

Mapping Guidelines - Appendix 7(a)

Required Structure of CAD Files for Registration Purposes (Scheme Developments Only)

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Please note, this Mapping Guidelines, Appendix 7(a), refers to the lodgement of CAD files for scheme developments only. If your CAD file does not relate to a scheme development please refer to Mapping Guidelines, Appendix 7(d).

Please refer to Mapping Guidelines 3-Mapping Procedures for Registration of Development Schemes for additional information on the preparation of scheme maps.

1. Requirements

CAD files submitted to Property Registration Authority (PRA) containing digitised boundary geometry for Scheme Map Approval must conform to the following requirements:

1.1 File format

The file must be in Autodesk DWG format. DXF files generated by non-AutoCAD cannot be accepted as the content of the resulting CAD file cannot be guaranteed consistent with applicant expectations.

1.2 Co-ordinates

All geometry and annotation in the CAD file must be referenced to Irish Transverse Mercator (ITM) co-ordinates. ITM co-ordinates are always stated in metres East and North of the adopted ITM origin. E.g. [654321.123 (mE), 654321.123 (mN)]

1.3 Data Layers

The data relating to the proposed Scheme Map Approval in the CAD file **must** be structured into PRA standard layer (**LR_PLAN_NEW**) and coloured (**RED**). Only the site boundaries, site numbers and street names for approval should be shown on this layer.

1.4 CAD lines

- Only Continuous Line Style of zero thickness to be used for site boundary lines.
- The lines representing a boundary for a site must be complete and must not leave any gaps in the boundary.
- Polylines should be broken at each intersection, although they should still be snapped together.
- There should be no duplicate lines
- There should be no overlapping lines.

1.5 OSi topographic vector data

The CAD file must include the latest available OSi topographic vector data. OSi geometry should be displayed and plotted in black to make it distinguishable on the hard copy version. Where a boundary is represented by current OSi detail on the OSi map it should be used for the site boundary – the PRA map is an index map based on the maps provided by OSi. The map register is maintained and updated with the detail as provided by OSi.

1.6 Annotation

The size and style of text (site numbers/street names) must be clear and unambiguous when viewing the hard copy Scheme Map. Note the hard copy Scheme Map lodged must comply with PRA requirements for Development Schemes and Computer Generated Maps – see **Mapping Guideline Appendix 3 & Mapping Guideline Appendix 4.**

2. PRA standard layers and colours

A CAD file submitted for Scheme Approval to the PRA must conform to the following Layer and Colour standard. Other geometry and annotation details are not required and should be removed from the CAD file. Only data on standard layers will be interpreted by the PRA.

Layers and Colours:

- **LR_PLAN_NEW (Red)** Used for proposed site boundaries, site numbers and street names.
- **OSi topographical detail (Black)** Used for all OSi detail.

3. Lodging the CAD file with the PRA

- 3.1 The CAD file must be emailed as a single file. Any referenced geometric data must be bound into the file and any references to images must be removed from the file before it is submitted to PRA.
 - For Development Schemes in counties **Carlow, Clare, Cork, Kerry, Kilkenny, Laois, Limerick, Offaly, Tipperary, Waterford and Wexford**, email the CAD file to schemequery@prai.ie
 - For Development Schemes in counties **Cavan, Donegal, Dublin, Galway, Kildare, Leitrim, Longford, Louth, Mayo, Meath, Monaghan, Roscommon, Sligo, Wicklow and Westmeath**, email the CAD file to schemequerynorth@prai.ie
- 3.2 A completed Scheme Lodgement Form must be emailed with your application. See Appendix A on page 6.
- 3.3 If the CAD file is found to be compliant, it will be loaded into our internal mapping system and it will be assigned an "S" reference number.
- 3.4 Notification of the CAD file's acceptance and the "S" reference number will be issued to the sender. This "S" reference number must then be included in all documents or correspondence lodged to the PRA.
- 3.5 An application for Scheme Map Approval lodged in electronic form commands a fee of **€130.**
- 3.6 A hard copy version that complies with the PRA requirements for Development Schemes and Computer Generated Maps must be lodged under the "S" reference number for approval. See **Mapping Guideline Appendix 3 & Mapping Guideline Appendix 4.**
- 3.7 At registration stage, a copy of the Approved Scheme Map bearing the approval certificate must be lodged with each application for registration.

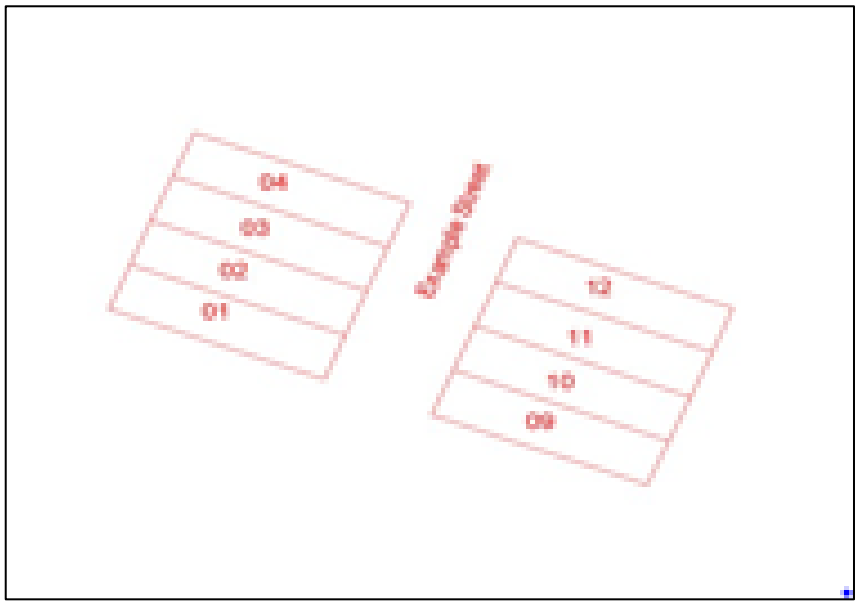


Figure 1 - LR_PLAN_NEW

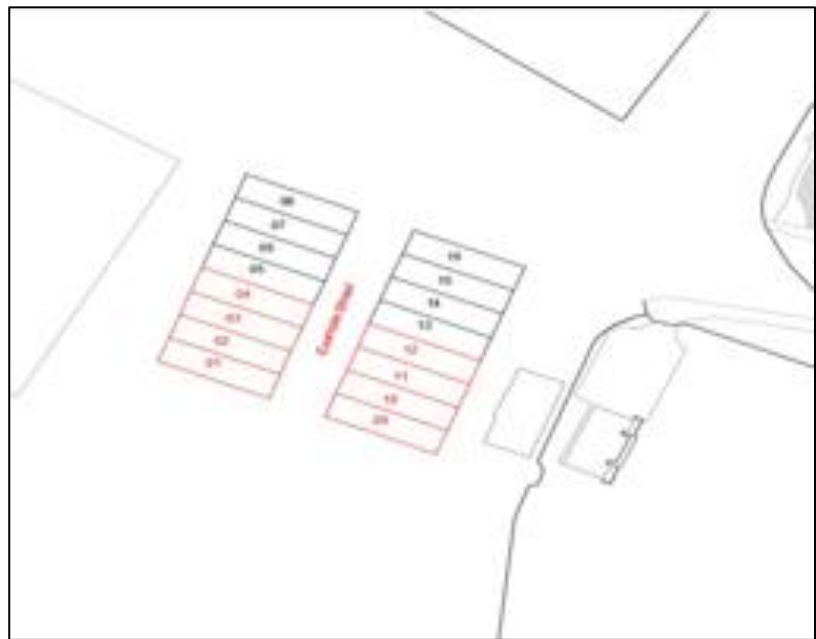


Figure 2 - LR_PLAN_NEW and OSi detail

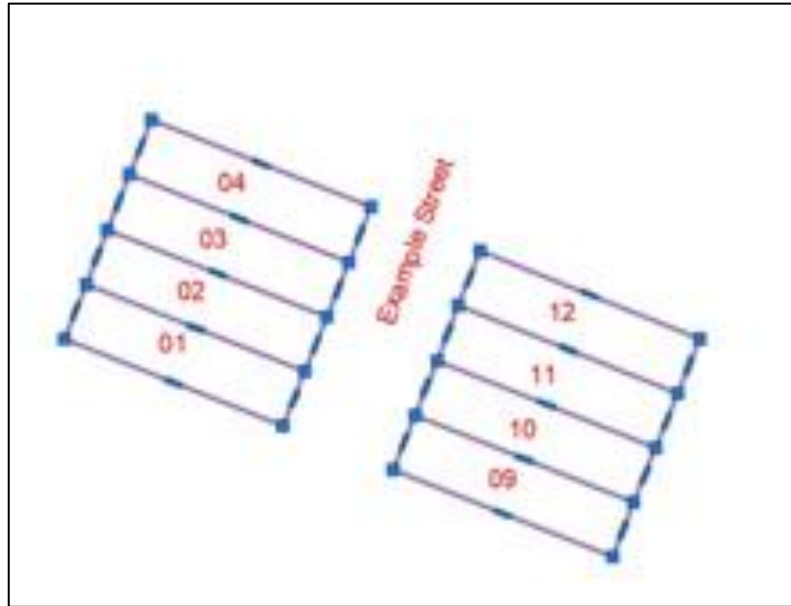



Figure 3 – Polylines broken at each intersection

1st July 2021

Appendix A



Multistorey/Scheme Map(s) Lodged

Details of Map(s):

1. COUNTY:

ITM Coordinates X: Y:

Folio Numbers:

Townland:

Development Name:

Block No:	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>
Site/Apartment Numbers	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>

Fees:

2. Fees in respect of approval of a scheme map by the Registry

- Where the Approval of a scheme map is the First such approval **and the scheme map is lodged in electronic form - €130**
- Where the Approval of a scheme map is the First such approval **and the scheme map is lodged in paper form - €300**
- Where the Approval is a revision of a scheme map lodged in either electronic or paper based form **where the map was previously approved - €50**

Lodged by:

3. Name:

Address:

Reference: Contact Phone No:

email Address:

Official Use Only

Date Lodged By Hand By Post

Date Approved Approved By

Date Returned By Hand By Post

Amount Payable €130 €300 €50

Print Form

Print Blank Copy

Note - clicking the "Print Blank Copy" button will clear any inputted data from the form.

Validated Fees