

## SCHEDULE 1

### Authorised Development

## PART 1

### NUMBERED WORKS

*Main development site: operational infrastructure and Sizewell B relocation works*

#### **Work No. 1A**

An electricity generating station with a net electrical output of approximately 3,340MW power generated by two nuclear reactor units, to include—

- (a) buildings, structures and plant within the 'nuclear islands' for Units 1 and 2, including—
  - (i) two reactor buildings;
  - (ii) two fuel buildings;
  - (iii) two fuel building halls;
  - (iv) two boron storage buildings;
  - (v) eight safeguard buildings;
  - (vi) two nuclear auxiliary buildings;
  - (vii) two nuclear auxiliary building stacks;
  - (viii) two access towers;
  - (ix) radioactive waste storage building;
  - (x) radioactive waste process building;
  - (xi) radioactive waste treatment building;
  - (xii) hot laundry building;
  - (xiii) hot workshop, hot warehouse, facilities for decontamination;
  - (xiv) effluent tanks and refuelling water tanks;
  - (xv) four emergency diesel generator buildings and twelve associated stacks;
  - (xvi) two 'type 1' cooling water discharge weir buildings; and
  - (xvii) two 'type 2' cooling water discharge weir buildings;
- (b) buildings, structures and plant within the 'conventional islands' for Units 1 and 2, including—
  - (i) two turbine halls;
  - (ii) two sky bridges;
  - (iii) two conventional island electrical buildings;
  - (iv) two gas insulated switchgear buildings;
  - (v) two main transformer platforms;
  - (vi) four unit transformer platforms;
  - (vii) two auxiliary transformer platforms; and
  - (viii) six monopoles;

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- (c) operational service centre;
- (d) four electricity transmission towers / pylons inside the powers station's security fence and associated transmission infrastructure;
- (e) buildings, structures and plant within the 'cooling water pumphouse and associated buildings' for Units 1 and 2, including—
  - (i) two cooling water pumphouses;
  - (ii) two forebays;
  - (iii) two outfall pond buildings;
  - (iv) two filtering debris recovery pits; and
  - (v) two fire-fighting water distribution buildings;
- (f) intermediate level waste store;
- (g) interim spent fuel store;
- (h) buildings, structures and plant within the 'ancillary structures', including (but not limited to)—
  - (i) main access control building;
  - (ii) auxiliary administration building;
  - (iii) secondary access control building;
  - (iv) emergency response centre;
  - (v) emergency response energy centre;
  - (vi) meteorological station;
  - (vii) demineralisation station;
  - (viii) valve room for the demineralisation station;
  - (ix) auxiliary boilers;
  - (x) hydrogen storage;
  - (xi) oxygen storage;
  - (xii) hydrazine storage;
  - (xiii) chlorination plant;
  - (xiv) service ventilation building;
  - (xv) raw water & potable water storage/supply building;
  - (xvi) degassed water storage tanks;
  - (xvii) cooling water discharge shaft;
  - (xviii) chemical products storage;
  - (xix) garage for handling materials;
  - (xx) oil & grease storage;
  - (xxi) contaminated tools store;
  - (xxii) warehouse;
  - (xxiii) sewage treatment plant;
  - (xxiv) conventional island water tanks;
  - (xxv) nuclear island water tank;
  - (xxvi) conventional waste storage;

- (xxvii) transit area for very low and low level waste;
- (xxviii) service access buildings;
- (xxix) battery load banks;
- (xxx) interim spent fuel store equipment storage building; and
- (xxxi) emergency equipment store.
- (i) 132kV substation and associated compound;
- (j) off-site delivery check point, associated buildings, structures and plant;
- (k) permanent vehicular and pedestrian bridge over Sizewell Marshes SSSI, preceded by a temporary crossing.
- (l) permanent beach landing facility;
- (m) soft coastal defence feature;
- (n) permanent hard coastal defence feature, preceded by a temporary hard coastal defence feature;
- (o) buildings, structures and plant, including a new National Grid substation building, plant, equipment and apparatus, alterations to the existing National Grid substation building, plant, equipment and apparatus, and associated diversion of transmission infrastructure;
- (p) one electricity transmission tower /pylon outside the power station's security fence, and associated transmission infrastructure including overhead line conductors;
- (q) 770 permanent operational parking spaces and 600 outage parking spaces;
- (r) removal of an existing transmission tower / pylon and associated transmission infrastructure;
- (s) realignment of Sizewell Drain and associated works;
- (t) perimeter below-ground cut off-wall, including associated dewatering of the contained area;
- (u) drainage outfall tunnels comprising—
  - (i) combined drainage outfall tunnel (continuing as Work No. 2K); and
  - (ii) temporary marine outfall;
- (v) power station main access road;
- (w) 1,000 temporary car parking spaces and 75 temporary HGV parking spaces;
- (x) temporary freight management facility, 80 HGV parking spaces and associated infrastructure;
- (y) temporary park and ride facility, 600 associated car parking spaces, 20 bus spaces, a terminal area and associated infrastructure;
- (z) temporary water resource storage area;
- (aa) temporary marine bulk import facility;
- (bb) improvement works to Kenton Hills Car Park to include provision of up to 15 additional parking spaces;
- (cc) flood mitigation area and associated habitat;
- (dd) serviced pitches for up to 400 caravans and 400 temporary car parking spaces;
- (ee) bat barn;
- (ff) temporary junction onto King George's Avenue;
- (gg) temporary junction onto Valley Road

