

SOUTH GRENVILLE HIGH SCHOOL - ARCHITECTURAL SERVICE

1000 EDWARD STREET NORTH, PRESCOTT, ONTARIO

MECHANICAL

Client

| DRAWING LIST | |
|--------------|--|
| SYMBOL | DESCRIPTION |
| M0.1 | MECHANICAL DRAWING LIST, LEGENDS & SCHEDULES |
| M0.2 | SCHEDULES, CONTROLS SCHEMATICS & DETAILS |
| M0.3 | MECHANICAL AREA OF WORK |
| M1.1 | WEST WING ROOMS 135, 136, & 145 GROUND FLOOR & ROOFTOP PLUMBING & UTILITIES DEMO. |
| M1.2 | WEST WING ROOMS 135, 136, & 139 GROUND FLOOR & ROOFTOP PLUMBING & UTILITIES DEMO. |
| M1.3 | NORTH WING GROUND FLOOR & ROOFTOP PLUMBING & UTILITIES DEMOLITION |
| M1.4 | WEST WING ROOMS 143 & 145 GROUND FLOOR & ROOFTOP PLUMBING & UTILITIES NEW WORK |
| M1.5 | WEST WING ROOMS 135, 136, & 139 GROUND FLOOR & ROOFTOP PLUMBING & UTILITIES NEW WORK |
| M1.6 | NORTH WING GROUND FLOOR & ROOFTOP PLUMBING & UTILITIES NEW WORK |
| M1.7 | EAST WING GROUND FLOOR, SECOND FLOOR & ROOFTOP PLUMBING & UTILITIES DEMOLITION |
| M2.1 | WEST WING ROOMS 143 & 145 GROUND FLOOR & ROOFTOP HVAC DEMOLITION |
| M2.2 | WEST WING ROOMS 135, 136, & 139 GROUND FLOOR & ROOFTOP HVAC DEMOLITION |
| M2.3 | NORTH WING GROUND FLOOR & ROOFTOP HVAC DEMOLITION |
| M2.4 | EAST WING GROUND FLOOR, SECOND FLOOR & ROOFTOP HVAC DEMOLITION |
| M2.5 | WEST WING ROOMS 143 & 145 GROUND FLOOR & ROOFTOP HVAC NEW WORK |
| M2.6 | WEST WING ROOMS 135, 136, & 139 GROUND FLOOR & ROOFTOP HVAC NEW WORK |
| M2.7 | NORTH WING GROUND FLOOR & ROOFTOP HVAC NEW WORK |
| M2.8 | EAST WING GROUND FLOOR, SECOND FLOOR & ROOFTOP HVAC NEW WORK |

| GENERAL LEGEND | |
|----------------|--|
| SYMBOL | DESCRIPTION |
| ———— | EXISTING PIPING/DUCTWORK/EQUIPMENT |
| ----- | EXISTING PIPING/DUCTWORK/EQUIPMENT TO BE REMOVED/RELOCATED |
| ———— | NEW/RELOCATED PIPING/DUCTWORK/EQUIPMENT |
| — — — — — | EXISTING PIPING/DUCTWORK/EQUIPMENT BELOW SLAB |
| - - - - - | NEW PIPING/DUCTWORK/EQUIPMENT BELOW SLAB |
| (E) | DENOTES EXISTING EQUIPMENT |
| (R) | DENOTES RELOCATED EQUIPMENT |
| (N) | DENOTES NEW EQUIPMENT |
| (X) | DENOTES EQUIPMENT TO BE REMOVED |

| CONTROLS LEGEND | |
|-----------------|----------------------------|
| SYMBOL | DESCRIPTION |
| | LOW VOLTAGE CONTROL WIRING |
| | TEMPERATURE SENSOR |

| PLUMBING LEGEND | |
|-----------------|------------------------------|
| SYMBOL | DESCRIPTION |
| —ST— | STORM PIPING |
| —V— | VENT PIPING |
| —COND— | CONDENSATE DRAIN |
| —HWS— | HEATING WATER SUPPLY |
| —HWR— | HEATING WATER RETURN |
| —REF— | REFRIGERANT PIPING |
| —HGS— | HEATING GLYCOL SUPPLY PIPING |
| —HGR— | HEATING GLYCOL RETURN PIPING |
| RD1 | ROOF DRAIN (TYPE) |
| —P— | PIPING OFFSET |
| —B— | BRANCH PIPING DOWN |
| —D— | PIPING DOWN |
| —U— | PIPING UP |
| —R— | REDUCER |
| —B— | PIPE BREAK |
| —C— | CAP |
| —P— | P-TRAP |
| —ICD— | CLEAN OUT |
| —V— | ISOLATION VALVES |
| —B— | BACK FLOW PREVENTER (TYPE) |
| —CP— | CONDENSATE PUMP (CP) |
| —UH— | UNIT HEATER (UH) |

| HVAC LEGEND | |
|-------------|---------------------------------|
| SYMBOL | DESCRIPTION |
| — | RECTANGULAR DUCTWORK |
| — | ROUND DUCTWORK |
| — | ROUND DUCTWORK OFFSET |
| — | RECTANGULAR DUCTWORK OFFSET |
| — | DUCTWORK UP |
| — | DUCTWORK DOWN |
| — | RECTANGULAR TO ROUND TRANSITION |
| — | ECCENTRIC TRANSITION |
| — | TAKE-OFF C/W BALANCING DAMPER |
| — | TAKE-OFF |
| — | ROUND SUPPLY DIFFUSER (TYPE) |
| — | SQUARE SUPPLY DIFFUSER (TYPE) |
| — | RETURN GRILLE (RG) |
| — | WALL GRILLE (TYPE) |
| — | LOUVER (L) |
| — | MOTORIZED DAMPER |
| — | PROPELLER FAN |
| — | EXHAUST FAN (EF) |

