INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOLS

ST JOSEPH'S SECONDARY SCHOOL (REG 2319)

SUMMARY REPORT

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1) INSPECTION SUMMARY

School Inspection Summary	
School name:	ST JOSEPH'S SECONDARY SCHOOL
Overall condition state:	GOOD

Key recommendations:

- Overcrowding – 6 new classrooms required based on FNBC standards
- WASH – 9 new toilet cubicles required for females.
- 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:

- Worn out paint on Roof Cladding at B1.
- Rear steel platform at B1 were severely corroded.
- Poor ventilation at GF of B1.

Aerial view of school

General view of school

School type:	**Primary**		**Secondary**	✓	**Year levels**	9, 10, 11, 12 and 13.
School address:	394 WAIMANU ROAD, SUVA					
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)**	
	N/A	572	4	9	24	
School building arrangement	TOTAL NUMBER OF BUILDINGS: 4 **B1** – 2 STOREY / **B2**– 3 STORY / **B3** – 2 STOREYS / **B4** – 2 STOREYS					
Local government area:	REWA STREET, SAMABULA					
Date of inspection:	7TH JUNE, 2024					
Inspection team:	DONNIS KAINAMOLI (DK) MERELITA MAUITOGA (MM) ERONI AISAKE (EA)					
Data collection methods	Visual inspection	✓	Onsite measurement	✓		
	Interviews with school staff	✓	Drone / aerial imagery	✓		
	Survey form	✓	Desktop research	✓		
	Other:					
Assumptions:	ROOF MEMBERS ASSUMED TO BE TIMBER AS IT WAS CONCEALED UPON INSPECTION.					
Limitations:	UNAVAILABILITY OF ALL SCHOOL DOCUMENTS SUCH AS BOUNDARY AREA. ROOF MEMBERS COULD NOT BE ASSESSED DUE TO NO MANHOLE.					

2) ASSESSMENT OF OVERCROWDING

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

The results of the assessment are based on the recommended sizing (1.5m^2), according to 2024 data, an additional 1 classroom is required for year 12 for St Joseph's Secondary School.

Year	Stream	Number of students	Current number of classrooms	Number of extra classrooms required based on FNBC on 2024 data (per stream)
9	9A	42	1	0
	9B	42	1	
	9C	42	1	
10	10D	43	1	0
	10E	41	1	
	10F	43	1	
11	11A	34	1	0
	11S	34	1	
	11C	34	1	
12	12A	42	1	1
	12S	40	1	
	12C	40	1	
13	13A	33	1	0
	13S	33	1	
	13C	29	1	

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	41.64	8.80	5.95	2	Concrete with cladding on timber framed roof structure	**Ground Floor (GF):** Home Economic Sewing Room 2, PE/Art Room, Music Room, and Staff Men Room **First Floor (FF):** Chemistry Lab, Biology Lab, Physics Lab, Student Female Toilets and Staff Female Toilets.
B2	32.78	10.50	6.75	3	Concrete with cladding on timber framed roof structure	**Ground Floor (FL):** Handyman Storage Room. **First Floor (FF):** Home Economics Food Room, Home Economics Sewing 1, School Office and 10x Classrooms. **Second Floor (SF):** Library, Staff Room.
B3	28.5	21	5.50	2	Concrete with cladding on timber framed roof structure	**Ground Level (GL):** Ablution/ Classroom and Staffroom **First Level (FL):** 5xClassrooms.
B4	21.0	6.20	3.00	2	Concrete with cladding on timber framed roof structure	**Ground Floor (GF):** Hall **First Floor (FF):** Computer Labs / Prayer Room and Common Area.

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** – The walls and ceilings are in good condition. In B2, there are leakage stains on the ceiling board, which the school indicated were due to a previous roof leak. However, the school has since carried out repairs.
- **Floors and Foundation** – Buildings with concrete flooring were satisfactory, however, tiles were not non-slip that could be hazard when wet.
- **Roofs** – It was assumed that the roods were timber, however, it was concealed upon inspection. Roof Cladding was satisfactory, minor defects such as worn-out paint.
- **Windows** – Windows were push out windows with not shutters.
- **Earthquake –** Not Applicable
- **Cyclone** – A detailed investigation is required for the existing roofs and B4 as the structure is mainly concrete and glazed around. However, concrete structures are compliant to withstanding wind loadings.

Existing Conditions of Building and Maintenance

- **Exterior –** the exterior of the buildings is in good condition.
- **Interior –** the building is in good condition as the walls, beams, columns windows, doors and ceiling are satisfactory. The classrooms were found to be clean with proper waste disposal, however, structure is inadequate.
- **Furniture and Fixtures –** the classrooms and offices have adequate furniture and fixtures that do not impede on the function of the buildings.

Safety and compliance with standards

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

Lighting and Ventilation

- **Ventilation –** HVAC system (Heating, Ventilation, and Air Conditioning) is centrally located in the school, in particular, offices and Computer Labs.
- **Natural Lighting –** there are adequate number of windows installed in classrooms, that are regularly cleaned to allow natural light to enter into classrooms unobstructed.
- **Artificial Lighting –** it was found that not all light fixtures are working and provides adequate illumination.

4) WATER SANITATION HYGIENE (WASH) FACILITIES

Condition of Toilets and Washrooms

St Joseph's Secondary School has 2 blocks with toilet facilities. The facilities have some minor defects such as:

- The tiles are not non-slip, which could result in potential accidents.

The WASH facilities were clean and regular maintenance was evident. The Female toilet cubicles do not comply with the FNBC for toilet numbers. 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).
	Female	Female	Female Requirement (1:20) Extra Toilets?
	20	29	9

HAND BASINS IN THE TOILET	No. of Hand Basins	Handbasin Ratio (1 cubicle: students)	Compliance of Student to Toilet Cubicle Ratio (FNBC).
	Female	Female	Female Requirement (1:60) Extra Handbasins?
	10	57	0

GENERAL OUTDOOR TAPS	No. of General Outdoor Taps	Outdoor Taps Ratio 1:	Compliance of Student to Outdoor Taps Ratio Requirement (1:60) (FNBC) Does it require additional hand basins?
	19	30	0

5) DISASTER RESILIENCE ASSESSMENT

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

Architectural

- Cyclonic Roof: It cannot be confirmed whether the roofs comply with wind load requirements, as they were concealed during the inspection. However, the concrete structures are compliant, while B4, which includes concrete and glazing, may require proper shutters and detailed assessment.
- Central Location: The school is centrally located, allowing easy access to main streets and relief services.

Structural

- Material Quality: The school buildings are constructed using concrete members and do follow the engineering design principles for the timber structures.
- Structural Integrity: The buildings may be able to withstand or recover from natural disasters such as earthquakes, Category 3 cyclones, and floods.

Non-Structural

- Disaster Preparedness: Implementation of disaster evacuation plans, emergency exit routes, and safety protocols.
- Fire Safety: Not equipped with a fire alarm system, but strategically placed fire extinguishers and fire blanket to mitigate fire-related risks at required areas. The existing fire extinguishers need to be need maintenance and commissioned.

6) ACCESSIBILITY ASSESSMENT

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

2. **Facilities for Students with Disabilities:**

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

3. **Access to Classrooms, WASH Facilities, and Common Areas:**

   - Classrooms do not have wide doorways and 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, courtyards, and gathering spaces are not barrier-free and are without proper lighting and contrasting floor materials to aid navigation.

SUMMARY OF FINDINGS

The following summarizes the individual characteristics assessed during the Suva-Nausori school audit for St Joseph's Secondary School:

Categories of Assessment	Existing Condition / State	Required as per Standards	Gaps Observed
Existing Infrastructure Condition	- Structural Integrity – The school's structural integrity is good. - General upkeep –Regular Maintenance is evident. - Safety compliance- Handrails were provided for the double storey structure only. Handrailing at B1 FF at the rear severely corroded and therefore, unsafe. - Disability- no consideration when constructed. - Ventilation and lighting – Ventilation and lighting are adequate in most rooms; however, in B1 Ground Floor, it was observed that the ventilation was poor.	- Structural Integrity – the timber frame buildings require to be in accordance with the FNBC 1990 and AS/NZSV1170.2:2021. - General upkeep –routine check-up 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 – The timber structures are to follow FNBC 1990 and also with AS/NZS1170.2:2021. - General upkeep –No comment. - Safety compliance- safety handrails were present. FDPF requires signage which was absent from the school. - Disability- not fully compliant with FDPF Disability audit tool - Ventilation and lighting – more ventilation is required for B1 GF.
Assessment of Overcrowding	- The classrooms are accommodating an average of 572 roll/15classrooms of 38 students in average.	- FNBC 1990 requires classroom occupancy to have $2m^2$ per person. Based on that, the required roll per classroom was calculated.	- One classroom was accommodating more roll than the required FNBC standard. - Given the recommended sizing ($1.5m^2$), about 1 extra classrooms are required to address overcrowding in school.
Water Sanitation Hygiene (WASH) facilities	Toilets (students: Cubicle) - Female – 29:1 (20 cubicles) Taps (students: tap) - Students – 30:1 (19 taps) - Menstrual Hygiene was present in every female washroom block	Toilets Ratio (students: Cubicle) - Female – 20:1 (29 cubicles) Taps Ratio (students: tap) - Students – 60:1 (10taps) **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 Female toilet ratio was not in par with the FNBC 1990 ratio. This may hinder later on with growing population. - The female student toilet ratio exceeded the FNBC requirement indicating not enough toilet cubicles are in the school. Given the roll, a total of 9 extra cubicles is required. - The outdoor tap ratio was below the FNBC requirement indicating that no additional taps are required in the school.
Disaster Resilience Assessment	The concrete structures were in good condition and can be believed to withstand cyclonic winds. However, a proper inspection for the roofs is required.	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.	- Absence of cyclone brackets are not acceptable as per the cyclone certification. - Existing roof and timber wall members require thorough investigation and analysis.
Accessibility Assessment	-Handrails for double story 0.90-1m high. - Classrooms and labs have typical double doors of 1.5m width.	**The following are requirements from Fiji Disabled People's Federation Access Audit Tool** - Ramps – required wherever elevation with minimum 1:8 maximum 1:20 - Walkway clearance - minimum 1.8m.	The following facilities are missing. - Ramps and elevators for vertical access - Proper signage - Wheelchair-accessible restrooms - Grab bars - Proper signage

	- Walkway – 1m – 3.1m wide.	- 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)	- Inclusive seating areas and pathways - Proper lighting - Contrasting floor materials

7) RECOMMENDATIONS

- In order to comply with the FNBC, the school will require the following:
  - Classrooms: An additional 6 new classrooms for students in years 9 to 13. This expansion aims to accommodate the growing number of students and provide them with an enhanced learning environment.
- WASH Facilities: An additional 9 cubicles for the females s are required, equipped with up-to-date WASH facilities (handbasins), catering particularly to the needs of female students. These new facilities are essential to ensure hygiene and comfort.

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

- Roof Cladding Maintenance.
- Toilet Maintenance.

