

UPDATED INTERPRETATION DESIGN PROPOSALS

30.11.16



BEACONS

- Elements that encourage dwell time
- Somewhere to sit
- Provide an element of shelter
- Connect construction material to location
- Responsive to each location
- Connection stories between beacons/markers



WHO IS IFLI?

The partnership is led by RSPB Scotland and includes Clackmannanshire, Falkirk and Stirling Councils, Historic Environment Scotland, The Central Scotland Green Network Trust and Sustrans.

MARKERS

- Totem/sculptural form
- Include local craftspeople to construct
- Include local and IFLI wide reference within interpretation
- Reference to physical manifestation of branding which people recognise

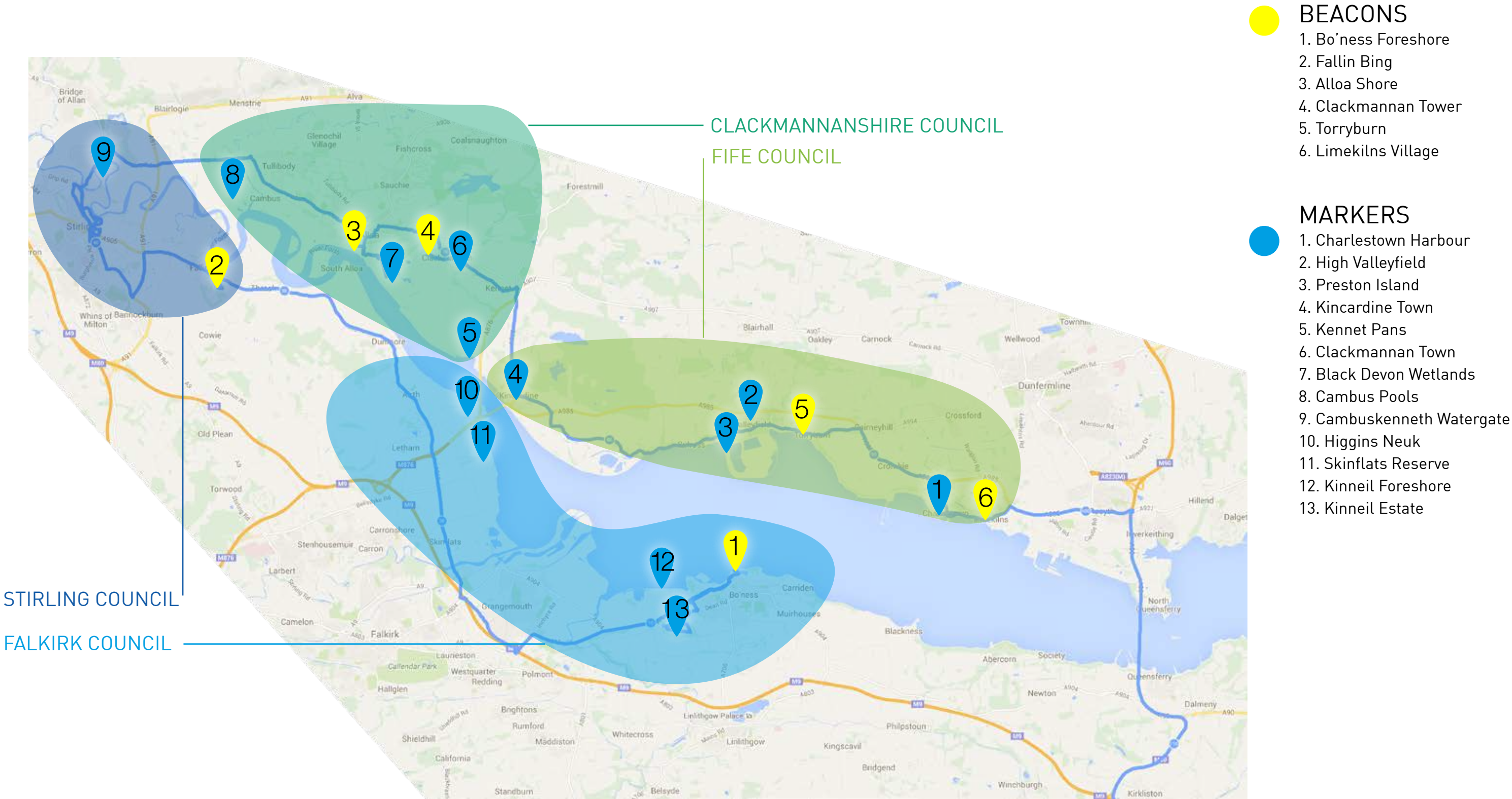


WHAT IS IFLI?

The Inner Forth Landscape Initiative is a Landscape Partnership Scheme supported by the National Lottery through the Heritage Lottery Fund.



