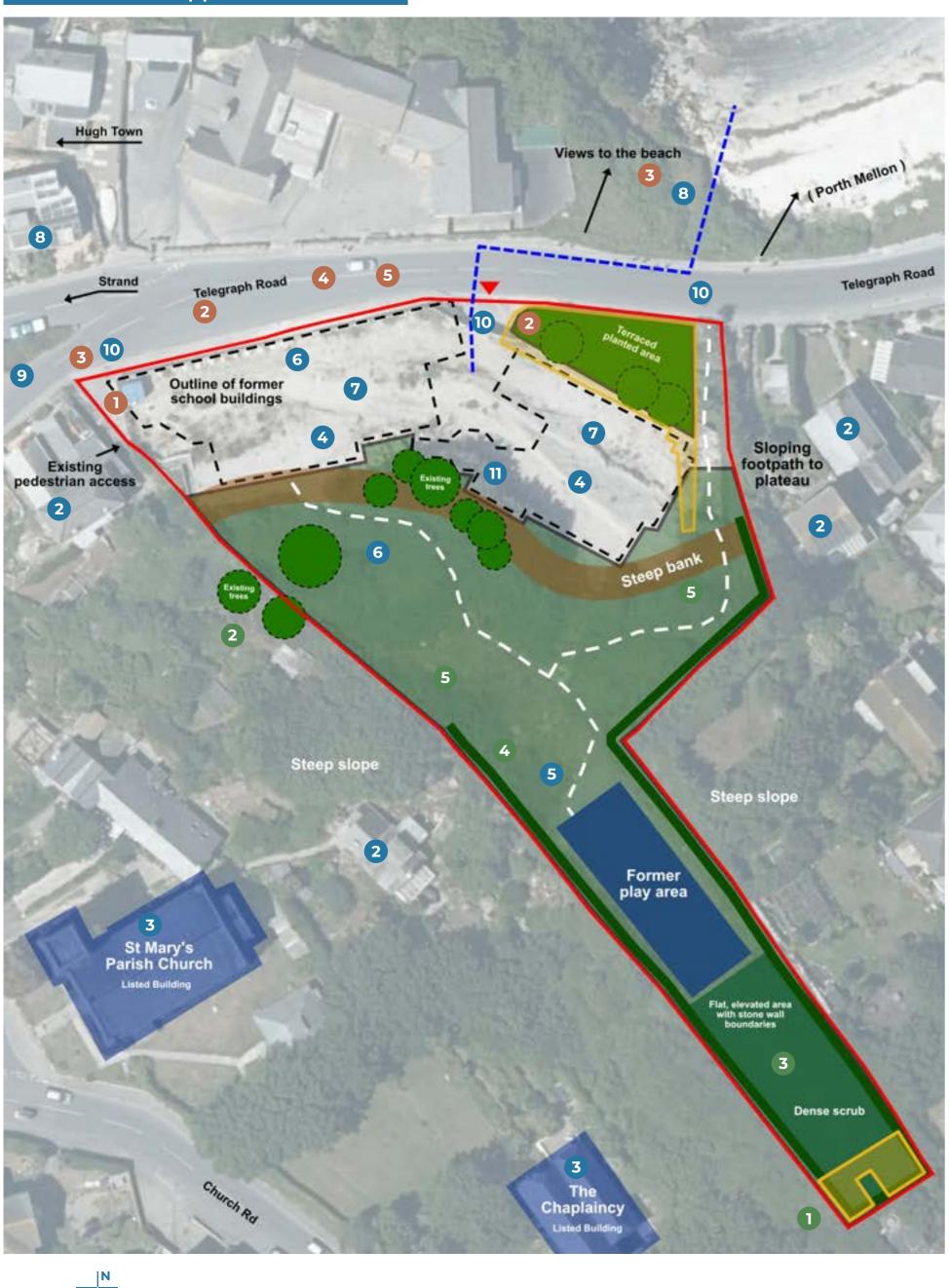
# Carn Thomas Site, Isles of Scilly Concept Design Sheet 1



#### **Constraints & Opportunities Plan**



#### Perspectives





Appropriate massing

#### **Physical Constraints**

- Site boundary
- Adjacent buildings
- Proximity of nearby Listed Buildings
- Steep gradients
- Difficult to service / access south of site

Drainage easement across NW corner of site

**Existing storm water drain** 

## **Physical Opportunities**

Existing Hedgerow

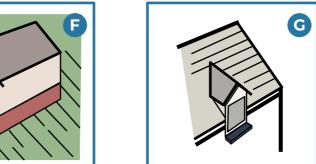
East West orientation to follow existing topography

Area of Invasive Plant Species

- Level platform of footprint of former Secondary School
- Coastal / sea views
- Close proximity to Hugh Town centre
- Existing vehicular & pedestrian access points
- Sheltered location on leeward hillside slope

Preserve skylines

Chimneys



Following contours Traditional dormer

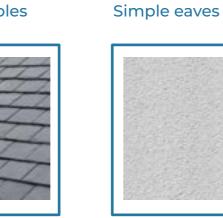


Defensible space

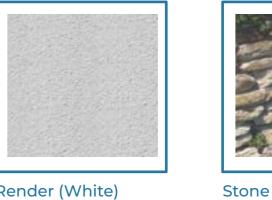


B

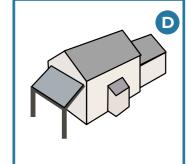
Protected gables



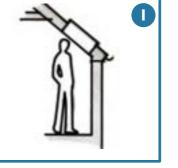
Roof lights



Render (White)



Simple roofscapes



Appropriate privacy

Local details



Lean-to outbuilding

South facing roofs

Single/double porch



Cladding

#### **Environmental Constraints**

**Infrastructure Constraints** 

- Area of invasive species
- Existing trees

#### **Infrastructure Opportunities**

- Onsite electrical connection
- Existing storm water sewer connection
- Existing foul sewer connection
- Existing water main supply

### **Environmental Opportunities**

- Dense scrub potential for habitat creation
- Species poor hedgerow
- Soft landscaped areas to enhance biodiversity

# Summer: Evening

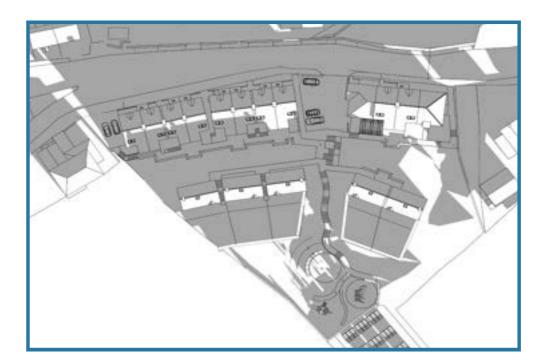


Winter: Morning

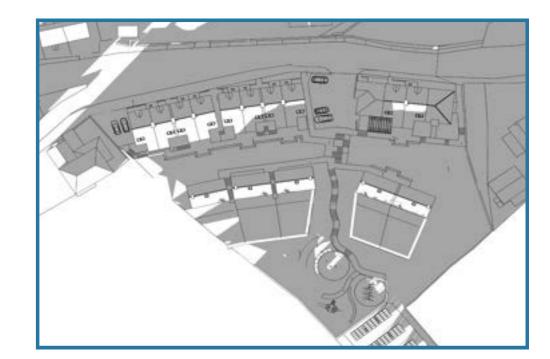
suggested

palette of

local materials



Winter: Evening



## Sun path studies

Summer: Morning