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

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

8) COMPLIANCE

Upon inspecting St Joseph's Secondary School, the following conclusions were drawn:

- **MEHA Compliance:** Compliant.
- **WASH Facilities:** The school does not require additional outdoor taps for general use. However, additional 9 female toilet cubicles to comply with FNBC 1990.
- **Land Availability:** There is sufficient land for additional building. However, the school has advised, that expansion is not required.
- **NFA Compliance:** Compliant with NFA basic guidelines but does not have NFA certification.
- **WAF Compliance:** Adequate water supply, with backup system for water cuts such as water tanks only for the ablution usage and not for consumption.
- **FNBC Compliance:** The school is not fully compliant with the occupancy and structural requirements as well as the category 5 cyclone standards based on the entire structure, windows and roofing requirements.
- **NDMO Compliance**: Targeting NFA and FNBC compliance for safety.
- **EFL Compliance:** Assumed to be compliant with EFL standards.
- **DISABILITY Accessibility:** non-compliant

9) APPENDIX

Appendix A – St Joseph's Secondary School Site Inspection Report

Appendix B – Excel Scoring Sheet

Appendix C – Land Available for Expansion

Appendix A - Site Inspection Report

INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOL

ST JOSEPH'S SECONDARY SCHOOL (REGISTRATION NUMBER: 2319)

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
CGI	Corrugated Roofing Iron

1) SCHOOL BACKGROUND

The history of Saint Joseph's Secondary School began in 1888 when the sisters of St. Joseph of Cluny arrived in Suva to provide Catholic education for young women. They initially established St. Joseph's Convent School, which later expanded to include a secondary department called St. Philomena Secondary School in 1938. The current St. Joseph's Secondary School on Waimanu Road was formed in 1956 through the merger of these two schools and was blessed by Bishop V. Foley. Today, the school continues to thrive thanks to the support of past and current students, parents, benefactors, and the Ministry of Education. While rooted in Catholic values, St. Joseph's has always welcomed students of all faiths.

Table 1: SCHOOL DETAILS

NAME OF SCHOOL	**ST JOSEPH'S SECONDARY SCHOOL**
SCHOOL REGISTRATION NUMBER	2319
SCHOOL LOCATION	LOT 394 WAIMANU ROAD, SUVA
SCHOOL TYPE	ALL GIRLS SECONDARY SCHOOL
FEEDER SCHOOL	NONE
DATE OF INSPECTION	7TH JUNE 2024
MILESTONE	1 (12 / 86 SCHOOLS)
INSPECTED BY (TEAM 3)	MERELITA MAUITOGA (MM)
	ERONI AISAKE (EA)
	DONNIS KAINAMOLI (DK)

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	N/A	572	572	4	9	24	33	• 15 classrooms • Student to stream is 572 roll / 15 classrooms = 38 :1 for 2024 school calendar • Total taps count = 19 - WASH ratio (Taps) = 30:1 < 60:1 • WASH ratio (Toilets) - total girls toilet cubicle count = 20 - Female = 29:1 > 20:1 • EVACUATION CENTRE = NO
2023	N/A	564	564	0	8	24	32	
2022	N/A	559	559	0	6	31	37	
2021	N/A	594	594	0	9	26	35	
2020	N/A	600	600	0	7	28	35	
2019	N/A	587	587	0	6	27	33	

Table 3: 2024 CLASSROOM ENROLLMENT DETAILS_OVERCROWDING IS BASED ON THE FNBC.

GRADE	CLASS NUMBER	TOTAL STUDENT ROLL	NUMBER OF TEACHERS	DIMENSIONS (m)		ACCESS WAY COUNT		OVERCROWDING
				LENGTH	WIDTH	NO. OF DOORS	NO. OF WINDOWS	
9	9A	42	1	9	7.3	1	16	☐YES ☒NO
9	9B	42	1	9	7.3	1	16	☐YES ☒NO
9	9C	42	1	9	7.3	1	16	☐YES ☒NO
10	10D	43	1	9	7.3	1	16	☐YES ☒NO
10	10E	41	1	9	7.3	1	16	☐YES ☒NO
10	10F	43	1	9	7.3	1	16	☐YES ☒NO
11	11A	34	1	7	7.3	1	16	☒YES ☐NO
11	11S	34	1	9.1	6.1	1	16	☐YES ☒NO
11	11C	34	1	9.1	6.1	1	16	☐YES ☒NO
12	12A	42	1	6	7.8	1	16	☐YES ☒NO
12	12S	40	1	11.2	6.1	1	16	☐YES ☒NO
12	12C	40	1	6	7.8	1	16	☐YES ☒NO
13	13A	33	1	7	7	7.9	29	☐YES ☒NO
13	13S	33	1	7	7	7.9	29	☐YES ☒NO
13	13C	29	1	7	7	7.9	29	☐YES ☒NO
Chemistry Lab	-	-	-	9.8	8.8	2	14	☐YES ☐NO
Biology Lab	-	-	-	11.5	8.8	3	15	☐YES ☐NO
Physics Lab	-	-	-	12	8.8	2	18	☐YES ☐NO
Computer Lab 1	-	-	-	8	7.4	1	16	☐YES ☐NO
Computer Lab 2	-	-	-	8	7.4	1	16	☐YES ☐NO
Home Economics Sewing 1	-	-	-	9	7.3	1	24	☐YES ☐NO
Home Economics Foods	-	-	-	7	7.3	1	16	☐YES ☐NO
Home Economics Sewing 2	-	-	-	7.15	8	2	6	☐YES ☐NO
Music Room	-	-	-	7.15	8	1	6	☐YES ☐NO
Art /PE Room	-	-	-	7.15	8	1	10	☐YES ☐NO

2) SCHOOL SITE PLAN (DRONE IMAGERY OF SCHOOL)

AERIAL VIEW

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

3) VISUAL INSPECTION RESULTS

a. EXISTING BUILDING INFORMATION

Table 4: EXISTING BUILDING INFORMATION FOR BUILDING B1

Building Index	**B1 : Ground Floor (GF):** Home Economic Sewing Room 2, PE/Art Room, Music Room, and Staff Men Room **FF (FF):** Chemistry Lab, Biology Lab, Physics Lab, Student Female Toilets and Staff Female Toilets.		**Year built: TBC**
Type:	Double Story Concrete Building		**No. of Levels: 2**
Dimensions	**Length (m): 41.64**	**Width (m): 8.8** (excluding walkways)	**Height (m): 5.95**

Existing State of Building

REF. No.	Building Component	Good[1]	Fair[2]	Poor[3]	Structure Type [4]	Comments
1	Roof Lining	✓			Steel	Corrugated Roofing Iron (CGI) is screwed at every 2nd to 3rd crest and is corroded. The coating on the CGI is wearing off. Water stains were observed on the ceiling board, indicating leakage along the rear corridor, school had advised that the roof was repaired due to the leakage observed.
2	Roof Structure	Could not be accessed onsite			Timber	The roof structure was not accessible but could be assumed as timber framed.
3	Walls	✓			Concrete	Exterior Walls are satisfactory Concrete. There were hairline cracks, which is not critical.
4	Columns	✓			Concrete	Concrete Columns were satisfactory.
5	Beams	✓			Concrete	Concrete Beams were satisfactory.
6	Floor	✓			Concrete/ Timber	Ground Level consists of concrete slabs with tiles which were not non-slip. FL consisted of satisfactory timber flooring. It was noticed in the Biology Lab that the school carried out rectification works such as patching of the flooring.
7	Handrails			✓	Steel	Steel Handrails were approx. 900mm above floor level. Steel Members were severely corroded and unsafe.
8	Walkway(s)	✓			Concrete / Steel	The GF consisted of a 900mm wide walkway along with an FL rear walkway. The front FL walkway is approx. 3.1m wide. The FL rear walkway is unsafe as the members were severely corroded.
9	Services – water supply	✓				Water Pressure in all wash facilities are satisfactory. There are 2-5200L tanks located on the side (closest to the pool area) of the building that is only used for wash facilities and not for consumption. There are handbasins in the Biology

[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

						and Chemistry Laboratories which are not used for consumption. There 2 taps provided outside that are used for consumption.	
10	Available taps for general use		✓			2 taps	Student – tap ratio = Dependent on the number of students occupying the labs.
11	Services – electricity	✓				At GF, there are wall fans and lights provided in each room similar to the laboratories at FL. All electrical fixtures are satisfactory.	
12	Services – communication (internet)	✓				All rooms consist of intercoms. Internet is not accessible in labs.	
13	Drainage	✓				Drainage is good.	

Comments

- **Visual defects**

  Apart from the above-mentioned defects in the table, the following were also observed:
  - Ventilation at GF is poor and insufficient.
  - All laboratories consist of 2 double doors, one at the front and one at the rear.
  - Fire Extinguishers are present in the Chemistry Room and Sprinklers are in the Chemistry Storage Room.
  - A first Aid Kit was also noted in the Biology Lab.

Table 5: EXISTING BUILDING INFORMATION FOR BUILDING B2.

Building Index		**B2 :** **Ground Floor (FL):** Handyman Storage Room. **FF (FF):** Home Economics Food Room, Home Economics Sewing 1, School Office and 10x Classrooms. **Second Floor (SF):** Library, Staff Room.			**Year built: TBC**	
Type:	Triple Storey Concrete Building.				**No. of Levels: 3**	
Dimensions	**Length (m): 32.78**	**Width (m): 10.5** (excluding walkways)				**Height (m): 6.75**
Existing State of Building						
REF. No.	**Building Component**	**Good[5]**	**Fair[6]**	**Poor[7]**	**Structure Type [8]**	**Comments**
1	Roof Lining	✓			Steel	Corrugated Roofing Iron (CGI) was satisfactory upon inspection.
2	Roof Structure	Concealed Upon Inspection				The gable roof was concealed upon inspection.
3	Walls	✓			Concrete	The concrete walls were satisfactory overall, however, there were minor non-structural cracks.
4	Columns	✓			Concrete	The columns were satisfactory.
5	Beams	✓			Concrete	The beams were satisfactory.
6	Floor	✓			Concrete	The rooms consisted of concrete slab with tiles that were not non-slip tiles. The library consisted of cracked tiles.
7	Handrails	✓			Steel	The steel handrails were along the stairways at a height of approx. 1m. The handrails consisted of defected paint and corrosion.
8	Walkway(s)	✓			Concrete	The concrete walkways were approx. 3 wide and consisted of lights. The walkways also consisted of concrete stairs at certain areas.
9	Services – water supply	✓				There are 9 taps provided at the FL.
10	Available taps for general use	✓				9 Taps — Student – tap ratio = 44: 1
11	Services – electricity	✓				Each Room consists of 4 lights and 2 ceiling fans with 1 projector. The electrical fixtures are satisfactory.
12	Services – communication (internet)	✓				1 intercom per room. Internet is TFL and only accessible at the Staff Room.
13	Drainage	✓				Drainage is good. Only the grounds consist of poor drainage.

[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

Comments

- **Visual defects**

  Apart from the above-mentioned defects in the table, the following were also observed:
  - The school's carpark is located at the front of Building 2 and does not have any bays allocated for disability. However, the carpark does not have designation signs of bays.
  - There are approx. 2 entrances to FL, one is the staircase provided from GF and the other from the car park into the office.
  - There are 2 accesses provided each to the library and staffroom at the SF.
  - The classrooms are well ventilated with push-out windows.
  - There are no fire extinguishers and fire hose. However, are in discussion progress with the fire hose.
  - The school is not used an evacuation centre.
  - There is land for expansion, however, the school does not wish to expand in Teaching Facilities nor in Wash Facilities.

Table 6: EXISTING BUILDING INFORMATION FOR BUILDING B3.

Building Index	**B3: Ground Floor (GF):** Ablution/ Classroom and Staffroom **FF (FF):** 5xClassrooms.	**Year built: TBC**
Type:	**Double Storey Concrete Building**	**No. of Levels: 2**
Dimensions	**Length (m): 28.5**	**Width (m): 21**	**Height (m): 5.5**

Existing State of Building

REF. No.	Building Component	Good[9]	Fair[10]	Poor[11]	Structure Type [12]	Comments	
1	Roof Lining	✓			Steel	The existing CGI is satisfactory.	
2	Roof Structure	Not Accessible onsite.				Not Accessible.	
3	Walls	✓			Concrete	Walls are satisfactory.	
4	Columns	✓			Concrete	The Concrete Walls are satisfactory.	
5	Beams	✓			Concrete	The concrete beams are satisfactory.	
6	Floor	✓			Concrete	The concrete flooring was all concrete with tiles that were not non-slip tiles.	
7	Handrails	✓			Steel	Steel Handrails were present along the staircases on both sides and along the walkway at the FL. The handrails were approx. 1m high.	
8	Walkway(s)	✓			Concrete.	The walkways were approximately 3.1m at the GF front area and approx. 1m wide at the rear side of the FL. Walkways consist of lights and also hairline cracks on the floor. The walkway at the SF consisted of handrails.	
9	Services – water supply	✓				There are 8 taps provided on the side of the building towards the school hall and water tanks. There are also 2 standby tanks for the wash areas.	
10	Available taps for general use	✓				8 Taps	Student – tap ratio = 27:1
11	Services – Electricity	✓				Each Room consists of 4 lights and 2 ceiling fans with 1 projector. The electrical fixtures are satisfactory.	
12	Services – communication (internet)		✓			Each room consists of an intercom.	
13	Drainage	✓				Drainage is good.	

Comments

- **Visual defects**

  Apart from the above-mentioned defects in the table, the following was also observed:

[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

- Septic Tank present at the rear of the building on GF.

Table 7: EXISTING BUILDING INFORMATION FOR BUILDING B4.

Building Index	**B4: Ground Floor (GF):** Hall **FF (FF):** Computer Labs / Prayer Room and Common Area.				**Year built: TBC**	
Type:	Double Storey Concrete and Glazed Building				**No. of Levels: 2**	
Dimensions	**Length (m): 35**	**Width (m): 19.2**			**Height (m): 5.5**	
Existing State of Building						
REF. No.	**Building Component**	**Good[13]**	**Fair[14]**	**Poor[15]**	**Structure Type [16]**	**Comments**
1	Roof Lining	✓			Steel	The existing CGI is satisfactory.
2	Roof Structure	Not Accessible onsite.				Not Accessible.
3	Walls	✓			Concrete Glazed	Concrete Walls are satisfactory. However, the Glazed areas, may not be cyclone rated.
4	Columns	✓			Concrete	The Concrete Walls are satisfactory.
5	Beams	✓			Concrete	The concrete beams are satisfactory.
6	Floor	✓			Concrete	The concrete flooring was all concrete with tiles that were not non-slip tiles.
7	Handrails	✓			Steel	Steel Handrails were present along the staircases on both sides and along the walkway at the FL. The handrails were approx. 1m high.
8	Walkway(s)	✓			Concrete.	The walkways are satisfactory. 1.5m wide at the FL.
9	Services – water supply	✓				Refer to B3. There are no taps around B4.
10	Available taps for general use					Taps / Student – tap ratio =
11	Services – Electricity	✓				Each Computer Lab consists of 2 lights, 1 ceiling fan and aircon which are all working.
12	Services – communication (internet)		✓			Each room consists of an intercom.
13	Drainage	✓				Drainage is good.

Comments

- **Visual defects**

Apart from the above-mentioned defects in the table, the following was also observed:

[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

- There are wash areas in the B4, however, is only for the school visitors.
- Fire extinguishers, alarm and sprinklers was noticed in the hall.

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

Table 8: EXISTING BUILDING AND TOILET BLOCK ACCESS _ DISBILITY AUDIT.

Building Index	B1 – Refer to Table 4. B2 – Refer to Table 5. B3 – Refer to Table 6. B4 – Refer to Table 7.		
Type:	Refer to Building Index.	**No. of Levels:**	Refer to Building Index
Dimensions	**Length (m):** Refer to Building Index.	**Width (m):** Refer to Building Index.	**Height (m): (Up to eaves)** Refer to Building Index.

Existing State of Building

REF. No.	Building Component	Good[17]	Fair[18]	Poor[19]	Structure Type [20]	Dimensions (m)	Comments
1	Ramps			✓			Ramps are not provided within the school.
2	Walkway clearance space	✓			B1 and B3: Concrete	Walkways are approx. 3.1m wide.	Walkways are sufficient.
3	Handrails		✓		Steel	1m above floor level.	Satisfactory as no defects were inspected onsite apart from peeling of paint.
	Doors and Door Size (typical)		✓		Timber and/or Gazed Doors	Majority of the classroom doors are double doors 1.5m wide and rooms with single doors are approx. 750mm wide.	Doors that are lesser than 900mm wide is too narrow for wheelchairs users. Toilet Cubicles are non-compliant as cubicle doors are 800mm wide.
4	Stairway		✓			Stairways are approximately 1m – 1.2m wide .	The stairways width is compliant however there are a lot of stairways with in the building.

