In the southwest corner of the site, an area designated as existing phase 1 offset planting (DARKHEART VMP 2014) is currently planned. This area is approximately 0.6 hectares. Another area, existing phase 2 offset planting (DARKHEART VMP 2014), is also shown and is approximately 0.45 hectares. These areas are intended to enhance the environmental and aesthetic qualities of the site.
<table>
<thead>
<tr>
<th>Block G - Learning Neighbourhood 3 - Ground Floor</th>
<th>Lake Cathie Public School Upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1240 Ocean Drive</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOILETS (No.)</th>
<th>EXISTING</th>
<th>EFSG</th>
<th>LCP</th>
<th>DIFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>MALE</td>
<td>10</td>
<td>13</td>
<td>26</td>
<td>18</td>
</tr>
<tr>
<td>FEMALE</td>
<td>10</td>
<td>14</td>
<td>26</td>
<td>19</td>
</tr>
<tr>
<td>ACCESS</td>
<td>3</td>
<td>1*</td>
<td>7</td>
<td>1*</td>
</tr>
</tbody>
</table>

| TOTAL STUDENT TOILETS | 34 |

Note: Only lists toilets dedicated under student services.
Lake Cathie Public School Upgrade
1240 Ocean Drive

**SSD Application**

**References:**
- BIM Server: BIMSERVER
- Date: 9/02/2019
- Time: 12:11 AM
- Nominated Architect: Justin Hamilton (6160) ABN 32 131 584 846

**Dimensions:**
- Note: Only lists toilets dedicated under student services

**HALL (m²):**

<table>
<thead>
<tr>
<th>Description</th>
<th>CORE 14 EFSG</th>
<th>CORE 14 LCPS</th>
<th>CORE 21 EFSG</th>
<th>CORE 21 LCPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communal Space</td>
<td>190</td>
<td>840</td>
<td>250</td>
<td>798</td>
</tr>
<tr>
<td>COLA</td>
<td>295</td>
<td></td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>Chair Store</td>
<td>11</td>
<td></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>PE Store</td>
<td>16</td>
<td></td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Sports Store</td>
<td>17</td>
<td></td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Performance Store</td>
<td>11</td>
<td></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Sound Board</td>
<td>2</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>OSHC Office</td>
<td>13</td>
<td></td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>OSHC Store</td>
<td>17</td>
<td></td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>OSHC Kitchenette</td>
<td>17</td>
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<td>17</td>
<td></td>
</tr>
<tr>
<td>Subtotal</td>
<td>281</td>
<td>952</td>
<td>371</td>
<td>952</td>
</tr>
<tr>
<td>Deviation from ESFG</td>
<td>+239%</td>
<td></td>
<td>+157%</td>
<td></td>
</tr>
<tr>
<td>Amenities (No.)</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Garden Store</td>
<td>13</td>
<td>12</td>
<td>13</td>
<td>12</td>
</tr>
</tbody>
</table>

**Toilets (No.):**

<table>
<thead>
<tr>
<th>Description</th>
<th>CORE 14 EFSG</th>
<th>CORE 14 LCPS</th>
<th>CORE 21 EFSG</th>
<th>CORE 21 LCPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>10</td>
<td>13</td>
<td>26</td>
<td>18</td>
</tr>
<tr>
<td>Female</td>
<td>10</td>
<td>14</td>
<td>26</td>
<td>19</td>
</tr>
<tr>
<td>Access</td>
<td>3</td>
<td>1*</td>
<td>7</td>
<td>1*</td>
</tr>
<tr>
<td>Total Student Toilets</td>
<td>34</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
- Dimensions are in millimetres unless otherwise shown.
- Work to given dimensions.
- Do not scale from drawing.
- Check all dimensions on site prior to construction and fabrication.
- Bring any discrepancies to the attention of the proprietor & architect.

**Legend:**
- BROOM FINISH CONCRETE WITH COLOURED OXIDE CONCRETE
- CRICKET NETS EXISTING CONCRETE NEW CONCRETE
- COLA COVERED WALKWAY ACCESS RAMP
- LARGE FOLD-UP DOORS
- LINE OF ROOF OVER NEW SEATING NEW STAGE WITH RETRACTABLE STEPS
- LINE OF ROOF OVER COLLECTOR ROAD ENTRY
- COMMUNAL SPACE
- CHAIR STORE
- PE STORE
- SPORTS STORE
- PERFORMANCE STORE
- SOUND BOARD
- OSHC OFFICE
- OSHC STORE
- OSHC KITCHENETTE
- GARDEN STORE
- CHAIR STORE
- SPORTS STORE
- PERFORMANCE STORE
- SOUND BOARD
- OSHC OFFICE
- OSHC KITCHENETTE
- TOILETS (No.)
- DEVIATION FROM ESFG
- NOTE:
- ONLY LISTS TOILETS DEDICATED UNDER STUDENT SERVICES

**Figure:**
- Lake Cathie Public School Upgrade 1240 Ocean Drive
- RevG 08.02.19
- SHAC

**Approval:**
- Approved Application No: SSD 949
- Signed
- Granted on: 30 January 2020

**Sheet No:**
- 9 of 23

**Block H - Proposed Sports Hall**

**Dimensions:**
- 1200 x 841
Dimensions are in millimetres unless otherwise shown.

Work to given dimensions. Do not scale from drawing.

