# TEACHER HOUSING AUTHORITY PROPOSED HOUSING DEVELOPMENT AT 35E NANDEWAR STREET, NARRABRI - NSW 2390 LOT 14 | SECTION 19 | DP 758755



| <u>-</u> | LOCALITY PLAN |
|----------|---------------|
| A00      | NTS           |

|            | DRAWINGS SCHEDULE           |   |                           |            |  |  |  |  |  |  |  |  |
|------------|-----------------------------|---|---------------------------|------------|--|--|--|--|--|--|--|--|
| DWG<br>NO. | SHEET NAME                  |   | REVISION                  | DATE       |  |  |  |  |  |  |  |  |
| A00        | COVER SHEET & LOCALITY PLAN | С | RE-ISSUED FOR DA APPROVAL | 04/05/2021 |  |  |  |  |  |  |  |  |
| A01        | GENERAL NOTES & BASIX COM.  | Α | ISSUED FOR DA APPROVAL    | 04/05/2021 |  |  |  |  |  |  |  |  |
| A01'       | BASIX COMMITMENTS           | Α | ISSUED FOR DA APPROVAL    | 04/05/2021 |  |  |  |  |  |  |  |  |
| A02        | SITE PLAN                   | С | RE-ISSUED FOR DA APPROVAL | 04/05/2021 |  |  |  |  |  |  |  |  |
| A03        | FLOOR PLAN - UNIT 1         | С | RE-ISSUED FOR DA APPROVAL | 04/05/2021 |  |  |  |  |  |  |  |  |
| A04        | FLOOR PLAN - UNIT 2         | С | RE-ISSUED FOR DA APPROVAL | 04/05/2021 |  |  |  |  |  |  |  |  |
| A05        | FLOOR PLAN - UNIT 3         | С | RE-ISSUED FOR DA APPROVAL | 04/05/2021 |  |  |  |  |  |  |  |  |
| A06        | UNIT 1 - ELEVATIONS         | В | ISSUED FOR DA APPROVAL    | 28/04/2021 |  |  |  |  |  |  |  |  |
| A07        | UNITS 2 & 3 - ELEVATIONS    | В | ISSUED FOR DA APPROVAL    | 28/04/2021 |  |  |  |  |  |  |  |  |
| A08        | SECTION                     | В | ISSUED FOR DA APPROVAL    | 28/04/2021 |  |  |  |  |  |  |  |  |
| A09        | WINDOWS & DOORS SCHEDULE    | В | ISSUED FOR DA APPROVAL    | 28/04/2021 |  |  |  |  |  |  |  |  |
| A10        | SHADOW DIAGRAMS             | Α | ISSUED FOR DA APPROVAL    | 04/05/2021 |  |  |  |  |  |  |  |  |

### Notes:

 Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

2. The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their

The Department uses virus scanning software to prevent file and syste virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.



| STATUS: NOT FOR CONSTRUCTION |                            |    |          |  |  |  |  |  |  |
|------------------------------|----------------------------|----|----------|--|--|--|--|--|--|
| REV:                         | DESCRIPTION: BY: DATE:     |    |          |  |  |  |  |  |  |
| Α                            | ISSUED FOR CLIENT APPROVAL | VM | 29/03/21 |  |  |  |  |  |  |
| В                            | ISSUED FOR DA APPROVAL     | VM | 28/04/21 |  |  |  |  |  |  |
| С                            | RE-ISSUED FOR DA APPROVAL  | VM | 04/05/21 |  |  |  |  |  |  |
|                              |                            |    |          |  |  |  |  |  |  |





| STE: 35E Nandewar Street<br>Narrabri - NSW |    |             |        |           |  |  |  |  |  |  |
|--|----|-------------|--------|-----------|--|--|--|--|--|--|
| THA Capital Works LOCALITY PLAN            |    |             |        |           |  |  |  |  |  |  |
| SCALE AT A3:                               |    | DATE:       | DRAWN: | CHECKED:  |  |  |  |  |  |  |
| NTS  |    | 04/05/2021  | VM     | VM        |  |  |  |  |  |  |
| PROJECT NO:                                |    | DRAWING NO: |        | REVISION: |  |  |  |  |  |  |
| 100420                                     | 01 | A(          | С      |           |  |  |  |  |  |  |

### GENERAL NOTES (BCA)

WINDOW SIZES NOMINATED ARE NOMINAL ONLY. ACTUAL SIZE MAY VARY ACCORDING TO MANUFACTURER. WINDOWS TO BE FLASHED ALL AROUND.

WHERE THE BUILDING (EXCLUDES A DETACHED CLASS 10) IS LOCATED IN A TERMITE PRONE AREA THE AREA TO UNDERSIDE OF BUILDING AND PERIMETER IS TO BE TREATED AGAINST TERMITE ATTACK.

FOR BUILDINGS IN MARINE OR OTHER EXPOSURE ENVIRONMENTS SHALL HAVE MASONRY LINITS. MORTAR AND ALL BUILD IN COMPONENTS AND THE LIKE COMPLYING WITH THE DURABILITY REQUIREMENTS OF TABLE 5.1 OF AS3700 MASONRY STRUCTURES

ALL STORMWATER TO BE TAKEN TO THE LEGAL POINT OF DISCHARGE TO THE RELEVANT AUTHORITIES APPROVAL.

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ALL OTHER CONSULTANTS DRAWINGS/DETAILS AND WITH ANY OTHER WRITTEN INSTRUCTIONS ISSUED IN THE COURSE OF THE CONTRACT.

SURVEY PLAN MEASUREMENTS IN METERS - ALL OTHER MEASUREMENTS IN MILLIMETERS U.N.O.

FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

THE BUILDER SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE STABILITY AND GENERAL WATER TIGHTNESS OF ALL NEW AND/OR EXISTING STRUCTURES DURING ALL WORKS

THE BUILDER AND SUBCONTRACTORS SHALL CHECK AND VERIFY ALL DIMENSIONS, SETBACKS, LEVELS AND SPECIFICATIONS AND ALL OTHER RELEVANT DOCUMENTATION PRIOR TO THE COMMENCEMENT OF ANY WORKS. REPORT ALL DISCREPANCIES TO THIS OFFICE FOR CLARIFICATION.

NSTALLATION OF ALL SERVICES SHALL COMPLY WITH THE RESPECTIVE SUPPLY AUTHORITY REQUIREMENTS.

THE BUILDER AND SUBCONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS, SEWER PIPES AND THE LIKE ARE LOCATED AT A SUFFICIENT DISTANCE FROM ANY BUILDINGS FOOTING AND/OR SLAB EDGE BEAMS SO AS TO PREVENT GENERAL MOISTURE PENETRATION, DAMPNESS, WEAKENING AND UNDERMINING OF ANY BUILDING AND ITS FOOTING SYSTEM

THESE PLANS HAVE BEEN PREPARED FOR THE EXCLUSIVE USE BY THE CLIENT FOR THE PURPOSE EXPRESSLY NOTIFIED TO THE DESIGNER. ANY OTHER PERSON WHO USES OR RELIES ON THESE PLANS WITHOUT THE DESIGNER'S WRITTEN CONSENT DOES SO AT THEIR OWN RISK AND NO RESPONSIBILITY IS ACCEPTED BY THE DESIGNER FOR SUCH USE AND/OR RELIANCE.

THE APPROVAL BY THIS OFFICE OF A SUBSTITUTE MATERIAL. WORK PRACTICE, VARIATION OR THE LIKE IS NOT AN AUTHORISATION FOR ITS USE OR A CONTRACT VARIATION. ANY SAID VARIATIONS MUST BE ACCEPTED BY ALL PARTIES TO THE AGREEMENT AND WHERE APPLICABLE THE RELEVANT BUILDING SURVEYOR PRIOR TO IMPLEMENTING THE SAID VARIATION.

## SITE CLASSIFICATION

REFER TO SOIL REPORT PROVIDED BY LICENSED SOIL ENGINEER FOR SITE CLASSIFICATION.

100mm DIA. CLASS 6 UPVC STORMWATER LINE LAID TO A MINIMUM GRADE OF 1:100 AND CONNECTED TO THE LEGAL POINT OF STORMWATER DISCHARGE, PROVIDE INSPECTION OPENINGS AT 9000MM C/C AND AT EACH CHANGE OF DIRECTION

THE COVER TO UNDERGROUND STORMWATER DRAINS SHALL BE NOT LESS THAN

- 300MM UNDER SOIL
- 50MM LINDER PAVED OR CONCRETE AREAS
- 100MM UNDER UNREINFORCED CONCRETE OR PAVED DRIVEWAYS
- 75MM UNDER REINFORCED CONCRETE DRIVEWAYS

### DESIGN GUST WIND SPEED / WIND CLASSIFICATION

BUILDING TIE-DOWNS TO BE PROVIDED IN ACCORDANCE WITH AS1684 FOR AN ASSUMED DESIGN GUST WIND SPEED / WIND CLASSIFICATION TO BE CONFIRMED ON SITE BY RELEVANT BUILDING SURVEYOR AT FIRST INSPECTION. REFER TO AS1684 AND ENGINEERING PLANS FOR CONSTRUCTION REQUIREMENTS.

### GENERAL NOTES (BCA)

ALL MATERIALS AND WORK PRACTICES SHALL COMPLY WITH, BUT NOT LIMITED TO THE BUILDING REGULATIONS, THE BUILDING CODE OF AUSTRALIA AND ALL RELEVANT CURRENT AUSTRALIAN STANDARDS (AS AMENDED) REFERRED TO THEREIN

GLAZING INCLUDING SAFETY GLAZING SHALL BE INSTALLED TO A SIZE. TYPE AND THICKNESS SO AS TO COMPLY WITH: BCA PART 3.6 FOR CLASS 1 AND 10 BUILDINGS WITHIN A DESIGN WIND SPEED OF NOT MORE THAN N3, AND -BCA PART B1.4 FOR CLASS 2 TO 9 BUILDINGS

WATERPROOFING OF WET AREAS, BEING BATHROOMS, SHOWERS, SHOWER ROOMS, LAUNDRIES, SANITARY COMPARTMENTS AND THE LIKE SHALL BE PROVIDED IN ACCORDANCE WITH AS 3740: WATERPROOFING OF WET AREAS IN RESIDENTIAL BUILDINGS.

STEP SIZES (OTHER THAN FOR SPIRAL STAIRS) TO BE:

- RISERS (R) 190MM MAXIMUM AND 115MM MINIMUM
- GOING (G) 355MM MAXIMUM AND 240MM MINIMUM
- 2R + 1G = 700MM MAXIMUM AND 550MM MINIMUM
- WITH LESS THAN 125MM GAP BETWEEN OPEN TREADS

ALL TREADS, LANDINGS AND THE LIKE TO HAVE NON SLIP FINISH OR SUITABLE NON-SKID STRIP NEAR EDGE OF NOSING.

CONTRACTOR IS RESPONSIBLE FOR FULL COMPLIANCE WITH ALL ADDITIONAL REQUIREMENTS LISTED IN THE 'BUSH FIRE ASSESSMENT REPORT' SUPPLIED BY BARNSON PTY LTD, DATED 12th DECEMBER 2017.

### CONSTRUCTION

DESIGN & LEVELS PROVIDED ARE BASED ON SURVEY INFORMATION AVAILABLE FROM GRAHAM F. HOWE SURVEYING (REF.:T18-9). ENSURE THAT ACTUAL SITE FINISHED LEVELS ARE LOGICAL AND COMPLY WITH DRAINAGE INTENT. OBTAIN PROJECT MANAGERS APPROVAL WITH ANY DISCREPANCIES.

ALL WORKS TO BE IN ACCORDANCE WITH LOCAL COUNCIL STANDARDS, SPECIFICATIONS AND AUSTRALIAN STANDARDS. CONFLICTS SHALL BE REFERRED TO THE PROJECT MANAGER FOR DIRECTION.

THE CONTRACTOR IS TO OBTAIN ALL AUTHORITY APPROVALS AS REQUIRED.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, LOCATION AND LEVELS OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL ALLOW FOR ANY PROTECTION TO EXISTING SERVICES AS REQUIRED. ANY SERVICE DAMAGED DURING THE WORKS SHALL BE REINSTATED AT THE CONTRACTORS EXPENSE.

### Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

### 1. Commitments for multi-dwelling houses

### (a) Dwellings

| (i) Water  | Show on<br>DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
|--|---------------------|------------------------------|--------------------|
| (a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.   |                     |                              |                    |
| (b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).          | ~                   | ~                            |                    |
| (c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that<br>each such fixture and appliance meets the rating specified for it.   |                     | ~                            | V                  |
| (d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.   |                     | V                            | -                  |
| (e) The applicant must install:  |                     |                              |                    |
| (aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in<br>the "HW recirculation or diversion" column of the table below; and  |                     | ~                            | •                  |
| (bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant<br>must connect the hot water diversion tank to all toilets in the dwelling.  |                     | ~                            | V                  |
| (e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the<br>table below.   | V                   | ~                            |                    |
| (f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).   |                     | ~                            |                    |
| (g) The pool or spa must be located as specified in the table.   | V                   | ~                            |                    |
| (h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in<br>the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies<br>any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified. | v                   | ~                            | ~                  |

|                  | Fixtures                               |                             |         |                         |                               | Appliances                |                      |                           | Individual pool |                  |                |                           | Individual spa |               |  |
|------------------|--|-----------------------------|---------|-------------------------|-------------------------------|---------------------------|----------------------|---------------------------|-----------------|------------------|----------------|---------------------------|----------------|---------------|--|
|                  | All<br>shower-<br>heads                | All toilet flushing systems | kitchen | All<br>bathroom<br>taps | HW recirculation or diversion | All<br>clothes<br>washers | All dish-<br>washers | Volume<br>(max<br>volume) | Pool<br>cover   | Pool<br>location | Pool<br>shaded | Volume<br>(max<br>volume) | Spa<br>cover   | Spa<br>shaded |  |
| All<br>dwellings | 3 star (><br>7.5 but<br><= 9<br>L/min) | 4 star                      | 4 star  | 4 star                  | no                            | -2                        |                      | 7.0                       | =               | -                | 2              |                           | 22             | 0             |  |

|                        | Alternative water source         |                                     |  |   |     |                             |                       |                |            |  |  |  |
|------------------------|----------------------------------|-------------------------------------|--|---|-----|-----------------------------|-----------------------|----------------|------------|--|--|--|
| Dwelling no.           | Alternative water supply systems | Size Configuration                  |  | Size Configuration Landscape connection |     | Toilet<br>connection<br>(s) | Laundry<br>connection | Pool<br>top-up | Spa top-up |  |  |  |
| 1                      | individual water tank (no. 1)    | Tank size<br>(min) 2000.0<br>litres | To collect run-off from at least.<br>125.0 square metres of roof area; | yes                                     | yes | yes                         | no                    | no             |            |  |  |  |
| 2                      | individual water tank (no. 1)    | Tank size<br>(min) 2000.0<br>litres | To collect run-off from at least 120.0 square metres of roof area;     | yes                                     | yes | yes                         | no                    | no             |            |  |  |  |
| All other<br>dwellings | individual water tank (no. 1)    | Tank size<br>(min) 2000.0<br>litres | To collect run-off from at least.<br>65.0 square metres of roof area;  | yes                                     | yes | yes                         | no                    | no             |            |  |  |  |

| (ii) Energy  | Show on<br>DA plans | Show on CC/CDC plans & specs | Certifier<br>check |  |
|--|---------------------|------------------------------|--------------------|--|
| (a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.   |                     |                              | 1                  |  |
| (b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is<br>supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that<br>central system to the dwelling, so that the dwelling's hot water is supplied by that central system. | ~                   | ~                            | ~                  |  |
| (c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in<br>the table below. Each such ventilation system must have the operation control specified for it in the table.   |                     | ~                            | ~                  |  |

### Notes:

. Public Works Advisory, a division of the Department of Regional NSW the Department) shall not be liable or responsible for any loss or dama arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modificati or changes that occur in the handling or use of the electronic documer

2. The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their

The Department uses virus scanning software to prevent file and syste virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.





TEACHER HOUSING AUTHORITY Level 3

66 Harrington Street, The Rocks



35E Nandewar Street Narrabri - NSW

> THA Capital Works GENERAL NOTES & BASIX COM.

SCALE AT A3: NTS 04/05/2021 VM VM PROJECT NO: A01 10042001 Α

| ii) Energy   | Show on<br>DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
|--|---------------------|------------------------------|--------------------|
| (d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom<br>areas" headings of the "Cooling" and "Heating" columns in the table below, infor at least 1 living/bedroom area of the dwelling. If<br>no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in<br>any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night<br>zoning between living areas and bedrooms.                                      |                     | ~                            | ~                  |
| (e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of<br>the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial<br>lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is<br>specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for<br>fluorescent lighting or light emitting diode (LED) lighting. |                     | ~                            | ~                  |
| (f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of<br>the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is<br>fitted with a window and/or skylight.  | ~                   | ~                            | ~                  |
| (g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must:   |                     |                              |                    |
| (aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install<br>any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and  |                     | V                            |                    |
| (bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install<br>any system for the spa). If specified, the applicant must install a timer to control the spa's pump.   |                     | V                            |                    |
| (h) The applicant must install in the dwelling:  |                     |                              |                    |
| (aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the<br>table below;   |                     | <b>~</b>                     |                    |
| (bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and  |                     | V                            | v                  |
| (cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.   |                     | ~                            |                    |
| (i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well<br>ventilated".   |                     | ~                            |                    |
| (j) The applicant must install the photovoltaic system specified for the dwelling under the "Photovoltaic system" heading of the<br>"Alternative energy" column of the table below, and connect the system to that dwelling's electrical system.   | V                   | V                            | V                  |

|                  | Hot water        | Bathroom ve                | entilation system    | Kitchen ve                    | ntilation system     | Laundry ventilation system                 |                   |  |
|------------------|------------------|----------------------------|----------------------|-------------------------------|----------------------|--|-------------------|--|
| Dwelling<br>no.  | Hot water system | Each bathroom              | Operation control    | Each kitchen                  | Operation control    | Each laundry                               | Operation control |  |
| All<br>dwellings | electric storage | individual fan, not ducted | manual switch on/off | individual fan, not<br>ducted | manual switch on/off | natural ventilation<br>only, or no laundry | -                 |  |

|                           | Cooling  |  | Heating  |  |                                  |  | Natural lighting   |                              |                    |                    |  |                |
|---------------------------|--|--|--|--|----------------------------------|--|--------------------|------------------------------|--------------------|--------------------|--|----------------|
| Dwelling<br>no.           | living areas   | bedroom<br>areas                                       | living areas   | bedroom<br>areas                                       | No. of<br>bedrooms<br>&/or study | No. of<br>living &/or<br>dining<br>rooms | Each<br>kitchen    | All<br>bathrooms/<br>toilets | Each<br>laundry    | All<br>hallways    | No. of<br>bathrooms<br>&/or<br>toilets | Main<br>kitche |
| 1                         | 1-phase<br>airconditioning<br>EER 3.0 - 3.5<br>(zoned) | 2<br>(dedicated)                 | 2<br>(dedicated)                         | yes<br>(dedicated) | yes<br>(dedicated)           | yes<br>(dedicated) | yes<br>(dedicated) | 2                                      | no             |
| 2                         | 1-phase<br>airconditioning<br>EER 3.0 - 3.5<br>(zoned) | 3<br>(dedicated)                 | 2<br>(dedicated)                         | yes<br>(dedicated) | yes<br>(dedicated)           | yes<br>(dedicated) | yes<br>(dedicated) | 3                                      | no             |
| All<br>other<br>dwellings | 1-phase<br>airconditioning<br>EER 3.0 - 3.5<br>(zoned) | 1<br>(dedicated)                 | 2<br>(dedicated)                         | yes<br>(dedicated) | yes<br>(dedicated)           | yes<br>(dedicated) | yes<br>(dedicated) | 1                                      | no             |

|                  | Individual pool        |       | Individual spa        |       | Appliances & other efficiency measures |              |                                       |            |                   |                  |  |  |
|------------------|------------------------|-------|-----------------------|-------|--|--------------|---------------------------------------|------------|-------------------|------------------|--|--|
| Dwelling<br>no.  | Pool heating<br>system | Timer | Spa heating<br>system | Timer | Kitchen<br>cooktop/oven                | Refrigerator | Well<br>ventilated<br>fridge<br>space | Dishwasher | Clothes<br>washer | Clothes<br>dryer | Indoor or<br>sheltered<br>clothes<br>drying line | Private<br>outdoor or<br>unsheltered<br>clothes<br>drying line |
| All<br>dwellings | -                      | 140   | (Q)                   | 220   | electric<br>cooktop &<br>electric oven | -            | yes                                   | -          | -                 | -                | no   | yes  |

|                     | Alternative energy   |   |
|---------------------|--|---|
| Dwelling no.        | Photovoltaic system (min rated electrical output in peak kW) |   |
| 1                   | 2.0  | 7 |
| All other dwellings | 1.0  |   |

| i) Thermal Comfort   | Show on<br>DA plans | Show on CC/CDC plans & specs | Certifier<br>check |
|--|---------------------|------------------------------|--------------------|
| (a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, the applicant is applying for a complying development certificate for the proposed development, to that application). The application are also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development. |                     |                              |                    |
| b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.   |                     |                              |                    |
| (c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below.   |                     |                              |                    |
| (d) The applicant must show on the plans accompanying the development application for the proposed development, all matters<br>which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from<br>the Accredited Assessor, to certify that this is the case.   | ~                   |                              |                    |
| (e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development<br>certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the propos<br>development which were used to calculate those specifications.   | ed                  | ~                            |                    |
| f) The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor<br>Certificate, and in accordance with those aspects of the development application or application for a complying development<br>certificate which were used to calculate those specifications.   |                     | ~                            | ~                  |
| g) Where there is an in-slab heating or cooling system, the applicant must:  | ~                   | ~                            | ~                  |
| (aa) Install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab; or  |                     |                              |                    |
| (bb) On a suspended floor, install insulation with an R-value of not less than 1.0 underneath the slab and around the vertical<br>edges of the perimeter of the slab.  |                     |                              |                    |
| (h) The applicant must construct the floors and walls of the development in accordance with the specifications listed in the table<br>below.   | ~                   | V                            | ~                  |

| Dwelling no.        | Area adjusted heating load (in mJ/m²/yr) | Area adjusted cooling load (in mJ/m²/yr) |
|---------------------|--|--|
| 1                   | 30.1                                     | 47.9                                     |
| 2                   | 33.2                                     | 38.8                                     |
| All other dwellings | 41.4                                     | 79.1                                     |
|                     |  |  |

|                     | Construction of floors and walls |   |  |                                   |  |
|---------------------|----------------------------------|---|--|-----------------------------------|--|
| Dwelling no.        | Concrete slab on ground(m²)      | Suspended floor with open subfloor (m²) | Suspended floor with endclosed subfloor (m²) | Suspended floor above garage (m²) | Primarily rammed earth or mudbrick walls |
| 1                   | 96                               | -                                       |  | -                                 | No                                       |
| 2                   | 119                              | *                                       | >  | *                                 | No                                       |
| All other dwellings | (F)                              | 17                                      | 8  | 40                                | No                                       |

..\..\Desktop\Narrabri RFT\THA Capital Works 35E Nandewar St, Narrabri\BASIX\007.JPG

# Notes:

Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their numoses.

