



1 Bed Room - Mental Health, Nested Ensuite

Room Code	1BR-MH-NE
Briefed Area	15.00 m ²
Ceiling Height	2.7 m
Occupancy	1 patient; 1-2 staff intermittently
Hours of Operation	24 hours

Description | The 1 Bed Room - Mental Health, Nested Ensuite provides a single occupancy bedroom for consumers in a mental health inpatient unit. The nested ensuite layout is used in conjunction with the Ensuite - Mental Health, Nested (ENS-MH-NE). Alternatively, an inboard ensuite layout may be provided (see 1BR-MH-IN).

Electrical	PROTECTION: body protected <input checked="" type="checkbox"/>	HVAC	AIRCONDITIONING: general <input checked="" type="checkbox"/>
	PROTECTION: cardiac protected <input type="checkbox"/>		AIRCONDITIONING: HEPA filtered <input type="checkbox"/>
Lighting	LIGHTING: general <input checked="" type="checkbox"/>	AIRCONDITIONING: positive pressure <input type="checkbox"/>	AIRCONDITIONING: negative pressure <input type="checkbox"/>
	LIGHTING: colour corrected <input type="checkbox"/>	VENTILATION: exhaust <input type="checkbox"/>	VENTILATION: supply <input type="checkbox"/>
	LIGHTING: dimmable <input type="checkbox"/>	VENTILATION: natural <input type="checkbox"/>	
	LIGHTING: indirect <input type="checkbox"/>		
Nurse Call and Duress	NURSE CALL SYSTEM: buttons / handset <input checked="" type="checkbox"/>	Medical Gas	MEDICAL GAS: general anaesthesia <input type="checkbox"/>
	NURSE CALL SYSTEM: annunciator <input type="checkbox"/>		MEDICAL GAS: special care <input type="checkbox"/>
	DURESS: fixed <input type="checkbox"/>		MEDICAL GAS: special care, neonatal ventilation <input type="checkbox"/>
	DURESS: wireless coverage <input checked="" type="checkbox"/>		MEDICAL GAS: birthing <input type="checkbox"/>
Security	ACCESS CONTROL: to door <input type="checkbox"/>	Hydraulic	WATER: drinking <input type="checkbox"/>
	ACCESS CONTROL: to item / joinery <input type="checkbox"/>		WATER: specialty <input type="checkbox"/>
	INTERCOM: service communications <input type="checkbox"/>		DRAINAGE: sanitary <input type="checkbox"/>
	INTERCOM: security and access control <input type="checkbox"/>		DRAINAGE: specialty <input type="checkbox"/>
	CCTV: camera coverage within room <input type="checkbox"/>	Fire	DETECTION: smoke <input checked="" type="checkbox"/>
	INTRUSION DETECTION: door monitoring <input type="checkbox"/>		DETECTION: heat <input type="checkbox"/>
	INTRUSION DETECTION: spatial monitoring <input type="checkbox"/>		
ICT and Audio Visual	AUDIO VISUAL: patient entertainment system <input type="checkbox"/>	Shielding	SHIELDING: ionising radiation <input type="checkbox"/>
	AUDIO VISUAL: visitor experience system <input type="checkbox"/>		SHIELDING: magnetic and radio frequency <input type="checkbox"/>
	AUDIO VISUAL: virtual collaboration system <input type="checkbox"/>	Acoustics	SPEECH PRIVACY:
	AUDIO VISUAL: clinical support system <input type="checkbox"/>		not private moderate private confidential
	AUDIO VISUAL: digital operating room system <input type="checkbox"/>		NOISE SENSITIVITY:
Accessibility	AUDIO: hearing augmentation <input type="checkbox"/>	not sensitive low medium high	NOISE GENERATION:
	VISUAL: luminance contrast <input checked="" type="checkbox"/>	low moderate high very high	
	SIGNAGE: accessible, statutory <input type="checkbox"/>		

Additional Considerations

- Unique requirements will exist in different care settings (i.e. intensive care, high dependency, acute, sub-acute, non-acute, units for children and adolescents, unit for older persons, etc.) and confirmation of the factors to be considered to meet the different service requirements and patient cohorts is required at project level.
- All fittings and fixtures used must be of a type manufactured and marketed as anti-ligature. Requirements for the selection of suitable finishes, hardware, fixtures and fittings (including any weight limits for load release for certain fixtures) must be confirmed at project level based on service requirements, patient safety policies, local design guidance, risk assessments and confirmation of operational models. This includes the door, door hardware, joinery surfaces, joinery hardware, engineering services outlets

and any ceiling mounted fixtures and services. All tamper proof and anti-ligature items must be installed in accordance with their manufacturer's instructions.

