

Comhairle Chontae Chorcaí **Cork County Council**

PLANNING & DEVELOPMENT ACT 2000

PLANNING & DEVELOPMENT REGULATIONS 2001

PLANNING & DEVELOPMENT REGULATIONS 2006



PART VIII REPORT

INSTALLATION OF PV PANELS AT FERMOY SWIMMING POOL

**Public Notice in Compliance with Part XI of the Planning & Development Act 2000
as set down in Part 8 of the Planning and Development Regulations 2001 and
Articles 17 to 19 of the Planning and Development Regulations 2006**

December 2021

REVISION CONTROL SHEET

| | | | For & on behalf of Cork Co. Co. | | |
|----------|------------------------|--------------|---------------------------------|-------------|----------|
| Revision | Description of Changes | Prepared by | Checked by | Approved by | Date |
| A | Issued for Planning | F. Jones E.E | M Hayes SEO | M Hayes SEO | Dec 2021 |
| | | | | | |
| | | | | | |

DEVELOPMENT OF BORED WELL

TABLE OF CONTENTS

| | | |
|-----|---------------------------------|---|
| 1.0 | INTRODUCTION | 4 |
| 2.0 | SCHEME BACKGROUND | 4 |
| 3.0 | PROPOSED WORK..... | 6 |
| 4.0 | ENVIRONMENTAL RESTRICTIONS..... | 6 |
| 5.0 | IMPACT OF THE SCHEM..... | 6 |
| 6.0 | DRAWINGS | 7 |

1.0 INTRODUCTION

This application for planning permission is in respect of the installation of new cladded roof membrane and PV panels on the roof at the exiting municipal swimming pool at Carrignagroghera, Fermoy, Co. Cork. Part VIII of the Planning and Development Regulations, 2001 sets out the requirements in respect of specific development by, on behalf of, or in partnership with Local Authorities. The proposal works at the Swimming Pool is therefore required to comply with these requirements as set out herein.

2.0 SCHEME BACKGROUND

Fermoy Swimming Pool was originally constructed in the 1970's at the current location and this was redeveloped in 1996. The complex located in the Town Park, close to the River Blackwater include the following facilities:

- 5 Lane 25m x 9m swimming Pool
- 5m x 8m Children's Leaner Pool
- Viewing Area
- Reception Area and administrative Office
- Female & Male Changing Areas
- Sauna Room
- Steam Room
- Plant Room by 2
- Store Room
- Karate Club
- Lifeguard Station and staff changing room



Fig 1 - Front Façade of Fermoy Swimming Pool

The pool typically operates from 6.00am to 10.00pm Monday to Friday and from 7.00am to 7.00pm on Saturday & Sunday. The numbers of customers/footfall is outlined below:

2018 – 105,000
2019 – 158,267

Typically, usage of the pool is approximately 3,043 per week.

The pool is the home of the Fermoy Swimming Club and hosts Swimming Gala's at various times. Other clubs which utilise the Pool include:

- Blackwater Triathlon Club
- Fermoy Rowing Club
- Blackwater Sub Aqua Club
- Water Wellness
- Friends of Dean & Padraig "Special Needs Group"

The pool is extensively used by Schools to provide lesson to students. The schools that use the pool at Fermoy are listed in Table 1.

| | |
|--------------------------------------|-------------------------------|
| Adare National School | Angelsborough National School |
| Araglin N.S. | Ballindangan N.S |
| Ballyhooley N.S | Ballylanders N.S |
| Bartlemy N.S | Bishop Murphy's N.S. |
| Burncourt N.S. | Castlelyons N.S. |
| Colaiste An Chraoibin Secondary | Curraglass N.S. |
| Curragalla N.S. | Gael Scoil De Hide N.S. |
| Glanworth N.S. | Glenahulla N.S. |
| Grange N.S. | Kilbehenny N.S. |
| Kildorrery N.S. | Kilworth N.S. |
| Ballinacurrag N.S. | Loretto Secondary School |
| Mitchelstown C.B.S. | Bunscoil Mitchelstown |
| Presentation Fermoy | Rathcormac N.S. |
| Shanballymore N.S. | Skeenarinky N.S. |
| C.B.S. Secondary School Mitchelstown | St. Colman's College Fermoy |
| St. Joseph's N.S. | Watergrasshill N.S. |
| Kncokadea N.S. | Ballygiblin N.S. |
| Presentation Secondary Mitchelstown | Ballynoe N.S. |
| Conna N.S. | |

Table 1 – List of Schools that use Fermoy Swimming Pool

Additional Pool Staff operate a Swimming Learning Programme Courses for adults and children.

3.0 PROPOSED WORK

In order for the pool to continue to serve the population of Fermoy and its surrounding hinterland, the following works are proposed to be undertaken:

- Fit a new cladded roof with thickness of approximately 150mm to 200mm complete with necessary fixing supports to over roof the existing roof structure complete with new guttering system in order to improve the thermal efficiency and to eliminate water ingress into the complex
- Install PV panel solar array system on top of the portal roof structure or be integrated within the new cladding and link into electrical system within the building. It is expected the PV Solar system will be cover approximately 1,200m² of the roof.

4.0 ENVIRONMENTAL RESTRICTIONS

None Envisaged.

5.0 IMPACT OF THE SCHEME

The upgrade and redevelopment of the Fermoy Swimming Pool will allow for the facilities to modernise and future proof the operation of pool facilities for the population of Fermoy Town and its surrounding hinterland for another generation.

The proposed works will improve the decarbonisation and CO₂ reduction being promoted and directed by National Government and which Cork County Council is actively carrying out by the undertaking of such projects.

This project will improve the sustainability of the pool by the following:

- With the installation of new cladded membrane, it will lead to a reduction of thermal losses through the roof, thus a reduction in thermal heating costs
- With the PV Solar panel generating power, it will reduce the need to import electricity from the grid.

Approximately 3,043 persons use the pool per week which equates to approximately 158,267 swimmers per year. With new and upgraded facilities, the pool will continue and increase social participation in swimming by allowing for people of all ages, from children to the elderly, to come and use the pool.

The upgraded facilities is open to the public, clubs, schools, Wellness Group (generally retirees) etc. The pool is open year-round and actively used year-round. Due to its enclosed nature the pool is not weather dependent, therefore many other sporting clubs and persons will use the pool facilities when they cannot train in their own sporting code in off season periods or when prevented to do so by weather issues.

The upgrade facilities will allow for the children from the numerous schools to gain a skill in swimming, undertaken in a safe and secure location with changing facilities for each individual person.

As the development is not located in an area of special amenity or obstructs any view or prospect of special amenity value or special interest, there is no obligation to notify prescribed bodies such as Failte Eireann, Heritage Council, An Taisce etc of the application.

The proposed works is in accordance with the Fermoy Town Development Plan and thereby conforms to the proper planning and sustainable development of the area.

6.0 DRAWINGS

It should be noted that the layouts shown on the drawings are indicative only and are subject to revision. This is due to the procurement method.

| Drawing No. | Description |
|--------------------|----------------------|
| FY-021-036-001 | Site Location Map |
| FY-021-036-002 | Site Survey |
| FY-021-036-003 | Elevations |
| FY-021-036-004 | Existing Floor Plans |
| FY-021-036-005 | Roof Plan |