INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOLS

GOSPEL PRIMARY SCHOOL (REG 2354)

SUMMARY REPORT

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1) INSPECTION SUMMARY

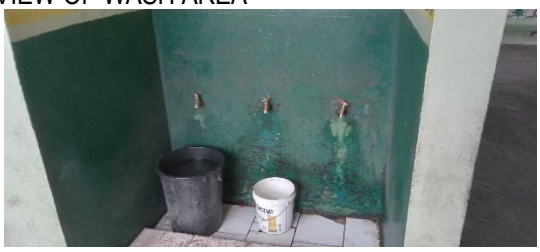
School Inspection Summary	
School name:	GOSPEL PRIMARY SCHOOL
Overall condition state:	FAIR
Key recommendations:	
- Overcrowding – 14 new classrooms required based on FNBC standards - WASH – 3 new toilet cubicles required for girls / maintenance of ablution blocks required - Accessibility –All buildings require accessibility ramps, accessible doorways - Disaster resilience – Windows to include cyclone shutters and roof cladding fastened with Cyclone roofing screws.	
Comments:	
Major defects were noted as follows: • Damaged ceiling with water leakage stain (B4) • Cracks on walls (No buildings) • Missing ramps (All buildings) • Inadequate stairway width. (WW3) • Girls'& Boys toilet cubicles in fair condition. • Dented and dislodged handrails. (No buildings) • Rusted roof cladding, gutter and roofing nails (B4)	

Aerial view of school

General view of school

SIDE VIEW

VIEW OF WASH AREA



GROUND LEVEL VIEW

School type:	**Primary**	✓	**Secondary**		**Year levels**	1,2,3,4,5, 6, 7, 8
School address:	DHANJI STREET, SAMABULA					
School enrolment and staff figures	**No. of Students (Male)**	**No. of Students (Female)**	**No. of Students with Disability**	**No. of Teachers (Male)**	**No. of Teachers (Female)**	
	395	398	0	6	11	
School building arrangement	TOTAL NUMBER OF BUILDINGS: **5** 2 STOREYS / **B1** – 1 STOREY / **B2 –B5**					
Local government area:	REWA STREET, SAMABULA					
Date of inspection:	06TH JUNE, 2024					
Inspection team:	FREDDY TURAGA (FT) ALEKSIO MANOA (AM) RAJIV KUMAR (RK)					
Data collection methods	Visual inspection	✓	Onsite measurement	✓		
	Interviews with school staff	✓	Drone / aerial imagery	✓		
	Survey form	✓	Desktop research	✓		
	Other:	SDMP, BUDGET PLANS FOR DEVELOPMENT				
Assumptions:	NONE					
Limitations:	UNAVAILABILITY OF ALL SCHOOL DOCUMENTS SUCH AS BOUNDARY AREA.					

2) ASSESSMENT OF OVERCROWDING

An assessment for overcrowding was undertaken based on FNBC standards and 2024 enrolment data. The table below summarises the data collected through visual inspection and interrogation of enrolment data and compares this against the FNBC standard student to classroom size ratio of 2 m^2 per student.

The results of the assessment are based on the recommended sizing (1.5m^2), according to 2024 data, an additional 1 classroom are required for year 1, 2, 3, 4, 5, and 6 for Gospel Primary School.

Year	Stream	Number of students	Current number of classrooms	Number of extra classrooms required based on FNBC on 2024 data
1	101	49	2	1
	102	48		
2	201	48	2	1
	202	46		
3	301	52	2	1
	302	51		
4	401	49	2	1
	402	49		
5	501	51	2	1
	502	51		
6	601	47	2	1
	602	51		
7	701	50	2	0
	702	49		
8	801	52	2	0
	802	50		

3) EXISTING INFRASTRUCTURE CONDITIONS

Given the outlined procedure, the following observations were made:

Block Code	Length (m)	Width (m)	Height (m)	No. of Levels	Type	Room List
B1	37.3	7.5	5.5	2	Concrete Wall, Column and cladding on timber framed roof structure. Constructed in 2014.	**Ground Floor –** 1 x Male Toilet | 3 x Classrooms **First Floor –** 1 x Classroom | Library | Scripture
B2	17	6.5	2.5	1	Concrete wall with cladding on timber framed roof structure. Constructed in 1942.	**Ground Floor –** 2 x Classrooms
B3	17	6.5	2.5	1	Concrete wall with timber framed roof structure. Constructed in 1942.	**Ground Floor –** 4 x Classrooms
B4	69	6.5	2.5	1	Concrete with cladding on timber framed roof structure.	**Ground Floor** – 6 x Classrooms
B5	16.5	11	2.5	1	Timber framed wall with cladding on timber framed roof structure. Constructed in 1974.	**Ground Floor –** 2 x Classrooms (ECE)

NOTE: Toilets mentioned refers to a set of cubicles.

Summary Table for Classrooms

This table provides a quick overview of the assessment findings, helping to identify areas that need immediate attention and those that are in good condition. The following criteria was used:

- Good - No additional works / intervention required
- Fair - Remedial works required
- Poor - Demolition and replace with new

Assessment Area	Criteria	Conditions
Structural Integrity	Walls, ceiling, floor, foundation and roofs	Fair
General upkeep	Exterior, interior, furniture and fixtures	Fair
Safety compliance	Fire safety, electrical safety,	Fair
Disability	Accessibility	Poor
Ventilation and lighting	Ventilations, Natural Lighting, Artificial Lighting.	Good

Observations on Structural Elements

- **Walls and Ceiling** – There was water leak marks in the ceiling of Lab area and Library room. There were no signs of wear and tear on walls. The walls and ceiling were well painted.
- **Floors and Foundation** – the floor and foundation for the entire school is found to be stable. There were no visible or sign of cracks but there was uneven surface. However, the floor is mostly covered with titles.
- **Roofs** – the school reported that there are roof leaks. It was found that roof materials are in good condition. However, some roof cladding and fastenings are partially rusted and requires upgrading works.
- **Windows** – some missing window louvre blades were recorded at various buildings
- **Earthquake –** The three-storey main concrete building indicates resistance to earthquake based on suitable column, beam and slab size and design.
- **Cyclone** – minor roof upgrading works required to increase cyclone resilient capacity of the structures.

Existing Conditions of Building and Maintenance

- **Exterior –** the building is in fair condition as the wall, beam, column, window seal, doors, eaves, fascia boards and gutters are intact and coated with paint. The school executes periodical maintenance.
- **Interior –** the building is in fair condition as the walls, beams, columns windows, doors and ceiling are intact and coated with paint. The school executes periodical maintenance. The classrooms were found to be clean with proper waste disposal.
- **Furniture and Fixtures –** the classrooms and offices have adequate furniture and fixtures that do not impede on the function of the buildings.

Safety and compliance with standards

- **Fire Safety –** the school does not possess adequate fire safety mechanisms. Present fire Extinguishers need maintenance and commissioning. No fire hydrants and alarm systems were found. The school has Emergency exit plan and designated assembly area provisioned.
- **Electrical Safety –** The school is connected to EFL Grid. The school has surface wiring with no fault outlets. All electrical systems are measured to be safe.
- **Accessibility –** the school does not meet disability accessibility standards. The school does not have facilities such as ramps, handrails and accessible restrooms.

Lighting and Ventilation

- **Ventilation –** HVAC system (Heating, Ventilation, and Air Conditioning) is centrally located in the school, in particular, offices and Computer Labs.
- **Natural Lighting –** there are adequate number of windows installed in classrooms, that are regularly cleaned to allow natural light to enter into classrooms unobstructed.
- **Artificial Lighting –** it was found that all light fixtures are working and provides adequate illumination.

4) WATER SANITATION HYGIENE (WASH) FACILITIES

Condition of Toilets and Washrooms

Suva Sangam College school has 2 blocks with toilet facilities. The facilities have some minor defects such as:

- The cubicle doors were damaged.
- Some toilet seat pans were missing.
- Rust was found on the door hinges and steel connectors of the PVC pipe outlets in the toilet system.
- The floor and walls had damaged and missing tiles.

The WASH facilities were unclean and lacked maintenance while the girl's toilet cubicles do not comply with the FNBC for toilet numbers.

The school has designated toilet blocks for all building. For instance, students in Building B2 are assigned to use WC#1 & WC#2. The table below provides data on wash facilities. The Table below presents wash facilities data.

TOILET CUBICLE(S)		No. of Cubicles		Toilet Ratio (1 cubicle: students)		Compliance of Student to Toilet Cubicle Ratio (FNBC).	
Building Index	Used by Years	Female	Male	Female	Male	Female Requirement (1:20) Extra Toilets?	Male Requirement (1:30) Extra Toilets?
WC1	Y9 – Y12	11	8	26	31	1	1
WC2	Y13	4	3	11	11	0	0

HAND BASINS IN THE TOILET		No. of Hand Basins		Handbasin Ratio 1:		Compliance of Student to Hand Basin Ratio (FNBC).	
Building Index	Used by Years	Female	Male	Female	Male	Female Requirement (1:60) Extra Handbasins?	Male Requirement (1:60) Extra Handbasins?
WC1	Y9 – Y12	5	3	58	83	0	1
WC2	Y13	2	2	22	17	0	0

GENERAL OUTDOOR TAPS		No. of General Outdoor Taps	Outdoor Taps Ratio 1:	Compliance of Student to Outdoor Taps Ratio Requirement (1:60) (FNBC) Does it require additional hand basins?
Building Index	Used by Years			
B1	Yr 9 – Yr 13	14	45	0

5) DISASTER RESILIENCE ASSESSMENT

This infrastructure condition assessment aims to evaluate the architectural, structural, and non-structural features of the school to ensure it is resilient to natural disasters and provides a safe learning environment for students. The assessment also identifies areas for improvement and highlights the measures already in place to enhance overall resilience. FNBC 1990 and basic loading, wind and seismic AS/NZS codes typical details were utilized during and after inspection.

Architectural

- Cyclonic Roof: The school has a cyclonic roof designed to withstand strong winds and seismic activity. However, replacement with new roof cladding and roofing screws is needed.
- Central Location: The school is centrally located, allowing easy access to main streets and relief services.

Structural

- Material Quality: The school buildings are constructed using reinforced concrete and follow acceptable engineering design principles.
- Structural Integrity: Buildings have demonstrated the capability to withstand and recover from natural disasters like earthquakes, category 3 cyclones, and floods.

Non-Structural

- Disaster Preparedness: Implementation of disaster evacuation plans, emergency exit routes, and safety protocols.
- Fire Safety: Equipped with a fire alarm system and strategically placed fire extinguishers to mitigate fire-related risks.

6) ACCESSIBILITY ASSESSMENT

1. **Compliance with Accessibility Standards:**
   - Educational facilities did not meet accessibility standards, such as the Fiji Disable People Federation Access Audit Tool 1.0. This toolkit covers aspects like ramps, door widths, signage, and accessible routes, also the noncompliance extends beyond physical structures to digital accessibility.

2. **Facilities for Students with Disabilities:**
   - Classrooms did not have adjustable seating arrangements, clear sightlines, and adequate space for mobility aids also including accessible desks and adjustable podiums.
   - Laboratories are not able to accommodate students with various disabilities with the absence of adjustable lab benches, accessible sinks, and clear pathways.
   - Libraries require accessible shelving, reading stations, and assistive technology (such as screen readers) to enhance library usability.
   - Restrooms (WASH facilities) were not wheelchair-accessible or have grab bars and sinks at an appropriate height.
   - Common Areas: the cafeterias and outdoor spaces were not designed inclusively. Benches, seating areas, and a few pathways are not able to accommodate everyone.

3. **Access to Classrooms, WASH Facilities, and Common Areas:**
   - Classrooms have adequate wide doorways to ensure access to classrooms. Additionally, acoustics are not considered for students with hearing impairments.
   - WASH Facilities do not have accessible restrooms with proper signage and a clear pathway to the wash facilities.
   - Common Areas like corridors, courtyards, and gathering spaces are not barrier-free and are without proper lighting and contrasting floor materials to aid navigation.

7) SUMMARY OF FINDINGS

The following summarizes the individual characteristics assessed during the Suva-Nausori school audit for Suva Sangam College

Categories of Assessment	Existing Condition / State	Required as per Standards	Gaps Observed
Existing Infrastructure Condition	- Structural Integrity – Columns, slabs, beams, rafters, purlins of adequate size. - General upkeep – Minor irregular maintenance. - Safety compliance- handrails where necessary. - Disability- no consideration when constructed. - Ventilation and lighting – damaged and missing lights at some sections of buildings.	- Structural Integrity – Columns, slabs, beams, rafters, purlins sizes to follow FNBC 1990. - General upkeep –routine checkup as per MOE policies with major defects requiring immediate intervention. - Safety compliance- handrails, extra doors and signage where necessary. - Disability- to comply with FDPF Disability audit tool - Ventilation and lighting – adequate windows and doors required as per FNBC 1990.	- Structural Integrity – Columns, slabs, beams, rafters, purlins sizes to follow FNBC 1990. - General upkeep –requires immediate intervention to major defects. - Safety compliance- safety handrails were only present in suspended floors while ground floor rails beside drain had missing rails (not fully safety compliant). FDPF requires signage which was absent from the school. - Disability- not fully compliant with FDPF Disability audit tool - Ventilation and lighting – limitations in the count of windows and lightings compared to required FNBC.
Assessment of Overcrowding	- The classrooms are accommodating an average of 640 roll/18 classrooms of 37 students.	- FNBC 1990 requires classroom occupancy to have $2m^2$ per person. Based on that, the required roll per classroom was calculated.	- 12/18 classrooms were accommodating more roll than required. - Given the recommended sizing ($1.5m^2$), about 6 extra classrooms are required to address overcrowding in school.
Water Sanitation Hygiene (WASH) facilities	Toilets (students: Cubicle) - Boys – 25:1 (11 cubicles) - Girls – 22:1 (15 cubicles) Taps (students: tap) - Students – 45:1 (14 taps) - Menstrual Hygiene was present in every female washroom block & admin office	Toilets Ratio (students: Cubicle) - Boys – 25:1 (11 cubicles) - Girls – 22:1 (15 cubicles) Taps Ratio (students: tap) - Students – 45:1 (14 taps) **Please note: Above number of cubicles and taps are respective of 2024 enrolment numbers. Due to variation of ratio with student population in FNBC, the initial ratio is referred ONLY for reporting.** - Menstrual Hygiene to be present in every female washroom block	- Girl's toilet ratio was in par with the FNBC 1990 ratio. This may hinder later on with growing population. - The boys toilet ratio exceeded the FNBC requirement indicating not enough toilet cubicles are in the school. Given the roll of girls, a total of 2 extra cubicles is required - The tap ratio was below the FNBC requirement indicating extra taps are in the school. - school require maintenance of rusting pipes and algae buildup in WASH facilities.
Disaster Resilience Assessment	- columns, beams, slabs had hairline cracks. - All roof had truss roof frames. - The windows only have burglar shutters at some sections. - Roof cladding is rusted at B1 & B2 - roofing nails show rusting.	Fiji Building Code 1990. Requirement is that roof cladding be free of rust and fastened securely with type 17 cyclonic screws with neoprene washers. Additionally, cyclone brackets to be fixed on every window frame.	- Rusting of cladding contradicts to the cyclone certification requirement requiring replacement. - Absence of cyclone brackets are not acceptable as per the cyclone certification.
Accessibility Assessment	-Handrails partially damaged in corridors. - Classrooms and labs have typical door size of 0.8 – 0.9m width.	**The following are requirements from Fiji Disabled People's Federation Access Audit Tool** - Ramps – required wherever elevation with minimum 1:8 maximum 1:20	The following facilities are missing. - Ramps and elevators for vertical access - Wide doorways and clear pathways - Proper signage - Wheelchair-accessible restrooms

