

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

Annex 3 – Electrical Connection Compound Design Sheet

- **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.

Annex 3 – Electrical Connection Compound Design Sheet

- 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.

Annex 3 – Electrical Connection Compound Design Sheet

- Perimeter landscaping and land modelling around the perimeter assist in the visual mitigation particularly from mid and long distances.

Landscape Character Assessment

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 created from reducing representative views down to colour blocks and selecting the most common colours.



-  RAL 5024 Pastel Blue
RGB 135, 176, 222
-  RAL 7047 Telegraphy 4
RGB 205, 206, 211
-  RAL 7036 Platinum Grey
RGB 149, 141, 139
-  RAL 8000 Green Brown
RGB 140, 118, 71
-  RAL 6003 Olive Green
RGB 80, 79, 22

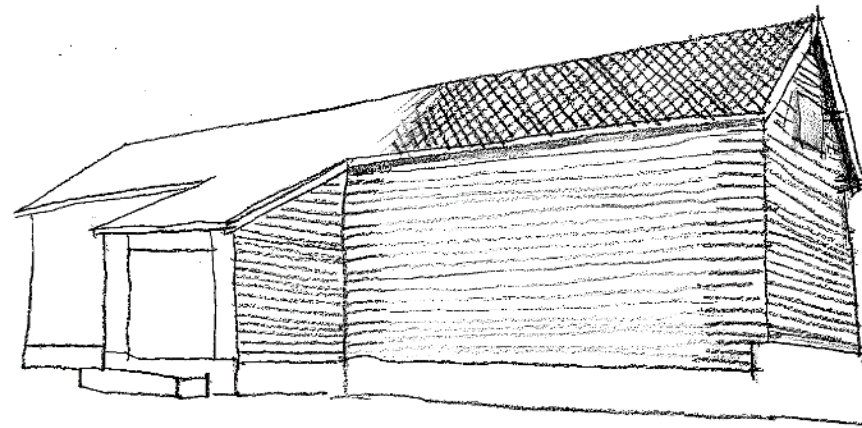
Colour in the landscape



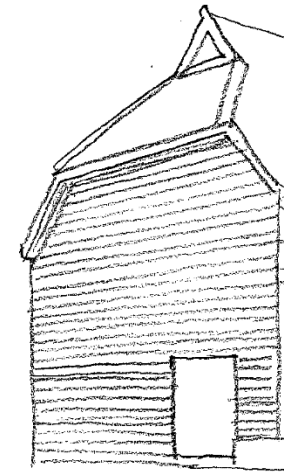
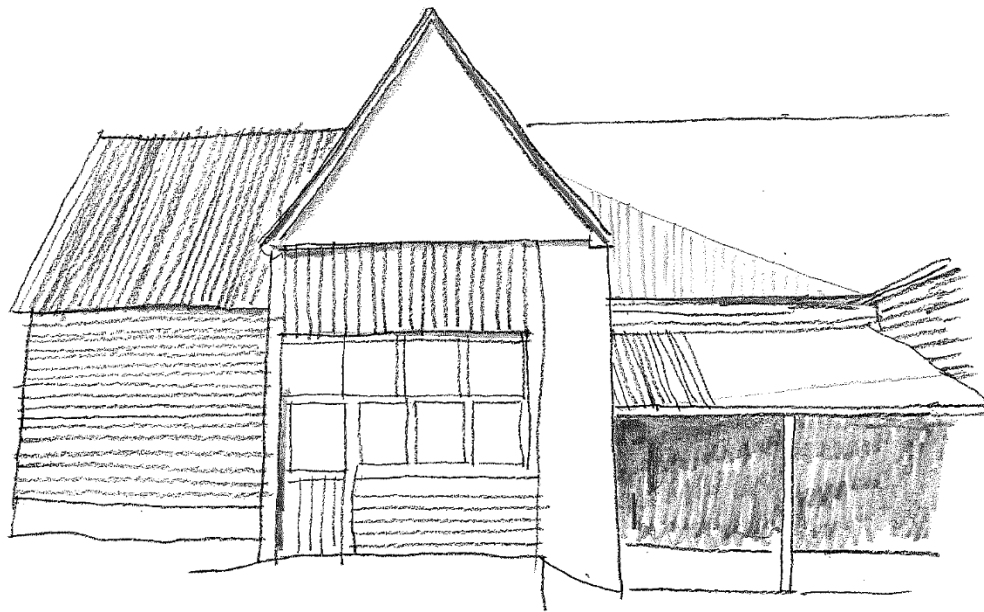
The following colour study is created from reducing representative views down to colour blocks and selecting the most common colours

