

APPENDIX 3 - MITIGATION PROPOSALS FOR PITCH AT TRINITY 1

As is the case when a community sports pitch is at risk of being redeveloped, the Council has an obligation to provide an alternative provision of equivalent community benefit, made available locally, avoiding any temporary loss of provision.

The Trinity 1 pitch, which would be redeveloped should the proposal to expand Trinity Fields Special School be agreed, is 106m x 66m with a 3m grass run off to all sides. The pitch has hard standing and fencing to two sides and barriers to three sides. The pitch is underpinned by drainage and is considered a good and durable playing surface. The pitch does not benefit from any lighting at present.

To mitigate the potential redevelopment of the pitch at Trinity 1, the Council is proposing the following:

Mitigation 1 - Creation of a new senior pitch at Sue Noake Leisure Centre (SN2)

A new senior pitch will be created at the Sue Noake Leisure Centre. The pitch will be available for use prior to the pitch at Trinity 1 becoming unusable.

The new pitch will be 102m x 60m with a 5m grass run off to all sides. There will be a partial hard standing and barrier to the one try line and a hard standing to the full length of one side of the pitch. Fencing will be erected behind the far try line (See Illustration 1 below).

Illustration 1 – Proposed Visuals for the new Pitches at Sue Noake



The existing surface will be enhanced and will be made more durable for extended use by an external pitch specialist. The specific works are set out below:

- **Selective weed kill** the pitch, ensuring the correct time frames are appropriate for maximum absorption take up.
- **Hollow core** to 3-4 inches,

- **Tine rake/scarify** - ensuring the removal of the weeds, unwanted meadow grass and minimising thatch build up, allowing LJPS to thin the pitch and encourage stronger rooting to establish.
- **Top dress**, 110 tonne sand to playing surface
- **Spreading** and incorporation of sand
- **Verti- drain**
- **Drag brush surface** to incorporate sand into pitch profile
- **Disc seed** new grass seed into soil profile 250 kg winter sport Rye grass
- **Fertiliser 300 kg** to assist in establishing new seedlings and pitch recovery
- **Increase aeration throughout the season** i.e. verti-drain, shockwave, A2G2 - decreasing compaction, increasing porosity and respiration within the soil, creating a fracking effect allowing water to pass through (Aeration, verti -draining and shock wave operations will be carried out when optimum conditions will allow).
- **Fertiliser** -Slow release fertiliser to be applied with 5/6 month longevity acting as a base feed with additional top up feeds as required (300 kg to main pitch)

A drainage system will also be installed under the playing surface to further improve usage and the management of surface water. The specific works are set out below:

Main Drain

- Using contractor provided plant and equipment allow to excavate 600-700mm deep trench, install 150mm dia perforated drainage pipe.
- Backfill to within 150mm of the surface with clean stone 6-10mm and top to the surface with 150mm of medium fine sand.

Laterals

- Installation generally as above for 80mm dia perforated drainage pipe, 450mm depth, and backfilled as above. Installed at 5 m centres

Junctions

- Install preformed plastic junctions to connect laterals to pitch main

Following the implementation of the drainage and renovation programme detailed above for SN2, the external pitch specialist is confident that the pitch surface will be robust and playable throughout the winter season.

Mitigation 2- Upgrade existing senior rugby pitch at Sue Noake (SN1)

The pitch at SN1 is 108m x 63m with a 5m grass run off to all sides. The pitch will be available for use prior to the pitch at Trinity 1 becoming unusable

The existing pitch will be moved closer to the boundary to maximise the available playing surfaces across SN1 and SN2. New hard standing and barriers will be installed to three sides

of the pitch. New fencing will be erected to one side of the pitch and behind the far try line (See Illustration 2 below).

