



The Sizewell C Project

6.9 Volume 8 Freight Management Facility Chapter 2 Description of the Freight Management Facility Figures 2.1 - 2.6

Revision: 1.0
Applicable Regulation: Regulation 5(2)(a)
PINS Reference Number: EN010012

May 2020

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009





NOTES

KEY

- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
- SECURITY FENCE
- ECOLOGICAL FENCING
- ACCESS ROAD
- PEDESTRIAN WALKWAY / ZONE
- TACTILE PAVING
- WELFARE/SECURITY BUILDINGS
- SHELTERS (CYCLE/SMOKING)
- COVERED HGV SCREEN AND SEARCH LANE
- LIGHTING COLUMNS
- LANDSCAPE BUNDS
- PROPOSED PLANTING
- RETAINED OR ENHANCED PLANTING
- GRASSED AREAS
- SURFACE WATER ATTENUATION
- SWALE
- DITCH
- 10M BUFFER ZONE
- EXISTING PUBLIC RIGHT OF WAY
- OTHER RIGHT OF WAY

NOT PROTECTIVELY MARKED

COPYRIGHT
 Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.
 Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
 PROW data sourced from Suffolk CC on 27/02/2019 under OGL v3.0 are an interpretation of the Definitive Map and Statement, not the Definitive Map itself, and should not be relied on for determining the position or alignment of any public right of way. The data contains Ordnance Survey data © Crown copyright and database right 2019.

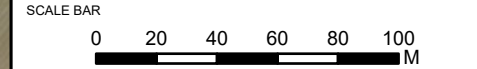


DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 8
 CHAPTER 2
 DESCRIPTION OF THE FREIGHT MANAGEMENT FACILITY

DRAWING TITLE:
 ILLUSTRATIVE MASTERPLAN FOR THE FREIGHT MANAGEMENT FACILITY

DRAWING NO:
 FIGURE 2.1

DATE: JAN 2020 DRAWN: V.W. SCALE: 1:2,500 @A3












NOTES:

1. FOR DETAILS OF PERMANENT AND TEMPORARY POSSESSION WITHIN ORDER LIMITS REFER TO LAND PLANS.
2. THE LOCATIONS OF FEATURES SHOWN ARE INDICATIVE ONLY. EXACT LOCATIONS TO BE CONFIRMED ON SITE.
3. ADDITIONAL FEATURES MAY BE PRESENT ON SITE THAT HAVE NOT BEEN IDENTIFIED.
4. THIS DRAWING IS BASED ON AERIAL PHOTOGRAPHS AND SITE VISITS.
5. FOR HEDGEROW REFERENCES (H01-H03) PLEASE REFER TO SCHEDULE 21 OF DRAFT DCO (DOC REF 3.1)
6. WITHIN THE AREA SHOWN AS 'GENERAL SITE CLEARANCE' NOT EVERYTHING WOULD BE CLEARED. SITE CLEARANCE WOULD BE THE MINIMUM REQUIRED TO UNDERTAKE THE WORKS. GENERAL SITE CLEARANCE CONSISTS OF REMOVAL OF OVERGROWN VEGETATION IN VERGES AND TOPSOIL REMOVAL.

KEY:

-  FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
-  RETAINED TREES AND SHRUBS
-  RETAINED IMPORTANT HEDGEROW (HEDGEROW REGULATIONS 1997)
-  BUFFER ZONE
-  AREA OF GENERAL SITE CLEARANCE FOR CONSTRUCTION WORKS WITHIN THE SITE
-  VEGETATION TO BE REMOVED
-  IMPORTANT HEDGEROW (HEDGEROW REGULATIONS 1997) TO BE REMOVED



NOT PROTECTIVELY MARKED

COPYRIGHT:

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office © Crown copyright (2019). All Rights reserved. NNB GenCo Licence: 0100060408



DOCUMENT:

SIZEWELL C
ENVIRONMENTAL STATEMENT
VOLUME 8, CHAPTER 2
DESCRIPTION OF THE FREIGHT MANAGEMENT FACILITY

DRAWING TITLE:

SITE CLEARANCE PLAN

DRAWING NO:

FIGURE 2.2

DATE:
JAN 2020

DRAWN:
J.B.

