



## LIGHT WELL (Rear Wall Elevation)

### STRUCTURAL ENGINEER'S GENERAL NOTES

When removing WC wall saw cut through wall at junction with perimeter wall  
Treat any exposed metal ties/reinforcement with Galvafruid or similar approved  
Make good to exposed face of wall

Guarding and fixings to open edge of offshot as per top of retaining wall (see drawing)  
Allow for 3No fixings spaced vertically where guard rail abuts dwelling at min 75mm ctrs  
Strap detail to allow guard rail to be fixed to face of offshot, not through roof covering,  
to be formed to fit the depth and profile of the wall face using S275 flat bar, 150mm wide by 15mm thick  
All steel to be hot dipped galvanised min 80 microns thick, topcoat to achieve required decorative finish

New steel support to existing steps 152x152x23 UC to be located under the existing flat section  
Fixed as per detail drawing

New lintel over new door to be fair faced artstone standard duty; or  
Reused section of existing stone window jamb with metal box lintel behind

Lintel to new double doors to be Naylor R6 (faced option if exposed)  
sized to suit opening with min 150mm bearing each end

General concrete repair: All loose concrete to be removed and cleaned back  
Reinforcement to be cleaned back to bare metal utilising mechanical means such as wire brushing  
Apply a reinforcement corrosion protection coating such as Sika MonoTop-1010  
Apply two coats to the whole exposed circumference of reinforcement  
and allow first layer to harden before applying second coat  
Allow to harden before applying repair mortars  
Apply a repair mortar such as Sika MonoTop-615 either by hand or by wet spray method  
All proprietary products to be installed in accordance with the product data sheet  
and manufacturers instructions.