

General Mechanical Notes

The existing installation is to be disconnected and removed from the roof area, to facilitate builders work associated with the repair and replacement of the roof membrane and upstand weathering details.

The new duct work, attenuators, VCDs etc are to be installed utilising the existing roof opes etc.

Roof opes to be enlarged where indicated and new weathering upstands, flashing etc to be provided to ensure the integrating of the roof is maintained.

All the new ductwork is to be insulated with class O fibreglass insulation and fully clad with aluminium cladding.

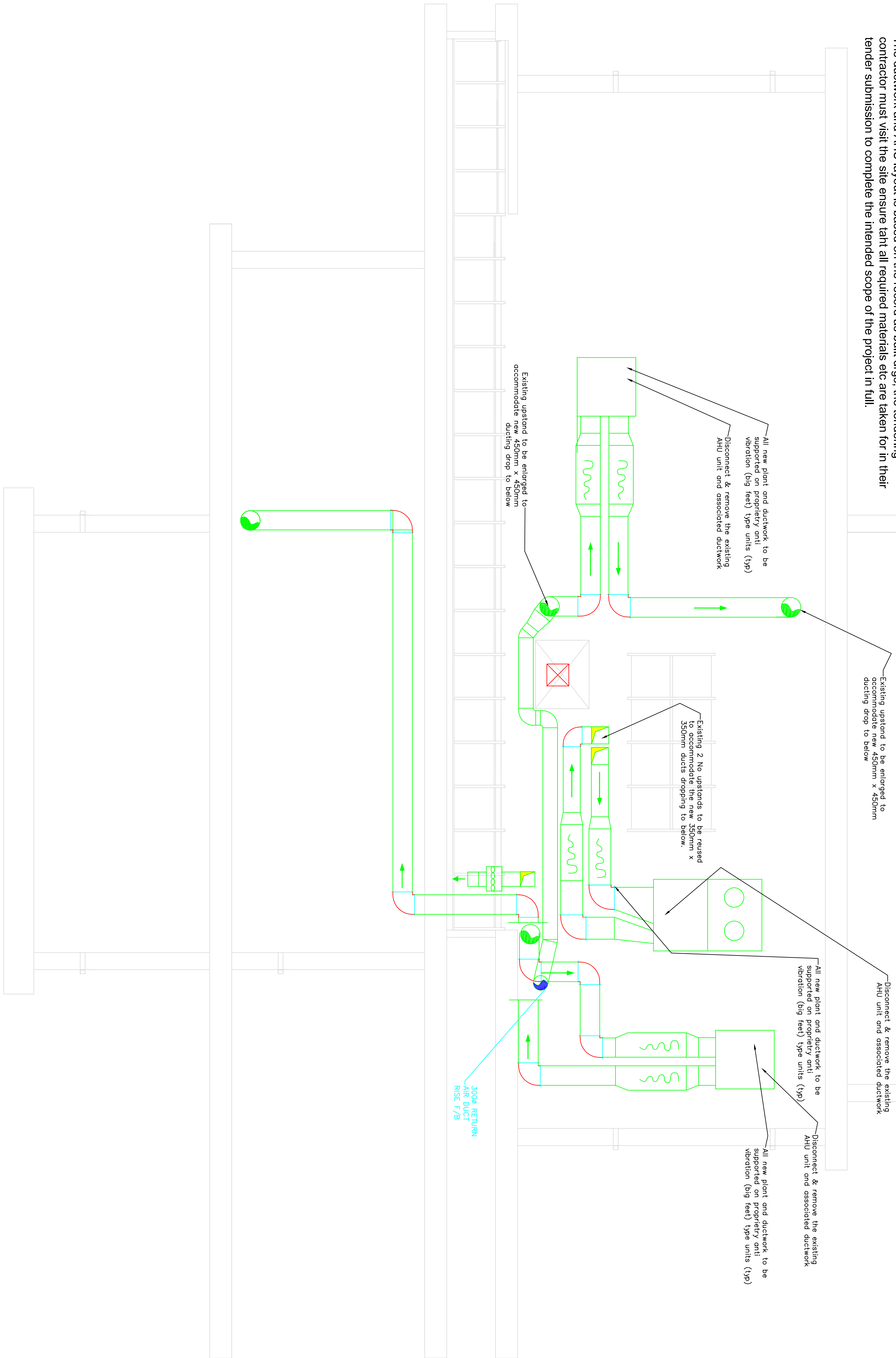
The ductwork and AHU layout is based on the record as built drgs, the tendering contractor must visit the site ensure that all required materials etc are taken for in their tender submission to complete the intended scope of the project in full.

General Electrical Notes

The existing electrical installation is to be disconnected and removed from the roof area mechanical plant & equipment, to facilitate builders work associated with the repair and replacement of the roof membrane and upstand weathering details.

The new mechanical plant is then to be reconnected utilising new RCBO protection devices in the existing elect dist boards. The existing cabling to be modified and reused where appropriate.

New IP65 Isolators to be installed to serve the New AHUs installed as part of these works



New AHU Schedule

AHU No1
First Floor Areas
UATYA25BFC3Y1 (UATYA-BFC3Y1)

AHU No2
Ground Floor Office Areas
UATYA40BFC3Y1 (UATYA-BFC3Y1

AHU No3
Ground Floor Foyer
UATYA25BFC3Y1 (UATYA-BFC3Y1)

The above units are Daikin type packaged AHU,s with reversible DX coils, cross plate heat exchangers, filter units etc.

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REV	DESCRIPTION	BY	REASON
DIMS. SERIES			
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CLIENT	UDARAS NA GAELTACHTA		
PROJECT	COMINSINEIR TEANGA		
DRAWING	ROOF TOP PLANT VENTILATION SERVICES LAYOUT		
JAN 2020	SCALE: 1:1000MM	DATE:	
TYPE	CHECKED	DESIGN	
JOB CODE	DWG NUMBER	REVISION	
UOG-NL-V-R			

ROOF PLAN