

Sheet Number	Sheet Title	Issued for Planning 03/04/2024
SP000	Sheet Index	X
SP100	Site Location Plan - Overall	X
SP100.AA	Site Location Plan - Sector AA	X
SP100.C	Site Location Plan - Sector C	X
SP100.D	Site Location Plan - Sector D	X
SP100.E	Site Location Plan - Sector E	X
SP100.F	Site Location Plan - Sector F	X
SP100.G	Site Location Plan - Sector G	X
SP100.H	Site Location Plan - Sector H	X
SP100.I	Site Location Plan - Sector I	X
SP110	Existing Site Layout Plan - Overall	X
SP110.C	Existing Site Layout Plan - Sector C	X
SP110.D	Existing Site Layout Plan - Sector D	X
SP110.E	Existing Site Layout Plan - Sector E	X
SP110.F	Existing Site Layout Plan - Sector F	X
SP110.G	Existing Site Layout Plan - Sector G	X
SP110.H	Existing Site Layout Plan - Sector H	X
SP110.I	Existing Site Layout Plan - Sector I	X
SP120	Site Layout Plan - Overall	X
SP120.C	Site Layout Plan - Sector C	X
SP120.D	Site Layout Plan - Sector D	X
SP120.E	Site Layout Plan - Sector E	X
SP120.F	Site Layout Plan - Sector F	X
SP120.G	Site Layout Plan - Sector G	X
SP120.H	Site Layout Plan - Sector H	X
SP120.I	Site Layout Plan - Sector I	X
SP130	Site Landscape Plan - Overall	X
SP130.C	Site Landscape Plan - Sector C	X
SP130.D	Site Landscape Plan - Sector D	X
SP130.E	Site Landscape Plan - Sector E	X
SP130.F	Site Landscape Plan - Sector F	X
SP130.G	Site Landscape Plan - Sector G	X
SP130.H	Site Landscape Plan - Sector H	X
SP130.I	Site Landscape Plan - Sector I	X
SP160	Campus Site Plan	X
SP510	Landscape Details	X



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

PROJECT:

SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SHEET INDEX

PROJECT NO: _____ DWG. NO: _____
DATE: 03/04/2024
SCALE: - **SP000**

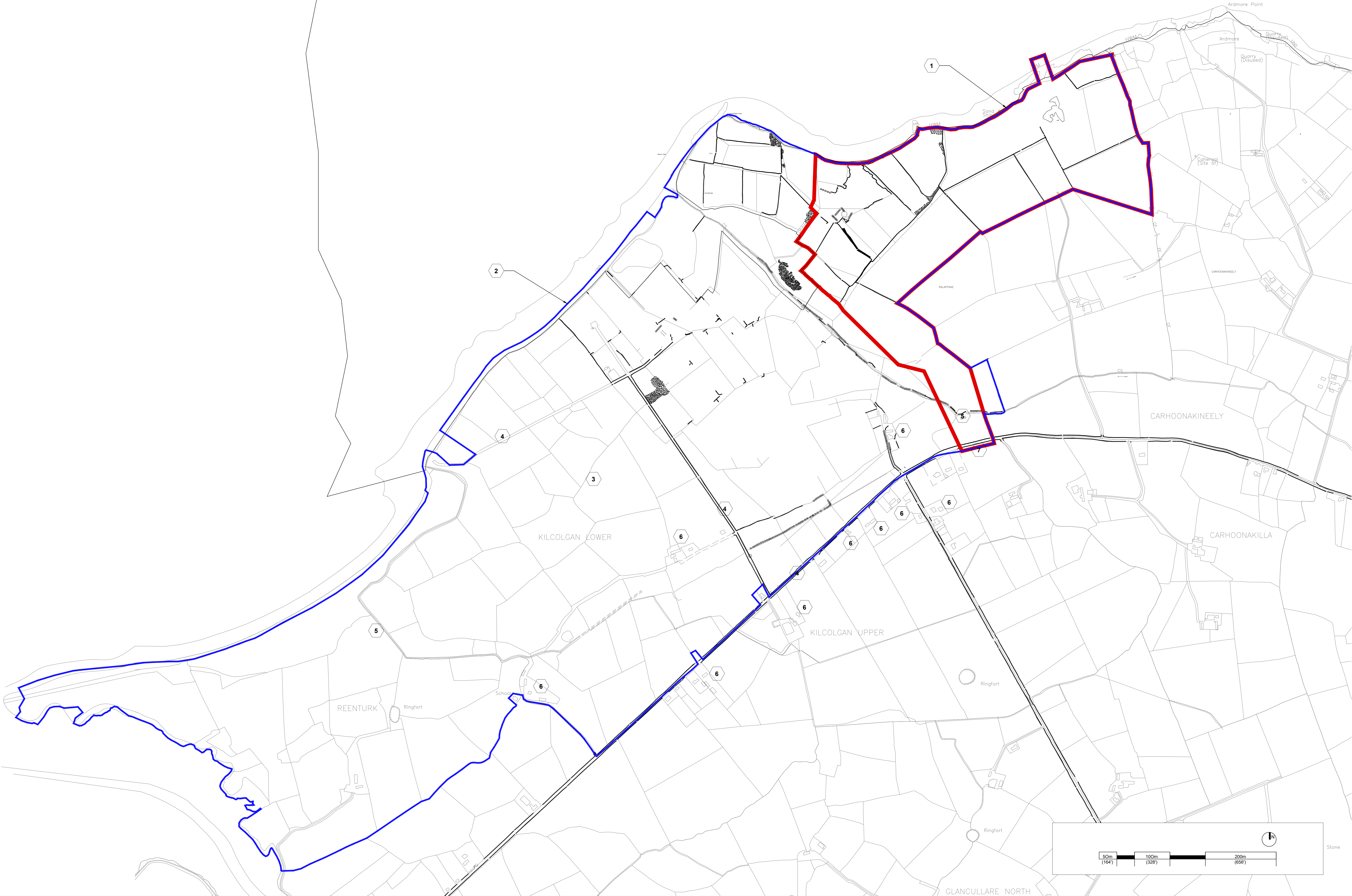
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LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	PROPERTY BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING STREAM
6	EXISTING STRUCTURE
7	SITE NOTICE

GENERAL NOTES

A ORDNANCE SURVEY RURAL MAP SHEET REF. 4832 & 4914. REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF THE GOVERNMENT. O.S. LICENSE NO. MP 00407. LAND LEVELS SHOWN REFERENCE DATUM MALIN HEAD. U.N.G. COORDINATES SHOWN ARE TO IRISH NATIONAL GRID IN METERS.



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POWER PLANT

DWG. TITLE
SITE LOCATION PLAN OVERALL

PROJECT NO: **DWG. NO:**
DATE: 03/04/2024 **SP100**
SCALE: 1:4000



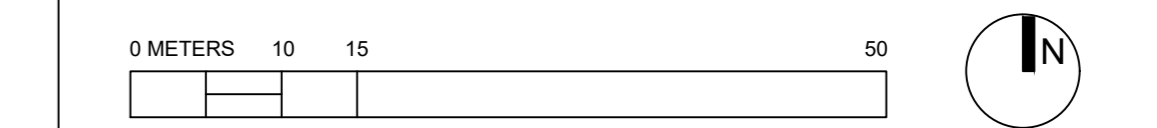
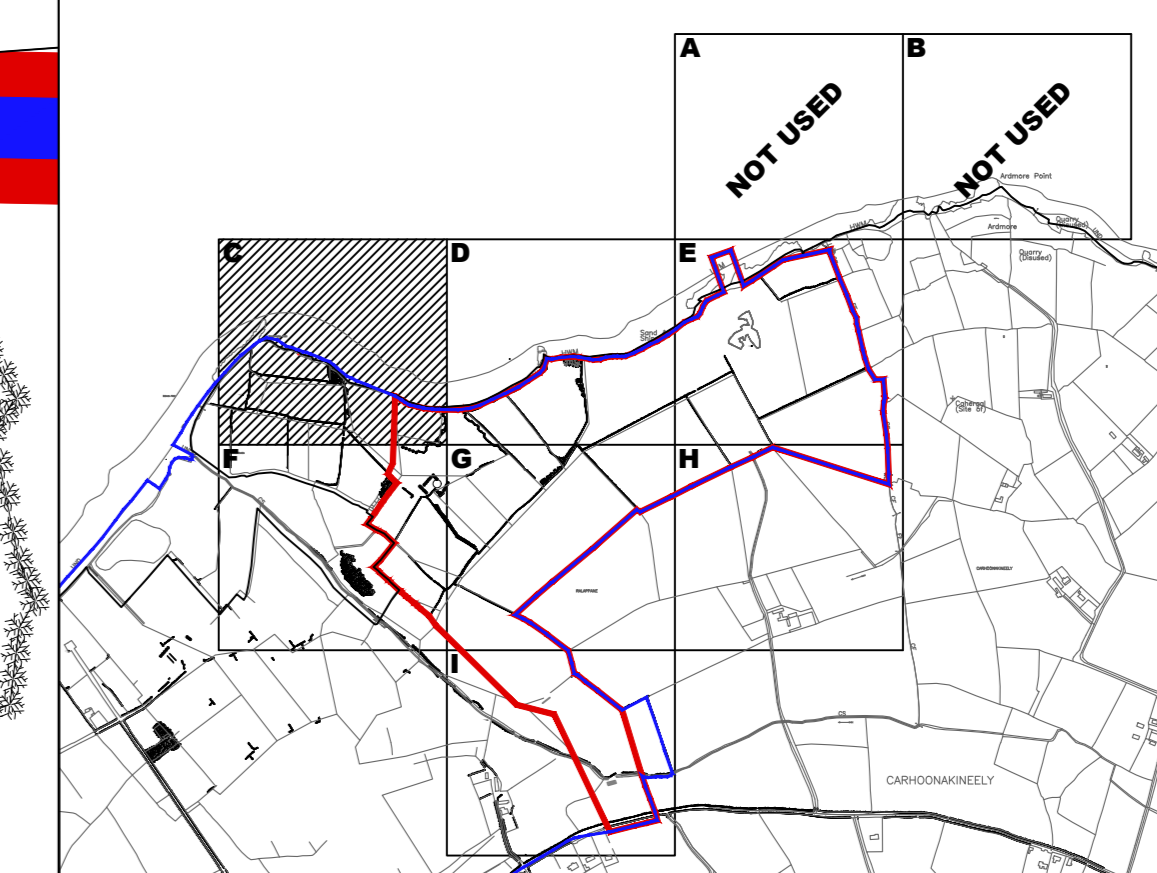
LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	PROPERTY BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING STREAM
6	EXISTING STRUCTURE
7	SITE NOTICE

GENERAL NOTES

A ORDNANCE SURVEY RURAL MAP SHEET REF. 4852 & 4914. REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF THE GOVERNMENT. O.S. LICENSE NO. MP 004407. LAND LEVELS SHOWN REFERENCE DATUM MALIN HEAD. U.N.O. COORDINATES SHOWN ARE TO IRISH NATIONAL GRID IN METERS.

SECTOR KEYPLAN



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LOCATION
PLAN SECTOR C

PROJECT NO.: _____ **DWG. NO.:**
DATE: 03/04/2024 **SP100.C**
SCALE: 1:500

SHEET SIZE: A0



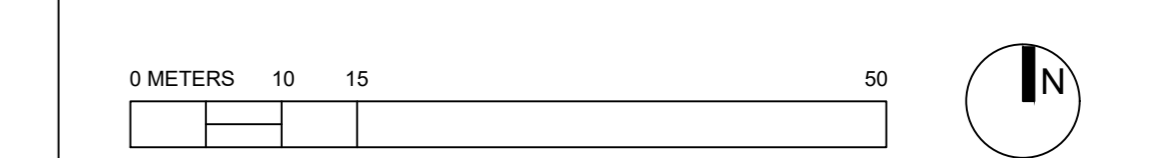
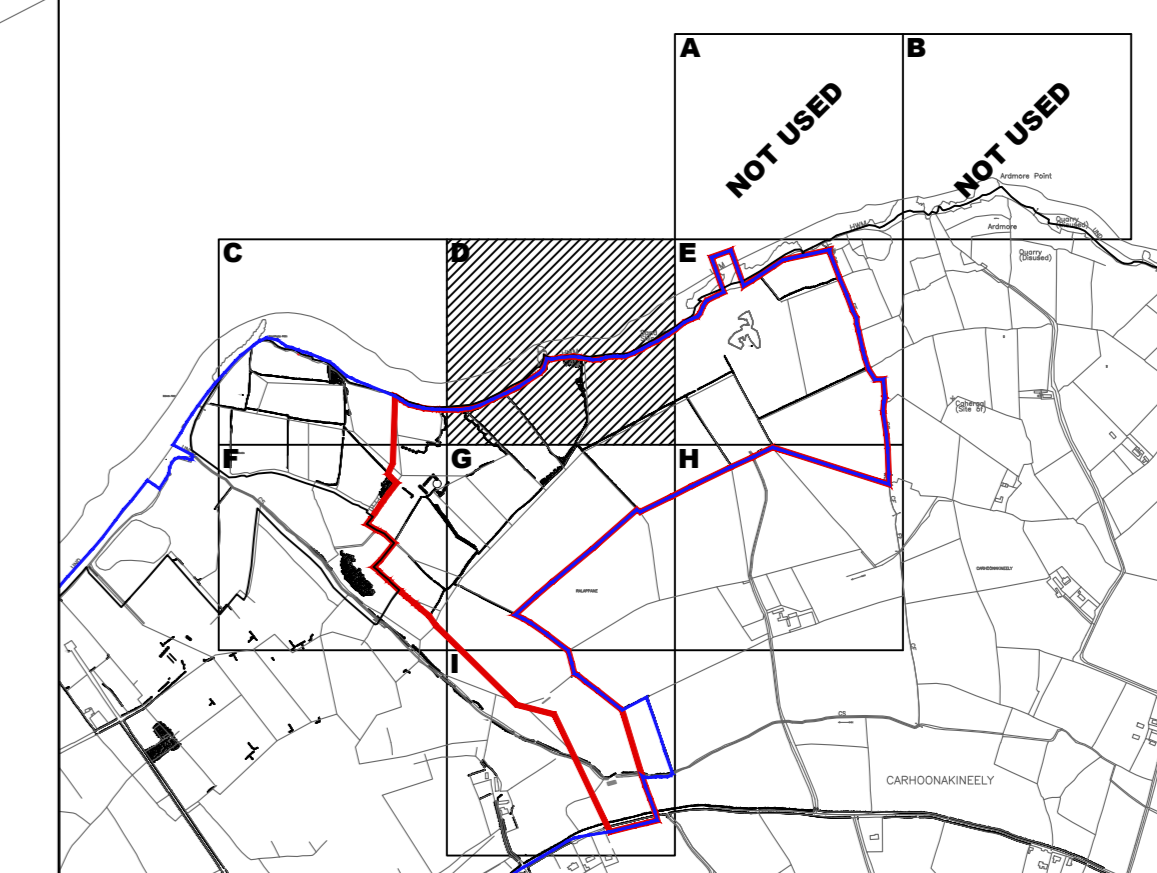
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1	PLANNING BOUNDARY (RED LINE)
2	PROPERTY BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING STREAM
6	EXISTING STRUCTURE
7	SITE NOTICE

GENERAL NOTES

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SECTOR KEYPLAN



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**



No.	Description	Date

SHEET REVISIONS

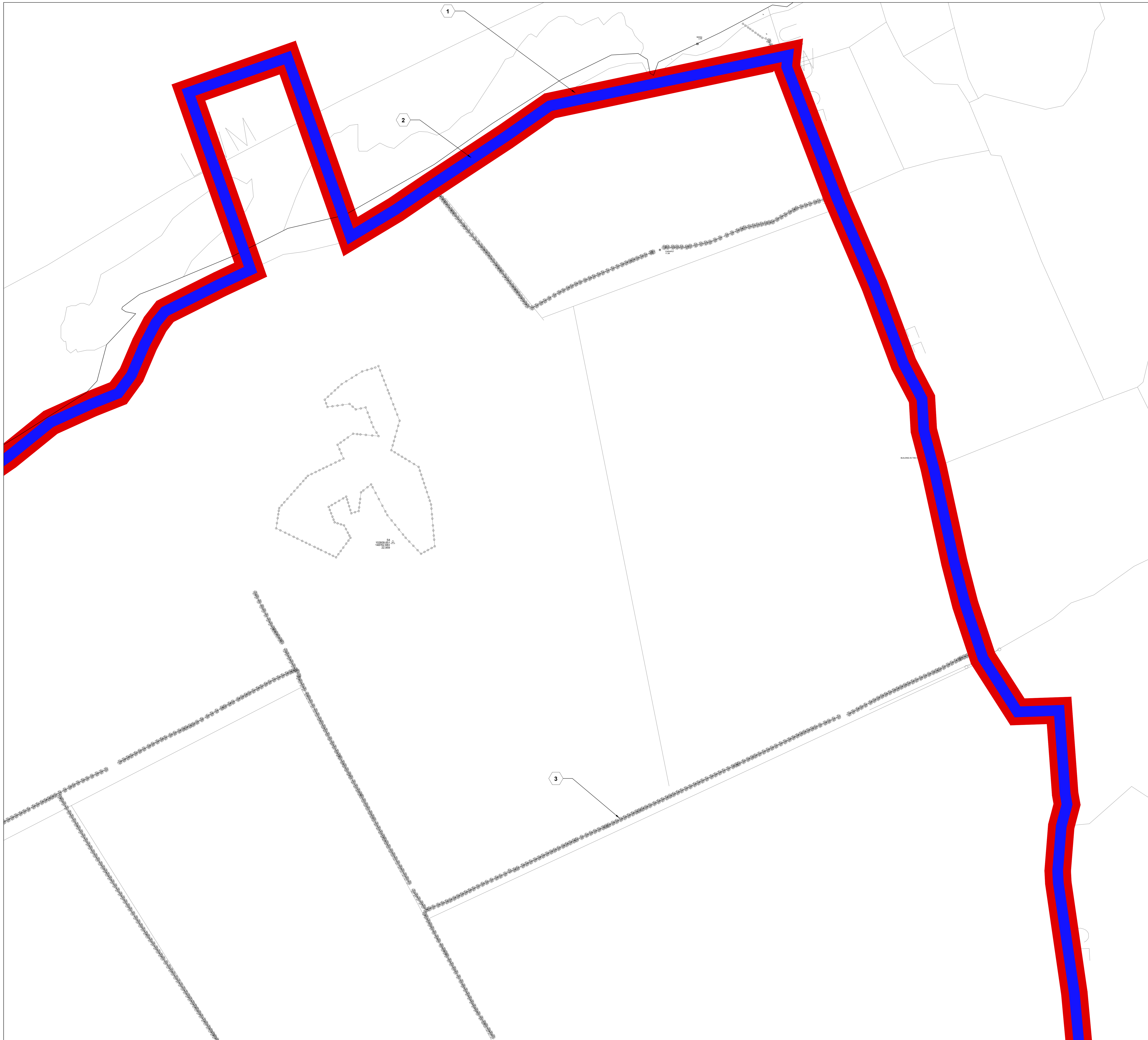
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PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LOCATION
PLAN SECTOR D

PROJECT NO: **DWG. NO:**
DATE: 03/04/2024 **SP100.D**
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SHEET SIZE: A0



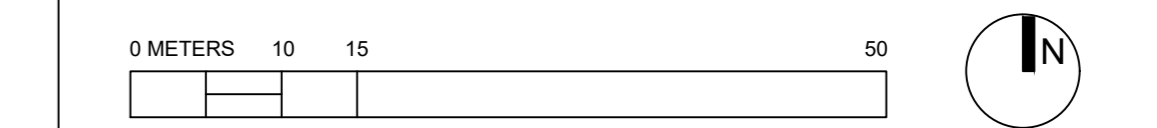
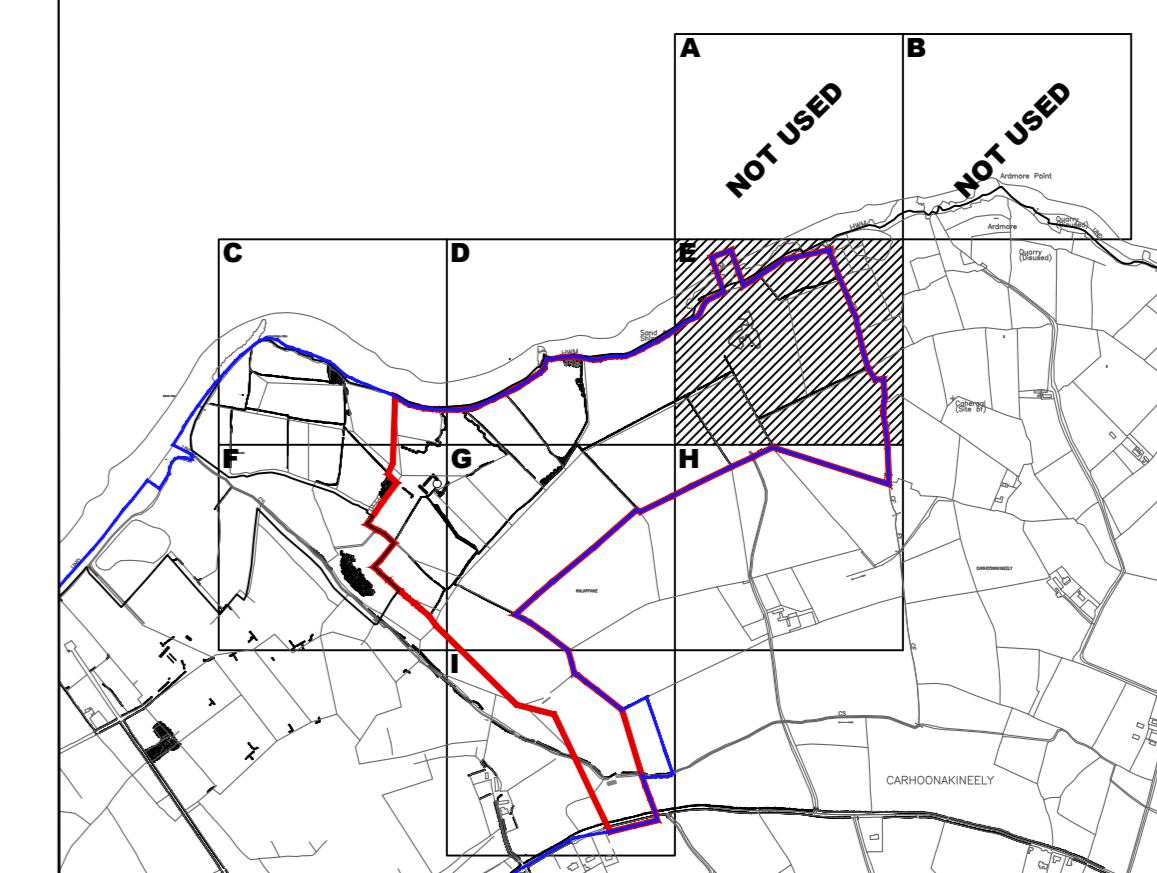
LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	PROPERTY BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING STREAM
6	EXISTING STRUCTURE
7	SITE NOTICE

GENERAL NOTES

A ORDNANCE SURVEY RURAL MAP SHEET REF. 4852 & 4914. REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF THE GOVERNMENT. O.S. LICENSE NO. MP 004407. LAND LEVELS SHOWN REFERENCE DATUM MALIN HEAD. U.N.O. COORDINATES SHOWN ARE TO IRISH NATIONAL GRID IN METERS.

SECTOR KEYPLAN



No.	Description	Date

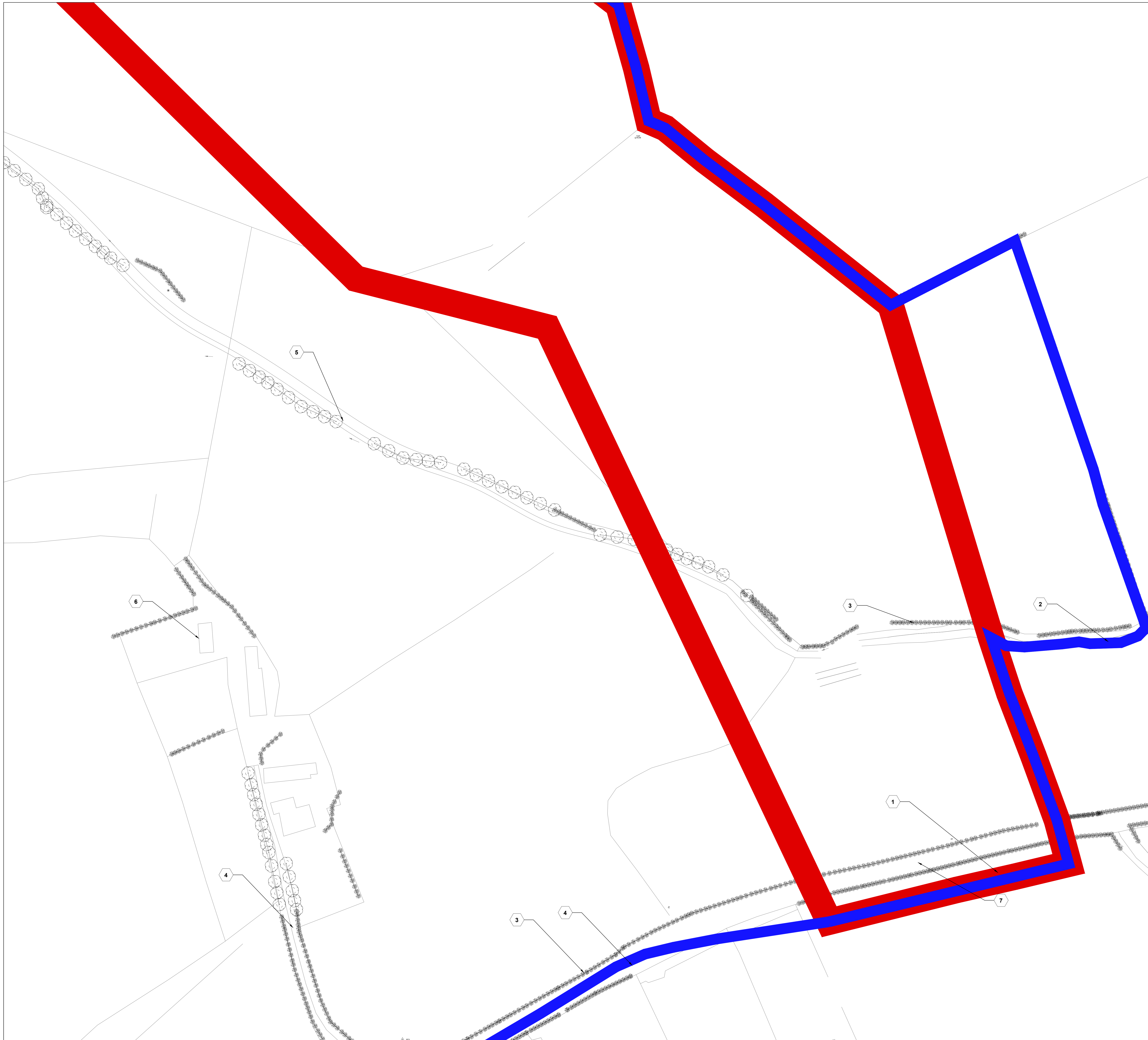
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ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POWER PLANT

DWG. TITLE
SITE LOCATION
PLAN SECTOR E

PROJECT NO.: **DWG. NO.:**
DATE: 03/04/2024 **SP100.E**
SCALE: 1:500

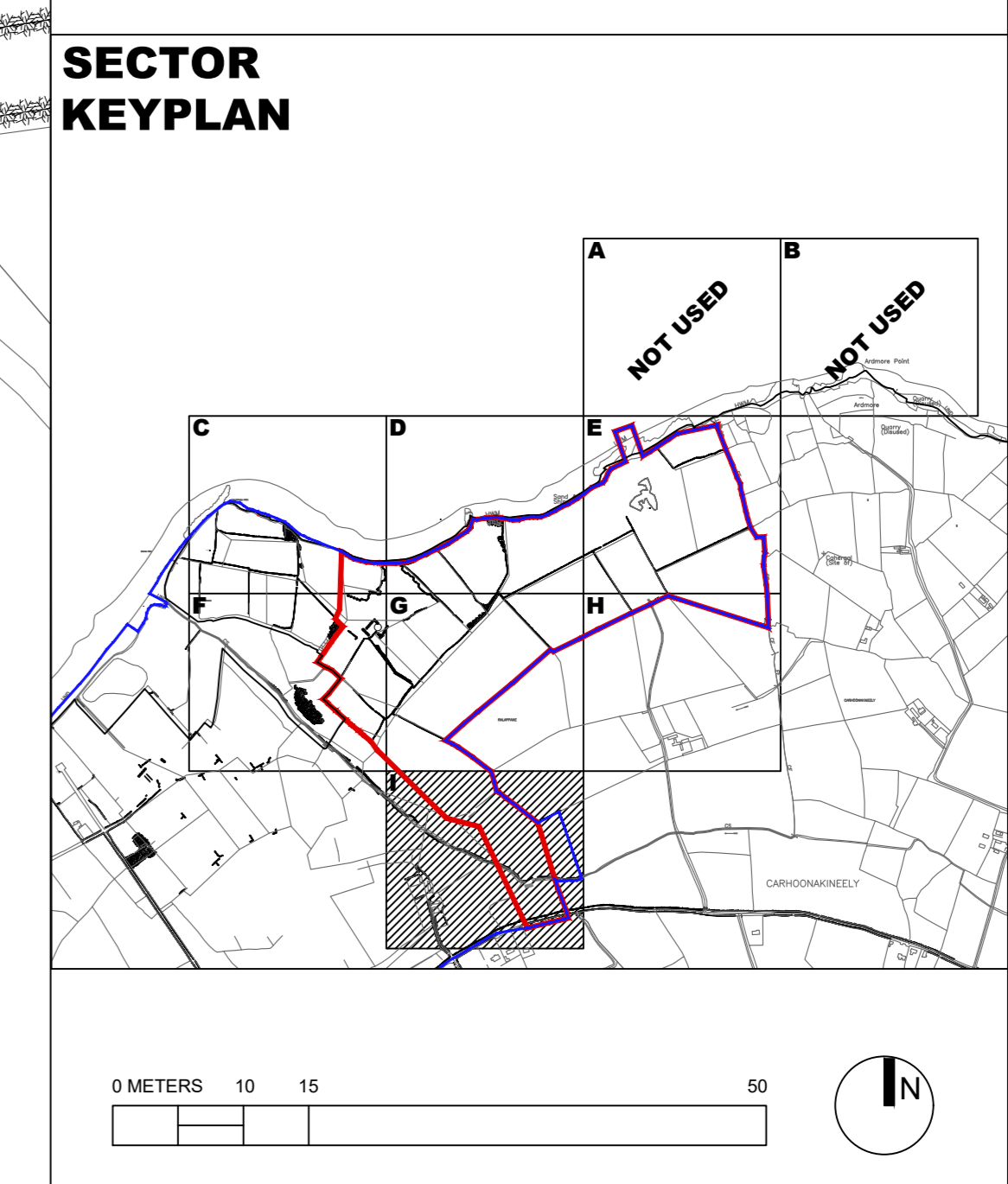


LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	PROPERTY BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING STREAM
6	EXISTING STRUCTURE
7	SITE NOTICE

GENERAL NOTES

A ORDINANCE SURVEY RURAL MAP SHEET REF. 4852 & 4914. REPRODUCED FROM THE ORDINANCE SURVEY BY PERMISSION OF THE GOVERNMENT. O.S. LICENSE NO. MP 004407. LAND LEVELS SHOWN REFERENCE DATUM MALIN HEAD U.N.O. COORDINATES SHOWN ARE TO IRISH NATIONAL GRID IN METERS.



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No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024

PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POWER PLANT

DWG. TITLE:
SITE LOCATION
PLAN SECTOR I

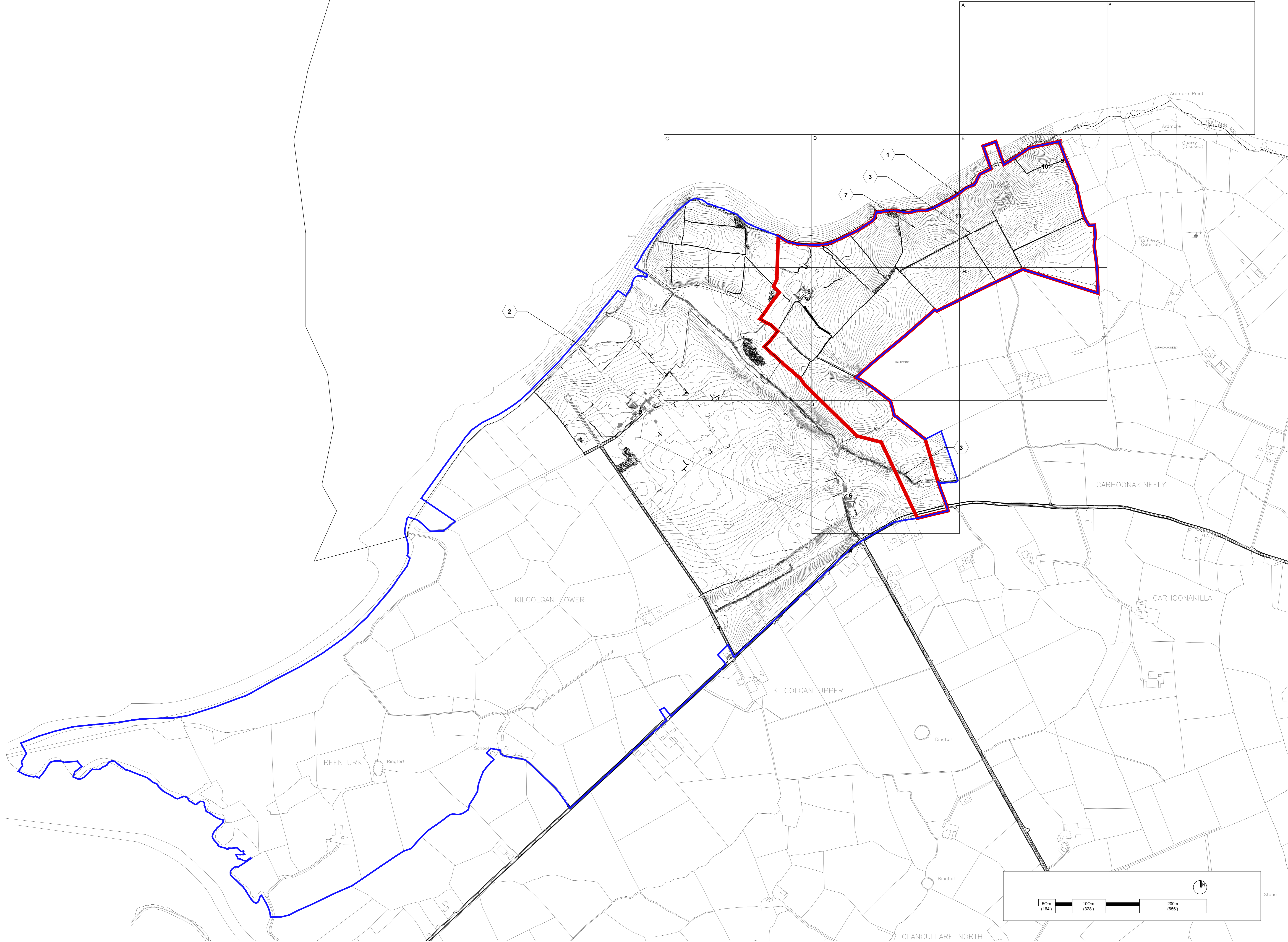
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DATE: 03/04/2024 **SP100.I**

SCALE: 1:500

SHEET SIZE: A0

LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING WATERCOURSE
6	EXISTING STRUCTURE
7	EXISTING TOPOGRAPHY
8	EXISTING STRUCTURES, CHS 4 FARM COMPLEX (DEMO)
9	EXISTING STRUCTURE, CHS 15 STRUCTURE (DEMO)
10	EXISTING STRUCTURE, CHS 7 GUN EMPLACEMENT (DEMO)
11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

PROJECT:
**SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT**

DWG. TITLE
**EXISTING SITE
LAYOUT PLAN
OVERALL**

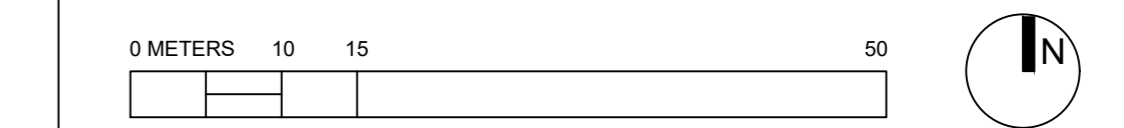
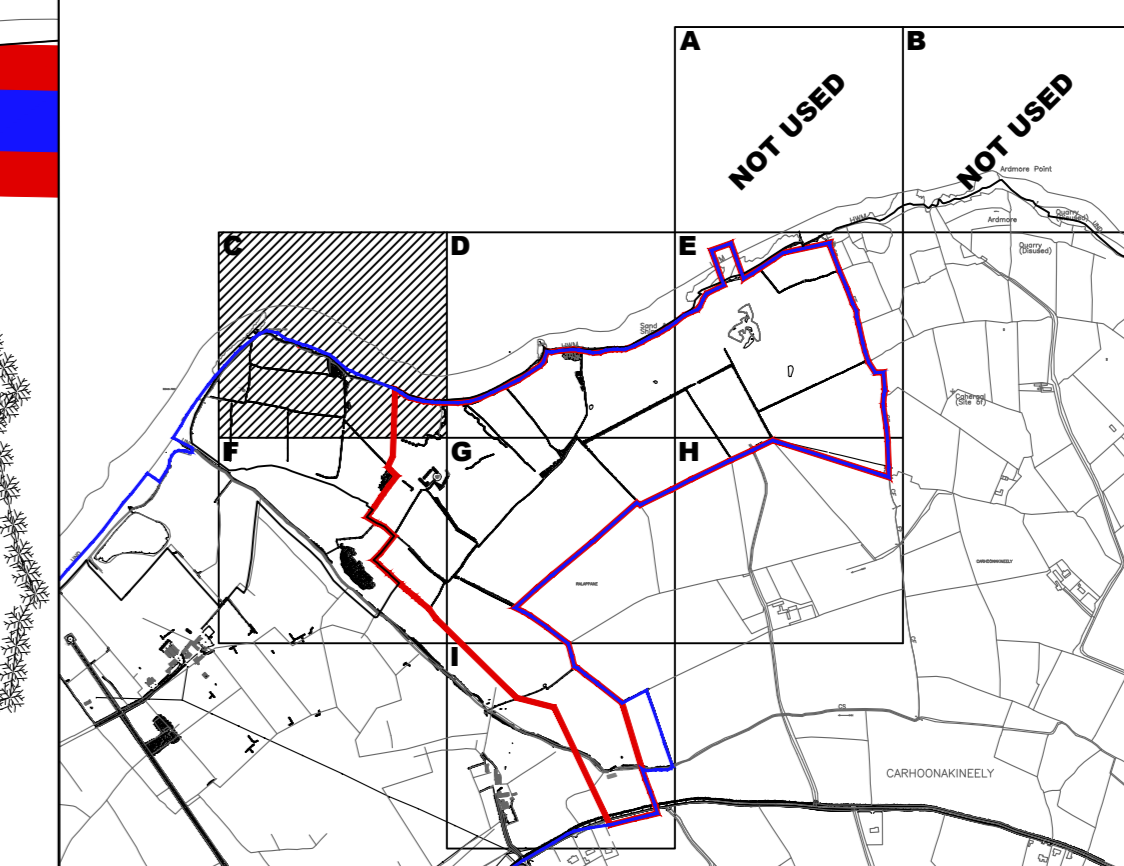
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DATE: 03.04.2024 **SP110**
SCALE: 1:4000
SCALE: **SHEET SIZE:** A0



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
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11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)

SECTOR KEYPLAN



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
EXISTING SITE
PLAN SECTOR C

PROJECT NO: **DWG. NO:**
DATE: 03.04.2024 **SP110.C**
SCALE: 1:500

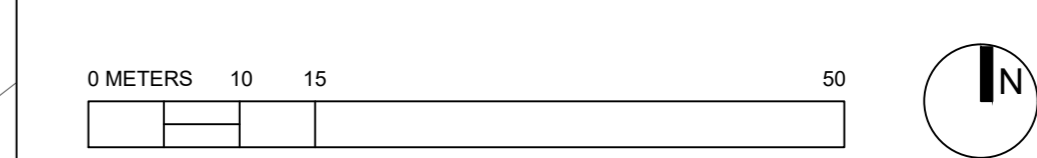
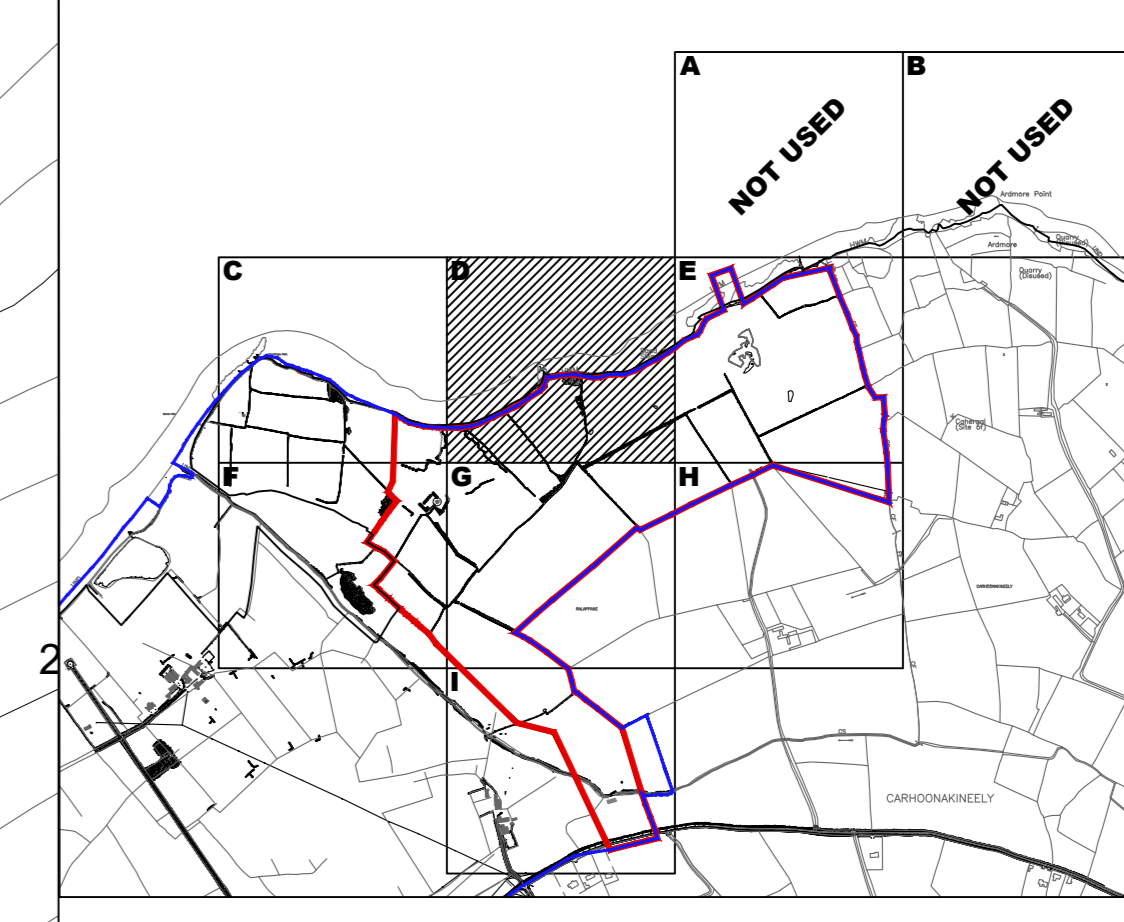
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LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
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11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)

SECTOR KEYPLAN



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**



No.	Description	Date

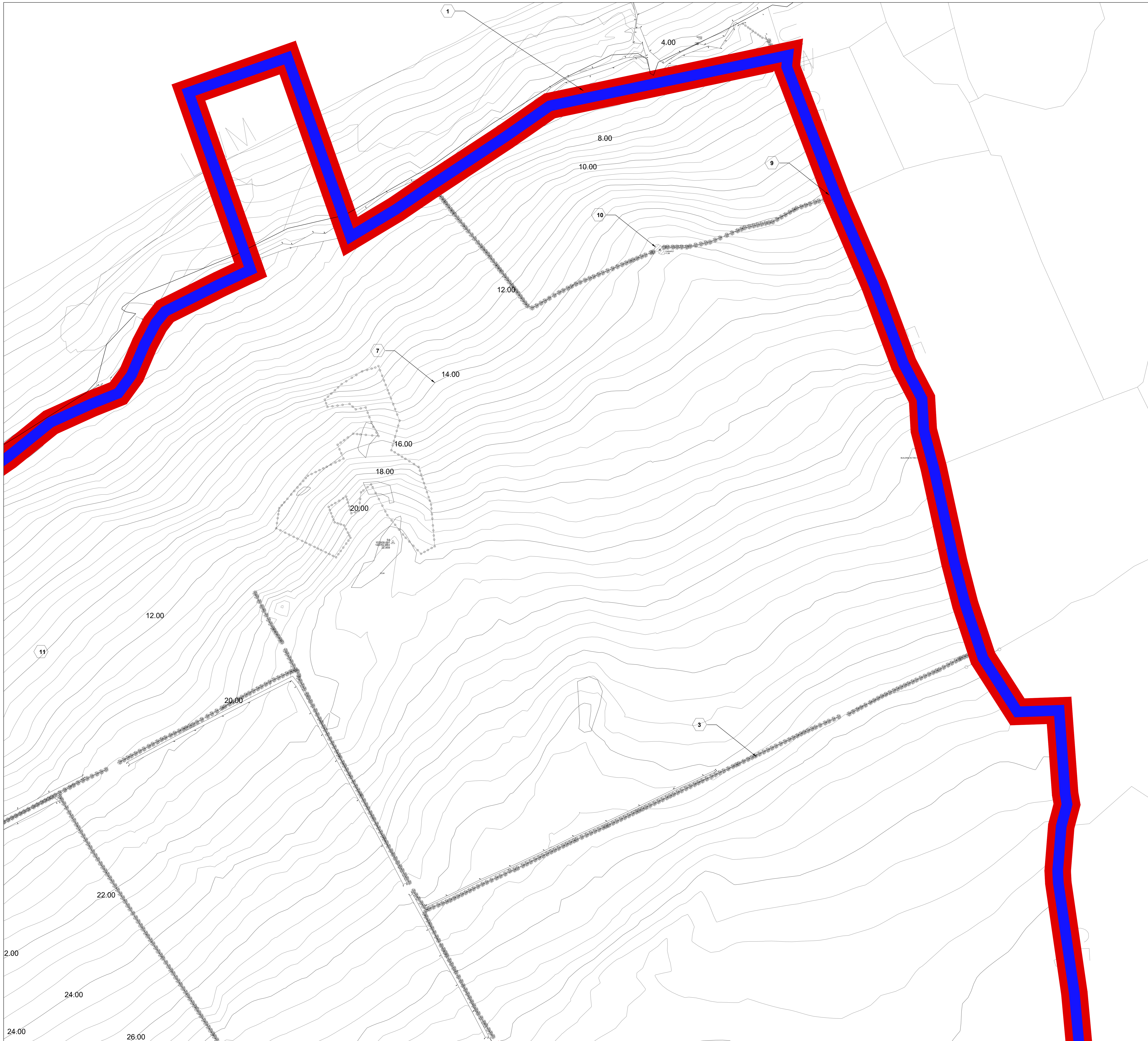
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ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
EXISTING SITE
PLAN SECTOR D

