

DATE	REV	DESCRIPTION
15-02-2023	1	UPDATE MECHANICAL EQUIPMENT AND OMIT WAITING AREA AIR CONDITIONING



TYPE 1: LOGOBATE PHC
FLOOR PLAN
Scale 1:100



CONCEPT DRAWING	TENDER DRAWING	CONSTRUCTION DRAWING	AS-BUILT DRAWING
☐	☒	☐	☐

AC SIZE SCHEDULE	FAN SCHEDULE
(A) 12 000 BTU	(1) 435 L/s @ 200Pa
(B) 18 000 BTU	(2) 150 L/s @ 250Pa
(C) 24 000 BTU	(3) 235 L/s @ 250Pa
(D) 36 000 BTU	(4) 50 L/s @ 150Pa
(E) 48 000 BTU	(5)
(F) 60 000 BTU	

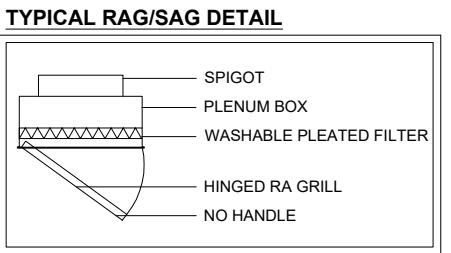
RAG/SAG SCHEDULE	WL SCHEDULE
(1) 1195 x 595	(1) 500 x 400
(2) 595 x 595	
(3) 1144 x 58 (OPENING SIZE)	
(4) 500 x 350 (OPENING SIZE)	

DETAIL
(HSG) HINGED GRILL COMPLETE WITH DAM FILTER
(PL) GRILL COMPLETE WITH PLUMBER BOX & PROTECT

ELECTRICAL LOADS

AC EQUIPMENT ELECTRICAL SCHEDULE	KW	PH	V
(A) 12 000 BTU	(1.2)	1	220-240
(B) 18 000 BTU	(2.0)	1	220-240
(C) 24 000 BTU	(2.4)	1	220-240
(D) 36 000 BTU	(3.6)	3	380-415
(E) 48 000 BTU	(5.0)	3	380-415
(F) 60 000 BTU	(6.0)	3	380-415

FAN EQUIPMENT ELECTRICAL SCHEDULE	KW	PH	V
(1) 435 L/s @ 200Pa	(1.0)	1	220-240
(2) 150 L/s @ 250Pa	(1.0)	1	220-240
(3) 235 L/s @ 200Pa	(1.0)	1	220-240
(4) 50 L/s @ 150Pa	(1.0)	1	220-240
(5)			



EQUIPMENT QUANTITY'S
UC (D) = 2
CAS (A) = 1
(B) = 1
(C) = 1
MW (A) = 11
HA (E) = 0
FAF (1) = 2
(2) = 1
EAF (1) = 1
(2) = 1
WMF (1) = 1
(2) = 0
(3) = 5

PROJECT NOTES

GENERAL NOTES

LEGEND

SYMBOLS: TOP VIEW

UC		SPLIT, UNDER CEILING INDOOR UNIT
CAS		SPLIT, CASSETTE INDOOR UNIT
MW		SPLIT, MIDWALL INDOOR UNIT
HA		SPLIT, HIDE AWAY INDOOR UNIT
RAG		RETURN AIR GRILL
SAG		SLOT
OU		SPLIT, OUTDOOR UNIT
FAF		FRESH AIR FAN
SAG		FRESH AIR GRILL
EAF		EXTRACTION AIR FAN
RAG		EXTRACTION AIR GRILL
WMF		WALL MOUNTED EXTRACTION AIR FAN
WL		WEATHER LOUVRE

SYMBOLS: SECTION VIEW

UC		SPLIT, UNDER CEILING INDOOR UNIT
CAS		SPLIT, CASSETTE INDOOR UNIT
MW		SPLIT, MIDWALL INDOOR UNIT
HA		SPLIT, HIDE AWAY INDOOR UNIT
RAG		RETURN AIR GRILL
SAG		SLOT
OU		SPLIT, OUTDOOR UNIT
FAF		FRESH AIR FAN
SAG		FRESH AIR GRILL
EAF		EXTRACTION AIR FAN
RAG		EXTRACTION AIR GRILL
WMF		WALL MOUNTED EXTRACTION AIR FAN
WL		WEATHER LOUVRE

CONSULTING ENGINEERS

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PROJECT TITLE

GLENRED PHC:
ADDITIONS & ALTERATIONS TO
REMAINDER OF GLENRED 510
NORTHERN CAPE

CLIENT DETAILS

Province of the
NORTHERN CAPE
Department of Health

CLIENT APPROVAL

DRAWING DESCRIPTION

HVAC LAYOUT

DESIGN

CB MARAIS
Pr Tech Eng: (Mech)

CHECKED

CB MARAIS
Pr Tech Eng: (Mech)

SCALE

1:100

DRAWN

J.M

DATE

OCT 2022

PROJECT NUMBER

EE1311C

DRAWING NUMBER

1M