



Practice Overview

Introduction

RM Design Group is an architectural design practice specialising in the care, healthcare & residential sectors.

Ray Mortimer leads the practice and has over 20 years of experience. Ray has worked with a number of leading care operators and has delivered award winning and successful care homes across the UK.

RM Design Group prides itself on delivering a considered, detail orientated, cost conscious approach. We are able to provide design solutions to suit every budget, from cost efficient to the most luxurious developments.

Services are offered across all work stages on schemes scaling from bespoke housing to large scale commercial refurbishments, to new build care homes and care communities.



rmdesigngroup.co.uk
info@rmdesigngroup.co.uk
01904 233 539



Our Services



Site appraisal, feasibility study,
and Pre-Application design.



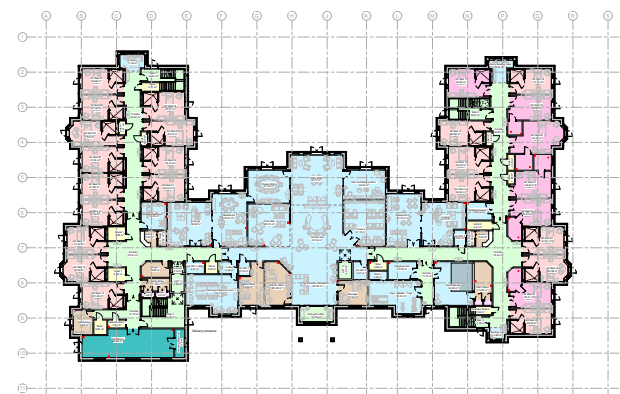
Full Planning Stage Design and
Statutory Compliance.



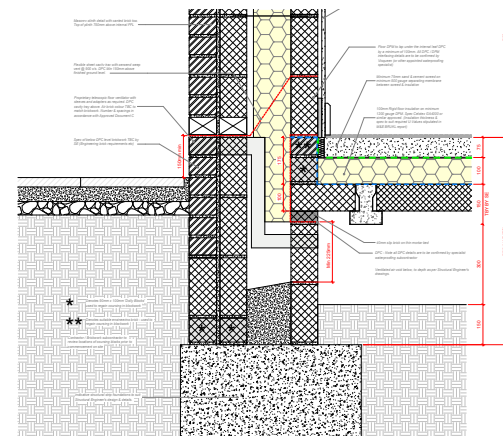
3D Visualisation, Including
Animated Walk-Through.



Building Regulation & Local
Authority Compliance.



Tender Stage Design and
Statutory Compliance.



Comprehensive Construction
Stage Detailing.



Lead Designer and Technical
Support for Contractors.



Drone Surveying & Time Lapse
Video Editing.



Ray Mortimer
Managing Director

Sectors

Care / Specialist Care / Healthcare /
Medical / Residential / Commercial /
Hotels / Regeneration / Education
Refurbishment / Nurseries /

Skills and Expertise

20+ years' experience / Consulting for largest care operators in the UK /
Award winning design / Site appraisal / Existing facilities appraisal / Land
use / Project management / Practice Management



Nick Johnson
Chartered Architectural Technologist

Sectors

Care / Specialist Care / Residential /
Learning Disability / Refurbishment /
Commercial / Retail / Domestic

Skills and Expertise

17 years' experience / Project lead / All stages of design / Construction
detailing / Statutory & technical Compliance / Co-ordination / Value
engineering / Technical Support / All forms of construction



Jason Nattrass
Chartered Architectural Technologist

Sectors

Care / Residential / Hotels /
Industrial / Regeneration / Stadia /
Specialist Care / Healthcare / Medical

Skills and Expertise

10 years' experience / Project lead / Technical design / Working drawings
/ BIM Management / BIM Modelling / Visualisation / Certified Autodesk
Professional / Revit / Enscape / AutoCAD / Indesign / Steel frame design



Jordan Alcock
Architectural Technologist

Sectors

Care / Specialist Care / Residential /
Learning Disability / Refurbishment /
Retail / Industrial / Medical

Skills and Expertise

7 years' experience / Planning design / Working drawings / BIM Modelling
/ 3D design & visualisation / Revit / Enscape / AutoCAD / Certified
Autodesk Professional / Indesign / Traditional forms of construction

Aylesbury Care Home





Care Home, Aylesbury

The site is located in Aylesbury, a town known for its Georgian, Jacobean and Tudor architecture.

The care home design responds accordingly and provides a high quality traditional design befitting of its surroundings.

The home provides luxury care for 84 residents.

Project Summary

82 bed care home.

Nursing, dementia & specialist care including bariatric.

£12m construction cost, traditional masonry build.



Facilities include:

Communal hub including piano bar, restaurant, and cinema.

Specialist dementia floor including a dedicated dementia café, dementia activity lounge, a large terrace, namaste lounge, resident lounges and dining rooms.

Bariatric wing including specially designed bedrooms.

Hydrotherapy pool, gym, and rehab unit.





Care Home, Maidenhead

The site, set over one acre of land, is located in a residential area of Maidenhead, and was formerly occupied by a large, detached family home and a coach house.

The care home comprises of 70 beds and provides residential and dementia care. The development achieves 54m² build space per resident, making it a particularly efficient plan form.

There is no dominant architectural style in the locality and the home responds to the general scale, massing and architectural merit of its surroundings.

The Y-shaped plan form and inclusion of a basement helps to reduce the perception of massing from neighbouring properties. The building form responds to site constraints including change in levels, root protection of a 100 year old Oak tree, and tree screening lining two boundaries.



Project Summary

70 Beds.

Facilities include a cafe, communal hub, various resident terraces.

Particularly efficient plan form.



Care Community, Malvern

The site comprises of 1.6 acres and is located in a residential area in the spa town of Malvern, just outside of the Great Malvern Conservation Area. The site is surrounded by residential and commercial properties to the North and East, whilst the South provides open views across the playing fields of Malvern College. Existing buildings are an ad hoc mix of single and two storey that have seen significant alterations over the years.

Project Summary

1.6 acre site.

Phased new build redevelopment of existing care community.

Contemporary design in residential setting.



Elevations use materials common to the locality, but imagine them in a contemporary manner so as to keep the development sitting harmoniously in its surroundings.

