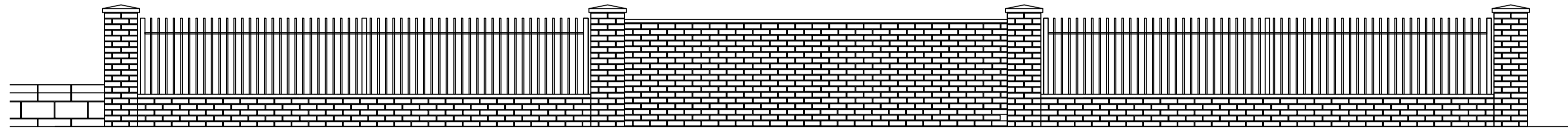


Proposed Front Elevation



Proposed Rear Elevation

Brickwork to new pier is to be tied to the existing low wall with Catnic Stronghold stainless steel sliding anchor system, plugged and screwed to existing wall. Provide wall ties to every second brick course. Joint between existing brickwork and new brickwork to be sealed with mastic sealant with backing rod.

Excavate 600mm wide trench for new wall and 1m sq. pads for new piers. Provide and lay 50mm thick blinding layer of GEN2 concrete to trench bottom.

Provide and lay 600 x 250mm foundation in RC35 grade concrete with a minimum cement content of 300kg/m3 and a maximum aggregate size of 20mm.

1 layer of A193 mesh in top and bottom, 40mm cover, 400mm end laps.

Assumed line of existing foundation - line and depth to be checked on site.

Allow for repointing the entire existing wall, both faces.



Indicative Photomontage of Community Mural Area

CONSTRUCTION NOTES

GENERAL

All works should comply with the latest Building Regulations, relevant British Standards, Codes of Practice, manufacturers instructions/recommendations, and normal/good building practice. All dimensions to be checked on site prior to work commencing and any discrepancies notified to the Architect. Do not scale from the drawings.

FOUNDATIONS

Concrete strip footings to be 600mm wide to sections of wall and 1000mm square to reinforced brick piers, min. depth 225mm with base of foundation min. 500mm below external ground level. Concrete to be RC35 grade concrete with a minimum cement content of 300kg/m3 and a maximum aggregate size of 20mm, to BS 5328 Pt. 2. 1nr layer of A193 mesh in top and bottom, 40mm cover, 400mm end laps. 50nr thick blinding layer of GEN2 concrete to trench bottom. Foundations to be taken down below the invert of any adjacent existing drain run.

SUBSTRUCTURE

All masonry below DPC level to engineering class B brickwork / concrete block work of

min, 7N/mm2 compressible strength, set in group 1 mortar. Facing brickwork to be taken min 3 courses below dpc level.

WALL CONSTRUCTION

225mm solid masonry wall to comprise:-
103mm thick Hansons 'Hampton Rural Blend' brickwork, one brick thick laid in Flemish bond in M12 mortar.
To full height, central section of wall - every third course above ground level incorporate Ancon AMR masonry reinforcement.
Reinforcement straps to be lapped and tied to pier reinforcement steel work.
Forticrete flat stone coping Ref: FC 315 (890x315x50mm) Mortar for coping not stronger than Designation III (1:1:5/6) as manufacturers recommendations
High bond DPC beneath coping stone (Ruberoid- Hyload Permabit DPC or similar) sandwiched in mortar joint
440mm composite/reinforced pier comprising:-
103mm thick Hansons 'Hampton Rural Blend' brickwork, outer skin in M12 mortar. BS8666 Shape Code 11 reinforcing bars - 16mm diameter.
Tied to both layers of A193 foundation reinforcement mesh and at 300mm centres vertically to create reinforcement cage.
Concrete infill to pier core to be RC35 grade concrete, 10mm aggregate size.

The concrete infill should not be placed until 3 days after building the brick skins. All efforts are to be made to keep the cavity free of mortar

N.B. COMPOSITE PIER TO BE CONSTRUCTED IN 900mm LIFTS MAXIMUM.

Forticrete Pier cap Ref: PC 3 (540x540x140mm - to suit 440x440mm pier) Mortar for coping not stronger than designation III (1:1:5/6) as manufacturers recommendations.

METAL RAILINGS

Jackson's Fencing - 'Barbican Imperial Residential Railings' with finial type 3. Panel size 1m high, 60mm RHS posts - centres 3m. Post cut short and fitted with base plates and side fittings suitable for termination/restraint against brick piers - TO BE ADVISED BY MANUFACTURER

RAISED BED

Existing soil/rubble to be dug out and replaced with min. 200mm depth pea gravel and 450mm depth screened topsoil to BS 3882:2015, in readiness for planting by others. (Planting outside of this contract)

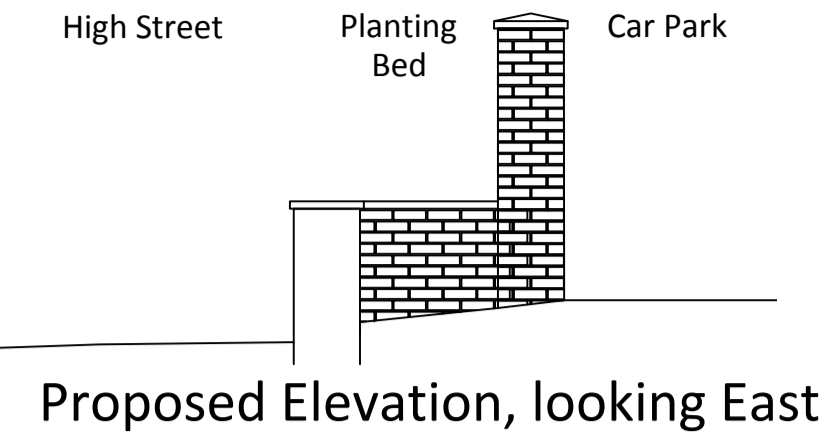
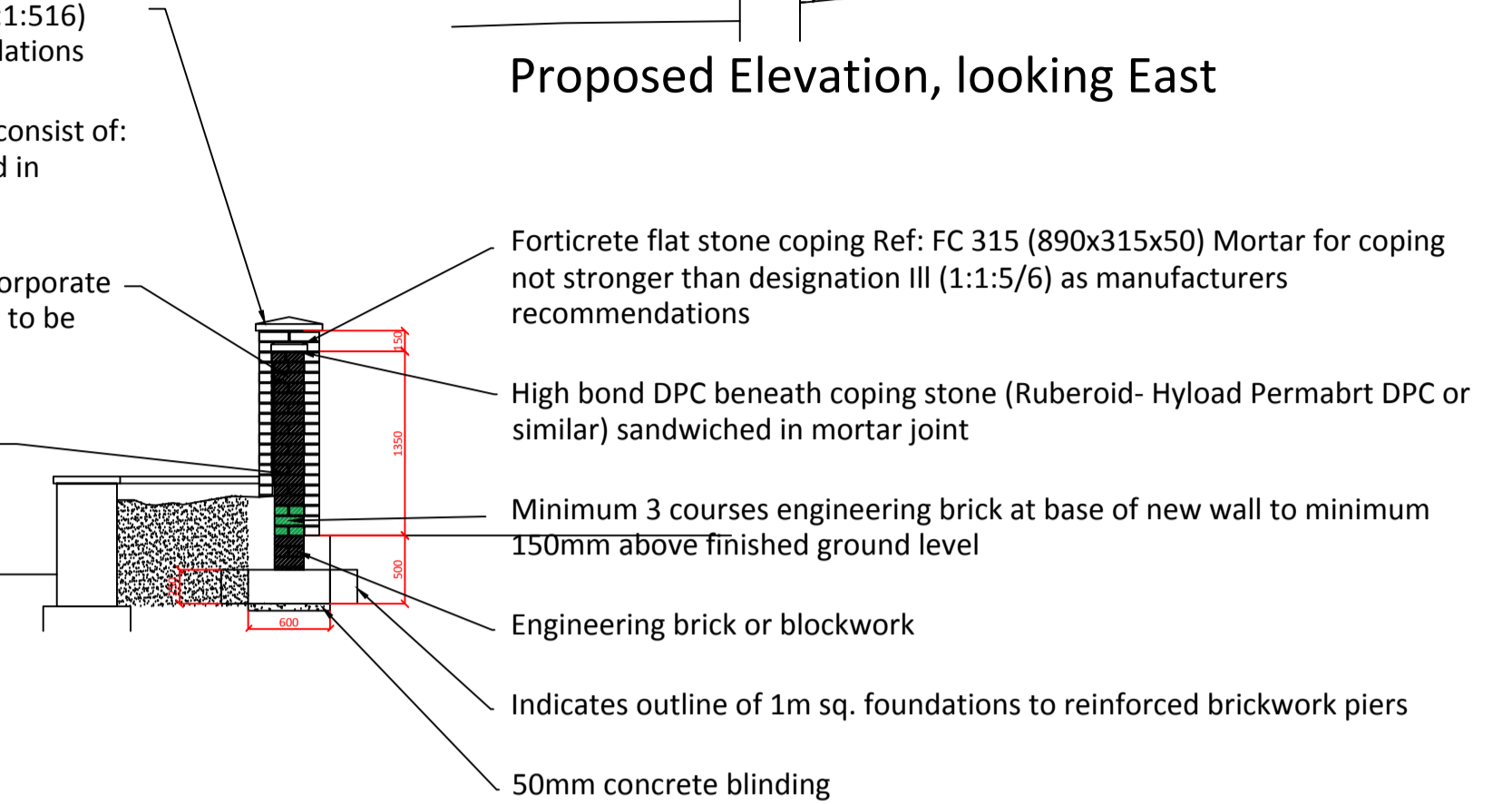
Forticrete Pier cap Ref: PC 3 (540x540x140mm - to suit 440x440mm pier) Mortar for coping not stronger than designation III (1:1:5/6) and laid in full accordance with manufacturers recommendations

Solid masonry wall between reinforced brickwork piers to consist of: Hansons 'Hampton Rural Blend' brickwork, 1 brick thick laid in Flemish bond in M12 mortar.

To full height, central section of wall - every 3rd course incorporate Ancon AMR masonry reinforcement. Reinforcement straps to be lapped and tied to pier reinforcement steel work

Minimum 2nr coats of liquid waterproof (bituminous paint) applied to planting bed side of new (and existing wall) to prevent water and sulphate migration through the wall.
Install new minimum 38mm diam upvc weep holes at max 2000mm centres

Indicative Section A-A'



Proposed Elevation, looking East

Forticrete flat stone coping Ref: FC 315 (890x315x50) Mortar for coping not stronger than designation III (1:1:5/6) as manufacturers recommendations

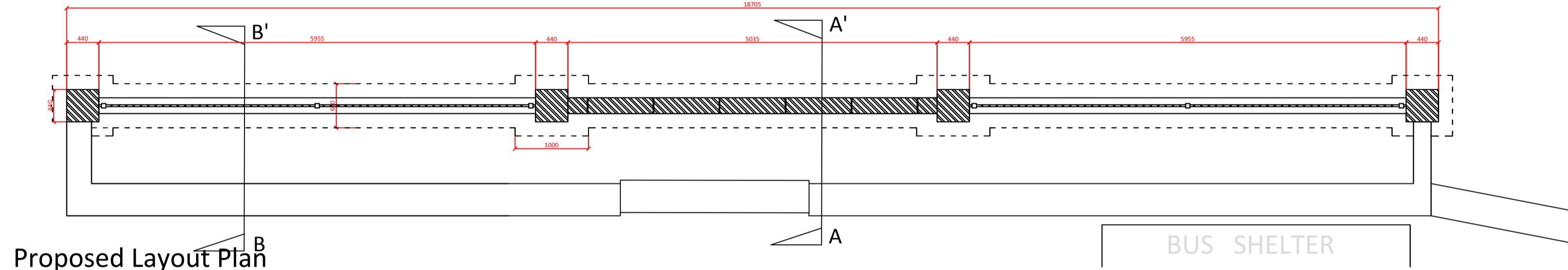
High bond DPC beneath coping stone (Ruberoid- Hyload Permabit DPC or similar) sandwiched in mortar joint

Minimum 3 courses engineering brick at base of new wall to minimum 150mm above finished ground level

