

Safety of children

Student safety

The applicant and Ason group fail to consider the children's safety in Appendix L.

There are no existing provisions for footpaths along the Catherine Fields Road frontage in the northern or southern directions. As part of the Council's Pedestrian Access and Mobility Plan (2014), there is no anticipated footpath works planned for the Catherine Field area.

School bus routes will be explored to further service the future student population.

- Currently there are no provisions or anticipated future provisions for footpaths or cycling paths along the Catherine Fields Road frontage in either direction. This has been determined in consultation with both TfNSW and Camden Council and outlined above. However, as the Catherine Field North Precinct expands to accommodate new residential development, it is expected that the current footpath network will grow to provide adequate connectivity through the locality.

It is anticipated that the school would encourage families to move closer therefore putting students lives at risk with no provisions for further footpaths beyond the school. Parts of Catherine Field road is 80km/h and it would not be safe for students who live nearby to walk to school. Minarah College and Ason Group should be held accountable if this project is approved and there is an injury or fatality to pedestrians in the future.

The EMA is below the playing field. This is a potential health risk to students. It appears as the school population grows, the ema area shrinks. In the event of flood, which has been quite frequent in Catherine Field, ow will the ema be prevented from spilling and entering flood waters toward south creek?

Camden Council SMS (2022) requires the provision of a reserve area equal to 50% of the primary EMA for commercial aerated wastewater treatment systems. Reserve area is available to meet the 50% requirement for Stages 1 and 2 of the development, **however inadequate reserve area is available for Stages 3 and 4.** A secondary treatment system with a subsurface irrigation system comprises an 'improved wastewater treatment and land application system'. In accordance with c 5.5.3.4 of AS / NZS 1547 (2012), a reserve irrigation field is not considered necessary.

Also, Sewer treatment plant shown on staging plan is TBC and is only for Stage 1 and 2. The Onsite wastewater management system and sewerage system staging is unclear.

Martens assessment has identified the available Effluent Management Area's (EMA's) for stages 1-4, which are depicted in the Figures below and are summarised in Table 17. Stage 1 works will include the installation of suitable EMA soil material under the playfield, as is indicated in the Civil Engineering Plans appended to this Report. Construction of the EMA profile at this stage, will limit future impacts to students play space during future staged EMA installation.

An effluent storage system is also required to temporarily store effluent throughout the week to enable balanced irrigation across the week to occur, as well as to be able to store effluent when rainfall makes the EMA unsuitable for irrigation.

In the event of continuous rainfall or flood, it would be expected that the playing field would remain soggy for long periods, especially with the capacity of the school from stage 3 onwards. This would reduce the outdoor play space for the children restricting them to be indoors inside the hall.

- It is recommended that the school implement a policy including 'downtime' following rain events to prevent damage to the sports field and EMA.

"downtime to prevent damage to the sports field"! This should read ' to minimize the bacterial health risk to the children'.

Once again, the FERP plan discusses walking students to Catherine Field hall. Why are people continuously told not to drive through flood waters yet this report says that it is safe for pedestrians. With no kerb and gutters, no street lights at night time, how is the school expected to walk 980 students safely to a community hall which only holds 120 people? Further to this, if the students are walking to Catherine Field community hall, they will be walking directly through the overland flow path which at its peak has high flows like a river and can wash away a small child. If approved, Minarah College and Martens should be held accountable for any future loss of life caused by walking students through flood waters. Have they not been made aware that due to the flooding in Catherine Fields and surrounds, people have lost their lives due to driving through flood waters on Anthony road.

The 2022 flood study shows that Catherine Fields Road is affected by H1-H4 flood hazards in the PMF event. However, there is a route between the site and Catherine Field Community Hall which is only affected by up to H2 flood hazards, which is trafficable by pedestrians but not vehicles (refer Figure 3 for definitions). Therefore, the nominated evacuation route from the site is southeast to Catherine Field Community Hall via Catherine Fields Road, a total distance of approximately 1 km. The evacuation

