

### **TERMITE CONTROL METHOD**

PROVIDE TERMITE MANAGEMENT IN ACCORDANCE WITH AS 3660.1 AND B.C.A CL 3.1.3.0

ALL WORK TO BE CARRIED OUT FROM THE PLANS MUST BE COORDINATED WITH SCHEDULE OF BASIX COMMITMENTS & THERMAL PERFORMANCE SPECIFICATIONS, REFER TO ATTACHED BASIX CERTIFICATE.

### NOTE

EJ - EXPANSION JOINTS

THE POSITION OF EXPANSION JOINTS IS TO BE CONFIRMED BY THE ENGINEER. WHERE ENGINEERING DRAWINGS ARE REQUIRED, SUCH MUST TAKE PREFERENCE TO THIS DRAWING.

IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT THE ENGINEER HAS INVESTIGATED SUBSOIL CONDITIONS AND DESIGN ALL STRUCTURAL ELEMENTS TO SUIT.



# IMPORTANT CONSTRUCTION NOTES

THESE NOTES APPLY TO ALL OWNER/S BUILDER, TRADES, SUPPLIER. MANUFACTURER, WORKERS, CONTRACTORS, CONSULTANTS ETC.

ALL MUST READ THESE NOTES PRIOR TO PROVIDING QUOTES, SERVICES, LEGAL AGREEMENTS, SITE WORKS ETC.

1/ These notes apply to this page and all other information, documents, disclaimer, specification etc. issued for the works by OBLIQ DESIGN. 2/ Written/Drawn information & Construction Specifications to be read together and applied as one document. Do not scale drawings, work to survey, figured dimensions & site conditions, refer to specification/s etc. 3/ Figured dimensions to be checked against survey, and or site dimensions available. Larger details generally apply in preference to smaller scale drawings/details. Advise of discrepencies as required prior to build.

4/ Check all documentation & site conditions for accuracy and or application to existing site conditions, building, structure, services, fixtures, etc. Report any discrepencies prior to start on site final contract, legal and or any site works, manufacture etc.

5/ Items/detailing not shown, but required, shall be allowed for, and incorporated into the worksa as required and part proper, safe and complete construction as per BCA, Australian Standard and or Authority requirements.

**6/** Work Set-Out to be carried out by a registered Surveyor, obtain written/drawn certificate/s as required.

7/ Obtain information from surveyors, engineers, other concultants, details, reports, Authority Approvals/requirements etc, as required by Law and or to ensure safe and proper work/job, prior to quotation/contract/legal or any site work. This includes where new and or existing works/services are affected and or council could be affected due to the proposed. Obtain work-shop drawings as required for detail work.

8/ BCA and Compliance, ensure all plans/proposed/works are approved

8/ BCA and Compliance, ensure all plans/proposed/works are approved by relevant Authorities & that the construction/work complies with and are complete/built to the current BCA and applicable Australian Standards AS-A etc, and or Authority approval/conditions of approval, including structural, framing, essential services, site safety, landscaping etc.

**9/** Owner's approval shall also be obtained prior for materials, finishes, and or other items/inclusions to be incorporated into the works/job prior to supply, manufacture/build/install. Ensure to comply with item 8.

10/ Pest & Termite. An approved control/treatment/s to be executed and or installed as required by the BCA/Authority, to new and or existing work/s, obtain certificate/s and if required install an approved system for ongoing treatment.

11/ Insurance/s Cover. The Owner/Builder and Trades must have in place adequate/current and suitable insurance/s policies/cover during the works for workers compensation, construction/risk public liability and self-insurance as required by Law. The Owner/s, Builder shall ensure to inform, themselves/obtain written proof/ copies of such suitable, adequate and current/valid insurance/s policies/cover.

12/ IF IN DOUBT ASK!

OWNER / BUILDER USE OF PLANS, DOCUMENTS, DISCLAIMER NOTE; Care is taken to prepare these plans/documents and or details on the information provided to OBLIQ DESIGN and site information as available at the time, however there is possibility of discrepancy, differences, omissions that may occur as a result of site conditions, build method/s, need, variance, copy transfer of documents, drawings and or some other reasons.

The owner, builder, shopfitter, trades, manufacture, supplier, end-user etc, and or person/s responsible for and or building the proposed work/s and or works on existing, shall promptly report discrepancies, ensure and check all the plans/documents and or details issued for the job/works are suitable, comply with, and or are also acceptable prior to entering legal agreements, tender, placing orders and or build, and shall have appropriate and valid insurances as required by Law. Refer to by others/other consultants documents for the job/works, including compliance. WHS & or Authorities/Others having Jurisdiction over the works, including details, inspection, and or approvals etc. as required by Law. OBLIQ DESIGN and it's owner does not accept any liability or risk taken, and disclaim any liability for any cost, loss, damage claim, of whatever nature of kind (including negligence) suffered or incurred by any person, corporations, end-user and or any legal entity. Such persons, corporation/s, end-user and or any legal entity agree to and shall hereby indemnify OBLIQ DESIGN and it's owner for such, which arises out of any use of, interpretation, alleged reliance upon on it's plans/documents and or services or the like

services or the like.

This note applies to all of OBLIQ DESIGN plans, documentation, service and forms part of same. (Project management and or building is not an OBLIQ DESIGN service.)

| SITE CALCULATIONS:                                                      |                                                                                                                                       | COMPLIES |  |  |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------|--|--|
| LOT AREA TOTAL GROUND FLOOR TOTAL LEVEL 1 FLOOR GARAGE STAIR VOID PORCH | 268.1 m <sup>2</sup><br>81.3 m <sup>2</sup><br>66.8 m <sup>2</sup><br>16.8 m <sup>2</sup><br>4.5 m <sup>2</sup><br>1.0 m <sup>2</sup> |          |  |  |
| TOTAL LIVING FLOOR AREA                                                 | 126.8 m <sup>2</sup>                                                                                                                  |          |  |  |
| MIN. FRONT SETBACK<br>ACHIEVED FRONT SETBACK                            | 6.5 m<br>6.504 m                                                                                                                      | YES      |  |  |
| MIN. RIGHT SIDE SETBACK<br>ACHIEVED RIGHT SIDE SETBACK                  | 0.9 m<br>0.8 m                                                                                                                        | NO       |  |  |
| MIN. LEFT SIDE SETBACK<br>ACHIEVED LEFT SIDE SETBACK                    | 0.9 m<br>0.901 m                                                                                                                      | YES      |  |  |
| MIN. REAR SETBACK<br>ACHIEVED REAR SETBACK                              | 6.0 m<br>15.96 m                                                                                                                      | YES      |  |  |
| MAX. BUILDING HEIGHT<br>ACHIEVED BUILDING HEIGHT                        | 8.5 m<br>7.06 m                                                                                                                       | YES      |  |  |
| MIN. LANDSCAPED AREA<br>ACHIEVED LANDSCAPED AREA                        | 40% (107.24 m²)<br>40.2% (107.7 m²)                                                                                                   |          |  |  |
| MIN. PPOS AREA<br>ACHIEVED PPOS AREA                                    | 60.0 m <sup>2</sup><br>73.4 m <sup>2</sup>                                                                                            | YES      |  |  |

### **WARRINGAH LEP/DCP 2011**

### LOT 6

| SITE CALCULATIONS: COMPLIES                                             |                                                                                                                                       |     |  |  |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----|--|--|
| LOT AREA TOTAL GROUND FLOOR TOTAL LEVEL 1 FLOOR GARAGE STAIR VOID PORCH | 268.1 m <sup>2</sup><br>81.4 m <sup>2</sup><br>65.2 m <sup>2</sup><br>16.8 m <sup>2</sup><br>4.5 m <sup>2</sup><br>0.9 m <sup>2</sup> |     |  |  |
| TOTAL LIVING FLOOR AREA                                                 | 125.3 m <sup>2</sup>                                                                                                                  |     |  |  |
| MIN. FRONT SETBACK<br>ACHIEVED FRONT SETBACK                            | 6.5 m<br>6.545 m                                                                                                                      | YES |  |  |
| MIN. RIGHT SIDE SETBACK<br>ACHIEVED RIGHT SIDE SETBACK                  | 0.9 m<br>0.901 m                                                                                                                      | YES |  |  |
| MIN. LEFT SIDE SETBACK<br>ACHIEVED LEFT SIDE SETBACK                    | 0.9 m<br>0.8 m                                                                                                                        | NO  |  |  |
| MIN. REAR SETBACK<br>ACHIEVED REAR SETBACK                              | 6.0 m<br>15.96 m                                                                                                                      | YES |  |  |
| MAX. BUILDING HEIGHT<br>ACHIEVED BUILDING HEIGHT                        | 8.5 m<br>7.11 m                                                                                                                       | YES |  |  |
| MIN. LANDSCAPED AREA<br>ACHIEVED LANDSCAPED AREA                        | 40% (107.24 m²)<br>40.1% (107.6 m²)                                                                                                   | YES |  |  |
| MIN. PPOS AREA<br>ACHIEVED PPOS AREA                                    | 60.0 m <sup>2</sup><br>73.4 m <sup>2</sup>                                                                                            | YES |  |  |





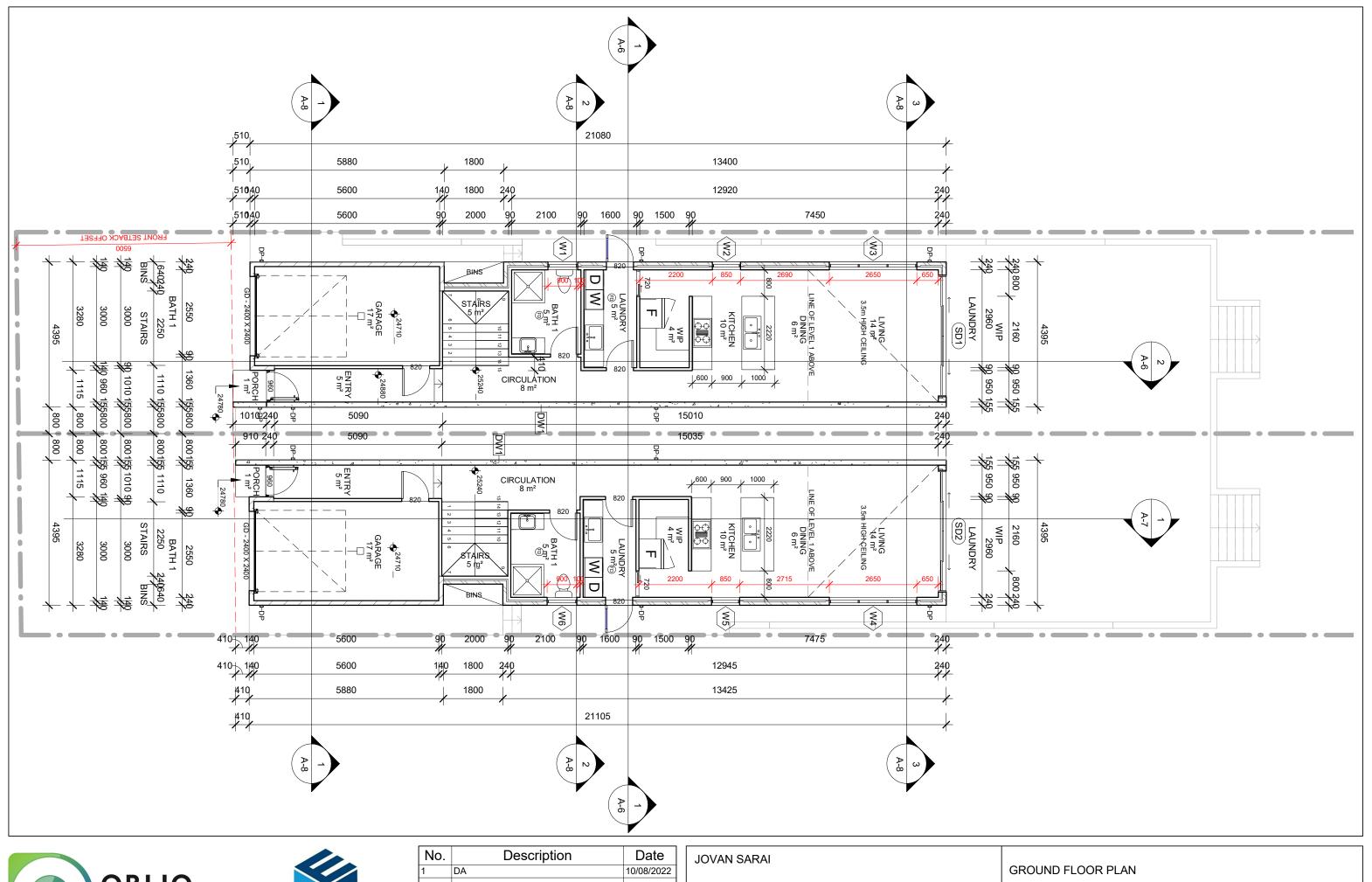
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### JOVAN SARAI

| SITE | PLAN |
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| Project number |                |       | ۸.4 |              |
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| Date           | 10/08/2022     |       | A-1 |              |
| Drawn by       | Ilhan Alijagic |       |     |              |
| Checked by     |                | Scale |     | As indicated |



