

INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOL

NASINU GOSPEL PRIMARY SCHOOL (2398)

SUMMARY REPORT



TABLE OF CONTENTS

1)	INSPECTION SUMMARY	3
2)	ASSESSMENT OF OVERCROWDING	4
3)	EXISTING INFRASTRUCTURE CONDITIONS	5
4)	WATER SANITATION HYGIENE (WASH) FACILITIES	7
5)	DISASTER RESILIENCE ASSESSMENT	9
6)	ACCESSIBILITY ASSESSMENT	10
7)	SUMMARY OF FINDINGS.....	11
8)	RECOMMENDATIONS	12
9)	COMPLIANCE.....	12
10)	APPENDIX.....	12

1) INSPECTION SUMMARY

School Inspection Summary	
School name:	NASINU GOSPEL PRIMARY SCHOOL
Overall condition state:	POOR
Key recommendations:	
<ul style="list-style-type: none"> • Overcrowding – all rooms deemed overcrowded based on 2sqm per student basis. • Overcrowding – 9 new classrooms required based on recommended sizing (1.5m²) • Accessibility – wheel chair ramps required at corridor & classroom. • WASH – one new ablution block to have eight water closets with four shower cubicles complete with four hand basins for Boys and twelve water closets with four shower cubicles complete with four hand basins and a wash tub for Girls • Safety – new fire fighting equipment required. 	
Comments:	
Major defects were noted as follows: <ul style="list-style-type: none"> • Block 02 timber structure may be required to be demolished. 	
Aerial view of school	General view of school
	 <p>FENCED COMPOUND</p>  <p>HARDSTAND</p>  <p>SHELTERED WAITING BAY</p>

School type:	Primary	✓	Secondary		Year levels	ECE,1,2,3,4,5,6,7,8
School address:						
School enrolment and staff figures (2024)	No. of Students (Male)	No. of Students (Female)	No. of Students with Disability	No. of Teachers (Male)	No. of Teachers (Female)	
	385	423	0	8	8	
School building arrangement	TOTAL NUMBER OF BUILDINGS: 8 BLOCKS BLOCK 01 – 2 LEVELS, BLOCK 02 – 1 LEVEL, BLOCK 03 – 1 LEVEL, BLOCK 04 – 1 LEVEL BLOCK 05 – 1 LEVEL, BLOCK 06 – 1 LEVEL, BLOCK 07–1 LEVEL, BLOCK 08–1 LEVEL					
Local Government area:	DANIVA ROAD, VALELEVU.					
Date of inspection:	01 ST AUGUST, 2024					
Inspection team:	LAITE TELAWA ALEKSIO MANOA FREDDY TURAGA SURAJ RAGHUNATH					
Data collection methods	Visual inspection		✓	Onsite measurement		✓
	Interviews with school staff		✓	Drone / aerial imagery		✓
	Survey form		✓	Desktop research		✓
	Other:					
Assumptions:	NONE					
Limitations:	SURVEY PLAN / TITLE CERTIFICATE - WITH SCHOOL BOARD AS BUILT PLANS EXISTING STRUCTURES – WITH SCHOOL BOARD SCHOOL BUDGET PLAN – WITH SCHOOL BOARD ABOVE DOCUMENTS NOT KEPT AT SCHOOL OFFICE.					

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 m² per student.

The results of the assessment are based on the recommended sizing (1.5m²), according to 2024 data, an additional 9 classrooms are required for Nasinu Gospel Primary School.

Year	Stream	Number of students	Current number of classrooms	Number of extra classrooms required based on FNBC on 2024 data
01	101	58	2	2
	102	60		
02	201	51	2	1
	202	46		
03	301	47	2	1
	302	54		
04	401	52	2	1
	402	50		
05	501	51	2	1
	502	49		
06	601	54	2	1
	602	52		
07	701	49	2	1
	702	54		
08	801	40	2	1
	802	41		
ECE	01	52	1	0
	02	55		
TOTAL		1185	29	9

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
BLOCK 01	20	10, 12	6	2	Block 01 constructed out of concrete beams and columns with slab on ground and suspended floor slab for first floor. Block wall for external and internal partition walls. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members.	Ground Floor Chapel, Library, Canteen First Floor 2no. Classrooms.
BLOCK 02	23	6.3, 8	3.4	1	Block 02 constructed out of timber floor framing raised above ground on stumps and timber framed walls for both external & internal partition walls. Doors and windows present on lengthwise of both sides the structure. Gable roof with metal cladding and timber framed roof members.	Ground Floor 3no. Classrooms.
BLOCK 03	11	5	3	1	Block 03 constructed out of concrete slab on ground and block walls for both external & internal load bearing walls. No doors at entry point. Louvre glass on aluminium frame for windows. Lean-to roof with metal cladding and timber framed roof members	Ground Floor Girls Toilet Block.
BLOCK 04	14	4.5	3	1	Block 04 constructed out of concrete slab on ground and block walls for both external & internal load bearing walls. No doors at entry point. Louvre glass on aluminium frame for windows. Gable roof with metal cladding and timber framed roof members.	Ground Floor Boys Toilet Block
BLOCK 05	52	7.8, 9.5	3.4	1	Block 05 constructed out of concrete slab on ground and block walls for both external & internal load bearing. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members.	Ground Floor Admin Office, 6no. Classrooms, ECE room.
BLOCK 06	17.5	6, 7.7	4	1	Block 06 constructed out of timber floor framing raised above ground on stumps and timber framed walls for both external & internal partition walls. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members.	Ground Floor 2no. Classrooms, Department Office.
BLOCK 07	28	8, 10	3	1	Block 07 constructed out of concrete slab on ground and block walls for both external & internal load bearing. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members.	Ground Floor 3no. Classrooms, Department Office.
BLOCK 08	18	6.4, 8.5	6.4	2	Block 08 constructed out of concrete slab on ground and block walls for both external & internal load bearing. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members.	Ground Floor 1no. ECE room.

NOTE: Girls and Boys Toilets mentioned refers to a set of cubicles. Refer Breakdown under Section 4.

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	Poor
General upkeep	Exterior, interior, furniture and fixtures	Good
Safety compliance	Fire safety, electrical safety,	Fair
Disability	Accessibility	Fair
Ventilation and lighting	Ventilations, Natural Lighting, Artificial Lighting.	Good

Observations on Structural Elements

- **Wall and Ceiling** – All of the structures with block wall construction are in good condition. There was no signs of crack on walls. Block walls external and internal faces are plaster and paint finish. All of the structures with timber sub floor framing and timber wall framing are in good condition except for Block 02. Ceilings for all buildings are fixed to underside of roof framing. Block 05 corridor ceiling missing. Ceiling integrity in good condition and paint finish.
- **Floor and Foundation** – All of the structures have no signs of ground settlement. Buildings with block wall have concrete slab on ground. Timber structures are raised above ground on pine stumps. No signs of rot.
- **Roof** – No major issue reported by school management with roof cladding for all structures. Most of the roofs had received new coat of paint. No access to view roof framing and tie down connections.
- **Window & Door** – Windows for all structures have complete set of clear glass louvre blades on aluminium frames. None of the windows have security mesh cover. Every classroom has timber framed door access. All classroom doors in good condition. Toilet cubicle doors are in good condition.
- **Earthquake** – Rigid structure with beams and columns for two level structure.
- **Cyclone** – Roof framing tie down connections concealed.

