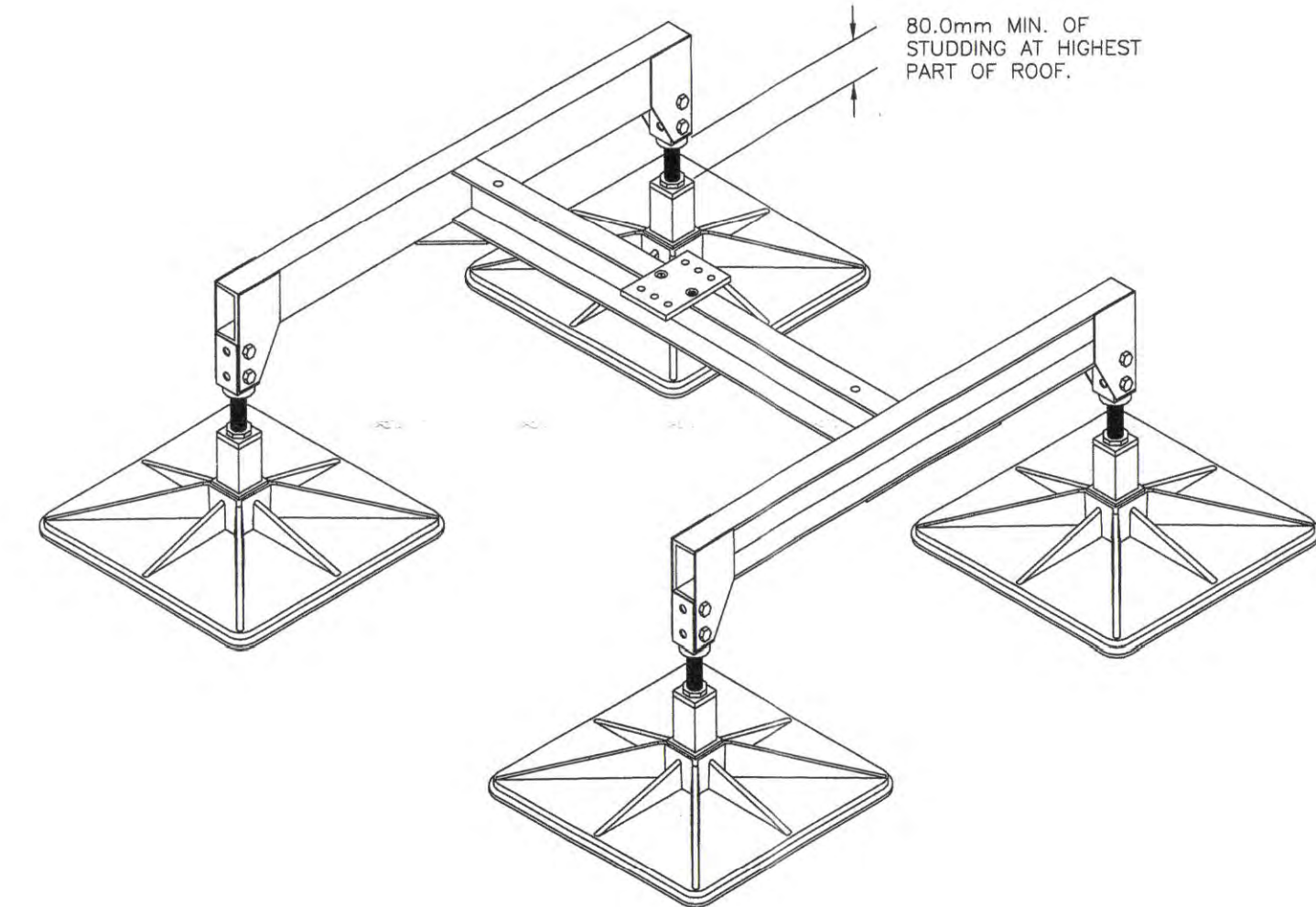
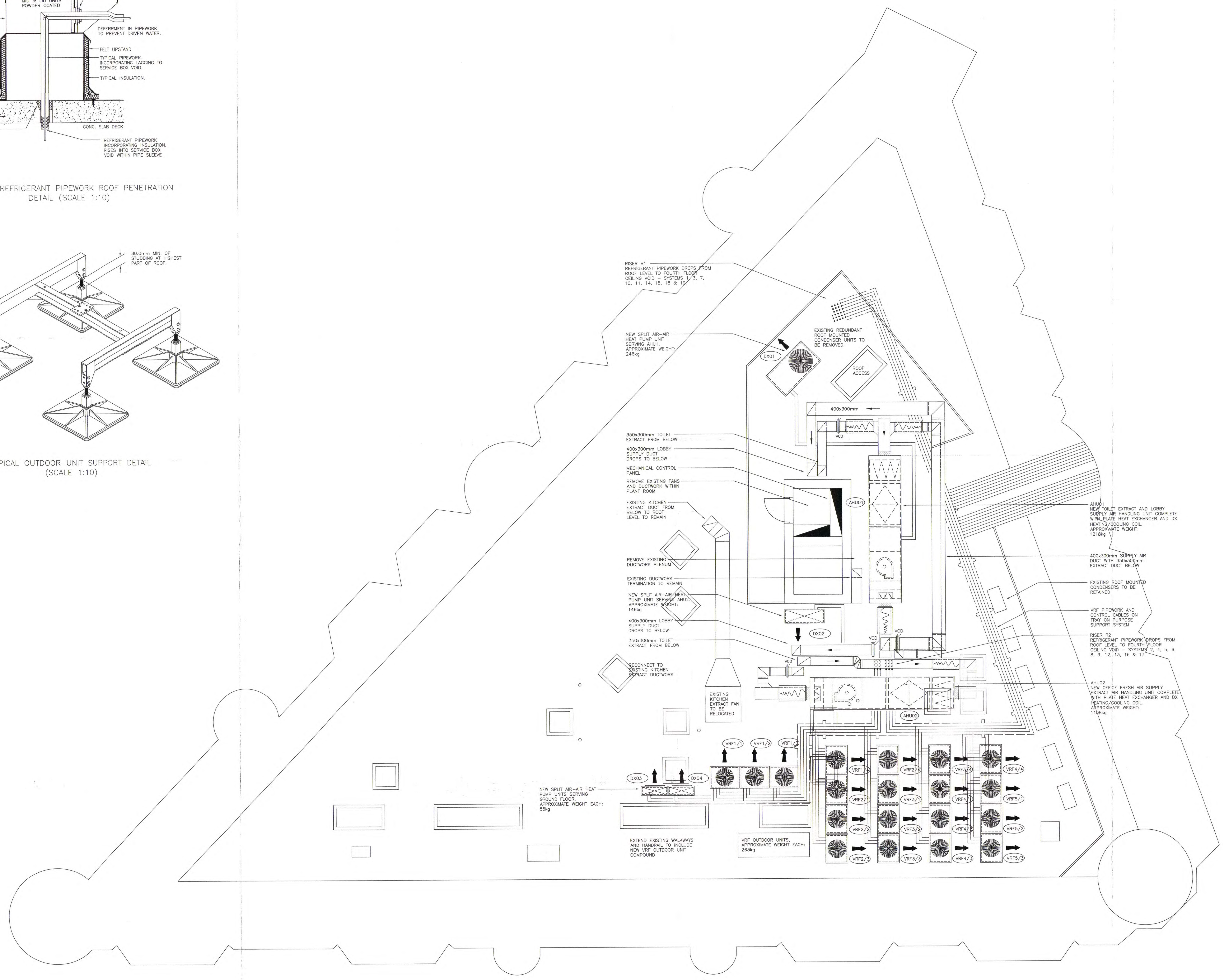


TYPICAL REFRIGERANT PIPEWORK ROOF PENETRATION DETAIL (SCALE 1:10)



TYPICAL OUTDOOR UNIT SUPPORT DETAIL (SCALE 1:10)



RISER R1 REFRIGERANT PIPEWORK DROPS FROM ROOF LEVEL TO FOURTH FLOOR CEILING VOID - SYSTEMS 1, 3, 7, 10, 11, 14, 15, 18 & 17

NEW SPLIT AIR-AIR HEAT PUMP UNIT SERVING AHU1 APPROXIMATE WEIGHT: 246kg

350x300mm TOILET EXTRACT FROM BELOW

400x300mm LOBBY SUPPLY DUCT DROPS TO BELOW

MECHANICAL CONTROL PANEL REMOVE EXISTING FANS AND DUCTWORK WITHIN PLANT ROOM

EXISTING KITCHEN EXTRACT DUCT FROM BELOW TO ROOF LEVEL TO REMAIN

REMOVE EXISTING DUCTWORK PLENUM

EXISTING DUCTWORK TERMINATION TO REMAIN

NEW SPLIT AIR-AIR HEAT PUMP UNIT SERVING AHU2 APPROXIMATE WEIGHT: 148kg

400x300mm LOBBY SUPPLY DUCT DROPS TO BELOW

350x300mm TOILET EXTRACT FROM BELOW

RECONNECT TO EXISTING KITCHEN EXTRACT DUCTWORK

EXISTING KITCHEN EXTRACT FAN TO BE RELOCATED

NEW SPLIT AIR-AIR HEAT PUMP UNIT SERVING GROUND FLOOR APPROXIMATE WEIGHT EACH: 55kg

EXTEND EXISTING WALKWAYS AND HANDRAIL TO INCLUDE NEW VRF OUTDOOR UNIT COMPOUND

VRF OUTDOOR UNITS, APPROXIMATE WEIGHT EACH: 283kg

EXISTING REDUNDANT ROOF MOUNTED CONDENSER UNITS TO BE REMOVED

AHU1 NEW TOILET EXTRACT AND LOBBY SUPPLY AIR HANDLING UNIT COMPLETE WITH PLATE HEAT EXCHANGER AND DX HEATING/COOLING COIL APPROXIMATE WEIGHT: 1218kg

400x300mm SUPPLY AIR DUCT WITH 350x300mm EXTRACT DUCT BELOW

EXISTING ROOF MOUNTED CONDENSERS TO BE RETAINED

VRF PIPEWORK AND CONTROL CABLES ON TRAY ON PURPOSE SUPPORT SYSTEM

RISER R2 REFRIGERANT PIPEWORK DROPS FROM ROOF LEVEL TO FOURTH FLOOR CEILING VOID - SYSTEMS 2, 4, 5, 6, 8, 9, 12, 13, 16 & 17

AHU2 NEW OFFICE FRESH AIR SUPPLY EXTRACT AIR HANDLING UNIT COMPLETE WITH PLATE HEAT EXCHANGER AND DX HEATING/COOLING COIL APPROXIMATE WEIGHT: 1168kg

REVISION		
REV	DESCRIPTION	DATE
T1	TENDER ISSUE	MAR 05

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 ARCHITECT: PSK PROUT TILBROOK
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TITLE: PROPOSED ROOF MECHANICAL SERVICES LAYOUT
 SCALE: 1:50
 SHEET: A0
 DATE: MAR 05
 DRAWN: DoS
 CHECKED:

PURPOSE OF ISSUE: PLANNING ISSUE

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RECOMMENDATION AGREED ON BEHALF OF THE COUNCIL