The proposed development aimed to unify the site and provide fit for purpose, state of the art, care facilities. The development is phased in order to maintain an income during the development works.

Care services include: Nursing, residential, dementia, and young physically disabled (YPD).

Features include: Newly created central hub and community cafe. Feature car park & planting the aid arrivals and circulation. Courtyard gardens. Hydrotherapy pool.

Care Home, Woodley Green



The site is located in the settings of the Woodley Green Conservation Area and was formerly used as a builders depot since the second world war.

Former existing depot buildings on the site were of low quality and heavily impacted on neighbouring residential properties.

Gardens to the North, East and South were heavily overshadowed and overlooked and access to natural light was restricted.

The design primarily responds to its neighbours by pulling back the development from sensitive boundaries and ensuring that there is no direct overlooking.

The design of the care home has been carefully considered within its surrounding context and to replaces disused buildings with a modern, fit for purpose, high quality, care home.

The home achieves 50m² build space per resident, making it a particularly efficient design.



Project Summary

0.9 acre site, 68 Beds.

Rear elevations designed to negate any direct overlooking of neighbours.

50m² build space per resident.





Project Summary

78 beds.

Redevelopment of former care home site to create a fit for purpose contemporary facility.

Timeless traditional design in mixed style residential area.

Care Home, Canterbury

The site is located in the cathedral city of Canterbury, and was formerly used as a care home.

The site is to be redeveloped to provide a new fit for purpose care home meeting current standards, providing fit for purpose facilities and meeting market standard expectations.



The home achieves 78 beds and elevationally achieves a timeless traditional design so as to sit harmoniously with its mixed architectural style residential neighbours.

The home benefits from generous bedrooms sizes, day space and a communal bistro.

Ancillary accommodation is located within the second floor roof void so as to minimise the scale of the development and perceived impact of the massing.





Care Home, Potters Bar



A new care home built in the grounds of an existing care home which is to be retained. The development will accommodate the demand for additional bedrooms in the locality.

The site is located in the Greenbelt and is heavily trees. The design proposal is in response to planning feedback and provides a contemporary solution aimed to enhance views into the site.

The proposed building bring in earthy materials to contrast and compliment the street facing frontage of its crisp rendered neighbour.

Project Summary

62 bed extension.

Built in the grounds of an existing home.

Greenbelt and heavily trees site.

3,200m² floor space.

Medical Centre, Peterborough



Project Summary

1,800m² floor space.

Contemporary design regenerating the site.

Works anticipated to start on site in 2024.

Construction cost circa £7m.

The site was formally occupied by the football pavilion of Peterborough Sport.

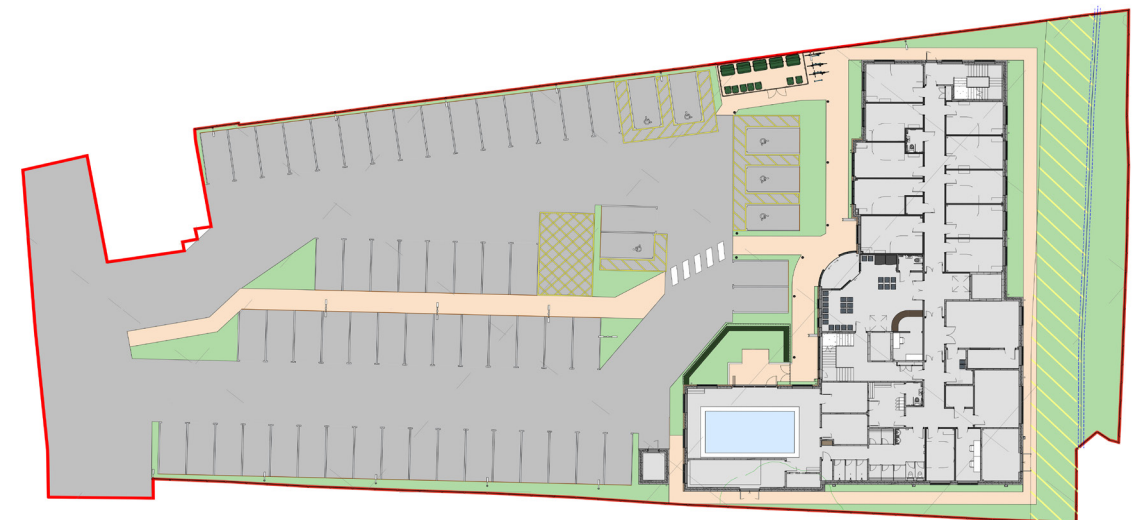
A contemporary design was sought in order to regenerate the area.

Construction cost is in the region of £7m and works are anticipated to start on site in 2024.



Facilities include:

14 no. clinical rooms. 4 no. dentist consulting rooms.
Endoscopy theatre. Small operations theatre. Anaesthesia
Room and 5 bed recovery unit. Hydrotherapy room &
change facilities. Gym. CT scanning. Long term recovery
accommodation.





Bungalow Estate, Deal

An exclusive community of 6 no. detached and 2 no. semi-detached bungalows on the site of a former convent, in the coastal town of Deal, Kent.

Properties are designed to a high quality domestic specification and achieve a mix of two and three bed accommodation, with attached garages.

Accommodation is designed to meet the requirements of M4(2) and can be adapted to suit M4(3).



Project Summary

8 no. Bungalow properties.

Mix of 100m² - 140m² floor space.

Development on the site of a former convent.

Contemporary design.



Domestic Redevelopment, York

Redevelopment of a 1930's bungalow into a contemporary, energy efficient home.

Facilities include an additional bedroom, walk in wardrobe, en-suite, kitchen diner, office, wine room and enlarged lounge with views across extensive gardens and a large feature pond.

Project Summary

150m² total floor space by way of extension and refurbishment.

Contemporary redevelopment of an aging bungalow property.

Works anticipated to start on site in 2024.



Visualisations help the client to make sense of the internal spaces, to understand how spaces might function, and to plan furniture arrangements.

We are able to offer full co-ordination with sub-consultants, including interior designers, to bring interior spaces to life.





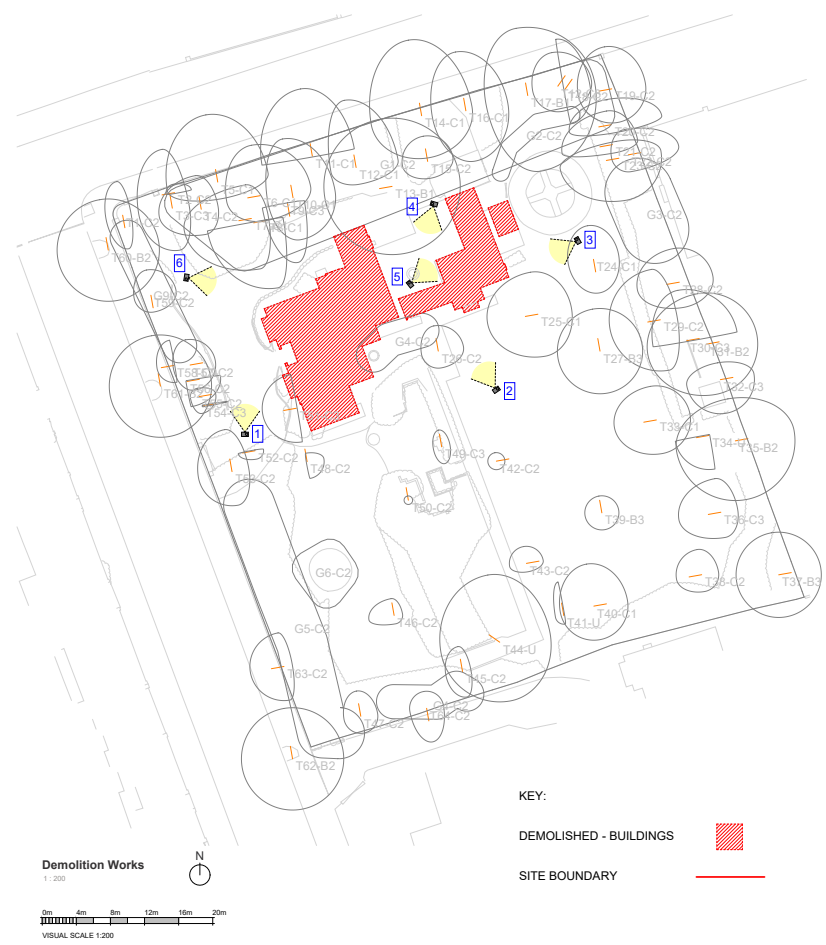
Using Building Information Modelling (BIM) software, we work collaboratively with sub-consultants to provide fully co-ordinated detail design proposals.

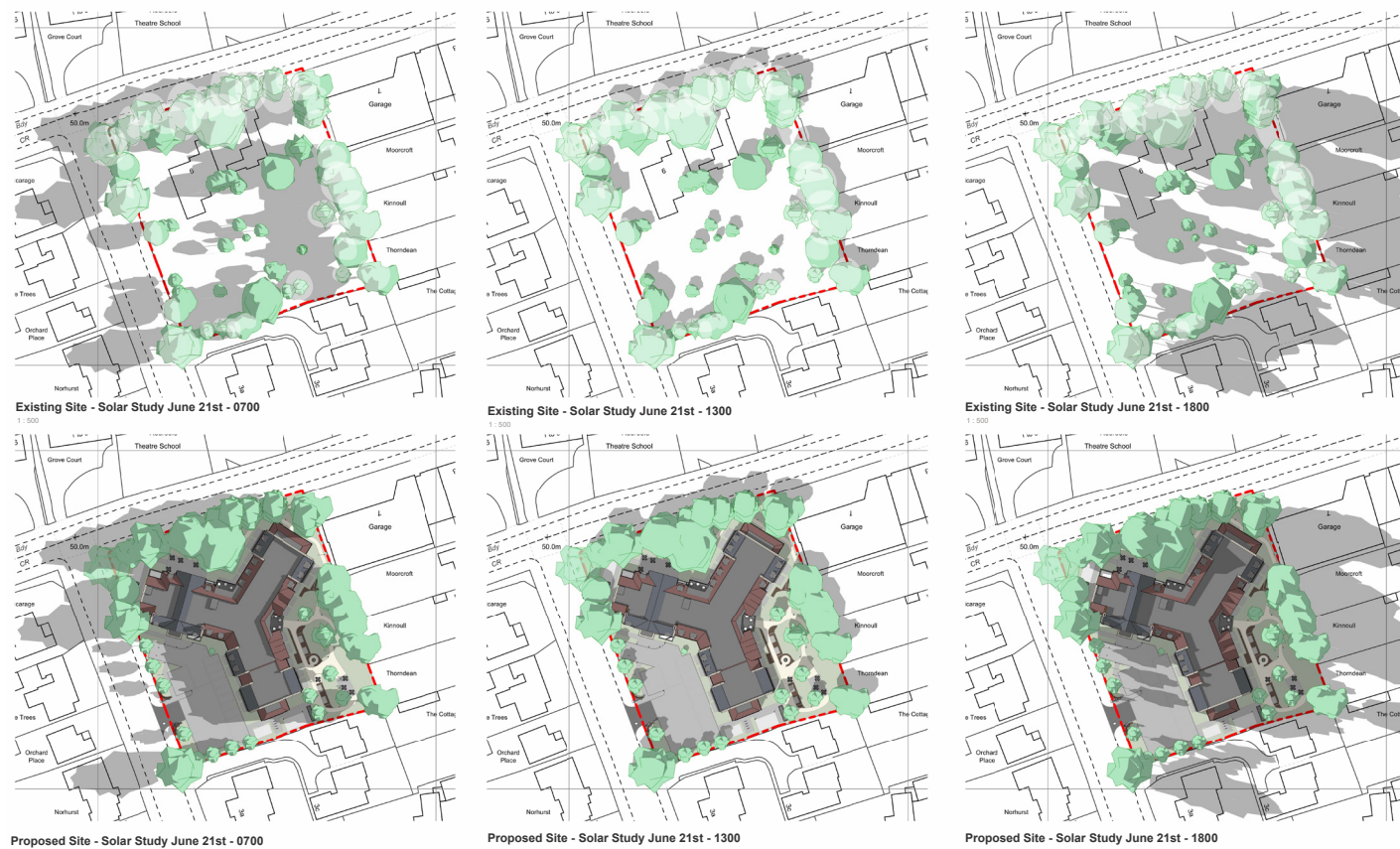
Clash detection software enables us to highlight any issues to the wider team, and design these out prior to construction on site.

