INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOLS

DAV GIRLS COLLEGE (REG 2329)

SUMMARY REPORT

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1) INSPECTION SUMMARY

School Inspection Summary	
School name:	DAV GIRLS' COLLEGE
Overall condition state:	GOOD
Key recommendations:	
- Overcrowding – 4 new classrooms required based on FNBC standards - WASH – 2 new toilet cubicles required for females / minor 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: • A floor beam was severely cracked along the B2 walkway nearest to the library side. • Leakage was observed at B1 as stains were evident on the ceiling board. • Roof Cladding and Screws were severely rusted. • Veranda steel connections at B3 were severely corroded. • Timber structure in B2 requires further analysis as flooring and wall framing were not as per the FNBC. • Cracks on Tiles.	

Aerial view of school	General view of school
	  

School type:	**Primary**		**Secondary**	✓	**Year levels**	9,10,11,12 and 13
School address:	2 KULA STREET SAMABULA					
School enrolment and staff figures	**No. of Students (Male)**	**No. of Students (Female)**	**No. of Students with Disability**	**No. of Teachers (Male)**	**No. of Teachers (Female)**	
	N/A	360	0	7	22	
School building arrangement	TOTAL NUMBER OF BUILDINGS: 3 **B1** – 2 STOREYS / **B2**– 3 STORY / **B3** – 1 STOREY					
Local government area:	KULA STREET, SAMABULA					
Date of inspection:	07TH 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 AT B1 ARE ASSUMED TO BE DEFECTED AND DAMAGED DUE TO THE EVIDENT LEAKAGE ON THE CEILING BOARD AND ALSO SEVRELY CORRODED CLADDING.					
Limitations:	UNAVAILABILITY OF ALL SCHOOL DOCUMENTS SUCH AS BOUNDARY AREA.					

2) ASSESSMENT OF OVERCROWDING

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

The results of the assessment are based on the recommended sizing (1.5m^2), according to 2024 data, no additional classroom are required for DAV Girls College.

YEAR	STREAM	Number of students	Current number of classrooms	Number of extra classrooms required based on FNBC on 2024 data (per stream)
9	901	37	1	0
	902	33	1	
	903	33	1	
10	1001	28	1	0
	1002	20	1	
	1003	28	1	
11	1101	29	1	0
	1102	17	1	
	1103	24	1	
12	1201	22	1	0
	1202	16	1	
	1203	25	1	
13	1301	45	1	0

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	32.78	12.72	8.10	2	Concrete with cladding on timber framed roof structure	**Ground Floor (GF):** 3xClassrooms / Storeroom / Book Room **First Floor (FF):** 4xClassrooms / Book Room
B2	65.0	13.0	6.75	3	Concrete with cladding on timber framed roof structure	**Ground Floor (GF):** Social Studies Room, 3xClassrooms, Female Student Toilets and Canteen. **First Floor (FF):** AP Office and Commerce HOD. **Second Floor (SF):** Library, Office, Staff Room, Staff Toilets, 1xClassroom, Computer Lab, Mathematics HOD.
B3	50.0	7.0	3.30	1	Concrete with cladding on timber framed roof structure	**Ground Floor (GF):** Female Student Toilet, 1xClassroom, Science Lab, Physics Lab, Home Economics Rooms and Sick Bay.

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.	Good

Observations on Structural Elements

- **Walls and Ceiling** – The concrete walls for the entire school was satisfactory with minor defects such as hairline cracks. Ceiling boards at FF or SF were intact, however, leakage stains were evident at B1.
- **Floors and Foundation** – Floors were satisfactory, however, minor cracks on tiles were evident. There were no building settlement or cracks along the walls to indicate such matter. Foundation was concealed.

- **Roofs** – Only B2 and B3 roofs were accessed and was observed to be timber trusses in good condition. B1 could not be accessed due to no manhole access.
- **Windows** – Windows were louvre blades and were intact. There were shutters on site or signs of shutter brackets.
- **Earthquake –** Not Applicable
- **Cyclone** – roof members were satisfactory for the buildings that were accessible, however, for B1, it is required for thorough inspection. Shutters are to be provided for all glazed openings such as windows.

Existing Conditions of Building and Maintenance

- **Exterior –** the building is in good condition as the wall, beam, column, window seal, doors, eaves, fascia boards and gutters were satisfactory.
- **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 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 and only 1 fire hose located at B2 which is not adequate for the entire school.
- **Electrical Safety –** The school is connected to EFL Grid. The school has surface wiring with no fault outlets. All electrical systems are measured to be safe.
- **Accessibility –** the school does not meet disability accessibility standards. The school does not have facilities such as ramps, handrails and accessible restrooms.

Lighting and Ventilation

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

4) WATER SANITATION HYGIENE (WASH) FACILITIES

Condition of Toilets and Washrooms

DAV Girls College has 2 blocks with toilet facilities. The facilities have some minor defects such as:

- Defected Paint and Vandalized Partition Walls.
- Shower was not workable.
- Tiles were not non-slip tiles and was missing at some locations at B3.
- Cubicle doors consisted of latch locks on both sides of the doors, however, some internal locks were not working.
- At B2, 2 washroom taps were not working.

The WASH facilities were partially clean and indicated sufficient maintenance. 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?
	13	28	5

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?
	9	40	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?
	9	40	0

5) DISASTER RESILIENCE ASSESSMENT

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

Architectural

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

Structural

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

Non-Structural

- Disaster Preparedness: Implementation of disaster evacuation plans, emergency exit routes, and safety protocols.
- Fire Safety: Equipped with fire extinguishers in rooms necessary such as Home Economics Foods Room, Canteen etc to mitigate fire-related risks.

6) ACCESSIBILITY ASSESSMENT

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

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

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

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

   - Some classroom consists of wide doorways at approx. 900mm wide which is accessible to wheelchair. However, other 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 DAV Girls College:

Categories of Assessment	Existing Condition / State	Required as per Standards	Gaps Observed
Existing Infrastructure Condition	- Structural Integrity – The school's structural integrity is compliant. - General upkeep – Minimum irregular Maintenance. - Safety compliance- Handrails were provided. - Disability- no consideration when constructed. - Ventilation and lighting – Satisfactory and sufficient, however, at B1, lights were not functioning in some rooms.	- Structural Integrity – the timber frame buildings require to be in accordance with the FNBC 1990 and AS/NZS1170.2:2021. - 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 –requires minimum intervention to minor defects. - 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 –Ventilation and lightings are sufficient compared to required FNBC. However, some lights were not functioning.
Assessment of Overcrowding	- The classrooms are accommodating an average of 360 roll/13 classrooms of 27 students in average.	- FNBC 1990 requires classroom occupancy to have $2m^2$ per person. Based on that, the required roll per classroom was calculated.	- None out of 5 Years were accommodating more roll than required. - Given the recommended sizing ($1.5m^2$), no extra classrooms are required to address overcrowding in school.
Water Sanitation Hygiene (WASH) facilities	Toilets (students: Cubicle) - Female – 28:1 (13 cubicles) Taps (students: tap) - Students – 40:1 (9 taps) - Menstrual Hygiene was present in every female washroom block	Toilets Ratio (students: Cubicle) - Female – 20:1 (18 cubicles) Taps Ratio (students: tap) - Students – 60:1 (6 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 Female toilet ratios were 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 5 extra cubicles is required for the females. - The outdoor tap ratio was below the FNBC requirement indicating that no additional taps are required in the school.
Disaster Resilience Assessment	- The concrete structure was satisfactory and in good condition. - It can be confirmed that all roofs consisted of timber trusses, despite B1 being concealed. - The windows did not consist of shutters, however some areas consisted of Burglary Bars. - Roof cladding is rusted and defective for all buildings. - roofing nails show rusting.	Fiji Building Code 1990. Requirement is that roof cladding be free of rust and fastened securely with type 17 cyclonic screws with neoprene washers. Additionally, cyclone brackets to be fixed on every window frame.	- Rusting of cladding contradicts to the cyclone certification requirement requiring replacement. - Absence of cyclone brackets are not acceptable as per the cyclone certification.

Accessibility Assessment	-Handrails for double storey structures consisted of handrails at approx.900mm. - Classrooms and labs have typical door size of 0.65 – 0.9m width. -Classrooms with double doors are approximately 1.1m wide. - Stairway – average 0.9m width.	**The following are requirements from Fiji Disabled People's Federation Access Audit Tool** - Ramps – required wherever elevation with minimum 1:8 maximum 1:20 - Walkway clearance - minimum 1.8m. - 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)	The following facilities are missing. - Ramps and elevators for vertical access - Wide doorways and clear pathways - Proper signage - Wheelchair-accessible restrooms - Grab bars - Proper signage - 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 5 new classrooms for students in years 901 to 903, 1101 and 1301. This expansion aims to accommodate the growing number of students and provide them with an enhanced learning environment.
- WASH Facilities: An additional 5 cubicles for the females are required, equipped with up-to-date WASH facilities (handbasins), catering particularly to the needs of the 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 repairs due to rusting of cladding, roofing nails, gutter and gutter straps.
- Regular wire brushing and recoating of steel fixture especially steel fixtures that are exposed.
- Removing and replacing cracked tiles that could be a potential hazard for the students.
- The cracks floor beam at B2 veranda require patching.

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 DAV Girls College, the following conclusions were drawn:

- **MEHA Compliance:** Compliant.
- **WASH Facilities:** The school does not require additional outdoor taps for general use. However, additional 5 female toilet cubicles required to comply with FNBC 1990.
- **Land Availability:** There is sufficient land for additional building.
- **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 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 – DAV Girls College Site Inspection Report

Appendix B – Excel Scoring Sheet

Appendix C – Land Available for Expansion

Appendix A - Site Inspection Report

INFRASTRUCTURE ASSESSMENT AUDIT FOR SUVA – NAUSORI URBAN SCHOOL

DAV GIRLS COLLEGE (REGISTRATION NUMBER: 2329)

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
FNBC	Fiji National Building Code
NDMO	National Disaster Management Office
EFL	Energy Fiji Limited
CGI	Corrugated Roofing Iron

1) SCHOOL BACKGROUND

DAV Girls College, Samabula, and DAV College, Nabua were originally part of a single institution established in 1952 at Arya Mandir, Samabula, under the leadership of Pt. Ami Chandra Vidyalankar. The college aimed to provide secondary education for students of Indian origin. The acronym DAV stands for Dayanand-Anglo-Vedic, reflecting the college's appreciation for the founder of Arya Samaj, Swami Dayanand Saraswati, the emphasis on learning foreign languages, and the preservation of Vedic culture and tradition in a diverse environment.

Due to increasing student numbers, the college was divided into two separate entities. In 1952, the girls' wing was relocated to Arya Kanya Pathshala (now Arya Samaj Primary School) in Samabula, while the boys' wing moved in 1954 to the former World War II barracks at its current location.

DAV Girls College is a medium-sized, multiracial urban secondary school exclusively for girls, offering education from Forms 3 to 7. Approximately 70% of the student population is indigenous Fijian.

NAME OF SCHOOL	**DAV GIRLS' COLLEGE**
SCHOOL REGISTRATION NUMBER	2329
SCHOOL LOCATION	LOT 2 KULA STREET SAMABULA
SCHOOL TYPE	ALL GIRLS SECONDARY SCHOOL
FEEDER SCHOOL	NONE
DATE OF INSPECTION	7TH JUNE 2024
MILESTONE	1 (8 / 86 SCHOOLS)
INSPECTED BY (TEAM 3)	MERELITA MAUITOGA (MM)
	ERONI AISAKE (EA)
	DONNIS KAINAMOLI (DK)

Table 1: SCHOOL DETAILS

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	360	360	0	7	22	29	• There are 13 classrooms. • Student to stream average ratio is 28:1 for 2024 school calendar. • Female WASH ratio 35:1 • The school is not an evacuation centre.
2023	N/A	360	360	0	6	23	29	
2022	N/A	347	347	1	6	22	28	
2021	N/A	321	321	0	6	24	30	
2020	N/A	325	325	0	6	22	28	
2019	N/A	290	290	0	6	23	29	

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	901	37	1	7.80	6.80	2	14	☐YES ☒NO
9	902	33	1	7.80	6.80	2	14	☐YES ☒NO
9	903	33	1	7.80	6.80	2	10	☐YES ☒NO
10	1001	28	1	8.40	6.90	2	10	☐YES ☒NO
10	1002	20	1	6.80	6.90	2	6	☐YES ☒NO
10	1003	28	1	8.40	6.90	2	14	☐YES ☒NO
11	1101	29	1	7.70	6.90	1	14	☐YES ☒NO
11	1102	17	1	6.10	6.10	2	8	☐YES ☒NO
11	1103	24	1	7.80	6.80	2	14	☐YES ☒NO
12	1201	22	1	7.80	6.80	2	9	☐YES ☒NO
12	1202	16	1	7.80	6.80	2	14	☐YES ☒NO
12	1203	25	1	7.80	6.80	2	14	☐YES ☒NO
13	1301	45	1	10.40	7.80	2	26	☐YES ☒NO
Physics Lab	N/A	N/A	1	7.70	6.90	2	12	☐YES ☐NO
Science Lab	-	-	-	8.9	6.3	1	12	☐YES ☐NO
Home Economics Sewing Room.				7.70	6.90	2	12	☐YES ☐NO
Home Economics Cooking Room				7.70	6.90	2	14	☐YES ☐NO
Computer Lab	-	-	-	8.9	6.3	1	36	☐YES ☐NO
Library				12.0	7.80	3	28	☐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):** 3xClassrooms / Storeroom / Book Room **First Floor (FF):** 4xClassrooms / Book Room					**Year built: TBC**
Type:	**2 Storey Concrete Structure.**					**No. of Levels: 2**
Dimensions	**Length (m): 32.78**	**Width (m): 12.72** (including walkways)				**Height (m): 8.10**
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.
2	Roof Structure	Could not be accessed onsite			Timber	The roof Structure for Building 1, was not accessible but based on the roof structures at Buildings 2 and 3, could be assumed as timber framed.
3	Walls	✓			Concrete	Exterior Walls are satisfactory Concrete. Timber Partition Walls were provided to separate classrooms which was satisfactory as well.
4	Columns	✓			Concrete	Concrete Columns were satisfactory.
5	Beams	✓			Concrete	Concrete Beams were satisfactory.
6	Floor	✓			Concrete	Flooring is Concrete with Slippery Tiles.
7	Handrails	✓			Steel	Steel Handrails are 900mm high from the floor slab and were observed only at the FF and along the stairs to the FF.
8	Walkway(s)			✓	Timber	Handrails were at a height of 900mm and Water stains were observed on the ceiling board, indicating leakage along the rear corridor. The walkway is approximately 2.23m.
9	Services – water supply		✓			The water supply pressure is satisfactory. There is a 1x3200L water tank in Building 1 which is supplied only for the toilets and not for consumption. There are 3 taps provided at the rear GL.

