



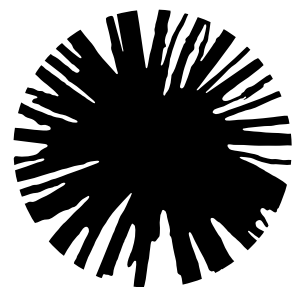
The School on the Hill...

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## **BRUNSWICK NORTH WEST PRIMARY SCHOOL & OUR INFRASTRUCTURE NEEDS**

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*Infrastructure Needs Statement from  
the BNW parent and carer school  
community, June 2018.*



**BRUNSWICK  
NORTH WEST**  
PRIMARY SCHOOL

This document outlines the Brunswick North West Primary School community's vision to enhance the learning environment for students both current and future plus the broader community. This document is prepared by the Strategic Infrastructure Committee consisting of parent members and endorsed by School Council.

Version 2.0

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# 1.0 EXECUTIVE SUMMARY

## *Brunswick North West Primary School needs help.*

Since 1929 Brunswick North West (BNW) has held a special place in the Brunswick community for all those who teach, learn and volunteer here. A recent population surge has left us with urgent infrastructure needs to cater for our students – now and in the longer term. Our 90 year old main building is degraded and is failing to meet minimum functional requirements. With population pressure the lack of infrastructure is now impeding the children’s basic health and safety, amenity and learning.

*‘There’s a school on the hill, shining out like a star’...* Our school song is joyfully sung every Friday at our whole of school assembly – the children and community are proud of Brunswick North West Primary. The teachers, staff, School Council and school community are committed to ensuring that BNW continues to shine on the hill.

BNW community volunteers consistently patch infrastructure and facility issues. Fundraising efforts expand each year in an attempt to keep the school safe and comfortable for teaching and learning. However we are constrained in what we can manage ourselves; our infrastructure is failing and the students’ learning, safety and wellbeing is being impacted.

As a School Council, we are concerned that our duty of care to teachers, staff and students is being compromised – the school needs infrastructure funding to continue to provide an environment for children to thrive.

## *It’s time to make our school shine again.*

We have identified three pillars of our infrastructure needs:

<b>PILLAR ONE: Student Wellbeing: Health &amp; Safety</b>	<b>PILLAR TWO: Upgrade and Modernise – Update the Existing</b>	<b>PILLAR THREE: Deliver the New: Essential Facilities and Future Communities</b>
<ul style="list-style-type: none"> <li>&gt; Toilets – insufficient in quantity, in degraded condition and the wrong location</li> <li>&gt; Critical school building systems are failing</li> <li>&gt; The school is not compliant to current regulatory codes</li> <li>&gt; Main building classrooms lack basic amenities such as cooling, ventilation and adequate heating</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Our 90-year-old main building needs extensive repair and modernisation to support best practice teaching</li> <li>&gt; Structural masonry wall and foundation issues have developed in the main building</li> <li>&gt; The sports field is in a poor state of repair and often inaccessible</li> </ul>	<ul style="list-style-type: none"> <li>&gt; A multi-purpose assembly hall to accommodate the whole school is a core need</li> <li>&gt; A vision for a Science, Technology, Environment, Language and Arts (STELA) facility accessible by other local schools</li> <li>&gt; A Primary and Early Years Library to bolster student literacy and build community with neighbouring pre-school programs</li> </ul>

School Council established the Strategic Infrastructure Committee to examine the challenges and opportunities in relation to our facilities. The sub-committee has extended the efforts of School Leadership and School Council to develop this Infrastructure Needs Statement. This document was developed with reference to the Whole of School Strategic Plan 2017 – 2020, School Master Plan, local demographic and population indicators, our Internal Condition Assessment Report, Annual Implementation Plan ,School Strategic Plan and Community Survey Results.

School Council is actively seeking the financial support of the Department of Education and Training (DET) and the Victorian School Building Authority (VSBA) to realise the infrastructure needs and opportunities as presented in this document. We trust the detailed analysis and informed solutions herein promotes the DET and VSBA to deliver on our funding requirements with the goal of improving learning outcomes and student health and wellbeing.

## 2.0 THE SCHOOL ON THE HILL...

### *Who is Brunswick North West Primary?*

The happiness and development of our children is at the core consideration of our school values at BNW. These wonderful young people are the reason and purpose behind everything that fills the daily life of our school. The primary school experience for every child should be rich with fun, interest, curiosity and engagement.

BNW seeks to maximise the learning opportunities for every child in literacy, numeracy, creative arts, sustainability, STEM, cultural learning and health & physical education. We work to develop the understandings, attitudes and critical thinking skills that are foundational to future learning, and rich experiences to equip our students for a rapidly changing future.

We are fortunate to have a clear school vision which informs and guides us in everything we do.

### **SCHOOL VISION**

A **CARING AND WELCOMING SCHOOL** where children, parents, staff and the broader community **work together** to create a positive learning environment in which **confident and happy children** develop a love of learning and **SENSE OF THEIR VALUE** as individuals and members of our community.

At BNW we emphasise the importance of a close connection between home and school. The sense of community and belonging fostered at our school is of the utmost importance to us and is evident in our values, practices and environment.

### **OUR SCHOOL'S VALUES:**

*Connectedness • Resilience • Achievement • Respect  
Creativity • Integrity • Responsibility • Equity*

## 3.0 BNW IS GROWING...

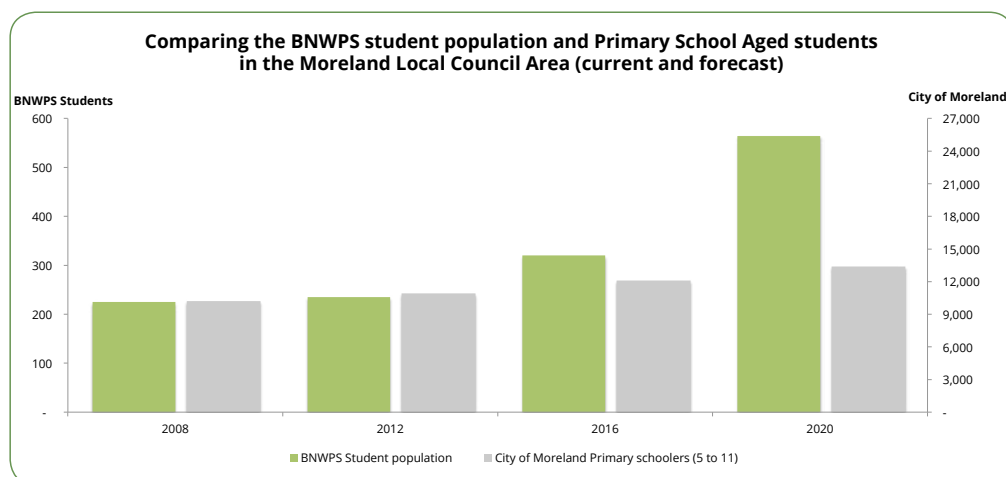
### Infrastructure Under Pressure

BNW had 415 students at the start of 2018. We have almost doubled from a student population of 225 in 2008. This growth has been accommodated in the existing building, through the provision of a number of modular classrooms and by converting specialist teaching spaces into classrooms. With the exception of art there are no dedicated teaching spaces for specialist subjects such as music and language. The library is housed within a single classroom space.

Despite recent changes to DET policy, we nonetheless have clear and present infrastructure challenges to support the education of enrolled families. We are seeking to reconcile our recent growth with the new DET enrolment policy positively, and continue to deliver outstanding education in the highly formative years of life.

BNW's growth is part of the broader story of our region. The City of Moreland is undergoing significant population growth. The City of Moreland's primary school aged population (children 5 to 11 years) is high and increasing at a rate of 2.3% Cumulative Annual Growth Rate (CAGR). Student enrolment at the foundation level has grown steadily since 2012 at a rate of approximately 7.7% CAGR (based on a regression analysis from 2008 to 2020 and illustrated in the table below), bringing BNW to its current enrolment of 415 students. Medium density housing developments, including the redevelopment of Gronn Place, within the immediate vicinity of BNW will result in increased enrolments.

The recent spike in foundation enrolments places pressure on our infrastructure now and will continue to do so until these children move to secondary school. With continued growth in primary aged children in the local area, the restriction of enrolments to match the number of student departures will not alleviate the pressure on infrastructure as student numbers are predicted to remain steady rather than decline. The transitional issues which arise from enrolment policy changes cannot be forgotten.



#### Reference Notes for Chart:

Moreland population data and forecasts sourced from .id the population experts: <http://home.id.com.au>

BNW population data:

\* Census numbers used for 2016 and 2017.

\* Start of year numbers used for 2018.

End of year figures used for the years 2005 – 2015.

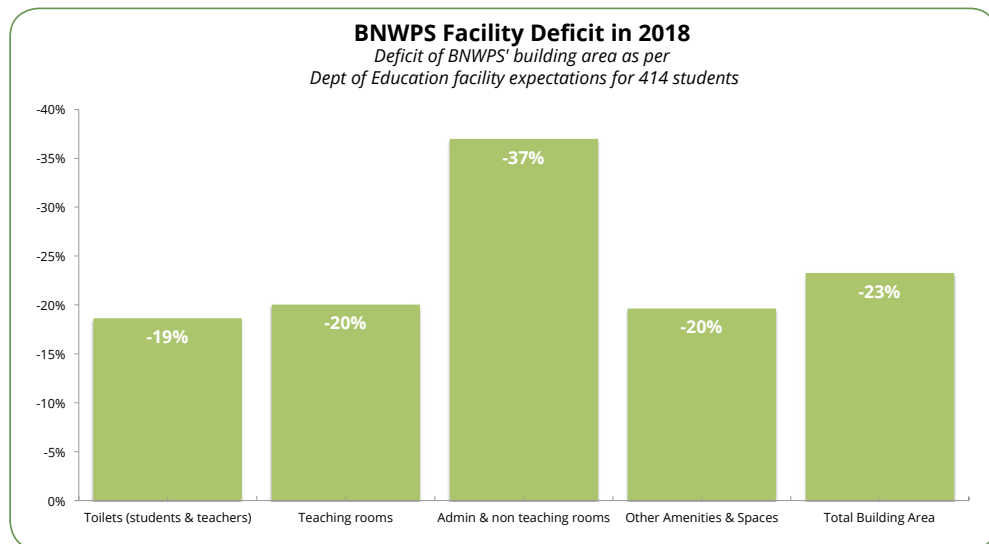
BNW population forecasts:

\*\* Total students forecast is calculated by the total of students in the prior year plus the addition of new foundation students, minus the cohort of students leaving in grade 6

## 4.0 BNW INFRASTRUCTURE NEEDS AND SOLUTIONS

*BNW has a facility deficit according to the DET's published facility expectations.*

The following chart indicates the BNW 2018 Facilities Deficit, defining the gap between current spaces and DET's Facilities Allowance space standards for 415 students.



The Buildings and Grounds Sub-Committee's work, the BNW Masterplan and Facilities Maintenance Plan all draw on the school community's thinking to understand infrastructure issues. A recent community survey drew 1,000 comments on facility issues. From these school community resources we have identified three key pillars of an infrastructure needs strategy:

4.1 PILLAR ONE: Student Wellbeing- Health & Safety

4.2 PILLAR TWO: Upgrade and Modernise – Update the Existing

4.3 PILLAR THREE: Deliver the New – Essential Facilities and Future Communities

### 4.1 PILLAR ONE: STUDENT WELLBEING – HEALTH & SAFETY

The community is extremely concerned by facility impacts on student wellbeing. The existing school toilets are appalling. (Refer Appendix A -WC Facility Condition – Urgent Concern.) The condition and effects of the toilets are described as follows:

- > Stinking, unhygienic and degraded with peeling internal linings
- > Surfaces are mould ridden through water damage, poor construction and non-existent cross ventilation
- > WC's and hand basins are undersupplied according to regulatory standards. There is only 1 ambulant toilet for whole of staff and students combined
- > Many students report withholding from toileting
- > A lack of floor drains results in sewer overflowing play areas leading to a major health risk for the transmission of bacterial and viral illnesses
- > Students with additional needs really struggle with the facilities

A recent community survey on the condition of the toilets expresses the extent of distress associated with these facilities. We need funding to demolish the existing external toilet facility and relocate the amenities to raise the facility standard to a functional level.

BNW seeks to accommodate the main toilet cluster inside the main building in order to reduce supervision concerns of children outside alone during class, and provide safe hygienic modern facilities. Additional staff WCs are required, and supplemented by accessible facilities.

Further actions to alleviate student wellbeing facility concerns include the following:

- > Removing extensive areas of peeling lead paint
- > Replacing rotted inoperable 2nd storey window frames. Classrooms are stifling year round with no room air changes or cross ventilation. Main building classrooms on upper level are not habitable in warmer seasons due to temperature concerns.
- > Extensive plumbing system repair to rectify water damage begetting mould and rising damp that may cause respiratory health issues
- > Provide adequate sick bay facilities – currently significantly undersized promoting cross-infection with 1 bed for the whole of school
- > Sports field renovation to allow all year access and reduce mud traffic.
- > Replacing essential services including electrical, lighting, heating, emergency warning and communications to deliver a safe and functional environment.

Refer to range of Opinion of Probable Cost provided in PILLAR TWO below that incorporates the scope of works described above.

## 4.2 **PILLAR TWO: UPGRADE AND MODERNISE – UPDATE THE EXISTING**

The school battles many daily existing facility issues. The main building at the heart of the school turns 90 in 2019 and houses 80% of the school's classrooms. The building last received funded maintenance works 20 years ago, a period encompassing 3 entire generations of students. The main building issues are summarised into upgrading and modernising categories below.

Priority issues for upgrading the main building include:

- > Repair of structural cracking in 11m high masonry walls
- > Rectification of structural foundation subsidence
- > Replacement of 90 year timber window frames, of which many are inoperable and rotted.
- > Replacement of rotting eaves
- > Additional support for main roof structure in accordance with current framing standards.

Priority issues for modernising the main building include:

- > Creating new generation learning spaces inside the historic building
- > Provision of breakout spaces that assist teachers and learning support officers to manage students' varying needs and abilities
- > Adding meeting rooms to enable private discussions
- > Adding music and language rooms to support existing programs
- > Functional administration and teacher resource spaces for basic school operation including urgent storage needs
- > Provision of staff work space to enable planning and collaboration
- > Urgent funding to rectify non-compliance of statutory requirements

Additional to the main building requirements our school grounds, in particular the sports field, is in desperate need of upgrade. The sports field is bogged in wet weather bearing the majority of stormwater flows from the entire site. Water inundation also results in an uneven surface unsuitable for games and triggering accidents. Health & Physical Education classes are often run inefficiently inside classrooms due to a lack of suitable facility options.



The scope of works detailed above is beyond the capacity of community volunteering to undertake and well beyond operational funding allocations. Many issues present an immediate risk to student health. Refer 'BNW Internal Condition Assessment Report 2018' for further details, available on request from the school.

*An Opinion of Probable Cost range to address PILLAR ONE and PILLAR TWO facility issues is \$4.2 to \$4.8m.*

The following images illustrate a small sample of the current challenges with the existing facilities.



- 1. Inundated sports field retains stagnant water limiting PE and play activities.
- 2. Mould on plaster and peeling lead paint on classroom walls.
- 3. Poor drainage near drinking fountains.
- 4. Windows and spaces in disrepair.
- 5. West facade of main building evidences failing brick work and urgent safety issue of rotting 90-year-old window frames.

## 4.3 PILLAR THREE: DELIVER THE NEW – ESSENTIAL FACILITIES AND FUTURE COMMUNITIES

Our Whole of School Strategic Plan 2017 – 2020 identified that the current infrastructure limits the delivery of high-quality education. The masterplan in Appendix B indicates facilities that support the school's sustained growth trajectories. Three new facilities are described below:

**New Facility 1: Multi-purpose Assembly Hall**

**New Facility 2: STELA**

**New Facility 3: BNW Primary and Early Years Library**

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### NEW FACILITY 1: MULTI-PURPOSE ASSEMBLY HALL

Our MPR is too small. Built with BER Commonwealth funding the school has almost doubled in size over the building's life. The existing building area is 50% of the allocated Facility Schedule for current enrolments.

The existing MPR is over subscribed and struggles to accommodate the following functions:

- > Whole of school assembly
- > Art and music
- > OSHC program independently administered by the school
- > Wider community programs including yoga classes, place of worship, community cooking, private music and language lessons incorporating other local schools
- > Kitchen gardening program
- > PE during wet weather (conflicts with music)
- > Student lunchtime clubs

Currently our whole of school assembly spills outside. In 2017 the school funded, planned and delivered a 250m<sup>2</sup> canopy at a cost of \$145k to extend the available space however this space is no longer sufficient.

Our enrolment growth trajectory is consistent and sustainable and we critically need a facility to accommodate the whole school. The DET Facility Allowance states a new hall facility entitlement is triggered at 351 student enrolment. The masterplan indicates a new assembly hall facility that will benefit both our school and external community groups through outside school hours access. School infrastructure is community infrastructure.

*An Opinion of Probable Cost range to deliver the Multi-Purpose Assembly Hall is \$3.1 to \$3.5m.*



*Whole of school assemblies overflow due to an undersized facility, limiting the community infrastructure.*

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## **NEW FACILITY 2: STELA**

STELA (science, technology, environment, language and arts) would be a new large learning space that would address the absence of any specialist curriculum space aside from our art room. A STEM facility with more! A cutting edge integrated and flexible learning environment to support student engagement in a modern, diverse and relevant curriculum.

Our STELA plan aligns to Educational State priorities. Our student outcomes meet or exceed state averages with consistency, yet are underperforming when compared with like schools. A purpose-built STELA building will further our inquiry model and educational outcomes.

The proposed STELA location within the masterplan is a prominent urban corner promoting inter school program access from the local area. Adjacent to the community garden the facility will allow for our gardening and sustainability curriculum to be fully integrated.

*An Opinion of Probable Cost range to deliver the STELA facility is \$2.2 to \$2.7m.*

## **NEW FACILITY 3: BNW PRIMARY AND EARLY YEARS LIBRARY**

The long-standing library/ICT room was converted into two classrooms in 2018 to accommodate enrolment growth. The school has developed a strong cultural affinity with celebrating literacy across the school calendar. The lack of a library space has effected a deep loss to the BNW curriculum and clearly stands as a symbol of an under resourced school.

The Strategic Infrastructure Committee proposes a new purpose-built library facility that supports and stimulates the children's love of and achievement in literacy. The DET Facility Allowance indicates 248m<sup>2</sup> should be allocated to a library space for the population of BNW, the equivalent of three classrooms.

We have a vision of a library as a beacon of learning on a highly visible corner that will be a community learning space, shared with the adjacent kindergarten and other local preschooler programs such as the Moreland Toy Library. The proposed library facility would also be a resource for the Gronn Place community as it develops.

*An Opinion of Probable Cost range to deliver the BNW Primary and Early Years Library facility is \$1.7 to \$2.2m.*

## 5.0 WHAT BNW HAS FUNDED AND BUILT ALREADY

At BNW we are lucky to have extensive grounds. The broader community highly values the green space our school has developed, protected and maintained. We regularly see people use our grounds for informal recreation as well as school events.

Major maintenance works have not been funded since 1999. In order to maintain and improve our facilities and grounds, the school community has been highly active: through extensive fundraising efforts, and through individuals providing volunteer labour, offering in-kind support writing grant applications and providing in depth master planning and strategic planning.

Recent self-funded buildings and grounds projects completed with volunteer support include:

- > A canopy on our Multi-Purpose Room
- > Clearance of sites for new portables
- > Carpet replacement
- > Installation of external and internal blinds
- > Installation of sky-lights
- > Investment in ICT resources, well in excess of previous expenditure and the SRP
- > Classroom refurbishments
- > Masterplanning

In addition to the above completed projects the school is self-funding projects underway in 2018 to support recent growth which include the following:

- > Woodlands regeneration, including an RMIT Masters research project on imaginative play design
- > Bike storage facilities
- > Relocation and improvement of our productive garden (due to portables and the Inclusive Schools Fund project)
- > Relocation of existing canteen (Sprout) and construction of a commercial kitchen
- > Renovating administration areas to cater for the increased population
- > Internal renovations to kitchen/staffroom to meet workplace health and safety requirements and support staff wellbeing

However, there is a significant gap between what is needed at our current population and what we have. A greater gap still when we look at the projected growth of the school. While our self-funded projects continue to improve the school's situation we cannot resolve the larger issues through our own fundraising efforts.

## 6.0 VSBA FUNDING TO OTHER LOCAL SCHOOLS

The following figures detail the VSBA funding provided to other local schools in a 4-year historical timeframe. It is time for BNW to receive a funding commitment based on our needs to ensure our students have equity of access to a quality education.

From 2015 the VSBA has funded the following local primary schools to the amounts stated.\*

Brunswick North Primary School	\$3.41m
Brunswick South West Primary School	\$4.1m
Pascoe Vale South Primary School	\$3.604m
Merri Creek Primary School	\$3.9m
Ascot Vale Primary School	\$1.759m
Coburg North Primary School	\$6.7m
Strathmore Primary School	\$5.7m
Bell Primary School	\$2m
Pascoe Vale Primary School	\$3m
Northcote Primary School	\$3.16m
Carlton Primary School	\$10m

\* Information presented as taken from the VSBA website June 2018.

