

Halcrow MWT

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Mr Robert Lee
Thiess Pty Ltd
Gate 1, Herbert Street
Building 21, Royal North Shore Hospital
ST LEONARDS NSW 2560

27 October 2009

Dear Robert,

Re: RNSH Community Facility Car Park and Loading Dock– Compliance Report

As requested we have undertaken a review of the drawings received on 22 October 2009 for vehicle circulation of the proposed car park and loading dock operation of the Community Facility to assess whether they are in accordance with AS2890.1. Our findings of the review are listed below.

Findings

Ground Level – Loading Dock

As requested we have tested a 6.4m Small Rigid Vehicle (SRV) servicing the loading dock. **Figures 1 and 2** indicate that a SRV could satisfactorily enter and exit the access in a forward direction.

Basement Level – Car Park

The layout of the car park, including vehicle circulation aisle and parking spaces generally complies with AS2890.1 Class 3 for car parking at hospitals and medical centres.

The dimension of an accessible parking space (i.e. space number 6) complies with Australian Standard. It is advised that any vehicular path of travel to/from an accessible parking space should have a headroom clearance of 2.3m with 2.5m above each space.

Figure 3 shows the swept path plot for a B99 and B85 vehicles turning at the bottom of the ramp. The figure indicates that the swept paths are in compliance with the Australian Standard. However, it is recommended that mirrors be installed at this point to improve sight distances and enhance vehicle circulation.

The basement car park does not have a formal turn around area, although as shown in **Figure 4** B99 vehicle could turn around at the end of the aisle. Therefore, unless these spaces are to be individually allocated, it is recommended that a monitoring system with a "CAR PARK FULL" sign display be installed in the driveway to indicate when the car park is full.

Conclusions

In conclusion, it is considered that the proposed car park and loading dock is satisfactory for its intended use and complies with the relevant specification of AS2890.1.

Should you have any queries regarding the above or require further information, please do not hesitate to contact the undersigned.

