

Appendix C

Element/Building:

Element (I) /Site T.

Nature and quantum:

New build.

17 dwellings in the southern demi-bastion.

Existing Ground Level/ Ground Floor Level:

Ex GL 4.0-4.7m AOD majority of existing area > 4.3m AOD

No existing buildings.

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2119 _{AD} tidal	Majority of site lies above 0.5%AEP +CC flood level
Pathway	Overtopping of existing seawall at southern end of Searle Drive
Mitigation	Construct enhanced flood wall to south of Searle Drive to 0.5%AEP + CC + freeboard to block pathway.
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Searle Drive is modern.
Surface water	NA Site falls west to east. Surface water tide lock tank required to provide sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period.

Flood Risk Strategies employed and Residual Risk:Direct Risk

- Tidal food defence to 0.5%AEP + CC + freeboard.
- Tide lock runoff tank.

Residual Risk

- Combined breach and overtopping flood level (refer to Herrington Consulting Ltd report) at location B (Searle Drive east of site T) would flood to 4.07m AOD for breach of defence at end of Searle Drive:
 - Proposed FFLs (4.30 - 4.75 m AOD) are above residual risk flood level
 - Flood Warning and Evacuation Plan
 - Upper floors have capability for safe refuge (tidal flood peak levels would be of short duration)

Key drawings (attached) of proposed arrangement:

JPA drawing	1720-200-D	plans
JPA drawing	1720-400-C	elevations sheet 1



PROPOSED GROUND FLOOR PLANS - SITE T

SCALE 1:100
NOTE: REFER TO ASPIRE ARCHITECTS LTD DRAWINGS
FOR DETAIL ON LANDSCAPE PROPOSALS AND LEVELS



A	09.01.2018	TW	SITE BOUNDARY AMENDED	D	30.04.2019	TW	PLOT 1-6 FFL AMENDED
B	06.04.2018	TW	SITE T AMENDED				
C	25.05.2018	TW	PARKING SPACES AMENDED				

rev	date	initials	description	rev	date	initials	description
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STATUS: PLANNING
SCALE: 1:100@ A1

DATE: OCTOBER 2017

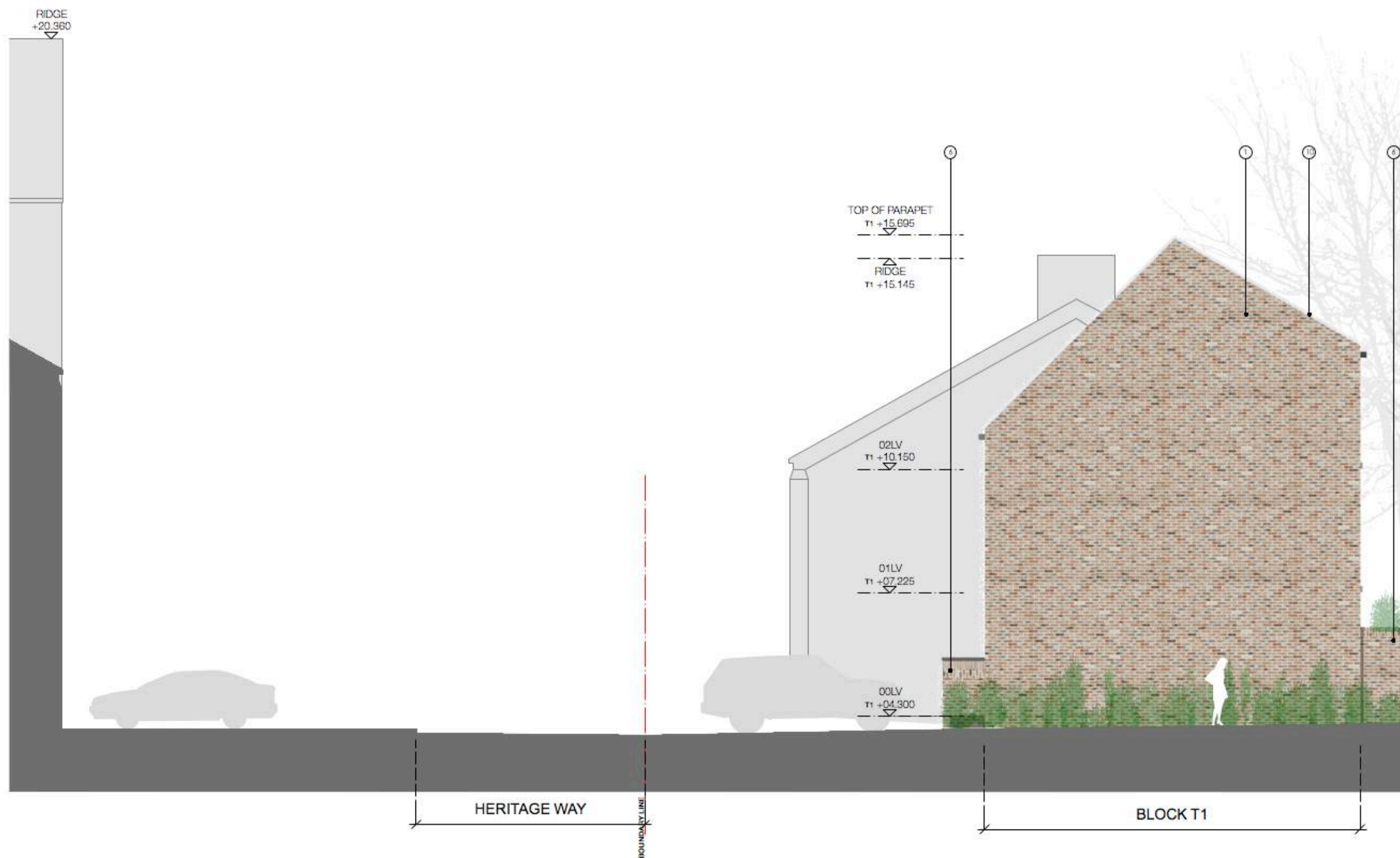
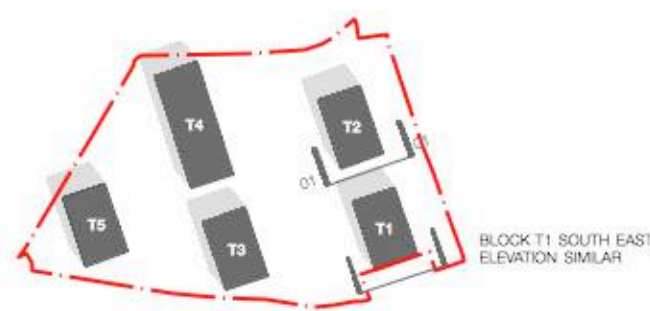
DRAWING NO: 1720_200_D
TITLE: PROPOSED GROUND FLOOR PLANS - SITE T

PROJECT: PRIDDY'S HARD MASTERPLAN



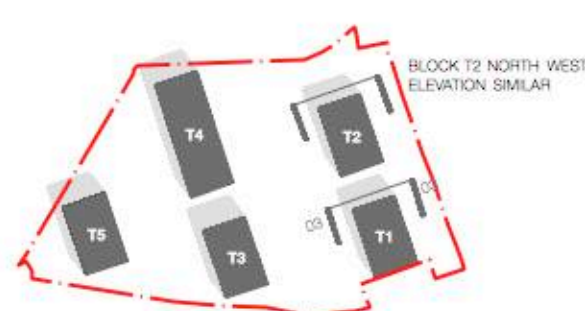
01 PROPOSED SOUTH EAST ELEVATION - BLOCK T2

SCALE 1:100



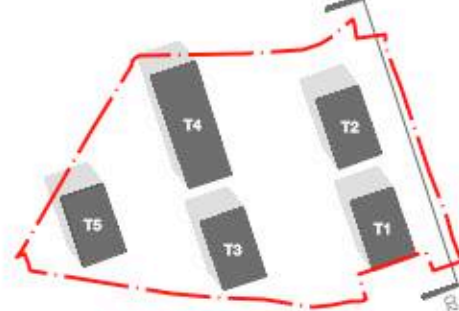
03 PROPOSED NORTH WEST ELEVATION - BLOCK T1

SCALE 1:100



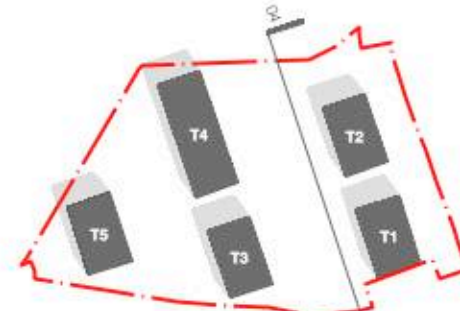
02 PROPOSED NORTHEAST ELEVATION (HERITAGE WAY) - BLOCKS T1&T2

SCALE 1:100



04 PROPOSED SOUTH WEST ELEVATION - BLOCK T1&T2

SCALE 1:100



MATERIAL LEGEND - SITE T

- 01** BRICK: ROUGH SURFACE / TUMBLED BRICK - STRETCHER BOND, NATURAL MORTAR - COLOUR RED MULTI
- 02** ROOFING: PLAIN TILES - TRADITIONAL BOND WITH RIDGE/VERGE TILES TO MATCH - COLOUR GREY (FIBRE CEMENT SLATES OR SIMILAR ALTERNATIVE)
- 03** TIMBER INFIL PANEL: NATURAL FINISH / OILED OR STAINED
- 04** ENTRANCE DOORS: SOLID CORE - OUTER FINISH TIMBER BOARDING, NATURAL FINISH / OILED OR STAINED, TO BS PAS 24-2012 OR ACCEPTABLE ENHANCED SECURITY STANDARD
- 05** PRECAST CONCRETE CILL: RECONSTITUTED STONE, ACID ETCHED - COLOUR WHITE STONE

- 06** GARDEN WALLS: BRICK WALLS TO MATCH BUILDING - ROUGH SURFACE / TUMBLED BRICK - STRETCHER BOND, NATURAL MORTAR - COLOUR RED MULTI WITH SOLDIER COURSE CAPPING
- 07** TIMBER FENCE
- 08** WINDOWS: OUTER FINISH BROWN/GREY, ALL GROUND FLOOR WINDOWS TO BE PAS 24-2012 WITH P1A RATED LAMINATE GLASS.
- 09** ROOF LIGHT: OUTER FINISH BROWN/GREY TO MATCH ROOFING/GLADDING.
- 10** PRECAST PARAPET CAPPING: RECONSTITUTED STONE, ACID ETCHED - COLOUR WHITE STONE

- 11** RAINWATER GOODS: DARK GREY
- 12** BRICK REBATE
- 13** GLAZED DOORS: OUTER FINISH BROWN/GREY, ALL GROUND FLOOR WINDOWS TO BE PAS 24-2012 WITH P1A RATED LAMINATE GLASS.
- 14** BIN/BIKE STORE: VERTICAL TIMBER BOARDING, WITH TIMBER SLAT VENTILATED DOORS, NATURAL FINISH / OILED OR STAINED, WITH DARK GREY FAIRFACED BLOCKWORK PLINTH

NOTE: REFER TO ASPIRE ARCHITECTS LTD DRAWINGS FOR DETAIL ON LANDSCAPE PROPOSALS AND LEVELS

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0 5 10 15 20 25 M

A 09.01.2018 TW SITE BOUNDARY AMENDED
B 06.04.2018 TW SITE T AMENDED
C 30.04.2019 TW PLOT 1-6 FFL AMENDED

rev date initials description

STATUS: PLANNING
SCALE: 1:100 @ A1

DATE: OCTOBER 2017

DRAWING NO: 1720_400_C
TITLE: PROPOSED ELEVATIONS (SHEET 1) - SITE 'T'

PROJECT: PRIDDY'S HARD MASTERPLAN

jpa
144 03 1090 020465
www.jparchitects.com

Element/Building:

Element (II) /Site J.

Nature and quantum:

New build.

4 dwellings on site of former cookhouse.

Existing Ground Level/ Ground Floor Level:

Ex GL around the plot varies a Searle Drive climbs around the eastern and southern edges, there is a massive earthwork bastion to the west and a relatively new residential block with elevated ground floor immediately to the north.

No existing buildings. (cookhouse demolished)

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2119 _{AD} tidal	Site lies within 0.5%AEP +CC flood level if undefended
Pathway	Overtopping of existing seawall at southern end of Searle Drive
Mitigation	Construct enhanced flood wall to south of Searle Drive to 0.5%AEP + CC + freeboard to block pathway.
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Searle Drive is modern.
Surface water	NA Site falls down to Searle Drive. Surface water tide lock tank required to provide sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period. Due to limited spatial footprint at site J the volumetric provision may need to be made in new build site T.

Flood Risk Strategies employed and Residual Risk:Direct Risk

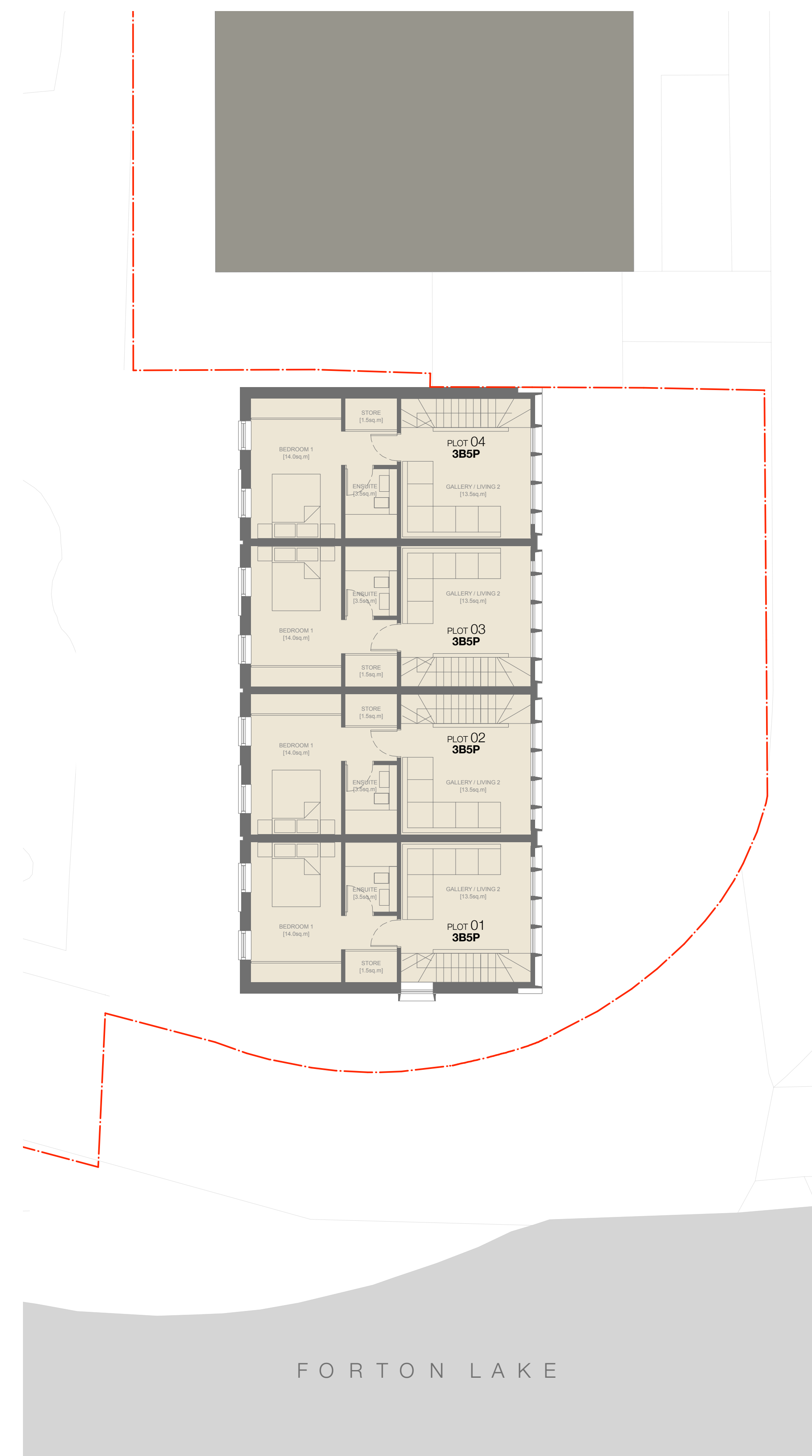
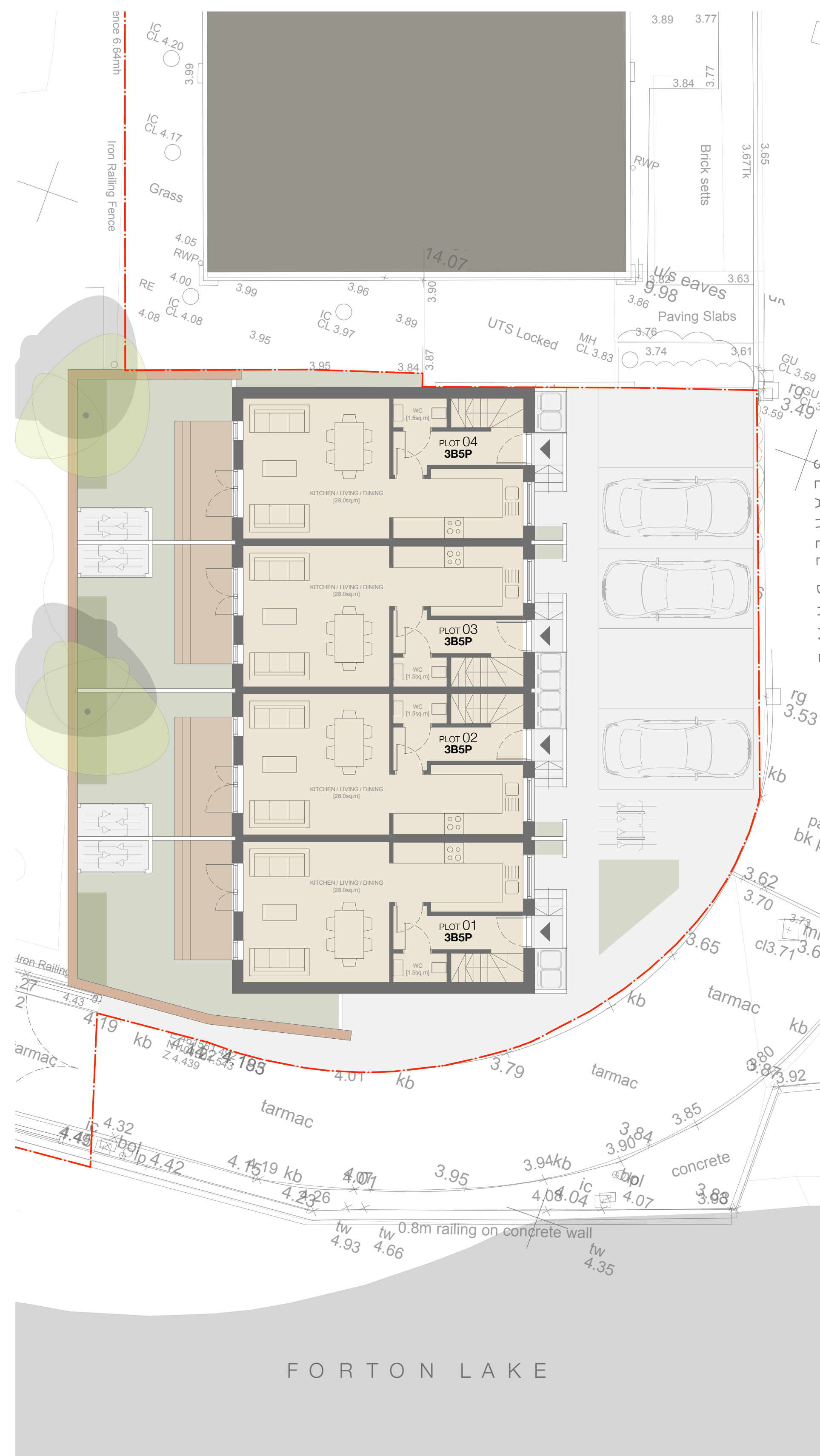
- Tidal food defence to 0.5%AEP + CC + freeboard.
- Tide lock runoff tank.

Residual Risk

- Combined breach and overtopping flood level (refer to Herrington Consulting Ltd report) at location C (Searle Drive) would flood to 4.27m AOD for breach of defence at end of Searle Drive:
 - Proposed FFLs (4.54m AOD) is above residual risk flood level
 - Flood Warning and Evacuation Plan
 - Upper floors have capability for safe refuge (tidal flood peak levels would be of short duration)

Key drawings (attached) of proposed arrangement:

JPA drawing	1720-211-C	plans
JPA drawing	1720-411-A	elevations



NOTE: REFER TO ASPIRE ARCHITECTS LTD DRAWINGS
FOR DETAIL ON LANDSCAPE PROPOSALS AND LEVELS

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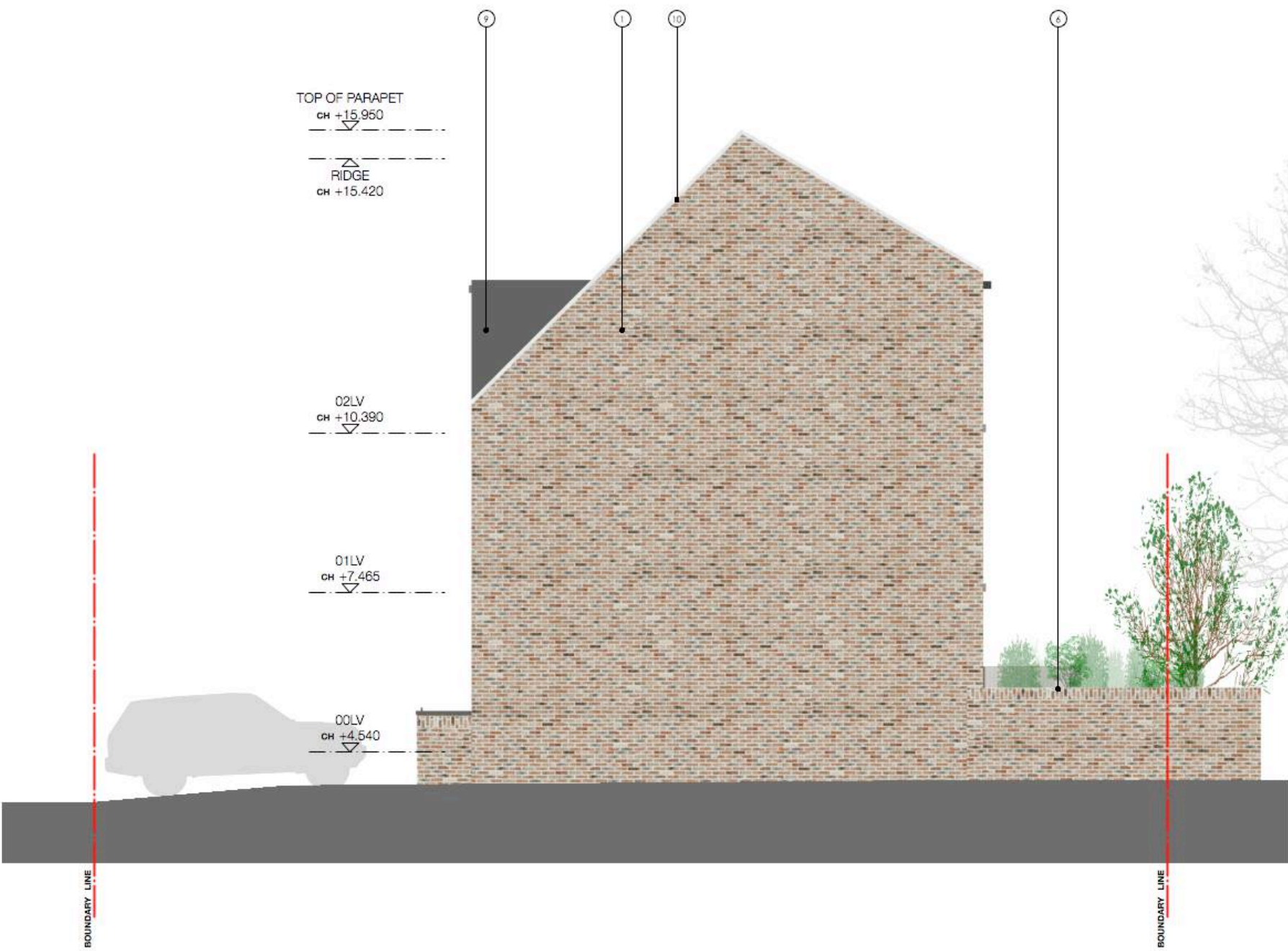


A	11.05.2018	TW	PLOT 1 WC WINDOW REMOVED
B	25.05.2018	TW	PARKING AMENDED
C	15.11.2018	TW	FLOOR LEVELS AMENDED

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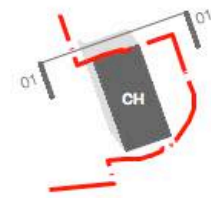
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SCALE:	1:100 @ A1
DATE:	OCTOBER 2017

DRAWING NO:	1720_211_C
TITLE:	PROPOSED PLANS - COOK HOUSE SITE
PROJECT:	PRIDDY'S HARD MASTERPLAN



01 PROPOSED NORTH WEST ELEVATION - COOK HOUSE SITE

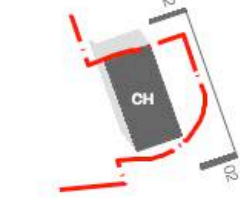
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02 PROPOSED NORTH EAST ELEVATION - COOK HOUSE SITE

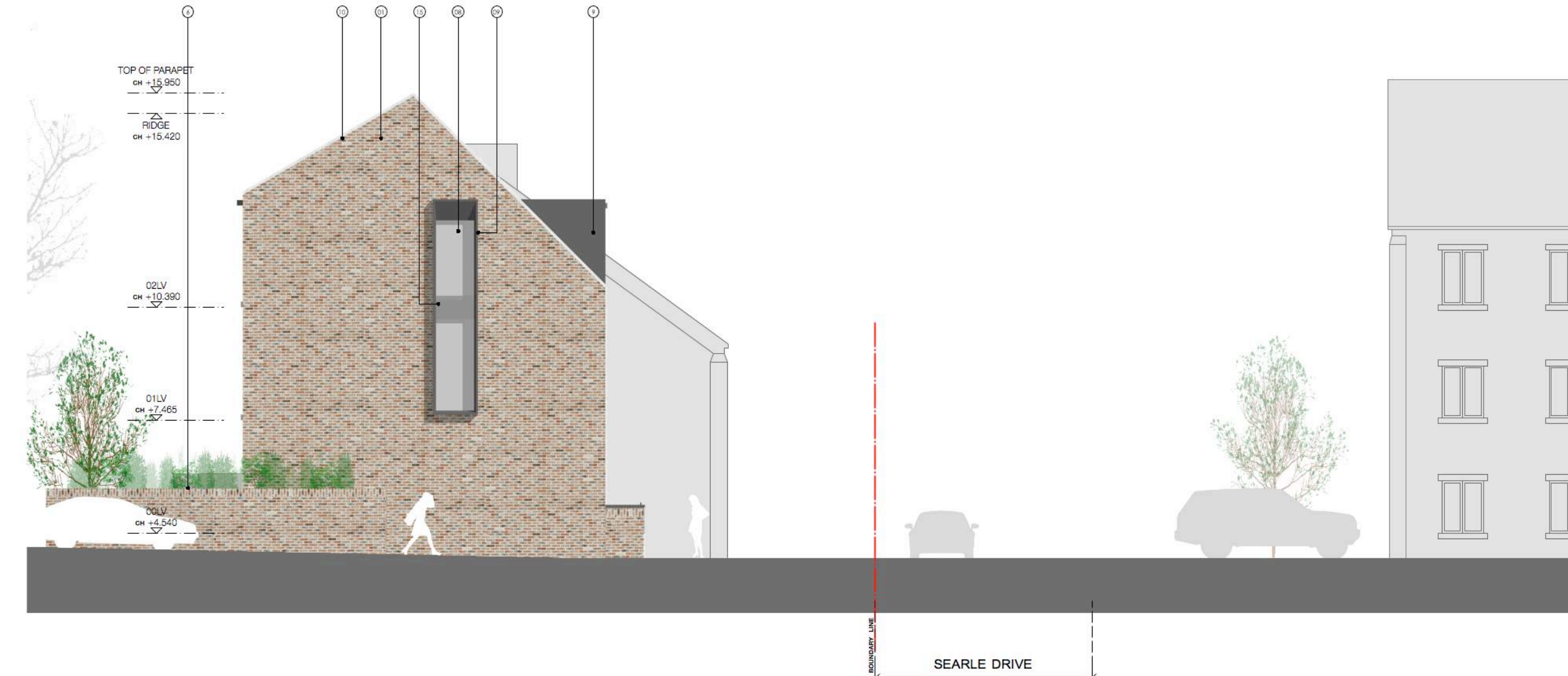
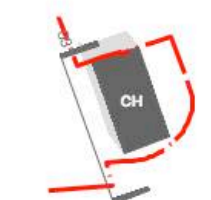
SCALE 1:100

NOTE: BIKE STORE OMITTED FROM ELEVATION FOR CLARITY



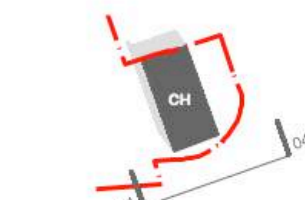
03 PROPOSED SOUTH WEST ELEVATION - COOK HOUSE SITE

SCALE 1:100



04 PROPOSED SOUTH EAST ELEVATION - COOK HOUSE SITE

SCALE 1:100



MATERIAL LEGEND - COOK HOUSE SITE

- 01** BRICK: ROUGH SURFACE / TUMBLED BRICK - STRETCHER BOND, NATURAL MORTAR - COLOUR RED MULTI
- 02** ROOFING: PLAIN TILES - TRADITIONAL BOND WITH RIDGE/VERGE TILES TO MATCH - COLOUR GREY (FIBRE CEMENT SLATES OR SIMILAR ALTERNATIVE)
- 03** TIMBER INFIL PANEL: NATURAL FINISH / OILED OR STAINED
- 04** ENTRANCE DOORS: SOLID CORE - OUTER FINISH TIMBER BOARDING, NATURAL FINISH / OILED OR STAINED, TO BS PAS 24-2012 OR ACCEPTABLE ENHANCED SECURITY STANDARD
- 05** PRECAST CONCRETE CILL: RECONSITUTED STONE, ACID ETCHED - COLOUR WHITE STONE

- 06** GARDEN WALLS: BRICK WALLS TO MATCH BUILDING - ROUGH SURFACE / TUMBLED BRICK - STRETCHER BOND, NATURAL MORTAR - COLOUR RED MULTI WITH SOLIDER COURSE CAPPING
- 07** TIMBER FENCE
- 08** WINDOWS: OUTER FINISH BROWN/GREY. ALL GROUND FLOOR WINDOWS TO BE PAS 24-2012 WITH P1A RATED LAMINATE GLASS.
- 09** CLADDING: ANODISED METAL OR ANTHRA-ZINC. FINISH SATIN DARK SLATE GREY/BROWN
- 10** PRECAST PARAPET CAPPING: RECONSITUTED STONE, ACID ETCHED - COLOUR WHITE STONE

- 11** RAINWATER GOODS: DARK GREY. WITHIN BRICK REBATE
- 12** COPING: ANODISED ALUMINIUM PROFILES. COLOUR TO MATCH CLADDING
- 13** GLAZED DOORS: OUTER FINISH BROWN/GREY. ALL GROUND FLOOR WINDOWS TO BE PAS 24-2012 WITH P1A RATED LAMINATE GLASS.
- 14** BIN/BIKE STORE: VERTICAL TIMBER BOARDING, WITH TIMBER SLAT VENTILATED DOORS. NATURAL FINISH / OILED OR STAINED. WITH DARK GREY FAIRFACED BLOCKWORK PLINTH
- 15** SPANDREL PANEL: FLUSH SHADOWBOX PANEL

NOTE: REFER TO ASPIRE ARCHITECTS LTD DRAWINGS FOR DETAIL ON LANDSCAPE PROPOSALS AND LEVELS

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0 5 10 15 20 25 M

A 15.11.2018 TW FLOOR LEVELS AMENDED

rev date initials description

STATUS: PLANNING

SCALE: 1:100 @ A1

DATE: OCTOBER 2017

DRAWING NO: 1720_411_A

TITLE: NEW BUILD - PROPOSED ELEVATIONS - COOK HOUSE SITE

PROJECT: PRIDDY'S HARD MASTERPLAN - COOK HOUSE

jpa
11-11-18 11:30 020485
www.jprhardyarchitects.com

Element/Building:

Element (III)

Nature and quantum:

New build.

1 dwelling on site of former quick fire shelling room.

Existing Ground Level/ Ground Floor Level:

Ex GL @3.4m AOD

Existing building to be demolished assumed GFL @3.4m AOD

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2119 _{AD} tidal	Site lies within 0.5%AEP +CC flood level but is defended by existing Shell Filling Rooms flood wall 4.76m AOD
Pathway	overtopping of existing seawall to Shell Filling Rooms access road
Mitigation	Existing.
.	
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Shell Filling Rooms access road is modern.
Surface water	Positive surface water drainage required as site lies at lower levels within earthworks. Surface water tide lock tank required to provide sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period.

Flood Risk Strategies employed and Residual Risk:Direct Risk

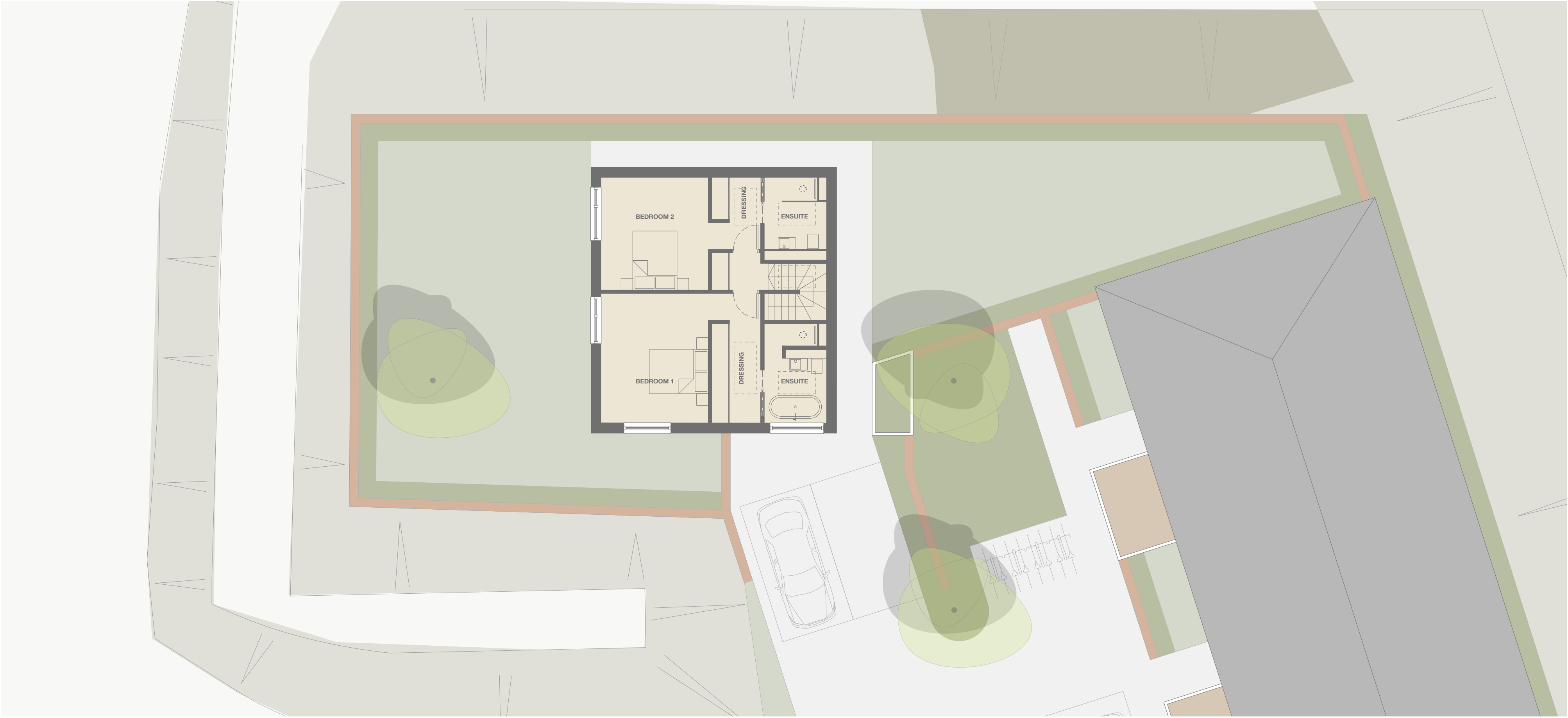
- Tidal food defence to 0.5%AEP + CC + freeboard.
- Tide lock runoff tank.

Residual Risk

- Combined breach and overtopping flood level implied from results for site J(refer to Herrington Consulting Ltd report) to lie at a flood level of 4.27m AOD for breach in the adjacent Shell Filling Rooms defence:
 - Proposed GFLs raised from 3.40m existing to 3.50m AOD. It is not possible to deliver GFLs above the residual flood risk level however GFL usage has been limited to resilient and non critical uses; ancillary WC facility, utility room, kitchen and dining room with bedrooms, bathrooms and living room on upper floors.
 - Flood Warning and Evacuation Plan
 - Upper floors have capability for safe refuge (tidal flood peak levels would be of short duration)

Key drawings (attached) of proposed arrangement:

JPA drawing	1720-220-B	plans
JPA drawing	1720-420-A	elevations



03 PROPOSED SECOND FLOOR PLAN - QUICK FIRE SHELL FILLING ROOM SITE

SCALE 1:100



02 PROPOSED FIRST FLOOR PLAN - QUICK FIRE SHELL FILLING ROOM SITE

SCALE 1:100



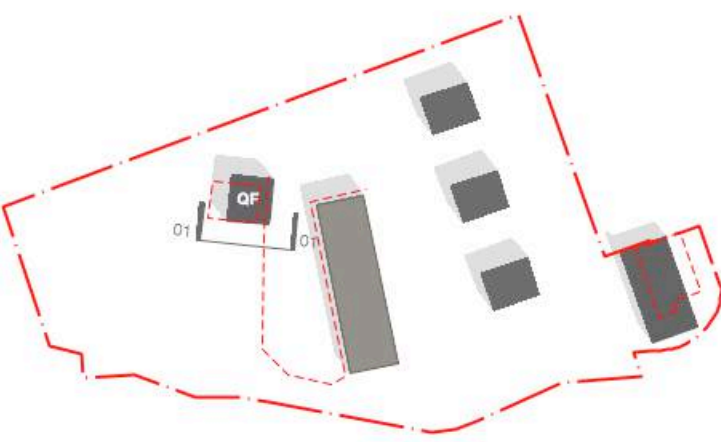
01 PROPOSED GROUND FLOOR PLAN - QUICK FIRE SHELL FILLING ROOM SITE

SCALE 1:100



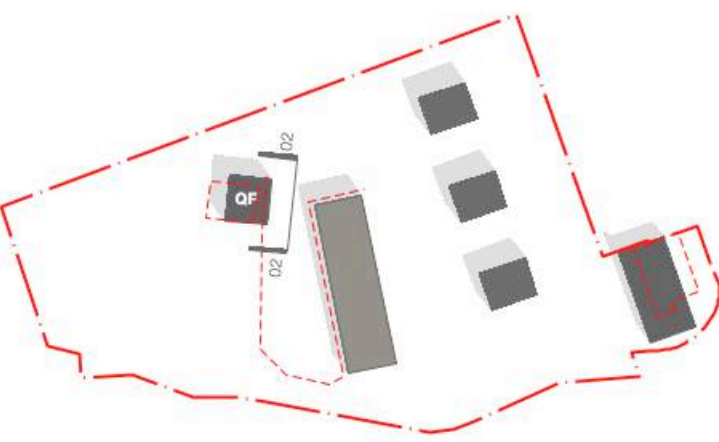
01 PROPOSED SOUTH ELEVATION - QF SITE

SCALE 1:100



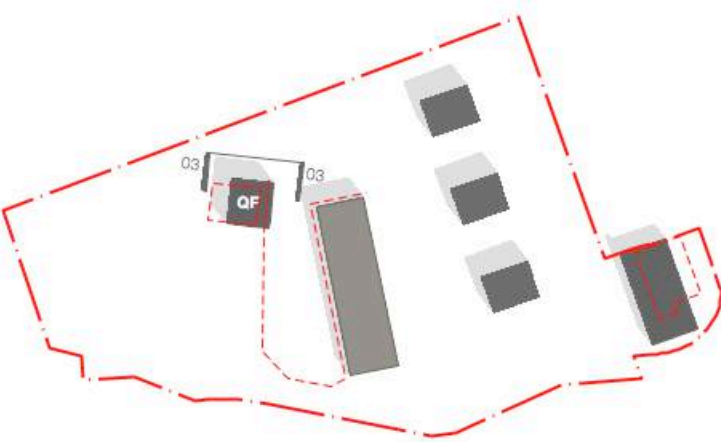
02 PROPOSED EAST ELEVATION - QF SITE

SCALE 1:100



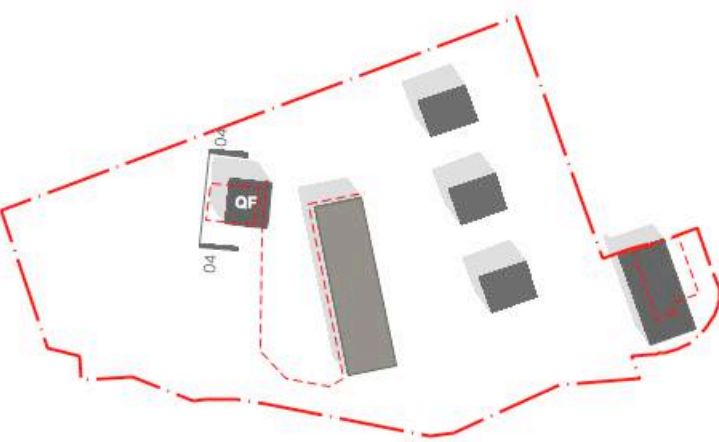
03 PROPOSED NORTH ELEVATION - QF SITE

SCALE 1:100



04 PROPOSED WEST ELEVATION - QF SITE

SCALE 1:100



MATERIAL LEGEND - QUICK FIRE SHELL FILLING

- 01** BRICK: TEXTURED BRICK - FLEMISH BOND, NATURAL MORTAR - COLOUR RED MULTI
- 02** BRICK HEADERS: TEXTURED - FLEMISH BOND WITH DARK HEADERS - COLOUR BURN'T GREY
- 03** TIMBER INFIL PANEL: DARK STAINED LARCH (OR SIMILAR ALTERNATIVE)
- 04** ENTRANCE DOORS: SOLID CORE - OUTER FINISH DARK VERTICAL TIMBER BOARDING, NATURAL FINISH / OILED OR STAINED

- 05** SOFFIT: TIMBER BOARD LINING - TO MATCH TIMBER PANELS (3)
- 06** WINDOWS: OUTER FINISH BROWN/GREY, WITH HEAD AND SILL TO MATCH
- 07** GLAZED DOORS: OUTER FINISH BROWN/GREY.
- 08** BALUSTRADE: METAL - VERTICAL METAL SPINDLES - POWDER COATED DARK GREY.
- 09** COPING: ANODISED ALUMINIUM COPING - COLOUR DARK GREY

- 10** ROOFLIGHT: OUTER FINISH - DARK GREY
- 11** RAINWATER GOODS: DARK GREY
- 12** GARDEN WALLS: BRICK WALLS TO MATCH BUILDING - TEXTURED BRICK - FLEMISH BOND, NATURAL MORTAR - COLOUR RED MULTI - WITH SOLDIER COURSE CAPPING
- 13** BIN/BIKE STORE: BRICK TO MATCH BUILDING WITH DARK VERTICAL TIMBER SLAT VENTILATED DOORS. NATURAL FINISH / OILED OR STAINED.

Element/Building:

Element (IV)

Nature and quantum:

New build.

3 dwellings in the ramparts.

Existing Ground Level/ Ground Floor Level:

Ex GL 3.4m AOD

No existing buildings.

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2119 _{AD} tidal	Site lies within 0.5%AEP +CC flood level but is defended by existing Shell Filling Rooms flood wall 4.76m AOD
Pathway	overtopping of existing seawall to Shell Filling Rooms access road
Mitigation	Existing.
.	
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Shell Filling Rooms access road is modern.
Surface water	Positive surface water drainage required as site lies at lower levels within earthworks. Surface water tide lock tank required to provide sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period.

Flood Risk Strategies employed and Residual Risk:Direct Risk

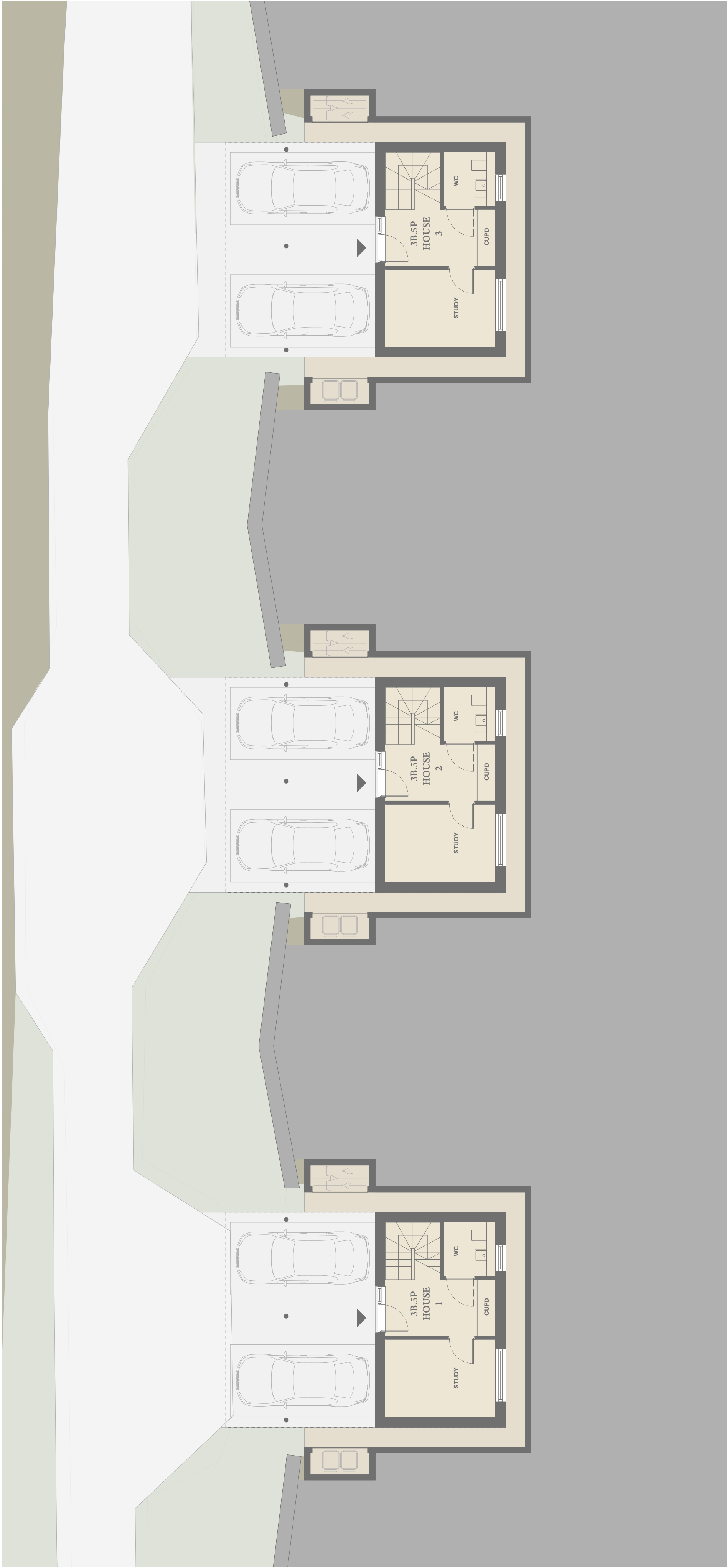
- Tidal food defence to 0.5%AEP + CC + freeboard.
- Tide lock runoff tank.

Residual Risk

- Combined breach and overtopping flood level implied from results for site J(refer to Herrington Consulting Ltd report) to lie at a flood level of 4.27m AOD for breach in the adjacent Shell Filling Rooms defence:
 - Proposed GFLs raised from 3.40m existing to 3.50m AOD. It is not possible to raise GFLs above the residual flood risk level however GFL usage has been limited to resilient and non critical uses; WC facility and study with bedrooms, bathrooms and living room on upper floors.
 - Flood Warning and Evacuation Plan
 - Upper floors have capability for safe refuge (tidal flood peak levels would be of short duration)

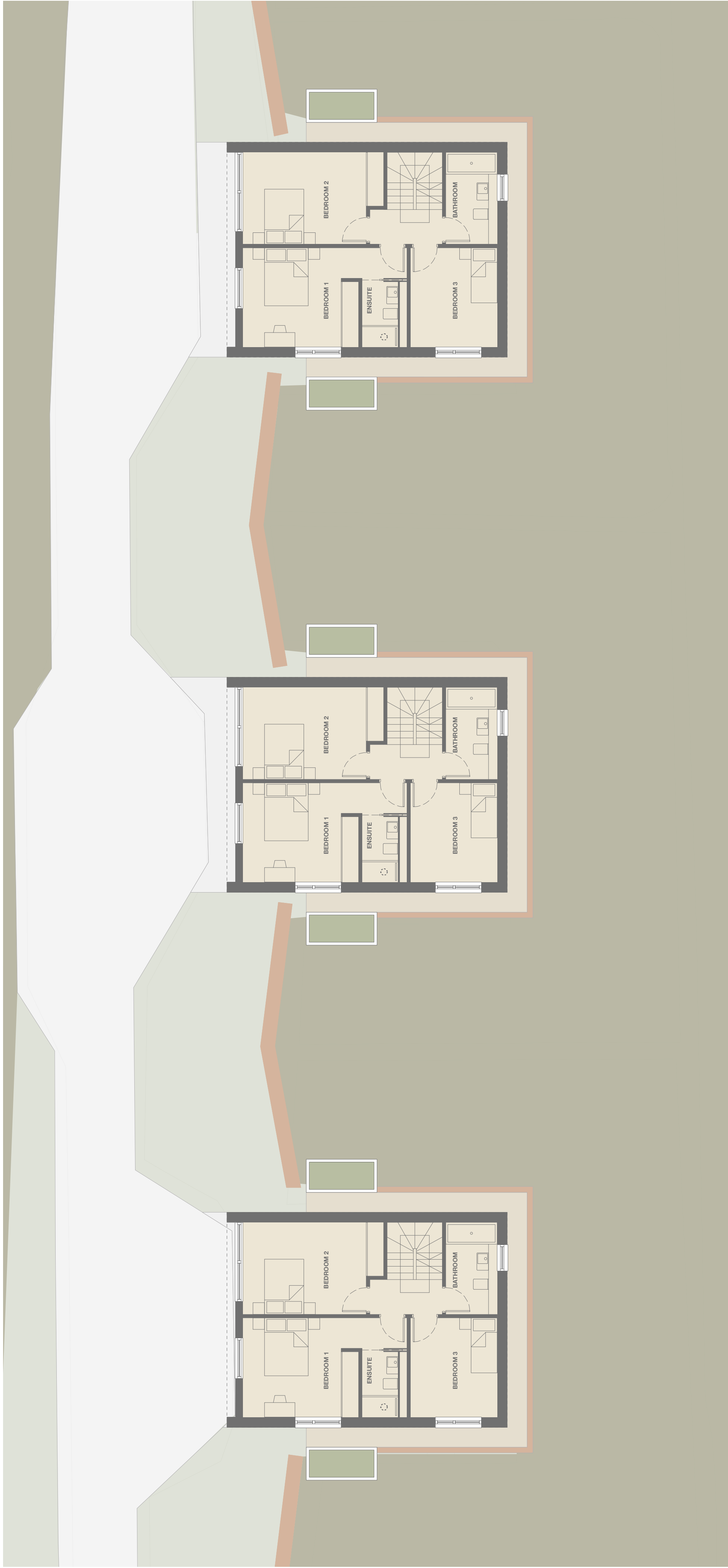
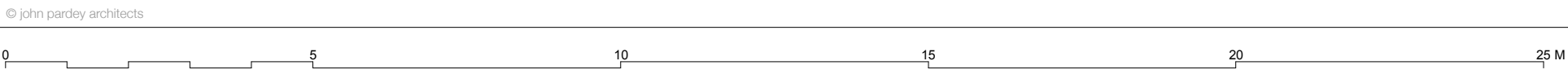
Key drawings (attached) of proposed arrangement:

JPA drawing	1720-240	plans
JPA drawing	1720-440	elevations



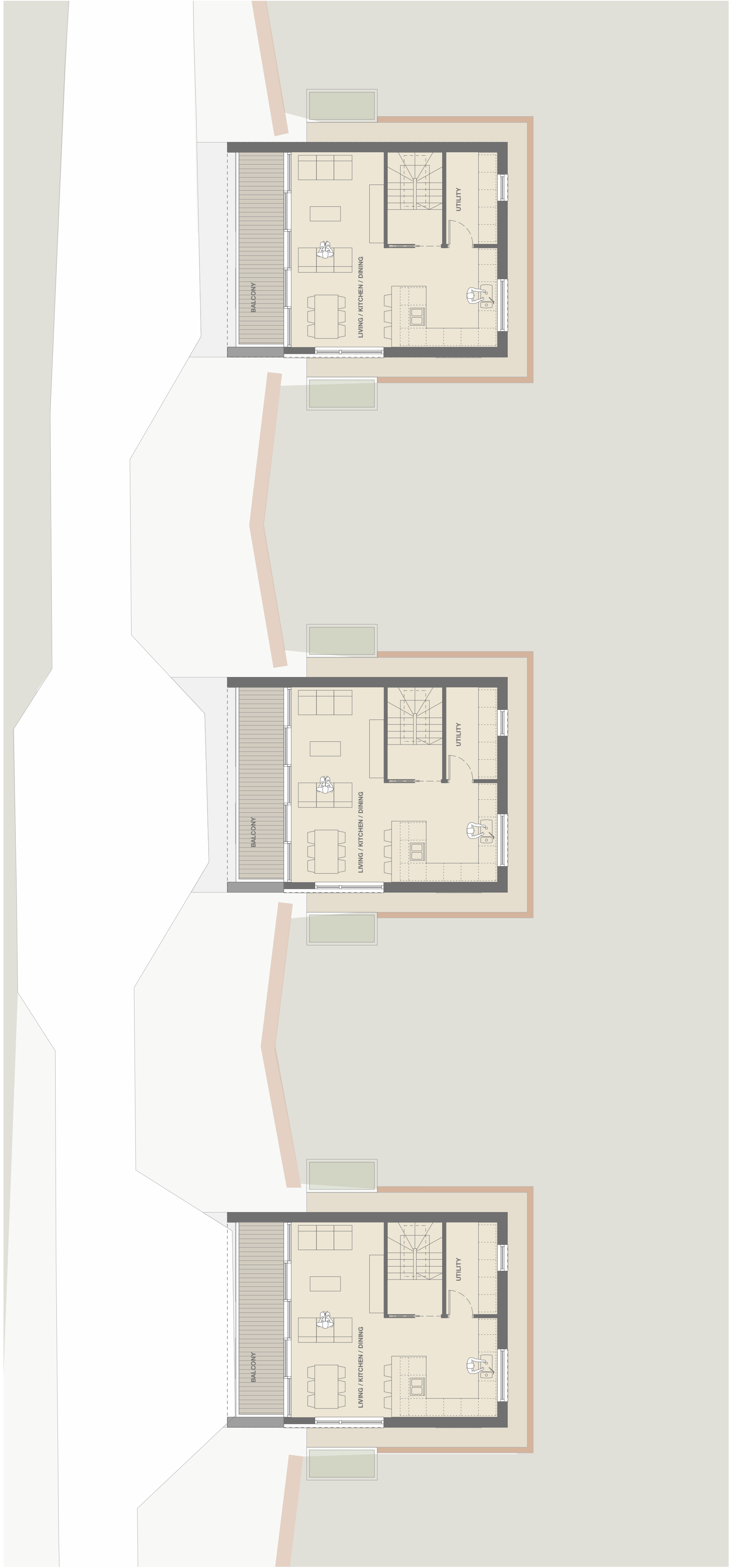
01 PROPOSED GROUND FLOOR PLAN - MONUMENT WORKS

SCALE 1:100



02 PROPOSED FIRST FLOOR PLAN - MONUMENT WORKS

SCALE 1:100



03 PROPOSED SECOND FLOOR PLAN - MONUMENT WORKS

SCALE 1:100

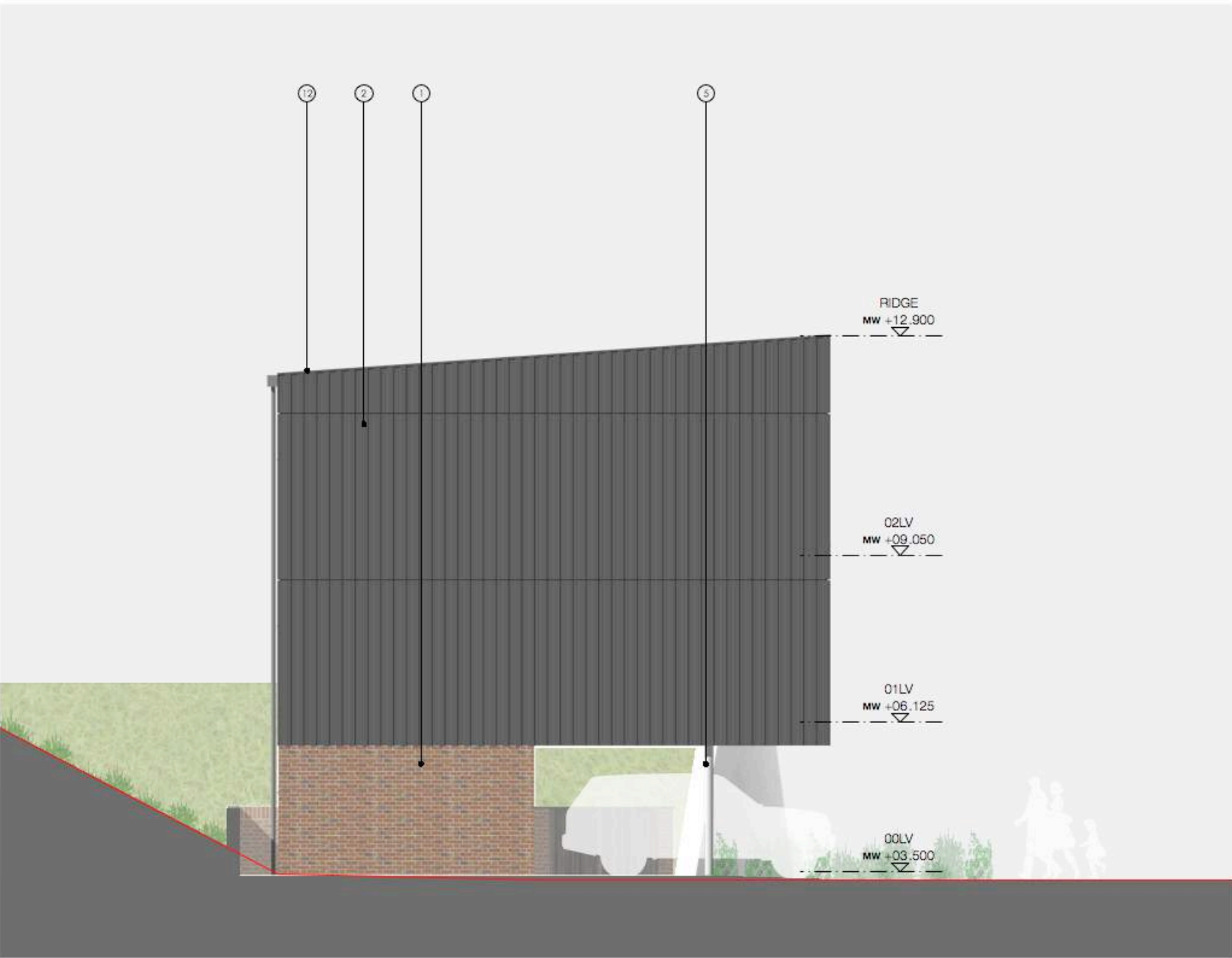
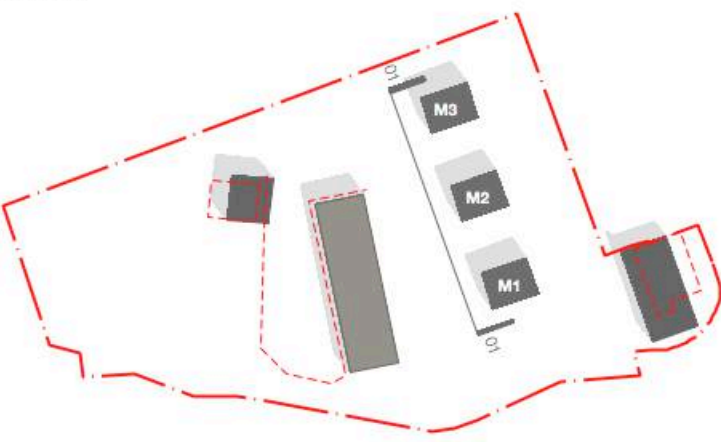
STATUS: PLANNING SCALE: 1:100 @ A1 DATE: MARCH 2019	DRAWING NO: 1720_240
	TITLE: PROPOSED PLANS - MONUMENT WORKS
	PROJECT: PRIDDY'S HARD MASTERPLAN

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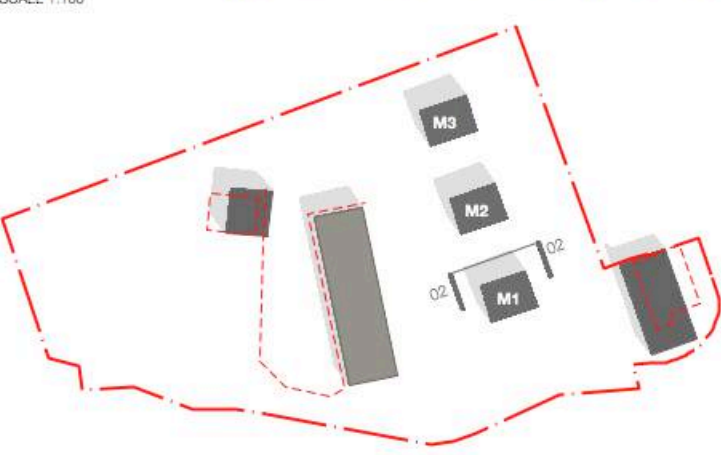
01 PROPOSED WEST ELEVATION - MONUMENT WORKS

SCALE 1:100



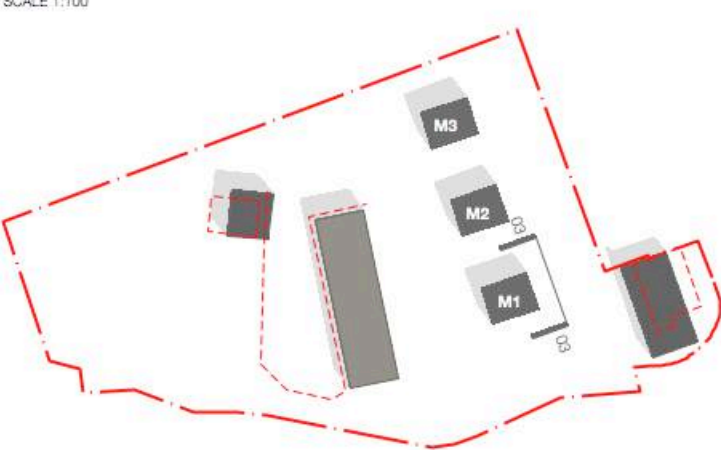
02 PROPOSED NORTH ELEVATION - MONUMENT WORKS

SCALE 1:100



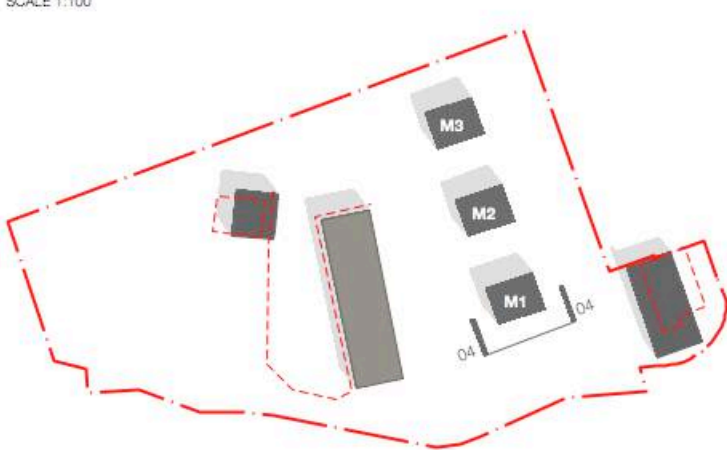
03 PROPOSED EAST ELEVATION - MONUMENT WORKS

SCALE 1:100



04 PROPOSED SOUTH ELEVATION - MONUMENT WORKS

SCALE 1:100



MATERIAL LEGEND - MONUMENT WORKS

- 01** BRICK: TEXTURED BRICK - FLEMISH BOND, NATURAL MORTAR - COLOUR RED MULTI
- 02** METAL CLADDING: PROFILED STEEL CLADDING - COLOUR DARK GREY
- 03** TIMBER INFILL PANEL: DARK STAINED LARCH (OR SIMILAR ALTERNATIVE)
- 04** ENTRANCE DOORS: SOLID CORE - OUTER FINISH DARK STAINED VERTICAL TIMBER BOARDING
- 05** COLUMNS: CONCRETE COLUMNS - PAINTED LIGHT GREY

- 06** SOFFIT: CEMENTITIOUS BOARDING - COLOUR WHITE
- 07** LININGS: CEMENTITIOUS BOARDING TO REVEALS - COLOUR WHITE
- 08** WINDOWS: OUTER FINISH DARK GREY, WITH HEAD AND SILL TO MATCH
- 09** GLAZED DOORS: OUTER FINISH DARK GREY.
- 10** GLASS BALUSTRADE: CANTILEVERED LAMINATED GLASS
- 11** FASCIA: METAL FASCIA - COLOUR LIGHT GREY

- 12** COPING: ANODISED ALUMINIUM COPING - COLOUR DARK GREY
- 13** ROOFLIGHT: OUTER FINISH - DARK GREY
- 14** RAINWATER GOODS: COLOUR GREY
- 15** GARDEN WALLS: BRICK WALLS TO MATCH BUILDING - TEXTURED BRICK - FLEMISH BOND, NATURAL MORTAR - COLOUR RED MULTI - WITH SOLDIER COURSE CAPPING
- 16** BIN/BIKE STORE: BRICK TO MATCH BUILDING WITH DARK STAINED VERTICAL TIMBER SLAT VENTILATED DOORS.

Element/Building:

Element (V-a)

Nature and quantum:

Change of Use.

4 dwellings in the former shell painting room.

Existing Ground Level/ Ground Floor Level:

Ex GFL @4.0m AOD

Existing building.

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	lies above 0.5% AEP flood level
2119 _{AD} tidal	Site lies within 0.5%AEP +CC flood level but is defended by existing Shell Filling Rooms flood wall 4.76m AOD
Pathway	overtopping of existing seawall to Shell Filling Rooms access road
Mitigation	Existing.
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Shell Filling Rooms access road is modern.
Surface water	Positive surface water drainage required as site lies at lower levels within earthworks. Surface water tide lock tank required to provide sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period.

Flood Risk Strategies employed and Residual Risk:Direct Risk

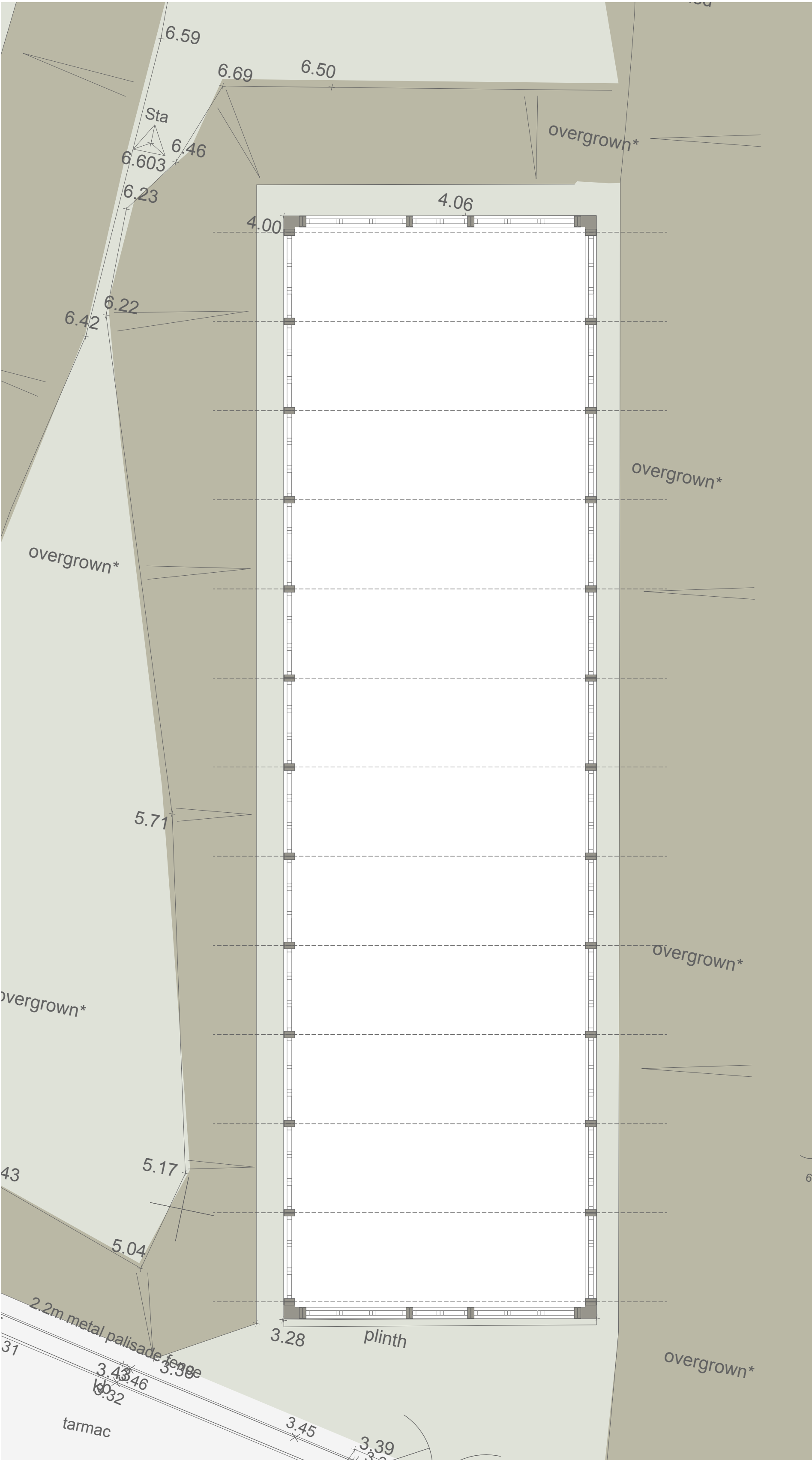
- Tidal food defence to 0.5%AEP + CC + freeboard.
- Tide lock runoff tank.

Residual Risk

- Combined breach and overtopping flood level implied from results for site J(refer to Herrington Consulting Ltd report) to lie at a flood level of 4.27m AOD for breach in the adjacent Shell Filling Rooms defence:
 - Proposed FFLs raised from 4.00m existing to 5.50m AOD are above residual risk flood level
 - Flood Warning and Evacuation Plan
 - Capability for safe refuge on an upper floor is not available however there will be a freeboard of some 1.2m on the breach risk flood level

Key drawings (attached) of proposed arrangement:

JPA drawing	1720-230	plans
JPA drawing	1720-430	elevations



01 EXISTING PLAN - SHELL PAINTING ROOM

SCALE 1:100

NOTE: PLAN TAKEN THROUGH CLERESTOREY GLAZING FOR CLARITY

NOTE: TOPOGRAPHICAL INFORMATION ONLY. FULL BUILDING SURVEY INFORMATION NOT AVAILABLE



02 PROPOSED PLAN - SHELL PAINTING ROOM

SCALE 1:100

NOTE: PLAN TAKEN THROUGH CLERESTOREY GLAZING FOR CLARITY

NOTE: ALL PROPOSALS SUBJECT TO DETAILED MEASURED AND STRUCTURAL SURVEYS

NOTE: REFER TO ASPIRE ARCHITECTS LTD DRAWINGS
FOR DETAIL ON LANDSCAPE PROPOSALS AND LEVELS

© john parkley architects



STATUS: PLANNING

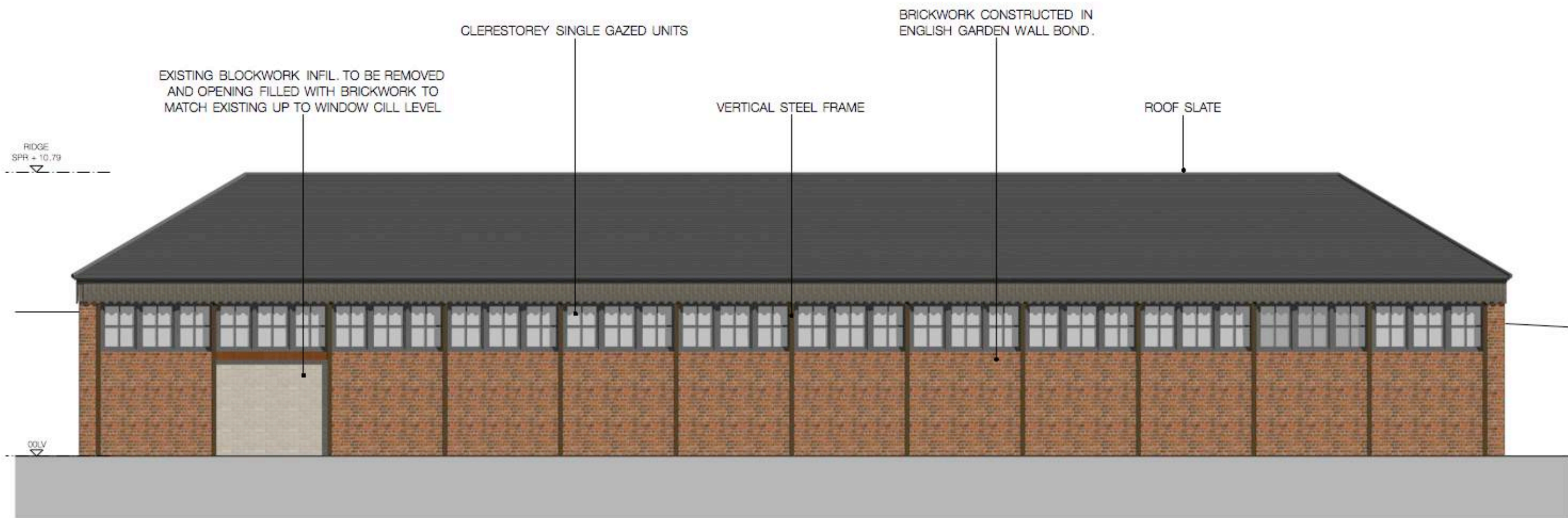
SCALE: 1:100 @ A1

DATE: OCTOBER 2017

DRAWING NO: 1720_230

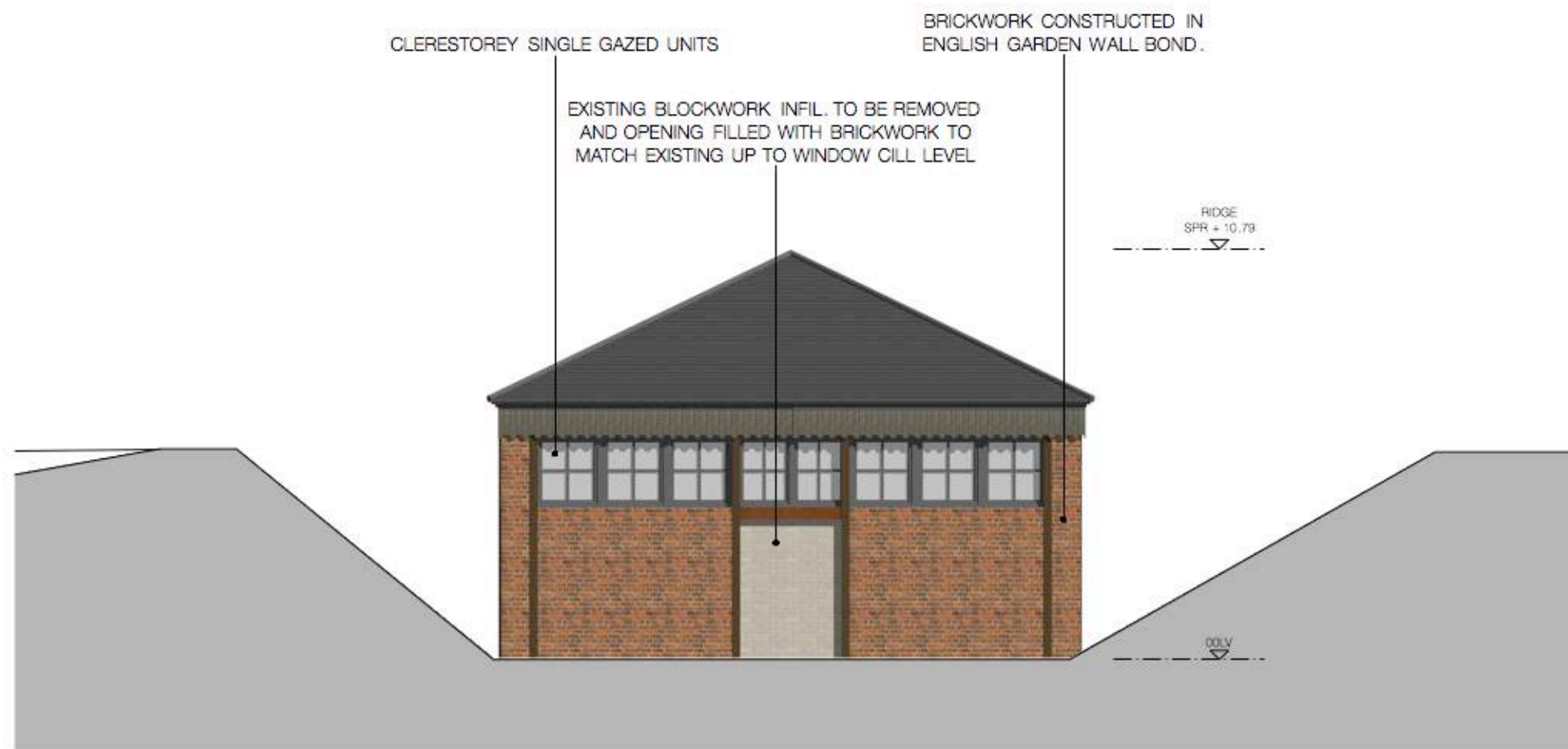
TITLE: EXISTING + PROPOSED PLANS - SHELL PAINTING ROOM

PROJECT: PRIDDY'S HARD MASTERPLAN



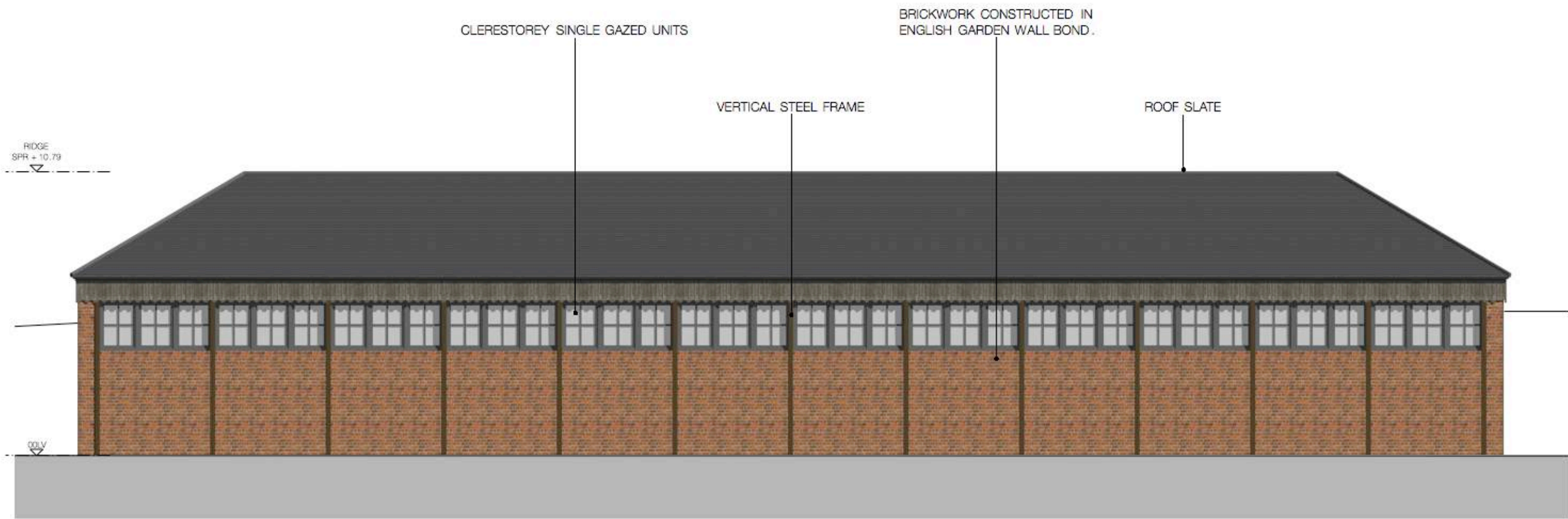
01 EXISTING WEST ELEVATION - SHELL PAINTING ROOM

SCALE 1:100



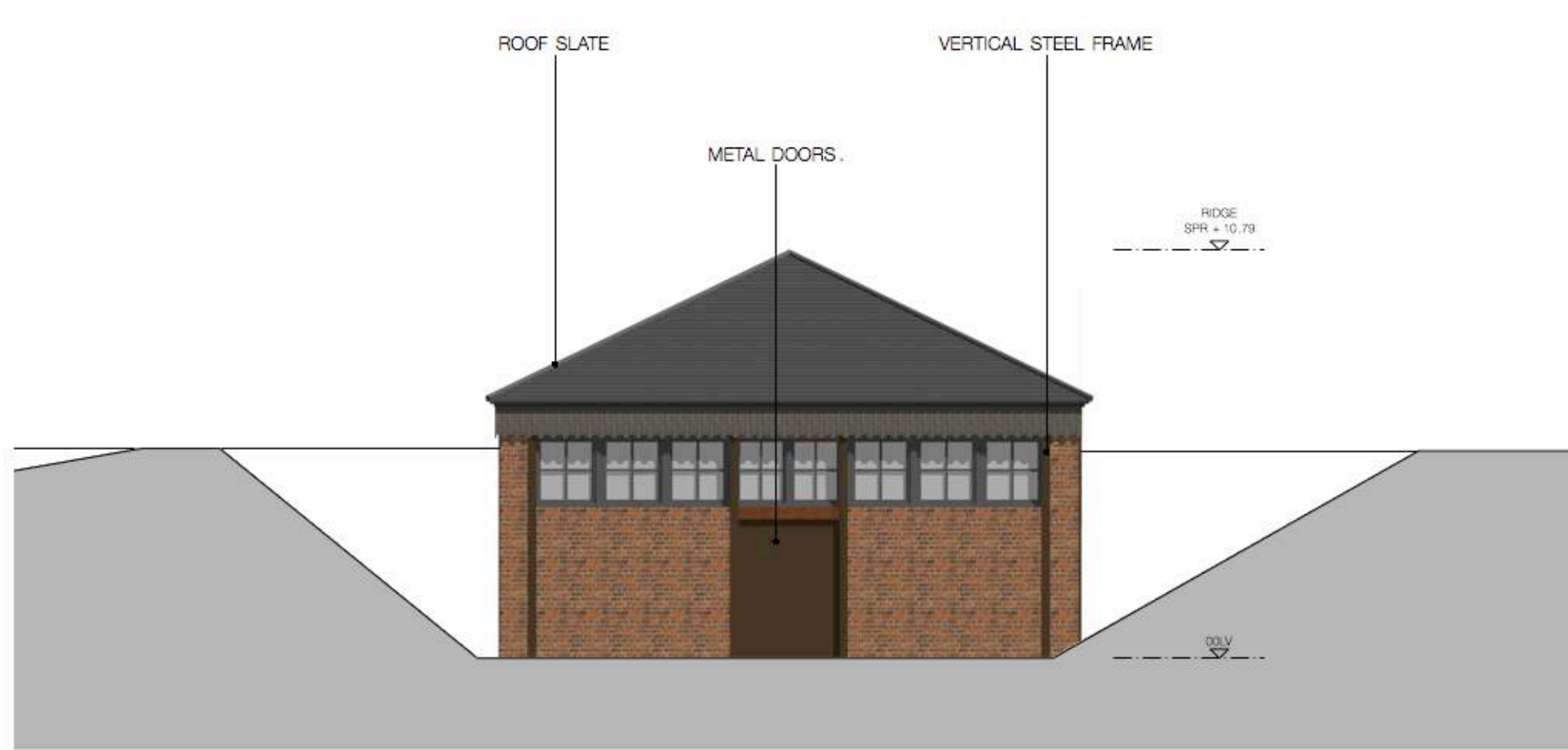
02 EXISTING NORTH ELEVATION - SHELL PAINTING ROOM

SCALE 1:100



03 EXISTING EAST ELEVATION - SHELL PAINTING ROOM

SCALE 1:100



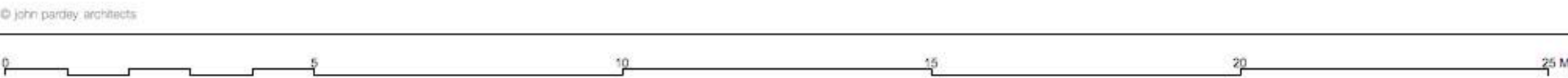
04 EXISTING SOUTH ELEVATION - SHELL PAINTING ROOM

SCALE 1:100



NOTE: TOPOGRAPHICAL INFORMATION ONLY. FULL BUILDING SURVEY INFORMATION NOT AVAILABLE

NOTE: REFER TO ASPIRE ARCHITECTS LTD DRAWINGS FOR DETAIL ON LANDSCAPE PROPOSALS AND LEVELS



SHELL PAINTING ROOM - BUILT IN 1900/01, STEEL FRAMED BUILDING WITH BRICK EXTERNAL WALL PANELS, STEEL ROOF TRUSSES AND SLATE ROOF COVERING. TWELVE BAYS LONG WITH DOUBLE ACCESS DOORS AT THE NORTHERN AND SOUTHERN ENDS WITH GLAZED PANELS ABOVE. GLAZING CONTINUES AROUND LONG SIDES AS CLERESTORY WINDOWS SET BETWEEN THE STEEL FRAME.

DESIGNATION - GRADE II LISTED

STATUS: PLANNING

SCALE: 1:100 @ A1

DATE: APRIL 2018

DRAWING NO: 1720_430

TITLE: EXISTING ELEVATIONS - SHELL PAINTING ROOM

PROJECT: PRIDDY'S HARD MASTERPLAN

Element/Building:

Element (V-b)

Nature and quantum:

Change of Use.

Brewery in the former E magazine.

Existing Ground Level/ Ground Floor Level:

Ex GFL 4.765 to 4.99m AOD

Existing building.

Design Lifespan:

Non residential = 60 years ie to 2079_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	lies above 0.5% AEP flood level
2079 _{AD} tidal	Site lies above 0.5%AEP +CC flood level
Pathway	overtopping of existing seawall to the east
Mitigation	NA.
Fluvial	NA tidally governed site
Groundwater	NA 2079 _{AD} Mean Sea Level including CC 0.70m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Searle Drive is modern.
Surface water	Site lies outside mapped surface water flood risk areas. Surface water considered to discharge to adjacent moat

Flood Risk Strategies employed and Residual Risk:Direct Risk

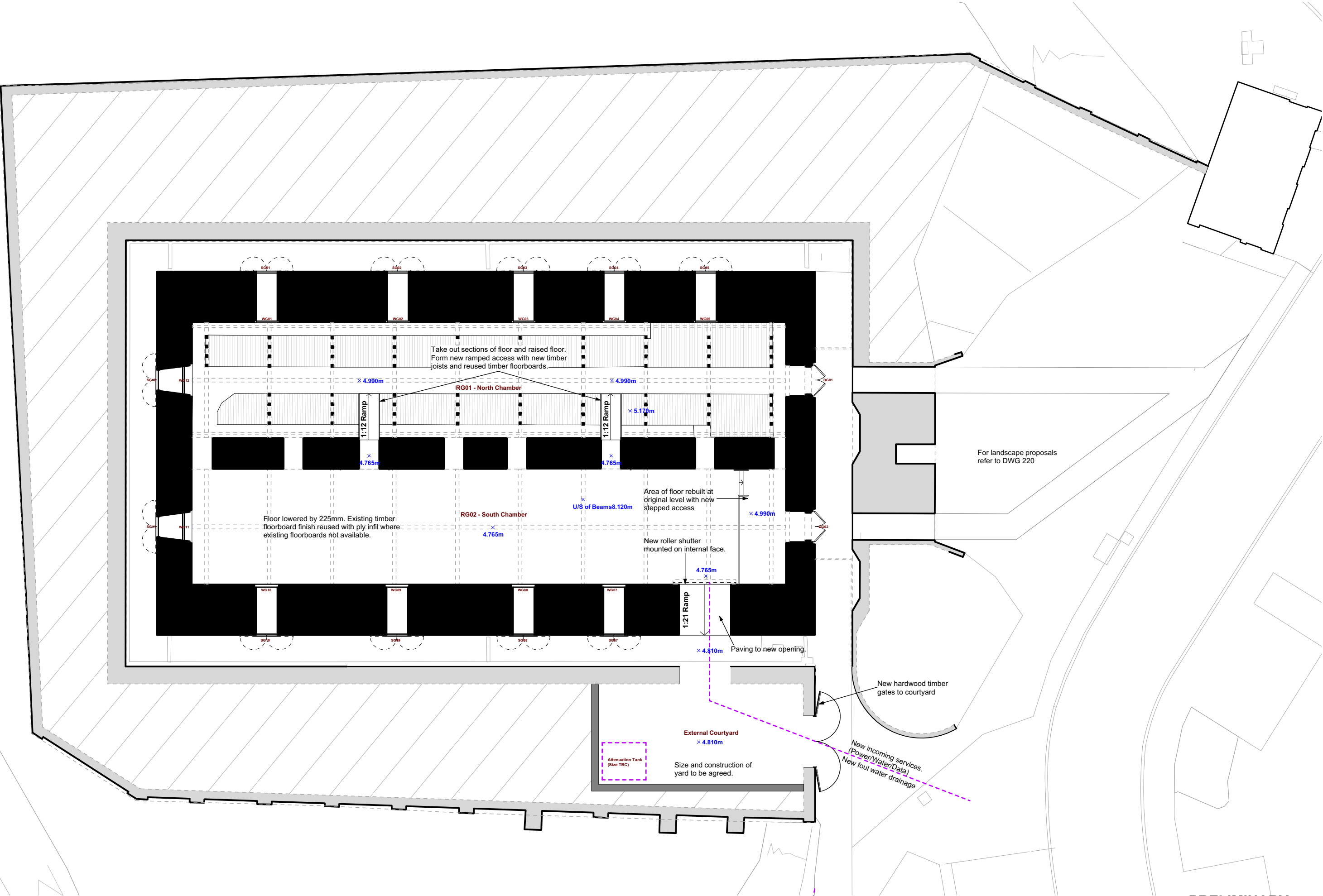
- Site well above to 0.5%AEP + CC.

Residual Risk

- Site not in breach/overtopping risk area(refer to Herrington Consulting Ltd report). Note also the non residential usage would only require a 60 year lifespan reducing the controlling tidal event by some 0.55m from the modelled event.

Key drawings (attached) of proposed arrangement:

PA drawing	A1015-E221-P1	plans
PA drawing	A1015-E325-P1	long section



PRELIMINARY

Revisions: P1 Preliminary Issue

02/04/19



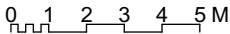
PROJECT: Priddys Hard Regeneration

SHEET: Ground floor plan as proposed

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DRAWING NO: A1015 E 221

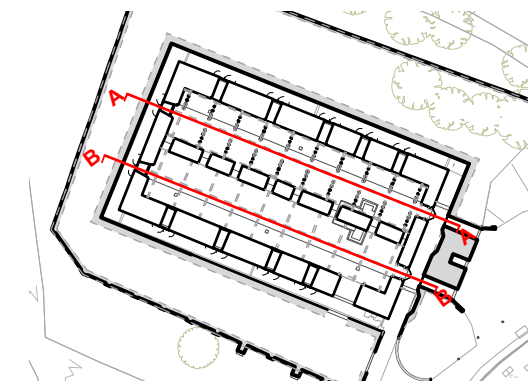
SCALE: 1:200



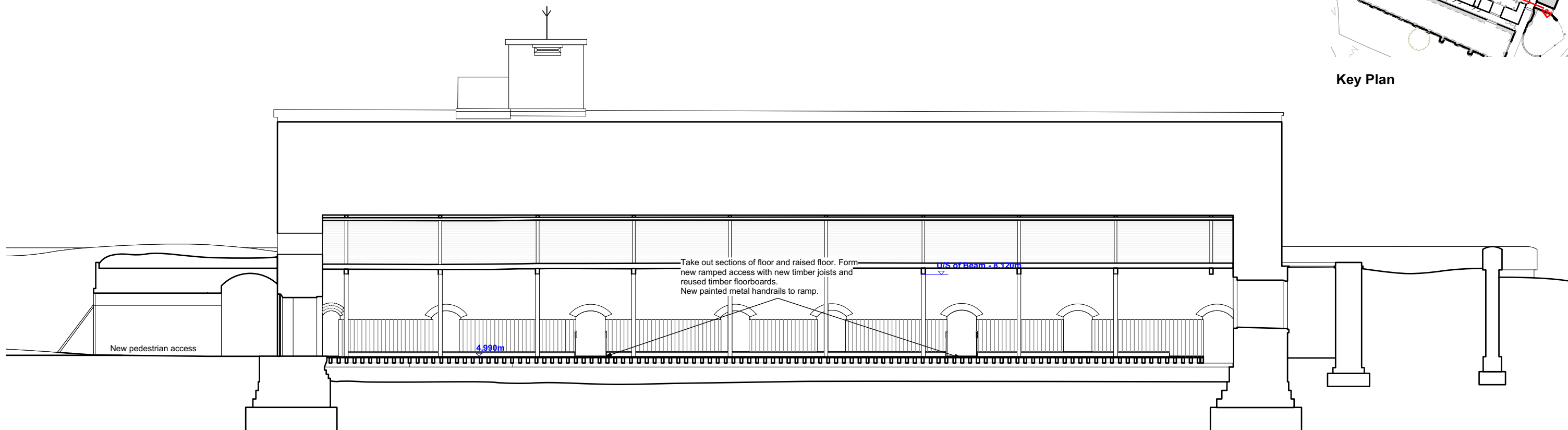
REV: P1

DATE: March 19

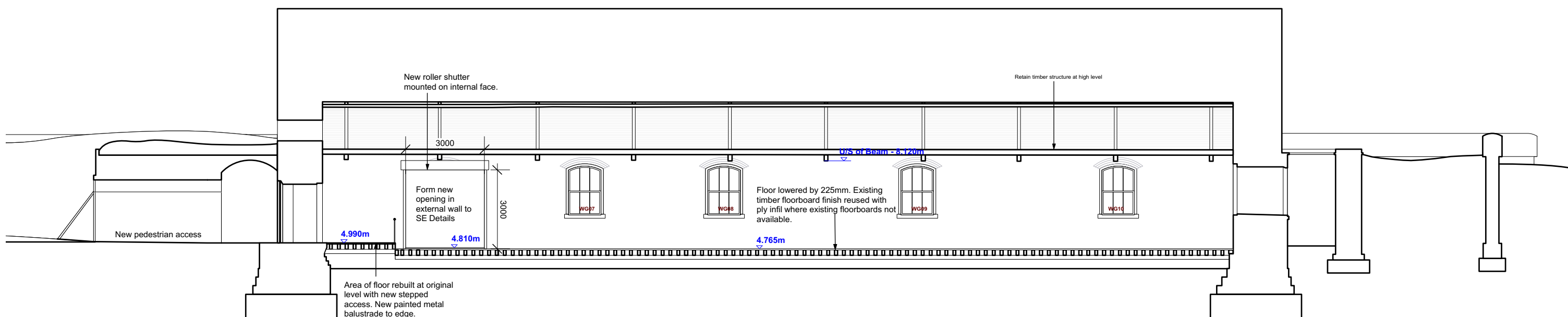
PRITCHARD
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Key Plan



Section A-A



Section B-B

PRELIMINARY

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Revisions: P1 Preliminary Issue

02/04/19

PROJECT: **Priddys Hard Regeneration**

SHEET: **Proposed Long Sections**

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DRAWING NO: **A1015 E 325**

SCALE: **1:150**

0 1 2 3 4 5 M

REV: **P1**

DATE: **April 18**



Element/Building:

Element (VI)/Proof House

Nature and quantum:

Change of Use.

Tool store in the former proof house.

Existing Ground Level/ Ground Floor Level:

Ex GFL @2.30m AOD

Existing building.

Design Lifespan:

Non residential = 60 years ie to 2079_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2079 _{AD} tidal	Site lies above 0.5%AEP +CC flood level
Pathway	Overtopping of existing seawall to the east and 'overtopping' of Searle Drive or overtopping of Shell Filling Rooms defence
Mitigation	NA.
Fluvial	NA tidally governed site
Groundwater	NA 2079 _{AD} Mean Sea Level including CC 0.70m AOD is well below site GLs
Sewers	NA Not in area of historic sewer flood risk. Sewer system in Searle Drive is modern.
Surface water	Site lies in 0.1%-1% AEP low surface water flood risk area. Surface water considered to discharge to adjacent moat.

Flood Risk Strategies employed and Residual Risk:Direct Risk

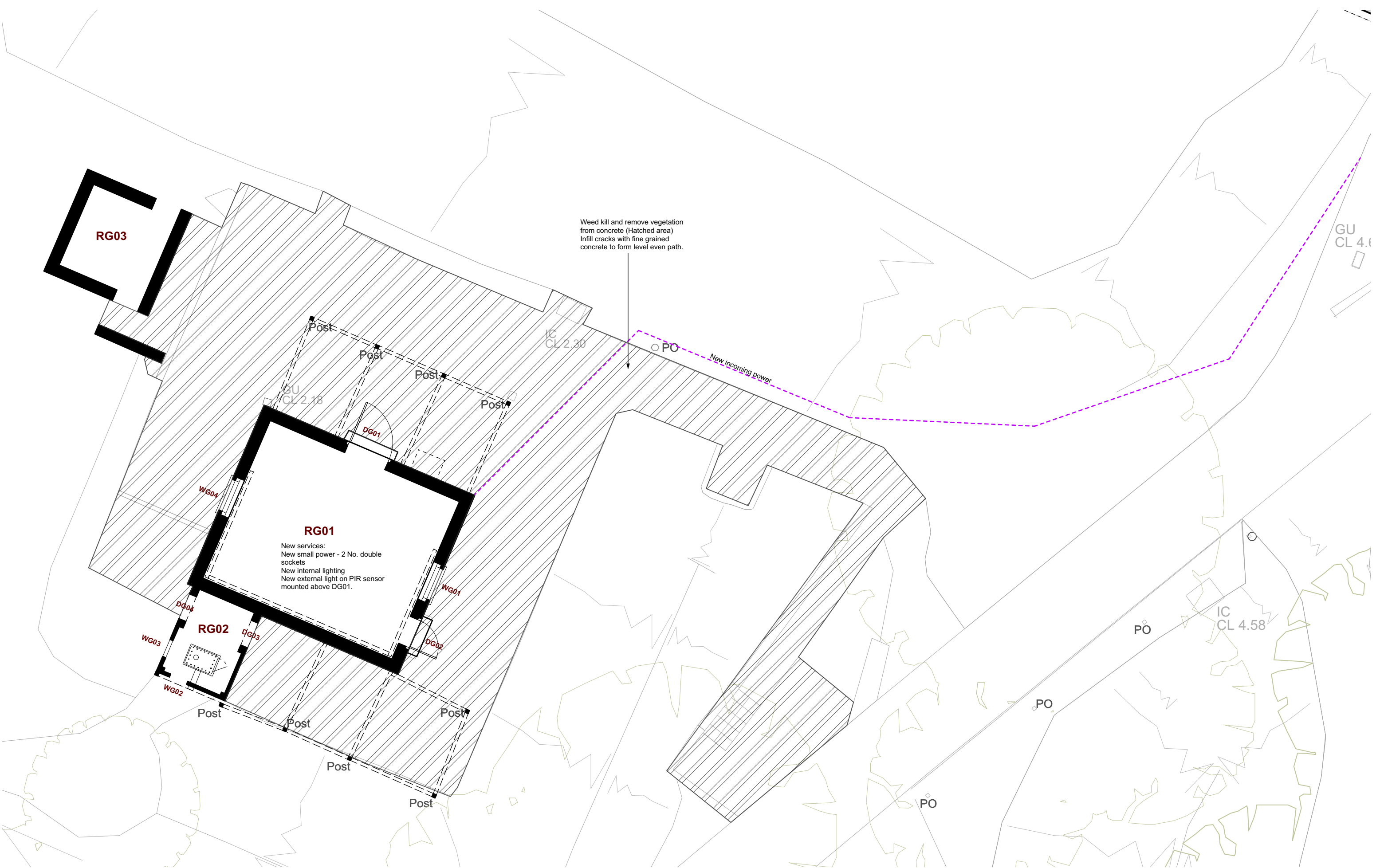
- Tidal food defence to 0.5%AEP + CC + freeboard.

