Yaxley Substation

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Design Principles from DCO Stage

- 2. Siting, design and layout of the proposed buildings to respond positively to the **receiving environment**.

- 3. Buildings, structures and means of enclosure to be **sensitive**

- To use **recessive** materials to minimise the visual impacts
Design Principles from DCO Stage

15. Breaking up the facades and roof profiles into **vertical sections** through the use of materials and design details.

16. The external materials and shall be **recessive** in colour.

17. Incorporate **architectural features** to add visual interest while acknowledging the need for **simplicity** in the form and design.
Colour, tones and profile of the cladding will assist in blending into the surrounding landscape.

The Cladding scale and colour will be arranged vertically to ensure the buildings are grounded into the surrounding landscape.

The use of more earthy colours to reflect the agricultural and rural area.
The colour and finish will be neutral.

Recognition of the horizontal strata of existing landscape foreground and mature tree lines and hedgerows in the far distance.

The visual reference for this design mitigation approach is that of agricultural farm building structures in the wider landscape.
Perimeter landscaping and land modelling around the perimeter assist in the visual mitigation particularly from mid and long distances.
Ancient Plateau Claylands (landscape character type)

- Landholding & enclosure (field) pattern
- Removal of hedges to amalgamate fields – open ‘prairie landscape’
- Visual experience – ‘views are frequently open, though some woodland present in views’
- Condition – ‘historical field pattern thinned out’
- Development management – ‘long-term landscape enhancement’
Landscape Character
Landscape Character

- Hedgerows and copses
- Wooded edge to Judas Lane
Landscape Character
Colour in the landscape

The following colour study is based on reducing representational views through colour tables and examining the most common objects.

- RAL 5024: Dusty Blue
  - RAL 1005: 116, 222
- RAL 7017: Old Grey
  - RAL 3020: 208, 218
- RAL 7016: Phantom Grey
  - RAL 144: 141, 159
- RAL 6003: Green Brown
  - RAL 1061: 118, 71
- RAL 8032: Olive Green
  - RAL 6005: 119, 122
Colour in the landscape

The following colour study is created from reducing representative views down to colour patches and adjusting the mid corn colours.
Vernacular study
Vernacular study
Vernacular study
Vernacular study
Vernacular study – colour of roofscape
Vernacular study – colour of roofscape
Existing
Proposed substation & planting
Terminology

- Ridge
- Eaves
- Gable end
Local vernacular – building heights & details
Option 1
Option 2a
Option 2b – ‘Vernacular’
Option 3 – ‘Recessive’
Colours

The following section highlights the most common colours as shown in
Marlborough Green on a neutral day in Winter.

- **RAL 7044: Medien Grey**
  - RGB: 57, 82, 119
- **RAL 7047: Tiefgrau 4**
  - RGB: 238, 238, 238
- **RAL 8019: Dunkelbraun**
  - RGB: 16, 63, 68
- **RAL 6025: Türkis Grün**
  - RGB: 76, 15, 1
- **RAL 6023: Ockergrün**
  - RGB: 57, 15, 1
Colours

The following section highlights the most commonly used colours as shown in RAL 5018, which represent different parts of the National Grid.
Landscape Proposals
Photomontage VP22
For discussion ...

- Massing – which option would integrate best into the local landscape character & public views?
- Materials – which options help to reduce the apparent scale of the building more?
- Colour – which proposed colours would be most in keeping with the landscape?
- Of all the options, including option 2b ‘Vernacular’ & option 3 ‘Recessive’ …. Which do you prefer?