PROJECT NO: **DWG. NO:**
DATE: 03.04.2024 **SP110.D**
SCALE: 1:500
SCALE: **SHEET SIZE:** A0



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING WATERCOURSE
6	EXISTING STRUCTURE
7	EXISTING TOPOGRAPHY
8	EXISTING STRUCTURES, CHS 4 FARM COMPLEX (DEMO)
9	EXISTING STRUCTURE, CHS 15 STRUCTURE (DEMO)
10	EXISTING STRUCTURE, CHS 7 GUN EMPLACEMENT (DEMO)
11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**

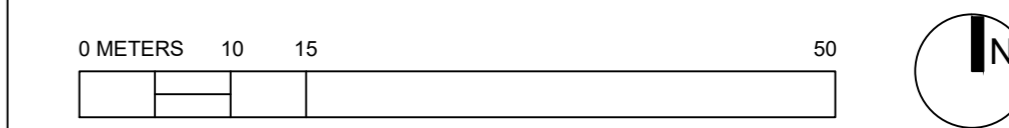
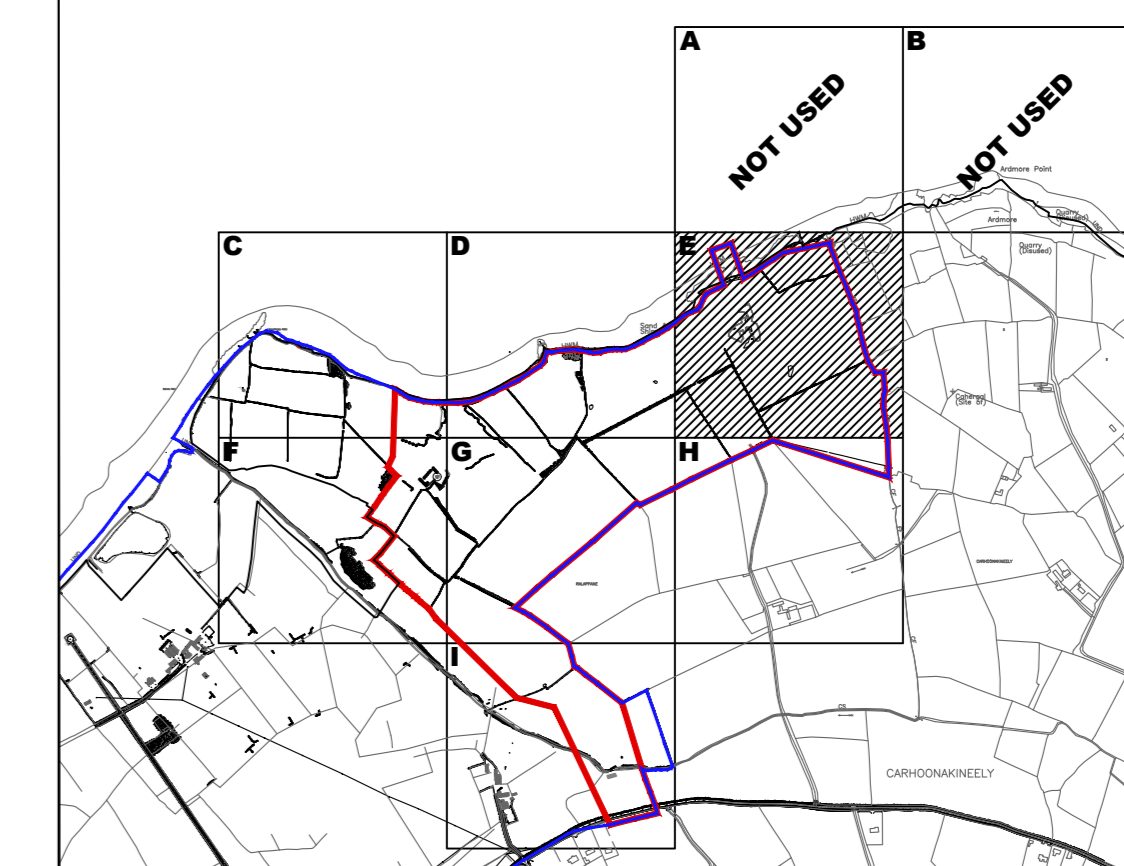


No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

**SECTOR
KEYPLAN**

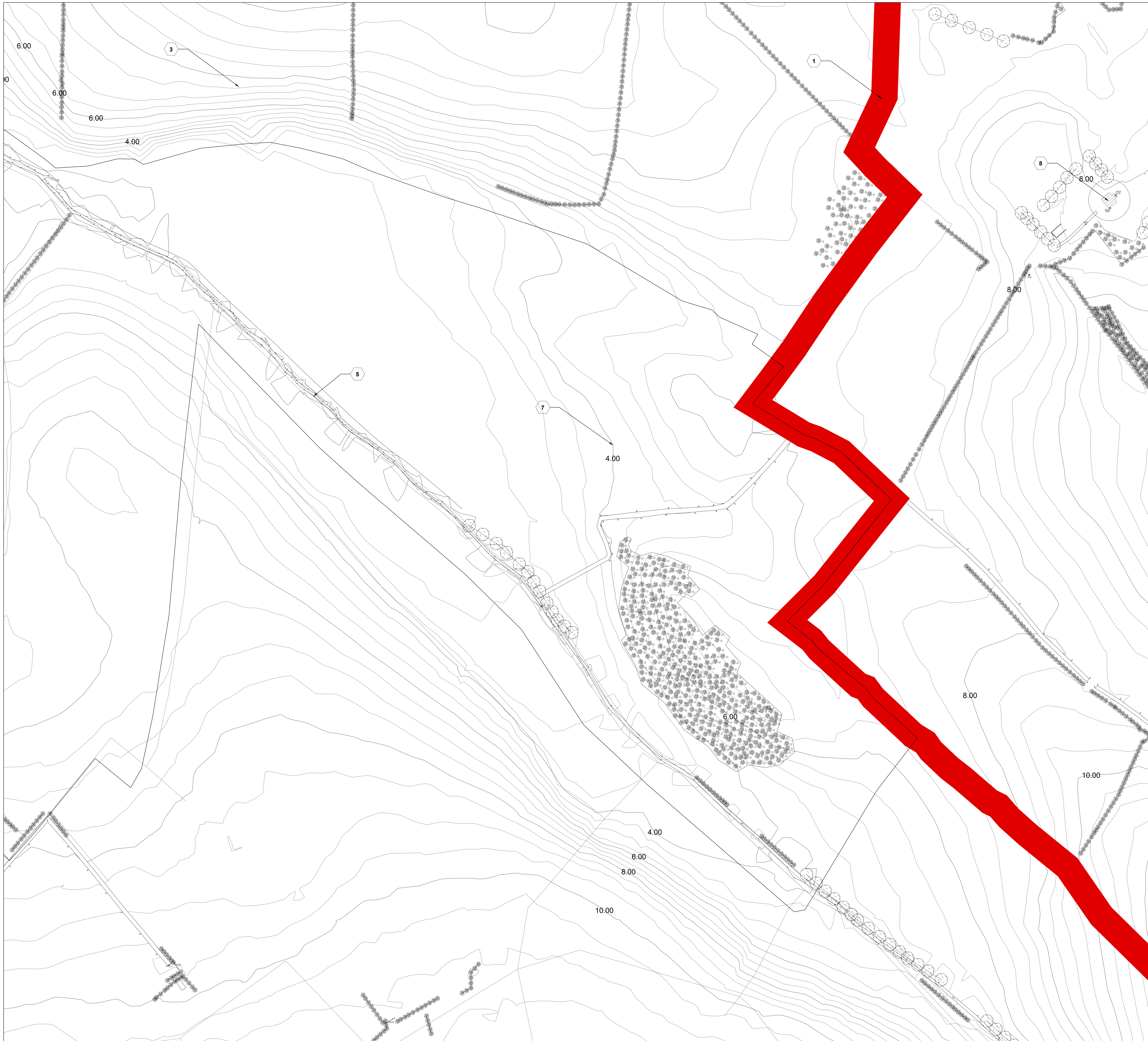


PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
EXISTING SITE
PLAN SECTOR E

PROJECT NO: **DWG. NO:**
DATE: 03.04.2024 **SP110.E**
SCALE: 1:500

SCALE: SHEET SIZE: A0



LEGEND

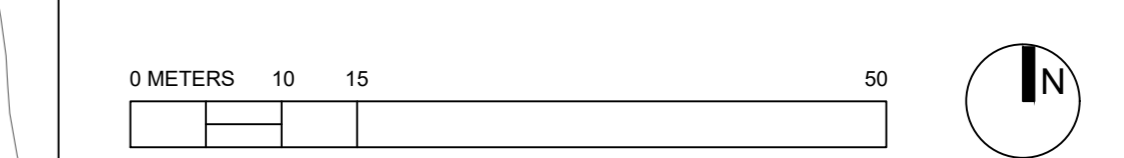
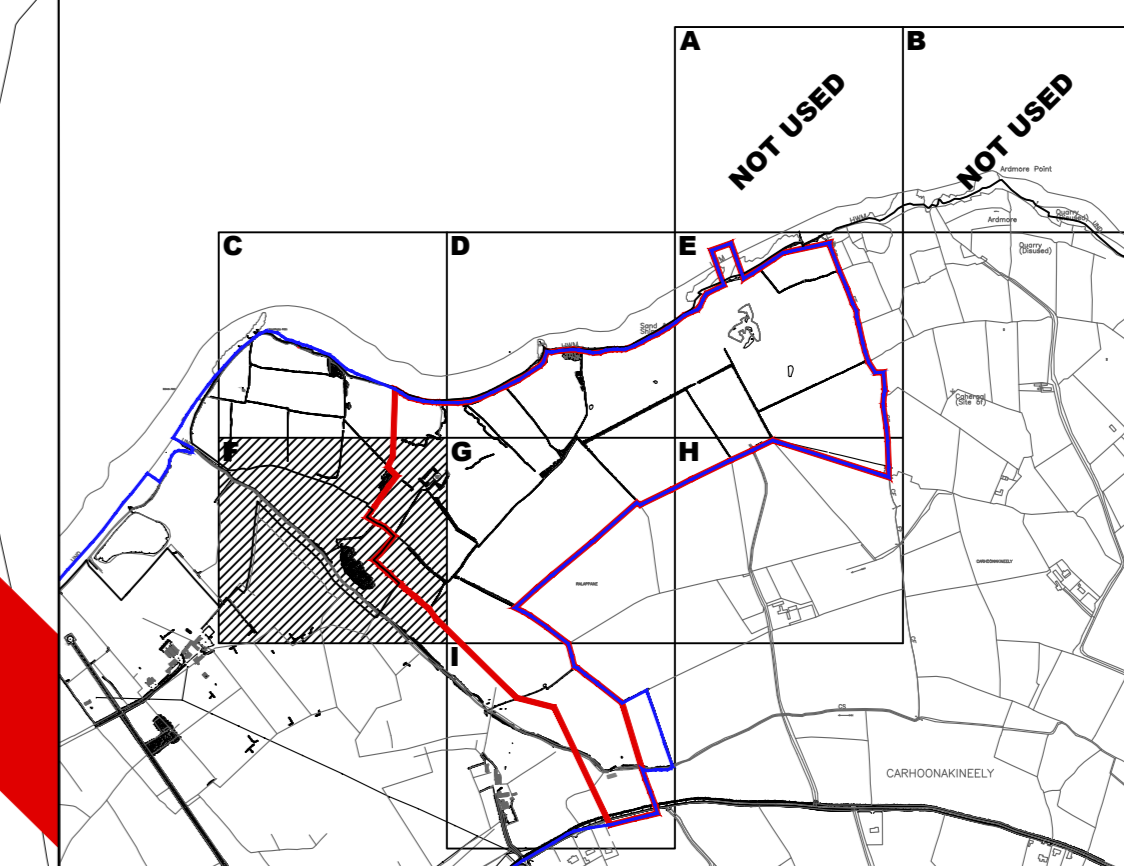
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2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING WATERCOURSE
6	EXISTING STRUCTURE
7	EXISTING TOPOGRAPHY
8	EXISTING STRUCTURES, CHS 4 FARM COMPLEX (DEMO)
9	EXISTING STRUCTURE, CHS 15 STRUCTURE (DEMO)
10	EXISTING STRUCTURE, CHS 7 GUN EMPLACEMENT (DEMO)
11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)

No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

**SECTOR
KEYPLAN**

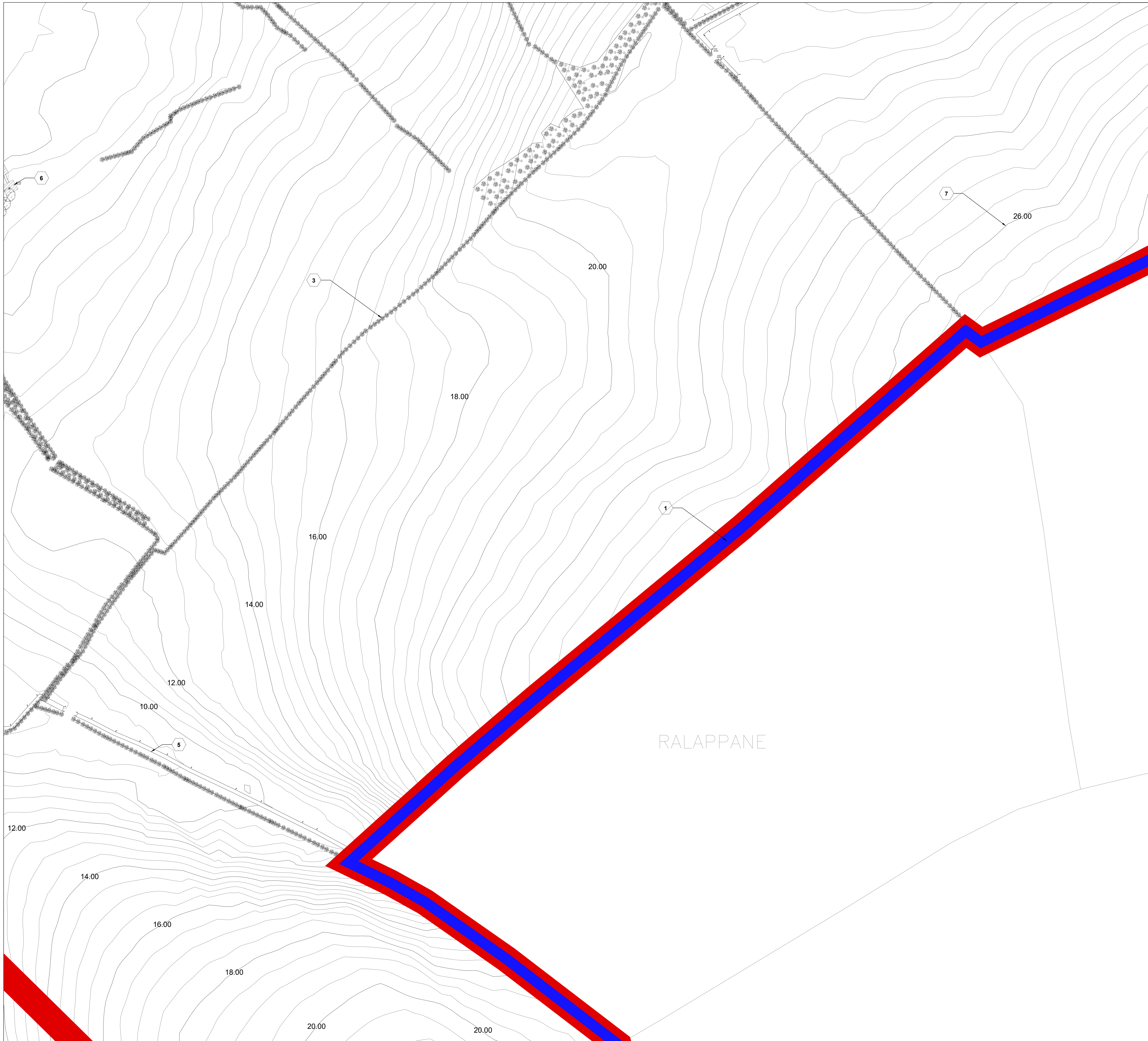


PROJECT:
**SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT**

DWG. TITLE
**EXISTING SITE
PLAN SECTOR F**

PROJECT NO: **DWG. NO:**
DATE: 03.04.2024 **SP110.F**
SCALE: 1:500

SCALE: **SHEET SIZE: A0**



LEGEND

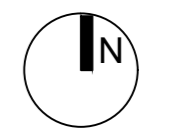
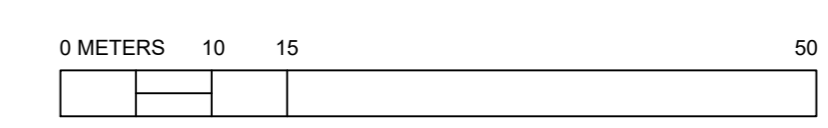
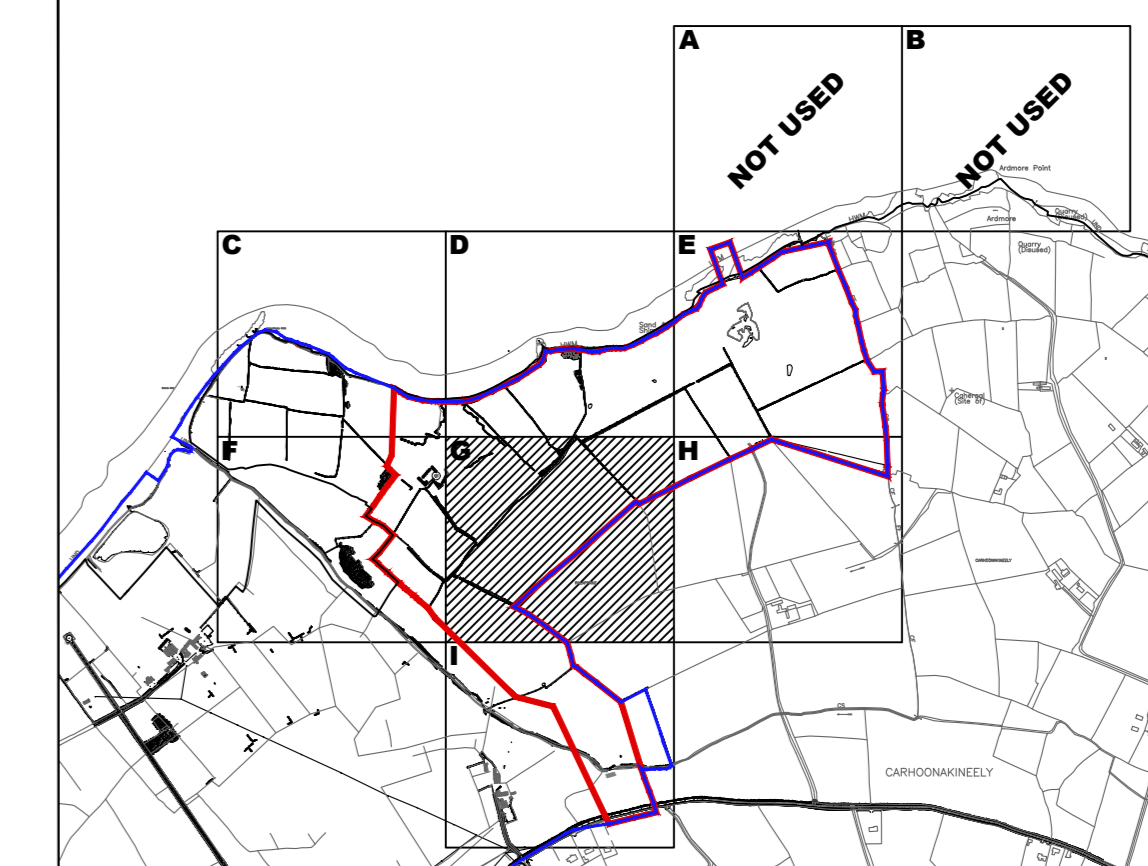
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2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING WATERCOURSE
6	EXISTING STRUCTURE
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10	EXISTING STRUCTURE, CHS 7 GUN EMPLACEMENT (DEMO)
11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)

No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

SECTOR KEYPLAN



PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
EXISTING SITE
PLAN SECTOR G

PROJECT NO.: **DWG. NO.:**
DATE: 03.04.2024 **SP110.G**
SCALE: 1:500

SCALE: SHEET SIZE: A0



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
4	EXISTING PUBLIC RIGHT OF WAY
5	EXISTING WATERCOURSE
6	EXISTING STRUCTURE
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10	EXISTING STRUCTURE, CHS 7 GUN EMPLACEMENT (DEMO)
11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)

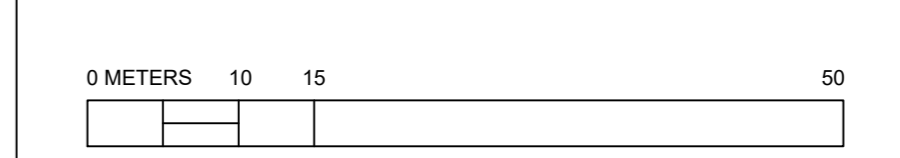
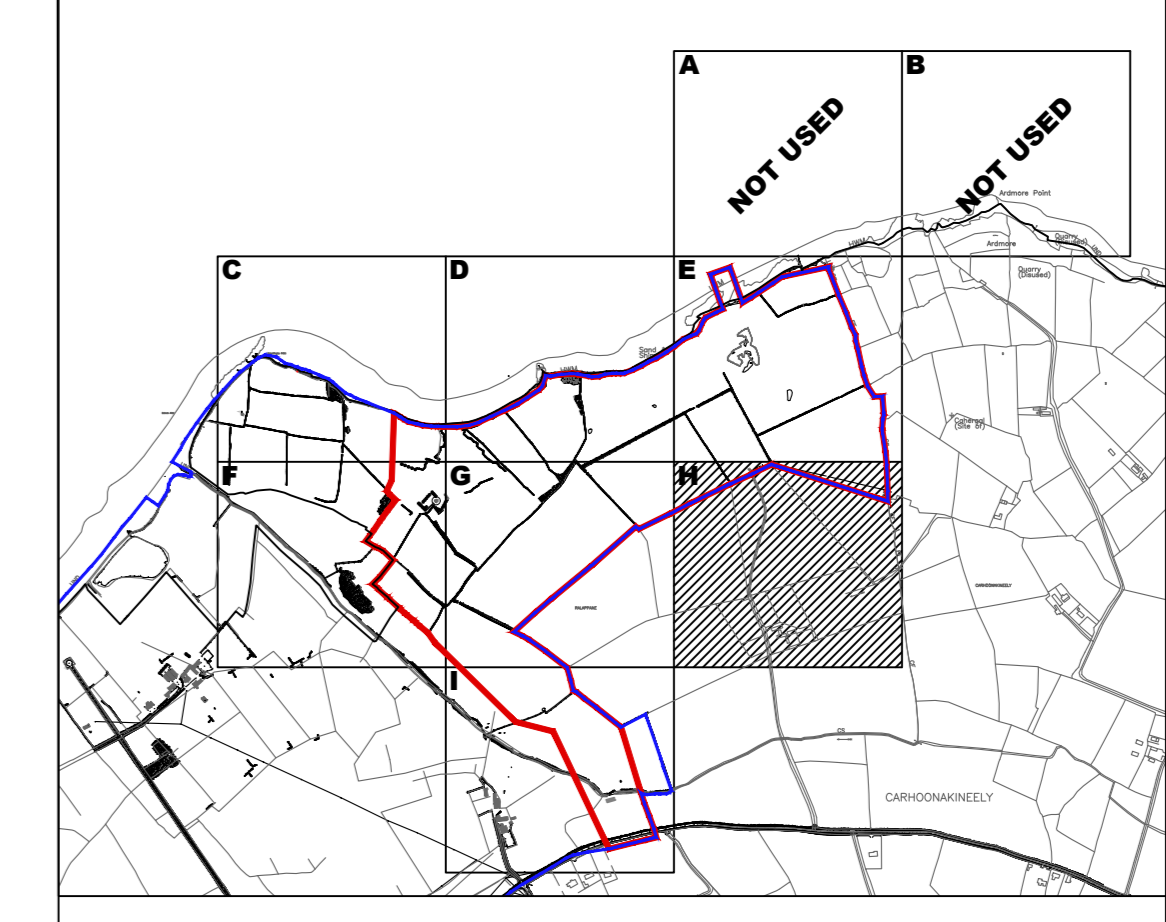


