

DO NOT SCALE

# 01 TYPICAL ELEVATION ON BOXED STEPS

SHT - 1:10 @ A3

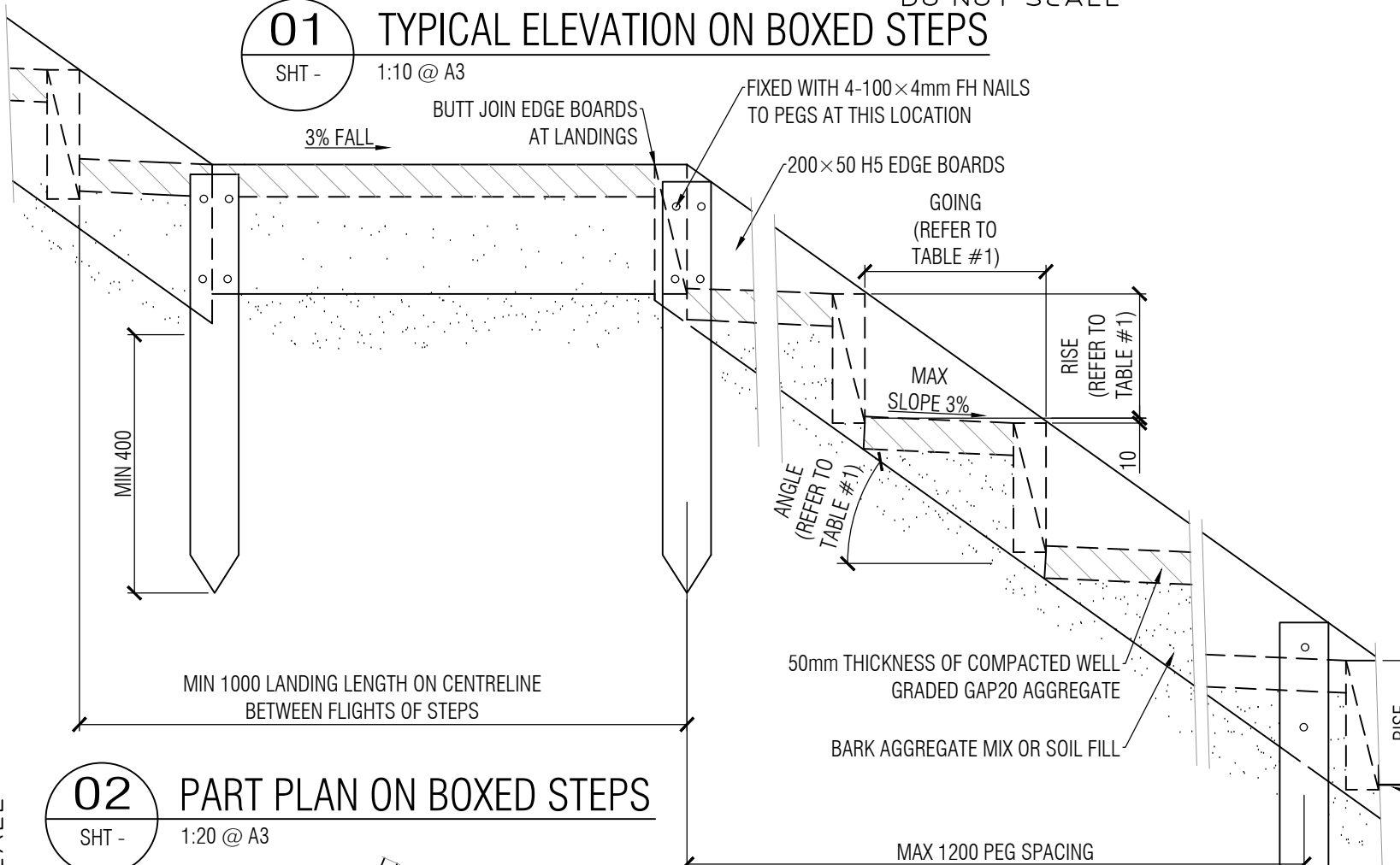


TABLE #1 - STEP GEOMETRY				
ANGLE	SST		DV / BCC / BCA	
	GOING (mm)	RISE (mm)	GOING (mm)	RISE (mm)
18° 33%	576	190	606	200
20° 35%	543	190	571	200
22° 40%	475	190	500	200
24° 45%	422	190	444	200
27° 50%	380	190	400	200
29° 55%	345	190	364	200
31° 60%	317	190	333	200
33° 65%	292	190	308	200
35° 70%	271	190		
37° 75%	253	190		

Rev	Date	Amendment	Drawn
A	05/09/19	STEP GEOMETRY UPDATE	JR

**APPLICATION NOTES:**

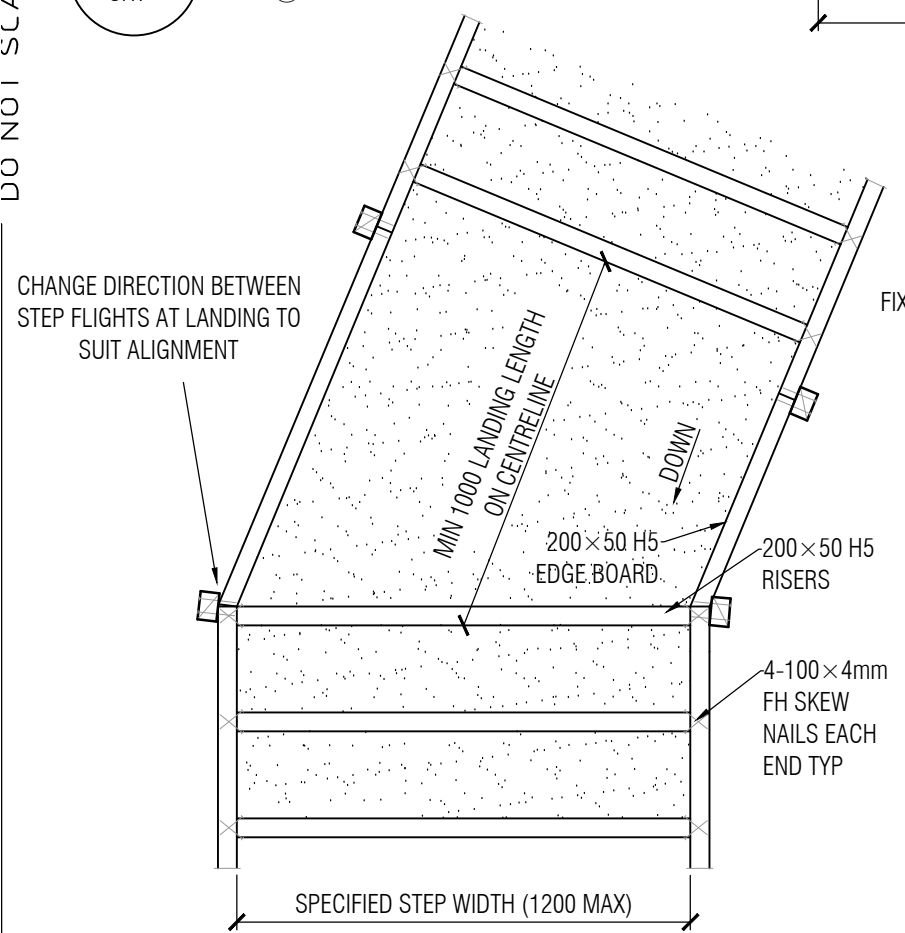
- FOR USE WITHIN KAURI HYGIENE AREAS AND KAURI ZONES WHERE LONGITUDINAL GRADE EXCEEDS ALLOWABLE LIMITS FOR TRACK GRADE (ie >17%).

**NOTES:**

- TREATMENT:**  
- ALL TIMBER TO BE H5 TREATED.
- LANDINGS:**  
- MAXIMUM 2.5m VERTICAL RISE BETWEEN LANDINGS.  
- LANDINGS SHALL CONSIST OF AT LEAST 1000mm LEVEL STEP.
- SET-OUT:**  
- STEPS SHALL HAVE UNIFORM LENGTH AND RISER HEIGHT WITHIN EACH FLIGHT BETWEEN LANDINGS.
- PROBING:**  
- PEG POSITION TO BE PROBED PRIOR TO DRIVING TO CHECK FOR CLEARANCE OF KAURI TREE ROOTS.

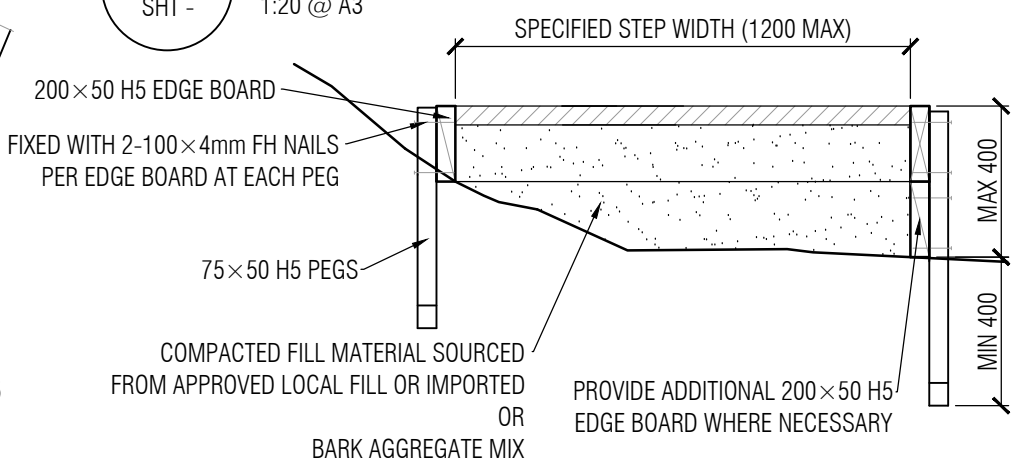
# 02 PART PLAN ON BOXED STEPS

SHT - 1:20 @ A3



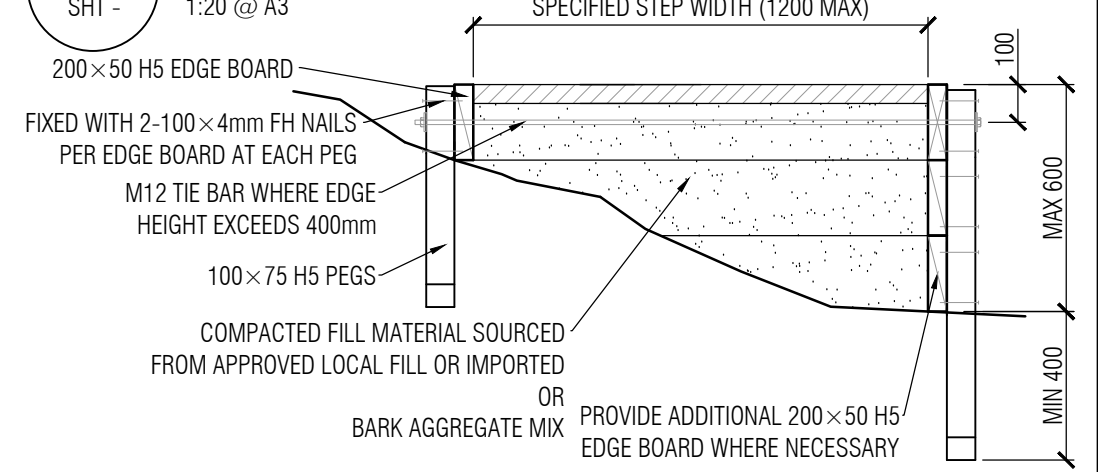
# A TYPICAL SECTION ON BOXED STEPS

SHT - 1:20 @ A3



# B BOXED STEP SECTION WITH 600mm HIGH EDGE

SHT - 1:20 @ A3



DRAFT