Illustration 2 – Proposed Visuals for the new Pitches at Sue Noake



The existing playing surface will be enhanced and will be made more durable for extended use by an external pitch specialist. The specific works are set out below:

- **Selective weed kill** the pitch, ensuring the correct time frames are appropriate for maximum absorption take up.
- **Hollow core** to 3-4 inches,
- **Tine rake/scarify** - ensuring the removal of the weeds, unwanted meadow grass and minimising thatch build up, allowing LJPS to thin the pitch and encourage stronger rooting to establish.
- **Top dress**, 110 tonne sand to playing surface
- **Spreading** and incorporation of sand
- **Verti- drain**
- **Drag brush surface** to incorporate sand into pitch profile
- **Disc seed** new grass seed into soil profile 250 kg winter sport Rye grass
- **Fertiliser 300 kg** to assist in establishing new seedlings and pitch recovery
- **Increase aeration throughout the season** i.e. verti-drain, shockwave, A2G2 - decreasing compaction, increasing porosity and respiration within the soil, creating a fracking effect allowing water to pass through (Aeration, verti -draining and shock wave operations will be carried out when optimum conditions will allow).

- **Fertiliser** -Slow release fertiliser to be applied with 5/6 month longevity acting as a base feed with additional top up feeds as required (300 kg to main pitch)

Mitigation 3 – Creation of a New Mini & Junior pitch at Ystrad Mynach Park

The Pitch, which will be known as Trinity 3, will be 84m x 44m with a five metre grass run off to all sides. The pitch will be available for use prior to the pitch at Trinity 1 becoming unusable.

The new pitch will be marked out and rugby posts will be erected (See Illustration 3 below).

Illustration 3 – Proposed Mini and Junior Pitch Layout at Trinity 3



The playing surface will be enhanced and will receive verti draining treatments and regular maintenance to enhance its playability.

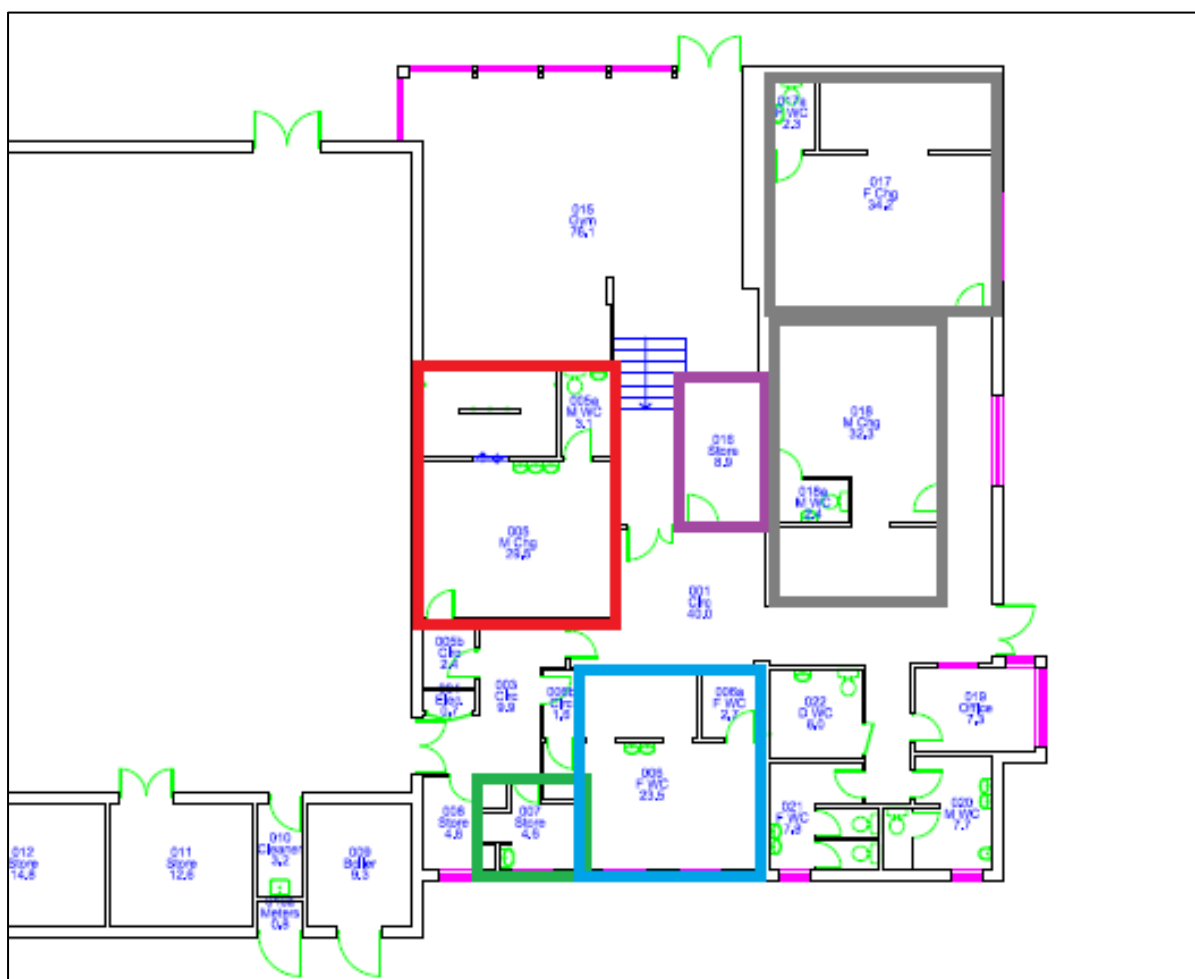
Mitigation 4 – Provision of additional Changing Facilities at Sue Noake LC

Illustration 4 (over the page) shows the configuration of the additional changing facilities at the Sue Noake Leisure Centre.

The Council is bringing back into use two currently disused changing rooms and adjacent shower rooms to provide two additional changing facilities at the Centre.

The Council is also introducing Officials changing and showering facilities and will provide a First Aid and Medical Room as shown below.

Illustration 4 – Additional Changing Facilities at Sue Noake LC



Key

- ▣ - 2 x Existing Changing Facilities at the Sue Noake Leisure Centre
- ▣ - 1 x Proposed Additional Team Changing and Shower Facility
- ▣ - 1 x Proposed Additional Team Changing and Shower Facility
- ▣ - 1 x Proposed Match Officials Changing and Shower Facility
- ▣ - 1 x First Aid and Medical Room

Mitigation 5 - Lighting Enhancements at Sue Noake Leisure Centre

The temporary training lights in situ at Sue Noake 1 (currently installed on the stanchions to the rear of the Astro Turf) will be replaced with enhanced permanent LED lighting ahead of the new season.

The enhanced permanent LED lighting will facilitate training across a wider section of the pitch at SN1 than is currently possible with the existing temporary training lighting. A lighting diagram will be developed and shared with the club to demonstrate coverage.

Mitigation 6 - Emergency Vehicle Access at Sue Noake Leisure Centre

Emergency Vehicle access will be created to the pitches at Sue Noake Leisure Centre. The most likely route will be between the lower car park at Lewis Girls School and the rear of the ATP. This will be confirmed following site investigations and detailed design works.

