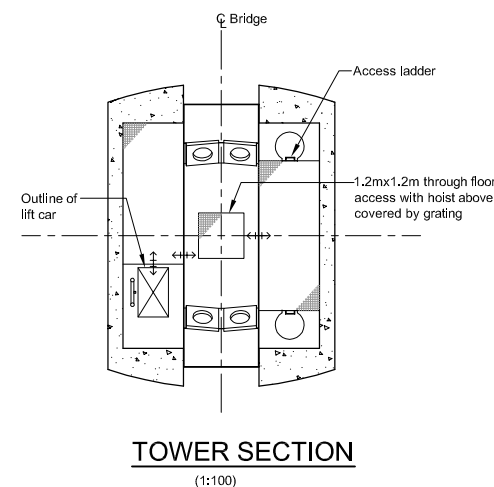
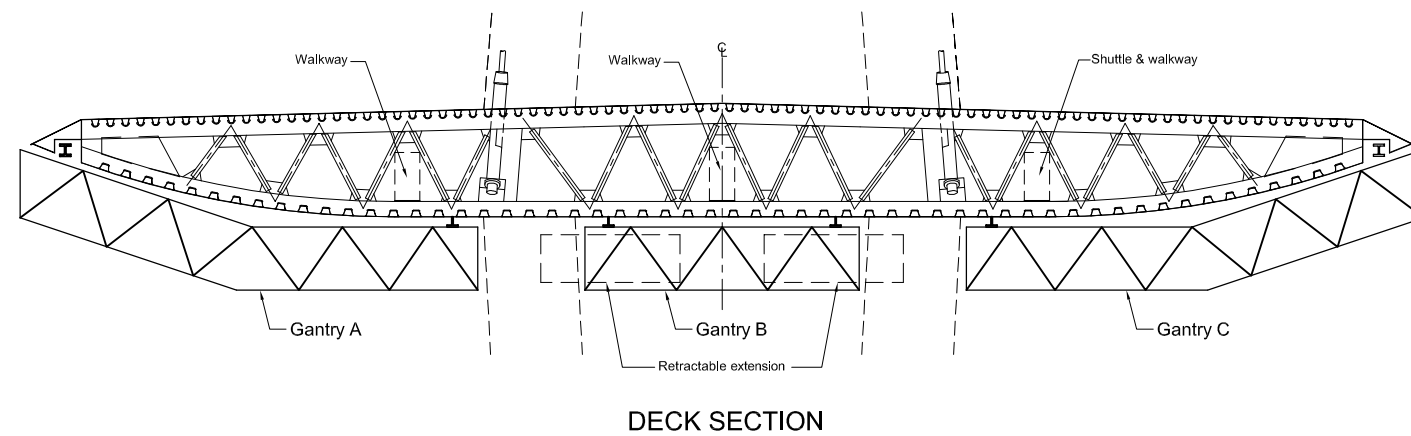


**8** Note:  
 Three independent gantries provided to pass towers and piers to access full length of deck

- ① Access door at deck level.
- ② Lift and emergency stairs/ladders from deck level to tower top with intermediate stops at stay cable anchorages.
- ③ Access to equipment including hidden tower top maintenance unit.
- ④ Permanent platform for access to lateral bearing.
- ⑤ Access walkways and shuttle in deck interior for entire length of bridge.
- ⑥ Access to expansion joint and bearings at end piers.
- ⑦ Access to bearings at piers S1/N1.
- ⑧ Travelling inspection and maintenance gantry for steel deck.
- ⑨ Access doors from tower to gantry.
- ⑩ Stay cable maintenance gantry.
- ⑪ Access platform suspended from derrick on tower top.
- ⑫ Access door at tower base level.
- ⑬ Cross passage access with access hatches at deck level and transverse walkway at approximately 90m centres. Additional access holes in internal web to be provided between cross passages.
- ⑭ Stairs /ladders access from base level to deck level.



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Reviewed	Approved
0						



**JACOBS ARUP**

Project  
**FORTH REPLACEMENT CROSSING**

Drawing title  
**CABLE STAYED BRIDGE  
 THREE CORRIDOR OPTION  
 ACCESS FACILITIES  
 CONCEPT LAYOUT**

Drawing status  
**PRELIMINARY**

Scale  
 AS SHOWN | DO NOT SCALE

Client no.  
 RD 001675

Drawing number  
**FRC/C/076/S/501** | Rev  
**0**

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.