

AUSTRALASIAN HFG STANDARD COMPONENTS

Room Layout Sheet

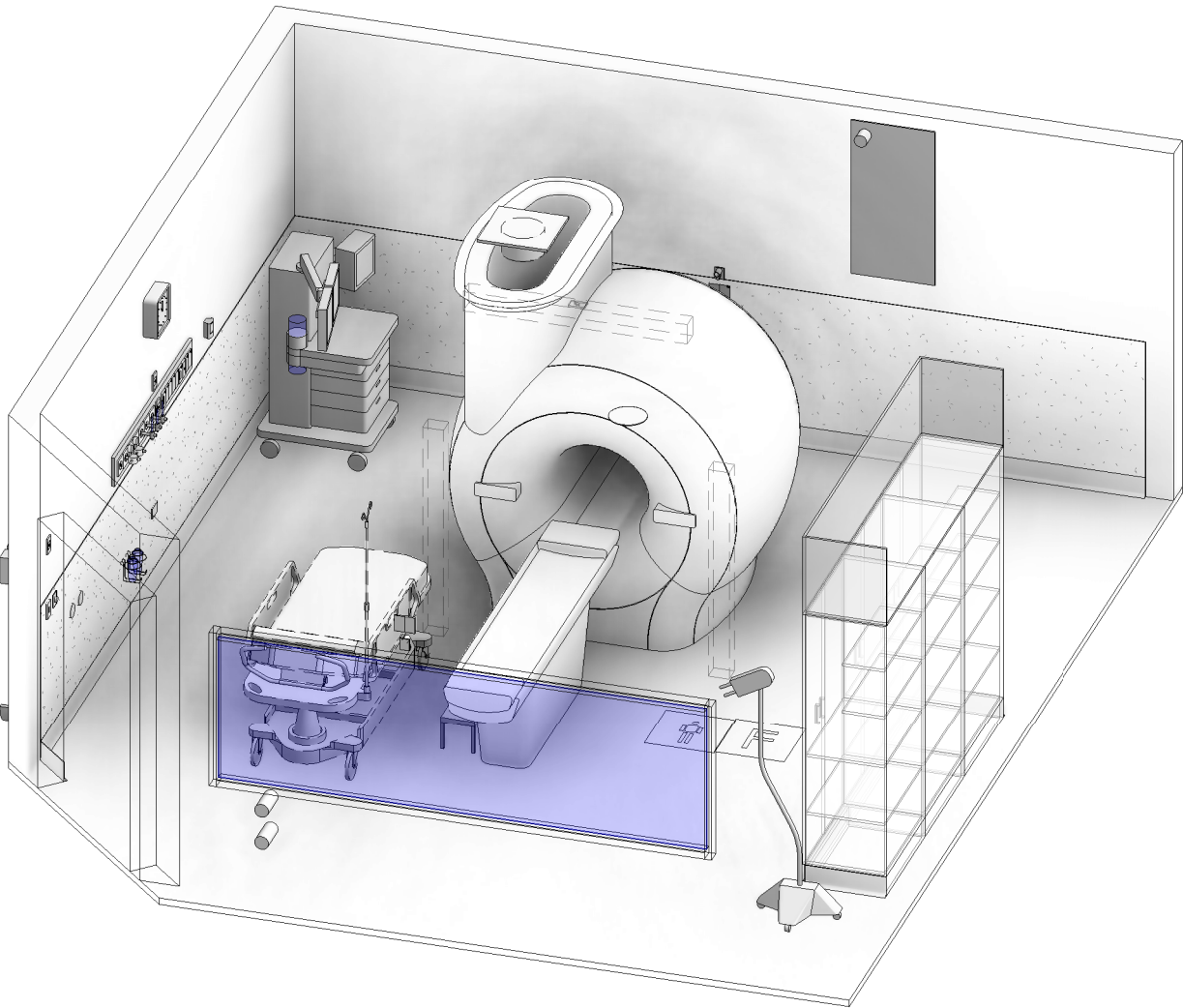
RLS Room Code: MRIR

The use of nitrous oxide in operating theatres, procedural suites and emergency departments is declining due to a range of clinical and environmental concerns. It is, however, still commonly used in maternity and paediatric services. With the exception of maternity and paediatric services, reticulated nitrous oxide and associated scavenge outlets are to be considered optional. Where found to be clinically necessary, provision of nitrous oxide via piped outlets or via cylinder is to be determined at a project level, based on an assessment of expected clinical needs, security of gas sources, operational considerations such as monitoring and measurement of usage, and management of leakage.

1:50 2.5m 2 1.5 1 0.5 0

Room Name:

MRI ROOM



CODE	DESCRIPTION
DWPR-005	DOOR PROTECTION: protection plate to 900 AFFL
ELBO-001	BUTTON: emergency stop
ELBO-012	SWITCH: light, dimmer
ELGP-101	GPO: single, ceiling mounted
ELGP-109	GPO: single, wall mounted
ELGP-110	GPO: single, wall mounted, cleaner
ELGP-122.1	GPO: emergency power, single, on services panel (V)
ELGP-123.1	GPO: emergency power, single, wall mounted (V)
ELGP-133	GPO: UPS, single, on services panel
ELPR-001	BODY PROTECTED ELECTRICAL AREA
ELPR-006	RCD: residual current device
ELPR-007	UPS: status indicator
FIHR-019	BRACKET: for suction bottle
FIHR-082	BRACKET: for observation camera, MRI compatible, wall mounted
FJJO-116	CUPBOARD: tall, double door, adj shelves
FJJO-212	BULKHEAD: joinery
FLSK-010	SKIRTING: vinyl, floor vinyl coved, 150H, prefinished
FLVY-007	FLOOR FINISH: vinyl, seamless, coved, standard slip resistant
FOBS-037	FOOTSTOOL
ITAV-057	SPEAKER: ceiling recessed
ITCL-004	BUTTON: nurse call, emergency
ITCL-008	BUTTON: nurse call, staff assist
ITCL-014	CLOCK: analogue, electric
ITIN-016	OUTLET: data, single RJ45, wall mounted
ITSE-025	DOOR RELEASE: access control, remote activation

CODE	DESCRIPTION
MEGE-016	SENSOR: oxygen depletion
MGAS-022	OUTLET: medical air (MA), on services panel
MGAS-032	OUTLET: nitrous oxide (N2O), on services panel
MGAS-042	OUTLET: oxygen (O2), on services panel
MGAS-053	OUTLET: scavenge, on services panel
MGAS-062	OUTLET: suction, on services panel
MGFP-002	FLOWMETER: medical air
MGFP-004	FLOWMETER: oxygen
MMGE-002	ADAPTER: suction
MMGE-100	SUCTION BOTTLE
MMMI-175	CABIN: radio frequency, faraday cage, MRI
MMMI-180	DEVICE: imaging, magnet, MRI
MMMI-183	INJECTOR: contrast, MRI
MMMI-185	PIPE: quench, MRI
MMMI-188	CAMERA: observation, MRI
MMMI-191	TABLE: patient, fixed, MRI
MMMI-195	WINDOW: radiofrequency, MRI
MMMI-198	MACHINE: anaesthetic, MRI compatible
MMMI-199	PANEL: waveguide, MRI
MMMI-200	TROLLEY: patient, transport, MRI compatible
MMMI-201	PANEL: penetration, MRI
MMMI-368	LASER: positioning lights, MRI
MMSP-026	SERVICES PANEL: wall mounted
WLWA-004	WALL FINISH: paint, acrylic, washable
WLWA-025	WALL FINISH: vinyl, to 1200 AFFL

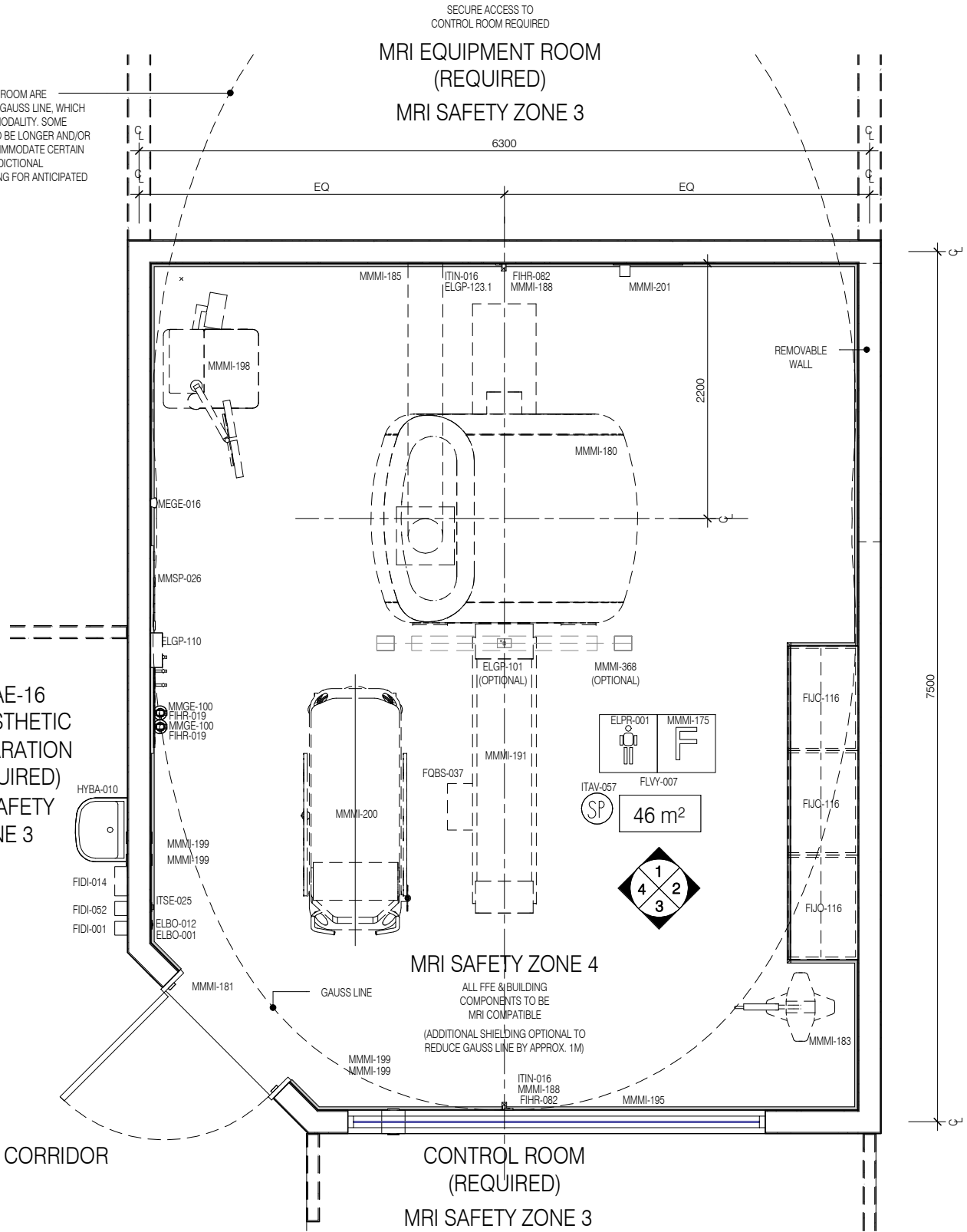
PROPORTIONS OF THE ROOM ARE DETERMINED BY THE 5 GAUSS LINE, WHICH IS SPECIFIC TO EACH MODALITY. SOME LAYOUTS MAY NEED TO BE LONGER AND/OR NARROWER TO ACCOMMODATE CERTAIN VENDORS. SEEK JURISDICTIONAL GUIDANCE ON PLANNING FOR ANTICIPATED VENDOR RANGE.