[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

Comments

Building 1 (B1):

- Only the Ground Level (GF) rooms are accessible for wheelchair users, as they are on the same level as the main entrance gate, which is approximately 700-800mm wide.
- The laboratories on the First Level (FL) are inaccessible due to stairs from the GF and car park.
- Handrails are provided on the FF (FF) and along the stairs to the FF, with a height of about 900mm.
- A small ramp at the main office could improve accessibility.
- The toilets are not accessible from the main gate or car park, as the main entrance is about 2m wide, but the main door is 700mm wide, making it non-compliant.

Building 2 (B2):

- Building 2 is inaccessible from the main gate due to stairs leading to the FF.
- The office has a 50mm step up, and there is a step-down of 50mm to the walkway of Building 1.
- All classrooms have double doors (1.5m wide, 2.1m high), which are accessible.
- There is a 20mm step-up to classroom entrances from the walkway.
- A concrete stairway within the building is inaccessible to wheelchair users.
- The library and staff room are also inaccessible to wheelchair users due to the lack of ramps.
- Handrails (1m high) are provided at all staircases.
- Taps are inaccessible due to their height and a 100mm wide drainage gap.
- The walkways are 3.1m wide, which is sufficient for accessibility.
- Both the front and rear car parks lack designated disability parking spots.

Building 3 (B3):

- B3 is inaccessible due to lack of proper access from the front and back gates.
- The FF is also inaccessible due to stairs at each end of the building.
- Walkways on the Ground Level are sufficient for wheelchair movement.
- There is a 30mm step up to the classrooms on the Ground Level.
- GF classrooms have double doors (1.5m wide), while the FF has single doors (800mm wide).
- The taps in the outside drinking area are on a slope, making them inaccessible.
- There are no emergency lights for hearing-impaired students in case of an emergency.

Building 4 (B4):

- B4 GF is accessible only from the back gate.
- The walkways are sufficient for wheelchair access.
- The hall is an open area and is spacious.

c. TOILET BLOCKS (STUDENT)

Table 9: BUILDING 1_ FEMALE STUDENT TOILETS.

Building Index	**B1- FEMALE STUDENT TOILETS**		
Type:	**MENTION THE CONTENTS OF WASHROOMS AT EACH LEVEL.** • **FL: Female Student Toilet**		**No. of Levels: 2**
Dimensions	**Length (m): 4**	**Width (m): 4.9** (excluding walkways)	**Height (m): 3.2 (up to eaves)**

Existing State of Building							
REF. No.	**Building Component**	**Good[21]**	**Fair[22]**	**Poor[23]**	**Structure Type [24]**	**Count[25]**	**Comments**
1	Toilet Bays – male		N/A				
2	Toilet Bays – female		✓		Timber	11 Cubicles (2 of the toilet cubicles were out of service upon assessment).	- Cubicle Size: 1.9x0.9x2.4m - The timber doors consist of latch locks on both sides of the door; - The partition Walls are timber walls at a height of 2.4m and the doors are 0.9m wide by 1.9m high. - There were no toilet paper holders mounted. - There were 6 handbasins whereby only 6 was working and water pressure was good.
3	Toilet Partition between boys and girls.		✓		Timber		Satisfactory.
4	Shower bay		✓		Concrete	1	1 shower of 1m x 1m. The shower was workable.
5	Toilet Bays – accessible			✓			Toilets are not accessible.
6	Entry to toilet building	✓			Timber		Entry is safe as it is visual to all classrooms. Its proximity to the labs poses a potential risk because there are times when students and teachers are focused in the classrooms while the labs remain empty.
7	Exit to toilet building	✓			Timber		
8	Menstrual Hygiene facilities		✓			2 Bins	Each toilet cubicle consists of a sanitary bin which was

[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
[25] Count - Used for identifying number of toilet bays and menstrual hygiene facilities

							satisfactory and consists of a large bin.

Comments

The washroom does not consist of non-slippery tiles which could be a hazard during cleaning or when it is wet.

Some toilet cubicle consists of toilet brushes.

The toilet windows are located approximately 3m above the floor level.

Table 10: BUILDING 3_ FEMALE STUDENT TOILETS.

Building Index	B3- FEMALE STUDENT TOILETS		
Type:	MENTION THE CONTENTS OF WASHROOMS AT EACH LEVEL. Ground floor: 1 x Female Student Toilet		No. of Levels: 1
Dimensions	Length (m): 4	Width (m): 7.0	Height (m): 3

Existing State of Building

REF. No.	Building Component	Good[26]	Fair[27]	Poor[28]	Structure Type [29]	Count[30]	Comments
1	Toilet Bays – male		N/A				
2	Toilet Bays – female		✓		Timber	9 Cubicles	- Cubicle Size: 1.5m x 0.75m x 1.85m high. - The timber doors are approx. 0.8m wide. - Partition walls were timber. - Flooring consists of tiles that are not non-slip tiles and at some portions were missing at some locations. - There were 4 hand taps with only 1 not working.
3	Toilet Partition between boys and girls.		✓		Timber		Timber Partition Walls between the cubicles which were satisfactory.
4	Shower bay						N/A
5	Toilet Bays – accessible			✓			The washroom itself and its individual cubicles were non accessible.
6	Entry to toilet building		✓		Timber		Entry to the toilet is beside a classroom and however, is not visual to any classroom as to who is entering.
7	Exit to toilet building		✓		Timber		
8	Menstrual Hygiene facilities		✓			1 Bin	1 large bin.

Comments

The washroom does not consist of non-slippery tiles which could be a hazard during cleaning or when it is wet.

The student to toilet ratio is satisfactory as the requirement is one cubicle for every 20 girls or part of 20 girls up to 200.

Some toilet cubicle consists of toilet brushes.

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

Table 11: BUILDING 1_ STAFF FEMALE AND MALE TOILET

Building Index	B1- STAFF MALE AND FEMALE TOILET		
Type:	MENTION THE CONTENTS OF WASHROOMS AT EACH LEVEL. EXAMPLE: • Ground floor: 1 x Staff Male Toilet • First Level: 1 x Staff Female Toilet		No. of Levels: 2
Dimensions	Length (m): GF: 4.85 FL: 4.7	Width (m): GF: 2.0 FL: 6.2 (excluding walkways)	Height (m): GF: 2.75 FL: 2.35 (up to eaves)

Existing State of Building

REF. No.	Building Component	Good[31]	Fair[32]	Poor[33]	Structure Type [34]	Count[35]	Comments
1	Toilet Bays – male (GF)		✓		Concrete	1 Cubicle	Male cubicle also consists of a shower. The washroom is approx. 3.1x3.2m. All facilities are functioning.
2	Toilet Bays – female (FL)	✓			Concrete	3 Cubicles	The cubicle size: 2.8x0.85x1.82m high timber partition walls. Toilet Paper holder in each cubicle. 1 handbasin with I hand dryer.
3	Toilet Partition between boys and girls.		✓		Concrete		Partition walls between the cubicles are timber walls which is approx. 1.82m high.
4	Shower bay					-	The shower bay is only present in the male toilet at GF. All shower taps and shower re working.
5	Toilet Bays – accessible			✓			Not accessible as the step up to the staff female toilet is approx. 200mm. Similar to that of the male toilet.
6	Entry to toilet building	✓			Timber		Male Staff toilet is at GF which cannot be accessed or is visible to other classrooms. The female toilet similar to the female toilet at FL is visible to school.
7	Exit to toilet building	✓			Timber		
8	Menstrual Hygiene facilities	✓				1 bin	Each cubicle consists of sanitary bin.

Comments

The washroom does not consist of non-slippery tiles which could be a hazard during cleaning or when it is wet.

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

4) PHOTOGRAPHIC REPORT

Table 12: BUILDING 1 PHOTOGRAPHS.

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	ST JOSEPH'S SECONDARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.	Building Index:	B1

Figure 1: B1 FRONT ELEVATION.

PHOTOGRAPH No. 1: FRONT

Figure 2: B1 LEFT SIDE ELEVATION.

PHOTOGRAPH No. 2: LEFT SIDE

Figure 3: B1 REAR / BACK ELEVATION.

PHOTOGRAPH No. 3: BACK

Figure 4: B1 RIGHT SIDE ELEVATION.

PHOTOGRAPH No. 4: RIGHT SIDE

Figure 5: B1 ART/PE CLASSROOM INTERIOR AT GF.

PHOTOGRAPH No. 5: INTERIOR

Figure 6: B1 PHYSICS LAB AT FL.

PHOTOGRAPH No. 6: INTERIOR

Figure 7: B1 CHEMISTRY LAB.

PHOTOGRAPH No. 7: ROOF SPACE PHOTOGRAPH

Figure 8: B1 ROOF CLADDING.

PHOTOGRAPH No. 8: ROOF CLADDING PHOTOGRAPH

Figure 9: : B1 WATER TANKS

PHOTOGRAPH No. 9: ROOF SPACE

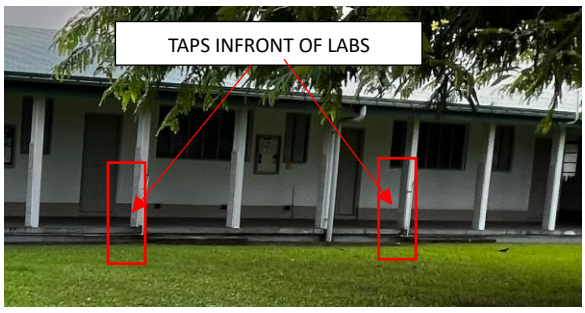


Figure 10:B1 TAPS.

PHOTOGRAPH No. 10: WATER TANK

Figure 11:B1 STUDENT FEMALE TOILET.

PHOTOGRAPH No. 11: B1 STUDENT FEMALE TOILET

Figure 12: B1 STAFF FEMALE TOILET.

PHOTOGRAPH No. 12: B1 STAFF FEMALE TOILET

Figure 13: B1 STAFF MALE TOILET.

PHOTOGRAPH No. 13: B1 STAFF MALE TOILET

Figure 14: B1 FL REAR WALKWAY WITH HANDRAILS.

PHOTOGRAPH No. 14: B1 FL REAR WALKWAY

Figure 15: B1 FL REAR WALKWAY.

PHOTOGRAPH No. 15: B1 FL REAR WALKWAY

Table 13: BUILDING 2 PHOTOGRAPHS.

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	ST JOSEPH'S SECONDARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.	Building Index:	B2

Figure 16: : B2 FRONT ELEVATION.

PHOTOGRAPH No. 1: FRONT

Figure 17: B2 REAR LEFT SIDE ELEVATION.

PHOTOGRAPH No. 2: LEFT SIDE

Figure 18: B2 REAR / BACK ELEVATION.

