

approved Centralised Mechanical Extract Ventilation

DRAWING STATUS:

SHD - STAGE 3

rooms. All ducting that extracts air from all wet rooms to be rigid ducting system or approved Semi Rigid Duct system only taken from the ncm-pcdb.org (Appendix Q) Database.Approval of CMEV Unit and selected Duct system required prior to installation.Controllable Wall Vents to be installed in all habitable rooms and ventilation system to designed to allow adequate air supply in accordance with Part F 2019. Ventilation system to be validated by an independent validator from the NSAI register after commissioning. Separate mechanical extract fan to be installed over Kitchen Cooker. Final Air Permeability Test to achieve a result of 3.0 m³/hr/m² or lower and test to be carried out by registered NSAI tester.

of the roof eave or approved slate vents providing equivalent rate of air flow to provide ventilation to Timber Roof Structure/

Additional Wall Ties required at top of cavity wall & around openings. Top of Cavity closed with Kingspan Kooltherm Insulated Cavity Closer. Gable walls should be strapped to roofs as shown in Diagrams 7 (a) and (b) TGD Part A 2012 by 30 x 5 mm tension straps. Vertical strapping at least 1000 mm in length should be provided at eaves level at intervals not exceeding 2000 mm as shown in Diagram 7 (d) TGD Part A 2012.

Select colour Render Finish to 100mm block outer leaf, 175mm cavity with fullfill Bead Cavity Insulation (thermal conductivity of 0.033W/²K or less) Ø 4.5mm Ancon or similar approved stainless steel wall ties, staggered 750mm horizontally and 450mm vertically, 4.9 ties per sqm, 100mm Block Inner Leaf, with sand cement Render to inner face of Inner Block Leaf (Air Tight Laver) with Gypsum Skim Coat Finish. Target U-Value 0.18 W/m²K or less. Wall ties to be installed in accordance with Diagram 9 TGD Part A Structure 2012

Approved Finish uPVC Double Glazed Windows, Argon Filled- Low-E Soft Coat with an Overall U-Value of 1.3 W/2mK or less.NSAI / BFRC Certs required prior

SAFETY GLASS IN ACCORDANCE WITH BS 6262, PART 4 to be used: a) Where glass is 800mm or less above local floor level, local balcony level, local ground or

b) Where glass is 1500mm or less above local floor level, local balcony level, local ground or

c) Glazed side panels for a distance of 300mm from either edge of door up to a level of 1500mm above local floor level, local balcony, local ground or walking level.

to provide a clear fire escape ope at least 0.33sqm with a minimum width & height of 450mm, bottom of 800mm above floor level. All ironmongery in escape

| F | - | | - |
|---|--------------------|--------------------|-------------|
| Е | - | | - |
| D | - | | - |
| С | - | | - |
| В | Agreed Variations | | 20/05/2021 |
| А | Co Co Changes | | Dec 2020 |
| Revision Suffix | Revision details | | Date |
| Client LIME HILL ESKER LTD | | | |
| Job title DUNLO SHD, BALLINASLOE, Co. GALWAY | | | |
| Drawing title HOUSE TYPE E - TERRACED - SECTION | | | |
| R. G. GREENE & ASSOCIATES Consulting Engineers Civil,Environmental & Structural | | | |
| Caher House, Loughrea, Tel 087 2596296 Express of Industry Galway, H62 FF61 Email ronnie@greene.ie | | | |
| chkd. R.G. | date 13/12/2021 | scale 1:50 @ A3 | drawn WG |
| DRAWING No | | 2521 - 153 | rev - |