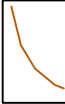
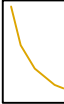

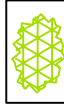


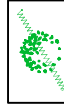
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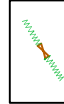
PROPOSED MAJOR CONTOURS


PROPOSED MINOR CONTOURS


EXISTING TREE PLANTING AND WOODLAND

EXISTING HEDGES AND SCRUB

PROPOSED NEW HEDGEROW WITH HEDGEROW TREES

PROPOSED NEW 5m GATEWAY

PROPOSED NEW WOODLAND PLANTING

PROPOSED BIODIVERSITY GAIN AREA

NOTE: EASTERN EDGE OF NEW WOODLAND PLANTING ALONG EASTERN SIDE OF EXTENSION AREA TO BE ALIGNED TO GIVE APPROPRIATE CLEARANCE BETWEEN TREES AND EXISTING POWER LINE THAT FOLLOWS HEDGELINE

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Revision
Rev B 23/03/2011 Indicative southern ecological area added
Rev A 09/12/2010 Amendments as requested by MPA and client

**DAVID JARVIS ASSOCIATES**  
planning development landscape environment

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Client  
**MULTI-AGG LTD.**

Project  
**SHELLINGFORD QUARRY -  
PROPOSED EXTENSION**

Drawing Title  
**PROPOSED RESTORATION  
SCHEME - EXTENSION AREA**

Scale  
**1:2500 at A2**

Date  
**OCTOBER 2010**

Drawing No.  
**1971/002B**

Hedging Species	Latin Name	English Name	Size	Protection	% of Mix
<i>Callunaga montana</i>	Heathloom	4000cm bare root	60cm clear plastic spiral	50%	
<i>Prunus spinosa</i>	Blackthorn	4000cm bare root	60cm clear plastic spiral	20%	
<i>Viburnum lantana</i>	Wayfaring tree	4000cm bare root	60cm clear plastic spiral	10%	
<i>Cornus sanguinea</i>	Common dogwood	4000cm bare root	60cm clear plastic spiral	10%	
<i>Eurogynus europaeus</i>	Spindle	4000cm bare root	60cm clear plastic spiral	10%	

Hedgerow Trees	Latin Name	English Name	Size	Protection	% of Mix
<i>Quercus robur</i>	English oak	6000cm bare root	1.2m timber tree shelter +	60%	
<i>Fraxinus excelsior</i>	Common ash	6000cm bare root	1.2m timber tree shelter +	40%	

Hedgerow trees to be planted in centre of hedgerow at 30m c/s (except alongside the A417 where the trees will be at 15m c/s), with change of species every 2.5 trees and 500mm clear space with no hedge plants around each tree. Trees to be fit planted, ensuring that all sticks are below the surface of the ground and the bottom edge of the shelter as it is fitted, and pushed into the ground to prevent access by voles and other small mammals. Stakes to be supported by 25mm x 25mm x 1.35m hardwood stakes, driven 30cm into the ground and secured using plastic ratchet ties. Programmable to be used to control weed growth around new hedgerow trees for two years after planting, applied according to manufacturer's guidelines.

Woodland Planting					
Latin Name	English Name	Size	Protection	% of Mix	
<i>Acer campestre</i>	Field maple	6000cm bare root whip	1.2m timber tree shelter + handwood stake	10%	
<i>Calluna heptaphylla</i>	Heathloom	4000cm bare root	1.2m timber tree shelter + handwood stake	10%	
<i>Fraxinus excelsior</i>	Common ash	6000cm bare root whip	1.2m timber tree shelter + handwood stake	20%	
<i>Quercus petraea</i>	Spotted oak	6000cm bare root	1.2m timber tree shelter + handwood stake	10%	
<i>Quercus robur</i>	English oak	4000cm bare root whip	60cm clear plastic spiral guard + 75cm cane	5%	
<i>Cornus sanguinea</i>	Common dogwood	4000cm bare root	60cm clear plastic spiral guard + 75cm cane	5%	
<i>Corylus avellana</i>	Hazel	4000cm bare root	60cm clear plastic spiral guard + 75cm cane	5%	
<i>Eurogynus europaeus</i>	Spindle	4000cm bare root	60cm timber tree shelter + handwood stake	5%	
<i>Ilex aquifolium</i>	Holly	4000cm bare root	60cm timber tree shelter + handwood stake	5%	

Latin Name	English Name	Size	Protection	% of Mix
<i>Viburnum lantana</i>	Wayfaring tree	4000cm bare root	60cm clear plastic spiral	5%
<i>Viburnum opulus</i>	Guelder rose	4000cm bare root	60cm clear plastic spiral	5%

Trees and shrubs to be planted at 3m c/s in a random pattern. In some species groups of 5-6 plants. Prior to planting, existing vegetation in 1m diameter circle around each planting position to be sprayed of using glyphosate, applied according to manufacturer's guidelines. Trees and shrubs to be planted, ensuring that all roots are below the surface before backfilling and firming in. Tree shelters to be carefully placed over trees, ensuring that the bottom edge of the shelter as it is fitted, and pushed into the ground to prevent access by voles and other small mammals. Tree and shrubshelters to be supported by 25mm x 25mm hardwood stakes (1.35m long for tree shelters), 40mm long 600mm shrubshelters, driven 30cm into the ground and secured using plastic ratchet ties. Programmable to be used to control weed growth around new hedgerow trees for two years after planting, applied according to manufacturer's guidelines.