Residual Risk

- Combined breach and overtopping for 0.5%AEP + CC event(refer to Herrington Consulting Ltd report) would not reach the site. A 0.5%AEP +CC + extreme surge level increase of 0.3m would result in flooding at the site However given the non-residential nature of the change of use and 60 year life span no mitigation is considered to be required for residual risk.

Key drawings (attached) of proposed arrangement:

PA drawing	A1015-PH220-P1	plans
PA drawing	A1015-PH350-P1	elevations



PRELIMINARY

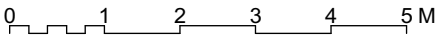
Revisions: P1 Preliminary Issue 14/03/19



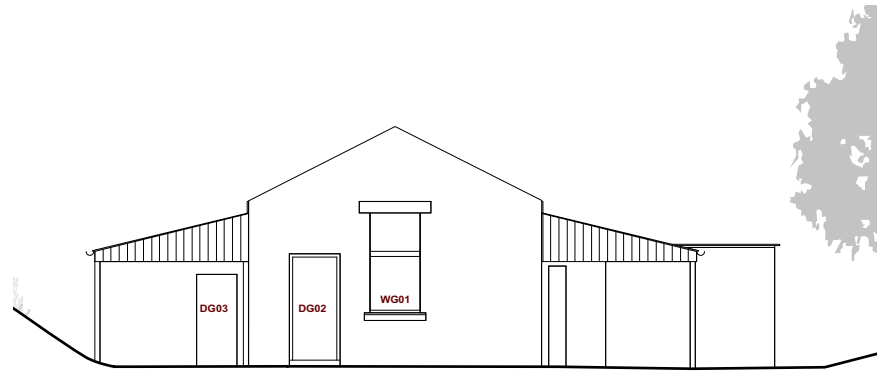
PROJECT: Priddys Hard Regeneration
SHEET: Ground Floor & Landscape Plan as Proposed

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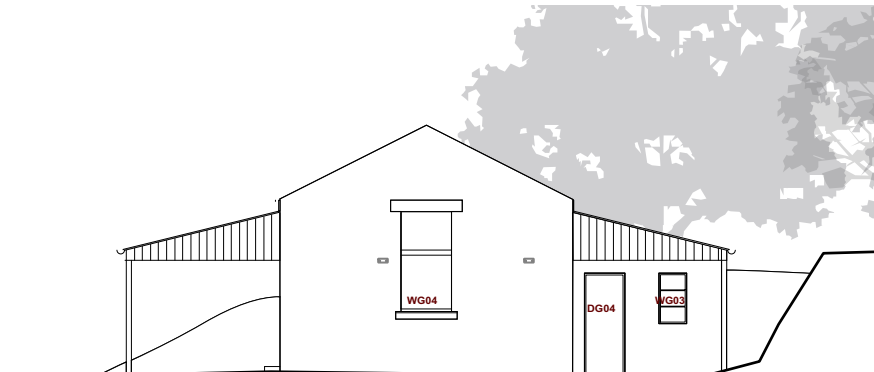
DRAWING NO: A1015 PH 220
SCALE: 1:100
REV: P1
DATE: March 19



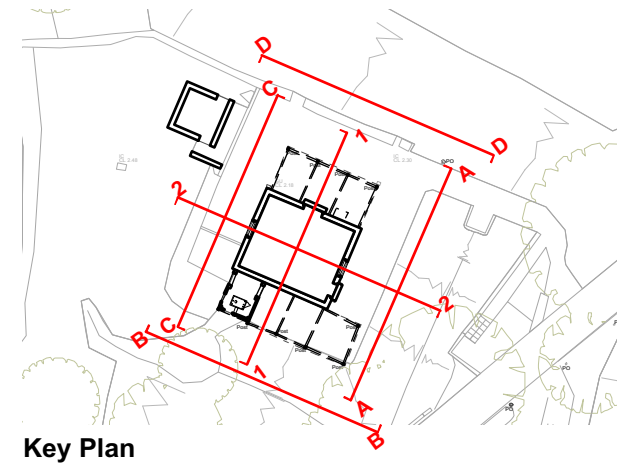
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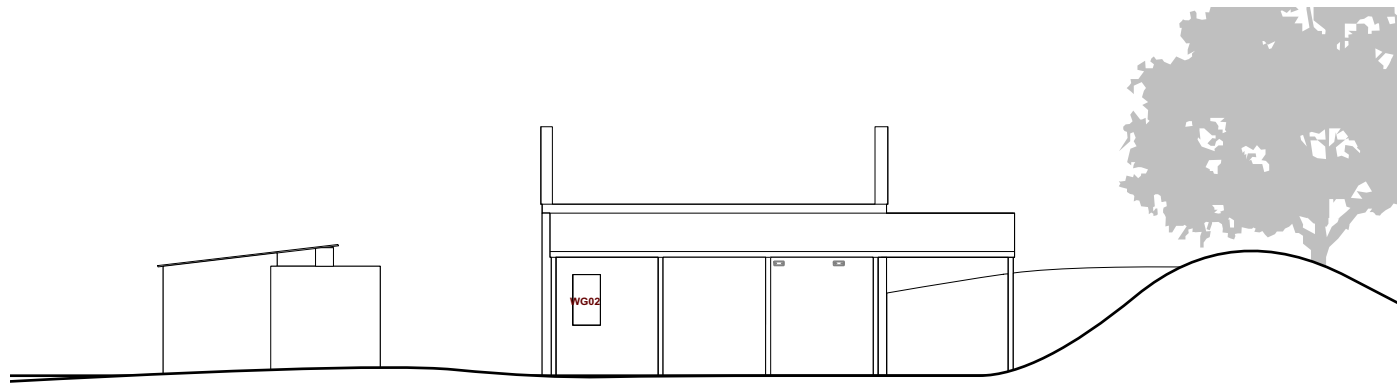
Elevation A-A



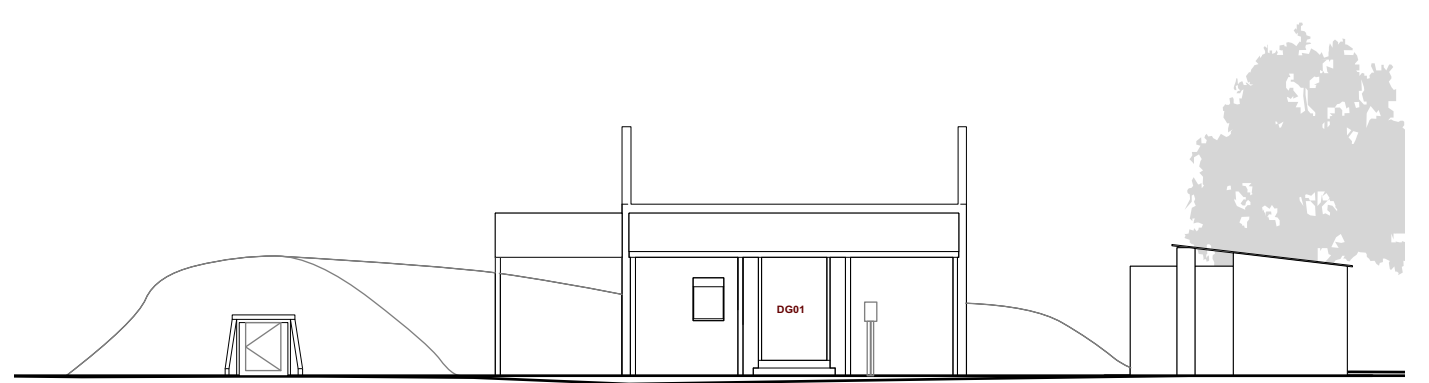
Elevation C-C



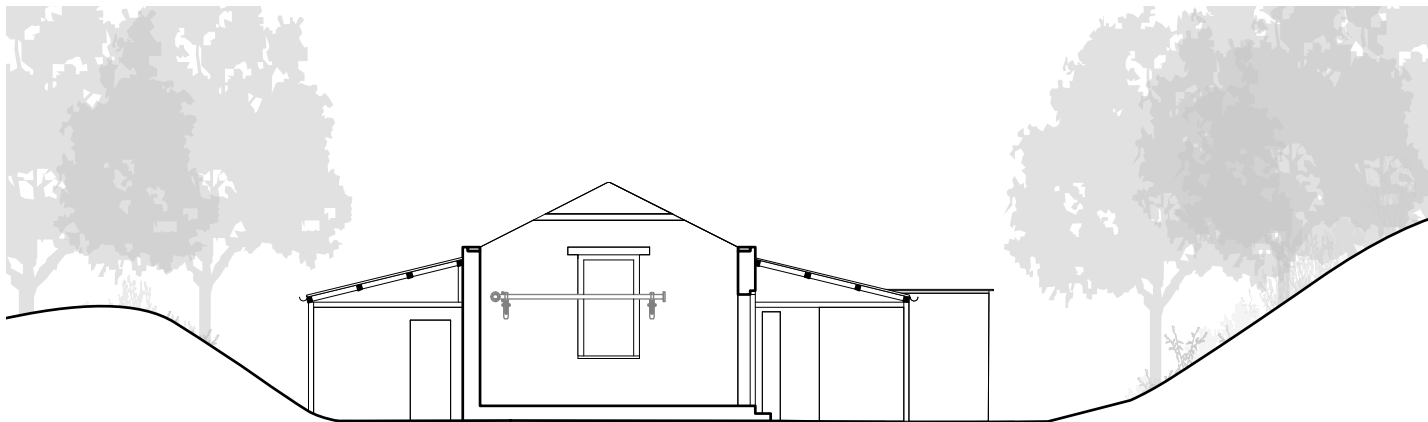
Key Plan



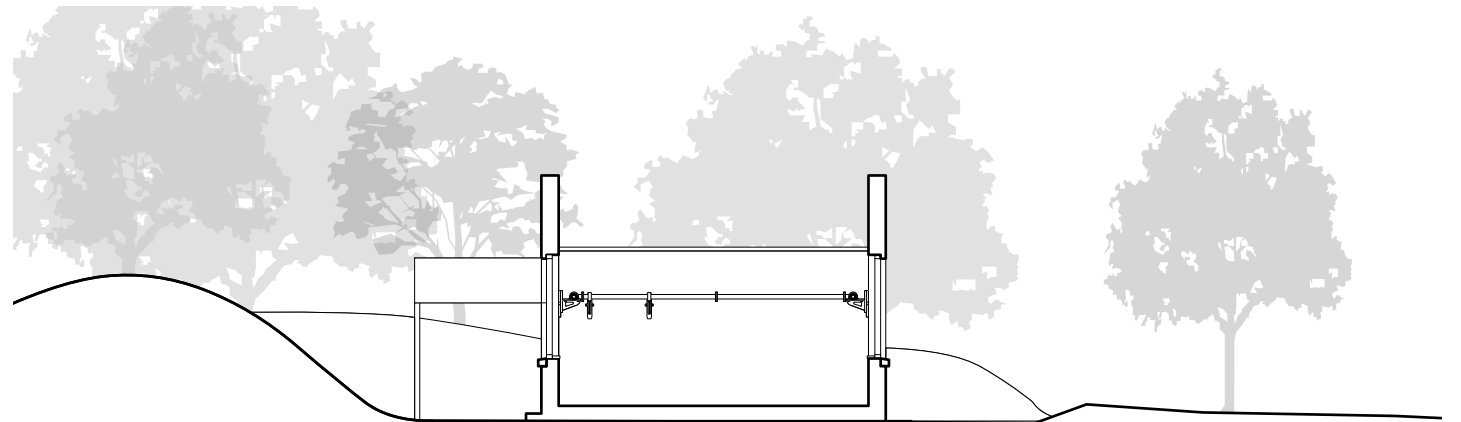
Elevation B-B



Elevation D-D



Section 1-1



Section 2-2

Revisions: P1 Preliminary Issue

11/03/19

PROJECT: **Priddys Hard Regeneration**

SHEET: **Existing Elevations and Sections**

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DRAWING NO: **A1015 PH 300**

SCALE: **1:150**

0 1 2 3 4 5 M

REV: **P1**

DATE: **August 18**

PRELIMINARY

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ARCHITECTURE

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Element/Building:

Element (VII)/Building Q

Nature and quantum:

Change of Use.

Holiday accommodation in the former shell store.

Existing Ground Level/ Ground Floor Level:

Ex GL @3.76m AOD

Existing building GFL 3.76m AOD

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2029 _{AD} tidal	Site lies above 0.5%AEP +CC flood level
2119 _{AD} tidal	Site lies within 0.5%AEP +CC flood level if undefended
Pathway	Overtopping of existing seawall to the east
Mitigation	To 2029 _{AD} site lies above 0.5%AEP +CC flood level The subsequent development phase for the site would include a long-term flood defence to service this building. Details of that will be bought forward with the subsequent application
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	The existing sewer system within the museum area is not considered to be in a critical condition in terms of lifespan to 2029 _{AD} . A new spine sewer system will be required to connect the subsequent phase to the modern public sewer network in Searle Drive
Surface water	Building located in an area of relatively flat hardscape. Surface water tide lock tank will be required in subsequent phase when long term flood defence is in place. Sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period would be required.

Flood Risk Strategies employed and Residual Risk:Direct Risk

- Subscription to Flood Warnings Direct; cancellation of holiday bookings could be made for an exceptional flood forecast up to 2029_{AD}
- GFL raised slightly to 3.88m AOD
- Flood Warning and Evacuation Plan
- New upper floor has capability for safe refuge (tidal flood peak levels would be of short duration)

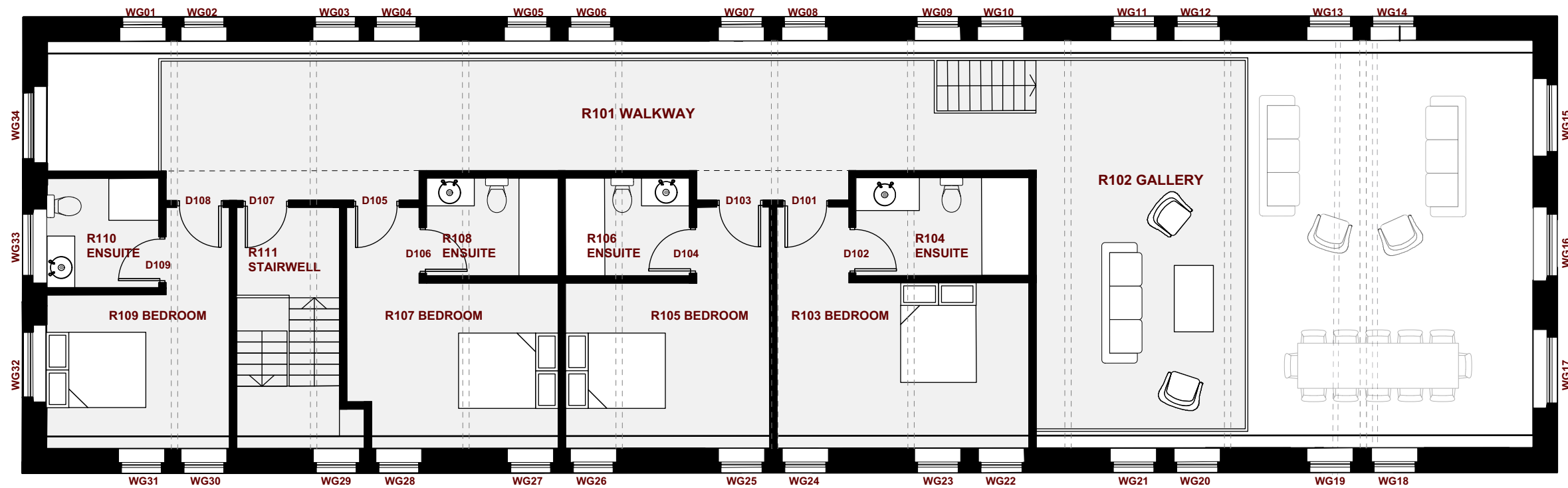
Residual Risk

- Risk is direct

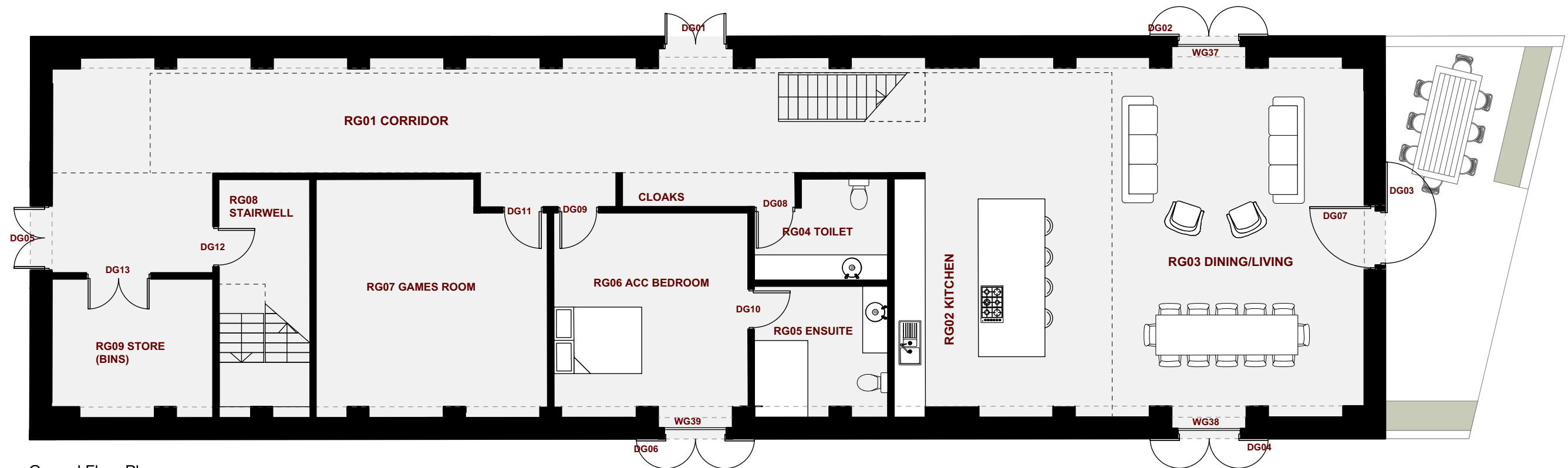
Direct and residual risk strategies will be revised accordingly at application stage for the subsequent development stage and flood defence proposals.

