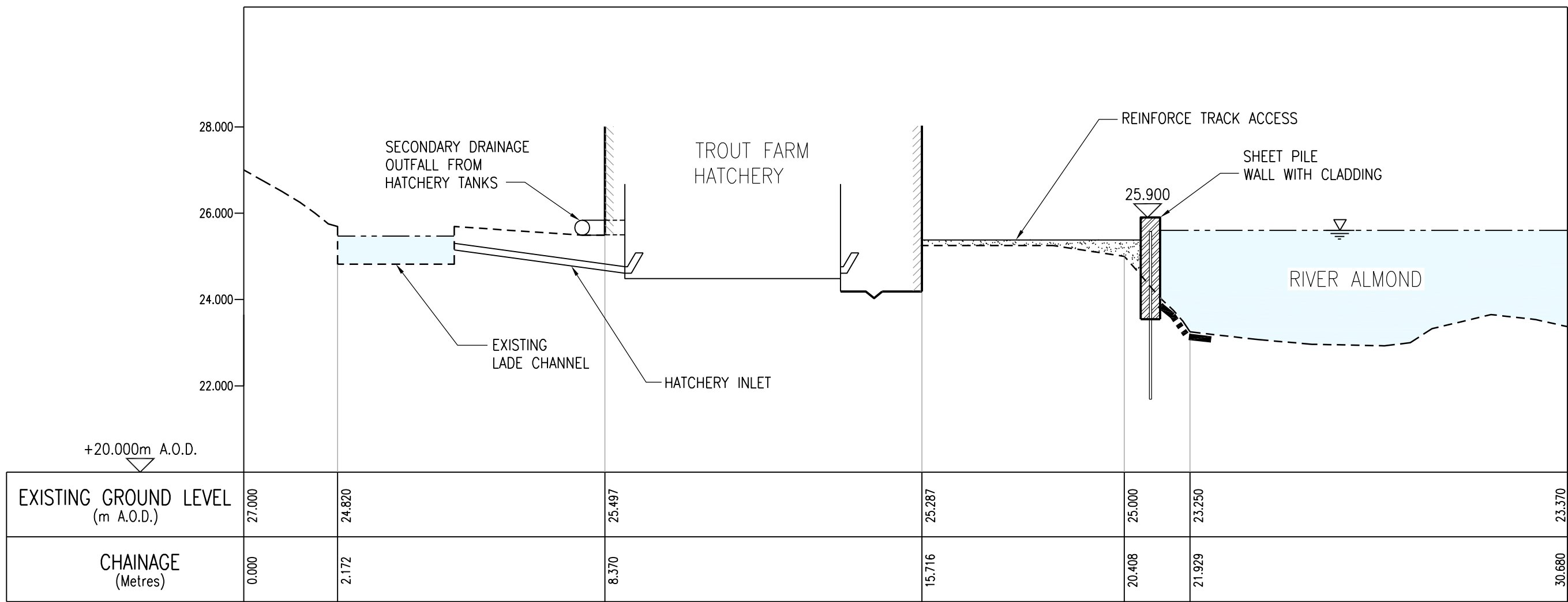
Drawing No: 716516/AFO/214

Version: E

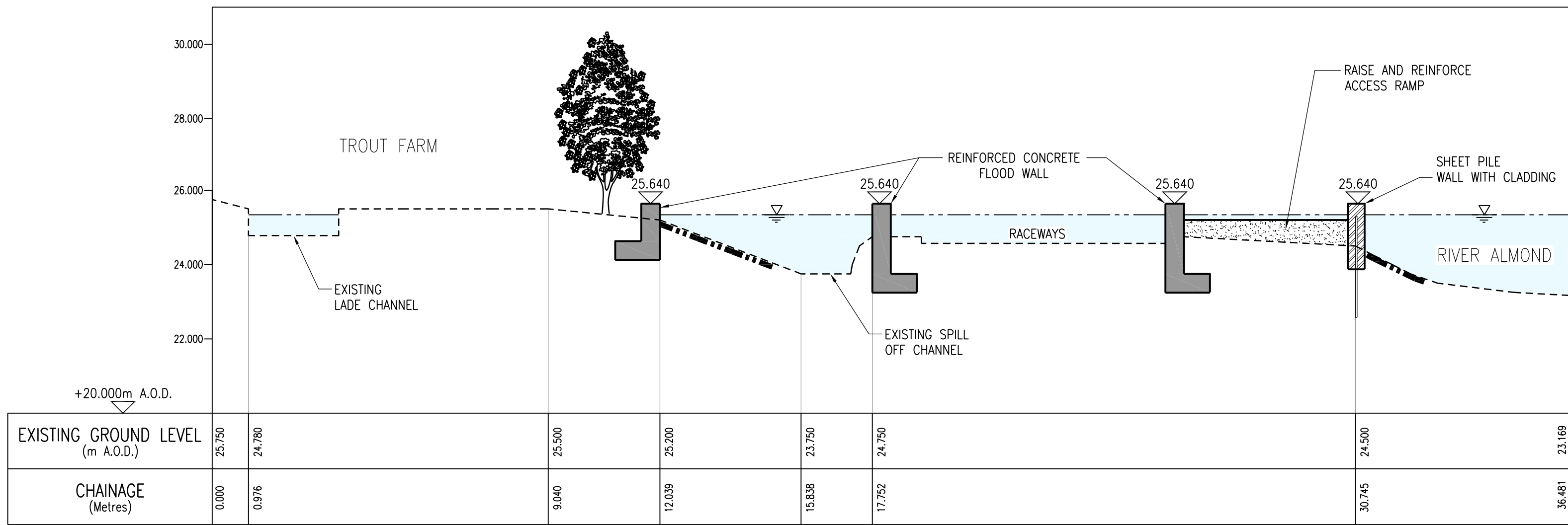
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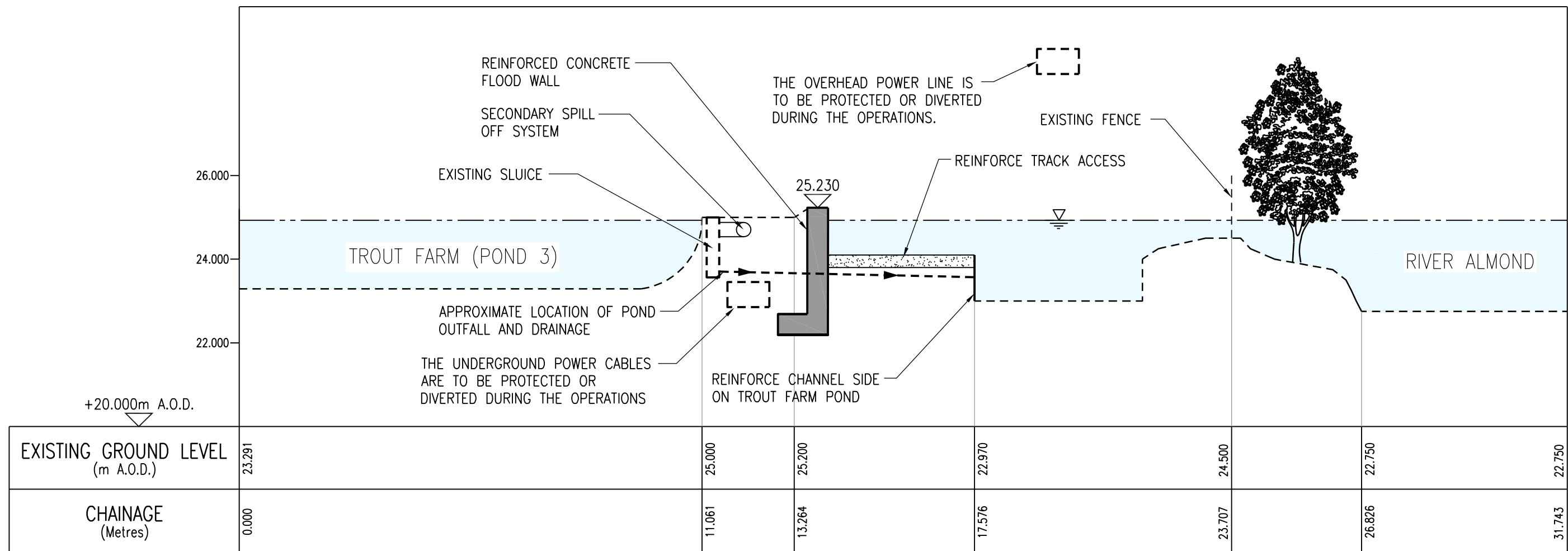
CROSS-SECTION 1-1
RIVER ALMOND LEFT BANK



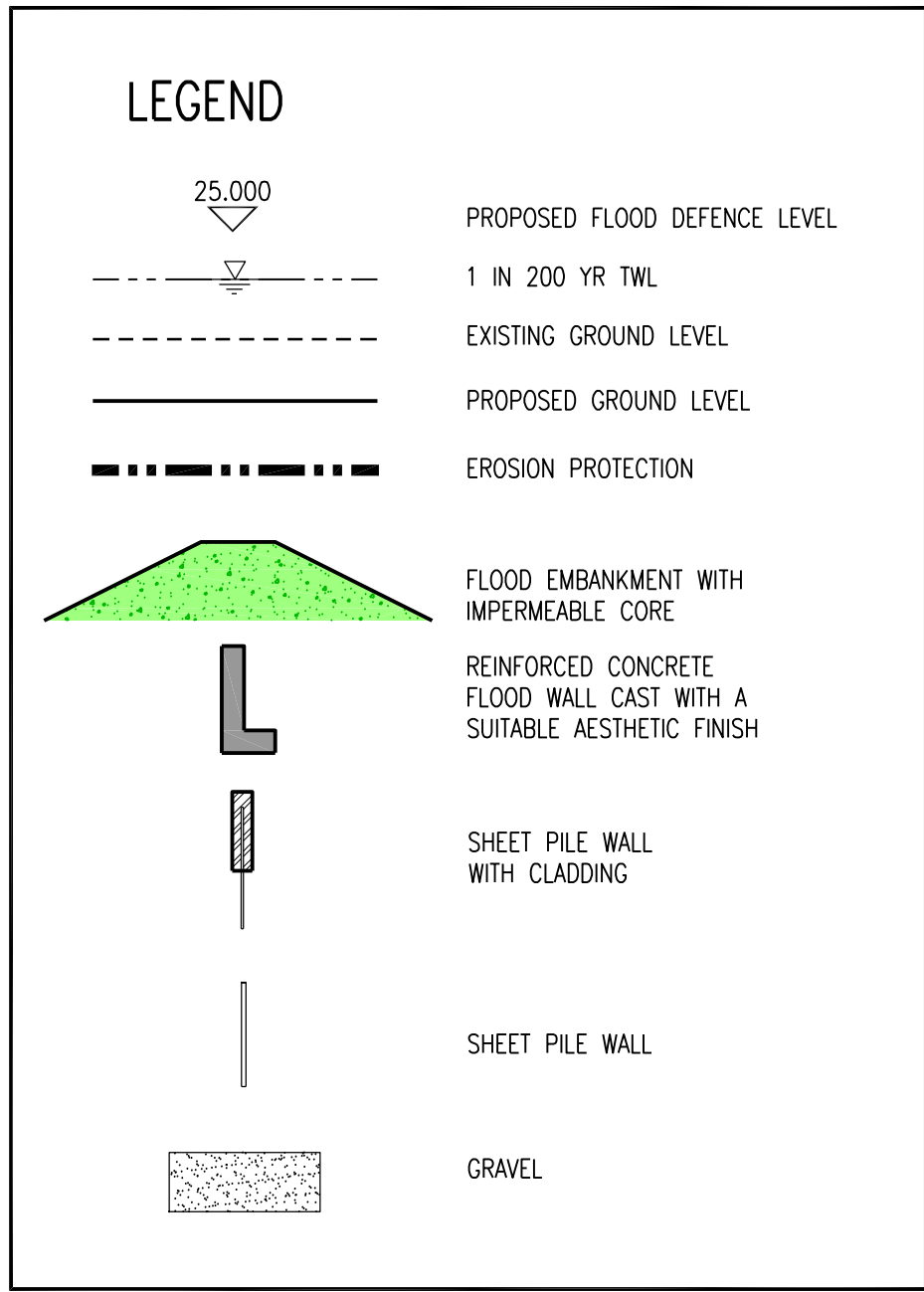
CROSS-SECTION 2-2
RIVER ALMOND LEFT BANK



CROSS-SECTION 3-3
RIVER ALMOND LEFT BANK



CROSS-SECTION 4-4
RIVER ALMOND LEFT BANK



DRAWING REFERENCES

716516/AF0/201 - FLOOD PROTECTION OPERATIONS SHEET 2 OF 15 - COLLEGE MILL TROUT FARM
716516/AF0/202 - FLOOD PROTECTION OPERATIONS SHEET 3 OF 15 - COLLEGE MILL TROUT FARM
716516/AF0/203 - FLOOD PROTECTION OPERATIONS SHEET 4 OF 15 - COLLEGE MILL TROUT FARM

THIS IS THE PLAN MARKED **716516/AF0/301** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER
(Signature)
FOR PERTH AND KINROSS COUNCIL
(date)

NOTES

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E	CLIENT AMENDMENTS	M.CHAMBERS 28.06.13	P.LAMBERT 28.06.13	N.COOKIE 28.06.13
D	CLIENT AMENDMENTS	S.MCCULLOCH 29.05.13	P.LAMBERT 29.05.13	N.COOKIE 29.05.13
C	CLIENT AMENDMENTS	S.MCCULLOCH 03.05.13	P.LAMBERT 03.05.13	N.COOKIE 03.05.13
B	FOR INFORMATION	M.CHAMBERS 15.02.13	P.LAMBERT 15.02.13	N.COOKIE 15.02.13
A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title
FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 1 OF 11

Client



mouchel
building great relationships

Office LIVERPOOL
Tel No (0151) 237-4200

Scales (at A1 size)

1:100

Purpose of Issue

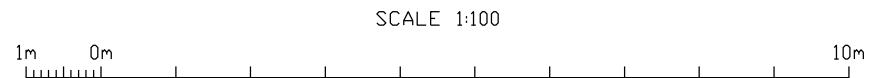
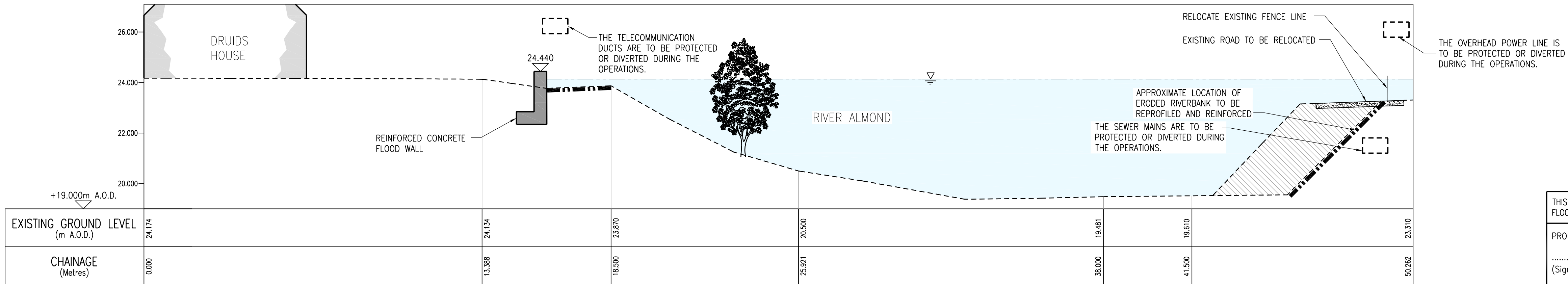
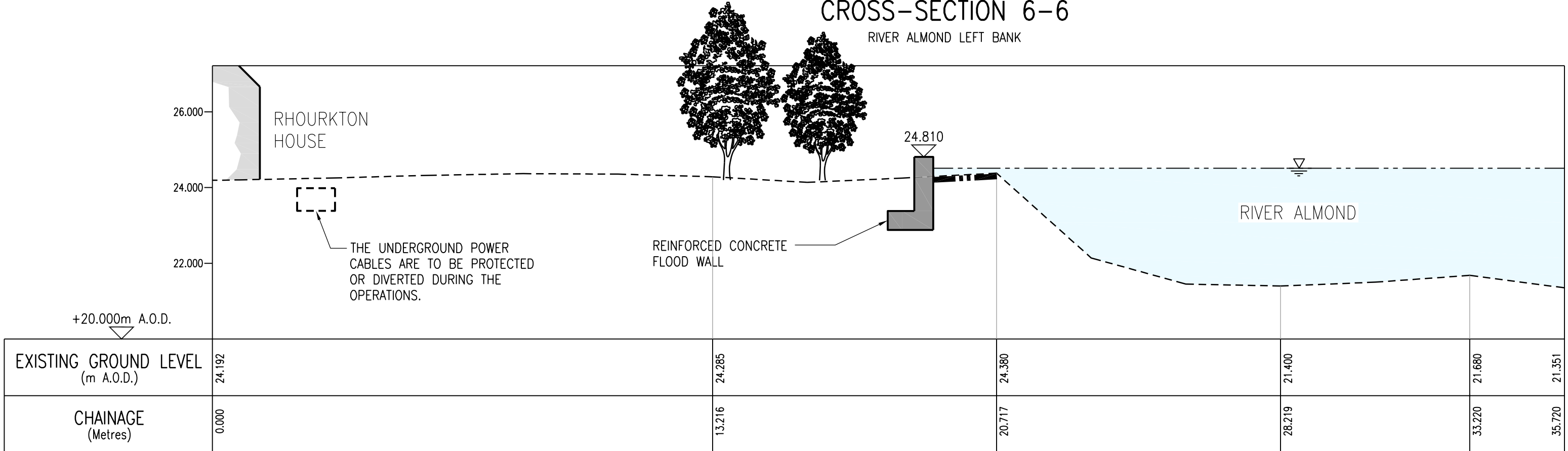
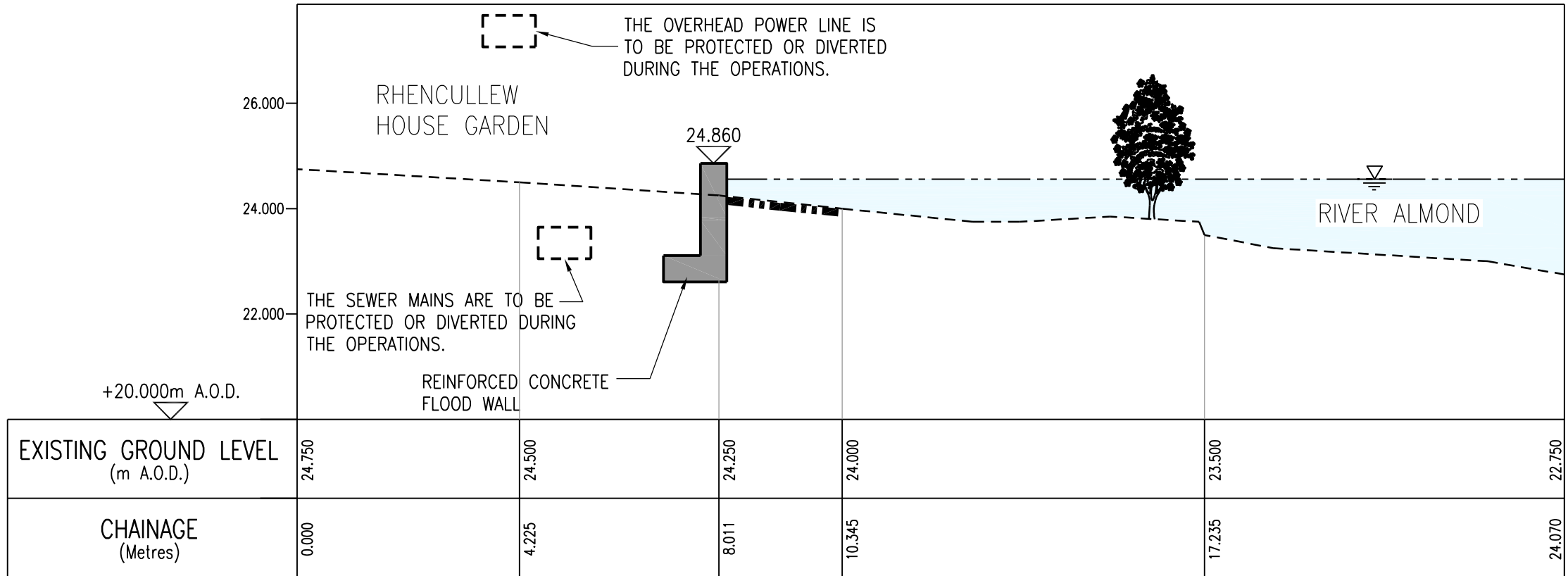
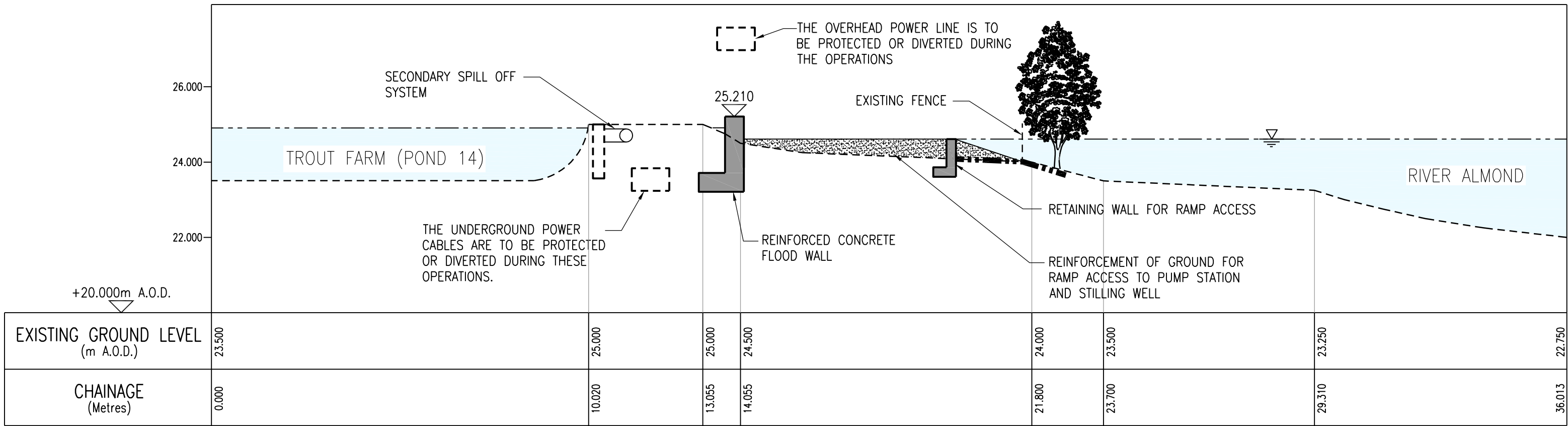
FLOOD PROTECTION OPERATIONS

Drawing No

716516/AF0/301

Version

E



LEGEND

- 25.000
PROPOSED FLOOD DEFENCE LEVEL
- 1 IN 200 YR TWL
- EXISTING GROUND LEVEL
- PROPOSED GROUND LEVEL
- EROSION PROTECTION
- FLOOD EMBANKMENT WITH IMPERMEABLE CORE
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
- SHEET PILE WALL WITH CLADDING
- SHEET PILE WALL
- GRAVEL
- AREA OF EROSION

DRAWING REFERENCES

- 716516/AF0/204 - FLOOD PROTECTION OPERATIONS SHEET 5 OF 15
TROUT FARM, BOWLING GREEN & PLAYING FIELD FLOOD STORAGE AREA
- 716516/AF0/205 - FLOOD PROTECTION OPERATIONS SHEET 6 OF 15
PLAYING FIELD FLOOD STORAGE AREA

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D	CLIENT AMENDMENTS	S.MCCULLOCH 29.05.13	P.LAMBERT 29.05.13	N.COOKIE 29.05.13
C	CLIENT AMENDMENTS	S.MCCULLOCH 03.05.13	P.LAMBERT 03.05.13	N.COOKIE 03.05.13
B	FOR INFORMATION	M.CHAMBERS 15.02.13	P.LAMBERT 15.02.13	N.COOKIE 15.02.13
A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title: FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 2 OF 11

Client: 

Office: LIVERPOOL

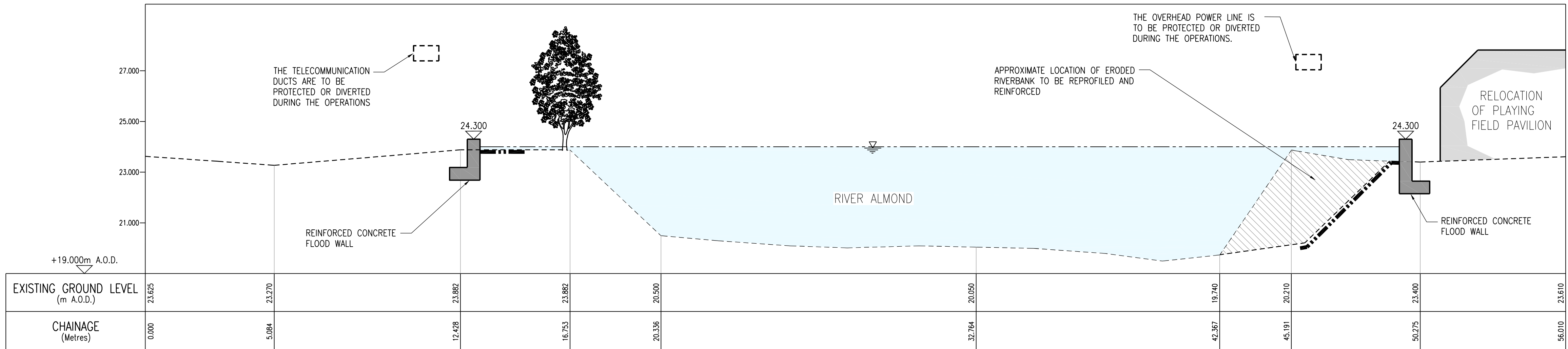
Tel No: (0151) 237-4200

Drawing No: 716516/AF0/302

Version: E

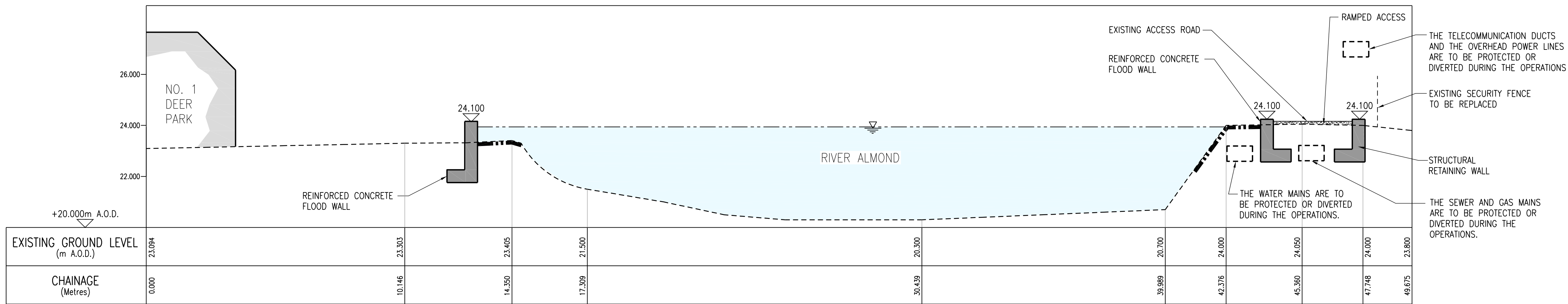
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Purpose of Issue: FLOOD PROTECTION OPERATIONS



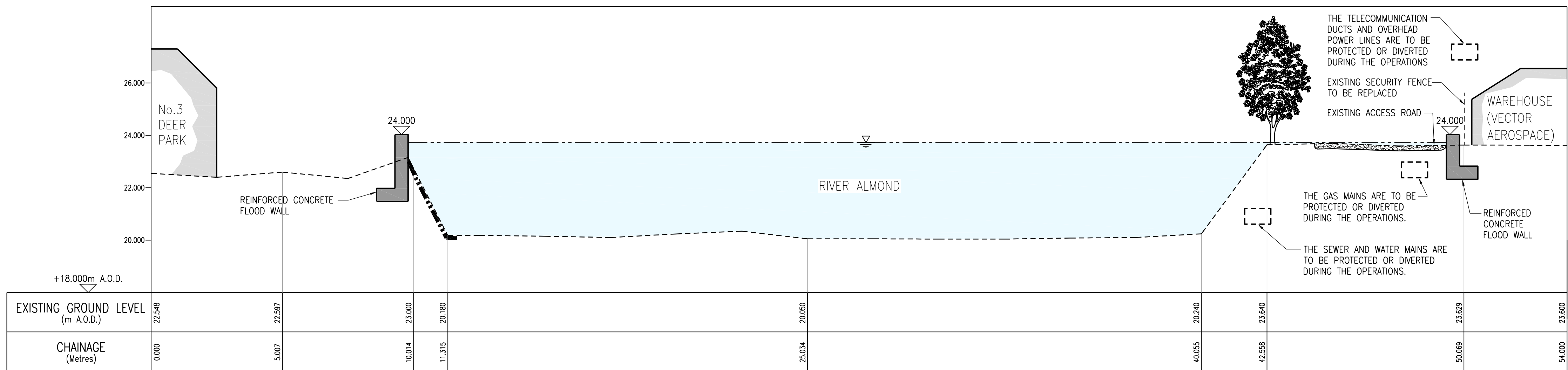
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1m 0m 10m



LEGEND

- PROPOSED FLOOD DEFENCE LEVEL
- 1 IN 200 YR TWL
- EXISTING GROUND LEVEL
- PROPOSED GROUND LEVEL
- EROSION PROTECTION
- FLOOD EMBANKMENT WITH IMPERMEABLE CORE
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
- SHEET PILE WALL WITH CLADDING
- SHEET PILE WALL
- GRAVEL
- AREA OF EROSION



DRAWING REFERENCES

- 716516/AFO/204 - FLOOD PROTECTION OPERATIONS SHEET 5 OF 15 - TROUT FARM, BOWLING GREEN & PLAYING FIELD FLOOD STORAGE AREA.
- 716516/AFO/206 - FLOOD PROTECTION OPERATIONS SHEET 7 OF 15 - VECTOR AEROSPACE AND PLAYING FIELD FLOOD STORAGE AREA
- 716516/AFO/207 - FLOOD PROTECTION OPERATIONS SHEET 8 OF 15 - RIVER ALMOND FOOTBRIDGE
- 716516/AFO/208 - FLOOD PROTECTION OPERATIONS SHEET 9 OF 15 - DEER PARK & VECTOR AEROSPACE

THIS IS THE PLAN MARKED **716516/AFO/303** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

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A	FOR INFORMATION	S.MCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title

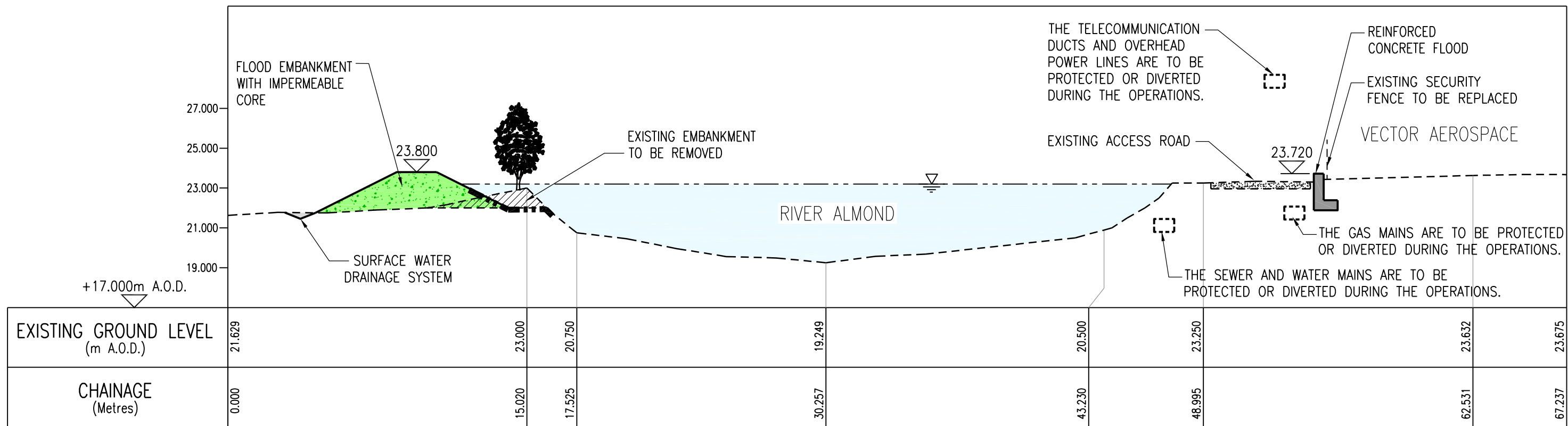
FLOOD PROTECTION OPERATIONS CROSS SECTIONS SHEET 3 OF 11



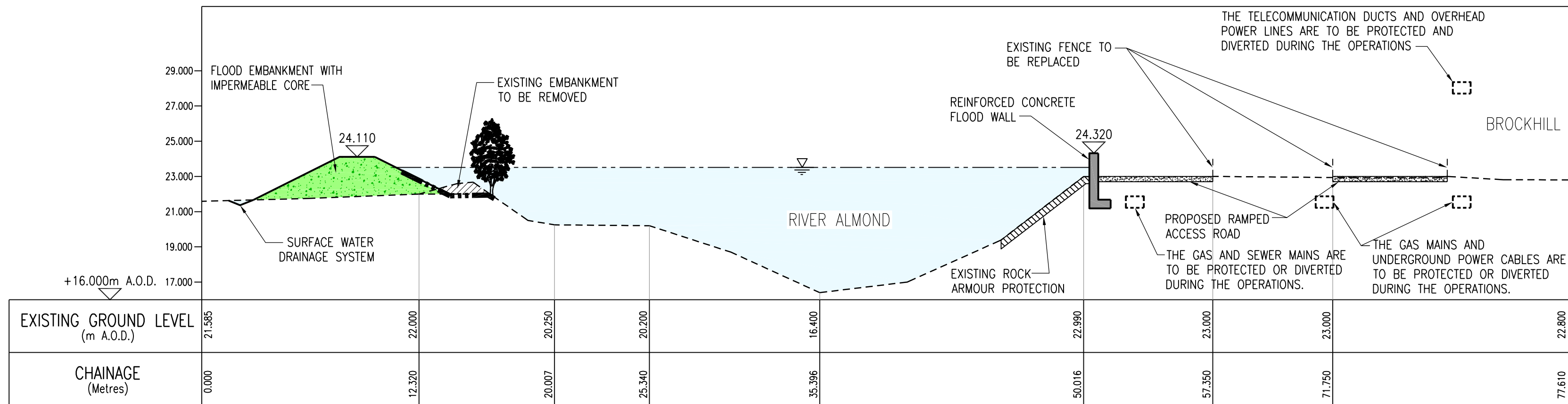
mouchel
building great relationships

Office LIVERPOOL
Tel No (0151) 237-4200

Scales (at A1 size)
1:100
Purpose of Issue
FLOOD PROTECTION OPERATIONS
Drawing No 716516/AFO/303
Version E



CROSS-SECTION 12-12
RIVER ALMOND



CROSS-SECTION 13-13
RIVER ALMOND

LEGEND

- 25.000: PROPOSED FLOOD DEFENCE LEVEL
- 1 IN 200 YR TWL: 1 IN 200 YR TWL
- EXISTING GROUND LEVEL: EXISTING GROUND LEVEL
- PROPOSED GROUND LEVEL: PROPOSED GROUND LEVEL
- EROSION PROTECTION: EROSION PROTECTION
- EXISTING ROCK ARMOUR PROTECTION: EXISTING ROCK ARMOUR PROTECTION
- FLOOD EMBANKMENT WITH IMPERMEABLE CORE: FLOOD EMBANKMENT WITH IMPERMEABLE CORE
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH: REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
- SHEET PILE WALL WITH CLADDING: SHEET PILE WALL WITH CLADDING
- SHEET PILE WALL: SHEET PILE WALL

DRAWING REFERENCES

716516/AF0/208 - FLOOD PROTECTION OPERATIONS SHEET 9 OF 15 - DEER PARK & VECTOR AEROSPACE
716516/AF0/212 - FLOOD PROTECTION OPERATIONS SHEET 11 OF 15 - CONFLUENCE OF RIVER ALMOND & EAST POW BURN
716516/AF0/213 - FLOOD PROTECTION OPERATIONS SHEET 12 OF 15 - CONFLUENCE OF RIVER ALMOND & EAST POW BURN

THIS IS THE PLAN MARKED **716516/AF0/304** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

Client: PERTH & KINROSS COUNCIL

Project: ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title: FLOOD PROTECTION OPERATIONS CROSS SECTIONS SHEET 4 OF 11

Office: LIVERPOOL

Tel No: (0151) 237-4200

Drawing No: 716516/AF0/304

Version: E

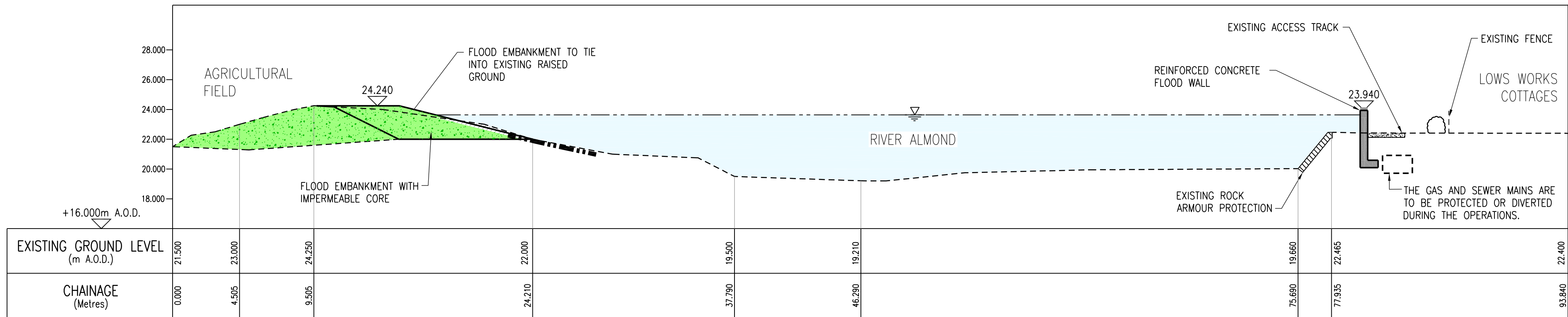
Scale: 1:200

Purpose of Issue: FLOOD PROTECTION OPERATIONS

NOTES

- THESE PLANS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 60 AND SCHEDULE 2 OF THE FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009.
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E	CLIENT AMENDMENTS	M.CHAMBERS 28.06.13	P.LAMBERT 28.06.13	N.COOKIE 28.06.13
D	CLIENT AMENDMENTS	S.MCCULLOCH 29.05.13	P.LAMBERT 29.05.13	N.COOKIE 29.05.13
C	CLIENT AMENDMENTS	S.MCCULLOCH 03.05.13	P.LAMBERT 03.05.13	N.COOKIE 03.05.13
B	FOR INFORMATION	M.CHAMBERS 15.02.13	P.LAMBERT 15.02.13	N.COOKIE 15.02.13
A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date



CROSS-SECTION 14-14
RIVER ALMOND, SCALE 1:200

LEGEND

25.000

1 IN 200 YR TWL

EXISTING GROUND LEVEL

PROPOSED GROUND LEVEL

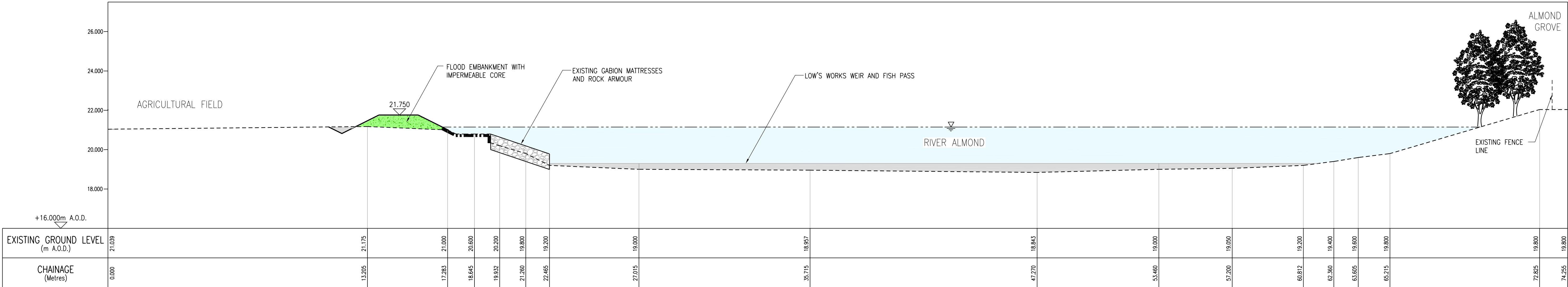
EROSION PROTECTION

FLOOD EMBANKMENT WITH IMPERMEABLE CORE

REINFORCED CONCRETE FLOOD WALL

SHEET PILE WALL WITH CLADDING

SHEET PILE WALL



CROSS-SECTION 15-15
RIVER ALMOND, SCALE 1:100

DRAWING REFERENCES

716516/AFO/208 – FLOOD PROTECTION OPERATIONS SHEET 9 OF 15 – DEER PARK & VECTOR AEROSPACE
716516/AFO/209 – FLOOD PROTECTION OPERATIONS SHEET 10 OF 15 – CRAIGNEUK EAST & WEST
716516/AFO/212 – FLOOD PROTECTION OPERATIONS SHEET 11 OF 15 – CONFLUENCE OF RIVER ALMOND & EAST POW BURN

THIS IS THE PLAN MARKED **716516/AFO/305** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

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A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOTE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title

FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 5 OF 11



mouchel
building great relationships

Office
LIVERPOOL

Tel No
(0151) 237-4200

Scales (at A1 size)
AS SHOWN
Purpose of Issue
FLOOD PROTECTION OPERATIONS

Drawing No
716516/AFO/305

Version
E



SCALE 1:100

716516/AFO/209 - FLOOD PROTECTION OPERATIONS SHEET 10 OF 15 - CRAIGNEUK EAST & WEST

PROPER OFFICER

.....

(Signature)

FOR PERTH AND KINROSS COUNCIL

.....

(date)

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A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

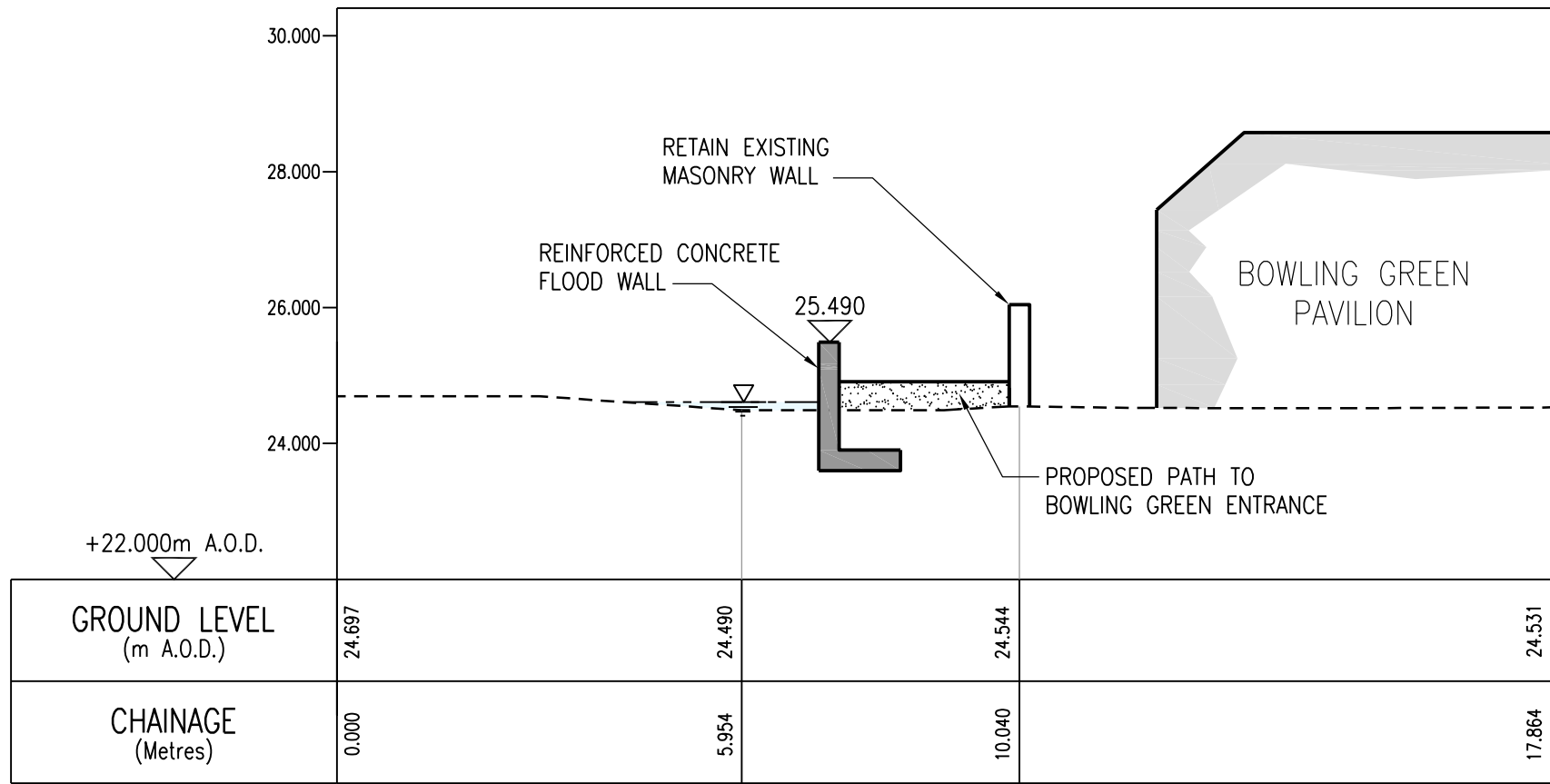
FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 6 OF 11



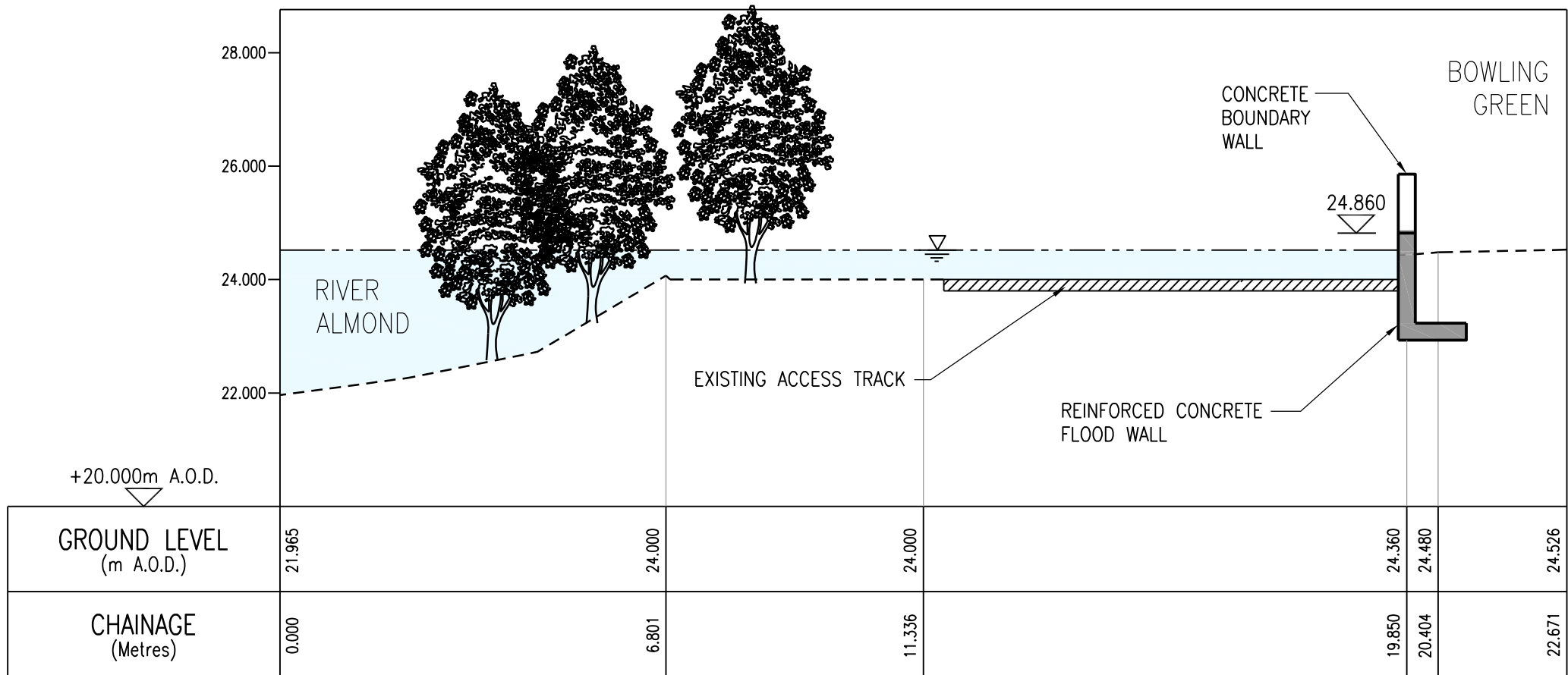
mouchel 
building great relationships

Office	Tel No
LIVERPOOL	(0151) 237-4200

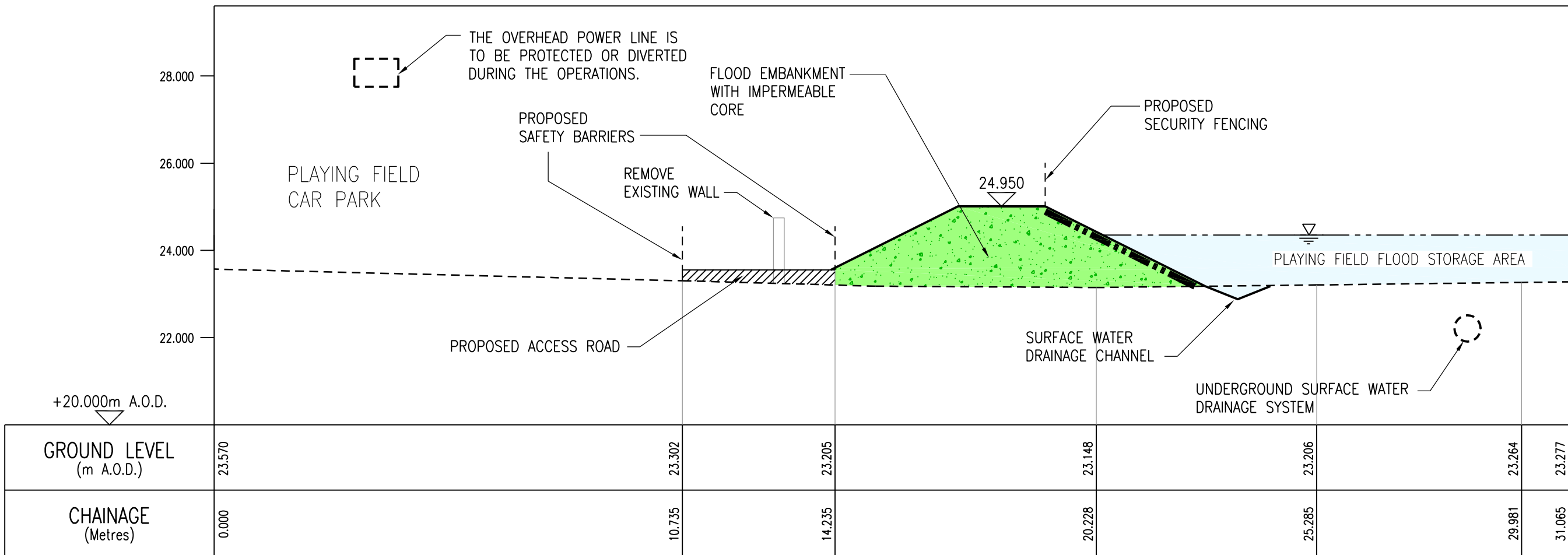
Scales (at A1 size)	
1:100	
Purpose of Issue	
FLOOD PROTECTION OPERATIONS	
Drawing No	Version
716516/AFO/306	E



CROSS-SECTION 21-21
BOWLING GREEN FLOOD WALL



CROSS-SECTION 22-22
BOWLING GREEN FLOOD WALL



CROSS-SECTION 23-23
STORAGE AREA EMBANKMENT

LEGEND

- 25.000
PROPOSED FLOOD DEFENCE LEVEL
- 1 IN 200 YR TWL
- EXISTING GROUND LEVEL
- PROPOSED GROUND LEVEL
- EROSION PROTECTION
- FLOOD EMBANKMENT WITH IMPERMEABLE CORE
- REINFORCED CONCRETE FLOOD WALL CAST WITH A SUITABLE AESTHETIC FINISH
- SHEET PILE WALL WITH CLADDING
- SHEET PILE WALL

DRAWING REFERENCES

- 716516/AF0/204 - FLOOD PROTECTION OPERATIONS SHEET 5 OF 15 - TROUT FARM, BOWLING GREEN & PLAYING FIELD FLOOD STORAGE AREA.
- 716516/AF0/205 - FLOOD PROTECTION OPERATIONS SHEET 6 OF 15 - PLAYING FIELD FLOOD STORAGE AREA
- 716516/AF0/206 - FLOOD PROTECTION OPERATIONS SHEET 7 OF 15 - VECTOR AEROSPACE AND PLAYING FIELD FLOOD STORAGE AREA
- 716516/AF0/207 - FLOOD PROTECTION OPERATIONS SHEET 8 OF 15 - RIVER ALMOND FOOTBRIDGE

THIS IS THE PLAN MARKED **716516/AF0/308** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

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C	CLIENT AMENDMENTS	S.MCCULLOCH 03.05.13	P.LAMBERT 03.05.13	N.COOKIE 03.05.13
B	FOR INFORMATION	M.CHAMBERS 15.02.13	P.LAMBERT 15.02.13	N.COOKIE 15.02.13
A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title FLOOD PROTECTION OPERATIONS CROSS SECTIONS SHEET 7 OF 11

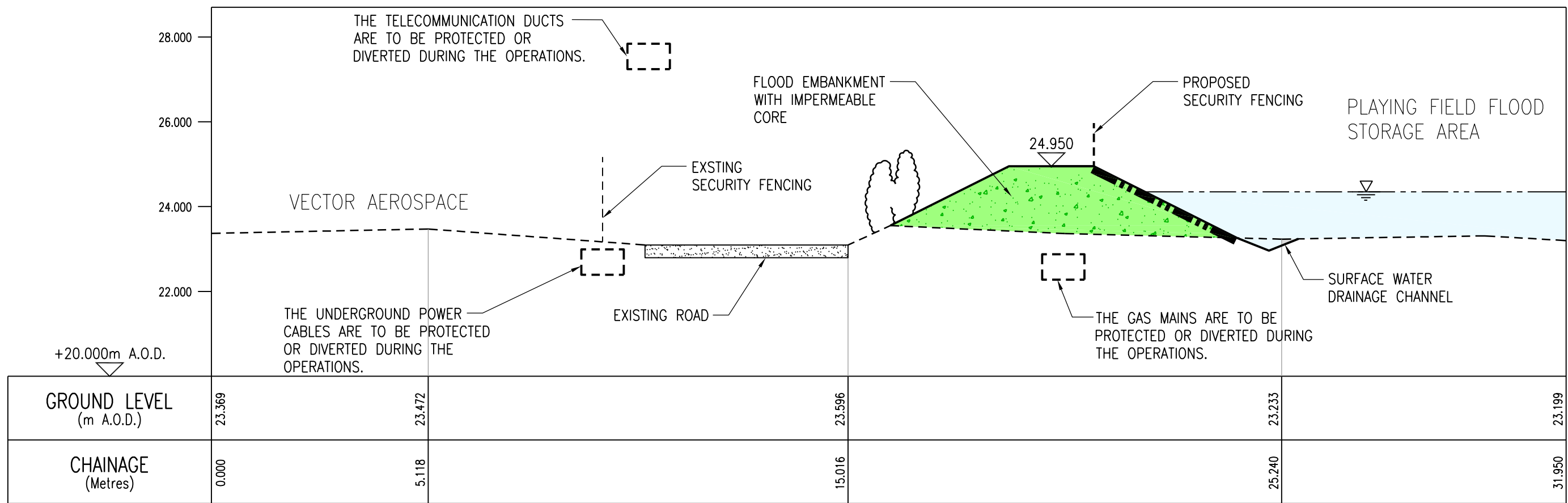


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building great relationships

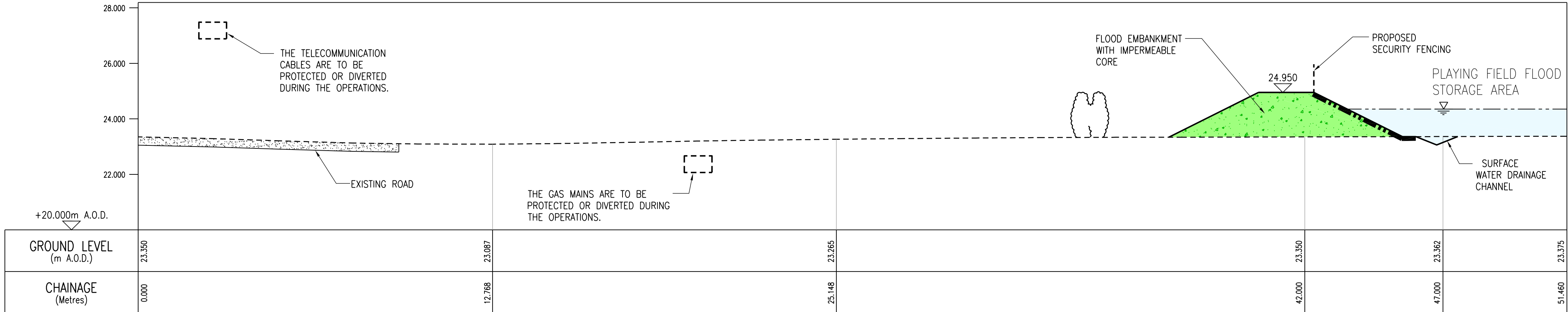
Office LIVERPOOL Tel No (0151) 237-4200

Client Scales (at A1 size) 1:100 Purpose of Issue FLOOD PROTECTION OPERATIONS

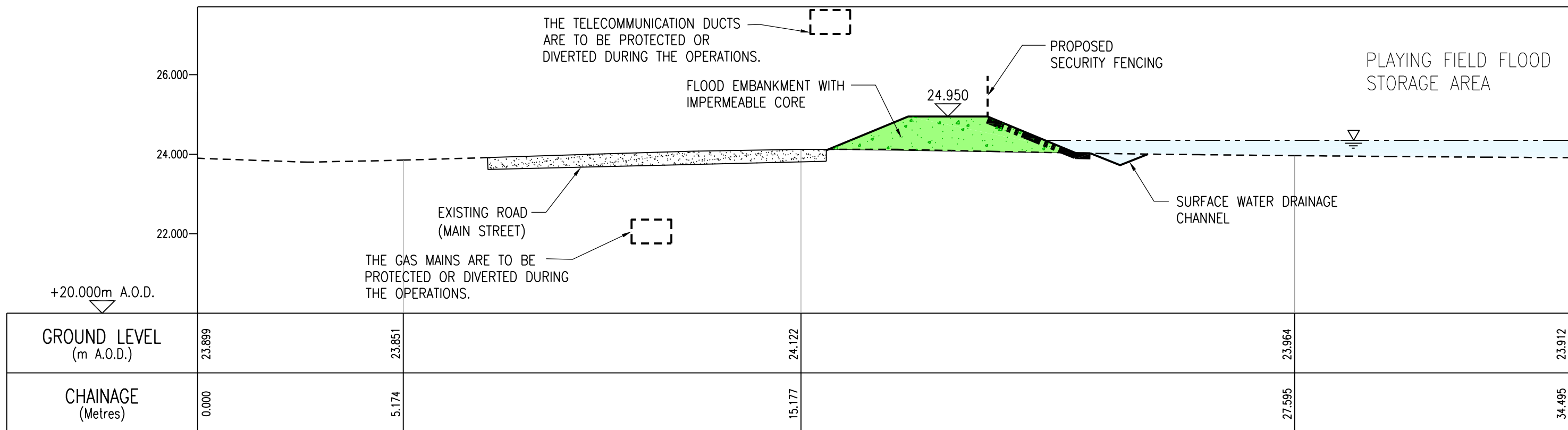
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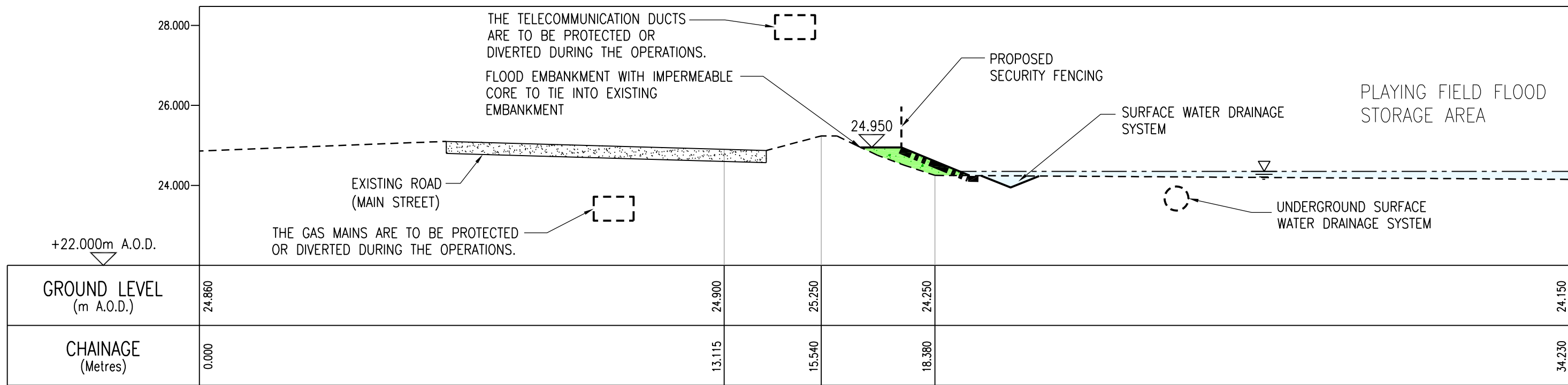
CROSS-SECTION 24-24
STORAGE AREA EMBANKMENT



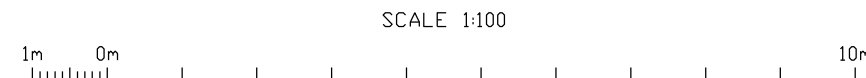
CROSS-SECTION 25-25
STORAGE AREA EMBANKMENT



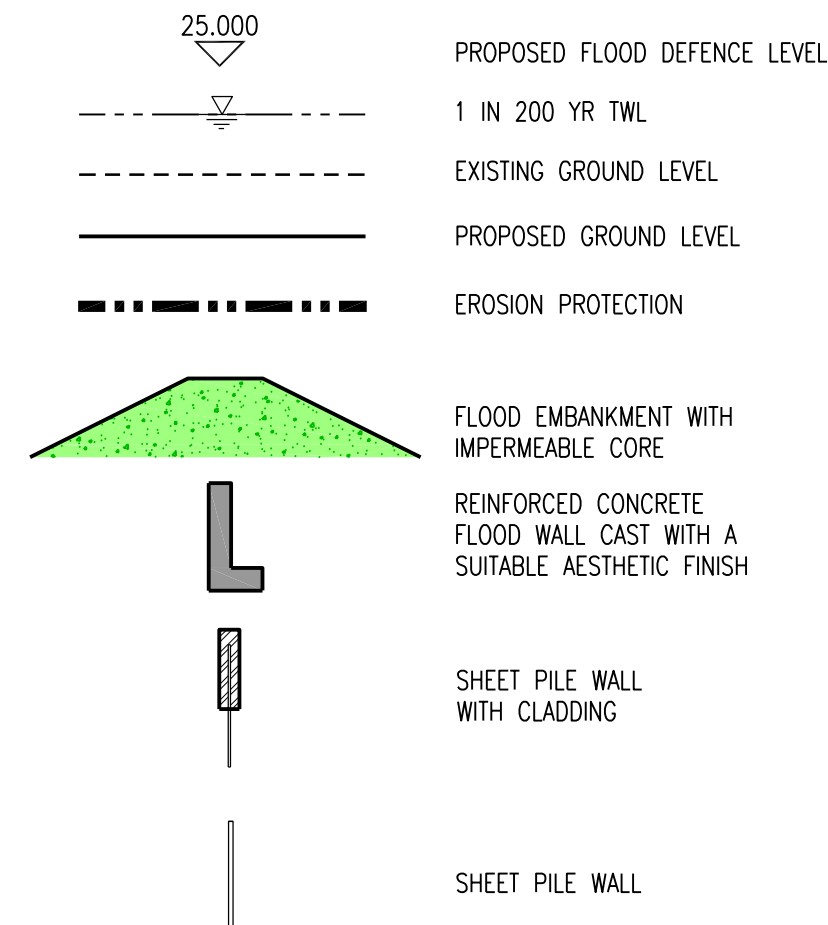
CROSS-SECTION 26-26
STORAGE AREA EMBANKMENT



CROSS-SECTION 27-27
STORAGE AREA EMBANKMENT



LEGEND



DRAWING REFERENCES

716516/AF0/205 - FLOOD PROTECTION OPERATIONS SHEET 6 OF 15 - PLAYING FIELD FLOOD STORAGE AREA
716516/AF0/206 - FLOOD PROTECTION OPERATIONS SHEET 7 OF 15 - VECTOR AEROSPACE AND PLAYING FIELD FLOOD STORAGE AREA

THIS IS THE PLAN MARKED **716516/AF0/309** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER
.....
(Signature)
FOR PERTH AND KINROSS COUNCIL
.....
(date)

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C	CLIENT AMENDMENTS	S.MCCULLOCH 03.05.13	P.LAMBERT 03.05.13	N.COOTE 03.05.13
B	FOR INFORMATION	M.CHAMBERS 15.02.13	P.LAMBERT 15.02.13	N.COOTE 15.02.13
A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOTE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project
ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title
**FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 8 OF 11**

Client

Office
LIVERPOOL

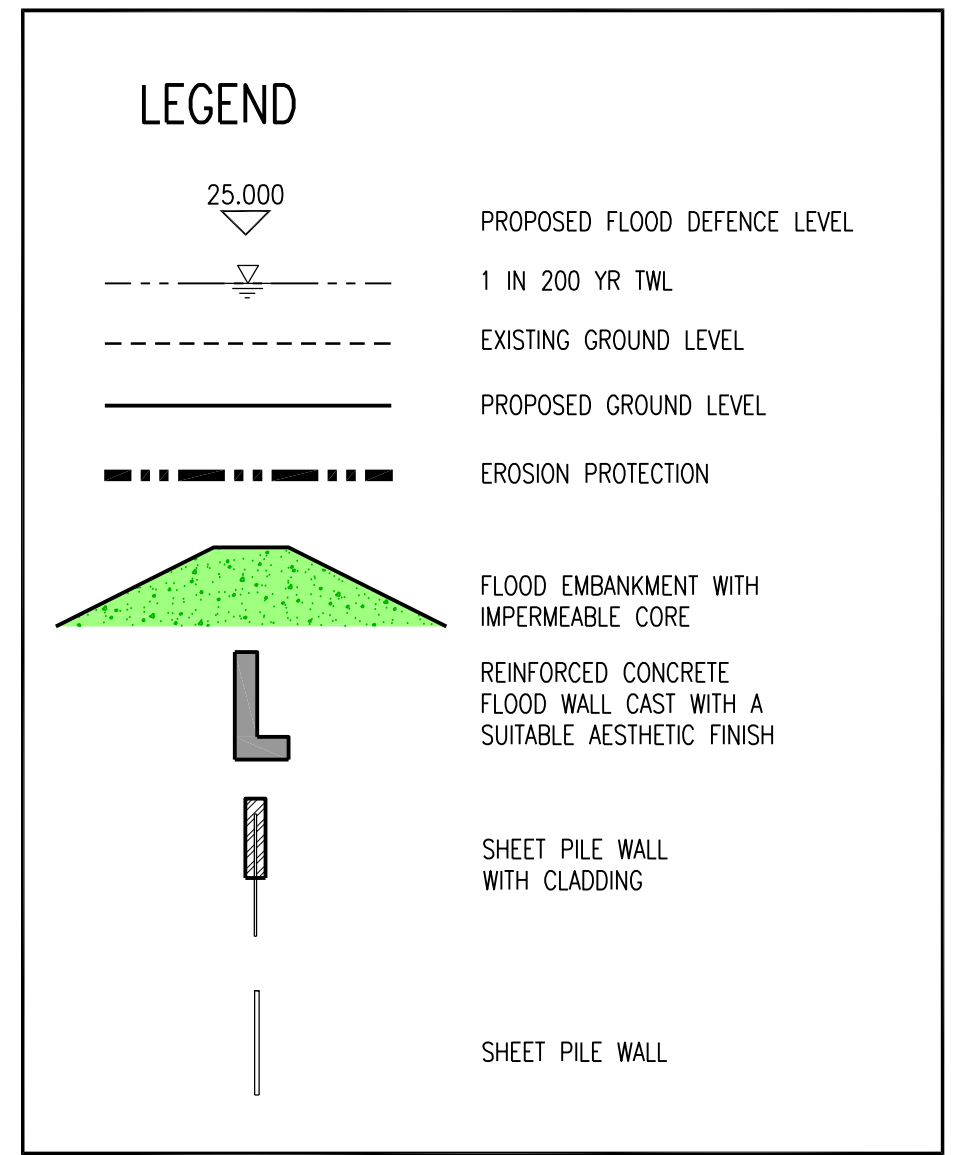
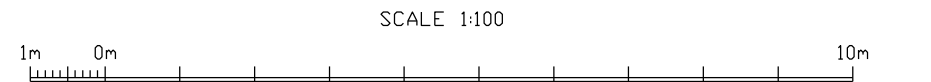
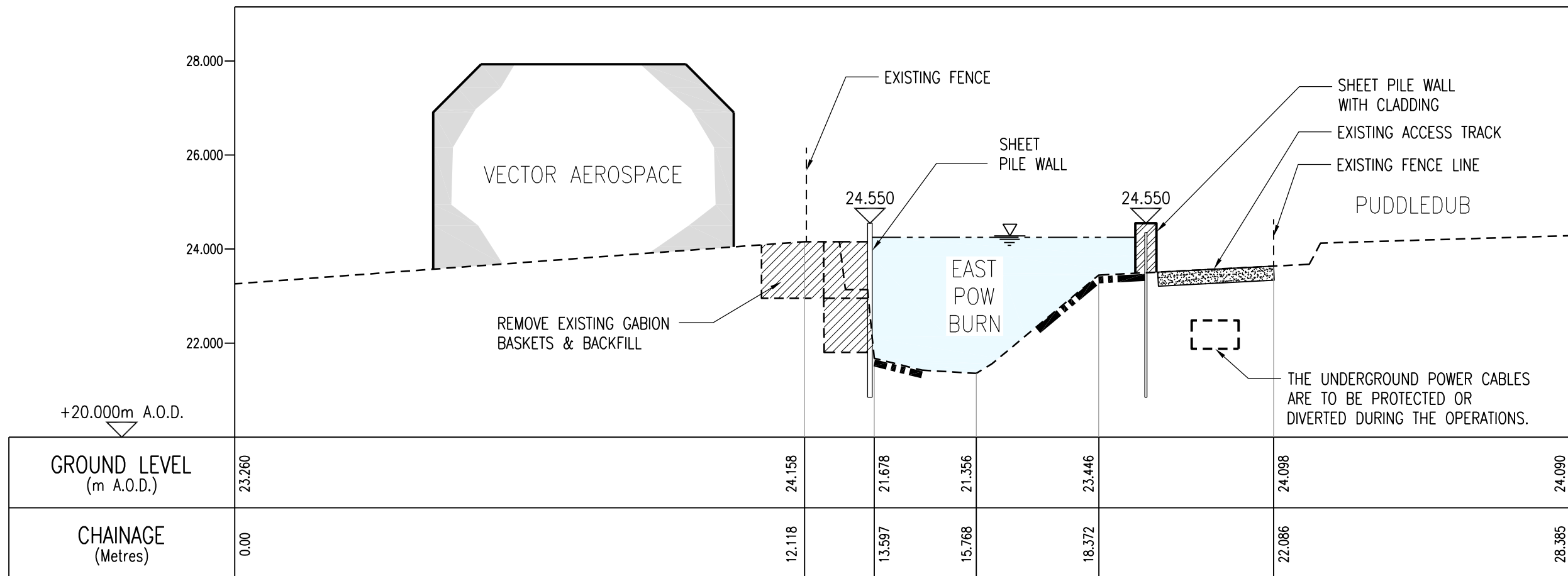
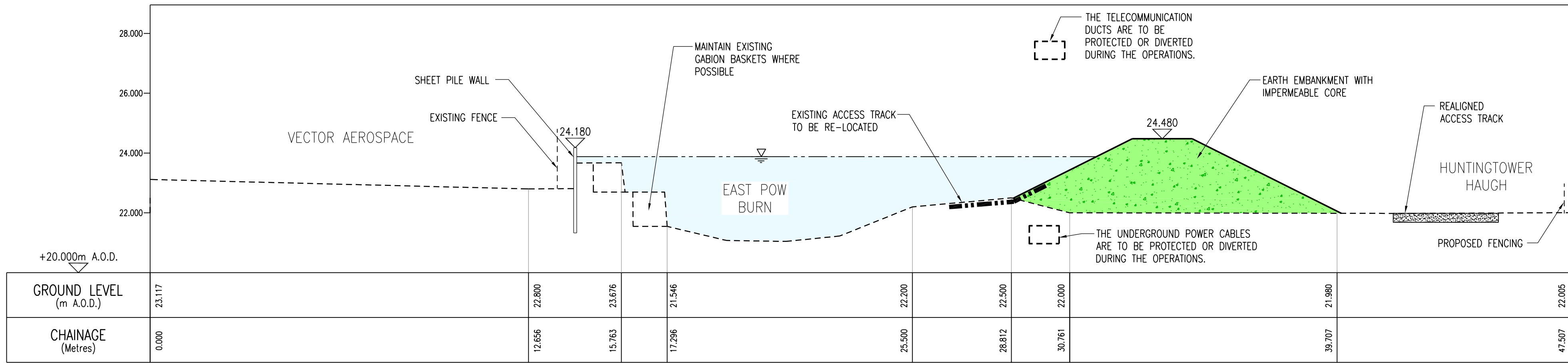
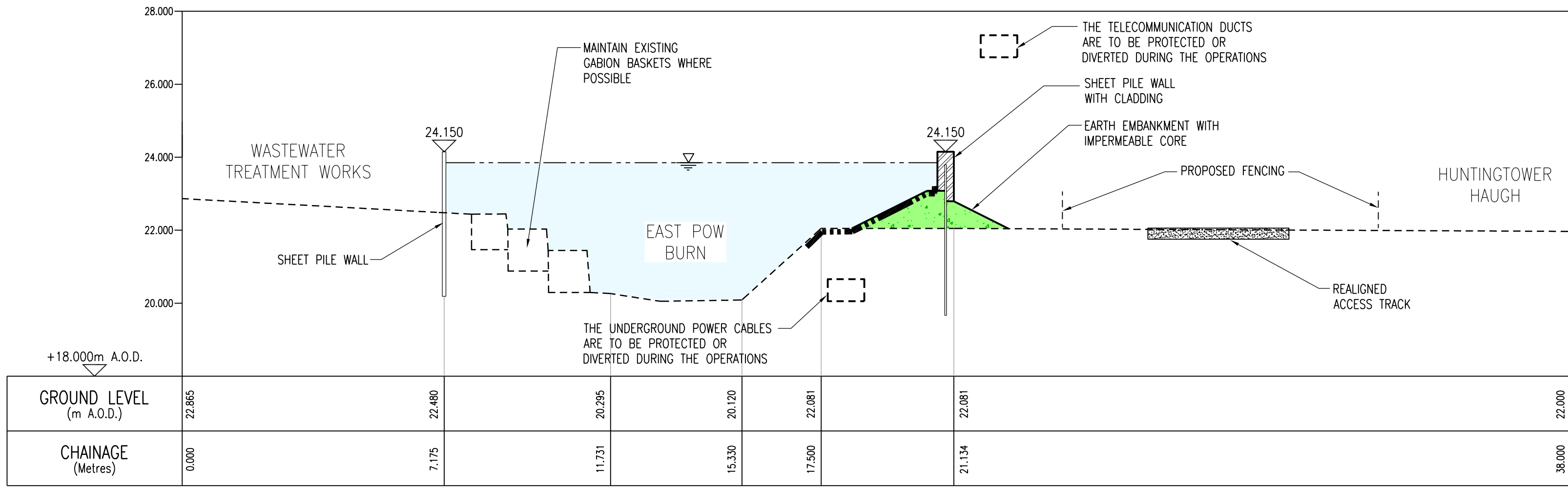
Tel No
(0151) 237-4200

Scales (at A1 size)
1:100

Purpose of Issue
FLOOD PROTECTION OPERATIONS

Drawing No
716516/AF0/309

Version
E



DRAWING REFERENCES
716516/AF0/212 - FLOOD PROTECTION OPERATIONS SHEET 11 OF 15 - CONFLUENCE OF RIVER ALMOND & EAST POW BURN
716516/AF0/214 - FLOOD PROTECTION OPERATIONS SHEET 13 OF 15 - VECTOR AEROSPACE

THIS IS THE PLAN MARKED 716516/AF0/310 REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013			
PROPER OFFICER			
(Signature)			
FOR PERTH AND KINROSS COUNCIL			
(date)			

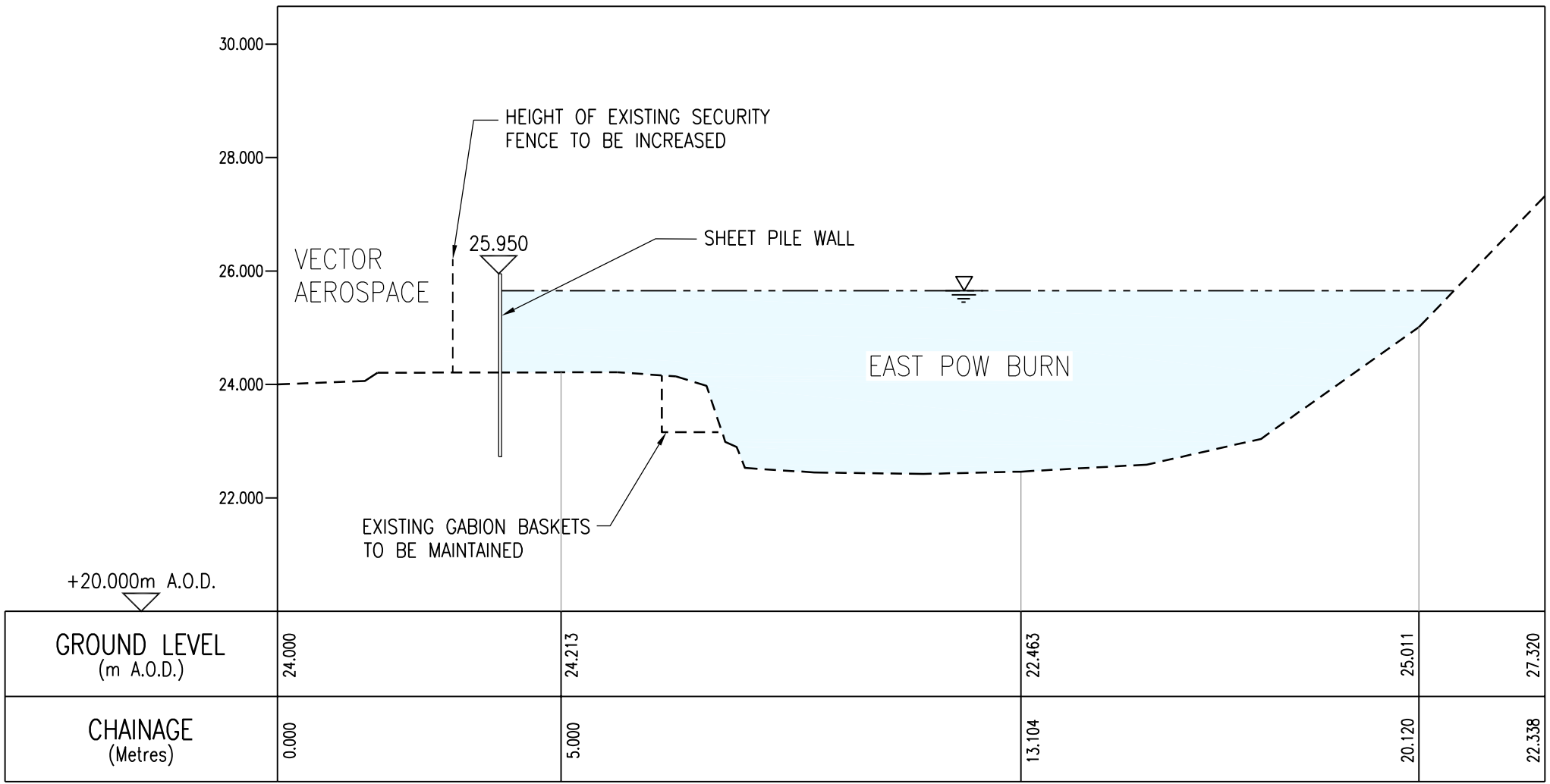
NOTES

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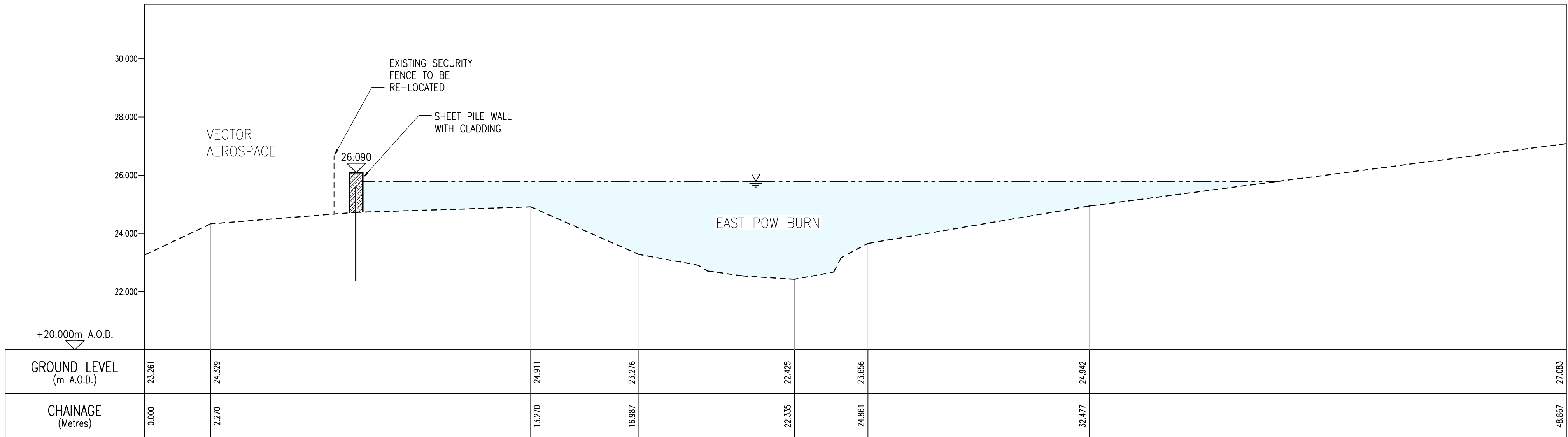
F	CLIENT AMENDMENTS	M.CHAMBERS 28.06.13	P.LAMBERT 28.06.13	N.COOKIE 28.06.13
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A	FOR INFORMATION	S.MCCULLOCH MAY 2012	S.MCCULLOCH MAY 2012	N.COOKIE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project	ALMONDBANK FLOOD PROTECTION SCHEME	Client	
Drawing Title	FLOOD PROTECTION OPERATIONS CROSS SECTIONS SHEET 9 OF 11		

