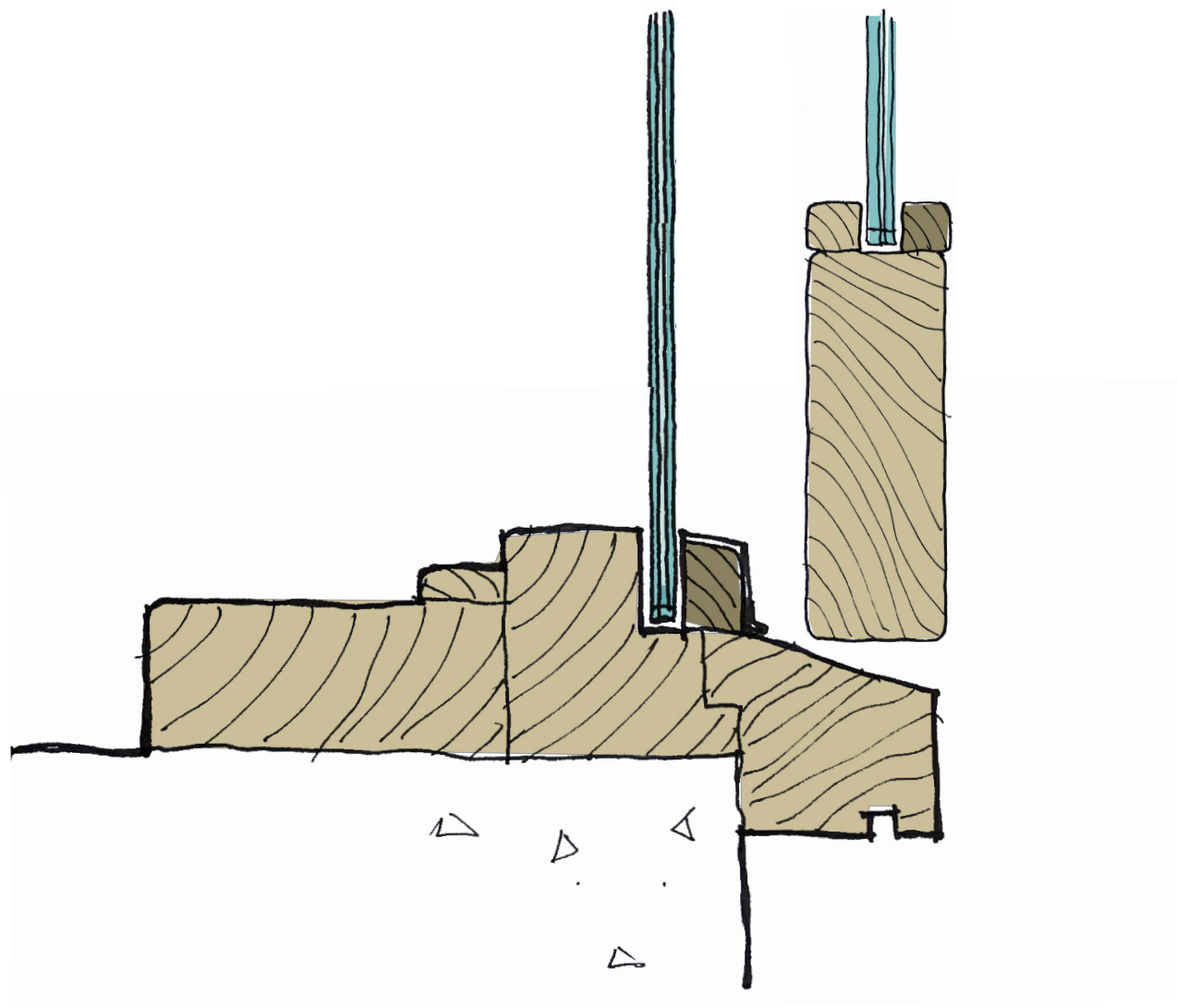
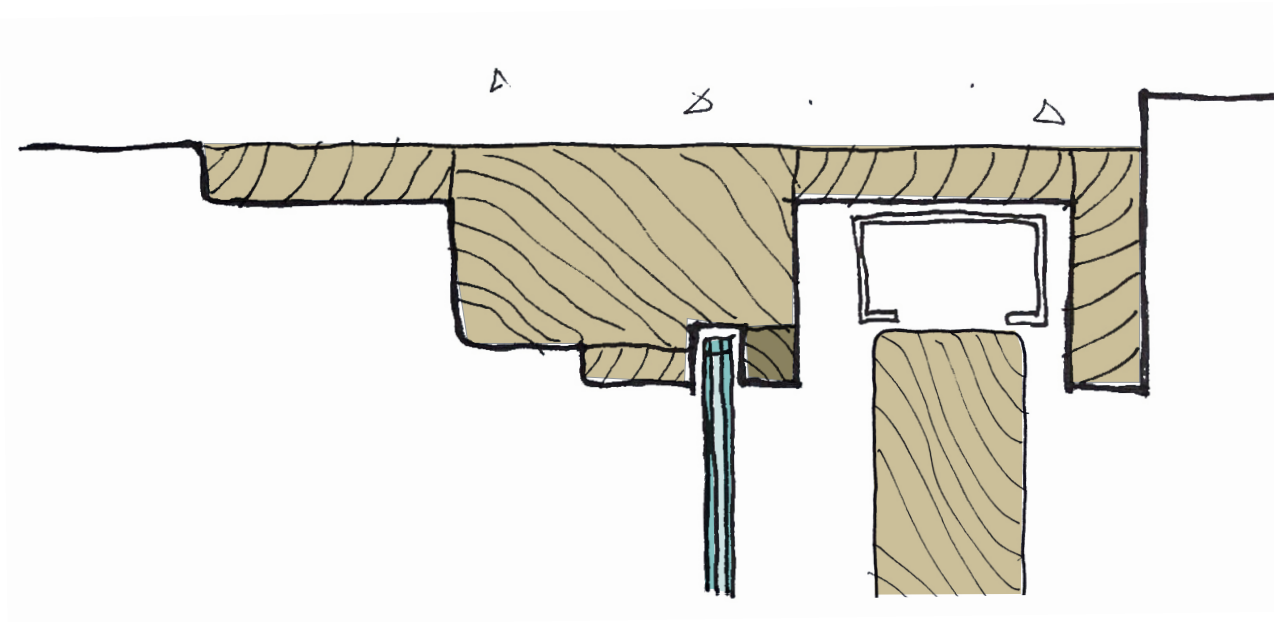


# Alexandra Road Estate Thermal improvements

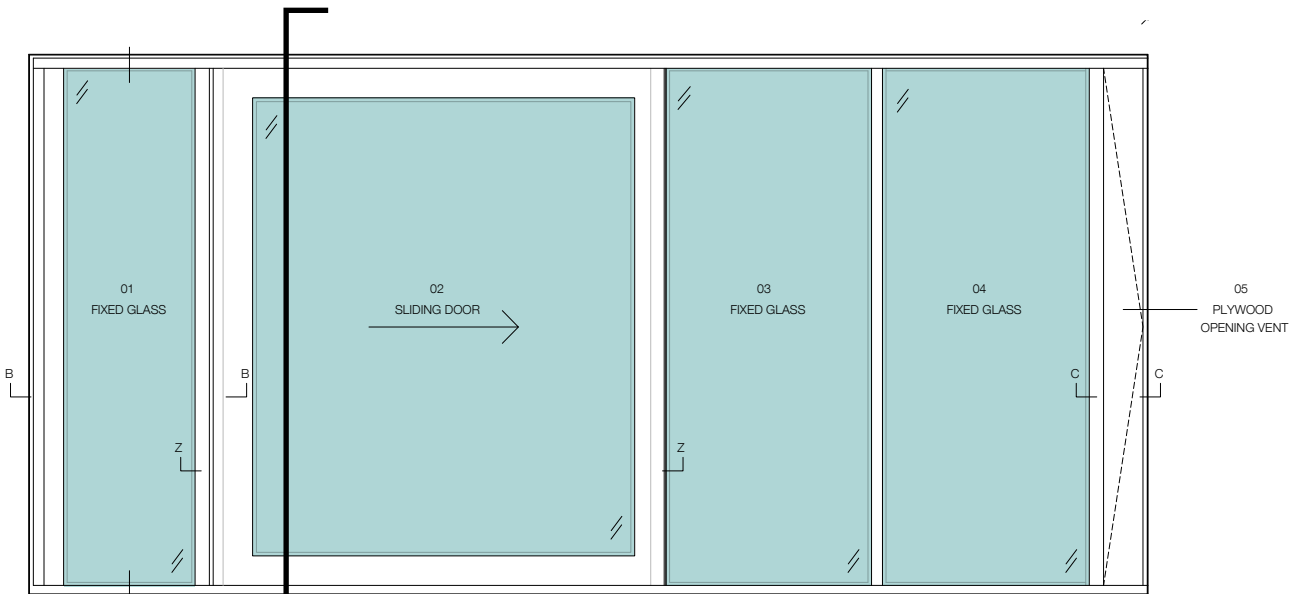
Draft Options | 17th Sept 2020

# Window refurbishment works

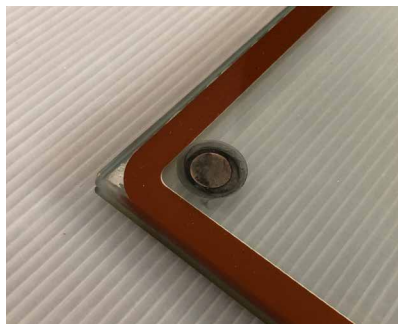


## Proposed works

Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.



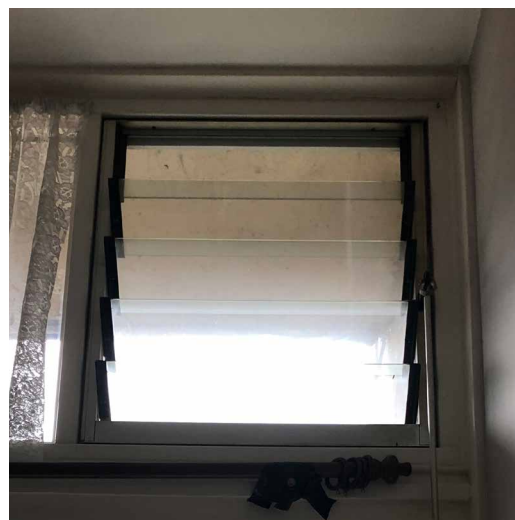
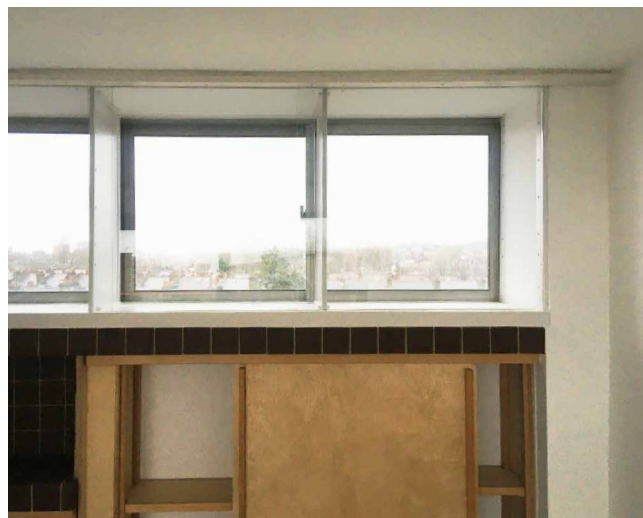
Section through head and sill of fixed and sliding windows - vacuum glazing










Vacuum glazing



# Window refurbishment works



## Proposed works

-  Review and re-seal window or door where necessary
-  Fixed secondary glazing to retained wire glass
-  Insulate plywood fixed panel
-  Insulate plywood opening vent, replace handle and re-seal
-  Refurbish secondary glazing where missing, difficult to operate or broken
-  Replace louvred glass with top hung window on winder
-  Refurbish operation and seals of window where broken