-  RAL 7040 Window Grey
RGB 57, 53, 31
-  RAL 7047 Telegraphy 4
RGB 205, 208, 211
-  RAL 8019 Grey Brown
RGB 64, 56, 56
-  RAL 6025 Fern Green
RGB 78, 93, 41
-  RAL 6020 Chrome Green
RGB 57, 53, 31

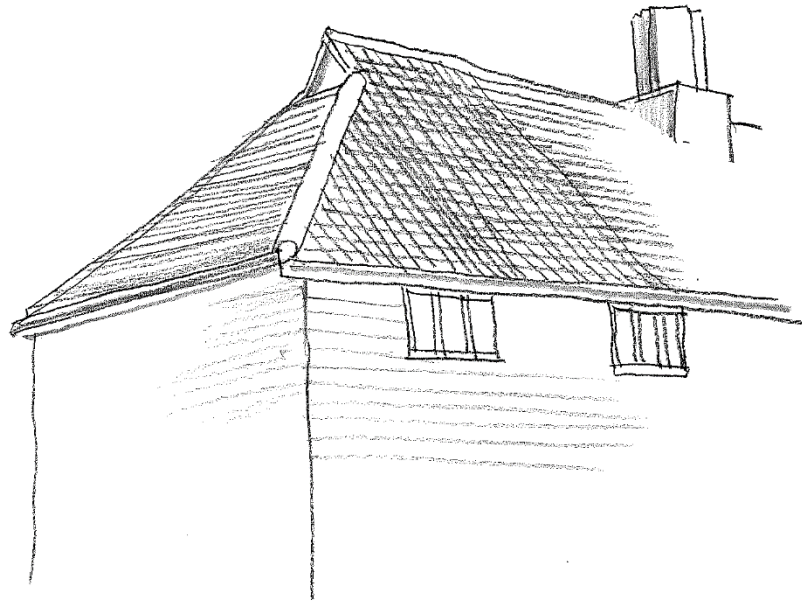
Vernacular study



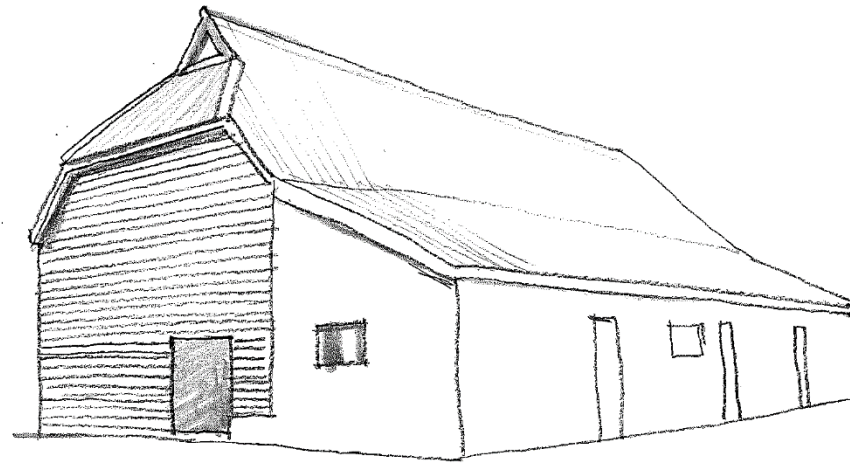
Vernacular study



Vernacular study



Vernacular study



Vernacular study – colour of roofscape



Vernacular study – colour of roofscape



Existing



Proposed substation & planting



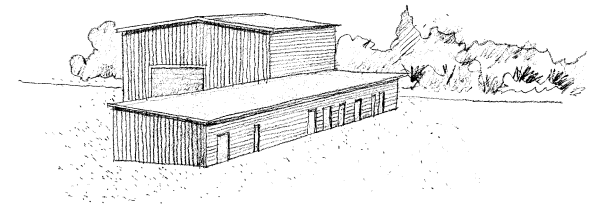
Terminology



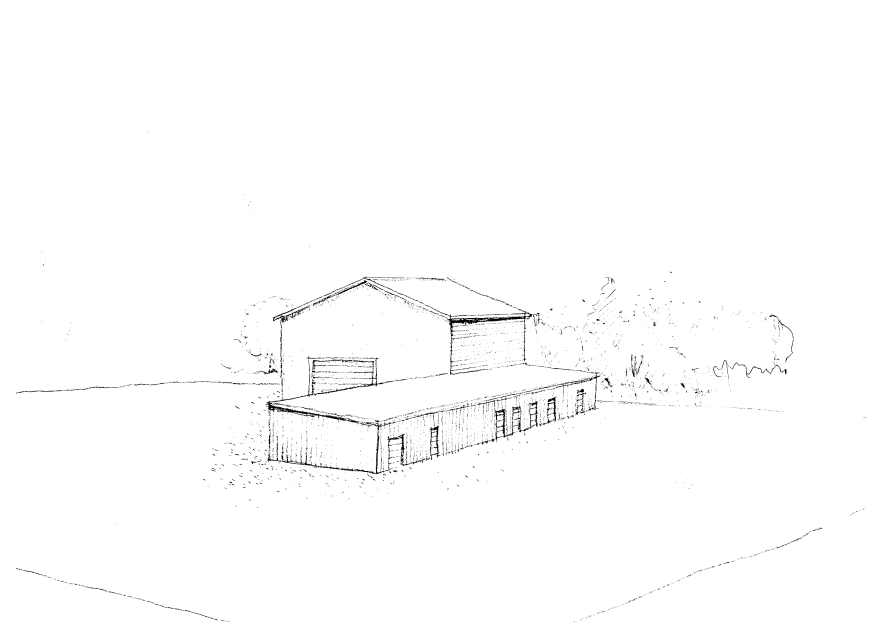
Local vernacular – building heights & details



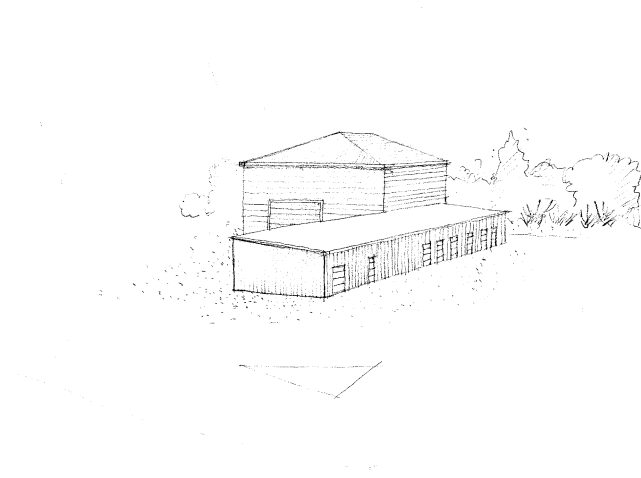
Option 1



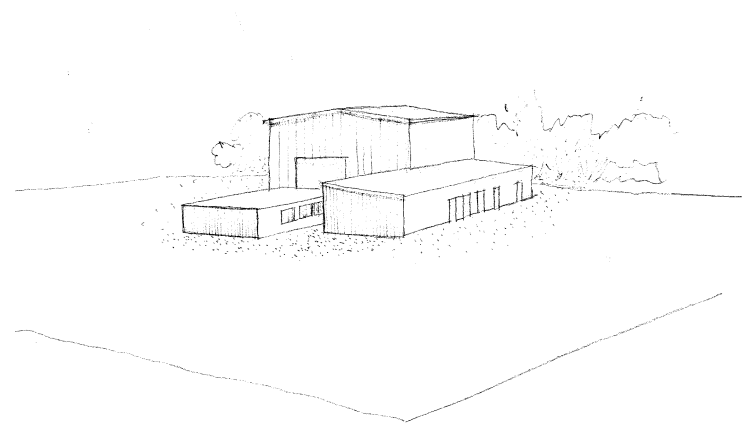
Option 2a



Option 2b – ‘Vernacular’



Option 3 – ‘Recessive’



Colours

The following palette highlights the most common colours as shown in IN492.001 at viewpoint 21 on a sunny day in Winter



RAL 5024 Pastel Blue
 RGB 135, 178, 222

RAL 7047 Telegrey 4
 RGB 205, 208, 211

RAL 7036 Platinum Grey
 RGB 149, 141, 139

RAL 6000 Green Brown
 RGB 140, 119, 71

RAL 6003 Olive Green
 RGB 80, 75, 22

TEP | **THE ENVIRONMENT PARTNERSHIP**
Environment Partnership, The Environment Partnership, The Environment Partnership, The Environment Partnership, The Environment Partnership

Project: Progress Power Landscape Advice
 Ref: IN492.003

Date: 30
 Drawn: A.J.G.
 Revised: R.J.C.
 Date: 25/01/2018
 Title: VP21 Colour Palette

Name: Colour Palettes of Representative Viewpoints

Landscape Proposals



Photomontage VP22



Existing view



Site

The site is located on the eastern side of the proposed development site, adjacent to the existing line of electricity pylons in the area. The site is located at the eastern end of the proposed development site.

Visual Impact

The site is an open area, located on the eastern side of the proposed development site, adjacent to the existing line of electricity pylons in the area. The site is located at the eastern end of the proposed development site.

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Project Name	VP22	Client	National Grid
Project Number	VP22	Project Manager	VP22
Version	001	Author	VP22
Date	2018	Reviewer	VP22
Scale	1:1000	Project Status	Approved

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?