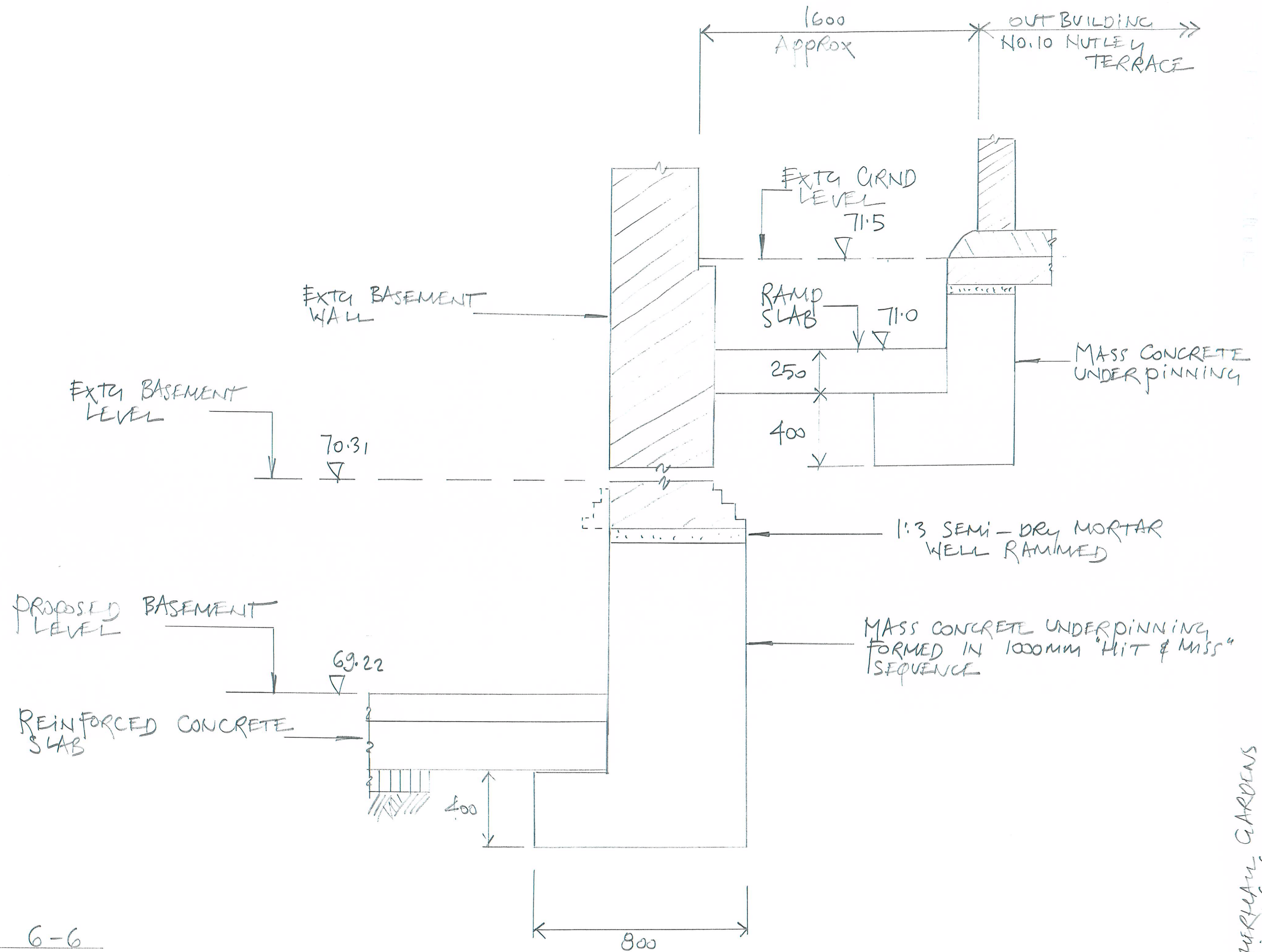
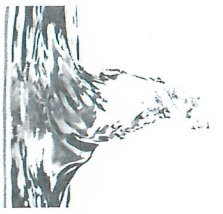
