INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOLS

RAMBISESSAR CHAUDHARY MEMORIAL PRIMARY SCHOOL (REG 1853)

SUMMARY REPORT

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1) INSPECTION SUMMARY

School Inspection Summary	
School name:	RAMBISESSAE CHAUDARY PRIMARY SCHOOL
Overall condition state:	FAIR
Key recommendations:	
- Overcrowding – 6 new classrooms required based on FNBC standards - Overcrowding – 3 new classrooms required based on recommended sizing (1.5m^2) - WASH – 2 new toilet cubicles required for the male students / 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: • Visible cracks and holes observed on ceilings – signs of leakages (B2, B3) • Excessive hairline cracks on walkways (Ground level at B2, B3) • No window shutters (All rooms at B1, B2, B3, B4 and B5) • Missing louvers at girls' toilets (B5) • Damaged concretes with visible holes (B5) • Deteriorated timber frames (B5) • Chipped off and missing tiles (B5) • Missing ramps (All buildings)	
Aerial view of school	**General view of school**
	   

School type:	**Primary**	✓	**Secondary**		**Year levels**	1,2,3,4,5,6,7,8
School address:	PRINCESS RD, SAWANI					
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)**	
	167	222	0	7	9	
School building arrangement	TOTAL NUMBER OF BUILDINGS: **4** **B1** – 1 STOREY / **B2** – 1 STOREY / **B3** – 2 STOREYS / **B4** – 2 STOREYS / **B5** – 1 STOREY					
Local government area:	PRINCESS ROAD, SAWANI					
Date of inspection:	4TH SEPTEMBER, 2024					
Inspection team:	MERELITA DUMUKURO (MD) DAIANA BOLA (DB) ANISH LAL (AL)					
Data collection methods	Visual inspection	✓	Onsite measurement	✓		
	Interviews with school staff	✓	Drone / aerial imagery	✓		
	Survey form	✓	Desktop research	✓		
	Other:					
Assumptions:						
Limitations:	UNAVAILABILITY OF ALL SCHOOL DOCUMENTS / PROVISION OF ACCESS TO ROOF MANHOLES					

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 6 classrooms are required for Rambisessar Chaudhary Primary School.

Year	Stream	Number of students	Current number of classrooms	Number of extra classrooms required based on FNBC on 2024 data
1	101	35	2	0
	102	31		
2	201	29	2	0
	202	27		
3	301	29	2	0
	302	27		
4	401	31	2	0
	402	35		
5	501	31	2	0
	502	32		
6	601	34	2	1
	602	33		
7	701	34	2	1
	702	34		
8	801	36	2	1
	802	33		

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	19.7	11.0	2.72	1	Concrete building with cladding on timber framed roof structure	- **Ground Floor** – 2 x Classrooms / Hall / 1 x Staff Toilet / 1 x girls' toilet / 1 x boys' toilet
B2	23.8	7.6	2.5	1	Concrete building with cladded Gable roof structure	**- Ground Floor** – 3 x classrooms
B3	50.5	8.5	4.8	2	Concrete building with cladded Gable roof structure	**- Ground Floor** – 3 x classrooms / 1 x Hall **- Top Floor** – 5 x classrooms / 1 x sick bay / 1 x library / 1 computer lab
B4	21.8	7.0	5.22	2	Concrete building with cladded Gable roof structure	**- Ground Floor** – 2 x classrooms / 1 x staff room **- Top Floor** – 2 x classrooms / 1 x administration office / 1 x Principal's office
B5	5.1	3.0	2.45	1	Concrete building with cladded Gable roof structure	**- Ground Floor** – 3 x toilet block

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

Observations on Structural Elements

- **Walls and Ceiling** – Cracks and holes were observed on ceiling of the buildings (B2 and B3). Timber walls of all buildings observed to have few minor wear and tears. Concrete walls require upgrading due to visible holes and cracks observed (B3 & B5)
- **Floors and Foundation** – the floor and foundation for the entire school was observed to be stable. However, excessive hairline cracks observed at B2 & B3 concrete walkways
- **Roofs** – Roof materials were observed to be in fair conditions (Observations were made by use of drone and far visual observations due to no access to roof structure)
- **Windows** – There were missing louvre blades at B2, B3 and B5
- **Earthquake –** Buildings does not exceed 2 storeys for earthquake analysis
- **Cyclone** – All buildings require cyclone window shutters. Due to visible cracks and leakage marks on ceilings on B2 & B3, roof upgrading works is required to ensure the cyclone compliance of the buildings

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. However, few gutters, fascia boards and walls require immediate attention due to its disintegration. The school executes maintenance during the school holidays or when needed.
- **Interior –** the building is in fair condition as the walls, beams, columns windows, doors and ceiling are intact and coated with paint. The classrooms and other rooms were observed to be well maintained with proper disposals, however, few remedial works required on windows, concrete walls and ceilings
- **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. Inadequate supply of fire extinguishers at B4 & B5. Few Fire Extinguishers need maintenance and commissioning. No fire hydrants and alarm systems were found. The school has Emergency exit plan and designated assembly area provided.
- **Electrical Safety –** The school is connected to EFL Grid. The school has surface wiring with a few that were well conduited
- **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 located in the school, in particular the administration office at B4 and computer lab at B3
- **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 not all light fixtures are working.

4) WATER SANITATION HYGIENE (WASH) FACILITIES

Condition of Toilets and Washrooms

Rambisessar Primary school has 2 blocks with toilet facilities. The facilities have some minor defects such as:

- Damaged toilet cisterns
- Damaged concrete walls with exposed pipe works
- Missing louver blades
- Cracked and chipped off floor and wall tiles
- Damaged steel grated drainage

The WASH facilities were not well maintained and, does not comply with the FNBC for toilet numbers for male toilets and complies for female toilets.

