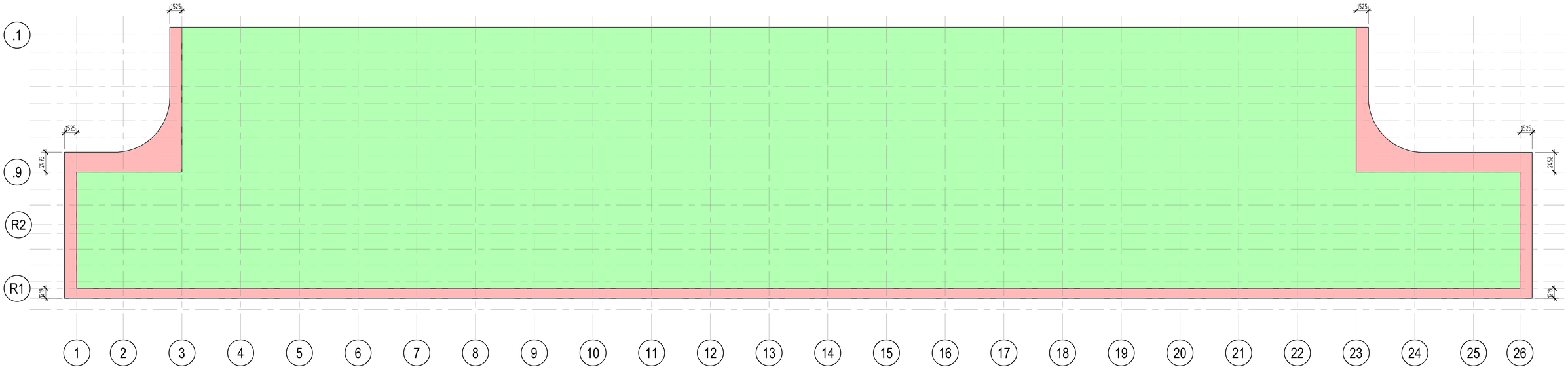
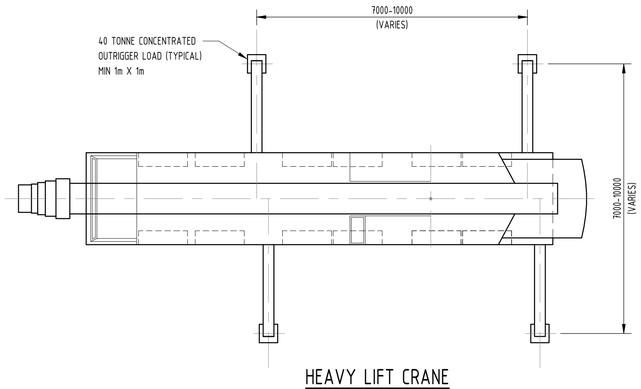


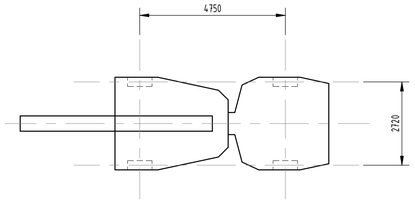
BERTH 3 LOADING DIAGRAM

SCALE 1 : 250

BERTH 3 GENERAL LOADING ALLOWANCES:
- STACKED LOAD 3400 kg/m^2
- OPERATING MOBILE CRANE WITH MAX. 40T OUTRIGGER LOAD. OUTRIGGER LOAD TO BE SPREAD OVER A 1.2m X 1.2m FOOTPRINT
- FRANA CRANE WITH MAX 46.8t AXLE LOAD.
- FORKLIFT WITH MAX 32t AXLE LOAD.
- LIVE LOAD ALLOWANCE 1000kg/m^3 - FRANA CRANE PROHIBITED - FORKLIFT PROHIBITED - CRANE OUTRIGGER NOT TO BE POSITIONED IN THIS ZONE.

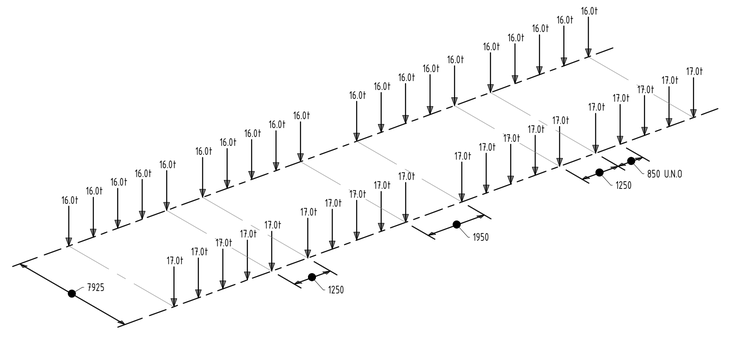


HEAVY LIFT CRANE



MOBILE CRANE

MAXIMUM AXLE LOAD (WITH LOAD) = 46.8t
MAXIMUM AXLE LOAD (WITHOUT LOAD) = 12t



SHIPLOADER LOAD PLAN

TRAFFIC LOADS:	
VEHICLE	DYNAMIC FACTOR
W80 WHEEL LOAD	1.1
A160 AXLE LOAD	1.1
M1600 MOVING LOAD	1.1
S1600 STATIONARY TRAFFIC LOAD	1.0
AUSTROADS T44 TRUCK	1.25
ROAD TRAIN	1.25
6 AXLE CRANE, 12T PER AXLE	1.1
16T FORKLIFT, MAX 32t AXLE LOAD	1.25
25t TEREX FRANNA CRANE	1.1
NOTE: FOR WHEEL ARRANGEMENT REFER TO DRG S701	

BOLLARDS
TYPICAL CAPACITY - 80t - FROM -15° TO 45° TO HORIZONTAL - 180° ARC AROUND SEASIDE OF BERTHING LINE

NOTE:

1. ALLOWANCE FOR 2 LANES OF TRAFFIC ON THE WHARF. BRAKING LOAD OF 0.45 x M1600 LOAD.
2. TRAFFIC LOADS AND STACKED LOAD MIN 5m CLEAR DISTANCE FROM CRANE OUTRIGGERS CENTRELINE AND SHIPLOADER JACKING LOADS.
3. REFER TO PORT HEDLAND BERTH 3 DECK AND FENDER REPLACEMENT BASIS OF DESIGN REPORT FOR MORE INFORMATION.
4. THIS LOAD RATING PLAN IS FOR NEW CONCRETE SLAB ONLY CONSTRUCTED 2018/2019, NOT FOR THE EXISTING CONCRETE SLAB.

AS BUILT



When sheet printed full size, the scale bar is 1:1 (100mm).

0 50 100mm

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REV.	DATE	DESCRIPTION	DRAFT.	ENG.	CHKD.
Ø	20.12.18	ISSUED FOR CONSTRUCTION	LV	JG	BM
1	27.11.19	AS BUILT	LV	JG	BM

REVIEWER TO COMPLETE

COMPANY: .....

NAME: .....

SIGNED: .....

DATE: .....

THIS DRAWNG HAS BEEN REVIEWED FOR GENERAL COMPLIANCE WITH REQUIREMENTS OF THE CONTRACT AND IS ISSUED FOR STATUS APPROVAL

PILBARA PORTS AUTHORITY

PPA DOC. REFERENCE NUMBER: A650114

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PORT HEDLAND BERTH 3
DECK & FENDER REPLACEMENT

LOAD RATING PLAN

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A1	DRAWING NUMBER Job Number		Sheet No.	Rev.
Design BM	Drawn LV	PER170822	S003	1