

# Living Wall Indicative Details

159-161 Iverson Road, Hampstead, London

Formation Homes (London) Ltd.

## ANS Living Walls

### ANS Living Wall System™

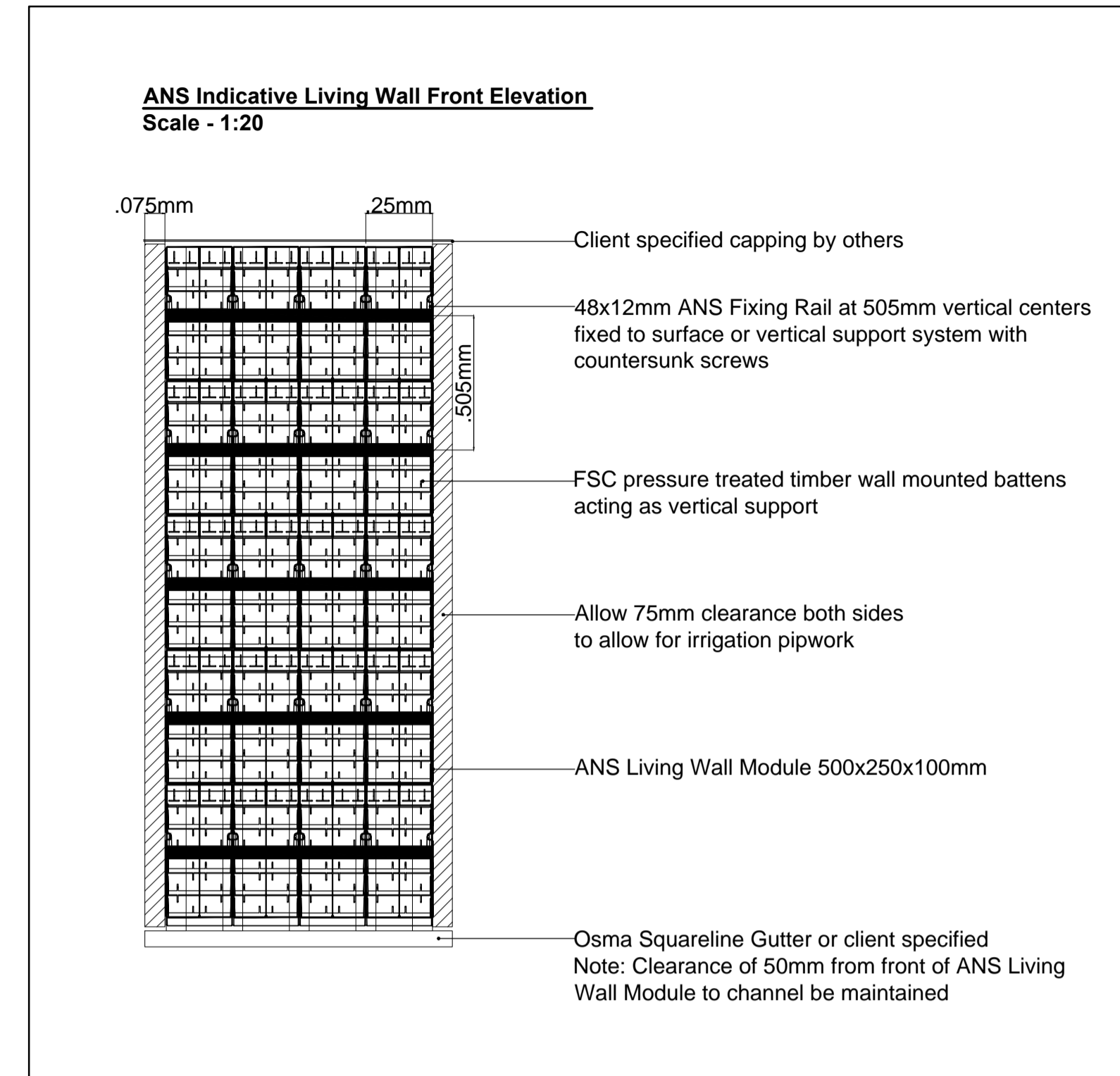
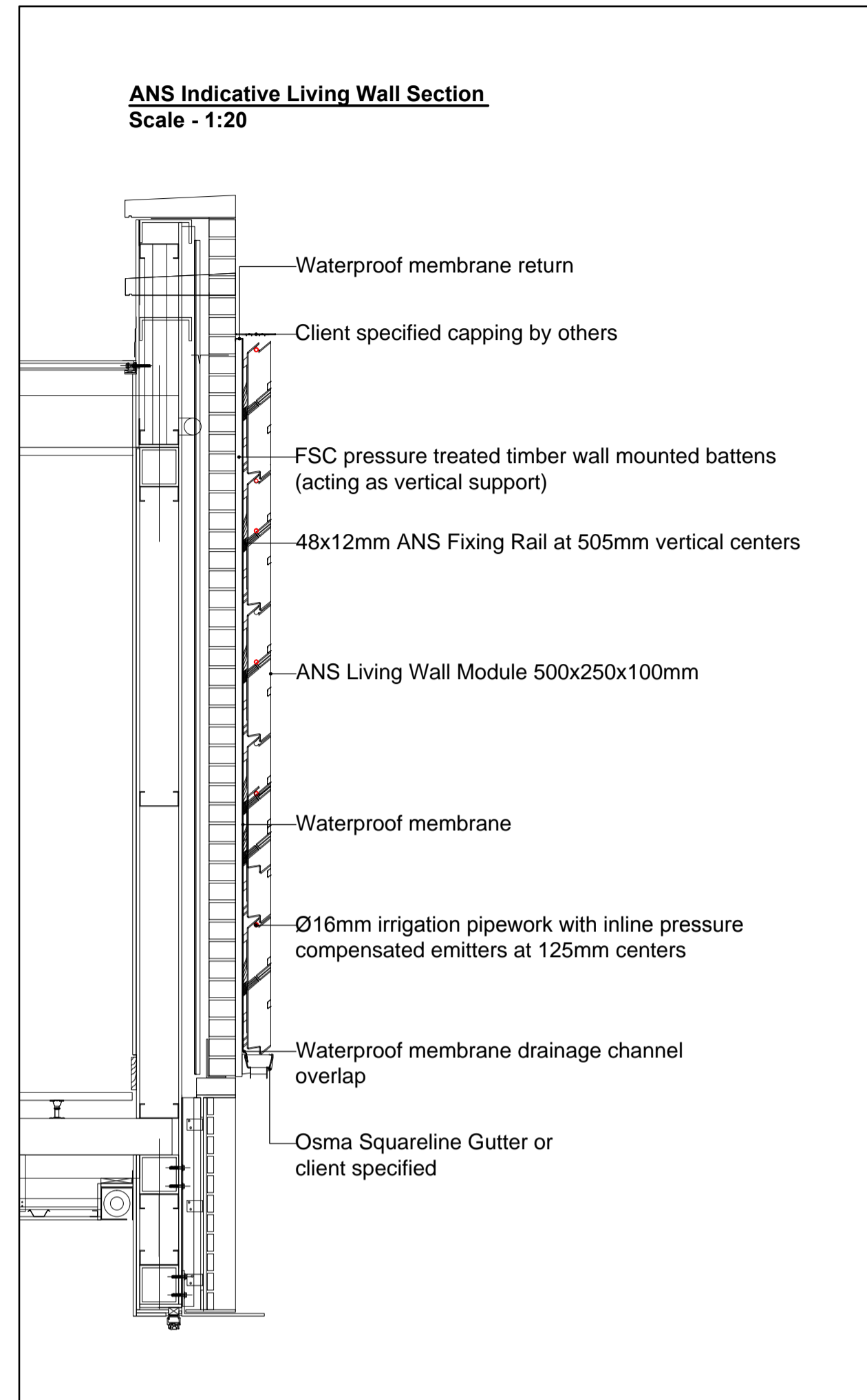
Manufacturer / Supplier:  
ANS Group (Europe)  
Aldingbourne Nurseries  
Church Road  
Aldingbourne  
Chichester  
PO20 3TU  
Tel: 0845 505 5555  
Web: www.ansgroupeurope.com  
Product Reference: ANS Living Wall Module™  
Living Wall Integral components supplies by ANS:

- ANS Living Wall Module™**  
 500mm x 250mm x 100mm;  
 Made of high density Polyethylene (HDPE) BS 476 Part 7 1997, Class 1,  
 80% post industrial recycled material;  
 UV resistant;  
 Temperature range -40° C to 80° C.
- ANS Fixing Rails**  
 48mm x 12mm fixed to surfaces at 500mm centres;  
 To be fixed to surfaces with countersunk stainless steel screws, (size of which is site specific);  
 Made to high density Polyethylene (HDPE) BS 476 Part 7 1997, Class 1100% post industrial  
 recycled material;  
 UV resistant;  
 Temperature range -40° C to 80° C.
- Capping:**  
 Product Reference: Subject to Specifier's choice and recommendations.
- Drainage Channel:** 107mm x 51mm gutter. (see manufacturer's specifications)  
 Product Reference: Osma Squareline (or equal and equivalent).  
 Made of PVC-U, UV resistant.  
 Manufacturer: http://osma.wavin.com  
 Note: Alternatives subject to Specifier's choice and recommendations.
- Waterproof breathable membrane (see manufacturer's specifications):**  
 Product Reference: Tyvek® HomeWrap® (or equal and equivalent).  
 Manufacturer: DuPont™ Tyvek® HomeWrap®  
 Web:  
 http://construction.tyvek.co.uk/Tyvek\_Construction/en\_GB/products/wall/housewrap.html
- Softwood battens (size of which is site specific)**  
 To be fixed to surfaces at 250mm centres;  
 Pressure treated, FSC softwood only;  
 Timber preservative to be applied to any cut surfaces to ensure impregnability;  
 To be fixed to surfaces with countersunk stainless steel screws, (size of which is site specific).
- ANS Irrigation Unit:**  
 Break Tank (size of which is site specific);  
 Dosatron® liquid feed dispenser to ensure correct feeding of wall to ensure healthy growth of  
 plants;  
 Electronic programmer with various stations linked via solenoid valves to ensure an equal  
 distribution of water through the wall;  
 The solenoid valves automatically water each station through the emitter pipes installed on each  
 row of modules;  
 The water pressure is calibrated and adjusted to ensure the water run-off is minimal;  
 The small amount of run-off is directed to a box section gutter which drains into a local drain point.
- Installation**  
 Installation by ANS Group (Europe) approved installation specialists. Details provided on request.