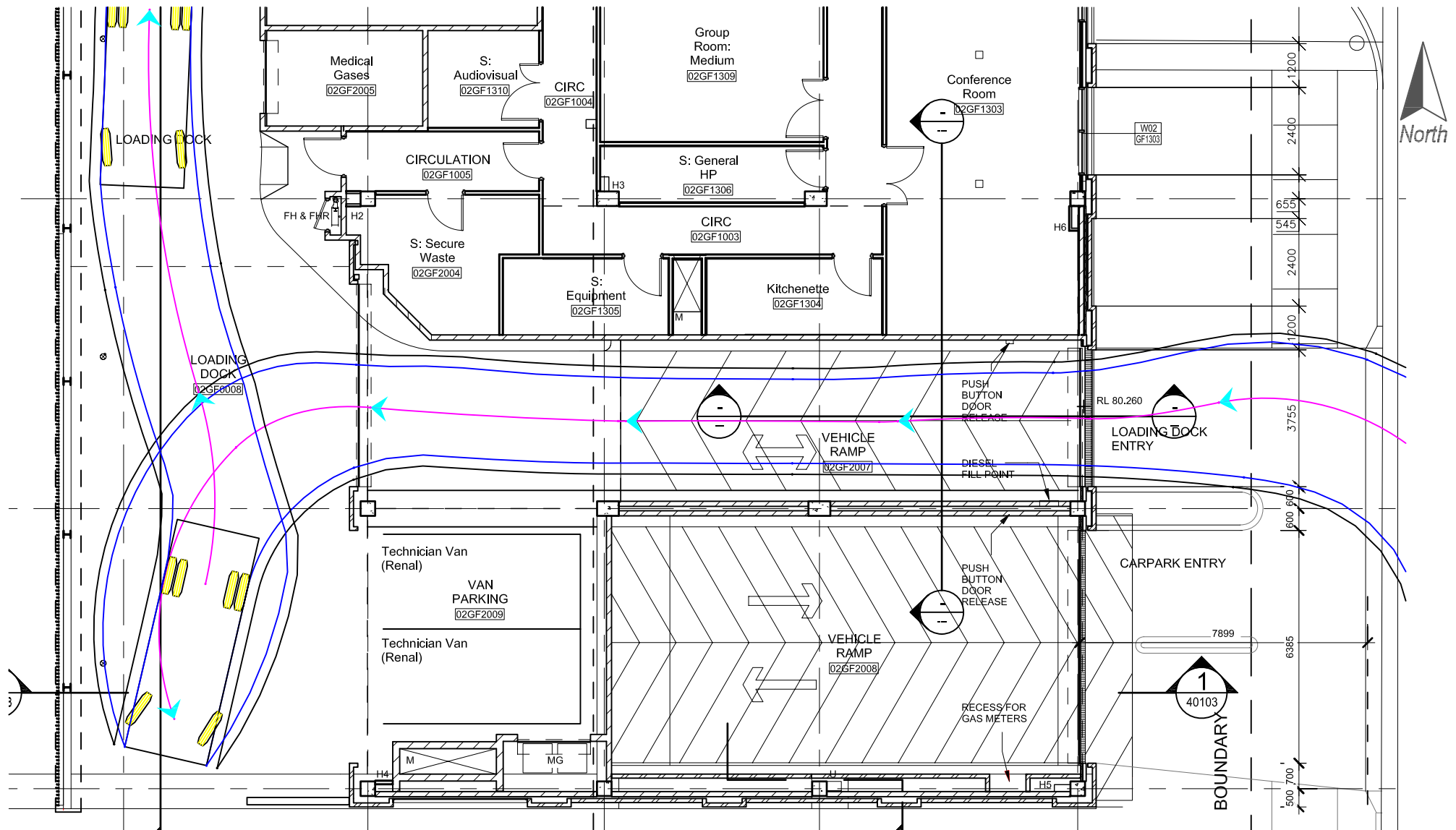
Yours sincerely

A handwritten signature in black ink, appearing to read 'B Masson', with a long horizontal flourish extending to the right.

Bruce Masson
Director Transport Planning

6.4M SRV ENTERING THE LOADING DOCK

ROYAL NORTH SHORE HOSPITAL



Scale: 1:150@A4

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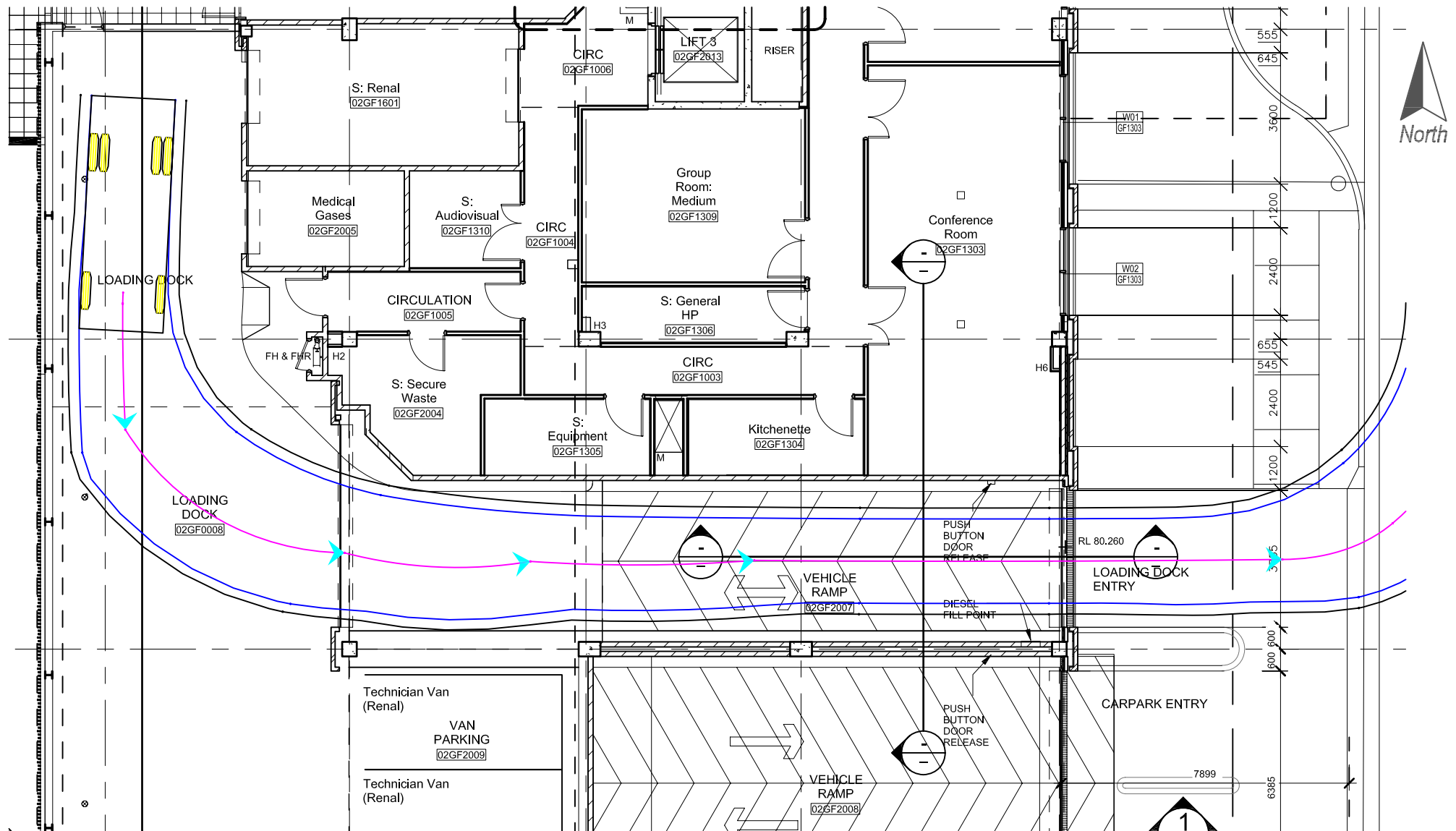
Filename: CTLXBDa02 Ground

Figure 1

Date: 26 October 2009

6.4M SRV EXITING THE LOADING DOCK

ROYAL NORTH SHORE HOSPITAL



Scale: 1:150@A4

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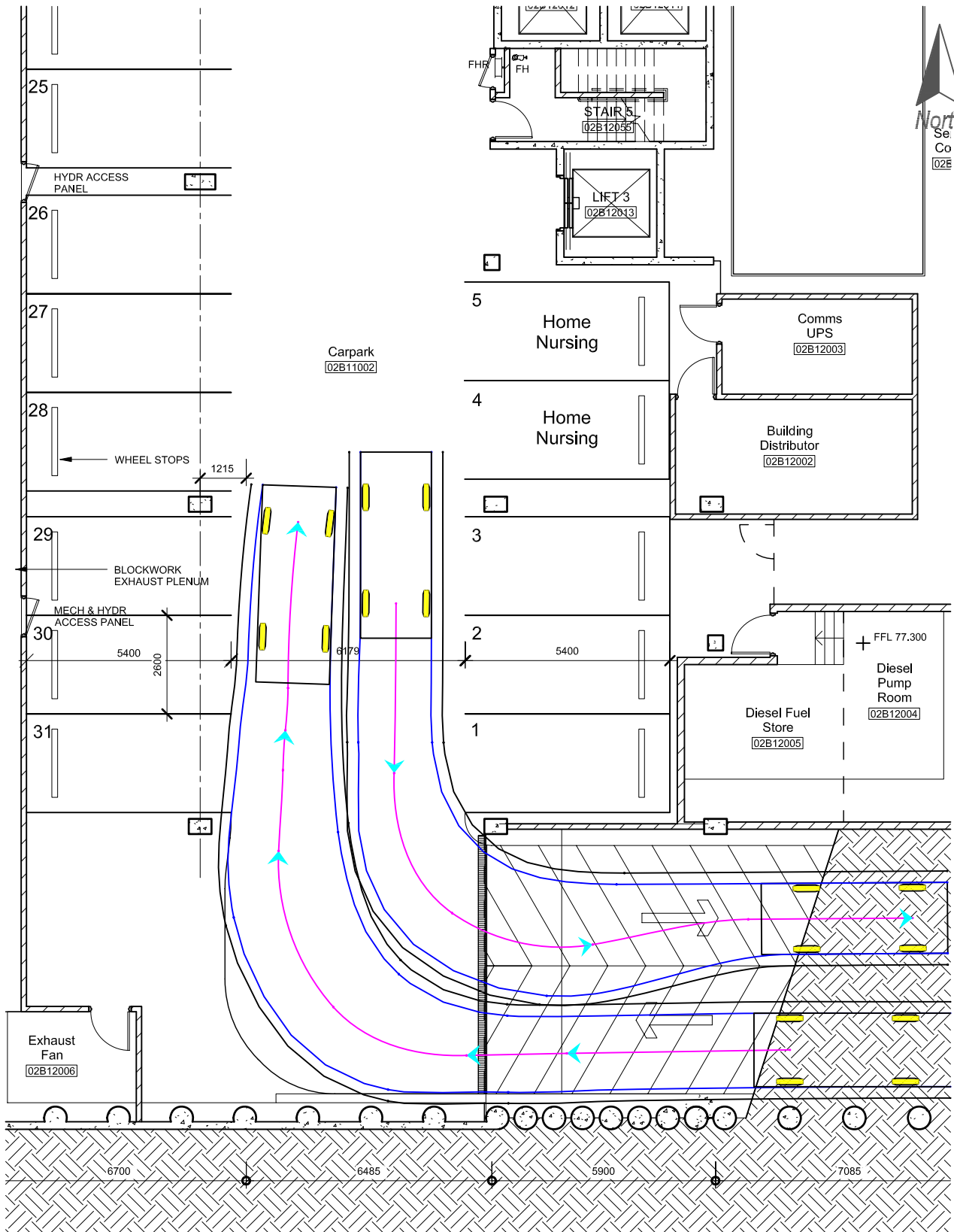
Filename: CTLXBDa02 Ground

Figure 2

Date: 26 October 2009

AS2890.1 (2004) B85 & B99 PASSING ON BASEMENT RAMP

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Scale: 1:150@A4

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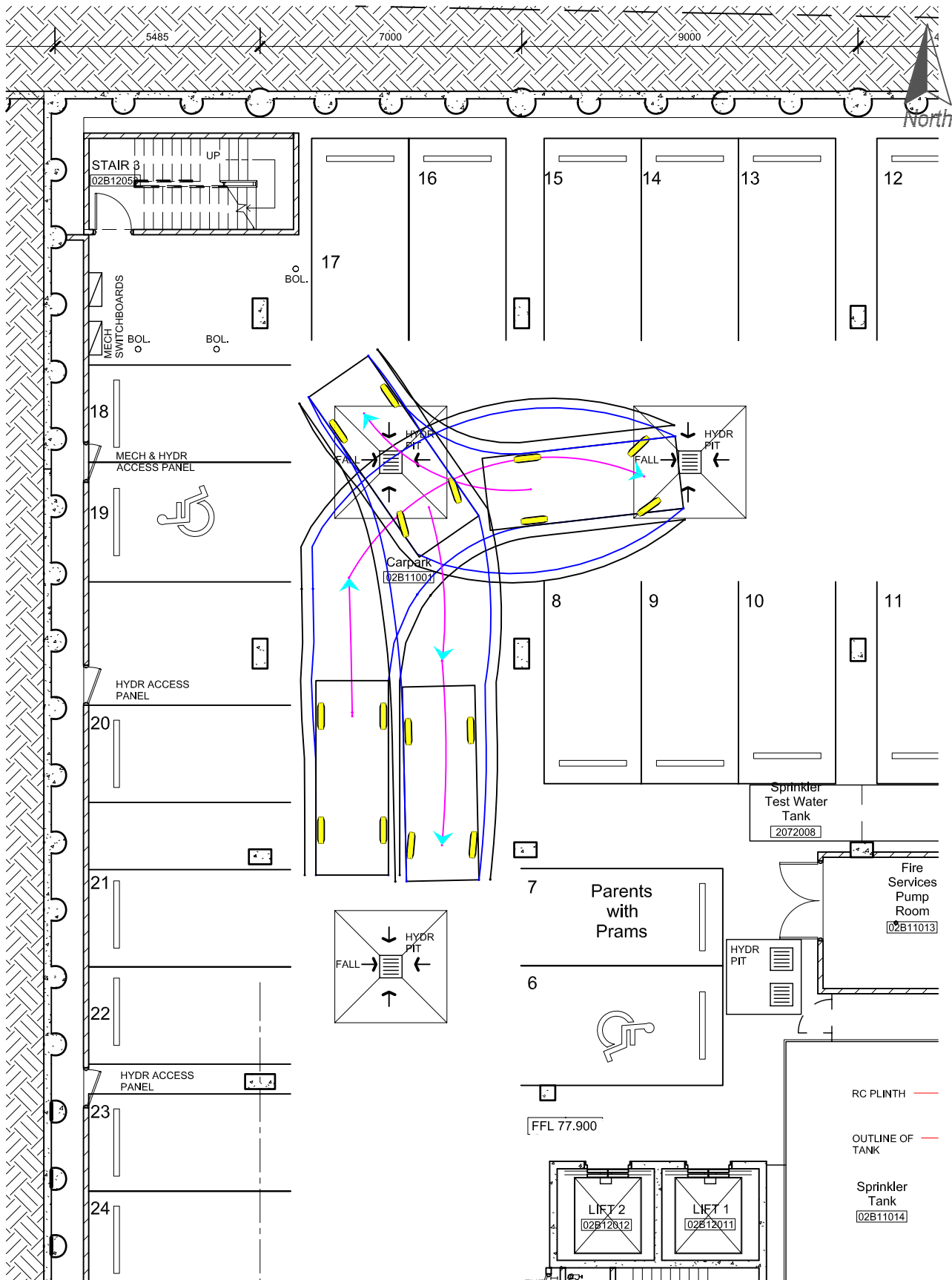
Figure 3

Date: 26 October 2009

Filename: CTLCXBda02 Basement

AS2890.1 (2004) B99 TURN AROUND AT THE BLIND AISLE

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Scale: 1:150@A4

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Figure 4

Date: 26 October 2009

Filename: CTLXCBda02 Basement