



Level 1, 15 Atchison Street, St
Leonards, NSW 2065
Telephone +612 9437 1022
www.erbas.com.au

Date: 3 March 2025
Site Address: Brabyn Street Paramatta East
Client: NSW Department of Education
Type of Certification: Design Certificate - Hydraulic
Building Class(s): Class 5, 7b & 9b
erbas™ Project Number: SYD22246
Design Engineer: Michael Slatter

The hydraulic services specified and documented by erbas™ for the project located at, Brabyn Street Paramatta East have been, to the best of my knowledge, designed in compliance with the codes and Australian Standards listed below to be capable of performing to a standard not less than that required and for the purposes of progression into shop drawings and construction by a suitably qualified hydraulic trade contractor. Furthermore, the upgraded school will be adequately serviced by water and sewer services, and the necessary upgrades to these services have been outlined to ensure they are suitable for the development scope.

Pursuant to the provisions of Clause A5G3(e) of the National Construction Code of Australia (NCC 2022 Volume 1), we hereby certify that the design is in accordance with the normal engineering practice and meets the requirements of the Building Code of Australia and relevant Australian Standards as applicable and listed below.

Hydraulic Services	Australian Standard	NCC 2022:Volume 1	NCC 2022:Volume 3
Glossary of terms	AS/NZS 3500.0:2021	A1G4	A1G4
Water Services	AS/NZS 3500.1:2018	N/A	B5D6
Water Services	AS/NZS 3500.1:2021	N/A	B1D3, B1D6, B3D3, B5V1, B5D2, B5D3, B5D4, Spec 41, B6D2, B6D3, B6D5, B7D3
Sanitary Plumbing & Drainage	AS/NZS 3500.2:2021	N/A	C1D3, C1V1, C1V2, C1V3, C1V4, C1V5, C2V2, C2D4
Stormwater Drainage	AS/NZS 3500.3:2021	F1D3	N/A
Heated Water Services	AS/NZS 3500.4:2021	N/A	B2D6, B2D7, B2D9
Fire Hose Reel System	AS 2441:2005 (Amnd 1)	E1D3	B4D5
Fire Hydrant System	AS 2419.1 Part 1:2021	C3D13, E1D2, Spec 18, I3D9	B4D4

This design references the below-listed documents as applicable:

Document Title
BCA report: Philip Chun Building Compliance BCA 2022 Report 100% Schematic Design Ref: 24-222129 SINSW_100%ParamattaEast_BCAREportR03_20241035+1 Date: 31 October 2024
Fire Engineering: MCD Fire Engineering - Fire Engineering Consultant Advice Note No.1 (R2) Ref: S24113.00 Date: 14 October 2024



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The design and minimum performance requirements for the building services systems applicable to this letter are detailed within the following drawings and specifications:

Document Number	Title	Revision
SYD22446-H0000	COVER SHEET	P3
SYD22446-H0001	NOTES, LEGENDS AND SYMBOLS	P3
SYD22446-H0050	SITE PLAN EXISTING	P3
SYD22446-H0051	SITE PLAN DEMOLITION	P3
SYD22446-H0052	PROPOSED SITE PLAN – DRAINAGE LAYOUT	P3
SYD22446-H0053	PROPOSED SITE PLAN – PRESSURE SERVICES LAYOUT	P3
SYD22446-H1001	GROUND FLOOR DRAINAGE LAYOUT SHEET 1	P4
SYD22446-H1002	GROUND FLOOR DRAINAGE LAYOUT SHEET 2	P4
SYD22446-H1003	GROUND FLOOR DRAINAGE LAYOUT SHEET 3	P3
SYD22446-H2001	GROUND FLOOR PRESSURE LAYOUT SHEET 1	P4
SYD22446-H2002	GROUND FLOOR PRESSURE LAYOUT SHEET 2	P5
SYD22446-H2003	GROUND FLOOR PRESSURE LAYOUT SHEET 3	P3
SYD22446-H3001	GROUND FLOOR – FH COVERAGE	P2
SYD22446-H3002	FIRST FLOOR – FH COVERAGE	P2
SYD22446-H3003	SECOND FLOOR – FH COVERAGE	P2
SYD22446-H1011	FIRST FLOOR – DRAINAGE LAYOUT SHEET 1	P4
SYD22446-H1012	FIRST FLOOR – DRAINAGE LAYOUT SHEET 2	P4
SYD22446-H2011	FIRST FLOOR - PRESSURE LAYOUT SHEET 1	P4
SYD22446-H2012	FIRST FLOOR - PRESSURE LAYOUT SHEET 2	P3
SYD22446-H1021	SECOND FLOOR – DRAINAGE LAYOUT SHEET 1	P4
SYD22446-H1022	SECOND FLOOR – DRAINAGE LAYOUT SHEET 2	P4
SYD22446-H2021	SECOND FLOOR - PRESSURE LAYOUT SHEET 1	P4
SYD22446-H2022	SECOND FLOOR - PRESSURE LAYOUT SHEET 2	P4
SYD22446-H1031	ROOF – DRAINAGE LAYOUT SHEET 1	P4
SYD22446-H1032	ROOF – DRAINAGE LAYOUT SHEET 2	P3
SYD22446-H2031	ROOF – PRESSURE LAYOUT SHEET 1	P3
SYD22446-H9000	DETAIL SHEET 1 - DRAINAGE	P1
SYD22446-H9001	DETAIL SHEET 2 – PRESSURE SERVICES	P3
SYD22446-H9002	DETAIL SHEET 3 – PRESSURE SERVICES	P3
SYD22446-H9003	DETAIL SHEET 4 – AUTHORITIES INFORMATION	P3

This Certification is limited to the works designed by erbas™ under the Contract as detailed in the documentation listed above. It remains the responsibility of the installing contractor to ensure installation compliance sufficient to meet the intent and performance of the guiding codes and standards as relevant to the works.

Yours faithfully

DocuSigned by:

Michael Slatter

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Michael Slatter
erbas™
Executive Director

Qualifications

Adv Dip. Hydraulic and Fire services
Accredited Certifier, Reg no: 3465
Principal Design Practitioner, Reg no: PDP0000735
Design Practitioner, Reg no: DEP0002145
Licensed & Registered Plumber, Drainer & Gasfitter, Lic no:
228552C

Memberships

MHCAA, Member no: 32864
MAHSCA, Member no: 3112
MFPAA, Member no: 37391
MNFPA, Member no: 3351667
MSoCLA, Member no: 3041