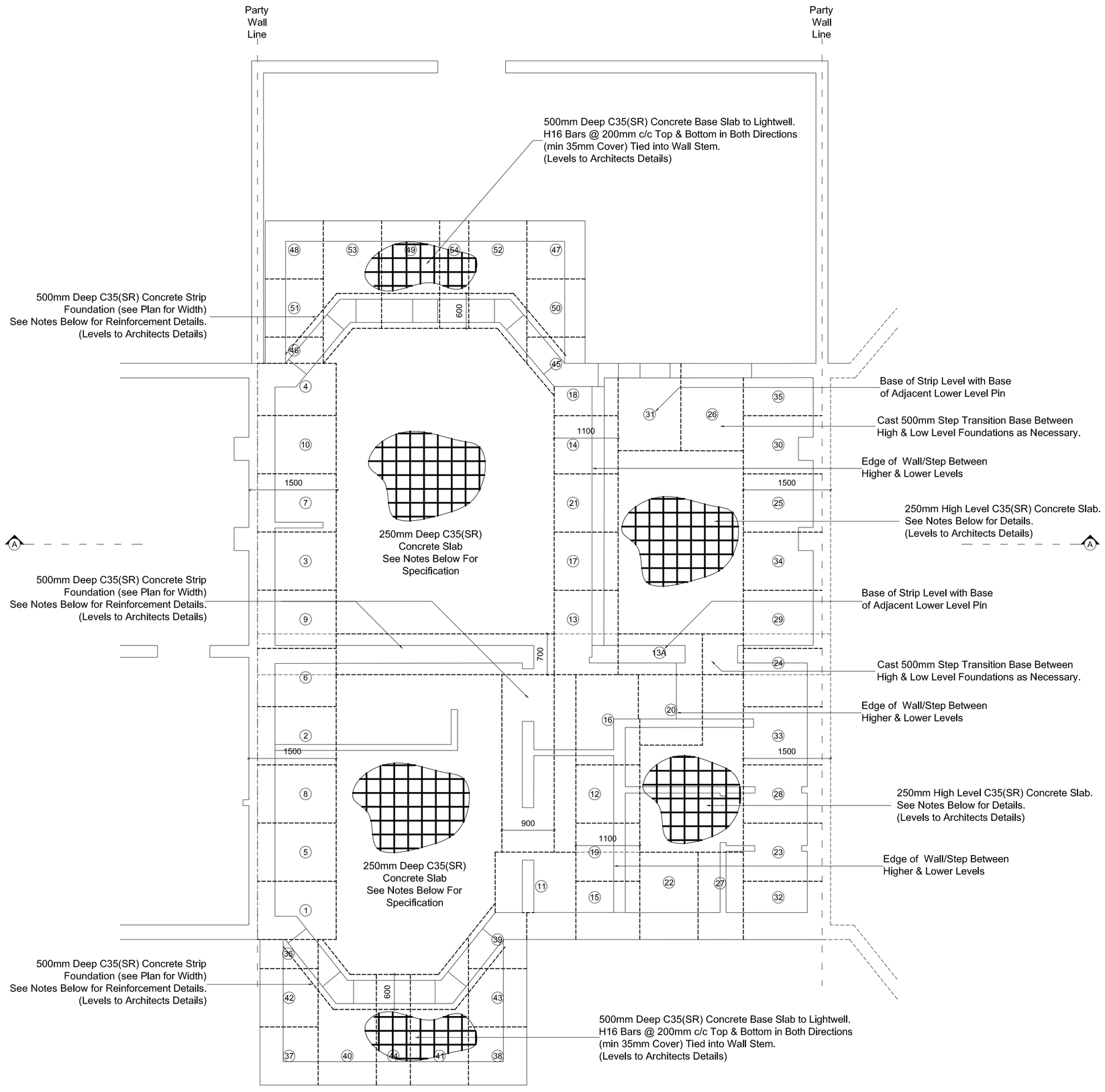
FOUNDATION PLAN (including sequencing)
Sc:1/50



