



Package Six – Escalator Installation Work Methodology

Listed below is the work methodology for the escalator installation between level +30 and +42.

John Holland have investigated the way in which we propose to carry out the works whilst ensuring minimal disturbance to Opera House patrons.

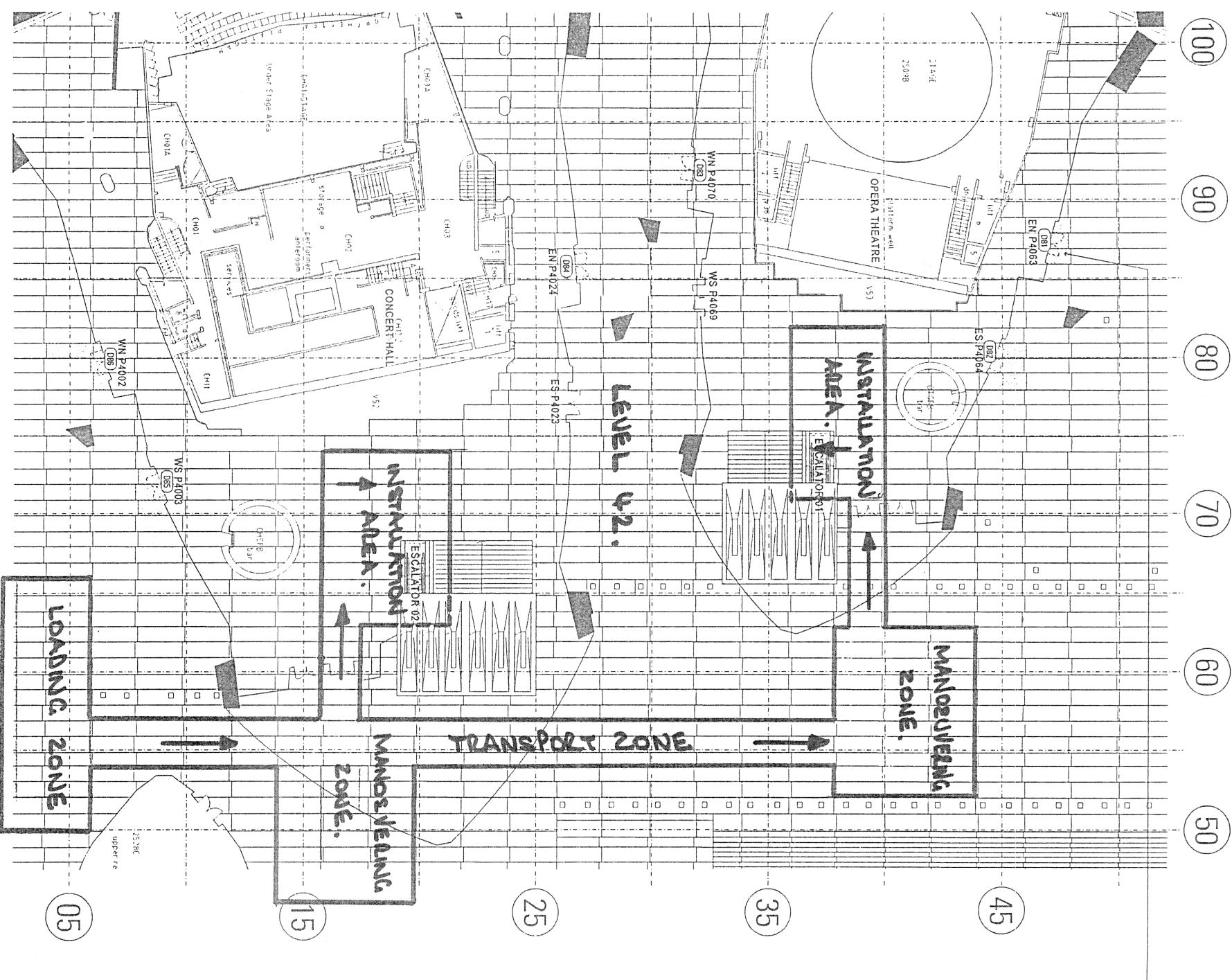
In consultation with the Opera House, a hoarding will be required to be designed to close off the work areas. We believe it would be an advantage to be able to leave a pedestrian corridor on the opposite side of the stair case to where the escalator works are being conducted. This would allow the patrons of the SOH to gain access to the +42 level. This can be seen on our attached sketch.

Prior to each nights work, plywood protection will be placed on the existing pre cast floor panels to ensure no damage. At the completion of the work session, the plywood protection will be removed and stored for the following work session. John Holland has allowed to clean the area at the end of each work session.

The Escalators will be craned onto the western level 42 external precast concourse with a crane located outside the new loading dock. The escalators will then be moved into the Opera Theatre Southern Foyer and Concert Hall Southern Foyer through the southern glazed bronze doors. The doors will be removed prior to installation along with the adjacent side vision panel to facilitate access into the foyers. Plywood protection will be laid on the precast both externally and internally and around the door frames to ensure no damage occurs.

Internally to the foyers the handrails and food and beverage bars will need to be removed whilst installation is carried out. We have allowed to install a framing system to facilitate the lowering of the escalators into position. A combination of forklifts at level +42 and level +30 will lower the escalators into place utilising the frame to suspend the escalators underneath the dolphin canopy whilst pulling the escalators down towards the Box Office.

On completion of each escalator installation the hoarding, handrails and catering bars would be reinstated, doors replaced and protection removed.



01 LEVEL +042 SOUTHERN FOYER DOOR NICHE PLAN

SCALE 1:200

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