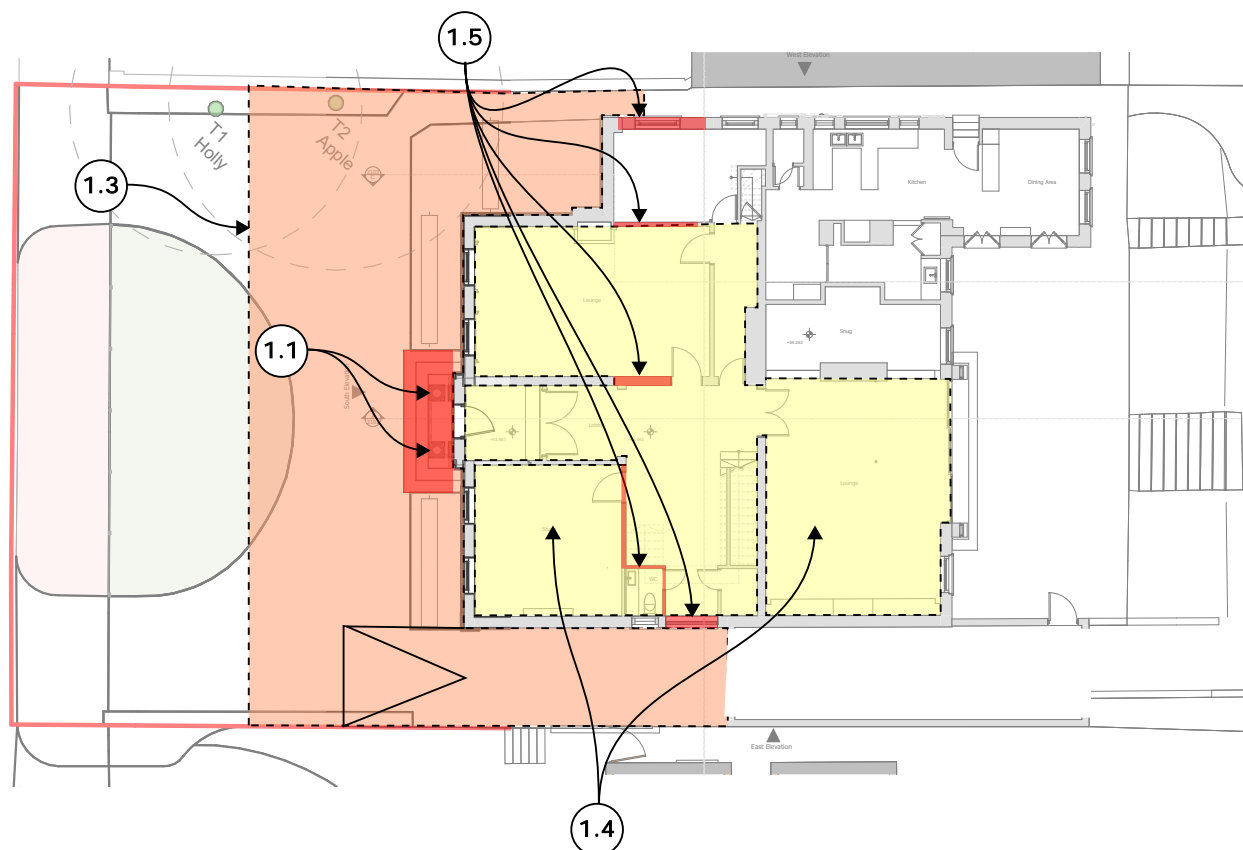


SEQUENCE OF WORKS

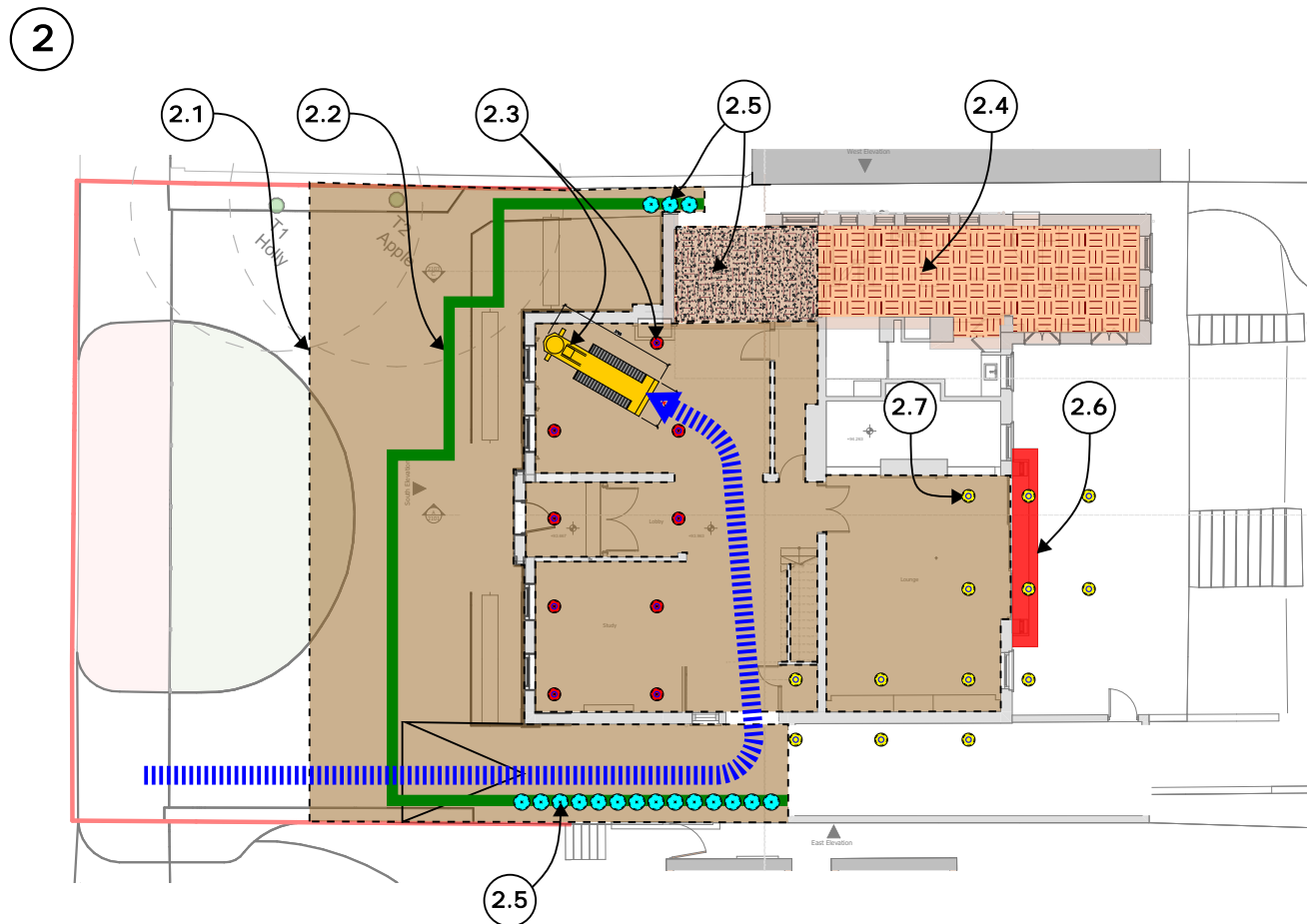
- 1.1) Dismantle Front Portico
- 1.2) Soft Strip Including Removal of Ground Floor *(Not shown Graphically)*
- 1.3) Rationalise levels forward of the Front Façade to 92.550mOD & to 93.275mOD from the front of the existing garage to the main Front Façade.
(pending further datum information & Depth of neighbouring boundary wall foundations)
- 1.4) Remove all sleeper walls, thresholds etc from the main house, and investigate suitability of existing concrete oversite as piling surface.
- 1.5) Localised demolition of walls to facilitate internal Temporary support Piles and a number of Contiguous Piles beyond the Front facade on the Western Elevation

1

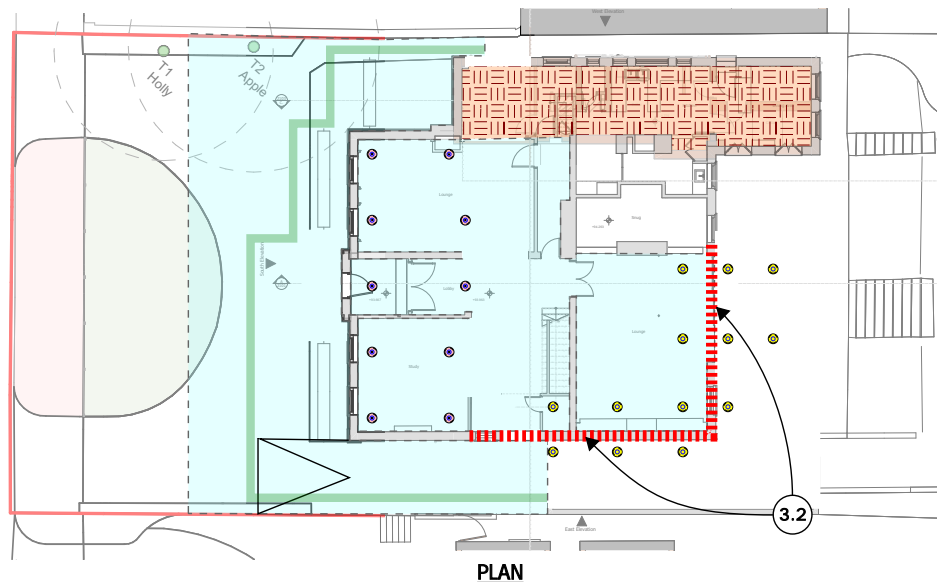
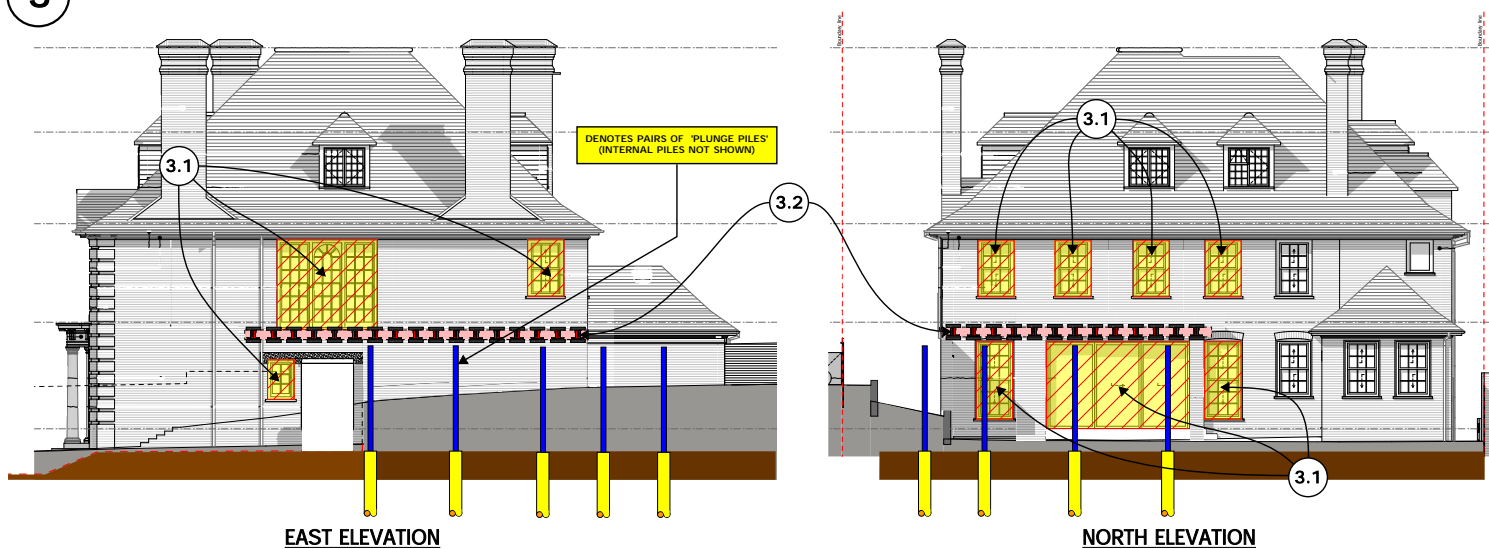


SEQUENCE OF WORKS

- 2.1) Provide Piling mat for proposed Piling, forward from the Front Façade and internally to the House
- 2.2) Provide Guide beams for proposed Piling, forward from the Front Façade
- 2.3) Mobilise Klemm 702 Piling Rig to site & Install 'Plunge' Piles internally, to provide Temporary support for Front façade and return walls
- 2.4) Use selected excavated material from Piling to back fill existing Basement area
- 2.5) When existing basement is sufficiently backfilled and compacted, provide blinding surface and install a number of perimeter Contiguous Piles along the boundary line with No. 12A Greenaway Gardens & No. 15A Greenaway Gardens
- 2.6) Demolish rear portico structure
- 2.7) Install a number of pairs of Temporary Bearing 'Plunge' Piles, along part of the existing RH flank wall and part of the existing rear Façade wall, to provide Temporary support to the walls that are to remain at 1st floor



3



SEQUENCE OF WORKS

- 3.1) Frame out openings within the flank and rear walls at Ground & First floor level
- 3.2) Sequentially break out pockets and provide temporary sacrificial UC Stub sections at First Floor level, for parts of the RH flank and Rear walls which are to remain above this level.

