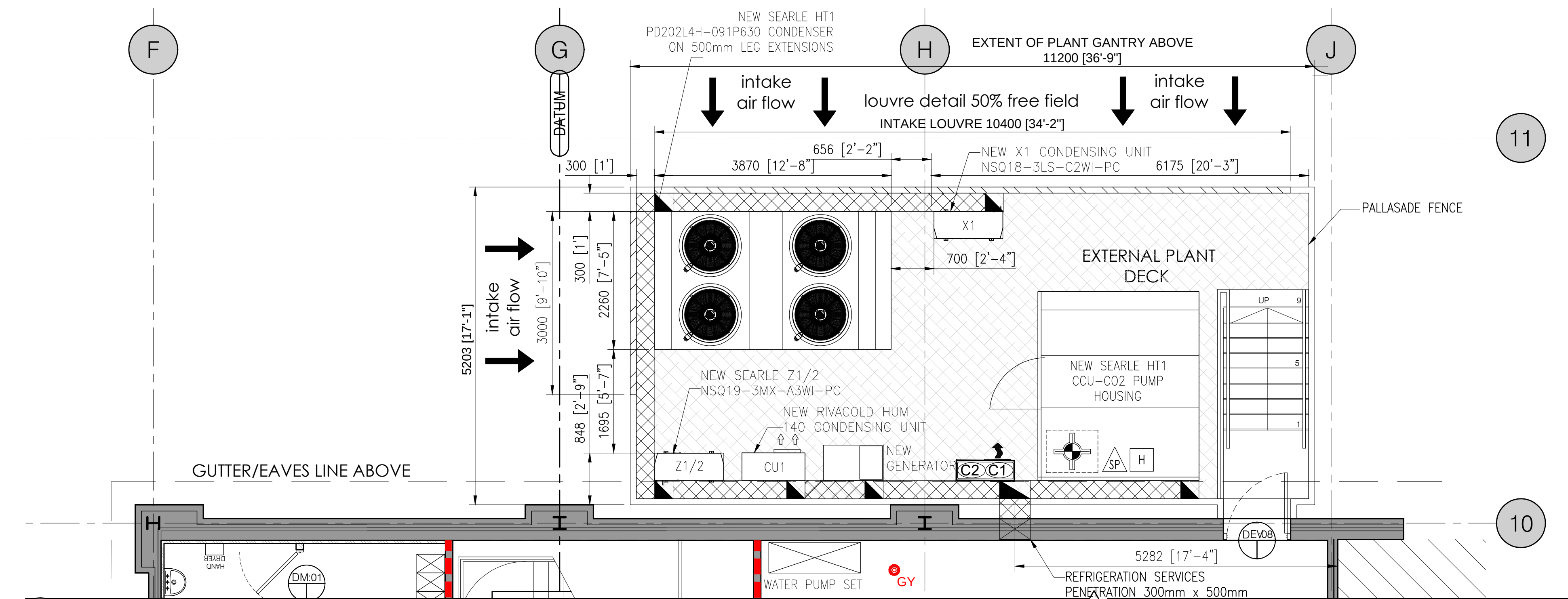
