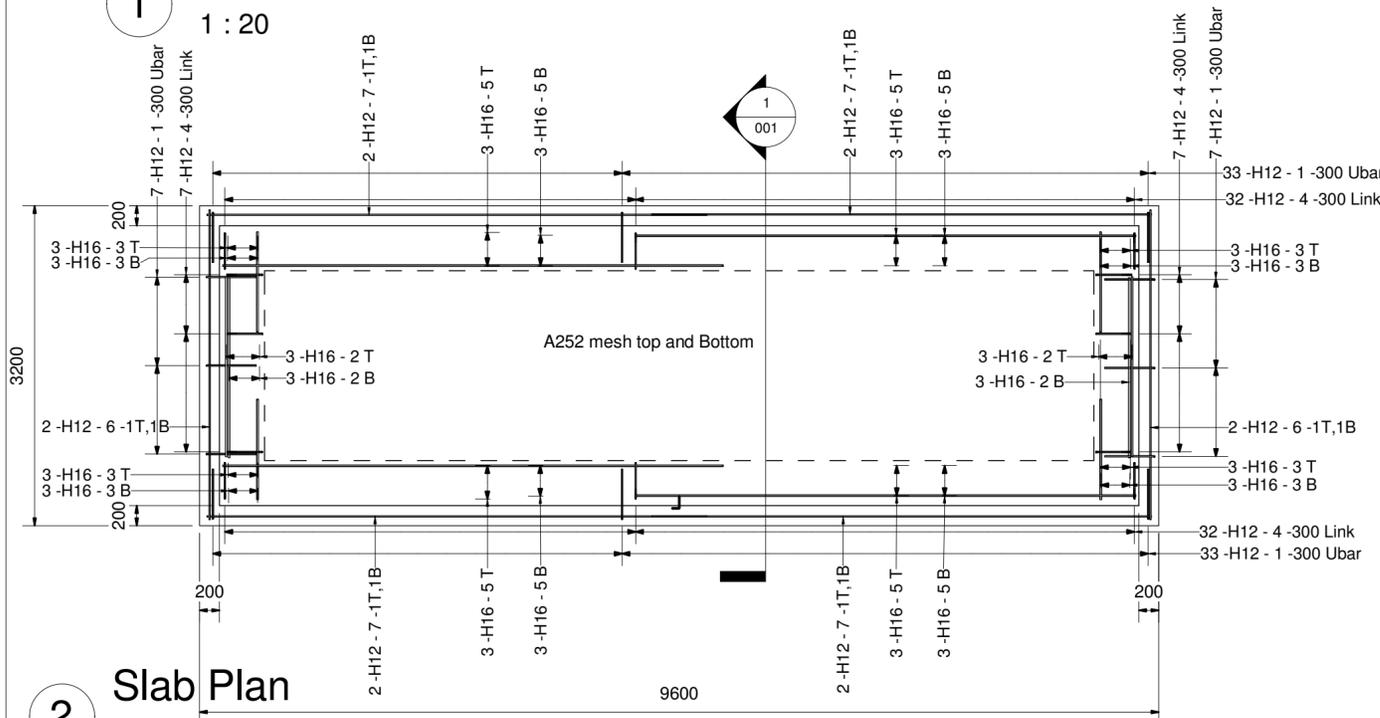


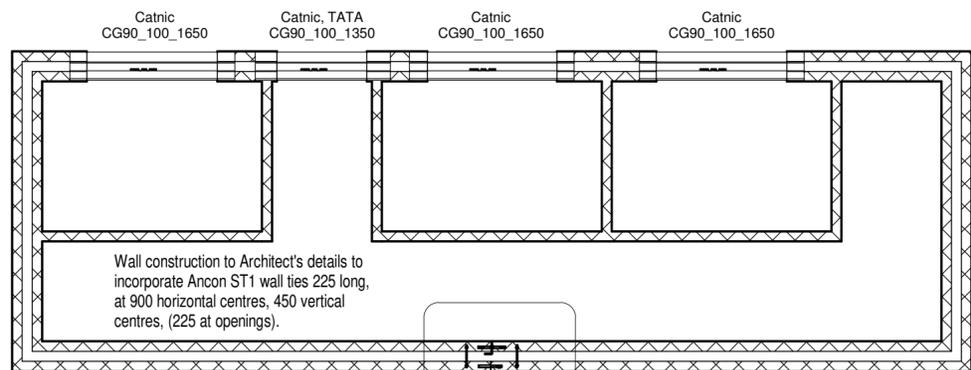
Section 1

1 : 20



Slab Plan

1 : 50



Wall Plan

1 : 50

Concrete Notes:

All Workmanship and materials to be in accordance with the requirements of the current versions of BS EN 1992.

All reinforced concrete foundations to be Mix Designation RC32/40

All Mix Designations to be in accordance with the current versions of BS8500 and BS EN 206

All concrete, unless noted otherwise, to be manufactured using Ordinary Portland Cement, and should contain no additives or admixtures except as approved by the Engineer.

All foundations designed for a safe ground bearing pressure of 50kN/m² net.

Any obstructions found, old foundations, sewers etc. shall be removed for the extent of the foundation works and back filled to the approval of the engineer/building control.

Any disturbed material beneath foundations to be removed and replaced by mass concrete.

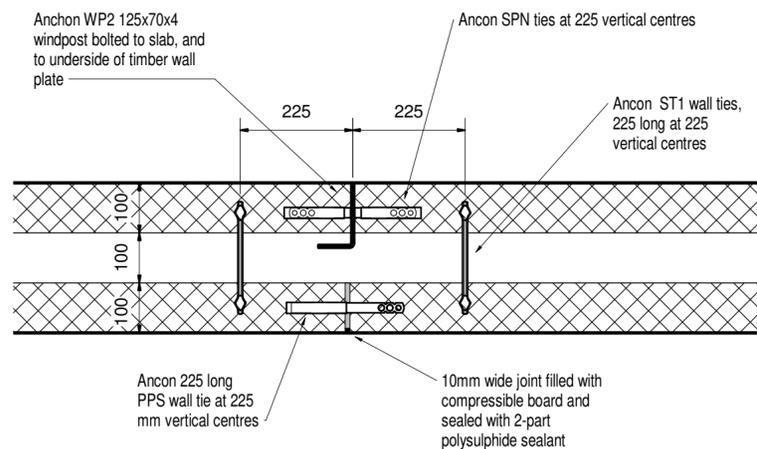
Bottoms of all foundation excavations must generally be examined by engineer/building control before concrete is cast.

Reinforcement Notes:

- This drawing to be read in conjunction with Architects and all other relevant drawings.
- The minimum cover to reinforcement to be 40mm, except where noted otherwise.
- The reinforcement detailed on this drawing is scheduled on bar list no. C2521-RC001, sheet 1
- Total area of BS Ref. A252 mesh required = 52m². (No allowance made for laps, cutting to waste, etc).
- The following abbreviations apply to this drawing:
H12 - Round high yield deformed bar type 2, fy=500N/mm².

T - Top
B - Bottom

Services
Details of incoming services and drainage positions by others



4

Wall Movement Joint Detail

1 : 10

General Notes:

- The drawings, design and all information contained herein are the sole copyright of HSP Consulting (HSP) and reproduction in any form is forbidden unless permission is obtained in writing.
- This drawing is to be read in conjunction with all other relevant Architects, Engineers and specialists drawings, details and specifications.
- Conflicting information shown on the HSP drawings or discrepancies between the information given by HSP and that provided by others must be referred to HSP before work proceeds.
- Dimensions must not be scaled from this drawing. Dimensions marked 'dimension to be site checked' are subject to confirmation by site measurement before construction proceeds.
- Subcontractor surveys, such as for the purposes of steelwork installation, take precedence over 'site dimensions' indicated on this drawing. All surveys should ensure an accurate fit of components.
- Temporary works associated with the construction of the project shall be the responsibility of the Principal Contractor.
- Where any temporary works or scaffolding are required the Principal Contractor shall appoint a competent and suitably experienced Temporary Works Coordinator (TWC). Refer to BS 5975 for guidance on temporary works and the role of a TWC.
- Calculations and drawings of all Contractor designed structural items associated with HSP's design responsibilities shall be submitted to the Engineer for comment at least 10 days prior to manufacture. Any comments made by HSP do not absolve the Contractor of his design responsibilities.

B	21/04/17	Masonry Details added.	BH
A	19/04/17	First Issue	BH
REV	DATE	AMENDMENT	BY

STATUS **Construction**

CLIENT

Gleeds

PROJECT

Public Toilet Proposal
Wilton Road

DRAWING TITLE

Raft Foundation Details

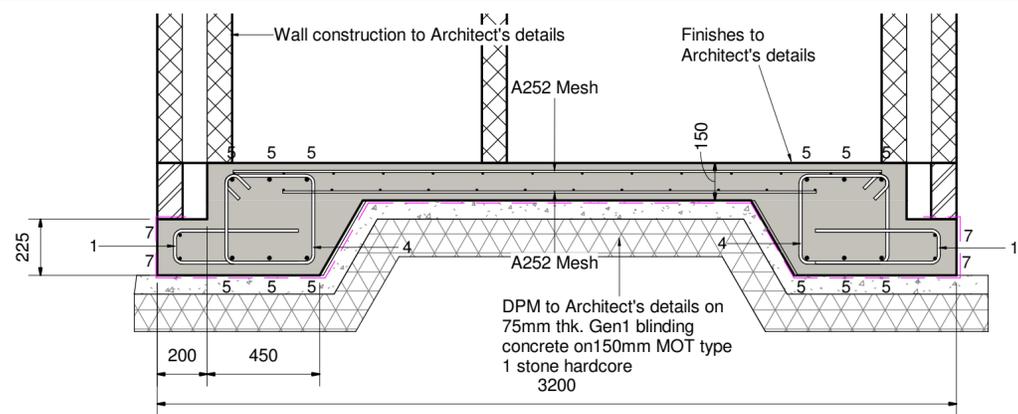


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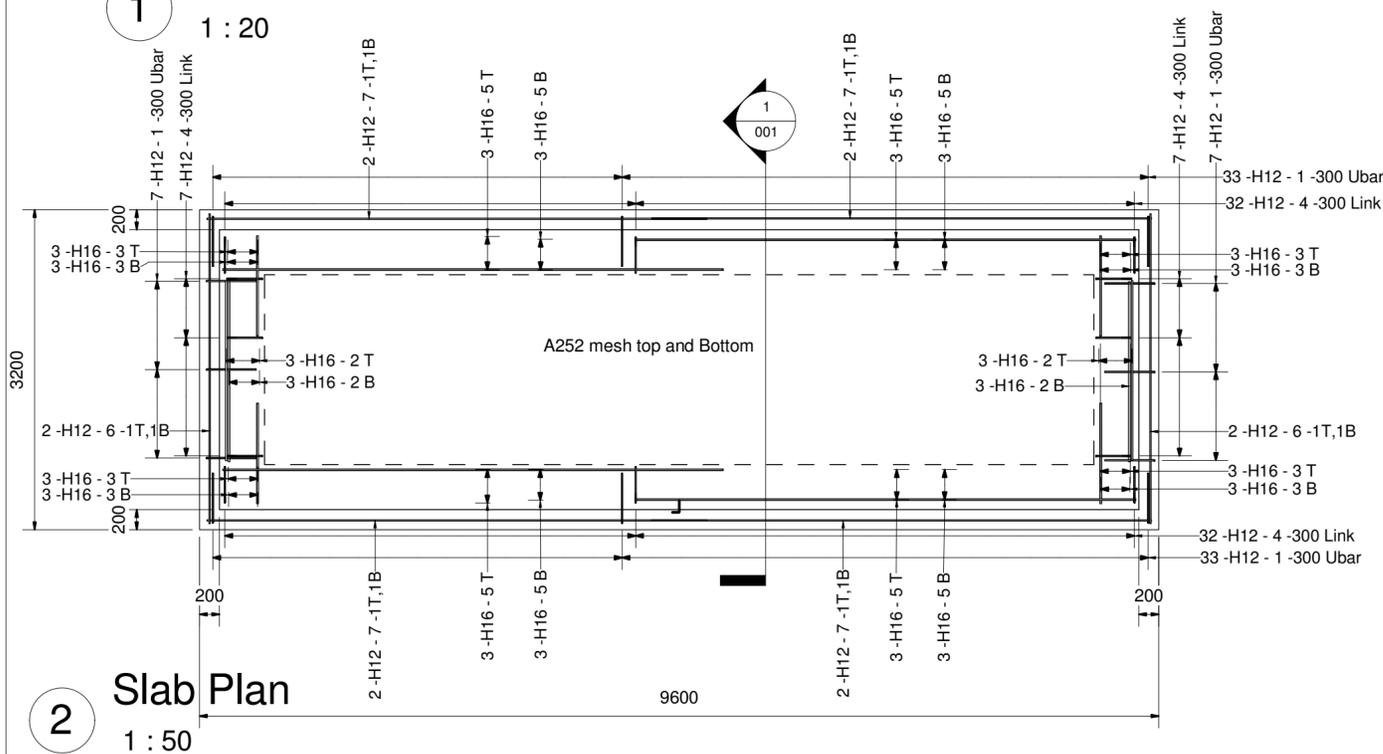
SCALE As indicated SHEET SIZE A2

DATE 18/04/17 DRAWN BHepworth CHECKED RB

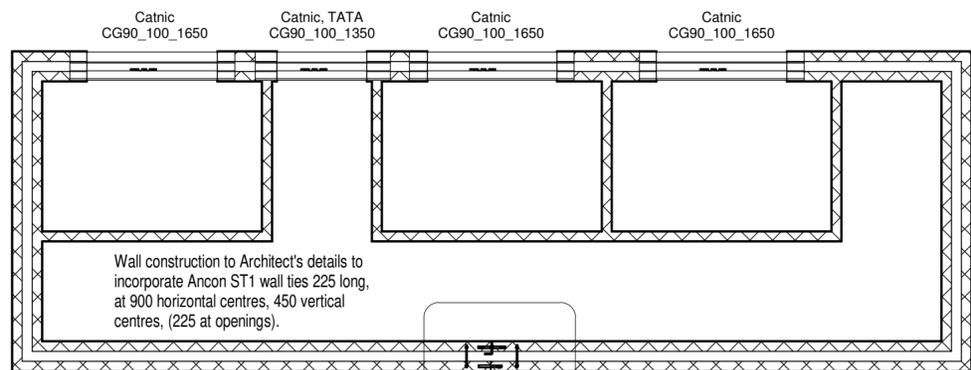
PROJECT NO. C2521 DRAWING NO. 001 REV B



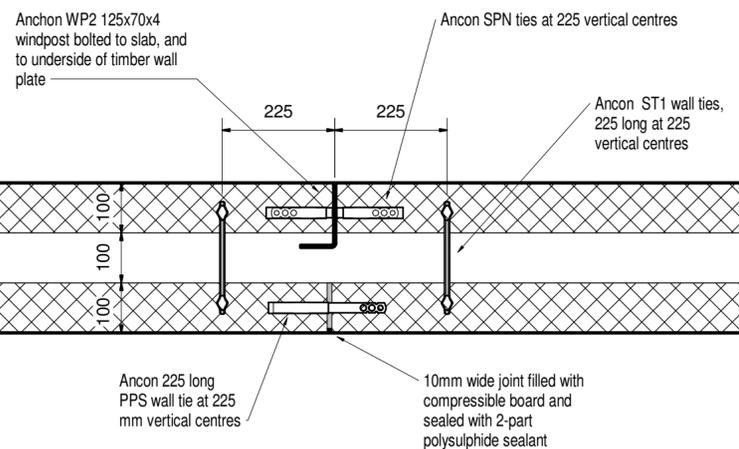
1 Section 1
1 : 20



2 Slab Plan
1 : 50



3 Wall Plan
1 : 50



4 Wall Movement Joint Detail
1 : 10

Concrete Notes:

All Workmanship and materials to be in accordance with the requirements of the current versions of BS EN 1992.

All reinforced concrete foundations to be Mix Designation RC32/40

All Mix Designations to be in accordance with the current versions of BS8500 and BS EN 206

All concrete, unless noted otherwise, to be manufactured using Ordinary Portland Cement, and should contain no additives or admixtures except as approved by the Engineer.

All foundations designed for a safe ground bearing pressure of 50kN/m² net.

Any obstructions found, old foundations, sewers etc. shall be removed for the extent of the foundation works and back filled to the approval of the engineer/building control.

Any disturbed material beneath foundations to be removed and replaced by mass concrete.

Bottoms of all foundation excavations must generally be examined by engineer/building control before concrete is cast.

Reinforcement Notes:

1. This drawing to be read in conjunction with Architects and all other relevant drawings.
2. The minimum cover to reinforcement to be 40mm, except where noted otherwise.
3. The reinforcement detailed on this drawing is scheduled on bar list no. C2522-RC001, sheet 1
4. Total area of BS Ref. A252 mesh required = 52m². (No allowance made for laps, cutting to waste, etc).
5. The following abbreviations apply to this drawing:
H12 - Round high yield deformed bar type 2, fy=500N/mm².

T - Top
B - Bottom

General Notes:

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B	21/04/17	Masonry Details added.	BH
A	19/04/17	First Issue	BH
REV	DATE	AMENDMENT	BY