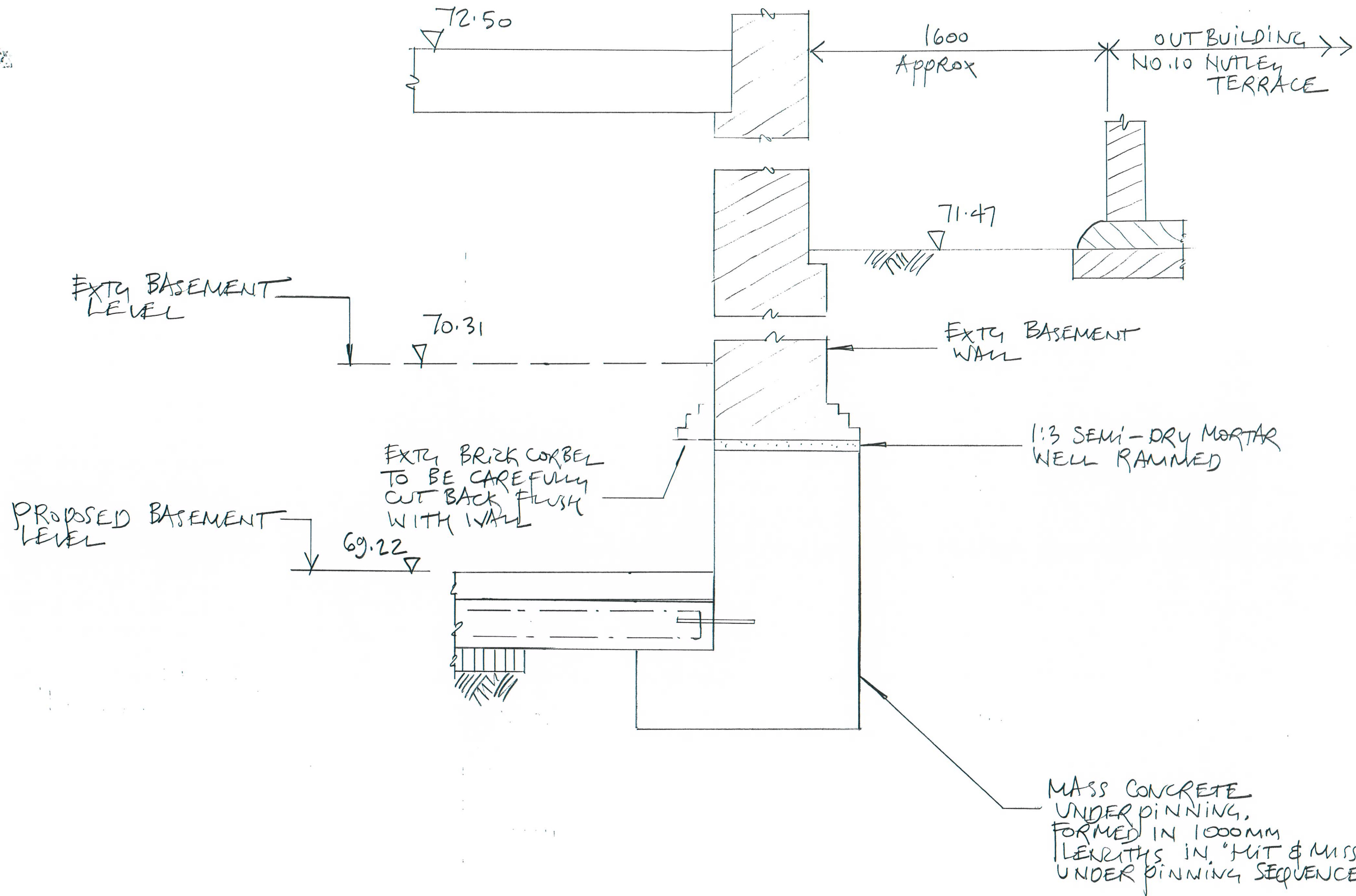
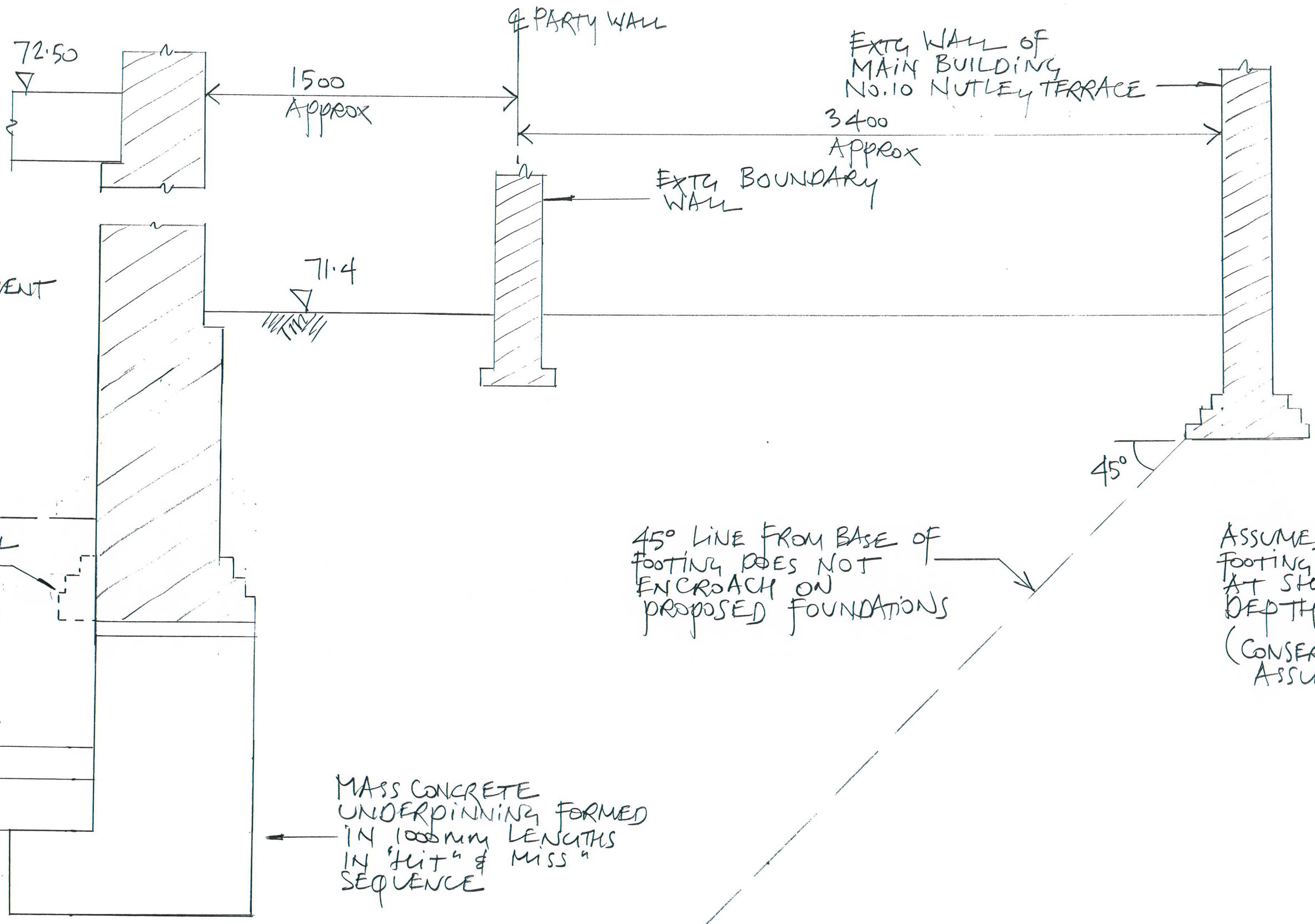