No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

SECTOR KEYPLAN

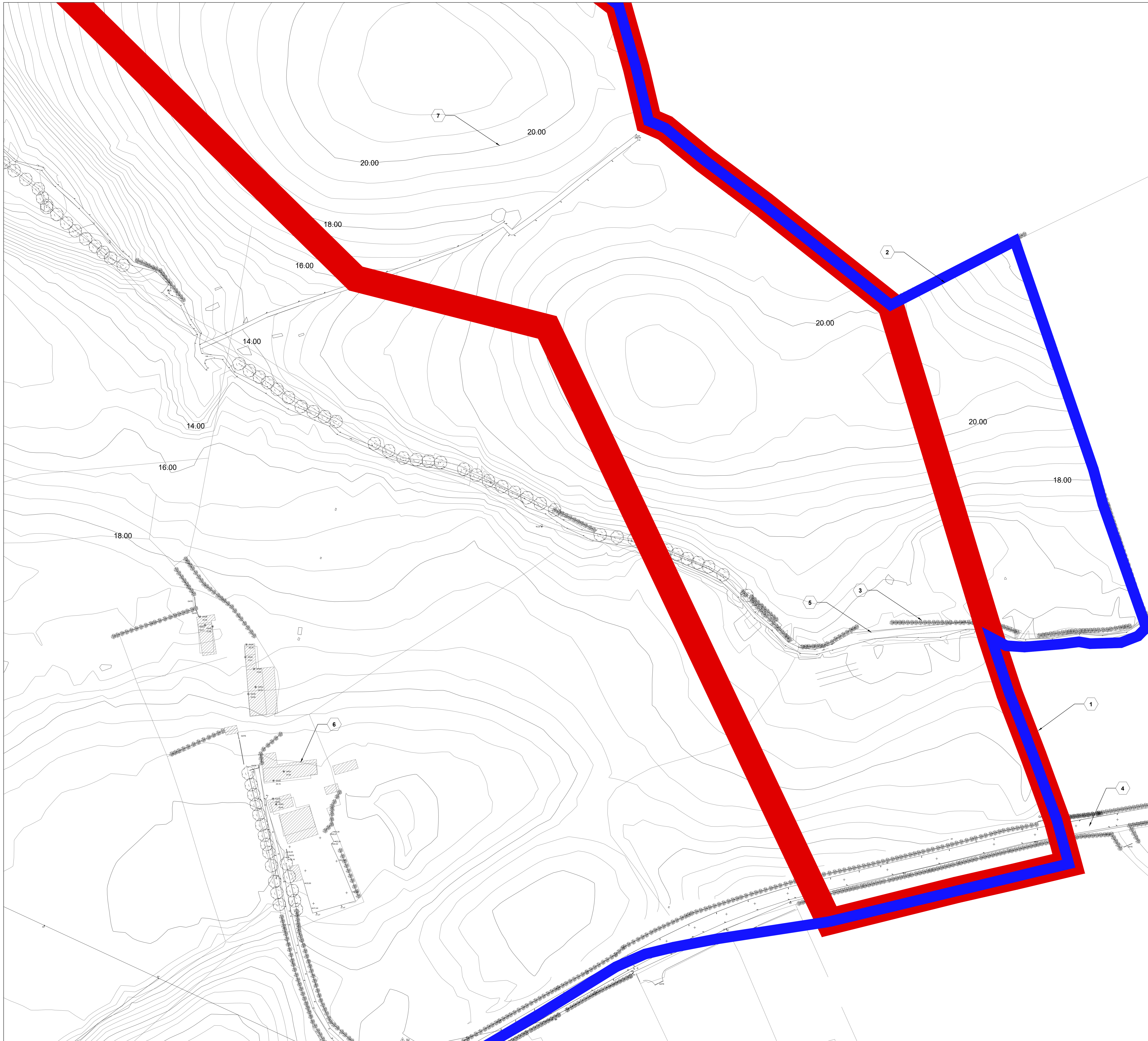


PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
EXISTING SITE
PLAN SECTOR H

PROJECT NO: **DWG. NO:**
DATE: 03.04.2024 **SP110.H**
SCALE: 1:500

SCALE: SHEET SIZE: A0



LEGEND

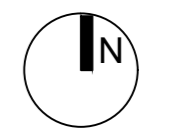
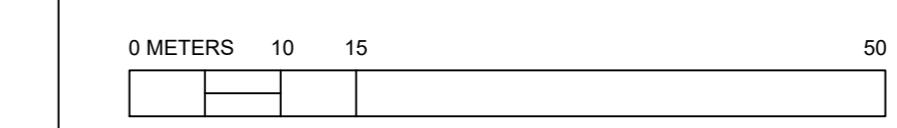
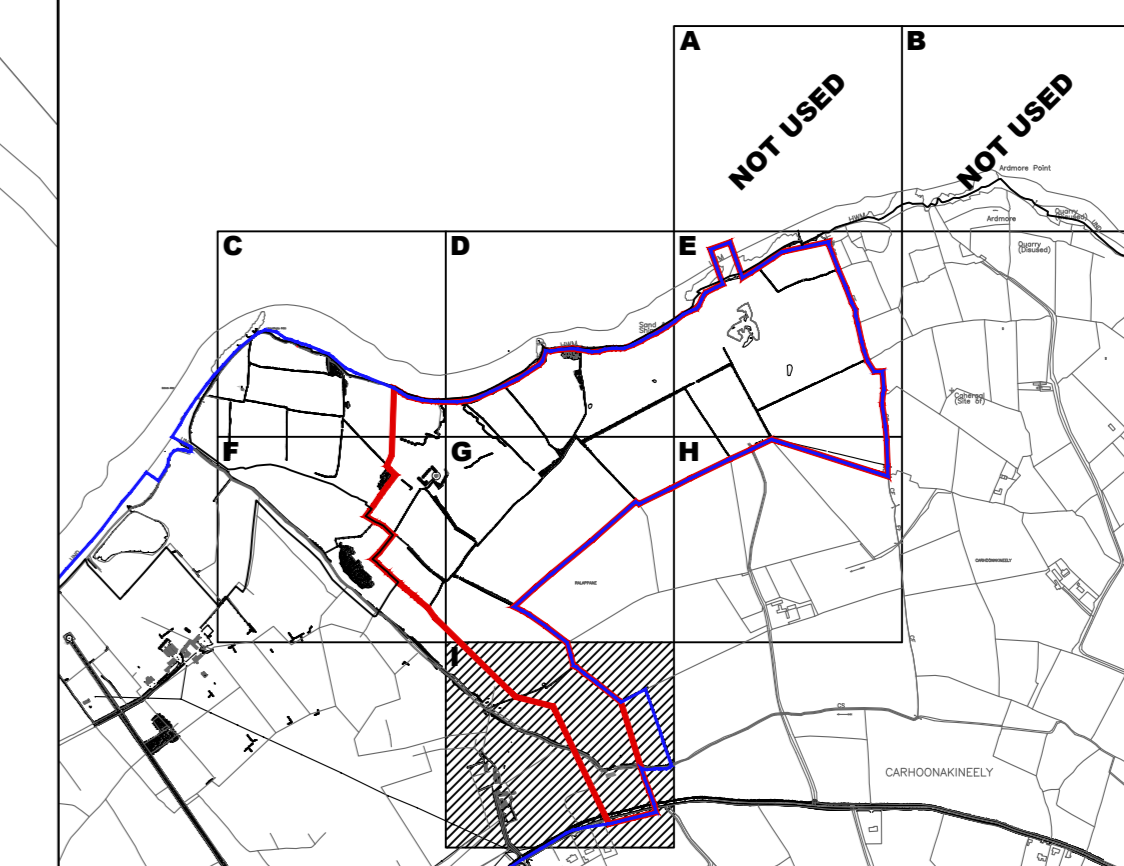
1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	EXISTING HEDGEROWS
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11	EXISTING STRUCTURE, CHS 6 WELL (DEMO)

No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03.04.2024
PROJECT ISSUANCES

**SECTOR
KEYPLAN**



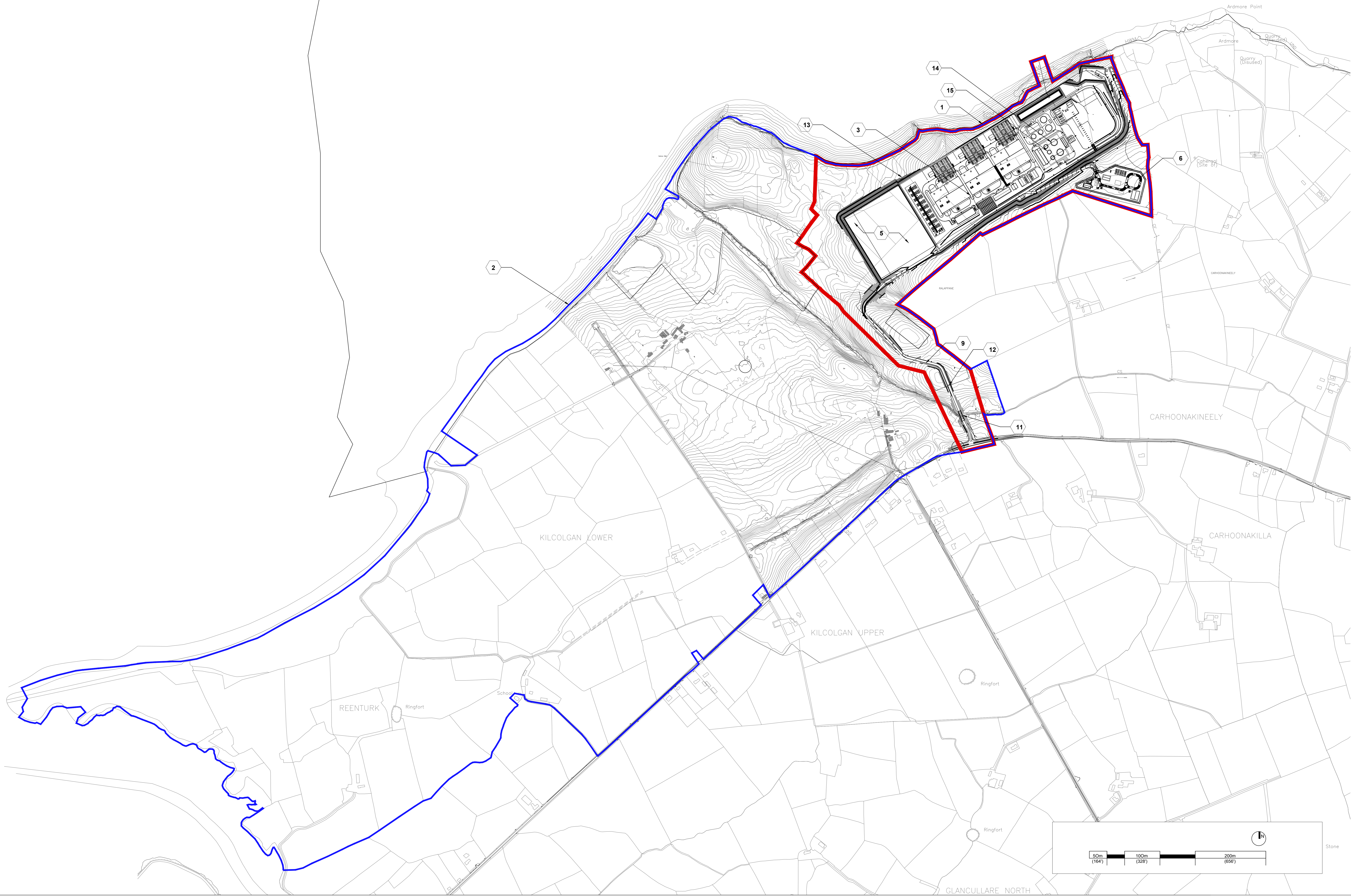
PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
EXISTING SITE
PLAN SECTOR I

PROJECT NO.: **DWG. NO.:**
DATE: 03.04.2024 **SP110.I**
SCALE: 1:500
SCALE: SHEET SIZE: A0

LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	POWER PLANT, REF. PLANT DRAWINGS FOR DETAILS
4	NOT USED
5	CONSTRUCTION LAYDOWN AREA
6	GNI PROCESSING PLANT, REF. GNI DRAWINGS FOR DETAILS
7	NOT USED
8	NOT USED
9	SITE ROADWAYS, REF. PLANT DRAWINGS FOR DETAILS
10	NOT USED
11	STREAM CROSSING, REF. PLANT DRAWINGS FOR DETAILS
12	SITE FENCING AND GATE, REF. PLANT DRAWINGS FOR DETAILS
13	REVISED GRADING, REF. PLANT DRAWINGS FOR DETAILS
14	FUEL OIL STORAGE TANK (TYPICAL OF TWO)
15	FUEL OIL STORAGE TANK (TYPICAL OF THREE)



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

PROJECT:
**SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT**

DWG. TITLE
**SITE LAYOUT
PLAN OVERALL**

PROJECT NO: **DWG. NO:**
DATE: 03/04/2024 **SP120**
SCALE: 1:4000
SCALE: **SHEET SIZE:** A0

D



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	POWER PLANT, REF. PLANT DRAWINGS FOR DETAILS
4	NOT USED
5	CONSTRUCTION LAYOUT AREA
6	IGN PROCESSING PLANT, REF. IGN DRAWINGS FOR DETAILS
7	NOT USED
8	NOT USED
9	SITE ROADWAYS, REF. PLANT DRAWINGS FOR DETAILS
10	NOT USED
11	STREAM CROSSING, REF. PLANT DRAWINGS FOR DETAILS
12	SITE FENCING AND GATE, REF. PLANT DRAWINGS FOR DETAILS
13	REVERSE GRADING, REF. PLANT DRAWINGS FOR DETAILS
14	FUEL OIL STORAGE TANK (TYPICAL OF TWO)
15	FUEL OIL STORAGE DAY TANK (TYPICAL OF THREE)



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**

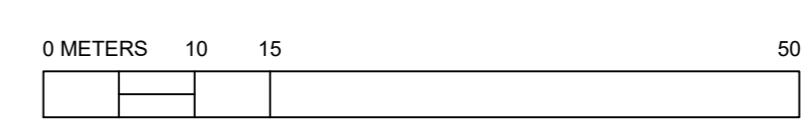
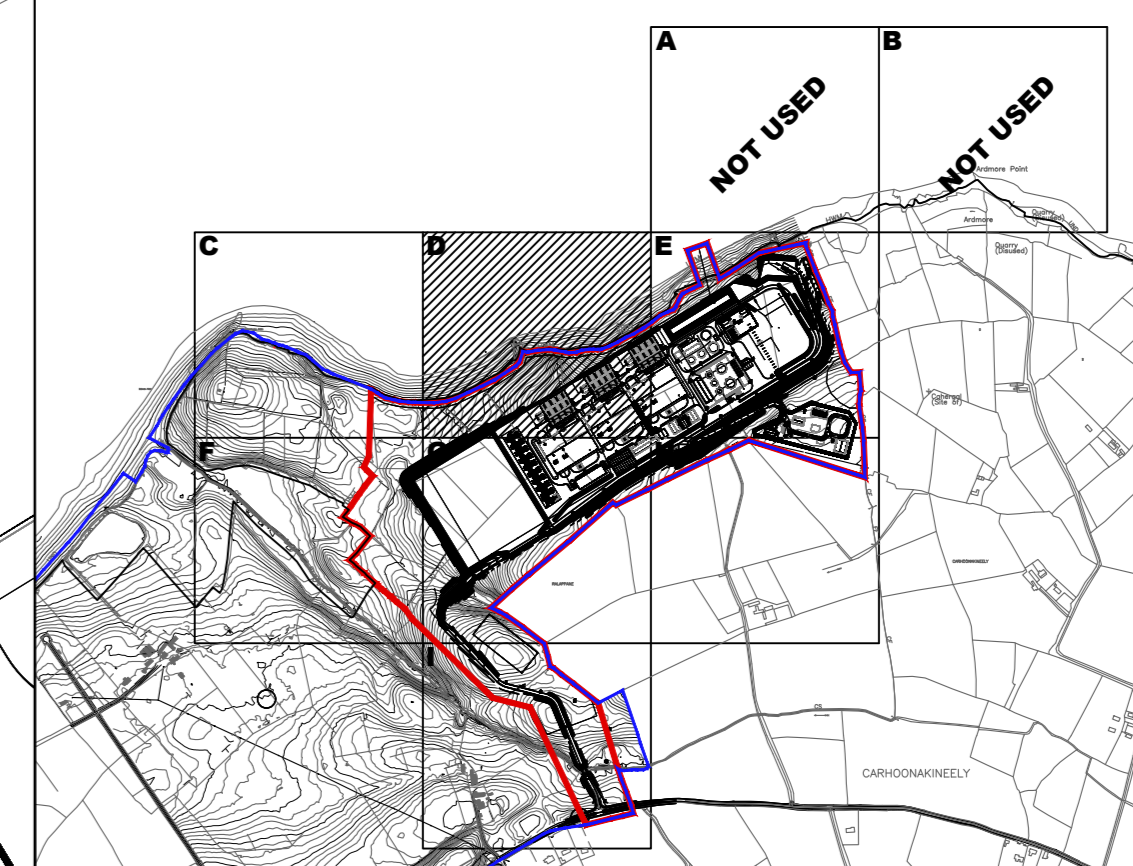


No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

**SECTOR
KEYPLAN**

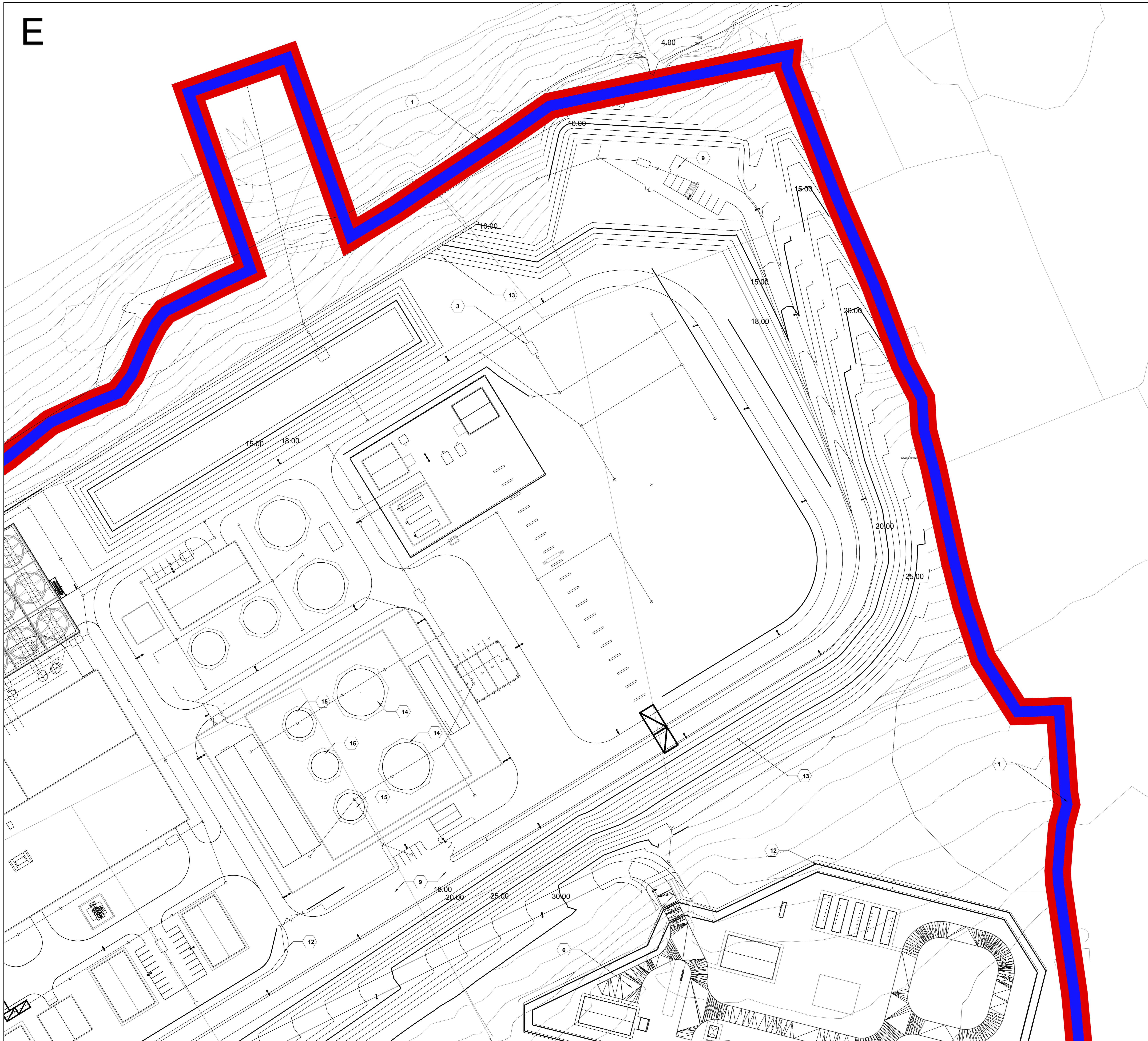


PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR D

PROJECT NO.: **DWG. NO.:**
DATE: 03.04.2024 **SP120.D**
SCALE: 1:500
SCALE: SHEET SIZE: A0

E



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	POWER PLANT, REF. PLANT DRAWINGS FOR DETAILS
4	NOT USED
5	CONSTRUCTION LAYOUT AREA
6	IGNI PROCESSING PLANT, REF. IGNI DRAWINGS FOR DETAILS
7	NOT USED
8	NOT USED
9	SITE ROADWAYS, REF. PLANT DRAWINGS FOR DETAILS
10	NOT USED
11	STREAM CROSSING, REF. PLANT DRAWINGS FOR DETAILS
12	SITE FENCING AND GATE, REF. PLANT DRAWINGS FOR DETAILS
13	REVISED GRADING, REF. PLANT DRAWINGS FOR DETAILS
14	FUEL OIL STORAGE TANK (TYPICAL OF TWO)
15	FUEL OIL STORAGE DAY TANK (TYPICAL OF THREE)



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**

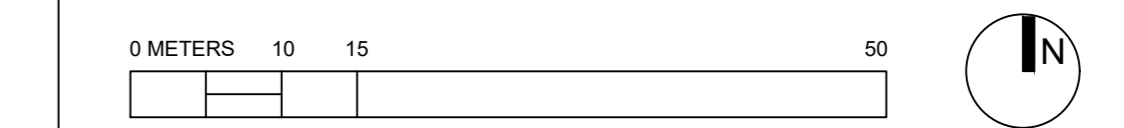
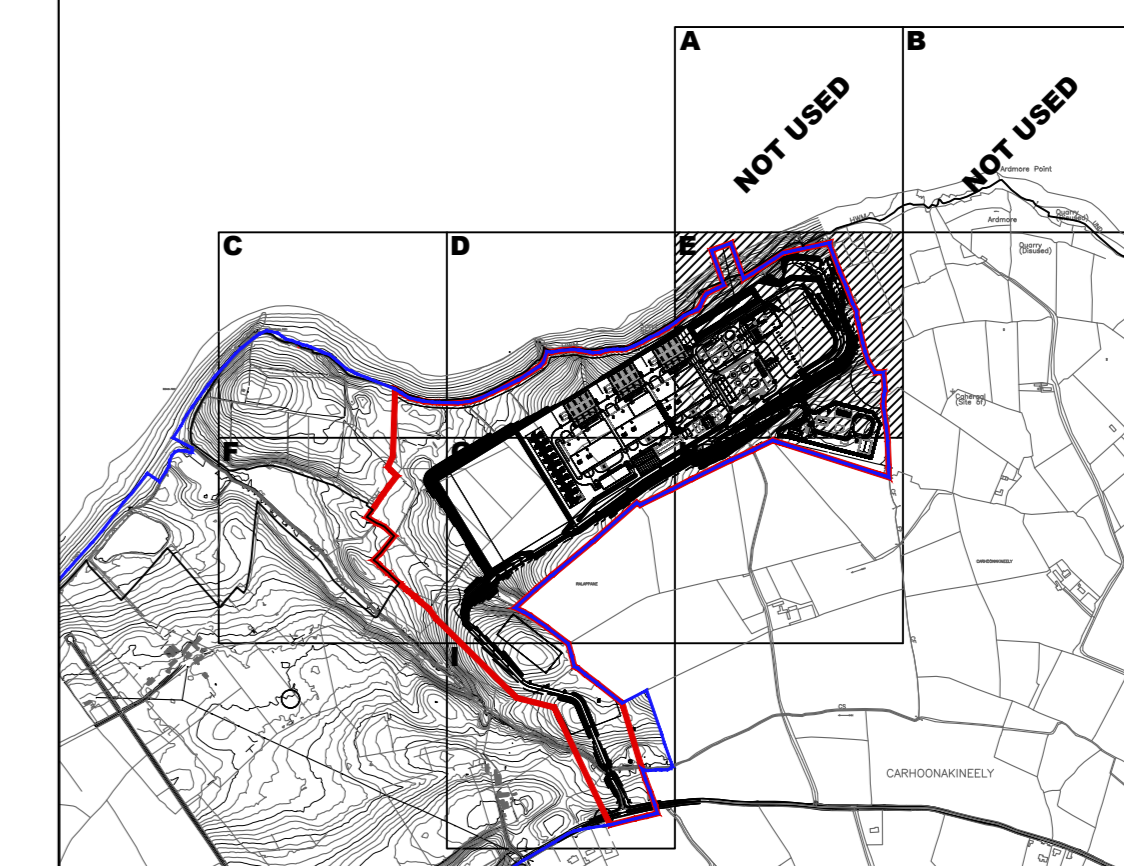


No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

**SECTOR
KEYPLAN**

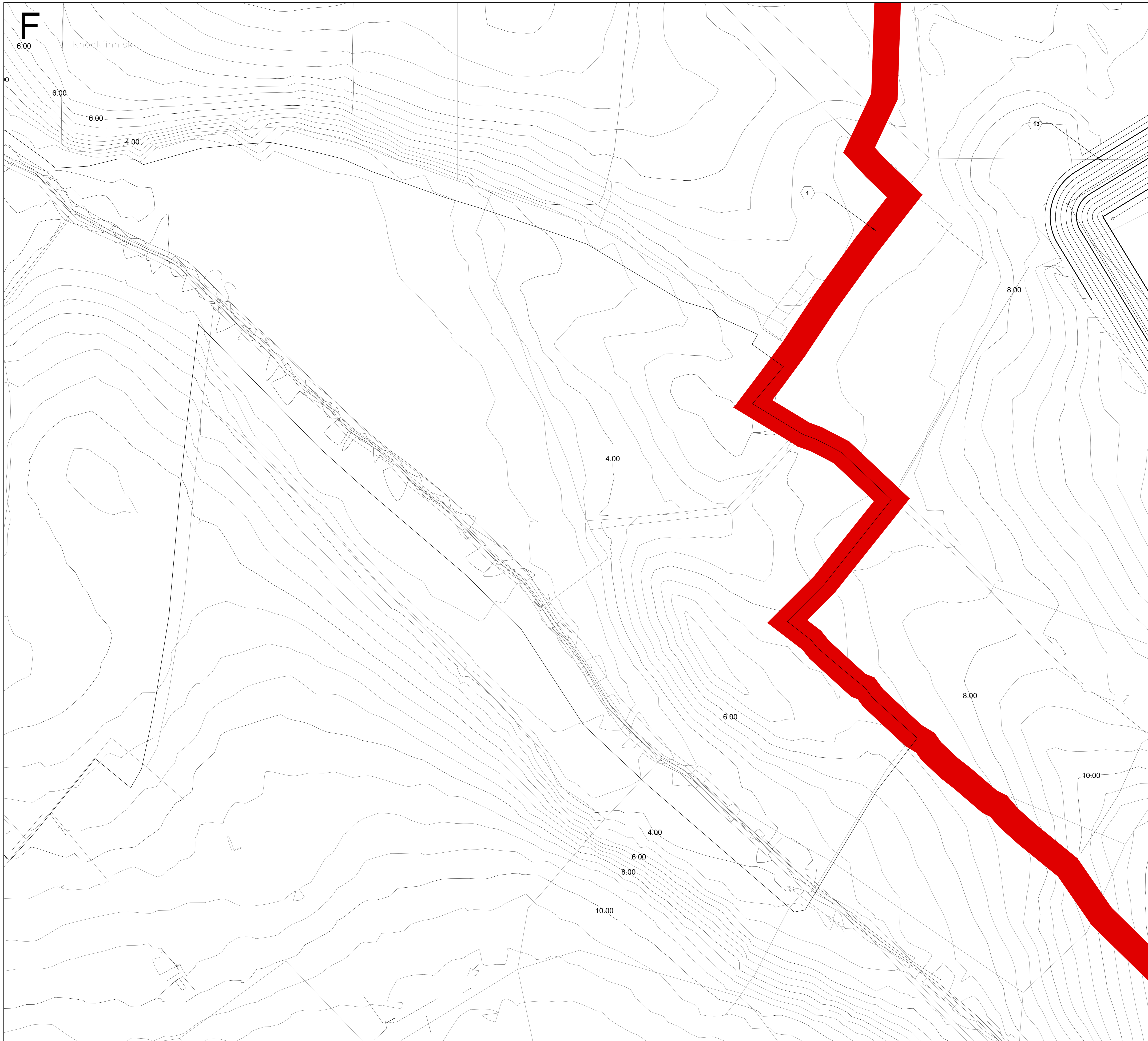


PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR E

PROJECT NO: **DWG. NO:**
DATE: 03/04/2024 **SP120.E**
SCALE: 1:500

SCALE: SHEET SIZE: A0



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	POWER PLANT, REF. PLANT DRAWINGS FOR DETAILS
4	NOT USED
5	CONSTRUCTION LAYOUT AREA
6	IGN PROCESSING PLANT, REF. IGN DRAWINGS FOR DETAILS
7	NOT USED
8	NOT USED
9	SITE ROADWAYS, REF. PLANT DRAWINGS FOR DETAILS
10	NOT USED
11	STREAM CROSSING, REF. PLANT DRAWINGS FOR DETAILS
12	SITE FENCING AND GATE, REF. PLANT DRAWINGS FOR DETAILS
13	REVISED GRADING, REF. PLANT DRAWINGS FOR DETAILS
14	FUEL OIL STORAGE TANK (TYPICAL OF TWO)
15	FUEL OIL STORAGE DAY TANK (TYPICAL OF THREE)



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**

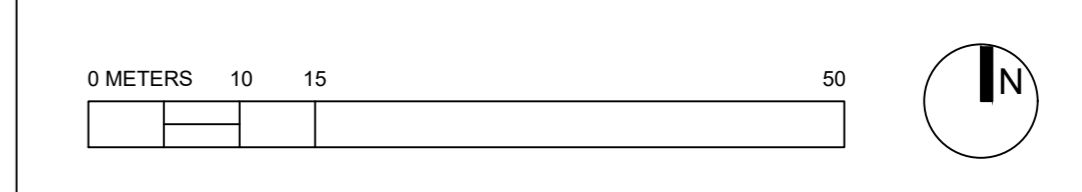
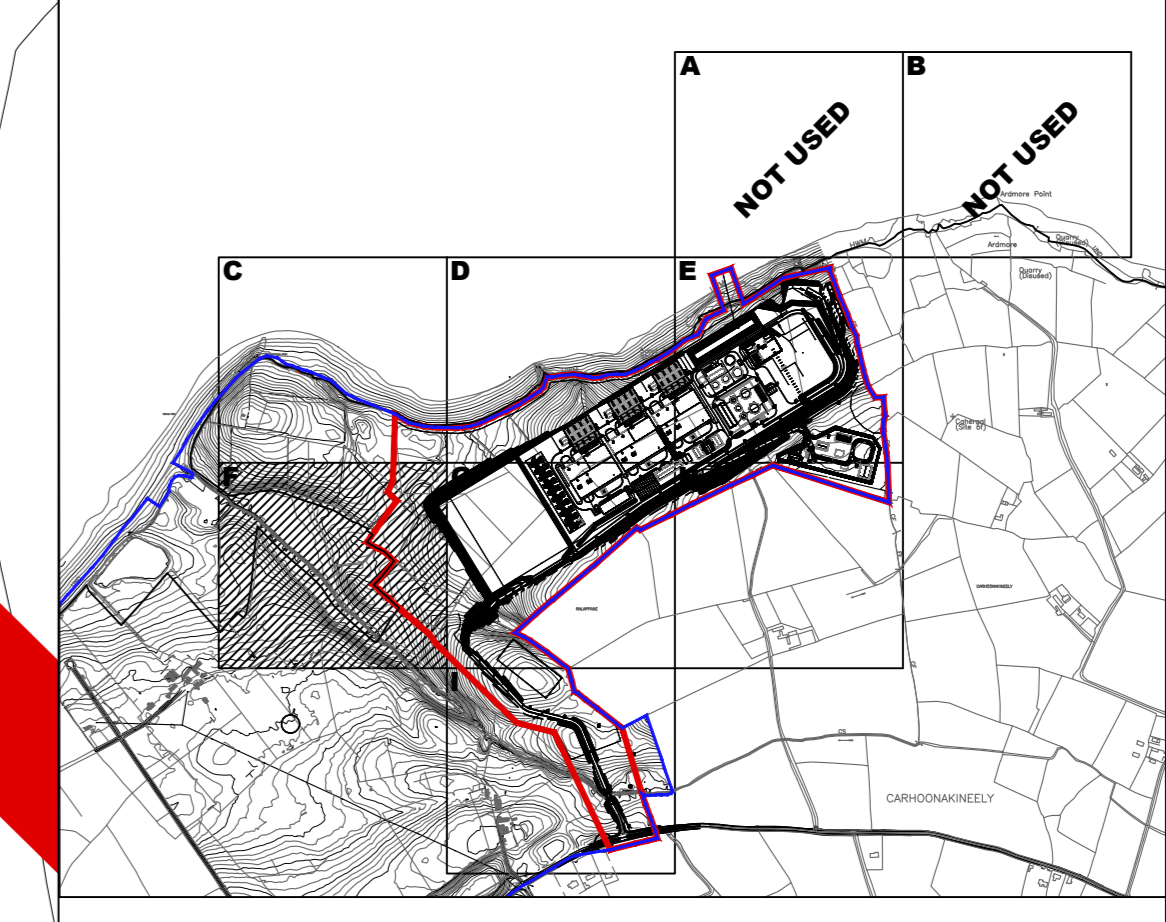


No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING 03/04/2024
PROJECT ISSUANCES

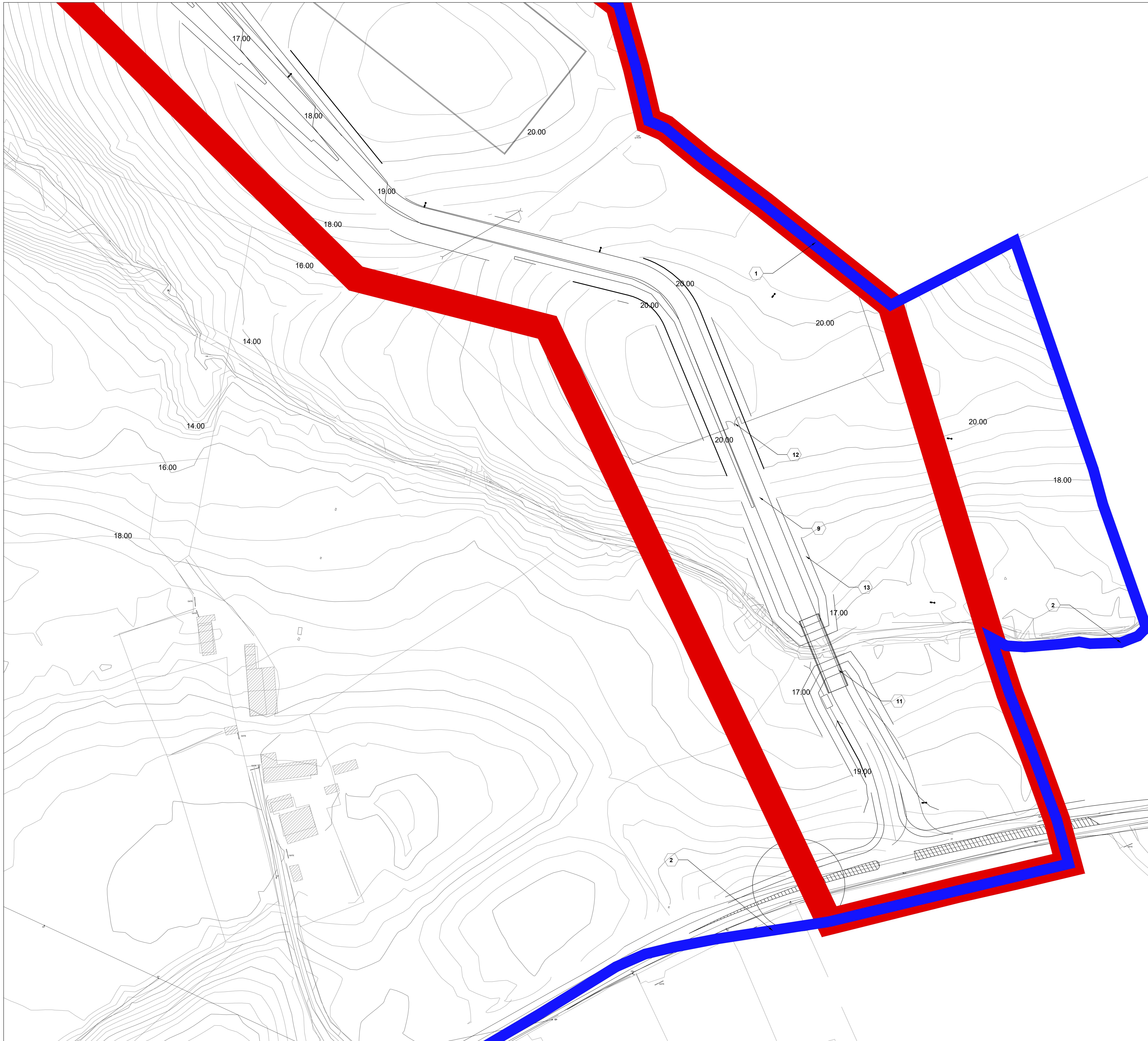
**SECTOR
KEYPLAN**



PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR F

PROJECT NO: DWG. NO:
DATE: 03/04/2024 **SP120.F**
SCALE: 1:500
SCALE: SHEET SIZE: A0



LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	POWER PLANT, REF. PLANT DRAWINGS FOR DETAILS
4	NOT USED
5	CONSTRUCTION LAYOUT AREA
6	IGNI PROCESSING PLANT, REF. IGNI DRAWINGS FOR DETAILS
7	NOT USED
8	NOT USED
9	SITE ROADWAYS, REF. PLANT DRAWINGS FOR DETAILS
10	NOT USED
11	STREAM CROSSING, REF. PLANT DRAWINGS FOR DETAILS
12	SITE FENCING AND GATE, REF. PLANT DRAWINGS FOR DETAILS
13	REVERSED GRADING, REF. PLANT DRAWINGS FOR DETAILS
14	FUEL OIL STORAGE TANK (TYPICAL OF TWO)
15	FUEL OIL STORAGE DAY TANK (TYPICAL OF THREE)

SECTOR KEYPLAN

0 METERS 10 15 50

BLACK & VEATCH

moftatt & nichol

SHEEHAN NAGLE HARTRAY ARCHITECTS

02 Landscape Architecture
Masterplanning
Environmental Design

MINNEAPOLIS | CHICAGO

No.	Description	Date

SHEET REVISIONS

No.	Description	Date

ISSUED FOR PLANNING 03/04/2024

PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POWER PLANT

DWG. TITLE:
SITE LAYOUT
PLAN SECTOR I

PROJECT NO.: **DWG. NO.:**
DATE: 03/04/2024 **SP120.1**

SCALE: 1:500 SHEET SIZE: A0

LEGEND

1	PLANNING BOUNDARY (RED LINE)
2	SITE BOUNDARY (BLUE LINE)
3	POWER PLANT, REF. GNI DRAWINGS FOR DETAILS
4	NOT USED
5	CONSTRUCTION LAYDOWN AREA
6	GNI PROCESSING PLANT, REF. GNI DRAWINGS FOR DETAILS
7	NOT USED
8	4.0 M INNER ELECTRIC WIRE FENCE
9	2.9 M OUTER FENCE
10	RETAIN EXISTING VEGETATION +4-5-10M EITHER SIDE OF THE STREAM
11	FUEL OIL STORAGE TANK (TYPICAL OF TWO)
12	FUEL OIL STORAGE DAY TANK (TYPICAL OF THREE)

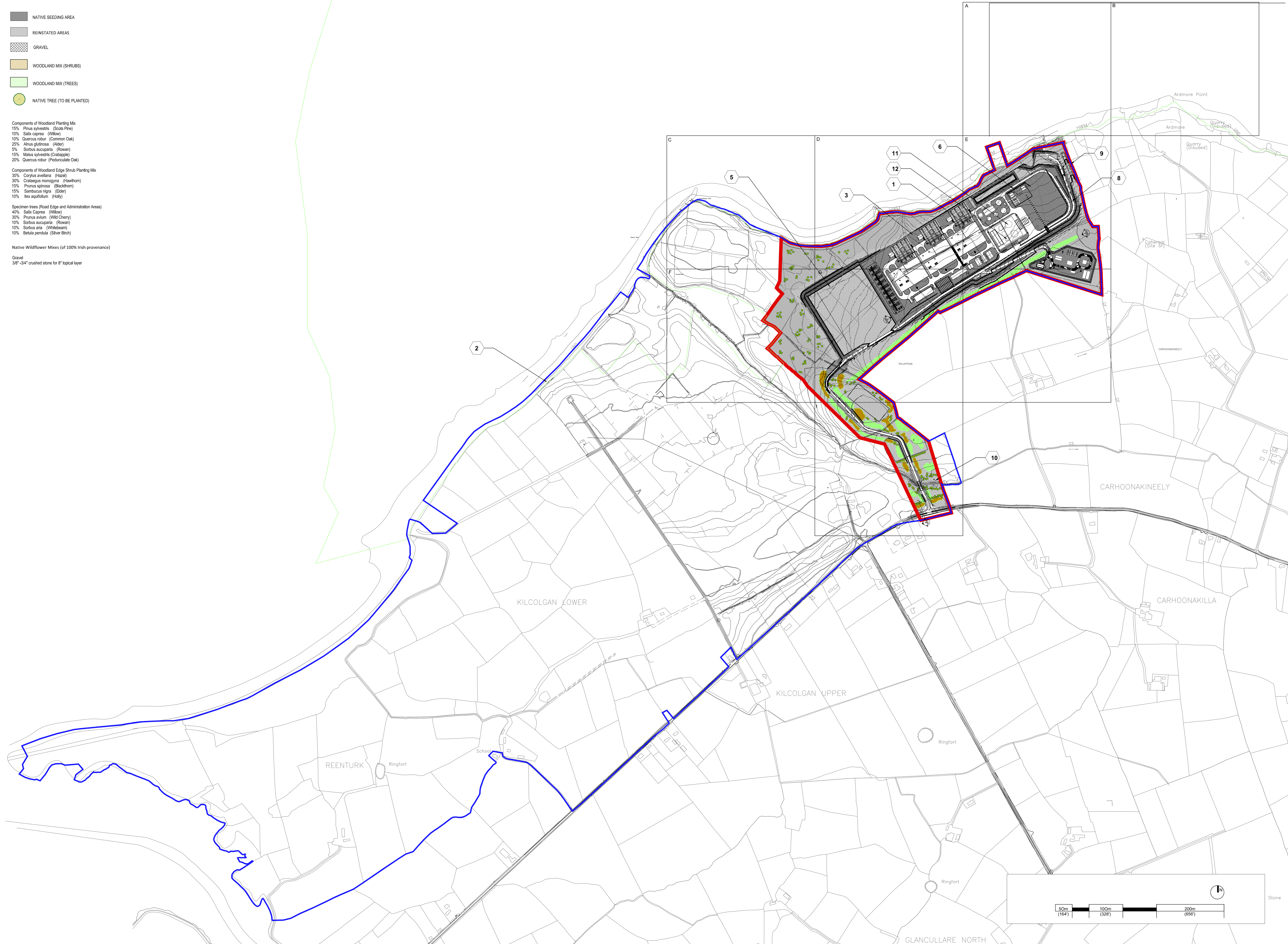
- NATIVE SEEDING AREA
- REINSTATED AREAS
- GRAVEL
- WOODLAND MIX (SHRUBS)
- WOODLAND MIX (TREES)
- NATIVE TREE (TO BE PLANTED)

Components of Woodland Planting Mix
 15% Pinus sylvestris (Scots Pine)
 10% Salix caprea (Willow)
 10% Quercus robur (Common Oak)
 25% Alnus glutinosa (Alder)
 5% Sorbus aucuparia (Rowan)
 15% Malus sylvestris (Crabapple)
 25% Quercus robur (Pedunculata Oak)

Components of Woodland Edge Shrub Planting Mix
 30% Corylus avellana (Hazel)
 30% Crataegus monogyna (Hawthorn)
 15% Prunus spinosa (Blackthorn)
 15% Sambucus nigra (Elder)
 10% Ilex aquifolium (Holly)

Specimen Trees (Road Edge and Administration Areas)
 40% Salix caprea (Willow)
 30% Prunus avium (Wild Cherry)
 10% Sorbus aucuparia (Rowan)
 10% Sorbus aria (Whitebeam)
 10% Betula pendula (Silver Birch)

Native Wildflower Mixes (of 100% Irish provenance)
 Gravel
 3/4" - 3/8" crushed stone for 8" typical layer



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

PROJECT:
**SHANNON TECHNOLOGY
 AND ENERGY PARK (STEP)
 POWER PLANT**

DWG. TITLE
**SITE LAYOUT
 PLAN OVERALL**

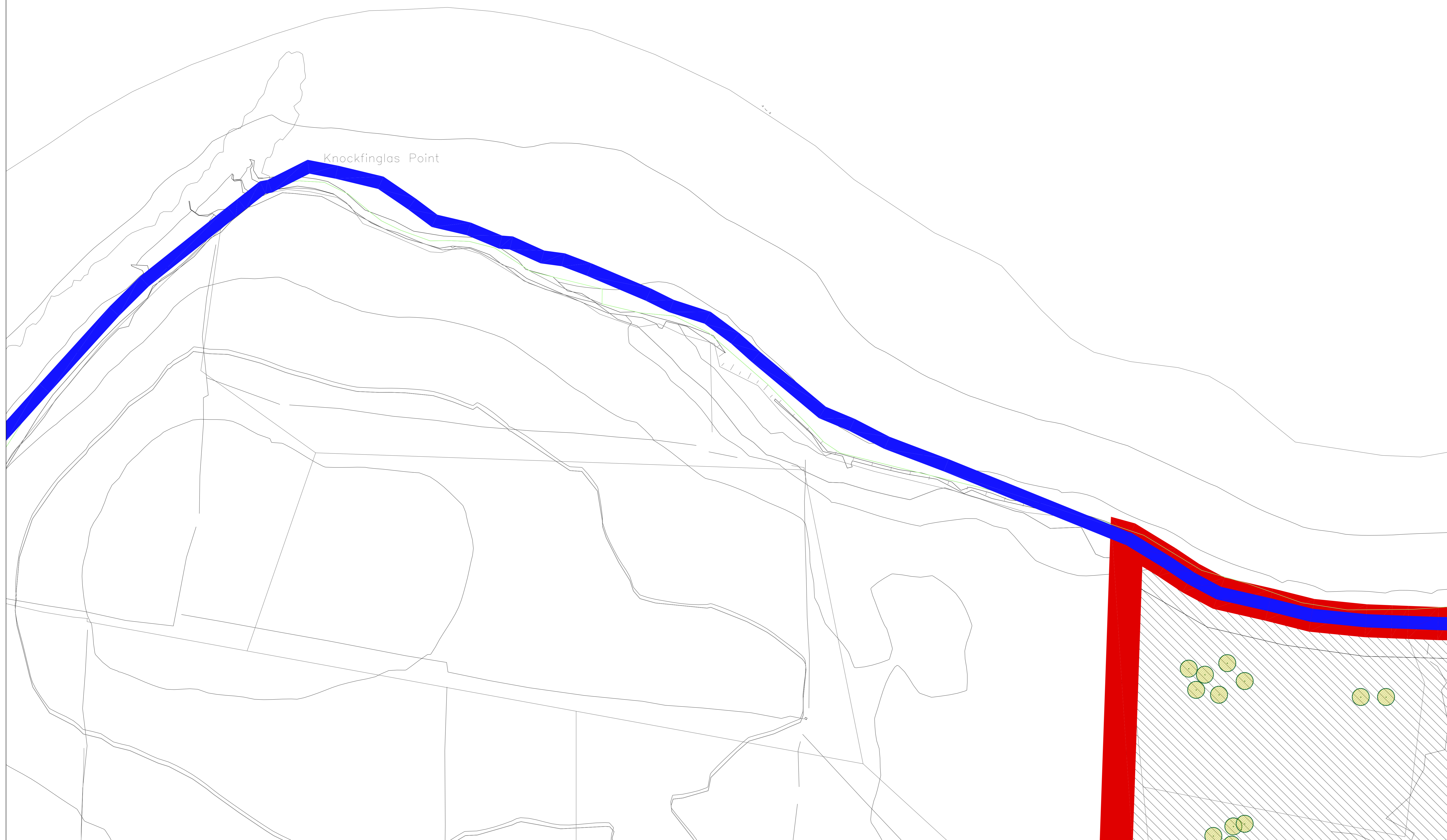
PROJECT NO: 12345
 DATE: 03/04/2024
 SCALE: 1:4000

DWG. NO:
SP130

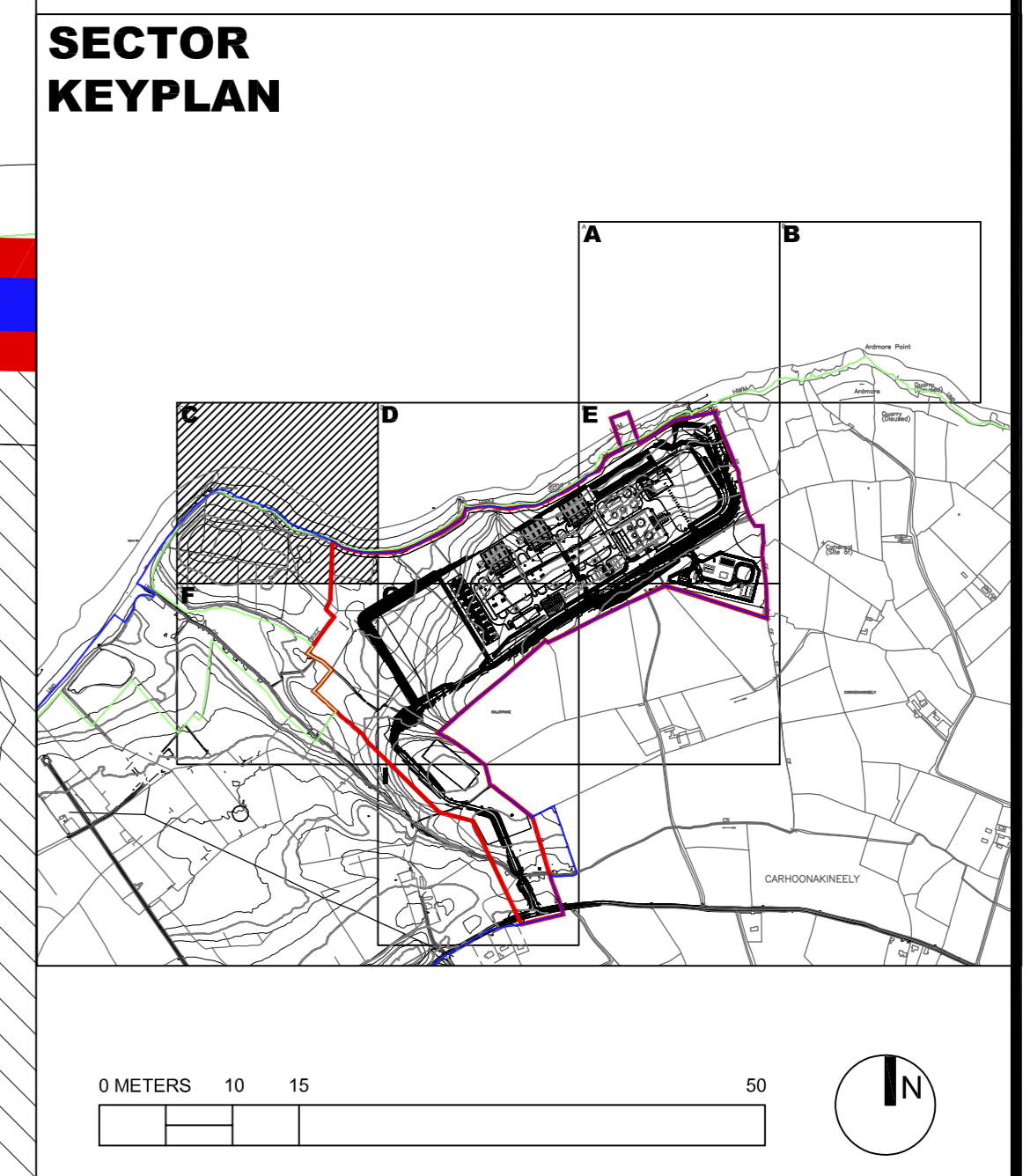
SCALE: Scale as Noted

SHEET SIZE: A0

C



- LEGEND**
- NATIVE SEEDING AREA
 - RESTATED AREA
 - GRAVEL
 - WOODLAND MIX (SHRUBS)
 - WOODLAND MIX (TREES)
 - NATIVE TREE (TO BE PLANTED)



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

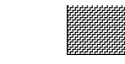





PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

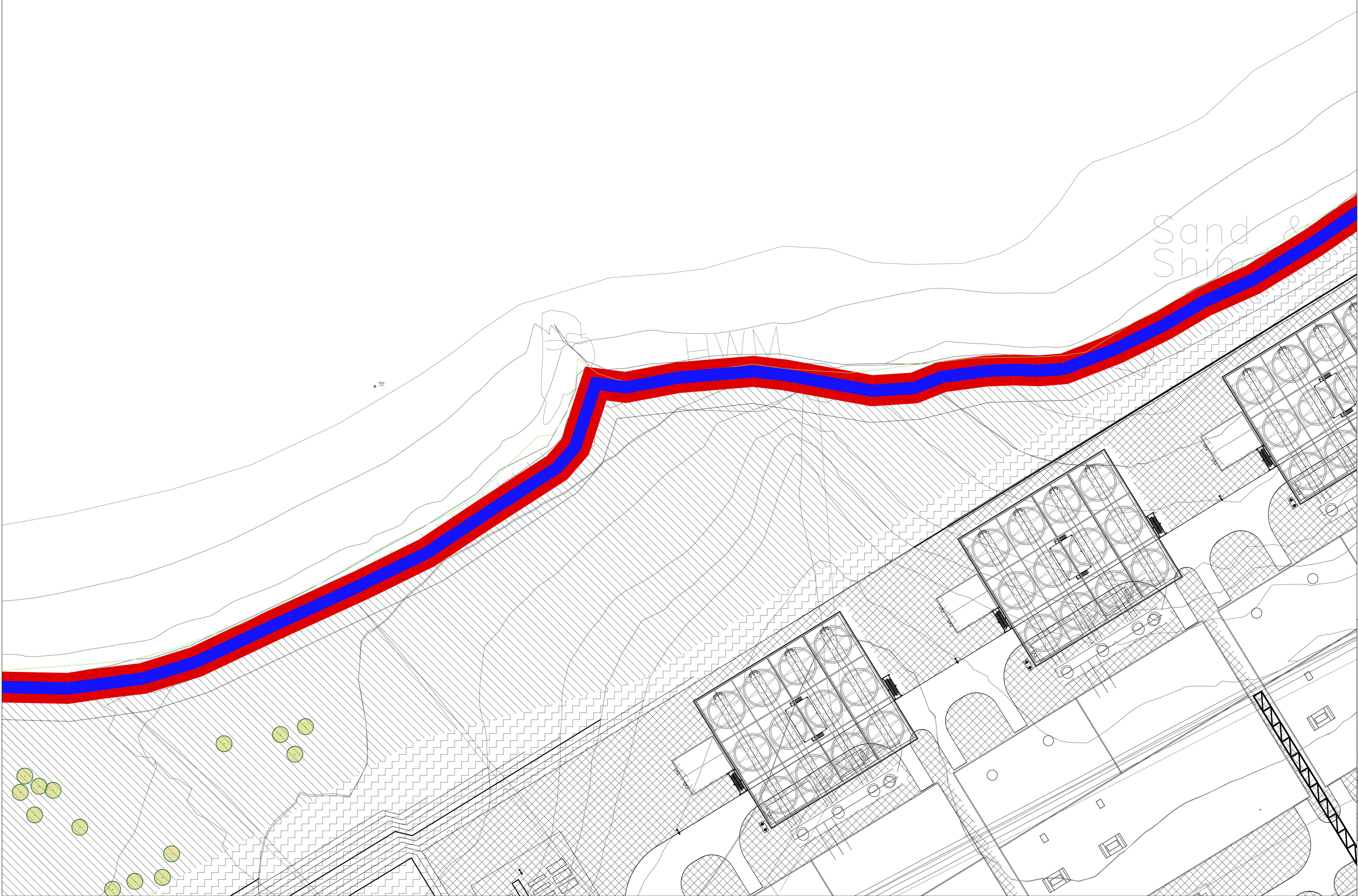
DWG. TITLE
SITE LAYOUT
PLAN SECTOR C

PROJECT NO: 12345 DWG. NO:
DATE: 03/04/2024 **SP130.C**
SCALE: 1:500 SHEET SIZE: A0
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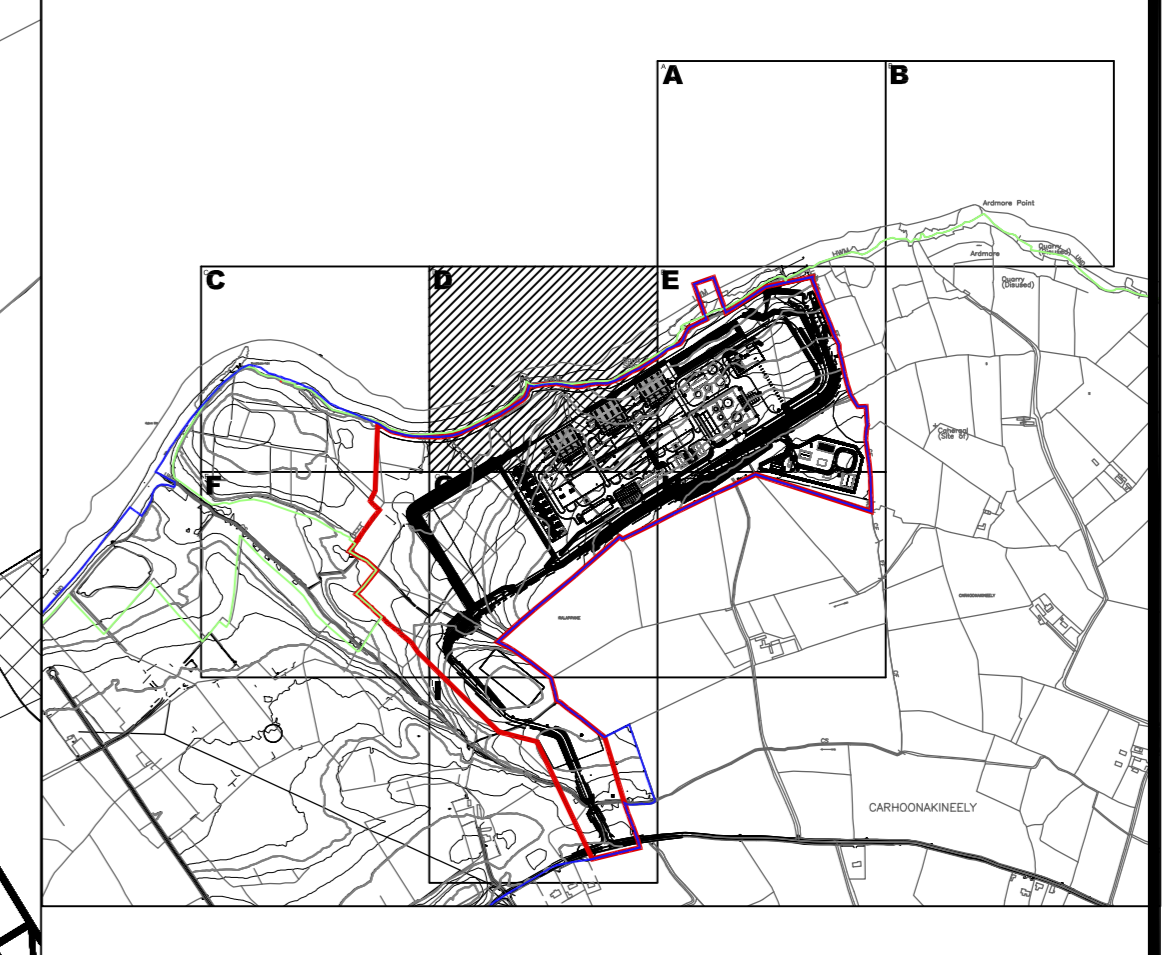
D

LEGEND

-  NATIVE SEEDING AREA
-  RENSTATED AREA
-  GRAVEL
-  WOODLAND MIX (SHRUBS)
-  WOODLAND MIX (TREES)
-  NATIVE TREE (TO BE PLANTED)



SECTOR KEYPLAN



No.	Description	Date

SHEET REVISIONS

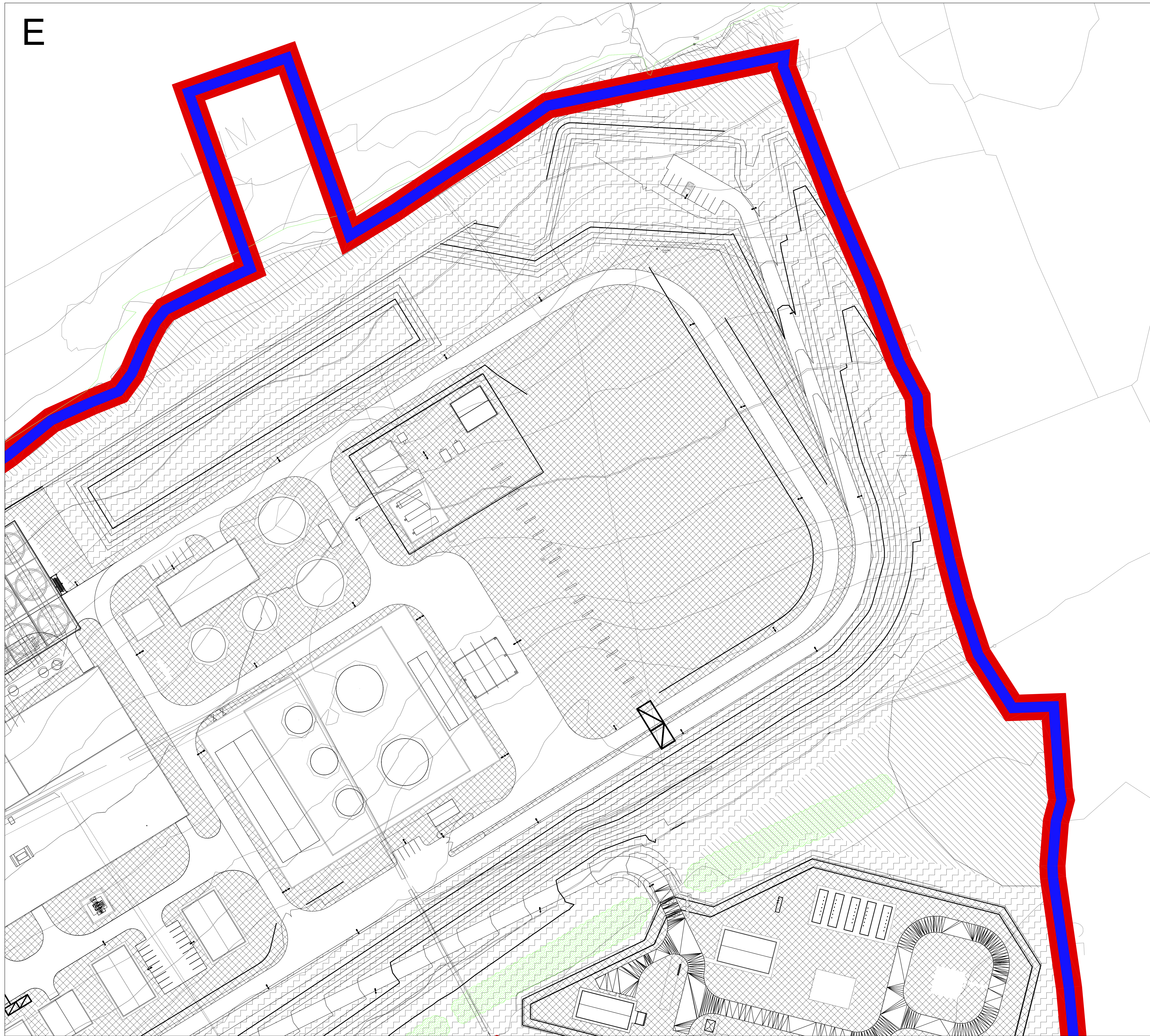
ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

PROJECT:
 SHANNON TECHNOLOGY
 AND ENERGY PARK (STEP)
 POWER PLANT

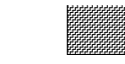





DWG. TITLE
 SITE LAYOUT
 PLAN SECTOR D

PROJECT NO: 12345 DWG. NO:
 DATE: 03/04/2024 **SP130.D**
 SCALE: 1:500 SHEET SIZE: A0
 SCALE: Scale as Noted

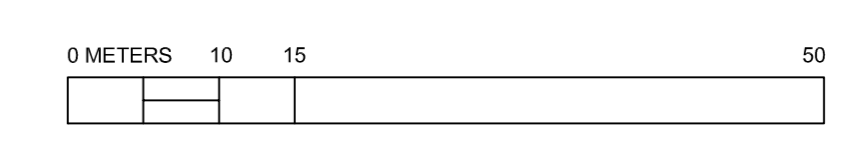
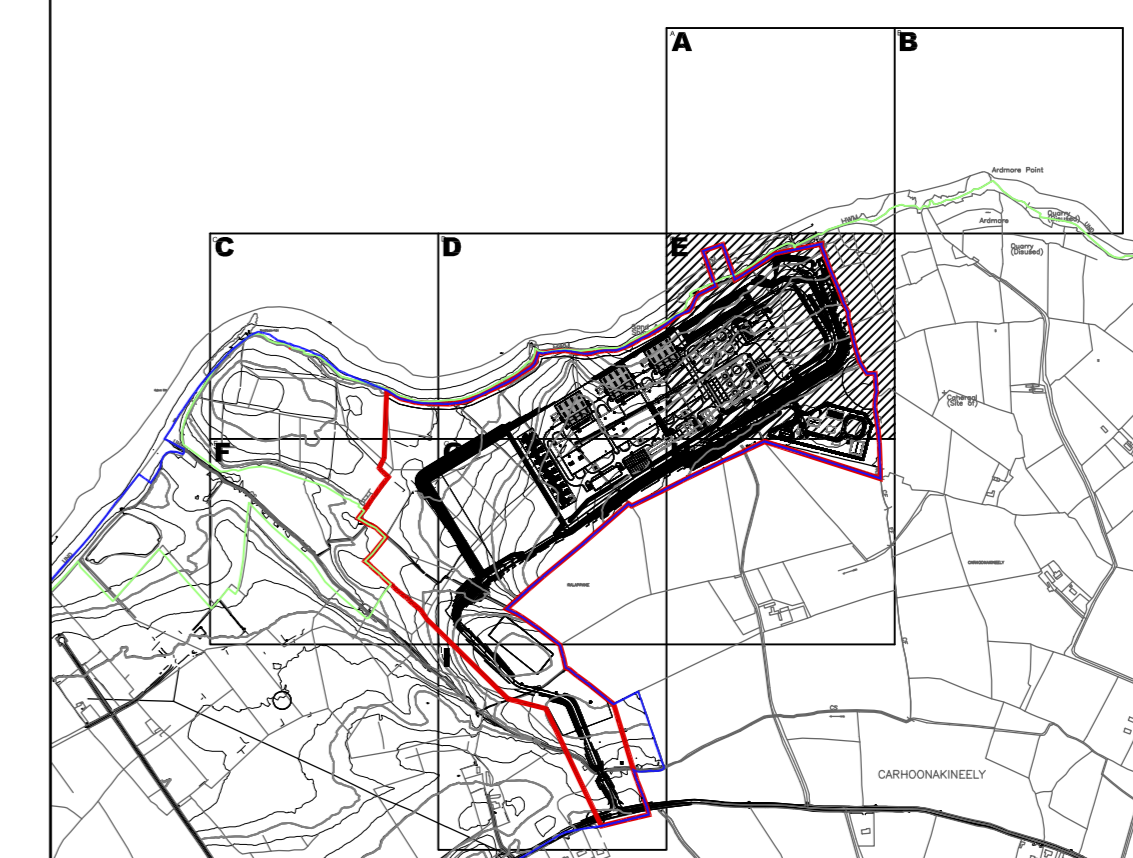
E



LEGEND

-  NATIVE SEEDING AREA
-  RESTATED AREA
-  GRAVEL
-  WOODLAND MIX (SHRUBS)
-  WOODLAND MIX (TREES)
-  NATIVE TREE (TO BE PLANTED)

SECTOR KEYPLAN



**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**



No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

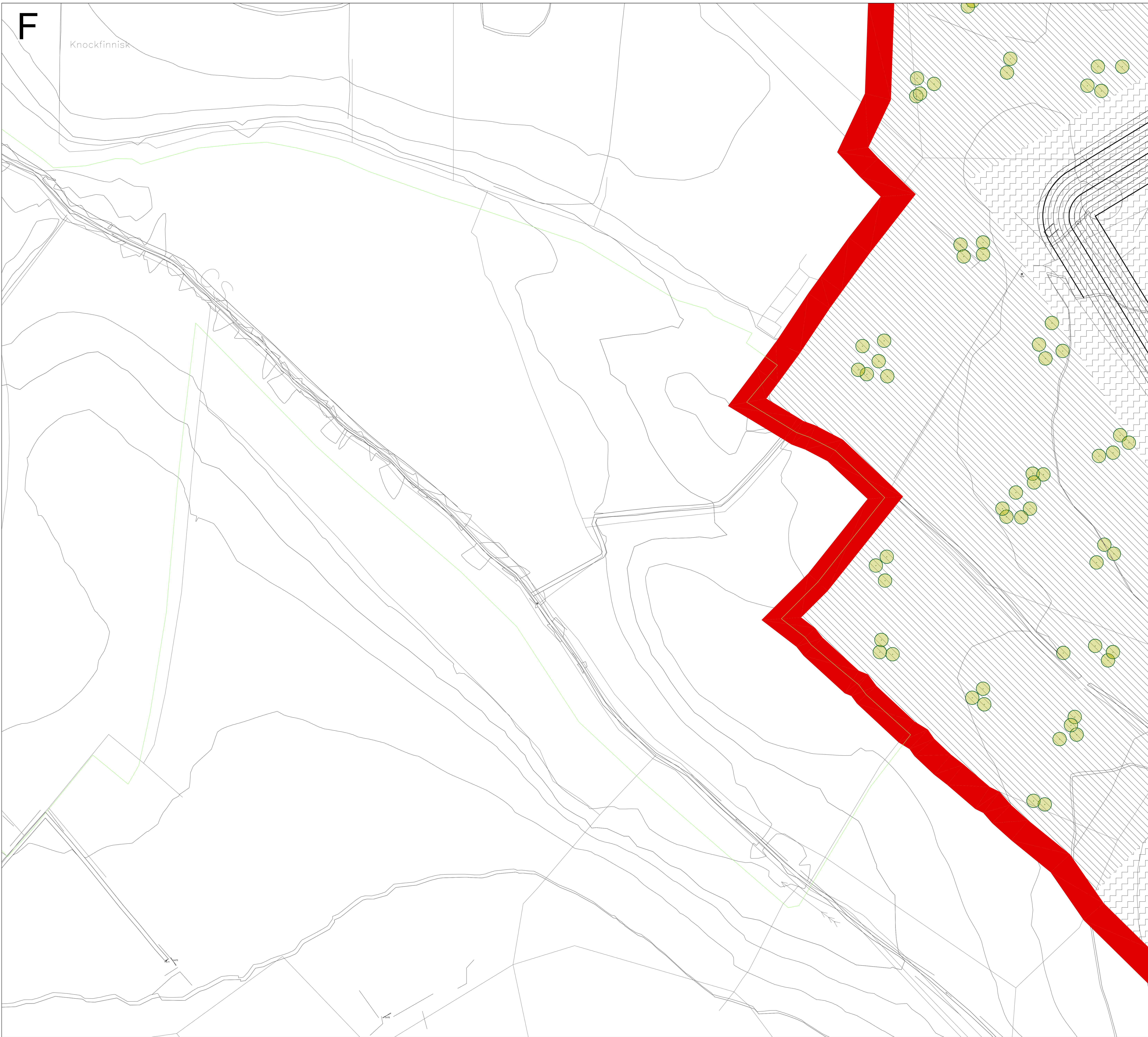
PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR E

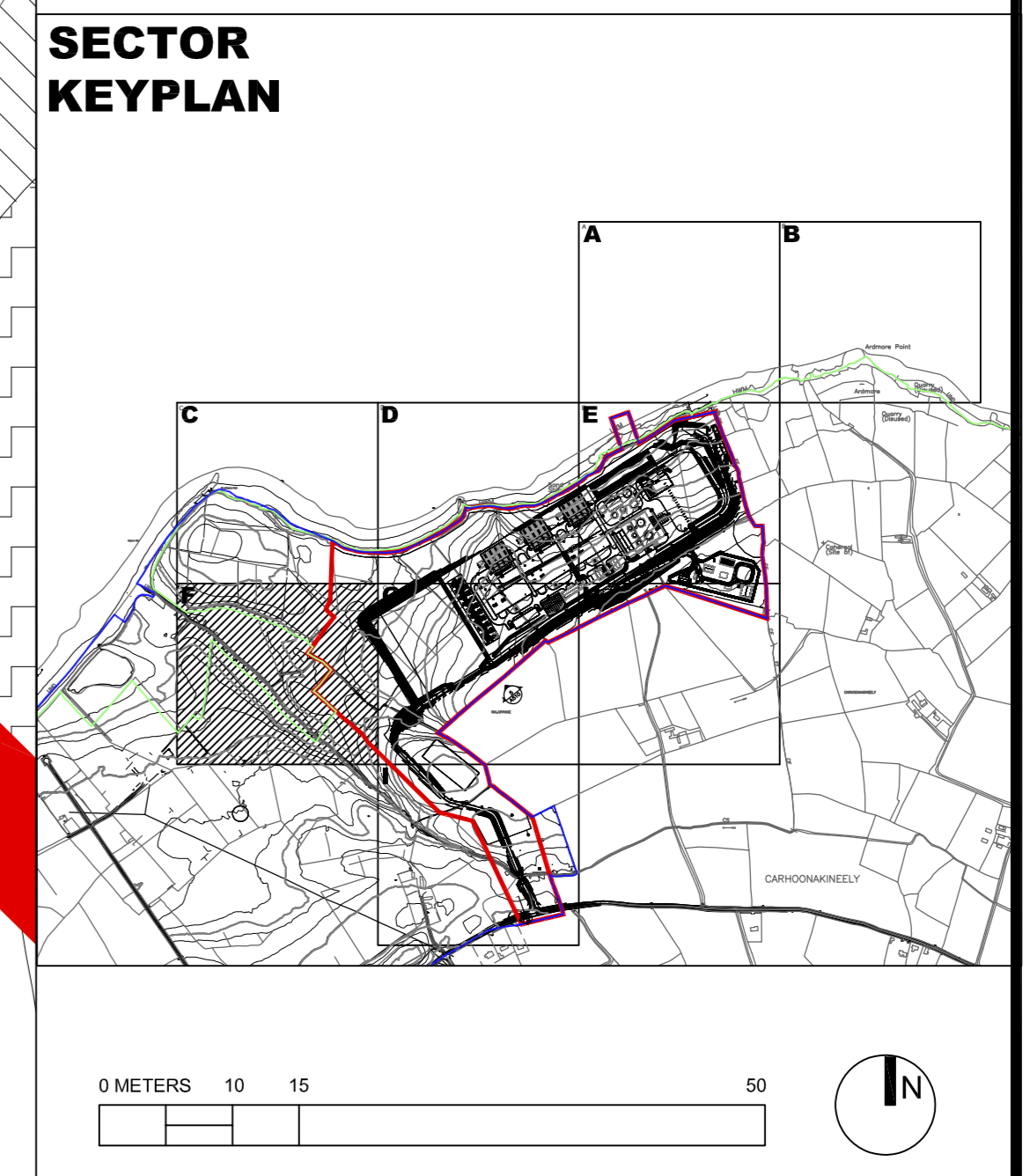
PROJECT NO: 12345
DATE: 03/04/2024
SCALE: 1:500

DWG. NO:
SP130.E

SCALE: Scale as Noted
SHEET SIZE: A0



- LEGEND**
- NATIVE SEEDING AREA
 - RENSTATED AREA
 - GRAVEL
 - WOODLAND MIX (SHRUBS)
 - WOODLAND MIX (TREES)
 - NATIVE TREE (TO BE PLANTED)



BLACK & VEATCH

moftatt & nichol

**SHEEHAN
NAGLE
HARTRAY
ARCHITECTS**

2
Landscape Architecture
Masterplanning
Environmental Design
MINNEAPOLIS | CHICAGO

No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024

PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR F

PROJECT NO: 12345 DWG. NO:
DATE: 03/04/2024 SP130.F
SCALE: 1:500 SHEET SIZE: A0
SCALE: Scale as Noted



LEGEND

- NATIVE SEEDING AREA
- RENSTATED AREA
- GRAVEL
- WOODLAND MIX (SHRUBS)
- WOODLAND MIX (TREES)
- NATIVE TREE (TO BE PLANTED)

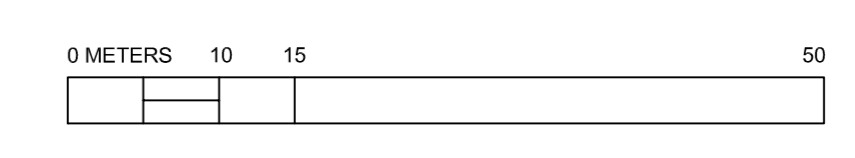
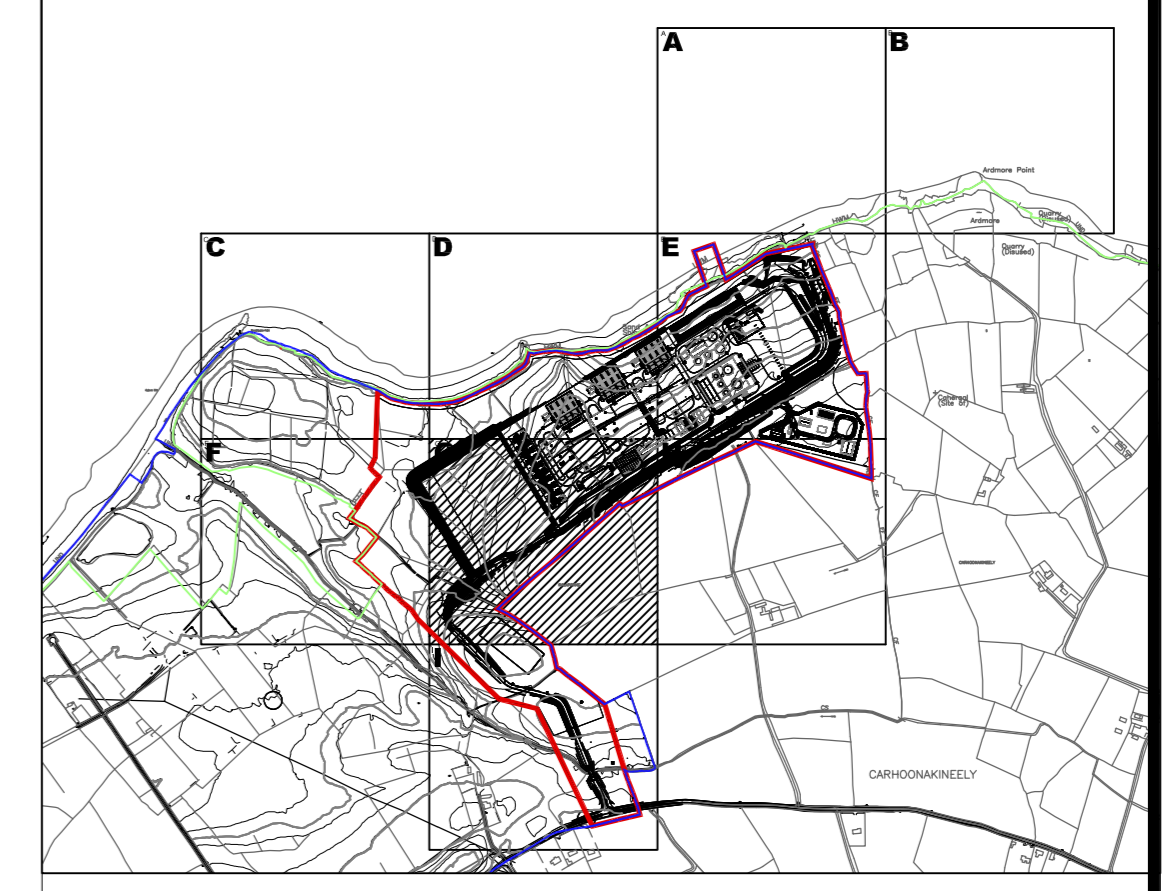
No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

RALAPPANE

SECTOR KEYPLAN









PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR G

PROJECT NO: 12345 DWG. NO:
DATE: 03/04/2024 **SP130.G**
SCALE: 1:500 SHEET SIZE: A0
SCALE: Scale as Noted



LEGEND

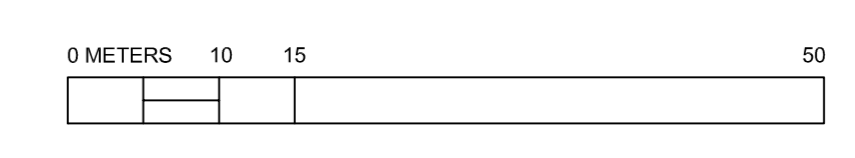
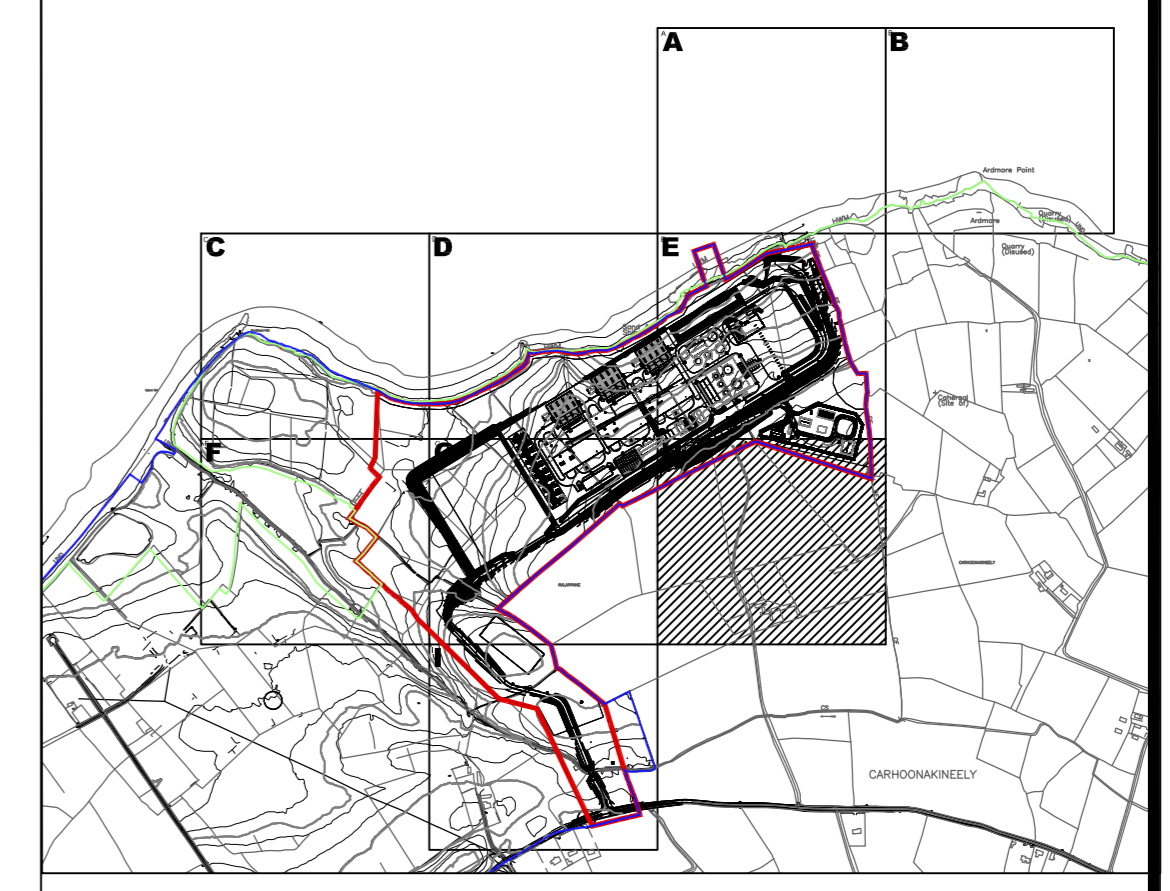
-  NATIVE SEEDING AREA
-  RENSTATED AREA
-  GRAVEL
-  WOODLAND MIX (SHRUBS)
-  WOODLAND MIX (TREES)
-  NATIVE TREE (TO BE PLANTED)

No.	Description	Date

SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

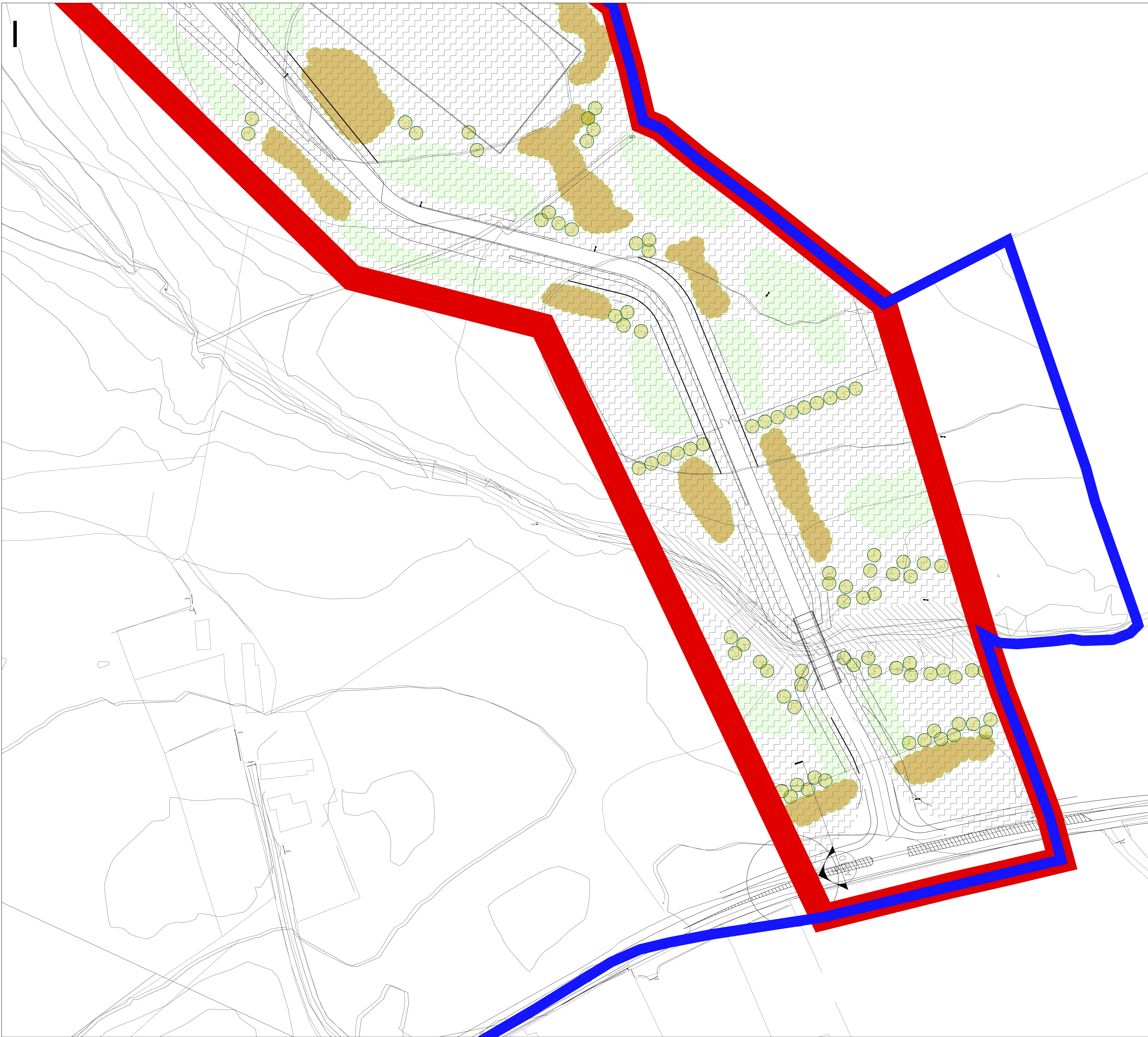
**SECTOR
KEYPLAN**



PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

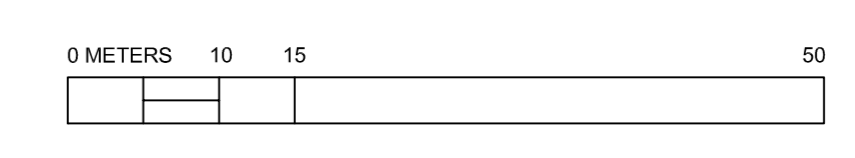
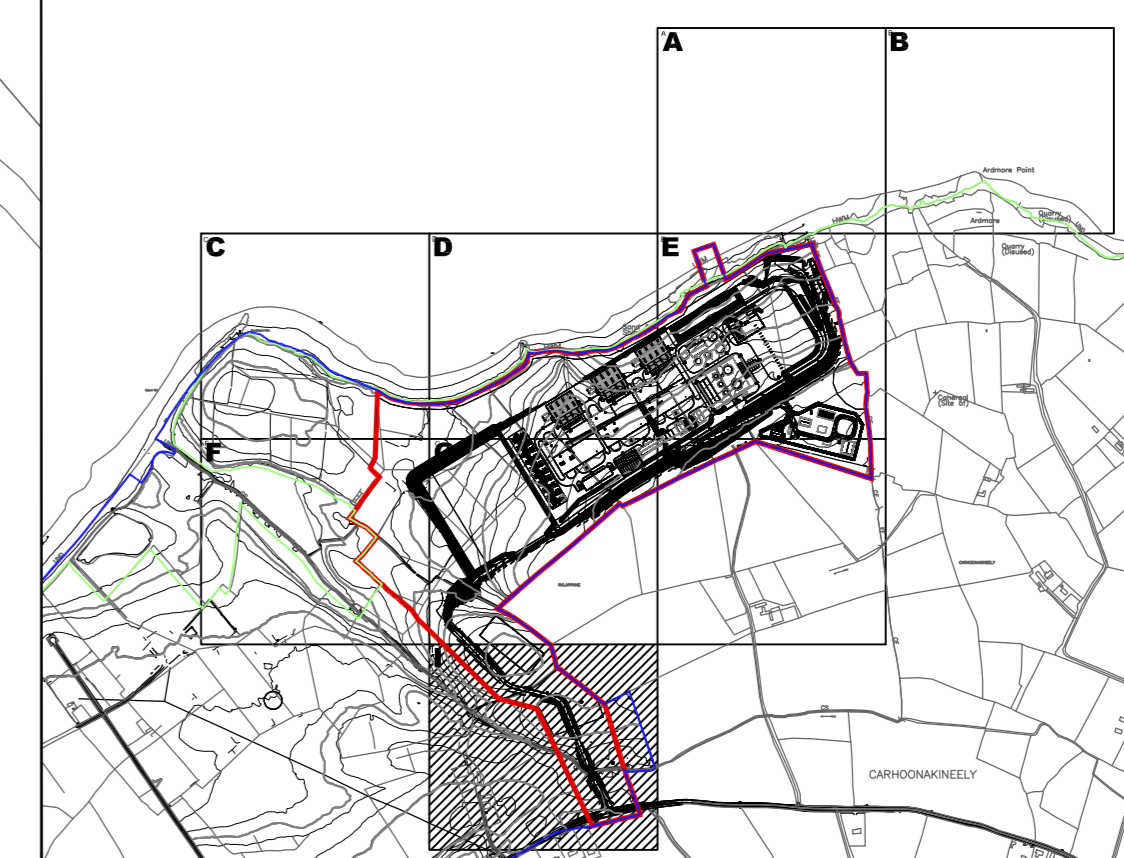
DWG. TITLE
SITE LAYOUT
PLAN SECTOR H

