

KILLEAN WIND FARM

FIGURE 2.11a

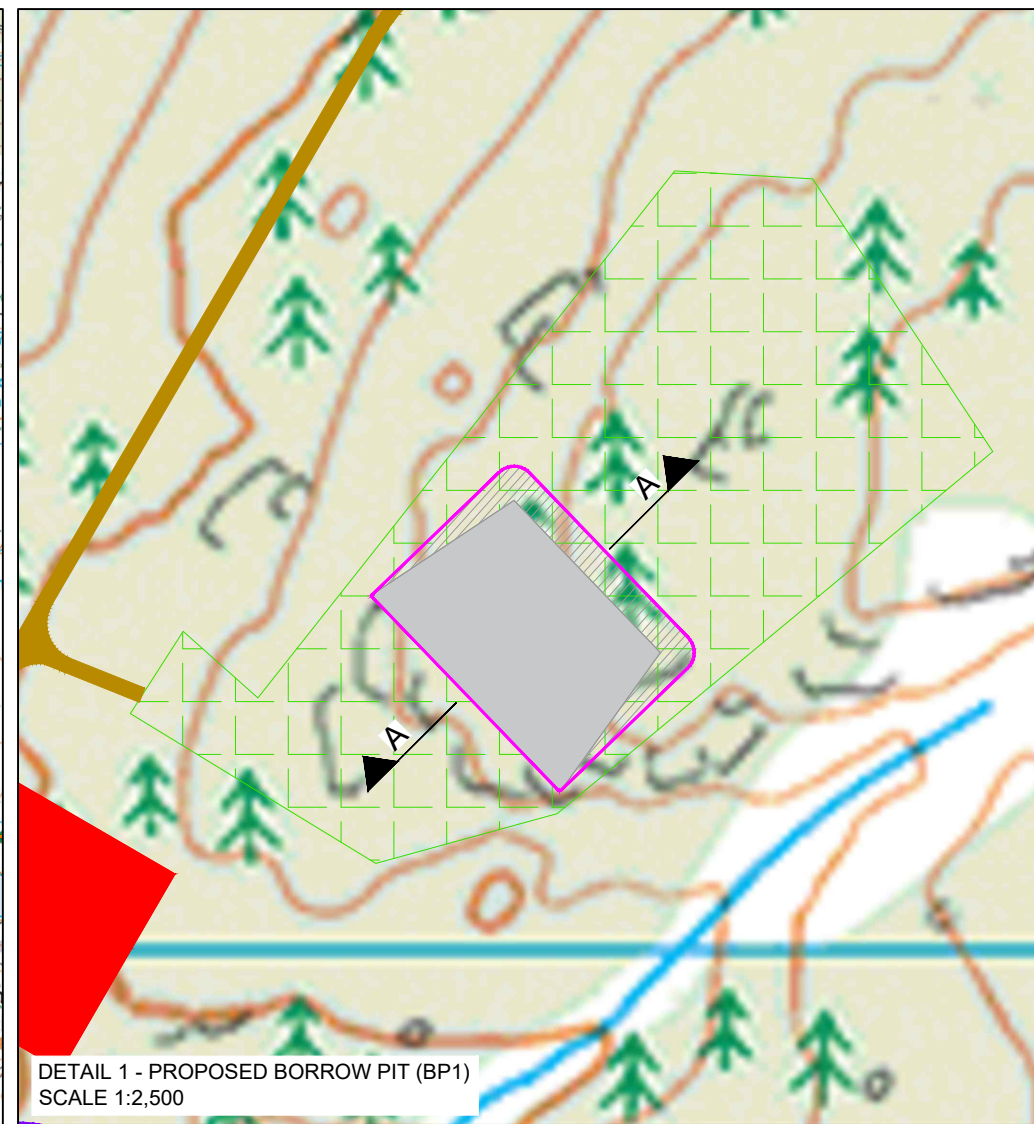
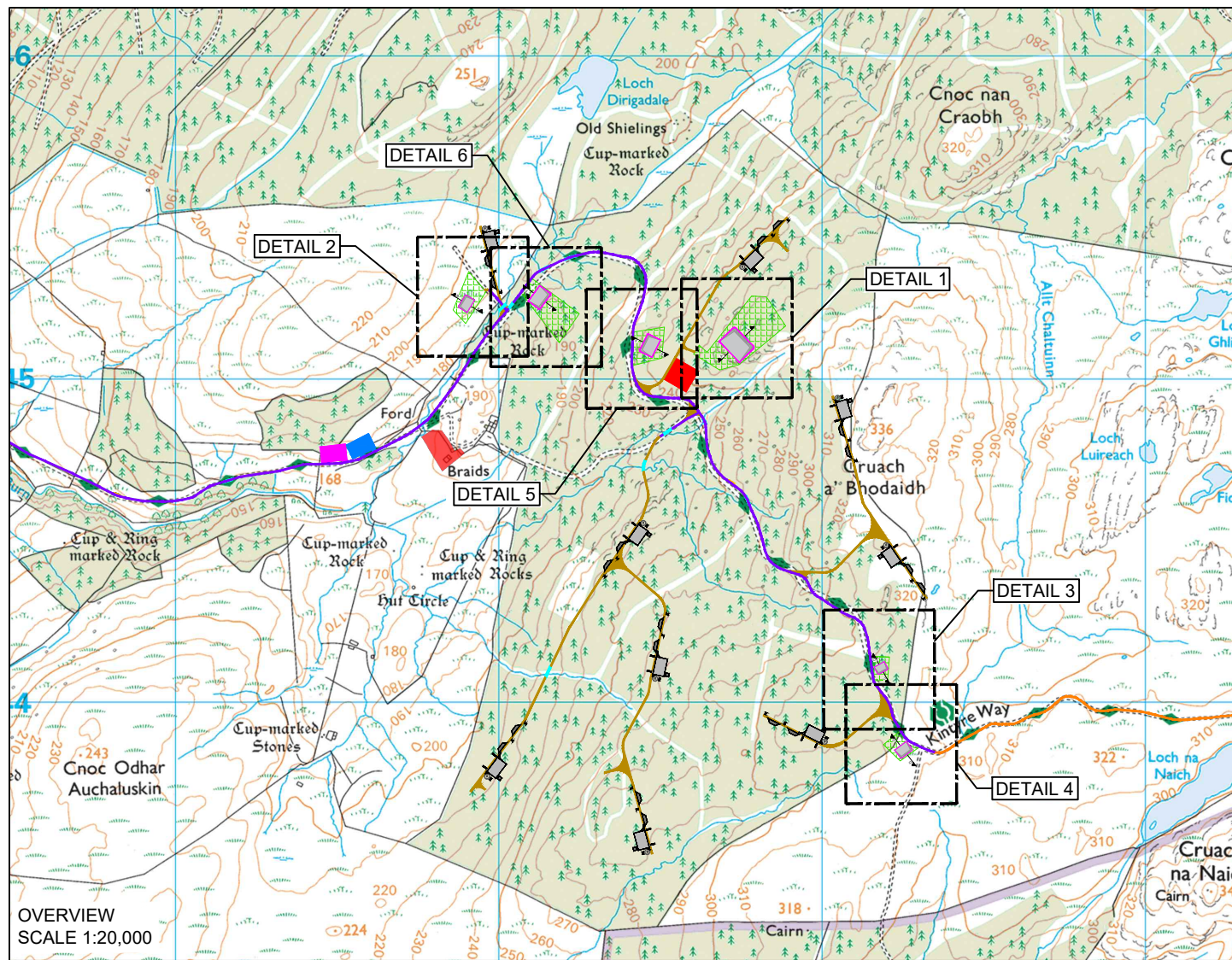
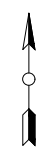
INDICATIVE BORROW PIT GENERAL ARRANGEMENT (BP1)

KEY:

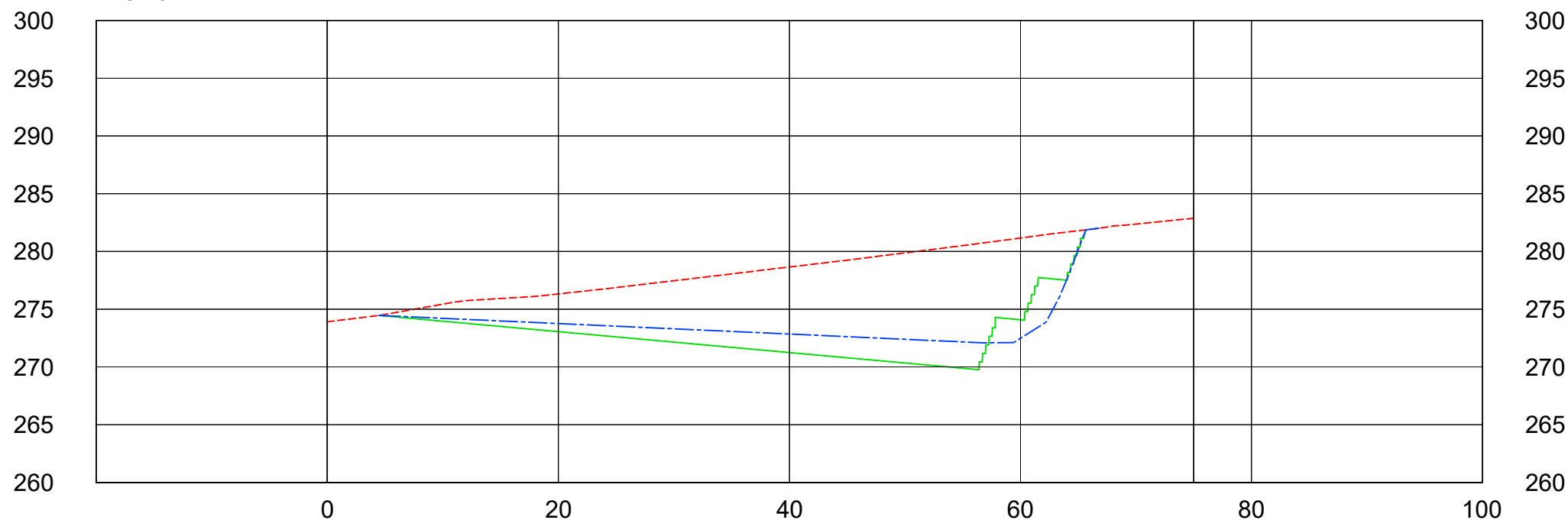
- BORROW PIT SEARCH AREA
- INDICATIVE BORROW PIT LOCATION

NOTES:

1. FOR SITE INFRASTRUCTURE DETAILS REFER TO DRAWING 03226-RES-LAY-DR-PE-001.
2. PLAN AREA AND LOCATION OF BORROW PIT(S) WITHIN SEARCH AREA TO BE CONFIRMED FOLLOWING DETAILED GROUND INVESTIGATION WORKS.
3. OVERBURNED STORAGE ARRANGEMENTS, PEAT MANAGEMENT AND REINSTATEMENT PLAN WILL BE DEVELOPED DURING DETAILED DESIGN OF THE BORROW PIT(S) AND IN CONSULTATION WITH SEPA. THE DETAILED DESIGN SHALL TAKE DUE COGNISANCE OF THE MAXIMUM ALLOWABLE PEAT REINSTATEMENT DEPTH WITHIN THE BORROW PIT(S) OF 2m.
4. DETAILS OF SURFACE WATER DRAINAGE, SETTLEMENT PONDS, ETC., TO BE DESIGNED IN CONSULTATION WITH SEPA.
5. PROPOSED EXTRACTION OF STONE TO BE, TYPICALLY, FORMATION OF STEEPLY GRADED 1.5m HIGH FACES AND 0.5m WIDE BENCHES WITH 10m BENCHES EVERY 15m IN DEPTH, ALL SLOPING TO BASE OF THE PIT.
6. TYPICALLY, FACE HEIGHT WILL NOT EXCEED 15m OR 70° SLOPE ANGLE.



SECTION A-A



KEY

- EXISTING GROUND PROFILE
- PROPOSED EXTRACTION
- INDICATIVE RESTORATION PROFILE

PROFILE VIEW
SCALE 1:500

LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
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DRAWING NUMBER	03226-RES-ERW-DR-PT-003	REV	1
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SCALE - AS SHOWN @ A3

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KILLEAN WIND FARM

FIGURE 2.11b

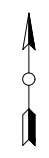
INDICATIVE BORROW PIT GENERAL ARRANGEMENT (BP2)

KEY:

- BORROW PIT SEARCH AREA
- INDICATIVE BORROW PIT LOCATION

NOTES:

1. FOR SITE INFRASTRUCTURE DETAILS REFER TO DRAWING 03226-RES-LAY-DR-PE-001.
2. PLAN AREA AND LOCATION OF BORROW PIT(S) WITHIN SEARCH AREA TO BE CONFIRMED FOLLOWING DETAILED GROUND INVESTIGATION WORKS.
3. OVERBURNED STORAGE ARRANGEMENTS, PEAT MANAGEMENT AND REINSTATEMENT PLAN WILL BE DEVELOPED DURING DETAILED DESIGN OF THE BORROW PIT(S) AND IN CONSULTATION WITH SEPA. THE DETAILED DESIGN SHALL TAKE DUE COGNISANCE OF THE MAXIMUM ALLOWABLE PEAT REINSTATEMENT DEPTH WITHIN THE BORROW PIT(S) OF 2m.
4. DETAILS OF SURFACE WATER DRAINAGE, SETTLEMENT PONDS, ETC., TO BE DESIGNED IN CONSULTATION WITH SEPA.
5. PROPOSED EXTRACTION OF STONE TO BE, TYPICALLY, FORMATION OF STEEPLY GRADED 1.5m HIGH FACES AND 0.5m WIDE BENCHES WITH 10m BENCHES EVERY 15m IN DEPTH, ALL SLOPING TO BASE OF THE PIT.
6. TYPICALLY, FACE HEIGHT WILL NOT EXCEED 15m OR 70° SLOPE ANGLE.