SCALE:
1:2500 @ A3

SCALE BAR:





NOTES:

KEY:

- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
- SOFTWORKS - EXISTING**
- RETAINED AND ENHANCED TREES AND SHRUBS
- RETAINED IMPORTANT HEDGEROW (HEDGEROW REGULATIONS 1997)
- SOFTWORKS - PROPOSED**
- HEDGEROW PLANTING
- NATIVE TREE AND SHRUB PLANTING
- GRASSLAND AND/OR AGRICULTURAL LAND REINSTATED
- INDICATIVE DRAINAGE - RETAINED**
- SWALE



Site access road to be removed

Widened Felixstowe Road and associated swale to be retained

Temporary planting to be removed to allow reinstatement of field access

NOT PROTECTIVELY MARKED

COPYRIGHT:
 Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office © Crown copyright (2019). All Rights reserved. NNB GenCo Licence: 0100060408



DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 8, CHAPTER 2
 DESCRIPTION OF THE FREIGHT MANAGEMENT FACILITY

DRAWING TITLE:
 REMOVAL AND REINSTATEMENT PLAN

DRAWING NO:
 FIGURE 2.3

DATE: JAN 2020 DRAWN: J.B. SCALE: 1:2500 @ A3





NOTES:
 1. Do not scale from this drawing. All dimensions are in metres unless noted otherwise.

- KEY:**
- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
 - BUFFER ZONE
 - SWALE (INDICATIVE)
 - LANDSCAPE BUND
 - LANDSCAPING
 - SW— PROPOSED SURFACE WATER DRAINAGE (INDICATIVE)
 - FW— PROPOSED FOUL WATER DRAINAGE (INDICATIVE)
 - PROPOSED GEOCELLULAR UNDERGROUND STORAGE (82M x 22M)
 - PROPOSED CHANNEL
 - PROPOSED BYPASS SEPARATOR (INDICATIVE)
 - FLOW DIRECTIONAL ARROW
 - - - PROPOSED DITCH (INDICATIVE)

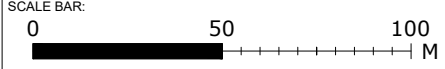
NOT PROTECTIVELY MARKED

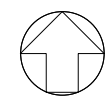
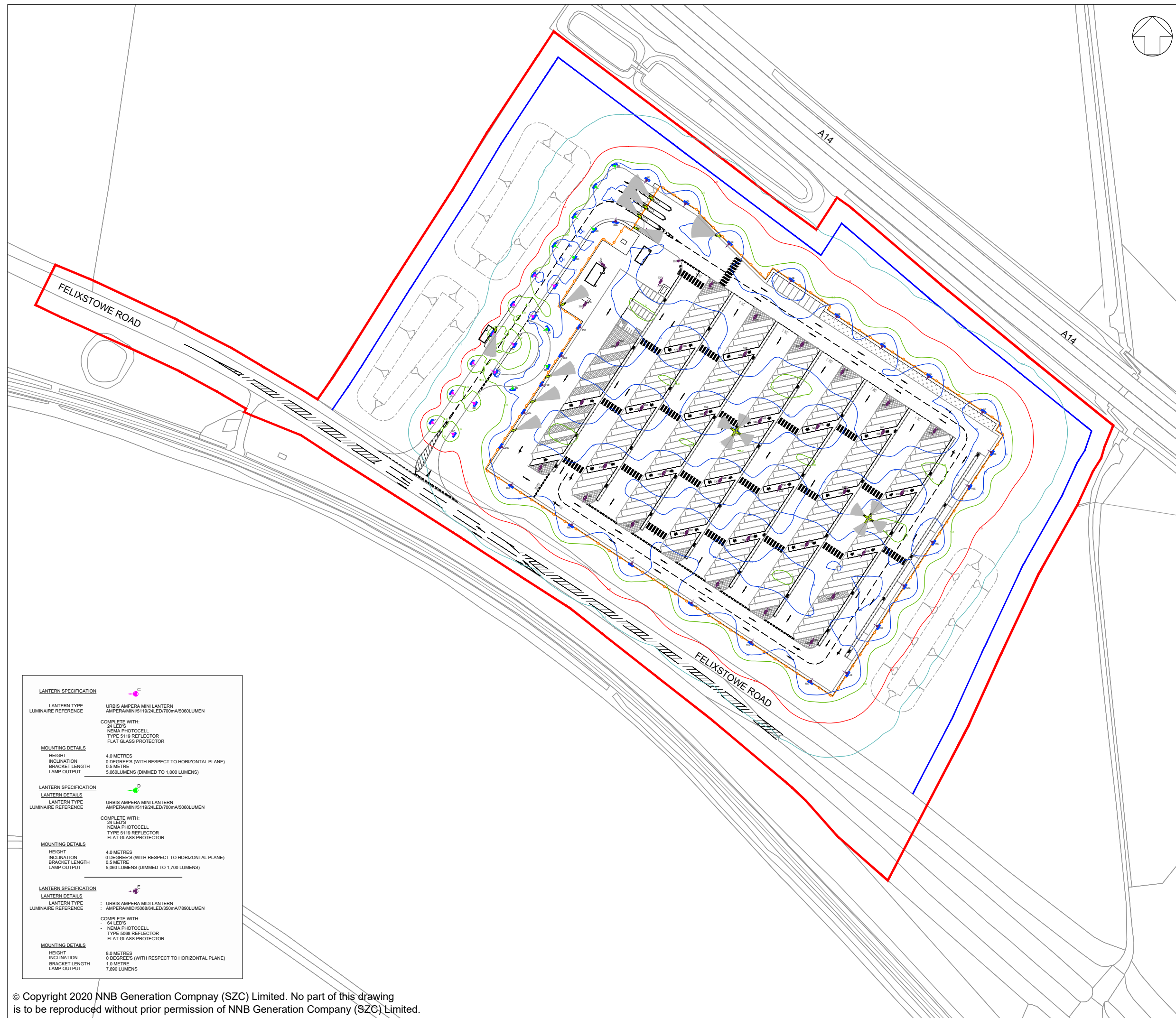
COPYRIGHT:
 Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office © Crown copyright (2019). All Rights reserved. NNB GenCo Licence: 0100060408