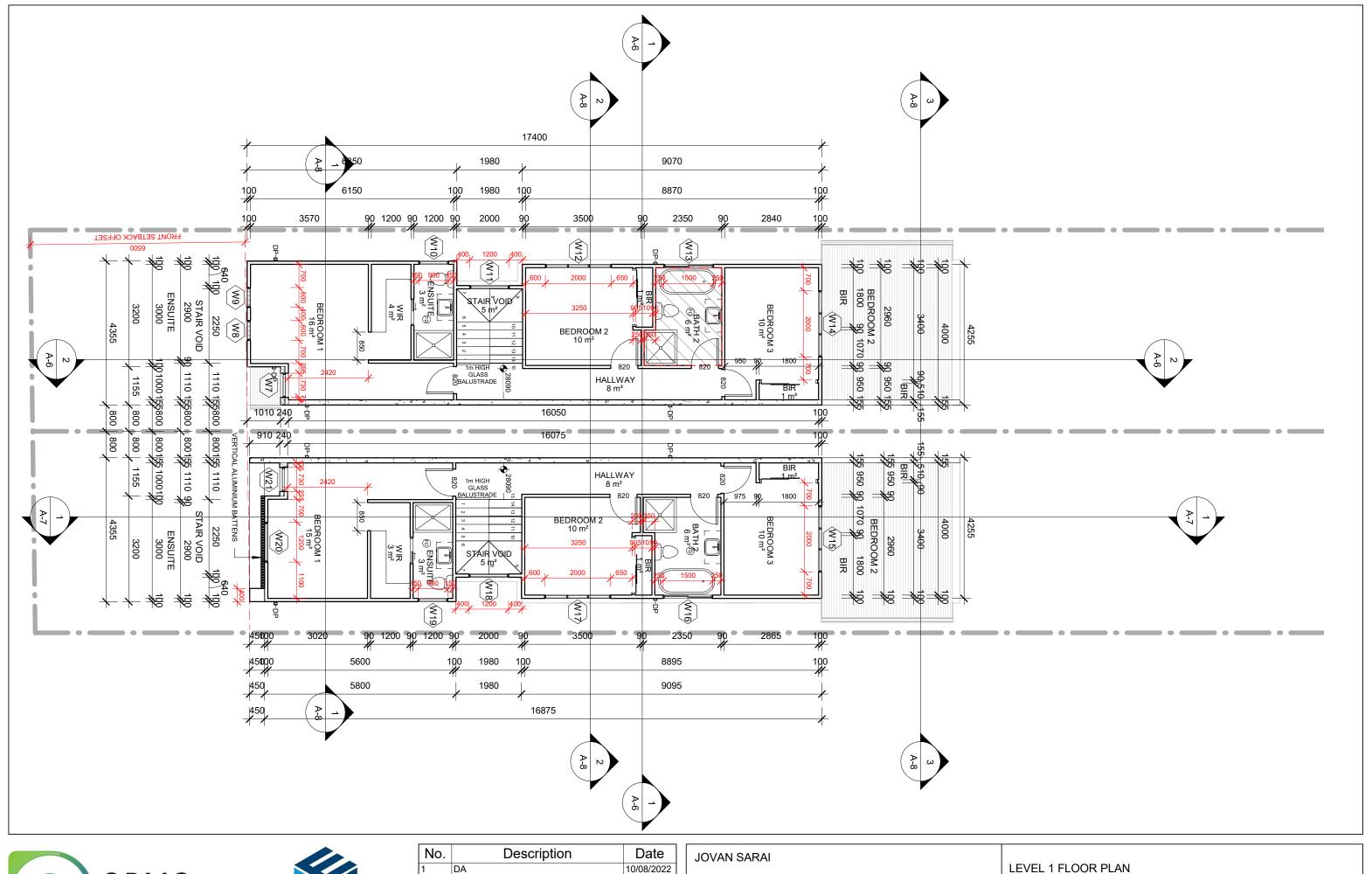




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| PROPOSED DEMOLITION OF EXISTING      |
|--------------------------------------|
| DWELLING & ASSOCIATED STRUCTURES AND |
| CONSTRUCTION OF 2 DOUBLE STOREY      |
| DWELLINGS ON LOTS 5-6 DP1636 AT 24   |
| OLIVER STREET, FRESHWATER NSW 2096   |

| GROUND FLO     | OR PLAN        |       |     |         |
|----------------|----------------|-------|-----|---------|
| Project number |                |       | 4.0 |         |
| Date           | 10/08/2022     |       | A-2 |         |
| Drawn by       | Ilhan Alijagic |       |     |         |
| Checked by     |                | Scale |     | 1 : 100 |



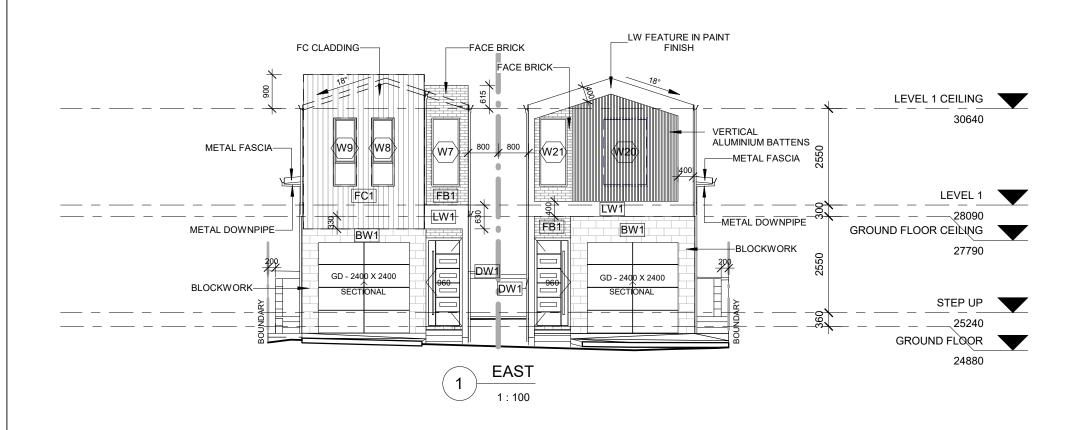




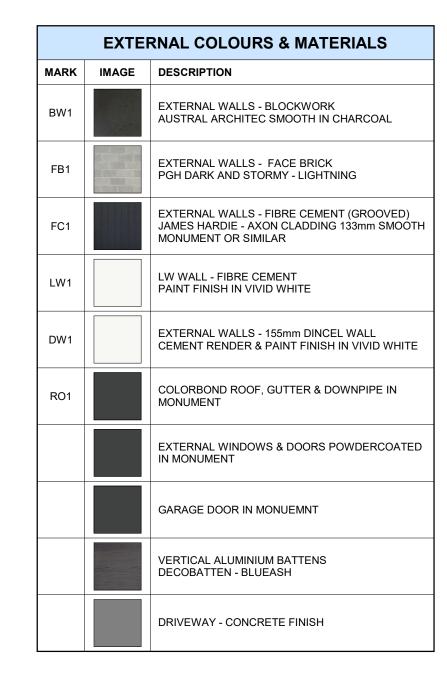
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| PROPOSED DEMOLITION OF EXISTING      |
|--------------------------------------|
| DWELLING & ASSOCIATED STRUCTURES AND |
| CONSTRUCTION OF 2 DOUBLE STOREY      |
| DWELLINGS ON LOTS 5-6 DP1636 AT 24   |
| OLIVER STREET, FRESHWATER NSW 2096   |

| Date Drawn by  | 10/08/2022<br>Ilhan Alijagic |     |  |
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| Project number | 10/00/0000                   | A-3 |  |
| LEVEL 1 FLOO   | R PLAN                       |     |  |





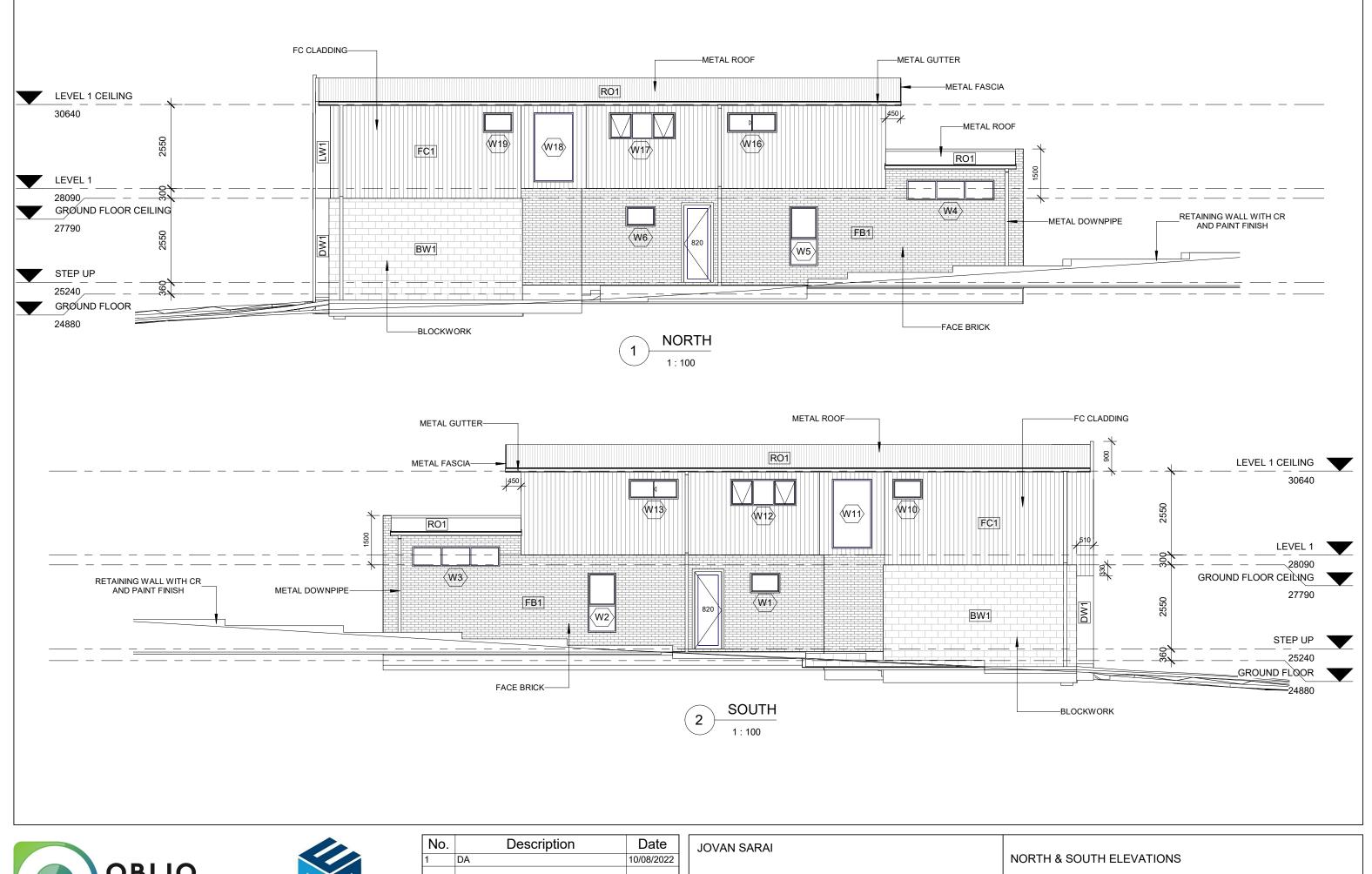






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| EAST & WEST    | ELEVATIONS     |       |  |              |
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| Project number |                |       |  |              |
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| Drawn by       | Ilhan Alijagic |       |  |              |
| Checked by     |                | Scale |  | As indicated |



