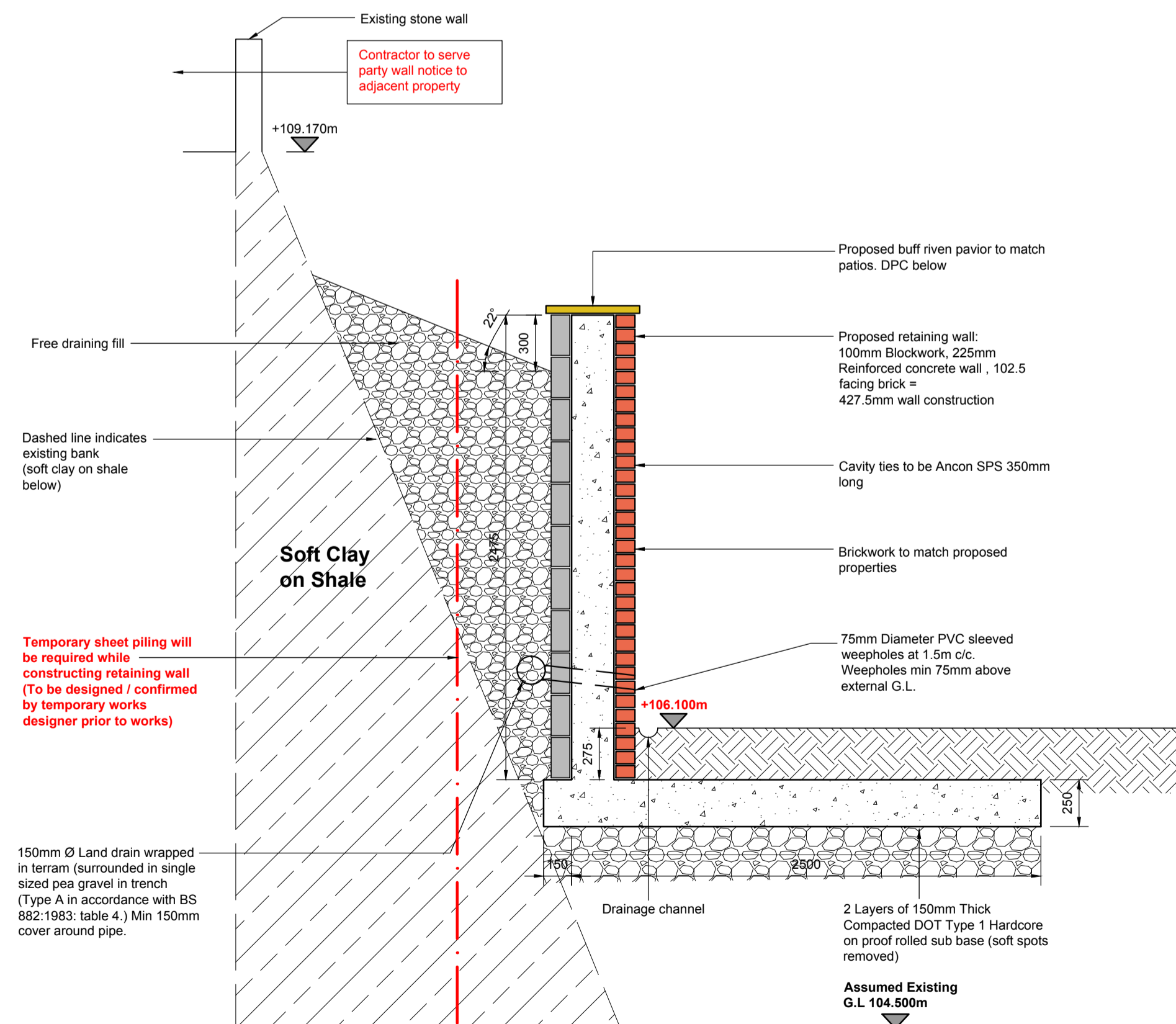


Section D-D
(Scale 1:25)

Section E-E
(Scale 1:25)

PLOT 6 FOUNDATION/SLAB TO BE CONSTRUCTED PRIOR TO CARRYING OUT RETAINING WALL WORKS



Section F-F
(Scale 1:25)

HEALTH AND SAFETY / CDM NOTES

- Contractor to issue method statement and risk assessments prior to construction
- Excavation to the embankment must be limited to 5 metres, hit and miss to reduce the risk of earth slippage.
- Temporary support such as trench sheets to be installed as required and as instructed by temporary works designer / engineer.
- No excavation to be carried out during heavy or prolonged rainfall.
- The principal risks to be addressed by the contractor in his method statement are: embankment failure/earth slippage and collapse of retaining wall during construction.

