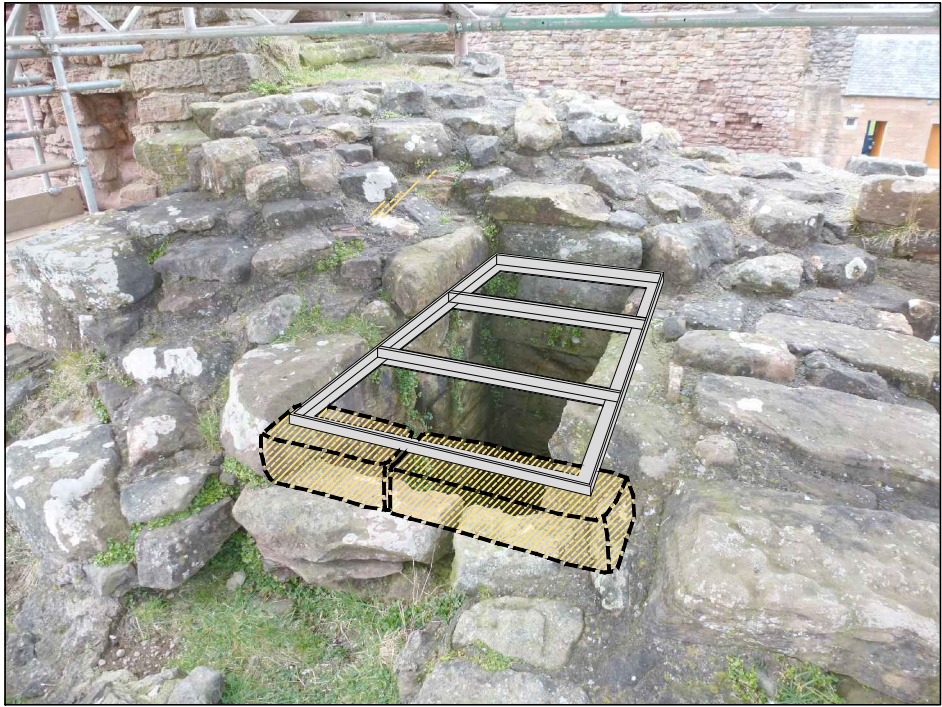
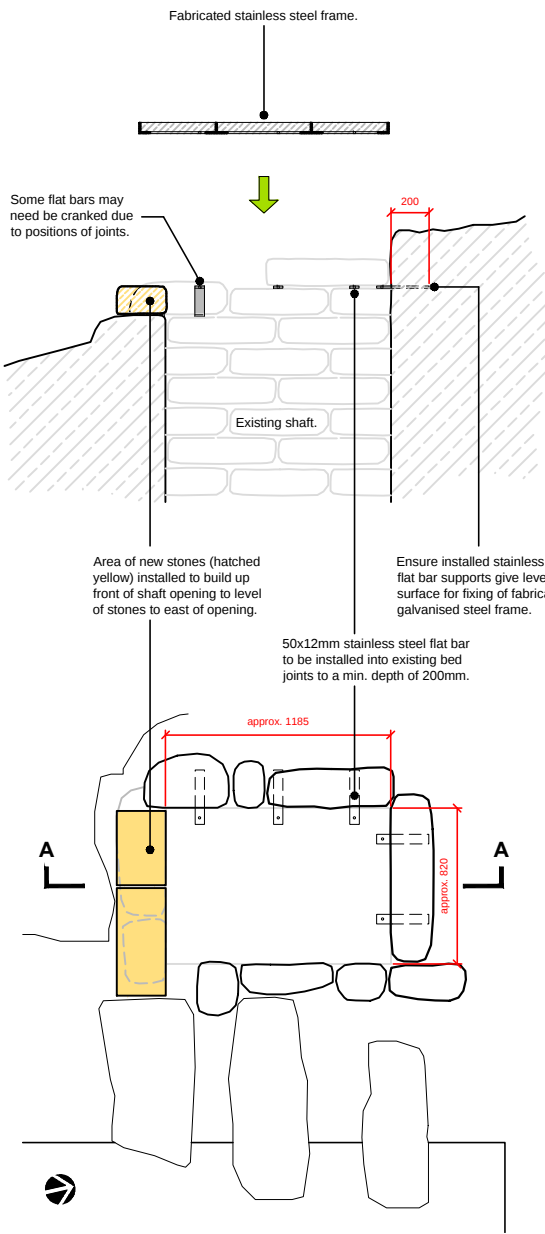
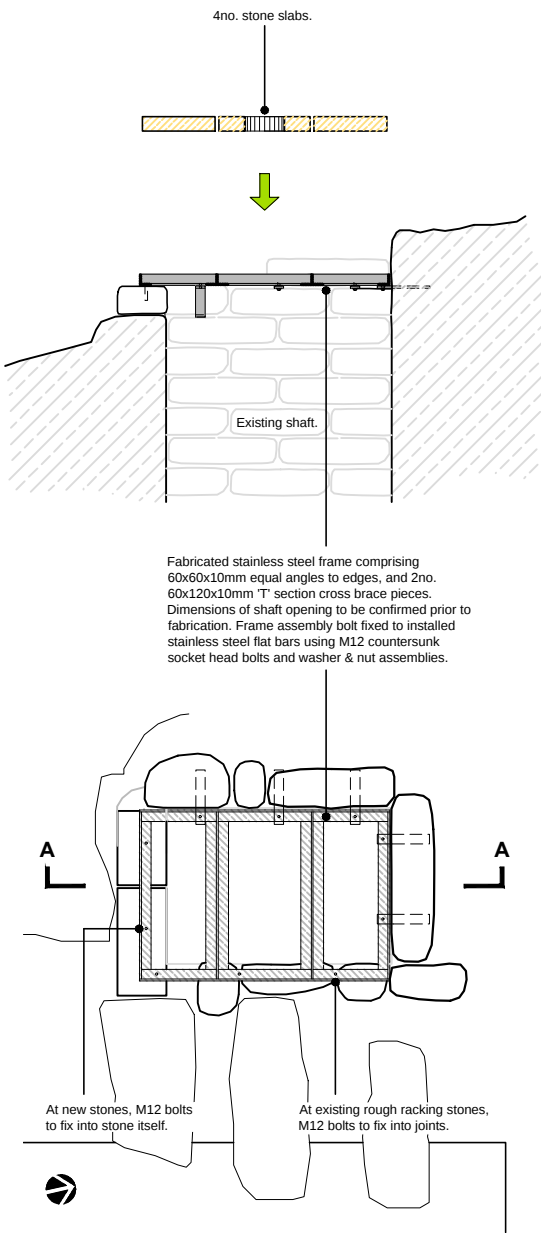