Safety and compliance with standards

- **Fire Safety** – No fire hose reel present. Existing fire extinguishers needs to be replaced. The school management have provided Emergency exit plan and designated assembly. First aid kit available with admin office. Announcements and alerts conveyed through PA sound system that covers whole school.
- **Electrical Safety** – School electricity connected to EFL mains along Khalsa road. Safe and secured switchboard with circuit breakers located away from student reach. Accessed only by School admin. Only some of the blocks have lighting and power supply wiring concealed in conduits and inside ceiling space.
- **Accessibility** – Classrooms do not have wide access doors and most of them are overcrowded. Toilet cubicles are not user friendly for disable students. There is no disable student enrolled in school. There is one disable toilet cubicle with Girls toilet constructed with Japan fund.

Lighting and Ventilation

- **Ventilation** – doors and windows present lengthwise of all classrooms. All classrooms have ceiling fan and all are operational.
- **Natural Lighting** – adequate number of windows for all classrooms and offices.
- **Artificial Lighting** – adequate number of ceiling light fittings for all rooms. All functioning properly.

4) WATER SANITATION HYGIENE (WASH) FACILITIES

Condition of Toilets and Washrooms

The school management has allocated separate toilet blocks for Girls and Boys students. Students from first floor classrooms make way to use amenities at ground floor. General use taps are available at behind of Block 01, Block 03 and Block 04 and along corridors of Block 05 & Block 06. The facilities have some minor defects such as:

- There is no ceiling for Boys toilet with exposed electrical wiring.
- There is one broken water closet for Boys toilet that will need to be replaced.

All flush systems for both Girls and Boys toilet and teacher's toilet functioning properly. Cubicle floor and walls provided with tiles and regularly cleaned.

The school's existing WASH facility ratio to students based on requirements under FNBC and current student roll does not comply to standards. Table below indicates the existing number of water closet cubicles and hand wash points;

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 (WC)	Male (WC)	Female Students	Male Students	Female Requirement (1:20) Extra WC?	Male Requirement (1:30) Extra WC?
BLOCK 03	YEARS 01 TO 08 (423 pupils)	7	-	1:60	-	14	-
BLOCK 04	YEARS 01 TO 08 (385 pupils)	-	7	-	1:55	-	6
BLOCK 04	STAFF	1	1	-	-	-	-

HAND BASINS IN THE TOILET		No. of Hand Basins		Handbasin Ratio (1 HB: students)		Compliance of Student to Hand Basin Ratio (FNBC).	
Building Index	Used by Years	Female	Male	Female Students	Male Students	Female Requirement (1:60) Extra Handbasins?	Male Requirement (1:60) Extra Handbasins?
BLOCK 03	YEARS 01 TO 08 (423 pupils)	11	-	1:38	-	0	-
BLOCK 04	YEARS 01 TO 08 (385 pupils)	-	8	-	1:48	-	0
BLOCK 04	STAFF	1	1	-	-	-	-

GENERAL OUTDOOR TAPS		No. of General Outdoor Taps	Outdoor Taps Ratio (1 tap: students)	Compliance of Student to Outdoor Taps Ratio Requirement (1:60) (FNBC) Does it require additional hand basins?
Building Index	Used by Years			
BLOCK 01	YR 101,102,801,802 (200 pupils)	7	1:28	0
BLOCK 02	-	0	-	-
BLOCK 03	YR 01 to 08 (400 pupils)	11	1:36	0
BLOCK 04	YR 402,601,602,702, (210 pupils)	5	1:42	-
BLOCK 05	YR 201,202,501,502 (200 pupils)	7	1:28	0
BLOCK 06	YR 401 (50 pupils)	1	1:50	0
BLOCK 07	-	0	-	-
BLOCK 08	-	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

- Layout: Standard door openings to all classrooms. Small floor space classrooms with large openings for windows and good ceiling height. Each classroom has ceiling mounted light frames and ceiling fans. Toilets and general use taps well distributed within premises to cover all school blocks. All classrooms are overcrowded.
- Central Location: The school is centrally located, allowing easy access to main streets and relief services.

Structural

- Material Quality: The school buildings constructed decades ago and many facilities are old. Some structures are reinforced concrete and block walls and metal cladding over timber roof framing. Timber structures introduced over time are constructed out of timber sub flooring raised on stumps and timber walls. Well maintained by School management. Block 02 timber structure is during the World War 2 period.
- Structural Integrity: Buildings have demonstrated the capability to withstand and recover from natural disasters like earthquakes, category 3 cyclones, and floods. Roof framing members and tie down connections concealed.

Non-Structural

- Disaster Preparedness: Implementation of disaster evacuation plans, emergency exit routes, and safety protocols.
- Fire Safety: School has no fire hose reel. Fire extinguishers require servicing.

6) ACCESSIBILITY ASSESSMENT

I. 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.

II. 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) built separate to Girls toilet block complete with grab bars and sinks at an appropriate height.
- Common Areas: the cafeterias and outdoor spaces are not designed inclusively. Benches, seating areas, and a few pathways are not able to accommodate everyone.

III. Access to Classrooms, WASH Facilities, and Common Areas:

- Classrooms do not have wide doorways. Additionally, acoustics are not considered for students with hearing impairments. All classrooms are overcrowded.
- WASH Facilities - There is clear pathway to the wash facilities with wide corridor but no grab railings.
- 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 Veiuto Primary School at Foreshore Road Nasese;