PROJECT NO: 12345 DWG. NO:
DATE: 03/04/2024 SP130.H
SCALE: 1:500 SHEET SIZE: A0
SCALE: Scale as Noted



- LEGEND**
- NATIVE SEEDING AREA
 - RESTATED AREA
 - GRAVEL
 - WOODLAND MIX (SHRUBS)
 - WOODLAND MIX (TREES)
 - NATIVE TREE (TO BE PLANTED)

SECTOR KEYPLAN



No.	Description	Date

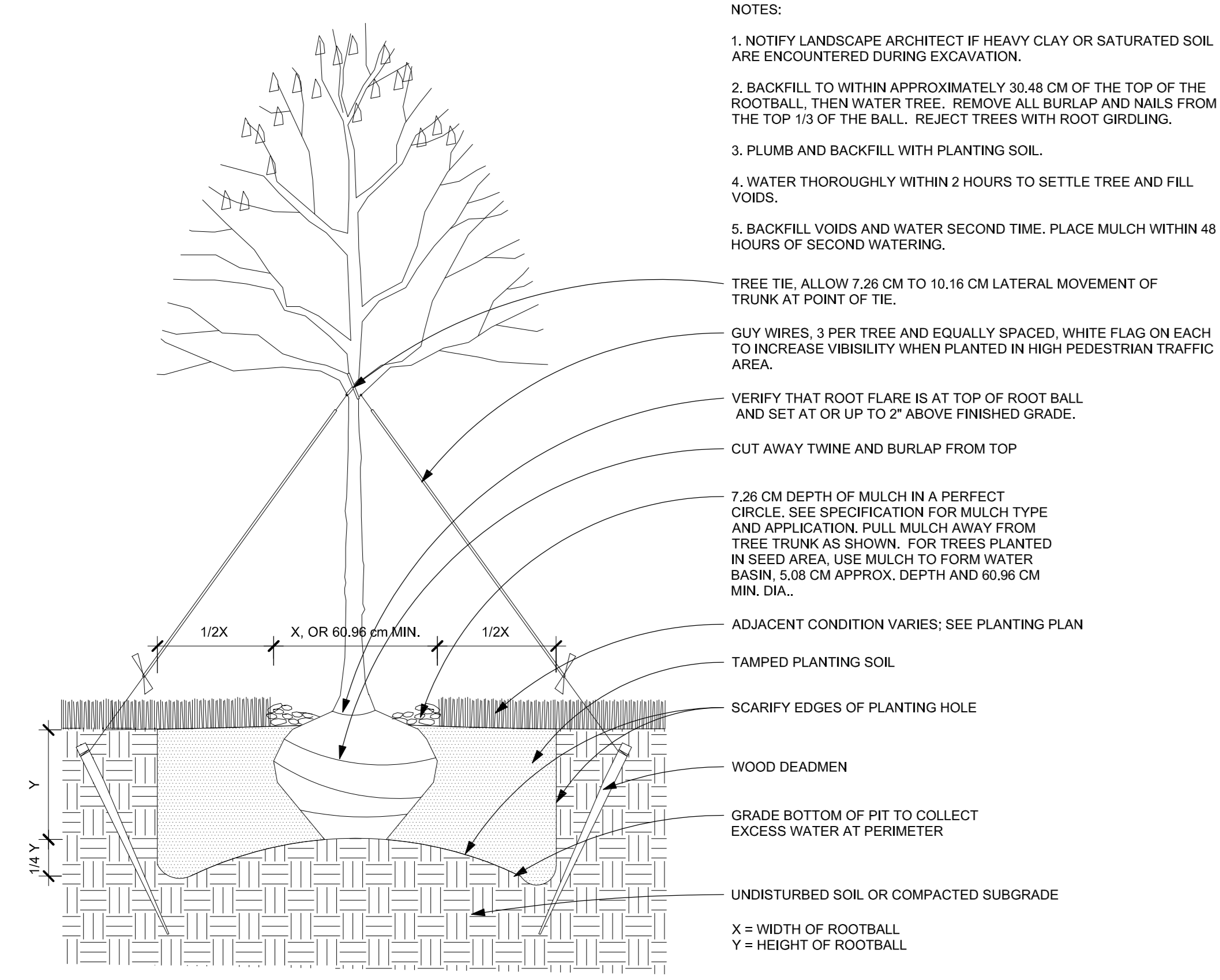
SHEET REVISIONS

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

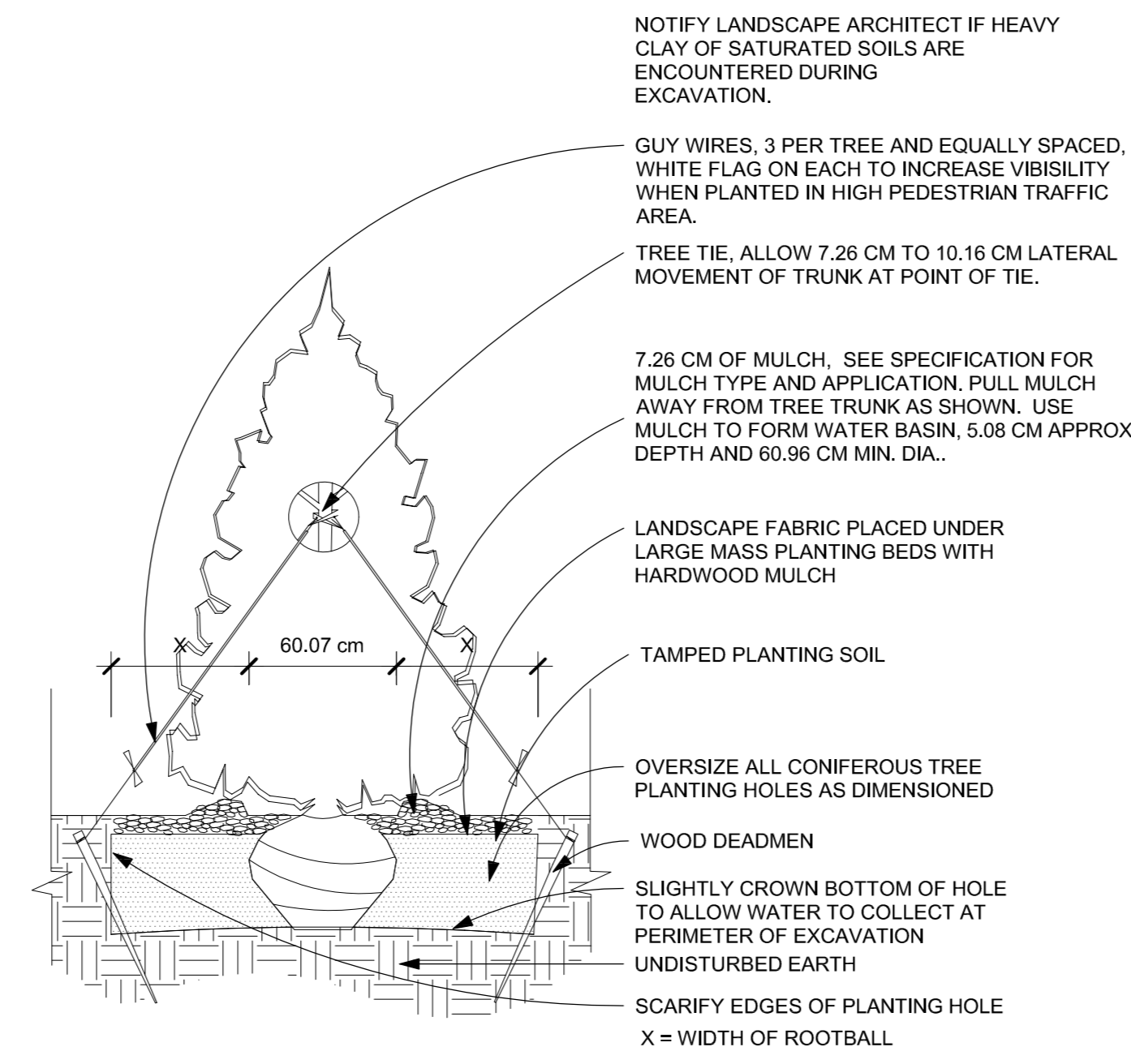
PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
SITE LAYOUT
PLAN SECTOR I

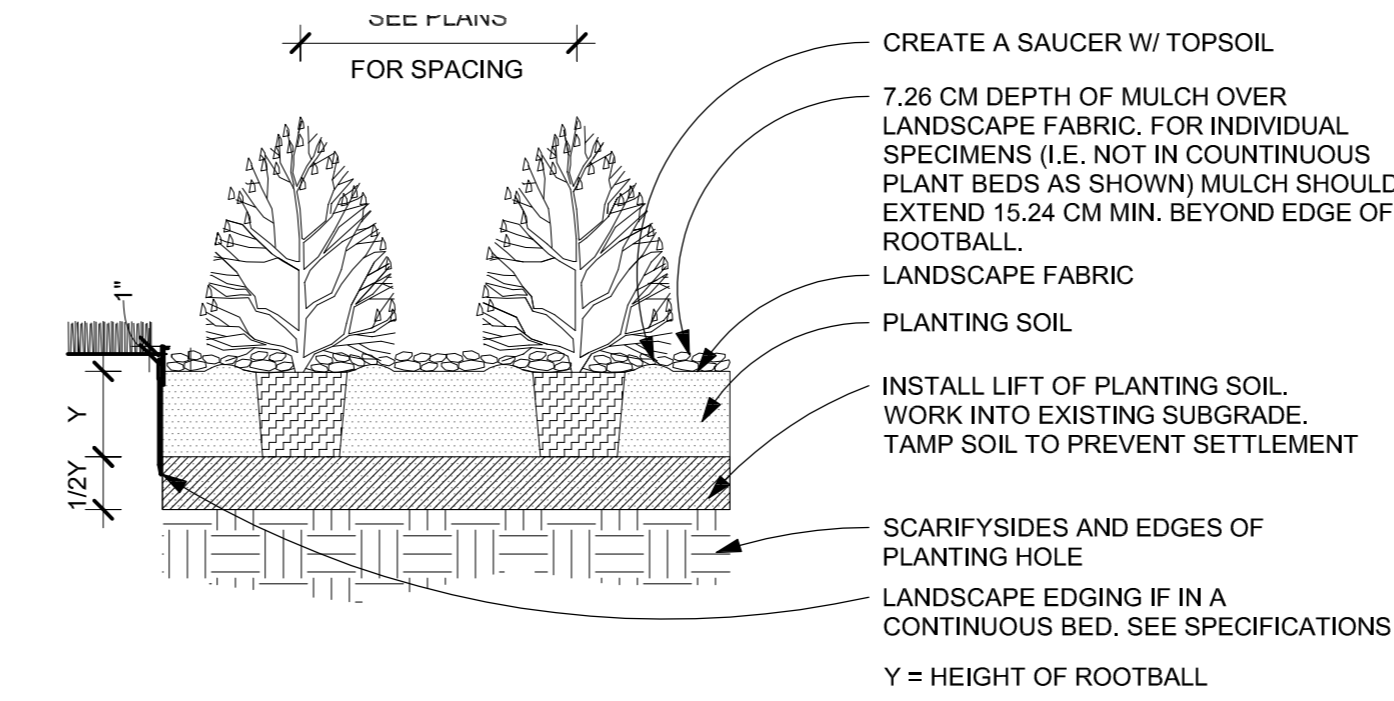
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DATE: 03/04/2024 **SP130.I**
SCALE: 1:500 SHEET SIZE: A0
SCALE: Scale as Noted



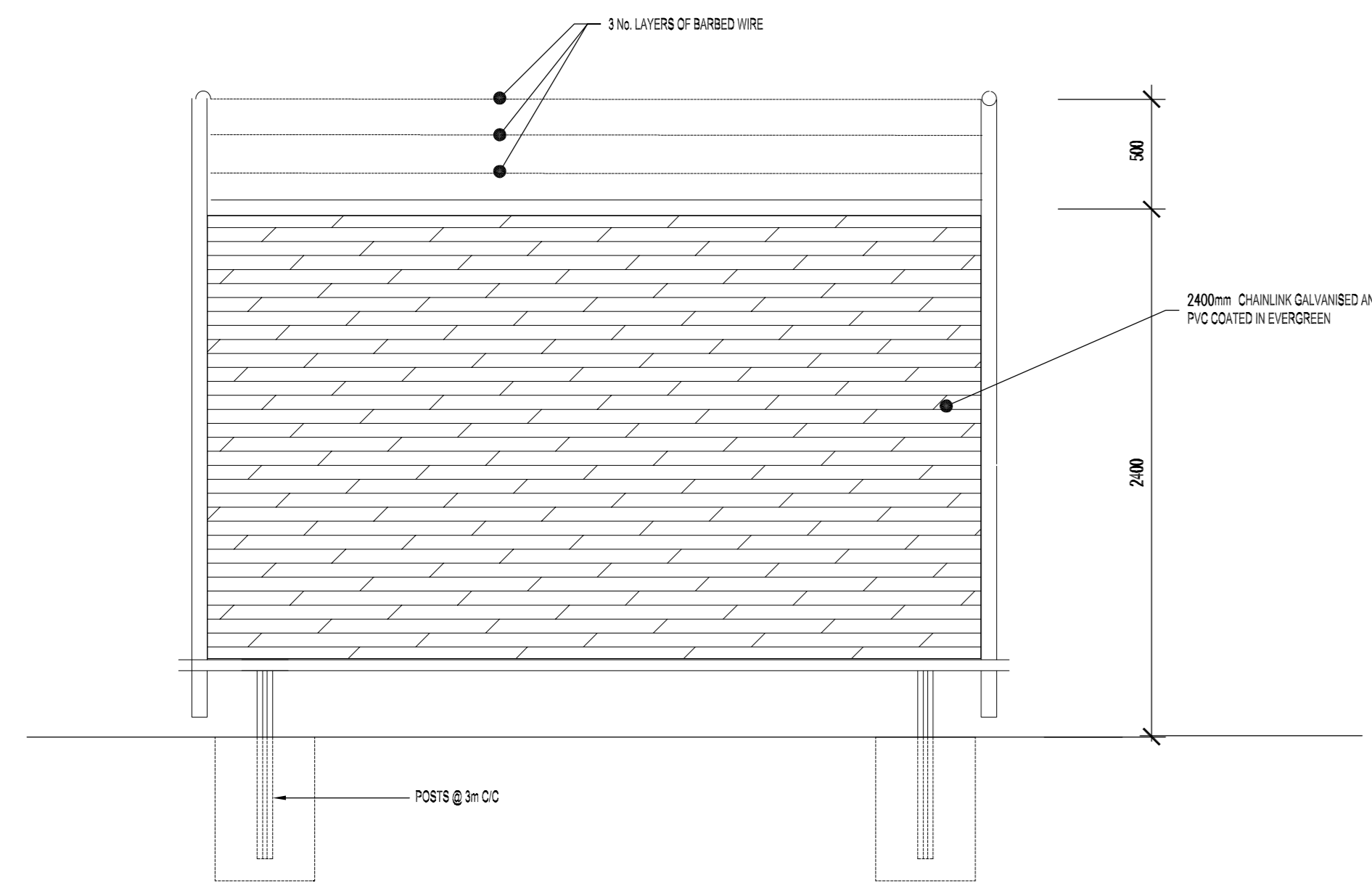
1 DECIDUOUS TREE PLANTING DETAIL
1 : 15



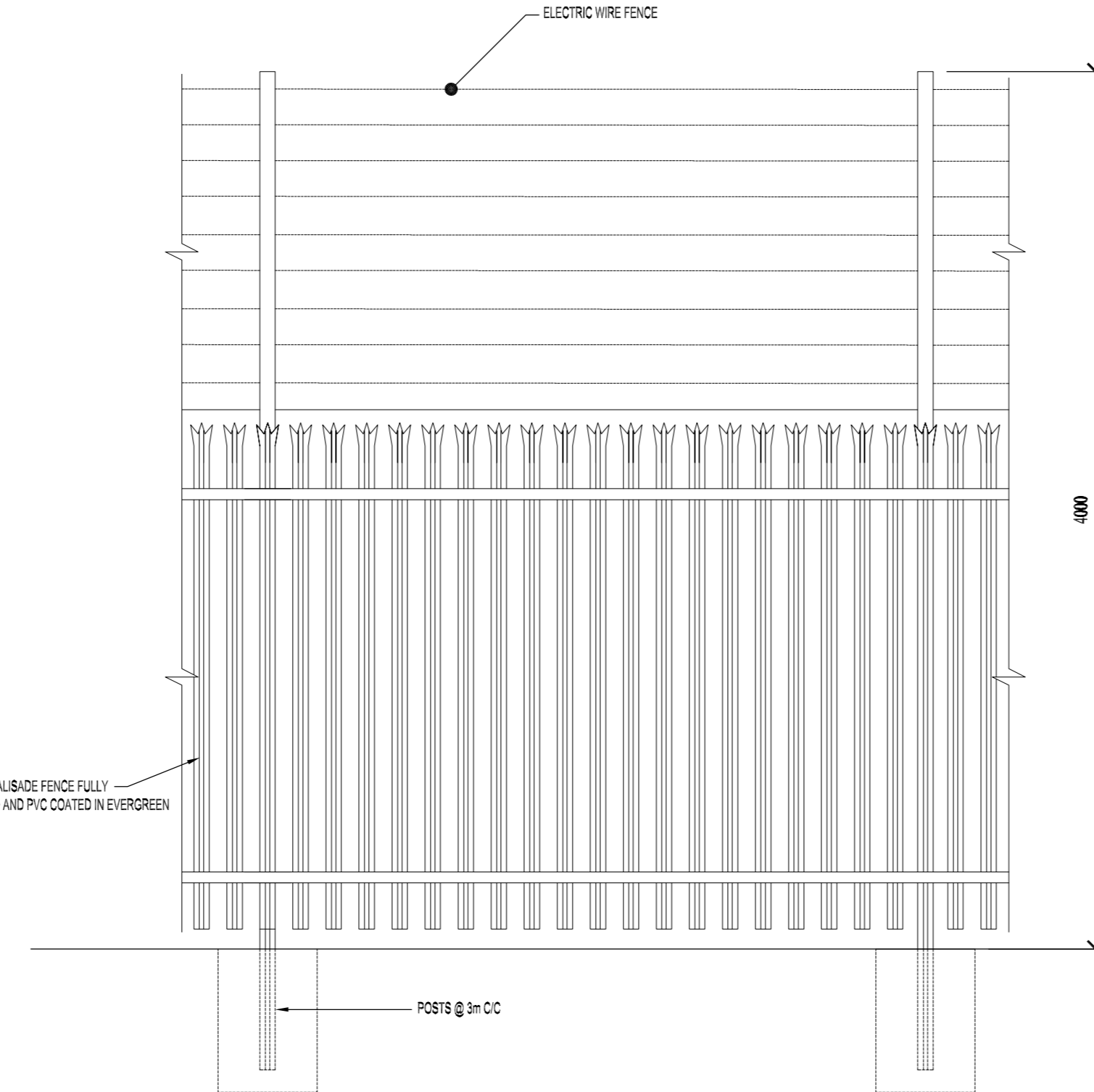
2 CONIFER PLANTING DETAIL
1 : 25



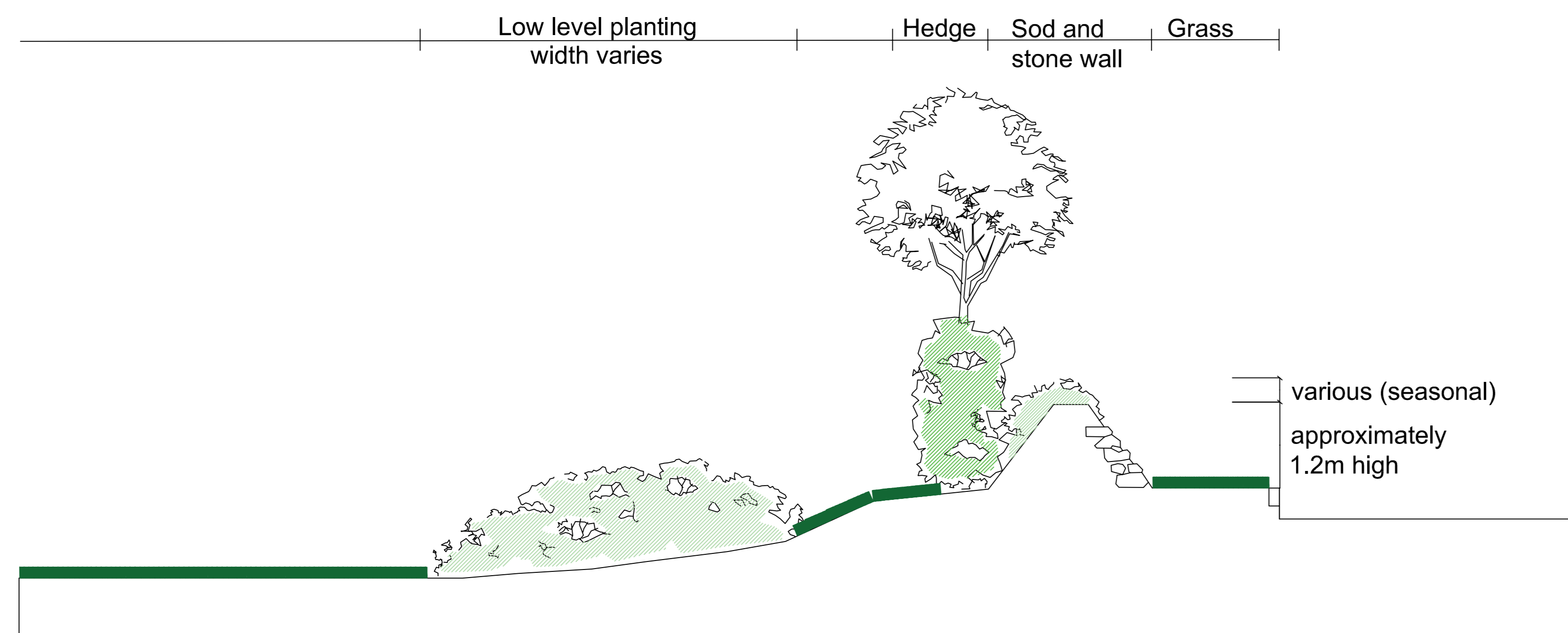
3 SHRUB PLANTING DETAIL
1 : 25



4 PROPOSED 2.9M HIGH CHAINLINK FENCE
1 : 25



5 PROPOSED 4.0M PALISADE AND ELECTRIC WIRE FENCE DETAIL
1 : 25



6 LANDSCAPE BERM
1 : 50

No.	Description	Date

SHEET REVISIONS

No.	Description	Date

ISSUED FOR PLANNING: 03/04/2024
PROJECT ISSUANCES

PROJECT:
SHANNON TECHNOLOGY
AND ENERGY PARK (STEP)
POWER PLANT

DWG. TITLE
LANDSCAPE DETAIL

PROJECT NO: 12345
DATE: 03/04/2024
SCALE: 1:500
DWG. NO:
SP510

SCALE: Scale as Noted
SHEET SIZE: A0