STATUS Construction

CLIENT

Gleeds

PROJECT

Public Toilet Proposal
St Mary's Way

DRAWING TITLE

Raft Foundation Details

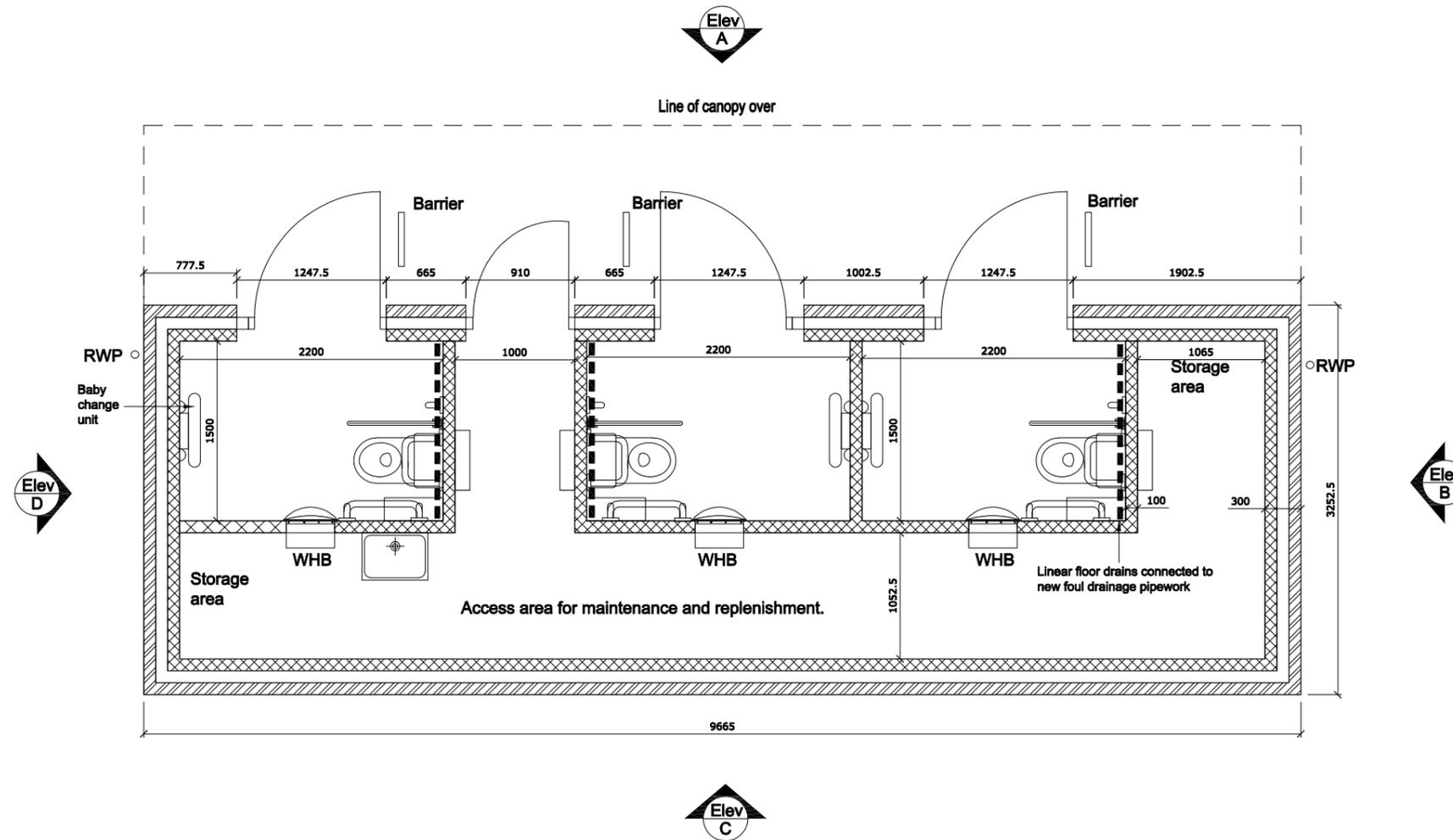


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DATE 18/04/17 DRAWN BHepworth CHECKED RB

PROJECT NO. C2522 DRAWING NO. 001 REV B



Rev.	Description	By	Date
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Client



**Melton
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Council**

Project
**Public Toilet Proposal
 St Mary's Way**

Drawing Title
Proposed Plan

Drawing No. **NTBS2617 / SMW-02**

Scale **1:50** Original Sheet Size A3

Drawing Status			
Drawn	SA	Checked	MS
Date	02/2017	Rev.	

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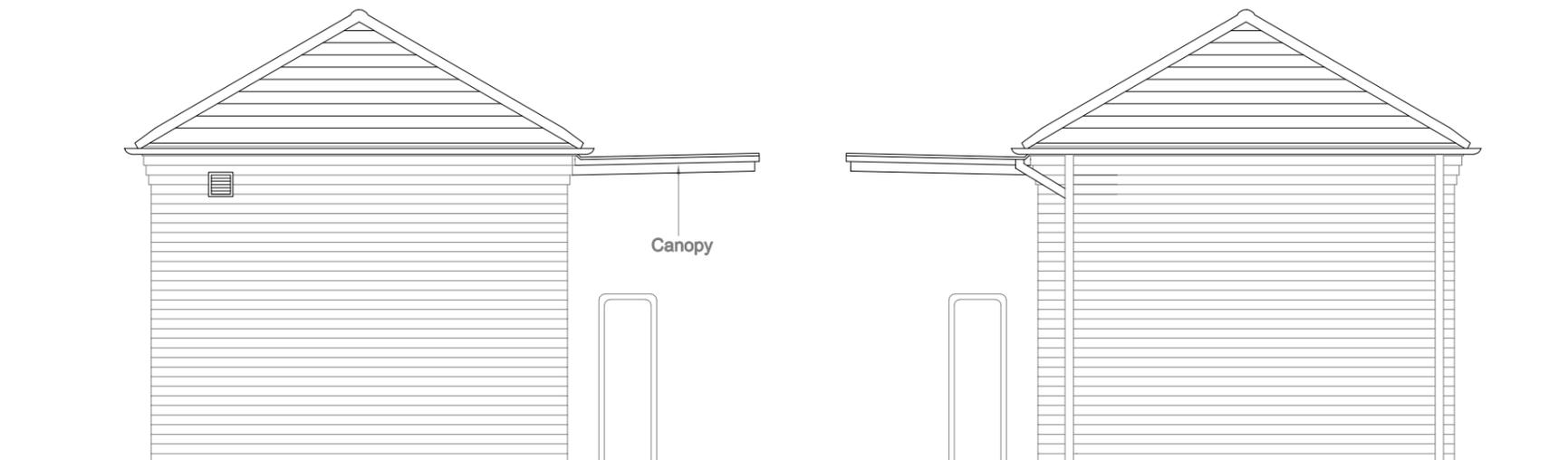
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Elevation A



Elevation C



Elevation B

Elevation D

Rev.	Description	By	Date
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Project
**Public Toilet Proposal
 St Mary's Way**

Drawing Title
Proposed Elevations

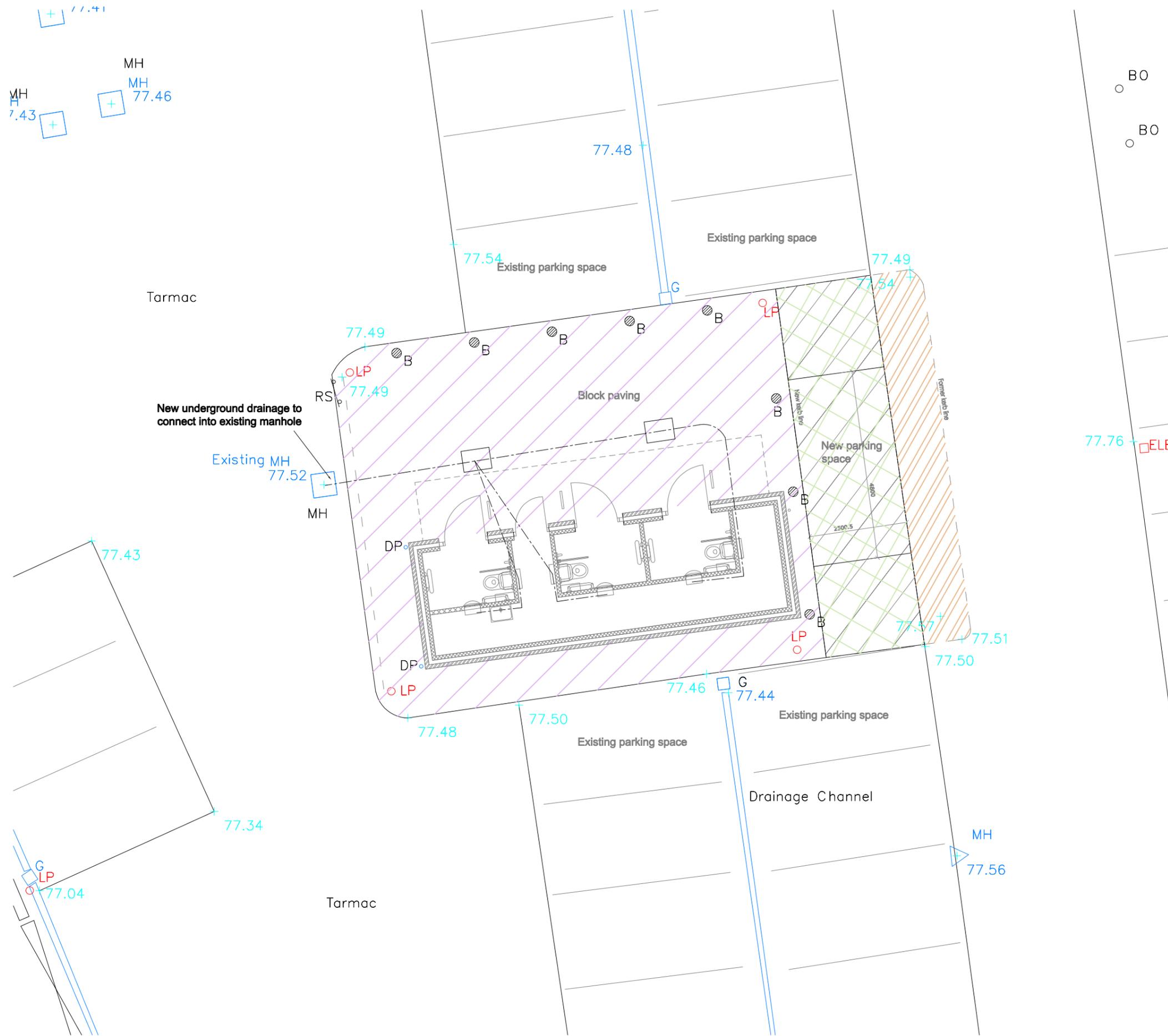
Drawing No. **NTBS2617 / SMW-03**

Scale **1:50** Original Sheet Size A3

Drawing Status			
Drawn	SA	Checked	MS
Date	02/2017	Rev.	A



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	Block paving - light - medium duty
	Block paving - medium duty
	Make good tarmac road surface
	New bollards

Rev.	Description	By	Date
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Client



Melton Borough Council

Project
**Public Toilet Proposal
 St Mary's Way**

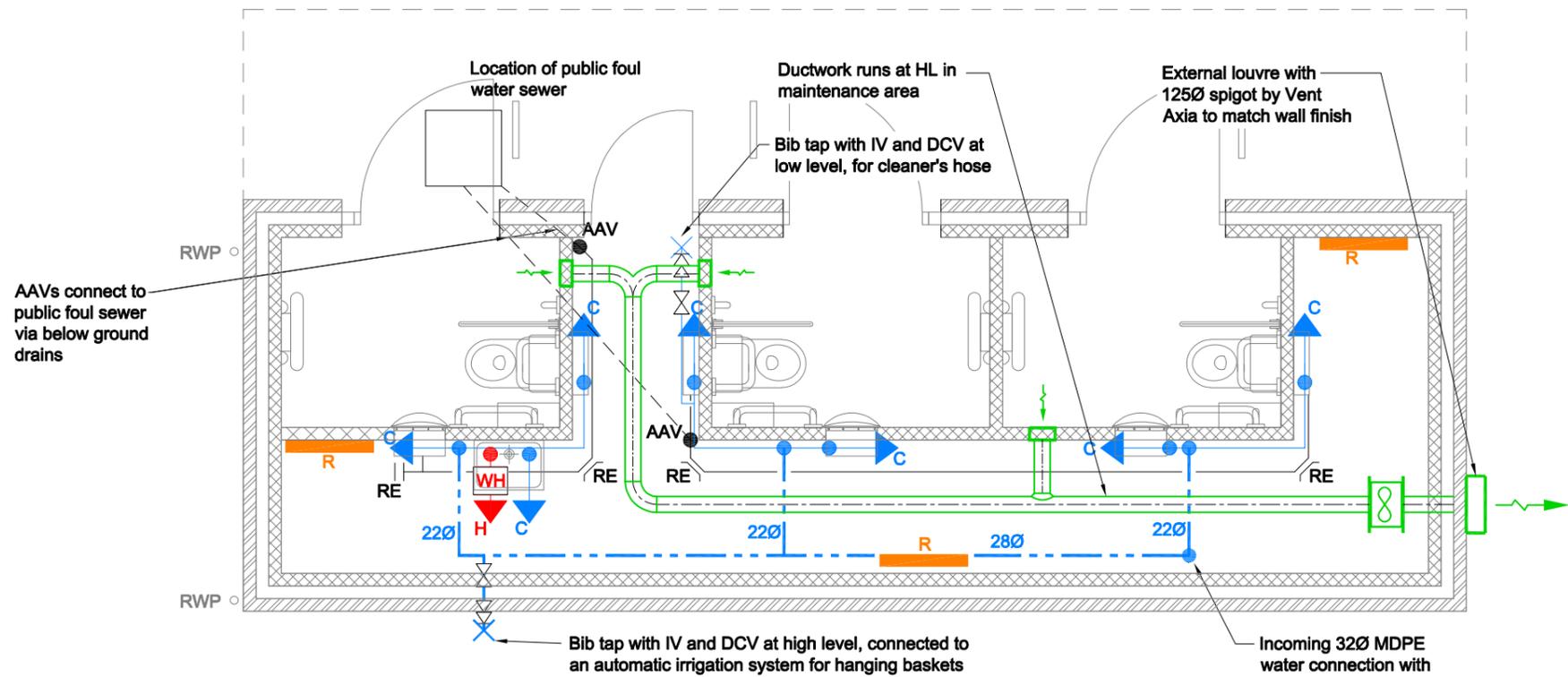
Drawing Title
Proposed Site Plan

Drawing No. **NTBS2617 / SMW-05**
 Scale **1:100** Original Sheet Size A3

Drawing Status	
Drawn SA	Checked MS
Date 02/2017	Rev.



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- Notes**
1. This drawing to be read in conjunction with all other project drawings
 2. This drawing to be read in conjunction with latest revision of the specification
 3. Sizes and positions of services on this drawing are indicative, for pricing only on a design & build basis.
 4. Pipework to be drained down, flushed through, chlorinated, refilled and tested on completion
 5. Water pipework to have drain cocks at all low points
 6. All final connections to sanitaryware to be provided with isolation valves
 7. Refer to specification for details of pipework material and insulation, and supports, as well as wiring types and containment
 8. All AAVs to be located above the spillover level of the highest appliance it is connected to
- Legend**
- Pipework in ceiling void/high level
 - Pipework at low level
 - Pipework rising or dropping
 - Cold water connection
 - Hot water connection
 - WH Electric stored water heater
 - Isolation valve
 - Check valve
 - Double check valve
 - R 1kW electric radiator
 - Vent Axia Lo Carbon Multivent extract fan providing constant extract
 - Drainage pipework at low level
 - AAV Air Admittance Valve
 - RE Rodding Eye (left - end of run) (right - on pipe bend)

- Notes**
1. This drawing to be read in conjunction with all other project drawings
 2. This drawing to be read in conjunction with latest revision of all architect's and structural engineer's drawings
 3. Positions of services on this drawing are indicative, for pricing only on a design & build basis
- Legend**
- 2 Double gang switched socket outlet
 - Fused connection unit:
 - DL 3A for door lock/coin pay unit
 - EF 3A at high level/ceiling void for extract fan
 - F 3A for automatic WC flush
 - R 5A for electric radiator
 - W 13A for Wallgate Disabled Spec Thrii wash hand dryer
 - WH 13A for instantaneous electric water heater
 - 1200mm surface mounted batten luminaire (E = emergency fitting)
 - Recessed circular downlight with integral emergency fitting
 - Surface mounted circular IP65 wall light with integral emergency
 - Light switch
 - Passive infra-red occupancy sensor
 - Pan, Tilt, Zoom CCTV camera
 - Smoke detector with integral sounder and beacon
 - Disabled Call sounder & beacon
 - Disabled Call pulchord

Proposed Mechanical Services

Current route of incoming mains cold water is not known - price for new connection from nearest water main

Rev.	Description	By	Date

Client

Melton Borough Council

Project
Public Toilet Proposal
St Mary's Way

Drawing Title
Proposed Mechanical Services
Proposed Electrical Services

Drawing No. **NTBS2617/SMW-06**

Scale **1:50** Original Sheet Size A3

Drawing Status

Drawn SA	Checked MS
Date 02/2017	Rev.

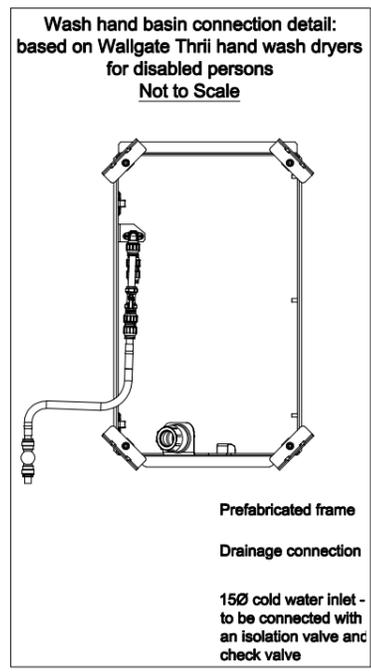
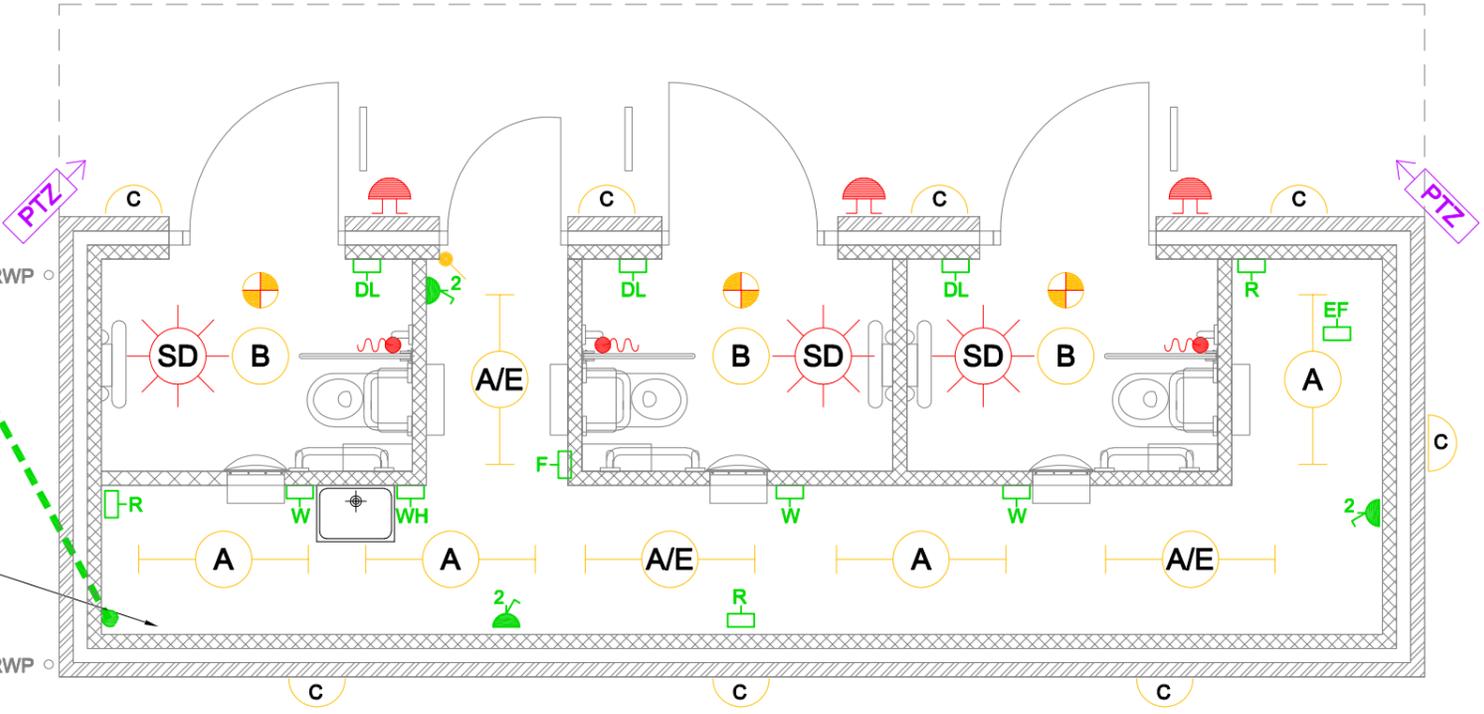
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Each door to have a flush mounted coin pay unit with contactless card payments, controlled by time lock & interfaces with disabled call and fire alarm

