

- NOTES**
- TREE PIT CONSTRUCTION:**
  - Standards / Extra Heavy Standards (12-14cm - 18-20cm girth) located within soft landscape areas
  - Tree pits for individual standard and extra heavy standard trees shall be formed to the dimensions 1300 x 1300mm square.
  - To relieve any compaction, the walls and base of the pit shall be loosened, with a fork for example, prior to back-filling. The base shall be broken up to a minimum depth of 250mm.
  - The lower half of the tree pit shall be back-filled with 300mm depth washed, medium coarse sand laid over 300mm pea gravel (5-7mm diameter)
  - The upper half of the tree pit shall be backfilled with topsoil, ameliorated with compost and fertiliser as specified.
  - Soil arisings from the tree pit excavation shall either be re-used on site or shall be removed from site.
  - Trees to be secured with 3 No. sweet chestnut stakes and rubber ties. Stakes min. length 2m
  - Where trees are planted in close proximity to existing or proposed walls/structure or underground services, a root barrier will be installed.

- MAINTENANCE:**
- Maintenance operations are geared towards the full establishment of healthy trees with good long-term shape and canopy structure. Trees also need to be managed to ensure long-term health and safe condition, and avoidance of conflict with buildings and other site features.

- Weed Control**
- Maintain area of the rootball in a weed free condition. Monitor the growth of shrub material and grass around the base of trees to ensure trees are not suffering from undue competition.
  - Remove selected plants as may be necessary.
  - For all trees maintain a one metre diameter mulched clear zone around the base of trunk for first three years after planting and 500mm diameter area for older trees.

- Stakes & Ties**
- All accessories are to be checked at the time of each maintenance visit.
  - Adjust stakes and ties to allow for increases in stem growth, checking during May/June and September/October in each year.
  - Ties must be adjusted to allow for stem thickening in the autumn.
  - Ensure accessories do not rub against trees.
  - Replace broken or damaged accessories as and when any damage or breakages are found and remove redundant stakes and ties as appropriate.
  - All stakes and ties ought to be removed from healthy trees by the end of the third winter after planting. Trees still requiring support after this time should have stakes reduced in height to one third of stem height.

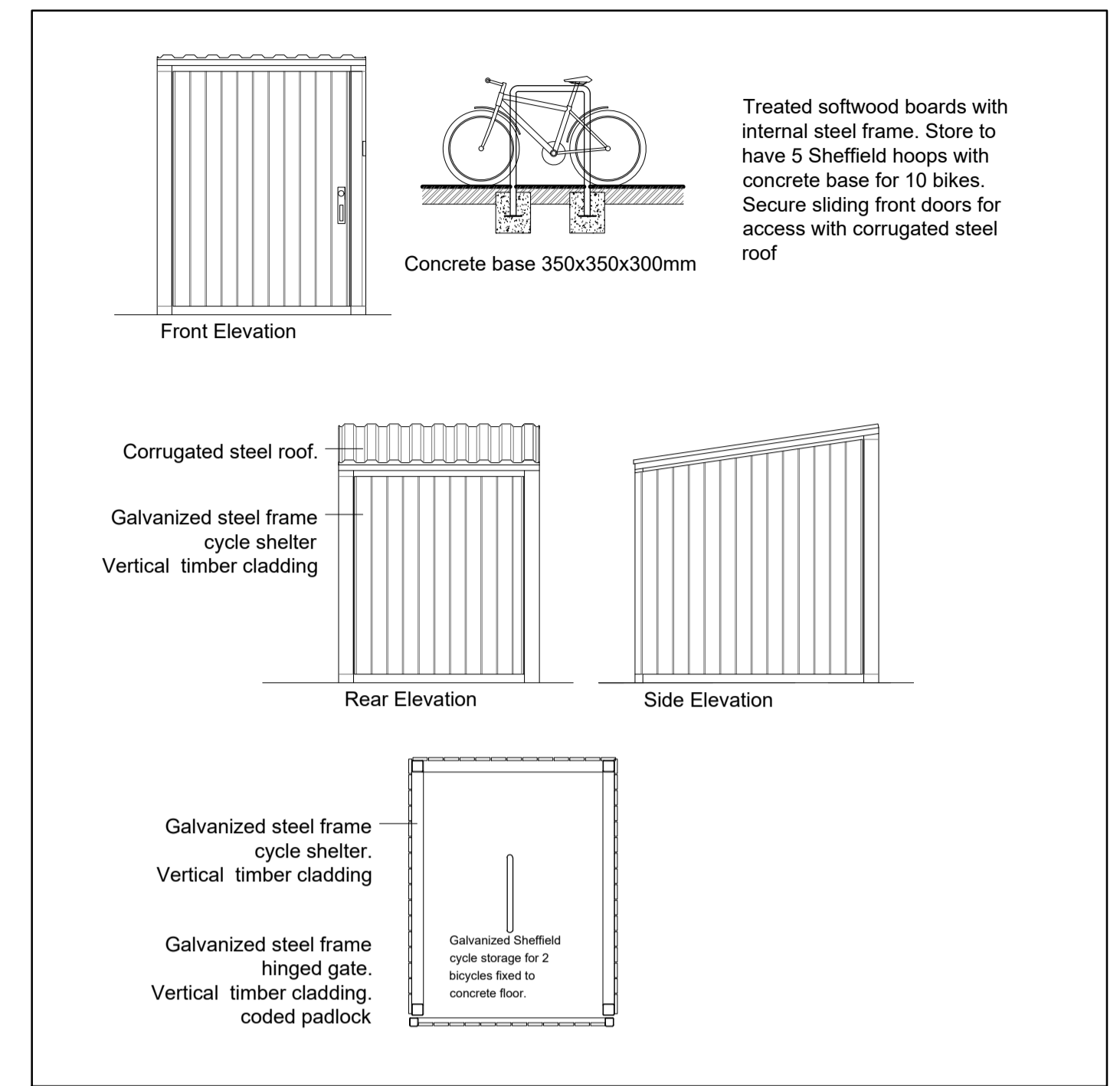
- Fertiliser**
- Apply mycorrhizal inoculant at time of planting in accordance with manufacturers recommendations.

- Watering**
- Allow for top watering as necessary during the 24 month establishment period (following Practical completion), and during drought periods up to five years following planting.
  - The principal watering of trees should be through top watering, with the surface of the soil around each tree slightly dished to hold irrigation water. If necessary, the bark mulch should be partially pulled away from the ground over the rooting zone to produce a dishing effect.
  - During the initial two year establishment phase, watering should occur, particularly during dry spells at a minimum of three times a week. Apply sufficient water to bring whole root ball to moist condition. The frequency of watering should be subject to review following inspections of the trees and the moisture content of the rootballs.
  - All watering should occur in a slow, controlled manner, allowing the water to percolate the soil surface. Should water run off the soil surface, the speed / volume of the application should be adjusted. It should be noted that manual watering can result in the loss of 50% of the water through evaporation before it percolates the ground.
  - Between 50-200 litres of water should be applied per tree. The quantity of water required is dependant on tree species, size, location and weather conditions, and adjusted as necessary.

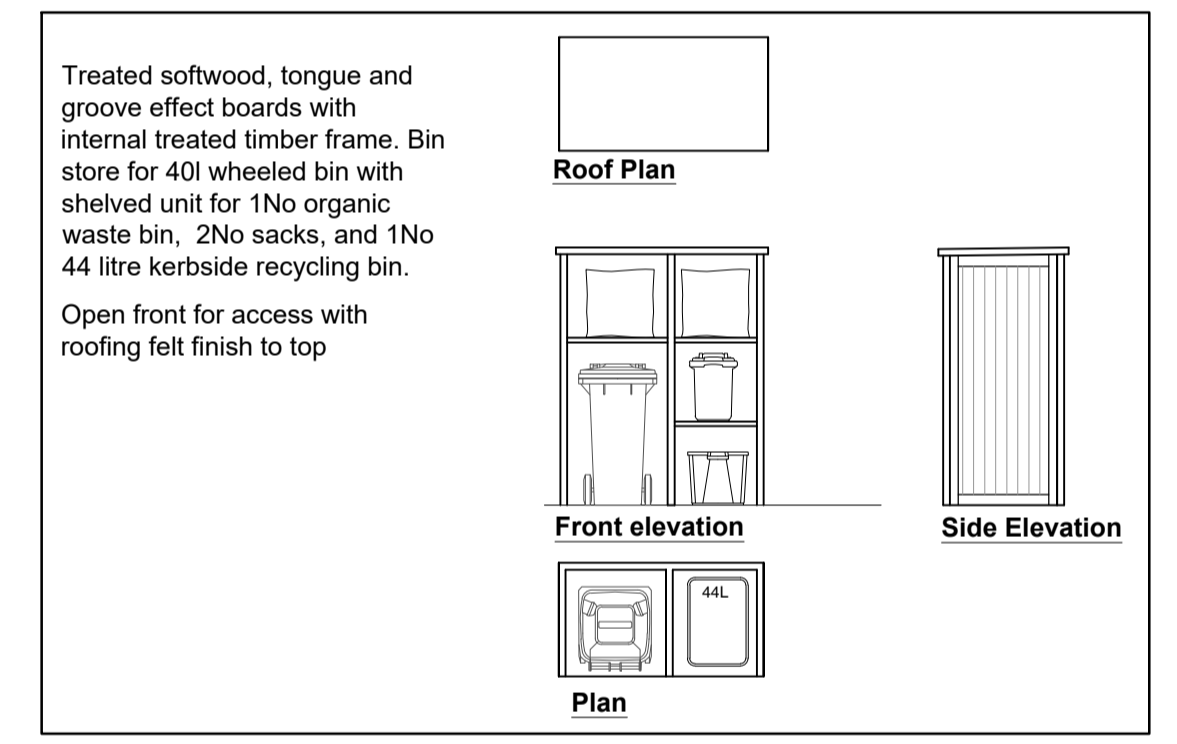
- Formative Pruning**
- During the winter months inspect the shape of all trees and allow for formative pruning to appropriate species to ensure continued development of even shape and single central leader.
  - Check for damaged branches after storms or strong winds and remove any damaged growth. Cut back to clean sound wood with angled cuts. Epicormic buds to be rubbed off and basal growth to be pruned off.

- Replacements**
- Monitor establishment of trees during the defects period. Where stock fails to establish, seek instruction for replacement planting. Any replacements must be with matched stock from an appropriate supplier, and planting should take place between November and the end of March

New imported topsoil and subsoil specification to meet BS8601:2013 for subsoil (including remediation of compacted soils) and BS3882:2015 for topsoil. Imported soil supply tested and recommendations implemented to ensure successful establishment of planting.

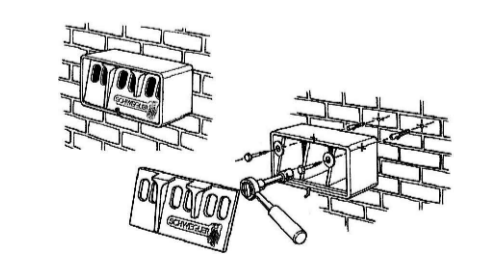


**Cycle Store**  
Scale 1:50

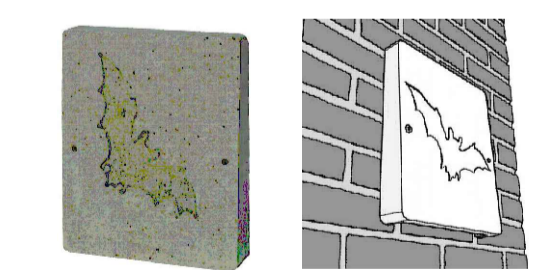


**Bin Store**  
Scale 1:50

**ST Sparrow Terrace**  
Material: SCHWEGLER wood-concrete.  
Installation height: 2 - 7metres above ground level.  
Dimensions of the three brood chambers: W 10.5 x H 16 x D 15 cm  
External dimensions: W 43 x H 24.5 x D 20 cm.



**BB Bat Box Shelter**  
Material: SCHWEGLER wood-concrete.  
Installation: mount it on a wall surface facing south or east.  
Dimensions : W 25 x H 30 x D 5 cm



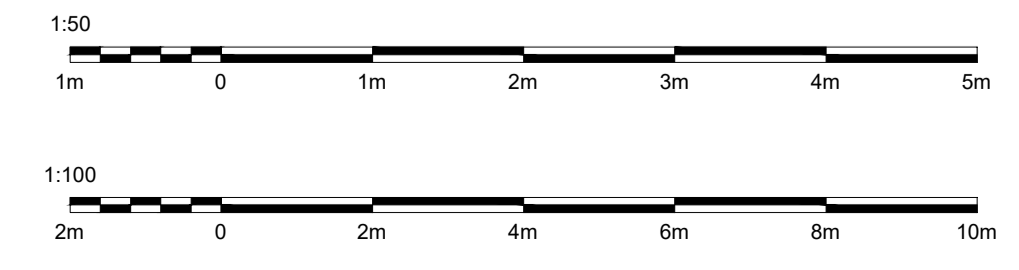
- Planning Application boundary
- 1.8m high feather edge fence
- 1.4m high feather edge fence
- New red brick boundary wall. Height to match existing
- Proposed tree  
Refer to planting plan
- Lawn  
Turf laid on max 1:20 sloped rear garden
- Planting type A: Structure planting  
Small to medium predominantly native shrubs, selected for screening function and wildlife value
- Planting type B: Garden beds  
Perennials and small shrubs, selected for sensory qualities: colour, texture, scent and movement
- Planting type C: Street planting beds  
Robust perennials and small shrubs suited to challenging street environment. High evergreen content.

- PLANTING LISTS**
- TREES** (refer to planting plan)
- Prunus avium - Wild Cherry
  - Corylus avellana - Common Hazel

**SHRUBS & PERENNIALS LIST**  
Note: The following species lists are subject to detail design

- Shrubs:**
- Aronia melanocarpa 'Hugin' - Black Chokeberry
  - Amelanchier alnifolia - Western Juneberry
  - Hebe topiaria
  - Rosa rugosa
  - Cornus sanguinea 'Midwinter Fire'
  - Euonymus europaeus
  - Viburnum opulus
- Herbs**
- Lavendula angustifolia - Lavender
  - Rosmarinus officinalis - Rosemary
  - Origanum vulgare - Origan
- Herbaceous Perennials:**
- Achillea 'Terracotta' - Yarrow
  - Alchemilla mollis - Lady's Mantle
  - Knautia macedonica - Scabious
  - Libertia grandiflora - Libertia
  - Echinacea purpurea - Purple Cone flower
  - Hemerocallis 'Kwanso' - Day Lilly
  - Stachys byzantina - Lambs ears
  - Verbena bonariensis - Verbena
  - Euphorbia graffiti - Graffiti Spurge
  - Polystichum setiferum - Soft shield fern
  - Matteuccia struthiopteris - Shottlecock fern
  - Galium oderatum - Sweet Woodruff
- Grasses:**
- Calamagrostis x acutiflora Karl Foerster
  - Hakonechloa macra - Hakonechloa
  - Stipa tenuissima - Mexican feather grass
  - Anemathele lessoniana

Landscaping Plan



PROJECT:  
**140 Caerleon Rd Newport**

TITLE:  
**Proposed Landscaping**

SCALE: 1:100@A1      DATE: July 24      DRAWN BY: ams

DRAWING NUMBER: 4304.PL.11      REVISION: D