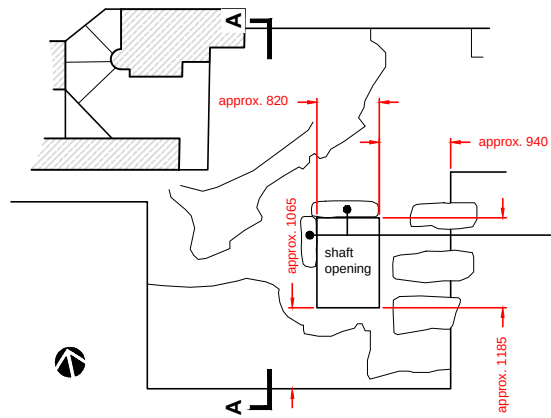


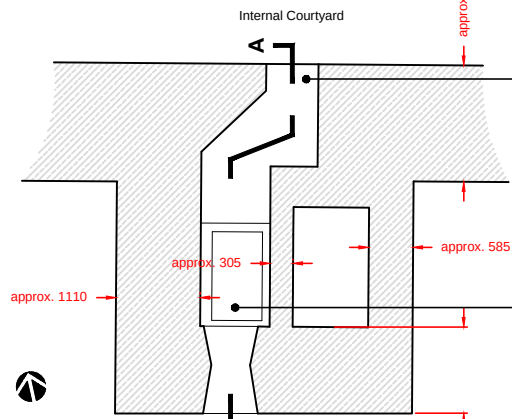


ROUGH RACKED WALLHEAD TO LATRINE TOWER: photographed 13th March 2015



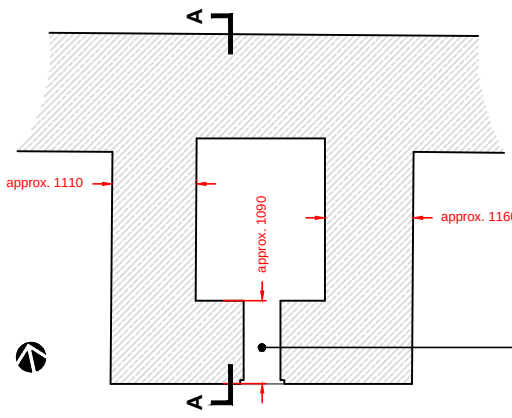
1:50 LATRINE TOWER ROUGH RACKED WALLHEAD:
extracted from archive drawing 188/038/005 (date unknown).

Worked larger stones to edges of shaft which may be original, likely reset in recent past.



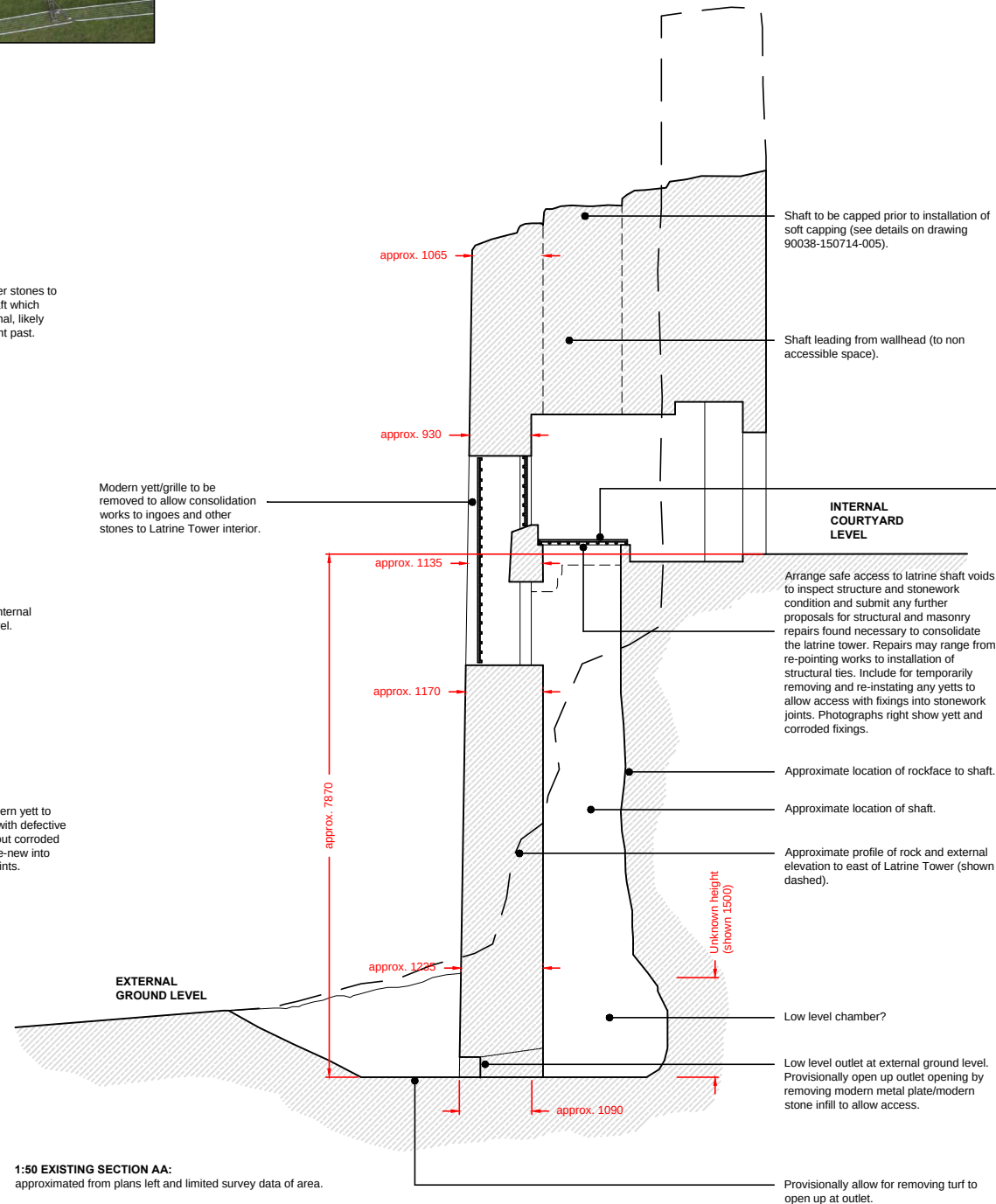
1:50 LATRINE TOWER AT INTERNAL COURTYARD LEVEL:
extracted from archive drawing 188/038/018 (circa 1924).

Existing modern yett to latrine shaft with defective fixings. Cut out corroded fixings and re-new into stonework joints.



1:50 LATRINE TOWER AT BASE:
extracted from archive drawing 188/038/018 (circa 1924).

Low level opening in depression at external ground level.



1:50 EXISTING SECTION AA:
approximated from plans left and limited survey data of area.

Shaft to be capped prior to installation of soft capping (see details on drawing 90038-150714-005).

Shaft leading from wallhead (to non accessible space).

INTERNAL COURTYARD LEVEL

Arrange safe access to latrine shaft voids to inspect structure and stonework condition and submit any further proposals for structural and masonry repairs found necessary to consolidate the latrine tower. Repairs may range from re-pointing works to installation of structural ties. Include for temporarily removing and re-instating any yetts to allow access with fixings into stonework joints. Photographs right show yett and corroded fixings.

Approximate location of rockface to shaft.

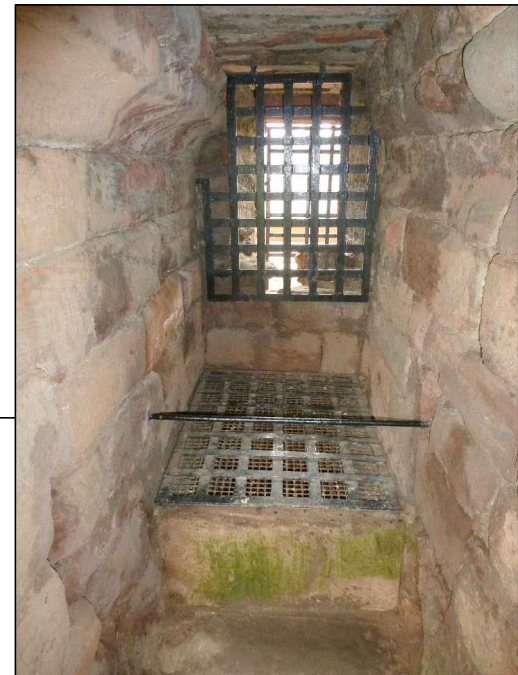
Approximate location of shaft.

Approximate profile of rock and external elevation to east of Latrine Tower (shown dashed).

Low level chamber?

Low level outlet at external ground level. Provisionally open up outlet opening by removing modern metal plate/modern stone infill to allow access.

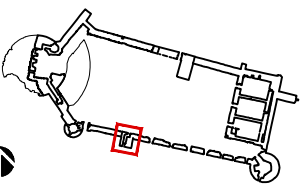
Provisionally allow for removing turf to open up at outlet.



Yett/grille to chute at internal courtyard level to be removed to allow safe access into shaft for assessment to be made of stonework condition.



Defective and corroded yett fixings. Fixings to be cut out to allow removal of yett, with new fixings into stonework joints being used to re-install yett once condition inspection of shaft and any necessary repairs have been completed.



Residual Risks

1. Works to be undertaken from designed scaffold.

Revision:

REV A: 10/03/2016 [SD] - shaft cap and soft capping details added.

REV B: 25/04/2016 [SD] - soft capping details separated to dwg 005.

SMC

MONUMENT	BOTHWELL CASTLE
PROJECT	LATRINE TOWER CONSOLIDATION WORKS SHAFT AND INTERIOR CONSOLIDATION DETAILS



PROJECT DRAWING NUMBER		90038-150714-003B	
SCALE	1:50@A1	Architect	P.BEATON
DATE	10/02/2016	DRAWN BY	S.DEASLEY
ARCHIVE NUMBER		-	