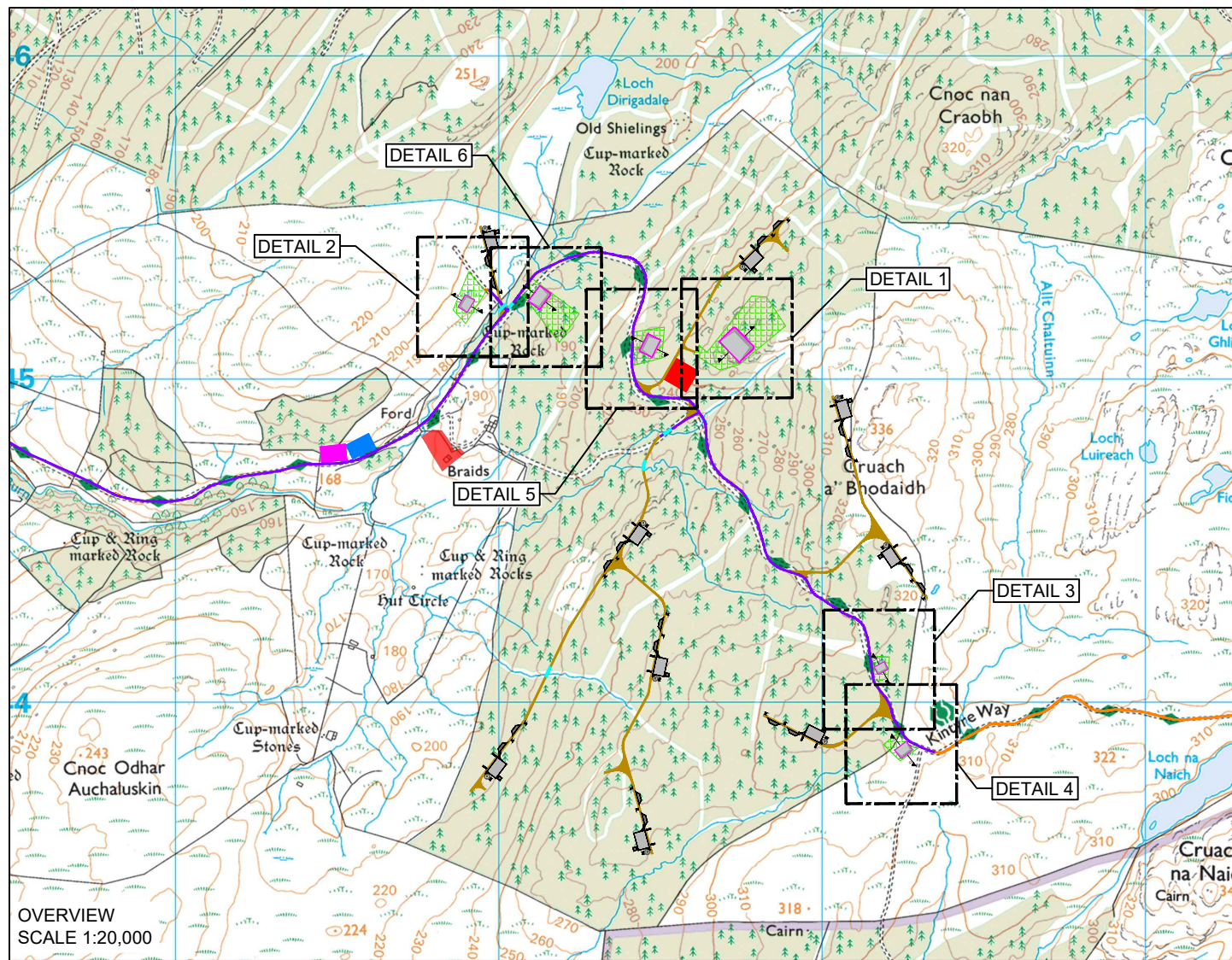
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DRAWING NUMBER	03226-RES-ERW-DR-PT-003	REV	1
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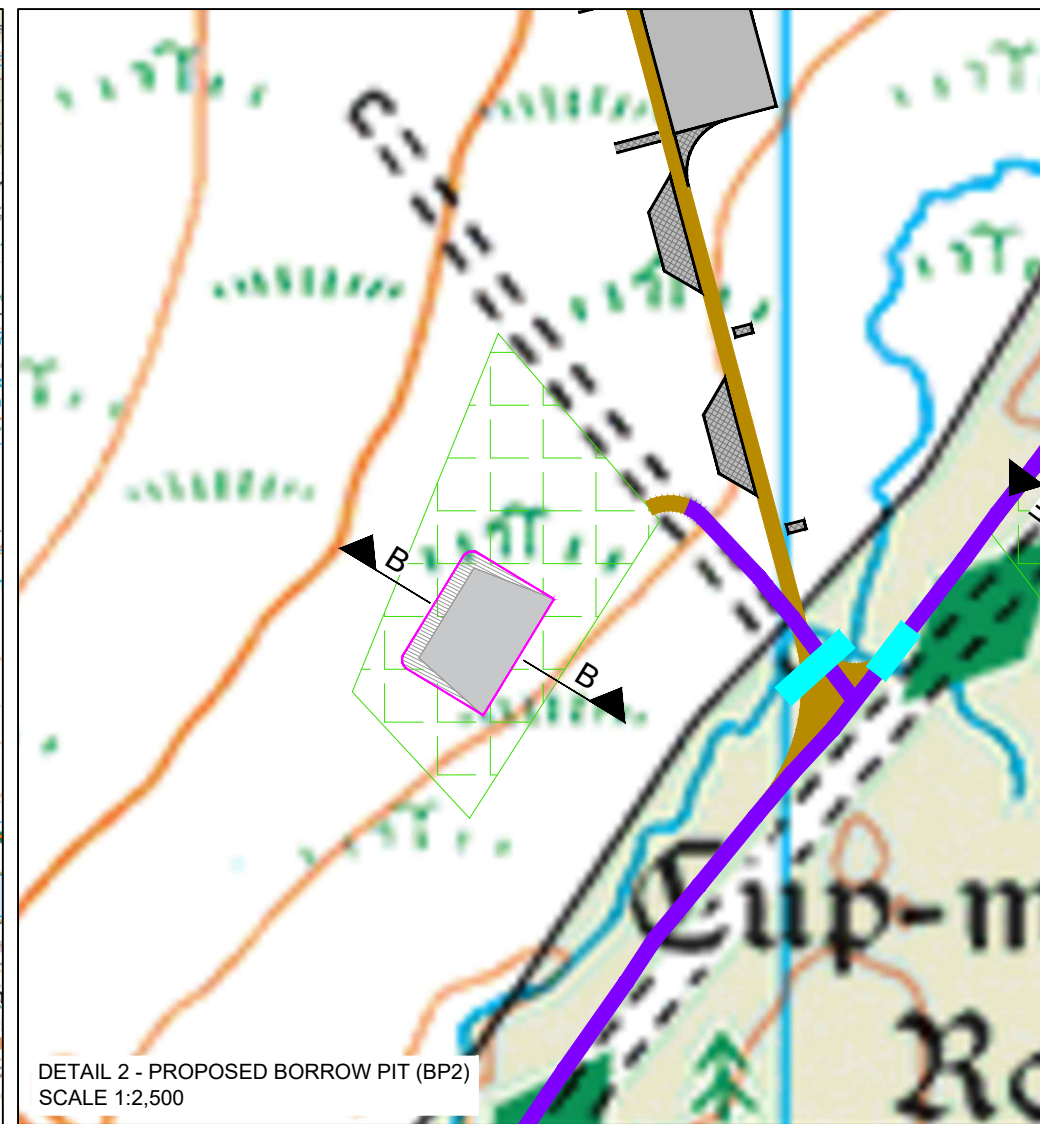
SCALE - AS SHOWN @ A3

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OVERVIEW
SCALE 1:20,000

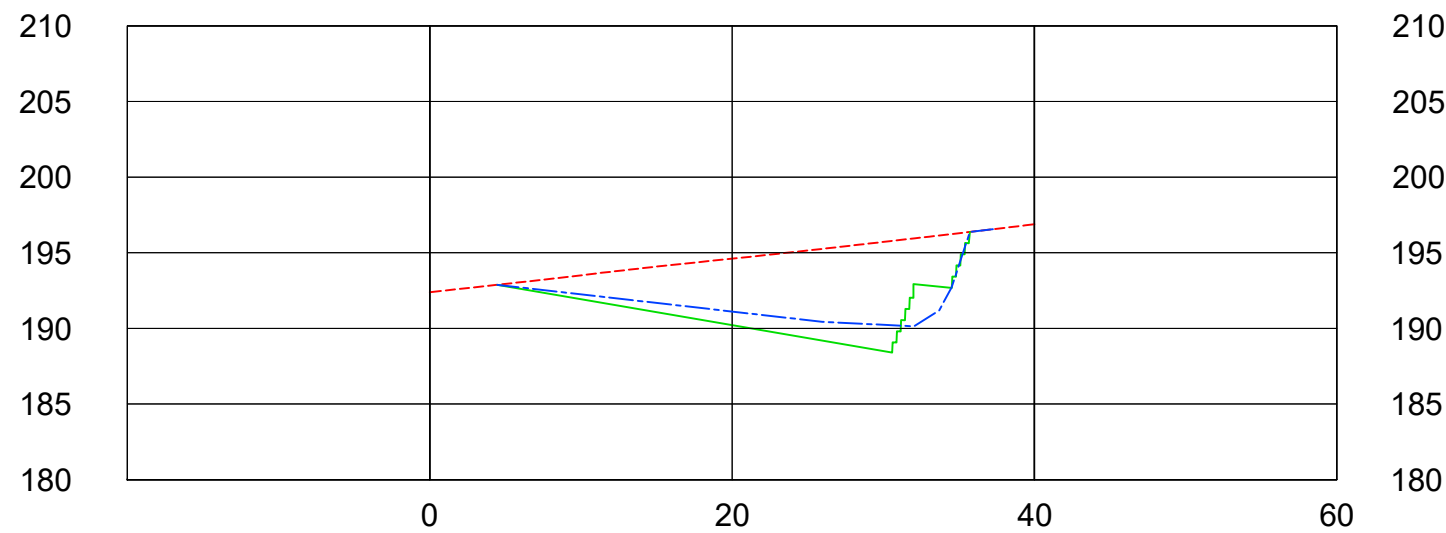


DETAIL 2 - PROPOSED BORROW PIT (BP2)
SCALE 1:2,500

KEY

- EXISTING GROUND PROFILE
- PROPOSED EXTRACTION
- INDICATIVE RESTORATION PROFILE

SECTION B-B



PROFILE VIEW
SCALE 1:500

KILLEAN WIND FARM

FIGURE 2.11c

INDICATIVE BORROW PIT GENERAL ARRANGEMENT (BP3)

KEY:

- BORROW PIT SEARCH AREA
- INDICATIVE BORROW PIT LOCATION

NOTES:

1. FOR SITE INFRASTRUCTURE DETAILS REFER TO DRAWING 03226-RES-LAY-DR-PE-001.
2. PLAN AREA AND LOCATION OF BORROW PIT(S) WITHIN SEARCH AREA TO BE CONFIRMED FOLLOWING DETAILED GROUND INVESTIGATION WORKS.
3. OVERBURNED STORAGE ARRANGEMENTS, PEAT MANAGEMENT AND REINSTATEMENT PLAN WILL BE DEVELOPED DURING DETAILED DESIGN OF THE BORROW PIT(S) AND IN CONSULTATION WITH SEPA. THE DETAILED DESIGN SHALL TAKE DUE COGNISANCE OF THE MAXIMUM ALLOWABLE PEAT REINSTATEMENT DEPTH WITHIN THE BORROW PIT(S) OF 2m.
4. DETAILS OF SURFACE WATER DRAINAGE, SETTLEMENT PONDS, ETC., TO BE DESIGNED IN CONSULTATION WITH SEPA.
5. PROPOSED EXTRACTION OF STONE TO BE, TYPICALLY, FORMATION OF STEEPLY GRADED 1.5m HIGH FACES AND 0.5m WIDE BENCHES WITH 10m BENCHES EVERY 15m IN DEPTH, ALL SLOPING TO BASE OF THE PIT.
6. TYPICALLY, FACE HEIGHT WILL NOT EXCEED 15m OR 70° SLOPE ANGLE.