[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

						There are 2 hand basins located at the FF, one at the rear and the other at the front.	
10	Available taps for general use		✓	Refer to Building 3 for Student to Tap Ratio		GL: 3 taps FF: 2 taps	Student – tap ratio = GL: 34:1 (Used by B1 GF) FF: 44:1 (Used by B1 FF)
11	Services – Electricity		✓			6 Lights (6X 4ft Tube Lights) and 3 overhead fans per classroom at GF. Not all lights were functioning in the classrooms. 2 Lights (1x4ft Tube light and 1 bulb) and 2 overhead fans per FF classroom.	
12	Services – communication (internet)		✓			1 intercom per classroom and the internet is accessible at each classroom (TFL).	
13	Drainage			✓		Drainage is good. There were no comments about flooding or poor drainage.	

Comments

- **Visual defects**

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

  - There is 1 stair entrance at the front and 2 stair entrances from the rear at Building 1.
  - The Timber Doors are 2000mm x 900mm wide for each room with 2 doors per room provided.
  - Windows consisted of glass louvre blades and are intact.

Table 3: EXISTING BUILDING INFORMATION FOR BUILDING B2.

Building Index		**B2 : Ground Floor (GF):** Social Studies Room, 3xClassrooms, Female Student Toilets and Canteen. **First Floor (FF):** AP Office and Commerce HOD. **Second Floor (SF):** Library, Office, Staff Room, Staff Toilets, 1xClassroom, Computer Lab, Mathematics HOD.				**Year built: TBC**
Type:	**3 Storey Concrete and Timber Structure.**					**No. of Levels: 3**
Dimensions	**Length (m): 65.0**	**Width (m): 13.04** (including 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) screwed at every 2nd to 3rd crest. CGI, roof screws and flashings were corroded.
2	Roof Structure	✓			Timber	The roof structure consists of timber trusses and purlins. Thorough Assessment and analysis are required. However, members and fixtures were satisfactory meaning no defects were inspected for that portion of the roof.
3	Walls	✓	✓		Concrete Timber	The walls are 200mm thick walls. There were hairline cracks on the exterior concrete walls. (These are not structural cracks). For the Social Studies, AP, Commerce HOD rooms, these consists of timber wall frames which are not detailed as per FNBC standards.
4	Columns	✓			Concrete	The columns are satisfactory.
5	Beams		✓		Concrete	The concrete beams were satisfactory for the GF, FF and SF. There was a cracked beam observed at the front side at the stairs, nearest to the library.

[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

6	Floor	✓	✓		Concrete Timber	The classrooms, office, staff room, library and computer lab consist of concrete slab with tiles that are slippery tiles and not non-slip tiles. There were cracked tiles noticed in the classrooms. At the AP and Commerce HOD rooms consists of timber flooring that requires further assessment.	
7	Handrails	✓			Steel	Steel handrails were 900mm high from ground level. Handrails are located on both sides of the concrete stairs to the upper levels, it is also located at the GL front side and around the canteen. It is also located along the corridor at the SF. Handrails were satisfactory and no defects were recorded.	
8	Walkway(s)	✓			Concrete	The walkways were located at the front and the rear ends for the GL and SF. The walkways are approximately 2.62m wide all around. There were hairline cracks on the walkway concrete slabs which are not critical. There were signs on the walkways such as arrows however, were faded at certain areas. The lights along the walkways are sufficient (number of lights) however, upon inspection was not working.	
9	Services – water supply	✓				There are 3 taps provided at the GL front end of the building and 1 hand basin are provided at the SF front end as well.	
10	Available taps for general use	✓				4 Taps	Student – tap ratio = 31: 1 (Mainly used by B2)
11	Services – Electricity	✓				GF classrooms consists of 2-3 overhead fans and 9x4 ft light tubes for lighting. These are all functioning in the classrooms upon inspection. There are CCTV cameras and hailers for announcement located at the front and rear side of the GF and SF. Aircons in the Computer Lab, Staff Room, Office	
12	Services – communication (internet)	✓				1 Intercom and internet TFL is accessible to all classrooms. There are also hailers along the walkways for announcements.	
13	Drainage	✓				There were no comments on flooding or poor drainage. Drainage was satisfactory as it was rectangular concrete channel located along the eaves of the building on GL.	
Comments							

- **Visual defects**

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

- There are 2 entrances stairs at Building 2, 1 at the front and the other located at the rear side.
- The Timber Doors are 2000mm x 900mm wide for each room with 2 doors per room provided.
- Some rooms consist of glazed and timber doors with mesh security bars at the glazed area.
- Security Grills were provided for the Doors at the SF.
- There is a fire hose reel mounted at the GF on the side of the Student Female Toilet. (No fire hydrant).
- Fire extinguishers present at the Canteen, Library and at the Main Office. Fire Extinguishers are valid and maintained.
- All rooms consist of louvre blades with security mesh, however, is not shutters compliant.
- The Computer Lab, Staff room and the main office consists of air-cons which are workable.
- The computer lab and the library consist of curtains.
- The emergency assembly area is located at the rear carpark behind B2.

Table 4: EXISTING BUILDING INFORMATION FOR BUILDING B3.

Building Index	**B3: Ground Floor (GF):** Female Student Toilet, 1xClassroom, Science Lab, Physics Lab, Home Economics Rooms and Sick Bay.	**Year built: TBC**
Type:	**1 Storey Concrete Structure.**	**No. of Levels: 1**
Dimensions	**Length (m): 50.0**	**Width (m): 7.0**	**Height (m): 3.30 (up to eaves)**

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 and roof screws consisted of rust.
2	Roof Structure	✓			Timber	The roof members consist of timber truss members with purlins. No damages to the timber members or the steel fixtures.
3	Walls	✓			Concrete	The Exterior walls are 200mm thick with timber partition walls. Timber Partition walls are not in good condition. At the rear side of the classroom, the block wall was cracked, above the window.
4	Columns	✓			Concrete	The Concrete Columns were satisfactory with no defects inspected.
5	Beams	✓			Concrete	The Concrete Beams were satisfactory with no defects inspected.
6	Floor	✓			Concrete	The existing floor consists of a concrete slab with slippery tiles (require non-slip tiles).
7	Handrails			✓		No Hand railings were onsite, however should require hand railings as there are stairs provided from B2 to B3 and along the walkways to prevent falling to the drain.

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

8	Walkway(s)			✓	Timber	The walkway is approximately 2m wide by 2.5m in height. The walkway consists of steel posts and timber roof members. The veranda beam sitting MS Bracket that is welded to the top of the post is severely corroded with its bolts. The timber roof is undersized and requires further analysis. There are directional signs along the walkway, however, are not visible enough. Railings along the drainage area is required and there are none at the moment as this could be a cautionary measurement for students.	
9	Services – water supply	✓				There are no taps located at B3, however, water pressure is satisfactory in the washroom.	
10	Available taps for general use	N/A				# Of Taps	Student – tap ratio =
11	Services – Electricity		✓			- There are tube lights along the walkways. - In Year 1101, there are 2 electrical overhead fans and 6 4ft light tubes. - The science lab consists of 6x4ft Tube lighting with 4 overhead fans. - Physics lab consists of 2x4ft Tube Lighting and 1 overhead fan. - The sick bay consists of 1x 4ft tube light and a wall fan, - The Home Economics Roof for sewing consists of 4 x 4ft tube lights and 2 overhead fans with 1 projector. - The Home Economics Room for cooking consists of 2x4ft tube lights, 3 overhead fans, 2xmicrowave, 1x fridge, several countertop stoves and gas oven.	
12	Services – communication (internet)					Each room consists of an intercom and there are hailers along the walkways. Internet is accessible in each room	
13	Drainage		✓			Drainage is satisfactory as it is provided along the front eaves directed to the rear end of the building. The rear end only has drainage where the 2 downpipes are and are directed to 2 different outlets. There were no comments about drainage issues or blockage.	

Comments

- **Visual defects**

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

- There were fire extinguishers located at the Science and Home Economics Labs with a valid expiry date.
- Majority of the rooms consist of louver blades and push-out windows. Some windows are not functioning or cracked.

- Doors mainly compromises of timber and glazing whereby the glazed area consists of mesh.
- All windows compromised of mesh security bars which are satisfactory however, does not comply with the cyclone shutters requirement.
- The sick bay is located in B3 at the far end, which is far from the office, staff room, and other classrooms which is not satisfactory.
- The septic tank is located at the rear end of the building and measures approximately 4.7m by 1.9m.

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

Table 5: 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.		
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[13]	Fair[14]	Poor[15]	Structure Type [16]	Dimensions (m)	Comments
1	Ramps			✓			Ramps are not provided within the school.
2	Walkway clearance space	✓			B1 – B3: Concrete	B1: 2.21m wide B2: 2.61m wide B3: 2m wide.	Walkways are compliant as it is more than 1.97m wide.
3	Handrails		✓		Steel	900mm above floor level.	Satisfactory as no defects were inspected onsite apart from peeling of paint.
	Doors and Door Size (typical)		✓		Timber and/or Glazed Doors	The majority of doors are 700-900mm wide.	Doors that are lesser than 900mm wide is too narrow for wheelchairs

[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

							users. Toilet Cubicles are non-compliant as cubicle doors are 820mm wide.
4	Stairway		✓			Stairways are approximately the same wide as the walkways.	The stairway width is compliant however there are a lot of stairways within the building.
5							

Comments

Building B1:

- Accessibility: All classrooms are inaccessible to students, teachers, and visitors with physical disabilities.
- Entrances & Pathways: No ramps from the driveway to ground level (GL); access only via stairs. The main entrance also lacks ramp access.
- Hand Railings: Provided at the first floor (FF) but missing from the car park to GL. There is a 1.5m drop from the driveway to GL without safety railings.
- Parking: No designated disabled parking spaces.
- Walkways: Walkways are approximately 2.23m wide, which is sufficient.

Building B2:

- Accessibility: All classrooms at GL are inaccessible due to stairs. Elevated access between B2, B1, and B3 without ramps.
- Entrances & Pathways: Separate accessible entrance for students, but classrooms and taps are inaccessible to wheelchair users.
- Hand Railings: Missing from car park to GL; provided only at FF level.
- Facilities: School office, staff room, library, and labs are located on the second floor (SF) and are inaccessible to those with physical disabilities.
- Toilets: Doors are too narrow (750mm wide) and not suitable for wheelchair access.
- Parking: No designated disabled parking spaces in front or rear car parks.
- Walkways: Sufficient width at 2.61m.

Building B3:

- Accessibility: All classrooms are inaccessible due to stairs leading from B2 and the playground area.
- Entrances & Pathways: No hand railings along the drainage area; minimum 900mm height railings are needed to prevent falls and guide visually impaired students.
- Facilities: No taps, requiring students to use facilities in B2.
- Doorways: Door passages are too narrow for wheelchair access.
- Walkways: Limited to the front of the building, approximately 2m wide.
- Toilets: Doors too narrow (750mm wide) with no disabled-friendly cubicles.

Overall, the primary issues include lack of ramps, narrow doorways, raised entrances, and non-compliant handrails, all of which hinder wheelchair accessibility across the school.

b) TOILET BLOCKS

Table 6: BUILDING 2_ FEMALE STUDENT TOILETS.

Building Index	**B1- FEMALE STUDENT TOILETS**						
Type:	**MENTION THE CONTENTS OF WASHROOMS AT EACH LEVEL.** • **GF:** Female Student Toilet						**No. of Levels: 3**
Dimensions	**Length (m): 65.0**		**Width (m): 13.04** (including walkways)				**Height (m): 6.75 (up to eaves)**
Existing State of Building							
REF. No.	**Building Component**	**Good[17]**	**Fair[18]**	**Poor[19]**	**Structure Type [20]**	**Count[21]**	**Comments**
1	Toilet Bays – male		N/A				
2	Toilet Bays – female		✓		Concrete and Timber Internal Structure.	9 Cubicles	- Cubicle Size: 1.5x0.82x1.83m - The timber doors consist of latch locks on both sides of the door; however, some internal locks were not working. - The partition Walls are concrete walls at a height of 1.8m and the doors are 0.8m x 1.7m high with a 0.1m gap from the floor level to the bottom of the door. - There were no toilet paper holders mounted. - These toilets are for B2 and B1. - There were 8 handbasins whereby only 6 were

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

							working. However, the water pressure was good.	
3	Toilet Partition between boys and girls.		✓		Concrete		Not Applicable however the partition walls and exterior wall were internally vandalized.	
4	Shower bay		✓		Concrete	1	1 shower of 0.9m x 1.47m. The shower was not working; however, the below tap was working.	
5	Toilet Bays – accessible			✓			Toilets are not accessible.	
6	Entry to toilet building	✓			Timber		2 doors provided and are satisfactory as the toilet and doors are located where teachers and students are able to see who enters and exits.	
7	Exit to toilet building	✓			Timber			
8	Menstrual Hygiene facilities		✓			2 Bins	Each toilet cubicle consists of a sanitary bin which was satisfactory. A sanitation company was onsite to collect the sanitary rubbish as all the bins were filled to the top.	
9	Students to **WASH** ratio	Toilet taps: 41:1			Male	N/A	Female	36: 1

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.