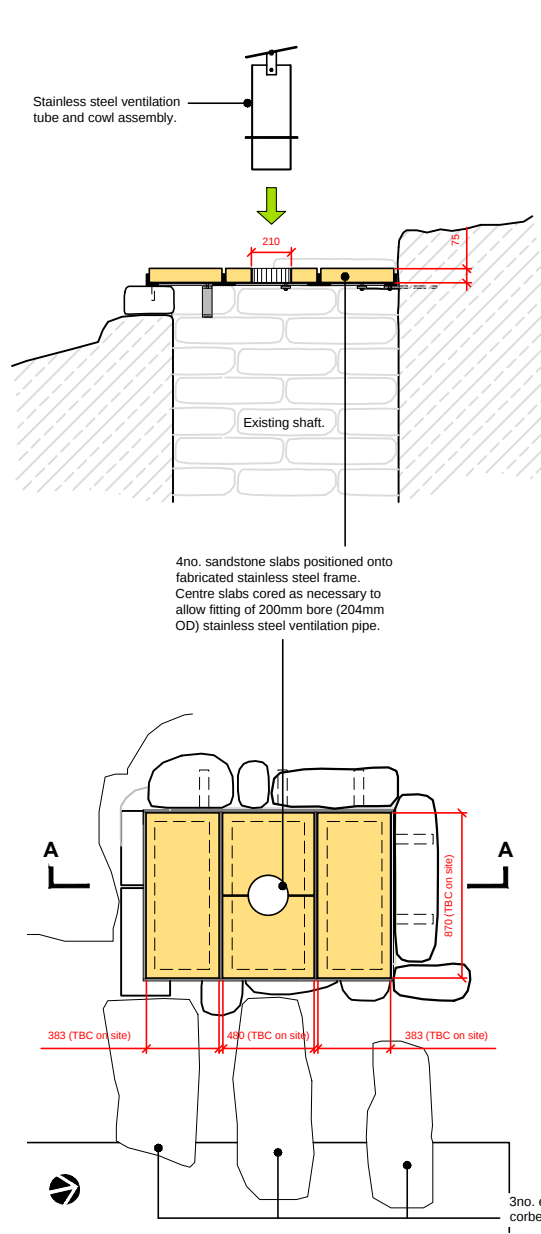
LATRINE TOWER WALLHEAD MOCK-UP: showing proposed stone build-up to shaft opening and fabricated stainless steel frame prior to installation of stone cap and soft capping.



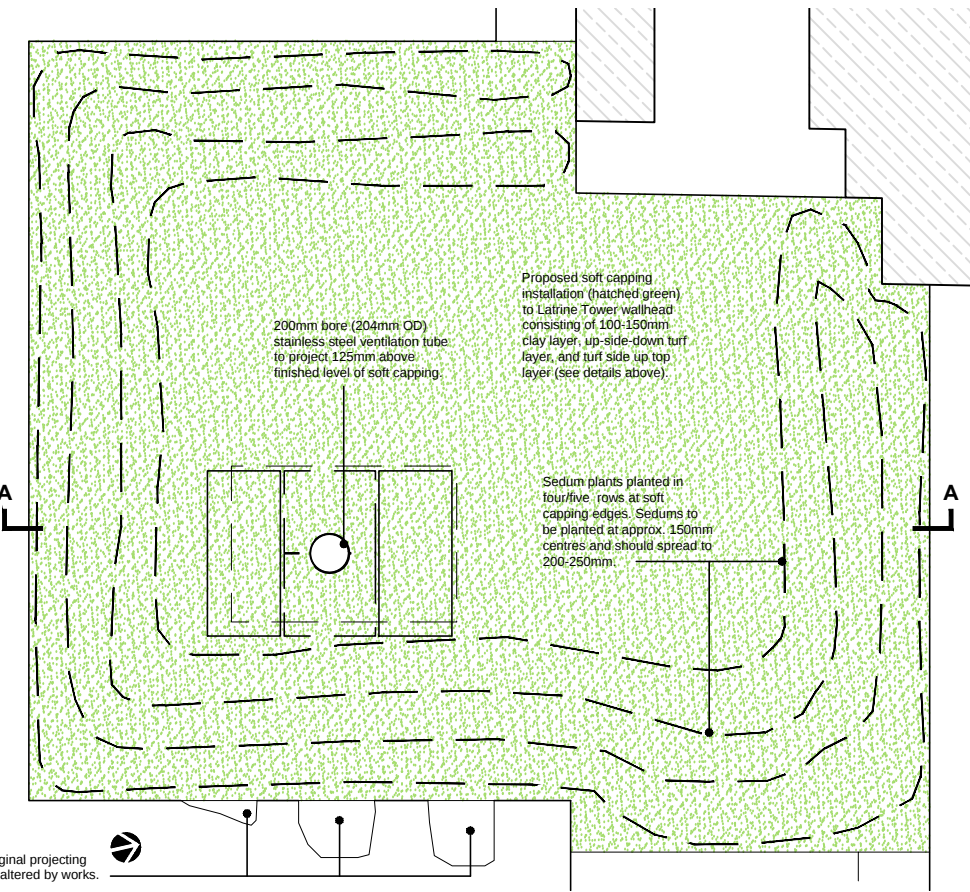
1:20 SHAFT CAP INSTALLATION SEQUENCE 1: stone installation to chute edges.



