

KEY

- Waling beam formed of doubled up PFCs or similar approved. Cranks to be moment resisting.
- ↔ Flying props formed of UKC sections spliced as necessary.
- Plunge column, formed by piling from ground level. Supports temporary steelwork at ground level.
- ===== Steel beam at ground level to support needle beams.
- ===== Steel needle beams support existing masonry wall above.

SEQUENCE

For full sequence see EW sketch SQ 02.

Piles/plunge columns are sunk from ground floor and steel structure is formed just below ground level, such that needle beams can support the existing wall.

Mass concrete underpins and L-shaped retaining walls excavated and placed in sequence shown. Propped back to soil bund until waling beams and flying props are installed. Once ground bearing slab is in position and ground floor diaphragm is in place, flying props may be removed.

EW MARKUP

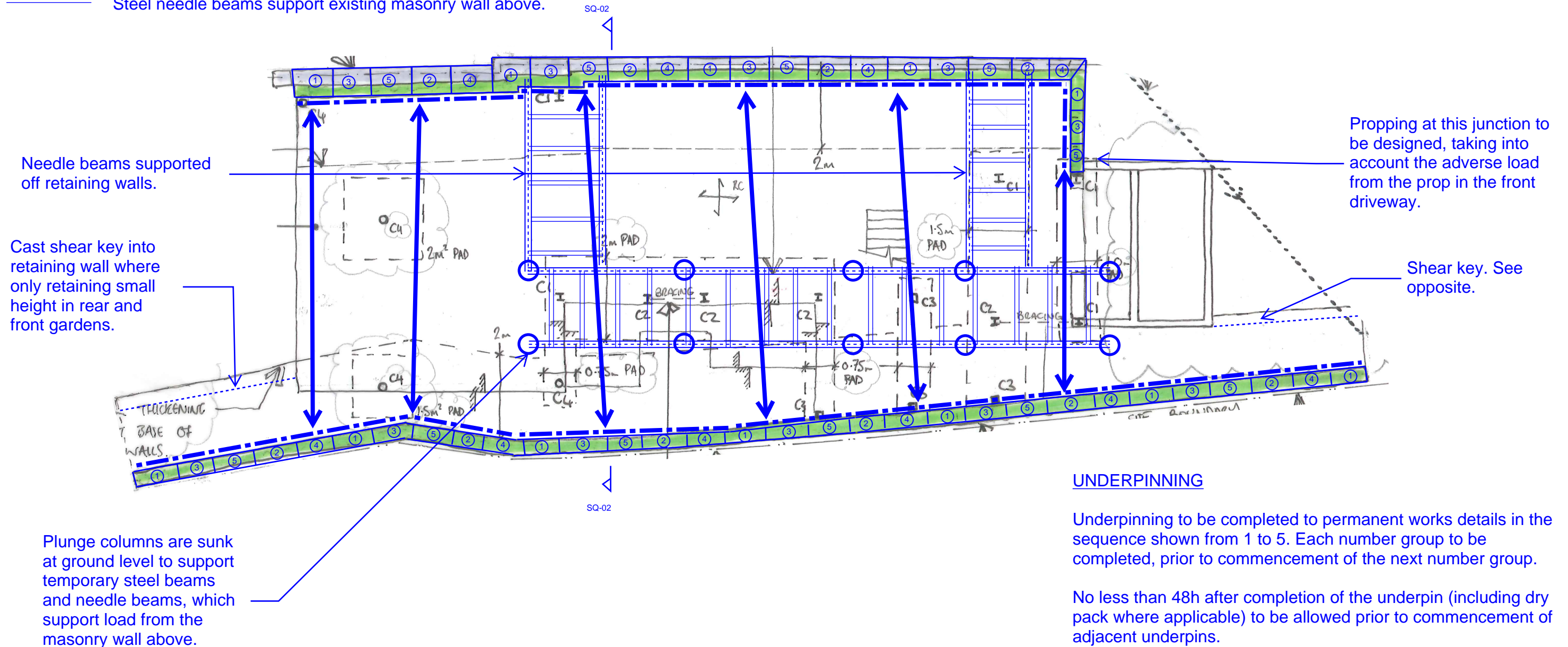
Substructure Temporary works scheme

Drawing: HSt Checked: WGr

Issue P1 31/3/17

DRG SQ 01

NOT FOR CONSTRUCTION



UNDERPINNING

Underpinning to be completed to permanent works details in the sequence shown from 1 to 5. Each number group to be completed, prior to commencement of the next number group.

No less than 48h after completion of the underpin (including dry pack where applicable) to be allowed prior to commencement of adjacent underpins.

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

P2	22/4/16	SK	WGR	AMEND SCHEME
P1	11/4/16	WGR	MBO	PRELIMINARY
rev	date	by	chk	description

drawing title
LOWER GROUND FLOOR PLAN
(PROPOSED)

scale(s)
1:100

date
APR'16

drawn
WGR

drawing status
PRELIMINARY

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job title
2 OAKMILL AVENUE, NW3

job no 2150667	drawing no S.010	revision P2
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