3. The Department uses virus scanning software to prevent file and system virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.





TEACHER HOUSING AUTHORITY
Level 3

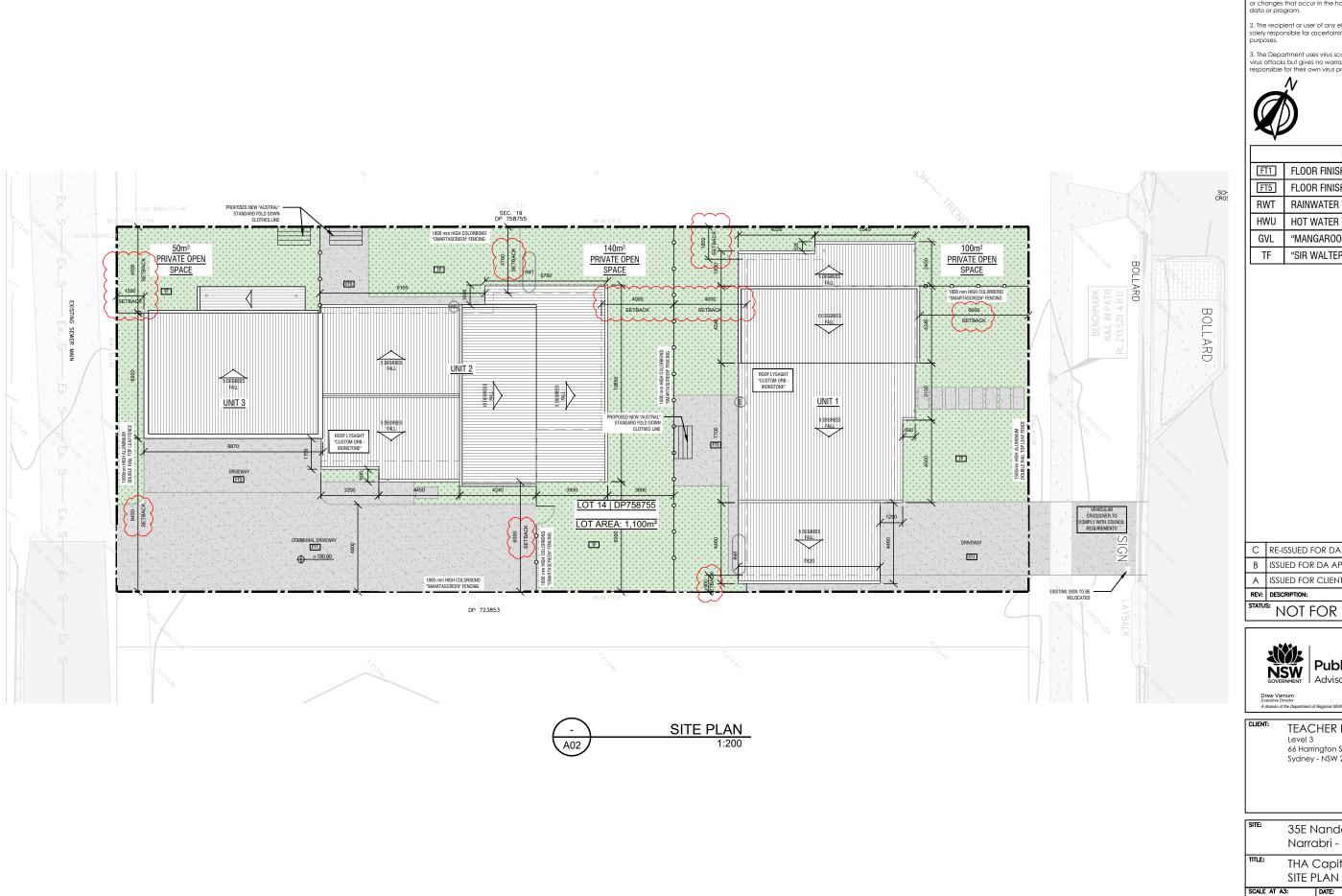
Level 3
66 Harrington Street, The Rocks
Sydney - NSW 2000



35E Nandewar Street Narrabri - NSW

THA Capital Works
BASIX COMMITMENTS

| NTS         | 30/04/2021  | DRAWN:<br>VM | VM        | ١ |
|-------------|-------------|--------------|-----------|---|
| PROJECT NO: | DRAWING NO: |              | REVISION: | l |
| 10042001    | A(          | )1'          | Α         | ١ |



Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

2. The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their purposes.

3. The Department uses virus scanning software to prevent file and system virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.

|     | LEGEND                                |
|-----|---------------------------------------|
| FT1 | FLOOR FINISH - CONCRETE SMOOTH FINISH |
| FT5 | FLOOR FINISH - CONCRETE BROOM FINISH  |
| RWT | RAINWATER TANK - 2000 Litre           |
| HWU | HOT WATER UNIT                        |
| GVL | "MANGAR00" GRAVEL 20mm                |
| TF  | "SIR WALTER" BUFFALO GRASS            |

| STATU             | TATUS: NOT FOR CONSTRUCTION |     |          |  |  |
|-------------------|-----------------------------|-----|----------|--|--|
| REV: DESCRIPTION: |                             | BY: | DATE:    |  |  |
| Α                 | ISSUED FOR CLIENT APPROVAL  | VM  | 29/03/21 |  |  |
| В                 | ISSUED FOR DA APPROVAL      | VM  | 28/04/21 |  |  |
| O                 | RE-ISSUED FOR DA APPROVAL   | VM  | 04/05/21 |  |  |



