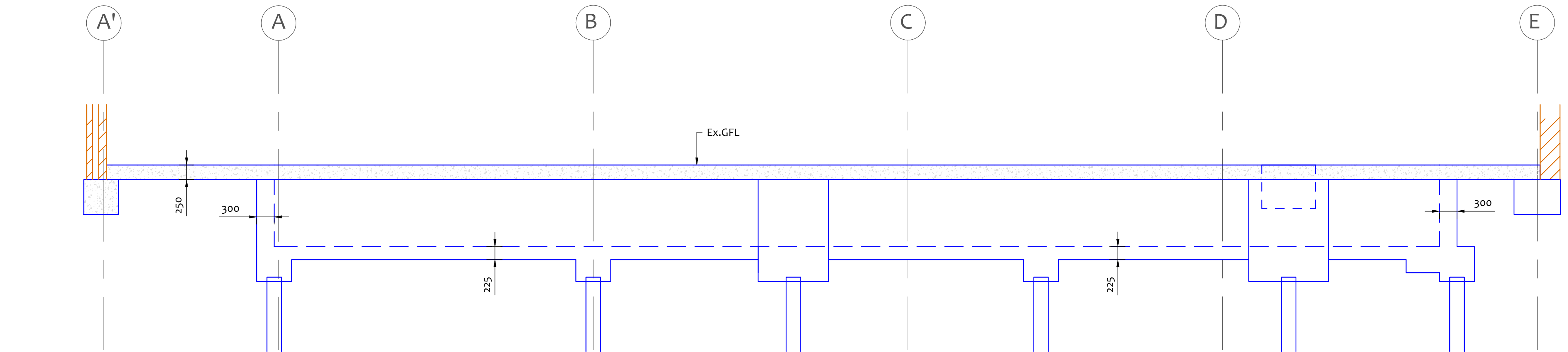
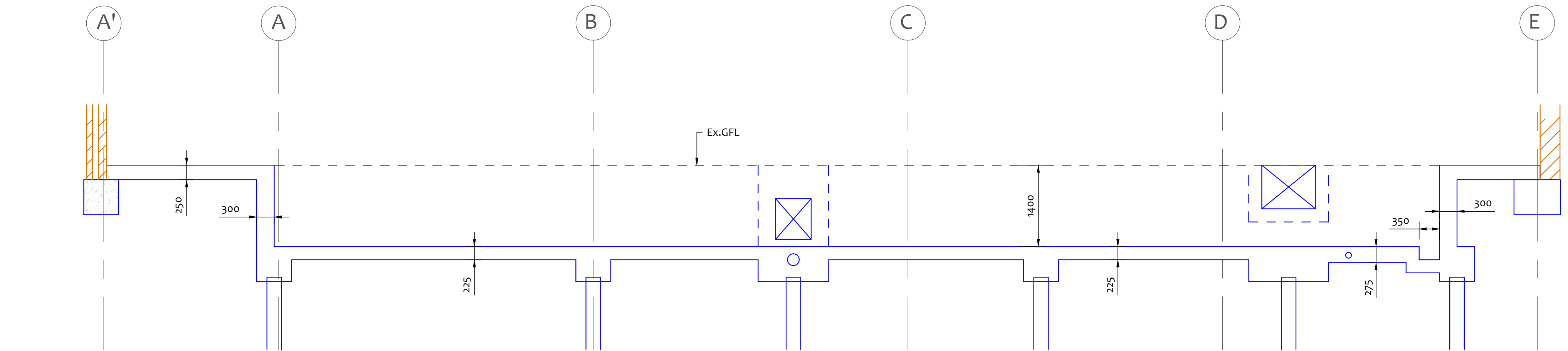


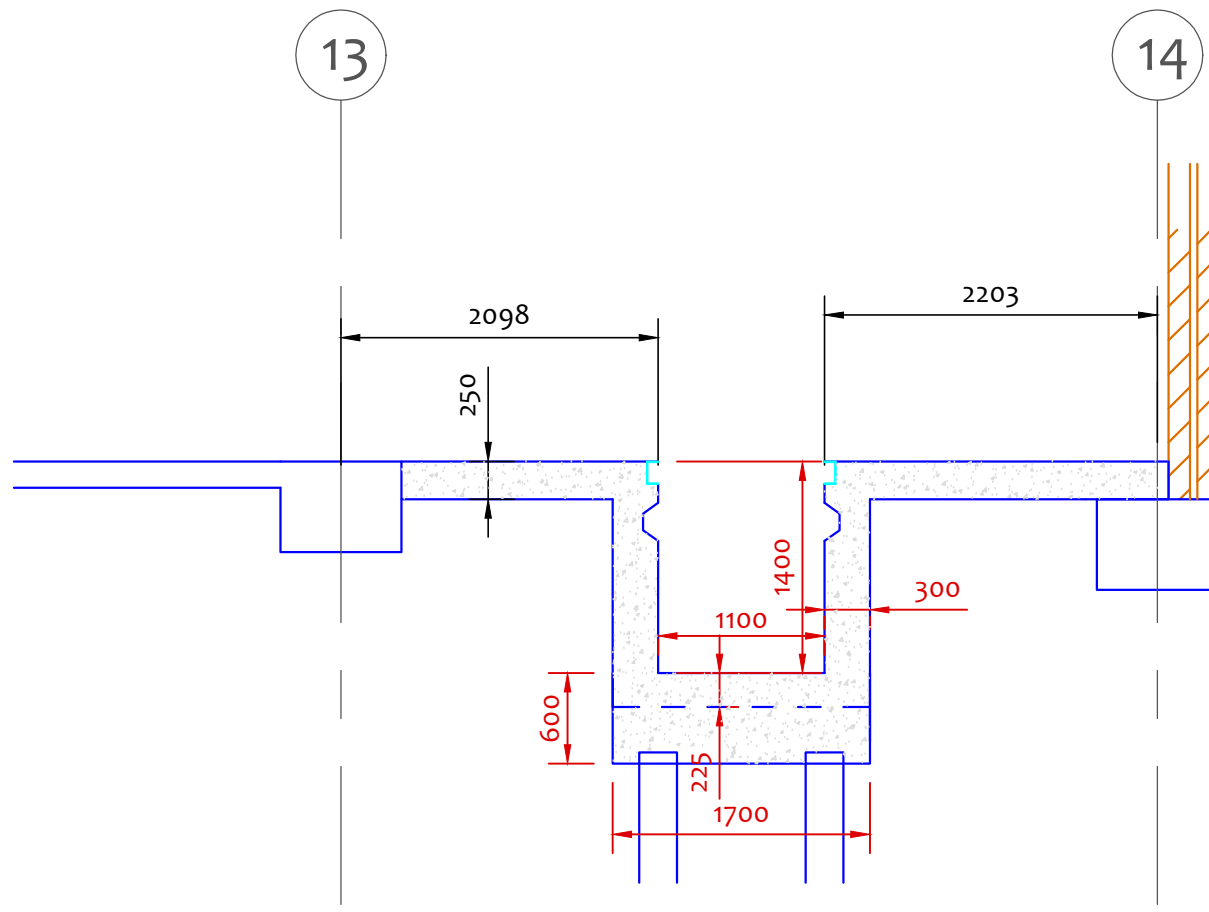
PART FOUNDATION PLAN (1:100)



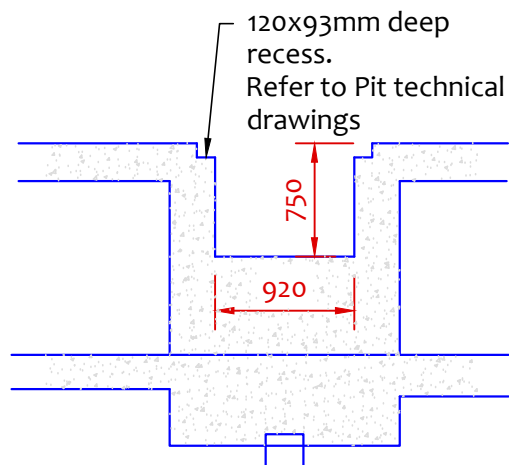
Elevation of Pit Wall From GL 14 (1:50)



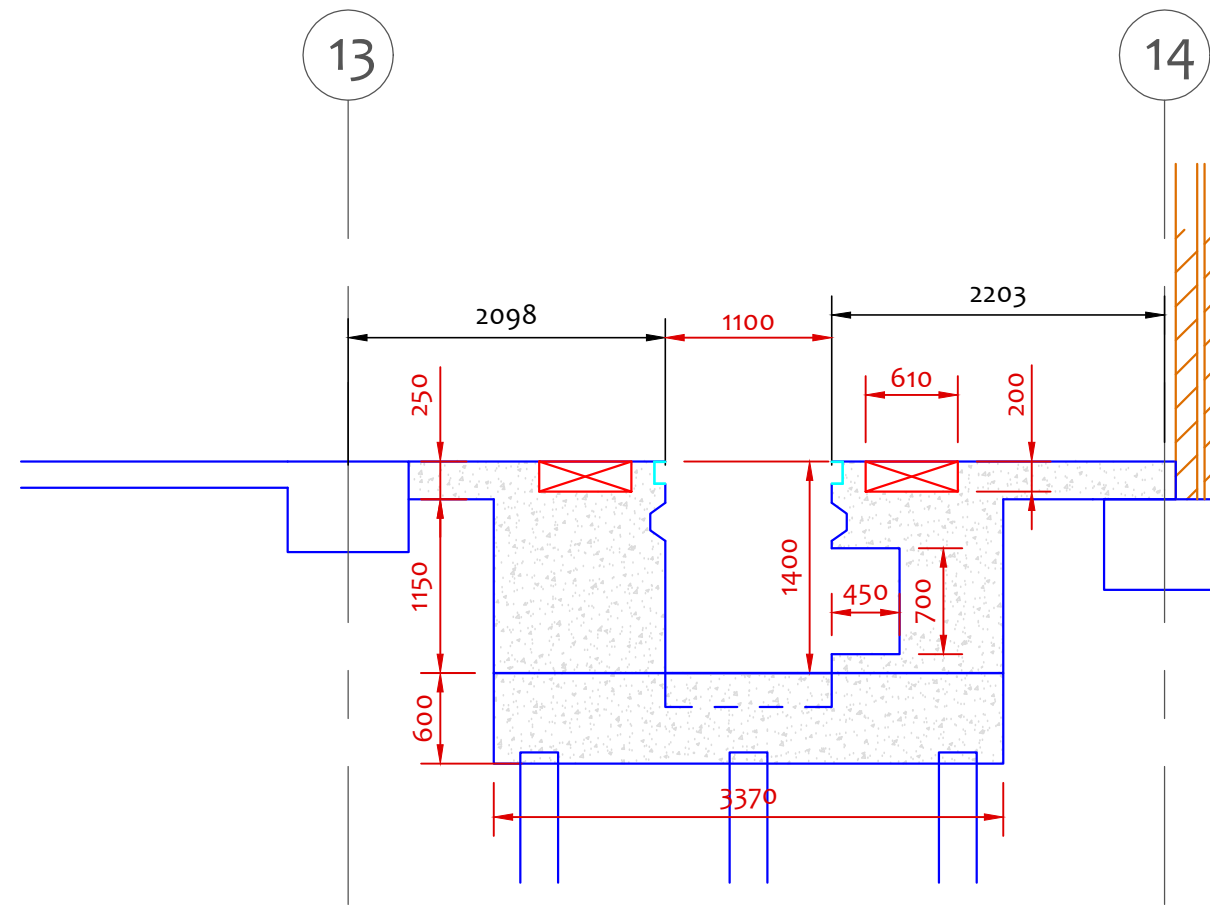
SECTION 2-2 (1:50)