BEACON CLUSTERS

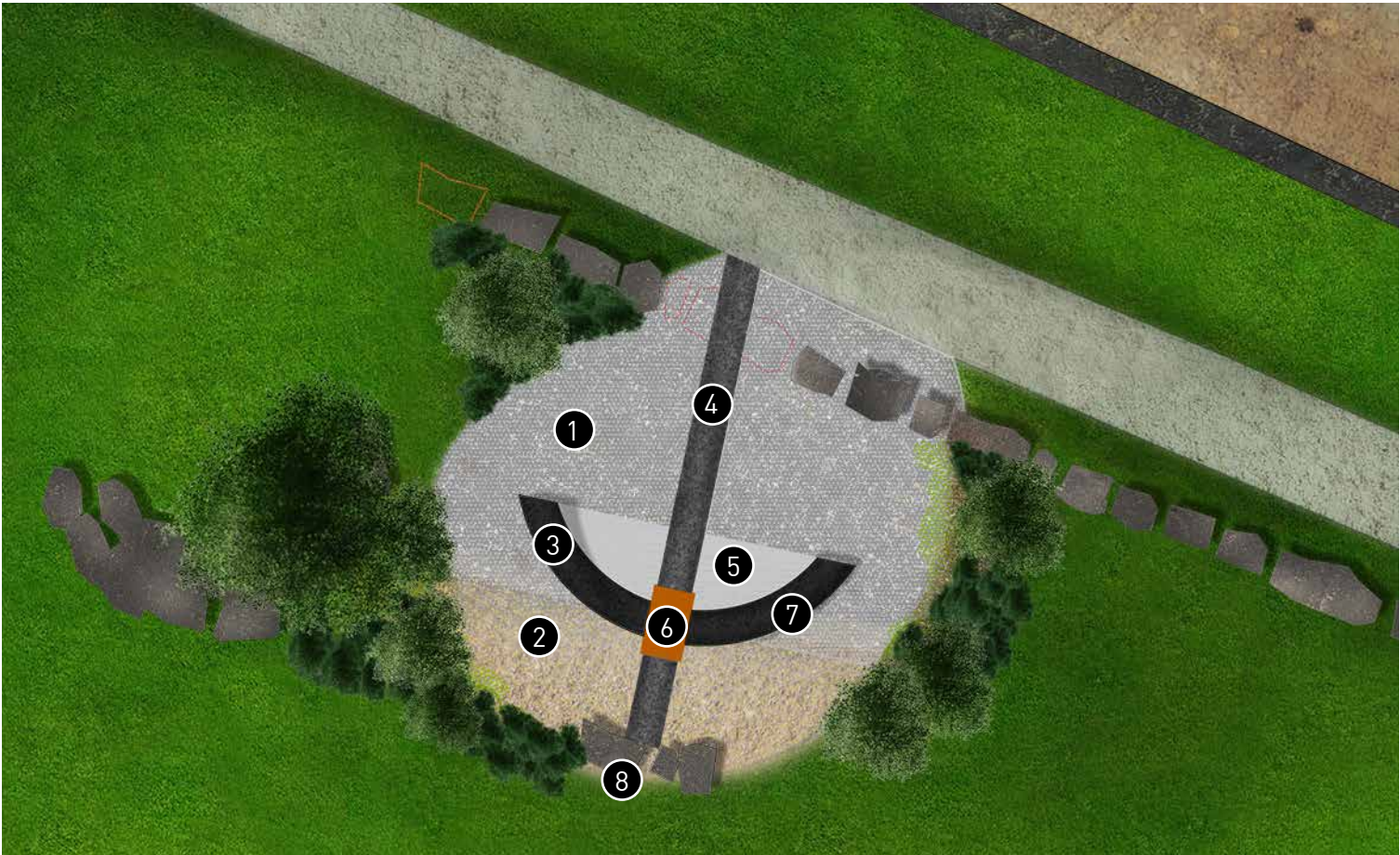
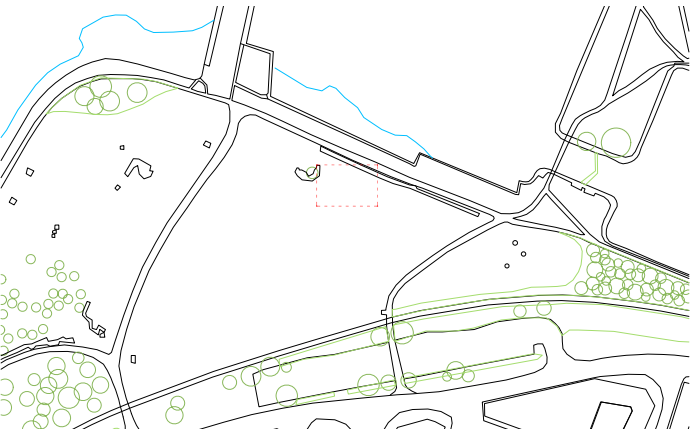


BEACON SITE 1 BO'NESS FORESHORE

The concept for the landscape design is driven by the 180° views across the Firth of Forth and the related story of the underground mining tunnel. Sight lines are framed with the granite blocks and new planting, oriented to follow the geometry of the harbour pier and the longer distance views west towards Grangemouth.

The orientation of the principal view corridor, as marked by the granite path, is aligned with Valleyfield on the north shore where the tunnel linked with Bo'ness.

LOCATION PLAN
Coordinates: N56.019358, W3.607074
Site ownership: Falkirk Council? TBC



LEGEND

1. Grey whin 25mm depth, 150mm sub-base
2. Buff whin 25mm depth, 150mm sub-base
3. Stainless steel 'EverEdge'
4. Black granite slabs, etched
5. Silver grey granite slabs
6. Timber tunnel 100mm thick with metal support
7. Bench - granite top, gabian basket base
8. Boulders relocated

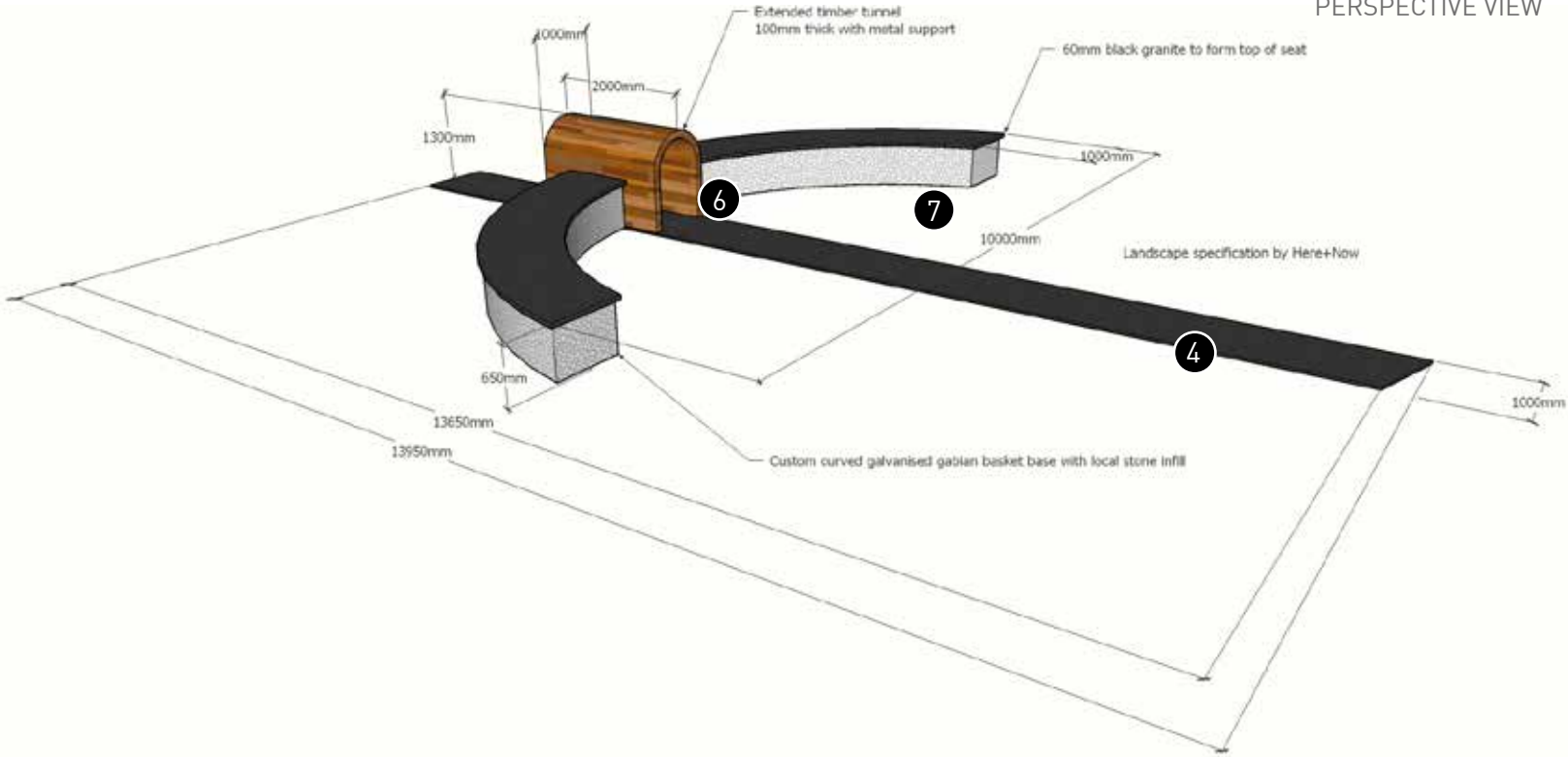
PLANTING SUGGESTIONS

1. Shrub based planting, to include Pinus mugo (Dwarf Mountain Pine) with the broom and thyme ground cover, or
2. Grasses (Helictochriton sempervirens AGM, and Pennisetum alopecuroides) with a ground cover of Armeria maritima (sea thrift)



1:200 @ A3
N

PERSPECTIVE VIEW



INTERPRETATION

- Views of river
- Industry including salt panning, coal, iron founding, pottery
- Major port
- Cross-river links (ferry, mines)
- Curiosity of granite blocks from submarine pens

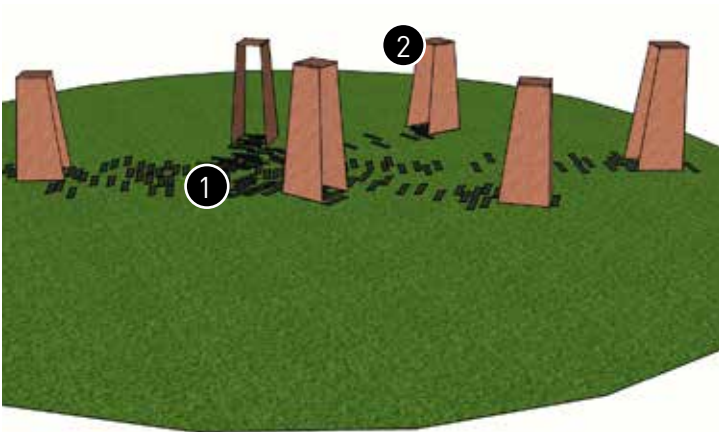
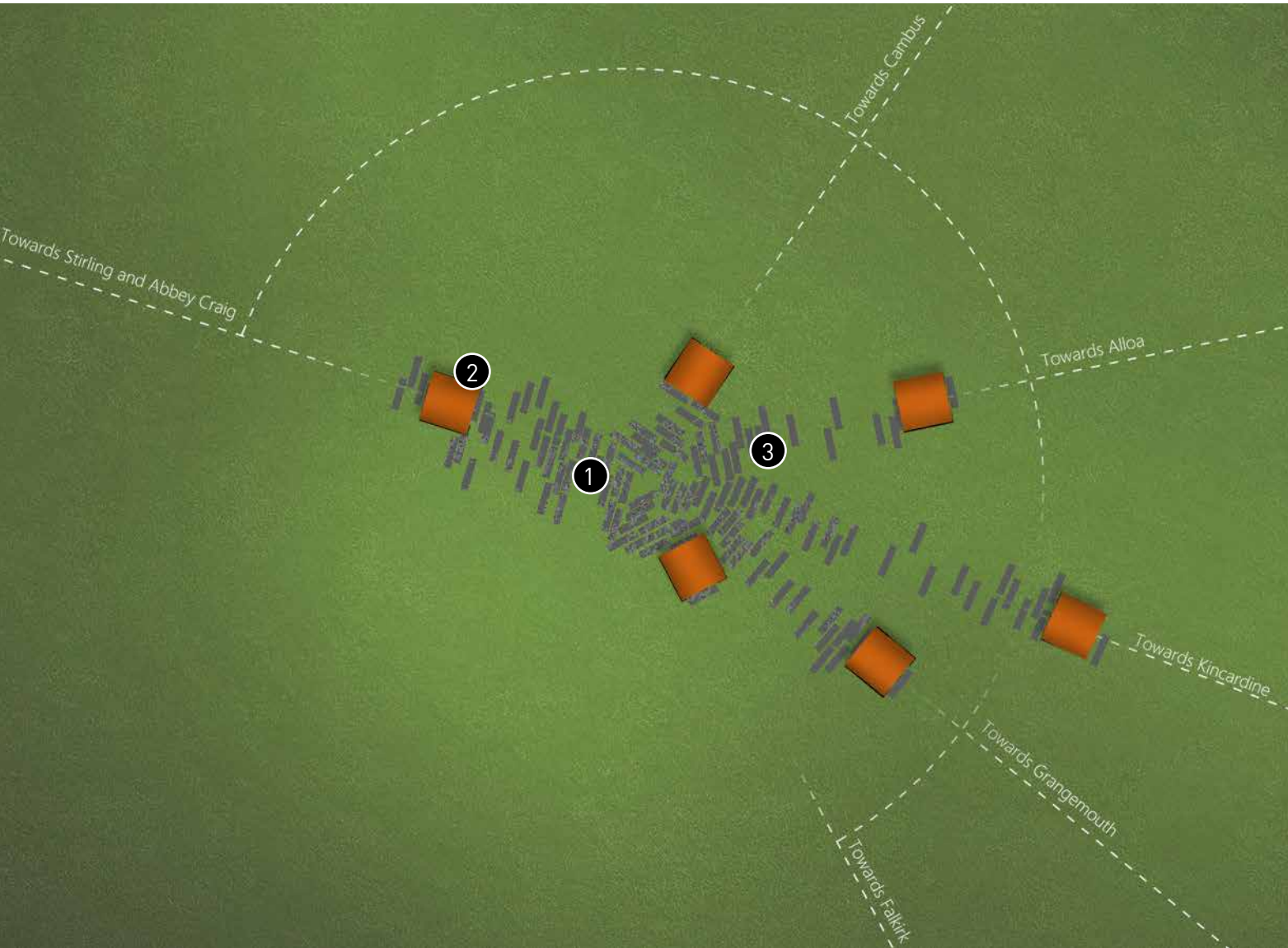
BEACON SITE 2 FALLIN BING

Fallin Bing is one of the few Beacon locations with a 360o view across the extents of the Inner Forth Landscape area. The design for the Beacon is a celebration of the features of this landscape, as well as the other Beacon locations which are part of this project.

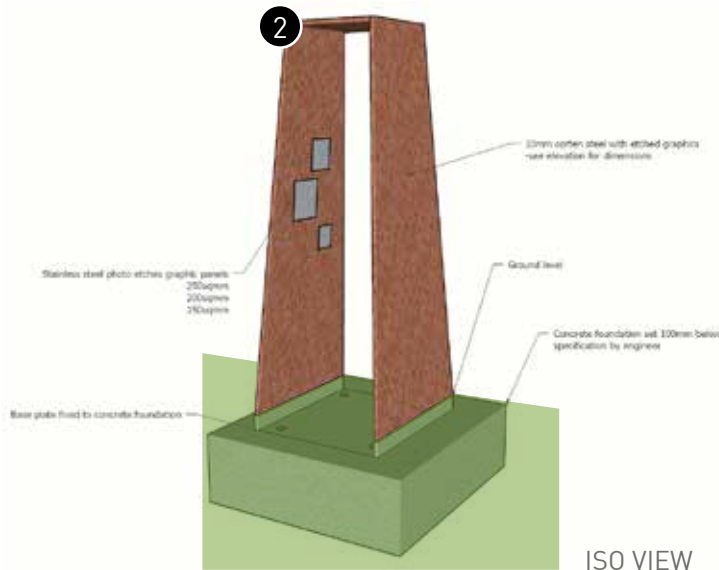
Located at the top of the Bing, this Beacon invites people to experience the landscape setting from a point of prospect, framed views which each tell a section of a whole story.

The ground is susceptible to erosion, given the sparse vegetation cover and the fine, dusty constitution of the mining spoil. The radial application of the paving planks responds to the topography and helps to reinforce the ground from rain and wind erosion. It emphasises the crown of the Bing and directs visitors towards the framed views. The centre of the space is in self-binding whin dust, which peters out as the granite planks form an informal yet robust route to the framing arches.

The gaps between the planks become colonised with the plant species already present, helping blur the boundaries between the intervention and the existing landscape.

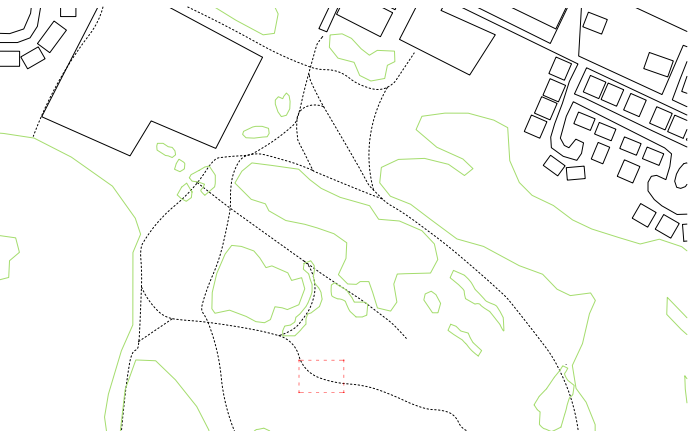


PERSPECTIVE VIEW



ISO VIEW

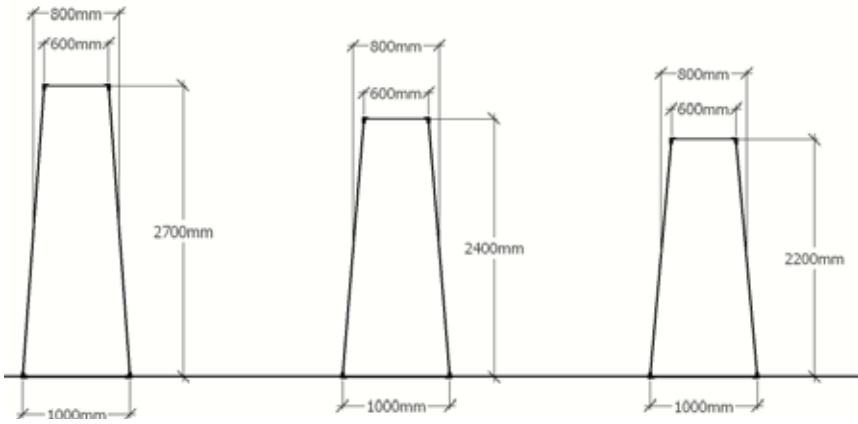
LOCATION PLAN
Coordinates: N56.099205, W3.868239
Site ownership: Stirling Council



- LEGEND
- 1:100 @ A3
N ▲
1. Mid grey granite 'planks' (0.5x0.1)x 194
 2. Corten steel viewing beacon, CNC / etch
 3. Natural regeneration of native vegetation (re-use stripped topsoil)

INTERPRETATION

- View of Inner Forth Landscape
- Landscape reclamation
- Mining
- Wildlife
- People's influence on landscape



ELEVATION

BEACON SITE 3 ALLOA SHORE

Taking the existing infrastructure of the interpretation and public realm on Alloa shore, the proposal is to enhance this with a high quality finish and a refreshed approach to the interpretation.

The existing concrete plinths will be wrapped with interpretation signage.

The existing concrete bench bases will be re-topped with new hardwood timber.

The paving will be retained as is, with some maintenance of weeds and replacement of any missing cobbles.

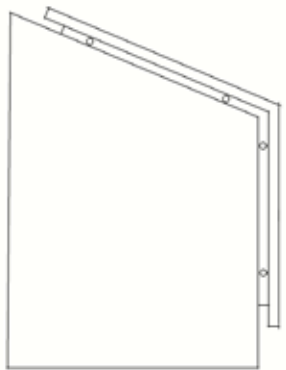
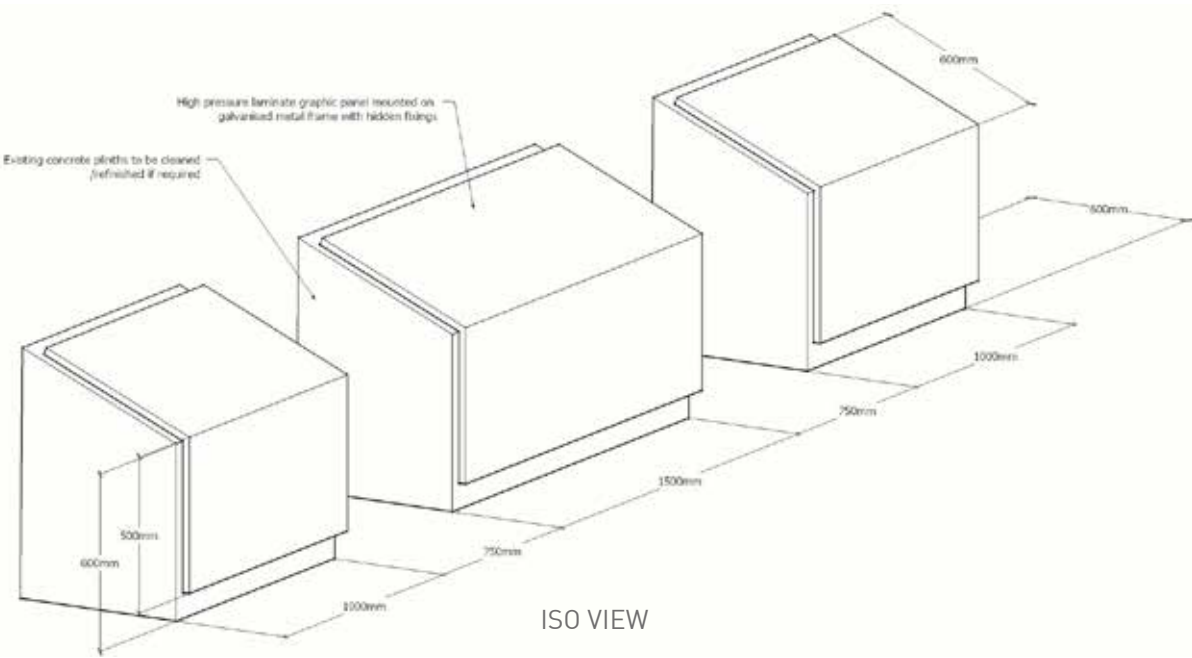
LOCATION PLAN
Coordinates: N56.108227, W3.797039
Site ownership: TBC



LEGEND

1. European hardwood timber seat tops
2. High pressure laminate overclad interpretation signs
3. Paving - sandstone replacing concrete / cobbles
4. Planting to frame space - groundcover (Ivy)
5. Planting to frame space - trees (Birch) 18cm girth

1:150 @ A4
N ▲



SIDE ELEVATION

INTERPRETATION

- Trading harbour / customs port
- Coal / waggon ways
- Former ferry to South Alloa
- Glassworks
- Salt, beer, weaving
- Smuggling
- Landed estate

BEACON SITE 4 CLACKMANNAN TOWER

Focusing on the wide southerly views over the Inner Forth landscape area, this Beacon invites locals and visitors to pause and appreciate the stories held in this special location.

Located in front of the Castle, this Beacon is a light touch intervention in the form of a gabion bench (no foundations required) which offers a splay of different views from this sun-trap seating spot.

The area immediately in front of the bench, which will take the main foot traffic, is protected with reclaimed granite slab paving as seen in other IFLI area locations.

The surface of the bench is etched with a graphics revealing clues to the stories of the locations within the view. The form of the seat itself is intended to work with the contours, requiring almost no earth-moving, with only turf stripping in the location of the bench and to set the granite slabs.



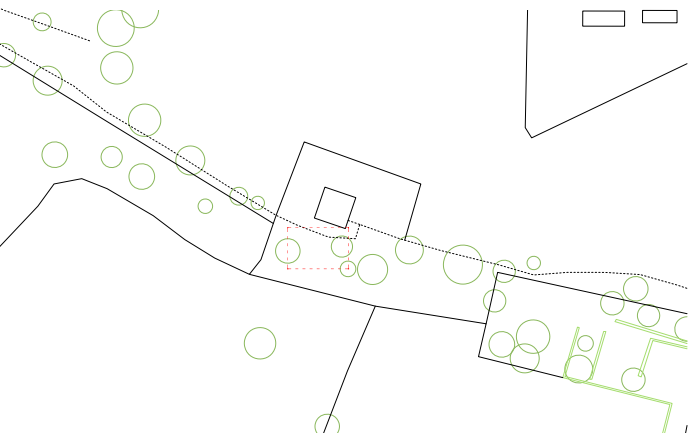
LEGEND

1. Dark grey granite bench top, etched, 1m wide
2. Gabion bench (0.8x0.4)
3. Reclaimed granite flag paving

1:100 @ A3
N ▲

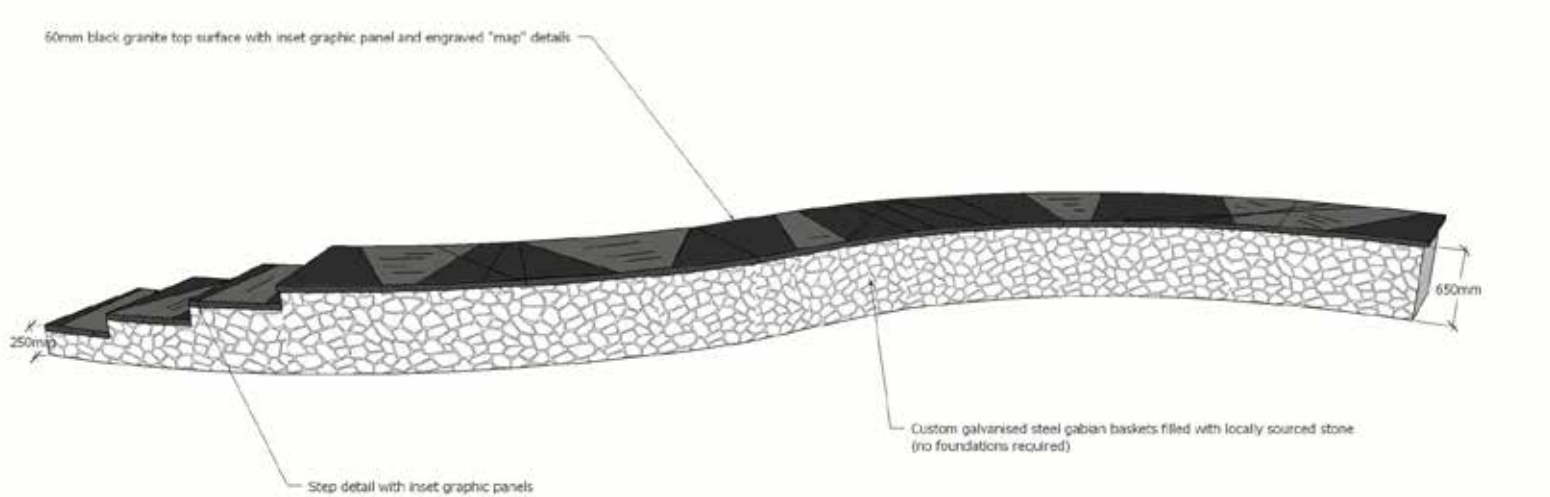


LOCATION PLAN
Coordinates: N56.107779, W3.760020
Site ownership: HES / Msr Estate



INTERPRETATION

- View over Inner Forth Landscape
- Geology / geomorphology
- Mining / subsidence
- Adjacent wetlands / birds
- Clackmannan Tower
- Other Tower Trail sites
- Black Devon Wetlands
- Mar, Bruce and Erskine Estates



PERSPECTIVE VIEW

BEACON SITE 5 TORRYBURN

The 3x timber picnic benches are replaced in this Beacon design, and replaced by something which offers amenity to locals and visitors alike.

A curved wall of large timber sections creates a backdrop and sense of enclosure, directing views out towards the estuary and providing shelter. This incorporates a timber seat, around a circular table, and with a freestanding timber topped bench facing the screen to provide flexible picnic table arrangements.

Where the existing picnic benches have been bolted into foundations the paving will need to be made good. An area of high quality material such as the locally quarried Cullalo (sandstone) setts could be used.

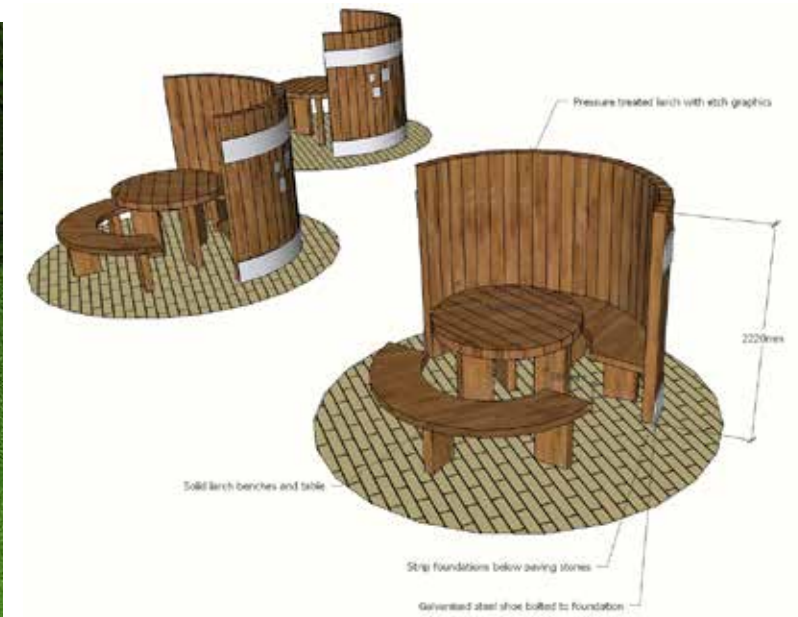
INTERPRETATION

- Intertidal mudflats / SSSI / birds
- Former port for Dunfermline
- Sir James Erskine of Torrie, art collector and soldier
- Former mining village
- Former linen / cotton mill village

LOCATION PLAN
Grid reference: N56.057862, W3.572585
Site ownership: TBC



- LEGEND
- Break out and remove existing tables
Break out and remove existing blocks
1. 3x Circular hardwood timber table
 2. Hardwood benches
 3. Hardwood 'fins'
 4. Replace blocks with Cullaloe sandstone setts to make good



PERSPECTIVE VIEW



BACK VIEW OF SCREEN

1:100 @ A3
N ▲

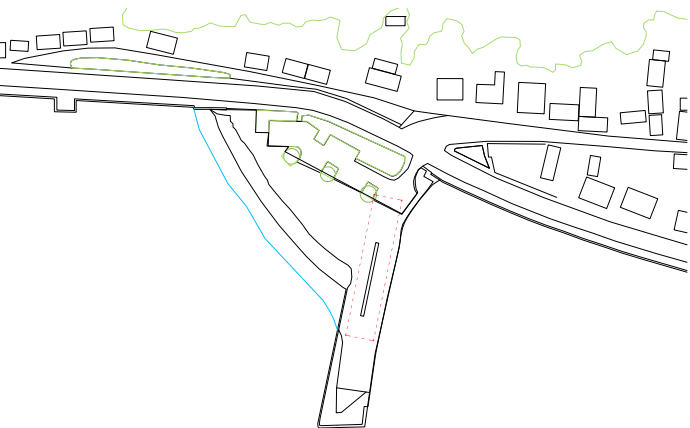
BEACON SITE 6 LIMEKILNS VILLAGE

The Beacon at Limekilns Village is about creating a context to an existing landscape feature - the stone wall - which is a well used and characterful element on the foreshore. Currently it is detached from the landscape infrastructure, with muddy tracks and eroded soil around the existing timber benches.

This proposal retains the wall and the benches, but creates a setting for these elements and connects it to the coastal path / carparking area. A strip of granite paving in two colours provides an interpretive route to the seating area and also a functional and low maintenance ground treatment around the benches.

The dark grey granite which can be supplied locally by Tradstocks / Hardscape is a good material for application of interpretive graphics - etching, waterjet cutting, steel / colour inlays etc. The contrasting lighter grey granite provides a striking contrast and accentuates the linear design. This could be replaced with a smaller sett, or a locally quarried sandstone for visual contrast.

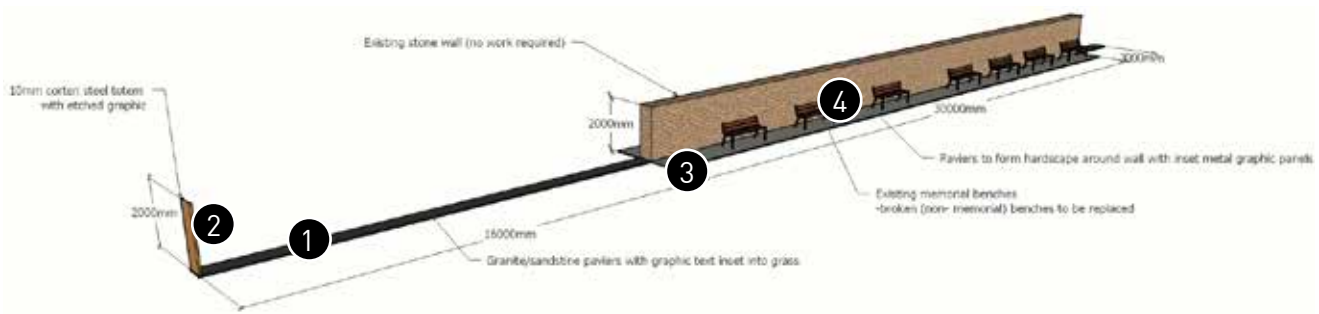
LOCATION PLAN
Grid reference: N56.034348, W3.485797
Site ownership: Elgin Estate



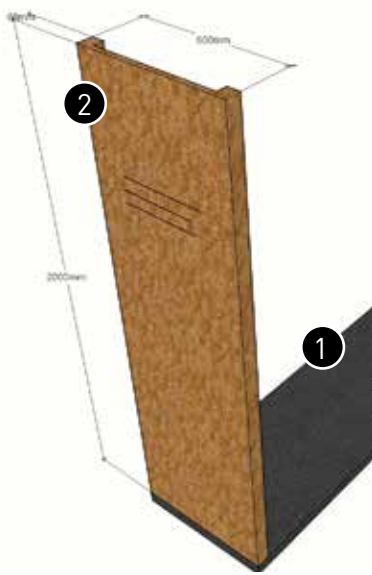
LEGEND

1. Dark grey granite, etched lettering
2. Vertical fin of etched corten
3. Light grey granite cubes
4. Allow 3x replacement timber benches

1:250 @ A3
N



ISO VIEW



CORTEN TOTEM



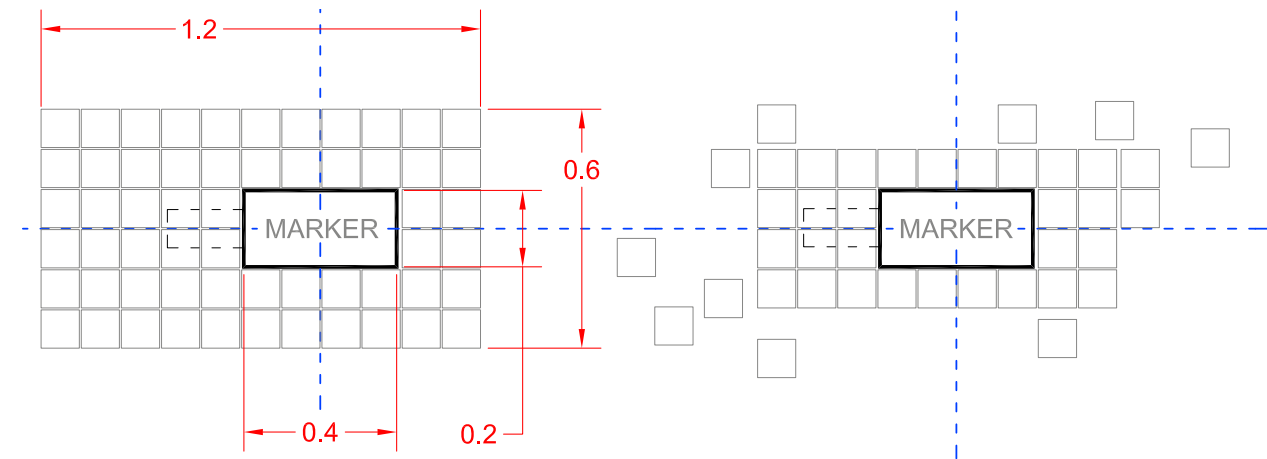
INTERPRETATION

- Geology / limestone outcrops
- Coal, stone, limekilns
- River infrastructure
- Former fishing port / ferry to Bo'ness
- Soap formerly produced at Coppernaum Pier
- Secondary stories
- Broomhall Estate / Earl of Elgin / land exploitation
- Planned (conservation) village
- Salt panning
- Birdlife

MARKERS DESIGN + LANDSCAPE TREATMENT

There are 13 Markers proposed for locations around the IFLI area. Sites for markers are selected to consolidate and enhance existing signage on publicly accessible footways and core path networks.

A Marker is made from cast steel, and incorporates local information, facts and stories, and identifies the IFLI project partner organisations. It includes a trigger for app based interpretive information, or link to further information on the IFLI project.



Space for circulation around information 'fin'

Paving around marker in a soft landscape setting, with

SAWN GRANITE CUBES / SETTS



Example shown: silver grey granite. Typically installed with 5mm sand joints.

Supplied locally by Tradstock. Installed as flexible construction, sand jointed over lean sand:cement mix / 150mm compacted hardcore.

