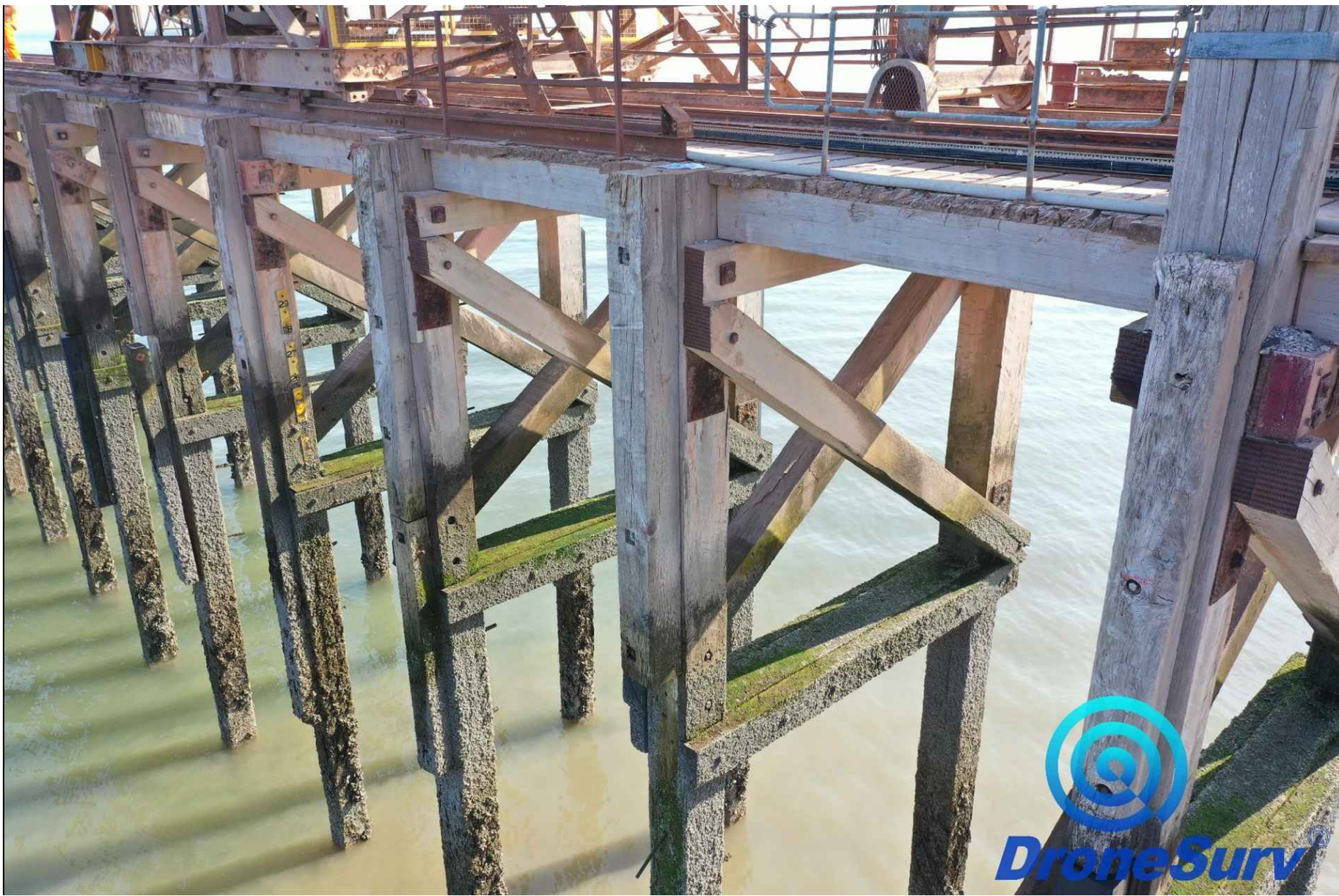
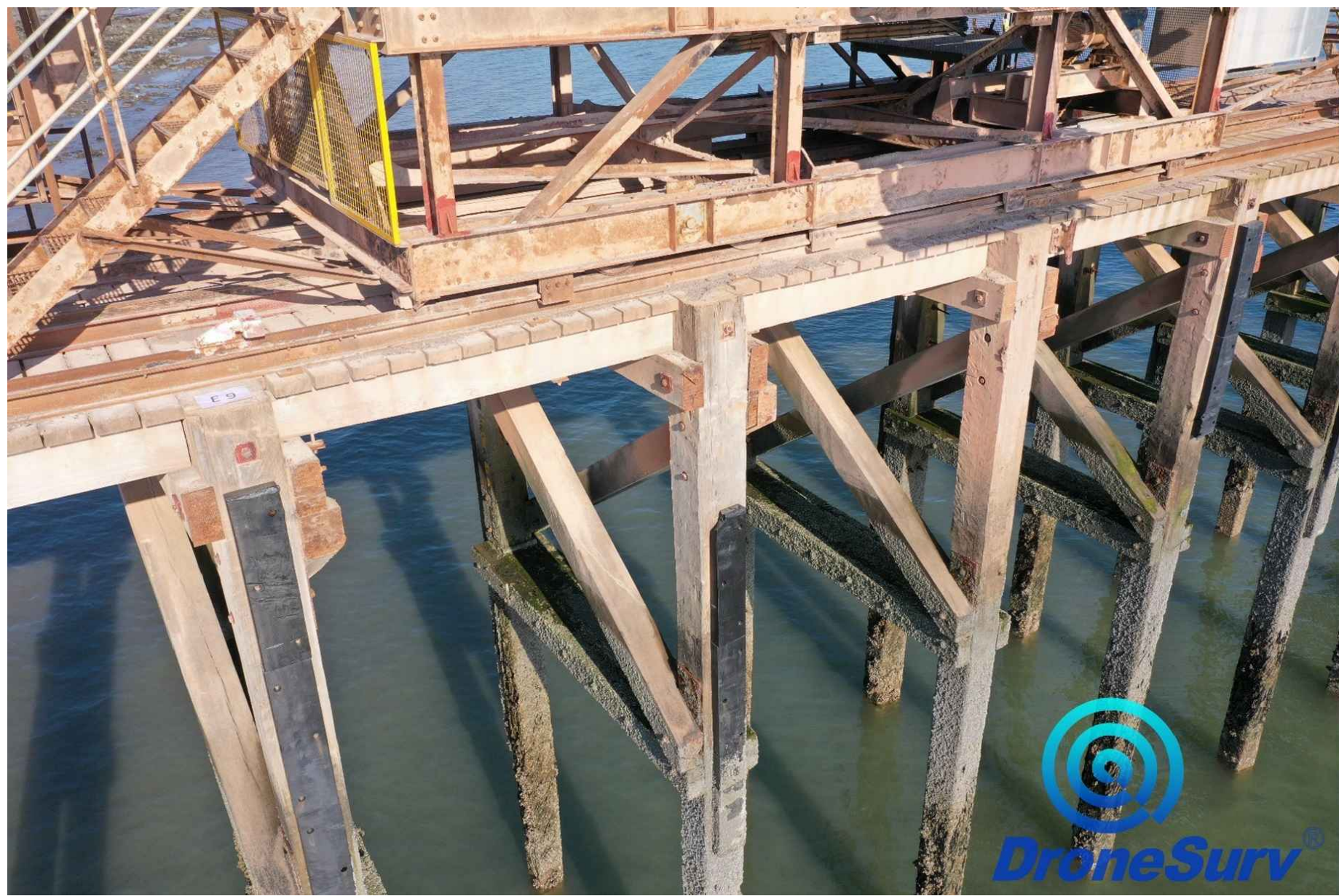