SECTION 6-6

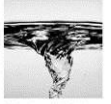


SECTION 7-7



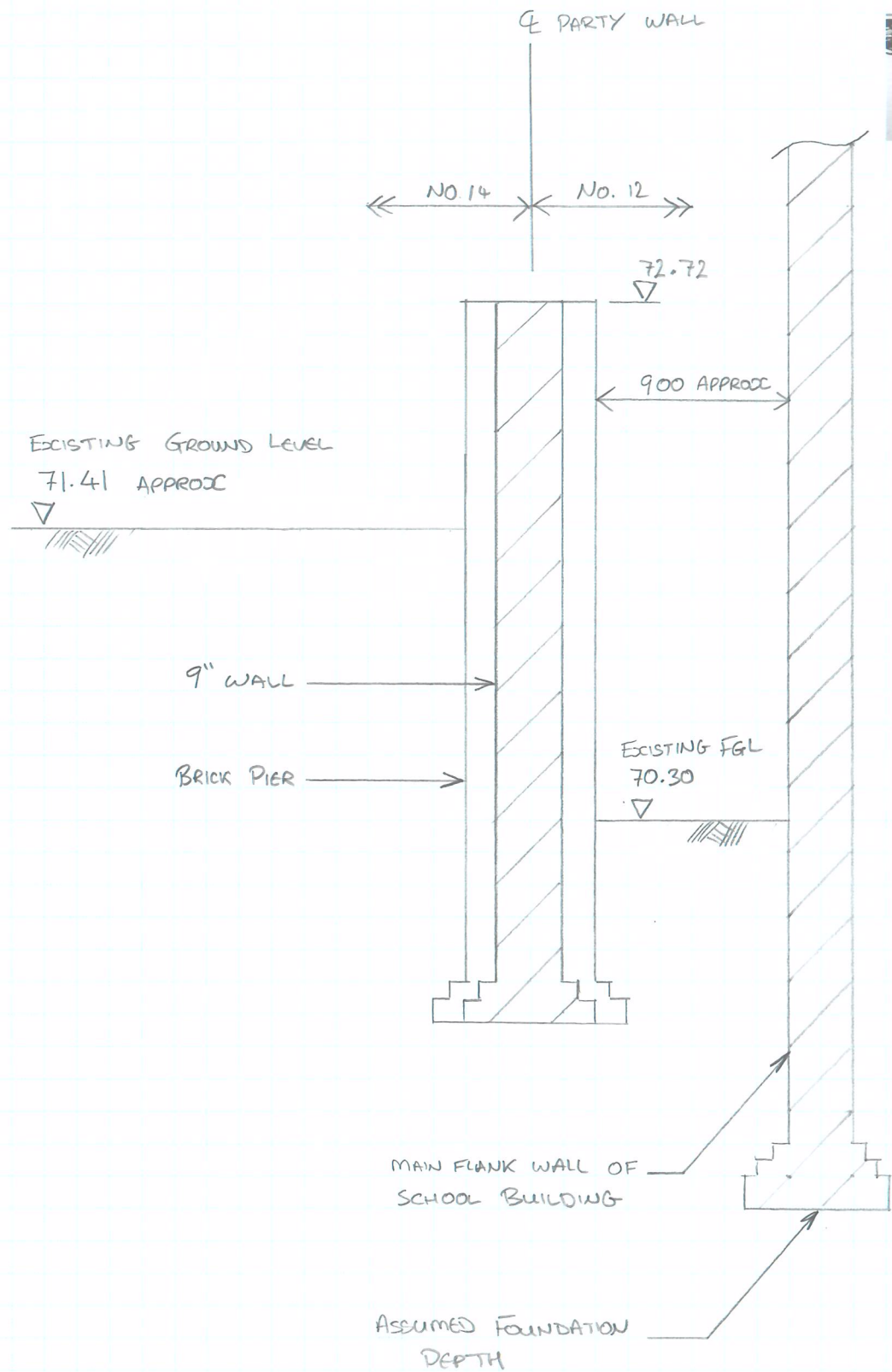
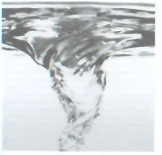
SECTION 8-8

Project: NETHERHAM AONS.
Title: SECTION 5-5
Job No. 23959
DRG No. SKPW08
Date: 8/14
REV: 1
Drn By: M
Chk By: SB