TEACHER HOUSING AUTHORITY

Level 3 66 Harrington Street, The Rocks Sydney - NSW 2000

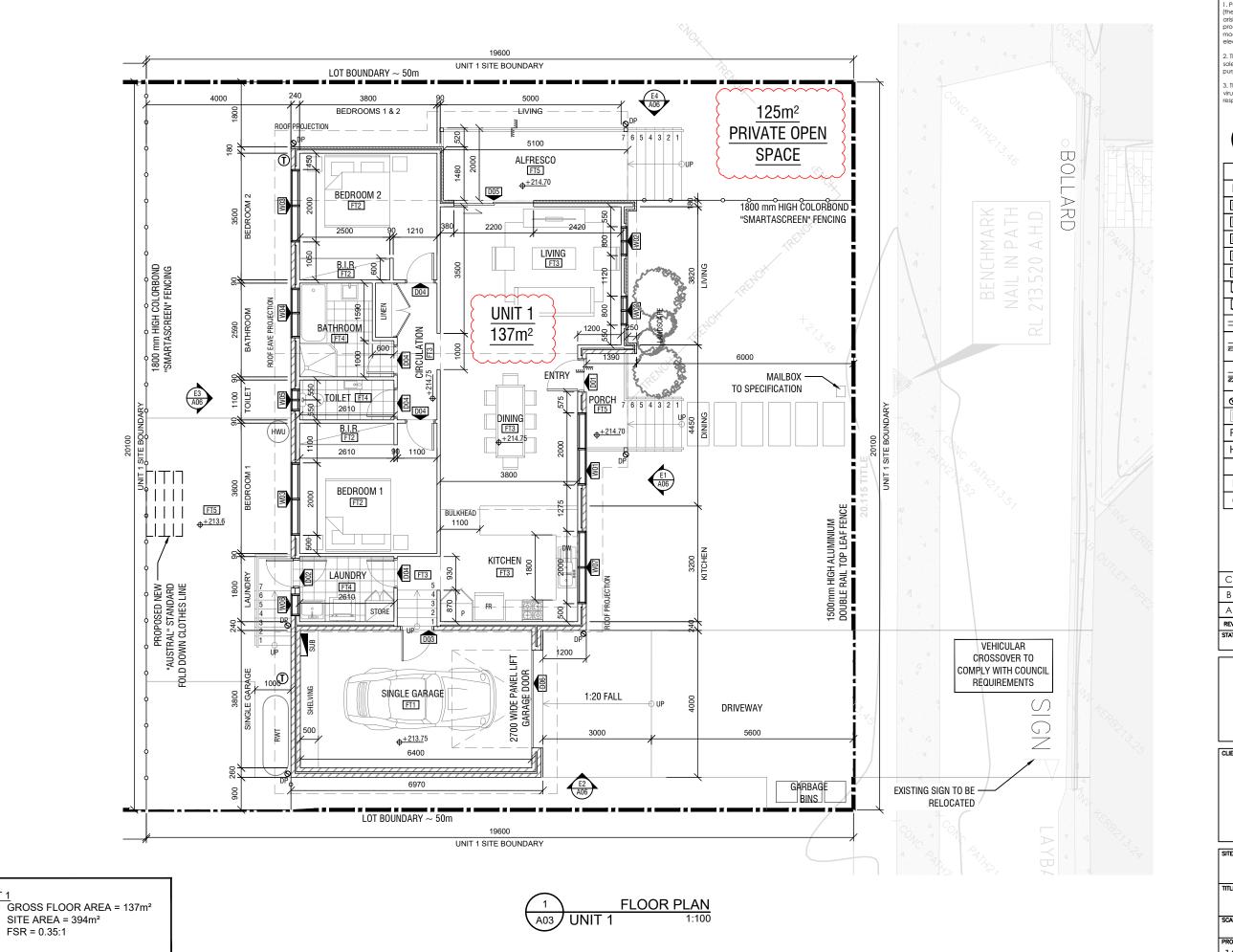


35E Nandewar Street Narrabri - NSW

THA Capital Works

CHECKED: 04/05/2021 VM 1:200 PROJECT NO: REVISION: 10042001 A02 С

Version: 1, Version Date: 07/05/2021



Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

The Department uses virus scanning software to prevent file and syster virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.



|             | LEGEND   |
|-------------|--|
| FFL         | FINISHED FLOOR LEVEL   |
| FT1         | FLOOR FINISH - CONCRETE SMOOTH FINISH                          |
| FT2         | FLOOR FINISH - CARPET  |
| FT3         | FLOOR FINISH - VINYL   |
| FT4         | FLOOR FINISH - TILED   |
| FT5         | FLOOR FINISH - CONCRETE BROOM FINISH                           |
| W13         | WINDOW NUMBER - REFER SCHEDULE                                 |
| D12         | DOOR NUMBER - REFER SCHEDULE                                   |
|             | 90mm STUD WALL   |
| <del></del> | SELECTED CUSTOM METAL CLADDING FIXED HORIZONTALLY TO STUD WALL |
|             | SELECTED BRICK WORK WALL                                       |
| ⊗ DP        | DOWNPIPE   |
| MH          | MANHOLE  |
| RWT         | RAINWATER TANK - 2000 Litre                                    |
| HWU         | HOT WATER UNIT   |
| FR          | SELECTED FRIDGE  |
| DW          | SELECTED DISHWASHER  |
| T           | WATER TAP  |

| STATU | STATUS: NOT FOR CONSTRUCTION |     |          |  |  |
|-------|------------------------------|-----|----------|--|--|
| REV:  | DESCRIPTION:                 | BY: | DATE:    |  |  |
| Α     | ISSUED FOR CLIENT APPROVAL   | VM  | 29/03/21 |  |  |
| В     | ISSUED FOR DA APPROVAL       | VM  | 28/04/21 |  |  |
| C     | RE-ISSUED FOR DA APPROVAL    | VM  | 04/05/21 |  |  |



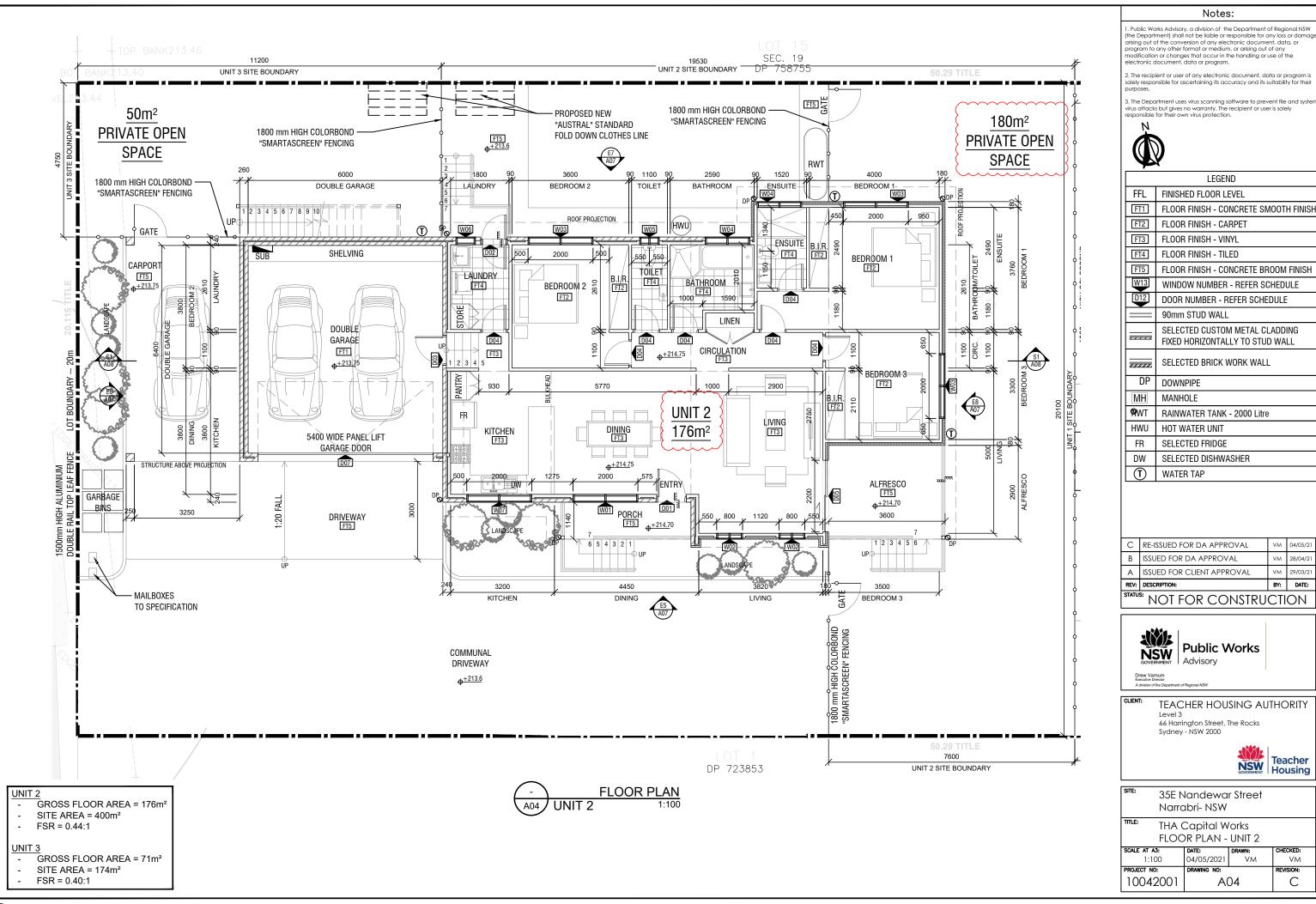
TEACHER HOUSING AUTHORITY Level 3 66 Harrington Street, The Rocks

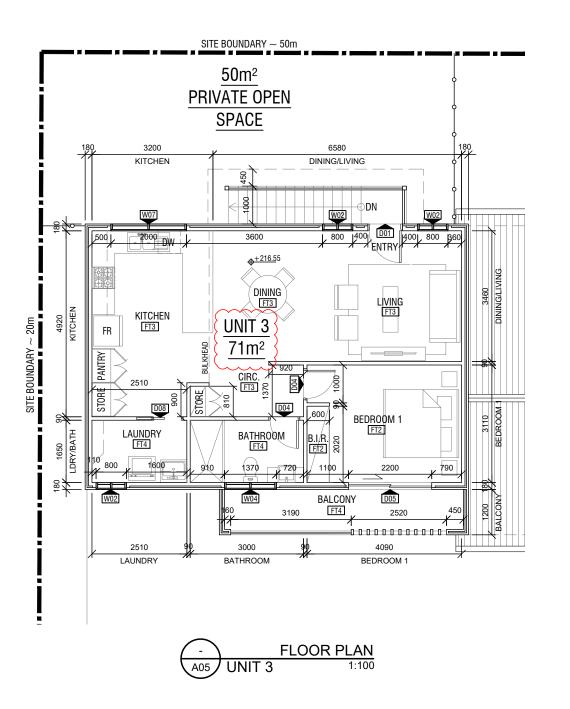


35E Nandewar Street Narrabri- NSW THA Capital Works FLOOR PLAN - UNIT 1

| 1:100       | 04/05/2021  | DRAWN:<br>VM | VM        |
|-------------|-------------|--------------|-----------|
| PROJECT NO: | DRAWING NO: |              | REVISION: |
| 10042001    | A(          | 03           | С         |

FSR = 0.35:1





Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

2. The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their purposes.

The Department uses virus scanning software to prevent file and system virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.



| LEGEND  |  |  |  |
|---|--|--|--|
| FINISHED FLOOR LEVEL  |  |  |  |
| FLOOR FINISH - CONCRETE SMOOTH FINISH                             |  |  |  |
| FLOOR FINISH - CARPET   |  |  |  |
| FLOOR FINISH - VINYL  |  |  |  |
| FLOOR FINISH - TILED  |  |  |  |
| FLOOR FINISH - CONCRETE BROOM FINISH                              |  |  |  |
| WINDOW NUMBER - REFER SCHEDULE                                    |  |  |  |
| DOOR NUMBER - REFER SCHEDULE                                      |  |  |  |
| 90mm STUD WALL  |  |  |  |
| SELECTED CUSTOM METAL CLADDING<br>FIXED HORIZONTALLY TO STUD WALL |  |  |  |
| SELECTED BRICK WORK WALL  |  |  |  |
| DOWNPIPE  |  |  |  |
| MANHOLE   |  |  |  |
| RAINWATER TANK - 2000 Litre                                       |  |  |  |
| HOT WATER UNIT  |  |  |  |
| SELECTED FRIDGE   |  |  |  |
| SELECTED DISHWASHER   |  |  |  |
|   |  |  |  |

| С      | RE-ISSUED FOR DA APPROVAL  | VM  | 04/05/21 |
|--------|----------------------------|-----|----------|
| В      | ISSUED FOR DA APPROVAL     | VM  | 28/04/21 |
| Α      | ISSUED FOR CLIENT APPROVAL | VM  | 29/03/21 |
| REV:   | DESCRIPTION:               | BY: | DATE:    |
| STATUS | s: NOT FOR CONSTRU         | CTI | ON       |



Drew Varnum
Executive Director
A division of the Department of Regional NSI

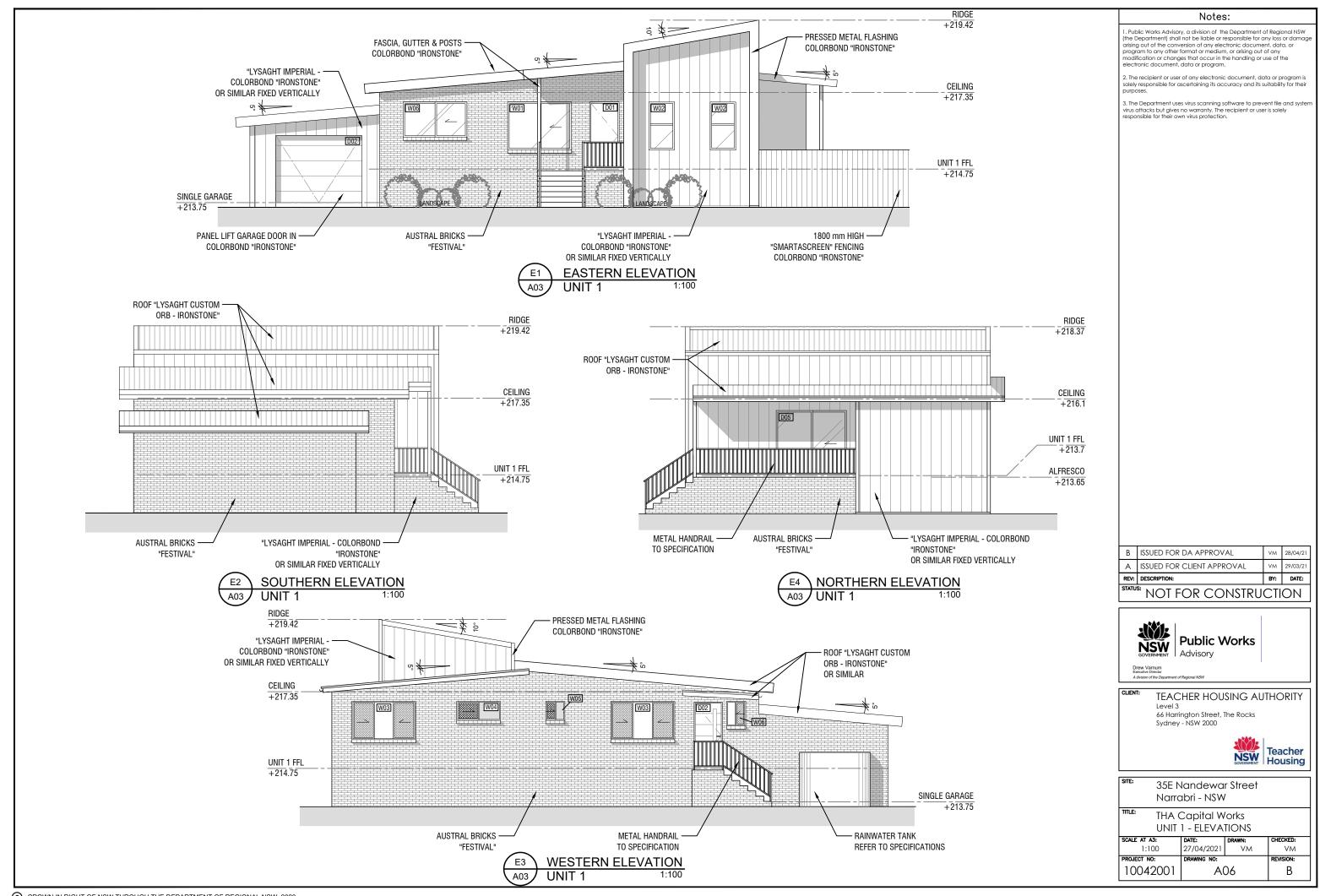
TEACHER HOUSING AUTHORITY
Level 3
66 Harrington Street, The Rocks