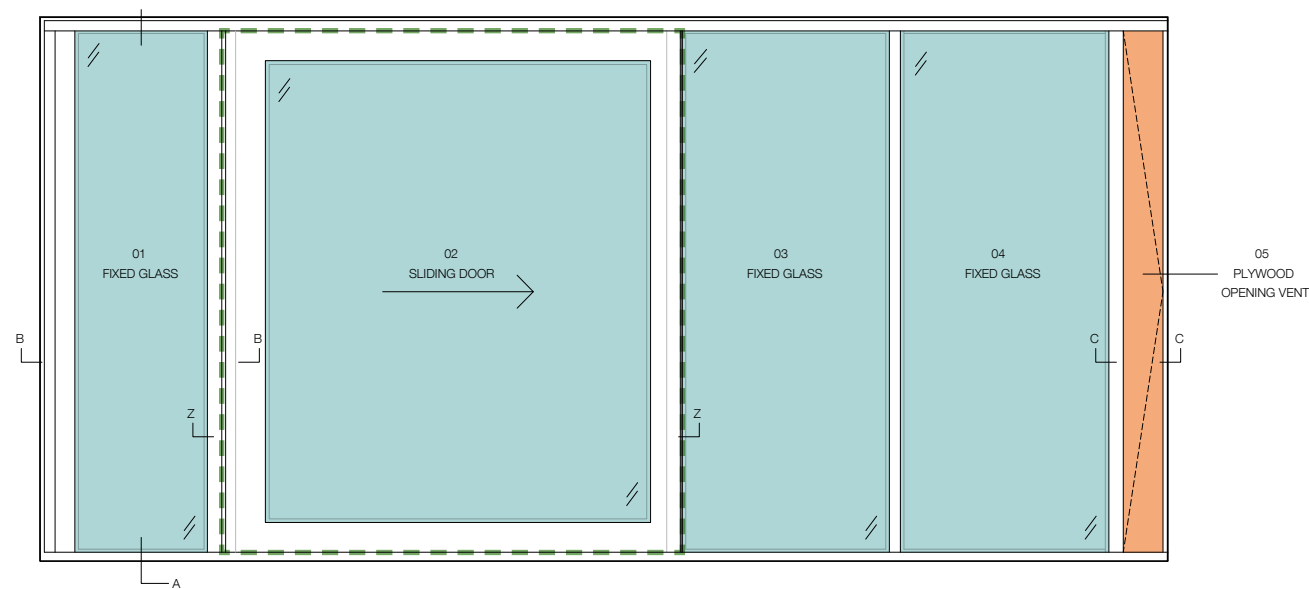


# Louvred glass

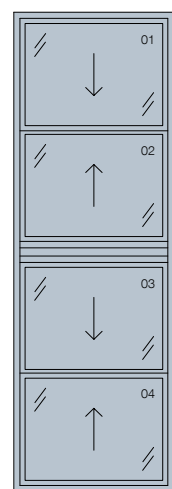




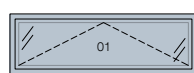
# Window refurbishment - Unit type A1



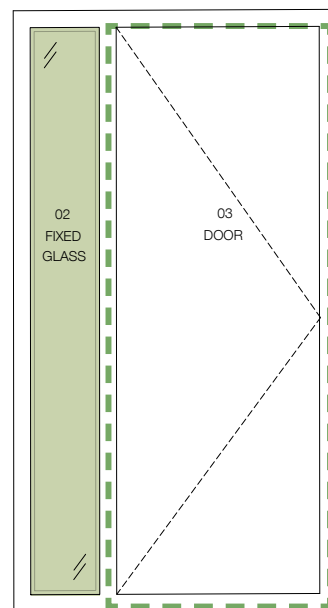
A1 - S - 01



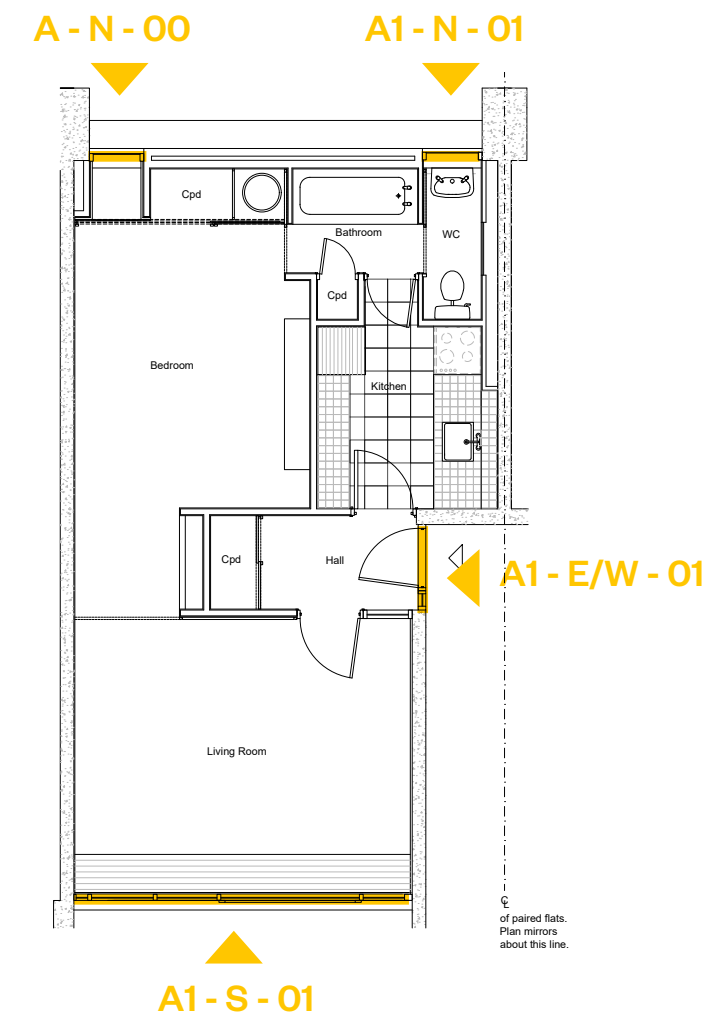
A - N - 00



A1 - N - 01



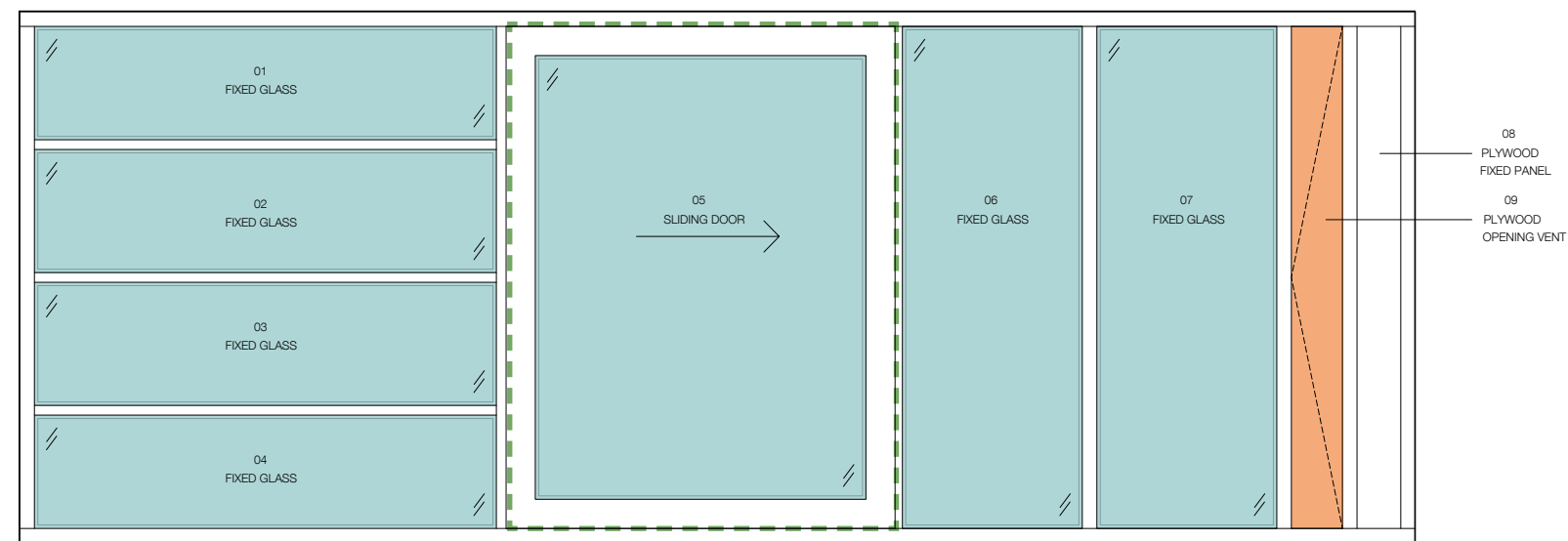
A1 - E/W - 01



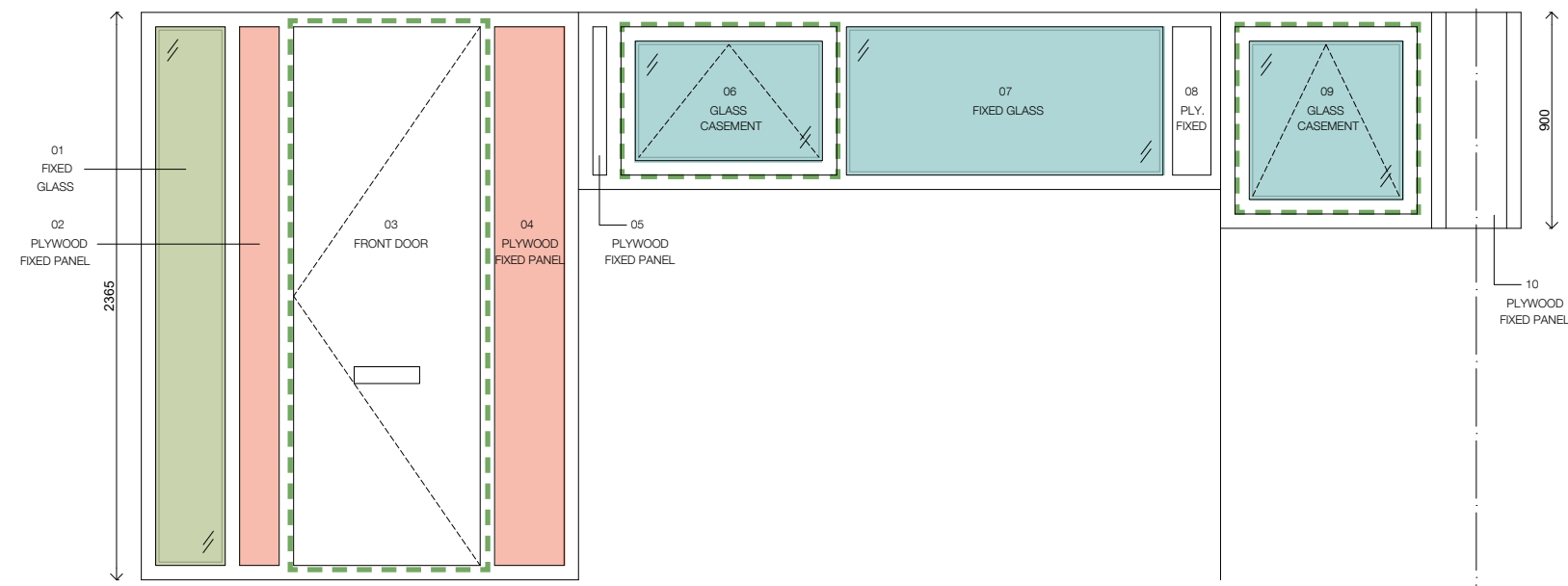
## Proposed works

- Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
- Review and re-seal window or door where necessary
- Insulate plywood opening vent, replace handle and re-seal
- Fixed secondary glazing to retained wire glass
- Refurbish operation and seals of window where broken

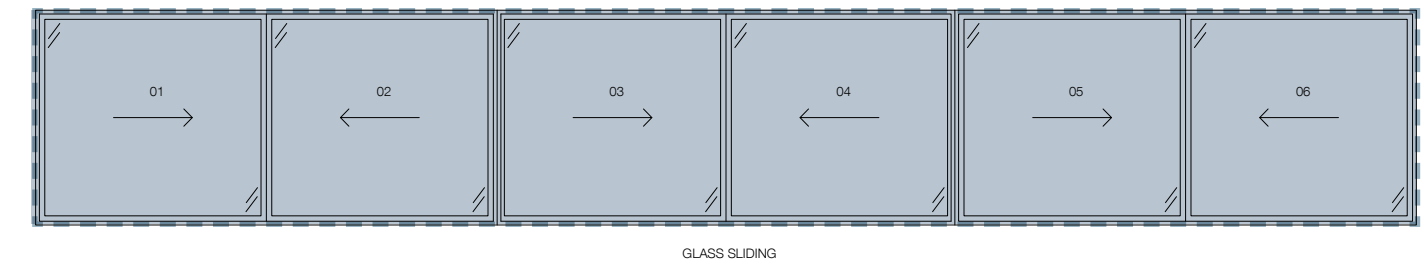
# Window refurbishment - Unit type A2



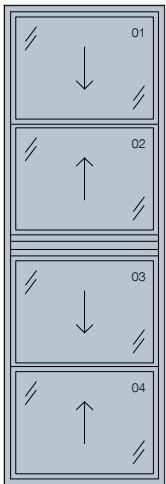
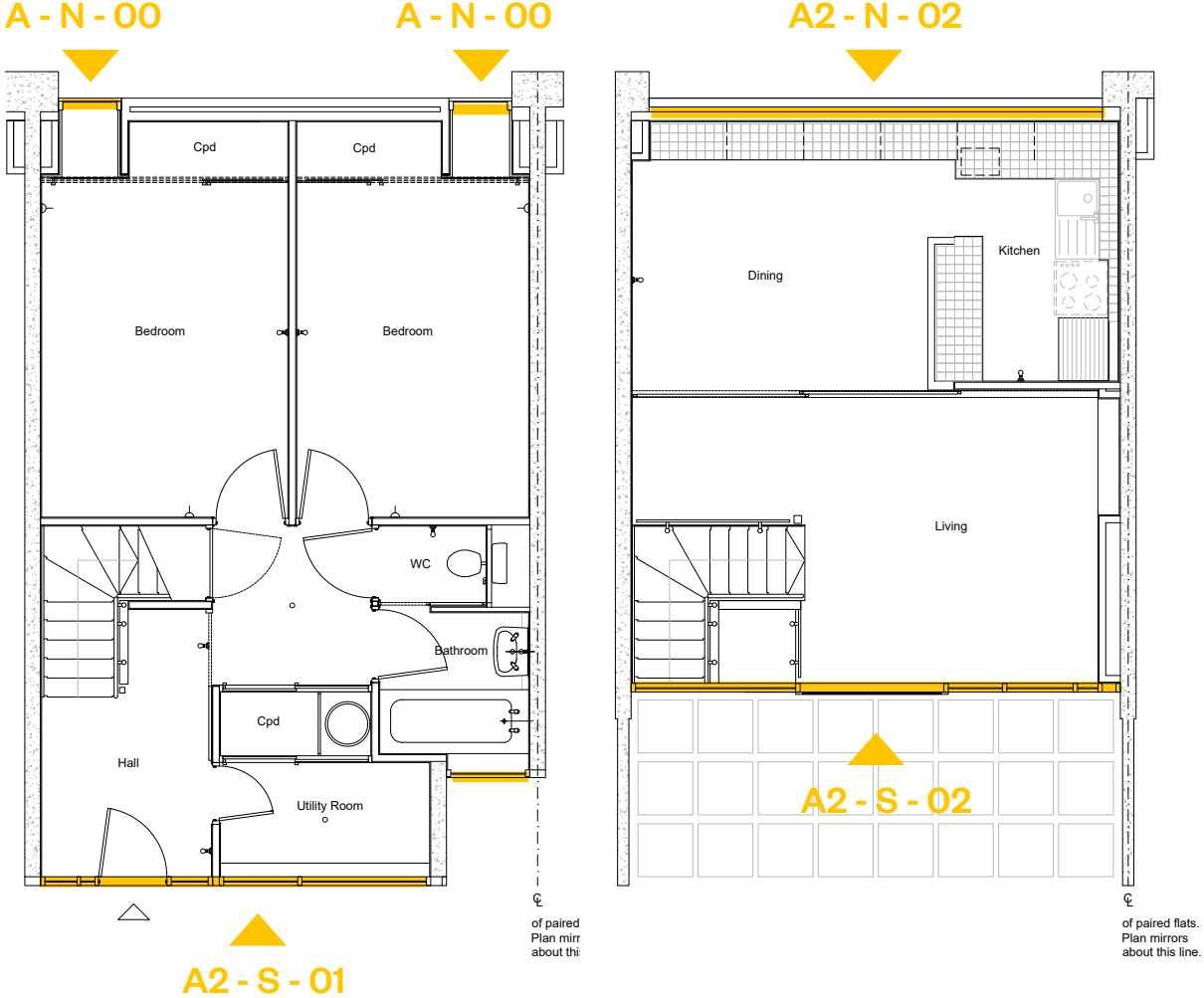
A2 - S - 02



