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	<u>GENERAL:</u>	METAL FABRICATIONS:
	 READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS. REPORT ANY CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK. VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION. 	1. UNLESS NOTED OTHE SUPPLY THE ENGINEI INDICATE ALL DETAILS
	 VERIFY ALL DIMENSIONS AND ELEVATIONS FROM TO CONSTRUCTION. NOTIFY THE ENGINEER 48 HOURS IN ADVANCE FOR INSPECTION OF STRUCTURAL CONNECTIONS BEFORE COVERING UP. 	2. A COPY OF THE FAE SHOP DRAWING SUBM
	4. CONTRACTOR'S RESPONSIBILITY: THESE DRAWINGS SHOW COMPLETED STRUCTURAL COMPONENTS OF THE DOCKS. THE REQUIRED TEMPORARY BRACING AND SHORING TO PERFORM THE WORK SAFELY IS THE RESPONSIBILITY OF THE CONTRACTOR.	 ALL WELDING SHALL FABRICATORS "FULLY SHOP TO HAVE A MI REQUIREMENTS OF C
	5. ENVIRONMENTAL WORK PROCEDURES, TIMING AND SPECIAL PRECAUTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND LIMITATIONS OF THE FEDERAL DEPARTMENT OF FISHERIES AND OCEANS, AND THE PROVINCIAL MINISTRY OF WATER, LAND AND AIR PROTECTION.	START OF WORK. 4. DESIGN FABRICATIONS
	 DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED. HORIZONTAL DATUM U.T.M. NAD 83. VERTICAL DATUM (ELEVATIONS AND CONTOURS) TO CHART DATUM (C.D.). TIDE ELEVATIONS AT THE SITE ARE BASED ON VALUES PUBLISHED BY THE CANADIAN HYDROGRAPHIC 	5. EXCEPT PARTS OF M ON THE DRAWINGS, / CISC/CPMA-1-73A ' CISC/CPMA-2-75 W SELECTED ENSURING SHALL BE HOT DIPPI TOUCH-UP ALL ABR/
	SERVICE (CHS) FOR BEDWELL HARBOUR, PENDER ISLAND AND ARE AS FOLLOWS:	6. ISOLATE ALUMINUM F BITUMINOUS PAINT. A
	HIGHER HIGH WATER, LARGE TIDE (H.H.W.L.T.) 5.1 METRES	7. DELIVER, STORE, HAN
	HIGHER HIGH WATER, MEAN TIDE (H.H.W.M.T.) 4.6 METRES MEAN WATER LEVEL (M.W.L.) 3.2 METRES	LOCATIONS, SECUREL
	MEAN WATER LEVEL (M.W.L.) 3.2 METRES	8. THE CONTRACTOR SH DESIGNED, INSTALLED AFTER THE INSTALLA
	LOWER LOW WATER, LARGE TIDE (L.L.W.L.T.) 0.1 METRES	9. ALL WELDS TO CONT
	10. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.	10. ALL STEELWORK SHA
	DEMOLITION:	TOUCH–UP SHOULD SATISFACTORY TO TH
	1. ALL UNSALVAGEABLE MATERIAL FROM SITE TO BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL REGULATIONS AT THE CONTRACTOR'S EXPENSE.	ENVIRONMENTAL CONSTRUC
	 USED TIMBER PILES REMOVED FROM SITE ARE TO BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL REGULATIONS AT THE CONTRACTOR'S EXPENSE. <u>TIMBER:</u> 	1. ENVIRONMENTAL WORK WITH THE REQUIREMEN ENVIRONMENT.
	1. ALL TIMBER SHALL BE PRESSURE TREATED NLGA NO. 1 COAST DOUGLAS FIR OR BETTER. LUMBER TO BE GRADED TO NLGA STANDARD GRADING RULES FOR CANADIAN LUMBER, 2003.	2. CONTRACTOR TO FOLL CONSTRUCTING DOCKS ISLAND), FISHERIES AND RELATED OPERAT
	2. TIMBER PILES TO BE SUPPLIED SIZE 36	2003", FOR ALL WORK
	3. ALL TIMBERS SHALL BE CUT TO THE REQUIRED LENGTH PRIOR TO TREATMENT. FIELD CUT TIMBERS WILL BE REJECTED AND REPLACED AT THE CONTRACTOR'S EXPENSE,	 SECTION 9 NOTIFICATI CONDITIONS OF MELP
	EXCLUDING CROSS BRACE DRILLING AT THE TOP CONNECTIONS. 4. TREATMENT TO BE IN ACCORDANCE WITH CSA 080:	5. CONTRACTOR MUST EN
	4.1. CATEGORY 3.2 EXPOSED TO WEATHER, NOT IN GROUND CONTACT. INCLUDING	DEVICES WHEN DRILLIN