We are able to integrate BIM Level 2 criteria into our work-flow.

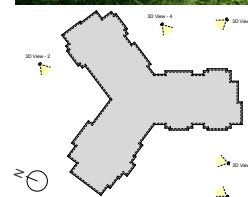
We work in full collaboration with all consultants offering similar BIM compatibilities.



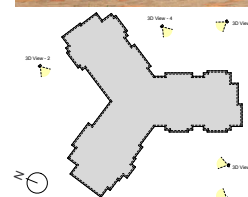




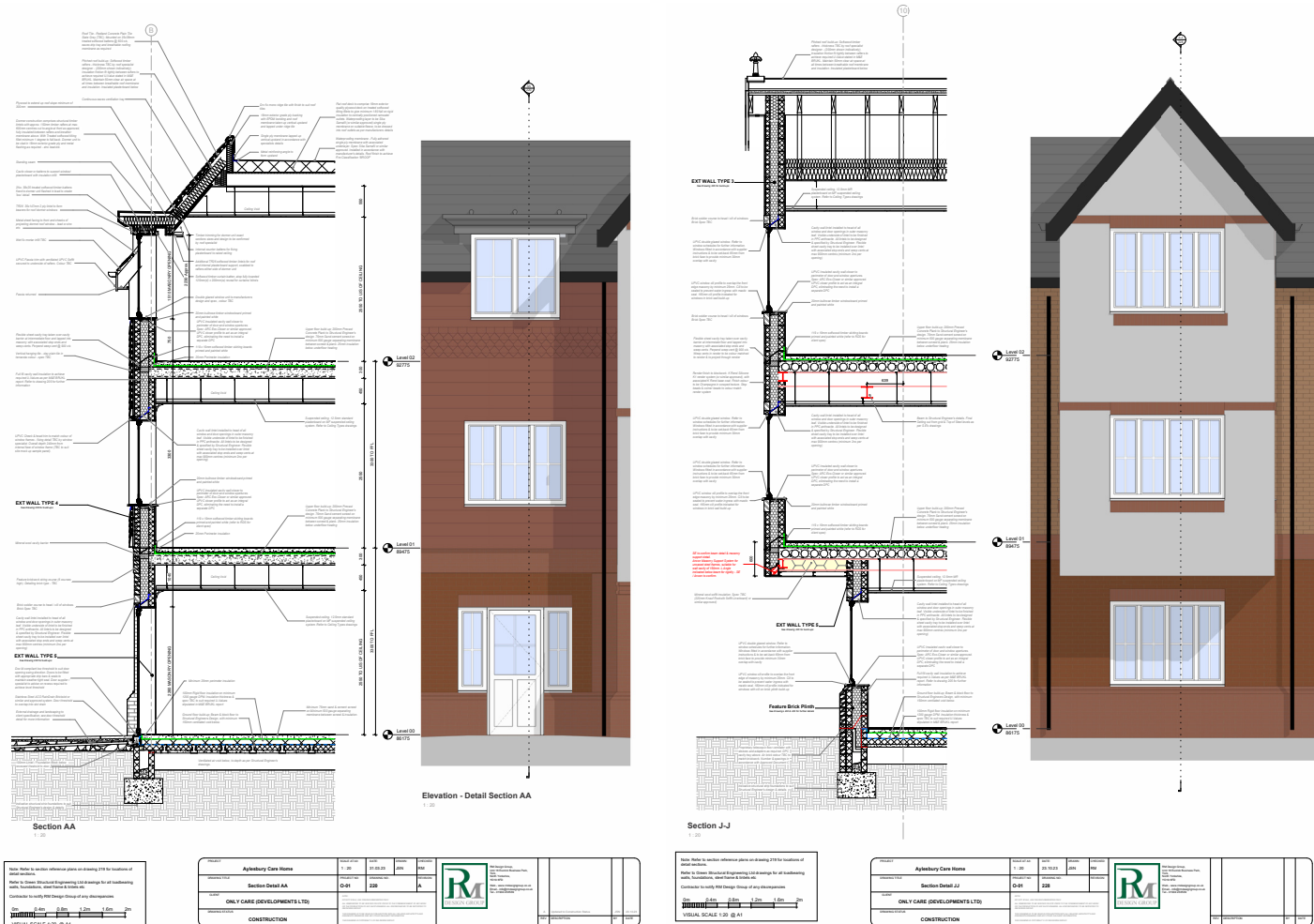
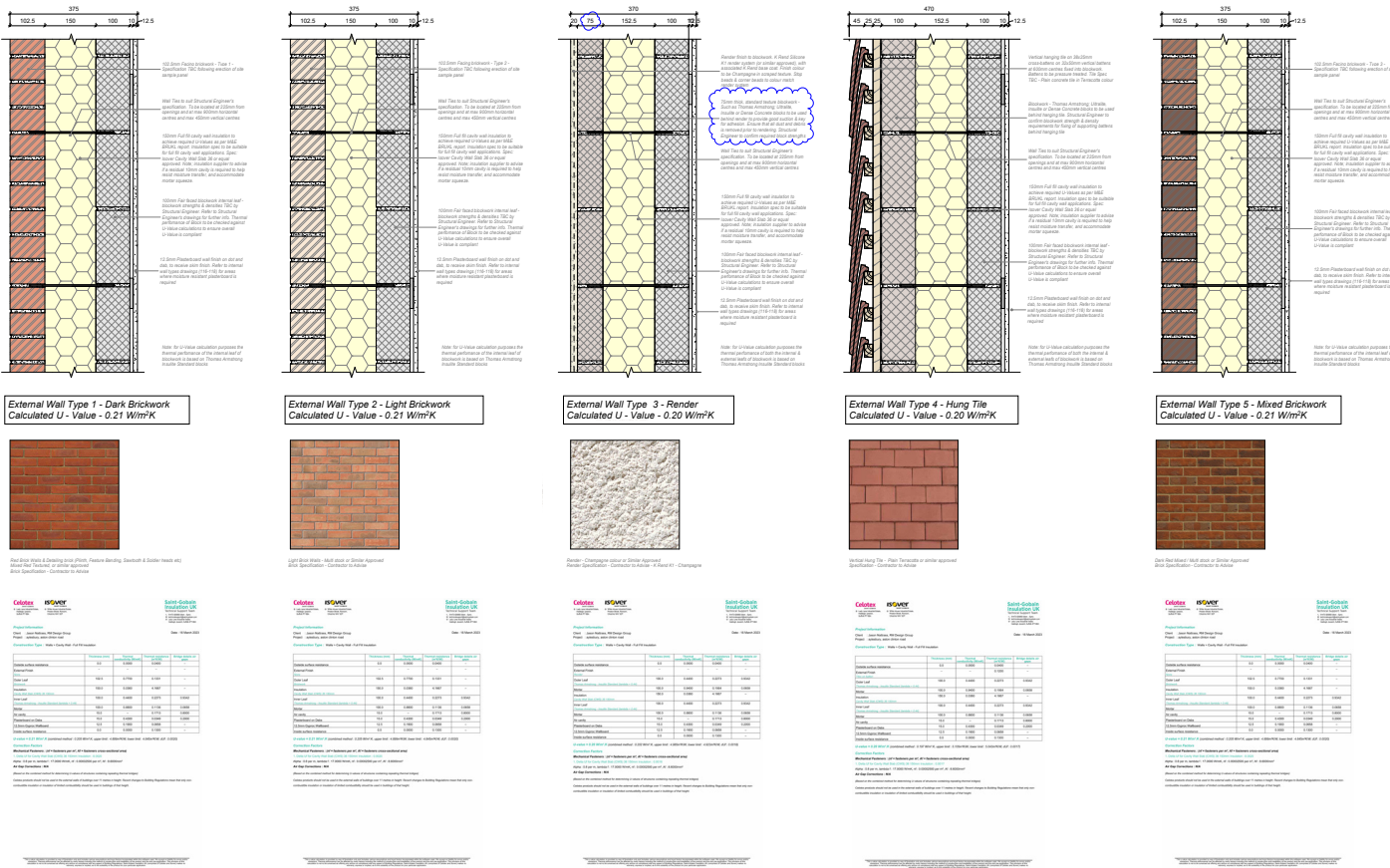
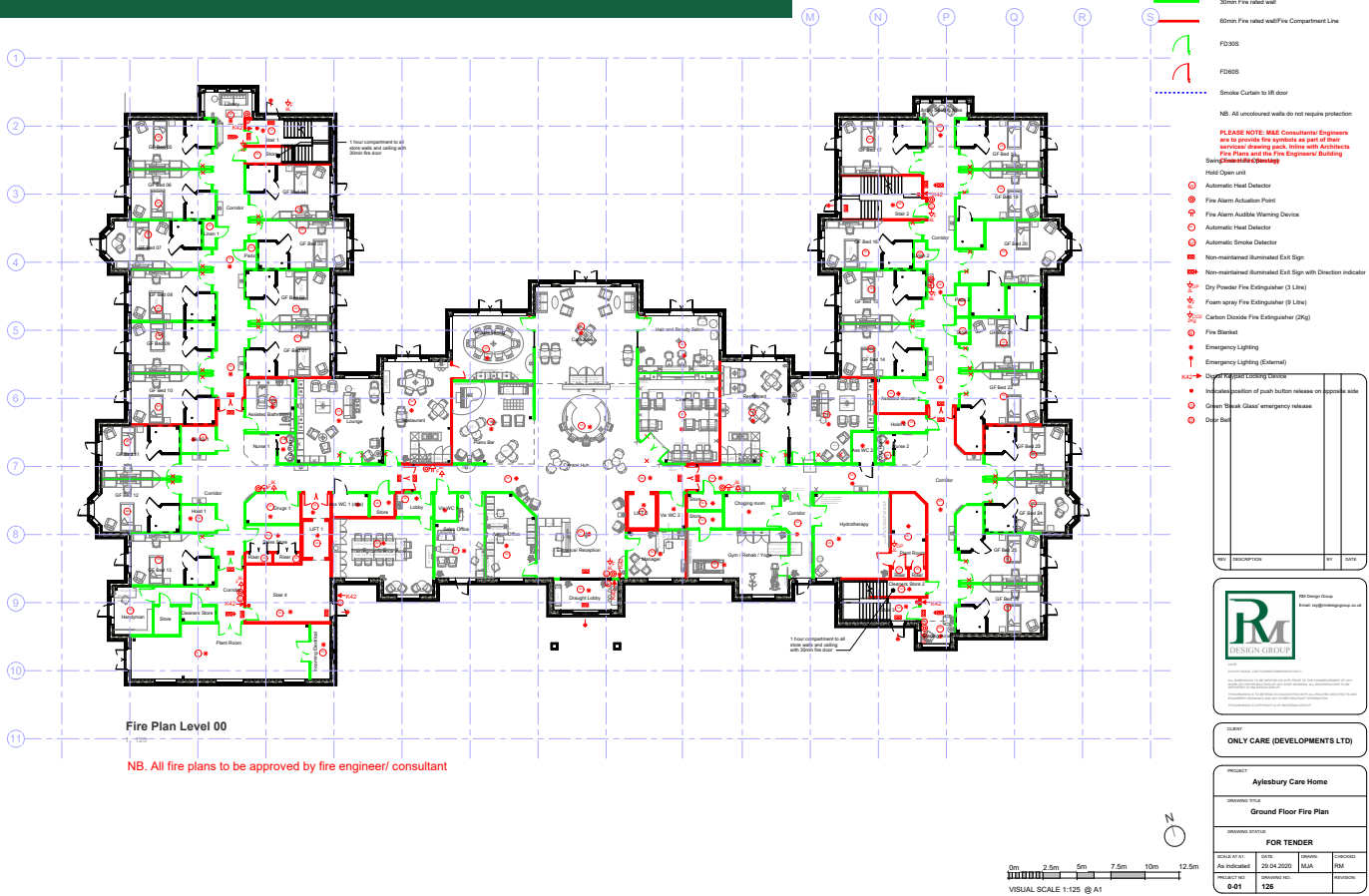
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ISSUED FOR	Soler Study - Existing & Proposed - June		PROJECT NO.	B01-01	REVISIONS	30			
CUSTOMER	Propco (Maidenhed) Ltd		NOTES: 1. All dimensions are in feet unless otherwise noted. All dimensions are to be confirmed with the owner and the architect. 2. All dimensions are to be confirmed with the owner and the architect. 3. All dimensions are to be confirmed with the owner and the architect. 4. All dimensions are to be confirmed with the owner and the architect. 5. All dimensions are to be confirmed with the owner and the architect.						
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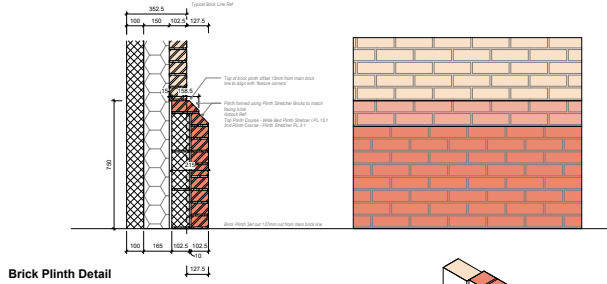


