

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

ENTRANCES & GATEWAYS

A new entrance is envisaged to the hospital on the north east corner of the hospital campus. The existing gate will be widened to allow generous pedestrian access and will align with the hospital street axis. The new forecourt plaza will be a shared space that will accommodate pedestrians as well as cars and has the potential to be a calming and welcoming place that can alleviate some of the stresses that will be experienced by users of the space.

The main vehicle circulation and drop-off space is shared with the pedestrian access along its north, west and south edges to encourage shared use of the whole plaza space. A covered walkway will provide protection from the weather from the drop off area to the entrance pod.

The entrance pod will be a distinct object which bridges the gap between plaza and building as well as acting as a strong marker to the building entrance.



Fig 52. Indicative view looking West from Avoca Street

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

BUILDING USE

The building has been set out to include four associated uses:

1. Levels 0,1,2,3 and 4 will contain the new comprehensive cancer centre
2. Levels 5 and 6 will contain the new Australian Advanced Treatment Centre
3. Levels 7,8 and 9 Future Clinical Offices / Consulting Suites
4. Level 10 will contain the Plant room

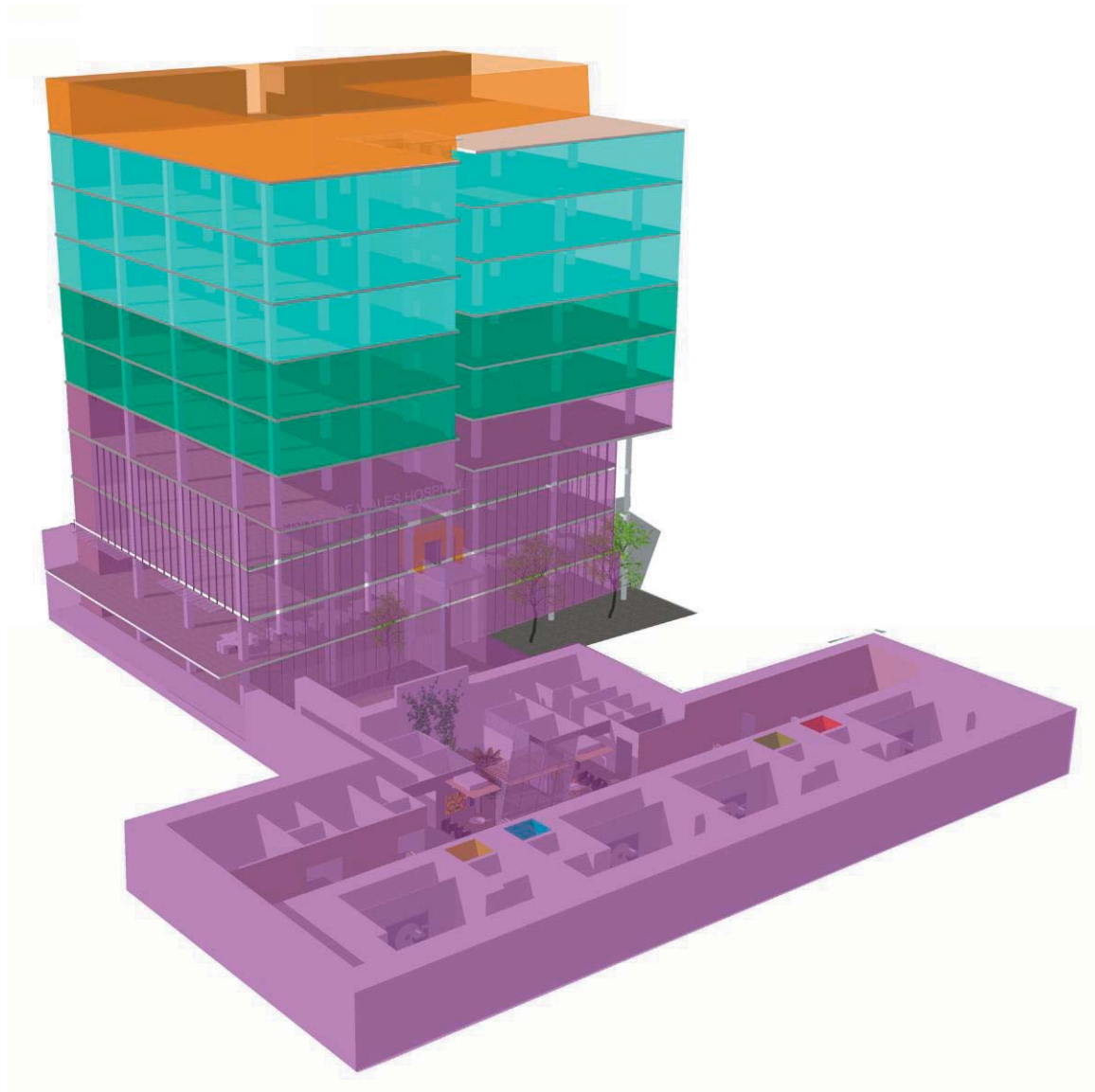


Fig 53. Diagram showing relationship of departments

**Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE
UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE**
Randwick Hospital Campus, Sydney NSW

BUILDING USE

An East / West central spine will aid wayfinding in the new centre and reinforces the link between Stage 1 and Stage 2. A public stair is located on this axis and will encourage vertical movement within the NCCC+AATC whilst a number of voids will create an activated space creating interest and visual connections between the floors.

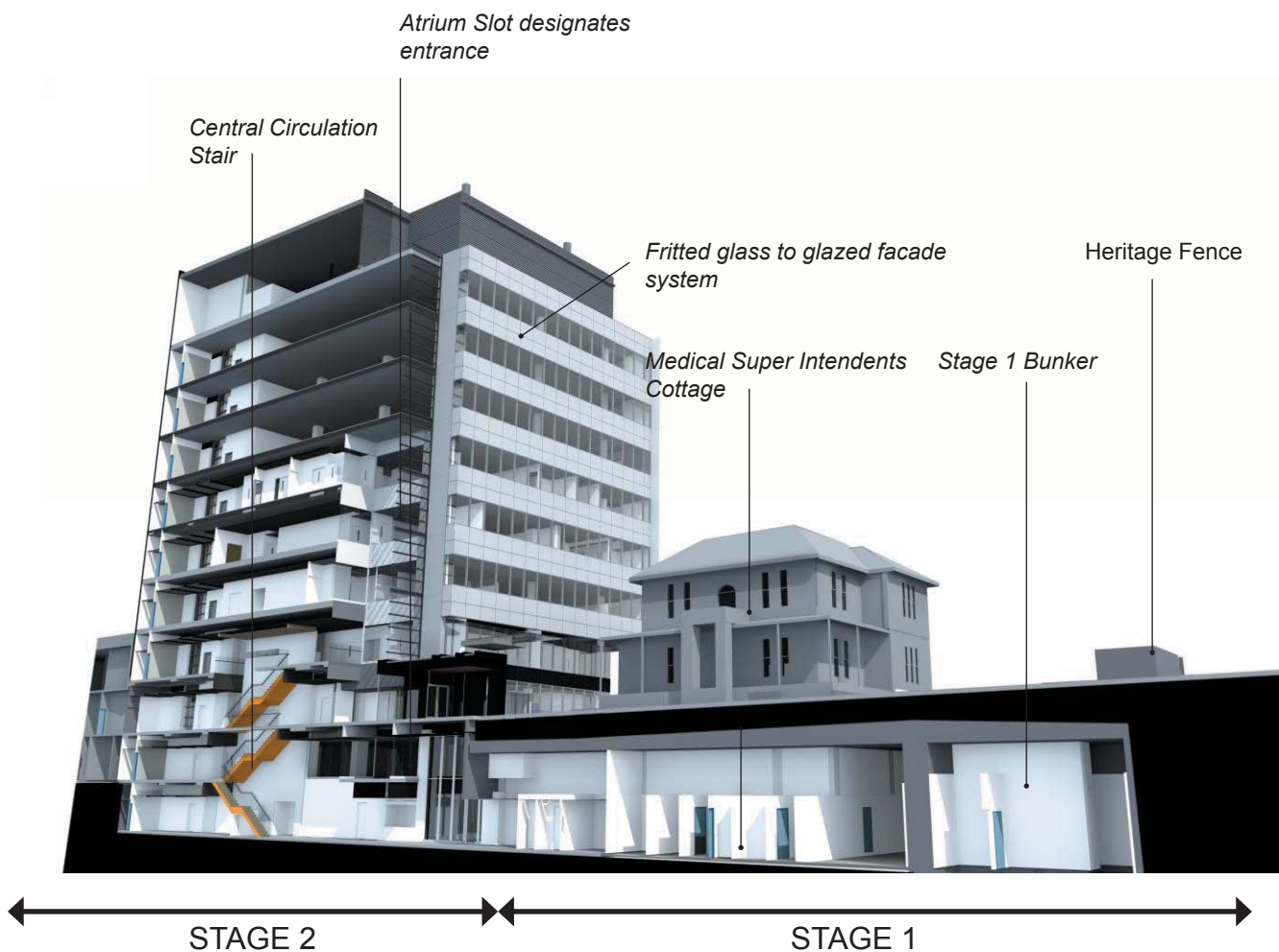


Fig 54. Cross section through new building highlighting link between Stage 1 & Stage 2

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE Randwick Hospital Campus, Sydney NSW

SPECIFIC FLOOR USE

The diagram below sets out the specific use for each floor level. The NCCC encompasses L0-L4 which are connected by the open central stair. The AATC is located on Levels 5 & 6, with remaining levels allocated for future Clinical Offices / Consulting Suites.

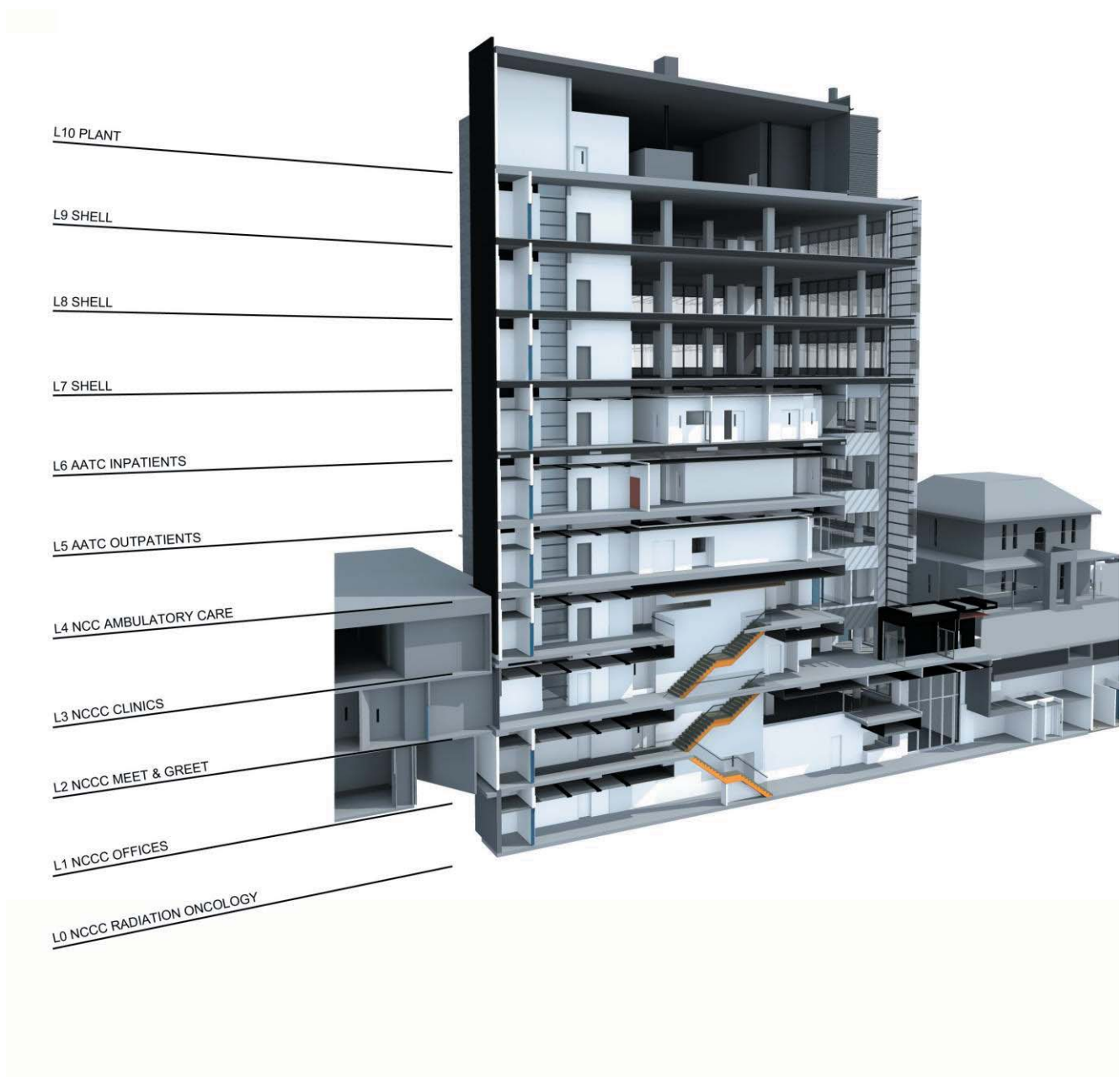


Fig 55. Diagram showing specific uses on each floor level

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE Randwick Hospital Campus, Sydney NSW

LEVEL 0 FLOOR PLATE

NELUNE COMPREHENSIVE CANCER CENTRE

The Lower level of the Comprehensive Cancer Centre will contain a new state of the art Radiation Oncology Department. A new central link is established between the new Stage 2 building and the radiation bunkers developed at Stage 1. The temporary link will then become a staff access corridor that connects back into the Hospital Campus at Level 1.

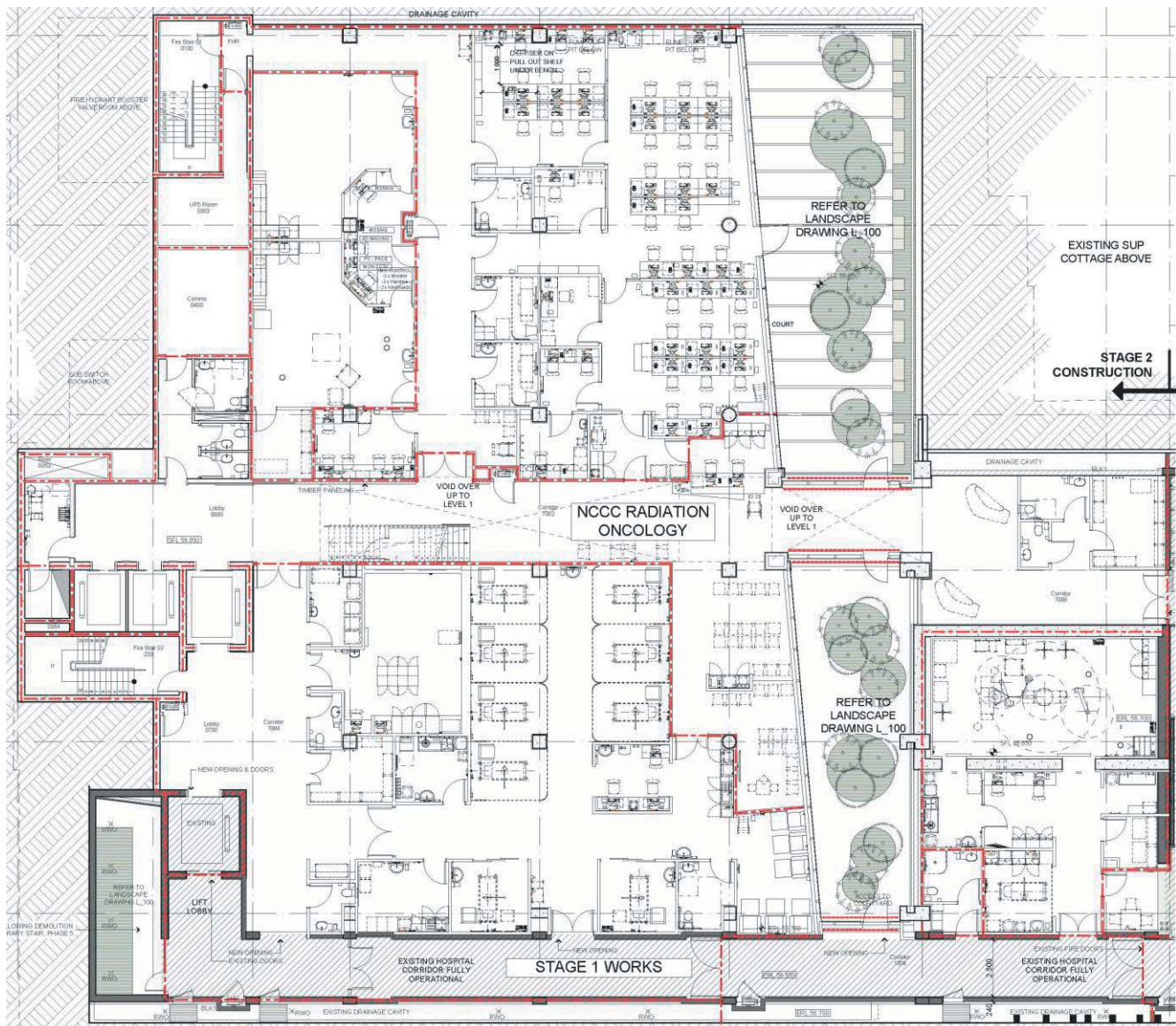


Fig 56. Diagram showing Level 0

NELUNE COMPREHENSIVE CANCER CENTRE

[illegible]

52

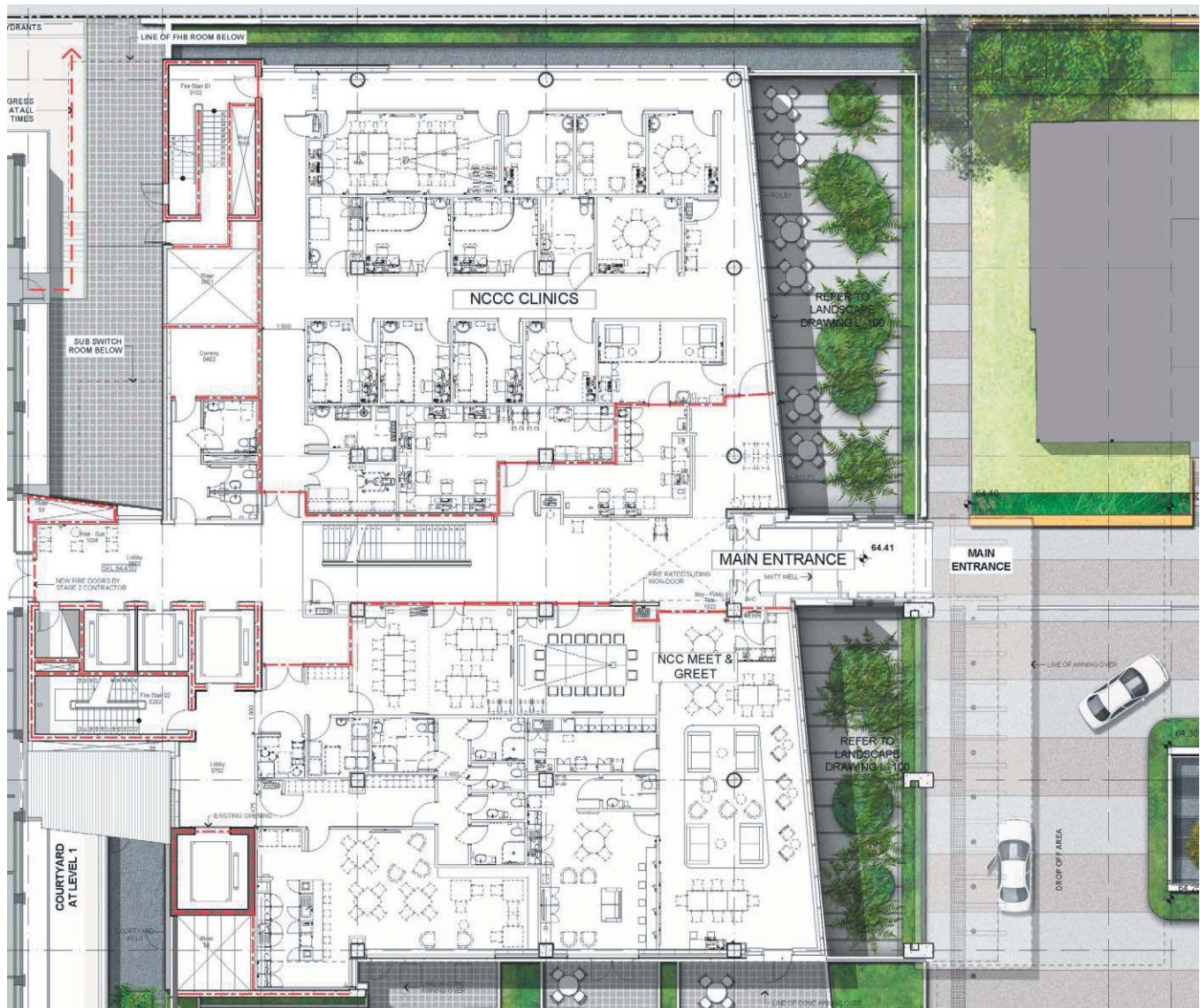
Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

LEVEL 2 FLOOR PLATE

NELUNE COMPREHENSIVE CANCER CENTRE

The main entry level to the new centre is located at Level 2 on the eastern facade. A patient drop off zone is located directly adjacent to the east entrance and connects to the building via a bridged air lock. A central connection is also provided that gives a direct access to the open central stair and lift as well as linking to the existing campus at Level 2.



Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE Randwick Hospital Campus, Sydney NSW

LEVEL 3 FLOOR PLATE

NELUNE COMPREHENSIVE CANCER CENTRE

Three pods of consultation suites together with associated ancillary accommodation are located on Level 3. This level is the highest level that connects via the open central stair, allowing users an alternative means of access from the entrance level.

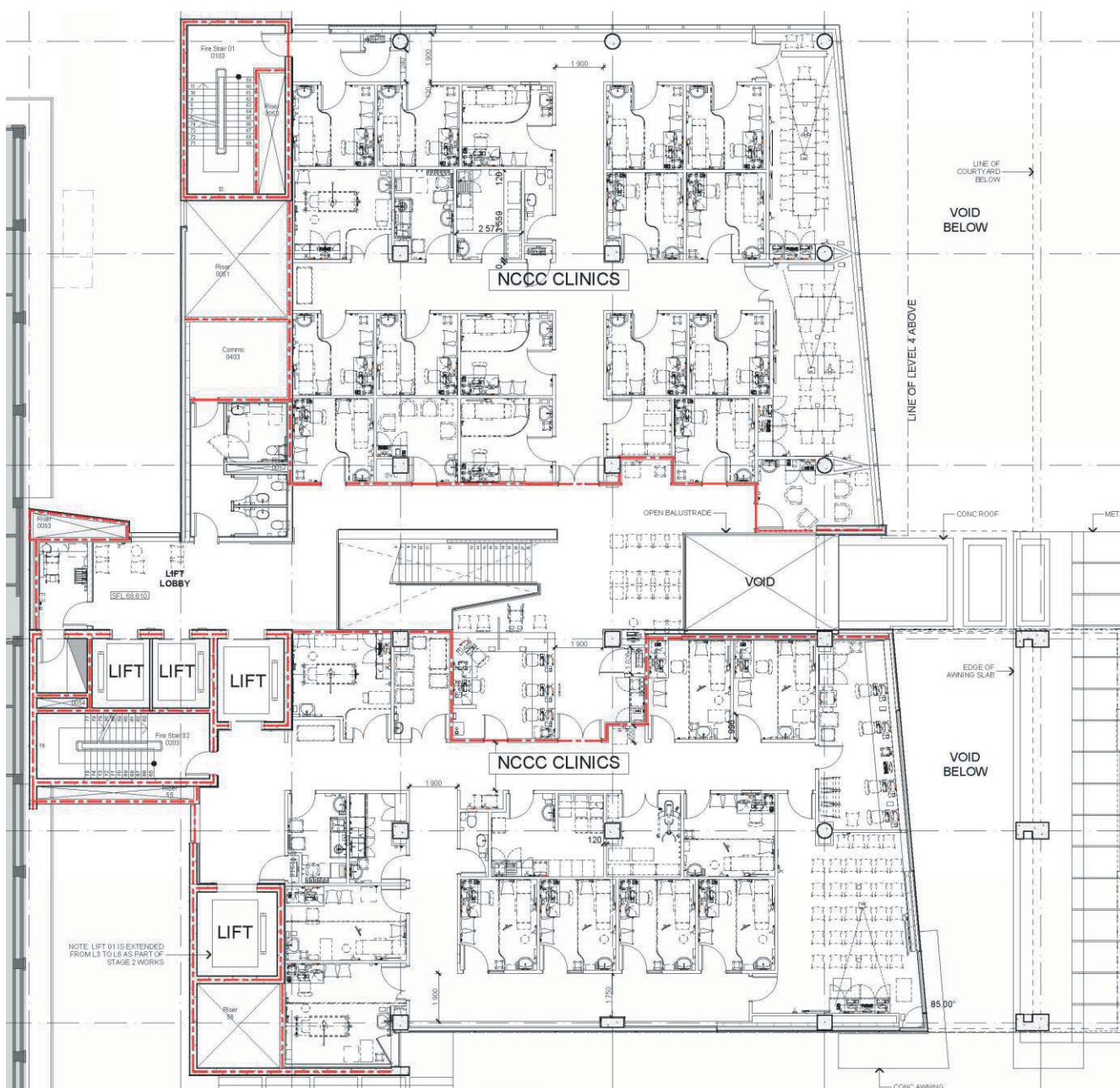


Fig 59.. Diagram showing Level 3

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE Randwick Hospital Campus, Sydney NSW

LEVEL 4 FLOOR PLATE

NELUNE COMPREHENSIVE CANCER CENTRE

Ambulatory care for the cancer centre is contained on one level and will be accessed via the lift core to the west of the floor plate. An open plan chemotherapy infusions chairs are located to the north, with the more confined patient treatment bays to the south.

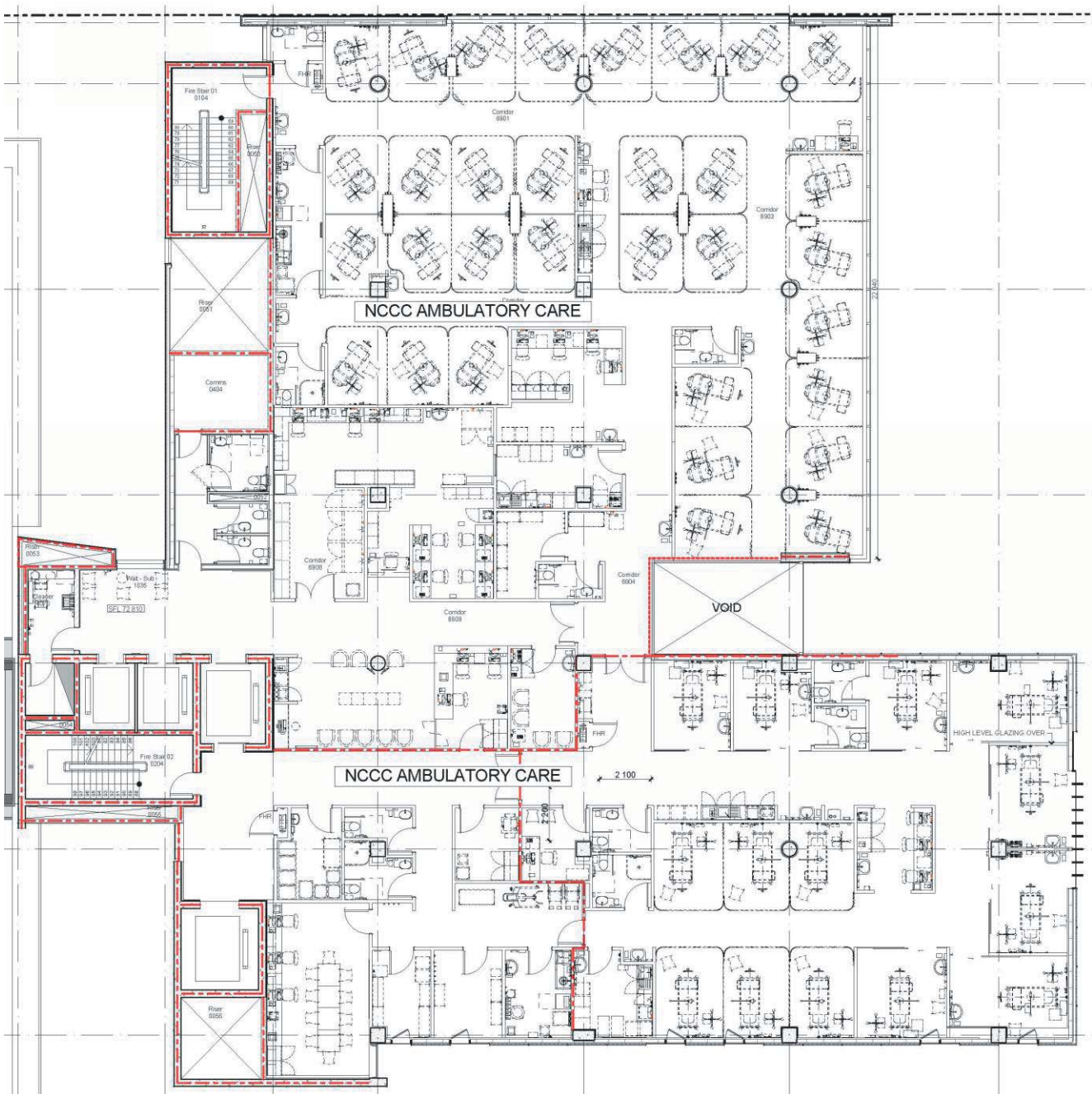


Fig 60. Diagram showing Level 4

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

LEVEL 5 FLOOR PLATE

AUSTRALIAN ADVANCED TREATMENT CENTRE

The AATC will provide a purpose built environment for clinical trial activities. Level 5 accommodates the Outpatient clinics together with staff meeting rooms, training facilities and the AATC offices.

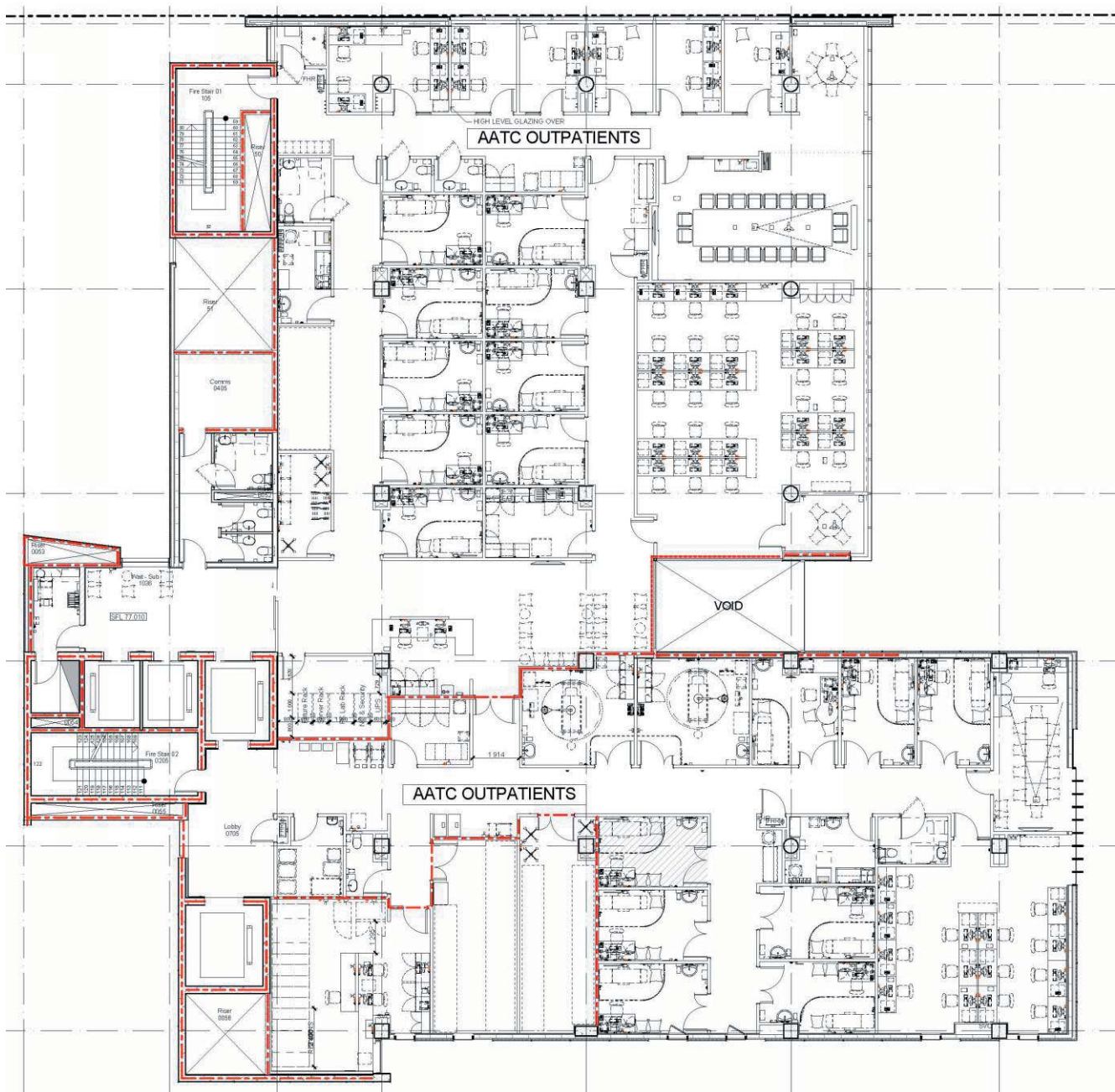


Fig 61.. Diagram showing Level 5

AUSTRALIAN ADVANCED TREATMENT CENTRE

STORAGE/WEIGH/WASHUP

PHARMACOKINETICS LAB

SPECIMEN PROCESSING

SPECIMEN RECEPTION

2 650 (Main Spec - LRP 03)

GLASS DOOR

AATC INPATIENTS

VOID

AATC INPATIENTS

GLASS DOOR

Fire Stair 01 0108

Fire Stair 02 0208

Room 0003

Room 0004

Room 0005

Room 0006

Room 0007

Room 0008

Room 0009

Room 0010

Room 0011

Room 0012

Room 0013

Room 0014

Room 0015

Room 0016

Room 0017

Room 0018

Room 0019

Room 0020

Room 0021

Room 0022

Room 0023

Room 0024

Room 0025

Room 0026

Room 0027

Room 0028

Room 0029

Room 0030

Room 0031

Room 0032

Room 0033

Room 0034

Room 0035

Room 0036

Room 0037

Room 0038

Room 0039

Room 0040

Room 0041

Room 0042

Room 0043

Room 0044

Room 0045

Room 0046

Room 0047

Room 0048

Room 0049

Room 0050

Room 0051

Room 0052

Room 0053

Room 0054

Room 0055

Room 0056

Room 0057

Room 0058

Room 0059

Room 0060

Room 0061

Room 0062

Room 0063

Room 0064

Room 0065

Room 0066

Room 0067

Room 0068

Room 0069

Room 0070

Room 0071

Room 0072

Room 0073

Room 0074

Room 0075

Room 0076

Room 0077

Room 0078

Room 0079

Room 0080

Room 0081

Room 0082

Room 0083

Room 0084

Room 0085

Room 0086

Room 0087

Room 0088

Room 0089

Room 0090

Room 0091

Room 0092

Room 0093

Room 0094

Room 0095

Room 0096

Room 0097

Room 0098

Room 0099

Room 0100

Room 0101

Room 0102

Room 0103

Room 0104

Room 0105

Room 0106

Room 0107

Room 0108

Room 0109

Room 0110

Room 0111

Room 0112

Room 0113

Room 0114

Room 0115

Room 0116

Room 0117

Room 0118

Room 0119

Room 0120

Room 0121

Room 0122

Room 0123

Room 0124

Room 0125

Room 0126

Room 0127

Room 0128

Room 0129

Room 0130

Room 0131

Room 0132

Room 0133

Room 0134

Room 0135

Room 0136

Room 0137

Room 0138

Room 0139

Room 0140

Room 0141

Room 0142

Room 0143

Room 0144

Room 0145

Room 0146

Room 0147

Room 0148

Room 0149

Room 0150

Room 0151

Room 0152

Room 0153

Room 0154

Room 0155

Room 0156

Room 0157

Room 0158

Room 0159

Room 0160

Room 0161

Room 0162

Room 0163

Room 0164

Room 0165

Room 0166

Room 0167

Room 0168

Room 0169

Room 0170

Room 0171

Room 0172

Room 0173

Room 0174

Room 0175

Room 0176

Room 0177

Room 0178

Room 0179

Room 0180

Room 0181

Room 0182

Room 0183

Room 0184

Room 0185

Room 0186

Room 0187

Room 0188

Room 0189

Room 0190

Room 0191

Room 0192

Room 0193

Room 0194

Room 0195

Room 0196

Room 0197

Room 0198

Room 0199

Room 0200

Room 0201

Room 0202

Room 0203

Room 0204

Room 0205

Room 0206

Room 0207

Room 0208

Room 0209

Room 0210

Room 0211

Room 0212

Room 0213

Room 0214

Room 0215

Room 0216

Room 0217

Room 0218

Room 0219

Room 0220

Room 0221

Room 0222

Room 0223

Room 0224

Room 0225

Room 0226

Room 0227

Room 0228

Room 0229

Room 0230

Room 0231

Room 0232

Room 0233

Room 0234

Room 0235

Room 0236

Room 0237

Room 0238

Room 0239

Room 0240

Room 0241

Room 0242

Room 0243

Room 0244

Room 0245

Room 0246

Room 0247

Room 0248

Room 0249

Room 0250

Room 0251

Room 0252

Room 0253

Room 0254

Room 0255

Room 0256

Room 0257

Room 0258

Room 0259

Room 0260

Room 0261

Room 0262

Room 0263

Room 0264

Room 0265

Room 0266

Room 0267

Room 0268

Room 0269

Room 0270

Room 0271

Room 0272

Room 0273

Room 0274

Room 0275

Room 0276

Room 0277

Room 0278

Room 0279

Room 0280

Room 0281

Room 0282

Room 0283

Room 0284

Room 0285

Room 0286

Room 0287

Room 0288

Room 0289

Room 0290

Room 0291

Room 0292

Room 0293

Room 0294

Room 0295

Room 0296

Room 0297

Room 0298

Room 0299

Room 0300

Room 0301

Room 0302

Room 0303

Room 0304

Room 0305

Room 0306

Room 0307

Room 0308

Room 0309

Room 0310

Room 0311

Room 0312

Room 0313

Room 0314

Room 0315

Room 0316

Room 0317

Room 0318

Room 0319

Room 0320

Room 0321

Room 032

- 57

**Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE
UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE**
Randwick Hospital Campus, Sydney NSW

LEVEL 7 -9 FLOOR PLATES

FUTURE CLINICAL OFFICES / CONSULTING SUITES

Three floors of shell space are proposed and will be designed so that either clinical or non clinical services can be accommodated.

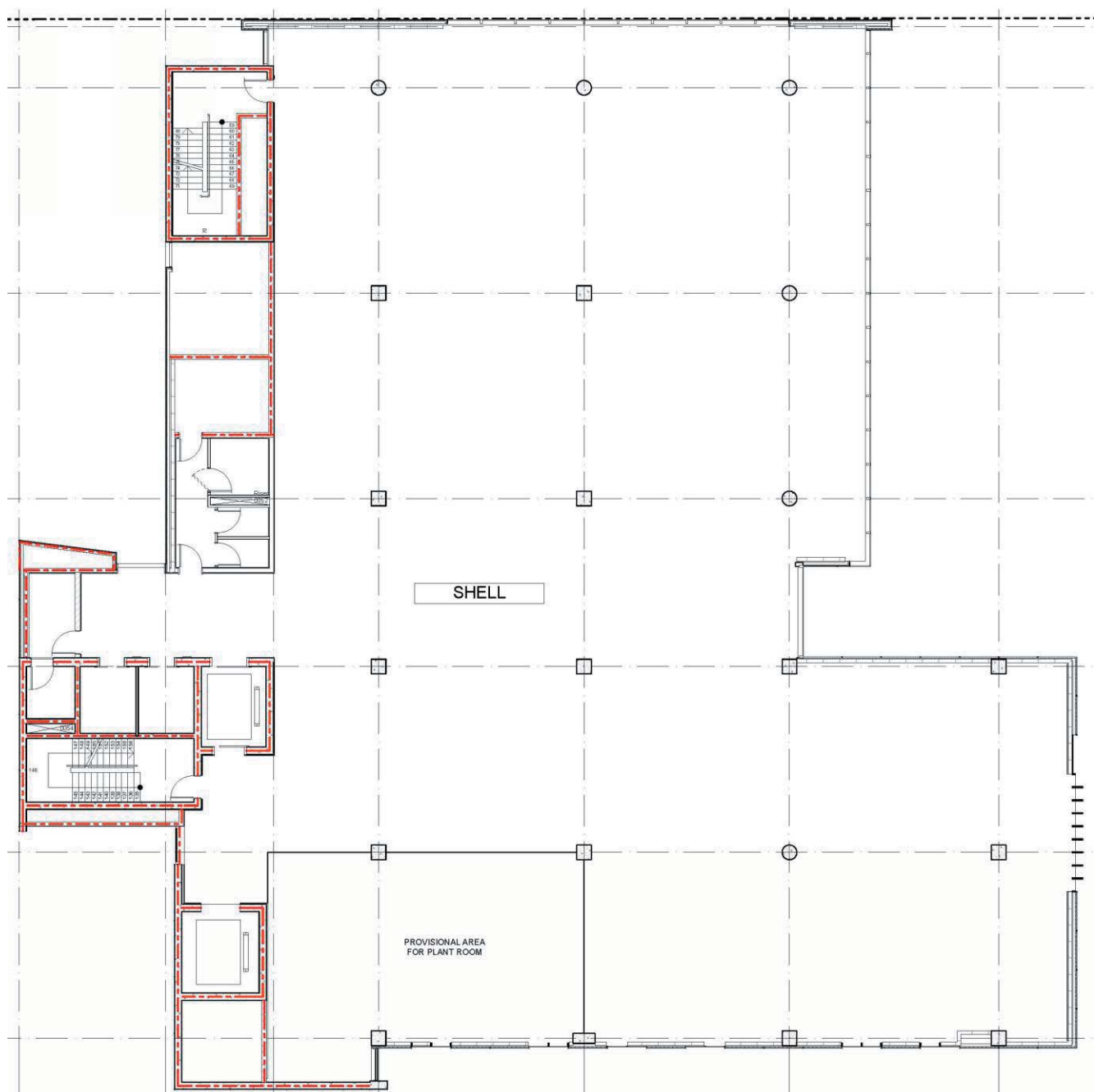


Fig 63.. Diagram showing Level 7-9

**Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE
UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE**
Randwick Hospital Campus, Sydney NSW

LEVEL 10 FLOOR PLATE

ROOF / PLANT

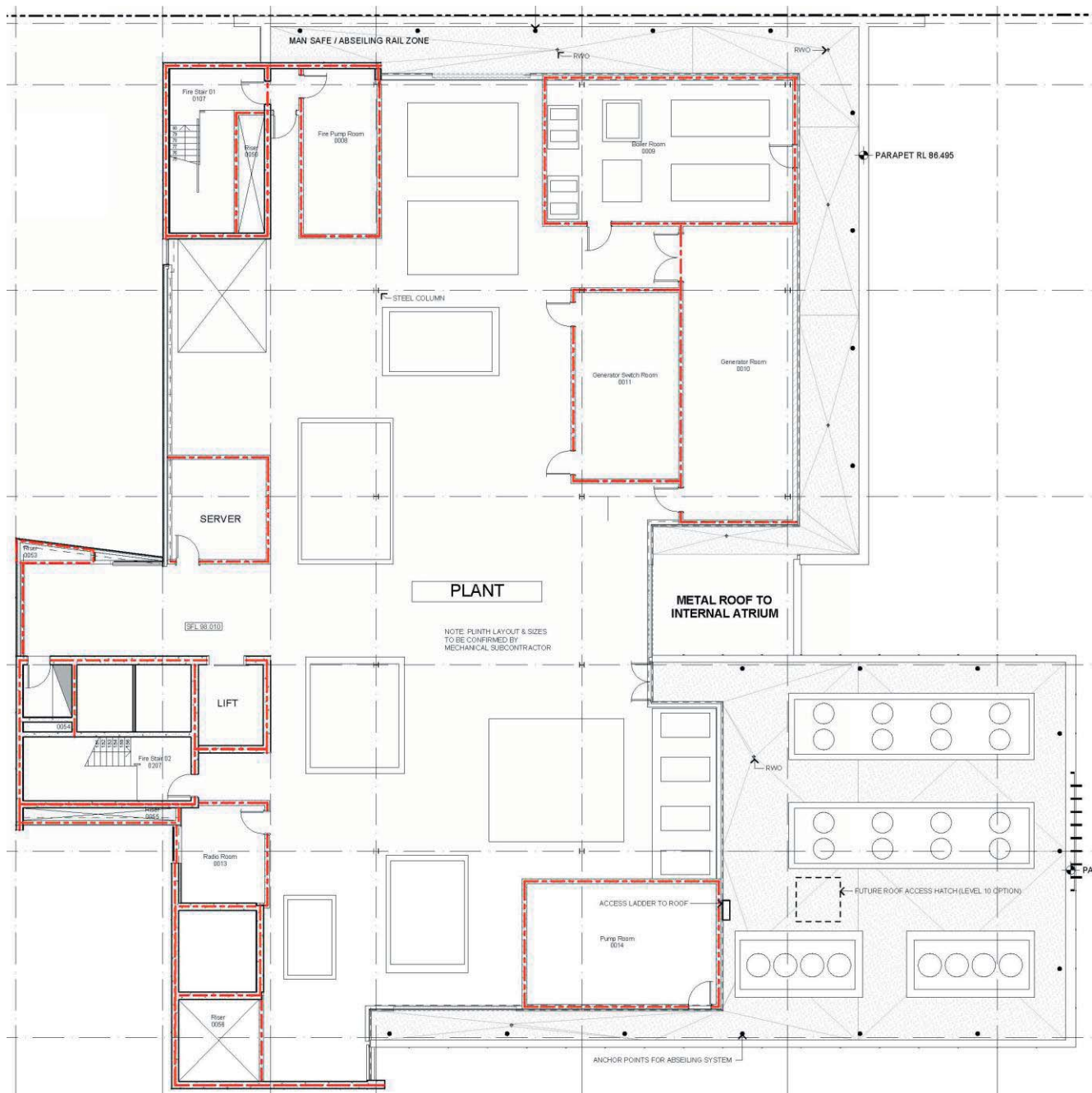


Fig 64. Diagram showing Level 10

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

CONNECTIONS TO HOSPITAL CAMPUS

The new building looks to continue the legacy set by the existing campus in its regard to the existing hospital axis and Level 1 and Level 2 connections. Separate staff and patient access is established at Level 1 and Public access is provided at Level 2.

The appropriate control of circulation patterns and movement within a health care facility is critical. The NCCC + AATC development has a carefully considered separation of freely accessible public movement routes and escorted patient and staff zones of the building. These dedicated public circulation routes (shown blue below) and staff circulation routes (shown red below) apply to both horizontal and vertical movements. The separation of staff and public corridors and lifts is fundamental to the design, maximising operational efficiencies and providing clear and rational circulation patterns. The differentiated circulation strategy supports the clinical model and will produce efficiencies in functionality and movement throughout the functional zones of the facility.

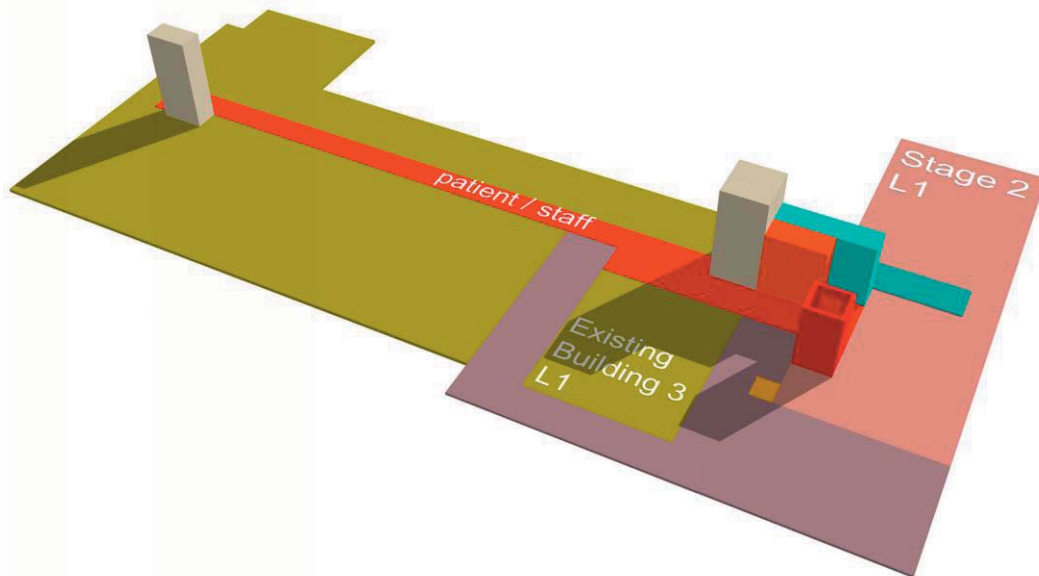


Fig 65 Diagram showing connection at Level 1

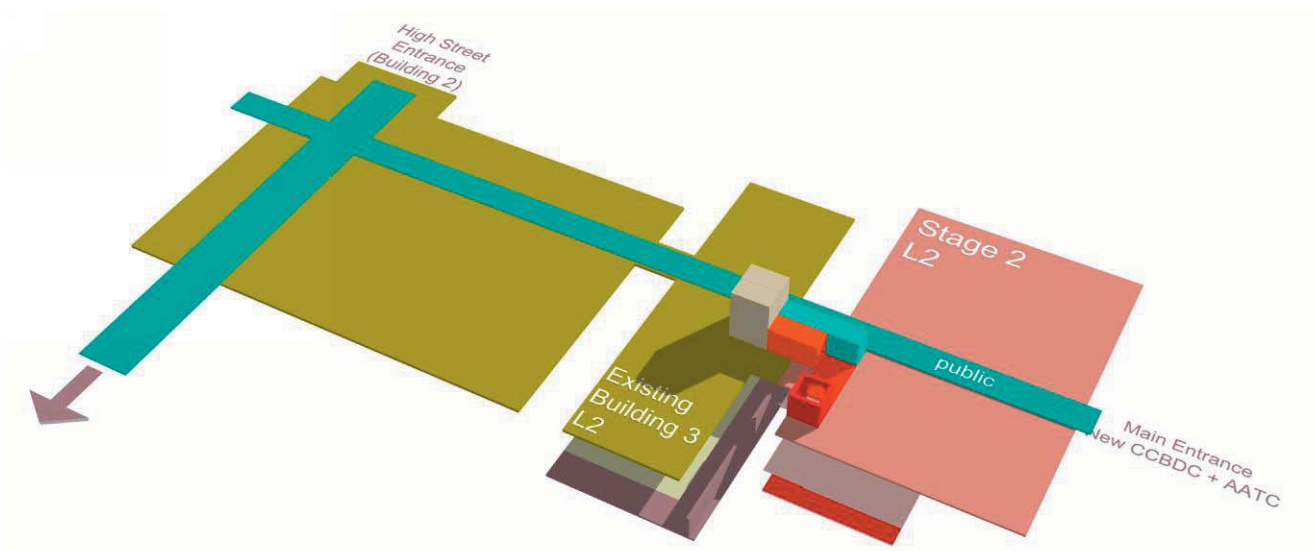


Fig 66. Diagram showing connection at Level 2

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

WAY FINDING

The form and structure of the building will inform way finding internally. The central axis slot will guide staff and the public re associating them with the view east. This spine is paramount in establishing a sense of location within the centre.

Simple graphics and nominal uncluttered signage will allow people to find their way through the facility.

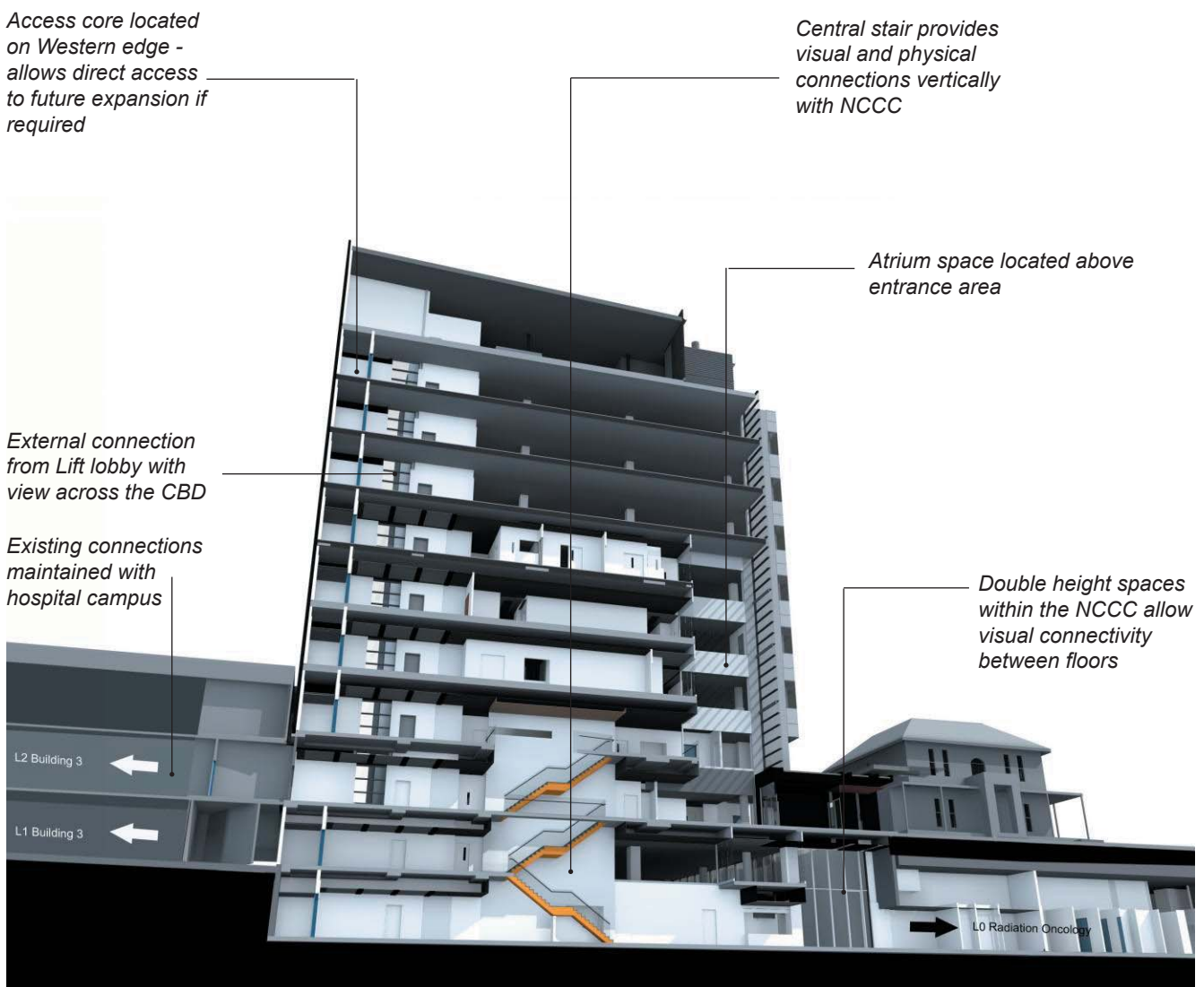


Fig 67. Diagram highlighting way finding

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE

Randwick Hospital Campus, Sydney NSW

PARKING

Parking for patients and visitors is unchanged and is available in the existing parking facilities on campus.

Additional car parking for the Cancer Centre visitors is provided in close proximity to the building. (Zone A).

A Drop off area is also located immediately adjacent to the building allowing visitors and ambulances to pick up / drop off under a covered walkway.

A short stay (15min) car parking area is located due East of the entrance (Zone B) and will facilitate the pick up and drop off facility

Ambulance access to the NCCC remains unchanged and will be via Barker Street or High Street (High Street entrance preferred for non-emergency drop-off and pick-up for NCCC patients).



Fig 68 Diagram showing parking zones

Prince of Wales Hospital NELUNE COMPREHENSIVE CANCER CENTRE
UNSW AUSTRALIAN ADVANCED TREATMENT CENTRE
Randwick Hospital Campus, Sydney NSW



Fig 69 New Building in context