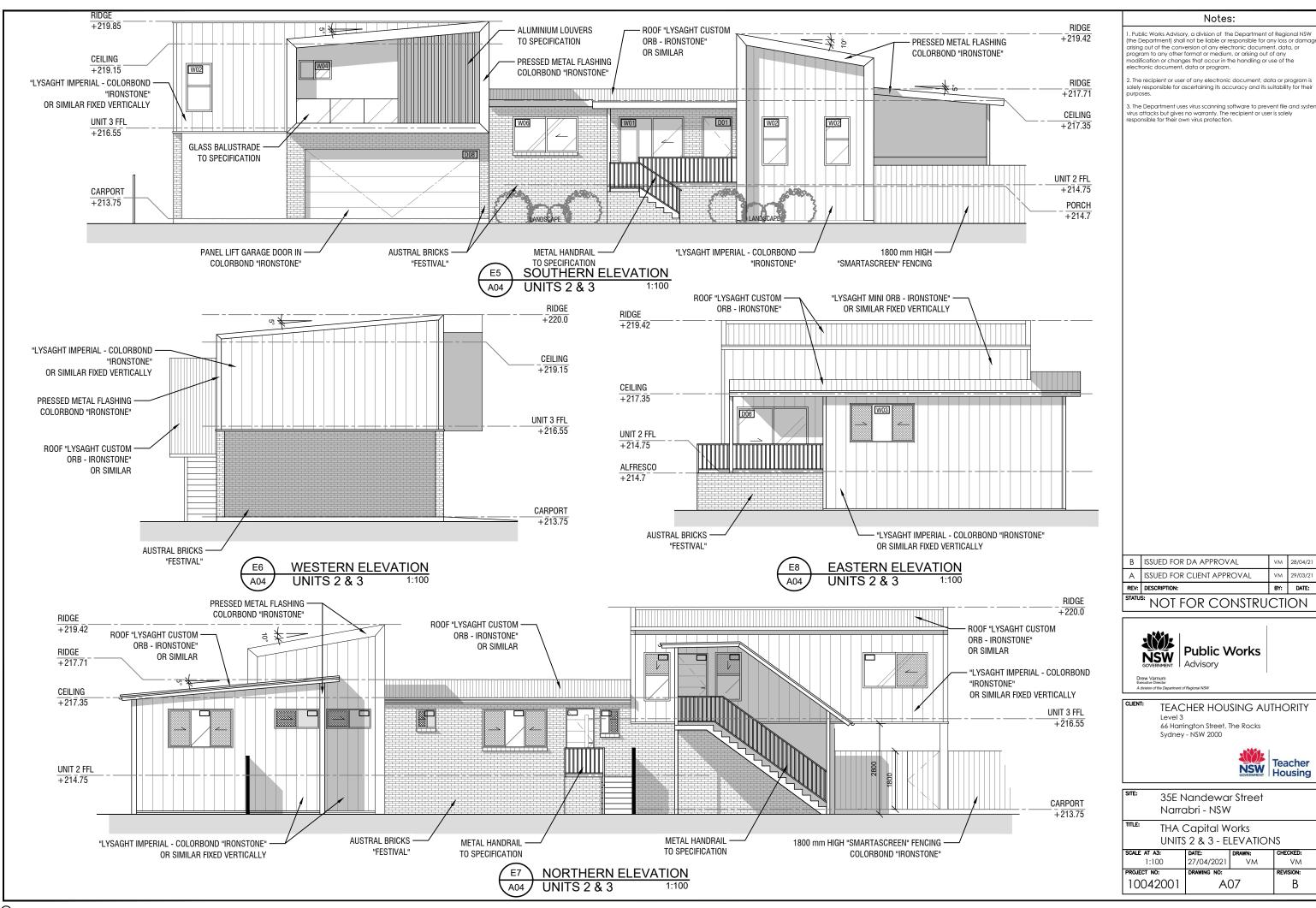
66 Harrington Street, The Rock Sydney - NSW 2000

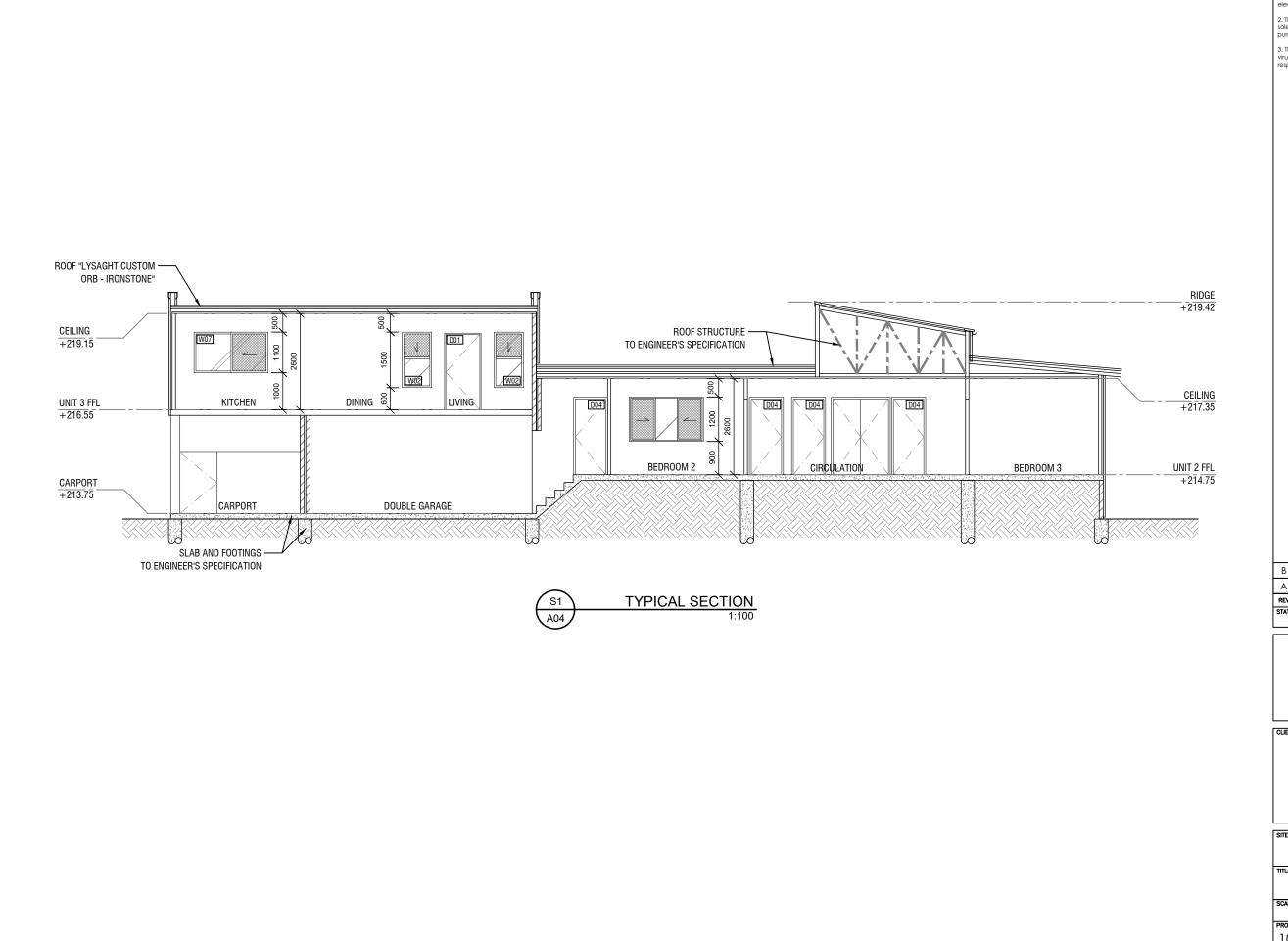


| SCALE AT | A3- DATE: | DDAWN.              | CHECK |
|----------|-----------|---------------------|-------|
|          | FLOOR PL  | .AN - UNIT 3        |       |
| TITLE:   | THA Capi  | tal Works           |       |
|          | Narrabri- | lewar Street<br>NSW |       |
| J 311 L. |           |                     |       |

| 1:100       | 04/05/2021  | DRAWN:<br>VM | VM        |  |
|-------------|-------------|--------------|-----------|--|
| PROJECT NO: | DRAWING NO: |              | REVISION: |  |
| 10042001    | A(          | 05           | С         |  |







Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

2. The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their

3. The Department uses virus scanning software to prevent file and system virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.





