



ORDNANCE SURVEY IRELAND LICENCE NO. EN 0003820  
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KEY:

- PLANNING APPLICATION BOUNDARY (OUTSIDE EDGE OF LINE DENOTES BOUNDARY)
- INDICATIVE 110kV UGC ROUTE
- PROPOSED 110kV SUBSTATION SITE
- EXISTING ESB THORNBERRY 110kV SUBSTATION
- PROPOSED 110kV JOINT BAY

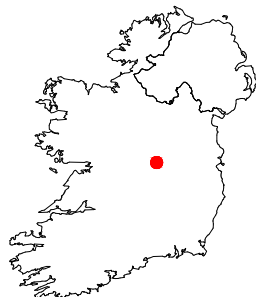
DISTANCE BETWEEN JOINT BAYS		
ROUTE SECTION	DISTANCE (m)	
THORNSBERRY 110kV SUB - JB01	0	
JB01 - JB02	841	
JB02 - JB03	842	
JB03 - JB04	833	
JB04 - JB05	774	
JB05 - JB06	791	
JB06 - JB07	787	
JB07 - JB08	775	
JB08 - JB09	762	
JB09 - JB10	762	
JB10 - COLEHILL 110kV SUB	114	

NOTES:

- THE PRECISE SITING OF ALL UGCs, JOINT BAYS, EARTH SHEATH LINK CHAMBERS AND COMMUNICATION CHAMBERS IS SUBJECT TO DETAILED DESIGN AND LIAISON AND APPROVAL BY EIRDCGRID, ESBN, AND ROADS AUTHORITY IN AN EFFORT TO ASSURE MINIMAL IMPACT ON THE LOCAL COMMUNITY AND TRAFFIC FLOW AND MOST ROBUST DESIGN.

REFERENCES:

- [1] REFER TO TLI DRAWING 051064-DR-104



SITE LOCATION - NOT TO SCALE

Map series:

- 1:5,000: 3372
- 1:2,500: 3372 (A, B, C, D), 3373 (A, C), 3435 (A, B), 3436 (A)

Produced by: Francesco Ghergo

**Renewable Energy Systems Ltd**  
Registered Office: Beaufort Court,  
Egg Farm Lane, Kings Langley,  
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OVERVIEW  
SHEET 1 OF 7