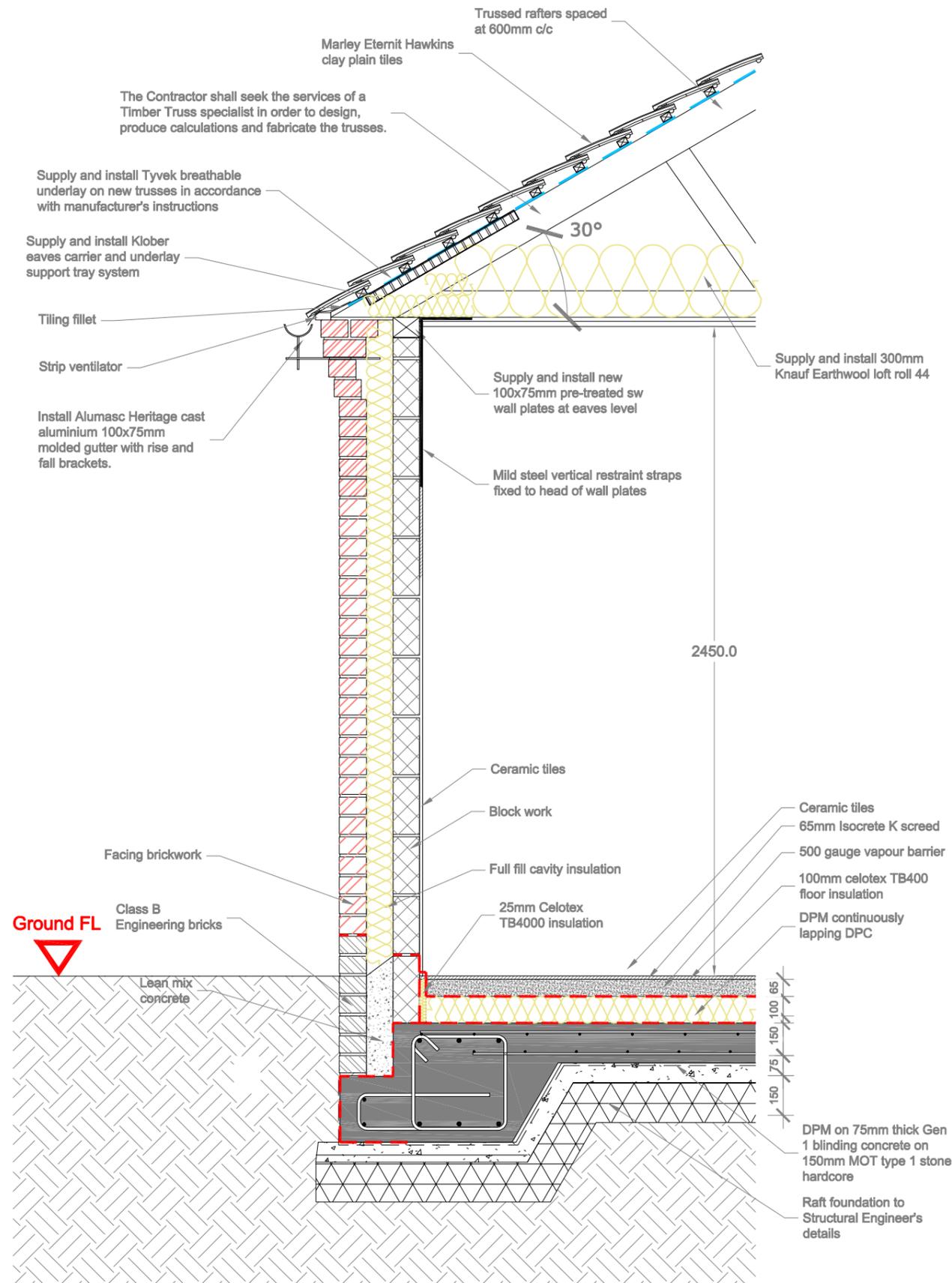
Existing street lamps to be retained

Current route of incoming electrical supply to be diverted to enter via side wall

- Mounted on this wall:
- PME single phase incoming supply
 - Distribution board
 - Disabled call alarm panel
 - Fire alarm panel
 - CCTV recording box
 - Door lock/coin pay power supply, interfaces with disabled call and fire alarm to fail safe on alarm activation



Proposed Electrical Services



Rev.	Description	By	Date
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Client



**Melton
Borough
Council**

Project

**Public Toilet Proposal
St Mary's Way**

Drawing Title

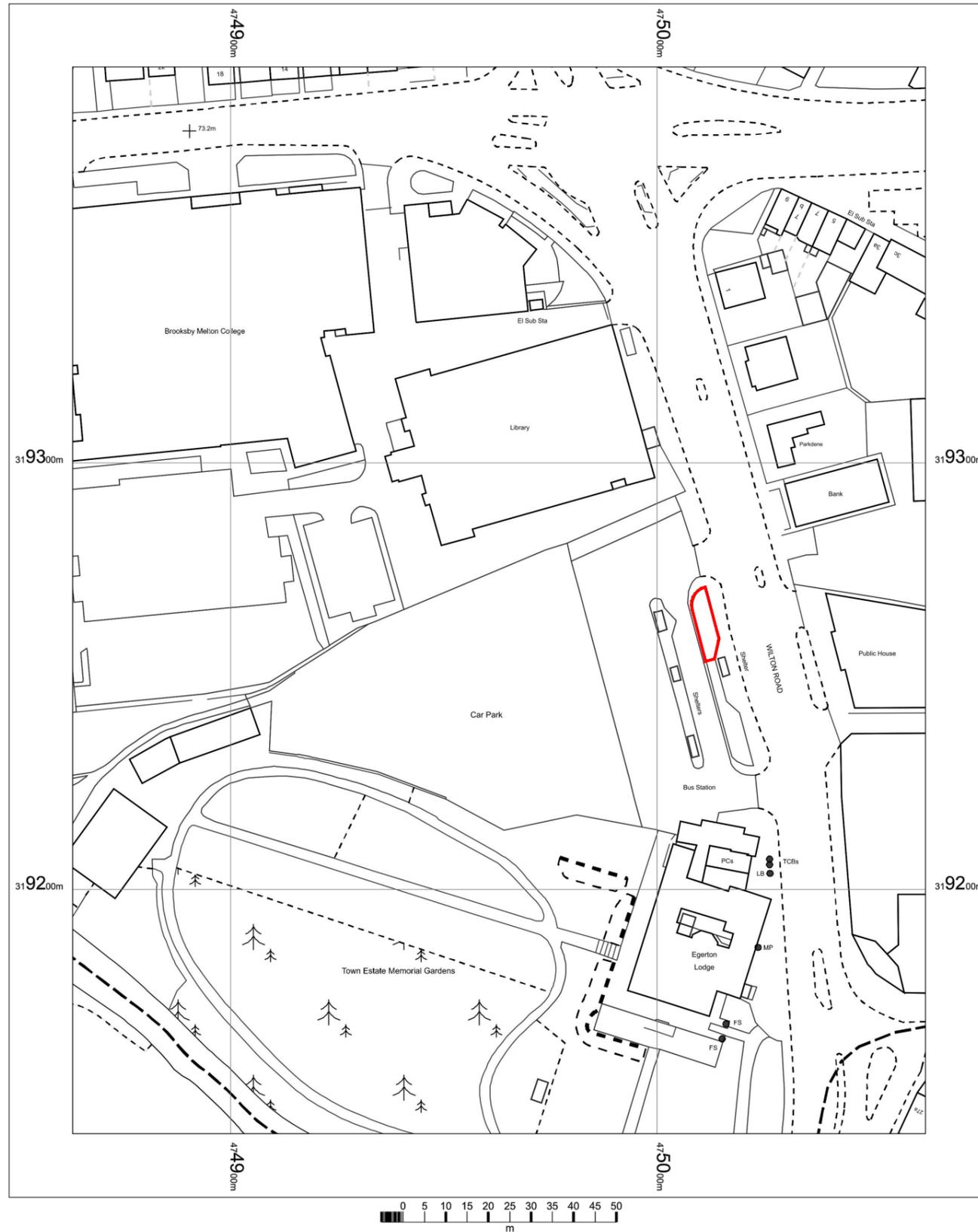
Section

Drawing No. **NTBS2617 / SMW-07**

Scale **1:20 @ A3** Original Sheet Size A3

Drawing Status	
Drawn pmb	Checked MS
Date 04/2017	Rev.

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 17 February 2017, ID: JEW-00600446
 maps.johnwright.com
 1:1250 scale print at A4, Centre: 474963 E, 319268 N
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Client



**Melton
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Council**

Project
**Public Toilet Proposal
 Wilton Road**

Drawing Title
Site Location Plan

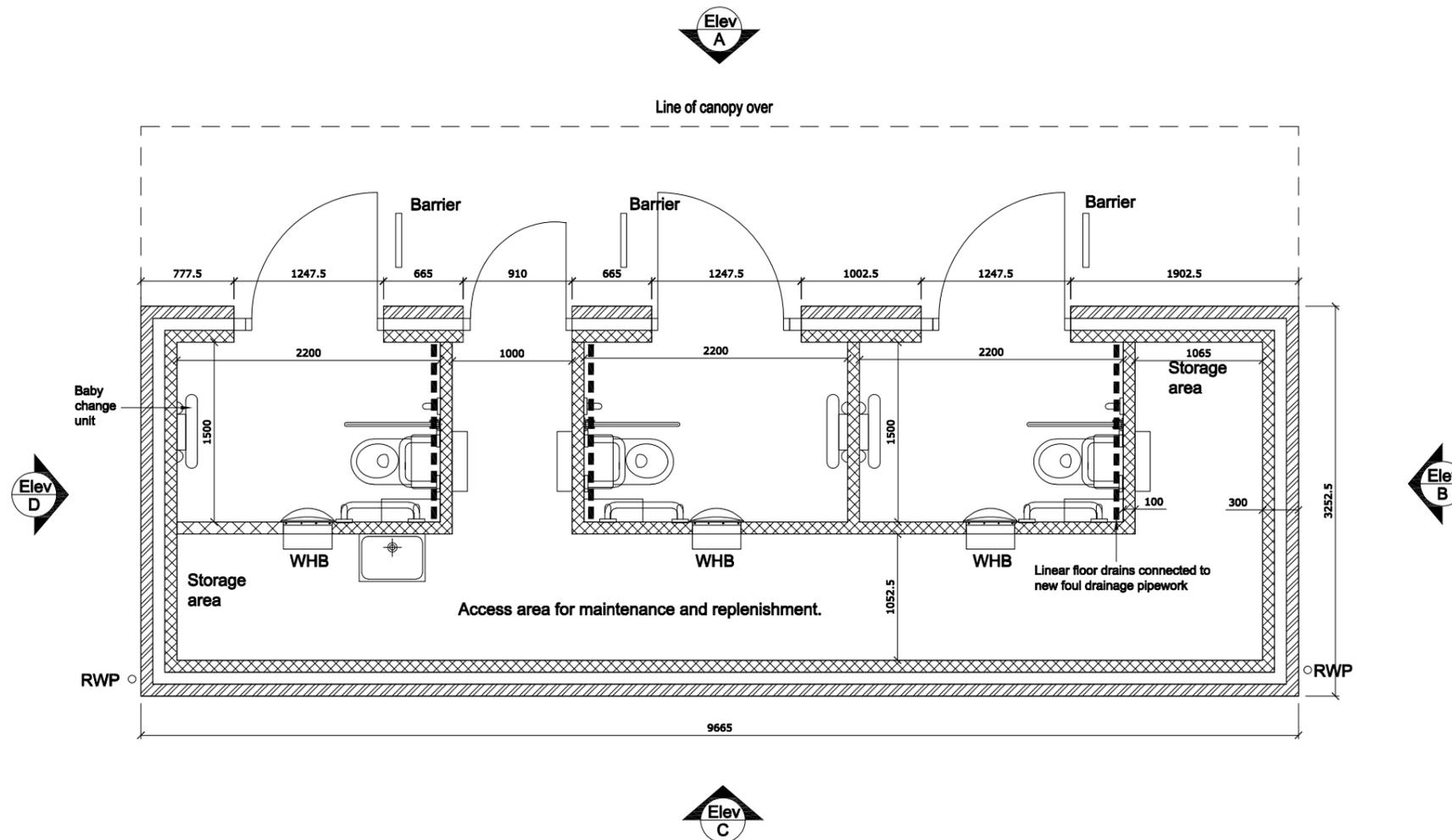
Drawing No. **NTBS2617 / WR-01**

Scale **1:1250** Original Sheet Size A3

Drawing Status	
Drawn SA	Checked MS
Date 02/2017	Rev.

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Project
**Public Toilet Proposal
 Wilton Road**

Drawing Title
Proposed Plan

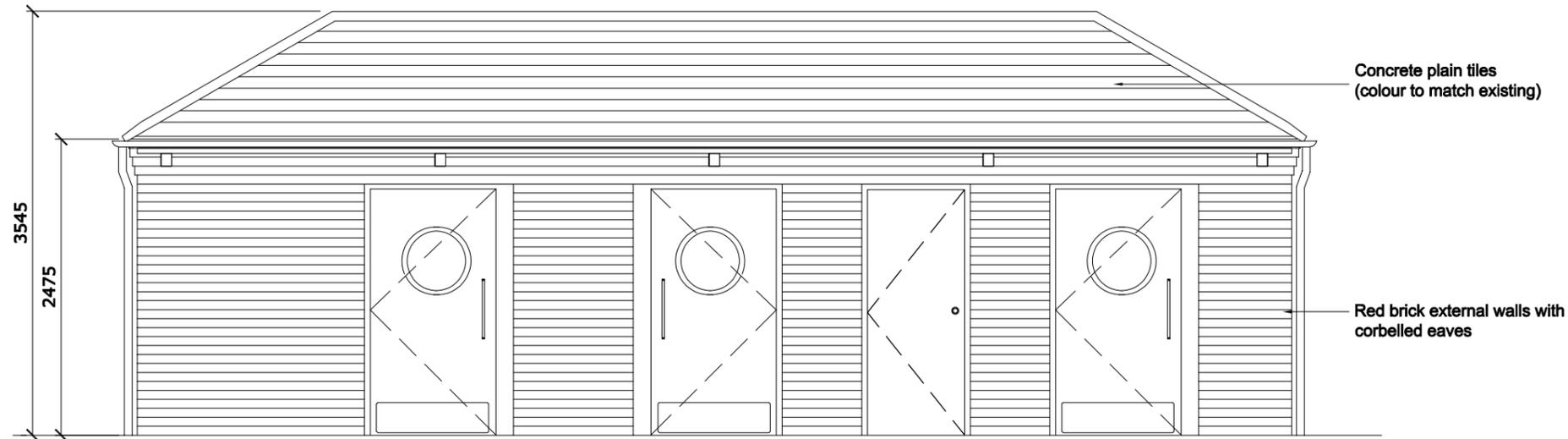
Drawing No. **NTBS2617 / WR-02**

Scale **1:50** Original Sheet Size A3

Drawing Status	
Drawn SA	Checked MS
Date 02/2017	Rev.



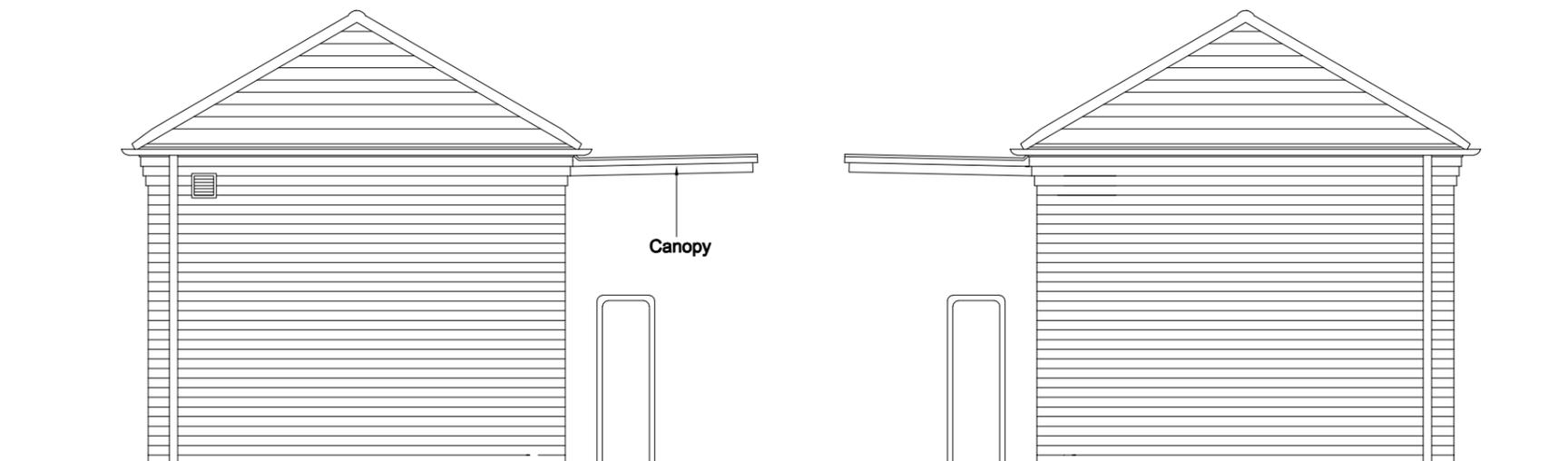
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Elevation A



Elevation C



Elevation B

Elevation D

Rev.	Description	By	Date
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Client



**Melton
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Project

**Public Toilet Proposal
Wilton Road**

Drawing Title

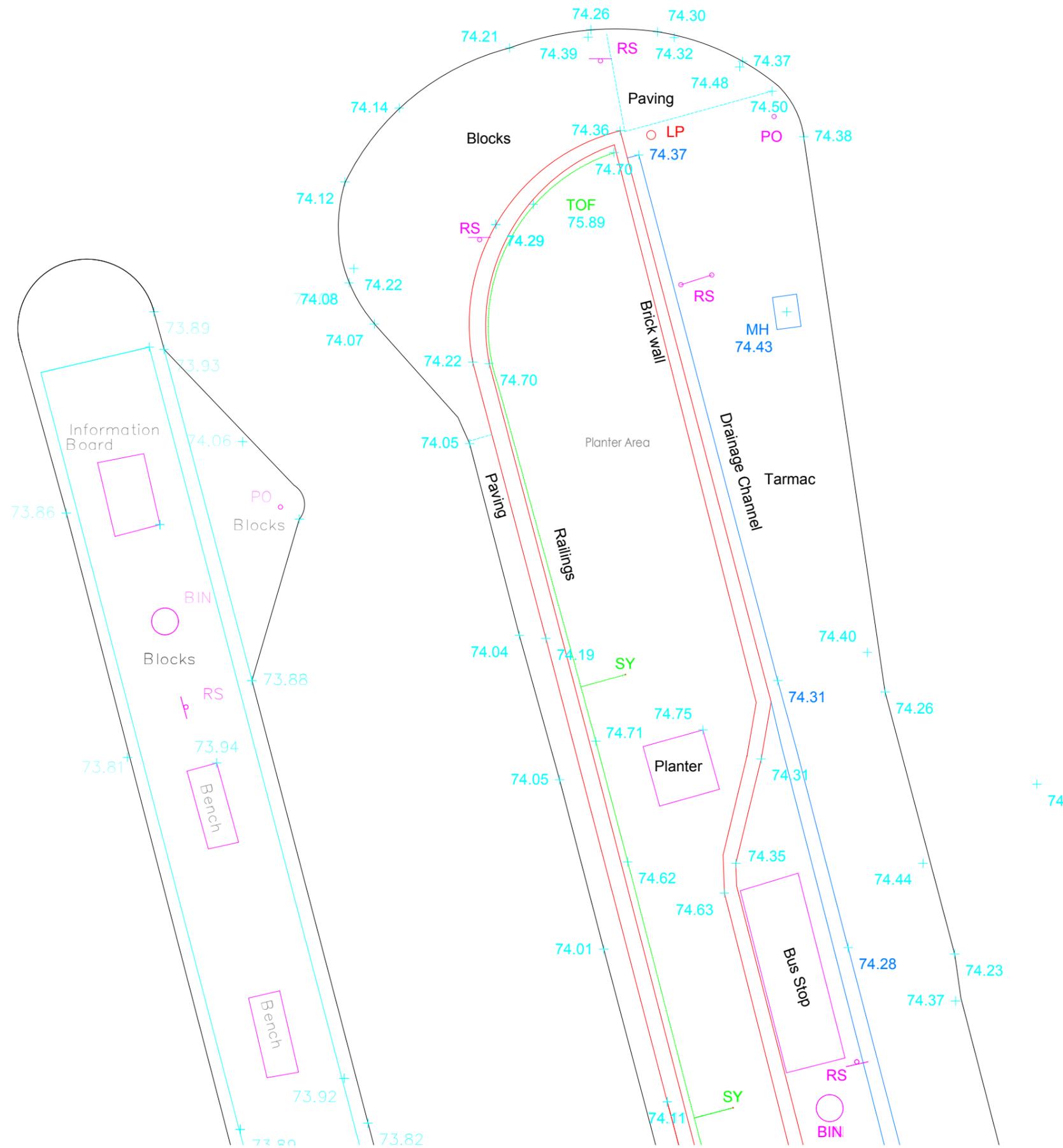
Proposed Elevations

Drawing No. **NTBS2617 / WR-03**

Scale **1:50** Original Sheet Size A3

Drawing Status

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	Date 02/2017	Rev. B



	Existing foul drainage
	Existing surface drainage

Rev.	Description	By	Date
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Project
**Public Toilet Proposal
 Wilton Road**

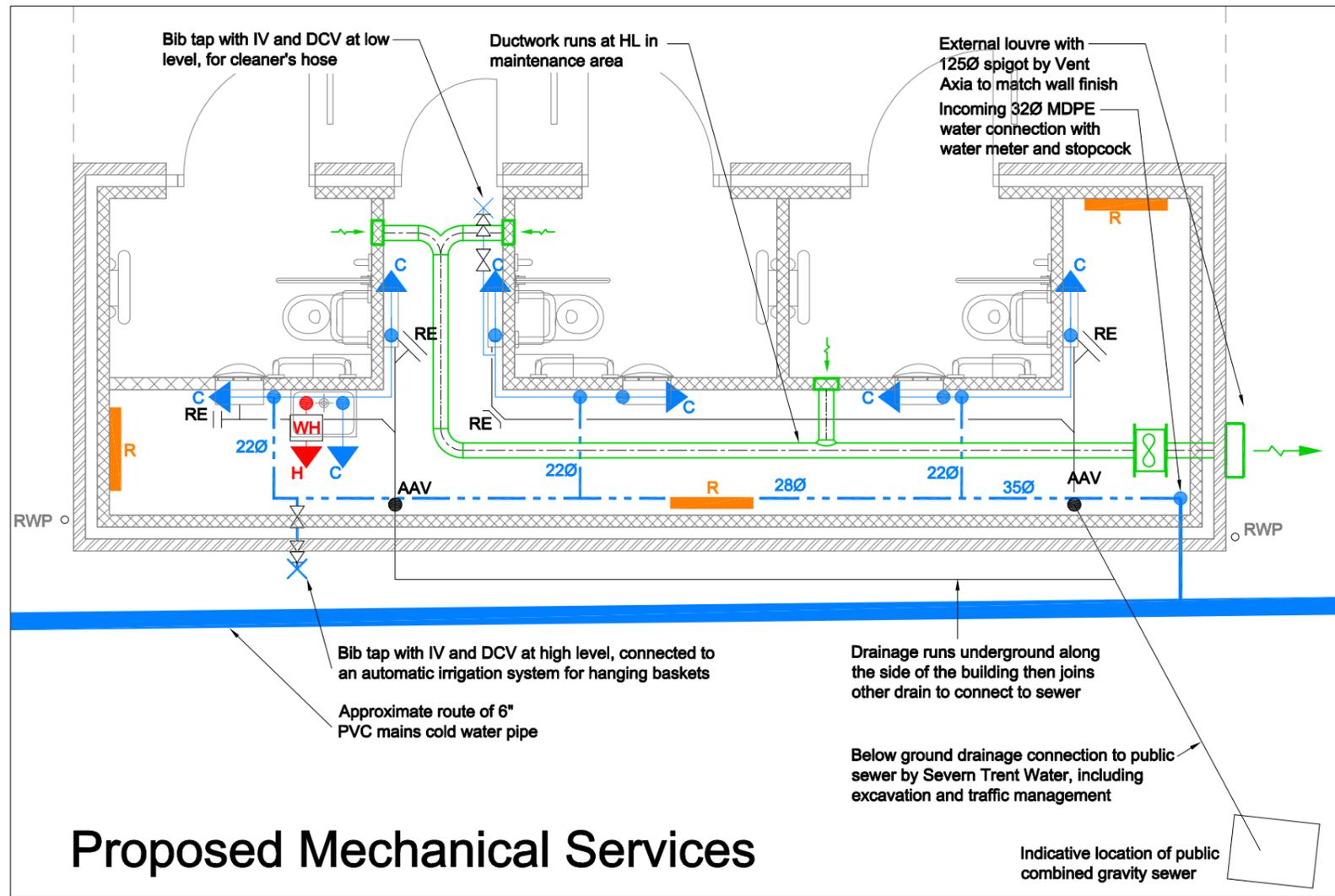
Drawing Title
Existing Site Plan

Drawing No. **NTBS2617 / WR-04**

Scale **1:100** Original Sheet Size A3

Drawing Status	
Drawn SA	Checked MS
Date 02/2017	Rev.





Notes

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- This drawing to be read in conjunction with latest revision of the specification
- Sizes and positions of services on this drawing are indicative, for pricing only on a design & build basis.
- Pipework to be drained down, flushed through, chlorinated, refilled and tested on completion
- Water pipework to have drain cocks at all low points
- All final connections to sanitaryware to be provided with isolation valves
- Refer to specification for details of pipework material and insulation, and supports, as well as wiring types and containment
- All AAVs to be located above the spillover level of the highest appliance it is connected to

Legend

- Pipework in ceiling void/high level
- Pipework at low level
- Pipework rising or dropping
- Cold water connection
- Hot water connection
- Electric stored water heater
- Isolation valve
- Check valve
- Double check valve
- 1kW electric radiator
- Vent Axia Lo Carbon Multivent extract fan providing constant extract
- Gilberts GX150 extract valve mounted in wall
- Drainage pipework at low level
- AAV Air Admittance Valve
- RE Rodding Eye (left - end of run) (right - on pipe bend)

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Notes

- This drawing to be read in conjunction with all other project drawings
- This drawing to be read in conjunction with latest revision of all architect's and structural engineer's drawings
- Positions of services on this drawing are indicative, for pricing only on a design & build basis

Legend

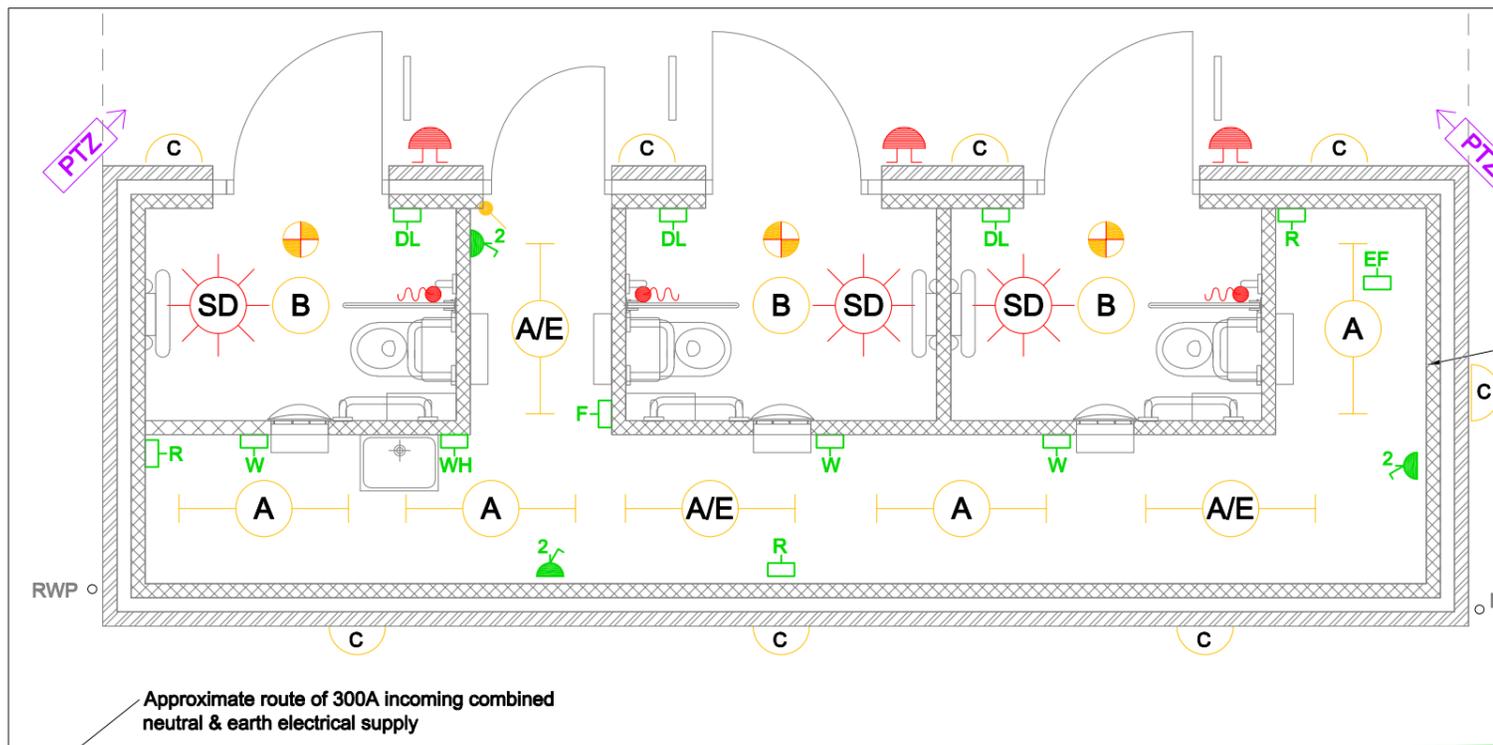
- Double gang switched socket outlet
- Fused connection unit:
 - DL 3A for door lock/coin pay unit
 - EF 3A at high level/ceiling void for extract fan
 - F 3A for automatic WC flush
 - R 5A for electric radiator
 - W 13A for Wallgate Disabled Spec Thrii wash hand dryer
 - WH 13A for instantaneous electric water heater
- 1200mm surface mounted batten luminaire (E = emergency fitting)
- Recessed circular downlight with integral emergency fitting
- Surface mounted circular IP65 wall light with integral emergency
- Light switch
- Passive infra-red occupancy sensor
- Pan, Tilt, Zoom CCTV camera
- Smoke detector with integral sounder and beacon
- Disabled Call sounder & beacon
- Disabled Call pulchord

Proposed Mechanical Services

Rev.	Description	By	Date

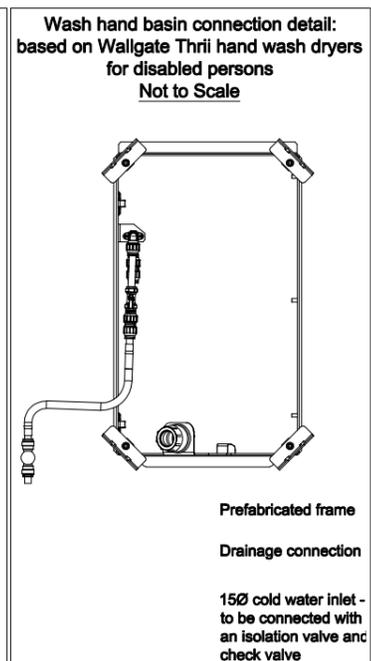
Client

Melton Borough Council



Each door to have a flush mounted coin pay unit with contactless card payments, controlled by time lock & interfaces with disabled call and fire alarm

- Mounted on this wall:
- PME single phase incoming supply
 - Distribution board
 - Disabled call alarm panel
 - Fire alarm panel
 - CCTV recording box
 - Door lock/coin pay power supply, interfaces with disabled call and fire alarm to fail safe on alarm activation



Proposed Electrical Services

Project
Public Toilet Proposal
Wilton Road

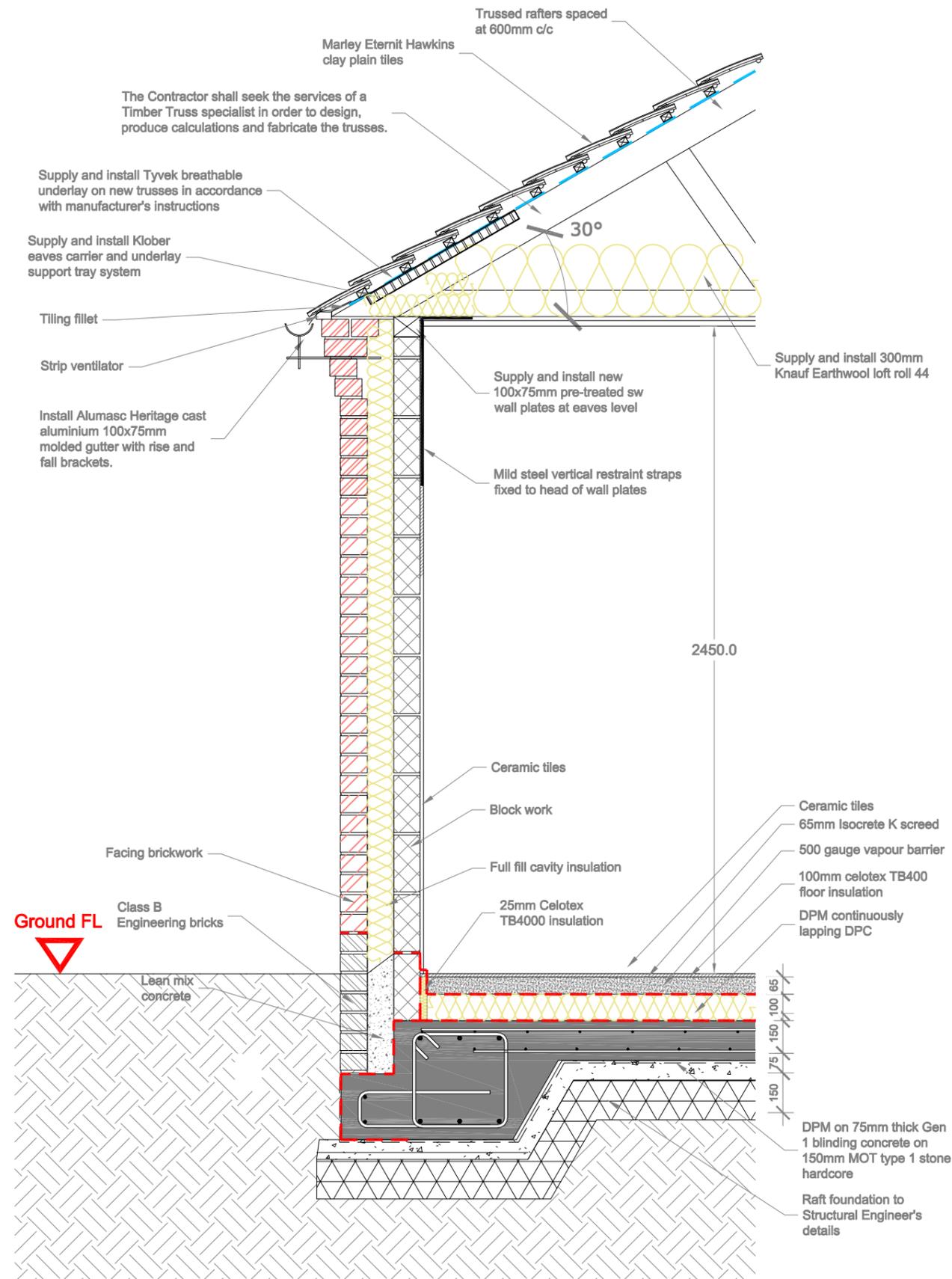
Drawing Title
Proposed Mechanical Services
Proposed Electrical Services

Drawing No. NTBS2617/WR-06

Scale 1:50 Original Sheet Size A3

Drawing Status

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	SA	MS
Date	Rev.	
02/2017		



Rev.	Description	By	Date
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Client



**Melton
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Project
**Public Toilet Proposal
 Wilton Road**

Drawing Title
Section

Drawing No. **NTBS2617 / WR-07**

Scale **1:20 @ A3** Original Sheet Size A3

Drawing Status	
Drawn pmb	Checked MS
Date 04/2017	Rev.

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