PROJECT	Propco (Maidenhead) Ltd		BUILD DATE	1 500	DATE	18/10/2023	DESIGN	JEN	IMD	 <p>R Design Group 10000 Highway 101, Suite 100 Mississauga, Ontario L4V 1P5 Tel: 905.882.2222 Fax: 905.882.2223 Email: info@rdesigngroup.com Web: www.rdesigngroup.com © 2023 R Design Group Inc.</p>			
DRAWING TITLE	3D Visual 3		PROJECT NO.	BD01-01	DRAWING NO.		REVISED						
CUSTOMER	Propco (Maidenhead) Ltd		NOTES 1. ALL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE OR WITHOUT THE NECESSITY OF A REVISION. ANY INFORMATION OR SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR WITHOUT THE NECESSITY OF A REVISION. 2. THE INFORMATION IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. 3. THE INFORMATION IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.										
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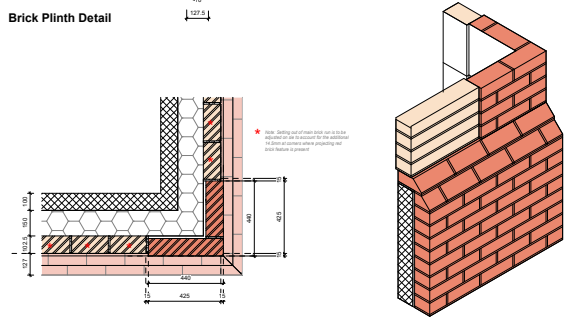
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Deliverable Drawing Examples

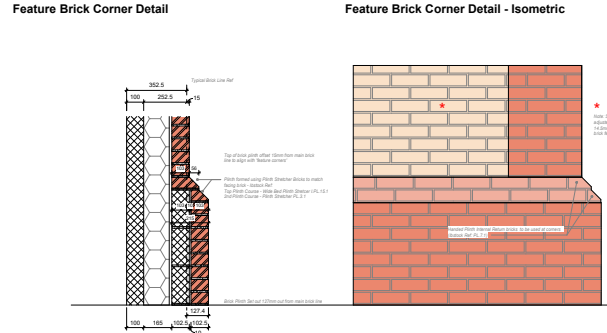




Brick Plinth Detail



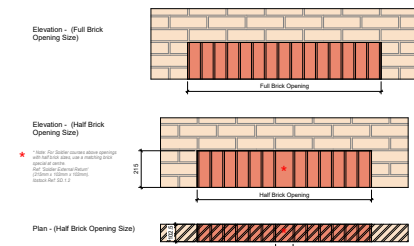
Feature Brick Corner Detail



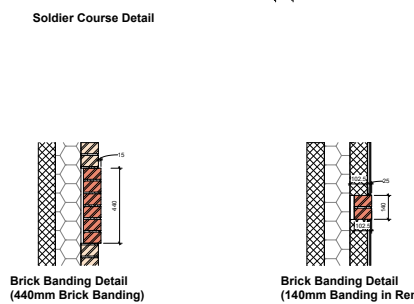
Feature Brick Corner Detail - Isometric

Section Through Feature Brick Corner Detail

Elevation of Feature Brick Corner Detail

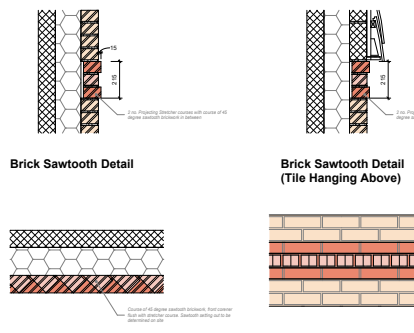


Soldier Course Detail



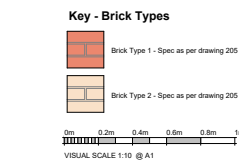
Brick Banding Detail (440mm Brick Banding)

Brick Banding Detail (140mm Banding in Render)

