

Waterford Ireland's Best Place To Live

"Some work done and more to do"

Walter Holden A / Senior Architect
Housing Supply, Maintenance, Improvement and Ukraine Housing

CSO Vacancy rate status WCCC

2016

- Total dwelling 52,491
- Total Vacancy 5,194
- Vacancy Percentage 10%

2022

- Total dwelling 54,847
- Total Vacancy 3,871
- Vacancy Percentage 7%

Figure 4.2 Vacancy rate by dwelling type and county, 2016 to 2022



July 27, 2023 11:00:00 UTC

© Central Statistics Office, Ireland https://data.cso.ie/table/F2027



It's too expensive

Society of Chartered Surveyors Ireland.

Real Cost of Renovation: Derelict & Vacant Properties for Residential Use

Table 1: Summary of financial viability – 20 case studies of vacant and derelict property.

| | Total development costs, incl. VAT | Market value pre renovation | Market value after renovation | Financial viability assessment (without any grants) | Financial viability assessment with Croí Cónaithe (Towns) Fund Scheme (€30k) | Financial viability assessment with Croí Cónaithe (Towns) Fund Scheme (€50k) | Financial viability assessment with €50k Croî Cónaithe + SEAI* (€21.5k) | If Croí Cónaithe (Towns) Fund Scheme is €100k |
|--|--|-----------------------------------|-------------------------------------|---|--|--|---|--|
| Trim, Meath | €328,896 | €95,000 | €350,000 | -€73,896 | -€43,896 | -€23,896 | -€2,396 | €26,104 |
| Salthill, Galway | €374,774 | €725,000 | €1,175,000 | €75,226 | €105,226 | €125,226 | €146,726 | €175,226 |
| Askeaton, Limerick | €161,477 | €40,000 | €140,000 | -€61,477 | -€31,477 | -€11,477 | €10,023 | €38,523 |
| Abbeyfeale, Limerick | €189,601 | €55,000 | €145,000 | -€104,601 | -€74,601 | -€54,601 | -€33,101 | -€4,601 |
| Askeaton, Limerick | €219,657 | €30,000 | €145,000 | -€104,657 | -€74,657 | -€54,657 | -€33,157 | -€4,657 |
| Ballinalack, Westmeath | €227,824 | €85,000 | €225,000 | -€87,824 | -€57,824 | -€37,824 | -€16,324 | €12,176 |
| New Bride Street, Portobello, Dublin 8 | €377,162 | €385,000 | €865,000 | €102,838 | €132,838 | €152,838 | €174,338 | €202,838 |
| Main Street, Dundrum, Dublin 14 | €338,256 | €410,000 | €575,000 | -€173,256 | -€143,256 | -€123,256 | -€101,756 | -€73,256 |
| Dun Laoghaire, Dublin | €176,203 | €245,000 | €425,000 | €3,798 | €33,798 | €53,798 | €75,298 | €103,798 |
| Prosperous, Kildare | €289,673 | €170,000 | €325,000 | -€134,673 | -€104,673 | -€84,673 | -€63,173 | -€34,673 |
| Schull, Cork | €280,022 | €300,000 | €600,000 | €19,978 | €49,978 | €69,978 | €91,478 | €119,978 |
| Kells, Meath | €291,540 | €200,000 | €400,000 | -€91,540 | -€61,540 | -€41,540 | -€20,040 | €8,460 |
| Beara, Cork | €605,410 | €230,000 | €450,000 | -€385,410 | -€355,410 | -€335,410 | -€313,910 | -€285,410 |
| Killarney Post Office, Kerry | €1,135,672 | €675,000 | €1,200,000 | -€610,672 | n/a | n/a | n/a | n/a |
| Bailieborough, Cavan | €1,098,320 | €100,000 | €800,000 | -€398,320 | n/a | n/a | n/a | n/a |
| Henry Street, Dublin | €658,805 | €165,000 | €790,000 | -€33,805 | n/a | n/a | n/a | n/a |
| Kilkenny Post Office, Kilkenny | €516,218 | €200,000 | €630,000 | -€86,218 | n/a | n/a | n/a | n/a |
| Grafton Street, Dublin | €861,726 | €378,000 | €1,300,000 | €60,274 | n/a | n/a | n/a | n/a |
| Main St, Askeaton, Limerick (Unit 1 and 2) | €353,573 | €150,000 | €385,000 | -€118,573 | n/a | n/a | n/a | n/a |
| Clondalkin, Dublin 20 | €490,799 | €120,000 | €440,000 | -€170,799 | n/a | n/a | n/a | n/a |

^{*}Average Sustainable Energy Authority of Ireland (SEAI) grant (£21,500) drawn down by consumers for similar properties to those in the case studies. SEAI grants are not applicable to new buildings or extensions. An SEAI Better Energy Home Scheme Grant may be available in combination with the Croí Cónaithe (Towns) Fund. Works covered by the SEAI Better Energy Homes Scheme will therefore not be covered under the Vacant Property Refurbishment Grant. The local authority must satisfy itself that proposed works are not claimed for under any other grant. Further details are available on the SEAI website: www.seai.ie. Source: SCSI research.

"less than a third of the buildings would be financially viable for restoration to habitable use."

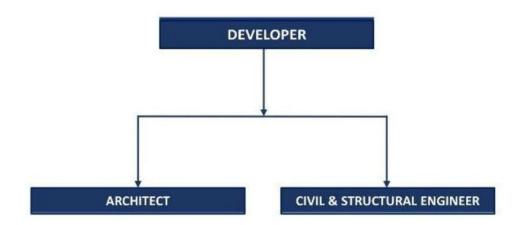
Dr Kathleen Stokes & Michelle Connolly Opportunities and challenges of vacant above the shop units for residential use in Ireland



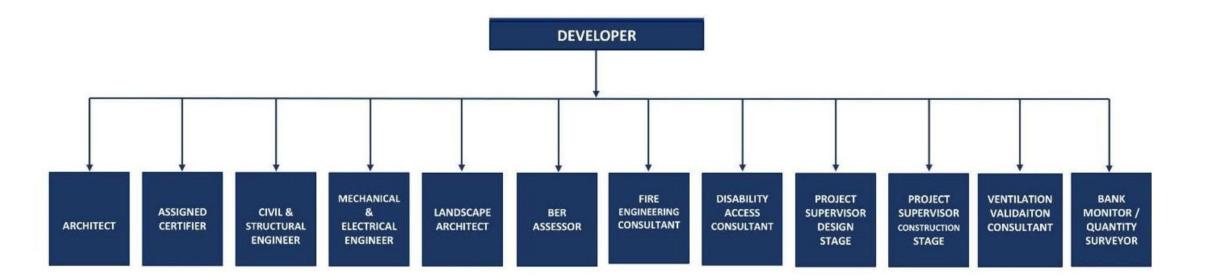
"Financially, it worked out two to three times the cost of delivering a new unit,"



Typical Team Structure – Galway Residential Project 2003



Typical Team Structure – Galway Residential Project 2023





Procurement Traffic Management Rising Damp Architect's Opinion Contractor Statutory Conservation **Party Wall** Certifiers **Agreement Fire Services Act Undertakers** Fire Safety Road Opening Structures Guidelines Good and Marketable Title Certificate Local Property Vacan Can CyLimitations Planning Sound Proofing Rates Dereliction Proof of Structural Building Regulations Ke-USE Rental Condition Licence Regulations **Building Control** Change of Ancillary Safety Regulations Legal Shop Fees Over-Shop Compulsory Purchase Order Risk Assessment **Probate**

Regulations Re-Use



Bringing Back Homes

Manual for the reuse of existing buildings (2nd edition)







Bringing Back Homes

| Existing Building | Reuse Options | Do the works require Planning Permission? | Do the works require a Fire Safety Certificate? | Do the works require a Disability Access Certificate (DAC)? |
|---|---|--|--|--|
| Type 4 Multi-Storey Building (Non-Dwelling) | Option a Conversion of a multi-storey building (non-dwelling) into a single dwelling. Dwelling 1 Dwelling 1 Dwelling 1 | Planning permission required unless Exempted Development Regulations, 2022 apply, (See Appendix 1). | A Fire Safety Certificate is not required for a building which undergoes a material change of use* to a single dwelling. | A Disability Access Certificate is not required. |
| Non Dwelling Non Dwelling Elevation Section | Option b Maintaining a non-dwelling unit at ground floor and creating a two-storey dwelling overhead. Dwelling 1 Non Dwelling | Planning permission required unless Exempted Development Regulations, 2022 apply, (See Appendix 1). | A Fire Safety Certificate is required for a building which undergoes a material change of use,* i.e. the whole building. | A Disability Access Certificate is not required for a material change of use to a dwelling(s). |
| | NOTE: This is a material change of use* of the building. | | | |
| | Option c Conversion of a multi-storey building (non-dwelling) into multiple dwellings. Dwelling 1 Dwelling 2 Dwelling 3 | Planning permission required unless Exempted Development Regulations, 2022 apply, (See Appendix 1). | A Fire Safety Certificate is required for a building which undergoes a material change of use,* i.e. the whole building. | A Disability Access Certificate is not required. |
| | Option d Maintaining a non-dwelling unit at ground floor and creating multiple dwellings overhead. Dwelling 1 Dwelling 2 Non Dwelling | Planning permission required unless Exempted Development Regulations, 2022 apply, (See Appendix 1). | A Fire Safety Certificate is required for a building which undergoes a material change of use,* i.e. the whole building. | A Disability Access Certificate is not required for a material change of use to a dwelling(s). |
| NOTE: * Reference to Material change of use | e in the context of Building Regulations (See Appendix 2). | ** Planning permission may be re works on the ground floor confli plan for the ground floor to rem | ct with an objective in the rele | evant development or local area |



Bringing Back Homes

Figure 6 - Type 4 Multi-Storey Building (Non-Dwelling)

Option a

Conversion of a multi storey building (non dwelling) into a dwelling



Typical Scale of Intervention

- Building Regulations* apply, as this work is a material change of use to the building. Typical works will include:
- Fire resistance of floors and stairway enclosure
- Provision of services (including heating, lighting and plumbing)
- Installation of fire-alarm system in the dwelling
- Upgrade of thermal insulation
- Replacement of windows

NOTE: Where the building is greater than 3 storeys in height, further provisions/measures may apply.

 Rental standards regulations apply in any case where it is proposed to offer a dwelling for rental.**

Option b

Maintaining a non-dwelling unit at ground floor and creating a two storey dwelling overhead



Typical Scale of Intervention

- Building Regulations* apply, as this work is a material change of use to the upper floor levels. Typical works will include:
 - Fire resistance of intermediate floor and stairway enclosure
- Fire separation and sound insulation between nondwelling and dwelling (walls and floors)
- Provision of independent services (including heating, lighting and plumbing)
- Installation of fire-alarm system in the dwelling
- Upgrade of thermal insulation
- Replacement of windows

NOTE: Where the building is greater than 3 storeys in height, further provisions/measures may apply.

 Rental standards regulations apply in any case where it is proposed to offer a dwelling for rental.**

Option c

Conversion of a multi-storey building (non-dwelling) into multiple dwelling



Typical Scale of Intervention

- Building Regulations* apply, as this work is a material change of use to the building. Typical works will include:
- Fire separation and sound insulation between dwellings (walls and floors) and access corridors
- Provision of independent services to each dwelling (including heating, lighting and plumbing)
- Installation of integrated fire-alarm system in the building
- Upgrade of thermal insulation
- Replacement of windows

NOTE: Where the building is greater than 3 storeys in height, further provisions/measures may apply.

 Rental standards regulations apply in any case where it is proposed to offer a dwelling for rental.**

*See Appendix 2 for the application of the Building Regulations to works to existing buildings.

**See Appendix 3 for Minimum Standards in Rented Accommodation

Option d

Maintaining a non-dwelling unit at ground floor and creating multiple dwellings overhead



Typical Scale of Intervention

- Building Regulations* apply, as this work is a material change of use to the upper floors. Typical works will include:
 - Fire separation and sound insulation between dwellings (walls and floors), access corridors and non-dwelling unit
- Provision of independent services to each dwelling (including heating, lighting and plumbing)
- Installation of integrated fire-alarm system in the building
- Upgrade of thermal insulation
- Replacement of windows

NOTE: Where the building is greater than 3 storeys in height, further provisions/measures may apply.

 Rental standards regulations apply in any case where it is proposed to offer a dwelling for rental.**



Example



| 05 Mall Lane, Wat | (2 bed) | |
|-------------------|-----------|------------|
| Purchase Costs | €120,000* | €120,000* |
| Works Costs | €240,000 | (€120,000) |
| Other Costs | €10,000 | €10,000 |
| Total Cost | €370,000 | €250,000 |
| Per bed costs | €92,500 | €125,000 |



15 Chapel Street Lismore 2 Bed

| Purchase Costs | €50,000* |
|----------------|----------|
| Works Costs | €120,000 |
| Other Costs | €10,000 |
| Total Cost | €180,000 |

Per bed costs €90,000

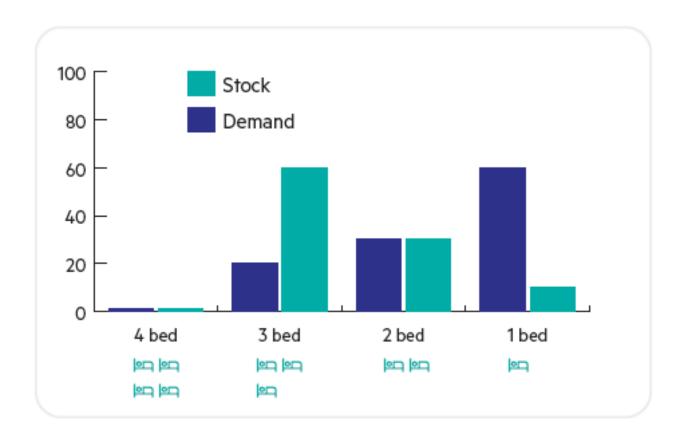
*(Pre Croí Conaíthe)



Social Housing Requirements

Social housing needs

- 81% of WCCC needs is in Waterford City Metropolitan District
- 11% are classified as having a disability
- 10% of WCCC needs are classified as being over 60 years of age
- 11% of WCCC needs are classified as being over 50-59 years of age







Return to Use of vacant property Housing

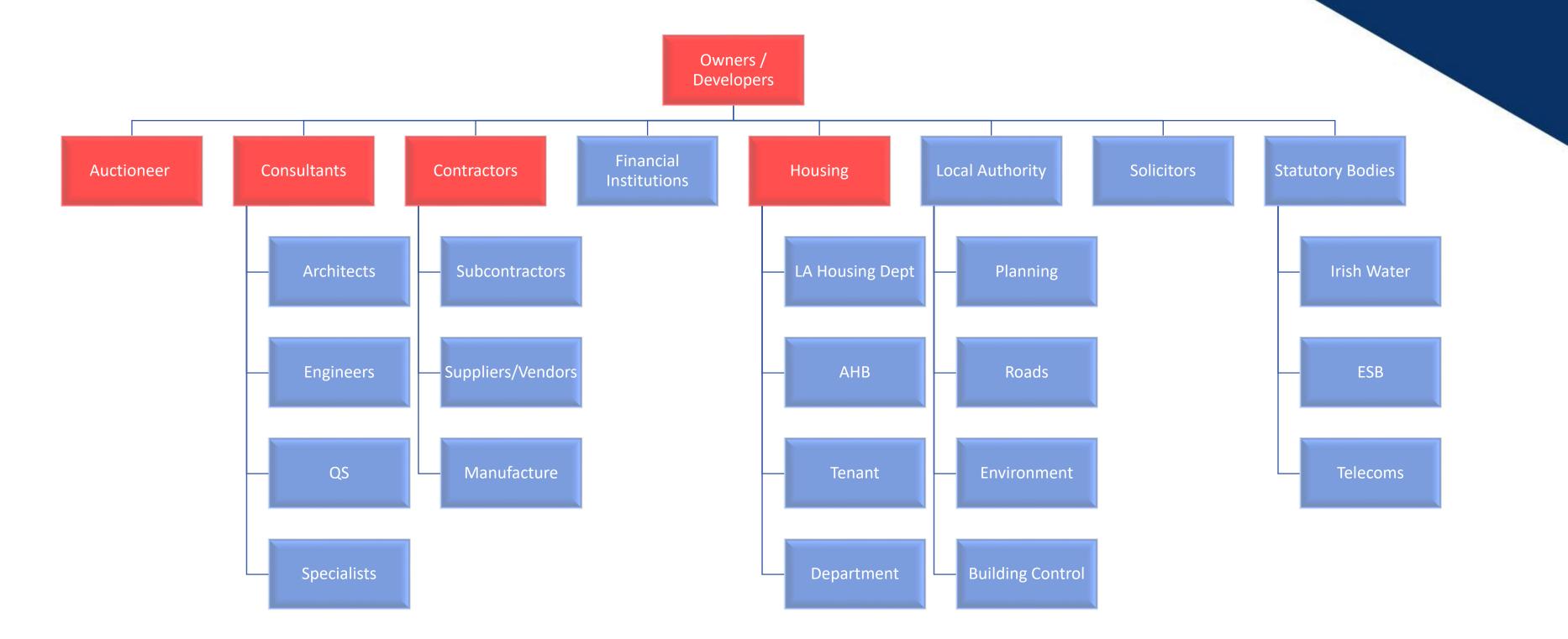
- Repair and Lease
 - Over 350 dwellings have been delivered
 - C. 160 dwellings in the pipeline
- Croi Conaithe, Vacant Property Refurbishment Grant
 - 14 Completed
 - Over 214 applications received
- Buy and Renew
 - Over 190 dwellings have been delivered
 - C. 15 dwellings in the pipeline
- Renew Construction / Turnkeys
 - Over 21 dwellings have been delivered
 - C. 80 units in the Pipeline
- Brownfield site construction
 - Over 150 dwellings have been delivered
 - C. 250 units in the Pipeline

| Time | Administrative | Time |
|------|-----------------------|--------------------------------|
| 100% | Grade 5 Staff officer | 100% |
| 50% | | |
| 85% | | |
| | 100% | 100% Grade 5 Staff officer 50% |

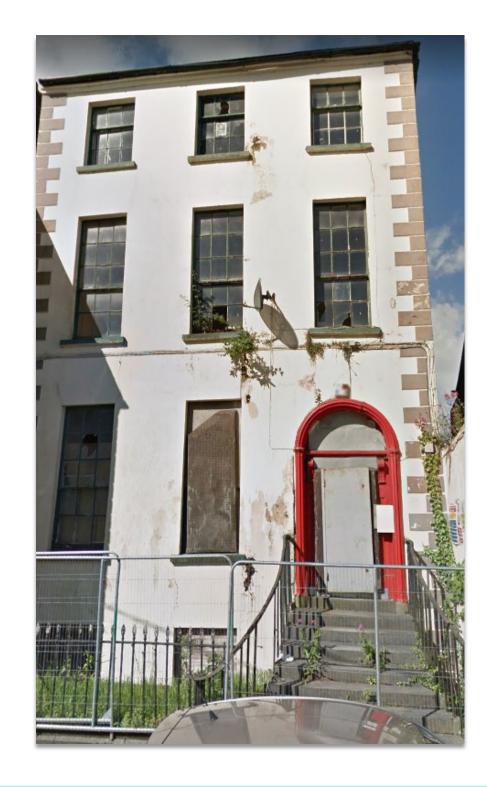
| Technical | Time | Administrative | Time |
|---------------------|------|------------------------------|------|
| Executive Architect | 50% | Grade 6 Senior staff officer | 20% |
| Clerk of works | 100% | | |
| Clerk of works | 30% | | |

Total Over 725 dwellings been delivered C. 719 dwellings in pipeline

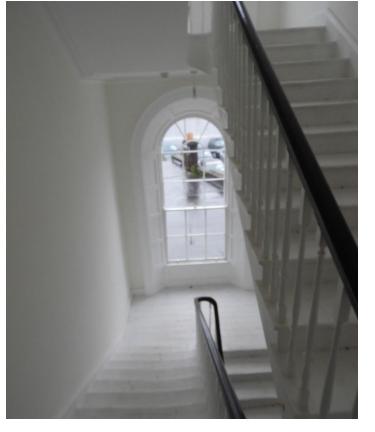
Stakeholders



Repair & lease large dwelling









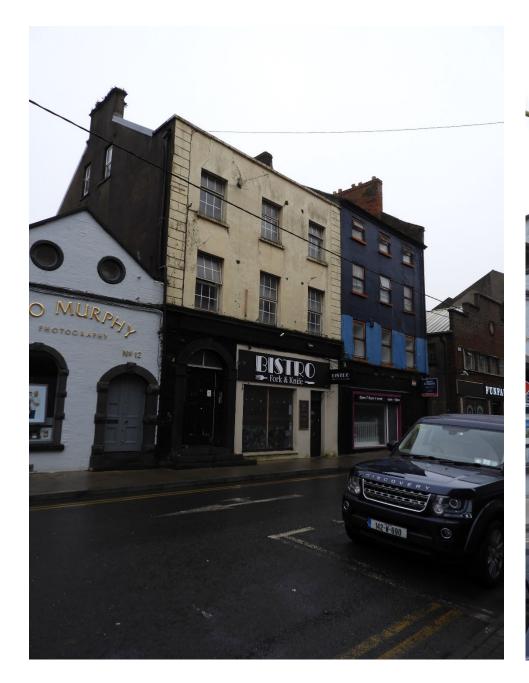
25 Catherines Street5 apartmentsProtected structure

Unit type 4 x 1 beds 1 x 2 beds

Distance450m or 7-minute walk from city centre.



Repair & lease over commercial unit









11 O' Connell Street

7 apartments Protected structure

Unit type

4 x 1 beds 3 x 2 beds

Distance

400m or 6-minute walk from city centre.



Repair & lease multi-storey building













Auctioneer
Consultants
Contractors
Financial Institutions
Local Authority
Owners
Statutory Bodies
Solicitors

Built in 1874 St Josephs House constructed by the Little Sisters of the Poor.

The Little Sisters of the Poor is a Catholic religious institute who dedicated their lives to caring for the elderly.

Over the course of the 136 years that the little Sisters occupied the house, it was used to care for older people of the area.

In 2010, The little Sisters vacated the site to move to a purpose-built facility in Ferrybank and the site on Manor Hill has since been mostly vacant ever since.

MDP + Partners



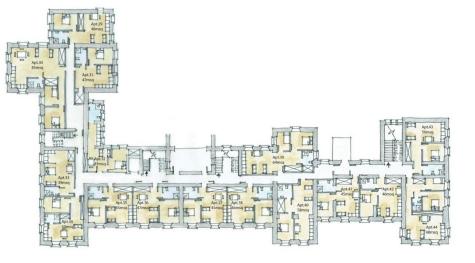
Repair & lease multi-storey building











St. Josephs, Manor Hill

71 apartments

- 50 in main building
- 21 in outbuildings Protected structure

Unit type

42 x 1 beds 28 x 2 beds 3 x 3 bed

Distance

800m or 11-minute walk from city centre.

MDP + Partners





Buy and Renew





Barker Place, 16-18 O'Connell Street

16 apartments & Community drop in centre

Unit type

4 x 1 beds 12 x 2 beds

Distance

200m or 3-minute walk from city centre.





Renew Construction

















36 Mayors Walk

• 2 x 1-bedroom Apartments

17 Shortcourse Court

• 1-bedroom house

Distance

400m or 5-minute walk from city centre.

600m or 8-minute walk from city centre.





New Build Brownfield Site











C.J. Falconer
+ Associates

Ostmen Place, Ballytruckle 14 apartments – All own door

Unit type

4 x 1 beds

9 x 2 beds

1 x 3 bed

Distance

1.5km or 21-minute walk from city centre.

Density

93 unit to the HA.



Croí Conaíthe, Vacant Refurbishment Grant









Grants of up to €50,000 or €70,000 Vacant Property **Refurbishment Grant**

- have proof of ownership
- live in the property as your principal private residence or make it available for rent;
- vacant for at least 2 years

55% Detached

27% **Terrance**

16% Semi-detached

2% **Apartments**





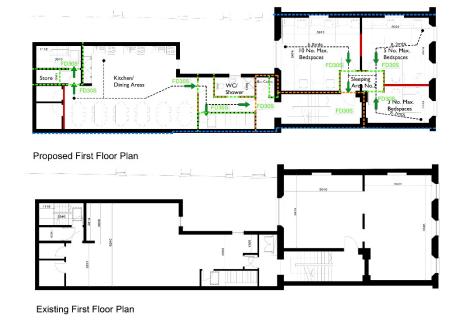
Ukraine Humanitarian Response





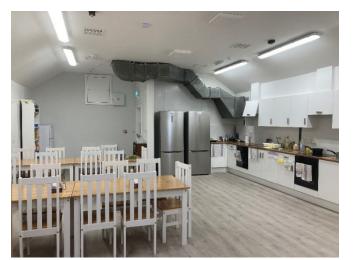












WCCC have delivered over 350 beds in several different vacant buildings in Waterford.

Intake from April 3rd 2022 into WCCC centres to 26/01/2024 was 2,098 through these 350 beds.













| | Current Budget Application | Recommended Budget | Notes |
|-------------------------------------|----------------------------------|-----------------------|--------|
| | € | € | |
| Total Contract Sum (incl. VAT) | 837,050.78 | 837,050.78 | Note 1 |
| Cost of Site | 160,000.00 | 160,000.00 | Note 2 |
| Technical Fees/Salaries | | | |
| Design Team | 81,123.86 | 81,123.86 | Note 3 |
| LA Contract Monitoring & Management | 3,687.45 | 3,687.45 | Note 4 |
| LA Administration | 14,749.79 | | Note 5 |
| Site Investigations/Surveys | 1,500.00 | 1,500.00 | Note 6 |
| Utilities | 40,000.00 | 40,000.00 | Note 6 |
| Other Costs | | | |
| Legal Fees | 1,689.87 | 1,689.87 | Note 6 |
| Percent for Art | 7,374.90 | 7,374.90 | Note 7 |
| TOTAL ALL IN COST € | 1,147,176.65 | 1,132,426.86 | |

29 The Glen

4 apartments
Protected structure

Unit type

• 4 x 1-bedroom Apartments

Distance

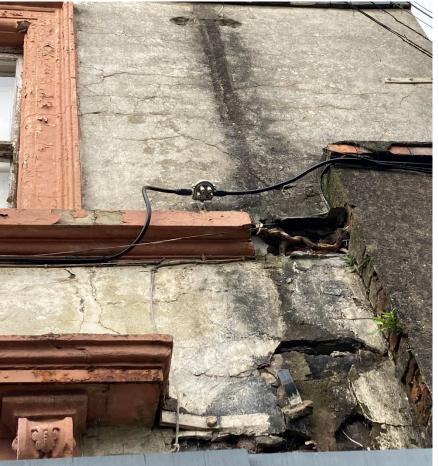
650m or 10-minute walk from city centre.

All Cost €286,794.16 per unit

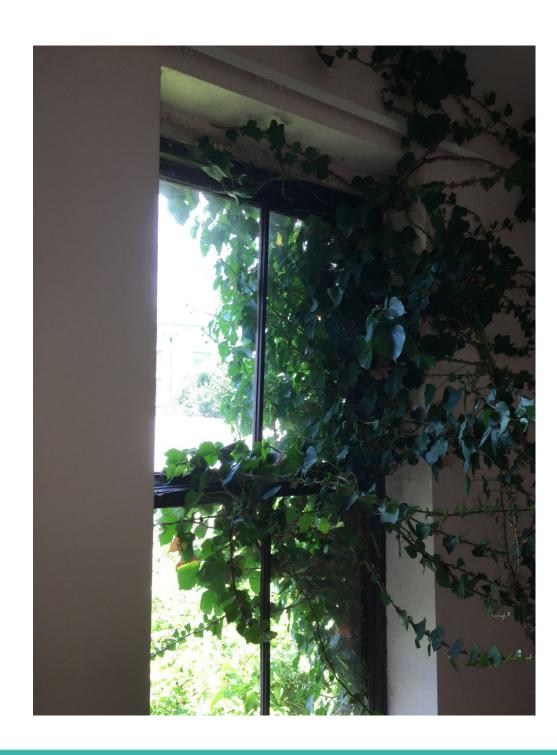






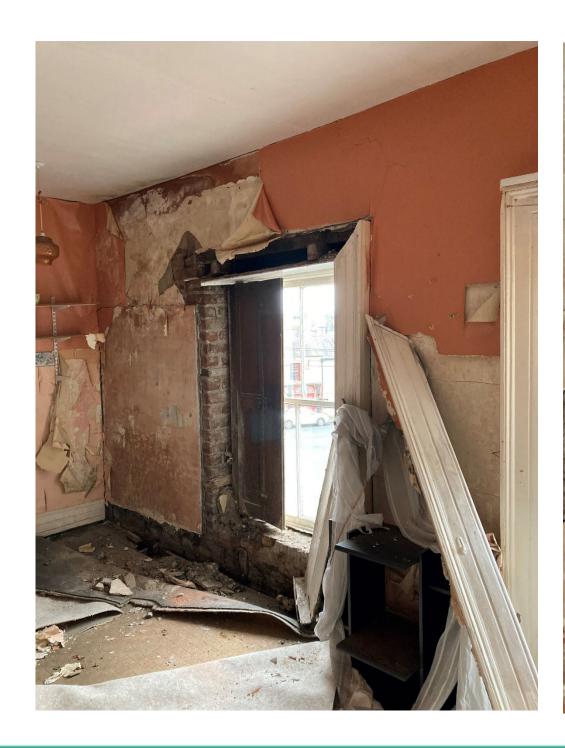


Falling façade (structural unsound)
Vegetation growth
Temporary structures
Rotten timber
Mould
No ventilation
Dampness
Roof condition





Falling façade
Vegetation growth
Temporary structures
Rotten timber
Mould
No ventilation
Dampness





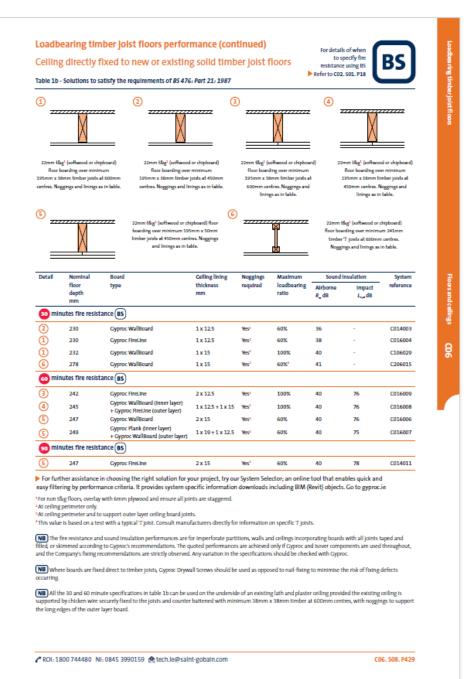
Falling façade
Vegetation growth
Temporary structures
Rotten timber
Mould
No ventilation
Dampness
Water ingress





Falling façade
Vegetation growth
Temporary structures
Rotten timber
Mould
No ventilation
Dampness





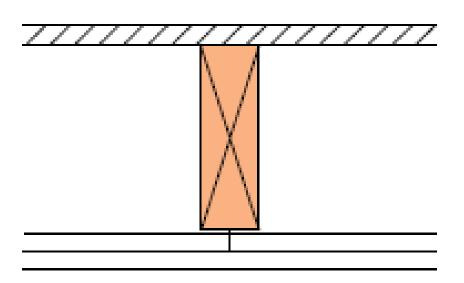
Floors

Structure (part A)
Fire proception, (Part B)
Materials (Part D)
Sound, (Part E)
Ventilation (Part F)
Services, waste (Part H)
Energy (Part L)

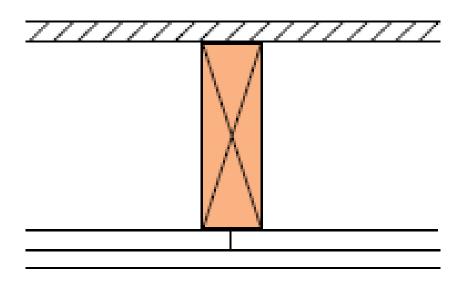


| Detail | Nominal | Board | Ceiling lining | Noggings | Maximum | Sound in | nsulation | System | | |
|--------|----------------------|--|-------------------|------------------|----------------------|-------------------------------|--------------------------------------|-----------|----------------------------|----------------------|
| | floor depth mm | type | thickness mm | required | loadbearing ratio | Airborne R _w dB | Impact <i>L</i> _{n,w} dB | reference | Floors | |
| 30 min | utes fire resist | tance (BS) | | | | | | | Structure Fire proception, | (part A) (Part B) |
| 2 | 230 | Gyproc WallBoard | 1 x 12.5 | Yes ² | 60% | 36 | - | C014003 | Materials | (Part D) |
| 1 | 230 | Gyproc FireLine | 1 x 12.5 | Yes ³ | 60% | 38 | - | C016004 | Sound, | (Part E) |
| 1 | 232 | Gyproc WallBoard | 1 x 15 | Yes ² | 100% | 40 | - | C106029 | Ventilation | (Part F) |
| 6 | 278 | Gyproc WallBoard | 1 x 15 | Yes ² | 60% ⁴ | 41 | - | C206015 | Services, waste | (Part H) |
| 60 min | utes fire resist | tance (BS) | | | | | | | Energy | (Part L) |
| 3 | 242 | Gyproc FireLine | 2 x 12.5 | Yes³ | 100% | 40 | 76 | C016009 | _ | |
| 4 | 245 | Gyproc WallBoard (inner layer) + Gyproc FireLine (outer layer) | 1 x 12.5 + 1 x 15 | Yes ² | 100% | 40 | 76 | C016008 | | |
| 5 | 247 | Gyproc WallBoard | 2 x 15 | Yes ³ | 60% | 40 | 76 | C016006 | | |
| 5 | 249 | Gyproc Plank (inner layer) + Gyproc WallBoard (outer layer) | 1 x 19 + 1 x 12.5 | Yes ² | 60% | 40 | 75 | C016007 | | |









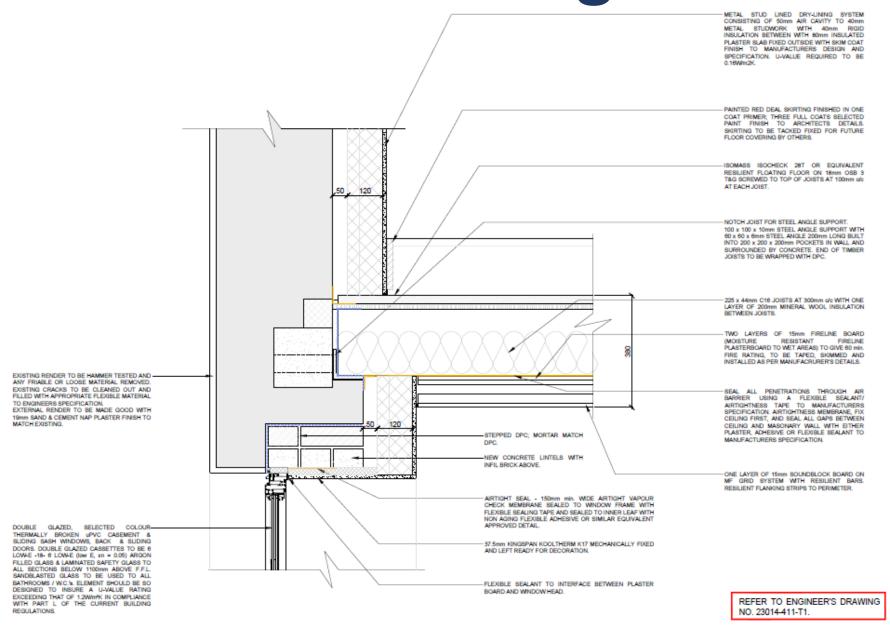
22mm t&g¹ (softwood or chipboard)
floor boarding over minimum
195mm x 38mm timber joists at
600mm centres. Noggings and
linings as in table.

22mm t&g¹ (softwood or chipboard)
floor boarding over minimum
195mm x 38mm timber joists at
450mm centres. Noggings and
linings as in table.

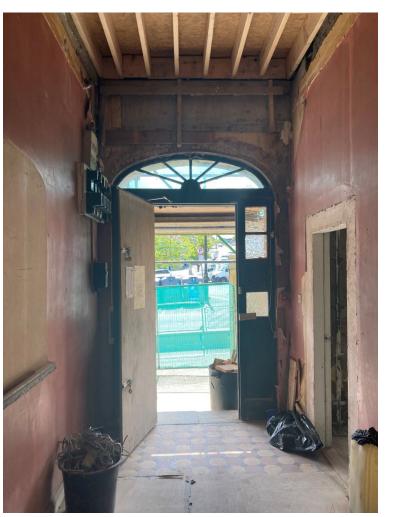
Floors

| Structure | (part A) |
|------------------|----------|
| Fire proception, | (Part B) |
| Materials | (Part D) |
| Sound, | (Part E) |
| Ventilation | (Part F) |
| Services, waste | (Part H) |
| Energy | (Part L) |





INTERMEDIATE FLOOR DETAIL - DETAIL 2

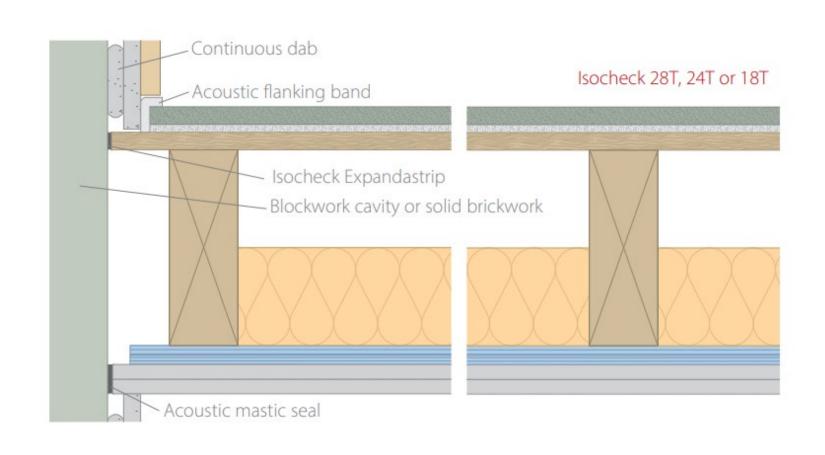


New floor joist required.

Floors

| Structure | (part A) |
|--------------------|----------|
| Fire proception, | (Part B) |
| Materials | (Part D) |
| Sound, | (Part E) |
| Ventilation | (Part F) |
| Services, waste | (Part H) |
| Energy | (Part L) |







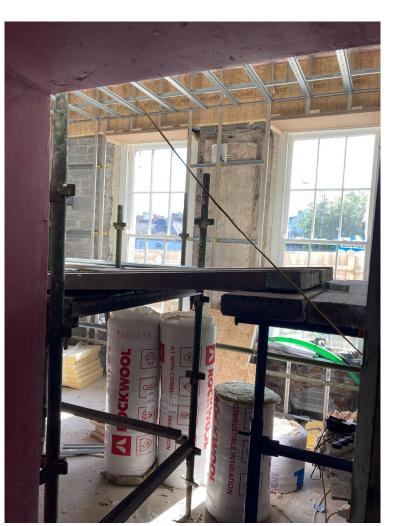
Floors

Structure (part A)
Fire proception, (Part B)
Materials (Part D)
Sound, (Part E)
Ventilation (Part F)
Services, waste (Part H)
Energy (Part L)





Fire rated ceiling



Rail system for final layer of plaster baord

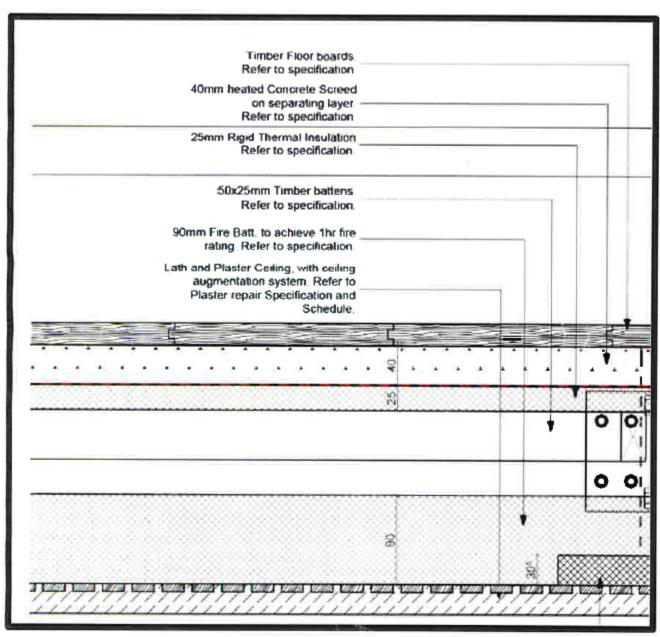


Requirements for step in access shower trays as flush shower trays have structural, fire, and sound issues

Floors

Structure (part A)
Fire proception, (Part B)
Materials (Part D)
Sound, (Part E)
Ventilation (Part F)
Services, waste (Part H)
Energy (Part L)





B3 Internal Fire Spread (Structure):

Two primary areas of concern:

- Floor construction to provide fire separation
- Wall to provide fire separation

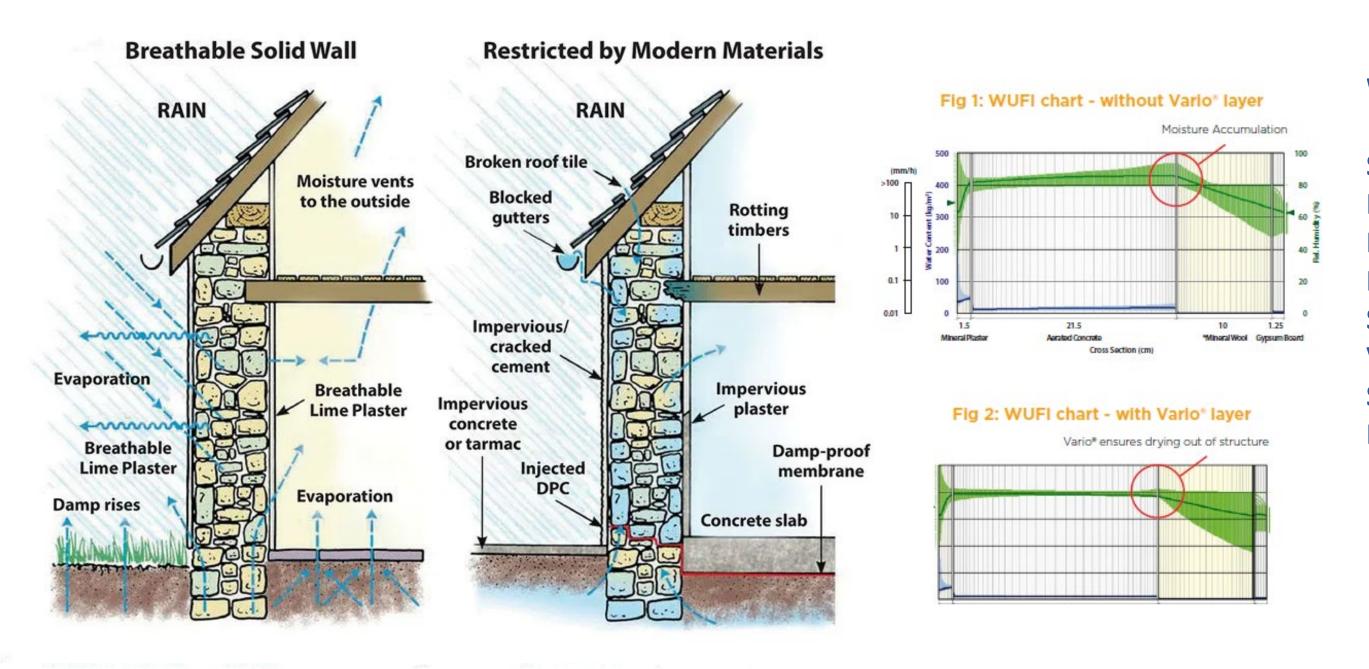
Floors – typically 60 mins protection:

- Proprietary fire barriers between joists
- Depth of joists/available space
- Consider penetrations (services, etc.), may need local modified details and local certification
- Retention of lath and plaster ceilings
 augmentation and sequencing of works needs careful consideration

Floors

| Structure | (part A) |
|------------------|----------|
| Fire proception, | (Part B) |
| Materials | (Part D) |
| Sound, | (Part E) |
| Ventilation | (Part F) |
| Services, waste | (Part H) |
| Energy | (Part L) |

Shaffrey architects



Walls

Structure (part A) Fire proception, (Part B) Moisture (Part C) **Materials** (Part D) Sound, (Part E) **Ventilation** (Part F) (Part H) Services, waste **Energy** (Part L)

BASIC INSTALLATION STEPS



Secure 2.4m C-channel



Secure Floor and Celling



Flx plastic clip on horizontal C-channel



Hang insulation on plastic clips



Fix plastic clip on vertical C-channel, adjust until plumb and lock in place



Flx Vario* and accessories

OPTIMA DRY LINING SYSTEM OVERVIEW

I. Metal frame

- 1. Optima Floor and Ceiling U-channel
- 2. Optima 500mm Extension
- 3. Optima 2.4m C-channel
- Optima Clip system: Optima Support (for new walls) or Optima Direct Support (70 – 160) (for renovation walls)

II. Insulation

 Isover insulation material, e.g. Standard Performance Comfort Roll 35 S (0.035W/mK) or Ultra Performance Comfort Panel 32 (0.032 W/mK)

III. Airtightness & Moisture control layer

- 6. Vario* DoubleTwin
- 7. Vario® KM Duplex UV airtightness
- 8. Vario* KB1 one-sided adhesive tape
- 9. Vario* DoubleFit+

IV. Facing

 Gyproc Plasterboard (Various specifications of boards available)











Walls

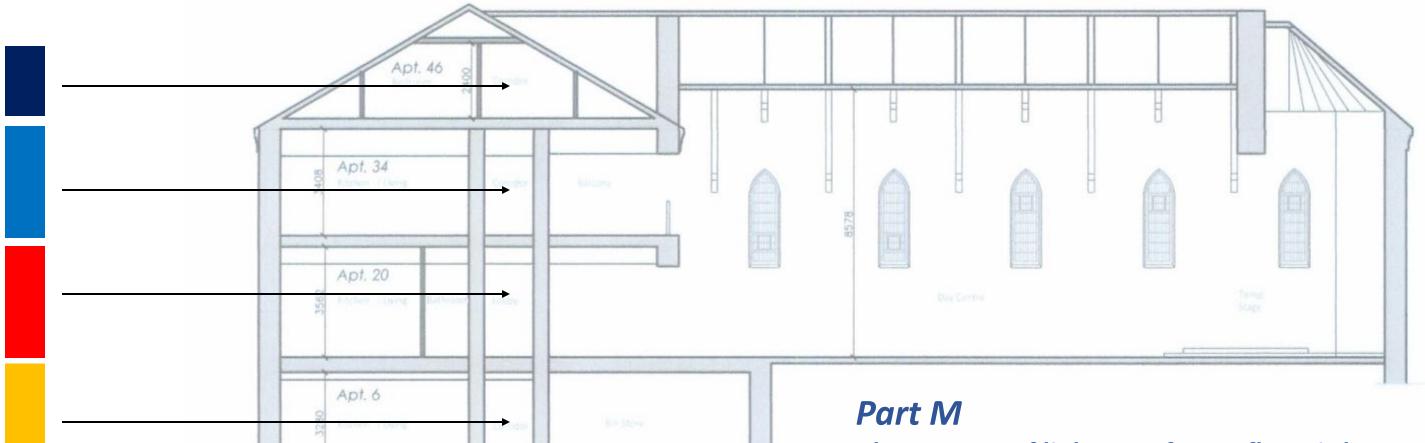
| Structure | (part A) |
|------------------|----------|
| Fire proception, | (Part B) |
| Moisture | (Part C) |
| Materials | (Part D) |
| Sound, | (Part E) |
| Ventilation | (Part F) |
| Services, waste | (Part H) |
| Energy | (Part L) |







RLS St. Josephs, Manor Hill Way finding

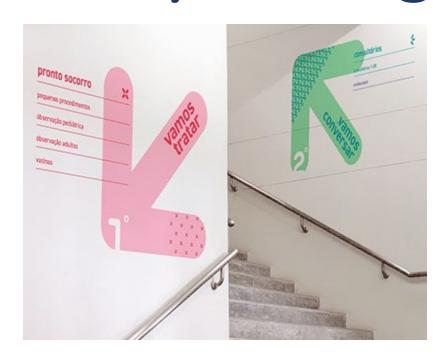


The amount of light a surface reflects is known as the Light Reflectance Value (LRV). The range of LRV is 0 (black) to 100 (white). The larger the difference between the LRV of each surface the greater the visual contrast is and the easier it is for someone with a low visual contrast sensitivity to perceive the difference





RLS St. Josephs, Manor Hill Way finding



Part M

way finding, people use various different strategies and tools to navigate a building. Therefore, to effectively communicate information, directions or instructions to people with a wide range of abilities may require the use of various media.











RLS St. Josephs, Manor Hill Door



Part M

the opening force should be not more than 30N from 0°(the door in the closed position)

Self-opening C. €550 fit per unit







RLS St. Josephs, Manor Hill

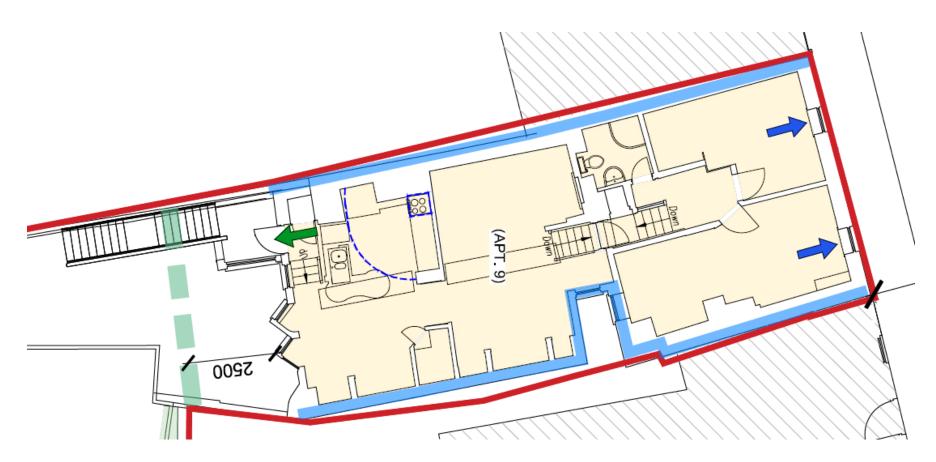








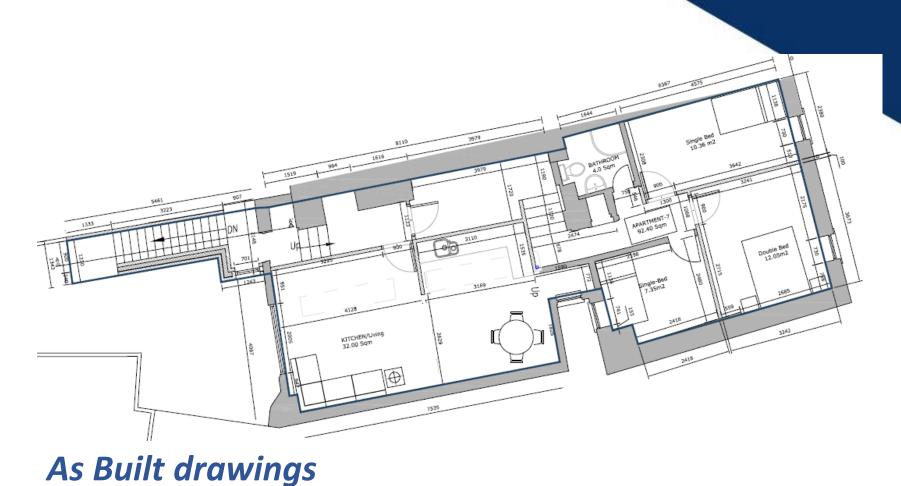
Site visits and checking doc's are important



Fire cert drawings and issued certification of compliance

Plan into the future.

- EV bike,
- EV scoters,
- EV chargers



Comhairle Cathrach & Contae Phort Láirge Waterford City & County Council





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