

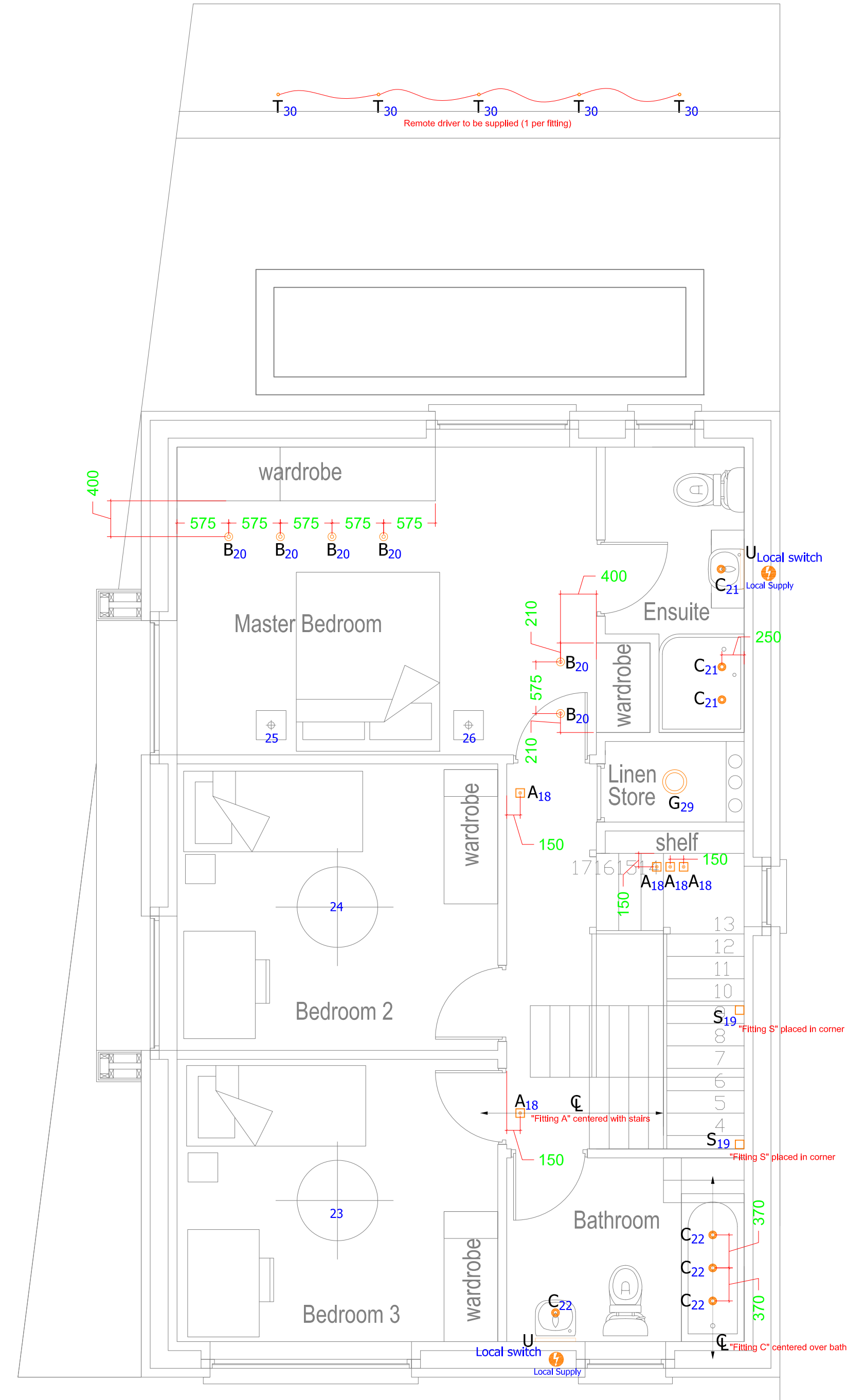
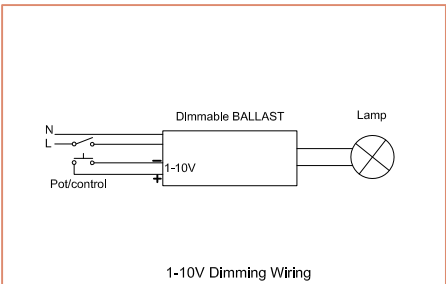
winkLIGHTING		
Ref		Fitting description
A		Surface mounted ceiling cube downlight Opal glass
B		Recessed adjustable downlight
C		IP rated bathroom downlight White
D		
E		
F		
G		Recessed general downlight Ø225mm White
H		H/O LED tape 2700K + surface mounted channel + diffuser Remote driver to be supplied
K		Elliptical wall light Silver
L		
M		Wall mounted anglepoise task light Aluminium
N		External round wall light Anthracite
P		External wall light Black with clear glass
Q		H/O LED tape 2700K, 20W/m + plaster in profile Remote driver to be supplied First fix element required Phase dimming
R		
S		Wall mounted cube downlight Opal glass
T		External recessed downlight Ø34mm Black
U		Wall mounted mirror with light
V		Recessed linear profile 3000K 1-10V dimming Extra pair of cables required
W		
X		
Y		
Z		

D 10

10

10

10



**The Danger from Badly Installed Light Fittings**

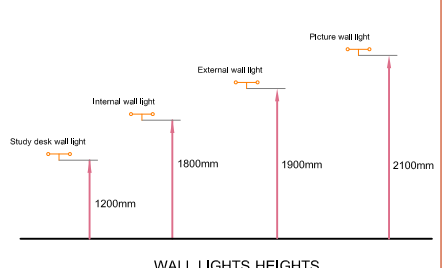
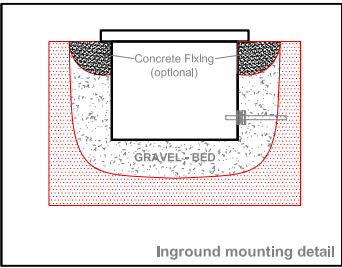
Clause 422 of the Wiring Rules "Protection Against Fire" states that electrical equipment shall not be installed in a position where it could be a fire hazard to adjacent materials.

RECI Inspectors often find extra low voltage light fittings installed in locations without adequate ventilation to prevent heat build-up, this is obviously a breach of the Wiring Rules.

**ETCI recommendations**

The general "Guide to the Installation of Extra-Low Voltage Lighting Systems" (document E7265/1998) issued by the Electrotechnical Council of Ireland recommend that "the installer must ensure that excessive heat build-up is avoided by keeping clear of thermal insulation and having sufficient space around the luminaire" as shown below.

The importance of clearing away the insulation needs to be emphasised for reasons that are obvious if the nature of design and testing of fittings is understood.



**wink**  
experts in lighting ideas

Ballywaltrim Business Centre, Bray, Co. Wicklow  
t +353 1 276 2200 f +353 1 276 2201  
e info@wink.ie w www.wink.ie

Rev	Description	Date
1	Proposal	16-12-16
2	Proposal	21-12-16
3	Proposal	21-12-16
4	Proposal	04-01-17
6	Proposal	11-01-17

Client: Anne Marie Mc C.  
Project: Clonlea House  
Project #: 16232  
Drawing: First floor  
Drawn by: David De Courcy