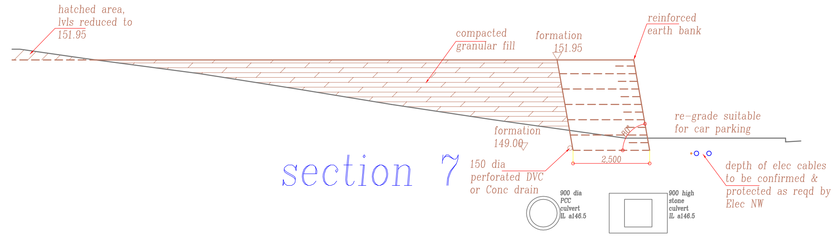
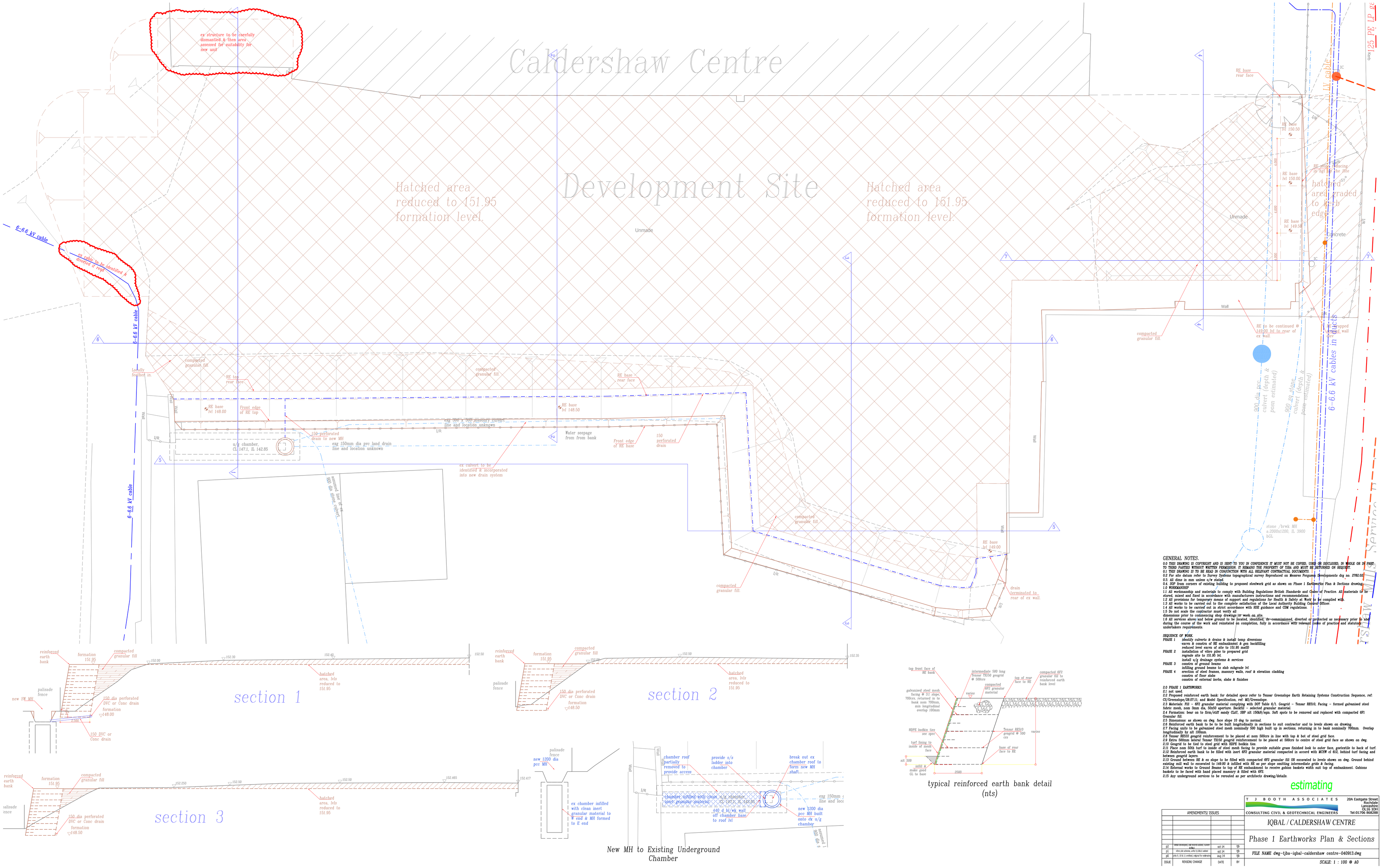


section 6



section 7



section 1

section 2

section 3

New MH to Existing Underground Chamber

typical reinforced earth bank detail (nts)

GENERAL NOTES.

0.0 THIS DRAWING IS COPYRIGHT AND IS SENT TO YOU IN CONFIDENCE IT MUST NOT BE COPIED, USED OR DISCLOSED, IN WHOLE OR IN PART, TO THIRD PARTIES WITHOUT WRITTEN PERMISSION. IT REMAINS THE PROPERTY OF TJBA AND MUST BE RETURNED ON REQUEST.
0.1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTUAL DOCUMENTS.
0.2 For site datum refer to Survey Systems topographical survey Reproduced as Menarva Ferguson Developments drg no. 2782.02
0.3. All dims in mm unless o/w stated.
0.4. SOP from corners of existing building to proposed steelwork grid as shown on Phase 1 Earthworks Plan & Sections drawing.

1.0 WORKMANSHIP
1.1 All workmanship and materials to comply with Building Regulations British Standards and Codes of Practice. All materials to be stored, mixed and fixed in accordance with manufacturers instructions and recommendations.
1.2 All provisions for temporary means of support and regulations for Health & Safety at Work to be complied with.
1.3 All works to be carried out to the complete satisfaction of the Local Authority Building Control Officer.
1.4 All works to be carried out in strict accordance with HSE guidance and CDM regulations.
1.5 Do not scale the contractor must verify all dimensions prior to commencing shop drawings or work on site.
1.6 All services above/and below ground to be located, identified, de-commissioned, diverted or protected as necessary prior to and during the course of the work and reinstated on completion, fully in accordance with relevant codes of practice and statutory undertakers requirements

SEQUENCE OF WORK.
PHASE 1 identify culverts & drains & install temp diversions
excvn & constrn of RE embankment & grd backfilling
reduced level excvn of site to 151.95 maOD
installation of vibro pile to prepared grid
regrade site to 151.95 lvl.
install u/g drainage systems & services
PHASE 3 constrn of ground beams
infilling ground beams to slab subgrade lvl
PHASE 4 erection of steel frames, masonry walls, roof & elevation cladding
constrn of floor slabs
constrn of external kerbs, slabs & finishes

2.0 PHASE 1 EARTHWORKS.
2.1 not used.
2.2 Proposed reinforced earth bank: for detailed specs refer to Tensar Greenslope Earth Retaining Systems Construction Sequence, ref: CS/Greenslope/ER.07.11; and Model Specification, ref: MS/Greenslope.
2.3 Materials: Fill - 6F2 granular material complying with DOT Table 6/1. Geogrid - Tensar RE510. Facing - formed galvanised steel fabric mesh, nom 3mm dia, 50x50 aperture. Backfill - selected granular material.
2.4 Formation: bear on to firm/stiff sandy CLAY, SBP nlt 150kN/sqm. Soft spots to be removed and replaced with compacted 6F1 Granular fill.
2.5 Dimensions: as shown on dwg, face slope 1:0 deg to normal.
2.6 Reinforced earth bank to be to be built longitudinally in sections to suit contractor and to levels shown on drawing.
2.7 Facing units to be galvanised steel mesh nominally 500 high built up in sections, returning in to bank nominally 700mm. Overlap longitudinally by nlt 100mm.
2.8 Tensar RE510 geogrid reinforcement to be placed at nom 500crs in line with top & bot of steel grid face.
2.9 Extra 500mm lateral Tensar TX150 geogrid reinforcement to be placed at 500crs to centre of steel grid face as shown on dwg.
2.10 Geogrid to be tied to steel grid with HDPE bodkin ties
2.11 Place nom 50th turf to inside of steel mesh facing to provide suitable grass finished look to outer face, geotextile to back of turf.
2.12 Reinforced earth bank to be filled with inert 6F2 granular material compacted in accord with MCHW cl 612, behind turf facing and between geogrid layers.
2.13 Ground between RE & ex slope to be filled with compacted 6F2 granular fill OR excavated to levels shown on dwg. Ground behind existing mill wall to excavated to 149.00 & infilled with RE as per slope omitting intermediate grids & facing.
2.14 External works to Ground Beams to top of RE embankment to receive gabion baskets width nsit top of embankment. Gabions baskets to be faced with hand placed masonry & filled with 6F2.
2.15 Any underground services to be rerouted as per architects drawing/details.

estimating

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AMENDMENTS/ ISSUES			
p2	Initial dimensions, site boundary, building outlines, footprint & levels	oct 14	TJB
p3	others plus setbacks, profile & 2.00/3.0 added	oct 14	TJB
p6	profile 5, 10 & 11 amended, original for underwriting	aug 14	TJB
ISSUE	REASON/ CHANGE	DATE	BY

IQBAL / CALDERSHAW CENTRE

Phase 1 Earthworks Plan & Sections

FILE NAME dwg-tjba-iqbal-caldershaw centre-040913.dwg

SCALE: 1 : 100 @ A0