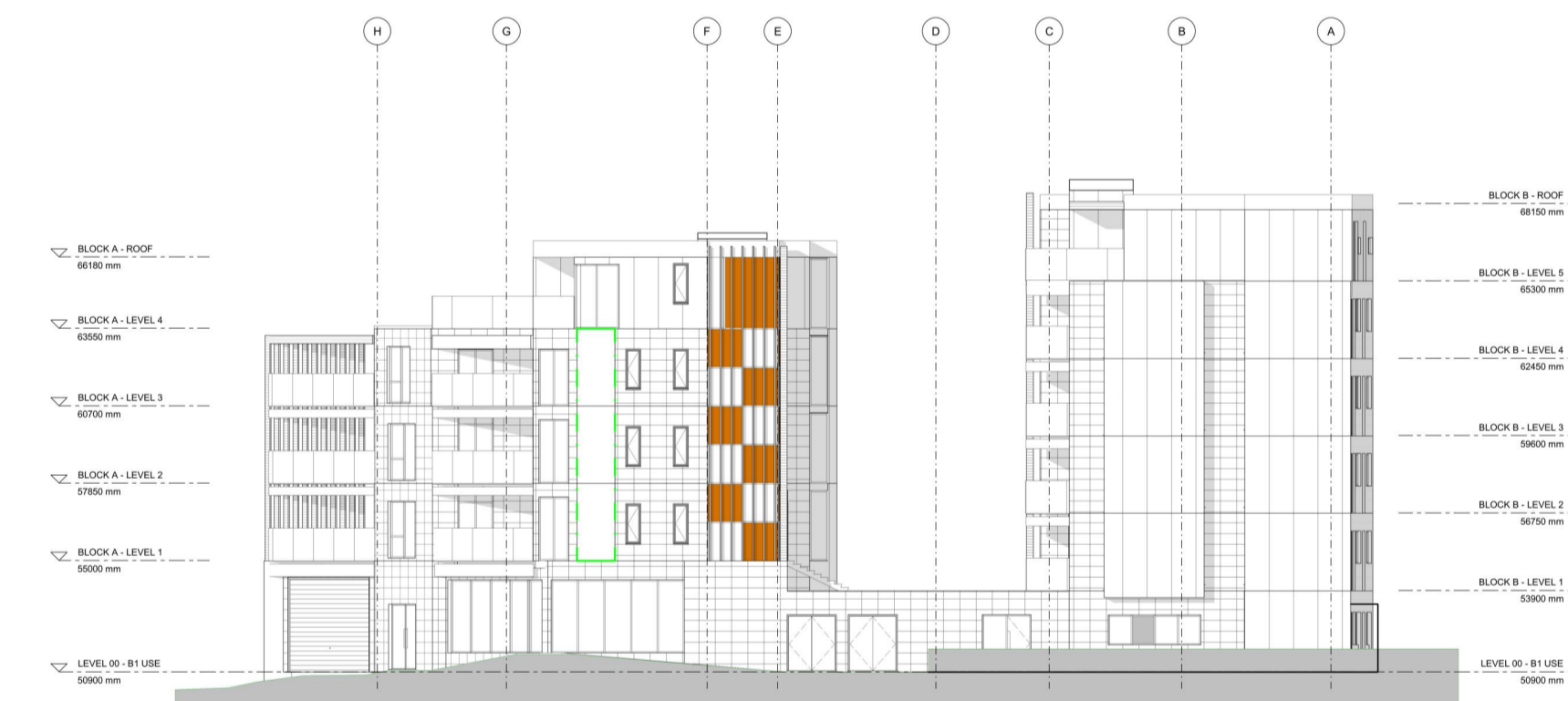
## MAINTENANCE SCHEDULE

|                  |  |
|------------------|--|
| <b>January</b>   | Inspect irrigation - check for frost/ice damage, check for failing plants, dead leaf removal   |
| <b>February</b>  | Winter inspection, remove and replace failing plants, ensure even distribution of irrigation, pest control, remove weeds, sweep hard standing                        |
| <b>March</b>     | Check irrigation, visual inspection of wall, remove weeds, sweep hard standing   |
| <b>April</b>     | Re-calibrate irrigation for summer months, remove weeds, check for plant failure from winter months, sweep hard standing   |
| <b>May</b>       | Spring clean up, spring feed to wall, check for pests and diseases, remove weeds, sweep hard standing  |
| <b>June</b>      | Check irrigation, remove weeds, prune as necessary, ensure even plant coverage, sweep hard standing  |
| <b>July</b>      | Check irrigation, visual inspection to wall, prune as necessary, pest/disease control  |
| <b>August</b>    | Summer - close visual inspection, remove dead leaves and flowers, summer feed, remove weeds, prune as necessary, apply insecticide as necessary, sweep hard standing |
| <b>September</b> | Check even distribution of irrigation, remove weeds, prune as necessary, sweep hard standing   |
| <b>October</b>   | Autumn clean up, remove dead flower heads, autumn feed, replace any failing plants, sweep hard standing  |
| <b>November</b>  | Visual inspection of wall, ensure even distribution of irrigation, dead head/leaf as necessary, sweep hard standing  |
| <b>December</b>  | Decommission irrigation for winter months, check consistency of presentation - groom as necessary, remove weeds  |

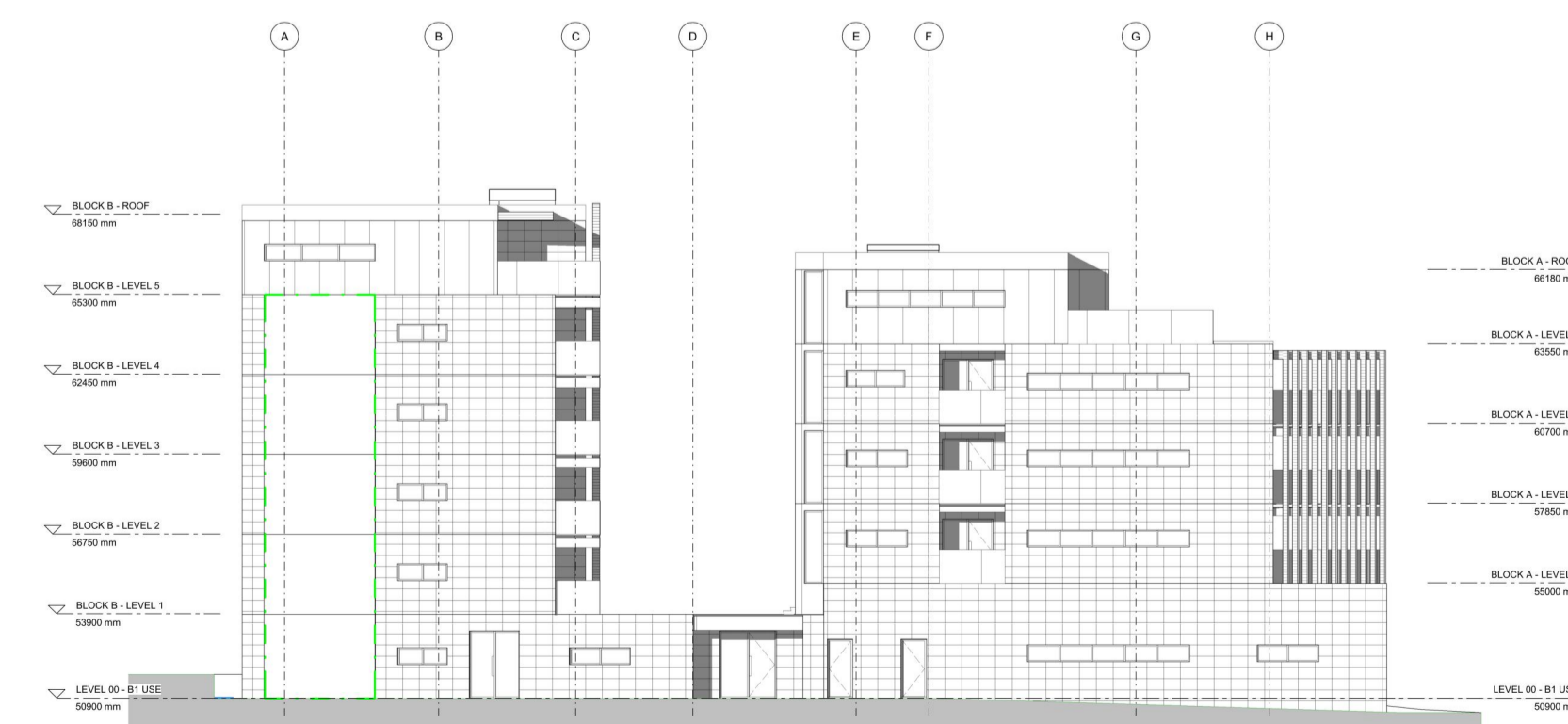
Note: Details shown are indicative only. Living wall detailed design to be carried out by supplier, and agreed with client and structural engineer.



Development - East Elevation showing location of living wall  
Scale - N.T.S



Development - West Elevation showing location of living wall  
Scale - N.T.S



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All dimensions to be checked on site by contractor prior to commencement of any work.

All materials, components and workmanship shall comply with the relevant British Standards, Codes of Practice and manufacturers written instructions.

rev. **A** rev date: **05/11/14**

revision note:

Maintenance notes added

drawing no. **3306\_DR\_004-A**

client & project:

**Formation Homes (London) Ltd**

**Prop. residential development (19 unit)**

**Hampstead, London**

**159-161 Iverson Road**

drawing title:

**Living Wall Indicative Details**

status: **Planning**

scale: **1:20** drawn by: **SH**

sheet: **A1** checked by: **JB**

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