	- Stairway – average 0.9m width.	- Walkway clearance - - Handrails to be 0.76m to 0.9m. - Doors and Door size – minimum 0.9m. - Clearance required of 1.2m and tread width of minimum 310mm. (National Building Code Table D2.1)	- Grab bars - Proper signage - Inclusive seating areas and pathways - Proper lighting - Contrasting floor materials

8) RECOMMENDATIONS

- In order to comply with the FNBC, the school will require the following:
  - Classrooms: An additional 14 new classrooms for students in years 1,2,3, 4, 5, 6, 7 & 8. This expansion aims to accommodate the growing number of students and provide them with an enhanced learning environment.
- WASH Facilities: An additional 2 cubicles for boys is required, equipped with up-to-date WASH facilities (handbasins), catering particularly to the needs of female students. These new facilities are essential to ensure hygiene and comfort. Additionally, some consideration could also be given to the boys' toilet cubicles as the ratio is in par with the FNBC ratio. The exact number could be discussed upon further analysis.

Weekly routine maintenance work and daily cleanup directive from MOE is also a critical component of the plan which includes:

- Roof repairs due to rusting of cladding, roofing nails, gutter and gutter straps.
- Plumbing fixes due to algae buildup.
- New paint application on rails and walls

These maintenance activities are designed to address existing wear and tear and to ensure that the school buildings remain in good condition. It is recommended that maintenance be carried out at regular intervals, ideally every 12 months, to prevent deterioration and to maintain a safe and functional environment.

- Accessibility: Prioritize building accessibility features, such as ramps and handrails, to ensure compliance with standards. These features are vital for providing all students, including those with disabilities, with equal access to the school's facilities.

9) COMPLIANCE

Upon inspecting Suva Sangam College, the following conclusions were drawn:

- **MEHA Compliance:** Compliant
- **WASH Facilities:** The school has ample taps. Additional 17 girls toilet cubicles required to comply with FNBC 1990.
- **Land Availability:** There is sufficient land for additional blocks along the front fence line.
- **NFA Compliance:** Compliant with NFA basic guidelines but does not have NFA certification.
- **WAF Compliance:** Adequate water supply and backup system for water cuts.
- **FNBC Compliance:** The school is not fully compliant with the occupancy requirements as well as the category 5 cyclone standards based on the windows and roofing requirements.
- **NDMO Compliance**: Targeting NFA and NBC compliance for safety.
- **EFL Compliance:** Assumed to be compliant with EFL standards.
- **DISABILITY Accessibility:** non-compliant

10) APPENDIX

Appendix A – Suva Sangam College Site Inspection Report

Appendix B – Excel Scoring Sheet

Appendix C – Land Available for Expansion

Appendix A - Site Inspection Report

INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOL(S)

GOSPEL PRIMARY SCHOOL (REG: 2354)

INFRASTRUCTURE REPORT

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List of Abbreviations

NRWM	NRW Macallan (Fiji) Pte Ltd
MOE	Ministry of Education
TT	Tetra Tech International Development Pty Ltd
DFAT	Department of Foreign Affairs and Trade (Australia)
FEG	Free Education Grant
OHS	Occupational Health and
NFA	National Fire Authority
WAF	Water Authority of Fiji
NBC	National Building Code
NDMO	National Disaster Management Office
EFL	Energy Fiji Limited

1) SCHOOL BACKGROUND

The school was established by the Gospel Brethren way back in 1942 as Mission School where it focuses on the Christian ethics to spread the word of God to all races within the locality in Samabula.

Later in 1970 it has developed to have Years 1 to 6 classes and the intermediate classes as well. Mostly the curriculum taken was from New South Wales with mostly Europeans as Teachers.

The school further developed to be a full Primary school in 2000 where Year 1 to 8 are catered for and the High School was established to cater for all Primary students of different race and religious background. Currently Gospel Primary School has enrolled 793 students for the 2024 school calendar, of which there are 398 female and 395 male students. Ethnicity enrolment comprise of 631 iTaukei students, 101 Indo-Fijian students, and 61 Multi-ethnic students to date. ECE was also established in 1974 where only morning sessions were taken for only less than 100 students.

The School Management Committee is chosen from the Gospel Churches within the Suva – Nausori corridor and the Manager is chosen by the Gospel Education Board. School's source of funding includes government funding, religious committee funding and PTA has just started their fundraising this year to support the running of the school with developments on simple projects for the schools especially on Learning Environment upgrade.

FEG Utilization on infrastructure was mainly on painting, replacing leaking roofing irons and installation of fans and replacing louver blades and improved wash facilities.

There are spaces available for classrooms expansion and building new structure especially a Library with ICT lab. Also land available for hardcourts to generate income for the school.

Table 1: SCHOOL DETAILS

NAME OF SCHOOL	**GOSPEL PRIMARY SCHOOL**
SCHOOL REGISTRATION NUMBER	2354
SCHOOL LOCATION	DHANJI STREET, SAMABULA
SCHOOL TYPE	PRIMARY
FEEDER SCHOOL	-
DATE OF INSPECTION	06.06.2024
MILESTONE	(3 / 86 SCHOOLS)
INSPECTED BY (TEAM 4)	RAJIV KUMAR
	FREDDY TURAGA
	ALEKSIO MANOA

Table 2: SCHOOL ENROLMENT FIGURES

Year of Enrolment	Number of Students			Students with Disability	Number of Teachers			Comments
	Male	Female	Total		Male	Female	Total	
2024	395	398	793	-	6	11	17	• Number of Classrooms: 18 including ECE room. • Student to stream average ratio is 50 :1 for 2024 school calendar. • WASH ratio = 26: 1 per toilet • 24:1 per tap • EVACUATION CENTRE: Yes, as designated by NDMO
2023	377	388	765	-	7	10	17	
2022	408	383	791	-	7	10	17	
2021	396	364	760	-	7	11	18	
2020	425	367	792	-	8	9	17	
2019	418	381	799	-	7	10	17	

Table 3: 2024 CLASSROOM ENROLLMENT DETAILS (*ONLY CLASSROOMS)*

GRADE	CLASS NUMBER	TOTAL STUDENT ROLL	NUMBER OF TEACHERS	DIMENSIONS (m)		ACCESS WAY COUNT		OVERCROWDING
				LENGTH	**WIDTH**	**NO. OF DOORS D1**	**NO. OF WINDOWS**	
1	5	49	1	8.5	6.5	1	2/W5, 2/W6	☒YES ☐NO
1	6	48	1	8.5	6.5	1	2/W5, 2/W6	☒YES ☐NO
2	7	48	1	8.1	6.5	2	4/W2	☒YES ☐NO
2	8	46	1	8.1	6.5	2	4/W2	☒YES ☐NO
3	9	52	1	8.1	6.5	1	4/W2	☒YES ☐NO
3	10	51	1	8.1	6.5	1	4/W2	☒YES ☐NO
4	11	49	1	8.1	6.5	1	4/W2	☒YES ☐NO
4	12	49	1	8.1	6.5	1	4/W2	☒YES ☐NO
5	3	51	1	9.4	6.6	1	4/W2	☒YES ☐NO
5	4	51	1	9.4	6.6	1	4/W2	☒YES ☐NO
6	1	47	1	9.4	6.5	1	2/W3, 2/W1	☒YES ☐NO
6	2	51	1	9.4	6.5	1	2/W3, 2/W1	☒YES ☐NO
7	13	50	1	12.4	7.5	1	4/W4	☐YES ☒NO
7	14	49	1	12.4	7.5	1	4/W4	☐YES ☒NO
8	15	52	1	12.4	7.5	1	4/W4	☐YES ☒NO
8	16	50	1	12.4	7.5	1	4/W4	☐YES ☒NO
ECE	ROOM 1	45	4	8.9	8.3	2	4/W7	☒YES ☐NO
ECE	ROOM 2	37	3	8.9	8.3	2	4/W7	☒YES ☐NO

WINDOW SCHEDULE:

W1 – Louvre blade window 3 columns and 11 rows
W2 – Louvre blade window 4 columns and 11 rows
W3 – Louvre blade window 5 columns and 11 rows
W4 – Louvre blade window 6 columns and 11 rows
W5 – Louvre blade window 3 columns and 8 rows
W6 – Louvre blade window 4 columns and 8 rows
W7 – Louvre blade window 8 columns and 11 rows

DOOR SCHEDULE:

D1 – Single swing solid timber core door.

NOTE: 2 No. ECE room
ROOM 1: There are four (4) streams: Stream 1 (10 students), Stream 2 (11 students), Stream 3 (12 students), & Stream 4 (12 students). There are 24 Male and 21 Female students.
ROOM 2: There are three (3) streams: Stream 5 (12 students), Stream 6 (12 students), & Stream 7 (13 students). There are 18 Male and 19 Female students.

Under MoE requirement, Primary 1.1sqm per pupil. Clear Zone 1.8m wide front of class for safe egress & ingress.

2) SCHOOL SITE PLAN (DRONE IMAGERY OF SCHOOL)

AERIAL VIEW

LEGEND

B#	BUILDINGS	DR#	CREEKS(DR1)/DRAINAGE
PG#	PLAYGROUND	H#	SCHOOL HALL (GIDEON HALL)
WC#	TOILETS	ST#	STAFF QUARTERS
T#	TAP / WASH AREA	F#	DINING/FOYER/CANTEEN/WAITING AREA/ADMIN OFFICE
WS#	WATER STORAGE FACILITY/WATER TANK	EFL#	EFL POSTS (EFL2 & EFL3)/ JUNCTION BOX (EFL1)
SEP#	SEPTIC TANK	CP	CAR PARK
LA#	LAND AVAILABILITY	WW#	WALKWAY

3) VISUAL INSPECTION RESULTS –BLOCK B1

a) BUILDING B1 INFORMATION

Building Index	B1 : Classroom	Year built: 2001 (Age: 23 years old)
Type:	➢ Ground floor: 3 x Classrooms (2-Year 7 & 1-Year 6) | 1 x Male Toilet Block ➢ 1st floor: 1 x Classroom (Year 6) | 1 x Scripture| 1 x Library	No. of Levels: 2

Dimensions	Length (m): 37.3	Width (m): 7.5	Height (m): 5.5 (up to eaves)

Existing State of Building

REF. No.	Building Component	Good[1]	Fair[2]	Poor[3]	Structure Type [4]	Comments	
1	Roof Lining	☒			**Timber**	In good condition.	
2	Roof Structure		☒		Timber	Corrugated roof cladding showing signs of mild rust. Recommend metal roof to receive new paint and gutters cleaned. Connection concealed.	
3	Walls	☒			Concrete	In good condition. No signs of crack. Paint finish.	
4	Columns	☒			Concrete	In good condition. No signs of crack. Paint finish.	
5	Beams	☒			Concrete	In good condition. No signs of crack. Paint finish.	
6	Floor		☒		Concrete	In good condition. Damaged floor tiles. No signs of crack. Tiled finish.	
7	Handrails		☒		Steel(metal pipes and mesh)	Safe height. No damage. Paint finished.	
8	Walkway(s)		☒		Concrete	In good condition. Walkway (WW5) need a roof structure. Concrete staircase (WW3) link to foyer (F1) is uneven and not as per NBC. Each step is 1.2m wide with approx. 165mm riser & 245mm tread. There is one egress and ingress to level 1.	
9	Services – water supply		☒			Low water pressure. Less taps for WASH facilities. No female WASH facilities. WAF serviced.	
10	Available taps for general use		☒			4 of taps (T1)	Student – tap ratio = 24: 1
11	Services – electricity	☒				Faulty tube lights and ceiling fans. EFL or Licensed Electrician to carry out electrical work are in accordance to EFL standard & AS/NZ3000 wiring regulation.	
12	Services – communication (internet)	☒				In good condition. PA system covers the whole block.	
13	Drainage	☒				Stormwater divert into drains to nearby creek. Regular cleaning and maintenance.	

Comments

- Overcrowding in each classroom. Block (B1) constructed out of concrete beams and columns with slab on ground and suspended floor slab at first floor level. Block walls for both external and internal load bearing. Doors on one side and windows present on both sides of the structure. Gable roof with metal cladding and timber framed roof members.

[1] Good - No additional works / intervention required
[2] Fair - Remedial works required – min CAT 3 standard
[3] Poor - Demolition and replace with new - min CAT 4 standard
[4] Type of structure - Timber/concrete/steel

Corridor links to concrete staircase (WW3) to the foyer (F1) between Block (B2) and Block (B3). Natural lighting and ventilation satisfactory.

- Infrastructure is inaccessible for disable individuals who use wheelchair or other mobility supports. The building is only accessible via stairs, doors too narrow for a wheelchair to fit, or a medical equipment and this block (B1) is not friendly for disable students as entry point step up/down and congested classrooms.
- Dimensions of each classroom Length(m) = 12.4, Width(m)= 7.5, Height(m) = 2.75; Library and Scripture Length(m) = 12.4, Width(m) = 7.5, Height(m) = 2.75
- Visual defects: Mild rust present on corrugated roof cladding and will require application of weather shielding paint.
- Other observations: No female WASH facilities. The girls will have to use the WASH facilities at Girls Toilet Upper Primary. Recommend new female ablution block at Land Available (LA 1).
- Staircase at (WW3) leading to the Upper Primary classroom buildings is not in accordance to the building code standard and NBC. Recommend upgrading the existing concrete staircase. Walkway (WW5) needs a roof.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.
- Refer to Table 3 on page 6 for classroom dimension and overcrowding details.

b) TOILET BLOCK – WC1

Building Index	WC1 – TOILET BLOCK (BOYS & TEACHERS)						
Type:	Ground floor: 1 x toilet (Boys and Teachers only) 4no. water closet. 4no. taps					No. of Levels: 1	
Dimensions	Length (m): 7.5		Width (m): 3.4			Height (m): 2.5 (up to eaves)	
Existing State of Building							
REF. No.	Building Component	Good[5]	Fair[6]	Poor[7]	Structure Type [8]	Count[9]	Comments
1	Toilet Bays – male	☒			Concrete	2	Well maintained.
2	Toilet Bays – female	N/A			N/A	0	No Female Toilet Block
3	Toilet Partition between boys and teachers	☒			Concrete	N/A	Block wall full height
4	Shower bay					0	No shower rooms.
5	Toilet Bays – accessible	☒				4	2 toilet bays for male teachers & 2 toilet bays for male students
6	Entry to toilet building	☒				1	1no. swing grilled security door. Pad locked.
7	Exit to toilet building	☒				1	1no. swing grilled security door. Pad locked.
8	Menstrual Hygiene facilities	N/A				N/A	Present at the sick bay next to the Admin office(F2)
9	Students to **WASH** ratio	Toilet taps: 4		Male (106 Students)	26:1	Female	N/A

Comments

- A standalone toilet block (WC1) built in the year 2001 for male students and teachers only. Constructed out of concrete block walls on ground concrete floor slab with a lean-to timber roof structure and corrugated roof cladding.
- Loose PVC gutters. Regular maintenance required.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.

[5] Good - No additional works / intervention required
[6] Fair - Remedial works required – min CAT 3 standard
[7] Poor - Demolition and replace with new - min CAT 4 standard
[8] Type of structure - Timber/concrete/steel
[9] Count - Used for identifying number of toilet bays and menstrual hygiene facilities

4) VISUAL INSPECTION RESULTS –BLOCK B2

a) BUILDING B2 INFORMATION

Building Index	**B2 : Classroom**		**Year built: N/A**
Type:	➢ **Ground floor: 2 x Classrooms (2-Year 1)**		**No. of Levels: 1**
Dimensions	**Length (m): 17**	**Width (m): 6.5**	**Height (m): 2.5 (up to eaves)**

Existing State of Building

REF. No.	Building Component	Good[10]	Fair[11]	Poor[12]	Structure Type [13]	Comments	
1	Roof Lining	☒			Timber	In good condition. Roof to receive new paint.	
2	Roof Structure		☒		Timber	Corrugated roof cladding showing signs of mild rust. Connection concealed. Missing ceiling board at the corridor.	
3	Walls	☒			Concrete	In good condition. No cracks. Paint finish.	
4	Columns		☒		Steel/Timber	In good condition. No cracks. Paint finish.	
5	Beams	☒			Concrete/ Timber	In good condition. No cracks. Paint finish.	
6	Floor		☒		Concrete	In good condition. Some damaged floor tiles.	
7	Handrails		☒		N/A	N/A	
8	Walkway(s)		☒		Concrete	In good condition. Walkway (WW6) to Boys toilet (WC2) need a roof structure.	
9	Services – water supply		☒			Low water pressure. Less taps for WASH facilities. WAF serviced.	
10	Available taps for general use		☒			4 of taps (T2)	Student – tap ratio = 24: 1
11	Services – electricity		☒			Faulty tube lights and ceiling fans. EFL or Licensed Electrician to carry out electrical work are in accordance to EFL standard & AS/NZ3000 wiring regulation.	
12	Services – communication (internet)	☒				In good condition. PA system covers whole block. Several safety signs on display.	
13	Drainage	☒				In good condition. Stormwater divert into nearby drain. Regular cleaning and maintenance.	

Comments

- Overcrowding in each classroom. Block B2 constructed out of concrete beam with ground slab. Block walls for both external & internal load bearing. Door on one side and windows present on both sides of the structure. Gable roof with metal cladding and timber framed roof members. Corridor link to Block B3 and B4 with the foyer (F1).
- Infrastructure is inaccessible for disable individuals who use wheelchair or other mobility supports. The building only accessible via stairs, doors too narrow for a wheelchair to fit, or a medical equipment. K
- Dimensions of each classroom Length(m) = 8.1, Width(m)= 6.5, Height(m) = 2.5
- Visual defects: Mild rust present on corrugated roof cladding and will require application of weather shielding paint.
- Some missing ceiling board in the classrooms and corridor to be replaced with new ones.
- Other observations: The girls use the WASH facilities at Girls Toilet Upper Primary (WC3)
- Concrete staircase (WW3) leading to the Upper Primary classroom buildings is not in accordance to the building code standard and NBC. Recommend upgrading the existing concrete staircase to existing foyer (F1).

[10] Good - No additional works / intervention required
[11] Fair - Remedial works required – min CAT 3 standard
[12] Poor - Demolition and replace with new - min CAT 4 standard
[13] Type of structure - Timber/concrete/steel

- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.
- Refer to Table 3 on page 6 for classroom dimension and overcrowding details.

b) TOILET BLOCK – WC3

Building Index	WC3 – TOILET BLOCK (GIRLS TOILET LOWER PRIMARY)						
Type:	Ground floor: 1 x toilet (Girls Toilet) 6no. water closet. 3no. taps(hand basin), 4no. showers					No. of Levels: 1	
Dimensions	Length (m): 6.5		Width (m): 2.2			Height (m): 2.5 (up to eaves)	
Existing State of Building							
REF. No.	Building Component	Good[14]	Fair[15]	Poor[16]	Structure Type [17]	Count [18]	Comments
1	Toilet Bays – male	N/A			N/A	0	N/A
2	Toilet Bays – female	☒			Concrete	6	Regular maintenance required.
3	Toilet Partition	☒			Concrete	6	Block wall full height
4	Shower bay					5	4no. shower heads. No shower rooms.
5	Toilet Bays – accessible	☒				6	6no. toilet bays for female students only.
6	Entry to toilet building	☒				1	1no. single swing solid timber core door
7	Exit to toilet building	☒				1	1no. single swing solid timber core door.
8	Menstrual Hygiene facilities	N/A				0	Present at the sick bay next to Admin office (F2).
9	Students to **WASH** ratio	Toilet taps: 3		Female (155 Students)	26:1	Male	N/A

Comments

- Toilet (WC3) is built in building(B3) located between the foyer (F1) and block (B3). Constructed of concrete block wall on ground floor slab with ceramic tiles.
- Regular maintenance required.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.

[14] Good - No additional works / intervention required
[15] Fair - Remedial works required – min CAT 3 standard
[16] Poor - Demolition and replace with new - min CAT 4 standard
[17] Type of structure - Timber/concrete/steel
[18] Count - Used for identifying number of toilet bays and menstrual hygiene facilities

5) VISUAL INSPECTION RESULTS –BLOCK B3

a) BUILDING B3 INFORMATION

Building Index	**B3 : Classroom**	**Year built: N/A**	
Type:	➢ **Ground floor: 4 x Classrooms (2-Year 5) and (2-Year 8)**		**No. of Levels: 1**
Dimensions	**Length (m): 17**	**Width (m): 6.5**	**Height (m): 2.5 (up to eaves)**

Existing State of Building

REF. No.	Building Component	Good[19]	Fair[20]	Poor[21]	Structure Type [22]	Comments	
1	Roof Lining		☒		Timber	In good condition. New roof cladding at classroom for Year 5 only. Require new roof cladding, facia board at classrooms for Year 8 and Admin Office (F2) building only	
2	Roof Structure		☒		Timber	Corrugated roof cladding showing signs of mild rust. Connection concealed.	
3	Walls	☒			Concrete	In good condition. No cracks. Paint finish.	
4	Columns	☒			Steel/Timber	In good condition. No cracks. Paint finish.	
5	Beams	☒			Concrete/ Timber	In good condition. No cracks. Paint finish.	
6	Floor		☒		Concrete	In good condition. Some damaged floor tiles.	
7	Handrails		☒		N/A	N/A	
8	Walkway(s)		☒		Concrete	In good condition. Walkway (WW4) link to Canteen and Waiting Area (F3)	
9	Services – water supply		☒			Low water pressure. Less taps for WASH facilities. WAF serviced.	
10	Available taps for general use		☒			3 taps (T3)	Student – tap ratio = 24: 1
11	Services – electricity		☒			Faulty tube lights and ceiling fans. EFL or Licensed Electrician to carry out electrical work are in accordance to EFL standard & AS/NZ3000 wiring regulation.	
12	Services – communication (internet)	☒				In good condition. PA system covers whole block. Several safety signs on display.	
13	Drainage	☒				In good condition. Stormwater divert into nearby PVC drain. Regular cleaning and maintenance. New gutters at classroom for Year 5 only.	

Comments

- Overcrowding in each classroom. Block (B3) constructed out of concrete beam with ground slab. Block walls for both external & internal load bearing. Door on one side and windows present on both sides of the structure. Gable roof with metal cladding and timber framed roof members. Corridor links to Block B3 (between the classroom of Year 5 and Year 8)
- Infrastructure is inaccessible for disable individuals who use wheelchair or other mobility supports. The building only accessible via stairs, doors too narrow for a wheelchair to fit, or a medical equipment.
- Dimensions of each classroom Length(m) = 5.2, Width(m)= 6.5, Height(m) = 2.5
- Visual defects: New corrugated roof cladding and gutters for B3 Classroom Year 5 only. New corrugated roof cladding for B3 Classroom Year 8 in some places.