A2 - S - 01



A2 - N - 02

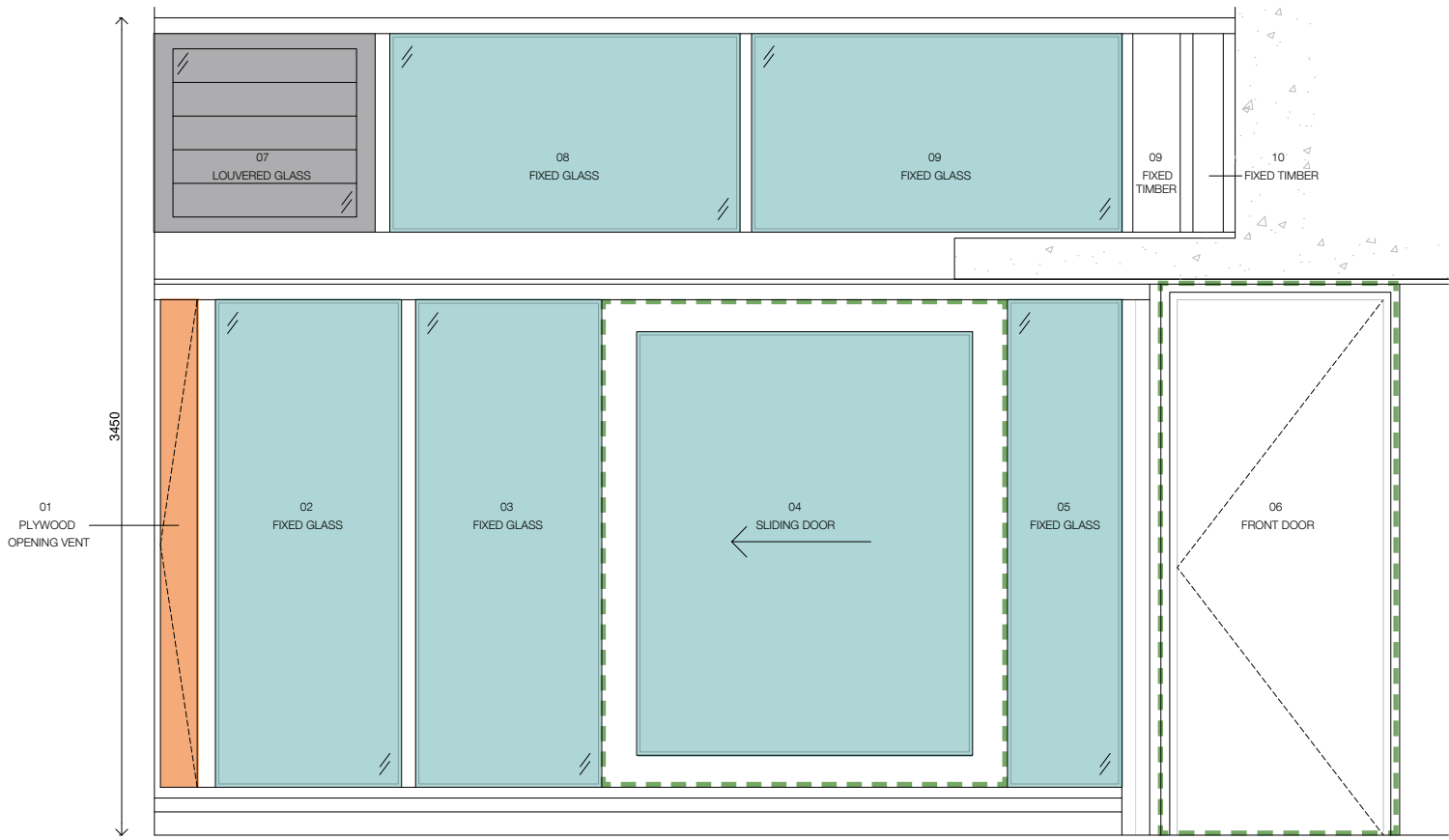


A - N - 00

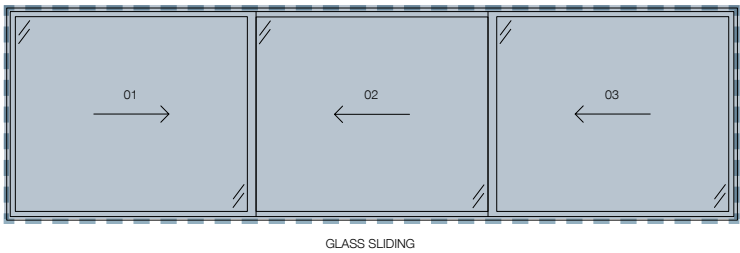
## Proposed works

- Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
- Review and re-seal window or door where necessary
- Insulate plywood opening vent, replace handle and re-seal
- Fixed secondary glazing to retained wire glass
- Refurbish operation and seals of window where broken
- Insulate plywood fixed panel
- Refurbish secondary glazing where missing, difficult to operate or broken

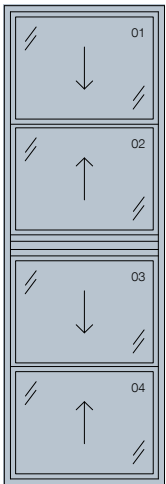
# Window refurbishment - Unit type A3



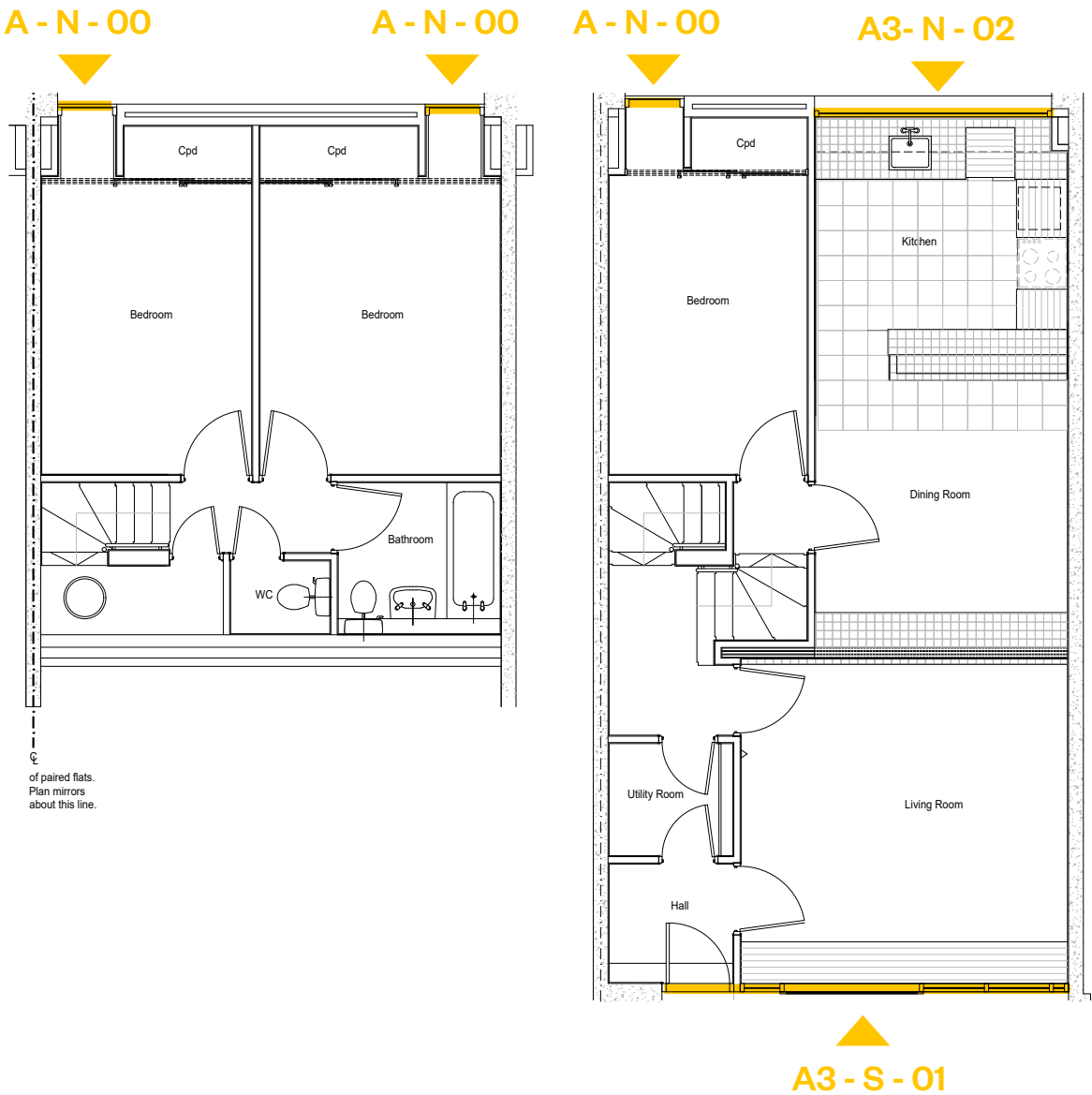
A3 - S - 01









A3 - N - 02



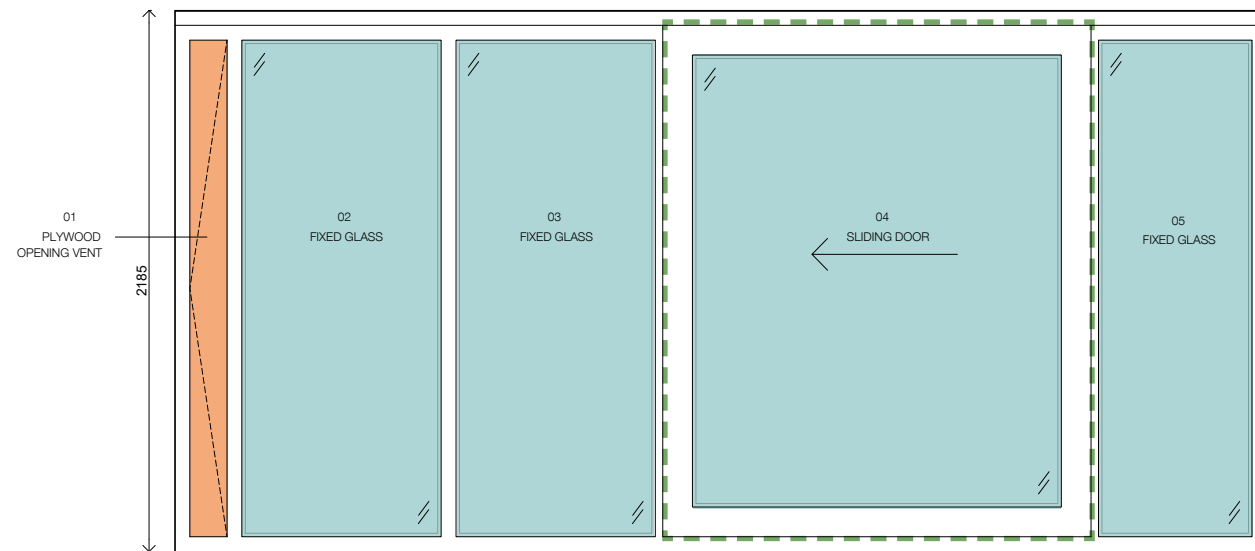
A - N - 00



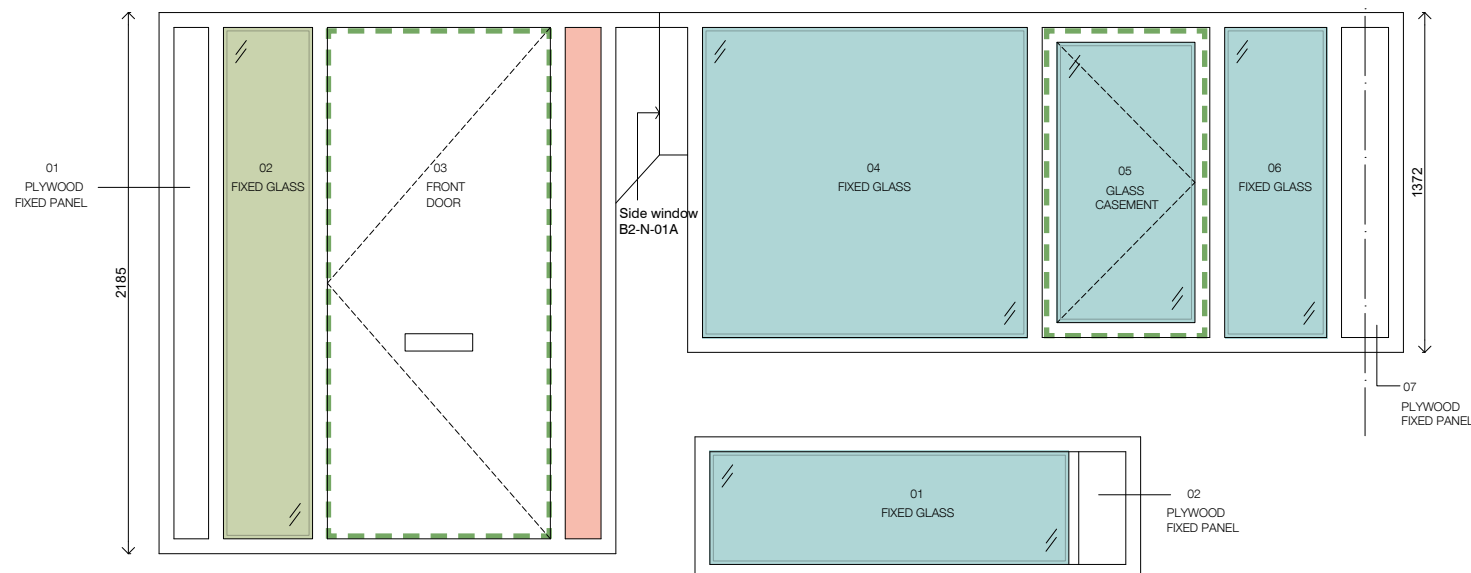
## Proposed works

-  Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
-  Review and re-seal window or door where necessary
-  Insulate plywood opening vent, replace handle and re-seal
-  Refurbish operation and seals of window where broken
-  Replace louvered glass with top hung window on winder
-  Refurbish secondary glazing where missing, difficult to operate or broken

# Window refurbishment - Unit type B2

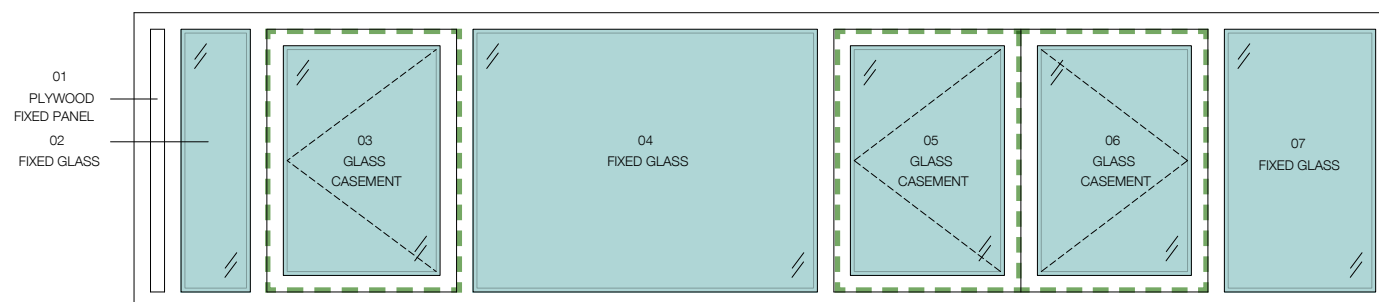


**B2 - N - 02**

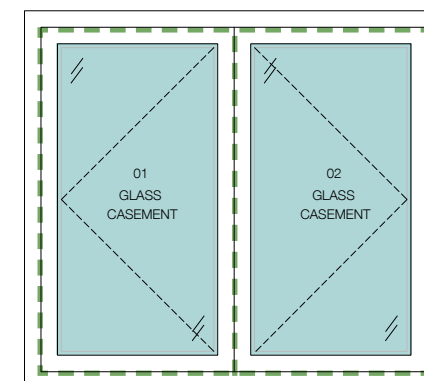
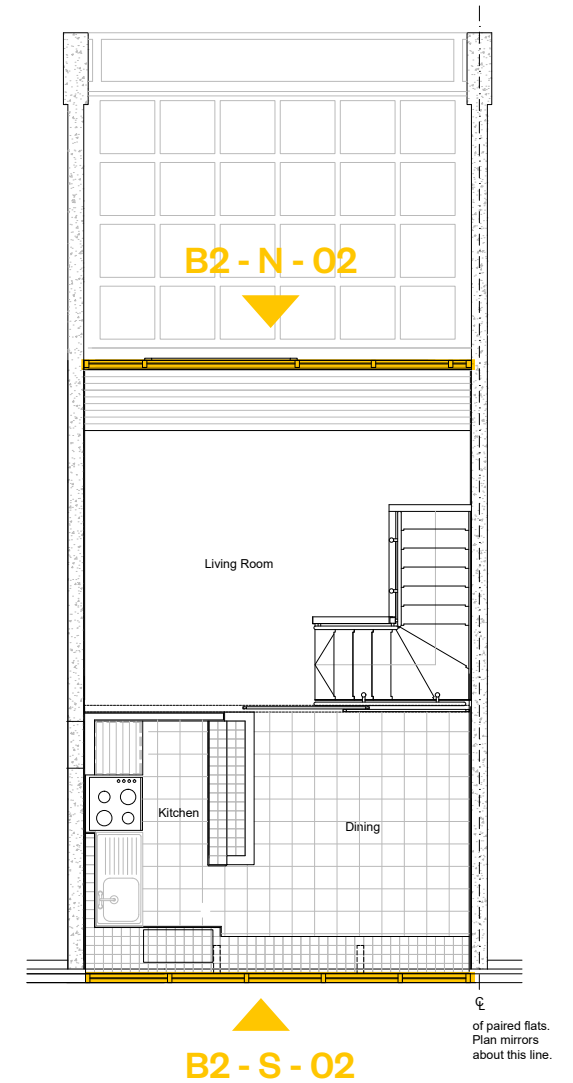
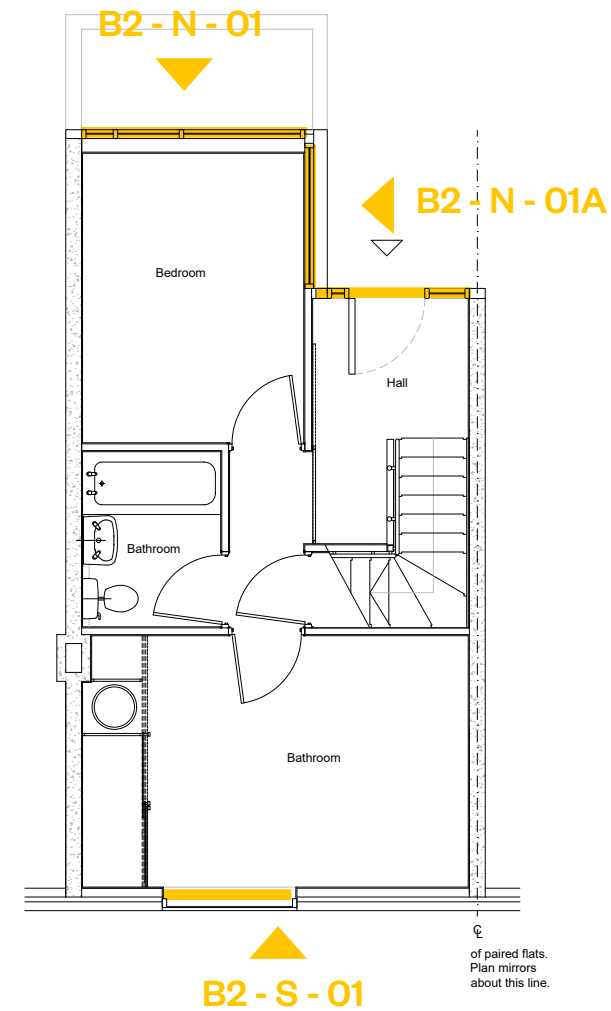