Check all dimensions on site prior to construction and fabrication.

Bring any discrepancies to the attention of the proprietor & architect.

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD 9491 Signed:

Signed Application.

Granted on the: 30 January 2020 Sheet No: 10 of 23

North Elevation

East Elevation

South Elevation

West Elevation

Lake Cathie Public School Upgrade

SHAC

Nominated Architect: Lynda Hamilton (SHAC) | ABN 12 131 584 846

Elevations Block E - Learning Neighbourhood 01 - Sheet 1

Lake Cathie Public School Upgrade

1240 Ocean Drive
This document contains detailed elevations for block F of the Learning Neighbourhood, with specific dimensions and cladding details provided. The elevations include West, South, East, and North perspectives, each illustrating the proposed cladding and construction features.

### West Elevation
- **Light coloured corrugated colorbond** to match existing
- **Aluminium battens** over semi-transparent cladding

### South Elevation
- **Light coloured colorbond fascia**
- **Highlighted steel downpipes**
- **Sun shades**

### East Elevation
- **Light coloured colorbond fascia**
- **Highlighted steel downpipes**
- **Aluminium battens** over semi-transparent cladding

### North Elevation
- **Light coloured corrugated colorbond** to match existing
- **Aluminium battens** over semi-transparent cladding

**Details:**
- Dimensions are in millimetres unless otherwise shown.
- Work to given dimensions.
- Do not scale from drawing.

**Notes:**
- Drawing and design © SHAC Pty Ltd 2018.
- The signed control copy of this drawing is held by SHAC Pty Ltd.
- Ref: BIM Server
- BIM Server 21/3928
- Date: 9/02/2019
- Time: 12:11 AM
- Nominated Architect: Justin Hamilton (6160)
- ABN 32 131 584 846

**SSD Application**
- Issued under the Environmental Planning and Assessment Act 1979
- Approved Application No: SSD 9491
- Signed: 
- Granted on: 30 January 2020
- Sheet No: 11 of 23

**Lake Cathie Public School Upgrade**
- 1240 Ocean Drive

---

**Lake Cathie Master Plan**
- 3928 DD3002
- RevE 08.02.19

---

**Planning, Industry & Environment**
- © 2018 SHAC Pty Ltd.
South Elevation - Sports Hall

West Elevation - Sports Hall
Sections Block G + Hall
Lake Cathie Public School Upgrade
1240 Ocean Drive

3928
DD3102
RevC 08.02.19

Sports Hall Section

Street scape Section

SSD Application

Issued under the Environmental Planning and Assessment Act 1979
Approved Application No: SSD 9491
Signed: [Signature]
Granted on: 30 January 2020
Sheet No: 14 of 23

Planning, Industry & Environment

Light coloured colorbond roof sheet

PROPOSED COLLECTOR ROAD

Wet Kitchen

COLA

COLA

LEARNING COMMON

LEARNING COMMON

PROPOSED COLLECTOR ROAD

Sun shade

RL 18.54
ROOF

RL 12.40
FFL

RL 8.80
FFL

RL 15.04
ROOF

RL 10.60
ROAD

RL 10.60
ROAD

RL 16.31

Ground Floor

Roof High Point

RL 16.31

3,610
5,610
4,400
4,400

3,610
5,610
4,400
4,400

8,410
2,800
5,610
-0.11

8,410
2,800
5,610
-0.11

8,410
2,800
5,610
-0.11

8,410
2,800
5,610
-0.11

20.4° 6.0° 6.0°
Hardworks setout plan: part 1

LEGEND

- PAVEMENT TYPE 1: COLORED CONCRETE
- PAVEMENT TYPE 2: SHOTBLASTED CONCRETE
- PAVEMENT TYPE 3: SHOTBLASTED CONCRETE DARKER TONE
- PAVEMENT TYPE 4: OUTDOOR CLASS PAVING: SANDSTONE
- NEW TURF
- REFER SPECIFICATION

SEATING 1: LINEAR SANDSTONE BLOCK
SEATING 2: CONCRETE SEATING TIMBER TOP
SEATING 3: SANDSTONE BLOCK IN CIRCLE
SEATING 4: SANDSTONE BLOCK STEP
MASS PLANTING
VEGETABLE GARDEN PLANTER
GARDEN MULCH
PLAYGROUND MULCH
PLAYGROUND SAND: REFER SPECIFICATION
PEBBLES AS SWALE: FLOWING WATER TIMBER EDGE