Appendix B

Example retaining wall construction sequence



① INITIAL CONDITIONS

Project: NETHER HALL GRDWS

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 1

REV:

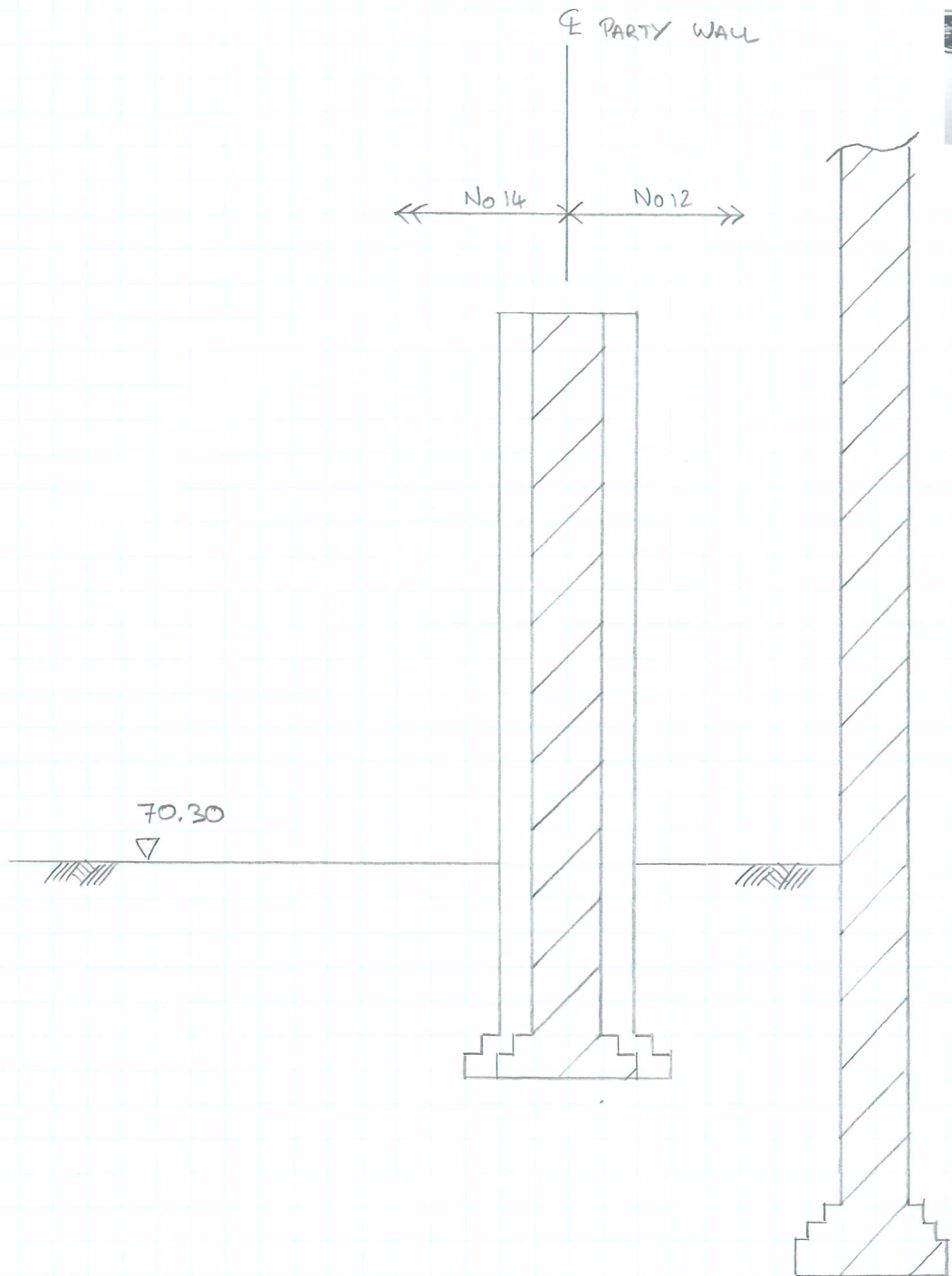
Chk By:

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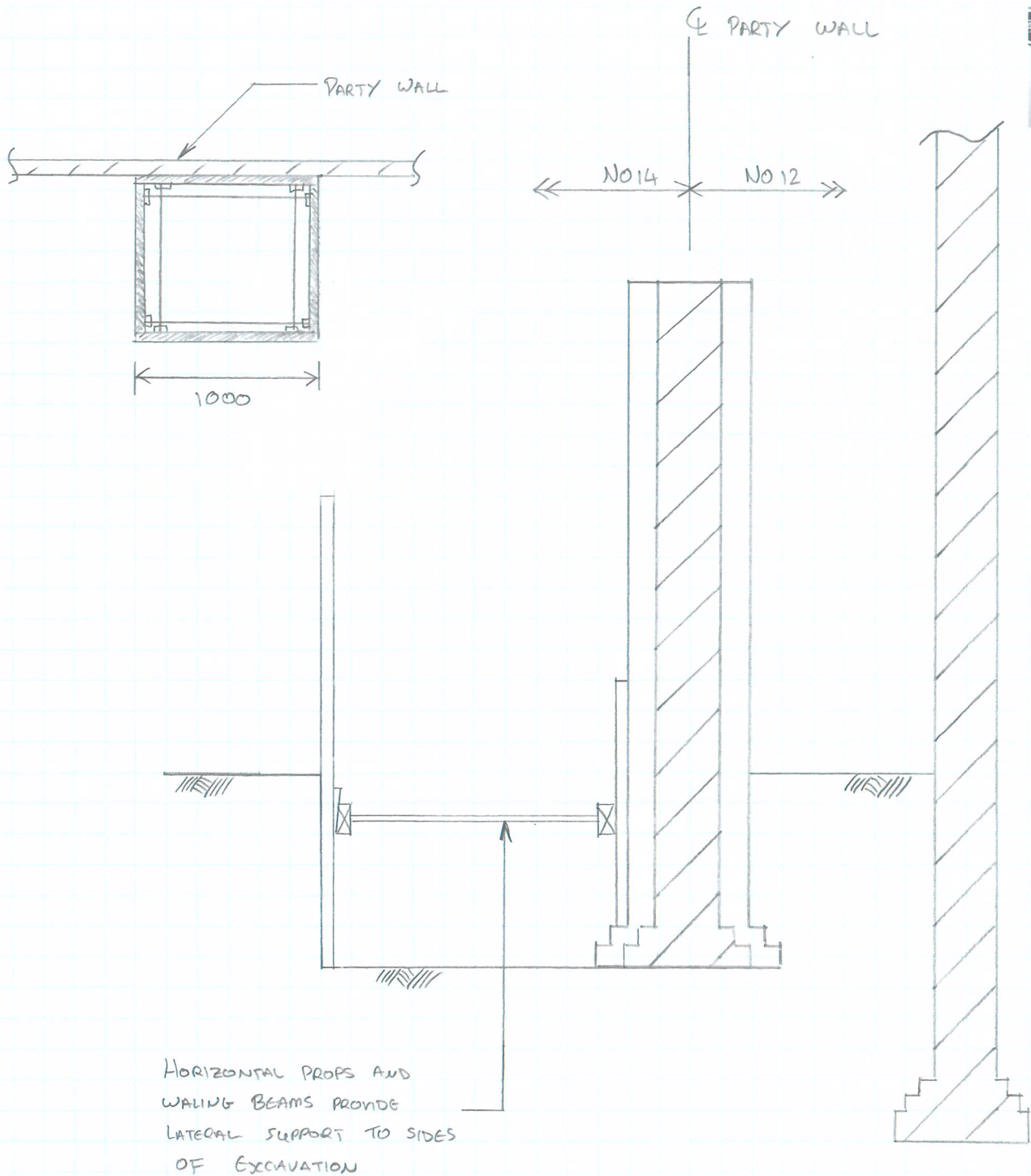
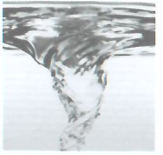
ENGINEERS AND TECHNICAL DESIGNERS

21 St George's Road London SE1 6ES Telephone: 020 7820 7766

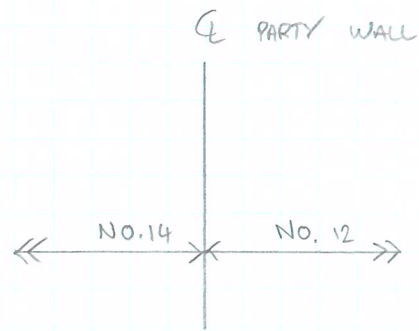
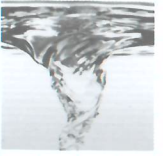
Email: [firstname]@fluidstructures.com Web: www.fluidstructures.com



- ② REDUCE GROUND LEVEL ON NO.14 SIDE OF PARTY WALL
PRIOR TO COMMENCING UNDERPINNING



- ③ BEGIN: EXCAVATION OF UNDERPINNING IN 1000 MM 'HIT + MISS' SEQUENCE. ENSURE EXCAVATION IS ADEQUATELY PROPPED AND A SAFE WORKING SPACE IS ALLOWED FOR.



- ④ EXCAVATE TO COMPLETE DEPTH REQUIRED FOR UNDERPINNING. SEQUENTIAL RELOCATE + INSTALL NEW PROPS AS REQUIRED.

VERTICAL PROPS
SUPPORTING EXISTING
WALL

PRE-CAST CONCRETE
PLANKS INSTALLED
AS EXCAVATION PROGRESSES

Project: NETHERHALL GROUNDS

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 4

REV:

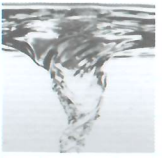
Chk By:

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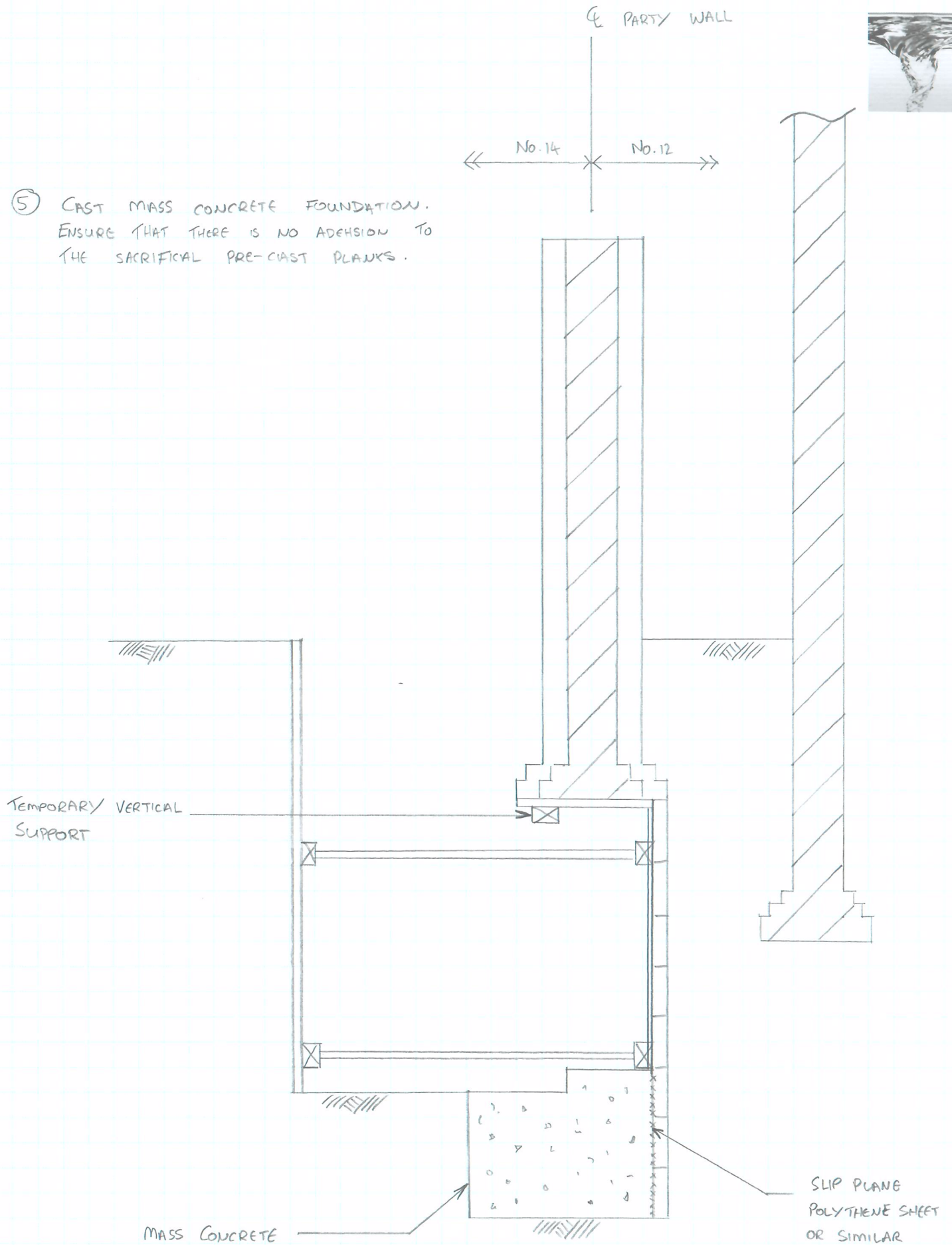
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- ⑤ CAST MASS CONCRETE FOUNDATION.
ENSURE THAT THERE IS NO ADHESION TO
THE SACRIFICIAL PRE-CAST PLANKS.



Project: NETHER HALL GROUNDS

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 5

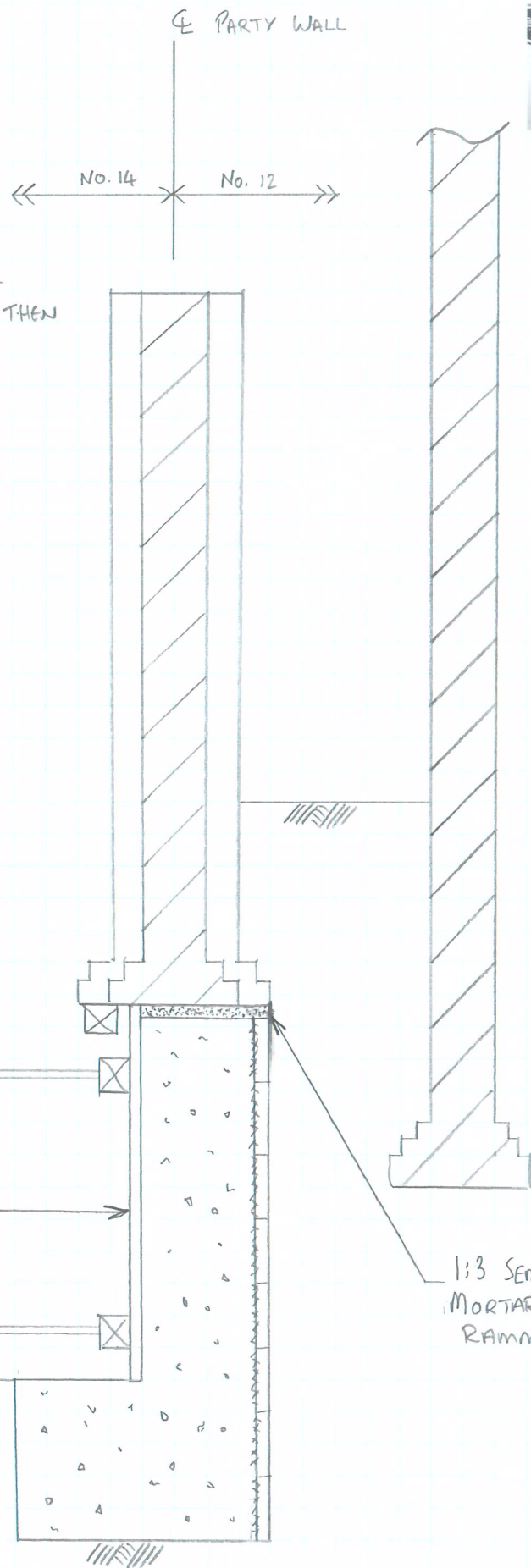
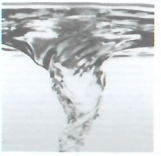
REV:

Chk By:

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- ⑥ INSTALL FORMWORK, ALWAYS ENSURING EXCAVATION IS ADEQUATELY PROPPED, THEN CAST MASS CONCRETE UNDERPINNING. INFILL BENATH EXISTING WALL WITH A SEMI-DRY WELL RAMMED MORTAR.

SEQUENTIALLY RELOCATE PROPS, WALING BEAMS AND BOARDS TO ALLOW INSERTION OF SHUTTERS. THEN CAST WALL

1:3 SEMI-DRY MORTAR WELL RAMMED

Project: NETHER HALL GRDN

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 6

REV:

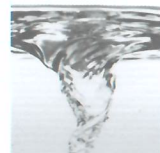
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← PARTY WALL

← No. 14 No. 12 →

- ⑦ BACKFILL EXCAVATION IN COMPACTED LAYERS. REPEAT STEPS ① - ⑦ FOR SUBSEQUENT 1000MM STRIPS UNTIL ENTIRE WALL IS UNDERPINNED.

CAREFULLY REMOVE
PROTUSION OF
EXISTING WALL

BACKFILL IN
COMPACTED LAYERS

Project: NETHERHALL GROUNDS

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 7

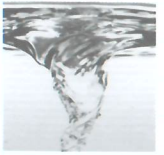
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Chk By:

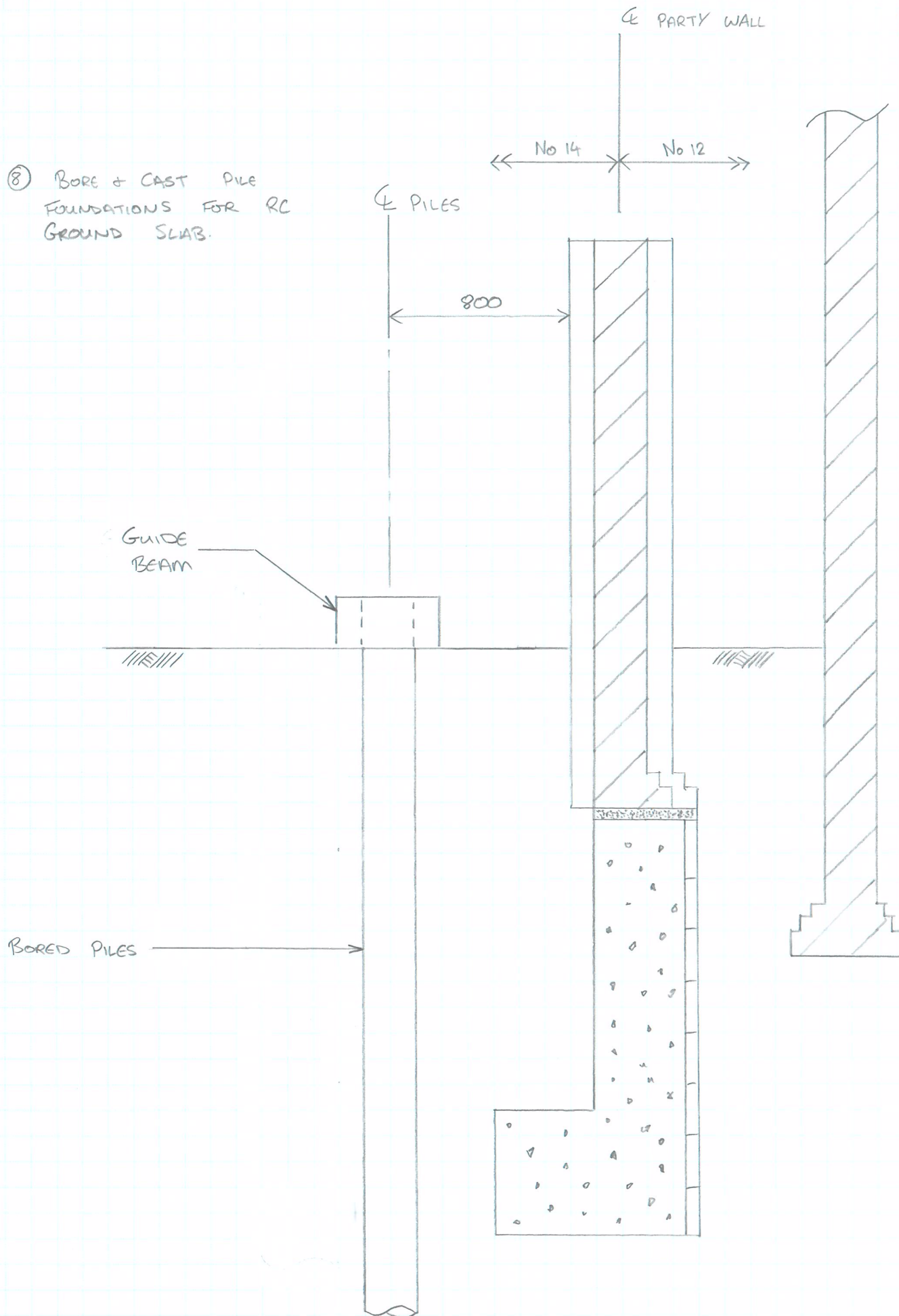
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⑧ BORE + CAST PILE
FOUNDATIONS FOR RC
GROUND SLAB.



Project: NETHERHALL GROUNDS

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 8

REV:

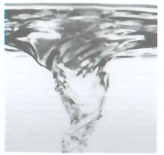
Chk By:

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CE PARTY WALL

NO. 14 NO. 12

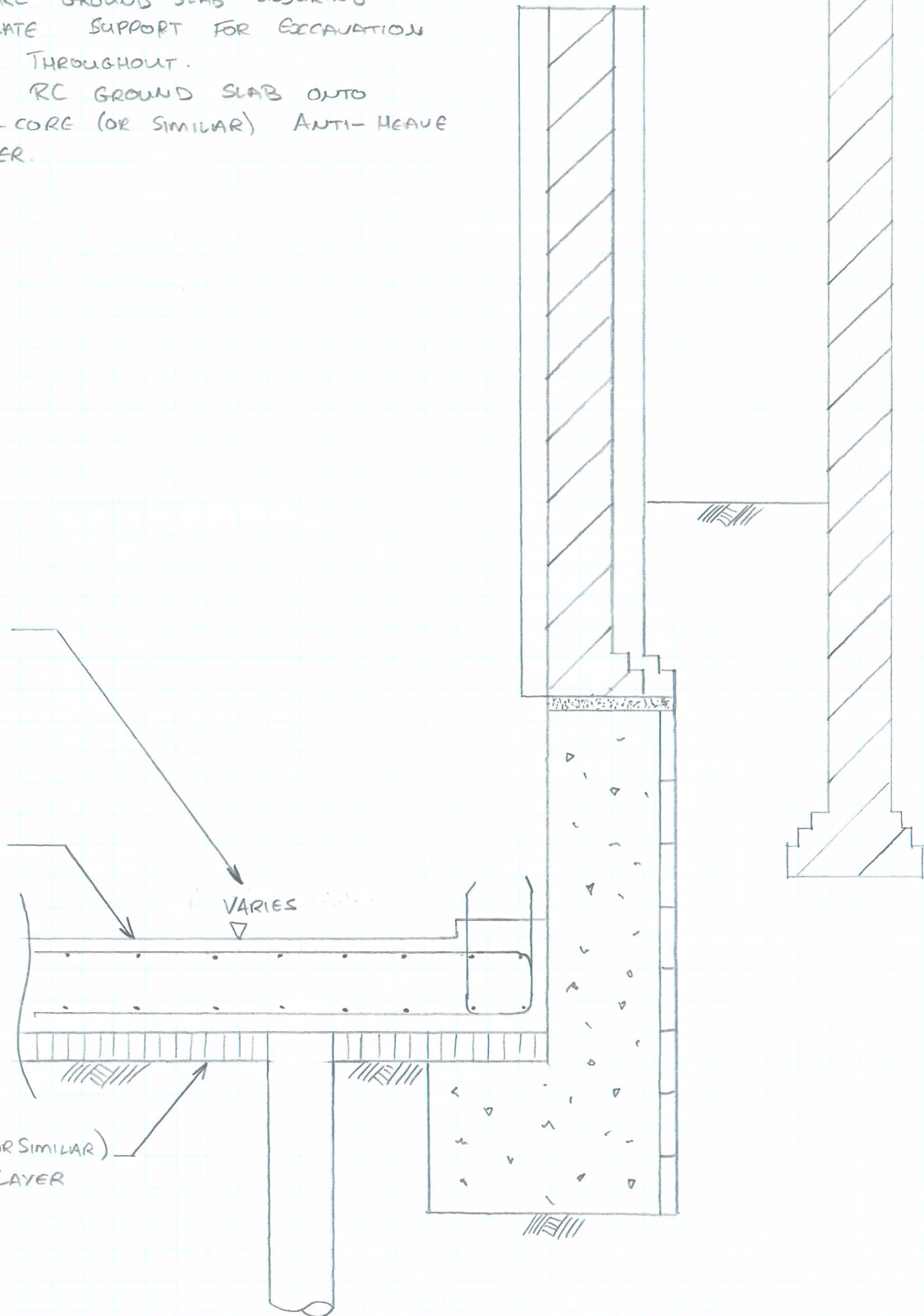
- ⑨ EXCAVATE TO DEPTH REQUIRED FOR RC GROUND SLAB ENSURING ADEQUATE SUPPORT FOR EXCAVATION WALLS THROUGHOUT. CAST RC GROUND SLAB ONTO CELL-CORE (OR SIMILAR) ANTI-HEAVE LAYER.

RAMP LEVEL VARIES
69.3m TO 66.9m

RC GROUND
SLAB

VARIES

CELL-CORE (OR SIMILAR)
ANTI-HEAVE LAYER



Project: NETHERHALL GRDN'S

Title: RETAINING WALL CONSTRUCTION SEQUENCE

Job No. 23959

Date: 12/14

Drn By: BS

Sheet No. 9

REV:

Chk By:

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