ACCESSIBILITY REPORT

STATE SIGNIFICANT DEVELOPMENT APPLICATION SSD 16 7610

INNER SYDNEY HIGH SCHOOL



244 CLEVELAND STREET SYDNEY

Prepared by Mark Relf

8th June 2017



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Introduction

The NSW Department of Education (DoE) are preparing a State Significant Development Application (SSD 16_7610) for the development of a new 'Inner Sydney High School' (ISHS) located at the corner of Cleveland and Chalmers Street, Surry Hills (the 'site'), identified as 244 Cleveland Street, Surry Hills.

The new Inner Sydney High School is proposed to accommodate up to 1200 students to take enrolment pressure off surrounding high schools exceeding student capacity, and accommodate future population growth within City of Sydney Local Government Area (LGA). The high school will contain high quality learning, collaborative learning spaces and associated facilities.

Specifically, this proposal seeks development consent for the following works at the site:

- Internal reconfiguration and refurbishment of the existing heritage listed buildings on the site to create:
 - Collaborative learning hubs with a combination of enclosed and open spaces;
 - Amenities and support areas; and
 - Workplaces and lounge spaces for teachers and administrative staff.
- Construction of a 13 storey plus basement and roof level (approximately 56.5m from Chalmers Street), multi-purpose school building, containing:
 - O Collaborative learning hubs with a combination of enclosed and open spaces;
 - Library;
 - Staff workplaces;
 - Student canteen;
 - Indoor gymnasium and other indoor recreation and performance spaces;
 - Ancillary outdoor learning and recreational areas.
- Associated site landscaping and public domain improvements; and
- Augmentation and construction of ancillary infrastructure and utilities as required.

Background

The population of Sydney is forecast to grow by over one million people in the next 10 years and a significant number will reside in or close to the Sydney CBD in new residential developments in areas such as Green Square, Central to Eveleigh precinct, Barangaroo, Central Square, the Bays Precinct and Ultimo. This growth in inner Sydney suburbs is occurring rapidly, putting significant pressure on public infrastructure, including transport, health services and education.

The Department of Education has a legislative responsibility to provide teaching spaces to meet demand in all areas across NSW. A new Inner Sydney High School is to be built on Cleveland Street, Surry Hills to meet this demand. Cleveland Street Intensive English High School currently occupies the site. A new facility is being constructed for Cleveland Street Intensive English High School on a site already owned by the Department of Education (DoE) at Alexandria.



The Cleveland Street site will be redeveloped to create a new future focused high-rise school with a mix of new and refurbished buildings. The heritage of the site is a major consideration for the design of the new campus. A design excellence competition has been completed with the winning architects, Francis-Jones Morehen Thorp (FJMT) continuing to progress the design for the school. The new Inner Sydney High School is expected to open in 2020.

The new Inner Sydney High School will offer:

- Facilities that are readily accessible and flexible to meet the demands of an evolving curriculum in line with future-focused learning principles.
- Flexible and well connected teaching and learning spaces that enable a variety of teaching and learning practices.
- Spaces that are engaging and supportive for students and teachers.
- Technology-rich settings with an emphasis on mobility and flexibility.
- A healthy and environmentally sustainable environment.
- Innovative, connected outdoor spaces that enable play and collaborative learning.
- Connected open space, creating a welcoming and accessible school with indoor and outdoor teaching and learning opportunities.

No buildings of heritage significance are proposed to be demolished as part of the redevelopment.

The new teaching spaces will incorporate principles of energy efficiency and ecologically sustainable development (ESD). This includes:

- Passive design principles
- Thermal performance and comfort.
- Natural lighting.
- Water recycling management.

Works are as illustrated in detail in the Architectural Design Statement as prepared by FIMT.

In addition to the abovementioned design objectives and outcomes the redevelopment of the school will provide a built environment that enables the inclusive participation of students and staff who have a disability in line with the NSW Department of Education Disability Inclusion Action Plan.

Access Statement

In review of the plans it is my opinion that the proposed redevelopment will provide enhanced access to and within the existing buildings and the new building works will comply with all aspects of the assessment criteria and SEARS.

Mark Relf

Access Consultant (ACAA 074)



Assessment Criteria

This assessment considers the following legislation, planning instruments and standards pertaining to access for people with disabilities:

- (1) Parts D3, E3.6, F2.4 of the Building Code of Australia (BCA 2016)
- (2) DDA Premises Standards and Disability Discrimination Act
- (3) NSW Disability Inclusion Act (2014)
- (4) Sydney Development Control Plan (2012)
- (5) Australian Standard AS1428.1 (2009) Design for Access and Mobility: General Requirements
- (6) Australian Standard AS1428.4.1 (2009) Tactile Ground Surface Indicators.
- (7) Australian Standard AS1735.12 (1999) Lifts for people with disabilities

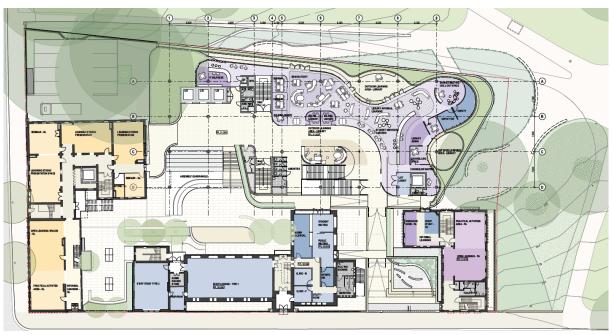
PlansThe plans relied upon for this accessibility assessment include the following plans;

Dwg no.	Revision	Title
2001	В	Basement Floor Plan
2002	В	Lower Ground Floor Plan
2003	В	Ground Floor Plan
2004	Α	Level I Floor Plan
2005	Α	Level 2-3 Floor Plan
2006	Α	Level 4-5 Floor Plan
2007	Α	Level 6-7 Floor Plan
2008	Α	Level 8-9 Floor Plan
2009	Α	Level 10-11 Floor Plan
2010	Α	Level 12 Roof Plan
3001	Α	North Elevation – Prince Alfred Park
3002	Α	West Elevation – Prince Alfred Park
3003	Α	South Elevation – Cleveland Street
3004	Α	East Elevation – Chalmers Street
4000	Α	Section AA
4001	Α	Section A
4002	Α	Section B
4003	Α	Section C

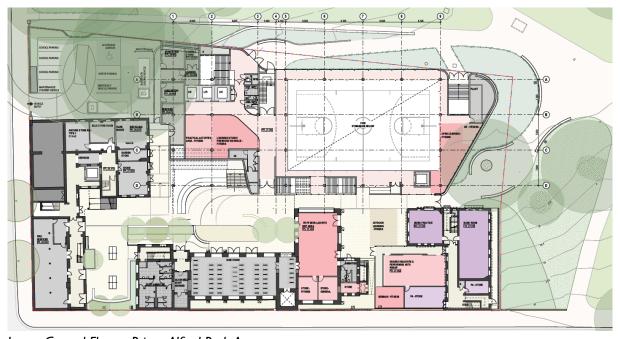


Accessibility Assessment

External Pathways and Building Entrances (Parts D3.2 & D3.3 of the BCA)



Ground Floor Plan – Chalmers Street Access



Lower Ground Floor – Prince Alfred Park Access

	BCA / DDA Access Code Review	Complies
Grou	nd plane entrances overview	
I.	The development is located on a sloping site that incorporates an accessible principal entrance at the ground floor level adjoining Chalmers Street and a secondary access point into the school at the lower ground floor from Prince Alfred Park, although the latter are controlled exits and entrances.	YES
		YES



	BCA / DDA Access Code Review	Complies
2.	Ground Floor Entrances – The new building works provide several entrances and entry points to access the combined buildings	YES
3.	Chalmers Street - The new works propose a single principal entrance at the ground floor level from Chalmers Street @RL29.950 that will provide double gates that will be detailed with level landings and a 1:20 sloping walkway into to a central podium area @RL31.000 to satisfy Parts D3.2 and D3.3 of the BCA and DDA Access Code.	YES
4.	The levels of the in-fill courtyard are designed to facilitate an accessible entrance into every building at the ground level and thereby facilitate equitable access to and within all buildings to satisfy Parts D3.2 and D3.3 of the BCA and DDA Access Code.	



5.	Prince Alfred Park – - The new works propose a two entry / exit points on the lower ground floor that enable access from the Park to and within the lower ground floor level of the school @RL27.000.	YES
6.	The two entry/exits propose double doorways and level landings which adjoin the primary accessways on the lower ground floor to facilitate equitable access throughout to satisfy Parts D3.2 and D3.3 of the BCA and DDA Access Code.	YES
7.	The entrance walkways will be detailed with level doorway landings and where required handrails, tactile ground surface indicators and other features as required by AS1428.1 and AS1428.4.1 to satisfy Parts D3.3 and D3.8 of the BCA and DDA Access Code.	YES at CC stage
8.	Doors will be documented at a future stage to confirm 850mm clear opening widths, level threshold, doorway luminance contrast, glazing markings where required and doorway hardware complying with AS1428.1 to satisfy Part D3.2 of the BCA and DDA Access Code.	YES at CC stage
9.	Overall, the plans illustrate appropriate access to enter the school at the principal entrances consistent with ASI428.1 to satisfy Part D3.2 of the BCA and DDA Access Code.	YES



Internal Accessways (Part D3.3 of the BCA)

BCA / DDA Access Code Review Complies Ground Floor 10. To achieve equitable access YFS throughout the school the new 13 storey building proposes to incorporate suspended walkway and ramp accessway links to the various heritage buildings at the ground floor level. II. The principal entrance walkway ADMIN CLERICAL shall provide a gradual 1:20 slope YES that includes a mid landing @RL30.590 while facilitates level entry to the adjacent heritage FFL 30.590 building at the 30.600 level which CLINIC - M proposes a modified layout to enable access to and within all areas to comply with AS1428.1 in terms of doorway circulation

- 12. The administrative building shall provide internal accessway links at the RL30.590 level to access staff lounge and study areas as illustrated below in accordance with AS1428.1 to satisfy D3.3 of the BCA and DDA Access Code.
- 13. The walkway continues to the RL31.000 level of the new tower and proposes an internal 1:20 walkway to the student waiting room to enable equitable access.

YES



Access Code.

spaces and doorways to satisfy D3.3 of the BCA and DDA

Complies BCA / DDA Access Code Review 14. At the RL31.000 level the plans confirm level access throughout the new tower building and the four (4) lifts that enable access to all upper and lower levels. 15. To access the northern most YES Can heritage building the layout allows Comply for the installation of a 1:14 ramp to travel from the main podium level @RL31.000 to the entrance @RL31.670 while the internal OPEN LEAR FFL 31.670 layout shall be modified to enable access to and within all areas to comply with ASI428.I in terms of doorway circulation spaces and doorways to satisfy D3.3 of the BCA and DDA Access Code. 16. The in-fill podium will provide as 1:20 walkway from the RL31.000 level to the southern most heritage building @RL31.860 to facilitate an accessible entrance YES Can while the internal layout will provide accessible circulation spaces throughout Comply and thereby enable equitable access to and within all buildings to satisfy D3.3 of the BCA and DDA Access Code. 17. The south building will also incorporate a lift to enable appropriate access to YES the upper and lower levels in accordance with D3.3 of the BCA and DDA Access Code.

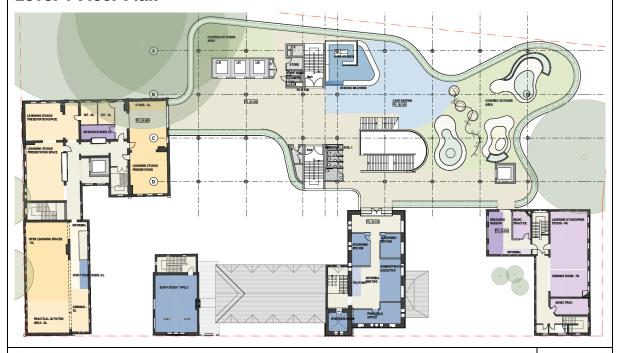


Complies BCA / DDA Access Code Review Lower Ground & Basement Floors 18. To access the Lower Ground Floor Level the development proposes four (4) lifts within the new 13 storey tower building which arrive at the RL27.000. 19. The same four (4) lifts travel to the basement gym level @RL22.000. The lifts YES are supplemented by several stairways that interconnect the basement, lower ground, ground floors and level 1. 20. The vertical access provisions within the site between basement, lower ground and ground floors will enable equitable and dignified access to all areas in YES accordance with AS1428.1, AS1735.12 to satisfy D3.3 and E3.6 of the BCA and DDA Access Code. 21. Basement Level Internal Access Circulation – At the basement level the plans confirm 2500mm minimum width lift landings that provide direct access YES to corridors which will facilitate 1540mm X 2070mm Turning areas and 1800 X 2000mm Passing bays at the 90 degree turn and 20 maximum intervals and appropriate doorway circulation spaces to enter rooms in accordance with AS1428.1 to satisfy D3.3 of the BCA and DDA Access Code.



BCA / DDA Access Code Review	Complies
22. The plans indicate a group of sanitary facilities on the basement level which will be detailed at a future design stage to include unisex wheelchair accessible toilets and ambulant accessible cubicles in accordance with AS1428.1 to satisfy D3.3 and F2.4 of the BCA and DDA Access Code.	YES Can Comply
23. Lower Ground Floor Internal Access Circulation – At the lower ground floor the gymnasium plans confirm 2500mm minimum width lift landings that provide direct access to corridors which will facilitate 1540mm X 2070mm Turning areas and 1800 X 2000mm Passing bays at the 90 degree turn and 20 maximum intervals and appropriate doorway circulation spaces to enter rooms in accordance with AS1428.1 to satisfy D3.3 of the BCA and DDA Access Code.	YES
24. To access the internal areas of the heritage buildings the plans indicate adequate are to install ramps into several areas of the northern and eastern buildings @RL27.380 and the split level outdoor courtyard amphitheatre @RL27.700 and RL28.560.	YES Can Comply
25. Several plant rooms and store rooms within the existing heritage buildings and loading dock shall include several step thresholds which is satisfactory and consistent with D3.4 of the BCA and the DDA Access Code given the intended uses.	YES

Level 1 Floor Plan



26. To access Level (I) the development proposes three (3) open access and one (I) internal lifts within the new I3 storey tower building which arrive at the RL36.000 which is an undercover outdoor area that is designed for general circulation and a cafe area for the general amenity of students and staff which provides ample circulation spaces to access all areas and incorporate ramps to enter the northern building @RL35.940, the southern building @RL36.680 and

YES

YES Can Comply



BCA / DDA Access Code Review	
the eastern building @RL36.190, except for one small staff room adjoining Chalmers Street.	
27. While this existing staff room will remain inaccessible to people who use a wheelchair the plans illustrate alternative rooms of the same intended use on the ground floor level of the same building to reasonably achieve equitable access consistent with the performance requirements of DPI(a) of the BCA and DDA Access Code.	YES
28. Aside from the abovementioned room the plans illustrate floor plan layouts that will provide appropriate doorway circulation spaces, Turning and Passing Areas in accordance with ASI428.I to satisfy Part D3.3 of the BCA and DDA Access Code.	YES
29. The new sanitary facilities can provide appropriate access in accordance with AS1428.1 to satisfy Parts D3.3 and F2.4 of the BCA and DDA Access Code, which will be confirmed at a future construction documentation stage.	YES can comply
30. Overall, the plans illustrate appropriate access to circulate within the level I areas of new building works consistent with ASI428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.	YES
Level 2 & 3 Floor Plan (Level 4 similar)	
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- 31. At levels 2 and 3 (4 similar) the new building provides a single floor level with accessways from the three (3) lifts that can facilitate ample circulation spaces to access all areas in accordance with ASI428.I to satisfy Part D3.3 of the BCA and DDA Access Code.
- 32. Detailing fitout areas shall be confirmed at a future design stage in accordance with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.
- 33. In addition to the lift access the plans show two unenclosed stairways at these levels which connect the upper and lower levels continuing to level 4. Detailing of the stairway and void balustrades shall require handrail extensions and tactile

YES

YES Can Comply

YES Can Comply



BCA / DDA Access Code Review Complies indicators to avoid conflicts with transverse accessway movement consistent with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code. 34. Stairways (Fire Isolated) - In accordance with part D3.3(a)(iii) of the BCA the YES Can fire-isolated stairs will be detailed at construction certificate stage with step Comply nosings to the requirements of AS1428.1 to satisfy Parts D3.3(a)(ii) of the BCA and be slip resistant to P4 or R11 for indoor stair as specified by Table D2.14 of the BCA. **Level 5 Games Terrace** 35. To access Level (5) the development YES proposes three (3) open access lifts which arrive at the RL5 I.000 which is an undercover outdoor area that provides ample access to all areas including the 1800mm width corridor at the sanitary facilities to comply with ASI428.I and satisfy Part D3.3 of the BCA and DDA Access Code. 36. The sanitary facilities will provide a unisex accessible toilet and ambulant accessible male and female toilet YES Can cubicles in accordance with Comply AS1428.1 to comply with Part F2.4 of the BCA and DDA Access Code. trk the Kit Part section of the lift core through the 14 levels plus roof terrace



Complies BCA / DDA Access Code Review Levels 6 & 7 (Level 8 similar) 37. At levels 6 and 7 (8 similar) the new building provides a single floor level with YES accessways from the three (3) lifts that can facilitate ample circulation spaces to access all areas in accordance with ASI428.I to satisfy Part D3.3 of the BCA and DDA Access Code. 38. Detailing fitout areas shall be confirmed at a future design stage in accordance YES Can with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code. Comply Level 6 Level 7 (8 similar) 39. The sanitary facilities will provide a unisex accessible toilet and a unisex YES Can ambulant accessible toilet cubicle in accordance with AS1428.1 to comply with Comply Part F2.4 of the BCA and DDA Access Code. **Level 9 Games Terrace** 40. To access Level (9) the YES development proposes three (3) open access lifts which arrive at the RL66.000 which is an undercover outdoor area that provides ample access to all areas including the 1800mm width corridor at the sanitary facilities to comply with ASI428.I and satisfy Part D3.3 of the BCA and DDA Access Code. 41. The sanitary facilities will provide a unisex accessible toilet and unisex ambulant YES Can accessible toilet cubicles in accordance with AS1428. I to comply with Part F2.4 Comply of the BCA and DDA Access Code.



BCA / DDA Access Code Review		Complies
42. At levels 10 and 11 the new building provides a single floor level with accessways from the three (3) lifts that can facilitate ample circulation spaces to access all areas in accordance with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.	SPEC. STEAM - STONE SPEC. STEAM - STONE SPEC. STEAM - STONE SPEC. STEAM - STONE SPEC. STEAM - SPEC.	YES
· · · · · · · · · · · · · · · · · · ·	unisex accessible toilet and unisex ambulant ance with ASI428.I to comply with Part F2.4 e.	YES Can Comply
44. To access Level (12) the development proposes one (1) lift which arrive at the RL77.500 which is an undercover outdoor area that provides ample access to all areas including the 1800mm width corridor at the sanitary facilities to comply with AS1428.1 and satisfy Part D3.3 of the BCA and DDA Access Code.	SPEC STEAM-CUITDOOR BOOF RANT	YES
travel to level 12 of the ne b. Lift 4 will travel from the b	m the basement to level 11 while lift 3 will lew tower. coasement to level 1 of the new tower. cower ground floor to level 1 of the heritage	YES
 46. The lifts travel to all areas of the new building works to comply with Table D3.1 and Part D3.3 of the BCA and DDA Premises Standards. 47. The passenger lifts will provide at least 1800mm X 2000mm which will readily comply with Part E3 of the BCA and DDA Premises Standards for a lift that travels more than 25 metres. 		YES YES
	mmended the at least one lift (possibly lift 1, ag a fire evacuation including a smoke / fire has indoor access.	Recomm- endation



BCA / DDA Access Code Review	Complies
Stairways	
49. Stairways (Non Fire Isolated) - In accordance with part D3.3(a)(ii) of the BCA the non fire-isolated stairs will be detailed at construction certificate stage with handrails on both sides, closed raisers with no overhanging lips and luminance contrasting step nosings to the requirements of AS1428.1 to satisfy Parts D3.3(a)(ii) of the BCA and be slip resistant to P4 or R11 for outdoor stair as specified by Table D2.14 of the BCA. See section on Tactile Ground Surface Indicators).	YES at CC stage
50. Stairways (Fire Isolated) - In accordance with part D3.3(a)(iii) of the BCA the fire-isolated stairs will be detailed at construction certificate stage with step nosings to the requirements of AS1428.1 to satisfy Parts D3.3(a)(ii) of the BCA and be slip resistant to P4 or R11 for indoor stair as specified by Table D2.14 of the BCA.	YES at CC stage
51. The fire-isolated stairs are also required to provide single inner handrails that are continuous through landings and incorporate fixings to walls and baluster in accordance with clause 12 of AS1428.1 to satisfy Part D2.17(a)(vi) of the BCA.	YES at CC stage

Tactile ground surface indicators

BCA / DDA Access Code Review	Complies
52. Details concerning the provision of tactile ground surface indicators (TGSI's) as required by Part D3.8 of the BCA will be provided at construction certificate stage for pedestrian ramps and stairs (excluding fire/egress only stairs) and overhead hazards where less than 2000mm height clearance is provided such as stairway undercroft spaces in accordance with ASI428.4.1.	YES at CC stage

Accessible Sanitary Facilities

BCA / DDA Access Code Review		Complies
53. With the exception of the lower ground floor every floor from basement to Level 12 has sanitary facilities and will provide a unisex wheelchair accessible toilet and ambulant accessible male and female (or unisex) cubicles with a design complying with AS1428.1 to satisfy Part F2.4 of the BCA and DDA Access Code. Precise layout and detailing to be confirmed.		YES Can Comply
AMENITIES - GYMNASIUM	CHANGE ROOM & SHOWERS	STORE ANGE ROOM &
Basement Level Gymnasium	Basement Level Gymnasiun	1



BCA / DDA Access Code Review Complies ACC. WC **AMENITIES** Grd Floor & Level 1 example Levels 2 to 12 54. Heritage Building East (Admin) - The ground floor and lower YES Can ground floors provide an area Comply designated for sanitary facilities which include; a. a unisex wheelchair accessible **YES Can** toilet within the shared staff / Comply visitor area, b. a unisex wheelchair accessible **YES Can** toilet and shower within the staff Comply area and male and female ambulant accessible cubicles, STAFF AMENITIES c. a unisex wheelchair accessible **YES Can** toilet and shower within the Comply Fitness Lab area and a unisex ambulant accessible cubicle. **YES Can** 55. The facilities will be detailed to Comply comply with ASI428.I to satisfy Part F2.4 of the BCA and the DDA Access Code. **YES Can** Comply ACC. WC AMENITIES



Ground Floor shared staff/visitor facility

MTG

BCA / DDA Access Code Review		Complies
 56. Heritage Building 3 – The level (I) area of the building proposes staff sanitary facilities which include male and female ambulant accessible cubicles. 57. Details of internal fittings and 	TOILETS - PA	YES Can Comply YES at CC stage
fixtures will be confirmed at the construction certificate stage to comply with AS1428.1 to satisfy and Part F2.4 of the BCA and the DDA Access Code.	TTTW - 1 III :	

Identification – Braille and tactile signage

BCA / DDA Access Code Review	Complies
58. Sanitary Facilities - Details concerning the provision of raised tactile and Braille signage for ALL of the toilets as required by Part D3.6 and Specification D3.6 of the BCA, will be provided at construction certificate stage.	YES at CC stage
59. Fire Exit Doors - FIRE EXIT signs on doors shall also be detailed with raised tactile and Braille characters as required by Part D3.6 and Specification D3.6 of the BCA.	YES at CC stage
60. Hearing Augmentation - Details concerning the provision of raised tactile and Braille signage for rooms installed with assistive listening systems (such as Teaching spaces and theatre/auditoria areas that provide voice amplification), as required by Part D3.6 and Specification D3.6 of the BCA, will be provided at construction certificate stage.	YES at CC stage

Furniture and Fitments

Dept of Education Access Policy Review	Complies
61. Details concerning the provision of accessible workstations, counters, kitchenettes, seating, lighting etc as specified by Education NSW will be provided at construction documentation stage consistent with the DDA.	Can Comply



Appendix A - Statement of Expertise



CONSULTANCY PROFILE & STATEMENT OF EXPERTISE

Accessibility Solutions consultancy offers a range to services to provide advice for clients to develop new and modify existing buildings, facilities and services to be accessible to people with disabilities to comply with legislation and regulations relevant to people with disabilities.

Relevant legislation and regulations that underpins advice includes the Disability Discrimination Act (DDA) Building Code of Australia, Australian Standards 1428, DDA Premises Standards, DDA Transport Standard, State Environment Planning Policy Housing for Seniors or People With a Disability (SEPP HS) / Seniors Living Policy, SEPP 65 – Apartment Design Guide and various local government DCPs.

The scope of services provided by Accessibility Solutions includes:

- Plan Appraisals and design advice
- Access Reports for development applications and construction certificates
- Expert Reports for Court evidence
- Access Auditing of existing buildings, facilities, transport conveyances and infrastructure
- Policy and document reviews and development of Disability Action Plans
- Staff training in access auditing

The services consider issues concerning people with all types of disability including; physical; vision; hearing, intellectual and other cognitive impairments that may affect access for people with a disability consistent with the Disability Discrimination Act.

As principal consultant Mark Relf has considerable experience and expertise in a wide range of access related projects and is an accredited member of the Association of Consultants in Access Australia for the purposes of providing advice concerning access to the built environment and services for people with disabilities.

His expertise has been gained over 20 years working in management and advocacy roles within the disability sector and since 1994 providing advice to clients on access issues. Mark also participates on various key committees concerning access for people with disabilities. His qualifications and affiliations are:

- Accredited Member of the Association of Consultants in Access Australia.
- Member, Standards Australia ME/64 Committee responsible for the AS1428 suite and AS4299 – Adaptable Housing.
- Former Member 2000-2014, NSW Heritage Office's Fire, Access and Services Advisory Panel.