DOCUMENT:
 SIZEWELL C ENVIRONMENTAL STATEMENT
 VOLUME 8
 CHAPTER 2
 DESCRIPTION OF THE FREIGHT MANAGEMENT FACILITY
DRAWING TITLE:
 ILLUSTRATIVE DRAINAGE PLAN FOR THE FREIGHT MANAGEMENT FACILITY AT SEVEN HILLS

DRAWING NO:
 FIGURE 2.4
DATE: JAN 2020 **DRAWN:** N.K.S. **SCALE:** 1:2,000 @A3





- NOTES:**
- Do not scale from this drawing. All dimensions are in metres unless noted otherwise.
 - Luminaires shall be of a type that controls the distribution of light and directs the light downwards onto the roads and footways and that avoids light and glare overspill and sky glow.
 - There shall be no external lighting associated with the site entrance.
 - The incoming access roads/site roads are designed to BS5489-1, with the road lighting designed to class P4.
 - The parking area is designed to comply with BS 5489-1, with the main parking areas designed for Medium Traffic classification and lower usage areas for light traffic classification, as per BS 5489-1.
 - A maintenance factor of 0.76 has been used in the lighting design simulation.
 - Isolux contours indicated on the layout are reflective of a maintenance factor 1.0.
 - Lighting columns within parking bay areas to be located on corners of parking bays and shall be provided with red and white reflective bands at 0.3m centres between 0.6m and 1.5m above proposed finished level.
 - Light columns shall be located at the rear of footways unless agreed otherwise. In no circumstances shall the setback to light column face be less than 0.45m from the edge of the roadway.
 - Isolux contours indicated on the drawing do not factor in the mitigation associated with the fitting of lighting shields to all perimeter light fittings.
 - Isolux contours indicated on the drawing do not factor in the mitigation associated with either ecological fencing, landscaping, topography or plants.
 - This drawing has been compiled based upon the following design standards and guidance:
 - A. BS 5489-1 : 2013
 - B. BS EN 12464-2 : 2014
 - C. BS EN 13201 : 2015
 - D. CIBSE Lighting guide 6
 - E. ILE Guidance for the reduction in obtrusive light.
 - For illuminance (lux) results for grid and parking areas, please refer to lighting technical note SZC-SZ0204-FP-000-REP-100007