Job No: ST21-01

Project 14 Greenaway Gardens, London NW3

Eng: CP

Title Sequence of Works Drawings

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Dwg No.: 902_SOW

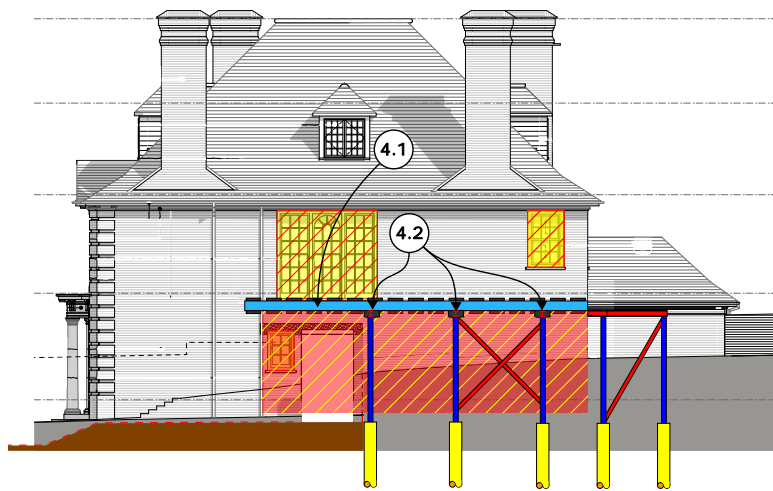
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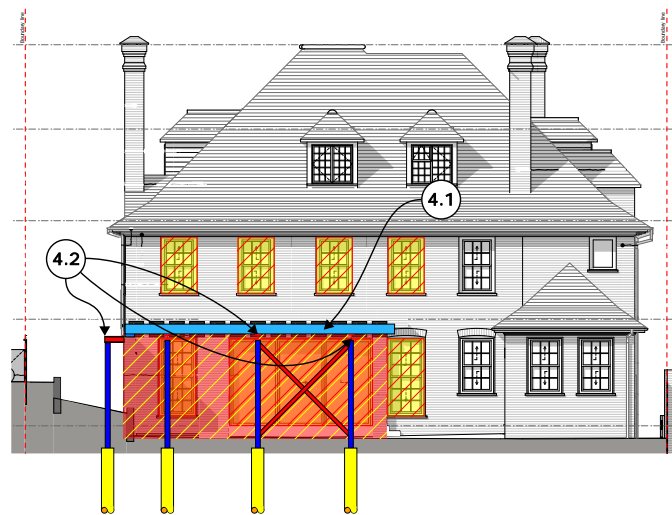
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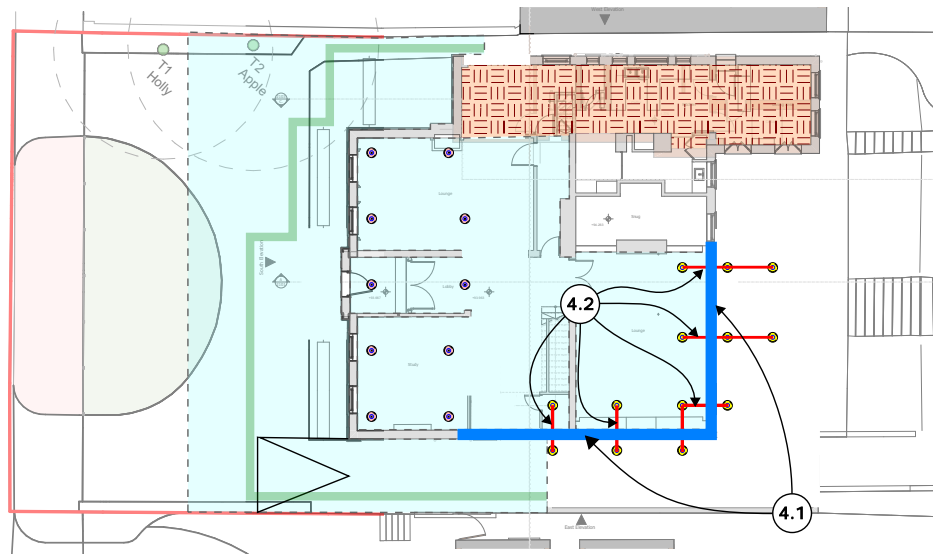
4



EAST ELEVATION



NORTH ELEVATION



PLAN



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 4.1) Construct RC beam at 1st Floor level, within the width of the existing walls, over the length of the temporary sacrificial supports installed to the RH flank & Rear walls previously
- 4.2) Install and hydraulically preload steel needle beams provided to the underside of the new RC beams at first floor level. Needles to be supported on previously installed plunge piles. Provide bracing to plunge pile sections.
- 4.3) Demolish existing walls at Ground floor level beneath newly installed beams at First Floor level

SIZE GROUP
STRUCTURES

Job No: ST21-01

Project 14 Greenaway Gardens, London NW3

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Title Sequence of Works Drawings

Checked:

Dwg No.: 903_SOW

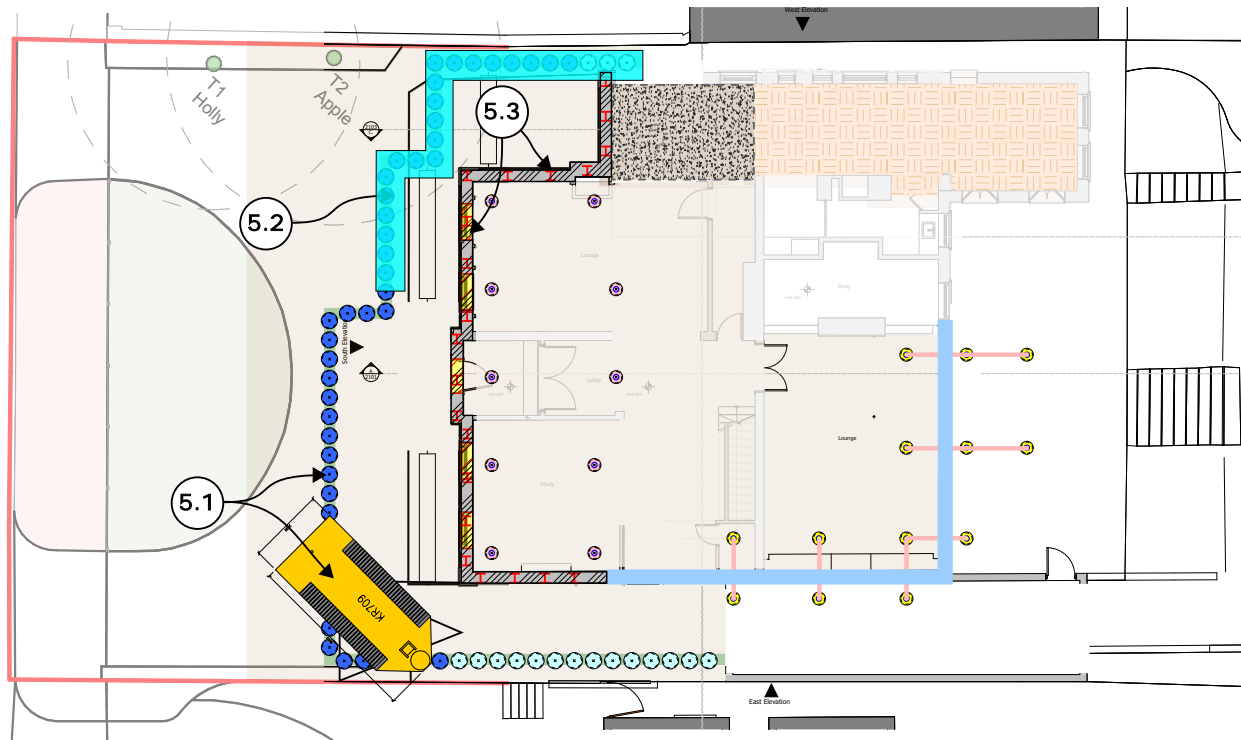
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01/06/22

5



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 5.1) Mobilise Klemm 709 Piling Rig to site and install perimeter wall piles to area forward of Front Façade.
- 5.2) Prepare Pile heads and construct proposed RC capping beam to the perimeter Piling forward of the Front Façade and to the return sides past existing fabric which is to remain
- 5.3) Frame out Front Façade GF openings & Sequentially break out & provide sacrificial UC Stub sections to support Façade and return walls that are to be retained.