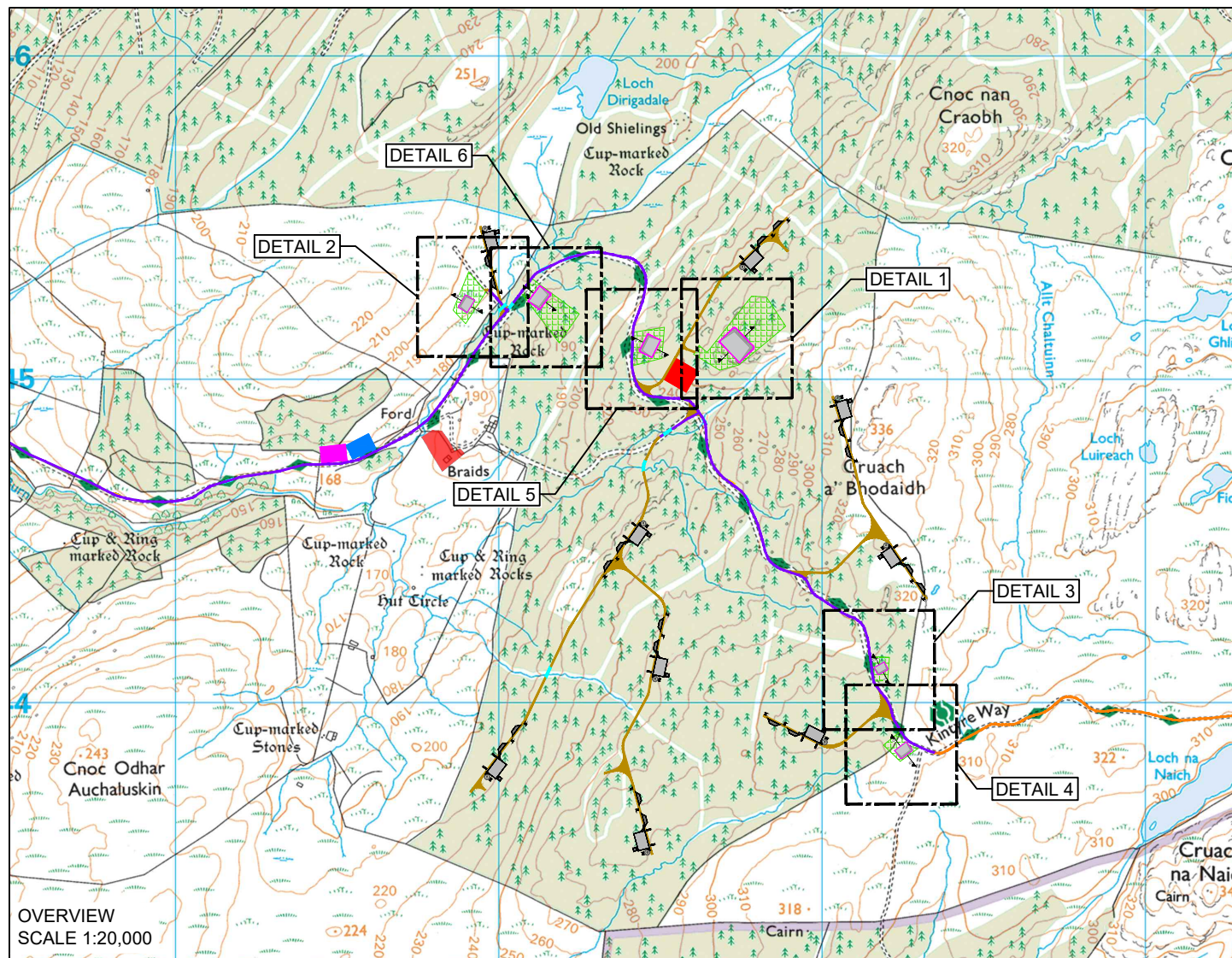
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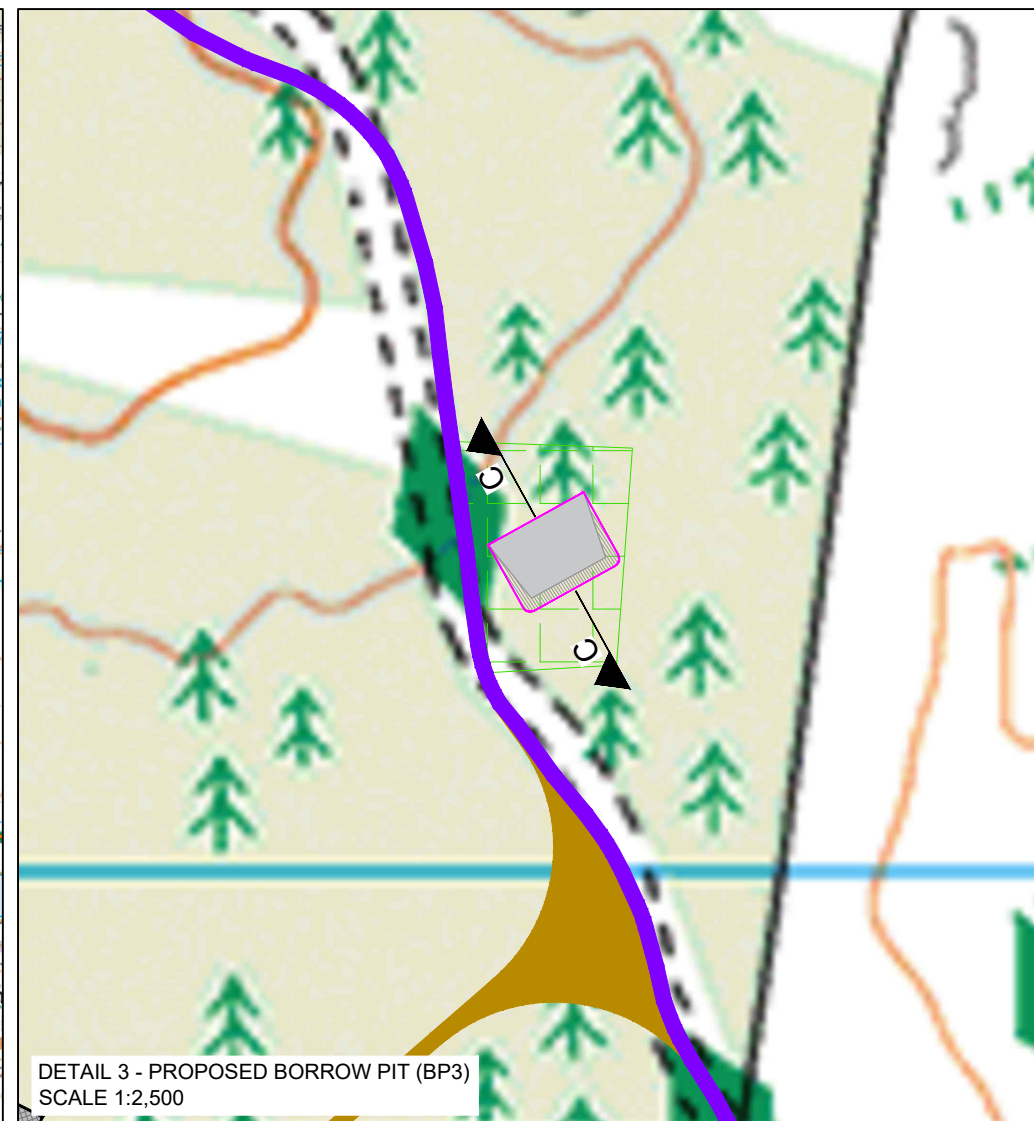
SCALE - AS SHOWN @ A3

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OVERVIEW
SCALE 1:20,000

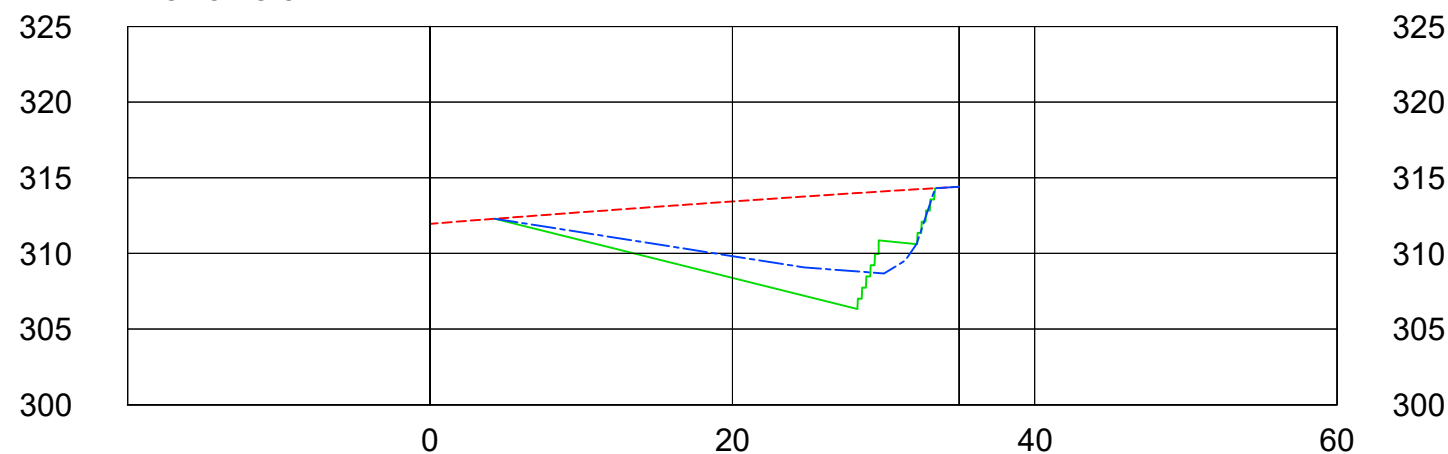


DETAIL 3 - PROPOSED BORROW PIT (BP3)
SCALE 1:2,500

KEY

- EXISTING GROUND PROFILE
- PROPOSED EXTRACTION
- INDICATIVE RESTORATION PROFILE

SECTION C-C



PROFILE VIEW
SCALE 1:500

KILLEAN WIND FARM

FIGURE 2.11d

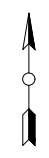
INDICATIVE BORROW PIT GENERAL ARRANGEMENT (BP4)