	BULLRAILS AND RISERS.	6. ALL DEBRIS, SAWDUST CONTAINED AND PROM
	4.1.1. ACZA, 4.0kg/m³ 4.1.2. CCA, 4.0kg/m³	7. CONTRACTOR MUST HA NEAR THE WATER.
	4.2. CATEGORY UC 4.1 CONTACT WITH SPLASH ZONE. INCLUDING WHARF JOISTS. STRINGERS, FISH PLATES, PLYWOOD NOT COVERED UNDER UC5A, PILECAPS & BLOCKING.	8. WHEN GRINDING OR C NOT EXCEED THE ALL INCOMPLETELY CURED MONITORING SHALL BE
	4.2.1. ACZA, 6.4kg/m³ 4.2.2. CCA, 6.4kg/m³ 4.2.3. CREOSOTE: 4.2.3.1. 160kg/m³ IF THICKNESS LESS THAN 115MM	EVENT THAT THE LEVE BE INTRODUCED. THI PREVENT FISH FROM THE RUN OFF AND N
	4.2.3.2. 120kg/m ³ IF THICKNESS GREATER THAN OR EQUAL TO 115MM	9. SPILLS: WHEN PATCHI
	 4.3. USE CATEGORY UC5A, MARINE. INCLUDING WOOD PILES, PLYWOOD, CROSS BRACES, WALES. 4.3.1. ACZA, 30kg/m³ OR 4.3.2. CCA, 24kg/m³ OR 4.3.3. CREOSOTE 290kg/m³ 	ENTERING THE WATER. 10. WHENEVER THERE IS WILL MONITOR pH LEV 11.
	4.3.3.1. PENETRATION IN ACCORDANCE WITH 080	ABBREVIATIONS
	4.4. AFTER CUTOFF, TREAT PILE TOPS WITH TWO COATS OF HOT CREOSOTE OIL AND ONE COAT OF APPROVED MASTIC AT LEAST 6mm THICK.	CL. – CLEAR C – CENTRELIN
	4.5. ALL FENDER PILES TO BE COVERED A SHEET OF 24 GUAGE ANNEALED CORROSION RESISTANT ALUMINUM, CUT 300mm LARGER THAN THE PILE TOP.	CP. – COMPLETE C/W – COMPLETE
eine field	4.6. ALL DRILLED BOLT HOLES COMPLETED AFTER TREATMENT MUST BE FIELD TREATED WITH TWO COATS OF HOT CREOSOTE AND BOLTS/PLUGS MUST BE DIPPED IN CREOSOTE PRIOR TO INSTALLATION.	DWG. – DRAWING EL. – ELEVATION I.D. – INSIDE DIA LLH – LONG LEG LLV – LONG LEG
	4.7. PLUG ALL UNUSED BOLT HOLES WITH TIGHT FITTING CREOSOTE TREATED BOLTS, AND NEOPRENE GASKET AND WASHER EACH END.	MAX. – MAXIMUM MIN. – MINIMUM N.T.S. – NOT TO SO
	4.8. TIMBER HANDLING 4.8.1. ALL TREATED TIMBER AS TO NOT PUNCTURE THE TREATED LAYER. ANY MEMBERS IDENTIFIED AS BEING DAMAGED THROUGH THE TREATED LAYER EITHER PRIOR TO OR DURING INSTALLATION WILL BE REJECTED AT THE EXPENSE OF THE CONTRACTOR.	OPP. – OPPOSITE PL – PLATE R – RADIUS SIM. – SIMILAR S.S. – STAINLESS
	4.9. ALL SHIMS MUST BE CREOSOTE TREATED PLYWOOD AND MUST BE SECURED IN PLACE BY AT LEAST TWO (2) NAILS AT OPPOSITE CORNERS OF THE SHIM OR APPROVED EQUIVALENT	T.O. – TOP OF TYP. – TYPICAL U/S – UNDERSIDE U.N.O. – UNLESS N WP – WORK POIL
	5. PROPOSED ALTERNATIVES TO THE SUPPLIED DESIGN TO BE APPROVED BY ENGINEER.	
	 6. PILE DRIVING 6.1. PILES ARE TO BE DRIVEN TIP DOWN UNTIL A DRIVING ENERGY OF 25-30 kJ IS ACHIEVED OR TO REFUSAL (5 BLOWS / 25mm). 6.2. DRIVE TO THE FOLLOWING TOLERANCES 6.2.1. LOCATION OF PILES: 25mm ± 	
	6.2.2. VERTICAL TOLERANCE: 2% OR 1:50 7. PILE REPLACEMENT	
	7.1. EXISTING PILES TO BE REPLACED SHALL BE FULLY EXTRACTED 7.2. REPLACEMENT PILES TO ACHIEVE A MINIMUM PENETRATION EQUAL TO THAT OF THE REMOVED PILE AND TO SATISFY THE PILE DRIVING CRITERIA NOTED ABOVE.	
	ISSUES No. DATE 1117.MM.00 ISSUED FOR No. DATE 1117.MM.00 ISSUED FOR No. DATE 1117.MM.00 ISSUED FOR	SUB CONSULTANT
	A 2018.12.17 CLIENT REVIEW B 2019.02.15 REPORT	
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OTHERWISE BY THE ENGINEER IN WRITING THE STEEL AND/OR ALUMINUM FABRICATOR SHALL IGINEER WITH SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL ETAILS, MATERIAL SPECIFICATIONS AND DESIGN LOADS.