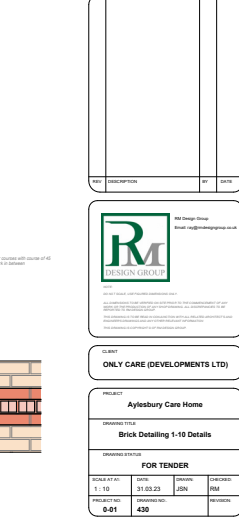


Brick Sawtooth Plan Detail

Brick Sawtooth Elevation



Key - Brick Types



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Aylesbury Care Home

Brick Detailing 1-10 Details

FOR TENDER

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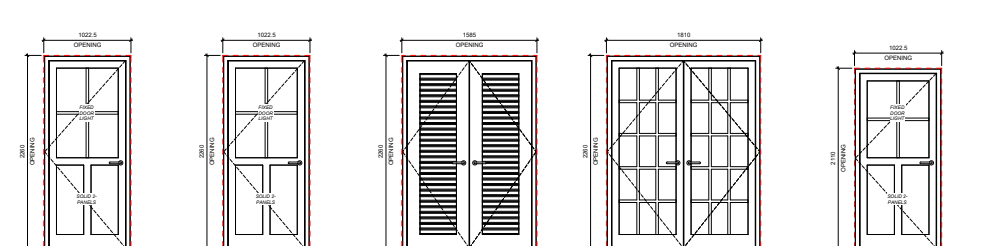
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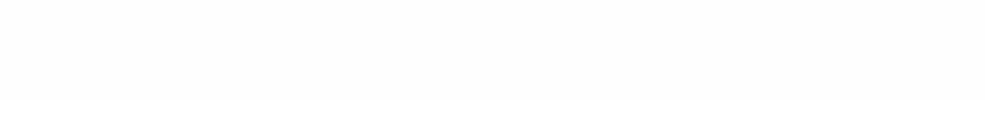
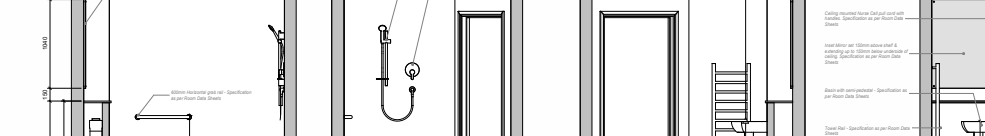
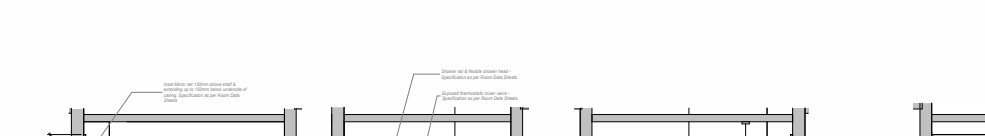
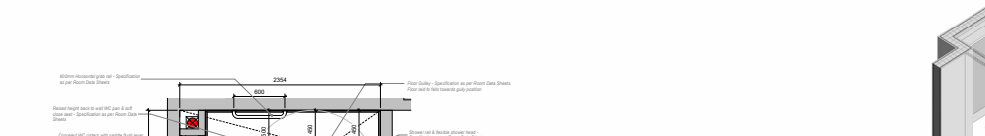
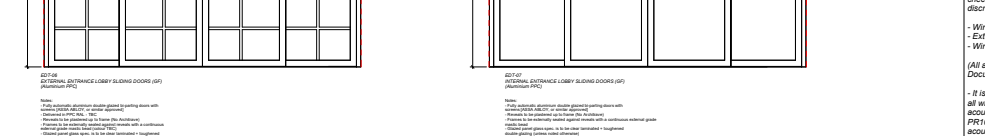
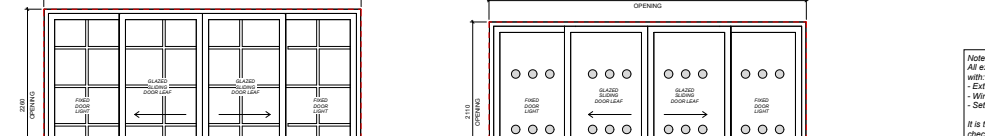
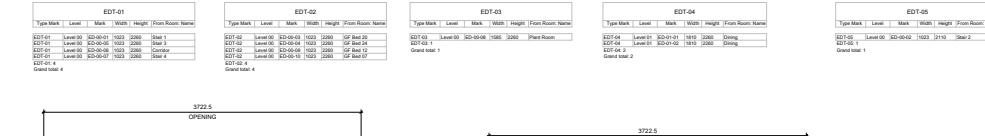
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External Door Schedule - By Type						
Type	Mark	Level	Mark	Width	Height	Front Room Name
EDT-01	1	Level 00	1000	2000	2000	Level 00
EDT-02	1	Level 01	1000	2000	2000	Level 01
EDT-03	1	Level 02	1000	2000	2000	Level 02
EDT-04	1	Level 03	1000	2000	2000	Level 03
EDT-05	1	Level 04	1000	2000	2000	Level 04
EDT-06	1	Level 05	1000	2000	2000	Level 05
EDT-07	1	Level 06	1000	2000	2000	Level 06
EDT-08	1	Level 07	1000	2000	2000	Level 07
EDT-09	1	Level 08	1000	2000	2000	Level 08
EDT-10	1	Level 09	1000	2000	2000	Level 09
EDT-11	1	Level 10	1000	2000	2000	Level 10
EDT-12	1	Level 11	1000	2000	2000	Level 11
EDT-13	1	Level 12	1000	2000	2000	Level 12
EDT-14	1	Level 13	1000	2000	2000	Level 13
EDT-15	1	Level 14	1000	2000	2000	Level 14

External Door Schedule - Overall						
Type	Mark	Level	Mark	Width	Height	Front Room Name
EDT-01	1	Level 00	1000	2000	2000	Level 00
EDT-02	1	Level 01	1000	2000	2000	Level 01
EDT-03	1	Level 02	1000	2000	2000	Level 02
EDT-04	1	Level 03	1000	2000	2000	Level 03
EDT-05	1	Level 04	1000	2000	2000	Level 04
EDT-06	1	Level 05	1000	2000	2000	Level 05
EDT-07	1	Level 06	1000	2000	2000	Level 06
EDT-08	1	Level 07	1000	2000	2000	Level 07
EDT-09	1	Level 08	1000	2000	2000	Level 08
EDT-10	1	Level 09	1000	2000	2000	Level 09
EDT-11	1	Level 10	1000	2000	2000	Level 10
EDT-12	1	Level 11	1000	2000	2000	Level 11
EDT-13	1	Level 12	1000	2000	2000	Level 12
EDT-14	1	Level 13	1000	2000	2000	Level 13
EDT-15	1	Level 14	1000	2000	2000	Level 14



Note:
All external window & door types to be read in conjunction with:
- External window & door schedules 301
- Window & door number plan drawings 331-333
- Setting-out plan drawings 160-179
It is the responsibility of the window & door sub-contractors to check all window & door types & note counts, any discrepancies to be reported back to RM Design Group.
- Window U-Value - 1.20 W/m²K
- External Doors - 1.60 W/m²K
- Window G-Value - 0.40
(All are as noted in ERS' Design Stage Specification Document)
- It is the responsibility of the glazing designer to ensure that all windows, glazing & trickle ventilators specified meet the acoustic requirements set out in 'Noise Exposure Assessment PR10215 16120-NEA-01'. This includes the requirement for acoustic trickle ventilators & glazing build-up. Note that the requirements may vary depending on window location on the building.
- HTM 55 - 100mm Window restrictors are to be included to all opening lights
- Note - the sill length varies depending on window location & external wall type. See Window Details on drawing 410 for further details



ONLY CARE (DEVELOPMENTS LTD)

Aylesbury Care Home

External Door Types

FOR TENDER

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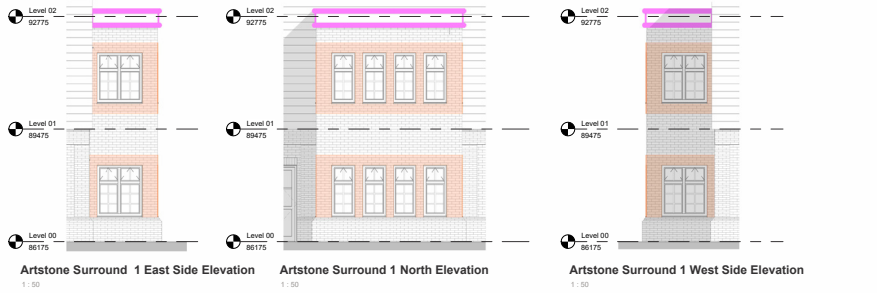
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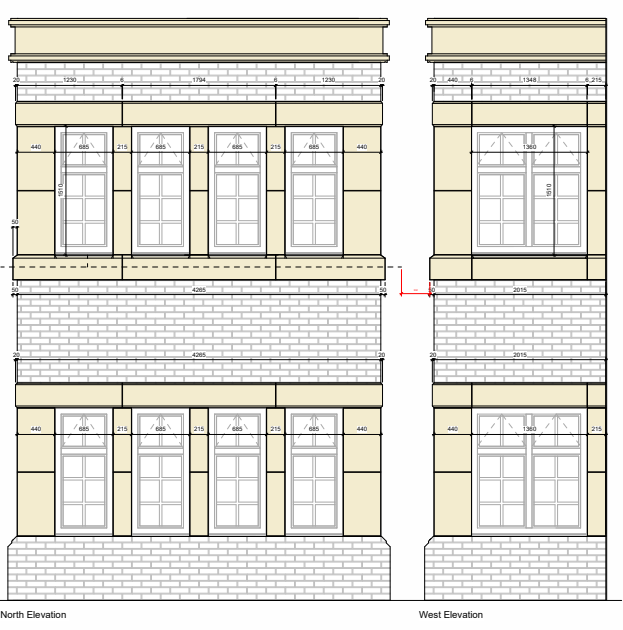
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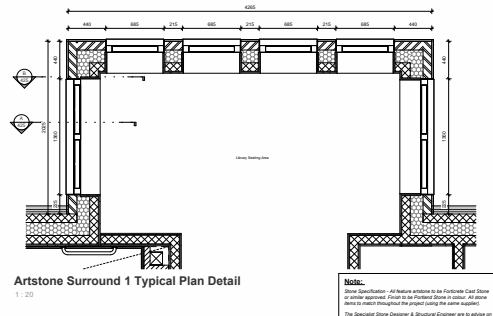
Artstone Surround 1 East Side Elevation



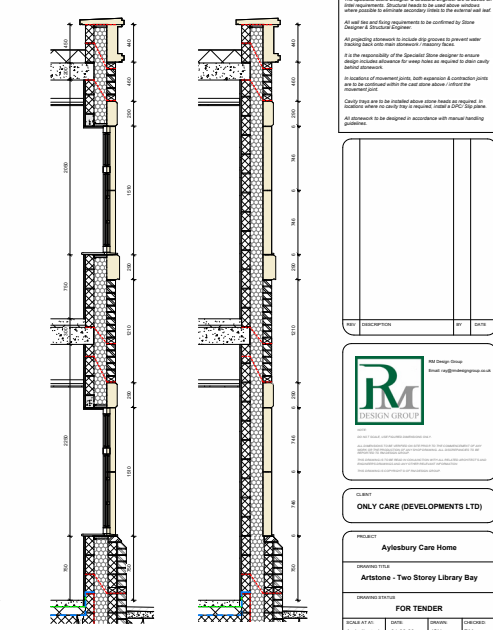
Artstone Surround 1 North Elevation



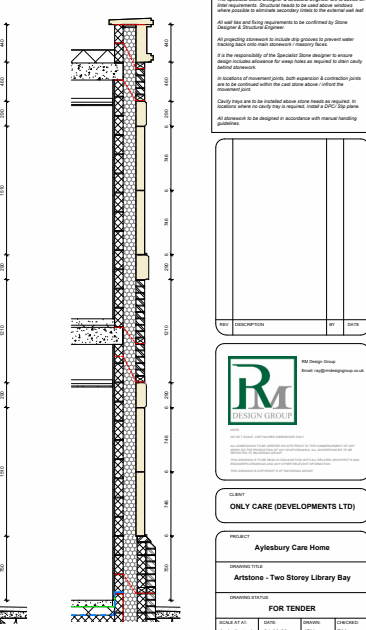
Artstone Surround 1 West Side Elevation



Artstone Surround 1 Typical Plan Detail



Artstone - Section A



Artstone - Section B

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- Window U-Value - 1.20 W/m²K
- External Doors - 1.60 W/m²K
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(All are as noted in ERS' Design Stage Specification Document)
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- Note - the sill length varies depending on window location & external wall type. See Window Details on drawing 410 for further details

Note:
All external window & door types to be read in conjunction with:
- External window & door schedules 301
- Window & door number plan drawings 331-333
- Setting-out plan drawings 160-179
It is the responsibility of the window & door sub-contractors to check all window & door types & note counts, any discrepancies to be reported back to RM Design Group.
- Window U-Value - 1.20 W/m²K
- External Doors - 1.60 W/m²K
- Window G-Value - 0.40
(All are as noted in ERS' Design Stage Specification Document)
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