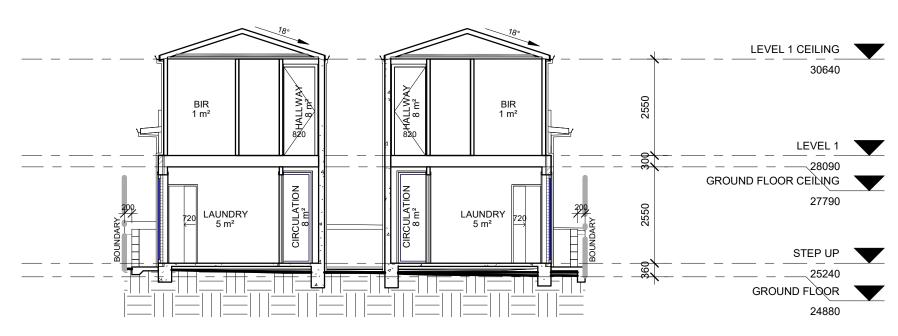




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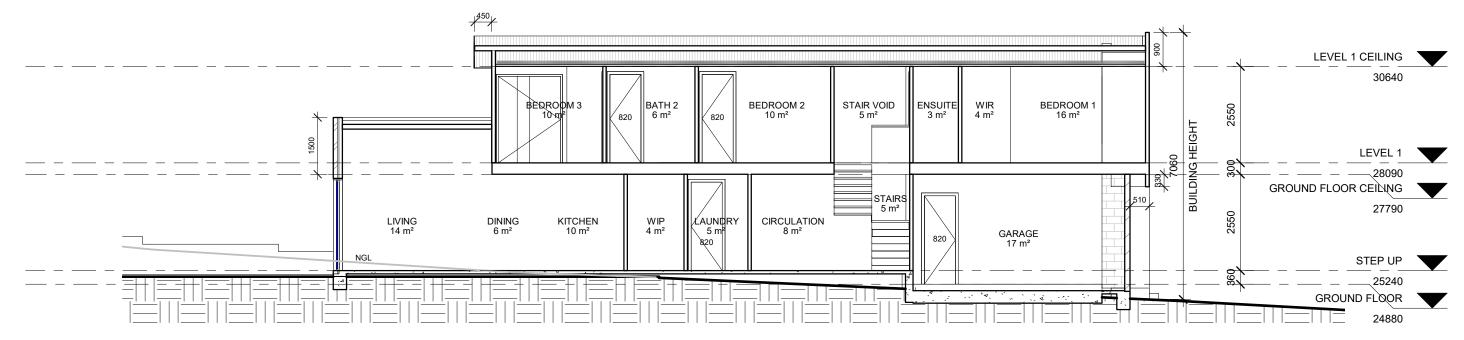
|                                                                                                                                                                            | NORTH & SOUTH ELEVATIONS |       |  |
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| PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND CONSTRUCTION OF 2 DOUBLE STOREY DWELLINGS ON LOTS 5-6 DP1636 AT 24 OLIVER STREET, FRESHWATER NSW 2096 | Project number           |       |  |
|                                                                                                                                                                            | Date 10/08/2022          | A-5   |  |
|                                                                                                                                                                            | Drawn by Ilhan Alijagic  |       |  |
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1 SECTION 1

MAX BUILDING HEIGHT - 8.5m



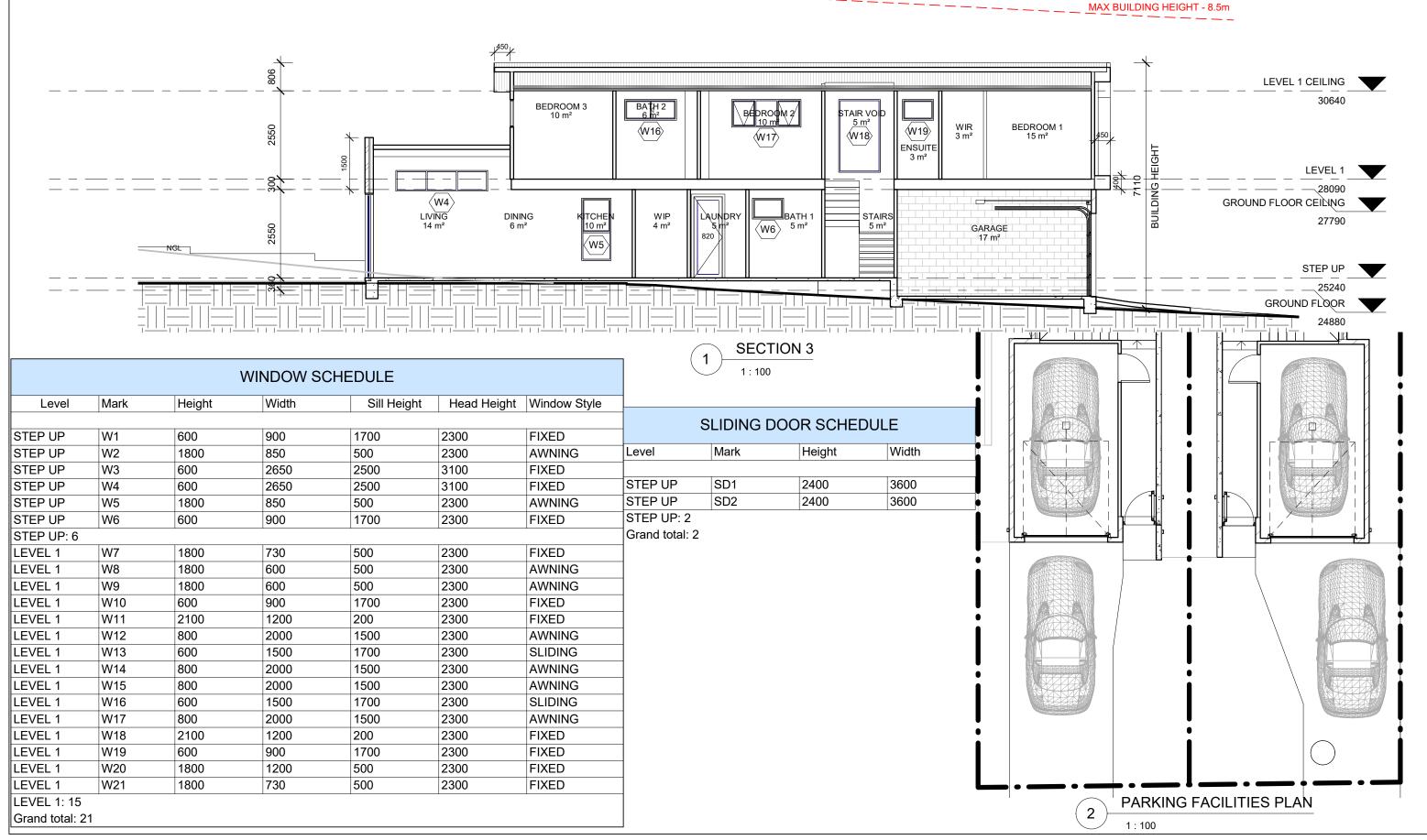
2 SECTION 2
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| SECTIONS 1 - 2 |                              |                                                          |                                                          |
|----------------|------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Project number |                              |                                                          |                                                          |
| Date           | 10/08/2022                   | A-6                                                      | 6                                                        |
| Drawn by       | Ilhan Alijagic               |                                                          |                                                          |
| Checked by     |                              | Scale                                                    | 1 : 100                                                  |
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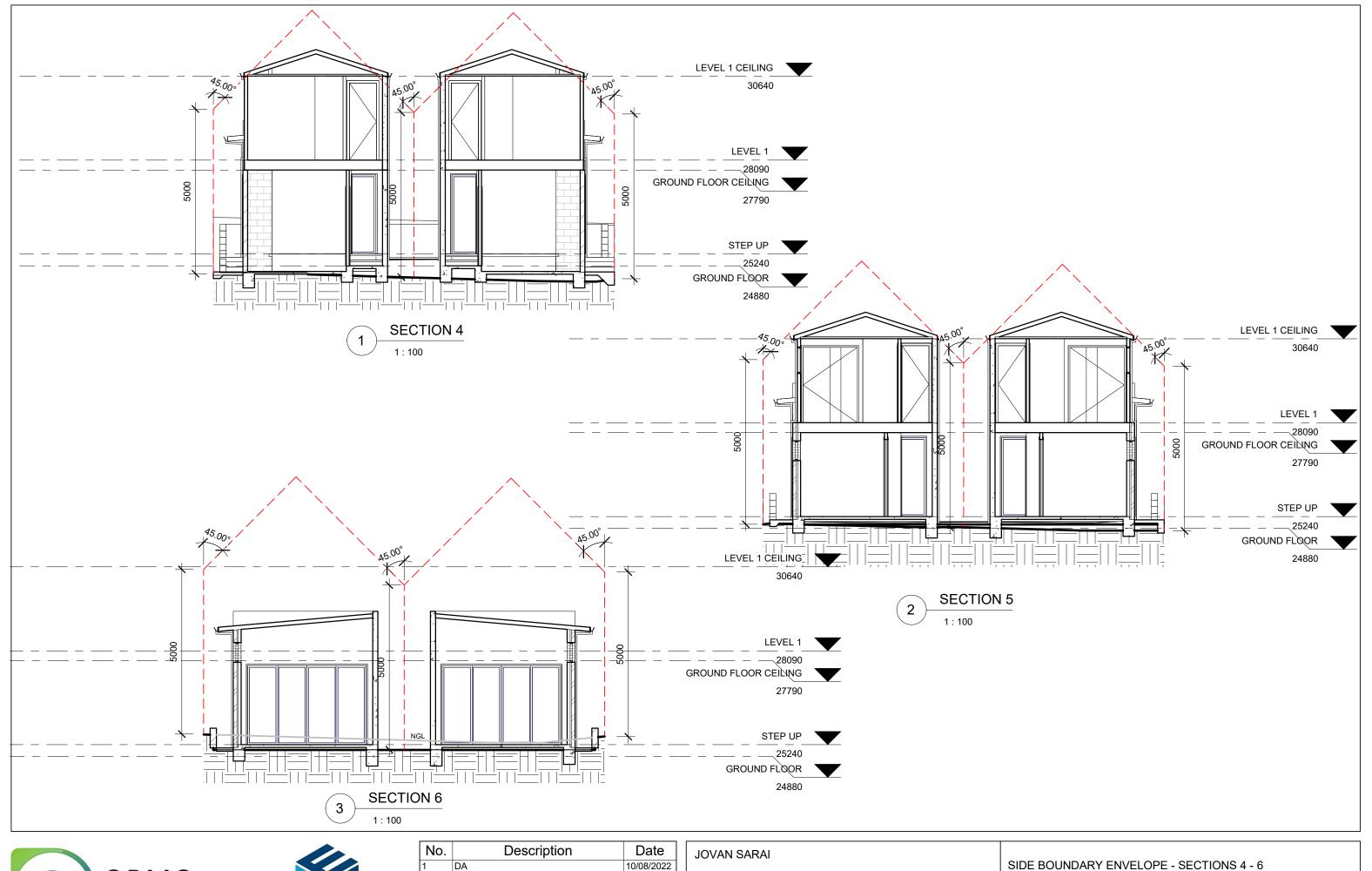




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| SECTION 3, DOOR & WINDOW S<br>FACILITIES PLAN | SCHEDULE & PARKING |
|-----------------------------------------------|--------------------|
| Project number                                |                    |

| Project number |                | A 7      | . 7        |
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| Date           | 10/08/2022     | <i>F</i> | <b>\-7</b> |
| Drawn by       | Ilhan Alijagic |          |            |
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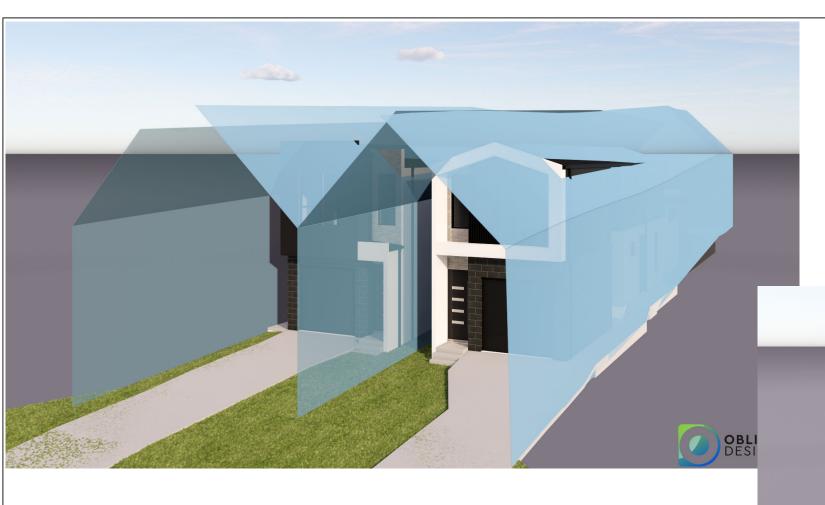






