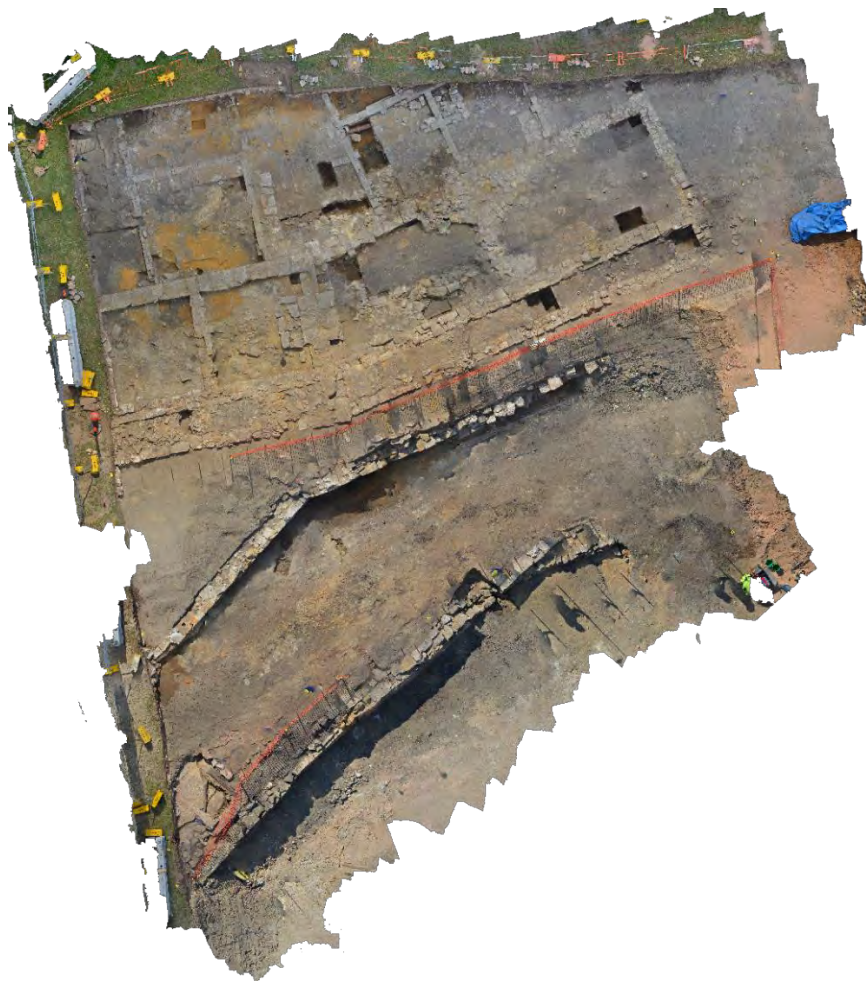


Archaeological Investigation
Temporary Works Site
Henry Lawson Reserve, Blues Point
May 2022

VOLUME 3: SITE PLANS & HARRIS MATRIX



Orthophoto of historic features uncovered during excavation of Blues Point including House 1, 2, 3 and retaining walls. G. Hazell - Arcsurv.

VOLUME 3: SITE PLANS AND HARRIS MATRIX

9.1 SURVEY PLANS AND ORTHOPHOTOS

9.2 SITE PLANS AND INTERPRETATIVE PLANS

9.3 HARRIS MATRIX OF ARCHAEOLOGICAL CONTEXTS

VOLUME 3 SECTION 9.1: SURVEY PLANS AND ORTHOPHOTOS

BLUESPT1.2 – 4DXF: Areas A and B – Houses 1, 2 and 3, retaining walls and seawalls

BLUESPT1.2 – 4DXF WITH ORTHO: Areas A and B – Houses 1, 2 and 3, retaining walls and seawalls

BLUESPT1.2 – DRAWING003 WITH ORTHO: Area A – Houses 1, 2 and 3, 'Steven's house'

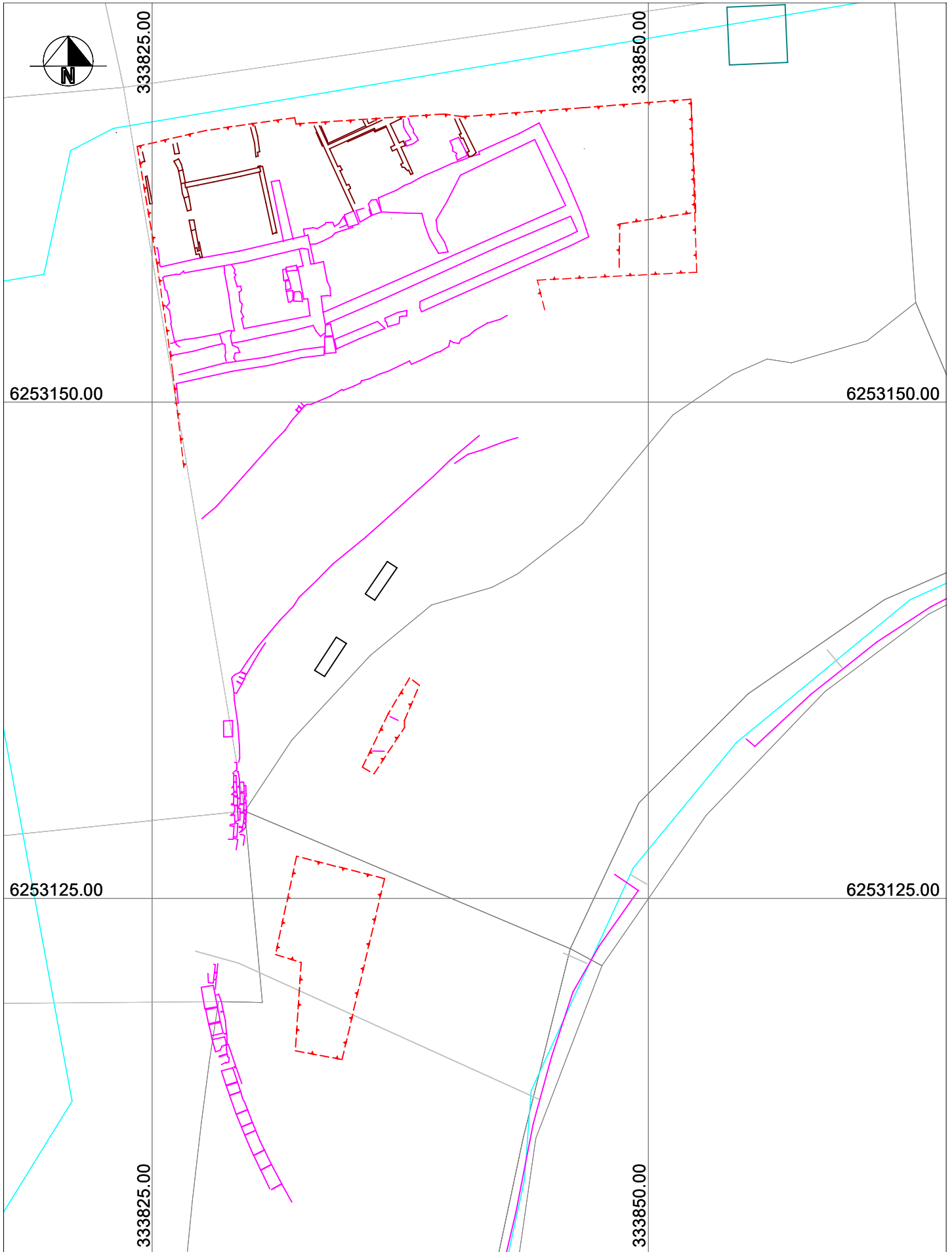
BLUESPT1.2 – ORTHO: Areas A and B – Ortho of Historic Features, Houses 1, 2, 3, retaining walls

BLUESPT1.2 – ORTHO: Areas A and B – Bedrock Contours across the site at 0.5m

SECTION2018-10-23 – DRAWING 001: Area B – Seawall, Section a 23-10-2018a

SECTION2018-10-23 – DRAWING 002: Area B – Seawall, Section 23-10-2018b

SECTION2018-10-18 – DRAWING 001: Area A – East facing section of TT22, Section 18-10-2018.



GUY HAZELL
FOR

METRO BLUES POINT

FILE: BluesPt1.2 - 4DXF



DATUM: MGA94 ZONE56 - AHD



SCALE: 1:250

@A4

DATE DRAWN: 28/08/2021

DATE OF POINT ACQUISITION:



GUY HAZELL
FOR

METRO BLUES POINT

FILE: BluesPt1.2 - 4DXF



DATUM: MGA94 ZONE56 - AHD
0 5 10

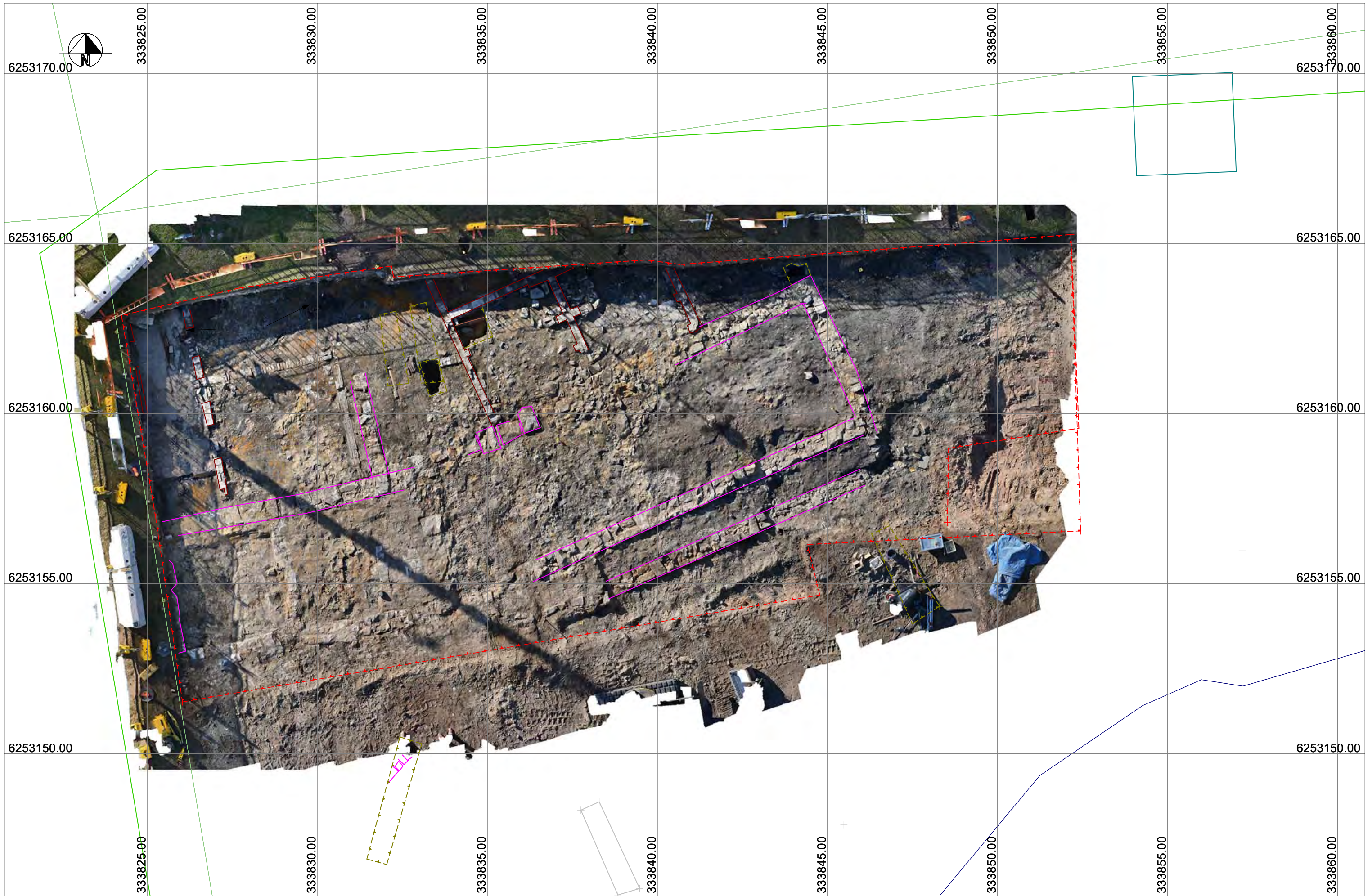


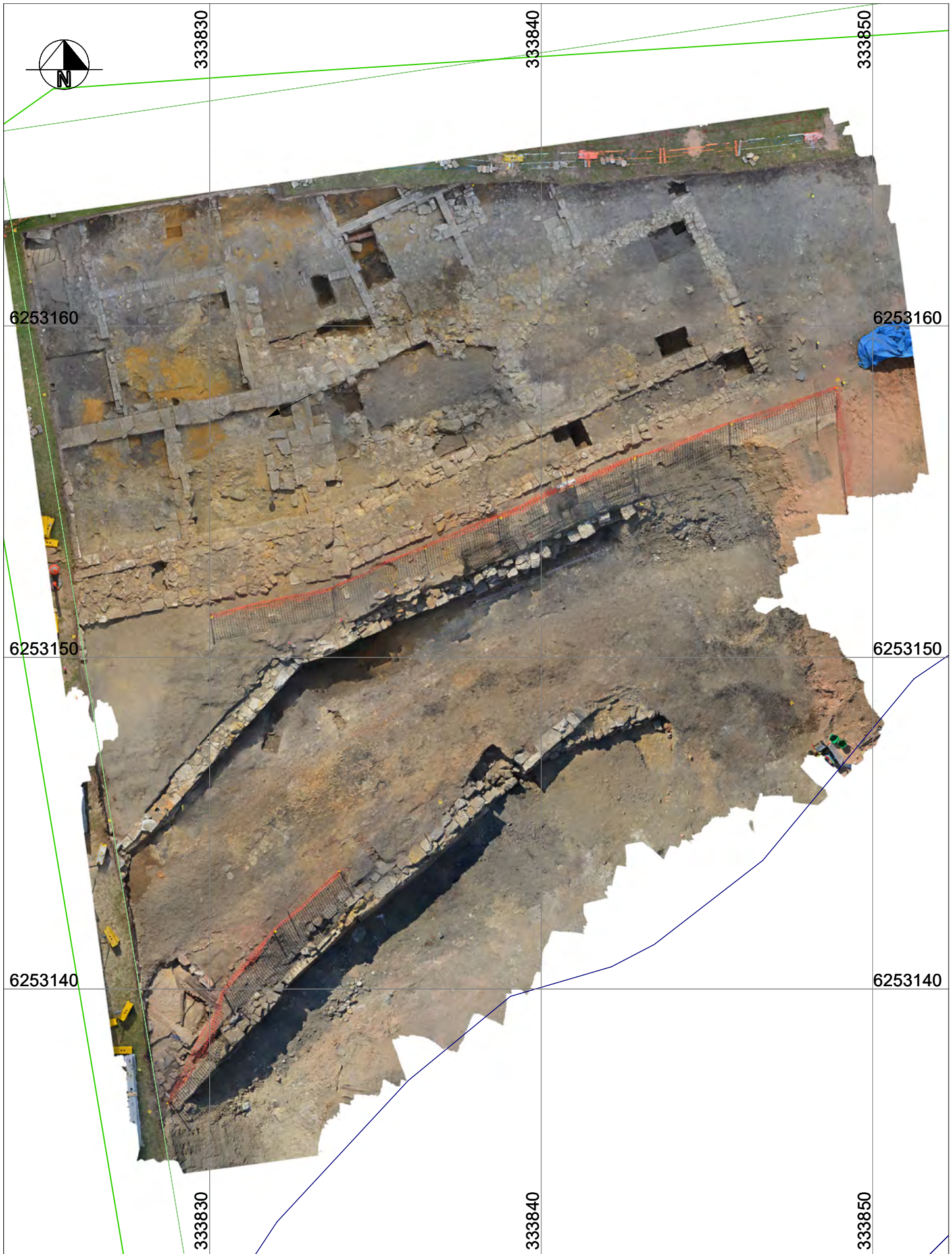
SCALE: 1:250

@A4

DATE DRAWN: 28/08/2021

DATE OF POINT ACQUISITION:





GUY HAZELL
FOR

METRO BLUES POINT
ORTHO OF HISTORIC FEATURES

FILE: BluesPt1.2 - Ortho



DATUM: MGA94 ZONE56 - AHD

0 1 2 3 4 5

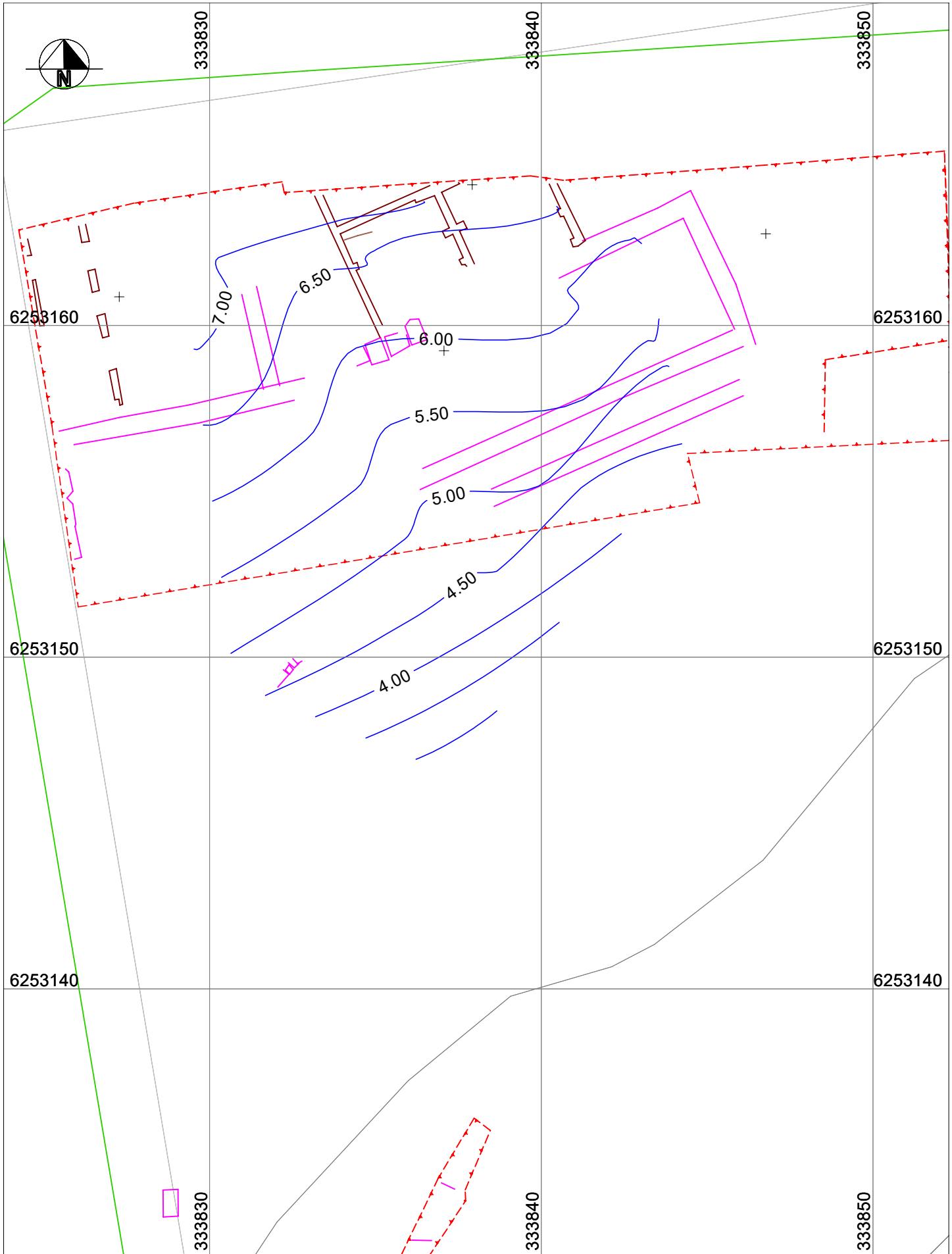


SCALE: 1:150

@A4

DATE DRAWN: 15/07/2019

DATE OF POINT ACQUISITION: 11-09-



GUY HAZELL
FOR

METRO BLUES POINT
BEDROCK CONTOURS AT 0.5m

FILE: BluesPt1.2 - Ortho



DATUM: MGA94 ZONE56 - AHD
0 1 2 3 4 5

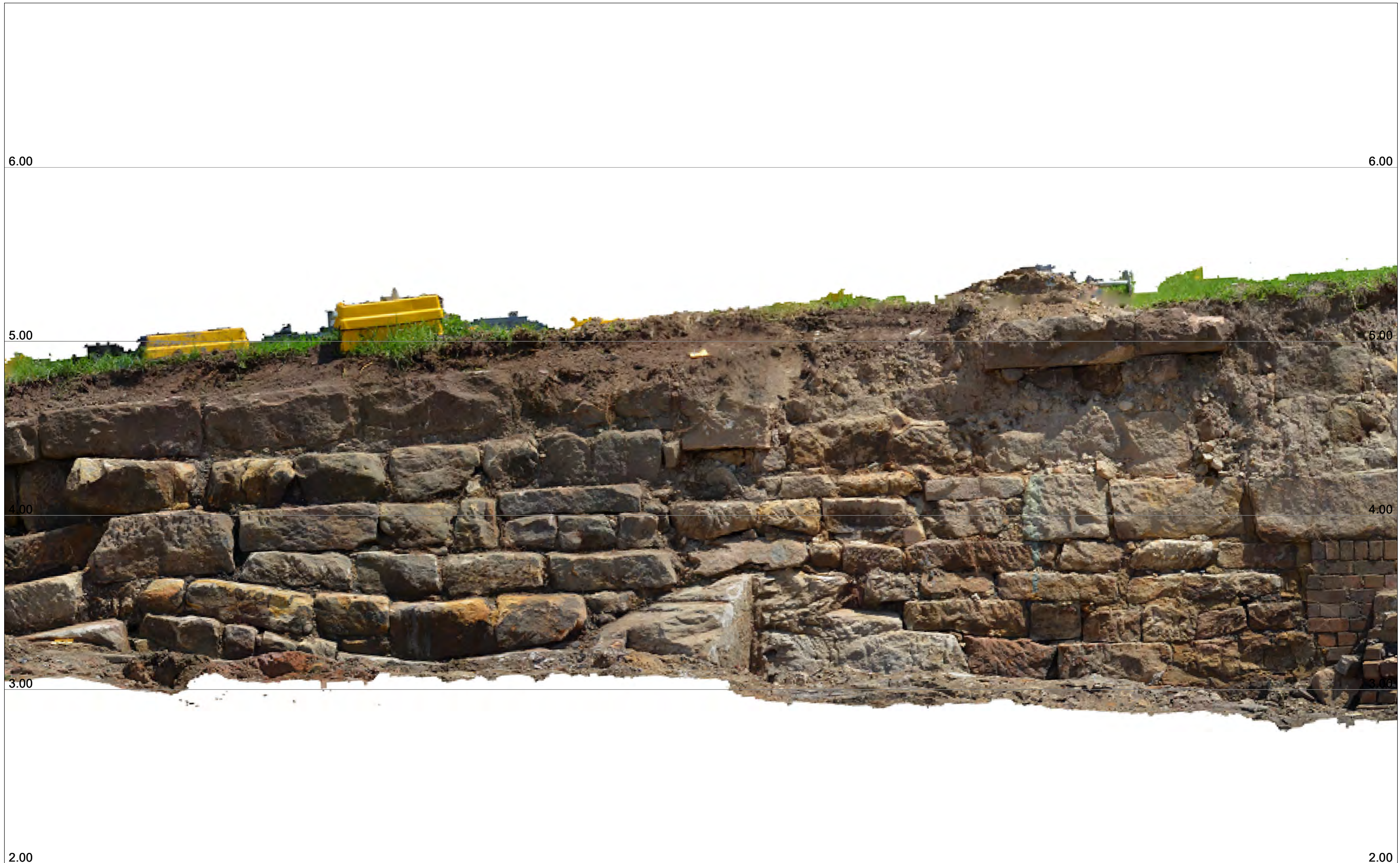


SCALE: 1:150

@A4

DATE DRAWN: 10/11/2020

DATE OF POINT ACQUISITION: 17-09-18

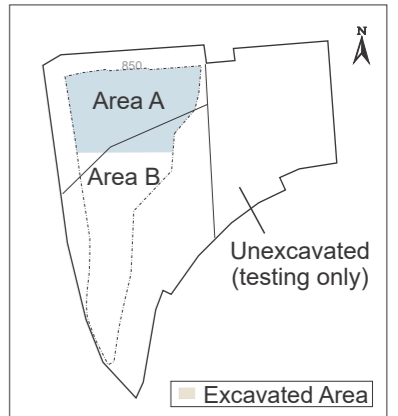
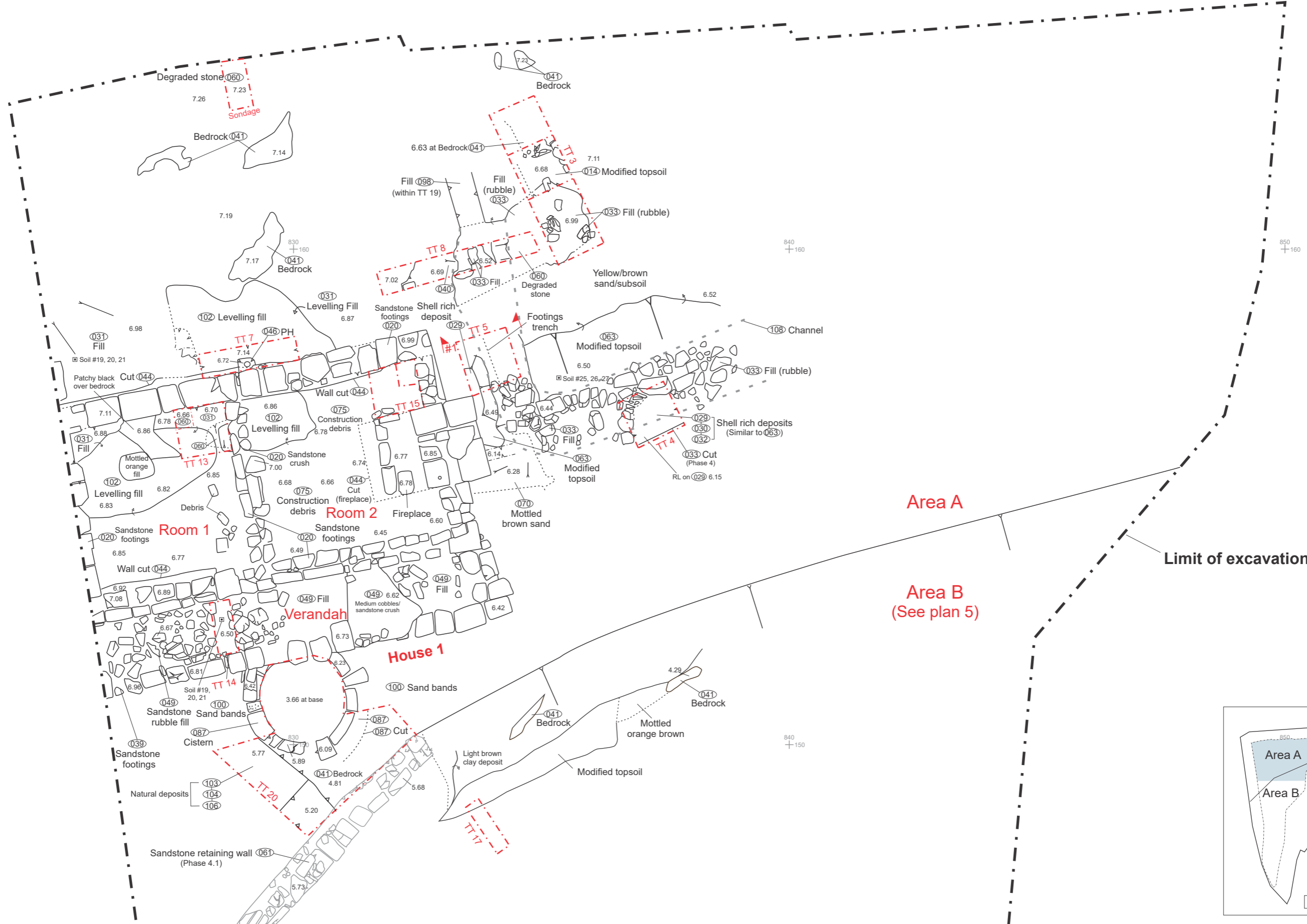






VOLUME 3 SECTION 9.2: SITE PLANS AND INTERPRETIVE PLANS

PLAN 1	Area A: Phase 3 c.1817-1860s – Early European occupation, House 1 construction
PLAN 1.1	Shaded Area A: Phase 3 c.1817-1860s – Early European occupation, House 1 construction
PLAN 2	Area A: Phase 4.1 1860s-1870s + Phase 4.2 1880s-1890s – House 2 and 3 construction, wharfage, maritime industries, residential occupation
PLAN 2.1	Shaded Area A: Phase 4.1 1860s-1870s + Phase 4.2 1880s-1890s – House 2 and 3 construction, wharfage, maritime industries, residential occupation
PLAN 2.2	Area A: Phase 4.1 1860s-1870s + Phase 4.2 1880s-1890s – Location of large machine trenches TT18, 19, 22, and 23 through Steven’s house
PLAN 3	Area A: Phase 5 1900-1930s + Phase 6 1940s-1960s – Vehicular Ferry upgrades, new businesses and demolition of the cottages and Ferry Wharf
PLAN 3.1	Shaded Area A: Phase 5 1900-1930s + Phase 6 1940s-1960s – Vehicular Ferry upgrades, new businesses and demolition of the cottages and Ferry Wharf
PLAN 3.2	Area A: Phase 5 1900-1930s + Phase 6 1940s-1960s – Underfloor Gird within House 1, Room 1 and Room 2 (Phase 5)
PLAN 4	Area A: Section Drawing 1 and Section Drawing 4
PLAN 5	Area B: Phase 3 c.1817-1860s – Early European occupation, House 1 construction
PLAN 5.1	Shaded Area B: Phase 3 c.1817-1860s – Early European occupation, House 1 construction
PLAN 6	Area B: Phase 4 1867-1890s – Maritime Industries and Residential Occupation, retaining walls, reclamation fills and access road to Steven’s Jetty
PLAN 6.1	Shaded Area B: Phase 4 1867-1890s – Maritime Industries and Residential Occupation, retaining walls, reclamation fills and access road to Steven’s Jetty
PLAN 7	Area B: Phase 5 and 6 Early 1900s-1960s – Later Surfaces along access road to Steven’s Jetty
PLAN 7.1	Shaded Area B: Phase 5 and 6 Early 1900s-1960s – Later Surfaces along access road to Steven’s Jetty
PLAN 8	Area B: Section Drawing 2 and Section Drawing 3
PLAN 9	Area B: Southwest corner of site – Detail of seawalls below the eastern footpath along Blues Point Road
PLAN 10	Area B: Seawalls and retaining walls in Area B
PLAN 11	Area A and B: Schematic plan showing water channels through the study area
PLAN 11.1	Area A and B: Schematic plan showing contamination test trenches
PLAN 11.2	Area A and B: Schematic plan showing C & L hand excavated test trenches
PLAN 11.3	Area A and B: Schematic plan showing C & L machine excavated test trenches
PLAN 11.4	Area A and B: Schematic plan showing AMBS prehistory test trenches
PLAN 12	Location of Blues Point geodata – Datum: MGA94 Zone 56-AHD
PLAN 13	Area A and B: Schematic plan of study area



Legend

1.23 - Reduced Level in metres

310 - Context Number

PH - Posthole

Soil Samples

Section

Scale

0 5m

Blues Point: Area A Phase 3, c.1817-1860s

Early European occupation, House 1 construction

Plan No: 1

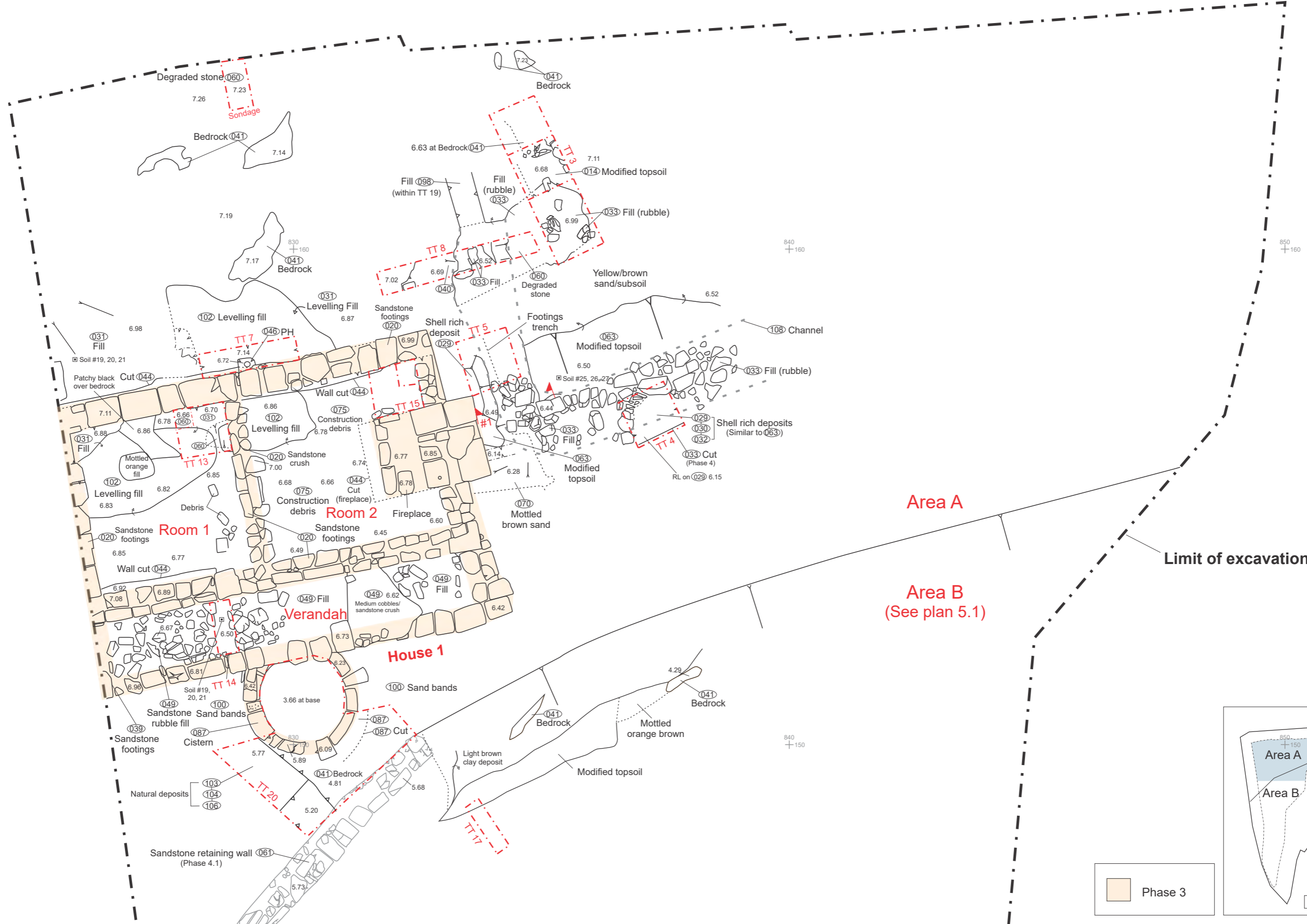
Drawn By: KMcd/CM

Date: August 2020

Project: Temporary works site,
Blues Point

Client: Sydney Metro





Legend

1.23 - Reduced Level in metres

310 - Context Number

PH - Posthole

Soil Samples

Section

Scale

0 5m

Blues Point: Area A Phase 3, c.1817-1860s

Early European occupation, House 1 construction

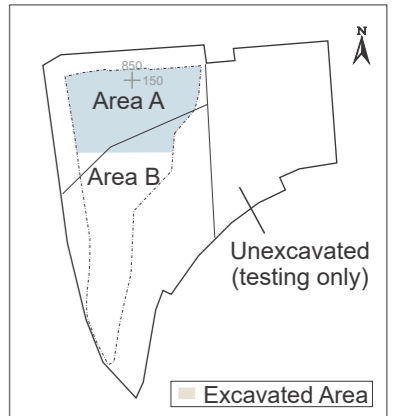
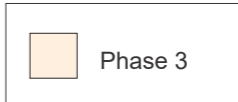
Plan No: 1.1

Drawn By: KMcd/CM

Date: August 2020

Project: Temporary works site, Blues Point

Client: Sydney Metro





Legend

1.23 - Reduced Level in metres

310 - Context Number

PH - Posthole

Soil Samples

Section

Scale

0 5m

Blues Point Area A: Phase 4.1, 1860s - 1870s + Phase 4.2 1880s-1890s

House 2 and 3 construction, wharfage, maritime industries, residential occupation

Plan No: 2

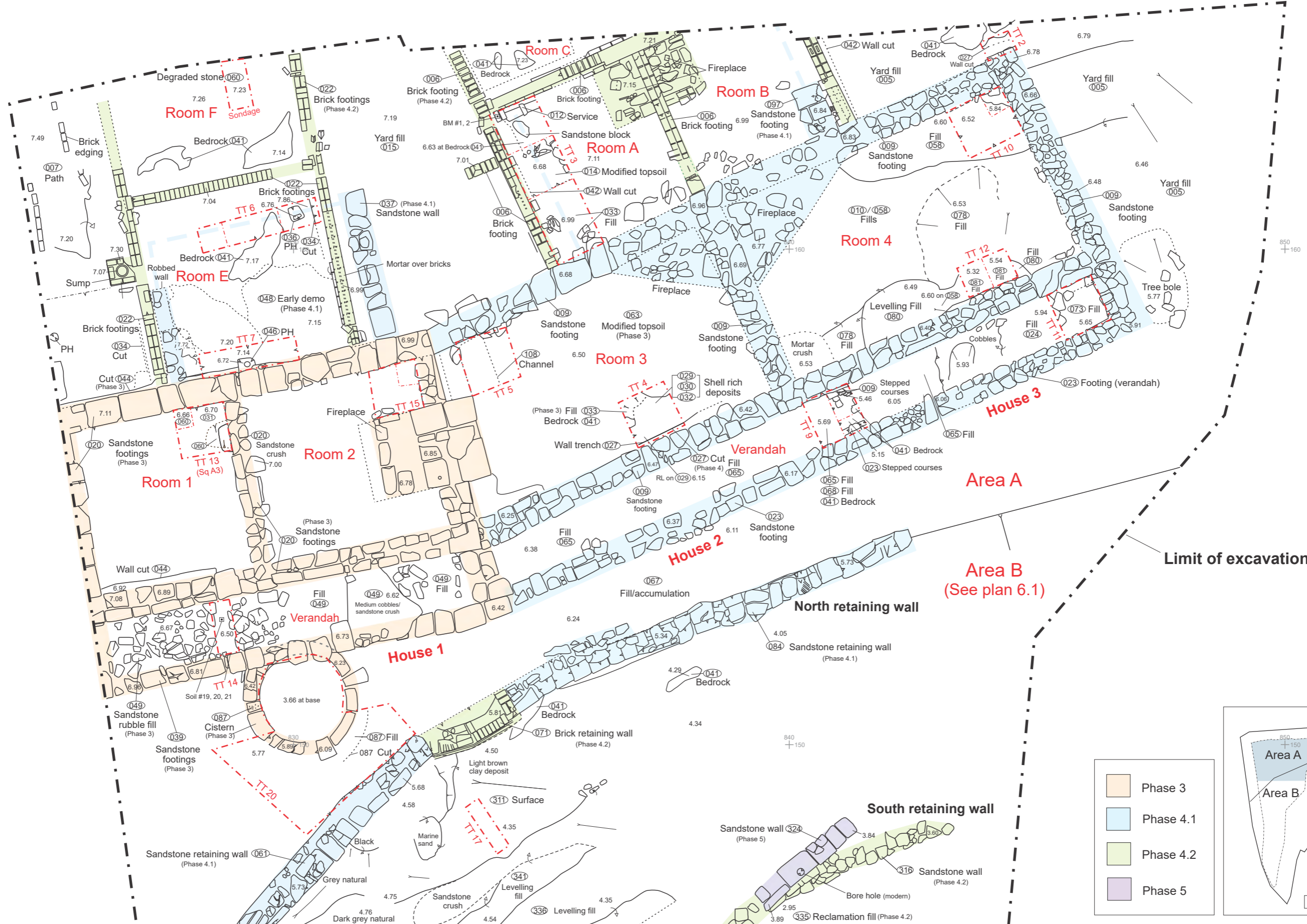
Drawn By: KMcd/CM

Date: August 2020

Project: Temporary works site, Blues Point

Client: Sydney Metro



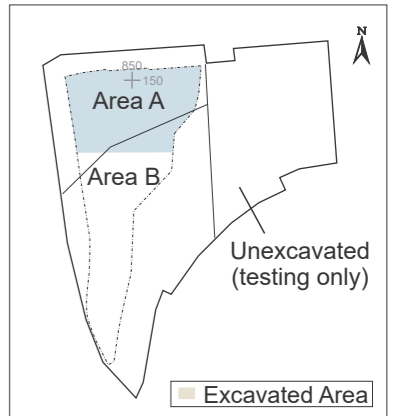


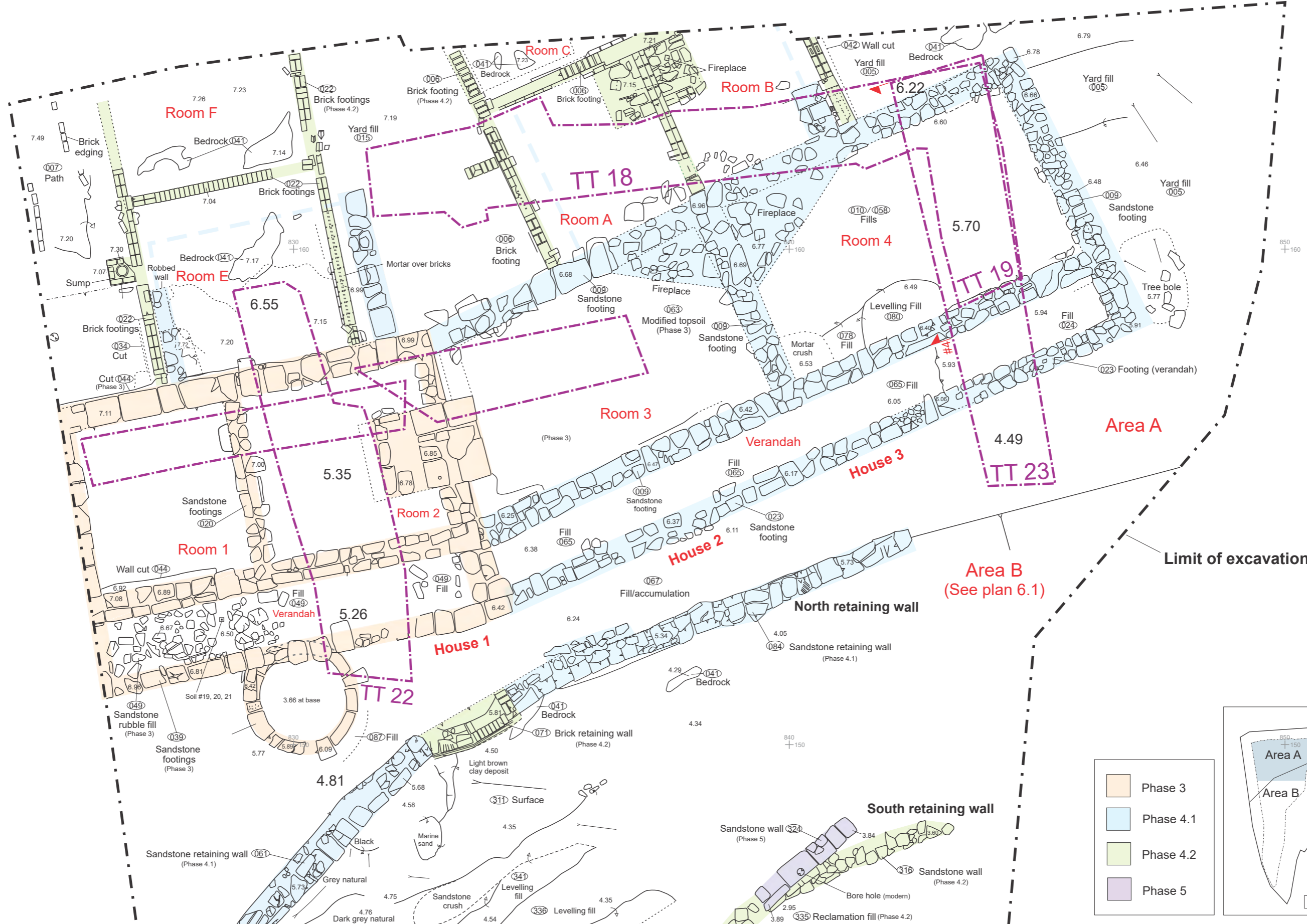
Legend	1.23 - Reduced Level in metres	- Soil Samples
- Context Number	PH - Posthole	- Section

Blues Point Area A: Phase 4.1, 1860s - 1870s + Phase 4.2 1880s-1890s
House 2 and 3 construction, wharfage, maritime industries, residential occupation

Plan No: 2.1
 Drawn By: KMcd/CM
 Date: August 2020

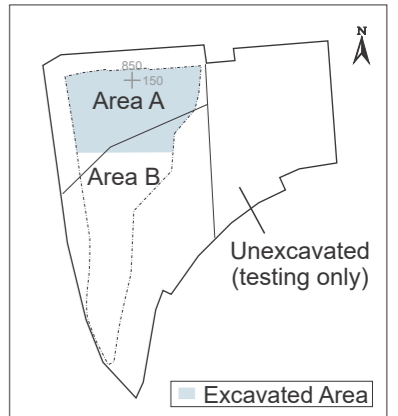
Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





Legend

- Phase 3
- Phase 4.1
- Phase 4.2
- Phase 5



Legend

- 1.23 - Reduced Level in metres
- 310 - Context Number
- PH - Posthole
- M - Soil Samples
- M - Section

Scale

0 5m

Blues Point Area A: Location of large machine trenches TT 18, 19, 22, and 23 through Steven's house

House 2 and 3 construction, wharfage, maritime industries, residential occupation

Plan No: 2.2

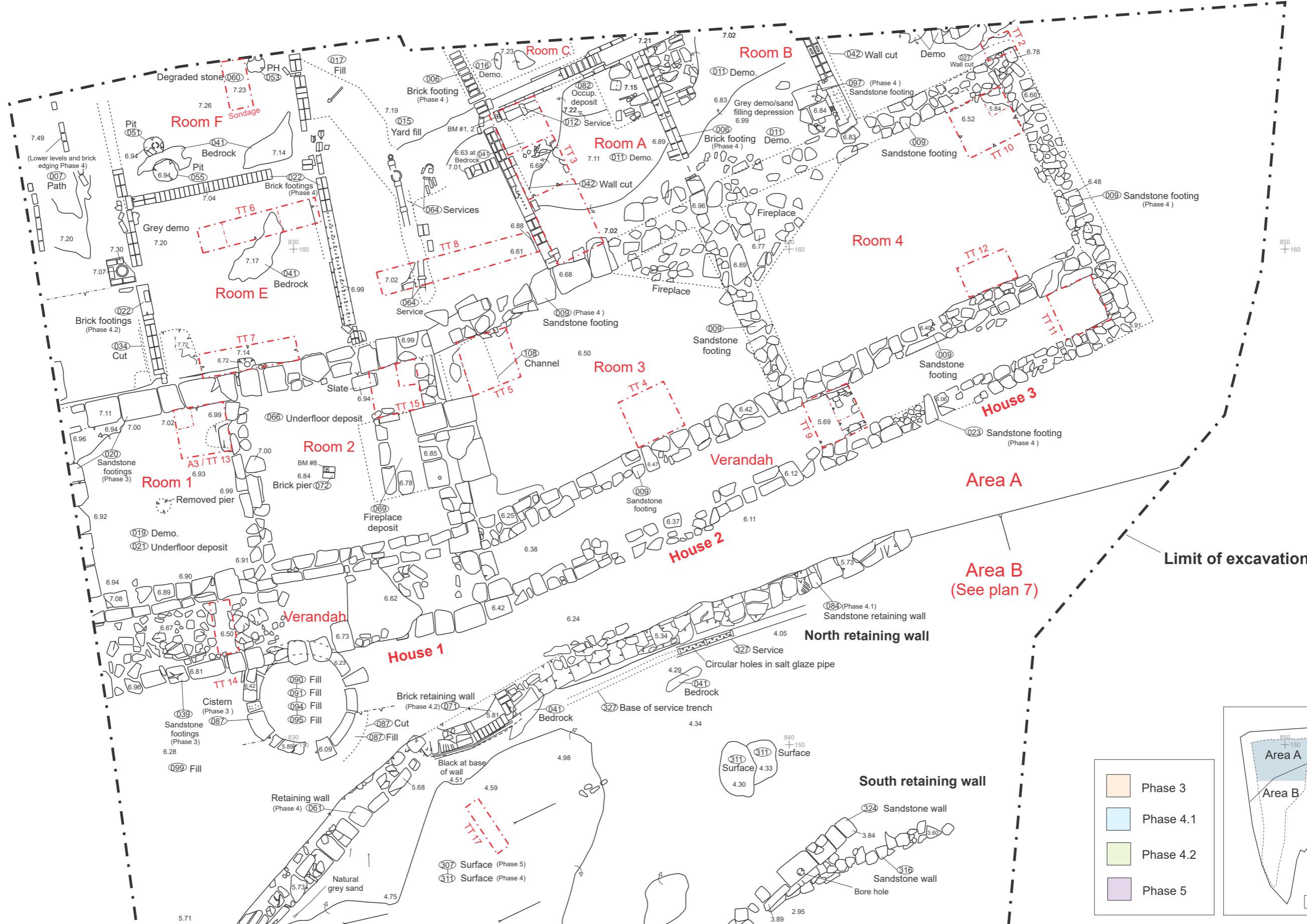
Drawn By: KMcd/CM

Date: August 2020

Project: Temporary works site, Blues Point

Client: Sydney Metro





Legend
 1.23 - Reduced Level in metres
 310 - Context Number
 PH - Posthole
 □ - Soil Samples
 T - Section

Scale
 0 5m

Blues Point Area A: Phases 5 1900-1930s + Phase 6 1940s-1960s, houses demolished in 1940s

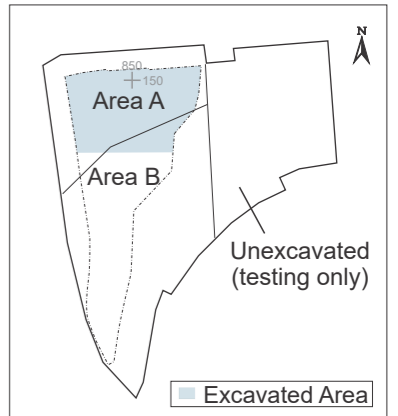
Vehicular Ferry, upgrades, new businesses and demolition of cottages and Ferry Wharf

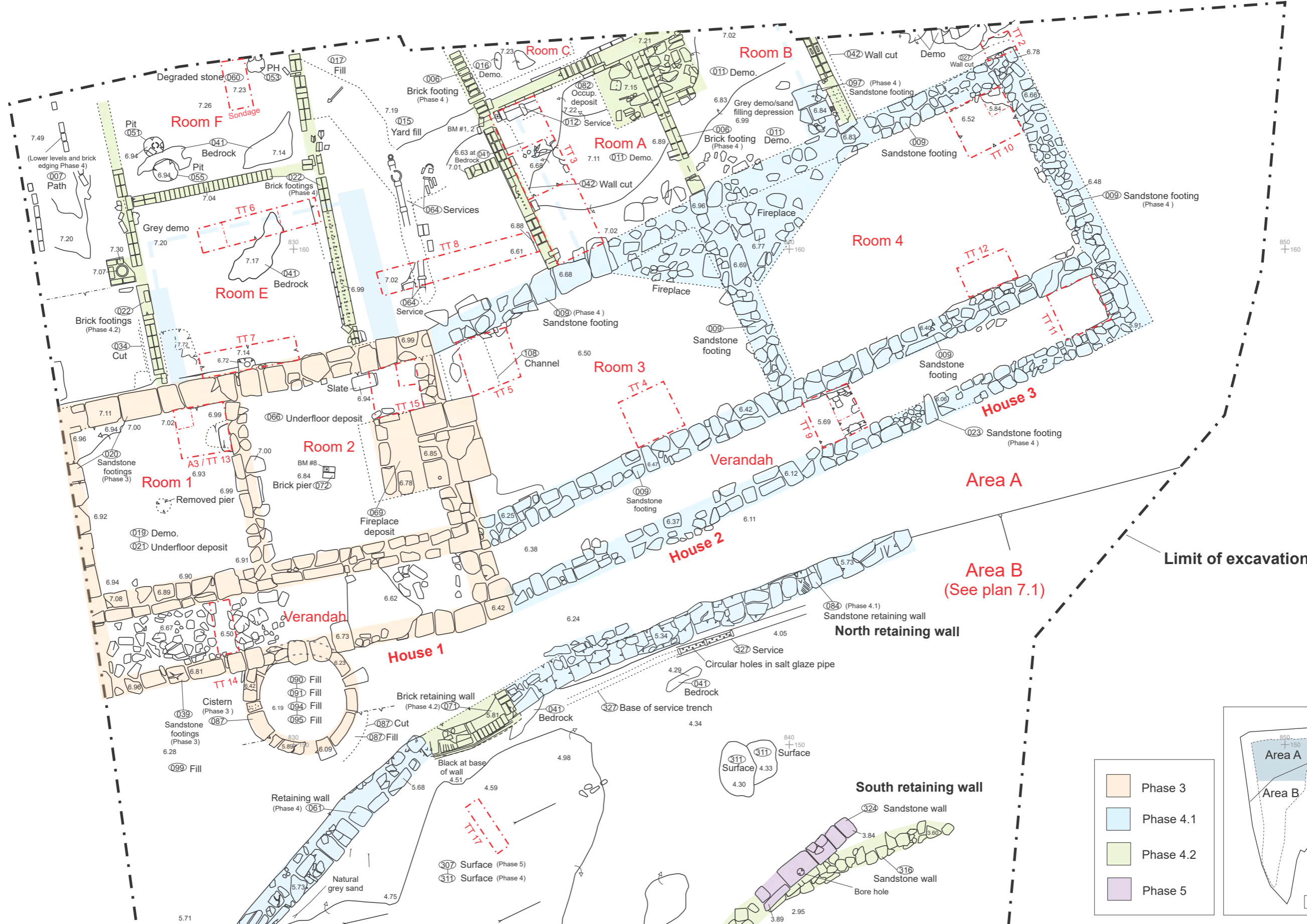
Plan No: 3
Drawn By: KMcd/CM
Date: August 2020

Project: Temporary works site, Blues Point
Client: Sydney Metro

Phase Legend

- Phase 3
- Phase 4.1
- Phase 4.2
- Phase 5





Legend

1.23 - Reduced Level in metres

310 - Context Number

PH - Posthole

Soil Samples

Section

Scale

0 5m

Blues Point Area A: Phases 5 1900-1930s + Phase 6 1940s-1960s, houses demolished in 1940s

Vehicular Ferry, upgrades, new businesses and demolition of cottages and Ferry Wharf

Plan No: 3.1

Drawn By: KMcd/CM

Date: August 2020

Project: Temporary works site, Blues Point

Client: Sydney Metro

Phase 3

Phase 4.1

Phase 4.2

Phase 5

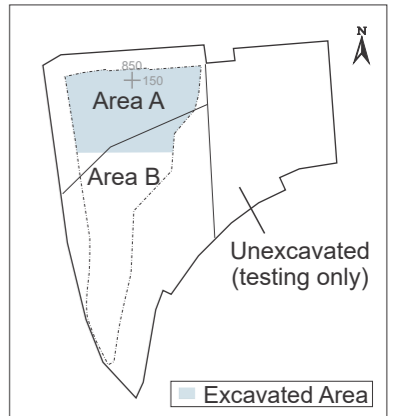
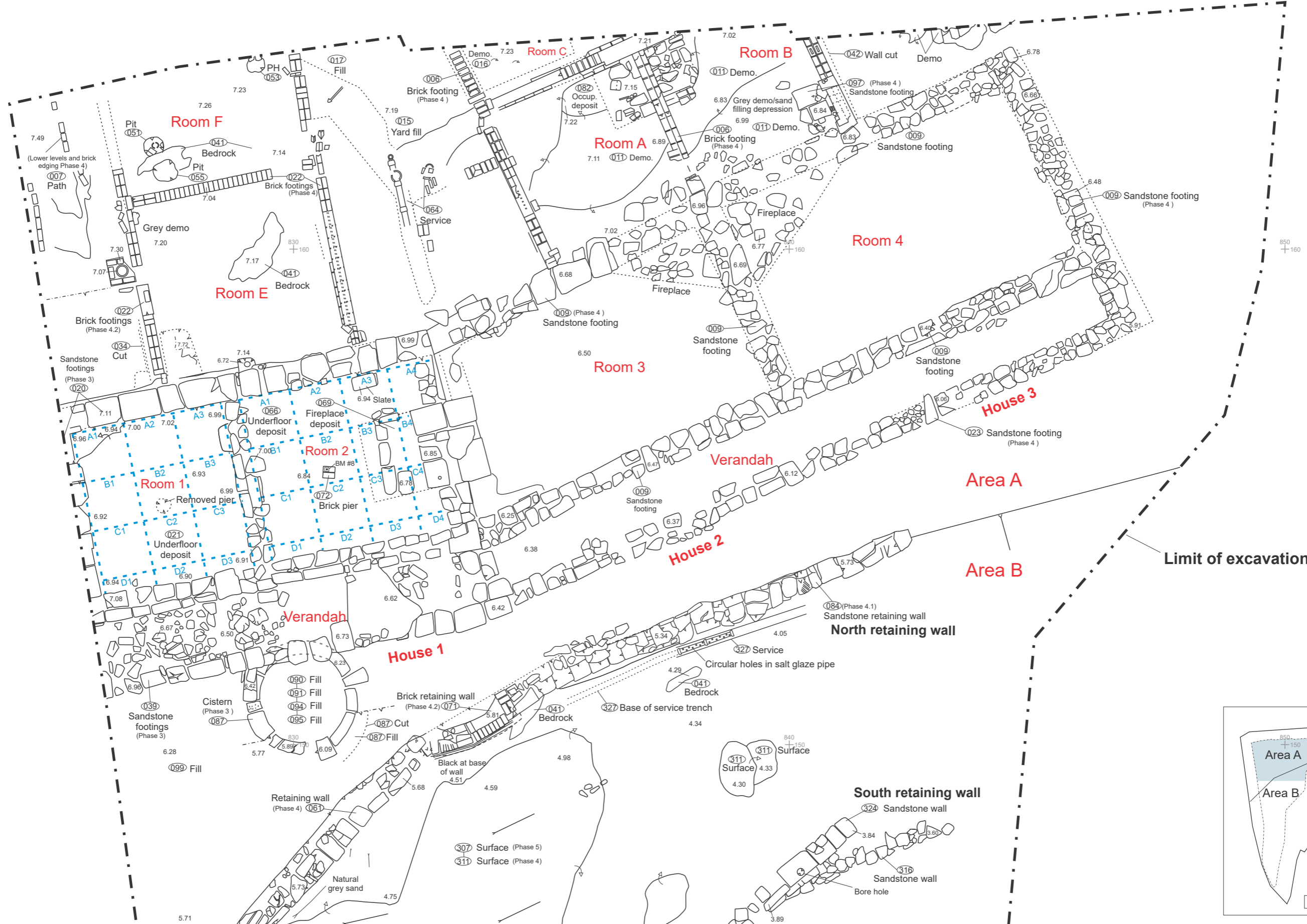
Area A

Area B

Unexcavated (testing only)

Excavated Area





Legend

1.23 - Reduced Level in metres

310 - Context Number

PH - Posthole

Soil Samples

Section

Scale

0 5m

Blues Point Area A: Phases 5 1900-1930s + Phase 6 1940s-1960s, houses demolished in 1940s

Underfloor Grid within House 1, Room 1 and Room 2 (Phase 5)

Plan No: 3.2

Drawn By: KMcd/CM

Date: August 2020

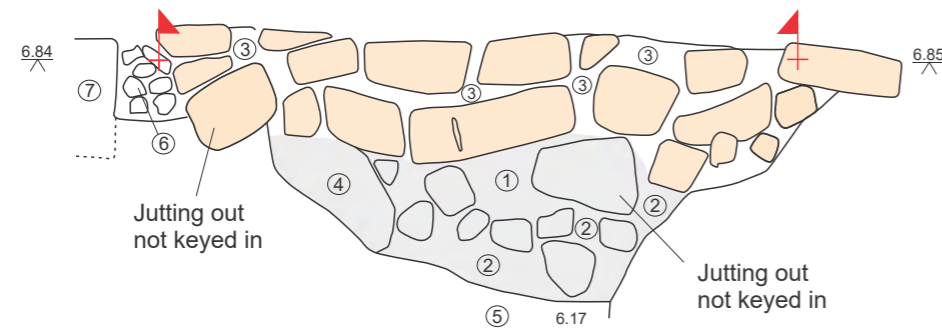
Project: Temporary works site, Blues Point

Client: Sydney Metro





Section 1: Area A, South-facing section, House 2, Room 3 showing black rubble in channel below footings.



- ① Very dark brown/black silty sand with inclusions and some pins, very soft, mixed fill.
- ② Mid brown sandy fill with very frequent crushed stone of all different sizes/disintegration, found between sandstone blocks in trench running North to South of the section, context 033
- ③ Sandstone mortar, light yellow, found between sandstone blocks of north wall running East to West, House 2.
- ④ Dark brown/grey silty clayey sand with small crushed pieces of sandstone (<50mm), occasional charcoal, very loose and crumbly, not compact. Demo/disturbance?
- ⑤ Very clean grey sand, no artefacts/sandstone, base of channel.
- ⑥ Sandstone rubble/small pieces of sandstone within mid brown silty clayey sand.
- ⑦ Sandstone wall running North to South (020), East wall of House 1.