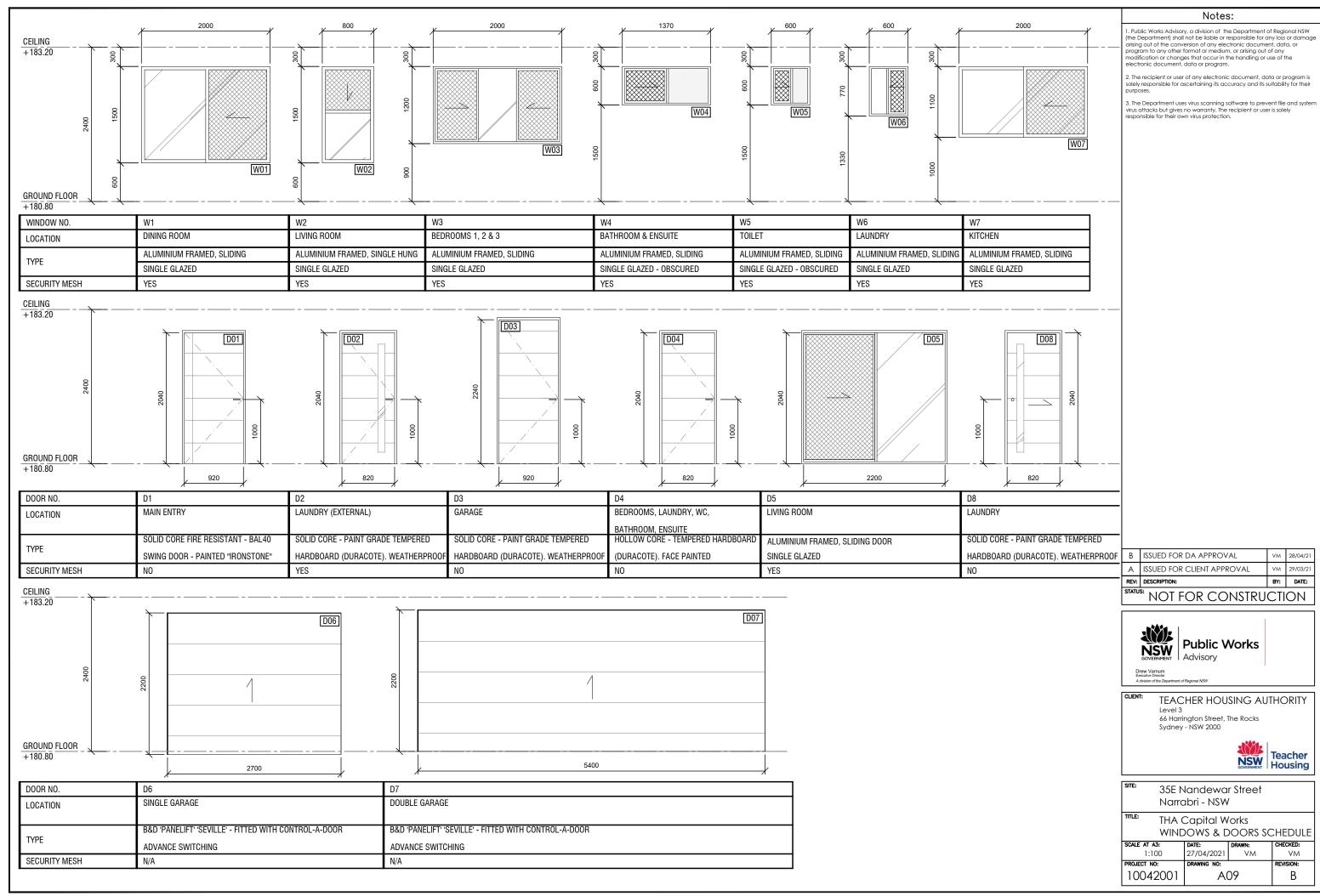
TEACHER HOUSING AUTHORITY

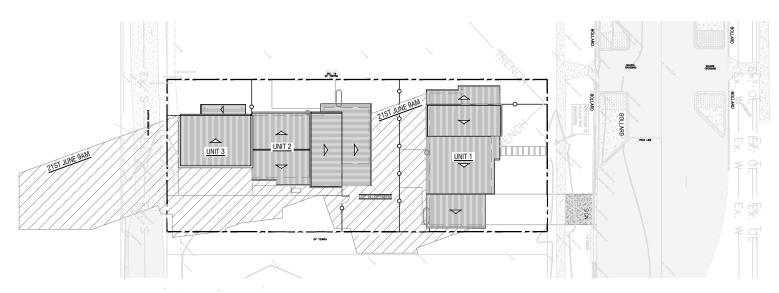
Level 3 66 Harrington Street, The Rocks Sydney - NSW 2000



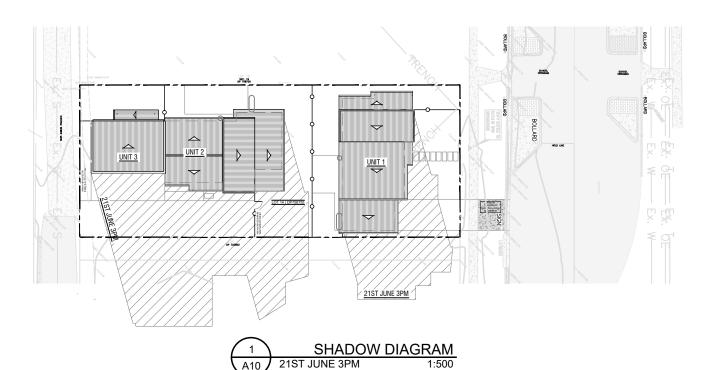
35E Nandewar Street
Narrabri - NSW

THA Capital Works
TYPICAL SECTION









Public Works Advisory, a division of the Department of Regional NSW (the Department) shall not be liable or responsible for any loss or damage arising out of the conversion of any electronic document, data, or program to any other format or medium, or arising out of any modification or changes that occur in the handling or use of the electronic document, data or program.

The recipient or user of any electronic document, data or program is solely responsible for ascertaining its accuracy and its suitability for their purposes.

3. The Department uses virus scanning software to prevent file and system virus attacks but gives no warranty. The recipient or user is solely responsible for their own virus protection.



| Α                            | ISSUED FOR DA APPROVAL | VM  | 30/04/21 |  |
|------------------------------|------------------------|-----|----------|--|
| REV:                         | DESCRIPTION:           | BY: | DATE:    |  |
| STATUS: NOT FOR CONSTRUCTION |                        |     |          |  |



TEACHER HOUSING AUTHORITY Level 3
66 Harrington Street, The Rocks

Sydney - NSW 2000



35E Nandewar Street Narrabri - NSW

THA Capital Works SHADOW DIAGRAM

SCALE AT A3: 30/04/2021 VM VM 1:100 PROJECT NO: 10042001 A10 Α