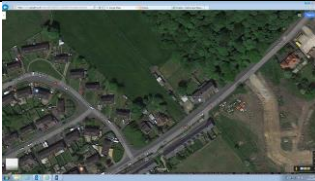
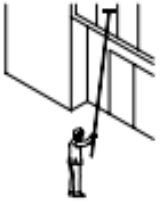


Designer Options Matrix : Hazard Identification and Significant Risk Management – Rev 1									ALL SIGNIFICANT RISKS		
Project: Helme Lane, Meltham			Work Stage: 4			Date: 12 November 2018					
HAZARDS and SIGNIFICANT RISKS:	BUILDING FORM, MATERIAL, ACTIVITY, LOCATION	ELIMINATE or AVOID risks by: (During early design stages)	REDUCE or MINIMIZE risks by (During all design stages) Safe Systems of Work & Protection>			INFORMATION: To be provided with the design e.g. Specialist Design & client input	CONTROL METHODS: Contractor or client management systems	OTHER SPECIALIST GUIDANCE AND COMMENTS: e.g. References ACTION DATES			
CONSTRUCTION											
Adjacencies		X	X			X	PC to communicate with local residents and Care Home. PC to restrict unauthorised access onto site	HSE Publication HSG151 Protecting the public http://www.hse.gov.uk/pubns/priced/hsg151.pdf			
Buried Services		X	Existing gas main identified on site.	Buried services identified in public highway.			PC to operate a permit to work system.	HSE Publication HSG47 Avoiding danger from underground services http://www.hse.gov.uk/pubns/priced/hsg47.pdf			
Excavations		X	X			Site ground investigation reports to advise on any temporary works required	PC to operate a temporary works process to BS5975. PC to operate a Permit to dig system	HSE Publication CIS 64 Excavation http://www.hse.gov.uk/pubns/cis64.pdf			
Manual Handling		X	Concrete blocks and stone to be sized.			Designer Risk Assessments for lintels and structural floor materials.	PC to develop RAMS and use mechanical aids.	HSE Publications: Manual Handling, Lifting and Handling Aids, Vehicles on Construction Sites, Lifting Equipment http://www.hse.gov.uk/pubns/indg143.pdf http://www.hse.gov.uk/pubns/indg398.pdf http://www.hse.gov.uk/pubns/priced/hsg144.pdf http://www.hse.gov.uk/pubns/indg422.pdf			
Working at Height		X	X			Site drawings including elevations.	PC to operate a temporary works procedure to BS5975 and determine if scaffold design is necessary.	HSE Publications: Working at Height, Safe Use of Ladders and Stepladders, providing and using work equipment safely, working on roofs. http://www.hse.gov.uk/pubns/indg401.pdf http://www.hse.gov.uk/pubns/indg455.pdf http://www.hse.gov.uk/pubns/indg291.pdf http://www.hse.gov.uk/pubns/indg284.pdf http://www.hse.gov.uk/construction/safetytopics/scaffoldinginfo.htm			

Vehicles on site		X	Site design suitable for waste vehicle access ultimately.	Planners request temporary access road to be constructed prior to commence on site		X	PC to develop traffic management plan.	HSE Publication HSG 136 A guide to workplace transport safety http://www.hse.gov.uk/pubns/priced/hsg136.pdf
USE								
Working at Height		X	Loft ladders and boarding can be fitted on instruction by the client.				End users are advised to install a suitable bespoke loft ladder and floor boarding if access is required to the roof space	HSE Publication INDG 455 Safe Use of ladders and stepladders http://www.hse.gov.uk/pubns/indg455.pdf
MAINTENANCE								
Working at Height		X	Dry ridge roof system is installed to reduce need to repoint and work at height.			PC to provide details of dry ridge system	End user to employ suitably skilled contractor to replace/repair any element of roof construction.	HSE Publication Need Building Work Done? http://www.hse.gov.uk/pubns/indg411.pdf
Working at Height		X	Access around the building will be suitable to allow window cleaning via long pole.	 Long poles			End user to employ suitably skilled contractor to clean first floor windows.	Website Federation of Window Cleaners: http://www.f-w-c.co.uk/ HSE Publication Need Building Work Done? http://www.hse.gov.uk/pubns/indg411.pdf
Working at Height		X	Windows to be internally beaded to avoid working at height externally to the building			PC to provide details of glass specification to allow replacement when required.	End user to employ suitably skilled contractor to replace/repair any element of glass.	Glass and Glazing Federation http://www.ggf.org.uk/homeowners HSE Publication Need Building Work Done? http://www.hse.gov.uk/pubns/indg411.pdf



management limited

DESIGN OPTIONS MATRIX

Working at Height		X	UPVC soffit and fascias to be fitted to reduce maintenance			PC to provide details of soffit and fascia specification to allow replacement when required.	End user to employ suitably skilled contractor to replace/repair any element of fascia construction.	HSE Publication Need Building Work Done? http://www.hse.gov.uk/pubns/indg411.pdf
Team Issue	Client	Conroy Brook (Developments) Ltd	Architect	Farrar Bamforth Associates Limited	Structural Engineer	Elluc	Services Engineer	
Others	Principal Contractor	Conroy Brook (Construction) Ltd	Principal Designer	RP&P Management Ltd	Project Manager		Cost Consultant	

Design Options Matrix 2

Client: Conroy Brook (Developments) Ltd

Project: Helme Lane, Meltham

File Path: \\Rpp-dc02\rppm\Jobs\jobs current\9657 Conroy Brook - Various Site Audits\Meltham\CPP\Appendix N Design Options Matrix\Meltham Designer Options Matrix.docx