



Providing Ground Solutions

Cranbrook Basement Design and Construction
Limited

**63 Rosslyn Hill,
Hampstead, London,
NW3 5UQ**
Basement Impact Assessment

Revision 3

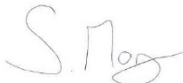
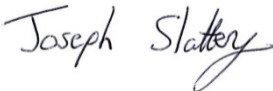
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NON-TECHNICAL SUMMARY

Card Geotechnics Limited (CGL) have been instructed by Cranbrook Basement Design and Construction Limited (the Client) to undertake a Basement Impact Assessment (BIA) its proposed basement development at 63 Rosslyn Hill, Hampstead, Borough of Camden, London NW3 5UQ. This assessment has been instructed to assess the potential impact on surrounding properties, infrastructure and hydrological features. The structure of this report follows the published London Borough of Camden's basement guidance document "*CPG4, Basements and Lightwells*¹".

The site is roughly rectangular in shape covering an approximate area of 515m² and is currently occupied by an existing residential property No. 63 Rosslyn Hill and associated private parking and rear garden.

Records available on the British Geological Survey (BGS) website² indicate that the site is underlain by the solid geology of the Claygate Member of the London Clay Formation. Impacts from surface water flow and flooding are considered to be negligible to low based on the current development scheme. The long-term impact of the basement on the local hydrogeological regime is expected to be negligible.

Based on a numerical assessment, ground movements are anticipated to be of low magnitude in the locale of the adjacent structures and can be mitigated during the structural and temporary works design phase.

Assuming high quality workmanship, temporary works and appropriate contingencies for groundwater control, it is considered that the calculated ground movement would limit building damage to 'Category 1' (very slight).

Ground movements associated with the basement construction that may affect the TFL Northern Line are considered to be negligible.

In order to control and manage risk during construction, it is recommended that a monitoring strategy is implemented on site by the contractor.

¹ Camden Planning Guidance. (March 2018). *Basements and Lightwells*. CPG4.

² <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>. (Accessed 01/12/2017)

1. INTRODUCTION

Card Geotechnics Limited (CGL) have been instructed by Cranbrook Basement Design and Construction Limited (the Client) to undertake a Basement Impact Assessment (BIA) for its proposed basement development at 63 Rosslyn Hill, Hampstead, Borough of Camden, London NW3 5UQ, to assess the potential impact on surrounding properties, infrastructure and hydrological features.

The structure of this report will follow the published London Borough of Camden's basement guidance document "*CPG4, Basements and Lightwells*³". CPG4 requires that a BIA is undertaken for the construction of new basements in the borough and sets out the following 5 stages:

1. Screening;
2. Scoping;
3. Site investigation;
4. Impact assessment;
5. Review and decision making.

This report is intended to address the screening and impact assessment processes that is set out in CPG4 and the Camden geological, hydrogeological, and hydrological study (CGHHS)⁴. The site investigation stage has been scoped by others⁵, however reference is made to the findings of this investigation within this report. It identifies key issues relating to land stability, hydrogeology and hydrology as part of the screening process (Stage 1) and also identifies potential impacts of the proposed scheme as part of the scoping process (Stage 2 and Stage 3). Therefore, as such, the scoping process comprises a summary of the findings of this 3rd party site-specific site investigation and from this provides the derivation of both an appropriate ground model and suitable design parameters for the site to allow the ground movement and damage assessment calculations to be undertaken (Stage 4).

³ Camden Planning Guidance. (March 2018). *Basements and Lightwells*. CPG4.

⁴ Ove Arup and Partners Limited. (2010). *London Borough of Camden. Camden geological, hydrogeological and hydrological study. Guidance for subterranean development*. Issue 01, November 2010.

⁵ Fastrack. (2019). *63 Rosslyn Hill, Camden, London NW3 5UQ - Geotechnical Survey Report*. Report Ref: 20318.

2. SITE CONTEXT

2.1 Site Location

The site is located to the south of Rosslyn Hill, Hampstead, Borough of Camden, London NW3 1ND. The National Grid Reference for the approximate centre of the site is 526710 185565. A site location plan is presented as Figure 1.

2.2 Site Description

The site is roughly rectangular in shape and covers an approximate area of 515m² being currently occupied by the residential property of No. 63 Rosslyn Hill and its associated infrastructure, including paved driveway to the north-east, private garden to the south-west and path to the north-west. The residential property currently comprises a four-storey structure; three of which are located above ground level, with a single-storey basement located beneath the centre of the property.

With reference to ordnance survey maps, the site is located at an approximate elevation of 97m Ordnance Datum (OD). The site slopes away towards the north/north east from the rear garden down to Rosslyn Hill road. A small retaining structure is present within the rear garden of the property, adjacent to the rear of the existing structure and retaining a portion of the rear garden. The structure itself and the front parking areas (to the north of the structure) are generally flat lying. In the wider area, the topography generally slopes gently down towards the east/northeast. Topographic maps are not available, but it is indicated that the overall slope may be greater than 1 in 8.

The site shares a party wall with No. 61 Rosslyn Hill to the south-east. It is understood that the property already benefits from a single storey basement located beneath the footprint of the property. At this stage, the extent of the basement is not fully known, however reference to Camden planning portal application reference 2007/0952/P, shows that the basement in No. 61 is situated beneath the entire property. The depth of the basement is shown as approximately 4m below ground floor level. There are no listed properties within the vicinity of the proposed development.

The site is bound to the north-east by Rosslyn Hill road within which lies the infrastructure associated with the London Underground Northern Line, details of its depth and exact location are not known at this stage. To the south-west by Vane Close, and to the north-west by a longitudinal wall, approximately 1m from the property, with Mulberry Close beyond. The closest property situated within Mulberry Close is approximately 3.6m from the northern boundary wall of the existing structure.

A site layout plan is presented as Figure 2.

2.3 Proposed Development

It is understood from the available proposed development plans that the scheme will involve the extension and deepening of the existing basement level to encompass the entire footprint of the property, with additional lighting wells installed to the front and rear of the property. Drawings are presented in Appendix A.

Accurate ground levels have not been provided. At this stage, the existing lower ground floor level has been given as an arbitrary level of 0.0m, herein referred to as Site Datum (SD). The existing basement is recorded as being at a level of -2.75m SD, which has been taken from the scaled plans included in Appendix A. The base of the proposed excavation is to be -4.0m SD with a finished floor level at -3.3m SD (incorporating 350mm floor slab, plus 350mm finishes zone including membrane, waterproofing and screeding).

The base of excavation for both the existing basement (in the adjacent No. 61) and the proposed basement (beneath the site in No. 63) is 4m.

The proposed layouts indicate that the new basement perimeter walls will be formed by using a hit and miss underpinning sequencing of existing walls. In line with best practice, the underpinning works will be undertaken in short sections not exceeding 1.2m in length.

Internal temporary shoring may be required to support the structure whilst new openings are formed/existing openings are extended. The detailed construction methodology and design of all temporary works required will be by the contractor. The basement walls and underpins will be propped in the permanent condition by the basement and ground floor slab.

2.4 Published and Unpublished Geology

Based on the records available on the British Geological Survey (BGS) website⁶, recent superficial deposits are not denoted at the site. The site is underlain the solid geology of the Claygate Member of the London Clay Formation, described by the BGS as generally comprising *dark grey clays with sand laminae, passing up into thin alternations of clays, silts and fine-grained sand, with beds of bioturbated silt. Ferruginous concretions and septarian nodules occur in places.* It is noted that some 80m to the west of the site, the London Clay Formation is recorded as the underlying geology, described by the BGS to *mainly comprise bioturbated or poorly laminated, blue-grey or grey-brown, slightly calcareous, silty to very silty clay, clayey silt and sometimes silt, with some layers of sandy clay.*

⁶ <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>. (Accessed 28/01/2020)

2.5 Historical BGS Boreholes

A single BGS historical borehole, drilled within 80m to the north-west of the site, is available and the recorded ground conditions are summarised in Table 1 below.

Table 1. Summary of BGS Borehole Logs

BGS Borehole Identification	Location/ Distance from Site	Depth (m bgl)					Groundwater Strike Depth (m bgl)
		Made Ground	London Clay Formation ²	Woolwich and Reading Beds	Thanet Sands	Chalk	
TQ28NE304	80m north-west	0.0 to 2.1	2.1 to 108	108 to 124	124 to 133	133 to 183	Not provided

Notes:

1. Depths converted from borehole record to metres from feet.
2. London Clay Formation may not have been differentiated from Claygate Member

2.6 Hydrogeology and Hydrology

The Claygate Member is classified as a *Secondary A aquifer* and the London Clay Formation as an *Unproductive Stratum*.

With reference to the Environment Agency website⁷, the site is not indicated to be situated within a Groundwater Source Protection Zone. The nearest surface water feature is the *Hampstead No 1 Pond* in Hampstead Heath, which is located some 550m to the north-east of the site. The Regent's Canal is located some 2.3km to the south-east of the site. With reference to Barton's *Lost Rivers of London*⁸, a single subterranean river system, labelled as the Tyburn is located within 500m of the site, some 400m to the south-west. The Environment Agency⁹ flood maps indicate that the site is not at risk of flooding by river or sea.

With reference to the London Borough of Camden Strategic Flood Risk Assessment¹⁰, the site is situated within a Critical Drainage Zone. The site is not situated within a local flood risk zone.

2.7 Site History

With reference to available historical online mapping, historical maps dating from 1893 indicate that the site was undeveloped land. By 1912, the current structure on-site had been constructed in its current form, comprising a semi-detached property.

⁷ <https://magic.defra.gov.uk/> (accessed 28/01/2020).

⁸ Barton N. (1962). *The Lost Rivers of London*. Historical Publications Limited.

⁹ www.flood-warning-information.service.gov.uk/long-term-flood-risk : Date Accessed (28/01/2020)

¹⁰ London Borough of Camden (2014) *London Borough of Camden Strategic Flood Risk Assessment*.

2.8 Buried Infrastructure

Details on buried infrastructure have not been provided as part of this BIA. However, reference to online imagery and maps indicate that an electricity substation is present on the north-eastern boundary of the property, adjacent to Rosslyn Hill road.

Transport for London (TFL) tube maps also indicate that the TFL Northern Line may run beneath the A502 Rosslyn Hill road at depth, situated approximately 17m to the east of the existing structure. No further details have been provided.

2.9 UXO

Reference to historical bombing database available at bombsight.org¹¹ indicates that numerous bomb strikes were recorded during WWII in the vicinity of the site. There are no direct bomb strikes recorded within the site boundaries themselves.

¹¹ <http://bombsight.org/> (accessed 20/02/2020).

3. SCREENING – STAGE 1

3.1 Introduction

A screening assessment has been undertaken considering structured guidance presented in Camden Borough Council's CPG4, based on the flowcharts presented in that document as a template. Responses to the questions posed by the flowcharts are presented below and where 'yes' or 'unknown' may be simply answered with 'no' analysis required; these answers have been provided.

3.2 Subterranean (Groundwater) Flow

This section answers questions posed by Figure 3 of CPG4.

Table 2. Responses to Figure 3 of CPG4

Question	Response	Action Required
1a. Is the site located directly above an aquifer?	Yes The site is mapped to be underlain by the Claygate Member which are classified by the Environment Agency as a <i>Secondary A</i> aquifer.	Investigation and assessment
1b. Will the proposed basement extend beneath the water table surface?	Unknown Unpublished borehole records do not indicate the depth of the existing groundwater table.	Investigation and assessment
2. Is the site within 100m of a watercourse, well, or potential spring line?	No The nearest surface water feature is <i>Hampstead No 1 Pond</i> some 550m to the north-east of the site. The Regent's Canal is located some 2.3km to the south-east of the site.	None
3. Will the proposed basement development result in a change in the proportion of hard surfacing?	No The basement is to be located under the footprint of the building and the lightwells beneath areas of existing hardstanding.	None
4. As part of site drainage, will more surface water than at present be discharged to ground (e.g. via soakaways and/or SUDS)?	No The Client has stated that the surface water will be discharged through existing connections.	Assessment
5. Is the lowest point of the proposed excavation close to, or lower than, the mean water level in any local pond or spring lines?	No The elevation of the site is recorded to be some 97m OD. The recorded elevation proximal to the <i>Hampstead No 1 Pond</i> is some 70m OD. Therefore, the basement level is above the water level.	None

In summary, the site is considered to be underlain by silty clays and clays of the Claygate Member that, based on the material descriptions (as silty clay and clay with no visual evidence of sands or sandy inclusions) are considered to be of negligible permeability. Geological maps and nearby boreholes indicate the impermeable London Clay Formation to underlie the Claygate Member at shallow depths and, therefore, the strata beneath the site are considered to be of negligible permeability. Regional groundwater flow is likely to be to the south-east towards the River Thames. Groundwater was not recorded in unpublished borehole logs within 250m of the site. The presence of groundwater will be confirmed during the intrusive investigation.

3.3 Slope/Land Stability

This section answers questions posed by Figure 4 of CPG4.

Table 3. Responses to Figure 3 of CPG4

Question	Response	Action Required
1. Does the site include slopes, natural or man-made, greater than about 1 in 8?	Yes The topography of the site slopes down towards the east and slopes may be greater than 1 in 8.	Assessment
2. Will the proposed re-profiling of the landscaping at site change slopes at the property boundary to greater than about 1 in 8?	No There is no proposed re-profiling or landscaping at the site.	None
3. Does the development neighbour land including railway cuttings and the like with a slope greater than about 1 in 8?	No	None
4. Is the site within a wider hillside setting in which the general slope is greater than about 1 in 8?	No The topography of the surrounding region is relatively level at 97m OD.	None
5. Is the London Clay Formation the shallowest stratum on site?	No The site is directly underlain by the Claygate Member, which is a member of the London Clay Formation. The lithological description, composition and behavioural properties of the Claygate Member are considered to be commensurate with the London Clay Formation.	Investigation and assessment
6. Will any trees be felled as part of the proposed development and/or are any works proposed within any tree protection zones where trees are to be retained?	No Landscaping plans have not been provided; however, trees are not located within the development footprint.	None
7. Is there a history of shrink/swell subsidence in the local area and/or evidence of such at the site?	Unknown The Claygate Member is susceptible to seasonal shrink/swell movements and it is likely that these will occur. The impact of this on the proposed development and adjacent properties should be assessed.	Investigation and assessment
8. Is the site within 100m of a watercourse or a potential spring line?	No The nearest surface water feature is <i>Hampstead No 1 Pond</i> some 550m to the north-east of the site.	None
9. Is the site within an area of previously worked ground?	No According to the BGS website, artificial ground is not present at the site.	Investigation and assessment
10. Is the site within an aquifer?	Yes The Claygate Member is classified by the Environment Agency as a <i>Secondary A</i> aquifer.	Investigation and assessment
11. Is the site within 5m of a highway or pedestrian right of way?	No The proposed basement excavation is located some 15m from Rosslyn Hill road to the north-east..	Investigation and assessment
12. Will the proposed basement significantly increase the differential depth of foundations relative to neighbouring properties?	No A basement is present in the adjacent semi-detached property No. 61 Rosslyn Hill, and based on historical planning application records for No. 61 is indicated to underly the entire building footprint.	Investigation and assessment
13. Is the site over (or within the exclusion zone of) any tunnels?	Unknown. The site is bound to the north-east by Rosslyn Hill road within which lies the London Underground Northern Line, details of its depth and exact location are not known at this stage.	Investigation and assessment

In summary, investigation and impact assessment is required to confirm ground conditions underlying the site, surrounding area and to assess the magnitude of ground movements that may result from the basement excavation and construction as these may be influence adjacent structures.

3.4 Surface Flow and Flooding

This section answers questions posed by Figure 5 of CPG4.

Table 4. Responses to Figure 5 of CPG4

Question	Response	Action Required
1. Is the site within the catchment of the pond chains on Hampstead Heath?	No Hampstead Heath is located approximately 550m to the north-east of the site.	None
2. As part of the proposed site drainage, will surface water flows (e.g. volume of rainfall and peak run-off), be materially changed from the existing route?	No The Client states that all surface water will be discharged to the existing connections. A drainage assessment will require to be undertaken to confirm existing infrastructure has sufficient capacity to take increased drainage.	Assessment
3. Will the proposed development result in a change in the proportion of hard surfaced/paved external areas?	No The basement is to be located under the footprint of the building and the lightwells beneath areas of existing hardstanding.	None
4. Will the proposed basement result in a change to the profile of the inflows of surface water being received by adjacent properties or downstream watercourses?	No The basement is to be located under the footprint of the building and the lightwells beneath areas of existing hardstanding.	None
5. Will the proposed basement result in changes to the quality of surface water being received by adjacent properties or downstream watercourses?	No The basement excavation would remove the majority of any Made Ground present within the footprint of the basement, and as such will not impact on water quality.	None
6. Is the site in an area known to be at risk from surface flooding or is it at risk from flooding because the proposed basement is below the static water level of a nearby surface water feature?	No The site is not located within a flood zone.	None

In summary, the proposed development will not affect the proportions of impermeable surfaces. Groundwater is not likely to be encountered at a depth that would affect the proposed development. on, the Environment Agency website indicates the site is in an area not prone to surface water flooding.

3.5 Conclusions

The items summarised below in Table 5 were identified as part of the Stage 1 screening process.

Table 5. Summary of Basement Impact Assessment Requirements

Item	Description
1.	Subterranean (Groundwater) Flow Confirm the ground conditions and whether groundwater will be a consideration for the basement design.
1.	Slope and Land Stability Assessment of potential movements associated with construction in the Claygate Member of the London Clay Formation, including short and long term heave movements, deflections associated with retaining wall construction and loading, and ground movements around the basement perimeter. Shrink/swell behaviour is a possibility.
2.	An assessment of the impact the proposed excavation and basement installation could have on neighbouring structures.
1.	Surface Flow and Flooding Risk considered to be negligible to low based on the current development scheme.

4. SCOPING – STAGE 2

The ground investigation was undertaken prior to the completion of this BIA and scoped by others; therefore, the Scoping stage has not been considered further.

Broadly, the scope allows the questions raised by the screening stage to be answered within the context of the project.

5. GROUND INVESTIGATION (STAGE 3)

5.1 Summary

A ground investigation was undertaken by Fastrack in December 2019¹². The investigation comprised a single augured borehole to a depth of 8m below ground level (bgl), undertaken within the existing driveway to the north of the property. Drilling and investigation methodology have not been provided as part of the Fastrack report, however, it is assumed that a mechanical flight auger was used. In-situ hand shear vane testing was undertaken at regular intervals and soil samples were recovered at 1m intervals, however no further in-situ or laboratory testing has been undertaken on these samples.

On completion of the works, the borehole was backfilled and a groundwater monitoring standpipe was not installed.

A copy of the factual report by Fastrack is presented in Appendix B.

5.2 Ground and Groundwater Conditions

The ground conditions encountered during the ground investigation works are generally consistent with those within the published geological maps. The ground conditions have been interpreted from the borehole record to comprise Made Ground deposits underlain by the cohesive Claygate Member (of the London Clay Formation), the base of which was not proven during this investigation. The ground conditions, as described and provided in the Fastrack⁷ report, are summarised below in Table 6. A Conceptual Site Model of the site is presented as Figure 3.

Table 6. Summary of Ground Conditions

Stratum	Depth to Top of Stratum (m bgl)	Typical thickness (m)
MADE GROUND. Block paving overlying dark brown silty clay with varying proportions of gravel. The gravel fraction comprises brick. (BH1)	Ground level	1.6
Dark brown and grey silty clay Or Grey clay. [CLAYGATE MEMBER]	1.6	6.4*

Notes: * base not proven.

5.3 Groundwater

During the ground investigation, groundwater strikes were not encountered and return monitoring visits were not completed as a groundwater monitoring standpipe was not installed.

¹² Fastrack. (2019). 63 Rosslyn Hill, Camden, London NW3 5UQ - Geotechnical Survey Report. Report Ref: 20318.

The Claygate Member is locally underlain by the London Clay Formation, an impermeable stratum. Whilst the Claygate Member typically comprises sequences of clays and silts, lenses of sand may also be locally present. Given the topography of the wider region, groundwater is considered unlikely to be present. However, perched water may be present within the Made Ground and/or sandy/silty lenses of the Claygate Member, if encountered.

5.4 Geotechnical Design Parameters

Geotechnical design parameters for the proposed development are summarised in Table 7 below, these are based on the results of laboratory and in-situ testing and published data for the well-studied Claygate Member. Within the borehole, in-situ vane tests were undertaken within the Made Ground and the Claygate Member.

Table 7. Geotechnical Design Parameters

Stratum	Design Level m bgl [m SD]	Bulk Unit Weight γ_b (kN/m ³)	Undrained Cohesion c_u (kPa)	Effective Cohesion c' (kPa)	Effective Friction Angle ϕ (°)	Young's Modulus E_u [E'] (MPa)
Made Ground	0	18	-	0	28	10 ^a
Claygate Member	1.6 [-1.6]	20	90 + 8z ^b	2	21	54 + 5z ^{c, b} [40 + 3.75z ^b]

Notes:

1. Conservative value adopted for Made Ground
2. z = depth below lower surface of the London Clay Formation
3. Based on 600c_u - Burland, Standing J.R., and Jardine F.M. (eds) (2001), Building response to tunnelling, case studies from construction of the Jubilee Line Extension London, CIRIA Special Publication 200.
4. Based on 0.75E_u - Burland, Standing J.R., and Jardine F.M. (eds) (2001), Building response to tunnelling, case studies from construction of the Jubilee Line Extension London, CIRIA Special Publication 200.

The parameters in Table 7 are characteristic, unfactored (Serviceability Limit State) and considered to be 'moderately conservative' design values.

5.5 Presumed Bearing Capacity

Based on the structural drawings and ground conditions encountered during site investigation, the underpin foundations will be bearing into the Claygate Member.

A presumed bearing capacity at the underside of the proposed underpinning sections of 200kN/m² is recommended for foundations in the Claygate Member at a depth of -4.0mSD to restrict settlements to levels commensurate with construction of the new and old elements of the buildings. This is considered to be a *moderately conservative* value, based on a single borehole having been completed and undrained shear strength of the material at 4m depth.

5.6 Potential Contamination

Significant olfactory or visual evidence of gross contamination was not recorded during the ground investigation works.

6. BASEMENT IMPACT (STAGE 4)

6.1 Subterranean (Groundwater) Flow

Based on the ground investigation data and the development plans provided, the basement is to be formed within the Claygate Member, where groundwater was not encountered.

It is noted that the nearest surface water feature is *Hampstead No 1 Pond* in Hampstead Heath, some 550m to the north-east, lying at a lower elevation than the site (recorded at 70mOD, compared to the site's elevation at approximately 97mOD) and consequently groundwater flow rates are likely to be absent. On this basis, it is considered that the proposed basement extension will have negligible significant impact on groundwater flows and levels in the vicinity of the site.

6.2 Surface Flow and Flooding

It is understood that surface waters will join the existing drainage infrastructure (albeit via basement pumping if a gravity fed solution is not feasible), with negligible changes in peak drainage outflows anticipated from the site. In addition, the site lies outside of any EA designated Flood Zone for rivers or the sea, although the Environment Agency website indicates that the site may be situated within an area associated with surface water flooding. Based on the above, it is considered that the development will have a negligible impact on surface water flow and flooding. In addition, the basement is likely to provide enhanced attenuation given its requirement to be drained in accordance with Building Regulations.

6.3 Water Control During Construction

During the ground investigation, groundwater strikes were not encountered. The Claygate Member is locally underlain by the London Clay Formation, which is typically considered to be an impermeable stratum. Whilst the Claygate Member typically comprises sequences of clays and silts, lenses of sand may also be locally present. Given the topography of the wider region, groundwater is considered unlikely to be present. However, perched water may be present within the Made Ground and/or sandy/silty lenses of the Claygate Member, if encountered.

Perched water encountered within Made Ground and/or Claygate Member may require controlling by use of conventional localised sump pumping by the contractor during underpinning, retaining wall construction and bulk basement excavation works.

6.4 Slope Stability

Impacts on slope stability are assessed as part of the ground movement assessment in Section 7 below. Further discussion is included in Section 7.10.

7. BIA STAGE 4 - GROUND MOVEMENT ASSESSMENT

7.1 Introduction

This section describes calculations undertaken to assess ground movements that may result from the construction of the proposed basement and to assess how these may affect the adjacent structures and infrastructure. The party wall beneath No. 61 and No. 63 Rosslyn Hill will not be underpinned. The base of excavation for both the existing basement (in the adjacent No. 61) and the proposed basement (beneath the site in No. 63) is 4m.

7.2 Basement Construction Sequence

This construction sequence has been interpreted from the underpinning/ retaining wall detailed on structural drawings by RH Horwitz, who are the structural engineer for the project. Relevant drawings are presented within Appendix C. It is understood that beneath the existing building the new basement is to be constructed using traditional underpin technique, which will involve the excavation in sequence of bays with a maximum 1.2 m width.

7.3 Conceptual Site Model and Critical Sections

A conceptual site model (CSM) of the proposed site conditions has been developed based on the available data to illustrate the conceptual understanding of the ground and is presented in Figure 2 and 3 in plan and section view, respectively. Details of the critical sections to be analysed as part of this assessment are discussed below.

Outline considerations and assessments have also been discussed for properties situated at the adjacent Mulberry Close, and the TFL Northern Line, situated some 17m to the north of the property. However, given the distance to these features, these have not been assessed as critical sections.

7.3.1 Section A – AA: No. 61 Rosslyn Hill

A party wall is shared with No. 61 Rosslyn Hill, which is located immediately to the south-east of the site. The structure is approximately 10.5m in width and 12.7m in height (L/H ratio of 0.83) along the front elevation and has three above ground storeys and a single below ground storey. It is understood that the property already benefits from a single storey basement located beneath the footprint of the property, the extent of the basement within No. 61 is indicated from historical planning application drawings for No. 61, and is considered to be present under the majority of No. 61.

7.3.2 Section B – BB: Mulberry Close

Terraced properties are situated on Mulberry Close, with the closest of these being approximately 3.6m to the west of the site. It is understood that the structure is approximately 10m in width and 10m in height (with a L/H ratio of 1.0) along its front elevation and is to have three above ground storeys. It is not known whether a basement is present.

7.4 Ground Movements Arising from Basement Construction

A ground movement assessment has been undertaken using OASYS Limited *PDISP (Pressure Induced Soil Displacements)* analysis software. PDISP assumes that the ground behaves as an elastic material under loading, with movements calculated based on the applied loads and the soil stiffness (E_u and E') for each stratum input by the user. The analysis calculates vertical ground movement (settlement and/or heave) including both the short term and total movements.

Based on the drawings provided in Appendix A, the existing rear garden of the property will be reduced by approximately 4.0m, which would generate an approximate unloading of 80kN/m^2 at the basement formation level (assuming an overburden bulk unit weight of 20kN/m^3). Beneath the existing basement, the level is to be reduced by approximately 1.25m, which would generate an approximate unloading of 25kN/m^2 at the basement formation level (assuming an overburden bulk unit weight of 20kN/m^3).

The geometry of the foundations and structural loadings provided by RH Horwitz for the underpins and columns are presented in Appendix C. It has been assumed that maximum gross bearing pressures calculated by RH Horwitz underneath the underpins are evenly distributed across the underpin bases in both the short and long term. The loads shown on the drawing included in Appendix C have been labelled and summarised for reference within this report. Details of the load referencing, load type and applied load (in kN/m^2) is detailed in Table 8 below. Reference loading points are indicated on Figures 4 and 5. The loads provided within Appendix C (and loading areas shown on Figures 4 and 5) have been applied within the PDISP models as foundations either 1m wide (assuming 1m wide strips), or 1m x 1m bases (pad/columns). Hence, all loads have been applied as kN/m^2 .

For the purposes of the assessment it has been assumed that the foundations will be formed in the Claygate Member at a level of approximately -4.0mSD. The weight of the basement slab loading (8kN/m^2 , assumed to be 0.3m in thickness) has only been modelled for the total movement calculations.

Table 8. Structural Loading

Reference	Type	Load ^a
A	External wall	40kN/m^2
B	External wall	10kN/m^2
C	External wall	10kN/m^2

Reference	Type	Load ^a
D	Internal wall	79 kN/m
E	External wall	55kN/m ²
F	External wall (lightwell)	87kN/m ²
G	External wall (lightwell)	10kN/m ²
H	External wall (lightwell)	10kN/m ²
I	External wall	250kN/m ²
J	External wall (lightwell)	125kN/m ²
K	External wall (lightwell)	10kN/m ²
L	External wall (lightwell)	125kN/m ²
M	Party wall	-
N	External wall	10kN/m ²
O	Internal wall	64kN/m
PL1	Point Load	87kN/m ²
PL2	Point Load	87kN/m ²
PL3	Point Load	108kN/m ²
PL4	Point Load	36kN/m ²
PL5	Point Load	126kN/m ²
PL6	Point Load	175kN/m ²
PL7	Point Load	110kN/m ²
C1	Column Load	155kN/m ²
C2	Column Load	130kN/m ²
C3	Column Load	100kN/m ²
C4	Column Load	80kN/m ²
D1	4m Basement Excavation	-80kN/m ²
D2	1.25m Basement Excavation	-25kN/m ²
S1	Slab	15.8kN/m ²

Notes:

- kN/m² loading based on assumed bearing width of 1m for underpins/strip footings.
- Point loads and column loads based are provided in kN. It has been assumed that all point loads will be taken down and placed on a foundation width/dimension of 1m. Hence, all point load and column loads have been assessed in kN/m².
- Party wall is already underpinned in No. 61 Rosslyn Hill.

7.4.1 Ground Movement during Construction – short term

Short term heave at basement formation level is calculated to be in the order of 4mm within the centre of the excavation when the increased load of the overburden is removed during the construction process. Beneath the existing structure settlement in the order of between 1mm and 2mm is calculated beneath the proposed walls and basement area. Up to 2.5mm of heave is shown on the party wall with No. 61 Rosslyn Hill. These movements will occur during construction as overburden is removed and structural loads are transferred through the new foundations and underpins to the underlying Claygate Member. A contour plot showing short term movement at basement formation level is presented in Figure 4.

Outputs from the modelling are included in Appendix D.

7.4.2 Total Ground Movement – long term

Total movement is governed by net loadings at formation level and developed as a result of pore pressure recovery within the underlying London Clay Formation and includes both short term and long-term movement. The results indicate that heave values of 7mm are anticipated within the centre of the excavation at the centre of the structure. Settlement of between 1mm and 2.5mm have been calculated along the structure walls.

Beneath the existing structure, settlements of between 1mm and 2.5mm have been calculated, with up to 4.6mm of heave calculated along the party wall.

A contour plot showing movement at basement formation level is presented in Figure 5. Outputs from the modelling are included in Appendix D.

7.5 Underpin Settlement – Workmanship

In CGL's experience, settlement caused by the construction of underpinning is typically in the order of 5mm with good workmanship. This makes allowance for compression of the dry pack concrete on the underside of the foundation as loads are taken up on the new foundations.

It has been assumed that the works will be undertaken in a single underpin lift. A 5mm settlement has been incorporated in the building damage assessment assuming high quality workmanship is adopted in addition to those calculated using the PDisp assessment.

The underpinning installation movements are shown on Figure 6, and are based on CGL's experience of similar works, and a parabolic curve over 5m. This is conservative with regards to deriving a curvature and corresponding deflection ratio for movement of the adjacent property.

7.6 Underpin Walls – Lateral Movements

Lateral ground movement during construction will be primarily dependent on the quality of workmanship of the contractor involved, particularly with regards to the provision of temporary excavation support for the underpin drive, use of sacrificial trench sheeting to the rear face of the underpin excavation (typically in granular or water bearing soils), dry-packing and timely and accurate installation of temporary propping during construction. Temporary propping of each underpin section during construction will be crucial in controlling horizontal deflection and rotation of the underpins. The detailing and construction of any reinforcement and connections/curing joints between underpin sections and basement slab will also be critical in controlling deflections.

For the purpose of this assessment the maximum deflection ratio of the wall will be determined from the critical ground movement profiles calculated for the adjacent property. This value will be used to

determine the critical allowable lateral deflection of the wall to restrict movements such that predicted Damage Category 1 (very slight damage) is not exceeded.

7.7 Building Damage Assessment

The calculated ground movements have been used to assess potential ‘damage categories’ that may apply to neighbouring properties/infrastructure due to the proposed basement construction. The methodology proposed by Burland and Wroth¹³ and later supplemented by the work of Boscardin and Cording¹⁴ has been used, as described in *CIRIA Special Publication 200*¹⁵ and *CIRIA C580*¹⁶.

General damage categories are summarised in Table 9 below:

Table 9. Summary of Basement Impact Assessment Requirements

Category	Description
0 (Negligible)	Negligible – hairline cracks
1 (Very slight)	Fine cracks that can easily be treated during normal decoration (crack width <1mm)
2 (Slight)	Cracks are easily filled, redecoration probably required. Some repointing may be required externally (crack width <5mm).
3 (Moderate)	The cracks require some opening up and can be patched by a mason. Recurrent cracks can be masked by suitable linings. Repointing of external brickwork and possibly a small amount of brickwork to be replaced (crack width 5 to 15mm or a number of cracks > 3mm).
4 (Severe)	Extensive repair work involving breaking-out and replacing sections of walls, especially over doors and windows (crack width 15mm to 25mm but also depends on number of cracks).
5 (Very Severe)	This requires a major repair involving partial or complete re-building (crack width usually >25mm but depends on number of cracks).

For the neighbouring party wall section, the combined impact of the total movements due to basement excavation and structural loading, as well as settlement due to workmanship has been assessed independently and also combined to determine the worst case ground movement profile and deflection ratio for the adjacent properties. These values have then been used to establish the limiting horizontal

¹³ Burland, J.B., and Wroth, C.P. (1974). *Settlement of buildings and associated damage*, State of the art review. Conf on Settlement of Structures, Cambridge, Pentech Press, London, pp611-654

¹⁴ Boscardin, M.D., and Cording, E.G. (1989). *Building response to excavation induced settlement*. J Geotech Eng, ASCE, 115 (1); pp 1-21.

¹⁵ Burland, Standing J.R., and Jardine F.M. (eds). (2001). *Building response to tunnelling, case studies from construction of the Jubilee Line Extension London*, CIRIA Special Publication 200.

¹⁶ CIRIA C580. (2003). *Embedded Retaining Walls – guidance for economic design*

strain allowed for the adjacent properties to limit the damage category to Category 1 ‘very slight’ damage. The horizontal strain is a function of the lateral deflection of the wall which should be controlled during construction by a combination of regular propping and monitoring of the underpins and retaining walls.

For the critical perimeter basement wall section of No 61 Rosslyn Hill, the combined impact of undrained short term and drained long term total ground movement and assumed settlement due to workmanship have been used to determine the overall ground movements due to the construction of the basement. The maximum combined vertical movements predicted are to be approximately 0.5mm of settlement (associated with 5mm of underpinning movement and 4.6mm of heave).

For the boundary wall section of Mulberry Close (with the closest property being located approximately 3.6m from the proposed basement), the combined impact of the undrained ‘short term’ and the drained ‘long term’ total ground movement and the estimated settlement due to workmanship have been used to determine the overall ground movements anticipated within the affected area due to the construction of the basement. A maximum of <1mm (0.5mm) settlement at the property edge has been calculated (including underpinning movement and taking into consideration the distance of the adjacent property from the proposed basement).

Table 10 summaries the calculation of damage category parameters, namely the deflection ratio and horizontal strain. The method of establishing an appropriate deflection ratio for the neighbouring structure is illustrated graphically in Figures 6 to 9.

Table 10. Summary of Ground Movements and Corresponding Damage Category

Critical Section	Limiting Horizontal movement ^c (mm)	Calculated Maximum deflection (mm)	Limiting horizontal Strain ϵ_h^a (%)	Deflection ratio Δ/L^b (%)	Damage category
A-AA: No. 61 Rosslyn Hill	7	1.3	0.066	0.012	1 - very slight
B-BB: Mulberry Close	7 ^d	0.8	0.07	0.008	1 - very slight

Notes:

- See Figure 2.18 (a) CIRIA C580 (2003) Embedded retaining walls guidance for economic design. (L = length of adjacent structure in metres, perpendicular to basement; Δ = relative deflection)
- See Box 2.5 (v) CIRIA C580 (2003) Embedded retaining walls guidance for economic design. (ϵ_h = horizontal movement in metres)
- Maximum horizontal movement allowed to ensure Category 1 Damage is not exceeded
- Highly conservative, as mechanism to generate 7mm horizontal movement considered at this property is considered to be unlikely. However, 7mm has been used as a controlling criteria to limit Category 1 Damage.

7.8 TfL Northern Line

Details regarding the location and depth of the Northern Line have not been provided, and a detailed Ground Movement Assessment has not been undertaken as part of this BIA. Displacement lines

modelled from the front of the property to the A502 road (Rosslyn Hill) indicate that total ground movements associated with basement construction are negligible beyond 6m. Given that the TFL Northern Line is situated some 17m from the site, then it can be considered that ground movements associated with the basement construction that may affect the TFL Northern Line are considered to be negligible.

7.9 Slope Stability

The proposed lightwell within the southwest corner of the building is in immediate vicinity to an existing retaining wall. Based on the ground movement assessment, predicted ground movements in the vicinity of the retaining walls is assessed to be negligible. A construction and temporary works design of the basement will need to consider these retaining structures in the detailed design.

8. MONITORING STRATEGY

The results of the ground movement analysis suggest that with good construction control, damage to adjacent structures generated by the assumed construction methods and sequence are likely to be within Category 1 ('very slight'). To ensure movements do not start to fall outside of those predicted, it is recommended that a formal monitoring strategy is implemented on site in order to observe and control ground movements during construction.

The monitoring system should operate broadly in accordance with the 'Observational Method' as defined in CIRIA Report 185¹⁷. Monitoring can be undertaken by using positional surveys compared to baseline values established before any excavation work is undertaken onsite. Regular monitoring of these positions will determine if any horizontal translation, tilt or differential settlement of the neighbouring structure is occurring as the construction progresses. Monitoring data should be checked against predefined trigger limits and can also be further analysed to assess and manage the damage category of the adjacent buildings as construction progresses. Trigger limits should be established by the contractor onsite based on the results of this assessment and consideration of the preferred monitoring method.

As discussed previously, the horizontal deflection/translation of the underpins during construction should be limited to 7mm for the underpinned sections for No. 61 and 63 Rosslyn Hill, to restrict the damage category for the adjacent critical properties to within Category 1 'very slight'. This value should form the basis of the 'traffic light' trigger levels established prior to underpinning and piling works commencing onsite. 'Trigger levels' should also be discussed and agreed with the party wall surveyor.

¹⁷ Nicholson, D., Tse, Che-Ming., Penny, C. (1999). *The Observational Method in ground engineering: principles and applications*. CIRIA report R185.

9. CONCLUSIONS

The results of this Ground Movement Assessment are informed by ground investigation data available for the site and BGS borehole records. The analysis has been based on drawings and loadings provided by the architect and structural engineer for the project.

Based on a numerical assessment, ground movements are anticipated to be of low magnitude and within acceptable limits for the proposed and adjacent structures.

Assuming high quality workmanship, temporary works and appropriate contingencies for groundwater control, it is considered that the calculated ground movement would limit building damage to 'Category 1' (very slight).

Ground movements associated with the basement construction that may affect the TfL Northern Line are considered to be negligible.

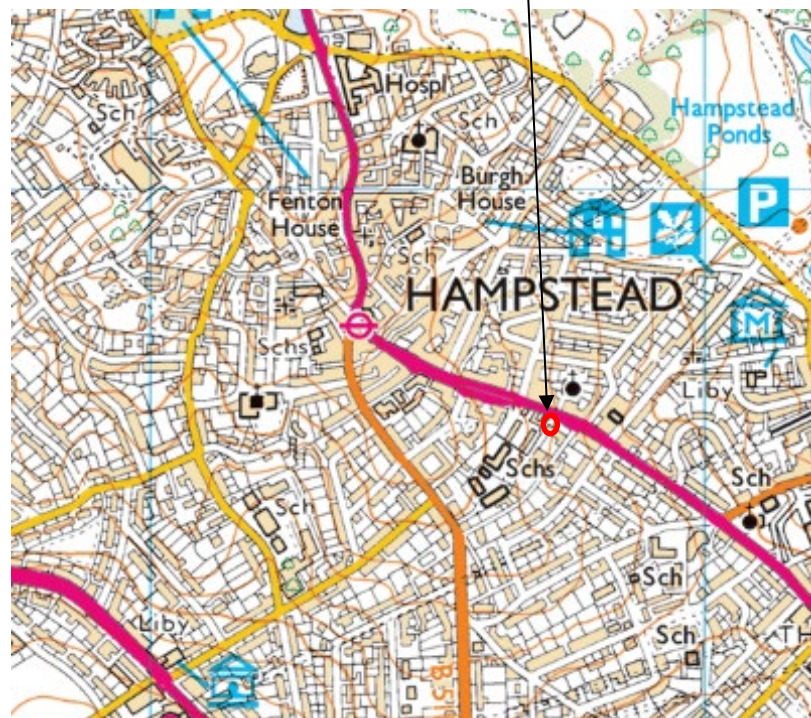
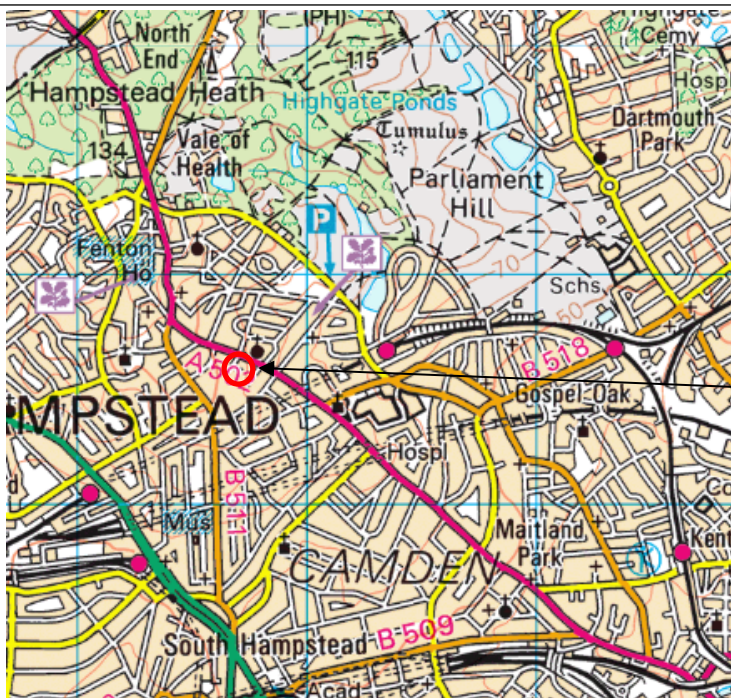
It should be noted that good workmanship should be adopted throughout construction and be the responsibility of the contractor. This will be critical in controlling ground movements during construction. Reference should be made to the Association of Specialist Underpinning Contractors guidance¹⁸ in this respect.

In order to control and manage risk during construction, it is recommended that a formal monitoring strategy is implemented on site.

The long-term impact of the basement on the local hydrogeological regime is expected to be negligible.

¹⁸ ASUC. (2013). *Guidelines on safe and efficient basement construction directly below or near to existing structures*.

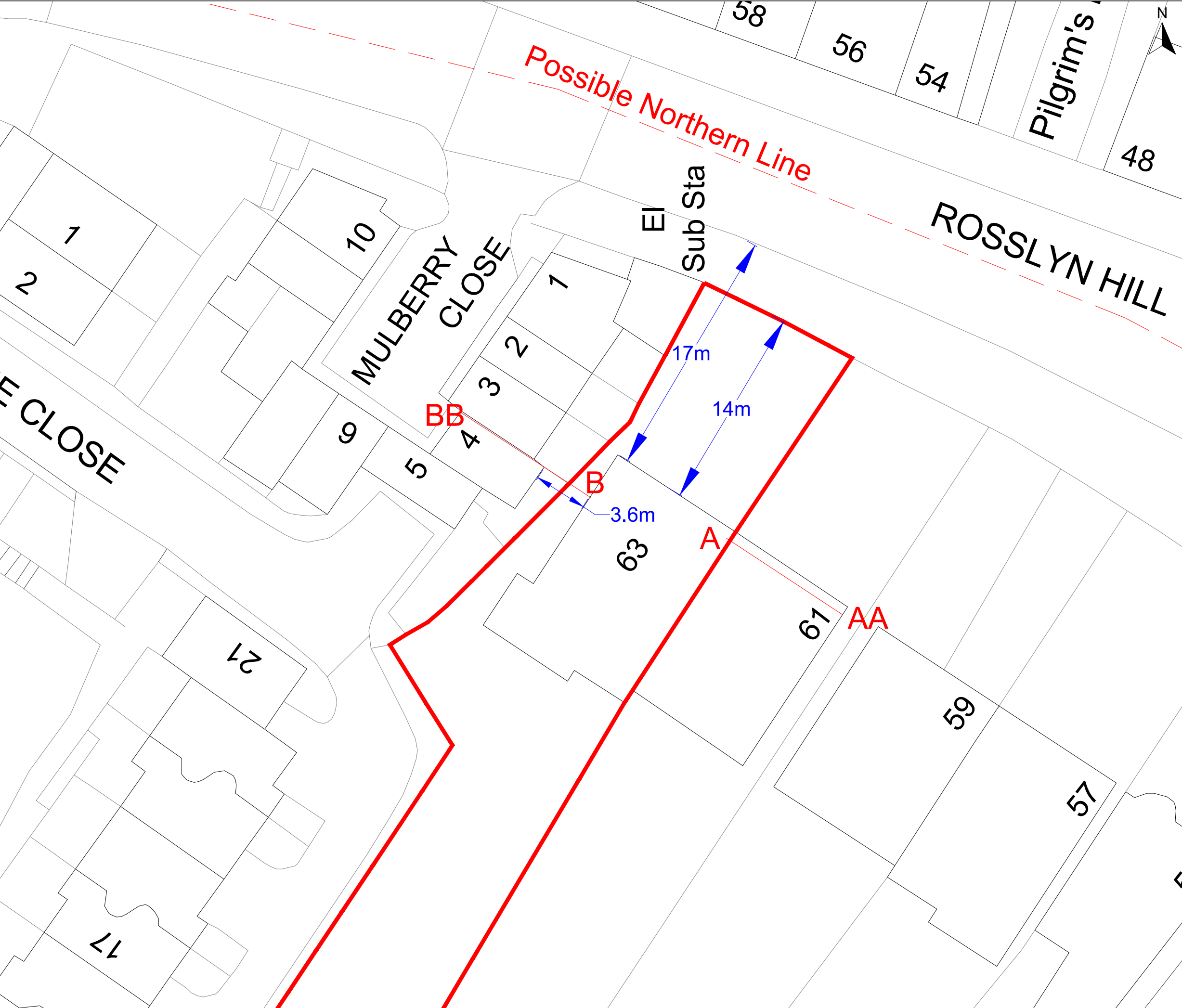
FIGURES



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Client Cranbrook Basement Design and Construction Limited	Project 63 Rosslyn Hill, Hampstead, London, NW3 5UQ	Job No CGE/16435
	Title Site Location Plan	Figure 1



Site Boundary



Card Geotechnics Ltd
Palatine House
Matford Court
Sigford Road
EX2 8NL
T: 01392 439905

Project
63 Rosslyn Hill, Hampstead, London, NW3 5UQ

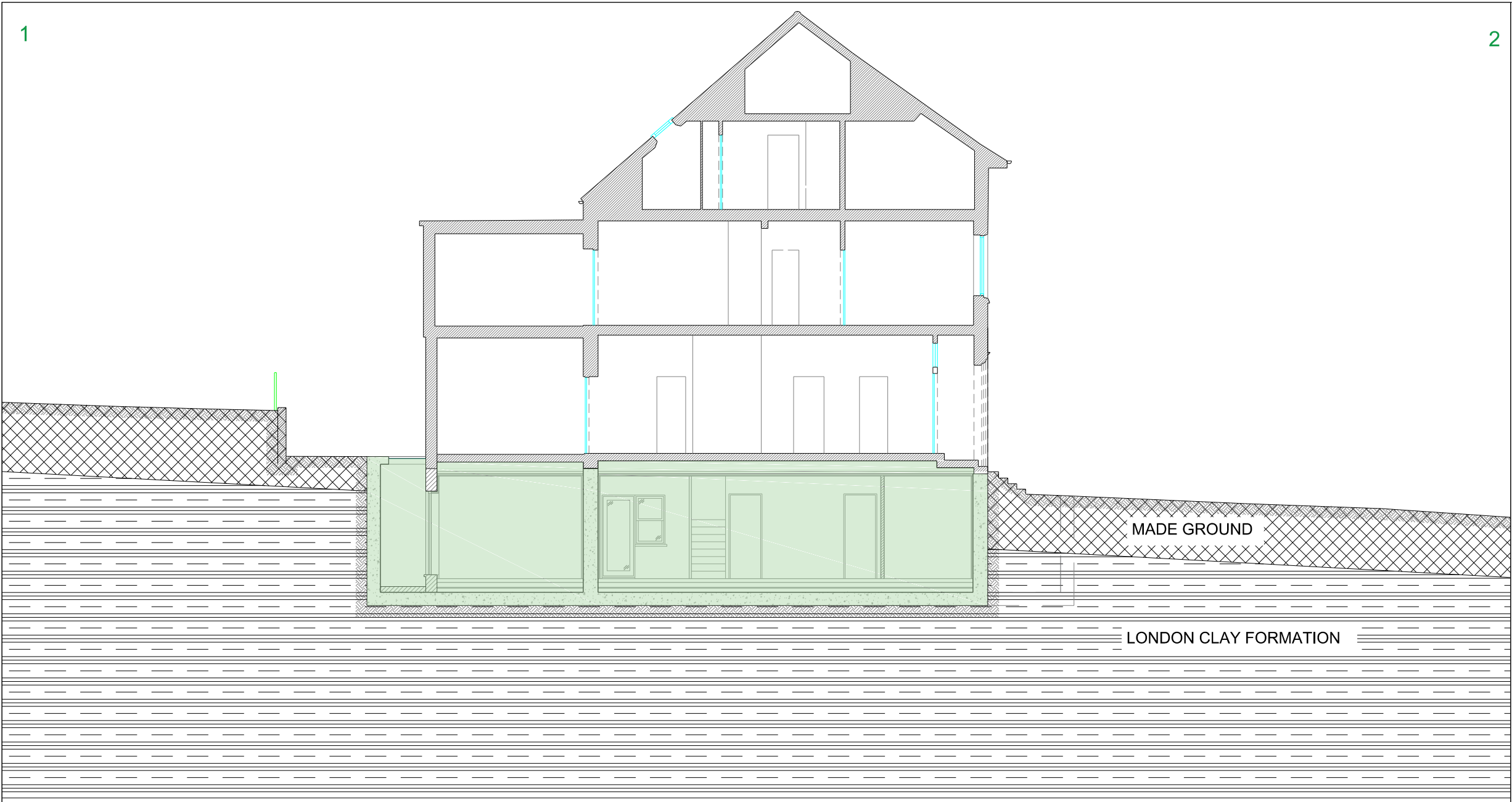
Client
Cranbrook Basement Design and Construction Limited

Drawing title
Figure 2 - Site Layout Plan

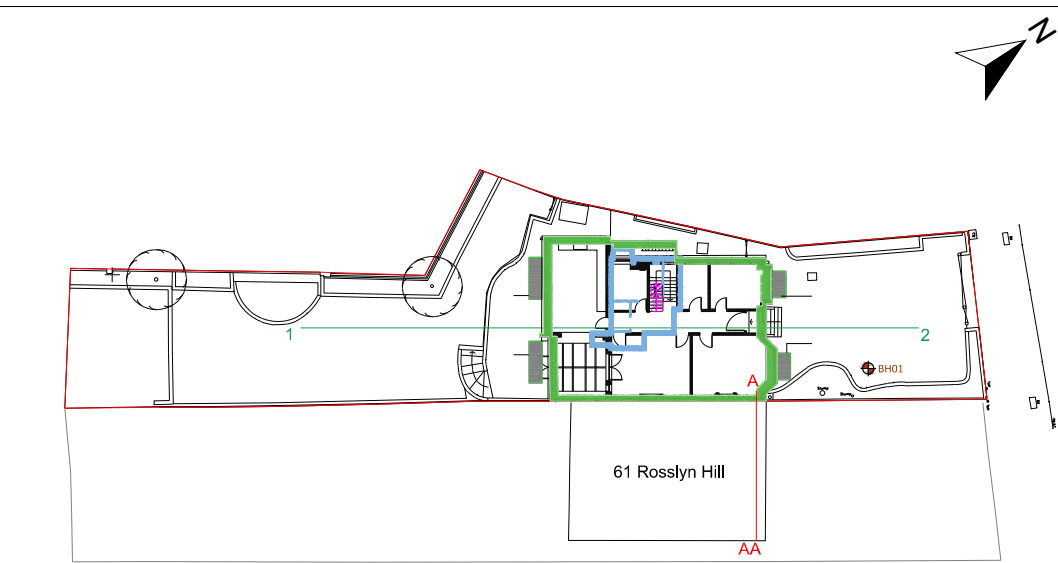
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Drawn	ARA	04/03/20	Dwg No.	Rev.
Checked	SIM	04/03/20	CGE/16435-001	1
Approved	BEJ	04/03/20		

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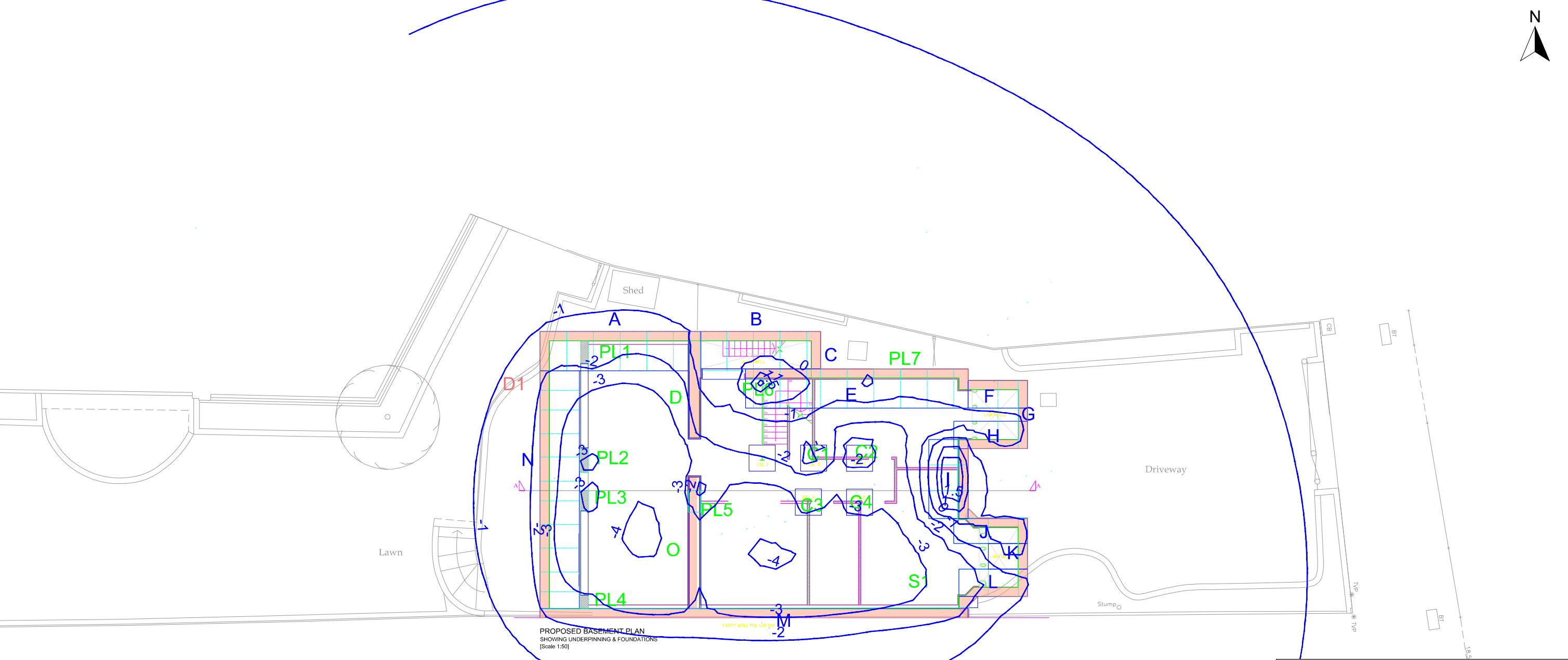


-  Proposed Basement
-  Made Ground
-  London Clay Formation
-  Fastrack Limited Borehole Location (2019)
-  Site Boundary
-  Critical Section A-AA
-  Approximate Existing Basement Outline
-  Approximate Proposed Basement Outline
-  Line of Conceptual Site Model Section



1:500

*	*	*
Rev	Date	Comments
		Card Geotechnics Ltd Palatine House Matford Court Sigford Road EX2 8NL T: 01392 439905
Project	63 Rosslyn Hill, Hampstead, London, NW3 5UQ	
Client	Cranbrook Basement Design and Construction Limited	
Drawing title	Figure 3 - Conceptual Site Model	
Scale(s)	Job No.	
Varies	CGE/16435	
Drawn	ARA	Dwg No.
Checked	04/03/20	CGE/16435-002
Approved		Rev.
		*
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PROPOSED BASEMENT PLAN
SHOWING UNDERPINNING & FOUNDATIONS
[Scale 1:50]

PARTY WALL MIN 400 THK

Notes

1. Contours are in mm.

2. Positive contour values indicate settlement and negative values indicate heave.

1	30/06/20	Updated contours
0	03/03/20	First issue
Rev	Date	Comments



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Client

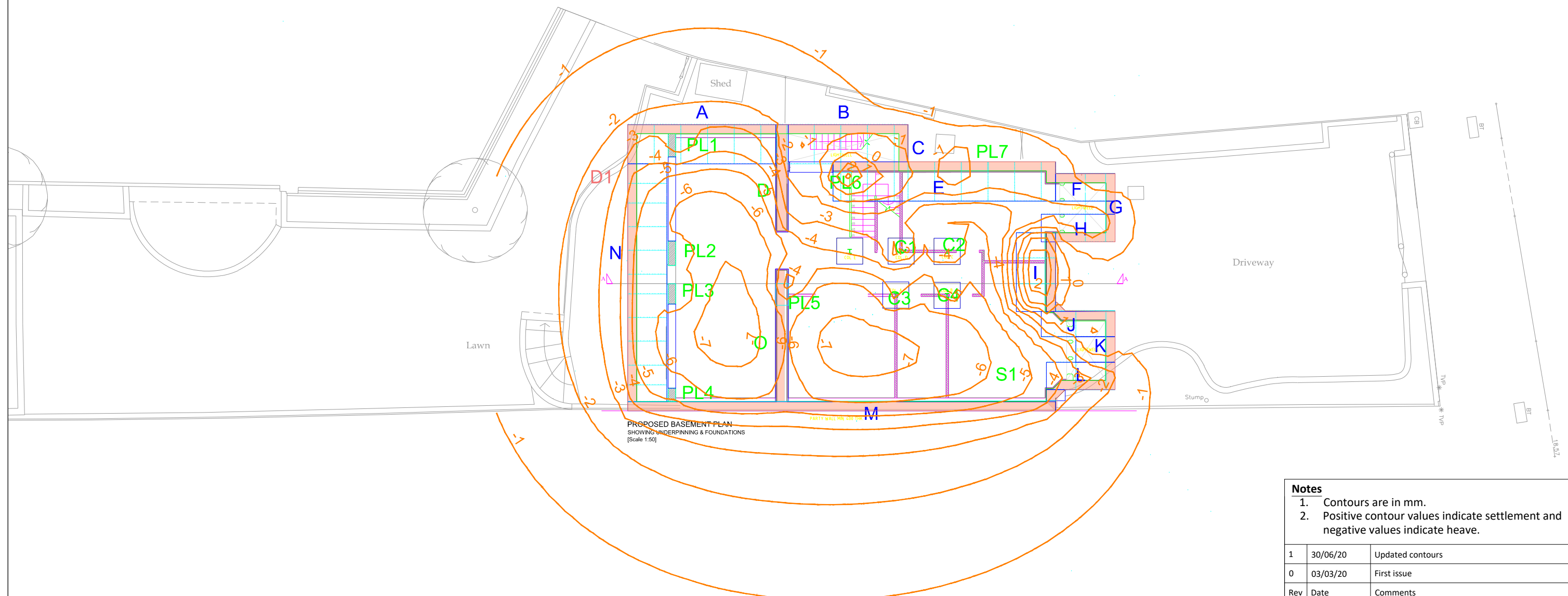
Cranbrook Basement Design and Construction Limited

Drawing title

Figure 4 - Undrained 'Short Term' Contours

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Drawn	TSB	03/03/20	Dwg No. CGE/16435-003	Rev. 1
Checked	XXX	CHK		
Approved	YYY	APP		

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Notes

1. Contours are in mm.
2. Positive contour values indicate settlement and negative values indicate heave.

1	30/06/20	Updated contours
0	03/03/20	First issue
Rev	Date	Comments



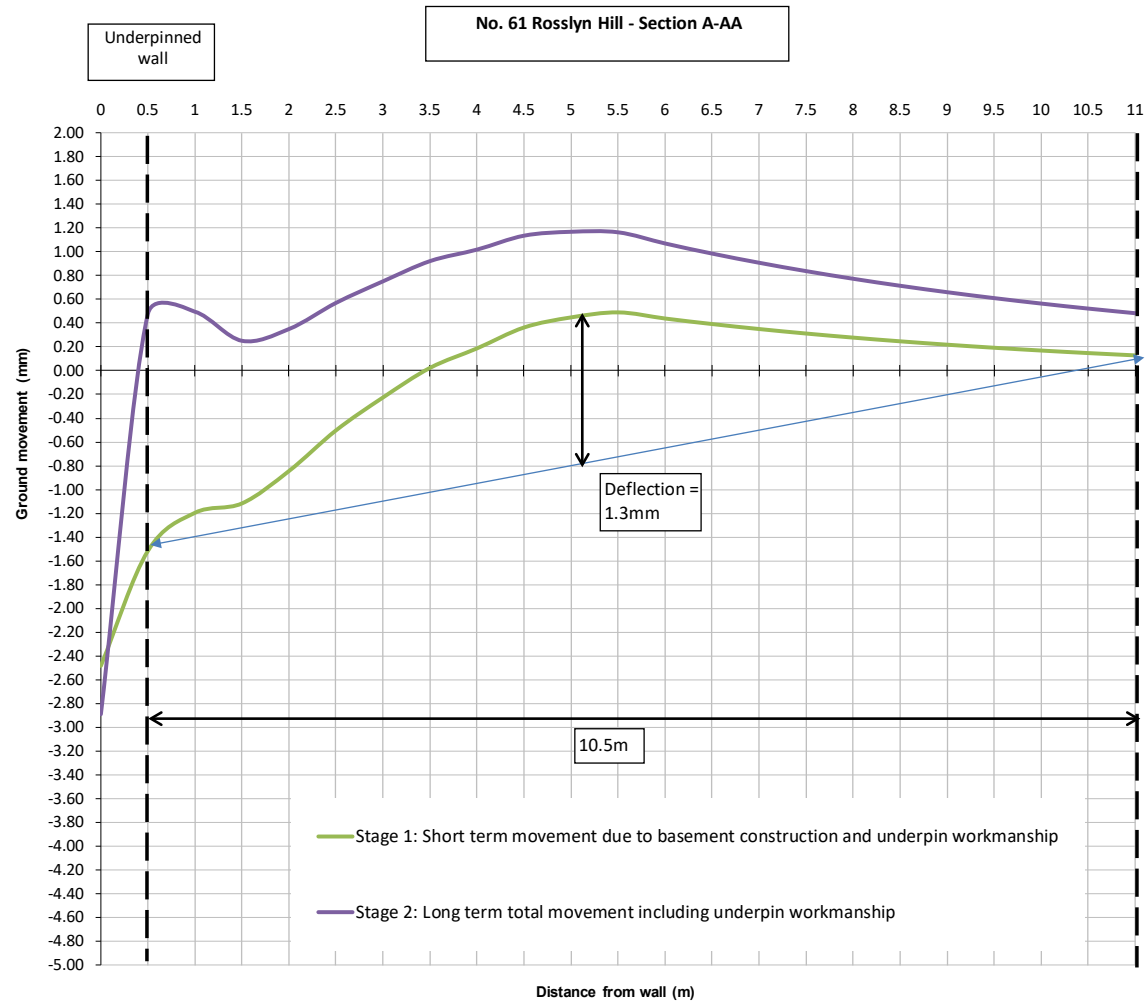
Project	63 Rosslyn Hill, Hampstead, London, NW3 5UQ
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Client	Cranbrook Basement Design and Construction Limited
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Drawing title	Figure 5 - Drained 'Long Term' Contours
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Scale(s) 1:150@A3			Job No. CGE/16435		
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Checked			CGE/16435-004		
Approved			Rev. 1		

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Job No

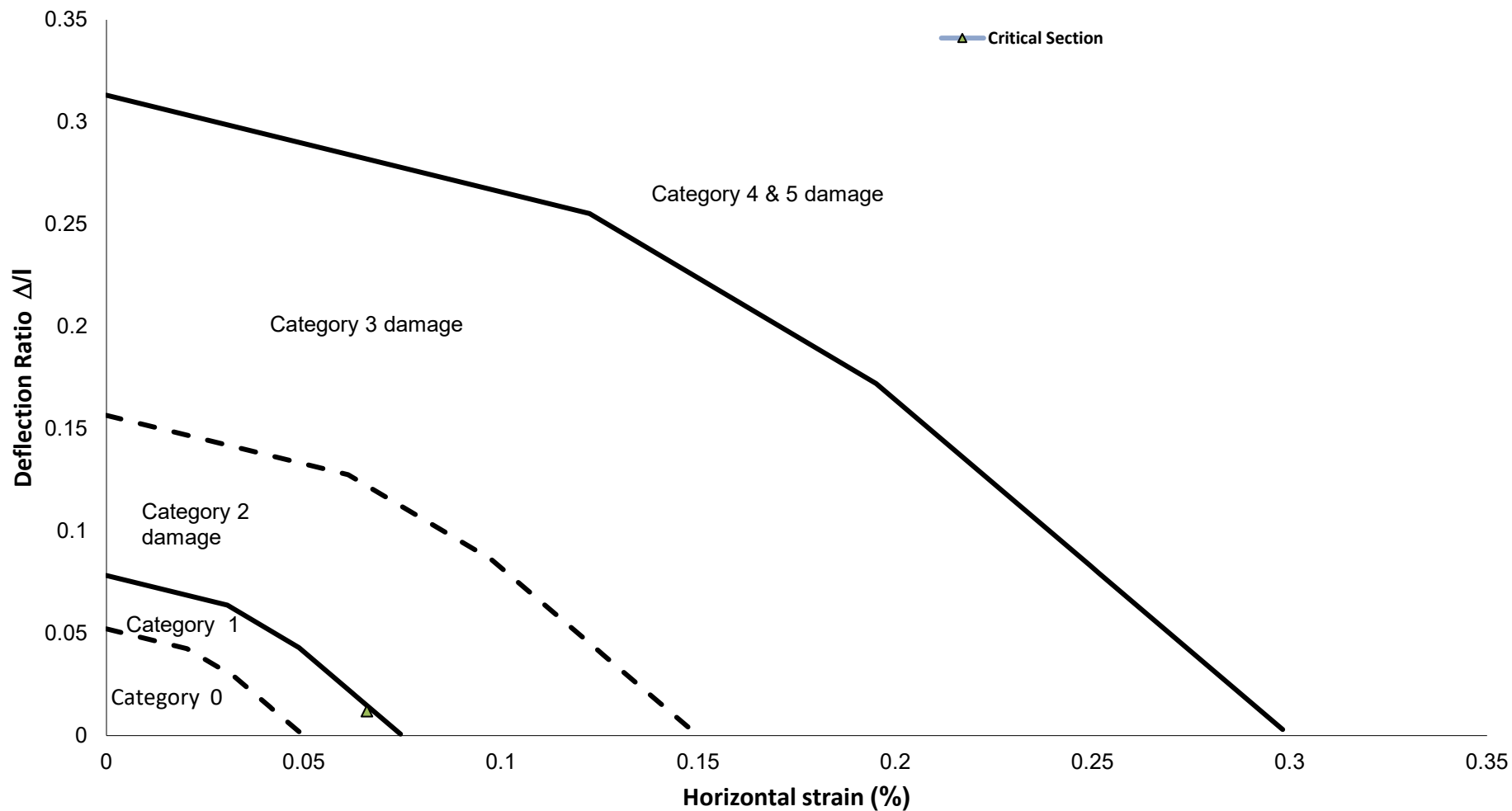
CGE/16435



Title

Combined Cumulative Vertical Movement Section A-AA

Figure 6



Client
**Cranbrook Basement Design
and Construction Limited**

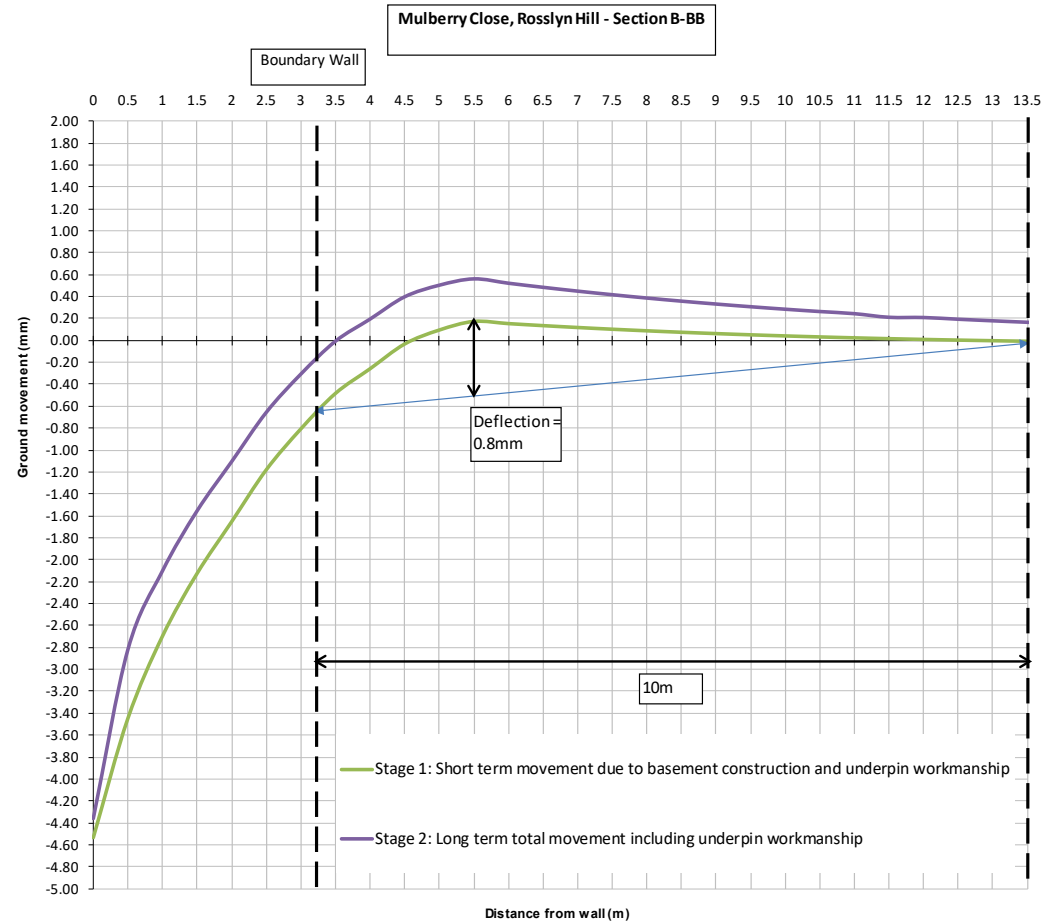
Project
63 Rosslyn Hill, Hampstead, London, NW3 5UQ

Job No
CGE/16435



Title
Building Damage Assessment Plot – 61 Rosslyn Hill

Figure 7



Client
**Cranbrook Basement Design
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Project

63 Rosslyn Hill, Hampstead, London, NW3 5UQ

Job No

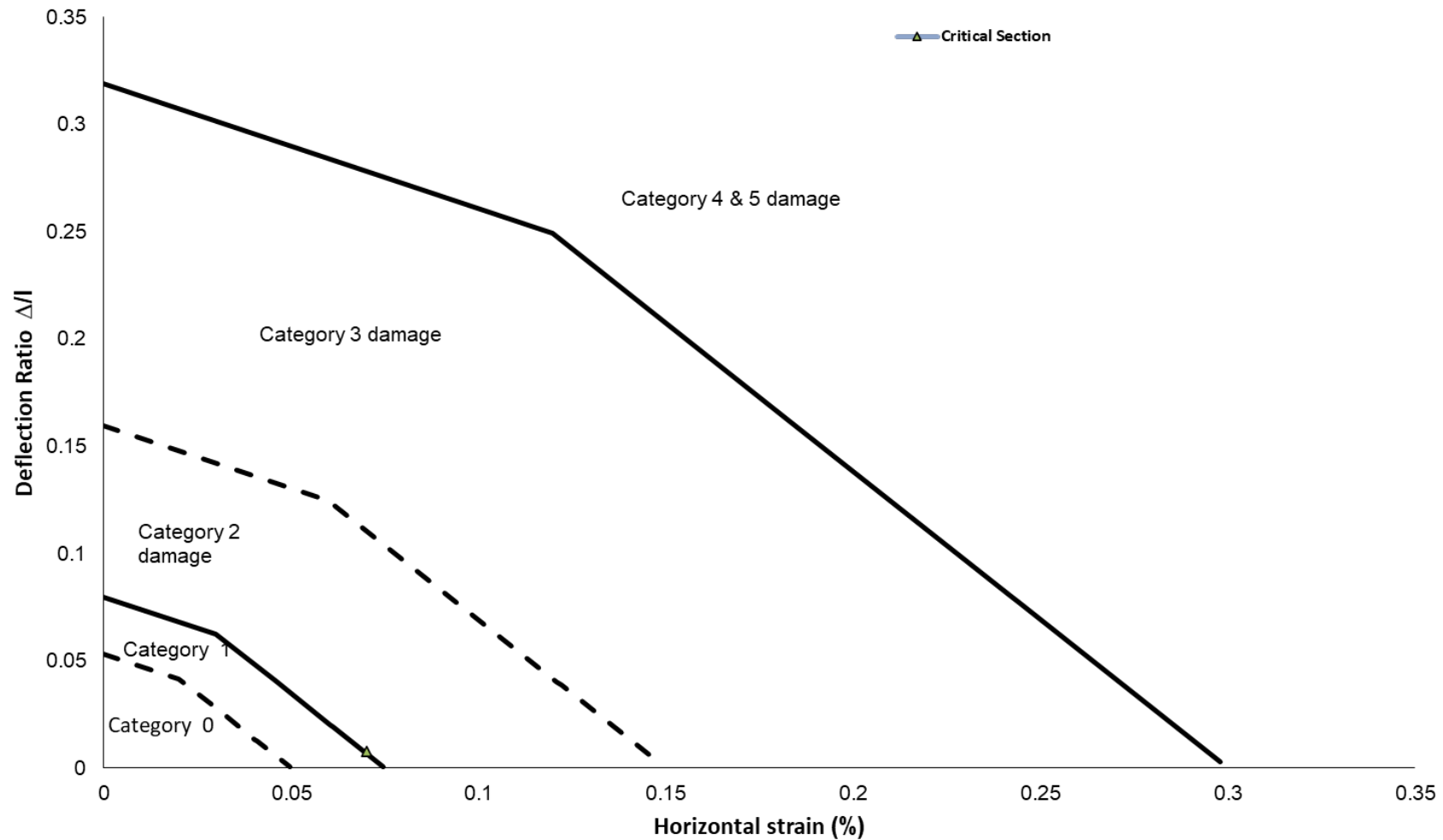
CGE/16435



Title

Combined Cumulative Vertical Movement Section B-BB

Figure 8



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Project

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Job No

CGE/16435



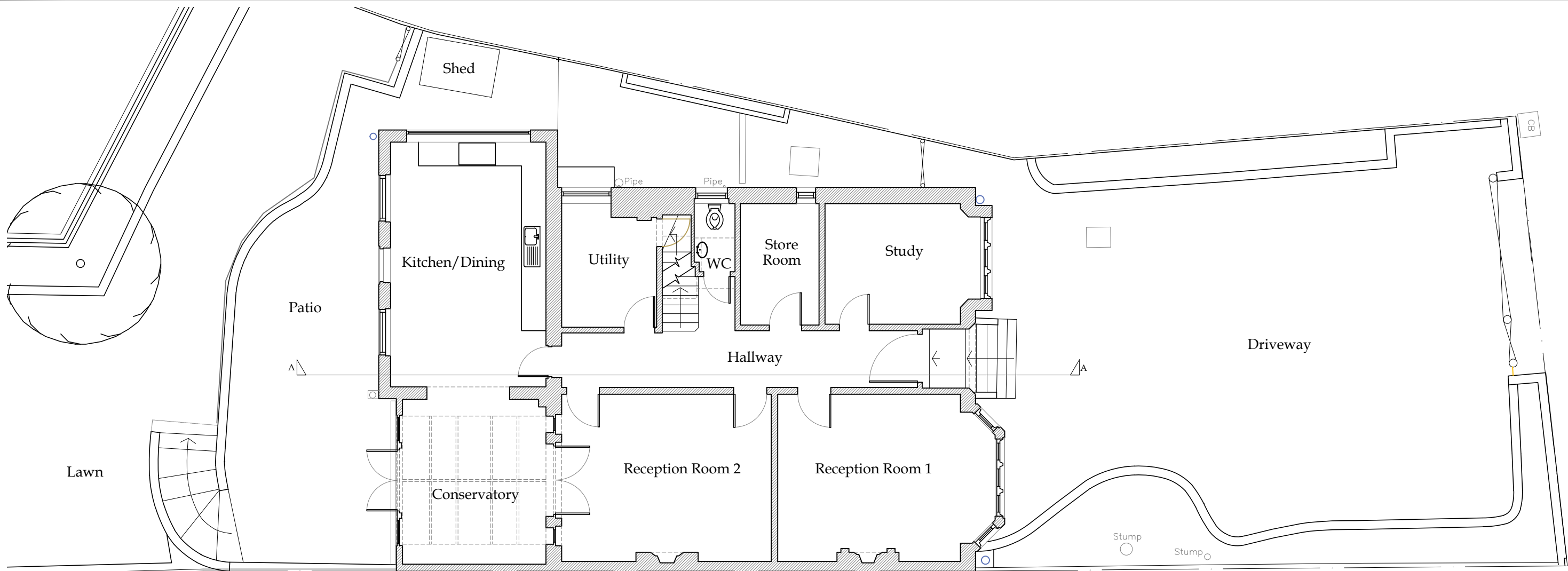
Title

Building Damage Assessment Plot – Mulberry Close

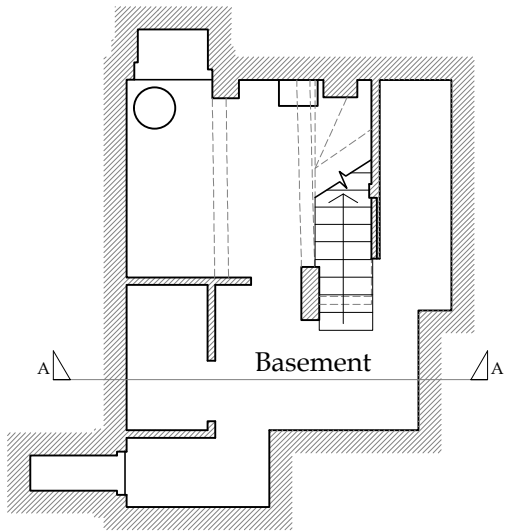
Figure 9

APPENDIX A

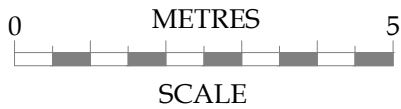
Proposed and Existing Development Plan



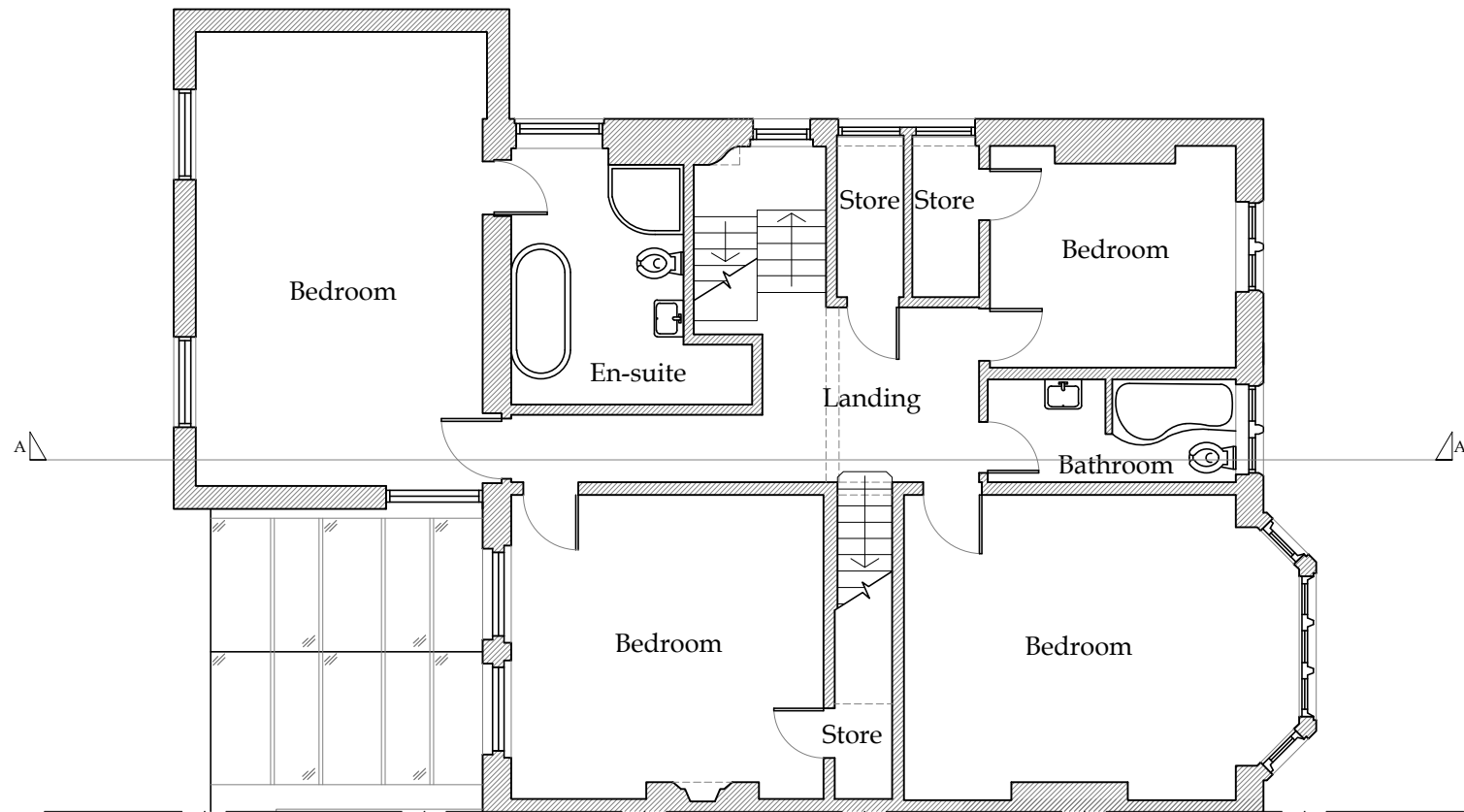
Existing Ground Floor Layout



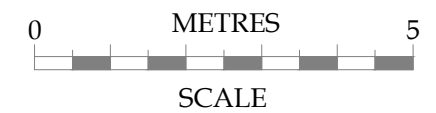
Existing Basement Floor Layout



No.	Date	Amendment	Initials
Client : Simon Lawson Project : 63 Rosslyn Hill London NW3 5UQ Drawing : Existing Basement & Ground Floor Layouts Scale : 1:100 @ A3 Date : 22 Jan 20 Status : PLANNING Dwg No : 2313-100.1 Rev :			
Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS			
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Existing & Proposed First Floor Layout

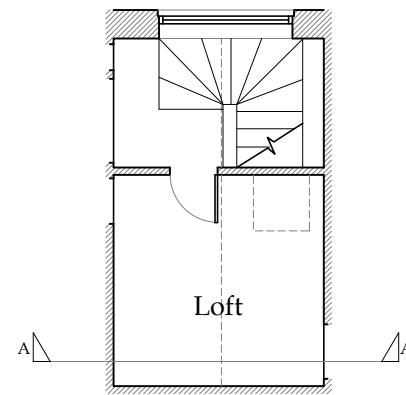


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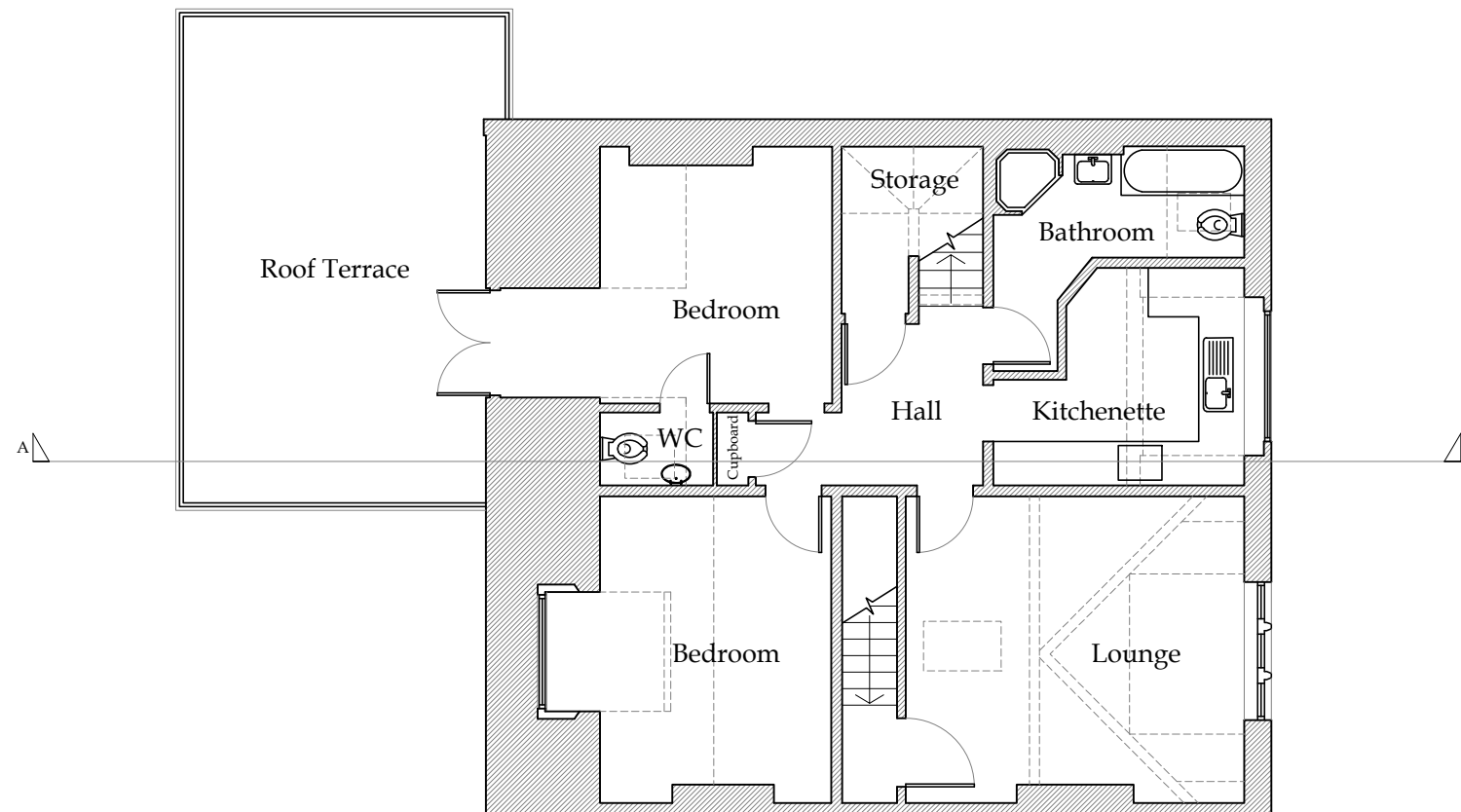
Client : Simon Lawson		Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk
Project : 63 Rosslyn Hill London NW3 5UQ		
Drawing : Existing & Proposed First Floor Layout		
Scale : 1:100 @ A3	Status : PLANNING	Rev :
Date : 22 Jan 20	Dwg No : 2313-101.1	

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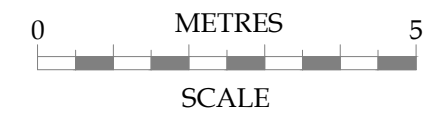




Existing & Proposed Loft Layout



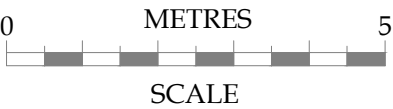
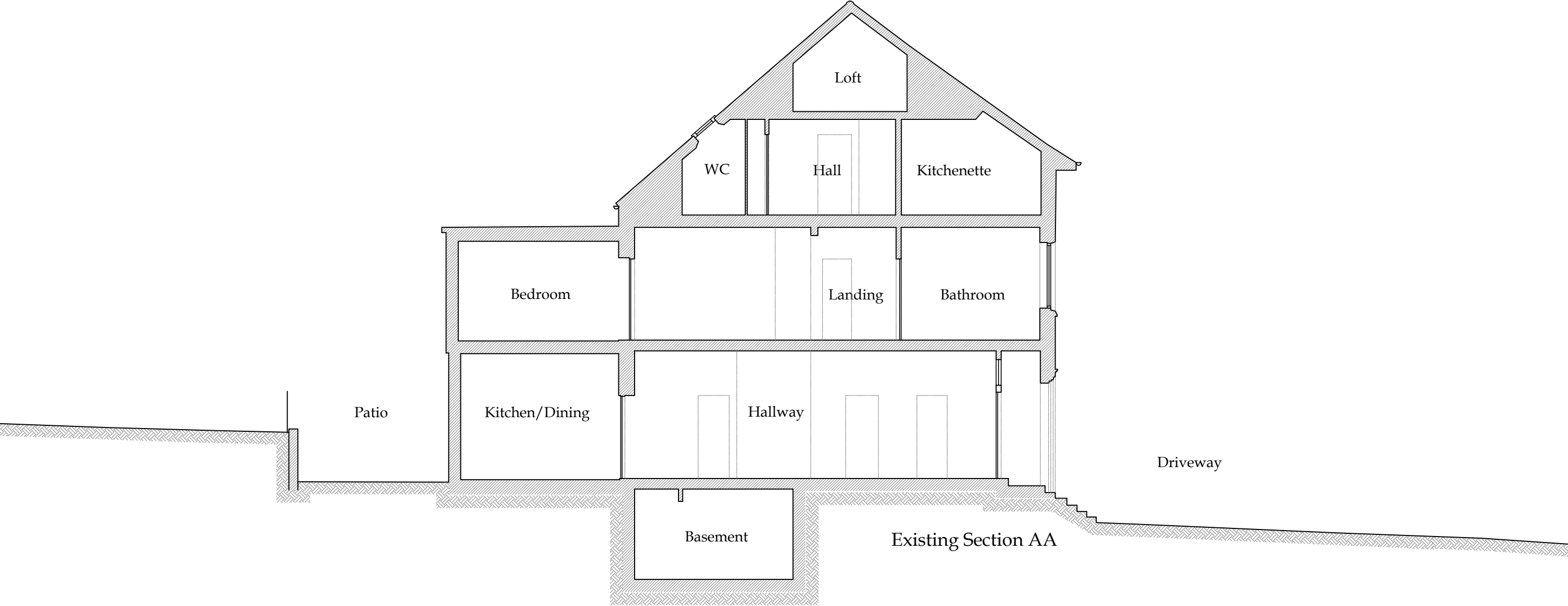
Existing & Proposed Second Floor Layout



No.	Date	Amendment	Initials
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Client :	Simon Lawson	Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk	
Project :	63 Rosslyn Hill London NW3 5UQ		
Drawing :	Existing & Proposed Second & Loft Floor Layouts		
Scale :	1:100 @ A3	Status :	PLANNING
Date :	22 Jan 20	Dwg No :	2313-102.1

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No.	Date	Amendment	Initials
-----	------	-----------	----------

Client : Simon Lawson			Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS CONSTRUCTION 500
Project : 63 Rosslyn Hill London NW3 5UQ			
Drawing : Existing Section AA			
Scale : 1:100 @ A3			
Date : 22 Jan 20	Status : PLANNING	Rev :	
Date : 22 Jan 20	Dwg No : 2313-103.1		

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No.	Date	Amendment	Initials
Client :	Simon Lawson		
Project :	63 Rosslyn Hill London NW3 5UQ		
Drawing :	Existing & Proposed Front Elevation		
Scale :	1:100 @ A3	Status : PLANNING	Rev :
Date :	22 Jan 20	Dwg No: 2313-104.1	

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admin@cranbrook.co.uk
www.cranbrook.co.uk



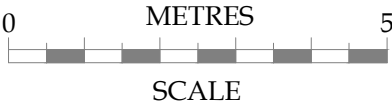
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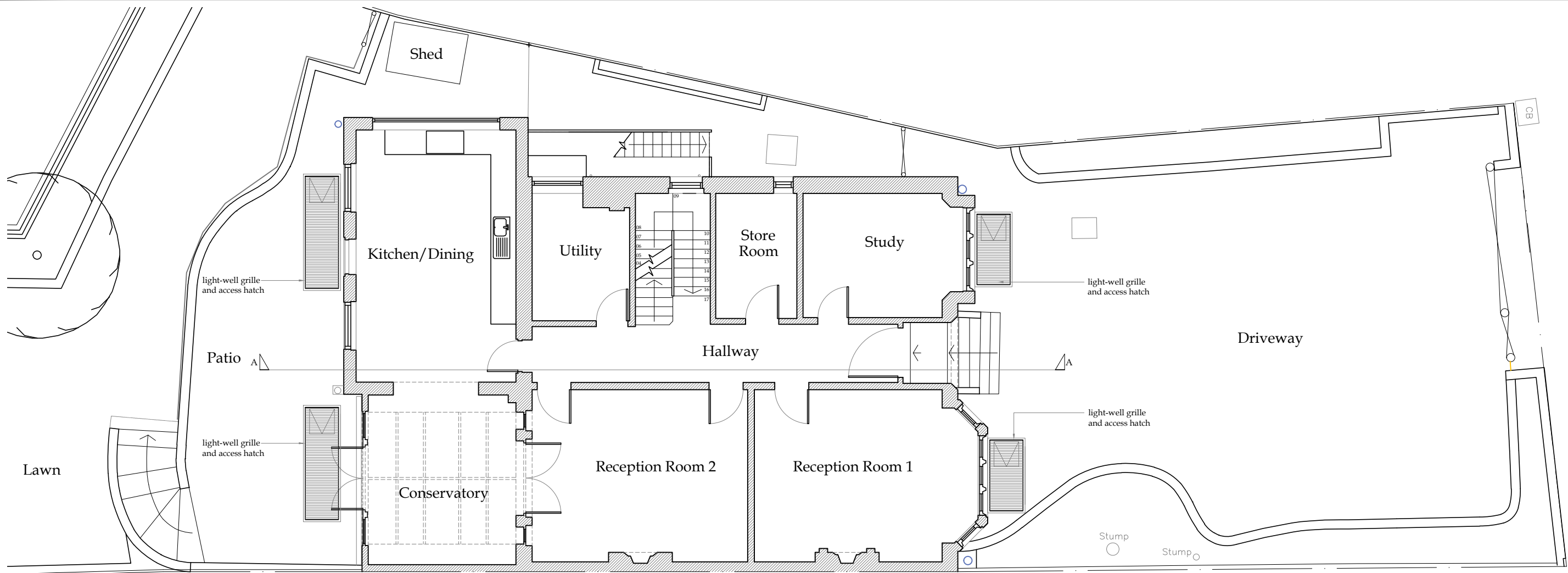
Existing & Proposed Side Elevation



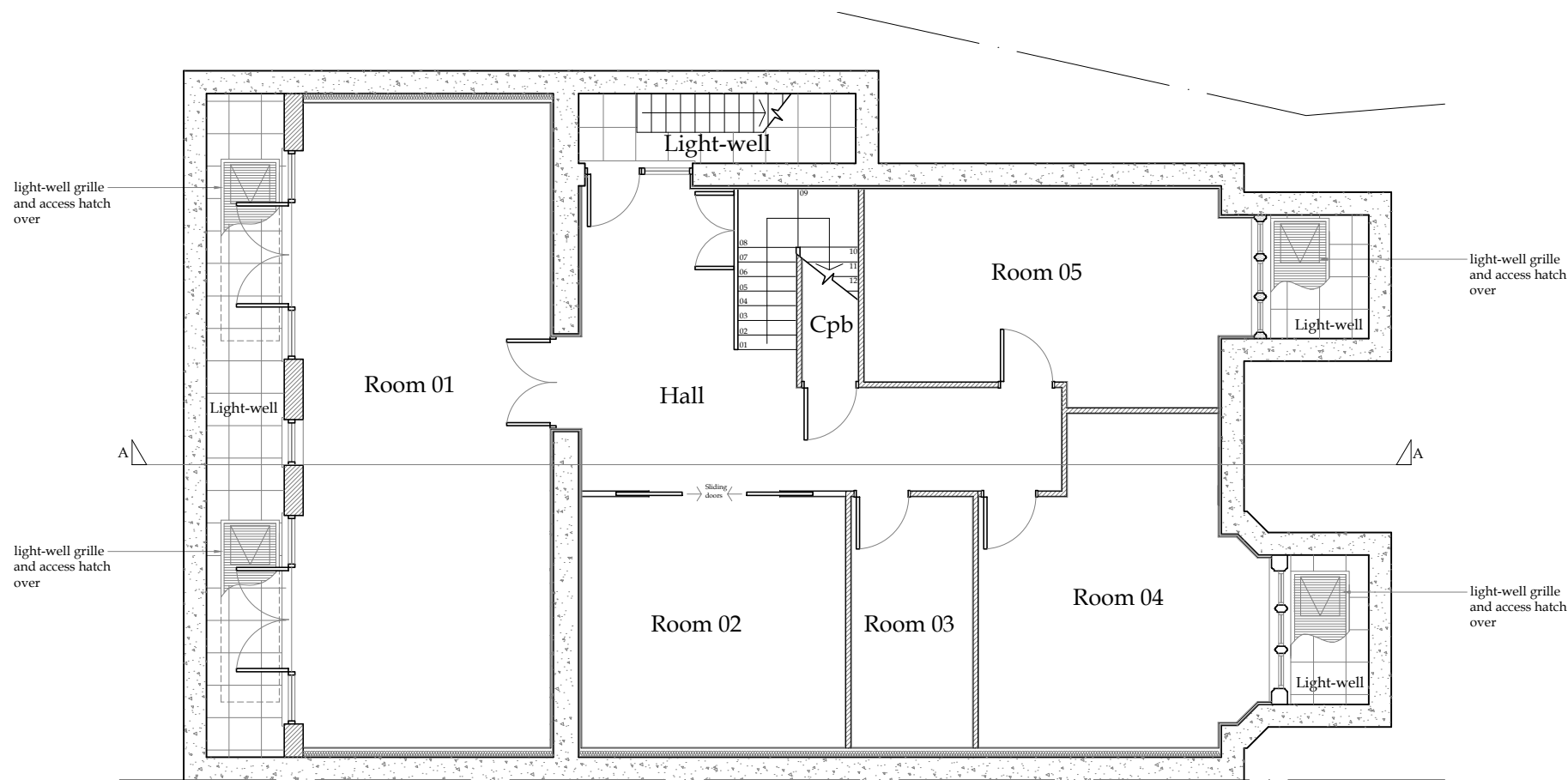
Existing & Proposed Rear Elevation



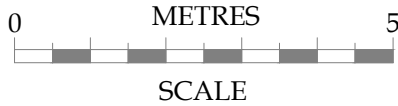
No.	Date	Amendment	Initials
Client : Simon Lawson Project : 63 Rosslyn Hill London NW3 5UQ Drawing : Existing & Proposed Side and Rear Elevations Scale : 1:100 @ A3 Date : 22 Jan 20 Status : PLANNING Dwg No : 2313-105.1 Rev :			
Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS			
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Proposed Ground Floor Layout



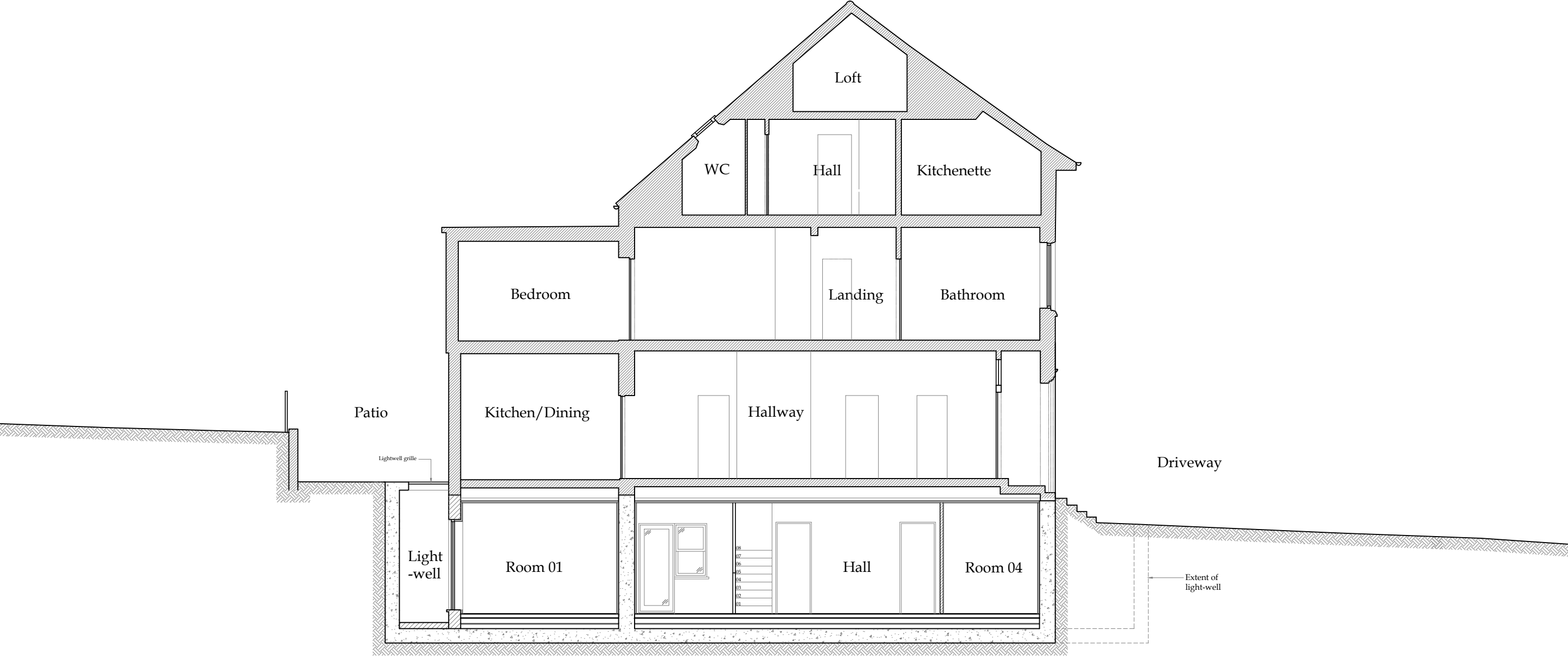
Proposed Basement Floor Layout



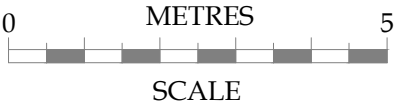
No.	Date	Amendment	Initials
Client : Simon Lawson			
Project : 63 Rosslyn Hill London NW3 5UQ			
Drawing : Proposed Basement & Ground Floor Layouts			
Scale : 1:100 @ A3	Status : PLANNING	Rev :	
Date : 20 Jan 20	Dwg No : 2313-200.1		
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admin@cranbrook.co.uk
www.cranbrook.co.uk



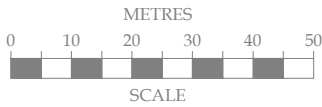
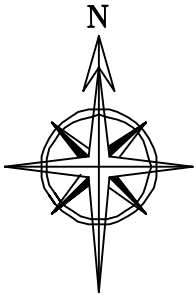
Proposed Section AA



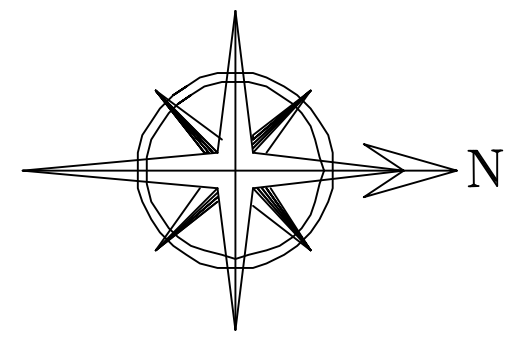
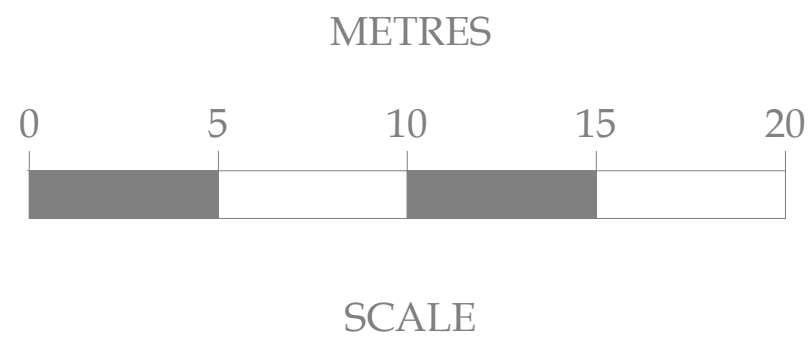
No.	Date	Amendment	Initials
Client : Simon Lawson Project : 63 Rosslyn Hill London NW3 5UQ Drawing : Proposed Section AA Scale : 1:100 @ A3 Date : 20 Jan 20 Status : PLANNING Dwg No : 2313-201.1 Rev : Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS © THIS DRAWING IS THE COPYRIGHT OF CRANBROOK BASEMENTS. It shall not be in any way used or reproduced without their prior written consent. All dimensions are to be checked on site or in the workshop prior to commencing any work. Work only to figured dimensions. Any discrepancies are to be reported to the Architect.			