**B2 - N - 01**

**B2 - N - 01A**



**B2 - S - 02**



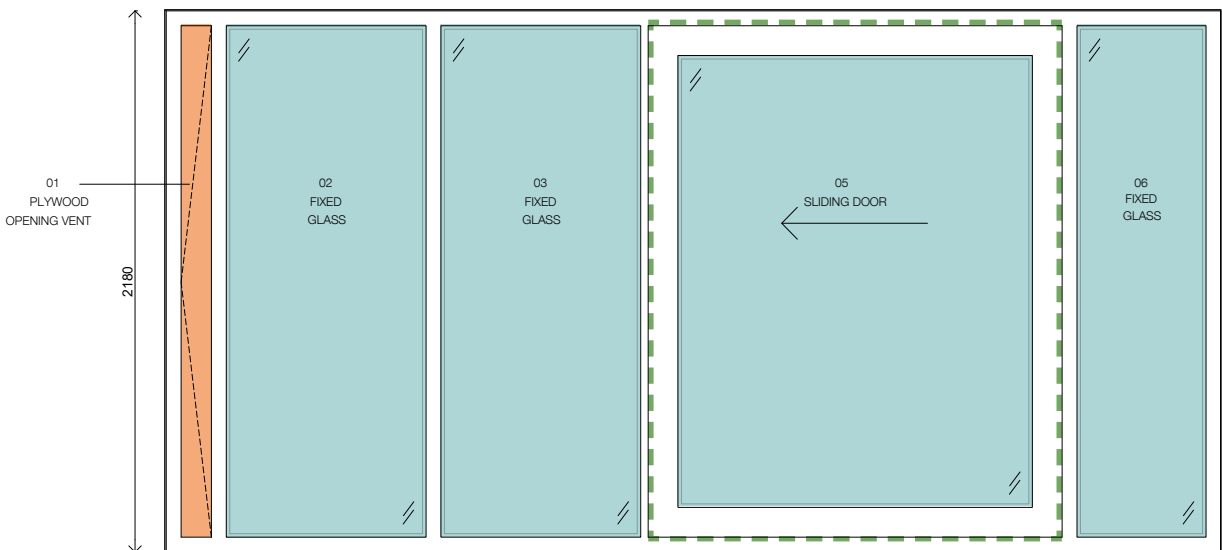
**B2 - S - 01**

## Proposed works

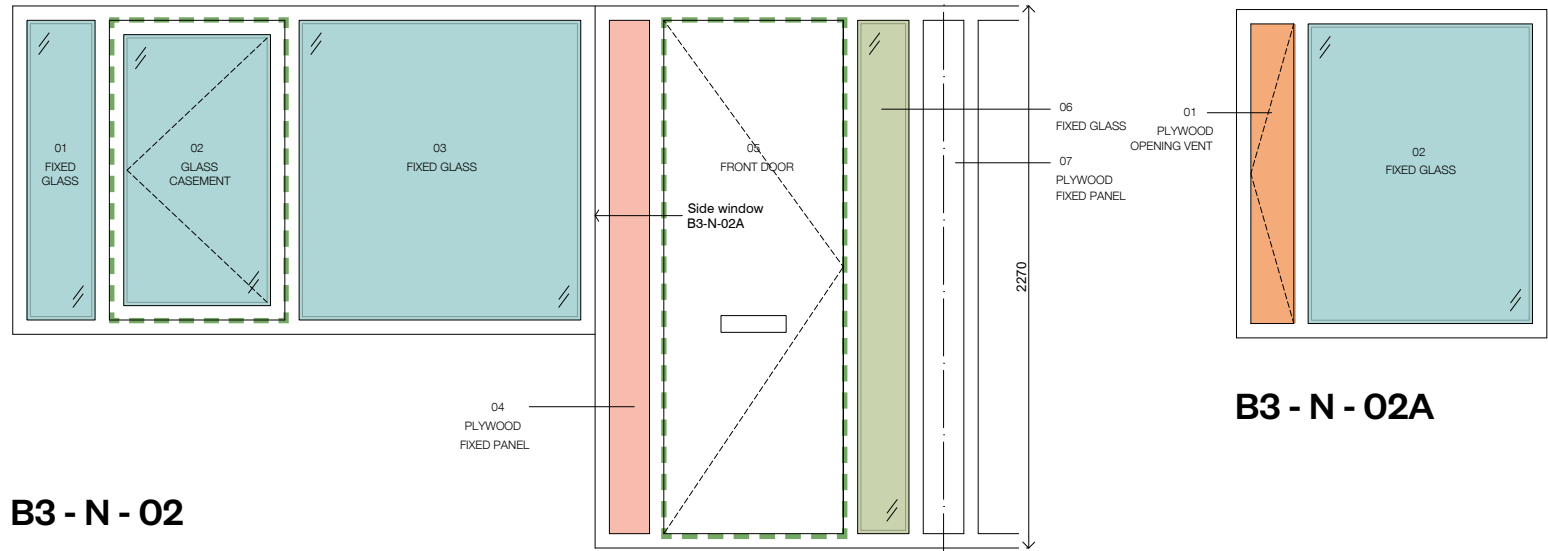
- Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
- Review and re-seal window or door where necessary
- Insulate plywood opening vent, replace handle and re-seal
- Fixed secondary glazing to retained wire glass
- Insulate plywood fixed panel



