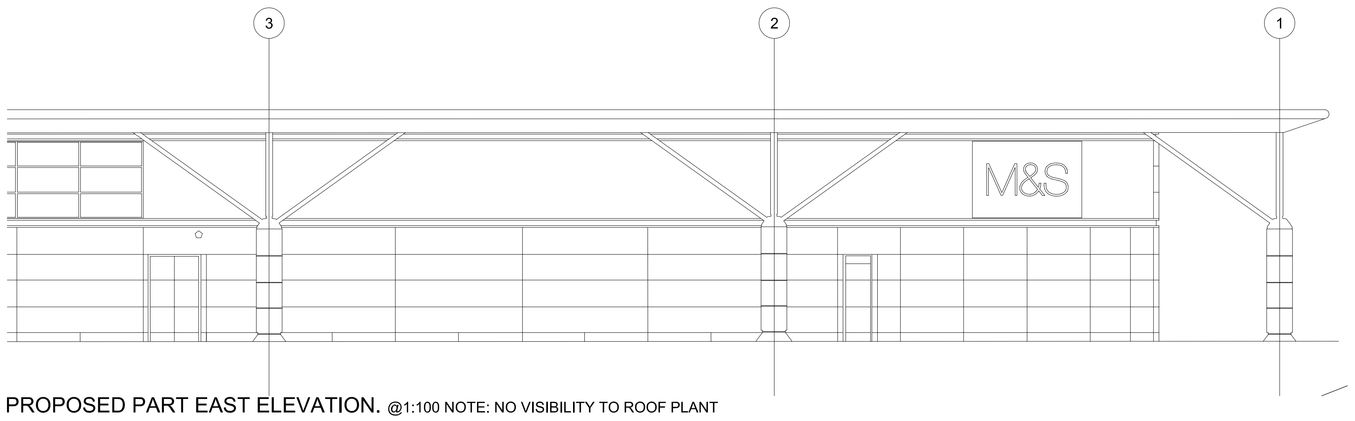
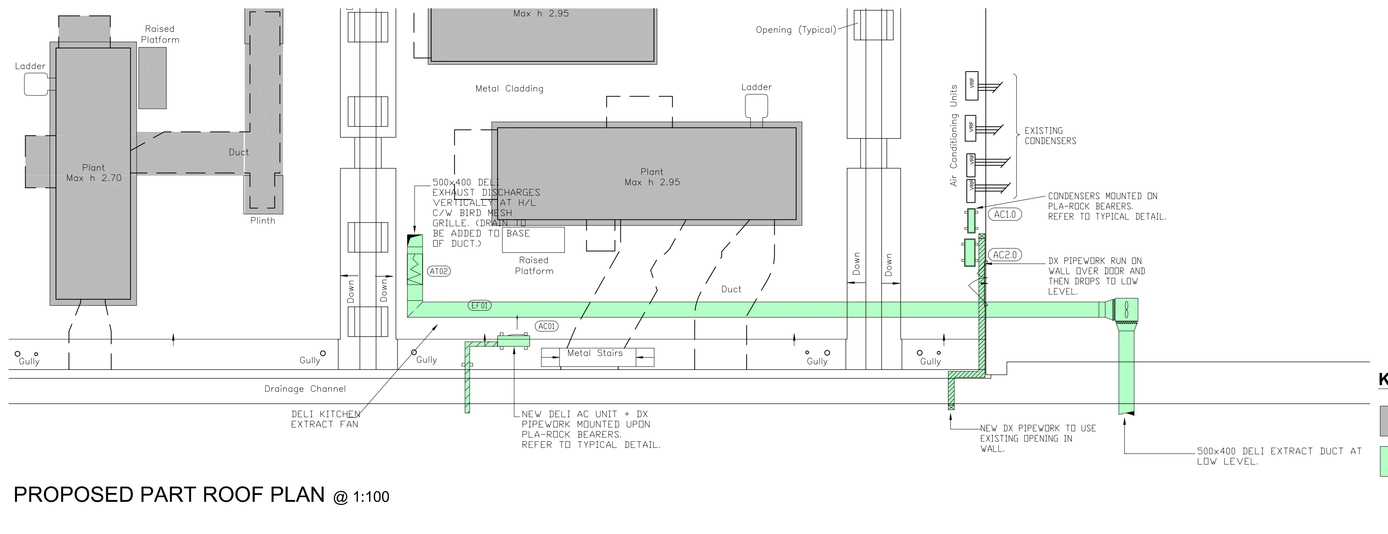
NOTES ORIGINAL A0

ALL DIMENSIONS TO BE CHECKED ON SITE.
COPYRIGHT PROTECTED.

PLANNING

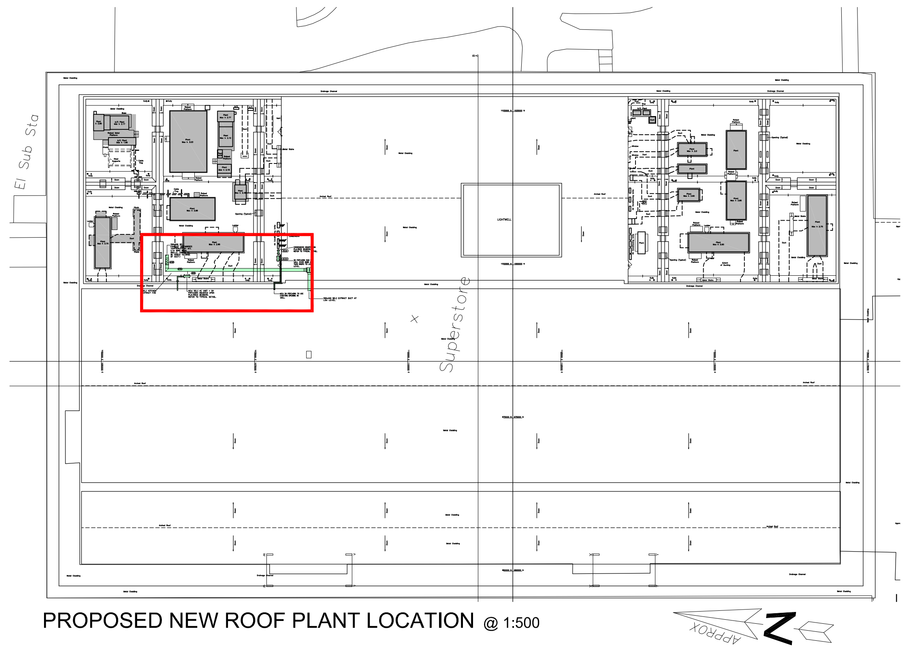


PROPOSED PART EAST ELEVATION. @1:100 NOTE: NO VISIBILITY TO ROOF PLANT

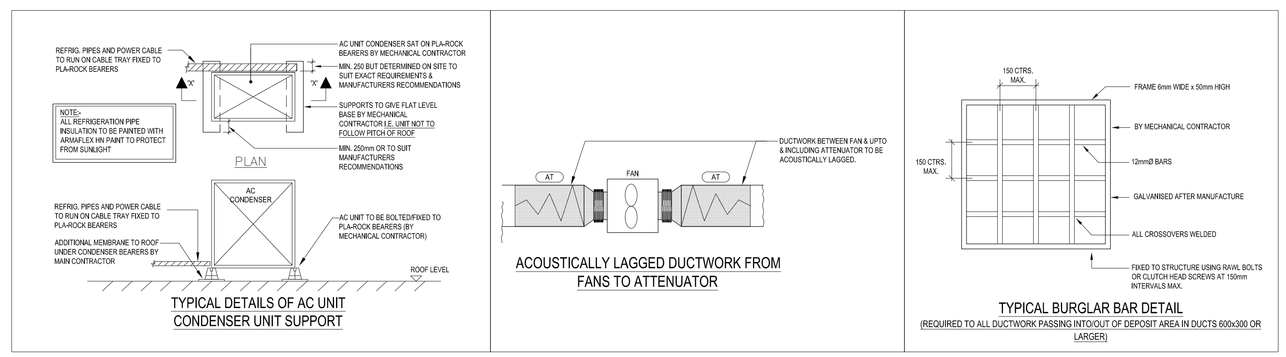


KEY:

- EXISTING PLANT ITEMS RETAINED.
- NEW PLANT ITEMS.



PROPOSED NEW ROOF PLANT LOCATION @ 1:500



TYPICAL DETAILS OF AC UNIT CONDENSER UNIT SUPPORT

ACOUSTICALLY LAGGED DUCTWORK FROM FANS TO ATTENUATOR

TYPICAL BURGLAR BAR DETAIL
(REQUIRED TO ALL DUCTWORK PASSING INTO/OUT OF DEPOSIT AREA IN DUCTS 600x300 OR LARGER)

EXTRACT FAN SCHEDULE

REF. No.	AREA SERVED	MODEL	DUTY (m/s @ Pa)	SPECIFIC FAN POWER (SFP) w/l/s	MANUFACTURER	ACOUSTIC INFORMATION	ELECTRICAL INFORMATION			NOTES:-
							PHASE	SC (A)	RC (A)	
EF01	GROUND FLOOR DELI	MUB/TO42 500EC	1.105 @ 450	0.91	SYSTEMAIR	49dB(A) @ 3m	3	-	2.29	C/W LOUVRE PANEL ON MOTOR SIDE FOR WEATHER PROOFING

NOTES:-

1. FANS TO COMPLY FULLY WITH MARKS AND SPENCER PLC SPECIFICATION/CONTRACT SPECIFICATION.
2. ALL MOTORS TO BE FITTED WITH THERMAL PROTECTION.
3. ALL FANS TO BE FITTED WITH BACK DRAUGHT SHUTTERS. IF THESE ARE NOT SUPPLIED WITH THE FAN THE CONTRACTOR SHALL SUPPLY & FIT AS A SEPARATE ITEM.
4. ALL ROOF MOUNTED FANS TO BE SUITABLE FOR CURB MOUNTING.
5. ALL FANS TO COME TO SITE FULLY LABELLED.
6. FANS TO BE FITTED WITH FLYING LEAD 600mm min FROM MOTOR TO ISOLATOR EXTERNAL TO UNIT BY OTHERS.
7. FINISH OF ROOF FANS GENERALLY TO BE GOOSEWING GREY, HOWEVER CONFIRMATION REQUIRED FROM ARCHITECT PRIOR TO ORDERING.
8. ALL EXTRACT FANS TO BE FITTED WITH BIRD GUARDS.
9. FOR ELECTRICAL DATA ON FANS REFER TO CONTROLS SCHEMATIC. ALL MOTORS OVER 5kW TO BE STAR DELTA STARTING.
10. EXTRACT FANS C/W INLINE ATTENUATORS. REFER TO ATTENUATOR SCHEDULE FOR DETAILS.
11. FANS C/W SPEED CONTROLLERS
12. MANUFACTURERS:- SYSTEMAIR LTD TEL: 07834 344508 - STEVE BRADLEY

AC UNIT SCHEDULE

REF. No.	AREA SERVED	INDOOR MODEL	No. OFF	INDOOR UNIT SIZE (WxDxH)	WEIGHT (kg)	TOTAL DUTY (COOLING kW)	TOTAL DUTY (HEATING kW)	OUTDOOR MODEL	REF. No.	WEIGHT (kg)	OUTDOOR UNIT SIZE (WxDxH)	WALL CONTROLLER	ELECTRICAL INFORMATION			ACOUSTIC INFO
													PHASE	SC (A)	RC (A)	
AC1.1	GROUP FLOOR DELI PREP	PLA-RP100BA3	1	950x950x333	33	9.2	9.5	PUHZ-RP100YKA	AC01	124	1050x360x1338	YES	1	5	8.34	48

NOTES:-

1. ALL CASSETTE TYPE CEILING MOUNTED UNITS TO BE PROVIDED WITH CONDENSATE PUMPS AND FLOAT SWITCH OPERATION. CONDENSATE PIPEWORK BY MECHANICAL CONTRACTOR.
2. WALL MOUNTED UNITS WILL REQUIRE SEPARATE CONDENSATE PUMPS (1 PHASE) MANUFACTURER=ASPEN PUMPS, MODEL 1 LITRE HI-FLOW. CONTACT No. 01323 848842.
3. ELECTRICAL SUPPLIES TO BE GIVEN TO OUTDOOR UNITS BY ELECTRICAL CONTRACTOR. ANY INTERCONNECTING WIRING IS BY THE SYSTEM INSTALLING CONTRACTOR.
4. REFRIGERATION PIPEWORK TO BE INSULATED AND INSTALLED UPON CABLE TRAY AND BE SUITABLY LABELLED. (CABLE TRAY REQUIRED AT ROOF LEVEL)
5. THE INSTALLING CONTRACTOR IS TO INCLUDE FOR ALL COMMISSIONING, INSTALLATION ETC, COMMISSIONING IS TO INCLUDE FOR ALL AIR ON/OFF TEMPERATURES.
6. INSTALLING CONTRACTOR TO NOTE THAT CONDENSATE PUMP SELECTION IS TO BE BASED ON TOTAL LIFT FROM UNIT WHERE INDICATED UPON THE CONTRACT DRAWINGS.
7. ALL REFRIGERATION PIPEWORK IS TO BE INSULATED WITH ARMA FLEX AND EXTERNAL PIPEWORK INSULATIONS TO BE PAINTED WITH ARMA FLEX HH PAINT TO PROTECT FROM DETERIORATION IN SUNLIGHT.
8. * DENOTES WALL MOUNTED
9. WALL MOUNTED CONTROLLERS TO BE PAR-21MAAJ
10. UNITS SUPPLIED WITH AG150 CENTRAL CONTROLLER C/W BACgPS0 BACK NET INTERFACE.
11. ON/OFF SIGNAL TO AC06 & AC07 TO BE VIA A MOMENTARY SWITCH
12. MANUFACTURER - MITSUBISHI LONDON TEL: 01707 282480 - MATTHEW BELL

EXTRACT FAN SCHEDULE

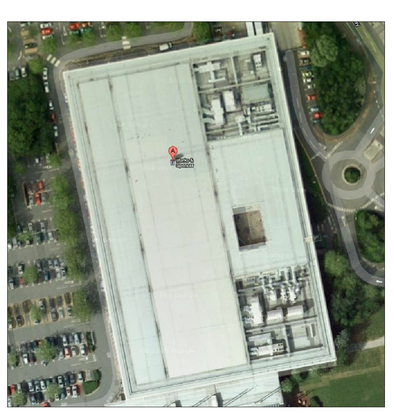
REF. No.	AREA SERVED	MODEL	DUTY (m/s @ Pa)	SPECIFIC FAN POWER (SFP) w/l/s	MANUFACTURER	ACOUSTIC INFORMATION TBA	ELECTRICAL INFORMATION			NOTES:
							PHASE	SC (A)	RC (A)	
EF01	GROUND FLOOR BUREAU DE CHANGE	KVKE 125EC	0.05 @ 120	0.39	SYSTEMAIR	41.1dBA@3m	1	-	0.536	FAN C/W PRE-WIRED POTENTIOMETER
EF02	GROUND FLOOR BUREAU DE CHANGE WAITING AREA	FAN AIR MK2	0.275 @ 10	0.14	DIFFUSION	39dBA@3m	1	0.96	0.32	

NOTES:-

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3. ALL FANS TO BE FITTED WITH BACK DRAUGHT SHUTTERS. IF THESE ARE NOT SUPPLIED WITH THE FAN THE CONTRACTOR SHALL SUPPLY & FIT AS A SEPARATE ITEM.
4. ALL ROOF MOUNTED FANS TO BE SUITABLE FOR CURB MOUNTING.
5. ALL FANS TO COME TO SITE FULLY LABELLED ON SITE AS MARKS & SPENCER PLC SPECIFICATION.
6. FANS TO BE FITTED WITH FLYING LEAD 600mm min FROM MOTOR TO ISOLATOR EXTERNAL TO UNIT BY OTHERS.
7. FOR ELECTRICAL DATA ON FANS REFER TO CONTROLS SCHEMATIC. ALL MOTORS OVER 5kW TO BE STAR DELTA STARTING.
8. MANUFACTURERS:- SYSTEMAIR LTD TEL: 07834 344508 - STEVE BRADLEY
   DIFFUSION TEL: 0208 7830033 - JON McDONALD (07909 214697)







EXISTING STREET VIEW PHOTOS

Photos indicate height of existing 'Bull nosed' eaves height in comparison to roof plant, which is not seen from ground level.

REV	DATE	DESCRIPTION	DRAWN	CHECKED
01	11/10/12	Roof plant amendment to include extended trucking. DTW		RF

LOCATION FIGURE

M&S

STORE NAME
HEDGE END

COUNTRY
UNITED KINGDOM

PROJECT
M&S HEDGE END
CONCEPT 300

DRAWING
PROPOSED
ROOF PLAN, ELEVATIONS
AND PLANT DETAILS

CONSULTANT
LYONS SLEEMAN & HOARE
DISCIPLINE DESCRIPTION
ARCHITECTURE
CONSULTANT LOGO

LYONS+SLEEMAN+HOARE | Architects
retail leisure workplace residential regeneration transport conservation masterplanning
Yoko Brewery, Cliknel Green, Hartley Wintney, Hants RG27 8QA
Tel: 01252 844144 Fax 01252 844800

SCALE	PAPER SIZE	DATE:	DRAWN	CHECKED
1:100	A0	21/08/12	DTW	IL

STORE NUMBER	PROJECT No	DISCIPLINE CODE	DRAWING No	
6473	HED047	A	P.02	

CONSULTANT PROJECT No	STATUS	REVISION
12004	P	01