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No.	Date	Amendment	Initials
Client : Simon Lawson			Cranbrook[®] Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI   UKAS FOUNDATION 063
Project : 63 Rosslyn Hill London NW3 5UQ			
Drawing : Site Layout			
Scale : 1:1250 @ A3		Status : PLANNING	
Date : 05 Dec 19		Dwg No : 2313-500	
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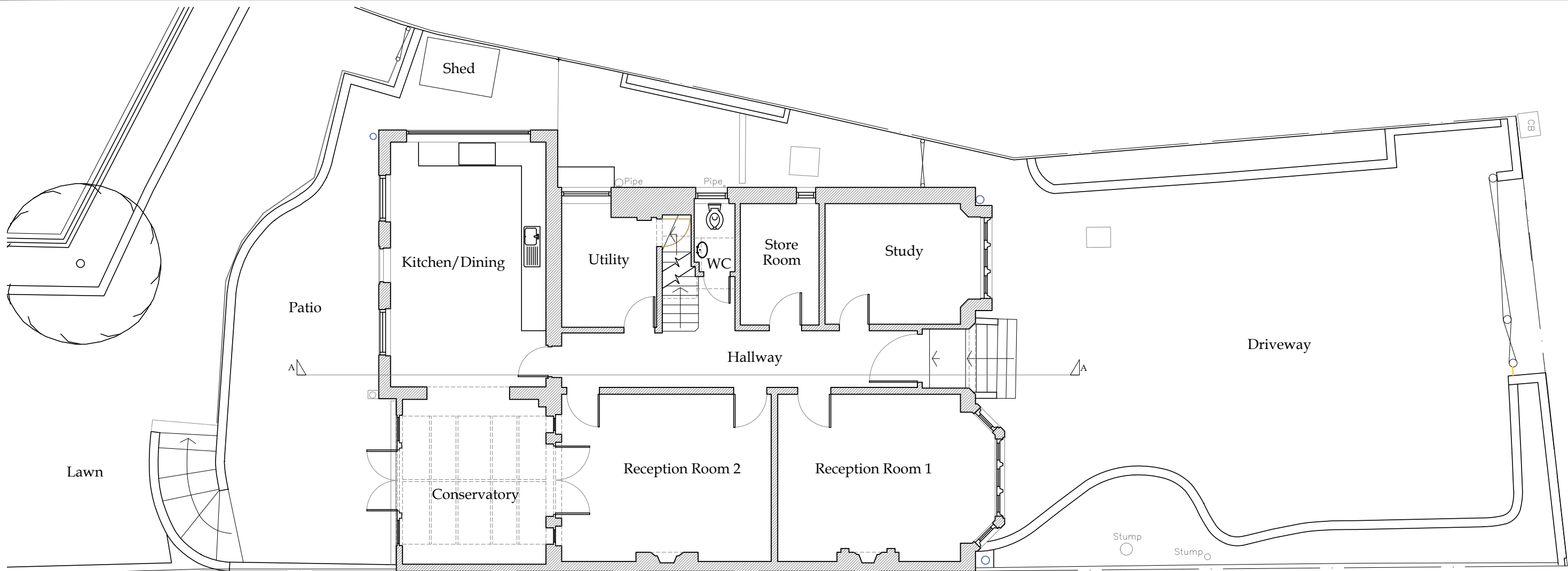


No.	Date	Amendment	Initials

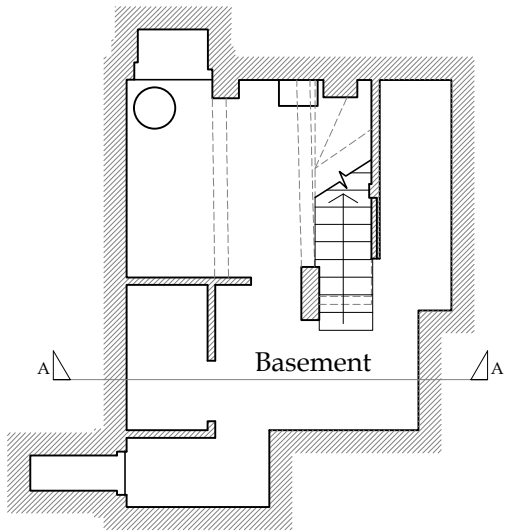
Client : Simon Lawson		Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk	
Project : 63 Rosslyn Hill London NW3 5UQ			
Drawing : Block Plan			
Scale : 1:200 @ A3	Status : PLANNING	Rev :	
Date : 05 Dec 19	Dwg No : 2313-501		

BSI UKAS

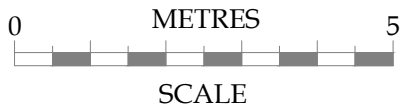
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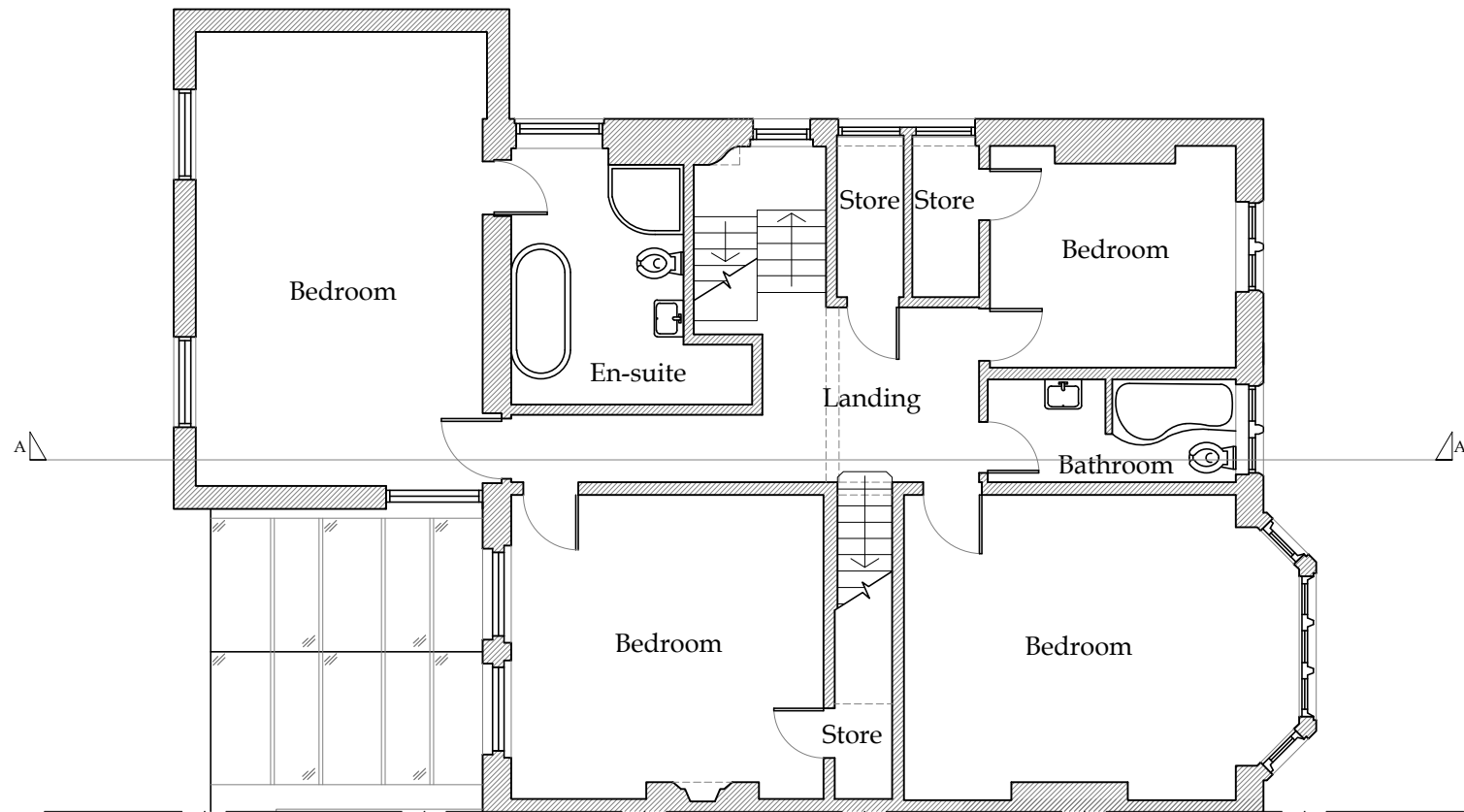
Existing Ground Floor Layout



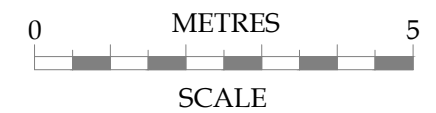
Existing Basement Floor Layout



No.	Date	Amendment	Initials
Client : Simon Lawson Project : 63 Rosslyn Hill London NW3 5UQ Drawing : Existing Basement & Ground Floor Layouts Scale : 1:100 @ A3 Date : 22 Jan 20 Status : PLANNING Dwg No : 2313-100.1 Rev :			
Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS			
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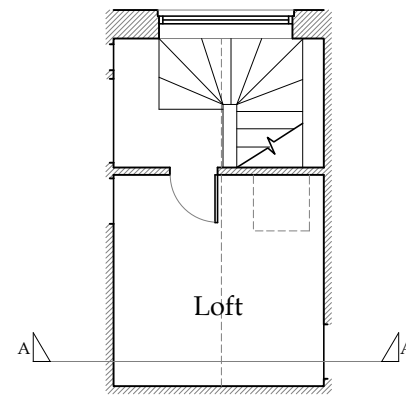
Existing & Proposed First Floor Layout



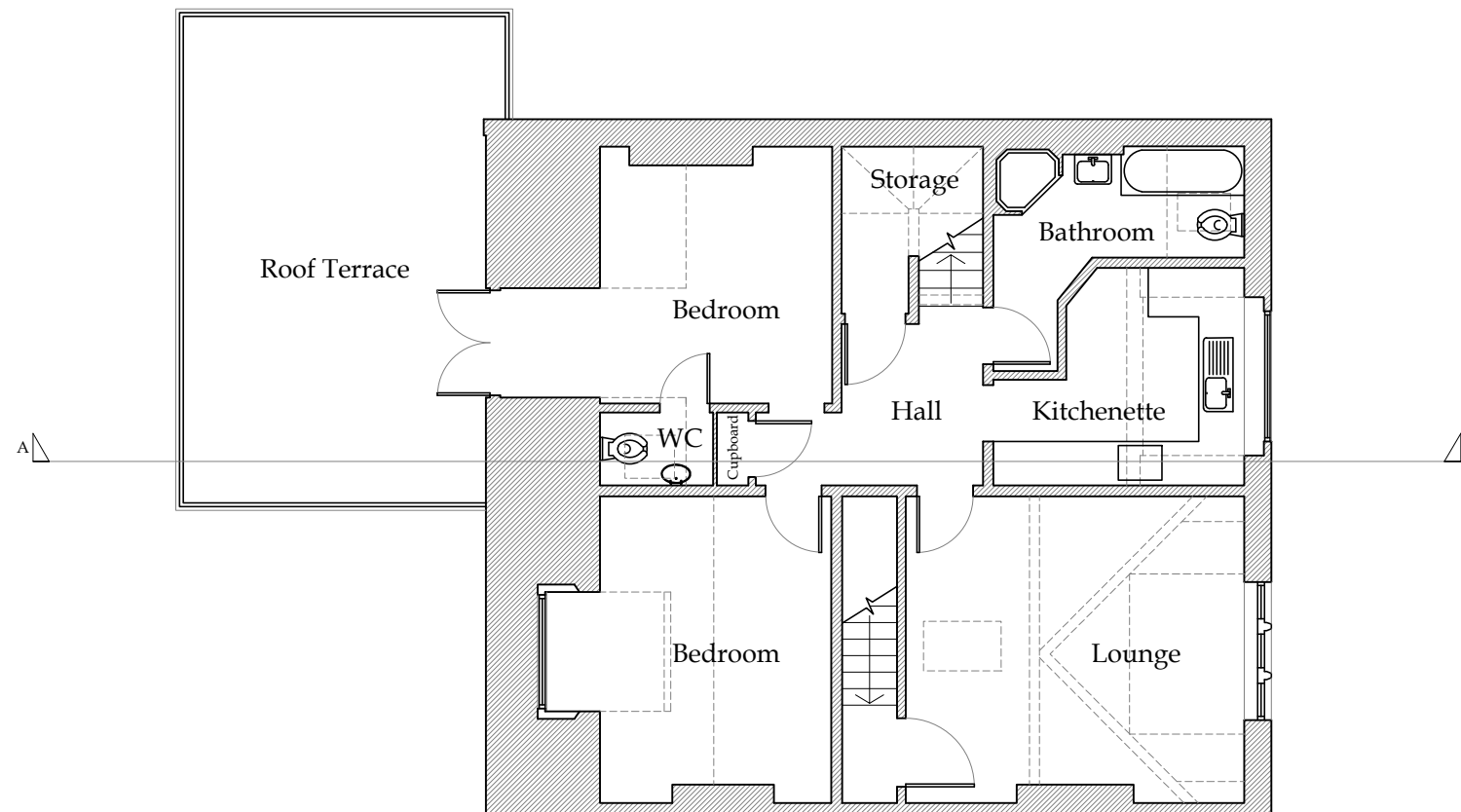
No.	Date	Amendment	Initials
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Client : Simon Lawson		Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk
Project : 63 Rosslyn Hill London NW3 5UQ		
Drawing : Existing & Proposed First Floor Layout		
Scale : 1:100 @ A3	Status : PLANNING	Rev :
Date : 22 Jan 20	Dwg No : 2313-101.1	

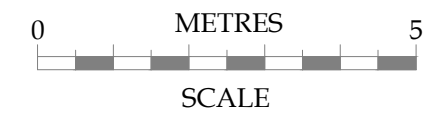
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Existing & Proposed Loft Layout



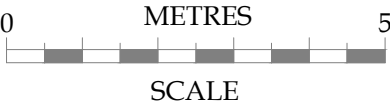
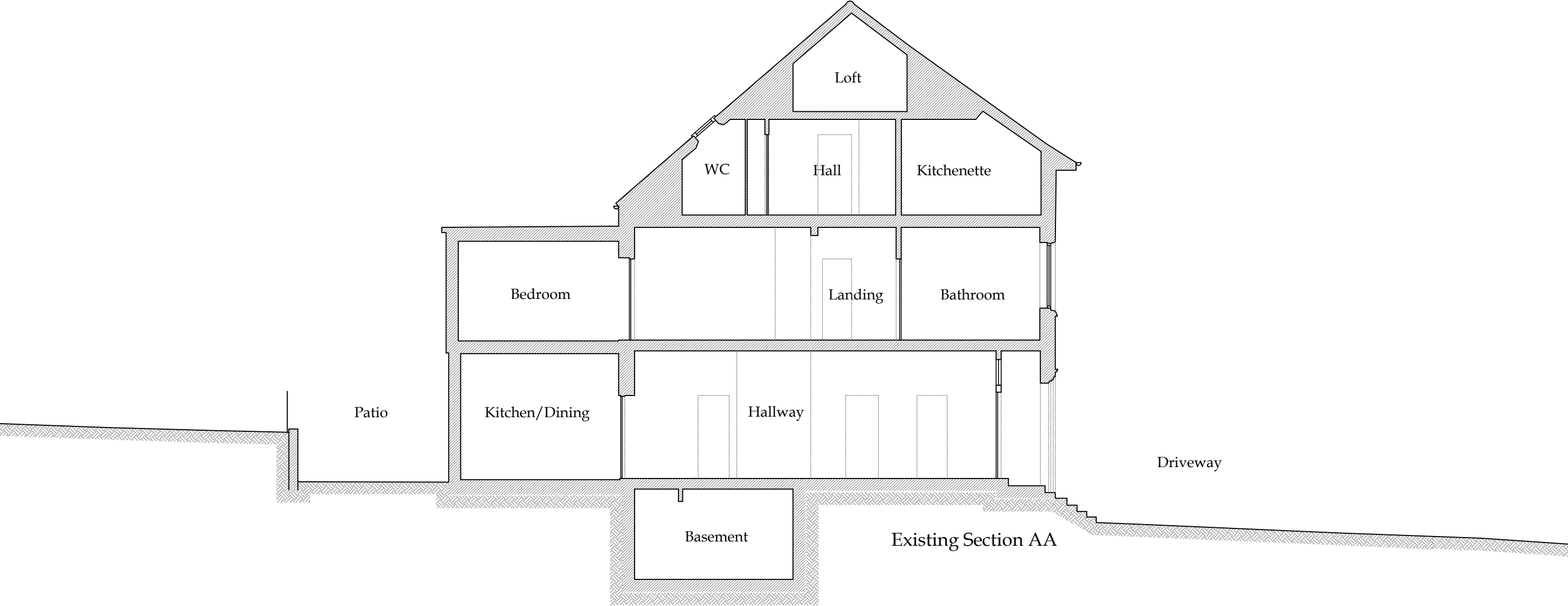
Existing & Proposed Second Floor Layout



No.	Date	Amendment	Initials
-----	------	-----------	----------

Client :	Simon Lawson	Cranbrook[®] Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk	
Project :	63 Rosslyn Hill London NW3 5UQ		
Drawing :	Existing & Proposed Second & Loft Floor Layouts		
Scale :	1:100 @ A3	Status :	PLANNING
Date :	22 Jan 20	Dwg No :	2313-102.1

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No.	Date	Amendment	Initials
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Client : Simon Lawson			Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS CONSTRUCTION 500
Project : 63 Rosslyn Hill London NW3 5UQ			
Drawing : Existing Section AA			
Scale : 1:100 @ A3			
Status : PLANNING		Rev :	
Date : 22 Jan 20	Dwg No : 2313-103.1		

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No.	Date	Amendment	Initials
Client :	Simon Lawson		
Project :	63 Rosslyn Hill London NW3 5UQ		
Drawing :	Existing & Proposed Front Elevation		
Scale :	1:100 @ A3	Status : PLANNING	Rev :
Date :	22 Jan 20	Dwg No: 2313-104.1	
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admin@cranbrook.co.uk
www.cranbrook.co.uk

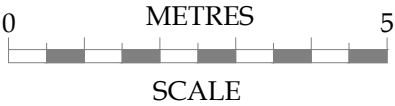




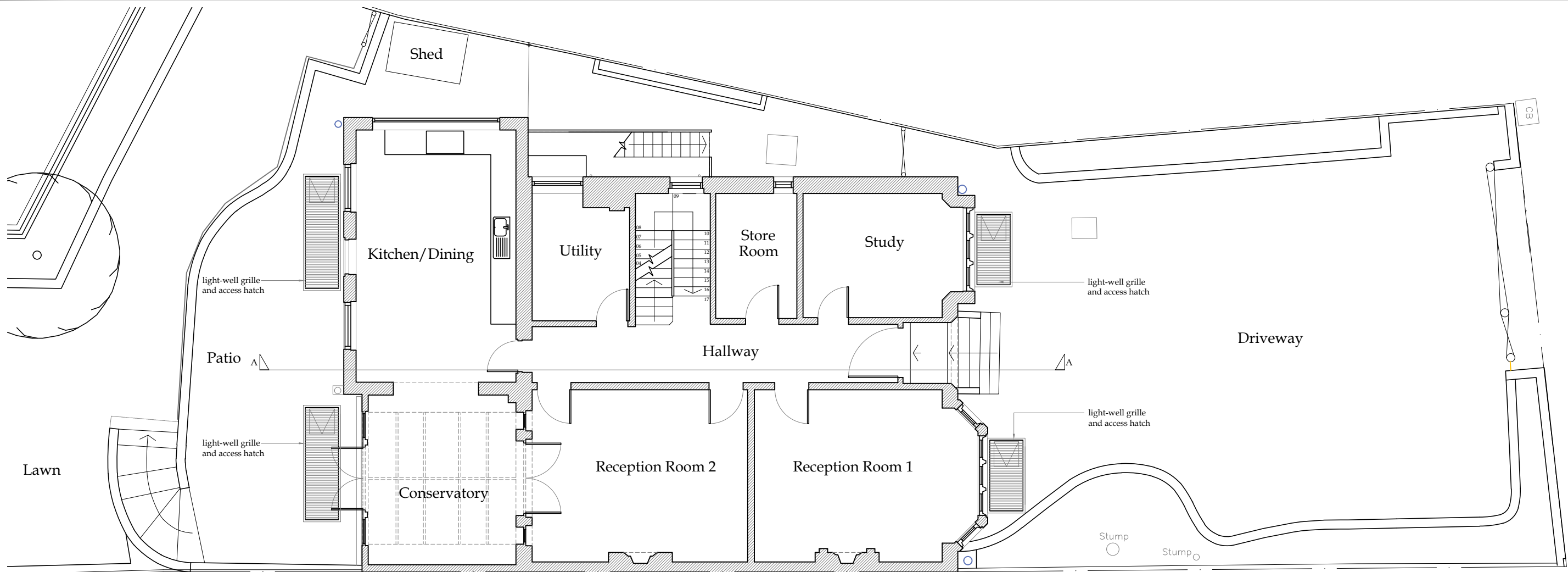
Existing & Proposed Side Elevation



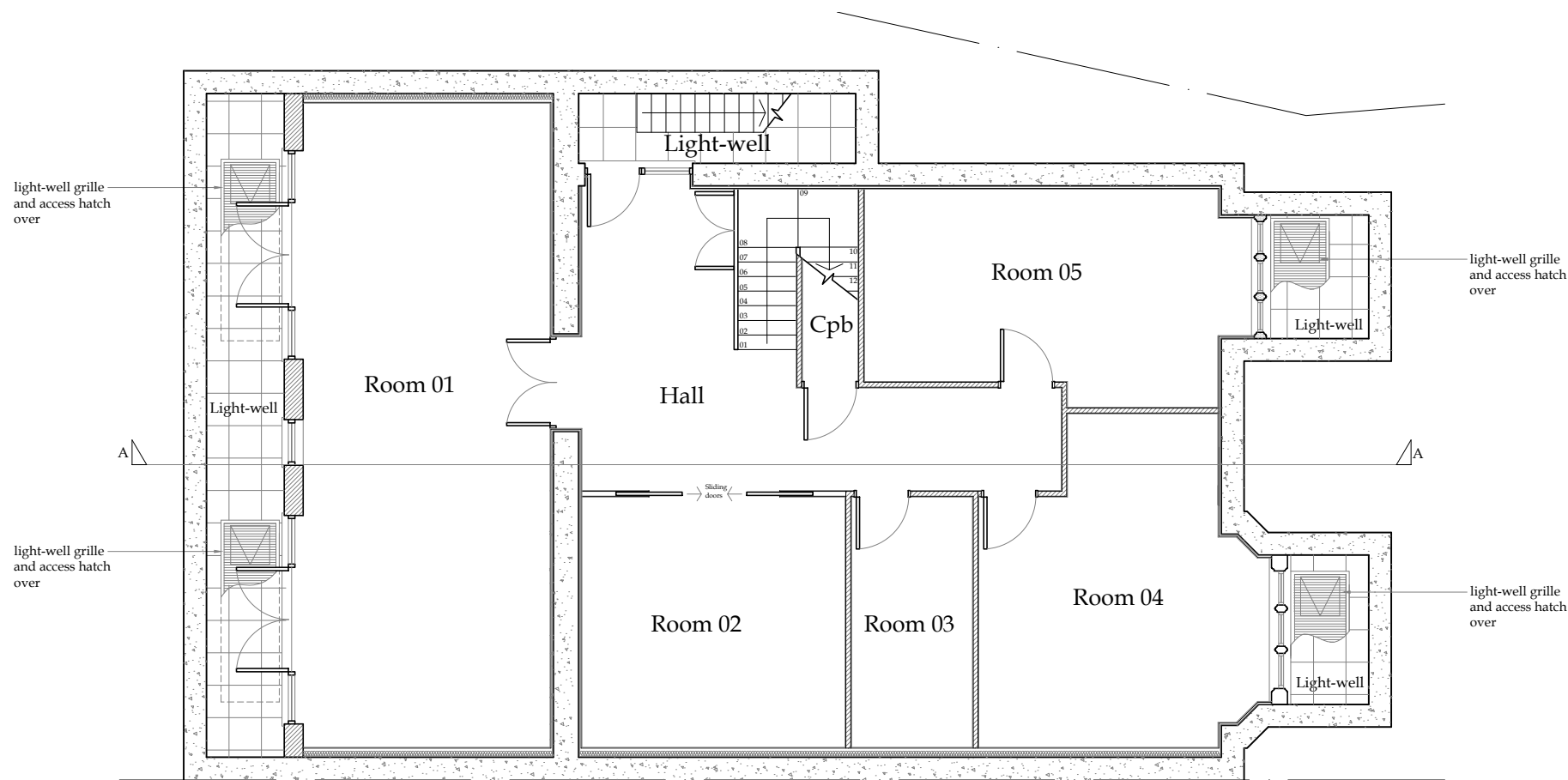
Existing & Proposed Rear Elevation



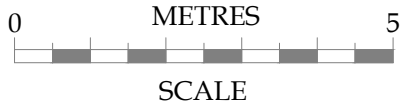
No.	Date	Amendment	Initials
Client : Simon Lawson Project : 63 Rosslyn Hill London NW3 5UQ Drawing : Existing & Proposed Side and Rear Elevations Scale : 1:100 @ A3 Date : 22 Jan 20 Status : PLANNING Dwg No : 2313-105.1 Rev :			
Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk BSI UKAS			
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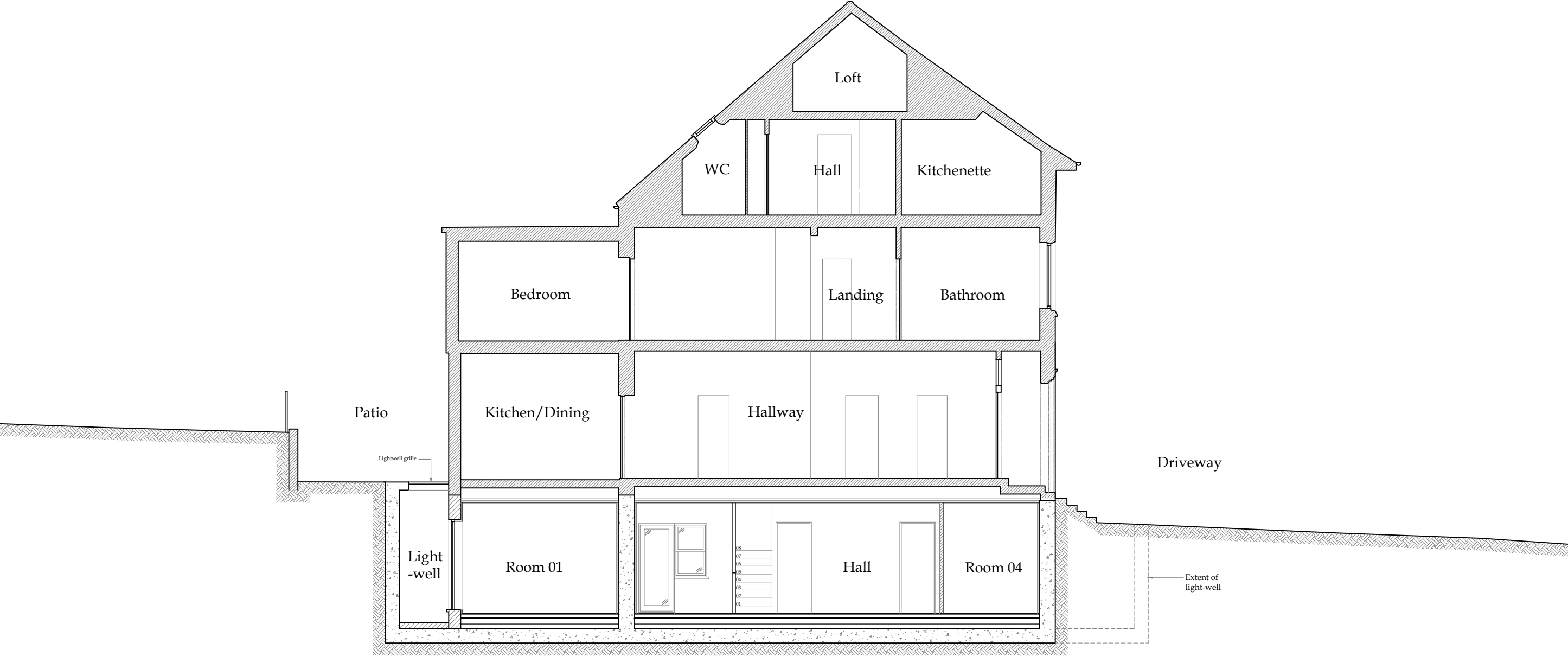
Proposed Ground Floor Layout



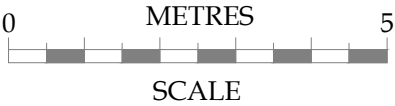
Proposed Basement Floor Layout



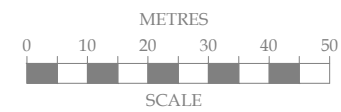
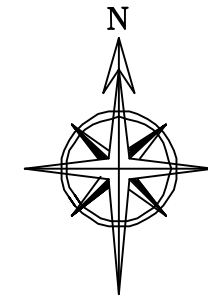
No.	Date	Amendment	Initials
Client : Simon Lawson Project : 63 Rosslyn Hill London NW3 5UQ Drawing : Proposed Basement & Ground Floor Layouts Scale : 1:100 @ A3 Date : 20 Jan 20 Status : PLANNING Dwg No : 2313-200.1 Rev :			
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Proposed Section AA



No.	Date	Amendment	Initials
Client :		Simon Lawson	
Project :		63 Rosslyn Hill London NW3 5UQ	
Drawing :		Proposed Section AA	
Scale :	1:100 @ A3	Status :	PLANNING
Date :	20 Jan 20	Dwg No :	2313-201.1
		Rev :	
		Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk 	
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No.			Date	Amendment	Initials
Client :			Simon Lawson		
Project :			63 Rosslyn Hill London NW3 5UQ		
Drawing :			Site Layout		
Scale :		1:1250 @ A3		Status :	PLANNING
Date :		05 Dec 19		Dwg No :	2313-500
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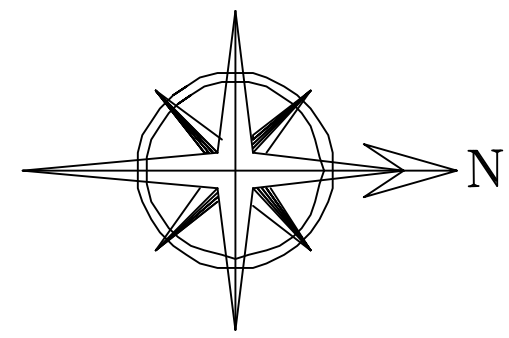
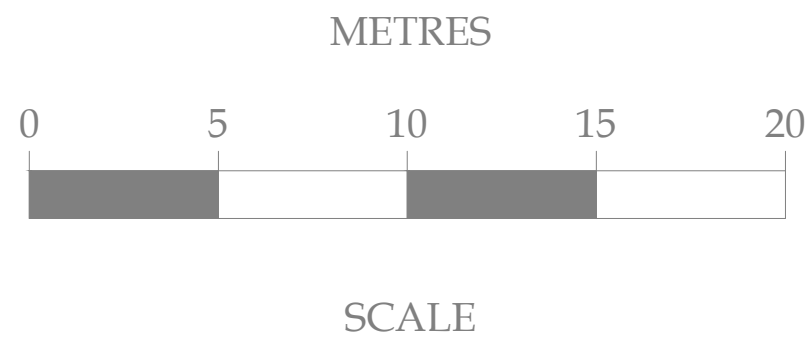
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admin@cranbrook.co.uk
www.cranbrook.co.uk

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No.	Date	Amendment	Initials

Client : Simon Lawson		Cranbrook® Basement design & construction Cranbrook Basements 26-28 Hammersmith Grove, Hammersmith, London, W7 7BA T +44 (0)208 551 5555 F +44 (0)208 551 1580 admin@cranbrook.co.uk www.cranbrook.co.uk	
Project : 63 Rosslyn Hill London NW3 5UQ			
Drawing : Block Plan			
Scale : 1:200 @ A3	Status : PLANNING	Rev :	
Date : 05 Dec 19	Dwg No : 2313-501		

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APPENDIX B

Fastrack Site Investigation Report



Geotechnical Survey Report

FSI Ref: 20318
Issue Date: January 2020

Risk Address: 63 Rosslyn Hill
Camden
London
NW3 5UQ

Engineer: David Kavanagh

Company: Cranbrook Basement Design and Construction Ltd

Managing Director:
Finance Director:

Martin Rush MSc FGS
Louise Ayres BSc (Hons)

Geotechnical Compliance &
Logistics Supervisor:

Perry Martin MCIHT

Laboratory Supervisor:

Jade McLellan

Assistant Geologists:

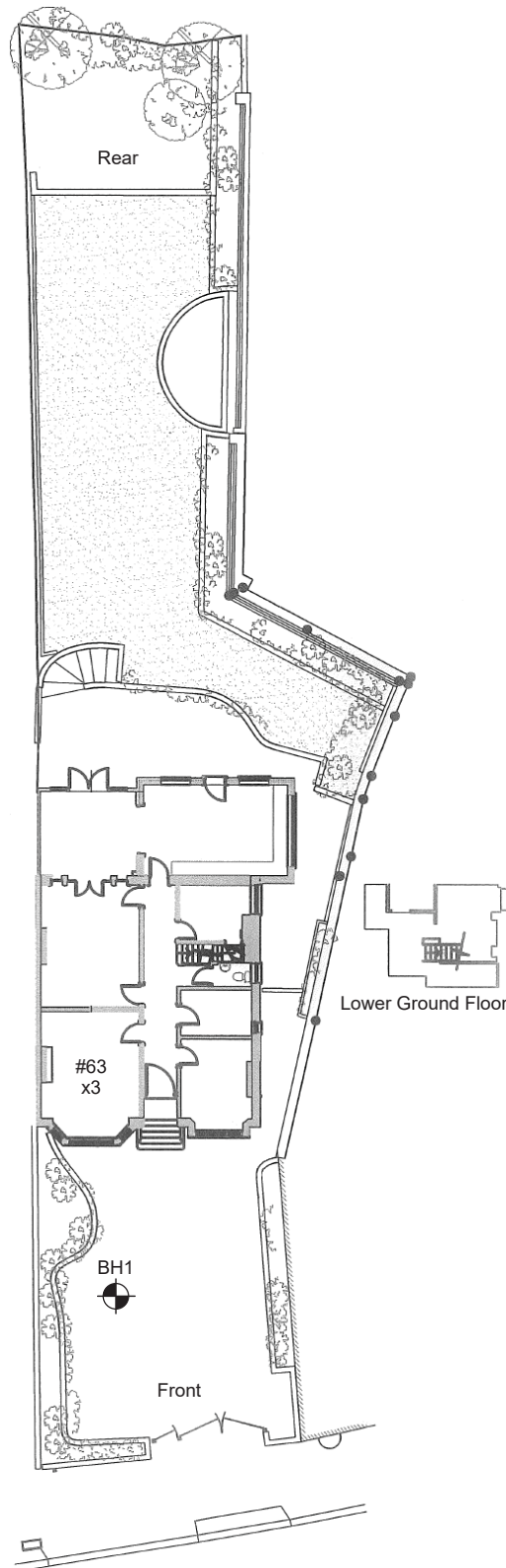
George Baron BSc (Hons) FGS
Scott Parker BSc (Hons) FGS

SITE PLAN

Property Address: 63 Rosslyn Hill, Camden, London NW3 5UQ

Survey date: 17/12/2019

Operative: SE1



Scale:

NTS

Drawn by:

GB

Key:

 Trial Pit

 Borehole



Manholes

 Rain Water Pipe

 Soil & Vent Pipe

 Surface Water Gully

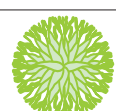
 Foul Water Gully



Shrub



Tree (Conifer)



Tree (Deciduous)



Fastrack Site Investigations Ltd
Unit 9, Tyndales Farm
Southend Road
Maldon CM9 6TQ

Borehole Log

Borehole No.

BH1

Sheet 1 of 1

Project Name: 63 Rosslyn Hill

Project No.
20318

Site Date: 17/12/2019

Hole Type
BH

Location: Camden, London NW3 5UQ

Scale
1:45

Client: Cranbrook Basement Design and Construction Ltd

Logged By
SE1

Water Strikes	Sample and In Situ Testing			Depth (m)	Legend	Stratum Description	
	Depth (m)	Type	Results				
				0.07		Block PAVING	
				0.17		Sand FILL	
						Dark Brown Silty Clayey MADE GROUND containing Brick and Gravel	
	1.00	D	V (kPa) = 64 V (kPa) = 70	0.70		Mid Brown Silty Sandy Clayey MADE GROUND containing Brick and Gravel	1
				1.60		Dark Brown/Grey Silty CLAY	
	2.00	D	V (kPa) = 94 V (kPa) = 98				2
	3.00	D	V (kPa) = 108 V (kPa) = 110				3
	4.00	D	V (kPa) = 120 V (kPa) = 122				4
	5.00	D	V (kPa) = 128 V (kPa) = 132				5
				5.40		Grey CLAY	
	6.00	D	V (kPa) = 140				6
	7.00	D	V (kPa) = 140				7
	8.00	D	V (kPa) = 140	8.00		End of Borehole at 8.000m	8
							9

Key: D - Disturbed Sample V - Insitu Vane Test MP - Mackintosh Probe Test

Remarks: Borehole closed at 8.00m.

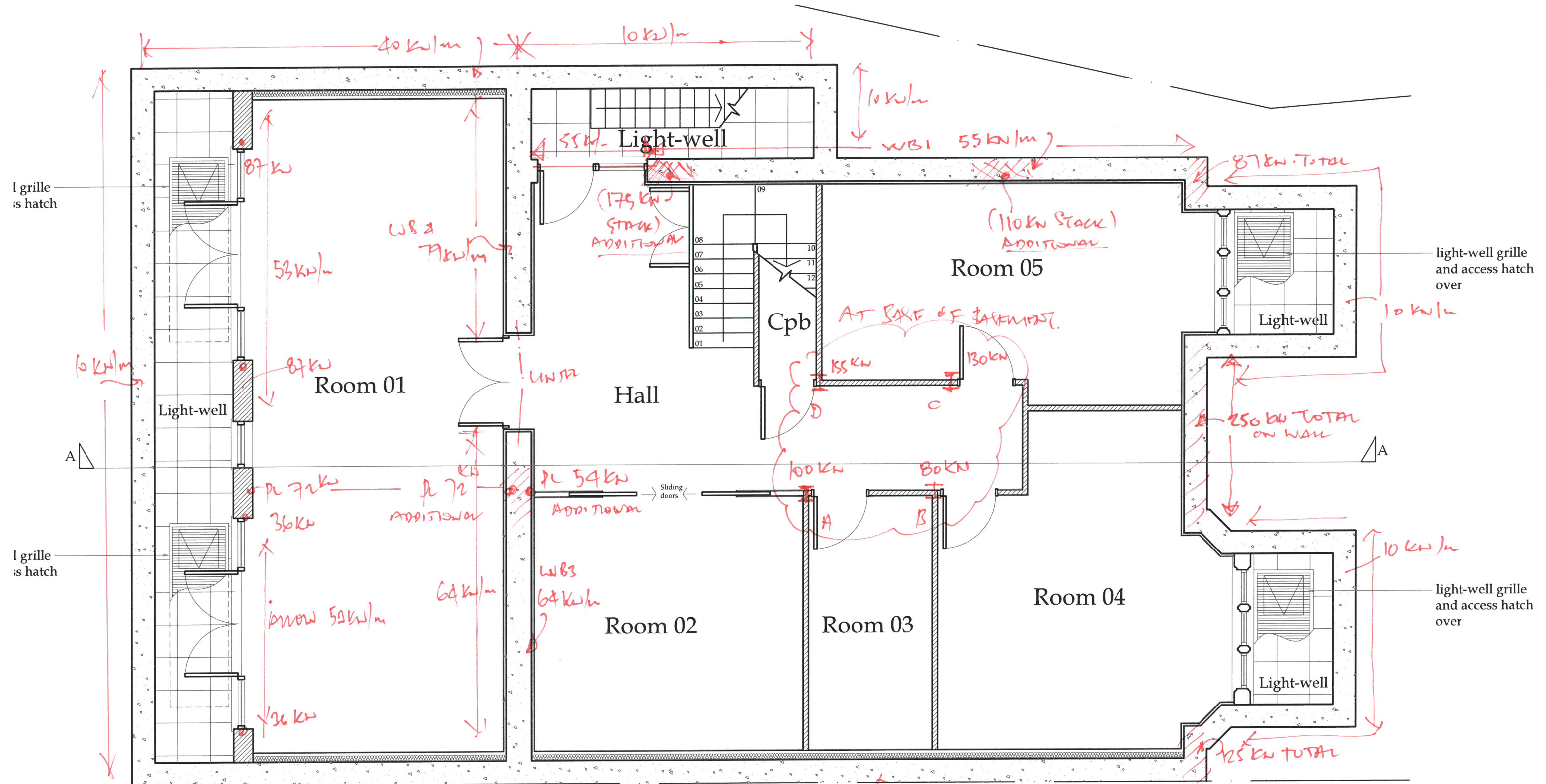


APPENDIX C

Structural Loadings

Note
 SU WADS SHOW TO TOP OF SLAB &
 WAW EXCL. SELF WT OF BALTIMENT.

Proposed Ground Floor Layout



Proposed Basement Floor Layout

AS-BUILT

BASEMENT DL + LL (SERVICE) UN-FACTORED
 63 Rosslyn Hill

HORWITZ ASSOCIATES

Civil & Structural Consulting Engineers

Sheet No. BL/L/1

Job No. 7922

Engineer. R

Date. FEB 2011

APPENDIX D

PDisp Outputs



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -30.00 [m OD]
Stiffness for horizontal displacement calculations: Weighted average
Using legacy heave correction factor: No
Displacements at load centroids: Yes

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus	Poissons ratio	Non-linear curve
	[mOD]		Top [kN/m ²]	Btm [kN/m ²]	
1	0.0	5	10000.	10000.	0.20000 None
2	-1.6000	10	54000.	84000.	0.50000 None
3	-7.0000	25	84000.	84000.	0.50000 None

Soil Zones

Zone	Name	X coordinates min max	Y coordinates min max	Profile
1	Zone 1	5.00000 40.00000	0.00000 35.53000	Soil Profile 1

Non-linear Curve Coordinates - Non-linear Curve 1

Point Strain Factor
[%]

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global)			Load position Angle of local x from	Width x or Radius	Length y	Polygon Coordinates	Rectangle tolerance	Number of rectangles	Load value		
				X	Y	Z (level)	[Degrees]	[m]	[m]	[m]			Normal (local z)	Tangential (local x)	(local y)
				[m]	[m]	[m]					[%]		[kN/m ²]	[kN/m ²]	[kN/m ²]
1	A	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,20.9) (15.7,20.9) (15.7,19.4) (10,19.4)	10.000	1	40.000	N/A	N/A
2	B	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(16.1,20.9) (20.7,20.9) (20.7,19.5) (16.1,19.5)	10.000	1	10.000	N/A	N/A
3	C	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(17.8,19.5) (26.3,19.5) (26.3,18) (17.8,18)	10.000	1	10.000	N/A	N/A
4	D	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,20.9) (16.7,20.9) (16.7,16.8) (15.7,16.8)	10.000	1	79.000	N/A	N/A
5	E	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(17.8,19.5) (26.3,19.5) (26.3,18) (17.8,18)	10.000	1	55.000	N/A	N/A
6	F	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(26.3,19.1) (28.6,19.1) (28.6,18) (26.3,18)	10.000	1	87.000	N/A	N/A
7	G	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(27.6,18) (28.6,18) (28.6,17.5) (27.6,17.5)	10.000	1	10.000	N/A	N/A
8	H	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(25.8,17.5) (28.6,17.5) (28.6,16.4) (25.8,16.4)	10.000	1	10.000	N/A	N/A
9	I	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(24.8,16.8) (26.3,16.8) (26.3,13.8) (24.8,13.8)	10.000	1	250.00	N/A	N/A
10	J	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(25.8,13.8) (28.6,13.8) (28.6,12.8) (25.8,12.8)	10.000	1	125.00	N/A	N/A
11	K	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(27.1,12.8) (28.6,12.8) (28.6,11.9) (27.1,11.9)	10.000	1	10.000	N/A	N/A
12	L	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(27.1,12.8) (28.6,12.8) (28.6,11.9) (27.1,11.9)	10.000	1	125.00	N/A	N/A
13	M	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,10.4) (26.3,10.4) (26.3,10) (10,10)	10.000	1	0.0	N/A	N/A
14	N	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,19.4) (11.5,19.4) (11.5,10.4) (10,10.4)	10.000	1	10.000	N/A	N/A
15	O	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,15.4) (16.6,15.4) (16.6,10.4) (15.7,10.4)	10.000	1	64.000	N/A	N/A
16	PL1	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,20.6) (12.6,20.6) (12.6,19.6) (11.6,19.6)	10.000	1	87.000	N/A	N/A
17	PL2	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,16.5) (12.6,16.5) (12.6,15.5) (11.6,15.5)	10.000	1	87.000	N/A	N/A
18	PL3	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,15) (12.6,15) (12.6,14) (11.6,14)	10.000	1	108.00	N/A	N/A
19	PL4	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,11.4) (12.6,11.4) (12.6,10.4) (11.6,10.4)	10.000	1	36.000	N/A	N/A
20	PL5	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,15.4) (16.6,15.4) (16.6,14.4) (15.7,14.4)	10.000	1	126.00	N/A	N/A
21	PL6	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,15.4) (17.8,19.5) (18.8,19.5) (18.8,18.5) (17.8,18.5) (17.8,19.5)	10.000	1	175.00	N/A	N/A
22	PL7	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(22,19.5) (23,19.5) (23,18.5) (22,18.5) (22,19.5)	10.000	1	110.00	N/A	N/A
23	C1	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(19.9,16.6) (20.9,16.6) (20.9,15.6) (19.9,15.6)	10.000	1	155.00	N/A	N/A
24	C2	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(21.7,16.6) (22.7,16.6) (22.7,15.6) (21.7,15.6)	10.000	1	130.00	N/A	N/A
25	C3	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(19.7,14.9) (20.7,14.9) (20.7,13.9) (19.7,13.9)	10.000	1	100.00	N/A	N/A
26	C4	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(21.7,14.9) (22.7,14.9) (22.7,13.9) (21.7,13.9)	10.000	1	80.000	N/A	N/A
27	DIG	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,10) (10,20.9) (16.1,20.9) (16.1,15.4) (20.7,15.4) (20.7,19.5) (26.3,19.5) (26.3,18.1) (28.6,19.1) (28.6,16.4) (26.3,14.2) (26.7,13.8) (28.6,13.8) (28.6,10.8) (26.7,10.8) (26.4,10.5) (26.4,10) (10,10)	10.000	7	-80.000	N/A	N/A
28	DIG2	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(16.1,20.9) (20.7,20.9) (20.7,15.4) (16.1,15.4) (16.1,20.9)	10.000	1	-25.000	N/A	N/A
29	SLAB	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10.4,10.4) (10.4,20.6) (20.4,20.6) (20.4,19.1) (26,19.1) (26,18.7) (28.3,18.7) (28.3,16.8) (25.9,16.8) (26,13.8) (26.3,13.8) (26.6,13.4) (28.3,13.4) (28.3,11.2) (26.6,11.2) (26.2,10.9) (26,10.9) (26,10.4) (10.4,10.4)	10.000	6	15.800	N/A	N/A

Polygonal Loads' Rectangles

No.	Centre of load X	Y	Angle of local x from global X [Degrees]	Width x	Depth y
	[m]	[m]		[m]	[m]
Load 1 : A (Edge 2 optimal)					
1	12.83000	20.18000	0.0	5.6600	1.5000
Load 2 : B (Edge 2 optimal)					
1	18.42500	20.21500	0.0	4.5700	1.4300
Load 3 : C (Edge 2 optimal)					
1	22.09000	18.75000	0.0	8.5000	1.5000
Load 4 : D (Edge 2 optimal)					
1	16.16000	18.87500	0.0	1.0000	4.1100
Load 5 : E					



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Job No.	Sheet No.	Rev.
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Made by SJM	Date	Checked

No.	Centre of load X	Centre of load Y	Angle of local x from global X	Width x	Depth y
(Edge 2 optimal)					
1	22.09000	18.75000	0.0	8.5000	1.5000
Load 6 : F					
(Edge 2 optimal)					
1	27.47500	18.53000	0.0	2.2700	1.0600
Load 7 : G					
(Edge 2 optimal)					
1	28.11000	17.75000	0.0	1.0000	0.50000
Load 8 : H					
(Edge 2 optimal)					
1	27.20500	16.97500	0.0	2.8100	1.0500
Load 9 : I					
(Edge 2 optimal)					
1	25.59000	15.29500	0.0	1.5000	3.0100
Load 10 : J					
(Edge 2 optimal)					
1	27.20500	13.31000	0.0	2.8100	0.96000
Load 11 : K					
(Edge 2 optimal)					
1	27.86000	12.34000	0.0	1.5000	0.98000
Load 12 : L					
(Edge 2 optimal)					
1	27.86000	12.34000	0.0	1.5000	0.98000
Load 13 : M					
(Edge 2 optimal)					
1	18.17000	10.17500	0.0	16.340	0.35000
Load 14 : N					
(Edge 2 optimal)					
1	10.75000	14.89000	0.0	1.5000	9.0800
Load 15 : O					
(Edge 2 optimal)					
1	16.15000	12.89000	0.0	1.0000	5.0600
Load 16 : PL1					
(Edge 2 optimal)					
1	12.05000	20.08000	0.0	1.0000	1.0000
Load 17 : PL2					
(Edge 2 optimal)					
1	12.05000	15.98000	0.0	1.0000	1.0000
Load 18 : PL3					
(Edge 2 optimal)					
1	12.05000	14.50000	0.0	1.0000	1.0000
Load 19 : PL4					
(Edge 2 optimal)					
1	12.05000	10.85000	0.0	1.0000	1.0000
Load 20 : PL5					
(Edge 2 optimal)					
1	16.15000	14.92000	0.0	1.0000	1.0000
Load 21 : PL6					
(Edge 2 optimal)					
1	18.34000	19.00000	0.0	1.0000	1.0000
Load 22 : PL7					
(Edge 2 optimal)					
1	22.50000	19.00000	0.0	1.0000	1.0000
Load 23 : C1					
(Edge 2 optimal)					
1	20.44000	16.10000	0.0	1.0000	1.0000
Load 24 : C2					
(Edge 2 optimal)					
1	22.20000	16.09000	0.0	1.0000	1.0000
Load 25 : C3					
(Edge 2 optimal)					
1	20.24000	14.42000	0.0	1.0000	1.0000
Load 26 : C4					
(Edge 2 optimal)					
1	22.20000	14.41000	0.0	1.0000	1.0000
Load 27 : DIG					
(Edge 7 optimal)					
1	27.66002	12.30497	179.75	1.8871	2.9900
2	26.55067	12.30486	179.75	0.30562	3.3228
3	26.36387	12.07812	179.75	0.066017	4.1563
4	27.47500	17.75500	179.75	2.2587	2.6100
5	23.51342	14.75000	179.75	5.6120	9.5001
6	18.38840	12.68000	179.75	4.6200	5.3601
7	13.05703	15.46500	179.75	6.0667	10.930
Load 28 : DIG2					
(Edge 2 optimal)					
1	18.42500	18.14000	0.0	4.5700	5.5800
Load 29 : SLAB					
(Edge 2 optimal)					
1	15.35500	15.47000	0.0	10.010	10.220
2	23.15000	14.75500	0.0	5.5800	8.7900
3	26.11000	12.30000	0.0	0.26000	2.9000
4	26.42000	12.30455	0.0	0.28000	2.5709
5	27.41000	12.29500	0.0	1.6800	2.2700
6	27.12500	17.75500	0.0	2.2700	1.9100

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion						No. of intrvl across extrusion/line	Extrusion Depth [m]	No. of intrvl along extrusion	Calculate	Show Detailed results
				X [m]	Y [m]	Z(level) [m]	X [m]	Y [m]	Z(level) [m]					
1	Grid	Grid 1	Global X	5.00000	0.00000	-4.10000	N/A	35.53000	-4.10000	60	Yes	Yes		
2	Line	A-AA	N/A	25.34000	15.23000	-1.00000	36.34000	15.24000	-1.00000	22	N/A	Yes	No	
3	Line	B-BB	N/A	26.10000	11.00000	-4.10000	26.10000	0.00000	-4.10000	22	N/A	Yes	No	
4	Line	C-CC	N/A	15.54000	11.00000	-4.10000	15.54000	0.00000	-4.10000	22	N/A	Yes	No	
5	Line	D-DD	N/A	20.18000	20.53000	-1.00000	20.18000	35.53000	-1.00000	30	N/A	Yes	Yes	
Mulberry														
6	Line	Chk - LW1	N/A	28.26000	19.06000	-1.00000	28.26000	16.45000	-1.00000	5	N/A	N/A	Yes	No
7	Line	Chk - door	N/A	25.94000	16.80000	-1.00000	25.94000	13.74000	-1.00000	5	N/A	N/A	Yes	No
8	Line	Chk - LW2	N/A	28.26000	13.77000	-1.00000	28.26000	10.81000	-1.00000	5	N/A	N/A	Yes	No
9	Line	Chk - boundary	N/A	10.00000	10.35000	-4.10000	26.39000	10.39000	-4.10000	16	N/A	N/A	Yes	No

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Horizontal rigid boundary level: -30.00 [m OD]

The maximum displacement difference between the Boussinesq method (2.0052mm) and the Mindlin method (-0.49721mm) occurs at point X = 25.84000m, Y = 15.23045m, level = -1.0000mOD, and is 2.5024mm.

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
A	12.89000	20.18000	-4.00000	-1.8062	-4.2055	-20.807	-49.271	-86.042E-6
B	18.12500	20.21500	-4.00000	-0.27514	-4.2055	1.1132	15.435	-88.328E-6
C	22.09000	18.75000	-4.00000	-0.098409	-4.2055	77.721	137.29	700.10E-6
D	16.16000	18.87500	-4.00000	-0.79530	-4.2055	51.922	95.293	441.60E-6
E	22.09000	18.75000	-4.00000	-0.098409	-4.2055	77.721	137.29	700.10E-6
F	27.47500	18.53000	-4.00000	-0.36080	-4.2055	20.065	31.049	212.84E-6
G	28.11000	17.75000	-4.00000	-1.0421	-4.2055	-51.107	-108.15	-329.90E-6
H	27.20500	16.97500	-4.00000	-1.1649	-4.2055	-55.057	-128.86	-265.19E-6
I	25.59000	15.29500	-4.00000	1.9739	-4.2055	183.55	432.73	861.07E-6
J	27.20500	13.31000	-4.00000	0.15308	-4.2055	56.528	125.41	322.59E-6
K	27.86000	12.34000	-4.00000	0.023360	-4.2055	68.141	138.29	482.95E-6
L	27.86000	12.34000	-4.00000	0.023360	-4.2055	68.141	138.29	482.95E-6
M	18.17000	10.17500	-4.00000	-3.2662	-4.2055	-68.730	-156.62	-362.02E-6
N	10.75000	14.89000	-4.00000	-3.0597	-4.2055	-54.076	-143.27	-138.47E-6
O	16.15000	12.89000	-4.00000	-3.1760	-4.2055	-1.7377	-38.452	242.73E-6
PL1	12.05000	20.08000	-4.00000	-1.1540	-4.2055	58.791	95.047	593.90E-6
PL2	12.05000	15.98000	-4.00000	-2.7832	-4.2055	19.300	-5.0791	459.91E-6
PL3	12.05000	14.50000	-4.00000	-2.6843	-4.2055	39.387	35.026	607.10E-6
PL4	12.05000	10.85000	-4.00000	-2.9572	-4.2055	-29.618	-102.51	99.701E-6
PL5	16.15000	14.92000	-4.00000	-1.6633	-4.2055	118.81	208.07	0.0010834



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Job No.	Sheet No.	Rev.
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Drg. Ref.		
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Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
PL6	18.34000	19.00000	-4.00000	1.7521	-4.2055	221.91	0.0014719
PL7	22.50000	19.00000	-4.00000	0.24031	-4.2055	103.85	203.35
C1	20.44000	16.10000	-4.00000	-0.56731	-4.2055	136.31	248.55
C2	22.20000	16.09000	-4.00000	-1.4565	-4.2055	60.410	83.823
C3	20.24000	14.42000	-4.00000	-2.4703	-4.2055	31.722	22.797
C4	22.40000	14.41000	-4.00000	-2.4897	-4.2055	12.459	-18.240
DIG	18.61541	14.73543	-4.00000	-3.3936	-4.2055	-63.764	-166.54
DIG2	18.42500	18.14000	-4.00000	-0.046945	-4.2055	48.950	126.28
SLAB	18.45252	15.20626	-4.00000	-3.0278	-4.2055	-56.597	-135.77
Grid 1	5.00000	0.00000	-4.10000	-0.056811	-4.2968	-53.777E-6	-0.15505
	5.58333	0.00000	-4.10000	-0.065376	-4.2968	-59.725E-6	-0.16487
	6.16667	0.00000	-4.10000	-0.074231	-4.2968	-66.153E-6	-0.17508
	6.75000	0.00000	-4.10000	-0.083326	-4.2968	-73.039E-6	-0.18564
	7.33333	0.00000	-4.10000	-0.092603	-4.2968	-80.343E-6	-0.19647
	7.91667	0.00000	-4.10000	-0.101199	-4.2968	-88.007E-6	-0.20751
	8.50000	0.00000	-4.10000	-0.11143	-4.2968	-95.952E-6	-0.21867
	9.08333	0.00000	-4.10000	-0.12082	-4.2968	-104.08E-6	-0.22983
	9.66667	0.00000	-4.10000	-0.13008	-4.2968	-112.29E-6	-0.24089
	10.25000	0.00000	-4.10000	-0.13914	-4.2968	-120.46E-6	-0.25174
	10.83333	0.00000	-4.10000	-0.14787	-4.2968	-128.47E-6	-0.26226
	11.41667	0.00000	-4.10000	-0.15628	-4.2968	-136.20E-6	-0.27233
	12.00000	0.00000	-4.10000	-0.16415	-4.2968	-143.55E-6	-0.28185
	12.58333	0.00000	-4.10000	-0.17150	-4.2968	-150.41E-6	-0.29071
	13.16667	0.00000	-4.10000	-0.17823	-4.2968	-156.72E-6	-0.29883
	13.75000	0.00000	-4.10000	-0.18428	-4.2968	-162.42E-6	-0.30613
	14.33333	0.00000	-4.10000	-0.18958	-4.2968	-167.47E-6	-0.31256
	14.91667	0.00000	-4.10000	-0.19410	-4.2968	-171.84E-6	-0.31805
	15.50000	0.00000	-4.10000	-0.19779	-4.2968	-175.51E-6	-0.32258
	16.08333	0.00000	-4.10000	-0.20063	-4.2968	-178.49E-6	-0.32611
	16.66667	0.00000	-4.10000	-0.20269	-4.2968	-180.77E-6	-0.32863
	17.25000	0.00000	-4.10000	-0.20364	-4.2968	-182.45E-6	-0.33012
	17.83333	0.00000	-4.10000	-0.20379	-4.2968	-183.22E-6	-0.33056
	18.41667	0.00000	-4.10000	-0.20304	-4.2968	-183.37E-6	-0.32996
	19.00000	0.00000	-4.10000	-0.20138	-4.2968	-182.78E-6	-0.32831
	19.58333	0.00000	-4.10000	-0.19883	-4.2968	-181.46E-6	-0.32562
	20.16667	0.00000	-4.10000	-0.19542	-4.2968	-179.38E-6	-0.32199
	20.75000	0.00000	-4.10000	-0.19116	-4.2968	-176.53E-6	-0.31714
	21.33333	0.00000	-4.10000	-0.18609	-4.2968	-172.91E-6	-0.31141
	21.91667	0.00000	-4.10000	-0.18026	-4.2968	-168.54E-6	-0.30473
	22.50000	0.00000	-4.10000	-0.17372	-4.2968	-163.42E-6	-0.29714
	23.08333	0.00000	-4.10000	-0.16653	-4.2968	-157.59E-6	-0.28871
	23.66667	0.00000	-4.10000	-0.15875	-4.2968	-151.10E-6	-0.27951
	24.25000	0.00000	-4.10000	-0.15045	-4.2968	-144.02E-6	-0.26963
	24.83333	0.00000	-4.10000	-0.14173	-4.2968	-136.41E-6	-0.25916
	25.41667	0.00000	-4.10000	-0.13266	-4.2968	-128.39E-6	-0.24821
	26.00000	0.00000	-4.10000	-0.12332	-4.2968	-120.07E-6	-0.23690
	26.58333	0.00000	-4.10000	-0.11382	-4.2968	-111.56E-6	-0.22535
	27.16667	0.00000	-4.10000	-0.10424	-4.2968	-103.00E-6	-0.21368
	27.75000	0.00000	-4.10000	-0.094656	-4.2968	-94.500E-6	-0.20201
	28.33333	0.00000	-4.10000	-0.085161	-4.2968	-86.191E-6	-0.19044
	28.91667	0.00000	-4.10000	-0.075827	-4.2968	-78.174E-6	-0.17909
	29.50000	0.00000	-4.10000	-0.066723	-4.2968	-70.536E-6	-0.16804
	30.08333	0.00000	-4.10000	-0.057908	-4.2968	-63.347E-6	-0.15737
	30.66667	0.00000	-4.10000	-0.049433	-4.2968	-56.655E-6	-0.14713
	31.25000	0.00000	-4.10000	-0.041400	-4.2968	-50.490E-6	-0.13739
	31.83333	0.00000	-4.10000	-0.033660	-4.2968	-44.862E-6	-0.12816
	32.41667	0.00000	-4.10000	-0.026415	-4.2968	-39.767E-6	-0.11946
	33.00000	0.00000	-4.10000	-0.019622	-4.2968	-35.187E-6	-0.11130
	33.58333	0.00000	-4.10000	-0.013286	-4.2968	-31.096E-6	-0.10368
	34.16667	0.00000	-4.10000	-0.0074077	-4.2968	-27.459E-6	-0.09658
	34.75000	0.00000	-4.10000	-0.0019824	-4.2968	-24.242E-6	-0.089384
	35.33333	0.00000	-4.10000	0.0030000	-4.2968	-21.404E-6	-0.083869
	35.91667	0.00000	-4.10000	0.0075533	-4.2968	-18.909E-6	-0.078208
	36.50000	0.00000	-4.10000	0.011694	-4.2968	-16.718E-6	-0.072974
	37.08333	0.00000	-4.10000	0.016441	-4.2968	-14.797E-6	-0.068139
	37.66667	0.00000	-4.10000	0.018815	-4.2968	-13.114E-6	-0.063675
	38.25000	0.00000	-4.10000	0.021836	-4.2968	-11.639E-6	-0.059554
	38.83333	0.00000	-4.10000	0.024526	-4.2968	-10.347E-6	-0.055749
	39.41667	0.00000	-4.10000	0.026908	-4.2968	-9.2137E-6	-0.052236
	40.00000	0.00000	-4.10000	0.029003	-4.2968	-8.2194E-6	-0.048991
	5.00000	0.59217	-4.10000	-0.069139	-4.2968	-63.142E-6	-0.16936
	5.58333	0.59217	-4.10000	-0.078897	-4.2968	-70.620E-6	-0.18075
	6.16667	0.59217	-4.10000	-0.089010	-4.2968	-78.770E-6	-0.19266
	6.75000	0.59217	-4.10000	-0.099418	-4.2968	-87.574E-6	-0.20504
	7.33333	0.59217	-4.10000	-0.11026	-4.2968	-96.983E-6	-0.21789
	7.91667	0.59217	-4.10000	-0.12084	-4.2968	-106.92E-6	-0.23086
	8.50000	0.59217	-4.10000	-0.13170	-4.2968	-117.29E-6	-0.24411
	9.08333	0.59217	-4.10000	-0.14252	-4.2968	-127.93E-6	-0.25742
	9.66667	0.59217	-4.10000	-0.15320	-4.2968	-138.74E-6	-0.27064
	10.25000	0.59217	-4.10000	-0.16365	-4.2968	-149.51E-6	-0.28369
	10.83333	0.59217	-4.10000	-0.17376	-4.2968	-160.07E-6	-0.29625
	11.41667	0.59217	-4.10000	-0.18343	-4.2968	-170.25E-6	-0.30833
	12.00000	0.59217	-4.10000	-0.19255	-4.2968	-179.91E-6	-0.31975
	12.58333	0.59217	-4.10000	-0.20104	-4.2968	-188.91E-6	-0.33038
	13.16667	0.59217	-4.10000	-0.20880	-4.2968	-197.15E-6	-0.34011
	13.75000	0.59217	-4.10000	-0.21578	-4.2968	-204.57E-6	-0.34886
	14.33333	0.59217	-4.10000	-0.22189	-4.2968	-211.11E-6	-0.35654
	14.91667	0.59217	-4.10000	-0.22710	-4.2968	-216.76E-6	-0.36312
	15.50000	0.59217	-4.10000	-0.23135	-4.2968	-221.51E-6	-0.36854
	16.08333	0.59217	-4.10000	-0.23461	-4.2968	-225.37E-6	-0.37279
	16.66667	0.59217	-4.10000	-0.23685	-4.2968	-228.34E-6	-0.37583
	17.25000	0.59217	-4.10000	-0.23807	-4.2968	-230.42E-6	-0.37765
	17.83333	0.59217	-4.10000	-0.23824	-4.2968	-231.61E-6	-0.37825
	18.41667	0.59217	-4.10000	-0.23737	-4.2968	-231.90E-6	-0.37761
	19.00000	0.59217	-4.10000	-0.23546	-4.2968	-231.27E-6	-0.37579
	19.58333	0.59217	-4.10000	-0.23253	-4.2968	-229.69E-6	-0.37261
	20.16667	0.59217	-4.10000	-0.22859	-4.2968	-227.13E-6	-0.36827
	20.75000	0.59217	-4.10000	-0.22368	-4.2968	-223.59E-6	-0.36271
	21.33333	0.59217	-4.10000	-0.21784	-4.2968	-219.03E-6	-0.35596
	21.91667	0.59217	-4.10000	-0.21212	-4.2968	-213.47E-6	-0.34807
	22.50000	0.59217	-4.10000	-0.20356	-4.2968	-206.91E-6	-0.33908
	23.08333	0.59217	-4.10000	-0.19525	-4.2968	-199.39E-6	-0.32907
	23.66667	0.59217	-4.10000	-0.18626	-4.2968	-190.96E-6	-0.31812
	24.25000	0.59217	-4.10000	-0.17668	-4.2968	-181.71E-6	-0.30633
	24.83333	0.59217	-4.10000	-0.16659	-4.2968	-171.75E-6	-0.29384
	25.41667	0.59217	-4.10000	-0.15611	-4.2968	-161.22E-6	-0.28076
	26.00000	0.59217	-4.10000	-0.14533	-4.2968	-150.26E-6	-0.26725
	26.58333	0.59217	-4.10000	-0.13436	-4.2968	-139.05E-6	-0.25346
	27.16667	0.59217	-4.10000	-0.12330	-4.2968	-127.77E-6	-0.23954
	27.75000	0.59217	-4.10000	-0.11226	-4.2968	-116.06E-6	-0.22565
	28.33333	0.59217	-4.10000	-0.10134	-4.2968	-105.72E-6	-0.21192
	28.91667	0.59217	-4.10000	-0.090623	-4.2968	-95.257E-6	-0.19850
	29.50000	0.59217	-4.10000	-0.080189	-4.2968	-85.348E-6	-0.18549
	30.08333	0.59217	-4.10000	-0.070110	-4.2968	-76.083E-6	-0.17258
	30.66667	0.59217	-4.10000	-0.060442	-4.2968	-67.523E-6	-0.16104
	31.25000	0.59217	-4.10000	-0.051232	-4.2968	-59.702E-6	-0.14974
	31.83333	0.59217	-4.10000	-0.042514	-4.2968	-52.626E-6	-0.13909
	32.41667	0.59217	-4.10000	-0.034313	-4.2968	-46.278E-6	-0.12912
	33.00000	0.59217	-4.10000	-0.026641	-4.2968	-40.627E-6	-0.11983
	33.58333	0.59217	-4.10000	-0.019504	-4.2968	-35.627E-6	-0.11119
	34.16667	0.59217	-4.10000	-0.012899	-4.2968	-31.227E-6	-0.10320
	34.75000	0.59217	-4.10000	-0.0068174	-4.2968	-27.371E-6	-0.095815
	35.33333	0.59217	-4.10000	-0.0012438	-4.2968	-24.003E-6	-0.089008
	35.91667	0.59217	-4.10000	0.0038399	-4.2968	-21.067E-6	-0.082742
	36.50000	0.59217	-4.10000	0.0084549	-4.2968	-18.513E-6	-0.076978
	37.08333	0.59217	-4.10000	0.012625	-4.2968	-16.292E-6	-0.071681
	37.66667	0.59217	-4.10000	0.016375	-4.2968	-14.361E-6	-0.066812



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m²]			
				Sum Princ [kN/m²]			
				Vert Strain [-]			
10.83333	1.18433	-4.10000	-0.20283	-4.2968	-201.88E-6	-0.33653	2.4351E-6
11.41667	1.18433	-4.10000	-0.21400	-4.2968	-215.48E-6	-0.35114	2.5407E-6
12.00000	1.18433	-4.10000	-0.22455	-4.2968	-228.35E-6	-0.36494	2.6404E-6
12.58333	1.18433	-4.10000	-0.23435	-4.2968	-240.29E-6	-0.37777	2.7332E-6
13.16667	1.18433	-4.10000	-0.24332	-4.2968	-251.17E-6	-0.38951	2.8180E-6
13.75000	1.18433	-4.10000	-0.25136	-4.2968	-260.91E-6	-0.40004	2.8941E-6
14.33333	1.18433	-4.10000	-0.25841	-4.2968	-269.46E-6	-0.40928	2.9609E-6
14.91667	1.18433	-4.10000	-0.26440	-4.2968	-276.81E-6	-0.41718	3.0180E-6
15.50000	1.18433	-4.10000	-0.26929	-4.2968	-282.99E-6	-0.42370	3.0652E-6
16.08333	1.18433	-4.10000	-0.27304	-4.2968	-288.01E-6	-0.42881	3.1021E-6
16.66667	1.18433	-4.10000	-0.27562	-4.2968	-291.91E-6	-0.43250	3.1287E-6
17.25000	1.18433	-4.10000	-0.27701	-4.2968	-294.68E-6	-0.43474	3.1450E-6
17.83333	1.18433	-4.10000	-0.27721	-4.2968	-296.35E-6	-0.43554	3.1507E-6
18.41667	1.18433	-4.10000	-0.27621	-4.2968	-296.87E-6	-0.43488	3.1459E-6
19.00000	1.18433	-4.10000	-0.27401	-4.2968	-296.22E-6	-0.43275	3.1305E-6
19.58333	1.18433	-4.10000	-0.27064	-4.2968	-294.36E-6	-0.42935	3.1044E-6
20.16667	1.18433	-4.10000	-0.26611	-4.2968	-291.24E-6	-0.42408	3.0677E-6
20.75000	1.18433	-4.10000	-0.26046	-4.2968	-286.81E-6	-0.41755	3.0205E-6
21.33333	1.18433	-4.10000	-0.25373	-4.2968	-281.05E-6	-0.40958	2.9629E-6
21.91667	1.18433	-4.10000	-0.24598	-4.2968	-273.92E-6	-0.40023	2.8952E-6
22.50000	1.18433	-4.10000	-0.23726	-4.2968	-265.43E-6	-0.38953	2.8179E-6
23.08333	1.18433	-4.10000	-0.22766	-4.2968	-255.66E-6	-0.37757	2.7314E-6
23.66667	1.18433	-4.10000	-0.21727	-4.2968	-244.60E-6	-0.36446	2.6366E-6
24.25000	1.18433	-4.10000	-0.20619	-4.2968	-232.40E-6	-0.35032	2.5344E-6
24.83333	1.18433	-4.10000	-0.19453	-4.2968	-219.18E-6	-0.33530	2.4257E-6
25.41667	1.18433	-4.10000	-0.18241	-4.2968	-205.15E-6	-0.31948	2.3120E-6
26.00000	1.18433	-4.10000	-0.16995	-4.2968	-190.51E-6	-0.30329	2.1944E-6
26.58333	1.18433	-4.10000	-0.15727	-4.2968	-175.52E-6	-0.28669	2.0744E-6
27.16667	1.18433	-4.10000	-0.14451	-4.2968	-160.45E-6	-0.26997	1.9535E-6
27.75000	1.18433	-4.10000	-0.13179	-4.2968	-145.55E-6	-0.25331	1.8330E-6
28.33333	1.18433	-4.10000	-0.11923	-4.2968	-131.08E-6	-0.23650	1.7144E-6
28.91667	1.18433	-4.10000	-0.10692	-4.2968	-117.24E-6	-0.22091	1.5988E-6
29.50000	1.18433	-4.10000	-0.094963	-4.2968	-104.22E-6	-0.20548	1.4872E-6
30.08333	1.18433	-4.10000	-0.083443	-4.2968	-92.127E-6	-0.19072	1.3805E-6
30.66667	1.18433	-4.10000	-0.072423	-4.2968	-81.054E-6	-0.17673	1.2793E-6
31.25000	1.18433	-4.10000	-0.061954	-4.2968	-71.032E-6	-0.16355	1.1840E-6
31.83333	1.18433	-4.10000	-0.052074	-4.2968	-62.054E-6	-0.15122	1.0948E-6
32.41667	1.18433	-4.10000	-0.042806	-4.2968	-54.085E-6	-0.13975	1.0118E-6
33.00000	1.18433	-4.10000	-0.034162	-4.2968	-47.067E-6	-0.12912	0.0
33.58333	1.18433	-4.10000	-0.026144	-4.2968	-40.925E-6	-0.11932	0.0
34.16667	1.18433	-4.10000	-0.018743	-4.2968	-35.578E-6	-0.11031	0.0
34.75000	1.18433	-4.10000	-0.011946	-4.2968	-30.943E-6	-0.10203	0.0
35.33333	1.18433	-4.10000	-0.0057324	-4.2968	-26.935E-6	-0.094449	0.0
35.91667	1.18433	-4.10000	-77.564E-6	-4.2968	-23.476E-6	-0.087511	0.0
36.50000	1.18433	-4.10000	0.0005457	-4.2968	-20.496E-6	-0.081365	0.0
37.08333	1.18433	-4.10000	0.0096669	-4.2968	-17.927E-6	-0.075363	0.0
37.66667	1.18433	-4.10000	0.013816	-4.2968	-15.714E-6	-0.070058	0.0
38.25000	1.18433	-4.10000	0.017525	-4.2968	-13.805E-6	-0.065204	0.0
38.83333	1.18433	-4.10000	0.020823	-4.2968	-12.156E-6	-0.060761	0.0
39.41667	1.18433	-4.10000	0.023741	-4.2968	-10.730E-6	-0.056658	0.0
40.00000	1.18433	-4.10000	0.026308	-4.2968	-9.4945E-6	-0.052960	0.0
5.00000	1.77650	-4.10000	-0.097306	-4.2968	-88.288E-6	-0.20326	1.4715E-6
5.58333	1.77650	-4.10000	-0.10994	-4.2968	-100.40E-6	-0.21879	1.5838E-6
6.16667	1.77650	-4.10000	-0.12311	-4.2968	-113.87E-6	-0.23524	1.7027E-6
6.75000	1.77650	-4.10000	-0.13693	-4.2968	-128.71E-6	-0.25232	1.8278E-6
7.33333	1.77650	-4.10000	-0.15072	-4.2968	-144.92E-6	-0.27059	1.9583E-6
7.91667	1.77650	-4.10000	-0.16496	-4.2968	-162.31E-6	-0.28926	2.0933E-6
8.50000	1.77650	-4.10000	-0.17935	-4.2968	-180.71E-6	-0.30838	2.2314E-6
9.08333	1.77650	-4.10000	-0.19375	-4.2968	-199.85E-6	-0.32773	2.3713E-6
9.66667	1.77650	-4.10000	-0.20800	-4.2968	-219.40E-6	-0.34700	2.5111E-6
10.25000	1.77650	-4.10000	-0.22197	-4.2968	-238.98E-6	-0.36617	2.6491E-6
10.83333	1.77650	-4.10000	-0.23549	-4.2968	-258.19E-6	-0.38474	2.7833E-6
11.41667	1.77650	-4.10000	-0.24842	-4.2968	-276.66E-6	-0.40255	2.9120E-6
12.00000	1.77650	-4.10000	-0.26062	-4.2968	-294.06E-6	-0.41935	3.0334E-6
12.58333	1.77650	-4.10000	-0.27196	-4.2968	-310.12E-6	-0.43498	3.1462E-6
13.16667	1.77650	-4.10000	-0.28231	-4.2968	-324.66E-6	-0.44919	3.2491E-6
13.75000	1.77650	-4.10000	-0.29159	-4.2968	-337.57E-6	-0.46194	3.3412E-6
14.33333	1.77650	-4.10000	-0.29971	-4.2968	-348.84E-6	-0.47311	3.4219E-6
14.91667	1.77650	-4.10000	-0.30661	-4.2968	-358.47E-6	-0.48264	3.4908E-6
15.50000	1.77650	-4.10000	-0.31263	-4.2968	-366.54E-6	-0.49008	3.5476E-6
16.08333	1.77650	-4.10000	-0.31654	-4.2968	-373.11E-6	-0.49668	3.5922E-6
16.66667	1.77650	-4.10000	-0.31950	-4.2968	-378.25E-6	-0.50116	3.6246E-6
17.25000	1.77650	-4.10000	-0.32110	-4.2968	-382.00E-6	-0.50394	3.6447E-6
17.83333	1.77650	-4.10000	-0.32133	-4.2968	-384.34E-6	-0.50501	3.6524E-6
18.41667	1.77650	-4.10000	-0.32169	-4.2968	-385.201E-6	-0.50536	3.6476E-6
19.00000	1.77650	-4.10000	-0.31767	-4.2968	-384.68E-6	-0.50196	3.6302E-6
19.58333	1.77650	-4.10000	-0.31380	-4.2968	-382.53E-6	-0.49780	3.6002E-6
20.16667	1.77650	-4.10000	-0.30859	-4.2968	-378.74E-6	-0.49188	3.5574E-6
20.75000	1.77650	-4.10000	-0.30210	-4.2968	-373.22E-6	-0.48420	3.5018E-6
21.33333	1.77650	-4.10000	-0.29455	-4.2968	-365.90E-6	-0.47477	3.4336E-6
21.91667	1.77650	-4.10000	-0.28541	-4.2968	-356.73E-6	-0.46363	3.3530E-6
22.50000	1.77650	-4.10000	-0.27535	-4.2968	-345.69E-6	-0.45084	3.2606E-6
23.08333	1.77650	-4.10000	-0.26427	-4.2968	-332.80E-6	-0.43649	3.1568E-6
23.66667	1.77650	-4.10000	-0.25226	-4.2968	-318.13E-6	-0.42069	3.0426E-6
24.25000	1.77650	-4.10000	-0.23944	-4.2968	-301.81E-6	-0.40334	2.9190E-6
24.83333	1.77650	-4.10000	-0.22595	-4.2968	-284.03E-6	-0.38539	2.7874E-6
25.41667	1.77650	-4.10000	-0.21192	-4.2968	-265.04E-6	-0.36629	2.6494E-6
26.00000	1.77650	-4.10000	-0.19750	-4.2968	-245.17E-6	-0.34653	2.5066E-6
26.58333	1.77650	-4.10000	-0.18285	-4.2968	-224.79E-6	-0.32638	2.3610E-6
27.16667	1.77650	-4.10000	-0.16811	-4.2968	-204.30E-6	-0.30608	2.2144E-6
27.75000	1.77650	-4.10000	-0.15344	-4.2968	-184.08E-6	-0.28594	2.0687E-6
28.33333	1.77650	-4.10000	-0.13897	-4.2968	-164.52E-6	-0.26615	1.9257E-6
28.91667	1.77650	-4.10000	-0.12483	-4.2968	-145.93E-6	-0.24694	1.7869E-6
29.50000	1.77650	-4.10000	-0.11113	-4.2968	-128.55E-6	-0.22851	1.6536E-6
30.08333	1.77650	-4.10000	-0.097972	-4.2968	-112.56E-6	-0.21098	1.5269E-6
30.66667	1.77650	-4.10000	-0.085419	-4.2968	-98.062E-6	-0.19447	1.4075E-6
31.25000	1.77650	-4.10000	-0.073532	-4.2968	-85.076E-6	-0.17902	1.2959E-6
31.83333	1.77650	-4.10000	-0.062351	-4.2968	-73.576E-6	-0.16468	1.1921E-6
32.41667	1.77650	-4.10000	-0.051896	-4.2968	-63.489E-6	-0.15143	1.0963E-6
33.00000	1.77650	-4.10000	-0.042178	-4.2968	-54.714E-6	-0.13928	1.0089E-6
33.58333	1.77650	-4.10000	-0.033192	-4.2968	-47.128E-6	-0.12810	0.0
34.16667	1.77650	-4.10000	-0.024923	-4.2968	-40.604E-6	-0.11792	0.0
34.75000	1.77650	-4.10000	-0.017352	-4.2968	-35.013E-6	-0.10864	0.0
35.33333	1.77650	-4.10000	-0.010448	-4.2968	-30.235E-6	-0.10019	0.0
35.91667	1.77650	-4.10000	-0.004816	-4.2968	-26.157E-6	-0.09251	0.0
36.50000	1.77650	-4.10000	0.0014833	-4.2968	-22.678E-6	-0.085526	0.0
37.08333	1.77650	-4.10000	0.0065829	-4.2968	-19.709E-6	-0.079176	0.0
37.66667	1.77650	-4.10000	0.011154	-4.2968	-17.174E-6	-0.073399	0.0
38.25000	1.77650	-4.10000	0.015234	-4.2968	-15.006E-6	-0.068141	0.0
38.83333	1.77650	-4.10000	0.018858	-4.2968	-13.148E-6	-0.063849	0.0
39.41667	1.77650	-4.10000	0.022063	-4.2968	-11.553E-6	-0.058977	0.0
40.00000	1.77650	-4.10000	0.024881	-4.2968	-10.179E-6	-0.054985	0.0
5.00000	2.36867	-4.10000	-0.11327	-4.2968	-105.17E-6	-0.22336	1.6168E-6
5.58333	2.36867	-4.10000	-0.12763	-4.2968	-120.77E-6	-0.24161	1.7488E-6
6.16667	2.36867	-4.10000	-0.14264	-4.2968	-138.38E-6	-0.26105	1.8896E-6
6.75000	2.36867	-4.10000	-0.15822	-4.2968	-158.03E-6		



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses			
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
21.91667	2.36867	-4.10000	-0.33008	-4.2968	-472.41E-6	3.9158E-6
22.50000	2.36867	-4.10000	-0.31848	-4.2968	-457.91E-6	3.8047E-6
23.08333	2.36867	-4.10000	-0.30568	-4.2968	-440.77E-6	3.6793E-6
23.66667	2.36867	-4.10000	-0.29179	-4.2968	-421.05E-6	3.5408E-6
24.25000	2.36867	-4.10000	-0.27695	-4.2968	-398.90E-6	3.3903E-6
24.83333	2.36867	-4.10000	-0.26233	-4.2968	-374.56E-6	3.2293E-6
25.41667	2.36867	-4.10000	-0.24507	-4.2968	-348.44E-6	3.0605E-6
26.00000	2.36867	-4.10000	-0.22837	-4.2968	-320.96E-6	2.8854E-6
26.58333	2.36867	-4.10000	-0.21140	-4.2968	-292.71E-6	2.7069E-6
27.16667	2.36867	-4.10000	-0.19436	-4.2968	-264.30E-6	2.5273E-6
27.75000	2.36867	-4.10000	-0.17742	-4.2968	-236.38E-6	2.3493E-6
28.33333	2.36867	-4.10000	-0.16075	-4.2968	-209.40E-6	2.1752E-6
28.91667	2.36867	-4.10000	-0.14449	-4.2968	-183.97E-6	2.0070E-6
29.50000	2.36867	-4.10000	-0.12880	-4.2968	-160.39E-6	1.8465E-6
30.08333	2.36867	-4.10000	-0.11376	-4.2968	-138.92E-6	1.6949E-6
30.66667	2.36867	-4.10000	-0.099466	-4.2968	-119.66E-6	1.5531E-6
31.25000	2.36867	-4.10000	-0.085982	-4.2968	-102.63E-6	1.4215E-6
31.83333	2.36867	-4.10000	-0.073345	-4.2968	-87.746E-6	1.3003E-6
32.41667	2.36867	-4.10000	-0.061574	-4.2968	-74.869E-6	1.1893E-6
33.00000	2.36867	-4.10000	-0.050672	-4.2968	-63.813E-6	1.0880E-6
33.58333	2.36867	-4.10000	-0.040627	-4.2968	-54.398E-6	0.9975E-6
34.16667	2.36867	-4.10000	-0.031417	-4.2968	-46.404E-6	0.9126E-6
34.75000	2.36867	-4.10000	-0.023009	-4.2968	-39.644E-6	0.8326E-6
35.33333	2.36867	-4.10000	-0.015367	-4.2968	-33.939E-6	0.7572E-6
35.91667	2.36867	-4.10000	-0.008489	-4.2968	-29.127E-6	0.6859E-6
36.50000	2.36867	-4.10000	-0.002105	-4.2968	-25.067E-6	0.6184E-6
37.08333	2.36867	-4.10000	0.0033928	-4.2968	-21.639E-6	0.5552E-6
37.66667	2.36867	-4.10000	0.0084060	-4.2968	-18.740E-6	0.4962E-6
38.25000	2.36867	-4.10000	0.012873	-4.2968	-16.282E-6	0.4413E-6
38.83333	2.36867	-4.10000	0.016837	-4.2968	-14.193E-6	0.3900E-6
39.41667	2.36867	-4.10000	0.020338	-4.2968	-12.413E-6	0.3422E-6
40.00000	2.36867	-4.10000	0.023415	-4.2968	-10.891E-6	0.3000E-6
5.00000	2.96083	-4.10000	-0.13056	-4.2968	-125.90E-6	1.7799E-6
5.58333	2.96083	-4.10000	-0.14687	-4.2968	-146.20E-6	1.9358E-6
6.16667	2.96083	-4.10000	-0.16398	-4.2968	-169.46E-6	2.1036E-6
6.75000	2.96083	-4.10000	-0.18191	-4.2968	-195.81E-6	2.2829E-6
7.33333	2.96083	-4.10000	-0.20023	-4.2968	-225.29E-6	2.4729E-6
7.91667	2.96083	-4.10000	-0.21911	-4.2968	-257.73E-6	2.6722E-6
8.50000	2.96083	-4.10000	-0.23827	-4.2968	-292.78E-6	2.8787E-6
9.08333	2.96083	-4.10000	-0.25752	-4.2968	-329.84E-6	3.0900E-6
9.66667	2.96083	-4.10000	-0.27665	-4.2968	-368.11E-6	3.3028E-6
10.25000	2.96083	-4.10000	-0.29543	-4.2968	-406.65E-6	3.5138E-6
10.83333	2.96083	-4.10000	-0.31363	-4.2968	-444.44E-6	3.7194E-6
11.41667	2.96083	-4.10000	-0.33103	-4.2968	-480.54E-6	3.9163E-6
12.00000	2.96083	-4.10000	-0.34744	-4.2968	-514.13E-6	4.1013E-6
12.58333	2.96083	-4.10000	-0.36261	-4.2968	-544.62E-6	4.2721E-6
13.16667	2.96083	-4.10000	-0.37645	-4.2968	-571.65E-6	4.4268E-6
13.75000	2.96083	-4.10000	-0.38881	-4.2968	-595.13E-6	4.5640E-6
14.33333	2.96083	-4.10000	-0.39958	-4.2968	-615.15E-6	4.6833E-6
14.91667	2.96083	-4.10000	-0.40970	-4.2968	-631.97E-6	4.7846E-6
15.50000	2.96083	-4.10000	-0.41611	-4.2968	-645.93E-6	4.8679E-6
16.08333	2.96083	-4.10000	-0.42177	-4.2968	-657.37E-6	4.9336E-6
16.66667	2.96083	-4.10000	-0.42567	-4.2968	-666.54E-6	4.9820E-6
17.25000	2.96083	-4.10000	-0.42778	-4.2968	-673.58E-6	5.0133E-6
17.83333	2.96083	-4.10000	-0.42809	-4.2968	-678.50E-6	5.0273E-6
18.41667	2.96083	-4.10000	-0.42661	-4.2968	-681.18E-6	5.0240E-6
19.00000	2.96083	-4.10000	-0.42334	-4.2968	-681.45E-6	5.0028E-6
19.58333	2.96083	-4.10000	-0.41827	-4.2968	-679.40E-6	4.9633E-6
20.16667	2.96083	-4.10000	-0.41145	-4.2968	-673.70E-6	4.9052E-6
20.75000	2.96083	-4.10000	-0.40288	-4.2968	-665.10E-6	4.8281E-6
21.33333	2.96083	-4.10000	-0.39264	-4.2968	-653.29E-6	4.7318E-6
21.91667	2.96083	-4.10000	-0.38079	-4.2968	-637.79E-6	4.6164E-6
22.50000	2.96083	-4.10000	-0.36741	-4.2968	-618.56E-6	4.4822E-6
23.08333	2.96083	-4.10000	-0.35261	-4.2968	-595.48E-6	4.3299E-6
23.66667	2.96083	-4.10000	-0.33683	-4.2968	-568.60E-6	4.1605E-6
24.25000	2.96083	-4.10000	-0.31936	-4.2968	-538.06E-6	3.9757E-6
24.83333	2.96083	-4.10000	-0.30123	-4.2968	-504.17E-6	3.7773E-6
25.41667	2.96083	-4.10000	-0.28237	-4.2968	-467.45E-6	3.5682E-6
26.00000	2.96083	-4.10000	-0.26299	-4.2968	-428.63E-6	3.3511E-6
26.58333	2.96083	-4.10000	-0.24331	-4.2968	-388.56E-6	3.1296E-6
27.16667	2.96083	-4.10000	-0.22357	-4.2968	-348.29E-6	2.9071E-6
27.75000	2.96083	-4.10000	-0.20397	-4.2968	-308.73E-6	2.6871E-6
28.33333	2.96083	-4.10000	-0.18474	-4.2968	-270.82E-6	2.4727E-6
28.91667	2.96083	-4.10000	-0.16604	-4.2968	-235.30E-6	2.2668E-6
29.50000	2.96083	-4.10000	-0.14693	-4.2968	-202.71E-6	2.0716E-6
30.08333	2.96083	-4.10000	-0.13085	-4.2968	-173.37E-6	1.8887E-6
30.66667	2.96083	-4.10000	-0.11459	-4.2968	-147.40E-6	1.7190E-6
31.25000	2.96083	-4.10000	-0.099306	-4.2968	-124.77E-6	1.5630E-6
31.83333	2.96083	-4.10000	-0.085044	-4.2968	-105.29E-6	1.4206E-6
32.41667	2.96083	-4.10000	-0.071816	-4.2968	-88.696E-6	1.2914E-6
33.00000	2.96083	-4.10000	-0.059614	-4.2968	-74.681E-6	1.1747E-6
33.58333	2.96083	-4.10000	-0.048417	-4.2968	-62.918E-6	1.0697E-6
34.16667	2.96083	-4.10000	-0.038189	-4.2968	-53.088E-6	0.9741E-6
34.75000	2.96083	-4.10000	-0.028886	-4.2968	-44.895E-6	0.8859E-6
35.33333	2.96083	-4.10000	-0.020457	-4.2968	-38.076E-6	0.8045E-6
35.91667	2.96083	-4.10000	-0.012850	-4.2968	-32.398E-6	0.7284E-6
36.50000	2.96083	-4.10000	-0.0060088	-4.2968	-27.666E-6	0.6570E-6
37.08333	2.96083	-4.10000	0.0005940	-4.2968	-23.715E-6	0.5901E-6
37.66667	2.96083	-4.10000	0.0055940	-4.2968	-20.406E-6	0.5273E-6
38.25000	2.96083	-4.10000	0.010462	-4.2968	-17.620E-6	0.4686E-6
38.83333	2.96083	-4.10000	0.014775	-4.2968	-15.286E-6	0.4145E-6
39.41667	2.96083	-4.10000	0.018581	-4.2968	-13.306E-6	0.3646E-6
40.00000	2.96083	-4.10000	0.021923	-4.2968	-11.625E-6	0.3184E-6
5.00000	3.55300	-4.10000	-0.14921	-4.2968	-151.46E-6	1.9634E-6
5.58333	3.55300	-4.10000	-0.16302	-4.2968	-178.13E-6	2.1483E-6
6.16667	3.55300	-4.10000	-0.18723	-4.2968	-209.21E-6	2.3494E-6
6.75000	3.55300	-4.10000	-0.20763	-4.2968	-245.07E-6	2.5665E-6
7.33333	3.55300	-4.10000	-0.22879	-4.2968	-285.88E-6	2.7987E-6
7.91667	3.55300	-4.10000	-0.25056	-4.2968	-331.52E-6	3.0445E-6
8.50000	3.55300	-4.10000	-0.27273	-4.2968	-381.51E-6	3.3014E-6
9.08333	3.55300	-4.10000	-0.29507	-4.2968	-434.97E-6	3.5657E-6
9.66667	3.55300	-4.10000	-0.31730	-4.2968	-490.59E-6	3.8334E-6
10.25000	3.55300	-4.10000	-0.33916	-4.2968	-546.77E-6	4.0994E-6
10.83333	3.55300	-4.10000	-0.36035	-4.2968	-601.86E-6	4.3589E-6
11.41667	3.55300	-4.10000	-0.38065	-4.2968	-654.19E-6	4.6069E-6
12.00000	3.55300	-4.10000	-0.39964	-4.2968	-702.45E-6	4.8392E-6
12.58333	3.55300	-4.10000	-0.41727	-4.2968	-745.71E-6	5.0524E-6
13.16667	3.55300	-4.10000	-0.43329	-4.2968	-783.47E-6	5.2442E-6
13.75000	3.55300	-4.10000	-0.44755	-4.2968	-815.69E-6	5.4133E-6
14.33333	3.55300	-4.10000	-0.45995	-4.2968	-842.70E-6	5.5593E-6
14.91667	3.55300	-4.10000	-0.47042	-4.2968	-865.05E-6	5.6825E-6
15.50000	3.55300	-4.10000	-0.47891	-4.2968	-883.48E-6	5.7837E-6
16.08333	3.55300	-4.10000	-0.48539	-4.2968	-898.64E-6	5.8637E-6
16.66667	3.55300	-4.10000	-0.48984	-4.2968	-911.04E-6	5.9232E-6
17.25000	3.55300	-4.10000	-0.49227	-4.2968	-920.99E-6	5.9626E-6
17.83333	3.55300	-4.10000	-0.49265	-4.2968	-928.35E-6	5.9819E-6
18.41667	3.55300	-4.10000	-0.49099	-4.2968	-933.00E-6	5.9806E-6
19.00000	3.55300	-4.10000	-0.48727	-4.2968	-934.54E-6	5.9582E-6
19.58333	3.55300	-4.10000	-0.48150	-4.2968	-932.45E-6	5.9137E-6
20.16667	3.55300	-4.10000	-0.47370	-4.2968	-926.50E-6	5.8464E-6
20.75000	3.55300	-4.10000	-0.46390	-4.2968	-916.07E-6	5.7556E-6
21.33333	3.55300	-4.10000	-0.45214	-4.2968	-900.86E-6	5.6409E-6
21.91667	3.55300	-4.10000	-0.43850	-4.2968	-880.52E-6	5.5019E-6
22.50000	3.55300	-4.10000	-0.42307	-4.2968	-854.75E-6	5.3390E-6
23.08333	3.55300	-4.10000	-0.40597	-4.2968	-823.31E-6	5.1526E-6
23.66667	3.55300	-4.10000	-0.38736	-4.2968	-786.09E-6	4.9438E-6
24.25000	3.55300	-4.10000	-0.36742	-4.2968	-743.19E-6	4.7145E-6
24.83333	3.55300	-4.10000	-0.34637	-4.2968	-694.98E-6	4.4672E-6
25.41667	3.55300	-4.10000	-0.32444	-4.2968	-642.19E-6	4.2052E-6
26.00000	3.55300	-4.10000	-0.30190	-4.2968	-585.93E-6	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location X [m]	Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
33.00000	3.55300	-4.10000	-0.068960	-4.2968	-87.657E-6	-0.17528	1.2687E-6
33.58333	3.55300	-4.10000	-0.056515	-4.2968	-72.893E-6	-0.15867	1.1486E-6
34.16667	3.55300	-4.10000	-0.045195	-4.2968	-60.764E-6	-0.14389	1.0417E-6
34.75000	3.55300	-4.10000	-0.034938	-4.2968	-50.820E-6	-0.13076	0.0
35.33333	3.55300	-4.10000	-0.025678	-4.2968	-42.667E-6	-0.11909	0.0
35.91667	3.55300	-4.10000	-0.017348	-4.2968	-35.973E-6	-0.10871	0.0
36.50000	3.55300	-4.10000	-0.0098787	-4.2968	-30.469E-6	-0.099462	0.0
37.08333	3.55300	-4.10000	-0.0032031	-4.2968	-25.926E-6	-0.091209	0.0
37.66667	3.55300	-4.10000	0.0027436	-4.2968	-22.163E-6	-0.083828	0.0
38.25000	3.55300	-4.10000	0.0080229	-4.2968	-19.033E-6	-0.077212	0.0
38.83333	3.55300	-4.10000	0.012693	-4.2968	-16.418E-6	-0.071269	0.0
39.41667	3.55300	-4.10000	0.016808	-4.2968	-14.224E-6	-0.065917	0.0
40.00000	3.55300	-4.10000	0.020419	-4.2968	-12.374E-6	-0.061086	0.0
5.00000	4.14517	-4.10000	-0.16924	-4.2968	-183.07E-6	-0.29985	2.1696E-6
5.58333	4.14517	-4.10000	-0.19025	-4.2968	-218.43E-6	-0.33038	2.3901E-6
6.16667	4.14517	-4.10000	-0.21247	-4.2968	-260.50E-6	-0.36397	2.6327E-6
6.75000	4.14517	-4.10000	-0.23583	-4.2968	-310.07E-6	-0.40066	2.8976E-6
7.33333	4.14517	-4.10000	-0.26017	-4.2968	-367.67E-6	-0.44039	3.1843E-6
7.91667	4.14517	-4.10000	-0.28532	-4.2968	-433.38E-6	-0.48291	3.4911E-6
8.50000	4.14517	-4.10000	-0.31103	-4.2968	-506.64E-6	-0.52778	3.8148E-6
9.08333	4.14517	-4.10000	-0.33702	-4.2968	-586.08E-6	-0.57435	4.1507E-6
9.66667	4.14517	-4.10000	-0.36295	-4.2968	-669.52E-6	-0.62178	4.4927E-6
10.25000	4.14517	-4.10000	-0.38847	-4.2968	-754.19E-6	-0.66908	4.8337E-6
10.83333	4.14517	-4.10000	-0.41322	-4.2968	-837.05E-6	-0.71522	5.1663E-6
11.41667	4.14517	-4.10000	-0.43866	-4.2968	-915.27E-6	-0.75920	5.4834E-6
12.00000	4.14517	-4.10000	-0.45905	-4.2968	-986.56E-6	-0.80019	5.7790E-6
12.58333	4.14517	-4.10000	-0.47954	-4.2968	-0.0010494	-0.83753	6.0483E-6
13.16667	4.14517	-4.10000	-0.49809	-4.2968	-0.0011032	-0.87082	6.2885E-6
13.75000	4.14517	-4.10000	-0.51455	-4.2968	-0.0011480	-0.89988	6.4981E-6
14.33333	4.14517	-4.10000	-0.52881	-4.2968	-0.0011847	-0.92472	6.6774E-6
14.91667	4.14517	-4.10000	-0.54081	-4.2968	-0.0012144	-0.94532	6.8253E-6
15.50000	4.14517	-4.10000	-0.55051	-4.2968	-0.0012386	-0.96253	6.9503E-6
16.08333	4.14517	-4.10000	-0.55791	-4.2968	-0.0012587	-0.97603	7.0477E-6
16.66667	4.14517	-4.10000	-0.56300	-4.2968	-0.0012757	-0.98620	7.1211E-6
17.25000	4.14517	-4.10000	-0.56708	-4.2968	-0.0012900	-0.99317	7.1712E-6
17.83333	4.14517	-4.10000	-0.56925	-4.2968	-0.0013015	-0.99681	7.1981E-6
18.41667	4.14517	-4.10000	-0.56440	-4.2968	-0.0013097	-0.99732	7.2010E-6
19.00000	4.14517	-4.10000	-0.56020	-4.2968	-0.0013138	-0.99424	7.1785E-6
19.58333	4.14517	-4.10000	-0.55367	-4.2968	-0.0013132	-0.98745	7.1293E-6
20.16667	4.14517	-4.10000	-0.54479	-4.2968	-0.0013069	-0.97676	7.0520E-6
20.75000	4.14517	-4.10000	-0.53358	-4.2968	-0.0012943	-0.96201	6.9453E-6
21.33333	4.14517	-4.10000	-0.52011	-4.2968	-0.0012749	-0.94307	6.8084E-6
21.91667	4.14517	-4.10000	-0.50442	-4.2968	-0.0012480	-0.91983	6.6406E-6
22.50000	4.14517	-4.10000	-0.48662	-4.2968	-0.0012131	-0.89228	6.4416E-6
23.08333	4.14517	-4.10000	-0.46685	-4.2968	-0.0011697	-0.86044	6.2113E-6
23.66667	4.14517	-4.10000	-0.44528	-4.2968	-0.0011173	-0.82449	5.9523E-6
24.25000	4.14517	-4.10000	-0.42211	-4.2968	-0.0010558	-0.78465	5.6648E-6
24.83333	4.14517	-4.10000	-0.39760	-4.2968	-985.55E-6	-0.74136	5.3525E-6
25.41667	4.14517	-4.10000	-0.37203	-4.2968	-907.54E-6	-0.69522	5.0198E-6
26.00000	4.14517	-4.10000	-0.34574	-4.2968	-823.54E-6	-0.64704	4.6721E-6
26.58333	4.14517	-4.10000	-0.31907	-4.2968	-735.98E-6	-0.59765	4.3162E-6
27.16667	4.14517	-4.10000	-0.29237	-4.2968	-647.73E-6	-0.54814	3.9593E-6
27.75000	4.14517	-4.10000	-0.26597	-4.2968	-561.66E-6	-0.49946	3.6083E-6
28.33333	4.14517	-4.10000	-0.24020	-4.2968	-480.34E-6	-0.45253	3.2699E-6
28.91667	4.14517	-4.10000	-0.21537	-4.2968	-405.71E-6	-0.40808	2.9493E-6
29.50000	4.14517	-4.10000	-0.19158	-4.2968	-339.02E-6	-0.36666	2.6505E-6
30.08333	4.14517	-4.10000	-0.16912	-4.2968	-280.81E-6	-0.32861	2.3760E-6
30.66667	4.14517	-4.10000	-0.14807	-4.2968	-231.04E-6	-0.29409	2.1268E-6
31.25000	4.14517	-4.10000	-0.12849	-4.2968	-189.21E-6	-0.26307	1.9028E-6
31.83333	4.14517	-4.10000	-0.11041	-4.2968	-154.57E-6	-0.23442	1.7032E-6
32.41667	4.14517	-4.10000	-0.093807	-4.2968	-126.20E-6	-0.21093	1.5262E-6
33.00000	4.14517	-4.10000	-0.078643	-4.2968	-103.16E-6	-0.18931	1.3700E-6
33.58333	4.14517	-4.10000	-0.064856	-4.2968	-84.538E-6	-0.17028	1.2325E-6
34.16667	4.14517	-4.10000	-0.052373	-4.2968	-69.536E-6	-0.15354	1.1115E-6
34.75000	4.14517	-4.10000	-0.041109	-4.2968	-57.456E-6	-0.13981	1.0050E-6
35.33333	4.14517	-4.10000	-0.030980	-4.2968	-47.718E-6	-0.12585	0.0
35.91667	4.14517	-4.10000	-0.021899	-4.2968	-39.846E-6	-0.11441	0.0
36.50000	4.14517	-4.10000	-0.013781	-4.2968	-33.460E-6	-0.10429	0.0
37.08333	4.14517	-4.10000	-0.0065461	-4.2968	-28.255E-6	-0.095324	0.0
37.66667	4.14517	-4.10000	-0.000633	-4.2968	-23.992E-6	-0.087368	0.0
38.25000	4.14517	-4.10000	0.0055808	-4.2968	-20.482E-6	-0.080248	0.0
38.83333	4.14517	-4.10000	0.010612	-4.2968	-17.576E-6	-0.073896	0.0
39.41667	4.14517	-4.10000	0.015039	-4.2968	-15.156E-6	-0.068200	0.0
40.00000	4.14517	-4.10000	0.018920	-4.2968	-13.130E-6	-0.063080	0.0
5.00000	4.73733	-4.10000	-0.17315	-4.2968	-222.24E-6	-0.35197	2.4013E-6
5.58333	4.73733	-4.10000	-0.21447	-4.2968	-269.54E-6	-0.36853	2.6655E-6
6.16667	4.73733	-4.10000	-0.23979	-4.2968	-327.20E-6	-0.40932	2.9600E-6
6.75000	4.73733	-4.10000	-0.26654	-4.2968	-396.86E-6	-0.45451	3.2860E-6
7.33333	4.73733	-4.10000	-0.29458	-4.2968	-479.96E-6	-0.50412	3.6438E-6
7.91667	4.73733	-4.10000	-0.32369	-4.2968	-577.13E-6	-0.55794	4.0319E-6
8.50000	4.73733	-4.10000	-0.35360	-4.2968	-687.92E-6	-0.61545	4.4463E-6
9.08333	4.73733	-4.10000	-0.38394	-4.2968	-810.25E-6	-0.67574	4.8807E-6
9.66667	4.73733	-4.10000	-0.41431	-4.2968	-940.35E-6	-0.73758	5.3262E-6
10.25000	4.73733	-4.10000	-0.44424	-4.2968	-0.0010731	-0.79949	5.7720E-6
10.83333	4.73733	-4.10000	-0.47328	-4.2968	-0.0012028	-0.85968	6.2068E-6
11.41667	4.73733	-4.10000	-0.50097	-4.2968	-0.0013239	-0.91719	6.6198E-6
12.00000	4.73733	-4.10000	-0.52692	-4.2968	-0.0014328	-0.97023	7.0019E-6
12.58333	4.73733	-4.10000	-0.55077	-4.2968	-0.0015269	-1.0181	7.3467E-6
13.16667	4.73733	-4.10000	-0.57229	-4.2968	-0.0016052	-1.0602	7.6504E-6
13.75000	4.73733	-4.10000	-0.59128	-4.2968	-0.0016688	-1.0965	7.9119E-6
14.33333	4.73733	-4.10000	-0.60766	-4.2968	-0.0017184	-1.1271	8.1326E-6
14.91667	4.73733	-4.10000	-0.62137	-4.2968	-0.0017575	-1.1524	8.3153E-6
15.50000	4.73733	-4.10000	-0.63242	-4.2968	-0.0017889	-1.1730	8.4639E-6
16.08333	4.73733	-4.10000	-0.64084	-4.2968	-0.0018154	-1.1894	8.5823E-6
16.66667	4.73733	-4.10000	-0.64664	-4.2968	-0.0018369	-1.2028	8.6731E-6
17.25000	4.73733	-4.10000	-0.64984	-4.2968	-0.0018603	-1.2110	8.7379E-6
17.83333	4.73733	-4.10000	-0.65044	-4.2968	-0.0018790	-1.2163	8.7762E-6
18.41667	4.73733	-4.10000	-0.64840	-4.2968	-0.0018939	-1.2178	8.7866E-6
19.00000	4.73733	-4.10000	-0.64370	-4.2968	-0.0019034	-1.2151	8.7667E-6
19.58333	4.73733	-4.10000	-0.63633	-4.2968	-0.0019088	-1.2079	8.7141E-6
20.16667	4.73733	-4.10000	-0.62625	-4.2968	-0.0019005	-1.1957	8.6264E-6
20.75000	4.73733	-4.10000	-0.61348	-4.2968	-0.0018858	-1.1785	8.5017E-6
21.33333	4.73733	-4.10000	-0.59806	-4.2968	-0.0018611	-1.1559	8.3382E-6
21.91667	4.73733	-4.10000	-0.58003	-4.2968	-0.0018254	-1.1277	8.1348E-6
22.50000	4.73733	-4.10000	-0.55951	-4.2968	-0.0017777	-1.0939	7.8906E-6
23.08333	4.73733	-4.10000	-0.53664	-4.2968	-0.0017169	-1.0543	7.6052E-6
23.66667	4.73733	-4.10000	-0.51159	-4.2968	-0.0016417	-1.0091	7.2793E-6
24.25000	4.73733	-4.10000	-0.48462	-4.2968	-0.0015515	-0.95854	6.9146E-6
24.83333	4.73733	-4.10000	-0.45601	-4.2968	-0.0014462	-0.90305	6.5146E-6
25.41667	4.73733	-4.10000	-0.42612	-4.2968	-0.0013271	-0.84343	6.0850E-6
26.00000	4.73733	-4.10000	-0.39534	-4.2968	-0.0011970	-0.78076	5.6336E-6
26.58333	4.73733	-4.10000	-0.36412	-4.2968	-0.0010604	-0.71641	5.1701E-6
27.16667	4.73733	-4.10000	-0.33289	-4.2968	-922.41E-6	-0.65187	4.7053E-6
27.75000	4.73733	-4.10000	-0.30211	-4.2968	-838.35E-6	-0.58966	4.2499E-6
28.33333	4.73733	-4.10000	-0.27215	-4.2968	-763.77E-6	-0.5288	3.8137E-6
28.91667	4.73733	-4.10000	-0.24337	-4.2968	-550.15E-6	-0.47127	3.4042E-6
29.50000	4.7						



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses	
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]
				Sum Princ [kN/m ²]
				Vert Strain [-]
8.50000	5.32950	-4.10000	-0.40093	-4.2968
9.08333	5.32950	-4.10000	-0.43652	-4.2968
9.66667	5.32950	-4.10000	-0.47227	-4.2968
10.25000	5.32950	-4.10000	-0.50758	-4.2968
10.83333	5.32950	-4.10000	-0.54183	-4.2968
11.41667	5.32950	-4.10000	-0.57444	-4.2968
12.00000	5.32950	-4.10000	-0.60488	-4.2968
12.58333	5.32950	-4.10000	-0.63273	-4.2968
13.16667	5.32950	-4.10000	-0.65771	-4.2968
13.75000	5.32950	-4.10000	-0.67962	-4.2968
14.33333	5.32950	-4.10000	-0.69838	-4.2968
14.91667	5.32950	-4.10000	-0.71399	-4.2968
15.50000	5.32950	-4.10000	-0.72653	-4.2968
16.08333	5.32950	-4.10000	-0.73606	-4.2968
16.66667	5.32950	-4.10000	-0.74265	-4.2968
17.25000	5.32950	-4.10000	-0.74633	-4.2968
17.83333	5.32950	-4.10000	-0.74710	-4.2968
18.41667	5.32950	-4.10000	-0.74492	-4.2968
19.00000	5.32950	-4.10000	-0.73972	-4.2968
19.58333	5.32950	-4.10000	-0.73145	-4.2968
20.16667	5.32950	-4.10000	-0.72007	-4.2968
20.75000	5.32950	-4.10000	-0.70556	-4.2968
21.33333	5.32950	-4.10000	-0.68794	-4.2968
21.91667	5.32950	-4.10000	-0.66725	-4.2968
22.50000	5.32950	-4.10000	-0.64360	-4.2968
23.08333	5.32950	-4.10000	-0.61712	-4.2968
23.66667	5.32950	-4.10000	-0.58800	-4.2968
24.25000	5.32950	-4.10000	-0.55653	-4.2968
24.83333	5.32950	-4.10000	-0.52303	-4.2968
25.41667	5.32950	-4.10000	-0.48793	-4.2968
26.00000	5.32950	-4.10000	-0.45174	-4.2968
26.58333	5.32950	-4.10000	-0.41501	-4.2968
27.16667	5.32950	-4.10000	-0.37831	-4.2968
27.75000	5.32950	-4.10000	-0.34223	-4.2968
28.33333	5.32950	-4.10000	-0.30726	-4.2968
28.91667	5.32950	-4.10000	-0.27385	-4.2968
29.50000	5.32950	-4.10000	-0.24231	-4.2968
30.08333	5.32950	-4.10000	-0.21286	-4.2968
30.66667	5.32950	-4.10000	-0.18563	-4.2968
31.25000	5.32950	-4.10000	-0.16065	-4.2968
31.83333	5.32950	-4.10000	-0.13788	-4.2968
32.41667	5.32950	-4.10000	-0.11725	-4.2968
33.00000	5.32950	-4.10000	-0.098645	-4.2968
33.58333	5.32950	-4.10000	-0.081917	-4.2968
34.16667	5.32950	-4.10000	-0.066927	-4.2968
34.75000	5.32950	-4.10000	-0.05358	-4.2968
35.33333	5.32950	-4.10000	-0.041579	-4.2968
35.91667	5.32950	-4.10000	-0.030945	-4.2968
36.50000	5.32950	-4.10000	-0.021501	-4.2968
37.08333	5.32950	-4.10000	-0.013131	-4.2968
37.66667	5.32950	-4.10000	-0.0057295	-4.2968
38.25000	5.32950	-4.10000	801.24E-6	-4.2968
38.83333	5.32950	-4.10000	0.0065485	-4.2968
39.41667	5.32950	-4.10000	0.011592	-4.2968
40.00000	5.32950	-4.10000	0.033950	-4.2968
5.00000	5.92167	-4.10000	-0.23752	-4.2968
5.58333	5.92167	-4.10000	-0.26796	-4.2968
6.16667	5.92167	-4.10000	-0.30078	-4.2968
6.75000	5.92167	-4.10000	-0.33592	-4.2968
7.33333	5.92167	-4.10000	-0.37199	-4.2968
7.91667	5.92167	-4.10000	-0.41263	-4.2968
8.50000	5.92167	-4.10000	-0.45358	-4.2968
9.08333	5.92167	-4.10000	-0.49558	-4.2968
9.66667	5.92167	-4.10000	-0.53796	-4.2968
10.25000	5.92167	-4.10000	-0.57990	-4.2968
10.83333	5.92167	-4.10000	-0.62059	-4.2968
11.41667	5.92167	-4.10000	-0.65922	-4.2968
12.00000	5.92167	-4.10000	-0.69511	-4.2968
12.58333	5.92167	-4.10000	-0.72775	-4.2968
13.16667	5.92167	-4.10000	-0.75768	-4.2968
13.75000	5.92167	-4.10000	-0.78201	-4.2968
14.33333	5.92167	-4.10000	-0.80343	-4.2968
14.91667	5.92167	-4.10000	-0.82111	-4.2968
15.50000	5.92167	-4.10000	-0.83522	-4.2968
16.08333	5.92167	-4.10000	-0.84583	-4.2968
16.66667	5.92167	-4.10000	-0.85339	-4.2968
17.25000	5.92167	-4.10000	-0.85765	-4.2968
17.83333	5.92167	-4.10000	-0.85870	-4.2968
18.41667	5.92167	-4.10000	-0.85645	-4.2968
19.00000	5.92167	-4.10000	-0.85078	-4.2968
19.58333	5.92167	-4.10000	-0.84160	-4.2968
20.16667	5.92167	-4.10000	-0.82882	-4.2968
20.75000	5.92167	-4.10000	-0.81239	-4.2968
21.33333	5.92167	-4.10000	-0.79230	-4.2968
21.91667	5.92167	-4.10000	-0.76859	-4.2968
22.50000	5.92167	-4.10000	-0.74133	-4.2968
23.08333	5.92167	-4.10000	-0.71065	-4.2968
23.66667	5.92167	-4.10000	-0.67676	-4.2968
24.25000	5.92167	-4.10000	-0.63993	-4.2968
24.83333	5.92167	-4.10000	-0.60156	-4.2968
25.41667	5.92167	-4.10000	-0.55915	-4.2968
26.00000	5.92167	-4.10000	-0.51633	-4.2968
26.58333	5.92167	-4.10000	-0.47283	-4.2968
27.16667	5.92167	-4.10000	-0.42943	-4.2968
27.75000	5.92167	-4.10000	-0.38698	-4.2968
28.33333	5.92167	-4.10000	-0.34586	-4.2968
28.91667	5.92167	-4.10000	-0.30691	-4.2968
29.50000	5.92167	-4.10000	-0.27042	-4.2968
30.08333	5.92167	-4.10000	-0.22665	-4.2968
30.66667	5.92167	-4.10000	-0.21621	-4.2968
31.25000	5.92167	-4.10000	-0.17752	-4.2968
31.83333	5.92167	-4.10000	-0.15207	-4.2968
32.41667	5.92167	-4.10000	-0.12919	-4.2968
33.00000	5.92167	-4.10000	-0.10970	-4.2968
33.58333	5.92167	-4.10000	-0.090403	-4.2968
34.16667	5.92167	-4.10000	-0.074099	-4.2968
34.75000	5.92167	-4.10000	-0.059600	-4.2968
35.33333	5.92167	-4.10000	-0.046727	-4.2968
35.91667	5.92167	-4.10000	-0.035315	-4.2968
36.50000	5.92167	-4.10000	-0.025213	-4.2968
37.08333	5.92167	-4.10000	-0.016286	-4.2968
37.66667	5.92167	-4.10000	-0.0084094	-4.2968
38.25000	5.92167	-4.10000	-0.0014745	-4.2968
38.83333	5.92167	-4.10000	-0.004613	-4.2968
39.41667	5.92167	-4.10000	0.0099570	-4.2968
40.00000	5.92167	-4.10000	0.014622	-4.2968
5.00000	6.51383	-4.10000	-0.26275	-4.2968
5.58333	6.51383	-4.10000	-0.29708	-4.2968
6.16667	6.51383	-4.10000	-0.33438	-4.2968
6.75000	6.51383	-4.10000	-0.37468	-4.2968
7.33333	6.51383	-4.10000	-0.41792	-4.2968
7.91667	6.51383	-4.10000	-0.46389	-4.2968
8.50000	6.51383	-4.10000	-0.51217	-4.2968
9.08333	6.51383	-4.10000	-0.56210	-4.2968
9.66667	6.51383	-4.10000	-0.613279	-4.2968
10.25000	6.51383	-4.10000	-0.66311	-4.2968
10.83333	6.51383	-4.10000	-0.71188	-4.2968
11.41667	6.51383	-4.10000	-0.75801	-4.2968
12.00000	6.51383	-4.10000	-0.80060	-4.2968
12.58333	6.51383	-4.10000	-0.83959	-4.2968
13.16667	6.51383	-4.10000	-0.87277	-4.2968
13.75000	6.51383	-4.10000	-0.90180	-4.2968
14.33333	6.51383	-4.10000	-0.92611	-4.2968
14.91667	6.51383	-4.10000	-0.94594	-4.2968
15.50000	6.51383	-4.10000	-0.96164	-4.2968
16.08333	6.51383	-4.10000	-0.97356	-4.2968
16.66667	6.51383	-4.10000	-0.98197	-4.2968
17.25000	6.51383	-4.10000	-0.98695	-4.2968
17.83333	6.51383	-4.10000	-0.98844	-4.2968
18.41667	6.51383	-4.10000	-0.98628	-4.2968
19.00000	6.51383	-4.10000	-0.98026	-4.2968



