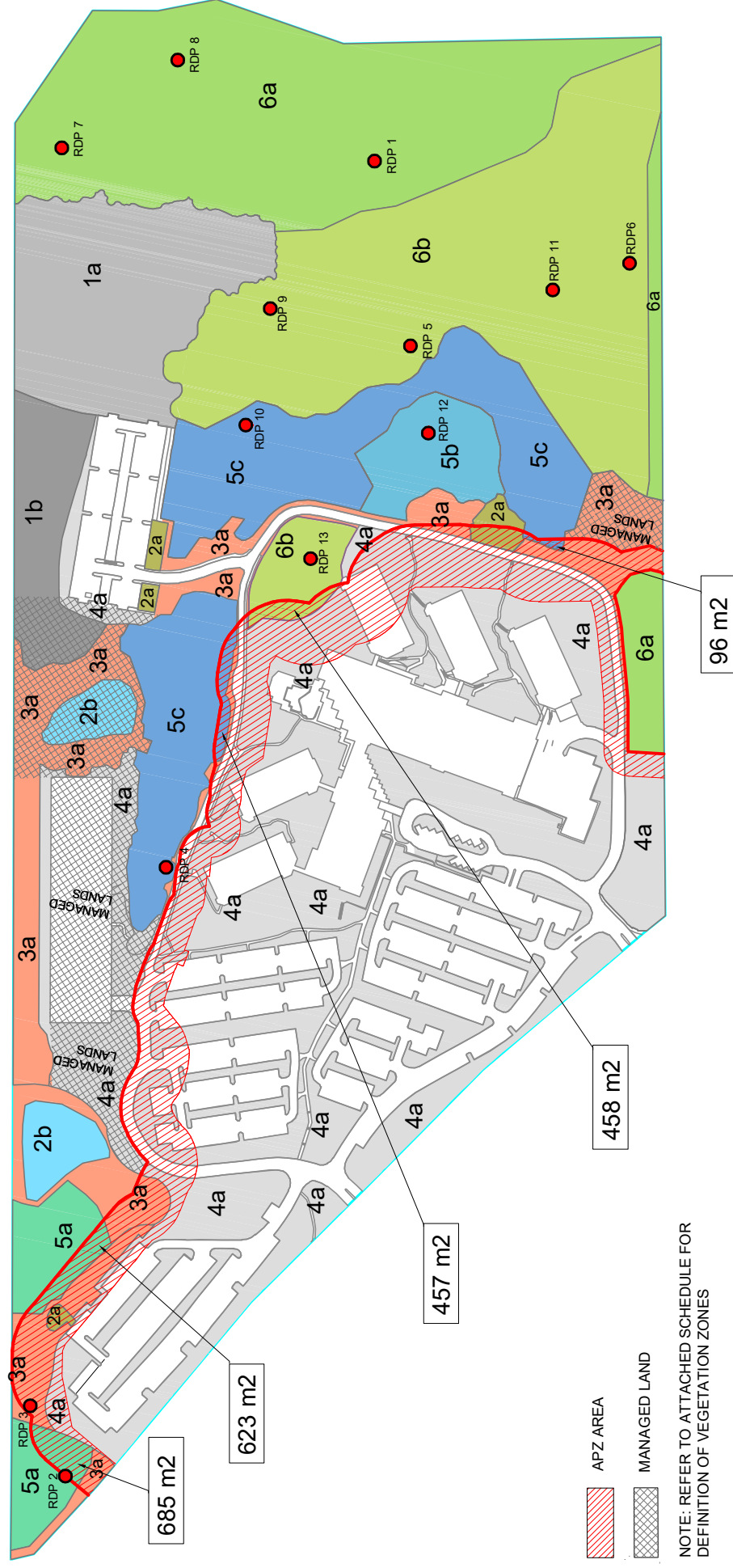
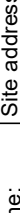




Revision: A-1	Vegetation zones	Date: 04.02.2020	Drawn by: A.M	Ph: (02) 4368 1106		Drawing name: Vegetation Table	Site address: Coonara Avenue, West Pennant Hills NSW
Revision: A-2	Vegetation Zones with APZ	Date: 20.02.2020	Approved by: E.A	M: 0418 680 566			
Revision: A-3	Vegetation Zones with APZ	Date: 11.03.2020	Date: 11.03.2020	office@keystone-ecological.com.au			
			 North not applicable	www.keystone-ecological.com.au	Drawing number: KE_002	Date: 11.03.2020	Revision
				ABN: 13 099 456 149	Not to Scale (unless otherwise stated)	Sheet number 2 of 2	A-3

Vegetation Zone Details						
Primary Identifier	Moderator	Name	Substrate	Habitat	Condition	Detail
0	a	Built Form	Not natural ground	Buildings	NA	NA
0	b	Built Form	Not natural ground	Car parks and roads	NA	NA
1	a	Cleared Land	Natural ground	Exotic grassland	Low	- Mostly exotic ground covers. - Regularly mown / slashed. - Previously part of the orchard.
1	b	Cleared Land	Natural ground	Exotic grassland with scattered planted trees	Low	- Mostly exotic ground covers. - Regularly mown / slashed. - Previously part of the orchard. - Small number of native trees planted.
2	a	Basins and Dams	Not natural ground	Aquatic - intermittent (detention basins)	Low	- Built structures that occasionally contain water. - Some exotic vegetation established.
2	b	Basins and Dams	Not natural ground	Dams	Moderate to Low	- Built structures that occasionally contain water. - Supports some aquatic vegetation (native and exotic). - Exotic vegetation includes infestation of the exotic Water Primrose.
3	a	Highly modified edges	Not natural ground	Planted and regrowth forest species	Low	- Very disturbed vegetation reflecting land use history. - Underlying ground is not natural and includes spoil, batters around roads and dams, excavated land, constructed banks near bridges, reshaped slopes to facilitate water movement, and the cleared and compacted area used for the compound during construction of IBM facility. - Overwhelmingly dominated by exotic species, particularly transformer weeds such as Lantana and Large-leaved Privet. - Includes areas not part of the formal landscape plan but probably planted out or "enriched" with Australian native plantings as part of IBM rehabilitation works. - Contains some locally-native trees and understorey plants that may have self-seeded.
4	a	Landscaped Gardens	Not natural ground	Planted mixed garden	Moderate to Low	- Locally native - provenance unknown. - Contains some locally native trees and understorey plants that may have self-seeded. - Primarily composed of trees over bare ground / leaf litter, trees over sparse shrubs, or trees over ground covers. - Weed infestations relatively rare due to regular landscape maintenance.
5	a	BGHF	Natural ground	Regrowth forest	Very low	- Highly modified post-1943 and / or post-1961 regrowth forest. - Comprises some locally-native canopy trees over dense weed infestations, especially transformer weeds Lantana and Large-leaved Privet. - Vegetation integrity scores likely to be too low to warrant offsetting. - Likely to have been impacted by past works in accordance with infrastructure easements.
5	b	BGHF	Natural ground	Regrowth forest	Moderate	- Even-aged natural regrowth forest with a simplified structure. - Cleared for orchard in 1943 and while some woody regrowth is visible in 1970, the regrowth today may be post 1980s.
5	c	BGHF	Natural ground	Remnant / Old-regrowth forest	Good	No evidence of past clearing from earliest available aerial photography (1943), however, given the early land grant history in this area, some or all is likely to have been cleared as early as the 1800s for farming.
6	a	STIF	Natural ground	Regrowth forest	Moderate	Natural canopy over a simplified understorey due to past fire management regime (southern section), or mechanical removal of understorey for bushfire hazard control (western boundary).
6	b	STIF	Natural ground	Remnant / Old-regrowth forest	Good	No evidence of past clearing from earliest available aerial photography (1943), however, given the early land grant history in this area, some or all is likely to have been cleared as early as the 1800s for farming.
Revision: A	Vegetation zone descriptions			Drawn by: A.M Date: 04.02.20 Approved by: E.A Date: 04.02.2020	Ph: (02) 4368 1106 Mt: 0418 680 566 office@keystone-ecological.com.au www.keystone-ecological.com.au ABN: 13 099 456 149	Drawing name: Vegetation Table Job number HISC 15-770 Drawing number: KE_002 Date: 04.02.2020 Site address: Coonara Avenue, West Pennant Hills NSW Revision A

FIGURE 1b: Vegetation Zone descriptions.