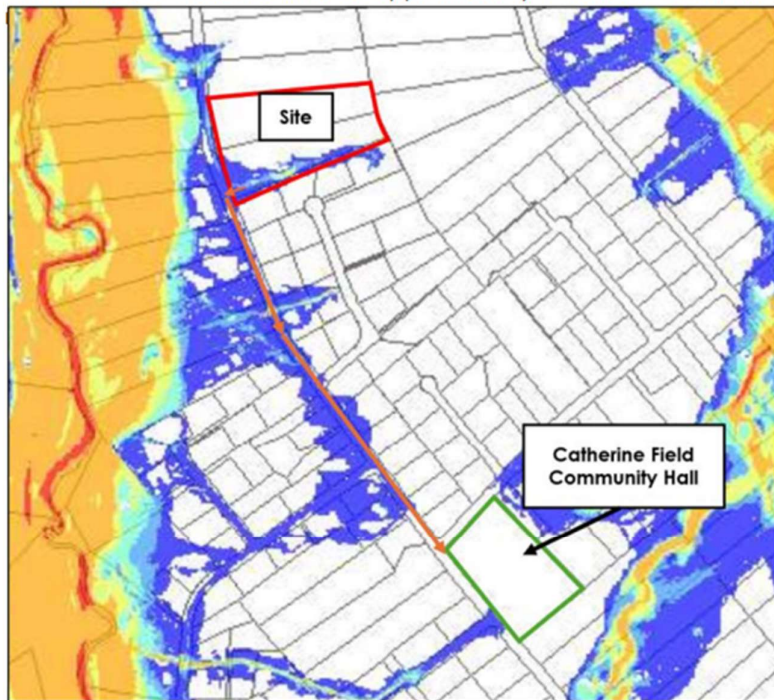
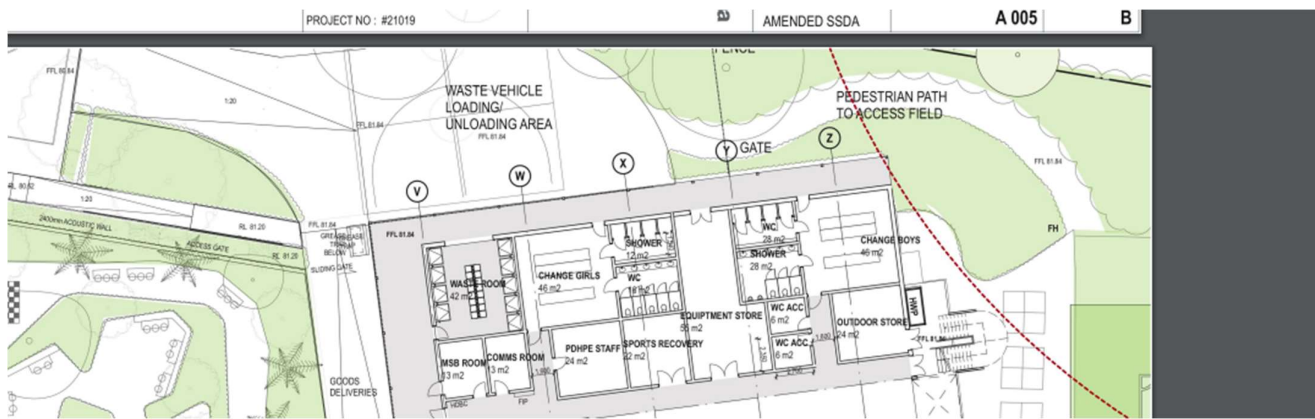


Figure 5 and can be accessed on foot in 12 minutes.

Although we do not recommend the use of this evacuation route, if ordered by SES or if otherwise necessary, this evacuation route can be used by pedestrians at all times, including at the peak of the PMF.

The safety of the students have not been considered positioning the waste vehicle loading/ unloading area within the pedestrian path to access the field. This would most definitely endanger the lives of the students.



I also believe that parking and safety is a huge concern.

Staff numbers, kiss and drop and parking required spaces in Appendix I- by Tonkin Zulaikha Greer Architects clearly contradicts staff numbers, kiss and drop and parking required spaces in Appendix U – by Martens.

	STAGE 1	STAGE 2	STAGE 3	STAGE 4
GFA:	3716 m2	6782m2	9795 m2	11992m2
FSR:	0.093:1	0.17:1	0.24:1	0.29:1
ELC ENROLMENT:	18	42	60	60
SSP ENROLMENT:	10	10	30	30
PRIMARY ENROLMENT:	290	440	505	505
SECONDARY ENROLMENT:	0	160	385	385
STAFF PERMANENT:	15	33	51	51
STAFF CASUAL:	2	4	6	6
KISS AND DROP PROVIDED :	17	17	30	30
PARKING REQUIRED:	23	57	89	89
PARKING PROVIDED:	24	86	95	95

	STAGE 1	STAGE 2	STAGE 3	STAGE 4
GFA:	3051m2	6782m2	9717m2	11486m2
FSR:	0.076:1	0.17:1	0.24.2:1	0.29:1
ELC ENROLMENT:	18	42	60	60
SSP ENROLMENT:	10	10	30	30
PRIMARY ENROLMENT:	290	440	505	505
SECONDARY ENROLMENT:	0	160	385	385
STAFF PERMANENT:	15	33	51	51
STAFF CASUAL:	2	4	6	8
KISS AND DROP REQUIRED:	42	84	123	144
KISS AND DROP PROVIDED :	17	17	30	30
PARKING REQUIRED:	23	50	78	105
PARKING PROVIDED:	24	74	83	138

Map Title / Figure:

Stage 4 Available and Indicative EMA

Map 05

268 and 278 Catherine Fields Road, Catherine Fields, NSW.

Minarah College

Map

Site

Project

Which is correct. Are Tonkin Zulaikha Greer Architects providing false information? If more parking, kiss and drop spaces are required, how will the safety of the students be monitored. This clear inconsistency shows that there is a total of 59 staff (full time and casual), the required number of kiss and drop spaces is 144 and not 30. Lastly, the parking required shows 105 not the 89 as in Appendix I.

With these outrages numbers, the students lives within the car parking area and kiss and drop zone will be at risk. Tonkin Zulaikha Greer Architects should be held accountable for any loss of life/ injury that may occur should this project be approved.

I strongly object to the approval of Minarah College in any way shape or form.