PHOTOGRAPH No. 3: BACK

Figure 19: B2 RIGHT SIDE ELEVATION.

PHOTOGRAPH No. 4: RIGHT SIDE

Figure 20: B2 YEAR 9A CLASSROOM.

PHOTOGRAPH No. 5: INTERIOR.

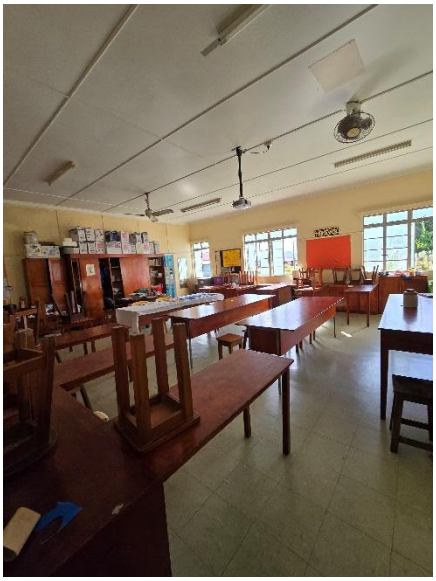


Figure 21: B2 HOME ECONOMIC SEWING ROOM.

PHOTOGRAPH No. 6: INTERIOR.

Figure 22: B2 TAPS ALONG THE REAR WALKWAY.

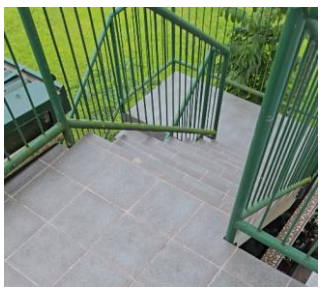
PHOTOGRAPH No. 7: INTERIOR.

Figure 23: B2 WALKWAY AT THE FRONT OF THE CLASSROOMS.

PHOTOGRAPH No. 8: TAPS.

Figure 24: B1 ENTRANCE INTO ROOMS.

PHOTOGRAPH No. 9: ENTRANCES INTO ROOMS.



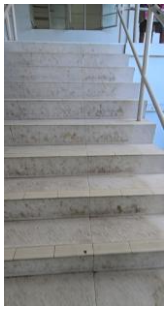


Figure 25: B1 STAIRCASES.

PHOTOGRAPH No. 10: B2 STAIRCASES

Figure 26: B2 LIBRARY ROOM.

PHOTOGRAPH No. 11: LIBRARY ROOM.

Table 14: BUILDING 3 PHOTOGRAPHS.

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	ST JOSEPH'S SECONDARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.	Building Index:	B3

Figure 27: FRONT ELEVATION.

PHOTOGRAPH No. 1: FRONT

Figure 28: B3 LEFT SIDE ELEVATION.

PHOTOGRAPH No. 2: LEFT SIDE

Figure 29: B3 REAR / BACK ELEVATION.

PHOTOGRAPH No. 3: BACK

Figure 30: B3 RIGHT SIDE ELEVATION.

PHOTOGRAPH No. 4: RIGHT SIDE

Figure 31: B3 WATER TANKS

PHOTOGRAPH No. 5: WATER TANKS

Figure 32: B3 COMMON ROOM – SIGN OF LEAKAGE.

PHOTOGRAPH No. 6: INTERIOR

Figure 33: B3 ROOF CLADDING FOR GF AND FL.

PHOTOGRAPH No. 7: ROOF CLADDING

Figure 34: B3 TAPS ALLOCATED ON THE RIGHT SIDE OF B3.

PHOTOGRAPH No. 8: TAPS

Figure 35: B3 STUDENT FEMALE TOILET.

PHOTOGRAPH No. 9: TOILET

Figure 36: B3 SEPTIC TANK.

PHOTOGRAPH No. 10: SEPTIC TANK.

Table 15: BUILDING 4 PHOTOGRAPHS.

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	ST JOSEPH'S SECONDARY SCHOOL
Project:	INFRASTRUCTURE PLAN FOR SUVA – NAUSORI URBAN SCHOOL.	Building Index:	B4

Figure 37: B4 FRONT ELEVATION.

PHOTOGRAPH No. 1: FRONT

Figure 38: B3 LEFT SIDE ELEVATION.

PHOTOGRAPH No. 2: LEFT SIDE

Figure 39: B4 REAR / BACK ELEVATION.

PHOTOGRAPH No. 3: BACK

Figure 40: B4 RIGHT SIDE ELEVATION.

PHOTOGRAPH No. 4: RIGHT SIDE

Figure 41: B4 COMPUTER ROOM INTERIOR.

PHOTOGRAPH No. 5: INTERIOR

Figure 42: B4 ROOF SHEETING.

PHOTOGRAPH No. 6: ROOF SHEETING

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**		
	Good - zero to afew classrooms are accommodating students above capacity.	0 to 23	**3**
	Criteria Item Score		**3.0**
2	**PART B - WASH FACILITIES (20%)** **WASH- Student ratio based on the Fiji National Building Code (FNBC) Infrastructure Standards (10%)**		
	Good - WASH-Student ratio for school toilet blocks meets or exceeds the ratio in the standard specified by FNBC.	0 to 5.9	**0**
2.1	**Quality of facilities and current condition such as funtionality and maintenance (10%)**		
	Good - generally school toilet facilities are maintanined well with minimal disturbances from the physical infrastructure to the end users.	0 to 5.9	**0**
	Criteria Item Score		**0.0**
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	**0**
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	**0**
	Criteria Item Score		**0.0**
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		**18.0**

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

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SCHOOL NAME:

(12) SAINT JOSEPH SECONDARY SCHOOL