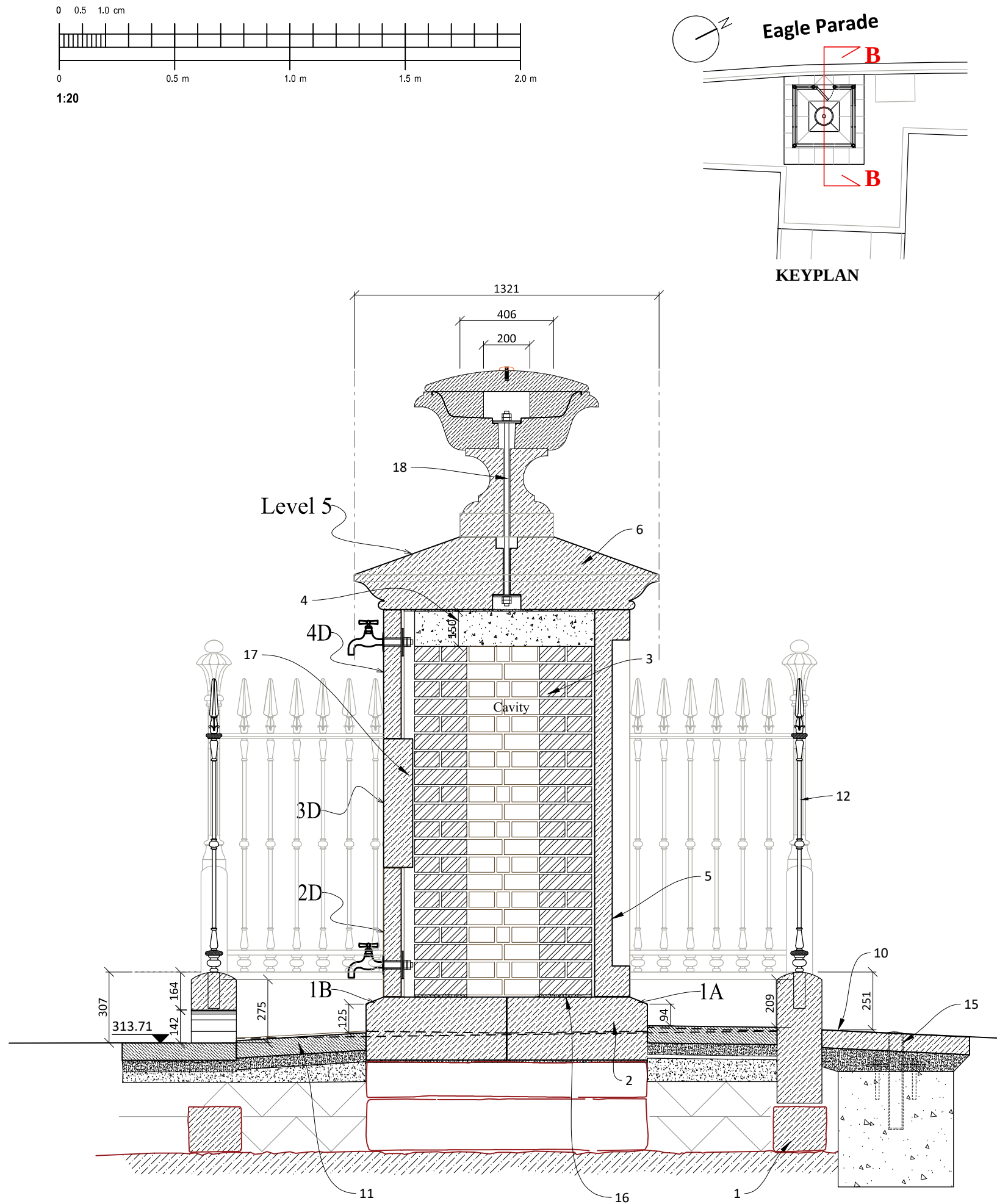
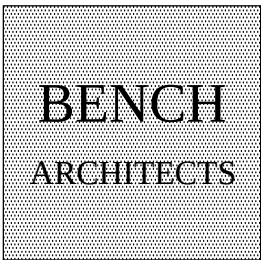




SECTION B-B

- NOTES:
- 1. Footings Supporting the Gritstone Railing Plinth** - Existing foundation stones to the railing plinth are to be reused and consolidated with supplementary stone all in hydraulic lime mortar.
 - 2. Cistern Plinth and Gritstone Slab Footings** [Level A] - original paired 1,219mm x 608mm x H194mm gritstone Cistern plinth carefully repaired and reinstated. The **cistern's gritstone slab footings** are to be retained and repaired onto a consolidated substructure.
 - 3. Produced Brick-Core** - Class B, Durability F2. 21 courses laid to English Bond with Queen-Closers and King-Closers to form quarter bonds between courses. Refer to drawings **P-520-1 Section AA & CC** for bond pattern. Brickwork laid with NHL.2 mortar, or a hot-mixed-lime mortar with a pozzolan.
 - 4. Reinforced Insitu Concrete Slab** - for the structural support of gritstone cornice. 150mm deep to structural engineers specification.
 - 5. Ashlar - Cenotaph** [Levels B/C/D] - retained ashlar repaired and indented. New gritstone components specified where the ashlar is significantly decayed. The ashlar components are jointed with stainless steel dowels and restraint cramps to the structural engineer's design, and bedded with NHL.2 mortar, or a hot-mixed-lime mortar with a pozzolan. The eastern arched ashlar panel has the Cavendish raised motif of a coiled serpent and the date 1840 in Clarendon font. The western ashlar has two bronze taps.**All new ashlar to be either Birchover Buff gritstone or Peakmoor-New Pilhough.**
 - 6. Gritstone Cornice** [Level E] - New gritstone cornice drilled to receive stainless steel urn reinforcement rod and locking nuts.

- 10. Gritstone Railing Plinth** - with cambered top cW195 x H395mm. Western elevation central plinth is arched to drain surface water. Gritstone plinth secured with M16 dowels at circa 250mm centres into concrete footings.
- 11. Riven Gritstone Pavers** - 8no W600 x L1200mm rhomboid shaped c75mm thick. 2no at drainage arch W550 x L440mm. Pavers bedded on minimum 25mm of 50%/50% soft and sharp sand 4:1 NHL.5 lime mortar mix. 2% slope from eastern apex to western drainage arch.
- 12. Cast-Iron Railings** - reinstated from documentary evidence including photographs from the DCC Buxton Museum ref DCBM100383 and 1920's Buxton Museum - Well Dressing J.R. Board photographs. The design of railings and posts appear influenced by Lewis Nockalls Cottingham's 1823 Founders Director, and typically Italianate designs of Wyattville, Basevi, Papworth, Barry. For safety reasons the railing finials have been blunted and the railing gaps are less than 100mm. An inward opening locked 'secret' gate is positioned on the western elevation. The railings are to be two-pack epoxy painted in a low-sheen in Hague Blue, or Purple-Brown.
- 15. Well Dressing Sockets** - stainless steel CHS tube (size to suit poles) welded to 12mm thick SS base plate approx. 250mm square. Bolted to slab with 4 No M16 HILTI HIT HY200A SS resin anchors with 150mm spacing, 100mm edge distance to concrete base and 150mm embedment.
- 16. Mortar Bed** - suggest NHL3.5
- 17. Masonry Ties** - tie ashlar to masonry plinth using Ancon MDS or YDB ties and 6x60 loose dowels in joints
- 18. Urn Reinforcement Rod** - 20mm diameter SS rod with threaded ends and 50mm square x 6mm thick SS plate washers top and bottom.



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ARCHITECTURE
HISTORIC BUILDING REPAIR
THE AUTHENTIC INTERIOR

PROJECT:

Eagle Parade Conduit
Eagle Parade
Buxton
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CLIENT:

Buxton Civic Association

SUBJECT:

PROPOSED
SECTION B-B

PLANNING AND
LISTED BUILDING

DRAWING NO:

24233-P-541 E

DATE:

July 2025

Revisions:

C: Notes and well dressing socket updated, apron paving extended. 22.09.25
D: Scaling note amended. 01.10.2025
E: Notes amended. Project title changed from Eagle Parade Drinking Cistern to Eagle Parade Conduit. Railings amended following 16.03.26 survey. 29.04.26

SCALE:

1:20 @ A3

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