

DESIGNERS RISK ASSESSMENT Scheme Title: 5753 - Proposed Drive Thru, Worthing Road, Rustington

Issue Ref.: 1

Activity Reference	Activity element	Population at Risk	Residual Risk Classification		Designer's Comment	Residual Risk/ Required Action
			Risk Impact	Risk Probability		
1.	Earthworks - Excavations, Trenching & drainage	Construction Operatives & General Public	Major	Low	Deep trenches or changes in level that increase the risk of falls. Deep manholes proposed to be constructed and existing deep manholes to be connected to.	Trench support and trench de-watering to be employed where appropriate. Drainage designed to be as shallow as possible to tie to existing drainage. Excavations to be backfilled as soon as possible, where any excavations left open should be suitably signed and guarded.
2.	Unknown underground structures or infrastructure	Construction Operatives	Major	Medium	It is the nature of groundworks that unknown structures, substances or infrastructure could be found during excavations.	The contractor should be provided with any historical information in relation to the site from the client. Should any structure or infrastructure apparatus be found, the CDM coordinator and design team should be informed immediately, such that the team can propose a suitable method to deal with the issue
3.	Working in vicinity of new or existing Infrastructure/Utilities	Construction Operatives & Site Visitors	Major	Medium	The construction works requires work in the vicinity of existing and proposed infrastructure	A full set of utility records should be provided to the contractor and designer prior to any works commencing on site. Contractor to liaise with client, and carry out hand dug trial pits to determine exact position of apparatus within extents of existing footpaths where foul drain is to be constructed. Contractor to refer to HSE note 47 "Avoiding danger from underground services" and document G56 "Avoiding danger from overhead electric lines" The Contractor should provide detailed method statements relating to locating and working around overhead and buried services

4.	Access & Existing highway maintenance	Construction Operatives	Major	Low	Current access to the site is good. The access will be maintained during the works.	Traffic Management measures to protect the public and site operatives will be provided as necessary. Highways in the vicinity of the work must be kept free from mud, debris and dust falling from vehicles or the wheels of vehicles connected with the works. Where the deposits of debris and mud are unavoidable, warning signs must be exhibited whilst work is in progress and affected carriageways/footways must be regularly cleaned.
5.	Soils Investigation and existing Soil Characteristics	Construction Operatives	Noticeable	Low	Soil investigation reports have been provided for the development site, which includes testing for contaminants.	The recommendations contained within the site report should be adhered to.
7.	Signage and Lighting	Construction Operatives & General Public	Noticeable	Low	Temporary works signage to be used to inform operatives and pedestrians/local workers	Contractor to agree a suitable temporary works signage arrangement with client Cherry Picker's should be used for working at height, ladders should be avoided where possible.
8.	Infrastructure Design	Construction Operatives	Major	Low	Infrastructure to be designed in accordance with Water and Highway Authority Guidance.	Contractor to prepare safe working practice and method statement for the construction of the design. Relevant PPE to be provided.
9.	Connection to Live Sewers and manhole access	Construction Operatives	Medium	Low	Risk of contact with rat urine, i.e Leptospirosis. Risk of noxious gases.	Contractor to provide method statement for connection to live sewers and P.P.E. / welfare facilities provided for site operatives. For connections to existing drainage runs and manhole access, only appropriately trained and vetted operatives should be employed. i.e confined space trained etc

Notes: 1. Risk Impact – either:

- little or negligible impact
- minor or low impact
- noticeable impact
- major, high, serious impact

2.

Risk Probability – either:

- very low probability
- low probability
- medium probability
- high probability

Sent to Client Date: 07-07-2017

Authorised for issue: AD