Section 4: Area A, East-facing section of Test Trench 19 showing ground raising fills for Houses 2 + 3 and natural deposits.



- ① Grey sand with frequent inclusions 078
- ② White and grey sandstone crush - construction debris 092
- ③ Grey brown silty sand clumps with mixed inclusions 079
- ④ Mottled yellow clay and grey sand, few inclusions 081
- ⑤ Grey fine sand deposit 040 - same as 104
- ⑥ Black silty sand with charcoal and shell inclusions 063/040 (same as 103 + 104)
- ⑦ Hard mustard yellow sandy clay fill 093
- ⑧ Grey sand with charcoal flecks 058
- ⑨ Grey/brown silty sand 040
- ⑩ Yard fill brown-black sand with charcoal, some asphalt inclusions 005
- ⑪ Cut 107 alongside edge of rock shelf, containing fills and south wall of House 2 + 3

Legend
 1.23 - Reduced Level in metres
 13450 - Context Number
 □ - Soil Samples

Scale
 0 1m

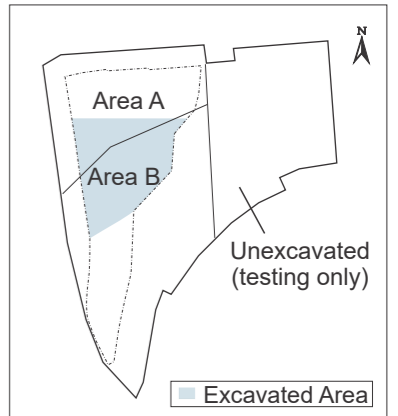
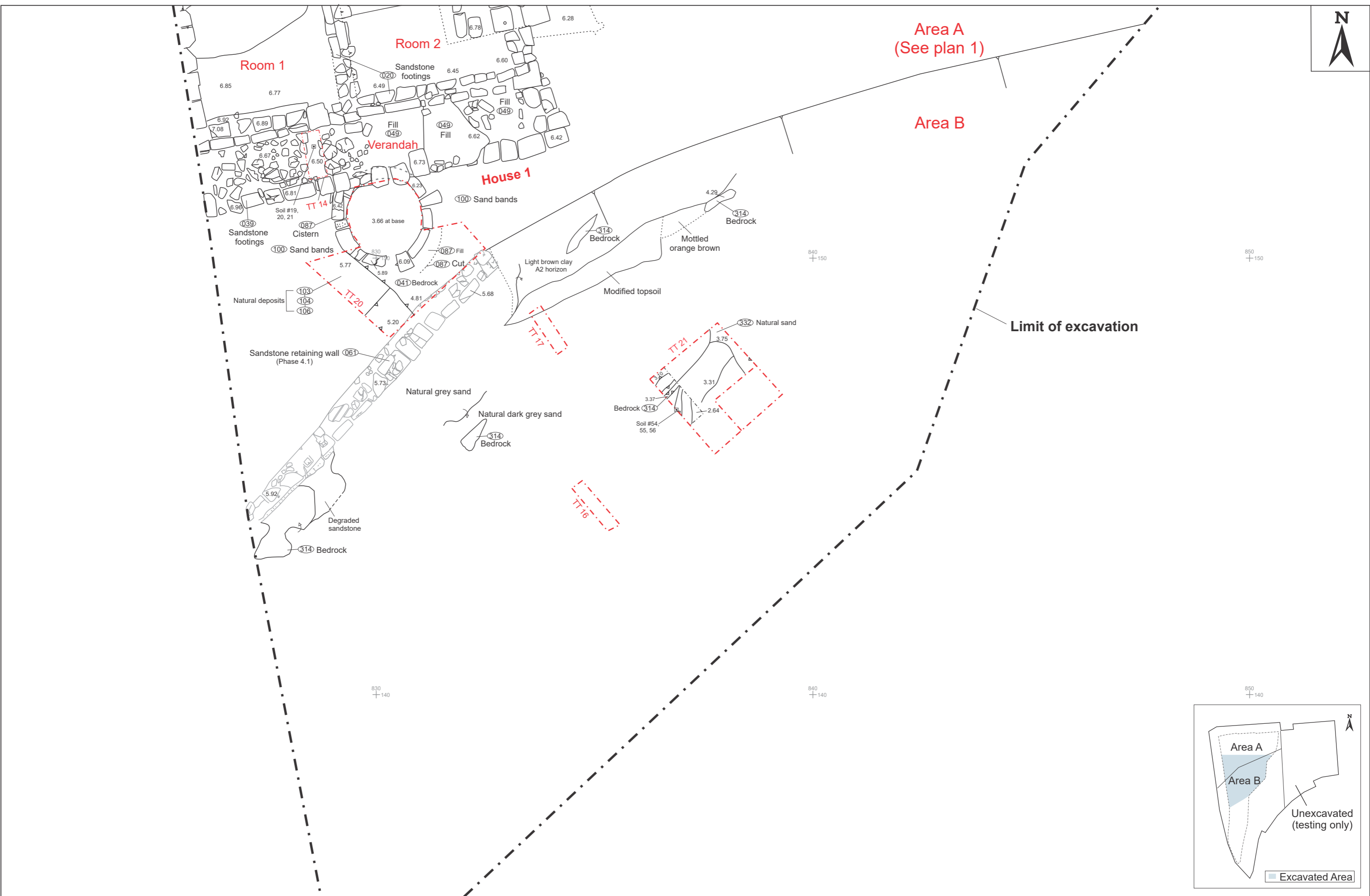
Blues Point: Section Drawing 1, Area A (see Plan 1 for location)

Blues Point: Section Drawing 4, Area A (see Plan 11 for location)

Plan No: 4
 Drawn By: MB/HW/CM
 Date: August 2020

Project: Temporary works site, Blues Point
 Client: Sydney Metro





Legend	1.23 - Reduced Level in metres	□ - Soil Samples
③10 - Context Number	M - Mortar	PH - Posthole
Scale	0 5m	

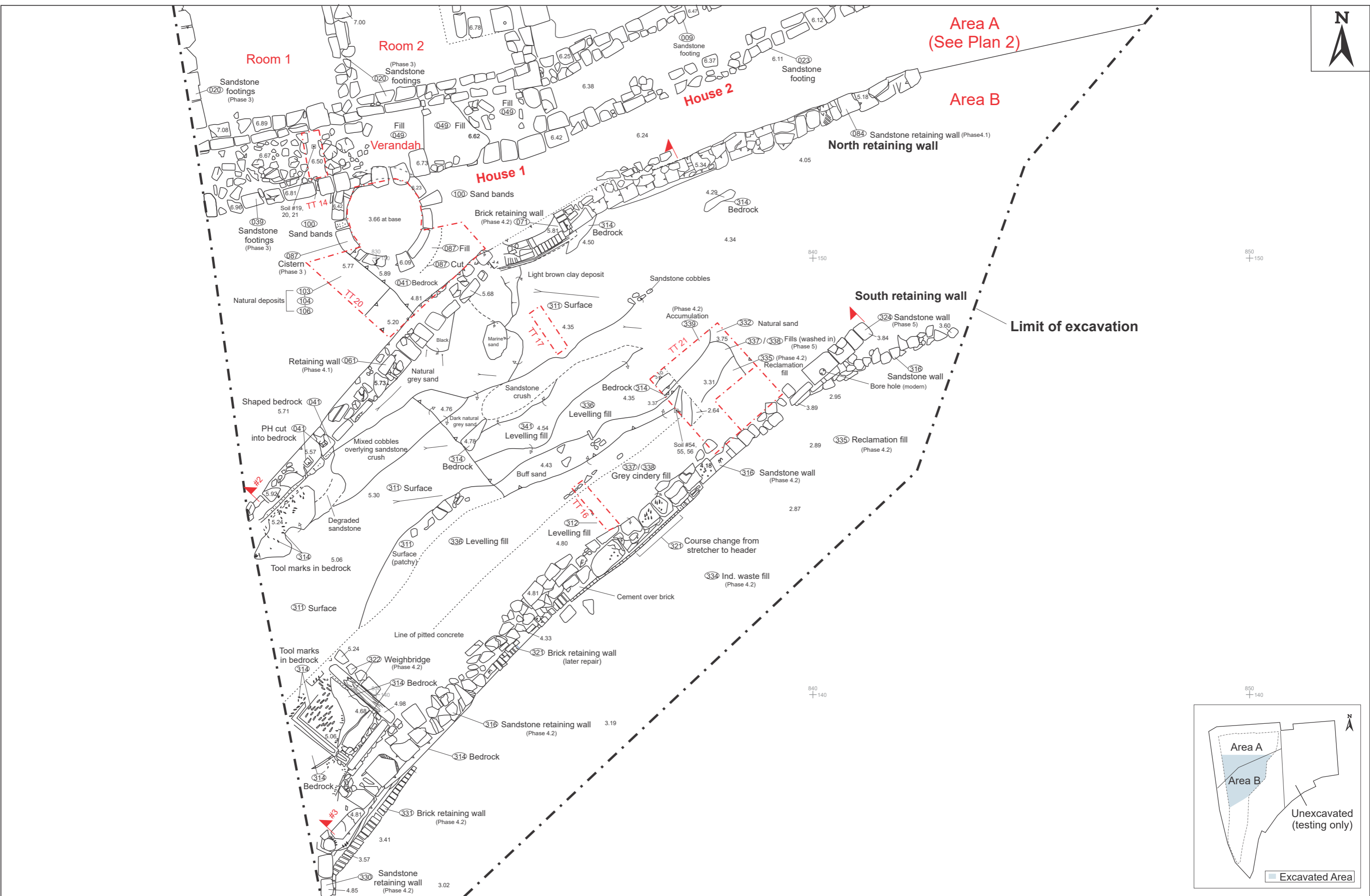
Blues Point: Area B Phase 3, 1817-1860s

Early European occupation, House 1 construction

Plan No: 5
 Drawn By: KMcd/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





Legend

1.23 - Reduced Level in metres □ - Soil Samples

③10 - Context Number M - Mortar PH - Posthole M - Section

Scale

0 5m

Area B: Phase 4, 1867 to 1890s Maritime Industries and Residential Occupation

Retaining walls, reclamation fills and access road to Steven's Jetty

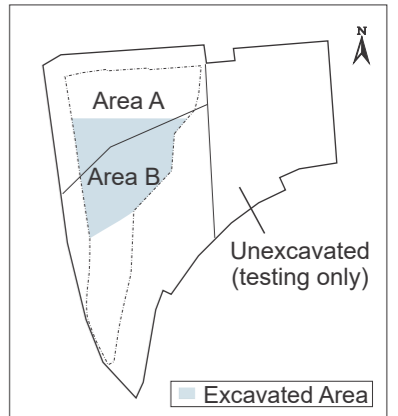
Plan No: 6

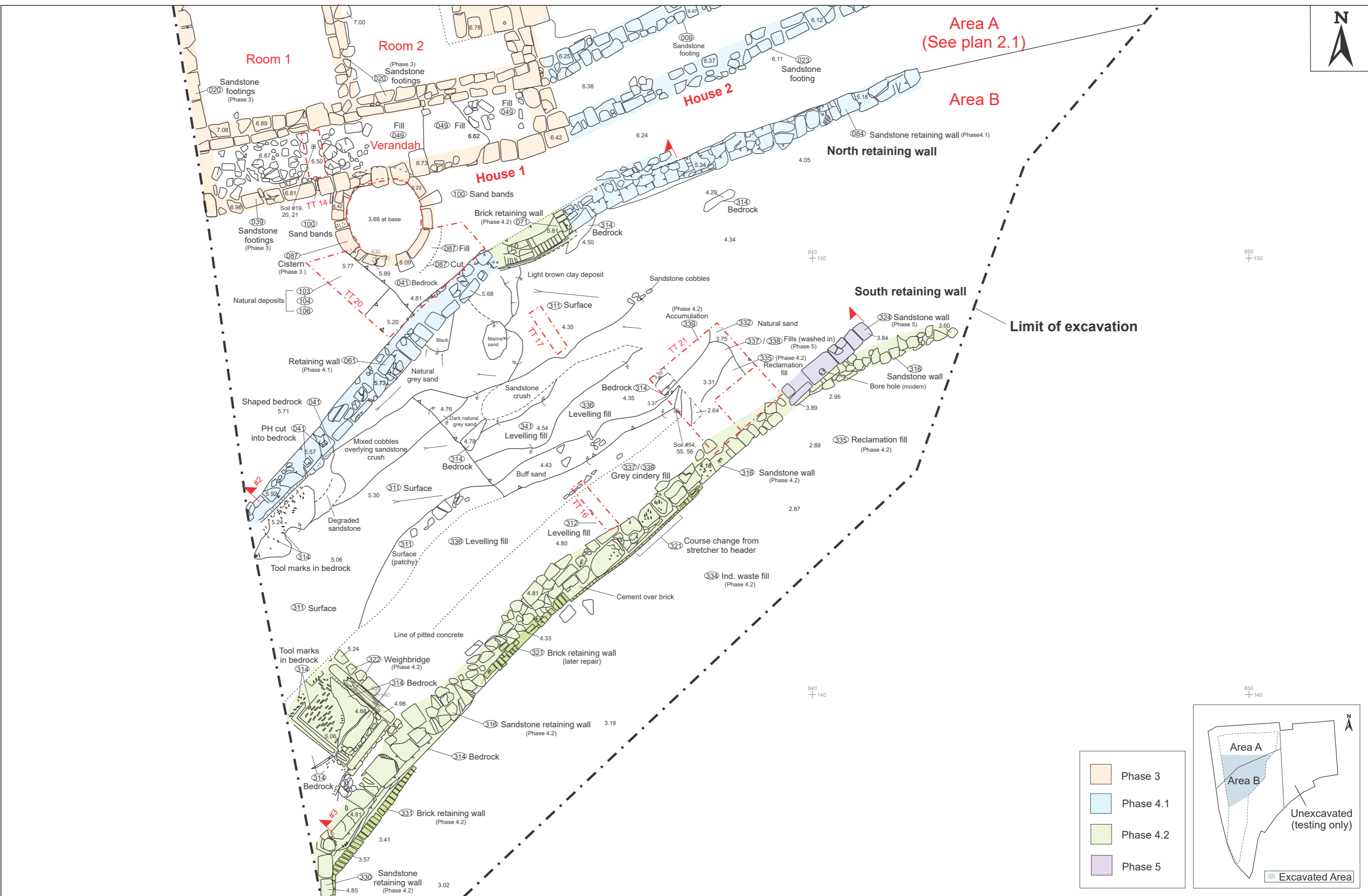
Drawn By: KMcd/CM

Date: August 2020

Project: Temporary works site, Blues Point

Client: Sydney Metro





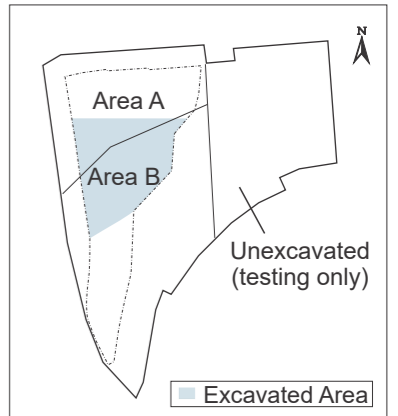
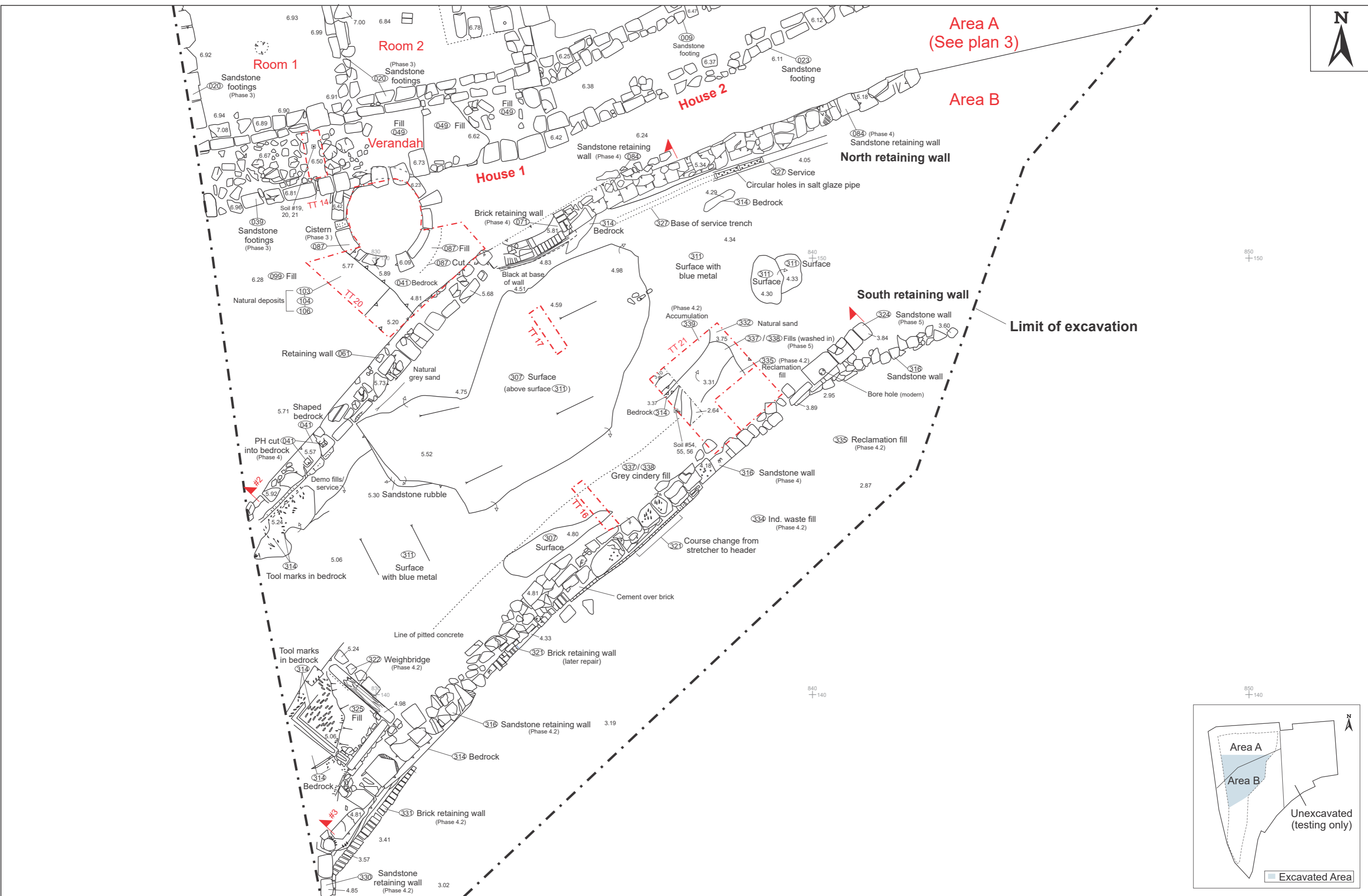
Legend 1.23 - Reduced Level in metres □ - Soil Samples
 (310) - Context Number M - Mortar PH - Posthole M - Section
Scale 0 5m

Area B: Phase 4, 1867 to 1890s Maritime Industries and Residential Occupation
 Retaining walls, reclamation fills and access road to Steven's Jetty

Plan No: 6.1
 Drawn By: KMcd/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





Legend
 1.23 - Reduced Level in metres
 □ - Soil Samples
 (310) - Context Number
 M - Mortar
 PH - Posthole
 M - Section

Scale
 0 ————— 5m

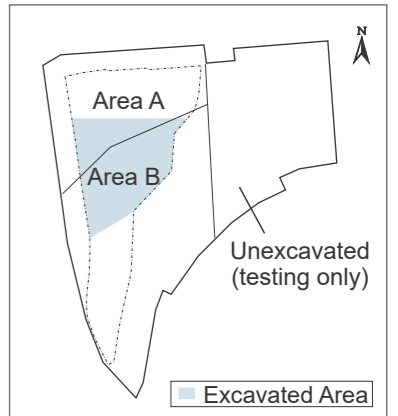
Blues Point Area B: Phases 5 & 6, Early 1900s-1960s

Later surfaces along access road to Steven's Jetty

Plan No: 7
 Drawn By: KMcd/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





 Phase 3
 Phase 4.1
 Phase 4.2
 Phase 5

Legend

1.23 - Reduced Level in metres - Soil Samples

310 - Context Number M - Mortar PH - Posthole M - Section

Scale

0 5m

Blues Point Area B: Phases 5 & 6, Early 1900s-1960s

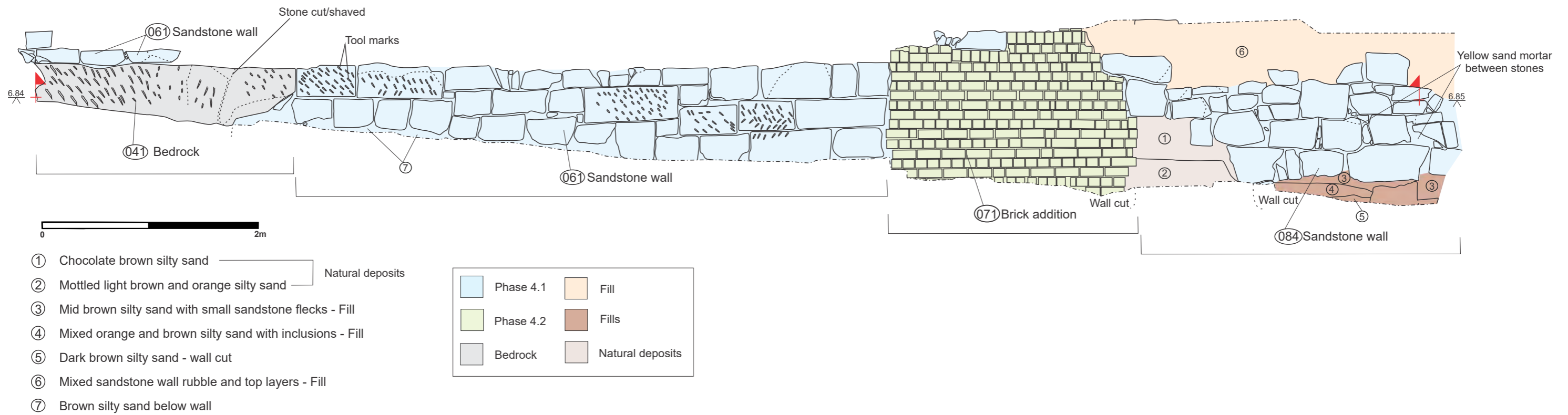
Later surfaces along access road to Steven's Jetty

Plan No: 7.1
 Drawn By: KMcd/CM
 Date: August 2020

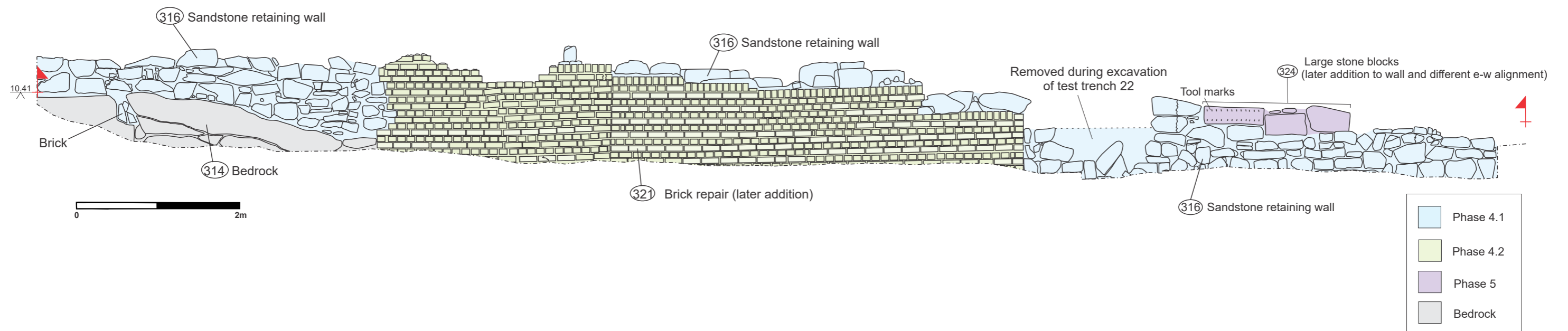
Project: Temporary works site,
 Blues Point
 Client: Sydney Metro



Section 2: Area B, South-facing section of North retaining wall, contexts 061, 071 and 084



Section 3: Area B, South-facing section of South retaining wall, contexts 316, 321 and 324



Legend 1.23 - Reduced Level in metres □ - Soil Samples
 ①3450 - Context Number

Blues Point: Section Drawing 2, Area B (see Plan 8 for location)

Blues Point: Section Drawing 3, Area B (see Plan 8 for location)

Plan No: 8

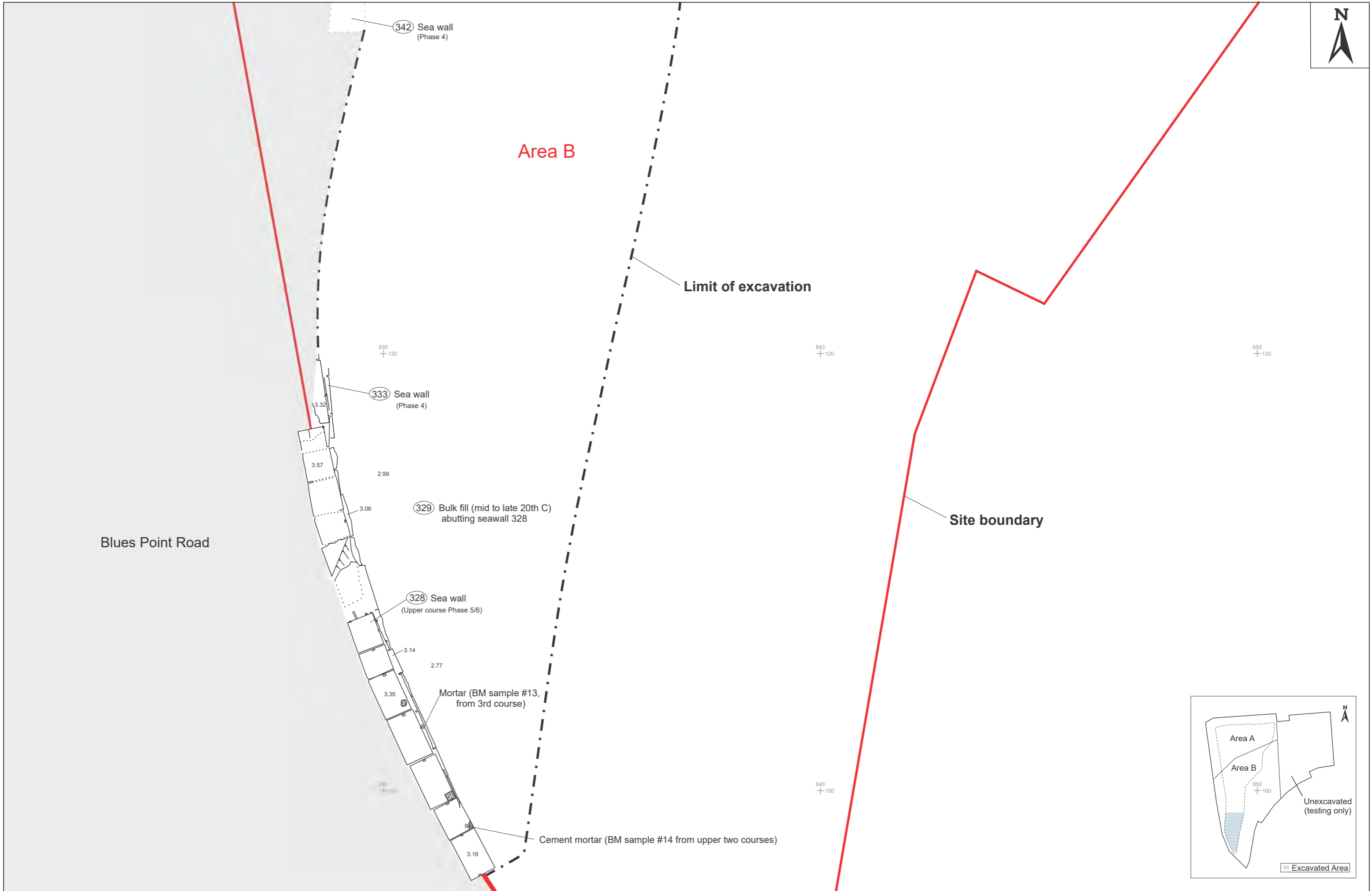
Drawn By: MB/GPM/CM

Date: August 2020

Project: Temporary works site,
 Blues Point

Client: Sydney Metro





Blues Point Road

Area B

Limit of excavation

Site boundary

342 Sea wall (Phase 4)

333 Sea wall (Phase 4)

329 Bulk fill (mid to late 20th C) abutting seawall 328

328 Sea wall (Upper course Phase 5/6)

Mortar (BM sample #13, from 3rd course)

Cement mortar (BM sample #14 from upper two courses)

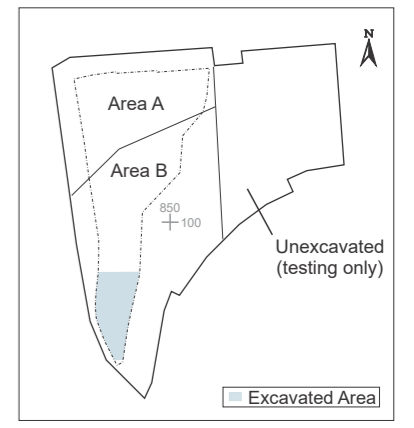
830 +120

840 +120

850 +120

830 +100

840 +100



Legend	1.23 - Reduced Level in metres	□ - Soil Samples
	310 - Context Number	
Scale		

Area B: southwest corner of site

Detail of seawalls below the eastern footpath along Blues Point Road

Plan No: 9

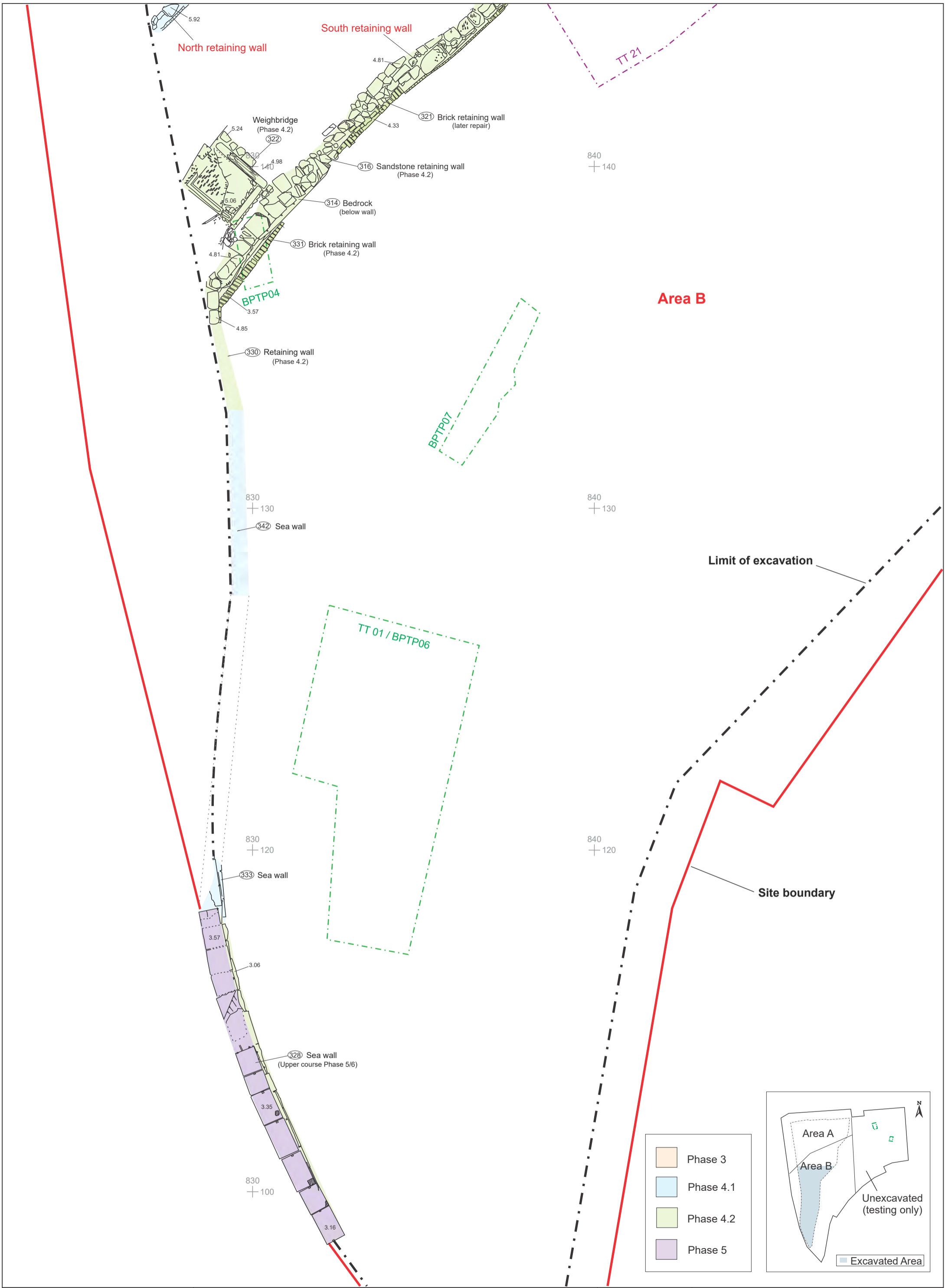
Drawn By: KMcD/CM

Date: August 2020

Project: Temporary works site, Blues Point

Client: Sydney Metro





Legend 1.23 - Reduced Level in metres
 ③①⑩ - Context Number **▲** - Section

Scale
 0 ————— 5m

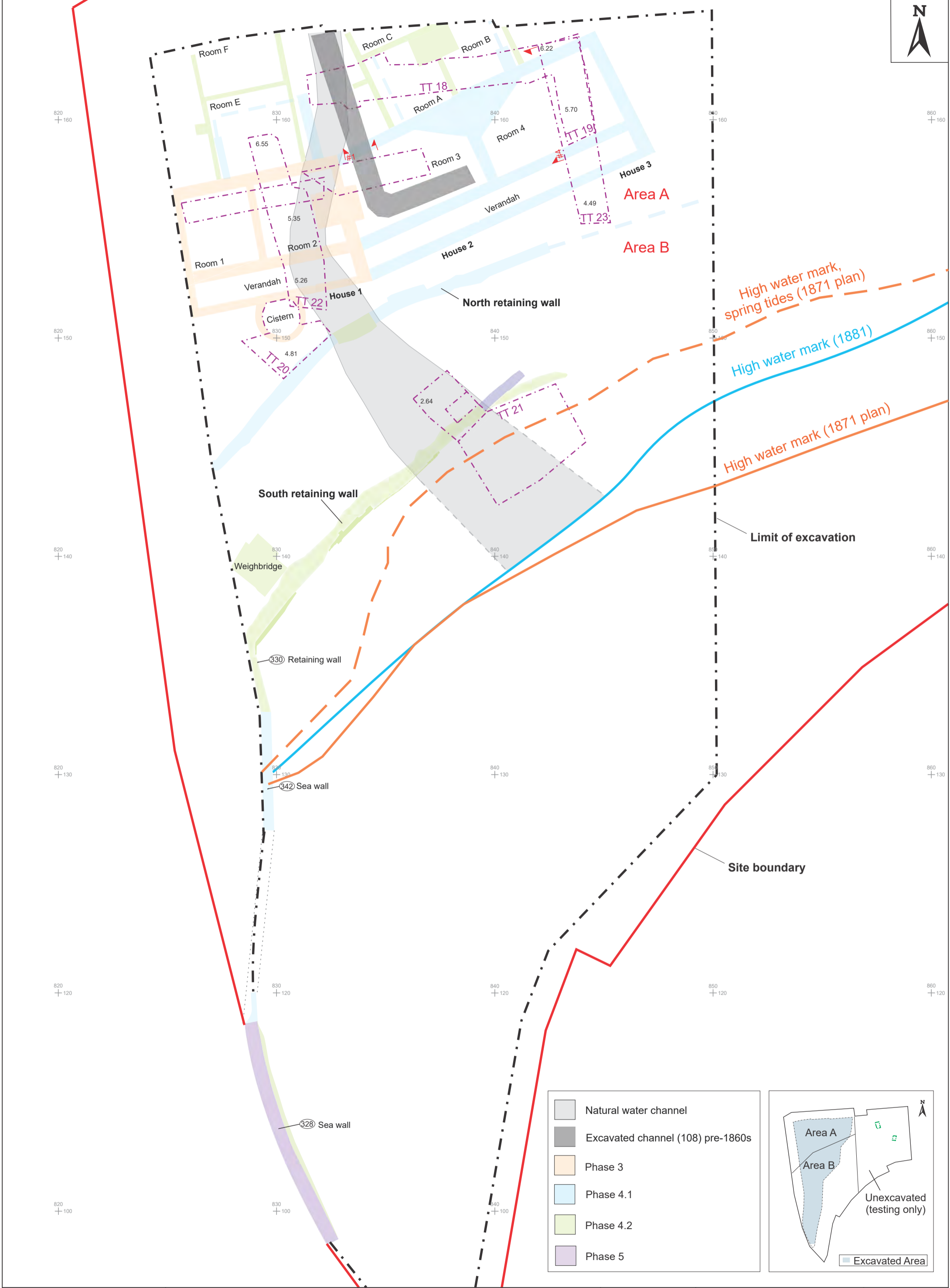
Blues Point: Area B

Sea walls and retaining walls in Area B

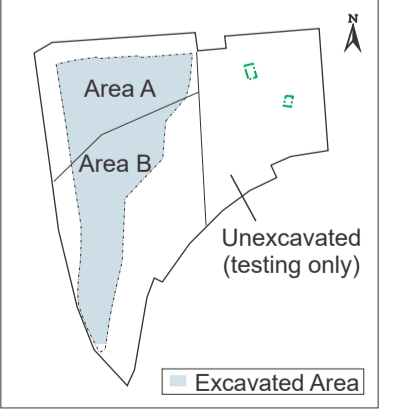
Plan No: 10
 Drawn By: KMcd/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





- Natural water channel
- Excavated channel (108) pre-1860s
- Phase 3
- Phase 4.1
- Phase 4.2
- Phase 5



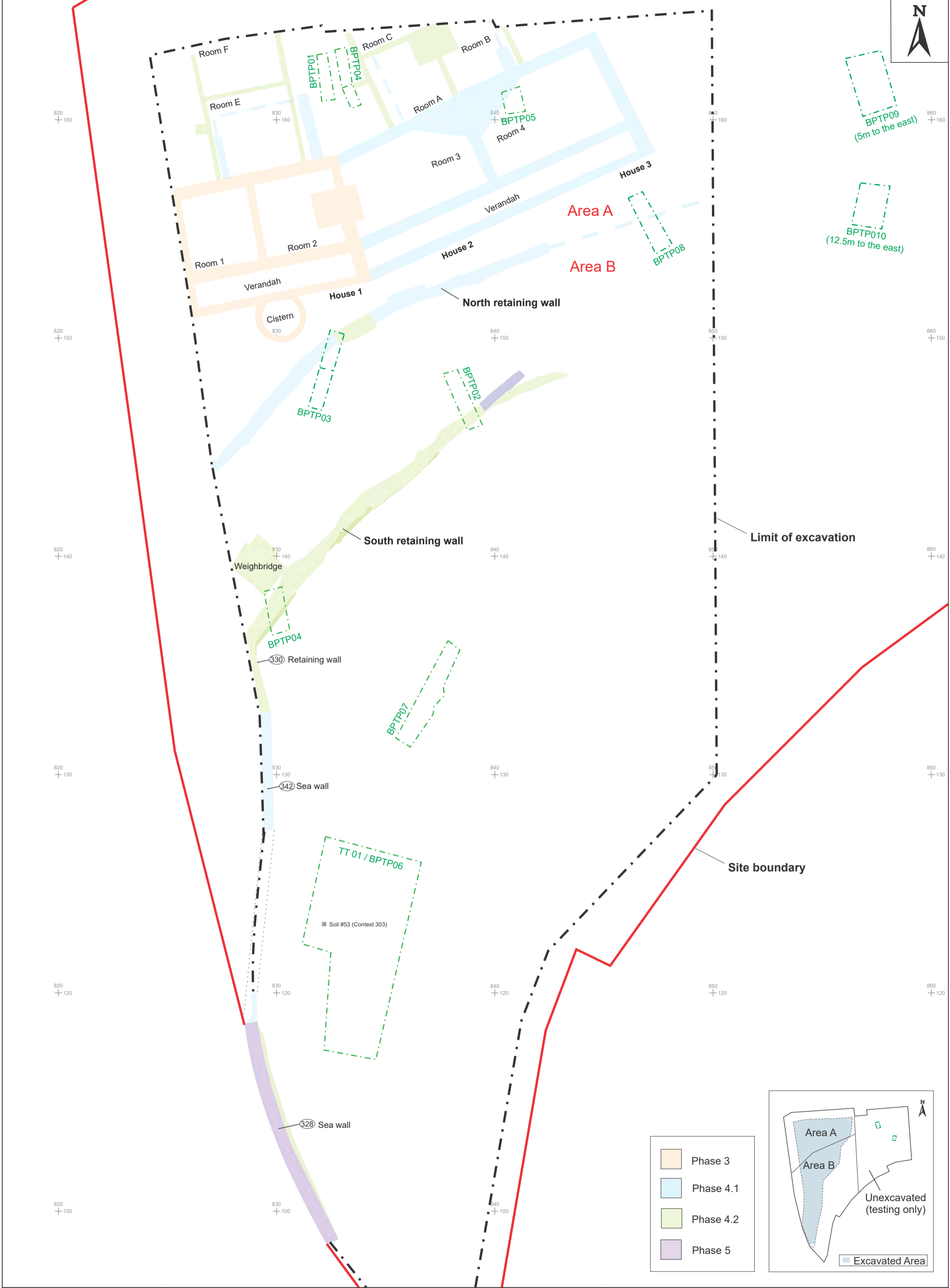
Legend 1.23 - Reduced Level in metres
 310 - Context Number #1 - Section
Scale
 0 5m

Blues Point: Area A and B
Schematic plan showing water channels through the study area

Plan No: 11
 Drawn By: KMcd/CM
 Date: August 2020

Project: Temporary works site, Blues Point
 Client: Sydney Metro





Legend 1.23 - Reduced Level in metres
 ③10 - Context Number

Blues Point: Area A and B

Plan No: 11.1
 Drawn By: KMcd/CM

Project: Temporary works site, Blues Point

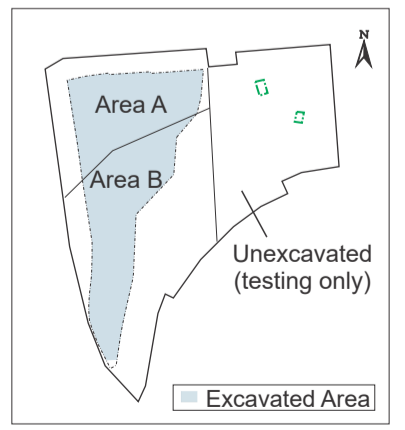
Scale
 0 5m

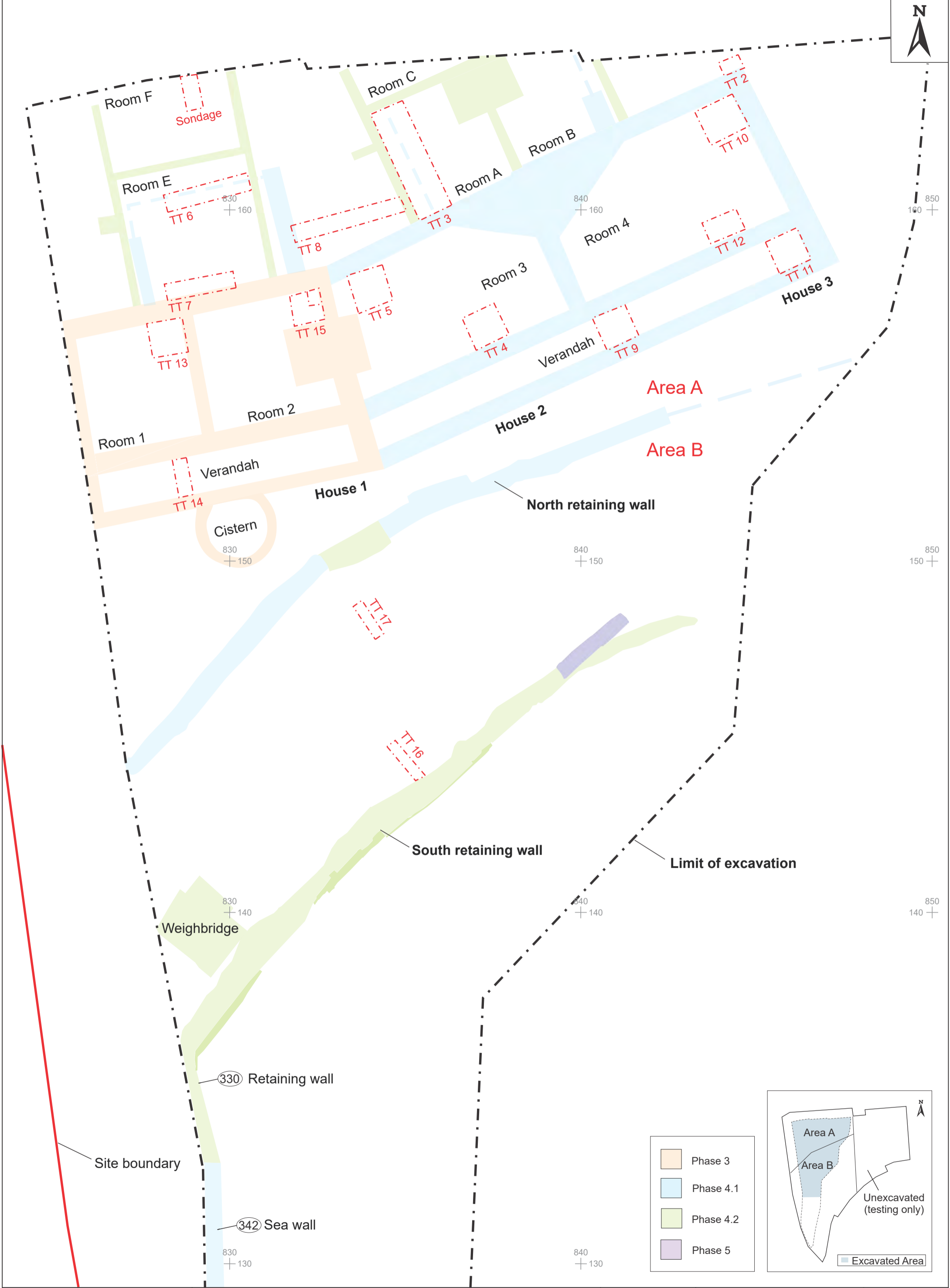
Schematic plan showing contamination Test Trenches (in green)

Date: August 2020

Client: Sydney Metro

- Phase 3
- Phase 4.1
- Phase 4.2
- Phase 5





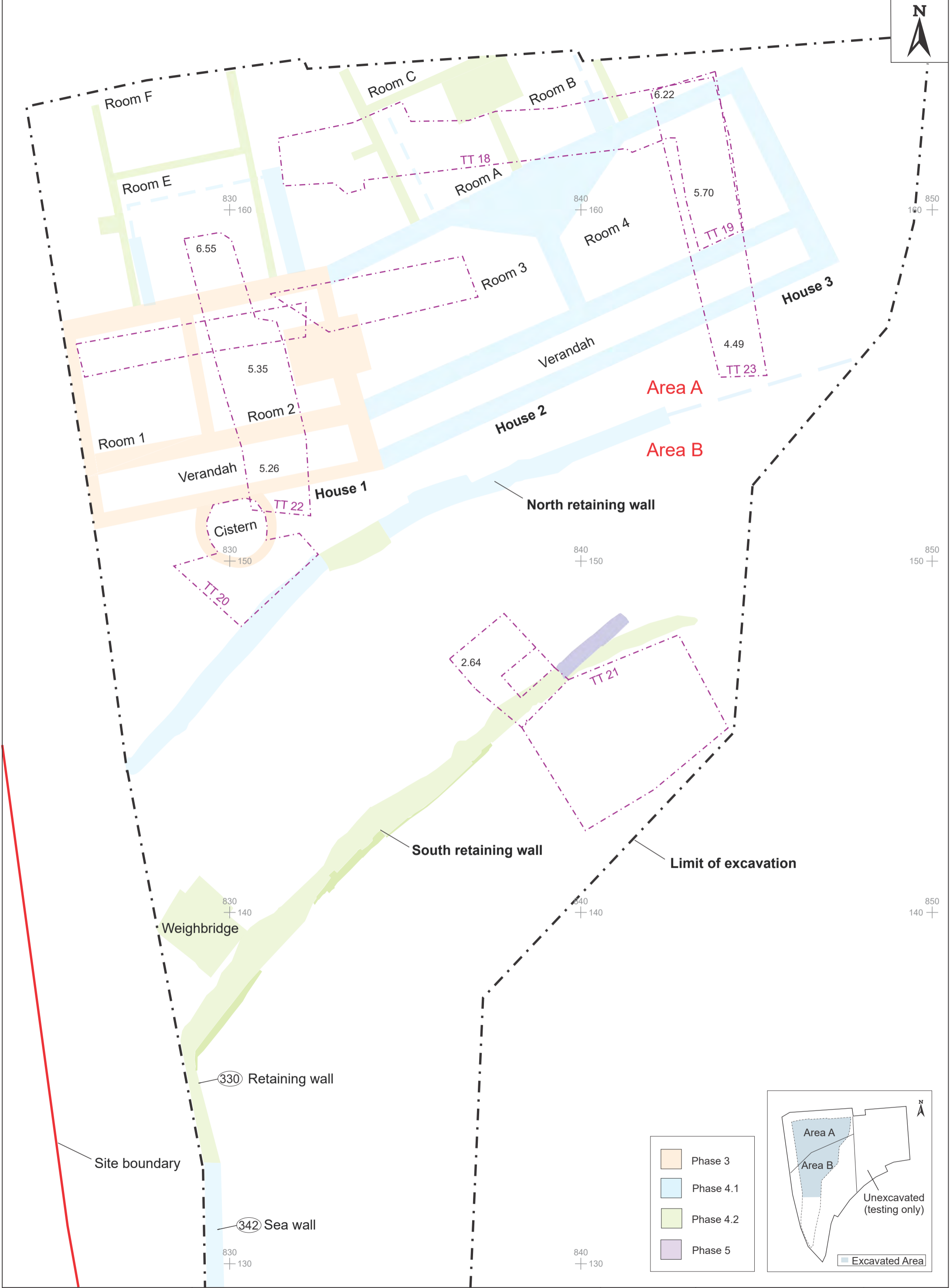
Legend 1.23 - Reduced Level in metres
 (310) - Context Number
Scale
 0 5m

Blues Point: Area A and B - Test Trenches (in red)
 Schematic plan showing C & L hand excavated trenches

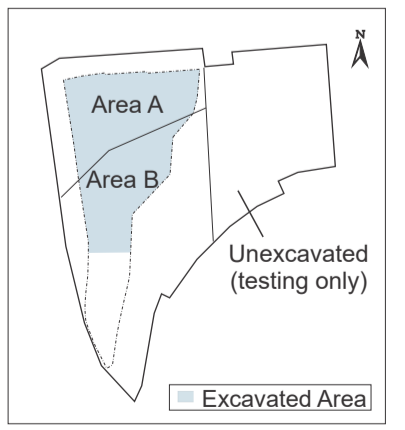
Plan No: 11.2
 Drawn By: KMCD/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





- Phase 3
- Phase 4.1
- Phase 4.2
- Phase 5



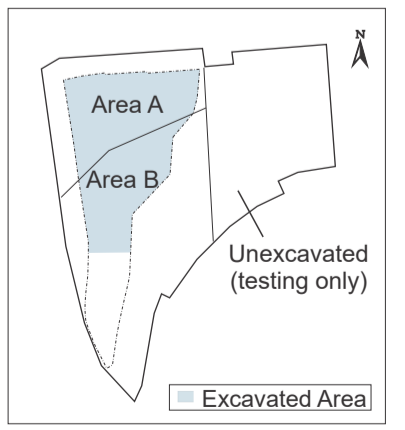
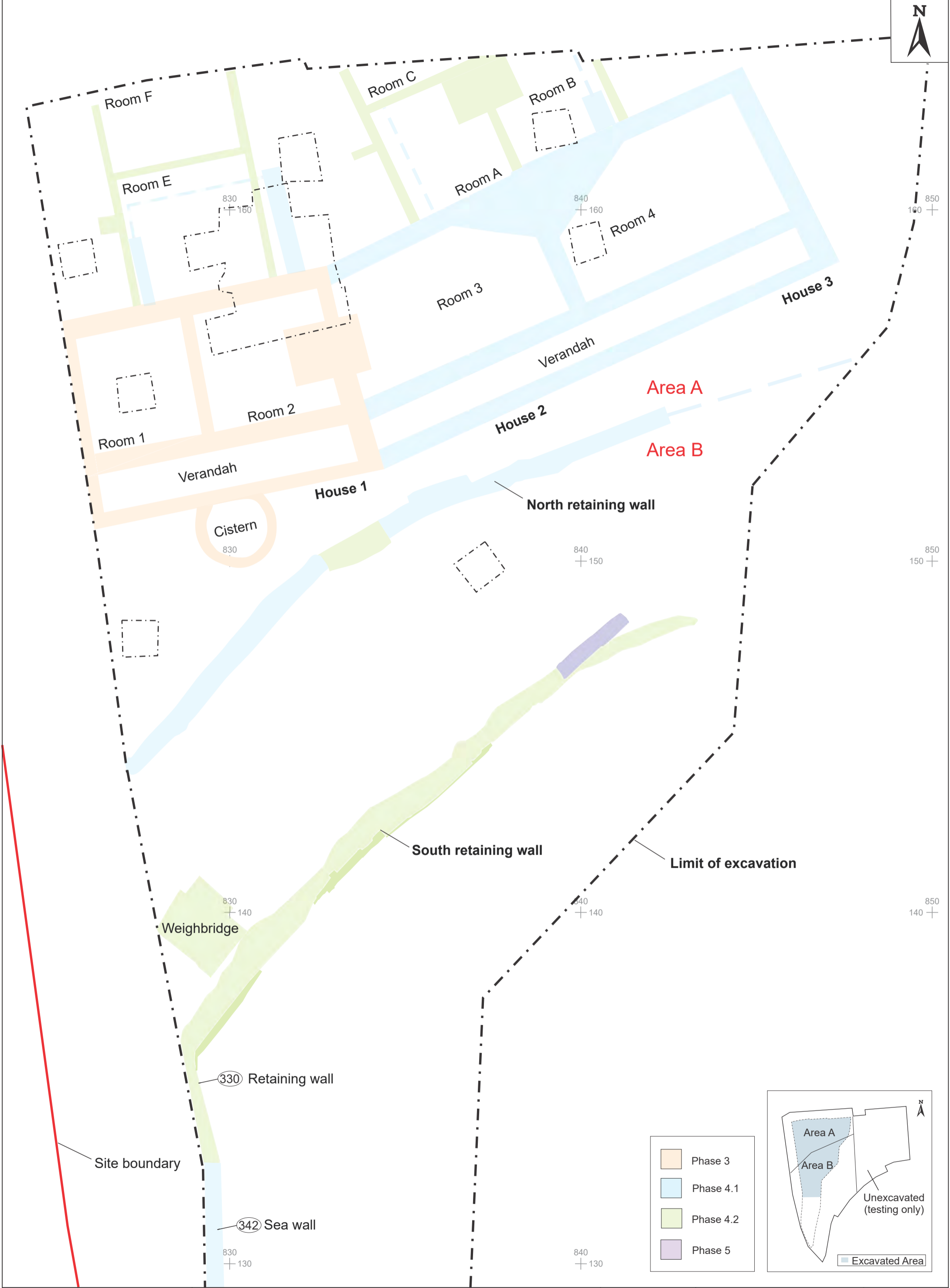
Legend 1.23 - Reduced Level in metres
 310 - Context Number
Scale
 0 5m

Blues Point: Area A and B
 Schematic plan showing machined Test Trenches (in purple)

Plan No: 11.3
 Drawn By: KMd/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro





	Phase 3
	Phase 4.1
	Phase 4.2
	Phase 5

Legend 1.23 - Reduced Level in metres
 310 - Context Number
Scale
 0 5m

Area A and B, location of pre-history trenches (in black)
 Schematic plan showing AMBS prehistory Test Trenches

Plan No: 11.4	Project: Temporary works site, Blues Point
Drawn By: KMCD/CM	
Date: August 2020	Client: Sydney Metro



333820.00

333840.00

333860.00

6253160.00

6253140.00

6253120.00

6253100.00

Area A

Area B

Unexcavated
(testing only)

 Excavated Area



Title: Location of Blues Point geodata

DATUM: MGA94 ZONE 56-AHD

Plan No: 12

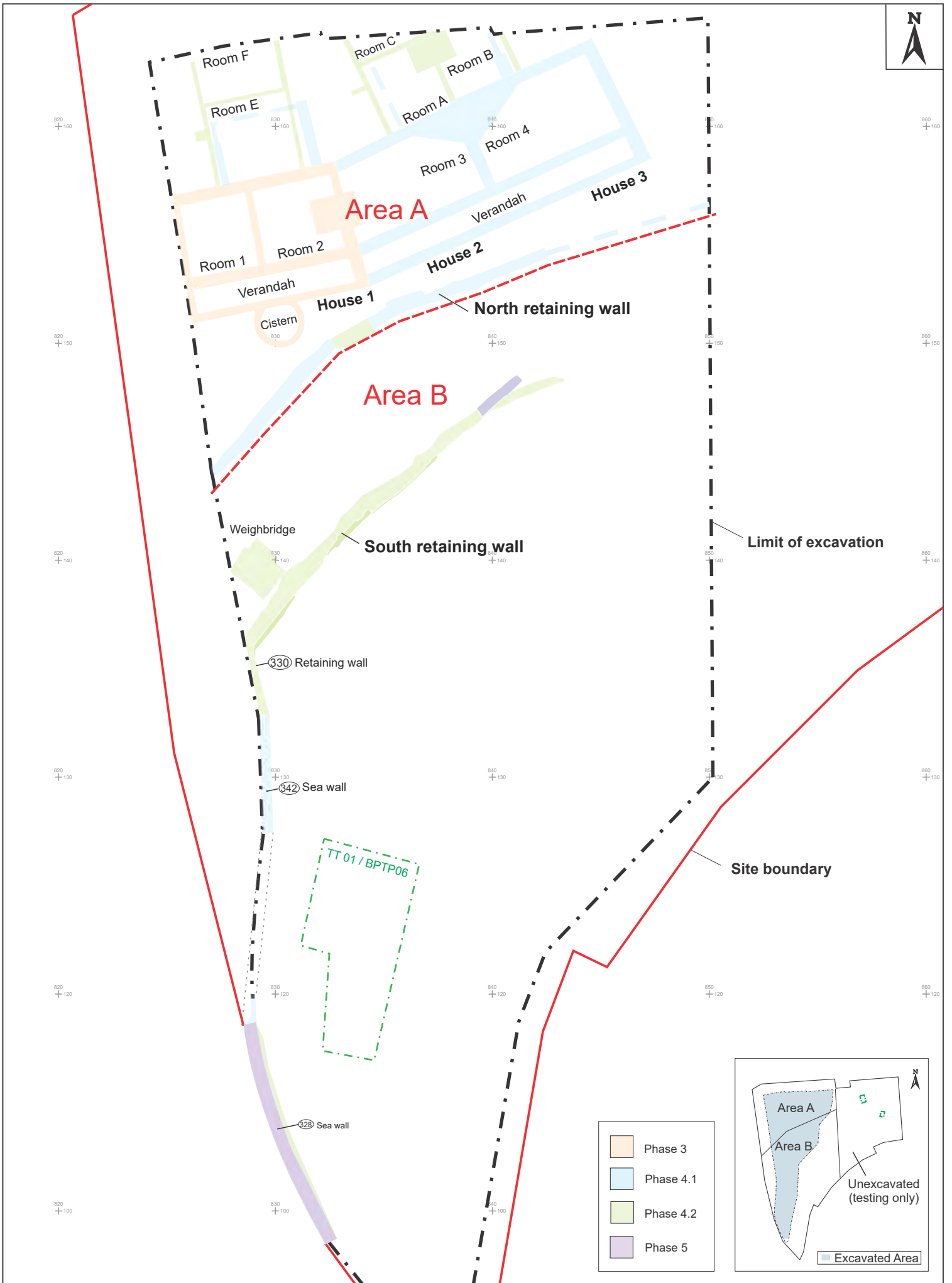
Drawn By:
CM

Date:
May 2021

Project: Temporary
works site, Blues Point

Client: Sydney Metro





820 +160
820 +150
820 +140
820 +130
820 +120
820 +100

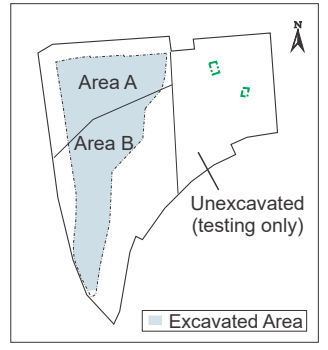
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850 +160
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850 +120
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860 +160
860 +150
860 +140
860 +130
860 +120
860 +100

- Phase 3
- Phase 4.1
- Phase 4.2
- Phase 5



Legend 1.23 - Reduced Level in metres
 310 - Context Number
Scale
 0 5m

Blues Point: Area A and B
 Schematic plan of study area

Plan No: 13
 Drawn By: KMCD/CM
 Date: August 2020

Project: Temporary works site,
 Blues Point
 Client: Sydney Metro



VOLUME 3 SECTION 9.3: HARRIS MATRIX OF ARCHAEOLOGICAL CONTEXTS

Harris Matrix, SM2, Blues Point TWS, 2018

AREA A

AREA B

