

SITE LOCATION:		Rosal
Brief description of work:		Document Reference No:
Mechanised felling, processing and stacking of timber		731/9-007
Location: Rosal forest Coupe 1, Strathnaver As attached harvesting map		Forest Works Manager (FWM) Paul May Contractors - TBC
CONTRACTORS		TBC
<p>Mechanised harvesting of conifers Machinery – 1x Harvester on excavator base. 1 x Purpose built forwarder.</p> <ul style="list-style-type: none"> - Felling will be carried out using a purpose built harvester. - Machinery use will avoid all identified important archaeological features. - All operators to receive toolbox talk from archaeologist at pre start meeting. - Stems will be cut at ground level and processed into agreed lengths by the harvester, processing to take place away from identified archaeological features. - Lop and top will be used to create a brash mat for machines to travel on, brash mats to be kept away from identified features. - Produce will be extracted to agreed points and stacked for subsequent uplift. - Extraction routes to be identified on site and agreed with FWM and client, with guidance sought from consultant archaeologist. - The harvester will reach into hut circles to fell any trees. - Extraction routes will be brash covered and kept to a minimum. - There will be no ground disturbance resulting from timber operations within the scheduled area. - All cut timber and harvesting debris will be removed from within 10m of all identified features. 		
Actions	Details	Controls
Sequence of work and how operations are controlled	<p>Following Site Inductions, machinery will be taken to agreed maintenance areas for site set-up. This will take approximately 0.5 days.</p> <p>Inspect all machinery, plant and PPE prior to arrival on site for compliance with relevant law, code of practice, contract requirements and FISA guides</p> <p>Felling Pre – Commencement</p>	<p>Agreement with Main Contractor Site Safety Co-ordinator. All work carried out in accordance with manufacturer's instructions and FISA guidance. Trained & Competent operators.</p> <p>Tilhill Maintenance logs completed daily / weekly. All machinery & lifting equipment test certificates provided to FWM. Tilhill to provide operators competency certificates and relevant safety documentation.</p> <p>FWM to hold operational pre-commencement meetings operators to confirm understanding on site standards, health & safety and production requirements. FWM to</p>

	Commence Felling	issue SSR, RA, Instruction Order and cutting specification to contractors. Machinery to commence work following PCM.
	Ongoing health & safety, environmental and production control.	FWM to monitor progress on site and provide weekly report to client rep. FWM to hold monthly review meetings with client rep to highlight any issues, developments as the site is worked.
	Equipment	Training – NPTC FMOG
Plant and equipment to be used and operator training requirements (List major items of equipment: identifying statutory examinations of equipment. Training required by operatives)	<ul style="list-style-type: none"> • Purpose built Harvester • Forwarder 	<ul style="list-style-type: none"> • 1.4, 2.1 & 2.2 • 1.5 & 3.1
PPE (Details of specific equipment)	When outside cab: <ul style="list-style-type: none"> • A safety helmet, complying with EN 397. Date of issue and inspection to be clearly visible. ICE info to be attached. • Hearing protection (complying with EN 352) where the noise level exceeds 85 dB(A). • Gloves • Safety Glasses • Safety boots with steel toe, good grip and ankle support (complying with EN 345-1). • Non-snag outer clothing appropriate to the prevailing weather conditions. • High-visibility clothing (complying with EN 471) 	Required by all Tilhill staff, contractors and third parties invited onto site.
Occupational Health Assessments (Noise, HAVs, COSHH storage of materials)	Machine Refuelling & Maintenance.	FWM to brief contractors on Toolbox talks for Storing and Handling fuel, Noise and Machine Maintenance.
Safety of third	Active Civil Engineering Site Plant and equipment using site	Site Induction and Site Safety Rules. Works carried out under CDM

parties and third party activities (Identify works which may present a risk to third parties and detail control measures; identify other parties whose operations may affect the worksite)	access roads at all time.	regulations.
Actions	Details	Controls
Environmental Controls (Control of harmful emissions, eg noise, dust; disposal of waste)	Pollution Incidents Waste	<ul style="list-style-type: none"> • Each Machine to carry pollution control kit. • Notify Site safety co-ordinator immediately in the event of an incident or near miss. • All litter, operational waste will be removed from site daily and disposed of appropriately.
First aid requirements and welfare arrangements (Identify additional first aid requirements e.g. eye wash)	Minor Injuries	<ul style="list-style-type: none"> • All operators trained in first aid. • Site Welfare unit available for treatment of minor injuries. • Each machine equipped with first aid kit.
Emergency procedures (Any additional emergency procedures)	Major Injury Pollution Incident	<ul style="list-style-type: none"> • Emergency plan in place on site for major injury.