LEGEND

- PAVEMENT TYPE 1: COLORED CONCRETE
- PAVEMENT TYPE 2: SHOTBLASTED CONCRETE
- PAVEMENT TYPE 3: SHOTBLASTED CONCRETE DARKER TONE
- PAVEMENT TYPE 4: OUTDOOR CLASS PAVING: SANDSTONE
- NEW TURF
- REFER SPECIFICATION

SEATING 1: LINEAR SANDSTONE BLOCK
SEATING 2: CONCRETE SEATING TIMBER TOP
SEATING 3: SANDSTONE BLOCK IN CIRCLE
MASS PLANTING
VEGETABLE GARDEN PLANTER
GARDEN MULCH
PLAYGROUND MULCH
PLAYGROUND SAND: REFER SPECIFICATION
PEBBLES AS SWALE: FLOWING WATER TIMBER EDGE

PLAY ELEMENT LEGEND

- WB: PLAY ELEMENT: WORK BENCH
- PT: PLAY ELEMENT: PLATFORM
- MK: PLAY ELEMENT: MUD KITCHEN
- PF: PLAY ELEMENT: PLAY FRAME

Play element legend:

- WORK BENCH
- PLATFORM
- MUD KITCHEN
- PLAY FRAME

The diagram includes various play elements and features, such as work benches, platforms, mud kitchens, and playgrounds, along with different types of pavement and seating arrangements. The legend provides details on the materials and specifications used in the design.
Scale 1:100

05 HARDSCAPE PLAN SET OUT
part 2
Score 1:100

LEGEND

- PAVEMENT TYPE 1:
  - COLOURED CONCRETE

- PAVEMENT TYPE 2:
  - SHOTBLASTED CONCRETE

- PAVEMENT TYPE 3:
  - SHOTBLASTED CONCRETE DARKER TONE

- PAVEMENT TYPE 4:
  - OUTDOOR CLASS PAVING: SANDSTONE

- NEW TURF

- SYNTHETIC TURF
  - REFER SPECIFICATION

- SEATING 1:
  - LINEAR SANDSTONE BLOCK

- SEATING 2:
  - CONCRETE SEATING TIMBER TOP

- SEATING 3:
  - SANDSTONE BLOCK IN CIRCLE

- SANDSTONE BLOCK STEP

- MASS PLANTING
  - VEGETABLE GARDEN PLANTER
  - GARDEN MULCH

- PLAYGROUND MULCH

- PLAYGROUND SAND:
  - REFER SPECIFICATION

- PEBBLES AS SWALE:
  - FLOWING WATER

- TIMBER EDGE

PLAY ELEMENT LEGEND

- WB
  - PLAY ELEMENT: WORK BENCH

- PT
  - PLAY ELEMENT: PLATFORM

- MK
  - PLAY ELEMENT: MUD KITCHEN

- PF
  - PLAY ELEMENT: PLAY FRAME

- SF
  - PLAY ELEMENT: SHOP FRONT

- ST
  - PLAY ELEMENT: SEATING

PLAY ELEMENT:

- SF
  - SHOP FRONT

- ST
  - SEATING
1. Dimensions are in millimetres unless otherwise shown.
2. Work to given dimensions. Do not scale from drawing.
3. Check all dimensions on site prior to construction and fabrication.
4. Bring any discrepancies to the attention of the proprietor & architect.

NOTES STATUS

STRUCTURAL + CIVIL
MPC Consulting Engineers
T   02 4927 5566

ELECTRICAL
Electrical Projects Australia
T   02 4967 5999

HYDRAULIC
McCallum PFCA
T   02 4946 2633

QUANTITY SURVEYOR
Altus Group
T   02 9283 7311

PCA CONSULTANT
NewCert
T   02 4966 1127

ARCHITECTURAL
SHAC Architects
T   02 4961 5888

PROJECT MANAGER
Crown Project Services Pty. Ltd
T   02 9252 4420

MECHANICAL
EV Consulting Engineers
T   02 4929 2461

Schematic Design
Not for Construction

DISCIPLINE

Landscape

AMENDMENTS

ARCHITECTURAL
SHAC Architects
T   02 4961 5888

PROJECT MANAGER
Crown Project Services Pty. Ltd
T   02 9252 4420

412 KING STREET  NEWCASTLE  NSW  AUSTRALIA  2300
TERRAS.COM.AU PH: 49 294 926  FAX: 49 263 069

200 MM WIDE GRAVEL EDGE TO REDUCE POTENTIAL WEED GROWTH

GRASS SWALE @ 460 sq m
REFER PLANTING LIST