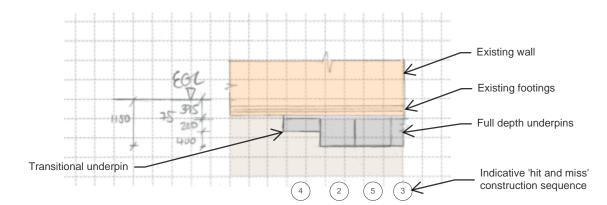


PLAN



ELEVATION OF TRANSITIONAL UNDERPIN

Notes: he contractor must verify all dimensions on site before commencing any work on shop drawings, do not scale from this drawing McBains Ltd copyright

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nce shown is indicative. Final 'hit and miss' sequence to b

- 1150mm approx

rammed

SCAM

GROWND

CONDON

Min75mm dry pack, well

· Mass concrete underpin

Base of underpin to be

minimum 150mm into

London Clay.

Excavation line

4. Dimensions are in millimetres unless noted otherwise.

UNDERPINNING NOTES

1. Refer to plan for extent of underpinning to existing structure, including transitional underpins.

1. Refer to plan for extent of underpinning to existing structure, including transitional underpins.

1.2 Underpin with that ad miss sequence with mass concrete to depth as shown, unless agreed otherwise with building control inspector.

1.4 Executes sections marked 1 lists to a width of at least 800mm (u.n.o) maintain 1.4 Executes sections marked 1 lists to a width of at least 800mm (u.n.o) maintain 1.4 Thoroughly clean back the underside of existing foundation.

1.4 Thoroughly clean back the underside of existing foundation on either side of the underpin section at mid height of adjacent sections.

1.8 Whap any drain pipes / services with 50 thick compressible boards (e.g. Polystyrene).

1.7 Shutter outside face leaving fetter box to receive fresh concrete and pour mass concrete with 1.7 Exmitter outside face leaving fetter box to receive fresh concrete and pour mass concrete the has hardened, ram dry pack mortar between new concrete and existing structure.

1.8 When concrete has hardened, ram dry pack mortar between new concrete and existing structure.

1.9 Allow 48 hours for dry pack to harden to sections marked 1 then repeat above process for sections marked 2, then 3, etc.

1.10 Backfill excavations locally and make good surface finishes.

1.10 Backfill excavations locally and make good surface finishes.

EARTHWORKS NOTES

1.1 The contractor shall take all measures necessary to establish whether contaminated material is present. In the event that contaminated soils are found, the contractor shall employ suitable working methods to ensure this material can be safely excavated and disposed of off-site. The 12-Any groundwater extracted shall be properly disposed of off-site. The 12-Any groundwater extracted shall be properly disposed of off-site. The 13-Any source where the state of the state of

CONCRETE NOTES

1.1 Concrete specification generally: to BS EN 206-1 and BS EN 1992-1:1:2005

1.2 Designated concrete for mass concrete foundations (where applicable):
Designated concrete: GEN3 (C16/20)

Reinforcement/embedded metal: None Aggregates: See BS8500-2 clause 4.3 (BSI derived document – Chapter 10). ize (maximum): 20mm Recycled coarse aggregates: permissible, subject to limitations of use in BS 500-2 and BS 14 26

reduction and accessed agregates: permissione, studied to limitations of use in 65 considerate class. Contractor's choice.

Exposure class: DS-2, AC-2)

Admixtures: Concrete producer's choice.

Other requirements: None

1.3 Construction method, joints and pouring sequence of the superstructure are selessed to the engineer for approval prior to the commencement of the work.

1.4 Concrete cubes: 1 set of 4 shall be taken at the following frequency:

1 set for each day of concreting

1 cube shall be crushed at 7 days and 1 at 28 days.

The remaining cubes shall be crushed only in the event of a test failure.

Results are to be submitted to the engineer.

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Rev		Description	Date	Issued By		
KV		СР	СР			
Drawn by		Reviewed by	Approved by			
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SINGLEGATE PRIMARY SCHOOL

Prawing Title
PROPOSED UNDERPINNING

STRUCTURAL

Drawing / Docum	Status							
MSMSG	- MCB -	XX -	XX	- SK	- S -	0002	S2 - P01	1
Project	Originator	FnBr	SpBr	Form	Discipline	Number	Status Revis	ion