1:20 SHAFT CAP INSTALLATION SEQUENCE 2: stainless steel frame installed.



1:20 SHAFT CAP INSTALLATION SEQUENCE 3: stone caps installed.



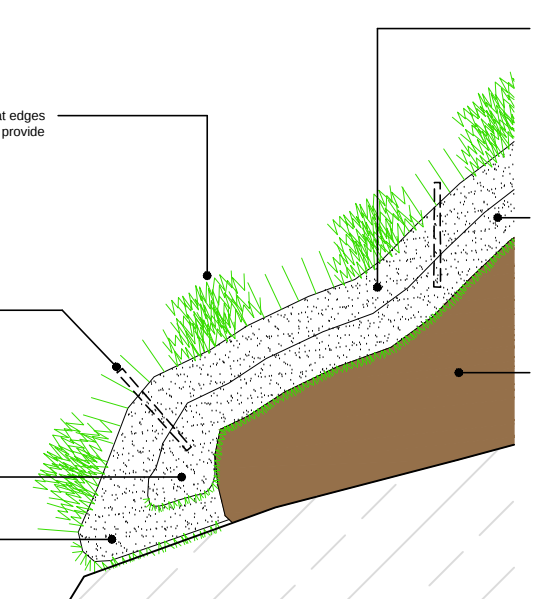
1:20 LATRINE TOWER WALLHEAD PLAN: showing extent of proposed soft capping.

Sedum plug plants installed at edges at approx. 150mm centres to provide coverage to turf edges.

Softwood turf pegs to be used to bind turfs together.  
**\*NOTE - Do not use willow sticks as these will germinate.**

Top layer of LT2 low maintenance turf tucked underneath itself at edges to increase depth of growing medium at these vulnerable areas. Additional turf packing installed where required to avoid dip in turf at this point and help prevent air pocket forming behind.

1:5 DETAIL 1: proposed soft capping edge detail.

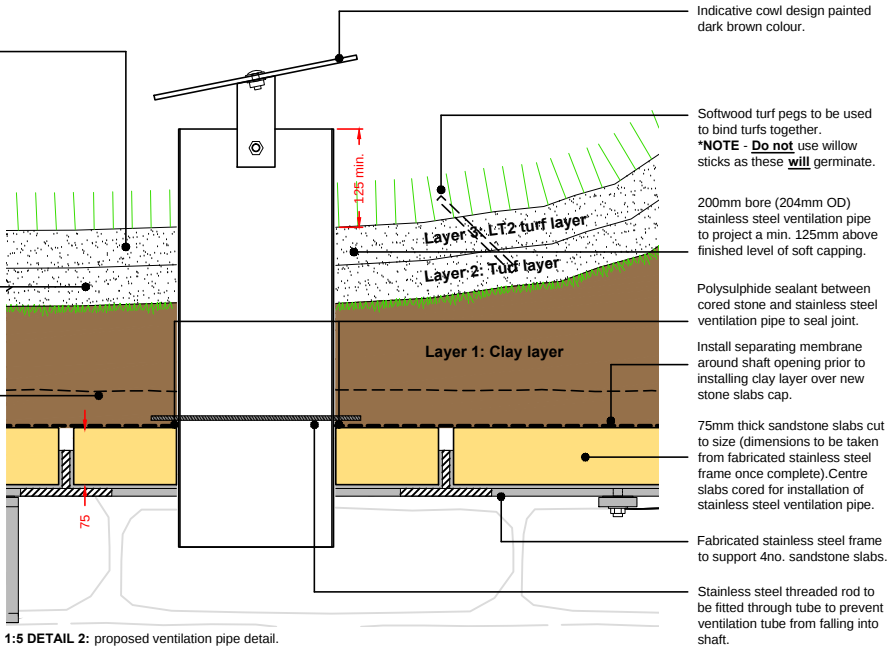


Layer 3 of LT2 low maintenance turf installed root side down/turf side up.

Layer 2 of turf sourced from local garden centre installed root side up/turf side down to provide additional growing medium for layer 3 turf.

Layer 1 clay/sand mix installed to a minimum depth of 100mm to create concave profile to wallhead to Latrine Tower.

1:5 DETAIL 2: proposed ventilation pipe detail.



Indicative cowl design painted dark brown colour.

Softwood turf pegs to be used to bind turfs together.  
**\*NOTE - Do not use willow sticks as these will germinate.**

200mm bore (204mm OD) stainless steel ventilation pipe to project a min. 125mm above finished level of soft capping.

Polysulphide sealant between cored stone and stainless steel ventilation pipe to seal joint.

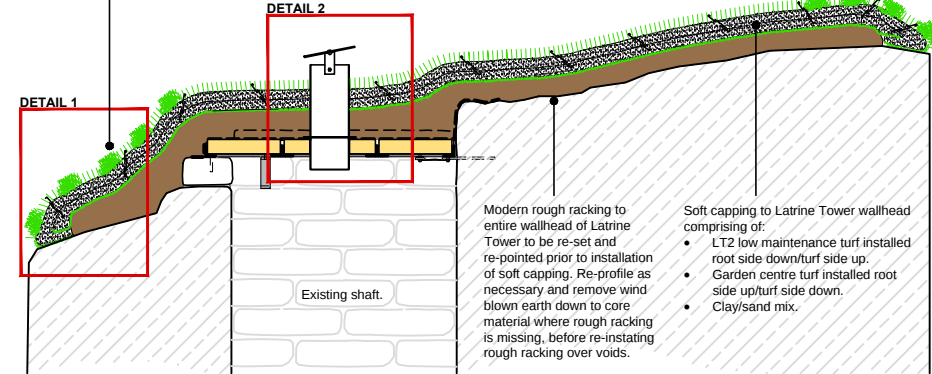
Install separating membrane around shaft opening prior to installing clay layer over new stone slabs cap.

75mm thick sandstone slabs cut to size (dimensions to be taken from fabricated stainless steel frame once complete). Centre slabs cored for installation of stainless steel ventilation pipe.

Fabricated stainless steel frame to support 4no. sandstone slabs.

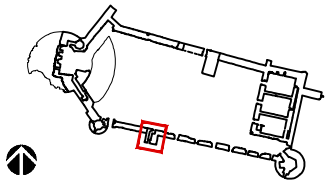
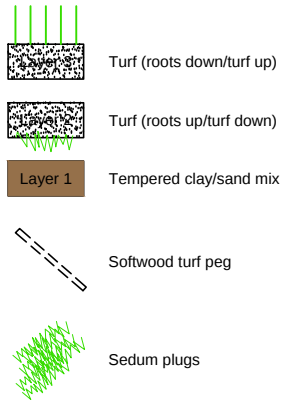
Stainless steel threaded rod to be fitted through tube to prevent ventilation tube from falling into shaft.

Sedum plants planted in four/five rows at soft capping edges. Sedums to be planted at approx. 150mm centres and should spread to 250-300mm.



1:20 SECTION AA: proposed soft capping installation.

#### KEY TO SOFT CAPPING LAYERS



**Residual Risks**  
1. Works to be undertaken from designed scaffold.

Reviews

SMC  
BOTHWELL CASTLE  
PROJECT LATRINE TOWER CONSOLIDATION WORKS  
PROPOSED SOFT CAPPING DETAILS

HISTORIC SCOTLAND  
ALBA AOSMHOR

PROJECT DRAWING NUMBER 90038-150714-005  
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ARCHIVE NUMBER