NEW FLOOR NOTES

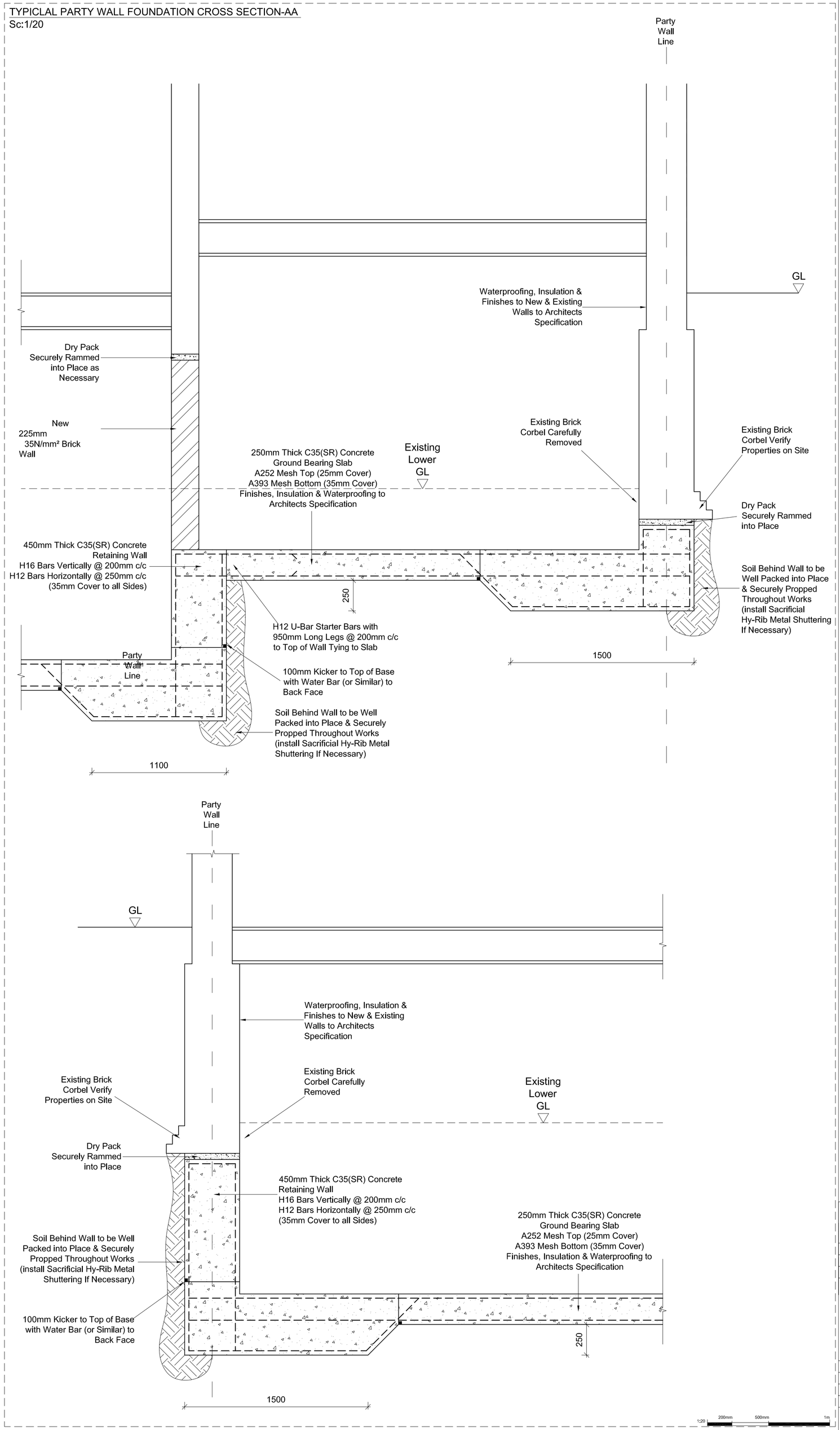
- New Basement Floor to be 250mm Deep C-35(SR) Ground Bearing Concrete Slab at Both High & Low Levels.
- Split High & Low Floor Levels (Top of SSL & FFL to Architects Details).
- Reinforcement: A-252 Mesh Top (25mm Cover), A393 Mesh Bottom (35mm Cover).
- 40d Lap Between Foundation Base Starter Bars & Slab Reinforcement.
- Water Bar (or Similar) Water Proof Joints Between Edge of Concrete Slab & Foundation Base Joints.
- Internal Insulation, Finishes & Waterproofing to Architects Specification.
- Drainage Below Slab to Specialist Contractors Specification.