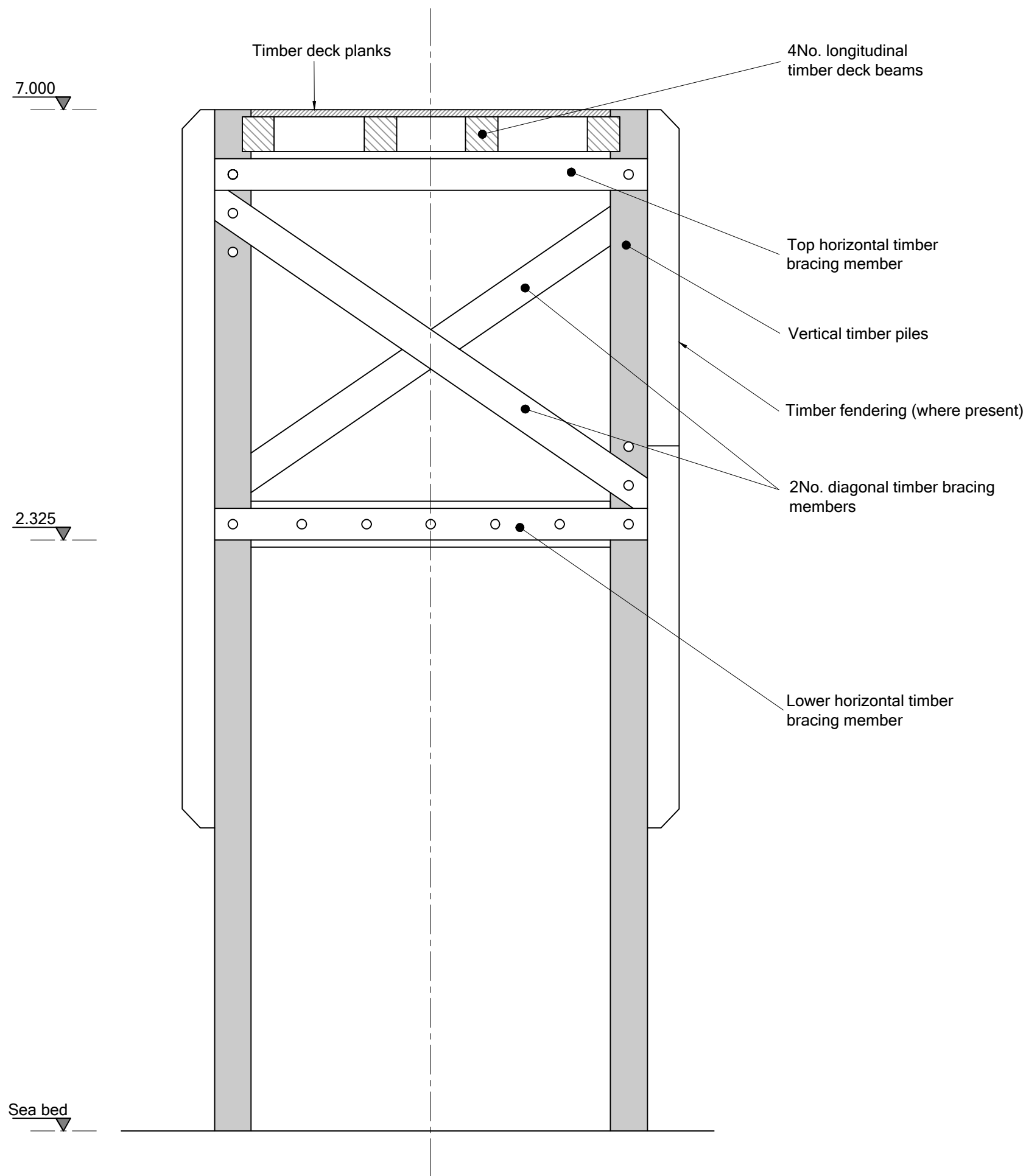
GENERAL VIEW AT LOW TIDE



WEST SIDE VIEW ON TYPICAL BAY



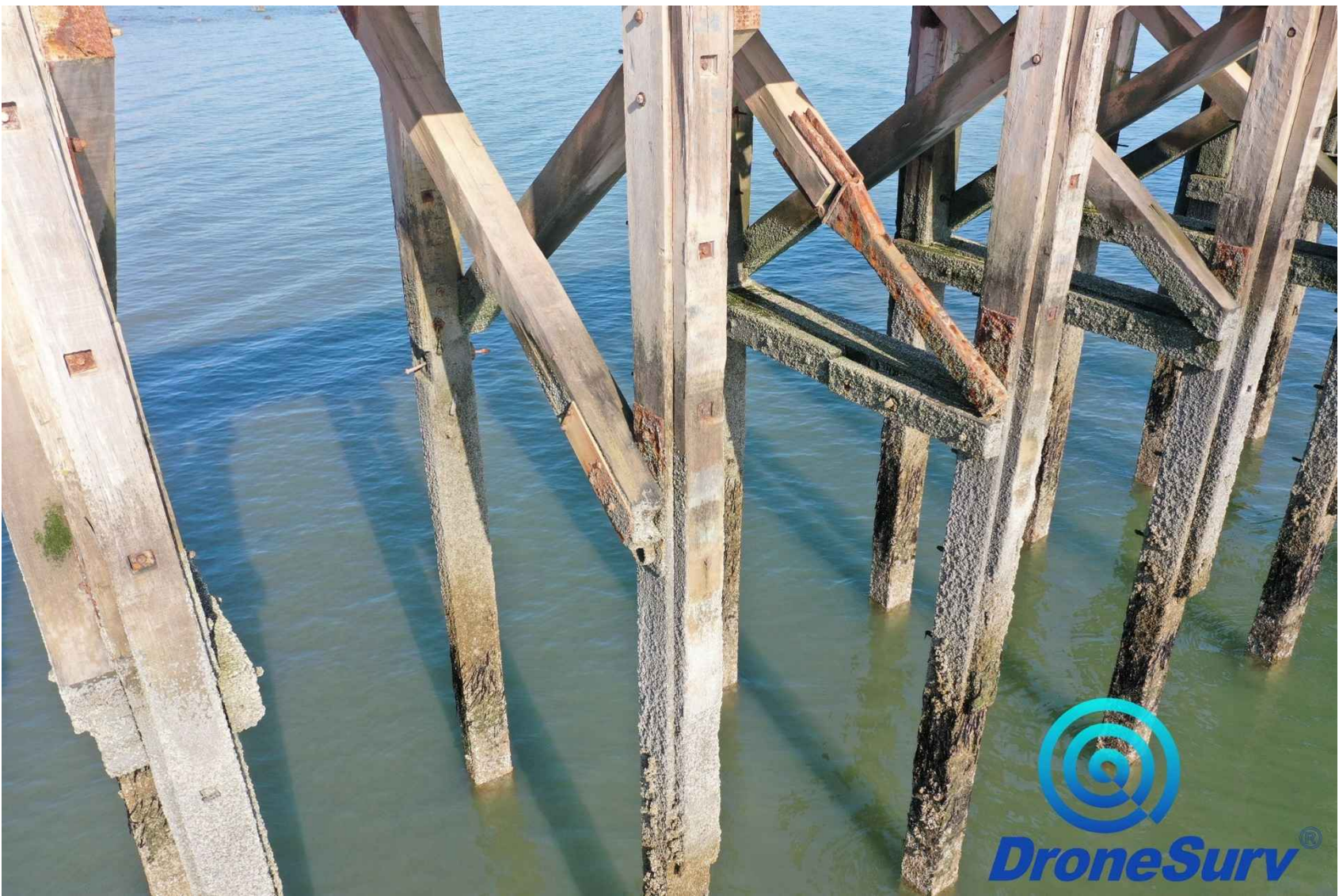
EAST SIDE VIEW ON TYPICAL BAY



TYPICAL SECTION
SCALE 1:50



TYPICAL BAY VIEW FROM BENEATH



TYPICAL BAY VIEW FROM ABOVE

Notes

1. Do not scale, work to figured dimensions only

Scope of repair work

The scope of repairs are described in document 'Appendix 2 TD 11002 Raynes Quarry Jetty, Layout of Jetty Supports, Work 2021. A summary of this work is set out below:

1.1. Diagonal Bracing

One diagonal bracing has fallen away and should be replaced with a suitable replacement ideally as the original and rebolted. Any further diagonal beams identified as defective should be reported , rebolted or replaced

1.2. Horizontal Crossbeam

One diagonal bracing has fallen away and should be replaced with a suitable replacement ideally as the original and rebolted. Any further horizontal crossbeams identified as defective should be reported rebolted or replaced

1.3. Principal Bolts

All the main 6 bolts in each pile set should be checked for tightness and severe corrosion. It is assumed that piles 36-20 should be checked, if loose and corroded bolts are still being frequently encountered this should continue to the beginning of the jetty

1.4. Fender wooden