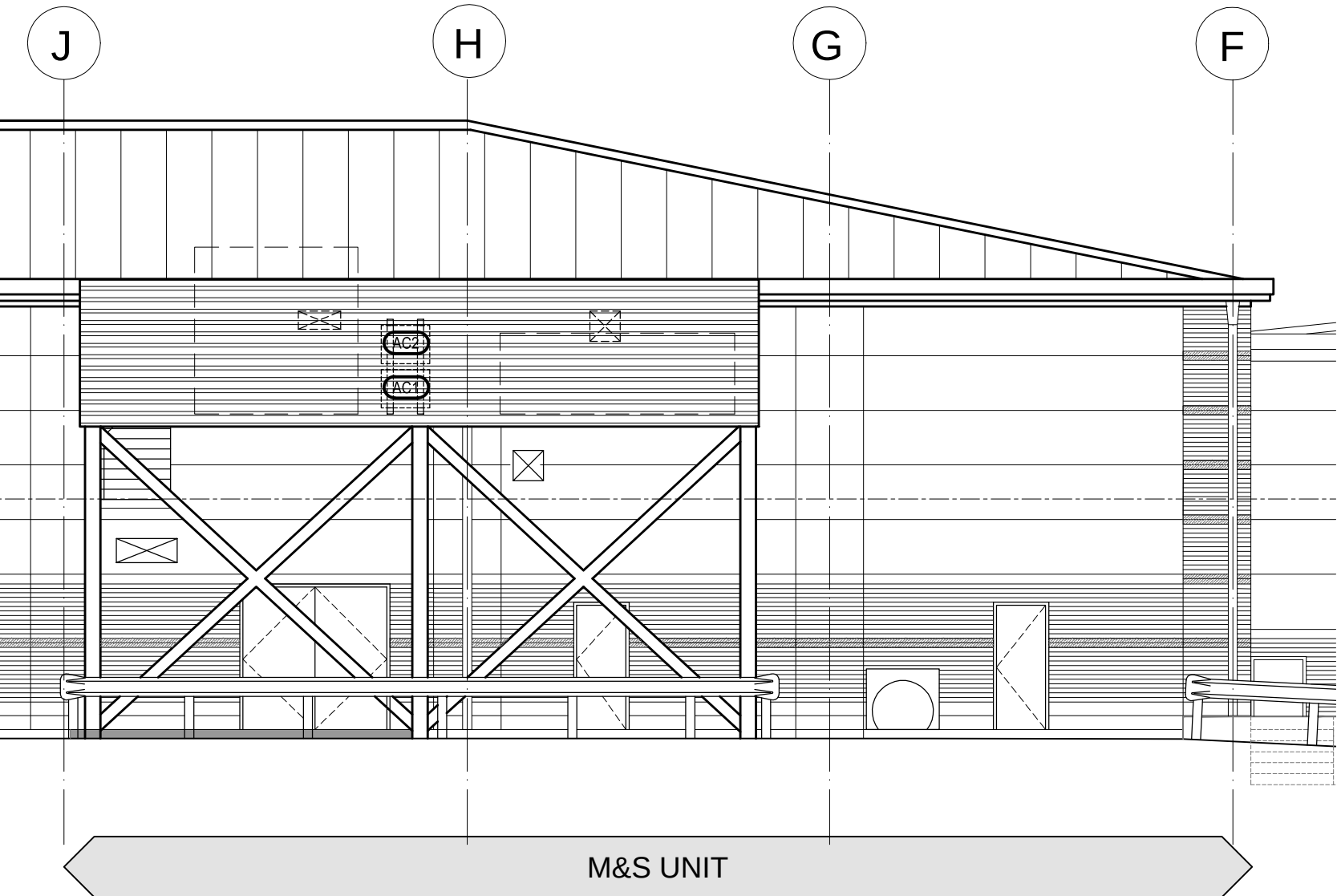
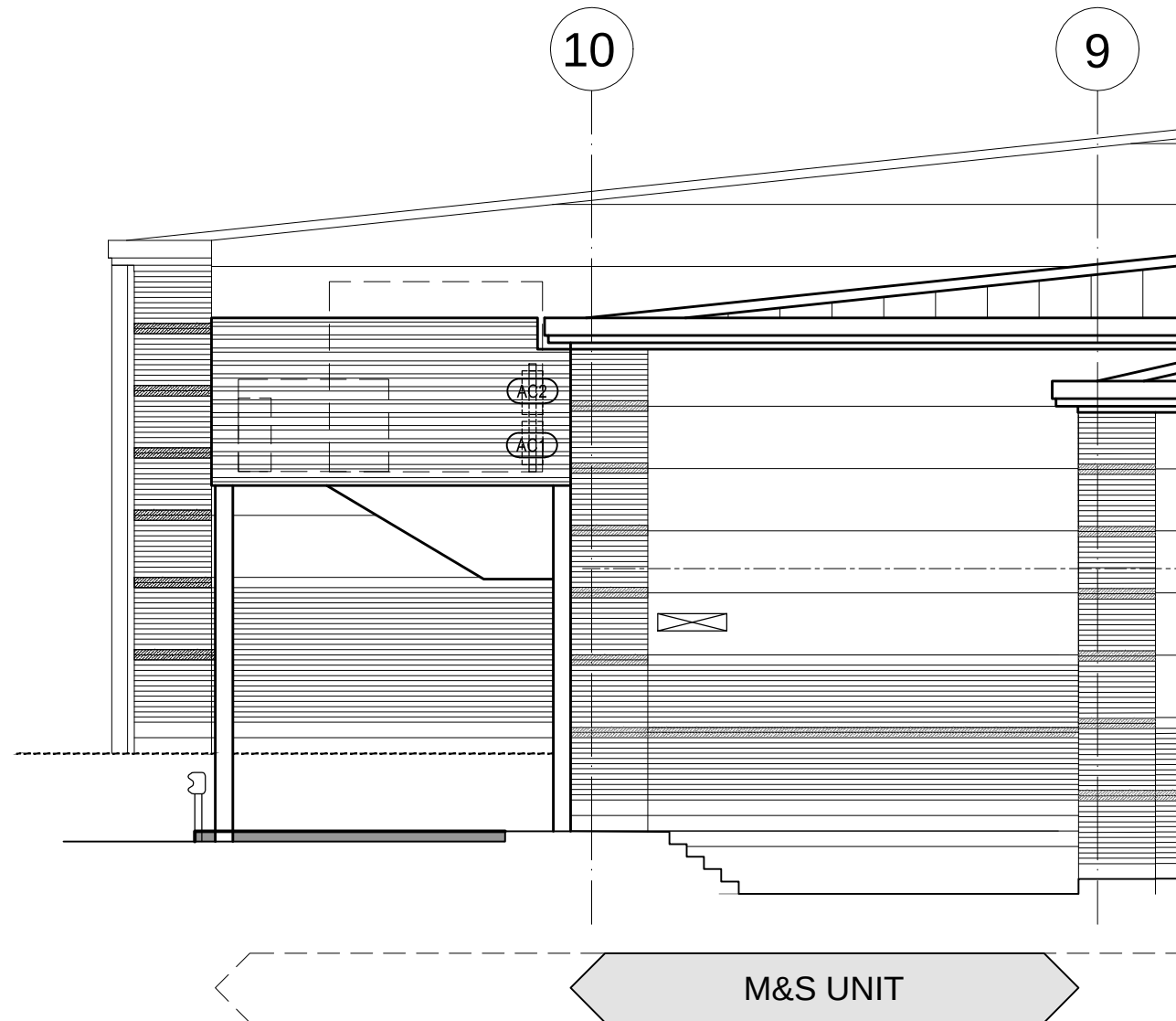




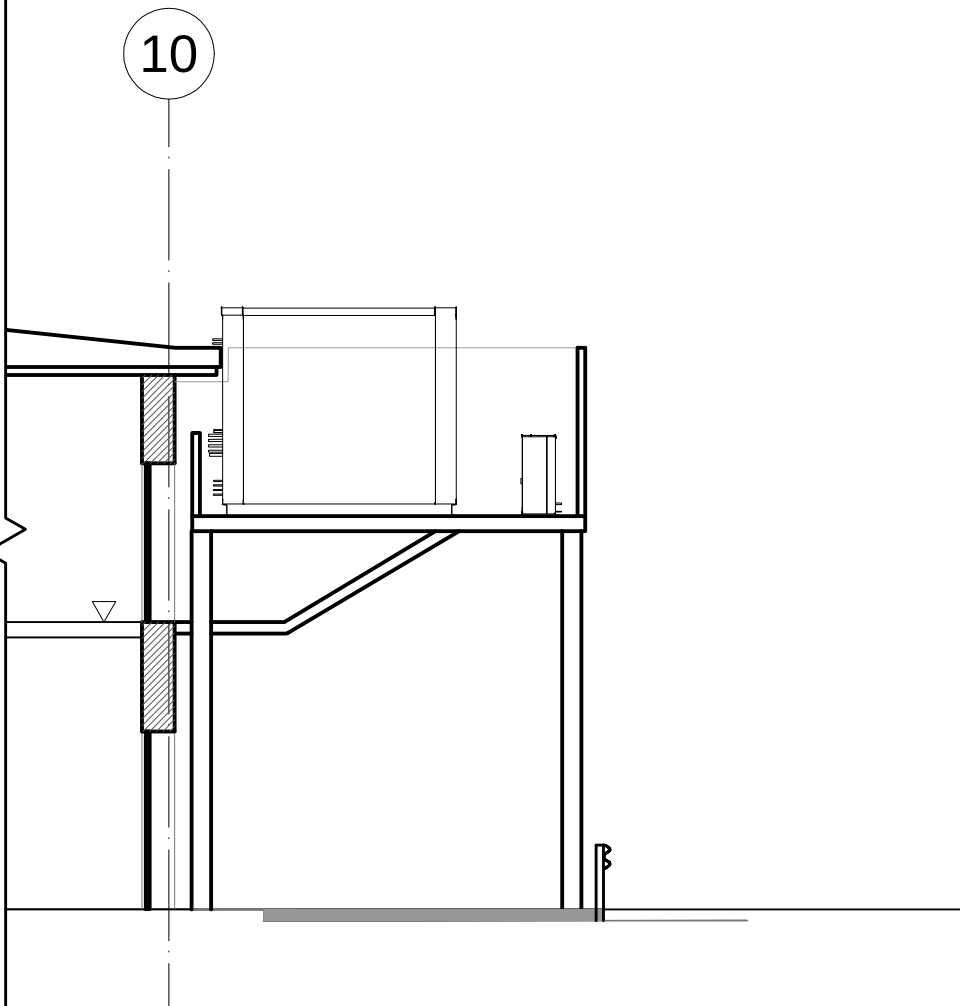
01 SERVICE YARD
405 1:50 MEZZANINE FLOOR PLAN



02 SERVICE YARD
405 1:100 REAR NORTH-EAST ELEVATION



03 SERVICE YARD
405 1:100 NORTH - WEST ELEVATION



04 SERVICE YARD
405 1:100 PLANT SECTION

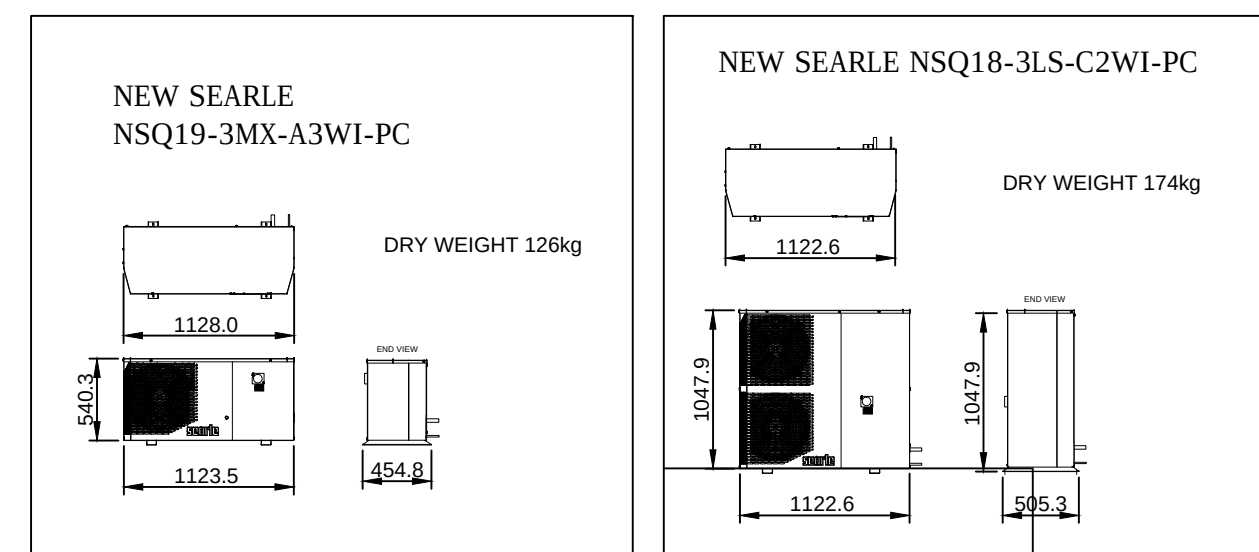
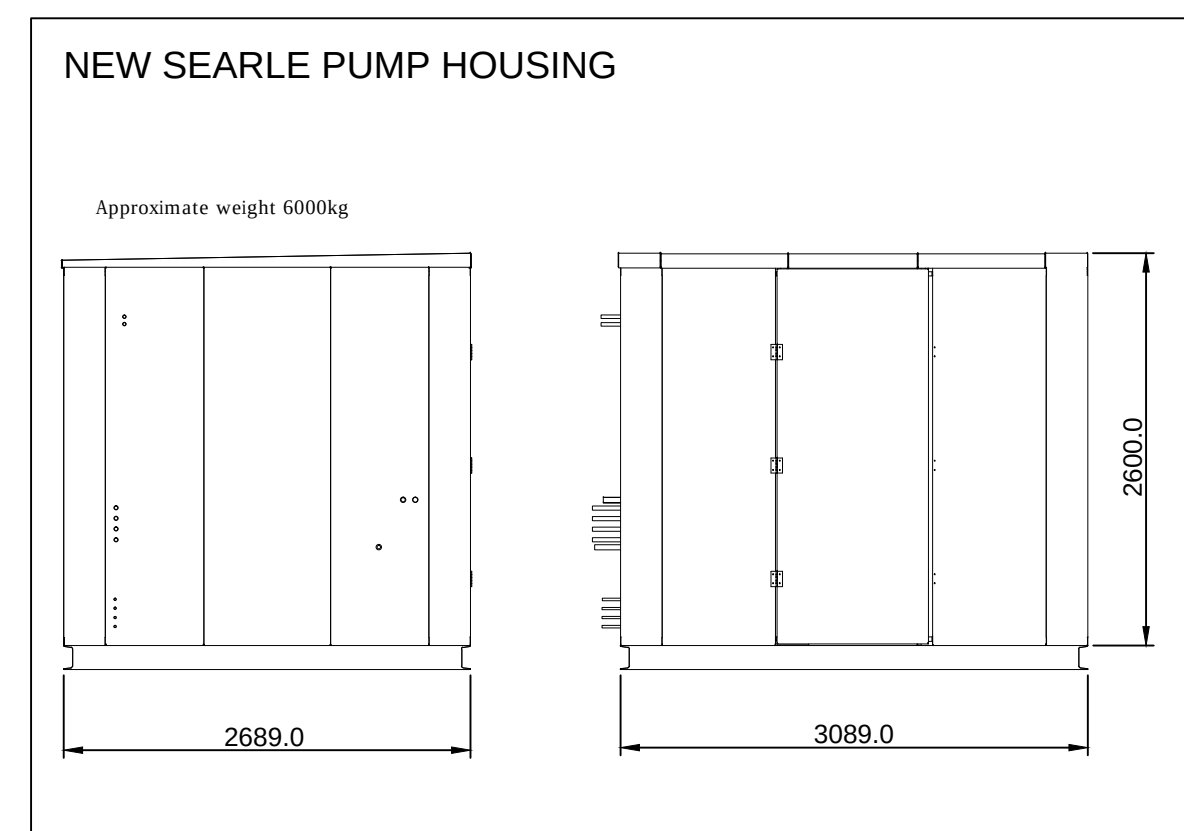
AC UNIT SCHEDULE															
REF. No.	AREA SERVED	INDOOR MODEL	No. OFF	INDOOR UNIT SIZE (WxDxH)	WEIGHT (kg)	TOTAL DUTY COOLING (kW)	TOTAL DUTY (HEATINGS kW)	OUTDOOR MODEL	REFERENCE No.	WEIGHT (kg)	OUTDOOR UNIT SIZE (WxDxH)	WALL CONTROLLER	ACOUSTIC INFO	SCOP	SEER
AC1.1	MEZZANINE LEVEL STAFF ROOM	PLA-ZRP-50BA	1	950x950x258	29	4.6	5.1	PUHZ-ZRP50 VKA	AC1	46	800x300x630	Y	46dB(A) @ 1m	4.6	6.4
AC1.2	MEZZANINE LEVEL ADMIN OFFICE	PLA-ZRP-35BA	1	950x950x258	29	3.3	3.5	PUHZ-ZRP35 VKA	AC2	43	800x300x630	Y	46dB(A) @ 1m	4.6	6.8

- NOTES:-
- ALL CASSETTE TYPE CEILING MOUNTED UNITS TO BE PROVIDED WITH CONDENSATE PUMPS AND FLOAT SWITCH OPERATION (MIN PUMP HEAD 1 METER). CONDENSATE PIPEWORK BY MECHANICAL CONTRACTOR.
 - WALL MOUNTED UNITS WILL REQUIRE SEPARATE CONDENSATE PUMPS (1 PHASE) MANUFACTURER- ASPEN PUMPS, MODEL 1 LITRE HI-FLOW. CONTACT NO. 01323 848842.
 - ELECTRICAL SUPPLIES TO BE GIVEN TO OUTDOOR UNITS BY ELECTRICAL CONTRACTOR. ANY INTERCONNECTING WIRING IS BY THE SYSTEM INSTALLING CONTRACTOR.
 - REFRIGERATION PIPEWORK TO BE INSULATED AND INSTALLED UPON CABLE TRAY AND BE SUITABLY LABELLED.
 - THE INSTALLING CONTRACTOR IS TO INCLUDE FOR ALL COMMISSIONING, INSTALLATION ETC, COMMISSIONING IS TO INCLUDE FOR ALL AIR ON/OFF TEMPERATURES.
 - INSTALLING CONTRACTOR TO NOTE THAT CONDENSATE PUMP SELECTION IS TO BE BASED ON TOTAL LIFT FROM UNIT WHERE INDICATED UPON THE CONTRACT DRAWINGS.
 - ALL REFRIGERATION PIPEWORK IS TO BE INSULATED WITH 'ARMA FLEX' AND EXTERNAL PIPEWORK INSULATION IS TO BE PAINTED WITH 'ARMA FLEX' HV PAINT TO PROTECT FROM DETERIORATION IN SUNLIGHT.
 - WALL MOUNTED CONTROLLERS TO BE PAR-30MAA.
 - MANUFACTURER - MITSUBISHI LONDON TEL: 01707 282480 - MATTHEW BELL

Plant Reference	Manufacturer	Unit Type	Model	Equipment Location	Overall Dimensions (mm)			Dry Weight (kg)	Air Volume (m3/s)	Condition	Sound Spectrum (dB)								Noise dB(A)@10M
					Width	Length	Height				63Hz	125Hz	250Hz	500Hz	1k Hz	2K Hz	4K Hz	8K Hz	
HT1	Searle	MK2 Hybrid Pumped CO2	120KW Pumped CO2	External - Plant Area	2689	3089	2600	6000	1.5	N/A	-	-	-	-	-	-	-	-	42
HT1	Searle	Condenser	RF-PD202L4H-091P630	External - Plant Area	2260	4523	1333	847	16	Min	81.0	87.7	81.9	77.6	75.7	70.7	64.1	58.7	47
X1	Searle	Condensing Unit	NSQ18-3LS-C2WI-PC	External - Plant Area	505	1128	1083	163	1.39	N/A	-	-	-	-	-	-	-	-	42
Z1/2	Searle	Condensing Unit	NSQ19-3MX-A3WI-PC	External - Plant Area	505	1128	1083	160	1.4	N/A	-	-	-	-	-	-	-	-	40

- Please Note:
- The MK2 Hybrid packs and CO2 Pump Stations will be located in the plant compound at the rear of the store.
 - The above plant summary has been based on estimated sales floor load.

- Noise Levels on site may vary from figures given due to acoustic characteristics of the installation
- 600mm Gap required between plant housing and Condensers
- The CO2 Pump will be in operation 24 hours a day
- Plant material galvanised sheet steel powder painted (RAL7036 - Goose Wing Grey)
- Pack and condenser will need to be installed on a flat level base, provided by others.



RESILIENCE GENERATOR

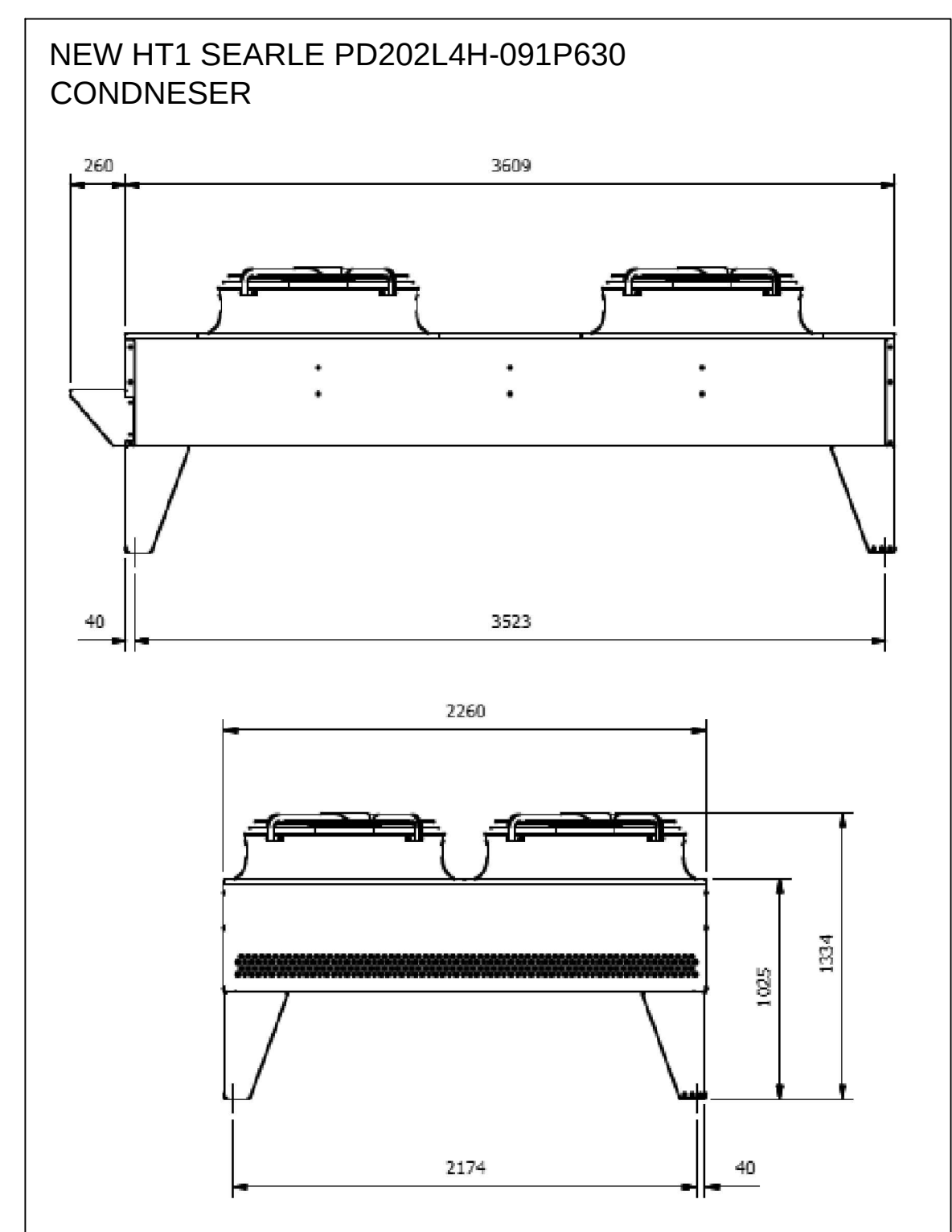
Main features

- Rated maximum power (LTP) : **5,5 kW**
- Rated prime power (PRP) : **5,2 kW**
- Phases : **3 Y**
- Voltage : **400 V**
- Frequency : **50 Hz**
- Engine manufacturer : **Yanmar**
- Fuel : **Diesel**
- Starting system : **Electric**

(purely indicative picture)

Dimensional data

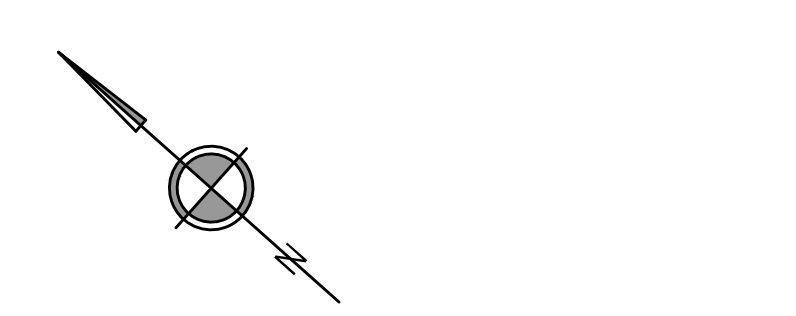
Length	970 mm
Width	580 mm
Height	927 mm
Dry weight	207 kg



NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE. COPYRIGHT PROTECTED.

0m 1 2 3 4 5 6 7 8 9 10
1:100
0m 1 2 3 4 5
1:50



02	25.11.13	AC UNIT POSITION CLARIFIED	LT	TC
01	20.11.13	UPDATED TO PLANNERS COMMENTS	LT	TC

REV	DATE	DESCRIPTION	DRAWN	CHECKED
01	20.11.13	UPDATED TO PLANNERS COMMENTS	LT	TC

LOCATION FIGURE

M&S

STORE NAME
WATERLOOVILLE
COUNTRY
UNITED KINGDOM
PROJECT
NEW SIMPLY FOOD

PROPOSED EXTERNAL
SERVICE YARD DETAILS
PLANNING DRAWING

CONSULTANT
LEWIS AND HICKEY LTD
DISCIPLINE DESCRIPTION
ARCHITECTURE
CONSULTANT LOGO

18 Farnham Road
Guildford
Surrey
GU1 4XA
Tel: 01483 560908
Fax: 01483 560660
Email: guildford@lewishickey.com

SCALE	PAPER SIZE	DATE	DRAWN	CHECKED
1:50	A1	01.10.13	LT	TC
STORE NUMBER	PROJECT No	DISCIPLINE CODE	DRAWING No	
Q0198	GRW001	A	405	
CONSULTANT PROJECT No	STATUS	REVISION		
G4007	P	02		