ANAE-16
ANAESTHETIC
PREPARATION
(REQUIRED)
MRI SAFETY
ZONE 3

CORRIDOR

PLAN

NOTE: ROOM WIDTH DESIGNED TO CAPTURE 3 TESLA 5 GAUSS LINE
ROOM WIDTH MAY BE DECREASED FOR 1.5 TESLA MRI



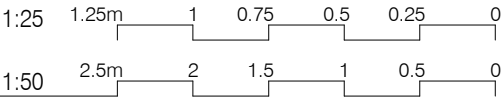
REV	DESCRIPTION	DATE
1	First Issue	29.05.2019

SCALE	RLS Room Code	REV
1 : 50 @ A3	MRIR	1

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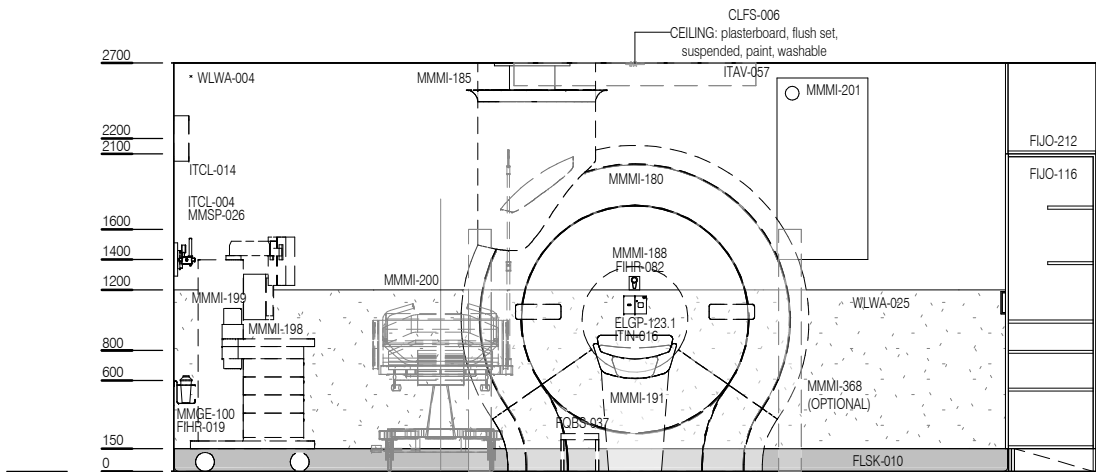
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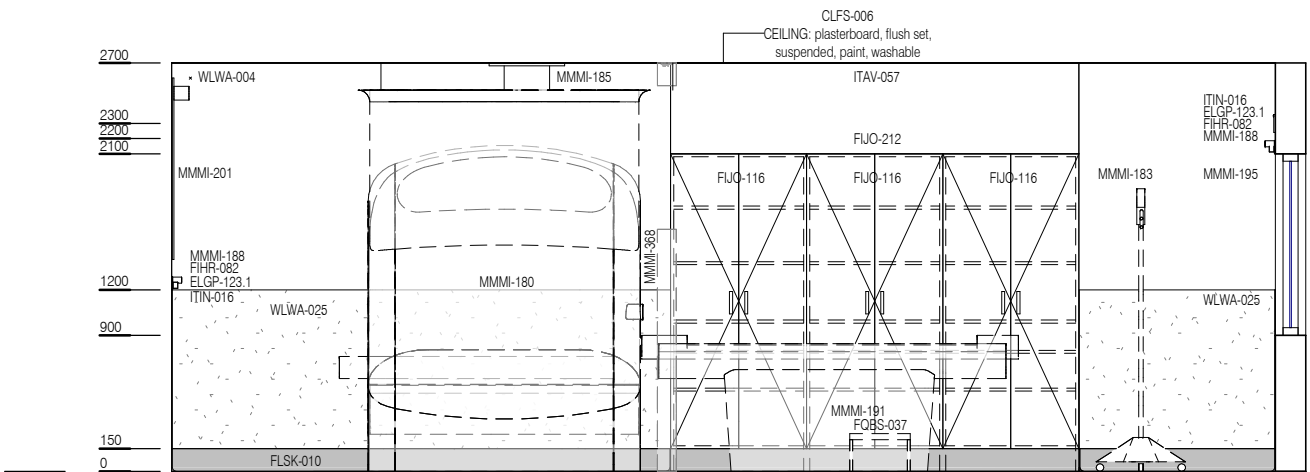


