

NOTES

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This drawing must not be scaled. Dimensions are in millimetres unless specified.

Fix to facade - 1No. 1SP Schwegler Sparrow Terrace
Locate 3 - 4m above ground

Bird Box Positioning within mature trees
2No. 2GR Schwegler Nest Boxes,
1 Oval 30x45mm, 1 three hole 27mm holes
• Nest boxes should be hung at a height of 23m
• Boxes should be angled so that they face away from the prevailing wind (i.e. facing in a north - west direction).

Bird & bat boxes to be fixed to the 3 brick stair external core walls of the new building.
5No.1FR Schwegler Bat Tubes recessed flush into brickwork and 1No. Schwegler 2FTH Summer bat box fixed to the brickwork. Box & tubes facing south, south east or south west away from artificial light sources at least 4m above ground level.

3 bat tubes plus 1 Summer bat box

Bird Box Positioning - 1BSchwegler Nest Box, 32mm entrance hole
• Nest boxes should be hung at a height of 23m
• Boxes should be angled so that they face away from the prevailing wind (i.e. facing in a north - west direction).

2 Hedgehog boxes HHB
Vivara Pro Woodstone Hedgehog House
Locate the hedgehog boxes in a quiet shaded part of the site near vegetation, hedge, fence, wall or bank with the entrance hole out of the weather (ideally facing East to South)

8x Euroflood Maxiled high output IP66 rated LED Floodlights on 15m posts

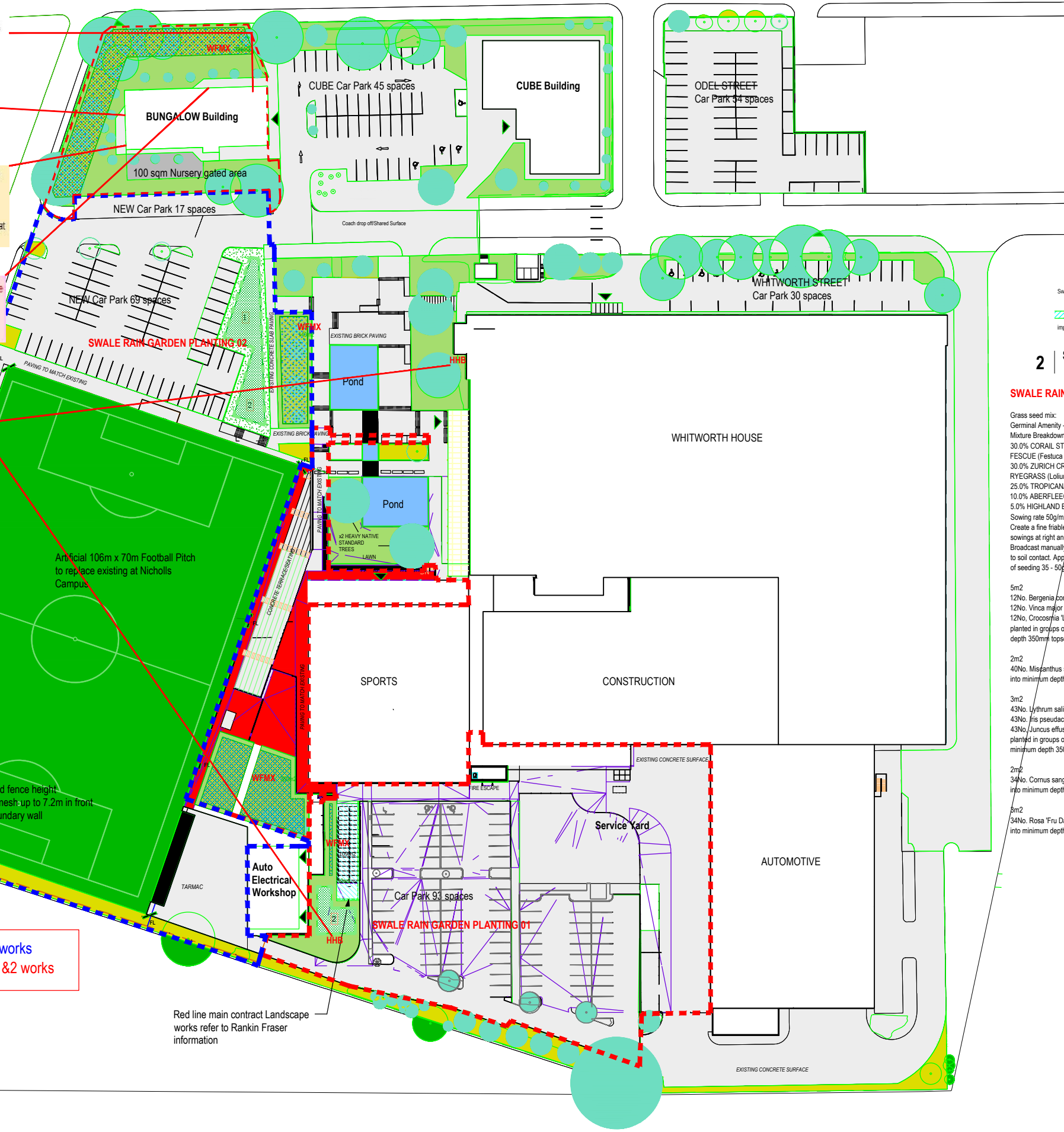
Artificial 106m x 70m Football Pitch to replace existing at Nicholls Campus

Extend fence height with mesh up to 7.2m in front of boundary wall

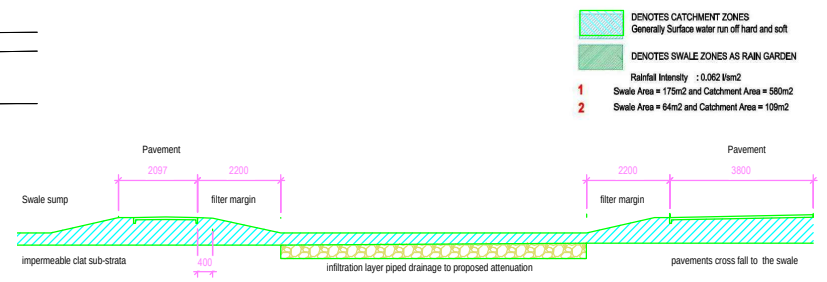
Phase 3 works
Phases 1&2 works

Red line main contract Landscape works refer to Rankin Fraser information

REV	DATE	REVISION NOTE	BY	CHECK



Illustrative Swale rain gardens

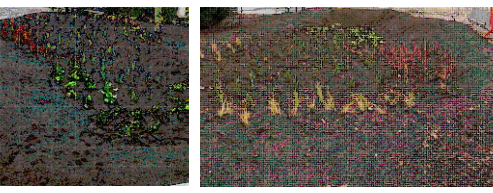


2 Swale sump detail

1:100

SWALE RAIN GARDEN PLANTING 01

Grass seed mix:
Germinal Amenity - A3 (Embankments & Drought)
Mixture Breakdown
30.0% CORAIL STRONG CREEPING RED
FESCUE (*Festuca rubra rubra*)
30.0% ZURICH CREEPING PERENNIAL
RYEGRASS (*Lolium Perenne*)
25.0% TROPICANA TALL FESCUE (*Festuca arundinacea*)
10.0% ABERFLEECE SHEEPS FESCUE (*Festuca ovina*)
5.0% HIGHLAND BROWNTOP BENTGRASS (*Agrostis castellana*)
Sowing rate 50g/m², sowing depth 10mm. Over 150mm depth of topsoil.
Create a fine friable seedbed down to 150mm in depth. Carry out two equal sowings at right angles to each other and diagonally to main axis.
Broadcast manually or use seed drill, rake level and roll. Ensure good seed to soil contact. Apply Agrosil LR 0-20-0 (+20% silicate) fertilizer at the time of seeding 35 - 50g/m² also from Germinal Amenity



HABITAT OPPORTUNITY

Newts Frogs

SWALE RAIN GARDEN PLANTING 02

refer to drawing OC-EWA-ZZ-ZZ-DR-A-29602

WFMX: Wild Flower Mix Meadow potentially 1100m² to be confirmed by the Ecologist minimum area to achieve enhancement

Proposed pollinator meadow with 1m wide mown verge. Meadow to be mown once a year (species to be confirmed with ecologist)

Proposed mix: Urban Pollinator Mix as available by Scotia Seeds (<https://www.scotiaseeds.co.uk/shop/urban-pollinator-mix/>)

- 20% WILDFLOWER
- 1.1 % *Achillea millefolium* (Yarrow)
 - 2% *Centaurea cyanus* (Cornflower)
 - 1.3% *Centaurea nigra* (Common Knapweed)
 - 0.5% *Daucus carota* (Wild carrot)
 - 1.4% *Echium vulgare* (Viper's Bugloss)
 - 1% *Glebionis segetum* (Corn Marigold)
 - 0.1% *Hypochaeris radicata* (Cat's-ear)
 - 0.5% *Knautia arvensis* (Field Scabious)
 - 0.5% *Lamium album* (White Deadnettle)
 - 0.5% *Leontodon hispidus* (Rough Hawkbit)
 - 1% *Leucanthemum vulgare* (Ox-Eye Daisy)
 - 1.5% *Papaver rhoeas* (Corn Poppy)
 - 0.2% *Primula veris* (Primrose)
 - 1.5% *Prunella vulgaris* (Selfheal)
 - 1.3% *Ranunculus acris* (Meadow Buttercup)
 - 2% *Rhinanthus minor* (Yellow Rattle)
 - 0.5% *Stachys sylvatica* (Hedge Woundwort)
 - 0.5% *Succisa pratensis* (Devil's-bit Scabious)
 - 0.5% *Taraxacum officinalis* (Dandelion)
 - 1% *Tripleurospermum inodorum* (Mayweed)
 - 1% *Vicia cracca* (Tufted Vetch)

- 80% GRASSES
- 2% *Alopecurus pratensis* (Meadow Foxtail)
 - 4% *Anthoxanthum odoratum* (Sweet Vernal Grass)
 - 8% *Agrostis capillaris* (Common Bent)
 - 14% *Cynosurus cristatus* (Crested Dog's Tail)
 - 17% *Poa pratensis* (Smooth Stalked Meadow Grass)