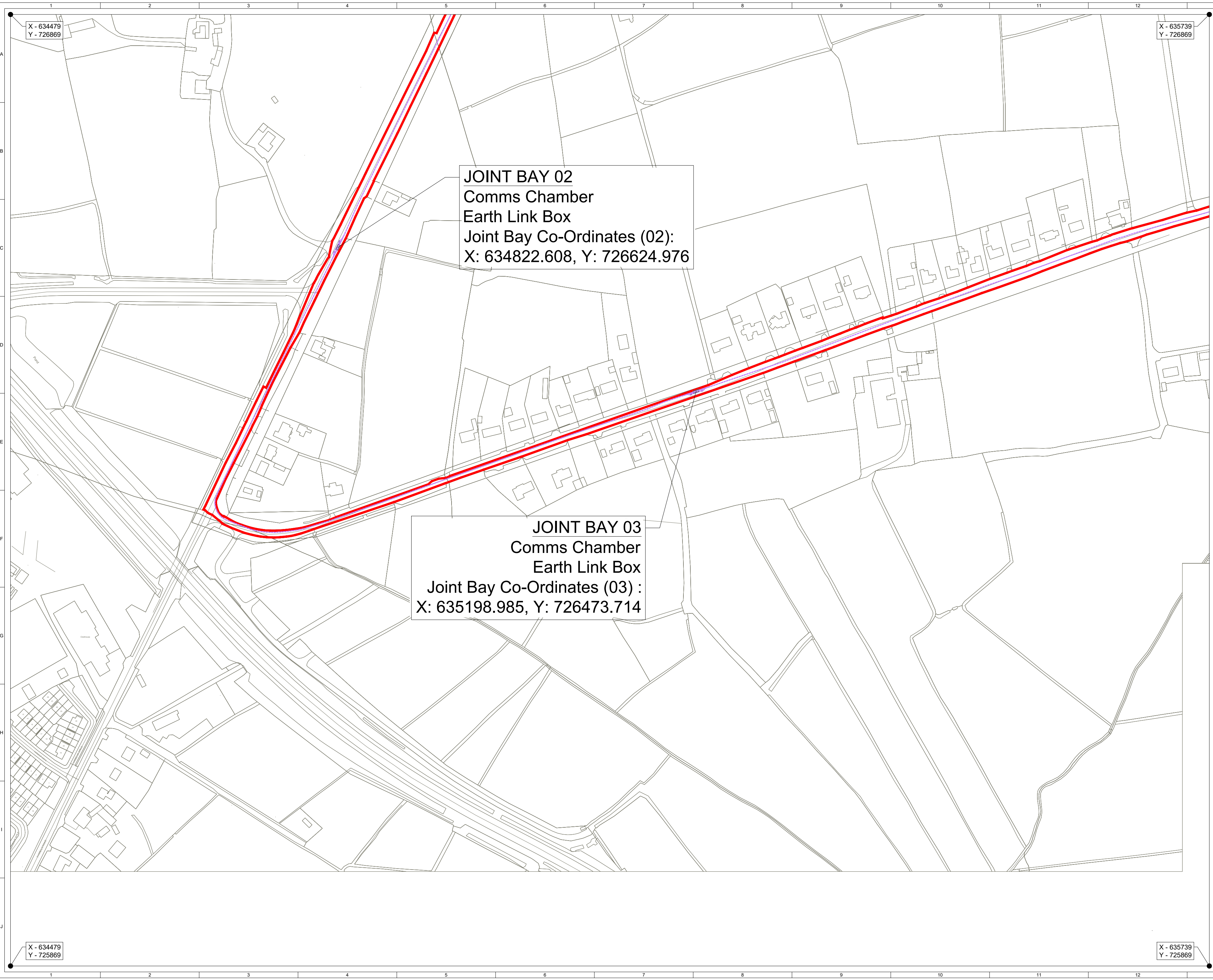
1	FG	JM	RB	2025-11-21	First Issue			
ISSUE/DRAWN				CHKD	APPD	DATE	REVISION NOTES	
PURPOSE							COORDINATES	
							IRENET95/ITM (EPSG:2157)	
SCALE							DATUM	
1:12,000							@ A2	N/A
LAYOUT DRAWING							T-LAYOUT NO	
N/A							N/A	
PROJECT TITLE								
COLEHILL								
110KV SUBSTATION								
DRAWING TITLE								
FIGURE 109								
JOINT BAY								
LOCATION MAP								
RES DRAWING NUMBER								
04386-RES-LAY-DR-PT-102								
REV								1
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**JOINT BAY 02**  
Comms Chamber  
Earth Link Box  
Joint Bay Co-Ordinates (02):  
X: 634822.608, Y: 726624.976

**JOINT BAY 03**  
Comms Chamber  
Earth Link Box  
Joint Bay Co-Ordinates (03) :  
X: 635198.985, Y: 726473.714

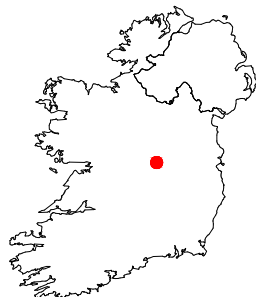
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JB07 - JB08	775
JB08 - JB09	751
JB09 - JB10	762
JB10 - COLEHILL 110kV SUB	114

- NOTES:**
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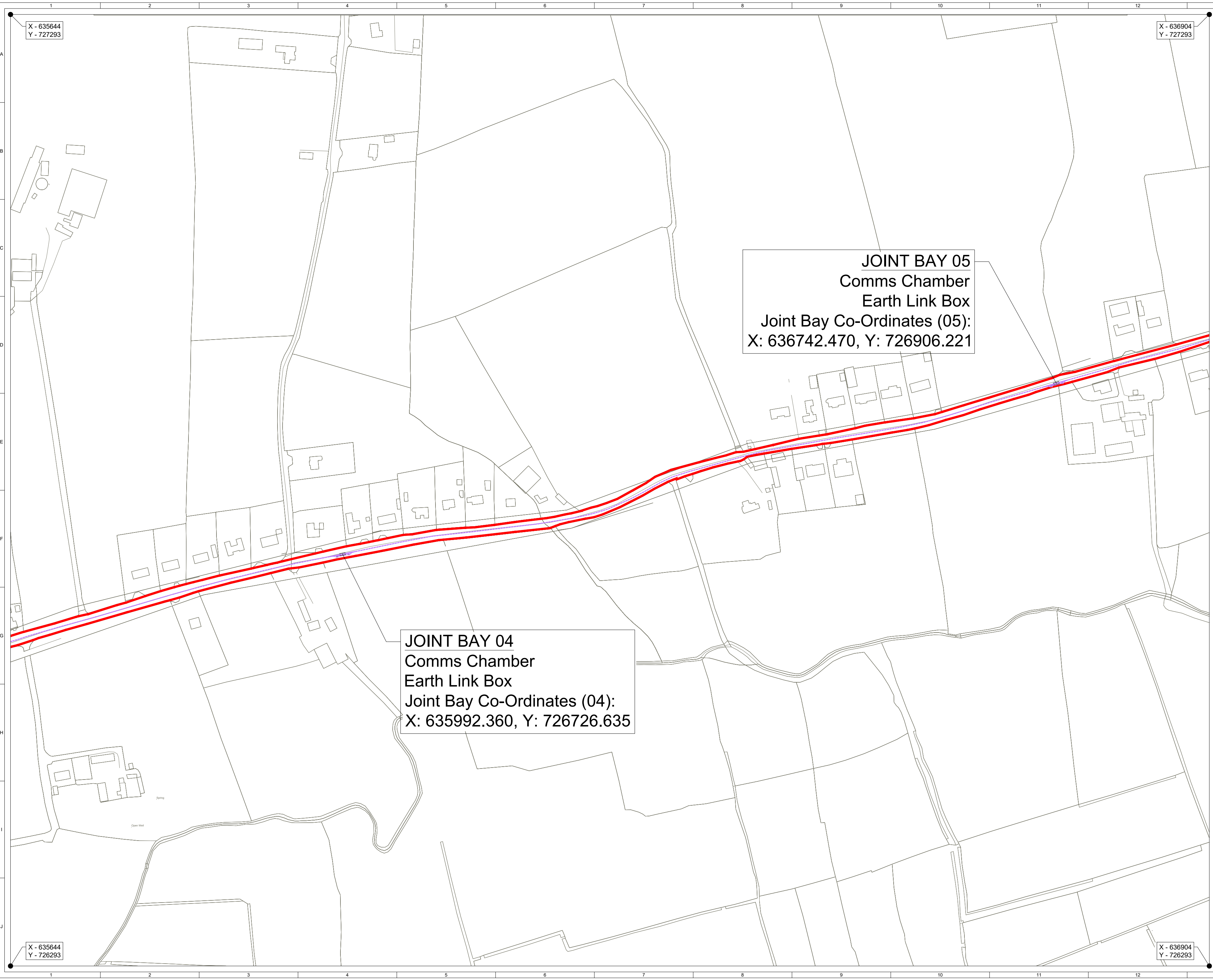


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SCALE				DATUM	
1:2,500 @ A2				N/A	
LAYOUT DRAWING				T-LAYOUT NO	
N/A				N/A	
PROJECT TITLE					
COLEHILL 110KV SUBSTATION					
DRAWING TITLE					
FIGURE 109 JOINT BAY LOCATION MAP					
RES DRAWING NUMBER					REV
04386-RES-LAY-DR-PT-102					1
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X - 635644  
Y - 727293

X - 636904  
Y - 727293

X - 635644  
Y - 726293

X - 636904  
Y - 726293

JOINT BAY 05  
Comms Chamber  
Earth Link Box  
Joint Bay Co-Ordinates (05):  
X: 636742.470, Y: 726906.221

JOINT BAY 04  
Comms Chamber  
Earth Link Box  
Joint Bay Co-Ordinates (04):  
X: 635992.360, Y: 726726.635

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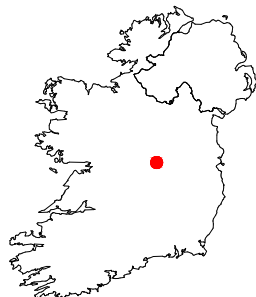
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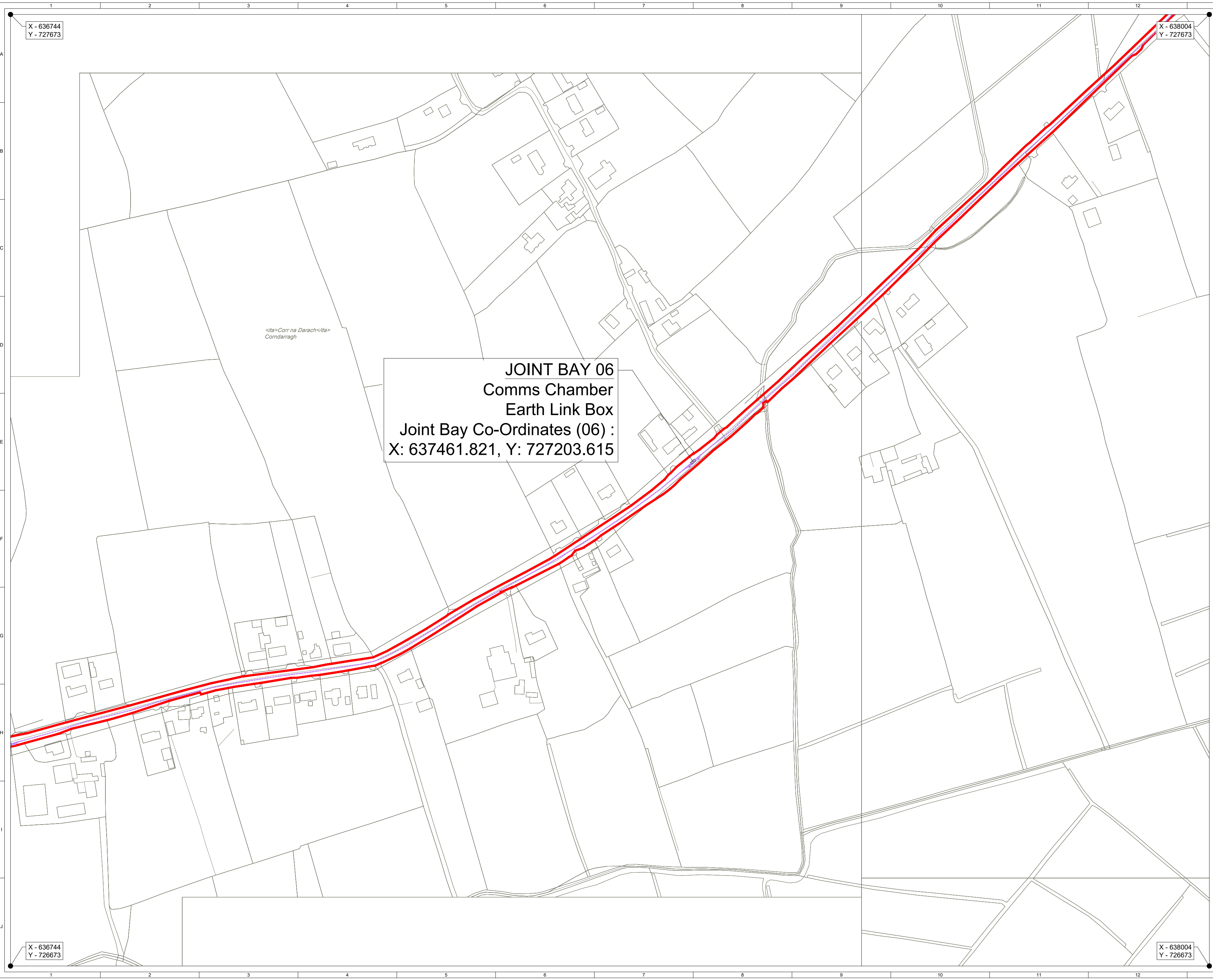
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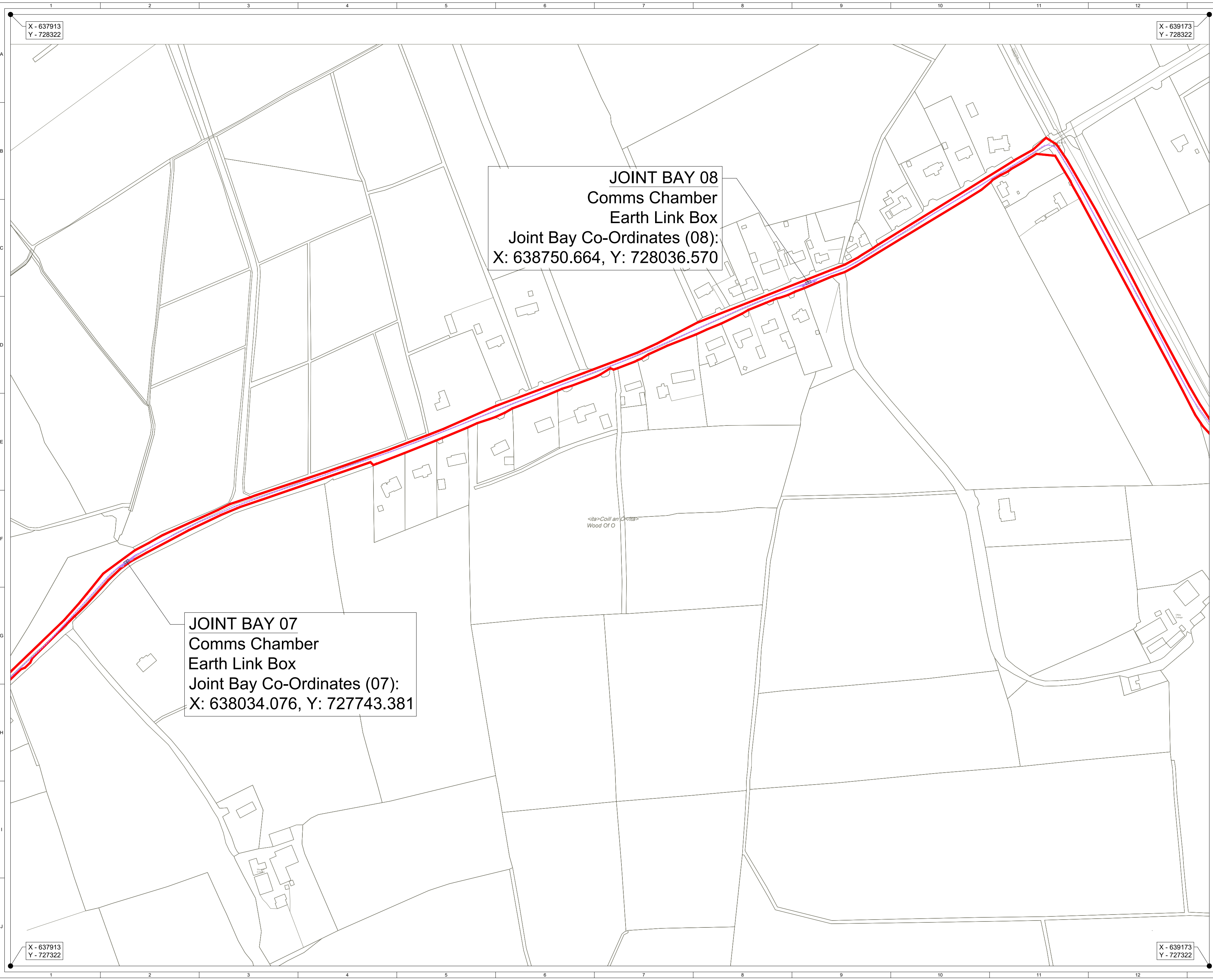
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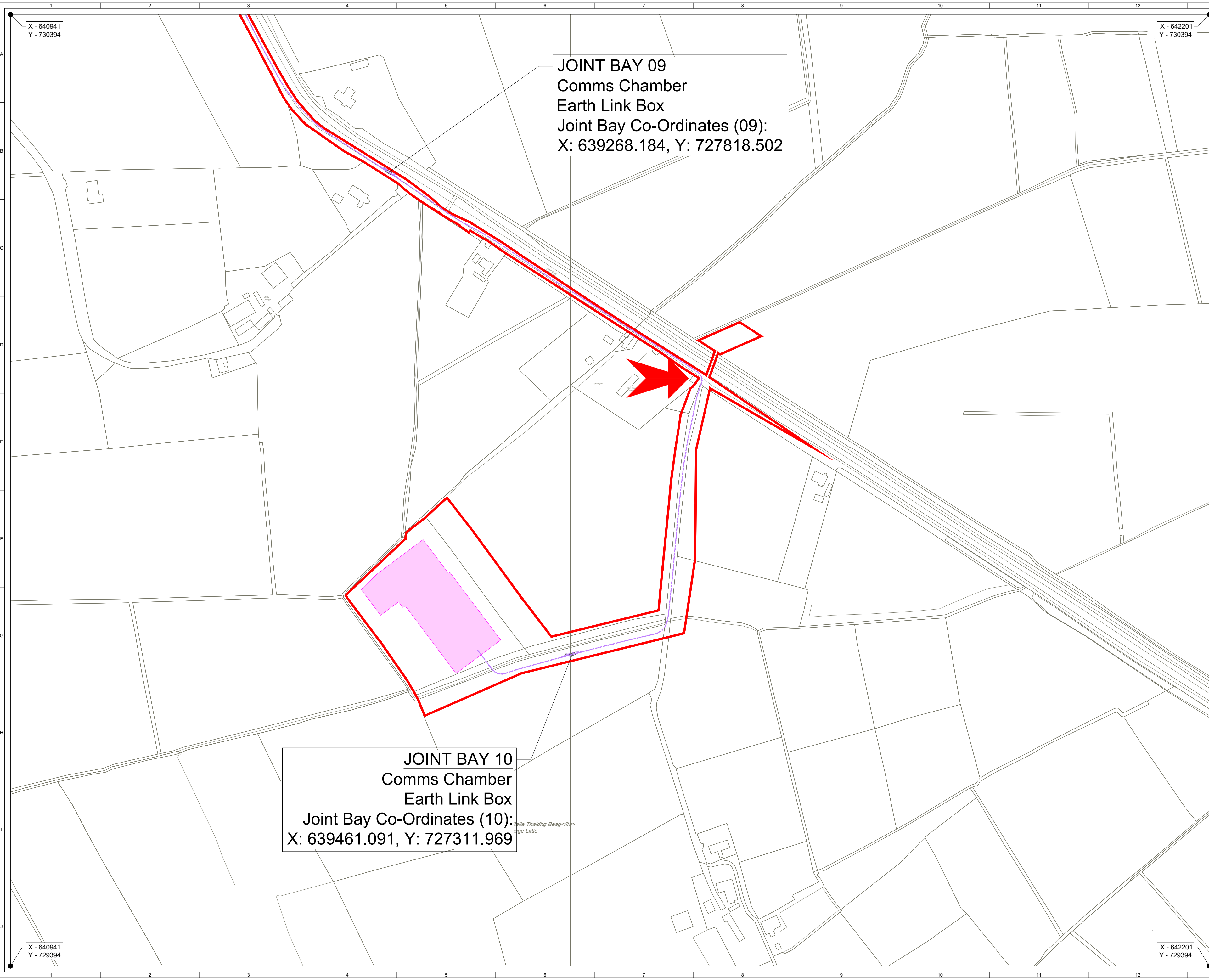
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1:2,500 @ A2					N/A
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N/A					N/A
PROJECT TITLE					
COLEHILL 110KV SUBSTATION					
DRAWING TITLE					
FIGURE 109 JOINT BAY LOCATION MAP					
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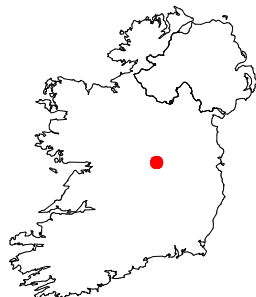
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