Refer to DMS483-405 for reinforcement details for R.C slab & wall

GENERAL NOTES

- This drawing to be read in conjunction with all relevant architect's, engineer's and mechanical and electrical engineer's drawings, specifications etc.
- All dimensions to be checked on site.
- Any discrepancies, contradictions to be notified to project architect / engineer.
- The following drawings are intended to be used for Planning approval only.
- All works to the approval of the Local Authority Building Control and Planning Officers
- All works to comply with the current Building regulations and subsequent amendments whether detailed in these drawings or not.
- All works to comply with the relevant codes of practice and British Standards and to be fitted in accordance with the manufactures instructions and recommendations.
- Contractor to check all dimensions, angles and levels on site prior to commencement of works.**
- Contractor to provide method statement for approval prior works**

SITE PREPARATION

- Ground to be prepared for new works by removing all unsuitable material, vegetable matter and tree or shrub roots to a suitable depth to prevent future growth. Seal up, cap off, disconnect and remove existing redundant services as necessary. Reasonable precautions must also be taken to avoid danger to health and safety caused by contaminants and ground gases e.g. landfill gases, radon, vapours etc on or in the ground covered, or to be covered by the building.

CAVITY WALL NOTES

- Wall ties to be stainless steel and conform to BS1243. Ties to be embedded to a minimum depth of 62.5mm, positioned at maximum 750mm c/c horizontally and 450mm c/c vertically. Ties to be evenly distributed over wall area in a staggered pattern.

Expansion joints to be formed at 6m centres to blockwork and 10m centres maximum to masonry comprising 10mm Aerofil (or equal approved) with acrylic non-hardening mastic sealant

FOUNDATION / GROUNDWORKS NOTES

- All foundations to be approved by the local building control officer.
- Foundations to be taken below the invert of any drains and tree roots in the vicinity of the proposed works. This includes drains with 450 strike point of foundations where loading can affect the stability of the sewer.
- All Foundations to be taken down to a suitable bearing strata
- Weepholes to be min 75mm above external ground level @ 1500mm centres and 450mm at reveals / openings.
- All blockwork / brickwork below ground level to be a minimum 7kN strength and have max water absorption of <7%
- Sub grade to be proof rolled and any soft spots encountered below slabs are to be removed and infilled with GEN3 mass concrete to BS EN 206-1/BS 8500.
- Reinforced structural concrete to be designated mix RC35 in accordance with BS EN 206-1/BS 8500.
- Blinding / mass concrete to be designated mix GEN3 to BS EN 206-1/BS 8500
- Mesh reinforcement to be in accordance with BS.4483. Minimum lap to be 400mm.
- All steel reinforcement to be in accordance with BS 4449:2005.
- all reinforcement to be scheduled, dimensioned, bent and cut in accordance with BS8666:2005.
- The minimum concrete cover to reinforcement :
bottom and sides of pad bases = 50mm
- Bars are to be displaced locally to avoid holes or obstructions less than 100mm in length or diameter.
- Such additional reinforcement as required to maintain the bar in position as detailed shall be provided by the contractor.
- Contractor to use approved spacer blocks.

Key

+107.380m = Indicates Existing Level

+106.400m = Indicates Proposed Level

ISSUED

Rev.	Date	Description	Status	Rev. by
C1	10.05.13	Construction Issue	Construction	MM
P2	08.05.13	Levels Modified	Planning	MM
P1	15.04.13	First Issue - For Approval	Approval	MM

Project	Milton Crescent Barnsley	 Muir Associates (UK) Limited Trinity Chambers, 18, Ivy Street, Birkenhead, Merseyside, CH41 3GF Tel: 0151 650 1200 Fax: 0151 650 1201
Title	Proposed Retaining Wall Sections D-D, E-E & F-F	

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Director	J.R.Gray	Proj. Eng.	J.R.Gray	Client	Niche Construction
Drawn by	M.Matthews	Checked by	J.R.Gray	Drawing Number	DMS483 - 402
Scale	1:50 @ A1	Date	April 2013	Rev.	C1