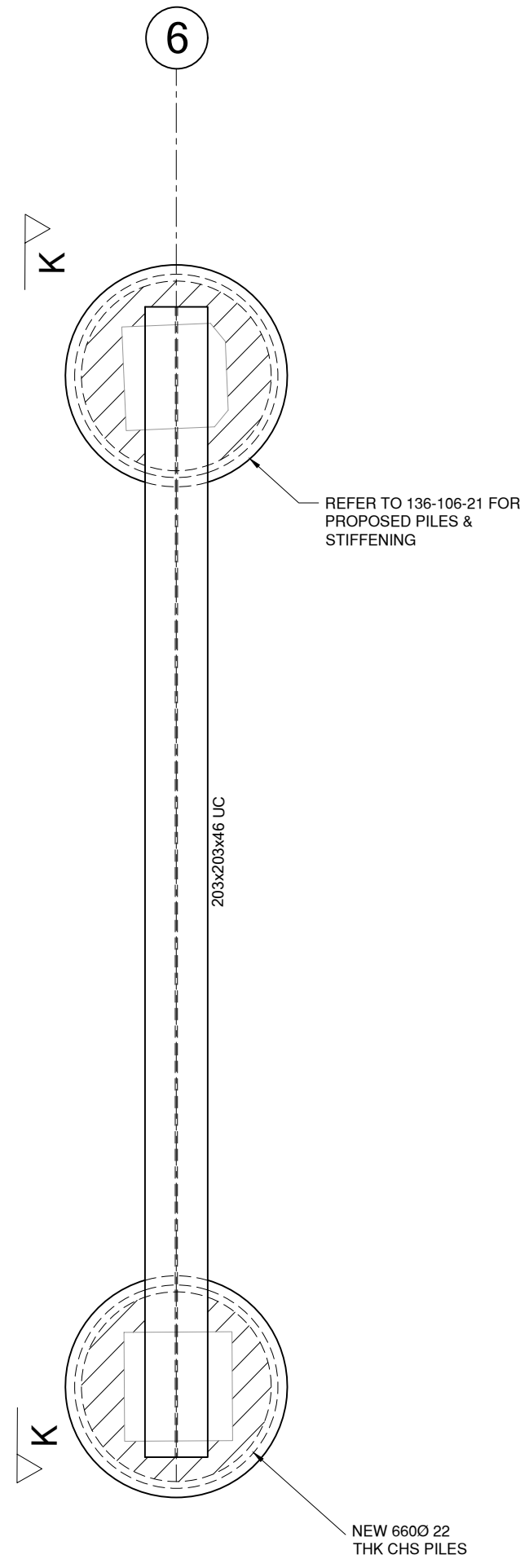
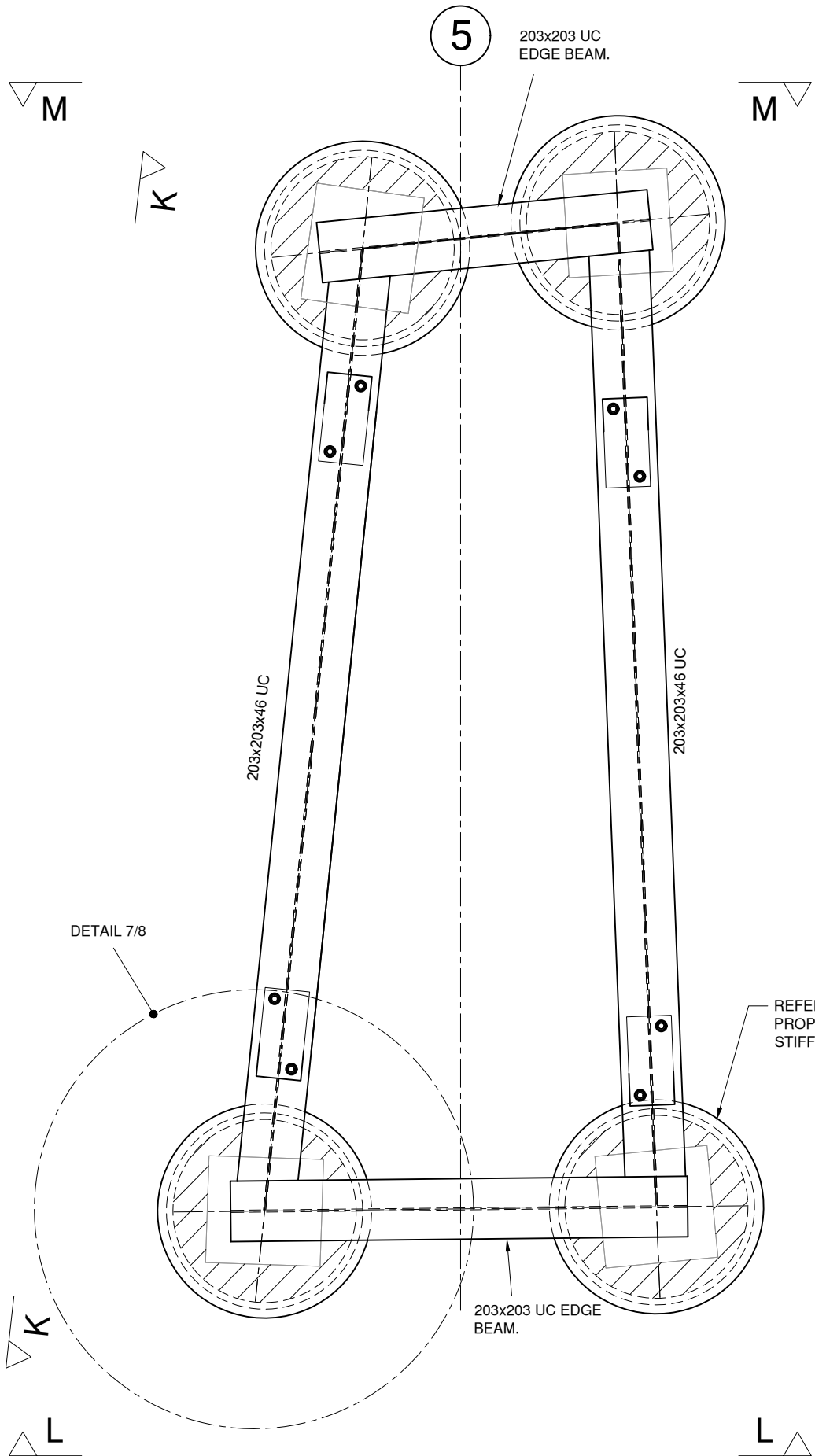
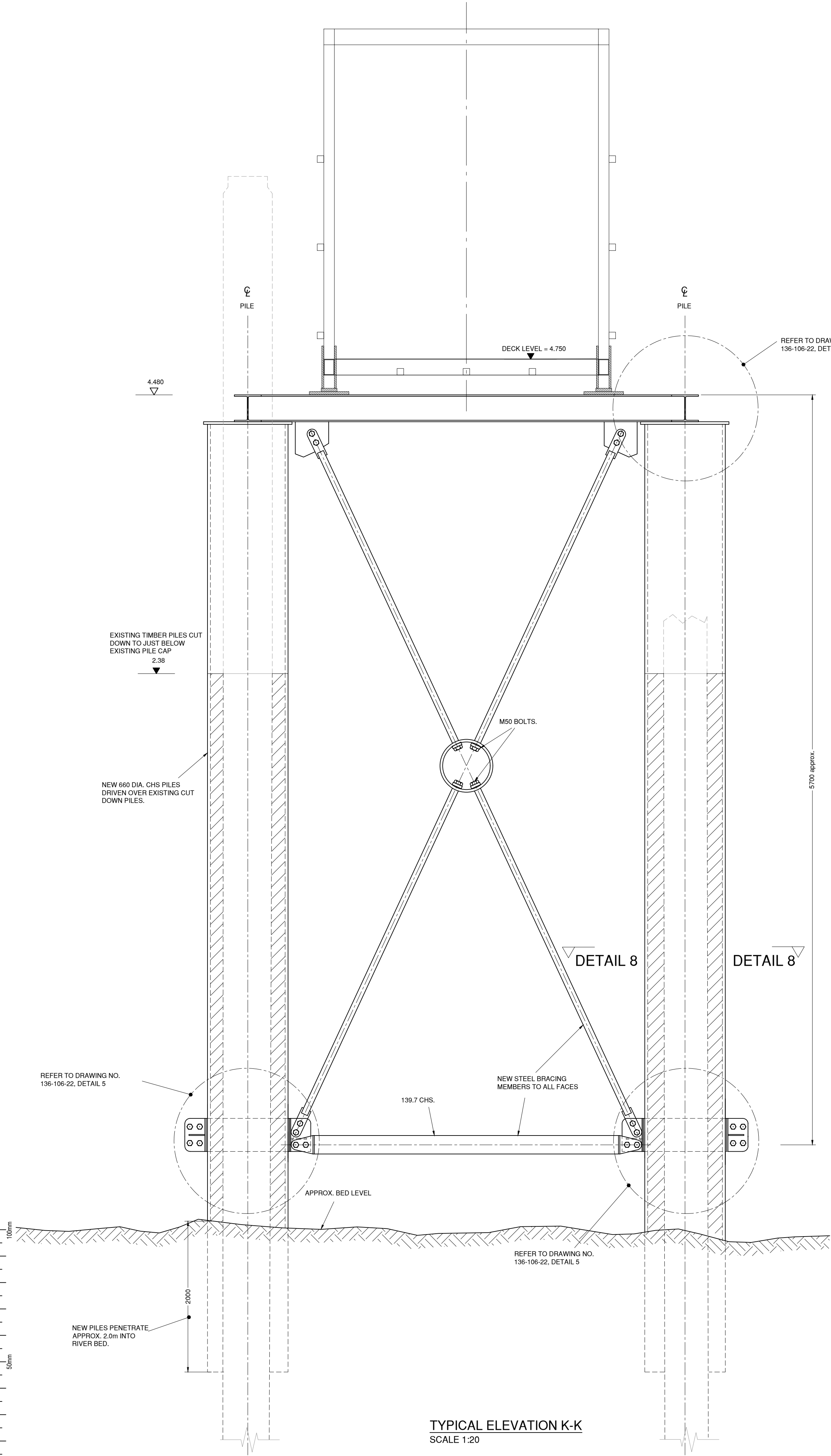




6

5

K

M

K

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K

L

L

K

PLAN AT 6 CL
SCALE 1:20

Health and Safety Symbol Legend

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

Residual Hazard Information

THESE NOTES DESCRIBE THE SIGNIFICANT RESIDUAL RISKS RELATING THE CONSTRUCTION, MAINTENANCE AND OR DECOMMISSIONING OF THE WORKS SHOWN ON THIS DRAWING.

THE FOLLOWING RISK ITEMS ARE BROUGHT TO THE ATTENTION OF THE CONTRACTOR TO BE ADDRESSED IN HIS WORKING METHODS CONSTRUCTION PHASE PLAN.

- 1. WORKING IN PROXIMITY OF THE PUBLIC.
- 2. DAMAGING SERVICES.
- 3. WORKING IN A MARINE ENVIRONMENT - UNEVEN FORESHORE, SLIPS, TRIPS AND FALLS. UNPROTECTED EDGES.
- 4. WORKING AT HEIGHT ABOVE A WATERCOURSE.
- 5. LIFTING OPERATIONS E.G. PLACEMENT OF SLEEVING PILES AND BRIDGE SPANS.
- 6. FALLING, HEAD AND BODILY INJURIES, ELECTRICAL SHOCK.
- 7. COLLAPSE, RISK OF INJURY OR DEATH.
- 8. TRANSMITTING LEPTOSPIROSIS.
- 9. CONTAMINATING WATERCOURSE DUST/DEBRIS.
- 10. VOID INFILLING - GROUT BURNS.
- 11. CUTS, ABRASIONS AND FUMES ASSOCIATED WITH STEEL FABRICATION AND PLACEMENT.
- 12. SITE WELDING AND DRILLING.
- 13. WORKING OVER / NEAR TIDAL WATER.
- 14. LOSS OF HEARING - VIBRATING SLEEVING PILES.
- 15. WORKING IN PROXIMITY OF A PROMINENT SHIPPING LANE - RIVER TRAFFIC.
- 16. TIDAL WATER & INCLEMENT WEATHER.

Notes

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING:
 - DRAWING NOS. 136-106-11-12.
- THIS DRAWING HAS BEEN PRODUCED FOLLOWING LIMITED WALKOVER INSPECTIONS CARRIED OUT DURING FEBRUARY AND MAY 2025.
- DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.
- THE FABRICATOR IS TO MAKE A DETAILED SURVEY OF THE EXISTING ARRANGEMENTS TO FINALISE DIMENSIONS AND LEVELS FOR FABRICATION.
- TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS DATED 2021.
- SERVICES ARE SHOWN INDICATIVELY ONLY.
- PLA CONSENT TO BE CARRIED OUT BY OTHERS.
- FOR SPECIFICATION AND CDM NOTES REFER TO DRAWING NO. 136-106-020.

Specification

- THE SPECIFICATION FOR THE STEELWORK IS TO BE THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION, 5TH EDITION.
- ALL STEELWORK IS TO BE GRADE S275 JO OR BETTER TO BS EN 10025-3 AND BS EN 10210
- ALL BOLTS ARE TO BE GRADE 8.8 HOT DIP GALVANIZED UNLESS NOTED OTHERWISE.
- MINIMUM WELD SIZE TO BE 6MM F.W. ALL WELDS TO BE TO FULL PERIMETER OF MEMBERS UNLESS NOTED OTHERWISE.
- THE PAINT SYSTEM USE ON THE NEW DOLPHIN (IF ANY) IS TO BE AGREED BETWEEN THE CONTRACTOR AND THE CLIENT.
- ALL STIFFENERS ARE TO BE SHAPED AND FULLY WELDED TO FIT THE PROFILE OF THE MEMBERS THEY CONNECT TO, AND UNLESS NOTED OTHERWISE, THEIR THICKNESS IS TO EQUAL THE THICKNESS OF THE MEMBER.
- SECONDARY STEELWORK MEMBERS (HANDRAILS, TOE RAILS, MESH FLOORING ETC.) ARE TO BE DETAILED TO THE FABRICATOR'S DESIGN.
- UNLESS NOTED OTHERWISE, ALL HOLLOW SECTION MEMBERS ARE TO BE SEALED WITH END PLATES OF THE SAME THICKNESS AS THE MAIN MEMBER. IF MEMBERS ARE TO BE GALVANIZED, BREATHER HOLE(S) ARE TO BE PROVIDED IN THE MEMBERS AS REQUIRED.
- THE CONTRACTOR IS TO ENSURE THAT NO WATER TRAPS ARE PRESENT ON THE COMPLETE FABRICATION, AND SUITABLY SIZED DRAIN HOLES ARE TO BE PROVIDED AT ANY LOCATIONS WHERE STANDING WATER COULD COLLECT.
- ALL GROUT TO BE NON-SHRINK CEMENTITIOUS GROUT E.G. PAREX CS GROUT (OR SIMILAR APPROVED)
- ALL STEELWORK TO DECKING UNITS TO BE SHOT BLASTED AND WELDABLE PRIMER SPRAY APPLIED. BRIDGE UNITS TO BE OVER COATED WITH TWO COATS OF SIGMASHIELD 880 MINIMUM 400 MICRONS EXCEPT FOR 50mm ALONG EACH EDGE TO BE WELDED. FOLLOWING WELDING, OVERCOAT ON SITE WITH SIGMASHIELD 880. COLOUR TO CLIENT PREFERENCE.

Rev'n	Date	Description	Drawn	Chk'd	App'd
P01	04.07.25	INITIAL ISSUE	KW	DW	IH

Status	PRELIMINARY
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**WPH
MARINE**

DENTON PIER REFERBISHMENT

DETAILS AT GRID 5, GRID 6 PROPOSED PILES

Scale	Drawn	Checked	Approved	Date
1:20	KW	DW	IH	07.2025

Drawing no.	Revision
136-106-20	P01