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses			
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
19.58333	6.51383	-4.10000	-0.97019	-4.2968	-0.0076347	17.867E-6
20.16667	6.51383	-4.10000	-0.95593	-4.2968	-0.0076560	17.761E-6
20.75000	6.51383	-4.10000	-0.93740	-4.2968	-0.0076401	17.571E-6
21.33333	6.51383	-4.10000	-0.91456	-4.2968	-0.0075887	17.294E-6
21.91667	6.51383	-4.10000	-0.88742	-4.2968	-0.0075014	16.926E-6
22.50000	6.51383	-4.10000	-0.85603	-4.2968	-0.0073732	16.460E-6
23.08333	6.51383	-4.10000	-0.82048	-4.2968	-0.0071936	15.888E-6
23.66667	6.51383	-4.10000	-0.78097	-4.2968	-0.0069465	15.202E-6
24.25000	6.51383	-4.10000	-0.73777	-4.2968	-0.0066120	14.392E-6
24.83333	6.51383	-4.10000	-0.69128	-4.2968	-0.0061698	13.456E-6
25.41667	6.51383	-4.10000	-0.64211	-4.2968	-0.0056087	12.399E-6
26.00000	6.51383	-4.10000	-0.59106	-4.2968	-0.0049398	11.245E-6
26.58333	6.51383	-4.10000	-0.53909	-4.2968	-0.0042034	10.033E-6
27.16667	6.51383	-4.10000	-0.48730	-4.2968	-0.0034599	8.8173E-6
27.75000	6.51383	-4.10000	-0.43672	-4.2968	-0.0027659	7.6473E-6
28.33333	6.51383	-4.10000	-0.38827	-4.2968	-0.0021573	6.5633E-6
28.91667	6.51383	-4.10000	-0.34265	-4.2968	-0.0016475	5.5901E-6
29.50000	6.51383	-4.10000	-0.30031	-4.2968	-0.0012361	4.7391E-6
30.08333	6.51383	-4.10000	-0.26151	-4.2968	-914.82E-6	4.0108E-6
30.66667	6.51383	-4.10000	-0.22631	-4.2968	-671.29E-6	3.3983E-6
31.25000	6.51383	-4.10000	-0.19462	-4.2968	-491.29E-6	2.8493E-6
31.83333	6.51383	-4.10000	-0.16627	-4.2968	-360.59E-6	2.4698E-6
32.41667	6.51383	-4.10000	-0.14101	-4.2968	-266.68E-6	2.1248E-6
33.00000	6.51383	-4.10000	-0.11856	-4.2968	-199.40E-6	1.8406E-6
33.58333	6.51383	-4.10000	-0.098661	-4.2968	-151.06E-6	1.6057E-6
34.16667	6.51383	-4.10000	-0.081386	-4.2968	-116.06E-6	1.4104E-6
34.75000	6.51383	-4.10000	-0.065443	-4.2968	-90.446E-6	1.2468E-6
35.33333	6.51383	-4.10000	-0.051661	-4.2968	-71.465E-6	1.1088E-6
35.91667	6.51383	-4.10000	-0.039489	-4.2968	-57.208E-6	0.0
36.50000	6.51383	-4.10000	-0.028749	-4.2968	-46.357E-6	0.0
37.08333	6.51383	-4.10000	-0.019284	-4.2968	-37.972E-6	0.0
37.66667	6.51383	-4.10000	-0.010953	-4.2968	-31.421E-6	0.0
38.25000	6.51383	-4.10000	-0.006310	-4.2968	-26.238E-6	0.0
38.83333	6.51383	-4.10000	0.0027910	-4.2968	-22.090E-6	0.0
39.41667	6.51383	-4.10000	0.0084111	-4.2968	-18.737E-6	0.0
40.00000	6.51383	-4.10000	0.013316	-4.2968	-16.000E-6	0.0
5.00000	7.10600	-4.10000	-0.28895	-4.2968	-493.38E-6	3.6300E-6
5.58333	7.10600	-4.10000	-0.32757	-4.2968	-653.67E-6	4.1910E-6
6.16667	7.10600	-4.10000	-0.36989	-4.2968	-879.13E-6	4.8662E-6
6.75000	7.10600	-4.10000	-0.43007	-4.2968	-0.0012087	5.6810E-6
7.33333	7.10600	-4.10000	-0.46617	-4.2968	-0.0016593	6.6640E-6
7.91667	7.10600	-4.10000	-0.52007	-4.2968	-0.0023137	7.8429E-6
8.50000	7.10600	-4.10000	-0.57737	-4.2968	-0.0032244	9.2346E-6
9.08333	7.10600	-4.10000	-0.63732	-4.2968	-0.0044257	10.830E-6
9.66667	7.10600	-4.10000	-0.69468	-4.2968	-0.0058776	12.577E-6
10.25000	7.10600	-4.10000	-0.75984	-4.2968	-0.0074323	14.376E-6
10.83333	7.10600	-4.10000	-0.81906	-4.2968	-0.0088910	16.107E-6
11.41667	7.10600	-4.10000	-0.87472	-4.2968	-0.010116	17.676E-6
12.00000	7.10600	-4.10000	-0.92564	-4.2968	-0.011077	19.031E-6
12.58333	7.10600	-4.10000	-0.97101	-4.2968	-0.011868	20.157E-6
13.16667	7.10600	-4.10000	-1.0104	-4.2968	-0.012326	21.054E-6
13.75000	7.10600	-4.10000	-1.0437	-4.2968	-0.012649	21.730E-6
14.33333	7.10600	-4.10000	-1.0710	-4.2968	-0.012789	22.210E-6
14.91667	7.10600	-4.10000	-1.0929	-4.2968	-0.012791	22.538E-6
15.50000	7.10600	-4.10000	-1.1101	-4.2968	-0.012742	22.776E-6
16.08333	7.10600	-4.10000	-1.1231	-4.2968	-0.012743	22.989E-6
16.66667	7.10600	-4.10000	-1.1326	-4.2968	-0.012864	23.221E-6
17.25000	7.10600	-4.10000	-1.1385	-4.2968	-0.013100	23.474E-6
17.83333	7.10600	-4.10000	-1.1408	-4.2968	-0.013387	23.719E-6
18.41667	7.10600	-4.10000	-1.1390	-4.2968	-0.013657	23.918E-6
19.00000	7.10600	-4.10000	-1.1329	-4.2968	-0.013865	24.035E-6
19.58333	7.10600	-4.10000	-1.1220	-4.2968	-0.013995	24.050E-6
20.16667	7.10600	-4.10000	-1.1062	-4.2968	-0.014047	23.953E-6
20.75000	7.10600	-4.10000	-1.0854	-4.2968	-0.014031	23.740E-6
21.33333	7.10600	-4.10000	-1.0595	-4.2968	-0.013959	23.409E-6
21.91667	7.10600	-4.10000	-1.0285	-4.2968	-0.013837	22.957E-6
22.50000	7.10600	-4.10000	-0.99241	-4.2968	-0.013659	22.375E-6
23.08333	7.10600	-4.10000	-0.95123	-4.2968	-0.013402	21.646E-6
23.66667	7.10600	-4.10000	-0.90512	-4.2968	-0.013027	20.750E-6
24.25000	7.10600	-4.10000	-0.85408	-4.2968	-0.012488	19.661E-6
24.83333	7.10600	-4.10000	-0.79911	-4.2968	-0.011696	18.360E-6
25.41667	7.10600	-4.10000	-0.74027	-4.2968	-0.010616	16.841E-6
26.00000	7.10600	-4.10000	-0.67876	-4.2968	-0.0092412	15.133E-6
26.58333	7.10600	-4.10000	-0.61595	-4.2968	-0.0076794	13.312E-6
27.16667	7.10600	-4.10000	-0.55340	-4.2968	-0.0061605	11.483E-6
27.75000	7.10600	-4.10000	-0.49264	-4.2968	-0.0047080	9.7479E-6
28.33333	7.10600	-4.10000	-0.43492	-4.2968	-0.0035312	8.1744E-6
28.91667	7.10600	-4.10000	-0.38113	-4.2968	-0.0025886	6.7964E-6
29.50000	7.10600	-4.10000	-0.33180	-4.2968	-0.0018584	5.6234E-6
30.08333	7.10600	-4.10000	-0.28166	-4.2968	-0.0013122	4.6486E-6
30.66667	7.10600	-4.10000	-0.24718	-4.2968	-917.93E-6	3.8539E-6
31.25000	7.10600	-4.10000	-0.21163	-4.2968	-641.56E-6	3.2146E-6
31.83333	7.10600	-4.10000	-0.18018	-4.2968	-451.50E-6	2.7033E-6
32.41667	7.10600	-4.10000	-0.15244	-4.2968	-321.87E-6	2.2945E-6
33.00000	7.10600	-4.10000	-0.12801	-4.2968	-233.31E-6	1.9661E-6
33.58333	7.10600	-4.10000	-0.10651	-4.2968	-172.29E-6	1.7003E-6
34.16667	7.10600	-4.10000	-0.087592	-4.2968	-129.67E-6	1.4830E-6
34.75000	7.10600	-4.10000	-0.070940	-4.2968	-99.409E-6	1.3037E-6
35.33333	7.10600	-4.10000	-0.056286	-4.2968	-77.532E-6	1.1541E-6
35.91667	7.10600	-4.10000	-0.043992	-4.2968	-61.430E-6	1.0281E-6
36.50000	7.10600	-4.10000	-0.032049	-4.2968	-49.367E-6	0.0
37.08333	7.10600	-4.10000	-0.022078	-4.2968	-40.179E-6	0.0
37.66667	7.10600	-4.10000	-0.013319	-4.2968	-33.072E-6	0.0
38.25000	7.10600	-4.10000	-0.0056359	-4.2968	-27.497E-6	0.0
38.83333	7.10600	-4.10000	0.0010606	-4.2968	-23.066E-6	0.0
39.41667	7.10600	-4.10000	0.0069760	-4.2968	-19.505E-6	0.0
40.00000	7.10600	-4.10000	0.012105	-4.2968	-16.612E-6	0.0
5.00000	7.69817	-4.10000	-0.31585	-4.2968	-599.49E-6	4.0166E-6
5.58333	7.69817	-4.10000	-0.35912	-4.2968	-816.17E-6	4.6933E-6
6.16667	7.69817	-4.10000	-0.40700	-4.2968	-0.0011356	5.5285E-6
6.75000	7.69817	-4.10000	-0.45984	-4.2968	-0.0016178	6.5681E-6
7.33333	7.69817	-4.10000	-0.51791	-4.2968	-0.0023616	7.8711E-6
7.91667	7.69817	-4.10000	-0.58133	-4.2968	-0.0035237	9.5066E-6
8.50000	7.69817	-4.10000	-0.64988	-4.2968	-0.0053255	11.541E-6
9.08333	7.69817	-4.10000	-0.72275	-4.2968	-0.0079904	14.003E-6
9.66667	7.69817	-4.10000	-0.79832	-4.2968	-0.011523	16.816E-6
10.25000	7.69817	-4.10000	-0.87410	-4.2968	-0.015447	19.764E-6
10.83333	7.69817	-4.10000	-0.94724	-4.2968	-0.018987	22.559E-6
11.41667	7.69817	-4.10000	-1.0153	-4.2968	-0.021694	24.996E-6
12.00000	7.69817	-4.10000	-1.0767	-4.2968	-0.023649	27.019E-6
12.58333	7.69817	-4.10000	-1.1307	-4.2968	-0.025096	28.649E-6
13.16667	7.69817	-4.10000	-1.1767	-4.2968	-0.026135	29.903E-6
13.75000	7.69817	-4.10000	-1.2147	-4.2968	-0.026734	30.788E-6
14.33333	7.69817	-4.10000	-1.2451	-4.2968	-0.026867	31.333E-6
14.91667	7.69817	-4.10000	-1.2687	-4.2968	-0.026612	31.613E-6
15.50000	7.69817	-4.10000	-1.2868	-4.2968	-0.026197	31.763E-6
16.08333	7.69817	-4.10000	-1.3006	-4.2968	-0.025974	31.942E-6
16.66667	7.69817	-4.10000	-1.3112	-4.2968	-0.026206	32.255E-6
17.25000	7.69817	-4.10000	-1.3185	-4.2968	-0.026444	32.694E-6
17.83333	7.69817	-4.10000	-1.3222	-4.2968	-0.027637	33.166E-6
18.41667	7.69817	-4.10000	-1.3215	-4.2968	-0.028295	33.568E-6
19.00000	7.69817	-4.10000	-1.3156	-4.2968	-0.028783	33.835E-6
19.58333	7.69817	-4.10000	-1.3042	-4.2968	-0.029069	33.936E-6
20.16667	7.69817	-4.10000	-1.2869	-4.2968	-0.029169	33.864E-6
20.75000	7.69817	-4.10000	-1.2637	-4.2968	-0.029123	33.623E-6
21.33333	7.69817	-4.10000	-1.2344	-4.2968	-0.028990	33.224E-6
21.91667	7.69817	-4.10000	-1.1990	-4.2968	-0.028813	32.667E-6
22.50000	7.69817	-4.10000	-1.1575	-4.2968	-0.028578	31.940E-6
23.08333	7.69817	-4.10000	-1.1109	-4.2968	-0.028369	31.011E-6
23.66667	7.69817	-4.10000	-1.0560	-4.2968	-0.027678	29.836E-6
24.25000	7.69817	-4.10000	-0.99608	-4.2968	-0.026779	28.355E-6
24.83333	7.69817	-4.10000	-0.93024	-4.2968	-0.025312	26.499



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
30.66667	7.69817	-4.10000	-0.26780	-4.2968	-0.0012855	-0.60826	4.3812E-6
31.25000	7.69817	-4.10000	-0.22808	-4.2968	-846.76E-6	-0.49505	3.5701E-6
31.83333	7.69817	-4.10000	-0.19341	-4.2968	-565.62E-6	-0.40811	2.9461E-6
32.41667	7.69817	-4.10000	-0.16317	-4.2968	-385.97E-6	-0.34103	2.4637E-6
33.00000	7.69817	-4.10000	-0.13679	-4.2968	-270.08E-6	-0.28873	2.0870E-6
33.58333	7.69817	-4.10000	-0.11316	-4.2968	-194.01E-6	-0.24740	1.7691E-6
34.16667	7.69817	-4.10000	-0.093609	-4.2968	-142.94E-6	-0.21427	1.5501E-6
34.75000	7.69817	-4.10000	-0.075969	-4.2968	-107.82E-6	-0.18733	1.3556E-6
35.33333	7.69817	-4.10000	-0.060508	-4.2968	-83.072E-6	-0.16512	1.1951E-6
35.91667	7.69817	-4.10000	-0.046948	-4.2968	-65.212E-6	-0.14659	1.0612E-6
36.50000	7.69817	-4.10000	-0.035053	-4.2968	-52.038E-6	-0.13095	0.0
37.08333	7.69817	-4.10000	-0.024619	-4.2968	-42.122E-6	-0.11763	0.0
37.66667	7.69817	-4.10000	-0.015471	-4.2968	-34.522E-6	-0.10618	0.0
38.25000	7.69817	-4.10000	-0.0074580	-4.2968	-28.602E-6	-0.096263	0.0
38.83333	7.69817	-4.10000	-448.49E-6	-4.2968	-23.925E-6	-0.087613	0.0
39.41667	7.69817	-4.10000	0.0056724	-4.2968	-20.183E-6	-0.080023	0.0
40.00000	7.69817	-4.10000	0.011006	-4.2968	-17.154E-6	-0.073326	0.0
5.00000	8.29033	-4.10000	-0.34310	-4.2968	-722.54E-6	-0.61332	4.4302E-6
5.58333	8.29033	-4.10000	-0.39134	-4.2968	-0.0010114	-0.72607	5.2412E-6
6.16667	8.29033	-4.10000	-0.44527	-4.2968	-0.0014585	-0.86921	6.2691E-6
6.75000	8.29033	-4.10000	-0.50552	-4.2968	-0.0021781	-1.0562	7.5930E-6
7.33333	8.29033	-4.10000	-0.57275	-4.2968	-0.0033876	-1.2969	9.3271E-6
7.91667	8.29033	-4.10000	-0.64754	-4.2968	-0.0055090	-1.6213	11.633E-6
8.50000	8.29033	-4.10000	-0.73021	-4.2968	-0.0093417	-2.0585	14.719E-6
9.08333	8.29033	-4.10000	-0.82029	-4.2968	-0.016158	-2.6397	18.784E-6
9.66667	8.29033	-4.10000	-0.92519	-4.2968	-0.026515	-3.3650	23.807E-6
10.25000	8.29033	-4.10000	-1.0125	-4.2968	-0.039849	-4.1548	29.251E-6
10.83333	8.29033	-4.10000	-1.1052	-4.2968	-0.050651	-4.8752	34.238E-6
11.41667	8.29033	-4.10000	-1.1898	-4.2968	-0.057473	-5.4513	38.265E-6
12.00000	8.29033	-4.10000	-1.2647	-4.2968	-0.061736	-5.9701	41.404E-6
12.58333	8.29033	-4.10000	-1.3293	-4.2968	-0.065052	-6.2485	43.880E-6
13.16667	8.29033	-4.10000	-1.3834	-4.2968	-0.067689	-6.5155	45.758E-6
13.75000	8.29033	-4.10000	-1.4267	-4.2968	-0.069191	-6.6890	46.983E-6
14.33333	8.29033	-4.10000	-1.4598	-4.2968	-0.069274	-6.7667	47.544E-6
14.91667	8.29033	-4.10000	-1.4839	-4.2968	-0.067972	-6.7652	47.561E-6
15.50000	8.29033	-4.10000	-1.5015	-4.2968	-0.065860	-6.7267	47.328E-6
16.08333	8.29033	-4.10000	-1.5153	-4.2968	-0.064389	-6.7162	47.284E-6
16.66667	8.29033	-4.10000	-1.5271	-4.2968	-0.064964	-6.7827	47.754E-6
17.25000	8.29033	-4.10000	-1.5371	-4.2968	-0.067231	-6.9152	48.665E-6
17.83333	8.29033	-4.10000	-1.5435	-4.2968	-0.067470	-7.0631	49.681E-6
18.41667	8.29033	-4.10000	-1.5449	-4.2968	-0.071665	-7.1859	50.531E-6
19.00000	8.29033	-4.10000	-1.5401	-4.2968	-0.072916	-7.2680	51.099E-6
19.58333	8.29033	-4.10000	-1.5285	-4.2968	-0.073591	-7.3066	51.364E-6
20.16667	8.29033	-4.10000	-1.5098	-4.2968	-0.073722	-7.3030	51.335E-6
20.75000	8.29033	-4.10000	-1.4839	-4.2968	-0.073339	-7.2615	51.041E-6
21.33333	8.29033	-4.10000	-1.4508	-4.2968	-0.072957	-7.1902	50.534E-6
21.91667	8.29033	-4.10000	-1.4106	-4.2968	-0.072670	-7.0939	49.842E-6
22.50000	8.29033	-4.10000	-1.3630	-4.2968	-0.072451	-6.9692	48.943E-6
23.08333	8.29033	-4.10000	-1.3080	-4.2968	-0.072110	-6.8068	47.774E-6
23.66667	8.29033	-4.10000	-1.2452	-4.2968	-0.071425	-6.6245	46.244E-6
24.25000	8.29033	-4.10000	-1.1743	-4.2968	-0.070034	-6.3109	44.224E-6
24.83333	8.29033	-4.10000	-1.0954	-4.2968	-0.067211	-5.9291	41.517E-6
25.41667	8.29033	-4.10000	-1.0084	-4.2968	-0.061604	-5.4111	37.884E-6
26.00000	8.29033	-4.10000	-0.91451	-4.2968	-0.051759	-4.7354	33.201E-6
26.58333	8.29033	-4.10000	-0.80866	-4.2968	-0.038700	-3.9706	27.806E-6
27.16667	8.29033	-4.10000	-0.71998	-4.2968	-0.026642	-3.1821	22.487E-6
27.75000	8.29033	-4.10000	-0.62789	-4.2968	-0.018026	-2.5145	17.835E-6
28.33333	8.29033	-4.10000	-0.54293	-4.2968	-0.012178	-1.9636	13.969E-6
28.91667	8.29033	-4.10000	-0.46621	-4.2968	-0.0080096	-1.5162	10.817E-6
29.50000	8.29033	-4.10000	-0.39818	-4.2968	-0.0054018	-1.1222	8.3151E-6
30.08333	8.29033	-4.10000	-0.33879	-4.2968	-0.0030687	-0.89242	6.4023E-6
30.66667	8.29033	-4.10000	-0.28749	-4.2968	-0.0018473	-0.69304	4.9836E-6
31.25000	8.29033	-4.10000	-0.24337	-4.2968	-0.0011252	-0.54777	3.9462E-6
31.83333	8.29033	-4.10000	-0.20546	-4.2968	-704.15E-6	-0.44168	3.1864E-6
32.41667	8.29033	-4.10000	-0.17081	-4.2968	-456.37E-6	-0.3631	2.6226E-6
33.00000	8.29033	-4.10000	-0.14461	-4.2968	-307.10E-6	-0.30392	2.1964E-6
33.58333	8.29033	-4.10000	-0.12017	-4.2968	-214.33E-6	-0.25826	1.8674E-6
34.16667	8.29033	-4.10000	-0.098925	-4.2968	-154.67E-6	-0.22234	1.6083E-6
34.75000	8.29033	-4.10000	-0.080405	-4.2968	-114.95E-6	-0.19352	1.4003E-6
35.33333	8.29033	-4.10000	-0.064231	-4.2968	-87.644E-6	-0.17126	1.2304E-6
35.91667	8.29033	-4.10000	-0.050085	-4.2968	-68.291E-6	-0.15053	1.0897E-6
36.50000	8.29033	-4.10000	-0.037704	-4.2968	-54.202E-6	-0.13419	0.0
37.08333	8.29033	-4.10000	-0.026863	-4.2968	-43.700E-6	-0.12033	0.0
37.66667	8.29033	-4.10000	-0.017372	-4.2968	-35.708E-6	-0.10845	0.0
38.25000	8.29033	-4.10000	-0.0098084	-4.2968	-29.516E-6	-0.090568	0.0
38.83333	8.29033	-4.10000	-0.0018120	-4.2968	-24.642E-6	-0.089266	0.0
39.41667	8.29033	-4.10000	0.0045195	-4.2968	-20.753E-6	-0.081449	0.0
40.00000	8.29033	-4.10000	0.010033	-4.2968	-17.614E-6	-0.074563	0.0
5.00000	8.88250	-4.10000	-0.37025	-4.2968	-860.36E-6	-0.67342	4.8628E-6
5.58333	8.88250	-4.10000	-0.42369	-4.2968	-0.0012371	-0.8072	5.8245E-6
6.16667	8.88250	-4.10000	-0.48404	-4.2968	-0.0018481	-0.98173	7.0762E-6
6.75000	8.88250	-4.10000	-0.55235	-4.2968	-0.0028965	-1.2152	8.7458E-6
7.33333	8.88250	-4.10000	-0.62985	-4.2968	-0.0048256	-1.5374	11.039E-6
7.91667	8.88250	-4.10000	-0.71800	-4.2968	-0.0086926	-1.9989	14.301E-6
8.50000	8.88250	-4.10000	-0.81833	-4.2968	-0.017245	-2.6882	19.111E-6
9.08333	8.88250	-4.10000	-0.93202	-4.2968	-0.037746	-3.7501	26.363E-6
9.66667	8.88250	-4.10000	-1.0579	-4.2968	-0.084056	-5.3287	36.799E-6
10.25000	8.88250	-4.10000	-1.1883	-4.2968	-0.15222	-7.2220	49.041E-6
10.83333	8.88250	-4.10000	-1.3107	-4.2968	-0.20044	-8.7965	59.406E-6
11.41667	8.88250	-4.10000	-1.4278	-4.2968	-0.22478	-9.9266	66.456E-6
12.00000	8.88250	-4.10000	-1.5097	-4.2968	-0.22971	-10.541	71.412E-6
12.58333	8.88250	-4.10000	-1.5880	-4.2968	-0.24017	-11.136	75.500E-6
13.16667	8.88250	-4.10000	-1.6525	-4.2968	-0.25056	-11.617	78.759E-6
13.75000	8.88250	-4.10000	-1.7021	-4.2968	-0.25656	-11.905	80.718E-6
14.33333	8.88250	-4.10000	-1.7369	-4.2968	-0.25721	-11.979	81.197E-6
14.91667	8.88250	-4.10000	-1.7589	-4.2968	-0.25183	-11.834	80.307E-6
15.50000	8.88250	-4.10000	-1.7724	-4.2968	-0.24026	-11.567	78.621E-6
16.08333	8.88250	-4.10000	-1.7836	-4.2968	-0.22922	-11.386	77.553E-6
16.66667	8.88250	-4.10000	-1.7975	-4.2968	-0.23106	-11.517	78.460E-6
17.25000	8.88250	-4.10000	-1.8129	-4.2968	-0.21287	-10.879	70.879E-6
17.83333	8.88250	-4.10000	-1.8252	-4.2968	-0.25332	-12.262	83.375E-6
18.41667	8.88250	-4.10000	-1.8309	-4.2968	-0.25987	-12.539	85.243E-6
19.00000	8.88250	-4.10000	-1.8284	-4.2968	-0.26386	-12.714	86.424E-6
19.58333	8.88250	-4.10000	-1.8172	-4.2968	-0.26616	-12.803	87.007E-6
20.16667	8.88250	-4.10000	-1.7970	-4.2968	-0.26617	-12.805	87.030E-6
20.75000	8.88250	-4.10000	-1.7680	-4.2968	-0.26276	-12.727	86.541E-6
21.33333	8.88250	-4.10000	-1.7305	-4.2968	-0.25965	-12.613	85.783E-6
21.91667	8.88250	-4.10000	-1.6848	-4.2968	-0.25934	-12.493	84.917E-6
22.50000	8.88250	-4.10000	-1.6306	-4.2968	-0.25701	-12.348	83.854E-6
23.08333	8.88250	-4.10000	-1.5673	-4.2968	-0.26089	-12.156	82.445E-6
23.66667	8.88250	-4.10000	-1.4942	-4.2968	-0.26114	-11.892	80.521E-6
24.25000	8.88250	-4.10000	-1.4108	-4.2968	-0.26004	-11.516	77.822E-6
24.83333	8.88250	-4.10000	-1.3158	-4.2968	-0.25535	-10.957	73.871E-6
25.41667	8.88250	-4.10000	-1.2080	-4.2968	-0.24102	-10.700	67.773E-6
26.00000	8.88250	-4.10000	-1.0869	-4.2968	-0.19836	-8.6521	58.404E-6
26.58333	8.88250	-4.10000	-0.95695	-4.2968	-0.12763	-6.7800	46.372E-6
27.16667	8.88250	-4.10000	-0.82927	-4.2968	-0.071572	-5.0551	35.087E-6
27.75000	8.88250	-4.10000	-0.71166	-4.2968	-0.043496	-3.77	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
6.16667	9.47467	-4.10000	-0.52247	-4.2968	-0.0022905	-1.1002	7.9252E-6
6.75000	9.47467	-4.10000	-0.59924	-4.2968	-0.0037530	-1.3894	9.9900E-6
7.33333	9.47467	-4.10000	-0.68783	-4.2968	-0.0066761	-1.8079	12.960E-6
7.91667	9.47467	-4.10000	-0.79099	-4.2968	-0.013351	-2.4519	17.483E-6
8.50000	9.47467	-4.10000	-0.91269	-4.2968	-0.031841	-3.5355	24.936E-6
9.08333	9.47467	-4.10000	-1.0589	-4.2968	-0.098972	-5.6097	38.492E-6
9.66667	9.47467	-4.10000	-1.2370	-4.2968	-0.43906	-10.164	64.128E-6
10.25000	9.47467	-4.10000	-1.4373	-4.2968	-1.3789	-17.751	98.689E-6
10.83333	9.47467	-4.10000	-1.6115	-4.2968	-1.7931	-22.521	124.25E-6
11.41667	9.47467	-4.10000	-1.7478	-4.2968	-1.8568	-24.371	136.28E-6
12.00000	9.47467	-4.10000	-1.8594	-4.2968	-1.8731	-25.396	143.36E-6
12.58333	9.47467	-4.10000	-1.9571	-4.2968	-1.9509	-26.736	151.38E-6
13.16667	9.47467	-4.10000	-2.0380	-4.2968	-2.0389	-28.028	158.83E-6
13.75000	9.47467	-4.10000	-2.0961	-4.2968	-2.0862	-28.715	162.79E-6
14.33333	9.47467	-4.10000	-2.1311	-4.2968	-2.1384	-28.809	162.98E-6
14.91667	9.47467	-4.10000	-2.1453	-4.2968	-2.1007	-28.270	159.24E-6
15.50000	9.47467	-4.10000	-2.1445	-4.2968	-2.0232	-26.994	151.68E-6
16.08333	9.47467	-4.10000	-2.1444	-4.2968	-1.8561	-25.682	145.80E-6
16.66667	9.47467	-4.10000	-2.1632	-4.2968	-1.8425	-26.091	149.06E-6
17.25000	9.47467	-4.10000	-2.1940	-4.2968	-1.9597	-27.619	157.59E-6
17.83333	9.47467	-4.10000	-2.2133	-4.2968	-2.0233	-28.764	164.40E-6
18.41667	9.47467	-4.10000	-2.2330	-4.2968	-2.0681	-29.450	168.51E-6
19.00000	9.47467	-4.10000	-2.2346	-4.2968	-2.0986	-29.865	170.85E-6
19.58333	9.47467	-4.10000	-2.2247	-4.2968	-2.1248	-30.105	172.02E-6
20.16667	9.47467	-4.10000	-2.2037	-4.2968	-2.1366	-30.143	172.04E-6
20.75000	9.47467	-4.10000	-2.1695	-4.2968	-2.0526	-29.776	171.01E-6
21.33333	9.47467	-4.10000	-2.1262	-4.2968	-1.9943	-29.384	169.63E-6
21.91667	9.47467	-4.10000	-2.0747	-4.2968	-2.0089	-29.278	168.55E-6
22.50000	9.47467	-4.10000	-2.0134	-4.2968	-2.0315	-29.190	167.42E-6
23.08333	9.47467	-4.10000	-1.9412	-4.2968	-2.0548	-29.045	165.86E-6
23.66667	9.47467	-4.10000	-1.8594	-4.2968	-2.0777	-28.774	163.58E-6
24.25000	9.47467	-4.10000	-1.7593	-4.2968	-2.0987	-28.388	160.14E-6
24.83333	9.47467	-4.10000	-1.6460	-4.2968	-2.1124	-27.666	154.61E-6
25.41667	9.47467	-4.10000	-1.5118	-4.2968	-2.0887	-26.174	144.31E-6
26.00000	9.47467	-4.10000	-1.3468	-4.2968	-1.7900	-22.313	122.65E-6
26.58333	9.47467	-4.10000	-1.1504	-4.2968	-0.75826	-14.308	89.402E-6
27.16667	9.47467	-4.10000	-0.96715	-4.2968	-0.24337	-9.0860	60.570E-6
27.75000	9.47467	-4.10000	-0.81250	-4.2968	-0.13534	-6.3632	43.182E-6
28.33333	9.47467	-4.10000	-0.67857	-4.2968	-0.088136	-4.5365	30.968E-6
28.91667	9.47467	-4.10000	-0.56197	-4.2968	-0.048224	-3.0490	21.053E-6
29.50000	9.47467	-4.10000	-0.46390	-4.2968	-0.021591	-1.9614	13.748E-6
30.08333	9.47467	-4.10000	-0.38409	-4.2968	-0.0091066	-1.2829	9.1018E-6
30.66667	9.47467	-4.10000	-0.31962	-4.2968	-0.0040085	-0.88387	6.3199E-6
31.25000	9.47467	-4.10000	-0.26706	-4.2968	-0.0019178	-0.64492	4.6332E-6
31.83333	9.47467	-4.10000	-0.22358	-4.2968	-0.0010070	-0.49458	3.5623E-6
32.41667	9.47467	-4.10000	-0.18712	-4.2968	-578.22E-6	-0.39444	2.8466E-6
33.00000	9.47467	-4.10000	-0.15618	-4.2968	-359.19E-6	-0.32408	2.3414E-6
33.58333	9.47467	-4.10000	-0.12969	-4.2968	-238.36E-6	-0.27233	1.9689E-6
34.16667	9.47467	-4.10000	-0.10685	-4.2968	-166.85E-6	-0.23281	1.6840E-6
34.75000	9.47467	-4.10000	-0.087467	-4.2968	-121.84E-6	-0.20171	1.4595E-6
35.33333	9.47467	-4.10000	-0.069855	-4.2968	-91.990E-6	-0.17663	1.2783E-6
35.91667	9.47467	-4.10000	-0.054854	-4.2968	-71.301E-6	-0.15601	1.1293E-6
36.50000	9.47467	-4.10000	-0.041756	-4.2968	-56.436E-6	-0.13880	1.0049E-6
37.08333	9.47467	-4.10000	-0.030309	-4.2968	-45.435E-6	-0.12425	0.0
37.66667	9.47467	-4.10000	-0.021002	-4.2968	-37.093E-6	-0.11682	0.0
38.25000	9.47467	-4.10000	-0.011559	-4.2968	-30.643E-6	-0.10110	0.0
38.83333	9.47467	-4.10000	-0.0039259	-4.2968	-25.568E-6	-0.091786	0.0
39.41667	9.47467	-4.10000	0.0027291	-4.2968	-21.520E-6	-0.083645	0.0
40.00000	9.47467	-4.10000	0.0085205	-4.2968	-18.252E-6	-0.076484	0.0
5.00000	10.65900	-4.10000	-0.46683	-4.2968	-0.0011588	-0.79458	5.7372E-6
5.58333	10.65900	-4.10000	-0.48601	-4.2968	-0.0017408	-0.97445	7.0258E-6
6.16667	10.65900	-4.10000	-0.55955	-4.2968	-0.0027552	-1.2194	8.7790E-6
6.75000	10.65900	-4.10000	-0.64480	-4.2968	-0.0046763	-1.5674	11.260E-6
7.33333	10.65900	-4.10000	-0.74467	-4.2968	-0.0087563	-2.0907	14.964E-6
7.91667	10.65900	-4.10000	-0.86583	-4.2968	-0.016533	-2.9315	20.931E-6
8.50000	10.65900	-4.10000	-1.0087	-4.2968	-0.052591	-4.5321	31.709E-6
9.08333	10.65900	-4.10000	-1.1949	-4.2968	-0.23215	-8.2782	54.959E-6
9.66667	10.65900	-4.10000	-1.4672	-4.2968	-3.1106	-23.262	100.98E-6
10.25000	10.65900	-4.10000	-2.0323	-4.2968	-42.261	-86.404	-292.69E-6
10.83333	10.65900	-4.10000	-2.3075	-4.2968	-46.877	-103.665	-267.99E-6
11.41667	10.65900	-4.10000	-2.4695	-4.2968	-46.803	-105.02	-256.53E-6
12.00000	10.65900	-4.10000	-2.5899	-4.2968	-45.894	-103.49	-247.84E-6
12.58333	10.65900	-4.10000	-2.7300	-4.2968	-47.778	-109.98	-241.77E-6
13.16667	10.65900	-4.10000	-2.8517	-4.2968	-49.547	-116.63	-232.02E-6
13.75000	10.65900	-4.10000	-2.9244	-4.2968	-50.244	-118.70	-228.24E-6
14.33333	10.65900	-4.10000	-2.9587	-4.2968	-50.441	-119.07	-233.83E-6
14.91667	10.65900	-4.10000	-2.9559	-4.2968	-50.670	-117.51	-250.06E-6
15.50000	10.65900	-4.10000	-2.9071	-4.2968	-49.477	-109.97	-278.82E-6
16.08333	10.65900	-4.10000	-2.8419	-4.2968	-44.774	-97.530	-266.70E-6
16.66667	10.65900	-4.10000	-2.8685	-4.2968	-45.767	-103.12	-247.80E-6
17.25000	10.65900	-4.10000	-2.9803	-4.2968	-48.551	-113.76	-231.19E-6
17.83333	10.65900	-4.10000	-3.0344	-4.2968	-49.200	-117.48	-218.32E-6
18.41667	10.65900	-4.10000	-3.0622	-4.2968	-49.634	-119.20	-215.31E-6
19.00000	10.65900	-4.10000	-3.0713	-4.2968	-50.035	-120.27	-216.30E-6
19.58333	10.65900	-4.10000	-3.0650	-4.2968	-50.424	-121.02	-219.26E-6
20.16667	10.65900	-4.10000	-3.0442	-4.2968	-50.767	-121.42	-223.87E-6
20.75000	10.65900	-4.10000	-2.9948	-4.2968	-48.955	-119.10	-201.26E-6
21.33333	10.65900	-4.10000	-2.9411	-4.2968	-48.174	-117.72	-194.31E-6
21.91667	10.65900	-4.10000	-2.8856	-4.2968	-48.554	-117.99	-200.63E-6
22.50000	10.65900	-4.10000	-2.8187	-4.2968	-48.908	-118.31	-206.91E-6
23.08333	10.65900	-4.10000	-2.7386	-4.2968	-49.344	-118.54	-213.74E-6
23.66667	10.65900	-4.10000	-2.6436	-4.2968	-49.733	-118.64	-221.52E-6
24.25000	10.65900	-4.10000	-2.5319	-4.2968	-50.117	-118.51	-230.82E-6
24.83333	10.65900	-4.10000	-2.4003	-4.2968	-50.487	-117.94	-242.98E-6
25.41667	10.65900	-4.10000	-2.2400	-4.2968	-50.799	-116.37	-262.64E-6
26.00000	10.65900	-4.10000	-2.0124	-4.2968	-49.206	-106.06	-301.22E-6
26.58333	10.65900	-4.10000	-1.4573	-4.2968	-8.2574	-42.634	129.48E-6
27.16667	10.65900	-4.10000	-1.1504	-4.2968	-1.1132	-19.309	115.76E-6
27.75000	10.65900	-4.10000	-0.94721	-4.2968	-0.75568	-13.792	83.546E-6
28.33333	10.65900	-4.10000	-0.72880	-4.2968	-0.54677	-9.7895	59.079E-6
28.91667	10.65900	-4.10000	-0.61649	-4.2968	-0.21827	-5.4912	35.058E-6
29.50000	10.65900	-4.10000	-0.49194	-4.2968	-0.057622	-2.7635	18.779E-6
30.08333	10.65900	-4.10000	-0.39914	-4.2968	-0.016434	-1.5269	10.711E-6
30.66667	10.65900	-4.10000	-0.32872	-4.2968	-0.0056128	-0.95885	6.8285E-6
31.25000	10.65900	-4.10000	-0.27330	-4.2968	-0.0022943	-0.66863	4.7971E-6
31.83333	10.65900	-4.10000	-0.22831	-4.2968	-0.0010865	-0.50257	3.6194E-6
32.41667	10.65900	-4.10000	-0.19095	-4.2968	-589.92E-6	-0.39770	2.8701E-6
33.00000	10.65900	-4.10000	-0.15939	-4.2968	-356.58E-6	-0.32603	2.3556E-6
33.58333	10.65900	-4.10000	-0.13244	-4.2968	-234.23E-6	-0.27395	1.9808E-6
34.16667	10.65900	-4.10000	-0.10923	-4.2968	-163.80E-6	-0.23438	1.6954E-6
34.75000	10.65900	-4.10000	-0.089122	-4.2968	-120.00E-6	-0.20324	1.4706E-6
35.33333	10.65900	-4.10000	-0.071640	-4.2968	-91.017E-6	-0.17810	1.2890E-6
35.91667	10.65900	-4.10000	-0.056399	-4.2968	-70.876E-6	-0.15739	1.1394E-6
36.50000	10.65900	-4.10000	-0.043089	-4.2968	-56.330E-6	-0.14007	1.0141E-6
37.08333	10.65900	-4.10000	-0.031458	-4.2968	-45.505E-6	-0.12541	0.0
37.66667	10.65900	-4.10000	-0.021290	-4.2968	-37.247E-6	-0.11286	0.0
38.25000	10.65900	-4.10000	-0.012405	-4.2968	-30.830E-6	-0.10204	0.0
38.83333	10.65900	-4.10000	-0.0046477	-4.2968	-25.762E-6	-0.092624	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
17.25000	10.65900	-4.10000	-3.4713	-4.2968	-63.479	-156.34	-247.17E-6
17.83333	10.65900	-4.10000	-3.5590	-4.2968	-64.252	-163.31	-213.47E-6
18.41667	10.65900	-4.10000	-3.5965	-4.2968	-64.343	-165.26	-201.34E-6
19.00000	10.65900	-4.10000	-3.6069	-4.2968	-64.372	-166.03	-196.32E-6
19.58333	10.65900	-4.10000	-3.5980	-4.2968	-64.388	-166.37	-194.23E-6
20.16667	10.65900	-4.10000	-3.5732	-4.2968	-64.391	-166.43	-193.89E-6
20.75000	10.65900	-4.10000	-3.5334	-4.2968	-64.354	-166.17	-194.95E-6
21.33333	10.65900	-4.10000	-3.4808	-4.2968	-64.328	-165.87	-196.52E-6
21.91667	10.65900	-4.10000	-3.4158	-4.2968	-64.333	-165.67	-198.09E-6
22.50000	10.65900	-4.10000	-3.3365	-4.2968	-64.343	-165.43	-200.10E-6
23.08333	10.65900	-4.10000	-3.2419	-4.2968	-64.353	-165.05	-203.03E-6
23.66667	10.65900	-4.10000	-3.1272	-4.2968	-64.360	-164.48	-207.35E-6
24.25000	10.65900	-4.10000	-2.9930	-4.2968	-64.364	-163.60	-213.74E-6
24.83333	10.65900	-4.10000	-2.8354	-4.2968	-64.358	-162.24	-223.49E-6
25.41667	10.65900	-4.10000	-2.6483	-4.2968	-64.411	-160.05	-240.53E-6
26.00000	10.65900	-4.10000	-2.4408	-4.2968	-69.444	-157.93	-365.36E-6
26.58333	10.65900	-4.10000	-1.9307	-4.2968	-39.841	-105.26	-103.39E-6
27.16667	10.65900	-4.10000	-1.4792	-4.2968	-17.388	-65.027	93.235E-6
27.75000	10.65900	-4.10000	-1.2331	-4.2968	-16.903	-56.936	45.150E-6
28.33333	10.65900	-4.10000	-0.98307	-4.2968	-14.974	-44.990	0.0
28.91667	10.65900	-4.10000	-0.8201	-4.2968	-11.8593	-13.594	58.128E-6
29.50000	10.65900	-4.10000	-0.50787	-4.2968	-0.14982	-3.8641	24.752E-6
30.08333	10.65900	-4.10000	-0.40332	-4.2968	-0.025485	-1.6780	11.610E-6
30.66667	10.65900	-4.10000	-0.33020	-4.2968	-0.0065954	-0.96125	6.8245E-6
31.25000	10.65900	-4.10000	-0.27435	-4.2968	-0.002957	-0.65226	4.6782E-6
31.83333	10.65900	-4.10000	-0.23945	-4.2968	-0.0010034	-0.48906	0.5232E-6
32.41667	10.65900	-4.10000	-0.19220	-4.2968	-533.21E-6	-0.38908	2.8088E-6
33.00000	10.65900	-4.10000	-0.16071	-4.2968	-322.87E-6	-0.32109	2.3205E-6
33.58333	10.65900	-4.10000	-0.13375	-4.2968	-215.24E-6	-0.27140	1.9627E-6
34.16667	10.65900	-4.10000	-0.11048	-4.2968	-153.27E-6	-0.23326	1.6876E-6
34.75000	10.65900	-4.10000	-0.090289	-4.2968	-114.19E-6	-0.20297	1.4688E-6
35.33333	10.65900	-4.10000	-0.072705	-4.2968	-87.832E-6	-0.17830	1.2906E-6
35.91667	10.65900	-4.10000	-0.057356	-4.2968	-69.154E-6	-0.15785	1.1427E-6
36.50000	10.65900	-4.10000	-0.043940	-4.2968	-55.426E-6	-0.14065	1.0183E-6
37.08333	10.65900	-4.10000	-0.032206	-4.2968	-45.056E-6	-0.12603	0.9074E-6
37.66667	10.65900	-4.10000	-0.019493	-4.2968	-37.053E-6	-0.11248	0.0
38.25000	10.65900	-4.10000	-0.012971	-4.2968	-30.777E-6	-0.10262	0.0
38.83333	10.65900	-4.10000	-0.0051349	-4.2968	-25.783E-6	-0.093176	0.0
39.41667	10.65900	-4.10000	0.0016986	-4.2968	-21.764E-6	-0.084900	0.0
40.00000	10.65900	-4.10000	0.074657	-4.2968	-18.496E-6	-0.077613	0.0
5.00000	11.25117	-4.10000	-0.46692	-4.2968	-0.0018354	-0.90435	6.5243E-6
5.58333	11.25117	-4.10000	-0.54004	-4.2968	-0.0022078	-1.1259	8.1136E-6
6.16667	11.25117	-4.10000	-0.62536	-4.2968	-0.0035940	-1.4356	10.328E-6
6.75000	11.25117	-4.10000	-0.72581	-4.2968	-0.0063108	-1.8888	13.554E-6
7.33333	11.25117	-4.10000	-0.84578	-4.2968	-0.0123378	-2.5948	18.549E-6
7.91667	11.25117	-4.10000	-0.99219	-4.2968	-0.028063	-3.7990	26.928E-6
8.50000	11.25117	-4.10000	-1.1771	-4.2968	-0.081900	-6.1582	42.859E-6
9.08333	11.25117	-4.10000	-1.4255	-4.2968	-0.37432	-12.017	78.968E-6
9.66667	11.25117	-4.10000	-1.8090	-4.2968	-4.7029	-35.461	154.78E-6
10.25000	11.25117	-4.10000	-2.2519	-4.2968	-56.4589	-124.7	223.84E-6
10.83333	11.25117	-4.10000	-2.9035	-4.2968	-94.029	-139.07	166.83E-6
11.41667	11.25117	-4.10000	-3.1018	-4.2968	-51.557	-137.66	123.33E-6
12.00000	11.25117	-4.10000	-3.1909	-4.2968	-40.149	-125.63	37.559E-6
12.58333	11.25117	-4.10000	-3.4509	-4.2968	-53.524	-148.23	89.459E-6
13.16667	11.25117	-4.10000	-3.6631	-4.2968	-63.743	-168.22	166.82E-6
13.75000	11.25117	-4.10000	-3.7373	-4.2968	-64.024	-170.59	155.71E-6
14.33333	11.25117	-4.10000	-3.7506	-4.2968	-63.985	-169.60	162.02E-6
14.91667	11.25117	-4.10000	-3.6916	-4.2968	-63.461	-163.59	194.24E-6
15.50000	11.25117	-4.10000	-3.4540	-4.2968	-50.186	-126.38	175.25E-6
16.08333	11.25117	-4.10000	-3.1242	-4.2968	-43.6137	-92.60	290.47E-6
16.66667	11.25117	-4.10000	-3.3243	-4.2968	-34.849	-103.50	7.6151E-6
17.25000	11.25117	-4.10000	-3.6944	-4.2968	-62.979	-160.32	207.43E-6
17.83333	11.25117	-4.10000	-3.8052	-4.2968	-63.948	-169.31	163.33E-6
18.41667	11.25117	-4.10000	-3.8511	-4.2968	-64.053	-171.73	148.08E-6
19.00000	11.25117	-4.10000	-3.8632	-4.2968	-64.076	-172.60	142.28E-6
19.58333	11.25117	-4.10000	-3.8527	-4.2968	-64.082	-172.91	140.16E-6
20.16667	11.25117	-4.10000	-3.8249	-4.2968	-64.083	-172.97	139.78E-6
20.75000	11.25117	-4.10000	-3.7823	-4.2968	-64.081	-172.88	140.40E-6
21.33333	11.25117	-4.10000	-3.7253	-4.2968	-64.079	-172.69	141.68E-6
21.91667	11.25117	-4.10000	-3.6531	-4.2968	-64.078	-172.59	143.56E-6
22.50000	11.25117	-4.10000	-3.5636	-4.2968	-64.077	-172.04	146.36E-6
23.08333	11.25117	-4.10000	-3.4539	-4.2968	-64.074	-171.45	150.56E-6
23.66667	11.25117	-4.10000	-3.3209	-4.2968	-64.068	-170.56	156.85E-6
24.25000	11.25117	-4.10000	-3.1622	-4.2968	-64.054	-169.24	166.13E-6
24.83333	11.25117	-4.10000	-2.9757	-4.2968	-64.030	-167.30	179.67E-6
25.41667	11.25117	-4.10000	-2.7589	-4.2968	-64.035	-164.51	200.03E-6
26.00000	11.25117	-4.10000	-2.5088	-4.2968	-64.955	-160.27	250.80E-6
26.58333	11.25117	-4.10000	-2.1940	-4.2968	-63.244	-148.49	298.96E-6
27.16667	11.25117	-4.10000	-1.8827	-4.2968	-64.377	-136.87	407.82E-6
27.75000	11.25117	-4.10000	-1.5974	-4.2968	-63.574	-122.79	470.72E-6
28.33333	11.25117	-4.10000	-1.3424	-4.2968	-63.507	-110.43	580.55E-6
28.91667	11.25117	-4.10000	-0.99747	-4.2968	-4.9381	-21.894	51.321E-6
29.50000	11.25117	-4.10000	-0.49140	-4.2968	-0.20456	-3.8797	23.675E-6
30.08333	11.25117	-4.10000	-0.39070	-4.2968	-0.024060	-1.4533	9.9966E-6
30.66667	11.25117	-4.10000	-0.28235	-4.2968	-0.0050450	-0.88515	5.8851E-6
31.25000	11.25117	-4.10000	-0.26976	-4.2968	-0.0015997	-0.58062	4.1740E-6
31.83333	11.25117	-4.10000	-0.22689	-4.2968	-704.75E-6	-0.45066	3.2514E-6
32.41667	11.25117	-4.10000	-0.19089	-4.2968	-394.11E-6	-0.36812	2.6599E-6
33.00000	11.25117	-4.10000	-0.16016	-4.2968	-256.22E-6	-0.30948	2.2378E-6
33.58333	11.25117	-4.10000	-0.13365	-4.2968	-181.90E-6	-0.2494	1.9166E-6
34.16667	11.25117	-4.10000	-0.11063	-4.2968	-135.98E-6	-0.22970	1.6621E-6
34.75000	11.25117	-4.10000	-0.090582	-4.2968	-104.96E-6	-0.20106	1.4552E-6
35.33333	11.25117	-4.10000	-0.073063	-4.2968	-82.798E-6	-0.17735	1.2838E-6
35.91667	11.25117	-4.10000	-0.057733	-4.2968	-66.362E-6	-0.15745	1.1399E-6
36.50000	11.25117	-4.10000	-0.048310	-4.2968	-53.863E-6	-0.14057	1.0178E-6
37.08333	11.25117	-4.10000	-0.032554	-4.2968	-44.180E-6	-0.12613	0.0
37.66667	11.25117	-4.10000	-0.022261	-4.2968	-36.570E-6	-0.11368	0.0
38.25000	11.25117	-4.10000	-0.013255	-4.2968	-30.516E-6	-0.10288	0.0
38.83333	11.25117	-4.10000	-0.0053850	-4.2968	-25.651E-6	-0.093445	0.0
39.41667	11.25117	-4.10000	0.0114817	-4.2968	-21.705E-6	-0.085117	0.0
40.00000	11.25117	-4.10000	0.0074610	-4.2968	-18.480E-6	-0.077875	0.0
5.00000	11.84333	-4.10000	-0.48511	-4.2968	-0.0015474	-0.94961	6.8499E-6
5.58333	11.84333	-4.10000	-0.56212	-4.2968	-0.0023914	-1.1879	8.5592E-6
6.16667	11.84333	-4.10000	-0.65218	-4.2968	-0.0033088	-1.5226	10.952E-6
6.75000	11.84333	-4.10000	-0.75863	-4.2968	-0.0068811	-2.0141	14.450E-6
7.33333	11.84333	-4.10000	-0.88623	-4.2968	-0.013416	-2.7814	19.870E-6
7.91667	11.84333	-4.10000	-1.0425	-4.2968	-0.030343	-4.0871	28.967E-6
8.50000	11.84333	-4.10000	-1.2402	-4.2968	-0.086817	-6.6184	46.087E-6
9.08333	11.84333	-4.10000	-1.5049	-4.2968	-0.38308	-12.752	84.105E-6
9.66667	11.84333	-4.10000	-1.9075	-4.2968	-4.6447	-36.431	163.08E-6
10.25000	11.84333	-4.10000	-2.7062	-4.2968	-56.334	-126.11	310.93E-6
10.83333	11.84333	-4.10000	-3.0524	-4.2968	-54.175	-142.10	148.04E-6
11.41667	11.84333	-4.10000	-3.3273	-4.2968	-57.016	-152.26	136.23E-6
12.00000	11.84333	-4.10000	-3.5682	-4.2968	-63.009	-164.1	180.08E-6
12.58333	11.84333	-4.10000	-3.7335	-4.2968	-63.735	-168.19	156.98E-6
13.16667	11.84333	-4.10000	-3.8536	-4.2968	-64.027	-172.75	140.14E-6
13.75000	11.84333	-4.10000	-3.9160	-4.2968	-64.090	-173.60	135.35E-6
14.33333	11.84333	-4.10000	-3.9183</				



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m²]			
				Sum Princ [kN/m²]			
				Vert Strain [-]			
28.33333	11.84333	-4.10000	-0.69899	-4.2968	-7.4383	-12.874	-68.438E-6
28.91667	11.84333	-4.10000	-0.52589	-4.2968	-0.58647	-3.5678	13.109E-6
29.50000	11.84333	-4.10000	-0.42904	-4.2968	-0.022334	-1.1055	7.5277E-6
30.08333	11.84333	-4.10000	-0.36059	-4.2968	-0.0014179	-0.69712	5.0225E-6
30.66667	11.84333	-4.10000	-0.30597	-4.2968	-176.60E-6	-0.54988	3.9822E-6
31.25000	11.84333	-4.10000	-0.26026	-4.2968	-178.94E-6	-0.46006	3.3310E-6
31.83333	11.84333	-4.10000	-0.22118	-4.2968	-202.47E-6	-0.39238	2.8399E-6
32.41667	11.84333	-4.10000	-0.18739	-4.2968	-191.75E-6	-0.33789	2.4451E-6
33.00000	11.84333	-4.10000	-0.15798	-4.2968	-166.63E-6	-0.29300	2.1203E-6
33.58333	11.84333	-4.10000	-0.13229	-4.2968	-139.32E-6	-0.25563	1.8500E-6
34.16667	11.84333	-4.10000	-0.10979	-4.2968	-114.53E-6	-0.22431	1.6233E-6
34.75000	11.84333	-4.10000	-0.09066	-4.2968	-93.722E-6	-0.19788	1.4324E-6
35.33333	11.84333	-4.10000	-0.072755	-4.2968	-76.669E-6	-0.17547	1.2703E-6
35.91667	11.84333	-4.10000	-0.057558	-4.2968	-62.917E-6	-0.15634	1.1319E-6
36.50000	11.84333	-4.10000	-0.044218	-4.2968	-51.877E-6	-0.13993	1.0132E-6
37.08333	11.84333	-4.10000	-0.032513	-4.2968	-43.012E-6	-0.12579	0.912E-6
37.66667	11.84333	-4.10000	-0.022250	-4.2968	-35.871E-6	-0.11350	0.0
38.25000	11.84333	-4.10000	-0.013262	-4.2968	-30.093E-6	-0.10281	0.0
38.83333	11.84333	-4.10000	-0.0054005	-4.2968	-25.394E-6	-0.093446	0.0
39.41667	11.84333	-4.10000	0.0014634	-4.2968	-21.549E-6	-0.085212	0.0
40.00000	11.84333	-4.10000	0.014433	-4.2968	-18.386E-6	-0.077941	0.0
5.00000	12.43550	-4.10000	-0.50011	-4.2968	-0.0016368	-0.98677	7.1173E-6
5.58333	12.43550	-4.10000	-0.58017	-4.2968	-0.0025332	-1.2382	8.9207E-6
6.16667	12.43550	-4.10000	-0.67400	-4.2968	-0.0041408	-1.5917	11.448E-6
6.75000	12.43550	-4.10000	-0.78508	-4.2968	-0.0072728	-2.1107	15.142E-6
7.33333	12.43550	-4.10000	-0.91843	-4.2968	-0.010483	-2.8188	20.849E-6
7.91667	12.43550	-4.10000	-1.0817	-4.2968	-0.031533	-4.2835	30.364E-6
8.50000	12.43550	-4.10000	-1.2878	-4.2968	-0.088721	-6.8978	48.071E-6
9.08333	12.43550	-4.10000	-1.5621	-4.2968	-0.38374	-13.125	86.799E-6
9.66667	12.43550	-4.10000	-1.9744	-4.2968	-4.5711	-36.746	166.96E-6
10.25000	12.43550	-4.10000	-3.1557	-4.2968	-126.51	-304.81E-6	0.0
10.83333	12.43550	-4.10000	-3.1440	-4.2968	-54.219	-143.31	-140.24E-6
11.41667	12.43550	-4.10000	-3.4379	-4.2968	-57.339	-155.21	-121.82E-6
12.00000	12.43550	-4.10000	-3.6958	-4.2968	-63.737	-169.10	-160.29E-6
12.58333	12.43550	-4.10000	-3.9370	-4.2968	-64.032	-172.77	-140.13E-6
13.16667	12.43550	-4.10000	-4.19661	-4.2968	-64.101	-174.49	-129.33E-6
13.75000	12.43550	-4.10000	-4.0214	-4.2968	-64.112	-174.82	-126.99E-6
14.33333	12.43550	-4.10000	-4.0149	-4.2968	-64.042	-173.14	-137.64E-6
14.91667	12.43550	-4.10000	-3.9269	-4.2968	-63.480	-166.16	-175.99E-6
15.50000	12.43550	-4.10000	-3.6531	-4.2968	-50.112	-127.74	-165.91E-6
16.08333	12.43550	-4.10000	-3.1958	-4.2968	-4.3555	-53.569	293.60E-6
16.66667	12.43550	-4.10000	-3.4923	-4.2968	-34.751	-104.06	-1.4247E-6
17.25000	12.43550	-4.10000	-3.8728	-4.2968	-62.983	-162.23	-193.68E-6
17.83333	12.43550	-4.10000	-3.9910	-4.2968	-63.995	-172.05	-144.51E-6
18.41667	12.43550	-4.10000	-4.0356	-4.2968	-64.110	-174.71	-127.70E-6
19.00000	12.43550	-4.10000	-4.0379	-4.2968	-64.126	-175.42	-122.93E-6
19.58333	12.43550	-4.10000	-4.0129	-4.2968	-64.116	-175.33	-123.38E-6
20.16667	12.43550	-4.10000	-3.9714	-4.2968	-64.105	-175.05	-125.14E-6
20.75000	12.43550	-4.10000	-3.9195	-4.2968	-64.106	-174.91	-126.16E-6
21.33333	12.43550	-4.10000	-3.8584	-4.2968	-64.110	-174.78	-127.20E-6
21.91667	12.43550	-4.10000	-3.7706	-4.2968	-64.107	-174.45	-129.53E-6
22.50000	12.43550	-4.10000	-3.6631	-4.2968	-64.107	-173.94	-133.23E-6
23.08333	12.43550	-4.10000	-3.5239	-4.2968	-64.107	-173.04	-139.74E-6
23.66667	12.43550	-4.10000	-3.3404	-4.2968	-64.082	-171.16	-152.89E-6
24.25000	12.43550	-4.10000	-3.1026	-4.2968	-64.058	-167.57	-177.14E-6
24.83333	12.43550	-4.10000	-2.8077	-4.2968	-63.787	-161.39	-217.25E-6
25.41667	12.43550	-4.10000	-2.4527	-4.2968	-62.931	-149.83	-282.42E-6
26.00000	12.43550	-4.10000	-2.0362	-4.2968	-60.030	-127.22	-383.26E-6
26.58333	12.43550	-4.10000	-1.5753	-4.2968	-53.267	-96.068	-462.00E-6
27.16667	12.43550	-4.10000	-0.62083	-4.2968	-20.329	-29.567	-227.70E-6
27.75000	12.43550	-4.10000	0.032216	-4.2968	65.294	116.48	575.56E-6
28.33333	12.43550	-4.10000	0.042263	-4.2968	52.230	94.301	452.24E-6
28.91667	12.43550	-4.10000	-0.31304	-4.2968	4.2746	17.957	-37.211E-6
29.50000	12.43550	-4.10000	-0.35032	-4.2968	0.20064	2.2997	-12.307E-6
30.08333	12.43550	-4.10000	-0.31279	-4.2968	0.026239	-0.1724	-12.70E-6
30.66667	12.43550	-4.10000	-0.28525	-4.2968	0.0055311	-0.23197	1.8018E-6
31.25000	12.43550	-4.10000	-0.24795	-4.2968	0.0014092	-0.32571	2.3916E-6
31.83333	12.43550	-4.10000	-0.21345	-4.2968	336.97E-6	-0.32848	2.3884E-6
32.41667	12.43550	-4.10000	-0.18234	-4.2968	18.904E-6	-0.30486	2.2103E-6
33.00000	12.43550	-4.10000	-0.15457	-4.2968	-75.487E-6	-0.27482	1.9905E-6
33.58333	12.43550	-4.10000	-0.12992	-4.2968	-96.632E-6	-0.24513	1.7748E-6
34.16667	12.43550	-4.10000	-0.10811	-4.2968	-93.268E-6	-0.21799	1.5781E-6
34.75000	12.43550	-4.10000	-0.088840	-4.2968	-82.492E-6	-0.19395	1.4041E-6
35.33333	12.43550	-4.10000	-0.071846	-4.2968	-70.475E-6	-0.17295	1.2522E-6
35.91667	12.43550	-4.10000	-0.055102	-4.2968	-59.362E-6	-0.15425	1.1201E-6
36.50000	12.43550	-4.10000	-0.043691	-4.2968	-49.763E-6	-0.13883	1.0053E-6
37.08333	12.43550	-4.10000	-0.032102	-4.2968	-41.715E-6	-0.12503	0.0
37.66667	12.43550	-4.10000	-0.021925	-4.2968	-35.053E-6	-0.11299	0.0
38.25000	12.43550	-4.10000	-0.013001	-4.2968	-29.565E-6	-0.10245	0.0
38.83333	12.43550	-4.10000	-0.005858	-4.2968	-25.045E-6	-0.093187	0.0
39.41667	12.43550	-4.10000	0.0016391	-4.2968	-21.314E-6	-0.085037	0.0
40.00000	12.43550	-4.10000	0.0075903	-4.2968	-18.225E-6	-0.077818	0.0
5.00000	13.02767	-4.10000	-0.51149	-4.2968	-0.0017027	-1.0151	7.3213E-6
5.58333	13.02767	-4.10000	-0.59383	-4.2968	-0.0026339	-1.2761	9.1926E-6
6.16667	13.02767	-4.10000	-0.69450	-4.2968	-0.0042965	-1.6425	11.813E-6
6.75000	13.02767	-4.10000	-0.80478	-4.2968	-0.0075143	-2.1792	15.633E-6
7.33333	13.02767	-4.10000	-0.94202	-4.2968	-0.014462	-3.0104	21.508E-6
7.91667	13.02767	-4.10000	-1.1098	-4.2968	-0.032033	-4.4043	31.229E-6
8.50000	13.02767	-4.10000	-1.3207	-4.2968	-0.089078	-7.0465	49.142E-6
9.08333	13.02767	-4.10000	-1.5904	-4.2968	-0.38101	-17.912E-6	0.0
9.66667	13.02767	-4.10000	-2.0142	-4.2968	-4.4915	-36.663	168.09E-6
10.25000	13.02767	-4.10000	-2.8236	-4.2968	-56.017	-126.17	-303.60E-6
10.83333	13.02767	-4.10000	-3.1815	-4.2968	-54.181	-142.84	-142.83E-6
11.41667	13.02767	-4.10000	-3.4663	-4.2968	-57.233	-153.86	-129.34E-6
12.00000	13.02767	-4.10000	-3.7184	-4.2968	-63.556	-167.06	-171.32E-6
12.58333	13.02767	-4.10000	-3.8864	-4.2968	-63.915	-171.30	-148.18E-6
13.16667	13.02767	-4.10000	-4.0067	-4.2968	-64.061	-174.02	-131.64E-6
13.75000	13.02767	-4.10000	-4.0659	-4.2968	-64.030	-174.84	-126.62E-6
14.33333	13.02767	-4.10000	-4.0533	-4.2968	-64.036	-173.16	-137.35E-6
14.91667	13.02767	-4.10000	-3.9504	-4.2968	-63.462	-165.82	-178.12E-6
15.50000	13.02767	-4.10000	-3.6567	-4.2968	-50.070	-126.49	-171.93E-6
16.08333	13.02767	-4.10000	-3.1821	-4.2968	-4.2942	-52.151	284.65E-6
16.66667	13.02767	-4.10000	-3.4700	-4.2968	-34.699	-102.71	-10.084E-6
17.25000	13.02767	-4.10000	-3.8483	-4.2968	-62.954	-161.24	-200.19E-6
17.83333	13.02767	-4.10000	-3.9633	-4.2968	-63.978	-171.29	-149.70E-6
18.41667	13.02767	-4.10000	-3.9993	-4.2968	-64.089	-173.82	-133.74E-6
19.00000	13.02767	-4.10000	-3.9850	-4.2968	-64.069	-173.83	-133.22E-6
19.58333	13.02767	-4.10000	-3.9356	-4.2968	-63.942	-172.23	-142.08E-6
20.16667	13.02767	-4.10000	-3.8745	-4.2968	-63.807	-170.60	-150.95E-6
20.75000	13.02767	-4.10000	-3.8213	-4.2968	-63.869	-170.86	-150.42E-6
21.33333	13.02767	-4.10000	-3.7600	-4.2968	-63.942	-171.35	-148.40E-6
21.91667	13.02767	-4.10000	-3.6717	-4.2968	-63.868	-170.59	-152.33E-6
22.50000	13.02767	-4.10000	-3.5613	-4.2968	-63.881	-170.25	-155.05E-6
23.08333	13.02767	-4.10000	-3.4171	-4.2968	-63.983	-170.17	-158.06E-6
23.66667	13.02767	-4.10000	-3.2036	-4.2968	-63.981	-167.69	-175.84E-6
24.25000	13.02767	-4.10000	-2.8918	-4.2968	-63.682	-160.33	-222.68E-6
24.83333	13.02767	-4.10000	-2.4725	-4.2968	-62.644	-145.00	-311.21E-6
25.41667	13.02767	-4.10000	-1.9479	-4.			



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
39.41667	13.02767	-4.10000	0.0020018	-4.2968	-21.022E-6	-0.084658	0.0
40.00000	13.02767	-4.10000	0.0078967	-4.2968	-18.011E-6	-0.077516	0.0
5.00000	13.61983	-4.10000	-0.51906	-4.2968	-0.0017462	-1.0343	7.4598E-6
5.58333	13.61983	-4.10000	-0.60286	-4.2968	-0.0026976	-1.3013	9.3744E-6
6.16667	13.61983	-4.10000	-0.70117	-4.2968	-0.0043884	-1.6756	12.051E-6
6.75000	13.61983	-4.10000	-0.81755	-4.2968	-0.0070710	-2.2221	15.941E-6
7.33333	13.61983	-4.10000	-0.95702	-4.2968	-0.014614	-3.0642	21.894E-6
7.91667	13.61983	-4.10000	-1.1271	-4.2968	-0.032119	-4.4666	31.679E-6
8.50000	13.61983	-4.10000	-1.3399	-4.2968	-0.088613	-7.1036	49.566E-6
9.08333	13.61983	-4.10000	-1.6194	-4.2968	-0.37657	-13.268	87.985E-6
9.66667	13.61983	-4.10000	-2.0316	-4.2968	-4.4085	-36.318	167.39E-6
10.25000	13.61983	-4.10000	-2.8324	-4.2968	-55.824	-125.21	-306.33E-6
10.83333	13.61983	-4.10000	-3.1682	-4.2968	-53.980	-140.24	-157.30E-6
11.41667	13.61983	-4.10000	-3.3927	-4.2968	-55.463	-143.15	-168.48E-6
12.00000	13.61983	-4.10000	-3.5858	-4.2968	-59.118	-146.36	-224.69E-6
12.58333	13.61983	-4.10000	-3.7963	-4.2968	-61.517	-159.25	-190.68E-6
13.16667	13.61983	-4.10000	-3.9801	-4.2968	-63.776	-170.69	-149.59E-6
13.75000	13.61983	-4.10000	-4.0602	-4.2968	-64.061	-173.91	-132.46E-6
14.33333	13.61983	-4.10000	-4.0431	-4.2968	-64.012	-172.43	-142.09E-6
14.91667	13.61983	-4.10000	-3.9168	-4.2968	-63.382	-164.12	-188.65E-6
15.50000	13.61983	-4.10000	-3.5825	-4.2968	-49.770	-122.30	-95.81E-6
16.08333	13.61983	-4.10000	-3.0711	-4.2968	-3.7511	-45.638	249.25E-6
16.66667	13.61983	-4.10000	-3.3537	-4.2968	-34.314	-97.267	-41.146E-6
17.25000	13.61983	-4.10000	-3.7418	-4.2968	-62.821	-158.06	-220.36E-6
17.83333	13.61983	-4.10000	-3.8577	-4.2968	-63.921	-169.02	-164.86E-6
18.41667	13.61983	-4.10000	-3.4167	-4.2968	-64.127	-171.37	-150.16E-6
19.00000	13.61983	-4.10000	-3.8375	-4.2968	-63.838	-169.43	-160.11E-6
19.58333	13.61983	-4.10000	-3.7156	-4.2968	-61.610	-158.26	-192.60E-6
20.16667	13.61983	-4.10000	-3.5707	-4.2968	-56.835	-142.29	-204.50E-6
20.75000	13.61983	-4.10000	-3.5570	-4.2968	-59.925	-151.27	-206.89E-6
21.33333	13.61983	-4.10000	-3.2826	-4.2968	-62.783	-160.34	-203.03E-6
21.91667	13.61983	-4.10000	-3.4100	-4.2968	-58.618	-148.96	-194.95E-6
22.50000	13.61983	-4.10000	-3.3070	-4.2968	-58.767	-149.47	-194.47E-6
23.08333	13.61983	-4.10000	-3.2226	-4.2968	-63.225	-162.42	-197.56E-6
23.66667	13.61983	-4.10000	-2.9927	-4.2968	-63.747	-161.66	-214.39E-6
24.25000	13.61983	-4.10000	-2.5395	-4.2968	-62.115	-144.19	-309.96E-6
24.83333	13.61983	-4.10000	-1.7587	-4.2968	-39.973	-69.846	-362.98E-6
25.41667	13.61983	-4.10000	-0.89301	-4.2968	-13.085	19.080	-422.86E-6
26.00000	13.61983	-4.10000	0.063153	-4.2968	61.393	131.03	385.29E-6
26.58333	13.61983	-4.10000	0.071745	-4.2968	98.424	98.424	174.44E-6
27.16667	13.61983	-4.10000	0.093139	-4.2968	37.507	83.459	207.04E-6
27.75000	13.61983	-4.10000	0.13167	-4.2968	37.533	81.119	228.20E-6
28.33333	13.61983	-4.10000	0.073240	-4.2968	33.210	65.173	249.78E-6
28.91667	13.61983	-4.10000	-0.21000	-4.2968	2.7891	15.200	-49.529E-6
29.50000	13.61983	-4.10000	-0.27101	-4.2968	0.18126	3.1623	-18.985E-6
30.08333	13.61983	-4.10000	-0.27083	-4.2968	0.135233	0.6109	-4.8099E-6
30.66667	13.61983	-4.10000	-0.25115	-4.2968	0.0083916	0.053059	0.0
31.25000	13.61983	-4.10000	-0.22489	-4.2968	0.0025338	-0.17899	1.3525E-6
31.83333	13.61983	-4.10000	-0.19730	-4.2968	795.03E-6	-0.24919	1.8236E-6
32.41667	13.61983	-4.10000	-0.17063	-4.2968	218.21E-6	-0.25952	1.8860E-6
33.00000	13.61983	-4.10000	-0.14584	-4.2968	17.624E-6	-0.24844	1.7940E-6
33.58333	13.61983	-4.10000	-0.12325	-4.2968	-49.999E-6	-0.22774	1.6497E-6
34.16667	13.61983	-4.10000	-0.10291	-4.2968	-68.337E-6	-0.20644	1.4950E-6
34.75000	13.61983	-4.10000	-0.084722	-4.2968	-68.344E-6	-0.18599	1.3467E-6
35.33333	13.61983	-4.10000	-0.068536	-4.2968	-62.008E-6	-0.16736	1.2112E-6
35.91667	13.61983	-4.10000	-0.054182	-4.2968	-54.054E-6	-0.15053	1.0900E-6
36.50000	13.61983	-4.10000	-0.041484	-4.2968	-46.300E-6	-0.13571	0.0
37.08333	13.61983	-4.10000	-0.030277	-4.2968	-39.377E-6	-0.12264	0.0
37.66667	13.61983	-4.10000	-0.020406	-4.2968	-33.428E-6	-0.11113	0.0
38.25000	13.61983	-4.10000	-0.101923	-4.2968	-28.4017E-6	-0.101729	-0.101729
38.83333	13.61983	-4.10000	-0.0041181	-4.2968	-24.202E-6	-0.092025	0.0
39.41667	13.61983	-4.10000	0.0025421	-4.2968	-20.690E-6	-0.084090	0.0
40.00000	13.61983	-4.10000	0.0083553	-4.2968	-17.755E-6	-0.077045	0.0
5.00000	14.21200	-4.10000	-0.52270	-4.2968	-0.0017692	-1.0445	7.5330E-6
5.58333	14.21200	-4.10000	-0.61020	-4.2968	-0.0027292	-1.3117	9.4688E-6
6.16667	14.21200	-4.10000	-0.70624	-4.2968	-0.0044294	-1.6922	12.170E-6
6.75000	14.21200	-4.10000	-0.82344	-4.2968	-0.0076855	-2.2423	16.087E-6
7.33333	14.21200	-4.10000	-0.96371	-4.2968	-0.014631	-3.0868	22.057E-6
7.91667	14.21200	-4.10000	-1.1343	-4.2968	-0.031987	-4.4860	31.823E-6
8.50000	14.21200	-4.10000	-1.3471	-4.2968	-0.08196	-7.1214	49.571E-6
9.08333	14.21200	-4.10000	-1.6251	-4.2968	-0.37154	-13.184	87.487E-6
9.66667	14.21200	-4.10000	-2.0318	-4.2968	-4.3253	-35.857	165.86E-6
10.25000	14.21200	-4.10000	-2.8203	-4.2968	-55.618	-124.00	-310.63E-6
10.83333	14.21200	-4.10000	-3.1218	-4.2968	-53.532	-135.94	-178.71E-6
11.41667	14.21200	-4.10000	-3.2120	-4.2968	-36.212	-100.76	-58.716E-6
12.00000	14.21200	-4.10000	-2.8343	-4.2968	22.418	-21.350	642.27E-6
12.58333	14.21200	-4.10000	-3.4034	-4.2968	-25.775	-95.340	130.58E-6
13.16667	14.21200	-4.10000	-3.9075	-4.2968	-63.018	-164.64	-177.00E-6
13.75000	14.21200	-4.10000	-4.0209	-4.2968	-64.001	-172.55	-140.99E-6
14.33333	14.21200	-4.10000	-3.9974	-4.2968	-63.974	-171.25	-149.74E-6
14.91667	14.21200	-4.10000	-3.8324	-4.2968	-63.085	-160.34	-209.57E-6
15.50000	14.21200	-4.10000	-3.3799	-4.2968	-44.927	-101.98	-237.76E-6
16.08333	14.21200	-4.10000	-2.7021	-4.2968	12.611	2.5152	256.01E-6
16.66667	14.21200	-4.10000	-3.0501	-4.2968	-25.770	-67.064	-74.272E-6
17.25000	14.21200	-4.10000	-3.5207	-4.2968	-62.985	-149.98	-265.10E-6
17.83333	14.21200	-4.10000	-3.6682	-4.2968	-63.745	-164.26	-195.55E-6
18.41667	14.21200	-4.10000	-3.6791	-4.2968	-63.862	-166.56	-181.44E-6
19.00000	14.21200	-4.10000	-3.5992	-4.2968	-63.353	-161.83	-204.61E-6
19.58333	14.21200	-4.10000	-3.2970	-4.2968	-45.971	-118.37	-141.64E-6
20.16667	14.21200	-4.10000	-2.9252	-4.2968	20.932	604.65E-6	1.65E-6
20.75000	14.21200	-4.10000	-2.9545	-4.2968	-21.311	-82.387	133.77E-6
21.33333	14.21200	-4.10000	-3.2283	-4.2968	-59.226	-140.50	-269.54E-6
21.91667	14.21200	-4.10000	-2.7222	-4.2968	-2.2032	-62.578	405.71E-6
22.50000	14.21200	-4.10000	-2.6431	-4.2968	-3.4298	-65.551	400.58E-6
23.08333	14.21200	-4.10000	-2.9727	-4.2968	-60.765	-149.14	-240.31E-6
23.66667	14.21200	-4.10000	-2.7542	-4.2968	-63.449	-154.82	-257.49E-6
24.25000	14.21200	-4.10000	-2.1859	-4.2968	-60.083	-123.46	-411.63E-6
24.83333	14.21200	-4.10000	-0.50582	-4.2968	51.583	95.988	425.94E-6
25.41667	14.21200	-4.10000	1.1598	-4.2968	169.80	319.94	0.0013734
26.00000	14.21200	-4.10000	1.3591	-4.2968	157.42	305.59	0.0011082
26.58333	14.21200	-4.10000	0.22010	-4.2968	17.721	86.983	-245.15E-6
27.16667	14.21200	-4.10000	-0.089303	-4.2968	2.5663	29.011	-154.49E-6
27.75000	14.21200	-4.10000	-0.16804	-4.2968	1.9584	18.973	-94.941E-6
28.33333	14.21200	-4.10000	-0.21205	-4.2968	1.5064	12.878	-60.592E-6
28.91667	14.21200	-4.10000	-0.25549	-4.2968	0.42776	5.5368	-30.833E-6
29.50000	14.21200	-4.10000	-0.27174	-4.2968	0.077854	1.7708	-11.143E-6
30.08333	14.21200	-4.10000	-0.26334	-4.2968	0.019262	0.45252	-2.8614E-6
30.66667	14.21200	-4.10000	-0.24269	-4.2968	0.0057434	-0.025370	0.0
31.25000	14.21200	-4.10000	-0.21721	-4.2968	0.0018581	-0.13928	1.4702E-6
31.83333	14.21200	-4.10000	-0.19074	-4.2968	593.10E-6	-0.25021	1.8267E-6
32.41667	14.21200	-4.10000	-0.16513	-4.2968	151.83E-6	-0.25572	1.8570E-6
33.00000	14.21200	-4.10000	-0.14126	-4.2968	-4.9075E-6	-0.24269	1.7591E-6
33.58333	14.21200	-4.10000	-0.11943	-4.2968	-57.181E-6	-0.22325	1.6171E-6
34.16667	14.21200	-4.10000	-0.091713	-4.2968	-69.950E-6	-0.20255	1.4668E-6
34.75000	14.21200	-4.10000	-0.082042	-4.2968	-67.981E-6	-0.18273	1.3231E-6
35.33333	14.21200	-4.10000	-0.066284	-4.2968	-61.035E-6	-0.16458	1.1917E-6
35.91667	14.21200	-4.10000	-0.052283	-4.2968	-52.990E-6	-0.14831	1.0739E-6
36.50000	14.21200	-4.10000	-0.0398				



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses			
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
14.91667	14.80417	-4.10000	-3.7342	-4.2968	-62.719	-226.77E-6
15.50000	14.80417	-4.10000	-3.0637	-4.2968	-25.647	-120.19E-6
16.08333	14.80417	-4.10000	-1.7786	-4.2968	106.29	0.001282E-6
16.66667	14.80417	-4.10000	-2.4379	-4.2968	19.538	11.517 341.40E-6
17.25000	14.80417	-4.10000	-3.2458	-4.2968	-60.375	-134.69 -236.62E-6
17.83333	14.80417	-4.10000	-3.3715	-4.2968	-62.636	-152.39 -258.91E-6
18.41667	14.80417	-4.10000	-3.3642	-4.2968	-62.753	-154.25 -246.48E-6
19.00000	14.80417	-4.10000	-3.2670	-4.2968	-62.259	-149.15 -272.76E-6
19.58333	14.80417	-4.10000	-2.9771	-4.2968	-48.211	-111.40 -240.91E-6
20.16667	14.80417	-4.10000	-2.4310	-4.2968	5.9114	-30.658 350.79E-6
20.75000	14.80417	-4.10000	-2.6882	-4.2968	-28.471	-83.077 -16.931E-6
21.33333	14.80417	-4.10000	-2.9563	-4.2968	-59.612	-134.78 -319.36E-6
21.91667	14.80417	-4.10000	-2.5702	-4.2968	-15.044	-75.238 218.22E-6
22.50000	14.80417	-4.10000	-2.5147	-4.2968	-16.065	-78.862 222.30E-6
23.08333	14.80417	-4.10000	-2.7766	-4.2968	-61.194	-146.66 -267.64E-6
23.66667	14.80417	-4.10000	-2.5456	-4.2968	-63.309	-150.25 -287.63E-6
24.25000	14.80417	-4.10000	-1.9135	-4.2968	-59.368	-112.91 -472.59E-6
24.83333	14.80417	-4.10000	-0.081169	-4.2968	56.396	127.68 300.87E-6
25.41667	14.80417	-4.10000	1.6779	-4.2968	178.17	367.58 0.0012101
26.00000	14.80417	-4.10000	1.7584	-4.2968	163.17	339.41 0.0010880
26.58333	14.80417	-4.10000	0.42113	-4.2968	22.513	100.51 746.84E-6
27.16667	14.80417	-4.10000	-0.071498	-4.2968	1.3599	22.906 -136.47E-6
27.75000	14.80417	-4.10000	-0.22424	-4.2968	0.32941	8.6250 -55.358E-6
28.33333	14.80417	-4.10000	-0.27754	-4.2968	0.14846	3.9703 -25.551E-6
28.91667	14.80417	-4.10000	-0.29139	-4.2968	0.062933	1.6968 -10.931E-6
29.50000	14.80417	-4.10000	-0.80428	-4.2968	0.021498	0.52644 -3.3561E-6
30.08333	14.80417	-4.10000	-0.26486	-4.2968	0.0067848	0.0091328 0.0
30.66667	14.80417	-4.10000	-0.23954	-4.2968	0.0022261	-0.19507 1.4624E-6
31.25000	14.80417	-4.10000	-0.21235	-4.2968	710.51E-6	-0.26388 1.9283E-6
31.83333	14.80417	-4.10000	-0.18552	-4.2968	180.66E-6	-0.27567 2.0022E-6
32.41667	14.80417	-4.10000	-0.6015	-4.2968	-6.8277E-6	-0.6417 1.9148E-6
33.00000	14.80417	-4.10000	-0.13674	-4.2968	-68.780E-6	-0.24409 1.7679E-6
33.58333	14.80417	-4.10000	-0.11544	-4.2968	-83.470E-6	-0.22182 1.6061E-6
34.16667	14.80417	-4.10000	-0.096240	-4.2968	-80.672E-6	-0.20014 1.4490E-6
34.75000	14.80417	-4.10000	-0.07043	-4.2968	-72.073E-6	-0.18011 1.3040E-6
35.33333	14.80417	-4.10000	-0.063707	-4.2968	-62.281E-6	-0.16210 1.1737E-6
35.91667	14.80417	-4.10000	-0.050074	-4.2968	-53.039E-6	-0.14608 1.0578E-6
36.50000	14.80417	-4.10000	-0.037990	-4.2968	-44.914E-6	-0.13193 0.0
37.08333	14.80417	-4.10000	-0.027303	-4.2968	-37.993E-6	-0.11945 0.0
37.66667	14.80417	-4.10000	-0.017872	-4.2968	-32.186E-6	-0.10843 0.0
38.25000	14.80417	-4.10000	-0.009569	-4.2968	-27.343E-6	-0.098703 0.0
38.83333	14.80417	-4.10000	-0.0022775	-4.2968	-23.315E-6	-0.090090 0.0
39.41667	14.80417	-4.10000	0.0041115	-4.2968	-19.957E-6	-0.082445 0.0
40.00000	14.80417	-4.10000	0.0096933	-4.2968	-17.153E-6	-0.075641 0.0
40.58333	15.39633	-4.10000	-0.51813	-4.2968	-0.0017601	-1.0384 7.4888E-6
41.16667	15.39633	-4.10000	-0.60167	-4.2968	-0.0027122	-1.3061 9.4089E-6
41.75000	15.39633	-4.10000	-0.69956	-4.2968	-0.0043951	-1.6805 12.086E-6
42.33333	15.39633	-4.10000	-0.81524	-4.2968	-0.0076116	-2.2247 15.961E-6
42.91667	15.39633	-4.10000	-0.95350	-4.2968	-0.014458	-3.0588 21.858E-6
43.50000	15.39633	-4.10000	-1.12214	-4.2968	-0.031522	-4.43768 31.484E-6
44.08333	15.39633	-4.10000	-1.3304	-4.2968	-0.086240	-7.0096 48.936E-6
44.66667	15.39633	-4.10000	-1.6027	-4.2968	-0.36313	-12.973 86.140E-6
45.25000	15.39633	-4.10000	-1.9998	-4.2968	-4.1720	-35.111 163.79E-6
45.83333	15.39633	-4.10000	-2.7756	-4.2968	-55.263	-122.72 -312.22E-6
46.41667	15.39633	-4.10000	-3.6053	-4.2968	-135.26	-185.03E-6
47.00000	15.39633	-4.10000	-3.1508	-4.2968	-48.306	-118.08 -194.57E-6
47.58333	15.39633	-4.10000	-3.1392	-4.2968	-33.400	-87.371 -92.996E-6
48.16667	15.39633	-4.10000	-3.4787	-4.2968	-49.593	-124.87 -173.30E-6
48.75000	15.39633	-4.10000	-3.8096	-4.2968	-63.221	-164.20 -184.59E-6
49.33333	15.39633	-4.10000	-4.8105	-4.2968	-63.989	-171.61 -147.54E-6
49.91667	15.39633	-4.10000	-3.8679	-4.2968	-63.969	-170.43 -155.72E-6
50.50000	15.39633	-4.10000	-3.6719	-4.2968	-63.101	-159.44 -216.44E-6
51.08333	15.39633	-4.10000	-3.1378	-4.2968	-41.105	-94.794 -206.75E-6
51.66667	15.39633	-4.10000	-2.1188	-4.2968	-49.552	-53.547 689.42E-6
52.25000	15.39633	-4.10000	-2.2943	-4.2968	-3.0564	262.20E-6
52.83333	15.39633	-4.10000	-2.7180	-4.2968	-32.132	-80.986 -111.70E-6
53.41667	15.39633	-4.10000	-2.7643	-4.2968	-33.147	-91.687 -56.214E-6
54.00000	15.39633	-4.10000	-2.7240	-4.2968	-32.813	-92.161 -45.511E-6
54.58333	15.39633	-4.10000	-2.6163	-4.2968	-32.090	-87.219 -65.616E-6
55.16667	15.39633	-4.10000	-2.4083	-4.2968	-28.645	-67.678 -132.33E-6
55.75000	15.39633	-4.10000	-2.1071	-4.2968	-10.759	-21.370 -79.061E-6
56.33333	15.39633	-4.10000	-2.2979	-4.2968	-30.428	-58.684 -236.31E-6
56.91667	15.39633	-4.10000	-2.6326	-4.2968	-58.769	-122.26 -391.75E-6
57.50000	15.39633	-4.10000	-2.5097	-4.2968	-45.141	-97.579 -274.32E-6
58.08333	15.39633	-4.10000	-2.4632	-4.2968	-45.749	-102.489 -252.58E-6
58.66667	15.39633	-4.10000	-2.5952	-4.2968	-61.667	-144.30 -295.03E-6
59.25000	15.39633	-4.10000	-2.3867	-4.2968	-63.246	-147.83 -303.78E-6
59.83333	15.39633	-4.10000	-1.7646	-4.2968	-59.267	-110.14 -490.44E-6
60.41667	15.39633	-4.10000	0.066511	-4.2968	56.650	131.92 275.69E-6
61.00000	15.39633	-4.10000	1.8078	-4.2968	372.26	0.0011937
61.58333	15.39633	-4.10000	1.8363	-4.2968	163.30	341.60 0.0010749
62.16667	15.39633	-4.10000	0.43307	-4.2968	22.003	98.971 -238.93E-6
62.75000	15.39633	-4.10000	-0.11542	-4.2968	1.1268	18.695 -111.01E-6
63.33333	15.39633	-4.10000	-0.29296	-4.2968	0.048590	3.5429 -24.626E-6
63.91667	15.39633	-4.10000	-0.34907	-4.2968	-0.29511	-0.2958 0.0
64.50000	15.39633	-4.10000	-0.33443	-4.2968	-0.047360	-0.85547 5.1713E-6
65.08333	15.39633	-4.10000	-0.30589	-4.2968	-0.016307	-0.67359 4.5281E-6
65.66667	15.39633	-4.10000	-0.27273	-4.2968	-0.0049884	-0.51100 3.5956E-6
66.25000	15.39633	-4.10000	-0.24012	-4.2968	-0.0016690	-0.41877 2.9993E-6
66.83333	15.39633	-4.10000	-0.20639	-4.2968	-676.39E-6	-0.36069 -2.5992E-6
67.41667	15.39633	-4.10000	-0.18126	-4.2968	-347.83E-6	-0.31707 2.2908E-6
68.00000	15.39633	-4.10000	-0.15552	-4.2968	-219.89E-6	-0.28099 2.0320E-6
68.58333	15.39633	-4.10000	-0.13223	-4.2968	-158.48E-6	-0.24983 1.8075E-6
69.16667	15.39633	-4.10000	-0.11128	-4.2968	-122.31E-6	-0.22262 1.6111E-6
69.75000	15.39633	-4.10000	-0.092515	-4.2968	-97.643E-6	-0.19801 1.4390E-6
70.33333	15.39633	-4.10000	-0.075758	-4.2968	-79.339E-6	-0.17797 1.2884E-6
70.91667	15.39633	-4.10000	-0.060838	-4.2968	-65.160E-6	-0.15976 1.1567E-6
71.50000	15.39633	-4.10000	-0.047585	-4.2968	-53.930E-6	-0.14383 1.0414E-6
72.08333	15.39633	-4.10000	-0.035839	-4.2968	-44.924E-6	-0.12986 0.0
72.66667	15.39633	-4.10000	-0.026449	-4.2968	-37.642E-6	-0.11761 0.0
73.25000	15.39633	-4.10000	-0.016278	-4.2968	-31.715E-6	-0.10682 0.0
73.83333	15.39633	-4.10000	-0.0082013	-4.2968	-26.863E-6	-0.097300 0.0
74.41667	15.39633	-4.10000	-0.0011041	-4.2968	-22.869E-6	-0.088873 0.0
75.00000	15.39633	-4.10000	0.0051163	-4.2968	-19.564E-6	-0.081390 0.0
75.58333	15.39633	-4.10000	0.010553	-4.2968	-16.815E-6	-0.074727 0.0
76.16667	15.98850	-4.10000	-0.51007	-4.2968	-0.0017296	-1.0225 7.3742E-6
76.75000	15.98850	-4.10000	-0.59204	-4.2968	-0.0026663	-1.2854 9.2594E-6
77.33333	15.98850	-4.10000	-0.68805	-4.2968	-0.0043253	-1.6532 11.890E-6
77.91667	15.98850	-4.10000	-0.80148	-4.2968	-0.0075041	-2.1888 15.703E-6
78.50000	15.98850	-4.10000	-0.93709	-4.2968	-0.014289	-3.0135 21.519E-6
79.08333	15.98850	-4.10000	-1.1019	-4.2968	-0.031240	-4.3763 31.044E-6
79.66667	15.98850	-4.10000	-1.3076	-4.2968	-0.085626	-6.9308 48.378E-6
80.25000	15.98850	-4.10000	-1.5763	-4.2968	-0.36001	-12.868 85.451E-6
80.83333	15.98850	-4.10000	-1.9702	-4.2968	-4.1916	-34.860 163.50E-6
81.41667	15.98850	-4.10000	-2.4596	-4.2968	-55.096	-122.53 -309.94E-6
82.00000	15.98850	-4.10000	-3.0423	-4.2968	-53.541	-135.62 -181.21E-6
82.58333	15.98850	-4.10000	-3.0590	-4.2968	-37.932	-103.11 -77.459E-6
83.16667	15.98850	-4.10000	-2.7937	-4.2968	14.017	-30.340 524.76E-6
83.75000	15.98850	-4.10000	-2.3075	-4.2968	-29.305	-82.720E-6
84.33333	15.98850	-4.10000	-2.7596	-4.2968	-63.064	-164.26 -180.74E-6
84.91667	15.98850	-4.10000	-3.8434	-4.2968	-64.006	-171.79 -146.64E-6
85.50000	15.98850	-4.10000	-3.7898	-4.2968	-64.015	-170.82 -153.83E-6
86.08333	15.98850	-4.10000	-3.6094	-4.2968	-63.662	-163.72 -197.63E-6



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
26.00000	15.98850	-4.10000	1.6477	-4.2968	161.90	325.20	0.0011635
26.58333	15.98850	-4.10000	0.23269	-4.2968	19.865	81.289	-157.25E-6
27.16667	15.98850	-4.10000	-0.30704	-4.2968	-1.0675	1.6921	-35.481E-6
27.75000	15.98850	-4.10000	-0.46552	-4.2968	-2.1047	-12.123	42.106E-6
28.33333	15.98850	-4.10000	-0.47498	-4.2968	-1.8126	-12.361	50.181E-6
28.91667	15.98850	-4.10000	-0.20242	-4.2968	-0.50977	-5.9460	32.039E-6
29.50000	15.98850	-4.10000	-0.33704	-4.2968	-0.086805	-2.3285	14.991E-6
30.08333	15.98850	-4.10000	-0.28418	-4.2968	-0.020111	-1.1177	7.6647E-6
30.66667	15.98850	-4.10000	-0.24226	-4.2968	-0.0059500	-0.66522	4.6926E-6
31.25000	15.98850	-4.10000	-0.20732	-4.2968	-0.0021185	-0.46650	3.3355E-6
31.83333	15.98850	-4.10000	-0.17723	-4.2968	-891.89E-6	-0.36336	2.6143E-6
32.41667	15.98850	-4.10000	-0.15087	-4.2968	-441.67E-6	-0.30062	2.1695E-6
33.00000	15.98850	-4.10000	-0.12757	-4.2968	-253.82E-6	-0.25718	1.8588E-6
33.58333	15.98850	-4.10000	-0.10689	-4.2968	-164.71E-6	-0.22427	1.6221E-6
34.16667	15.98850	-4.10000	-0.088515	-4.2968	-116.76E-6	-0.19788	1.4319E-6
34.75000	15.98850	-4.10000	-0.072189	-4.2968	-87.863E-6	-0.17597	1.2737E-6
35.33333	15.98850	-4.10000	-0.057693	-4.2968	-68.753E-6	-0.15741	1.1395E-6
35.91667	15.98850	-4.10000	-0.044836	-4.2968	-55.214E-6	-0.14147	1.0243E-6
36.50000	15.98850	-4.10000	-0.033449	-4.2968	-45.141E-6	-0.12765	0.0
37.08333	15.98850	-4.10000	-0.023380	-4.2968	-37.389E-6	-0.11561	0.0
37.66667	15.98850	-4.10000	-0.014942	-4.2968	-31.281E-6	-0.10504	0.0
38.25000	15.98850	-4.10000	-0.0066627	-4.2968	-26.384E-6	-0.095734	0.0
38.83333	15.98850	-4.10000	218.55E-6	-4.2968	-22.409E-6	-0.087502	0.0
39.41667	15.98850	-4.10000	0.0062511	-4.2968	-19.148E-6	-0.080193	0.0
40.00000	15.98850	-4.10000	0.011524	-4.2968	-16.451E-6	-0.073682	0.0
5.00000	16.58067	-4.10000	-0.58067	-4.2968	-0.0016812	-0.99810	7.2000E-6
5.58333	16.58067	-4.10000	-0.57803	-4.2968	-0.0025937	-1.2537	9.0315E-6
6.16667	16.58067	-4.10000	-0.67132	-4.2968	-0.0042151	-1.6115	11.590E-6
6.75000	16.58067	-4.10000	-0.78151	-4.2968	-0.0073353	-2.1337	15.307E-6
7.33333	16.58067	-4.10000	-0.91332	-4.2968	-0.010429	-2.9391	21.000E-6
7.91667	16.58067	-4.10000	-1.0738	-4.2968	-0.030834	-4.28207	30.374E-6
8.50000	16.58067	-4.10000	-1.2747	-4.2968	-0.084894	-6.8143	47.549E-6
9.08333	16.58067	-4.10000	-1.5389	-4.2968	-0.35705	-12.729	84.509E-6
9.66667	16.58067	-4.10000	-1.9292	-4.2968	-4.0343	-34.620	163.22E-6
10.25000	16.58067	-4.10000	-2.7070	-4.2968	-54.984	-122.59	-306.20E-6
10.83333	16.58067	-4.10000	-3.0253	-4.2968	-53.829	-139.38	-167.52E-6
11.41667	16.58067	-4.10000	-3.1780	-4.2968	-50.629	-131.13	-150.49E-6
12.00000	16.58067	-4.10000	-3.2329	-4.2968	-40.155	-112.91	-54.776E-6
12.58333	16.58067	-4.10000	-3.4966	-4.2968	-53.022	-140.78	-132.51E-6
13.16667	16.58067	-4.10000	-3.7198	-4.2968	-63.564	-168.03	-164.29E-6
13.75000	16.58067	-4.10000	-3.7606	-4.2968	-64.044	-172.15	-144.85E-6
14.33333	16.58067	-4.10000	-3.6847	-4.2968	-64.025	-170.58	-155.84E-6
14.91667	16.58067	-4.10000	-3.4874	-4.2968	-63.665	-163.38	-200.19E-6
15.50000	16.58067	-4.10000	-3.1257	-4.2968	-60.130	-139.53	-296.17E-6
16.08333	16.58067	-4.10000	-2.4718	-4.2968	-26.888	-50.034	-122.02E-6
16.66667	16.58067	-4.10000	-2.0242	-4.2968	-5.3610	-20.033	28.639E-6
17.25000	16.58067	-4.10000	-1.9147	-4.2968	-8.8975	-26.565	0.0
17.83333	16.58067	-4.10000	-1.8243	-4.2968	-9.1821	-27.727	1.3087E-6
18.41667	16.58067	-4.10000	-1.7349	-4.2968	-9.1691	-26.732	-5.6182E-6
19.00000	16.58067	-4.10000	-1.6344	-4.2968	-8.9139	-26.371E-6	0.0
19.58333	16.58067	-4.10000	-1.4631	-4.2968	-4.4916	-3.1916	-74.542E-6
20.16667	16.58067	-4.10000	-0.90453	-4.2968	60.879	93.167	648.55E-6
20.75000	16.58067	-4.10000	-1.2873	-4.2968	28.349	31.504	388.11E-6
21.33333	16.58067	-4.10000	-2.1207	-4.2968	-55.367	-105.22	-441.29E-6
21.91667	16.58067	-4.10000	-2.6847	-4.2968	-6.8040	-47.265	-97.558E-6
22.50000	16.58067	-4.10000	-1.8837	-4.2968	-8.1707	-54.913	220.38E-6
23.08333	16.58067	-4.10000	-2.3043	-4.2968	-60.487	-139.17	-306.59E-6
23.66667	16.58067	-4.10000	-2.2100	-4.2968	-63.353	-149.08	-297.09E-6
24.25000	16.58067	-4.10000	-1.7939	-4.2968	-60.607	-124.47	-151.74E-6
24.83333	16.58067	-4.10000	-0.40141	-4.2968	62.317	405.03E-6	0.0
25.41667	16.58067	-4.10000	0.92829	-4.2968	145.16	249.92	0.0013452
26.00000	16.58067	-4.10000	0.94215	-4.2968	135.92	226.76	0.0013120
26.58333	16.58067	-4.10000	-0.49925	-4.2968	-27.595	-15.405	-488.43E-6
27.16667	16.58067	-4.10000	-0.93933	-4.2968	-48.833	-85.199	-444.35E-6
27.75000	16.58067	-4.10000	-1.0368	-4.2968	-49.968	-94.998	-395.66E-6
28.33333	16.58067	-4.10000	-0.95699	-4.2968	-46.606	-83.907	-405.30E-6
28.91667	16.58067	-4.10000	-0.51765	-4.2968	-3.6015	-19.055	59.808E-6
29.50000	16.58067	-4.10000	-0.36965	-4.2968	-0.21849	-4.4146	27.249E-6
30.08333	16.58067	-4.10000	-0.29386	-4.2968	-0.037420	-1.7026	11.528E-6
30.66667	16.58067	-4.10000	-0.24297	-4.2968	-0.009559	-0.61644	1.342E-6
31.25000	16.58067	-4.10000	-0.20421	-4.2968	-0.0033175	-0.55575	3.9564E-6
31.83333	16.58067	-4.10000	-0.17257	-4.2968	-0.0013343	-0.40221	2.8866E-6
32.41667	16.58067	-4.10000	-0.14573	-4.2968	-623.96E-6	-0.31705	2.2847E-6
33.00000	16.58067	-4.10000	-0.12249	-4.2968	-334.09E-6	-0.26314	1.9002E-6
33.58333	16.58067	-4.10000	-0.58067	-4.2968	-201.38E-6	-0.22588	1.6286E-6
34.16667	16.58067	-4.10000	-0.084189	-4.2968	-133.72E-6	-0.19658	1.4221E-6
34.75000	16.58067	-4.10000	-0.068322	-4.2968	-95.579E-6	-0.17370	1.2571E-6
35.33333	16.58067	-4.10000	-0.054276	-4.2968	-72.048E-6	-0.15483	1.1208E-6
35.91667	16.58067	-4.10000	-0.041841	-4.2968	-56.382E-6	-0.13890	1.0056E-6
36.50000	16.58067	-4.10000	-0.58067	-4.2968	-45.303E-6	-0.12525	0.8712E-6
37.08333	16.58067	-4.10000	-0.021114	-4.2968	-37.100E-6	-0.11342	0.0
37.66667	16.58067	-4.10000	-0.012531	-4.2968	-30.814E-6	-0.10309	0.0
38.25000	16.58067	-4.10000	-0.0049703	-4.2968	-25.874E-6	-0.094008	0.0
38.83333	16.58067	-4.10000	0.0016756	-4.2968	-21.918E-6	-0.085984	0.0
39.41667	16.58067	-4.10000	0.005029	-4.2968	-18.702E-6	-0.078829	0.0
40.00000	16.58067	-4.10000	0.012597	-4.2968	-16.059E-6	-0.072516	0.0
5.00000	17.17283	-4.10000	-0.48312	-4.2968	-0.0016142	-0.96606	6.9677E-6
5.58333	17.17283	-4.10000	-0.55987	-4.2968	-0.0024913	-1.2112	8.7256E-6
6.16667	17.17283	-4.10000	-0.64960	-4.2968	-0.0040555	-1.5549	11.183E-6
6.75000	17.17283	-4.10000	-0.77282	-4.2968	-0.0070813	-2.0578	14.763E-6
7.33333	17.17283	-4.10000	-0.88223	-4.2968	-0.013616	-2.8368	20.267E-6
7.91667	17.17283	-4.10000	-1.0368	-4.2968	-0.030142	-4.1452	29.392E-6
8.50000	17.17283	-4.10000	-1.2309	-4.2968	-0.083621	-6.6323	46.258E-6
9.08333	17.17283	-4.10000	-1.4881	-4.2968	-0.35313	-12.494	82.889E-6
9.66667	17.17283	-4.10000	-1.7922	-4.2968	-3.9687	-34.245	161.98E-6
10.25000	17.17283	-4.10000	-2.6496	-4.2968	-54.787	-122.48	-303.57E-6
10.83333	17.17283	-4.10000	-2.9879	-4.2968	-54.094	-140.94	-154.70E-6
11.41667	17.17283	-4.10000	-3.2341	-4.2968	-67.007	-150.81	-146.52E-6
12.00000	17.17283	-4.10000	-3.4424	-4.2968	-53.129	-162.58	-194.25E-6
12.58333	17.17283	-4.10000	-3.5748	-4.2968	-63.298	-167.39	-169.23E-6
13.16667	17.17283	-4.10000	-3.6535	-4.2968	-63.995	-171.39	-149.30E-6
13.75000	17.17283	-4.10000	-3.6493	-4.2968	-64.075	-172.10	-145.91E-6
14.33333	17.17283	-4.10000	-3.5457	-4.2968	-64.003	-169.47	-163.41E-6
14.91667	17.17283	-4.10000	-3.3101	-4.2968	-66.375	-159.79	-219.91E-6
15.50000	17.17283	-4.10000	-2.7915	-4.2968	-48.210	-110.21	-249.53E-6
16.08333	17.17283	-4.10000	-1.7268	-4.2968	33.437	30.691	504.65E-6
16.66667	17.17283	-4.10000	-1.4721	-4.2968	25.309	34.849	297.76E-6
17.25000	17.17283	-4.10000	-1.5778	-4.2968	-8.0428	-16.138	-57.917E-6
17.83333	17.17283	-4.10000	-1.4652	-4.2968	-8.7557	-18.365	-57.281E-6
18.41667	17.17283	-4.10000	-1.3541	-4.2968	-8.6349	-16.126	-70.884E-6
19.00000	17.17283	-4.10000	-1.2787	-4.2968	-8.5464	-14.554	-80.358E-6
19.58333	17.17283	-4.10000	-1.2362	-4.2968	-8.1862	-12.247	-89.243E-6
20.16667	17.17283	-4.10000	-1.2700	-4.2968	-7.9513	-13.861	-72.437E-6
20.75000	17.17283	-4.10000	-1.1659	-4.2968	-37.459	-72.73	-287.48E-6
21.33333	17.17283	-4.10000	-2.0617	-4.2968	-61.930	-128.99	-402.16E-6
21.91667	17.17283	-4.10000	-2.1544	-4.2968	-61.707	-135.51	-359.66E-6
22.50000	17.17283	-4.10000	-2.1863	-4.2968	-61.899	-139.31	-336.22E-6
23.08333	17.17283	-4.10000	-2.1958	-			



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X	Location	Y	Z [Level]	Displacement	Z	Calc Level	Vert Stress	Stresses	Sum Princ	Vert Strain
	[m]		[m]	[mOD]		[mm]	[mOD]	[kN/m²]		[kN/m²]	[-]
	37.08333	17.17283	-4.10000	-0.018668	-4.2968	-36.645E-6	-0.11102	0.0			
	37.66667	17.17283	-4.10000	-0.010413	-4.2968	-30.246E-6	-0.10096	0.0			
	38.25000	17.17283	-4.10000	-0.0031407	-4.2968	-25.295E-6	-0.092122	0.0			
	38.83333	17.17283	-4.10000	0.0032523	-4.2968	-21.376E-6	-0.084323	0.0			
	39.41667	17.17283	-4.10000	0.0088584	-4.2968	-18.216E-6	-0.077403	0.0			
	40.00000	17.17283	-4.10000	0.013760	-4.2968	-15.633E-6	-0.071234	0.0			
	5.00000	17.76500	-4.10000	-0.46473	-4.2968	-0.0015281	-0.92616	6.6804E-6			
	5.58333	17.76500	-4.10000	-0.53789	-4.2968	-0.0023564	-1.1581	8.3436E-6			
	6.16667	17.76500	-4.10000	-0.62324	-4.2968	-0.0038375	-1.4832	10.668E-6			
	6.75000	17.76500	-4.10000	-0.72382	-4.2968	-0.0067150	-1.9593	14.057E-6			
	7.33333	17.76500	-4.10000	-0.84402	-4.2968	-0.012970	-2.6992	19.284E-6			
	7.91667	17.76500	-4.10000	-0.99064	-4.2968	-0.028930	-3.9494	28.000E-6			
	8.50000	17.76500	-4.10000	-1.1754	-4.2968	-0.081111	-6.3486	44.256E-6			
	9.08333	17.76500	-4.10000	-1.4215	-4.2968	-0.34618	-12.074	79.993E-6			
	9.66667	17.76500	-4.10000	-1.7936	-4.2968	-3.8925	-33.526	158.38E-6			
	10.25000	17.76500	-4.10000	-2.5616	-4.2968	-54.603	-121.65	305.58E-6			
	10.83333	17.76500	-4.10000	-2.9007	-4.2968	-54.143	-141.12	354.43E-6			
	11.41667	17.76500	-4.10000	-3.1576	-4.2968	-57.310	-153.14	413.62E-6			
	12.00000	17.76500	-4.10000	-3.3715	-4.2968	-63.714	-166.83	476.20E-6			
	12.58333	17.76500	-4.10000	-3.4802	-4.2968	-64.007	-170.16	534.47E-6			
	13.16667	17.76500	-4.10000	-3.5244	-4.2968	-64.064	-171.37	593.93E-6			
	13.75000	17.76500	-4.10000	-3.4951	-4.2968	-64.064	-170.88	654.50E-6			
	14.33333	17.76500	-4.10000	-3.3712	-4.2968	-63.962	-167.55	717.42E-6			
	14.91667	17.76500	-4.10000	-3.1073	-4.2968	-63.212	-156.31	784.55E-6			
	15.50000	17.76500	-4.10000	-2.5308	-4.2968	-46.831	-100.37	859.82E-6			
	16.08333	17.76500	-4.10000	-1.3989	-4.2968	-36.912	-49.297	945.36E-6			
	16.66667	17.76500	-4.10000	-1.1369	-4.2968	-27.617	-49.659	1040.61E-6			
	17.25000	17.76500	-4.10000	-1.2266	-4.2968	-7.2760	-4.7794	1133.58E-6			
	17.83333	17.76500	-4.10000	-1.0017	-4.2968	-4.0995	7.5621	1233.97E-6			
	18.41667	17.76500	-4.10000	-0.79716	-4.2968	0.060410	23.845	1343.36E-6			
	19.00000	17.76500	-4.10000	-0.75018	-4.2968	-0.13313	22.831	1468.39E-6			
	19.58333	17.76500	-4.10000	-0.79380	-4.2968	-0.59495	17.335	1598.60E-6			
	20.16667	17.76500	-4.10000	-0.91981	-4.2968	-1.7187	6.3410	1734.00E-6			
	20.75000	17.76500	-4.10000	-1.3418	-4.2968	-30.816	-52.880	1884.83E-6			
	21.33333	17.76500	-4.10000	-1.7103	-4.2968	-54.280	-104.42	2054.48E-6			
	21.91667	17.76500	-4.10000	-1.7962	-4.2968	-54.831	-110.79	2249.28E-6			
	22.50000	17.76500	-4.10000	-1.8125	-4.2968	-54.683	-111.67	2469.71E-6			
	23.08333	17.76500	-4.10000	-1.8196	-4.2968	-55.034	-115.45	2719.89E-6			
	23.66667	17.76500	-4.10000	-1.7835	-4.2968	-55.351	-118.24	3004.59E-6			
	24.25000	17.76500	-4.10000	-1.6699	-4.2968	-55.308	-116.47	3335.51E-6			
	24.83333	17.76500	-4.10000	-1.4981	-4.2968	-54.984	-110.89	3731.89E-6			
	25.41667	17.76500	-4.10000	-1.3328	-4.2968	-54.639	-105.32	4244.72E-6			
	26.00000	17.76500	-4.10000	-1.2292	-4.2968	-54.867	-102.11	4853.00E-6			
	26.58333	17.76500	-4.10000	-1.1577	-4.2968	-51.066	-96.500	5510.99E-6			
	27.16667	17.76500	-4.10000	-1.1388	-4.2968	-51.344	-97.704	6289.31E-6			
	27.75000	17.76500	-4.10000	-1.0595	-4.2968	-45.780	-90.701	7199.07E-6			
	28.33333	17.76500	-4.10000	-0.97900	-4.2968	-48.607	-85.562	8286.80E-6			
	28.91667	17.76500	-4.10000	-0.51870	-4.2968	-4.0073	-20.068	9582.33E-6			
	29.50000	17.76500	-4.10000	-0.36101	-4.2968	-0.22182	-4.6107	11128.59E-6			
	30.08333	17.76500	-4.10000	-0.28159	-4.2968	-0.037811	-1.8251	12908E-6			
	30.66667	17.76500	-4.10000	-0.22903	-4.2968	-0.010341	-0.9568	14892.6E-6			
	31.25000	17.76500	-4.10000	-0.18983	-4.2968	-0.0036588	-0.59577	17239.1E-6			
	31.83333	17.76500	-4.10000	-0.15854	-4.2968	-0.0015364	-0.42069	20161.6E-6			
	32.41667	17.76500	-4.10000	-0.13253	-4.2968	-0.735.89E-6	-0.32289	23246E-6			
	33.00000	17.76500	-4.10000	-0.11035	-4.2968	-393.79E-6	-0.26201	27890.7E-6			
	33.58333	17.76500	-4.10000	-0.091160	-4.2968	-232.17E-6	-0.22059	33594.0E-6			
	34.16667	17.76500	-4.10000	-0.074387	-4.2968	-148.87E-6	-0.19034	41376.5E-6			
	34.75000	17.76500	-4.10000	-0.059646	-4.2968	-102.41E-6	-0.16700	50208.3E-6			
	35.33333	17.76500	-4.10000	-0.046647	-4.2968	-74.534E-6	-0.14826	60731.1E-6			
	35.91667	17.76500	-4.10000	-0.035167	-4.2968	-56.679E-6	-0.13275	73800.0E-6			
	36.50000	17.76500	-4.10000	-0.025022	-4.2968	-44.561E-6	-0.11965	89500.0E-6			
	37.08333	17.76500	-4.10000	-0.016062	-4.2968	-35.926E-6	-0.10841	10904.0E-6			
	37.66667	17.76500	-4.10000	-0.0081557	-4.2968	-29.522E-6	-0.098638	13596.0E-6			
	38.25000	17.76500	-4.10000	-0.0011904	-4.2968	-24.618E-6	-0.090079	16907.0E-6			
	38.83333	17.76500	-4.10000	0.0049335	-4.2968	-20.767E-6	-0.082526	20922.0E-6			
	39.41667	17.76500	-4.10000	0.010304	-4.2968	-17.682E-6	-0.075823	25800.0E-6			
	40.00000	17.76500	-4.10000	0.015000	-4.2968	-15.171E-6	-0.069844	31400.0E-6			
	5.00000	18.35717	-4.10000	-0.44351	-4.2968	-0.0014231	-0.87931	6.3430E-6			
	5.58333	18.35717	-4.10000	-0.51248	-4.2968	-0.0021882	-1.0951	7.8099E-6			
	6.16667	18.35717	-4.10000	-0.59269	-4.2968	-0.0035556	-1.3968	9.4048E-6			
	6.75000	18.35717	-4.10000	-0.68690	-4.2968	-0.0062157	-1.8379	11.187E-6			
	7.33333	18.35717	-4.10000	-0.79913	-4.2968	-0.012018	-2.5231	13.028E-6			
	7.91667	18.35717	-4.10000	-0.93570	-4.2968	-0.026922	-3.6832	15.113E-6			
	8.50000	18.35717	-4.10000	-1.1076	-4.2968	-0.076245	-5.9240	17.884E-6			
	9.08333	18.35717	-4.10000	-1.3172	-4.2968	-0.33151	-11.347	21.046E-6			
	9.66667	18.35717	-4.10000	-1.6879	-4.2968	-3.7948	-32.132	25.396E-6			
	10.25000	18.35717	-4.10000	-2.4323	-4.2968	-54.354	-119.46	31.101E-6			
	10.83333	18.35717	-4.10000	-2.7513	-4.2968	-54.052	-138.70	37.066E-6			
	11.41667	18.35717	-4.10000	-2.9891	-4.2968	-57.203	-150.27	43.696E-6			
	12.00000	18.35717	-4.10000	-3.1870	-4.2968	-63.592	-163.61	51.936E-6			
	12.58333	18.35717	-4								



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
12.58333	18.94933	-4.10000	-2.9488	-4.2968	-62.186	-151.55	-253.74E-6
13.16667	18.94933	-4.10000	-3.0028	-4.2968	-62.646	-155.62	-234.24E-6
13.75000	18.94933	-4.10000	-2.9781	-4.2968	-62.740	-156.24	-231.79E-6
14.33333	18.94933	-4.10000	-2.8566	-4.2968	-62.657	-153.31	-251.21E-6
14.91667	18.94933	-4.10000	-2.5988	-4.2968	-61.940	-142.57	-213.49E-6
15.50000	18.94933	-4.10000	-2.0371	-4.2968	-45.850	-88.369	-136.50E-6
16.08333	18.94933	-4.10000	-0.92641	-4.2968	36.588	58.092	374.55E-6
16.66667	18.94933	-4.10000	-0.64361	-4.2968	28.168	60.390	174.80E-6
17.25000	18.94933	-4.10000	-0.60773	-4.2968	-4.2572	21.870	-251.11E-6
17.83333	18.94933	-4.10000	0.59956	-4.2968	100.86	207.52	688.99E-6
18.41667	18.94933	-4.10000	-1.6937	-4.2968	208.25	382.36	0.0017570
19.00000	18.94933	-4.10000	0.75291	-4.2968	86.493	208.64	368.49E-6
19.58333	18.94933	-4.10000	0.29152	-4.2968	54.989	128.55	263.98E-6
20.16667	18.94933	-4.10000	0.082782	-4.2968	52.616	108.90	354.85E-6
20.75000	18.94933	-4.10000	-0.32911	-4.2968	23.178	50.083	140.99E-6
21.33333	18.94933	-4.10000	-0.61672	-4.2968	0.064933	7.1307	-50.27E-6
21.91667	18.94933	-4.10000	-0.33641	-4.2968	31.471	65.605	208.82E-6
22.50000	18.94933	-4.10000	0.18457	-4.2968	96.366	159.78	937.40E-6
23.08333	18.94933	-4.10000	-0.37323	-4.2968	31.407	62.713	228.39E-6
23.66667	18.94933	-4.10000	-0.73583	-4.2968	-0.75233	-3.8741	11.722E-6
24.25000	18.94933	-4.10000	-0.74261	-4.2968	-1.6089	-11.749	-16.529E-6
24.83333	18.94933	-4.10000	-0.74156	-4.2968	-1.6605	-12.186	52.228E-6
25.41667	18.94933	-4.10000	-0.68659	-4.2968	-1.7451	-12.085	49.650E-6
26.00000	18.94933	-4.10000	-0.65312	-4.2968	-7.4243	-15.970	-45.687E-6
26.58333	18.94933	-4.10000	-0.48440	-4.2968	4.5827	3.4061	74.968E-6
27.16667	18.94933	-4.10000	-0.34093	-4.2968	6.4446	6.9815	17.981E-6
27.75000	18.94933	-4.10000	-0.34597	-4.2968	6.6541	10.604	67.834E-6
28.33333	18.94933	-4.10000	-0.31618	-4.2968	5.5381	7.3771	66.958E-6
28.91667	18.94933	-4.10000	-0.31454	-4.2968	0.38991	-0.44974	11.739E-6
29.50000	18.94933	-4.10000	-0.27433	-4.2968	-0.005938	-1.2870	9.2062E-6
30.08333	18.94933	-4.10000	-0.23208	-4.2968	-0.0081037	-0.82418	6.6241E-6
30.66667	18.94933	-4.10000	-0.19529	-4.2968	-0.0040254	-0.65443	4.6563E-6
31.25000	18.94933	-4.10000	-0.16413	-4.2968	-0.0019612	-0.47588	3.4069E-6
31.83333	18.94933	-4.10000	-0.13765	-4.2968	-0.0010087	-0.36403	2.6169E-6
32.41667	18.94933	-4.10000	-0.11494	-4.2968	-554.28E-6	-0.2913	2.0981E-6
33.00000	18.94933	-4.10000	-0.095273	-4.2968	-325.64E-6	-0.2110	1.7406E-6
33.58333	18.94933	-4.10000	-0.078110	-4.2968	-203.99E-6	-0.20504	1.4819E-6
34.16667	18.94933	-4.10000	-0.063049	-4.2968	-135.60E-6	-0.17784	1.2862E-6
34.75000	18.94933	-4.10000	-0.049781	-4.2968	-95.033E-6	-0.15652	1.1325E-6
35.33333	18.94933	-4.10000	-0.030666	-4.2968	-69.694E-6	-0.13928	1.0081E-6
35.91667	18.94933	-4.10000	-0.027708	-4.2968	-53.075E-6	-0.12487	0.0
36.50000	18.94933	-4.10000	-0.018548	-4.2968	-41.673E-6	-0.11288	0.0
37.08333	18.94933	-4.10000	-0.010451	-4.2968	-33.528E-6	-0.10249	0.0
37.66667	18.94933	-4.10000	-0.003011	-4.2968	-27.502E-6	-0.093467	0.0
38.25000	18.94933	-4.10000	0.0038917	-4.2968	-22.909E-6	-0.085551	0.0
38.83333	18.94933	-4.10000	0.0085461	-4.2968	-19.319E-6	-0.078556	0.0
39.41667	18.94933	-4.10000	0.013410	-4.2968	-16.456E-6	-0.072336	0.0
40.00000	18.94933	-4.10000	0.017664	-4.2968	-14.133E-6	-0.066777	0.0
5.00000	19.54150	-4.10000	-0.39434	-4.2968	-0.0011678	-0.76930	5.5511E-6
5.58333	19.54150	-4.10000	-0.45359	-4.2968	-0.0017659	-0.94175	6.8175E-6
6.16667	19.54150	-4.10000	-0.52172	-4.2968	-0.0028224	-1.1885	8.5541E-6
6.75000	19.54150	-4.10000	-0.60069	-4.2968	-0.0048401	-1.5371	11.037E-6
7.33333	19.54150	-4.10000	-0.69335	-4.2968	-0.0091621	-2.0676	14.788E-6
7.91667	19.54150	-4.10000	-0.80404	-4.2968	-0.020040	-2.9456	20.916E-6
8.50000	19.54150	-4.10000	-0.94068	-4.2968	-0.055080	-4.5963	22.120E-6
9.08333	19.54150	-4.10000	-1.1164	-4.2968	-0.22789	-8.4483	56.285E-6
9.66667	19.54150	-4.10000	-1.3720	-4.2968	-2.2788	-22.232	111.60E-6
10.25000	19.54150	-4.10000	-1.8773	-4.2968	-34.790	-80.006	-176.61E-6
10.83333	19.54150	-4.10000	-2.0584	-4.2968	-32.257	-87.613	-66.399E-6
11.41667	19.54150	-4.10000	-2.6133	-4.2968	-24.590	-69.783	-28.897E-6
12.00000	19.54150	-4.10000	-1.9522	-4.2968	-11.6289	-33.717	208.99E-6
12.58333	19.54150	-4.10000	-2.1903	-4.2968	-20.015	-66.571	47.308E-6
13.16667	19.54150	-4.10000	-2.3976	-4.2968	-34.764	-98.952	-38.698E-6
13.75000	19.54150	-4.10000	-2.4042	-4.2968	-35.295	-102.94	-21.358E-6
14.33333	19.54150	-4.10000	-2.3032	-4.2968	-35.263	-101.00	-34.639E-6
14.91667	19.54150	-4.10000	-2.0780	-4.2968	-34.695	-92.113	-86.788E-6
15.50000	19.54150	-4.10000	-1.6102	-4.2968	-23.679	-50.519	-148.72E-6
16.08333	19.54150	-4.10000	-0.70048	-4.2968	39.105	67.447	361.48E-6
16.66667	19.54150	-4.10000	-0.44704	-4.2968	33.599	70.137	222.25E-6
17.25000	19.54150	-4.10000	-0.49029	-4.2968	-0.49029	-171.68E-6	-171.68E-6
17.83333	19.54150	-4.10000	0.15479	-4.2968	44.130	112.47	144.40E-6
18.41667	19.54150	-4.10000	0.71675	-4.2968	89.135	195.89	518.39E-6
19.00000	19.54150	-4.10000	0.29614	-4.2968	38.409	113.32	13.799E-6
19.58333	19.54150	-4.10000	0.019268	-4.2968	23.888	69.006	19.272E-6
20.16667	19.54150	-4.10000	-0.15093	-4.2968	20.637	51.705	33.977E-6
20.75000	19.54150	-4.10000	-0.42447	-4.2968	1.3257	13.991	-72.588E-6
21.33333	19.54150	-4.10000	-0.54426	-4.2968	-5.9299	-2.0231	-114.29E-6
21.91667	19.54150	-4.10000	-0.39068	-4.2968	8.3372	28.885	-28.079E-6
22.50000	19.54150	-4.10000	-0.14633	-4.2968	35.850	74.138	242.19E-6
23.08333	19.54150	-4.10000	-0.41165	-4.2968	9.1141	4.2395	-2.233E-6
23.66667	19.54150	-4.10000	-0.61311	-4.2968	-4.6816	-6.6324	-53.731E-6
24.25000	19.54150	-4.10000	-0.64629	-4.2968	-4.8174	-11.539	-21.118E-6
24.83333	19.54150	-4.10000	-0.62918	-4.2968	-4.4651	-12.091	-9.4561E-6
25.41667	19.54150	-4.10000	-0.58929	-4.2968	-4.0783	-11.587	-4.6966E-6
26.00000	19.54150	-4.10000	-0.53438	-4.2968	-3.6284	-10.574	-1.6429E-6
26.58333	19.54150	-4.10000	-0.44896	-4.2968	-0.39247	-3.1904	14.592E-6
27.16667	19.54150	-4.10000	-0.38720	-4.2968	0.19882	-0.38371	7.1051E-6
27.75000	19.54150	-4.10000	-0.34178	-4.2968	0.25230	0.24151	3.7359E-6
28.33333	19.54150	-4.10000	-0.30539	-4.2968	0.20761	0.040560	4.2209E-6
28.91667	19.54150	-4.10000	-0.27190	-4.2968	0.049494	-0.36238	4.6233E-6
29.50000	19.54150	-4.10000	-0.23993	-4.2968	555.33E-6	-0.79106	5.7464E-6
30.08333	19.54150	-4.10000	-0.20671	-4.2968	-0.0030581	-0.66609	4.7619E-6
30.66667	19.54150	-4.10000	-0.17626	-4.2968	-0.0021289	-0.52026	3.7250E-6
31.25000	19.54150	-4.10000	-0.14930	-4.2968	-0.0012509	-0.40720	2.9245E-6
31.83333	19.54150	-4.10000	-0.12659	-4.2968	-727.38E-6	-0.32688	2.3486E-6
32.41667	19.54150	-4.10000	-0.10503	-4.2968	-435.63E-6	-0.26833	1.9356E-6
33.00000	19.54150	-4.10000	-0.086923	-4.2968	-272.28E-6	-0.22612	1.6332E-6
33.58333	19.54150	-4.10000	-0.070989	-4.2968	-178.30E-6	-0.19437	1.4051E-6
34.16667	19.54150	-4.10000	-0.056992	-4.2968	-122.26E-6	-0.16975	1.2278E-6
34.75000	19.54150	-4.10000	-0.044505	-4.2968	-87.512E-6	-0.15009	1.0866E-6
35.33333	19.54150	-4.10000	-0.033503	-4.2968	-65.075E-6	-0.13398	0.0
35.91667	19.54150	-4.10000	-0.023759	-4.2968	-50.000E-6	-0.12053	0.0
36.50000	19.54150	-4.10000	-0.015130	-4.2968	-39.481E-6	-0.10909	0.0
37.08333	19.54150	-4.10000	-0.0074944	-4.2968	-31.881E-6	-0.099233	0.0
37.66667	19.54150	-4.10000	-0.5858E-6	-4.2968	-26.218E-6	-0.090648	0.0
38.25000	19.54150	-4.10000	0.0052059	-4.2968	-21.881E-6	-0.083093	0.0
38.83333	19.54150	-4.10000	0.010444	-4.2968	-18.482E-6	-0.076407	0.0
39.41667	19.54150	-4.10000	0.015042	-4.2968	-15.766E-6	-0.070451	0.0
40.00000	19.54150	-4.10000	0.019063	-4.2968	-13.560E-6	-0.065120	0.0
5.00000	20.13367	-4.10000	-0.36743	-4.2968	-0.0010270	-0.70926	5.1190E-6
5.58333	20.13367	-4.10000	-0.42141	-4.2968	-0.0015329	-0.86409	6.2303E-6
6.16667	20.13367	-4.10000	-0.48298	-4.2968	-0.0024070	-1.0739	7.7324E-6
6.75000	20.13367	-4.10000	-0.55365	-4.2968	-0.0040434	-1.3699	9.8419E-6
7.33333	20.13367	-4.10000	-0.63532	-4.2968	-0.0074593	-1.8104	12.961E-6
7.91667	20.13367	-4.10000	-0.73171	-4.2968	-0.015800	-2.5183	17.918E-6
8.50000	20.13367	-4.10000	-0.84736	-4.2968	-0.041701	-3.8054	26.678E-6
9.08333	20.13367	-4.10000	-0.99242	-4.2968	-0.16326	-6.6762	44



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Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
23.66667	20.13367	-4.10000	-0.49070	-4.2968	-0.023858	-0.31099	1.7355E-6
24.25000	20.13367	-4.10000	-0.50264	-4.2968	-0.13744	-2.3181	13.814E-6
24.83333	20.13367	-4.10000	-0.49076	-4.2968	-0.15125	-2.9203	17.879E-6
25.41667	20.13367	-4.10000	-0.46350	-4.2968	-0.14153	-2.9165	18.063E-6
26.00000	20.13367	-4.10000	-0.42619	-4.2968	-0.10846	-2.4804	15.622E-6
26.58333	20.13367	-4.10000	-0.38316	-4.2968	-0.037223	-1.5686	11.257E-6
27.16667	20.13367	-4.10000	-0.34145	-4.2968	0.0042043	-1.0302	7.5593E-6
27.75000	20.13367	-4.10000	-0.30434	-4.2968	0.014037	-0.73399	5.6258E-6
28.33333	20.13367	-4.10000	-0.27124	-4.2968	0.011278	-0.64252	4.9028E-6
28.91667	20.13367	-4.10000	-0.24067	-4.2968	0.0036139	-0.63179	4.6584E-6
29.50000	20.13367	-4.10000	-0.21141	-4.2968	-708.90E-6	-0.59077	4.2670E-6
30.08333	20.13367	-4.10000	-0.18355	-4.2968	-0.0014710	-0.50974	3.6630E-6
30.66667	20.13367	-4.10000	-0.15773	-4.2968	-0.0011749	-0.42306	3.0412E-6
31.25000	20.13367	-4.10000	-0.13434	-4.2968	-790.88E-6	-0.34881	2.5113E-6
31.83333	20.13367	-4.10000	-0.11341	-4.2968	-511.32E-6	-0.29022	2.0927E-6
32.41667	20.13367	-4.10000	-0.094807	-4.2968	-332.04E-6	-0.24507	1.7693E-6
33.00000	20.13367	-4.10000	-0.078294	-4.2968	-220.70E-6	-0.21018	1.5188E-6
33.58333	20.13367	-4.10000	-0.063642	-4.2968	-151.36E-6	-0.18283	1.3220E-6
34.16667	20.13367	-4.10000	-0.050635	-4.2968	-107.40E-6	-0.16096	1.1644E-6
34.75000	20.13367	-4.10000	-0.039084	-4.2968	-78.803E-6	-0.14313	1.0358E-6
35.33333	20.13367	-4.10000	-0.028625	-4.2968	-59.635E-6	-0.12832	0.9150E-6
35.91667	20.13367	-4.10000	-0.019716	-4.2968	-46.386E-6	-0.11581	0.0
36.50000	20.13367	-4.10000	-0.011635	-4.2968	-36.943E-6	-0.10510	0.0
37.08333	20.13367	-4.10000	-0.0044737	-4.2968	-30.013E-6	-0.095814	0.0
37.66667	20.13367	-4.10000	0.0018620	-4.2968	-24.791E-6	-0.087692	0.0
38.25000	20.13367	-4.10000	0.0053366	-4.2968	-20.760E-6	-0.080536	0.0
38.83333	20.13367	-4.10000	0.012381	-4.2968	-17.583E-6	-0.074169	0.0
39.41667	20.13367	-4.10000	0.016706	-4.2968	-15.034E-6	-0.068490	0.0
40.00000	20.13367	-4.10000	0.020489	-4.2968	-12.957E-6	-0.063394	0.0
5.00000	20.72583	-4.10000	-0.33968	-4.2968	-885.87E-6	-0.64826	4.6799E-6
5.58333	20.72583	-4.10000	-0.38836	-4.2968	-0.0012983	-0.78142	5.361E-6
6.16667	20.72583	-4.10000	-0.44334	-4.2968	-0.0019935	-0.95848	6.9045E-6
6.75000	20.72583	-4.10000	-0.50568	-4.2968	-0.0032541	-1.2023	8.6443E-6
7.33333	20.72583	-4.10000	-0.57680	-4.2968	-0.0057855	-1.5542	11.140E-6
7.91667	20.72583	-4.10000	-0.65867	-4.2968	-0.016586	-2.0131	14.954E-6
8.50000	20.72583	-4.10000	-0.75495	-4.2968	-0.028175	-3.0362	21.375E-6
9.08333	20.72583	-4.10000	-0.86973	-4.2968	-0.11009	-5.0281	34.054E-6
9.66667	20.72583	-4.10000	-1.0224	-4.2968	-1.0926	-11.940	62.792E-6
10.25000	20.72583	-4.10000	-1.3614	-4.2968	-26.862	-51.340	-212.00E-6
10.83333	20.72583	-4.10000	-1.4926	-4.2968	-30.370	-60.729	-220.22E-6
11.41667	20.72583	-4.10000	-1.4691	-4.2968	-25.226	-45.407	-219.43E-6
12.00000	20.72583	-4.10000	-1.3785	-4.2968	-12.669	-19.414	-134.78E-6
12.58333	20.72583	-4.10000	-1.5183	-4.2968	-21.754	-39.528	-186.54E-6
13.16667	20.72583	-4.10000	-1.6580	-4.2968	-29.540	-61.299	-198.04E-6
13.75000	20.72583	-4.10000	-1.8198	-4.2968	-29.766	-79.542	-219.54E-6
14.33333	20.72583	-4.10000	-1.6057	-4.2968	-29.565	-63.408	-183.31E-6
14.91667	20.72583	-4.10000	-1.4649	-4.2968	-29.071	-58.333	-209.36E-6
15.50000	20.72583	-4.10000	-1.1832	-4.2968	-22.021	-34.603	-228.05E-6
16.08333	20.72583	-4.10000	-0.57731	-4.2968	25.361	44.006	232.53E-6
16.66667	20.72583	-4.10000	-0.43957	-4.2968	22.106	43.521	165.26E-6
17.25000	20.72583	-4.10000	-0.59567	-4.2968	-7.968	-3.599	-148.02E-6
17.83333	20.72583	-4.10000	-0.53674	-4.2968	-8.6967	-7.0193	-138.24E-6
18.41667	20.72583	-4.10000	-0.47779	-4.2968	-8.7016	-6.7389	-140.38E-6
19.00000	20.72583	-4.10000	-0.45529	-4.2968	-8.7532	-7.5660	-135.51E-6
19.58333	20.72583	-4.10000	-0.44596	-4.2968	-9.352	-124.65E-6	-8.297E-6
20.16667	20.72583	-4.10000	-0.48849	-4.2968	-9.3704	-12.075	-116.24E-6
20.75000	20.72583	-4.10000	-0.46848	-4.2968	-4.8222	-7.2642	-52.209E-6
21.33333	20.72583	-4.10000	-0.43102	-4.2968	-0.087446	0.24577	-3.6832E-6
21.91667	20.72583	-4.10000	-0.42138	-4.2968	0.056562	1.1993	-7.4634E-6
22.50000	20.72583	-4.10000	-0.41590	-4.2968	0.085933	1.3615	-8.0005E-6
23.08333	20.72583	-4.10000	-0.41917	-4.2968	0.057546	0.67596	-3.6485E-6
23.66667	20.72583	-4.10000	-0.42442	-4.2968	0.013636	-0.31635	2.5897E-6
24.25000	20.72583	-4.10000	-0.42200	-4.2968	-0.010143	-0.99950	7.0247E-6
24.83333	20.72583	-4.10000	-0.40916	-4.2968	-0.018339	-1.3100	9.0968E-6
25.41667	20.72583	-4.10000	-0.38566	-4.2968	-0.019144	-1.4757	10.425E-6
26.00000	20.72583	-4.10000	-0.35982	-4.2968	-0.015276	-1.2499	8.7278E-6
26.58333	20.72583	-4.10000	-0.32876	-4.2968	-0.0084191	-1.0403	7.3576E-6
27.16667	20.72583	-4.10000	-0.29720	-4.2968	-0.0028029	-0.83443	5.9877E-6
27.75000	20.72583	-4.10000	-0.26693	-4.2968	-270.17E-6	-0.68772	4.9793E-6
28.33333	20.72583	-4.10000	-0.23588	-4.2968	101.46E-6	-0.59688	4.3202E-6
28.91667	20.72583	-4.10000	-0.21169	-4.2968	-427.00E-6	-0.53210	3.8478E-6
29.50000	20.72583	-4.10000	-0.18631	-4.2968	-842.45E-6	-0.47340	3.4133E-6
30.08333	20.72583	-4.10000	-0.16238	-4.2968	-872.46E-6	-0.41251	2.9712E-6
30.66667	20.72583	-4.10000	-0.14013	-4.2968	-706.43E-6	-0.35374	2.5489E-6
31.25000	20.72583	-4.10000	-0.11971	-4.2968	-514.81E-6	-0.31242	2.1767E-6
31.83333	20.72583	-4.10000	-0.10120	-4.2968	-360.50E-6	-0.25842	1.8654E-6
32.41667	20.72583	-4.10000	-0.084528	-4.2968	-250.66E-6	-0.22304	1.6113E-6
33.00000	20.72583	-4.10000	-0.069577	-4.2968	-176.14E-6	-0.19438	1.4052E-6
33.58333	20.72583	-4.10000	-0.056201	-4.2968	-126.26E-6	-0.17106	1.2373E-6
34.16667	20.72583	-4.10000	-0.042583	-4.2968	-92.702E-6	-0.15188	1.0990E-6
34.75000	20.72583	-4.10000	-0.033591	-4.2968	-69.802E-6	-0.13591	0.0
35.33333	20.72583	-4.10000	-0.024086	-4.2968	-53.855E-6	-0.12243	0.0
35.91667	20.72583	-4.10000	-0.015623	-4.2968	-42.492E-6	-0.11091	0.0
36.50000	20.72583	-4.10000	-0.0080978	-4.2968	-34.199E-6	-0.10096	0.0
37.08333	20.72583	-4.10000	-0.01575	-4.2968	-28.001E-6	-0.09271	0.0
37.66667	20.72583	-4.10000	0.0045005	-4.2968	-23.266E-6	-0.084646	0.0
38.25000	20.72583	-4.10000	0.0097305	-4.2968	-19.572E-6	-0.077885	0.0
38.83333	20.72583	-4.10000	0.014339	-4.2968	-16.638E-6	-0.071861	0.0
39.41667	20.72583	-4.10000	0.018387	-4.2968	-14.270E-6	-0.066466	0.0
40.00000	20.72583	-4.10000	0.022592	-4.2968	-12.321E-6	-0.061639	0.0
5.00000	21.31800	-4.10000	-0.31166	-4.2968	-750.52E-6	-0.58806	4.2465E-6
5.58333	21.31800	-4.10000	-0.35512	-4.2968	-0.0010763	-0.70053	5.0547E-6
6.16667	21.31800	-4.10000	-0.40369	-4.2968	-0.0016071	-0.84671	6.1027E-6
6.75000	21.31800	-4.10000	-0.45803	-4.2968	-0.0025295	-1.0421	7.4992E-6
7.33333	21.31800	-4.10000	-0.51895	-4.2968	-0.0042904	-1.3134	9.4272E-6
7.91667	21.31800	-4.10000	-0.58746	-4.2968	-0.0080575	-1.7103	12.223E-6
8.50000	21.31800	-4.10000	-0.66489	-4.2968	-0.018019	-2.3413	16.579E-6
9.08333	21.31800	-4.10000	-0.75328	-4.2968	-0.054907	-3.4993	24.172E-6
9.66667	21.31800	-4.10000	-0.85629	-4.2968	-0.29325	-6.2405	38.859E-6
10.25000	21.31800	-4.10000	-0.97220	-4.2968	-1.60328	-12.462	55.469E-6
10.83333	21.31800	-4.10000	-1.0543	-4.2968	-2.0668	-15.294	65.917E-6
11.41667	21.31800	-4.10000	-1.0916	-4.2968	-1.8410	-13.947	61.061E-6
12.00000	21.31800	-4.10000	-1.1141	-4.2968	-1.5525	-12.250	55.036E-6
12.58333	21.31800	-4.10000	-1.1505	-4.2968	-1.6795	-13.792	63.455E-6
13.16667	21.31800	-4.10000	-1.1799	-4.2968	-1.8809	-16.199	76.521E-6
13.75000	21.31800	-4.10000	-1.1733	-4.2968	-1.8992	-16.929	81.417E-6
14.33333	21.31800	-4.10000	-1.1235	-4.2968	-1.8371	-16.150	77.118E-6
14.91667	21.31800	-4.10000	-1.0277	-4.2968	-1.6759	-13.568	61.905E-6
15.50000	21.31800	-4.10000	-0.88021	-4.2968	-0.89808	-6.8522	30.140E-6
16.08333	21.31800	-4.10000	-0.70288	-4.2968	1.2744	4.6129	5.7248E-6
16.66667	21.31800	-4.10000	-0.59425	-4.2968	1.1205	6.0810	-19.712E-6
17.25000	21.31800	-4.10000	-0.54721	-4.2968	-0.34277	0.65893	-12.231E-6
17.83333	21.31800	-4.10000	-0.49789	-4.2968	-0.53762	-0.67635	-6.7887E-6
18.41667	21.31800	-4.10000	-0.45809	-4.2968	-0.56083	-0.84598	-6.0669E-6
19.00000	21.31800	-4.10000	-0.42843	-4.2968	-0.57231	-1.0931	-4.5218E-6
19.58333	21.31800	-4.10000	-0.41728	-4.2968	-0.58792	-1.5729	-1.3838E-6
20.16667	21.31800	-4.10000	-0.41379	-4.2968	-0.58556	-1.9630	1.4



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X	Location	Displacement	Stresses			
	[m]	[m]	[mm]	Level	Vert Stress	Sum Princ	Vert Strain
			[mOD]	[mOD]	[kN/m²]	[kN/m²]	[-]
34.75000	21.31800	-4.10000	-0.028095	-4.2968	-61.144E-6	-0.12863	0.0
35.33333	21.31800	-4.10000	-0.019341	-4.2968	-48.114E-6	-0.11645	0.0
35.91667	21.31800	-4.10000	-0.011523	-4.2968	-38.541E-6	-0.10592	0.0
36.50000	21.31800	-4.10000	-0.0045535	-4.2968	-31.381E-6	-0.096740	0.0
37.08333	21.31800	-4.10000	0.0016451	-4.2968	-25.924E-6	-0.088672	0.0
37.66667	21.31800	-4.10000	0.0071446	-4.2968	-21.689E-6	-0.081535	0.0
38.25000	21.31800	-4.10000	0.012010	-4.2968	-18.346E-6	-0.075184	0.0
38.83333	21.31800	-4.10000	0.016301	-4.2968	-15.666E-6	-0.069502	0.0
39.41667	21.31800	-4.10000	0.020072	-4.2968	-13.486E-6	-0.064396	0.0
40.00000	21.31800	-4.10000	0.023371	-4.2968	-11.690E-6	-0.059789	0.0
5.00000	21.91017	-4.10000	-0.28383	-4.2968	-626.01E-6	-0.53020	3.8297E-6
5.58333	21.91017	-4.10000	-0.32232	-4.2968	-875.81E-6	-0.62376	4.5025E-6
6.16667	21.91017	-4.10000	-0.36485	-4.2968	-0.0012667	-0.74226	5.3530E-6
6.75000	21.91017	-4.10000	-0.41176	-4.2968	-0.0019110	-0.89550	6.4497E-6
7.33333	21.91017	-4.10000	-0.46341	-4.2968	-0.0030471	-1.0988	7.8987E-6
7.91667	21.91017	-4.10000	-0.52011	-4.2968	-0.0052416	-1.3776	9.8717E-6
8.50000	21.91017	-4.10000	-0.58203	-4.2968	-0.010035	-1.7766	12.660E-6
9.08333	21.91017	-4.10000	-0.64895	-4.2968	-0.022147	-2.3772	16.750E-6
9.66667	21.91017	-4.10000	-0.71927	-4.2968	-0.054503	-3.2899	22.663E-6
10.25000	21.91017	-4.10000	-0.78723	-4.2968	-0.11149	-4.4000	29.470E-6
10.83333	21.91017	-4.10000	-0.84264	-4.2968	-0.14264	-5.0935	33.820E-6
11.41667	21.91017	-4.10000	-0.88124	-4.2968	-0.13383	-5.1803	34.641E-6
12.00000	21.91017	-4.10000	-0.90811	-4.2968	-0.12053	-5.1599	34.782E-6
12.58333	21.91017	-4.10000	-0.92780	-4.2968	-0.13138	-5.4709	36.801E-6
13.16667	21.91017	-4.10000	-0.93570	-4.2968	-0.15200	-5.8874	39.371E-6
13.75000	21.91017	-4.10000	-0.92341	-4.2968	-0.16067	-5.9747	39.816E-6
14.33333	21.91017	-4.10000	-0.88624	-4.2968	-0.15348	-5.5396	36.818E-6
14.91667	21.91017	-4.10000	-0.82360	-4.2968	-0.12367	-4.4588	29.632E-6
15.50000	21.91017	-4.10000	-0.73987	-4.2968	-0.050223	-2.6335	17.998E-6
16.08333	21.91017	-4.10000	-0.64954	-4.2968	0.049248	-0.59640	5.3949E-6
16.66667	21.91017	-4.10000	-0.57334	-4.2968	0.064416	0.33904	-1.0568E-6
17.25000	21.91017	-4.10000	-0.51661	-4.2968	0.013880	0.25105	-1.5180E-6
17.83333	21.91017	-4.10000	-0.47091	-4.2968	-0.012331	0.12804	-1.1963E-6
18.41667	21.91017	-4.10000	-0.43426	-4.2968	-0.020185	0.10315	-1.1867E-6
19.00000	21.91017	-4.10000	-0.40758	-4.2968	-0.023964	0.039169	-0.5215E-6
19.58333	21.91017	-4.10000	-0.38993	-4.2968	-0.027136	-0.095298	0.0
20.16667	21.91017	-4.10000	-0.37800	-4.2968	-0.026673	-0.21686	0.0
20.75000	21.91017	-4.10000	-0.36800	-4.2968	-0.015567	-0.21464	1.2173E-6
21.33333	21.91017	-4.10000	-0.35842	-4.2968	-0.0024074	-0.14895	1.0274E-6
21.91667	21.91017	-4.10000	-0.34947	-4.2968	0.0030663	-0.13755	1.0639E-6
22.50000	21.91017	-4.10000	-0.34114	-4.2968	0.0041446	-0.30392	4.4697E-6
23.08333	21.91017	-4.10000	-0.33303	-4.2968	0.0031735	-0.29197	2.1855E-6
23.66667	21.91017	-4.10000	-0.32417	-4.2968	0.0013721	-0.41297	3.0234E-6
24.25000	21.91017	-4.10000	-0.31332	-4.2968	-283.47E-6	-0.51684	3.7403E-6
24.83333	21.91017	-4.10000	-0.29974	-4.2968	-0.0013366	-0.58121	4.1840E-6
25.41667	21.91017	-4.10000	-0.28335	-4.2968	-0.0017749	-0.60250	4.3288E-6
26.00000	21.91017	-4.10000	-0.26464	-4.2968	-0.0017569	-0.58853	4.2280E-6
26.58333	21.91017	-4.10000	-0.24439	-4.2968	-0.0014803	-0.55165	3.9667E-6
27.16667	21.91017	-4.10000	-0.22342	-4.2968	-0.0011367	-0.50437	3.6314E-6
27.75000	21.91017	-4.10000	-0.20241	-4.2968	-853.00E-6	-0.45590	2.8622E-6
28.33333	21.91017	-4.10000	-0.18183	-4.2968	-665.07E-6	-0.41062	2.9620E-6
28.91667	21.91017	-4.10000	-0.16196	-4.2968	-548.16E-6	-0.36927	2.6649E-6
29.50000	21.91017	-4.10000	-0.14296	-4.2968	-463.33E-6	-0.33116	2.3904E-6
30.08333	21.91017	-4.10000	-0.12496	-4.2968	-386.62E-6	-0.29576	2.1355E-6
30.66667	21.91017	-4.10000	-0.10807	-4.2968	-313.06E-6	-0.26337	1.9008E-6
31.25000	21.91017	-4.10000	-0.09235	-4.2968	-246.38E-6	-0.23374	1.6890E-6
31.83333	21.91017	-4.10000	-0.077856	-4.2968	-190.27E-6	-0.20771	1.5015E-6
32.41667	21.91017	-4.10000	-0.064574	-4.2968	-145.74E-6	-0.18503	1.3380E-6
33.00000	21.91017	-4.10000	-0.052476	-4.2968	-111.70E-6	-0.16543	1.1968E-6
33.58333	21.91017	-4.10000	-0.041504	-4.2968	-86.208E-6	-0.14856	1.0750E-6
34.16667	21.91017	-4.10000	-0.031592	-4.2968	-67.275E-6	-0.13402	0.0
34.75000	21.91017	-4.10000	-0.022663	-4.2968	-53.202E-6	-0.12145	0.0
35.33333	21.91017	-4.10000	-0.014643	-4.2968	-42.670E-6	-0.11050	0.0
35.91667	21.91017	-4.10000	-0.0074572	-4.2968	-34.702E-6	-0.10093	0.0
36.50000	21.91017	-4.10000	0.0013662	-4.2968	-28.596E-6	-0.092500	0.0
37.08333	21.91017	-4.10000	0.0046661	-4.2968	-23.849E-6	-0.085038	0.0
37.66667	21.91017	-4.10000	0.0097709	-4.2968	-20.105E-6	-0.078394	0.0
38.25000	21.91017	-4.10000	0.014275	-4.2968	-17.110E-6	-0.072451	0.0
38.83333	21.91017	-4.10000	0.018250	-4.2968	-14.684E-6	-0.067112	0.0
39.41667	21.91017	-4.10000	0.021745	-4.2968	-12.694E-6	-0.062296	0.0
40.00000	21.91017	-4.10000	0.024803	-4.2968	-11.043E-6	-0.057936	0.0
5.00000	22.50233	-4.10000	-0.25664	-4.2968	-515.64E-6	-0.47584	3.4381E-6
5.58333	22.50233	-4.10000	-0.29049	-4.2968	-702.56E-6	-0.55274	3.9915E-6
6.16667	22.50233	-4.10000	-0.32746	-4.2968	-982.23E-6	-0.64755	4.6727E-6
6.75000	22.50233	-4.10000	-0.36767	-4.2968	-0.0014165	-0.76596	5.5215E-6
7.33333	22.50233	-4.10000	-0.41119	-4.2968	-0.0021213	-0.91588	6.5929E-6
7.91667	22.50233	-4.10000	-0.45790	-4.2968	-0.0033248	-1.1084	7.9622E-6
8.50000	22.50233	-4.10000	-0.50741	-4.2968	-0.0054853	-1.3580	9.7249E-6
9.08333	22.50233	-4.10000	-0.55880	-4.2968	-0.0094372	-1.6794	11.968E-6
9.66667	22.50233	-4.10000	-0.61016	-4.2968	-0.016025	-2.0684	14.645E-6
10.25000	22.50233	-4.10000	-0.65818	-4.2968	-0.023933	-2.4634	17.336E-6
10.83333	22.50233	-4.10000	-0.69898	-4.2968	-0.028902	-2.7567	19.354E-6
11.41667	22.50233	-4.10000	-0.73049	-4.2968	-0.029515	-2.9133	20.476E-6
12.00000	22.50233	-4.10000	-0.75249	-4.2968	-0.029230	-3.0095	21.180E-6
12.58333	22.50233	-4.10000	-0.76542	-4.2968	-0.031182	-3.1442	21.896E-6
13.16667	22.50233	-4.10000	-0.76739	-4.2968	-0.034216	-3.1876	22.363E-6
13.75000	22.50233	-4.10000	-0.75557	-4.2968	-0.035309	-3.1298	21.920E-6
14.33333	22.50233	-4.10000	-0.72828	-4.2968	-0.032546	-2.8663	20.070E-6
14.91667	22.50233	-4.10000	-0.68619	-4.2968	-0.024608	-2.3696	16.642E-6
15.50000	22.50233	-4.10000	-0.63022	-4.2968	-0.011196	-1.6942	11.965E-6
16.08333	22.50233	-4.10000	-0.57574	-4.2968	0.0027341	-0.98616	7.2080E-6
16.66667	22.50233	-4.10000	-0.52202	-4.2968	0.0083863	-0.50297	3.8283E-6
17.25000	22.50233	-4.10000	-0.47573	-4.2968	0.0060924	-0.26919	2.0838E-6
17.83333	22.50233	-4.10000	-0.43693	-4.2968	0.0028386	-0.16008	1.2222E-6
18.41667	22.50233	-4.10000	-0.40513	-4.2968	965.20E-6	-0.04414	0.0
19.00000	22.50233	-4.10000	-0.38008	-4.2968	-226.54E-6	-0.094042	0.0
19.58333	22.50233	-4.10000	-0.36096	-4.2968	-0.0011640	-0.12297	0.0
20.16667	22.50233	-4.10000	-0.34620	-4.2968	-0.0014610	-0.16547	1.1677E-6
20.75000	22.50233	-4.10000	-0.33402	-4.2968	-671.44E-6	-0.19621	1.4077E-6
21.33333	22.50233	-4.10000	-0.32322	-4.2968	567.53E-6	-0.21577	1.7646E-6
21.91667	22.50233	-4.10000	-0.31320	-4.2968	0.0013095	-0.24060	1.7725E-6
22.50000	22.50233	-4.10000	-0.30358	-4.2968	0.0013940	-0.27934	2.0552E-6
23.08333	22.50233	-4.10000	-0.29392	-4.2968	0.0010135	-0.33035	2



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
10.25000	23.09450	-4.10000	-0.55677	-4.2968	-0.0085169	-1.6425	11.721E-6
10.83333	23.09450	-4.10000	-0.58785	-4.2968	-0.0099570	-1.8015	12.842E-6
11.41667	23.09450	-4.10000	-0.61240	-4.2968	-0.010648	-1.9124	13.631E-6
12.00000	23.09450	-4.10000	-0.62962	-4.2968	-0.011047	-1.9853	14.151E-6
12.58333	23.09450	-4.10000	-0.63888	-4.2968	-0.011587	-2.0291	14.457E-6
13.16667	23.09450	-4.10000	-0.63923	-4.2968	-0.012090	-2.0310	14.460E-6
13.75000	23.09450	-4.10000	-0.62964	-4.2968	-0.011971	-1.9631	13.970E-6
14.33333	23.09450	-4.10000	-0.60976	-4.2968	-0.010720	-1.8028	12.835E-6
14.91667	23.09450	-4.10000	-0.58050	-4.2968	-0.0081175	-1.5483	11.047E-6
15.50000	23.09450	-4.10000	-0.54427	-4.2968	-0.0044757	-1.2282	8.8057E-6
16.08333	23.09450	-4.10000	-0.50474	-4.2968	-0.0021216	-0.90291	6.5251E-6
16.66667	23.09450	-4.10000	-0.46569	-4.2968	0.0012469	-0.63563	4.6347E-6
17.25000	23.09450	-4.10000	-0.42972	-4.2968	0.0018454	-0.45020	3.3035E-6
17.83333	23.09450	-4.10000	-0.39801	-4.2968	0.0016919	-0.33181	2.4420E-6
18.41667	23.09450	-4.10000	-0.37089	-4.2968	0.0013875	-0.26069	1.9199E-6
19.00000	23.09450	-4.10000	-0.34829	-4.2968	0.0010700	-0.22572	1.6595E-6
19.58333	23.09450	-4.10000	-0.32975	-4.2968	766.27E-6	-0.21796	1.5967E-6
20.16667	23.09450	-4.10000	-0.31445	-4.2968	564.38E-6	-0.22627	1.6524E-6
20.75000	23.09450	-4.10000	-0.30142	-4.2968	532.76E-6	-0.24057	1.7555E-6
21.33333	23.09450	-4.10000	-0.28986	-4.2968	600.96E-6	-0.25677	1.8743E-6
21.91667	23.09450	-4.10000	-0.27916	-4.2968	628.71E-6	-0.27571	1.0123E-6
22.50000	23.09450	-4.10000	-0.26888	-4.2968	542.03E-6	-0.29862	2.1764E-6
23.08333	23.09450	-4.10000	-0.25862	-4.2968	348.61E-6	-0.32442	2.3593E-6
23.66667	23.09450	-4.10000	-0.24798	-4.2968	100.35E-6	-0.34969	2.5370E-6
24.25000	23.09450	-4.10000	-0.23661	-4.2968	-139.31E-6	-0.36996	2.6787E-6
24.83333	23.09450	-4.10000	-0.22429	-4.2968	-323.02E-6	-0.38169	2.7596E-6
25.41667	23.09450	-4.10000	-0.21096	-4.2968	-431.86E-6	-0.38334	2.7694E-6
26.00000	23.09450	-4.10000	-0.19673	-4.2968	-471.11E-6	-0.37559	2.7123E-6
26.58333	23.09450	-4.10000	-0.18184	-4.2968	-459.49E-6	-0.36042	2.6027E-6
27.16667	23.09450	-4.10000	-0.16657	-4.2968	-419.12E-6	-0.34034	2.4580E-6
27.75000	23.09450	-4.10000	-0.15121	-4.2968	-368.23E-6	-0.31765	2.2946E-6
28.33333	23.09450	-4.10000	-0.13601	-4.2968	-317.81E-6	-0.29405	2.1246E-6
28.91667	23.09450	-4.10000	-0.12117	-4.2968	-272.14E-6	-0.27061	1.9557E-6
29.50000	23.09450	-4.10000	-0.10685	-4.2968	-231.59E-6	-0.24794	1.7922E-6
30.08333	23.09450	-4.10000	-0.09313	-4.2968	-195.30E-6	-0.22631	1.6367E-6
30.66667	23.09450	-4.10000	-0.080215	-4.2968	-163.03E-6	-0.20616	1.4809E-6
31.25000	23.09450	-4.10000	-0.068041	-4.2968	-134.55E-6	-0.18746	1.3560E-6
31.83333	23.09450	-4.10000	-0.056690	-4.2968	-110.08E-6	-0.17038	1.2327E-6
32.41667	23.09450	-4.10000	-0.046176	-4.2968	-89.602E-6	-0.15493	1.1211E-6
33.00000	23.09450	-4.10000	-0.036894	-4.2968	-72.832E-6	-0.14107	1.0210E-6
33.58333	23.09450	-4.10000	-0.027626	-4.2968	-59.319E-6	-0.12968	0.0
34.16667	23.09450	-4.10000	-0.019541	-4.2968	-48.540E-6	-0.11764	0.0
34.75000	23.09450	-4.10000	-0.012200	-4.2968	-39.979E-6	-0.10780	0.0
35.33333	23.09450	-4.10000	-0.0055608	-4.2968	-33.180E-6	-0.099029	0.0
35.91667	23.09450	-4.10000	-0.00000	-4.2968	-27.760E-6	-0.09118	0.0
36.50000	23.09450	-4.10000	0.0057939	-4.2968	-23.416E-6	-0.084154	0.0
37.08333	23.09450	-4.10000	0.010600	-4.2968	-19.907E-6	-0.077835	0.0
37.66667	23.09450	-4.10000	0.014883	-4.2968	-17.049E-6	-0.072137	0.0
38.25000	23.09450	-4.10000	0.018686	-4.2968	-14.702E-6	-0.066984	0.0
38.83333	23.09450	-4.10000	0.022450	-4.2968	-12.756E-6	-0.062347	0.0
39.41667	23.09450	-4.10000	0.025004	-4.2968	-11.131E-6	-0.058063	0.0
40.00000	23.09450	-4.10000	0.027590	-4.2968	-9.7617E-6	-0.054189	0.0
5.00000	23.68667	-4.10000	-0.20541	-4.2968	-341.54E-6	-0.38027	2.7491E-6
5.58333	23.68667	-4.10000	-0.23119	-4.2968	-441.35E-6	-0.43116	3.1158E-6
6.16667	23.68667	-4.10000	-0.25875	-4.2968	-577.52E-6	-0.43068	3.5444E-6
6.75000	23.68667	-4.10000	-0.28798	-4.2968	-765.60E-6	-0.56036	4.0453E-6
7.33333	23.68667	-4.10000	-0.31866	-4.2968	-0.0010268	-0.64163	4.6287E-6
7.91667	23.68667	-4.10000	-0.35044	-4.2968	-0.0013889	-0.73557	5.3018E-6
8.50000	23.68667	-4.10000	-0.38276	-4.2968	-0.0018803	-0.84210	6.0633E-6
9.08333	23.68667	-4.10000	-0.41481	-4.2968	-0.0025123	-0.95862	6.8943E-6
9.66667	23.68667	-4.10000	-0.44550	-4.2968	-0.0032447	-1.0787	7.7484E-6
10.25000	23.68667	-4.10000	-0.47356	-4.2968	-0.0039647	-1.1919	8.5534E-6
10.83333	23.68667	-4.10000	-0.49772	-4.2968	-0.0045395	-1.2875	9.2341E-6
11.41667	23.68667	-4.10000	-0.51689	-4.2968	-0.0049223	-1.3593	9.7459E-6
12.00000	23.68667	-4.10000	-0.53030	-4.2968	-0.0051745	-0.07828	1.0701E-6
12.58333	23.68667	-4.10000	-0.53730	-4.2968	-0.0053536	-1.4262	10.222E-6
13.16667	23.68667	-4.10000	-0.53735	-4.2968	-0.0054070	-1.4145	10.136E-6
13.75000	23.68667	-4.10000	-0.53008	-4.2968	-0.0051952	-1.3620	9.7597E-6
14.33333	23.68667	-4.10000	-0.51557	-4.2968	-0.0045919	-1.2629	9.0544E-6
14.91667	23.68667	-4.10000	-0.49464	-4.2968	-0.0035737	-1.2064	8.0417E-6
15.50000	23.68667	-4.10000	-0.46885	-4.2968	-0.0022812	-0.94833	6.8247E-6
16.08333	23.68667	-4.10000	-0.44031	-4.2968	-0.0010137	-0.77148	5.5703E-6
16.66667	23.68667	-4.10000	-0.41121	-4.2968	-70.955E-6	-0.61336	4.4446E-6
17.25000	23.68667	-4.10000	-0.38329	-4.2968	452.85E-6	-0.48738	3.5428E-6
17.83333	23.68667	-4.10000	-0.35674	-4.2968	666.07E-6	-0.39487	2.8776E-6
18.41667	23.68667	-4.10000	-0.33481	-4.2968	709.11E-6	-0.33190	2.4213E-6
19.00000	23.68667	-4.10000	-0.31493	-4.2968	663.96E-6	-0.29306	2.1388E-6
19.58333	23.68667	-4.10000	-0.29782	-4.2968	576.16E-6	-0.27312	1.9923E-6
20.16667	23.68667	-4.10000	-0.28306	-4.2968	484.23E-6	-0.26637	1.9414E-6
20.75000	23.68667	-4.10000	-0.26800	-4.2968	413.19E-6	-0.25764	1.9491E-6
21.33333	23.68667	-4.10000	-0.25842	-4.2968	359.46E-6	-0.27356	1.9908E-6
21.91667	23.68667	-4.10000	-0.24757	-4.2968	300.29E-6	-0.28247	2.0541E-6
22.50000	23.68667	-4.10000	-0.23715	-4.2968	217.71E-6	-0.29344	2.1318E-6
23.08333	23.68667	-4.10000	-0.22684	-4.2968	110.45E-6	-0.30523	2.2149E-6
23.66667	23.68667	-4.10000	-0.21636	-4.2968	-8.3869E-6	-0.31683	2.2906E-6
24.25000	23.68667	-4.10000	-0.20546	-4.2968	-119.78E-6	-0.32380	2.3446E-6
24.83333	23.68667	-4.10000	-0.19400	-4.2968	-207.62E-6	-0.32692	2.3653E-6
25.41667	23.68667	-4.10000	-0.18193	-4.2968	-263.92E-6	-0.32461	2.3473E-6
26.00000	23.68667	-4.10000	-0.16932	-4.2968	-289.18E-6	-0.31703	2.2918E-6
26.58333	23.68667	-4.10000	-0.15629	-4.2968	-289.60E-6	-0.30589	2.2050E-6
27.16667	23.68667	-4.10000	-0.14302	-4.2968	-273.64E-6	-0.28988	2.0953E-6
27.75000	23.68667	-4.10000	-0.12970	-4.2968	-249.08E-6	-0.27274	1.9716E-6
28.33333	23.68667	-4.10000	-0.11652	-4.2968	-221.51E-6	-0.25466	1.8411E-6
28.91667	23.68667	-4.10000	-0.10362	-4.2968	-194.07E-6	-0.23639	1.7094E-6
29.50000	23.68667	-4.10000	-0.09145	-4.2968	-168.14E-6	-0.21846	1.5799E-6
30.08333	23.68667	-4.10000	-0.079181	-4.2968	-144.21E-6	-0.20119	1.4552E-6
30.66667	23.68667	-4.10000	-0.067810	-4.2968	-122.50E-6	-0.18482	1.3371E-6
31.25000	23.68667	-4.10000	-0.057087	-4.2968	-103.15E-6	-0.16951	1.2265E-6
31.83333	23.68667	-4.10000	-0.047048	-4.2968	-86.260E-6	-0.15534	1.1242E-6
32.41667	23.68667	-4.10000	-0.037710	-4.2968	-71.812E-6	-0.14236	1.0303E-6
33.00000	23.68667	-4.10000	-0.029076	-4.2968	-59.679E-6	-0.13054	0.0
33.58333	23.68667	-4.10000	-0.021137	-4.2968	-49.632E-6	-0.11984	0.0
34.16667	23.68667	-4.10000	-0.013872	-4.2968	-41.394E-6	-0.11018	0.0
34.75000	23.68667	-4.10000	-0.0072533	-4.2968	-34.675E-6	-0.10146	0.0
35.33333	23.68667	-4.10000	-0.0012498	-4.2968	-29.205E-6	-0.09365	0.0
35.91667	23.68667	-4.10000	0.0041739	-4.2968	-24.747E-6	-0.086526	0.0
36.50000	23.68667	-4.10000	0.0090542	-4.2968	-21.101E-6	-0.080124	0.0
37.08333	23.68667	-4.10000	0.013428	-4.2968	-18.104E-6	-0.074328	0.0
37.66667	23.68667	-4.10000	0.017332	-4.2968	-15.627E-6	-0.069070	0.0
38.25000	23.68667	-4.10000	0.020800	-4.2968	-13.568E-6	-0.064290	0.0
38.83333	23.68667	-4.10000	0.023867	-4.2968	-11.836E-6	-0.059934	0.0
39.41667	23.68667	-4.10000	0.026565	-4.2968	-10.379E-6	-0.055958	0.0
40.00000	23.68667	-4.10000	0.028925	-4.2968	-9.1411E-6	-0.052319	0.0
5.00000	24.27883	-4.10000	-0.18181	-4.2968	-276.41E-6	-0.33983	2.4549E-6
5.58333	24.27883	-4.10000	-0.20419	-4.2968	-348.56E-6	-0.38072	2.7522E-6
6.16667	24.27883	-4.10					



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
21.33333	24.27883	-4.10000	-0.22900	-4.2968	178.11E-6	-0.27429	1.9921E-6
21.91667	24.27883	-4.10000	-0.21840	-4.2968	130.14E-6	-0.27582	2.0022E-6
22.50000	24.27883	-4.10000	-0.20822	-4.2968	75.538E-6	-0.27900	2.0241E-6
23.08333	24.27883	-4.10000	-0.19822	-4.2968	15.077E-6	-0.28268	2.0495E-6
23.66667	24.27883	-4.10000	-0.18817	-4.2968	-46.581E-6	-0.28572	2.0701E-6
24.25000	24.27883	-4.10000	-0.17792	-4.2968	-102.78E-6	-0.28699	2.0781E-6
24.83333	24.27883	-4.10000	-0.16735	-4.2968	-147.54E-6	-0.28564	2.0673E-6
25.41667	24.27883	-4.10000	-0.15644	-4.2968	-177.52E-6	-0.28121	2.0346E-6
26.00000	24.27883	-4.10000	-0.14520	-4.2968	-192.51E-6	-0.27372	1.9800E-6
26.58333	24.27883	-4.10000	-0.13372	-4.2968	-194.71E-6	-0.26357	1.9063E-6
27.16667	24.27883	-4.10000	-0.12210	-4.2968	-187.58E-6	-0.25136	1.8180E-6
27.75000	24.27883	-4.10000	-0.11049	-4.2968	-174.61E-6	-0.23777	1.7198E-6
28.33333	24.27883	-4.10000	-0.098996	-4.2968	-158.68E-6	-0.22342	1.6161E-6
28.91667	24.27883	-4.10000	-0.087747	-4.2968	-141.73E-6	-0.20881	1.5105E-6
29.50000	24.27883	-4.10000	-0.076842	-4.2968	-124.94E-6	-0.19433	1.4059E-6
30.08333	24.27883	-4.10000	-0.066363	-4.2968	-108.95E-6	-0.18024	1.3043E-6
30.66667	24.27883	-4.10000	-0.056375	-4.2968	-94.125E-6	-0.16679	1.2070E-6
31.25000	24.27883	-4.10000	-0.046927	-4.2968	-80.686E-6	-0.15407	1.1150E-6
31.83333	24.27883	-4.10000	-0.038052	-4.2968	-68.745E-6	-0.14217	1.0291E-6
32.41667	24.27883	-4.10000	-0.029769	-4.2968	-58.328E-6	-0.13114	0.0
33.00000	24.27883	-4.10000	-0.022084	-4.2968	-49.386E-6	-0.12089	0.0
33.58333	24.27883	-4.10000	-0.014993	-4.2968	-41.808E-6	-0.11170	0.0
34.16667	24.27883	-4.10000	-0.0084840	-4.2968	-35.445E-6	-0.10321	0.0
34.75000	24.27883	-4.10000	-0.0025372	-4.2968	-30.136E-6	-0.095481	0.0
35.33333	24.27883	-4.10000	0.0028711	-4.2968	-25.720E-6	-0.088448	0.0
35.91667	24.27883	-4.10000	0.007681	-4.2968	-22.047E-6	-0.082048	0.0
36.50000	24.27883	-4.10000	0.012183	-4.2968	-18.989E-6	-0.076224	0.0
37.08333	24.27883	-4.10000	0.016146	-4.2968	-16.435E-6	-0.070915	0.0
37.66667	24.27883	-4.10000	0.019686	-4.2968	-14.293E-6	-0.066071	0.0
38.25000	24.27883	-4.10000	0.022834	-4.2968	-12.487E-6	-0.061644	0.0
38.83333	24.27883	-4.10000	0.025789	-4.2968	-10.958E-6	-0.057591	0.0
39.41667	24.27883	-4.10000	0.028068	-4.2968	-9.6560E-6	-0.053876	0.0
40.00000	24.27883	-4.10000	0.030208	-4.2968	-8.5414E-6	-0.050464	0.0
5.00000	24.87100	-4.10000	-0.15972	-4.2968	-223.65E-6	-0.30321	2.1931E-6
5.58333	24.87100	-4.10000	-0.17911	-4.2968	-275.80E-6	-0.33666	2.4344E-6
6.16667	24.87100	-4.10000	-0.19945	-4.2968	-341.52E-6	-0.37410	2.7043E-6
6.75000	24.87100	-4.10000	-0.22059	-4.2968	-423.97E-6	-0.41571	3.0042E-6
7.33333	24.87100	-4.10000	-0.24229	-4.2968	-526.31E-6	-0.46146	3.3336E-6
7.91667	24.87100	-4.10000	-0.26422	-4.2968	-650.77E-6	-0.51094	3.6896E-6
8.50000	24.87100	-4.10000	-0.28737	-4.2968	-797.13E-6	-0.56320	4.0652E-6
9.08333	24.87100	-4.10000	-0.30702	-4.2968	-960.68E-6	-0.61556	4.4484E-6
9.66667	24.87100	-4.10000	-0.32677	-4.2968	-0.0011310	-0.66859	4.8219E-6
10.25000	24.87100	-4.10000	-0.34457	-4.2968	-0.0012930	-0.71637	5.1647E-6
10.83333	24.87100	-4.10000	-0.35980	-4.2968	-0.0014317	-0.75694	5.4558E-6
11.41667	24.87100	-4.10000	-0.37189	-4.2968	-0.0015369	-0.78787	5.6769E-6
12.00000	24.87100	-4.10000	-0.38035	-4.2968	-0.0016031	-0.80681	5.8133E-6
12.58333	24.87100	-4.10000	-0.38485	-4.2968	-0.0016253	-0.81242	5.8538E-6
13.16667	24.87100	-4.10000	-0.38516	-4.2968	-0.0015944	-0.80315	5.7872E-6
13.75000	24.87100	-4.10000	-0.38128	-4.2968	-0.0014992	-0.77808	5.6075E-6
14.33333	24.87100	-4.10000	-0.37342	-4.2968	-0.0011336	-0.73172	5.3172E-6
14.91667	24.87100	-4.10000	-0.36204	-4.2968	-0.0011058	-0.68370	4.9320E-6
15.50000	24.87100	-4.10000	-0.34787	-4.2968	-839.32E-6	-0.62084	4.4821E-6
16.08333	24.87100	-4.10000	-0.33177	-4.2968	-569.73E-6	-0.55451	4.0072E-6
16.66667	24.87100	-4.10000	-0.31466	-4.2968	-331.34E-6	-0.49029	3.5468E-6
17.25000	24.87100	-4.10000	-0.29105	-4.2968	-145.187E-6	-0.43284	3.1323E-6
17.83333	24.87100	-4.10000	-0.28050	-4.2968	-15.481E-6	-0.38380	2.7817E-6
18.41667	24.87100	-4.10000	-0.26455	-4.2968	64.272E-6	-0.34489	2.5014E-6
19.00000	24.87100	-4.10000	-0.24974	-4.2968	104.85E-6	-0.31544	2.2889E-6
19.58333	24.87100	-4.10000	-0.23615	-4.2968	117.15E-6	-0.29434	2.1362E-6
20.16667	24.87100	-4.10000	-0.22711	-4.2968	110.81E-6	-0.28007	2.0325E-6
20.75000	24.87100	-4.10000	-0.21227	-4.2968	93.248E-6	-0.27096	1.9662E-6
21.33333	24.87100	-4.10000	-0.20162	-4.2968	69.015E-6	-0.26556	1.9265E-6
21.91667	24.87100	-4.10000	-0.19155	-4.2968	40.292E-6	-0.26262	1.9046E-6
22.50000	24.87100	-4.10000	-0.18187	-4.2968	8.2735E-6	-0.26111	1.8930E-6
23.08333	24.87100	-4.10000	-0.17238	-4.2968	-25.497E-6	-0.26004	1.8852E-6
23.66667	24.87100	-4.10000	-0.16294	-4.2968	-58.637E-6	-0.25890	1.8755E-6
24.25000	24.87100	-4.10000	-0.15342	-4.2968	-88.304E-6	-0.25670	1.8588E-6
24.83333	24.87100	-4.10000	-0.14374	-4.2968	-111.98E-6	-0.25300	1.8315E-6
25.41667	24.87100	-4.10000	-0.13388	-4.2968	-128.18E-6	-0.24753	1.7915E-6
26.00000	24.87100	-4.10000	-0.12105	-4.2968	-136.65E-6	-0.24024	1.7385E-6
26.58333	24.87100	-4.10000	-0.11368	-4.2968	-138.24E-6	-0.23132	1.6738E-6
27.16667	24.87100	-4.10000	-0.10347	-4.2968	-134.43E-6	-0.22108	1.5996E-6
27.75000	24.87100	-4.10000	-0.093284	-4.2968	-126.88E-6	-0.20990	1.5187E-6
28.33333	24.87100	-4.10000	-0.083229	-4.2968	-117.08E-6	-0.19816	1.4339E-6
28.91667	24.87100	-4.10000	-0.073107	-4.2968	-106.19E-6	-0.18638	1.3474E-6
29.50000	24.87100	-4.10000	-0.063836	-4.2968	-95.027E-6	-0.17427	1.2612E-6
30.08333	24.87100	-4.10000	-0.054645	-4.2968	-84.111E-6	-0.16261	1.1769E-6
30.66667	24.87100	-4.10000	-0.045865	-4.2968	-73.780E-6	-0.15137	1.0957E-6
31.25000	24.87100	-4.10000	-0.037540	-4.2968	-64.243E-6	-0.14066	1.0182E-6
31.83333	24.87100	-4.10000	-0.029109	-4.2968	-55.620E-6	-0.13056	0.9453E-6
32.41667	24.87100	-4.10000	-0.022360	-4.2968	-47.960E-6	-0.12111	0.0
33.00000	24.87100	-4.10000	-0.015532	-4.2968	-41.255E-6	-0.11233	0.0
33.58333	24.87100	-4.10000	-0.0092139	-4.2968	-35.459E-6	-0.10421	0.0
34.16667	24.87100	-4.10000	-0.0033984	-4.2968	-30.492E-6	-0.096730	0.0
34.75000	24.87100	-4.10000	0.0019278	-4.2968	-26.265E-6	-0.089564	0.0
35.33333	24.87100	-4.10000	0.0067825	-4.2968	-22.681E-6	-0.083551	0.0
35.91667	24.87100	-4.10000	0.011187	-4.2968	-19.648E-6	-0.077770	0.0
36.50000	24.87100	-4.10000	0.015164	-4.2968	-17.081E-6	-0.072471	0.0
37.08333	24.87100	-4.10000	0.018738	-4.2968	-14.904E-6	-0.067612	0.0
37.66667	24.87100	-4.10000	0.021934	-4.2968	-13.054E-6	-0.063154	0.0
38.25000	24.87100	-4.10000	0.024777	-4.2968	-11.477E-6	-0.059059	0.0
38.83333	24.87100	-4.10000	0.027292	-4.2968	-10.127E-6	-0.055294	0.0
39.41667	24.87100	-4.10000	0.029503	-4.2968	-8.9673E-6	-0.051827	0.0
40.00000	24.87100	-4.10000	0.031433	-4.2968	-7.9665E-6	-0.048633	0.0
5.00000	25.46317	-4.10000	-0.46317	-4.2968	-181.28E-6	-0.27134	1.9615E-6
5.58333	25.46317	-4.10000	-0.15595	-4.2968	-219.10E-6	-0.29835	2.1579E-6
6.16667	25.46317	-4.10000	-0.17341	-4.2968	-265.21E-6	-0.32824	2.3736E-6
6.75000	25.46317	-4.10000	-0.19139	-4.2968	-320.94E-6	-0.36078	2.6083E-6
7.33333	25.46317	-4.10000	-0.20969	-4.2968	-387.31E-6	-0.39578	2.8605E-6
7.91667	25.46317	-4.10000	-0.22801	-4.2968	-464.56E-6	-0.43277	3.1270E-6
8.50000	25.46317	-4.10000	-0.24602	-4.2968	-551.54E-6	-0.47094	3.4017E-6
9.08333	25.46317	-4.10000	-0.26330	-4.2968	-645.04E-6	-0.50908	3.6762E-6
9.66667	25.46317	-4.10000	-0.27940	-4.2968	-739.66E-6	-0.54563	3.9391E-6
10.25000	25.46317	-4.10000	-0.29384	-4.2968	-828.46E-6	-0.57890	4.1776E-6
10.83333	25.46317	-4.10000	-0.30615	-4.2968	-904.40E-6	-0.60676	4.3786E-6
11.41667	25.46317	-4.10000	-0.31592	-4.2968	-961.68E-6	-0.62785	4.5303E-6
12.00000	25.46317	-4.10000	-0.32280	-4.2968	-995.89E-6	-0.64068	4.6225E-6
12.58333	25.46317	-4.10000	-0.32654	-4.2968	-0.0010031	-0.64416	4.6476E-6
13.16667	25.46317	-4.10000	-0.32701	-4.2968	-879.25E-6	-0.63954	4.6001E-6
13.75000	25.46317	-4.10000	-0.32423	-4.2968	-920.95E-6	-0.62056	4.4783E-6
14.33333	25.46317	-4.10000	-0.31837	-4.2968	-827.96E-6	-0.59377	4.2861E-6
14.91667	25.46317	-4.10000	-0.30980	-4.2968	-705.43E-6	-0.55867	4.0344E-6
15.50000	25.46317	-4.10000	-0.29900	-4.2968	-564.52E-6	-0.51776	3.7409E-6
16.08333	25.46317	-4.10000	-0.28658	-4.2968	-420.31E-6	-0.47411	3.4276E-6
16.66667	25.46317	-4.10000	-0.27315	-4.2968	-287.56E-6	-0.43086	3.1146E-6
17.25000							



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
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Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
	32.41667	25.46317	-4.10000	-0.015483	-4.2968	-39.879E-6	-0.11211	0.0
	33.00000	25.46317	-4.10000	-0.0094263	-4.2968	-34.771E-6	-0.10446	0.0
	33.58333	25.46317	-4.10000	-0.0038092	-4.2968	-30.277E-6	-0.097335	0.0
	34.16667	25.46317	-4.10000	0.0013725	-4.2968	-26.359E-6	-0.090715	0.0
	34.75000	25.46317	-4.10000	0.0061280	-4.2968	-22.966E-6	-0.084587	0.0
	35.33333	25.46317	-4.10000	0.010471	-4.2968	-20.041E-6	-0.078923	0.0
	35.91667	25.46317	-4.10000	0.014417	-4.2968	-17.526E-6	-0.073697	0.0
	36.50000	25.46317	-4.10000	0.017984	-4.2968	-15.365E-6	-0.068876	0.0
	37.08333	25.46317	-4.10000	0.021193	-4.2968	-13.509E-6	-0.064430	0.0
	37.66667	25.46317	-4.10000	0.024065	-4.2968	-11.913E-6	-0.060329	0.0
	38.25000	25.46317	-4.10000	0.026625	-4.2968	-10.537E-6	-0.056547	0.0
	38.83333	25.46317	-4.10000	0.028879	-4.2968	-9.3470E-6	-0.053050	0.0
	39.41667	25.46317	-4.10000	0.030863	-4.2968	-8.3158E-6	-0.049821	0.0
	40.00000	25.46317	-4.10000	0.032592	-4.2968	-7.4191E-6	-0.046833	0.0
	5.00000	26.05533	-4.10000	-0.12021	-4.2968	-147.40E-6	-0.24288	1.7574E-6
	5.58333	26.05533	-4.10000	-0.13469	-4.2968	-175.00E-6	-0.25531	1.9179E-6
	6.16667	26.05533	-4.10000	-0.14966	-4.2968	-207.68E-6	-0.26911	2.0912E-6
	6.75000	26.05533	-4.10000	-0.16497	-4.2968	-245.96E-6	-0.31480	2.2766E-6
	7.33333	26.05533	-4.10000	-0.18043	-4.2968	-290.04E-6	-0.34193	2.4723E-6
	7.91667	26.05533	-4.10000	-0.19579	-4.2968	-339.61E-6	-0.37006	2.6751E-6
	8.50000	26.05533	-4.10000	-0.21078	-4.2968	-393.60E-6	-0.39856	2.8803E-6
	9.08333	26.05533	-4.10000	-0.22506	-4.2968	-449.96E-6	-0.42657	3.0823E-6
	9.66667	26.05533	-4.10000	-0.23829	-4.2968	-505.72E-6	-0.45304	3.2730E-6
	10.25000	26.05533	-4.10000	-0.25010	-4.2968	-557.26E-6	-0.47680	3.4441E-6
	10.83333	26.05533	-4.10000	-0.26016	-4.2968	-600.88E-6	-0.49669	3.5873E-6
	11.41667	26.05533	-4.10000	-0.26834	-4.2968	-633.22E-6	-0.51160	3.7047E-6
	12.00000	26.05533	-4.10000	-0.27380	-4.2968	-651.46E-6	-0.52063	3.7598E-6
	12.58333	26.05533	-4.10000	-0.27696	-4.2968	-653.24E-6	-0.52308	3.7775E-6
	13.16667	26.05533	-4.10000	-0.27754	-4.2968	-636.67E-6	-0.51856	3.7451E-6
	13.75000	26.05533	-4.10000	-0.27556	-4.2968	-600.80E-6	-0.50705	3.6624E-6
	14.33333	26.05533	-4.10000	-0.27117	-4.2968	-546.42E-6	-0.48912	3.5329E-6
	14.91667	26.05533	-4.10000	-0.26463	-4.2968	-476.69E-6	-0.46550	3.3639E-6
	15.50000	26.05533	-4.10000	-0.25629	-4.2968	-397.22E-6	-0.43799	3.1663E-6
	16.08333	26.05533	-4.10000	-0.24657	-4.2968	-315.10E-6	-0.40832	2.9530E-6
	16.66667	26.05533	-4.10000	-0.23532	-4.2968	-237.40E-6	-0.37836	2.7373E-6
	17.25000	26.05533	-4.10000	-0.22476	-4.2968	-169.59E-6	-0.34974	2.5313E-6
	17.83333	26.05533	-4.10000	-0.21346	-4.2968	-114.80E-6	-0.32367	2.3438E-6
	18.41667	26.05533	-4.10000	-0.20230	-4.2968	-73.856E-6	-0.30090	2.1796E-6
	19.00000	26.05533	-4.10000	-0.19149	-4.2968	-45.892E-6	-0.28170	2.0410E-6
	19.58333	26.05533	-4.10000	-0.18113	-4.2968	-29.066E-6	-0.26597	1.9274E-6
	20.16667	26.05533	-4.10000	-0.17128	-4.2968	-21.143E-6	-0.25337	1.8342E-6
	20.75000	26.05533	-4.10000	-0.16191	-4.2968	-19.917E-6	-0.24341	1.7640E-6
	21.33333	26.05533	-4.10000	-0.15297	-4.2968	-23.466E-6	-0.23551	1.7067E-6
	21.91667	26.05533	-4.10000	-0.14438	-4.2968	-30.224E-6	-0.22914	1.6603E-6
	22.50000	26.05533	-4.10000	-0.13606	-4.2968	-38.915E-6	-0.22376	1.6211E-6
	23.08333	26.05533	-4.10000	-0.12792	-4.2968	-48.438E-6	-0.21891	1.5858E-6
	23.66667	26.05533	-4.10000	-0.11988	-4.2968	-57.802E-6	-0.21419	1.5514E-6
	24.25000	26.05533	-4.10000	-0.11189	-4.2968	-66.127E-6	-0.20927	1.5155E-6
	24.83333	26.05533	-4.10000	-0.10391	-4.2968	-72.720E-6	-0.20391	1.4766E-6
	25.41667	26.05533	-4.10000	-0.09593	-4.2968	-77.144E-6	-0.19797	1.4334E-6
	26.00000	26.05533	-4.10000	-0.08789	-4.2968	-79.253E-6	-0.19138	1.3856E-6
	26.58333	26.05533	-4.10000	-0.079881	-4.2968	-79.166E-6	-0.18418	1.3333E-6
	27.16667	26.05533	-4.10000	-0.071910	-4.2968	-77.193E-6	-0.17644	1.2773E-6
	27.75000	26.05533	-4.10000	-0.064020	-4.2968	-73.746E-6	-0.16831	1.2184E-6
	28.33333	26.05533	-4.10000	-0.05639	-4.2968	-69.257E-6	-0.15928	1.1577E-6
	28.91667	26.05533	-4.10000	-0.048677	-4.2968	-64.121E-6	-0.15141	1.0962E-6
	29.50000	26.05533	-4.10000	-0.041318	-4.2968	-58.669E-6	-0.14293	1.0348E-6
	30.08333	26.05533	-4.10000	-0.034225	-4.2968	-53.155E-6	-0.13457	0.0
	30.66667	26.05533	-4.10000	-0.027434	-4.2968	-47.770E-6	-0.12644	0.0
	31.25000	26.05533	-4.10000	-0.020974	-4.2968	-42.647E-6	-0.11868	0.0
	31.83333	26.05533	-4.10000	-0.014867	-4.2968	-37.873E-6	-0.11111	0.0
	32.41667	26.05533	-4.10000	-0.0091270	-4.2968	-33.500E-6	-0.10401	0.0
	33.00000	26.05533	-4.10000	-0.0037644	-4.2968	-29.549E-6	-0.097305	0.0
	33.58333	26.05533	-4.10000	0.0012182	-4.2968	-26.020E-6	-0.091016	0.0
	34.16667	26.05533	-4.10000	0.0058228	-4.2968	-22.896E-6	-0.085138	0.0
	34.75000	26.05533	-4.10000	0.010056	-4.2968	-20.150E-6	-0.079659	0.0
	35.33333	26.05533	-4.10000	0.013927	-4.2968	-17.748E-6	-0.074563	0.0
	35.91667	26.05533	-4.10000	0.017448	-4.2968	-15.653E-6	-0.069832	0.0
	36.50000	26.05533	-4.10000	0.020635	-4.2968	-13.831E-6	-0.065444	0.0
	37.08333	26.05533	-4.10000	0.023504	-4.2968	-12.246E-6	-0.061304	0.0
	37.66667	26.05533	-4.10000	0.026071	-4.2968	-10.867E-6	-0.057605	0.0
	38.25000	26.05533	-4.10000	0.028354	-4.2968	-9.6662E-6	-0.054110	0.0
	38.83333	26.05533	-4.10000	0.030372	-4.2968	-8.6188E-6	-0.050869	0.0
	39.41667	26.05533	-4.10000	0.032142	-4.2968	-7.7033E-6	-0.047862	0.0
	40.00000	26.05533	-4.10000	0.033680	-4.2968	-6.9012E-6	-0.045071	0.0
	5.00000	26.64750	-4.10000	-0.10277	-4.2968	-120.35E-6	-0.21802	1.5778E-6
	5.58333	26.64750	-4.10000	-0.11527	-4.2968	-140.64E-6	-0.23625	1.7095E-6
	6.16667	26.64750	-4.10000	-0.12811	-4.2968	-164.08E-6	-0.25568	1.8498E-6
	6.75000	26.64750	-4.10000	-0.14115	-4.2968	-190.80E-6	-0.27615	1.9976E-6
	7.33333	26.64750	-4.10000	-0.15423	-4.2968	-220.73E-6	-0.29744	2.1513E-6
	7.91667	26.64750	-4.10000	-0.16715	-4.2968	-253.47E-6	-0.31917	2.3081E-6
	8.50000	26.64750	-4.10000	-0.17968	-4.2968	-288.20E-6	-0.34087	2.4646E-6
	9.08333	26.64750	-4.10000	-0.19154	-4.2968	-323.61E-6	-0.36191	2.6164E-6
	9.66667	26.64750	-4.10000	-0.20249	-4.2968	-357.97E-6	-0.38156	2.7581E-6
	10.25000	26.64750	-4.10000	-0.21273	-4.2968	-389.21E-6	-0.39905	2.8842E-6
	10.83333	26.64750	-4.10000	-0.22051	-4.2968	-415.34E-6	-0.41360	2.9891E-6
	11.41667	26.64750	-4.10000	-0.22709	-4.2968	-434.29E-6	-0.42449	3.0676E-6
	12.00000	26.64750	-4.10000	-0.23180	-4.2968	-444.40E-6	-0.43111	3.1154E-6
	12.58333	26.64750	-4.10000	-0.23450	-4.2968	-444.33E-6	-0.43305	3.1294E-6
	13.16667	26.64750	-4.10000	-0.23514	-4.2968	-433.20E-6	-0.43004	3.1081E-6
	13.75000	26.64750	-4.10000	-0.23374	-4.2968	-410.81E-6	-0.42224	3.0518E-6
	14.33333	26.64750	-4.10000	-0.23043	-4.2968	-377.92E-6	-0.40992	2.9632E-6
	14.91667	26.64750	-4.10000	-0.22538	-4.2968	-336.44E-6	-0.39380	2.8472E-6
	15.50000	26.64750	-4.10000	-0.21886	-4.2968	-289.37E-6	-0.37482	2.7017E-6
	16.08333	26.64750	-4.10000	-0.21117	-4.2968	-240.31E-6	-0.35413	2.5619E-6
	16.66667	26.64750	-4.10000	-0.20264	-4.2968	-192.97E-6	-0.33288	2.4088E-6
	17.25000	26.64750	-4.10000	-0.19356	-4.2968	-150.30E-6	-0.31212	2.2593E-6
	17.83333	26.64750	-4.10000	-0.18423	-4.2968	-114.31E-6	-0.29270	2.1192E-6
	18.41667	26.64750	-4.10000	-0.17487	-4.2968	-85.881E-6	-0.27515	1.9927E-6
	19.00000	26.64750	-4.10000	-0.16564	-4.2968	-64.974E-6	-0.25979	1.8813E-6
	19.58333	26.64750	-4.10000	-0.15667	-4.2968	-50.894E-6	-0.24663	1.7867E-6
	20.16667	26.64750	-4.10000	-0.14800	-4.2968	-42.588E-6	-0.23556	1.7066E-6
	20.75000	26.64750	-4.10000	-0.13965	-4.2968	-38.879E-6	-0.22630	1.6396E-6
	21.33333	26.64750	-4.10000	-0.13160	-4.2968	-38.624E-6	-0.21853	1.5832E-6
	21.91667	26.64750	-4.10000	-0.12382	-4.2968	-40.796E-6	-0.21189	1.5351E-6
	22.50000	26.64750	-4.10000	-0.11624	-4.2968	-44.505E-6	-0.20604	1.4926E-6
	23.08333	26.64750	-4.10000	-0.10882	-4.2968	-48.975E-6	-0.20066	1.4535E-6
	23.66667	26.64750	-4.10000	-0.10151	-4.2968	-53.534E-6	-0.19546	1.4157E-6
	24.25000	26.64750	-4.10000	-0.094263	-4.2968	-57.619E-6	-0.19022	1.3776E-6
	24.83333	26.64750	-4.10000	-0.087057	-4.2968	-60.798E-6	-0.18477	1.3380E-6
	25.41667	26.64750	-4.10000	-0.079876	-4.2968	-62.790E-6	-0.17899	1.2961E-6
	26.00000							



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
	7.91667	27.23967	-4.10000	-0.14170	-4.2968	-192.65E-6	2.0069E-6
	8.50000	27.23967	-4.10000	-0.15221	-4.2968	-215.67E-6	2.1282E-6
	9.08333	27.23967	-4.10000	-0.16212	-4.2968	-238.68E-6	2.2445E-6
	9.66667	27.23967	-4.10000	-0.17122	-4.2968	-260.64E-6	2.3521E-6
	10.25000	27.23967	-4.10000	-0.17930	-4.2968	-280.33E-6	2.4473E-6
	10.83333	27.23967	-4.10000	-0.18617	-4.2968	-296.51E-6	2.5261E-6
	11.41667	27.23967	-4.10000	-0.19164	-4.2968	-308.03E-6	2.5852E-6
	12.00000	27.23967	-4.10000	-0.19558	-4.2968	-313.89E-6	2.6217E-6
	12.58333	27.23967	-4.10000	-0.19790	-4.2968	-313.32E-6	2.6336E-6
	13.16667	27.23967	-4.10000	-0.19856	-4.2968	-305.91E-6	2.6201E-6
	13.75000	27.23967	-4.10000	-0.19759	-4.2968	-291.69E-6	2.5819E-6
	14.33333	27.23967	-4.10000	-0.19507	-4.2968	-271.22E-6	2.5204E-6
	14.91667	27.23967	-4.10000	-0.19114	-4.2968	-245.66E-6	2.4393E-6
	15.50000	27.23967	-4.10000	-0.18600	-4.2968	-216.68E-6	2.3431E-6
	16.08333	27.23967	-4.10000	-0.17985	-4.2968	-186.26E-6	2.2368E-6
	16.66667	27.23967	-4.10000	-0.17295	-4.2968	-156.40E-6	2.1260E-6
	17.25000	27.23967	-4.10000	-0.16552	-4.2968	-128.83E-6	2.0156E-6
	17.83333	27.23967	-4.10000	-0.15778	-4.2968	-104.79E-6	1.9097E-6
	18.41667	27.23967	-4.10000	-0.14990	-4.2968	-84.977E-6	1.8114E-6
	19.00000	27.23967	-4.10000	-0.14203	-4.2968	-69.576E-6	1.7224E-6
	19.58333	27.23967	-4.10000	-0.13427	-4.2968	-58.367E-6	1.6435E-6
	20.16667	27.23967	-4.10000	-0.12668	-4.2968	-50.866E-6	1.5744E-6
	20.75000	27.23967	-4.10000	-0.11929	-4.2968	-46.450E-6	1.5141E-6
	21.33333	27.23967	-4.10000	-0.11210	-4.2968	-44.455E-6	1.4614E-6
	21.91667	27.23967	-4.10000	-0.10510	-4.2968	-44.237E-6	1.4146E-6
	22.50000	27.23967	-4.10000	-0.09842	-4.2968	-45.207E-6	1.3721E-6
	23.08333	27.23967	-4.10000	-0.091554	-4.2968	-46.841E-6	1.3325E-6
	23.66667	27.23967	-4.10000	-0.084946	-4.2968	-48.687E-6	1.2943E-6
	24.25000	27.23967	-4.10000	-0.078413	-4.2968	-50.371E-6	1.2564E-6
	24.83333	27.23967	-4.10000	-0.071937	-4.2968	-51.603E-6	1.2178E-6
	25.41667	27.23967	-4.10000	-0.065510	-4.2968	-52.200E-6	1.1780E-6
	26.00000	27.23967	-4.10000	-0.059131	-4.2968	-52.061E-6	1.1367E-6
	26.58333	27.23967	-4.10000	-0.052811	-4.2968	-51.180E-6	1.0939E-6
	27.16667	27.23967	-4.10000	-0.046567	-4.2968	-49.620E-6	1.0496E-6
	27.75000	27.23967	-4.10000	-0.040423	-4.2968	-47.488E-6	1.0043E-6
	28.33333	27.23967	-4.10000	-0.034403	-4.2968	-44.918E-6	0.9573E-6
	28.91667	27.23967	-4.10000	-0.028536	-4.2968	-42.046E-6	0.9075E-6
	29.50000	27.23967	-4.10000	-0.022850	-4.2968	-38.998E-6	0.8559E-6
	30.08333	27.23967	-4.10000	-0.017369	-4.2968	-35.884E-6	0.8023E-6
	30.66667	27.23967	-4.10000	-0.012118	-4.2968	-32.797E-6	0.7469E-6
	31.25000	27.23967	-4.10000	-0.0071160	-4.2968	-29.804E-6	0.6898E-6
	31.83333	27.23967	-4.10000	-0.0023778	-4.2968	-26.957E-6	0.6312E-6
	32.41667	27.23967	-4.10000	0.0020848	-4.2968	-24.290E-6	0.5714E-6
	33.00000	27.23967	-4.10000	0.0062643	-4.2968	-21.824E-6	0.5106E-6
	33.58333	27.23967	-4.10000	0.010157	-4.2968	-19.568E-6	0.4489E-6
	34.16667	27.23967	-4.10000	0.013763	-4.2968	-17.521E-6	0.3864E-6
	34.75000	27.23967	-4.10000	0.017084	-4.2968	-15.677E-6	0.3232E-6
	35.33333	27.23967	-4.10000	0.020127	-4.2968	-14.026E-6	0.2595E-6
	35.91667	27.23967	-4.10000	0.022899	-4.2968	-12.552E-6	0.1954E-6
	36.50000	27.23967	-4.10000	0.025477	-4.2968	-11.241E-6	0.1309E-6
	37.08333	27.23967	-4.10000	0.027668	-4.2968	-10.077E-6	0.0661E-6
	37.66667	27.23967	-4.10000	0.029688	-4.2968	-9.0441E-6	0.0017E-6
	38.25000	27.23967	-4.10000	0.031481	-4.2968	-8.1286E-6	-0.049494E-6
	38.83333	27.23967	-4.10000	0.033060	-4.2968	-7.3167E-6	-0.046710E-6
	39.41667	27.23967	-4.10000	0.034439	-4.2968	-6.5963E-6	-0.044109E-6
	40.00000	27.23967	-4.10000	0.035629	-4.2968	-5.9563E-6	-0.041679E-6
	5.00000	27.83183	-4.10000	-0.072262	-4.2968	-81.422E-6	1.2809E-6
	5.58333	27.83183	-4.10000	-0.081548	-4.2968	-92.676E-6	1.3711E-6
	6.16667	27.83183	-4.10000	-0.090989	-4.2968	-105.16E-6	1.4650E-6
	6.75000	27.83183	-4.10000	-0.100408	-4.2968	-118.80E-6	1.5616E-6
	7.33333	27.83183	-4.10000	-0.10990	-4.2968	-133.44E-6	1.6595E-6
	7.91667	27.83183	-4.10000	-0.11910	-4.2968	-148.79E-6	1.7573E-6
	8.50000	27.83183	-4.10000	-0.12794	-4.2968	-164.45E-6	1.8526E-6
	9.08333	27.83183	-4.10000	-0.13625	-4.2968	-179.84E-6	1.9433E-6
	9.66667	27.83183	-4.10000	-0.14408	-4.2968	-194.31E-6	2.0267E-6
	10.25000	27.83183	-4.10000	-0.15059	-4.2968	-207.10E-6	2.1000E-6
	10.83333	27.83183	-4.10000	-0.15632	-4.2968	-217.48E-6	2.1606E-6
	11.41667	27.83183	-4.10000	-0.16089	-4.2968	-224.74E-6	2.2063E-6
	12.00000	27.83183	-4.10000	-0.16421	-4.2968	-228.29E-6	2.2350E-6
	12.58333	27.83183	-4.10000	-0.16622	-4.2968	-227.71E-6	2.2458E-6
	13.16667	27.83183	-4.10000	-0.16687	-4.2968	-222.78E-6	2.2377E-6
	13.75000	27.83183	-4.10000	-0.16620	-4.2968	-213.60E-6	2.2115E-6
	14.33333	27.83183	-4.10000	-0.16427	-4.2968	-200.54E-6	2.1686E-6
	14.91667	27.83183	-4.10000	-0.16119	-4.2968	-184.32E-6	2.1111E-6
	15.50000	27.83183	-4.10000	-0.15709	-4.2968	-165.91E-6	2.0420E-6
	16.08333	27.83183	-4.10000	-0.15214	-4.2968	-146.44E-6	1.9648E-6
	16.66667	27.83183	-4.10000	-0.14652	-4.2968	-127.07E-6	1.8831E-6
	17.25000	27.83183	-4.10000	-0.14039	-4.2968	-108.82E-6	1.8003E-6
	17.83333	27.83183	-4.10000	-0.13394	-4.2968	-92.474E-6	1.7193E-6
	18.41667	27.83183	-4.10000	-0.12729	-4.2968	-78.536E-6	1.6422E-6
	19.00000	27.83183	-4.10000	-0.12058	-4.2968	-67.217E-6	1.5705E-6
	19.58333	27.83183	-4.10000	-0.11388	-4.2968	-58.485E-6	1.5051E-6
	20.16667	27.83183	-4.10000	-0.10725	-4.2968	-52.130E-6	1.4460E-6
	20.75000	27.83183	-4.10000	-0.10074	-4.2968	-47.826E-6	1.3928E-6
	21.33333	27.83183	-4.10000	-0.094385	-4.2968	-45.192E-6	1.3448E-6
	21.91667	27.83183	-4.10000	-0.088114	-4.2968	-43.834E-6	1.3011E-6
	22.50000	27.83183	-4.10000	-0.081984	-4.2968	-43.373E-6	1.2606E-6
	23.08333	27.83183	-4.10000	-0.075959	-4.2968	-43.464E-6	1.2223E-6
	23.66667	27.83183	-4.10000	-0.070022	-4.2968	-43.804E-6	1.1854E-6
	24.25000	27.83183	-4.10000	-0.064160	-4.2968	-44.140E-6	1.1489E-6
	24.83333	27.83183	-4.10000	-0.058362	-4.2968	-44.279E-6	1.1123E-6
	25.41667	27.83183	-4.10000	-0.052624	-4.2968	-44.085E-6	1.0751E-6
	26.00000	27.83183	-4.10000	-0.046948	-4.2968	-43.483E-6	1.0372E-6
	26.58333	27.83183	-4.10000	-0.041341	-4.2968	-42.453E-6	0.9997E-6
	27.16667	27.83183	-4.10000	-0.035817	-4.2968	-41.017E-6	0.9628E-6
	27.75000	27.83183	-4.10000	-0.030394	-4.2968	-39.229E-6	0.9263E-6
	28.33333	27.83183	-4.10000	-0.025091	-4.2968	-37.164E-6	0.8903E-6
	28.91667	27.83183	-4.10000	-0.019929	-4.2968	-34.901E-6	0.8548E-6
	29.50000	27.83183	-4.10000	-0.014931	-4.2968	-32.518E-6	0.8199E-6
	30.08333	27.83183	-4.10000	-0.010116	-4.2968	-30.089E-6	0.7856E-6
	30.66667	27.83183	-4.10000	-0.0055033	-4.2968	-27.671E-6	0.7518E-6
	31.25000	27.83183	-4.10000	-0.0011080	-4.2968	-25.317E-6	0.7185E-6
	31.83333	27.83183	-4.10000	0.0030568	-4.2968	-23.061E-6	0.6857E-6
	32.41667	27.83183	-4.10000	0.006613	-4.2968	-20.932E-6	0.6534E-6
	33.00000	27.83183	-4.10000	0.010389	-4.2968	-18.945E-6	0.6216E-6
	33.58333	27.83183	-4.10000	0.014087	-4.2968	-17.110E-6	0.5903E-6
	34.16667	27.83183	-4.10000	0.017263	-4.2968	-15.430E-6	0.5595E-6
	34.75000	27.83183	-4.10000	0.020190	-4.2968	-13.901E-6	0.5292E-6
	35.33333	27.83183	-4.10000	0.022873	-4.2968	-12.518E-6	0.4994E-6
	35.91667	27.83183	-4.10000	0.025316	-4.2968	-11.272E-6	0.4701E-6
	36.50000	27.83183	-4.10000	0.027527	-4.2968	-10.154E-6	0.4413E-6
	37.08333	27.83183	-4.10000	0.029517	-4.2968	-9.1520E-6	0.4130E-6
	37.66667	27.83183	-4.10000	0.031293	-4.2968	-8.2558E-6	0.3852E-6
	38.25000	27.83183	-4.10000	0.032867	-4.2968	-7.4550E-6	0.3579E-6
	38.83333	27.83183	-4.10000	0.034249	-4.2968	-6.7396E-6	0.3311E-6
	39.41667	27.83183	-4.10000	0.035451	-4.2968	-6.1005E-6	0.3048E-6
	40.00000	27.83183	-4.10000	0.036484	-4.2968	-5.5291E-6	0.2790E-6
	5.00000	28.42400	-4.10000	-0.059049	-4.2968	-67.502E-6	1.1586E-6
	5.58333	28.42400	-4.10000	-0.059045	-4.2968	-75.998E-6	1.2338E-6
	6.16667	28.42400	-4.10000	-0.057140	-4.2968	-85.264E-6	1.3114E-6
	6.75000	28.42400	-4.10000	-0.083243	-4.2968	-95.224E-6	1.3905E-6
	7.33333	28.42400	-4.10000	-0.091249	-4.2968	-105.74E-6	1.4700E-6
	7.91667	28.42400	-4.10000	-0.099042	-4.2968	-116.58	



63 Rosslyn Hill, Camden
Undrained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
19.00000	28.42400	-4.10000	-0.10118	-4.2968	-61.808E-6	-0.19738	1.4295E-6
19.58333	28.42400	-4.10000	-0.095402	-4.2968	-55.064E-6	-0.18988	1.3752E-6
20.16667	28.42400	-4.10000	-0.089638	-4.2968	-49.845E-6	-0.18292	1.3249E-6
20.75000	28.42400	-4.10000	-0.083926	-4.2968	-45.986E-6	-0.17650	1.2784E-6
21.33333	28.42400	-4.10000	-0.078289	-4.2968	-43.269E-6	-0.17057	1.2355E-6
21.91667	28.42400	-4.10000	-0.072738	-4.2968	-41.458E-6	-0.16506	1.1956E-6
22.50000	28.42400	-4.10000	-0.067274	-4.2968	-40.313E-6	-0.15987	1.1580E-6
23.08333	28.42400	-4.10000	-0.061891	-4.2968	-39.610E-6	-0.15491	1.1221E-6
23.66667	28.42400	-4.10000	-0.056584	-4.2968	-39.145E-6	-0.15011	1.0873E-6
24.25000	28.42400	-4.10000	-0.051347	-4.2968	-38.751E-6	-0.14539	1.0530E-6
24.83333	28.42400	-4.10000	-0.046174	-4.2968	-38.292E-6	-0.14068	1.0189E-6
25.41667	28.42400	-4.10000	-0.041065	-4.2968	-37.673E-6	-0.13594	0.0
26.00000	28.42400	-4.10000	-0.036024	-4.2968	-36.834E-6	-0.13115	0.0
26.58333	28.42400	-4.10000	-0.031057	-4.2968	-35.753E-6	-0.12629	0.0
27.16667	28.42400	-4.10000	-0.026175	-4.2968	-34.432E-6	-0.12138	0.0
27.75000	28.42400	-4.10000	-0.021391	-4.2968	-32.899E-6	-0.11642	0.0
28.33333	28.42400	-4.10000	-0.016722	-4.2968	-31.193E-6	-0.11145	0.0
28.91667	28.42400	-4.10000	-0.012184	-4.2968	-29.362E-6	-0.10648	0.0
29.50000	28.42400	-4.10000	-0.0077936	-4.2968	-27.454E-6	-0.10156	0.0
30.08333	28.42400	-4.10000	-0.0035671	-4.2968	-25.516E-6	-0.096704	0.0
30.66667	28.42400	-4.10000	480.77E-6	-4.2968	-23.587E-6	-0.091949	0.0
31.25000	28.42400	-4.10000	0.0043371	-4.2968	-21.702E-6	-0.087318	0.0
31.83333	28.42400	-4.10000	0.0079914	-4.2968	-19.887E-6	-0.082832	0.0
32.41667	28.42400	-4.10000	0.011436	-4.2968	-18.164E-6	-0.078507	0.0
33.00000	28.42400	-4.10000	0.014664	-4.2968	-16.544E-6	-0.074355	0.0
33.58333	28.42400	-4.10000	0.017872	-4.2968	-15.036E-6	-0.070368	0.0
34.16667	28.42400	-4.10000	0.020462	-4.2968	-13.644E-6	-0.066605	0.0
34.75000	28.42400	-4.10000	0.023032	-4.2968	-12.367E-6	-0.063012	0.0
35.33333	28.42400	-4.10000	0.025386	-4.2968	-11.202E-6	-0.059606	0.0
35.91667	28.42400	-4.10000	0.027600	-4.2968	-10.144E-6	-0.056386	0.0
36.50000	28.42400	-4.10000	0.029549	-4.2968	-9.1858E-6	-0.053345	0.0
37.08333	28.42400	-4.10000	0.031210	-4.2968	-8.3208E-6	-0.050477	0.0
37.66667	28.42400	-4.10000	0.032762	-4.2968	-7.5413E-6	-0.047776	0.0
38.25000	28.42400	-4.10000	0.034133	-4.2968	-6.8397E-6	-0.045235	0.0
38.83333	28.42400	-4.10000	0.035333	-4.2968	-6.2087E-6	-0.042844	0.0
39.41667	28.42400	-4.10000	0.036372	-4.2968	-5.6413E-6	-0.040596	0.0
40.00000	28.42400	-4.10000	0.037258	-4.2968	-5.1311E-6	-0.038483	0.0
5.00000	29.01617	-4.10000	-0.047087	-4.2968	-56.264E-6	-0.14511	1.0506E-6
5.58333	29.01617	-4.10000	-0.053968	-4.2968	-62.736E-6	-0.15384	1.1138E-6
6.16667	29.01617	-4.10000	-0.061907	-4.2968	-69.693E-6	-0.16277	1.1783E-6
6.75000	29.01617	-4.10000	-0.067827	-4.2968	-77.061E-6	-0.17179	1.2436E-6
7.33333	29.01617	-4.10000	-0.074639	-4.2968	-84.727E-6	-0.18079	1.3087E-6
7.91667	29.01617	-4.10000	-0.081246	-4.2968	-92.527E-6	-0.18962	1.3725E-6
8.50000	29.01617	-4.10000	-0.087546	-4.2968	-100.25E-6	-0.19812	1.4339E-6
9.08333	29.01617	-4.10000	-0.093432	-4.2968	-107.65E-6	-0.20635	1.4916E-6
9.66667	29.01617	-4.10000	-0.098799	-4.2968	-114.44E-6	-0.21395	1.5441E-6
10.25000	29.01617	-4.10000	-0.10354	-4.2968	-120.32E-6	-0.21971	1.5900E-6
10.83333	29.01617	-4.10000	-0.10758	-4.2968	-124.99E-6	-0.22498	1.6281E-6
11.41667	29.01617	-4.10000	-0.11081	-4.2968	-128.19E-6	-0.22900	1.6572E-6
12.00000	29.01617	-4.10000	-0.11320	-4.2968	-129.70E-6	-0.23167	1.6765E-6
12.58333	29.01617	-4.10000	-0.11470	-4.2968	-129.39E-6	-0.23289	1.6854E-6
13.16667	29.01617	-4.10000	-0.11529	-4.2968	-127.19E-6	-0.23266	1.6837E-6
13.75000	29.01617	-4.10000	-0.11499	-4.2968	-123.19E-6	-0.23100	1.6718E-6
14.33333	29.01617	-4.10000	-0.11384	-4.2968	-117.54E-6	-0.22801	1.6503E-6
14.91667	29.01617	-4.10000	-0.11189	-4.2968	-110.51E-6	-0.22389	1.6202E-6
15.50000	29.01617	-4.10000	-0.10922	-4.2968	-102.52E-6	-0.21871	1.5831E-6
16.08333	29.01617	-4.10000	-0.10594	-4.2968	-93.924E-6	-0.21280	1.5405E-6
16.66667	29.01617	-4.10000	-0.10213	-4.2968	-85.172E-6	-0.20638	1.4942E-6
17.25000	29.01617	-4.10000	-0.097910	-4.2968	-76.656E-6	-0.19966	1.4456E-6
17.83333	29.01617	-4.10000	-0.093173	-4.2968	-68.702E-6	-0.19268	1.3964E-6
18.41667	29.01617	-4.10000	-0.088613	-4.2968	-61.552E-6	-0.18610	1.3477E-6
19.00000	29.01617	-4.10000	-0.083710	-4.2968	-55.350E-6	-0.17957	1.3005E-6
19.58333	29.01617	-4.10000	-0.078728	-4.2968	-50.151E-6	-0.17333	1.2553E-6
20.16667	29.01617	-4.10000	-0.073721	-4.2968	-45.933E-6	-0.16742	1.2126E-6
20.75000	29.01617	-4.10000	-0.068724	-4.2968	-42.618E-6	-0.16185	1.1723E-6
21.33333	29.01617	-4.10000	-0.063764	-4.2968	-40.077E-6	-0.15660	1.1343E-6
21.91667	29.01617	-4.10000	-0.058855	-4.2968	-38.176E-6	-0.15164	1.0984E-6
22.50000	29.01617	-4.10000	-0.054006	-4.2968	-36.763E-6	-0.14690	1.0641E-6
23.08333	29.01617	-4.10000	-0.049220	-4.2968	-35.693E-6	-0.14234	1.0310E-6
23.66667	29.01617	-4.10000	-0.044487	-4.2968	-34.834E-6	-0.13787	1.0000E-6
24.25000	29.01617	-4.10000	-0.039936	-4.2968	-34.070E-6	-0.13353	0.0
24.83333	29.01617	-4.10000	-0.035237	-4.2968	-33.309E-6	-0.12918	0.0
25.41667	29.01617	-4.10000	-0.030702	-4.2968	-32.482E-6	-0.12484	0.0
26.00000	29.01617	-4.10000	-0.026234	-4.2968	-31.545E-6	-0.12047	0.0
26.58333	29.01617	-4.10000	-0.021841	-4.2968	-30.475E-6	-0.11618	0.0
27.16667	29.01617	-4.10000	-0.017532	-4.2968	-29.268E-6	-0.11166	0.0
27.75000	29.01617	-4.10000	-0.013318	-4.2968	-27.936E-6	-0.10722	0.0
28.33333	29.01617	-4.10000	-0.0092113	-4.2968	-26.500E-6	-0.10279	0.0
28.91667	29.01617	-4.10000	-0.0052250	-4.2968	-24.988E-6	-0.098371	0.0
29.50000	29.01617	-4.10000	-0.0013727	-4.2968	-23.428E-6	-0.093987	0.0
30.08333	29.01617	-4.10000	0.0023327	-4.2968	-21.852E-6	-0.089687	0.0
30.66667	29.01617	-4.10000	0.0058794	-4.2968	-20.286E-6	-0.085462	0.0
31.25000	29.01617	-4.10000	0.0092569	-4.2968	-18.754E-6	-0.081341	0.0
31.83333	29.01617	-4.10000	0.012457	-4.2968	-17.274E-6	-0.077342	0.0
32.41667	29.01617	-4.10000	0.015612	-4.2968	-15.861E-6	-0.073476	0.0
33.00000	29.01617	-4.10000	0.018297	-4.2968	-14.526E-6	-0.069755	0.0
33.58333	29.01617	-4.10000	0.020930	-4.2968	-13.275E-6	-0.066186	0.0
34.16667	29.01617	-4.10000	0.023370	-4.2968	-12.112E-6	-0.062773	0.0
34.75000	29.01617	-4.10000	0.025618	-4.2968	-11.038E-6	-0.059520	0.0
35.33333	29.01617	-4.10000	0.027675	-4.2968	-10.059E-6	-0.056425	0.0
35.91667	29.01617	-4.10000	0.029546	-4.2968	-9.1468E-6	-0.053490	0.0
36.50000	29.01617	-4.10000	0.031235	-4.2968	-8.3230E-6	-0.050707	0.0
37.08333	29.01617	-4.10000	0.032750	-4.2968	-7.5738E-6	-0.048075	0.0
37.66667	29.01617	-4.10000	0.034096	-4.2968	-6.8941E-6	-0.045587	0.0
38.25000	29.01617	-4.10000	0.035281	-4.2968	-6.2783E-6	-0.043239	0.0
38.83333	29.01617	-4.10000	0.036313	-4.2968	-5.7210E-6	-0.041023	0.0
39.41667	29.01617	-4.10000	0.037200	-4.2968	-5.2169E-6	-0.038933	0.0
40.00000	29.01617	-4.10000	0.037951	-4.2968	-4.7611E-6	-0.036964	0.0
5.00000	29.60833	-4.10000	-0.036291	-4.2968	-47.149E-6	-0.13192	0.0
5.58333	29.60833	-4.10000	-0.042927	-4.2968	-52.123E-6	-0.13928	1.0085E-6
6.16667	29.60833	-4.10000	-0.048154	-4.2968	-57.402E-6	-0.14676	1.0626E-6
6.75000	29.60833	-4.10000	-0.054063	-4.2968	-62.922E-6	-0.15427	1.1169E-6
7.33333	29.60833	-4.10000	-0.059862	-4.2968	-68.593E-6	-0.16170	1.1706E-6
7.91667	29.60833	-4.10000	-0.065470	-4.2968	-74.295E-6	-0.16895	1.2231E-6
8.50000	29.60833	-4.10000	-0.070802	-4.2968	-79.879E-6	-0.17588	1.2732E-6
9.08333	29.60833	-4.10000	-0.075773	-4.2968	-85.173E-6	-0.18236	1.3200E-6
9.66667	29.60833	-4.10000	-0.080298	-4.2968	-89.985E-6	-0.18824	1.3626E-6
10.25000	29.60833	-4.10000	-0.084296	-4.2968	-94.119E-6	-0.19339	1.3998E-6
10.83333	29.60833	-4.10000	-0.087695	-4.2968	-97.385E-6	-0.19767	1.4308E-6
11.41667	29.60833	-4.10000	-0.090432	-4.2968	-99.614E-6	-0.20098	1.4547E-6
12.00000	29.60833	-4.10000	-0.092463	-4.2968	-100.67E-6	-0.20322	1.4709E-6
12.58333	29.60833	-4.10000	-0.093756	-4.2968	-100.48E-6	-0.20435	1.4791E-6
13.16667	29.60833	-4.10000	-0.094302	-4.2968	-99.012E-6	-0.20435	1.4791E-6
13.75000	29.60833	-4.10000	-0.094189	-4.2968	-96.315E-6	-0.20325	1.4712E-6
14.33333	29.60833	-4.10000	-0.093206	-4.2968	-92.504E-6	-0.20113	1.4559E-6
14.91667	29.60833	-4.10000	-0.091639	-4.2968	-87.760E-6	-0.19808</	