SIZE GROUP
STRUCTURES

Job No: **ST21-01**

Project **14 Greenaway Gardens, London NW3**

Eng: **CP**

Title **Sequence of Works Drawings**

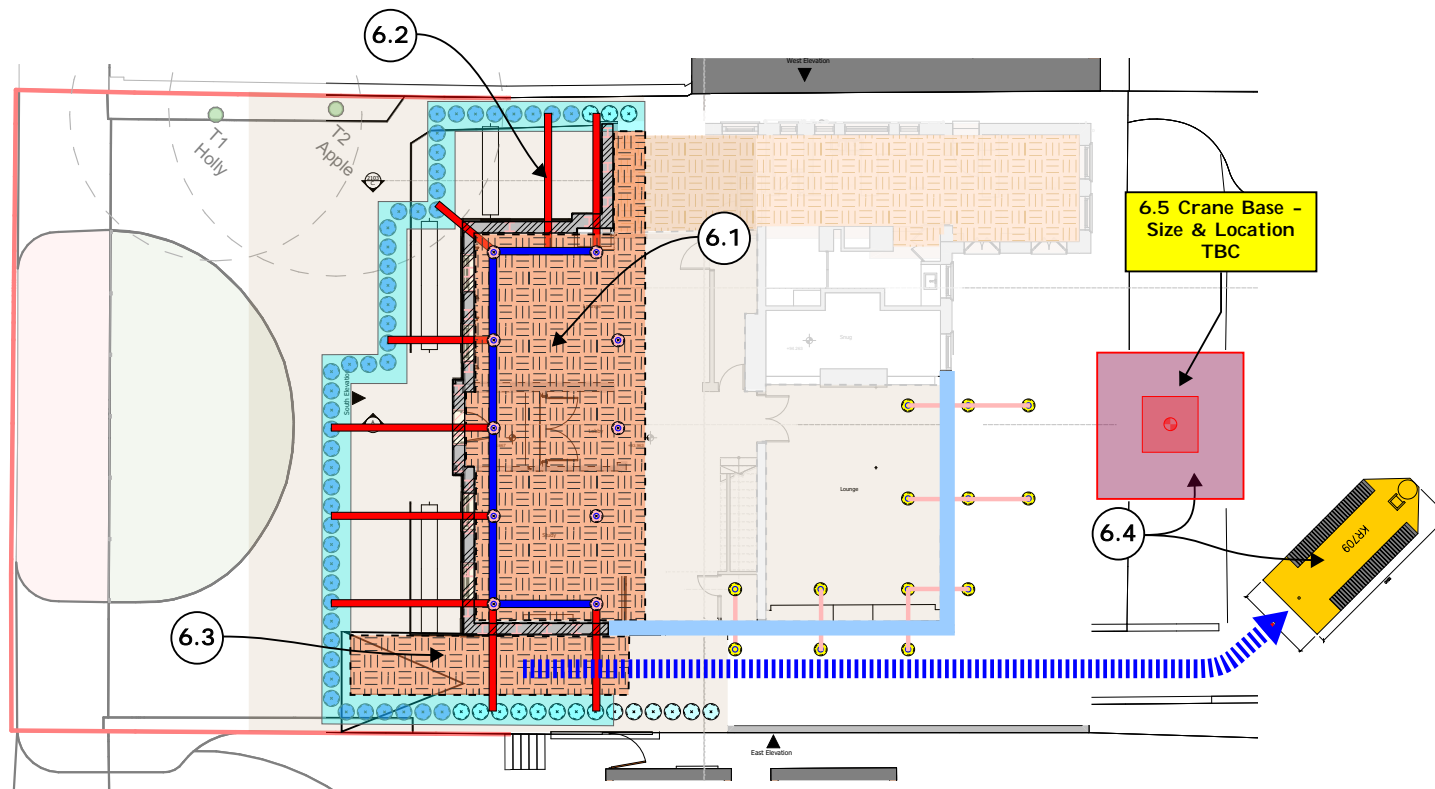
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Dwg No.: **904_SOW**

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Date: **01/06/22**

6



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 6.1) Reduce levels in the front of the house, down from 93.013mOD to 92.550mOD
- 6.2) Install Temporary works needles from Temporary 'Plunge' Piles to the RC capping beam at the front of the site.
- 6.3) Reduce the area in front of the existing garage down from 93.275mOD to 92.550mOD
- 6.4) Move piling equipment / rig to rear garden & install piles for Crane Base - **Size, Type, Location TBC - Provisional**
- 6.5) Construct Crane Base / Grillage - Size, Type, Location TBC - Provisional
- 6.6) Install Crane - **(Not shown graphically)**