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| SIDE BOUNDARY ENVELOPE - SECTIONS 4 - 6 |                |       |         |  |
|-----------------------------------------|----------------|-------|---------|--|
| Project number                          |                |       |         |  |
| Date                                    | 10/08/2022     | A-8   |         |  |
| Drawn by                                | Ilhan Alijagic |       |         |  |
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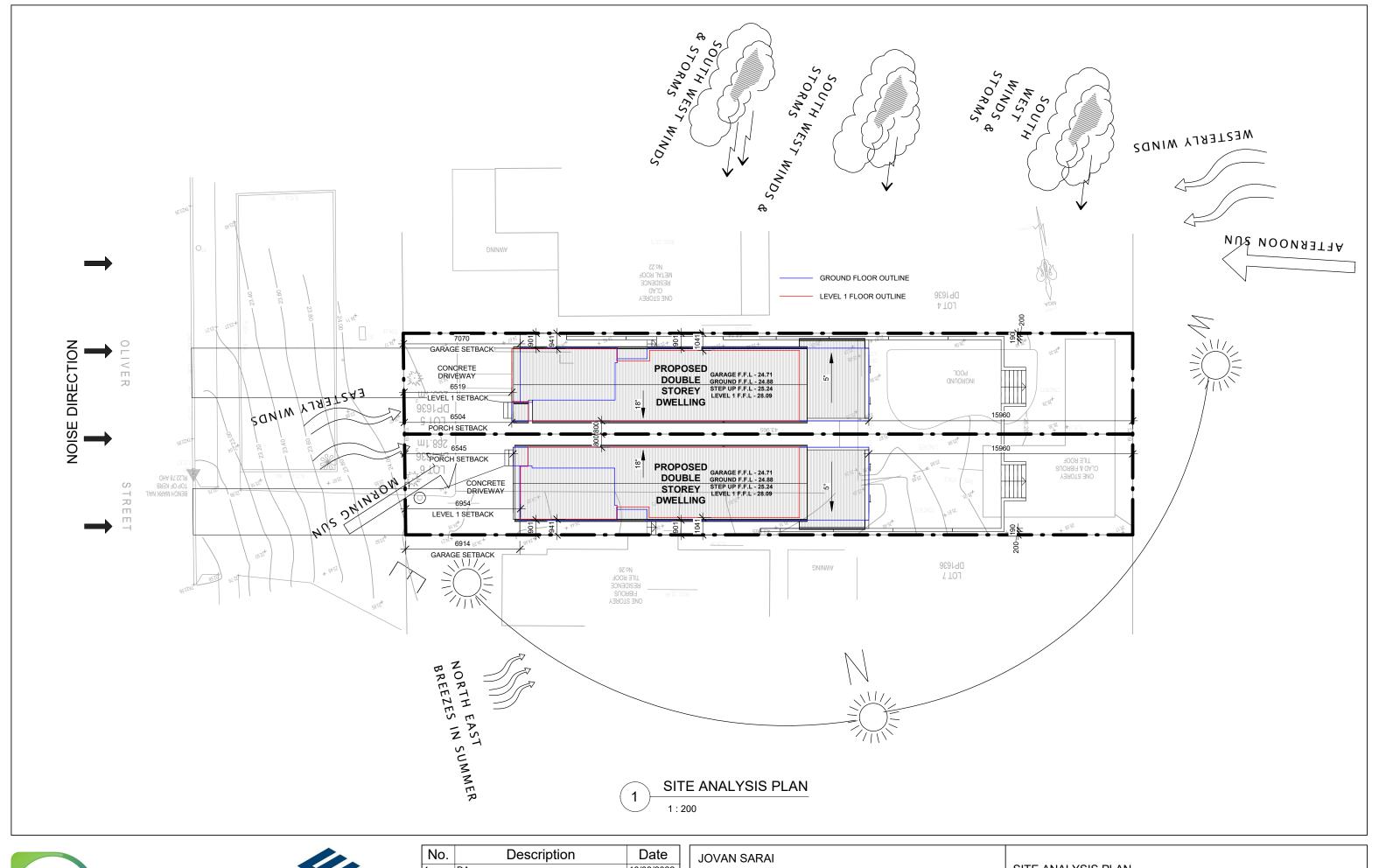






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| SIDE BOUNDARY ENVELOPE PERSPECTIVES |                |       |     |  |
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| Project number                      |                |       |     |  |
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| Drawn by                            | Ilhan Alijagic |       |     |  |
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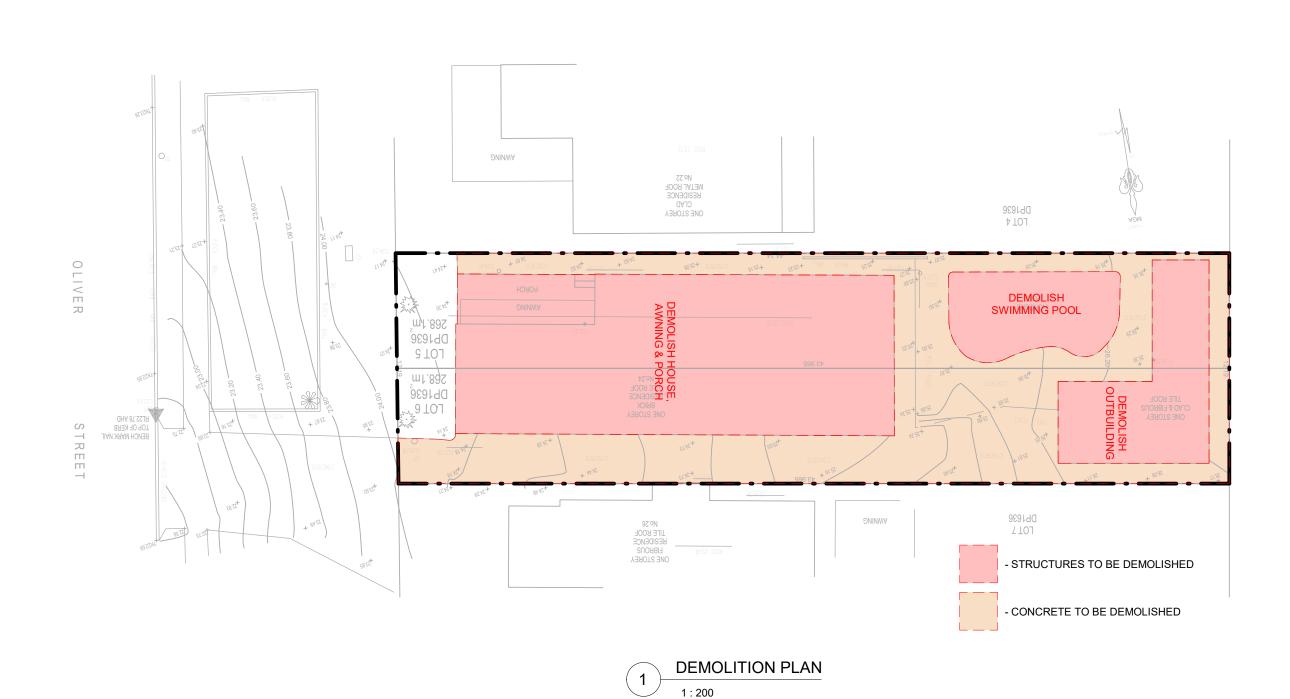




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| SITE ANALYSIS PLAN      |     |
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| Project number          |     |
| Date 10/08/2022 A-10    |     |
| Drawn by Ilhan Alijagic |     |
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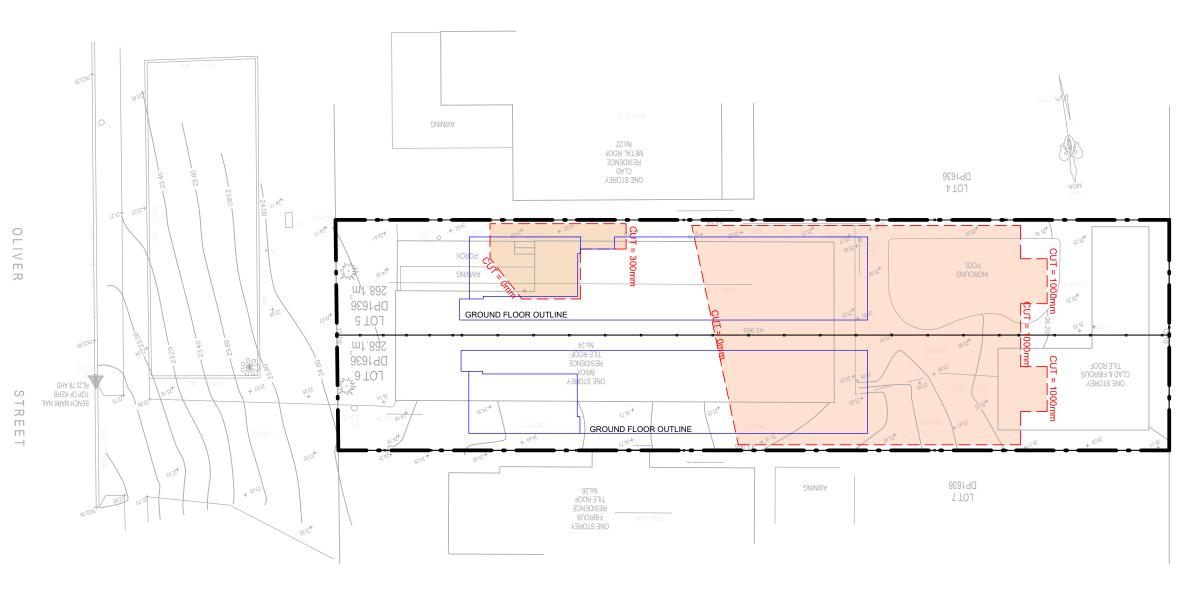


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| JOVAN SARAI                                                          | DEMOLITION PLAN | ١              |       |       |
|----------------------------------------------------------------------|-----------------|----------------|-------|-------|
| PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND | Project number  |                |       |       |
| CONSTRUCTION OF 2 DOUBLE STOREY                                      | Date            | 10/08/2022     | A-11  |       |
| DWELLINGS ON LOTS 5-6 DP1636 AT 24                                   | Drawn by        | Ilhan Alijagic |       |       |
| OLIVER STREET, FRESHWATER NSW 2096                                   | Checked by      |                | Scale | 1:200 |



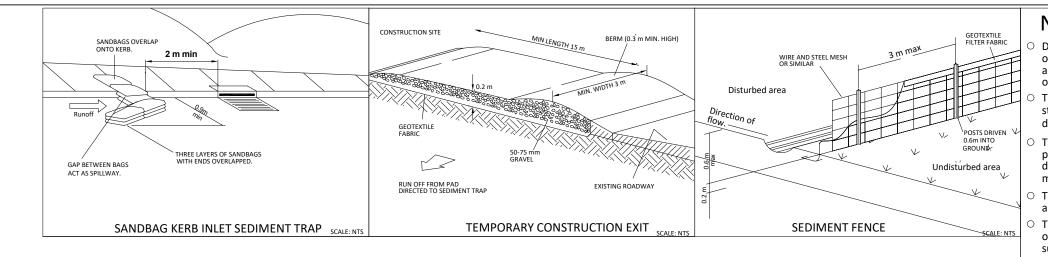
CUT & FILL PLAN

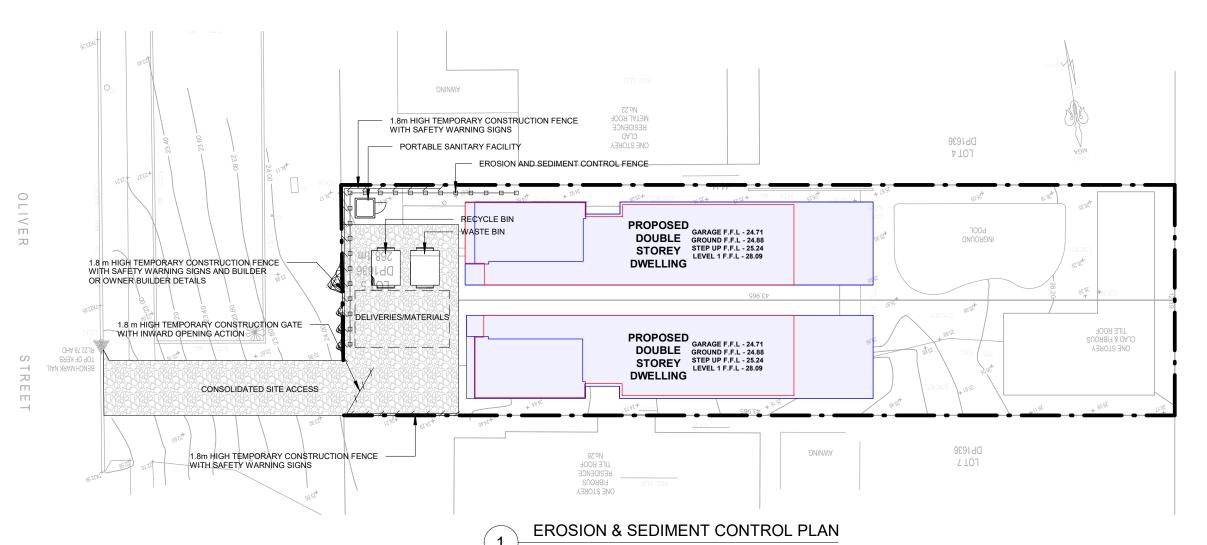




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| JOVAN SARAI                                                          | CUT & FILL PLAN |                |       |       |
|----------------------------------------------------------------------|-----------------|----------------|-------|-------|
| PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND | Project number  |                | A-12  |       |
| CONSTRUCTION OF 2 DOUBLE STOREY                                      | Date            | 10/08/2022     | A-12  |       |
| DWELLINGS ON LOTS 5-6 DP1636 AT 24                                   | Drawn by        | Ilhan Alijagic |       |       |
| OLIVER STREET, FRESHWATER NSW 2096                                   | Checked by      |                | Scale | 1:200 |