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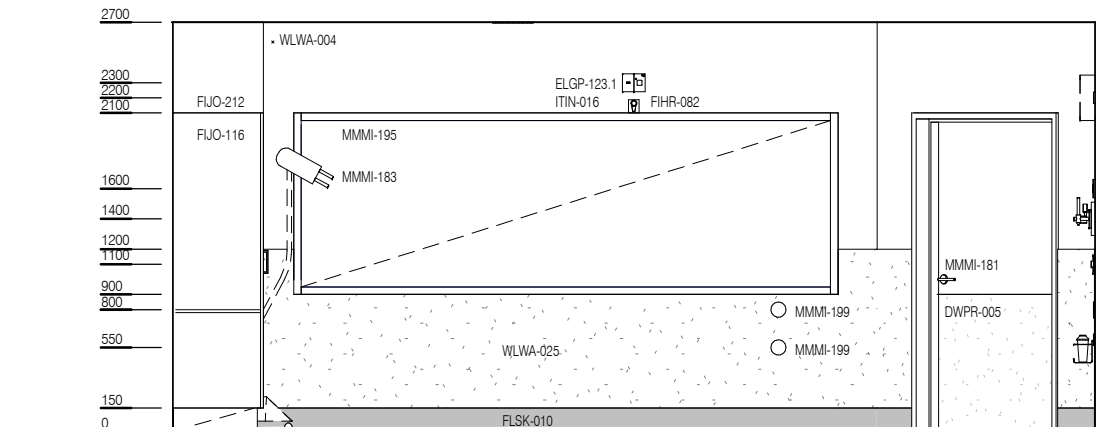
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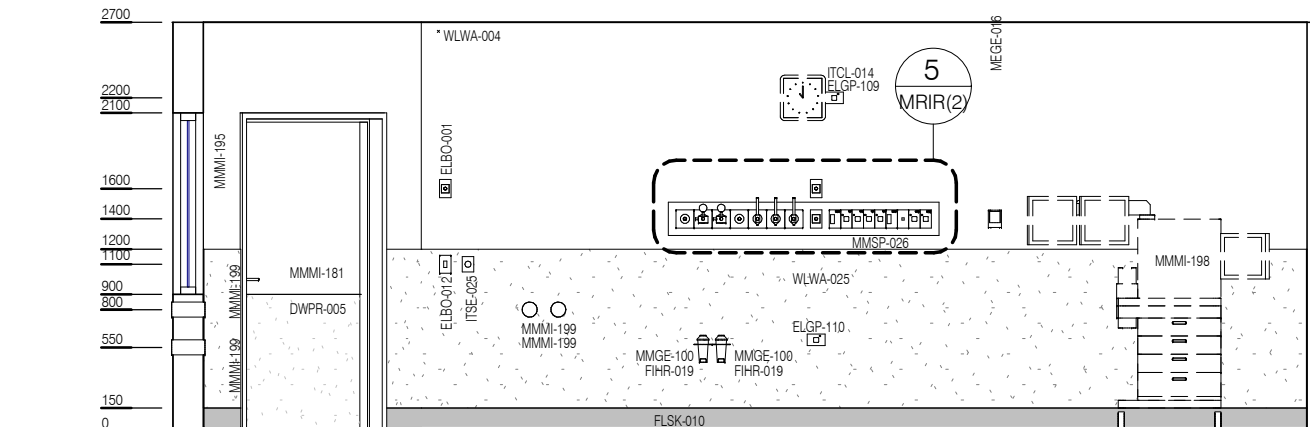
ELEVATION 1



ELEVATION 2



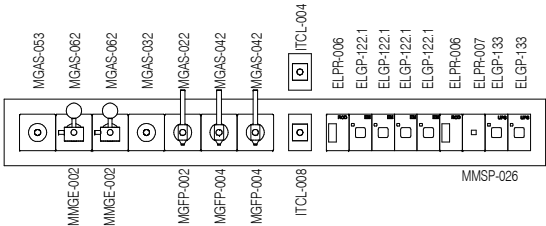
ELEVATION 3



ELEVATION 4

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ELEVATION 5 (1 : 25 @ A3)