Cubicle Doors were damaged at the bottom.

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

Table 7: BUILDING 3_ FEMALE STUDENT TOILETS.

Building Index	**B3- FEMALE STUDENT TOILETS**						
Type:	**MENTION THE CONTENTS OF WASHROOMS AT EACH LEVEL.** **GF:** 1 x Female Student Toilet						**No. of Levels: 1**
Dimensions	**Length (m): 50.0**		**Width (m): 7.0**			**Height (m): 3.30 (up to eaves)**	
Existing State of Building							
REF. No.	**Building Component**	**Good[22]**	**Fair[23]**	**Poor[24]**	**Structure Type [25]**	**Count[26]**	**Comments**
1	Toilet Bays – male		N/A				
2	Toilet Bays – female		✓		Concrete with timber internal structure.	4 Cubicles	- Cubicle Size: 1.5m x 0.82m x 1.83m high. - The timber doors are approx. 0.8m x 1.7m with a 0.13m gap from the floor level to the bottom of the door. - Partition walls were concrete. - There were no toilet paper holders in the cubicles. - Flooring consists of tiles that are not non-slip tiles and some portions were missing at some locations. - There was 1 hand basin. - Walls consist of peeled paint and were vandalized.

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

3	Toilet Partition between boys and girls.		✓		Concrete		Concrete Partition Walls between the cubicles were satisfactory however, consisted of peeled paint and were vandalized.
4	Shower bay		✓		Concrete	1 Shower	1 Shower – 1.7mx1.2m. The shower and bottom tap are both working.
5	Toilet Bays – accessible			✓			The washroom itself and its cubicles were non-accessible.
6	Entry to toilet building		✓		Timber		- Entry to the toilet is beside a classroom and is only visible to the corridor of B2 and the canteen. However, the kitchen ladies are not able to see the students entering the toilet. - Students can be heard from the classroom next to it. - 1-way entrance opening with timber doors.
7	Exit to toilet building		✓		Timber		
8	Menstrual Hygiene facilities		✓			3 Bin	3 bins out of 4 cubicles were provided.
9	Students to **WASH** ratio	Toilet taps: 29:1			Male	N/A	Female 7: 1

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.

Table 8: BUILDING 2_ MALE AND FEMALE STAFF TOILET.

Building Index	B1- STAFF TOILET		
Type:	MENTION THE CONTENTS OF WASHROOMS AT EACH LEVEL. EXAMPLE: • Ground floor: 1 x Staff Male Toilet 1 x Staff Female Toilet		No. of Levels: 3
Dimensions	Length (m): 65.0	Width (m): 13.04 (including walkways)	Height (m): 6.75 (up to eaves)

Existing State of Building							
REF. No.	Building Component	Good[27]	Fair[28]	Poor[29]	Structure Type [30]	Count[31]	Comments
1	Toilet Bays – male		✓		Concrete	2 Cubicles	Cubicle Size: 1.5m x 0.82m x 1.83m high. There are 2 hand basins provided. The Floor tiles were not non-slip tiles. No toilet paper holders per cubicle were provided.
2	Toilet Bays – female	✓			Concrete	6 Cubicle	Cubicle Size: 1.5m x 0.82m x 1.83m high. There are 2 hand basins provided. The Floor tiles were not non-slip tiles. No toilet paper holders per cubicle were provided.

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

3	Toilet Partition between boys and girls.		✓		Concrete		Concrete Partition is satisfactory.
4	Shower bay					1 shower at the female: 1.5m x 0.82m wide.	The shower was not working however, the bottom tap was.
5	Toilet Bays – accessible			✓			Toilets are non-accessible as Doors are 800mm wide for wheelchairs. The main toilet entrance is a single door of 600-700mm wide.
6	Entry to toilet building	✓			Timber		There is only 1 door provided per toilet and is located right in front of the safe staff room.
7	Exit to toilet building	✓			Timber		
8	Menstrual Hygiene facilities	✓				1 bin	Only 1 bin was located in the cubicle.
9	Students to **WASH** ratio	Toilet taps: Male: 7:1 Female: 22:1			Male	4:1	Female 4:1

Comments

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

6 windows are provided at the female toilet and 2 provided in the male toilet.

4) PHOTOGRAPHIC REPORT

Table 9: BUILDING 1 PHOTOGRAPHS.

Client:	TETRA TECH INTERNATIONAL DEVELOPMENT (PTY) LTD	School Name:	DAV GIRLS COLLEGE
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 YEAR 901 CLASSROOM INTERIOR.

PHOTOGRAPH No. 5: INTERIOR

Figure 6: B1 YEAR 1003 CLASSROOM INTERIOR.

PHOTOGRAPH No. 6: INTERIOR

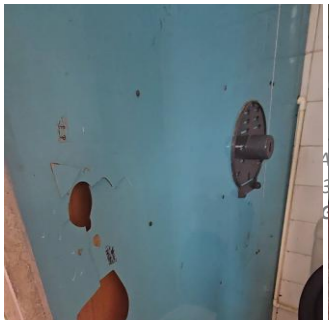


Figure 7: B1 ROOF CLADDING.

PHOTOGRAPH No. 7: ROOF SPACE

Figure 8: B1 WATER TANK WITH TAPS.

PHOTOGRAPH No. 8: WATER TANK

Table 10: BUILDING 2 PHOTOGRAPHS.

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

Figure 9: : B2 FRONT ELEVATION.

PHOTOGRAPH No. 1: FRONT

Figure 10: B2 REAR LEFT SIDE ELEVATION.

PHOTOGRAPH No. 2: LEFT SIDE

Figure 11: B2 REAR / BACK ELEVATION.

PHOTOGRAPH No. 3: BACK

Figure 12: B2 RIGHT SIDE ELEVATION.

PHOTOGRAPH No. 4: RIGHT SIDE

Figure 13: B2 YEAR 1001 CLASSROOM AT GL.

PHOTOGRAPH No. 5: INTERIOR

Figure 14: B2 YEAR 1301 CLASSROOM AT SF.

PHOTOGRAPH No. 6: INTERIOR

Figure 15: B2 COMPUTER LAB INTERNAL ROOM.

PHOTOGRAPH No. 7: INTERIOR

Figure 16: B2 TAPS AND WATER TANK AT GL.

PHOTOGRAPH No. 8: TAPS

Figure 17: B2 HANDBASIN AT THE SF.

PHOTOGRAPH No. 9: TAP.

Figure 18: B2 WALKWAYS AT GL AND SF.

PHOTOGRAPH No. 10: WALKWAYS

Figure 19: B2 STUDENT TOILET INTERIOR.

PHOTOGRAPH No. 11: TOILETS

Figure 20: B2 STUDENT TOILET

PHOTOGRAPH No. 12: TOILETS

Figure 21: B2 FEMALE STAFF SHOWER.

PHOTOGRAPH No. 13: SHOWER.

Figure 22: B2 FEMALE STAFF TOILET.

PHOTOGRAPH No. 14: TOILET.

Table 11: BUILDING 3 PHOTOGRAPHS.

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

Figure 23: B3 FRONT ELEVATION.

PHOTOGRAPH No. 1: FRONT

Figure 24: B3 LEFT SIDE ELEVATION.

PHOTOGRAPH No. 2: LEFT SIDE

Figure 25: B3 REAR / BACK ELEVATION.

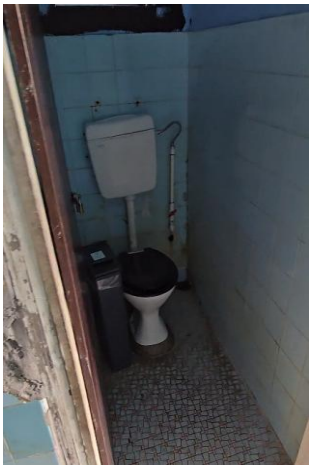
Figure 26: B3 RIGHT SIDE ELEVATION.

PHOTOGRAPH No. 3: BACK	PHOTOGRAPH No. 4: RIGHT SIDE

Figure 27: : B3 YEAR 1101 INTERIOR.

Figure 28: B3 ROOF SHEETING.

PHOTOGRAPH No. 5: INTERIOR	PHOTOGRAPH No. 6: ROOF SHEET



PHOTOGRAPH No. 7: ROOF SPACE	PHOTOGRAPH No. 8: TOILET

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	**0**
	Criteria Item Score		**0.0**
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	**5**
	Criteria Item Score		**5.0**
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	**0**
	Criteria Item Score		**5.0**
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		**25.0**

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:

(8) D.A.V GIRLS COLLEGE SCHOOL