NEW FOUNDATION NOTES

- New Basement Retaining Wall & Strip Foundations to be 500mm Deep C-35(SR) Ground Bearing Concrete Section at Both High & Low Levels.
- Depth of High Level Bases Adjacent to Low Levels Foundations to Match Level (Top of SSL & FFL to Architects Details).
- Transition Bases Raising 500mm Between Lower & Higher Levels to be Cast as Necessary.
- Reinforcement to Strip Foundation: Top to Match Slab, A-252 Mesh Upper (25mm Cover), A393 Mesh Lower (35mm Cover), With Further A-393 Mesh to Base (50mm Cover).
- Reinforcement to Bases to Match with Retaining Wall Stems (see Sections for Details).
- Starter Bars to Wall to Extend 800mm Above Top of SSL of Foundation Base.
- Retaining Wall Bases to be Cast in 1000mm Wide Sequences Sections (see plan for sequence).
- Water Bar (or Similar) Water Proof Joints Between Edge of Concrete Slab & Foundation Base Joints.
- Internal Insulation, Finishes & Waterproofing to Architects Specification.

1:50 1m 3m

TYPICLAL PARTY WALL FOUNDATION CROSS SECTION-AA
Sc:1/20



NOTES

For General Notes Refer to Drawing No.2

Reinforced Concrete Notes

1. All dimensions to be verified on site.
2. Read in conjunction with architect's drawings.
3. Reinforced concrete beam/slab/wall to be cast in grade 35N/mm² concrete and reinforced in accordance with design information and reinforcement schedules, provided by the engineer - min cement content 330kg/m³ .
4. Ready mix concrete must be obtained from a plant, which holds a current certificate of accreditation under the quality scheme for ready mix concrete.
5. No concrete is to be placed when the ambient air temperature is less than 5° c.
6. Reinforcement shall be: (to bs 8110).
7. All main bars to be Grade 500 (high yield) noted 'H'. Plain bars (i.e. Links) also to be Grade 500 (high yield) unless stated otherwise [in which case; to BS 4449, Grade 250 (mild steel)].
8. Reinforcement to be fixed adequately using tying wire or steel clips.
9. Concrete cover to be min 35mm cover, unless stated otherwise on drawing.
10. Unless noted otherwise on drawings, all reinforcement is to be lapped 40d (where d is the diameter of the larger bar).
11. All works to be approved by the building control officer.
12. All waterproofing and drainage to architect's specification.
13. No work is to commence on site prior to building control approval of structural details.
14. Drawing to be read with engineering specification (including diagrammatical details) & architectural specification.

Excavation for retaining walls

1. Trial pit to be excavated to confirm existence of any existing structure
2. Working in strips not exceeding 1m long excavate to required depth adjacent to existing structure.
3. Lay reinforcement on adequate spacers, cast new concrete and allow 24 hours to cure.
4. Never excavate two adjacent strips without allowing 3 days between operations.
5. Ensure water bar is installed correctly between base and wall.
6. Construct wall reinforcement & allow for bonding into next section of wall. Cast concrete to required height.
7. Ensure ground behind new foundation & wall is fully backfilled and compacted. Check at regular intervals to ensure this during construction.
8. When adjacent sections are opened up the exposed concrete surfaces should be thoroughly cleaned of all loose material & scabbled to form a good key.
9. Foundations to be 1000mm wide unless noted otherwise.
10. All new concrete below ground to be sulphate resisting cement conc. Grade 35.
11. Reinforcement shall be to bs-8110 with main bars to be grade 500(high yield).
12. Ready mix concrete must be obtained from a plant which holds a current certificate of accreditation under the quality scheme for ready mix concrete.
13. No concrete is to be placed when the ambient air temperature is less than 5° c.

Title: Foundation Plan & Details

Preliminary:
for Planning/Basement Impact Assessment

Rev	Date	Description	App
B	15/11/19	BIA: Lightwell Sequence Added	PS
A	29/12/16	Sequenced Bases to Latest Spec	PS

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Date: JULY 2016
Eng: PS
Scale: 1:50@A1
Job No: 16-440
Sheet No. 1
Rev B
Project: 28 CANFIELD GARDENS, LONDON, NW6

1:200 200mm 500mm 1m