- KEY**
- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
 - BUFFER ZONE
 - LIGHTING LANTERN DEMOUNTABLE SHIELD TO REDUCE BACKWARD LIGHT SPILL (NOT TO SCALE)
 - FIXED CCTV AND VISION SPLAY
 - SECURITY FENCE
 - GATE
 - SWALE (INDICATIVE)
 - LANDSCAPE BUND

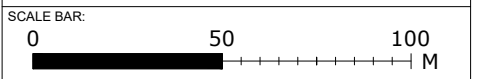
NOT PROTECTIVELY MARKED

COPYRIGHT:
 Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office © Crown copyright (2019). All Rights reserved. NNB GenCo Licence: 0100060408

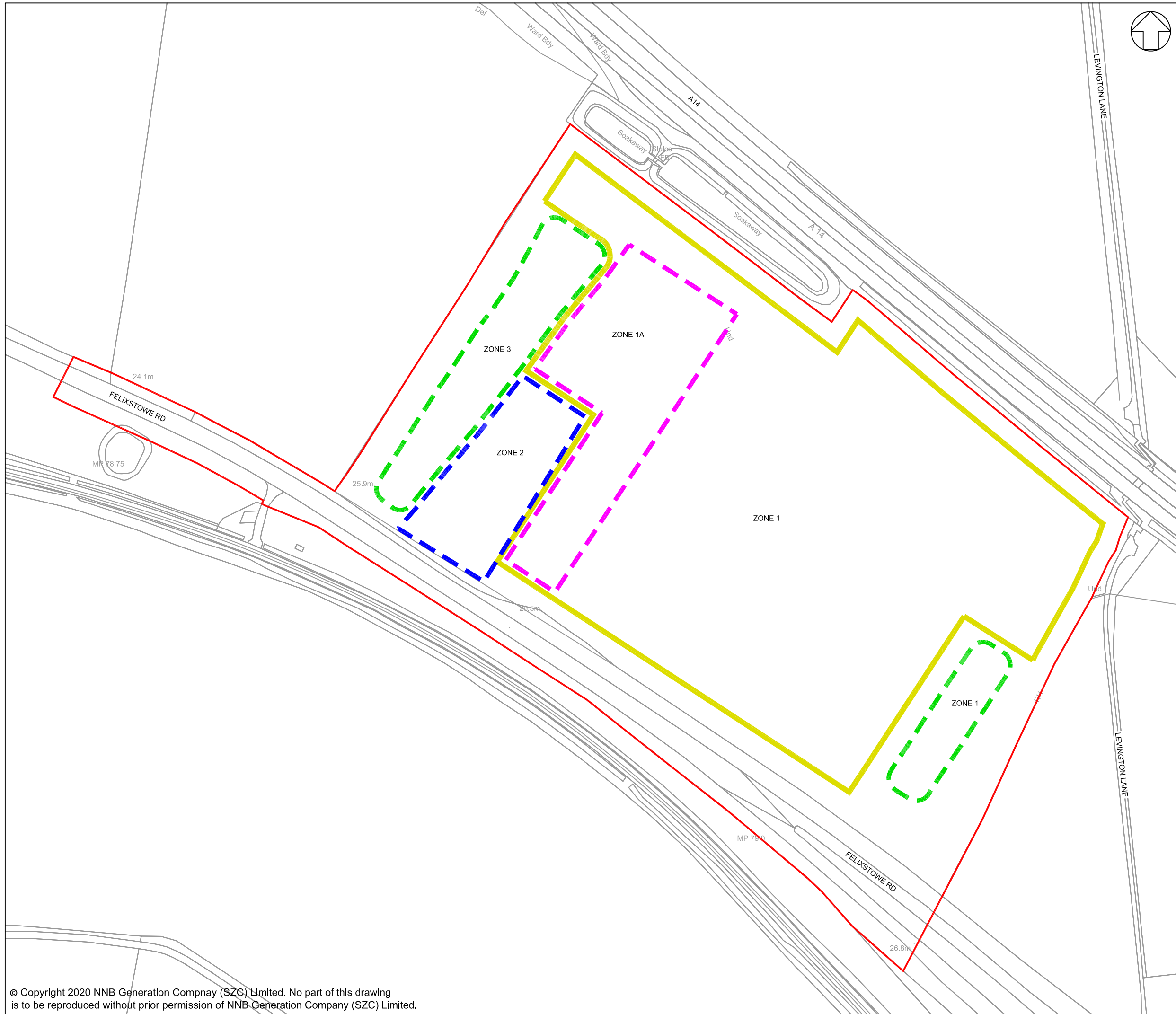


DOCUMENT:
 SIZEWELL C ENVIRONMENTAL STATEMENT
 VOLUME 8
 CHAPTER 2
 DESCRIPTION OF THE FREIGHT MANAGEMENT FACILITY
DRAWING TITLE:
 ILLUSTRATIVE LIGHTING PLAN FOR THE FREIGHT MANAGEMENT FACILITY AT SEVEN HILLS