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 Overall safe and clean classrooms and compound. No major defects except for Block 02 timber floor sub structure deteriorating. Safety compliance Handrails to all corridor and steps in good condition. Safety signs provided in corridor and steps. Disability No consideration when constructed Ventilation and lighting Adequate number and size of windows and lighting of classrooms. Ceiling fan provided for all classrooms.	Structural Integrity Columns, slabs, beams, rafters, purlins sizes to follow FNBC 1990. General upkeep Routine check 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 Roof framing tie down connections to be checked & assessed. General upkeep Block 02 maybe required to be demolished. Safety compliance Limited fire fighting equipment. Disability Not fully compliant with FDPF Disability audit tool Ventilation and lighting Loose ceiling fixtures needs to be attended to.
Assessment of Overcrowding	All classrooms are overcrowded. Teacher to student ratio 1:50 on average.	FNBC 1990 requires classroom occupancy to have 2 sqm per person. Based on that, the required roll per classroom was calculated.	- 15/16 classrooms were accommodating more roll than required. - Given the recommended sizing (1.5m ²), about 9 extra classrooms are required to address overcrowding in school.
Water Sanitation Hygiene (WASH) facilities	Toilet to Student Ratio Girls (7 WC) – 1:60 Boys (7 WC) – 1:55 General use Taps to Student Ratio Students (26 taps) – 1:30 Water tank connected to every toilet block. Menstrual Hygiene kit available at admin office. Bins provided in Girls toilet.	Toilet to Student Ratio Girls – 1:30 Boys – 1:20 General use Taps to Student Ratio Students – 60:1 Current student ratio used is respective of 2024 enrolment numbers. Menstrual Hygiene kit to be present in every female washroom block.	Based on current and expected increase in student roll: Girls to have extra 14no. WC cubicles, 4no. shower cubicles, 4no. taps. Boys to have extra 6no. WC cubicles, 4no. shower cubicles, 4no. taps. No wash tub present for Girls toilet. Clothes drying zone required.
Disaster Resilience Assessment	School building structures are resilient to natural disasters and have safety systems in place. Designated evacuation centre during disaster.	Fiji Building Code 1990. Requirement is that roof cladding be free of rust and fastened securely with type 17 cyclonic screws with neoprene washers.	No access to view roof cladding condition. No access to view roof framing tie down connections. More emergency route signs required.
Accessibility Assessment	Classroom access door 0.9m clear wide. Safety hand rails along corridor. All structures raised above ground. No accessible toilet.	The following are requirements from Fiji Disabled People's Federation Access Audit Tool: Ramps required wherever elevation with minimum 1:8 maximum 1:20, Walkway clearance handrails to be 0.76m to 0.9m. Doors and Door size minimum 0.9m. Steps clearance required of 1.2m and tread	Thorough upgrading of school amenities required to cater for disable students. No disable student enrolled.

		width of minimum 310mm. (National Building Code Table D2.1)	
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8) RECOMMENDATIONS

In order to comply with the FNBC, the school will require the following:

- **Classrooms:** The school location makes it a prime location for working parents of Valelevu CBD and neighbouring housing settlements. It is highly recommended for Ministry to construct 8no. classroom block to cater for current overcrowding and expected future increase in student roll. On average student to ratio per class is 50:1.
- **WASH Facilities:** It is highly recommended for Ministry to construct a new Ablution Block with Boys having 6no. new water closets, 4no. shower cubicles and 4no. hand basins. Girls to have new 14no. water closets, 4no. shower cubicles and 4no. hand basins.
- **NFA Compliance:** School will require 10no. Class C fire extinguishers placed at strategic locations for all blocks and Admin office. School will require 2no. 50m fire hose reel placed at strategic locations to cover both concrete and timber blocks. There is no lab room or workshop in school.
- **Education Grant:** There is no student admittance fees collected by the school. Routine maintenance of school amenities depended on Free Education Grant given by the Ministry. Due to irregular intervals at which Grant is received, school operation is affected. Grant when received is used for infrastructure maintenance such as painting, roof repair, fence repair, windows and door repair, student desks and chair repair or replacement, maintenance staff pay, utility bills and office stationaries such as paper rims and printer inks. Grant is also used for Girls hygiene kit and toilet supply. Through Japan Embassy, recent capital projects included new ECE classroom block complete with toilets suitable for junior students. Gospel Board of Education funded for new disable toilet cubicle attached to Girls toilet.
- **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 the school, the following conclusions were drawn:

- **MEHA Compliance:** School requires new classroom block. Average student to teacher ratio 1:50.
- **WASH Facilities:** School requires new ablution block to cater for both Girls and Boys.
- **Land Availability:** Ample land for new ablution block in front of Block 07.
- **NFA Compliance:** School requires new fire fighting accessories.
- **WAF Compliance:** Drinking water supply connected to WAF main.
- **FNBC Compliance:** Roof framing tie down connections to be assessed.
- **NDMO Compliance:** More emergency route and safety signs required.
- **EFL Compliance:** Power supply connected to EFL mains along Valelevu Road.
- **DISABILITY Accessibility:** Classrooms are not user friendly for disable students.

10) APPENDIX

Annex A - Site Inspection Report

Annex B – Excel Scoring Sheet

Annex C – Land Available for Expansion

Appendix A - Site Inspection Report

INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOL

NASINU GOSPEL PRIMARY SCHOOL (2398) SITE INSPECTION REPORT



TABLE OF CONTENTS

List of Tables	3
List of Abbreviations	3
1) SCHOOL BACKGROUND	4
2) SCHOOL SITE PLAN (DRONE IMAGERY OF SCHOOL).....	7
3) VISUAL INSPECTION RESULTS – BLOCK 01	8
4) PHOTOGRAPHIC REPORT – BLOCK 01	9
5) VISUAL INSPECTION RESULTS – BLOCK 02	10
6) PHOTOGRAPHIC REPORT – BLOCK 02	11
7) VISUAL INSPECTION RESULTS – BLOCK 03	12
8) PHOTOGRAPHIC REPORT – BLOCK 03	13
9) VISUAL INSPECTION RESULTS – BLOCK 04	14
10) PHOTOGRAPHIC REPORT – BLOCK 04	15
11) VISUAL INSPECTION RESULTS – BLOCK 05	16
12) PHOTOGRAPHIC REPORT – BLOCK 05	17
13) VISUAL INSPECTION RESULTS – BLOCK 06	18
14) PHOTOGRAPHIC REPORT – BLOCK 06	19
15) VISUAL INSPECTION RESULTS – BLOCK 07	20
16) PHOTOGRAPHIC REPORT – BLOCK 07	21
17) VISUAL INSPECTION RESULTS – BLOCK 08	22
18) PHOTOGRAPHIC REPORT – BLOCK 08	23
19) BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS.....	24

List of Tables

- Table 1: SCHOOL DETAILS
- Table 2: SCHOOL ENROLMENT FIGURES
- Table 3: 2024 CLASSROOM ENROLLMENT DETAILS

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

Nasinu Gospel Primary is one many schools that are being looked after by Fiji Gospel Board of Education. The school was first established to be the base for Primary level education and then students graduated to Gospel High in Samabula. The school location makes it a prime location for working parents of Valelevu CBD and neighboring housing settlements. School caters for Year 01 to Year 08 students and has two streams of kindergarten classes too.

The school serves greater part of Nasinu with most of the students coming from informal settlements and housing units. School consists of students from Gospel church members and over 50% of total students are from other various denominations.

School gets Annual Free Education Grant from the Education Ministry. Grant is utilized for school building maintenance such as painting, roof repair, fence repair, windows and doors repair, student desks and chairs repair or replacement, maintenance staff pay, utility bills and office stationaries such as paper for tests and ink for printers. No school fees collected by management.

Table 1: SCHOOL DETAILS

NAME OF SCHOOL	Nasinu Gospel Primary School
SCHOOL REGISTRATION NUMBER	2398
SCHOOL LOCATION	Daniva Road, Valelevu.
SCHOOL TYPE	Primary
FEEDER SCHOOL	-
DATE OF INSPECTION	01 ST August 2024
MILESTONE	(57 / 86 SCHOOLS)
INSPECTED BY (TEAM 4)	Freddy Turaga
	Laite Telawa
	Aleksio Manoa
	Suraj Raghunath

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	385	423	808	0	8	8	16	<ul style="list-style-type: none"> 16no. Class rooms 1no. ECE room Student to stream average ratio is 50 :1 for 2024 school calendar. WASH ratio Boys WC 55:1 Girls WC 60:1 Taps 30:1 Evacuation Centre designated by NDMO.
2023	330	358	688	0	3	13	16	
2022	307	348	655	0	5	11	16	
2021	315	335	650	0	5	11	16	
2020	310	355	665	0	6	9	15	
2019	288	321	609	0	5	9	14	

Table 3: 2024 CLASSROOM ENROLLMENT DETAILS

[illegible]

2) SCHOOL SITE PLAN (DRONE IMAGERY OF SCHOOL)



3) VISUAL INSPECTION RESULTS – BLOCK 01

Building Index		BLOCK 01				Year built: 1980 (Age: over 40 years old)	
Type:	Ground Floor : Chapel, Library, Canteen First Floor : 2no. Classrooms					No. of Levels: 2	
Dimensions		Length (m): 20m	Width (m): 10,12m			Height (m): 6m (GL to eaves)	
Existing State of Building							
REF. No.	Building Component	Good ¹	Fair ²	Poor ³	Structure Type ⁴	Comments	
1	Roof Lining	×			Metal cladding	Roof to receive new paint. No leak.	
2	Roof Structure	×			Timber frame	Connections concealed.	
3	Walls	×			Block wall	No signs of crack. Paint finish.	
4	Columns	×			Concrete	No signs of crack. Paint finish.	
5	Beams	×			Concrete	No signs of crack. Paint finish.	
6	Floor	×			Concrete	No signs of crack. Tiled finish.	
7	Handrails	×			Timber rails	Safe height. No damage. Paint finish.	
8	Walkway(s)	×			Concrete floor	No signs of crack. Bare surface.	
9	Services – water supply	×				Tapped off WAF main road	
10	Available taps for general use (excl. taps in toilets)	×				7 taps	Student – tap ratio = 35 : 1
11	Services – electricity		×			Light fixtures rusted.	
12	Services – communication	×				PA system covers whole block. Several safety signs on display.	
13	Drainage	×				Stormwater diverted into nearby drain.	

Comments

- Block 01 constructed out of concrete beams and columns with slab on ground and suspended floor slab for first floor. Block wall for external and internal partition walls. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members. Staircase present at canteen end with hand rails for first floor and steps. Exit corridor 2.0m clear. Natural light and ventilation satisfactory. Classrooms well maintained by school committee. Access is not wheelchair friendly.
- Block 01 classrooms have adequate tube lights present. Light frames rusted.
- Block 01 consists Year 801, Year 802. Total pupils 81.
- Block 01 walls receiving new coat of paint.

Recommendations

- Block 01 main roof and timber fascia to receive new paint and gutters to be cleaned.
- Block 01 to have new light frames to replace all existing.
- Block 01 requires new fire extinguishers with regular tests.
- Block 01 Chapel washroom external block wall to main structure expansion joint to be addressed. Vertical crack formed.
- Block 01 Level 1 floor beam carpark side have horizontal cracks that needs to be addressed.
- Block 01 classroom loose light frames and ceiling fans to be secured again. All ceiling fixtures to be cleaned.
- Block 01 new room with adequate space required for Library.
- Refer to Table 03 on page 6 for classroom dimension and overcrowding details.

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

4) PHOTOGRAPHIC REPORT – BLOCK 01

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 01



01. FRONT VIEW & STAIRS TO LEVEL 1 AT CANTEEN END.



02. GENERAL USE TAPS ON THE SIDE WALL.



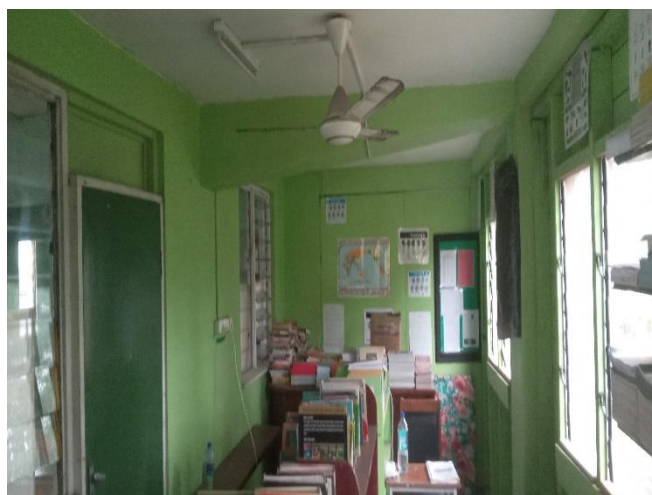
03. RIGID CONCRETE BEAMS & COLUMNS STRUCTURE.



04. ATTACHED CANTEEN – TIMBER STRUCTURE.



05. LEVEL 1 CORRIDOR WITH TIMBER RAILING.



06. CONGESTED LIBRARY – TIMBER ENCLOSURE.

5) VISUAL INSPECTION RESULTS – BLOCK 02

Building Index		BLOCK 02				Year built: 1980 (Age: over 40 years old)	
Type:	Ground Floor: 3no. Classrooms.					No. of Levels: 1	
Dimensions		Length (m): 23m	Width (m): 6.3, 8m			Height (m): 3.4m (GL to eaves)	
Existing State of Building							
REF. No.	Building Component	Good ⁵	Fair ⁶	Poor ⁷	Structure Type ⁸	Comments	
1	Roof Lining	x			Metal cladding	Roof to receive new paint. No leak.	
2	Roof Structure		x		Timber frame	Connections concealed.	
3	Walls		x		Timber frame	Signs of deterioration.	
4	Columns				-	None	
5	Beams			x	Timber frame	Signs of deterioration.	
6	Floor			x	Timber frame	Signs of deterioration.	
7	Handrails				-	None	
8	Walkway(s)	x			Concrete floor	No signs of crack. Bare surface.	
9	Services – water supply				-	None	
10	Available taps for general use (excl. taps in toilets)				-	No taps	Student – tap ratio = xx: 1
11	Services – electricity		x			Wiring exposed. Loose ceiling fixtures.	
12	Services – communication	x				PA system covers whole block. Several safety signs on display.	
13	Drainage	x				Stormwater diverted into nearby drain.	
Comments <ul style="list-style-type: none">• Block 02 constructed out of timber floor framing raised above ground on stumps and timber framed walls for both external & internal partition walls. Doors and windows present on lengthwise of both sides the structure. Gable roof with metal cladding and timber framed roof members. Exit corridor 1.8m clear. Natural light and ventilation satisfactory. Floor sub structure have started to deteriorate. External wall lining has started to deteriorate. Access into classrooms is not wheelchair friendly.• Two ceiling fans and four 4 feet light frames per room. Tube light missing.• Block 02 consists Year 101, Year 102, year 301. Total pupils 165.• Block 02 walls receiving new coat of paint.							
Recommendations <ul style="list-style-type: none">• Block 02 demolish and rebuild. Sub floor structure deteriorated. Roof clad in good condition. Louvre blade and frames in good condition.• Block 02 trim off branches of nearby trees.• Refer to Table 03 on page 6 for classroom dimension and overcrowding details.							

⁵ Good - No additional works / intervention required⁶ Fair - Remedial works required – min CAT 3 standard⁷ Poor - Demolition and replace with new - min CAT 4 standard⁸ Type of structure - Timber/concrete/steel

6) PHOTOGRAPHIC REPORT – BLOCK 02

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 02



01. FRONT VIEW WITH EXIT ONTO HARDCOURT.



02. BACK VIEW WITH TREES ALONG BOUNDARY.



03. CORRIDOR WITH STEP UP INTO CLASSROOMS.



04. CLASSROOM FLOORING TYPICAL.



05. END & SIDE WALL TIMBER FRAME.



06. LOURVE GLASS WINODWS & SOLID DOORS.

7) VISUAL INSPECTION RESULTS – BLOCK 03 GIRLS TOILET BLOCK

Building Index	BLOCK 03					Year built: 2014 (Age: over 10 years old)		
Type:	Girls Toilet block					No. of Levels: 1		
Dimensions	Length (m): 11m		Width (m): 5m			Height (m): 3m		
Existing State of Building								
REF. No.	Building Component	Good 33	Fair 34	Poor 35	Structure Type 36	Count 37	Comments	
1	Roof Lining	x			Metal cladding		Roof to receive new paint. No leak.	
2	Roof Structure		x		Timber frame		Connections concealed.	
3	Walls	x			Block wall		No signs of crack. Paint finish.	
4	Floor	x			Concrete		No signs of crack. Tiled finish.	
5	Services – water supply	x					Tapped off WAF main & backup tanks.	
6	Services - electricity	x					Wiring and fixtures deemed safe.	
7	Toilet Bays – male					-		
8	Toilet Bays – female	x			Concrete	7	Clean and safe. Fixtures proper.	
9	Toilet Partition between boys and girls.					-		
10	Shower bay - male					-		
11	Shower bay – female	x			Concrete	3	Clean and safe. Fixtures proper.	
12	Toilet Bays – accessible	x			Concrete		Cubicle width 900mm. Doors proper.	
13	Entry to toilet building		x				Open	
14	Exit to toilet building		x				Open	
15	Menstrual Hygiene facilities	x					Bin present. Kit in Admin office.	
16	Students to WASH ratio	Toilet taps:		Male Grades		-	Female Grades 1-8 (423)	38 : 1
Comments <ul style="list-style-type: none">Block 03 constructed out of concrete slab on ground and block walls for both external & internal load bearing walls. No doors at entry point. Louvre glass on aluminium frame for windows. Lean-to roof with metal cladding and timber framed roof members. Exit corridor 2.0m clear. Natural light and ventilation satisfactory. Separate proper WC cubicle provided for wheel chair accessible student. Ramps formed from Block 02 corridor to ECE Block 08.Block 03 Girls wash room – 7no. water closets, 3no. showers, taps outside.Each student water closet cubicle measured to be 1.6m long by 900mm wide. Whole floor provided with tiles. Wall tiles for shower cubicles.Outside 11no. taps provided on along corridor for general use.Cisterns, shower heads, hand basins and taps well maintained by the school committee.Block 03 walls receiving new coat of paint. Recommendations <ul style="list-style-type: none">Block 03 main roof and timber fascia to receive new paint and gutters to be cleaned.Block 03 trim off branches of nearby trees.								

⁹ Good - No additional works / intervention required

¹⁰ Fair - Remedial works required – min CAT 3 standard

¹¹ Poor - Demolition and replace with new - min CAT 4 standard

¹² Type of structure - Timber/concrete/steel

8) PHOTOGRAPHIC REPORT – BLOCK 03 GIRLS TOILET BLOCK

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 03



01. SHELTERED WALKWAY TO TOILET BLOCK.



02. BACKUP SUPPLY TO HAND WASH POINT.



03. RAMP FROM ECE BLOCK TO TOILET BLOCK.



04. TAPS ALONG TOILET BLOCK CORRIDOR.



05. TREE OVER ROOF.



06. BACK VIEW, WINDOW FOR EACH CUBICLE.

9) VISUAL INSPECTION RESULTS – BLOCK 04 BOYS TOILET BLOCK

Building Index	BLOCK 04					Year built: 1980 (Age: over 40 years old)			
Type:	Boys Toilet block					No. of Levels: 1			
Dimensions	Length (m): 14m		Width (m): 4.5m			Height (m): 3m			
Existing State of Building									
REF. No.	Building Component	Good 33	Fair 34	Poor 35	Structure Type 36	Count 37	Comments		
1	Roof Lining	x			Metal cladding		Roof to receive new paint. No leak.		
2	Roof Structure		x		Timber frame		Connections concealed.		
3	Walls	x			Block wall		No signs of crack. Paint finish.		
4	Floor	x			Concrete		No signs of crack. Tiled finish.		
5	Services – water supply	x					Tapped off WAF main & backup tanks.		
6	Services - electricity	x					Exposed wiring.		
7	Toilet Bays – male	x			Concrete	7	Clean and safe. Fixtures proper.		
8	Toilet Bays – female					-			
9	Toilet Partition between boys and girls.					-			
10	Shower bay - male					0			
11	Shower bay – female					-			
12	Toilet Bays – accessible	x			Concrete		Cubicle width 900mm. Doors proper.		
13	Entry to toilet building		x				Open		
14	Exit to toilet building		x				Open		
15	Menstrual Hygiene facilities					-			
16	Students to WASH ratio	Toilet taps:		Male Grades 1-8 (385)		48:1	Female Grades		-

Comments

- Block 04 constructed out of concrete slab on ground and block walls for both external & internal load bearing walls. No doors at entry point. Louvre glass on aluminium frame for windows. Gable roof with metal cladding and timber framed roof members. Exit corridor 1.5m clear. Natural light and ventilation satisfactory.
- Block 04 Boys wash room – 7no. water closets, 1no. urinal, 3no. taps. More taps outside.
- Block 04 Staff toilet – 1no. water closet, 1no. tap shared amongst all teachers.
- Each student water closet cubicle measured to be 1.6m long by 900mm wide. Whole floor provided with tiles. Wall tiles for shower cubicles.
- Outside 5no. taps provided on the side wall for general use.
- Cisterns, hand basins and taps well maintained by the school committee. One toilet broken.

Recommendations

- Block 04 main roof and timber fascia to receive new paint and gutters to be cleaned.
- Block 04 broken toilet to be replaced.
- Block 04 ceiling to be provided. All wiring for light fixtures to be concealed.

¹³ Good - No additional works / intervention required

¹⁴ Fair - Remedial works required – min CAT 3 standard

¹⁵ Poor - Demolition and replace with new - min CAT 4 standard

¹⁶ Type of structure - Timber/concrete/steel

10) PHOTOGRAPHIC REPORT – BLOCK 04 BOYS TOILET BLOCK

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 04



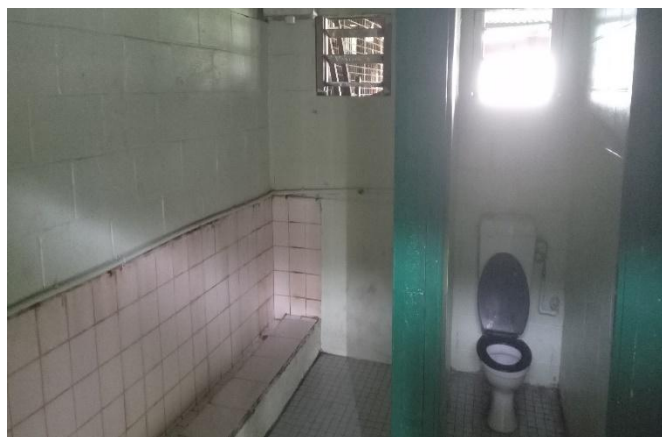
01. FRONT VIEW, SHELTERED WALKWAY TO TOILET.



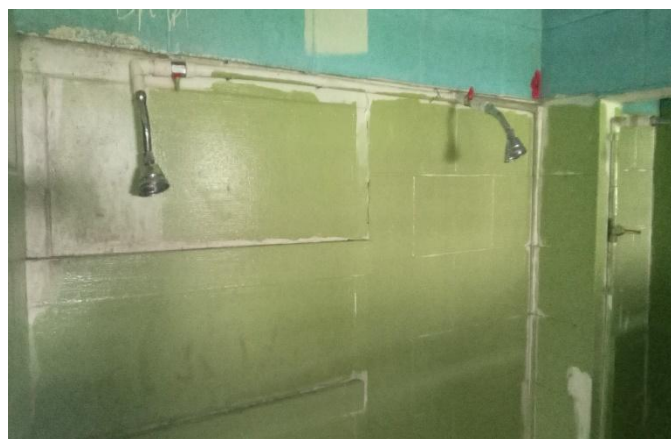
02. GENERAL USE TAPS ON THE SIDE WALL.



03. RAMP FROM ECE BLOCK TO TOILET.



04. URINAL AND WATER CLOSET TYPICAL.



05. OPEN SHOWERS.



06. STAFF TOILET LAYOUT.

11) VISUAL INSPECTION RESULTS – BLOCK 05

Building Index		BLOCK 05				Year built: 1980 (Age: over 40 years old)	
Type:	Ground Floor: Admin Office, 6no. Classrooms, ECE room.					No. of Levels: 1	
Dimensions		Length (m): 52m	Width (m): 7.8, 9.5m			Height (m): 3.4m (GL to eaves)	
Existing State of Building							
REF. No.	Building Component	Good ¹⁷	Fair ¹⁸	Poor ¹⁹	Structure Type ²⁰	Comments	
1	Roof Lining	x			Metal cladding	Paint finish. No leak.	
2	Roof Structure	x			Timber frame	Connections concealed.	
3	Walls	x			Concrete	No signs of crack. Tiled finish.	
4	Columns				-	None	
5	Beams				-	None	
6	Floor	x			Concrete	No signs of crack. Tiled finish.	
7	Handrails				-	None	
8	Walkway(s)	x			Concrete floor	No signs of crack. Bare surface.	
9	Services – water supply	x				Tapped off WAF main road.	
10	Available taps for general use (excl. taps in toilets)	x				7 taps	Student – tap ratio = 42 : 1
11	Services – electricity		x			Wiring exposed. Loose ceiling fixtures.	
12	Services – communication	x				PA system covers whole block. Several safety signs on display.	
13	Drainage	x				Stormwater diverted into nearby drain.	
Comments							
<ul style="list-style-type: none">● Block 05 constructed out of concrete slab on ground and block walls for both external & internal load bearing. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members. Exit corridor 1.7m clear. Natural light and ventilation satisfactory. Classrooms well maintained by school committee. Access is not wheelchair friendly.● Two ceiling fans and four 4 feet light frames per room. Tube light missing for few.● Block 05 consists Year 201, Year 202, Year 302, Year 501, Year 502, Year 701. Total pupils 300.● Outside 7no. taps provided along the corridor for general use.● Block 05 walls and roof recently received new coat of paint.							
Recommendations							
<ul style="list-style-type: none">● Block 05 timber fascia to receive new paint and gutters to be cleaned.● Block 05 all entry door hollow core panels to be replaced with solid core doors and new lock system.● Block 05 requires new fire extinguishers with regular tests. New fire hose reel required to cover timber blocks.● Block 05 classroom loose light frames and ceiling fans to be secured again. Exposed wiring to be secured in conduits. All ceiling fixtures to be cleaned.● Block 05 missing ceiling along corridor to be provided.● Block 05 new room with adequate space for Admin office and HoS office required.● Refer to Table 03 on page 6 for classroom dimension and overcrowding details							

¹⁷ Good - No additional works / intervention required¹⁸ Fair - Remedial works required – min CAT 3 standard¹⁹ Poor - Demolition and replace with new - min CAT 4 standard²⁰ Type of structure - Timber/concrete/steel

12) PHOTOGRAPHIC REPORT – BLOCK 05

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 05



01. FRONT VIEW WITH SHELTERED WALKWAY.



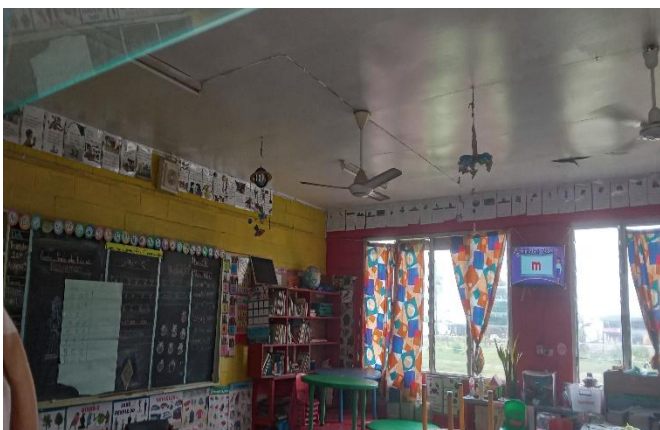
02. CORRIDOR WITH NO CEILING.



03. GENERAL USE TAPS ALONG CORRIDOR.



04. BACK VIEW WITH WINDOWS TO EVERY ROOM..



05. KINDI ROOM WITH CEILING FANS, PA SOUND, LIGHTS & WIRING.



06. YEAR 201 WITH PARTITION BLOCK WALL.

13) VISUAL INSPECTION RESULTS – BLOCK 06

Building Index		BLOCK 06				Year built: 2010 (Age: over 10 years old)	
Type:	Ground Floor: 2no. Classrooms, Office.					No. of Levels: 1	
Dimensions		Length (m): 17.5m	Width (m): 6, 7.7m			Height (m): 4m (GL to eaves)	
Existing State of Building							
REF. No.	Building Component	Good ²¹	Fair ²²	Poor ²³	Structure Type ²⁴	Comments	
1	Roof Lining	x			Metal cladding	Roof to receive new paint. No leak.	
2	Roof Structure		x		Timber frame	Connections concealed.	
3	Walls	x			Timber frame	No signs of split. Paint finish.	
4	Columns				-		
5	Beams	x			Timber frame	No signs of split. Paint finish.	
6	Floor	x			Timber frame	No signs of split. Paint finish.	
7	Handrails	x			Timber rails	Safe height. No damage. Paint finish.	
8	Walkway(s)	x			Timber floor	No signs of split. Bare surface.	
9	Services – water supply				-		
10	Available taps for general use (excl. taps in toilets)				-	1 tap	Student – tap ratio = 100 : 1
11	Services – electricity	x				Wiring & fixtures deemed safe.	
12	Services – communication	x				PA system covers whole block. Several safety signs on display.	
13	Drainage	x				Stormwater diverted into nearby drain.	
Comments							
<ul style="list-style-type: none">● Block 06 constructed out of timber floor framing raised above ground on stumps and timber framed walls for both external & internal partition walls. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members. Exit corridor 1.7m clear. Natural light and ventilation satisfactory. Access into classrooms is not wheelchair friendly.● Each room has four ceiling fans and four 2 feet light frames per room. All wiring concealed in ceiling space. Fixtures in good condition.● Block 06 consists Year 401, Year 402. Total pupils 100. General use 1no. tap available end of corridor.							
Recommendations							
<ul style="list-style-type: none">● Block 06 main roof and timber fascia to receive new paint and gutters to be cleaned.● Block 06 requires new fire extinguishers with regular tests.● Refer to Table 03 on page 6 for classroom dimension and overcrowding details.							

²¹ Good - No additional works / intervention required²² Fair - Remedial works required – min CAT 3 standard²³ Poor - Demolition and replace with new - min CAT 4 standard²⁴ Type of structure - Timber/concrete/steel

14) PHOTOGRAPHIC REPORT – BLOCK 06

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 06



01. FRONT VIEW WITH STORM DOWN PIPES.



02. CORRIDOR WITH RAILING.



03. BACK VIEW WITH WINDOWS TO EACH ROOM.



04. TIMBER SUB FLOOR FRAMING & TIE DOWNS.



05. YEAR 401 FLAT CEILING, FANS & LIGHT FIXTURES.



06. TYPICAL ARRANGEMENT DESKS & CHAIRS.

15) VISUAL INSPECTION RESULTS – BLOCK 07

Building Index		BLOCK 07				Year built: 2017 (Age: over 5 years old)	
Type:	Ground Floor: 3no. Classrooms, Office					No. of Levels: 1	
Dimensions		Length (m): 28m	Width (m): 8, 10m			Height (m): 3m (GL to eaves)	
Existing State of Building							
REF. No.	Building Component	Good ²⁵	Fair ²⁶	Poor ²⁷	Structure Type ²⁸	Comments	
1	Roof Lining	x			Metal cladding	Roof to receive new paint.	
2	Roof Structure	x			Timber frame	Connections concealed.	
3	Walls	x			Block wall	No signs of crack. Paint finish.	
4	Columns				-	None	
5	Beams				-	None	
6	Floor	x			Concrete	No signs of crack. Tiled finish.	
7	Handrails				-	None	
8	Walkway(s)	x			Concrete floor	Corridor links two blocks.	
9	Services – water supply	x				Tapped off WAF main road	
10	Available taps for general use (excl. taps in toilets)	x				5 taps	Student – tap ratio = 32 : 1
11	Services – electricity	x				Wiring & fixtures deemed safe.	
12	Services – communication	x				PA system covers whole block. Several safety signs on display.	
13	Drainage			x		No proper system to divert roof runoff.	
Comments <ul style="list-style-type: none">• Block 07 constructed out of concrete slab on ground and block walls for both external & internal load bearing. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members. Exit corridor 2.0m clear. Natural light and ventilation satisfactory. Classrooms well maintained by school committee. Access is not wheelchair friendly.• Each room has four ceiling fans and eight 2 feet light frames per room. All wiring concealed in ceiling space. Fixtures in good condition.• Block 07 consists Year 601, Year 602, Year 702. Total pupils 160. General use taps and shower cubicles on side wall. Recommendations <ul style="list-style-type: none">• Block 07 main roof and timber fascia to receive new paint and gutters to be cleaned.• Block 07 missing gutters complete with down pipes with proper drainage system to be provided.• Block 07 requires new fire extinguishers with regular tests.• Refer to Table 03 on page 6 for classroom dimension and overcrowding details.							

²⁵ Good - No additional works / intervention required²⁶ Fair - Remedial works required – min CAT 3 standard²⁷ Poor - Demolition and replace with new - min CAT 4 standard²⁸ Type of structure - Timber/concrete/steel

16) PHOTOGRAPHIC REPORT – BLOCK 07

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 07



01. FRONT VIEW WITH SHOWER HEADS ON THE SIDE.



02. TILED CORRIDOR WITH LIGHT FIXTURES.



03. BACK VIEW WITH MISSING STORM DRAIN SYSTEM.



04. TYPICAL LIGHTING & FAN PROVISION FOR EACH ROOM.

17) VISUAL INSPECTION RESULTS – BLOCK 08

Building Index		BLOCK 08				Year built: 2022 (Age: over 2 years old)	
Type:	Ground Floor: 1no. Classroom, Toilet Block					No. of Levels: 1	
Dimensions		Length (m): 9m	Width (m): 6, 8m			Height (m): 3m (GL to eaves)	
Existing State of Building							
REF. No.	Building Component	Good ²⁹	Fair ³⁰	Poor ³¹	Structure Type ³²	Comments	
1	Roof Lining	x			Metal cladding	Painted roof. No leak.	
2	Roof Structure	x			Timber frame	Connections concealed.	
3	Walls	x			Concrete	No signs of crack. Paint finish.	
4	Columns				-	None	
5	Beams				-	None	
6	Floor	x			Concrete	No signs of crack. Epoxy finish.	
7	Handrails				-	None	
8	Walkway(s)				-	None	
9	Services – water supply	x				Tapped off WAF main road	
10	Available taps for general use (excl. taps in toilets)					0 taps	Student – tap ratio = xx : 1
11	Services – electricity	x				Wiring & fixtures deemed safe.	
12	Services – communication	x				PA system covers whole block. Several safety signs on display.	
13	Drainage			x		Incomplete construction.	
Comments <ul style="list-style-type: none">Block 08 constructed out of concrete slab on ground and block walls for both external & internal load bearing. Doors and windows present on lengthwise of the structure. Gable roof with metal cladding and timber framed roof members. Exit corridor 2.0m clear. Natural light and ventilation satisfactory. Classrooms well maintained by school committee. Access is wheelchair friendly.Room has four 4 feet light frames. All wiring concealed in ceiling space. Fixtures in good condition.Block 08 washroom – 4no. water closets, 2no. showers, 2no. taps.Block 08 consists ECE students. Fairly new built structure funded by Embassy of Japan. Finishing works such as roof ancillaries and painting on going.							
Recommendations <ul style="list-style-type: none">Provide ramp access.							

