

- GENERAL NOTES:
- CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK. TRACE OUT ALL SYSTEMS BEFORE INITIATING WORK. COORDINATE SYSTEM SHUT DOWNS & SERVICE INTERRUPTIONS WITH OWNER.
 - PROVIDE ALL MATERIALS & LABOR REQUIRED TO INSTALL ALL REQUIRED COMPONENTS IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS & DRAWINGS THAT FORM PART OF THIS CONTRACT.
 - DO NOT SCALE FROM DRAWINGS.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 - INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS.
 - REPLACE ALL KITCHEN CEILING TILES WITH NEW. CLEAN ALL T-BAR AND LIGHT FIXTURES.

A	A - DETAIL NO.
B	B - LOCATION DRAWING NO. WHERE DETAIL WAS TAKEN FROM
C	C - DRAWING NO. WHERE DETAIL IS DRAWN
A	A - PLAN-SECTION, ELEVATION OR DETAIL NO.
B	B - NO. OF DRAWING WHERE ABOVE IS DRAWN

C	REISSUED FOR TENDER	JUL 4 2018
B	ISSUED FOR TENDER	JUN 8 2018
A	ISSUED FOR 99% REVIEW	APR 3 2018
revisions		date

project

NORTH WEST ATLANTIC FISHERIES CENTRE (NAFC) COOLING & VENTILATION RENOVATIONS FOR POD G10

project

drawing

dessin

NEW KITCHEN HVAC AND CEILING PLANS

designed

conçu

date

04/07/2018

drawn

dessiné

date

04/07/2018

approved

approuvé

date

04/07/2018

Tender

Soumission

PWSC Project Manager

Administrateur de projets TPSGC

project number

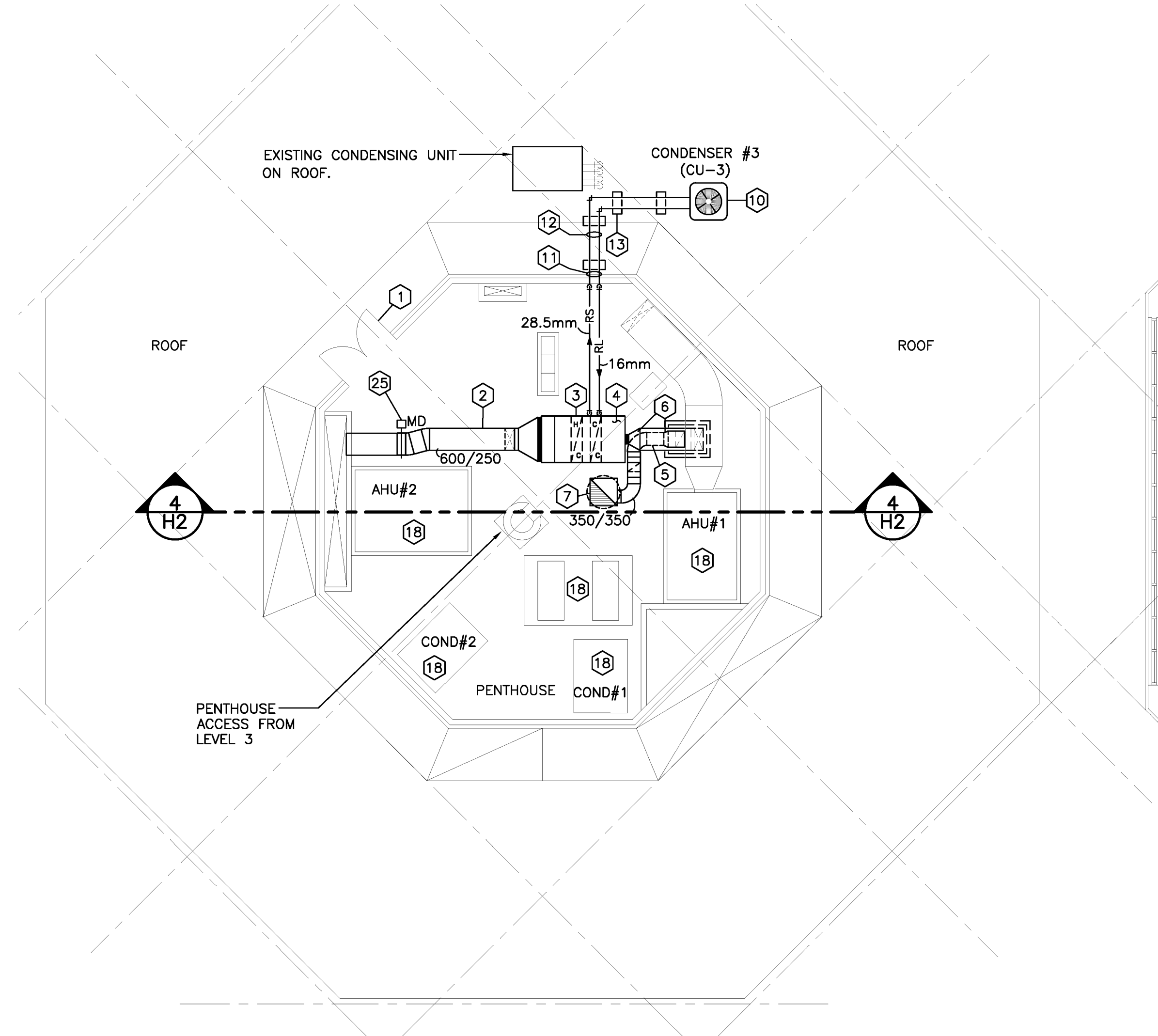
no. du projet

R.999102.002

drawing no.

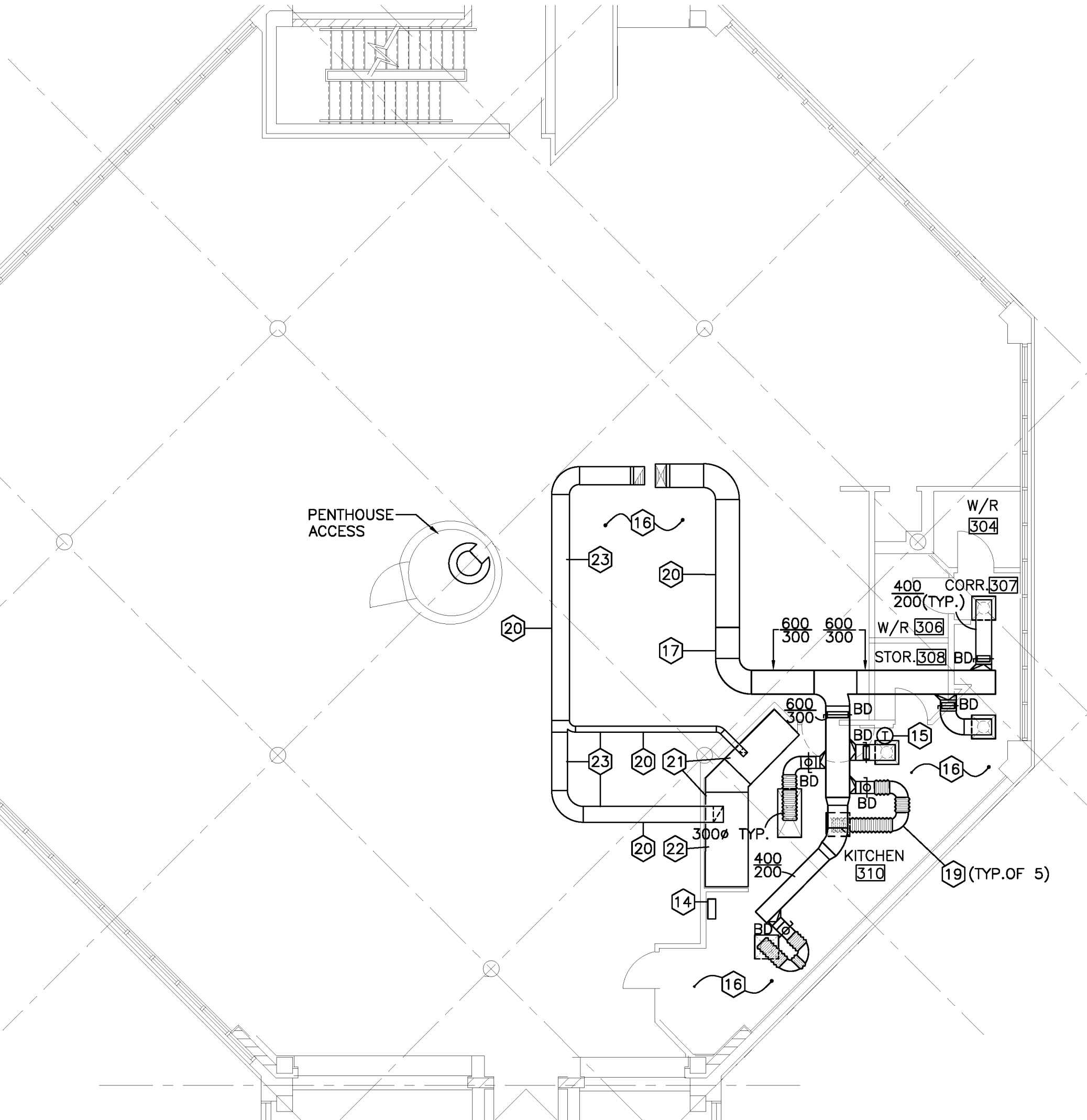
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H-2



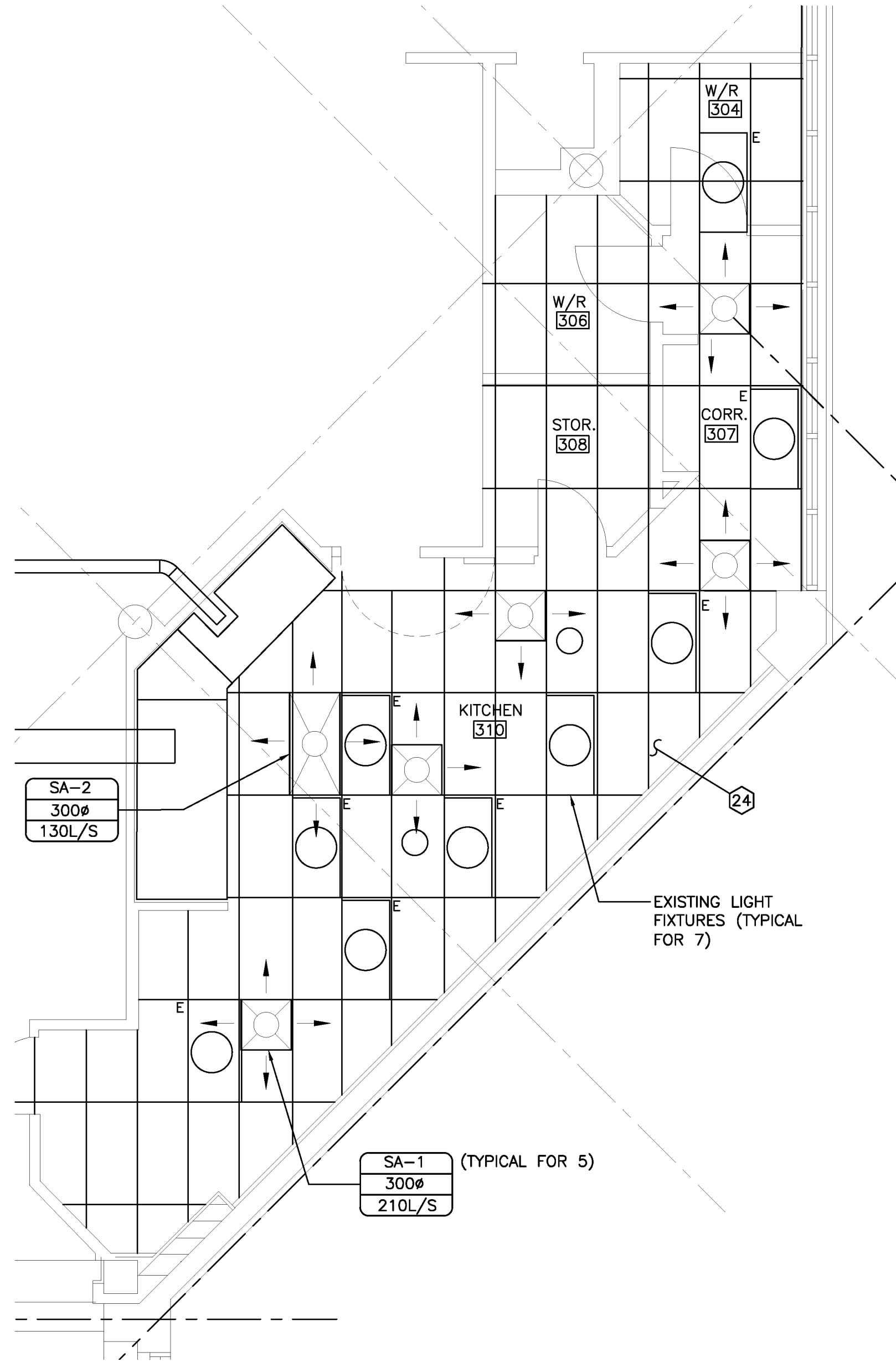
NEW PENTHOUSE PLAN - LEVEL 3 - MODULE G10

SCALE : 1:100



NEW FLOOR PLAN - LEVEL 3 - MODULE G10

SCALE : 1:100

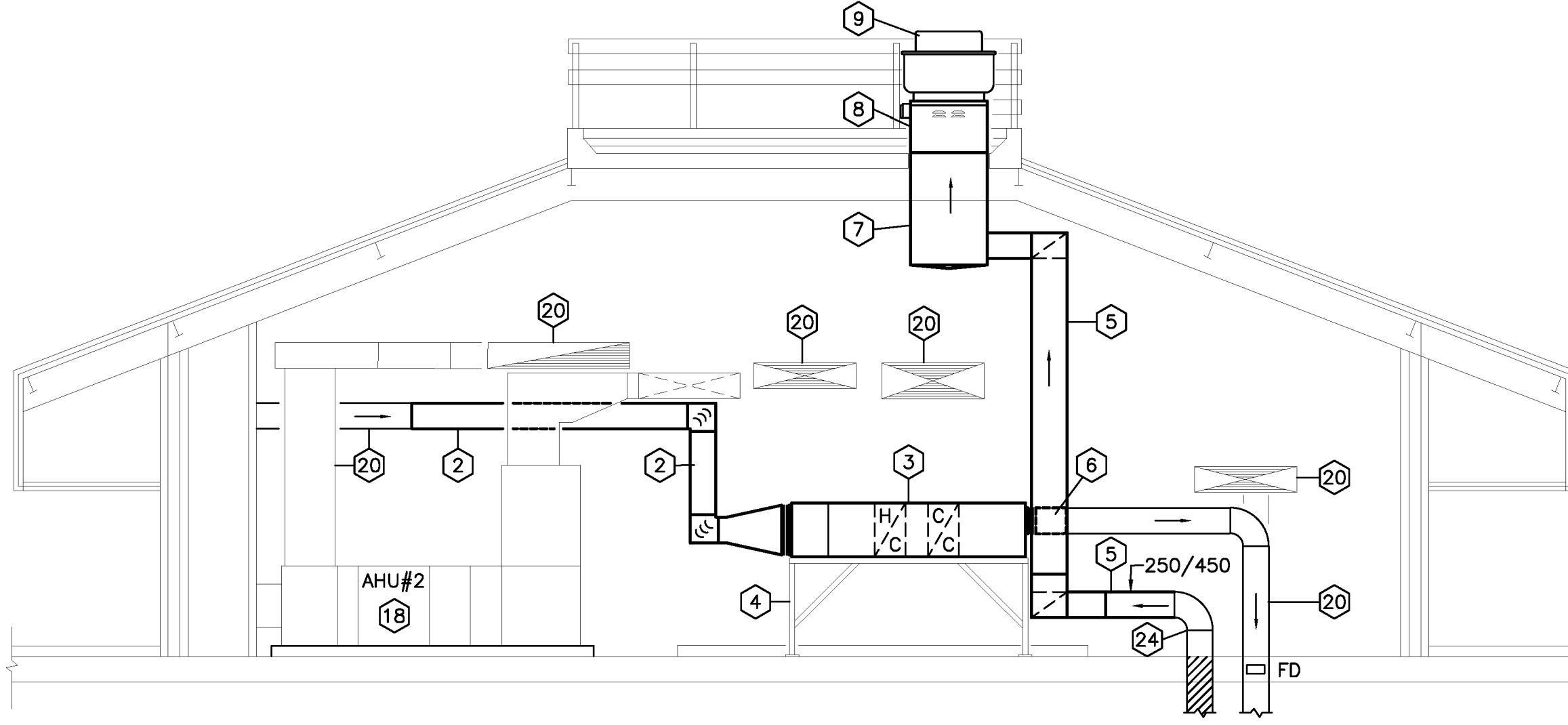


NEW KITCHEN DIFFUSER CEILING PLAN

SCALE : 1:50

NOTES:

- CONTRACTOR TO USE PENTHOUSE ROOF ACCESS DOORS FOR INSTALLATION OF EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR SAFE DELIVERY OF EQUIPMENT TO THE ROOF.
- CONNECT NEW MAKEUP AIR UNIT (MUA-1) FRESH AIR INTAKE DUCTING TO EXISTING DUCTWORK.
- NEW ULC LISTED MAKEUP AIR UNIT (MUA-1) COMPLETE WITH ELECTRIC HEATING COIL, DX COOLING COIL, AND SUPPLY FAN COMPLETE WITH VARIABLE SPEED DRIVE (VSD). SEE SPECIFICATION AND SCHEDULE FOR DETAILS.
- NEW MUA-1 MOUNTED ON STEEL SUPPORT STAND BOLTED TO FLOOR. STAND TO PROVIDE SUPPORT FOR MUA-1 AND SUPPLY FAN VSD. PROVIDE DETAILED STRUCTURAL FABRICATION DRAWING FOR PROPOSED STAND FOR APPROVAL.
- CONNECT NEW ROOFTOP EXHAUST FAN (EF-1) TO EXISTING CONTINUOUSLY WELDED DUCT WORK. PROVIDE NEW CONTINUOUSLY WELDED DUCT FROM EXISTING ELBOW TO EF-1. ALL DUCT WORK BETWEEN KITCHEN HOOD AND EF-1 MUST CONFORM TO NFPA 96.
- CONNECT NEW MAKEUP AIR UNIT (MUA-1) TO EXISTING DUCTWORK. PROVIDE NEW DUCTING FROM EXISTING ELBOW TO UNIT.
- NEW 750/750 EXHAUST AIR PLENUM.
- NEW PREFABRICATED ROOF CURB FOR EF-1 SUPPLIED AS ACCESSORY WITH FAN. SEE FAN SCHEDULE.
- NEW ROOFTOP EXHAUST FAN (EF-1). SEE SCHEDULE DRAWING AND SPECIFICATIONS FOR DETAILS.
- NEW 18KW (5 TON) OUTDOOR CONDENSER. INSTALL ON 200mm HIGH CURB. ANCHOR TO ROOF. SEE DETAIL 1 ON DRAWING H-4.
- WEATHER TIGHT ENVELOPE PENETRATION WITH DRIP EDGE FOR REFRIGERANT LINES.
- NEW ELASTOMERIC INSULATED REFRIGERANT LIQUID AND SUCTION LINES WITH JACKETS FOR AC SYSTEM SUPPORT.
- PIPE SUPPORT SLEEPERS. PROVIDE SPACE FOR ALL PIPING AND ELECTRICAL CONDUIT ON SLEEPERS. SECURE SLEEPERS TO ROOF DECK AND PIPES AND CONDUIT TO SLEEPERS. SIMILAR TO DETAIL 1, DRAWING H-4 (ONE SLEEPER PER PIPE SUPPORT LOCATION).
- NEW HOOD WASH PANEL. INSTALL NEW PIPING AND NOZZLES (FROM NEW PANEL) TO NOZZLES. CONNECT EXISTING WATER SUPPLY PIPING TO THE NEW PANEL.
- NEW SPACE THERMOSTAT FOR NEW MAKEUP AIR SYSTEM CONTROL. RUN WIRING IN CONDUIT.
- CEILING SPACE BETWEEN TILE CEILING AND ROOF IS CONGESTED WITH PIPE HANGERS AND CEILING SUPPORTS. PROVIDE NEW AND ADDITIONAL SUPPORTS TO PERMIT PLACEMENT OF NEW DUCT WORK.
- NEW SUPPLY AIR DUCTING CONNECT TO EXISTING AIR DUCT FROM MUA-1. ALLOW FOR TWO ADDITIONAL VERTICAL AND HORIZONTAL OFFSETS IN ADDITION TO SHOWN.
- EXISTING EQUIPMENT TO REMAIN.
- CONNECT ALL NEW DIFFUSERS WITH MAXIMUM 1.5m OF INSULATED FLEX WITH MINIMUM 1 BEND AND BALANCING DAMPER AT DUCT TAKEOFF. SEE DIFFUSER/REGISTER SCHEDULE FOR DETAILS.
- EXISTING DUCTS TO REMAIN.
- EXISTING KITCHEN EXHAUST HOODS TO BE WASHED AND RECERTIFIED.
- EXISTING WET CHEMICAL FIRE SUPPRESSION SYSTEM TO BE RECERTIFIED. REPLACE ALL EXISTING HEADS, PIPING ETC. DURING THE RECERTIFICATION PROCESS.
- ALL EXISTING KITCHEN GREASE EXHAUST DUCTING TO BE CLEANED. SEE SPECIFICATION FOR DETAILS.
- REPLACE ALL KITCHEN CEILING TILES WITH NEW. CLEAN ALL T-BAR AND LIGHT FIXTURES.
- NEW INSULATED MOTORIZED DAMPER TO BE FLANGED TO DUCT TYPE AND SIZED TO SUIT DUCT.



NEW MAKEUP AIR (MUA-1) UNIT - ELEVATION VIEW

SCALE : 1:50