Proposed Access Geometry
Width - Minimum 6.1m for two-way access
- Minimum 3.7m for one-way looped arrangement
- Subject to swept path analysis
Radii - Eastern radius 6m to allow coach turning (subject to swept path analysis
- Western radius 4m to deter coach turning (unsuitable roads to west)
Gradient - 1 in 40 from existing channel
Footways may be segregated from vehicular access.

Access to Car Park

Access to Car Park

44.78m

30.00m

New pedestrian facilities required if car park is used for parent parking.

Indicative location for signal controlled pedestrian crossing, if car park opposite may be used for parent parking.

Potential widening, depending upon position of access and whether two-way bus/coach movements are required

Playground

Shelter

Widening of Church Lane required up to position of proposed access.

Indicative location for signal controlled pedestrian crossing.

Priority system (possible signal controlled) or widening required across bridge.

Church Lane currently too narrow for two-way bus/coach movements.

Existing parking would need to be removed to enable widening (7-8 spaces)

Church Lane 5.5m wide approx. Not ideal for two-way bus/coach movements.

Re-provide parking on existing green space

CHURCH LANE

Footway widening required. Extent of widening dependent upon position of pedestrian accesses.

Access possible within this length of site frontage

Access Location 2 (See below)
Note:
- Road widening required to accommodate two-way bus/coach movements.
- BT Chamber on channel line.
- Vision Splay will affect trees and hedgerow
- Bank height approx 1.2m - will need to be lowered within vision splay.
- Footway will need to be extended to achieve suitable gradients relative to access road.

Possible access locations avoiding trees.
Note:
- Road widening required to accommodate two-way bus/coach movements.
- BT Chamber on channel line.
- Vision Splay will affect trees and hedgerow
- Bank height approx 1m - will need to be lowered within vision splay
- Footway will need to be extended to achieve suitable gradients.

Possible access locations avoiding trees.
Note:
- Road widening required to accommodate two-way bus/coach movements.
- Vision Splay will affect trees and hedgerow
- Bank height approx 1m - will need to be lowered within vision splay
- Footway will need to be extended to achieve suitable gradients.

Access Location 1 (See below)
Note:
- Road widening required to accommodate two-way bus/coach movements
- Utilises existing gated access.
- Vision splay will affect trees and some hedgerow.
- Minimal impact on bank.

Footway and carriageway widening required

New pedestrian/cycle route may be required across New River with continuation into site.

Riverside Mews

Assumed site boundary

31.1m

KEY

Existing footway

Possible new foot/cycle facilities

Possible carriageway widening

Access Options
Scale 1:1000

Indicative location for signal controlled pedestrian crossing required if car park opposite is used by parents.
Note: Footway construction on south side will impact upon bank.

KEY

+33.31 Proposed level (indicative)

Existing footway

Existing bank to be lowered

Possible carriageway widening

BT box may need to be relocated.

Road widening required to 6.1m min for two-way bus/coach movements

Vision splay 4.5m x 43m

Bank Height <600mm

Bank Height 600mm

Footpath will need to be extended to achieve suitable gradient.

5.41m

Bank Height 1.3m Levels to be reduced within vision splay.

Bank Height 1.2m Levels to be reduced within vision splay.

Footpath will need to be extended to achieve suitable gradient.

Access Location 2
Scale 1:500

KEY

+33.31 Proposed level (indicative)

Existing footway

Existing bank to be lowered

Possible carriageway widening

Road widening required to 6.1m min for two-way bus/coach movements

Indicative location for signal controlled pedestrian crossing.

Vision splay 4.5m x 43m

Bank Height >600mm Levels to be reduced within vision splay.

Bank Height ≈600mm

Bank Height <600mm

Footpath levels to be reduced to suit access level.

5.03m

Bank Height <600mm

Possible foot/cycle link with new bridge over new river

Access Location 1
Scale 1:500

Rev	Description	Date	Drawn	Checked

Revisions

stomor CIVIL ENGINEERING CONSULTANTS

Registered Office:
32 Beehive Lane, Welwyn Garden City, Hertfordshire, AL7 4BQ

Design Office:
19 Walsworth Road, Hitchin, Herts, SG4 9SP
Tel 01462 615433 Fax 01462 615425
Email info@stomor.com www.stomor.com

Project
Land South of Church Lane, Wormley

Drawing Description
Means of Access Options Appraisal
Church Lane

Scale	Date	Drawn By	Checked By
Varies@A3	26.10.15	NJM	DGS

Client

Architect

Notes
Do not scale off the drawing.
Only written dimensions should be taken.
Any discrepancies or errors should be brought to the attention of the engineer immediately.

Drawing Number
ST-2462-03