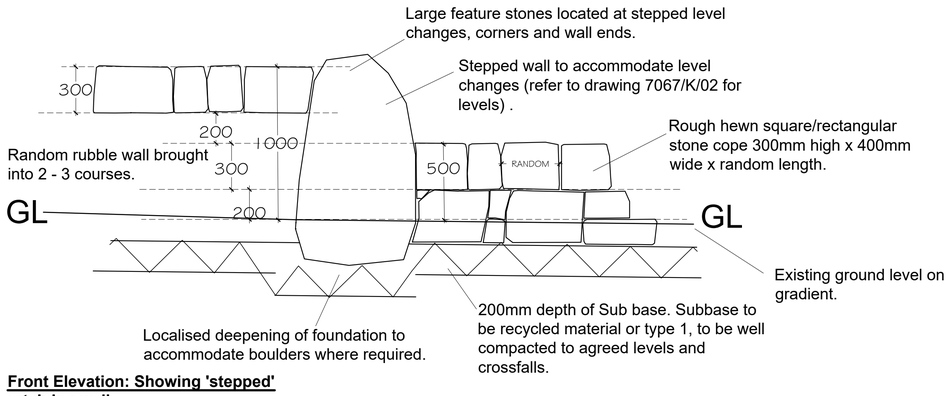
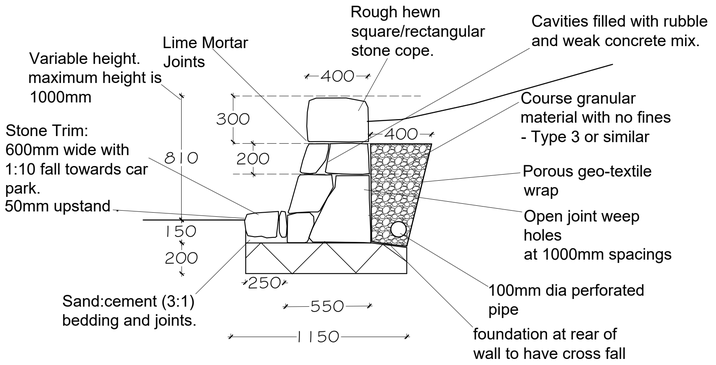
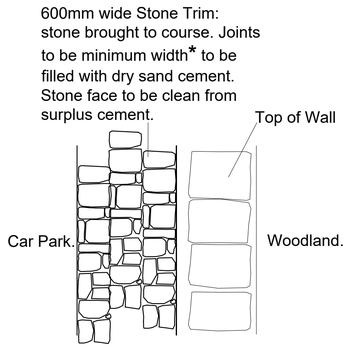


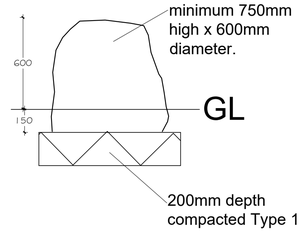

**Front Elevation: Showing 'stepped' retaining wall.**
**Scale 1:20**



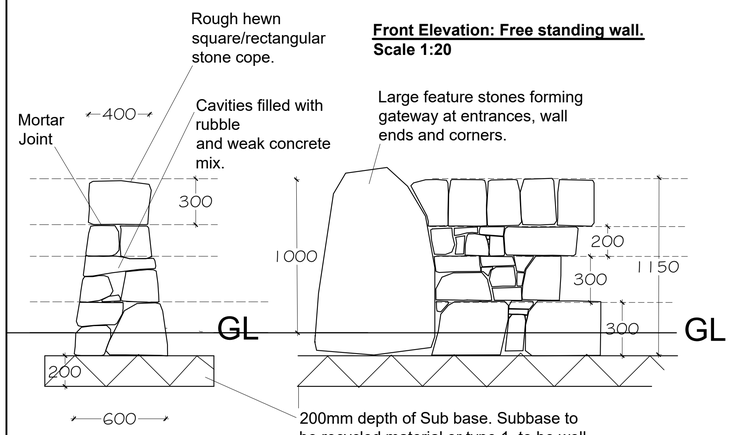

**Typical Section Through retaining wall**
**Scale 1:20**




**Plan showing stone trim**
**Scale 1:20**



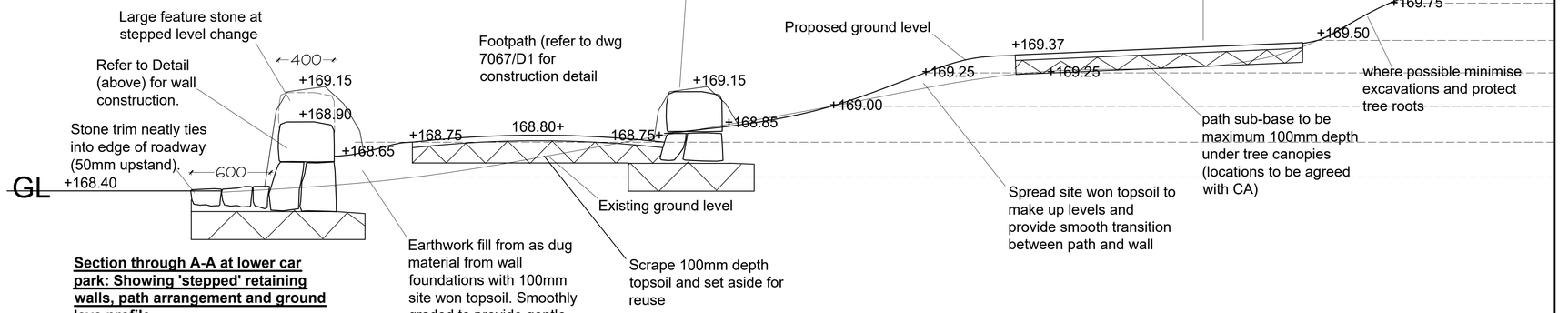

**Boulder installation**
**Scale 1:20**




**Section through free standing wall**
**Scale 1:20**

**Front Elevation: Free standing wall.**
**Scale 1:20**




**Section through A-A at lower car park: Showing 'stepped' retaining walls, path arrangement and ground leve profile**
**Scale 1:20**

**Stone Wall** **Scale 1:20**

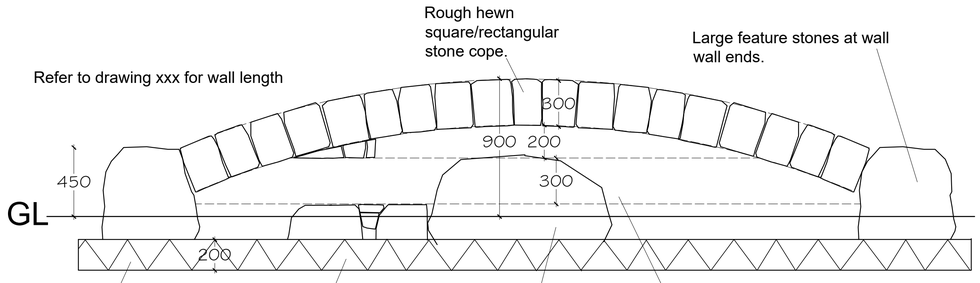
- Use locally sourced stone (red sandstone with samples to be agreed prior to construction). Large feature/corner stones and through stones can be from a different approved source but must be compatible in colour to the local building stone and approved prior to construction.
- Random rubble stone wall brought in to 3 courses plus cope with bottom course and end piers from large stone/boulders. Cope is rough hewn rectangular.
- Contractor to allow for all hand tooling to achieve the above and ensure that the exposed surface is 'fair' and consistant.
- Stoned to be cleaned of loose organinc material, paint and old mortar prior to construction. Stone to be approved prior to construction. Caveties to be filled with rubble and weak concrete mix. Surplus mortar/spilage to be cleaned from stone faces.
- Overall height (above GL) max 1000mm. Height Varies.
- Jointing: lime mortar 6 sand:1 cement: 1 lime
- Joints with bucket handle recess.
- Colour to be approved prior to full construction.
- Joint width to be kept to a minimum: 7 - 15mm depending on size and nature of stone*
- Foundation to be 200mm deep.
- Stone to be approved by CA prior construction.
- Sample panel minimum 2m long and to include end special section and coping to be built and approved by CA prior to construction of wall.

**Stone Trim to Base of Wall:**

- Use locally sourced (or Sheirglass Quarry) gabion stone - sample to be agreed prior to construction.
- Stone brought to course.Contractor to ensure that the exposed surface is 'fair', consistent and ties neatly with existing car park surface without trip hazards.
- Stone to be approved prior to construction.
- Bedding: sand: cement. depth varies to suit depth of stone.
- Joints: dry sand: cement mix (3:1) with stone faces to be clean from surplus cement.
- Foundation to be 900 x 200mm deep.
- Sample panel minimum 2m long a to be built and approved by CA prior to construction of wall.

*** Joints to be discussed and agreed in relation to stone size prior to construction**

Above: Example of stone wall showing sandstone panel infill laid to corses, cope, glacial boulder end stone and recessed mortared joints. The workmanship for the proposed walls at the Knock shall **match or exceed** the quality of this wall which is located at the entrance to Larghan Park in Coupar Angus PH13 9AN




**Front Elevation: free standing curved wall at upper car park picnic area.**
**Scale 1:20**



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TEL: (01738) 476400

PROJECT: **The Knock**

TITLE: **Stone Walls TENDER**

SCALE: 1:20
DATE: April 2020
DRAWN: DC
AUTH:
DWG No: **7067/D2**
REV: