PROPOSED

NEW TEE (HOLES 1, 2, 4 & 9)

LANDSCAPE PLANTING PLANS 401-404

PROPOSED ENDEMIC PLANTINGS ON THE GOLF COURSE AND ALONG THE PROPOSED ACCESS ROAD: Vote: Shrub and groundcover planting numbers noted on plan are indicative only based on an estimated mix of M: Medium shrubs 335; L: Low shrubs 575 : and / or G: Groundcover 1,428 as applicable to suit each situation and subject to later detailed species selection and

Note: Strub and groundcover planting numbers noted on plan are indicative only based on an estimated mix of Mr. Medium strubs 355; L: Low strubs 375; and / or 6: Groundcover 1,428 as applicable to suit each stituation and subject to later detailed species selection and endemic plant stock availability. Use plant sock where effective to do so. TOTAL AS SHOWN: 2,338 NO, SHRIBS & GROUNDCOVERS, PLUS 106 NO. TREES = 2,444 TUBE STOCK PLUS 3,570 NO. SNOWGRASS CELLS TOTAL 6,014 NO. PLANTINGS.

Botanic Name	Common Name	Many species adaptable	ble to either site conditions
		 Prefer drier and/or sunnier sites 	Prefer moister; swale; heavy shade and/or wet heath sites
TREES			
Eucalyptus stellulata	Black Sallee		•
Eucalyptus pauciflora ssp. niphophila	Snow Gum		
M: MEDIUM SHRUBS /	'HEATH: Generally	– 1.5m ht. Plant at	av.1 per 2m2
Bossiaea foliosa	Leafy Bossiaea		
Callistemon sieberi	River Bottlebrush		•
Grevillea victoriae	Royal Grevillea		
Hakea macrocarpa	Small fruited Hakea		•
Leptospermum lanigerum	Woolly Tea Tree		•
Oxylobium alpestre	Alpine Oxylobium		•
Oxylobium ellipticum	Common Shaggy Pea	•	
Prostanthera cuneata	Alpine Mint Bush	•	▼shade
Tasmannia xerophylla	Alpine Pepper		
L: LOW SHRUBS / HE	HEATH: Generally 0.5	– 1.0m ht Plant at	av.1 per m2
Grevillea australis	Alpine Spider Flower		▼shade
Olearia phlogopappa	Dusty Daisy Bush	•	
Phebalium squamulosum	Forest Phebalium	•	
G: GROUNDCOVERS /	FORBS / GRASSES:	Generally <0.7m ht.	Plant at av.3 per m2
0	er M2)		
Most sun and shade	adaptable		
Craspedia sp.	Billy Buttons		
Dianella tasmanica	Mauve Flax Lily		▼shade
Empodisma minus	Spreading Rope Rush		•
Helichrysum scorpioides	Button Everlasting		
Hovea montana	Alpine Hovea		
Kunzea muelleri	Yellow Kunzea		
Oleria algida	Alpine Daisy bush	•	
Poa sieberiana	Fine-leaved Tussock Grass		

NEW GRASSED SWALE / FLOW DIRECTION

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NEW TREE PLANTING (ENDEMIC EUCALYPTUS) REFER SHEETS 401-404

TREE REMOVAL (GOLF COURSE WORKS)

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SELECTIVE EXAMPLES OF EXISTING TREES NEAR GOLF COURSE WORKS TO BE RETAINED

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EMERGENCY SERVICE VEHICLE ACCESS TO CRACKENBACK DRIVE

ROCK BARRIERS TO CONTAIN VEHICLES TO DEFINED ROADWAYS

武举

BATTER

MOUNDING

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WALKING TRACK / HOLE CONNECTION PATH: PROVIDE SEALED OR STABILISED PATH CONSISTENT WITH ADJOINING SIMILAR PATHS. PREFERED MIN 1.5M WIDTH. BENCH TO SUIT. USE SITE WON ROCK IF NEEDED TO ASSIST. DESIRED 2% CROSS FALL 4% MAX. GRADIENT 1 IN 6 MAX PREFERRED.

NEW FLATTER TEE ZONE FOR TEMPORARY

NEW PRACTICE PUTTING GREEN (NEAR COMMUNITY CENTRE)

NEW BUNKER (HOLE 9)

NEW GREEN (HOLES 1, 2, 4 & 9)

SNOWGRASS : Poa (incl. P nelmsii, P.hiemata & P.

Snow Grass

focarpus lawrencei

Mountain

Plum Pine

▼shade

cettiae

- NOTES: PLANTING:
 Plant material to be endemic stock from approved suppliers, generally 'native tubes' or snow grass cells with Plant species as per schedule / availability. Use of snowgrass sods supported where available.
 Road edges and hanks to be revegetated with open mixed shrub / groundcover groups, plus trees as nominated with snow grass sods or cells zones for variety and limited access function. In higher use traverse areas use 100% fescue grassing or as per typical detail.
 Trees to be planted in mixed groups of 3-5 of each species or as nominated on plan.
 Shrubs and groundcovers to be planted in mixed groups of 3-9 of shrubs or 7-15 of groundcovers of each species or a nominated on plan.
 Stomm height approved Tree guards to protect tubestock tree and shrub plantings from rabbits and deer.

- PLANTING PROCEDURE: a. Site and operation of project genera topsoil for reuse i rocks as barriers, from the specific te and operations management throughout the Works to maximise reuse f project generated natural resources when clearing or excavating eg site posal for reuse is critical; timber chips & brush chippings as mulch; site ocks as barriers, batter stabilisation & landscape natural features. Supply om the specific project if possible or Thredbo stockpiles for the balance if vallable.
- b. For planter beds prepare subgrade; ensure 250mm depth Thredb topsoll from either instru or project stripped topsoll reused (or combination) as necessary to provide the growing medium; place seeded / mulched revegetation if applicable; and supply & place sued where with rolls down the slope (minimum 300mm overlap) and secured by non-galvanised pegs to Manufacturer's directions. Jute mesh may be permitted across the slope if more efficient te along the contour as long as the upper roll's placed over the lower roll (minimum 300mm overlap) so that any runoff or material vash dues not undermine the jute and id wash outs. *JolyTabrics Technol Coli-9 is a quality biodegradable 100% coconut fibre jute marting with on near 3 5 year before degradable 100% coconut fibre jute marting with posts per guard to form the frame and the cable the placed over in the jute at nominated density with a rigid black plastic Three guard for vermin portection to be provided for each tree, shrub and groundcover. Note two posts per guard to form the frame and the cable the place 10 on Plan 501.
 d. Shrubs and groundcovers to each specific Detail 1 and 2 on Plan 501.
 e. Show grass cells to be planted via small openings cut in the Jute at and on matural 'layuit in mixed groups of 3-9 of shrubs or 7-15 of groundcovers of each species or samoninated on plan.
 e. Show grass cells to be planted via small openings cut into the Jute at approx. 330mm centres (offset alternate or staggered row layout forms a loose' diamond pattern not a square grid so a lass rigid more 'natural' pattern' duest the provided.* 0

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- GRASSING PROCEDURE: a) For grassing areas prepare subgrade to 200mm depth; ensure minimum 100mm depth Thredbo topsoil from insitu or project stripped topsoil reused as necessary to provide the growing medium b) Grassing areas rehabilitation or new grassing to be 100% Fescue seed mix (or turfing in select key areas if available and warranted). Protect and aid grass growth by weed free bitumen straw mulching as per Specification. Fesure grassing achieves a dense even sward to approval.

- PLANTING and/or GRASSING NOTE SEASONAL VARIANTS plus comply with all other relevant specifications
 AUTUMN RECURRENTS:

 A) No fertiliser or wetting agents recommended for planting going into freezing winter months. Water plants well (unless good rain ie 5mm+ in the prior week) including apply eco-wet' on a weekly basis for 3 months
 b) Allow for three (3) months maintenance of the Works the following for or three (3) months maintenance of the Works the following spor or or unsuccessful grass seeding to gas necessary, repairing goot planting spot planting and guards; weeding as necessary, repairing spot planting tree wells; and all other general maintenance as required until Handover.

SPRING REQUIREMENTS: a) If grass seeding h achieved a dense

- ass seeding has been carried out the previous Autumn and has not level a dense even sward then repair as required in accordance with the
- t aclineveu a vense verv server second planting for Snow grass cells planting.
 ng b) No fertiliser or wetting agents recommended for Snow grass cells planting.
 c) Trees, shrubs and groundcovers when planting require
 o one (1) cup of prehydrated 'Alcosob' carefully mixed to Manufacturer's directions then placed throughout the base of each planting hole. (Note: If the wetting agent flakes are spread without prehydration amongst the backfill then once later water is applied they can expand 300x or more in volume and pop the new plant out of the ground. This would require replanting. Also ensure in mixing no spillage of dry product onto the ground or near water courses.
 one slow relase cassule per plant suitable for Australian native plants ego or phoroal.
 d) Allow for minimum three (3) months maintenance of the Works following spiring. Summer or Autumn as applicable such as repeating damaged areas; replacing and fain a dense even grass ward; adjusting staking and guards; weeding to gain a dense even grass ward; adjusting the wells;

PROPOSED as applicable plans 301 to 304 and 401 to 404

EXISTING TREES TO BE REMOVED: Refer Plans 301 to 304

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UNDERSTOREY LOWER VERSUS HIGHER MANAGEMENT REGIME DELINEATION: Refer Plans 301 to 304 and 401 to 404 Befer Plans 301 to 304 and 401 to 404 Delineation line between retained woodand canopy and heath with minimal vegetation management and the active golf course play zone with stashing of the ground layer (or mowing in management and the active golf course play zone with stashing of the ground layer (or mowing in the premium turf zones); removal of tree canopies and regrowth (unless a mature of growth snow gum (trunks greater than 30 cms dbh (danneter at breast height) nominated for removal but individually assessed onsite with the approval agencies to determine if full retention; partial but individual courses of a lower determine in turk retention; partial / gum (trunks greater than 30 cn ndividually assessed onsite with the pruning; or a layout modifica

LOW HEATH & GRASSES RETENTION IN TREE REMOVAL ZONES: Proposed thee removals adjoining golf play zones often proposed to open up fair shot lines that have been impeded by encroaching tree crowns as trees mature. The understorey though can

often be retained especially <1m mature height low shrub spo plants that retain a natural setting but are generally intended to feven it a desired sholl line is over the top of the leath). It are or if found a possible challenging recovery shot may be requir

Alternatively in some instances it is recommended that the ground layer for fairer golf play is focussed on managing (and transforming it necessary) into a more playable slashable grasses cover that offers some shormaking chances. Some tury grasses can be tretained and select alphe dryland grass mix sowing for cover infill if needed. This will be golf 'rough' not a fairway quality surface.

ensuring minimal exposed fresh or quarited faces to Superintendent Natural character is an Important oriteria in placement which shall be satisfaction of the Superintendent. All rocks to be firmly bedded and A range of rock sizes to be used in each area, except where a specifi function such as retaining a pathway or batter necessitates certain dimensions as the most practicable. Rocks generally are not to be r in except where a vertical ornear vertical) walls increasary. In this the mortar is to be narrow with deep rakes to minimise its impact ROCK BARRIERS to contain vehicles to defined roads: refer Detail Plan 501 Placement of bush rock from on-steworks areas or Thredbo tip stockples ensuring minimal exposed fresh or quaried faces to Superintendent approval. Natural character is an important criteria th placement which shall be to the satisfaction of the Superintendent. All rocks to be firmly bedded and stable. A range of rock sizes to be used in each area, except where a specific function such as relatining a patiway or batter necessitates certain function such as relatining a patiway or batter necessitates certain function such as relatining a patiway or batter necessitates certain function such as relatining a patiway or batter necessitates certain function such as relatining a patiway or batter necessitates certain functions and as a relatining a patiway or batter necessitates certain functions and as a relatining a patiway or batter necessitates certain functions and as a relatining a patiway or batter necessitates certain functions and as relatining a patiway or batter necessitates certain functions and as relatining a patiway or batter necessitates certain functions and as relatining a patiway or batter necessitates certain functions and as relatining a patiway or batter necessitates certain functions and as relatining a patiway or batter functions for a functions for a functions are an event functions and functions for a functions for a functions are relating a patient for a functions for a functions for a functions are relating a patient for a functions for a functions for a functions are relating a functions for . In this instance

TREE OR HEATH ZONES PROTECTION: To be defined in post DA detailed plans for approval Broad areas of lower risk; less significant regrowth areas or low heath on slopes zones with minimal access potential: Starpicket and mult - whe fancing with or without parawebbing subject to approval. Place Nightline relifectors to add any dark period D or the fenceline. Remove or completion of project. **Key mature tree trunk protection close to construction access or works**: Where significant earthworks near mature trees place reo mesh fencing at minimum 2m outside of the tree crown to minimas any potential cord disturbance. If the outer edge of aeathworks is closer to the trunk review the aarthworks extent with the Superintendent and examine if a localised steper batter / rock boulder vall or another solution would lessen tree root disturbance. In the crown Tree Protection Zone (TPZ). Mesh enclosures are to be constructed from F62 reinforcing mesh. 1800mm high, wired to 2400mm long star pickets driven into the ground 600nm, Spaced apart at a minimum distance of Im from any trunks of trees to be retained. Associated starpleket, wire and possible paraweb fencing to be at the maximum extent from the trunk that ensures least root / crown zone disturbance permissible by essential ground disturbance. Remove on completion of project.

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EROSION & SEDIMENT CONTROL ADJACENT TO SELECT EARTHWORKS AND WATERCOURSES: To be defined in post DA detailed plans for approval Priority silt fencing: Firmly secure geotextile fabric to low starpicket and wire structure (posts max. 3m centres) and securely key tating find geotextile fabric to low starpicket and wire structure (posts max. 3m centres) and securely key tating find geotextile fabric to approval. Utilise protective sitis mode concess and/or steam concelect zones wider than 6m width to approval and always where action water concess and/or steam concelect zones.

"Priority sill fencing: Firmly secure gedetadile fabric to low starpicket and wire structure (losts may an centres) and securely key fabric into ground before stone backfill to approval. Utilise protective sill fencing immediately below earthworks zones wider than 6m width to approval and always where alloin water courses and/or steep gradient zones. sediment devices.

After rain inspect, clean and repair temporary erosion control and

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- groups / t No import Cleared ve Boulders v Grass mix

THREDBO GOLF COURSE UPGRADE

LEGEND AND NOTES

DATE CHECK DRAWN

13.04.23 JRD LD

CLIENT

icket and wire structure (posts max. ackfill to approval. Utilise protective width to approval and always where

• RE

All disturbed areas to he rev

- in similar cha suit site funct

- rad edges and banks to be revegetated as nominate oups / trees and snow grass as per typical detail. 5 imported typical used / reuse site soil-from proper eared vegetation chipped for reuse. Juders won during excavation reused to support ba rass mix to disturbed areas 100% fescue

- In select higher risk of damage zones individual tree trunk batten tree trunk shall also be required at Superintendent direction.

SITE MANAGEMENT & ENVIRONMENTAL PROTECTION:

cies and ground layer be not in active play Il goes In It could be lost

IREDBO

rotection secured around the

SCALE: 1:1000@A3

acter as the existing or by on to approval. ted with open mixed shrub

osed works suitable for reuse anks and drains.

NOT FOR CONSTRUCTION

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GOLF COURSE ARCHITECT