Key drawings (attached) of proposed arrangement:

PA drawing	A1015-Q225-P2	plans
PA drawing	A1015-Q330-P2	sections



First Floor Plan



Ground Floor Plan

Revisions: P1 For Information
P2 Preliminary Issue

22/02/19
14/03/19



PROJECT: Priddy's Hard Regeneration

SHEET: Ground and First Floor Plans As Proposed

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DRAWING NO: A1015 Q 225

SCALE: 1:100

0 1 2 3 4 5 M

REV: P2

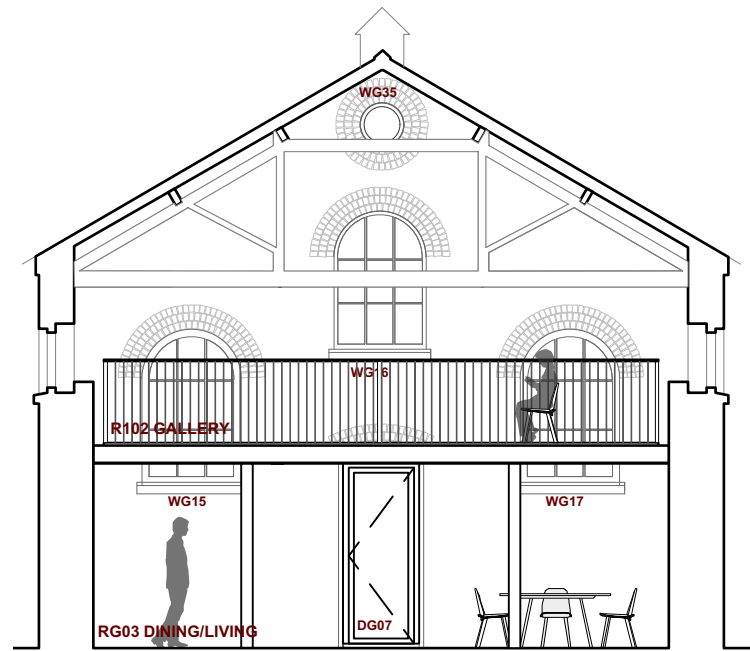
DATE: Jan 19

PRELIMINARY

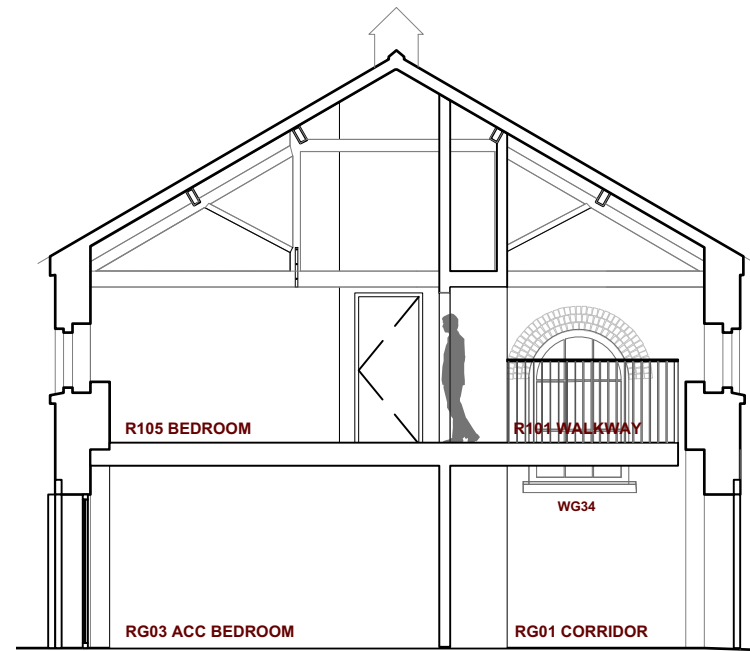
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HM Naval Base, Portsmouth, P01 3LJ
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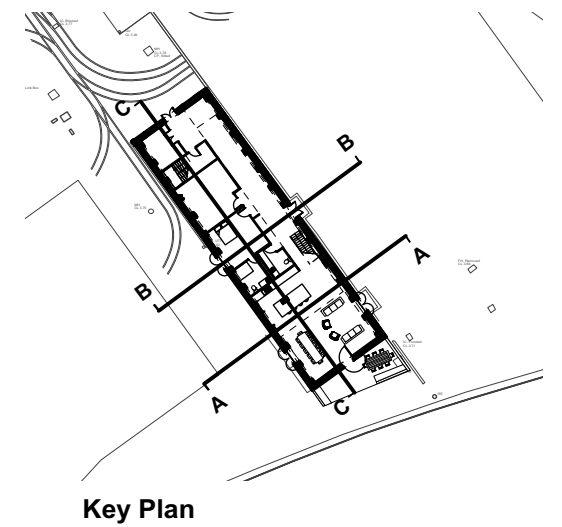




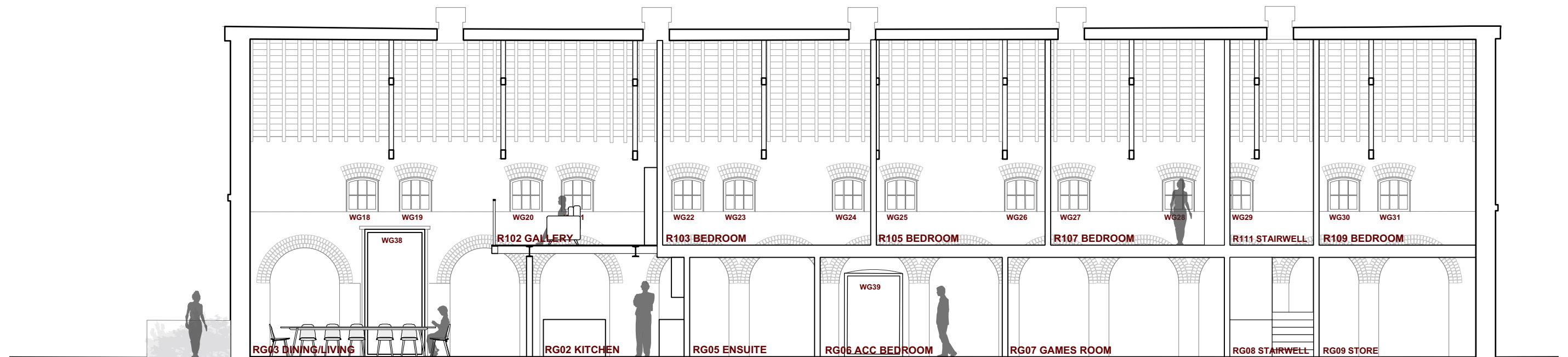
Section A-A



Section B-B



Key Plan



Section C-C

Revisions: P1 For Information 22/02/19
P2 Preliminary Issue 14/03/19



PROJECT: **Priddys Hard Regeneration**

SHEET: **Sections As Proposed**

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DRAWING NO: **A1015 Q 330**

SCALE: **1:100**

REV: **P2**

DATE: **Feb 18**

PRELIMINARY

PRITCHARD
ARCHITECTURE

Porters Lodge, College Road
HM Naval Base, Portsmouth, P01 3LJ
email: studio@pritchardarchitecture.co.uk

Element/Building:

Element (VIII)/Building M

Nature and quantum:

Change of Use.

Restaurant in the former exhibition and conference centre.

Existing Ground Level/ Ground Floor Level:

Ex GFL @3.30-3.51 AOD

Existing building.

Design Lifespan:

Non residential = 60 years ie to 2079_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2079 _{AD} tidal	Site lies within 0.5%AEP +CC flood level
Pathway	Overtopping of existing seawall to the east
Mitigation	Building would be protected by flood defence brought forward in subsequent phase
Fluvial	NA tidally governed site
Groundwater	NA 2079 _{AD} Mean Sea Level including CC 0.70m AOD is well below site GLs
Sewers	The existing sewer system within the museum area is not considered to be in a critical condition in terms of lifespan to 2029 _{AD} . A new spine sewer system will be required to connect the subsequent phase to the modern public sewer network in Searle Drive.
Surface water	Building located in an area of relatively flat hardscape. Surface water tide lock tank will be required in subsequent phase when long term flood defence is in place. Sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period would be required.

Flood Risk Strategies employed and Residual Risk:Direct Risk

- GFL raised slightly to 3.52m AOD
- Implement Flood Warning and Evacuation Plan.
- Tide lock runoff tank to be brought forward in subsequent phase. At present the direct risk is tidal. Tide lock of surface water would become relevant when a flood wall is brought forward in the subsequent phase.

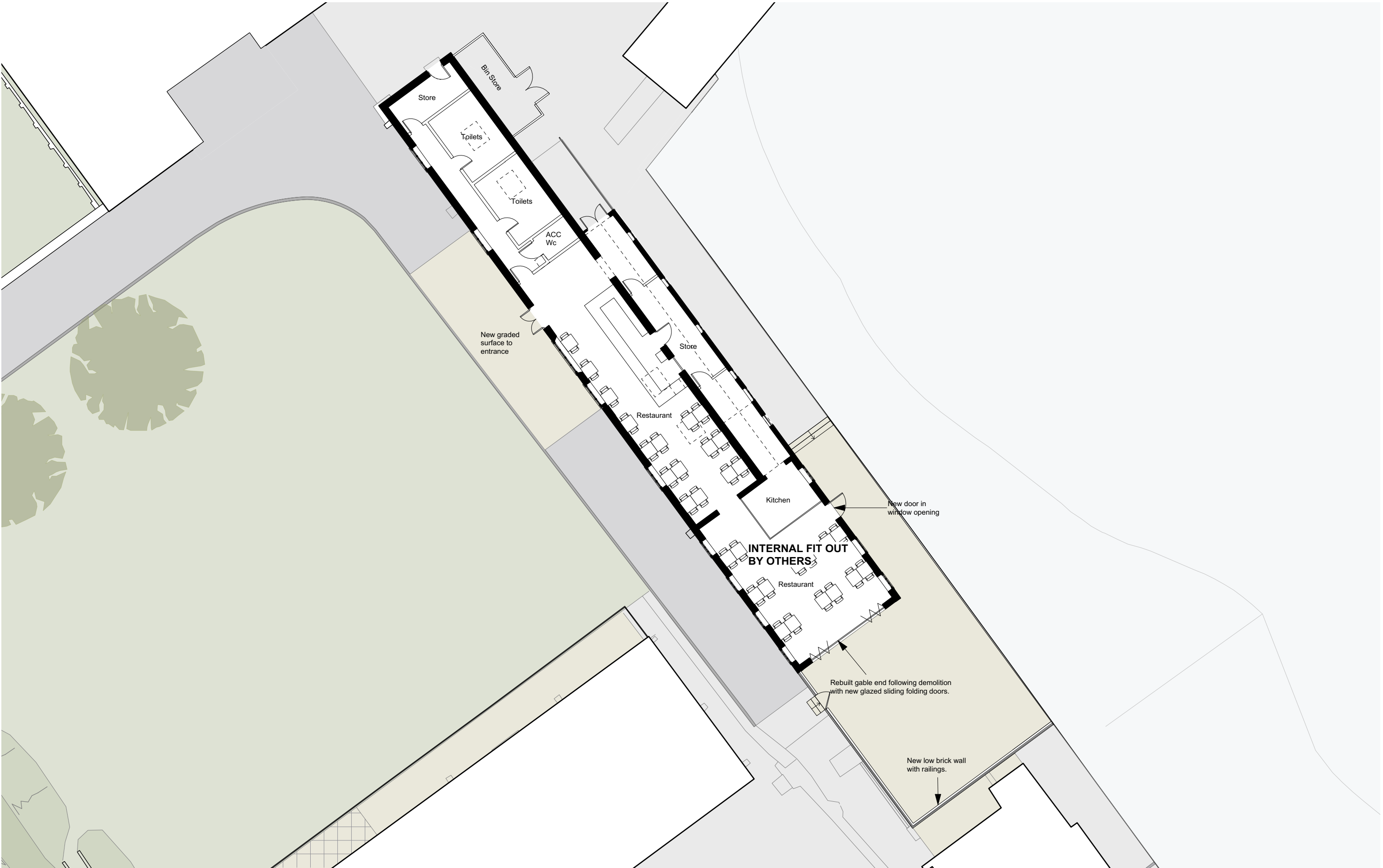
Residual Risk

- Risk is direct

Direct and residual risk strategies will be revised accordingly at application stage for the subsequent development stage and flood defence proposals. There is no opportunity for an upper floor so in due course the 2119_{AD} residual risk strategy would be reliant upon implementation of a Flood Warning and Evacuation Plan.

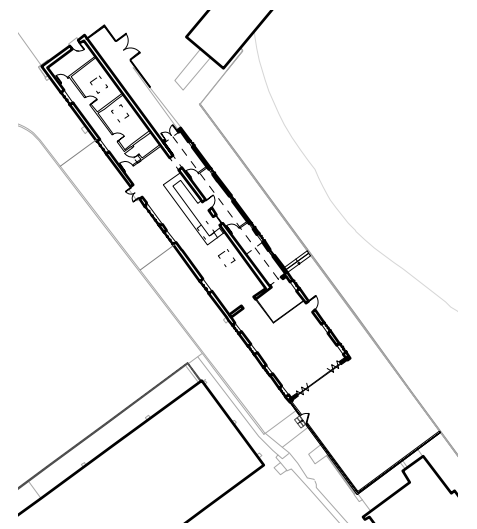
Key drawings (attached) of proposed arrangement:

PA drawing	A1015-M221-P2	plans
PA drawing	A1015-M320-P2	elevations

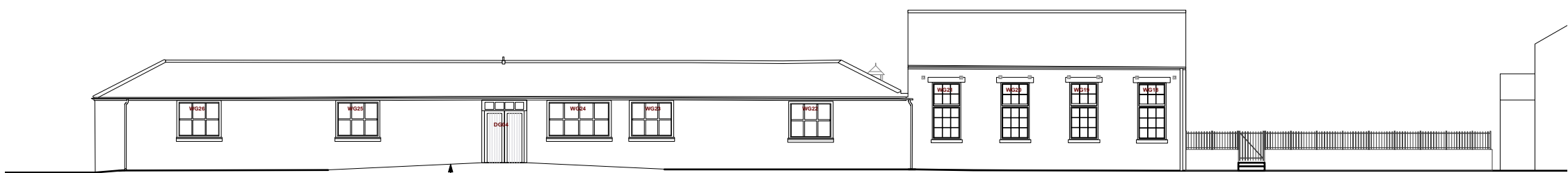




North East Elevation
1:200 @ A3
0 1 2 3 4 5 M



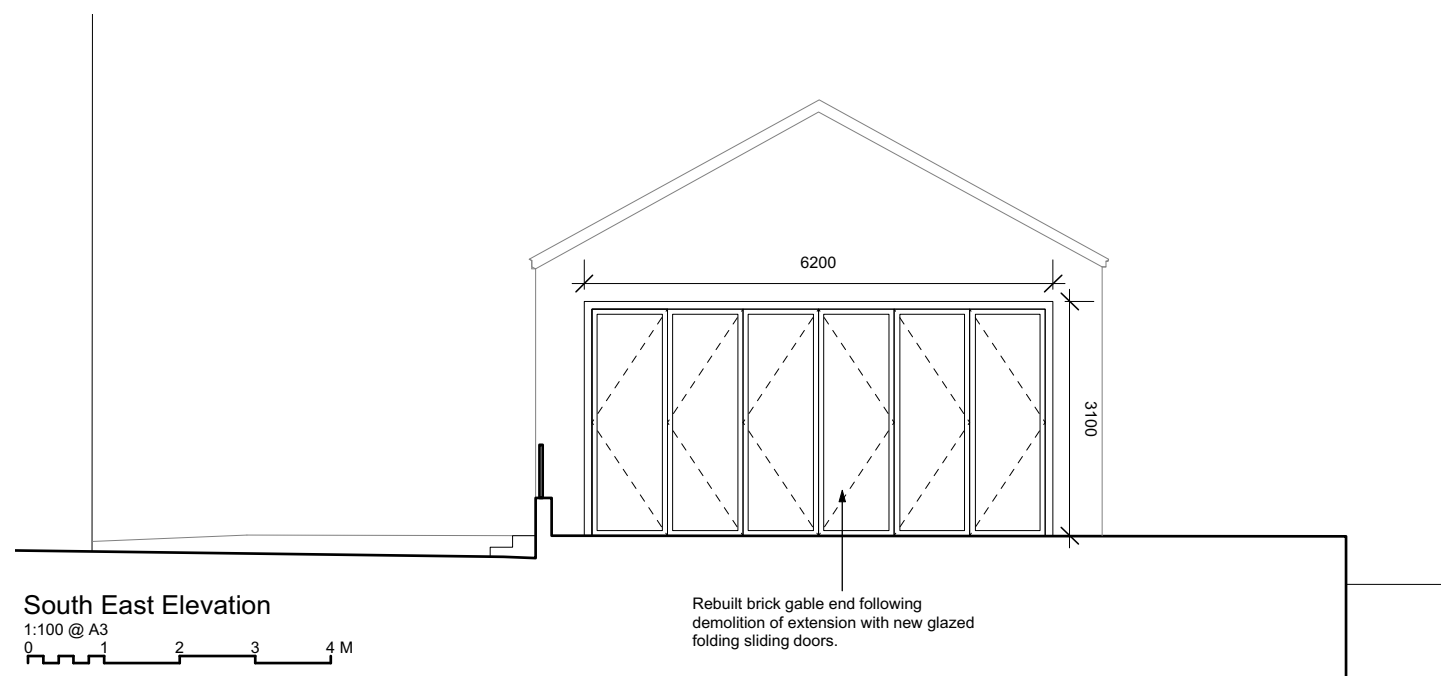
Key Plan



South West Elevation
1:200 @ A3
0 1 2 3 4 5 M



North West Elevation
1:100 @ A3
0 1 2 3 4 M



South East Elevation
1:100 @ A3
0 1 2 3 4 M

PLANNING

Revisions:	P1	Preliminary Issue	11/03/19
	A	For Planning	20/03/19
		Preliminary Issue	26/03/19



PROJECT: **Priddys Hard Regeneration**

SHEET: **Proposed Elevations**

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DRAWING NO: **A1015 M 320**

SCALE: **Varies**

REV: **P2**

DATE: **March 19**

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Element/Building:

Element (IX)/Building U

Nature and quantum:

Change of Use.

Holiday accommodation in the former sifting house.

Existing Ground Level/ Ground Floor Level:

Ex GL @3.20m AOD on access

Existing building GFL 3.20m AOD

Design Lifespan:

Residential = 100 years ie to 2119_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies at 0.5% AEP flood level
2029 _{AD} tidal	Site lies within 0.5%AEP +CC flood level
2119 _{AD} tidal	Site lies above 0.5%AEP +CC flood level
Pathway	Overtopping of existing seawall to the east
Mitigation	To 2029 _{AD} cancel any bookings to ensure building would be unoccupied. Interim flood defence bank to the north and property level protection to resist water penetration and to increase interim resilience as acceptable to heritage. Beyond 2029 _{AD} does not form part of the current permission/application as this has been limited to a 10 year change of use. The subsequent development phase for the site would include a long-term flood defence to service this building. Details of that will be brought forward with the subsequent application
Fluvial	NA tidally governed site
Groundwater	NA 2119 _{AD} Mean Sea Level including CC 1.25m AOD is well below site GLs
Sewers	The existing sewer system within the museum area is not considered to be in a critical condition in terms of lifespan to 2029 _{AD} . A new spine sewer system will be required to connect the subsequent phase to the modern public sewer network in Searle Drive
Surface water	Surface water tide lock tank will be required in subsequent phase when long term flood defence is in place. Sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period would be required.

Flood Risk Strategies employed and Residual Risk:Direct Risk

- Subscription to Flood Warnings Direct; cancellation of holiday bookings/ implement Flood Warning and Evacuation Plan
- Tide lock runoff tank to be brought forward in subsequent phase. At present the direct risk is tidal. Tide lock of surface water would become relevant when a flood wall is brought forward in the subsequent phase.

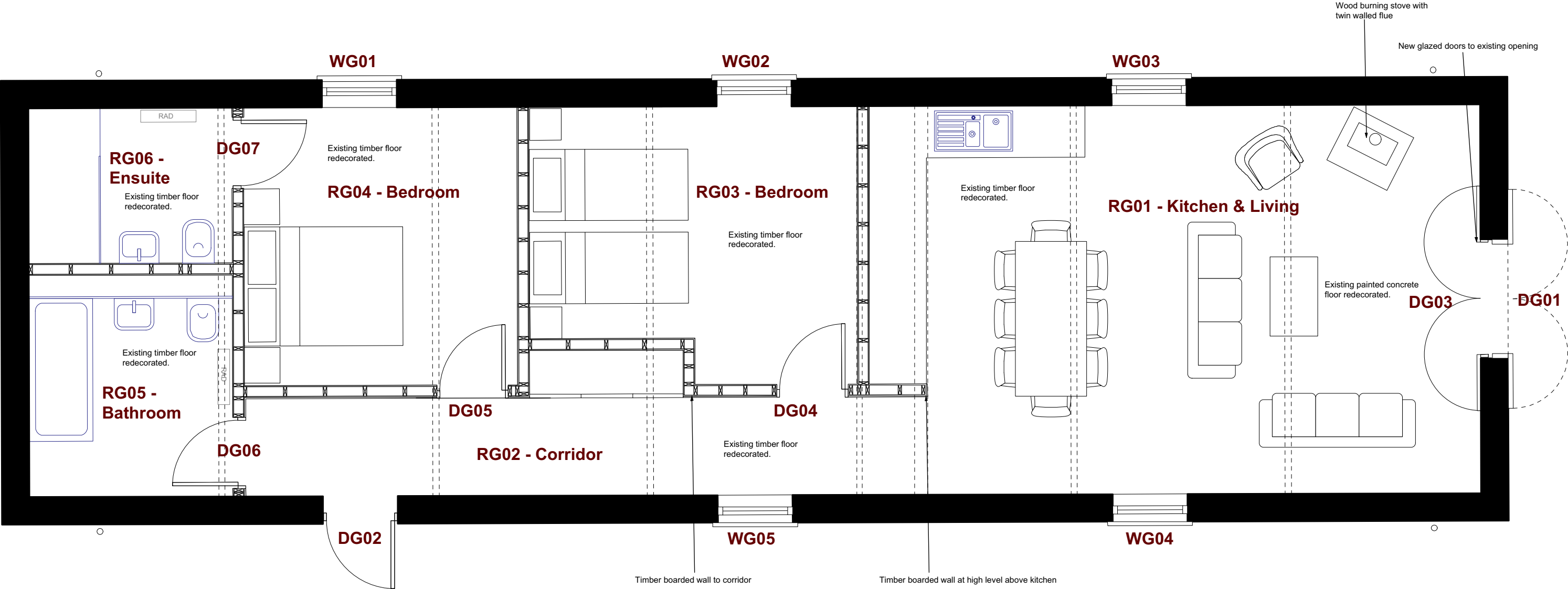
Residual Risk

- Risk is direct

Direct and residual risk strategies will be revised accordingly at application stage for the subsequent development stage and flood defence proposals. There is no opportunity for an upper floor so in due course the 2119_{AD} residual risk strategy would be reliant upon booking cancellation and implementation of a Flood Warning and Evacuation Plan.

Key drawings (attached) of proposed arrangement:

PA drawing	A1015-U221-P1	plans
PA drawing	A1015-U320-P1	elevations



Revisions: A For Flood Defence Works
P1 Preliminary Issue

23/01/19
14/03/19



PROJECT: **Priddys Hard Regeneration**
SHEET: **Ground floor plan as proposed**

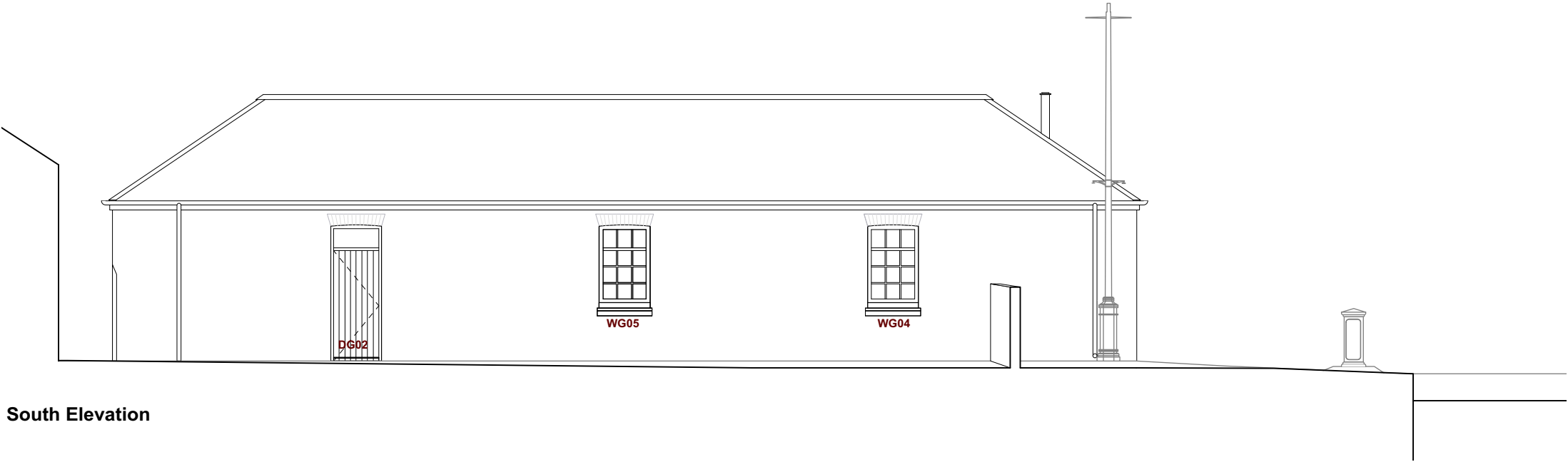
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DRAWING NO: **A1015 U 221**
SCALE: **1:50**
REV: **P1**
DATE: **March 19**

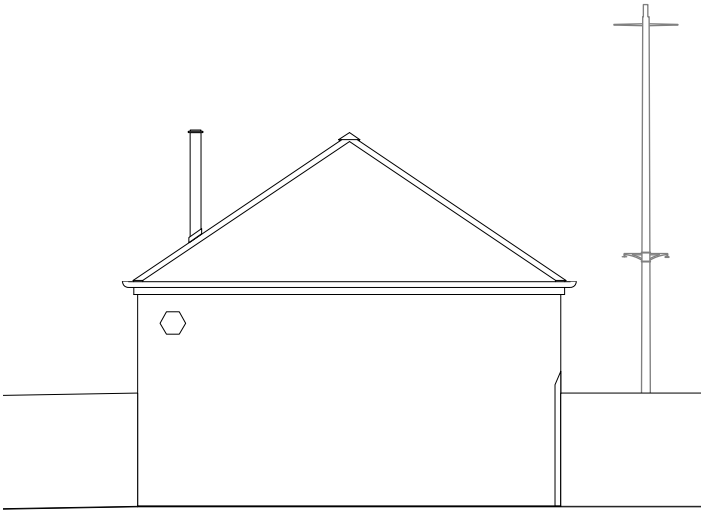
0 1 2 3 4 M

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HM Naval Base, Portsmouth, P01 3LJ
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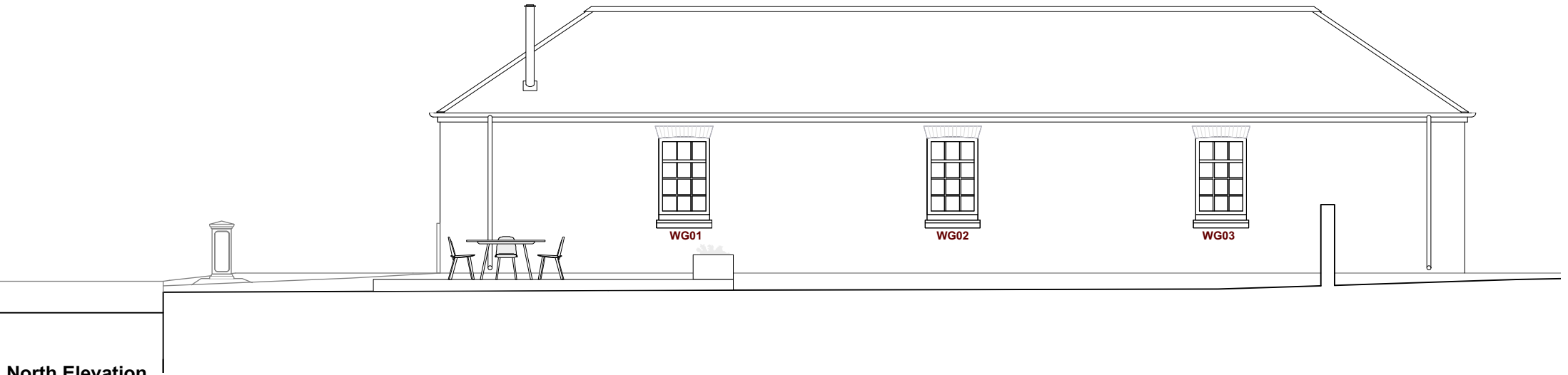




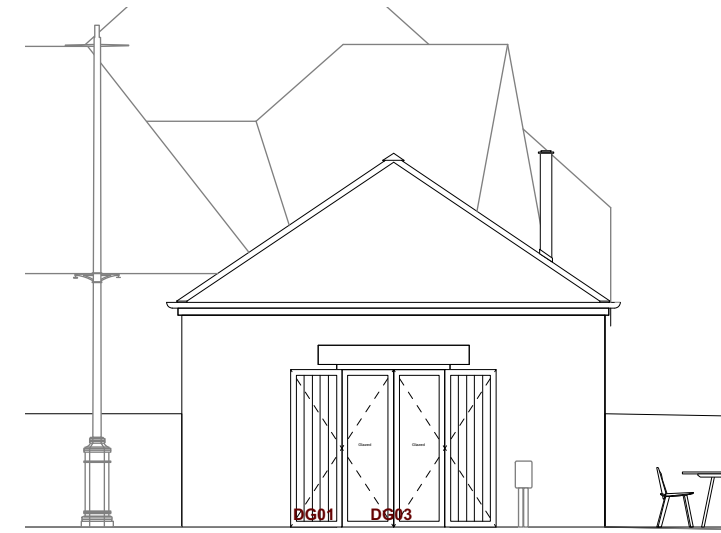
South Elevation



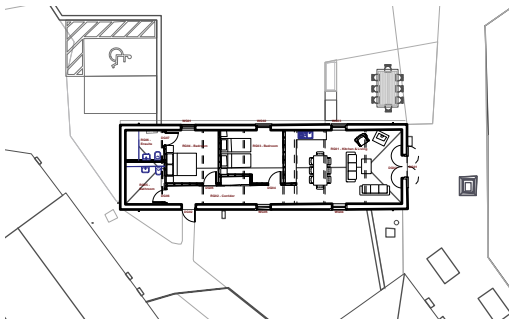
West Elevation



North Elevation



East Elevation



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Revisions: P1 Preliminary Issue 14/03/19

PROJECT: **Priddys Hard Regeneration**

SHEET: **Proposed Elevations**

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DRAWING NO: **A1015 U 320**

SCALE: **1:100**

0 1 2 3 4 M

REV: **P1**

DATE: **March 19**



Element/Building:

Element (X)/Building P

Nature and quantum:

Change of Use.

Coastal forces museum in the former mines and countermeasures store.

Existing Ground Level/ Ground Floor Level:

Ex GL @3.80 AOD

Existing building GFL 3.87m AOD.

Design Lifespan:

Non residential = 60 years ie to 2079_{AD}

Flood sources and pathways over design lifetime and mitigation:

Current tidal	Lies above 0.5% AEP flood level
2079 _{AD} tidal	Site lies at 0.5%AEP +CC flood level
Pathway	Overtopping of existing seawall to the east
Mitigation	Building would be protected by flood defence brought forward in subsequent phase
Fluvial	NA tidally governed site
Groundwater	NA 2079 _{AD} Mean Sea Level including CC 0.70m AOD is well below site GLs
Sewers	The existing sewer system within the museum area is not considered to be in a critical condition in terms of lifespan to 2029 _{AD} . A new spine sewer system will be required to connect the subsequent phase to the modern public sewer network in Searle Drive.
Surface water	Surface water tide lock tank will be required in subsequent phase when long term flood defence is in place. Sufficient storage to accommodate run off during a 2119 _{AD} 0.5%AEP tide lock period would be required.

Flood Risk Strategies employed and Residual Risk:Direct Risk

- Implement Flood Warning and Evacuation Plan.
- New upper walkway has capability for safe refuge (tidal flood peak levels would be of short duration)
- Tide lock runoff tank to be brought forward in subsequent phase. At present the direct risk is tidal. Tide lock of surface water would become relevant when a flood wall is brought forward in the subsequent phase.

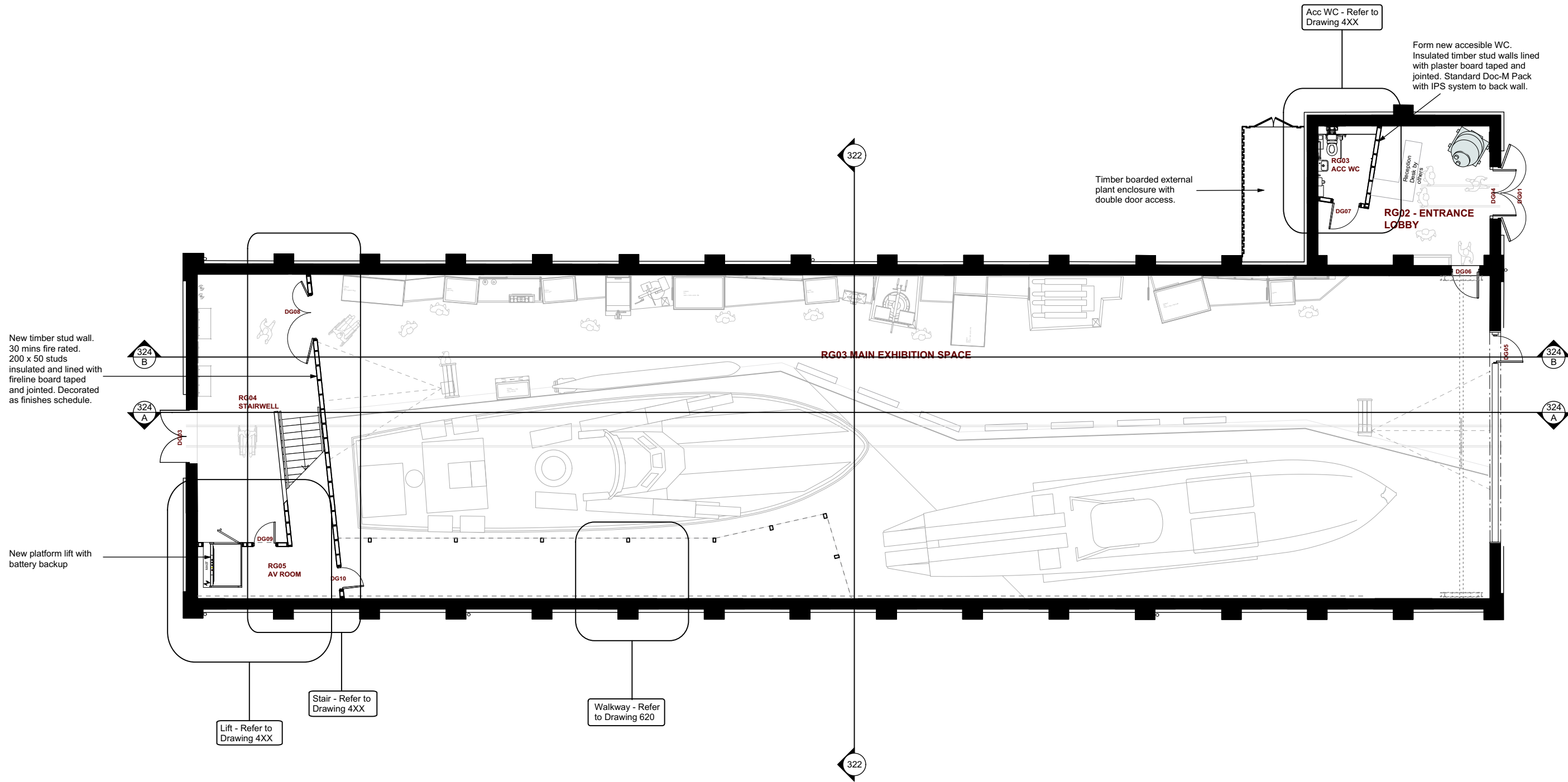
Residual Risk

- Risk is direct

Direct and residual risk strategies will be revised accordingly at application stage for the subsequent development stage and flood defence proposals.

Key drawings (attached) of proposed arrangement:

PA drawing	A1015-P221-P3	plans
PA drawing	A1015-P322-P2	section



Revisions:	P1	For Information	21/02/19
	P2	Preliminary Issue	11/03/19
	P3	VEU	24/04/19



PROJECT: **Priddy's Hard Regeneration**

SHEET: **Ground Floor GA Plan**

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DRAWING NO: **A1015 P 221**

SCALE: **1:150**

REV: **P3**

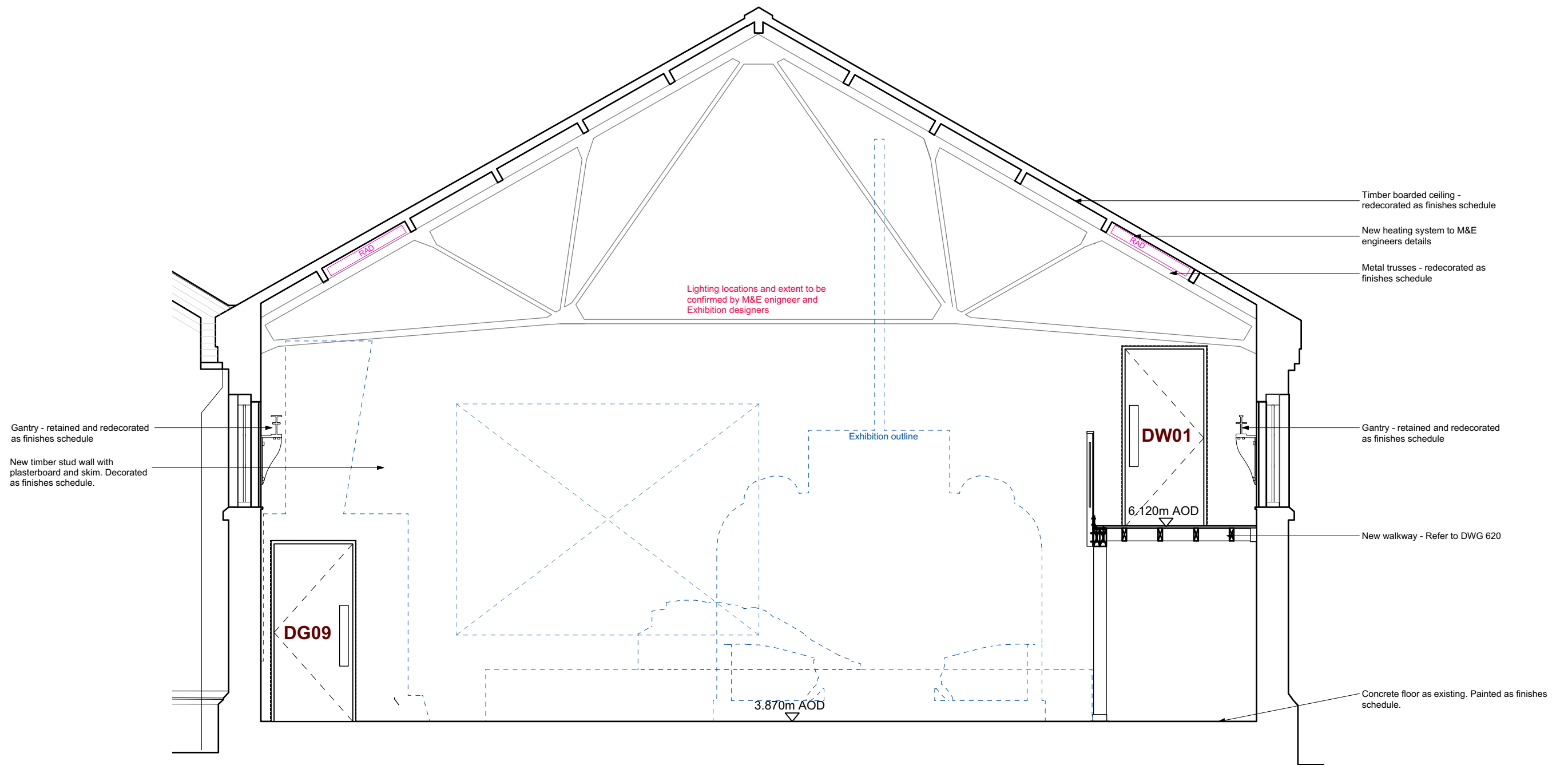
DATE: **August 18**

0 2 4 6 8 10 M

PRELIMINARY

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Revisions:	P1	For Information	21/02/19
	P2	Preliminary Issue	11/03/19



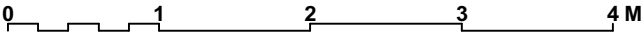
PROJECT: **Priddys Hard Regeneration**

SHEET: **Cross Sections as Proposed**

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DRAWING NO: **A1015 P 322**

SCALE: **1:50**



REV: **P2**

DATE: **Jan 19**

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