

650257
496294

RECEIVED: 29/03/2024

GENERAL NOTES

KEYED NOTES

- 1 WATERCROSSING #1
- 2 WATERCROSSING #2
- 3 WATERCROSSING #3
- 4 WATERCROSSING #4
- 5 WATERCROSSING #5
- 6 WATERCROSSING #6
- 7 WATERCROSSING #7
- 8 WATERCROSSING #8
- 9 WATERCROSSING #9
- 10 WATERCROSSING #10
- 11 WATERCROSSING #11
- 12 WATERCROSSING #12
- 13 WATERCROSSING #13
- 14 WATERCROSSING #14
- 15 SITE ENTRANCE
- 16 BALLYKETT WIND FARM STATION
- 17 TULLABRACK SUBSTATION
- 18 MONEYPPOINT SUBSTATION

LEGEND

- GRID ROUTE OPTION 1 - 38kV
- GRID ROUTE OPTION 2 - 20kV
- GRID ROUTE OPTION 3 - 20kV
- SITE BOUNDARY

P4	ADDED WC#14	08/05/23
P3	GENERAL REVISION	28/03/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	17/11/22
Rev	Description	Date

Suitability Status:
PLANNING

Client:
GREENSOURCE SUSTAINABLE DEVELOPMENTS

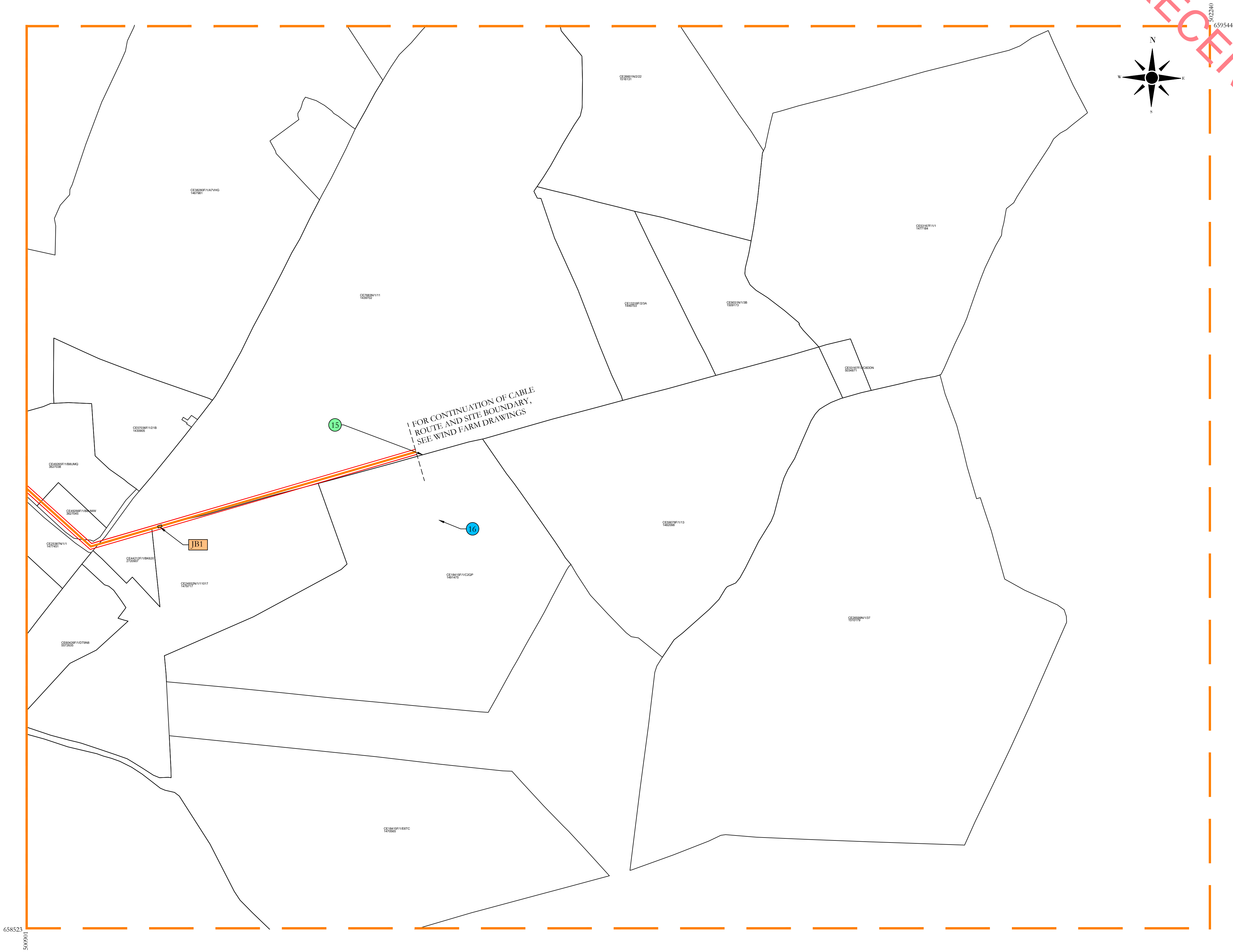
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE
SITE LOCATION

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
BFA	M.B.	B.F.	1:25000	09/11/22	A1



Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6001	P4



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12. FINAL JOINT BAY LOCATIONS SUBJECT TO CHANGE AND APPROVAL FROM ESB AND LOCAL AUTHORITY.

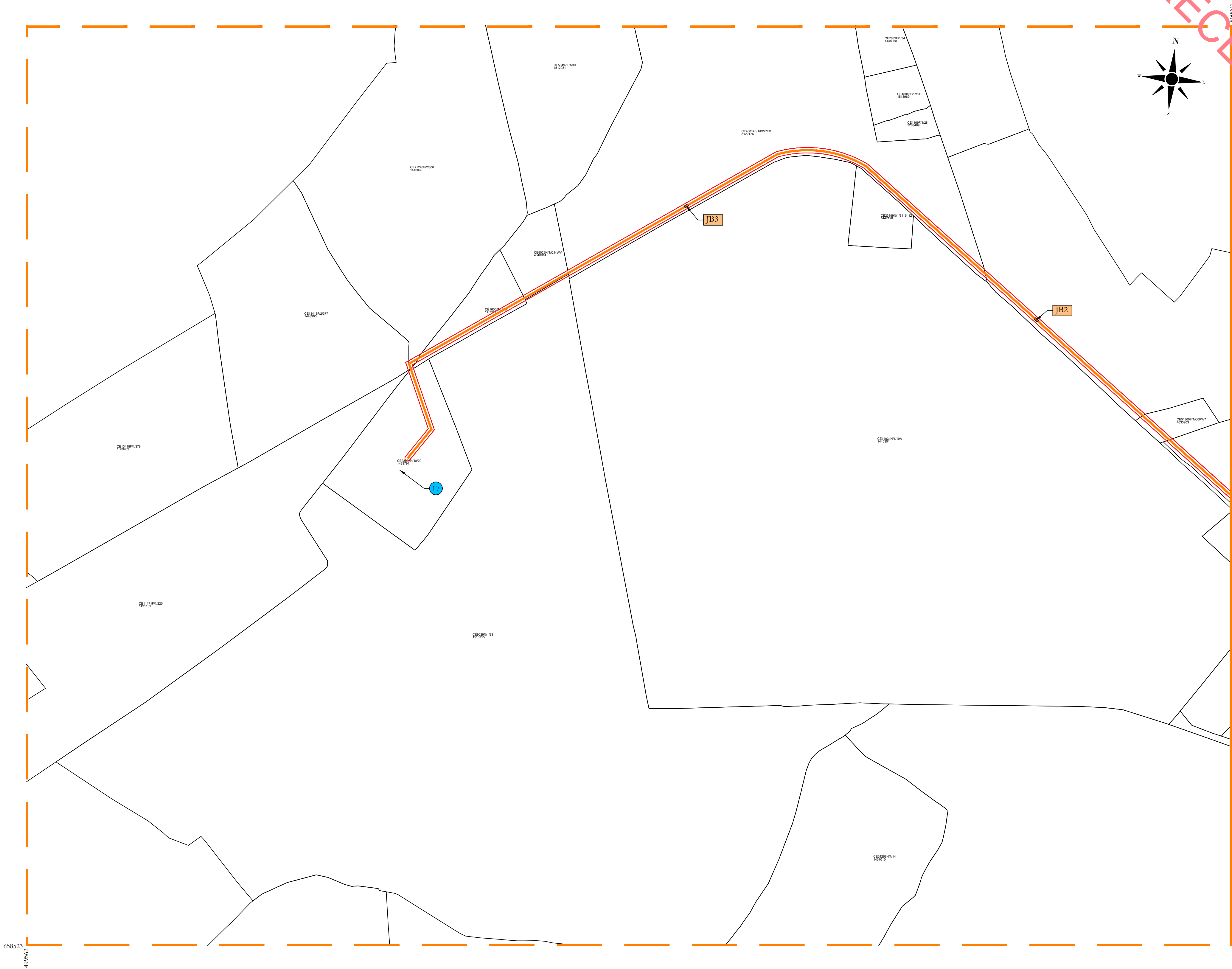
KEYED NOTES

- JB1** JOINT BAY #1
- 15** SITE ENTRANCE
- 16** BALLYKETT WIND FARM SUBSTATION

LEGEND

- GRID ROUTE OPTION 3 - 38kV
- SITE BOUNDARY
- JOINT BAY

P3	REVISED KEY NOTES			08/05/23	
P2	REVISED ROUTE OPTION NAMES			17/02/23	
P1	FIRST ISSUE			17/11/22	
Rev	Description			Date	
Suitability Status:					
PLANNING					
Client:					
GREENSOURCE SUSTAINABLE DEVELOPMENTS					
Job Title:					
BALLYKETT WIND FARM					
Drawing Title:					
GRID CONNECTION ROUTE - OPTION 1					
SITE LAYOUT - SHEET 1					
Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
BFA	M.B.	B.F.	1:2500	09/11/22	A1
bfa consulting					
Desg No:					Rev:
22006-BFA-XX-XX-DR-C-6101					P3



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KEYED NOTES

- JB1 JOINT BAY #1
JB2 JOINT BAY #2
JB3 JOINT BAY #3
TULLABRACK SUBSTATION

LEGEND

- GRID ROUTE OPTION 3 - 38kV
SITE BOUNDARY
JOINT BAY

P3	REVISED KEY NOTES	08/05/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	17/11/22

Rev	Description	Date
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Suitability Status:
PLANNING

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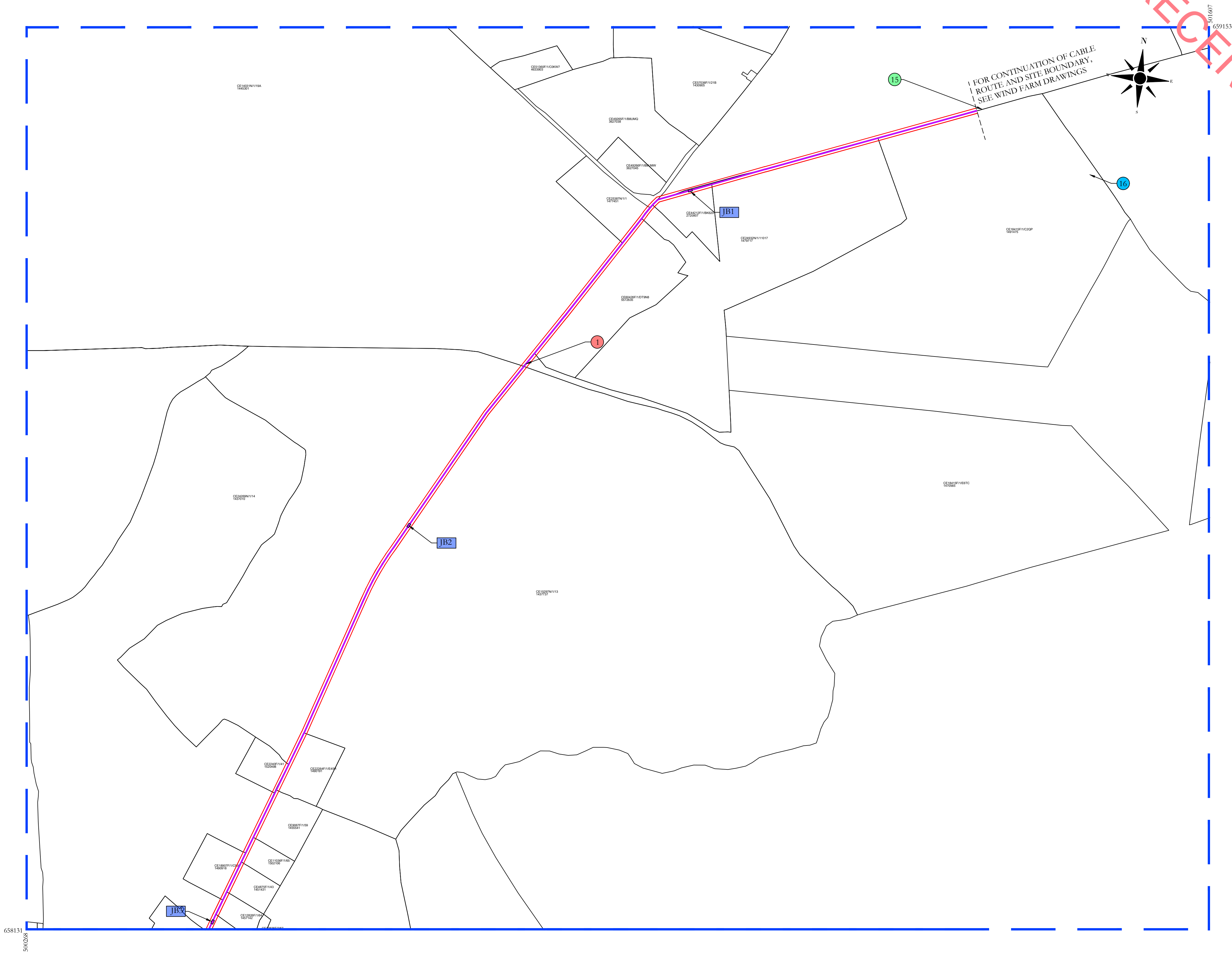
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 1
SITE LAYOUT - SHEET 2

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
BFA	M.B.	B.F.	1:2500	09/11/22	A1



Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6102	P3



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NOTED NOTES

- ① WATERCROSSING #1 (See drg. No. 6404)
- JB1 JOINT BAY #1
- JB2 JOINT BAY #2
- JB3 JOINT BAY #3
- 15 SITE ENTRANCE
- 16 BALLYKETT WIND FARM SUBSTATION

