

Planning Department
South Dublin County Council
County Hall
Town Centre
Tallaght
Dublin 24

Monday, 25th March 2024

[By Email: planningconditions@sdublincoco.ie]

Dear Sir/Madam,

RE: COMPLIANCE SUBMISSION (NO. 3) IN RELATION TO LIDL DISCOUNT FOODSTORE ANCHORED DEVELOPMENT AT MAIN STREET UPPER, NEWCASTLE, CO. DUBLIN

SOUTH DUBLIN COUNTY COUNCIL PLANNING REGISTER REFERENCE: SD22A/0312

1.0 INTRODUCTION & SUMMARY

1.1 Preamble

Further to the grant of permission for the above permission, and previous correspondence, the Developer, Lidl Ireland GmbH wishes to provide further details (in response to your letter dated 16th February 2024 in respect of Condition no. 2 of the Permission – see Appendix A).

1.2 Condition no. 2 – Finishes & Materials

We note Condition no. 2 states as follows:

"External Finishes and Materials Prior to the commencement of construction on site, samples of all proposed external finishing materials shall be submitted to and approved in writing by the Planning Authority and sample panels of 2m x 2m of the materials shall be erected on site and once approved, retained for the duration of development for quality control purposes. Development shall be carried out in accordance with the approved samples."

1.3 Compliance Status

We note, following your letter dated 16th February 2024 that all External Finishes and Materials and associated requirements are agreed / discharged, save as follows:

- *"the new sash windows proposed to the historic building façade ... modern windows could be considered to tie in with the overall design of the Café/retail unit and Buildings C+D) ... would therefore advise that this item is addressed or clarified"*.

The following Section 2.0 elaborates on the issue of window specification regarding the historic façades of *Buildings C+D*.

2.0 RESPONSE RE. BUILDINGS C+D WINDOWS TO HISTORIC FAÇADES

2.1 Building C

We enclose drawings and details (see Appendices B, C & D) illustrating the proposed window finishes and specification.

We trust this clarifies the outstanding query and is acceptable to the Planning Authority.

2.2 Building D

We enclose drawings and details (see Appendices B, C & E) illustrating the proposed window finishes and specification.

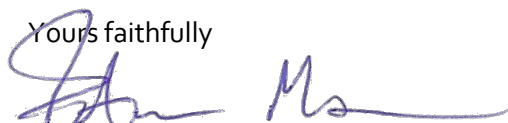
We trust this clarifies the outstanding query and is acceptable to the Planning Authority.

3.0 CONCLUSION

We trust the above and enclosed is of interest and look forward to your response / confirmation of acceptance of proposals as appropriate.

Should you have any further queries or require anything further please do not hesitate to contact us.

Yours faithfully



Fintan Morrin

Principal

The Planning Partnership

Appendix A

Letter dated 16th February 2024

**The Planning Partnership
McHale Retail Park
Castlebar
Co. Mayo
F23 TD25**

Date : 16-Feb-2024

Reg. Ref. : SD22A/0312/C2
Proposal : Construction of a single storey Discount Foodstore Supermarket with ancillary off-licence use (with monopitch roof and overall building height of c. 6.74 metres) measuring c. 2, 207sq.m gross floor space with a net retail sales area of c. 1, 410sq.m; Construction of a vehicular access point to Main Street Upper and associated works to carriageway and including partial removal of boundary wall / facade, modification of existing footpaths / public realm and associated and ancillary works including proposed entrance plaza area; Demolition of part of an existing rear / southern single storey residential extension (and related alterations to remaining structure) of Kelly Estates building; The original Kelly Estates building (a protected structure - Eircode: D22 Y9H7) will not be modified; Demolition of detached single storey accommodation/ residential structure and ancillary wall/ fence demolitions to rear of existing Kelly Estates building; Demolition of existing single storey (stable) building along Main Street and construction of single storey retail /cafe unit on an extended footprint measuring c. 118sq.m and associated alterations to existing Main Street boundary facade; Renovation and change of use of existing (vacant) two storey vernacular townhouse structure to Main Street, and single storey extension to rear, for retail/ commercial use (single level throughout) totalling c. 61sq.m; Repair and renewal of existing Western and Eastern burgage plot tree and hedgerow site boundaries; Provision of associated car parking, cycle parking (and staff cycle parking shelter), pedestrian access routes and (ramp and stair) structures (to / through the southern and western site boundaries to facilitate connections to potential future development), free standing and building mounted signage, free standing trolley bay cover /enclosure, refrigeration and air conditioning plant and equipment, roof mounted solar panels, public lighting, hard and soft landscaping, boundary

treatments and divisions, retaining wall structures, drainage infrastructure and connections to services/ utilities, electricity Substation and all other associated and ancillary development and works above and below ground level including within the curtilage of a protected structure.

Condition 2:

External Finishes and Materials

Prior to the commencement of construction on site, samples of all proposed external finishing materials shall be submitted to and approved in writing by the Planning Authority and sample panels of 2m x 2m of the materials shall be erected on site and once approved, retained for the duration of development for quality control purposes. Development shall be carried out in accordance with the approved samples.

REASON: In the interest of visual amenity and environmental quality.

Location : Main Street Upper, Newcastle, Co Dublin
Applicant : Lidl Ireland GmbH
Application Type: Compliance with Conditions

Dear Sir/Madam,

I refer to your submission received on 12-Dec-2023 to comply with Condition No 2 of Grant of Permission No. SD22A/0312, in connection with the above.

In this regard I wish to inform you that the submission received is deemed **not** compliant.

Comments:

“Compliance submission:

The applicant/agent has submitted a cover letter and details prepared by Structural Design Solutions Ltd. under Appendix B of the letter.

The Lidl store building would be finished with the following:

Proposed roof finish 1

Kingspan insulated panel, grey colour finish, with Kingspan PV panels.

Proposed roof finish 2

Soprema green roof system – sedum planting with gravel edging.

Proposed windows

Aluminium frame windows, frame to RAL 7024 (dark grey).

Proposed entrance pod

Aluminium frame with sliding doors, frame to RAL 7024 (dark grey).

Soffit of canopy over entrance pod, RAL 7024 (dark grey) aluminium soffit tray

Proposed cladding

Kingspan insulated cladding to RAL 9006 (silver grey).

Proposed capping

Alucobond aluminium capping, 100mm deep, to RAL 9006 (silver grey).

Proposed wall finish

Rendered with bauprotec sprayed render, painted RAL 9010 (white) with RAL 7038 (light grey) plinth at bottom.

Proposed external doors

Metal door, powder coated to RAL 7024 (dark grey).

Proposed stone finish

Fernhill 12mm thick natural limestone cladding tile.

Buildings C & D Café/Retail units would be finished in:

Roof finish 1 (facing carpark)

VM Quartz Plus Zinc roof.

Roof finish 2 (facing Athgoe Road)

Natural slate tiles, colour blue/black.

Proposed walls finish

Natural stone finish to match existing boundary walls on Athgoe Road.

Proposed external windows (facing Athgoe Road, existing building heritage façade)

Timber frame double glazed sash windows, colour to match surrounding buildings.

Proposed external windows (facing into carpark, extension part of building)

Aluminium frame windows, frame to RAL 7024 (dark grey).

Planner's response:

The Architectural Conservation Officer has reviewed the submission and states the following:

With regard to the materials and finishes. Details have been provided in the compliance report and is set out with regard to the proposed materials for the different built elements. It is considered that the reuse of material is welcomed, and the palate is kept in keeping with the new build and original stone elements in order to ensure cohesion. I would consider the details to be acceptable in this regard.

There was just one item that I would like to seek further clarification on and that is the new sash windows proposed to the historic building façade. It is important that if historic window types are to be reinstated that this is done with windows that will match the original profile and material type to ensure they are historically correct and so that you don't end up with a thick unit and window that looks small and reduces natural light. The finish colour should match in with the colour palette and therefore the sashes should be painted in a dark colour rather than white as shown. I would argue however that if there is no evidence of the window type at this location that modern windows could be considered to tie in with the overall design of the Café/retail unit and Buildings C+D). I would therefore advise that this item is addressed or clarified.

The proposed external finishes and materials are otherwise considered to be visually acceptable. Notwithstanding this, having regard to the report from the ACO, it is considered that the submission is not fully in compliance with Condition 2.

Conclusion

The submission is **not** in compliance with Condition 2. “

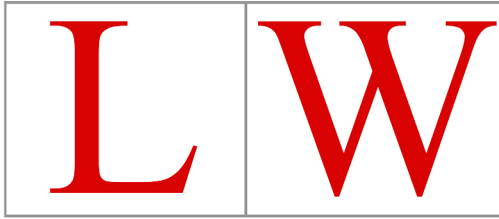
Yours faithfully,

M.C.

for **Senior Planner**

Appendix B

Window U Value Details



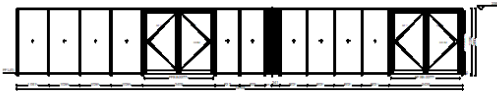
LYNCH WINDOWS
 UMRICAM | BUNCRANA | DONEGAL

Position	Quantity	Uf	Ug	psi'	Area	W/m ² K	Glass area	W/K
Cafe - W-01 / W-13	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	34.068 m ²	1.2 W/m ² K	30.851 m ²	40.5 W/K
Cafe - W-02	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	7.324 m ²	1.2 W/m ² K	6.825 m ²	8.8 W/K
Cafe - W-03	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	7.324 m ²	1.2 W/m ² K	6.825 m ²	8.8 W/K
Cafe - W-04 / W-05	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	13.615 m ²	1.2 W/m ² K	11.638 m ²	16.5 W/K
Cafe - W-06	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	2.558 m ²	1.2 W/m ² K	2.389 m ²	3.1 W/K
Cafe - W-07	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	1.395 m ²	1.3 W/m ² K	1.251 m ²	1.8 W/K
Cafe - W-08	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	2.558 m ²	1.2 W/m ² K	2.389 m ²	3.1 W/K
Cafe - W-09	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	2.558 m ²	1.2 W/m ² K	2.389 m ²	3.1 W/K
Cafe - W-10	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	2.558 m ²	1.2 W/m ² K	2.389 m ²	3.1 W/K
Cafe - W-11	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	9.300 m ²	1.2 W/m ² K	8.759 m ²	10.9 W/K
Cafe - W-12	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	2.558 m ²	1.2 W/m ² K	2.389 m ²	3.1 W/K
Variation - D-03	1 Pcs	2.6 W/m ² K	1.0 W/m ² K	0.035 W/mK	3.358 m ²	1.5 W/m ² K	2.336 m ²	5.2 W/K
Total Amount	12 Pcs	2.6 W/m²K	1.0 W/m²K	0.035 W/mK	89.174 m²	1.2 W/m²K	80.430 m²	107.8 W/K

Thermal transmission coefficients were determined for insertion elements and windows (Uw) according to EN ISO 10077-1: 2017 and for curtain walls (Ucw) according to EN ISO 12631: 2017.

Remarks:
 This calculation is only for information.

Position: W-01 / W-13



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, ACW	0.716 m ²	2.6 W/m ² K	1.9 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	1.495 m ²	2.6 W/m ² K	3.9 W/K
Total	2.211 m²	2.6 W/m²K	5.7 W/K

Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	30.851 m ²	1.0 W/m ² K	30.9 W/K
Total	30.851 m²	1.0 W/m²K	30.9 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	84.097 m	0.035 W/mK	2.943 W/K

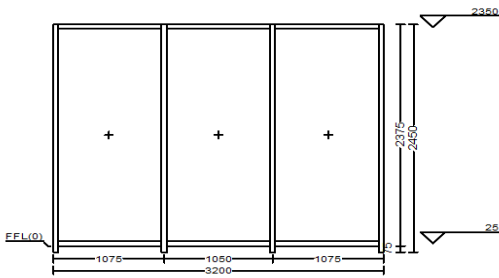
Panel	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Insulated Panel	1.006 m ²	1.10 W/m ² K	1.11 W/K
Total	1.006 m²	1.10 W/m²K	1.11 W/K

Interconnection Panel	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	9.984 m	0.000 W/mK	0.000 W/K

Position W-01 / W-13	34.068 m²	1.2 W/m²K	40.5 W/K
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Remarks:
This calculation is only for information.

Position: W-02



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.154 m ²	2.6 W/m ² K	0.40 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.345 m ²	2.6 W/m ² K	0.90 W/K
Total	0.499 m²	2.6 W/m²K	1.3 W/K

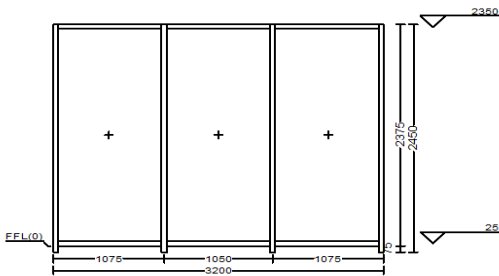
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	6.825 m ²	1.0 W/m ² K	6.8 W/K
Total	6.825 m²	1.0 W/m²K	6.8 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	19.650 m	0.035 W/mK	0.688 W/K

Position W-02	7.324 m²	1.2 W/m²K	8.8 W/K
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Remarks:
This calculation is only for information.

Position: W-03



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.154 m ²	2.6 W/m ² K	0.40 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.345 m ²	2.6 W/m ² K	0.90 W/K
Total	0.499 m²	2.6 W/m²K	1.3 W/K

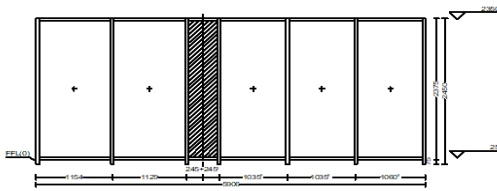
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	6.825 m ²	1.0 W/m ² K	6.8 W/K
Total	6.825 m²	1.0 W/m²K	6.8 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	19.650 m	0.035 W/mK	0.688 W/K

Position W-03	7.324 m²	1.2 W/m²K	8.8 W/K
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Remarks:
This calculation is only for information.

Position: W-04 / W-05



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.285 m ²	2.6 W/m ² K	0.74 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.690 m ²	2.6 W/m ² K	1.8 W/K
Total	0.975 m²	2.6 W/m²K	2.5 W/K

Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	11.638 m ²	1.0 W/m ² K	11.6 W/K
Total	11.638 m²	1.0 W/m²K	11.6 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	35.356 m	0.035 W/mK	1.237 W/K

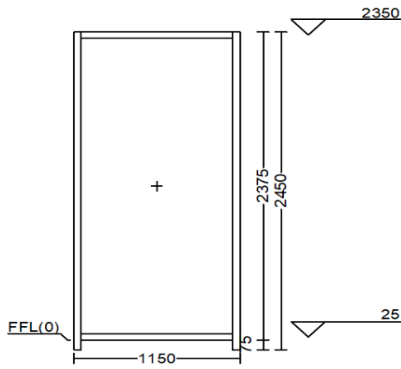
Panel	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Insulated Panel	1.002 m ²	1.10 W/m ² K	1.10 W/K
Total	1.002 m²	1.10 W/m²K	1.10 W/K

Interconnection Panel	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	9.981 m	0.000 W/mK	0.000 W/K

Position W-04 / W-05	13.615 m²	1.2 W/m²K	16.5 W/K
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Remarks:
This calculation is only for information.

Position: W-06



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.054 m ²	2.6 W/m ² K	0.14 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.115 m ²	2.6 W/m ² K	0.30 W/K
Total	0.169 m²	2.6 W/m²K	0.44 W/K

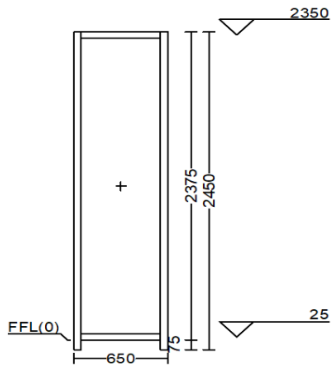
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	2.389 m ²	1.0 W/m ² K	2.4 W/K
Total	2.389 m²	1.0 W/m²K	2.4 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	6.650 m	0.035 W/mK	0.233 W/K

Position W-06	2.558 m²	1.2 W/m²K	3.1 W/K
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Remarks:
This calculation is only for information.

Position: W-07



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.029 m ²	2.6 W/m ² K	0.075 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.115 m ²	2.6 W/m ² K	0.30 W/K
Total	0.144 m²	2.6 W/m²K	0.37 W/K

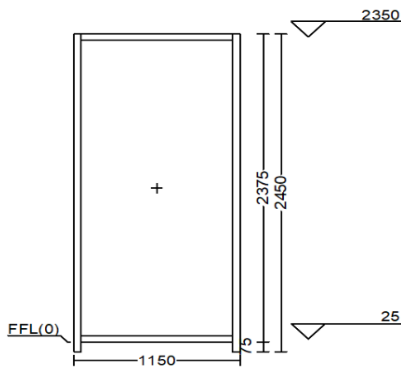
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	1.251 m ²	1.0 W/m ² K	1.3 W/K
Total	1.251 m²	1.0 W/m²K	1.3 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	5.650 m	0.035 W/mK	0.198 W/K

Position W-07	1.395 m²	1.3 W/m²K	1.8 W/K
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Remarks:
This calculation is only for information.

Position: W-08



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.054 m ²	2.6 W/m ² K	0.14 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.115 m ²	2.6 W/m ² K	0.30 W/K
Total	0.169 m²	2.6 W/m²K	0.44 W/K

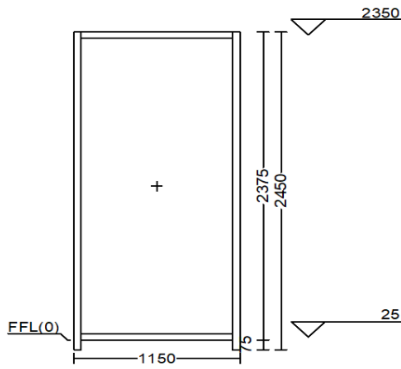
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	2.389 m ²	1.0 W/m ² K	2.4 W/K
Total	2.389 m²	1.0 W/m²K	2.4 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	6.650 m	0.035 W/mK	0.233 W/K

Position W-08	2.558 m²	1.2 W/m²K	3.1 W/K
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Remarks:
This calculation is only for information.

Position: W-09



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.054 m ²	2.6 W/m ² K	0.14 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.115 m ²	2.6 W/m ² K	0.30 W/K
Total	0.169 m²	2.6 W/m²K	0.44 W/K

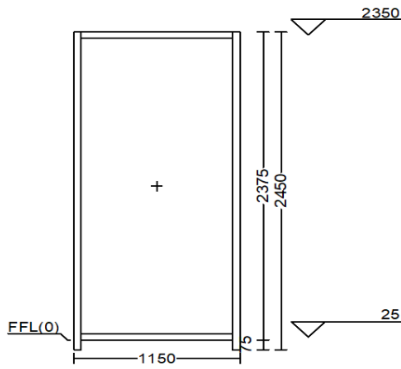
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	2.389 m ²	1.0 W/m ² K	2.4 W/K
Total	2.389 m²	1.0 W/m²K	2.4 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	6.650 m	0.035 W/mK	0.233 W/K

Position W-09	2.558 m²	1.2 W/m²K	3.1 W/K
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Remarks:
This calculation is only for information.

Position: W-10



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.054 m ²	2.6 W/m ² K	0.14 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.115 m ²	2.6 W/m ² K	0.30 W/K
Total	0.169 m²	2.6 W/m²K	0.44 W/K

Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	2.389 m ²	1.0 W/m ² K	2.4 W/K
Total	2.389 m²	1.0 W/m²K	2.4 W/K

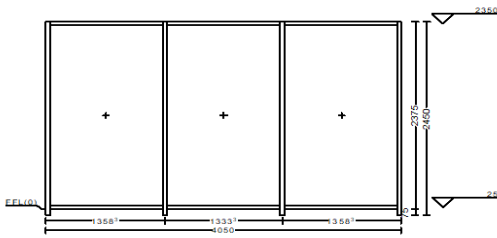
Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	6.650 m	0.035 W/mK	0.233 W/K

Position W-10	2.558 m²	1.2 W/m²K	3.1 W/K
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Remarks:

This calculation is only for information.

Position: W-11



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.196 m ²	2.6 W/m ² K	0.51 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.345 m ²	2.6 W/m ² K	0.90 W/K
Total	0.541 m²	2.6 W/m²K	1.4 W/K

Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	8.759 m ²	1.0 W/m ² K	8.8 W/K
Total	8.759 m²	1.0 W/m²K	8.8 W/K

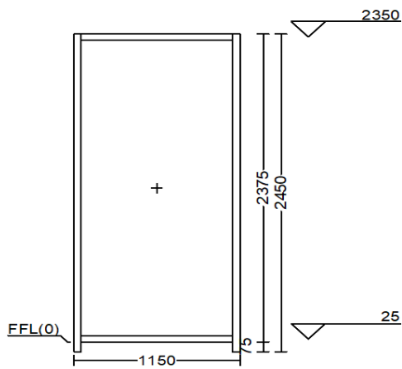
Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	21.350 m	0.035 W/mK	0.747 W/K

Position W-11	9.300 m²	1.2 W/m²K	10.9 W/K
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Remarks:

This calculation is only for information.

Position: W-12



Brief Description:	<None>
System:	APS ACW Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
ACW 100, ACW 155_T, 5004#, ACW 009, AC	0.054 m ²	2.6 W/m ² K	0.14 W/K
ACW 095, ACW 155, 5004#, ACW 009, ACW	0.115 m ²	2.6 W/m ² K	0.30 W/K
Total	0.169 m²	2.6 W/m²K	0.44 W/K

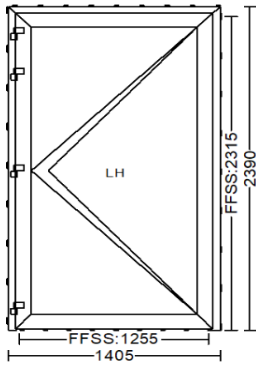
Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	2.389 m ²	1.0 W/m ² K	2.4 W/K
Total	2.389 m²	1.0 W/m²K	2.4 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	6.650 m	0.035 W/mK	0.233 W/K

Position W-12	2.558 m²	1.2 W/m²K	3.1 W/K
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Remarks:
This calculation is only for information.

Position: D-03



Brief Description:	<None>
System:	APS AP100 / AP200 Standard
Quantity:	1 Pcs
View:	Exterior View

Profile	Af(m ²)	Uf(W/m ² K)	Af * Uf (W/K)
AP 205-206, AP 216-216	0.146 m ²	2.9 W/m ² K	0.42 W/K
AP 201-202, AP 205-206	0.876 m ²	2.5 W/m ² K	2.2 W/K
Total	1.022 m²	2.6 W/m²K	2.6 W/K

Glass	Ag(m ²)	Ug(W/m ² K)	Ag * Ug (W/K)
Double Glazed Units G=0.43	2.336 m ²	1.0 W/m ² K	2.3 W/K
Total	2.336 m²	1.0 W/m²K	2.3 W/K

Interconnection Glass	Lg(W/mK)	Psi(W/mK)	Psi * Lg (W/K)
Total	6.445 m	0.035 W/mK	0.226 W/K

Position D-03	3.358 m²	1.5 W/m²K	5.2 W/K
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Remarks:
This calculation is only for information.

Appendix C

Finishes Document

23197 – Lidl Newcastle, Co. Dublin.

Proposed external finishes – Buildings – Rev. B

12.03.2024

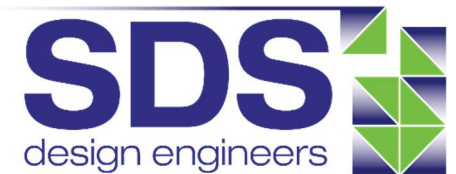
CIVIL, BUILDING & STRUCTURAL ENGINEERS

Head Office: Unit 9, N5 Business Park, Castlebar, Co. Mayo, F23 E283 Tel: +353 (0)94 9034914

Dublin: Silverdale, Old Swords Road, Santry, Dublin 9. Tel: +353 (0)1 6877480

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Email: info@structuraldesign.ie Web: www.structuraldesign.ie



Buildings C & D Café/Retail units.



Roof finish 1 (facing carpark).

VM Quartz Plus Zinc roof.

Roof finish 2 (facing Athgoe Road).

Natural slate tiles, colour blue/black.

Proposed walls finish

Natural stone finish to match existing boundary walls on Athgoe Road.

Proposed external windows (facing Athgoe Road, existing building heritage façade).

Aluminium frame windows-double glazed coated aluminium coloured grey RAL 7024 (dark grey) to achieve min 1.20 (W/m²K) u-value with stone cills.

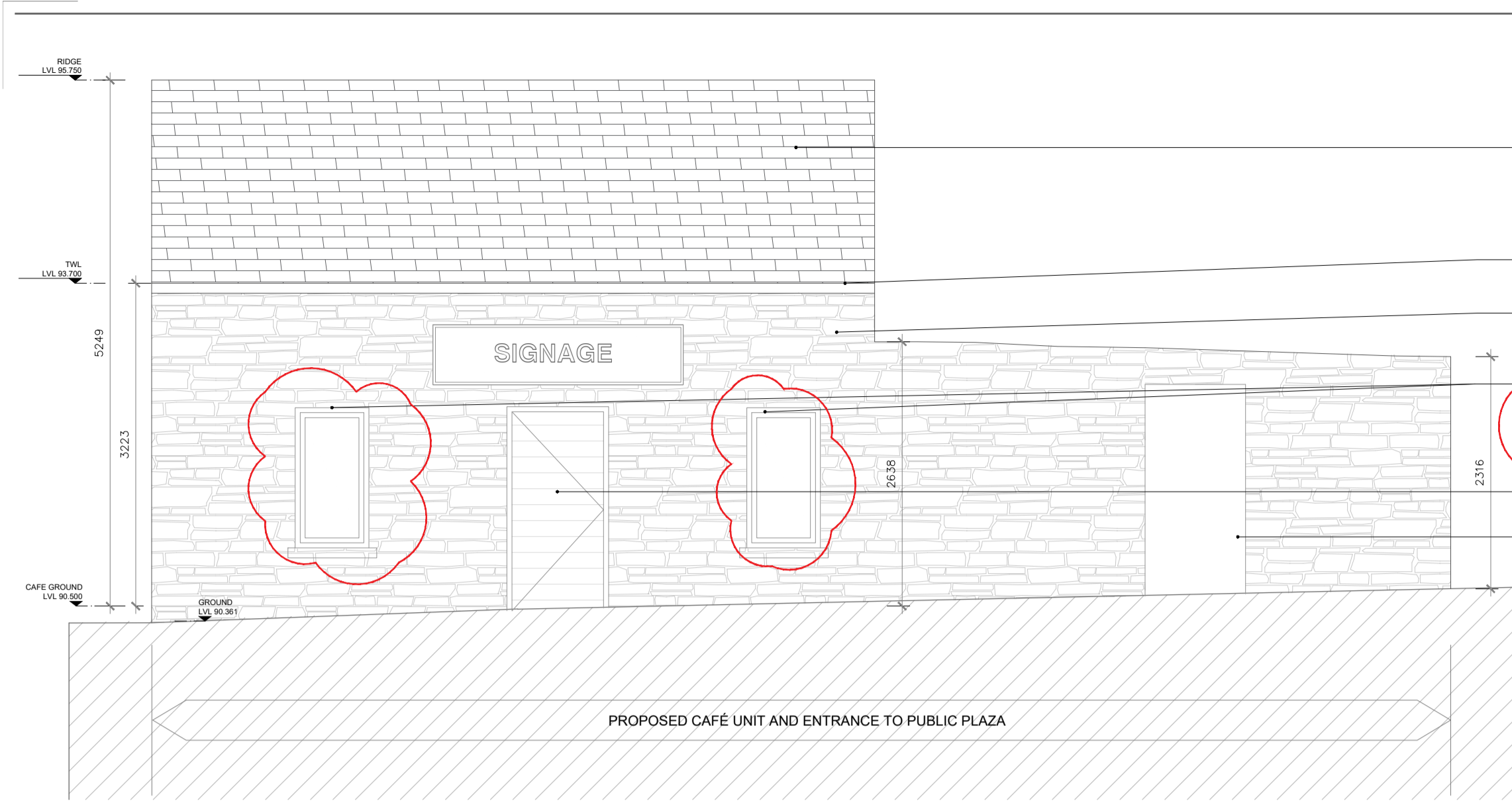
Proposed external windows (facing into carpark, extension part of building).

Aluminium frame windows-double glazed coated aluminium coloured grey RAL 7024 (dark grey) to achieve min 1.20 (W/m²K) u-value with aluminium cills.

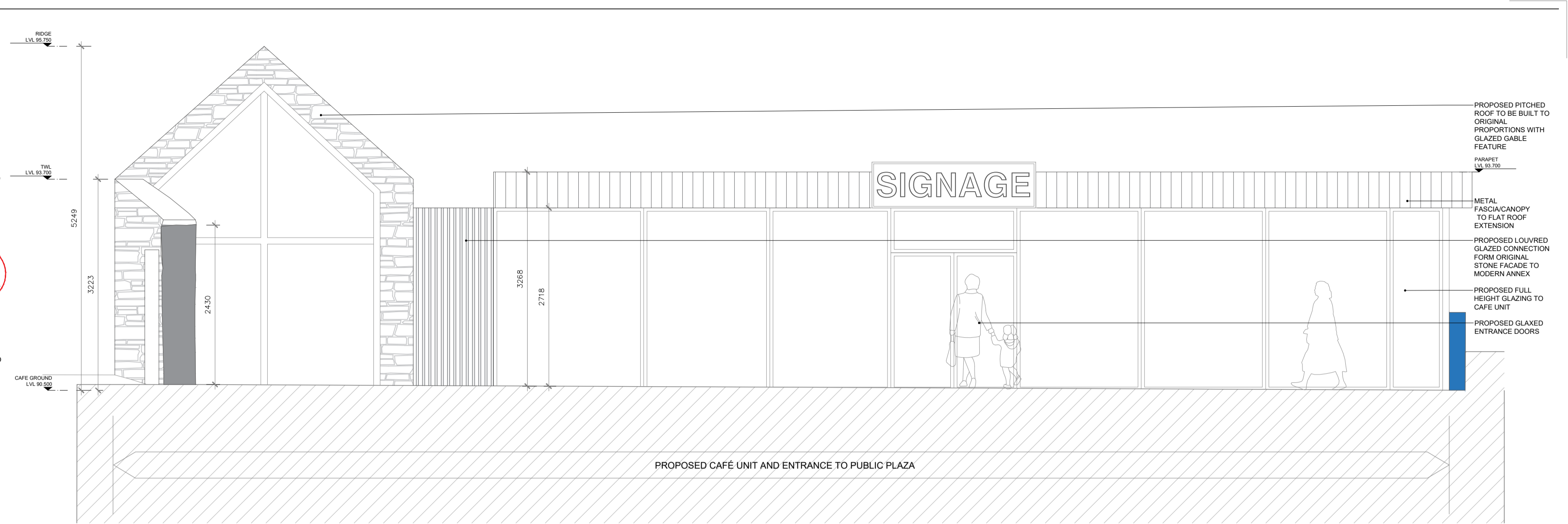


Appendix D

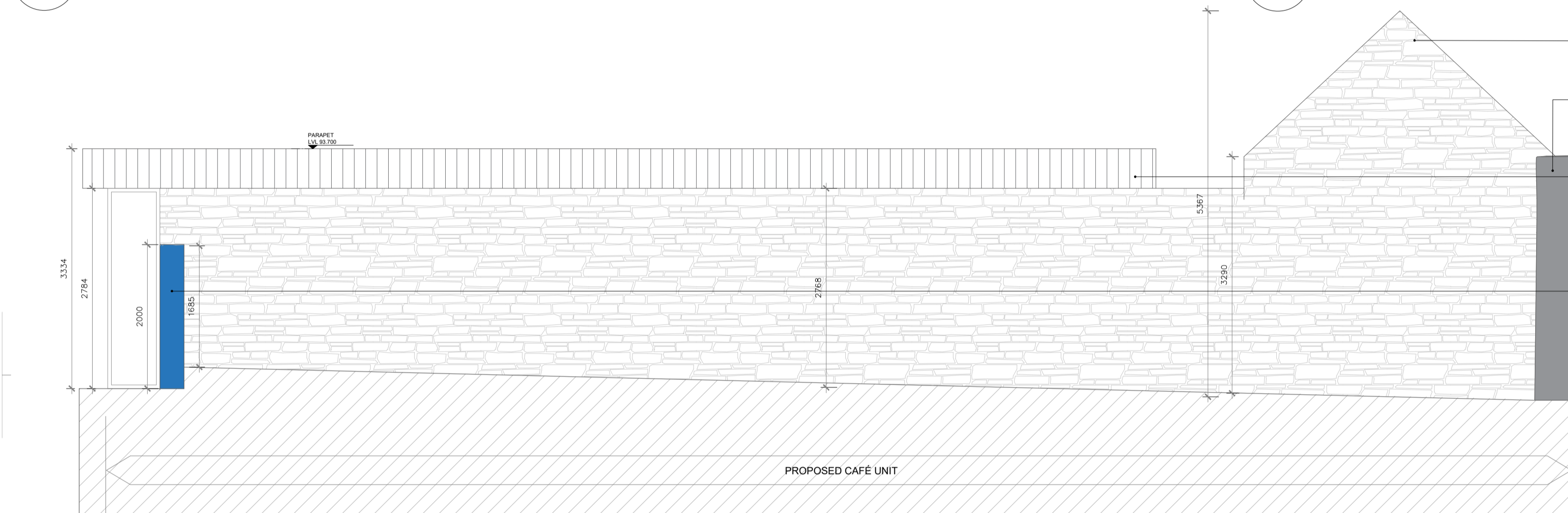
Building C Elevations



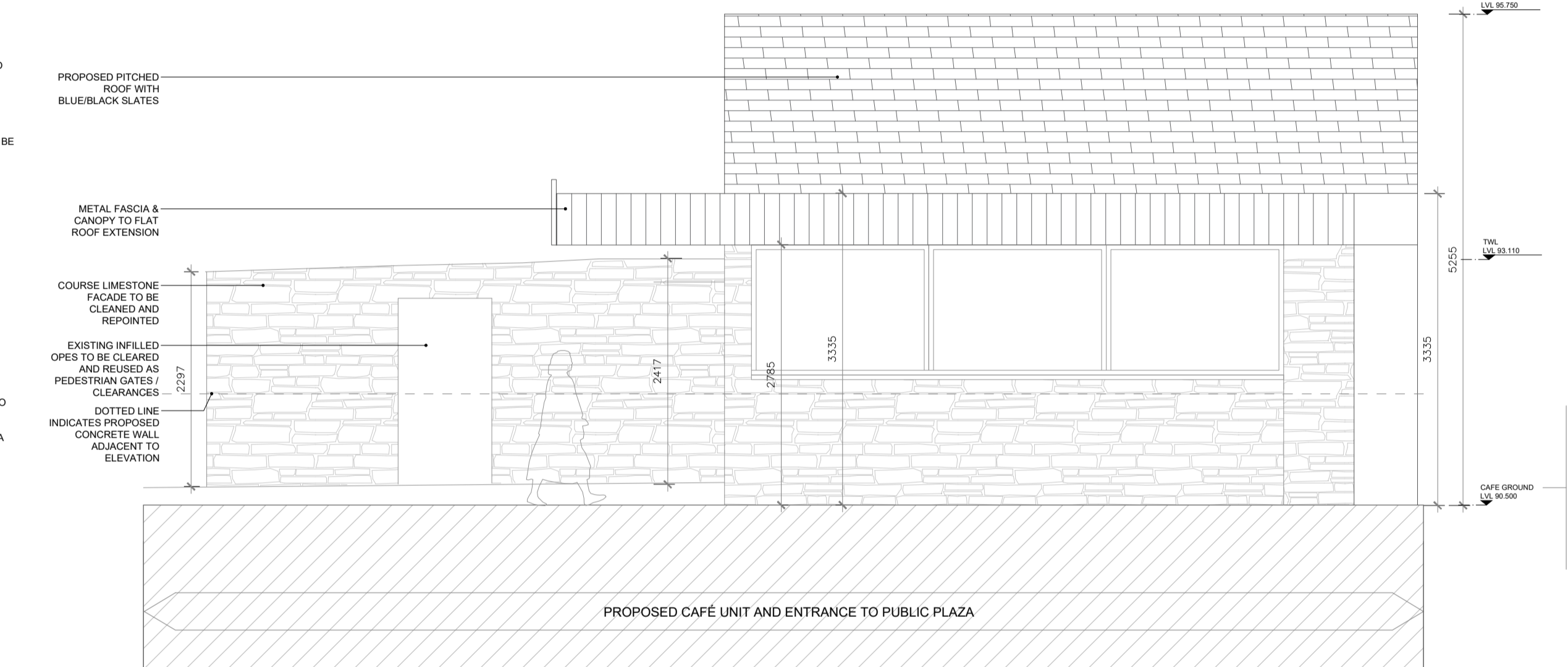
01 Building C - Proposed Front (North) Elevation
PA 302 1:50



03 Building C - Proposed Side (West) Elevation
PA 302 1:50



03 Building C - Proposed Side (East) Elevation
PA 302 1:50



04 Building C - Proposed Rear (South) Elevation
PA 302 1:50

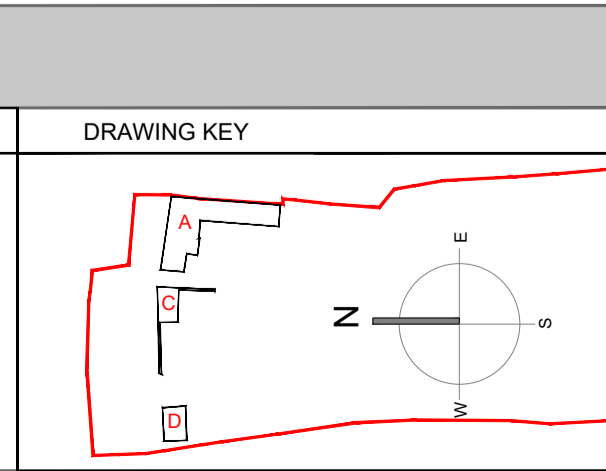
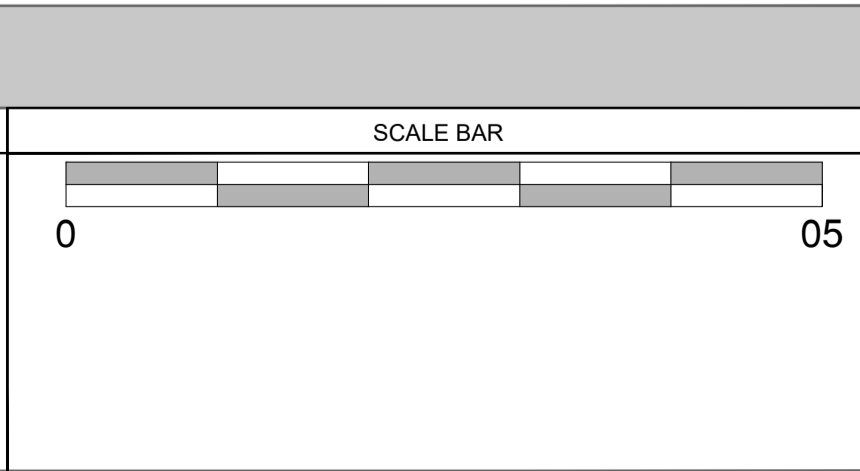


05 Building C - Section AA
PA 302 1:50

NOTES:
Do not scale from this drawing.
Any discrepancies found on site to be reported to Darmody Architects immediately.
Any discrepancies found on drawings to be reported to Darmody Architects immediately.
Refer to engineers drawings for structural details.
All dimensions sized to blockwork.

Rev.	Description	Date	Initials
A	Windows type uploaded	12/03/24	EL

DRAWING KEY	
	Proposed New Intervention to Existing Structure



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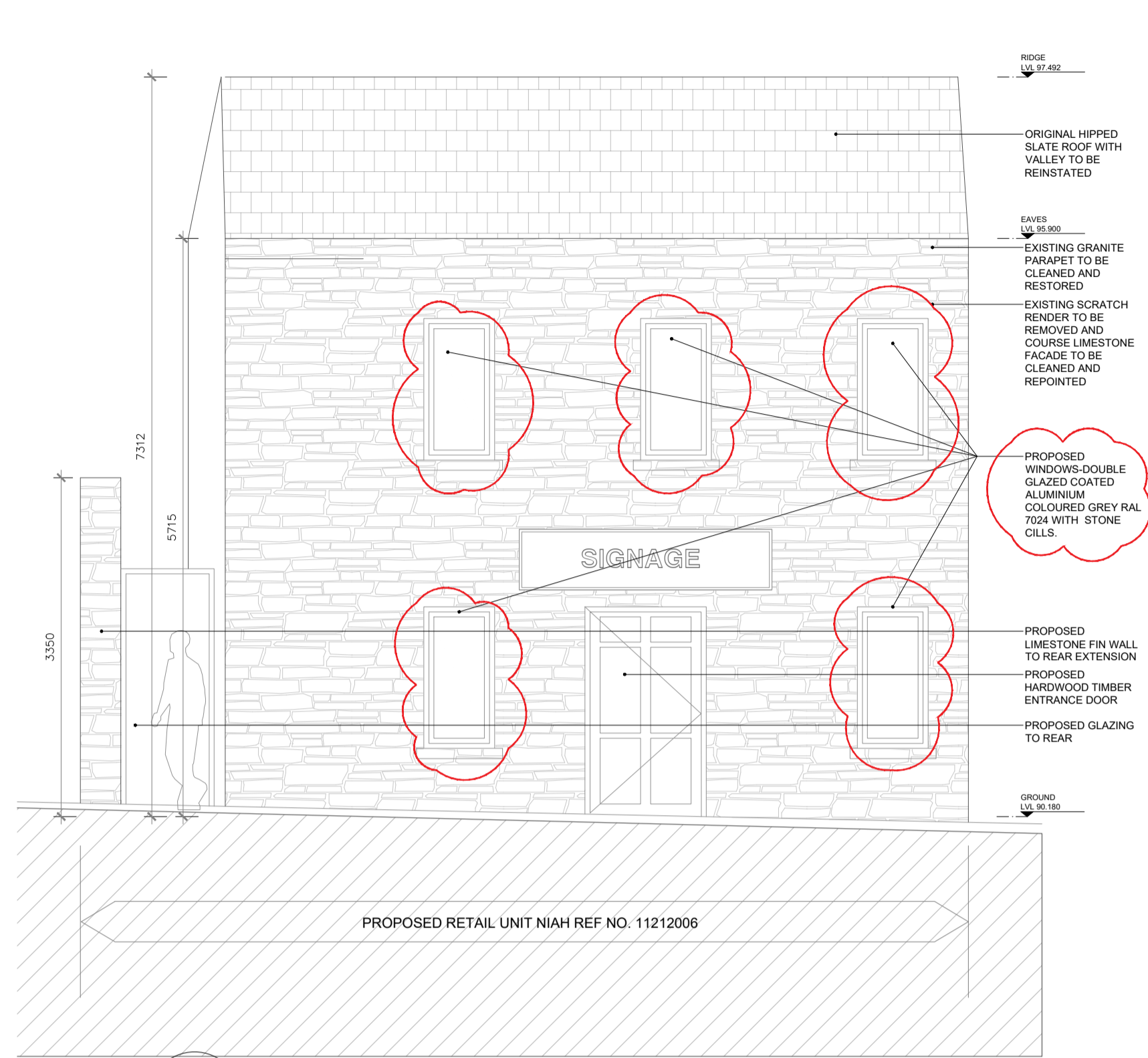
91 Townsend Street,
Dublin 2
353 1 672 9907
info@darmodyarchitecture.com
darmodyarchitecture.com

Rev. No.	Scale	Date	Dm. By	Chkd. By	Issue
A	1:50 @ A1	11/05/2022	Kevin Barry	Alan Ryan	CFI

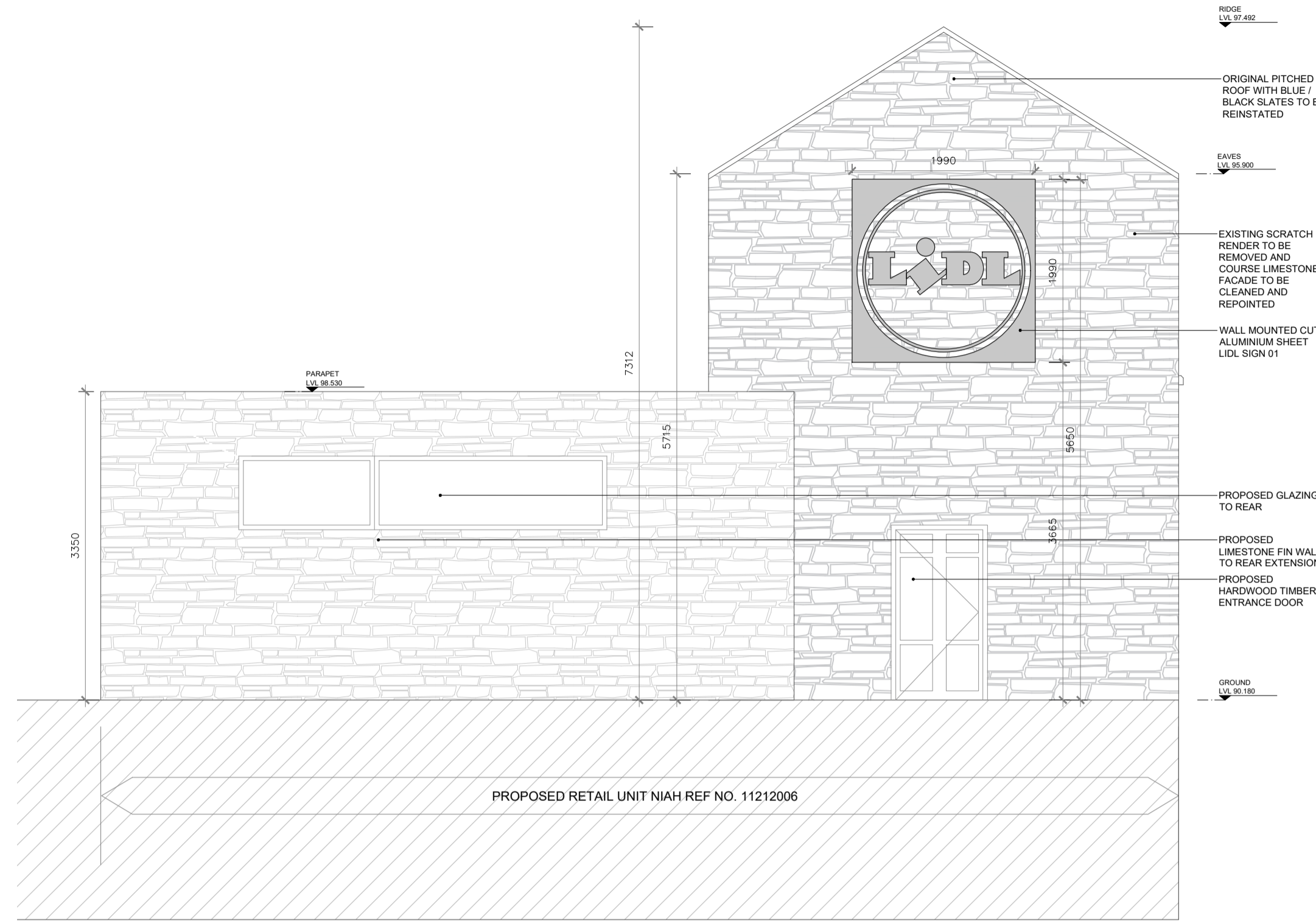
Project	Proposed Lidl Store at Newcastle, Co. Dublin
Title	Building C - Proposed Elevations & Section
Client	Lidl Ireland GmbH
Dwg. No.	PA-302
Job No.	22013

Appendix E

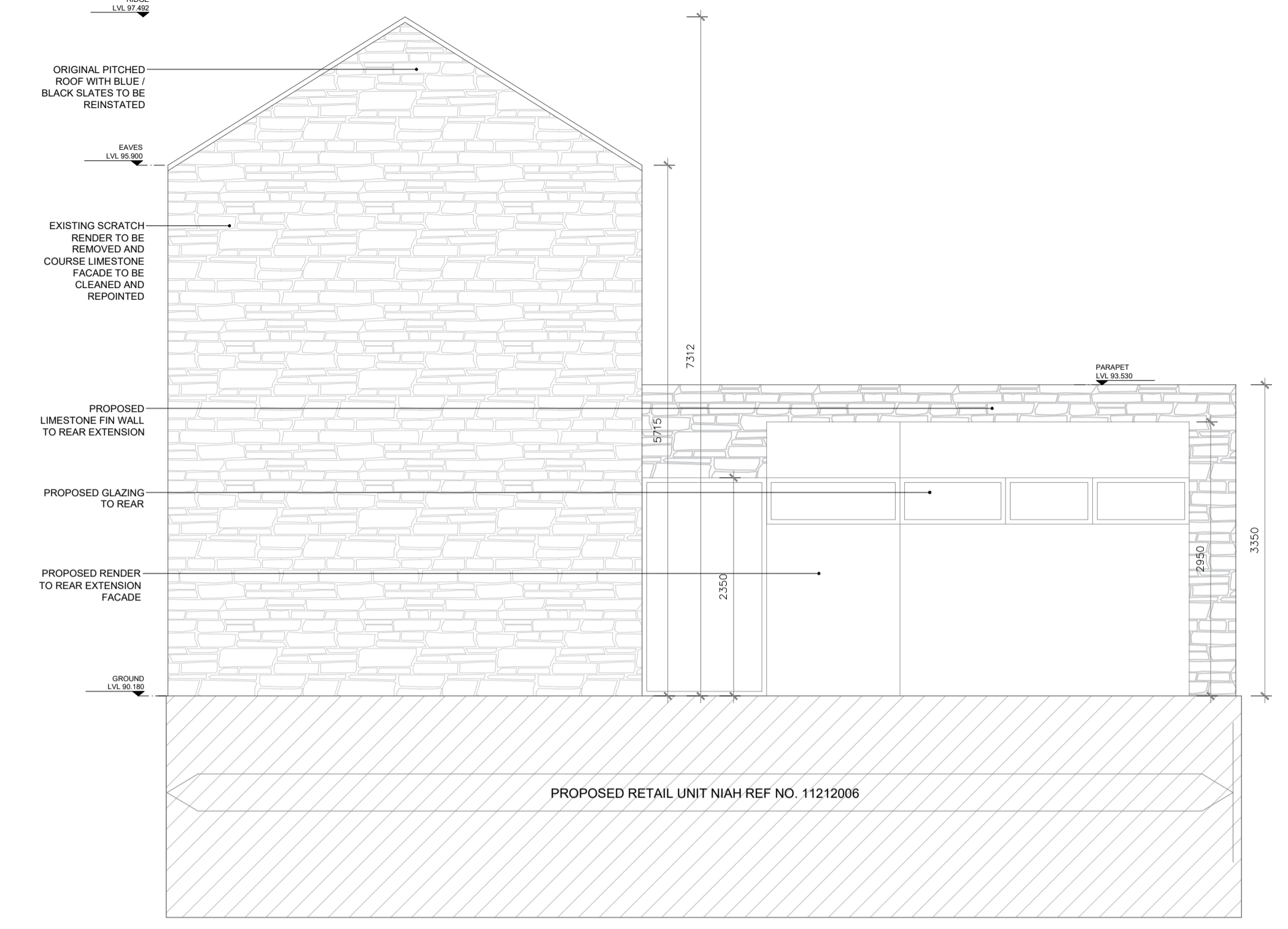
Building D Elevations



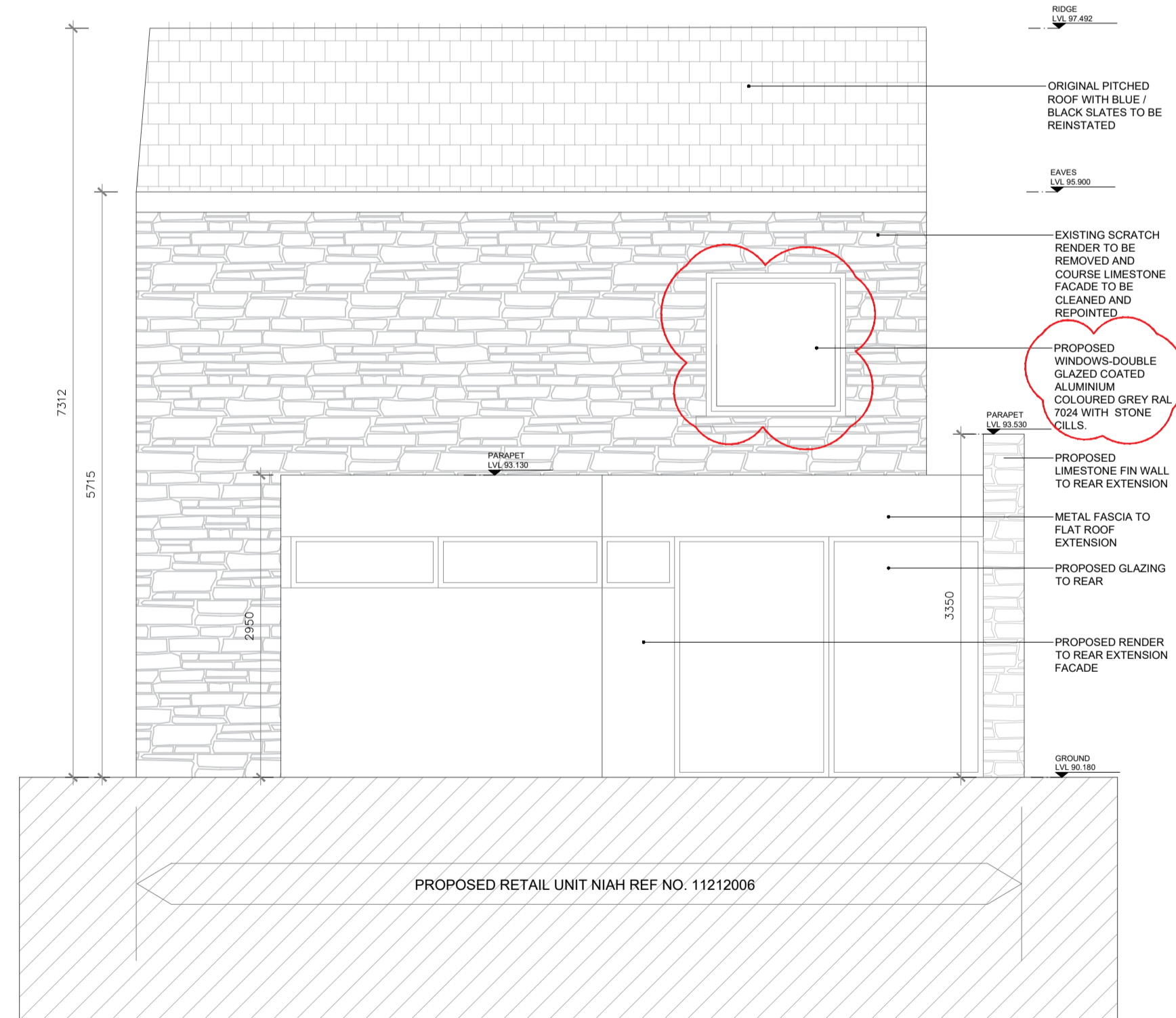
01 Building D - Proposed Front (North) Elevation
PA 303 1:50



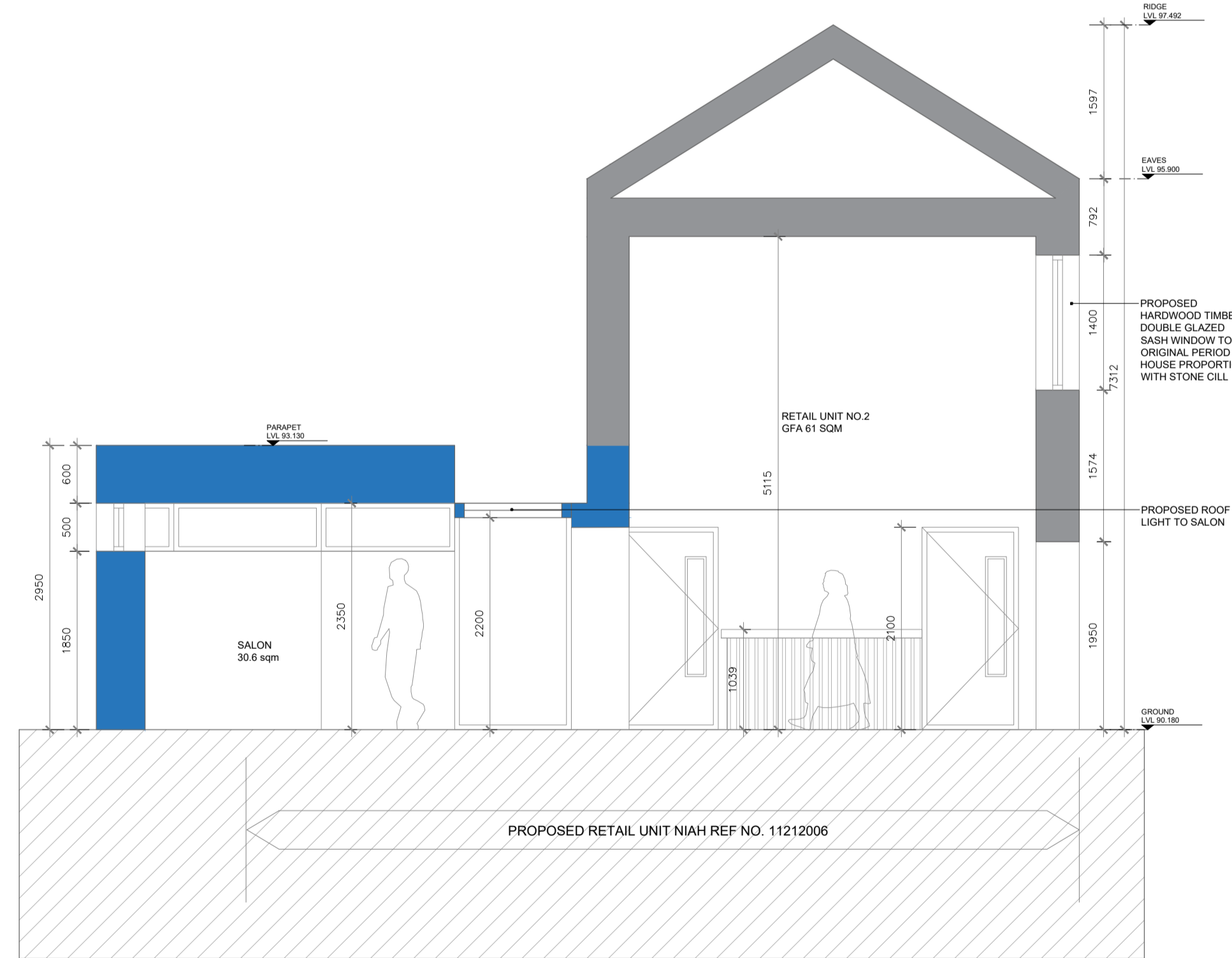
02 Building D - Proposed Side (East) Elevation
PA 303 1:50



03 Building D - Proposed Side (West) Elevation
PA 303 1:50



04 Building D - Proposed Rear (South) Elevation
PA 303 1:50

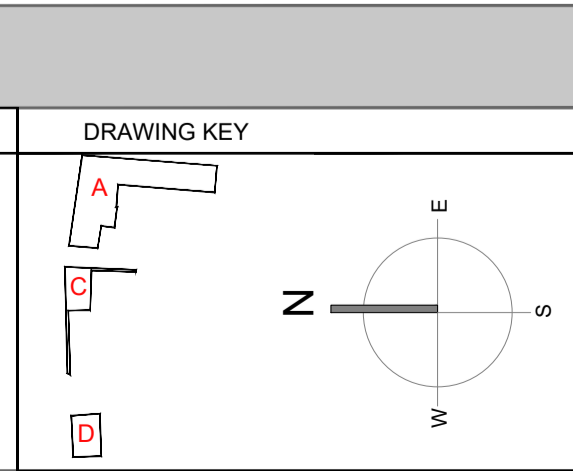
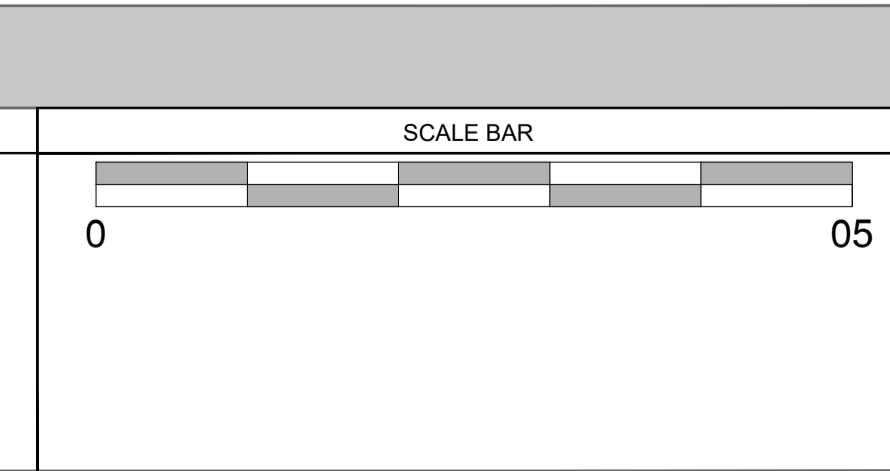


05 Building D - Proposed Section AA
PA 303 1:50

NOTES:
Do not scale from this drawing.
Any discrepancies found on site to be reported to Darmody Architects immediately.
Any discrepancies found on drawings to be reported to Darmody Architects immediately.
Refer to engineers drawings for structural details.
All dimensions sized to blockwork.

Rev.	Description	Date	Initials
A	Metal Lid Sign added	02/02/23	MP
B	Windows type uploaded	12/03/24	EL

DRAWING KEY	
	Proposed New Intervention to Existing Structure



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Rev. No.	Scale	Date	Dm. By	Chkd. By	Issue
B	1:50 @ A1	11/05/2022	Kevin Barry	Alan Ryan	CFI

Project	Proposed Lidl Store at Newcastle, Co. Dublin
Title	Building D - Proposed Elevations & Section
Client	Lidl Ireland GmbH
Dwg. No.	PA-303
Job No.	22013