KEY:

- BORROW PIT SEARCH AREA
- INDICATIVE BORROW PIT LOCATION

NOTES:

1. FOR SITE INFRASTRUCTURE DETAILS REFER TO DRAWING 03226-RES-LAY-DR-PE-001.
2. PLAN AREA AND LOCATION OF BORROW PIT(S) WITHIN SEARCH AREA TO BE CONFIRMED FOLLOWING DETAILED GROUND INVESTIGATION WORKS.
3. OVERBURNED STORAGE ARRANGEMENTS, PEAT MANAGEMENT AND REINSTATEMENT PLAN WILL BE DEVELOPED DURING DETAILED DESIGN OF THE BORROW PIT(S) AND IN CONSULTATION WITH SEPA. THE DETAILED DESIGN SHALL TAKE DUE COGNISANCE OF THE MAXIMUM ALLOWABLE PEAT REINSTATEMENT DEPTH WITHIN THE BORROW PIT(S) OF 2m.
4. DETAILS OF SURFACE WATER DRAINAGE, SETTLEMENT PONDS, ETC., TO BE DESIGNED IN CONSULTATION WITH SEPA.
5. PROPOSED EXTRACTION OF STONE TO BE, TYPICALLY, FORMATION OF STEEPLY GRADED 1.5m HIGH FACES AND 0.5m WIDE BENCHES WITH 10m BENCHES EVERY 15m IN DEPTH, ALL SLOPING TO BASE OF THE PIT.
6. TYPICALLY, FACE HEIGHT WILL NOT EXCEED 15m OR 70° SLOPE ANGLE.



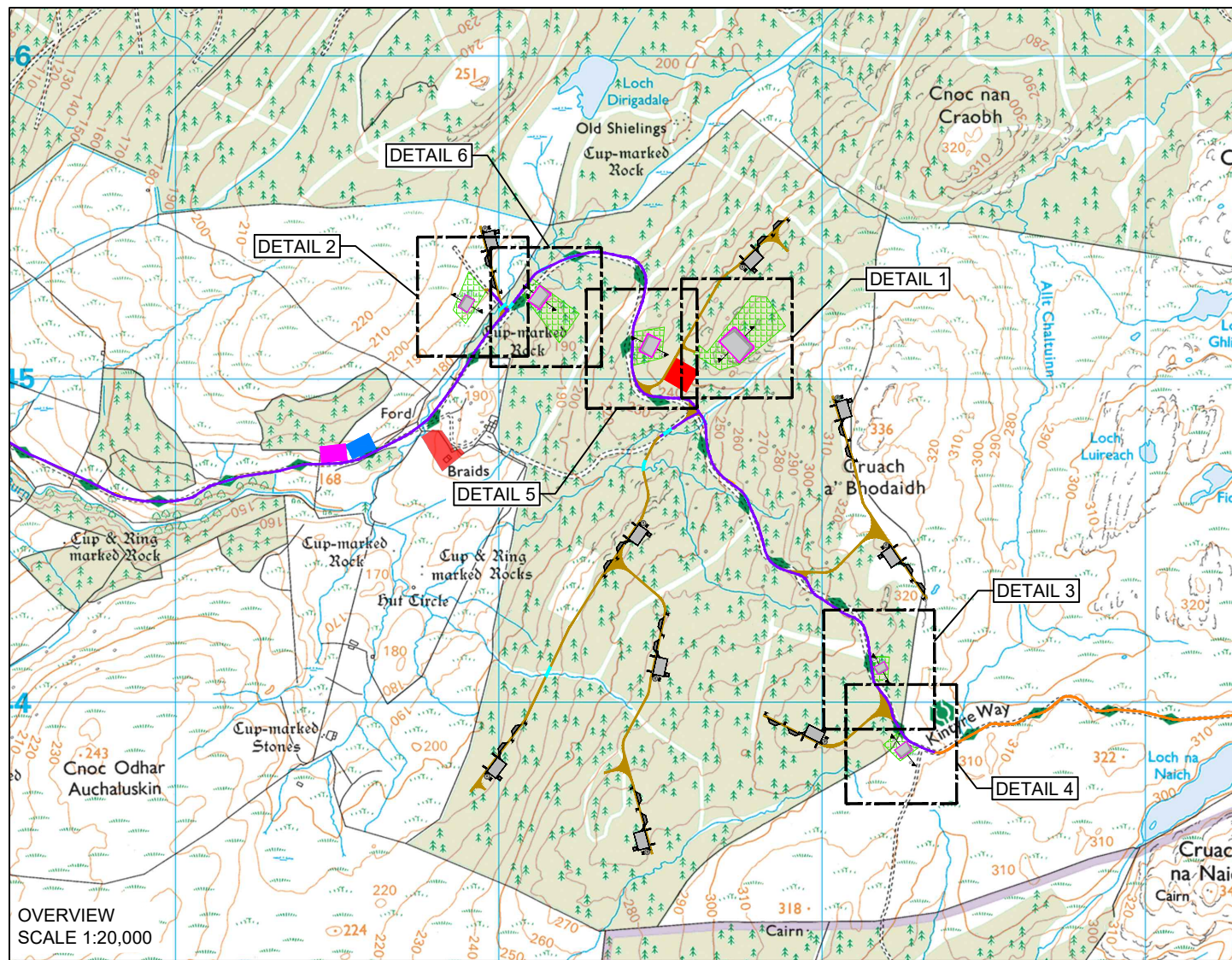
LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
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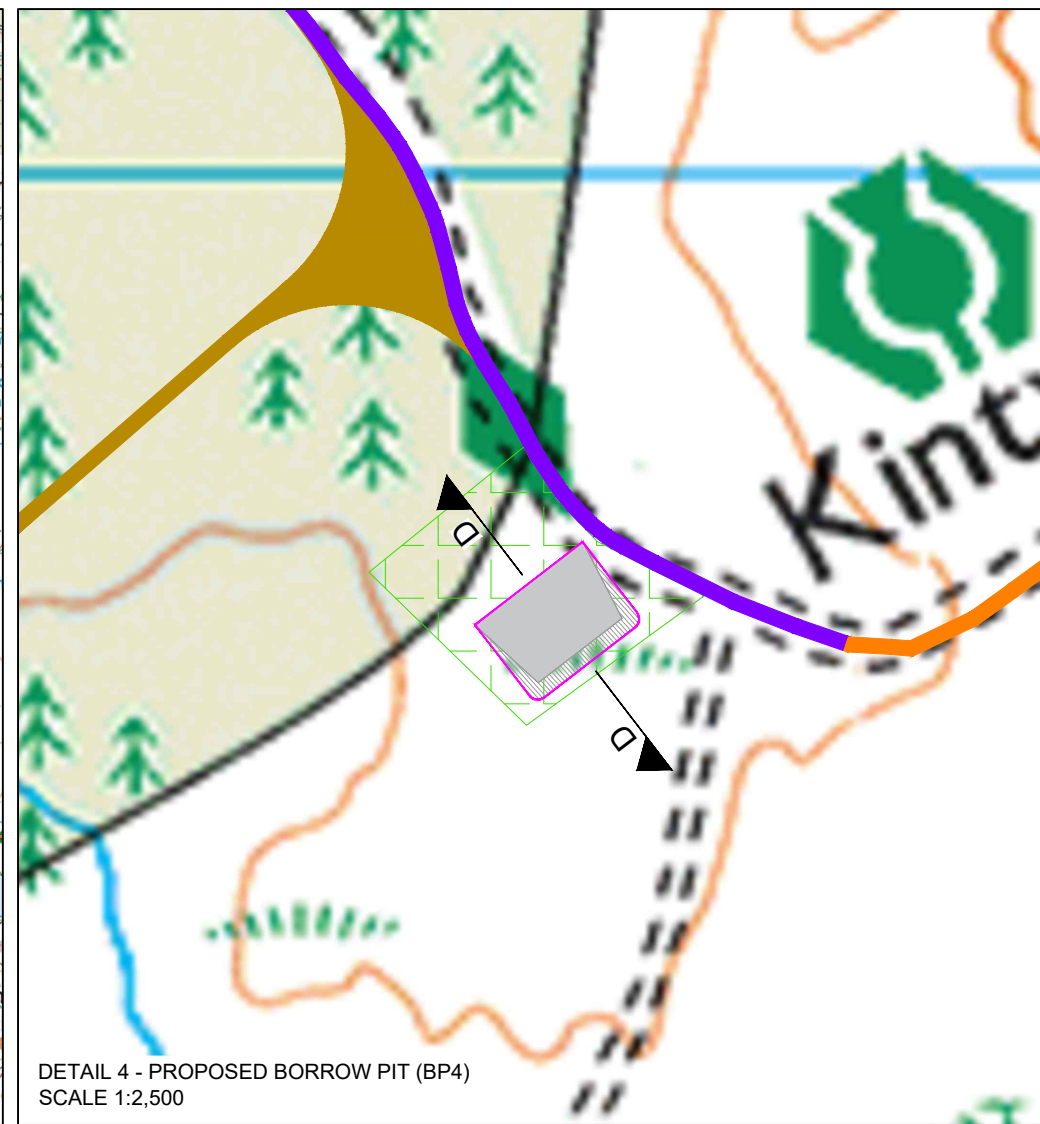
SCALE - AS SHOWN @ A3

