

ELEVATION
SCALE 1:250

NOTES:

GENERAL

- DESIGN IN ACCORDANCE WITH AS4997 - GUIDELINES FOR THE DESIGN OF MARITIME STRUCTURES EXCEPT FOR M-LOCK DECK UNITS.
- ALL LEVELS TO AHD UNO. AT SITE 0.000m CD (LWD) = -1.030m AHD.
- DESIGN LIFE = 40 YEARS

DESIGN LOADS

- CLASS 5 MARITIME STRUCTURE TO AS4997
- WIND LOADS TO AS4997 & AS1170.2
- DESIGN WAVE HEIGHT OF 5.6m WITH A CREST LEVEL OF RL. 0m CD. DESIGN WATER LEVEL RL. 12m CD

CONCRETE

- EXPOSURE CLASSIFICATION - C2
- CAST IN PLACE CONCRETE UNO : GRADE S4.0 COVER 75mm

3. PRECAST CONCRETE -

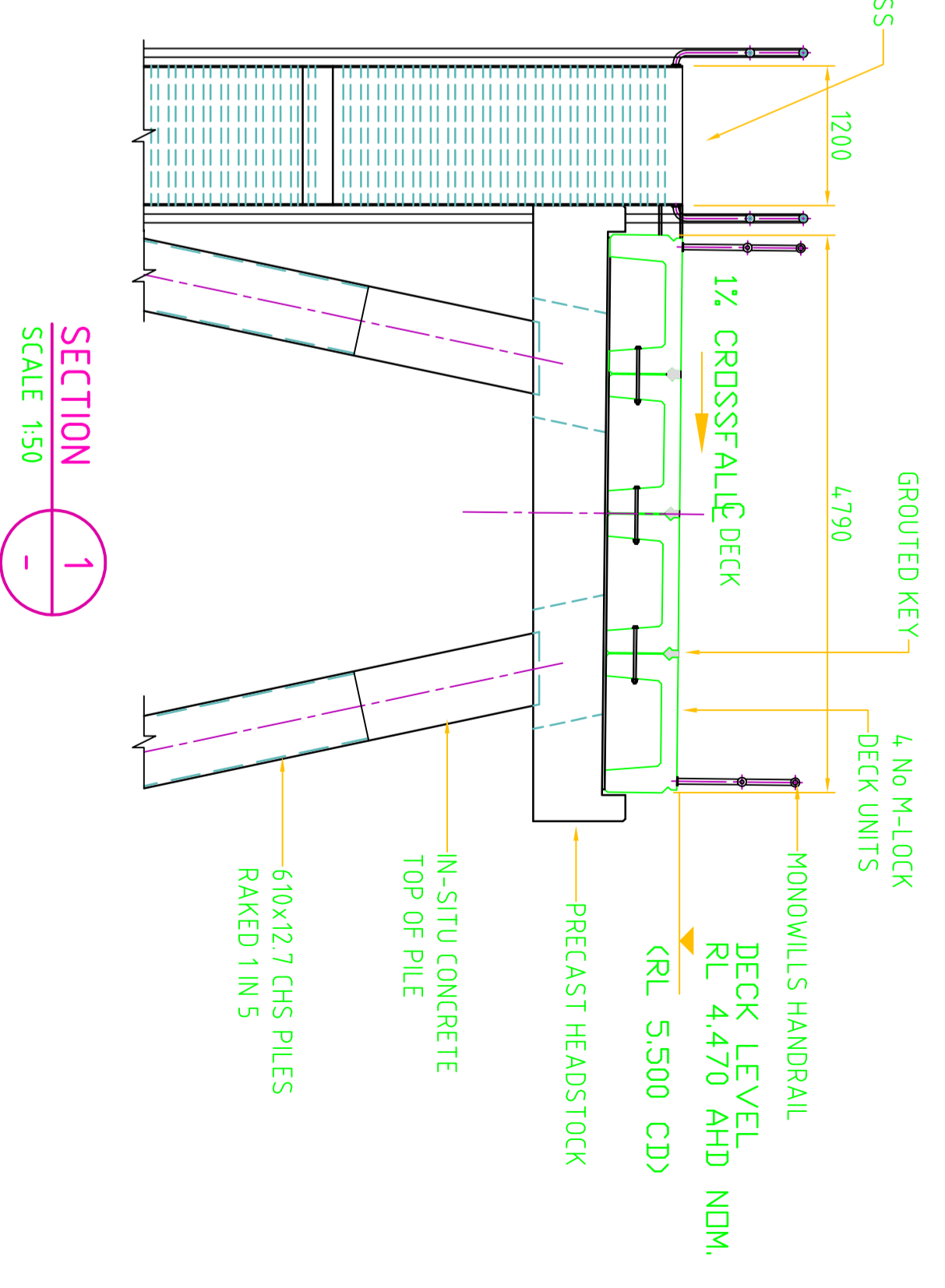
- M-LOCK UNITS :
- DECK UNITS & CONNECTIONS ARE PART OF A PROPRIETARY SYSTEM. DESIGN OF WHICH IS BY OTHERS. REFER RCCLA DRAWINGS FOR DETAILS.
- CONCRETE MIX IS TO A PERFORMANCE SPECIFICATION TO ACHIEVE A 4.0 YEAR DESIGN LIFE WITH 35mm COVER

