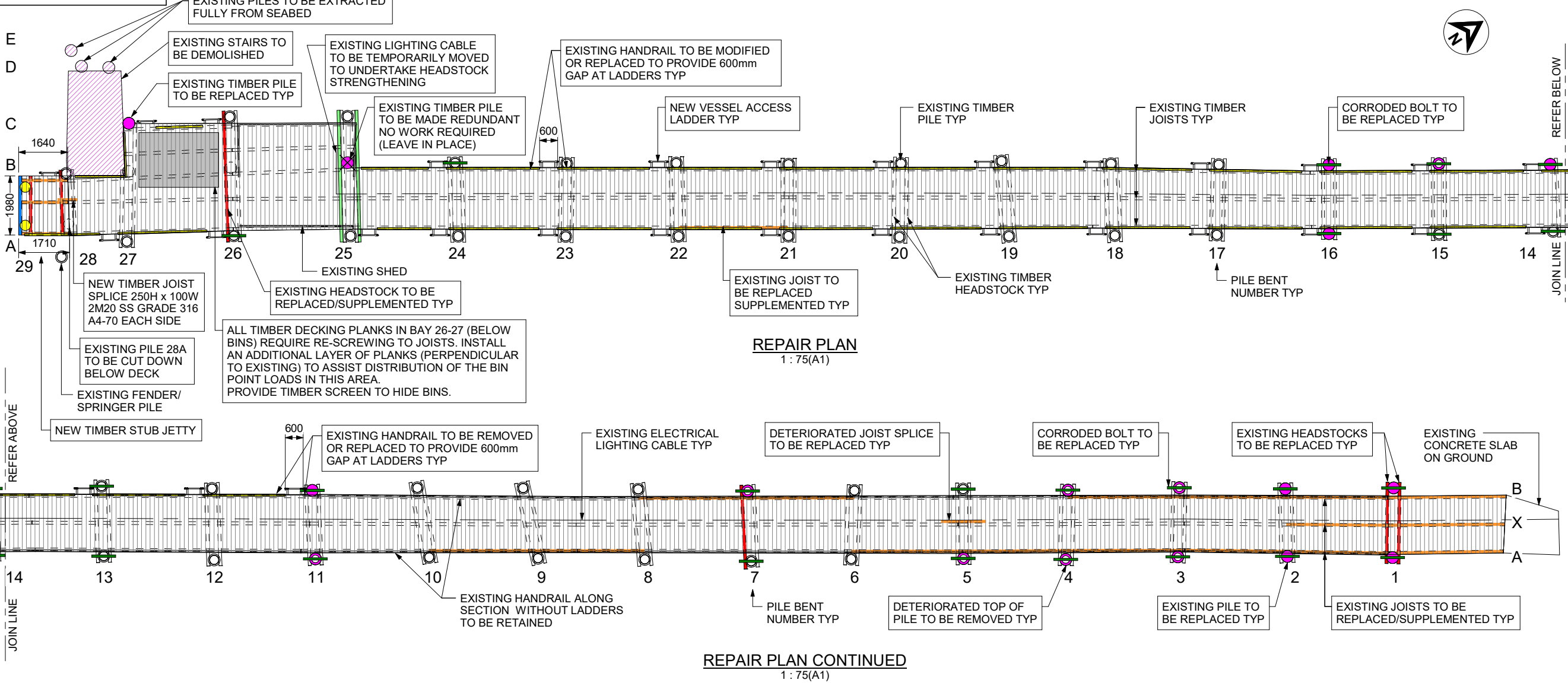


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LEGEND:

- NEW TIMBER HEADSTOCK (6 OFF)
 - 250 H x 100 W F17 HARDWOOD
 - 2M20 SS GRADE 316 A4-70 BOLTS TO PILE
- NEW STRENGTHENING TO EXISTING HEADSTOCK (2 OFF)
 - 250 H x 100 W F17 HARDWOOD
 - M20 TO HEADSTOCK AT 500 CTRS SS GRADE 316 A4-70 BOLTS
 - FIX ADDITIONAL M24 316 A4-70 BOLT TO PILES 25A & 25C
- NEW TIMBER GANGWAY FIXING BEAM (1 OFF)
 - 250 H x 100 W F17 HARDWOOD
 - 2M24 SS GRADE 316 A4-70 BOLTS TO EACH PILE
- NEW TIMBER JOIST (13 OFF)
 - 250 H x 100 W F17 HARDWOOD
 - 1M20 SS GRADE 316 RECESSED BOLT TO HEADSTOCKS
- EXISTING HANDRAIL MODIFIED OR REPLACED
 - PROVIDE 600mm OPENING AT LADDER LOCATIONS
- EXISTING STAIRS TO BE DEMOLISHED

LEGEND CONTINUED:

- CORRODED BOLT AT PILE CONNECTION (24 OFF)
 - REPLACE OR SUPPLEMENT WITH M20 SS GRADE 316 A4-70
- NEW TIMBER PILE (2 OFF)
 - Ø350 F27 DOUBLE TREATED HARDWOOD
 - DRIVEN WITH 300 kN ULS AXIAL CAPACITY (MIN 6m EMBEDMENT INTO SOUND MATERIAL)
- EXISTING PILE TO BE REPLACED (9 OFF)
 - REFER GENERAL COMMENTS
- EXISTING PILE WITH DETERIORATED TOP (8 OFF)
 - CUT OFF DETERIORATED SECTION OF PILE (MIN 100mm ABOVE HEADSTOCK) AND TREAT CUT PILE AS PER THE SPECIFICATION
- EXISTING TIMBER PILES (2 OFF)
 - TO BE EXTRACTED
- NEW VESSEL ALUMINIUM ACCESS LADDER (31 OFF)

EXISTING JETTY MEMBERS:

- HEADSTOCKS - 250 H x 100 W HARDWOOD
 - 1M20 GALV BOLT TO PILE
- JOISTS - 250 H x 100 W HARDWOOD
 - SPLICE 250 H x 100 W x 1200 L HARDWOOD
 - SPLICED EVERY SECOND PILE 4M16 BOLTS
- STAIR STRINGER - 200 PFC GALVANISED
- PILE TIMBER (SIZE VARIES Ø350 APPROX)
- TIMBER DECKING PLANKS - 50 H x 190 W
- TIMBER HANDRAIL - 90 x 90 POST AT 2m CTRS
 - 90 x 90 TOP RAIL AND 75 H x 45 W MID RAIL

GENERAL COMMENTS CONTINUED :

- ALL CUT TIMBER TO BE TREATED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION

GENERAL COMMENTS

- ALL DIMENSIONS HAVE BEEN TAKEN FROM COUNCIL SURVEY AND SITE MEASUREMENTS AND ARE APPROXIMATE ONLY CONTRACTOR TO CARRY OUT OWN SITE MEASUREMENTS.
- ALL BOLTS SHALL BE M20 SS GRADE 316 A4-70 UNO.
- CLEAN AND RECOAT ALL GALVANISED BOLTS WITH SURFACE TOLERANT HIGH BUILD EPOXY PAINT. IF WHEN CLEANING THE BOLTS, IT IS DEEMED THAT THE INDIVIDUAL BOLT IS NOT ADEQUATE THEN THE SUPERINTENDENT SHALL BE NOTIFIED AND BOLTS REPLACED WITH SS M20 GRADE 316 A4-70.
- WHERE EXISTING JOISTS DO NOT BEAR ON HEADSTOCKS PACK WITH HDPE SHEETS.
- WHERE EXISTING PILES ARE TO BE REPLACED, INSTALL TEMPORARY PROPS BENEATH WHARF, REMOVE DECK/JOISTS AS REQUIRED, EXTRACT EXISTING PILES AND DRIVE NEW PILES.
- NEW PILE RINGS AND CAPS TO BE INSTALLED TO PROTECT PILE TOPS FROM RAINWATER AND SPLITTING (42 PILES APPROX).
- ALL EXISTING MOORING RINGS HAVE CORRODED/FAILED AND ARE TO BE REMOVED. INSTALL NEW SS GRADE 316 STEEL HEAVY DUTY MOORING RINGS. (45 REQUIRED), ALIGN WITH VESSEL MOORINGS AS SHOWN ON DRG CAROLS-SK1).
- EXISTING LADDERS ARE DAMAGED, DETERIORATED OR UNSAFE, REMOVE AND INSTALL NEW LADDERS AS SHOWN ON DRG CAROLS-SK1).
- APPROX HALF OF HANDRAIL POST FIXINGS ARE SEVERELY CORRODED, REMOVE BOLTS AND REPLACE WITH NEW 2M12 SS GRADE 316 A4-70 BOLTS.

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| 0 | 29.05.2020 | ISSUED FOR CONSTRUCTION | SC | SH | CS |
| REV | DATE | DESCRIPTION | BY | CHK | APR |
| REVISIONS | | | | | |

CLIENT



PROJECT
SCOTLAND ISLAND
WHARF FACILITY UPGRADE

TITLE
CAROLS WHARF
REPAIR PLAN



| | | | | |
|-------------|--------------------------|--------------|-------|------|
| DRAWN | COORD. SYSTEM | DATE | SCALE | REF. |
| 05/19/20 | AT A1 | As indicated | | |
| DRAWING No. | PA1979-RHD-00-DR-MA-2011 | REVISION | 0 | |



ISOMETRIC VIEW

D5 FOR CONSTRUCTION

AUSTRALIAN HEIGHT DATUM