### Notes:

- Demolition work shall be carried out only between the hours of 7.00am and 6.00pm Monday to Friday inclusive, 8.00am and 5.00pm Saturdays. No work shall be carried out on Sundays and Public Holidays.
- The demolition of the ecisting building shall be carried out strictly in accordance with Australian Standards 2601 - The demolition of Structures and with Workcover Authority req.
- To ensure safe access to and from the site and what protection will be provide to the road and footpath area from demolition activities, crossing by heavy equipment, plant and materials deliveries and the like.
- The site to be used for the storage of demolished material and waste containers during the demolition period.
- To ensure that soil / demolished material is not transported on wheels ir tracks of vehicles or plant and deposited on surrounding roadways deliveries and the like.
- Any excavation adjacent to adjoining building or the road reserve, the proposed method of support is to be certified by an accredited certified in civil engineering support is to be certified by an accredited certified in civil engineering.
- Plant and materials delivery and static load from cranes, concrete pumps and the like will be accessed from within the site.
- Access to the property must be authorized by site office if site is unintended the site must be lock and closed at all times from the public.
- Techniques used for erosion and sediment control on building sites are to be adequately maintained at all time and must be installed in accordance with Council Specification for Erosion and Sediment control. All techniques shall remain in proper operation until all development activities have been completed and the site fully stabilised.
- All demolition Work shall be carried out in a safe manner by trained personnel under the management of a licensed demolished who is register with the Workcover Authority, in accordance with all relevant Acts, regulations and Australian Standards Note: The following Australian Standards applied at the time of determination
- A durable sign, which is available from council, shall be erected during building works in a prominent location on site, warning of penalties should appropriate erosion and sedimentation control devices not be maintained.
- Materials to be removed from the site must be source separated on site to maximize recycling and the material disposed of to an appropriate disposal and recycling facility in accordance with the approved Waste Management Plan.

### WARNING

SOIL & WATER:

- \* INSTALL SEDIMENT CONTROL FENCES ALONG THE LOW SIDE OF THE SITE BEFORE WORK BEGINS,
- \* STABILISE A SINGLE ENTRY/EXIT POINT USING LARGE AGGREGATE & OR AS REQ. BY COUNCIL.
- \* MINIMISE DISTURBANCE OF VEGETATION DURING EXCAVATION. DIAL BEFORE YOU DIG.
- \* PLACE SOIL STOCKPILES BEHIND & AWAY FROM SEDIMENT FENCING.
- \* KEEP THE ROAD AND FOOTPATH CLEAN

### WASTE:

\* CONSTRUCT ONE (2) WASTE BAYS TO ASSIST SORTING AND RECYCLING OF WASTE (W1,W2).

- \* ALL WASTE MUST BE CONTAINED IN WASTE RECYCLE BAYS & BINS
- \* REUSE AND RECYCLING OF WASTE SHOULD BE MAXIMISED.





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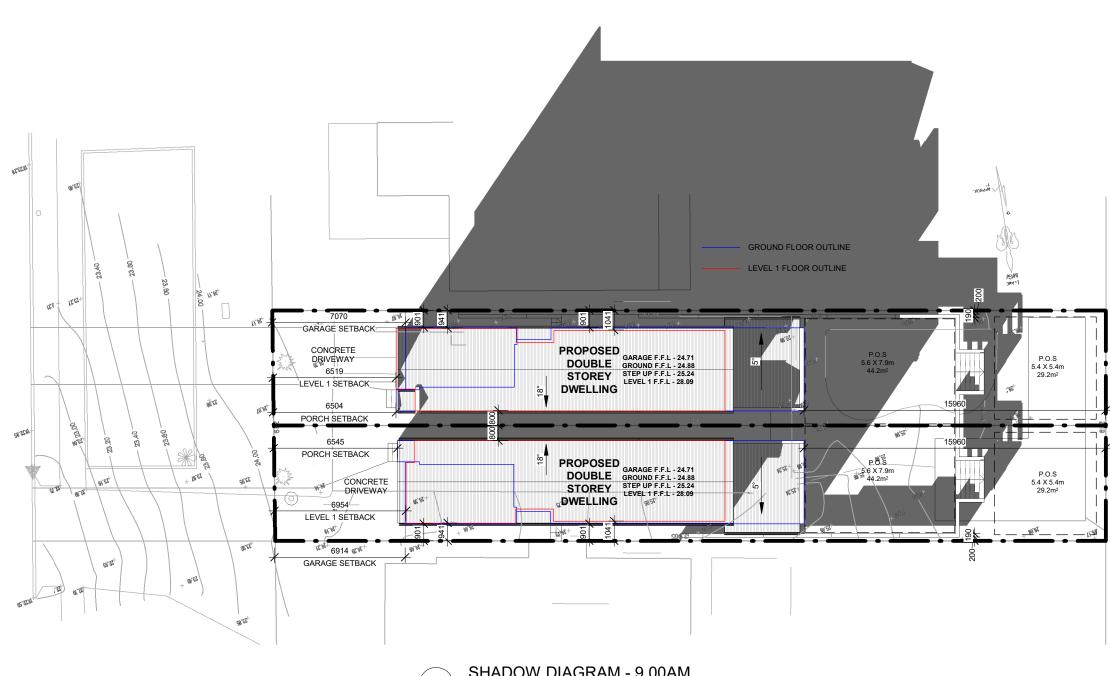
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# JOVAN SARAI

PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND CONSTRUCTION OF 2 DOUBLE STOREY DWELLINGS ON LOTS 5-6 DP1636 AT 24 OLIVER STREET, FRESHWATER NSW 2096

# EROSION & SEDIMENT CONTROL PLAN

| Project number |                |       | 40           |
|----------------|----------------|-------|--------------|
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| Drawn by       | Ilhan Alijagic |       |              |
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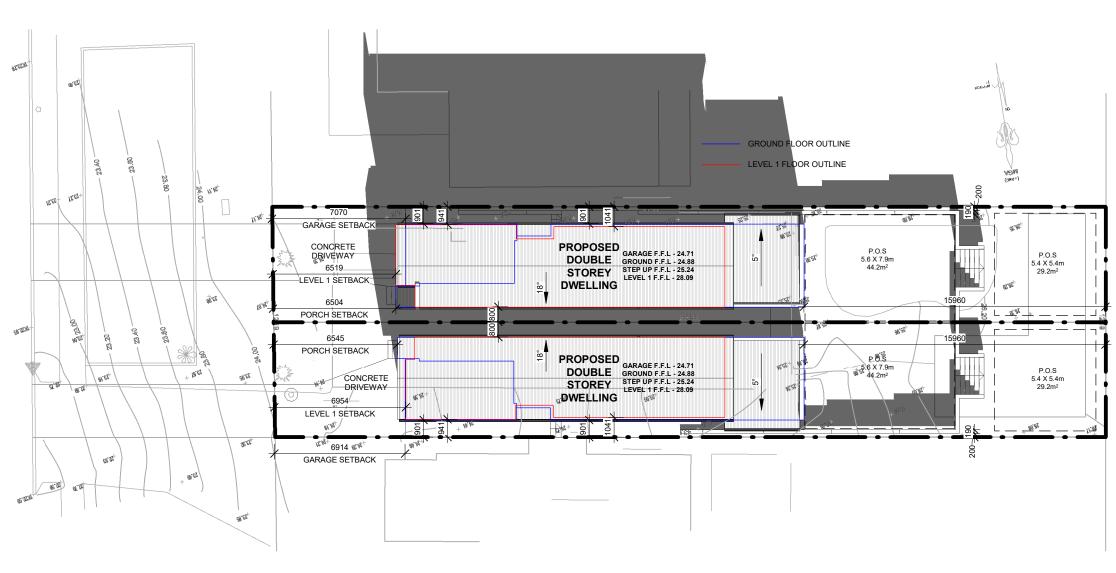
1 SHADOW DIAGRAM - 9.00AM





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| JOVAN SARAI                                                          | SHADOW DIAGRAM | - 9.00AM      |       |       |
|----------------------------------------------------------------------|----------------|---------------|-------|-------|
| PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND | Project number |               |       |       |
| CONSTRUCTION OF 2 DOUBLE STOREY                                      | Date           | 10/08/2022    | A-14  |       |
| DWELLINGS ON LOTS 5-6 DP1636 AT 24                                   | Drawn by       | lhan Alijagic |       |       |
| OLIVER STREET, FRESHWATER NSW 2096                                   | Checked by     |               | Scale | 1:200 |



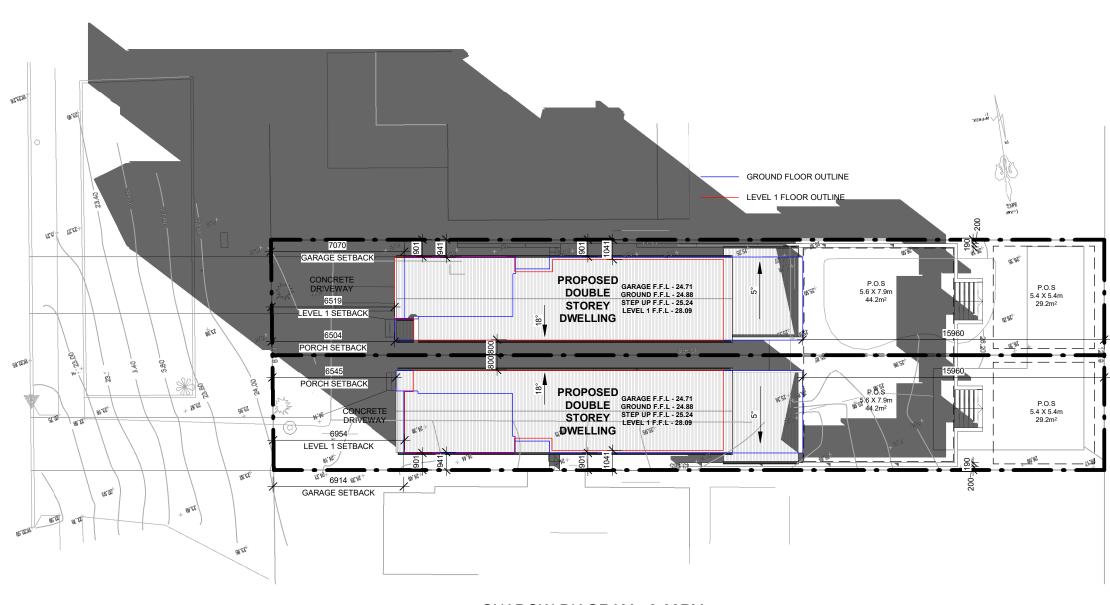
1 SHADOW DIAGRAM - 12.00PM





|       | Date     | Description | No. |
|-------|----------|-------------|-----|
| /2022 | 10/08/20 |             | 1   |
|       |          |             |     |
|       |          |             |     |
|       |          |             |     |
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| _     |          |             |     |

| PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND CONSTRUCTION OF 2 DOUBLE STOREY  SHADOW DIAGRAM - 12.00PM  Project number  Date 10/08/2022  A-15                                |                                                                                                                                         |                          |                |       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------|-------|-------|
| DWELLING & ASSOCIATED STRUCTURES AND CONSTRUCTION OF 2 DOUBLE STOREY  DWELLINGS ON LOTS 5-6 DP1636 AT 24  DIVER STREET FRESHWATER NSW 2006  Project number  Date 10/08/2022  Drawn by Ilhan Alijagic | JOVAN SARAI                                                                                                                             | SHADOW DIAGRAM - 12.00PM |                |       |       |
| CONSTRUCTION OF 2 DOUBLE STOREY  Date  10/08/2022  Drawn by  Ilhan Alijagic                                                                                                                          | PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND CONSTRUCTION OF 2 DOUBLE STOREY DWELLINGS ON LOTS 5-6 DP1636 AT 24 | Project number           |                |       |       |
| OLIVED STREET EDESHWATER NSW 2006                                                                                                                                                                    |                                                                                                                                         | Date                     | 10/08/2022     | A-15  |       |
| OLIVER STREET, FRESHWATER NSW 2096 Checked by Scale 1 : 200                                                                                                                                          |                                                                                                                                         | Drawn by                 | Ilhan Alijagic |       |       |
|                                                                                                                                                                                                      | OLIVER STREET, FRESHWATER NSW 2096                                                                                                      | Checked by               |                | Scale | 1:200 |



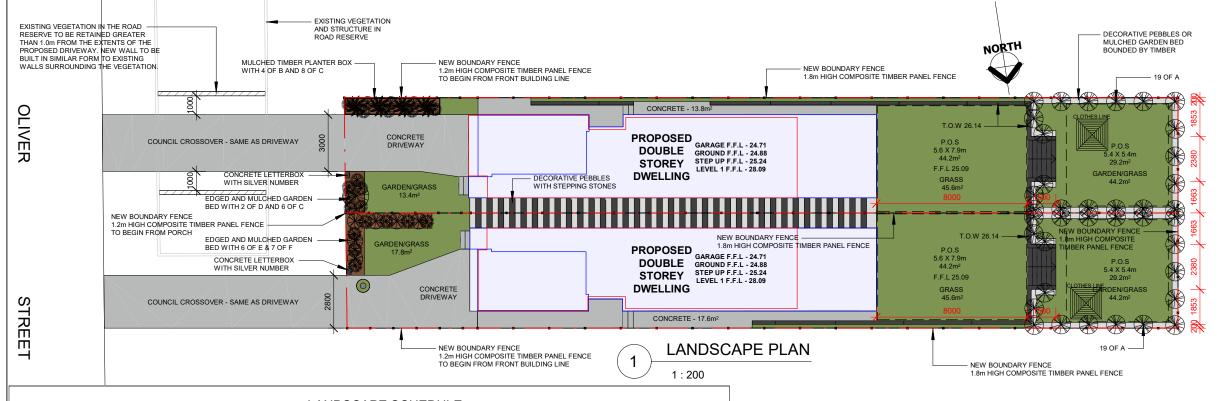
1 SHADOW DIAGRAM - 3.00PM





| No. |    | Description | Date       |
|-----|----|-------------|------------|
| 1   | DA |             | 10/08/2022 |
|     |    |             |            |
|     |    |             |            |
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|     |    |             |            |
|     | •  |             |            |

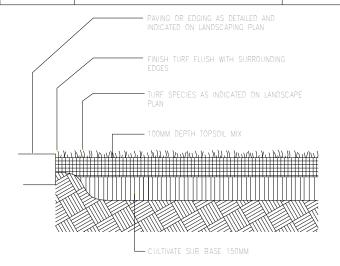
| JOVAN SARAI                                                              | SHADOW DIAGRAM | M - 3.00PM     |       |       |
|--------------------------------------------------------------------------|----------------|----------------|-------|-------|
| PROPOSED DEMOLITION OF EXISTING DWELLING & ASSOCIATED STRUCTURES AND     | Project number |                | A-16  |       |
| CONSTRUCTION OF 2 DOUBLE STOREY                                          | Date           | 10/08/2022     | A-16  |       |
| DWELLINGS ON LOTS 5-6 DP1636 AT 24<br>OLIVER STREET, FRESHWATER NSW 2096 | Drawn by       | Ilhan Alijagic |       |       |
|                                                                          | Checked by     |                | Scale | 1:200 |



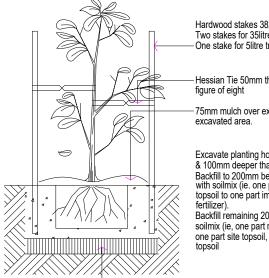
| LANDSCAPE CALCULATIONS    |                  |  |  |
|---------------------------|------------------|--|--|
| LOT 5                     |                  |  |  |
| LOT AREA                  | 268.1 m²         |  |  |
| CONCRETE DRIVEWAY         | 21.7 m²          |  |  |
| CONCRETE PATH & STAIRS    | 13.8 m²          |  |  |
| PEBBLES & STEPPING STONES | 17.2 m²          |  |  |
| TOTAL GARDEN AND GRASS    | 103.2 m²         |  |  |
| TOTAL LANDSCAPED AREA     | 107.7 m² (40.2%) |  |  |
| LOT 6                     |                  |  |  |
| LOT AREA                  | 268.1 m²         |  |  |
| CONCRETE DRIVEWAY         | 23.2 m²          |  |  |
| CONCRETE PATH & STAIRS    | 17.6 m²          |  |  |
| PEBBLES & STEPPING STONES | 17.2 m²          |  |  |
| TOTAL GARDEN AND GRASS    | 107.6 m²         |  |  |
| TOTAL LANDSCAPED AREA     | 107.6 m² (40.1%) |  |  |

# LANDSCAPE SCHEDULE

| SYMBOL | BOTANICAL NAME        | COMMON NAME                 | MATURE SIZE<br>(CLIP SIZE - HXW) | QTY | POT SIZE | L           |
|--------|-----------------------|-----------------------------|----------------------------------|-----|----------|-------------|
| Α      | MAGNOLIA GRANDIFLORA  | LITTLE GEM                  | (1.8X1.2)                        | 38  | 150 mm   | ] [         |
| В      | YUCCA ELEPHANTIPES    | SPINELESS YUCCA/STICK YUCCA | 2.0X1.0                          | 4   | 150 mm   | G<br>S<br>T |
| С      | LOMANDRA LABILL       | EVERGREEN BABY              | 0.45X0.45                        | 14  | 40 mm    | -           |
| D      | LAGERSTROEMEA INDICA  | CREPE MYRTLE "LIPAN"        | 4.0X3.0                          | 1   | 300 mm   | -           |
| E      | LAGERSTROEMEA SP      | DWARF CREPE MYRTLE ASSORTED | 2.0X2.0                          | 6   | 150 mm   | -           |
| F      | ANIGOZANTHOS X HYBRID | KANGAROO PAW BUSH PEARL     | 0.6X0.6                          | 7   | 100 mm   | ]-          |



Grassed area: turf using imported topsoil



Planting in garden beds

Not.To.Scale.

Hardwood stakes 38x38x1800 Two stakes for 35litre trees One stake for 5litre trees. Hessian Tie 50mm thick in 75mm mulch over extent of Excavate planting hole 600mm wider & 100mm deeper than rootball Backfill to 200mm below ground level with soilmix (ie. one part excavated site topsoil to one part imported soil, place

Backfill remaining 200mm with organic soilmix (ie, one part mushroom compost one part site topsoil, two parts imported

- Cultivate subgrade

### LANDSCAPING NOTES

### **GENERALLY**

setout shall be determined from the building plans and from on site direction

- —removal of existing plant and weed growth as directed

### PLANTING AREAS

Ensure that the mass planting areas have been excavated to 300 below finished levels. Rip to a further depth of 150mm. Apply gypsum at a rate of 300 grams/m sq. to subgrade and cultivate into a depth of 150mm. Supply and install 300mm soil mix. Soil mix to comprise of one part approved compost to three parts topsoil. Topsoil shall be either imported topsoil or stockpiled site topsoil (if suitable ie: No Clay). Install 75mm

### PLANT MATERIAL

damaged stock shall be replaced. Generaly place all plants as noted and finish a rootball with finished surface of soil surrounding the hole.

### PLANT ESTABLISHED PERIOD

The plant established period shall be twenty six weeks, during which the special

### IMPORTED SOIL

Imported topsoil shall be sandy loam comprising 85% coarse and fine sands and 15% max of humus and fine materials. It shall be in a friable state, free from perennial or noxious weeds and seeds. Soil pH shall be within a range of

Lay in 150 deep layers and compact. Fill shall contain not less than 30% clay

### SOIL MIXTURE

### MULCH

Mulch shall be pine flake or hardwood chip of 38x38 max size. The mulch shabe free of any debris such as soil, weed growth or other material.

### **FERTILIZERS**

Trees and shrubs — prolonged release tablets equal to "agriform 20-4.3-4.1" analysis.

351 containers 4tablets x 21g
Turfed areas - lawn fertilizer N.P.K./9.1:4.1:4.6@5kg/100sqm
Ground covers - "Osmocote to man. instructions.

### WEED CONTROL

Remove small areas of weed by hand after rain or heavy watering when ground

accordance with the manufacturers instructions.

### TURF

draining and even surfaces.Depth and placement of topsoil shall allow final level of turf to be approx. 10 mm above adjoining finished surfaces. Dampen soil and fertilize prior to a planting turf. Lay "Kikuyu"turf rolls closely butted and water thoroughly with a fine spray immediately after laying. Protect new turf against traffic until well established



CONCRETE LETTERBOX - BLACK WITH SILVER NUMBER

### MAINTENANCE:

- Water landscaping as required to maintain the best possible growing conditions
- -Replace plants which die or fall to thrive

- -Adjust stakes and tying of plants as required

# Detail.

Ground preparation

M: 0457 451 758 M: 0419 183 175 E: ilhan@obliqdesign.com.au E: h\_alijagic@bigpond.com ABN: 77 802 983 648



| No. | Description | Date       |
|-----|-------------|------------|
| 1   | DA          | 10/08/2022 |
|     |             |            |
|     |             |            |
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|     |             |            |
|     |             |            |

### **JOVAN SARAI**

PROPOSED DEMOLITION OF EXISTING **DWELLING & ASSOCIATED STRUCTURES AND CONSTRUCTION OF 2 DOUBLE STOREY** DWELLINGS ON LOTS 5-6 DP1636 AT 24 OLIVER STREET, FRESHWATER NSW 2096

### LANDSCAPE PLAN, CALCULATIONS, SCHEDULE & NOTES

| Project number |                |       | A 47         |
|----------------|----------------|-------|--------------|
| Date           | 10/08/2022     |       | A-17         |
| Drawn by       | Ilhan Alijagic |       |              |
| Checked by     |                | Scale | As indicated |

| Water Commitments                                                                                                                                                                                                                | Show on DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|--------------------|
| Fixtures                                                                                                                                                                                                                         |                  |                              |                    |
| The applicant must install showerheads with a minimum rating of 4 star (> 4.5 but <= 6 L/min plus spray force and/or coverage tests) in all showers in the development.                                                          |                  | ~                            | -                  |
| The applicant must install a toilet flushing system with a minimum rating of 4 star in each toilet in the development.                                                                                                           |                  | ~                            | V                  |
| The applicant must install taps with a minimum rating of 4 star in the kitchen in the development.                                                                                                                               |                  | ~                            |                    |
| The applicant must install basin taps with a minimum rating of 4 star in each bathroom in the development.                                                                                                                       |                  | V                            |                    |
| Alternative water                                                                                                                                                                                                                |                  |                              |                    |
| Rainwater tank                                                                                                                                                                                                                   |                  |                              |                    |
| The applicant must install a rainwater tank of at least 2000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.                  | ~                | -                            | V                  |
| The applicant must configure the rainwater tank to collect rain runoff from at least 99.4 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam). |                  | ~                            | V                  |
| The applicant must connect the rainwater tank to:                                                                                                                                                                                |                  |                              |                    |
| all toilets in the development                                                                                                                                                                                                   |                  | -                            | V                  |
| <ul> <li>at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human<br/>consumption in areas with potable water supply.)</li> </ul>                                       |                  | -                            |                    |

| Thermal Comfort Commitments                                                                                                                         | Show on DA plans | Show on CC/CDC plans & specs | Certifier<br>check |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|--------------------|--|--|
| General features                                                                                                                                    |                  |                              |                    |  |  |
| The dwelling must not have more than 2 storeys.                                                                                                     | ~                | ~                            | V                  |  |  |
| The conditioned floor area of the dwelling must not exceed 300 square metres.                                                                       | ~                | ~                            | V                  |  |  |
| The dwelling must not contain open mezzanine area exceeding 25 square metres.                                                                       | ~                | ~                            | V                  |  |  |
| The dwelling must not contain third level habitable attic room.                                                                                     | V                | V                            | V                  |  |  |
| Floor, walls and ceiling/roof                                                                                                                       |                  |                              |                    |  |  |
| The applicant must construct the floor(s), walls, and ceiling/roof of the dwelling in accordance with the specifications listed in the table below. | ~                | ~                            | ~                  |  |  |

| 0                                                                      | Additional involution or main d (B. Value) | Other and office the con-                     |
|------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------|
| Construction                                                           | Additional insulation required (R-Value)   | Other specifications                          |
| floor - concrete slab on ground, 80.7 square metres                    | nil                                        |                                               |
| floor - above habitable rooms or mezzanine, 43.7 square metres, framed | nil                                        |                                               |
| floor - suspended floor above garage, framed                           | nil                                        |                                               |
| external wall - brick veneer                                           | 1.86 (or 2.40 including construction)      |                                               |
| external wall - framed (weatherboard, fibre cement, metal clad)        | 2.00 (or 2.40 including construction)      |                                               |
| external wall - concrete block/plasterboard                            | 1.88 (or 2.40 including construction)      |                                               |
| external wall - concrete panel/plasterboard (concrete: 155 mm)         | 2.08 (or 2.40 including construction)      |                                               |
| internal wall shared with garage - plasterboard                        | nil                                        |                                               |
| ceiling and roof - flat ceiling / pitched roof                         | ceiling: 4.5 (up), roof: foil/sarking      | unventilated; dark (solar absorptance > 0.70) |

| Thermal Comfort Commitments                                                                                                                                                                                                                                                                                                                                                                                                                         | Show on DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|--------------------|
| Windows, glazed doors and skylights                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |                              |                    |
| The applicant must install the windows, glazed doors and shading devices described in the table below, in accordance with the specifications listed in the table. Relevant overshadowing specifications must be satisfied for each window and glazed door.                                                                                                                                                                                          | •                | ~                            | -                  |
| The dwelling may have 1 skylight (<0.7 square metres) which is not listed in the table.                                                                                                                                                                                                                                                                                                                                                             | V                | V                            | V                  |
| The following requirements must also be satisfied in relation to each window and glazed door:                                                                                                                                                                                                                                                                                                                                                       | ~                | ~                            |                    |
| For the following glass and frame types, the certifier check can be performed by visual inspection.                                                                                                                                                                                                                                                                                                                                                 |                  |                              |                    |
| - Aluminium single clear                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |                              |                    |
| - Aluminium double (air) clear                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                              |                    |
| - Timber/uPVC/fibreglass single clear                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                              |                    |
| - Timber/uPVC/fibreglass double (air) clear                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                              |                    |
| <ul> <li>For other glass or frame types, each window and glazed door must be accompanied with certification showing a U value no greater than that listed and a Solar Heat Gain Coefficient (SHGC) within the range of those listed. Total system U values and SHGC must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. Frame and glass types shown in the table below are for reference only.</li> </ul> |                  |                              | ~                  |

| OB<br>DE            | SIGN 9 PENGUIN PARADE HINCHINBROOK NSW 2168 M: 0457 451 758 M: 0419 183 175 |
|---------------------|-----------------------------------------------------------------------------|
| ABN: 77 802 983 648 | E: ilhan@obliqdesign.com.au<br>E: h_alijagic@bigpond.com                    |



|                          | No. | Description | Date       |
|--------------------------|-----|-------------|------------|
|                          | 1   | DA          | 10/08/2022 |
|                          |     |             |            |
|                          |     |             |            |
|                          |     |             |            |
| CONSTRUCTION ENGINEERING |     |             |            |
| ABN: 31 143 485 367      |     |             |            |

| Date       | JOVAN SARAI                        |
|------------|------------------------------------|
| 10/08/2022 |                                    |
|            |                                    |
|            | PROPOSED DEMOLITION OF EXISTING    |
|            | DWELLING & ASSOCIATED STRUCTURES A |
|            | CONSTRUCTION OF 2 DOUBLE STOREY    |
|            | DWELLINGS ON LOTS 5-6 DP1636 AT 24 |
|            | OLIVER STREET, FRESHWATER NSW 2096 |
|            | · ·                                |

East facing

South facing

DOOR (LAUNDRY)

1800

1800

1800

600

2340

1800

600

600

2100

730

600

600

900

820

850

2650

900

1200

W7

W8

W9

W2

W3

W10

W11

| 14/40                                           | 200                       |                         |                    |                                                               |                                                   |                  |                              |                    |
|-------------------------------------------------|---------------------------|-------------------------|--------------------|---------------------------------------------------------------|---------------------------------------------------|------------------|------------------------------|--------------------|
| W12<br>W13                                      | 800<br>600                | 1500                    |                    | n, single, clear                                              | none                                              |                  | not overshadowed             |                    |
|                                                 | 000                       | 1300                    | alullillillilli    | n, single, clear                                              | none                                              |                  | Tiot oversitadowed           |                    |
| West facing                                     | 0400                      | 10000                   | I I and a set      |                                                               |                                                   |                  | and a second and a second    |                    |
| SD1                                             | 2400                      | 3600                    |                    | 5.6, SHGC: 0.369 - 0.451<br>m, single, Lo-Tsol Low-e)         | none                                              |                  | not overshadowed             |                    |
| W14                                             | 800                       | 2000                    | aluminium          | n, single, clear                                              | eave 480 mm, 800 mm a<br>of window or glazed door |                  | not overshadowed             |                    |
| Energy Commitme                                 | ents                      |                         |                    |                                                               |                                                   | Show on DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
| Hot water                                       |                           |                         |                    |                                                               |                                                   |                  |                              |                    |
|                                                 |                           | er system in the dev    | velopment, or a    | a system with a higher ener                                   | gy rating: gas                                    |                  |                              |                    |
| Cooling system                                  |                           |                         |                    |                                                               |                                                   |                  |                              | <b>'</b>           |
|                                                 |                           | system, or a syster     | m with a higher    | energy rating, in at least 1                                  | living area: 3-phase                              |                  | ~                            |                    |
| The applicant must inst airconditioning; Energy |                           | system, or a system     | m with a higher    | energy rating, in at least 1                                  | bedroom: 3-phase                                  |                  | ~                            | V                  |
| Heating system                                  |                           |                         |                    |                                                               |                                                   |                  |                              |                    |
| The applicant must inst airconditioning; Energy |                           | system, or a system     | m with a highe     | r energy rating, in at least 1                                | living area: 3-phase                              |                  | ~                            | -                  |
| The applicant must inst airconditioning; Energy |                           | system, or a syster     | m with a highe     | r energy rating, in at least 1                                | bedroom: 3-phase                                  |                  | ~                            | ~                  |
| Ventilation                                     |                           |                         |                    |                                                               |                                                   |                  |                              |                    |
| The applicant must inst                         |                           |                         |                    |                                                               |                                                   |                  |                              |                    |
| At least 1 Bathroom: i                          | ndividual fan, ducted to  | façade or roof; Ope     | eration control:   | manual switch on/off                                          |                                                   |                  | <b>V</b>                     |                    |
| Kitchen: individual fan                         | , ducted to façade or ro  | of; Operation contro    | ol: manual swit    | ch on/off                                                     |                                                   |                  |                              |                    |
| Laundry: individual far                         | n, ducted to façade or re | oof; Operation contr    | rol: manual swi    | tch on/off                                                    |                                                   |                  | <b>,</b> ,                   | _                  |
|                                                 |                           | . ,                     |                    |                                                               |                                                   |                  |                              |                    |
| Artificial lighting                             |                           |                         |                    |                                                               |                                                   |                  | I                            | T                  |
|                                                 | here the word "dedicate   |                         |                    | nt or light emitting diode (LE<br>ghts must only be capable o |                                                   |                  |                              |                    |
| at least 3 of the bed                           | rooms / study; dedicate   | :d                      |                    |                                                               |                                                   |                  |                              |                    |
| at least 1 of the livin                         | g / dining rooms; dedic   | ated                    |                    |                                                               |                                                   |                  |                              |                    |
| the kitchen; dedicate                           | ad                        |                         |                    |                                                               |                                                   |                  | _                            | "                  |
| the kitchen, dedicate                           | eu                        |                         |                    |                                                               |                                                   |                  | <u> </u>                     | <u> </u>           |
| Energy Commitme                                 | ents                      |                         |                    |                                                               |                                                   | Show on DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
| all bathrooms/toilets                           | s; dedicated              |                         |                    |                                                               |                                                   |                  | - 4                          | J.                 |
| the laundry; dedicat                            | red                       |                         |                    |                                                               |                                                   |                  | <b>.</b>                     | <u> </u>           |
|                                                 |                           |                         |                    |                                                               |                                                   |                  | <b>Y</b>                     | _                  |
| all hallways; dedicate                          | tea                       |                         |                    |                                                               |                                                   |                  |                              | <u> </u>           |
| Natural lighting                                |                           |                         |                    |                                                               |                                                   |                  |                              |                    |
| The applicant must inst                         | all a window and/or sky   | light in the kitchen o  | of the dwelling    | for natural lighting.                                         |                                                   | ~                | <b>V</b>                     | V                  |
| The applicant must inst                         | all a window and/or sky   | light in 3 bathroom(    | s)/toilet(s) in th | e development for natural l                                   | ighting.                                          | <b>V</b>         | <u> </u>                     | V                  |
| Other                                           |                           |                         |                    |                                                               |                                                   |                  |                              |                    |
| The applicant must inst                         | all a gas cooktop & elec  | ctric oven in the kitch | hen of the dwe     | lling.                                                        |                                                   |                  |                              |                    |
| The applicant must con definitions.             | struct each refrigerator  | space in the develo     | opment so that     | it is "well ventilated", as def                               | ined in the BASIX                                 |                  | <u> </u>                     |                    |
| The applicant must inst                         | all a fixed outdoor cloth | es drying line as pa    | rt of the develo   | ppment.                                                       |                                                   |                  | <u> </u>                     |                    |
| definitions.  The applicant must inst           |                           |                         |                    |                                                               |                                                   |                  | ,                            |                    |
| EMOLITION C                                     | JE EXISTINIC              | :                       |                    | BASIX COMMI                                                   | TMENTS - LOT                                      | 5                |                              |                    |
| ASSOCIATED                                      |                           |                         |                    | Project number                                                |                                                   |                  |                              | 4.0                |
|                                                 |                           |                         |                    | Date                                                          | 10/08/202                                         | 22               | A-                           | 19                 |
| ON OF 2 DOUBLE STOREY                           |                           | -                       |                    | 10,00,20                                                      |                                                   |                  |                              |                    |

Drawn by

Checked by

Ilhan Alijagic

Scale

U-value: 6.6, SHGC: 0.441 - 0.539 none (aluminium, single, tint)

U-value: 6.6, SHGC: 0.369 - 0.451 none (aluminium, single, tint)

U-value: 6.6, SHGC: 0.369 - 0.451 none (aluminium, single, tint)

none

none

none

eave 584 mm, 325 mm above head of window or glazed door

eave 874 mm, 209 mm above head of window or glazed door

aluminium, single, clear

Shading Device (Dimension within Overshadowing 10%)

not overshadowed

| Water Commitments                                                                                                                                                                                                                | Show on<br>DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------|--------------------|
| Fixtures                                                                                                                                                                                                                         |                     |                              |                    |
| The applicant must install showerheads with a minimum rating of 4 star (> 4.5 but <= 6 L/min plus spray force and/or coverage tests) in all showers in the development.                                                          |                     | ~                            | -                  |
| The applicant must install a toilet flushing system with a minimum rating of 4 star in each toilet in the development.                                                                                                           |                     | ~                            | -                  |
| The applicant must install taps with a minimum rating of 4 star in the kitchen in the development.                                                                                                                               |                     | ~                            |                    |
| The applicant must install basin taps with a minimum rating of 4 star in each bathroom in the development.                                                                                                                       |                     | •                            |                    |
| Alternative water                                                                                                                                                                                                                |                     |                              |                    |
| Rainwater tank                                                                                                                                                                                                                   |                     |                              |                    |
| The applicant must install a rainwater tank of at least 2000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.                  | ~                   | ~                            | -                  |
| The applicant must configure the rainwater tank to collect rain runoff from at least 99.6 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam). |                     | ~                            | -                  |
| The applicant must connect the rainwater tank to:                                                                                                                                                                                |                     |                              |                    |
| all toilets in the development                                                                                                                                                                                                   |                     | <b>~</b>                     | V                  |
| <ul> <li>at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human<br/>consumption in areas with potable water supply.)</li> </ul>                                       |                     | •                            | -                  |

| Thermal Comfort Commitments                                                                                                                         | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|-----------------|
| General features                                                                                                                                    |                  |                              |                 |
| The dwelling must not have more than 2 storeys.                                                                                                     | ~                | ~                            | V               |
| The conditioned floor area of the dwelling must not exceed 300 square metres.                                                                       | ~                | ~                            | -               |
| The dwelling must not contain open mezzanine area exceeding 25 square metres.                                                                       | ~                | ~                            |                 |
| The dwelling must not contain third level habitable attic room.                                                                                     | V                | ~                            | V               |
| Floor, walls and ceiling/roof                                                                                                                       |                  |                              |                 |
| The applicant must construct the floor(s), walls, and ceiling/roof of the dwelling in accordance with the specifications listed in the table below. | ~                | ~                            | ~               |

| Construction                                                         | Additional insulation required (R-Value) | Other specifications                          |
|----------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|
| floor - concrete slab on ground, 81 square metres                    | nil                                      |                                               |
| floor - above habitable rooms or mezzanine, 43 square metres, framed | nil                                      |                                               |
| floor - suspended floor above garage, framed                         | nil                                      |                                               |
| external wall - brick veneer                                         | 1.86 (or 2.40 including construction)    |                                               |
| external wall - framed (weatherboard, fibre cement, metal clad)      | 2.00 (or 2.40 including construction)    |                                               |
| external wall - concrete block/plasterboard                          | 1.88 (or 2.40 including construction)    |                                               |
| external wall - concrete panel/plasterboard (concrete: 155 mm)       | 2.08 (or 2.40 including construction)    |                                               |
| internal wall shared with garage - plasterboard                      | nil                                      |                                               |
| ceiling and roof - flat ceiling / pitched roof                       | ceiling: 4.5 (up), roof: foil/sarking    | unventilated; dark (solar absorptance > 0.70) |

| Thermal Comfort Commitments                                                                                                                                                                                                                                                                                                                                                                                                                         | Show on<br>DA plans | Show on CC/CDC plans & specs | Certifier check |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------|-----------------|
| Nindows, glazed doors and skylights                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                              |                 |
| The applicant must install the windows, glazed doors and shading devices described in the table below, in accordance with the specifications listed in the table. Relevant overshadowing specifications must be satisfied for each window and glazed door.                                                                                                                                                                                          | ~                   |                              | -               |
| The dwelling may have 1 skylight (<0.7 square metres) which is not listed in the table.                                                                                                                                                                                                                                                                                                                                                             | <b>V</b>            | ~                            | ~               |
| The following requirements must also be satisfied in relation to each window and glazed door:                                                                                                                                                                                                                                                                                                                                                       | ~                   | ~                            | -               |
| For the following glass and frame types, the certifier check can be performed by visual inspection.                                                                                                                                                                                                                                                                                                                                                 |                     |                              | <b>V</b>        |
| - Aluminium single clear                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |                              |                 |
| - Aluminium double (air) clear                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                              |                 |
| - Timber/uPVC/fibreglass single clear                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                              |                 |
| - Timber/uPVC/fibreglass double (air) clear                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                              |                 |
| <ul> <li>For other glass or frame types, each window and glazed door must be accompanied with certification showing a U value no greater than that listed and a Solar Heat Gain Coefficient (SHGC) within the range of those listed. Total system U values and SHGC must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. Frame and glass types shown in the table below are for reference only.</li> </ul> |                     |                              | ~               |
| <ul> <li>Vertical external louvres and blinds must fully shade the window or glazed door beside which they are situated when fully drawn or<br/>closed.</li> </ul>                                                                                                                                                                                                                                                                                  |                     |                              | -               |

|                     | BLIQ<br>SIGN<br>9 PENGUIN PARADE<br>HINCHINBROOK NSW 2168<br>M: 0457 451 758<br>M: 0419 183 175 |
|---------------------|-------------------------------------------------------------------------------------------------|
| ABN: 77 802 983 648 | E: ilhan@obliqdesign.com.au<br>E: h_alijagic@bigpond.com                                        |



ABN: 31 143 485 367

| No. | Description | Date       |
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| 1   | DA          | 10/08/2022 |
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| Date<br>08/2022 | JOVAN SARAI                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | PROPOSED DEMOLITION OF EXISTING<br>DWELLING & ASSOCIATED STRUCTURES AND<br>CONSTRUCTION OF 2 DOUBLE STOREY<br>DWELLINGS ON LOTS 5-6 DP1636 AT 24<br>OLIVER STREET, FRESHWATER NSW 2096 |

North facing

W5

W4

W19

W18

W17

W16

W21

SD2

W15

East facing W20

West facing

**Energy Commitments** 

DOOR (LAUNDRY)

900

820

850

2650

900

1200

2000

1500

1200

730

3600

2000

2340

1800

600

600

2100

800

600

1800

1800

2400

800

aluminium, single, clear

(aluminium, single, tint) U-value: 6.6, SHGC: 0.369 - 0.451 (aluminium, single, tint)

aluminium, single, clear

U-value: 6.6, SHGC: 0.441 - 0.539

U-value: 5.6, SHGC: 0.369 - 0.451 (aluminium, single, Lo-Tsol Low-e)

| Hot water                                                                                                                                                                                                           |                                                   |                  |                              |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------|------------------------------|-----------------|
| The applicant must install the following hot water system in the development, or a s                                                                                                                                | system with a higher energy rating: gas           | J                |                              |                 |
| instantaneous with a performance of 4 stars.                                                                                                                                                                        |                                                   |                  |                              |                 |
| Cooling system  The applicant must install the following cooling system, or a system with a higher elements.                                                                                                        | nergy rating in at least 1 living area: 3-phase   |                  | <u> </u>                     | T               |
| airconditioning; Energy rating: EER > 4.0                                                                                                                                                                           |                                                   |                  | ~                            | ~               |
| The applicant must install the following cooling system, or a system with a higher el<br>airconditioning; Energy rating: EER > 4.0                                                                                  | nergy rating, in at least 1 bedroom: 3-phase      |                  | <b>V</b>                     | V               |
| Heating system                                                                                                                                                                                                      |                                                   |                  |                              |                 |
| The applicant must install the following heating system, or a system with a higher e airconditioning; Energy rating: EER > 4.0                                                                                      | energy rating, in at least 1 living area: 3-phase |                  | ~                            | ~               |
| The applicant must install the following heating system, or a system with a higher e<br>airconditioning; Energy rating: EER > 4.0                                                                                   | energy rating, in at least 1 bedroom: 3-phase     |                  | <b>V</b>                     |                 |
| Ventilation                                                                                                                                                                                                         |                                                   |                  |                              |                 |
| The applicant must install the following exhaust systems in the development:                                                                                                                                        |                                                   |                  |                              |                 |
| At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: m                                                                                                                                 | anual switch on/off                               |                  | <u>ر</u>                     | <u>ان</u> ا     |
| Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch                                                                                                                                 | on/off                                            |                  | <b>.</b>                     | <u>*</u> .      |
| Louisday individual for ducted to foode or roof: Operation control; manual quite                                                                                                                                    | h on/off                                          |                  | _                            | _               |
| Laundry: individual fan, ducted to façade or roof; Operation control: manual switch                                                                                                                                 | n on/on                                           |                  | <u> </u>                     | <b>V</b>        |
| Artificial lighting                                                                                                                                                                                                 |                                                   |                  |                              |                 |
| The applicant must ensure that the "primary type of artificial lighting" is fluorescent<br>following rooms, and where the word "dedicated" appears, the fittings for those ligh<br>ight emitting diode (LED) lamps: |                                                   |                  |                              |                 |
| at least 3 of the bedrooms / study; dedicated                                                                                                                                                                       |                                                   |                  |                              | 1               |
| at least 1 of the living / dining rooms; dedicated                                                                                                                                                                  |                                                   |                  |                              |                 |
| the kitchen; dedicated                                                                                                                                                                                              |                                                   |                  | _                            | *               |
|                                                                                                                                                                                                                     |                                                   |                  | <b>Y</b>                     | <b>V</b>        |
| Energy Commitments                                                                                                                                                                                                  |                                                   | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
| all bathrooms/toilets; dedicated                                                                                                                                                                                    |                                                   |                  |                              |                 |
| the laundry; dedicated                                                                                                                                                                                              |                                                   |                  |                              |                 |
| all hallways; dedicated                                                                                                                                                                                             |                                                   |                  | Ĭ.                           |                 |
|                                                                                                                                                                                                                     |                                                   |                  |                              |                 |
| Natural lighting                                                                                                                                                                                                    | y noticed limiting                                |                  |                              |                 |
| The applicant must install a window and/or skylight in the kitchen of the dwelling for                                                                                                                              | i riaturai lighting.                              | ~                | ~                            | ~               |
| The applicant must install a window and/or skylight in 3 bathroom(s)/toilet(s) in the                                                                                                                               | development for natural lighting.                 | V                |                              |                 |
| Other                                                                                                                                                                                                               |                                                   |                  | -                            |                 |
| The applicant must install a gas cooktop & electric oven in the kitchen of the dwellin                                                                                                                              | ng.                                               |                  |                              |                 |
| The applicant must construct each refrigerator space in the development so that it i                                                                                                                                | is "well ventilated", as defined in the BASIX     |                  |                              |                 |
| definitions.                                                                                                                                                                                                        |                                                   |                  | · ·                          |                 |
| The applicant must install a fixed outdoor clothes drying line as part of the develop                                                                                                                               | ment.                                             |                  | <b>V</b>                     |                 |
|                                                                                                                                                                                                                     |                                                   |                  |                              | -               |
|                                                                                                                                                                                                                     |                                                   |                  |                              |                 |
|                                                                                                                                                                                                                     | BASIX COMMITMENTS - LOT                           | T 6              |                              |                 |
| '                                                                                                                                                                                                                   |                                                   |                  |                              |                 |
| EMOLITION OF EXISTING                                                                                                                                                                                               |                                                   |                  |                              |                 |
| SSOCIATED STRUCTURES AND                                                                                                                                                                                            | Project number                                    |                  | ٨                            | -20             |
|                                                                                                                                                                                                                     | Date 10/08/20                                     | 22               | A-                           | -20             |
| NU 070 5 0 DD4000 AT 04                                                                                                                                                                                             |                                                   |                  |                              |                 |
| N LOTS 5-6 DP1636 AT 24                                                                                                                                                                                             | Drawn by Ilhan Alija                              | gic              |                              |                 |

Shading Device (Dimension within 0vershadowing 10%)

eave 584 mm, 325 mm above head not overshadowed

eave 910 mm, 150 mm above head of window or glazed door not overshadowed

eave 480 mm, 800 mm above head of window or glazed door not overshadowed

eave 874 mm, 209 mm above head of window or glazed door

external louvre/vertical blind (fixed)

none

none

none

none

not overshadowed

Show on CC/CDC plans & specs

Scale Checked by







| No. | Description | Date       |
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| 1   | DA          | 10/08/2022 |
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| PERSPECTIV     | E VIEW 1       |       |      |   |
|----------------|----------------|-------|------|---|
| Project number |                |       | 1.04 |   |
| Date           | 10/08/2022     |       | A-21 |   |
| Drawn by       | Ilhan Alijagic |       |      |   |
| Checked by     |                | Scale |      | 1 |







ABN: 31 143 485 367

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# JOVAN SARAI

| PERSPECTIVE    | E VIEW 2       |       |     |
|----------------|----------------|-------|-----|
| Project number |                |       |     |
| Date           | 10/08/2022     | A-2   | 22  |
| Drawn by       | Ilhan Alijagic |       |     |
| Checked by     |                | Scale | 1:1 |





|      | EXTERNAL COLOURS & MATERIALS |                                                                                                       |  |  |
|------|------------------------------|-------------------------------------------------------------------------------------------------------|--|--|
| MARK | IMAGE                        | DESCRIPTION                                                                                           |  |  |
| BW1  |                              | EXTERNAL WALLS - BLOCKWORK<br>AUSTRAL ARCHITEC SMOOTH IN CHARCOAL                                     |  |  |
| FB1  |                              | EXTERNAL WALLS - FACE BRICK<br>PGH DARK AND STORMY - LIGHTNING                                        |  |  |
| FC1  |                              | EXTERNAL WALLS - FIBRE CEMENT (GROOVED) JAMES HARDIE - AXON CLADDING 133mm SMOOTH MONUMENT OR SIMILAR |  |  |
| LW1  |                              | LW WALL - FIBRE CEMENT<br>PAINT FINISH IN VIVID WHITE                                                 |  |  |
| DW1  |                              | EXTERNAL WALLS - 155mm DINCEL WALL<br>CEMENT RENDER & PAINT FINISH IN VIVID WHITE                     |  |  |
| RO1  |                              | COLORBOND ROOF, GUTTER & DOWNPIPE IN MONUMENT                                                         |  |  |
|      |                              | EXTERNAL WINDOWS & DOORS POWDERCOATED IN MONUMENT                                                     |  |  |
|      |                              | GARAGE DOOR IN MONUEMNT                                                                               |  |  |
|      |                              | VERTICAL ALUMINIUM BATTENS<br>DECOBATTEN - BLUEASH                                                    |  |  |
|      |                              | DRIVEWAY - CONCRETE FINISH                                                                            |  |  |







CONCRETE LETTERBOX - BLACK WITH SILVER NUMBER





|                          |     | T T         |            |
|--------------------------|-----|-------------|------------|
|                          | No. | Description | Date       |
|                          | 1   | DA          | 10/08/2022 |
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|                          |     |             |            |
| CONSTRUCTION ENGINEERING |     |             |            |
| ABN: 31 143 485 367      |     |             |            |
| ADIN. 01 140 400 007     |     |             |            |

| PERSPECTIVE VIEW 3 |                |       |              |  |
|--------------------|----------------|-------|--------------|--|
| Project number     |                | A-23  |              |  |
| Date               | 10/08/2022     |       |              |  |
| Drawn by           | Ilhan Alijagic |       |              |  |
| Checked by         |                | Scale | As indicated |  |