HEADSTOCKS:

- GRADE S50
- COVER - TO EXTERNAL FACES = 60mm
- TO INTERNAL VOIDS = 30mm
- 4. ALL EXTERNAL CORNERS SHALL HAVE 20mm CHAMFER UNLESS SHOWN OTHERWISE
- 5. ALL REINFORCEMENT TO BE GRADE D5000 TO AS/NZS4671
- 6. ALL LAPS TO BE STAGGERED & A MINIMUM OF 36 BAR DIA UNO.
- 7. ALL BENDS, HOOKS & COGS TO BE IN ACCORDANCE WITH AS3600.
- 8. SPIRALS TO BE SPLICED BY WELDING OR MECHANICAL MEANS ONLY.
- 9. PLASTIC BAR CHAIRS NOT TO BE USED. CONCRETE PREFERRED

STEELWORK

- PILES TO BE GRADE 350
- CORROSION ALLOWANCE - INTERNAL PERIMETER = 0.08mm/YR
- EXTERNAL PERIMETER = 0.08mm/YR
- ALL WELDING SHALL BE SP CATEGORY TO AS/NZS1554, PART 1
- ALL WELDS SHALL BE PREQUALIFIED IN ACCORDANCE WITH CLAUSE 4.3 & SUBJECT TO VISUAL INSPECTION
- ALL WORK IN ACCORDANCE WITH CLAUSE 6.2 OF AS/NZS1554, PART 1
- ALL CORNERS OF EXPOSED EDGES ON STEEL PLATES TO BE ROUNDED TO A RADIUS OF 2mm
- DIVERS PLATFORM TO BE MARINE GRADE ALUMINIUM.



SECTION 1-1
SCALE 1:50

DESCRIPTION	NO.	DATE	RESP. AUTHORISED FOR E.D.	TOD. AMENDMENTS APPROVED FOR E.D.	TS/A. DATE	TECH. DETAILS FOR E.D.	CONSTRUCTED DATE
AMENDMENTS							

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Drawn	Checked	Verified	Approved	Date
H. BENNIE	B. JENNINGS	H. J. T.	H. J. T.	01/07

Job No. 21878-02
Issue 01

FILE NAME : 2-6763-082.DWG
DIRECTOR : WAVE/18-082/STRUC

INDEX/LOCALITY	DATE
GEOM. LAYOUT	
SURFACE LAYOUT	
LONG. SECTION	
CROSS SECTIONS	
DRAINAGE	
SERVICES	
SURVEY MARKS	
MED. IS. S/BRS.	
PAVE'T. MARKING	
SIGNS	
LIGHTING	
T. CONTROL LAYOUT	
T. CONTROL INST.	
T. SECTION, JUNC.	
TRAFFIC SIGS.	
P.A.C./S. XING.	
DUCT LOCATION	
TREE REMOVAL	
VEG. SURVEY	
LANDSCAPE	

DESIGN	APPROVED FOR CONSTRUCTION
DRAWN	
CHECKED	
PROOF CHECKED	
DTEI CONTRACT	

PRELIMINARY DESIGN

NEW RAPID BAY JETTY

RAPID BAY FLEUREU PENINSULA ELEVATION & NOTES

PROJECT START : RRD.
PROJECT END : RRD.
PROJECT NO SURVEY
PROJECT NO SURVEY

AMEND SHEET 002 DRG 2-6763