

Scale Bar 1:200



Scale Bar 1:1250



Block Plan - Existing



Site Location

Revision	Description	Date
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Saxilby with Ingleby Parish Council
Proposed 'Mosaic' Plinth at
Co-op & Pharmacy, 107 High Street
Saxilby, Lincoln, Lincolnshire

Drawing: Site Location + Block Plan (Existing)
Status: Planning

Scale: 1:1250 & 1:200 @ A3

Date: March 2025

Dwg. No: Parish/25/01/001

Revision: *

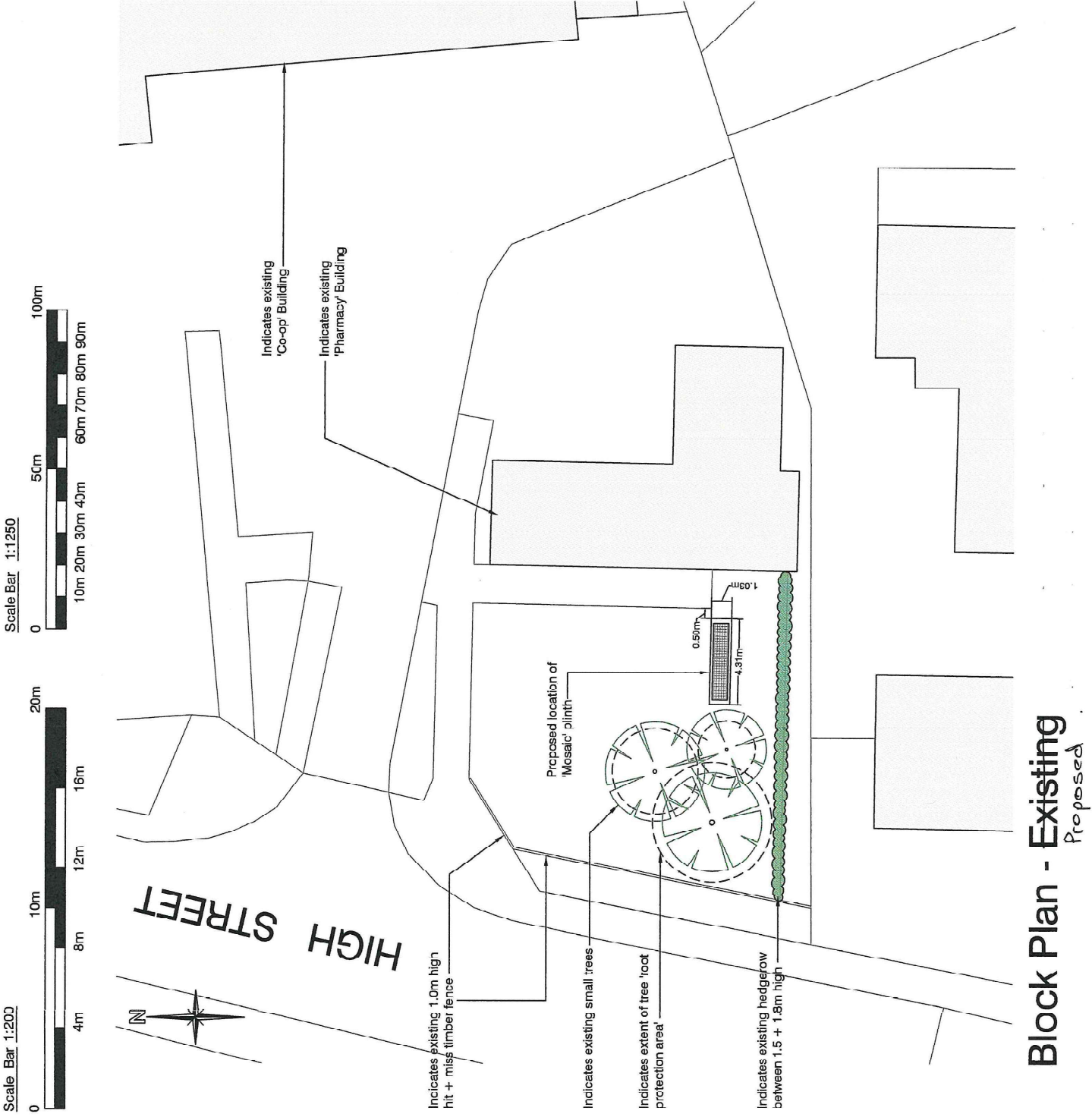
Tree Plans and Tree Schedules:

The extent and positions of significant individual trees or groups of trees close to the Site are shown on adjacent Arboricultural Survey Plan. The Root Protection Area (RPA) of the trees is shown on the adjacent Arboricultural Survey Plan. The RPA is provided in the Tree Schedule below.
The Tree Schedule provides a summary of maximum RPAs (m²) for estimated tree dimensions, as well as a calculated corresponding radius of protection for the RPA. The RPA is calculated as follows: $RPA = \pi \times (D)^2 \times 1.25$, where D is the stem diameter in metres. The RPA is then rounded up to the nearest whole number. The RPA is then divided by the area of a circle with a radius of 1.5m (2.25m²) to give the number of circles that can be accommodated within the RPA. The RPA is then divided by the area of a circle with a radius of 1.5m (2.25m²) to give the number of circles that can be accommodated within the RPA.

Root Protection Areas
Root Protection Areas (RPA) are the areas around a tree which need to be protected in order for the tree to be incorporated into a proposed scheme without adverse harm to the tree or structural integrity of any proposed bunding. The RPA is calculated according to BS 5837 (2012). This area is equivalent to a circle with a radius 12 x the stem diameter for single stem trees or the basal diameter for trees with more than one stem arising less than 1.5 m above ground level.

$RPA (m^2) = (\text{stem diameter (mm)} \times 12 / 1000)^2 \times 3.142$
This figure should be capped to 707 m², that is, equivalent to a circle with a radius of 15m, or a square with approximately 26 m sides.
Taken from Table 2: Calculating the RPA, BS 5837 (2005).

Tree no.	Species	Dia (mm) @ 1.5m	RPA (m ²)	RPA rad (m)
T1	Not Known	120mm	6.52m ²	1.44m
T2	Not Known	250mm	28.26m ²	3.05m
T3	Not Known	180mm	14.86m ²	2.16m



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Saxilby with Ingleby Parish Council

Proposed 'Mosaic' Plinth at

Co-op & Pharmacy, 107 High Street

Saxilby, Lincoln, Lincolnshire

Drawing: Block Plan (Proposed)

Status: Planning

Scale: 1:1250 & 1:200 @ A3

Date: March 2025

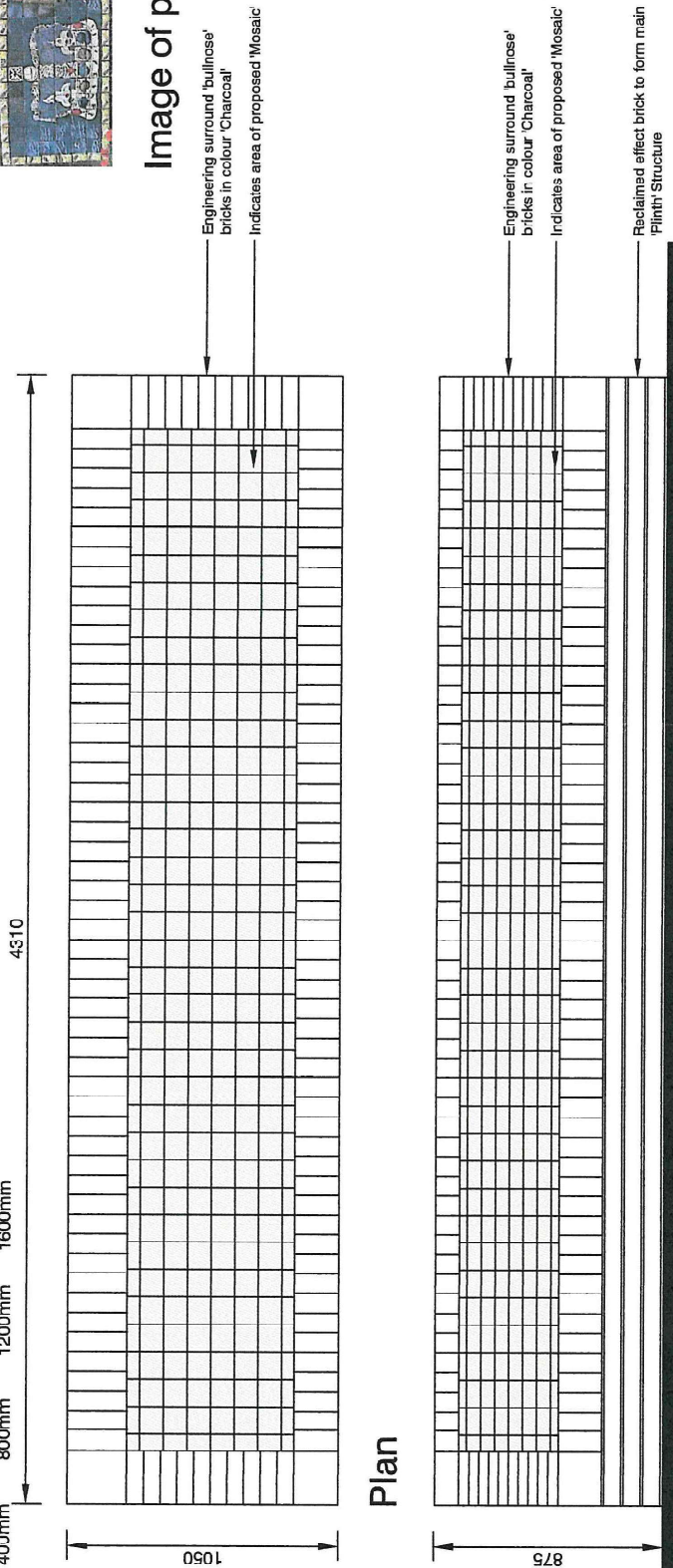
Dwg. No: Parish/25/01/003

Revision:

Block Plan - Existing
Proposed

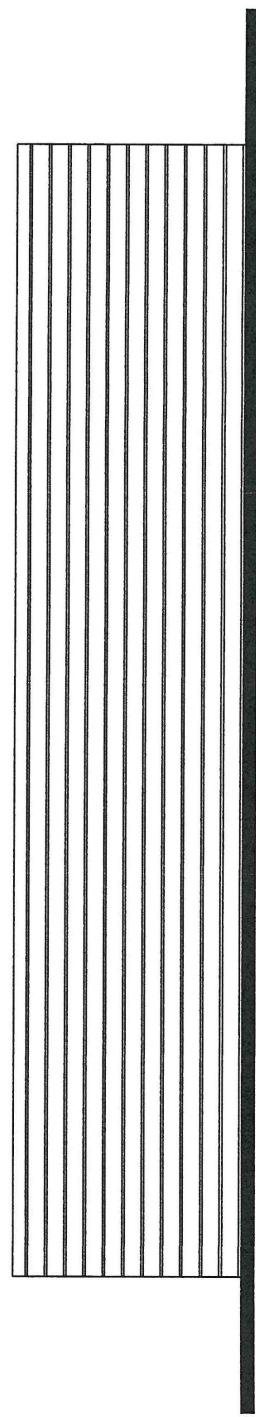


Image of proposed 'Mosaic'

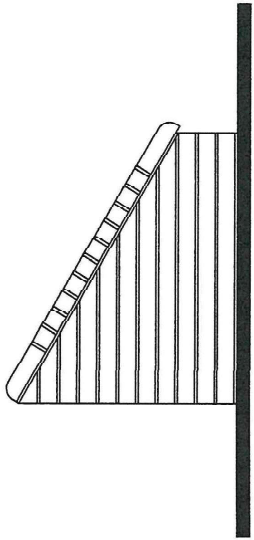


Plan

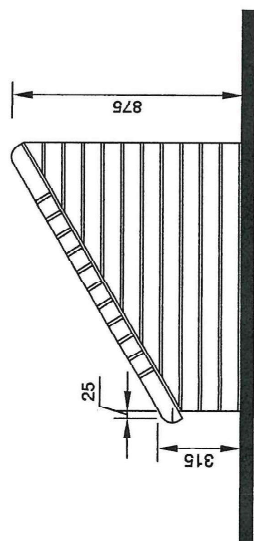
Front Elevation



Rear Elevation



Side Elevation



Side Elevation