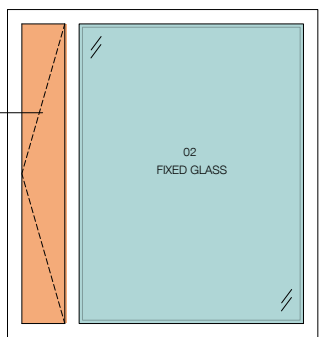
# Window refurbishment - Unit type B3



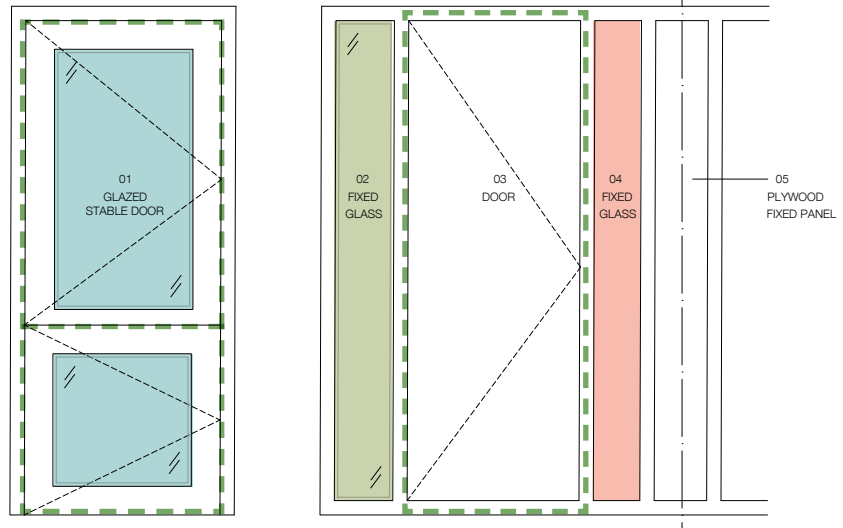
B3 - S - 02



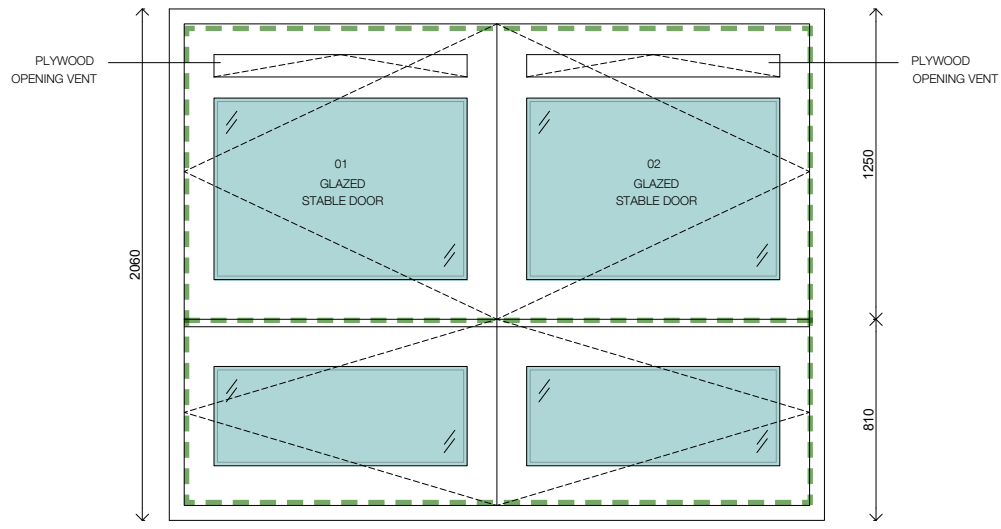
B3 - N - 02



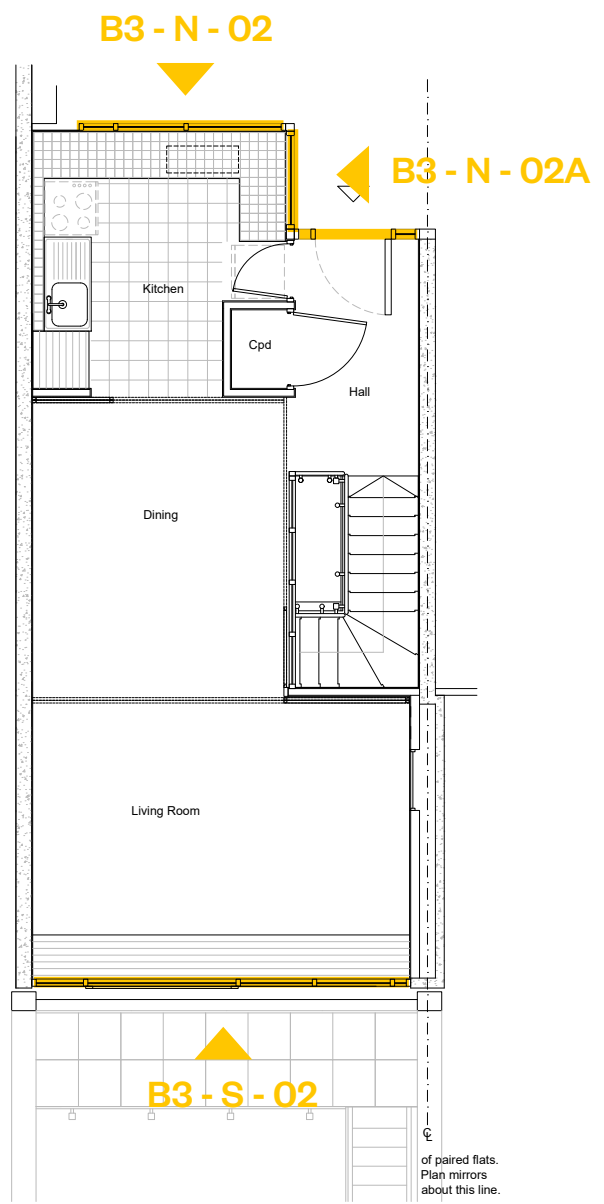
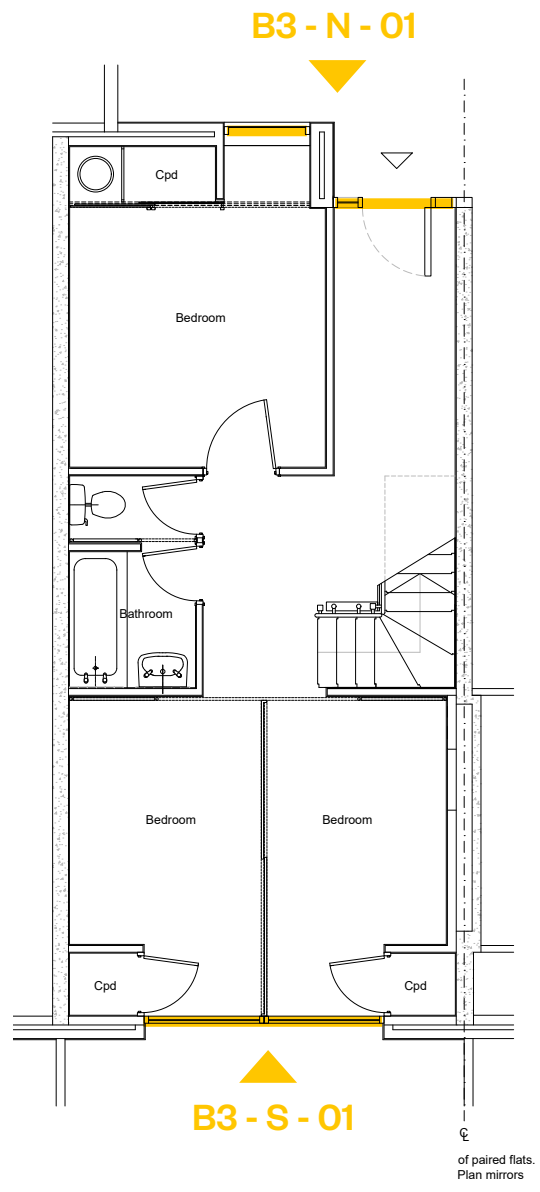
B3 - N - 02A



B3 - N - 01



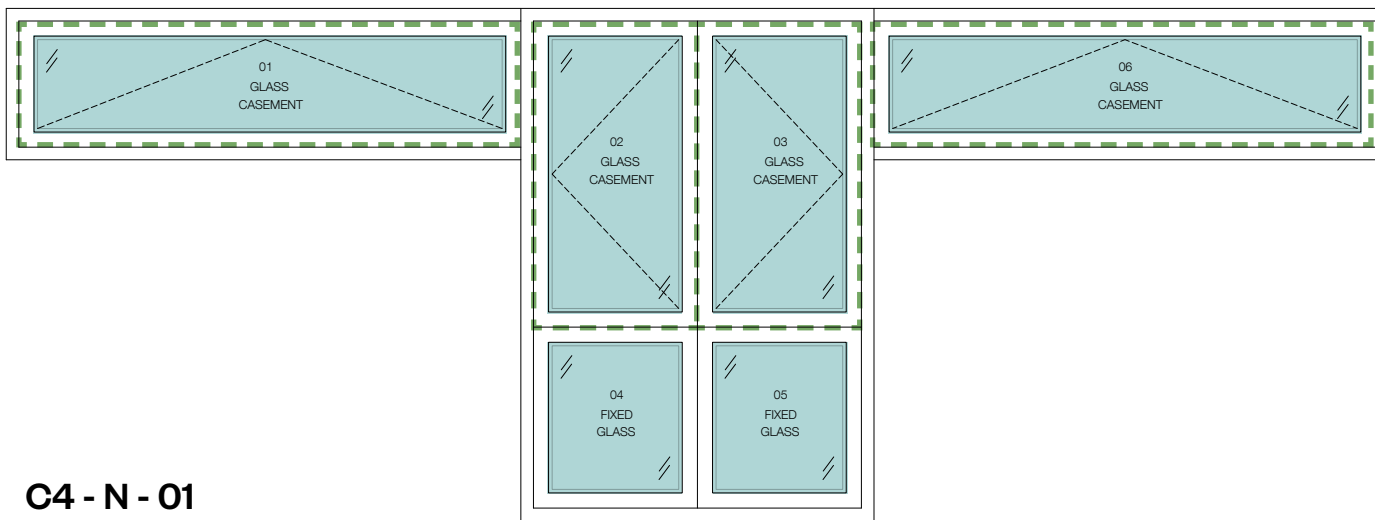
B3 - S - 01



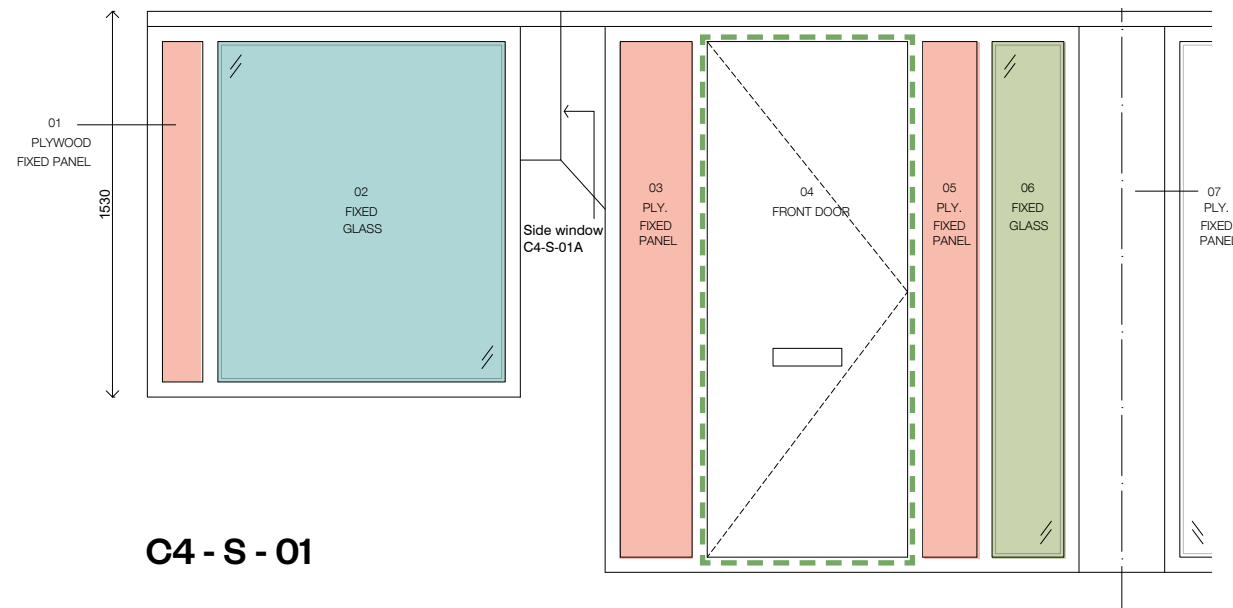
## Proposed works

- Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
- Review and re-seal window or door where necessary
- Insulate plywood opening vent, replace handle and re-seal
- Fixed secondary glazing to retained wire glass
- Insulate plywood fixed panel

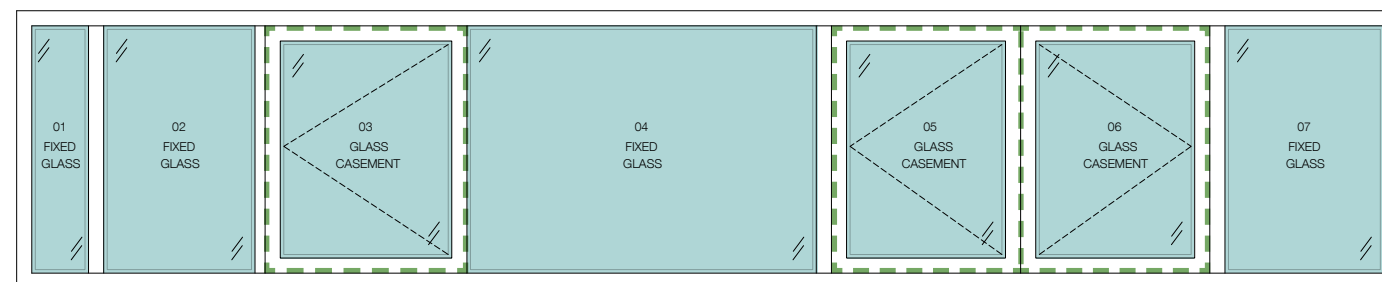
# Window refurbishment - Unit type C4



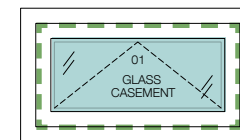
C4 - N - 01



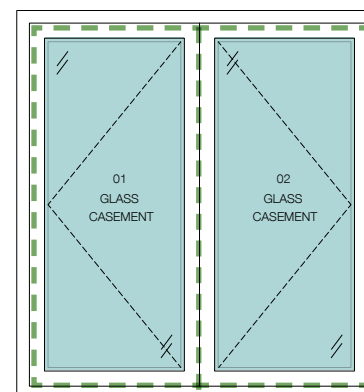
C4 - S - 01



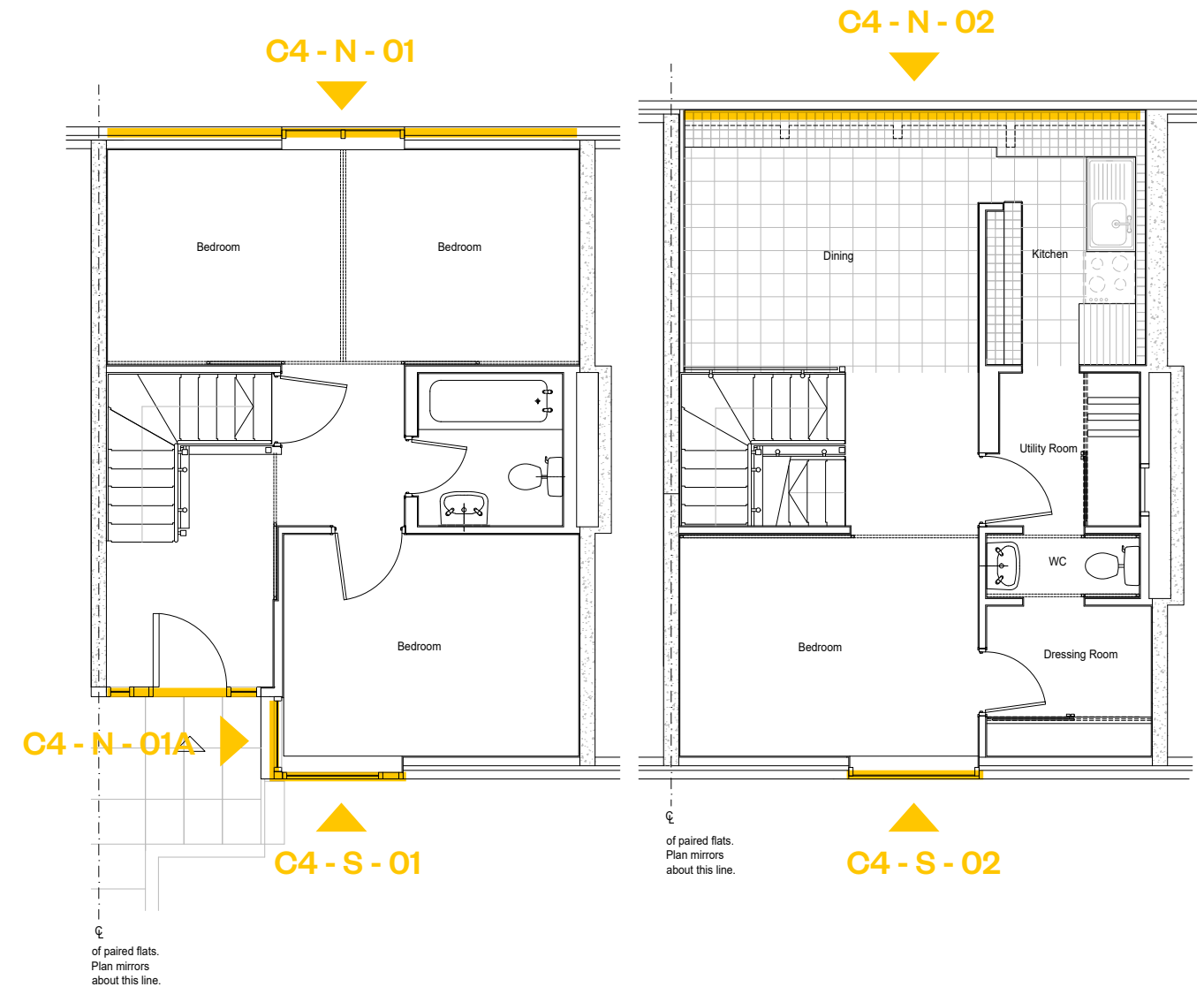
C4 - N - 02



C4 - S - 01A



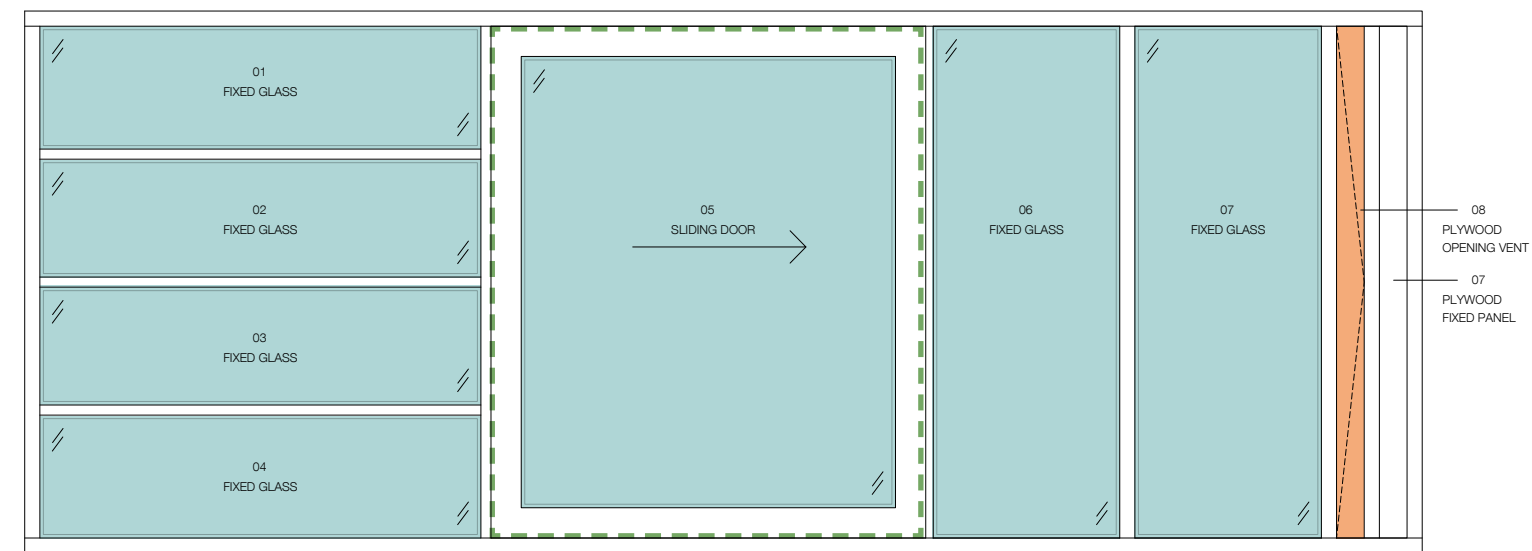
C4 - S - 02



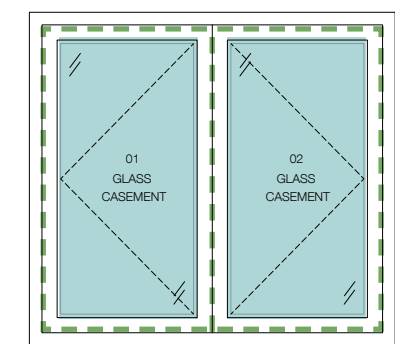
## Proposed works

- Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
- Review and re-seal window or door where necessary
- Fixed secondary glazing to retained wire glass
- Insulate plywood fixed panel

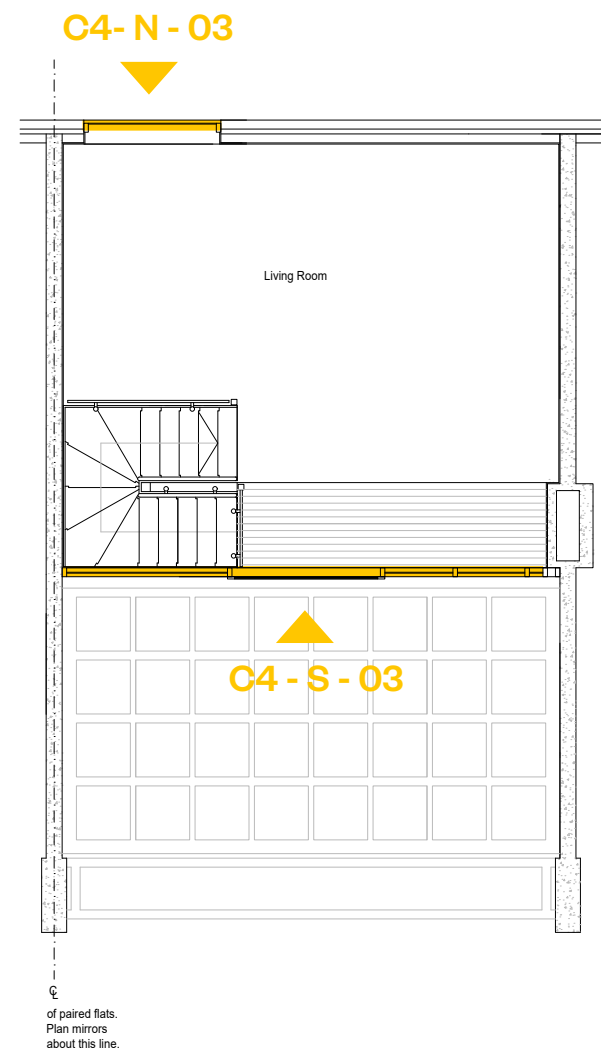
# Window refurbishment - Unit type C4



C4 - S - 03



C4 - N - 03



## Proposed works

- Single glazing to be replaced with double vacuum glazing within existing douglas fir frame.
- Review and re-seal window or door where necessary
- Insulate plywood opening vent, replace handle and re-seal



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