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WYONG HOSPITAL REDEVELOPMENT STAGE 3 REFURBISHMENT - BLOCK B & BLOCK C | ESD STATEMENT

PROJECT NO.:	220481
TO:	Bonnie Butcher Colliers
DATE:	10 August 2023
DESCRIPTION:	ESD Statement addressing HINSW's ESD requirements

JHA has been engaged to provide a statement for the Wyong Redevelopment Stage 3 project in relation to HINSW ESD requirements. The project is located at 2263 Pacific Highway, Hamlyn Terrace NSW 2259 and consists of multiple buildings. This statement covers the proposed refurbishment works to buildings Block B & Block C only.

Proposed Project Scope

Block B will be refurbished to accommodate the following departments:

- Nunyara Aboriginal Health Unit
- Wyong Women's Centre Clinics
- Medical Staff Workspace
- New South Wales Health Pathology

Block C will be refurbished to accommodate the following departments:

- Expanded Cancer Day Unit
- Career Support Unit

Governing ESD Regulations and Guidelines

- National Construction Code (NCC) Section J Energy Efficiency
- HINSW Engineering Services Guideline
- HINSW DGN 058
 - HI ESD Framework

Project's Response

The proposed project involves the refurbishment and system upgrades of existing buildings, without any significant construction works.

As an experienced professional in the ESD industry with a diverse background in various project types, I have thoroughly evaluated the nature of the proposed project and the implications of applying the HI ESD Evaluation Tool. Given the project's scope and the resulting limitation to applying HI ESD Framework, it is JHA's recommendation that in lieu of applying the HI ESD framework in full, the project team will implement best practice ESD initiatives as applicable within the scope of the project, in addition to the mandatory requirements of NCC Section J.

Examples of best practice ESD initiatives that will be implemented include:

- FFE Selections – energy efficient equipment and fittings with long life spans, all electrical equipment
- Appropriate selection of materials that are sustainable, have low toxicity, have a long life span, require little maintenance, and lower levels of embodied energy.
- Enhancing construction waste minimisation and maximised waste recycling during construction.
- Water usage reduction through the appropriate selection of hydraulic fixtures for minimising need, and optimising efficiency.
- Adaptive reuse of existing infrastructure.

These initiatives align with ESD strategies outlined in the original Wyong Hospital Redevelopment project Business Case, of which this project scope was contemplated by, and also by the Cancer Day Unit project brief. These initiatives will be documented and tracked through the project sustainability plan.

The project team will implement best practice ESD initiatives as applicable within the scope of the project, in addition to the mandatory requirements of NCC Section J.

We seek HI's approval of the above proposed ESD approach for the project. We welcome any additional feedback or suggestions to achieving the project's sustainability goal within the scope of the project. Please do not hesitate to contact us if further clarifications of our proposed approach are needed.

Yours Sincerely,



Eddith Chu

Senior Sustainability Engineer

EDDITH CHU | SENIOR SUSTAINABILITY ENGINEER

Sustainability Professional with significant industry experience in the built environment and sustainable design. Accredited NatHERS Assessor and Green Star Accredited Professional. Eddith is experienced in delivering a variety of projects, including residential and commercial developments, through NatHERS assessment, Section J, JV3 modelling, SDA & Storm water report, BASIX (NSW) and BESS (VIC), report generation and Green Star certification.



QUALIFICATIONS

Master of Engineering Management Engineering, 2018, UTS

Bachelor of Engineering in Renewable Energy Engineering, 2015, UNSW

AFFILIATIONS

Green Star Accredited Professional

NatHERS Assessor

ACT building assessor – Class A Energy Efficiency

EnviroDevelopment Professional

KEY PROJECT EXPERIENCE

- St George Hospital, NSW
- Lithgow Hospital, NSW
- Muswellbrook Hospital, NSW
- NSW Ambulance Relocation, NSW
- NIOA head office extension, QLD
- Jindabyne Hotel, NSW
- Leppington Anglican College, NSW
- Catholic Education Diocese of Parramatta (CEDP) Schools – Bede Polding/St Angela's/Our Lady of Lourdes, NSW
- Uniting Charlestown, NSW
- Castle Island, NSW
- St Leonards East Quarter, NSW
- Allity Rosemore, NSW
- Allity Brentwood, NSW
- Sunrise Beach RACF, QLD
- Woollooware Shores, NSW
- The Oaks, ACT
- Hammondcare, SA
- TAFE Meadowbank, NSW

HI Environmentally Sustainable Development (ESD) Framework – Applicability to Town Planning Pathways

What	Planning Pathway	ESD Framework Assessment Required?	Compliance with ESD Framework
New Building	SSDA/ SSI	Yes	Yes
	Crown DA	Yes	See HI Planning*
	REF	Yes	See HI Planning*
	Complying Development	Yes	See HI Planning*
Alterations and Additions to a building	SSDA	Yes	Yes
	Crown DA	Yes	See HI Planning*
	REF	Yes	See HI Planning*
	Complying Development	Yes	See HI Planning*
Demolition	Any	No	No
Car Parks	SSDA/	Yes	Yes
	Crown DA	Yes	See HI Planning*
	REF	Yes	See HI Planning*
	Complying Development	Yes	See HI Planning*

- An assessment of all projects in accordance with the ESD Framework must be undertaken, and compliance is required for all SSD/ SSI Applications.
- * For all other projects not subject to SSD or SSI (i.e. any project that requires any other town planning approval pathway), if compliance with the framework cannot be achieved justification must be provided to HI Planning outlining:
 - why compliance cannot be achieved; and
 - what ESD initiatives have been committed to for the project.