- Where an accessible room is required to be provided, in order for the room to meet accessibility requirements, anti-ligature fittings may require a performance solution. This must be considered and addressed at project level with appropriate accessibility and building code consultants to meet applicable legislation and standards.
- All glazing (including external windows) is to be Grade A safety glass to comply with AS/NZS 2208 and AS 1288. Toughened and laminated glass with a structural interlayer is recommended. Additional requirements for glazing are to be confirmed at project level to suit the specific mental health environment (i.e. non-acute, sub-acute, acute, high dependency, intensive care, etc.).
- Window size and minimum sill height are to be confirmed at project level to ensure access to natural daylight and external views from the bed and seating areas within the room. The type of window covering (e.g. integral venetians, integral blackout, etc.) and associated controls are also to be confirmed at project level.
- Doors should be selected to support safety, dignity and wellbeing. Selections should be non-institutional in appearance to the extent possible. It is recommended that the door set is selected as a full assembly to ensure the leaf, frame and hardware are coordinated and meet all tamper proof, anti-ligature and anti-barricade requirements when used together. It is recommended that projects review in-situ installations/prototypes to confirm which solution addresses all requirements of their mental health environment.
- The inclusion of door top or side anti-ligature alarms connected to the emergency call/duress systems may be considered and assessed at project level to confirm if these systems suit service requirements.
- A vision panel is indicated in the door leaf for supporting observation checks by staff, which are discussed as part of care planning in consultation with the consumer. Inclusion and size of vision panel to be confirmed to suit service requirements. Controls for the integral blind to be provided to both bedroom and corridor sides of the vision panel. Switchable glass may be provided in lieu of an integral blind. Height and positioning of the vision panel is to be confirmed to support requirements for observation.
- Rooms are to be lockable from the bedroom side, to support patient autonomy, privacy and sense of safety, with staff override/master key access from the outside for use as required. The provision of access control devices, such as card/wristband readers, is optional and provision is dependent on service requirements and operational models. Support for programming and provision of devices is required for implementation.
- The ergonomic operation of the door hardware/handles is to be considered when doors are being selected as some products are difficult to grip for those with limited hand function.
- The ceiling height is indicated as 2.7m. Based on a risk assessment, the ceiling height is to be confirmed at a project level. Selection of FF&E (beds, chairs, ottomans, etc.) is to be considered in conjunction with assessing ceiling height to ensure consumers cannot reach or cause damage to the ceiling or services located on the ceiling. A plywood backing to the ceiling finish may be considered to provide a robust, impact resistance surface, particularly in high dependency and intensive care areas.
- Co-ordination of the services on the ceiling is important as it is ideal to reduce visual clutter over the bed and place services out of reach from raised fixed surfaces (e.g. the bed or desk). To reduce the number of services fixtures that need to be provided on the ceiling within the bedroom, removal/relocation of emergency warning equipment such as speakers/strobes may be considered (with confirmation required by the project's building code consultant as a performance solution). All ceiling mounted services fixtures (lights, air conditioning grilles, smoke detectors, wireless access points) are to be designed as tamper proof and anti-ligature and installed as per manufacturer's instructions.
- The selection of finishes in rooms for mental health units is to be carefully considered to support the provision of a welcoming, warm and therapeutic atmosphere. Interior design should aim to eliminate an institutional feel. Flooring and skirting selections are to be considered at project level based on risk assessment for provision of alternative options (e.g. timber/MDF skirting in lieu of coved skirtings).
- Where caulking is required for finishing between surfaces it is recommended "anti-pick" caulking is used.
- A mirror is indicated as optional. If provided, the material of the mirror is to be confirmed at project level to suit service requirements. To ensure item is installed to be secure, tamper proof and anti-ligature, it is to be glued to a backing material and screw fixed (or equivalent installation method).
- An adjustable height electric bed is indicated in the Standard Component. The bed may alternatively be provided as a fixed plinth type, depending on service requirements. Clearances around bed to be maintained.
- The configurations and size of the wardrobe and bedside table for patient clothing and property storage are to be confirmed at project level to suit storage requirements and operational models for patient property storage and laundry.
- Provision of a safe within the wardrobe joinery is optional and provision is dependent on operational models for property storage. Where a safe is provided, shelves will need to be reinforced and installation of the safe is to ensure that no gaps or ligature points are created.
- Requirements for lighting types (general room, reading, task, night lights, sensory lighting, etc.) configuration, and controls (in-room, external controls, etc.) are to be confirmed at project level to suit requirements.
- In this Standard Component a Patient to Staff call button has been indicated. However, staff assist and emergency call buttons have not been included on the assumption that portable call duress devices are provided to staff. Projects must confirm nurse call system requirements based on the unit's service requirements and operational models.

- Mobile duress coverage is to be assessed and planned at a department level and coverage is to meet local security and WHS policies as well as operational service requirements. The location of Wi-Fi access points is to be carefully considered to ensure strong coverage is provided for mobile duress functions.
- The provision of USB outlets for device charging may be considered at project level in line with local policies on maintenance and electrical services provisions.
- Provision of a wall mounted television/patient entertainment system may be considered at project level to suit local jurisdictional and operational service requirements. If provided, ensure that the screen is recessed and/or within a tamper proof and anti-ligature enclosure with appropriate fittings and sufficient ventilation.
- Provision of sensors e.g. to detect falls and monitor high risk behaviour patterns may be considered at project level to suit service requirements and in line with local policies.
- Leakage protection devices (LPDs) such as residual current devices (RCDs) that cover the electrical services within this Standard Component are assumed to be provided in a central area within the unit (e.g. at a staff station). Location is to be confirmed at project level.



Doors and Windows

CODE	DESCRIPTION	COMMENT
DOHI-017.12	DOOR: hinged, 1 leaf, 1100 clear opening, solid, anti-ligature and anti-barricade, standard vision panel, with integral blind	inclusion and size of vision panel to be confirmed to suit service requirements; controls for integral blind to be provided to both bedroom and corridor sides of the vision panel; switchable glass may be provided in lieu of integral blind; additional requirements for glazing in vision panel to be confirmed to suit the mental health environment
<i>AFDPR-006.05</i>	<i>DOOR PROTECTION: plate, full height</i>	<i>optional; provision dependent on leaf material and finish</i>
<i>ITSE-261</i>	<i>READER: security, access control, proximity card, wall mounted</i>	<i>optional; outside door for card/wristband swipe access; provision dependant clinical service requirements and operational models; door mounted hardware is also acceptable</i>
DOHI-002.03	DOOR: hinged, 1 leaf, 850 clear opening, solid, anti-ligature	to ensuite (see ENS-MH-IN); with angled cut down from top; may alternatively be provided as magnetic leaf/saloon style doors
WIOP-255.03	WINDOW: operable, jockey sash, external, double glazed, sill at 600H, with integral blind, tamper proof, anti-ligature	operability (jockey sash) as required to allow maintenance of integral blind; additional requirements for glazing to be confirmed to suit the mental health environment



Finishes

CODE	DESCRIPTION	COMMENT
FLVY-102	FLOOR FINISH: vinyl, seamless, standard slip resistance, cushioned	
FLSK-022	SKIRTING: vinyl, integral with floor vinyl, coved, tamper proof, anti-ligature	
WLFI-002	WALL FINISH: paint, clinical areas	
CLFS-011	CEILING: flush set, suspended	
CLCN-031	CORNICE: square set	



Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOBE-011	BENCH: 500D, laminate	1	1	
JOBH-022	BEDHEAD: full height, tamper proof, anti-ligature	1	1	
JOCU-406	WARDROBE: built-in, open, fixed shelves, tamper proof, anti-ligature	1	1	

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOGE-001	BULKHEAD: joinery	①	1	to wardrobe



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-057	NOTICE BOARD: fixed, fabric covered, tamper proof, anti-ligature	②	1	to bench; material and method for attaching items to be confirmed to suit operational models
FIBM-152	MIRROR: fixed, safety glass, toughened and laminated, frameless, tamper proof, anti-ligature	①	1	optional; material to be confirmed at project level to suit service requirements
FQBS-111	CHAIR: visitor, mental health	③	1	
FQBS-354	LOUNGE: ottoman	③	1	
FQSN-107	BEDSIDE TABLE: fixed, patient locker, tamper proof, anti-ligature	③	1	
FQSN-123	SAFE: small, integral to joinery	①	1	optional; to wardrobe; provision dependent on operational models for property storage
MMBE-141	BED: patient, electric, with mattress, mental health	③	1	may alternatively be provided as a fixed plinth type bed depending on service requirements



Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-101	GPO: single, wall mounted	①	1	low height, for bed
ELGP-201	GPO: double, wall mounted	①	2	1 to bedhead, 1 to bench
ELSW-001	SWITCH: light	①	3	2 for general room lights (1 to entry and 1 to bedhead), 1 for ensuite lights, 1 for light over bench
ELSW-002	SWITCH: light, 2-gang	①	1	optional; required for reading light and night light if provided; to bedhead
ITCL-127	BUTTON: nurse call, patient to staff call, with cancel, joinery mounted	①	1	
LIFX-156	LIGHT: night, wall recessed, tamper proof, anti-ligature	①	1	optional; control to bedhead; an additional control may be provided outside the bedroom to support staff observation (restriction of access to external light control must be considered)
LIFX-168	LIGHT: reading, ceiling recessed, tamper proof, anti-ligature	①	1	optional; may alternatively be integrated into the bedhead if provided

For guidance on how to use the Room Data Sheet, please visit the [AusHFG website](#).