## 7.0 AND AN INVITATION FOR A DISCUSSION...

This is a rare opportunity to realise an environment that supports the community's needs and delivers significant social benefit for the wider neighbourhood. School facilities have a profound impact on student and teacher outcomes as well as local neighbourhood amenity. Facility quality is an important predictor of teacher retention and student learning. Let BNW modernise and allow the School on the Hill to shine.

Brunswick North West Primary School is seeking funding and support to alleviate the infrastructure shortfalls that our growing school faces. With planning, we can make the most of the funding to leverage our current assets and build new and innovative spaces to achieve important learning outcomes, supporting resilient creative students to thrive in a changing world.

*We invite you to visit the school on the hill and experience the amazing learning, working and community environment.*

### CONTACT:

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## 8.0 APPENDICES

### APPENDIX A: WC FACILITY CONDITION – URGENT CONCERN

*The Strategic Infrastructure Committee recently called for community responses regarding the amenity of the BNW WC facilities . The survey comments closed on 25th June 2018. Below is a selection of the 70 community responses received indicating the urgent concern around the condition of the facilities. These responses highlight core facility issues within the BNW Infrastructure Needs PILLAR ONE: Student Wellbeing – Health & Safety.*

**“The school’s toilets are insufficient and unhygienic. There is no drainage at the moment to handle water run-off when the toilets are being cleaned, which means when they are hosed out the dirty, chemical laden water runs directly toward the children’s playground equipment. I am constantly worried about the impact this will have on the health of kids at our school in years to come.”**

*“I found out mid-way through term 1 that my preppy found the condition of the toilets so worrisome he was not going to the toilet at all at school. So he would go in the morning before he left & then hold on until he got home. It’s now almost term 3 & he still doesn’t use the school toilets.”*

*“The children’s toilets at BNWPS are in a bad state. They smell very bad, the floors are often soaking wet and puddled with water, the taps are located too far into the basin so that there is insufficient room for a child to wash their hands. The faucet to the tap should be made longer so that the water spills out more toward the middle of the basin. My smaller child needs to stretch on top toes to access the water because the faucet is too short. The toilet blocks are freezing cold. Heating is required. The walls have unsealed brick. This should be smoothed down and covered with tiles/ paint. Rough brick is not impervious and is therefore unable to be cleaned. My children complain about the toilets smelling bad especially the boys’ block. The floors should be made smooth To minimise puddles and then slanted towards the drains. There should be bins located inside the blocks so that children can place tissue paper etc into them. Thank you for your time.”*

*“There are not enough toilets for the number of children now at our school. The current school toilet facilities are obviously difficult to keep clean and not fit for purpose. They frequently smell appalling, causing children to feel uncomfortable using them and therefore they hold on all day, which is extremely unhealthy and damaging to young bodies. The walls are not tiled meaning they cannot be steam or pressure washed clean. From a hygiene and disease management perspective it is simply ridiculous that in 2018 the school still hasn’t received any funding from the Department to replace the existing toilet block with a modern, cleanable and fit for purpose facility.”*

*“Hello, I have a prep who has started at school this year and has enthusiastically adored her time at BNWPS so far. She is a bit intimidated by the toilets (which I’m sure all preps are) but she does complain how much they smell and that ‘they are old, dark and scary’. It would be great to see some funding so that they could be improved.”*

*“In short the toilets are disgusting and are not fit to service the school population. I feel for the children who must use these on a regular basis as the smell that emanates from the toilet block is truly revolting. My child has commented that he has not used the toilets when he has needed to because the smell has been so bad which in a school in a first world country is deplorable.”*

**“I asked my Grade 1, “It would be good if there were more toilets as you need to sometimes hold on and wait for quite a while. Then people have accidents and need to go to the office and it gets busy and they might run out of clothes ‘cause all the accidents.”**



1. Degraded WC Facilities

2. Internal linings of WC facility are of poor quality
3. Internal wall and floor linings failure within WC facility

*"My children in years 3 and 5 state that the toilets always smell. They both state that they try not to go to the toilet all day at school because they are so bad. I believe this is because the toilets are old and also over-used due to large increases in the numbers at the school. Personally, I can often smell the toilets as I walk past them in the playground. This has not been the case in previous years. The health, educational, and behavioural impacts of children not going to the toilet all day concerns me greatly, as a parent."*

