LEVEL 17 **DESIGN NOTES** DESIGN IS BASED ON THE USE OF CRANE DECKS 2800mm WIDE LOAD BAY MAXIMUM ALLOWABLE LOADS LOAD BAYS MAXIMUM ALLOWABLE LOAD SWL REFER TO TABLE 2500 kg 5000 kg 4000 kg 3200 kg SWL MAXIMUM OUTBOARD REFER TO TABLE OUTBOARD 4500 mm 5000 mm 5250 mm 4750 mm ONLY ONE LOAD BAY TO BE USED AT ONE TIME **FULCRUM** BACKPROPPING BASED ON ENGINEER'S SLAB CAPACITY OF 3.5 kPa FOR BALCONIES LEVEL 16 REACTION 74.5 kN 65.7 kN 58.9 kN 53.0 kN AND 2.5 kPa FOR SLABS LOAD/RAIL BACKPROPPING LAYOUT IS BASED ON THE MAXIMUM POSSIBLE LOADS APPLIED BY THE LOAD BAY F (H)GLEVEL 15 - 2x PERI MP 350 MULTIPROPS ON - LOAD BAYS NOT IN USE 30+70 OUTSIDE OF RAILS. TO BE RETRACTED LOAD BAY LOCATION L5.4 LEVE! ; MAXIMUM SWL 5000kg NO PROPPING NEXT TO WALL REQUIRED - MATERIALS LANDED IN THE CENTRE OF THE LOAD BAY CW.6 30+70 450 FOLD TYP. U.N.O ا VEL 13 عـ LEVEL 8 4500mm OUTBOARD 4500 FOR MAX LOAD OF TC.13 EXCL YON JNE FOR HEAVY 5000kg PADS (CKED MATERIALS) DIF C YUND, THE LOAD BAYS OI FAL BACKI OPPED LEVEL - ONLY ONE LOAD PLAN - LEVEL 4 TO 15 LEVEL 12 LEVEL 7 BAY TO BE USED AT ONE TIME (H)G 2x PERI MP 350 MULTIPROPS ON TC.9 - PROPPING CLUSTER WILL NEED EACH SIDE OF LOAD BAY ON TO BE 2x PERI MP 350 OUTSIDE OF RAILS. MULTIPROPS ON EACH SIDE OF LEVEL 6 LEVEL 11 THE LOADING BAY ON OUTSIDE OF RAILS. REFER TO PLAN FOR **PROP LOCATIONS** \$10-16.6 4 FLOORS OF 200 BACKPROPPING REQUIRED LEVEL 10 LEVEL 5 MAXIMUM SWL 5000kg TC.19 . 4 - FIX PROPS TO SLAB WITH 2x M8 ANCHOR 30+70 LOAD BAY LOCATION SCREWS TO PREVENT TOPPLING OF PROPS 5 450 FOLD TYP. U.N.O PERI MULTI PROP MUST HAVE INNER TUBE AT THE BOTTOM LEVEL 9 4500 LEVEL 4 PLAN - LEVEL 16 TO 25 NO BACKPROPPING REQUIRED BELOW LEVEL 4 NO BACKPROPPING REQUIRED LEVEL 8 **TYPICAL SECTION - TOWER PROPPING** THE INFORMATION DEPICTED IN THIS DRAWING IS APPLICABLE FOR THIS PROJECT ONLY COPYRIGHT - The document is and shall APPR: PROJECT: EV DATE AMMENDMENT/ISSUE remain the property of CONSTRUC Pty TEMPORARY WORKS Ltd. The document may only be used for **HUTCHINSON** JOB No. the purpose for which it was LOAD BAY BACKPROPPING commissioned and in accordance with BUILDERS the terms of engagement. All OWG No. nauthorised use of this document in any GENERAL ARRANGEMENT Office 2, 197 Murarrie Road, Murarrie, QLD 4172 form whatsoever is prohibited ©. Ph: (07) 3343 5561 - Email: admin@construc.com.au