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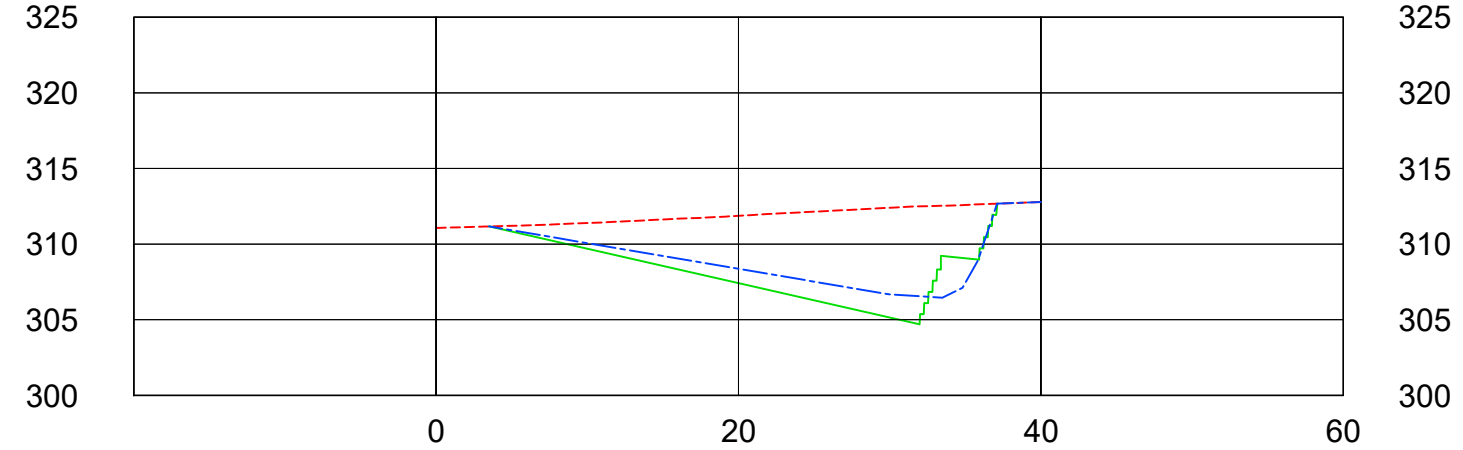
OVERVIEW
SCALE 1:20,000



DETAIL 4 - PROPOSED BORROW PIT (BP4)
SCALE 1:2,500

- KEY**
- EXISTING GROUND PROFILE
 - PROPOSED EXTRACTION
 - INDICATIVE RESTORATION PROFILE

SECTION D-D



PROFILE VIEW
SCALE 1:500

KILLEAN WIND FARM

FIGURE 2.11e

INDICATIVE BORROW PIT GENERAL ARRANGEMENT (BP5)

KEY:

- BORROW PIT SEARCH AREA
- INDICATIVE BORROW PIT LOCATION

NOTES:

1. FOR SITE INFRASTRUCTURE DETAILS REFER TO DRAWING 03226-RES-LAY-DR-PE-001.
2. PLAN AREA AND LOCATION OF BORROW PIT(S) WITHIN SEARCH AREA TO BE CONFIRMED FOLLOWING DETAILED GROUND INVESTIGATION WORKS.
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6. TYPICALLY, FACE HEIGHT WILL NOT EXCEED 15m OR 70° SLOPE ANGLE.

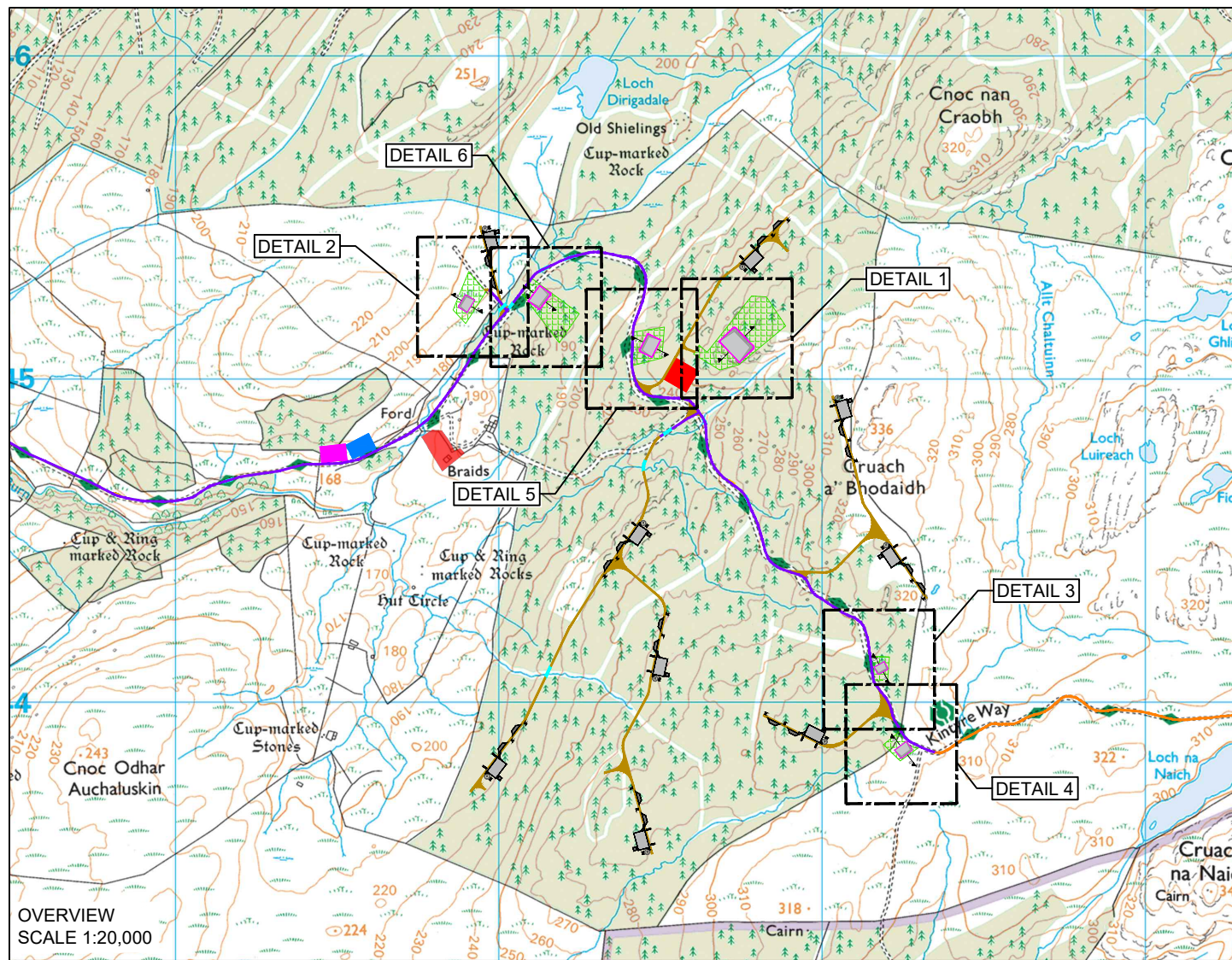


LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
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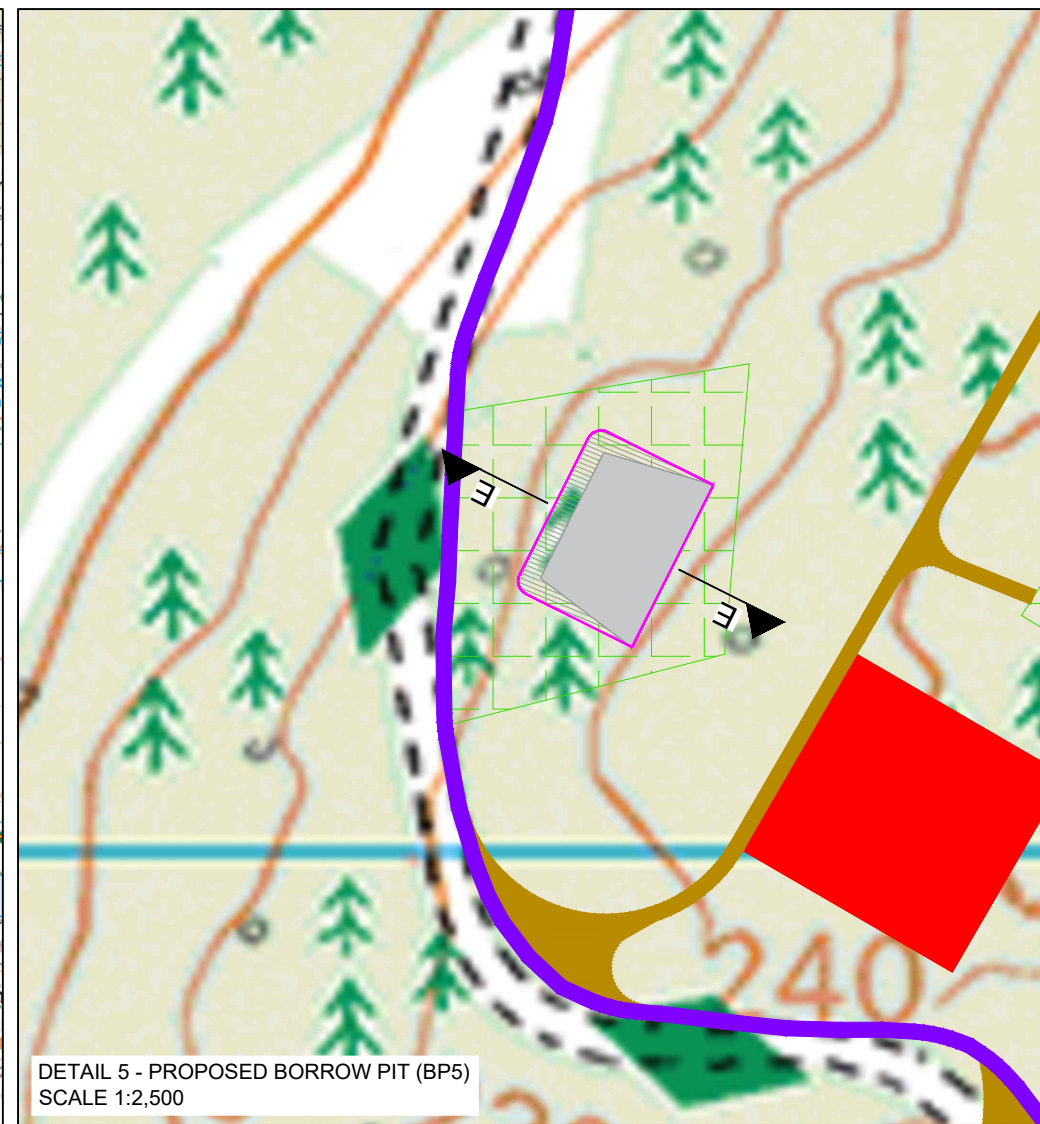
SCALE - AS SHOWN @ A3

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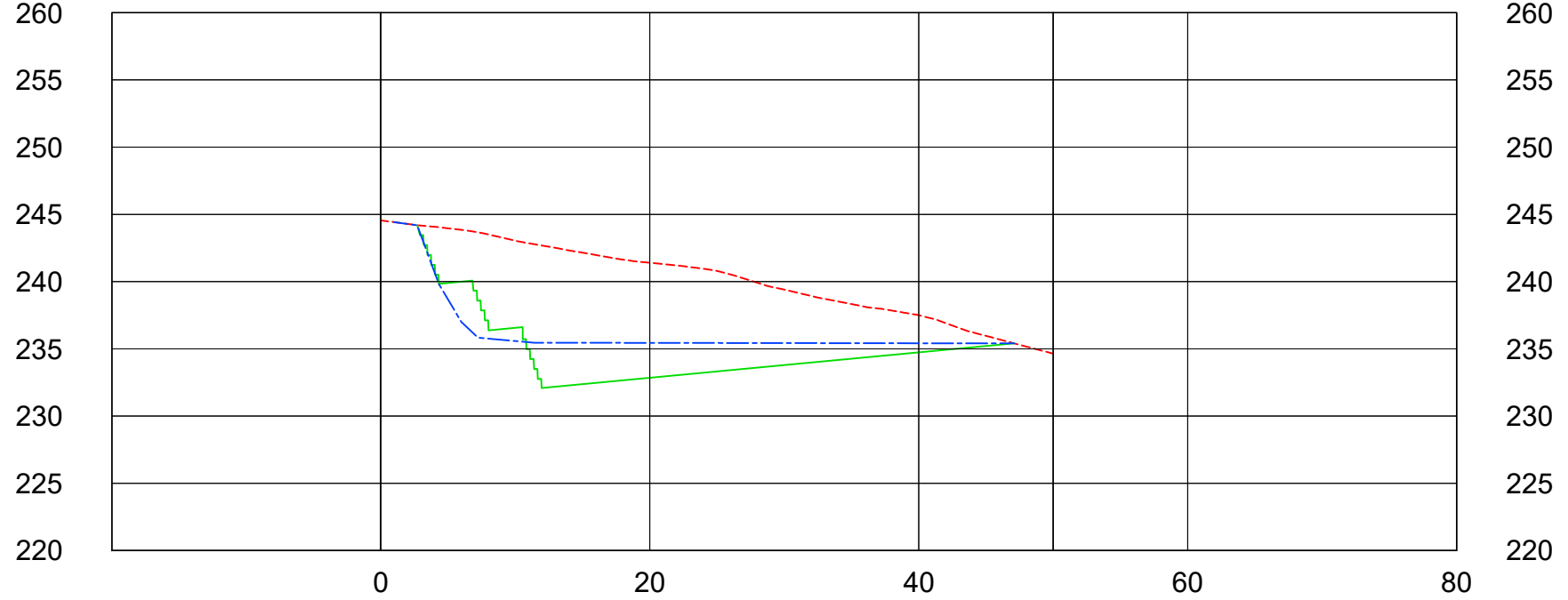
OVERVIEW
SCALE 1:20,000



DETAIL 5 - PROPOSED BORROW PIT (BP5)
SCALE 1:2,500

- KEY**
- EXISTING GROUND PROFILE
 - PROPOSED EXTRACTION
 - INDICATIVE RESTORATION PROFILE

SECTION E-E



PROFILE VIEW
SCALE 1:500

KILLEAN WIND FARM

FIGURE 2.11f

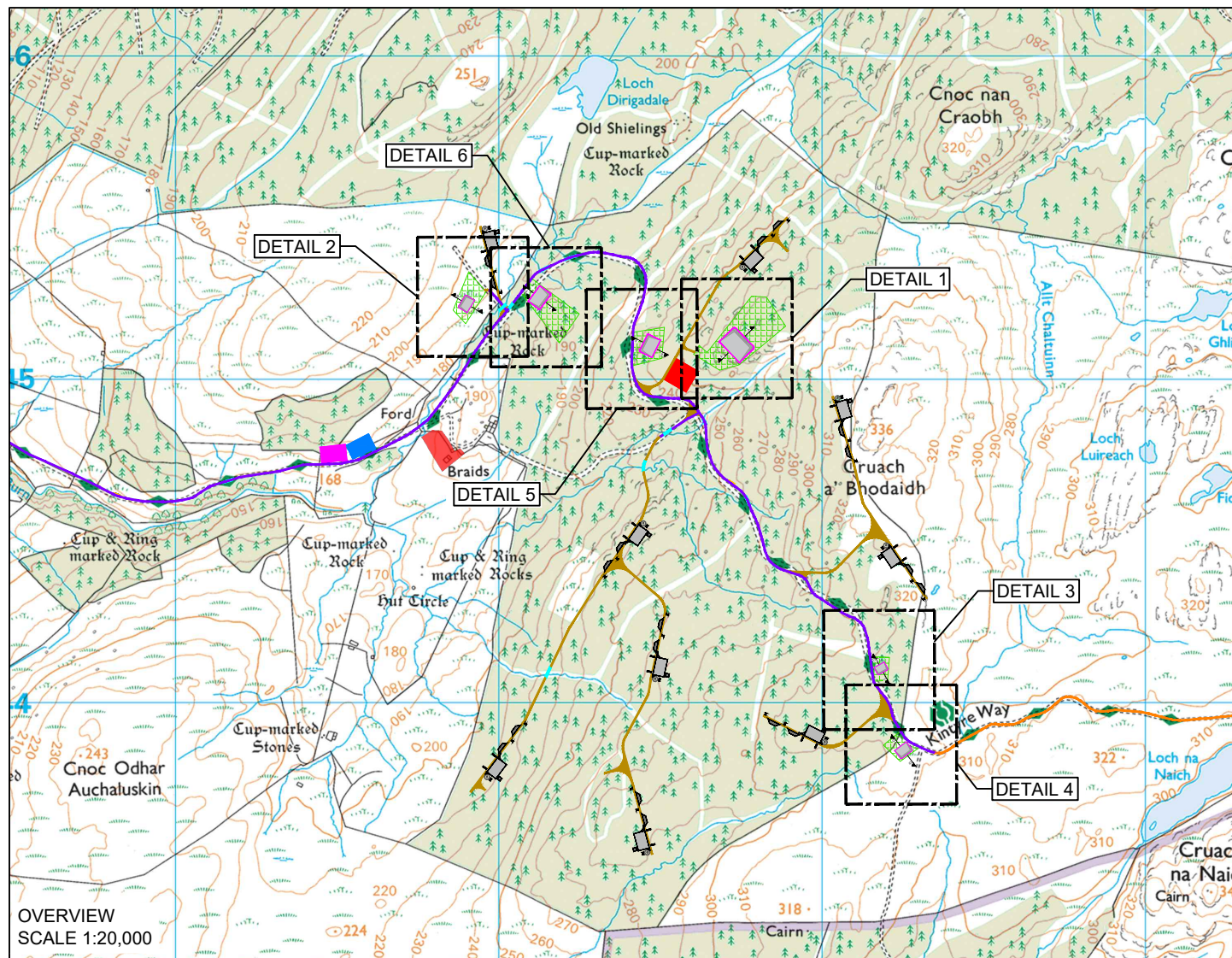
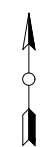
INDICATIVE BORROW PIT GENERAL ARRANGEMENT (BP6)

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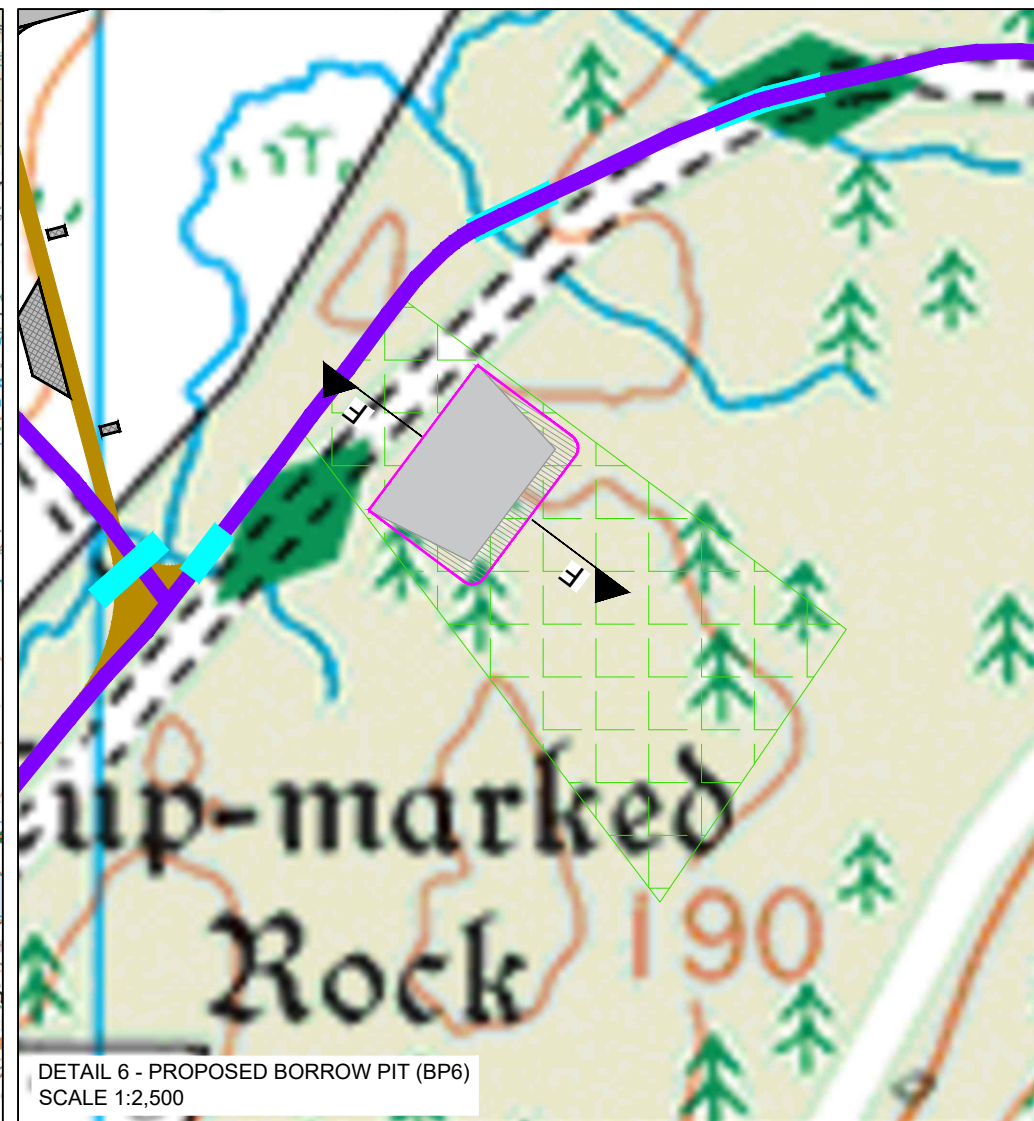
- BORROW PIT SEARCH AREA
- INDICATIVE BORROW PIT LOCATION

NOTES:

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6. TYPICALLY, FACE HEIGHT WILL NOT EXCEED 15m OR 70° SLOPE ANGLE.



OVERVIEW
SCALE 1:20,000

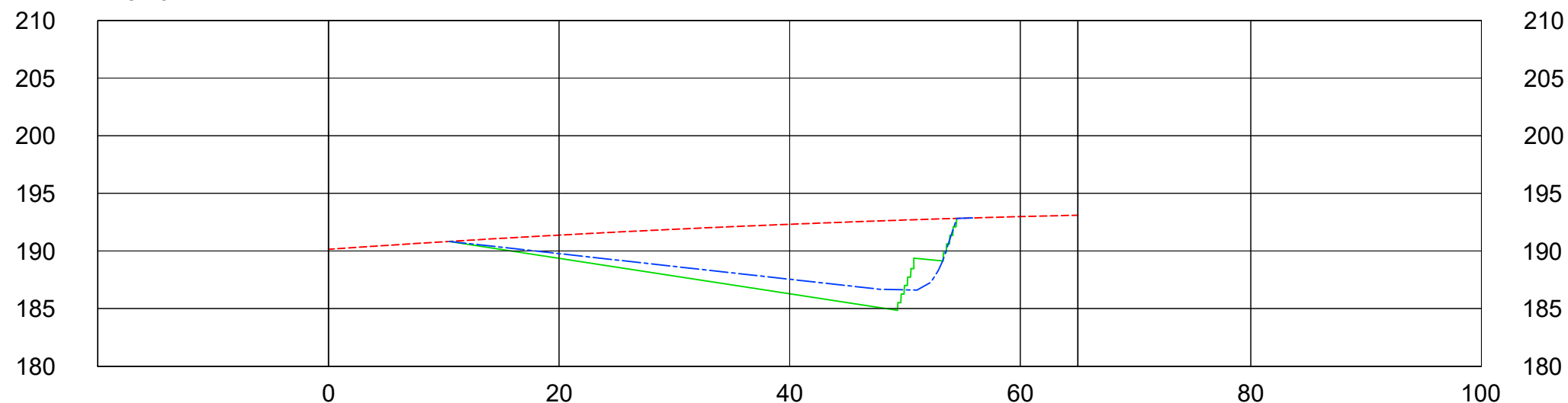


DETAIL 6 - PROPOSED BORROW PIT (BP6)
SCALE 1:2,500

KEY

- EXISTING GROUND PROFILE
- PROPOSED EXTRACTION
- INDICATIVE RESTORATION PROFILE

SECTION F-F



PROFILE VIEW
SCALE 1:1000

LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
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DRAWING NUMBER	03226-RES-ERW-DR-PT-003	REV	1
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SCALE - AS SHOWN @ A3

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