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Undrained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses	
X [m]	Y [m]	Z[Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]
				Sum Princ [kN/m ²]
				Vert Strain [-]
30.08333	29.60833	-4.10000	0.0076342	-4.2968
30.66667	29.60833	-4.10000	0.010736	-4.2968
31.25000	29.60833	-4.10000	0.013688	-4.2968
31.83333	29.60833	-4.10000	0.016482	-4.2968
32.41667	29.60833	-4.10000	0.019114	-4.2968
33.00000	29.60833	-4.10000	0.021580	-4.2968
33.58333	29.60833	-4.10000	0.023876	-4.2968
34.16667	29.60833	-4.10000	0.026001	-4.2968
34.75000	29.60833	-4.10000	0.027957	-4.2968
35.33333	29.60833	-4.10000	0.029745	-4.2968
35.91667	29.60833	-4.10000	0.031369	-4.2968
36.50000	29.60833	-4.10000	0.032832	-4.2968
37.08333	29.60833	-4.10000	0.034139	-4.2968
37.66667	29.60833	-4.10000	0.035297	-4.2968
38.25000	29.60833	-4.10000	0.036311	-4.2968
38.83333	29.60833	-4.10000	0.037189	-4.2968
39.41667	29.60833	-4.10000	0.037937	-4.2968
40.00000	29.60833	-4.10000	0.038562	-4.2968
5.00000	30.20050	-4.10000	-0.026575	-4.2968
5.58333	30.20050	-4.10000	-0.031657	-4.2968
6.16667	30.20050	-4.10000	-0.028750	-4.2968
6.75000	30.20050	-4.10000	-0.041796	-4.2968
7.33333	30.20050	-4.10000	-0.046733	-4.2968
7.91667	30.20050	-4.10000	-0.051496	-4.2968
8.50000	30.20050	-4.10000	-0.056014	-4.2968
9.08333	30.20050	-4.10000	-0.060218	-4.2968
9.66667	30.20050	-4.10000	-0.064040	-4.2968
10.25000	30.20050	-4.10000	-0.067414	-4.2968
10.83333	30.20050	-4.10000	-0.070284	-4.2968
11.41667	30.20050	-4.10000	-0.072602	-4.2968
12.00000	30.20050	-4.10000	-0.074330	-4.2968
12.58333	30.20050	-4.10000	-0.075446	-4.2968
13.16667	30.20050	-4.10000	-0.075941	-4.2968
13.75000	30.20050	-4.10000	-0.075821	-4.2968
14.33333	30.20050	-4.10000	-0.075100	-4.2968
14.91667	30.20050	-4.10000	-0.073840	-4.2968
15.50000	30.20050	-4.10000	-0.072060	-4.2968
16.08333	30.20050	-4.10000	-0.069825	-4.2968
16.66667	30.20050	-4.10000	-0.067195	-4.2968
17.25000	30.20050	-4.10000	-0.064235	-4.2968
17.83333	30.20050	-4.10000	-0.061007	-4.2968
18.41667	30.20050	-4.10000	-0.057571	-4.2968
19.00000	30.20050	-4.10000	-0.053981	-4.2968
19.58333	30.20050	-4.10000	-0.050284	-4.2968
20.16667	30.20050	-4.10000	-0.046525	-4.2968
20.75000	30.20050	-4.10000	-0.042724	-4.2968
21.33333	30.20050	-4.10000	-0.038917	-4.2968
21.91667	30.20050	-4.10000	-0.035120	-4.2968
22.50000	30.20050	-4.10000	-0.031347	-4.2968
23.08333	30.20050	-4.10000	-0.027607	-4.2968
23.66667	30.20050	-4.10000	-0.023909	-4.2968
24.25000	30.20050	-4.10000	-0.020256	-4.2968
24.83333	30.20050	-4.10000	-0.016655	-4.2968
25.41667	30.20050	-4.10000	-0.013110	-4.2968
26.00000	30.20050	-4.10000	-0.009680	-4.2968
26.58333	30.20050	-4.10000	-0.006214	-4.2968
27.16667	30.20050	-4.10000	-0.0028759	-4.2968
27.75000	30.20050	-4.10000	378.57E-6	-4.2968
28.33333	30.20050	-4.10000	0.0035407	-4.2968
28.91667	30.20050	-4.10000	0.0060017	-4.2968
29.50000	30.20050	-4.10000	0.0095526	-4.2968
30.08333	30.20050	-4.10000	0.012385	-4.2968
30.66667	30.20050	-4.10000	0.015091	-4.2968
31.25000	30.20050	-4.10000	0.017664	-4.2968
31.83333	30.20050	-4.10000	0.020098	-4.2968
32.41667	30.20050	-4.10000	0.022388	-4.2968
33.00000	30.20050	-4.10000	0.024531	-4.2968
33.58333	30.20050	-4.10000	0.026525	-4.2968
34.16667	30.20050	-4.10000	0.028368	-4.2968
34.75000	30.20050	-4.10000	0.030162	-4.2968
35.33333	30.20050	-4.10000	0.031607	-4.2968
35.91667	30.20050	-4.10000	0.033007	-4.2968
36.50000	30.20050	-4.10000	0.034264	-4.2968
37.08333	30.20050	-4.10000	0.035383	-4.2968
37.66667	30.20050	-4.10000	0.036369	-4.2968
38.25000	30.20050	-4.10000	0.037227	-4.2968
38.83333	30.20050	-4.10000	0.037963	-4.2968
39.41667	30.20050	-4.10000	0.038583	-4.2968
40.00000	30.20050	-4.10000	0.039094	-4.2968
5.00000	30.79267	-4.10000	-0.028756	-4.2968
5.58333	30.79267	-4.10000	-0.022217	-4.2968
6.16667	30.79267	-4.10000	-0.026575	-4.2968
6.75000	30.79267	-4.10000	-0.030881	-4.2968
7.33333	30.79267	-4.10000	-0.035085	-4.2968
7.91667	30.79267	-4.10000	-0.039131	-4.2968
8.50000	30.79267	-4.10000	-0.042961	-4.2968
9.08333	30.79267	-4.10000	-0.046519	-4.2968
9.66667	30.79267	-4.10000	-0.049750	-4.2968
10.25000	30.79267	-4.10000	-0.052601	-4.2968
10.83333	30.79267	-4.10000	-0.055029	-4.2968
11.41667	30.79267	-4.10000	-0.056991	-4.2968
12.00000	30.79267	-4.10000	-0.058462	-4.2968
12.58333	30.79267	-4.10000	-0.059422	-4.2968
13.16667	30.79267	-4.10000	-0.059865	-4.2968
13.75000	30.79267	-4.10000	-0.059795	-4.2968
14.33333	30.79267	-4.10000	-0.059229	-4.2968
14.91667	30.79267	-4.10000	-0.058194	-4.2968
15.50000	30.79267	-4.10000	-0.056726	-4.2968
16.08333	30.79267	-4.10000	-0.054868	-4.2968
16.66667	30.79267	-4.10000	-0.052668	-4.2968
17.25000	30.79267	-4.10000	-0.050177	-4.2968
17.83333	30.79267	-4.10000	-0.047444	-4.2968
18.41667	30.79267	-4.10000	-0.044517	-4.2968
19.00000	30.79267	-4.10000	-0.041443	-4.2968
19.58333	30.79267	-4.10000	-0.038261	-4.2968
20.16667	30.79267	-4.10000	-0.035004	-4.2968
20.75000	30.79267	-4.10000	-0.031703	-4.2968
21.33333	30.79267	-4.10000	-0.028381	-4.2968
21.91667	30.79267	-4.10000	-0.025057	-4.2968
22.50000	30.79267	-4.10000	-0.021745	-4.2968
23.08333	30.79267	-4.10000	-0.018456	-4.2968
23.66667	30.79267	-4.10000	-0.015200	-4.2968
24.25000	30.79267	-4.10000	-0.011982	-4.2968
24.83333	30.79267	-4.10000	-0.008925	-4.2968
25.41667	30.79267	-4.10000	-0.0058911	-4.2968
26.00000	30.79267	-4.10000	-0.0026287	-4.2968
26.58333	30.79267	-4.10000	369.89E-6	-4.2968
27.16667	30.79267	-4.10000	0.0032980	-4.2968
27.75000	30.79267	-4.10000	0.0062958	-4.2968
28.33333	30.79267	-4.10000	0.0093145	-4.2968
28.91667	30.79267	-4.10000	0.011588	-4.2968
29.50000	30.79267	-4.10000	0.014162	-4.2968
30.08333	30.79267	-4.10000	0.016630	-4.2968
30.66667	30.79267	-4.10000	0.019184	-4.2968
31.25000	30.79267	-4.10000	0.021220	-4.2968
31.83333	30.79267	-4.10000	0.023333	-4.2968
32.41667	30.79267	-4.10000	0.025318	-4.2968
33.00000	30.79267	-4.10000	0.027173	-4.2968
33.58333	30.79267	-4.10000	0.028995	-4.2968
34.16667	30.79267	-4.10000	0.030485	-4.2968
34.75000	30.79267	-4.10000	0.031943	-4.2968
35.33333	30.79267	-4.10000	0.033269	-4.2968
35.91667	30.79267	-4.10000	0.034466	-4.2968
36.50000	30.79267	-4.10000	0.035637	-4.2968
37.08333	30.79267	-4.10000	0.036486	-4.2968
37.66667	30.79267	-4.10000	0.037315	-4.2968
38.25000	30.79267	-4.10000	0.038031	-4.2968
38.83333	30.79267	-4.10000	0.038638	-4.2968
39.41667	30.79267	-4.10000	0.039142	-4.2968
40.00000	30.79267	-4.10000	0.039547	-4.2968
5.00000	31.38483	-4.10000	-0.010055	-4.2968



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Undrained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location		Displacement Z [mm]	Stresses				
	X [m]	Y [m]		Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]	
	5.58333	31.38483	-4.10000	-0.013791	-4.2968	-30.999E-6	-0.10519	0.0
	6.16667	31.38483	-4.10000	-0.017516	-4.2968	-33.445E-6	-0.10974	0.0
	6.75000	31.38483	-4.10000	-0.021189	-4.2968	-35.930E-6	-0.11425	0.0
	7.33333	31.38483	-4.10000	-0.024766	-4.2968	-38.410E-6	-0.11864	0.0
	7.91667	31.38483	-4.10000	-0.028202	-4.2968	-40.837E-6	-0.12287	0.0
	8.50000	31.38483	-4.10000	-0.031449	-4.2968	-43.157E-6	-0.12686	0.0
	9.08333	31.38483	-4.10000	-0.034462	-4.2968	-45.308E-6	-0.13057	0.0
	9.66667	31.38483	-4.10000	-0.037194	-4.2968	-47.230E-6	-0.13393	0.0
	10.25000	31.38483	-4.10000	-0.039605	-4.2968	-48.860E-6	-0.13687	0.0
	10.83333	31.38483	-4.10000	-0.041657	-4.2968	-50.145E-6	-0.13935	1.0091E-6
	11.41667	31.38483	-4.10000	-0.043320	-4.2968	-51.035E-6	-0.14133	1.0234E-6
	12.00000	31.38483	-4.10000	-0.044571	-4.2968	-51.496E-6	-0.14276	1.0337E-6
	12.58333	31.38483	-4.10000	-0.045395	-4.2968	-51.509E-6	-0.14364	1.0401E-6
	13.16667	31.38483	-4.10000	-0.045786	-4.2968	-51.073E-6	-0.14395	1.0424E-6
	13.75000	31.38483	-4.10000	-0.045748	-4.2968	-50.204E-6	-0.14371	1.0407E-6
	14.33333	31.38483	-4.10000	-0.045294	-4.2968	-48.939E-6	-0.14295	1.0352E-6
	14.91667	31.38483	-4.10000	-0.044444	-4.2968	-47.330E-6	-0.14170	1.0261E-6
	15.50000	31.38483	-4.10000	-0.043226	-4.2968	-45.443E-6	-0.14001	1.0139E-6
	16.08333	31.38483	-4.10000	-0.041675	-4.2968	-43.353E-6	-0.13794	0.0
	16.66667	31.38483	-4.10000	-0.039828	-4.2968	-41.136E-6	-0.13556	0.0
	17.25000	31.38483	-4.10000	-0.037725	-4.2968	-38.869E-6	-0.13293	0.0
	17.83333	31.38483	-4.10000	-0.035406	-4.2968	-36.620E-6	-0.13010	0.0
	18.41667	31.38483	-4.10000	-0.032912	-4.2968	-34.447E-6	-0.12714	0.0
	19.00000	31.38483	-4.10000	-0.030278	-4.2968	-32.394E-6	-0.12409	0.0
	19.58333	31.38483	-4.10000	-0.027539	-4.2968	-30.492E-6	-0.12100	0.0
	20.16667	31.38483	-4.10000	-0.024724	-4.2968	-28.757E-6	-0.11789	0.0
	20.75000	31.38483	-4.10000	-0.021860	-4.2968	-27.193E-6	-0.11478	0.0
	21.33333	31.38483	-4.10000	-0.018967	-4.2968	-25.794E-6	-0.11170	0.0
	21.91667	31.38483	-4.10000	-0.016065	-4.2968	-24.544E-6	-0.10864	0.0
	22.50000	31.38483	-4.10000	-0.013456	-4.2968	-23.425E-6	-0.10561	0.0
	23.08333	31.38483	-4.10000	-0.010283	-4.2968	-22.413E-6	-0.10260	0.0
	23.66667	31.38483	-4.10000	-0.0074247	-4.2968	-21.486E-6	-0.099618	0.0
	24.25000	31.38483	-4.10000	-0.0046001	-4.2968	-20.619E-6	-0.096653	0.0
	24.83333	31.38483	-4.10000	-0.0018157	-4.2968	-19.795E-6	-0.093700	0.0
	25.41667	31.38483	-4.10000	9.22.21E-6	-4.2968	-18.995E-6	-0.090757	0.0
	26.00000	31.38483	-4.10000	0.0036074	-4.2968	-18.207E-6	-0.087821	0.0
	26.58333	31.38483	-4.10000	0.0062339	-4.2968	-17.422E-6	-0.084893	0.0
	27.16667	31.38483	-4.10000	0.0087954	-4.2968	-16.634E-6	-0.081975	0.0
	27.75000	31.38483	-4.10000	0.011286	-4.2968	-15.843E-6	-0.079070	0.0
	28.33333	31.38483	-4.10000	0.013698	-4.2968	-15.047E-6	-0.076184	0.0
	28.91667	31.38483	-4.10000	0.016027	-4.2968	-14.250E-6	-0.073324	0.0
	29.50000	31.38483	-4.10000	0.018266	-4.2968	-13.457E-6	-0.070496	0.0
	30.08333	31.38483	-4.10000	0.020409	-4.2968	-12.671E-6	-0.067710	0.0
	30.66667	31.38483	-4.10000	0.022451	-4.2968	-11.898E-6	-0.064972	0.0
	31.25000	31.38483	-4.10000	0.024387	-4.2968	-11.144E-6	-0.062280	0.0
	31.83333	31.38483	-4.10000	0.026213	-4.2968	-10.412E-6	-0.059671	0.0
	32.41667	31.38483	-4.10000	0.027926	-4.2968	-9.7071E-6	-0.057121	0.0
	33.00000	31.38483	-4.10000	0.029523	-4.2968	-9.0322E-6	-0.054646	0.0
	33.58333	31.38483	-4.10000	0.031004	-4.2968	-8.3898E-6	-0.052248	0.0
	34.16667	31.38483	-4.10000	0.032367	-4.2968	-7.7816E-6	-0.049933	0.0
	34.75000	31.38483	-4.10000	0.033612	-4.2968	-7.2084E-6	-0.047702	0.0
	35.33333	31.38483	-4.10000	0.034742	-4.2968	-6.6706E-6	-0.045557	0.0
	35.91667	31.38483	-4.10000	0.035756	-4.2968	-6.1679E-6	-0.043498	0.0
	36.50000	31.38483	-4.10000	0.036659	-4.2968	-5.6995E-6	-0.041525	0.0
	37.08333	31.38483	-4.10000	0.037453	-4.2968	-5.2643E-6	-0.039638	0.0
	37.66667	31.38483	-4.10000	0.038141	-4.2968	-4.8610E-6	-0.037834	0.0
	38.25000	31.38483	-4.10000	0.038728	-4.2968	-4.4880E-6	-0.036113	0.0
	38.83333	31.38483	-4.10000	0.039218	-4.2968	-4.1436E-6	-0.034472	0.0
	39.41667	31.38483	-4.10000	0.039615	-4.2968	-3.8260E-6	-0.032909	0.0
	40.00000	31.38483	-4.10000	0.039924	-4.2968	-3.5335E-6	-0.031421	0.0
	5.00000	31.97700	-4.10000	-0.0030959	-4.2968	-24.475E-6	-0.092376	0.0
	5.58333	31.97700	-4.10000	-0.0062908	-4.2968	-26.363E-6	-0.096309	0.0
	6.16667	31.97700	-4.10000	-0.0094699	-4.2968	-28.291E-6	-0.100222	0.0
	6.75000	31.97700	-4.10000	-0.012599	-4.2968	-30.234E-6	-0.104006	0.0
	7.33333	31.97700	-4.10000	-0.015640	-4.2968	-32.161E-6	-0.107680	0.0
	7.91667	31.97700	-4.10000	-0.018557	-4.2968	-34.034E-6	-0.111399	0.0
	8.50000	31.97700	-4.10000	-0.021308	-4.2968	-35.813E-6	-0.114777	0.0
	9.08333	31.97700	-4.10000	-0.023858	-4.2968	-37.456E-6	-0.11791	0.0
	9.66667	31.97700	-4.10000	-0.026168	-4.2968	-38.919E-6	-0.12074	0.0
	10.25000	31.97700	-4.10000	-0.028206	-4.2968	-40.159E-6	-0.12324	0.0
	10.83333	31.97700	-4.10000	-0.029941	-4.2968	-41.138E-6	-0.12535	0.0
	11.41667	31.97700	-4.10000	-0.031349	-4.2968	-41.825E-6	-0.12705	0.0
	12.00000	31.97700	-4.10000	-0.032411	-4.2968	-42.195E-6	-0.12830	0.0
	12.58333	31.97700	-4.10000	-0.033115	-4.2968	-42.237E-6	-0.12910	0.0
	13.16667	31.97700	-4.10000	-0.033457	-4.2968	-41.951E-6	-0.12948	0.0
	13.75000	31.97700	-4.10000	-0.033438	-4.2968	-41.348E-6	-0.12934	0.0
	14.33333	31.97700	-4.10000	-0.033069	-4.2968	-40.453E-6	-0.12881	0.0
	14.91667	31.97700	-4.10000	-0.032367	-4.2968	-39.303E-6	-0.12787	0.0
	15.50000	31.97700	-4.10000	-0.031352	-4.2968	-37.942E-6	-0.12656	0.0
	16.08333	31.97700	-4.10000	-0.030051	-4.2968	-36.421E-6	-0.12494	0.0
	16.66667	31.97700	-4.10000	-0.028495	-4.2968	-34.792E-6	-0.12303	0.0
	17.25000	31.97700	-4.10000	-0.026716	-4.2968	-33.107E-6	-0.12090	0.0
	17.83333	31.97700	-4.10000	-0.024746	-4.2968	-31.415E-6	-0.11858	0.0
	18.41667	31.97700	-4.10000	-0.022617	-4.2968	-29.758E-6	-0.11613	0.0
	19.00000	31.97700	-4.10000	-0.020360	-4.2968	-28.167E-6	-0.11357	0.0
	19.58333	31.97700	-4.10000	-0.018004	-4.2968	-26.667E-6	-0.11095	0.0
	20.16667	31.97700	-4.10000	-0.015574	-4.2968	-25.272E-6	-0.10828	0.0
	20.75000	31.97700	-4.10000	-0.013092	-4.2968	-23.989E-6	-0.10560	0.0
	21.33333	31.97700	-4.10000	-0.010579	-4.2968	-22.816E-6	-0.10290	0.0
	21.91667	31.97700	-4.10000	-0.0080507	-4.2968	-21.747E-6	-0.10020	0.0
	22.50000	31.97700	-4.10000	-0.0055208	-4.2968	-20.769E-6	-0.097515	0.0.



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Undrained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
16.66667	32.56917	-4.10000	-0.018510	-4.2968	-29.581E-6	-0.11199	0.0
17.25000	32.56917	-4.10000	-0.017001	-4.2968	-28.315E-6	-0.11025	0.0
17.83333	32.56917	-4.10000	-0.015325	-4.2968	-27.029E-6	-0.10834	0.0
18.41667	32.56917	-4.10000	-0.013507	-4.2968	-25.752E-6	-0.10629	0.0
19.00000	32.56917	-4.10000	-0.011573	-4.2968	-24.509E-6	-0.10413	0.0
19.58333	32.56917	-4.10000	-0.0095474	-4.2968	-23.319E-6	-0.10190	0.0
20.16667	32.56917	-4.10000	-0.0074517	-4.2968	-22.194E-6	-0.099608	0.0
20.75000	32.56917	-4.10000	-0.0053057	-4.2968	-21.141E-6	-0.097277	0.0
21.33333	32.56917	-4.10000	-0.0031267	-4.2968	-20.161E-6	-0.094919	0.0
21.91667	32.56917	-4.10000	-929.92E-6	-4.2968	-19.251E-6	-0.092545	0.0
22.50000	32.56917	-4.10000	-0.0012718	-4.2968	-18.403E-6	-0.090161	0.0
23.08333	32.56917	-4.10000	-0.0034675	-4.2968	-17.616E-6	-0.087771	0.0
23.66667	32.56917	-4.10000	0.0056476	-4.2968	-16.875E-6	-0.085379	0.0
24.25000	32.56917	-4.10000	0.0078040	-4.2968	-16.171E-6	-0.082985	0.0
24.83333	32.56917	-4.10000	0.0098295	-4.2968	-15.497E-6	-0.080590	0.0
25.41667	32.56917	-4.10000	0.012018	-4.2968	-14.845E-6	-0.078196	0.0
26.00000	32.56917	-4.10000	0.014062	-4.2968	-14.208E-6	-0.075805	0.0
26.58333	32.56917	-4.10000	0.016058	-4.2968	-13.582E-6	-0.073418	0.0
27.16667	32.56917	-4.10000	0.018000	-4.2968	-12.964E-6	-0.071038	0.0
27.75000	32.56917	-4.10000	0.019882	-4.2968	-12.351E-6	-0.068670	0.0
28.33333	32.56917	-4.10000	0.021700	-4.2968	-11.744E-6	-0.066316	0.0
28.91667	32.56917	-4.10000	0.023449	-4.2968	-11.144E-6	-0.063984	0.0
29.50000	32.56917	-4.10000	0.025124	-4.2968	-10.551E-6	-0.061676	0.0
30.08333	32.56917	-4.10000	0.026722	-4.2968	-9.9676E-6	-0.059399	0.0
30.66667	32.56917	-4.10000	0.028238	-4.2968	-9.3966E-6	-0.057159	0.0
31.25000	32.56917	-4.10000	0.029691	-4.2968	-8.8401E-6	-0.054910	0.0
31.83333	32.56917	-4.10000	0.031014	-4.2968	-8.3002E-6	-0.052807	0.0
32.41667	32.56917	-4.10000	0.032268	-4.2968	-7.7793E-6	-0.050705	0.0
33.00000	32.56917	-4.10000	0.033431	-4.2968	-7.2788E-6	-0.048657	0.0
33.58333	32.56917	-4.10000	0.034502	-4.2968	-6.8004E-6	-0.046667	0.0
34.16667	32.56917	-4.10000	0.035480	-4.2968	-6.3448E-6	-0.044738	0.0
34.75000	32.56917	-4.10000	0.036366	-4.2968	-5.9129E-6	-0.042871	0.0
35.33333	32.56917	-4.10000	0.037160	-4.2968	-5.5049E-6	-0.041068	0.0
35.91667	32.56917	-4.10000	0.037863	-4.2968	-5.1207E-6	-0.039330	0.0
36.50000	32.56917	-4.10000	0.038498	-4.2968	-4.7600E-6	-0.037658	0.0
37.08333	32.56917	-4.10000	0.039007	-4.2968	-4.4224E-6	-0.036050	0.0
37.66667	32.56917	-4.10000	0.039452	-4.2968	-4.1070E-6	-0.034508	0.0
38.25000	32.56917	-4.10000	0.039817	-4.2968	-3.8130E-6	-0.033029	0.0
38.83333	32.56917	-4.10000	0.040104	-4.2968	-3.5395E-6	-0.031613	0.0
39.41667	32.56917	-4.10000	0.040317	-4.2968	-3.2854E-6	-0.030259	0.0
40.00000	32.56917	-4.10000	0.040460	-4.2968	-3.0495E-6	-0.028964	0.0
5.00000	33.16133	-4.10000	0.0085817	-4.2968	-18.142E-6	-0.078377	0.0
5.58333	33.16133	-4.10000	0.0062606	-4.2968	-19.360E-6	-0.081335	0.0
6.16667	33.16133	-4.10000	0.0039585	-4.2968	-20.588E-6	-0.084253	0.0
6.75000	33.16133	-4.10000	0.0027001	-4.2968	-21.810E-6	-0.087159	0.0
7.33333	33.16133	-4.10000	-488.49E-6	-4.2968	-23.008E-6	-0.089863	0.0
7.91667	33.16133	-4.10000	-0.0025808	-4.2968	-24.161E-6	-0.092496	0.0
8.50000	33.16133	-4.10000	-0.0045503	-4.2968	-25.246E-6	-0.094973	0.0
9.08333	33.16133	-4.10000	-0.0063710	-4.2968	-26.242E-6	-0.097264	0.0
9.66667	33.16133	-4.10000	-0.0081833	-4.2968	-27.126E-6	-0.099346	0.0
10.25000	33.16133	-4.10000	-0.0094697	-4.2968	-27.876E-6	-0.10117	0.0
10.83333	33.16133	-4.10000	-0.010705	-4.2968	-28.475E-6	-0.10274	0.0
11.41667	33.16133	-4.10000	-0.011709	-4.2968	-28.905E-6	-0.10402	0.0
12.00000	33.16133	-4.10000	-0.012469	-4.2968	-29.157E-6	-0.10500	0.0
12.58333	33.16133	-4.10000	-0.013076	-4.2968	-29.225E-6	-0.10568	0.0
13.16667	33.16133	-4.10000	-0.013227	-4.2968	-29.110E-6	-0.10602	0.0
13.75000	33.16133	-4.10000	-0.013224	-4.2968	-28.817E-6	-0.10607	0.0
14.33333	33.16133	-4.10000	-0.012972	-4.2968	-28.360E-6	-0.10582	0.0
14.91667	33.16133	-4.10000	-0.012481	-4.2968	-27.754E-6	-0.10529	0.0
15.50000	33.16133	-4.10000	-0.011765	-4.2968	-27.021E-6	-0.10451	0.0
16.08333	33.16133	-4.10000	-0.010841	-4.2968	-26.187E-6	-0.10346	0.0
16.66667	33.16133	-4.10000	-0.0097281	-4.2968	-25.277E-6	-0.10222	0.0
17.25000	33.16133	-4.10000	-0.0084467	-4.2968	-24.315E-6	-0.10079	0.0
17.83333	33.16133	-4.10000	-0.0070187	-4.2968	-23.328E-6	-0.099200	0.0
18.41667	33.16133	-4.10000	-0.0054658	-4.2968	-22.335E-6	-0.097482	0.0
19.00000	33.16133	-4.10000	-0.0038090	-4.2968	-21.357E-6	-0.095656	0.0
19.58333	33.16133	-4.10000	-0.0020688	-4.2968	-20.407E-6	-0.093746	0.0
20.16667	33.16133	-4.10000	-263.70E-6	-4.2968	-19.496E-6	-0.091769	0.0
20.75000	33.16133	-4.10000	0.0015890	-4.2968	-18.630E-6	-0.089743	0.0
21.33333	33.16133	-4.10000	0.0034741	-4.2968	-17.811E-6	-0.087548	0.0
21.91667	33.16133	-4.10000	0.0053779	-4.2968	-17.040E-6	-0.085585	0.0
22.50000	33.16133	-4.10000	0.0072887	-4.2968	-16.313E-6	-0.083472	0.0
23.08333	33.16133	-4.10000	0.0091960	-4.2968	-15.627E-6	-0.081343	0.0
23.66667	33.16133	-4.10000	0.011091	-4.2968	-14.976E-6	-0.079203	0.0
24.25000	33.16133	-4.10000	0.012986	-4.2968	-14.354E-6	-0.077056	0.0
24.83333	33.16133	-4.10000	0.014813	-4.2968	-13.755E-6	-0.074901	0.0
25.41667	33.16133	-4.10000	0.016627	-4.2968	-13.175E-6	-0.072744	0.0
26.00000	33.16133	-4.10000	0.018402	-4.2968	-12.610E-6	-0.070586	0.0
26.58333	33.16133	-4.10000	0.020132	-4.2968	-12.055E-6	-0.068431	0.0
27.16667	33.16133	-4.10000	0.021813	-4.2968	-11.509E-6	-0.066282	0.0
27.75000	33.16133	-4.10000	0.023440	-4.2968	-10.970E-6	-0.064138	0.0
28.33333	33.16133	-4.10000	0.025009	-4.2968	-10.439E-6	-0.062009	0.0
28.91667	33.16133	-4.10000	0.026515	-4.2968	-9.9147E-6	-0.059897	0.0
29.50000	33.16133	-4.10000	0.027954	-4.2968	-9.3989E-6	-0.057807	0.0
30.08333	33.16133	-4.10000	0.029324	-4.2968	-8.8928E-6	-0.055744	0.0
30.66667	33.16133	-4.10000	0.030620	-4.2968	-8.3980E-6	-0.053711	0.0
31.25000	33.16133	-4.10000	0.031841	-4.2968	-7.9160E-6	-0.051714	0.0
31.83333	33.16133	-4.10000	0.032983	-4.2968	-7.4485E-6	-0.049756	0.0
32.41667	33.16133	-4.10000	0.034045	-4.2968	-6.9969E-6	-0.047842	0.0
33.00000	33.16133	-4.10000	0.035026	-4.2968	-6.5626E-6	-0.045974	0.0
33.58333	33.16133	-4.10000	0.035924	-4.2968	-6.1466E-6	-0.044157	0.0
34.16667	33.16133	-4.10000	0.036740	-4.2968	-5.7497E-6	-0.042391	0.0
34.75000	33.16133	-4.10000	0.037474	-4.2968	-5.3724E-6	-0.040680	0.0
35.33333	33.16133	-4.10000	0.038126	-4.2968	-5.0150E-6	-0.039024	0.0
35.91667	33.16133	-4.10000	0.038698	-4.2968	-4.6774E-6	-0.037424	0.0
36.50000	33.16133	-4.10000	0.039191	-4.2968	-4.3595E-6	-0.035882	0.0
37.08333	33.16133	-4.10000	0.039607	-4.2968	-4.0608E-6	-0.034397	0.0
37.66667	33.16133	-4.10000	0.039948	-4.2968	-3.7810E-6	-0.032969	0.0
38.25000	33.16133	-4.10000	0.040218	-4.2968	-3.5192E-6	-0.031597	0.0
38.83333	33.16133	-4.10000	0.040419	-4.2968	-3.2748E-6	-0.030280	0.0
39.41667	33.16133	-4.10000	0.040553	-4.2968	-3.0470E-6	-0.029019	0.0
40.00000	33.16133	-4.10000	0.040625	-4.2968	-2.8349E-6	-0.027810	0.0
5.00000	33.75350	-4.10000	0.013430	-4.2968	-15.721E-6	-0.072422	0.0
5.58333	33.75350	-4.10000	0.0114460	-4.2968	-16.709E-6	-0.075003	0.0
6.16667	33.75350	-4.10000	0.0095086	-4.2968	-17.701E-6	-0.077543	0.0
6.75000	33.75350	-4.10000	0.0075969	-4.2968	-18.682E-6	-0.080019	0.0
7.33333	33.75350	-4.10000	0.0057465	-4.2968	-19.640E-6	-0.082407	0.0
7.91667	33.75350	-4.10000	0.0039795	-4.2968	-20.558E-6	-0.084883	0.0
8.50000	33.75350	-4.10000	0.0023182	-4.2968	-21.420E-6	-0.086682	0.0
9.08333	33.75350	-4.10000	78.89E-6	-4.2968	-22.209E-6	-0.088400	0.0
9.66667	33.75350	-4.10000	-603.11E-6	-4.2968	-22.909E-6	-0.090593	0.0
10.25000	33.75350	-4.10000	-0.0018243	-4.2968	-23.504E-6	-0.092180	0.0
10.83333	33.75350	-4.10000	-0.0028636	-4.2968	-23.981E-6	-0.093542	0.0
11.41667	33.75350	-4.10000	-0.0037075	-4.2968	-24.330E-6	-0.094663	0.0
12.00000	33.75350	-4.10000	-0.0043459	-4.2968	-24.543E-6	-0.095392	0.0
12.58333	33.75350	-4.10000	-0.0047723	-4.2968	-24.613E-6	-0.096143	0.0
13.16667	33.75350	-4.10000	-0.0049836	-4.2968	-24.545E-6	-0.096492	0.0
13.75000	33.75350	-4.10000	-0.0049807	-4.2968	-24.341E-6	-0.096583	0.0
14.33333	33.7535						



63 Rosslyn Hill, Camden
Undrained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
27.75000	33.75350	-4.10000	0.026563	-4.2968	-9.7756E-6	-0.059987	0.0
28.33333	33.75350	-4.10000	0.027910	-4.2968	-9.3097E-6	-0.058058	0.0
28.91667	33.75350	-4.10000	0.029200	-4.2968	-8.8514E-6	-0.056144	0.0
29.50000	33.75350	-4.10000	0.030431	-4.2968	-8.4014E-6	-0.054248	0.0
30.08333	33.75350	-4.10000	0.031598	-4.2968	-7.9605E-6	-0.052375	0.0
30.66667	33.75350	-4.10000	0.032699	-4.2968	-7.5298E-6	-0.050537	0.0
31.25000	33.75350	-4.10000	0.033732	-4.2968	-7.1105E-6	-0.048710	0.0
31.83333	33.75350	-4.10000	0.034695	-4.2968	-6.7037E-6	-0.046927	0.0
32.41667	33.75350	-4.10000	0.035586	-4.2968	-6.3106E-6	-0.045181	0.0
33.00000	33.75350	-4.10000	0.036404	-4.2968	-5.9320E-6	-0.043475	0.0
33.58333	33.75350	-4.10000	0.037149	-4.2968	-5.5689E-6	-0.041812	0.0
34.16667	33.75350	-4.10000	0.037821	-4.2968	-5.2216E-6	-0.040195	0.0
34.75000	33.75350	-4.10000	0.038419	-4.2968	-4.8908E-6	-0.038624	0.0
35.33333	33.75350	-4.10000	0.038945	-4.2968	-4.5766E-6	-0.037101	0.0
35.91667	33.75350	-4.10000	0.039399	-4.2968	-4.2791E-6	-0.035627	0.0
36.50000	33.75350	-4.10000	0.039782	-4.2968	-3.9980E-6	-0.034203	0.0
37.08333	33.75350	-4.10000	0.040098	-4.2968	-3.7333E-6	-0.032830	0.0
37.66667	33.75350	-4.10000	0.040346	-4.2968	-3.4843E-6	-0.031507	0.0
38.25000	33.75350	-4.10000	0.040531	-4.2968	-3.2508E-6	-0.030233	0.0
38.83333	33.75350	-4.10000	0.040654	-4.2968	-3.0321E-6	-0.029009	0.0
39.41667	33.75350	-4.10000	0.040718	-4.2968	-2.8278E-6	-0.027858	0.0
40.00000	33.75350	-4.10000	0.040726	-4.2968	-2.6366E-6	-0.026704	0.0
5.00000	34.34567	-4.10000	0.017697	-4.2968	-13.678E-6	-0.067052	0.0
5.58333	34.34567	-4.10000	0.016031	-4.2968	-14.485E-6	-0.069314	0.0
6.16667	34.34567	-4.10000	0.014383	-4.2968	-15.291E-6	-0.071534	0.0
6.75000	34.34567	-4.10000	0.012770	-4.2968	-16.086E-6	-0.073693	0.0
7.33333	34.34567	-4.10000	0.011210	-4.2968	-16.858E-6	-0.075771	0.0
7.91667	34.34567	-4.10000	0.0097221	-4.2968	-17.596E-6	-0.077749	0.0
8.50000	34.34567	-4.10000	0.0083246	-4.2968	-18.287E-6	-0.079607	0.0
9.08333	34.34567	-4.10000	0.0070353	-4.2968	-18.939E-6	-0.081324	0.0
9.66667	34.34567	-4.10000	0.0058708	-4.2968	-19.479E-6	-0.082881	0.0
10.25000	34.34567	-4.10000	0.0048464	-4.2968	-19.957E-6	-0.084264	0.0
10.83333	34.34567	-4.10000	0.0039754	-4.2968	-20.342E-6	-0.085455	0.0
11.41667	34.34567	-4.10000	0.0032687	-4.2968	-20.627E-6	-0.086442	0.0
12.00000	34.34567	-4.10000	0.0027348	-4.2968	-20.807E-6	-0.087217	0.0
12.58333	34.34567	-4.10000	0.0023791	-4.2968	-20.879E-6	-0.087833	0.0
13.16667	34.34567	-4.10000	0.0022041	-4.2968	-20.842E-6	-0.088109	0.0
13.75000	34.34567	-4.10000	0.0022093	-4.2968	-20.701E-6	-0.088227	0.0
14.33333	34.34567	-4.10000	0.0023912	-4.2968	-20.461E-6	-0.088131	0.0
14.91667	34.34567	-4.10000	0.0027435	-4.2968	-20.131E-6	-0.087830	0.0
15.50000	34.34567	-4.10000	0.0032576	-4.2968	-19.722E-6	-0.087336	0.0
16.08333	34.34567	-4.10000	0.0039226	-4.2968	-19.246E-6	-0.086662	0.0
16.66667	34.34567	-4.10000	0.0047260	-4.2968	-18.716E-6	-0.085824	0.0
17.25000	34.34567	-4.10000	0.0056541	-4.2968	-18.145E-6	-0.084839	0.0
17.83333	34.34567	-4.10000	0.0067224	-4.2968	-17.546E-6	-0.083722	0.0
18.41667	34.34567	-4.10000	0.0078260	-4.2968	-16.932E-6	-0.082491	0.0
19.00000	34.34567	-4.10000	0.0090402	-4.2968	-16.312E-6	-0.081162	0.0
19.58333	34.34567	-4.10000	0.010321	-4.2968	-15.696E-6	-0.079748	0.0
20.16667	34.34567	-4.10000	0.011654	-4.2968	-15.091E-6	-0.078264	0.0
20.75000	34.34567	-4.10000	0.013027	-4.2968	-14.500E-6	-0.076722	0.0
21.33333	34.34567	-4.10000	0.014428	-4.2968	-13.929E-6	-0.075130	0.0
21.91667	34.34567	-4.10000	0.015846	-4.2968	-13.377E-6	-0.073499	0.0
22.50000	34.34567	-4.10000	0.017272	-4.2968	-12.845E-6	-0.071835	0.0
23.08333	34.34567	-4.10000	0.018697	-4.2968	-12.334E-6	-0.070145	0.0
23.66667	34.34567	-4.10000	0.020114	-4.2968	-11.840E-6	-0.068431	0.0
24.25000	34.34567	-4.10000	0.021515	-4.2968	-11.362E-6	-0.066704	0.0
24.83333	34.34567	-4.10000	0.022894	-4.2968	-10.899E-6	-0.064962	0.0
25.41667	34.34567	-4.10000	0.024246	-4.2968	-10.448E-6	-0.063210	0.0
26.00000	34.34567	-4.10000	0.025567	-4.2968	-10.008E-6	-0.061452	0.0
26.58333	34.34567	-4.10000	0.026850	-4.2968	-9.5761E-6	-0.059692	0.0
27.16667	34.34567	-4.10000	0.028093	-4.2968	-9.1526E-6	-0.057931	0.0
27.75000	34.34567	-4.10000	0.029291	-4.2968	-8.7365E-6	-0.056175	0.0
28.33333	34.34567	-4.10000	0.030441	-4.2968	-8.3277E-6	-0.054427	0.0
28.91667	34.34567	-4.10000	0.031540	-4.2968	-7.9262E-6	-0.052690	0.0
29.50000	34.34567	-4.10000	0.032684	-4.2968	-7.5325E-6	-0.050967	0.0
30.08333	34.34567	-4.10000	0.033571	-4.2968	-7.1471E-6	-0.049264	0.0
30.66667	34.34567	-4.10000	0.034499	-4.2968	-6.7710E-6	-0.047583	0.0
31.25000	34.34567	-4.10000	0.035366	-4.2968	-6.4048E-6	-0.045927	0.0
31.83333	34.34567	-4.10000	0.036169	-4.2968	-6.0495E-6	-0.044300	0.0
32.41667	34.34567	-4.10000	0.036909	-4.2968	-5.7059E-6	-0.042698	0.0
33.00000	34.34567	-4.10000	0.037583	-4.2968	-5.3746E-6	-0.041145	0.0
33.58333	34.34567	-4.10000	0.038192	-4.2968	-5.0563E-6	-0.039621	0.0
34.16667	34.34567	-4.10000	0.038735	-4.2968	-4.7515E-6	-0.038137	0.0
34.75000	34.34567	-4.10000	0.039213	-4.2968	-4.4605E-6	-0.036693	0.0
35.33333	34.34567	-4.10000	0.039626	-4.2968	-4.1835E-6	-0.035291	0.0
35.91667	34.34567	-4.10000	0.039975	-4.2968	-3.9204E-6	-0.033932	0.0
36.50000	34.34567	-4.10000	0.040261	-4.2968	-3.6714E-6	-0.032616	0.0
37.08333	34.34567	-4.10000	0.040486	-4.2968	-3.4361E-6	-0.031345	0.0
37.66667	34.34567	-4.10000	0.040652	-4.2968	-3.2142E-6	-0.030118	0.0
38.25000	34.34567	-4.10000	0.040760	-4.2968	-3.0055E-6	-0.028950	0.0
38.83333	34.34567	-4.10000	0.040814	-4.2968	-2.8094E-6	-0.027795	0.0
39.41667	34.34567	-4.10000	0.040815	-4.2968	-2.6256E-6	-0.026699	0.0
40.00000	34.34567	-4.10000	0.040766	-4.2968	-2.4533E-6	-0.025645	0.0
5.00000	34.93783	-4.10000	0.021436	-4.2968	-11.946E-6	-0.062198	0.0
5.58333	34.93783	-4.10000	0.020034	-4.2968	-12.610E-6	-0.064181	0.0
6.16667	34.93783	-4.10000	0.018647	-4.2968	-13.270E-6	-0.066136	0.0
6.75000	34.93783	-4.10000	0.017292	-4.2968	-13.918E-6	-0.068027	0.0
7.33333	34.93783	-4.10000	0.015982	-4.2968	-14.546E-6	-0.069844	0.0
7.91667	34.93783	-4.10000	0.014734	-4.2968	-15.144E-6	-0.071572	0.0
8.50000	34.93783	-4.10000	0.013563	-4.2968	-15.702E-6	-0.073193	0.0
9.08333	34.93783	-4.10000	0.012483	-4.2968	-16.213E-6	-0.074692	0.0
9.66667	34.93783	-4.10000	0.011509	-4.2968	-16.666E-6	-0.076053	0.0
10.25000	34.93783	-4.10000	0.010653	-4.2968	-17.054E-6	-0.077263	0.0
10.83333	34.93783	-4.10000	0.0098255	-4.2968	-17.368E-6	-0.078309	0.0
11.41667	34.93783	-4.10000	0.0090379	-4.2968	-17.604E-6	-0.079192	0.0
12.00000	34.93783	-4.10000	0.0082842	-4.2968	-17.758E-6	-0.079875	0.0
12.58333	34.93783	-4.10000	0.0086003	-4.2968	-17.827E-6	-0.080381	0.0
13.16667	34.93783	-4.10000	0.0084581	-4.2968	-17.812E-6	-0.080701	0.0
13.75000	34.93783	-4.10000	0.0084673	-4.2968	-17.715E-6	-0.080835	0.0
14.33333	34.93783	-4.10000	0.0086253	-4.2968	-17.540E-6	-0.080786	0.0
14.91667	34.93783	-4.10000	0.0089270	-4.2968	-17.294E-6	-0.080561	0.0
15.50000	34.93783	-4.10000	0.0093656	-4.2968	-16.984E-6	-0.080169	0.0
16.08333	34.93783	-4.10000	0.0099321	-4.2968	-16.619E-6	-0.079620	0.0
16.66667	34.93783	-4.10000	0.010616	-4.2968	-16.209E-6	-0.078925	0.0
17.25000	34.93783	-4.10000	0.011408	-4.2968	-15.764E-6	-0.078100	0.0
17.83333	34.93783	-4.10000	0.012293	-4.2968	-15.292E-6	-0.077156	0.0
18.41667	34.93783	-4.10000	0.013261	-4.2968	-14.803E-6	-0.076106	0.0
19.00000	34.93783	-4.10000	0.014300	-4.2968	-14.305E-6	-0.074964	0.0
19.58333	34.93783	-4.10000	0.015396	-4.2968	-13.805E-6	-0.073741	0.0
20.16667	34.93783	-4.10000	0.016538	-4.2968	-13.308E-6	-0.072449	0.0
20.75000	34.93783	-4.10000	0.017716	-4.2968	-12.818E-6	-0.071098	0.0
21.33333	34.93783	-4.10000	0.018919	-4.2968	-12.339E-6	-0.069697	0.0
21.91667	34.93783	-4.10000	0.020138	-4.2968	-11.872E-6	-0.068254	0.0
22.50000	34.93783	-4.10000	0.021364	-4.2968	-11.413E-6	-0.066775	0.0
23.08333	34.93783	-4.10000	0.022589	-4.2968	-10.970E-6	-0.065252	0.0
23.66667	34.93783	-4.10000	0.023806	-4.2968	-10.550E-6	-0.063735	0.0
24.25000	34.93783	-4.10000	0.025010	-4.2968	-10.134E-6	-0.062183	0.0
24.83333	34.93783	-4.10000	0.026194	-4.2968	-9.7291E-6	-0.060616	0.0
25.41667	34.9						



63 Rosslyn Hill, Camden
Undrained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location			Displacement Z	Stresses			
	X [m]	Y [m]	Z [Level] [mOD]		Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]
A-AA	38.83333	34.93783	-4.10000	0.040904	-4.2968	-2.6050E-6	-0.026638	0.0
	39.41667	34.93783	-4.10000	0.040848	-4.2968	-2.4395E-6	-0.025616	0.0
	40.00000	34.93783	-4.10000	0.040748	-4.2968	-2.2840E-6	-0.024631	0.0
	5.00000	35.53000	-4.10000	0.024698	-4.2968	-10.472E-6	-0.057800	0.0
	5.58333	35.53000	-4.10000	0.023524	-4.2968	-11.021E-6	-0.059557	0.0
	6.16667	35.53000	-4.10000	0.022363	-4.2968	-11.565E-6	-0.061273	0.0
	6.75000	35.53000	-4.10000	0.021229	-4.2968	-12.097E-6	-0.062936	0.0
	7.33333	35.53000	-4.10000	0.020135	-4.2968	-12.611E-6	-0.064532	0.0
	7.91667	35.53000	-4.10000	0.019093	-4.2968	-13.100E-6	-0.066048	0.0
	8.50000	35.53000	-4.10000	0.018116	-4.2968	-13.556E-6	-0.067469	0.0
	9.08333	35.53000	-4.10000	0.017216	-4.2968	-13.972E-6	-0.068783	0.0
	9.66667	35.53000	-4.10000	0.016405	-4.2968	-14.342E-6	-0.069978	0.0
	10.25000	35.53000	-4.10000	0.015694	-4.2968	-14.659E-6	-0.071042	0.0
	10.83333	35.53000	-4.10000	0.015091	-4.2968	-14.918E-6	-0.071966	0.0
	11.41667	35.53000	-4.10000	0.014604	-4.2968	-15.115E-6	-0.072741	0.0
	12.00000	35.53000	-4.10000	0.014238	-4.2968	-15.247E-6	-0.073361	0.0
	12.58333	35.53000	-4.10000	0.013998	-4.2968	-15.312E-6	-0.073823	0.0
	13.16667	35.53000	-4.10000	0.013885	-4.2968	-15.311E-6	-0.074125	0.0
	13.75000	35.53000	-4.10000	0.013900	-4.2968	-15.245E-6	-0.074267	0.0
	14.33333	35.53000	-4.10000	0.014039	-4.2968	-15.118E-6	-0.074252	0.0
	14.91667	35.53000	-4.10000	0.014299	-4.2968	-14.933E-6	-0.074085	0.0
	15.50000	35.53000	-4.10000	0.014675	-4.2968	-14.697E-6	-0.073773	0.0
	16.08333	35.53000	-4.10000	0.015159	-4.2968	-14.415E-6	-0.073323	0.0
	16.66667	35.53000	-4.10000	0.015743	-4.2968	-14.095E-6	-0.072745	0.0
	17.25000	35.53000	-4.10000	0.016417	-4.2968	-13.745E-6	-0.072050	0.0
	17.83333	35.53000	-4.10000	0.017173	-4.2968	-13.370E-6	-0.071247	0.0
	18.41667	35.53000	-4.10000	0.017999	-4.2968	-12.978E-6	-0.070347	0.0
	19.00000	35.53000	-4.10000	0.018886	-4.2968	-12.575E-6	-0.069362	0.0
	19.58333	35.53000	-4.10000	0.019822	-4.2968	-12.167E-6	-0.068300	0.0
	20.16667	35.53000	-4.10000	0.020800	-4.2968	-11.757E-6	-0.067132	0.0
	20.75000	35.53000	-4.10000	0.021807	-4.2968	-11.350E-6	-0.065986	0.0
	21.33333	35.53000	-4.10000	0.022837	-4.2968	-10.948E-6	-0.064750	0.0
	21.91667	35.53000	-4.10000	0.023881	-4.2968	-10.552E-6	-0.063471	0.0
	22.50000	35.53000	-4.10000	0.024931	-4.2968	-10.165E-6	-0.062155	0.0
	23.08333	35.53000	-4.10000	0.025999	-4.2968	-9.7862E-6	-0.060808	0.0
	23.66667	35.53000	-4.10000	0.027021	-4.2968	-9.4161E-6	-0.059336	0.0
	24.25000	35.53000	-4.10000	0.028050	-4.2968	-9.0543E-6	-0.058042	0.0
	24.83333	35.53000	-4.10000	0.029061	-4.2968	-8.7003E-6	-0.056630	0.0
	25.41667	35.53000	-4.10000	0.030050	-4.2968	-8.3537E-6	-0.055205	0.0
	26.00000	35.53000	-4.10000	0.031012	-4.2968	-8.0139E-6	-0.053770	0.0
26.58333	35.53000	-4.10000	0.031943	-4.2968	-7.6804E-6	-0.052328	0.0	
27.16667	35.53000	-4.10000	0.032841	-4.2968	-7.3530E-6	-0.050883	0.0	
27.75000	35.53000	-4.10000	0.033701	-4.2968	-7.0314E-6	-0.049438	0.0	
28.33333	35.53000	-4.10000	0.034522	-4.2968	-6.7158E-6	-0.047996	0.0	
28.91667	35.53000	-4.10000	0.035300	-4.2968	-6.4062E-6	-0.046561	0.0	
29.50000	35.53000	-4.10000	0.036033	-4.2968	-6.1029E-6	-0.045134	0.0	
30.08333	35.53000	-4.10000	0.036720	-4.2968	-5.8063E-6	-0.043721	0.0	
30.66667	35.53000	-4.10000	0.037359	-4.2968	-5.5168E-6	-0.042322	0.0	
31.25000	35.53000	-4.10000	0.037947	-4.2968	-5.2350E-6	-0.040942	0.0	
31.83333	35.53000	-4.10000	0.038485	-4.2968	-4.9612E-6	-0.039582	0.0	
32.41667	35.53000	-4.10000	0.038971	-4.2968	-4.6960E-6	-0.038246	0.0	
33.00000	35.53000	-4.10000	0.039404	-4.2968	-4.4399E-6	-0.036935	0.0	
33.58333	35.53000	-4.10000	0.039785	-4.2968	-4.1931E-6	-0.035652	0.0	
34.16667	35.53000	-4.10000	0.040113	-4.2968	-3.9560E-6	-0.034397	0.0	
34.75000	35.53000	-4.10000	0.040389	-4.2968	-3.7287E-6	-0.033173	0.0	
35.33333	35.53000	-4.10000	0.040613	-4.2968	-3.5115E-6	-0.031981	0.0	
35.91667	35.53000	-4.10000	0.040786	-4.2968	-3.3045E-6	-0.030821	0.0	
36.50000	35.53000	-4.10000	0.040908	-4.2968	-3.1074E-6	-0.029696	0.0	
37.08333	35.53000	-4.10000	0.040982	-4.2968	-2.9204E-6	-0.028604	0.0	
37.66667	35.53000	-4.10000	0.041009	-4.2968	-2.7431E-6	-0.027546	0.0	
38.25000	35.53000	-4.10000	0.040990	-4.2968	-2.5755E-6	-0.026523	0.0	
38.83333	35.53000	-4.10000	0.040927	-4.2968	-2.4173E-6	-0.025535	0.0	
39.41667	35.53000	-4.10000	0.040822	-4.2968	-2.2681E-6	-0.024581	0.0	
40.00000	35.53000	-4.10000	0.040677	-4.2968	-2.1276E-6	-0.023660	0.0	
B-BB	25.34000	15.23000	-1.00000	1.7466	-1.1500	0.0	0.0	0.0
	25.84000	15.23045	-1.00000	2.0052	-1.1500	0.0	0.0	0.0
	26.34000	15.23091	-1.00000	1.1301	-1.1500	0.0	0.0	0.0
	26.84000	15.23136	-1.00000	0.10820	-1.1500	0.0	0.0	0.0
	27.34000	15.23182	-1.00000	-0.16795	-1.1500	0.0	0.0	0.0
	27.84000	15.23227	-1.00000	-0.28231	-1.1500	0.0	0.0	0.0
	28.34000	15.23273	-1.00000	-0.32109	-1.1500	0.0	0.0	0.0
	28.84000	15.23318	-1.00000	-0.32238	-1.1500	0.0	0.0	0.0
	29.34000	15.23364	-1.00000	-0.30603	-1.1500	0.0	0.0	0.0
	29.84000	15.23409	-1.00000	-0.28251	-1.1500	0.0	0.0	0.0
	30.34000	15.23455	-1.00000	-0.25669	-1.1500	0.0	0.0	0.0
	30.84000	15.23500	-1.00000	-0.23075	-1.1500	0.0	0.0	0.0
	31.34000	15.23545	-1.00000	-0.20570	-1.1500	0.0	0.0	0.0
	31.84000	15.23591	-1.00000	-0.18203	-1.1500	0.0	0.0	0.0
	32.34000	15.23636	-1.00000	-0.15997	-1.1500	0.0	0.0	0.0
	32.84000	15.23682	-1.00000	-0.13660	-1.1500	0.0	0.0	0.0
	33.34000	15.23727	-1.00000	-0.12090	-1.1500	0.0	0.0	0.0
	33.84000	15.23773	-1.00000	-0.10384	-1.1500	0.0	0.0	0.0
	34.34000	15.23818	-1.00000	-0.088305	-1.1500	0.0	0.0	0.0
	34.84000	15.23864	-1.00000	-0.074212	-1.1500	0.0	0.0	0.0
35.34000	15.23909	-1.00000	-0.061453	-1.1500	0.0	0.0	0.0	
35.84000	15.23955	-1.00000	-0.049925	-1.1500	0.0	0.0	0.0	
36.34000	15.24000	-1.00000	-0.039525	-1.1500	0.0	0.0	0.0	
26.10000	11.00000	-4.10000	-2.4495	-4.2968	-65.785	-158.76	-279.80E-6	
26.10000	10.50000	-4.10000	-2.3210	-4.2968	-68.226	-147.82	-412.16E-6	
26.10000	10.00000	-4.10000	-1.8456	-4.2968	-66.378	-86.378	-176.21E-6	
26.10000	9.50000	-4.10000	-1.3289	-4.2968	-1.8962	-22.376	120.96E-6	
26.10000	9.00000	-4.10000	-1.1055	-4.2968	-0.26312	-9.6808	64.453E-6	
26.10000	8.50000	-4.10000	-0.95122	-4.2968	-0.075099	-5.5584	38.659E-6	
26.10000	8.00000	-4.10000	-0.83185	-4.2968	-0.030064	-3.6561	25.849E-6	
26.10000	7.50000	-4.10000	-0.73415	-4.2968	-0.014560	-2.6051	18.567E-6	
26.10000	7.00000	-4.10000	-0.65159	-4.2968	-0.0079693	-1.9574	14.015E-6	
26.10000	6.50000	-4.10000	-0.58034	-4.2968	-0.0047529	-1.5275	10.969E-6	
26.10000	6.00000	-4.10000	-0.51798	-4.2968	-0.0030215	-1.2265	8.8246E-6	
26.10000	5.50000	-4.10000	-0.46284	-4.2968	-0.0020831	-1.0067	7.2536E-6	
26.10000	5.00000	-4.10000	-0.41312	-4.2968	-0.0014025	-0.84105	6.0662E-6	
26.10000	4.50000	-4.10000	-0.36971	-4.2968	-0.0010066	-0.71285	5.1454E-6	
26.10000	4.00000	-4.10000	-0.33011	-4.2968	-742.06E-6	-0.61146	4.4162E-6	
26.10000	3.50000	-4.10000	-0.29437	-4.2968	-559.61E-6	-0.52982	3.8284E-6	
26.10000	3.00000	-4.10000	-0.26203	-4.2968	-430.28E-6	-0.46307	3.3473E-6	
26.10000	2.50000	-4.10000	-0.23272	-4.2968	-336.42E-6	-0.40776	2.9485E-6	
26.10000	2.00000	-4.10000	-0.20610	-4.2968	-266.91E-6	-0.36142	2.6141E-6	
26.10000	1.50000	-4.10000	-0.18191	-4.2968	-214.50E-6	-0.32220	2.3309E-6	
26.10000	1.00000	-4.10000	-0.15992	-4.2968	-174.35E-6	-0.28871	2.0890E-6	
26.10000	0.50000	-4.10000	-0.13991	-4.2968	-143.16E-6	-0.25990	1.8809E-6	
26.10000	0.00000	-4.10000	-0.12170	-4.2968	-118.62E-6	-0.23494	1.7004E-6	
C-CC	15.54000	11.00000	-4.10000	-3.3435	-4.2968	-46.558	-120.17	-141.37E-6
	15.54000	10.50000	-4.10000	-3.1861	-4.2968	-52.334	-126.98	-217.59E-6
	15.54000	10.00000	-4.10000	-3.0378	-4.2968	-58.205	-140.80E-6	-3.7590E-6
	15.54000	9.50000	-4.10000	-2.1641	-4.2968	-2.2820	-28.246	155.12E-6
	15.54000	9.00000	-4.10000	-1.8364	-4.2968	-0.33335	-13.201	88.442E-6
	15.54000	8.50000	-4.10000	-1.5906	-4.2968	-0.098129	-</	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Undrained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	X [m]	Location Y	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
						Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	20.18000	24.53000	-1.00000	-0.23987	-1.1500	0.0	0.0	0.0
	20.18000	25.03000	-1.00000	-0.21595	-1.1500	0.0	0.0	0.0
	20.18000	25.53000	-1.00000	-0.19333	-1.1500	0.0	0.0	0.0
	20.18000	26.03000	-1.00000	-0.17208	-1.1500	0.0	0.0	0.0
	20.18000	26.53000	-1.00000	-0.15224	-1.1500	0.0	0.0	0.0
	20.18000	27.03000	-1.00000	-0.13381	-1.1500	0.0	0.0	0.0
	20.18000	27.53000	-1.00000	-0.11675	-1.1500	0.0	0.0	0.0
	20.18000	28.03000	-1.00000	-0.10101	-1.1500	0.0	0.0	0.0
	20.18000	28.53000	-1.00000	-0.086526	-1.1500	0.0	0.0	0.0
	20.18000	29.03000	-1.00000	-0.073242	-1.1500	0.0	0.0	0.0
	20.18000	29.53000	-1.00000	-0.061084	-1.1500	0.0	0.0	0.0
	20.18000	30.03000	-1.00000	-0.049982	-1.1500	0.0	0.0	0.0
	20.18000	30.53000	-1.00000	-0.039864	-1.1500	0.0	0.0	0.0
	20.18000	31.03000	-1.00000	-0.030662	-1.1500	0.0	0.0	0.0
	20.18000	31.53000	-1.00000	-0.022309	-1.1500	0.0	0.0	0.0
	20.18000	32.03000	-1.00000	-0.014743	-1.1500	0.0	0.0	0.0
	20.18000	32.53000	-1.00000	-0.0079027	-1.1500	0.0	0.0	0.0
	20.18000	33.03000	-1.00000	-0.0017318	-1.1500	0.0	0.0	0.0
	20.18000	33.53000	-1.00000	0.0038231	-1.1500	0.0	0.0	0.0
	20.18000	34.03000	-1.00000	0.0088116	-1.1500	0.0	0.0	0.0
	20.18000	34.53000	-1.00000	0.013280	-1.1500	0.0	0.0	0.0
	20.18000	35.03000	-1.00000	0.017272	-1.1500	0.0	0.0	0.0
	20.18000	35.53000	-1.00000	0.020827	-1.1500	0.0	0.0	0.0
Chk - LW1	28.26000	19.06000	-1.00000	-0.31486	-1.1500	0.0	0.0	0.0
	28.26000	18.53000	-1.00000	-0.33713	-1.1500	0.0	0.0	0.0
	28.26000	18.01600	-1.00000	-0.70892	-1.1500	0.0	0.0	0.0
	28.26000	17.49400	-1.00000	-1.1343	-1.1500	0.0	0.0	0.0
	28.26000	16.97200	-1.00000	-1.1514	-1.1500	0.0	0.0	0.0
	28.26000	16.45000	-1.00000	-0.85197	-1.1500	0.0	0.0	0.0
Chk - door	25.94000	16.80000	-1.00000	0.19738	-1.1500	0.0	0.0	0.0
	25.94000	16.18800	-1.00000	1.6147	-1.1500	0.0	0.0	0.0
	25.94000	15.57600	-1.00000	1.9163	-1.1500	0.0	0.0	0.0
	25.94000	14.96400	-1.00000	1.9040	-1.1500	0.0	0.0	0.0
	25.94000	14.35200	-1.00000	1.5906	-1.1500	0.0	0.0	0.0
	25.94000	13.74000	-1.00000	0.33689	-1.1500	0.0	0.0	0.0
Chk - LW2	28.26000	13.77000	-1.00000	-0.0011697	-1.1500	0.0	0.0	0.0
	28.26000	13.17800	-1.00000	0.21472	-1.1500	0.0	0.0	0.0
	28.26000	12.58600	-1.00000	0.15701	-1.1500	0.0	0.0	0.0
	28.26000	11.99400	-1.00000	-0.25952	-1.1500	0.0	0.0	0.0
	28.26000	11.40200	-1.00000	-1.3652	-1.1500	0.0	0.0	0.0
	28.26000	10.81000	-1.00000	-1.2142	-1.1500	0.0	0.0	0.0
Chk - boundary	10.00000	10.35000	-4.10000	-1.9736	-4.2968	-33.848	-77.867	-171.64E-6
	11.02438	10.35250	-4.10000	-2.6487	-4.2968	-61.383	-135.60	-351.89E-6
	12.04875	10.35500	-4.10000	-2.8199	-4.2968	-49.617	-120.25	-207.31E-6
	13.07313	10.35750	-4.10000	-3.1809	-4.2968	-66.595	-152.73	-341.07E-6
	14.09750	10.36000	-4.10000	-3.3004	-4.2968	-67.113	-156.46	-325.30E-6
	15.12188	10.36250	-4.10000	-3.2663	-4.2968	-66.436	-150.12	-356.54E-6
	16.14625	10.36500	-4.10000	-2.9513	-4.2968	-36.275	-95.326	-97.842E-6
	17.17063	10.36750	-4.10000	-3.3053	-4.2968	-65.989	-149.17	-353.75E-6
	18.19500	10.37000	-4.10000	-3.4152	-4.2968	-66.913	-157.35	-314.50E-6
	19.21937	10.37250	-4.10000	-3.4338	-4.2968	-67.035	-158.98	-305.39E-6
	20.24375	10.37500	-4.10000	-3.4005	-4.2968	-67.088	-159.41	-303.38E-6
	21.26813	10.37750	-4.10000	-3.3208	-4.2968	-66.677	-158.24	-302.93E-6
	22.29250	10.38000	-4.10000	-3.2089	-4.2968	-66.753	-158.21	-304.79E-6
	23.31688	10.38250	-4.10000	-3.0534	-4.2968	-66.837	-157.98	-308.27E-6
	24.34125	10.38500	-4.10000	-2.8441	-4.2968	-66.906	-157.10	-316.18E-6
	25.36563	10.38750	-4.10000	-2.5616	-4.2968	-66.949	-154.36	-337.00E-6
	26.39000	10.39000	-4.10000	-1.9133	-4.2968	-37.887	-99.281	-104.24E-6



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -30.00 [m OD]
Stiffness for horizontal displacement calculations: Weighted average
Using legacy heave correction factor: No
Displacements at load centroids: Yes

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus	Poissons ratio	Non-linear curve
	[mOD]		Top [kN/m ²]	Btm [kN/m ²]	
1	0.0	5	10000.	10000.	0.20000 None
2	-1.6000	10	41000.	63000.	0.20000 None
3	-7.0000	25	63000.	63000.	0.20000 None

Soil Zones

Zone	Name	X coordinates min max	Y coordinates min max	Profile
1	Zone 1	5.00000 40.00000	0.00000 35.53000	Soil Profile 1

Non-linear Curve Coordinates - Non-linear Curve 1

Point Strain Factor
[%]

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global)			Load position Angle of local x from	Width x or Radius	Length y	Polygon Coordinates	Rectangle tolerance	Number of rectangles	Load value		
				X	Y	Z (level)	[Degrees]	[m]	[m]	[m]			Normal (local z)	Tangential (local x)	Tangential (local y)
				[m]	[m]	[m]					[%]		[kN/m ²]	[kN/m ²]	[kN/m ²]
1	A	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,20.9) (15.7,20.9) (15.7,19.4) (10,19.4)	10.000	1	40.000	N/A	N/A
2	B	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(16.1,20.9) (20.7,20.9) (20.7,19.5) (16.1,19.5)	10.000	1	10.000	N/A	N/A
3	C	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(17.8,19.5) (26.3,19.5) (26.3,18) (17.8,18)	10.000	1	10.000	N/A	N/A
4	D	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,20.9) (16.7,20.9) (16.7,16.8) (15.7,16.8)	10.000	1	79.000	N/A	N/A
5	E	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(17.8,19.5) (26.3,19.5) (26.3,18) (17.8,18)	10.000	1	55.000	N/A	N/A
6	F	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(26.3,19.1) (28.6,19.1) (28.6,18) (26.3,18)	10.000	1	87.000	N/A	N/A
7	G	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(27.6,18) (28.6,18) (28.6,17.5) (27.6,17.5)	10.000	1	10.000	N/A	N/A
8	H	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(25.8,17.5) (28.6,17.5) (28.6,16.4) (25.8,16.4)	10.000	1	10.000	N/A	N/A
9	I	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(24.8,16.8) (26.3,16.8) (26.3,13.8) (24.8,13.8)	10.000	1	250.00	N/A	N/A
10	J	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(25.8,13.8) (28.6,13.8) (28.6,12.8) (25.8,12.8)	10.000	1	125.00	N/A	N/A
11	K	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(27.1,12.8) (28.6,12.8) (28.6,11.9) (27.1,11.9)	10.000	1	10.000	N/A	N/A
12	L	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(27.1,12.8) (28.6,12.8) (28.6,11.9) (27.1,11.9)	10.000	1	125.00	N/A	N/A
13	M	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,10.4) (26.3,10.4) (26.3,10) (10,10)	10.000	1	0.0	N/A	N/A
14	N	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,19.4) (11.5,19.4) (11.5,10.4) (10,10.4)	10.000	1	10.000	N/A	N/A
15	O	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,15.4) (16.6,15.4) (16.6,10.4) (15.7,10.4)	10.000	1	64.000	N/A	N/A
16	PL1	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,20.6) (12.6,20.6) (12.6,19.6) (11.6,19.6)	10.000	1	87.000	N/A	N/A
17	PL2	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,16.5) (12.6,16.5) (12.6,15.5) (11.6,15.5)	10.000	1	87.000	N/A	N/A
18	PL3	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,15) (12.6,15) (12.6,14) (11.6,14)	10.000	1	108.00	N/A	N/A
19	PL4	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(11.6,11.4) (12.6,11.4) (12.6,10.4) (11.6,10.4)	10.000	1	36.000	N/A	N/A
20	PL5	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,15.4) (16.6,15.4) (16.6,14.4) (15.7,14.4)	10.000	1	126.00	N/A	N/A
21	PL6	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(15.7,15.4) (17.8,19.5) (18.8,19.5) (18.8,18.5) (17.8,18.5) (17.8,19.5)	10.000	1	175.00	N/A	N/A
22	PL7	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(22,19.5) (23,19.5) (23,18.5) (22,18.5) (22,19.5)	10.000	1	110.00	N/A	N/A
23	C1	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(19.9,16.6) (20.9,16.6) (20.9,15.6) (19.9,15.6)	10.000	1	155.00	N/A	N/A
24	C2	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(21.7,16.6) (22.7,16.6) (22.7,15.6) (21.7,15.6)	10.000	1	130.00	N/A	N/A
25	C3	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(19.7,14.9) (20.7,14.9) (20.7,13.9) (19.7,13.9)	10.000	1	100.00	N/A	N/A
26	C4	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(21.7,14.9) (22.7,14.9) (22.7,13.9) (21.7,13.9)	10.000	1	80.000	N/A	N/A
27	DIG	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10,10) (10,20.9) (16.1,20.9) (16.1,15.4) (20.7,15.4) (20.7,19.5) (26.3,19.5) (26.3,18.1) (28.6,19.1) (28.6,16.4) (26.3,14.2) (26.7,13.8) (28.6,13.8) (28.6,10.8) (26.7,10.8) (26.4,10.5) (26.4,10) (10,10)	10.000	7	-80.000	N/A	N/A
28	DIG2	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(16.1,20.9) (20.7,20.9) (20.7,15.4) (16.1,15.4)	10.000	1	-25.000	N/A	N/A
29	SLAB	Polygonal	Horizontal	N/A	N/A	-4.00000	N/A	N/A	N/A	(10.4,10.4) (10.4,20.6) (20.4,20.6) (20.4,19.1) (26,19.1) (26,18.7) (28.3,18.7) (28.3,16.8) (25.9,16.8) (26,13.8) (26.3,13.8) (26.6,13.4) (28.3,13.4) (28.3,11.2) (26.6,11.2) (26.2,10.9) (26,10.9) (26,10.4) (10.4,10.4)	10.000	6	15.800	N/A	N/A

Polygonal Loads' Rectangles

No.	Centre of load X	Y	Angle of local x from global X [Degrees]	Width x	Depth y
	[m]	[m]		[m]	[m]
Load 1 : A (Edge 2 optimal)					
1	12.83000	20.18000	0.0	5.6600	1.5000
Load 2 : B (Edge 2 optimal)					
1	18.42500	20.21500	0.0	4.5700	1.4300
Load 3 : C (Edge 2 optimal)					
1	22.09000	18.75000	0.0	8.5000	1.5000
Load 4 : D (Edge 2 optimal)					
1	16.16000	18.87500	0.0	1.0000	4.1100
Load 5 : E					



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

No.	Centre of load X	Y	Angle of local x from global X	Width x	Depth y
(Edge 2 optimal)					
1	22.09000	18.75000	0.0	8.5000	1.5000
Load 6 : F					
(Edge 2 optimal)					
1	27.47500	18.53000	0.0	2.2700	1.0600
Load 7 : G					
(Edge 2 optimal)					
1	28.11000	17.75000	0.0	1.0000	0.50000
Load 8 : H					
(Edge 2 optimal)					
1	27.20500	16.97500	0.0	2.8100	1.0500
Load 9 : I					
(Edge 2 optimal)					
1	25.59000	15.29500	0.0	1.5000	3.0100
Load 10 : J					
(Edge 2 optimal)					
1	27.20500	13.31000	0.0	2.8100	0.96000
Load 11 : K					
(Edge 2 optimal)					
1	27.86000	12.34000	0.0	1.5000	0.98000
Load 12 : L					
(Edge 2 optimal)					
1	27.86000	12.34000	0.0	1.5000	0.98000
Load 13 : M					
(Edge 2 optimal)					
1	18.17000	10.17500	0.0	16.340	0.35000
Load 14 : N					
(Edge 2 optimal)					
1	10.75000	14.89000	0.0	1.5000	9.0800
Load 15 : O					
(Edge 2 optimal)					
1	16.15000	12.89000	0.0	1.0000	5.0600
Load 16 : PL1					
(Edge 2 optimal)					
1	12.05000	20.08000	0.0	1.0000	1.0000
Load 17 : PL2					
(Edge 2 optimal)					
1	12.05000	15.98000	0.0	1.0000	1.0000
Load 18 : PL3					
(Edge 2 optimal)					
1	12.05000	14.50000	0.0	1.0000	1.0000
Load 19 : PL4					
(Edge 2 optimal)					
1	12.05000	10.85000	0.0	1.0000	1.0000
Load 20 : PL5					
(Edge 2 optimal)					
1	16.15000	14.92000	0.0	1.0000	1.0000
Load 21 : PL6					
(Edge 2 optimal)					
1	18.34000	19.00000	0.0	1.0000	1.0000
Load 22 : PL7					
(Edge 2 optimal)					
1	22.50000	19.00000	0.0	1.0000	1.0000
Load 23 : C1					
(Edge 2 optimal)					
1	20.44000	16.10000	0.0	1.0000	1.0000
Load 24 : C2					
(Edge 2 optimal)					
1	22.20000	16.09000	0.0	1.0000	1.0000
Load 25 : C3					
(Edge 2 optimal)					
1	20.24000	14.42000	0.0	1.0000	1.0000
Load 26 : C4					
(Edge 2 optimal)					
1	22.20000	14.41000	0.0	1.0000	1.0000
Load 27 : DIG					
(Edge 7 optimal)					
1	27.66002	12.30497	179.75	1.8871	2.9900
2	26.55067	12.30486	179.75	0.30562	3.3228
3	26.36387	12.07812	179.75	0.066017	4.1563
4	27.47500	17.75500	179.75	2.2587	2.6100
5	23.51342	14.75000	179.75	5.6120	9.5001
6	18.38840	12.68000	179.75	4.6200	5.3601
7	13.05703	15.46500	179.75	6.0667	10.930
Load 28 : DIG2					
(Edge 2 optimal)					
1	18.42500	18.14000	0.0	4.5700	5.5800
Load 29 : SLAB					
(Edge 2 optimal)					
1	15.35500	15.47000	0.0	10.010	10.220
2	23.15000	14.75500	0.0	5.5800	8.7900
3	26.11000	12.30000	0.0	0.2600	2.9000
4	26.42000	12.30455	0.0	0.28000	2.5709
5	27.41000	12.29500	0.0	1.6800	2.2700
6	27.12500	17.75500	0.0	2.2700	1.9100

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion						No. of intrvl across extrusion/line	Extrusion Depth [m]	No. of intrvl along extrusion	Calculate	Show Detailed results
				X [m]	Y [m]	Z(level) [m]	X [m]	Y [m]	Z(level) [m]					
1	Grid	Grid 1	Global X	5.00000	0.00000	-4.10000	N/A	35.53000	-4.10000	60	Yes	Yes		
2	Line	A-AA	N/A	25.34000	15.23000	-1.00000	36.34000	15.24000	-1.00000	22	N/A	Yes	No	
3	Line	B-BB	N/A	26.10000	11.00000	-4.10000	26.10000	0.00000	-4.10000	22	N/A	Yes	No	
4	Line	C-CC	N/A	15.54000	11.00000	-4.10000	15.54000	0.00000	-4.10000	22	N/A	Yes	No	
5	Line	D-DD	N/A	20.18000	20.53000	-1.00000	20.18000	35.53000	-1.00000	30	N/A	Yes	No	
Mulberry														
6	Line	Chk - LW1	N/A	28.26000	19.06000	-1.00000	28.26000	16.45000	-1.00000	5	N/A	Yes	No	
7	Line	Chk - door	N/A	25.94000	16.80000	-1.00000	25.94000	13.74000	-1.00000	5	N/A	Yes	No	
8	Line	Chk - LW2	N/A	28.26000	13.77000	-1.00000	28.26000	10.81000	-1.00000	5	N/A	Yes	No	
9	Line	Chk - boundary	N/A	10.00000	10.35000	-4.10000	26.39000	10.39000	-4.10000	16	N/A	Yes	No	

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: -30.00 [m OD]

The maximum displacement difference between the Boussinesq method (3.2967mm) and the Mindlin method (-1.2437mm) occurs at point X = 25.84000m, Y = 15.23045m, level = -1.0000mOD, and is 4.5404mm.

Name	Location		Displacement		Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
A	12.89000	20.18000	-4.00000	-3.4496	-4.2065	-20.774	-39.365	-330.44E-6
B	18.12500	20.21500	-4.00000	-0.78009	-4.2065	1.1183	12.396	-22.033E-6
C	22.09000	18.75000	-4.00000	-0.56609	-4.2065	77.560	109.46	0.0013791
D	16.16000	18.87500	-4.00000	-1.7566	-4.2065	51.847	75.996	910.93E-6
E	22.09000	18.75000	-4.00000	-0.56609	-4.2065	77.560	109.46	0.0013791
F	27.47500	18.53000	-4.00000	-0.92412	-4.2065	20.038	24.724	370.07E-6
G	28.11000	17.75000	-4.00000	-2.0534	-4.2065	-51.057	-86.338	-852.72E-6
H	27.20500	16.97500	-4.00000	-2.2867	-4.2065	-55.058	-102.94	-881.16E-6
I	25.59000	15.29500	-4.00000	3.0674	-4.2065	183.52	345.72	0.0029270
J	27.20500	13.31000	-4.00000	-0.048774	-4.2065	56.496	100.15	925.40E-6
K	27.86000	12.34000	-4.00000	-0.28455	-4.2065	68.106	110.37	0.0011557
L	27.86000	12.34000	-4.00000	-0.28455	-4.2065	68.106	110.37	0.0011557
M	18.17000	10.17500	-4.00000	-5.9858	-4.2065	-68.644	-125.10	-0.0011112
N	10.75000	14.89000	-4.00000	-5.6482	-4.2065	-54.074	-114.54	-813.35E-6
O	16.15000	12.89000	-4.00000	-5.9041	-4.2065	-11.7578	-30.893	78.837E-6
PL1	12.05000	20.08000	-4.00000	-2.3790	-4.2065	58.739	75.716	0.0010722
PL2	12.05000	15.98000	-4.00000	-5.2289	-4.2065	19.254	-4.3122	464.36E-6
PL3	12.05000	14.50000	-4.00000	-5.0727	-4.2065	39.330	27.693	807.09E-6
PL4	12.05000	10.85000	-4.00000	-5.4973	-4.2065	-29.636	-82.060	-371.05E-6
PL5	16.15000	14.92000	-4.00000	-3.3421	-4.2065	118.72	165.87	0.0021174



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location			Displacement Z [Level] [mm]	Stresses			
	X [m]	Y [m]	Z [Level] [mOD]		Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
PL6	18.34000	19.00000	-4.00000	2.6027	-4.2065	221.80	370.55	0.0037208
PL7	22.50000	19.00000	-4.00000	0.036944	-4.2065	103.77	162.25	0.0017840
C1	20.44000	16.10000	-4.00000	-1.4295	-4.2065	136.20	198.20	0.0023985
C2	22.20000	16.09000	-4.00000	-2.9288	-4.2065	60.340	66.674	0.0011445
C3	20.24000	14.42000	-4.00000	-4.6926	-4.2065	31.669	17.952	666.72E-6
C4	22.20000	14.41000	-4.00000	-4.7076	-4.2065	12.456	-14.912	346.99E-6
DIG	18.61541	14.73543	-4.00000	-6.2385	-4.2065	-63.758	-133.13	-966.45E-6
DIG2	18.42500	18.14000	-4.00000	-0.41998	-4.2065	48.926	100.94	746.36E-6
SLAB	18.45252	15.20626	-4.00000	-5.5851	-4.2065	-56.544	-108.48	-894.25E-6
Grid 1	5.00000	0.00000	-4.10000	-0.31405	-4.2979	-54.336E-6	-0.12447	0.0
	5.58333	0.00000	-4.10000	-0.33279	-4.2979	-60.346E-6	-0.13235	0.0
	6.16667	0.00000	-4.10000	-0.35194	-4.2979	-66.841E-6	-0.14055	0.0
	6.75000	0.00000	-4.10000	-0.37139	-4.2979	-73.799E-6	-0.14902	0.0
7.33333	0.00000	-4.10000	-0.39103	-4.2979	-81.179E-6	-0.15772	0.0	
7.91667	0.00000	-4.10000	-0.41074	-4.2979	-88.922E-6	-0.16658	0.0	
8.50000	0.00000	-4.10000	-0.43036	-4.2979	-96.950E-6	-0.17554	0.0	
9.08333	0.00000	-4.10000	-0.44976	-4.2979	-105.17E-6	-0.18450	0.0	
9.66667	0.00000	-4.10000	-0.46877	-4.2979	-113.46E-6	-0.19338	0.0	
10.25000	0.00000	-4.10000	-0.48722	-4.2979	-121.72E-6	-0.20209	0.0	
10.83333	0.00000	-4.10000	-0.50496	-4.2979	-129.81E-6	-0.21053	0.0	
11.41667	0.00000	-4.10000	-0.52183	-4.2979	-137.62E-6	-0.21862	0.0	
12.00000	0.00000	-4.10000	-0.53767	-4.2979	-145.04E-6	-0.22626	0.0	
12.58333	0.00000	-4.10000	-0.55234	-4.2979	-151.98E-6	-0.23337	0.0	
13.16667	0.00000	-4.10000	-0.56570	-4.2979	-158.35E-6	-0.23989	0.0	
13.75000	0.00000	-4.10000	-0.57764	-4.2979	-164.11E-6	-0.24575	0.0	
14.33333	0.00000	-4.10000	-0.58805	-4.2979	-169.21E-6	-0.25091	0.0	
14.91667	0.00000	-4.10000	-0.59685	-4.2979	-173.62E-6	-0.25532	0.0	
15.50000	0.00000	-4.10000	-0.60397	-4.2979	-177.34E-6	-0.25895	0.0	
16.08333	0.00000	-4.10000	-0.60934	-4.2979	-180.35E-6	-0.26179	1.0030E-6	
16.66667	0.00000	-4.10000	-0.61292	-4.2979	-182.65E-6	-0.26381	1.0107E-6	
17.25000	0.00000	-4.10000	-0.61470	-4.2979	-184.25E-6	-0.26501	1.0153E-6	
17.83333	0.00000	-4.10000	-0.61464	-4.2979	-185.12E-6	-0.26536	1.0166E-6	
18.41667	0.00000	-4.10000	-0.61275	-4.2979	-185.27E-6	-0.26488	1.0147E-6	
19.00000	0.00000	-4.10000	-0.60905	-4.2979	-184.68E-6	-0.26356	1.0097E-6	
19.58333	0.00000	-4.10000	-0.60355	-4.2979	-183.34E-6	-0.26139	1.0014E-6	
20.16667	0.00000	-4.10000	-0.59629	-4.2979	-181.24E-6	-0.25846	0.0	
20.75000	0.00000	-4.10000	-0.58734	-4.2979	-178.36E-6	-0.25459	0.0	
21.33333	0.00000	-4.10000	-0.57675	-4.2979	-174.71E-6	-0.24999	0.0	
21.91667	0.00000	-4.10000	-0.56461	-4.2979	-170.29E-6	-0.24462	0.0	
22.50000	0.00000	-4.10000	-0.55101	-4.2979	-165.12E-6	-0.23853	0.0	
23.08333	0.00000	-4.10000	-0.53607	-4.2979	-159.23E-6	-0.23176	0.0	
23.66667	0.00000	-4.10000	-0.51992	-4.2979	-152.67E-6	-0.22438	0.0	
24.25000	0.00000	-4.10000	-0.50270	-4.2979	-145.51E-6	-0.21645	0.0	
24.83333	0.00000	-4.10000	-0.48454	-4.2979	-137.83E-6	-0.20804	0.0	
25.41667	0.00000	-4.10000	-0.46561	-4.2979	-129.73E-6	-0.19951	0.0	
26.00000	0.00000	-4.10000	-0.44608	-4.2979	-121.31E-6	-0.19018	0.0	
26.58333	0.00000	-4.10000	-0.42611	-4.2979	-112.72E-6	-0.18090	0.0	
27.16667	0.00000	-4.10000	-0.40587	-4.2979	-104.07E-6	-0.17153	0.0	
27.75000	0.00000	-4.10000	-0.38551	-4.2979	-95.482E-6	-0.16216	0.0	
28.33333	0.00000	-4.10000	-0.36520	-4.2979	-87.087E-6	-0.15280	0.0	
28.91667	0.00000	-4.10000	-0.34507	-4.2979	-78.986E-6	-0.14376	0.0	
29.50000	0.00000	-4.10000	-0.32526	-4.2979	-71.269E-6	-0.13489	0.0	
30.08333	0.00000	-4.10000	-0.30588	-4.2979	-64.005E-6	-0.12633	0.0	
30.66667	0.00000	-4.10000	-0.28703	-4.2979	-57.244E-6	-0.11811	0.0	
31.25000	0.00000	-4.10000	-0.26880	-4.2979	-51.015E-6	-0.11029	0.0	
31.83333	0.00000	-4.10000	-0.25125	-4.2979	-45.329E-6	-0.10288	0.0	
32.41667	0.00000	-4.10000	-0.23443	-4.2979	-40.181E-6	-0.095899	0.0	
33.00000	0.00000	-4.10000	-0.21838	-4.2979	-35.553E-6	-0.089351	0.0	
33.58333	0.00000	-4.10000	-0.20312	-4.2979	-31.419E-6	-0.083231	0.0	
34.16667	0.00000	-4.10000	-0.18866	-4.2979	-27.745E-6	-0.077532	0.0	
34.75000	0.00000	-4.10000	-0.17500	-4.2979	-24.494E-6	-0.072236	0.0	
35.33333	0.00000	-4.10000	-0.16213	-4.2979	-21.627E-6	-0.067327	0.0	
35.91667	0.00000	-4.10000	-0.15003	-4.2979	-19.105E-6	-0.062782	0.0	
36.50000	0.00000	-4.10000	-0.13869	-4.2979	-16.892E-6	-0.058581	0.0	
37.08333	0.00000	-4.10000	-0.12807	-4.2979	-14.951E-6	-0.054700	0.0	
37.66667	0.00000	-4.10000	-0.11816	-4.2979	-13.250E-6	-0.051116	0.0	
38.25000	0.00000	-4.10000	-0.10891	-4.2979	-11.760E-6	-0.047808	0.0	
38.83333	0.00000	-4.10000	-0.10029	-4.2979	-10.454E-6	-0.044754	0.0	
39.41667	0.00000	-4.10000	-0.092277	-4.2979	-9.3095E-6	-0.041934	0.0	
40.00000	0.00000	-4.10000	-0.084929	-4.2979	-8.3049E-6	-0.039332	0.0	
5.00000	0.59217	-4.10000	-0.34030	-4.2979	-63.799E-6	-0.13596	0.0	
5.58333	0.59217	-4.10000	-0.36125	-4.2979	-71.354E-6	-0.14510	0.0	
6.16667	0.59217	-4.10000	-0.38270	-4.2979	-79.589E-6	-0.15466	0.0	
6.75000	0.59217	-4.10000	-0.40456	-4.2979	-88.484E-6	-0.16459	0.0	
7.33333	0.59217	-4.10000	-0.42668	-4.2979	-97.991E-6	-0.17488	0.0	
7.91667	0.59217	-4.10000	-0.44892	-4.2979	-108.03E-6	-0.18533	0.0	
8.50000	0.59217	-4.10000	-0.47113	-4.2979	-118.51E-6	-0.19596	0.0	
9.08333	0.59217	-4.10000	-0.49311	-4.2979	-129.28E-6	-0.20664	0.0	
9.66667	0.59217	-4.10000	-0.51468	-4.2979	-140.18E-6	-0.21726	0.0	
10.25000	0.59217	-4.10000	-0.53565	-4.2979	-151.06E-6	-0.22787	0.0	
10.83333	0.59217	-4.10000	-0.55583	-4.2979	-161.73E-6	-0.23781	0.0	
11.41667	0.59217	-4.10000	-0.57503	-4.2979	-172.02E-6	-0.24752	0.0	
12.00000	0.59217	-4.10000	-0.59306	-4.2979	-181.78E-6	-0.25668	0.0	
12.58333	0.59217	-4.10000	-0.60977	-4.2979	-190.87E-6	-0.26521	1.0159E-6	
13.16667	0.59217	-4.10000	-0.62498	-4.2979	-199.20E-6	-0.27303	1.0458E-6	
13.75000	0.59217	-4.10000	-0.63858	-4.2979	-206.69E-6	-0.28005	1.0726E-6	
14.33333	0.59217	-4.10000	-0.65043	-4.2979	-213.30E-6	-0.28622	1.0962E-6	
14.91667	0.59217	-4.10000	-0.66045	-4.2979	-219.01E-6	-0.29150	1.1164E-6	
15.50000	0.59217	-4.10000	-0.66855	-4.2979	-223.81E-6	-0.29585	1.1330E-6	
16.08333	0.59217	-4.10000	-0.67466	-4.2979	-227.71E-6	-0.29926	1.1460E-6	
16.66667	0.59217	-4.10000	-0.67876	-4.2979	-230.71E-6	-0.30170	1.1553E-6	
17.25000	0.59217	-4.10000	-0.68079	-4.2979	-232.82E-6	-0.30316	1.1609E-6	
17.83333	0.59217	-4.10000	-0.68075	-4.2979	-234.02E-6	-0.30364	1.1627E-6	
18.41667	0.59217	-4.10000	-0.67863	-4.2979	-234.31E-6	-0.30313	1.1608E-6	
19.00000	0.59217	-4.10000	-0.67445	-4.2979	-233.67E-6	-0.30162	1.1550E-6	
19.58333	0.59217	-4.10000	-0.66824	-4.2979	-232.07E-6	-0.29912	1.1454E-6	
20.16667	0.59217	-4.10000	-0.66003	-4.2979	-229.49E-6	-0.29563	1.1320E-6	
20.75000	0.59217	-4.10000	-0.64988	-4.2979	-225.91E-6	-0.29117	1.1149E-6	
21.33333	0.59217	-4.10000	-0.63788	-4.2979	-221.31E-6	-0.28575	1.0942E-6	
21.91667	0.59217	-4.10000	-0.62411	-4.2979	-215.68E-6	-0.27941	1.0700E-6	
22.50000	0.59217	-4.10000	-0.60867	-4.2979	-209.06E-6	-0.27220	1.0424E-6	
23.08333	0.59217	-4.10000	-0.59171	-4.2979	-201.46E-6	-0.26416	1.0116E-6	
23.66667	0.59217	-4.10000	-0.57337	-4.2979	-192.95E-6	-0.25537	0.0	
24.25000	0.59217	-4.10000	-0.55379	-4.2979	-183.60E-6	-0.24591	0.0	
24.83333	0.59217	-4.10000	-0.53317	-4.2979	-173.54E-6	-0.23588	0.0	
25.41667	0.59217	-4.10000	-0.51168	-4.2979	-1620.			



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Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
10.83333	1.18433	-4.10000	-0.61216	-4.2979	-203.98E-6	-0.27016	1.0346E-6
11.41667	1.18433	-4.10000	-0.63405	-4.2979	-217.72E-6	-0.28188	1.0794E-6
12.00000	1.18433	-4.10000	-0.65462	-4.2979	-230.72E-6	-0.29296	1.1217E-6
12.58333	1.18433	-4.10000	-0.67367	-4.2979	-242.79E-6	-0.30326	1.1611E-6
13.16667	1.18433	-4.10000	-0.69102	-4.2979	-253.79E-6	-0.31268	1.1971E-6
13.75000	1.18433	-4.10000	-0.70651	-4.2979	-263.62E-6	-0.32113	1.2293E-6
14.33333	1.18433	-4.10000	-0.72002	-4.2979	-272.26E-6	-0.32855	1.2577E-6
14.91667	1.18433	-4.10000	-0.73143	-4.2979	-279.69E-6	-0.33490	1.2819E-6
15.50000	1.18433	-4.10000	-0.74065	-4.2979	-285.93E-6	-0.34013	1.3019E-6
16.08333	1.18433	-4.10000	-0.74762	-4.2979	-291.01E-6	-0.34423	1.3176E-6
16.66667	1.18433	-4.10000	-0.75229	-4.2979	-294.94E-6	-0.34719	1.3289E-6
17.25000	1.18433	-4.10000	-0.75463	-4.2979	-297.75E-6	-0.34899	1.3357E-6
17.83333	1.18433	-4.10000	-0.75461	-4.2979	-299.43E-6	-0.34963	1.3382E-6
18.41667	1.18433	-4.10000	-0.75224	-4.2979	-299.95E-6	-0.34910	1.3361E-6
19.00000	1.18433	-4.10000	-0.74753	-4.2979	-299.30E-6	-0.34739	1.3296E-6
19.58333	1.18433	-4.10000	-0.74051	-4.2979	-297.42E-6	-0.34450	1.3183E-6
20.16667	1.18433	-4.10000	-0.73122	-4.2979	-294.26E-6	-0.34043	1.3029E-6
20.75000	1.18433	-4.10000	-0.71972	-4.2979	-289.79E-6	-0.33519	1.2828E-6
21.33333	1.18433	-4.10000	-0.70610	-4.2979	-283.97E-6	-0.32880	1.2584E-6
21.91667	1.18433	-4.10000	-0.69047	-4.2979	-276.77E-6	-0.32128	1.2296E-6
22.50000	1.18433	-4.10000	-0.67293	-4.2979	-268.21E-6	-0.31270	1.1948E-6
23.08333	1.18433	-4.10000	-0.65365	-4.2979	-258.31E-6	-0.30310	1.1601E-6
23.66667	1.18433	-4.10000	-0.63278	-4.2979	-247.15E-6	-0.29258	1.1199E-6
24.25000	1.18433	-4.10000	-0.61051	-4.2979	-234.81E-6	-0.28122	1.0765E-6
24.83333	1.18433	-4.10000	-0.58704	-4.2979	-221.46E-6	-0.26916	1.0304E-6
25.41667	1.18433	-4.10000	-0.56260	-4.2979	-207.28E-6	-0.25683	0.0
26.00000	1.18433	-4.10000	-0.53740	-4.2979	-192.49E-6	-0.24347	0.0
26.58333	1.18433	-4.10000	-0.51169	-4.2979	-177.34E-6	-0.23015	0.0
27.16667	1.18433	-4.10000	-0.48569	-4.2979	-162.11E-6	-0.21672	0.0
27.75000	1.18433	-4.10000	-0.45963	-4.2979	-147.06E-6	-0.20334	0.0
28.33333	1.18433	-4.10000	-0.43373	-4.2979	-132.44E-6	-0.19017	0.0
28.91667	1.18433	-4.10000	-0.40818	-4.2979	-118.46E-6	-0.17734	0.0
29.50000	1.18433	-4.10000	-0.38315	-4.2979	-105.30E-6	-0.16495	0.0
30.08333	1.18433	-4.10000	-0.35881	-4.2979	-93.085E-6	-0.15310	0.0
30.66667	1.18433	-4.10000	-0.33427	-4.2979	-81.897E-6	-0.14187	0.0
31.25000	1.18433	-4.10000	-0.31265	-4.2979	-71.770E-6	-0.13129	0.0
31.83333	1.18433	-4.10000	-0.29101	-4.2979	-62.699E-6	-0.12139	0.0
32.41667	1.18433	-4.10000	-0.27041	-4.2979	-54.647E-6	-0.11218	0.0
33.00000	1.18433	-4.10000	-0.25088	-4.2979	-47.556E-6	-0.10366	0.0
33.58333	1.18433	-4.10000	-0.23443	-4.2979	-41.351E-6	-0.09578	0.0
34.16667	1.18433	-4.10000	-0.21506	-4.2979	-35.948E-6	-0.08854	0.0
34.75000	1.18433	-4.10000	-0.19876	-4.2979	-31.264E-6	-0.08190	0.0
35.33333	1.18433	-4.10000	-0.18350	-4.2979	-27.215E-6	-0.075820	0.0
35.91667	1.18433	-4.10000	-0.16924	-4.2979	-23.721E-6	-0.070251	0.0
36.50000	1.18433	-4.10000	-0.15595	-4.2979	-20.709E-6	-0.065157	0.0
37.08333	1.18433	-4.10000	-0.14358	-4.2979	-18.114E-6	-0.060499	0.0
37.66667	1.18433	-4.10000	-0.13208	-4.2979	-15.877E-6	-0.056240	0.0
38.25000	1.18433	-4.10000	-0.12142	-4.2979	-13.949E-6	-0.052343	0.0
38.83333	1.18433	-4.10000	-0.11153	-4.2979	-12.283E-6	-0.048777	0.0
39.41667	1.18433	-4.10000	-0.10237	-4.2979	-10.842E-6	-0.045527	0.0
40.00000	1.18433	-4.10000	-0.093894	-4.2979	-9.593E-6	-0.042514	0.0
5.00000	1.77650	-4.10000	-0.39872	-4.2979	-89.206E-6	-0.16317	0.0
5.58333	1.77650	-4.10000	-0.42492	-4.2979	-101.44E-6	-0.17564	0.0
6.16667	1.77650	-4.10000	-0.45192	-4.2979	-115.06E-6	-0.18884	0.0
6.75000	1.77650	-4.10000	-0.47959	-4.2979	-130.07E-6	-0.20279	0.0
7.33333	1.77650	-4.10000	-0.50776	-4.2979	-146.42E-6	-0.21722	0.0
7.91667	1.77650	-4.10000	-0.53623	-4.2979	-164.00E-6	-0.23221	0.0
8.50000	1.77650	-4.10000	-0.56478	-4.2979	-182.55E-6	-0.24755	0.0
9.08333	1.77650	-4.10000	-0.59317	-4.2979	-201.93E-6	-0.26309	1.0075E-6
9.66667	1.77650	-4.10000	-0.62142	-4.2979	-221.68E-6	-0.27889	1.0668E-6
10.25000	1.77650	-4.10000	-0.64837	-4.2979	-241.46E-6	-0.29394	1.1253E-6
10.83333	1.77650	-4.10000	-0.67463	-4.2979	-260.87E-6	-0.30885	1.1822E-6
11.41667	1.77650	-4.10000	-0.69965	-4.2979	-279.54E-6	-0.32315	1.2367E-6
12.00000	1.77650	-4.10000	-0.72315	-4.2979	-297.12E-6	-0.33664	1.2882E-6
12.58333	1.77650	-4.10000	-0.74691	-4.2979	-313.34E-6	-0.34979	1.3360E-6
13.16667	1.77650	-4.10000	-0.76472	-4.2979	-328.03E-6	-0.36060	1.3797E-6
13.75000	1.77650	-4.10000	-0.78240	-4.2979	-341.08E-6	-0.37083	1.4187E-6
14.33333	1.77650	-4.10000	-0.79780	-4.2979	-352.46E-6	-0.37979	1.4530E-6
14.91667	1.77650	-4.10000	-0.81081	-4.2979	-362.20E-6	-0.38744	1.4822E-6
15.50000	1.77650	-4.10000	-0.82332	-4.2979	-370.35E-6	-0.39397	1.5063E-6
16.08333	1.77650	-4.10000	-0.82926	-4.2979	-376.99E-6	-0.39871	1.5252E-6
16.66667	1.77650	-4.10000	-0.83459	-4.2979	-382.19E-6	-0.40231	1.5389E-6
17.25000	1.77650	-4.10000	-0.83727	-4.2979	-385.97E-6	-0.40454	1.5474E-6
17.83333	1.77650	-4.10000	-0.83729	-4.2979	-388.33E-6	-0.40540	1.5507E-6
18.41667	1.77650	-4.10000	-0.83464	-4.2979	-389.23E-6	-0.40498	1.5486E-6
19.00000	1.77650	-4.10000	-0.82933	-4.2979	-388.67E-6	-0.40295	1.5412E-6
19.58333	1.77650	-4.10000	-0.82140	-4.2979	-386.51E-6	-0.39962	1.5284E-6
20.16667	1.77650	-4.10000	-0.81089	-4.2979	-382.68E-6	-0.39486	1.5103E-6
20.75000	1.77650	-4.10000	-0.79786	-4.2979	-377.10E-6	-0.38870	1.4867E-6
21.33333	1.77650	-4.10000	-0.78241	-4.2979	-369.70E-6	-0.38113	1.4577E-6
21.91667	1.77650	-4.10000	-0.76464	-4.2979	-360.43E-6	-0.37219	1.4235E-6
22.50000	1.77650	-4.10000	-0.74470	-4.2979	-349.28E-6	-0.36192	1.3843E-6
23.08333	1.77650	-4.10000	-0.72275	-4.2979	-336.26E-6	-0.35039	1.3402E-6
23.66667	1.77650	-4.10000	-0.69897	-4.2979	-321.44E-6	-0.33771	1.2918E-6
24.25000	1.77650	-4.10000	-0.67359	-4.2979	-304.97E-6	-0.32299	1.2394E-6
24.83333	1.77650	-4.10000	-0.64684	-4.2979	-286.98E-6	-0.30937	1.1836E-6
25.41667	1.77650	-4.10000	-0.61898	-4.2979	-267.79E-6	-0.29404	1.1250E-6
26.00000	1.77650	-4.10000	-0.59028	-4.2979	-247.72E-6	-0.27818	1.0645E-6
26.58333	1.77650	-4.10000	-0.56101	-4.2979	-227.12E-6	-0.26200	1.0027E-6
27.16667	1.77650	-4.10000	-0.53146	-4.2979	-206.42E-6	-0.24572	0.0
27.75000	1.77650	-4.10000	-0.50189	-4.2979	-186.00E-6	-0.22954	0.0
28.33333	1.77650	-4.10000	-0.47256	-4.2979	-166.23E-6	-0.21365	0.0
28.91667	1.77650	-4.10000	-0.44371	-4.2979	-147.45E-6	-0.19824	0.0
29.50000	1.77650	-4.10000	-0.41553	-4.2979	-129.89E-6	-0.18344	0.0
30.08333	1.77650	-4.10000	-0.38920	-4.2979	-113.73E-6	-0.16937	0.0
30.66667	1.77650	-4.10000	-0.36188	-4.2979	-99.081E-6	-0.15611	0.0
31.25000	1.77650	-4.10000	-0.33666	-4.2979	-85.960E-6	-0.14371	0.0
31.83333	1.77650	-4.10000	-0.31263	-4.2979	-74.341E-6	-0.13220	0.0
32.41667	1.77650	-4.10000	-0.28893	-4.2979	-64.149E-6	-0.12157	0.0
33.00000	1.77650	-4.10000	-0.26681	-4.2979	-55.283E-6	-0.11179	0.0
33.58333	1.77650	-4.10000	-0.24805	-4.2979	-47.618E-6	-0.10284	0.0
34.16667	1.77650	-4.10000	-0.22905	-4.2979	-41.026E-6	-0.094662	0.0
34.75000	1.77650	-4.10000	-0.21128	-4.2979	-35.377E-6	-0.087211	0.0
35.33333	1.77650	-4.10000	-0.19469	-4.2979	-30.550E-6	-0.080430	0.0
35.91667	1.77650	-4.10000	-0.17925	-4.2979	-26.429E-6	-0.074263	0.0
36.50000	1.77650	-4.10000	-0.16490	-4.2979	-22.914E-6	-0.068657	0.0
37.08333	1.77650	-4.10000	-0.15158	-4.2979	-19.914E-6	-0.063559	0.0
37.66667	1.77650	-4.10000	-0.13924	-4.2979	-17.353E-6	-0.058922	0.0
38.25000	1.77650	-4.10000	-0.12782	-4.2979	-15.162E-6	-0.054701	0.0
38.83333	1.77650	-4.10000	-0.11725	-4.2979	-13.285E-6	-0.050854	0.0
39.41667	1.77650	-4.10000	-0.10749	-4.2979	-11.673E-6	-0.047345	0.0
40.00000	1.77650	-4.10000	-0.098484	-4.2979	-10.285E-6	-0.044140	0.0
5.00000	2.36867	-4.10000	-0.43107	-4.2979	-106.26E-6	-0.17930	0.0
5.58333	2.36867	-4.10000	-0.46038	-4.2979	-122.03E-6	-0.19386	0.0
6.16667	2.36867	-4.10000	-0.48901	-4.2979	-139.82E-6	-0.20960	0.0
6.75000	2.36867	-4.10000	-0.52189	-4.2979	-159.68E-6	-0.22617	0.0
7.33333	2.36867	-4.10000	-0.55375	-4.2979	-181.57E-6	-0.24359	0.0
7.91667	2.36867	-4.10000	-0.58605	-4.2979	-205.36E-6	-0.26173	1.0021E-6
8.50000	2.36867	-4.10000	-0.61893	-4.2979	-230.		



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses	Vert Strain			
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
21.91667	2.36867	-4.10000	-0.84777	-4.2979	-477.32E-6	-0.43478	1.6616E-6
22.50000	2.36867	-4.10000	-0.82507	-4.2979	-462.67E-6	-0.42244	1.6145E-6
23.08333	2.36867	-4.10000	-0.80005	-4.2979	-445.35E-6	-0.40852	1.5613E-6
23.66667	2.36867	-4.10000	-0.77292	-4.2979	-425.43E-6	-0.39313	1.5026E-6
24.25000	2.36867	-4.10000	-0.74394	-4.2979	-403.05E-6	-0.37641	1.4388E-6
24.83333	2.36867	-4.10000	-0.71338	-4.2979	-378.47E-6	-0.35855	1.3706E-6
25.41667	2.36867	-4.10000	-0.68155	-4.2979	-352.06E-6	-0.33977	1.2990E-6
26.00000	2.36867	-4.10000	-0.64878	-4.2979	-324.30E-6	-0.32032	1.2248E-6
26.58333	2.36867	-4.10000	-0.61538	-4.2979	-295.75E-6	-0.30047	1.1491E-6
27.16667	2.36867	-4.10000	-0.58171	-4.2979	-267.05E-6	-0.28052	1.0730E-6
27.75000	2.36867	-4.10000	-0.54808	-4.2979	-238.80E-6	-0.26074	0.0
28.33333	2.36867	-4.10000	-0.51481	-4.2979	-211.58E-6	-0.24139	0.0
28.91667	2.36867	-4.10000	-0.48216	-4.2979	-185.88E-6	-0.22271	0.0
29.50000	2.36867	-4.10000	-0.45038	-4.2979	-162.06E-6	-0.20488	0.0
30.08333	2.36867	-4.10000	-0.41967	-4.2979	-140.36E-6	-0.18804	0.0
30.66667	2.36867	-4.10000	-0.39020	-4.2979	-120.91E-6	-0.17228	0.0
31.25000	2.36867	-4.10000	-0.36208	-4.2979	-103.70E-6	-0.15767	0.0
31.83333	2.36867	-4.10000	-0.33539	-4.2979	-88.658E-6	-0.14421	0.0
32.41667	2.36867	-4.10000	-0.31019	-4.2979	-75.647E-6	-0.13188	0.0
33.00000	2.36867	-4.10000	-0.28648	-4.2979	-64.482E-6	-0.12065	0.0
33.58333	2.36867	-4.10000	-0.26425	-4.2979	-54.963E-6	-0.11044	0.0
34.16667	2.36867	-4.10000	-0.24349	-4.2979	-46.887E-6	-0.10119	0.0
34.75000	2.36867	-4.10000	-0.22414	-4.2979	-40.057E-6	-0.092831	0.0
35.33333	2.36867	-4.10000	-0.20615	-4.2979	-34.292E-6	-0.085275	0.0
35.91667	2.36867	-4.10000	-0.18946	-4.2979	-29.428E-6	-0.078450	0.0
36.50000	2.36867	-4.10000	-0.17400	-4.2979	-25.328E-6	-0.072285	0.0
37.08333	2.36867	-4.10000	-0.15969	-4.2979	-21.864E-6	-0.066712	0.0
37.66667	2.36867	-4.10000	-0.14647	-4.2979	-18.935E-6	-0.061670	0.0
38.25000	2.36867	-4.10000	-0.13427	-4.2979	-16.452E-6	-0.057104	0.0
38.83333	2.36867	-4.10000	-0.12301	-4.2979	-14.341E-6	-0.052962	0.0
39.41667	2.36867	-4.10000	-0.11264	-4.2979	-12.542E-6	-0.049199	0.0
40.00000	2.36867	-4.10000	-0.10308	-4.2979	-11.004E-6	-0.045776	0.0
5.00000	2.96083	-4.10000	-0.46560	-4.2979	-127.21E-6	-0.19742	0.0
5.58333	2.96083	-4.10000	-0.49842	-4.2979	-147.72E-6	-0.21473	0.0
6.16667	2.96083	-4.10000	-0.53251	-4.2979	-171.22E-6	-0.23337	0.0
6.75000	2.96083	-4.10000	-0.56711	-4.2979	-197.85E-6	-0.25329	0.0
7.33333	2.96083	-4.10000	-0.60379	-4.2979	-227.63E-6	-0.27440	1.0504E-6
7.91667	2.96083	-4.10000	-0.64051	-4.2979	-260.41E-6	-0.29655	1.1348E-6
8.50000	2.96083	-4.10000	-0.67754	-4.2979	-295.82E-6	-0.31951	1.2223E-6
9.08333	2.96083	-4.10000	-0.71455	-4.2979	-333.27E-6	-0.34329	1.3118E-6
9.66667	2.96083	-4.10000	-0.75113	-4.2979	-371.94E-6	-0.36689	1.4019E-6
10.25000	2.96083	-4.10000	-0.78690	-4.2979	-410.87E-6	-0.39011	1.4913E-6
10.83333	2.96083	-4.10000	-0.82143	-4.2979	-449.06E-6	-0.41297	1.5784E-6
11.41667	2.96083	-4.10000	-0.85433	-4.2979	-485.53E-6	-0.43486	1.6617E-6
12.00000	2.96083	-4.10000	-0.88523	-4.2979	-519.47E-6	-0.45543	1.7401E-6
12.58333	2.96083	-4.10000	-0.91379	-4.2979	-550.28E-6	-0.47442	1.8124E-6
13.16667	2.96083	-4.10000	-0.93974	-4.2979	-577.59E-6	-0.49161	1.8779E-6
13.75000	2.96083	-4.10000	-0.96283	-4.2979	-601.31E-6	-0.50687	1.9361E-6
14.33333	2.96083	-4.10000	-0.98290	-4.2979	-621.54E-6	-0.52013	1.9866E-6
14.91667	2.96083	-4.10000	-0.99979	-4.2979	-638.53E-6	-0.53134	2.0295E-6
15.50000	2.96083	-4.10000	-1.0134	-4.2979	-652.64E-6	-0.54064	2.0648E-6
16.08333	2.96083	-4.10000	-1.0237	-4.2979	-664.20E-6	-0.54794	2.0927E-6
16.66667	2.96083	-4.10000	-1.0307	-4.2979	-673.46E-6	-0.55333	2.1132E-6
17.25000	2.96083	-4.10000	-1.0342	-4.2979	-680.57E-6	-0.55681	2.1264E-6
17.83333	2.96083	-4.10000	-1.0344	-4.2979	-685.54E-6	-0.55837	2.1323E-6
18.41667	2.96083	-4.10000	-1.0311	-4.2979	-688.26E-6	-0.55801	2.1308E-6
19.00000	2.96083	-4.10000	-1.0244	-4.2979	-688.52E-6	-0.55566	2.1218E-6
19.58333	2.96083	-4.10000	-1.0143	-4.2979	-686.09E-6	-0.55129	2.1050E-6
20.16667	2.96083	-4.10000	-1.0008	-4.2979	-680.70E-6	-0.54484	2.0804E-6
20.75000	2.96083	-4.10000	-0.98410	-4.2979	-672.10E-6	-0.53629	2.0476E-6
21.33333	2.96083	-4.10000	-0.96419	-4.2979	-660.07E-6	-0.52559	2.0068E-6
21.91667	2.96083	-4.10000	-0.94122	-4.2979	-644.41E-6	-0.51277	1.9578E-6
22.50000	2.96083	-4.10000	-0.91535	-4.2979	-624.97E-6	-0.49786	1.9009E-6
23.08333	2.96083	-4.10000	-0.88679	-4.2979	-601.66E-6	-0.48094	1.8363E-6
23.66667	2.96083	-4.10000	-0.85503	-4.2979	-574.51E-6	-0.46229	1.7646E-6
24.25000	2.96083	-4.10000	-0.82263	-4.2979	-543.64E-6	-0.44157	1.6862E-6
24.83333	2.96083	-4.10000	-0.78764	-4.2979	-509.40E-6	-0.41953	1.6022E-6
25.41667	2.96083	-4.10000	-0.75118	-4.2979	-472.30E-6	-0.39628	1.5136E-6
26.00000	2.96083	-4.10000	-0.71365	-4.2979	-433.08E-6	-0.37215	1.4217E-6
26.58333	2.96083	-4.10000	-0.67544	-4.2979	-392.61E-6	-0.34752	1.3279E-6
27.16667	2.96083	-4.10000	-0.63696	-4.2979	-351.90E-6	-0.32278	1.2336E-6
27.75000	2.96083	-4.10000	-0.59862	-4.2979	-311.94E-6	-0.29832	1.1405E-6
28.33333	2.96083	-4.10000	-0.56077	-4.2979	-273.64E-6	-0.27449	1.0497E-6
28.91667	2.96083	-4.10000	-0.52375	-4.2979	-237.74E-6	-0.25160	0.0
29.50000	2.96083	-4.10000	-0.48684	-4.2979	-204.81E-6	-0.22989	0.0
30.08333	2.96083	-4.10000	-0.45329	-4.2979	-175.17E-6	-0.20958	0.0
30.66667	2.96083	-4.10000	-0.42027	-4.2979	-148.94E-6	-0.19072	0.0
31.25000	2.96083	-4.10000	-0.38890	-4.2979	-126.07E-6	-0.17339	0.0
31.83333	2.96083	-4.10000	-0.35927	-4.2979	-106.38E-6	-0.15758	0.0
32.41667	2.96083	-4.10000	-0.33141	-4.2979	-89.618E-6	-0.14323	0.0
33.00000	2.96083	-4.10000	-0.30532	-4.2979	-75.457E-6	-0.13027	0.0
33.58333	2.96083	-4.10000	-0.28097	-4.2979	-63.572E-6	-0.11862	0.0
34.16667	2.96083	-4.10000	-0.25832	-4.2979	-53.640E-6	-0.10815	0.0
34.75000	2.96083	-4.10000	-0.23730	-4.2979	-45.362E-6	-0.098757	0.0
35.33333	2.96083	-4.10000	-0.21882	-4.2979	-38.471E-6	-0.090302	0.0
35.91667	2.96083	-4.10000	-0.19982	-4.2979	-32.735E-6	-0.082793	0.0
36.50000	2.96083	-4.10000	-0.18319	-4.2979	-27.954E-6	-0.076022	0.0
37.08333	2.96083	-4.10000	-0.16786	-4.2979	-23.961E-6	-0.069939	0.0
37.66667	2.96083	-4.10000	-0.15373	-4.2979	-20.619E-6	-0.064468	0.0
38.25000	2.96083	-4.10000	-0.14079	-4.2979	-17.812E-6	-0.059393	0.0
38.83333	2.96083	-4.10000	-0.12876	-4.2979	-15.445E-6	-0.055086	0.0
39.41667	2.96083	-4.10000	-0.11776	-4.2979	-13.444E-6	-0.051060	0.0
40.00000	2.96083	-4.10000	-0.10765	-4.2979	-11.746E-6	-0.047412	0.0
5.00000	3.55300	-4.10000	-0.50237	-4.2979	-153.03E-6	-0.21779	0.0
5.58333	3.55300	-4.10000	-0.53309	-4.2979	-179.98E-6	-0.23814	0.0
6.16667	3.55300	-4.10000	-0.57749	-4.2979	-211.39E-6	-0.26069	0.0
6.75000	3.55300	-4.10000	-0.61726	-4.2979	-247.62E-6	-0.28481	1.0900E-6
7.33333	3.55300	-4.10000	-0.65821	-4.2979	-288.85E-6	-0.31063	1.1884E-6
7.91667	3.55300	-4.10000	-0.70005	-4.2979	-334.96E-6	-0.33796	1.2924E-6
8.50000	3.55300	-4.10000	-0.74310	-4.2979	-385.47E-6	-0.36652	1.4012E-6
9.08333	3.55300	-4.10000	-0.78484	-4.2979	-439.48E-6	-0.39593	1.5130E-6
9.66667	3.55300	-4.10000	-0.82690	-4.2979	-495.68E-6	-0.42570	1.6263E-6
10.25000	3.55300	-4.10000	-0.86808	-4.2979	-552.46E-6	-0.45530	1.7388E-6
10.83333	3.55300	-4.10000	-0.90787	-4.2979	-608.11E-6	-0.48417	1.8486E-6
11.41667	3.55300	-4.10000	-0.94578	-4.2979	-660.98E-6	-0.51175	1.9535E-6
12.00000	3.55300	-4.10000	-0.98135	-4.2979	-709.74E-6	-0.53759	2.0518E-6
12.58333	3.55300	-4.10000	-1.0142	-4.2979	-753.45E-6	-0.56131	2.1420E-6
13.16667	3.55300	-4.10000	-1.0439	-4.2979	-791.61E-6	-0.58265	2.2232E-6
13.75000	3.55300	-4.10000	-1.0704	-4.2979	-824.16E-6	-0.60145	2.2948E-6
14.33333	3.55300	-4.10000	-1.0933	-4.2979	-851.44E-6	-0.61769	2.3567E-6
14.91667	3.55300	-4.10000	-1.1126	-4.2979	-874.04E-6	-0.63138	2.4088E-6
15.50000	3.55300	-4.10000	-1.1281	-4.2979	-892.65E-6	-0.64263	2.4517E-6
16.08333	3.55300	-4.10000	-1.1398	-4.2979	-907.97E-6	-0.65152	2.4855E-6
16.66667	3.55300	-4.10000	-1.1477	-4.2979	-920.50E-6	-0.65814	2.5107E-6
17.25000	3.55300	-4.10000	-1.1518	-4.2979	-930.51E-6	-0.66253	2.5274E-6
17.83333	3.55300	-4.10000	-1.1520	-4.2979	-937.99E-6	-0.66469	2.5355E-6
18.41667	3.55300	-4.10000	-1.1484	-4.2979	-942.69E-6	-0.66456	2.5349E-6
19.00000	3.55300	-4.10000	-1.1409	-4.2979	-944.24E-6	-0.66207	2.5253E-6



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
	33.00000	3.55300	-4.10000	-0.32474	-4.2979	-88.568E-6	-0.14071	0.0
	33.58333	3.55300	-4.10000	-0.29811	-4.2979	-73.650E-6	-0.12737	0.0
	34.16667	3.55300	-4.10000	-0.27344	-4.2979	-61.396E-6	-0.11551	0.0
	34.75000	3.55300	-4.10000	-0.25065	-4.2979	-51.348E-6	-0.10497	0.0
	35.33333	3.55300	-4.10000	-0.22962	-4.2979	-43.110E-6	-0.095603	0.0
	35.91667	3.55300	-4.10000	-0.21024	-4.2979	-36.349E-6	-0.087289	0.0
	36.50000	3.55300	-4.10000	-0.19242	-4.2979	-30.786E-6	-0.079845	0.0
	37.08333	3.55300	-4.10000	-0.17603	-4.2979	-26.196E-6	-0.073219	0.0
	37.66667	3.55300	-4.10000	-0.16098	-4.2979	-22.393E-6	-0.067294	0.0
	38.25000	3.55300	-4.10000	-0.14715	-4.2979	-19.231E-6	-0.061983	0.0
	38.83333	3.55300	-4.10000	-0.13447	-4.2979	-16.589E-6	-0.057232	0.0
	39.41667	3.55300	-4.10000	-0.12283	-4.2979	-14.372E-6	-0.052915	0.0
	40.00000	3.55300	-4.10000	-0.11216	-4.2979	-12.503E-6	-0.049037	0.0
	5.00000	4.14517	-4.10000	-0.54142	-4.2979	-184.98E-6	-0.24071	0.0
	5.58333	4.14517	-4.10000	-0.58260	-4.2979	-220.70E-6	-0.26522	1.0152E-6
	6.16667	4.14517	-4.10000	-0.62578	-4.2979	-263.21E-6	-0.29218	1.1180E-6
	6.75000	4.14517	-4.10000	-0.67079	-4.2979	-313.29E-6	-0.32164	1.2301E-6
	7.33333	4.14517	-4.10000	-0.71736	-4.2979	-371.49E-6	-0.35352	1.3515E-6
	7.91667	4.14517	-4.10000	-0.76515	-4.2979	-437.89E-6	-0.38766	1.4812E-6
	8.50000	4.14517	-4.10000	-0.81374	-4.2979	-511.90E-6	-0.42368	1.6181E-6
	9.08333	4.14517	-4.10000	-0.86660	-4.2979	-592.16E-6	-0.46107	1.7601E-6
	9.66667	4.14517	-4.10000	-0.91115	-4.2979	-676.47E-6	-0.49914	1.9046E-6
	10.25000	4.14517	-4.10000	-0.95878	-4.2979	-762.02E-6	-0.53711	2.0487E-6
	10.83333	4.14517	-4.10000	-1.0048	-4.2979	-845.74E-6	-0.57415	2.1893E-6
	11.41667	4.14517	-4.10000	-1.0487	-4.2979	-924.77E-6	-0.60945	2.3233E-6
	12.00000	4.14517	-4.10000	-1.0937	-4.2979	-996.80E-6	-0.64262	2.4482E-6
	12.58333	4.14517	-4.10000	-1.1276	-4.2979	-0.0010603	-0.67233	2.5621E-6
	13.16667	4.14517	-4.10000	-1.1618	-4.2979	-0.0011147	-0.69906	2.6636E-6
	13.75000	4.14517	-4.10000	-1.1921	-4.2979	-0.0011600	-0.72238	2.7523E-6
	14.33333	4.14517	-4.10000	-1.2182	-4.2979	-0.0011970	-0.74232	2.8282E-6
	14.91667	4.14517	-4.10000	-1.2402	-4.2979	-0.0012270	-0.75902	2.8917E-6
	15.50000	4.14517	-4.10000	-1.2578	-4.2979	-0.0012515	-0.77268	2.9437E-6
	16.08333	4.14517	-4.10000	-1.2711	-4.2979	-0.0012718	-0.78351	2.9849E-6
	16.66667	4.14517	-4.10000	-1.2801	-4.2979	-0.0012889	-0.79168	3.0159E-6
	17.25000	4.14517	-4.10000	-1.2848	-4.2979	-0.0013038	-0.79727	3.0371E-6
	17.83333	4.14517	-4.10000	-1.2852	-4.2979	-0.0013150	-0.80027	3.0484E-6
	18.41667	4.14517	-4.10000	-1.2812	-4.2979	-0.0013233	-0.80061	3.0495E-6
	19.00000	4.14517	-4.10000	-1.2728	-4.2979	-0.0013275	-0.79813	3.0398E-6
	19.58333	4.14517	-4.10000	-1.2601	-4.2979	-0.0013268	-0.79268	3.0189E-6
	20.16667	4.14517	-4.10000	-1.2430	-4.2979	-0.0013280	-0.78451	2.9860E-6
	20.75000	4.14517	-4.10000	-1.2215	-4.2979	-0.0013077	-0.77226	2.9408E-6
	21.33333	4.14517	-4.10000	-1.1959	-4.2979	-0.0012881	-0.75705	2.8827E-6
	21.91667	4.14517	-4.10000	-1.1661	-4.2979	-0.0012610	-0.73840	2.8116E-6
	22.50000	4.14517	-4.10000	-1.1324	-4.2979	-0.0012257	-0.71628	2.7273E-6
	23.08333	4.14517	-4.10000	-1.0951	-4.2979	-0.0011813	-0.69073	2.6300E-6
	23.66667	4.14517	-4.10000	-1.0544	-4.2979	-0.0011289	-0.66186	2.5202E-6
	24.25000	4.14517	-4.10000	-1.0106	-4.2979	-0.0010668	-0.62988	2.3986E-6
	24.83333	4.14517	-4.10000	-96437	-4.2979	-995.78E-6	-0.59513	2.2665E-6
	25.41667	4.14517	-4.10000	-0.91609	-4.2979	-916.96E-6	-0.55809	2.1259E-6
	26.00000	4.14517	-4.10000	-0.86636	-4.2979	-832.08E-6	-0.51931	1.9789E-6
	26.58333	4.14517	-4.10000	-0.81579	-4.2979	-743.62E-6	-0.47976	1.8285E-6
	27.16667	4.14517	-4.10000	-0.76502	-4.2979	-654.45E-6	-0.44002	1.6777E-6
	27.75000	4.14517	-4.10000	-0.71464	-4.2979	-567.49E-6	-0.40095	1.5294E-6
	28.33333	4.14517	-4.10000	-0.66522	-4.2979	-485.32E-6	-0.36327	1.3863E-6
	28.91667	4.14517	-4.10000	-0.61726	-4.2979	-409.92E-6	-0.32758	1.2508E-6
	29.50000	4.14517	-4.10000	-0.57114	-4.2979	-342.54E-6	-0.29434	1.1245E-6
	30.08333	4.14517	-4.10000	-0.52720	-4.2979	-283.73E-6	-0.26380	1.0083E-6
	30.66667	4.14517	-4.10000	-0.48563	-4.2979	-233.44E-6	-0.23608	0.0
	31.25000	4.14517	-4.10000	-0.44656	-4.2979	-191.18E-6	-0.21118	0.0
	31.83333	4.14517	-4.10000	-0.41006	-4.2979	-156.18E-6	-0.18896	0.0
	32.41667	4.14517	-4.10000	-0.37610	-4.2979	-127.52E-6	-0.16932	0.0
	33.00000	4.14517	-4.10000	-0.34463	-4.2979	-104.23E-6	-0.15197	0.0
	33.58333	4.14517	-4.10000	-0.31555	-4.2979	-85.417E-6	-0.13669	0.0
	34.16667	4.14517	-4.10000	-0.28875	-4.2979	-70.259E-6	-0.12326	0.0
	34.75000	4.14517	-4.10000	-0.26409	-4.2979	-58.053E-6	-0.11144	0.0
	35.33333	4.14517	-4.10000	-0.24144	-4.2979	-48.214E-6	-0.10103	0.0
	35.91667	4.14517	-4.10000	-0.22065	-4.2979	-40.260E-6	-0.091841	0.0
	36.50000	4.14517	-4.10000	-0.20160	-4.2979	-33.808E-6	-0.083721	0.0
	37.08333	4.14517	-4.10000	-0.18413	-4.2979	-28.549E-6	-0.076522	0.0
	37.66667	4.14517	-4.10000	-0.16814	-4.2979	-24.242E-6	-0.070124	0.0
	38.25000	4.14517	-4.10000	-0.15349	-4.2979	-20.695E-6	-0.064420	0.0
	38.83333	4.14517	-4.10000	-0.14009	-4.2979	-17.758E-6	-0.059321	0.0
	39.41667	4.14517	-4.10000	-0.12781	-4.2979	-15.313E-6	-0.054749	0.0
	40.00000	4.14517	-4.10000	-0.11659	-4.2979	-13.267E-6	-0.050638	0.0
	5.00000	4.73733	-4.10000	-0.58271	-4.2979	-224.55E-6	-0.29279	1.0193E-6
	5.58333	4.73733	-4.10000	-0.62885	-4.2979	-272.34E-6	-0.29584	1.1318E-6
	6.16667	4.73733	-4.10000	-0.67750	-4.2979	-330.60E-6	-0.32859	1.2565E-6
	6.75000	4.73733	-4.10000	-0.72850	-4.2979	-401.00E-6	-0.36486	1.3944E-6
	7.33333	4.73733	-4.10000	-0.78158	-4.2979	-484.95E-6	-0.40469	1.5457E-6
	7.91667	4.73733	-4.10000	-0.83635	-4.2979	-583.13E-6	-0.44789	1.7096E-6
	8.50000	4.73733	-4.10000	-0.89230	-4.2979	-695.06E-6	-0.49405	1.8846E-6
	9.08333	4.73733	-4.10000	-0.94881	-4.2979	-818.66E-6	-0.54245	2.0680E-6
	9.66667	4.73733	-4.10000	-1.0051	-4.2979	-950.11E-6	-0.59210	2.2559E-6
	10.25000	4.73733	-4.10000	-1.0605	-4.2979	-0.0010842	-0.64179	2.4440E-6
	10.83333	4.73733	-4.10000	-1.1140	-4.2979	-0.0012152	-0.69021	2.6274E-6
	11.41667	4.73733	-4.10000	-1.1650	-4.2979	-0.0013377	-0.73628	2.8017E-6
	12.00000	4.73733	-4.10000	-1.2126	-4.2979	-0.0014477	-0.77886	2.9629E-6
	12.58333	4.73733	-4.10000	-1.2564	-4.2979	-0.0015427	-0.81727	3.1085E-6
	13.16667	4.73733	-4.10000	-1.2957	-4.2979	-0.0016219	-0.85109	3.2368E-6
	13.75000	4.73733	-4.10000	-1.3305	-4.2979	-0.0016805	-0.88021	3.3473E-6
	14.33333	4.73733	-4.10000	-1.3603	-4.2979	-0.0017362	-0.90476	3.4406E-6
	14.91667	4.73733	-4.10000	-1.3852	-4.2979	-0.0017757	-0.92509	3.5179E-6
	15.50000	4.73733	-4.10000	-1.4052	-4.2979	-0.0018075	-0.94162	3.5808E-6
	16.08333	4.73733	-4.10000	-1.4203	-4.2979	-0.0018342	-0.95479	3.6308E-6
	16.66667	4.73733	-4.10000	-1.4305	-4.2979	-0.0018580	-0.96491	3.6692E-6
	17.25000	4.73733	-4.10000	-1.4359	-4.2979	-0.0018796	-0.97213	3.6965E-6
	17.83333	4.73733	-4.10000	-1.4365	-4.2979	-0.0018985	-0.97642	3.7126E-6
	18.41667	4.73733	-4.10000	-1.4321	-4.2979	-0.0019136	-0.97760	3.7168E-6
	19.00000	4.73733	-4.10000	-1.4229	-4.2979	-0.0019232	-0.97543	3.7082E-6
	19.58333	4.73733	-4.10000	-1.4086	-4.2979	-0.0019258	-0.96961	3.6933E-6
	20.16667	4.73733	-4.10000	-1.3894	-4.2979	-0.0019202	-0.95989	3.6485E-6
	20.75000	4.73733	-4.10000	-1.3652	-4.2979	-0.0019054	-0.94604	3.5955E-6
	21.33333	4.73733	-4.10000	-1.3361	-4.2979	-0.0018804	-0.92788	3.5262E-6
	21.91667	4.73733	-4.10000	-1.3022	-4.2979	-0.0018443	-0.90526	3.4401E-6
	22.50000	4.73733	-4.10000	-1.2638	-4.2979	-0.0017961	-0.87810	3.3367E-6
	23.08333	4.73733	-4.10000	-1.2209	-4.2979	-0.0017347	-0.84635	3.2160E-6
	23.66667	4.73733	-4.10000	-1.1741	-4.2979	-0.0016587	-0.81008	3.0782E-6
	24.25000	4.73733	-4.10000	-1.1237	-4.2979	-0.0015676	-0.76947	2.9241E-6
	24.83333	4.73733	-4.10000	-1.0702	-4.2979	-0.0014612	-0.72493	2.7551E-6
	25.41667	4.73733	-4.10000	-1.0143	-4.2979	-0.0013408	-0.67706	2.5738E-6
	26.00000	4.73733	-4.10000	-0.95673	-4.2979	-0.0012094	-0.62676	2.3833E-6
	26.58333	4.73733	-4.10000	-0.89816	-4.2979	-0.0010714	-0.57510	2.1877E-6
	27.16667	4.73733	-4.10000	-0.83943	-4.2979	-931.98E-6	-0.52329	1.9917E-6
	27.75000							



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses	Vert Strain			
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
8.50000	5.32950	-4.10000	-0.97894	-4.2979	-968.87E-6	-0.58198	2.2166E-6
9.08333	5.32950	-4.10000	-1.0446	-4.2979	-0.0011677	-0.64602	2.4584E-6
9.66667	5.32950	-4.10000	-1.1104	-4.2979	-0.0013826	-0.71232	2.7085E-6
10.25000	5.32950	-4.10000	-1.1752	-4.2979	-0.0016034	-0.77898	2.9598E-6
10.83333	5.32950	-4.10000	-1.2378	-4.2979	-0.0018182	-0.84395	3.2048E-6
11.41667	5.32950	-4.10000	-1.2974	-4.2979	-0.0020168	-0.90539	3.4362E-6
12.00000	5.32950	-4.10000	-1.3529	-4.2979	-0.0021916	-0.96149	3.6484E-6
12.58333	5.32950	-4.10000	-1.4036	-4.2979	-0.0023387	-1.0115	3.8374E-6
13.16667	5.32950	-4.10000	-1.4490	-4.2979	-0.0024574	-1.0548	4.0013E-6
13.75000	5.32950	-4.10000	-1.4888	-4.2979	-0.0025491	-1.0914	4.1399E-6
14.33333	5.32950	-4.10000	-1.5228	-4.2979	-0.0026176	-1.1216	4.2547E-6
14.91667	5.32950	-4.10000	-1.5510	-4.2979	-0.0026684	-1.1463	4.3482E-6
15.50000	5.32950	-4.10000	-1.5736	-4.2979	-0.0027080	-1.1661	4.4236E-6
16.08333	5.32950	-4.10000	-1.5906	-4.2979	-0.0027425	-1.1820	4.4841E-6
16.66667	5.32950	-4.10000	-1.6022	-4.2979	-0.0027761	-1.1946	4.5318E-6
17.25000	5.32950	-4.10000	-1.6084	-4.2979	-0.0028100	-1.2041	4.5676E-6
17.83333	5.32950	-4.10000	-1.6093	-4.2979	-0.0028427	-1.2105	4.5911E-6
18.41667	5.32950	-4.10000	-1.6046	-4.2979	-0.0028711	-1.2132	4.6011E-6
19.00000	5.32950	-4.10000	-1.5945	-4.2979	-0.0028918	-1.2119	4.5956E-6
19.58333	5.32950	-4.10000	-1.5787	-4.2979	-0.0029018	-1.2061	4.5730E-6
20.16667	5.32950	-4.10000	-1.5571	-4.2979	-0.0028993	-1.1953	4.5313E-6
20.75000	5.32950	-4.10000	-1.5299	-4.2979	-0.0028827	-1.1792	4.4700E-6
21.33333	5.32950	-4.10000	-1.4969	-4.2979	-0.0028510	-1.1575	4.3874E-6
21.91667	5.32950	-4.10000	-1.4583	-4.2979	-0.0028028	-1.1300	4.2827E-6
22.50000	5.32950	-4.10000	-1.4144	-4.2979	-0.0027363	-1.0965	4.1552E-6
23.08333	5.32950	-4.10000	-1.3652	-4.2979	-0.0026140	-1.0567	4.0042E-6
23.66667	5.32950	-4.10000	-1.3112	-4.2979	-0.0025380	-1.0107	3.8296E-6
24.25000	5.32950	-4.10000	-1.2529	-4.2979	-0.0024009	-0.95844	3.6318E-6
24.83333	5.32950	-4.10000	-1.1909	-4.2979	-0.0022361	-0.90038	3.4123E-6
25.41667	5.32950	-4.10000	-1.1239	-4.2979	-0.0020448	-0.83730	3.1740E-6
26.00000	5.32950	-4.10000	-1.0587	-4.2979	-0.0018320	-0.77044	2.9217E-6
26.58333	5.32950	-4.10000	-0.99049	-4.2979	-0.0016060	-0.70146	2.6615E-6
27.16667	5.32950	-4.10000	-0.92216	-4.2979	-0.0013775	-0.63228	2.4006E-6
27.75000	5.32950	-4.10000	-0.85474	-4.2979	-0.0011573	-0.56479	2.1461E-6
28.33333	5.32950	-4.10000	-0.78914	-4.2979	-954.31E-6	-0.50068	1.9042E-6
28.91667	5.32950	-4.10000	-0.72612	-4.2979	-774.13E-6	-0.44120	1.6735E-6
29.50000	5.32950	-4.10000	-0.66625	-4.2979	-619.42E-6	-0.38716	1.4752E-6
30.08333	5.32950	-4.10000	-0.60995	-4.2979	-490.33E-6	-0.33892	1.2925E-6
30.66667	5.32950	-4.10000	-0.55742	-4.2979	-385.22E-6	-0.29647	1.1317E-6
31.25000	5.32950	-4.10000	-0.50766	-4.2979	-301.37E-6	-0.25954	0.9850E-6
31.83333	5.32950	-4.10000	-0.46390	-4.2979	-235.55E-6	-0.22668	0.0
32.41667	5.32950	-4.10000	-0.42274	-4.2979	-184.46E-6	-0.20033	0.0
33.00000	5.32950	-4.10000	-0.38506	-4.2979	-145.08E-6	-0.17690	0.0
33.58333	5.32950	-4.10000	-0.35066	-4.2979	-114.83E-6	-0.15685	0.0
34.16667	5.32950	-4.10000	-0.31930	-4.2979	-91.562E-6	-0.13966	0.0
34.75000	5.32950	-4.10000	-0.29072	-4.2979	-73.615E-6	-0.12487	0.0
35.33333	5.32950	-4.10000	-0.26470	-4.2979	-59.695E-6	-0.11212	0.0
35.91667	5.32950	-4.10000	-0.24102	-4.2979	-48.826E-6	-0.10107	0.0
36.50000	5.32950	-4.10000	-0.21946	-4.2979	-40.272E-6	-0.091458	0.0
37.08333	5.32950	-4.10000	-0.19893	-4.2979	-33.485E-6	-0.08303	0.0
37.66667	5.32950	-4.10000	-0.18195	-4.2979	-28.054E-6	-0.075674	0.0
38.25000	5.32950	-4.10000	-0.16568	-4.2979	-23.672E-6	-0.069166	0.0
38.83333	5.32950	-4.10000	-0.15085	-4.2979	-20.108E-6	-0.063403	0.0
39.41667	5.32950	-4.10000	-0.13734	-4.2979	-17.186E-6	-0.058279	0.0
40.00000	5.32950	-4.10000	-0.12502	-4.2979	-14.773E-6	-0.053709	0.0
5.00000	5.92167	-4.10000	-0.67168	-4.2979	-334.14E-6	-0.32768	1.2529E-6
5.58333	5.92167	-4.10000	-0.72954	-4.2979	-421.57E-6	-0.37037	1.4151E-6
6.16667	5.92167	-4.10000	-0.79140	-4.2979	-534.93E-6	-0.41958	1.6018E-6
6.75000	5.92167	-4.10000	-0.85716	-4.2979	-681.49E-6	-0.47610	1.8159E-6
7.33333	5.92167	-4.10000	-0.92661	-4.2979	-869.22E-6	-0.54075	2.0595E-6
7.91667	5.92167	-4.10000	-0.99931	-4.2979	-0.0011053	-0.61323	2.3336E-6
8.50000	5.92167	-4.10000	-1.0746	-4.2979	-0.0013937	-0.69372	2.6366E-6
9.08333	5.92167	-4.10000	-1.1515	-4.2979	-0.0017311	-0.78075	2.9637E-6
9.66667	5.92167	-4.10000	-1.2289	-4.2979	-0.0021044	-0.87199	3.3061E-6
10.25000	5.92167	-4.10000	-1.3052	-4.2979	-0.0024929	-0.96449	3.6521E-6
10.83333	5.92167	-4.10000	-1.3791	-4.2979	-0.0028656	-1.0540	3.9888E-6
11.41667	5.92167	-4.10000	-1.4492	-4.2979	-0.0032054	-1.1381	4.3044E-6
12.00000	5.92167	-4.10000	-1.5142	-4.2979	-0.0034968	-1.2141	4.5899E-6
12.58333	5.92167	-4.10000	-1.5733	-4.2979	-0.0037345	-1.2805	4.8399E-6
13.16667	5.92167	-4.10000	-1.6258	-4.2979	-0.0039187	-1.3387	5.0520E-6
13.75000	5.92167	-4.10000	-1.6714	-4.2979	-0.0040530	-1.3830	5.2269E-6
14.33333	5.92167	-4.10000	-1.7100	-4.2979	-0.0041449	-1.4201	5.3675E-6
14.91667	5.92167	-4.10000	-1.7418	-4.2979	-0.0042057	-1.4495	5.4791E-6
15.50000	5.92167	-4.10000	-1.7671	-4.2979	-0.0042501	-1.4728	5.5680E-6
16.08333	5.92167	-4.10000	-1.7862	-4.2979	-0.0042920	-1.4926	5.6402E-6
16.66667	5.92167	-4.10000	-1.7993	-4.2979	-0.0043408	-1.5076	5.6998E-6
17.25000	5.92167	-4.10000	-1.8065	-4.2979	-0.0043982	-1.5206	5.7482E-6
17.83333	5.92167	-4.10000	-1.8078	-4.2979	-0.0044592	-1.5303	5.7842E-6
18.41667	5.92167	-4.10000	-1.8031	-4.2979	-0.0045156	-1.5360	5.8048E-6
19.00000	5.92167	-4.10000	-1.7921	-4.2979	-0.0045595	-1.5397	5.8066E-6
19.58333	5.92167	-4.10000	-1.7746	-4.2979	-0.0045855	-1.5316	5.7864E-6
20.16667	5.92167	-4.10000	-1.7506	-4.2979	-0.0045906	-1.5200	5.7418E-6
20.75000	5.92167	-4.10000	-1.7200	-4.2979	-0.0045735	-1.5015	5.6710E-6
21.33333	5.92167	-4.10000	-1.6827	-4.2979	-0.0045332	-1.4757	5.5725E-6
21.91667	5.92167	-4.10000	-1.6388	-4.2979	-0.0044684	-1.4428	5.4450E-6
22.50000	5.92167	-4.10000	-1.5885	-4.2979	-0.0043758	-1.4005	5.2869E-6
23.08333	5.92167	-4.10000	-1.5320	-4.2979	-0.0042503	-1.3503	5.0968E-6
23.66667	5.92167	-4.10000	-1.4697	-4.2979	-0.0040851	-1.2912	4.8733E-6
24.25000	5.92167	-4.10000	-1.4020	-4.2979	-0.0038728	-1.2230	4.6157E-6
24.83333	5.92167	-4.10000	-1.3287	-4.2979	-0.0036071	-1.1457	4.3251E-6
25.41667	5.92167	-4.10000	-1.2536	-4.2979	-0.0032885	-1.0608	4.0049E-6
26.00000	5.92167	-4.10000	-1.1748	-4.2979	-0.0029233	-0.96938	3.6618E-6
26.58333	5.92167	-4.10000	-1.0947	-4.2979	-0.0025297	-0.87445	3.3057E-6
27.16667	5.92167	-4.10000	-1.0146	-4.2979	-0.0021316	-0.77919	2.9484E-6
27.75000	5.92167	-4.10000	-0.92966	-4.2979	-0.0017529	-0.68681	2.6018E-6
28.33333	5.92167	-4.10000	-0.85963	-4.2979	-0.0014098	-0.59998	2.2757E-6
28.91667	5.92167	-4.10000	-0.78688	-4.2979	-0.0011132	-0.52059	1.9771E-6
29.50000	5.92167	-4.10000	-0.71832	-4.2979	-865.36E-6	-0.44970	1.7101E-6
30.08333	5.92167	-4.10000	-0.65439	-4.2979	-664.69E-6	-0.38762	1.4759E-6
30.66667	5.92167	-4.10000	-0.59127	-4.2979	-506.50E-6	-0.33412	1.2707E-6
31.25000	5.92167	-4.10000	-0.54097	-4.2979	-384.55E-6	-0.28855	1.1012E-6
31.83333	5.92167	-4.10000	-0.49136	-4.2979	-292.12E-6	-0.25004	0.0
32.41667	5.92167	-4.10000	-0.44618	-4.2979	-222.84E-6	-0.21764	0.0
33.00000	5.92167	-4.10000	-0.40514	-4.2979	-171.19E-6	-0.19040	0.0
33.58333	5.92167	-4.10000	-0.36292	-4.2979	-132.72E-6	-0.16742	0.0
34.16667	5.92167	-4.10000	-0.33417	-4.2979	-103.96E-6	-0.14810	0.0
34.75000	5.92167	-4.10000	-0.30358	-4.2979	-82.321E-6	-0.13166	0.0
35.33333	5.92167	-4.10000	-0.27587	-4.2979	-65.905E-6	-0.11763	0.0
35.91667	5.92167	-4.10000	-0.25073	-4.2979	-53.326E-6	-0.10560	0.0
36.50000	5.92167	-4.10000	-0.22794	-4.2979	-43.588E-6	-0.095207	0.0
37.08333	5.92167	-4.10000	-0.20725	-4.2979	-35.967E-6	-0.086190	0.0
37.66667	5.92167	-4.10000	-0.18847	-4.2979	-29.941E-6	-0.078320	0.0
38.25000	5.92167	-4.10000	-0.17140	-4.2979	-25.127E-6	-0.071416	0.0
38.83333	5.92167	-4.10000	-0.15589	-4.2979	-21.244E-6	-0.065329	0.0
39.41667	5.92167	-4.10000	-0.14119	-4.2979	-18.084E-6	-0.059938	0.0
40.00000	5.92167	-4.10000	-0.12895	-4.2979	-15.491E-6	-0.055143	0.0
5.00000	6.51383	-4.10000	-0.71899	-4.2979	-408.43E-6	-0.36360	1.3894E-6
5.58333	6.51383	-4.10000	-0.78370	-4.2979	-527.47E-6	-0.4	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
19.58333	6.51383	-4.10000	-2.0026	-4.2979	-0.0077136	-1.9970	7.5046E-6
20.16667	6.51383	-4.10000	-1.9760	-4.2979	-0.0077351	-1.9853	7.4591E-6
20.75000	6.51383	-4.10000	-1.9416	-4.2979	-0.0077190	-1.9643	7.3786E-6
21.33333	6.51383	-4.10000	-1.8995	-4.2979	-0.0076671	-1.9335	7.2613E-6
21.91667	6.51383	-4.10000	-1.8497	-4.2979	-0.0075789	-1.8925	7.1055E-6
22.50000	6.51383	-4.10000	-1.7921	-4.2979	-0.0074494	-1.8405	6.9089E-6
23.08333	6.51383	-4.10000	-1.7271	-4.2979	-0.0072679	-1.7768	6.6678E-6
23.66667	6.51383	-4.10000	-1.6549	-4.2979	-0.0070183	-1.7002	6.3788E-6
24.25000	6.51383	-4.10000	-1.5761	-4.2979	-0.0066803	-1.6097	6.0386E-6
24.83333	6.51383	-4.10000	-1.4913	-4.2979	-0.0062335	-1.5049	5.6458E-6
25.41667	6.51383	-4.10000	-1.3916	-4.2979	-0.0056666	-1.3866	5.2034E-6
26.00000	6.51383	-4.10000	-1.3085	-4.2979	-0.0049908	-1.2571	4.7211E-6
26.58333	6.51383	-4.10000	-1.2135	-4.2979	-0.0042469	-1.1212	4.2155E-6
27.16667	6.51383	-4.10000	-1.1187	-4.2979	-0.0034957	-0.98476	3.7078E-6
27.75000	6.51383	-4.10000	-1.0239	-4.2979	-0.0027945	-0.85353	3.2191E-6
28.33333	6.51383	-4.10000	-0.9260	-4.2979	-0.0021796	-0.73202	2.7659E-6
28.91667	6.51383	-4.10000	-0.85213	-4.2979	-0.0016646	-0.62303	2.3584E-6
29.50000	6.51383	-4.10000	-0.77328	-4.2979	-0.0012489	-0.52779	2.0016E-6
30.08333	6.51383	-4.10000	-0.70051	-4.2979	-924.30E-6	-0.44637	1.6959E-6
30.66667	6.51383	-4.10000	-0.63393	-4.2979	-678.26E-6	-0.37795	1.4384E-6
31.25000	6.51383	-4.10000	-0.57341	-4.2979	-496.38E-6	-0.32117	1.2411E-6
31.83333	6.51383	-4.10000	-0.51866	-4.2979	-364.33E-6	-0.27439	1.0472E-6
32.41667	6.51383	-4.10000	-0.46924	-4.2979	-269.45E-6	-0.23594	0.0
33.00000	6.51383	-4.10000	-0.42471	-4.2979	-201.48E-6	-0.20432	0.0
33.58333	6.51383	-4.10000	-0.38460	-4.2979	-152.63E-6	-0.17819	0.0
34.16667	6.51383	-4.10000	-0.34187	-4.2979	-117.27E-6	-0.15647	0.0
34.75000	6.51383	-4.10000	-0.31590	-4.2979	-91.38E-6	-0.13830	0.0
35.33333	6.51383	-4.10000	-0.28651	-4.2979	-72.208E-6	-0.12297	0.0
35.91667	6.51383	-4.10000	-0.25997	-4.2979	-57.803E-6	-0.10994	0.0
36.50000	6.51383	-4.10000	-0.23598	-4.2979	-46.833E-6	-0.098787	0.0
37.08333	6.51383	-4.10000	-0.21427	-4.2979	-38.367E-6	-0.089113	0.0
37.66667	6.51383	-4.10000	-0.19462	-4.2979	-31.748E-6	-0.080826	0.0
38.25000	6.51383	-4.10000	-0.17680	-4.2979	-26.511E-6	-0.073540	0.0
38.83333	6.51383	-4.10000	-0.16064	-4.2979	-22.320E-6	-0.067143	0.0
39.41667	6.51383	-4.10000	-0.14597	-4.2979	-18.932E-6	-0.061497	0.0
40.00000	6.51383	-4.10000	-0.13265	-4.2979	-16.16E-6	-0.056492	0.0
5.00000	7.10600	-4.10000	-0.76776	-4.2979	-498.50E-6	-0.40318	1.5396E-6
5.58333	7.10600	-4.10000	-0.83999	-4.2979	-660.46E-6	-0.46570	1.7764E-6
6.16667	7.10600	-4.10000	-0.91852	-4.2979	-888.25E-6	-0.54101	2.0608E-6
6.75000	7.10600	-4.10000	-1.00366	-4.2979	-0.0012124	-0.63201	2.4034E-6
7.33333	7.10600	-4.10000	-1.0954	-4.2979	-0.0016765	-0.74199	2.8158E-6
7.91667	7.10600	-4.10000	-1.1935	-4.2979	-0.0023376	-0.87411	3.3088E-6
8.50000	7.10600	-4.10000	-1.2975	-4.2979	-0.0032573	-1.0304	3.8889E-6
9.08333	7.10600	-4.10000	-1.4058	-4.2979	-0.0044714	-1.2100	4.5518E-6
9.66667	7.10600	-4.10000	-1.5163	-4.2979	-0.0059382	-1.4106	5.2755E-6
10.25000	7.10600	-4.10000	-1.6263	-4.2979	-0.0075089	-1.6098	6.0199E-6
10.83333	7.10600	-4.10000	-1.7326	-4.2979	-0.0089826	-1.8051	6.7372E-6
11.41667	7.10600	-4.10000	-1.8325	-4.2979	-0.010220	-1.9818	7.3883E-6
12.00000	7.10600	-4.10000	-1.9238	-4.2979	-0.011191	-2.1342	7.9521E-6
12.58333	7.10600	-4.10000	-2.00851	-4.2979	-0.011987	-2.2616	8.4214E-6
13.16667	7.10600	-4.10000	-2.0757	-4.2979	-0.012453	-2.3611	8.7961E-6
13.75000	7.10600	-4.10000	-2.1353	-4.2979	-0.012779	-2.4369	9.0799E-6
14.33333	7.10600	-4.10000	-2.1842	-4.2979	-0.012920	-2.4904	9.2825E-6
14.91667	7.10600	-4.10000	-2.2234	-4.2979	-0.012923	-2.5267	9.4221E-6
15.50000	7.10600	-4.10000	-2.2540	-4.2979	-0.012540	-2.5242	9.5242E-6
16.08333	7.10600	-4.10000	-2.2771	-4.2979	-0.012874	-2.5765	9.6150E-6
16.66667	7.10600	-4.10000	-2.2936	-4.2979	-0.012996	-2.6024	9.7118E-6
17.25000	7.10600	-4.10000	-2.3037	-4.2979	-0.013235	-2.6310	9.8163E-6
17.83333	7.10600	-4.10000	-2.3071	-4.2979	-0.013525	-2.6589	9.9169E-6
18.41667	7.10600	-4.10000	-2.3032	-4.2979	-0.013787	-2.6862	9.9976E-6
19.00000	7.10600	-4.10000	-2.2913	-4.2979	-0.014008	-2.6950	10.045E-6
19.58333	7.10600	-4.10000	-2.2710	-4.2979	-0.014139	-2.6970	10.049E-6
20.16667	7.10600	-4.10000	-2.2417	-4.2979	-0.014192	-2.6864	10.007E-6
20.75000	7.10600	-4.10000	-2.2034	-4.2979	-0.014175	-2.6627	9.9166E-6
21.33333	7.10600	-4.10000	-2.1560	-4.2979	-0.014150	-2.6259	9.7767E-6
21.91667	7.10600	-4.10000	-2.0993	-4.2979	-0.013980	-2.5756	9.5860E-6
22.50000	7.10600	-4.10000	-2.0335	-4.2979	-0.013800	-2.5107	9.3403E-6
23.08333	7.10600	-4.10000	-1.9586	-4.2979	-0.013540	-2.4294	9.0335E-6
23.66667	7.10600	-4.10000	-1.8749	-4.2979	-0.013161	-2.3292	8.6568E-6
24.25000	7.10600	-4.10000	-1.7827	-4.2979	-0.012609	-2.2073	8.2008E-6
24.83333	7.10600	-4.10000	-1.6827	-4.2979	-0.011817	-2.0613	7.6574E-6
25.41667	7.10600	-4.10000	-1.5761	-4.2979	-0.010725	-1.8905	7.0254E-6
26.00000	7.10600	-4.10000	-1.4646	-4.2979	-0.0093365	-1.6981	6.3172E-6
26.58333	7.10600	-4.10000	-1.3507	-4.2979	-0.0077586	-1.4926	5.5633E-6
27.16667	7.10600	-4.10000	-1.2370	-4.2979	-0.0061724	-1.2659	4.8042E-6
27.75000	7.10600	-4.10000	-1.1263	-4.2979	-0.0047566	-1.0908	4.0867E-6
28.33333	7.10600	-4.10000	-1.0208	-4.2979	-0.0035677	-0.91374	3.4329E-6
28.91667	7.10600	-4.10000	-0.92197	-4.2979	-0.0026153	-0.75887	2.8591E-6
29.50000	7.10600	-4.10000	-0.83085	-4.2979	-0.0018776	-0.62721	2.3696E-6
30.08333	7.10600	-4.10000	-0.74682	-4.2979	-0.0013258	-0.51795	1.9620E-6
30.66667	7.10600	-4.10000	-0.67282	-4.2979	-927.44E-6	-0.42900	1.6290E-6
31.25000	7.10600	-4.10000	-0.60549	-4.2979	-648.21E-6	-0.35754	1.3605E-6
31.83333	7.10600	-4.10000	-0.54526	-4.2979	-456.19E-6	-0.30046	1.1454E-6
32.41667	7.10600	-4.10000	-0.49145	-4.2979	-325.21E-6	-0.25487	0.0
33.00000	7.10600	-4.10000	-0.43338	-4.2979	-235.74E-6	-0.21929	0.0
33.58333	7.10600	-4.10000	-0.40041	-4.2979	-174.08E-6	-0.18871	0.0
34.16667	7.10600	-4.10000	-0.36194	-4.2979	-131.02E-6	-0.16455	0.0
34.75000	7.10600	-4.10000	-0.32744	-4.2979	-100.44E-6	-0.14461	0.0
35.33333	7.10600	-4.10000	-0.29646	-4.2979	-78.33E-6	-0.12799	0.0
35.91667	7.10600	-4.10000	-0.26858	-4.2979	-62.068E-6	-0.11408	0.0
36.50000	7.10600	-4.10000	-0.24346	-4.2979	-49.880E-6	-0.10212	0.0
37.08333	7.10600	-4.10000	-0.22080	-4.2979	-40.597E-6	-0.091938	0.0
37.66667	7.10600	-4.10000	-0.20032	-4.2979	-33.416E-6	-0.083146	0.0
38.25000	7.10600	-4.10000	-0.18181	-4.2979	-27.783E-6	-0.075504	0.0
38.83333	7.10600	-4.10000	-0.16504	-4.2979	-23.306E-6	-0.06891	0.0
39.41667	7.10600	-4.10000	-0.14985	-4.2979	-19.708E-6	-0.062938	0.0
40.00000	7.10600	-4.10000	-0.13607	-4.2979	-16.785E-6	-0.057738	0.0
5.00000	7.69817	-4.10000	-0.81751	-4.2979	-605.71E-6	-0.44626	1.7028E-6
5.58333	7.69817	-4.10000	-0.89790	-4.2979	-824.63E-6	-0.52172	1.9881E-6
6.16667	7.69817	-4.10000	-0.98616	-4.2979	-0.0011474	-0.61497	2.3394E-6
6.75000	7.69817	-4.10000	-1.0829	-4.2979	-0.0016346	-0.73127	2.7755E-6
7.33333	7.69817	-4.10000	-1.1886	-4.2979	-0.0023861	-0.87734	3.3202E-6
7.91667	7.69817	-4.10000	-1.3034	-4.2979	-0.0033601	-1.0613	4.0006E-6
8.50000	7.69817	-4.10000	-1.4270	-4.2979	-0.0053805	-1.2905	4.8421E-6
9.08333	7.69817	-4.10000	-1.5580	-4.2979	-0.0080726	-1.5699	5.8532E-6
9.66667	7.69817	-4.10000	-1.6935	-4.2979	-0.011641	-1.8899	7.0020E-6
10.25000	7.69817	-4.10000	-1.8291	-4.2979	-0.015605	-2.2258	8.2027E-6
10.83333	7.69817	-4.10000	-1.9598	-4.2979	-0.019181	-2.5438	9.3436E-6
11.41667	7.69817	-4.10000	-2.0814	-4.2979	-0.021917	-2.8203	10.344E-6
12.00000	7.69817	-4.10000	-2.1911	-4.2979	-0.023892	-3.0490	11.178E-6
12.58333	7.69817	-4.10000	-2.2874	-4.2979	-0.025353	-3.2329	11.852E-6
13.16667	7.69817	-4.10000	-2.3696	-4.2979	-0.026403	-3.3743	12.372E-6
13.75000	7.69817	-4.10000	-2.4375	-4.2979	-0.027008	-3.4738	12.741E-6
14.33333	7.69817	-4.10000	-2.4917	-4.2979	-0.027174	-3.5344	12.971E-6
14.91667	7.69817	-4.10000	-2.5338	-4.2979	-0.026895	-3.5648	13.094E-6
15.50000	7.69817	-4.10000	-2.5659	-4.2979	-0.026465	-3.5805	13.164E-6
16.08333	7.69817	-4.10000	-2.5904	-4.2979	-0.026240	-3.5997	13.243E-6
16.66667	7.69817	-4.10000	-2.6088	-4.2979	-0.026475	-3.6349	13.373E-6
17.25000	7.69817	-4.10000	-2.				



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m²]			
				Sum Princ [kN/m²]			
				Vert Strain [-]			
30.66667	7.69817	-4.10000	-0.71109	-4.2979	-0.0012988	-0.48828	1.8485E-6
31.25000	7.69817	-4.10000	-0.63640	-4.2979	-855.52E-6	-0.39740	1.5091E-6
31.83333	7.69817	-4.10000	-0.57047	-4.2979	-571.48E-6	-0.32762	1.2472E-6
32.41667	7.69817	-4.10000	-0.51223	-4.2979	-389.97E-6	-0.27376	1.0442E-6
33.00000	7.69817	-4.10000	-0.46070	-4.2979	-272.89E-6	-0.23178	0.0
33.58333	7.69817	-4.10000	-0.41498	-4.2979	-196.02E-6	-0.19660	0.0
34.16667	7.69817	-4.10000	-0.37430	-4.2979	-144.42E-6	-0.17201	0.0
34.75000	7.69817	-4.10000	-0.33800	-4.2979	-108.94E-6	-0.15038	0.0
35.33333	7.69817	-4.10000	-0.30554	-4.2979	-83.935E-6	-0.13255	0.0
35.91667	7.69817	-4.10000	-0.27643	-4.2979	-65.890E-6	-0.11768	0.0
36.50000	7.69817	-4.10000	-0.25028	-4.2979	-52.579E-6	-0.10512	0.0
37.08333	7.69817	-4.10000	-0.22674	-4.2979	-42.559E-6	-0.094430	0.0
37.66667	7.69817	-4.10000	-0.20552	-4.2979	-34.881E-6	-0.085238	0.0
38.25000	7.69817	-4.10000	-0.18636	-4.2979	-28.900E-6	-0.077276	0.0
38.83333	7.69817	-4.10000	-0.16904	-4.2979	-24.174E-6	-0.070332	0.0
39.41667	7.69817	-4.10000	-0.15337	-4.2979	-20.393E-6	-0.064239	0.0
40.00000	7.69817	-4.10000	-0.13918	-4.2979	-17.332E-6	-0.058864	0.0
5.00000	8.29033	-4.10000	-0.86762	-4.2979	-730.03E-6	-0.49235	1.8773E-6
5.58333	8.29033	-4.10000	-0.95671	-4.2979	-0.0010219	-0.58286	2.2187E-6
6.16667	8.29033	-4.10000	-1.0556	-4.2979	-0.0014736	-0.69776	2.6504E-6
6.75000	8.29033	-4.10000	-1.1653	-4.2979	-0.0022007	-0.84611	3.2043E-6
7.33333	8.29033	-4.10000	-1.2870	-4.2979	-0.0034226	-1.0411	3.9260E-6
7.91667	8.29033	-4.10000	-1.4217	-4.2979	-0.0055658	-1.3015	4.8784E-6
8.50000	8.29033	-4.10000	-1.5701	-4.2979	-0.0094377	-1.6524	6.1392E-6
9.08333	8.29033	-4.10000	-1.7313	-4.2979	-0.016323	-2.1130	7.7751E-6
9.66667	8.29033	-4.10000	-1.9017	-4.2979	-0.027189	-2.7010	9.7636E-6
10.25000	8.29033	-4.10000	-2.0742	-4.2979	-0.040252	-3.3350	11.901E-6
10.83333	8.29033	-4.10000	-2.2392	-4.2979	-0.051163	-3.9132	13.874E-6
11.41667	8.29033	-4.10000	-2.3898	-4.2979	-0.058054	-4.3756	15.493E-6
12.00000	8.29033	-4.10000	-2.5231	-4.2979	-0.062361	-4.7334	16.770E-6
12.58333	8.29033	-4.10000	-2.6391	-4.2979	-0.065711	-5.0085	17.773E-6
13.16667	8.29033	-4.10000	-2.7344	-4.2979	-0.068374	-5.2298	18.542E-6
13.75000	8.29033	-4.10000	-2.8115	-4.2979	-0.069892	-5.3691	19.042E-6
14.33333	8.29033	-4.10000	-2.8704	-4.2979	-0.069976	-5.4315	19.280E-6
14.91667	8.29033	-4.10000	-2.9133	-4.2979	-0.068661	-5.4303	19.306E-6
15.50000	8.29033	-4.10000	-2.9445	-4.2979	-0.06527	-5.3994	19.238E-6
16.08333	8.29033	-4.10000	-2.9689	-4.2979	-0.065042	-5.3910	19.238E-6
16.66667	8.29033	-4.10000	-2.9896	-4.2979	-0.065623	-5.4444	19.430E-6
17.25000	8.29033	-4.10000	-3.0067	-4.2979	-0.067913	-5.5508	19.787E-6
17.83333	8.29033	-4.10000	-3.0136	-4.2979	-0.070447	-5.6684	20.185E-6
18.41667	8.29033	-4.10000	-3.0192	-4.2979	-0.072392	-5.7680	20.519E-6
19.00000	8.29033	-4.10000	-3.0098	-4.2979	-0.073655	-5.8339	20.743E-6
19.58333	8.29033	-4.10000	-2.9881	-4.2979	-0.074338	-5.8649	20.847E-6
20.16667	8.29033	-4.10000	-2.9537	-4.2979	-0.074470	-5.8620	20.833E-6
20.75000	8.29033	-4.10000	-2.9065	-4.2979	-0.07438	-5.8287	20.712E-6
21.33333	8.29033	-4.10000	-2.8465	-4.2979	-0.073697	-5.7714	20.502E-6
21.91667	8.29033	-4.10000	-2.7737	-4.2979	-0.073407	-5.6941	20.212E-6
22.50000	8.29033	-4.10000	-2.6880	-4.2979	-0.073186	-5.5940	19.831E-6
23.08333	8.29033	-4.10000	-2.5889	-4.2979	-0.072841	-5.4637	19.338E-6
23.66667	8.29033	-4.10000	-2.4760	-4.2979	-0.072149	-5.3027	18.696E-6
24.25000	8.29033	-4.10000	-2.3488	-4.2979	-0.070744	-5.0656	17.855E-6
24.83333	8.29033	-4.10000	-2.2071	-4.2979	-0.067891	-4.7591	16.742E-6
25.41667	8.29033	-4.10000	-2.0511	-4.2979	-0.062227	-4.3433	15.273E-6
26.00000	8.29033	-4.10000	-1.8829	-4.2979	-0.052283	-3.8010	13.416E-6
26.58333	8.29033	-4.10000	-1.7077	-4.2979	-0.038909	-3.1722	11.301E-6
27.16667	8.29033	-4.10000	-1.5337	-4.2979	-0.026914	-2.5422	9.2051E-6
27.75000	8.29033	-4.10000	-1.3679	-4.2979	-0.018210	-2.0184	7.3446E-6
28.33333	8.29033	-4.10000	-1.2145	-4.2979	-0.012303	-1.5762	5.7797E-6
28.91667	8.29033	-4.10000	-1.0754	-4.2979	-0.0080918	-1.2171	4.4955E-6
29.50000	8.29033	-4.10000	-0.95141	-4.2979	-0.0055141	-0.9326	3.4716E-6
30.08333	8.29033	-4.10000	-0.84244	-4.2979	-0.0031003	-0.71638	2.6844E-6
30.66667	8.29033	-4.10000	-0.74751	-4.2979	-0.0018664	-0.55633	2.0972E-6
31.25000	8.29033	-4.10000	-0.66508	-4.2979	-0.0011369	-0.43972	1.6654E-6
31.83333	8.29033	-4.10000	-0.59343	-4.2979	-711.44E-6	-0.35456	1.3476E-6
32.41667	8.29033	-4.10000	-0.53093	-4.2979	-461.11E-6	-0.28139	1.1109E-6
33.00000	8.29033	-4.10000	-0.47615	-4.2979	-310.29E-6	-0.24397	0.0
33.58333	8.29033	-4.10000	-0.42791	-4.2979	-216.55E-6	-0.20732	0.0
34.16667	8.29033	-4.10000	-0.38525	-4.2979	-156.27E-6	-0.17848	0.0
34.75000	8.29033	-4.10000	-0.34736	-4.2979	-116.15E-6	-0.15535	0.0
35.33333	8.29033	-4.10000	-0.31358	-4.2979	-88.555E-6	-0.13358	0.0
35.91667	8.29033	-4.10000	-0.28339	-4.2979	-69.001E-6	-0.12084	0.0
36.50000	8.29033	-4.10000	-0.25632	-4.2979	-54.766E-6	-0.10772	0.0
37.08333	8.29033	-4.10000	-0.23201	-4.2979	-44.155E-6	-0.096593	0.0
37.66667	8.29033	-4.10000	-0.21013	-4.2979	-36.080E-6	-0.087060	0.0
38.25000	8.29033	-4.10000	-0.19041	-4.2979	-29.823E-6	-0.078825	0.0
38.83333	8.29033	-4.10000	-0.17260	-4.2979	-24.898E-6	-0.071659	0.0
39.41667	8.29033	-4.10000	-0.15651	-4.2979	-20.969E-6	-0.065384	0.0
40.00000	8.29033	-4.10000	-0.14195	-4.2979	-17.797E-6	-0.059857	0.0
5.00000	8.88250	-4.10000	-0.91729	-4.2979	-869.28E-6	-0.54059	2.0596E-6
5.58333	8.88250	-4.10000	-1.0155	-4.2979	-0.001249	-0.6480	2.4641E-6
6.16667	8.88250	-4.10000	-1.1256	-4.2979	-0.0018673	-0.78809	2.9887E-6
6.75000	8.88250	-4.10000	-1.2494	-4.2979	-0.0029265	-0.97549	3.6853E-6
7.33333	8.88250	-4.10000	-1.3890	-4.2979	-0.0048754	-1.2341	4.6352E-6
7.91667	8.88250	-4.10000	-1.5472	-4.2979	-0.0087819	-1.6046	5.9704E-6
8.50000	8.88250	-4.10000	-1.7266	-4.2979	-0.017426	-2.1579	7.8994E-6
9.08333	8.88250	-4.10000	-1.9292	-4.2979	-0.038126	-3.0101	10.700E-6
9.66667	8.88250	-4.10000	-2.1530	-4.2979	-0.084889	-4.2770	14.494E-6
10.25000	8.88250	-4.10000	-2.3847	-4.2979	-0.15371	-5.7963	18.751E-6
10.83333	8.88250	-4.10000	-2.6020	-4.2979	-0.20240	-7.0599	22.488E-6
11.41667	8.88250	-4.10000	-2.7921	-4.2979	-0.22241	-7.8807	25.213E-6
12.00000	8.88250	-4.10000	-2.9552	-4.2979	-0.23196	-8.4598	27.191E-6
12.58333	8.88250	-4.10000	-3.0943	-4.2979	-0.24253	-8.9376	28.786E-6
13.16667	8.88250	-4.10000	-3.2089	-4.2979	-0.25301	-9.3234	30.028E-6
13.75000	8.88250	-4.10000	-3.2969	-4.2979	-0.25907	-9.5548	30.778E-6
14.33333	8.88250	-4.10000	-3.3597	-4.2979	-0.25979	-9.6093	30.973E-6
14.91667	8.88250	-4.10000	-3.3979	-4.2979	-0.25430	-9.4979	30.670E-6
15.50000	8.88250	-4.10000	-3.4219	-4.2979	-0.24261	-9.2834	30.114E-6
16.08333	8.88250	-4.10000	-3.4417	-4.2979	-0.23147	-9.1387	29.815E-6
16.66667	8.88250	-4.10000	-3.4660	-4.2979	-0.23333	-9.2436	30.175E-6
17.25000	8.88250	-4.10000	-3.4928	-4.2979	-0.21428	-9.5979	31.039E-6
17.83333	8.88250	-4.10000	-3.5140	-4.2979	-0.25580	-9.8412	31.956E-6
18.41667	8.88250	-4.10000	-3.5232	-4.2979	-0.26242	-10.064	32.659E-6
19.00000	8.88250	-4.10000	-3.5178	-4.2979	-0.26645	-10.204	33.106E-6
19.58333	8.88250	-4.10000	-3.4969	-4.2979	-0.26897	-10.274	33.322E-6
20.16667	8.88250	-4.10000	-3.4600	-4.2979	-0.26878	-10.277	33.332E-6
20.75000	8.88250	-4.10000	-3.4074	-4.2979	-0.26534	-10.215	33.172E-6
21.33333	8.88250	-4.10000	-3.3397	-4.2979	-0.26220	-10.123	32.892E-6
21.91667	8.88250	-4.10000	-3.2574	-4.2979	-0.26189	-10.026	32.528E-6
22.50000	8.88250	-4.10000	-3.1600	-4.2979	-0.26266	-9.9106	32.064E-6
23.08333	8.88250	-4.10000	-3.0464	-4.2979	-0.26345	-9.7564	31.453E-6
23.66667	8.88250	-4.10000	-2.9157	-4.2979	-0.26371	-9.5439	30.629E-6
24.25000	8.88250	-4.10000	-2.7664	-4.2979	-0.26259	-9.2424	29.495E-6
24.83333	8.88250	-4.10000	-2.5967	-4.2979	-0.25785	-8.7936	27.878E-6
25.41667	8.88250	-4.10000	-2.4141	-4.2979	-0.24255	-8.0811	25.493E-6
26.00000	8.88250	-4.10000	-2.1879	-4.2979	-0.20030	-6.9439	22.091E-6
26.58333	8.88250	-4.10000	-1.9560	-4.2979	-0.12890	-5.4417	17.960E-6
27.16667	8.88250	-4.10000	-1.7278	-4.2979	-0.072293	-4.0575	13.941E-6
27.75000	8.88250	-4.10000	-1.5171	-4.2979	-0.043937	-3.0280	10.635E-6
28.33333	8.88250	-4.10000	-1.3293	-4.2979	-0.028338	-2.25	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Z[Level] [m]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
	6.16667	9.47467	-4.10000	-1.1947	-4.2979	-0.0023142	-0.88317	3.3442E-6
	6.75000	9.47467	-4.10000	-1.3333	-4.2979	-0.0037918	-1.1153	4.2033E-6
	7.33333	9.47467	-4.10000	-1.4924	-4.2979	-0.0067449	-1.4512	5.4273E-6
	7.91667	9.47467	-4.10000	-1.6769	-4.2979	-0.013488	-1.9682	7.2606E-6
	8.50000	9.47467	-4.10000	-1.8938	-4.2979	-0.032164	-2.8379	10.175E-6
	9.08333	9.47467	-4.10000	-2.1536	-4.2979	-0.10085	-4.5002	14.993E-6
	9.66667	9.47467	-4.10000	-2.4692	-4.2979	-0.44300	-8.1555	21.149E-6
	10.25000	9.47467	-4.10000	-2.8231	-4.2979	-1.3902	-14.239	22.689E-6
	10.83333	9.47467	-4.10000	-3.1314	-4.2979	-1.8078	-18.064	27.764E-6
	11.41667	9.47467	-4.10000	-3.3728	-4.2979	-1.8721	-19.549	31.994E-6
	12.00000	9.47467	-4.10000	-3.5705	-4.2979	-1.8884	-20.371	34.730E-6
	12.58333	9.47467	-4.10000	-3.7436	-4.2979	-1.9670	-21.446	37.103E-6
	13.16667	9.47467	-4.10000	-3.8869	-4.2979	-2.0557	-22.483	39.044E-6
	13.75000	9.47467	-4.10000	-3.9899	-4.2979	-2.1034	-23.034	40.064E-6
	14.33333	9.47467	-4.10000	-4.0520	-4.2979	-2.1257	-23.109	39.835E-6
	14.91667	9.47467	-4.10000	-4.0774	-4.2979	-2.1179	-22.677	38.352E-6
	15.50000	9.47467	-4.10000	-4.0761	-4.2979	-2.0396	-21.653	36.221E-6
	16.08333	9.47467	-4.10000	-4.0761	-4.2979	-1.8712	-20.601	36.064E-6
	16.66667	9.47467	-4.10000	-4.1090	-4.2979	-1.8577	-20.930	37.640E-6
	17.25000	9.47467	-4.10000	-4.1629	-4.2979	-1.9758	-22.155	39.625E-6
	17.83333	9.47467	-4.10000	-4.2070	-4.2979	-2.0451	-21.561E-6	
	18.41667	9.47467	-4.10000	-4.2304	-4.2979	-2.0852	-23.624	42.753E-6
	19.00000	9.47467	-4.10000	-4.2324	-4.2979	-2.1159	-23.957	43.324E-6
	19.58333	9.47467	-4.10000	-4.2137	-4.2979	-2.1423	-24.150	43.456E-6
	20.16667	9.47467	-4.10000	-4.1746	-4.2979	-2.1541	-24.180	43.301E-6
	20.75000	9.47467	-4.10000	-4.1388	-4.2979	-2.0696	-23.808E-6	
	21.33333	9.47467	-4.10000	-4.0360	-4.2979	-2.0109	-23.571	44.264E-6
	21.91667	9.47467	-4.10000	-3.9435	-4.2979	-2.0256	-23.487	43.601E-6
	22.50000	9.47467	-4.10000	-3.8338	-4.2979	-2.0483	-23.416	42.804E-6
	23.08333	9.47467	-4.10000	-3.7047	-4.2979	-2.0718	-23.289	41.811E-6
	23.66667	9.47467	-4.10000	-3.5543	-4.2979	-2.0949	-23.140	40.518E-6
	24.25000	9.47467	-4.10000	-3.3802	-4.2979	-2.1160	-22.772	38.763E-6
	24.83333	9.47467	-4.10000	-3.1782	-4.2979	-2.1297	-22.191	36.213E-6
	25.41667	9.47467	-4.10000	-2.9394	-4.2979	-2.1057	-20.994	32.160E-6
	26.00000	9.47467	-4.10000	-2.6460	-4.2979	-1.8125	-17.895	27.017E-6
	26.58333	9.47467	-4.10000	-2.2979	-4.2979	-0.76493	-11.720	27.433E-6
	27.16667	9.47467	-4.10000	-1.9722	-4.2979	-0.24575	-7.2919	22.380E-6
	27.75000	9.47467	-4.10000	-1.6963	-4.2979	-0.13668	-5.1070	16.492E-6
	28.33333	9.47467	-4.10000	-1.4565	-4.2979	-0.089011	-3.6410	11.953E-6
	28.91667	9.47467	-4.10000	-1.2472	-4.2979	-0.048705	-2.4472	8.2532E-6
	29.50000	9.47467	-4.10000	-1.0702	-4.2979	-0.021809	-1.5743	5.5532E-6
	30.08333	9.47467	-4.10000	-0.92526	-4.2979	-0.0091995	-1.0298	3.7495E-6
	30.66667	9.47467	-4.10000	-0.80712	-4.2979	-0.0040496	-0.70951	2.6361E-6
	31.25000	9.47467	-4.10000	-0.70978	-4.2979	-0.0019375	-0.51771	1.9470E-6
	31.83333	9.47467	-4.10000	-0.62929	-4.2979	-0.0010139	-0.39709	1.5039E-6
	32.41667	9.47467	-4.10000	-0.55900	-4.2979	-584.21E-6	-0.31664	1.2046E-6
	33.00000	9.47467	-4.10000	-0.49933	-4.2979	-362.92E-6	-0.26016	0.0
	33.58333	9.47467	-4.10000	-0.44741	-4.2979	-240.83E-6	-0.21862	0.0
	34.16667	9.47467	-4.10000	-0.40186	-4.2979	-168.58E-6	-0.18689	0.0
	34.75000	9.47467	-4.10000	-0.36165	-4.2979	-123.11E-6	-0.16165	0.0
	35.33333	9.47467	-4.10000	-0.32596	-4.2979	-92.946E-6	-0.14179	0.0
	35.91667	9.47467	-4.10000	-0.29417	-4.2979	-72.042E-6	-0.12524	0.0
	36.50000	9.47467	-4.10000	-0.26575	-4.2979	-57.023E-6	-0.11142	0.0
	37.08333	9.47467	-4.10000	-0.24027	-4.2979	-45.908E-6	-0.099742	0.0
	37.66667	9.47467	-4.10000	-0.21739	-4.2979	-37.480E-6	-0.089761	0.0
	38.25000	9.47467	-4.10000	-0.19680	-4.2979	-30.962E-6	-0.081157	0.0
	38.83333	9.47467	-4.10000	-0.17824	-4.2979	-25.834E-6	-0.073682	0.0
	39.41667	9.47467	-4.10000	-0.16149	-4.2979	-21.744E-6	-0.067147	0.0
	40.00000	9.47467	-4.10000	-0.14635	-4.2979	-18.442E-6	-0.061398	0.0
	5.00000	10.65900	-4.10000	-1.01116	-4.2979	-0.0001708	-0.63804	2.4280E-6
	5.58333	10.65900	-4.10000	-1.1280	-4.2979	-0.0017588	-0.78224	2.9688E-6
	6.16667	10.65900	-4.10000	-1.2612	-4.2979	-0.0027837	-0.97884	3.7014E-6
	6.75000	10.65900	-4.10000	-1.4146	-4.2979	-0.0047246	-1.2582	4.7315E-6
	7.33333	10.65900	-4.10000	-1.5934	-4.2979	-0.0088464	-1.6782	6.2522E-6
	7.91667	10.65900	-4.10000	-1.7965	-4.2979	-0.019195	-3.6498E-6	
	8.50000	10.65900	-4.10000	-2.0636	-4.2979	-0.053121	-3.6378	12.769E-6
	9.08333	10.65900	-4.10000	-2.3937	-4.2979	-0.23436	-6.6435	20.148E-6
	9.66667	10.65900	-4.10000	-2.8728	-4.2979	-3.1301	-18.648	0.0
	10.25000	10.65900	-4.10000	-3.7801	-4.2979	-42.194	-69.012	-708.46E-6
	10.83333	10.65900	-4.10000	-4.2608	-4.2979	-46.828	-82.828	-762.28E-6
	11.41667	10.65900	-4.10000	-4.5470	-4.2979	-46.751	-83.920	-756.29E-6
	12.00000	10.65900	-4.10000	-4.7606	-4.2979	-45.835	-82.700	-739.85E-6
	12.58333	10.65900	-4.10000	-5.0059	-4.2979	-47.725	-87.892	-763.49E-6
	13.16667	10.65900	-4.10000	-5.2189	-4.2979	-49.501	-93.218	-783.98E-6
	13.75000	10.65900	-4.10000	-5.3465	-4.2979	-50.377	-94.876	-789.52E-6
	14.33333	10.65900	-4.10000	-5.4064	-4.2979	-50.394	-95.164	-797.12E-6
	14.91667	10.65900	-4.10000	-5.4009	-4.2979	-50.620	-93.916	-807.14E-6
	15.50000	10.65900	-4.10000	-5.3154	-4.2979	-49.416	-87.868	-802.61E-6
	16.08333	10.65900	-4.10000	-5.2076	-4.2979	-44.703	-77.922	-732.09E-6
	16.66667	10.65900	-4.10000	-5.2903	-4.2979	-45.710	-82.398	-738.11E-6
	17.25000	10.65900	-4.10000	-5.4486	-4.2979	-48.506	-90.921	-769.87E-6
	17.83333	10.65900	-4.10000	-5.5423	-4.2979	-49.156	-93.904	-773.40E-6
	18.41667	10.65900	-4.10000	-5.5898	-4.2979	-49.590	-95.279	-778.11E-6
	19.00000	10.65900	-4.10000	-5.6040	-4.2979	-49.989	-96.131	-784.06E-6
	19.58333	10.65900	-4.10000	-5.5909	-4.2979	-50.379	-96.736	-790.68E-6
	20.16667	10.65900	-4.10000	-5.5522	-4.2979	-50.719	-97.050	-797.37E-6
	20.75000	10.65900	-4.10000	-5.4685	-4.2979	-48.914	-95.204	-762.81E-6
	21.33333	10.65900	-4.10000	-5.3741	-4.2979	-48.134	-94.099	-749.05E-6
	21.91667	10.65900	-4.10000	-5.2738	-4.2979	-48.513	-94.312	-756.97E-6
	22.50000	10.65900	-4.10000	-5.1533	-4.2979	-48.907	-94.566	-765.10E-6
	23.08333	10.65900	-4.10000	-5.0094	-4.2979	-49.300	-94.754	-773.44E-6
	23.66667	10.65900	-4.10000	-4.8393	-4.2979	-49.688	-94.828	-782.12E-6
	24.25000	10.65900	-4.10000	-4.6397	-4.2979	-50.071	-94.718	-791.37E-6
	24.83333	10.65900	-4.10000	-4.4046	-4.2979	-50.440	-94.260	-801.65E-6
	25.41667	10.65900	-4.10000	-4.1189	-4.2979	-50.719	-92.833	-814.31E-6
	26.00000	10.65900	-4.10000	-3.7162	-4.2979	-49.144	-84.737	-808.38E-6
	26.58333	10.65900	-4.10000	-2.8306	-4.2979	-8.2925	-34.157	-60.007E-6
	27.16667	10.65900	-4.10000	-2.2956	-4.2979	-1.1233	-15.491	33.666E-6
	27.75000	10.65900	-4.10000	-1.9344	-4.2979	-0.76255	-11.066	24.970E-6
	28.33333	10.65900	-4.10000	-1.6683	-4.2979	-0.55139	-7.8541	17.481E-6
	28.91667	10.65900	-4.10000	-1.3444	-4.2979	-0.22031	-4.4063	11.866E-6
	29.50000	10.65900	-4.10000	-1.1209	-4.2979	-0.058189	-2.2179	7.1895E-6
	30.08333	10.65900	-4.10000	-0.95308	-4.2979	-0.016600	-1.2256	4.3317E-6
	30.66667	10.65900	-4.10000	-0.82441	-4.2979	-0.0056701	-0.76968	2.8302E-6
	31.25000	10.65900	-4.10000	-0.72202	-4.2979	-0.0023078	-0.53674	2.0116E-6
	31.83333	10.65900	-4.10000	-0.63784	-4.2979	-0.0010977	-0.40344	1.5267E-6
	32.41667	10.65900	-4.10000	-0.56693	-4.2979	-596.03E-6	-0.31926	1.2145E-6
	33.00000	10.65900	-4.10000	-0.50614	-4.2979	-360.28E-6	-0.26172	0.0
	33.58333	10.65900	-4.10000	-0.45337	-4.2979	-236.66E-6	-0.21993	0.0
	34.16667	10.65900	-4.10000	-0.40712	-4.2979	-165.50E-6	-0.18815	0.0
	34.75000	10.65900	-4.10000	-0.36630	-4.2979	-121.25E-6	-0.16315	0.0
	35.33333	10.65900	-4.10000	-0.33009	-4.2979	-91.963E-6	-0.14297	0.0
	35.91667	10.65900	-4.10000	-0.29783	-4.2979	-71.613E-6	-0.12635	0.0
	36.50000	10.65900	-4.10000	-0.26903	-4.2979	-56.916E-6	-0.11245	0.0
	37.08333	10.65900	-4.10000	-0.24316	-4.2979	-45.973E-6	-0.10067	0.0
	37.66667	10.65						



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
17.25000	10.65900	-4.10000	-6.2913	-4.2979	-63.469	-124.98	-984.22E-6
17.83333	10.65900	-4.10000	-6.4448	-4.2979	-64.249	-130.57	-980.73E-6
18.41667	10.65900	-4.10000	-6.5104	-4.2979	-64.341	-132.13	-976.84E-6
19.00000	10.65900	-4.10000	-6.5280	-4.2979	-64.370	-132.75	-975.11E-6
19.58333	10.65900	-4.10000	-6.5114	-4.2979	-64.385	-133.02	-974.44E-6
20.16667	10.65900	-4.10000	-6.4664	-4.2979	-64.389	-133.07	-974.34E-6
20.75000	10.65900	-4.10000	-6.3951	-4.2979	-64.352	-132.86	-974.28E-6
21.33333	10.65900	-4.10000	-6.3010	-4.2979	-64.325	-132.62	-974.57E-6
21.91667	10.65900	-4.10000	-6.1850	-4.2979	-64.330	-132.46	-975.32E-6
22.50000	10.65900	-4.10000	-6.0439	-4.2979	-64.341	-132.26	-976.31E-6
23.08333	10.65900	-4.10000	-5.8740	-4.2979	-64.350	-131.36	-977.70E-6
23.66667	10.65900	-4.10000	-5.6718	-4.2979	-64.358	-131.50	-979.64E-6
24.25000	10.65900	-4.10000	-5.4335	-4.2979	-64.361	-130.80	-982.41E-6
24.83333	10.65900	-4.10000	-5.1537	-4.2979	-64.356	-129.71	-986.49E-6
25.41667	10.65900	-4.10000	-4.8216	-4.2979	-64.409	-127.95	-994.48E-6
26.00000	10.65900	-4.10000	-4.4381	-4.2979	-69.409	-126.21	-0.0011166
26.58333	10.65900	-4.10000	-3.5996	-4.2979	-39.844	-84.170	-595.89E-6
27.16667	10.65900	-4.10000	-2.8530	-4.2979	-17.443	-52.057	-202.37E-6
27.75000	10.65900	-4.10000	-2.4158	-4.2979	-16.951	-45.566	-215.98E-6
28.33333	10.65900	-4.10000	-1.9905	-4.2979	-15.009	-35.992	-207.98E-6
28.91667	10.65900	-4.10000	-1.5979	-4.2979	-11.8711	-10.897	-1.2678E-6
29.50000	10.65900	-4.10000	-1.1500	-4.2979	-0.15124	-3.1007	8.4378E-6
30.08333	10.65900	-4.10000	-0.96154	-4.2979	-0.025739	-1.3469	4.5874E-6
30.66667	10.65900	-4.10000	-0.82812	-4.2979	-0.0066624	-0.77160	2.8147E-6
31.25000	10.65900	-4.10000	-0.72494	-4.2979	-0.0023182	-0.52359	1.9608E-6
31.83333	10.65900	-4.10000	-0.64086	-4.2979	-0.0010108	-0.34059	1.4868E-6
32.41667	10.65900	-4.10000	-0.57012	-4.2979	-538.73E-6	-0.31234	1.1892E-6
33.00000	10.65900	-4.10000	-0.50941	-4.2979	-326.22E-6	-0.25776	0.0
33.58333	10.65900	-4.10000	-0.45658	-4.2979	-217.48E-6	-0.21787	0.0
34.16667	10.65900	-4.10000	-0.41020	-4.2979	-154.86E-6	-0.18726	0.0
34.75000	10.65900	-4.10000	-0.36849	-4.2979	-115.38E-6	-0.16283	0.0
35.33333	10.65900	-4.10000	-0.33277	-4.2979	-88.745E-6	-0.14313	0.0
35.91667	10.65900	-4.10000	-0.30028	-4.2979	-69.873E-6	-0.12671	0.0
36.50000	10.65900	-4.10000	-0.27123	-4.2979	-56.002E-6	-0.11291	0.0
37.08333	10.65900	-4.10000	-0.24518	-4.2979	-45.524E-6	-0.10117	0.0
37.66667	10.65900	-4.10000	-0.22177	-4.2979	-37.440E-6	-0.091095	0.0
38.25000	10.65900	-4.10000	-0.20071	-4.2979	-31.097E-6	-0.082383	0.0
38.83333	10.65900	-4.10000	-0.18172	-4.2979	-26.051E-6	-0.074798	0.0
39.41667	10.65900	-4.10000	-0.16459	-4.2979	-21.990E-6	-0.068154	0.0
40.00000	10.65900	-4.10000	-0.14912	-4.2979	-18.688E-6	-0.062305	0.0
5.00000	11.25117	-4.10000	-1.0923	-4.2979	-0.0014502	-0.72597	2.7594E-6
5.58333	11.25117	-4.10000	-1.2250	-4.2979	-0.0022306	-0.90383	3.4256E-6
6.16667	11.25117	-4.10000	-1.3787	-4.2979	-0.0036312	-1.1524	4.3496E-6
6.75000	11.25117	-4.10000	-1.5587	-4.2979	-0.0063760	-1.5162	5.6857E-6
7.33333	11.25117	-4.10000	-1.7727	-4.2979	-0.012447	-2.0853	7.7263E-6
7.91667	11.25117	-4.10000	-2.0330	-4.2979	-0.024349	-3.0495	11.077E-6
8.50000	11.25117	-4.10000	-2.3610	-4.2979	-0.082723	-4.9429	17.106E-6
9.08333	11.25117	-4.10000	-2.8004	-4.2979	-0.37789	-9.6436	28.377E-6
9.66667	11.25117	-4.10000	-3.4743	-4.2979	-4.7336	-28.427	0.0
10.25000	11.25117	-4.10000	-4.1303	-4.2979	-56.610E-6	-99.635	-918.61E-6
10.83333	11.25117	-4.10000	-5.3050	-4.2979	-94.026	-111.19	-819.30E-6
11.41667	11.25117	-4.10000	-5.6594	-4.2979	-51.550	-110.08	-766.42E-6
12.00000	11.25117	-4.10000	-5.8456	-4.2979	-40.179	-100.52	-540.73E-6
12.58333	11.25117	-4.10000	-6.2744	-4.2979	-53.526	-118.55	-799.46E-6
13.16667	11.25117	-4.10000	-6.6245	-4.2979	-63.739	-134.51	-953.80E-6
13.75000	11.25117	-4.10000	-6.7591	-4.2979	-64.022	-136.41	-953.00E-6
14.33333	11.25117	-4.10000	-6.7827	-4.2979	-63.982	-135.62	-955.14E-6
14.91667	11.25117	-4.10000	-6.6795	-4.2979	-63.454	-130.80	-961.51E-6
15.50000	11.25117	-4.10000	-6.2799	-4.2979	-50.143	-101.04	-768.73E-6
16.08333	11.25117	-4.10000	-5.6234	-4.2979	-44.029	-84.466	-604.46E-6
16.66667	11.25117	-4.10000	-6.0877	-4.2979	-34.845	-82.795	-485.79E-6
17.25000	11.25117	-4.10000	-6.6849	-4.2979	-62.968	-128.18	-960.36E-6
17.83333	11.25117	-4.10000	-6.8791	-4.2979	-63.945	-135.39	-955.18E-6
18.41667	11.25117	-4.10000	-6.9596	-4.2979	-64.052	-137.33	-950.16E-6
19.00000	11.25117	-4.10000	-6.9537	-4.2979	-64.075	-137.63	-948.01E-6
19.58333	11.25117	-4.10000	-6.9609	-4.2979	-64.081	-138.28	-947.20E-6
20.16667	11.25117	-4.10000	-6.9109	-4.2979	-64.082	-138.32	-947.05E-6
20.75000	11.25117	-4.10000	-6.8345	-4.2979	-64.080	-138.25	-947.29E-6
21.33333	11.25117	-4.10000	-6.7328	-4.2979	-64.078	-138.10	-947.80E-6
21.91667	11.25117	-4.10000	-6.6043	-4.2979	-64.079	-137.98	-948.59E-6
22.50000	11.25117	-4.10000	-6.4452	-4.2979	-64.076	-137.58	-949.77E-6
23.08333	11.25117	-4.10000	-6.2503	-4.2979	-64.073	-137.10	-951.52E-6
23.66667	11.25117	-4.10000	-6.0145	-4.2979	-64.066	-136.39	-954.11E-6
24.25000	11.25117	-4.10000	-5.7330	-4.2979	-64.053	-135.33	-957.87E-6
24.83333	11.25117	-4.10000	-5.4024	-4.2979	-64.024	-134.29	-963.29E-6
25.41667	11.25117	-4.10000	-5.0179	-4.2979	-64.033	-131.53	-972.03E-6
26.00000	11.25117	-4.10000	-4.5715	-4.2979	-64.946	-128.12	-0.0010062
26.58333	11.25117	-4.10000	-4.0170	-4.2979	-63.233	-118.68	-0.0010030
27.16667	11.25117	-4.10000	-3.4604	-4.2979	-64.348	-109.34	-0.0010647
27.75000	11.25117	-4.10000	-2.9548	-4.2979	-62.540	-100.45	-0.0010010
28.33333	11.25117	-4.10000	-2.4932	-4.2979	-63.422	-88.125	-0.0011249
28.91667	11.25117	-4.10000	-1.4847	-4.2979	-4.9657	-17.535	-47.163E-6
29.50000	11.25117	-4.10000	-1.1218	-4.2979	-0.20644	-3.1128	7.2100E-6
30.08333	11.25117	-4.10000	-0.94021	-4.2979	-0.024298	-1.1648	3.9203E-6
30.66667	11.25117	-4.10000	-0.81518	-4.2979	-0.0050961	-0.66984	4.4362E-6
31.25000	11.25117	-4.10000	-0.71771	-4.2979	-0.0016161	-0.46609	1.7558E-6
31.83333	11.25117	-4.10000	-0.63719	-4.2979	-712.03E-6	-0.36177	1.3753E-6
32.41667	11.25117	-4.10000	-0.56863	-4.2979	-398.20E-6	-0.29551	1.1277E-6
33.00000	11.25117	-4.10000	-0.50920	-4.2979	-258.88E-6	-0.24844	0.0
33.58333	11.25117	-4.10000	-0.45713	-4.2979	-183.79E-6	-0.21251	-949.15E-6
34.16667	11.25117	-4.10000	-0.41116	-4.2979	-137.39E-6	-0.18439	0.0
34.75000	11.25117	-4.10000	-0.37036	-4.2979	-106.06E-6	-0.16140	0.0
35.33333	11.25117	-4.10000	-0.33402	-4.2979	-83.659E-6	-0.14237	0.0
35.91667	11.25117	-4.10000	-0.30154	-4.2979	-67.052E-6	-0.12640	0.0
36.50000	11.25117	-4.10000	-0.27244	-4.2979	-54.423E-6	-0.11285	-955.94E-6
37.08333	11.25117	-4.10000	-0.24632	-4.2979	-44.640E-6	-0.10125	0.0
37.66667	11.25117	-4.10000	-0.22284	-4.2979	-36.950E-6	-0.091259	0.0
38.25000	11.25117	-4.10000	-0.20169	-4.2979	-30.833E-6	-0.082585	0.0
38.83333	11.25117	-4.10000	-0.18262	-4.2979	-25.918E-6	-0.075014	0.0
39.41667	11.25117	-4.10000	-0.16541	-4.2979	-21.931E-6	-0.06872	0.0
40.00000	11.25117	-4.10000	-0.14986	-4.2979	-18.673E-6	-0.062515	0.0
5.00000	11.84333	-4.10000	-1.1251	-4.2979	-0.0015635	-0.76230	2.8966E-6
5.58333	11.84333	-4.10000	-1.2644	-4.2979	-0.0024161	-0.95362	3.6129E-6
6.16667	11.84333	-4.10000	-1.4264	-4.2979	-0.0039492	-1.2222	4.6109E-6
6.75000	11.84333	-4.10000	-1.6168	-4.2979	-0.0069521	-1.6168	-0.0595E-6
7.33333	11.84333	-4.10000	-1.8442	-4.2979	-0.013554	-2.2327	8.2767E-6
7.91667	11.84333	-4.10000	-2.1218	-4.2979	-0.030653	-3.2807	11.914E-6
8.50000	11.84333	-4.10000	-2.4722	-4.2979	-0.087697	-5.3123	18.413E-6
9.08333	11.84333	-4.10000	-2.9403	-4.2979	-0.38674	-10.234	30.442E-6
9.66667	11.84333	-4.10000	-3.6478	-4.2979	-4.6752	-29.207	4.4469E-6
10.25000	11.84333	-4.10000	-4.9423	-4.2979	-56.279	-100.77	-911.40E-6
10.83333	11.84333	-4.10000	-5.5671	-4.2979	-54.174	-113.63	-813.36E-6
11.41667	11.84333	-4.10000	-6.0475	-4.2979	-57.017	-121.75	-847.72E-6
12.00000	11.84333	-4.10000	-6.4938	-4.2979	-62.998	-131.13	-849.15E-6
12.58333	11.84333	-4.10000	-6.7512	-4.2979	-63.610	-135.29	-847.83E-6
13.16667	11.84333	-4.10000	-6.9631	-4.2979	-64.025	-138.14	-946.41E-6
13.75000	11.84333	-4.10000	-7.0734	-4.2979	-64.089	-138.83	-945.27E-6
14.33333	11.84333	-4.10000	-7.0777	-4.2979	-64.028	-137.67	-948.29E-6
14.91667	11.84333	-4.10000	-6.9462	-4.297			



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
28.33333	11.84333	-4.10000	-1.4781	-4.2979	-7.4148	-10.273	-131.63E-6
28.91667	11.84333	-4.10000	-1.1871	-4.2979	-0.59001	-2.8593	-2.6190E-6
29.50000	11.84333	-4.10000	-1.0128	-4.2979	-0.022535	-0.88725	2.8932E-6
30.08333	11.84333	-4.10000	-0.88785	-4.2979	-0.0014317	-0.55962	2.1199E-6
30.66667	11.84333	-4.10000	-0.78702	-4.2979	-178.48E-6	-0.44143	1.6941E-6
31.25000	11.84333	-4.10000	-0.70166	-4.2979	-180.84E-6	-0.36932	1.4168E-6
31.83333	11.84333	-4.10000	-0.62778	-4.2979	-204.59E-6	-0.31499	1.2071E-6
32.41667	11.84333	-4.10000	-0.56305	-4.2979	-193.75E-6	-0.27124	1.0390E-6
33.00000	11.84333	-4.10000	-0.50593	-4.2979	-168.37E-6	-0.23521	0.0
33.58333	11.84333	-4.10000	-0.45527	-4.2979	-140.77E-6	-0.20521	0.0
34.16667	11.84333	-4.10000	-0.41017	-4.2979	-115.78E-6	-0.18006	0.0
34.75000	11.84333	-4.10000	-0.36992	-4.2979	-94.697E-6	-0.15885	0.0
35.33333	11.84333	-4.10000	-0.33391	-4.2979	-77.466E-6	-0.14086	0.0
35.91667	11.84333	-4.10000	-0.30164	-4.2979	-63.571E-6	-0.12550	0.0
36.50000	11.84333	-4.10000	-0.27267	-4.2979	-52.417E-6	-0.11233	0.0
37.08333	11.84333	-4.10000	-0.24662	-4.2979	-43.459E-6	-0.10097	0.0
37.66667	11.84333	-4.10000	-0.22317	-4.2979	-36.244E-6	-0.091116	0.0
38.25000	11.84333	-4.10000	-0.20203	-4.2979	-30.406E-6	-0.082531	0.0
38.83333	11.84333	-4.10000	-0.18296	-4.2979	-25.658E-6	-0.075015	0.0
39.41667	11.84333	-4.10000	-0.16574	-4.2979	-21.773E-6	-0.068405	0.0
40.00000	11.84333	-4.10000	-0.15017	-4.2979	-18.577E-6	-0.062568	0.0
5.00000	12.43550	-4.10000	-1.1519	-4.2979	-0.0016537	-0.79213	3.0092E-6
5.58333	12.43550	-4.10000	-1.2966	-4.2979	-0.0025594	-0.99400	3.7649E-6
6.16667	12.43550	-4.10000	-1.4651	-4.2979	-0.0041836	-1.2777	4.8190E-6
6.75000	12.43550	-4.10000	-1.6636	-4.2979	-0.0073479	-1.6943	6.3487E-6
7.33333	12.43550	-4.10000	-1.9421	-4.2979	-0.014210	-2.3427	8.6841E-6
7.91667	12.43550	-4.10000	-2.1909	-4.2979	-0.031855	-3.4384	12.492E-6
8.50000	12.43550	-4.10000	-2.5560	-4.2979	-0.089614	-5.5365	19.231E-6
9.08333	12.43550	-4.10000	-3.0408	-4.2979	-0.38741	-10.533	31.581E-6
9.66667	12.43550	-4.10000	-3.7653	-4.2979	-4.6013	-29.460	7.1250E-6
10.25000	12.43550	-4.10000	-4.0783	-4.2979	-56.131	-101.09	-905.75E-6
10.83333	12.43550	-4.10000	-5.7280	-4.2979	-54.219	-114.60	-810.65E-6
11.41667	12.43550	-4.10000	-6.2415	-4.2979	-57.343	-124.12	-846.11E-6
12.00000	12.43550	-4.10000	-6.6834	-4.2979	-63.733	-135.22	-950.94E-6
12.58333	12.43550	-4.10000	-6.9379	-4.2979	-64.034	-138.8	-946.54E-6
13.16667	12.43550	-4.10000	-6.1607	-4.2979	-64.100	-139.54	-942.76E-6
13.75000	12.43550	-4.10000	-7.2586	-4.2979	-64.111	-139.81	-942.01E-6
14.33333	12.43550	-4.10000	-7.2475	-4.2979	-64.041	-138.46	-945.57E-6
14.91667	12.43550	-4.10000	-7.0930	-4.2979	-63.474	-132.86	-954.00E-6
15.50000	12.43550	-4.10000	-6.6301	-4.2979	-50.069	-101.90	-763.72E-6
16.08333	12.43550	-4.10000	-5.9253	-4.2979	-4.3886	-42.967	64.000E-6
16.66667	12.43550	-4.10000	-6.3833	-4.2979	-34.746	-83.245	-481.77E-6
17.25000	12.43550	-4.10000	-6.9989	-4.2979	-62.972	-129.71	-954.56E-6
17.83333	12.43550	-4.10000	-7.2065	-4.2979	-63.993	-137.58	-947.83E-6
18.41667	12.43550	-4.10000	-7.2849	-4.2979	-64.209	-139.72	-942.27E-6
19.00000	12.43550	-4.10000	-7.2886	-4.2979	-64.125	-140.29	-940.48E-6
19.58333	12.43550	-4.10000	-7.2437	-4.2979	-64.116	-140.22	-940.53E-6
20.16667	12.43550	-4.10000	-7.1696	-4.2979	-64.104	-139.99	-941.12E-6
20.75000	12.43550	-4.10000	-7.0770	-4.2979	-64.105	-139.88	-941.57E-6
21.33333	12.43550	-4.10000	-6.9613	-4.2979	-64.103	-139.78	-942.07E-6
21.91667	12.43550	-4.10000	-6.8123	-4.2979	-64.106	-139.51	-943.03E-6
22.50000	12.43550	-4.10000	-6.6218	-4.2979	-64.106	-139.10	-944.59E-6
23.08333	12.43550	-4.10000	-6.3750	-4.2979	-64.106	-138.38	-947.36E-6
23.66667	12.43550	-4.10000	-6.0500	-4.2979	-64.081	-136.87	-952.62E-6
24.25000	12.43550	-4.10000	-5.4591	-4.2979	-63.999	-133.99	-961.80E-6
24.83333	12.43550	-4.10000	-5.1072	-4.2979	-63.783	-129.03	-975.89E-6
25.41667	12.43550	-4.10000	-4.4797	-4.2979	-62.919	-119.76	-991.62E-6
26.00000	12.43550	-4.10000	-3.7431	-4.2979	-59.987	-101.63	-993.69E-6
26.58333	12.43550	-4.10000	-2.9378	-4.2979	-53.202	-76.679	-933.05E-6
27.16667	12.43550	-4.10000	-2.4322	-4.2979	-20.282	-23.558	-777.50E-6
27.75000	12.43550	-4.10000	-0.34467	-4.2979	65.247	92.966	0.0011484
28.33333	12.43550	-4.10000	-0.29874	-4.2979	52.185	75.269	914.99E-6
28.91667	12.43550	-4.10000	-0.81704	-4.2979	4.2986	14.380	43.901E-6
29.50000	12.43550	-4.10000	-0.87473	-4.2979	0.20249	1.8445	-2.4219E-6
30.08333	12.43550	-4.10000	-0.82575	-4.2979	0.025875	0.62279	-0.0015702
30.66667	12.43550	-4.10000	-0.75101	-4.2979	0.0055869	-0.18627	0.0
31.25000	12.43550	-4.10000	-0.68045	-4.2979	0.0014235	-0.26148	1.0388E-6
31.83333	12.43550	-4.10000	-0.61460	-4.2979	340.39E-6	-0.26370	1.0223E-6
32.41667	12.43550	-4.10000	-0.55455	-4.2979	19.075E-6	-0.24473	0.0
33.00000	12.43550	-4.10000	-0.50027	-4.2979	-76.280E-6	-0.22008	-0.0000000
33.58333	12.43550	-4.10000	-0.45141	-4.2979	-97.639E-6	-0.19678	0.0
34.16667	12.43550	-4.10000	-0.40750	-4.2979	-94.239E-6	-0.17499	0.0
34.75000	12.43550	-4.10000	-0.36803	-4.2979	-83.350E-6	-0.15570	0.0
35.33333	12.43550	-4.10000	-0.33256	-4.2979	-71.208E-6	-0.13884	0.0
35.91667	12.43550	-4.10000	-0.30566	-4.2979	-59.979E-6	-0.12419	0.0
36.50000	12.43550	-4.10000	-0.27196	-4.2979	-50.281E-6	-0.11145	0.0
37.08333	12.43550	-4.10000	-0.24610	-4.2979	-42.149E-6	-0.10037	0.0
37.66667	12.43550	-4.10000	-0.22278	-4.2979	-35.418E-6	-0.090703	0.0
38.25000	12.43550	-4.10000	-0.20175	-4.2979	-29.872E-6	-0.082244	0.0
38.83333	12.43550	-4.10000	-0.18559	-4.2979	-25.305E-6	-0.074875	0.0
39.41667	12.43550	-4.10000	-0.16559	-4.2979	-21.536E-6	-0.068264	0.0
40.00000	12.43550	-4.10000	-0.15006	-4.2979	-18.414E-6	-0.062469	0.0
5.00000	13.02767	-4.10000	-1.1721	-4.2979	-0.0017204	-0.81488	3.0952E-6
5.58333	13.02767	-4.10000	-1.3207	-4.2979	-0.0026612	-1.0243	3.8794E-6
6.16667	13.02767	-4.10000	-1.4940	-4.2979	-0.0043410	-1.2197	4.9723E-6
6.75000	13.02767	-4.10000	-1.6983	-4.2979	-0.0075919	-1.7493	6.5546E-6
7.33333	13.02767	-4.10000	-1.9424	-4.2979	-0.014611	-2.4166	8.9595E-6
7.91667	13.02767	-4.10000	-2.2401	-4.2979	-0.032360	-3.5353	12.854E-6
8.50000	13.02767	-4.10000	-2.6135	-4.2979	-0.089975	-5.6559	19.682E-6
9.08333	13.02767	-4.10000	-3.0262	-4.2979	-0.38466	-10.656	32.093E-6
9.66667	13.02767	-4.10000	-3.8352	-4.2979	-4.5214	-29.395	8.7188E-6
10.25000	13.02767	-4.10000	-5.1486	-4.2979	-55.962	-100.82	-903.88E-6
10.83333	13.02767	-4.10000	-5.7935	-4.2979	-54.180	-114.22	-811.22E-6
11.41667	13.02767	-4.10000	-6.2910	-4.2979	-57.236	-123.04	-847.82E-6
12.00000	13.02767	-4.10000	-6.5266	-4.2979	-63.529	-133.22	-953.22E-6
12.58333	13.02767	-4.10000	-7.0190	-4.2979	-63.912	-136.99	-948.26E-6
13.16667	13.02767	-4.10000	-7.2316	-4.2979	-64.060	-139.17	-943.27E-6
13.75000	13.02767	-4.10000	-7.3364	-4.2979	-64.102	-139.82	-941.72E-6
14.33333	13.02767	-4.10000	-7.3147	-4.2979	-64.035	-138.48	-945.36E-6
14.91667	13.02767	-4.10000	-7.1341	-4.2979	-63.456	-132.98	-954.66E-6
15.50000	13.02767	-4.10000	-6.6361	-4.2979	-50.026	-101.13	-765.69E-6
16.08333	13.02767	-4.10000	-5.9008	-4.2979	-4.3267	-41.829	61.050E-6
16.66667	13.02767	-4.10000	-6.3440	-4.2979	-34.694	-82.162	-484.73E-6
17.25000	13.02767	-4.10000	-6.9558	-4.2979	-62.943	-128.92	-856.92E-6
17.83333	13.02767	-4.10000	-7.1579	-4.2979	-63.976	-136.97	-949.80E-6
18.41667	13.02767	-4.10000	-7.2212	-4.2979	-64.088	-139.00	-944.56E-6
19.00000	13.02767	-4.10000	-7.1957	-4.2979	-64.067	-139.01	-944.05E-6
19.58333	13.02767	-4.10000	-7.1081	-4.2979	-63.939	-137.73	-946.04E-6
20.16667	13.02767	-4.10000	-6.9995	-4.2979	-63.803	-136.42	-947.92E-6
20.75000	13.02767	-4.10000	-6.9047	-4.2979	-63.866	-136.63	-948.57E-6
21.33333	13.02767	-4.10000	-6.7955	-4.2979	-63.939	-137.03	-948.73E-6
21.91667	13.02767	-4.10000	-6.6388	-4.2979	-63.865	-136.41	-949.38E-6
22.50000	13.02767	-4.10000	-6.4431	-4.2979	-63.878	-136.14	-950.71E-6
23.08333	13.02767	-4.10000	-6.1874	-4.2979	-63.981	-136.69	-853.57E-6
23.66667	13.02767	-4.10000	-5.8093	-4.2979	-63.979	-135.08	-960.97E-6
24.25000	13.02767	-4.10000	-5.2579	-4.2979	-63.677	-128.18	-976.72E-6
24.83333	13.02767	-4.10000	-4.5173	-4.2979	-62.629	-115.88	-999.85E-6
25.41667	13.02767	-4.10000	-3.5943	-4.2979	-57.600	-90.259	-982.32E-6
26.00000	13.02767	-4.10000	-1.9163	-4.2979	24		



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
39.41667	13.02767	-4.10000	-0.16496	-4.2979	-21.240E-6	-0.067960	0.0
40.00000	13.02767	-4.10000	-0.14953	-4.2979	-18.198E-6	-0.062227	0.0
5.00000	13.61983	-4.10000	-1.1854	-4.2979	-0.0017643	-0.83032	3.1536E-6
5.58333	13.61983	-4.10000	-1.3365	-4.2979	-0.0027255	-1.0446	3.9559E-6
6.16667	13.61983	-4.10000	-1.5128	-4.2979	-0.0044338	-1.3451	5.0724E-6
6.75000	13.61983	-4.10000	-1.7206	-4.2979	-0.0077139	-1.7837	6.6840E-6
7.33333	13.61983	-4.10000	-1.9686	-4.2979	-0.014764	-2.4597	9.1219E-6
7.91667	13.61983	-4.10000	-2.2702	-4.2979	-0.032447	-3.5854	13.044E-6
8.50000	13.61983	-4.10000	-2.6471	-4.2979	-0.089506	-5.7018	19.869E-6
9.08333	13.61983	-4.10000	-3.1410	-4.2979	-0.38017	-10.648	32.187E-6
9.66667	13.61983	-4.10000	-3.8652	-4.2979	-4.4380	-29.138	9.5791E-6
10.25000	13.61983	-4.10000	-5.1638	-4.2979	-55.768	-100.05	-902.36E-6
10.83333	13.61983	-4.10000	-5.7694	-4.2979	-53.977	-112.13	-814.55E-6
11.41667	13.61983	-4.10000	-6.1621	-4.2979	-55.453	-114.45	-839.68E-6
12.00000	13.61983	-4.10000	-6.4918	-4.2979	-59.084	-117.00	-813.70E-6
12.58333	13.61983	-4.10000	-6.8616	-4.2979	-61.498	-126.52	-932.78E-6
13.16667	13.61983	-4.10000	-7.1845	-4.2979	-63.772	-136.50	-946.91E-6
13.75000	13.61983	-4.10000	-7.3260	-4.2979	-64.060	-139.08	-943.63E-6
14.33333	13.61983	-4.10000	-7.2964	-4.2979	-64.010	-137.89	-947.03E-6
14.91667	13.61983	-4.10000	-7.0746	-4.2979	-63.374	-131.22	-958.01E-6
15.50000	13.61983	-4.10000	-6.5054	-4.2979	-49.724	-97.764	-771.65E-6
16.08333	13.61983	-4.10000	-5.7056	-4.2979	-3.7788	-36.605	53.601E-6
16.66667	13.61983	-4.10000	-6.1393	-4.2979	-34.305	-77.798	-492.56E-6
17.25000	13.61983	-4.10000	-6.7684	-4.2979	-62.808	-126.37	-963.64E-6
17.83333	13.61983	-4.10000	-6.8720	-4.2979	-63.919	-135.25	-955.46E-6
18.41667	13.61983	-4.10000	-7.0144	-4.2979	-64.025	-137.04	-950.68E-6
19.00000	13.61983	-4.10000	-6.9362	-4.2979	-63.834	-135.48	-952.26E-6
19.58333	13.61983	-4.10000	-6.7227	-4.2979	-61.592	-126.53	-934.91E-6
20.16667	13.61983	-4.10000	-6.4712	-4.2979	-56.794	-113.76	-873.32E-6
20.75000	13.61983	-4.10000	-6.4430	-4.2979	-59.899	-120.91	-917.49E-6
21.33333	13.61983	-4.10000	-6.1739	-4.2979	-62.771	-128.19	-955.74E-6
21.91667	13.61983	-4.10000	-6.1836	-4.2979	-58.588	-119.09	-894.20E-6
22.50000	13.61983	-4.10000	-6.0007	-4.2979	-58.738	-119.50	-896.08E-6
23.08333	13.61983	-4.10000	-5.8458	-4.2979	-63.217	-129.86	-959.63E-6
23.66667	13.61983	-4.10000	-5.4381	-4.2979	-63.742	-129.25	-874.10E-6
24.25000	13.61983	-4.10000	-5.6733	-4.2979	-62.298	-115.23	-894.71E-6
24.83333	13.61983	-4.10000	-3.2897	-4.2979	-39.883	-55.739	-706.18E-6
25.41667	13.61983	-4.10000	-1.7961	-4.2979	-12.900	15.424	-357.10E-6
26.00000	13.61983	-4.10000	-0.28571	-4.2979	-61.384	104.67	0.0010142
26.58333	13.61983	-4.10000	-0.22567	-4.2979	-60.485	78.677	639.67E-6
27.16667	13.61983	-4.10000	-0.18404	-4.2979	37.484	67.089	607.13E-6
27.75000	13.61983	-4.10000	-0.11347	-4.2979	37.508	64.808	616.46E-6
28.33333	13.61983	-4.10000	-0.20840	-4.2979	33.165	52.043	565.33E-6
28.91667	13.61983	-4.10000	-0.63452	-4.2979	2.8054	12.179	17.903E-6
29.50000	13.61983	-4.10000	-0.15739	-4.2979	-0.18287	2.5379	-5.5385E-6
30.08333	13.61983	-4.10000	-0.73070	-4.2979	0.032848	0.61071	-1.5913E-6
30.66667	13.61983	-4.10000	-0.69135	-4.2979	0.0084766	0.042524	0.0
31.25000	13.61983	-4.10000	-0.64012	-4.2979	0.0025597	-0.14370	0.0
31.83333	13.61983	-4.10000	-0.58635	-4.2979	803.17E-6	-0.20005	0.0
32.41667	13.61983	-4.10000	-0.53407	-4.2979	220.44E-6	-0.2081	0.0
33.00000	13.61983	-4.10000	-0.48498	-4.2979	17.793E-6	-0.19864	0.0
33.58333	13.61983	-4.10000	-0.43969	-4.2979	-50.524E-6	-0.18282	0.0
34.16667	13.61983	-4.10000	-0.39832	-4.2979	-69.050E-6	-0.16572	0.0
34.75000	13.61983	-4.10000	-0.36073	-4.2979	-69.055E-6	-0.14930	0.0
35.33333	13.61983	-4.10000	-0.32666	-4.2979	-62.653E-6	-0.13428	0.0
35.91667	13.61983	-4.10000	-0.29583	-4.2979	-54.616E-6	-0.12084	0.0
36.50000	13.61983	-4.10000	-0.26796	-4.2979	-46.781E-6	-0.10894	0.0
37.08333	13.61983	-4.10000	-0.24277	-4.2979	-39.786E-6	-0.098453	0.0
37.66667	13.61983	-4.10000	-0.21999	-4.2979	-33.776E-6	-0.089213	0.0
38.25000	13.61983	-4.10000	-0.19939	-4.2979	-28.703E-6	-0.08108	0.0
38.83333	13.61983	-4.10000	-0.18075	-4.2979	-24.454E-6	-0.073874	0.0
39.41667	13.61983	-4.10000	-0.16387	-4.2979	-20.905E-6	-0.067505	0.0
40.00000	13.61983	-4.10000	-0.14859	-4.2979	-17.940E-6	-0.061849	0.0
5.00000	14.21200	-4.10000	-1.1915	-4.2979	-0.0017876	-0.83849	3.1845E-6
5.58333	14.21200	-4.10000	-1.3428	-4.2979	-0.0027575	-1.0527	4.9957E-6
6.16667	14.21200	-4.10000	-1.5214	-4.2979	-0.0044752	-1.3584	5.1228E-6
6.75000	14.21200	-4.10000	-1.7306	-4.2979	-0.0077648	-1.8000	6.7455E-6
7.33333	14.21200	-4.10000	-1.9800	-4.2979	-0.014782	-2.4778	9.1913E-6
7.91667	14.21200	-4.10000	-2.2826	-4.2979	-0.032314	-3.6010	13.107E-6
8.50000	14.21200	-4.10000	-2.6593	-4.2979	-0.086671	-5.7004	19.883E-6
9.08333	14.21200	-4.10000	-3.1504	-4.2979	-0.37511	-10.580	32.045E-6
9.66667	14.21200	-4.10000	-3.8652	-4.2979	-4.3544	-28.749	10.089E-6
10.25000	14.21200	-4.10000	-5.1420	-4.2979	-55.561	-99.083	-901.31E-6
10.83333	14.21200	-4.10000	-5.6874	-4.2979	-53.525	-108.69	-817.39E-6
11.41667	14.21200	-4.10000	-6.1208	-4.2979	-53.988	-108.69	-817.39E-6
12.00000	14.21200	-4.10000	-5.3489	-4.2979	-22.304	-17.325	581.49E-6
12.58333	14.21200	-4.10000	-6.2432	-4.2979	-25.790	-76.322	-301.68E-6
13.16667	14.21200	-4.10000	-7.0567	-4.2979	-63.008	-131.64	-947.95E-6
13.75000	14.21200	-4.10000	-7.2564	-4.2979	-63.999	-137.99	-946.41E-6
14.33333	14.21200	-4.10000	-7.2156	-4.2979	-63.999	-136.95	-949.70E-6
14.91667	14.21200	-4.10000	-6.9261	-4.2979	-63.074	-128.19	-962.75E-6
15.50000	14.21200	-4.10000	-6.1533	-4.2979	-44.855	-81.495	-721.85E-6
16.08333	14.21200	-4.10000	-5.0762	-4.2979	-1.9144	284.45E-6	0.0
16.66667	14.21200	-4.10000	-5.6148	-4.2979	-25.725	-53.623	-387.52E-6
17.25000	14.21200	-4.10000	-6.1671	-4.2979	-62.617	-119.89	-973.77E-6
17.83333	14.21200	-4.10000	-6.6386	-4.2979	-63.741	-131.33	-966.05E-6
18.41667	14.21200	-4.10000	-6.6579	-4.2979	-63.859	-133.18	-961.69E-6
19.00000	14.21200	-4.10000	-6.5171	-4.2979	-63.345	-129.39	-964.40E-6
19.58333	14.21200	-4.10000	-6.0101	-4.2979	-45.923	-94.646	-695.91E-6
20.16667	14.21200	-4.10000	-5.0495	-4.2979	-16.725	-545.23E-6	0.0
20.75000	14.21200	-4.10000	-5.4648	-4.2979	-21.335	-65.960	-238.71E-6
21.33333	14.21200	-4.10000	-5.8635	-4.2979	-59.192	-112.29	-934.29E-6
21.91667	14.21200	-4.10000	-5.1022	-4.2979	-2.2958	-50.217	140.20E-6
22.50000	14.21200	-4.10000	-4.9594	-4.2979	-3.5237	-52.593	-120.99E-6
23.08333	14.21200	-4.10000	-4.7929	-4.2979	-60.741	-119.22	-943.41E-6
23.66667	14.21200	-4.10000	-5.0182	-4.2979	-63.441	-123.76	-988.27E-6
24.25000	14.21200	-4.10000	-4.0168	-4.2979	-60.047	-98.613	-0.0010067
24.83333	14.21200	-4.10000	-1.2786	-4.2979	51.552	76.628	895.16E-6
25.41667	14.21200	-4.10000	1.4167	-4.2979	169.68	255.43	0.0029339
26.00000	14.21200	-4.10000	1.7916	-4.2979	244.19	400.69	0.0026929
26.58333	14.21200	-4.10000	0.096523	-4.2979	17.821	69.680	143.30E-6
27.16667	14.21200	-4.10000	-0.43078	-4.2979	2.5877	23.268	-29.782E-6
27.75000	14.21200	-4.10000	-0.56622	-4.2979	1.9737	15.214	-12.972E-6
28.33333	14.21200	-4.10000	-0.64038	-4.2979	1.5177	10.326	-4.6906E-6
28.91667	14.21200	-4.10000	-0.71248	-4.2979	0.43145	4.4412	-7.1269E-6
29.50000	14.21200	-4.10000	-0.73676	-4.2979	0.078611	1.4209	-3.6517E-6
30.08333	14.21200	-4.10000	-0.71746	-4.2979	0.019456	0.36311	0.0
30.66667	14.21200	-4.10000	-0.67631	-4.2979	0.0058018	-0.020414	0.0
31.25000	14.21200	-4.10000	-0.62640	-4.2979	0.0018771	-0.15836	0.0
31.83333	14.21200	-4.10000	-0.57455	-4.2979	599.18E-6	-0.20087	0.0
32.41667	14.21200	-4.10000	-0.52410	-4.2979	153.38E-6	-0.20529	0.0
33.00000	14.21200	-4.10000	-0.47659	-4.2979	-4.9687E-6	-0.19482	0.0
33.58333	14.21200	-4.10000	-0.43263	-4.2979	-57.779E-6	-0.17922	0.0
34.16667	14.21200	-4.10000	-0.39206	-4.2979	-70.679E-6	-0.16260	0.0
34.75000	14.21200	-4.10000	-0.35568	-4.2979	-68.688E-6	-0.14689	0.0
35.33333	14.21200	-4.10000	-0.32236	-4.2979	-61.670E-6	-0.13212	0.0
35.91667	14.21200	-4.10000	-0.29217	-4.2979	-53.541E-6	-0.11906	0.0
36.50000	14.21200	-4.10000	-0.26482	-4.2979	-45.801E-6	-0.10747	0.0
37.08333	14.21200	-4.10000	-0.24007	-4.2979	-38.953E-6	-0.097226	0.0
37.66							