*"Facilities are old and tired - with some toilets not in service, there is not enough toilets to suit the growth that BNW has had in recent years, they also do not coincide with modern hygiene standards."*

**"I am really concerned about the current state of the toilets at BNWPS. For a start there are not nearly enough to provide toilets as required for the school's growing population. My children tell me that there are often queues to use the girls toilets during peak times (recess and lunch)."**

*"I believe that sometimes they "hold on" because the prospect of waiting in a queue and missing out on play time/ losing their playmates is too daunting. This is a real concern to me as a parent given the health problems that arise from not going to the toilet when you need it."*

*"The toilets are unhygienic, smelly, and very run down. My daughter will avoid going to the toilet in the day so she doesn't have to go into the toilet block. That's not good for her health and comfort. To her, the toilets are the worst aspect of a school which she loves."*

**"At certain times children have to wait to go (particularly hard for prep kids who are still learning and are 1/4 of the school population) and as we know many kids (regardless of age) are unable to hold for very long."**

*"My son says he is afraid to go into the toilets (too dark, isolating). It would be great to see the toilet facilities modernised to be much more open and light."*

*"Better not to use the toilets at all and just not go. It means I don't drink too much water so I don't need to go to the toilet. They are disgusting and smelly"*

## APPENDIX B: **BNW MASTERPLAN & MASTERPLAN DESIGN PRINCIPLES – JUNE 2018 V2.0**

*Refer A3 BNW Masterplan attached separately.*

The masterplan (Appendix B) illustrates a 5 year timespan of facility requirements according to sustained school enrolment figures calculated by the Strategic Infrastructure Committee. Prepared by architects and urban designers within the BNW Building & Grounds Committee on behalf of the community, the masterplan celebrates the uniqueness of the campus with appropriate development that respects the urban context with careful planning.

DET facility allowance schedules determine proposed facility type and area. The masterplan aim is to create a long-term view to implement successful infrastructure that stimulates excellence in learning outcomes and creates outstanding local social value.

**Key masterplan design principles are outlined below:**

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### **01 FUTURE GROWTH**

- > Establish building footprints that support enriching and varied external spaces
- > Develop whole of school gathering place for daily assemblies and community events
- > Provide for excellent administration areas to aid communications and relationships
- > Provide WC amenities to statutory regulations and convenient locations.

### **02 BUILT LEARNING ENVIRONMENT**

- > Provide distinct learning hub identities within different campus zones
- > Classrooms provide minimum basic amenities for daylight, hygiene, temperature control and ventilation
- > Ensure clear way finding and site circulation including safe emergency egress
- > Provide flexible areas for specialised use and different learning methodologies
- > Deliver teacher resource spaces that promote collaboration.

### **03 NATURAL LEARNING ENVIRONMENT**

- > Retain and protect external space and capitalise on views across site to promote immersive experience
- > Maintain and enhance freedom and expansiveness within site
- > Maximise benefit of mature trees on site with connections to learning spaces
- > Develop green zones as counterpoint to hard brick and asphalt zones
- > Develop outdoor learning spaces to foster connection with nature through curriculum innovation.

### **04 URBAN CONTEXT**

- > Define streetscape and school urban presence to showcase school facilities for wider community use.
- > Locate new buildings to campus boundaries to protect open space and create a softer green interior.
- > Maintain Wales St green edge as much as possible within facility expansion requirements.



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## **05 CONNECTIONS**

- > Enable strong social connections within and external to the school community with places of assembly
- > Highlight visual and physical infrastructure connections between campus zones and facilities
- > Articulate routes for bikes and prams with adequate specialised storage
- > Develop school entries that communicate the school culture and accommodate groups and peak flows.

## **06 COMMUNITY WELLBEING**

- > Enhance child and community wellbeing through a deep sense of place
- > Create smaller scale territories and sequences of outdoor spaces for varying sensory needs
- > Encourage a variety of student led habitations across site promoting self expression and belonging
- > Allow for unstructured play that provides student opportunity for innovation and problem solving.

## **07 SUSTAINABLE DESIGN**

- > Retrofit sustainable lighting, ventilation & insulation solutions to main building refurbishment
- > Increase natural daylight to existing spaces
- > Provide summer sunshading to learning spaces
- > Design for passive and active sustainable design in proposed school projects.