FABRICATOR'S CANADIAN WELDING BUREAU CERTIFICATES SHALL BE INCLUDED WITH THE SUBMISSION.

HALL BE IN ACCORDANCE WITH CSA W59-03 (R2008) AND SHALL BE PERFORMED BY ULLY APPROVED" BY THE CANADIAN WELDING BUREAU UNDER CSA W55.3-08. FABRICATING A MINIMUM DIVISION 2.1 CERTIFICATION BY THE CANADIAN WELDING BUREAU TO THE OF CSA W47.1 (STEEL). THE FABRICATOR SHALL SUBMIT PROOF OF CERTIFICATION PRIOR TO

TIONS TO CSA-S16-09, LIMIT STATES DESIGN OF STEEL STRUCTURES.

OF MEMBERS TO BE EMBEDDED IN CONCRETE, GALVANIZED OR UNLESS NOTED OTHERWISE GS, ALL STEEL WORK SHALL BE SHOP PRIMED. PRIMING SHALL BE IN ACCORDANCE WITH 73A "QUICK DRYING PRIMER" WHEN NO TOP COAT IS REQUIRED AND IN ACCORDANCE WITH 75 WHEN A TOP COAT IS SPECIFIED. IF A TOP COAT IS SPECIFIED THE PRIMER SHALL BE RING COMPATIBILITY WITH THE SPECIFIED SYSTEM. ITEMS SPECIFIED TO BE GALVANIZED DIPPED GALVANIZED TO ASTM A-123-08, MINIMUM ZINC COATING OF 600G/SQ.M. FIELD ABRASIONS, SCRATCHES, WELDS OR BOLTS

UM FROM DISSIMILAR METALS EXCEPT STAINLESS STEEL, ZINC OR WHITE BRONZE WITH NT. ALL FASTENERS TO BE COMPATIBLE WITH THE MATERIALS THROUGH WHICH THEY PASS.

