

Raising a bent – Timber frame construction

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Sprains/strains, soft tissue	Steel toed boots	Training in safe lifting techniques
	Hard hat	
	Hand protection	

Safe Work Procedure:

1. Determine the placement of the bent
2. Install the 2x6 support brace to the top of the bent using structural fasteners
3. Build a 14 foot x 14 foot frame out of 2x6's within the intended erection area
4. Place the legs of the bent inside the box diagonally at the corners
5. Position the workers beside the bent for the raising of the bent
6. Review the lift procedure and assignment of duties with the workers as a group prior to the lift
7. Issue the "lift" command
8. As the bent is raised have the workers responsible for the long brace move the brace outwards to prevent the bent from coming "over center"
9. Check the bent for vertical alignment and assign workers to support the posts
10. Install 2x6 bracing from two sides of each post to the sides of the frame
11. Check the structure for alignment and support
12. Erect the scaffolding inside of the structure ensuring that it has been positioned properly
13. Raise each one-half bent section at a time to their position against the upstanding bent
14. Secure each section
15. Install the 2x4 bracing and secure the structure with strapping as outlined in the plan
16. Attach the remaining components using the scaffolding to reach the intended areas

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations:	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee: Date: