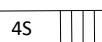
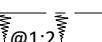


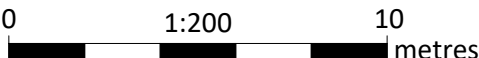


DRAINAGE LEGEND

	ADAPTABLE S104 FOUL WATER SEWER AND MANHOLE
	ADAPTABLE S104 SURFACE WATER SEWER AND MANHOLE
	ADAPTABLE S104 SURFACE WATER HEADWALL
	MANAGEMENT COMPANY SURFACE WATER SEWER AND MANHOLE (Built to adaptable standards)
	MANAGEMENT COMPANY SURFACE WATER FLOW CONTROL CHAMBER
	MANAGEMENT COMPANY SURFACE WATER HEADWALL
	MANAGEMENT COMPANY EXCEEDANCE DEPRESSION DRAINAGE CONNECTIONS
	ADAPTABLE S104 EASEMENT
	EXISTING FOUL WATER SEWER
	EXISTING RISING MAIN
	PROPOSED CULVERT
	PROPOSED DIVERTED WATERCOURSE
	EXISTING DITCH TO BE RETAINED
	EXISTING DITCH TO BE REMOVED

ENGINEERING LEGEND

	FINISHED FLOOR LEVEL (House/Dwelling)
	FINISHED GARAGE LEVEL
	PROPOSED FINISHED LEVEL
	EXISTING GROUND LEVEL TIE-IN (Exact level to be confirmed by the contractor and any discrepancies reported prior to commencement of any works)
	PART M4 ACCESS LOCATION.
	PART M4 THRESHOLD STEP
	GRADIENT
	UNDERBUILD (mm) (ub represents maximum height of underbuild beneath normal anticipated outside ground level of 150mm below DPC)
	TANKING (mm) (t represents maximum height of tanking from normal DPC level)
	RETAINING WALL (mm) (RW represents maximum height of retaining wall drawings for details. Appropriate detail based on height and loading/use)
	GRAVEL BOARD (mm) (gb represents maximum height of gravel board drawings for details. Appropriate detail based on height and loading/use)
	SLIP PROOF STEPS & LANDING (In accordance with Part M to be used Handrails to be provided where there are 3 or more steps to structural elements (Maximum 0.15m rise, and 0.28m going min))
	EARTHWORKS (1:3 slope unless stated otherwise. Max height 0.50m @ 1:3 in rear gardens. Where slopes are steeper than 1:5 a <i>Geotechnical engineer</i> may be required to conform with NHBC Part 10.2.9)

	FIRST ISSUE		13.07.26	GA	RJ
REV.	DESCRIPTION		Date	BY	CHK
DESIGN BY:					
					
CLIENT:					
					
DRAWING STATUS:					
PLANNING APPLICATION					
SCALE @ A1:					
					
PROJECT:					
HAWKE RIDGE BUSINESS PARK					
TITLE:					
DRAINAGE & ENGINEERING STRATEGY SHEET 11					
Project Ref: Originator: Stage: Phase: Number:				REV:	
20001-TUM-PL-XXX-0210				A	