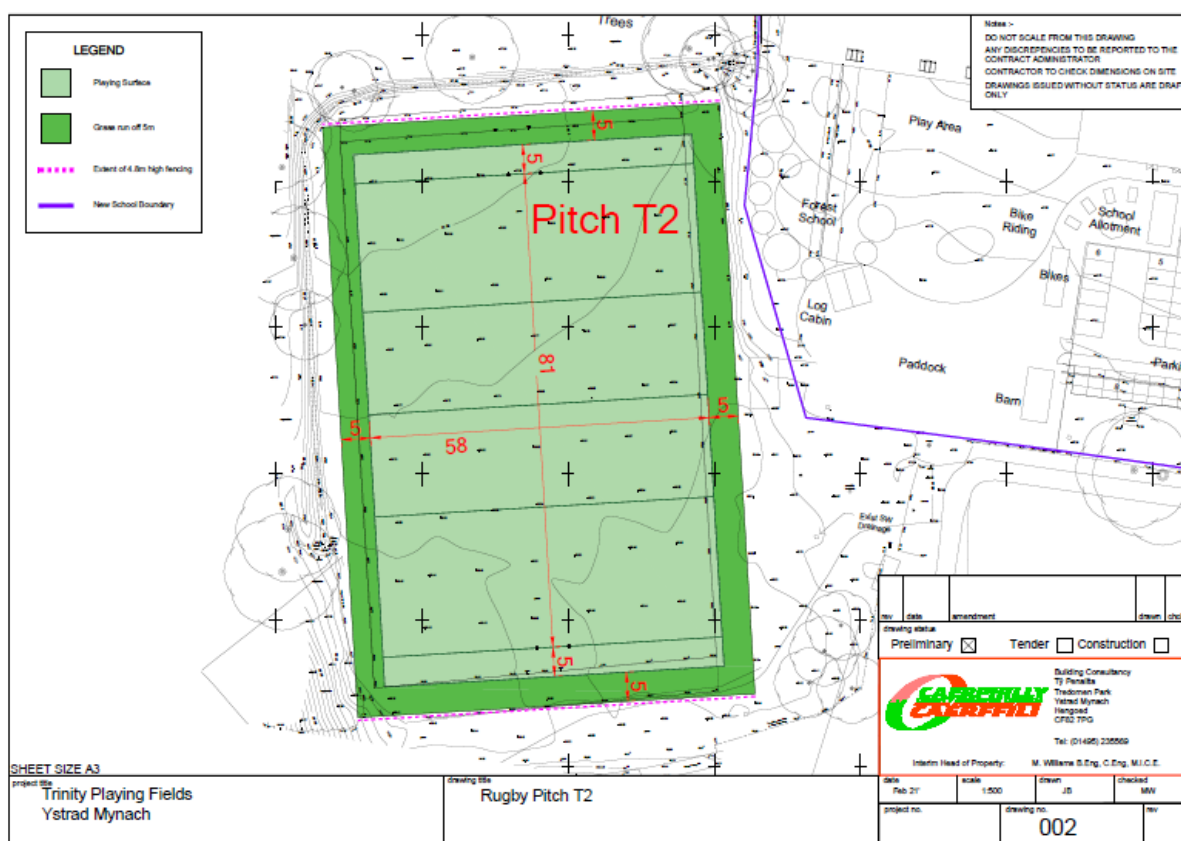
Mitigation 7 - Access Path Enhancements at Sue Noake Leisure Centre

The paths from the entrance of the Sue Noake Leisure Centre to pitch level will be assessed and, if necessary, upgraded to meet DDA requirements.

Mitigation 8 - Lighting Installation at Trinity 2

Through discussion, the Council and Club Officials have agreed not to introduce hard standing or barriers around the pitch at Trinity 2 as doing so would reduce the existing playing surface. The club have asked for consideration to be given to the installation of fencing to the one side of the pitch but only if its installation doesn't reduce the playing surface. The Council would support this mitigation and will undertake the design work (See Illustration 5).

Illustration 5 – Pitch at Trinity 2



New training lights will be installed alongside the pitch at Trinity 2 to provide winter training opportunities where those don't currently exist.

Mitigation 9 - Fields in Trust Status

The Council will apply for Fields in Trust status for the pitches at SN1 and 2 and Trinity 2 and 3 where the pitches don't already have this status. This will provide additional safeguards against the redevelopment of these fields moving forward.

Mitigation 10 – Remedial Drainage Works at Sue Noake Leisure Centre

Previous surface water flooding has occurred at the Sue Noake Leisure Centre, primarily on the ATP surface, which in turn has caused problems with usage. The problem has been traced

to a crushed drainage pipe between the lower car park at Lewis Girls School and the ATP.

The Council has commissioned remedial works to repair the pipe and allow water to once again drain freely. This work is scheduled to start mid March 2021.

Please note that all pitch dimensions quoted in this document are approximate at present.
ENDS