LEGEND

- GRID ROUTE OPTION 2 - 20kV
- SITE BOUNDARY
- JOINT BAY

P3	ADDED WC#14	08/05/2023
P2	REVISED ROUTE OPTION NAMES	17/02/2023
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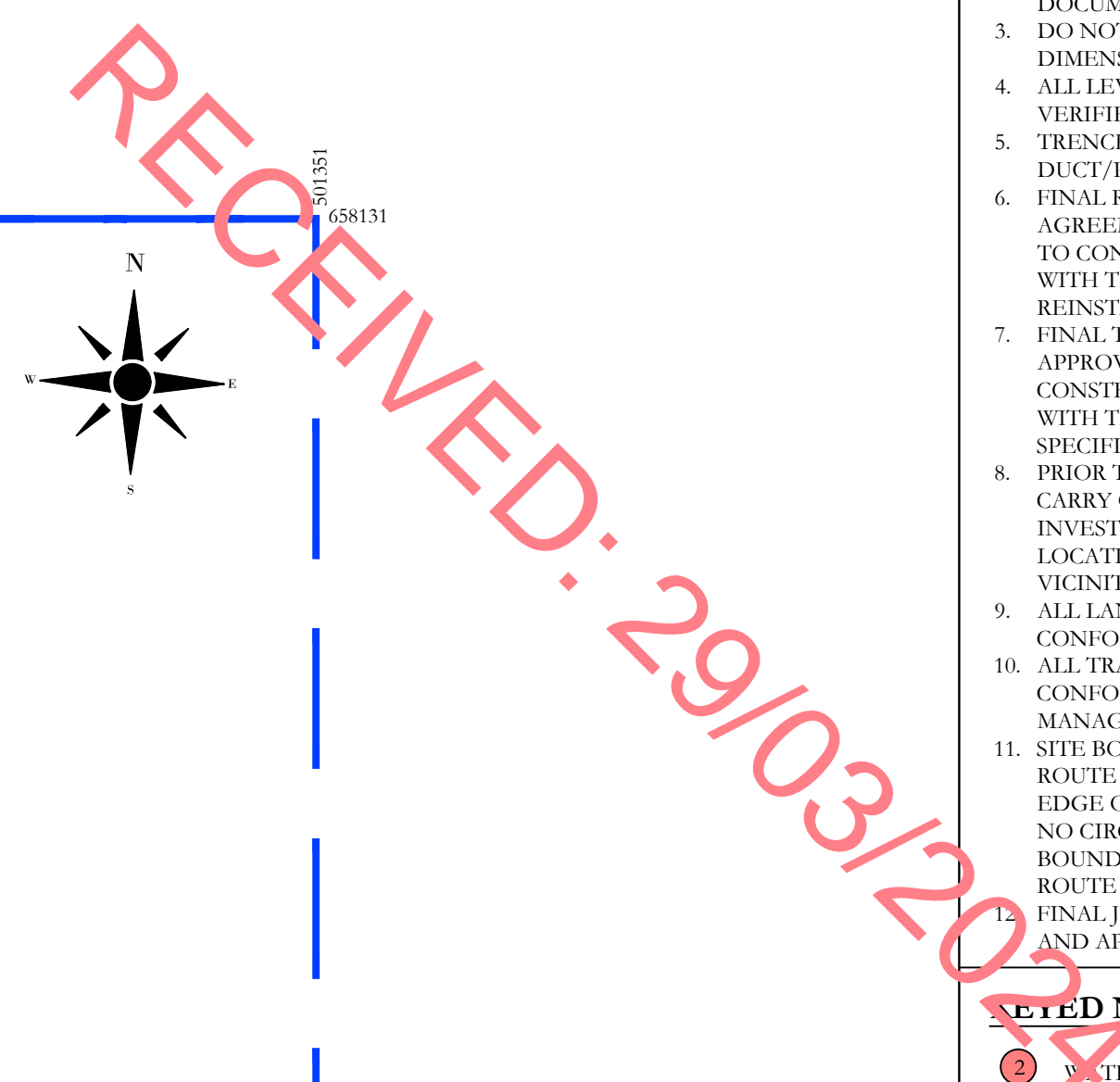
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BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 2
SITE LAYOUT - SHEET 1

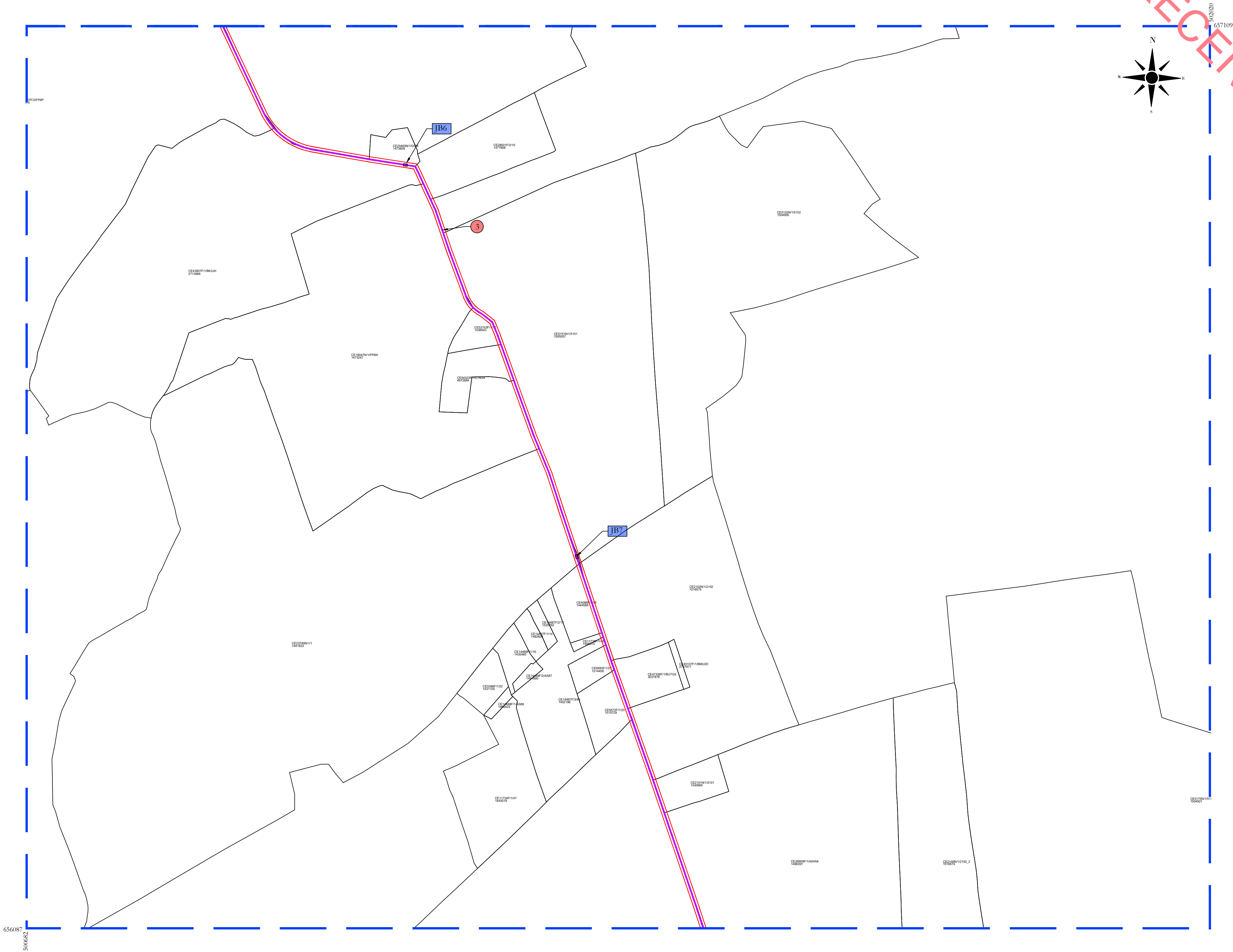
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Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6201	P3



Rev:	P3
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12. FINAL JOINT BAY LOCATIONS SUBJECT TO CHANGE AND APPROVAL FROM ESB AND LOCAL AUTHORITY.

NOTED NOTES

- ③ WATERCROSSING #3 (See drg. No. 6404)

JB6 JOINT BAY #6

JB7 JOINT BAY #7

LEGEND

- GRID ROUTE OPTION 2 - 20kV
- SITE BOUNDARY
- JOINT BAY

P3	ADDED WC#14	08/05/2023
P2	REVISED ROUTE OPTION NAMES	17/02/2023
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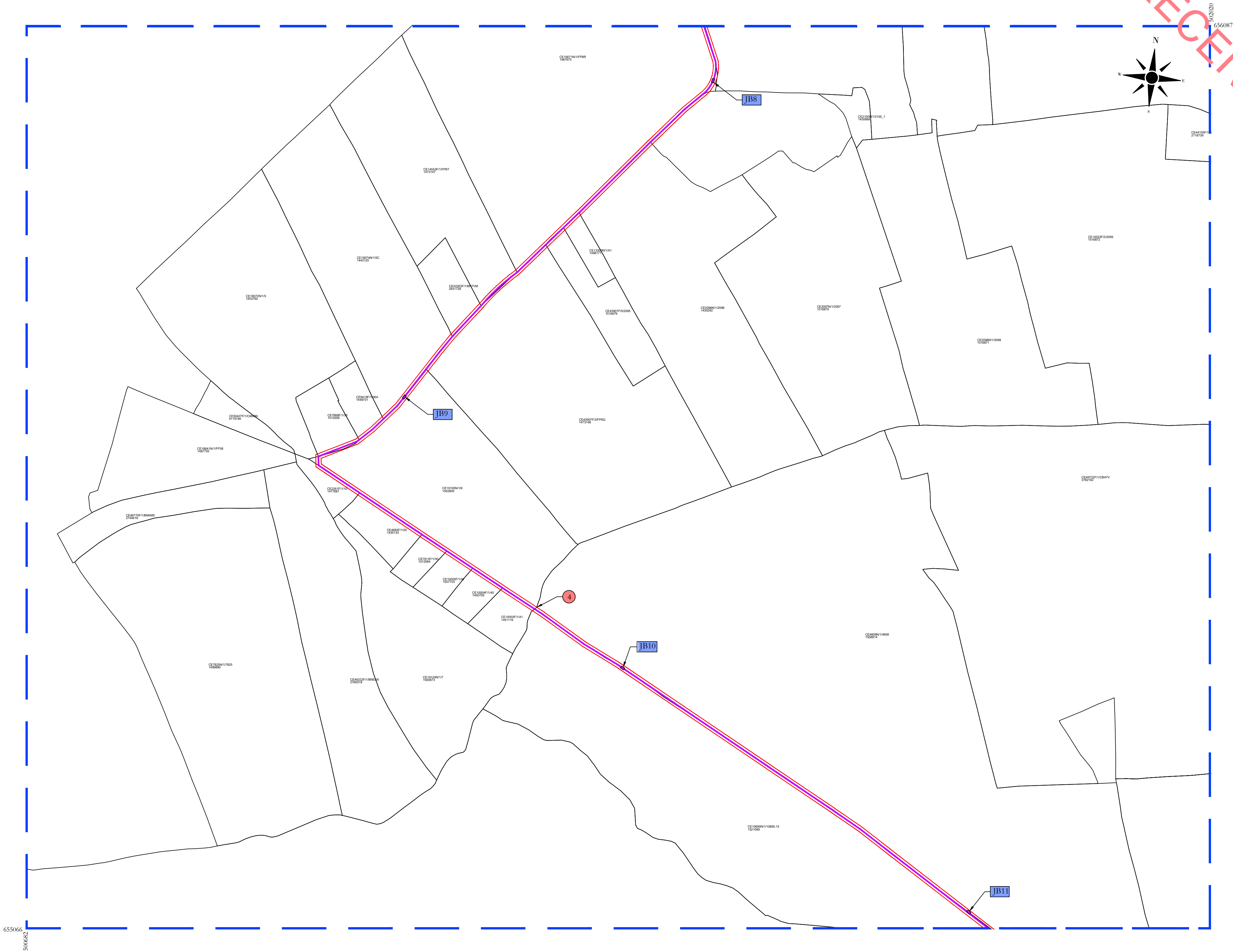
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 2
SITE LAYOUT - SHEET 3

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
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Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6203	P3



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NOTED NOTES

- 4 WATERCROSSING #4 (See drg. No. 6402)

JB8 JOINT BAY #8

JB9 JOINT BAY #9

JB10 JOINT BAY #10

JB11 JOINT BAY #11

LEGEND

- GRID ROUTE OPTION 2 - 20kV
— SITE BOUNDARY
— JOINT BAY

P3	ADDED WC#14	08/05/2023
P2	REVISED ROUTE OPTION NAMES	17/02/2023
P1	FIRST ISSUE	09/11/22

Rev	Description	Date
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Suitability Status:
PLANNING

Client:
GREENSOURCE SUSTAINABLE DEVELOPMENTS

Job Title:
BALLYKETT WIND FARM

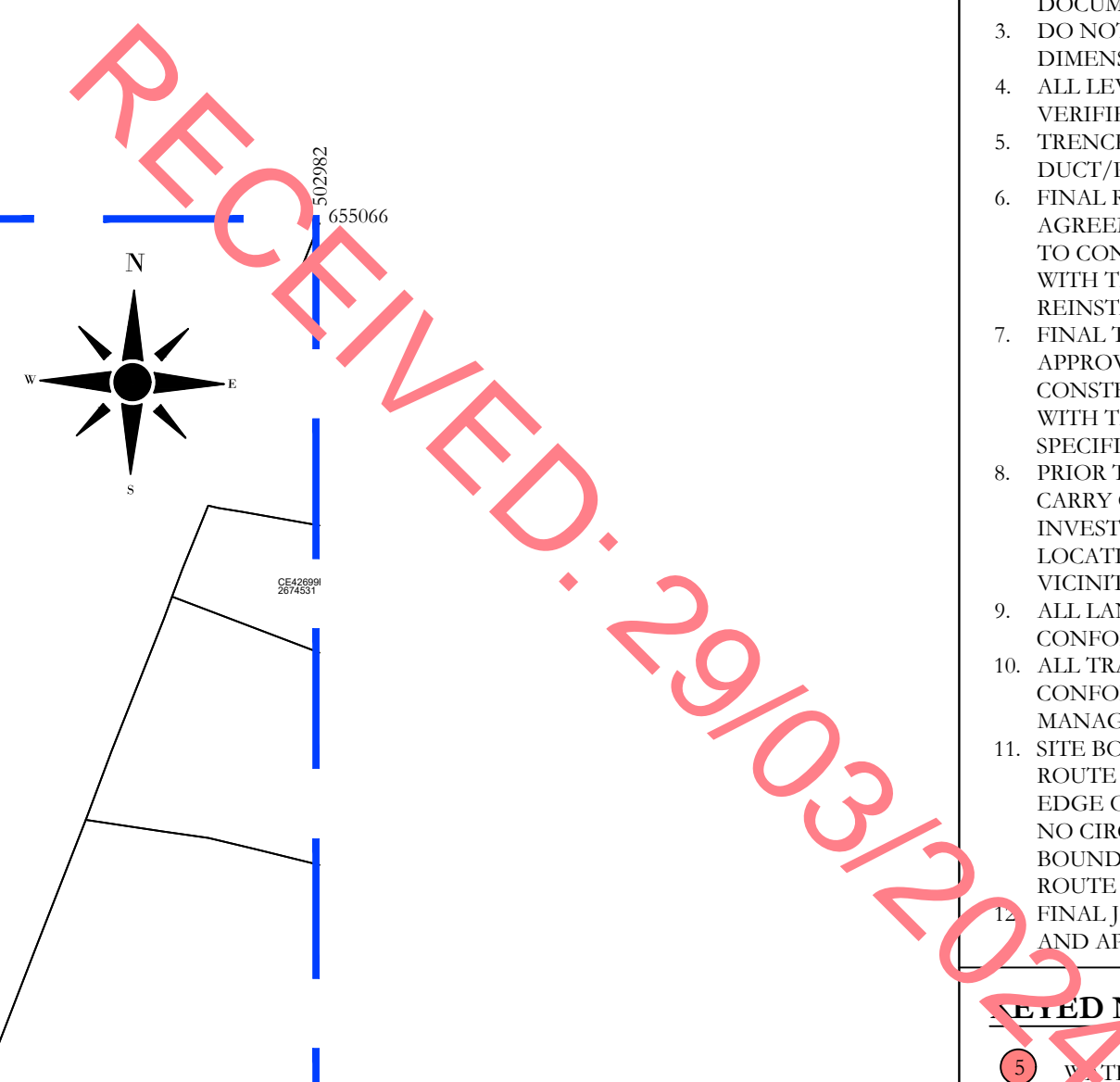
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GRID CONNECTION ROUTE - OPTION 2
SITE LAYOUT - SHEET 4