The school has one toilet block for all students. 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?
B5	ALL	11	14	20	42	0	2

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?
B5	ALL	0	0	0	0	4	3

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			
B2	Y4s, Y301	4	24	0
B3	ALL	10	39	0
B4	Y1s & Y8s	13	22	0

Note: There are no hand basins in toilets, however, hand basins are outside of female toilets for toilet and general use.

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 roof for all buildings were not accessible for thorough observations and assessments. Therefore, comments and recommendations cannot be stated
- Central Location: The school is located at the outskirts of Nausori town. It is located by the roadside of princess road, however, is a distance from CBD and town area

Structural

- Material Quality: The school buildings are constructed using reinforced concrete and timber. They 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 over the past few years

Non-Structural

- Disaster Preparedness: Implementation of disaster evacuation plans, emergency exit routes, and safety protocols.
- Fire Safety: Inadequate supply of fire extinguishers within the school vicinity. Moreover, current fire extinguishers require servicing

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 were in grouped seating arrangements with little to no space for mobility aids.
   - Laboratories are not able to accommodate students with various disabilities with the absence of ramps to access the Labs (as it is located at top floor of B3)
   - Library require ramps to be accessed as it is located at top floor of B3. Accessible shelving, reading stations, and assistive technology (such as screen readers) to enhance library usability.
   - Restrooms (WASH facilities) are not wheelchair-accessible or have grab bars and sinks at an appropriate height.
   - Common Areas: outdoor spaces 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:**
   - Single door classrooms did not have adequate width of doorways and all doors do not have ramps 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, school grounds, and gathering spaces are in open spaces and quite accessible. However, does not have designated pathways to each area and navigation aid.

7) SUMMARY OF FINDINGS

The following summarizes the individual characteristics assessed during the Suva-Nausori school audit for St. Annes Primary School:

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 – irregular maintenance (especially at B3 & B5) - Safety compliance - not enough fire extinguishers in buildings with expired present fire extinguishers - Disability- no consideration when constructed. - Ventilation and lighting – damaged and missing lights. Missing louvre blades on windows (B2, B4 and B5)	- 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- fire safety (NFA guidelines) and electrical safety compliance - 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 and regular maintenance - Safety compliance- requires adequate number of fire extinguishers and regularly serviced - 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 389 roll/16 classrooms of approximately 25 students per classroom.	- FNBC 1990 requires classroom occupancy to have 2m^2 per person. Based on that, the required roll per classroom was calculated.	- 7/16 classrooms were accommodating more roll than required. - Given the recommended sizing (1.5m^2), about 3 extra classrooms are required to address overcrowding in school.
Water Sanitation Hygiene (WASH) facilities	Toilets (students: Cubicle) - Girls – 20:1 (11 cubicles) - Boys – 42:1 (4 cubicles) Taps (students: tap) - Students – 15:1 (27 taps) - Menstrual Hygiene was present in every female washroom block	Toilets Ratio (students: Cubicle) - Girls – 20:1 (11 cubicles) - Girls – 30:1 (6 cubicles) Taps Ratio (students: tap) - Students – 60:1 (7 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	- The boys toilet ratio exceeded the FNBC requirement indicating not enough toilet cubicles are in the school. Given the roll of boys, a total of 2 extra cubicles are required - The tap ratio was below the FNBC requirement indicating extra taps are in the school. - school require maintenance of replacing missing louvers and replacement of damaged toilet cisterns and taps
Disaster Resilience Assessment	- Columns, beams, slabs had hairline cracks. - Roofs ceilings had signs of leakages - The windows have burglar shutters at some sections and no shutters at all buildings	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.	- Possible leakages to the ceiling could be due to lack of fastening on roof or rusted nails/screws which does not meet cyclone certification requirement requiring replacement. - Absence of cyclone brackets are not acceptable as per the cyclone certification.
Accessibility Assessment	-Handrails observed to be in good conditions apart from peeled off paints with 1m height	**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 and are not compliant: - Ramps and elevators for vertical access - Wider stairways and doorways at WASH facilities and a few classrooms

	- Classrooms and labs have typical door size of 0.76 – 1.1m width. - Stairway – average 0.96m width with average 00mm tread	- Walkway clearance – 1.0m - 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)	- Proper signage - Wheelchair-accessible restrooms - Grab bars - Inclusive seating areas and designated pathways - Proper lighting - Contrasting floor materials for direction guidance

8) RECOMMENDATIONS

- In order to comply with the FNBC, the school will require the following:
  - Classrooms: An additional 6 new classrooms for students in years 1, 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 are required, equipped with up-to-date WASH facilities (handbasins), and upgraded damaged toilet cisterns for both boys' and girls' toilets. These new facilities are essential to ensure hygiene and comfort.

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, fascia boards, gutter and gutter straps.
- Plumbing fixes due to prevent algae build-up.
- New paint application on rails and walls of buildings

These maintenance activities are designed to address existing wear and tear and to ensure that the school buildings remain in good condition structurally and aesthetically. It is recommended that maintenance be carried out at regular intervals, the usual during school holidays would suffice, moreover, weekly checks around the school compound is recommended.

- 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 St. Annes Primary, the following conclusions were drawn:

- **MEHA Compliance:** Non-Compliant
- **WASH Facilities:** Partially compliant. The school has ample number of general use taps. Additional 2 boys toilet cubicles required to comply with FNBC 1990.
- **Land Availability:** Sufficient land availability for additional blocks.
- **NFA Compliance:** Non- compliant with NFA basic guidelines and does not have NFA certification.
- **WAF Compliance:** Adequate water supply, with no backup system of 3 water tanks for water cuts.
- **FNBC Compliance:** Non-compliant. The school does not meet the occupancy requirements as well as the category 5 cyclone standards based on the windows and roofing requirements.
- **NDMO Compliance**: Non-compliant
- **EFL Compliance:** Assumed to be compliant with EFL standards.
- **DISABILITY Accessibility:** Non-compliant

10) APPENDIX

Appendix A – Rambisessar Primary School Site Inspection Report

Appendix B – Rambisessar Scoring Sheet

Appendix C – Land Available for Expansion

Appendix A - Site Inspection Report

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

RAMBISSESSAR CHAUNDRY PRIMARY SCHOOL (1853)

SITE INSPECTION 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 in the year 1959 and is now named in memory of the late Mr. Rambisessar Chaudhary who is the schools land donor and founder. This school was formally known as Sawani Indian school. The school is fed by the students from Sawani, colo-i-suva, Nawitoko, Waila, Qiolevu, Waibau, Vuniniudrovu, Cobette Avenue, Navuso, Nakasi, Nausori, Koronivia. Etc. On the 30th of July, the people and the government of Japan funded and opened a new classroom block consisting of 3 classrooms to accommodate for the yearly enrolment Rambisessar experiences

TABLE 1: SCHOOL DETAILS

NAME OF SCHOOL	RAMBISESSAR CHAUDHARY MEMORIAL PRIMARY SCHOOL
SCHOOL REGISTRATION NUMBER	1853
SCHOOL LOCATION	PRINCESS ROAD, SAWANI
SCHOOL TYPE	PRIMARY SCHOOL
FEEDER SCHOOL	
DATE OF INSPECTION	4TH SEPTEMBER, 2024
MILESTONE	1 (82/ 86 SCHOOLS)
INSPECTED BY (TEAM 3)	MERELITA DUMUKURO (MD)
	DAIANA BOLA (DB)
	ANISH LAL (AL)

TABLE 2: SCHOOL ENROLMENT FIGURES

Year of Enrolment	Number of Students				Students with Disability	Number of Teachers			Comments
	Male	Female	Total (School Data)	Total (FEMIS Data)		Male	Female	Total	
2024	167	222		389	0	7	9	16	• Number of classrooms - 16 • Student to stream is 389 roll / 16 classrooms = 25:1 for 2024 school calendar. • WASH Ratio (Taps) - Total tap counts = 15:1 < 60:1 • WASH ratio (toilets) - Total female's toilet cubicle count = 11 - Female = 20:1 > 20:1 - Total male's toilet cubicle count = 4 - Male = 42:1 > 30:1 • EVACUATION CENTER = YES
2023		271	506		0			16	
2022		269	509		0			16	
2021		279	523		0			16	
2020		267	517		0			16	
2019	274	263	537	523	0			16	

TABLE 3: 2024 CLASSROOM 2024 ENROLLMENT DETAILS (ONLY CLASSROOMS)

GRADE	CLASS NUMBER	TOTAL STUDENT ROLL	NUMBER OF TEACHERS	DIMENSIONS (m)		ACCESS WAY COUNT		OVERCROWDING BASED ON NBC
				LENGTH	WIDTH	NO. OF DOORS	NO. OF WINDOWS	
Kindy	Kindergarten	57	4	7.73	7.7	2	12	☒YES ☐NO
1	101	35	1	7.13	6.87	2	15	☒YES ☐NO
	102	31	1	7.13	6.87	1	15	☒YES ☐NO
2	201	29	1	8.5	6.6	1	20	☐YES ☒NO
	202	27	1	8.5	6.6	1	18	☐YES ☒NO
3	301	29	1	7.7	7.6	2	15	☐YES ☒NO
	302	27	1	8.5	6.6	2	12	☐YES ☒NO
4	401	31	1	7.7	7.6	2	15	☒YES ☐NO
	402	35	1	7.8	7.6	2	15	☒YES ☐NO
5	501	31	1	6.28	7.75	1	17	☒YES ☐NO
	502	32	1	7.1	6.2	1	15	☒YES ☐NO
6	601	34	1	6.2	7.4	1	18	☒YES ☐NO
	602	33	1	6.2	7.4	1	17	☒YES ☐NO
7	701	34	1	6.2	6.15	1	14	☒YES ☐NO
	702	34	1	6.2	7.4	1	22	☒YES ☐NO
8	801	36	1	7.23	6.6	1	15	☒YES ☐NO
	802	33	1	7.2	6.7	1	15	☒YES ☐NO

2) SCHOOL SITE PLAN (DRONE IMAGERY OF SCHOOL)

AERIAL VIEW

LEGEND			
B#	BUIDLINGS	DR#	PONDS/CREEKS/DRAINAGE (SEE DRAWING SHEET)
SCT#	SCHOOL COURT	H#	HOSTELS (N/A)
WC#	STUDENT TOILETS SWC# STAFF TOILET	ST#	STAFF QUARTERS (N/A)
T#	TAP / WASH AREA	F#	DINING/FOOD AREA
WS#	WATER STORAGE FACILITY (5000L Rotomould tank)	EFL#	EFL POSTS/ JUNCTION BOX
SEP#	SEPTIC TANK	CP	CAR PARK (10 PARKING SPACES)
LA#	LAND AVAILABILITY (SEE DRAWING SHEET)	WW/STC	WALKWAY/STAIRCASE

3) VISUAL INSPECTION RESULTS

a) EXISTING BUILDING INFORMATION

TABLE 4: EXITING BUILDING INFORMATION FOR BUILDING AT B1

Building Index	**B1: CLASSROOMS / TOILETS & HALL**				**Year built: 2013 (Age: 11 years old)**	
Type:	➢ **Concrete building with gable & flat sloping roof. Consists of: Ground floor: 2 x Classrooms / Staff & student toilets / Hall**				**No. of Levels: 1**	
Dimensions	**Length (m): 19.7**	**Width (m): 11.0**			**Height (m): 2.72 (up to eaves)**	
Existing State of Building						
REF. No.	**Building Component**	**Good[1]**	**Fair[2]**	**Poor[3]**	**Structure Type[4]**	**Comments**
1	Roof Lining	N/A	N/A	N/A	Steel	Roof was not accessible for thorough visible inspection
2	Roof Structure – Main Building	N/A	N/A	N/A	N/A	Roof structure access not available (N/A) at main building
	Roof Structure – Hall Space				Timber	Timber rafters on timber purlins at Hall space
3	Walls	✓			Concrete	Concrete exterior walls with timber interior partitions.
4	Columns – Main Building	N/A	N/A	N/A	N/A	Columns were not visible for inspection at main building
	Columns – Hall Space	✓			Steel	100mm SHS posts column at Hall space
5	Beams – Main Building	N/A	N/A	N/A	N/A	Beams were not visible for inspection at main building
	Beams – Hall Space				Steel	C-channel steel beams at Hall space
6	Floor – Main Building	✓			Concrete	Concrete flooring with 300sqm tiling at main building.
	Floor – Hall Space	✓			Concrete	Completely concrete exposed. No tiles
7	Handrails	✓			Steel	50mm post handrails of 890mm in height
8	Walkway(s)	✓			Concrete	2.95m clearance walkway
9	Services – water supply		✓		Water Tank	1 x 5000l tank. Weak pressure observed at outlets.
10	Available taps for general use		✓		WAF Outdoor taps	4 nos of taps / Student – tap ratio in building B1 = 14.25 (15):1
11	Services – electricity		✓		EFL	Sufficient supply of electricity into the building.
12	Services – communication (internet)	✓				No internet services into B1
13	Drainage		✓			No open channel drainage observed, however, possible pipe drainage

Comments

- **Visual defects**
  - ➢ Peeled of paint on handrails and column posts
  - ➢ Torn ceiling insulation sheets (Hall area)
  - ➢ Missing light bulbs (Hall space)

Note: There were no major defects observed at B1, however, minor wear and tears were observed.

[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

TABLE 5: BUILDING 2

Building Index	B2: CLASSROOMS				Year built: 2009 (Age: 15 years old)	
Type:	Single Storey concrete building with gable roof. Consists of: ➢ Ground floor – Year 402, Year 401 & Year 301					No. of Levels: 1
Dimensions	Length (m): 23.8	Width (m): 7.6		Height (m): 2.5		

Existing State of Building

REF. No.	Building Component	Good[5]	Fair[6]	Poor[7]	Structure Type [8]	Comments	
1	Roof Lining	N/A	N/A	N/A	Corrugated roofing iron Sheet	Roof was not accessible for thorough visible inspection.	
2	Roof Structure	N/A	N/A	N/A	N/A	Manhole access was not accessible.	
3	Walls	✓			Concrete	Exterior walls are concrete. Interior walls are timber partitions.	
4	Columns	N/A	N/A	N/A	N/A	Members were not visible for inspection and visual observations	
5	Beams	N/A	N/A	N/A	N/A	Members were not visible for inspection and visual observations	
6	Floor		✓		Concrete	Concrete flooring with 300sqm tiles	
7	Handrails	N/A	N/A	N/A	N/A		
8	Walkway(s)		✓		Concrete	2.1m wide clearance walkway	
9	Services – water supply			✓	WAF	There are hand basin taps present at the building but do not have water	
10	Available taps for general use		✓		WAF Outdoor taps	4 nos of taps Used by Y4's & Y301	Student – tap ratio in building two = 23.75/(24): 1
11	Services – electricity	✓			EFL	Sufficient electricity provided by EFL	
12	Services – communication (internet)				TFL	No internet services into B2	
13	Drainage						

Comments

- **Visual defects**
  - Cracks were observed at walkway surface and floor tiles
  - There is no water running at the taps
  - Missing louver blades at a few classrooms
  - Ceiling showed signs of leakage with visible holes and cracks on the surface
  - Few tube lights are missing and not working in a few classrooms

[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

TABLE 6: BUILDING 3

Building Index	B3: Classrooms / Hall / Library / Computer Lab / Sickbay	Year built: xx (Age: xx years old)
Type:	Double storey concrete & timber building with gable roof. Consists of ➢ Ground floor: Hall / Year 301, Y201 & Year 202 ➢ 1st Floor: Y601, Y602, Y501, Y502, Y701, Y702, Computer Lab, Library, Sick Bay	No. of Levels: 2

Dimensions	Length (m): 50.5	Width (m): 8.5	Height (m): 4.8 (up to eaves)

Existing State of Building

REF. No.	Building Component	Good[9]	Fair[10]	Poor[11]	Structure Type [12]	Comments	
1	Roof Lining	N/A	N/A	N/A	Corrugated roofing iron Sheet	Roof was not accessible for thorough visible inspection	
2	Roof Structure	N/A	N/A	N/A	N/A	Manhole access was not accessible.	
3	Walls	✓			Concrete Timber	Exterior concrete walls with timber wall partitions (GF) Exterior timber walls with timber wall partitions (1st Floor)	
4	Columns	✓			Concrete	350 x 320 square columns (GF) 1st floor columns were not visible for inspection	
5	Beams	✓			Concrete	Beams exposed were measured to be 350 x 350 & 250 x 200 in sizes (GF) 1st floor beams were not visible for inspection	
6	Floor		✓		Concrete Timber	Concrete flooring with 300sqm tiles at GF Timber flooring at 1st floor	
7	Handrails		✓		Timber	Handrails are at a height of 1.0m	
8	Walkway(s)	✓			Concrete Timber	Walkway at building 3 is at a width of 2.1m.	
9	Services – water supply		✓		WAF	Adequate water supply into the building backed up with 2 x 5300L water tanks	
10	Available taps for general use		✓		WAF Outdoor taps	No Taps at B3	Student – tap ratio in building B3 = 0:1
11	Services – electricity	✓			EFL	Sufficient power supply into the building provided by EFL	
12	Services – communication (internet)	✓				Sufficient internet speed to computer lab	
13	Drainage	✓				Concrete shallow u-channel drainage	

Comments

- **Visual defects**
  - Peeling off paint interior of building
  - Visible cracks on ground floor walkways
  - Wear and tears on timber floors
  - Missing tube lights
  - No cyclone shutters on windows
  - Damaged concrete on door frame
  - Cracked ceiling with visible holes – signs of leakages

[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

TABLE 7: BUILDING 4

Building Index	B4: Classrooms / Office / Staffroom	Year built: xx (Age: x years old)
Type:	CONCRETE ➢ Ground floor: Y101, Y102 / Staffroom ➢ 1st Floor: Y801, Y802 / Administration & Principals Office	No. of Levels: 2

Dimensions	Length (m): 21.8	Width (m): 7.0	Height (m): 5.22

Existing State of Building

REF. No.	Building Component	Good[13]	Fair[14]	Poor[15]	Structure Type [16]	Comments	
1	Roof Lining	N/A	N/A	N/A	Corrugated roofing iron Sheet	Roof was not accessible for thorough visible inspection.	
2	Roof Structure	N/A	N/A	N/A	N/A	Manhole access was not accessible.	
3	Walls	✓			Concrete Timber	Exterior concrete walls with concrete & timber wall partitions	
4	Columns	✓			Concrete	300 x 300 concrete columns	
5	Beams	✓			Concrete	300 x 450 concrete beams	
6	Floor	✓			Concrete	Concrete flooring with 300sqm tiles	
7	Handrails	✓			Steel	Handrails at staircases at a height of 1.0m.	
8	Walkway(s)	✓			Concrete Timber	Walkway at building 3 is at a width of 2.56m.	
9	Services – water	✓			WAF	Adequate water supply into the building.	
10	Available taps for general use		✓		WAF Outdoor taps	13 no.s of taps Used by Y8s & Y1s	Student – tap ratio in building B3 = 184:1
11	Services – electricity	✓			EFL	Sufficient power supply to the building	
12	Services – communication (internet)	✓			TFL	Sufficient internet speed to school office	
13	Drainage	✓				Concrete shallow u-channel drainage	

Comments

- **Visual defects**
  - Minor wear and tear on internal parts building
  - Visible cracks on ground floor walkways
  - Classrooms and missing tube lights
  - No cyclone shutters on windows

[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

TABLE 8: BUILDING 5

Building Index	B4: Classrooms / Office / Staffroom		Year built: 2022 (Age: 2 years old)
Type:	Single storey concrete building. Consists of: ➢ Ground floor: Female toilets / Male Toilets / Tap area		No. of Levels: 1
Dimensions	Length (m): 5.1	Width (m): 3.0	Height (m): 2.45

Existing State of Building

REF. No.	Building Component	Good[17]	Fair[18]	Poor[19]	Structure Type [20]	Comments
1	Roof Lining	N/A	N/A	N/A	Corrugated roofing iron Sheet	Roof was not accessible for thorough visible inspection.
2	Roof Structure	N/A	N/A	N/A		Manhole access was not accessible.
3	Walls	✓			Concrete	Exterior concrete walls with concrete wall partitions
4	Columns	N/A	N/A	N/A		Columns were not visible for inspection
5	Beams	N/A	N/A	N/A		Beams were not visible for inspection
6	Floor	✓			Concrete	Concrete flooring with 300sqm tiles
7	Handrails	✓			Steel	Handrails at a height of 930mm.
8	Walkway(s)	✓			Concrete	Walkway at building 3 is at a width of 1.3m
9	Services – water	✓			WAF	Adequate water supply into the building.
10	Services – electricity	✓			EFL	Sufficient power supply to the building
11	Services – communication (internet)	N/A	N/A	N/A		No internet used in B5
12	Drainage		✓			Open earth channel drainage

Comments

- **Visual defects**
  - Algae build up on with damaged brackets on gutters
  - Damaged guttering downpipe
  - Peeling off paint with wear and tear on building structure (Exterior & Interior)
  - Chipped off and cracked floor and wall tiling
  - Deteriorated timber frames on building structure
  - Damaged concrete with exposed pipework's
  - Missing louvres
  - No cyclone shutters on windows

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

b) EXISTING BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS

TABLE 9: EXISTING BUILDING ACCESS INFORMATION FOR DISABILITY AUDITS AT B1

Building Index	**B1**						
Type:	➢ **Concrete building with gable & flat sloping roof. Consists of: Ground floor: 2 x Classroom / Staff & student toilets**						**No. of Levels: 1**
Dimensions	**Length (m): 7.8**		**Width (m): 3.3**			**Height (m): Approx. 2.7 (up to eaves)**	
Existing State of Building							
REF. No.	**Building Component**	**Good [21]**	**Fair[22]**	**Poor[23]**	**Structure Type [24]**	**Dimensions (m)**	**Comments**
1	Ramps			✓	N/A	N/A	No ramps on site
2	Walkway clearance space	✓			Concrete	2.95	Located along one side of the building (Entry side)
3	Handrails	✓			Steel	0.89	
4	Doors and Door Size (typical)		✓		Timber	0.88	Exterior & Interior Door
5	Stairway		✓		Concrete	1.3	310mm - 350mm tread

Comments

Ramps

- Absence of ramps throughout the building.

Handrails

- Paint peeling off.

Doors and Door Size (typical)

- Not accommodating to wheelchair users who require a minimum of 1m clearance.

Stairway

- Meets the required clearance required of 1.2m and tread width of minimum 310mm. (National Building Code Table D2.1). However, not accessible to wheel chair users.

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

TABLE 10: EXISTING BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS AT B2

Building Index	B2		
Type:	Single Storey concrete building with gable roof. Consists of: ➢ Ground floor – Year 402, Year 401 & Year 301		No. of Levels: 2
Dimensions	Length (m): 23.8	Width (m): 7.6	Height (m): Approx. 2.5 (up to eaves)

Existing State of Building

REF. No.	Building Component	Good [25]	Fair [26]	Poor [27]	Structure Type [28]	Dimensions (m)	Comments
1	Ramps	N/A	N/A	N/A	N/A		No ramps on site
2	Walkway clearance space		✓		Concrete	2.1	Located along one side of the building. Entry side
3	Handrails	N/A	N/A	N/A	N/A		No handrails at B2
4	Doors and Door Size (typical)		✓		Timber	0.89	Exterior Doors
5	Stairway	N/A	N/A	N/A	N/A		No staircase at B2

Comments

Ramps

- Absence of ramps throughout the building.

Handrails

- No handrails throughout the building

Doors and Door Size (typical)

- Does not accommodate for wheelchair users for all classrooms who require a minimum of 1m clearance.

Stairway

- No staircase throughout the building

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

TABLE 11: EXISTING BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS AT B3

Building Index	B3		
Type:	Double storey concrete & timber building with gable roof. Consists of ➢ Ground floor: Hall / Year 301, Y201 & Year 202 ➢ 1st Floor: Y601, Y602, Y501, Y502, Y701, Y702, Computer Lab, Library, Sick Bay		No. of Levels: 2
Dimensions	Length (m): 50.5	Width (m): 8.5	Height (m): Approx. 4.8 (up to eaves)

Existing State of Building

REF. No.	Building Component	Good [29]	Fair [30]	Poor [31]	Structure Type [32]	Dimensions (m)	Comments
1	Ramps				N/A	N/A	No ramps on site
2	Walkway clearance space		✓		Concrete / Timber	2.1	
3	Handrails		✓		Timber	1.0	Vertical timber plank handrails
4	Doors and Door Size (typical)		✓		Timber	0.76-0.84 1.1 – 1.9	Single doors Double doors
5	Stairway		✓		Concrete	0.97	250mm – 300mm tread

Comments

Ramps

- Absence of ramps throughout the building.

Handrails

- Railings are at an adequate height

Doors and Door Size (typical)

- Not accommodating to wheelchair users who require a minimum of 1m clearance for classrooms with single doors, however, meets the requirement for classrooms with double doors.

Stairway

- Does not meet the required clearance required of 1.2m and tread width of minimum 310mm. (National Building Code Table D2.1).

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

TABLE 12: EXISTING BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS AT B4

Building Index	**B4**		
Type:	**Double Storey Concrete building. Consists of:** ➢ **Ground floor: Y101, Y102 / Staffroom** ➢ **1st Floor: Y801, Y802 / Administration & Principals Office**		**No. of Levels: 2**
Dimensions	**Length (m): 21.8**	**Width (m): 7.0**	**Height (m): Approx. 5.2 (up to eaves)**

Existing State of Building

REF. No.	Building Component	Good [33]	Fair[34]	Poor[35]	Structure Type [36]	Dimensions (m)	Comments
1	Ramps			✓	N/A	N/A	No ramps on site
2	Walkway clearance space	✓			Concrete	2.56	Located on entry side of the building
3	Handrails	✓			Steel	1.0	
4	Doors and Door Size (typical)		✓		Timber	0.77 – 0.80	Interior Doors Exterior Doors
5	Stairway		✓		Concrete	0.90	270mm tread

Comments

Ramps

- Absence of ramps throughout the building.

Handrails

- Railings are at an adequate height

Doors and Door Size (typical)

- Not accommodating to wheelchair users who require a minimum of 1m clearance.

Stairway

- Not accessible to disable students. Clearance required of 1.2m and tread width of minimum 310mm. (National Building Code Table D2.1)

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

TABLE 13: EXISTING BUILDING AND TOILET BLOCKS ACCESS INFORMATION FOR DISABILITY AUDITS AT B5

Building Index	B5		
Type:	Double Storey Concrete building. Consists of: ➢ Ground floor: Y101, Y102 / Staffroom ➢ 1st Floor: Y801, Y802 / Administration & Principals Office		No. of Levels: 2
Dimensions	Length (m): 21.8	Width (m): 7.0	Height (m): Approx. 5.2 (up to eaves)

Existing State of Building

REF. No.	Building Component	Good [37]	Fair[38]	Poor[39]	Structure Type [40]	Dimensions (m)	Comments
1	Ramps			✓	N/A	N/A	No ramps on site
2	Walkway clearance space	✓			Concrete	2.56	Located on entry side of the building
3	Handrails	✓			Steel	1.0	
4	Doors and Door Size (typical)		✓		Timber	0.77 – 0.80	Interior Doors Exterior Doors
5	Stairway		✓		Concrete	0.90	270mm tread

Comments

Ramps

- Absence of ramps throughout the building.

Handrails

- Railings are at an adequate height

Doors and Door Size (typical)

- Not accommodating to wheelchair users who require a minimum of 1m clearance.

Stairway

- Not accessible to disable students. Clearance required of 1.2m and tread width of minimum 310mm. (National Building Code Table D2.1)

[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

c) TOILET BLOCKS (GIRLS)

TABLE 14: TOILET BLOCK (B1)

Building Index	**B1– Toilet Facilities in Building 1**		
Type:	**CONCRETE** • **Ground floor: 1 x toilet blocks/room. Consists of:** o Staff Toilet o Students Toilet Block (Male & Female)		**No. of Levels: 1**
Dimensions	**Length (m): 7.8**	**Width (m): 2.25**	**Height (m): 2.4**

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	3 cubicles
2	Toilet Bays – female	✓			Concrete	3	3 cubicles
4	Shower bay	✓			Concrete	1	1 shower bay in between male and female cubicles
5	Toilet Bays – accessible	✓					Toilet bays are accessible
6	Entry to toilet building	✓				1	No entry and exit door
7	Exit to toilet building	✓				1	No entry and exit door
8	Menstrual Hygiene facilities					0	
9	Students to **WASH** ratio	Toilet taps: 15:1		Male	Male rolls were not provided	Female	Female rolls were not provided

Comments

- Damaged light bulbs
- No cyclone shutters on windows
- Peeling off paint on cubicle doors

[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

TABLE 15: TOILET BLOCK (B5)

Building Index	B1– Toilet Facilities in Building 1		
Type:	**CONCRETE** • **Ground floor: 3 x toilet blocks/room. Consists of:** o Students Toilet Block (Male & Female)		**No. of Levels: 1**
Dimensions	**Length (m): 7.8**	**Width (m): 2.25**	**Height (m): 2.4**

Existing State of Building

REF. No.	Building Component	Good[46]	Fair[47]	Poor[48]	Structure Type [49]	Count[50]	Comments
1	Toilet Bays –male		✓		Concrete	4	4 cubicles and 1 urinal
2	Toilet Bays – female		✓		Concrete	11	11 cubicles
4	Shower bay		✓		Concrete	2	1 shower in female toilets 1 shower in male toilets
5	Toilet Bays – accessible	✓					Toilet bays are accessible
6	Entry to toilet building		✓			1	One door shared as entry and exit
7	Exit to toilet building		✓			1	One door shared as entry and exit
8	Menstrual Hygiene facilities		✓		Plastic bin	2	Menstrual bin placed in female toilets
9	Students to **WASH** ratio	Toilet taps: 15:1		Male	41.75(42):1	Female	20.18(20):1

Comments

- Damaged light bulbs
- Missing louvre blades
- Peeled off paint on toilet doors
- Damaged toilet cisterns
- Cracked concrete with visible holes
- Cracked and missing tiles
- Deteriorating timber door frames and ceiling frames
- Damaged grated steel drainage (Holes on gratings)
- Few taps not working or missing turning knobs

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

4) PHOTOGRAPHIC REPORT

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

PHOTOGRAPH No. 1: FRONT

PHOTOGRAPH No. 2: RIGHT SIDE

PHOTOGRAPH No. 3: ROOF STRUCTURE (HALL SPACE)

PHOTOGRAPH No. 4: ROOF LINING ON BUILDING ONE

PHOTOGRAPH No. 5: INTERIOR PHOTO (KINDY CLASSROOM)

PHOTOGRAPH No. 6: WASH FACILITIES

PHOTOGRAPH No. 7 – INTERIOR PHOTO
Shown here is the typical kindergarten classroom

PHOTOGRAPH No. 8 – INTERIOR PHOTO
Shown here is the Hall space

PHOTOGRAPH No. 9 – WASH FACILITY
Shown here is the typical students toilet

PHOTOGRAPH No. 10 – WASH FACILITY
Shown here is the taps

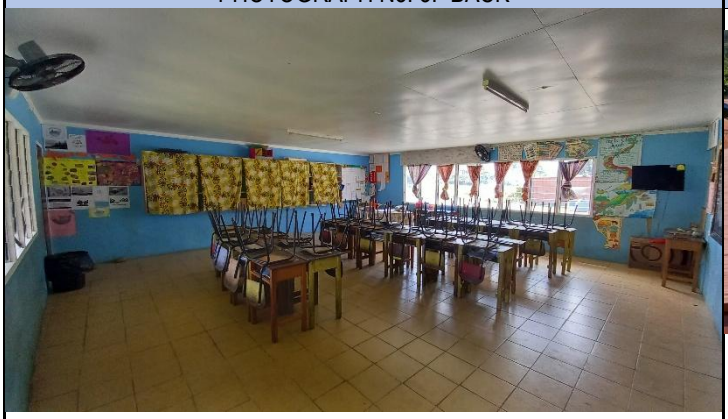
Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	RAMBISESSAR CHAUDHARY PRIMARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.	Building Index:	B2

PHOTOGRAPH No. 1: FRONT

PHOTOGRAPH No. 2: LEFT SIDE

PHOTOGRAPH No. 3: BACK

PHOTOGRAPH No. 4: RIGHT SIDE



PHOTOGRAPH No. 5: INTERIOR VIEW.
Shown here is Year 4 Classroom at Level 2.

PHOTOGRAPH No. 6: ROOF LINING

	
PHOTOGRAPH No. 9: TAPS FOR GENERAL USE	PHOTOGRAPH No. 10: DEFECTS Shown here is a damaged ceiling from leakages

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

PHOTOGRAPH No. 1: FRONT ELEVATION

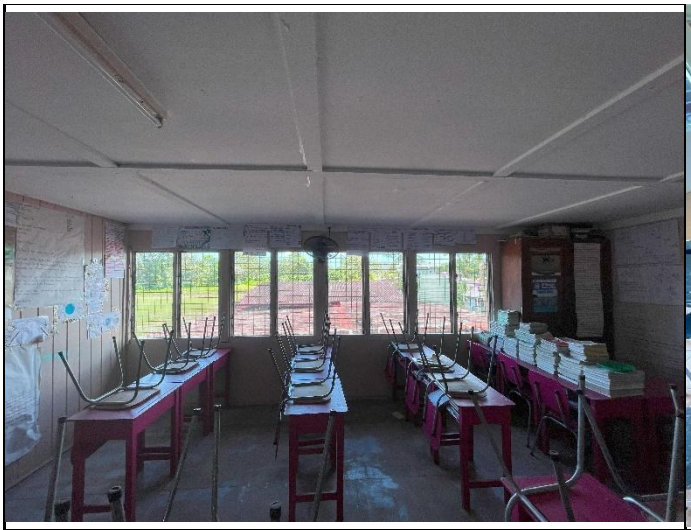
PHOTOGRAPH No. 2: LEFT ELEVATION

PHOTOGRAPH No. 3: RIGHT ELEVATION

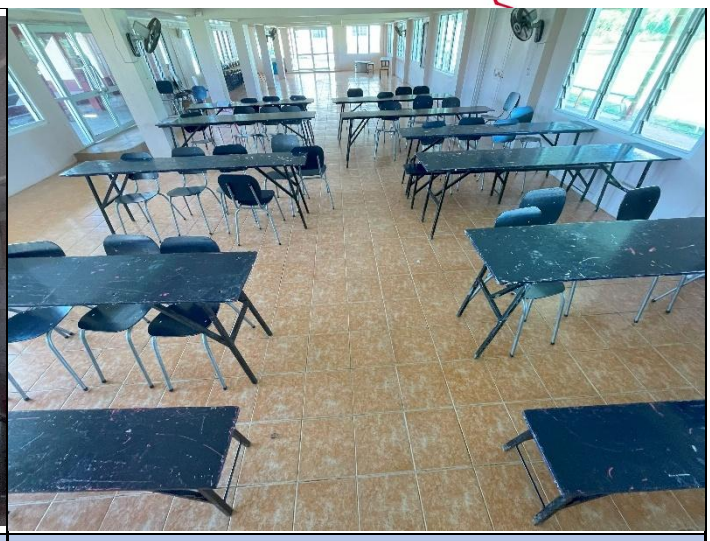
PHOTOGRAPH No. 4: ROOF LINING

PHOTOGRAPH No. 5: ROOF LINING

PHOTOGRAPH No. 6: INTERIOR VIEW (Y202 CLASSROOM GF)



PHOTOGRAPH No. 7: INTERIOR VIEW (Y701 CLASSROOM TF)



PHOTOGRAPH No. 8: INTERIOR VIEW (HALL)

PHOTOGRAPH No. 9: DEFECTS
Shown here is a visible hole on ceiling possibly due to leakages

PHOTOGRAPH No. 10: DEFECTS
Shown here is a damaged concrete along door frame

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

PHOTOGRAPH No. 1: FRONT ELEVATION

PHOTOGRAPH No. 2: BACK ELEVATION

PHOTOGRAPH No. 3: ROOF LINING

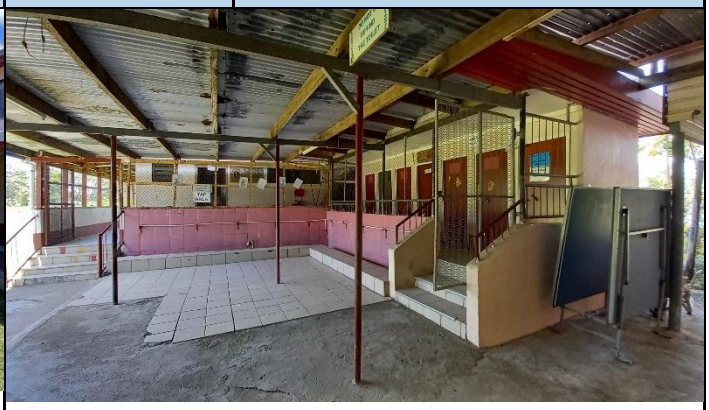
PHOTOGRAPH No. 4: INTERIOR VIEW (YR101 CLASSROOM GF)

PHOTOGRAPH No. 5: INTERIOR VIEW (YR802 CLASSROOM TF)

PHOTOGRAPH No. 6: WASH FACILITIES

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

PHOTOGRAPH No. 1: FRONT ELEVATION



PHOTOGRAPH No. 2: RIGHT ELEVATION

PHOTOGRAPH No. 3: BACK ELEVATION

PHOTOGRAPH No. 4: LEFT ELEVATION

PHOTOGRAPH No. 5: WASH FACILITY (TYPICAL TOILET)

PHOTOGRAPH No. 6: WASH FACILITY (TAPS)

	
PHOTOGRAPH No. 9: DEFECTS Shown here is a damaged cistern	PHOTOGRAPH No. 10: DEFECTS Shown here is a deteriorated timber door frame

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%)**		
	Fair - school toilet 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		**16.0**
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%)**		
	Good - generally school facilities are maintanined well with minimal disturbances from the physical infrastructure to the end users.	0 to 5.9	**5**
	Criteria Item Score		**10.0**
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

LEGENDS

B#	BUILDINGS
PG#	PLAYGROUND
WC#	TOILETS
T#	TAP/ WASH AREAS
WS#	WATER STORAGE FACILITY
SEP#	SEPTIC TANK
LA#	LAND AVAILABILITY
DR#	PONDS/CREEKS/DRAINAGE
H#	HOSTELS
ST#	STAFF QUARTERS
F#	DINING/FOOD AREA
EFL#	EFL POSTS/JUNCTION BOX
CP#	CAR PARK
WW#	WALKWAY

NOTE:

SCALE: NOT TO SCALE

Australian Government
Department of Foreign Affairs and Trade

TETRA TECH

Disasters DO Happen
Are YOU Prepared?

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