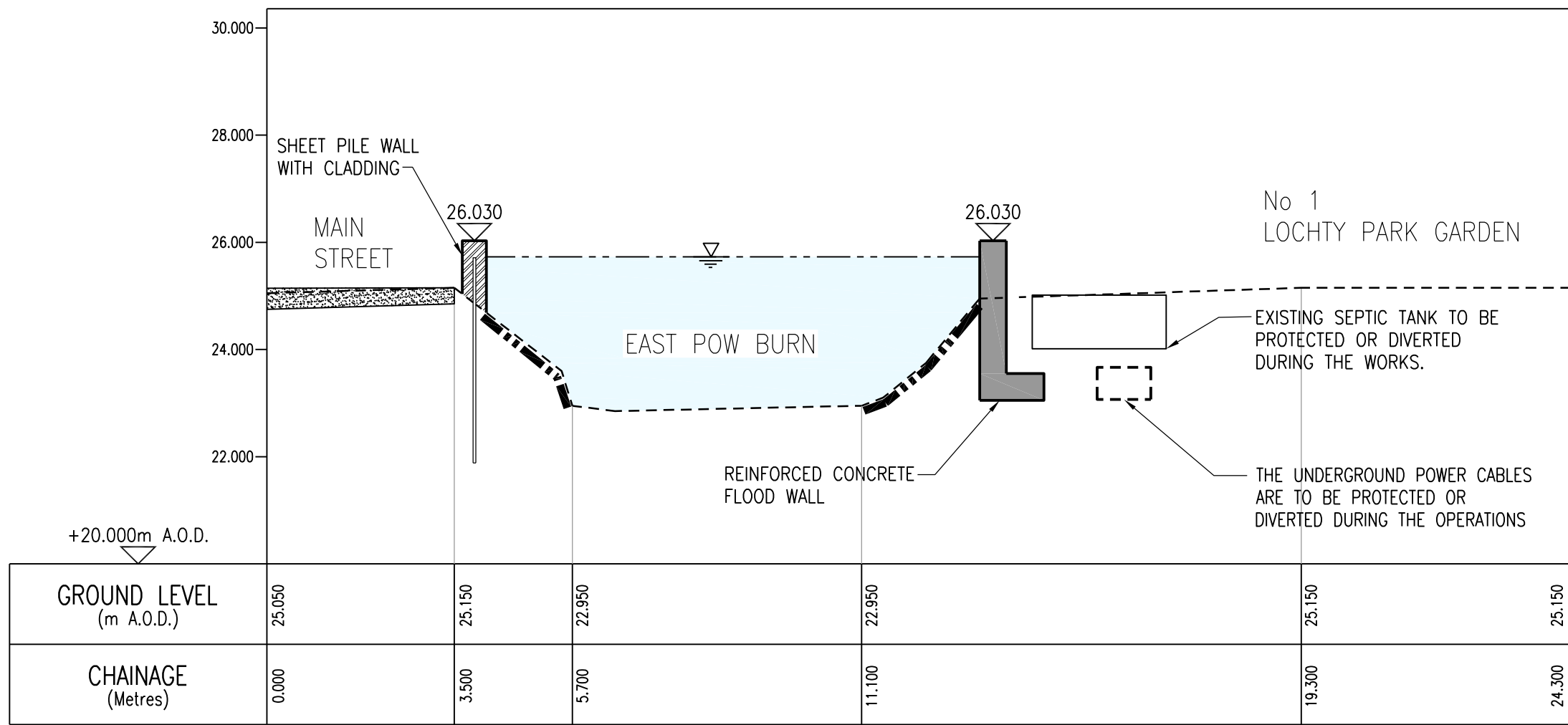
mouchel building great relationships		Scales (at A1 size) 1:100	
Office LIVERPOOL		Tel No (0151) 237-4200	
Drawing No 716516/AF0/310		Version F	



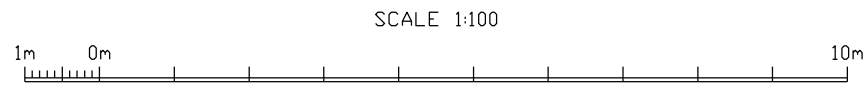
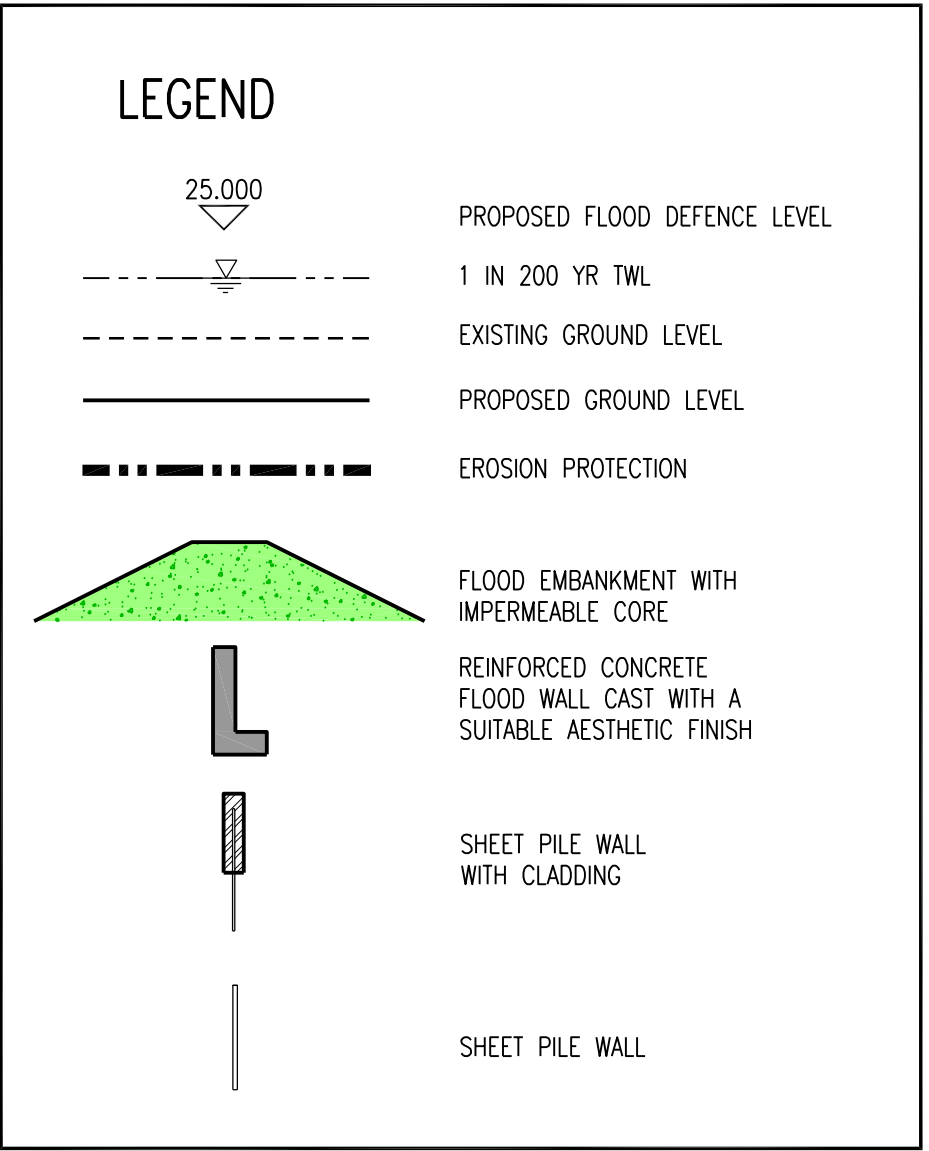
CROSS-SECTION 31-31
EAST POW BURN



CROSS-SECTION 32-32
EAST POW BURN



CROSS-SECTION 33-33
EAST POW BURN



THIS IS THE PLAN MARKED **716516/AF0/311** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER
(Signature)
FOR PERTH AND KINROSS COUNCIL
(date)

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A	FOR INFORMATION	S.MCCULLOCH MAY 2012	M.CHAMBERS MAY 2012	N.COOTE MAY 2012
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project
ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title
FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 10 OF 11



mouchel
building great relationships

Office
LIVERPOOL

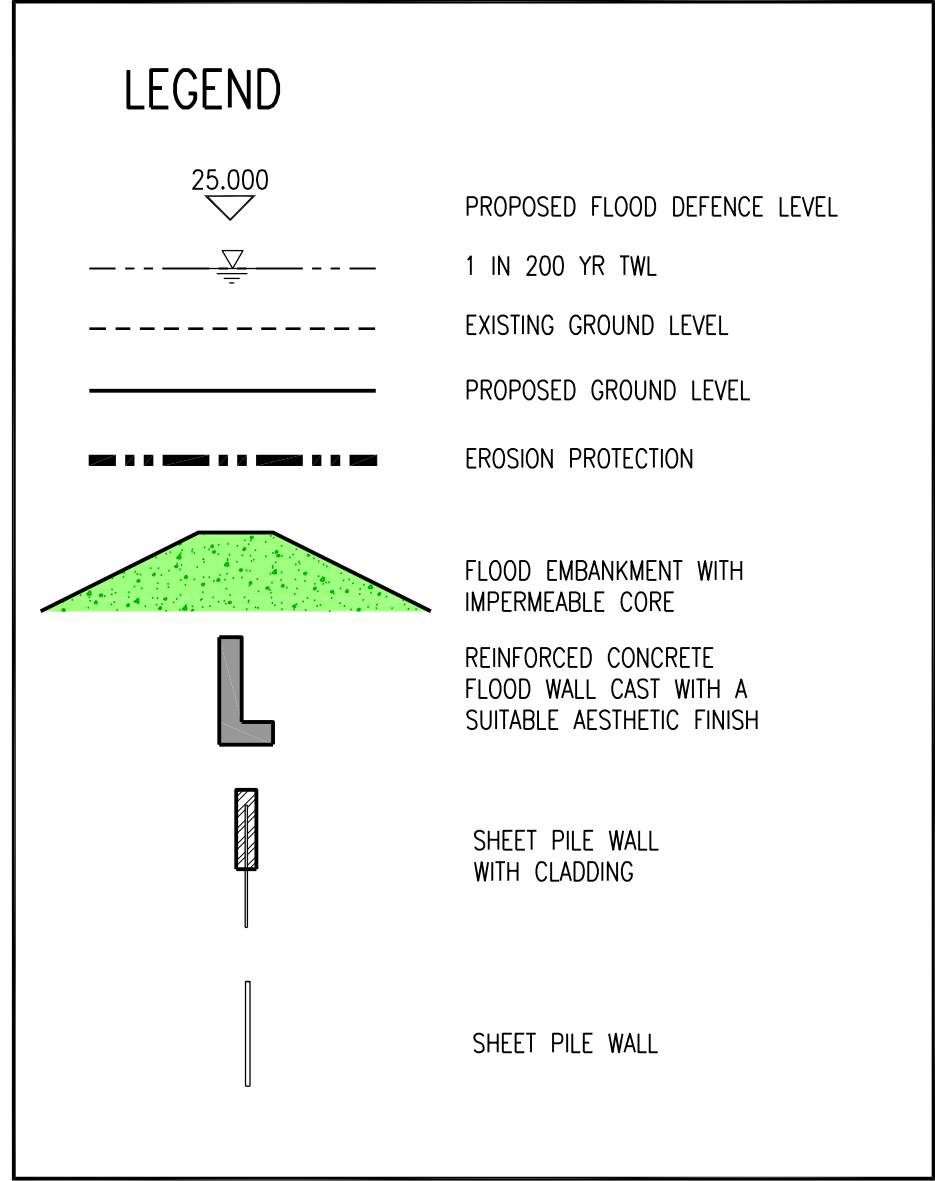
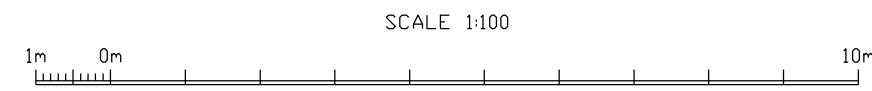
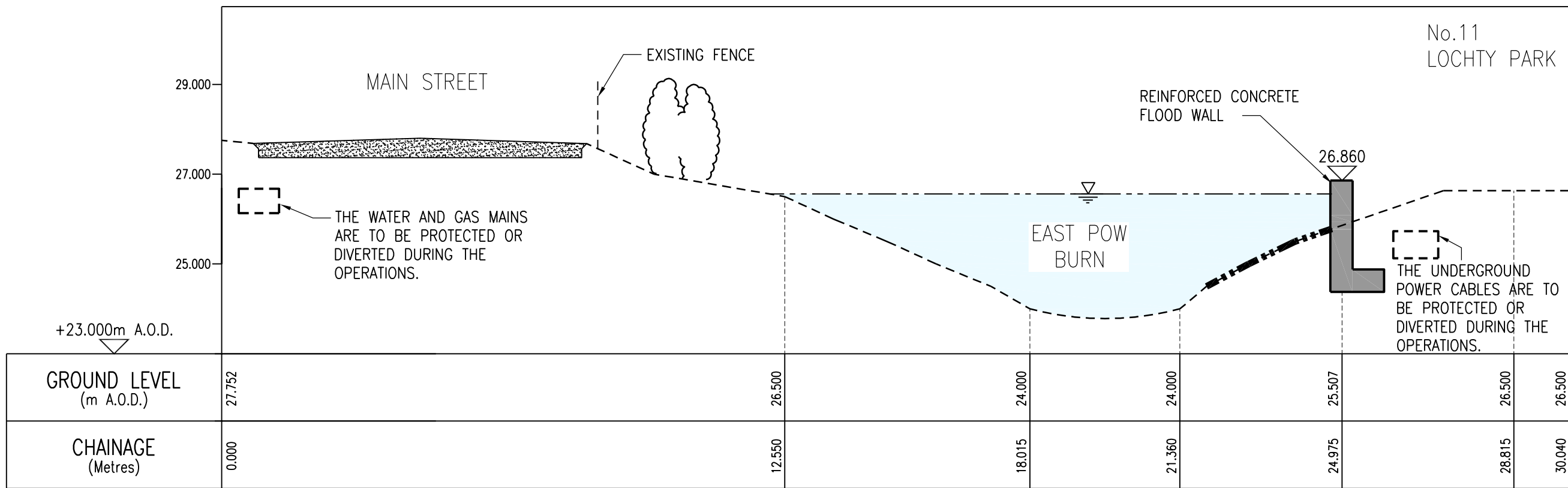
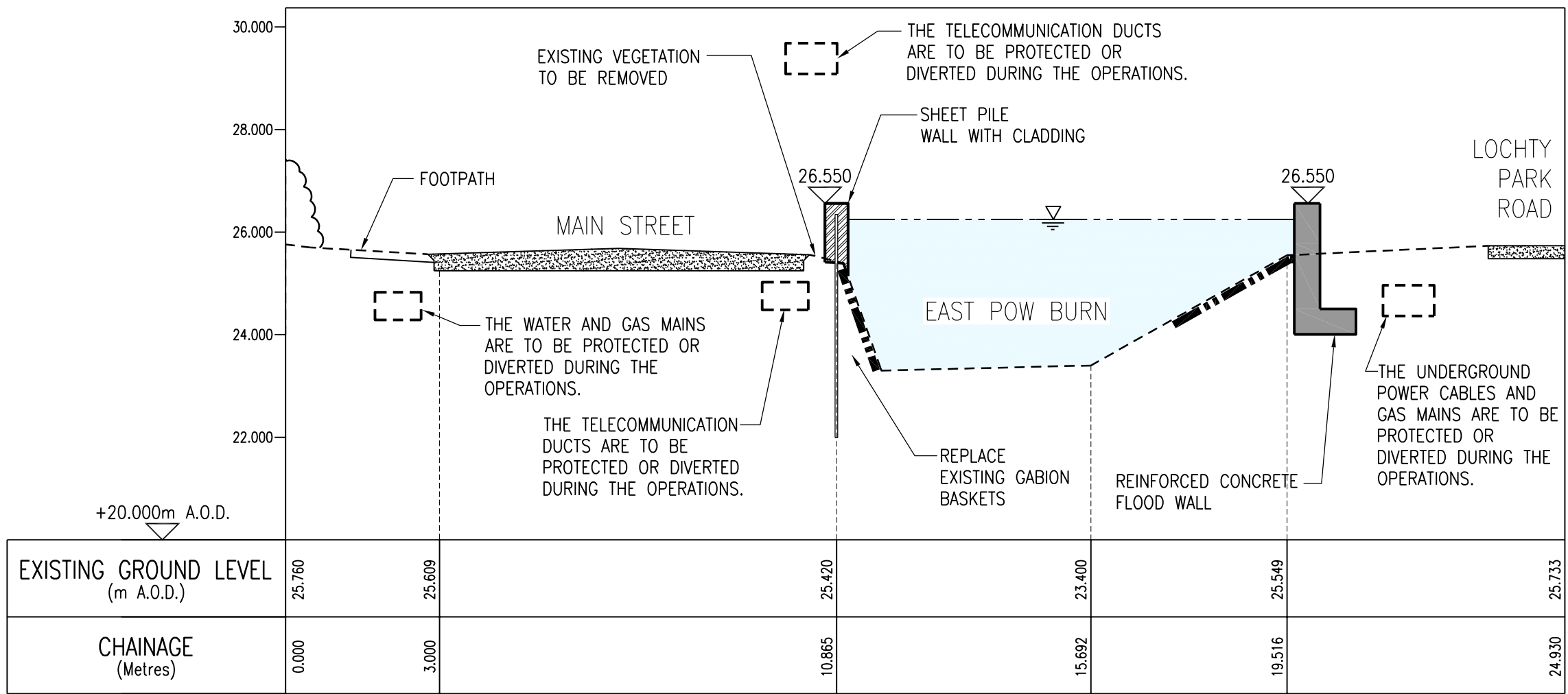
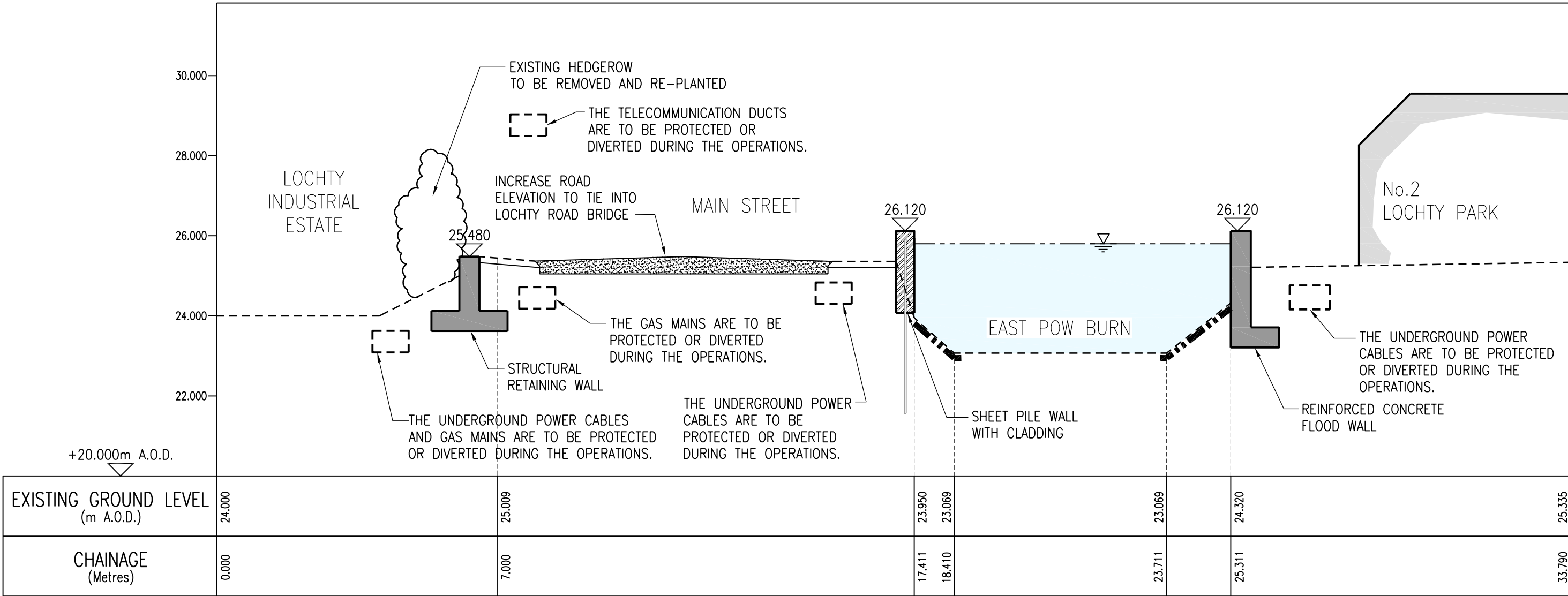
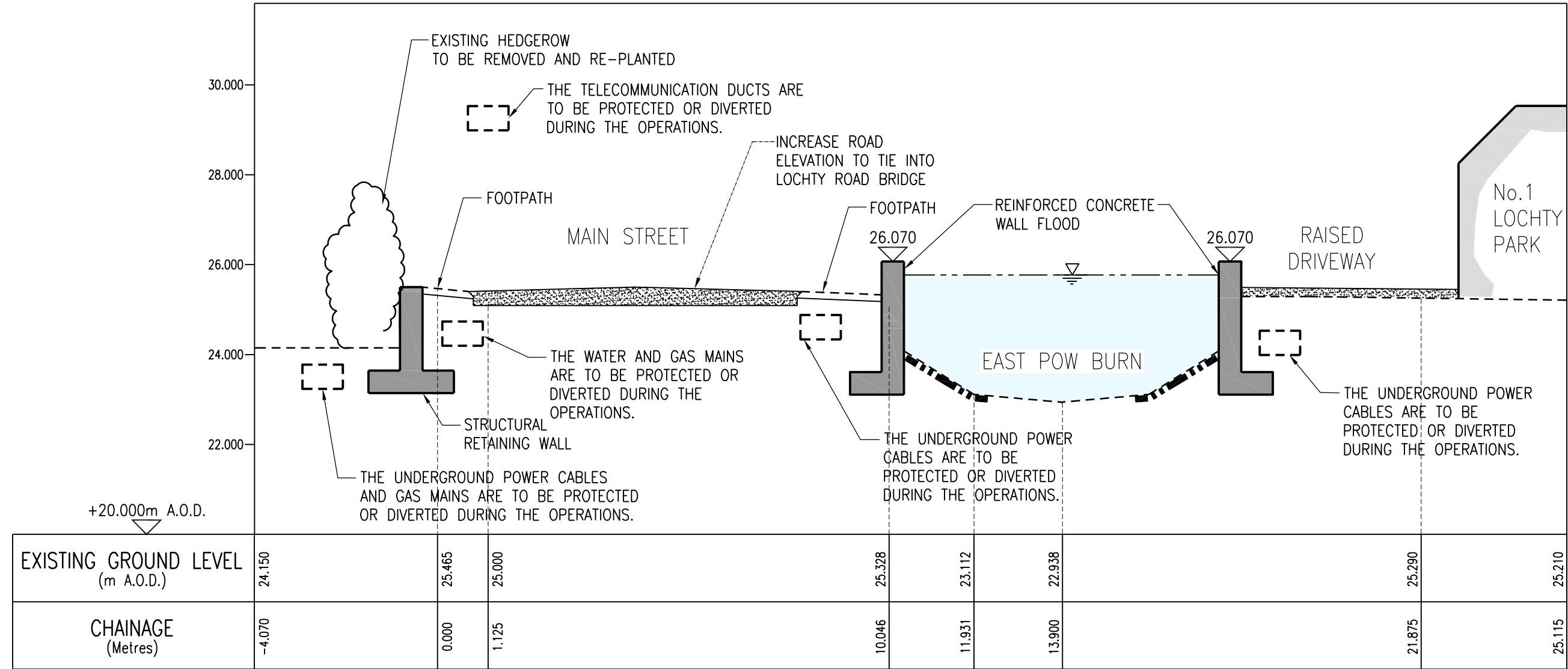
Tel No
(0151) 237-4200

Scales (at A1 size)
1:100

Purpose of Issue
FLOOD PROTECTION OPERATIONS

Drawing No
716516/AF0/311

Version
E



DRAWING REFERENCES

716516/AF0/215 - FLOOD PROTECTION OPERATIONS SHEET 14 OF 15 - VECTOR AEROSPACE AND LOCHTY PARK
716516/AF0/216 - FLOOD PROTECTION OPERATIONS SHEET 15 OF 15 - LOCHTY PARK

THIS IS THE PLAN MARKED **716516/AF0/312** REFERRED TO IN THE FLOOD PROTECTION SCHEME FOR ALMONDBANK FLOOD PROTECTION SCHEME 2013

PROPER OFFICER

(Signature)

FOR PERTH AND KINROSS COUNCIL

(date)

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- OPERATIONS ALONG THE LENGTH OF THE RIVER ALMOND AND THE EAST POW BURN WILL BE FINISHED WITH A SCHEME OF PLANTING AND LANDSCAPING.
- ALL OUTFALLS WHICH DISCHARGE TO THE RIVER ALMOND AND THE EAST POW BURN IDENTIFIED WITHIN THE OPERATIONS, WILL INCORPORATE APPROPRIATE BACK FLOW 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.

E	CLIENT AMENDMENTS	M.CHAMBERS 28.06.13	P.LAMBERT 28.06.13	N.COOKIE 28.06.13
D	CLIENT AMENDMENTS	S.MCCULLOCH 29.05.13	P.LAMBERT 29.05.13	N.COOKIE 29.05.13
C	CLIENT AMENDMENTS	S.MCCULLOCH 03.05.13	P.LAMBERT 03.05.13	N.COOKIE 03.05.13
B	FOR INFORMATION	M.CHAMBERS 15.02.13	P.LAMBERT 15.02.13	N.COOKIE 15.02.13
A	FOR INFORMATION	S.MCCULLOCH 12 MAY	M.CHAMBERS 12 MAY	N.COOKIE 12 MAY
Version	Amendment	Drawn Date	Checked Date	Approved Date

Project ALMONDBANK FLOOD PROTECTION SCHEME

Drawing Title

FLOOD PROTECTION OPERATIONS
CROSS SECTIONS SHEET 11 OF 11



mouchel
building great relationships

Office
LIVERPOOL

Tel No
(0151) 237-4200

Scales (at A1 size)
1:100
Purpose of Issue
FLOOD PROTECTION OPERATIONS

Drawing No
716516/AF0/312
Version
E