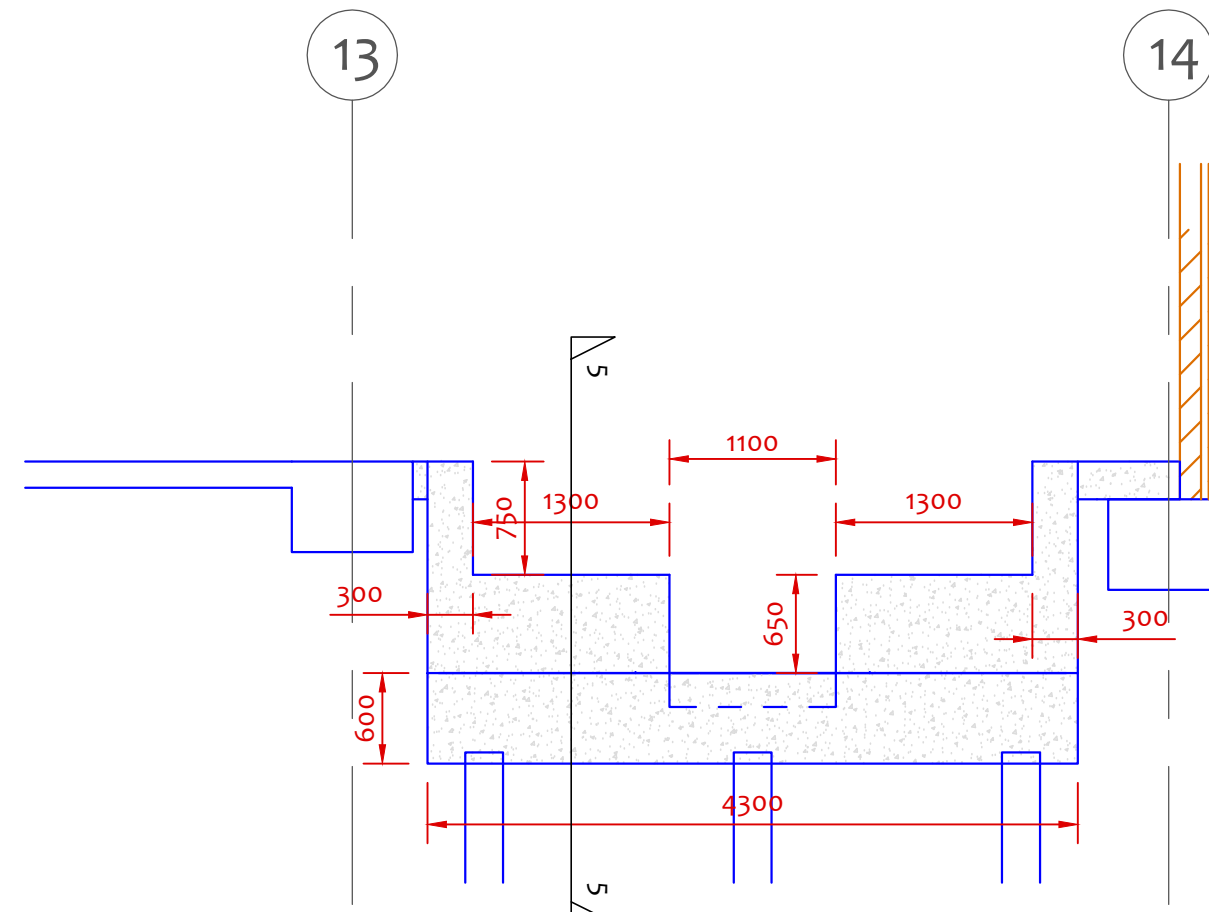
SECTION 1-1 (1:50)



SECTION 5-5 (1:50)



SECTION 3-3 (1:50)



SECTION 4-4 (1:50)

CONCRETE NOTES

Structural concrete to be designated concrete RC28/35 to BS 8500, Pt1 & 2: 2006.

Cement to be type CEM I (ordinary portland cement)

Minimum cement content 280 kg/m³
Maximum water/cement ratio = 0.6
Slump class s3 (80<s<180mm)
Strength Class C28/35

3no. cube samples to be taken per 25m³ of concrete delivered to site for compressive strength testing by an accredited and independent materials testing station.

"h" denotes high yield reinforcement to BS 8666:2005
fyk = 500N/mm² Class B
Mesh reinforcement to BS 4483

Minimum lap length of bars to be 40 x diameter

Nominal cover to reinforcement =
Pilecaps= 50mm, Pit Walls & Base = 35mm, Slab = 35mm

50mm GEN2 blinding to be placed beneath all foundations & ground floor slab pours.

Engineer to inspect reinforcement prior to pouring of any concrete. contractor to inform engineer when reinforcement is ready for inspection.

This drawing should be read in conjunction with all relevant Architects drawings.

NOTE:
KRYTON KIM (Krystol Internal Membrane)
waterproof concrete or equivalent
admixure added to concrete mix to
manufacturers instructions.

Client: Omagh District Council

Project: Alteration & Extension to Gortrush Road Depot, Omagh

Drawing: Vehicle Pit Plan & Details

Wallace Doherty
CONSULTING ENGINEERS

6f Carrakeel Industrial Park, Maydown, Derry BT47 6SZ
Tel: 02871 863331 www.wd-engineers.com

Drawn: GW Checked: Date: Feb 15 Number: 14/1604-03