Estate

**T06** - *Salix sp*; B, RPA min. 8.1 m

**Proposed Tree Surgery**
**T06-** The western aspect will require crown lifting to provide a minimum of 3m long term clearance. And the southern aspect will require a reduction of 2m to the southern aspect to provided clearance from the unit.

**H03** - Mixed Species Ornamental Hedgerow; C; RPA min. 1.8 m

**TG05** - *Prunus sp*; C, RPA min. 3.6 m

**Proposed Tree Surgery**
**TG05-** One tree from the group will require removal.

**T04** - *Sambucus nigra*; U, RPA min. 3.9 m

Contractor to locate Manholes and establish connectivity, line & level and report to engineer prior to commencement

**Tree Protection Zone - Manual Excavation / Demolition**
A *Limited Manual Excavation / Demolition Zone* shall be implemented, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*. The removal of the hard standing and excavations in this area of the site shall be undertaken with due care with hand held tools under *Arboricultural Supervision* only.

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A *Limited Manual Excavation / Demolition Zone* shall be implemented, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*. The removal of the hard standing and excavations in this area of the site shall be undertaken with due care with hand held tools under *Arboricultural Supervision* only.

**Tree Protection Barrier- Primary Location**
**After tree work has taken place the tree protection fencing must be installed in this primary location, before demolition of hard-standing takes place.**
All Tree Protection and Tree Protection Barriers to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.
Tree Protective Barrier to be 2.0 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area, or as specified.

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UNIT 2
UNIT 3
UNIT 4
UNIT 5
UNIT 6
UNIT 11

PERMEABLE PAVEMENT
32% VOIDS.
450MM STORAGE DEPTH
IL3.75

PERMEABLE PAVEMENT
32% VOIDS.
450MM STORAGE DEPTH
IL3.95

PERMEABLE PAVEMENT
32% VOIDS.
450MM STORAGE DEPTH
IL3.200

S14
CL4.500
IL3.450

Existing Curb Line

Existing Curb Line

Bins/ Bikes

Bins

Bins/ Bikes

**H28** - Single Species Native Hedgerow; C, RPA min. 1.5 m

**T01** - *Acer campestre*; B; RPA min. 4.5 m

Totem at site entrance -subject to separate advertising consent

SUNDOWN HOUSE SW DRAINAGE INVESTIGATION REQUIRED

The CCTV Survey records indicate that an existing Private SW Pump serves the site.

This is blighted by the proposed buildings and will require re-location.

EXISTING MANHOLE SW7 JUNCTION DIVERTED NORTH OF FENCE. REPLACE WITH 12000 CATCHPIT (BETTERMENT) CL 3.500 IL 2.500

EXISTING MANHOLES/COVERS MAY REQUIRE LOCAL ADJUSTMENT TO SUIT NEW KERBLINE

Acoustic Fence

Acoustic Fence

Relocated substation

Removed

Ex SWMH 5351
Size: TBC
CL 3.020
IL 2.220
D 0.900

225Ø Public Surface Water Sewer

NEW CONNECTION TO PUBLIC SURFACE WATER SEWER, SUBJECT TO SECTION 106 APPLICATION

MANHOLE WITH HYDROBRAKE FLOW CONTROL DEVICE LIMITING DISCHARGE. Max Flow: 9.0l/sec Max Head: 1.0m

GEOCELLULAR TANK 95% VOIDS. 110SQM MINIMUM 700mm COVER, HGV LOADING. 400mm DEPTH ( ROW) IL 1.950

Contractor to locate Manholes and establish connectivity, line & level and report to engineer prior to commencement.

SEPARATE SURFACE WATER SYSTEM FOR LOWER LYING ACCESS ROAD ONLY. EXISTING BROWNFIELD CATCHMENT INFORMS BASELINE FLOWS OF THE RODER OF 18.75l/sec. WSCC POLICY DICTATES 50% BETTERMENT, THEREFORE DESIGN FLOW RATE SHALL BE 9.3l/sec

SW Rising Main DIVERSION
Size: 90mm OD (78.7mm Bore)
Type: PE100 SDR17
Length: 110m (TBC)
Willow Pumps to advise on spec & jointing to existing riser.