HANDLE AND PROTECT MATERIALS FROM DAMAGE. INSTALL PLUMB AND TRUE IN EXACT URELY FASTENED TO THE BUILDING STRUCTURE AS DETAILED.

R SHALL PROVIDE TEMPORARY BRACING DURING CONSTRUCTION. THE BRACING SHALL BE LLED AND MAINTAINED BY THE CONTRACTOR. THE BRACING SHALL BE REMOVED ONLY ALLATION IS COMPLETE.

CONTINUOUS SEAL WELDS.

SHALL BE COATED PRIOR TO DELIVERY TO THE SITE WHERE POSSIBLE. ONLY FIELD OULD BE REQUIRED. IF IT IS NECESSARY TO FIELD PAINT, CONTAINMENT MEASURES THE ENGINEER SHALL BE IN PLACE BEFORE PREPARATION AND PAINTING COMMENCE

STRUCTION REQUIREMENTS:

WORK PROCEDURES, TIMING AND SPECIAL PRECAUTIONS SHALL BE IN ACCORDANCE EMENTS OF FISHERIES AND OCEANS CANADA AND THE PROVINCIAL MINISTRY OF

FOLLOW THE REQUIREMENTS OF THE "BEST MANAGEMENT PRACTICES FOR OCKS AND FLOAT IN THE SOUTH COAST AREA (SUNSHINE COAST – VANCOUVER ES AND OCEANS CANADA", AND "BEST MANAGEMENT PRACTICES FOR PILE DRIVING ERATIONS – BC MARINE PILE DRIVING CONTRACTOR'S ASSOCIATION, NOVEMBER WORK ON THIS PROJECT.

ICATION AND DFO APPROVAL REQUIRED.

IELP AND DFO APPROVALS TO BE FOLLOWED.

T EMPLOY METHODS TO MITIGATE HARM TO FISH AND USE DEBRIS CONTROL RILLING OR WORKING OVER WATER.

DUST AND SHAVINGS FALLING INTO THE WATER CAUSED BY THE WORK SHALL BE PROMPTLY CLEANED UP AND PROPERLY DISPOSED OF.

HAVE EMERGENCY SPILL EQUIPMENT AVAILABLE WHENEVER WORKING ON OR

OR CORING CURED CONCRETE, THE DUST AND FINES ENTERING THE WATER MUST ALLOWABLE LIMIT FOR SUSPENDED SOLIDS. WHEN GRINDING GREEN OR IRED CONCRETE AND THE DUST OR FINES ARE ENTERING THE WATER, pH BE CONDUCTED TO ENSURE ALLOWABLE RANGES ARE MAINTAINED. IN THE LEVELS ARE OUTSIDE THE ACCEPTABLE RANGES, PREVENTATIVE MEASURES SHALL THIS MAY INCLUDE INTRODUCING SILT CURTAINS TO CONTAIN THE SOLIDS AND ROM ENTERING A CONTAMINATED AREA OR CONSTRUCTING CATCH BASINS TO COVER ND NEUTRALIZING IT PRIOR TO DISPOSAL.

TCHING CONCRETE, ALL SPILLS MUST BE CONTAINED AND PREVENTED FROM TER.

DRAFTED

DESIGNED

DESIGN REVIEW

SPS

CDW

IS THE POSSIBILITY OF CONTAMINANTS ENTERING THE WATER, THE CONTRACTOR LEVELS TO ENSURE ACCEPTABLE LEVELS.

RELINE PLETE PENETRATION LETE WITH

TION DIAMETER LEG HORIZONTAL LEG VERTICAL

TO SCALE

LESS STEEL

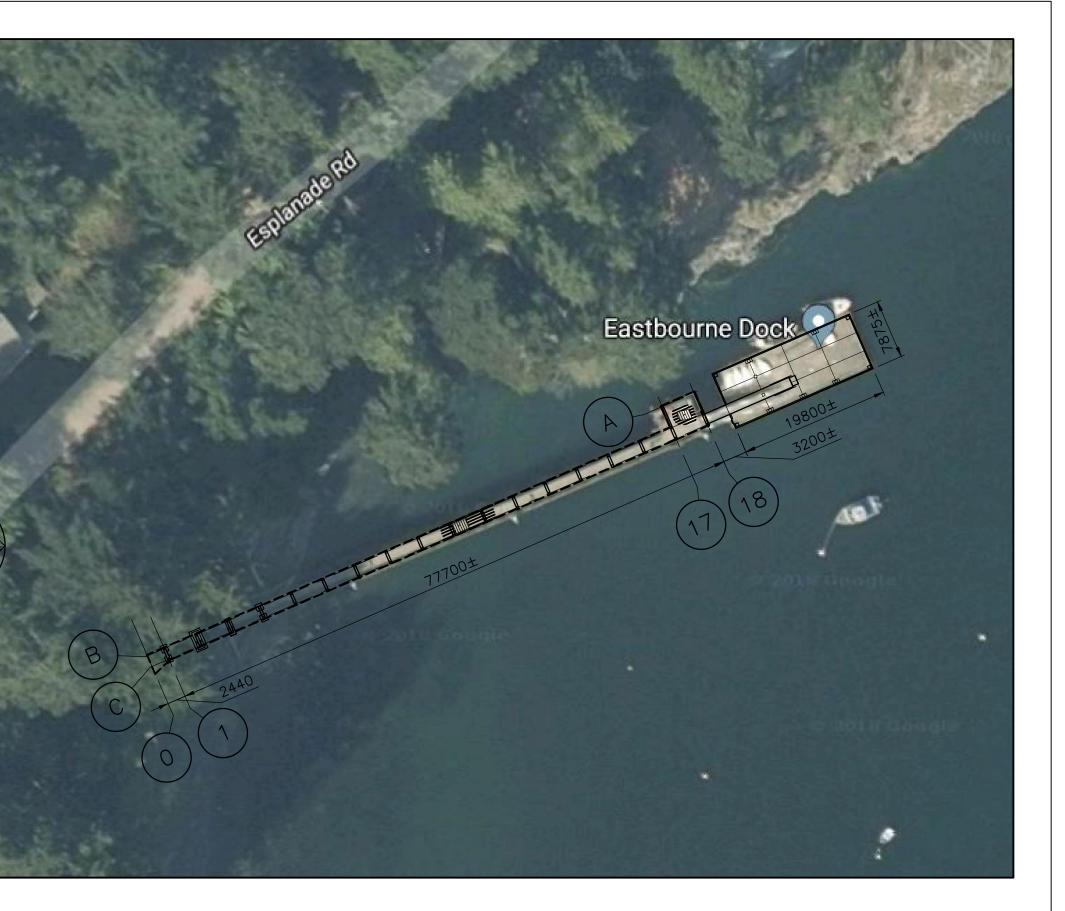
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ENGINEERS SEAL

EASTBOURNE: **GENERAL NOTES** AND KEY PLAN

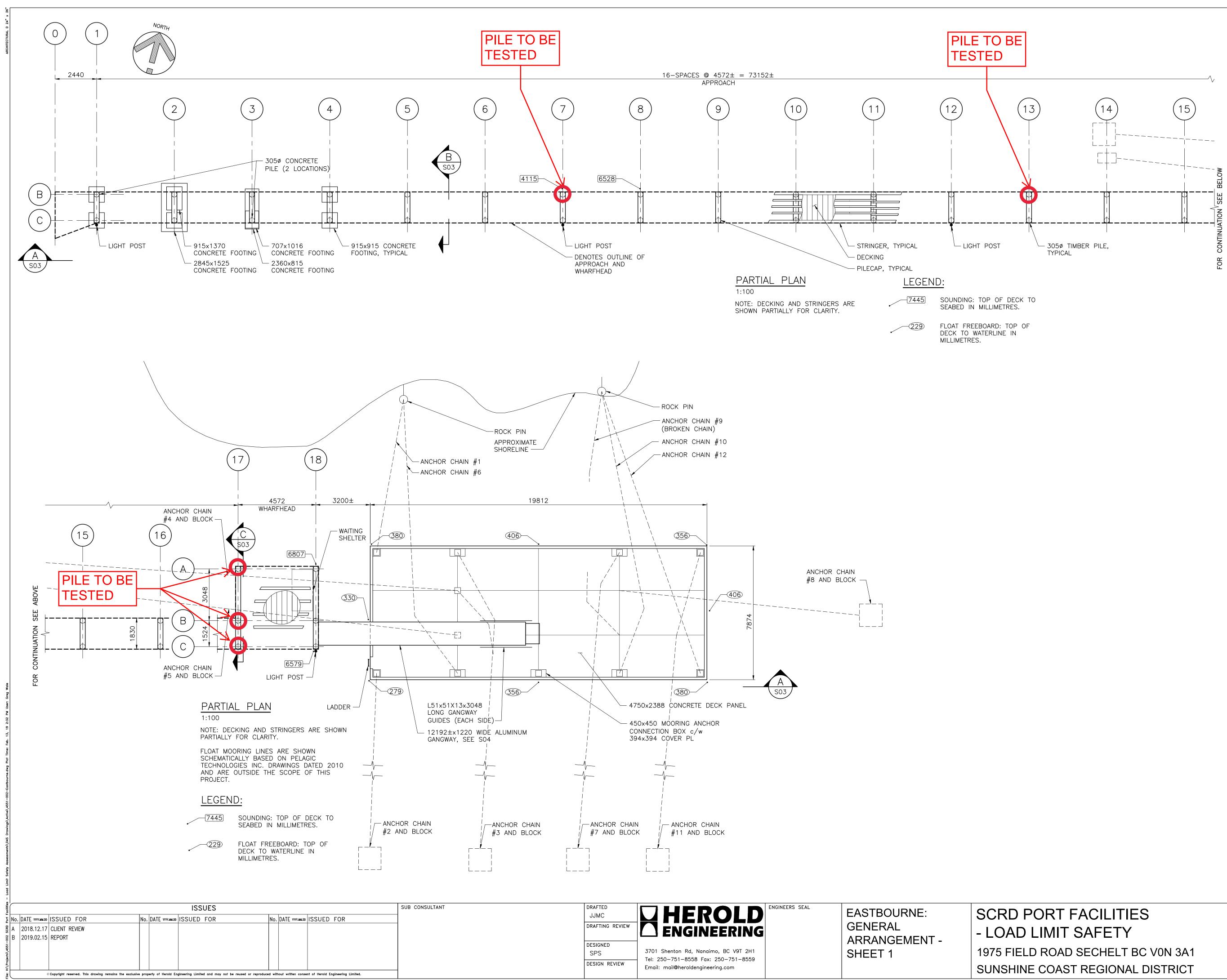


<u>key plan</u> 1:500

ISSUED FOR REPORT

NOT FOR CONSTRUCTION				
	HEL PROJECT No.	CLIENT DWG. N	10.	
	4551-002	N/A		
	SCALE	PERMIT No.		
	AS SHOWN	N/A		
	HEL DRAWING No.		REVISION	
	S01		В	
STRO	ALL DRAWINGS SHOWING	PREVIOUS REV	/ISION	

SCRD PORT FACILITIES - LOAD LIMIT SAFETY 1975 FIELD ROAD SECHELT BC VON 3A1 SUNSHINE COAST REGIONAL DISTRICT



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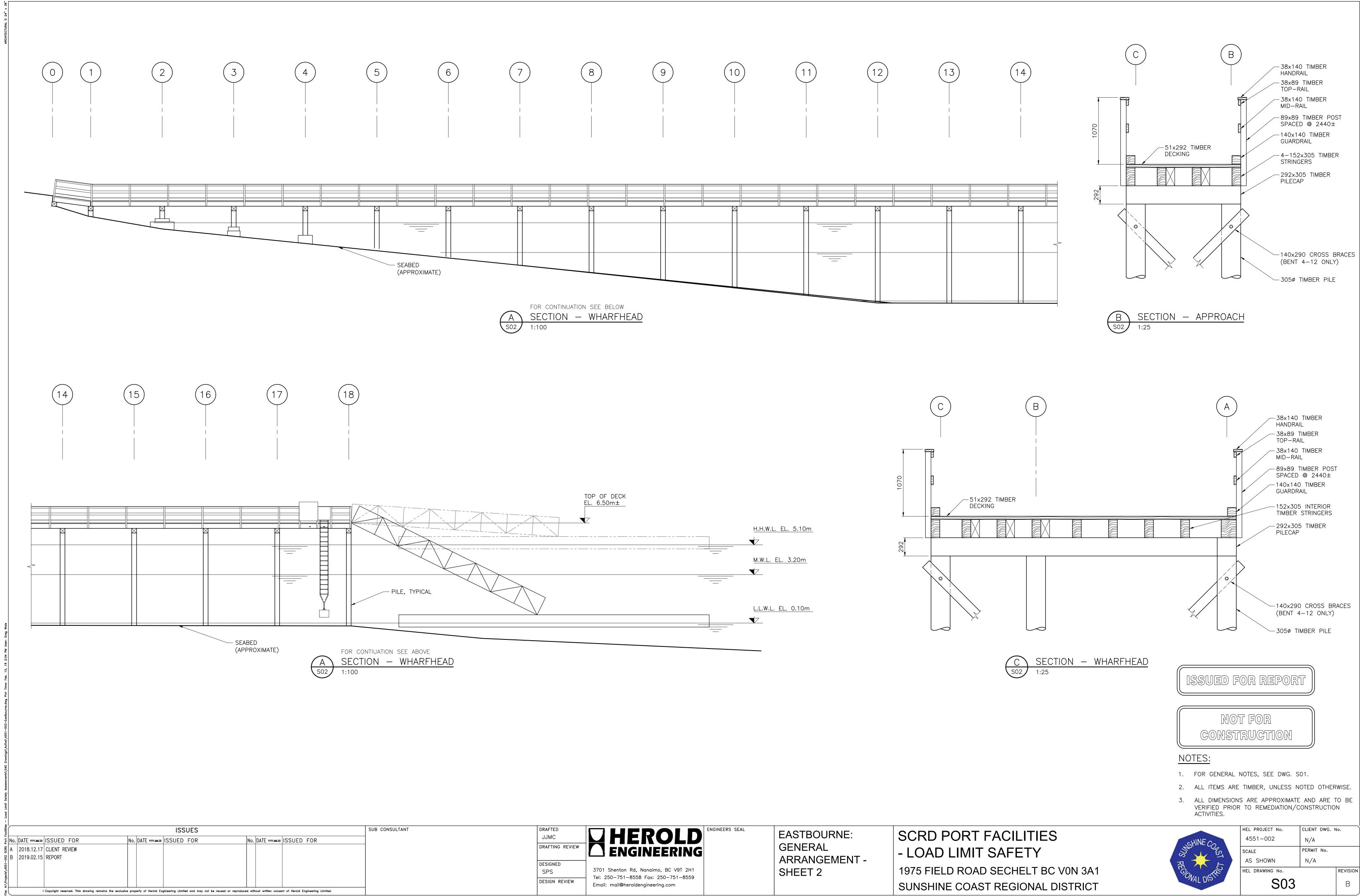
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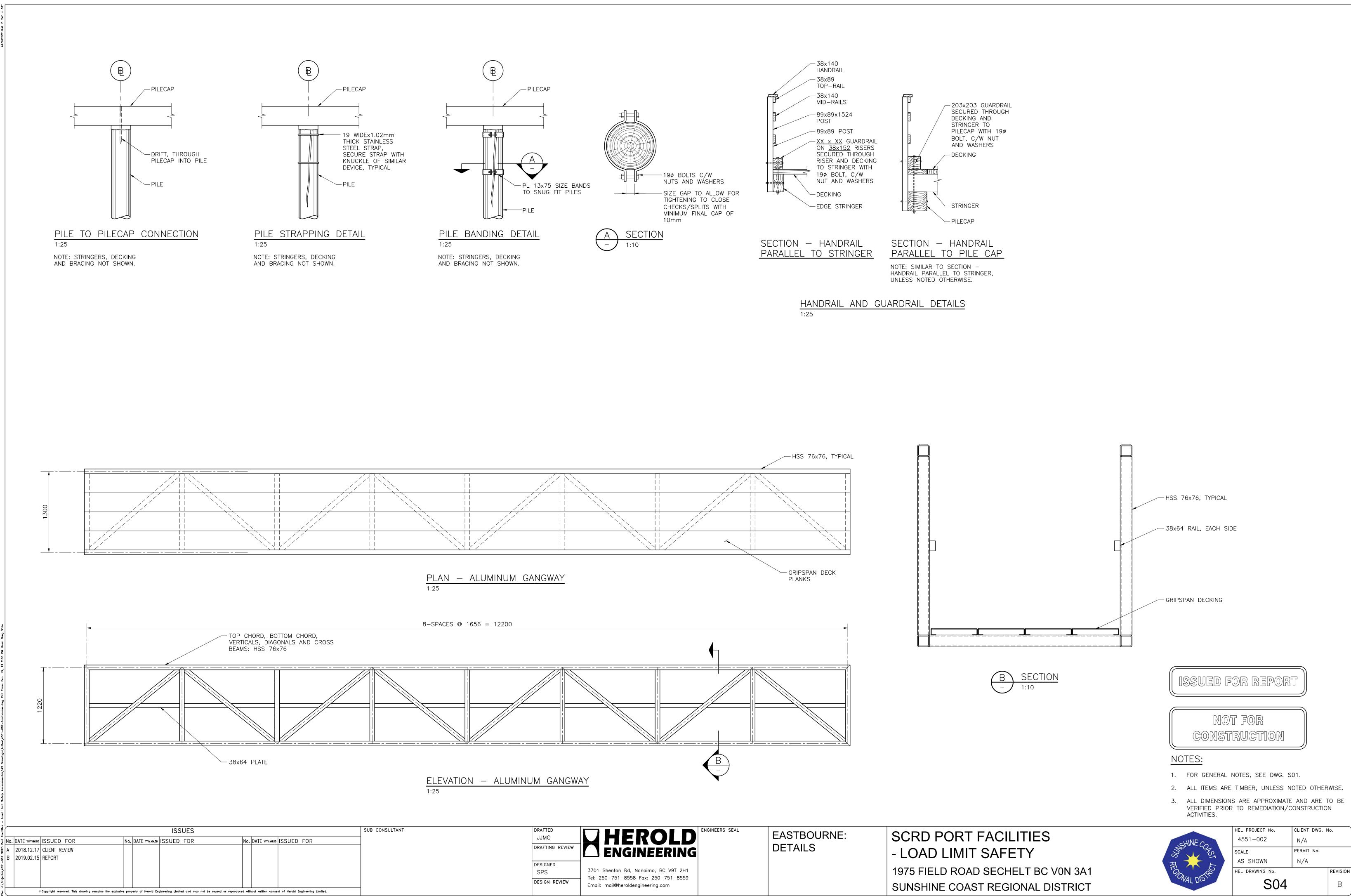
NOTES:

- 1. FOR GENERAL NOTES, SEE DWG. SO1.
- 2. ALL ITEMS ARE TIMBER, UNLESS NOTED OTHERWISE.
- 3. ALL DIMENSIONS ARE APPROXIMATE AND ARE TO BE VERIFIED PRIOR TO REMEDIATION/CONSTRUCTION ACTIVITIES.

CLIENT DWG. No. HEL PROJECT No. 4551-002 N/A PERMIT No. SCALE AS SHOWN N/A HEL DRAWING No. REVISION S02

DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION





DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION