

ASN Structural Timbers and related steel collars stored at White Bay

Based on a visual inspection on 3 March 2016, the following items are located at White Bay Power Station as follows:

Timber columns – 16 total remaining

Number of items	Condition	Colour code	Stored location
9	Good	Green	8 in SW container 1 under tarpaulin
7	Questionable	Yellow	Under tarpaulin

Timber beams – 42 total remaining

- End beams – 16 subtotal

Number of items	Condition	Colour code	Stored location
12	Good	Green	NW container
4	Questionable	Yellow	NW container

- Centre beams – 8 subtotal

Number of items	Condition	Colour code	Stored location
7	Good	Green	NW container
1	Questionable	Yellow	NW container

- Beams in poor condition (including both end beams and centre beams) – 17 subtotal

Number of items	Condition	Colour code	Stored location
17	Poor	Red	Under tarpaulin

Timber joists – 190 approximate remaining

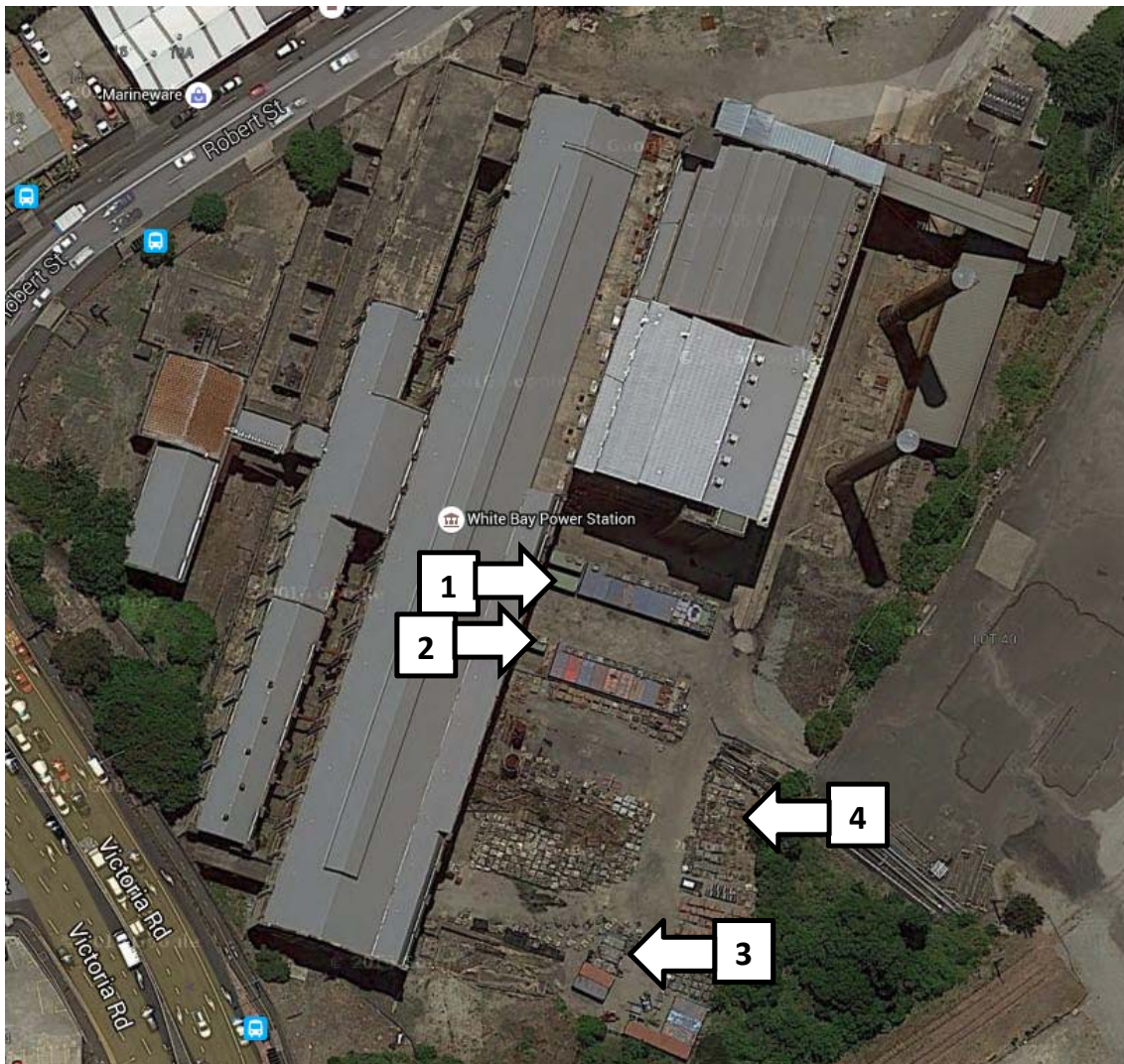
- Strapped in 9 packs of various lengths and varying quantities.
- Approximate numbers only based on counting end timbers within the strapped packs.
- Packs may include other miscellaneous unrelated timbers
- Stored location under tarpaulin.
- Condition not assessed. Cursory appearance is good.
- Note: additional various shorter lengths used as spacers between the stacked packs of timber s appear likely to be sections cut from subject timber joists. These spacers have been used both in the containers and under the tarpaulin. Some pieces (16) have been salvaged and strapped in packs and are stored in the NW container.

Steel collars – 34 sets approximate remaining

- 36 top pieces and 34 bottom pieces
- All generally good condition. Some treatment to surface rust required.

- Note: pieces are generally observed to vary in several different scaled sizes. Assume different sizes related to different structural levels of the building ie. larger pieces to lower level structure and smaller pieces to upper level structure and possible intermittent scaled pieces to mid structure levels.
- Recommend measuring examples remaining insitu at 5 Hickson Road and check quantities of relevant matching sizes stored at White Bay.
- Stored location is towards eastern boundary in the open air within southern fenced building yard.

Location plan:



1. NW container
2. SW container
3. Tarpaulin
4. Steel collars

Selected photographs:



1. Timber beams stored in NW container. The timber beams are a combination of shaped and square ends.



2. The shaped ends will be constructed into the steel collars and the square ends into the side walls of the building. Beams shaped at both ends are noted above as Centre Beams, and beams shaped at one end but square at the other end are noted above as End Beams.



3. Timber columns stored in SW container on lower shelf. Upper shelf is non related items.



4. Timber columns stored in SW container in two packs of four columns.



5. Suspected sections of timber joists cut into shorter segments. Stored in NW container.



6. 5. Suspected sections of timber joists cut into shorter segments. Stored in NW container.



7. Tarpaulin covering packs of timber joists at southern end of building yard.



8. Packs of timber joists (shown in red box) located under tarpaulin. The other larger section timbers shown are additional beams or columns of various condition as noted in the summary above.



9. Steel collars located towards eastern boundary of southern building yard. The steel collars are in two pieces: bottom pieces and top pieces. Photo (9) shows top pieces only – in the lower part of the photo the pieces are stored upside-down, in the upper part of the photo the pieces are stored upright.



10. Steel collar top pieces (centre of photograph). Note the various scale of the collars and the indents in the top surface. The smaller indents indicate the collars to the upper structural level of the building.



11. Steel collar bottom pieces. Note: stacked upside-down.



12. Steel collar bottom piece shown upright.



13. Example timber construction remaining insitu at 5 Hickson Road, The Rocks. Level 3 and 4.



14. Example timber construction remaining insitu at 5 Hickson Road, The Rocks. Level 2.



15. Example of space at 5 Hickson Road to be reconstructed. South western corner to Level 4 floor level. Note: square recess on side wall for location of end beam connection, and stepped ledge on end wall located between the windows to support ends of joists.



16. Example of end beam connecting to side wall at 5 Hickson Road.



17. Example of timber construction detail at 5 Hickson Road. Note: a timber beam will be reconstructed into the right hand side of the collar as part of the proposed works.



18. Example of timber columns extending through the later concrete floors at Level 3. The timber structure is connected to the timber columns and steel collar detail in Level 2 below. The concrete floor will be demolished and the timber floor structure reconstructed as part of the proposed works.



19. Example of timber construction detail remaining insitu at 5 Hickson Road, The Rocks.

End.