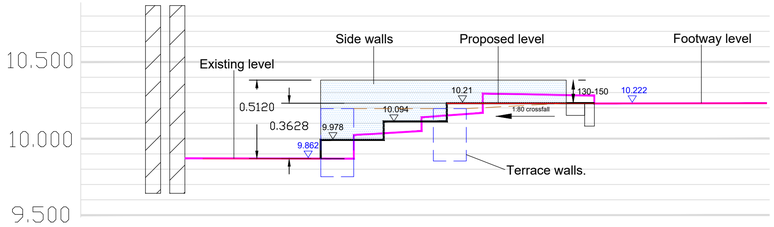
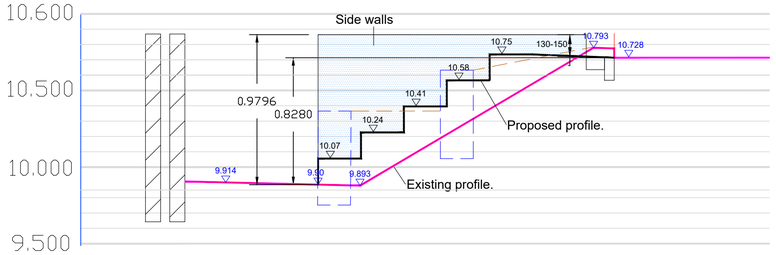
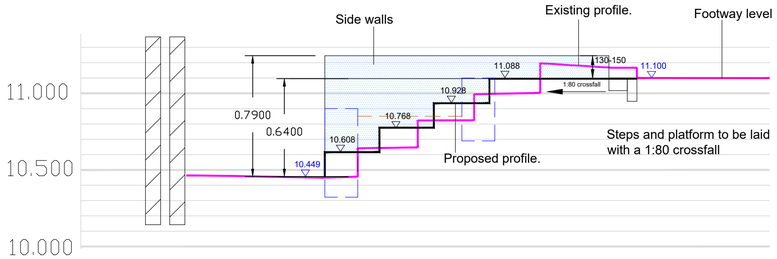


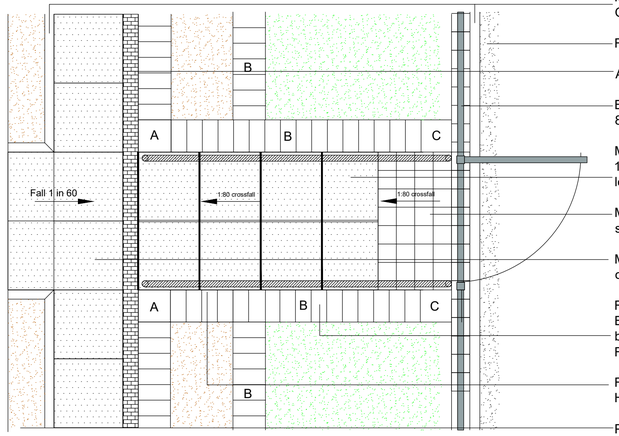
SECTION AA1 - STEPS 1: 120mm risers, 412mm treads approx



SECTION BB1 - STEPS 2: 170mm risers, 280mm treads approx



SECTION CC1 - STEPS 3: 160mm risers, 356mm treads approx



Marshalls Conservation Edging 63 x 150mm laid flush on 150 x 250mm ST4 concrete foundations. Q10/112

Footway reinstated Q22/110.

Acodrain Raindrain Domestic Channel with Intercept Heelguard Q10/115.

Bow top railings and single leaf gate 900mm high set within Marshalls Tegula Sett 120 x 120 x 80mm trim. Q40-240 /350 and Q10/110A.

Marshalls Conservation Textured Step Tread width varies x 450 length x 50mm and Step Riser 50 x 170 x 450mm, colour: Silver grey with visibility strips. Top step to be a min of 300mm tread to form a level area after the ramp. Q25/120A.

Marshalls Tegula Sett paving 120 x 120 x 80mm, colour traditional, laid at top of steps to form a short ramp/platform to take up fall of footway between the footway and the step. Q10/110A.

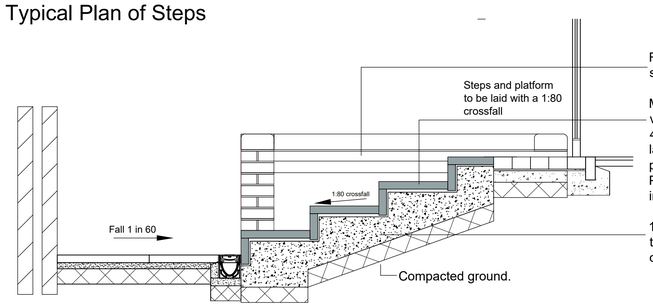
Marshalls Conservation Textured Paving, 600 x 600 and 450 x 450 and cut to suit x 50mm depth laid on 40mm sand bed, butt jointed and joints brushed with dry sand Q25/120.

Red engineering brick retaining wall to steps and terraces with blue engineering brick copings: (A) BN10.3 bullnose external return on edge (left and right hand) 215x215x102, (B) BN2.1 double bullnose 215x102x65mm, (C) BN15.3 stop end to double bullnose on edge 215x215x102mm. F10/385.

Freestanding galvanised steel handrail to both sides of steps. Align rake of handrail to suit steps. Handrail to comply with Part M Access to and Use of Buildings. Q41/240.

Pea gravel splash strip Q23/160.

Typical Plan of Steps

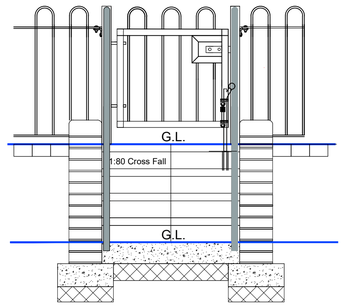


Red brick engineering retaining wall to steps shown in outline only, see other details.

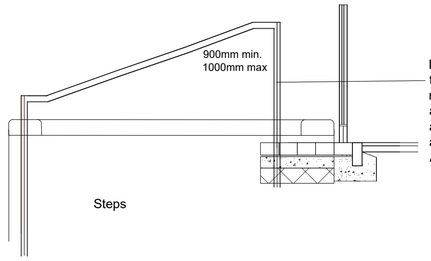
Marshalls Conservation Textured Step Tread width varies x 450 length x 50mm, and Step Riser 170 x 450 x 50mm, colour: silver grey with visibility strip laid on 10 to 20mm mortar bed. 10mm joints pointed up. Apply a 1-2mm thick layer of Slurry Primer over the surface of the concrete base immediately prior to laying the bedding material.

150mm min. depth of RC40 type concrete footings to steps to be cast insitu on 150mm depth of well compacted granular fill Type 1.

Typical Section through Steps

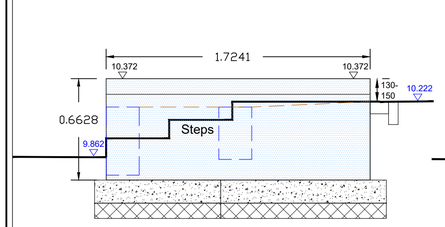


Typical Elevation of Steps

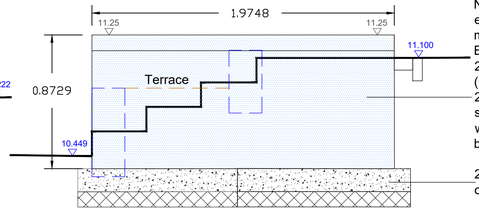


DDA compliant freestanding handrails, 42mm Ø CHS tube, 4mm wall thickness, galvanised steel handrail to suit profile of steps, to be 900mm min above finished floor level. Handrail to comply with Part M Access to and Use of Buildings. Contractor to provide fabrication drawings for approval. All welding bought to a smooth finish. Core drill into paving and steps and install in accordance with the manufacturer's instructions. All metalwork to be powder coated, colour white. Q41/240.

Typical Section through Handrail



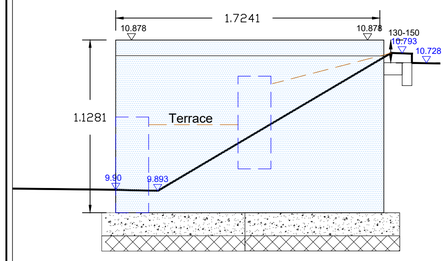
Steps 1: Section through Side Wall



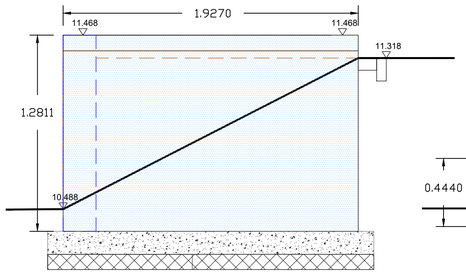
New 215mm wide retaining walls constructed of F2 red engineering bricks laid to stretcher bond jointed in M12 mortar, pointing flush. F2 blue engineering brick copings: (A) BN10.3 bullnose external return on edge (left and right hand) 215x215x102, (B) BN2.1 double bullnose 215x102x65mm, (C) BN15.3 stop end to double bullnose on edge 215x215x102mm. Copings laid on flexible high bond DPC sandwiched in mortar. 2 coats of proprietary liquid waterproofer or self-adhesive membrane applied to face of brickwork in contact with all retained material. See F10/385.

250 x 450mm RC40 concrete foundations on 150mm depth of well compacted granular fill Type 1.