Replace full or part length of wooden fender including supply of all materials and new bolts. all bolts to be countersunk to at least 25mm below the fender top surface. Minimum of 4 bolts in any length and minimum of 2 bolts per metre of wooden fender.

1.5. Fender Rubber

Replace full or part length of rubber fender including supply of all materials and new bolts. all bolts to be countersunk to at least 20mm below the fender top surface. Minimum of 4 bolts in any length and minimum of 2 bolts per metre of rubber fender.

1.6. Ladder

Replacement of the ladder with a suitable galvanised ladder access and ladder cage where required. Two ladders are required, one at each end of the jetty

1.7. Concrete Repair

Two types of concrete damage are identified by the structural report, spalling around reinforcement and cracking. Both of these and any other detrimental concrete damage should be repaired in line with the structural report recommendations.

DRAFT

Rev'n	Date	Description	Drawn	Chk'd	App'd
Status					
PRELIMINARY					
 HAYDN EVANS 31 to 37 St Helens Street, Ipswich, IP4 2JL 01473 236550 www.haydnevans.co.uk mail@evansconsult.co.uk					
Client CEMEX					
Project RAYNES JETTY					
Drawing title TYPICAL SECTIONS					
Scale A1 @ 1:250	Drawn RT	Checked JFH	Approved	Date MARCH 2021	
Drawing no. 215/024/02				Revision -	