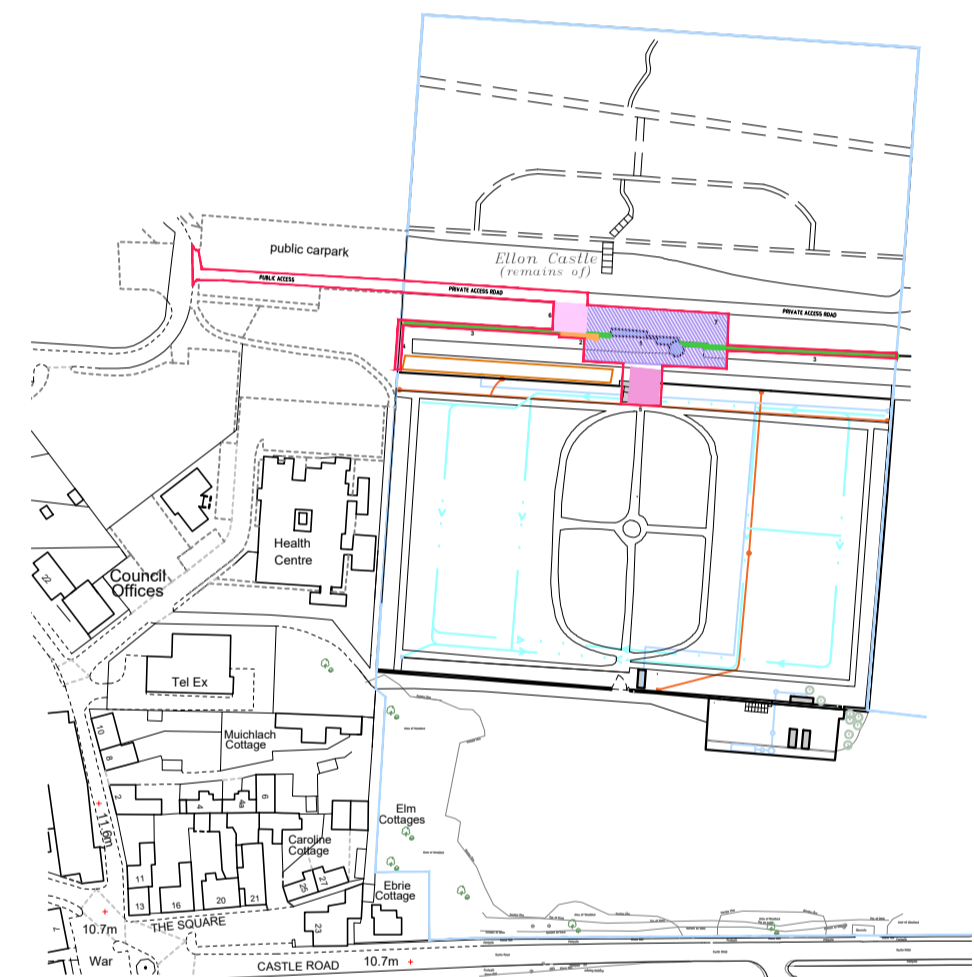


ELLON CASTLE GARDENS  
AREAS INCLUDED IN PHASE B FUNDED REPAIRS, WITH NOTES

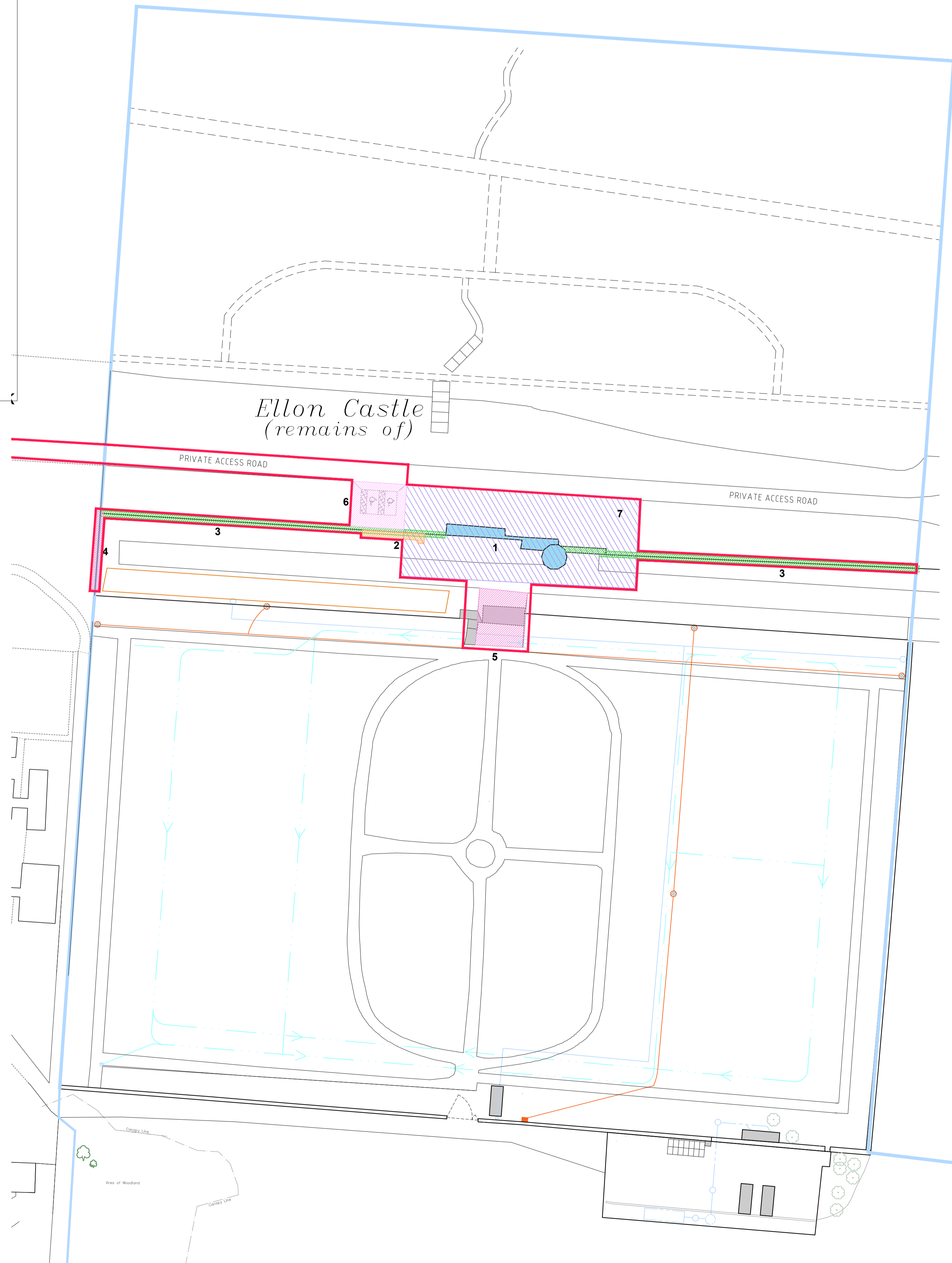


DRAWING KEY FOR PHASE B FUNDED REPAIRS  
(highlighted on plan):

- 1. Repairs to Ellon Castle Ruin (subject to scheduled monument consent) to stabilise the wall heads and carry out some areas of repointing to the wall surfaces to help protect the structure from water ingress.
- 2. Install new ramp, including handrails to provide accessible entrance to Upper Terrace through existing gate on north wall (subject to scheduled monument consent).
- 3. Repairs to north boundary wall, including repointing and replacing lost capping.
- 4. Repairs to west boundary wall, including removing large root, rebuilding and leveling wall before installing slate capping on top. Also subject to statutory approvals, installing new railings along wall head to provide protection and security.
- 5. Repairs and alterations to existing Garden House (listed structure) to bring building into use as small garden history interpretation area and meeting room.
- 6. Proposed two disabled parking bays positioned out with the scheduled monument area but within short distance from access to upper terrace garden.
- 7. Hatched area indicates scheduled monument site, taken from HES data file.



LOCATION PLAN 1:2500



ELLON CASTLE GARDENS SITE PLAN 1:500  
(Site area outlined in red = 1885m<sup>2</sup> / 0.1885 ha)

NOTES FOR REPAIRS TO CASTLE (subject to Scheduled Monument Consent):

1. Ivy growing on south elevation of tower to be cut back to 2 – 5 cm from face of stone and roots left in place as per recommendations from HES.
2. Cut back any vegetation growing along wall heads of castle and adjoining walls to around 2 – 5cm from face of stone and leave root in place.
3. To assist with lime mortar specifications for repairs, samples of any remaining lime mortars and plaster to be sent for mortar analysis which will help determine the most suitable mixes which closely matches the original.
4. The wallheads of the castle require consolidation to ensure loose stone is secure and made safe. The upper masonry courses show wash out of mortar beds and will require repointing after consolidating the wallheads. Consolidate voids in the open jointed masonry by tamping with a lime mortar (specifications of all lime mixes to be agreed with HES prior to commencing on site) and pinning with small pieces of stone (either salvaged from site or bought locally to match existing), before repointing in appropriate lime mortars.
5. Wallheads of castle should be sealed by rough racking and pointing should be profiled in such a way that rainwater will be shed off the wallhead and ensuring there are no pockets formed where water could pond.
6. Timber lintels above W12, W17, W21 and W29 are at high level but appear to be in poor condition and unsafe. Allow for replacing these with new oak lintels, setting aside existing timbers for potential dendrochronological testing / analysis. Masonry above these openings requires consolidating, ensuring masonry packed tightly with pinnings and lime mortar (specification to be agreed following mortar analysis of existing mortars). If, once high level access is provided, these timbers are in better condition than expected, it may be possible to retain them insitu but provide additional support using a non-ferrous bar underneath them (specification required by Structural Engineer).
7. Timber lintels above W16, W20 and W30 are missing (presumably decayed and fallen out). New oak lintels to be fitted and masonry above and around them to be consolidated, ensuring masonry packed tightly with pinnings and lime mortar (specification to be agreed).
8. Stone lintel over W5 (south elevation) is cracked and should be repaired insitu using non ferrous bar to support lintel underneath (to Structural Engineer's specification). Infill crack in lintel with a lime mortar and monitor for any further movement. Ensure masonry above and around opening is consolidated and pointed up in lime mortar, replacing lost pinnings, as required.
9. Armorial panel on south elevation has been inspected by Conservator and their recommendations have been provided separately. A new dressed "intel" should installed above the armorial panel with drip, to provide some protection from weather. Detail to be agreed with HES. Some fragments of original lime wash still remain on more sheltered areas of the stone surface. Consider carrying out analysis of these for historic records / future repairs.
10. Sandstone fluted pilasters on north elevation wall have been inspected by Conservator and their recommendations have been provided separately. A new lead cope should be formed and installed over each pilaster to provide some protection from weather. Detail to be agreed with HES.
11. Stone lintel above D2 and F1, as noted on north elevation, are cracked. Repair insitu as per note 8 for W5.
12. Indicative areas for general repointing have been highlighted on drawings. Open jointed masonry should be repointed with appropriate lime mortars (specifications to be agreed and samples provided prior to commencing work). Large voids should be filled with pinnings (salvaged or new to match) tamped in lime mortar, ensuring that the finished face of the repairs matches the surrounding stonework. All new lime mortars must be protected adequately to avoid rapid drying out during initial curing, using damp hessian and tarpaulins held securely in place. All repairs to be carried out by specialist traditional masonry contractors, experienced in the use of lime mortars.

NOTES FOR REPAIRS TO NORTH BOUNDARY WALL :

1. As Castle, remove any vegetation and treat larger roots with biocide prior to work commencing to ensure roots have died back before their removal.
2. Allow for 100% new Caithness slate capping pieces with drip underneath. Include for cutting sections to fit curved section of wall adjacent to D1.
3. Allow for consolidating wall head and leveling off to suit new capping using salvaged stones from site (or new to match) and lime mortars. (Specifications and samples to be agreed).
4. Allow for 40% repointing to both faces of wall in lime mortar, mainly to top and bottom courses along length of wall. Filling any voids with pinnings to match original finish of wall.

NOTES FOR REPAIRS TO WEST BOUNDARY WALL :

1. As noted previously, remove any vegetation and treat larger roots with biocide prior to work commencing to ensure roots have died back before their removal. There is one particular large tree root as noted on drawings.
2. Allow for 100% new Caithness slate capping pieces with drip underneath. Include for cutting sections to fit curved section of wall. It may be possible to reuse some small sections of existing slate capping on the curved section.
3. Allow for consolidating wall head and leveling off to suit new capping using salvaged stones from site (or new to match) and lime mortars. (Specifications and samples to be agreed prior to commencing).
4. Section of wall on along the embankment and where large tree root grubbed out will require some rebuilding.
5. Allow for 30% repoint of garden face of existing wall using pinnings and lime mortar and to a finish to match surrounding face.
6. Subject to statutory approvals, new galvanised and powder coated steel railings to be installed along wall head (along wall as shown on drawing). Fixings to be down into wall (depth to be agreed). Holes drilled through masonry using a non-percussion system, i.e diamond drill to reduce the risk of damage due to vibration. Holes to be chiseled to remove smooth sides and remove dust and debris from within, using air pump. Holes to be kept dry before installing iron bars and preparing clay bund around hole. Molten lead to be poured into prepared socket around iron bar using small laddle and left to cool. Remove clay bund and any excess lead, to provide a smooth tapered surface.

Notes:

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C	Site area amended and notes	AD	10/01/24
B	Scheduled monument area shown	AD	18/12/23
A	Notes Revised	AD	14/07/22
REV:	DESCRIPTION:	BY:	DATE:
STATUS: <b>PLANNING</b>			



CLIENT: **Ellon Castle Gardens**  
57 Station Road  
Ellon  
Aberdeenshire

SITE: **Upper Terrace and Castle**  
**Ellon Castle Gardens**

TITLE: **Repairs to Castle (ruin) and**  
**Upper Terrace walls (Site Plan)**

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:500	23/06/22	AD	
PROJECT NO:	DRAWING NO:	REVISION:	
051	051-P-01	C	