²⁹ Good - No additional works / intervention required³⁰ Fair - Remedial works required – min CAT 3 standard³¹ Poor - Demolition and replace with new - min CAT 4 standard³² Type of structure - Timber/concrete/steel

18) PHOTOGRAPHIC REPORT – BLOCK 08

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	NASINU GOSPEL PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI SCHOOLS	Building Index:	BLOCK 08



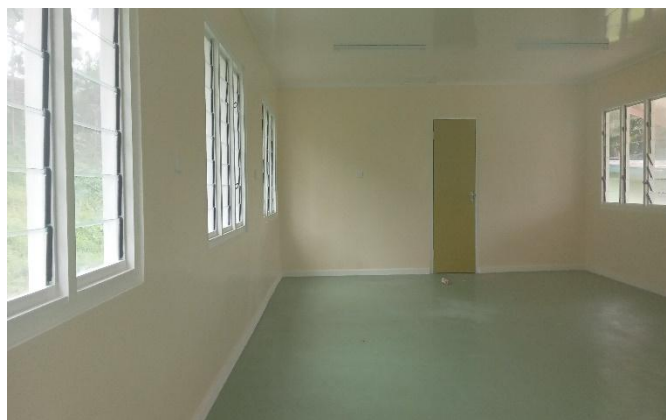
01. NEW ECE BLOCK WITH WASHROOM.



02. ROOF WORKS IN PROGRESS.



03. DRAINAGE WORKS INCOMPLETE.



04. PAINTED ROOM FLOOR, NEW LIGHT FIXTURES.

19) BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS

Building Index	Type	Length (m):	Width (m) :	Height (m) :
Block 01	Ground Floor : Chapel, Library, Canteen First Floor : 2no. Classrooms	20	10, 12	6
Block 02	Ground Floor: 3no. Classrooms	23	6.3, 8	3.4
Block 03	Girls Toilet block	11	5	3
Block 04	Boys Toilet block	14	4.5	3
Block 05	Ground Floor: Admin Office, 6no. Classrooms, ECE room	52	7.8, 9.5	3.4
Block 06	Ground Floor: 2no. Classrooms, Office	17.5	6, 7.7	4
Block 07	Ground Floor: 3no. Classrooms, Office	28	8, 10	3
Block 08	Ground Floor: 1no. Classroom, Toilet Block	9	6, 8	3

Existing State of Building

REF. No.	Building Component	Good ⁴²	Fair ⁴³	Poor ⁴⁴	Structure Type ⁴⁵	Dimensions	Comments
1	Ramps						Conc walkway to all blocks available. No ramps. Only steps. No grab rails at steps.
2	Walkway clearance space					1.4 - 2.0m wide	Sheltered walkway links all blocks.
3	Handrails				Metal / timber	1.0m high	Railing to all structures raised on stumps and first floor for Block 01.
	Doors and Door Size (typical)				Timber Joinery	900mm wide	Step up to all classroom from corridors.
4	Stairway				Concrete	1.2m wide	1no. two level block.

Comments

- All timber built classrooms are on raised stumps. No ramps at point of entry. Steps leading up to corridor.
- Both girls and boys toilet clear opening of each cubicle door is 900mm. Taps for hand wash inside the toilet block is 1.0m high from floor.
- Girls toilet block has one disable toilet cubicle recently built.

⁴² Good - No additional works / intervention required

⁴³ Fair - Remedial works required – min CAT 3 standard

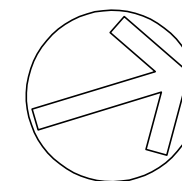
⁴⁴ Poor - Demolition and replace with new - min CAT 4 standard

⁴⁵ Type of structure - Timber/concrete/steel

Appendix B – Excel Scoring Sheet

WEIGHTED CRITERIA		
PART A - CLASSROOM OVERCROWDING (40%)		
1	Classrooms facilitating students beyond room capacity, determined through number of students per classroom and classroom size	
	Poor - most to all classrooms are accommodating students above capacity.	32 to 40
	Criteria Item Score	40
PART B - WASH FACILITIES (20%)		
2	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
2.1	Quality of facilities and current condition such as functionality and maintenance (10%)	
	Good - generally school toilet facilities are maintained well with minimal disturbances from the physical infrastructure to the end users.	0 to 5.9
	Criteria Item Score	15.0
PART C - CONDITION OF INFRASTRUCTURE (20%)		
3	Building structure and condition of walls, floors, ceilings, overall structural integrity (10%)	
	Poor - all building structures need remedial work to improve structural integrity and condition.	8 to 10
3.1	Maintenance and assessment of the upkeep of facilities including painting and repairs (10%)	
	Good - generally school facilities are maintained well with minimal disturbances from the physical infrastructure to the end users.	0 to 5.9
	Criteria Item Score	13.0
PART D - DISABILITY ACCESSIBILITY (10%)		
4	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
	Criteria Item Score	10.0
PART E - DISASTER RESILIENCE (10%)		
5	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
	Criteria Item Score	5.0
TOTAL CRITERIA SCORE		83.0

Appendix C – Land Available for Expansion



NEW TWO LEVEL STRUCTURE TO CONSIST OF 4no 10m BY 8m CLASSROOM FOR TOP FLOOR AND 4no. 10m BY 8m CLASSROOM FOR GROUND FLOOR. TWO STAIRCASE.

NEW ABLUTION BLOCK TO HAVE 14no. WATER CLOSETS, 4no. SHOWER CUBICLES, 4no. TAPS, WASH TUB FOR GIRLS TOILET AND BOYS TO HAVE 6no. WATER CLOSETS, 4no. SHOWER CUBICLES, 4no. TAPS, 1no. URINAL.

NEW DRAIN REQUIRED TO COLLECT UPPER HOUSING RUNOFFS AND COLLECT ROOF STORM WATER FOR BLOCKS 06, 07, 08 AND PROPOSED NEW STRUCTURE.

BLOCK 02 TIMBER STRUCTURE MAY BE REQUIRED TO BE DEMOLISHED AS THE SUB FLOOR STRUCTURE HAS STARTED TO FAIL.



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