SIZE GROUP
STRUCTURES

Job No: ST21-01

Project 14 Greenaway Gardens, London NW3

Eng: CP

Title Sequence of Works Drawings

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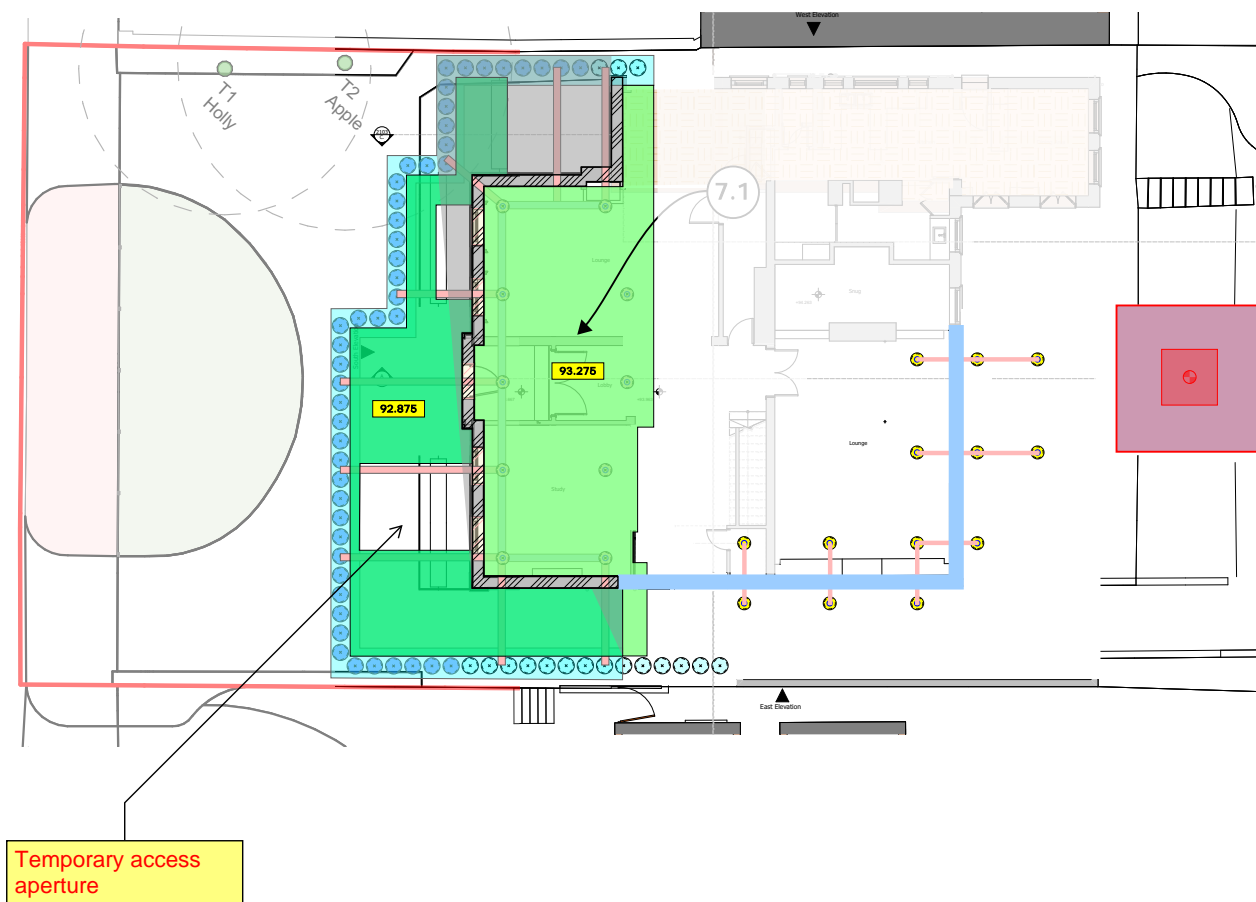
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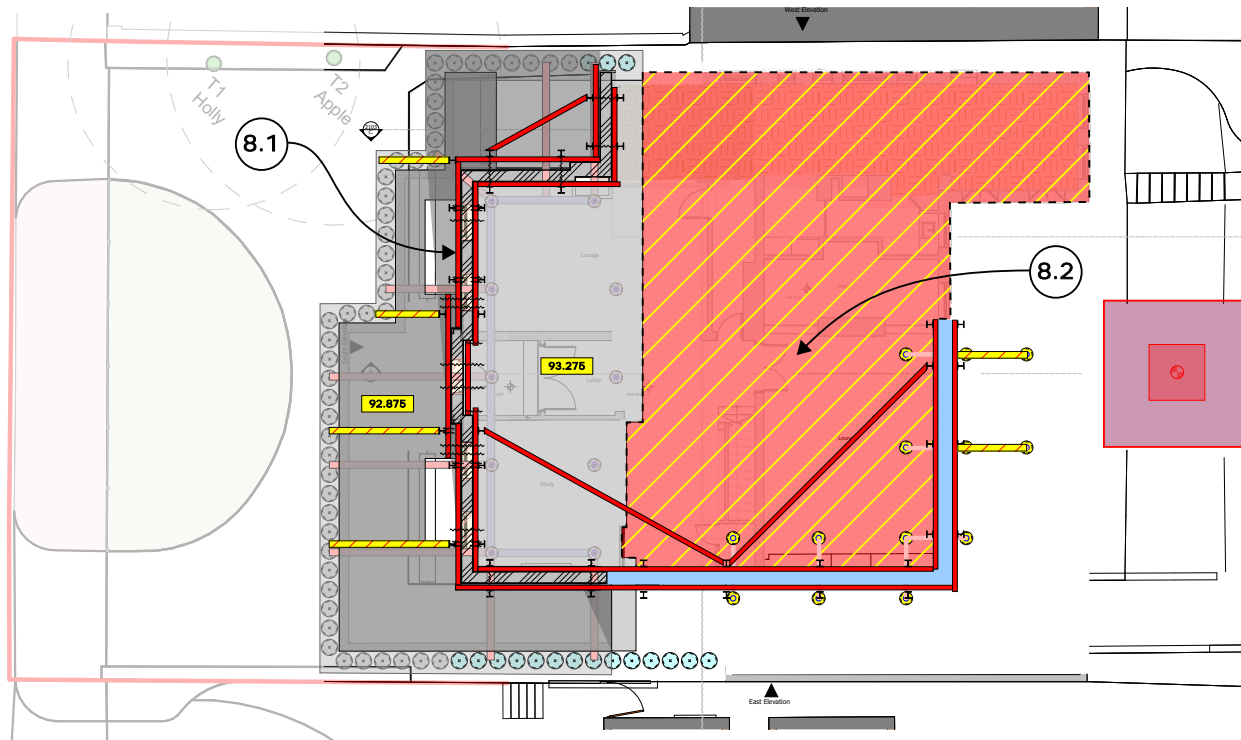
SEQUENCE OF WORKS

- 7.1) Construct front section of soffitted Ground Floor level RC slab 250mm thk SSL 93.275mOD (TBC), incorporating step in slab down to 92.875mOD TBC between the Front Façade and Front Capping beam

7



8



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 8.1) Supply & Install Façade Restraint - temporary works - Provisional
- 8.2) Demolition works - Leaving Front Façade and return wing sections which are to remain in the permanent condition



SIZE GROUP
STRUCTURES

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Eng: **CP**

Title **Sequence of Works Drawings**

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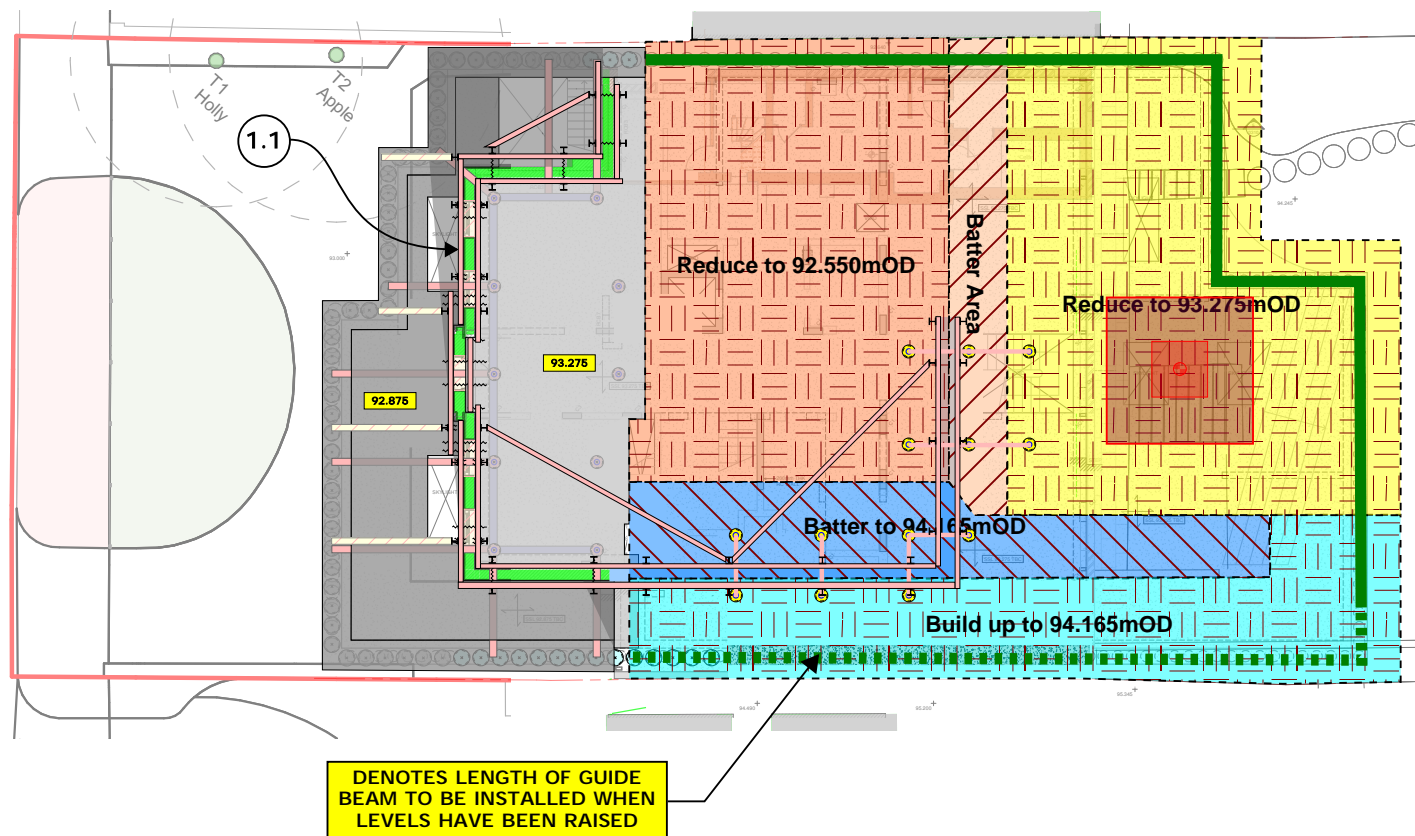
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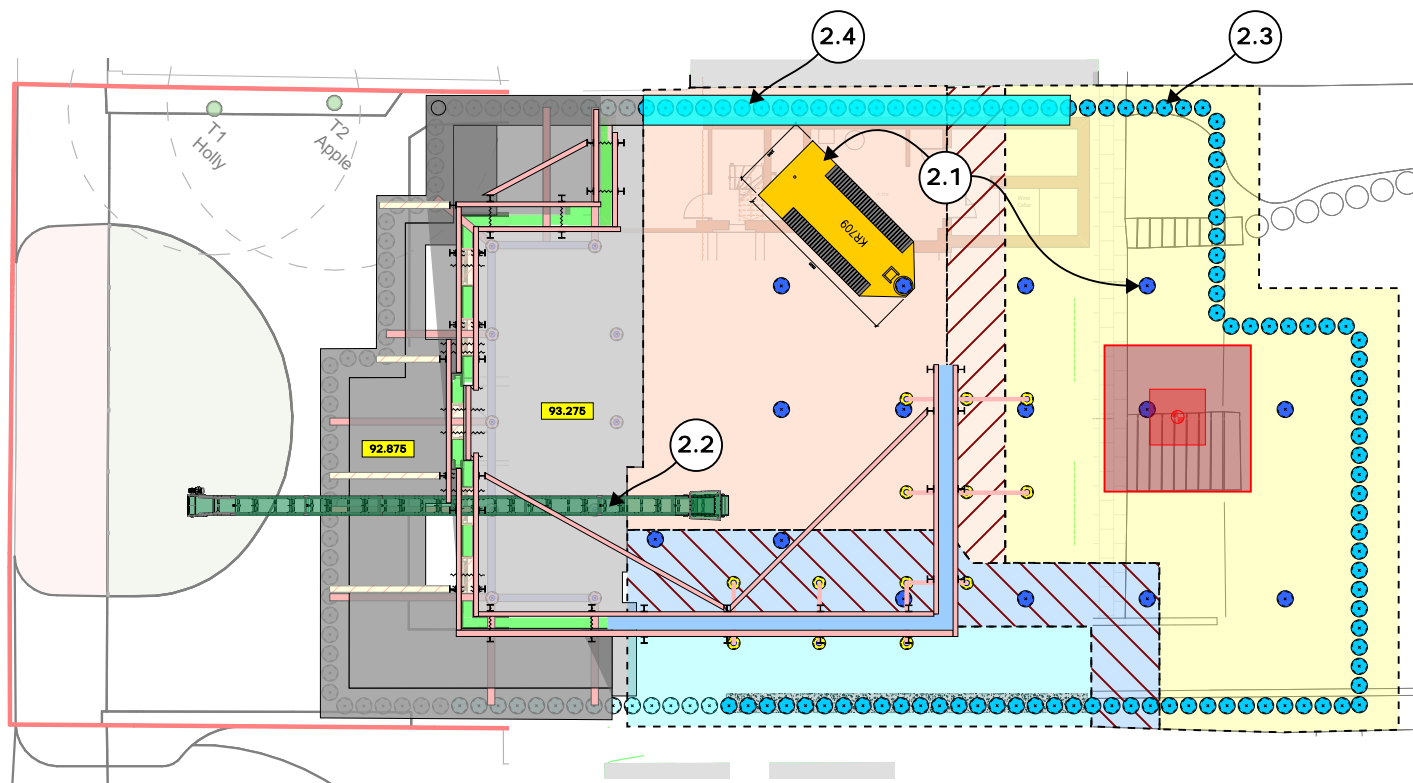
SEQUENCE OF WORKS

- 1.1) Rationalise levels to the rear of the GF Slab already installed, generally to 92.550mOD, with a higher area at 93.275mOD to the rear Western corner and - **All pending further datum information**
- 1.2) Provide Piling mat & guide beams for proposed Piling, to the rear of the GF Slab already installed

1



2



SEQUENCE OF WORKS

- 2.1) Mobilise Klemm 709 Piling Rig to site & Install Permanent bearing Piles to the remaining areas of proposed Basement behind the Front Façade. Using excavated material to build up levels to 94.165mOD along the length of the existing Garage to the boundary with No. 15B - Pending further site survey information
- 2.2) Install Conveyor system
- 2.3) Install Perimeter Wall Piles to the remaining areas of proposed Basement behind the Front Façade.
- 2.4) Prepare Pile heads and construct proposed RC capping beam to the remaining perimeter Piling



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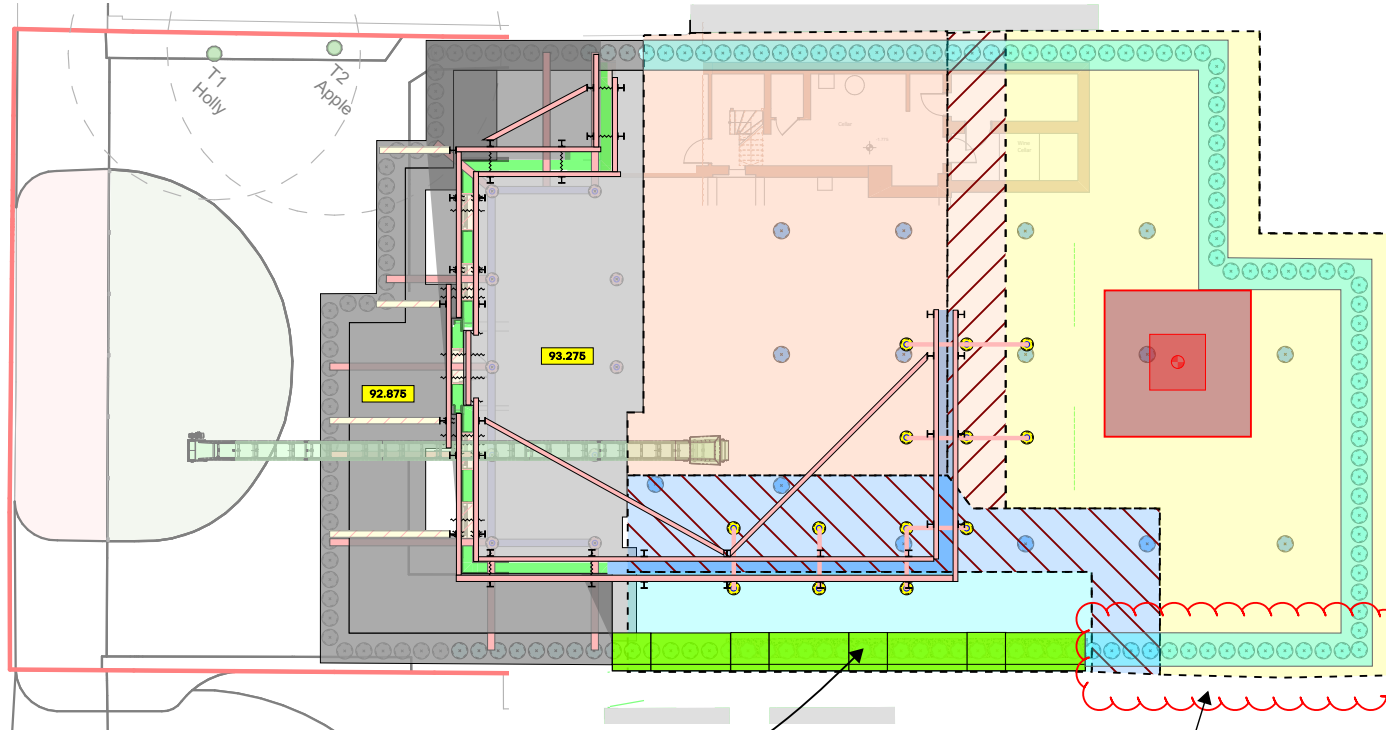
3



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 3.1) Sequentially excavate and form proposed RC retaining wall and capping beam sections to the area of existing garage along the RH boundary wall line



3.1

Permanent and Temporary works restraint in this area to be discussed with Design Team


SIZE GROUP
STRUCTURES

Job No: **ST21-01**

Project **14 Greenaway Gardens, London NW3**

Eng: **CP**

Title **Sequence of Works Drawings**

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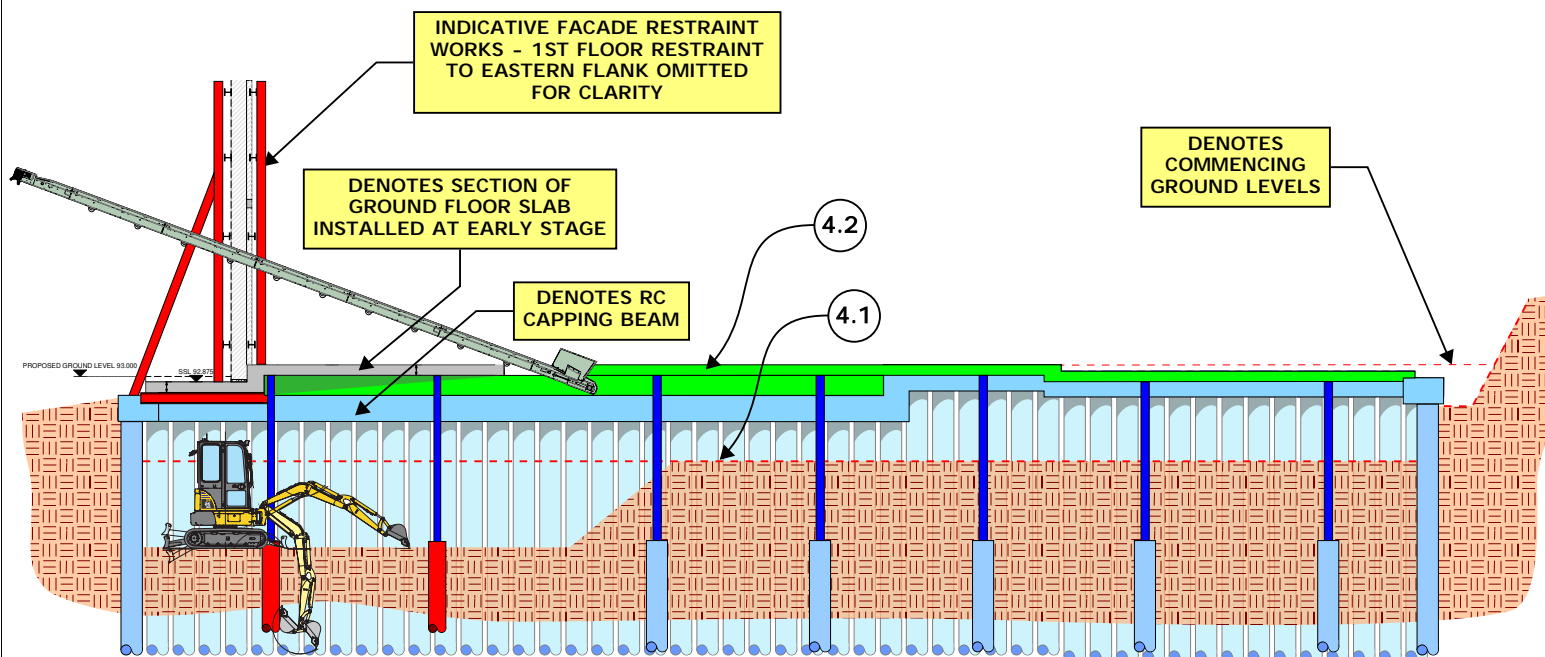
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4



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

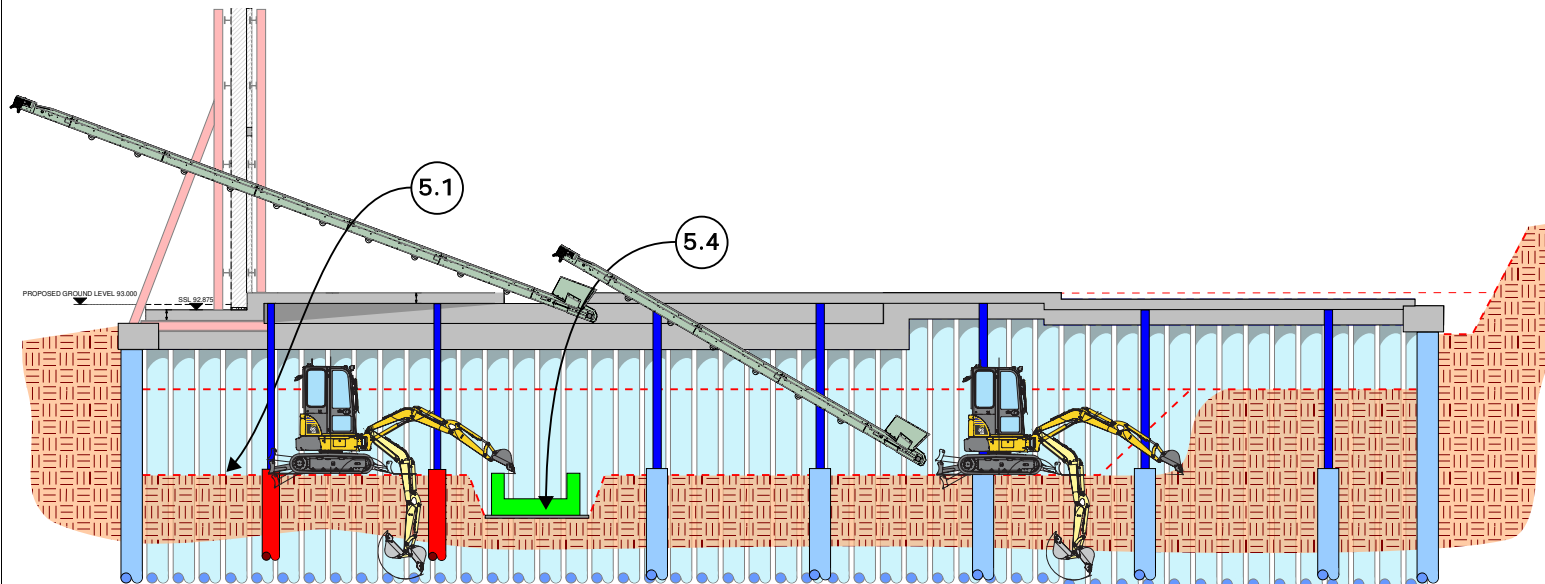
- 4.1) Undertake Bulk excavation within area of main Basement area from existing levels to 91.00mOD
(Pending Site Investigation information/Detailled Pile design)
- 4.2) Construct Remaining soffitted Ground Floor level RC slab 250mm thk & localised thicker slab 300mm thk where shown



SIZE GROUP
STRUCTURES

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SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 5.1) Continue bulk excavation within area of main Basement area from 91.00mOD to Basement formation level of 89.00mOD
(Pending Site Investigation information/Detailed Pile design)
- 5.2) Install below slab drainage *(No details - Undefined Provisional Sum - TBC)*
NOT SHOWN GRAPHICALLY
- 5.3) Excavate and form proposed RC pump chamber, situated in the South-Western corner of the proposed Basement space.
No details provided currently - Provisional NOT SHOWN GRAPHICALLY
- 5.4) Excavate and form proposed Lift Pit slab and wall up to main Basement slab level, allowing for 400 thk slab and 300 thk walls. Lift pit slab level to be 1.0m from Basement SSL



SIZE GROUP
STRUCTURES

Job No: ST21-01

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Title Sequence of Works Drawings

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Dwg No.: 914_SOW

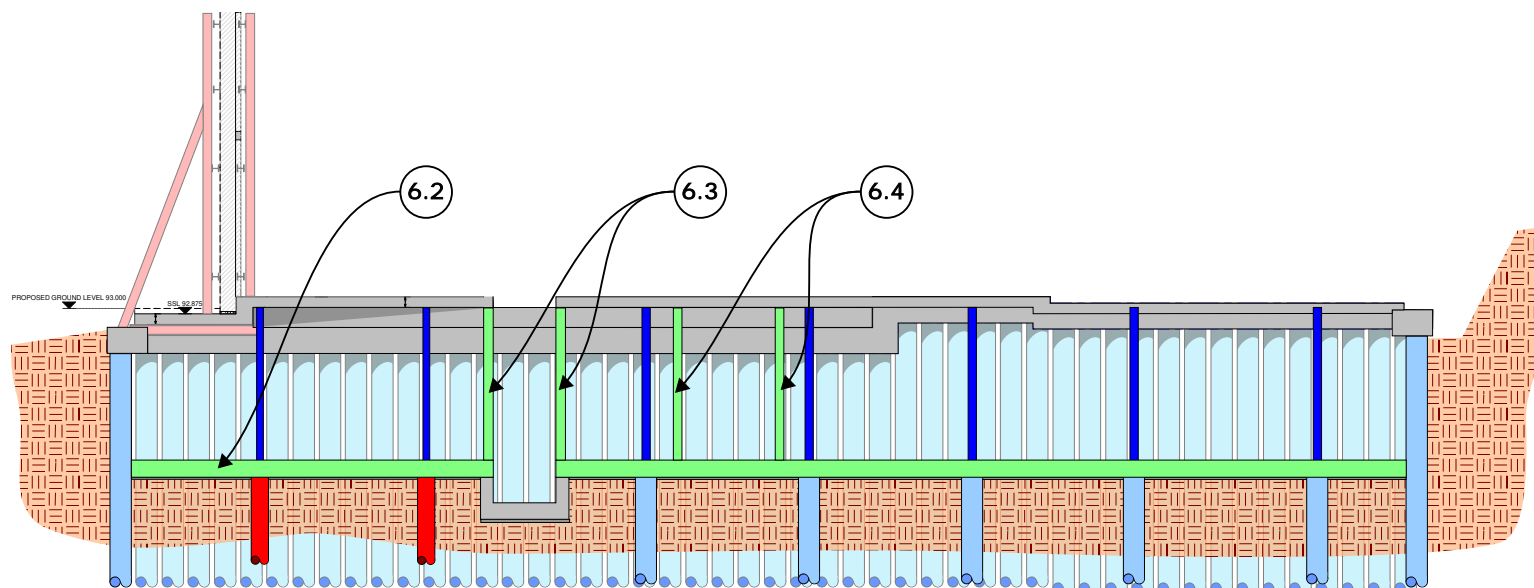
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06/06/22

6



SIZE GROUP
STRUCTURES

SEQUENCE OF WORKS

- 6.1) Remove excavating plant from site
(NOT SHOWN GRAPHICALLY)
- 6.2) Construct proposed Basement level RC slab 400mm thk
- 6.3) Construct permanent works RC internal walls between Basement and Ground Floor levels
- 6.4) Construct permanent works RC Columns between Basement and Ground Floor levels



SIZE GROUP
STRUCTURES

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SEQUENCE OF WORKS

- 7.1) Construct permanent works RC Lining walls between Basement and Ground Floor levels
- 7.2) Remove Temporary works needling from Temporary 'Plunge' Piles to the RC capping beam at the front of the site
- 7.3) Demo Temporary Plunge Piles, making good slab surface locally