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- (hh) temporary junction onto Lovers Lane;
- (ii) temporary desalination plant and associated infrastructure;
- (jj) temporary desalination plant outfall tunnel (continuing as Work No. 2O); and
- (kk) temporary desalination plant intake tunnel (continuing as Work No. 2M).

The location of the above works is shown on sheet nos 1-5 and 7-8 of the Works Plans.

**Work No. 1B**

New permanent four arm roundabout at B1122 Abbey Road including one site access point, plus a second temporary site access point using an additional temporary arm.

The location of the above works is shown on sheet nos 1 and 8 of the Works Plans.

**Work No. 1C**

Works associated with Lovers Lane, to include—

- (a) realignment of the junction of the B1122 Abbey Road and Lovers Lane;
- (b) realignment of Lovers Lane;
- (c) provision of a mammal culvert under Lovers Lane; and
- (d) creation of a right turn into Leiston Household Waste Recycling Centre.

The location of the above works is shown on sheet nos 3, 7 and 8 of the Works Plans.

**Work No. 1D**

Works associated with the relocation of certain Sizewell B power station facilities, to include—

- (a) outage store building;
- (b) outage laydown area;
- (c) training centre;
- (d) up to 112 operational car parking spaces and access roads;
- (e) up to 576 outage car parking spaces;
- (f) visitor centre;
- (g) administrative buildings to include workshops, civils store, office accommodation and general store;
- (h) storage, canteen and welfare facilities; and
- (i) outage car park access roads.

The location of the above works is shown on sheet nos 2, 4 and 5 of the Works Plans.

**Work No. 1E**

Works associated with the relocation of certain Sizewell B power station facilities, to include—

- (a) outage store building;
- (b) outage laydown area;
- (c) training centre;
- (d) up to 579 operational car parking spaces and access roads;
- (e) visitor centre;
- (f) administrative buildings to include workshops, civils store, office accommodation and general store; and
- (g) storage, canteen and welfare facilities.

The location of the above works is shown on sheet nos 2, 4 and 5 of the Works Plans.

*Main development site: cooling water infrastructure,  
drainage outfall, desalination intake and outfall infrastructure*

**Work No. 2A**

A cooling water intake tunnel for seawater extraction, commencing at Work No. 1A and terminating at Work No. 2B, including earthworks and tunnelling (Unit 1).

**Work No. 2B**

Two intake heads and vertical shafts for seawater extraction including excavation and capital dredging works (Unit 1).

**Work No. 2C**

A second cooling water intake tunnel for seawater extraction commencing at Work No. 1A, and terminating at Work No. 2D, including earthworks and tunnelling (Unit 2).

**Work No. 2D**

Two intake heads and vertical shafts for seawater extraction, including excavation and capital dredging works (Unit 2).

**Work No. 2E**

A cooling water outfall tunnel for seawater return, commencing at Work No. 1A and terminating at Work No. 2F, including earthworks and tunnelling.

**Work No. 2F**

Two outfall heads and vertical shafts for seawater return including excavation and capital dredging works.

**Work No. 2G**

A fish return tunnel, commencing at Work No. 1A and terminating at Work No. 2H, including earthworks and tunnelling.

**Work No. 2H**

A fish return outfall head and vertical shaft, including excavation and capital dredging works.

**Work No. 2I**

A second fish return tunnel, commencing at Work No. 1A and terminating at Work No. 2J, including earthworks and tunnelling.