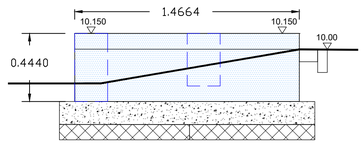
Steps 3: Section through Side Wall



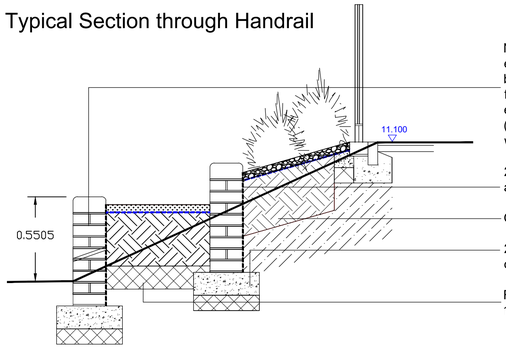
Steps 2: Section through Side Wall



Section through End Wall A



Section through End Wall B



New 215mm wide brick thick retaining wall constructed of F2 red engineering bricks laid to stretcher bond jointed in M12 mortar. Pointing bucket handle or weather-struck. F2 blue engineering bricks laid on flexible high bond DPC sandwiched in mortar. (A) BN10.3 bullnose external return on edge (left and right hand) (B) BN2.1 double bullnose, (C) BN15.3 stop end to double bullnose on edge Incorporate weepholes/ pipes at 900mm centres. See F10/385.

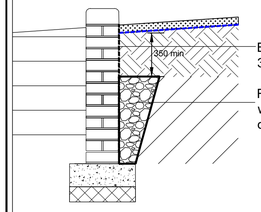
2 coats of proprietary liquid waterproofer or self-adhesive membrane applied to face of brickwork in contact with all retained material.

General purpose approved topsoil 350mm min. depth.

250 x 450mm RC40 concrete foundations on 150mm depth of well compacted granular fill Type 1.

Free draining granular backfill applied to base of gravel terrace, approx 150mm depth.

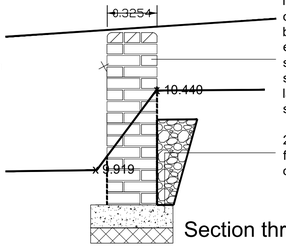
Typical Section through Terrace Walls



Back of wall to be painted with 3 coats of RIW.

Free draining granular fill wrapped in geotextile for drainage.

Cross Section through Side/End Walls

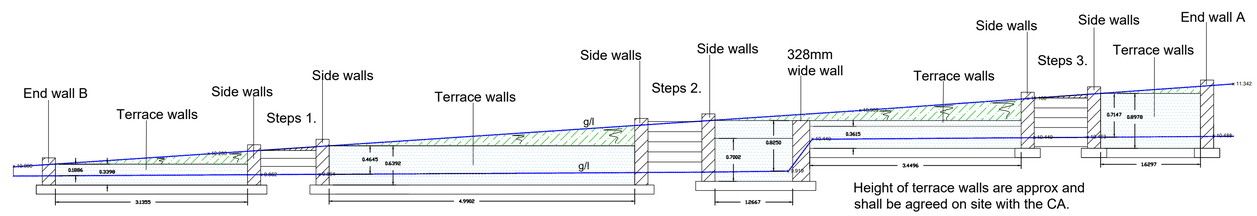


New 326mm wide retaining wall constructed of F2 red engineering bricks laid as above with F2 blue engineering brick copings: (D) BN6.1 single bullnose stretcher on flat and solid F2 blue brick laid flat. Copings laid on flexible high bond DPC sandwiched in mortar. See F10/385.

250 x 540mm RC40 concrete foundations on 150mm depth of well compacted granular fill Type 1.

Section through Retaining Wall

Front Wall Elevation - Scale 1:50



Height of terrace walls are approx and shall be agreed on site with the CA.

- Contractor to check all dimensions and report errors and omissions to the Engineer or Contract Administrator.
- The Contractor is responsible for all setting out.
- Do not scale from this drawing.
- This Map is reproduced from the Ordnance Survey material with the permission of Ordnance Survey on behalf of H.M.S Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Stoke-on-Trent City Council 10024286 2005
- This drawing is the copyright of the City of Stoke on Trent City Renewal (Technical Services) and may not be loaned, copied or reproduced. It is not to be used for any offer quote, tender or construction purposes without the written consent of the Director.

REVISION NOTES:

No.	DATE	NOTE

Phil Cresswell

LANDSCAPE TEAM

Civic Centre
Glebe Street
Stoke-on-Trent
ST4 1HH

Tel: 01782 234567
Fax: 01782 236997
DX 21058 Stoke -on-Trent
Minicom: 01782 232331

PROJECT NUMBER:
Ls13-54-HS

PROJECT TITLE:
107-111 HEATHCOTE STREET, LONGTON

DRAWING TITLE:
CONSTRUCTIONS DETAILS 01

DRAWING STATUS:

Draft		Contract	✓	As Built	

DRAWING FILE NAME:
Ls13-54-HS

DRAWN BY:	SCALE:
CH	1:20 @ A1
DATE: FEB 2021	CHECKED:

DRAWING NUMBER:	REVISION:
Ls13-54-HS-03	