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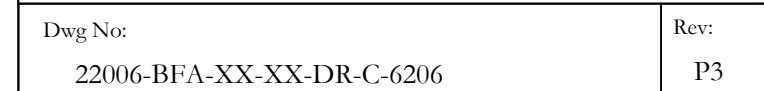
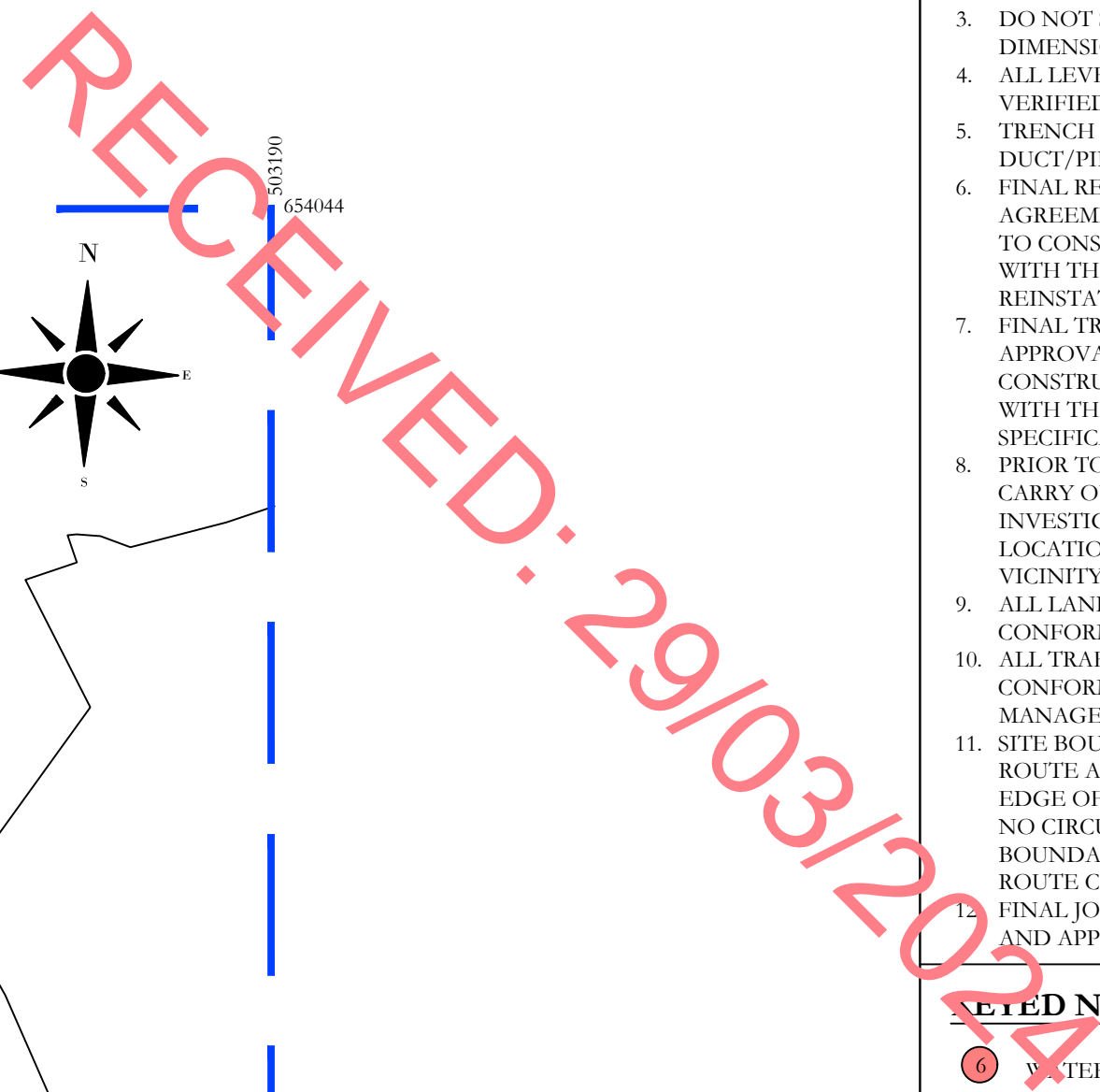
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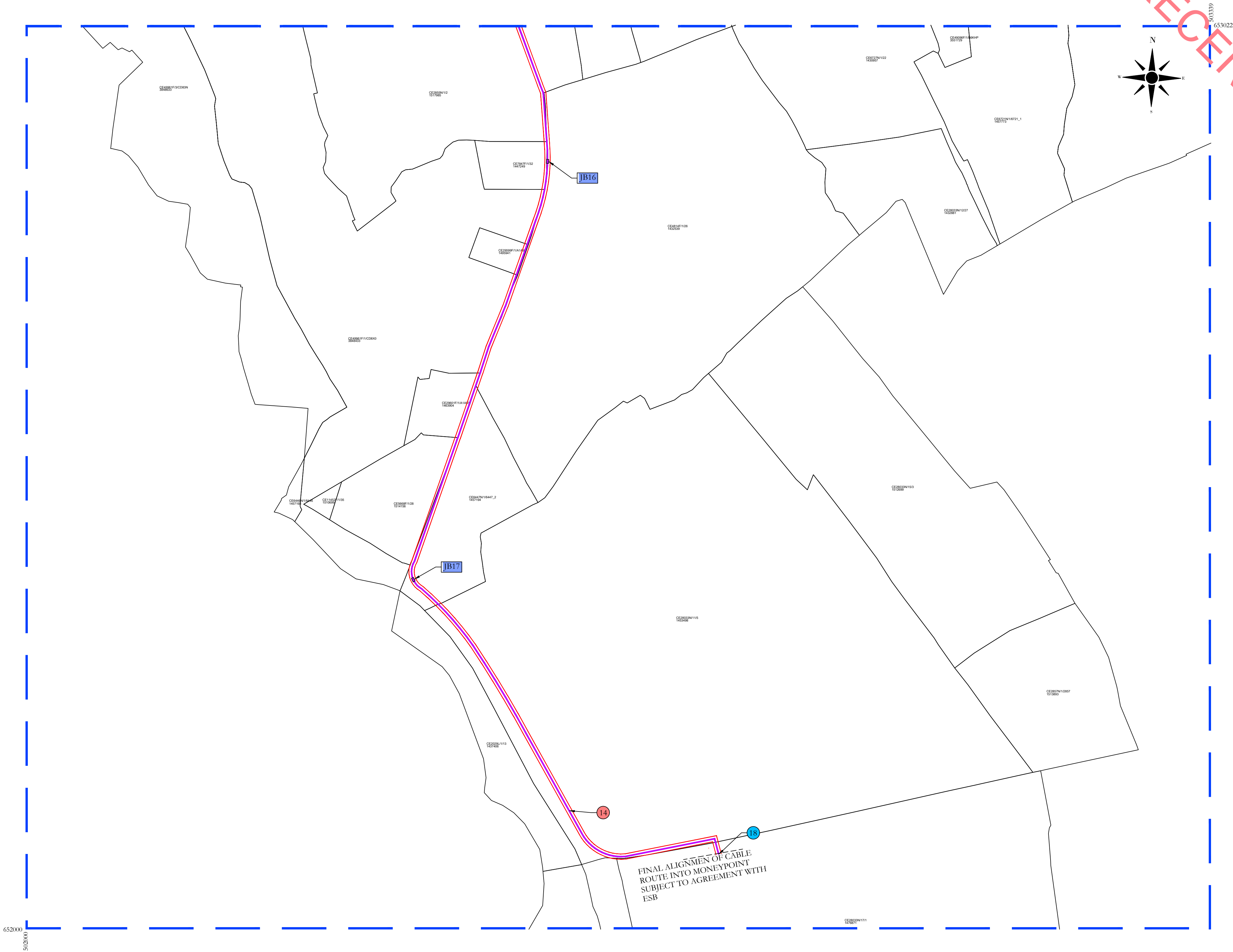
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22006-BFA-XX-XX-DR-C-6204

Rev:
P3



Rev:	P3
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KEYED NOTES

- JB16** JOINT BAY #16
JB17 JOINT BAY #17
14 WATERCROSSING #14 (See drg. No. 6404)
18 MONEYPPOINT SUBSTATION

LEGEND

- GRID ROUTE OPTION 2 - 20kV
— SITE BOUNDARY
— JOINT BAY

P3	ADDED WC#14	08/05/2023
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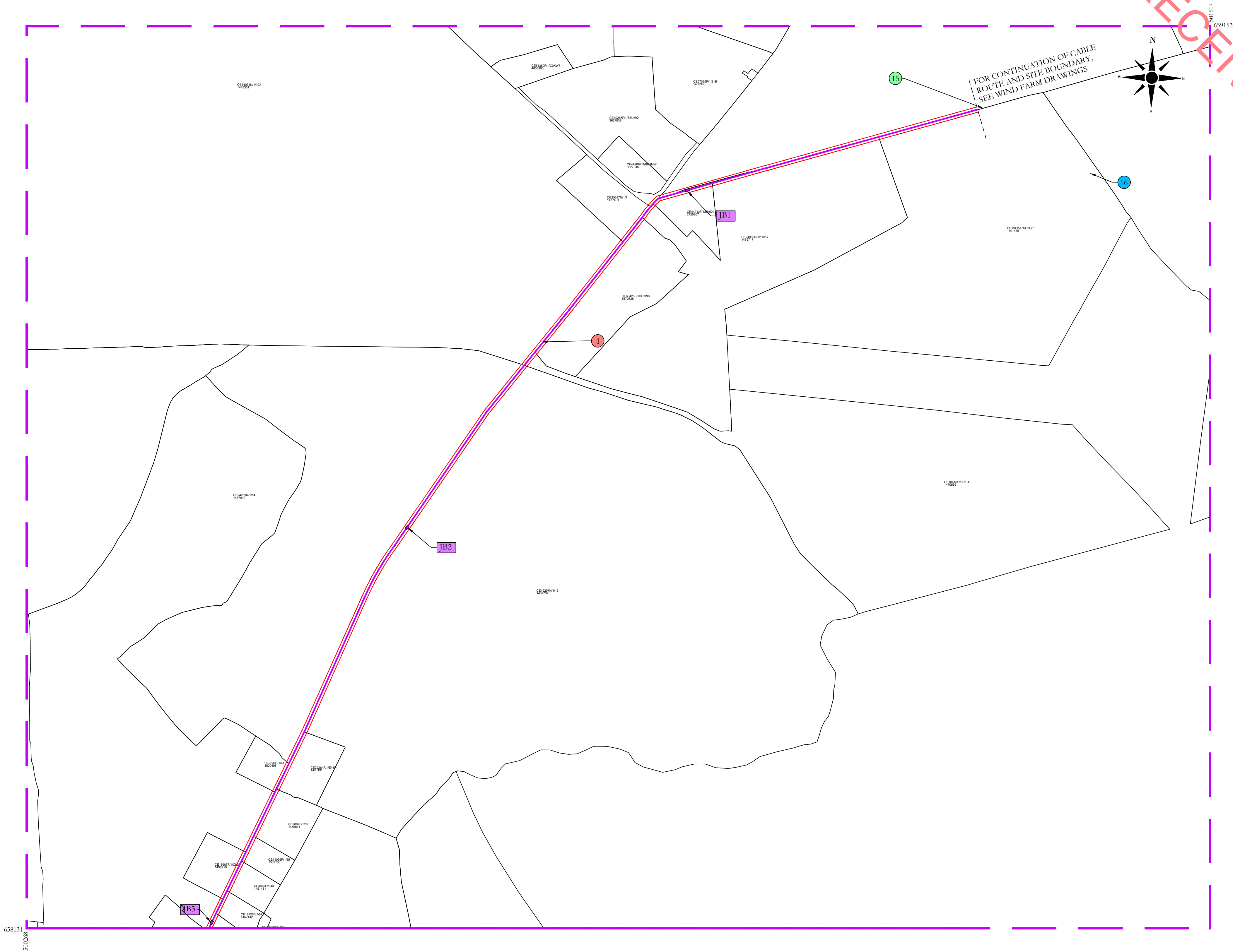
Job Title:	BALLYKETT WIND FARM
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Drawing Title:	GRID CONNECTION ROUTE - OPTION 2 SITE LAYOUT - SHEET 7
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Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6207	P3



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NOTED NOTES

- ① WATERCROSSING #1 (See drg. No. 6404)
- JB1 JOINT BAY #1
JB2 JOINT BAY #2
JB3 JOINT BAY #3
- 15 SITE ENTRANCE
16 BALLYKETT WIND FARM SUBSTATION

LEGEND

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— SITE BOUNDARY
— JOINT BAY

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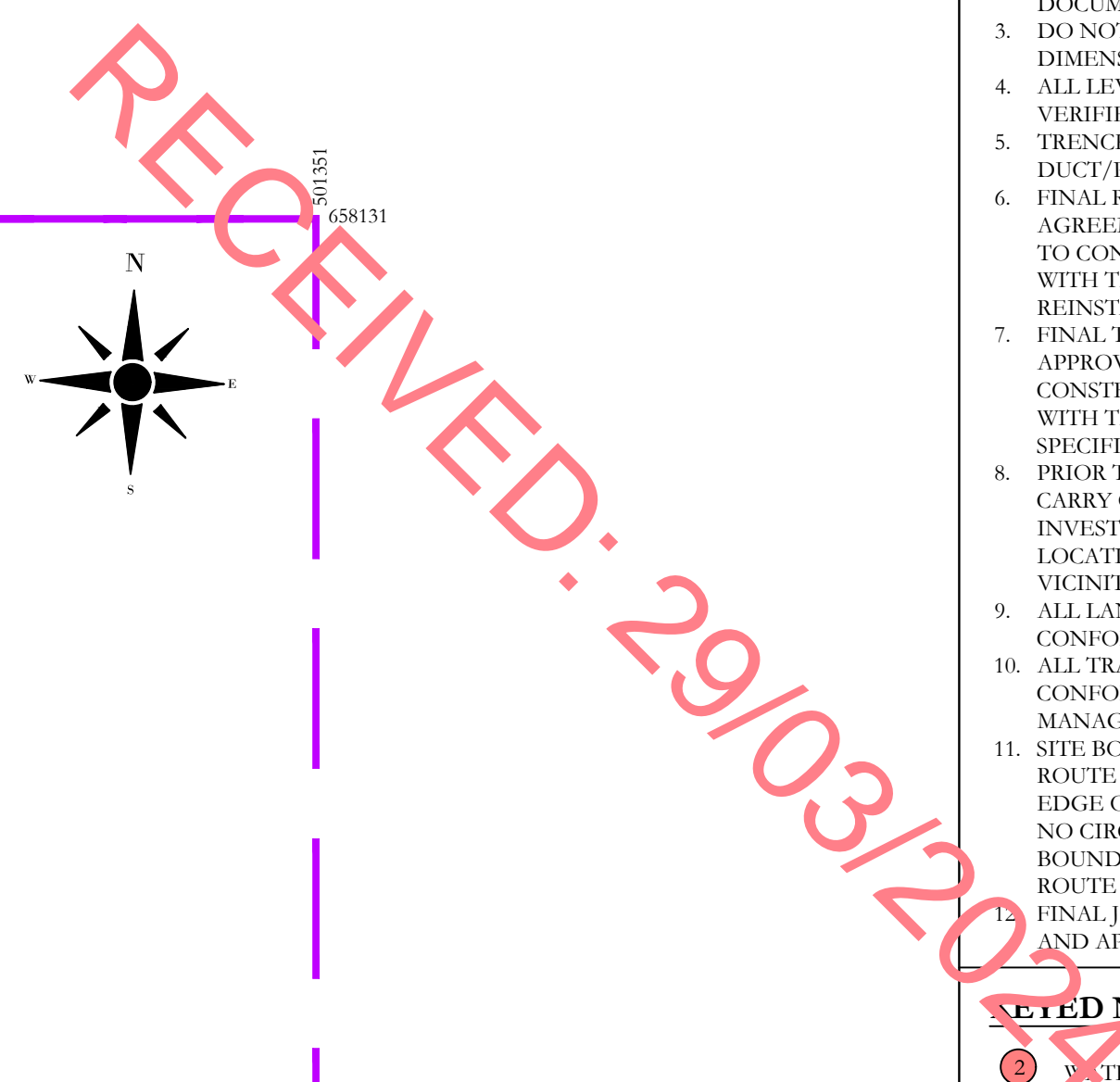
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 3
SITE LAYOUT - SHEET 1

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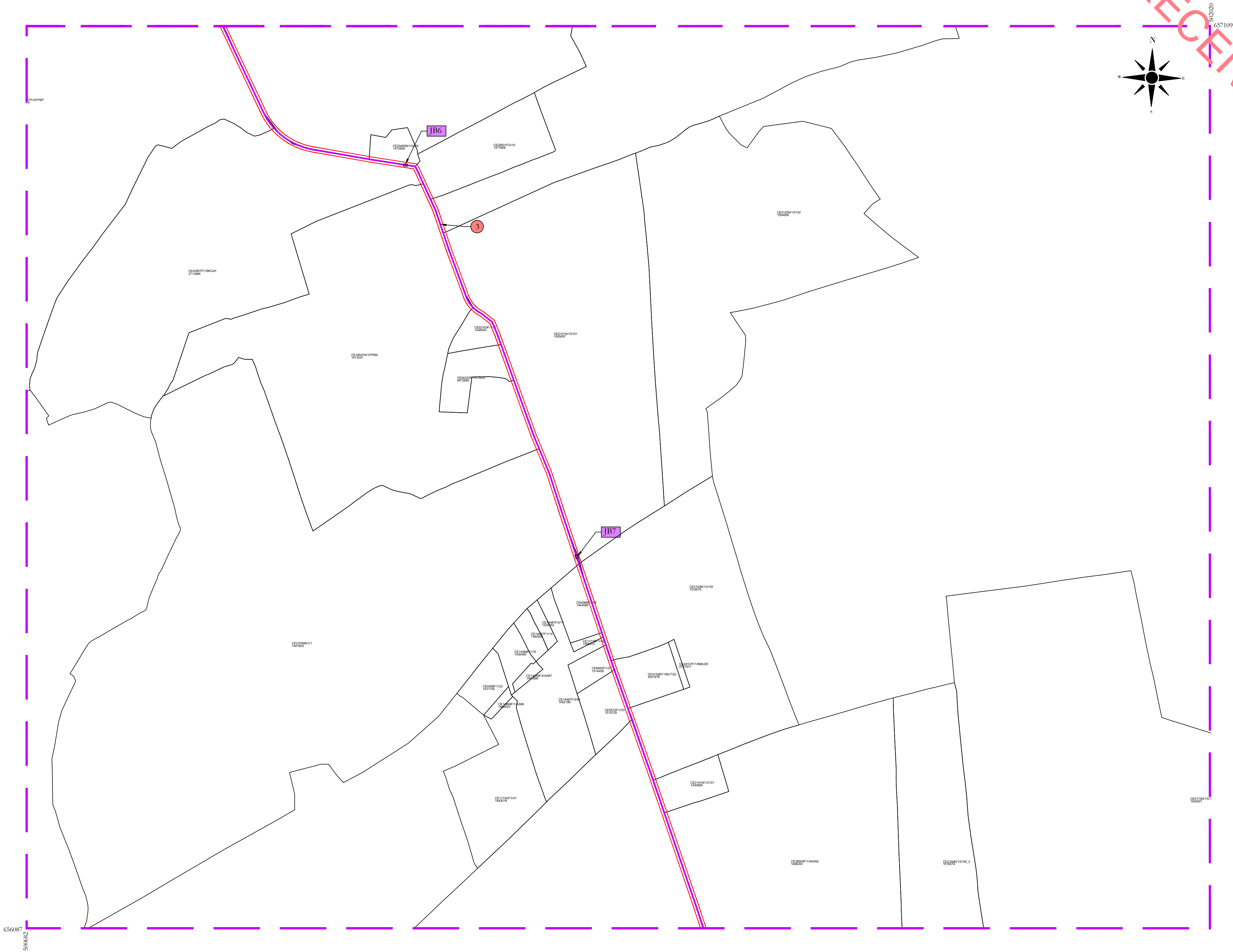


Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6301	P3



Dwg No:
22006-BFA-XX-XX-DR-C-6302

Rev:	P3
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NOTED NOTES

- ③ WATERCROSSING #3 (See drg. No. 6404)

JB6 JOINT BAY #6

JB7 JOINT BAY #7

LEGEND

- GRID ROUTE OPTION 3 - 20kV
- SITE BOUNDARY
- JOINT BAY

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Suitability Status:
PLANNING

Client:
GREENSOURCE SUSTAINABLE DEVELOPMENTS

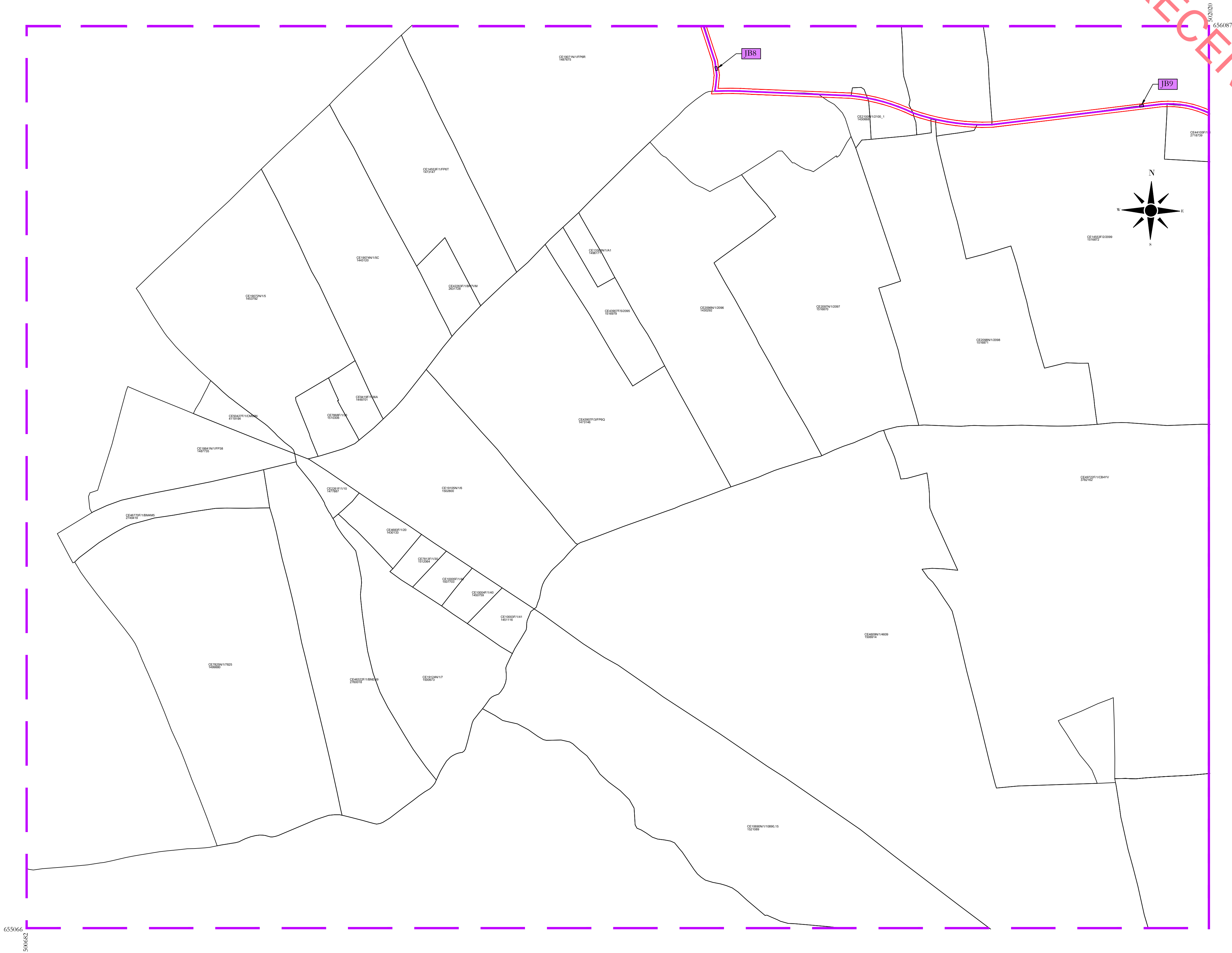
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 3
SITE LAYOUT - SHEET 3

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
BFA	M.B.	B.F.	1:2500	09/11/22	A1



Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6303	P3



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12. FINAL JOINT BAY LOCATIONS SUBJECT TO CHANGE AND APPROVAL FROM ESB AND LOCAL AUTHORITY.

KEYED NOTES

- JB8 JOINT BAY #8
JB9 JOINT BAY #9

LEGEND

- GRID ROUTE OPTION 3 - 20kV
SITE BOUNDARY
JOINT BAY

P3	ADDED WC#14	08/05/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	09/11/22

Rev	Description	Date
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Suitability Status:
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Client:
GREENSOURCE SUSTAINABLE DEVELOPMENTS

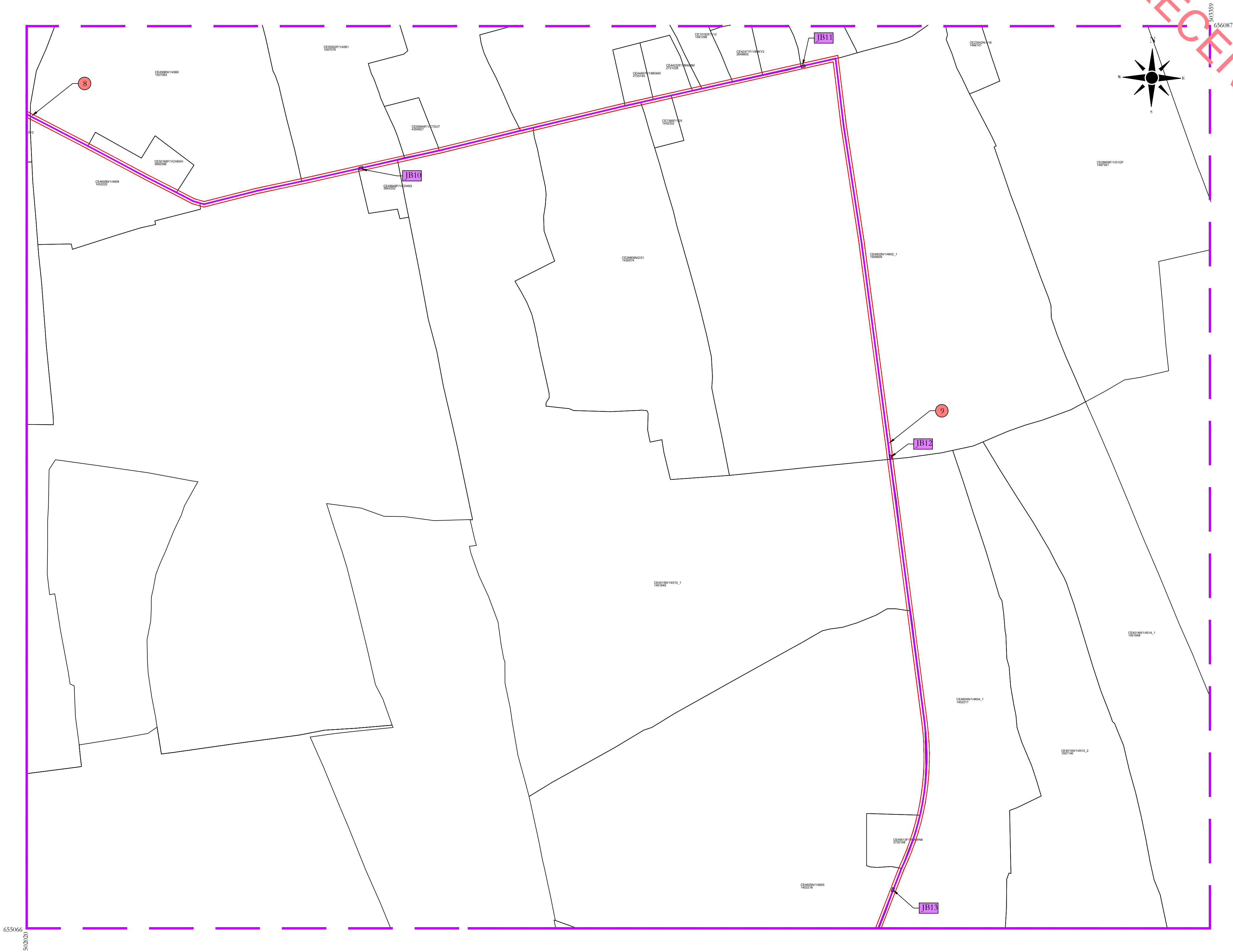
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 3
SITE LAYOUT - SHEET 4

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
BFA	M.B.	B.F.	1:2500	09/11/22	A1



Desg No:	Rev:
220006-BFA-XX-XX-DR-C-6304	P3



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- FINAL JOINT BAY LOCATIONS SUBJECT TO CHANGE AND APPROVAL FROM ESB AND LOCAL AUTHORITY.

KEYED NOTES

- 8 WATERCROSSING #8 (See drg. No. 6403)
- 9 WATERCROSSING #9 (See drg. No. 6404)

- JB10 JOINT BAY #10
- JB11 JOINT BAY #11
- JB12 JOINT BAY #12
- JB13 JOINT BAY #13

LEGEND

- GRID ROUTE OPTION 3 - 20kV
- SITE BOUNDARY
- JOINT BAY

P3	ADDED WC#14	08/05/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	09/11/22

Rev	Description	Date
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Suitability Status:

PLANNING

Client:

GREENSOURCE SUSTAINABLE DEVELOPMENTS

Job Title:

BALLYKETT WIND FARM

Drawing Title:

GRID CONNECTION ROUTE - OPTION 3

SITE LAYOUT - SHEET 5

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
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Desg No:	Rev:
22006-BFA-XX-XX-DR-C-6305	P3



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NOTED NOTES

- WC#10 WATERCROSSING #10 (See drg. No. 6404)
- WC#11 WATERCROSSING #11 (See drg. No. 6404)

- JB14 JOINT BAY #14
- JB15 JOINT BAY #15
- JB16 JOINT BAY #16

LEGEND

- GRID ROUTE OPTION 3 - 20kV
- SITE BOUNDARY
- JOINT BAY

P3	ADDED WC#14	08/05/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	09/11/22

Rev	Description	Date
	Suitability Status:	
	PLANNING	

Client:	GREENSOURCE SUSTAINABLE DEVELOPMENTS
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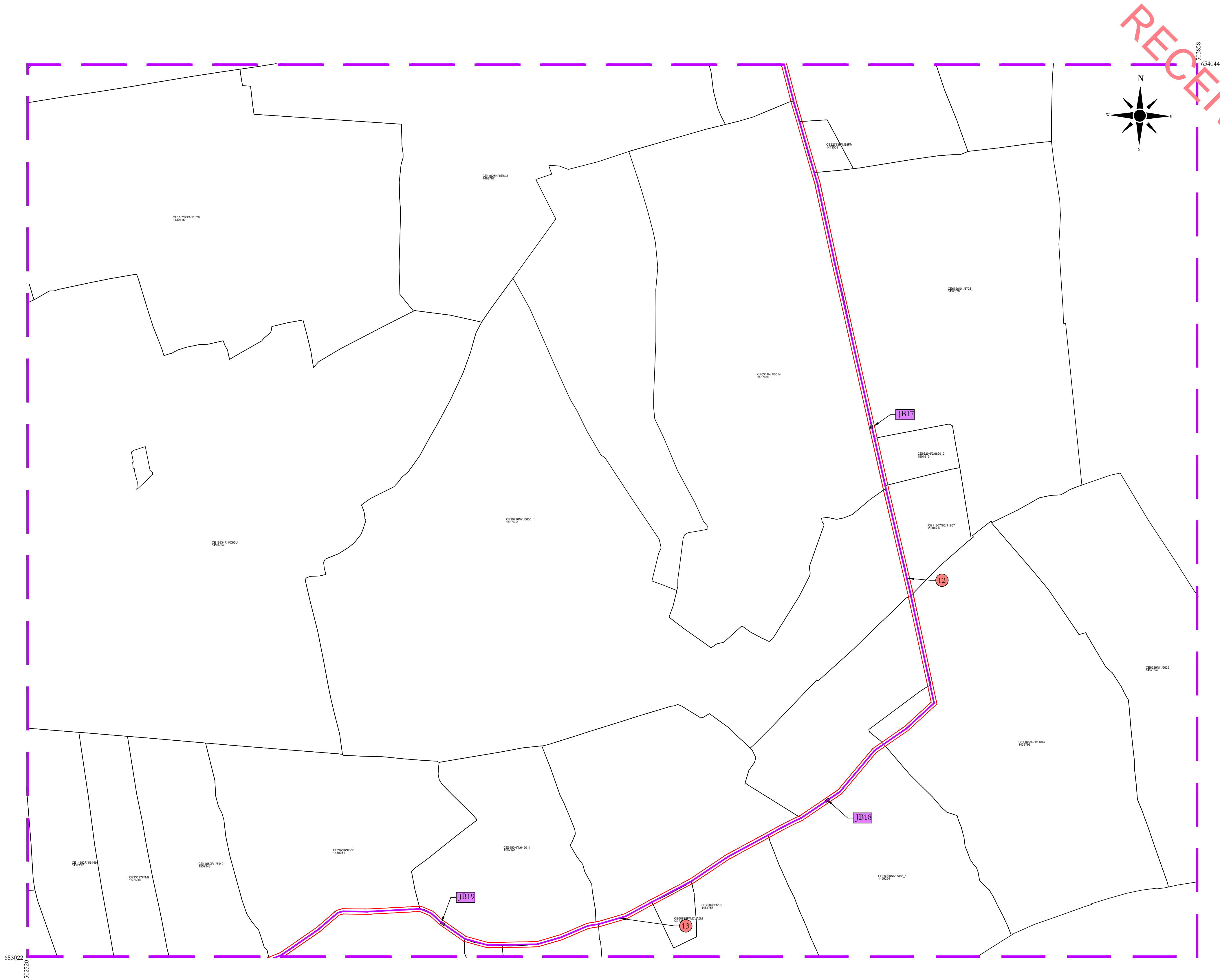
Job Title:	BALLYKETT WIND FARM
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Drawing Title:	GRID CONNECTION ROUTE - OPTION 3 SITE LAYOUT - SHEET 6
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Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6306	P3



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12. FINAL JOINT BAY LOCATIONS SUBJECT TO CHANGE AND APPROVAL FROM ESB AND LOCAL AUTHORITY.

NOTED NOTES

- 12 WATERCROSSING #12 (See drg. No. 6404)
- 13 WATERCROSSING #13 (See drg. No. 6404)

- JB17 JOINT BAY #17
- JB18 JOINT BAY #18
- JB19 JOINT BAY #19

LEGEND

- GRID ROUTE OPTION 3 - 20kV
- SITE BOUNDARY
- JOINT BAY

P3	ADDED WC#14	08/05/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	09/11/22

Rev	Description	Date
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Suitability Status:
PLANNING

Client:
GREENSOURCE SUSTAINABLE DEVELOPMENTS

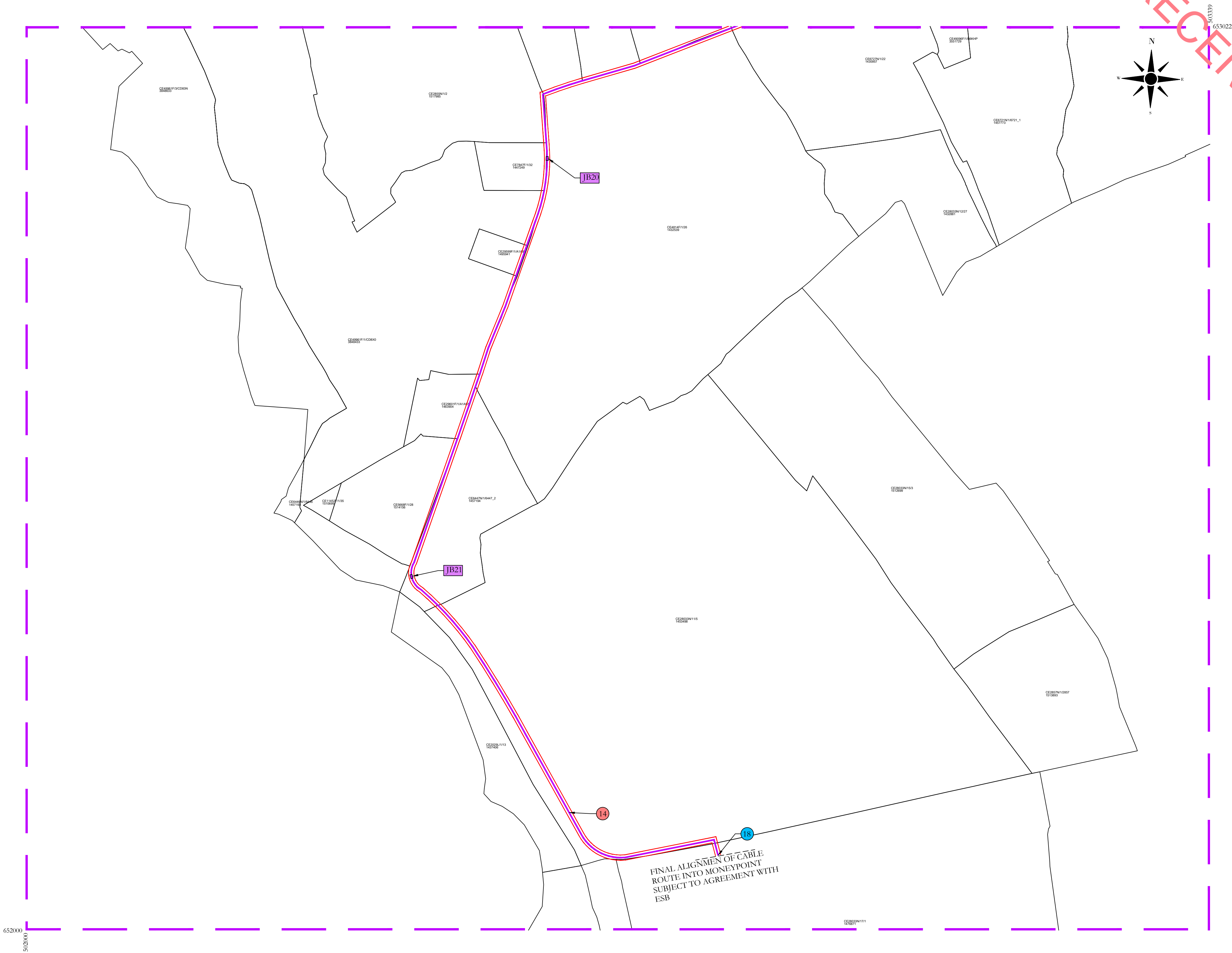
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 3
SITE LAYOUT - SHEET 7

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
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Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6307	P3



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KEYED NOTES

- JB20 JOINT BAY #20
- JB21 JOINT BAY #21
- 14 WATERCROSSING #14 (See drg. No. 6404)
- 18 MONEYPPOINT POWERSTATION

LEGEND

- GRID ROUTE OPTION 3 - 20kV
- SITE BOUNDARY
- JOINT BAY

P3	ADDED WC#14	08/05/23
P2	REVISED ROUTE OPTION NAMES	17/02/23
P1	FIRST ISSUE	09/11/22

Rev	Description	Date
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Suitability Status:
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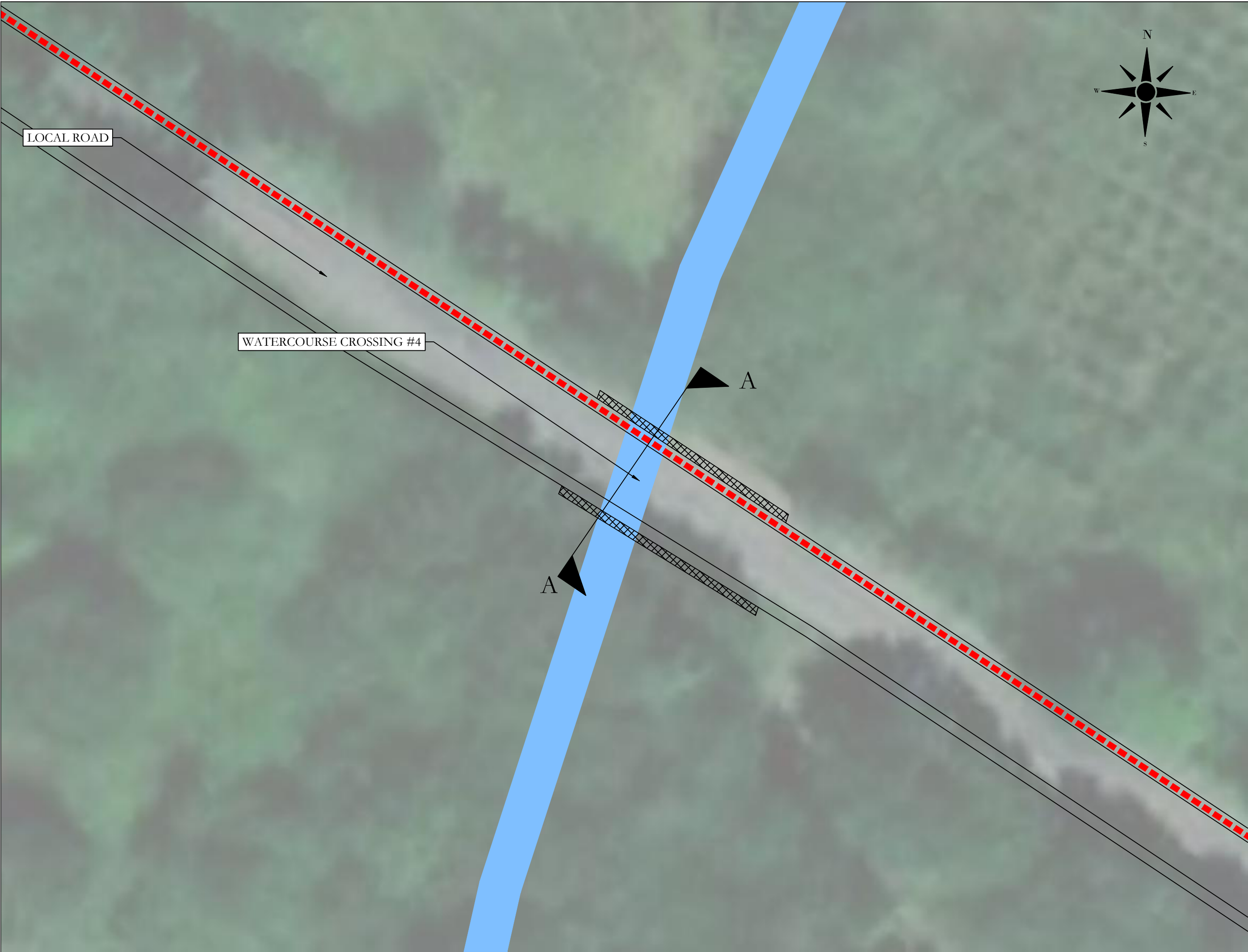
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BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 3
SITE LAYOUT - SHEET 8

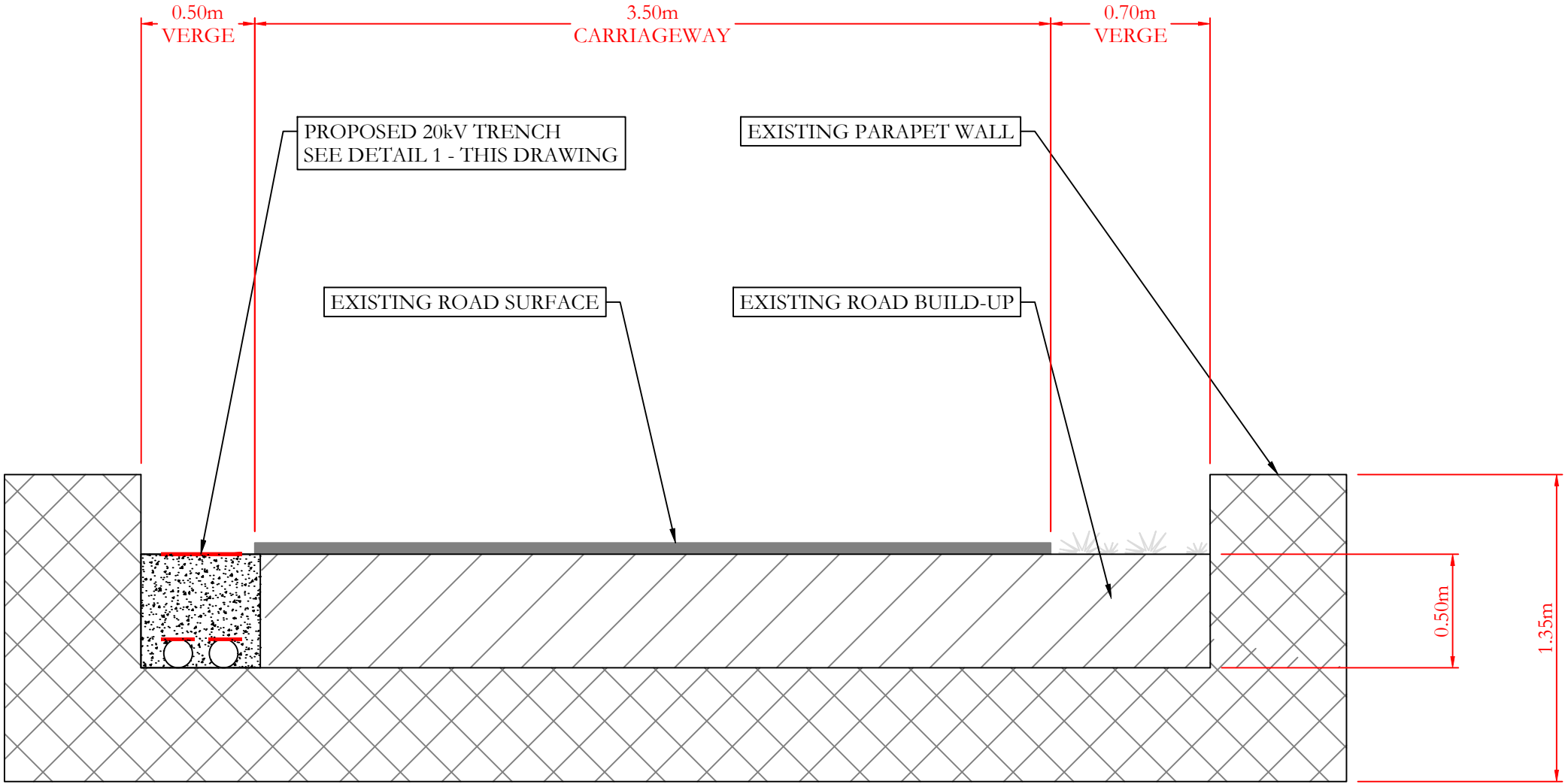
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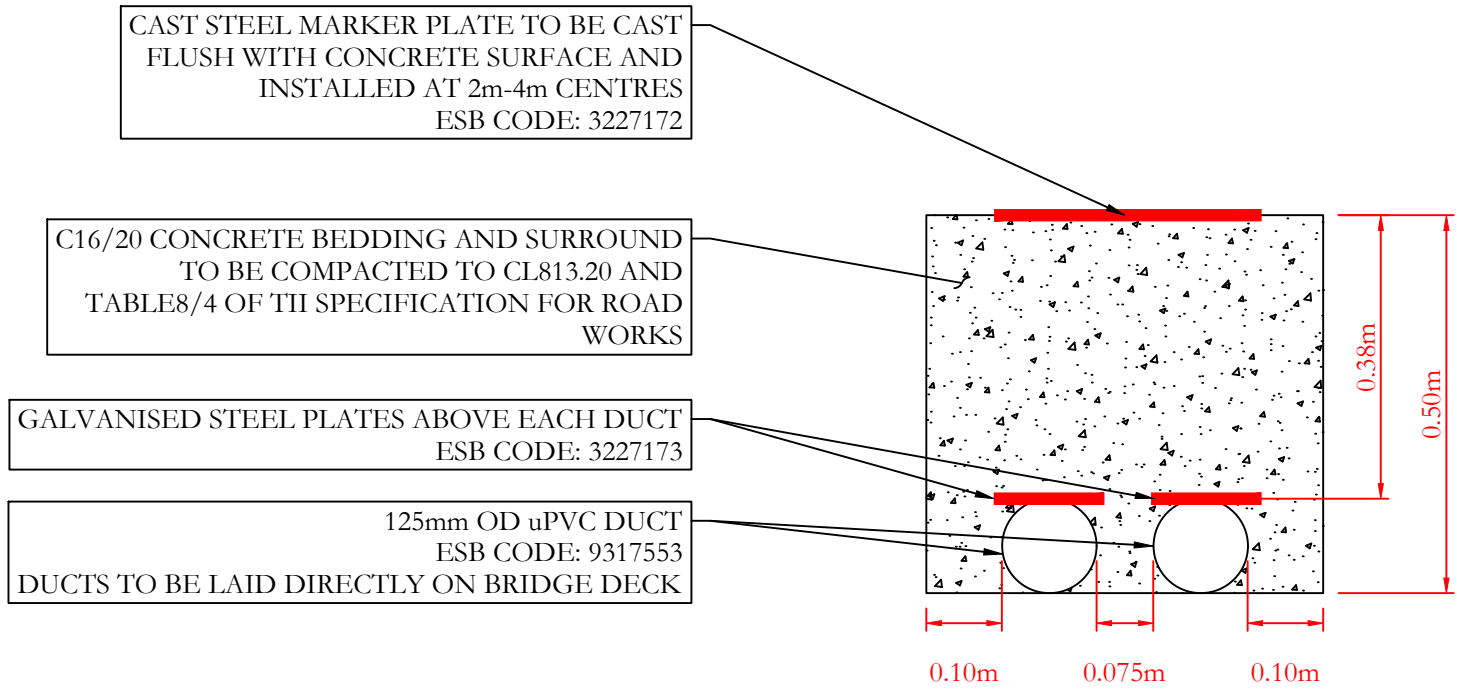
WATERCOURSE CROSSING #4 - PLAN
SCALE 1:200



SECTION A-A
SCALE 1:25



WATERCOURSE CROSSING #4 - PHOTO
LOOKING SOUTH-EAST



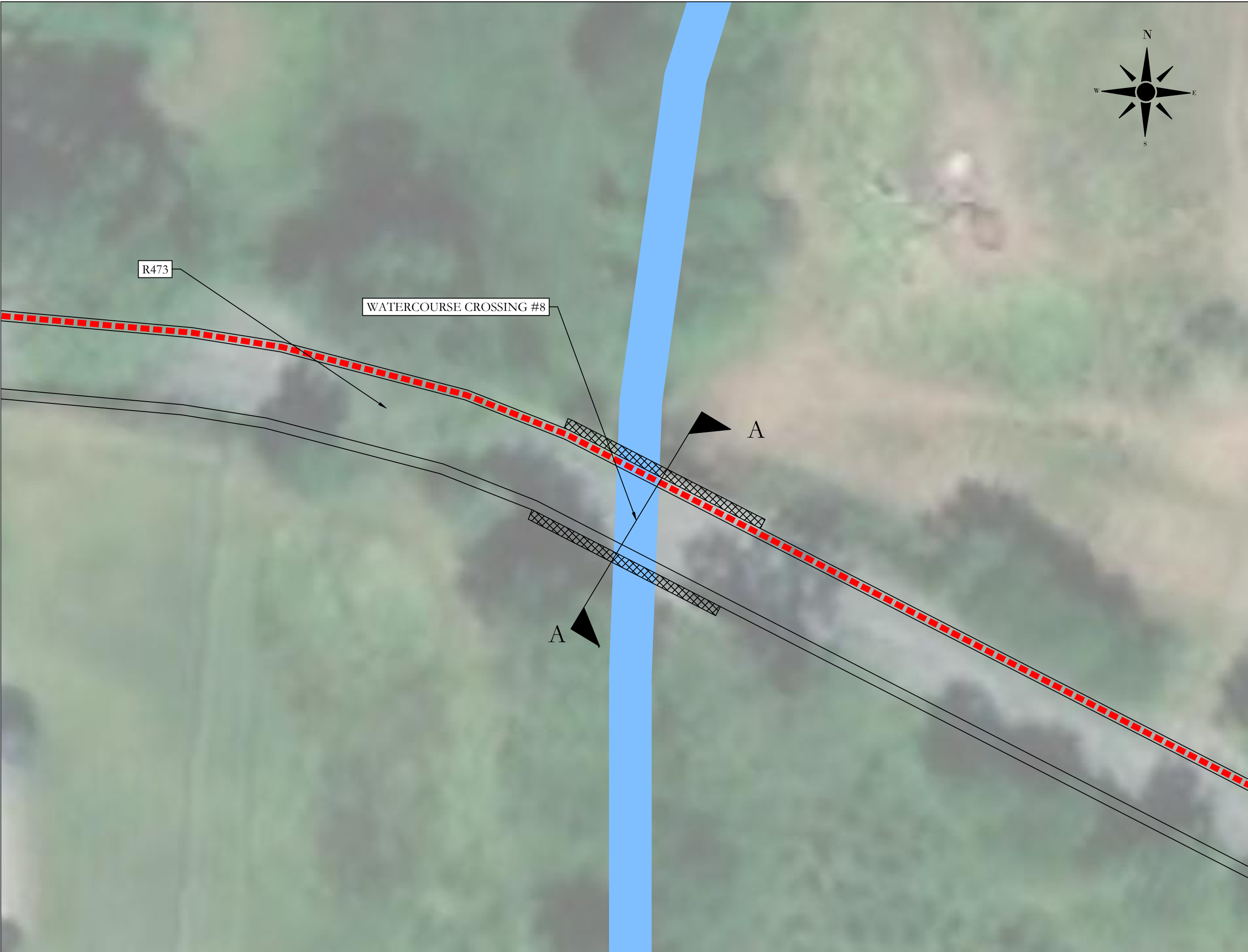
DETAIL 1
SCALE 1:10

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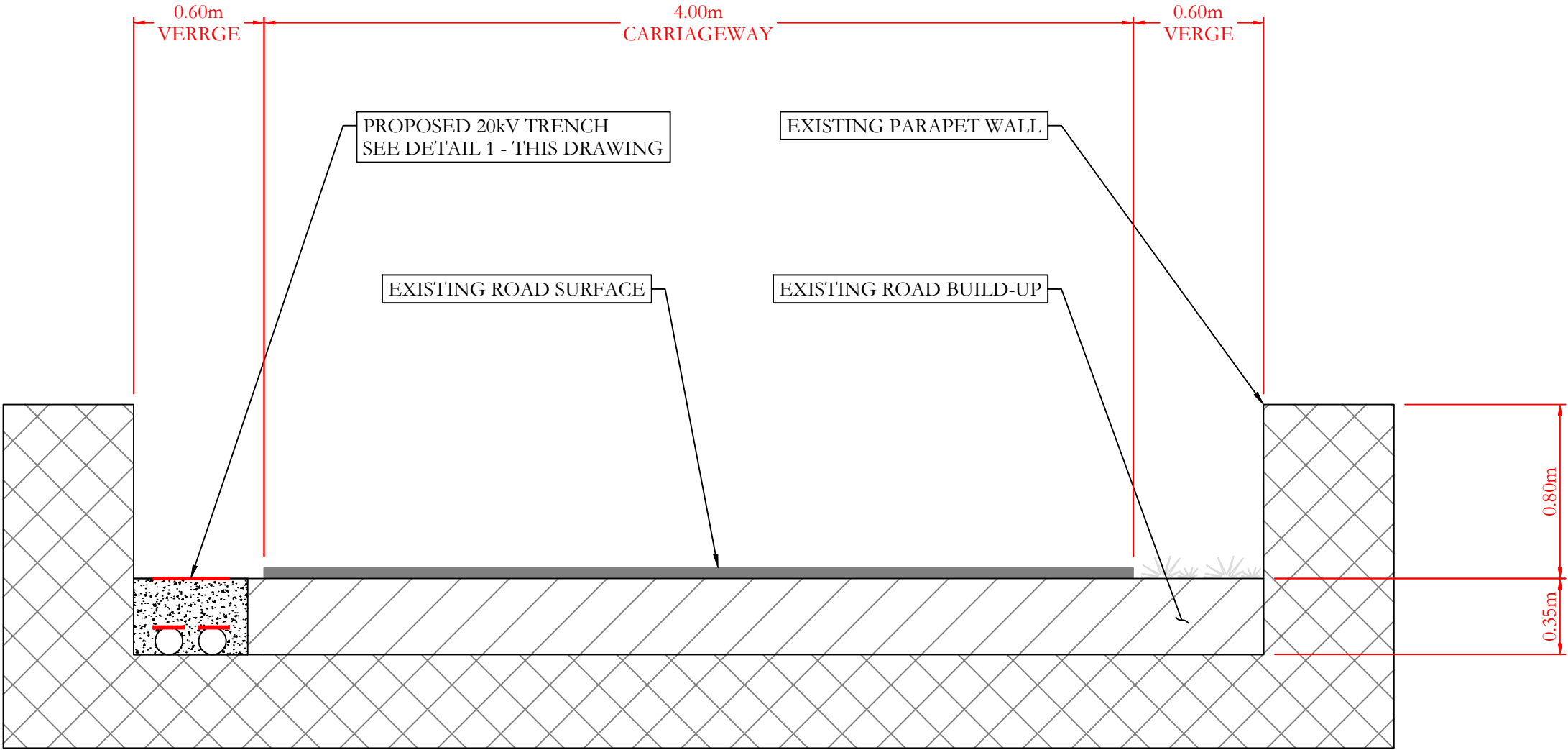
KEYED NOTES

- LEGEND**
- PROPOSED GRID ROUTE
 - EXISTING WATER COURSE

PI	FIRST ISSUE	09/11/22
Rev	Description	Date
Suitability Status:		
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Client:		
GREENSOURCE SUSTAINABLE DEVELOPMENTS		
Job Title:		
BALLYKETT WIND FARM		
Drawing Title:		
GRID CONNECTION ROUTE - OPTION 1		
WATERCOURSE CROSSING #4		
Originator:	Drawn by:	Checked by:
BFA	M.B.	B.F.
Scale:	Date:	Sheet:
N/A	09/11/22	A1
bfa consulting		
Desg No:		Rev:
22006-BFA-XX-XX-DR-C-6402		P1



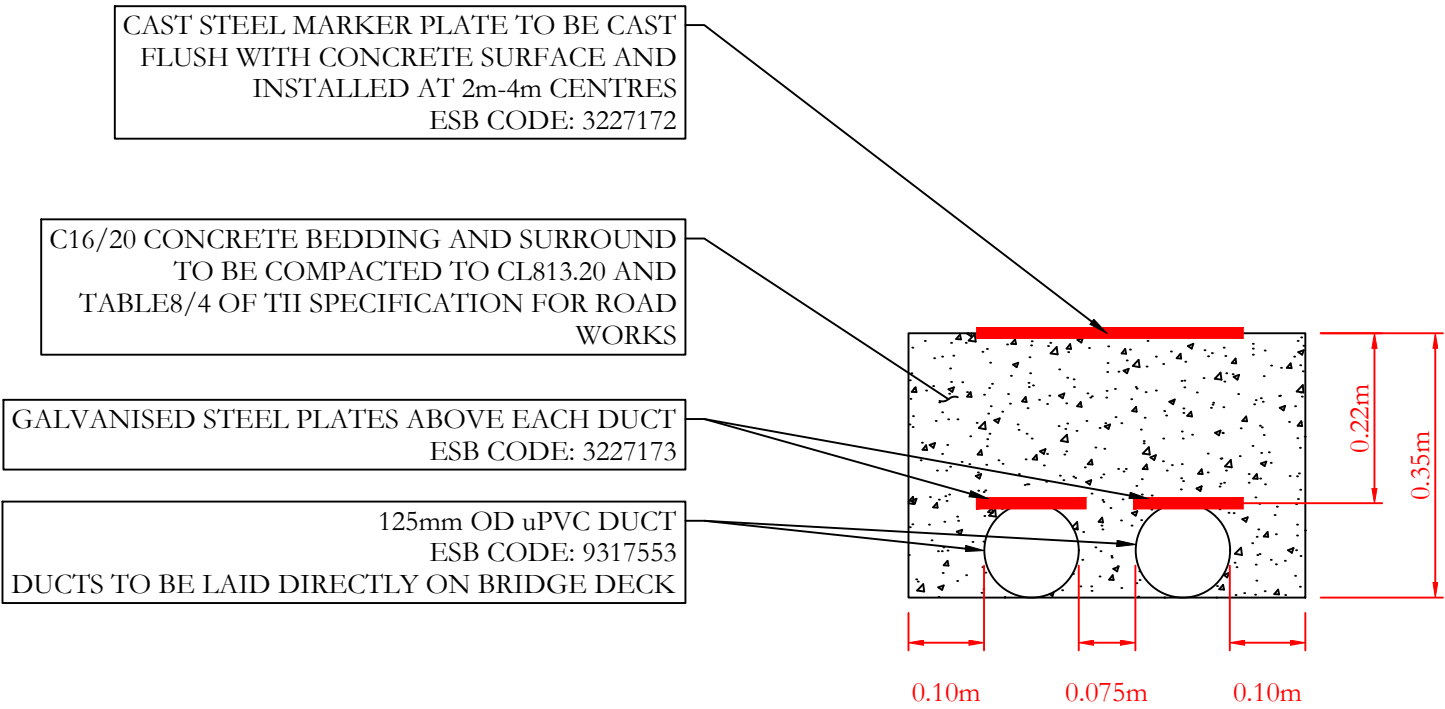
WATERCOURSE CROSSING #8 - PLAN
SCALE 1:200



SECTION A-A
SCALE 1:25



WATERCOURSE CROSSING #8 - PHOTO
LOOKING NORTH-WEST



DETAIL 1
SCALE 1:10

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KEYED NOTES

LEGEND

- PROPOSED GRID ROUTE
- EXISTING WATER COURSE

PI	FIRST ISSUE	09/11/22
Rev	Description	Date

Suitability Status:
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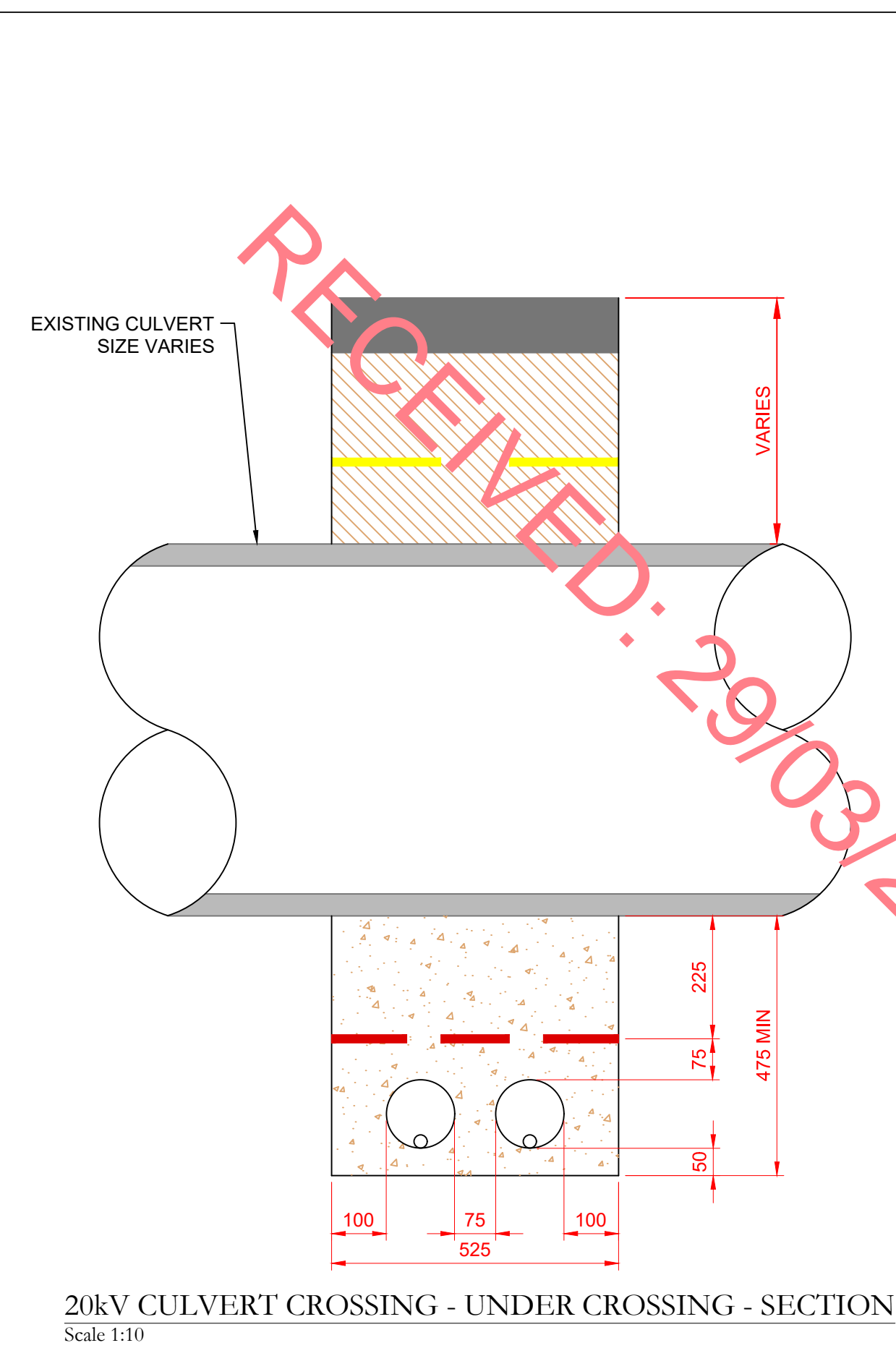
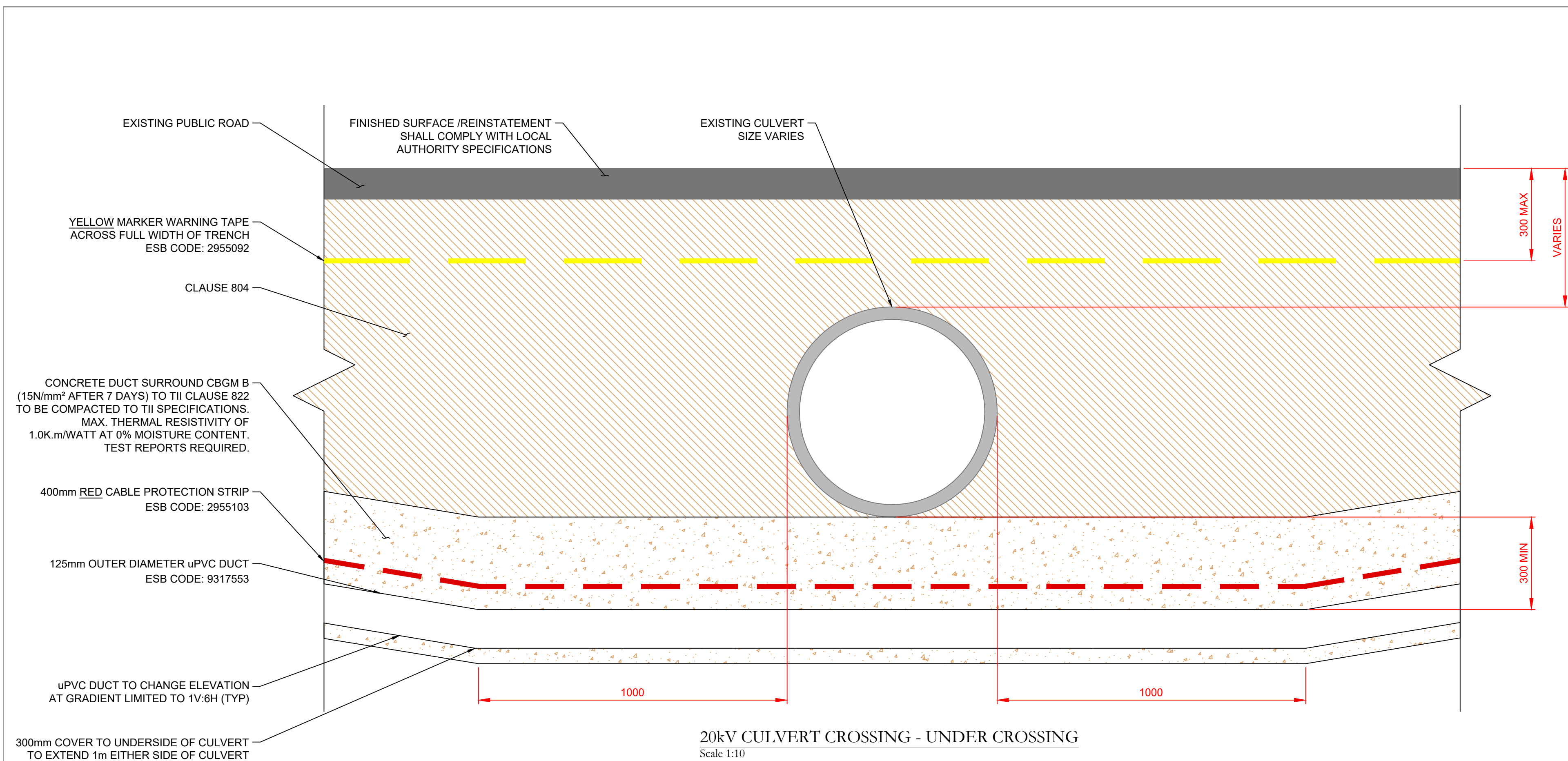
Job Title:
BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE - OPTION 2
WATERCOURSE CROSSING #8

Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
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bfa
consulting

Dwg No:	Rev:
22006-BFA-XX-XX-DR-C-6403	P1



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 9. ALL TRAFFIC MANAGEMENT WORKS TO CONFORM TO AN APPROVED TRAFFIC MANAGEMENT PLAN.

- ### KEYED NOTES

- LEGEND**

P1	FIRST ISSUE	17/11/22
Rev	Description	Date

Suitability Status:

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Client: GREENSOURCE SUSTAINABLE DEVELOPMENTS

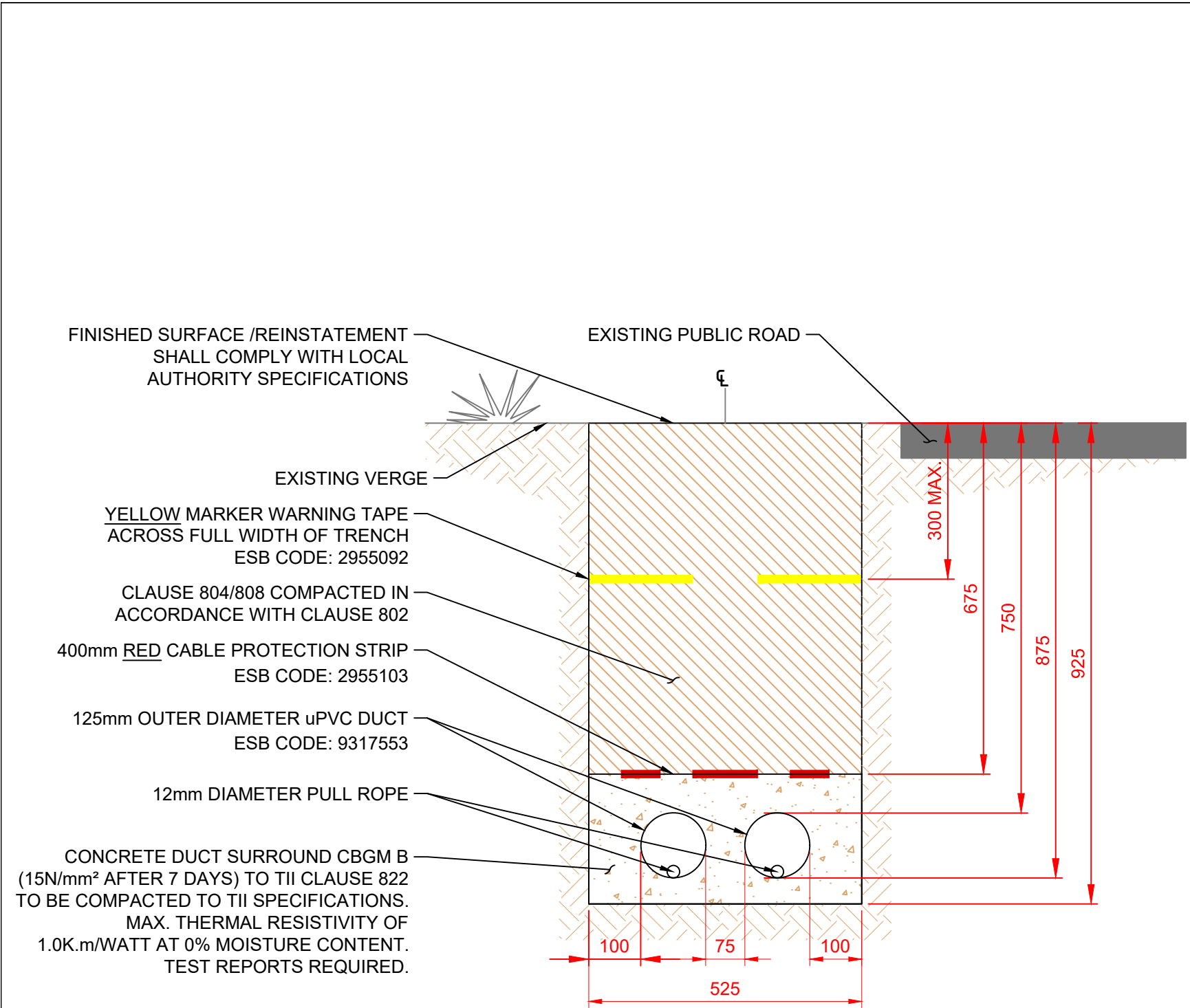
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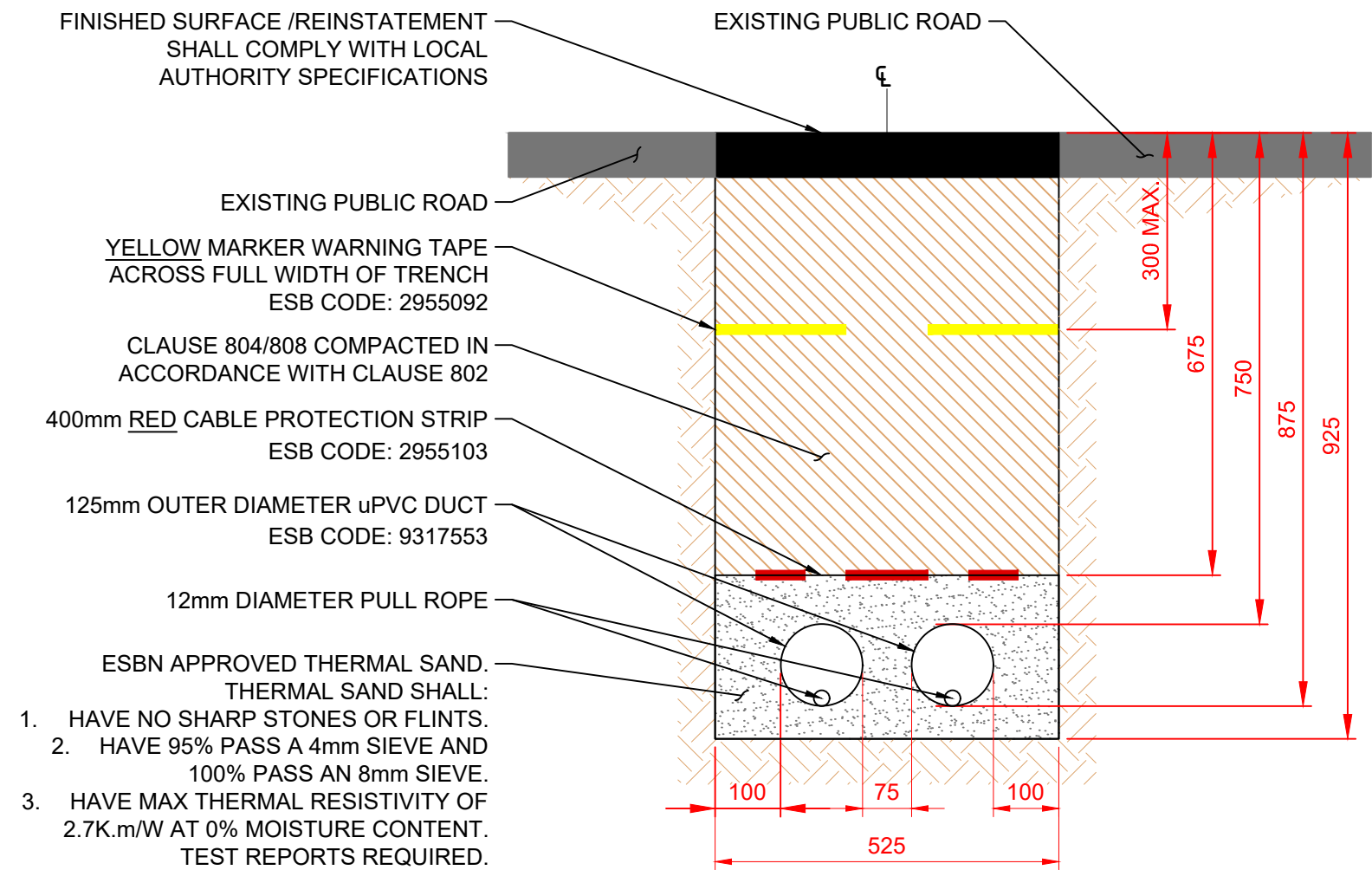
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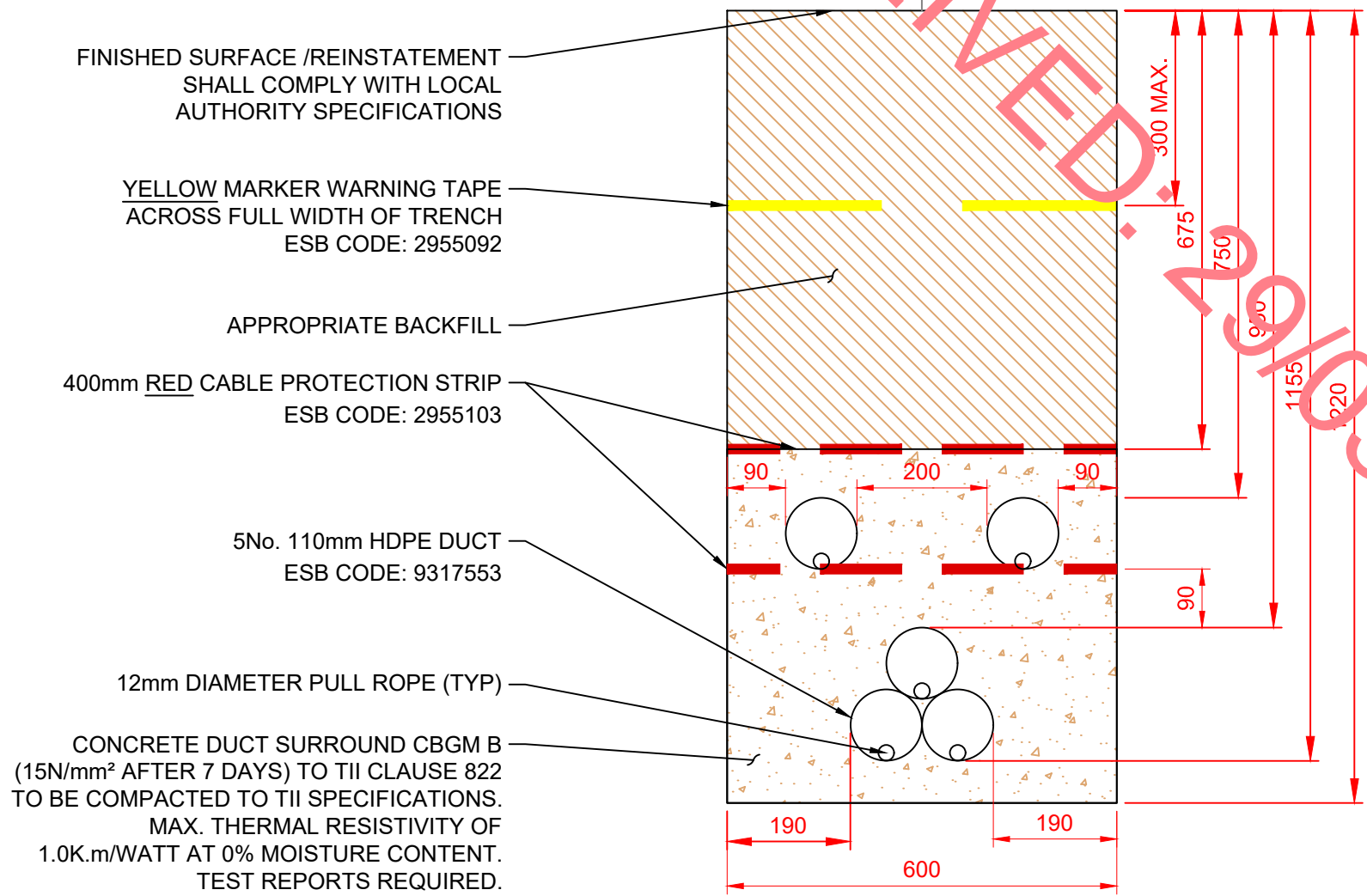
Dwg No: 22006-BFA-XX-XX-DR-C-6404	Rev: P1
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20kV DOUBLE CIRCUIT TYPICAL DETAIL - ROAD VERGE
Scale 1:10



20kV DOUBLE CIRCUIT TYPICAL DETAIL - ROAD
Scale 1:10



38kV SINGLE CIRCUIT TYPICAL DETAIL
Scale 1:10

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KEYED NOTES

LEGEND

PI	FIRST ISSUE	17/11/22
Rev	Description	Date

Suitability Status:
PLANNING

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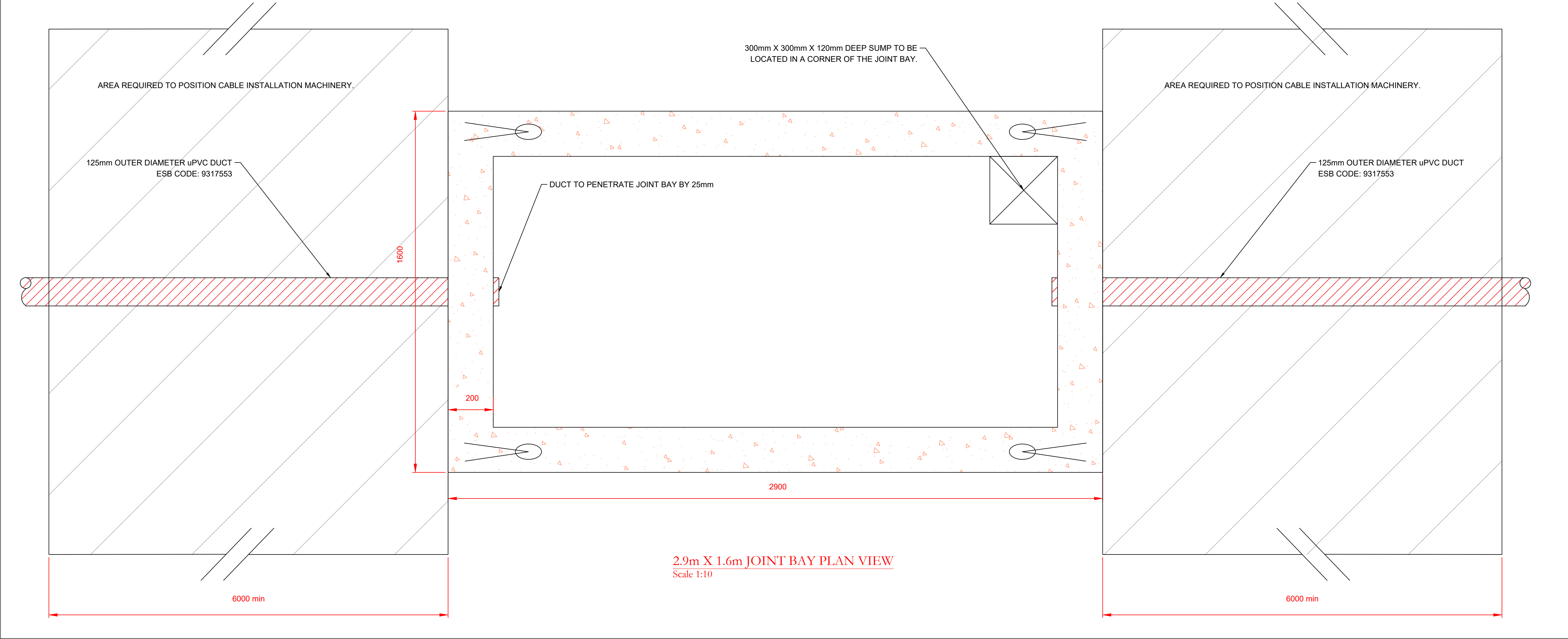
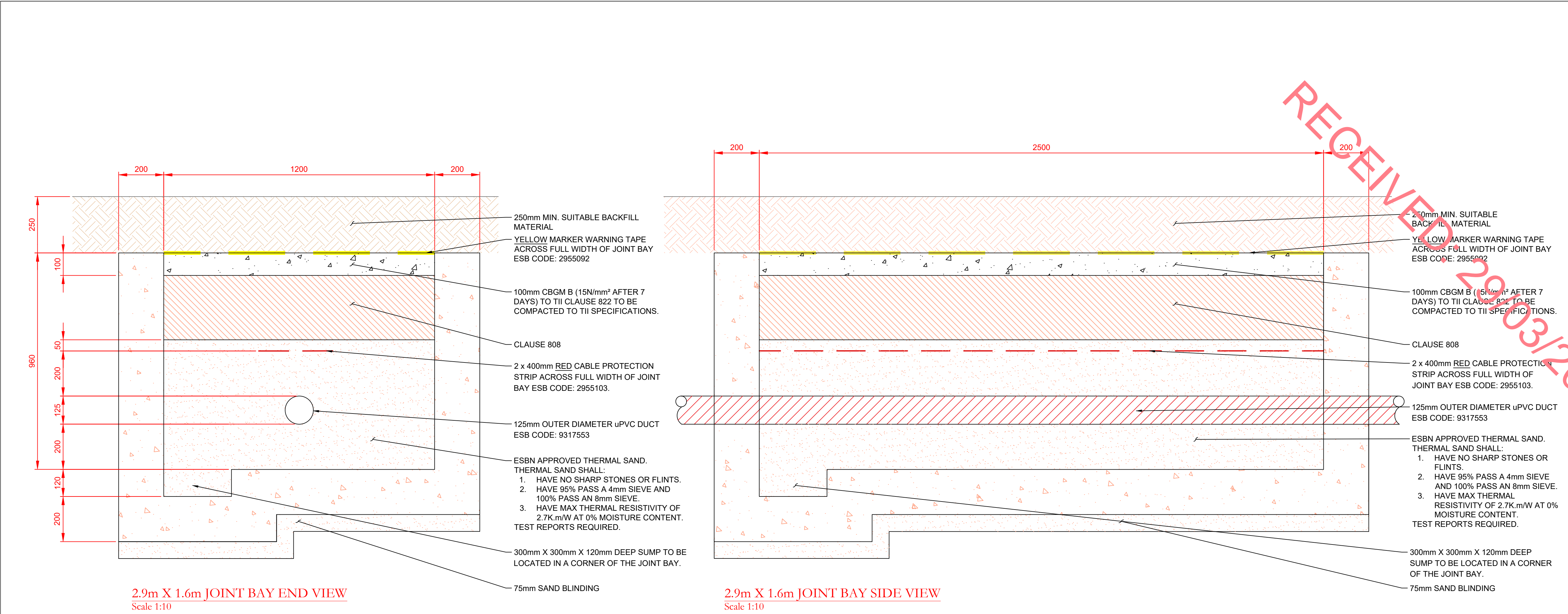
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BALLYKETT WIND FARM

Drawing Title:
GRID CONNECTION ROUTE
TYPICAL DETAILS - SHEET 1

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BFA	M.B.	B.F.	N/A	09/11/22	A1



Desg No:	Rev:
22006-BFA-XX-XX-DR-C-6501	P1



GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND DOCUMENTATION.
- DO NOT SCALE DRAWING. FIGURED DIMENSIONS ONLY TO BE USED.
- ALL LEVELS AND DIMENSIONS SHOWN ARE TO BE VERIFIED BY PRE-WORKS SURVEYS.
- TRENCH LEVELS ARE SHOWN TO CROWN OF DUCT/PIPE.
- FINAL REINSTATEMENT WORKS ARE SUBJECT TO AGREEMENT WITH THE LOCAL AUTHORITY. PRIOR TO CONSTRUCTION, CONSULTATION WILL BE HELD WITH THE LOCAL AUTHORITY TO AGREE THE REINSTATEMENT SPECIFICATIONS.
- FINAL TRENCH DETAILS ARE SUBJECT TO APPROVAL FROM THE ESB. PRIOR TO CONSTRUCTION, CONSULTATION WILL BE HELD WITH THE ESB TO AGREE THE TRENCH DETAIL SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CARRY OUT DETAILED SITE INVESTIGATION WORKS TO DETERMINE THE LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORKS.
- ALL LANDSCAPE AND ENVIRONMENTAL WORKS TO CONFORM WITH EIA.
- ALL TRAFFIC MANAGEMENT WORKS TO CONFORM TO AN APPROVED TRAFFIC MANAGEMENT PLAN.

KEYED NOTES

LEGEND

PI	FIRST ISSUE	17/11/22			
Rev	Description	Date			
Suitability Status:					
PLANNING					
Client:					
GREENSOURCE SUSTAINABLE DEVELOPMENTS					
Job Title:					
BALLYKETT WIND FARM					
Drawing Title:					
GRID CONNECTION ROUTE					
TYPICAL DETAILS - SHEET 3					
Originator:	Drawn by:	Checked by:	Scale:	Date:	Sheet:
BFA	M.B.	B.F.	N/A	09/11/22	A1

bfa
consulting

Desg No:
22006-BFA-XX-XX-DR-C-6502

Rev:
P1