DRAWING NO:
 FIGURE 2.5
DATE: JAN 2020 **DRAWN:** N.K.S. **SCALE:** 1:2,000 @A3



LANTERN SPECIFICATION	
LANTERN TYPE	URBIS AMPERA MINI LANTERN
LUMINAIRE REFERENCE	AMPERA/MINI/5119/24LED/700mA/5060LUMEN
COMPLETE WITH: 24 LED'S NEMA PHOTOCELL TYPE 5119 REFLECTOR FLAT GLASS PROTECTOR	
MOUNTING DETAILS	
HEIGHT	4.0 METRES
INCLINATION	0 DEGREE'S (WITH RESPECT TO HORIZONTAL PLANE)
BRACKET LENGTH	0.5 METRE
LAMP OUTPUT	5,060 LUMENS (DIMMED TO 1,000 LUMENS)
LANTERN SPECIFICATION	D
LANTERN TYPE	URBIS AMPERA MINI LANTERN
LUMINAIRE REFERENCE	AMPERA/MINI/5119/24LED/700mA/5060LUMEN
COMPLETE WITH: 24 LED'S NEMA PHOTOCELL TYPE 5119 REFLECTOR FLAT GLASS PROTECTOR	
MOUNTING DETAILS	
HEIGHT	4.0 METRES
INCLINATION	0 DEGREE'S (WITH RESPECT TO HORIZONTAL PLANE)
BRACKET LENGTH	0.5 METRE
LAMP OUTPUT	5,060 LUMENS (DIMMED TO 1,700 LUMENS)
LANTERN SPECIFICATION	E
LANTERN TYPE	URBIS AMPERA MUDI LANTERN
LUMINAIRE REFERENCE	AMPERA/MUDI/5068/64LED/3500mA/7890LUMEN
COMPLETE WITH: 64 LED'S NEMA PHOTOCELL TYPE 5068 REFLECTOR FLAT GLASS PROTECTOR	
MOUNTING DETAILS	
HEIGHT	8.0 METRES
INCLINATION	0 DEGREE'S (WITH RESPECT TO HORIZONTAL PLANE)
BRACKET LENGTH	1.0 METRE
LAMP OUTPUT	7,890 LUMENS



NOTES:

- Do not scale from this drawing. All dimensions are in metres unless noted otherwise.

KEY:

- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
- **ZONE 1**
- TO INCLUDE:
 - OPERATIONAL FREIGHT MANAGEMENT FACILITY
- - - **ZONE 1A**
- TO INCLUDE:
 - AMENITY AND WELFARE BUILDING UP TO 4M
 - SECURITY BUILDING UP TO 4M
 - SHELTERS (SMOKING AND CYCLE) UP TO 3M
 - HGV SCREEN AND SEARCH CANOPY UP TO 6M
- - - **ZONE 2**
- TO INCLUDE:
 - ACCESS ROAD
 - SECURITY BOOTH UP TO 4M
 - EXIT LOOP
- - - **ZONE 3**
- TO INCLUDE:
 - INDICATIVE POSITION OF 3M LANDSCAPE BUNDS

NOT PROTECTIVELY MARKED

COPYRIGHT:
 Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office © Crown copyright (2019). All Rights reserved. NNB GenCo Licence: 0100060408



DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 8
 CHAPTER 2
 DESCRIPTION OF THE FREIGHT MANAGEMENT FACILITY

DRAWING TITLE:
 PARAMETER PLAN FOR THE
 FREIGHT MANAGEMENT FACILITY AT SEVEN HILLS

DRAWING NO:
 FIGURE 2.6

DATE: JAN 2020 **DRAWN:** N.K.S. **SCALE:** 1:2,000 @A3