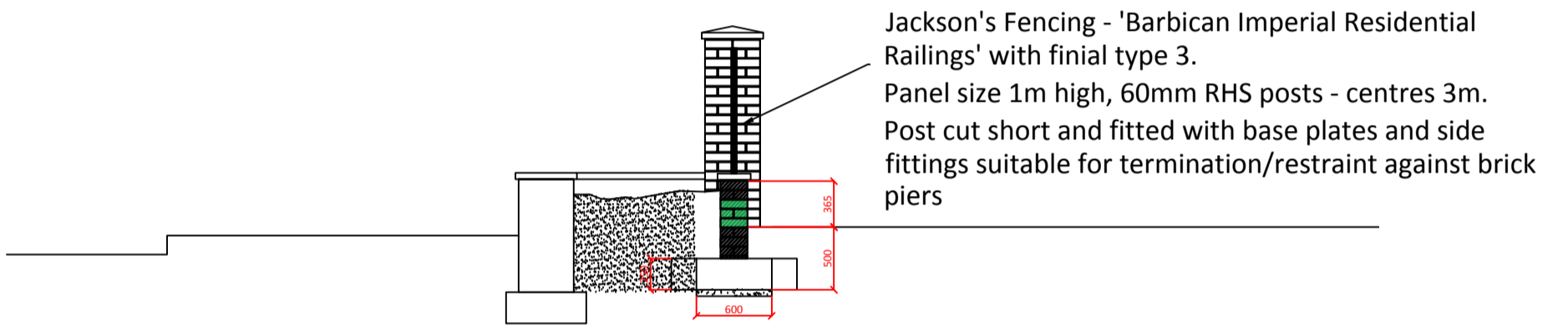
Engineering brick or blockwork

Indicates outline of 1m sq. foundations to reinforced brickwork piers

50mm concrete blinding

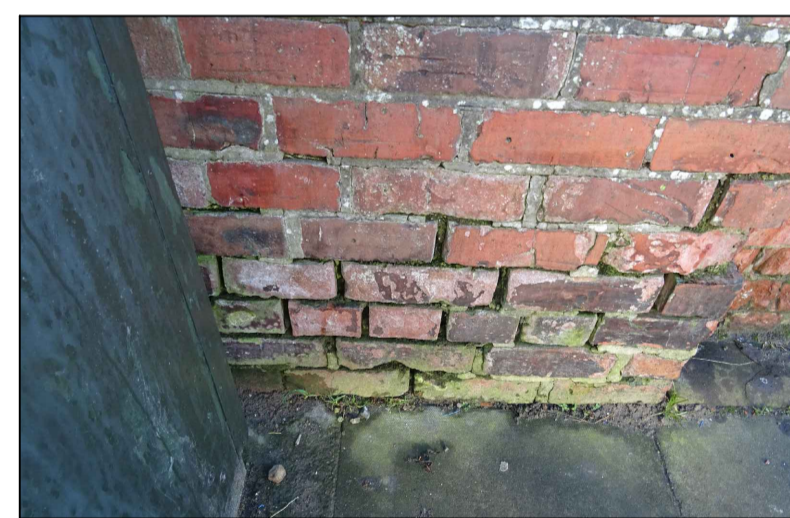


Proposed Layout Plan

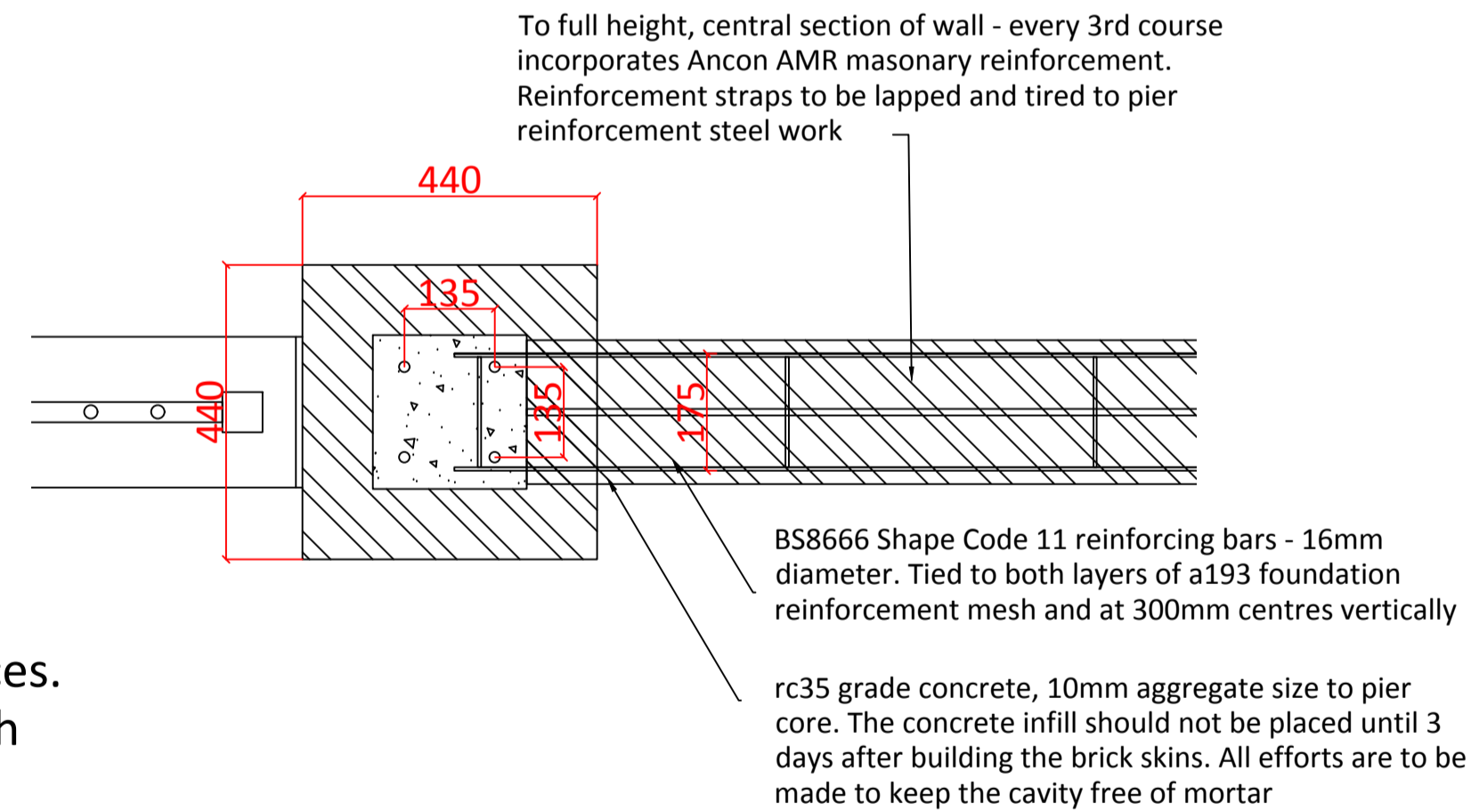


Indicative Section B-B'

Jackson's Fencing - 'Barbican Imperial Residential Railings' with finial type 3. Panel size 1m high, 60mm RHS posts - centres 3m. Post cut short and fitted with base plates and side fittings suitable for termination/restraint against brick piers



Existing boundary brick wall to car park area to be repointed, both faces. Damaged bricks to be replaced with matching and letter boxes to be retained.



Plan Section through pier @1:10

To full height, central section of wall - every 3rd course incorporates Ancon AMR masonry reinforcement. Reinforcement straps to be lapped and tied to pier reinforcement steel work

BS8666 Shape Code 11 reinforcing bars - 16mm diameter. Tied to both layers of a193 foundation reinforcement mesh and at 300mm centres vertically
rc35 grade concrete, 10mm aggregate size to pier core. The concrete infill should not be placed until 3 days after building the brick skins. All efforts are to be made to keep the cavity free of mortar

N.B. COMPOSITE PIER TO BE CONSTRUCTED IN MAXIMUM 900mm LIFTS.

Coping stone
Cement-based adhesive
Wedi board
Grout
Glass mosaic tile
Wedi washer
Masonry screw
Cement based adhesive

Mosaic fixing details provided by artists Helen Jane Gaunt and Derek Mosey
Mosaic to be provided by and installed by the artists
Scale 1:5

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
In addition to the hazards / risks normally associated with the types of work detailed on this drawing, note the following:
Construction
1. No abnormal risk
Maintenance / Cleaning
1. No abnormal risk
Decommissioning / Demolition
1. No abnormal risk

It is assumed that all works will be carried out by a competent contractor, working where appropriate, to an approved method statement. This is not an exhaustive list and reference should be made to the Health and Safety Plan.

| | | | | | |
|-------------|--|-------|----------|----------|----------|
| C | Repointing of both faces of existing wall confirmed, ✓ | CP | SG | 02/02/17 | |
| B | Mosaic to be provided by and installed by artists | ✓ | CP | SG | 27/01/17 |
| A | Repointing added | yes | KF | CP | 12/01/17 |
| --- | Photomontage adjusted. | --- | --- | CP | 12/01/17 |
| Rev. | | CDM. | By. | Chk. | Date. |
| Proj. | Skelton High Street | Loc. | TS12 2DY | | |
| Client. | Skelton Townscape Heritage | | | | |
| Dwg. | Proposed Community Mural Setting | | | | |
| Scale. | 1:50@A1 | Date. | 12/01/17 | | |
| Drawing No. | 953/800 | Rev. | C | | |