**Work No. 2J**

A second fish return outfall head and vertical shaft including excavation and capital dredging works.

**Work No. 2K**

A combined drainage outfall tunnel, commencing at Work No. 1A and terminating at Work No. 2L, including earthworks and tunnelling.

**Work No. 2L**

A combined drainage outfall head and vertical shaft, including excavation and capital dredging works.

**Work No. 2M**

An intake tunnel for the temporary desalination plant, commencing at Work No. 1A and terminating at Work No. 2N, including earthworks and tunnelling.

**Work No. 2N**

An intake head and shaft for seawater extraction for the temporary desalination plant, including excavation and capital dredging works.

**Work No. 2O**

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An outfall tunnel for the temporary desalination plant, commencing at Work No. 1A and terminating at Work No. 2P, including earthworks and tunnelling.

**Work No. 2P**

Outfall tunnel diffusers and shaft for brine water return for the temporary desalination plant, including excavation and capital dredging works.

The location of the above works is shown on sheet nos 2, 4, 5 and 6 of the Works Plans.

*Main development site: accommodation campus*

**Work No. 3**

A temporary accommodation campus, to include—

- (a) accommodation buildings, including up to 2,400 bed spaces, associated structures and plant, and 60 blue badge parking spaces and drop off areas;
- (b) multi-storey parking area to provide up to 1,300 vehicle parking spaces, associated structures and plant;
- (c) buildings, structures and plant including—
  - (i) welfare, administration and amenity buildings;
  - (ii) surface vehicle parking area to provide up to 300 parking spaces;
  - (iii) up to 120 motorcycle parking spaces;
  - (iv) up to 120 cycle parking spaces;
  - (v) bus stops and associated infrastructure;
  - (vi) campus servicing area; and
  - (vii) combined heat and power plant or alternative form of generation including ground or heat source pumps; and
- (d) demolition/removal of any temporary structures and landscape works.

The location of the above works is shown on sheet nos 1 and 8 of the Works Plans.

*Rail infrastructure*

**Work No. 4A**

Works associated with the construction of Work No. 4B(a) (green rail route), to include—

- (a) formation of new railway embankments, cuttings and all necessary earthworks (including removal of topsoil and subsoil) and associated rail infrastructure;
- (b) formation of trenches and installation of utilities; drainage works including swale forming part of the sustainable drainage system;
- (c) temporary realignment of Buckleswood Road;
- (d) construction of a temporary automated level crossing on Buckleswood Road and associated road modifications;
- (e) construction of temporary automated level crossing on B1122 Abbey Road and associated road modifications;
- (f) landscaping including the provision of landscape bunds, grassed areas and other areas of proposed planting; and
- (g) demolition/removal of any temporary structures and landscape works.

**Work No. 4B**

Temporary rail infrastructure ('green rail route') to include—

- (a) a single track railway line (approximately 4.5km in length) commencing at a new junction with the existing Saxmundham to Leiston branch line at a point approximately 500 metres east of Saxmundham Road level crossing and approximately 230 metres south of Buckle's Wood, passing southwest to northeast and terminating within the main development site (Work No. 1A);
- (b) sidings, vehicle inspection buildings, security footbridge and material handling areas; and
- (c) demolition/removal of any temporary structures and landscape works.

The location of the above works is shown on sheet nos 1,2,3,7 and 8 of the Works Plans.

#### **Work No. 4C**

Works to the Saxmundham to Leiston branch line, to include—

- (a) upgrades to the existing junction of the Saxmundham to Leiston branch line and the East Suffolk line including the provision of an additional crossover;
- (b) track replacement; and
- (c) upgrades to up to nine existing level crossings at Bratts Black House, Snowdens, Buckle's Wood, Summerhill, Knodishall, West House, Saxmundham Road, Leiston, and Sizewell.

The location of the above works is shown on sheet nos. 3,7,9 and 10 of the Works Plans.

#### **Work No. 4D**

Temporary rail spur off the Saxmundham to Leiston branch line to provide a rail siding in land east of Eastlands Industrial Estate, to include—

- (a) earthworks, including embankments, cuttings and retaining structures;
- (b) railway tracks, sidings, vehicle inspection buildings and material handling areas; and
- (c) demolition/removal of any temporary structures and landscape works.

The location of the above works is shown on sheet nos. 3 and 10 of the Works Plans.

### *Sports facilities*

#### **Work No. 5**

Landscape works including one 3G Pitch and two multi-use games courts, with associated fencing and floodlighting.

The location of the above works is shown on sheet no. 11 of the Works Plans.

### *Fen meadows and marsh harrier habitat*

#### **Work No. 6**

(Fen meadow habitat, Halesworth): Landscape and ecological works including earthworks, drainage and associated water control structures.

The location of the above works is shown at sheet no. 12 of the Works Plans.

#### **Work No. 7**

(Fen meadow habitat, Benhall): Landscape and ecological works including earthworks, drainage and associated water control structures.

The location of the above works is shown at sheet no. 13 of the Works Plans.

#### **Work No. 18**

(Fen meadow habitat, Pakenham): Landscape and ecological works including earthworks, drainage and associated water control structures.

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The location of the above works is shown at sheet no. 28 of the Works Plans.

*Northern park and ride*

**Work No. 9**

- (a) A temporary park and ride facility with up to 1,250 car parking spaces (excluding pick-up spaces, minibus/van/bus spaces, motorcycle spaces and bicycle spaces), to include—
  - (i) earthworks including ground levelling, creation of spoil bunds and temporary stockpiling; utilities trenches; surface water drainage system including infiltration basins and swales; foul water drainage system;
  - (ii) internal access roads;
  - (iii) landscape works; including the provision of ecological habitat, hardstanding, and vehicle, motorcycle and bicycle parking areas;
  - (iv) bus terminus area, bus stops and shelters and associated structures;
  - (v) buildings including amenity / welfare, administration, and security;
  - (vi) CCTV poles and mountings, lighting poles and fittings;
  - (vii) perimeter and internal fencing, signage, secured entrance gates, barriers and ecological fencing; and
  - (viii) demolition / removal of any temporary structures and landscape works and restoration works.
- (b) Highway works including a roundabout, realignment of a section of the A12 and Willow Marsh Lane; realignment of private access track; revised kerbs, road markings, new highway signage, footways and paved areas; and site reinstatement, including landscaping and reinstatement of the existing A12 alignment following cessation of operational use of Work No 9(a).

The location of the above works is shown on sheet no. 15 of the Works Plans.

*Southern park and ride*

**Work No. 10**

- (a) A temporary park and ride facility with up to 1,250 car parking spaces (excluding pick-up spaces, minibus/van/bus spaces, motorcycle spaces and bicycle spaces), to include—
  - (i) earthworks including ground levelling, creation of spoil bunds and temporary stockpiling; utilities trenches; surface water drainage system including pumping station and infiltration basins, swales and underground attenuation; foul water drainage system;
  - (ii) internal access routes;
  - (iii) landscape works; including the provision of ecological habitat, hardstanding, and vehicle, motorcycle and bicycle parking areas;
  - (iv) bus terminus area, bus stops and shelters and associated structures;
  - (v) traffic incident management area;
  - (vi) buildings including amenity / welfare, administration, and security;
  - (vii) CCTV poles and mountings, lighting poles and fittings;
  - (viii) perimeter and internal fencing, signage, secured entrance gates, barriers and ecological fencing; and



- (ix) demolition / removal of any temporary structures and landscape works and restoration works.
- (b) Highway works, including revised kerbs, road markings, new highways signage, to the B1078, the northbound slip road between B1078 and the A12, and the A12 northbound carriageway.

The location of the above works is shown on sheet no. 16 of the Works Plans.

*Two village bypass*

**Work No. 11A**

Works associated with the construction of Work No. 11B and Work No. 11C, to include—

- (a) site preparation works including construction hoardings, perimeter enclosure, ecological fencing and security, construction related buildings, structures, plant, machinery and construction lighting;
- (b) earthworks including creation of acoustic bunds, utilities trenches, surface water drainage system including balancing ponds and landscape works, including ecological works;
- (c) access roads, tracks and hardstanding;
- (d) construction of bridges and civil structures;
- (e) highway works including kerbs, footways and paved areas;
- (f) traffic signal poles and fittings;
- (g) lighting poles and fittings; and
- (h) perimeter fencing, ecological fencing, animal corrals, signage, gates and barriers.

**Work No. 11B**

A bypass of Farnham and Stratford St Andrew, to include—

- (a) a road (2.4km in length) commencing at a new four-arm roundabout to the east of Parkgate Farm and Stratford Plantation and terminating at a new four-arm roundabout to replace the existing junction of the A12 with the A1094 (Friday Street), and including a bridge crossing of the River Alde;
- (b) associated realignments and tie-ins of existing roads bi-sected by the bypass and other existing roads adjoining the bypass; and
- (c) new and altered private means of access.

**Work No. 11C**

A footbridge over the bypass (Work No. 11B(a)) 150m east of Farnham Hall.

The location of the above works is shown on sheet nos 17 and 18 of the Works Plans.

*Sizewell link road*

**Work No. 12A**

Works associated with the construction of Work No. 12B, Work No. 12C and Work No. 12D, to include—

- (a) site preparation works including construction hoardings, perimeter enclosure, ecological fencing and security, construction related buildings, structures, plant, machinery and construction lighting;
- (b) earthworks including creation of acoustic bunds, utilities trenches, surface water drainage system including flood relief basins and landscape works, including ecological works;

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- (c) access roads, tracks and hardstanding;
- (d) construction of bridges and civil structures;
- (e) highway works including kerbs, footways and paved areas;
- (f) traffic signal poles and fittings;
- (g) lighting poles and fittings; and
- (h) perimeter fencing, ecological fencing, animal corrals, signage, gates and barriers.

**Work No. 12B**

A bypass of Middleton Moor and Theberton, to include—

- (a) a road (6.8km in length) commencing at a new three-arm roundabout located 180m north of The Red House Farm and terminating at a new three arm roundabout on the B1122 (west of the main development site), and including a bridge over the East Suffolk line;
- (b) associated realignments and tie-ins of existing roads bi-sected by the bypass and other existing roads adjoining the bypass; and
- (c) new and altered private means of access.

**Work No. 12C**

A motorised user bridge over Work No. 12B(a), connecting to Pretty Road on either side.

**Work No. 12D**

- (a) A junction to Moat Road to maintain access to properties including Theberton Grange and Moat House.
- (b) Realignment of the road to Theberton Grange for 300m to join George Road.

The location of the above works is shown on sheet nos. 18, 19, 20, 21 and 22 of the Works Plans.

*Freight management facility*

**Work No. 13**

- (a) A temporary freight management facility with up to 154 HGV parking spaces (excluding HGV screen and search lanes, staff and visitor car parking, minibus/van/bus spaces, motorcycle spaces and bicycle spaces), to include—
  - (i) earthworks including ground levelling, creation of spoil bunds and temporary stockpiling; utilities trenches; surface water drainage system including infiltration system, swales and underground attenuation areas; foul water drainage system;
  - (ii) internal access routes;
  - (iii) landscape works; including the provision of ecological habitat, hardstanding, and vehicle, motorcycle and bicycle parking areas;
  - (iv) amenity, welfare and security buildings; and
  - (v) demolition / removal and site reinstatement including landscaping following cessation of operational use;
- (b) Highway works to Felixstowe Road to include widening of the highway and temporary site access.

The location of the above works is shown on sheet no. 23 of the Works Plans.

*Yoxford roundabout and other highway improvement works*

**Work No. 14A (Yoxford roundabout)**

Work associated with the construction of Work No. 14B, to include—

- (a) earthworks including creation of landscape planting, utilities trenches and surface water drainage system;
- (b) access roads and hardstanding; and
- (c) kerbs, footways and paved areas.

The location of the above works is shown on sheet no. 24 of the Works Plans.

**Work No. 14B**

(Yoxford roundabout): Carriageway widening and surface treatment to create a new three arm roundabout with realignment of the existing A12 and B1122 and removal of the existing A12 and B1122 ghost island junction, the location of which is shown on sheet no. 24 of the Works Plans.

**Work No. 15**

(A12/B1119 junction at Saxmundham): Improvements to the A12 and B1119 junction to include maintenance of vegetation along the highway boundary, alteration of the B1119 at the junction with the A12 and provision of additional or alterations to existing signage and road markings, the location of which is shown on sheet no. 25 of the Works Plans.

**Work No. 16**

(A1094/B1069 junction south of Knodishall): Improvements to the A1094 and B1069 junction to include maintenance of vegetation along the highway boundary and provision of additional or alterations to existing signage and road markings, the location of which is shown on sheet no. 26 of the Works Plans.

**Work No. 17**

(A12/A144 junction south of Bramfield): Improvements to the A12 and A144 junction to include provision of central reservation island and waiting area on the A12, widening of the A12, provision of pedestrian walkways and dropped kerbs and provision of a verge, the location of which is shown on sheet no. 27 of the Works Plans.