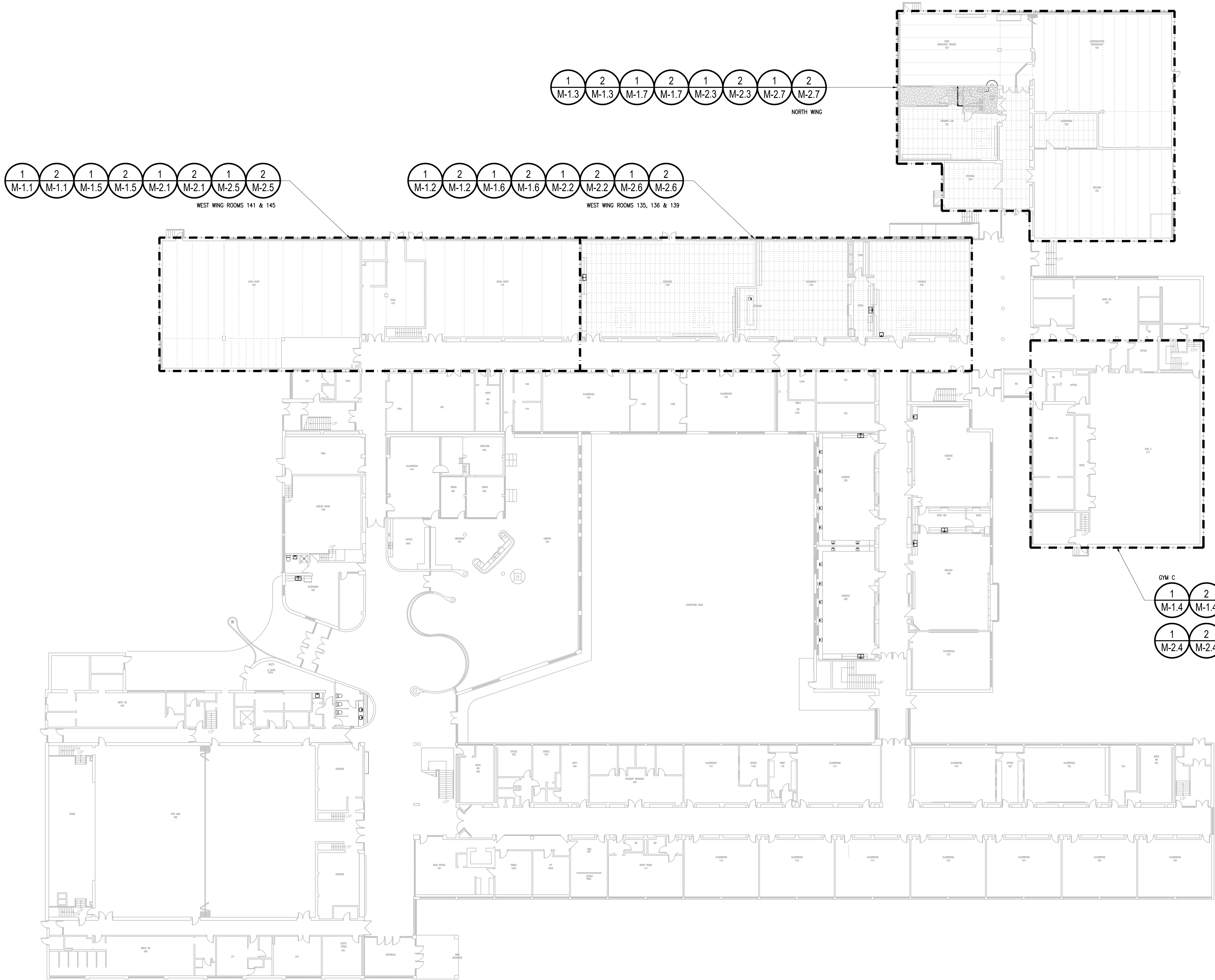
| ROOFTOP UNIT SCHEDULE WITH HEAT RECOVERY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|--|-----------------------|----------------|-------------------------------|----------------------------|---|---------------|-----------------|-------------|-------------|---------------------------|---------------------|------------------------|---------------------|---------------------|-------------------------|----------------------|----------------------|---------------------|------------------------|-------------|----------------|---------------------|------------------------|-------------|---------------------|-------------|----------------------------|-----------------|----------|---------|--|---|
| TAG | LOCATION | AREA SERVED | SUPPLY FAN DATA (VSD) | | | | HYDRONIC HEATING SECTION (40% PROPYLENE GLYCOL) | | | | | DX COOLING COIL DATA | | | | | ENERGY WHEEL DATA | | | | | | | | UNIT ELECTRICAL DATA | | ERV ELECTRICAL DATA | | UNIT WEIGHT LESS CURB (kN) | BASIS OF DESIGN | REMARKS | | | |
| | | | FAN TYPE | AIR FLOW (L/s) | EXTERNAL STATIC PRESSURE (Pa) | TOTAL STATIC PRESSURE (Pa) | MOTOR SIZE (HP) | CAPACITY (kW) | FLOW RATE (L/s) | E.A.T. (°C) | L.A.T. (°C) | FLUID PRESSURE DROP (kPa) | TOTAL CAPACITY (kW) | SENSIBLE CAPACITY (kW) | E.A.T. (DB/WH) (°C) | L.A.T. (DB/WH) (°C) | HOT GAS REHEAT (YES/NO) | REHEAT CAPACITY (kW) | WHEEL AIR FLOW (L/s) | SUMMER | | | | WINTER | | | | FLA/MCA/MOC | | | | V/PH/Hz | FLA/MCA/MOC | V/PH/Hz |
| | | | | | | | | | | | | | | | | | | | | TOTAL CAPACITY (kW) | SENSIBLE CAPACITY (kW) | L.A.T. (°C) | EFFICIENCY (%) | TOTAL CAPACITY (kW) | SENSIBLE CAPACITY (kW) | L.A.T. (°C) | EFFICIENCY (%) | | | | | | | |
| RTU-1 | ROOF L | ROOM 145 – AUTO SHOP | CENTRIFUGAL | 2,830 | 149 | 132 | 2 | 40.3 | 1.20 | 12.8 | 23.9 | 12.9 | 49.5 | 39.9 | 24.3/17.1 | 13.2/11.9 | YES | 22.6 | 590 | 14.8 | – | 25.9/18.8 | – | 20.4 | – | 15.1 | – | ~73.7/90 | 208/3/60 | ~9.88/12 | 208/3/60 | 12.3 | YORK KV15C08P2E1AAM1A1, VP020A16L2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-2 | ROOF L | ROOM 141 – WOOD SHOP | CENTRIFUGAL | 1,730 | 149 | 187 | 3 | 32.2 | 0.96 | 8.3 | 23.9 | 11.7 | 30.5 | 23.2 | 24.7/17.4 | 14.6/12.5 | YES | 13.9 | 530 | 12.0 | – | 26.5/19.3 | – | 21.7 | – | 10.4 | – | ~46.1/50 | 208/3/60 | ~8.25/10 | 208/3/60 | 7.6 | YORK KJ102C00R2BAAE1A1, VP011A12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-3 | ROOF M | ROOM 139 – EXERCISE | CENTRIFUGAL | 1,750 | 149 | 187 | 3 | 37.9 | 1.13 | 5.6 | 23.9 | 15.7 | 35.9 | 25.4 | 24.7/17.6 | 13.7/11.6 | YES | 15.2 | 540 | 12.0 | – | 26.7/19.4 | – | 21.9 | – | 9.7 | – | ~54.8/70 | 208/3/60 | ~8.25/10 | 208/3/60 | 7.4 | YORK KJ120C00R2BAAE1A1, VP011A12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-4 | ROOF M | ROOM 135 – CHEMISTRY | CENTRIFUGAL | 615 | 149 | 182 | 2 | 15.1 | 0.45 | 6.7 | 22.8 | 23.9 | 13.2 | 9.5 | 24.4/17.3 | 12.3/10.8 | YES | 7.0 | 340 | 9.1 | – | 24.8/17.8 | – | 16.6 | – | 17.3 | – | ~72/30 | 208/3/60 | ~8.25/10 | 208/3/60 | 6.0 | YORK KJ049C00R2BAAE1A1, VP011B12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-5 | ROOF M | ROOM 136 – PHYSICS | CENTRIFUGAL | 800 | 149 | 187 | 2 | 17.9 | 0.53 | 6.7 | 22.8 | 4.0 | 18.1 | 12.5 | 24.3/17.1 | 12.2/10.3 | YES | 8.6 | 340 | 9.1 | – | 24.8/17.8 | – | 16.6 | – | 17.3 | – | ~28.3/40 | 208/3/60 | ~8.25/10 | 208/3/60 | 6.0 | YORK KJ061C00R2BAAE1A1, VP011B12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-6 | ROOF Q | ROOMS 151 & 153 – TRAINING LAB & RESOURCE CENTRE | CENTRIFUGAL | 1,460 | 149 | 152 | 2 | 31.6 | 0.94 | 5.6 | 23.9 | 11.3 | 27.7 | 20.1 | 24.8/17.7 | 14.2/12.2 | YES | 13.2 | 530 | 12.0 | – | 26.6/19.4 | – | 21.8 | – | 10.2 | – | ~43.4/50 | 208/3/60 | ~8.25/10 | 208/3/60 | 7.6 | YORK KJ090C00P2BAAE1A1, VP011A12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-7 | ROOF Q | ROOM 152 & 156 – CONSTRUCTION TECHNOLOGY & CLASSROOM | CENTRIFUGAL | 1,180 | 149 | 214 | 2 | 15.2 | 0.45 | 14.4 | 23.9 | 24.3 | 20.7 | 15.6 | 24.2/17.0 | 14.2/11.9 | YES | 9.5 | 340 | 9.1 | – | 24.8/17.8 | – | 12.6 | – | 18.3 | – | ~29.6/40 | 208/3/60 | ~8.25/10 | 208/3/60 | 6.0 | YORK KJ061C00D2BAAE1A1, VP011B12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-8 | ROOF Q | ROOM 154 – WELDING | CENTRIFUGAL | 660 | 149 | 137 | 2 | 7.2 | 0.10 | 15.6 | 23.9 | 3.2 | 11.6 | 8.8 | 24.3/17.2 | 13.9/12.1 | YES | 4.1 | 340 | 9.1 | – | 24.8/17.8 | – | 16.6 | – | 17.3 | – | ~22.7/30 | 208/3/60 | ~8.25/10 | 208/3/60 | 5.8 | YORK KJ037C00D2BAAE1A1, VP011B12H2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| RTU-9 | ROOF P | ROOM 177 – GYM C | CENTRIFUGAL | 3,570 | 149 | 122 | 3 | 72.0 | 1.72 | 5.6 | 22.8 | 24.7 | 60.3 | 47.8 | 24.9/17.7 | 14.5/12.9 | YES | 24.8 | 1,130 | 24.3 | – | 27.2/19.9 | – | 33.9 | – | 11.3 | – | ~85.9/110 | 208/3/60 | ~14.75/15 | 208/3/60 | 13.2 | YORK KV18C08P2E1AAM1A1, VP022A16L2AL21 | ~C/W HOT GAS REHEAT, BACnet COMPATIBILITY, EXTERNAL ENERGY RECOVERY WHEEL |
| NOTES: 1. FOR DETAILS REFER TO SPECIFICATIONS. 2. MANUFACTURER NAME & MODEL NUMBER REPRESENTS ACCEPTABLE QUALITY STANDARD ONLY. ALTERNATIVE MATERIALS MAY BE APPROVED AFTER REVIEW OF TECHNICAL INFORMATION BY ENGINEER. 3. TYPICAL ENERGY WHEEL CONDITIONS: SUMMER – E.A.T. (°C) SHALL BE 35°C/23.9°C WINTER – E.A.T. (°C) SHALL BE -27.2°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| FIXTURE CONNECTION SCHEDULE | | | | | | | | | | | |
|---|---|-----------|-----------|-----------|-----------|----------|----------------------------------|---|--|--|--|
| TAG | FIXTURE TYPE | DCW (Ømm) | DHW (Ømm) | DTW (Ømm) | SAN (Ømm) | NG (Ømm) | BASIS OF DESIGN | DESCRIPTION | ACCESSORIES | | |
| WC-1 | BARRIER FREE FLOOR MOUNT MANUAL FLUSH TANK TYPE | 13 | — | — | 75 | — | AMERICAN STANDARD CADET 2467.016 | <ul style="list-style-type: none">* FLOOR MOUNTED VITREOUS CHINA, ELONGATED BOWL, BOTTOM OUTFLOW, PRESSURE ASSISTED SIPHON JET FLUSH ACTION, FULLY GLAZED TRAPWAY, EVERCLEAN SURFACE COATING, CLOSE COUPLED TANK, 420MM BOWL HEIGHT, 6 LFP,MEETS ASME A112.19.2-2008 / CSA B45.1-08* ALL MOUNTING HARDWARE TO BE VANDAL RESISTANT* STAINLESS STEEL FASTENERS | <ul style="list-style-type: none">* CENTRO #800STSE-001, COMMERCIAL HEAVY DUTY TOILET SEAT, ELONGATED, POLYPROPYLENE SEAL, CLOSED FRONT, COMMERCIAL HINGE, FULL COVER, STAINLESS STEEL HINGE/HARDWARE*COLD WATER LINE TO BE EQUIPPED WITH WATER HAMMER ARRESTOR. | | |
| LAV-1 | BARRIER FREE LAVATORY (ELECTRONIC FAUCET) | 13 | 13 | — | 40 | — | AMERICAN STANDARD MURRO 0954.000 | <ul style="list-style-type: none">* WALL MOUNT BARRIER FREE VITREOUS CHINA LAVATORY, REAR OVERFLOW, RECESSED SELF-DRAINING DECK, CHROME PLATED GRID STRAINER — ELECTRONIC SENSOR FAUCET, 1.8GPM, BELOW DECK MIXING VALVE C/W INSTALLATION KIT, SHROUD/KNEE CONTACT GUARD (0059.020), WALL CARRIER | <ul style="list-style-type: none">* MOEN M POWER ELECTRONIC FAUCET 8553 SERIES, CHROME HANDS FREE SENSOR, ESCUTCHEON PLATE TO SUIT LAVATORY HOLE COUNT, SINGLE MOUNT, VANDAL RESISTANT, 0.5 GPM, TO ANSI A112.18.1, ADA COMPLIANT, C/W MIXING VALVE MVI, AND C/W 120V LINE VOLTAGE AC TRANSFORMER AND CONTROL. | | |
| S-1 | STAINLESS STEEL SINGLE BOWL | 13 | 13 | — | 40 | — | KINDRED QSL2020-7-3 | <ul style="list-style-type: none">* SINGLE COMPARTMENT SELF RIMMING, 3 HOLE DROP-IN SINK WITH FAUCET LEDGE, 18 GAUGE, TYPE 316 STAINLESS STEEL 200mm DEEP, C/W WASTE FITTING, FACTORY APPLIED RIM SEAL, AND FACTORY INSTALLED FASTENERS. CERTIFIED TO ASME A112.19.3-2008 / CSA B45.4-08, CENTRE WASTE LOCATION, 3 1/2", TYPE 316 STAINLESS STEEL CRUMB CUP STRAINER WITH 1 1/2" STAINLESS STEEL TAILPIECE. | <ul style="list-style-type: none">* C/W DELTA 26C3232, TWO HANDLE 200mm CENTER DECK MOUNT FAUCET | | |
| RD1 | LARGE AREA ROOF DRAIN | — | — | — | 100 | — | THALER RD-4C | VANDAL PROOF, CAST ALUMINUM DOME WITH HINGED ACCESS GATE CLAMPED DIRECTLY TO THE DRAIN BODY, 2.3MM PAN FORMED COPPER DRAIN BODY, DECK FLANGE AND STRAIGHT COPPER OUTLET, 9MM STAINLESS STEEL BOLTS WELDED TO DRAIN, CAST BRASS STABILIZER RING, MJ TYPE CONNECTION. | <ul style="list-style-type: none">* MJ TYPE CONNECTION | | |
| NOTES: 1. COORDINATE EXACT PIPING LOCATIONS ON SITE AND COORDINATE WITH ALL ARCHITECTURAL DETAILS FOR FIXTURE ELEVATIONS AND MOUNTING REQUIREMENTS. DO NOT ATTACH FIXTURE TO FACE BLOCK, SECURE TO RECESSED CARRIERS AS PER MANUFACTURER'S RECOMMENDATIONS. 2. VENT TO MEET CBC REQUIREMENTS, VENTING THROUGH SLOPED ROOFS NOT PERMITTED. 3. MANUFACTURER NAME & MODEL NUMBER REPRESENT SCHOOLBOARD APPROVED BASIS OF DESIGN. 4. MINIMUM UNDERGROUND SANITARY PIPING SIZE TO BE 75#. 5. INSTALLATION OF SINK TO COMPLY WITH LATEST EDITION OF CSA B651 STANDARD FOR BARRIER-FREE ACCESS. INSULATE DOMESTIC HOT WATER AND DRAIN PIPING UNDER COUNTER. SEE ARCH. DWG FOR DETAILS. ACCEPTABLE MATERIAL: SKALLGARD WHITE OR MINERAL FIBRE WITH WHITE PVC JACKET. 6. ALL WIRING AND TRANSFORMERS FOR POWERED FIXTURES MUST BE HIDDEN IN WALL AND OR ACCESSIBLE CEILING SPACE. PROVIDE POWDER COATED WHITE ACCESS DOOR TO CONCEAL ELECTRICAL EQUIPMENT, GROUP ACCESS DOORS WHERE POSSIBLE TO REDUCE QUANTITIES. COORDINATE RECEPTACLE LOCATIONS WITH DIV 26. | | | | | | | | | | | |

| FAN SCHEDULE | | | | | | | | | | | | |
|---|----------|-----------------------|----------|---------------------|----------------|----------|-----------------|-------|-----------------|----------|----------------------|---|
| TAG | LOCATION | FUNCTION | FAN DATA | | | | | | ELECTRICAL DATA | | BASIS OF DESIGN | REMARKS |
| | | | TYPE | DRIVE (BELT/DIRECT) | AIR FLOW (L/s) | ESP (Pa) | FAN SPEED (RPM) | SONES | MOTOR SIZE (HP) | V/PH/Hz | | |
| EF-1 | ROOF K | AUTO SHOP EXHAUST | UPBLAST | DIRECT | 1,520 | 250 | 1,432 | 18.7 | 1.5 | 115/1/60 | GREENHECK GB-160 | - C/W 750MM ROOF CURB, INTERLOCKED WITH FRESH AIR DAMPER AND CO/NO _x |
| EF-2 | ROOF M | CHEMISTRY LAB EXHAUST | UPBLAST | DIRECT | 805 | 250 | 1,414 | 11.2 | 0.75 | 115/1/60 | GREENHECK CUE-140-VG | - C/W 750MM ROOF CURB, REMOTE CONTROLLER |
| EF-3 | ROOF Q | RESOURCE CENTER | UPBLAST | DIRECT | 95 | 250 | 1,721 | 9.5 | 0.25 | 115/1/60 | GREENHECK G-097-VG | - C/W 750MM ROOF CURB |
| EF-4 | ROOF P | WOMEN'S CHANGEROOM | UPBLAST | DIRECT | 480 | 250 | 1,427 | 11.6 | 0.5 | 115/1/60 | GREENHECK G-120-VG | - C/W 750MM ROOF CURB |
| EF-5 | ROOF P | MEN'S CHANGEROOM | UPBLAST | DIRECT | 480 | 250 | 1,427 | 11.6 | 0.5 | 115/1/60 | GREENHECK G-120-VG | - C/W 750MM ROOF CURB |
| NOTES: 1. FOR DETAILS REFER TO SPECIFICATIONS. 2. DISCONNECT SWITCH BY DIV. 26. 3. SPEED SWITCHES SHALL BE SUPPLIED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR. | | | | | | | | | | | | |

