

NEW FLAT ROOF EAVES
Felts dressed over 38 x 25 sw treated batten and welt formed in gutter. Supply and fit Marley Deepflow 150 gutter size 155 x 98 high capacity semi elliptical system with brackets,spigot connections,stop ends and jointing strips.Allow for brackets at 600 mm centres.

Facia boards in white upvc solid 300 x 12mm fixed to 12 mm external quality plywood.Plywood continuous and fixed across face of end joist

Gutters laid to fall to Marley upvc circular downpipes x 82 mm.Pipes with clips and jointing strips and 45 deg offsets.Pipes to discharge over Hepworth 191a access gully.Gully encased in 150 mm concrete surround with connection to new 100 mm dia drainpipe.

Pipe protection-all rainwater and soil pipes to be protected with anti climb guards supplied by JML Hardware tel. 01942 715678 galv pipe protectors Rainpro size 125 x 130 x 2.4 m long.Guards fixed with anti tamper screws.

Gutterguards-tel 01257 264041-supply and fit half round drainguard to all lengths of new gutters.

OUTDOOR TEACHING AREA
Roof upstand to 3 no sides -remove existing cladding locally to 2no sides- fix external plywood sheet to existing framing x 300 mm high.turn felt over sw tilting fillet,form 150 mm upstand and bond to plywood. secure soft lead cover flashing to top of plywood and dress over upstand felt.Fix pm drip to bottom of retained cladding and apply mastic sealant to junction.

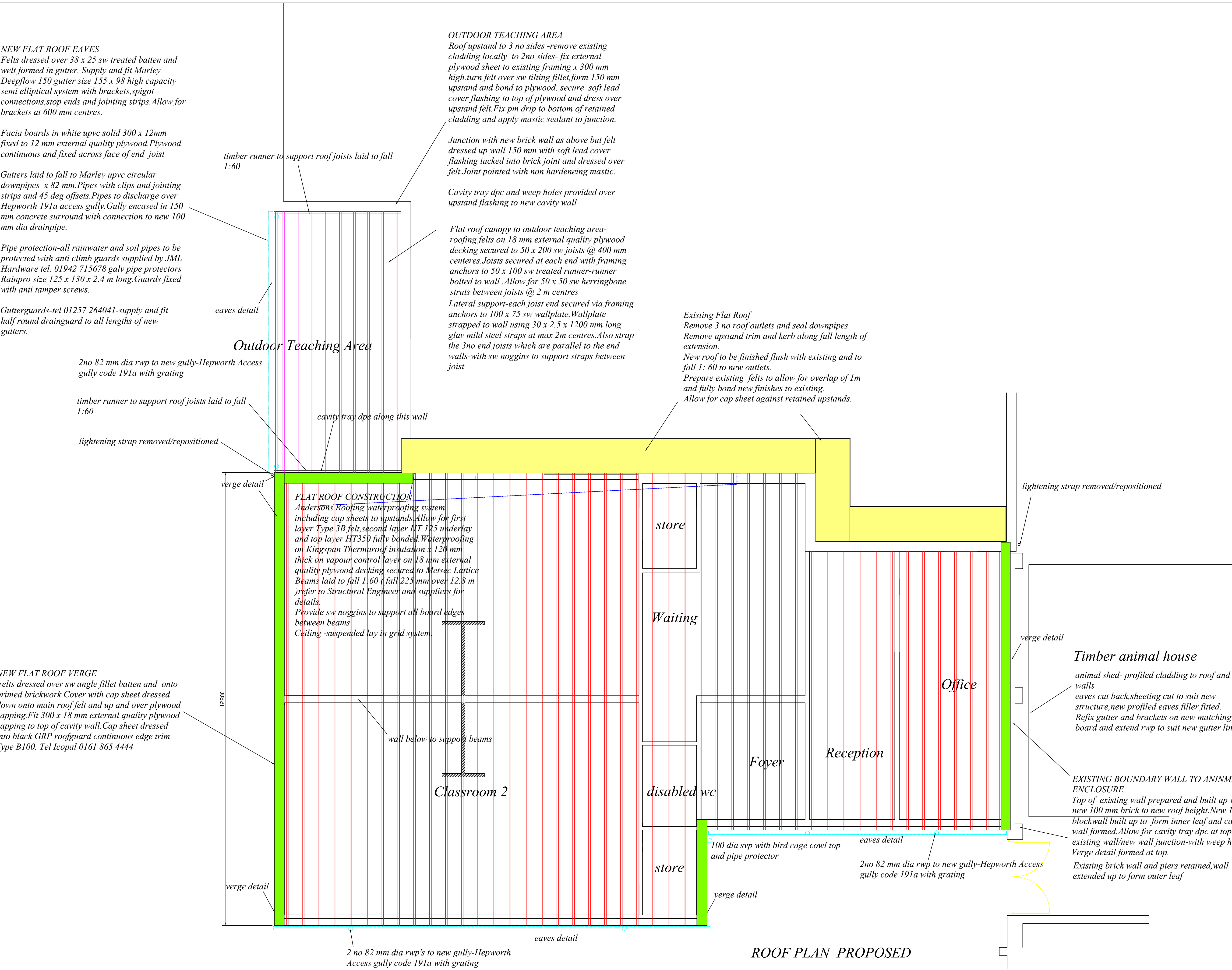
Junction with new brick wall as above but felt dressed up wall 150 mm with soft lead cover flashing tucked into brick joint and dressed over felt.Joint pointed with non hardeneing mastic.

Cavity tray dpc and weep holes provided over upstand flashing to new cavity wall

Flat roof canopy to outdoor teaching area-roofing felts on 18 mm external quality plywood decking secured to 50 x 200 sw joists @ 400 mm centres.Joists secured at each end with framing anchors to 50 x 100 sw treated runner-runner bolted to wall .Allow for 50 x 50 sw herringbone struts between joists @ 2 m centres
Lateral support-each joist end secured via framing anchors to 100 x 75 sw wallplate.Wallplate strapped to wall using 30 x 2.5 x 1200 mm long glav mild steel straps at max 2m centres.Also strap the 3no end joists which are parallel to the end walls-with sw noggins to support straps between joist

Existing Flat Roof
Remove 3 no roof outlets and seal downpipes
Remove upstand trim and kerb along full length of extension.
New roof to be finished flush with existing and to fall 1: 60 to new outlets.
Prepare existing felts to allow for overlap of 1m and fully bond new finishes to existing.
Allow for cap sheet against retained upstands.

NEW FLAT ROOF VERGE
Felts dressed over sw angle fillet batten and onto primed brickwork.Cover with cap sheet dressed down onto main roof felt and up and over plywood capping.Fit 300 x 18 mm external quality plywood capping to top of cavity wall.Cap sheet dressed into black GRP roofguard continuous edge trim Type B100. Tel Icopal 0161 865 4444



Timber animal house

animal shed- profiled cladding to roof and timber walls
eaves cut back,sheeting cut to suit new structure,new profiled eaves filler fitted.
Refix gutter and brackets on new matching fascia board and extend rwp to suit new gutter line.

EXISTING BOUNDARY WALL TO ANIMAL ENCLOSURE
Top of existing wall prepared and built up with new 100 mm brick to new roof height.New 100 mm blockwall built up to form inner leaf and cavity wall formed.Allow for cavity tray dpc at top of existing wall/new wall junction-with weep holes. Verge detail formed at top.
Existing brick wall and piers retained,wall extended up to form outer leaf

Revisions:	
A PLANNING SUBMISSION DEC 14	

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Project: St Christopher's School			
Detail: Proposed Classrooms Roof Plan			
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Scale: 1.50 @ A1	Project No: PS	Dwg No: SC/06	Rev:A