[19] Good - No additional works / intervention required
[20] Fair - Remedial works required – min CAT 3 standard
[21] Poor - Demolition and replace with new - min CAT 4 standard
[22] Type of structure - Timber/concrete/steel

- Other observations: The girls use the WASH facilities at Girls Toilet Lower /Upper Primary (WC3) and (WC4). Corridor link to both Toilets.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.
- Refer to Table 3 on page 6 for classroom dimension and overcrowding details.

6) VISUAL INSPECTION RESULTS –BLOCK B4

a) BUILDING B4 INFORMATION

Building Index	**B4 : Classroom**		**Year built: N/A**
Type:	➢ **Ground floor: 6 x Classrooms (2-Year 2), (2-Year 3) and (2-Year 4)**		**No. of Levels: 1**
Dimensions	**Length (m): 69**	**Width (m): 6.5**	**Height (m): 2.5 (up to eaves)**

Existing State of Building

REF. No.	Building Component	Good[23]	Fair[24]	Poor[25]	Structure Type [26]	Comments	
1	Roof Lining			☒	Timber	In poor condition. The entire Block B4 requires new roof cladding.	
2	Roof Structure			☒	Timber	Upgrade timber roof structure members and connection.	
3	Walls	☒			Concrete	In good condition. No cracks. Paint finish.	
4	Columns	☒			Steel/Timber	In good condition. No cracks. Paint finish.	
5	Beams	☒			Concrete/ Timber	In good condition. No cracks. Paint finish.	
6	Floor		☒		Concrete	In good condition. Some damaged floor tiles.	
7	Handrails		☒		N/A	N/A	
8	Walkway(s)		☒		Concrete	In good condition. Corridor link to Foyer (F1) and Block B3. Missing ceiling board.	
9	Services – water supply		☒			Low water pressure. Less taps for WASH facilities. WAF serviced.	
10	Available taps for general use		☒			3 of taps (T3)	Student – tap ratio = 24: 1
11	Services – electricity		☒			Faulty tube lights and ceiling fans. EFL or Licensed Electrician to carry out electrical work are in accordance to EFL standard & AS/NZ3000 wiring regulation.	
12	Services – communication (internet)	☒				In good condition. PA system covers whole block. Several safety signs on display.	
13	Drainage	☒				In good condition. Stormwater divert into nearby drain. Regular cleaning and maintenance.	

Comments

- Overcrowding in each classroom. Block (B4) constructed out of concrete beam with ground slab. Block walls for both external & internal load bearing. Door on one side (Doors on both sides at Classrooms for Year 2 only) and windows present on both sides of the structure. Gable roof with metal corrugated cladding and timber framed roof members. Corridor links to Foyer (F1).
- Infrastructure is inaccessible for disable individuals who use wheelchair or other mobility supports. The building only accessible via stairs, doors too narrow for a wheelchair to fit, or a medical equipment.
- Dimensions of each classroom Length(m) = 8.1, Width(m)= 6.5, Height(m) = 2.5
- Visual defects: New corrugated roof cladding and gutters required for the whole Block B4 only. Upgrade the timber roof structure members and connection with new ones –minimum CAT 4 standard.
- Other observations: The girls use the WASH facilities at Girls Toilet Upper Primary (WC4). Corridor link and Walkway (WW6) to Boys Toilet (WC2).
- Land Available at LA 2 and LA 4 for any future development.

[23] Good - No additional works / intervention required
[24] Fair - Remedial works required – min CAT 3 standard
[25] Poor - Demolition and replace with new - min CAT 4 standard
[26] Type of structure - Timber/concrete/steel

- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.
- Refer to Table 3 on page 6 for classroom dimension and overcrowding details.

b) TOILET BLOCK – WC2

Building Index	**WC2 – TOILET BLOCK (BOYS TOILET)**						
Type:	**Ground floor: 1 x toilet (Boys Toilet)** **10no. water closet. 1no. tap (hand basin), 2no.urinal**					**No. of Levels: 1**	
Dimensions	**Length (m): 13**		**Width (m): 2.2**			**Height (m): 2.5 (up to eaves)**	
Existing State of Building							
REF. No.	**Building Component**	**Good[27]**	**Fair[28]**	**Poor[29]**	**Structure Type [30]**	**Count [31]**	**Comments**
1	Toilet Bays – male	☒			Concrete	10	Regular maintenance required.
2	Toilet Bays – female	N/A			N/A	0	N/A
3	Toilet Partition	☒			Concrete	10	Block wall full height
4	Shower bay					3	3no. shower heads. No shower rooms.
5	Toilet Bays – accessible	☒				10	10no. toilet bays for male students only.
6	Entry to toilet building	☒				2	Missing 1no. single swing solid timber core door
7	Exit to toilet building	☒				2	Missing 1no. single swing solid timber core door.
8	Menstrual Hygiene facilities	N/A				0	N/A
9	Students to **WASH** ratio	Toilet taps: 3		Male (291 Students)	26:1	Female	N/A

Comments

- Toilet block (WC2) is built in block (B4) located between classroom number 11 and classroom 10. Constructed of concrete block wall on ground floor slab with ceramic tiles. Toilet block (WC2) is for male students only.
- Regular maintenance required.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.

[27] Good - No additional works / intervention required
[28] Fair - Remedial works required – min CAT 3 standard
[29] Poor - Demolition and replace with new - min CAT 4 standard
[30] Type of structure - Timber/concrete/steel
[31] Count - Used for identifying number of toilet bays and menstrual hygiene facilities

c) TOILET BLOCK – WC4

Building Index	WC4 – TOILET BLOCK (GIRLS TOILET UPPER PRIMARY)						
Type:	Ground floor: 1 x toilet (Girls Toilet) 6no. water closet. 2no. tap (hand basin), 2no.shower					No. of Levels: 1	
Dimensions	Length (m): 6.5		Width (m): 2.2			Height (m): 2.5 (up to eaves)	
Existing State of Building							
REF. No.	Building Component	Good[32]	Fair[33]	Poor[34]	Structure Type [35]	Count [36]	Comments
1	Toilet Bays – male	N/A			N/A	0	N/A
2	Toilet Bays – female	☒			Concrete	6	Regular maintenance required.
3	Toilet Partition	☒			Concrete	6	Block wall full height
4	Shower bay					2	2no. shower heads. No shower rooms.
5	Toilet Bays – accessible	☒				6	6no. toilet bays for female students only.
6	Entry to toilet building	☒				1	Missing 1no. single swing solid timber core door
7	Exit to toilet building	☒				1	Missing 1no. single swing solid timber core door.
8	Menstrual Hygiene facilities	☒				1	1 Menstrual Hygiene bin.
9	Students to **WASH** ratio	Toilet taps: 3		Male (155 Students)	26:1	Female	N/A

Comments

- Toilet block (WC4) is built in at the end of block (B4) located next to the foyer (F1). Constructed of concrete block wall on ground floor slab with ceramic tiles. Toilet block (WC4) is for female students for upper primary only.
- Regular maintenance required.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.

[32] Good - No additional works / intervention required
[33] Fair - Remedial works required – min CAT 3 standard
[34] Poor - Demolition and replace with new - min CAT 4 standard
[35] Type of structure - Timber/concrete/steel
[36] Count - Used for identifying number of toilet bays and menstrual hygiene facilities

11) VISUAL INSPECTION RESULTS –BLOCK B5

a) BUILDING B5 INFORMATION

Building Index	**B5 : Classroom**	**Year built: N/A**	
Type:	➢ **Ground floor: 2 x Classroom (ECE)**		**No. of Levels: 1**
Dimensions	**Length (m): 16.5**	**Width (m): 11**	**Height (m): 2.5 (up to eaves)**

Existing State of Building

REF. No.	Building Component	Good[37]	Fair[38]	Poor[39]	Structure Type [40]	Comments	
1	Roof Lining		☒		Timber	In good condition.	
2	Roof Structure		☒		Timber	In good condition.	
3	Walls	☒			Timber	In good condition. Paint finish.	
4	Columns	☒			Steel/Timber	In good condition. Paint finish.	
5	Beams	☒			Timber	In good condition. Paint finish.	
6	Floor		☒		Concrete	In good condition. Some damaged floor tiles.	
7	Handrails		☒		N/A	N/A	
8	Walkway(s)		☒		Concrete	In good condition. Corridor link to Foyer (F1) and Block B3. Missing ceiling board.	
9	Services – water supply		☒			Low water pressure. Less taps for WASH facilities. WAF serviced.	
10	Available taps for general use		☒			6 of taps (T5)	Student – tap ratio = 24: 1
11	Services – electricity		☒			Faulty tube lights and ceiling fans. EFL or Licensed Electrician to carry out electrical work are in accordance to EFL standard & AS/NZ3000 wiring regulation.	
12	Services – communication (internet)	☒				In good condition. PA system covers whole block. Several safety signs on display.	
13	Drainage	☒				In good condition. Stormwater divert into nearby drain to creek (DR1) Regular cleaning and maintenance.	

Comments

- Overcrowding in each classroom. Block (B5) constructed out of timber stud walls with ground concrete slab. Doors and windows present on both sides of the structure. Gable roof with metal cladding and timber framed roof members. Corridor links to walkway (WW2) to Waiting Area (F3).
- Infrastructure is inaccessible for disable individuals who use wheelchair or other mobility supports. The building only accessible via stairs, doors too narrow for a wheelchair to fit, or a medical equipment.
- Dimensions of each classroom Length(m) = 8.0, Width(m)= 11, Height(m) = 2.5
- Visual defects: Ceiling fans severely corroded which is a hazard to the students and teachers so the occupants have not used them for safety reasons.
- Other observations: The girls and boys use the WASH facilities (WC5) beside ECE classrooms. Corridor link to Boys and Girls Toilet (WC5).
- Soil erosion present at playground (PG5) due to the nearby creek (DR1). Possible scouring at the banks of the creek. Urgently require action by the relevant authority such as the Ministry of Waterways, a registered professional consultant(geotechnical) to provide bank protection and landslip protection.

[37] Good - No additional works / intervention required
[38] Fair - Remedial works required – min CAT 3 standard
[39] Poor - Demolition and replace with new - min CAT 4 standard
[40] Type of structure - Timber/concrete/steel

- Land Available (LA 5) for any future development.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.
- Refer to Table 3 on page 6 for classroom dimension and overcrowding details.

b) TOILET BLOCK – WC2

Building Index	**WC5 – TOILET BLOCK (ECE) (Boys and Girls)**						
Type:	**Ground floor: 1 x toilet (Male and Female with 1 Teacher Toilet) 6no. water closet. 1no. tap (hand basin) at teacher 's toilet**					**No. of Levels: 1**	
Dimensions	**Length (m): 10**		**Width (m): 3.0**			**Height (m): 2.4 (up to eaves)**	
Existing State of Building							
REF. No.	**Building Component**	**Good[41]**	**Fair[42]**	**Poor[43]**	**Structure Type [44]**	**Count [45]**	**Comments**
1	Toilet Bays – male	☒			Concrete	3	Regular maintenance required
2	Toilet Bays – female	☒			Concrete	3	Regular maintenance required.
3	Toilet Partition	☒			Concrete	6	Block wall full height
4	Shower bay					0	No shower rooms.
5	Toilet Bays – accessible	☒				6	6no. toilet bays.
6	Entry to toilet building	☒				1	1no. single swing solid timber core door
7	Exit to toilet building	☒				1	1no. single swing solid timber core door.
8	Menstrual Hygiene facilities	☒				1	1 sanitary bin.
9	Students to **WASH** ratio	Toilet taps: 3		Male (42 Students)	26:1	Female(40 Students)	26:1

Comments

- A standalone toilet block (WC5) built beside the classroom block (B5) for male and female students and one teacher's toilet. Constructed out of concrete block walls on ground concrete floor slab with a lean-to timber roof structure and metal corrugated roof cladding.
- Regular maintenance required.
- Refer to drone imagery on page 7 for location of building, toilets, walkway, etc.

[41] Good - No additional works / intervention required
[42] Fair - Remedial works required – min CAT 3 standard
[43] Poor - Demolition and replace with new - min CAT 4 standard
[44] Type of structure - Timber/concrete/steel
[45] Count - Used for identifying number of toilet bays and menstrual hygiene facilities

7) PHOTOGRAPHIC REPORT – BLOCK B1

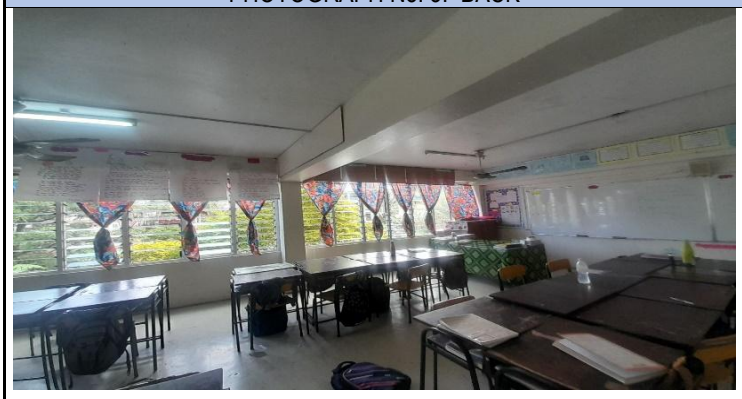
Client:	**TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD**	**School Name:**	**GOSPEL PRIMARY SCHOOL**
Project:	**INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.**	**Building Index:**	**B1**

PHOTOGRAPH No. 1: FRONT

PHOTOGRAPH No. 2: LEFT SIDE

PHOTOGRAPH No. 3: BACK

PHOTOGRAPH No. 4: RIGHT SIDE (LA1)



PHOTOGRAPH No. 5: INTERIOR

PHOTOGRAPH No. 6: ROOF SPACE

PHOTOGRAPH NO 7 – MALE TOILET BLOCK (WC1)

PHOTOGRAPH NO 8 – TAPS (T1)

8) PHOTOGRAPHIC REPORT – BLOCK B2

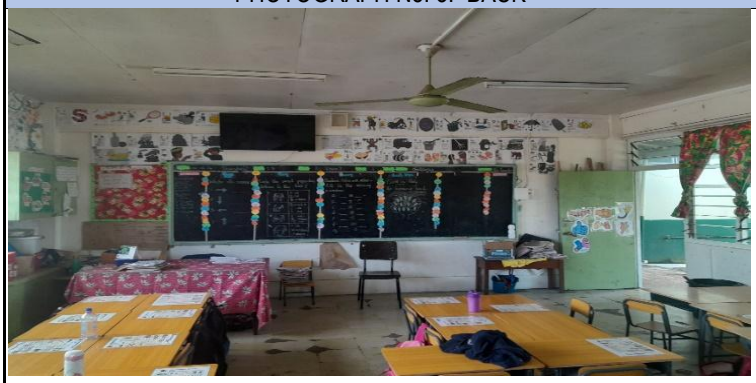
Client:	**TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD**	**School Name:**	**GOSPEL PRIMARY SCHOOL**
Project:	**INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.**	**Building Index:**	**B2**

PHOTOGRAPH No. 1: FRONT (LA2)

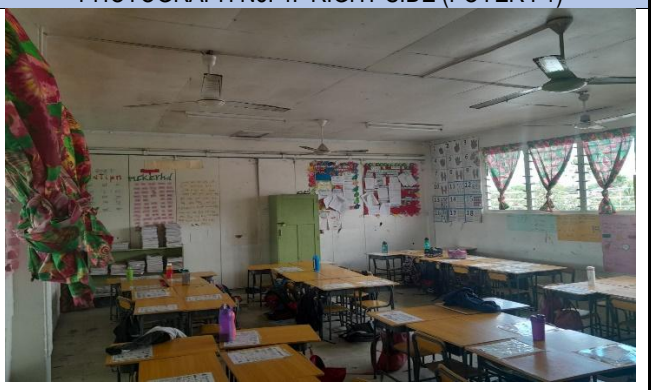
PHOTOGRAPH No. 2: LEFT SIDE

PHOTOGRAPH No. 3: BACK

PHOTOGRAPH No. 4: RIGHT SIDE (FOYER F1)



PHOTOGRAPH No. 5: INTERIOR



PHOTOGRAPH No. 6: ROOF SPACE

PHOTOGRAPH NO 7 – TOILETS (WC3)

PHOTOGRAPH NO 8 - TAPS

9) PHOTOGRAPHIC REPORT – BLOCK B3

Client:	**TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD**	**School Name:**	**GOSPEL PRIMARY SCHOOL**
Project:	**INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.**	**Building Index:**	**B3**

PHOTOGRAPH No. 1: FRONT

PHOTOGRAPH No. 2: LEFT SIDE

PHOTOGRAPH No. 3: BACK

PHOTOGRAPH No. 4: RIGHT SIDE

PHOTOGRAPH No. 5: INTERIOR

PHOTOGRAPH No. 6: ROOF SPACE

PHOTOGRAPH NO 7 – TOILETS (WC3)

PHOTOGRAPH NO 8 – TAPS (T3)

10) PHOTOGRAPHIC REPORT – BLOCK B4

Client:	**TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD**	**School Name:**	**GOSPEL PRIMARY SCHOOL**
Project:	**INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.**	**Building Index:**	**B4**

PHOTOGRAPH No. 1: FRONT (LA 4)

PHOTOGRAPH No. 2: LEFT SIDE

PHOTOGRAPH No. 3: BACK (WW6) (LA 2)

PHOTOGRAPH No. 4: RIGHT SIDE (FOYER F1)

PHOTOGRAPH No. 5: INTERIOR

PHOTOGRAPH No. 6: ROOF SPACE

PHOTOGRAPH NO 7 – TOILETS (WC2)

PHOTOGRAPH NO 8 – TAPS (T4)

11) PHOTOGRAPHIC REPORT – BLOCK B5

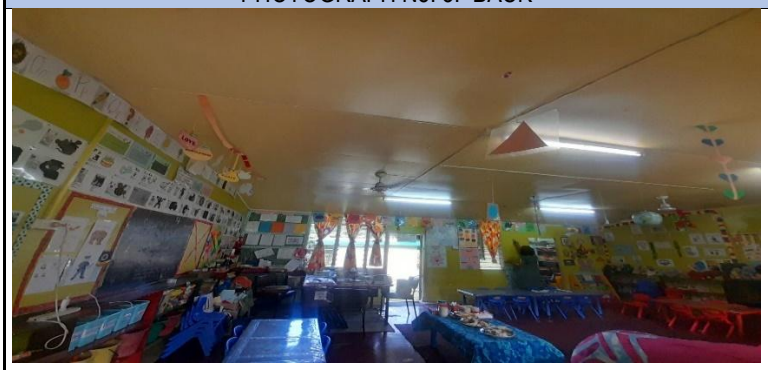
Client:	**TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD**	**School Name:**	**GOSPEL PRIMARY SCHOOL**
Project:	**INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.**	**Building Index:**	**B5**

PHOTOGRAPH No. 1: FRONT

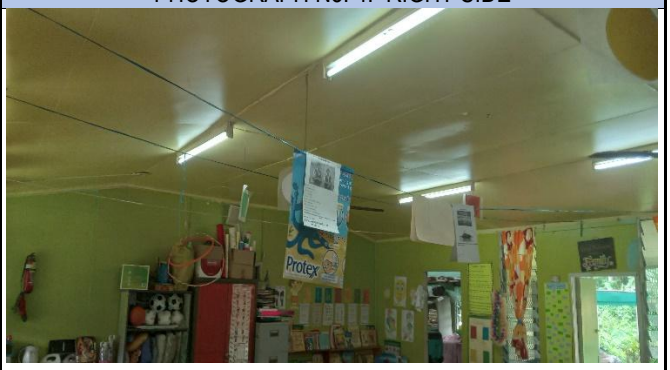
PHOTOGRAPH No. 2: LEFT SIDE

PHOTOGRAPH No. 3: BACK

PHOTOGRAPH No. 4: RIGHT SIDE



PHOTOGRAPH No. 5: INTERIOR



PHOTOGRAPH No. 6: ROOF SPACE

PHOTOGRAPH NO 7 – TOILETS (WC5)

PHOTOGRAPH NO 8 – TAPS (T5)

Appendix B – Excel Scoring Sheet

	WEIGHTED CRITERIA		
1	**PART A - CLASSROOM OVERCROWDING (40%)** **Classrooms facilitating students beyond room capacity, determined through number of students per classroom and classroom size**		
	Fair - some classrooms are accommodating students above capacity.	24 to 31	**30**
	Criteria Item Score		**30.0**
2	**PART B - WASH FACILITIES (20%)** **WASH- Student ratio based on the Fiji National Building Code (FNBC) Infrastructure Standards (10%)**		
	Poor - WASH-Student ratio for school toilet blocks falls below the ratio in the standard specified by FNBC.	8 to 10	**10**
2.1	**Quality of facilities and current condition such as funtionality and maintenance (10%)**		
	Good - generally school toilet facilities are maintanined well with minimal disturbances from the physical infrastructure to the end users.	0 to 5.9	**5**
	Criteria Item Score		**15.0**
3	**PART C - CONDITION OF INFRASTRUCTURE (20%)** **Building structure and condition of walls, floors, ceilings, overall structural integrity (10%)**		
	Good - most building structures are in good condition, however some may need repairs to improve structural integrity.	0 to 5.9	**5**
3.1	**Maintenance and assessment of the upkeep of facilities including painting and repairs (10%)**		
	Fair - school facilities are not maintained well and the physical infrastructure may need repairs or remedial work due to causing moderate distrubances to the end users.	6 to 7.9	**6**
	Criteria Item Score		**11.0**
4	**PART D - DISABILITY ACCESSIBILITY (10%)** **Accessibility features such as the presence of existing ramps, handrails, accessible toilets etc**		
	Poor - School buildings and facilities do not have accessibility features.	8 to 10	**10**
	Criteria Item Score		**10.0**
5	**PART E - DISASTER RESILIENCE (10%)** **Presence and quality of measures for disaster resilience of buildings including structural measures, cyclone shutters and fire safety systems**		
	Good - most or all school buildings structures are resilient to natural disasters and have partial safety systems in place. More systems or structural intervention would need to be implemented	0 to 5.9	**5**
	Criteria Item Score		**5.0**
	TOTAL CRITERIA SCORE		**71.0**

Appendix C – Land Available for Expansion

Australian Government
Department of Foreign Affairs and Trade

TETRA TECH

Disasters DO Happen
Are YOU Prepared?

NRW MACALLAN (FIJI) LTD
CONSULTING ENGINEERS

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CIVIL, STRUCTURAL, ELECTRICAL, MECHANICAL & PROJECT MAMAGEMENT
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SCHOOL NAME:

GOSPEL PRIMARY SCHOOL

07/11/2024 6:35:56 am