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m²]			
				Sum Princ [kN/m²]			
				Vert Strain [-]			
14.91667	14.80417	-4.10000	-6.7537	-4.2979	-62.706	-125.41	-964.94E-6
15.50000	14.80417	-4.10000	-5.6276	-4.2979	-25.544	-48.242	-404.04E-6
16.08333	14.80417	-4.10000	-3.6598	-4.2979	106.14	113.05	0.0020151
16.66667	14.80417	-4.10000	-4.6333	-4.2979	19.526	9.0837	415.77E-6
17.25000	14.80417	-4.10000	-5.8971	-4.2979	-60.343	-107.62	-978.84E-6
17.83333	14.80417	-4.10000	-6.1172	-4.2979	-62.622	-121.65	-977.47E-6
18.41667	14.80417	-4.10000	-6.1043	-4.2979	-62.740	-123.31	-973.82E-6
19.00000	14.80417	-4.10000	-5.9332	-4.2979	-62.242	-119.22	-978.08E-6
19.58333	14.80417	-4.10000	-5.4429	-4.2979	-48.161	-89.028	-769.19E-6
20.16667	14.80417	-4.10000	-4.6068	-4.2979	5.8286	-24.660	229.41E-6
20.75000	14.80417	-4.10000	-4.9816	-4.2979	-29.487	-66.455	-401.89E-6
21.33333	14.80417	-4.10000	-5.3847	-4.2979	-59.578	-107.70	-960.88E-6
21.91667	14.80417	-4.10000	-4.8085	-4.2979	-15.124	-60.273	-117.24E-6
22.50000	14.80417	-4.10000	-4.7077	-4.2979	-16.147	-63.174	-129.67E-6
23.08333	14.80417	-4.10000	-5.0626	-4.2979	-61.173	-117.23	-961.04E-6
23.66667	14.80417	-4.10000	-4.5511	-4.2979	-63.300	-120.99	-999.14E-6
24.25000	14.80417	-4.10000	-3.5376	-4.2979	-59.327	-90.147	-0.0010226
24.83333	14.80417	-4.10000	-0.53423	-4.2979	56.400	102.03	909.34E-6
25.41667	14.80417	-4.10000	2.3230	-4.2979	178.11	293.61	0.0029817
26.00000	14.80417	-4.10000	2.4926	-4.2979	163.08	271.11	0.0027213
26.58333	14.80417	-4.10000	0.4746	-4.2979	22.250	80.499	204.14E-6
27.16667	14.80417	-4.10000	-0.39835	-4.2979	1.3726	18.377	-39.015E-6
27.75000	14.80417	-4.10000	-0.66401	-4.2979	0.33263	6.9211	-18.948E-6
28.33333	14.80417	-4.10000	-0.75480	-4.2979	0.14991	3.1859	-8.7964E-6
28.91667	14.80417	-4.10000	-0.77549	-4.2979	0.03551	1.3616	-3.7714E-6
29.50000	14.80417	-4.10000	-0.58871	-4.2979	0.03361	0.02243	-1.1321E-6
30.08333	14.80417	-4.10000	-0.71989	-4.2979	0.0068536	0.0072749	0.0
30.66667	14.80417	-4.10000	-0.67038	-4.2979	0.0022488	-0.15661	0.0
31.25000	14.80417	-4.10000	-0.61738	-4.2979	717.78E-6	-0.21184	0.0
31.83333	14.80417	-4.10000	-0.56480	-4.2979	182.51E-6	-0.22130	0.0
32.41667	14.80417	-4.10000	-0.44800	-4.2979	-6.9101E-6	-0.12007	0.0
33.00000	14.80417	-4.10000	-0.46810	-4.2979	-69.499E-6	-0.19594	0.0
33.58333	14.80417	-4.10000	-0.42507	-4.2979	-84.339E-6	-0.17807	0.0
34.16667	14.80417	-4.10000	-0.38571	-4.2979	-81.511E-6	-0.16066	0.0
34.75000	14.80417	-4.10000	-0.34866	-4.2979	-72.823E-6	-0.14459	0.0
35.33333	14.80417	-4.10000	-0.31730	-4.2979	-62.929E-6	-0.13013	0.0
35.91667	14.80417	-4.10000	-0.28776	-4.2979	-53.591E-6	-0.11727	0.0
36.50000	14.80417	-4.10000	-0.26099	-4.2979	-45.381E-6	-0.10591	0.0
37.08333	14.80417	-4.10000	-0.23674	-4.2979	-38.388E-6	-0.09587	0.0
37.66667	14.80417	-4.10000	-0.21476	-4.2979	-32.521E-6	-0.087046	0.0
38.25000	14.80417	-4.10000	-0.19484	-4.2979	-27.629E-6	-0.079235	0.0
38.83333	14.80417	-4.10000	-0.17679	-4.2979	-23.557E-6	-0.072321	0.0
39.41667	14.80417	-4.10000	-0.16042	-4.2979	-20.165E-6	-0.066184	0.0
40.00000	14.80417	-4.10000	-0.14557	-4.2979	-17.332E-6	-0.060722	0.0
40.58333	15.39633	-4.10000	-1.1363	-4.2979	-0.0017784	-0.83356	3.1658E-6
41.16667	15.39633	-4.10000	-1.3329	-4.2979	-0.0027403	-1.0485	3.9704E-6
41.75000	15.39633	-4.10000	-1.5084	-4.2979	-0.0044406	-1.3490	5.0872E-6
42.33333	15.39633	-4.10000	-1.7149	-4.2979	-0.0076902	-1.7859	6.6929E-6
42.91667	15.39633	-4.10000	-1.9607	-4.2979	-0.014606	-2.4554	9.1089E-6
43.50000	15.39633	-4.10000	-2.2585	-4.2979	-0.031944	-3.5628	12.969E-6
44.08333	15.39633	-4.10000	-2.6286	-4.2979	-0.087109	-5.6264	19.634E-6
44.66667	15.39633	-4.10000	-3.1097	-4.2979	-0.36661	-10.411	31.590E-6
45.25000	15.39633	-4.10000	-3.8077	-4.2979	-4.2003	-28.151	11.345E-6
45.83333	15.39633	-4.10000	-5.0628	-4.2979	-55.205	-98.054	-897.06E-6
46.41667	15.39633	-4.10000	-5.5365	-4.2979	-53.585	-108.5	-821.04E-6
47.00000	15.39633	-4.10000	-5.7437	-4.2979	-48.270	-94.387	-751.09E-6
47.58333	15.39633	-4.10000	-5.7488	-4.2979	-33.343	-69.861	-500.87E-6
48.16667	15.39633	-4.10000	-6.3203	-4.2979	-49.552	-99.831	-759.74E-6
48.75000	15.39633	-4.10000	-6.8837	-4.2979	-63.212	-131.29	-954.03E-6
49.33333	15.39633	-4.10000	-7.0619	-4.2979	-63.987	-137.06	-949.03E-6
49.91667	15.39633	-4.10000	-6.9878	-4.2979	-63.967	-136.28	-952.24E-6
50.50000	15.39633	-4.10000	-6.6438	-4.2979	-63.091	-127.47	-965.90E-6
51.08333	15.39633	-4.10000	-5.7354	-4.2979	-41.037	-75.575	-655.79E-6
51.66667	15.39633	-4.10000	-4.1423	-4.2979	49.456	42.575	977.79E-6
52.25000	15.39633	-4.10000	-3.3703	-4.2979	2.3448	292.30E-6	0.0
52.83333	15.39633	-4.10000	-5.0264	-4.2979	-32.128	-64.746	-492.50E-6
53.41667	15.39633	-4.10000	-5.1082	-4.2979	-33.156	-73.328	-483.23E-6
54.00000	15.39633	-4.10000	-5.0384	-4.2979	-32.824	-73.711	-474.10E-6
54.58333	15.39633	-4.10000	-4.8497	-4.2979	-32.100	-69.750	-472.62E-6
55.16667	15.39633	-4.10000	-4.4662	-4.2979	-28.633	-54.092	-452.83E-6
55.75000	15.39633	-4.10000	-3.9790	-4.2979	-10.694	-17.066	-181.20E-6
56.33333	15.39633	-4.10000	-4.2736	-4.2979	-30.345	-46.857	-520.19E-6
56.91667	15.39633	-4.10000	-4.8158	-4.2979	-58.725	-97.660	-979.82E-6
57.50000	15.39633	-4.10000	-4.6179	-4.2979	-45.067	-77.959	-740.36E-6
58.08333	15.39633	-4.10000	-4.5801	-4.2979	-81.827	-139.61	-979.61E-6
58.66667	15.39633	-4.10000	-4.7432	-4.2979	-61.646	-115.33	-979.28E-6
59.25000	15.39633	-4.10000	-4.3717	-4.2979	-63.236	-118.15	-0.0010051
59.83333	15.39633	-4.10000	-3.2756	-4.2979	-59.224	-87.927	-0.0010288
60.41667	15.39633	-4.10000	-0.27458	-4.2979	56.656	105.43	902.18E-6
61.00000	15.39633	-4.10000	2.3513	-4.2979	178.45	297.35	0.0029752
61.58333	15.39633	-4.10000	2.6296	-4.2979	163.21	272.87	0.0027176
62.16667	15.39633	-4.10000	0.46492	-4.2979	22.111	79.267	205.44E-6
62.75000	15.39633	-4.10000	-0.47579	-4.2979	1.1373	14.999	-31.449E-6
63.33333	15.39633	-4.10000	-0.78503	-4.2979	0.049138	2.8437	-9.8059E-6
63.91667	15.39633	-4.10000	-0.86877	-4.2979	-0.076087	-0.23694	0.0
64.50000	15.39633	-4.10000	-0.85111	-4.2979	-0.047810	-0.68635	1.5369E-6
65.08333	15.39633	-4.10000	-0.79643	-4.2979	-0.016467	-0.54060	1.6996E-6
65.66667	15.39633	-4.10000	-0.73324	-4.2979	-0.0050383	-0.41017	1.4617E-6
66.25000	15.39633	-4.10000	-0.67077	-4.2979	-0.0016859	-0.33616	1.2543E-6
66.83333	15.39633	-4.10000	-0.61653	-4.2979	-683.31E-6	-0.28947	1.0979E-6
67.41667	15.39633	-4.10000	-0.55660	-4.2979	-351.41E-6	-0.25453	0.0
68.00000	15.39633	-4.10000	-0.50588	-4.2979	-222.17E-6	-0.22556	0.0
68.58333	15.39633	-4.10000	-0.45940	-4.2979	-160.12E-6	-0.20055	0.0
69.16667	15.39633	-4.10000	-0.41699	-4.2979	-123.58E-6	-0.17871	0.0
69.75000	15.39633	-4.10000	-0.37840	-4.2979	-98.657E-6	-0.15595	0.0
70.33333	15.39633	-4.10000	-0.34335	-4.2979	-80.164E-6	-0.14287	0.0
70.91667	15.39633	-4.10000	-0.31153	-4.2979	-65.837E-6	-0.12825	0.0
71.50000	15.39633	-4.10000	-0.28269	-4.2979	-54.490E-6	-0.11546	0.0
72.08333	15.39633	-4.10000	-0.25653	-4.2979	-45.391E-6	-0.10425	0.0
72.66667	15.39633	-4.10000	-0.23822	-4.2979	-38.033E-6	-0.094482	0.0
73.25000	15.39633	-4.10000	-0.21132	-4.2979	-32.045E-6	-0.085752	0.0
73.83333	15.39633	-4.10000	-0.19183	-4.2979	-27.142E-6	-0.078109	0.0
74.41667	15.39633	-4.10000	-0.17414	-4.2979	-23.107E-6	-0.071344	0.0
75.00000	15.39633	-4.10000	-0.15809	-4.2979	-19.767E-6	-0.065337	0.0
75.58333	15.39633	-4.10000	-0.14362	-4.2979	-16.990E-6	-0.059887	0.0
76.16667	15.98850	-4.10000	-1.1672	-4.2979	-0.0017475	-0.82081	3.1174E-6
76.75000	15.98850	-4.10000	-1.3151	-4.2979	-0.0026939	-1.0318	3.9074E-6
77.33333	15.98850	-4.10000	-1.4872	-4.2979	-0.0043701	-1.3271	5.0046E-6
77.91667	15.98850	-4.10000	-1.6898	-4.2979	-0.0075816	-1.7570	6.5843E-6
78.50000	15.98850	-4.10000	-1.9310	-4.2979	-0.014436	-2.4174	8.9667E-6
79.08333	15.98850	-4.10000	-2.2234	-4.2979	-0.031559	-3.5129	12.786E-6
79.66667	15.98850	-4.10000	-2.5875	-4.2979	-0.086489	-5.5631	19.405E-6
80.25000	15.98850	-4.10000	-3.0626	-4.2979	-0.36347	-10.327	31.340E-6
80.83333	15.98850	-4.10000	-3.5961	-4.2979	-4.12961	-27.951	12.206E-6
81.41667	15.98850	-4.10000	-5.0100	-4.2979	-55.038	-97.907	-893.77E-6
82.00000	15.98850	-4.10000	-5.5458	-4.2979	-53.534	-108.43	-818.57E-6
82.58333	15.98850	-4.10000	-5.6003	-4.2979	-37.894	-82.460	-557.46E-6
83.16667	15.98850	-4.10000	-5.2519	-4.2979	13.948	-24.472	416.11E-6
83.75000	15.98850	-4.10000	-6.0688	-4.2979	-47.409	-79.45	



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses		
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]
					Vert Strain [-]
26.00000	15.98850	-4.10000	2.2981	-4.2979	161.81
26.58333	15.98850	-4.10000	0.11323	-4.2979	19.958
27.16667	15.98850	-4.10000	-0.81195	-4.2979	-1.0738
27.75000	15.98850	-4.10000	-1.0874	-4.2979	-2.1203
28.33333	15.98850	-4.10000	-1.1009	-4.2979	-1.8261
28.91667	15.98850	-4.10000	-0.7695	-4.2979	-0.51313
29.50000	15.98850	-4.10000	-0.85061	-4.2979	-0.087643
30.08333	15.98850	-4.10000	-0.75258	-4.2979	-0.020312
30.66667	15.98850	-4.10000	-0.67362	-4.2979	-0.0060104
31.25000	15.98850	-4.10000	-0.60682	-4.2979	-0.0021402
31.83333	15.98850	-4.10000	-0.54851	-4.2979	-0.010856
32.41667	15.98850	-4.10000	-0.49668	-4.2979	-0.446.23E-6
33.00000	15.98850	-4.10000	-0.45019	-4.2979	-256.45E-6
33.58333	15.98850	-4.10000	-0.40828	-4.2979	-166.42E-6
34.16667	15.98850	-4.10000	-0.37040	-4.2979	-117.97E-6
34.75000	15.98850	-4.10000	-0.33613	-4.2979	-88.775E-6
35.33333	15.98850	-4.10000	-0.30509	-4.2979	-69.468E-6
35.91667	15.98850	-4.10000	-0.27697	-4.2979	-55.788E-6
36.50000	15.98850	-4.10000	-0.25148	-4.2979	-45.610E-6
37.08333	15.98850	-4.10000	-0.22836	-4.2979	-37.778E-6
37.66667	15.98850	-4.10000	-0.20859	-4.2979	-31.606E-6
38.25000	15.98850	-4.10000	-0.18836	-4.2979	-26.659E-6
38.83333	15.98850	-4.10000	-0.17109	-4.2979	-22.642E-6
39.41667	15.98850	-4.10000	-0.15540	-4.2979	-19.347E-6
40.00000	15.98850	-4.10000	-0.14115	-4.2979	-16.622E-6
5.00000	16.58067	-4.10000	-0.14544	-4.2979	-0.0014987
5.58333	16.58067	-4.10000	-1.2893	-4.2979	-0.0026205
6.16667	16.58067	-4.10000	-1.4567	-4.2979	-0.0042587
6.75000	16.58067	-4.10000	-1.6535	-4.2979	-0.0074110
7.33333	16.58067	-4.10000	-1.8881	-4.2979	-0.014174
7.91667	16.58067	-4.10000	-2.1729	-4.2979	-0.031448
8.50000	16.58067	-4.10000	-2.5288	-4.2979	-0.085749
9.08333	16.58067	-4.10000	-2.9958	-4.2979	-0.36048
9.66667	16.58067	-4.10000	-3.6822	-4.2979	-4.0620
10.25000	16.58067	-4.10000	-4.9415	-4.2979	-54.886
10.83333	16.58067	-4.10000	-5.5154	-4.2979	-53.825
11.41667	16.58067	-4.10000	-5.7885	-4.2979	-50.607
12.00000	16.58067	-4.10000	-5.9042	-4.2979	-40.120
12.58333	16.58067	-4.10000	-6.3474	-4.2979	-52.996
13.16667	16.58067	-4.10000	-6.7555	-4.2979	-63.555
13.75000	16.58067	-4.10000	-6.7983	-4.2979	-64.043
14.33333	16.58067	-4.10000	-6.6657	-4.2979	-64.024
14.91667	16.58067	-4.10000	-6.3192	-4.2979	-63.660
15.50000	16.58067	-4.10000	-5.6857	-4.2979	-60.101
16.08333	16.58067	-4.10000	-4.9500	-4.2979	-51.036
16.66667	16.58067	-4.10000	-3.8594	-4.2979	-5.3456
17.25000	16.58067	-4.10000	-3.6567	-4.2979	-8.8949
17.83333	16.58067	-4.10000	-3.4975	-4.2979	-9.1820
18.41667	16.58067	-4.10000	-3.3400	-4.2979	-9.1688
19.00000	16.58067	-4.10000	-3.1927	-4.2979	-8.9113
19.58333	16.58067	-4.10000	-2.8648	-4.2979	-4.4611
20.16667	16.58067	-4.10000	-2.0270	-4.2979	60.782
20.75000	16.58067	-4.10000	-2.6342	-4.2979	28.276
21.33333	16.58067	-4.10000	-3.9179	-4.2979	-55.304
21.91667	16.58067	-4.10000	-3.5867	-4.2979	-36.5385
22.50000	16.58067	-4.10000	-3.6091	-4.2979	-8.2313
23.08333	16.58067	-4.10000	-4.2327	-4.2979	-60.461
23.66667	16.58067	-4.10000	-4.0613	-4.2979	-63.345
24.25000	16.58067	-4.10000	-3.3272	-4.2979	-60.576
24.83333	16.58067	-4.10000	-3.3257	-4.2979	-49.700
25.41667	16.58067	-4.10000	1.0397	-4.2979	144.96
26.00000	16.58067	-4.10000	1.0784	-4.2979	135.68
26.58333	16.58067	-4.10000	-1.0742	-4.2979	-27.441
27.16667	16.58067	-4.10000	-1.8211	-4.2979	-48.764
27.75000	16.58067	-4.10000	-1.9883	-4.2979	-59.842
28.33333	16.58067	-4.10000	-1.8470	-4.2979	-46.525
28.91667	16.58067	-4.10000	-1.1693	-4.2979	-3.6227
29.50000	16.58067	-4.10000	-0.90690	-4.2979	-0.22054
30.08333	16.58067	-4.10000	-0.76848	-4.2979	-0.037792
30.66667	16.58067	-4.10000	-0.61967	-4.2979	-0.009568
31.25000	16.58067	-4.10000	-0.60010	-4.2979	-0.0033514
31.83333	16.58067	-4.10000	-0.53905	-4.2979	-0.0013480
32.41667	16.58067	-4.10000	-0.48641	-4.2979	-630.40E-6
33.00000	16.58067	-4.10000	-0.44004	-4.2979	-337.54E-6
33.58333	16.58067	-4.10000	-0.38967	-4.2979	-203.46E-6
34.16667	16.58067	-4.10000	-0.36163	-4.2979	-135.11E-6
34.75000	16.58067	-4.10000	-0.32820	-4.2979	-96.572E-6
35.33333	16.58067	-4.10000	-0.29799	-4.2979	-72.796E-6
35.91667	16.58067	-4.10000	-0.27064	-4.2979	-56.968E-6
36.50000	16.58067	-4.10000	-0.24587	-4.2979	-45.774E-6
37.08333	16.58067	-4.10000	-0.22339	-4.2979	-37.485E-6
37.66667	16.58067	-4.10000	-0.20300	-4.2979	-31.134E-6
38.25000	16.58067	-4.10000	-0.18448	-4.2979	-26.143E-6
38.83333	16.58067	-4.10000	-0.16766	-4.2979	-22.145E-6
39.41667	16.58067	-4.10000	-0.15287	-4.2979	-18.897E-6
40.00000	16.58067	-4.10000	-0.13847	-4.2979	-16.226E-6
5.00000	17.17283	-4.10000	-1.1173	-4.2979	-0.0016310
5.58333	17.17283	-4.10000	-1.2560	-4.2979	-0.0025171
6.16667	17.17283	-4.10000	-1.4172	-4.2979	-0.0040975
6.75000	17.17283	-4.10000	-1.6065	-4.2979	-0.0071544
7.33333	17.17283	-4.10000	-1.8322	-4.2979	-0.013756
7.91667	17.17283	-4.10000	-2.1066	-4.2979	-0.030450
8.50000	17.17283	-4.10000	-2.4507	-4.2979	-0.084463
9.08333	17.17283	-4.10000	-2.9055	-4.2979	-0.35652
9.66667	17.17283	-4.10000	-3.4282	-4.2979	-3.3941
10.25000	17.17283	-4.10000	-4.8400	-4.2979	-54.730
10.83333	17.17283	-4.10000	-5.4488	-4.2979	-54.093
11.41667	17.17283	-4.10000	-5.8789	-4.2979	-67.109
12.00000	17.17283	-4.10000	-6.2341	-4.2979	-63.118
12.58333	17.17283	-4.10000	-6.6495	-4.2979	-63.137
13.16667	17.17283	-4.10000	-6.6083	-4.2979	-63.993
13.75000	17.17283	-4.10000	-6.6023	-4.2979	-64.074
14.33333	17.17283	-4.10000	-6.4209	-4.2979	-64.001
14.91667	17.17283	-4.10000	-6.0074	-4.2979	-63.367
15.50000	17.17283	-4.10000	-5.1157	-4.2979	-48.157
16.08333	17.17283	-4.10000	-3.4177	-4.2979	33.368
16.66667	17.17283	-4.10000	-2.9468	-4.2979	25.283
17.25000	17.17283	-4.10000	-3.0638	-4.2979	-8.0330
17.83333	17.17283	-4.10000	-2.8650	-4.2979	-8.7534
18.41667	17.17283	-4.10000	-2.6695	-4.2979	-8.6236
19.00000	17.17283	-4.10000	-2.5365	-4.2979	-8.5403
19.58333	17.17283	-4.10000	-2.4618	-4.2979	-8.1770
20.16667	17.17283	-4.10000	-2.5210	-4.2979	-7.9408
20.75000	17.17283	-4.10000	-3.1643	-4.2979	-37.424
21.33333	17.17283	-4.10000	-61.8090	-4.2979	-63.465
21.91667	17.17283	-4.10000	-3.9710	-4.2979	-61.685
22.50000	17.17283	-4.10000	-4.0255	-4.2979	-61.879
23.08333	17.17283	-4.10000	-4.0393	-4.2979	-62.974
23.66667	17.17283	-4.10000	-3.8724	-4.2979	-63.248
24.25000	17.17283	-4.10000	-4.1200	-4.2979	-62.172
24.83333	17.17283	-4.10000	-2.7042	-4.2979	-56.434
25.41667	17.17283	-4.10000	-2.0391	-4.2979	-50.124
26.00000	17.17283	-4.10000	-1.8154	-4.2979	-45.354
26.58333	17.17283	-4.10000	-2.0791	-4.2979	-50.414
27.16667	17.17283	-4.10000	-2.0783	-4.2979	-53.637
27.75000	17.17283	-4.10000	-2.2918	-4.2979	-53.735
28.33333	17.17283	-4.10000	-2.1159	-4.2979	-56.227
28.91667	17.17283	-4.10000	-1.2621	-4.2979	-5.0756
29.50000	17.17283	-4.10000	-0.92739	-4.2979	-0.22403
30.08333	17.17283	-4.10000	-0.76789	-4.2979	-0.04619
30.66667	17.17283	-4.10000	-0.66534	-4.2979	-0.011765
31.25000	17.17283	-4.10000	-0.58880	-4.2979	-0.0039287
31.83333	17.17283	-4.10000	-0.52684	-4.2979	-0.0015797
32.41667	17.17283	-4.10000	-0.47364	-4.2979	-0.001432
33.00000	17.17283	-4.10000	-0.42859	-4.2979	-386.98E-6
33.58333	17.17283	-4.10000	-0.38814	-4.2979	-227.35E-6
34.16667	17.17283	-4.10000	-0.35200	-4.2979	-146.55E-6
34.75000	17.17283	-4.10000	-0.31953	-4.2979	-101.81E-6
35.33333	17.17283	-4.10000	-0.29023	-4.2979	-74.934E-6
35.91667	17.17283	-4.10000	-0.26374	-4.2979	-57.568E-6
36.50000	17.17283	-4.10000	-0.23973	-4.2979	-45.638E-6



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
						Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	
37.08333	17.17283	-4.10000	-0.21795	-4.2979	-37.026E-6	-0.089126		0.0
37.66667	17.17283	-4.10000	-0.19818	-4.2979	-30.560E-6	-0.081043		0.0
38.25000	17.17283	-4.10000	-0.18021	-4.2979	-25.558E-6	-0.073952		0.0
38.83333	17.17283	-4.10000	-0.16388	-4.2979	-21.598E-6	-0.067692		0.0
39.41667	17.17283	-4.10000	-0.14902	-4.2979	-18.405E-6	-0.062136		0.0
40.00000	17.17283	-4.10000	-0.13830	-4.2979	-15.796E-6	-0.057184		0.0
5.00000	17.76500	-4.10000	-1.0834	-4.2979	-0.0015439	-0.74348	2.8246E-6	
5.58333	17.76500	-4.10000	-1.2158	-4.2979	-0.0023808	-0.92967	3.5216E-6	
6.16667	17.76500	-4.10000	-1.3693	-4.2979	-0.0038772	-1.1906	4.4909E-6	
6.75000	17.76500	-4.10000	-1.5493	-4.2979	-0.0067843	-1.5728	5.8942E-6	
7.33333	17.76500	-4.10000	-1.7635	-4.2979	-0.013104	-2.1667	8.0332E-6	
7.91667	17.76500	-4.10000	-2.0241	-4.2979	-0.029226	-3.1702	11.522E-6	
8.50000	17.76500	-4.10000	-2.3516	-4.2979	-0.081928	-5.0958	17.713E-6	
9.08333	17.76500	-4.10000	-2.7872	-4.2979	-0.34951	-9.6896	29.209E-6	
9.66667	17.76500	-4.10000	-3.4418	-4.2979	-3.9195	-26.881	12.942E-6	
10.25000	17.76500	-4.10000	-4.6845	-4.2979	-54.545	-97.206	885.08E-6	
10.83333	17.76500	-4.10000	-5.2943	-4.2979	-54.142	-112.84	-815.62E-6	
11.41667	17.76500	-4.10000	-5.7433	-4.2979	-57.313	-122.46	-851.82E-6	
12.00000	17.76500	-4.10000	-6.1083	-4.2979	-63.710	-133.40	-957.39E-6	
12.58333	17.76500	-4.10000	-6.3012	-4.2979	-64.005	-136.07	-953.94E-6	
13.16667	17.76500	-4.10000	-6.4507	-4.2979	-64.102	-137.04	-951.93E-6	
13.75000	17.76500	-4.10000	-6.3306	-4.2979	-64.063	-136.64	-953.06E-6	
14.33333	17.76500	-4.10000	-6.1134	-4.2979	-63.959	-133.97	-960.95E-6	
14.91667	17.76500	-4.10000	-5.6502	-4.2979	-63.203	-124.96	-978.16E-6	
15.50000	17.76500	-4.10000	-4.6574	-4.2979	-46.768	-80.188	-771.04E-6	
16.08333	17.76500	-4.10000	-3.8683	-4.2979	-39.2689	-69.659	-699.96E-6	
16.66667	17.76500	-4.10000	-2.3580	-4.2979	27.607	39.635	484.77E-6	
17.25000	17.76500	-4.10000	-2.4454	-4.2979	-7.2593	-3.7764	-153.04E-6	
17.83333	17.76500	-4.10000	-2.0530	-4.2979	-4.0702	6.1045	-117.44E-6	
18.41667	17.76500	-4.10000	-1.6975	-4.2979	0.10913	19.141	-11.119E-6	
19.00000	17.76500	-4.10000	-1.6144	-4.2979	-0.086006	18.939	-72.499E-6	
19.58333	17.76500	-4.10000	-1.6906	-4.2979	-0.55195	13.921	-66.295E-6	
20.16667	17.76500	-4.10000	-1.9112	-4.2979	-1.6850	5.1045	-58.532E-6	
20.75000	17.76500	-4.10000	-2.5945	-4.2979	-30.761	-42.195	-547.73E-6	
21.33333	17.76500	-4.10000	-3.3377	-4.2979	-54.225	-83.374	-930.91E-6	
21.91667	17.76500	-4.10000	-3.3474	-4.2979	-54.781	-88.484	-924.08E-6	
22.50000	17.76500	-4.10000	-3.3746	-4.2979	-54.632	-89.189	-917.92E-6	
23.08333	17.76500	-4.10000	-3.3847	-4.2979	-54.986	-92.226	-914.42E-6	
23.66667	17.76500	-4.10000	-3.3182	-4.2979	-55.306	-94.466	-913.21E-6	
24.25000	17.76500	-4.10000	-3.1550	-4.2979	-55.262	-93.036	-817.67E-6	
24.83333	17.76500	-4.10000	-2.8094	-4.2979	-54.935	-88.259	-927.34E-6	
25.41667	17.76500	-4.10000	-2.5150	-4.2979	-54.586	-84.098	-936.47E-6	
26.00000	17.76500	-4.10000	-2.3264	-4.2979	-54.802	-81.514	-951.39E-6	
26.58333	17.76500	-4.10000	-2.2040	-4.2979	-51.002	-77.044	-880.86E-6	
27.16667	17.76500	-4.10000	-2.1663	-4.2979	-51.278	-78.007	-883.53E-6	
27.75000	17.76500	-4.10000	-2.0364	-4.2979	-45.732	-72.433	-776.95E-6	
28.33333	17.76500	-4.10000	-1.8780	-4.2979	-48.519	-68.283	-857.26E-6	
28.91667	17.76500	-4.10000	-1.1676	-4.2979	-4.0299	-16.076	-31.172E-6	
29.50000	17.76500	-4.10000	-0.88845	-4.2979	-0.22390	-3.6994	9.0640E-6	
30.08333	17.76500	-4.10000	-0.88500	-4.2979	-0.038187	-1.4668	4.7539E-6	
30.66667	17.76500	-4.10000	-0.64583	-4.2979	-0.010446	-0.7650	2.7038E-6	
31.25000	17.76500	-4.10000	-0.57155	-4.2979	-0.0036962	-0.47823	1.7545E-6	
31.83333	17.76500	-4.10000	-0.51116	-4.2979	-0.0015522	-0.33770	1.2633E-6	
32.41667	17.76500	-4.10000	-0.46002	-4.2979	-743.49E-6	-0.25920	0.0	
33.00000	17.76500	-4.10000	-0.41561	-4.2979	-397.86E-6	-0.21033	0.0	
33.58333	17.76500	-4.10000	-0.37642	-4.2979	-234.57E-6	-0.17708	0.0	
34.16667	17.76500	-4.10000	-0.34148	-4.2979	-150.41E-6	-0.15280	0.0	
34.75000	17.76500	-4.10000	-0.31012	-4.2979	-103.47E-6	-0.13406	0.0	
35.33333	17.76500	-4.10000	-0.28185	-4.2979	-75.309E-6	-0.11902	0.0	
35.91667	17.76500	-4.10000	-0.25628	-4.2979	-57.268E-6	-0.10657	0.0	
36.50000	17.76500	-4.10000	-0.23310	-4.2979	-45.024E-6	-0.096052	0.0	
37.08333	17.76500	-4.10000	-0.21207	-4.2979	-36.299E-6	-0.087024	0.0	
37.66667	17.76500	-4.10000	-0.19297	-4.2979	-29.829E-6	-0.079183	0.0	
38.25000	17.76500	-4.10000	-0.17559	-4.2979	-24.874E-6	-0.072312	0.0	
38.83333	17.76500	-4.10000	-0.15978	-4.2979	-20.983E-6	-0.064949	0.0	
39.41667	17.76500	-4.10000	-0.14539	-4.2979	-17.866E-6	-0.060868	0.0	
40.00000	17.76500	-4.10000	-0.13228	-4.2979	-15.329E-6	-0.056068	0.0	
5.00000	18.35717	-4.10000	-1.0442	-4.2979	-0.0014379	-0.70587	2.6824E-6	
5.58333	18.35717	-4.10000	-1.1693	-4.2979	-0.0022109	-0.87913	3.3311E-6	
6.16667	18.35717	-4.10000	-1.3138	-4.2979	-0.0035924	-1.1213	4.2308E-6	
6.75000	18.35717	-4.10000	-1.4827	-4.2979	-0.0062798	-1.4753	5.5309E-6	
7.33333	18.35717	-4.10000	-1.6830	-4.2979	-0.012141	-2.0253	7.5114E-6	
7.91667	18.35717	-4.10000	-1.9259	-4.2979	-0.027197	-2.9565	10.746E-6	
8.50000	18.35717	-4.10000	-2.2309	-4.2979	-0.077012	-4.7549	16.515E-6	
9.08333	18.35717	-4.10000	-2.6374	-4.2979	-0.33487	-7.3088	27.308E-6	
9.66667	18.35717	-4.10000	-3.2545	-4.2979	-3.8212	-25.763	10.909E-6	
10.25000	18.35717	-4.10000	-4.4560	-4.2979	-54.296	-95.444	-886.10E-6	
10.83333	18.35717	-4.10000	-5.0303	-4.2979	-54.505	-110.89	-821.00E-6	
11.41667	18.35717	-4.10000	-5.4456	-4.2979	-57.206	-120.16	-858.20E-6	
12.00000	18.35717	-4.10000	-5.7825	-4.2979	-63.587	-130.81	-964.50E-6	
12.58333	18.35717	-4.10000	-5.9543	-4.2979	-63.880	-133.35	-961.50E-6	
13.16667	18.35717	-4.10000	-6.0183	-4.2979	-63.941	-134.28	-959.32E-6	
13.75000	18.35717	-4.10000	-5.9559	-4.2979	-63.943	-133.85	-961.03E-6	
14.33333	18.35717	-4.10000	-5.7276	-4.2979	-63.836	-131.09	-969.17E-6	
14.91667	18.35717	-4.10000	-5.2511	-4.2979	-63.554	-121.18	-986.87E-6	
15.50000	18.35717	-4.10000	-4.2396	-4.2979	-46.593	-76.635	-780.67E-6	
16.08333	18.35717	-4.10000	-2.4056	-4.2979	36.686	43.006	681.35E-6	
16.66667	18.35717	-4.10000	-1.8796	-4.2979	27.883	44.616	471.97E-6	
17.25000	18.35717	-4.10000	-1.8228	-4.2979	-5.6907	8.5020	-164.06E-6	
17.83333	18.35717	-4.10000	-0.68548	-4.2979	-39.734	83.570	195.66E-6	
18.41667	18.35717	-4.10000	0.32079	-4.2979	86.763	156.59	0.0014003	
19.00000	18.35717	-4.10000	0.0015493	-4.2979	60.911	116.66	957.18E-6	
19.58333	18.35717	-4.10000	-0.36903	-4.2979	51.862	90.100	850.49E-6	
20.16667	18.35717	-4.10000	-0.68652	-4.2979	50.277	77.525	862.28E-6	
20.75000	18.35717	-4.10000	-1.3789	-4.2979	-21.587	20.438	381.18E-6	
21.33333	18.35717	-4.10000	-1.9287	-4.2979	-1.8883	-8.1866	-12.092E-6	
21.91667	18.35717	-4.10000	-1.8681	-4.2979	5.5261	4.3372	110.87E-6	
22.50000	18.35717	-4.10000	-1.6652	-4.2979	19.621	26.274	351.82E-6	
23.08333	18.35717	-4.10000	-1.9242	-4.2979	5.3940	1.3780	119.21E-6	
23.66667	18.35717	-4.10000	-2.8205	-4.2979	-2.8974	-4.6859	6.66E-6	
24.25000	18.35717	-4.10000	-2.0813	-4.2979	-3.3227	-21.564	6.2628E-6	
24.83333	18.35717	-4.10000	-1.9436	-4.2979	-3.3276	-21.130	4.4809E-6	
25.41667	18.35717	-4.10000	-1.7790	-4.2979	-3.3346	-20.031	0.0	
26.00000	18.35717	-4.10000	-1.6126	-4.2979	-3.6768	-17.353	-18.111E-6	
26.58333	18.35717	-4.10000	-1.2704	-4.2979	14.654	4.3967	321.35E-6	
27.16667	18.35717	-4.10000	-1.1282	-4.2979	16.156	8.9765	338.39E-6	
27.75000	18.35717	-4.10000	-1.0293	-4.2979	16.302	9.7687	338.70E-6	
28.33333	18.35717	-4.10000	-1.0118	-4.2979	7.5542	1.2463	169.58E-6	
28.91667	18.35717	-4.10000	-0.94639	-4.2979	-0.051354	-3.9679	14.080E-6	
29.50000	18.35717	-4.10000	-0.80960	-4.2979	-0.074037	-2.0957	6.3536E-6	
30.08333	18.35717	-4.10000	-0.70093	-4.2979	-0.020850	-1.0979	3.7425E-6	
30.66667	18.35717	-4.10000	-0.61666	-4.2979	-0.0071671	-0.65517	2.3551E-6	
31.25000	18.35717	-4.10000	-0.54875	-4.2979	-0.0028951	-0.43793	1.6179E-6	
31.83333	18.35717	-4.10000	-0.49207	-4.2979	-0.0013283	-0.31976	1.1996E-6	



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
12.58333	18.94933	-4.10000	-5.3646	-4.2979	-62.169	-121.15	-968.97E-6
13.16667	18.94933	-4.10000	-5.4610	-4.2979	-62.633	-124.41	-967.12E-6
13.75000	18.94933	-4.10000	-5.4192	-4.2979	-62.728	-124.91	-967.40E-6
14.33333	18.94933	-4.10000	-5.2065	-4.2979	-62.644	-122.56	-974.50E-6
14.91667	18.94933	-4.10000	-4.7540	-4.2979	-61.921	-113.94	-990.97E-6
15.50000	18.94933	-4.10000	-4.7074	-4.2979	-45.779	-70.559	-785.25E-6
16.08333	18.94933	-4.10000	-2.0071	-4.2979	36.553	46.331	665.49E-6
16.66667	18.94933	-4.10000	-1.4883	-4.2979	28.163	48.245	464.48E-6
17.25000	18.94933	-4.10000	-1.3566	-4.2979	-4.2160	17.591	-164.99E-6
17.83333	18.94933	-4.10000	0.55604	-4.2979	100.81	165.75	0.0016894
18.41667	18.94933	-4.10000	-2.2556	-4.2979	208.07	305.22	0.0036286
19.00000	18.94933	-4.10000	0.87378	-4.2979	86.565	166.77	0.0013566
19.58333	18.94933	-4.10000	0.10681	-4.2979	54.982	102.74	873.88E-6
20.16667	18.94933	-4.10000	-0.25822	-4.2979	52.591	86.982	879.30E-6
20.75000	18.94933	-4.10000	-0.92375	-4.2979	23.169	40.013	380.88E-6
21.33333	18.94933	-4.10000	-1.3831	-4.2979	0.059429	5.7237	-20.417E-6
21.91667	18.94933	-4.10000	-0.94393	-4.2979	31.492	52.404	525.32E-6
22.50000	18.94933	-4.10000	-0.16941	-4.2979	96.260	127.47	0.0017316
22.08333	18.94933	-4.10000	-1.0043	-4.2979	31.427	50.083	532.75E-6
23.66667	18.94933	-4.10000	-1.5833	-4.2979	-0.75495	-3.1038	-5.4858E-6
24.25000	18.94933	-4.10000	-1.6444	-4.2979	-1.6198	-9.0166	-2.7017E-6
24.83333	18.94933	-4.10000	-1.5864	-4.2979	-1.6709	-9.7690	0.0
25.41667	18.94933	-4.10000	-1.4861	-4.2979	-1.7561	-9.6867	-3.2697E-6
26.00000	18.94933	-4.10000	-1.4078	-4.2979	-7.4080	-12.759	-121.91E-6
26.58333	18.94933	-4.10000	-1.1338	-4.2979	4.5762	2.6963	95.259E-6
27.16667	18.94933	-4.10000	-0.34203	-4.2979	7.6898	116.81E	0.0
27.75000	18.94933	-4.10000	-0.88427	-4.2979	6.6545	8.4577	121.07E-6
28.33333	18.94933	-4.10000	-0.82637	-4.2979	5.5319	5.8762	105.08E-6
28.91667	18.94933	-4.10000	-0.80752	-4.2979	0.39184	-0.36428	10.446E-6
29.50000	18.94933	-4.10000	-0.73142	-4.2979	-0.0057459	-1.0332	3.8420E-6
30.08333	18.94933	-4.10000	-0.65200	-4.2979	-0.0081867	-0.75302	2.7080E-6
30.66667	18.94933	-4.10000	-0.58214	-4.2979	-0.0040667	-0.52532	1.9271E-6
31.25000	18.94933	-4.10000	-0.52214	-4.2979	-0.0019814	-0.38200	1.4239E-6
31.83333	18.94933	-4.10000	-0.47034	-4.2979	-0.0010191	-0.29223	1.1007E-6
32.41667	18.94933	-4.10000	-0.42512	-4.2979	-560.01E-6	-0.23369	0.0
33.00000	18.94933	-4.10000	-0.38432	-4.2979	-329.01E-6	-0.1935	0.0
33.58333	18.94933	-4.10000	-0.34972	-4.2979	-206.11E-6	-0.16460	0.0
34.16667	18.94933	-4.10000	-0.31791	-4.2979	-137.01E-6	-0.14276	0.0
34.75000	18.94933	-4.10000	-0.28926	-4.2979	-96.019E-6	-0.12565	0.0
35.33333	18.94933	-4.10000	-0.26336	-4.2979	-70.418E-6	-0.11181	0.0
35.91667	18.94933	-4.10000	-0.23989	-4.2979	-53.627E-6	-0.10032	0.0
36.50000	18.94933	-4.10000	-0.21857	-4.2979	-42.106E-6	-0.090615	0.0
37.08333	18.94933	-4.10000	-0.19918	-4.2979	-33.877E-6	-0.082277	0.0
37.66667	18.94933	-4.10000	-0.18153	-4.2979	-27.788E-6	-0.075032	0.0
38.25000	18.94933	-4.10000	-0.16544	-4.2979	-23.147E-6	-0.068677	0.0
38.83333	18.94933	-4.10000	-0.15077	-4.2979	-19.520E-6	-0.063062	0.0
39.41667	18.94933	-4.10000	-0.13738	-4.2979	-16.627E-6	-0.058069	0.0
40.00000	18.94933	-4.10000	-0.12517	-4.2979	-14.280E-6	-0.053606	0.0
5.00000	19.54150	-4.10000	-0.95353	-4.2979	-0.0011799	-0.61756	2.3486E-6
5.58333	19.54150	-4.10000	-1.0615	-4.2979	-0.001759	-0.7592	2.8797E-6
6.16667	19.54150	-4.10000	-1.1849	-4.2979	-0.0028516	-0.95409	3.6047E-6
6.75000	19.54150	-4.10000	-1.3270	-4.2979	-0.0048901	-1.2339	4.6339E-6
7.33333	19.54150	-4.10000	-1.4930	-4.2979	-0.0092564	-1.6597	6.1715E-6
7.91667	19.54150	-4.10000	-1.6905	-4.2979	-0.020244	-2.3645	8.6290E-6
8.50000	19.54150	-4.10000	-1.9190	-4.2979	-0.055627	-3.6983	12.909E-6
9.08333	19.54150	-4.10000	-2.2454	-4.2979	-0.23009	-6.7801	20.773E-6
9.66667	19.54150	-4.10000	-2.6963	-4.2979	-2.2959	-17.828	15.592E-6
10.25000	19.54150	-4.10000	-3.5182	-4.2979	-34.761	-63.398	-556.41E-6
10.83333	19.54150	-4.10000	-3.8517	-4.2979	-32.272	-70.065	-475.39E-6
11.41667	19.54150	-4.10000	-4.1810	-4.2979	-24.585	-52.758	-352.75E-6
12.00000	19.54150	-4.10000	-3.7281	-4.2979	-1.6516	-27.054	65.955E-6
12.58333	19.54150	-4.10000	-4.1122	-4.2979	-20.025	-53.275	-257.26E-6
13.16667	19.54150	-4.10000	-4.4527	-4.2979	-34.783	-79.147	-498.40E-6
13.75000	19.54150	-4.10000	-4.4656	-4.2979	-35.319	-82.343	-498.48E-6
14.33333	19.54150	-4.10000	-4.2890	-4.2979	-35.289	-80.780	-503.65E-6
14.91667	19.54150	-4.10000	-3.8939	-4.2979	-34.713	-73.657	-517.91E-6
15.50000	19.54150	-4.10000	-3.0850	-4.2979	-23.656	-40.359	-390.78E-6
16.08333	19.54150	-4.10000	-1.6117	-4.2979	39.077	53.820	694.95E-6
16.66667	19.54150	-4.10000	-1.1526	-4.2979	33.588	56.025	559.76E-6
17.25000	19.54150	-4.10000	-1.1594	-4.2979	0.043955	12.850E	0.0
17.83333	19.54150	-4.10000	-0.10636	-4.2979	44.160	89.922	673.39E-6
18.41667	19.54150	-4.10000	0.79534	-4.2979	89.150	156.52	0.0014557
19.00000	19.54150	-4.10000	0.16051	-4.2979	38.478	90.654	539.41E-6
19.58333	19.54150	-4.10000	-0.30756	-4.2979	23.908	55.197	339.51E-6
20.16667	19.54150	-4.10000	-0.60883	-4.2979	20.641	41.338	117.41E-6
20.75000	19.54150	-4.10000	-1.0437	-4.2979	1.3455	11.220	-12.108E-6
21.33333	19.54150	-4.10000	-1.2403	-4.2979	-5.9144	-1.5749	-130.46E-6
21.91667	19.54150	-4.10000	-0.99152	-4.2979	8.3721	23.119	104.31E-6
22.50000	19.54150	-4.10000	-0.61580	-4.2979	35.858	59.218	599.88E-6
23.08333	19.54150	-4.10000	-1.0256	-4.2979	9.1456	22.343	125.15E-6
23.66667	19.54150	-4.10000	-1.3558	-4.2979	-4.6753	-5.2854	-87.584E-6
24.25000	19.54150	-4.10000	-1.4117	-4.2979	-4.8172	-9.2230	-75.711E-6
24.83333	19.54150	-4.10000	-1.3793	-4.2979	-4.4668	-9.6690	-65.907E-6
25.41667	19.54150	-4.10000	-1.3065	-4.2979	-4.0814	-9.2678	-58.556E-6
26.00000	19.54150	-4.10000	-0.62921	-4.2979	-3.63291	-8.0932	-52.746E-6
26.58333	19.54150	-4.10000	-1.0585	-4.2979	-0.39429	-2.5579	0.0
27.16667	19.54150	-4.10000	-0.94615	-4.2979	0.20036	-0.30969	5.8162E-6
27.75000	19.54150	-4.10000	-0.86184	-4.2979	0.25424	0.19177	5.1308E-6
28.33333	19.54150	-4.10000	-0.79320	-4.2979	0.20914	0.030831	4.7089E-6
28.91667	19.54150	-4.10000	-0.72194	-4.2979	0.048974	-0.50639	0.0763E-6
29.50000	19.54150	-4.10000	-0.66824	-4.2979	555.37E-6	-0.63504	2.4559E-6
30.08333	19.54150	-4.10000	-0.60483	-4.2979	-0.0030899	-0.53469	1.9857E-6
30.66667	19.54150	-4.10000	-0.54621	-4.2979	-0.0021058	-0.41763	1.5570E-6
31.25000	19.54150	-4.10000	-0.49367	-4.2979	-0.0012638	-0.32687	1.2283E-6
31.83333	19.54150	-4.10000	-0.44697	-4.2979	-734.90E-6	-0.26184	0.0
32.41667	19.54150	-4.10000	-0.40543	-4.2979	-440.14E-6	-0.21540	0.0
33.00000	19.54150	-4.10000	-0.36834	-4.2979	-275.10E-6	-0.18152	0.0
33.58333	19.54150	-4.10000	-0.33506	-4.2979	-180.15E-6	-0.15604	0.0
34.16667	19.54150	-4.10000	-0.30508	-4.2979	-123.53E-6	-0.13626	0.0
34.75000	19.54150	-4.10000	-0.27798	-4.2979	-88.427E-6	-0.12049	0.0
35.33333	19.54150	-4.10000	-0.25341	-4.2979	-65.751E-6	-0.10756	0.0
35.91667	19.54150	-4.10000	-0.23109	-4.2979	-50.519E-6	-0.096755	0.0
36.50000	19.54150	-4.10000	-0.21077	-4.2979	-39.891E-6	-0.087573	0.0
37.08333	19.54150	-4.10000	-0.19227	-4.2979	-32.213E-6	-0.079660	0.0
37.66667	19.54150	-4.10000	-0.17539	-4.2979	-26.490E-6	-0.072765	0.0
38.25000	19.54150	-4.10000	-0.15999	-4.2979	-22.108E-6	-0.066704	0.0
38.83333	19.54150	-4.10000	-0.14592	-4.2979	-18.674E-6	-0.061336	0.0
39.41667	19.54150	-4.10000	-0.13307	-4.2979	-15.930E-6	-0.056556	0.0
40.00000	19.54150	-4.10000	-0.12133	-4.2979	-13.701E-6	-0.052276	0.0
5.00000	20.13367	-4.10000	-0.90374	-4.2979	-0.0010377	-0.56936	2.1664E-6
5.58333	20.13367	-4.10000	-1.0025	-4.2979	-0.0015488	-0.69365	2.6328E-6
6.16667	20.13367	-4.10000	-1.1144	-4.2979	-0.0024319	-0.86209	3.2604E-6
6.75000	20.13367	-4.10000	-1.2419	-4.2979	-0.0040852	-1.0996	4.1361E-6
7.33333	20.13367	-4.10000	-1.3890	-4.2979	-0.0075367	-1.4553	5.4169E-6
7.91667	20.13367	-4.10000	-1.5611	-4.2979	-0.015961	-2.0222	7.4113E-6
8.50000	20.13367	-4.10000	-1.7673	-4.2979	-0.042121	-3.0545	10.779E-6
9.08333	20.13367	-4.10000	-2.0251	-4.2979	-0.16484	-5.3580	16.808E-6
9.66667	20.13367	-4.10000	-2.3793	-4.2979	-1.5061	-13.181	15.942E-6
10.25000	20.13367	-4.10000	-3.02				



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
23.66667	20.13367	-4.10000	-1.1474	-4.2979	-0.023920	-0.24945	0.0
24.25000	20.13367	-4.10000	-1.1652	-4.2979	-0.13860	-1.8597	3.9553E-6
24.83333	20.13367	-4.10000	-1.1410	-4.2979	-0.15256	-2.3430	5.4924E-6
25.41667	20.13367	-4.10000	-1.0894	-4.2979	-0.14278	-2.3401	5.7067E-6
26.00000	20.13367	-4.10000	-1.0199	-4.2979	-0.10942	-1.9903	5.1312E-6
26.58333	20.13367	-4.10000	-0.94014	-4.2979	-0.037565	-1.3359	4.2724E-6
27.16667	20.13367	-4.10000	-0.86251	-4.2979	0.0042386	-0.82706	3.2796E-6
27.75000	20.13367	-4.10000	-0.79281	-4.2979	0.014166	-0.58934	2.5942E-6
28.33333	20.13367	-4.10000	-0.73003	-4.2979	0.011382	-0.51589	2.2474E-6
28.91667	20.13367	-4.10000	-0.67155	-4.2979	0.0036461	-0.50721	2.0355E-6
29.50000	20.13367	-4.10000	-0.61528	-4.2979	-717.22E-6	-0.47425	1.8079E-6
30.08333	20.13367	-4.10000	-0.56138	-4.2979	-0.0014863	-0.40919	1.5399E-6
30.66667	20.13367	-4.10000	-0.51098	-4.2979	-0.0011870	-0.33961	1.2791E-6
31.25000	20.13367	-4.10000	-0.46478	-4.2979	-799.06E-6	-0.28001	1.0588E-6
31.83333	20.13367	-4.10000	-0.42288	-4.2979	-516.61E-6	-0.23298	0.0
32.41667	20.13367	-4.10000	-0.38501	-4.2979	-335.48E-6	-0.19673	0.0
33.00000	20.13367	-4.10000	-0.35079	-4.2979	-222.98E-6	-0.16873	0.0
33.58333	20.13367	-4.10000	-0.31984	-4.2979	-152.93E-6	-0.14677	0.0
34.16667	20.13367	-4.10000	-0.29178	-4.2979	-108.52E-6	-0.12921	0.0
34.75000	20.13367	-4.10000	-0.26629	-4.2979	-79.621E-6	-0.11490	0.0
35.33333	20.13367	-4.10000	-0.24367	-4.2979	-60.255E-6	-0.10301	0.0
35.91667	20.13367	-4.10000	-0.22198	-4.2979	-46.868E-6	-0.092967	0.0
36.50000	20.13367	-4.10000	-0.20271	-4.2979	-37.327E-6	-0.084367	0.0
37.08333	20.13367	-4.10000	-0.18511	-4.2979	-30.325E-6	-0.076916	0.0
37.66667	20.13367	-4.10000	-0.16903	-4.2979	-25.049E-6	-0.070396	0.0
38.25000	20.13367	-4.10000	-0.15367	-4.2979	-20.876E-6	-0.06466E	0.0
38.83333	20.13367	-4.10000	-0.14089	-4.2979	-17.766E-6	-0.059540	0.0
39.41667	20.13367	-4.10000	-0.12859	-4.2979	-15.190E-6	-0.054981	0.0
40.00000	20.13367	-4.10000	-0.11734	-4.2979	-13.092E-6	-0.050891	0.0
5.00000	20.72583	-4.10000	-0.85228	-4.2979	-895.06E-6	-0.52039	1.9813E-6
5.58333	20.72583	-4.10000	-0.94312	-4.2979	-0.0013120	-0.62728	2.3829E-6
6.16667	20.72583	-4.10000	-1.0420	-4.2979	-0.0020141	-0.76942	2.9135E-6
6.75000	20.72583	-4.10000	-1.1550	-4.2979	-0.0032878	-0.96511	3.6370E-6
7.33333	20.72583	-4.10000	-1.2832	-4.2979	-0.0058452	-1.2476	4.6647E-6
7.91667	20.72583	-4.10000	-1.4301	-4.2979	-0.011806	-1.6841	6.2066E-6
8.50000	20.72583	-4.10000	-1.6012	-4.2979	-0.029470	-2.4337	8.6956E-6
9.08333	20.72583	-4.10000	-1.8068	-4.2979	-0.11116	-4.0355	12.959E-6
9.66667	20.72583	-4.10000	-2.0773	-4.2979	-1.1012	-9.5759	11.422E-6
10.25000	20.72583	-4.10000	-2.6164	-4.2979	-26.809	-40.992	-461.13E-6
10.83333	20.72583	-4.10000	-2.8448	-4.2979	-30.328	-48.500	-513.47E-6
11.41667	20.72583	-4.10000	-2.9115	-4.2979	-25.164	-36.242	-441.42E-6
12.00000	20.72583	-4.10000	-2.6743	-4.2979	-12.588	-15.480	-231.02E-6
12.58333	20.72583	-4.10000	-2.9082	-4.2979	-21.688	-31.551	-379.25E-6
13.16667	20.72583	-4.10000	-3.1452	-4.2979	-29.497	-48.964	-492.50E-6
13.75000	20.72583	-4.10000	-3.1678	-4.2979	-29.727	-48.84E	-492.50E-6
14.33333	20.72583	-4.10000	-3.0568	-4.2979	-29.526	-50.657	-486.65E-6
14.91667	20.72583	-4.10000	-2.8108	-4.2979	-29.029	-46.586	-490.85E-6
15.50000	20.72583	-4.10000	-2.3258	-4.2979	-21.959	-27.596	-400.70E-6
16.08333	20.72583	-4.10000	-1.3639	-4.2979	25.344	35.116	449.91E-6
16.66667	20.72583	-4.10000	-1.1146	-4.2979	22.095	34.754	376.31E-6
17.25000	20.72583	-4.10000	-1.2555	-4.2979	-7.9568	-2.7556	-172.99E-6
17.83333	20.72583	-4.10000	-1.2213	-4.2979	-8.6723	-5.5628	-178.78E-6
18.41667	20.72583	-4.10000	-1.1174	-4.2979	-8.6772	-5.3376	-179.76E-6
19.00000	20.72583	-4.10000	-1.0774	-4.2979	-8.7293	-6.0012	-178.41E-6
19.58333	20.72583	-4.10000	-1.0519	-4.2979	-8.4261	-5.8199	-175.14E-6
20.16667	20.72583	-4.10000	-1.1336	-4.2979	-9.3499	-9.6158	-178.83E-6
20.75000	20.72583	-4.10000	-1.1085	-4.2979	-4.8186	-5.7914	-88.945E-6
21.33333	20.72583	-4.10000	-1.0503	-4.2979	-0.088096	0.19802	-2.7953E-6
21.91667	20.72583	-4.10000	-1.0312	-4.2979	0.057121	0.96228	-2.3835E-6
22.50000	20.72583	-4.10000	-1.0189	-4.2979	0.086768	1.09216	-2.1991E-6
23.08333	20.72583	-4.10000	-1.0218	-4.2979	0.058108	0.54612	0.0
23.66667	20.72583	-4.10000	-1.0280	-4.2979	0.013773	-0.25407	1.2954E-6
24.25000	20.72583	-4.10000	-1.0206	-4.2979	-0.010240	-0.80228	2.8501E-6
24.83333	20.72583	-4.10000	-0.99451	-4.2979	-0.018519	-1.0514	3.6175E-6
25.41667	20.72583	-4.10000	-0.95280	-4.2979	-0.019331	-1.0353	3.7676E-6
26.00000	20.72583	-4.10000	-0.90010	-4.2979	-0.015427	-1.0032	3.5034E-6
26.58333	20.72583	-4.10000	-0.84136	-4.2979	-0.0085036	-0.83502	3.0161E-6
27.16667	20.72583	-4.10000	-0.78157	-4.2979	-0.0028322	-0.66983	2.5115E-6
27.75000	20.72583	-4.10000	-0.72393	-4.2979	-274.11E-6	-0.55208	2.1176E-6
28.33333	20.72583	-4.10000	-0.66586	-4.2979	-101.48E-6	-0.47851	1.8420E-6
28.91667	20.72583	-4.10000	-0.61758	-4.2979	-431.95E-6	-0.42715	1.6333E-6
29.50000	20.72583	-4.10000	-0.56820	-4.2979	-851.34E-6	-0.38002	1.4423E-6
30.08333	20.72583	-4.10000	-0.52128	-4.2979	-881.53E-6	-0.33114	1.2536E-6
30.66667	20.72583	-4.10000	-0.47721	-4.2979	-713.75E-6	-0.28397	1.0760E-6
31.25000	20.72583	-4.10000	-0.42583	-4.2979	-520.13E-6	-0.24229	0.9145E-6
31.83333	20.72583	-4.10000	-0.39873	-4.2979	-364.23E-6	-0.20745	0.0
32.41667	20.72583	-4.10000	-0.36433	-4.2979	-253.25E-6	-0.17905	0.0
33.00000	20.72583	-4.10000	-0.33293	-4.2979	-177.97E-6	-0.15604	0.0
33.58333	20.72583	-4.10000	-0.30430	-4.2979	-127.57E-6	-0.13732	0.0
34.16667	20.72583	-4.10000	-0.27583	-4.2979	-93.664E-6	-0.12188	0.0
34.75000	20.72583	-4.10000	-0.25434	-4.2979	-70.527E-6	-0.10910	0.0
35.33333	20.72583	-4.10000	-0.23256	-4.2979	-54.415E-6	-0.098281	0.0
35.91667	20.72583	-4.10000	-0.21265	-4.2979	-42.934E-6	-0.089034	0.0
36.50000	20.72583	-4.10000	-0.19444	-4.2979	-34.554E-6	-0.081046	0.0
37.08333	20.72583	-4.10000	-0.17777	-4.2979	-28.293E-6	-0.07407	1.3404E-6
37.66667	20.72583	-4.10000	-0.16251	-4.2979	-23.508E-6	-0.067950	0.0
38.25000	20.72583	-4.10000	-0.14853	-4.2979	-19.776E-6	-0.062523	0.0
38.83333	20.72583	-4.10000	-0.13572	-4.2979	-16.811E-6	-0.057687	0.0
39.41667	20.72583	-4.10000	-0.12398	-4.2979	-14.418E-6	-0.053356	0.0
40.00000	20.72583	-4.10000	-0.11980	-4.2979	-12.459E-6	-0.049461	0.0
5.00000	21.31800	-4.10000	-0.80010	-4.2979	-758.31E-6	-0.47207	1.7986E-6
5.58333	21.31800	-4.10000	-0.88039	-4.2979	-0.0010875	-0.56236	2.1383E-6
6.16667	21.31800	-4.10000	-0.96942	-4.2979	-0.0016237	-0.67969	2.5774E-6
6.75000	21.31800	-4.10000	-1.0688	-4.2979	-0.0025557	-0.83656	3.1593E-6
7.33333	21.31800	-4.10000	-1.1787	-4.2979	-0.0043241	-1.0543	3.9561E-6
7.91667	21.31800	-4.10000	-1.3022	-4.2979	-0.0081402	-1.3729	5.0939E-6
8.50000	21.31800	-4.10000	-1.4411	-4.2979	-0.018202	-1.8793	6.8098E-6
9.08333	21.31800	-4.10000	-1.5993	-4.2979	-0.055448	-2.8087	9.5254E-6
9.66667	21.31800	-4.10000	-1.7828	-4.2979	-0.29581	-5.0072	12.435E-6
10.25000	21.31800	-4.10000	-1.9880	-4.2979	-1.613E-6	-9.9906	1.1880E-6
10.83333	21.31800	-4.10000	-2.1343	-4.2979	-2.0806	-12.260	0.0
11.41667	21.31800	-4.10000	-2.2022	-4.2979	-1.8530	-11.181	0.0
12.00000	21.31800	-4.10000	-2.2439	-4.2979	-1.5623	-9.8210	1.7205E-6
12.58333	21.31800	-4.10000	-2.3098	-4.2979	-1.6906	-11.058	3.5187E-6
13.16667	21.31800	-4.10000	-2.3633	-4.2979	-1.8939	-12.988	6.2507E-6
13.75000	21.31800	-4.10000	-2.3533	-4.2979	-1.9126	-13.574	8.0738E-6
14.33333	21.31800	-4.10000	-2.2673	-4.2979	-1.8502	-12.949	7.1095E-6
14.91667	21.31800	-4.10000	-2.1001	-4.2979	-1.6877	-10.878	2.8909E-6
15.50000	21.31800	-4.10000	-1.8421	-4.2979	-0.90396	-5.4932	0.0
16.08333	21.31800	-4.10000	-1.5324	-4.2979	1.2826	3.6925	15.399E-6
16.66667	21.31800	-4.10000	-1.3417	-4.2979	1.1283	4.8723	7.2996E-6
17.25000	21.31800	-4.10000	-1.2581	-4.2979	-0.34434	0.53181	-9.9942E-6
17.83333	21.31800	-4.10000	-1.1713	-4.2979	-0.54089	-0.53848	-10.414E-6
18.41667	21.31800	-4.10000	-1.0958	-4.2979	-0.56432	-0.67446	-10.431E-6
19.00000	21.31800	-4.10000	-1.0484	-4.2979	-0.57592	-0.87277	-9.9361E-6
19.58333	21.31800	-4.10000	-1.0280	-4.2979	-0.59168	-1.2578	-8.8189E-6
20.16667	21.31800	-4.10000	-1.0206	-4.2979	-0.58932	-1.5709	-7.5595E-6
20.75000	21.31800	-4.10000	-1.0056	-4.2979	-0.29929	-0.91989	-3.3695E-6
21.33333	21.31800	-4.10000	-0.				



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
34.75000	21.31800	-4.10000	-0.24225	-4.2979	-61.780E-6	-0.10326	0.0
35.33333	21.31800	-4.10000	-0.22188	-4.2979	-48.614E-6	-0.093482	0.0
35.91667	21.31800	-4.10000	-0.20319	-4.2979	-38.942E-6	-0.085030	0.0
36.50000	21.31800	-4.10000	-0.18604	-4.2979	-31.707E-6	-0.077659	0.0
37.08333	21.31800	-4.10000	-0.17031	-4.2979	-26.193E-6	-0.071183	0.0
37.66667	21.31800	-4.10000	-0.15587	-4.2979	-21.915E-6	-0.065454	0.0
38.25000	21.31800	-4.10000	-0.14261	-4.2979	-18.537E-6	-0.060355	0.0
38.83333	21.31800	-4.10000	-0.13044	-4.2979	-15.829E-6	-0.055794	0.0
39.41667	21.31800	-4.10000	-0.11927	-4.2979	-13.626E-6	-0.051695	0.0
40.00000	21.31800	-4.10000	-0.10902	-4.2979	-11.812E-6	-0.047997	0.0
5.00000	21.91017	-4.10000	-0.74807	-4.2979	-632.51E-6	-0.42552	1.6228E-6
5.58333	21.91017	-4.10000	-0.81961	-4.2979	-884.90E-6	-0.50072	1.9059E-6
6.16667	21.91017	-4.10000	-0.89803	-4.2979	-0.0012799	-0.59585	2.2628E-6
6.75000	21.91017	-4.10000	-0.98395	-4.2979	-0.0019308	-0.71886	2.7210E-6
7.33333	21.91017	-4.10000	-1.0780	-4.2979	-0.0030786	-0.88205	3.3223E-6
7.91667	21.91017	-4.10000	-1.1807	-4.2979	-0.0052955	-1.1036	4.1319E-6
8.50000	21.91017	-4.10000	-1.2925	-4.2979	-0.010138	-1.4261	5.2524E-6
9.08333	21.91017	-4.10000	-1.4128	-4.2979	-0.022370	-1.9081	6.8244E-6
9.66667	21.91017	-4.10000	-1.5390	-4.2979	-0.055037	-2.6406	8.8882E-6
10.25000	21.91017	-4.10000	-1.6608	-4.2979	-0.11236	-3.5312	10.987E-6
10.83333	21.91017	-4.10000	-1.7604	-4.2979	-0.14400	-4.0877	12.402E-6
11.41667	21.91017	-4.10000	-1.8304	-4.2979	-0.13510	-4.1574	12.876E-6
12.00000	21.91017	-4.10000	-1.8796	-4.2979	-0.12168	-4.1412	13.123E-6
12.58333	21.91017	-4.10000	-1.9162	-4.2979	-0.13264	-4.3908	13.830E-6
13.16667	21.91017	-4.10000	-1.9319	-4.2979	-0.15346	-4.7249	14.635E-6
13.75000	21.91017	-4.10000	-1.9220	-4.2979	-0.16221	-4.7949	14.702E-6
14.33333	21.91017	-4.10000	-1.8481	-4.2979	-0.15496	-4.4457	13.526E-6
14.91667	21.91017	-4.10000	-1.7392	-4.2979	-0.12485	-3.5783	10.884E-6
15.50000	21.91017	-4.10000	-1.5929	-4.2979	-0.050700	-2.1137	6.9612E-6
16.08333	21.91017	-4.10000	-1.4348	-4.2979	0.049701	-0.4791	2.9907E-6
16.66667	21.91017	-4.10000	-1.3017	-4.2979	0.065025	-0.27163	0.0
17.25000	21.91017	-4.10000	-1.2018	-4.2979	0.014032	0.20141	0.0
17.83333	21.91017	-4.10000	-1.1215	-4.2979	-0.012427	0.10289	0.0
18.41667	21.91017	-4.10000	-1.0568	-4.2979	-0.020358	0.082974	0.0
19.00000	21.91017	-4.10000	-1.0093	-4.2979	-0.02455	0.031643	0.0
19.58333	21.91017	-4.10000	-0.97728	-4.2979	-0.027440	-0.076267	0.0
20.16667	21.91017	-4.10000	-0.95493	-4.2979	-0.026915	-0.17387	0.0
20.75000	21.91017	-4.10000	-0.93561	-4.2979	-0.015708	-0.17217	0.0
21.33333	21.91017	-4.10000	-0.91665	-4.2979	-0.0024276	-0.11955	0.0
21.91667	21.91017	-4.10000	-0.89847	-4.2979	0.0030982	-0.11045	0.0
22.50000	21.91017	-4.10000	-0.88111	-4.2979	0.0041868	-0.15282	0.0
23.08333	21.91017	-4.10000	-0.86390	-4.2979	0.0032057	-0.23441	0.0
23.66667	21.91017	-4.10000	-0.84514	-4.2979	0.0013860	-0.33153	1.3074E-6
24.25000	21.91017	-4.10000	-0.82271	-4.2979	-286.44E-6	-0.41490	1.5896E-6
24.83333	21.91017	-4.10000	-0.79525	-4.2979	-0.0013585	-0.46656	1.7637E-6
25.41667	21.91017	-4.10000	-0.76267	-4.2979	-0.0017931	-0.48365	1.8193E-6
26.00000	21.91017	-4.10000	-0.72585	-4.2979	-0.0017749	-0.47244	1.7766E-6
26.58333	21.91017	-4.10000	-0.68617	-4.2979	-0.0014956	-0.44284	1.6691E-6
27.16667	21.91017	-4.10000	-0.64508	-4.2979	-0.0011484	-0.40488	1.5311E-6
27.75000	21.91017	-4.10000	-0.60197	-4.2979	-861.85E-6	-0.35379	1.3880E-6
28.33333	21.91017	-4.10000	-0.56315	-4.2979	-671.98E-6	-0.32962	1.2526E-6
28.91667	21.91017	-4.10000	-0.52364	-4.2979	-553.86E-6	-0.29643	1.1276E-6
29.50000	21.91017	-4.10000	-0.48559	-4.2979	-468.14E-6	-0.26584	1.0119E-6
30.08333	21.91017	-4.10000	-0.44921	-4.2979	-390.63E-6	-0.23742	0.0
30.66667	21.91017	-4.10000	-0.41401	-4.2979	-316.31E-6	-0.21126	0.0
31.25000	21.91017	-4.10000	-0.38223	-4.2979	-248.93E-6	-0.18764	0.0
31.83333	21.91017	-4.10000	-0.35185	-4.2979	-192.25E-6	-0.16674	0.0
32.41667	21.91017	-4.10000	-0.32357	-4.2979	-147.25E-6	-0.14853	0.0
33.00000	21.91017	-4.10000	-0.29736	-4.2979	-112.86E-6	-0.13280	0.0
33.58333	21.91017	-4.10000	-0.27313	-4.2979	-87.103E-6	-0.11926	0.0
34.16667	21.91017	-4.10000	-0.25076	-4.2979	-67.973E-6	-0.10759	0.0
34.75000	21.91017	-4.10000	-0.23015	-4.2979	-53.754E-6	-0.097491	0.0
35.33333	21.91017	-4.10000	-0.21116	-4.2979	-43.113E-6	-0.088708	0.0
35.91667	21.91017	-4.10000	-0.19367	-4.2979	-35.063E-6	-0.081022	0.0
36.50000	21.91017	-4.10000	-0.17758	-4.2979	-28.893E-6	-0.074236	0.0
37.08333	21.91017	-4.10000	-0.16277	-4.2979	-24.097E-6	-0.068265	0.0
37.66667	21.91017	-4.10000	-0.14915	-4.2979	-20.314E-6	-0.062932	0.0
38.25000	21.91017	-4.10000	-0.13662	-4.2979	-17.288E-6	-0.058161	0.0
38.83333	21.91017	-4.10000	-0.12509	-4.2979	-14.837E-6	-0.053875	0.0
39.41667	21.91017	-4.10000	-0.11419	-4.2979	-12.826E-6	-0.050001	0.0
40.00000	21.91017	-4.10000	-0.10475	-4.2979	-11.158E-6	-0.046509	0.0
5.00000	22.50233	-4.10000	-0.69694	-4.2979	-521.00E-6	-0.38199	1.4575E-6
5.58333	22.50233	-4.10000	-0.76031	-4.2979	-709.85E-6	-0.44372	1.6906E-6
6.16667	22.50233	-4.10000	-0.82897	-4.2979	-592.41E-6	-0.51983	1.9769E-6
6.75000	22.50233	-4.10000	-0.90323	-4.2979	-0.0014312	-0.61487	2.2889E-6
7.33333	22.50233	-4.10000	-0.98289	-4.2979	-0.0021432	-0.73522	2.7790E-6
7.91667	22.50233	-4.10000	-1.0681	-4.2979	-0.0033591	-0.88975	3.3454E-6
8.50000	22.50233	-4.10000	-1.1580	-4.2979	-0.0055417	-1.0901	4.0660E-6
9.08333	22.50233	-4.10000	-1.2511	-4.2979	-0.0095336	-1.3480	4.9660E-6
9.66667	22.50233	-4.10000	-1.3439	-4.2979	-0.016187	-0.01366	6.0136E-6
10.25000	22.50233	-4.10000	-1.4307	-4.2979	-0.024174	-1.9773	7.0489E-6
10.83333	22.50233	-4.10000	-1.5047	-4.2979	-0.029192	-2.2127	7.8388E-6
11.41667	22.50233	-4.10000	-1.5620	-4.2979	-0.029812	-2.3384	8.3081E-6
12.00000	22.50233	-4.10000	-1.6028	-4.2979	-0.029524	-2.4157	8.6119E-6
12.58333	22.50233	-4.10000	-1.6274	-4.2979	-0.031496	-2.4997	8.8897E-6
13.16667	22.50233	-4.10000	-1.6326	-4.2979	-0.034560	-2.5586	9.0456E-6
13.75000	22.50233	-4.10000	-1.6135	-4.2979	-0.035665	-2.5122	8.8415E-6
14.33333	22.50233	-4.10000	-1.5669	-4.2979	-0.032874	-2.3007	8.0923E-6
14.91667	22.50233	-4.10000	-1.4941	-4.2979	-0.024855	-1.9020	6.7436E-6
15.50000	22.50233	-4.10000	-1.4016	-4.2979	-0.011016	-1.3519	4.9399E-6
16.08333	22.50233	-4.10000	-1.3016	-4.2979	0.0027599	-0.79168	3.1094E-6
16.66667	22.50233	-4.10000	-1.2077	-4.2979	0.0084697	-0.40384	1.7491E-6
17.25000	22.50233	-4.10000	-1.1266	-4.2979	0.0061547	-0.21615	0.0
17.83333	22.50233	-4.10000	-1.0583	-4.2979	0.0028692	-0.12853	0.0
18.41667	22.50233	-4.10000	-0.99621	-4.2979	977.25E-6	-0.083604	0.0
19.00000	22.50233	-4.10000	-0.95732	-4.2979	-226.52E-6	-0.075492	0.0
19.58333	22.50233	-4.10000	-0.92264	-4.2979	-0.0011736	-0.098710	0.0
20.16667	22.50233	-4.10000	-0.89524	-4.2979	-0.0014739	-0.13282	0.0
20.75000	22.50233	-4.10000	-0.87203	-4.2979	-676.96E-6	-0.15751	0.0
21.33333	22.50233	-4.10000	-0.85091	-4.2979	-573.94E-6	-0.17322	0.0
21.91667	22.50233	-4.10000	-0.83085	-4.2979	0.0013231	-0.19315	0.0
22.50000	22.50233	-4.10000	-0.81122	-4.2979	0.0014083	-0.22425	0.0
23.08333	22.50233	-4.10000	-0.79129	-4.2979	0.0010238	-0.26520	1.0439E-6
23.66667	22.50233	-4.10000	-0.77006	-4.2979	418.50E-6	-0.30882	1.1977E-6
24.25000	22.50233	-4.10000	-0.74651	-4.2979	-169.61E-6	-0.34565	1.3258E-6
24.83333	22.50233	-4.10000	-0.71996	-4.2979	-592.64E-6	-0.36873	1.4048E-6
25.41667	22.50233	-4.10000	-0.69030	-4.2979	-812.11E-6	-0.37585	1.4272E-6
26.00000	22.50233	-4.10000	-0.65794	-4.2979	-859.48E-6	-0.36877	1.3989E-6
26.58333	22.50233	-4.10000	-0.62364	-4.2979	-795.21E-6	-0.35139	1.3335E-6
27.16667	22.50233	-4.10000	-0.58824	-4.2979	-682.01E-6	-0.32808	1.2444E-6
27.75000	22.50233	-4.10000	-0.55253	-4.2979	-566.01E-6	-0.30243	1.1504E-6
28.33333	22.50233	-4.10000	-0.51713	-4.2979	-468.67E-6	-0.27670	1.0537E-6
28.91667	22.50233	-4.10000	-0.48249	-4.2979	-391.84E-6	-0.25193	0.0
29.50000	22.50233	-4.10000	-0.44935	-4.2979	-328.96E-6	-0.22847	0.0
30.08333	22.50233	-4.10000	-0.41673	-4.2979	-274.07E-6	-0.20647	0.0
30.66667	22.50233	-4.10000	-0.38602	-4.2979	-224.83E-6	-0.18607	0.0
31.25000	22.50233	-4.10000	-0.35694	-4.2979	-181.47E-6	-0.16744	0.0
31.83333	22.50233	-4.10000	-0.32957	-4.2979	-144.67E-6	-0.15066	0.0
32.41667	22.50233						



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
	10.25000	23.09450	-4.10000	-1.2489	-4.2979	-0.0086041	-1.3185	4.8737E-6
	10.83333	23.09450	-4.10000	-1.3058	-4.2979	-0.010059	-1.4461	5.3310E-6
	11.41667	23.09450	-4.10000	-1.3510	-4.2979	-0.010757	-1.5351	5.6574E-6
	12.00000	23.09450	-4.10000	-1.3833	-4.2979	-0.011160	-1.5936	5.8732E-6
	12.58333	23.09450	-4.10000	-1.4014	-4.2979	-0.011706	-1.6288	5.9960E-6
	13.16667	23.09450	-4.10000	-1.4037	-4.2979	-0.012214	-1.6303	5.9902E-6
	13.75000	23.09450	-4.10000	-1.3884	-4.2979	-0.012094	-1.5758	5.7832E-6
	14.33333	23.09450	-4.10000	-1.3548	-4.2979	-0.010830	-1.4472	5.3174E-6
	14.91667	23.09450	-4.10000	-1.3045	-4.2979	-0.0082005	-1.2428	4.5920E-6
	15.50000	23.09450	-4.10000	-1.2418	-4.2979	-0.0045216	-0.98592	3.6886E-6
	16.08333	23.09450	-4.10000	-1.1730	-4.2979	-0.002626	-0.72482	2.7671E-6
	16.66667	23.09450	-4.10000	-1.1048	-4.2979	0.0012594	-0.51027	1.9921E-6
	17.25000	23.09450	-4.10000	-1.0417	-4.2979	0.0018642	-0.36142	1.4334E-6
	17.83333	23.09450	-4.10000	-0.98589	-4.2979	0.0017094	-0.26638	1.0642E-6
	18.41667	23.09450	-4.10000	-0.93777	-4.2979	0.0014021	-0.20929	0.0
	19.00000	23.09450	-4.10000	-0.89226	-4.2979	0.0010814	-0.18121	0.0
	19.58333	23.09450	-4.10000	-0.86353	-4.2979	774.47E-6	-0.17498	0.0
	20.16667	23.09450	-4.10000	-0.83514	-4.2979	570.47E-6	-0.18164	0.0
	20.75000	23.09450	-4.10000	-0.81042	-4.2979	538.44E-6	-0.19313	0.0
	21.33333	23.09450	-4.10000	-0.78796	-4.2979	607.25E-6	-0.20613	0.0
	21.91667	23.09450	-4.10000	-0.76714	-4.2979	635.18E-6	-0.22134	0.0
	22.50000	23.09450	-4.10000	-0.74598	-4.2979	547.61E-6	-0.23972	0.0
	23.08333	23.09450	-4.10000	-0.72502	-4.2979	352.18E-6	-0.26044	1.0101E-6
	23.66667	23.09450	-4.10000	-0.70317	-4.2979	101.36E-6	-0.28072	1.0823E-6
	24.25000	23.09450	-4.10000	-0.67984	-4.2979	-140.77E-6	-0.29699	1.1393E-6
	24.83333	23.09450	-4.10000	-0.65466	-4.2979	-326.47E-6	-0.30638	1.1712E-6
	25.41667	23.09450	-4.10000	-0.62753	-4.2979	-436.33E-6	-0.30773	1.1738E-6
	26.00000	23.09450	-4.10000	-0.59867	-4.2979	-475.98E-6	-0.30151	1.1489E-6
	26.58333	23.09450	-4.10000	-0.56850	-4.2979	-464.25E-6	-0.28933	1.1024E-6
	27.16667	23.09450	-4.10000	-0.53783	-4.2979	-423.47E-6	-0.27321	1.0413E-6
	27.75000	23.09450	-4.10000	-0.50630	-4.2979	-372.00E-6	-0.25000	0.0
	28.33333	23.09450	-4.10000	-0.47524	-4.2979	-321.11E-6	-0.23605	0.0
	28.91667	23.09450	-4.10000	-0.44472	-4.2979	-274.96E-6	-0.21724	0.0
	29.50000	23.09450	-4.10000	-0.41504	-4.2979	-233.99E-6	-0.19903	0.0
	30.08333	23.09450	-4.10000	-0.38641	-4.2979	-197.40E-6	-0.18172	0.0
	30.66667	23.09450	-4.10000	-0.35899	-4.2979	-164.78E-6	-0.16550	0.0
	31.25000	23.09450	-4.10000	-0.33291	-4.2979	-135.95E-6	-0.15049	0.0
	31.83333	23.09450	-4.10000	-0.30823	-4.2979	-111.23E-6	-0.13678	0.0
	32.41667	23.09450	-4.10000	-0.28501	-4.2979	-90.53E-6	-0.12438	0.0
	33.00000	23.09450	-4.10000	-0.26324	-4.2979	-73.58E-6	-0.11324	0.0
	33.58333	23.09450	-4.10000	-0.24289	-4.2979	-59.93E-6	-0.10330	0.0
	34.16667	23.09450	-4.10000	-0.22394	-4.2979	-49.045E-6	-0.094438	0.0
	34.75000	23.09450	-4.10000	-0.20631	-4.2979	-40.395E-6	-0.086541	0.0
	35.33333	23.09450	-4.10000	-0.18995	-4.2979	-33.525E-6	-0.079497	0.0
	35.91667	23.09450	-4.10000	-0.17477	-4.2979	-28.049E-6	-0.073209	0.0
	36.50000	23.09450	-4.10000	-0.16072	-4.2979	-23.659E-6	-0.067556	0.0
	37.08333	23.09450	-4.10000	-0.14772	-4.2979	-20.114E-6	-0.062483	0.0
	37.66667	23.09450	-4.10000	-0.13570	-4.2979	-17.227E-6	-0.057909	0.0
	38.25000	23.09450	-4.10000	-0.12458	-4.2979	-14.855E-6	-0.053773	0.0
	38.83333	23.09450	-4.10000	-0.11432	-4.2979	-12.889E-6	-0.050020	0.0
	39.41667	23.09450	-4.10000	-0.10484	-4.2979	-11.246E-6	-0.046611	0.0
	40.00000	23.09450	-4.10000	-0.096097	-4.2979	-9.8632E-6	-0.043501	0.0
	5.00000	23.68667	-4.10000	-0.59967	-4.2979	-345.08E-6	-0.30527	1.1664E-6
	5.58333	23.68667	-4.10000	-0.64880	-4.2979	-445.93E-6	-0.34612	1.3212E-6
	6.16667	23.68667	-4.10000	-0.70688	-4.2979	-583.57E-6	-0.39381	1.5019E-6
	6.75000	23.68667	-4.10000	-0.75571	-4.2979	-773.54E-6	-0.44983	1.7127E-6
	7.33333	23.68667	-4.10000	-0.81292	-4.2979	-0.0010375	-0.51507	1.9576E-6
	7.91667	23.68667	-4.10000	-0.87187	-4.2979	-0.0014033	-0.59048	2.2392E-6
	8.50000	23.68667	-4.10000	-0.93159	-4.2979	-0.0018997	-0.67599	2.5568E-6
	9.08333	23.68667	-4.10000	-0.99066	-4.2979	-0.0025383	-0.76988	2.9019E-6
	9.66667	23.68667	-4.10000	-1.0472	-4.2979	-0.0032781	-0.86588	3.2555E-6
	10.25000	23.68667	-4.10000	-1.0989	-4.2979	-0.0040056	-0.95675	3.5883E-6
	10.83333	23.68667	-4.10000	-1.1436	-4.2979	-0.0045863	-1.0335	3.8702E-6
	11.41667	23.68667	-4.10000	-1.1794	-4.2979	-0.0049730	-1.0911	4.0829E-6
	12.00000	23.68667	-4.10000	-1.2086	-4.2979	-0.0052279	-1.12049	4.2210E-6
	12.58333	23.68667	-4.10000	-1.2190	-4.2979	-0.0054087	-1.1449	4.2795E-6
	13.16667	23.68667	-4.10000	-1.2207	-4.2979	-0.0054627	-1.1354	4.2421E-6
	13.75000	23.68667	-4.10000	-1.2094	-4.2979	-0.0052487	-1.0933	4.0849E-6
	14.33333	23.68667	-4.10000	-1.1852	-4.2979	-0.0046392	-1.0137	3.7929E-6
	14.91667	23.68667	-4.10000	-1.1495	-4.2979	-0.0036105	-0.89945	3.3758E-6
	15.50000	23.68667	-4.10000	-1.1050	-4.2979	-0.0023047	-0.76127	2.8755E-6
	16.08333	23.68667	-4.10000	-1.0555	-4.2979	-0.0010242	-0.61931	2.3589E-6
	16.66667	23.68667	-4.10000	-1.0047	-4.2979	-71.768E-6	-0.49239	1.8926E-6
	17.25000	23.68667	-4.10000	-0.95573	-4.2979	457.47E-6	-0.39125	1.5159E-6
	17.83333	23.68667	-4.10000	-0.91045	-4.2979	672.91E-6	-0.31705	1.2514E-6
	18.41667	23.68667	-4.10000	-0.86980	-4.2979	716.46E-6	-0.26645	1.0416E-6
	19.00000	23.68667	-4.10000	-0.83401	-4.2979	670.85E-6	-0.23526	0.0
	19.58333	23.68667	-4.10000	-0.80276	-4.2979	582.16E-6	-0.21926	0.0
	20.16667	23.68667	-4.10000	-0.77530	-4.2979	489.28E-6	-0.21383	0.0
	20.75000	23.68667	-4.10000	-0.74871	-4.2979	417.43E-6	-0.21488	0.0
	21.33333	23.68667	-4.10000	-0.72808	-4.2979	363.18E-6	-0.21960	0.0
	21.91667	23.68667	-4.10000	-0.70661	-4.2979	303.39E-6	-0.22676	0.0
	22.50000	23.68667	-4.10000	-0.68565	-4.2979	219.95E-6	-0.23557	0.0
	23.08333	23.68667	-4.10000	-0.66465	-4.2979	111.59E-6	-0.24503	0.0
	23.66667	23.68667	-4.10000	-0.64313	-4.2979	-8.486E-6	-0.25309	0.0
	24.25000	23.68667	-4.10000	-0.62068	-4.2979	-121.03E-6	-0.25993	0.0
	24.83333	23.68667	-4.10000	-0.59706	-4.2979	-209.78E-6	-0.26244	1.0048E-6
	25.41667	23.68667	-4.10000	-0.57222	-4.2979	-266.66E-6	-0.26059	0.0
	26.00000	23.68667	-4.10000	-0.54625	-4.2979	-292.18E-6	-0.25450	0.0
	26.58333	23.68667	-4.10000	-0.51942	-4.2979	-292.61E-6	-0.24482	0.0
	27.16667	23.68667	-4.10000	-0.49205	-4.2979	-276.48E-6	-0.23270	0.0
	27.75000	23.68667	-4.10000	-0.46448	-4.2979	-251.67E-6	-0.21894	0.0
	28.33333	23.68667	-4.10000	-0.43704	-4.2979	-223.81E-6	-0.20443	0.0
	28.91667	23.68667	-4.10000	-0.41002	-4.2979	-196.08E-6	-0.18977	0.0
	29.50000	23.68667	-4.10000	-0.38366	-4.2979	-169.89E-6	-0.17537	0.0
	30.08333	23.68667	-4.10000	-0.35813	-4.2979	-145.71E-6	-0.16151	0.0
	30.66667	23.68667	-4.10000	-0.33360	-4.2979	-123.78E-6	-0.14837	0.0
	31.25000	23.68667	-4.10000	-0.31016	-4.2979	-104.23E-6	-0.13607	0.0
	31.83333	23.68667	-4.10000	-0.28789	-4.2979	-87.156E-6	-0.12470	0.0
	32.41667	23.68667	-4.10000	-0.26667	-4.2979	-72.558E-6	-0.11428	0.0
	33.00000	23.68667	-4.10000	-0.24701	-4.2979	-60.299E-6	-0.10479	0.0
	33.58333	23.68667	-4.10000	-0.22841	-4.2979	-50.148E-6	-0.096201	0.0
	34.16667	23.68667	-4.10000	-0.21100	-4.2979	-41.824E-6	-0.088445	0.0
	34.75000	23.68667	-4.10000	-0.19474	-4.2979	-35.035E-6	-0.081452	0.0
	35.33333	23.68667	-4.10000	-0.17960	-4.2979	-29.509E-6	-0.075148	0.0
	35.91667	23.68667	-4.10000	-0.16552	-4.2979	-25.004E-6	-0.069460	0.0
	36.50000	23.68667	-4.10000	-0.15243	-4.2979	-21.320E-6	-0.064320	0.0
	37.08333	23.68667	-4.10000	-0.14029	-4.2979	-18.292E-6	-0.059668	0.0
	37.66667	23.68667	-4.10000	-0.12904	-4.2979	-15.789E-6	-0.055447	0.0
	38.25000	23.68667	-4.10000	-0.11861	-4.2979	-13.705E-6	-0.051610	0.0
	38.83333	23.68667	-4.10000	-0.10896	-4.2979	-11.959E-6	-0.048113	0.0
	39.41667	23.68667	-4.10000	-0.10003	-4.2979	-10.487E-6	-0.044921	0.0
	40.00000	23.68667	-4.10000	-0.091771	-4.2979	-9.2362E-6	-0.042000	0.0
	5.00000	24.27883	-4.10000	-0.55430	-4.2979	-279.28E-6	-0.27223	1.042



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
21.33333	24.27883	-4.10000	-0.67145	-4.2979	179.95E-6	-0.22019	0.0
21.91667	24.27883	-4.10000	-0.65047	-4.2979	131.49E-6	-0.22142	0.0
22.50000	24.27883	-4.10000	-0.62999	-4.2979	76.313E-6	-0.22397	0.0
23.08333	24.27883	-4.10000	-0.60958	-4.2979	15.225E-6	-0.22693	0.0
23.66667	24.27883	-4.10000	-0.58888	-4.2979	-47.071E-6	-0.22936	0.0
24.25000	24.27883	-4.10000	-0.56763	-4.2979	-103.85E-6	-0.23039	0.0
24.83333	24.27883	-4.10000	-0.54566	-4.2979	-149.07E-6	-0.22930	0.0
25.41667	24.27883	-4.10000	-0.52291	-4.2979	-179.36E-6	-0.22574	0.0
26.00000	24.27883	-4.10000	-0.49944	-4.2979	-194.51E-6	-0.21973	0.0
26.58333	24.27883	-4.10000	-0.47540	-4.2979	-196.73E-6	-0.21158	0.0
27.16667	24.27883	-4.10000	-0.45102	-4.2979	-189.52E-6	-0.20178	0.0
27.75000	24.27883	-4.10000	-0.42652	-4.2979	-176.42E-6	-0.19087	0.0
28.33333	24.27883	-4.10000	-0.40214	-4.2979	-160.33E-6	-0.17935	0.0
28.91667	24.27883	-4.10000	-0.37811	-4.2979	-143.20E-6	-0.16762	0.0
29.50000	24.27883	-4.10000	-0.35461	-4.2979	-126.23E-6	-0.15600	0.0
30.08333	24.27883	-4.10000	-0.33179	-4.2979	-110.08E-6	-0.14470	0.0
30.66667	24.27883	-4.10000	-0.30979	-4.2979	-95.103E-6	-0.13389	0.0
31.25000	24.27883	-4.10000	-0.28869	-4.2979	-81.525E-6	-0.12368	0.0
31.83333	24.27883	-4.10000	-0.26858	-4.2979	-69.459E-6	-0.11413	0.0
32.41667	24.27883	-4.10000	-0.24948	-4.2979	-58.934E-6	-0.10528	0.0
33.00000	24.27883	-4.10000	-0.23143	-4.2979	-49.898E-6	-0.09748	0.0
33.58333	24.27883	-4.10000	-0.21443	-4.2979	-42.242E-6	-0.08965	0.0
34.16667	24.27883	-4.10000	-0.19846	-4.2979	-35.814E-6	-0.082853	0.0
34.75000	24.27883	-4.10000	-0.18350	-4.2979	-30.450E-6	-0.076648	0.0
35.33333	24.27883	-4.10000	-0.16981	-4.2979	-25.987E-6	-0.071003	0.0
35.91667	24.27883	-4.10000	-0.15646	-4.2979	-22.275E-6	-0.065456	0.0
36.50000	24.27883	-4.10000	-0.14430	-4.2979	-19.187E-6	-0.061190	0.0
37.08333	24.27883	-4.10000	-0.13298	-4.2979	-16.606E-6	-0.056928	0.0
37.66667	24.27883	-4.10000	-0.12247	-4.2979	-14.441E-6	-0.053039	0.0
38.25000	24.27883	-4.10000	-0.11270	-4.2979	-12.612E-6	-0.049485	0.0
38.83333	24.27883	-4.10000	-0.10365	-4.2979	-11.072E-6	-0.046232	0.0
39.41667	24.27883	-4.10000	-0.095251	-4.2979	-9.7564E-6	-0.043250	0.0
40.00000	24.27883	-4.10000	-0.087474	-4.2979	-8.6302E-6	-0.040510	0.0
5.00000	24.87100	-4.10000	-0.51143	-4.2979	-225.97E-6	-0.24341	0.0
5.58333	24.87100	-4.10000	-0.58922	-4.2979	-278.66E-6	-0.27026	1.0333E-6
6.16667	24.87100	-4.10000	-0.66854	-4.2979	-345.06E-6	-0.30031	1.1474E-6
6.75000	24.87100	-4.10000	-0.62909	-4.2979	-428.38E-6	-0.33371	1.2739E-6
7.33333	24.87100	-4.10000	-0.67046	-4.2979	-531.78E-6	-0.37044	1.4128E-6
7.91667	24.87100	-4.10000	-0.71207	-4.2979	-657.52E-6	-0.41016	1.5628E-6
8.50000	24.87100	-4.10000	-0.75318	-4.2979	-805.39E-6	-0.45211	1.7207E-6
9.08333	24.87100	-4.10000	-0.79289	-4.2979	-970.64E-6	-0.49494	1.8817E-6
9.66667	24.87100	-4.10000	-0.83015	-4.2979	-0.0011427	-0.53671	2.0384E-6
10.25000	24.87100	-4.10000	-0.86382	-4.2979	-0.0013063	-0.57506	2.1822E-6
10.83333	24.87100	-4.10000	-0.89279	-4.2979	-0.0014465	-0.60763	2.3042E-6
11.41667	24.87100	-4.10000	-0.91607	-4.2979	-0.0015528	-0.63237	2.3969E-6
12.00000	24.87100	-4.10000	-0.93291	-4.2979	-0.0016197	-0.64766	2.4542E-6
12.58333	24.87100	-4.10000	-0.94241	-4.2979	-0.0016422	-0.65217	2.4711E-6
13.16667	24.87100	-4.10000	-0.94448	-4.2979	-0.0016109	-0.64473	2.4432E-6
13.75000	24.87100	-4.10000	-0.93900	-4.2979	-0.0015147	-0.62460	2.3679E-6
14.33333	24.87100	-4.10000	-0.92833	-4.2979	-0.0013473	-0.59209	2.2466E-6
14.91667	24.87100	-4.10000	-0.90727	-4.2979	-0.0011173	-0.54884	2.0857E-6
15.50000	24.87100	-4.10000	-0.88307	-4.2979	-848.02E-6	-0.49839	1.8978E-6
16.08333	24.87100	-4.10000	-0.85524	-4.2979	-575.64E-6	-0.44514	1.6992E-6
16.66667	24.87100	-4.10000	-0.82538	-4.2979	-334.79E-6	-0.39358	1.5064E-6
17.25000	24.87100	-4.10000	-0.79190	-4.2979	-146.64E-6	-0.34729	1.3324E-6
17.83333	24.87100	-4.10000	-0.76494	-4.2979	-15.654E-6	-0.30810	1.1849E-6
18.41667	24.87100	-4.10000	-0.73628	-4.2979	64.928E-6	-0.27686	1.0666E-6
19.00000	24.87100	-4.10000	-0.70934	-4.2979	105.93E-6	-0.25323	0.0
19.58333	24.87100	-4.10000	-0.68423	-4.2979	118.36E-6	-0.23629	0.0
20.16667	24.87100	-4.10000	-0.66086	-4.2979	111.96E-6	-0.22489	0.0
20.75000	24.87100	-4.10000	-0.63896	-4.2979	94.210E-6	-0.21752	0.0
21.33333	24.87100	-4.10000	-0.61819	-4.2979	69.725E-6	-0.21318	0.0
21.91667	24.87100	-4.10000	-0.59819	-4.2979	40.704E-6	-0.21082	0.0
22.50000	24.87100	-4.10000	-0.57863	-4.2979	8.3541E-6	-0.20961	0.0
23.08333	24.87100	-4.10000	-0.55919	-4.2979	-25.766E-6	-0.20869	0.0
23.66667	24.87100	-4.10000	-0.53963	-4.2979	-59.250E-6	-0.20784	0.0
24.25000	24.87100	-4.10000	-0.51974	-4.2979	-89.223E-6	-0.20607	0.0
24.83333	24.87100	-4.10000	-0.49940	-4.2979	-113.15E-6	-0.20310	0.0
25.41667	24.87100	-4.10000	-0.47858	-4.2979	-129.51E-6	-0.19870	0.0
26.00000	24.87100	-4.10000	-0.45731	-4.2979	-138.07E-6	-0.19279	0.0
26.58333	24.87100	-4.10000	-0.43568	-4.2979	-139.67E-6	-0.18569	0.0
27.16667	24.87100	-4.10000	-0.41384	-4.2979	-135.82E-6	-0.17747	0.0
27.75000	24.87100	-4.10000	-0.39196	-4.2979	-128.19E-6	-0.16850	0.0
28.33333	24.87100	-4.10000	-0.37020	-4.2979	-118.29E-6	-0.15907	0.0
28.91667	24.87100	-4.10000	-0.34874	-4.2979	-107.30E-6	-0.14974	0.0
29.50000	24.87100	-4.10000	-0.32772	-4.2979	-96.014E-6	-0.13990	0.0
30.08333	24.87100	-4.10000	-0.30727	-4.2979	-84.984E-6	-0.13054	0.0
30.66667	24.87100	-4.10000	-0.28750	-4.2979	-74.546E-6	-0.12151	0.0
31.25000	24.87100	-4.10000	-0.26849	-4.2979	-64.911E-6	-0.11292	0.0
31.83333	24.87100	-4.10000	-0.25100	-4.2979	-56.198E-6	-0.10481	0.0
32.41667	24.87100	-4.10000	-0.23298	-4.2979	-48.458E-6	-0.097225	0.0
33.00000	24.87100	-4.10000	-0.21654	-4.2979	-41.684E-6	-0.090175	0.0
33.58333	24.87100	-4.10000	-0.20101	-4.2979	-35.827E-6	-0.083656	0.0
34.16667	24.87100	-4.10000	-0.18637	-4.2979	-30.809E-6	-0.077651	0.0
34.75000	24.87100	-4.10000	-0.17261	-4.2979	-26.538E-6	-0.072333	0.0
35.33333	24.87100	-4.10000	-0.15971	-4.2979	-22.917E-6	-0.067071	0.0
35.91667	24.87100	-4.10000	-0.14764	-4.2979	-19.852E-6	-0.062431	0.0
36.50000	24.87100	-4.10000	-0.13635	-4.2979	-17.258E-6	-0.058177	0.0
37.08333	24.87100	-4.10000	-0.12583	-4.2979	-15.059E-6	-0.054277	0.0
37.66667	24.87100	-4.10000	-0.11602	-4.2979	-13.190E-6	-0.050697	0.0
38.25000	24.87100	-4.10000	-0.10690	-4.2979	-11.596E-6	-0.047410	0.0
38.83333	24.87100	-4.10000	-0.098417	-4.2979	-10.233E-6	-0.044388	0.0
39.41667	24.87100	-4.10000	-0.090537	-4.2979	-9.0606E-6	-0.041605	0.0
40.00000	24.87100	-4.10000	-0.083224	-4.2979	-8.0493E-6	-0.039041	0.0
5.00000	25.46317	-4.10000	-0.46317	-4.2979	-183.16E-6	-0.21785	0.0
5.58333	25.46317	-4.10000	-0.50426	-4.2979	-221.38E-6	-0.23950	0.0
6.16667	25.46317	-4.10000	-0.53845	-4.2979	-267.96E-6	-0.26349	1.0075E-6
6.75000	25.46317	-4.10000	-0.57340	-4.2979	-324.27E-6	-0.28962	1.1067E-6
7.33333	25.46317	-4.10000	-0.60875	-4.2979	-391.33E-6	-0.31772	1.2133E-6
7.91667	25.46317	-4.10000	-0.64398	-4.2979	-469.39E-6	-0.34741	1.3257E-6
8.50000	25.46317	-4.10000	-0.67849	-4.2979	-557.26E-6	-0.37805	1.4415E-6
9.08333	25.46317	-4.10000	-0.71155	-4.2979	-651.73E-6	-0.40866	1.5571E-6
9.66667	25.46317	-4.10000	-0.74236	-4.2979	-747.33E-6	-0.43801	1.6678E-6
10.25000	25.46317	-4.10000	-0.77008	-4.2979	-837.05E-6	-0.46463	1.7682E-6
10.83333	25.46317	-4.10000	-0.79390	-4.2979	-913.78E-6	-0.48708	1.8527E-6
11.41667	25.46317	-4.10000	-0.81307	-4.2979	-971.65E-6	-0.50401	1.9165E-6
12.00000	25.46317	-4.10000	-0.82698	-4.2979	-0.0010062	-0.51431	1.9554E-6
12.58333	25.46317	-4.10000	-0.83520	-4.2979	-0.0010135	-0.51710	1.9660E-6
13.16667	25.46317	-4.10000	-0.83749	-4.2979	-989.40E-6	-0.51178	1.9461E-6
13.75000	25.46317	-4.10000	-0.83387	-4.2979	-930.50E-6	-0.49816	1.8950E-6
14.33333	25.46317	-4.10000	-0.82465	-4.2979	-836.55E-6	-0.47665	1.8144E-6
14.91667	25.46317	-4.10000	-0.81044	-4.2979	-712.74E-6	-0.44848	1.7089E-6
15.50000	25.46317	-4.10000	-0.79210	-4.2979	-570.38E-6	-0.41564	1.5858E-6
16.08333	25.46317	-4.10000	-0.77066	-4.2979	-424.60E-6	-0.38060	1.4544E-6
16.66667	25.46317	-4.10000	-0.74721	-4.2979	-290.55E-6	-0.34587	1.3239E-6
17.25000	25.46317	-4.10000	-0.72277	-4.2979	-178.55E-6	-0.31358	1.2022E-6
17.83333	25.46317	-4.10000	-0.69820	-4.2979	-93.266E-6	-0.28513	1.0948E-6
18.41667	25.46317	-4.10000	-0.67411	-4.2979	-34.238E-6	-0.26126	1.0043E-6
19.00000							



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z [Level] [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
	32.41667	25.46317	-4.10000	-0.21732	-4.2979	-40.293E-6	-0.089999
	33.00000	25.46317	-4.10000	-0.20236	-4.2979	-35.132E-6	-0.083859
	33.58333	25.46317	-4.10000	-0.18818	-4.2979	-30.592E-6	-0.078137
	34.16667	25.46317	-4.10000	-0.17477	-4.2979	-26.633E-6	-0.072823
	34.75000	25.46317	-4.10000	-0.16213	-4.2979	-23.204E-6	-0.067903
	35.33333	25.46317	-4.10000	-0.15024	-4.2979	-20.249E-6	-0.063257
	35.91667	25.46317	-4.10000	-0.13908	-4.2979	-17.708E-6	-0.059161
	36.50000	25.46317	-4.10000	-0.12863	-4.2979	-15.525E-6	-0.055291
	37.08333	25.46317	-4.10000	-0.11886	-4.2979	-13.650E-6	-0.051722
	37.66667	25.46317	-4.10000	-0.10973	-4.2979	-12.037E-6	-0.048430
	38.25000	25.46317	-4.10000	-0.10122	-4.2979	-10.646E-6	-0.045392
	38.83333	25.46317	-4.10000	-0.093286	-4.2979	-9.4442E-6	-0.042587
	39.41667	25.46317	-4.10000	-0.085904	-4.2979	-8.4023E-6	-0.039994
	40.00000	25.46317	-4.10000	-0.079040	-4.2979	-7.4963E-6	-0.037596
	5.00000	26.05533	-4.10000	-0.43349	-4.2979	-148.94E-6	-0.19497
	5.58333	26.05533	-4.10000	-0.46251	-4.2979	-176.82E-6	-0.21281
	6.16667	26.05533	-4.10000	-0.49225	-4.2979	-209.84E-6	-0.23209
	6.75000	26.05533	-4.10000	-0.52245	-4.2979	-248.51E-6	-0.25271
	7.33333	26.05533	-4.10000	-0.55275	-4.2979	-293.05E-6	-0.27449
	7.91667	26.05533	-4.10000	-0.58273	-4.2979	-343.14E-6	-0.29707
	8.50000	26.05533	-4.10000	-0.61188	-4.2979	-397.68E-6	-0.31995
	9.08333	26.05533	-4.10000	-0.63963	-4.2979	-454.63E-6	-0.34243
	9.66667	26.05533	-4.10000	-0.66536	-4.2979	-510.96E-6	-0.36368
	10.25000	26.05533	-4.10000	-0.68843	-4.2979	-563.04E-6	-0.38276
	10.83333	26.05533	-4.10000	-0.70824	-4.2979	-607.12E-6	-0.39872
	11.41667	26.05533	-4.10000	-0.72422	-4.2979	-639.78E-6	-0.41069
	12.00000	26.05533	-4.10000	-0.73595	-4.2979	-658.22E-6	-0.41794
	12.58333	26.05533	-4.10000	-0.74309	-4.2979	-660.02E-6	-0.41991
	13.16667	26.05533	-4.10000	-0.74551	-4.2979	-643.27E-6	-0.41628
	13.75000	26.05533	-4.10000	-0.74324	-4.2979	-607.04E-6	-0.40704
	14.33333	26.05533	-4.10000	-0.73595	-4.2979	-552.03E-6	-0.37536
	14.91667	26.05533	-4.10000	-0.72582	-4.2979	-481.64E-6	-0.37368
	15.50000	26.05533	-4.10000	-0.71173	-4.2979	-401.34E-6	-0.35160
	16.08333	26.05533	-4.10000	-0.69498	-4.2979	-318.38E-6	-0.32778
	16.66667	26.05533	-4.10000	-0.67634	-4.2979	-239.87E-6	-0.30373
	17.25000	26.05533	-4.10000	-0.65656	-4.2979	-171.36E-6	-0.28075
	17.83333	26.05533	-4.10000	-0.63626	-4.2979	-116.00E-6	-0.25983
	18.41667	26.05533	-4.10000	-0.61596	-4.2979	-74.627E-6	-0.24155
	19.00000	26.05533	-4.10000	-0.59600	-4.2979	-46.372E-6	-0.22614
	19.58333	26.05533	-4.10000	-0.57658	-4.2979	-29.372E-6	-0.21355
	20.16667	26.05533	-4.10000	-0.55778	-4.2979	-21.366E-6	-0.20340
	20.75000	26.05533	-4.10000	-0.53958	-4.2979	-20.127E-6	-0.19540
	21.33333	26.05533	-4.10000	-0.52189	-4.2979	-23.713E-6	-0.18906
	21.91667	26.05533	-4.10000	-0.50459	-4.2979	-30.541E-6	-0.18394
	22.50000	26.05533	-4.10000	-0.48754	-4.2979	-39.321E-6	-0.17952
	23.08333	26.05533	-4.10000	-0.47061	-4.2979	-48.943E-6	-0.17573
	23.66667	26.05533	-4.10000	-0.45367	-4.2979	-58.404E-6	-0.17194
	24.25000	26.05533	-4.10000	-0.43663	-4.2979	-66.815E-6	-0.16799
	24.83333	26.05533	-4.10000	-0.41943	-4.2979	-73.476E-6	-0.16369
	25.41667	26.05533	-4.10000	-0.40206	-4.2979	-77.946E-6	-0.15893
	26.00000	26.05533	-4.10000	-0.38453	-4.2979	-80.077E-6	-0.15363
	26.58333	26.05533	-4.10000	-0.36688	-4.2979	-79.989E-6	-0.14785
	27.16667	26.05533	-4.10000	-0.34918	-4.2979	-77.995E-6	-0.14164
	27.75000	26.05533	-4.10000	-0.33153	-4.2979	-74.512E-6	-0.13511
	28.33333	26.05533	-4.10000	-0.31402	-4.2979	-69.977E-6	-0.12838
	28.91667	26.05533	-4.10000	-0.29675	-4.2979	-64.788E-6	-0.12155
	29.50000	26.05533	-4.10000	-0.27980	-4.2979	-59.279E-6	-0.11474
	30.08333	26.05533	-4.10000	-0.26326	-4.2979	-53.708E-6	-0.10803
	30.66667	26.05533	-4.10000	-0.24721	-4.2979	-48.266E-6	-0.10150
	31.25000	26.05533	-4.10000	-0.23171	-4.2979	-43.090E-6	-0.095207
	31.83333	26.05533	-4.10000	-0.21680	-4.2979	-38.267E-6	-0.089195
	32.41667	26.05533	-4.10000	-0.20252	-4.2979	-33.848E-6	-0.083491
	33.00000	26.05533	-4.10000	-0.18890	-4.2979	-29.856E-6	-0.078113
	33.58333	26.05533	-4.10000	-0.17595	-4.2979	-26.291E-6	-0.073065
	34.16667	26.05533	-4.10000	-0.16367	-4.2979	-23.134E-6	-0.068346
	34.75000	26.05533	-4.10000	-0.15206	-4.2979	-20.359E-6	-0.063947
	35.33333	26.05533	-4.10000	-0.14112	-4.2979	-17.932E-6	-0.059857
	35.91667	26.05533	-4.10000	-0.13082	-4.2979	-15.816E-6	-0.056059
	36.50000	26.05533	-4.10000	-0.12115	-4.2979	-13.975E-6	-0.052536
	37.08333	26.05533	-4.10000	-0.11209	-4.2979	-12.373E-6	-0.049207
	37.66667	26.05533	-4.10000	-0.10361	-4.2979	-10.980E-6	-0.046243
	38.25000	26.05533	-4.10000	-0.095676	-4.2979	-9.7667E-6	-0.043437
	38.83333	26.05533	-4.10000	-0.088272	-4.2979	-8.7084E-6	-0.040836
	39.41667	26.05533	-4.10000	-0.081368	-4.2979	-7.7834E-6	-0.038422
	40.00000	26.05533	-4.10000	-0.075124	-4.2979	-6.9730E-6	-0.036182
	5.00000	26.64750	-4.10000	-0.39841	-4.2979	-121.61E-6	-0.175002
	5.58333	26.64750	-4.10000	-0.42385	-4.2979	-142.10E-6	-0.18965
	6.16667	26.64750	-4.10000	-0.44978	-4.2979	-165.78E-6	-0.20525
	6.75000	26.64750	-4.10000	-0.47592	-4.2979	-192.78E-6	-0.22169
	7.33333	26.64750	-4.10000	-0.50199	-4.2979	-223.02E-6	-0.23879
	7.91667	26.64750	-4.10000	-0.52761	-4.2979	-256.10E-6	-0.25622
	8.50000	26.64750	-4.10000	-0.55238	-4.2979	-291.19E-6	-0.27364
	9.08333	26.64750	-4.10000	-0.57584	-4.2979	-326.97E-6	-0.29052
	9.66667	26.64750	-4.10000	-0.59750	-4.2979	-361.69E-6	-0.30630
	10.25000	26.64750	-4.10000	-0.61788	-4.2979	-393.21E-6	-0.32034
	10.83333	26.64750	-4.10000	-0.63351	-4.2979	-419.65E-6	-0.33202
	11.41667	26.64750	-4.10000	-0.64699	-4.2979	-438.80E-6	-0.34076
	12.00000	26.64750	-4.10000	-0.65698	-4.2979	-449.02E-6	-0.34608
	12.58333	26.64750	-4.10000	-0.66326	-4.2979	-448.95E-6	-0.34763
	13.16667	26.64750	-4.10000	-0.66593	-4.2979	-437.70E-6	-0.34524
	13.75000	26.64750	-4.10000	-0.66442	-4.2979	-415.08E-6	-0.33896
	14.33333	26.64750	-4.10000	-0.65954	-4.2979	-381.84E-6	-0.32907
	14.91667	26.64750	-4.10000	-0.65140	-4.2979	-339.94E-6	-0.31612
	15.50000	26.64750	-4.10000	-0.64044	-4.2979	-292.37E-6	-0.30089
	16.08333	26.64750	-4.10000	-0.62720	-4.2979	-242.82E-6	-0.28428
	16.66667	26.64750	-4.10000	-0.61224	-4.2979	-194.97E-6	-0.26722
	17.25000	26.64750	-4.10000	-0.59608	-4.2979	-151.86E-6	-0.25056
	17.83333	26.64750	-4.10000	-0.57922	-4.2979	-115.50E-6	-0.23496
	18.41667	26.64750	-4.10000	-0.56205	-4.2979	-86.776E-6	-0.22088
	19.00000	26.64750	-4.10000	-0.54487	-4.2979	-65.651E-6	-0.20887
	19.58333	26.64750	-4.10000	-0.52788	-4.2979	-51.425E-6	-0.19799
	20.16667	26.64750	-4.10000	-0.51119	-4.2979	-43.033E-6	-0.18910
	20.75000	26.64750	-4.10000	-0.49481	-4.2979	-39.285E-6	-0.18167
	21.33333	26.64750	-4.10000	-0.47874	-4.2979	-39.027E-6	-0.17543
	21.91667	26.64750	-4.10000	-0.46291	-4.2979	-41.222E-6	-0.17031
	22.50000	26.64750	-4.10000	-0.44723	-4.2979	-44.969E-6	-0.16540
	23.08333	26.64750	-4.10000	-0.43164	-4.2979	-49.485E-6	-0.16108
	23.66667	26.64750	-4.10000	-0.41605	-4.2979	-54.091E-6	-0.15691
	24.25000	26.64750	-4.10000	-0.40080	-4.2979	-58.219E-6	-0.15270
	24.83333	26.64750	-4.10000	-0.38457	-4.2979	-61.430E-6	-0.14832
	25.41667	26.64750	-4.10000	-0.36884	-4.2979	-63.443E-6	-0.14369
	26.00000	26.64750	-4.10000	-0.35292	-4.2979	-64.138E-6	-0.13875
	26.58333	26.64750	-4.10000	-0.33694	-4.2979	-63.546E-6	-0.13351
	27.16667	26.64750	-4.10000	-0.32096	-4.2979	-61.812E-6	-0.12801
	27.75000	26.64750	-4.10000	-0.30506	-4.2979	-59.140E-6	-0.12235
	28.33333	26.64750	-4.10000	-0.28929	-4.2979	-55.796E-6	-0.11648
	28.91667	26.64750	-4.10000	-0.27373	-4.2979	-51.989E-6	-0.11059
	29.50000	26.64750	-4.10000	-0.25847	-4.2979	-47.936E-6	-0.10473
	30.08333	26.64750	-4.10000	-0.24356	-4.2979	-43.806E-6	-0.098948
	30.66667	26.64750	-4.10000	-0.22906	-4.2979	-39.733E-6	-0.093306
	31.25000	26.64750	-4.10000	-0.21504	-4.2979	-35.816E-6	-0.087848
	31.83333	26.64750	-4.10000	-0.20152	-4.2979	-32.124E-6	-0.082609
	32.41667	26.64750	-4.10000	-0.18855	-4.2979	-28.700E-6	-0.077612
	33.00000	26.64750	-4.10000	-0.17614	-4.2979	-25.568E-6	-0.072874
	33.58333	26.64750	-4.10000	-0.16432	-4.2979	-22.733E-6	-0.068401
	34.16667	26.64750	-4.10000	-0.15308	-4.2979	-20.191E-	



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Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	X [m]	Location Y [m]	Displacement Z[Level] [mOD]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
	7.91667	27.23967	-4.10000	-0.47797	-194.65E-6	-0.22271	0.0
	8.50000	27.23967	-4.10000	-0.49912	-217.91E-6	-0.23620	0.0
	9.08333	27.23967	-4.10000	-0.51908	-241.16E-6	-0.24913	0.0
	9.66667	27.23967	-4.10000	-0.53744	-263.35E-6	-0.26111	0.0
	10.25000	27.23967	-4.10000	-0.55385	-283.24E-6	-0.27169	1.0387E-6
	10.83333	27.23967	-4.10000	-0.54394	-299.59E-6	-0.28046	1.0721E-6
	11.41667	27.23967	-4.10000	-0.57941	-311.23E-6	-0.28703	1.0971E-6
	12.00000	27.23967	-4.10000	-0.58800	-317.15E-6	-0.29109	1.1125E-6
	12.58333	27.23967	-4.10000	-0.59356	-316.57E-6	-0.29241	1.1176E-6
	13.16667	27.23967	-4.10000	-0.59601	-309.09E-6	-0.29090	1.1120E-6
	13.75000	27.23967	-4.10000	-0.59539	-294.72E-6	-0.28662	1.0958E-6
	14.33333	27.23967	-4.10000	-0.59185	-274.04E-6	-0.27977	1.0700E-6
	14.91667	27.23967	-4.10000	-0.58561	-248.21E-6	-0.27073	1.0358E-6
	15.50000	27.23967	-4.10000	-0.57702	-218.93E-6	-0.26000	0.0
	16.08333	27.23967	-4.10000	-0.56645	-188.19E-6	-0.24816	0.0
	16.66667	27.23967	-4.10000	-0.55431	-158.02E-6	-0.23582	0.0
	17.25000	27.23967	-4.10000	-0.54101	-130.17E-6	-0.22353	0.0
	17.83333	27.23967	-4.10000	-0.52692	-105.88E-6	-0.21174	0.0
	18.41667	27.23967	-4.10000	-0.51235	-85.861E-6	-0.20081	0.0
	19.00000	27.23967	-4.10000	-0.49755	-70.301E-6	-0.19092	0.0
	19.58333	27.23967	-4.10000	-0.48271	-58.975E-6	-0.18215	0.0
	20.16667	27.23967	-4.10000	-0.46794	-51.396E-6	-0.17447	0.0
	20.75000	27.23967	-4.10000	-0.45329	-46.934E-6	-0.16779	0.0
	21.33333	27.23967	-4.10000	-0.43878	-44.918E-6	-0.16194	0.0
	21.91667	27.23967	-4.10000	-0.42433	-44.697E-6	-0.15676	0.0
	22.50000	27.23967	-4.10000	-0.41007	-45.677E-6	-0.15207	0.0
	23.08333	27.23967	-4.10000	-0.39580	-47.329E-6	-0.14768	0.0
	23.66667	27.23967	-4.10000	-0.38153	-49.194E-6	-0.14345	0.0
	24.25000	27.23967	-4.10000	-0.36723	-50.895E-6	-0.13926	0.0
	24.83333	27.23967	-4.10000	-0.35288	-52.143E-6	-0.13499	0.0
	25.41667	27.23967	-4.10000	-0.33846	-52.743E-6	-0.13059	0.0
	26.00000	27.23967	-4.10000	-0.32401	-52.602E-6	-0.12601	0.0
	26.58333	27.23967	-4.10000	-0.30954	-51.712E-6	-0.12127	0.0
	27.16667	27.23967	-4.10000	-0.29510	-50.135E-6	-0.11636	0.0
	27.75000	27.23967	-4.10000	-0.28074	-47.982E-6	-0.11133	0.0
	28.33333	27.23967	-4.10000	-0.26651	-45.385E-6	-0.10623	0.0
	28.91667	27.23967	-4.10000	-0.25248	-42.483E-6	-0.10111	0.0
	29.50000	27.23967	-4.10000	-0.23871	-39.403E-6	-0.096004	0.0
	30.08333	27.23967	-4.10000	-0.22525	-36.258E-6	-0.090973	0.0
	30.66667	27.23967	-4.10000	-0.21214	-33.138E-6	-0.086055	0.0
	31.25000	27.23967	-4.10000	-0.19944	-30.114E-6	-0.081284	0.0
	31.83333	27.23967	-4.10000	-0.18718	-27.237E-6	-0.076687	0.0
	32.41667	27.23967	-4.10000	-0.17539	-24.543E-6	-0.072284	0.0
	33.00000	27.23967	-4.10000	-0.16409	-22.051E-6	-0.068088	0.0
	33.58333	27.23967	-4.10000	-0.15330	-19.771E-6	-0.064109	0.0
	34.16667	27.23967	-4.10000	-0.14302	-17.703E-6	-0.060348	0.0
	34.75000	27.23967	-4.10000	-0.13325	-15.840E-6	-0.056804	0.0
	35.33333	27.23967	-4.10000	-0.12400	-14.172E-6	-0.053473	0.0
	35.91667	27.23967	-4.10000	-0.11526	-12.682E-6	-0.050349	0.0
	36.50000	27.23967	-4.10000	-0.10701	-11.352E-6	-0.047422	0.0
	37.08333	27.23967	-4.10000	-0.099238	-10.181E-6	-0.044684	0.0
	37.66667	27.23967	-4.10000	-0.091936	-9.1382E-6	-0.042125	0.0
	38.25000	27.23967	-4.10000	-0.085082	-8.2131E-6	-0.039732	0.0
	38.83333	27.23967	-4.10000	-0.078657	-7.3928E-6	-0.037497	0.0
	39.41667	27.23967	-4.10000	-0.072644	-6.6649E-6	-0.035487	0.0
	40.00000	27.23967	-4.10000	-0.067022	-6.0183E-6	-0.033458	0.0
	5.00000	27.83183	-4.10000	-0.33567	-82.268E-6	-0.14205	0.0
	5.58333	27.83183	-4.10000	-0.35529	-93.639E-6	-0.15207	0.0
	6.16667	27.83183	-4.10000	-0.37506	-106.25E-6	-0.16249	0.0
	6.75000	27.83183	-4.10000	-0.39480	-120.07E-6	-0.17329	0.0
	7.33333	27.83183	-4.10000	-0.41427	-134.82E-6	-0.18410	0.0
	7.91667	27.83183	-4.10000	-0.43322	-150.34E-6	-0.19496	0.0
	8.50000	27.83183	-4.10000	-0.45138	-166.16E-6	-0.20556	0.0
	9.08333	27.83183	-4.10000	-0.46844	-181.71E-6	-0.21564	0.0
	9.66667	27.83183	-4.10000	-0.48183	-196.33E-6	-0.22439	0.0
	10.25000	27.83183	-4.10000	-0.49811	-209.26E-6	-0.23306	0.0
	10.83333	27.83183	-4.10000	-0.51013	-219.74E-6	-0.23980	0.0
	11.41667	27.83183	-4.10000	-0.51996	-227.08E-6	-0.24487	0.0
	12.00000	27.83183	-4.10000	-0.52741	-230.66E-6	-0.24806	0.0
	12.58333	27.83183	-4.10000	-0.53235	-230.07E-6	-0.24929	0.0
	13.16667	27.83183	-4.10000	-0.53474	-225.10E-6	-0.24834	0.0
	13.75000	27.83183	-4.10000	-0.53459	-215.82E-6	-0.24542	0.0
	14.33333	27.83183	-4.10000	-0.53203	-202.62E-6	-0.24064	0.0
	14.91667	27.83183	-4.10000	-0.52723	-186.23E-6	-0.23423	0.0
	15.50000	27.83183	-4.10000	-0.52043	-167.63E-6	-0.22639	0.0
	16.08333	27.83183	-4.10000	-0.51191	-147.96E-6	-0.21794	0.0
	16.66667	27.83183	-4.10000	-0.50199	-128.39E-6	-0.20885	0.0
	17.25000	27.83183	-4.10000	-0.49097	-109.95E-6	-0.19964	0.0
	17.83333	27.83183	-4.10000	-0.47912	-93.435E-6	-0.19062	0.0
	18.41667	27.83183	-4.10000	-0.46712	-79.353E-6	-0.18229	0.0
	19.00000	27.83183	-4.10000	-0.45596	-67.917E-6	-0.17409	0.0
	19.58333	27.83183	-4.10000	-0.44100	-59.094E-6	-0.16682	0.0
	20.16667	27.83183	-4.10000	-0.42795	-52.673E-6	-0.16026	0.0
	20.75000	27.83183	-4.10000	-0.41489	-48.324E-6	-0.15436	0.0
	21.33333	27.83183	-4.10000	-0.40185	-45.662E-6	-0.14905	0.0
	21.91667	27.83183	-4.10000	-0.38883	-44.290E-6	-0.14419	0.0
	22.50000	27.83183	-4.10000	-0.37584	-43.824E-6	-0.13971	0.0
	23.08333	27.83183	-4.10000	-0.36285	-43.916E-6	-0.13547	0.0
	23.66667	27.83183	-4.10000	-0.34984	-44.259E-6	-0.13138	0.0
	24.25000	27.83183	-4.10000	-0.33681	-44.600E-6	-0.12734	0.0
	24.83333	27.83183	-4.10000	-0.32374	-44.740E-6	-0.12329	0.0
	25.41667	27.83183	-4.10000	-0.31064	-44.544E-6	-0.11917	0.0
	26.00000	27.83183	-4.10000	-0.29752	-43.936E-6	-0.11497	0.0
	26.58333	27.83183	-4.10000	-0.28442	-42.895E-6	-0.11066	0.0
	27.16667	27.83183	-4.10000	-0.27135	-41.443E-6	-0.10625	0.0
	27.75000	27.83183	-4.10000	-0.25837	-39.637E-6	-0.10181	0.0
	28.33333	27.83183	-4.10000	-0.24552	-37.550E-6	-0.097311	0.0
	28.91667	27.83183	-4.10000	-0.23285	-35.264E-6	-0.092805	0.0
	29.50000	27.83183	-4.10000	-0.22041	-32.856E-6	-0.088329	0.0
	30.08333	27.83183	-4.10000	-0.20824	-30.401E-6	-0.083917	0.0
	30.66667	27.83183	-4.10000	-0.19638	-27.959E-6	-0.079598	0.0
	31.25000	27.83183	-4.10000	-0.18487	-25.580E-6	-0.075398	0.0
	31.83333	27.83183	-4.10000	-0.17374	-23.301E-6	-0.071340	0.0
	32.41667	27.83183	-4.10000	-0.16302	-21.149E-6	-0.067435	0.0
	33.00000	27.83183	-4.10000	-0.15273	-19.142E-6	-0.063708	0.0
	33.58333	27.83183	-4.10000	-0.14287	-17.288E-6	-0.060153	0.0
	34.16667	27.83183	-4.10000	-0.13347	-15.590E-6	-0.056779	0.0
	34.75000	27.83183	-4.10000	-0.12452	-14.046E-6	-0.053586	0.0
	35.33333	27.83183	-4.10000	-0.11602	-12.648E-6	-0.050572	0.0
	35.91667	27.83183	-4.10000	-0.10797	-11.390E-6	-0.047732	0.0
	36.50000	27.83183	-4.10000	-0.10036	-10.259E-6	-0.045060	0.0
	37.08333	27.83183	-4.10000	-0.093176	-9.2472E-6	-0.042551	0.0
	37.66667	27.83183	-4.10000	-0.086412	-8.3417E-6	-0.040196	0.0
	38.25000	27.83183	-4.10000	-0.080051	-7.5326E-6	-0.037987	0.0
	38.83333	27.83183	-4.10000	-0.074078	-6.8098E-6	-0.035916	0.0
	39.41667	27.83183	-4.10000	-0.068477	-6.1639E-6	-0.033974	0.0
	40.00000	27.83183	-4.10000	-0.063231	-5.5866E-6	-0.032155	0.0
	5.00000	28.42400	-4.10000	-0.30779	-68.203E-6	-0.12847	0.0
	5.58333	28.42400	-4.10000	-0.32504	-76.788E-6	-0.13682	0.0
	6.16667	28.42400	-4.10000	-0.34235	-86.150E-6	-0.14514	0.0
	6.75000	28.42400	-4.10000	-0.35956	-96.214E-6	-0.15422	0.0
	7.33333	28.42400	-4.10000	-0.37646	-106.83E-6	-0.16304	0.0
	7.91667	28.42400	-4.10000	-0.39285	-117.79E-6	-0.17177	0.0
	8.50000	28.42400	-4.10000	-0.40850	-128.79E-6	-0.18022	0.0
	9.08333	28.42400	-4.10000	-0.42317	-139.46E-6	-0.18819	0.0
	9.66667	28.42400	-4.10000	-0.43662	-149.35E-6	-0.19549	0.0
	10.25000	28.42400	-4.10000	-0.44862	-158.00E-6	-0.20188	0.0
	10.83333	28.42400	-4.10000	-0.45895	-164.94E-6	-0.20717	0.0
	11.41667	28.42400	-4.10000	-0.46743	-169.72E-6	-0.21118	0.0
	12.00000	28.4					



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Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
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Made by SJM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
19.00000	28.42400	-4.10000	-0.41392	-4.2979	-62.451E-6	-0.15845	0.0
19.58333	28.42400	-4.10000	-0.40260	-4.2979	-55.637E-6	-0.15242	0.0
20.16667	28.42400	-4.10000	-0.39110	-4.2979	-50.364E-6	-0.14684	0.0
20.75000	28.42400	-4.10000	-0.37948	-4.2979	-46.464E-6	-0.14169	0.0
21.33333	28.42400	-4.10000	-0.36780	-4.2979	-43.720E-6	-0.13693	0.0
21.91667	28.42400	-4.10000	-0.35607	-4.2979	-41.890E-6	-0.13250	0.0
22.50000	28.42400	-4.10000	-0.34432	-4.2979	-40.733E-6	-0.12834	0.0
23.08333	28.42400	-4.10000	-0.33253	-4.2979	-40.022E-6	-0.12436	0.0
23.66667	28.42400	-4.10000	-0.32072	-4.2979	-39.553E-6	-0.12051	0.0
24.25000	28.42400	-4.10000	-0.30887	-4.2979	-39.154E-6	-0.11671	0.0
24.83333	28.42400	-4.10000	-0.29700	-4.2979	-38.690E-6	-0.11293	0.0
25.41667	28.42400	-4.10000	-0.28511	-4.2979	-38.064E-6	-0.10913	0.0
26.00000	28.42400	-4.10000	-0.27322	-4.2979	-37.217E-6	-0.10528	0.0
26.58333	28.42400	-4.10000	-0.26134	-4.2979	-36.124E-6	-0.10138	0.0
27.16667	28.42400	-4.10000	-0.24952	-4.2979	-34.790E-6	-0.097438	0.0
27.75000	28.42400	-4.10000	-0.23778	-4.2979	-33.241E-6	-0.093460	0.0
28.33333	28.42400	-4.10000	-0.22617	-4.2979	-31.518E-6	-0.089466	0.0
28.91667	28.42400	-4.10000	-0.21471	-4.2979	-29.668E-6	-0.085480	0.0
29.50000	28.42400	-4.10000	-0.20346	-4.2979	-27.740E-6	-0.081527	0.0
30.08333	28.42400	-4.10000	-0.19244	-4.2979	-25.781E-6	-0.077631	0.0
30.66667	28.42400	-4.10000	-0.18170	-4.2979	-23.832E-6	-0.073813	0.0
31.25000	28.42400	-4.10000	-0.17126	-4.2979	-21.927E-6	-0.070096	0.0
31.83333	28.42400	-4.10000	-0.16116	-4.2979	-20.094E-6	-0.066494	0.0
32.41667	28.42400	-4.10000	-0.15140	-4.2979	-18.352E-6	-0.063022	0.0
33.00000	28.42400	-4.10000	-0.14202	-4.2979	-16.716E-6	-0.059690	0.0
33.58333	28.42400	-4.10000	-0.13293	-4.2979	-15.193E-6	-0.056585	0.0
34.16667	28.42400	-4.10000	-0.12443	-4.2979	-13.786E-6	-0.053468	0.0
34.75000	28.42400	-4.10000	-0.11623	-4.2979	-12.496E-6	-0.050583	0.0
35.33333	28.42400	-4.10000	-0.10842	-4.2979	-11.319E-6	-0.047850	0.0
35.91667	28.42400	-4.10000	-0.10102	-4.2979	-10.249E-6	-0.045264	0.0
36.50000	28.42400	-4.10000	-0.09399	-4.2979	-9.2813E-6	-0.042823	0.0
37.08333	28.42400	-4.10000	-0.087366	-4.2979	-8.4073E-6	-0.040521	0.0
37.66667	28.42400	-4.10000	-0.081107	-4.2979	-7.6197E-6	-0.038353	0.0
38.25000	28.42400	-4.10000	-0.075210	-4.2979	-6.9108E-6	-0.036313	0.0
38.83333	28.42400	-4.10000	-0.069652	-4.2979	-6.2773E-6	-0.034384	0.0
39.41667	28.42400	-4.10000	-0.064451	-4.2979	-5.7000E-6	-0.032589	0.0
40.00000	28.42400	-4.10000	-0.059562	-4.2979	-5.1845E-6	-0.030893	0.0
5.00000	29.01617	-4.10000	-0.28206	-4.2979	-56.849E-6	-0.11649	0.0
5.58333	29.01617	-4.10000	-0.29725	-4.2979	-63.388E-6	-0.12350	0.0
6.16667	29.01617	-4.10000	-0.31244	-4.2979	-70.417E-6	-0.13066	0.0
6.75000	29.01617	-4.10000	-0.32747	-4.2979	-77.863E-6	-0.13791	0.0
7.33333	29.01617	-4.10000	-0.34218	-4.2979	-85.608E-6	-0.14513	0.0
7.91667	29.01617	-4.10000	-0.35640	-4.2979	-93.489E-6	-0.15222	0.0
8.50000	29.01617	-4.10000	-0.36994	-4.2979	-101.30E-6	-0.15904	0.0
9.08333	29.01617	-4.10000	-0.38261	-4.2979	-108.77E-6	-0.16544	0.0
9.66667	29.01617	-4.10000	-0.39420	-4.2979	-115.63E-6	-0.17127	0.0
10.25000	29.01617	-4.10000	-0.40455	-4.2979	-121.57E-6	-0.17637	0.0
10.83333	29.01617	-4.10000	-0.41347	-4.2979	-126.29E-6	-0.18060	0.0
11.41667	29.01617	-4.10000	-0.42083	-4.2979	-129.52E-6	-0.18383	0.0
12.00000	29.01617	-4.10000	-0.42681	-4.2979	-131.05E-6	-0.18591	0.0
12.58333	29.01617	-4.10000	-0.43045	-4.2979	-130.73E-6	-0.18696	0.0
13.16667	29.01617	-4.10000	-0.43261	-4.2979	-128.51E-6	-0.18677	0.0
13.75000	29.01617	-4.10000	-0.43302	-4.2979	-124.47E-6	-0.18543	0.0
14.33333	29.01617	-4.10000	-0.43172	-4.2979	-118.76E-6	-0.18304	0.0
14.91667	29.01617	-4.10000	-0.42883	-4.2979	-111.67E-6	-0.17919	0.0
15.50000	29.01617	-4.10000	-0.42448	-4.2979	-103.58E-6	-0.17557	0.0
16.08333	29.01617	-4.10000	-0.41883	-4.2979	-94.900E-6	-0.17083	0.0
16.66667	29.01617	-4.10000	-0.41205	-4.2979	-86.058E-6	-0.16567	0.0
17.25000	29.01617	-4.10000	-0.40434	-4.2979	-77.453E-6	-0.16028	0.0
17.83333	29.01617	-4.10000	-0.39586	-4.2979	-69.416E-6	-0.15484	0.0
18.41667	29.01617	-4.10000	-0.38677	-4.2979	-62.192E-6	-0.14940	0.0
19.00000	29.01617	-4.10000	-0.37723	-4.2979	-55.926E-6	-0.14415	0.0
19.58333	29.01617	-4.10000	-0.36734	-4.2979	-50.673E-6	-0.13914	0.0
20.16667	29.01617	-4.10000	-0.35720	-4.2979	-46.411E-6	-0.13440	0.0
20.75000	29.01617	-4.10000	-0.34688	-4.2979	-43.053E-6	-0.12993	0.0
21.33333	29.01617	-4.10000	-0.33644	-4.2979	-40.494E-6	-0.12571	0.0
21.91667	29.01617	-4.10000	-0.32591	-4.2979	-38.573E-6	-0.12173	0.0
22.50000	29.01617	-4.10000	-0.31531	-4.2979	-37.146E-6	-0.11793	0.0
23.08333	29.01617	-4.10000	-0.30465	-4.2979	-36.065E-6	-0.11427	0.0
23.66667	29.01617	-4.10000	-0.29395	-4.2979	-35.196E-6	-0.11070	0.0
24.25000	29.01617	-4.10000	-0.28321	-4.2979	-34.424E-6	-0.10719	0.0
24.83333	29.01617	-4.10000	-0.27245	-4.2979	-33.655E-6	-0.10370	0.0
25.41667	29.01617	-4.10000	-0.26167	-4.2979	-32.820E-6	-0.10021	0.0
26.00000	29.01617	-4.10000	-0.25089	-4.2979	-31.873E-6	-0.096710	0.0
26.58333	29.01617	-4.10000	-0.24013	-4.2979	-30.792E-6	-0.093181	0.0
27.16667	29.01617	-4.10000	-0.22943	-4.2979	-29.573E-6	-0.089635	0.0
27.75000	29.01617	-4.10000	-0.21881	-4.2979	-28.227E-6	-0.086074	0.0
28.33333	29.01617	-4.10000	-0.20830	-4.2979	-26.776E-6	-0.082513	0.0
28.91667	29.01617	-4.10000	-0.19794	-4.2979	-25.247E-6	-0.078968	0.0
29.50000	29.01617	-4.10000	-0.18775	-4.2979	-23.672E-6	-0.075457	0.0
30.08333	29.01617	-4.10000	-0.17778	-4.2979	-22.080E-6	-0.071997	0.0
30.66667	29.01617	-4.10000	-0.16804	-4.2979	-20.497E-6	-0.068606	0.0
31.25000	29.01617	-4.10000	-0.15857	-4.2979	-18.949E-6	-0.065298	0.0
31.83333	29.01617	-4.10000	-0.14938	-4.2979	-17.453E-6	-0.062087	0.0
32.41667	29.01617	-4.10000	-0.14051	-4.2979	-16.026E-6	-0.058961	0.0
33.00000	29.01617	-4.10000	-0.13196	-4.2979	-14.677E-6	-0.055996	0.0
33.58333	29.01617	-4.10000	-0.12375	-4.2979	-13.413E-6	-0.053131	0.0
34.16667	29.01617	-4.10000	-0.11588	-4.2979	-12.238E-6	-0.050392	0.0
34.75000	29.01617	-4.10000	-0.10837	-4.2979	-11.153E-6	-0.047781	0.0
35.33333	29.01617	-4.10000	-0.10121	-4.2979	-10.155E-6	-0.045297	0.0
35.91667	29.01617	-4.10000	-0.094396	-4.2979	-9.2420E-6	-0.042940	0.0
36.50000	29.01617	-4.10000	-0.087933	-4.2979	-8.4095E-6	-0.040706	0.0
37.08333	29.01617	-4.10000	-0.081811	-4.2979	-7.6526E-6	-0.038593	0.0
37.66667	29.01617	-4.10000	-0.076024	-4.2979	-6.9658E-6	-0.036596	0.0
38.25000	29.01617	-4.10000	-0.070562	-4.2979	-6.3436E-6	-0.034711	0.0
38.83333	29.01617	-4.10000	-0.065415	-4.2979	-5.7805E-6	-0.032932	0.0
39.41667	29.01617	-4.10000	-0.060572	-4.2979	-5.2712E-6	-0.031254	0.0
40.00000	29.01617	-4.10000	-0.056020	-4.2979	-4.8107E-6	-0.029673	0.0
5.00000	29.60833	-4.10000	-0.25836	-4.2979	-47.639E-6	-0.10590	0.0
5.58333	29.60833	-4.10000	-0.27135	-4.2979	-52.665E-6	-0.11881	0.0
6.16667	29.60833	-4.10000	-0.28509	-4.2979	-57.999E-6	-0.11781	0.0
6.75000	29.60833	-4.10000	-0.29825	-4.2979	-63.577E-6	-0.12384	0.0
7.33333	29.60833	-4.10000	-0.31109	-4.2979	-69.307E-6	-0.12981	0.0
7.91667	29.60833	-4.10000	-0.32346	-4.2979	-75.068E-6	-0.13562	0.0
8.50000	29.60833	-4.10000	-0.33522	-4.2979	-80.710E-6	-0.14119	0.0
9.08333	29.60833	-4.10000	-0.34620	-4.2979	-86.058E-6	-0.14639	0.0
9.66667	29.60833	-4.10000	-0.35624	-4.2979	-90.920E-6	-0.15111	0.0
10.25000	29.60833	-4.10000	-0.36519	-4.2979	-95.097E-6	-0.15525	0.0
10.83333	29.60833	-4.10000	-0.37294	-4.2979	-98.397E-6	-0.15868	0.0
11.41667	29.60833	-4.10000	-0.37935	-4.2979	-100.65E-6	-0.16134	0.0
12.00000	29.60833	-4.10000	-0.38435	-4.2979	-101.72E-6	-0.16314	0.0
12.58333	29.60833	-4.10000	-0.38787	-4.2979	-101.52E-6	-0.16404	0.0
13.16667	29.60833	-4.10000	-0.38990	-4.2979	-100.04E-6	-0.16404	0.0
13.75000	29.60833	-4.10000	-0.39045	-4.2979	-97.316E-6	-0.16316	0.0
14.33333	29.60833	-4.10000	-0.38955	-4.2979	-93.465E-6	-0.16146	0.0
14.91667	29.60833	-4.10000	-0.38729	-4.2979	-88.672E-6	-0.15901	0.0
15.50000	29.60833	-4.10000	-0.38378	-4.2979	-83.168E-6	-0.15593	0.0
16.08333	29.60833	-4.10000	-0.37913	-4.2979	-77.218E-6	-0.15234	0.0
16.66667	29.60833	-4.10000	-0.37348	-4.2979	-71.094E-6	-0.14838	0.0
17.25000	29.60833	-4.10000	-0.36698	-4.2979	-65.052E-6	-0.14417	0.0
17.83333	29.60833						



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses	Vert Strain			
X [m]	Y [m]	Z [Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]	
30.08333	29.60833	-4.10000	-0.16416	-4.2979	-19.072E-6	-0.066923	0.0
30.66667	29.60833	-4.10000	-0.15533	-4.2979	-17.768E-6	-0.063896	0.0
31.25000	29.60833	-4.10000	-0.14673	-4.2979	-16.492E-6	-0.060940	0.0
31.83333	29.60833	-4.10000	-0.13838	-4.2979	-15.257E-6	-0.058066	0.0
32.41667	29.60833	-4.10000	-0.13030	-4.2979	-14.074E-6	-0.055282	0.0
33.00000	29.60833	-4.10000	-0.12251	-4.2979	-12.951E-6	-0.052595	0.0
33.58333	29.60833	-4.10000	-0.11502	-4.2979	-11.893E-6	-0.050011	0.0
34.16667	29.60833	-4.10000	-0.10782	-4.2979	-10.904E-6	-0.047533	0.0
34.75000	29.60833	-4.10000	-0.10094	-4.2979	-9.9843E-6	-0.045164	0.0
35.33333	29.60833	-4.10000	-0.094369	-4.2979	-9.1338E-6	-0.042903	0.0
35.91667	29.60833	-4.10000	-0.088109	-4.2979	-8.3506E-6	-0.040750	0.0
36.50000	29.60833	-4.10000	-0.082158	-4.2979	-7.6318E-6	-0.038704	0.0
37.08333	29.60833	-4.10000	-0.076512	-4.2979	-6.9741E-6	-0.036763	0.0
37.66667	29.60833	-4.10000	-0.071166	-4.2979	-6.3737E-6	-0.034922	0.0
38.25000	29.60833	-4.10000	-0.066111	-4.2979	-5.8265E-6	-0.033179	0.0
38.83333	29.60833	-4.10000	-0.061339	-4.2979	-5.3284E-6	-0.031531	0.0
39.41667	29.60833	-4.10000	-0.056842	-4.2979	-4.8755E-6	-0.029970	0.0
40.00000	29.60833	-4.10000	-0.052609	-4.2979	-4.4639E-6	-0.028497	0.0
5.00000	30.20050	-4.10000	-0.23654	-4.2979	-40.133E-6	-0.096520	0.0
5.58333	30.20050	-4.10000	-0.24836	-4.2979	-44.029E-6	-0.10154	0.0
6.16667	30.20050	-4.10000	-0.26009	-4.2979	-48.118E-6	-0.10659	0.0
6.75000	30.20050	-4.10000	-0.27164	-4.2979	-52.346E-6	-0.11164	0.0
7.33333	30.20050	-4.10000	-0.28287	-4.2979	-56.642E-6	-0.11661	0.0
7.91667	30.20050	-4.10000	-0.29367	-4.2979	-60.917E-6	-0.12143	0.0
8.50000	30.20050	-4.10000	-0.30391	-4.2979	-65.064E-6	-0.12602	0.0
9.08333	30.20050	-4.10000	-0.31346	-4.2979	-68.961E-6	-0.13030	0.0
9.66667	30.20050	-4.10000	-0.32218	-4.2979	-72.478E-6	-0.13417	0.0
10.25000	30.20050	-4.10000	-0.32997	-4.2979	-75.481E-6	-0.13756	0.0
10.83333	30.20050	-4.10000	-0.33672	-4.2979	-77.846E-6	-0.14040	0.0
11.41667	30.20050	-4.10000	-0.34237	-4.2979	-79.462E-6	-0.14260	0.0
12.00000	30.20050	-4.10000	-0.34674	-4.2979	-80.245E-6	-0.14414	0.0
12.58333	30.20050	-4.10000	-0.34989	-4.2979	-80.145E-6	-0.14497	0.0
13.16667	30.20050	-4.10000	-0.35178	-4.2979	-79.152E-6	-0.14510	0.0
13.75000	30.20050	-4.10000	-0.35241	-4.2979	-77.298E-6	-0.14453	0.0
14.33333	30.20050	-4.10000	-0.35181	-4.2979	-74.664E-6	-0.14332	0.0
14.91667	30.20050	-4.10000	-0.35005	-4.2979	-71.367E-6	-0.14151	0.0
15.50000	30.20050	-4.10000	-0.34719	-4.2979	-67.559E-6	-0.13919	0.0
16.08333	30.20050	-4.10000	-0.34335	-4.2979	-63.409E-6	-0.13644	0.0
16.66667	30.20050	-4.10000	-0.33861	-4.2979	-59.095E-6	-0.13336	0.0
17.25000	30.20050	-4.10000	-0.33310	-4.2979	-54.784E-6	-0.13002	0.0
17.83333	30.20050	-4.10000	-0.32692	-4.2979	-50.623E-6	-0.12659	0.0
18.41667	30.20050	-4.10000	-0.32019	-4.2979	-46.730E-6	-0.12306	0.0
19.00000	30.20050	-4.10000	-0.31299	-4.2979	-43.187E-6	-0.11952	0.0
19.58333	30.20050	-4.10000	-0.30542	-4.2979	-40.041E-6	-0.11602	0.0
20.16667	30.20050	-4.10000	-0.29755	-4.2979	-37.307E-6	-0.11255	0.0
20.75000	30.20050	-4.10000	-0.28944	-4.2979	-34.970E-6	-0.10925	0.0
21.33333	30.20050	-4.10000	-0.28114	-4.2979	-32.998E-6	-0.10601	0.0
21.91667	30.20050	-4.10000	-0.27270	-4.2979	-31.341E-6	-0.10286	0.0
22.50000	30.20050	-4.10000	-0.26413	-4.2979	-29.942E-6	-0.099785	0.0
23.08333	30.20050	-4.10000	-0.25547	-4.2979	-28.741E-6	-0.09677	0.0
23.66667	30.20050	-4.10000	-0.24674	-4.2979	-27.682E-6	-0.093824	0.0
24.25000	30.20050	-4.10000	-0.23796	-4.2979	-26.712E-6	-0.090903	0.0
24.83333	30.20050	-4.10000	-0.22914	-4.2979	-25.787E-6	-0.088004	0.0
25.41667	30.20050	-4.10000	-0.22031	-4.2979	-24.873E-6	-0.085115	0.0
26.00000	30.20050	-4.10000	-0.21147	-4.2979	-23.944E-6	-0.082237	0.0
26.58333	30.20050	-4.10000	-0.20266	-4.2979	-22.985E-6	-0.079349	0.0
27.16667	30.20050	-4.10000	-0.19389	-4.2979	-21.988E-6	-0.076470	0.0
27.75000	30.20050	-4.10000	-0.18519	-4.2979	-20.954E-6	-0.073597	0.0
28.33333	30.20050	-4.10000	-0.17657	-4.2979	-19.888E-6	-0.070738	0.0
28.91667	30.20050	-4.10000	-0.16808	-4.2979	-18.798E-6	-0.067901	0.0
29.50000	30.20050	-4.10000	-0.15972	-4.2979	-17.697E-6	-0.065095	0.0
30.08333	30.20050	-4.10000	-0.15152	-4.2979	-16.597E-6	-0.062331	0.0
30.66667	30.20050	-4.10000	-0.14351	-4.2979	-15.500E-6	-0.059619	0.0
31.25000	30.20050	-4.10000	-0.13570	-4.2979	-14.444E-6	-0.056967	0.0
31.83333	30.20050	-4.10000	-0.12811	-4.2979	-13.413E-6	-0.054381	0.0
32.41667	30.20050	-4.10000	-0.12075	-4.2979	-12.422E-6	-0.051880	0.0
33.00000	30.20050	-4.10000	-0.11365	-4.2979	-11.479E-6	-0.049456	0.0
33.58333	30.20050	-4.10000	-0.10681	-4.2979	-10.586E-6	-0.047119	0.0
34.16667	30.20050	-4.10000	-0.10023	-4.2979	-9.7478E-6	-0.044873	0.0
34.75000	30.20050	-4.10000	-0.09387	-4.2979	-8.9644E-6	-0.042718	0.0
35.33333	30.20050	-4.10000	-0.087899	-4.2979	-8.2351E-6	-0.040657	0.0
35.91667	30.20050	-4.10000	-0.082148	-4.2979	-7.5601E-6	-0.038689	0.0
36.50000	30.20050	-4.10000	-0.076672	-4.2979	-6.9371E-6	-0.036812	0.0
37.08333	30.20050	-4.10000	-0.071468	-4.2979	-6.3639E-6	-0.035026	0.0
37.66667	30.20050	-4.10000	-0.066500	-4.2979	-5.8375E-6	-0.033328	0.0
38.25000	30.20050	-4.10000	-0.061857	-4.2979	-5.3552E-6	-0.031716	0.0
38.83333	30.20050	-4.10000	-0.057437	-4.2979	-4.9140E-6	-0.030187	0.0
39.41667	30.20050	-4.10000	-0.053265	-4.2979	-4.5108E-6	-0.028737	0.0
40.00000	30.20050	-4.10000	-0.049333	-4.2979	-4.1426E-6	-0.027363	0.0
5.00000	30.79267	-4.10000	-0.21648	-4.2979	-33.984E-6	-0.08418	0.0
5.58333	30.79267	-4.10000	-0.22692	-4.2979	-37.030E-6	-0.092467	0.0
6.16667	30.79267	-4.10000	-0.23726	-4.2979	-40.194E-6	-0.096757	0.0
6.75000	30.79267	-4.10000	-0.24741	-4.2979	-43.435E-6	-0.10101	0.0
7.33333	30.79267	-4.10000	-0.25726	-4.2979	-46.697E-6	-0.10518	0.0
7.91667	30.79267	-4.10000	-0.26671	-4.2979	-49.914E-6	-0.10921	0.0
8.50000	30.79267	-4.10000	-0.27565	-4.2979	-53.009E-6	-0.11303	0.0
9.08333	30.79267	-4.10000	-0.28398	-4.2979	-55.897E-6	-0.11659	0.0
9.66667	30.79267	-4.10000	-0.29159	-4.2979	-58.488E-6	-0.11980	0.0
10.25000	30.79267	-4.10000	-0.29839	-4.2979	-60.692E-6	-0.12262	0.0
10.83333	30.79267	-4.10000	-0.30428	-4.2979	-62.426E-6	-0.12498	0.0
11.41667	30.79267	-4.10000	-0.30921	-4.2979	-63.617E-6	-0.12684	0.0
12.00000	30.79267	-4.10000	-0.31310	-4.2979	-64.212E-6	-0.12817	0.0
12.58333	30.79267	-4.10000	-0.31593	-4.2979	-64.180E-6	-0.12893	0.0
13.16667	30.79267	-4.10000	-0.31768	-4.2979	-63.516E-6	-0.12914	0.0
13.75000	30.79267	-4.10000	-0.31835	-4.2979	-62.244E-6	-0.12879	0.0
14.33333	30.79267	-4.10000	-0.31798	-4.2979	-60.419E-6	-0.12793	0.0
14.91667	30.79267	-4.10000	-0.31659	-4.2979	-58.119E-6	-0.12658	0.0
15.50000	30.79267	-4.10000	-0.31426	-4.2979	-55.443E-6	-0.12481	0.0
16.08333	30.79267	-4.10000	-0.31106	-4.2979	-52.504E-6	-0.12269	0.0
16.66667	30.79267	-4.10000	-0.30707	-4.2979	-49.417E-6	-0.12027	0.0
17.25000	30.79267	-4.10000	-0.30238	-4.2979	-46.296E-6	-0.11764	0.0
17.83333	30.79267	-4.10000	-0.29709	-4.2979	-43.240E-6	-0.11485	0.0
18.41667	30.79267	-4.10000	-0.29127	-4.2979	-40.331E-6	-0.11196	0.0
19.00000	30.79267	-4.10000	-0.28500	-4.2979	-37.632E-6	-0.10901	0.0
19.58333	30.79267	-4.10000	-0.27837	-4.2979	-35.180E-6	-0.10609	0.0
20.16667	30.79267	-4.10000	-0.27143	-4.2979	-32.993E-6	-0.10316	0.0
20.75000	30.79267	-4.10000	-0.26424	-4.2979	-31.069E-6	-0.10028	0.0
21.33333	30.79267	-4.10000	-0.25685	-4.2979	-29.391E-6	-0.097445	0.0
21.91667	30.79267	-4.10000	-0.24930	-4.2979	-27.932E-6	-0.094660	0.0
22.50000	30.79267	-4.10000	-0.24162	-4.2979	-26.658E-6	-0.091922	0.0
23.08333	30.79267	-4.10000	-0.23383	-4.2979	-25.531E-6	-0.089225	0.0
23.66667	30.79267	-4.10000	-0.22596	-4.2979	-24.515E-6	-0.086560	0.0
24.25000	30.79267	-4.10000	-0.21804	-4.2979	-23.575E-6	-0.083919	0.0
24.83333	30.79267	-4.10000	-0.21007	-4.2979	-22.681E-6	-0.081238	0.0
25.41667	30.79267	-4.10000	-0.20208	-4.2979	-21.809E-6	-0.078678	0.0
26.00000	30.79267	-4.10000	-0.19409	-4.2979	-20.940E-6	-0.076070	0.0
26.58333	30.79267	-4.10000	-0.18612	-4.2979	-20.062E-6	-0.073466	0.0
27.16667	30.79267	-4.10000	-0.17818	-4.2979	-19.169E-6	-0.070870	0.0
27.75000	30.79267	-4.10000	-0.17030	-4.2979	-18.266E-6	-0.068283	0.0
28.33333	30.79267	-4.10000	-0.16250	-4.2979	-17.335E-6	-0.065712	0.0
28.91667							



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Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	X [m]	Location Y	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
	5.58333	31.38483	-4.10000	-0.20728	-4.2979	-31.321E-6	-0.084441	0.0
	6.16667	31.38483	-4.10000	-0.21641	-4.2979	-33.793E-6	-0.088099	0.0
	6.75000	31.38483	-4.10000	-0.22534	-4.2979	-36.303E-6	-0.091713	0.0
	7.33333	31.38483	-4.10000	-0.23399	-4.2979	-38.809E-6	-0.095239	0.0
	7.91667	31.38483	-4.10000	-0.24228	-4.2979	-41.262E-6	-0.098632	0.0
	8.50000	31.38483	-4.10000	-0.25011	-4.2979	-43.605E-6	-0.10184	0.0
	9.08333	31.38483	-4.10000	-0.25739	-4.2979	-45.779E-6	-0.10482	0.0
	9.66667	31.38483	-4.10000	-0.26405	-4.2979	-47.721E-6	-0.10751	0.0
	10.25000	31.38483	-4.10000	-0.27000	-4.2979	-49.368E-6	-0.10988	0.0
	10.83333	31.38483	-4.10000	-0.27517	-4.2979	-50.666E-6	-0.11187	0.0
	11.41667	31.38483	-4.10000	-0.27952	-4.2979	-51.365E-6	-0.11345	0.0
	12.00000	31.38483	-4.10000	-0.28296	-4.2979	-52.032E-6	-0.11461	0.0
	12.58333	31.38483	-4.10000	-0.28550	-4.2979	-52.045E-6	-0.11531	0.0
	13.16667	31.38483	-4.10000	-0.28711	-4.2979	-51.604E-6	-0.11556	0.0
	13.75000	31.38483	-4.10000	-0.28780	-4.2979	-50.726E-6	-0.11537	0.0
	14.33333	31.38483	-4.10000	-0.28758	-4.2979	-49.448E-6	-0.11476	0.0
	14.91667	31.38483	-4.10000	-0.28649	-4.2979	-47.822E-6	-0.11375	0.0
	15.50000	31.38483	-4.10000	-0.28458	-4.2979	-45.916E-6	-0.11240	0.0
	16.08333	31.38483	-4.10000	-0.28191	-4.2979	-43.804E-6	-0.11074	0.0
	16.66667	31.38483	-4.10000	-0.27853	-4.2979	-41.564E-6	-0.10882	0.0
	17.25000	31.38483	-4.10000	-0.27453	-4.2979	-39.274E-6	-0.10671	0.0
	17.83333	31.38483	-4.10000	-0.26997	-4.2979	-37.001E-6	-0.10444	0.0
	18.41667	31.38483	-4.10000	-0.26493	-4.2979	-34.805E-6	-0.10206	0.0
	19.00000	31.38483	-4.10000	-0.25946	-4.2979	-32.731E-6	-0.099616	0.0
	19.58333	31.38483	-4.10000	-0.25364	-4.2979	-30.809E-6	-0.097132	0.0
	20.16667	31.38483	-4.10000	-0.24752	-4.2979	-29.056E-6	-0.094640	0.0
	20.75000	31.38483	-4.10000	-0.24116	-4.2979	-27.476E-6	-0.092142	0.0
	21.33333	31.38483	-4.10000	-0.23458	-4.2979	-26.062E-6	-0.089665	0.0
	21.91667	31.38483	-4.10000	-0.22783	-4.2979	-24.800E-6	-0.087209	0.0
	22.50000	31.38483	-4.10000	-0.22095	-4.2979	-23.669E-6	-0.084775	0.0
	23.08333	31.38483	-4.10000	-0.21395	-4.2979	-22.647E-6	-0.082364	0.0
	23.66667	31.38483	-4.10000	-0.20687	-4.2979	-21.709E-6	-0.079970	0.0
	24.25000	31.38483	-4.10000	-0.19973	-4.2979	-20.834E-6	-0.077589	0.0
	24.83333	31.38483	-4.10000	-0.19254	-4.2979	-20.000E-6	-0.075219	0.0
	25.41667	31.38483	-4.10000	-0.18532	-4.2979	-19.192E-6	-0.07286	0.0
	26.00000	31.38483	-4.10000	-0.17809	-4.2979	-18.396E-6	-0.070500	0.0
	26.58333	31.38483	-4.10000	-0.17088	-4.2979	-17.603E-6	-0.068149	0.0
	27.16667	31.38483	-4.10000	-0.16370	-4.2979	-16.807E-6	-0.065806	0.0
	27.75000	31.38483	-4.10000	-0.15656	-4.2979	-16.007E-6	-0.063474	0.0
	28.33333	31.38483	-4.10000	-0.14950	-4.2979	-15.203E-6	-0.061158	0.0
	28.91667	31.38483	-4.10000	-0.14252	-4.2979	-14.399E-6	-0.058861	0.0
	29.50000	31.38483	-4.10000	-0.13565	-4.2979	-13.597E-6	-0.056592	0.0
	30.08333	31.38483	-4.10000	-0.12891	-4.2979	-12.803E-6	-0.054355	0.0
	30.66667	31.38483	-4.10000	-0.12230	-4.2979	-12.022E-6	-0.052157	0.0
	31.25000	31.38483	-4.10000	-0.11585	-4.2979	-11.260E-6	-0.050008	0.0
	31.83333	31.38483	-4.10000	-0.10957	-4.2979	-10.520E-6	-0.047902	0.0
	32.41667	31.38483	-4.10000	-0.10348	-4.2979	-9.8081E-6	-0.045855	0.0
	33.00000	31.38483	-4.10000	-0.097571	-4.2979	-9.1262E-6	-0.043867	0.0
	33.58333	31.38483	-4.10000	-0.091868	-4.2979	-8.4771E-6	-0.041943	0.0
	34.16667	31.38483	-4.10000	-0.086433	-4.2979	-7.8625E-6	-0.040085	0.0
	34.75000	31.38483	-4.10000	-0.081089	-4.2979	-7.2834E-6	-0.038294	0.0
	35.33333	31.38483	-4.10000	-0.076022	-4.2979	-6.7400E-6	-0.036572	0.0
	35.91667	31.38483	-4.10000	-0.071173	-4.2979	-6.2320E-6	-0.034919	0.0
	36.50000	31.38483	-4.10000	-0.066541	-4.2979	-5.7587E-6	-0.033335	0.0
	37.08333	31.38483	-4.10000	-0.062127	-4.2979	-5.3191E-6	-0.031827	0.0
	37.66667	31.38483	-4.10000	-0.057927	-4.2979	-4.9116E-6	-0.030372	0.0
	38.25000	31.38483	-4.10000	-0.053937	-4.2979	-4.5347E-6	-0.028990	0.0
	38.83333	31.38483	-4.10000	-0.050154	-4.2979	-4.1867E-6	-0.027673	0.0
	39.41667	31.38483	-4.10000	-0.046572	-4.2979	-3.8658E-6	-0.026418	0.0
	40.00000	31.38483	-4.10000	-0.043186	-4.2979	-3.5702E-6	-0.025226	0.0
	5.00000	31.97700	-4.10000	-0.18111	-4.2979	-24.730E-6	-0.074156	0.0
	5.58333	31.97700	-4.10000	-0.18930	-4.2979	-26.637E-6	-0.077313	0.0
	6.16667	31.97700	-4.10000	-0.19736	-4.2979	-28.585E-6	-0.080450	0.0
	6.75000	31.97700	-4.10000	-0.20524	-4.2979	-30.549E-6	-0.083537	0.0
	7.33333	31.97700	-4.10000	-0.21295	-4.2979	-32.495E-6	-0.086573	0.0
	7.91667	31.97700	-4.10000	-0.22013	-4.2979	-34.388E-6	-0.089417	0.0
	8.50000	31.97700	-4.10000	-0.22701	-4.2979	-36.186E-6	-0.092134	0.0
	9.08333	31.97700	-4.10000	-0.23340	-4.2979	-37.846E-6	-0.094651	0.0
	9.66667	31.97700	-4.10000	-0.23924	-4.2979	-39.323E-6	-0.096928	0.0
	10.25000	31.97700	-4.10000	-0.24466	-4.2979	-40.577E-6	-0.098937	0.0
	10.83333	31.97700	-4.10000	-0.24901	-4.2979	-41.566E-6	-0.10063	0.0
	11.41667	31.97700	-4.10000	-0.25283	-4.2979	-42.260E-6	-0.10199	0.0
	12.00000	31.97700	-4.10000	-0.25589	-4.2979	-42.634E-6	-0.10300	0.0
	12.58333	31.97700	-4.10000	-0.25817	-4.2979	-42.677E-6	-0.10364	0.0
	13.16667	31.97700	-4.10000	-0.25965	-4.2979	-42.381E-6	-0.10375	0.0
	13.75000	31.97700	-4.10000	-0.26033	-4.2979	-41.778E-6	-0.10383	0.0
	14.33333	31.97700	-4.10000	-0.26024	-4.2979	-40.874E-6	-0.10340	0.0
	14.91667	31.97700	-4.10000	-0.25938	-4.2979	-39.712E-6	-0.10265	0.0
	15.50000	31.97700	-4.10000	-0.25781	-4.2979	-38.337E-6	-0.10160	0.0
	16.08333	31.97700	-4.10000	-0.25656	-4.2979	-36.798E-6	-0.10029	0.0
	16.66667	31.97700	-4.10000	-0.25270	-4.2979	-35.153E-6	-0.098766	0.0
	17.25000	31.97700	-4.10000	-0.24927	-4.2979	-33.452E-6	-0.097053	0.0
	17.83333	31.97700	-4.10000	-0.24533	-4.2979	-31.742E-6	-0.095195	0.0
	18.41667	31.97700	-4.10000	-0.24095	-4.2979	-30.067E-6	-0.093224	0.0
	19.00000	31.97700	-4.10000	-0.23618	-4.2979	-28.460E-6	-0.09117	0.0
	19.58333	31.97700	-4.10000	-0.23107	-4.2979	-26.944E-6	-0.089066	0.0
	20.16667	31.97700	-4.10000	-0.22567	-4.2979	-25.535E-6	-0.086926	0.0
	20.75000	31.97700	-4.10000	-0.22002	-4.2979	-24.239E-6	-0.084768	0.0
	21.33333	31.97700	-4.10000	-0.21417	-4.2979	-23.054E-6	-0.082604	0.0
	21.91667	31.97700	-4.10000	-0.20815	-4.2979	-21.973E-6	-0.080445	0.0
	22.50000	31.97700	-4.10000	-0.20198	-4.2979	-20.985E-6	-0.078282	0.0
	23.08333	31.97700	-4.10000	-0.19570	-4.2979	-20.077E-6	-0.076129	0.0
	23.66667	31.97700	-4.10000	-0.18933	-4.2979	-19.232E-6	-0.073983	0.0
	24.25000	31.97700	-4.10000	-0.18290	-4.2979	-18.437E-6	-0.071843	0.0
	24.83333	31.97700	-4.10000	-0.17641	-4.2979	-17.676E-6	-0.069707	0.0
	25.41667	31.97700	-4.10000	-0.16989	-4.2979	-16.943E-6	-0.067576	0.0
	26.00000	31.97700	-4.10000	-0.16336	-4.2979	-16.224E-6	-0.065448	0.0
	26.58333	31.97700	-4.10000	-0.15684	-4.2979	-15.513E-6	-0.063326	0.0
	27.16667	31.97700	-4.10000	-0.15034	-4.2979	-14.807E-6	-0.061211	0.0
	27.75000	31.97700	-4.10000	-0.14389	-4.2979	-14.103E-6	-0.059106	0.0
	28.33333	31.97700	-4.10000	-0.13749	-4.2979	-13.402E-6	-0.057016	0.0
	28.91667	31.97700	-4.10000	-0.13117	-4.2979	-12.704E-6	-0.054944	0.0
	29.50000	31.97700	-4.10000	-0.12494	-4.2979	-12.013E-6	-0.052895	0.0
	30.08333	31.97700	-4.10000	-0.11881	-4.2979	-11.331E-6	-0.050875	0.0
	30.66667	31.97700	-4.10000	-0.11261	-4.2979	-10.662E-6	-0.048889	0.0
	31.25000	31.97700	-4.10000	-0.10695	-4.2979	-10.009E-6	-0.046942	0.0
	31.83333	31.97700	-4.10000	-0.10124	-4.2979	-9.3761E-6	-0.045038	0.0
	32.41667	31.97700	-4.10000	-0.095685	-4.2979	-8.7656E-6	-0.043181	0.0
	33.00000	31.97700	-4.10000	-0.090300	-4.2979	-8.1801E-6	-0.041375	0.0
	33.58333	31.97700	-4.10000	-0.085093	-4.2979	-7.6214E-6	-0.039624	0.0
	34.16667	31.97700	-4.10000	-0.080069	-4.2979	-7.0908E-6	-0.037928	0.0
	34.75000	31.97700	-4.10000	-0.075234	-4.2979	-6.5892E-6	-0.036291	0.0
	35.33333	31.97700	-4.10000	-0.070590	-4.2979	-6.1168E-6	-0.034714	0.0
	35.91667	31.97700	-4.10000	-0.066139	-4.2979	-5.6736E-6	-0.033193	0.0
	36.50000	31.97700	-4.10000	-0.061883	-4.2979	-5.2589E-6	-0.031739	0.0
	37.08333	31.97700	-4.10					



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Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z[Level] [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]			
				Sum Princ [kN/m ²]			
				Vert Strain [-]			
16.66667	32.56917	-4.10000	-0.22930	-4.2979	-29.889E-6	-0.089900	0.0
17.25000	32.56917	-4.10000	-0.22635	-4.2979	-28.610E-6	-0.088503	0.0
17.83333	32.56917	-4.10000	-0.22294	-4.2979	-27.310E-6	-0.086969	0.0
18.41667	32.56917	-4.10000	-0.21913	-4.2979	-26.020E-6	-0.085325	0.0
19.00000	32.56917	-4.10000	-0.21495	-4.2979	-24.764E-6	-0.083595	0.0
19.58333	32.56917	-4.10000	-0.21046	-4.2979	-23.562E-6	-0.081802	0.0
20.16667	32.56917	-4.10000	-0.20569	-4.2979	-22.425E-6	-0.079962	0.0
20.75000	32.56917	-4.10000	-0.20068	-4.2979	-21.361E-6	-0.078090	0.0
21.33333	32.56917	-4.10000	-0.19548	-4.2979	-20.370E-6	-0.076198	0.0
21.91667	32.56917	-4.10000	-0.19010	-4.2979	-19.451E-6	-0.074292	0.0
22.50000	32.56917	-4.10000	-0.18458	-4.2979	-18.597E-6	-0.072378	0.0
23.08333	32.56917	-4.10000	-0.17895	-4.2979	-17.800E-6	-0.070460	0.0
23.66667	32.56917	-4.10000	-0.17323	-4.2979	-17.050E-6	-0.068539	0.0
24.25000	32.56917	-4.10000	-0.16743	-4.2979	-16.340E-6	-0.066617	0.0
24.83333	32.56917	-4.10000	-0.16158	-4.2979	-15.659E-6	-0.064695	0.0
25.41667	32.56917	-4.10000	-0.15570	-4.2979	-15.000E-6	-0.062773	0.0
26.00000	32.56917	-4.10000	-0.14980	-4.2979	-14.356E-6	-0.060853	0.0
26.58333	32.56917	-4.10000	-0.14391	-4.2979	-13.724E-6	-0.058937	0.0
27.16667	32.56917	-4.10000	-0.13803	-4.2979	-13.099E-6	-0.057027	0.0
27.75000	32.56917	-4.10000	-0.13218	-4.2979	-12.480E-6	-0.055126	0.0
28.33333	32.56917	-4.10000	-0.12639	-4.2979	-11.866E-6	-0.053236	0.0
28.91667	32.56917	-4.10000	-0.12066	-4.2979	-11.260E-6	-0.051364	0.0
29.50000	32.56917	-4.10000	-0.11501	-4.2979	-10.660E-6	-0.049511	0.0
30.08333	32.56917	-4.10000	-0.10945	-4.2979	-10.071E-6	-0.047684	0.0
30.66667	32.56917	-4.10000	-0.10400	-4.2979	-9.4943E-6	-0.045885	0.0
31.25000	32.56917	-4.10000	-0.09873	-4.2979	-8.9320E-6	-0.044139	0.0
31.83333	32.56917	-4.10000	-0.093474	-4.2979	-8.3866E-6	-0.042391	0.0
32.41667	32.56917	-4.10000	-0.088415	-4.2979	-7.8602E-6	-0.040704	0.0
33.00000	32.56917	-4.10000	-0.083505	-4.2979	-7.3546E-6	-0.039060	0.0
33.58333	32.56917	-4.10000	-0.078751	-4.2979	-6.8711E-6	-0.037463	0.0
34.16667	32.56917	-4.10000	-0.074159	-4.2979	-6.4109E-6	-0.035914	0.0
34.75000	32.56917	-4.10000	-0.069734	-4.2979	-5.9744E-6	-0.034415	0.0
35.33333	32.56917	-4.10000	-0.065479	-4.2979	-5.5622E-6	-0.032968	0.0
35.91667	32.56917	-4.10000	-0.061395	-4.2979	-5.1740E-6	-0.031573	0.0
36.50000	32.56917	-4.10000	-0.057485	-4.2979	-4.8096E-6	-0.030230	0.0
37.08333	32.56917	-4.10000	-0.053747	-4.2979	-4.4684E-6	-0.028946	0.0
37.66667	32.56917	-4.10000	-0.050180	-4.2979	-4.1497E-6	-0.027702	0.0
38.25000	32.56917	-4.10000	-0.046783	-4.2979	-3.8527E-6	-0.026515	0.0
38.83333	32.56917	-4.10000	-0.043553	-4.2979	-3.5763E-6	-0.025378	0.0
39.41667	32.56917	-4.10000	-0.040487	-4.2979	-3.3195E-6	-0.024291	0.0
40.00000	32.56917	-4.10000	-0.037580	-4.2979	-3.0813E-6	-0.023251	0.0
5.00000	33.16133	-4.10000	-0.15132	-4.2979	-18.331E-6	-0.062918	0.0
5.58333	33.16133	-4.10000	-0.15776	-4.2979	-19.561E-6	-0.065292	0.0
6.16667	33.16133	-4.10000	-0.16408	-4.2979	-20.802E-6	-0.067635	0.0
6.75000	33.16133	-4.10000	-0.17023	-4.2979	-22.037E-6	-0.069959	0.0
7.33333	33.16133	-4.10000	-0.17616	-4.2979	-23.247E-6	-0.072139	0.0
7.91667	33.16133	-4.10000	-0.18182	-4.2979	-24.412E-6	-0.074252	0.0
8.50000	33.16133	-4.10000	-0.18715	-4.2979	-25.509E-6	-0.076241	0.0
9.08333	33.16133	-4.10000	-0.19210	-4.2979	-26.515E-6	-0.078080	0.0
9.66667	33.16133	-4.10000	-0.19662	-4.2979	-27.408E-6	-0.079746	0.0
10.25000	33.16133	-4.10000	-0.20067	-4.2979	-28.166E-6	-0.081217	0.0
10.83333	33.16133	-4.10000	-0.20421	-4.2979	-28.771E-6	-0.082474	0.0
11.41667	33.16133	-4.10000	-0.20720	-4.2979	-29.206E-6	-0.083502	0.0
12.00000	33.16133	-4.10000	-0.20963	-4.2979	-29.460E-6	-0.084287	0.0
12.58333	33.16133	-4.10000	-0.21146	-4.2979	-29.529E-6	-0.084825	0.0
13.16667	33.16133	-4.10000	-0.21270	-4.2979	-29.413E-6	-0.085112	0.0
13.75000	33.16133	-4.10000	-0.21334	-4.2979	-29.117E-6	-0.085151	0.0
14.33333	33.16133	-4.10000	-0.21338	-4.2979	-28.655E-6	-0.084951	0.0
14.91667	33.16133	-4.10000	-0.21286	-4.2979	-28.043E-6	-0.084524	0.0
15.50000	33.16133	-4.10000	-0.21178	-4.2979	-27.301E-6	-0.083870	0.0
16.08333	33.16133	-4.10000	-0.21018	-4.2979	-26.460E-6	-0.083057	0.0
16.66667	33.16133	-4.10000	-0.20809	-4.2979	-25.540E-6	-0.082057	0.0
17.25000	33.16133	-4.10000	-0.20555	-4.2979	-24.568E-6	-0.080909	0.0
17.83333	33.16133	-4.10000	-0.20259	-4.2979	-23.570E-6	-0.079634	0.0
18.41667	33.16133	-4.10000	-0.19927	-4.2979	-22.568E-6	-0.078287	0.0
19.00000	33.16133	-4.10000	-0.19561	-4.2979	-21.579E-6	-0.076789	0.0
19.58333	33.16133	-4.10000	-0.19165	-4.2979	-20.619E-6	-0.075256	0.0
20.16667	33.16133	-4.10000	-0.18744	-4.2979	-19.699E-6	-0.073669	0.0
20.75000	33.16133	-4.10000	-0.18300	-4.2979	-18.823E-6	-0.072042	0.0
21.33333	33.16133	-4.10000	-0.17836	-4.2979	-17.996E-6	-0.070386	0.0
21.91667	33.16133	-4.10000	-0.17357	-4.2979	-17.217E-6	-0.068705	0.0
22.50000	33.16133	-4.10000	-0.16863	-4.2979	-16.483E-6	-0.067008	0.0
23.08333	33.16133	-4.10000	-0.16358	-4.2979	-15.790E-6	-0.065299	0.0
23.66667	33.16133	-4.10000	-0.15844	-4.2979	-15.132E-6	-0.063581	0.0
24.25000	33.16133	-4.10000	-0.15322	-4.2979	-14.503E-6	-0.061857	0.0
24.83333	33.16133	-4.10000	-0.14795	-4.2979	-13.898E-6	-0.060128	0.0
25.41667	33.16133	-4.10000	-0.14264	-4.2979	-13.312E-6	-0.058396	0.0
26.00000	33.16133	-4.10000	-0.13732	-4.2979	-12.741E-6	-0.056664	0.0
26.58333	33.16133	-4.10000	-0.13199	-4.2979	-12.180E-6	-0.054934	0.0
27.16667	33.16133	-4.10000	-0.12667	-4.2979	-11.628E-6	-0.053207	0.0
27.75000	33.16133	-4.10000	-0.12138	-4.2979	-11.084E-6	-0.051488	0.0
28.33333	33.16133	-4.10000	-0.11613	-4.2979	-10.547E-6	-0.049779	0.0
28.91667	33.16133	-4.10000	-0.11094	-4.2979	-10.018E-6	-0.048083	0.0
29.50000	33.16133	-4.10000	-0.10581	-4.2979	-9.4967E-6	-0.046406	0.0
30.08333	33.16133	-4.10000	-0.10077	-4.2979	-8.9854E-6	-0.044747	0.0
30.66667	33.16133	-4.10000	-0.095821	-4.2979	-8.4853E-6	-0.043117	0.0
31.25000	33.16133	-4.10000	-0.090975	-4.2979	-7.9983E-6	-0.041514	0.0
31.83333	33.16133	-4.10000	-0.086244	-4.2979	-7.5259E-6	-0.039942	0.0
32.41667	33.16133	-4.10000	-0.081635	-4.2979	-7.0697E-6	-0.038406	0.0
33.00000	33.16133	-4.10000	-0.077158	-4.2979	-6.6309E-6	-0.036907	0.0
33.58333	33.16133	-4.10000	-0.072818	-4.2979	-6.2106E-6	-0.035447	0.0
34.16667	33.16133	-4.10000	-0.068622	-4.2979	-5.8095E-6	-0.034030	0.0
34.75000	33.16133	-4.10000	-0.064573	-4.2979	-5.4283E-6	-0.032656	0.0
35.33333	33.16133	-4.10000	-0.060674	-4.2979	-5.0671E-6	-0.031327	0.0
35.91667	33.16133	-4.10000	-0.056928	-4.2979	-4.7260E-6	-0.030042	0.0
36.50000	33.16133	-4.10000	-0.053337	-4.2979	-4.4048E-6	-0.028805	0.0
37.08333	33.16133	-4.10000	-0.049899	-4.2979	-4.1031E-6	-0.027613	0.0
37.66667	33.16133	-4.10000	-0.046615	-4.2979	-3.8203E-6	-0.026466	0.0
38.25000	33.16133	-4.10000	-0.043483	-4.2979	-3.5558E-6	-0.025365	0.0
38.83333	33.16133	-4.10000	-0.040501	-4.2979	-3.3099E-6	-0.024308	0.0
39.41667	33.16133	-4.10000	-0.037667	-4.2979	-3.0787E-6	-0.023295	0.0
40.00000	33.16133	-4.10000	-0.034976	-4.2979	-2.8644E-6	-0.022325	0.0
5.00000	33.75350	-4.10000	-0.13824	-4.2979	-15.884E-6	-0.058138	0.0
5.58333	33.75350	-4.10000	-0.14396	-4.2979	-16.883E-6	-0.060210	0.0
6.16667	33.75350	-4.10000	-0.14957	-4.2979	-17.885E-6	-0.062297	0.0
6.75000	33.75350	-4.10000	-0.15502	-4.2979	-18.876E-6	-0.064236	0.0
7.33333	33.75350	-4.10000	-0.16026	-4.2979	-19.844E-6	-0.066153	0.0
7.91667	33.75350	-4.10000	-0.16526	-4.2979	-20.772E-6	-0.067980	0.0
8.50000	33.75350	-4.10000	-0.16997	-4.2979	-21.642E-6	-0.069698	0.0
9.08333	33.75350	-4.10000	-0.17433	-4.2979	-22.440E-6	-0.071285	0.0
9.66667	33.75350	-4.10000	-0.17833	-4.2979	-23.147E-6	-0.072725	0.0
10.25000	33.75350	-4.10000	-0.18191	-4.2979	-23.748E-6	-0.073999	0.0
10.83333	33.75350	-4.10000	-0.18504	-4.2979	-24.231E-6	-0.075092	0.0
11.41667	33.75350	-4.10000	-0.18769	-4.2979	-24.581E-6	-0.075952	0.0
12.00000	33.75350	-4.10000	-0.18985	-4.2979	-24.797E-6	-0.076690	0.0
12.58333	33.75350	-4.10000	-0.19150	-4.2979	-24.869E-6	-0.077180	0.0
13.16667	33.75350	-4.10000	-0.19263	-4.2979	-24.800E-6	-0.077460	0.0
13.75000	33.75350	-4.10000	-0.19323	-4.2979	-24.595E-6	-0.077533	0.0
14.33333	33.75350	-4.10000	-0.19332	-4.2979	-24.261E-6	-0.077404	0.0
14.9							



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	Location	Displacement	Stresses				
X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	Vert Strain [-]
27.75000	33.75350	-4.10000	-0.11141	-4.2979	-9.8773E-6	-0.048155	0.0
28.33333	33.75350	-4.10000	-0.10666	-4.2979	-9.4066E-6	-0.046607	0.0
28.91667	33.75350	-4.10000	-0.10195	-4.2979	-8.9435E-6	-0.045071	0.0
29.50000	33.75350	-4.10000	-0.097303	-4.2979	-8.4888E-6	-0.043549	0.0
30.08333	33.75350	-4.10000	-0.092725	-4.2979	-8.0433E-6	-0.042044	0.0
30.66667	33.75350	-4.10000	-0.088498	-4.2979	-7.6081E-6	-0.040582	0.0
31.25000	33.75350	-4.10000	-0.083822	-4.2979	-7.1845E-6	-0.039103	0.0
31.83333	33.75350	-4.10000	-0.079515	-4.2979	-6.7735E-6	-0.037671	0.0
32.41667	33.75350	-4.10000	-0.075317	-4.2979	-6.3762E-6	-0.036270	0.0
33.00000	33.75350	-4.10000	-0.071235	-4.2979	-5.9937E-6	-0.034901	0.0
33.58333	33.75350	-4.10000	-0.067273	-4.2979	-5.6263E-6	-0.033566	0.0
34.16667	33.75350	-4.10000	-0.063438	-4.2979	-5.2760E-6	-0.032267	0.0
34.75000	33.75350	-4.10000	-0.059733	-4.2979	-4.9417E-6	-0.031006	0.0
35.33333	33.75350	-4.10000	-0.056163	-4.2979	-4.6242E-6	-0.029783	0.0
35.91667	33.75350	-4.10000	-0.052728	-4.2979	-4.3236E-6	-0.028600	0.0
36.50000	33.75350	-4.10000	-0.049430	-4.2979	-4.0396E-6	-0.027457	0.0
37.08333	33.75350	-4.10000	-0.046270	-4.2979	-3.7721E-6	-0.026355	0.0
37.66667	33.75350	-4.10000	-0.043247	-4.2979	-3.5206E-6	-0.025292	0.0
38.25000	33.75350	-4.10000	-0.040361	-4.2979	-3.2846E-6	-0.024270	0.0
38.83333	33.75350	-4.10000	-0.037609	-4.2979	-3.0636E-6	-0.023287	0.0
39.41667	33.75350	-4.10000	-0.374990	-4.2979	-2.8570E-6	-0.022345	0.0
40.00000	33.75350	-4.10000	-0.032501	-4.2979	-2.6640E-6	-0.021437	0.0
5.00000	34.34567	-4.10000	-0.12625	-4.2979	-13.820E-6	-0.053827	0.0
5.58333	34.34567	-4.10000	-0.13134	-4.2979	-14.636E-6	-0.055643	0.0
6.16667	34.34567	-4.10000	-0.13632	-4.2979	-15.450E-6	-0.057425	0.0
6.75000	34.34567	-4.10000	-0.14135	-4.2979	-16.253E-6	-0.059181	0.0
7.33333	34.34567	-4.10000	-0.14579	-4.2979	-17.033E-6	-0.060826	0.0
7.91667	34.34567	-4.10000	-0.15022	-4.2979	-17.779E-6	-0.062414	0.0
8.50000	34.34567	-4.10000	-0.15438	-4.2979	-18.477E-6	-0.063906	0.0
9.08333	34.34567	-4.10000	-0.15824	-4.2979	-19.135E-6	-0.065284	0.0
9.66667	34.34567	-4.10000	-0.16177	-4.2979	-19.681E-6	-0.066557	0.0
10.25000	34.34567	-4.10000	-0.16494	-4.2979	-20.164E-6	-0.067644	0.0
10.83333	34.34567	-4.10000	-0.16771	-4.2979	-20.554E-6	-0.068600	0.0
11.41667	34.34567	-4.10000	-0.17007	-4.2979	-20.842E-6	-0.069393	0.0
12.00000	34.34567	-4.10000	-0.17200	-4.2979	-21.024E-6	-0.070014	0.0
12.58333	34.34567	-4.10000	-0.17348	-4.2979	-21.096E-6	-0.070468	0.0
13.16667	34.34567	-4.10000	-0.17450	-4.2979	-21.059E-6	-0.070731	0.0
13.75000	34.34567	-4.10000	-0.17507	-4.2979	-20.917E-6	-0.070825	0.0
14.33333	34.34567	-4.10000	-0.17519	-4.2979	-20.674E-6	-0.070748	0.0
14.91667	34.34567	-4.10000	-0.17487	-4.2979	-20.341E-6	-0.070507	0.0
15.50000	34.34567	-4.10000	-0.17412	-4.2979	-19.927E-6	-0.070110	0.0
16.08333	34.34567	-4.10000	-0.17297	-4.2979	-19.446E-6	-0.069569	0.0
16.66667	34.34567	-4.10000	-0.17143	-4.2979	-18.910E-6	-0.068897	0.0
17.25000	34.34567	-4.10000	-0.16952	-4.2979	-18.333E-6	-0.068105	0.0
17.83333	34.34567	-4.10000	-0.16728	-4.2979	-17.723E-6	-0.067208	0.0
18.41667	34.34567	-4.10000	-0.16474	-4.2979	-17.108E-6	-0.066221	0.0
19.00000	34.34567	-4.10000	-0.16191	-4.2979	-16.482E-6	-0.065154	0.0
19.58333	34.34567	-4.10000	-0.15884	-4.2979	-15.860E-6	-0.064019	0.0
20.16667	34.34567	-4.10000	-0.15554	-4.2979	-15.248E-6	-0.062828	0.0
20.75000	34.34567	-4.10000	-0.15204	-4.2979	-14.651E-6	-0.061589	0.0
21.33333	34.34567	-4.10000	-0.14837	-4.2979	-14.074E-6	-0.060312	0.0
21.91667	34.34567	-4.10000	-0.14455	-4.2979	-13.516E-6	-0.059002	0.0
22.50000	34.34567	-4.10000	-0.14060	-4.2979	-12.979E-6	-0.057667	0.0
23.08333	34.34567	-4.10000	-0.13654	-4.2979	-12.462E-6	-0.056310	0.0
23.66667	34.34567	-4.10000	-0.13239	-4.2979	-11.963E-6	-0.054935	0.0
24.25000	34.34567	-4.10000	-0.12817	-4.2979	-11.481E-6	-0.053548	0.0
24.83333	34.34567	-4.10000	-0.12390	-4.2979	-11.013E-6	-0.052149	0.0
25.41667	34.34567	-4.10000	-0.11958	-4.2979	-10.557E-6	-0.050743	0.0
26.00000	34.34567	-4.10000	-0.11525	-4.2979	-10.112E-6	-0.049332	0.0
26.58333	34.34567	-4.10000	-0.11089	-4.2979	-9.6757E-6	-0.047918	0.0
27.16667	34.34567	-4.10000	-0.10655	-4.2979	-9.2478E-6	-0.046505	0.0
27.75000	34.34567	-4.10000	-0.10221	-4.2979	-8.8274E-6	-0.045095	0.0
28.33333	34.34567	-4.10000	-0.097908	-4.2979	-8.4143E-6	-0.043692	0.0
28.91667	34.34567	-4.10000	-0.093641	-4.2979	-8.0087E-6	-0.042297	0.0
29.50000	34.34567	-4.10000	-0.089424	-4.2979	-7.6108E-6	-0.040915	0.0
30.08333	34.34567	-4.10000	-0.085268	-4.2979	-7.2215E-6	-0.039547	0.0
30.66667	34.34567	-4.10000	-0.081183	-4.2979	-6.8414E-6	-0.038198	0.0
31.25000	34.34567	-4.10000	-0.077176	-4.2979	-6.4714E-6	-0.036869	0.0
31.83333	34.34567	-4.10000	-0.073257	-4.2979	-6.1124E-6	-0.035563	0.0
32.41667	34.34567	-4.10000	-0.069432	-4.2979	-5.7652E-6	-0.034281	0.0
33.00000	34.34567	-4.10000	-0.065709	-4.2979	-5.4305E-6	-0.033030	0.0
33.58333	34.34567	-4.10000	-0.062093	-4.2979	-5.1089E-6	-0.031807	0.0
34.16667	34.34567	-4.10000	-0.058589	-4.2979	-4.8010E-6	-0.030615	0.0
34.75000	34.34567	-4.10000	-0.055200	-4.2979	-4.5069E-6	-0.029456	0.0
35.33333	34.34567	-4.10000	-0.051957	-4.2979	-4.2270E-6	-0.028333	0.0
35.91667	34.34567	-4.10000	-0.048781	-4.2979	-3.9612E-6	-0.027239	0.0
36.50000	34.34567	-4.10000	-0.045754	-4.2979	-3.7096E-6	-0.026183	0.0
37.08333	34.34567	-4.10000	-0.042850	-4.2979	-3.4718E-6	-0.025163	0.0
37.66667	34.34567	-4.10000	-0.040069	-4.2979	-3.2477E-6	-0.024178	0.0
38.25000	34.34567	-4.10000	-0.038432	-4.2979	-3.0368E-6	-0.023229	0.0
38.83333	34.34567	-4.10000	-0.034872	-4.2979	-2.8387E-6	-0.022313	0.0
39.41667	34.34567	-4.10000	-0.032454	-4.2979	-2.6529E-6	-0.021433	0.0
40.00000	34.34567	-4.10000	-0.030153	-4.2979	-2.4789E-6	-0.020587	0.0
5.00000	34.93783	-4.10000	-0.11525	-4.2979	-12.070E-6	-0.049930	0.0
5.58333	34.93783	-4.10000	-0.11798	-4.2979	-12.741E-6	-0.051475	0.0
6.16667	34.93783	-4.10000	-0.12421	-4.2979	-13.408E-6	-0.053092	0.0
6.75000	34.93783	-4.10000	-0.12850	-4.2979	-14.063E-6	-0.054609	0.0
7.33333	34.93783	-4.10000	-0.13262	-4.2979	-14.697E-6	-0.056068	0.0
7.91667	34.93783	-4.10000	-0.13654	-4.2979	-15.301E-6	-0.057455	0.0
8.50000	34.93783	-4.10000	-0.14023	-4.2979	-15.866E-6	-0.058795	0.0
9.08333	34.93783	-4.10000	-0.14365	-4.2979	-16.382E-6	-0.059960	0.0
9.66667	34.93783	-4.10000	-0.14677	-4.2979	-16.839E-6	-0.061052	0.0
10.25000	34.93783	-4.10000	-0.14958	-4.2979	-17.231E-6	-0.062024	0.0
10.83333	34.93783	-4.10000	-0.15204	-4.2979	-17.549E-6	-0.062864	0.0
11.41667	34.93783	-4.10000	-0.15414	-4.2979	-17.787E-6	-0.063555	0.0
12.00000	34.93783	-4.10000	-0.15586	-4.2979	-17.943E-6	-0.064120	0.0
12.58333	34.93783	-4.10000	-0.15719	-4.2979	-18.012E-6	-0.064527	0.0
13.16667	34.93783	-4.10000	-0.15812	-4.2979	-17.997E-6	-0.064784	0.0
13.75000	34.93783	-4.10000	-0.15865	-4.2979	-17.899E-6	-0.064891	0.0
14.33333	34.93783	-4.10000	-0.15879	-4.2979	-17.723E-6	-0.064852	0.0
14.91667	34.93783	-4.10000	-0.15854	-4.2979	-17.474E-6	-0.064671	0.0
15.50000	34.93783	-4.10000	-0.15792	-4.2979	-17.161E-6	-0.064356	0.0
16.08333	34.93783	-4.10000	-0.15693	-4.2979	-16.792E-6	-0.063916	0.0
16.66667	34.93783	-4.10000	-0.15560	-4.2979	-16.378E-6	-0.063359	0.0
17.25000	34.93783	-4.10000	-0.15395	-4.2979	-15.928E-6	-0.062696	0.0
17.83333	34.93783	-4.10000	-0.15199	-4.2979	-15.451E-6	-0.061938	0.0
18.41667	34.93783	-4.10000	-0.14976	-4.2979	-14.957E-6	-0.061095	0.0
19.00000	34.93783	-4.10000	-0.14727	-4.2979	-14.454E-6	-0.060178	0.0
19.58333	34.93783	-4.10000	-0.14456	-4.2979	-13.948E-6	-0.059197	0.0
20.16667	34.93783	-4.10000	-0.14163	-4.2979	-13.446E-6	-0.058159	0.0
20.75000	34.93783	-4.10000	-0.13853	-4.2979	-12.951E-6	-0.057075	0.0
21.33333	34.93783	-4.10000	-0.13526	-4.2979	-12.467E-6	-0.055950	0.0
21.91667	34.93783	-4.10000	-0.13185	-4.2979	-11.996E-6	-0.054792	0.0
22.50000	34.93783	-4.10000	-0.12831	-4.2979	-11.537E-6	-0.053605	0.0
23.08333	34.93783	-4.10000	-0.12468	-4.2979	-11.092E-6	-0.052379	0.0
23.66667	34.93783	-4.10000	-0.12095	-4.2979	-10.660E-6	-0.051164	0.0
24.25000	34.93783	-4.10000	-0.11716	-4.2979	-10.240E-6	-0.049918	0.0
24.83333	34.93783	-4.10000	-0.11331	-4.2979	-9.8303E-6	-0.048660	0.0
25.41667	34.93783	-4.10000	-0.10942	-4.2979	-9.4304E-6	-0.047392	0.0
26.00000	34.93783	-					



63 Rosslyn Hill, Camden
Drained

CARD GEOTECHNICS LIMITED

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SUM	Date	Checked

Name	Location			Displacement Z [mm]	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]		Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
A-AA	38.83333	34.93783	-4.10000	-0.032285	-4.2979	-2.6321E-6	-0.021384	0.0
	39.41667	34.93783	-4.10000	-0.030053	-4.2979	-2.4649E-6	-0.020563	0.0
	40.00000	34.93783	-4.10000	-0.027927	-4.2979	-2.3078E-6	-0.019773	0.0
	5.00000	35.53000	-4.10000	-0.10517	-4.2979	-10.581E-6	-0.046400	0.0
	5.58333	35.53000	-4.10000	-0.10921	-4.2979	-11.136E-6	-0.047810	0.0
	6.16667	35.53000	-4.10000	-0.11315	-4.2979	-11.685E-6	-0.049188	0.0
	6.75000	35.53000	-4.10000	-0.11696	-4.2979	-12.223E-6	-0.050523	0.0
	7.33333	35.53000	-4.10000	-0.12062	-4.2979	-12.742E-6	-0.051804	0.0
	7.91667	35.53000	-4.10000	-0.12410	-4.2979	-13.236E-6	-0.053021	0.0
	8.50000	35.53000	-4.10000	-0.12737	-4.2979	-13.697E-6	-0.054162	0.0
	9.08333	35.53000	-4.10000	-0.13040	-4.2979	-14.117E-6	-0.055217	0.0
	9.66667	35.53000	-4.10000	-0.13318	-4.2979	-14.491E-6	-0.056176	0.0
	10.25000	35.53000	-4.10000	-0.13567	-4.2979	-14.811E-6	-0.057030	0.0
	10.83333	35.53000	-4.10000	-0.13786	-4.2979	-15.073E-6	-0.057772	0.0
	11.41667	35.53000	-4.10000	-0.13972	-4.2979	-15.272E-6	-0.058394	0.0
	12.00000	35.53000	-4.10000	-0.14126	-4.2979	-15.405E-6	-0.058892	0.0
	12.58333	35.53000	-4.10000	-0.14245	-4.2979	-15.472E-6	-0.059263	0.0
	13.16667	35.53000	-4.10000	-0.14330	-4.2979	-15.470E-6	-0.059505	0.0
	13.75000	35.53000	-4.10000	-0.14380	-4.2979	-15.404E-6	-0.059619	0.0
	14.33333	35.53000	-4.10000	-0.14395	-4.2979	-15.275E-6	-0.059607	0.0
	14.91667	35.53000	-4.10000	-0.14375	-4.2979	-15.088E-6	-0.059473	0.0
	15.50000	35.53000	-4.10000	-0.14323	-4.2979	-14.849E-6	-0.059222	0.0
	16.08333	35.53000	-4.10000	-0.14238	-4.2979	-14.565E-6	-0.058861	0.0
	16.66667	35.53000	-4.10000	-0.14123	-4.2979	-14.242E-6	-0.058397	0.0
	17.25000	35.53000	-4.10000	-0.13979	-4.2979	-13.877E-6	-0.057839	0.0
	17.83333	35.53000	-4.10000	-0.13808	-4.2979	-13.509E-6	-0.057194	0.0
	18.41667	35.53000	-4.10000	-0.13612	-4.2979	-13.113E-6	-0.056472	0.0
	19.00000	35.53000	-4.10000	-0.13393	-4.2979	-12.706E-6	-0.055681	0.0
	19.58333	35.53000	-4.10000	-0.13153	-4.2979	-12.293E-6	-0.054829	0.0
	20.16667	35.53000	-4.10000	-0.12894	-4.2979	-11.873E-6	-0.053923	0.0
	20.75000	35.53000	-4.10000	-0.12618	-4.2979	-11.468E-6	-0.052971	0.0
	21.33333	35.53000	-4.10000	-0.12327	-4.2979	-11.061E-6	-0.051979	0.0
	21.91667	35.53000	-4.10000	-0.12022	-4.2979	-10.662E-6	-0.050952	0.0
	22.50000	35.53000	-4.10000	-0.11706	-4.2979	-10.271E-6	-0.049896	0.0
	23.08333	35.53000	-4.10000	-0.11380	-4.2979	-9.880E-6	-0.048815	0.0
	23.66667	35.53000	-4.10000	-0.11046	-4.2979	-9.5140E-6	-0.047713	0.0
	24.25000	35.53000	-4.10000	-0.10705	-4.2979	-9.1485E-6	-0.046594	0.0
	24.83333	35.53000	-4.10000	-0.10358	-4.2979	-8.7908E-6	-0.045461	0.0
	25.41667	35.53000	-4.10000	-0.10008	-4.2979	-8.4406E-6	-0.044317	0.0
	26.00000	35.53000	-4.10000	-0.09644	-4.2979	-8.0972E-6	-0.043165	0.0
26.58333	35.53000	-4.10000	-0.092994	-4.2979	-7.7603E-6	-0.042007	0.0	
27.16667	35.53000	-4.10000	-0.089440	-4.2979	-7.4295E-6	-0.040847	0.0	
27.75000	35.53000	-4.10000	-0.085892	-4.2979	-7.1046E-6	-0.039687	0.0	
28.33333	35.53000	-4.10000	-0.082361	-4.2979	-6.7857E-6	-0.038530	0.0	
28.91667	35.53000	-4.10000	-0.078856	-4.2979	-6.4728E-6	-0.037377	0.0	
29.50000	35.53000	-4.10000	-0.075387	-4.2979	-6.1666E-6	-0.036232	0.0	
30.08333	35.53000	-4.10000	-0.071962	-4.2979	-5.8667E-6	-0.035097	0.0	
30.66667	35.53000	-4.10000	-0.068589	-4.2979	-5.5742E-6	-0.033975	0.0	
31.25000	35.53000	-4.10000	-0.065276	-4.2979	-5.2894E-6	-0.032867	0.0	
31.83333	35.53000	-4.10000	-0.062029	-4.2979	-5.0128E-6	-0.031779	0.0	
32.41667	35.53000	-4.10000	-0.058856	-4.2979	-4.7449E-6	-0.030703	0.0	
33.00000	35.53000	-4.10000	-0.055760	-4.2979	-4.4860E-6	-0.029650	0.0	
33.58333	35.53000	-4.10000	-0.052748	-4.2979	-4.2367E-6	-0.028620	0.0	
34.16667	35.53000	-4.10000	-0.049823	-4.2979	-3.9971E-6	-0.027613	0.0	
34.75000	35.53000	-4.10000	-0.046989	-4.2979	-3.7675E-6	-0.026630	0.0	
35.33333	35.53000	-4.10000	-0.044248	-4.2979	-3.5481E-6	-0.025673	0.0	
35.91667	35.53000	-4.10000	-0.041602	-4.2979	-3.3388E-6	-0.024742	0.0	
36.50000	35.53000	-4.10000	-0.039054	-4.2979	-3.1398E-6	-0.023838	0.0	
37.08333	35.53000	-4.10000	-0.036604	-4.2979	-2.9508E-6	-0.022962	0.0	
37.66667	35.53000	-4.10000	-0.034252	-4.2979	-2.7717E-6	-0.022113	0.0	
38.25000	35.53000	-4.10000	-0.031999	-4.2979	-2.6023E-6	-0.021292	0.0	
38.83333	35.53000	-4.10000	-0.029843	-4.2979	-2.4424E-6	-0.020498	0.0	
39.41667	35.53000	-4.10000	-0.027784	-4.2979	-2.2917E-6	-0.019732	0.0	
40.00000	35.53000	-4.10000	-0.025821	-4.2979	-2.1497E-6	-0.018994	0.0	
B-BB	25.34000	15.23000	-1.00000	2.8411	-1.1500	0.0	0.0	0.0
	25.84000	15.23045	-1.00000	3.2967	-1.1505	0.0	0.0	0.0
	26.34000	15.23091	-1.00000	1.7383	-1.1500	0.0	0.0	0.0
	26.84000	15.23136	-1.00000	-0.067563	-1.1500	0.0	0.0	0.0
	27.34000	15.23182	-1.00000	-0.56315	-1.1500	0.0	0.0	0.0
	27.84000	15.23227	-1.00000	-0.74650	-1.1500	0.0	0.0	0.0
	28.34000	15.23273	-1.00000	-0.83107	-1.1503	0.0	0.0	0.0
	28.84000	15.23318	-1.00000	-0.83042	-1.1500	0.0	0.0	0.0
	29.34000	15.23364	-1.00000	-0.79805	-1.1500	0.0	0.0	0.0
	29.84000	15.23409	-1.00000	-0.75267	-1.1500	0.0	0.0	0.0
	30.34000	15.23455	-1.00000	-0.70302	-1.1500	0.0	0.0	0.0
	30.84000	15.23500	-1.00000	-0.65298	-1.1500	0.0	0.0	0.0
	31.34000	15.23545	-1.00000	-0.60439	-1.1500	0.0	0.0	0.0
	31.84000	15.23591	-1.00000	-0.55815	-1.1500	0.0	0.0	0.0
	32.34000	15.23636	-1.00000	-0.51468	-1.1500	0.0	0.0	0.0
	32.84000	15.23682	-1.00000	-0.47412	-1.1500	0.0	0.0	0.0
	33.34000	15.23727	-1.00000	-0.43649	-1.1500	0.0	0.0	0.0
	33.84000	15.23773	-1.00000	-0.40169	-1.1500	0.0	0.0	0.0
	34.34000	15.23818	-1.00000	-0.36958	-1.1500	0.0	0.0	0.0
	34.84000	15.23864	-1.00000	-0.34000	-1.1500	0.0	0.0	0.0
35.34000	15.23909	-1.00000	-0.31278	-1.1500	0.0	0.0	0.0	
35.84000	15.23955	-1.00000	-0.28774	-1.1500	0.0	0.0	0.0	
36.34000	15.24000	-1.00000	-0.26473	-1.1500	0.0	0.0	0.0	
26.10000	11.00000	-4.10000	-4.4649	-4.2979	-65.776	-126.90	-0.0010301	
26.10000	10.50000	-4.10000	-4.2247	-4.2979	-68.170	-118.10	-0.0011192	
26.10000	10.00000	-4.10000	-3.4505	-4.2979	-36.864	-69.035	-585.34E-6	
26.10000	9.50000	-4.10000	-2.6140	-4.2979	-1.9112	-17.947	24.928E-6	
26.10000	9.00000	-4.10000	-2.2205	-4.2979	-0.26566	-7.7692	23.757E-6	
26.10000	8.50000	-4.10000	-1.9476	-4.2979	-0.075855	-4.4614	15.413E-6	
26.10000	8.00000	-4.10000	-1.7360	-4.2979	-0.030371	-2.9347	10.589E-6	
26.10000	7.50000	-4.10000	-1.5627	-4.2979	-0.014710	-2.0912	7.7054E-6	
26.10000	7.00000	-4.10000	-1.4159	-4.2979	-0.0080514	-1.5713	5.8589E-6	
26.10000	6.50000	-4.10000	-1.2890	-4.2979	-0.0048020	-1.2262	4.6065E-6	
26.10000	6.00000	-4.10000	-1.1774	-4.2979	-0.0030528	-0.98453	3.7171E-6	
26.10000	5.50000	-4.10000	-1.0784	-4.2979	-0.0020392	-0.80814	3.0619E-6	
26.10000	5.00000	-4.10000	-0.99172	-4.2979	-0.0011170	-0.67516	2.5647E-6	
26.10000	4.50000	-4.10000	-0.90981	-4.2979	-0.0010170	-0.57224	2.1780E-6	
26.10000	4.00000	-4.10000	-0.83744	-4.2979	-749.76E-6	-0.49085	1.8711E-6	
26.10000	3.50000	-4.10000	-0.77163	-4.2979	-565.42E-6	-0.42532	1.6232E-6	
26.10000	3.00000	-4.10000	-0.71161	-4.2979	-434.75E-6	-0.37173	1.4200E-6	
26.10000	2.50000	-4.10000	-0.65672	-4.2979	-339.92E-6	-0.32733	1.2514E-6	
26.10000	2.00000	-4.10000	-0.60642	-4.2979	-269.68E-6	-0.29013	1.1099E-6	
26.10000	1.50000	-4.10000	-0.56024	-4.2979	-216.73E-6	-0.25865	0.0	
26.10000	1.00000	-4.10000	-0.51778	-4.2979	-176.16E-6	-0.23177	0.0	
26.10000	0.50000	-4.10000	-0.47870	-4.2979	-144.64E-6	-0.20864	0.0	
26.10000	0.00000	-4.10000	-0.44269	-4.2979	-119.85E-6	-0.18860	0.0	
C-CC	15.54000	11.00000	-4.10000	-6.0936	-4.2979	-46.522	-96.082	-704.20E-6
	15.54000	10.50000	-4.10000	-5.8076	-4.2979	-52.307	-101.50	-816.88E-6
	15.54000	10.00000	-4.10000	-5.4680	-4.2979	-58.091	-106.96	-930.56E-6
	15.54000	9.50000	-4.10000	-4.1104	-4.2979	-2.3001	-22.656	34.067E-6
	15.54000	9.00000	-4.10000	-3.5346	-4.2979	-0.33656	-10.594	32.989E-6
	15.54000	8.50000	-4.10000	-3.1016	-4.2979	-0.099115	-6.4077	22.363E-6
	15.54000	8.00000	-4.10000	-2.7509	-4.2979	-0.		



CARD GEOTECHNICS LIMITED

63 Rosslyn Hill, Camden
Drained

Job No.	Sheet No.	Rev.
CGE/16435		
Drg. Ref.		
Made by SJM	Date	Checked

Name	X [m]	Location Y	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
						Vert Stress [kN/m ²]	Sum Princ [kN/m ²]	
	20.18000	24.53000	-1.00000	-0.69227	-1.1500	0.0	0.0	0.0
	20.18000	25.03000	-1.00000	-0.64578	-1.1500	0.0	0.0	0.0
	20.18000	25.53000	-1.00000	-0.60144	-1.1500	0.0	0.0	0.0
	20.18000	26.03000	-1.00000	-0.55941	-1.1500	0.0	0.0	0.0
	20.18000	26.53000	-1.00000	-0.51977	-1.1500	0.0	0.0	0.0
	20.18000	27.03000	-1.00000	-0.48252	-1.1500	0.0	0.0	0.0
	20.18000	27.53000	-1.00000	-0.44761	-1.1500	0.0	0.0	0.0
	20.18000	28.03000	-1.00000	-0.41499	-1.1500	0.0	0.0	0.0
	20.18000	28.53000	-1.00000	-0.38455	-1.1500	0.0	0.0	0.0
	20.18000	29.03000	-1.00000	-0.35620	-1.1500	0.0	0.0	0.0
	20.18000	29.53000	-1.00000	-0.32983	-1.1500	0.0	0.0	0.0
	20.18000	30.03000	-1.00000	-0.30532	-1.1500	0.0	0.0	0.0
	20.18000	30.53000	-1.00000	-0.28256	-1.1500	0.0	0.0	0.0
	20.18000	31.03000	-1.00000	-0.26143	-1.1500	0.0	0.0	0.0
	20.18000	31.53000	-1.00000	-0.24184	-1.1500	0.0	0.0	0.0
	20.18000	32.03000	-1.00000	-0.22368	-1.1500	0.0	0.0	0.0
	20.18000	32.53000	-1.00000	-0.20684	-1.1500	0.0	0.0	0.0
	20.18000	33.03000	-1.00000	-0.19124	-1.1500	0.0	0.0	0.0
	20.18000	33.53000	-1.00000	-0.17678	-1.1500	0.0	0.0	0.0
	20.18000	34.03000	-1.00000	-0.16340	-1.1500	0.0	0.0	0.0
	20.18000	34.53000	-1.00000	-0.15100	-1.1500	0.0	0.0	0.0
	20.18000	35.03000	-1.00000	-0.13951	-1.1500	0.0	0.0	0.0
	20.18000	35.53000	-1.00000	-0.12888	-1.1500	0.0	0.0	0.0
Chk - LW1	28.26000	19.06000	-1.00000	-0.81344	-1.1500	0.0	0.0	0.0
	28.26000	18.53800	-1.00000	-0.85827	-1.1500	0.0	0.0	0.0
	28.26000	18.01600	-1.00000	-1.5230	-1.1500	0.0	0.0	0.0
	28.26000	17.49400	-1.00000	-2.2672	-1.1500	0.0	0.0	0.0
	28.26000	16.97200	-1.00000	-2.3023	-1.1500	0.0	0.0	0.0
	28.26000	16.45000	-1.00000	-1.7689	-1.1500	0.0	0.0	0.0
Chk - door	25.94000	16.80000	-1.00000	0.074575	-1.1500	0.0	0.0	0.0
	25.94000	16.18800	-1.00000	2.5991	-1.1500	0.0	0.0	0.0
	25.94000	15.57600	-1.00000	3.1384	-1.1500	0.0	0.0	0.0
	25.94000	14.96400	-1.00000	3.1177	-1.1500	0.0	0.0	0.0
	25.94000	14.35200	-1.00000	2.5585	-1.1500	0.0	0.0	0.0
	25.94000	13.74000	-1.00000	0.34461	-1.1500	0.0	0.0	0.0
Chk - LW2	28.26000	13.77000	-1.00000	-0.26430	-1.1500	0.0	0.0	0.0
	28.26000	13.17800	-1.00000	0.12155	-1.1500	0.0	0.0	0.0
	28.26000	12.58600	-1.00000	0.018222	-1.1500	0.0	0.0	0.0
	28.26000	11.99400	-1.00000	-0.77699	-1.1500	0.0	0.0	0.0
	28.26000	11.40200	-1.00000	-2.6698	-1.1500	0.0	0.0	0.0
	28.26000	10.81000	-1.00000	-2.4070	-1.1500	0.0	0.0	0.0
Chk - boundary	10.00000	10.35000	-4.10000	-3.7001	-4.2979	-33.827	-62.228	-541.41E-6
	11.02438	10.35250	-4.10000	-4.8360	-4.2979	-61.342	-108.35	-999.10E-6
	12.04875	10.35500	-4.10000	-5.1645	-4.2979	-49.590	-96.123	-774.88E-6
	13.07313	10.35750	-4.10000	-5.7673	-4.2979	-66.556	-122.06	-0.0010667
	14.09750	10.36000	-4.10000	-5.9785	-4.2979	-67.078	-125.05	-0.0010673
	15.12188	10.36250	-4.10000	-5.9194	-4.2979	-66.395	-119.96	-0.0010711
	16.14625	10.36500	-4.10000	-5.4263	-4.2979	-36.259	-76.224	-543.72E-6
	17.17063	10.36750	-4.10000	-5.9885	-4.2979	-65.948	-119.20	-0.0010637
	18.19500	10.37000	-4.10000	-6.1810	-4.2979	-66.880	-125.76	-0.0010599
	19.21937	10.37250	-4.10000	-6.2124	-4.2979	-67.004	-127.07	-0.0010578
	20.24375	10.37500	-4.10000	-6.1518	-4.2979	-67.058	-127.41	-0.0010577
	21.26813	10.37750	-4.10000	-6.0095	-4.2979	-66.645	-126.48	-0.0010518
	22.29250	10.38000	-4.10000	-5.8096	-4.2979	-66.722	-126.45	-0.0010536
	23.31688	10.38250	-4.10000	-5.5329	-4.2979	-66.807	-126.27	-0.0010563
	24.34125	10.38500	-4.10000	-5.1609	-4.2979	-66.878	-125.56	-0.0010607
	25.36563	10.38750	-4.10000	-4.6593	-4.2979	-66.921	-123.36	-0.0010701
	26.39000	10.39000	-4.10000	-3.5746	-4.2979	-37.897	-79.385	-569.36E-6