SW Rising Main DIVERSION
Size: 90mm OD (78.7mm Bore)
Type: PE100 SDR17
Length: 110m (TBC)
Willow Pumps to advise on spec & jointing to existing riser.

Rising Main
Size: 90mm OD (78.7mm Bore)
Type: PE100 SDR17
Length: 200m (TBC)
Willow Pumps to advise on spec
Off-Site routing TBC; 3rd party approval may be required

Kiosk & ducting location to be confirmed on site.

Vent pipe location TBC.

S106 Foul Sewer Connection
- Connections via new off-site RISING (Dominion Way) to be determined at detailed design stage and subject to site investigations and CCTV condition survey.
- 'Line & Level' to be agreed with Southern Water Clerk of Works under Section 106 Agreement.

Foul Private Pumping Station supplied by Willow Pumps (Ref: WQ-TBC).

24hr emergency storage within the foul pump chamber below the lowest inlet invert level (0.000) down to the point of high level alarm amounts to approx. 4.5m³ which is suitable for a maximum population (30 people / 150 litres / per person / per day.

New brick substation

Site Boundary Line

**H02** - Mixed Species Ornamental Hedgerow; C; RPA min. 1.2 m

SUNDOWN HOUSE

SOUTHDOWN VIEW ROAD

N

0 1 2.5 5 10 m

Scale 1:250

# Tree Works and Demolition Plan
# Southdownview Road, Worthing, West Sussex

## Legend

**T02** **Tree and Shrub Numbers.**

**Tree Root Protection Areas**
Tree Root Protection Areas calculated and specified in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.

**Category B Trees**
Trees of Moderate Quality and Value to be Retained.

**Category C Trees**
Trees of Low Quality and Value to be Retained.

**Category U Trees**
Trees unsuitable for long term retention.

**Existing Hedges and Shrub Vegetation**

**Existing Structures to be removed.**

**Existing Trees to be Removed**
Tree Surgery operations to be in accordance with *BS3998:2010 - 'Tree Works - Recommendations'*.

**Existing Shrubs and Hedges to be Removed**

**Tree Protection Barrier**
All Tree Protection and Tree Protection Barriers to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.
Tree Protective Barrier to be 2.0 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area, or as specified.

**Proposed Tree Surgery Works**
Existing trees to have Tree Surgery prior to protection measures being implemented. Tree Surgery operations to be in accordance with *BS 3998:2010 - 'Tree Works - Recommendations'*.

**Tree Protection Zone - Manual Excavation / Demolition**
*Limited Manual Excavation / Demolition Zone* shall be implemented, in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*. The excavations in this area of the site shall be undertaken with due care with hand held tools under *Arboricultural Supervision* only.

Notes:
1. Drawing to be read in colour.
2. For details of existing trees and vegetation refer to: *LLD3395-ARB-SCH-001 - Existing Tree Schedule;*
3. *For assessment of effects of the proposed development on existing trees refer to LLD3395-ARB-REP-001- Arboricultural Impact Assessment and Method Statement.*

## PLANNING ISSUE

| Rev | Description | Date | Initials |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| 02 | Planning Issue | 15.01.25 | GO |
| 01 | Draft Issue | 13.01.25 | GO |
| 00 | Draft Issue | 08.01.25 | GO |

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*Client*
HNW Architects
*Project Title and Location*
**Southdownview Road**
Worthing, West Sussex
*Drawing Title*
**Tree Works and Demolition Plan**

| *Scale* | *Drawn* | *Approved* | *Date* |
|---|---|---|---|
| **1:250 @ A1** | GO | KM | 08/01/2025 |

*Drawing No* **LLD3395-ARB-DWG-020** *Revision* 02