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Outline the Scene	Incident	A3 Serious Injury –Severed hand tendon
	Subject	Marking out and installing purlins
	Incident Date	19-09-2022
	Business Unit	Fletcher Living – North Branch
What happened	Whilst in the process of preparing to mark out and install purlins the IP was queried by his team about the purlins. He walked on the top plate toward them while holding on to the handrail of the roof edge protection. On his way to the team, whilst walking on the top plate, a co-worker was in the IP's way. As the IP stepped around his co-worker, he placed his foot onto the 4th truss to get around him. It was at this point that his foot slipped, and he lost grip of the handrail. Whilst falling he used his left hand to stop his fall by grasping onto the top chord of the 5th truss. His hand slid down the top chord into the metal roof strap cutting a V-shape into this left thumb severing the tendon. IP followed the correct procedure for marking out and installing purlins.	
		
		
WHAT HAS CONTRIBUTED TO THIS INCIDENT OCCURRING		
	Worker Slipping	
	• It was raining on the day, however not when the incident occurred. This led to the trusses being wet and subsequently slippery. • The roof was sloped at 25 degrees and damp creating a slip hazard if utilised. • Whilst adequate and compliant roof edge protection was in place the design was not practical. This created a congested working area which led to the IP having to step around his co-worker onto the truss to get around him.	

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PPE

- As this was a carpenter working at pre-line stage, gloves are mandatory as part of our new glove policy. IP removed his gloves at lunch time and forgot to put them back on.

We believe all injuries are preventable, here are some corrective actions and further questions to help us learn



Immediate corrective actions

- Scaffold set up when using our new product, metal fascia can be improved to provide better access for both fascia / gutter install and roof access for purlins. This is being implemented.
- When reviewing task of installing purlins in general we believe that it will be a lower risk task if we move to installing purlins at 450mm centres (vs usual practise of 900mm). This will be implemented moving forwards.
- Sharing this incident with all contractors reiterating importance of gloves policy.

Further questions

- Can we change the roof strap brace to an alternate product without sharp edges?
- Could the roof pitch be shallower without impacting product outcome?
- Can the edge protection be a better design but still be adequate and compliant?

For more information, please contact;

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