

APPENDIX A

UPDATED PROJECT DESCRIPTION

PROJECT DESCRIPTION

Talavera Road Data Centre Campus Expansion
17 – 23 Talavera Road, Macquarie Park (Lot 527 DP 752035)

SSD-24299707

PROJECT DESCRIPTION – SSD-24299707

Project:	State Significant Development Application (SSD-24299707) For Talavera Road Data Centre Campus Expansion
Applicant:	Macquarie Data Centres
Site:	17 – 23 Talavera Road, Macquarie Park Lot 527 DP 752035

The proposed development consists of an extension to the existing data centre at 17 – 23 Talavera Road, Macquarie Park (Lot 527 DP 752035), approved under LDA2018/0322, to allow for additional data storage capacity in response to increasing demand.

The proposal seeks to operate 24 hours per day, seven (7) days per week, and would generate approximately 610 construction jobs per annum for the new purpose-built data centre and a total of approximately 49 operational jobs for the consolidated facility.

The proposal is summarised below:

- Minor earthworks involving cut and fill works;
- Construction of new 2,100mm stormwater pipeline and decommissioning of existing 1,800mm stormwater pipeline;
- Infrastructure comprising civil works and other utilities servicing;
- Removal of 79 trees and planting of 83 new trees (within the site);
- Removal of 4 trees (outside the site);
- Construction of a seven (7) storey plus ground level, building extension, comprising up to:
 - An additional 16,142m² of GFA
 - 15 data halls
- Increase in total data centre capacity by an additional 38MW;
- Increase in the diesel storage capacity by an additional 461,000L;
- Additional 20 backup generators, plus one (1) small diesel emergency generator;
- Additional set of dual 33kV feeder;
- Storage of lithium ion batteries (Class 9 DGs);
- 71 On site car parking spaces;
- Complementary landscaping (2,978m²);
- Hours of operation being on a 24 hours per day, 7 days per week, basis.

Consent is sought to develop the subject site for additional data storage, in accordance with the following plans.

REGISTER OF PROJECT PLANS			
Drawing	Title	Rev.	Date
Civil drawings			
170095-02 C201.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN	01	26.10.22
170095-02 C201.02	SPECIFICATION NOTES	01	26.10.22
170095-02 C202.01	SEDIMENT AND SOIL EROSION CONTROL PLAN	01	26.10.22
170095-02 C203.01	LEVEL DIFFERENCE PLAN	01	26.10.22
170095-02 C204.01	SITeworks AND STORMWATER MANAGEMENT PLAN	01	26.10.22
170095-02 C204.21	STORMWATER LONGITUDINAL SECTION – SHEET 1	01	26.10.22

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170095-02 C204.22	STORMWATER LONGITUDINAL SECTION – SHEET 2	01	26.10.22
170095-02 C204.51	STORMWATER CATCHMENT PLAN	01	26.10.22
170095-02 C208.01	RETAINING WALL ALIGNMENT CONTROL PLAN	01	26.10.22
170095-02 C208.11	RETAINING WALL LONGITUDINAL SECTION – SHEET 1	01	26.10.22
Tree works & landscaping drawings			
210503 SSD-00	LANDSCAPE COVER SHEET	R	04.11.22
210503 SSD-01	LANDSCAPE MASTERPLAN	R	04.11.22
210503 SSD-02	LANDSCAPE DETAIL PLAN	R	04.11.22
210503 SSD-03	TREE RETENTION & REMOVAL PLAN	R	04.11.22
210503 SSD-04	LANDSCAPE SECTIONS	R	04.11.22
210503 SSD-05	SPECIFICATIONS & DETAILS	R	04.11.22
210503 SSD-06	PLANT SCHEDULE & IMAGERY	R	04.11.22
Architectural drawings			
10301489 A1001	COVER PAGE	B	26.10.22
10301489 A1301	SITE PLAN	G	26.10.22
10301489 A1302	LOCATION PLAN	F	26.10.22
10301489 A2001	GFA – SHEET 1	G	26.10.22
10301489 A2002	GFA – SHEET 2	G	26.10.22
10301489 A2003	GFA – SHEET 3	C	26.10.22
10301489 A2101	GENERAL ARRANGEMENT – GROUND LEVEL	E	26.10.22
10301489 A2102	GENERAL ARRANGEMENT – LEVEL 01	E	26.10.22
10301489 A2102.1	GENERAL ARRANGEMENT – LEVEL 01B	C	26.10.22
10301489 A2103	GENERAL ARRANGEMENT – LEVEL 02	E	26.10.22
10301489 A2104	GENERAL ARRANGEMENT – LEVEL 03	E	26.10.22
10301489 A2105	GENERAL ARRANGEMENT – LEVEL 04	E	26.10.22
10301489 A2106	GENERAL ARRANGEMENT – LEVEL 05	E	26.10.22
10301489 A2107	GENERAL ARRANGEMENT – LEVEL 06	E	26.10.22
10301489 A2108	GENERAL ARRANGEMENT – ROOF LEVEL	D	26.10.22
10301489 A3011	NORTH ELEVATION	E	26.10.22
10301489 A3012	WEST ELEVATION	E	26.10.22
10301489 A3013	SOUTH ELEVATION	E	26.10.22
10301489 A3014	EAST ELEVATION	D	26.10.22
10301489 A3101	SECTION – 1	B	26.10.22
10301489 A3102	SECTION – 2	B	26.10.22
10301489 A3103	SECTION – 3	B	26.10.22
10301489 A3104	SECTION – 4	B	26.10.22
10301489 A3105	SECTION – 5	B	26.10.22
10301489 A8010	INDICATIVE VIEW OF ENTRY	C	26.10.22
10301489 A8011	INDICATIVE VIEWS FROM TALAVERA ROAD	C	26.10.22
10301489 A8051	SHADOW DIAGRAM – SPRING-SUMMER	D	26.10.22
10301489 A8052	SHADOW DIAGRAM – AUTUMN-WINTER	D	26.10.22
10301489 A8051	SHADOW DIAGRAM – SPRING-SUMMER	D	26.10.22
10301489 ADA-3001	OVERALL SITE ELEVATIONS	F	26.10.22