| GRILLE AND DIFFUSER SCHEDULE | | | | | | |
|--|-----------------------|--------------|--------------|-----------------|--------|-----------------|
| UNIT NO. | TYPE | MODULE (mm) | INLET (mm) | MOUNT | FINISH | BASIS OF DESIGN |
| SD1 | PLATE SUPPLY DIFFUSER | AS INDICATED | AS INDICATED | CEILING | B12 | EH PRICE SCD |
| SD2 | ROUND SUPPLY DIFFUSER | AS INDICATED | AS INDICATED | CEILING | B12 | EH PRICE RCD |
| EG1 | EXHAUST AIR GRILLE | AS INDICATED | AS INDICATED | WALL | B12 | EH PRICE 530 |
| RG1 | RETURN AIR GRILLE | AS INDICATED | AS INDICATED | DROP IN/CEILING | – | EH PRICE 80 |
| NOTES: 1. FOR DETAILS REFER TO SPECIFICATIONS. | | | | | | |

| GLYCOL FEED STATION SCHEDULE | | | | | | | |
|--|--------------------|--------------------|------------|------------|-----------------|----------|---|
| TAG | LOCATION | FLUID CAPACITY (L) | PUMP DATA | | ELECTRICAL DATA | | REMARKS |
| | | | FLOW (L/s) | HEAD (KPa) | MOP | V/PH/Hz | |
| GF-1 | ROOM 154 – WELDING | 64 | 0.063 | 12 | 15 | 120/1/60 | – DRY CONTACTS, DIGITAL PRESSURE DISPLAY, LOW LEVEL ALARM PANEL |
| NOTES: 1. FOR DETAILS REFER TO SPECIFICATIONS. | | | | | | | |



1
M0.3
AREAS OF WORK
1:250

Client

| DATE | REVISION | REF |
|------------|-----------------------|-----|
| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHER FAILURE TO OBTAIN AND / OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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NE PAS MESURER LES DESSINS À L'ÉCHELLE

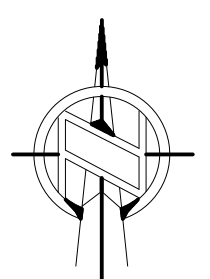
**GWAL**
Goodkey Weedmark & Associates Ltd.




1688 Woodward Dr.
Ottawa, Ontario
Canada K2C 3R8

613 727-5111 Voice
613 727-5115 Fax
www.gwal.com Web

Project north
Nord du projet

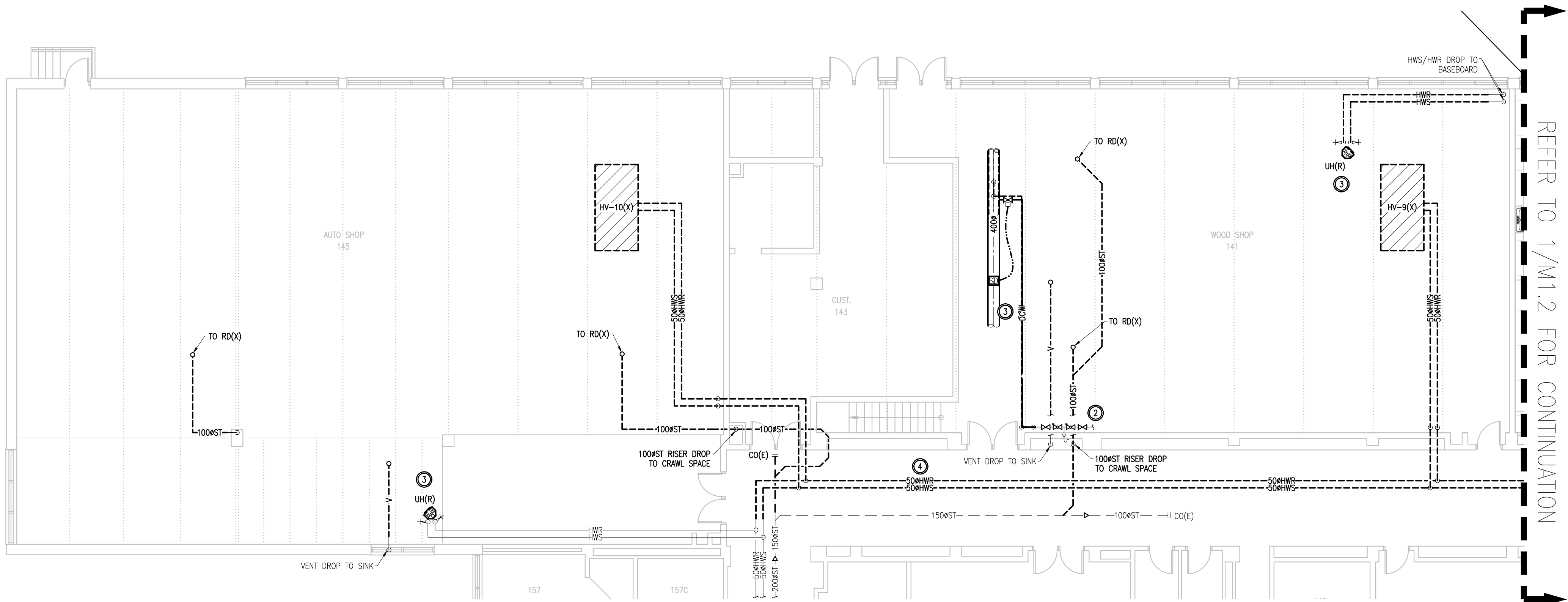


Seal/Scapu


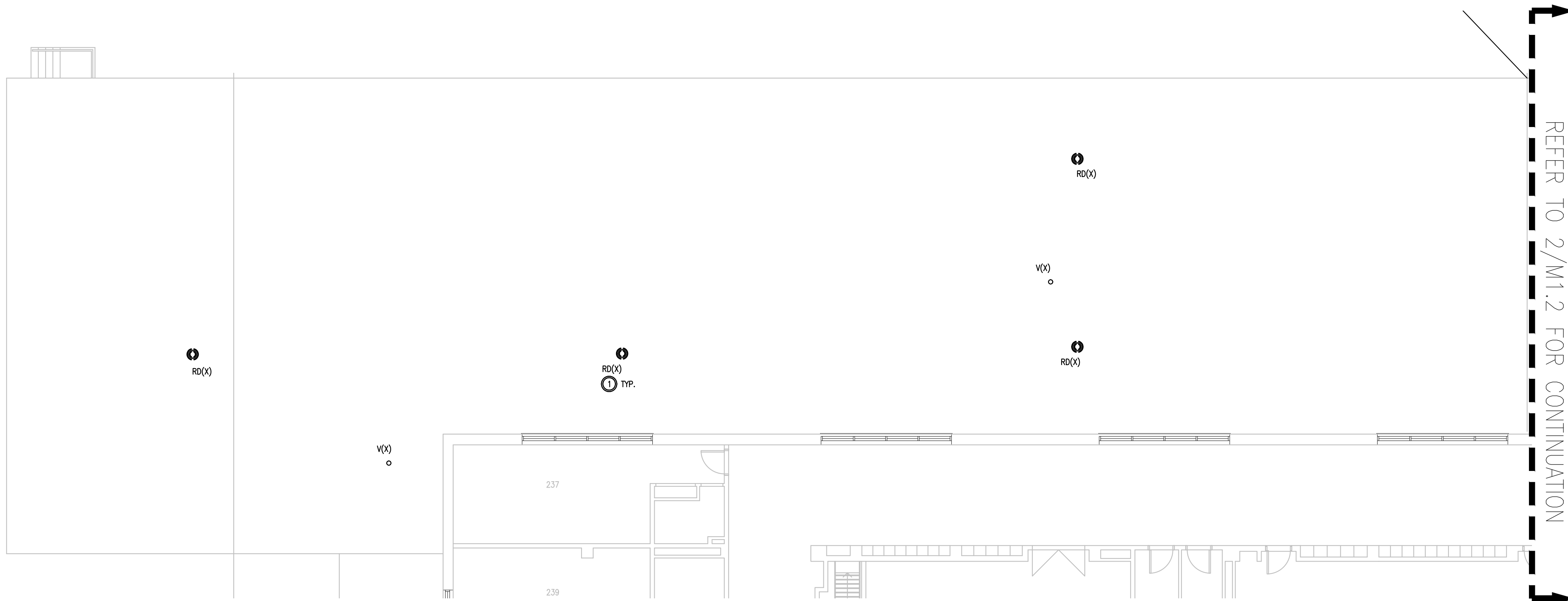
Project/Projet
**1000 EDWARD ST. NORTH -
PRESCOTT, ON - SOUTH
GRENVILLE DISTRICT HS**

Drawing title/Titre du dessin
**MECHANICAL AREAS OF
WORK**

| | | |
|----------------------------|----------------------|---------------------------------------|
| Scale Échelle | AS NOTED 2025-633 | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M0.3 OF OF |
| Reviewed by Examiné par | S. HAMILTON | |



1
M1.1
WEST WING GROUND FLOOR - ROOMS 143 & 145 - PLUMBING & UTILITIES DEMOLITION
1:100



2
M1.1
WEST WING ROOFTOP - ROOMS 143 & 145 - PLUMBING & UTILITIES DEMOLITION
1:100

- DRAWING NOTES**
- 1 REMOVE ROOF DRAINS, STORM WATER PIPING, VENT PIPING AS INDICATED.
 - 2 REMOVE COW PIPING BACK TO BACKFLOW PREVENTER. TEMPORARILY CAP.
 - 3 REMOVE UNIT HEATERS AS INDICATED. RETAIN UNIT HEATERS FOR REINSTALLATION
 - 4 REMOVE HOT WATER SUPPLY & RETURN BRANCH PIPING AS INDICATED. REMOVE HOT WATER SUPPLY & RETURN MAINS IN HALLWAY AS INDICATED.

Client

| DATE | REVISION | REF |
|------------|-----------------------|-----|
| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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Nord du projet

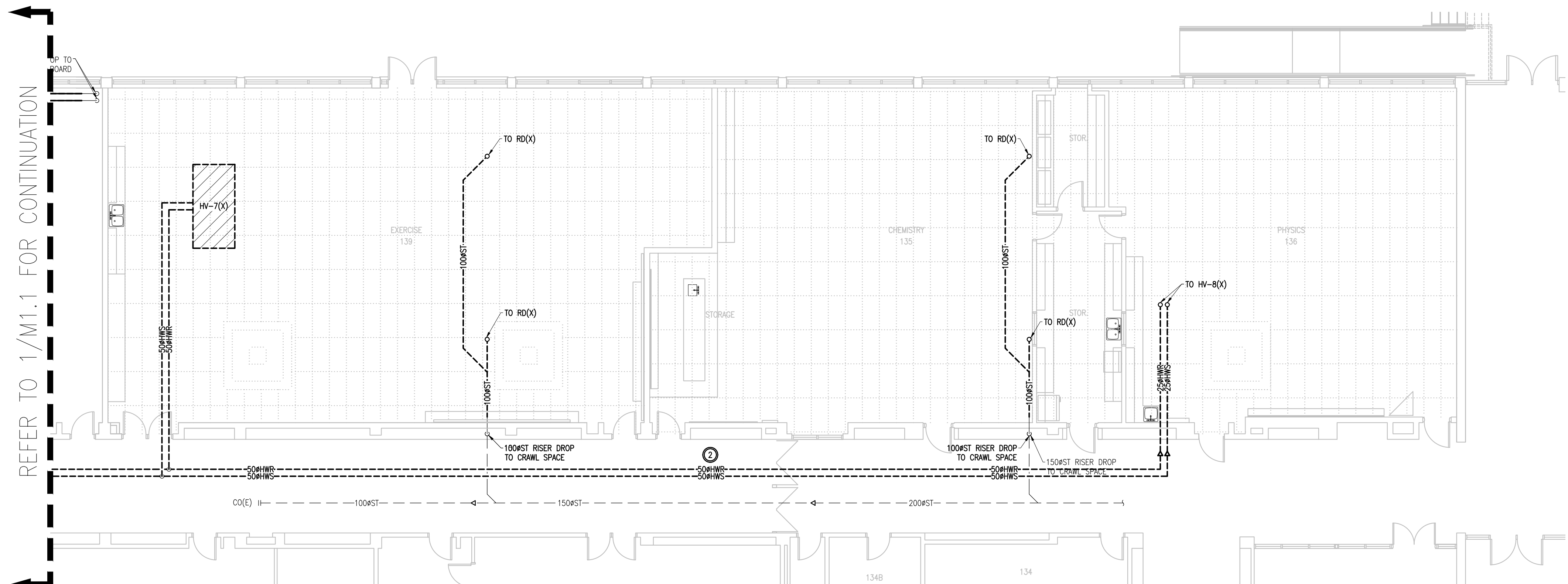
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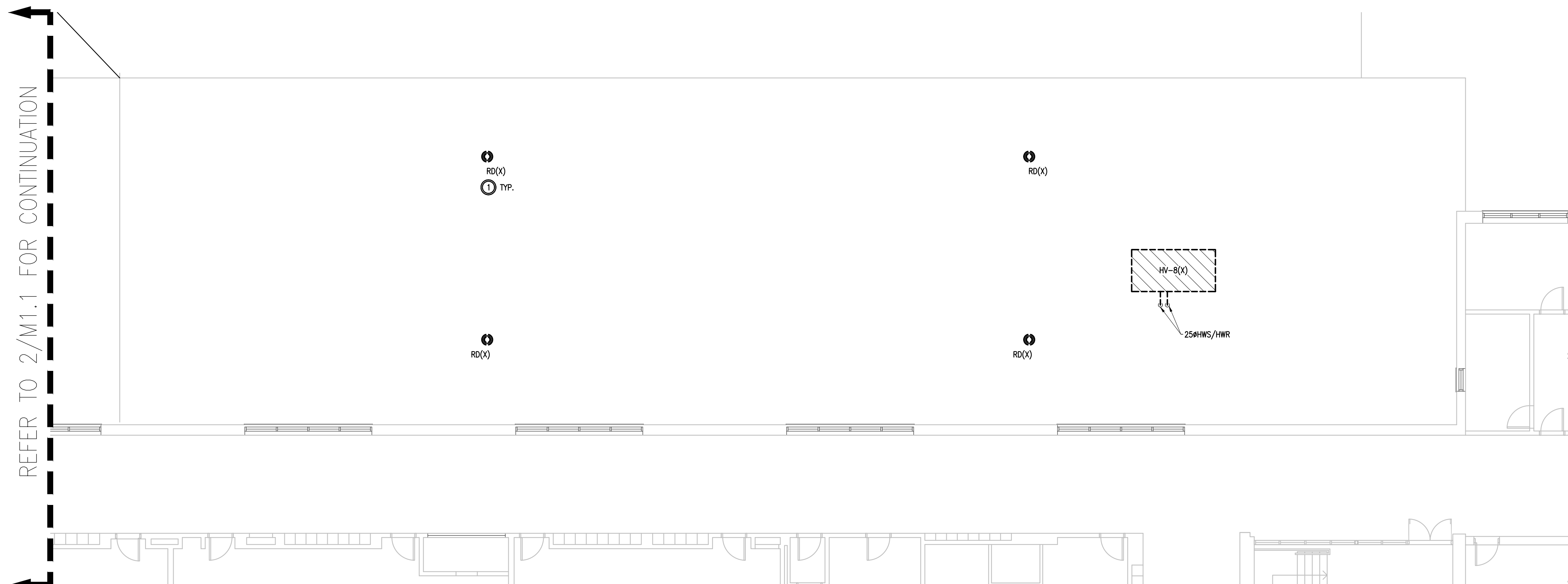
Project/Projet
1000 EDWARD ST. NORTH -
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GRENVILLE DISTRICT HS

Drawing title/Titre du dessin
WEST WING ROOMS 143 &
145 GROUND FLOOR &
ROOFTOP
PLUMBING & UTILITIES DEMO.

| | | |
|-------------------------|----------------------|---------------------------------------|
| Scale Echelle | AS NOTED 2025-633 | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin M1.1 |
| Drawn by Dessiné par | M. DE CESARE | Reviewed by Examiné par |
| | S. HAMILTON | |



1
M1.2
1:100
WEST WING GROUND FLOOR - ROOMS 135, 136 & 139 - PLUMBING & UTILITIES DEMOLITION



2
M1.2
1:100
WEST WING ROOFTOP - ROOMS 135, 136 & 139 - PLUMBING & UTILITIES DEMOLITION

- DRAWING NOTES**
- 1 REMOVE ROOF DRAINS, STORM WATER PIPING, VENT PIPING AS INDICATED.
 - 2 REMOVE HOT WATER SUPPLY & RETURN BRANCH PIPING AS INDICATED. REMOVE HOT WATER SUPPLY & RETURN MAINS IN HALLWAY AS INDICATED.

Client

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| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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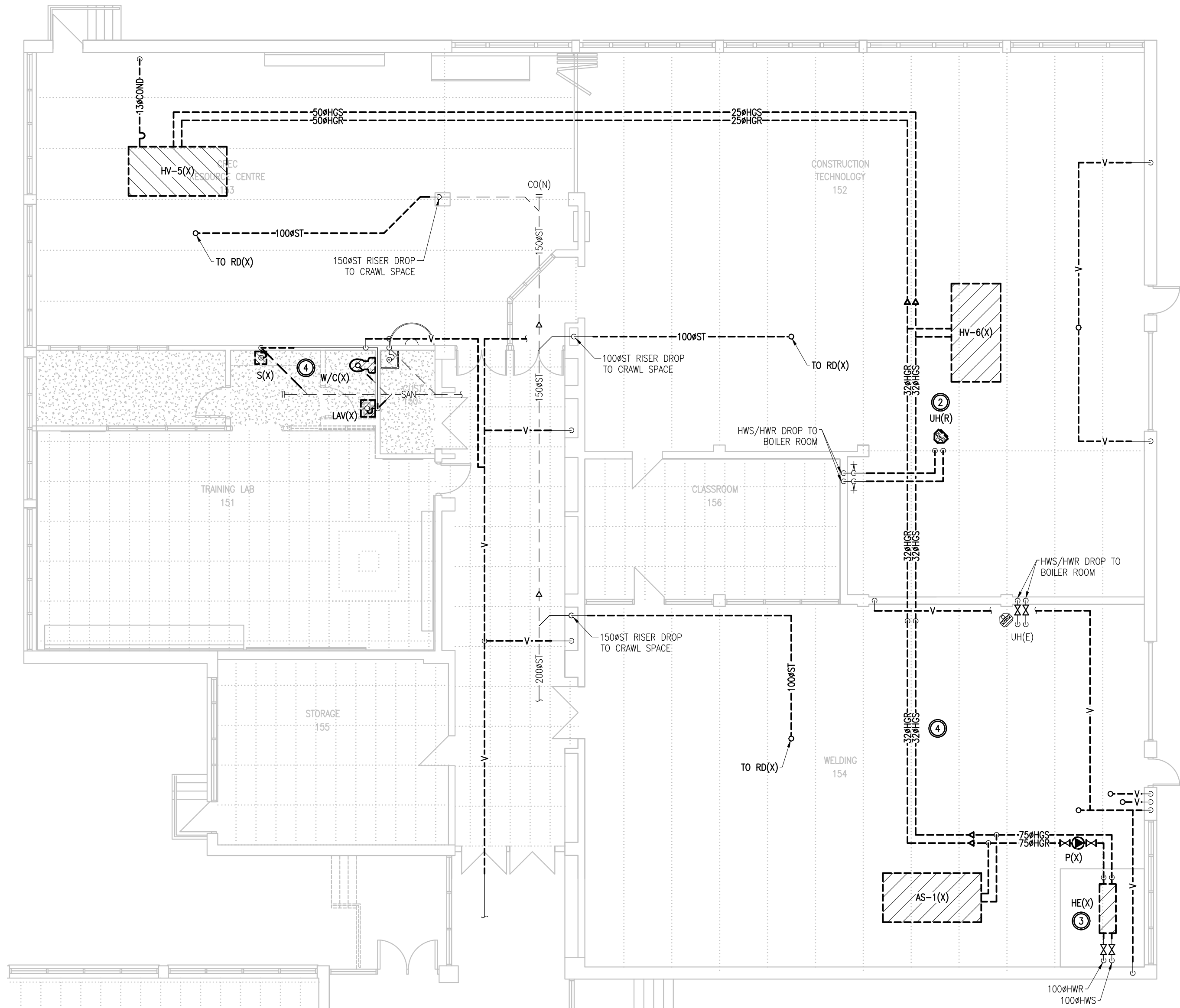
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Drawing title/Titre du dessin
WEST WING ROOMS 135, 136,
& 139 GROUND FLOOR &
ROOFTOP
PLUMBING & UTILITIES DEMO.

| | | |
|----------------------------|----------------------|---------------------------------------|
| Scale Echelle | AS NOTED 2025-633 | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.2 |
| Reviewed by Examiné par | S. HAMILTON | OF OF |



1 NORTH WING GROUND FLOOR - ROOMS 151-156 - PLUMBING & UTILITIES DEMOLITION
M1.3 1:100



2 NORTH WING ROOFTOP - ROOMS 151-156 - PLUMBING & UTILITIES DEMOLITION
M1.3 1:100

- DRAWING NOTES**
- 1 REMOVE EXISTING ROOF DRAINS, STORM WATER PIPING, VENT PIPING AS INDICATED.
 - 2 REMOVE UNIT HEATERS C/W HOT WATER SUPPLY & RETURN PIPING AS INDICATED. RETAIN FOR NEW WORK.
 - 3 REMOVE HEAT EXCHANGER C/W HEATING GLYCOL SUPPLY & RETURN PIPING AS INDICATED. TEMPORARILY CAP 100# HOT WATER SUPPLY & RETURN HEATING PIPING TO HEAT EXCHANGER.
 - 4 REMOVE EXISTING SINK (S), TOILET (W/C), & LAVATORY (LAV), RETAIN DOMESTIC HOT AND COLD WATER PIPING FOR NEW PLUMBING FIXTURES.

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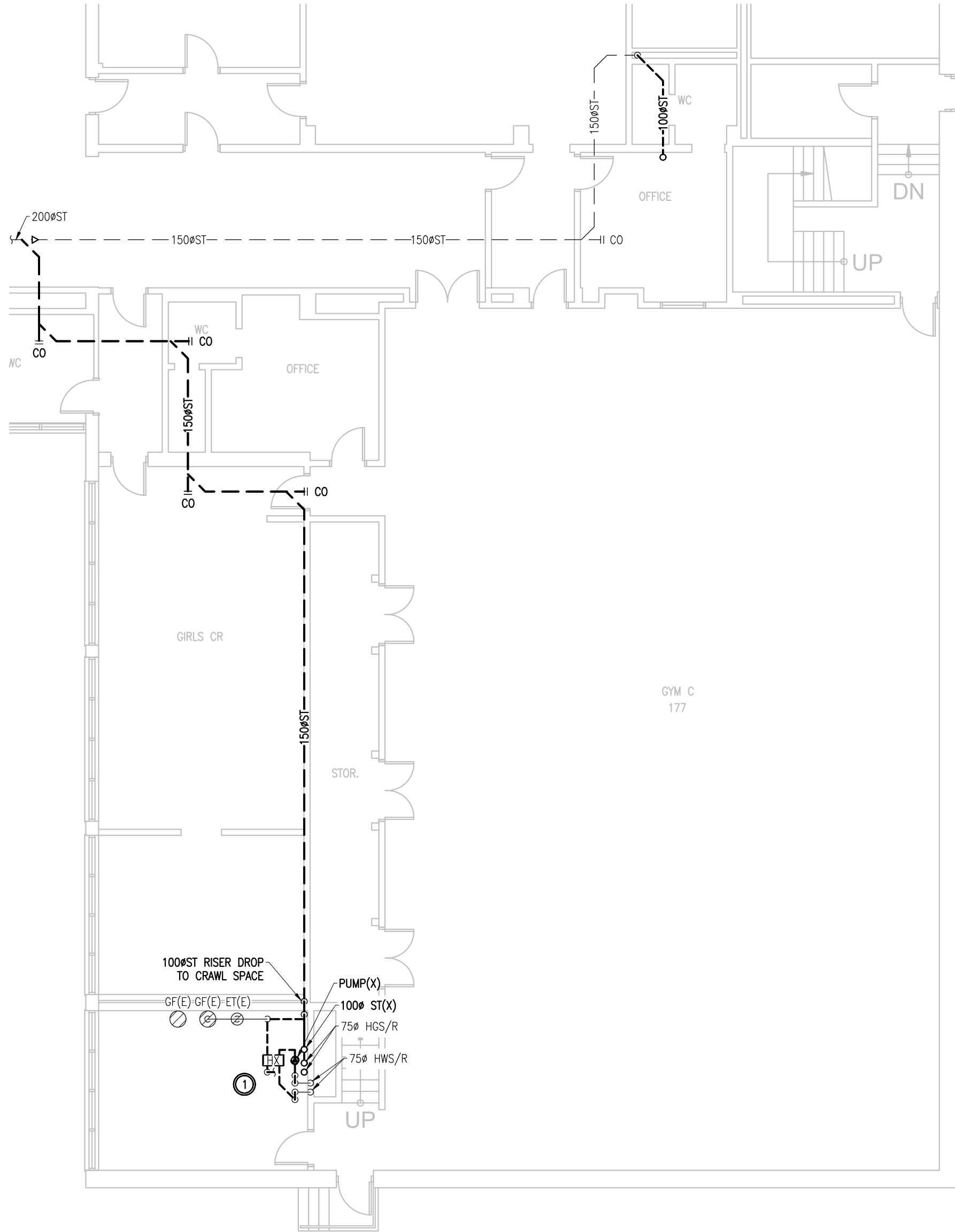
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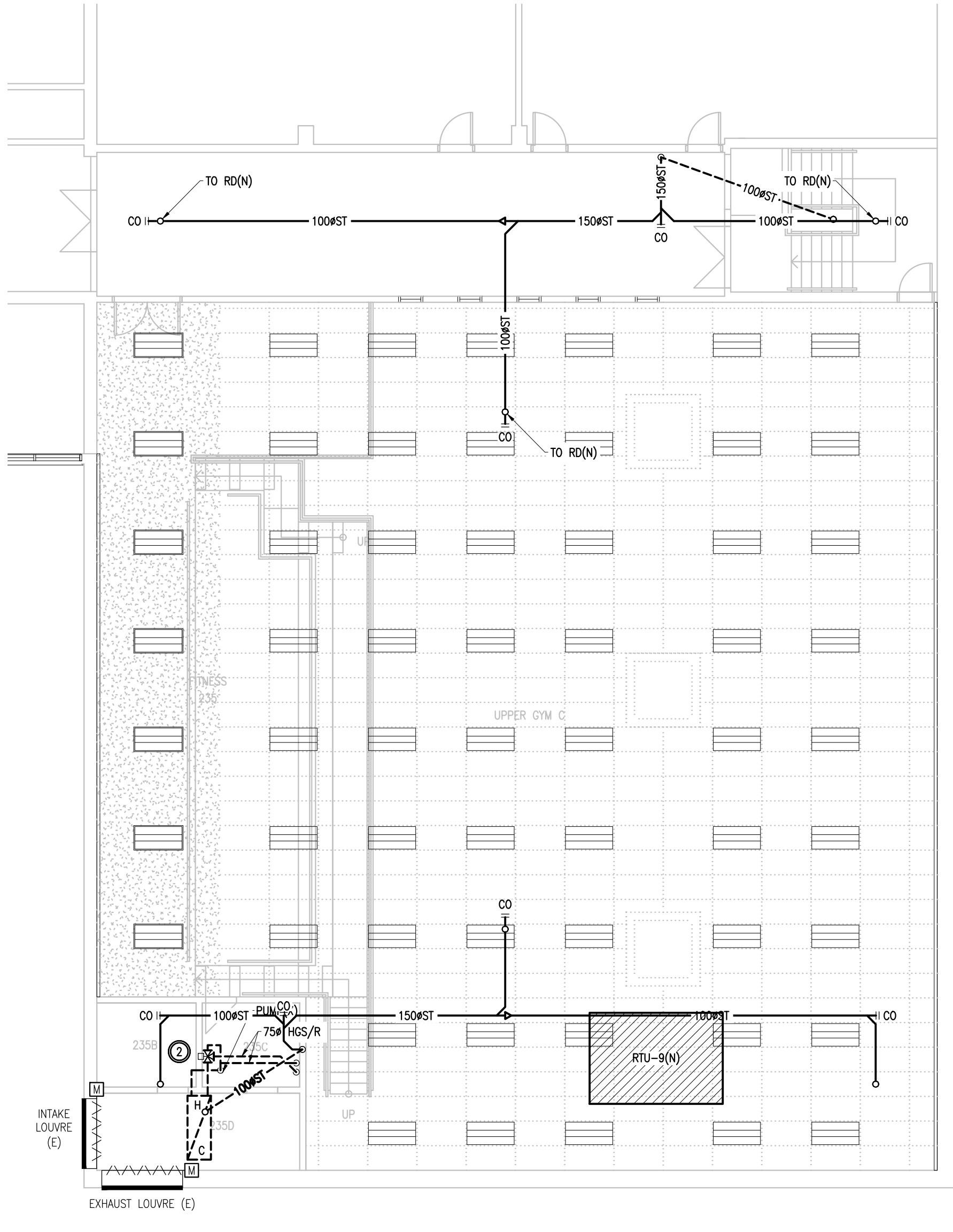
Drawing title/Titre du dessin

NORTH WING GROUND
FLOOR & ROOFTOP
PLUMBING & UTILITIES
DEMOLITION

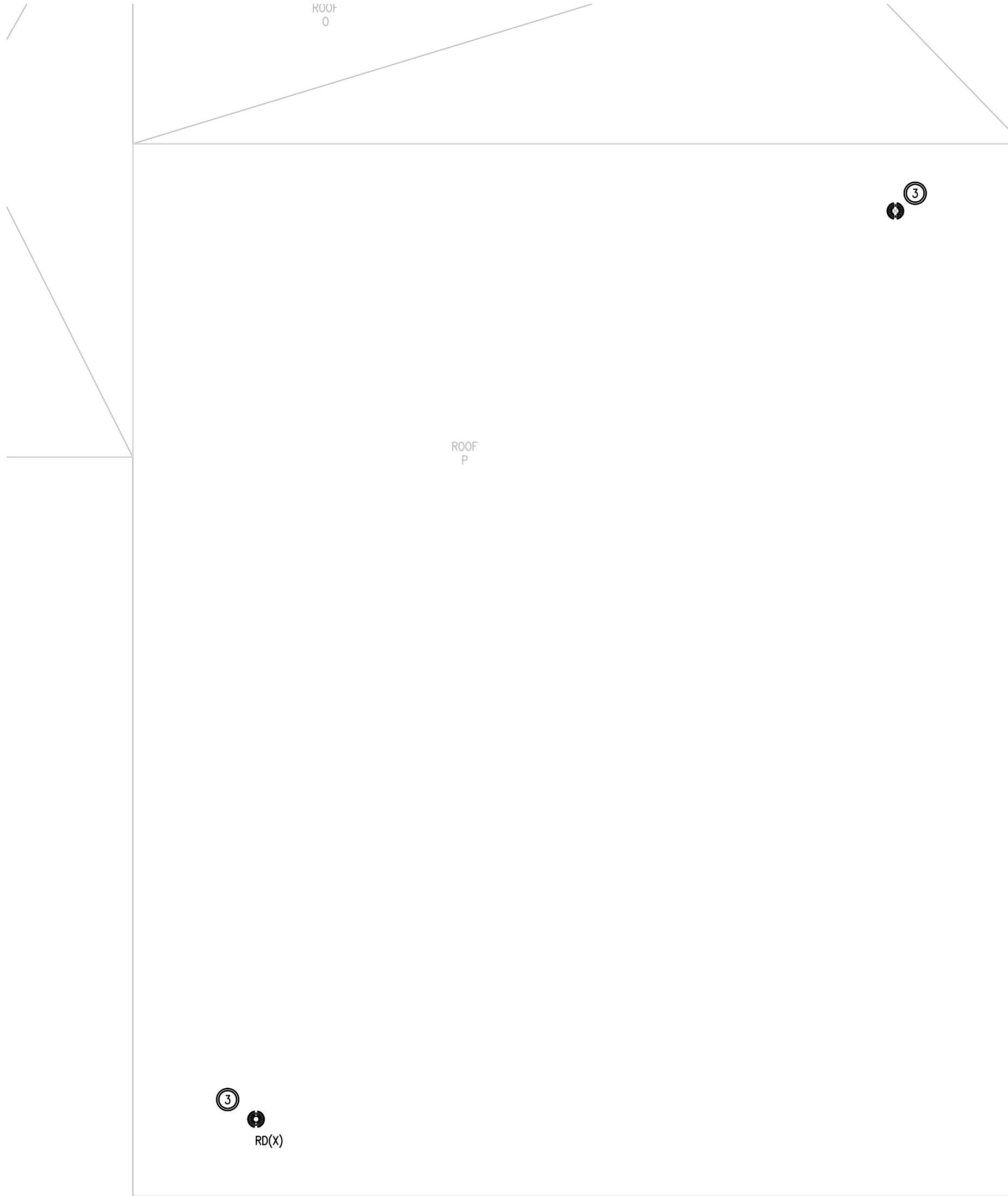
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| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.3 |
| Reviewed by Examiné par | S. HAMILTON | OF |



1 EAST WING GROUND FLOOR - GYM C - PLUMBING DEMOLITION
M1.4 1:100



2 EAST WING SECOND FLOOR - GYM C - PUMBING DEMOLITION
M1.4 1:100



3 EAST WING ROOFTOP - GYM C - PLUMBING DEMOLITION
M1.4 1:100

- DRAWING NOTES
- 1 REMOVE PIPING C/W HEAT EXCHANGER, PUMP AS INDICATED.
 - 2 REMOVE COILS C/W PIPING, CIRCULATION PUMP AND 3-WAY VALVE AS INDICATED.
 - 3 REMOVE ROOF DRAINS AS INDICATED C/W HORIZONTAL PIPING BACK TO RISER.

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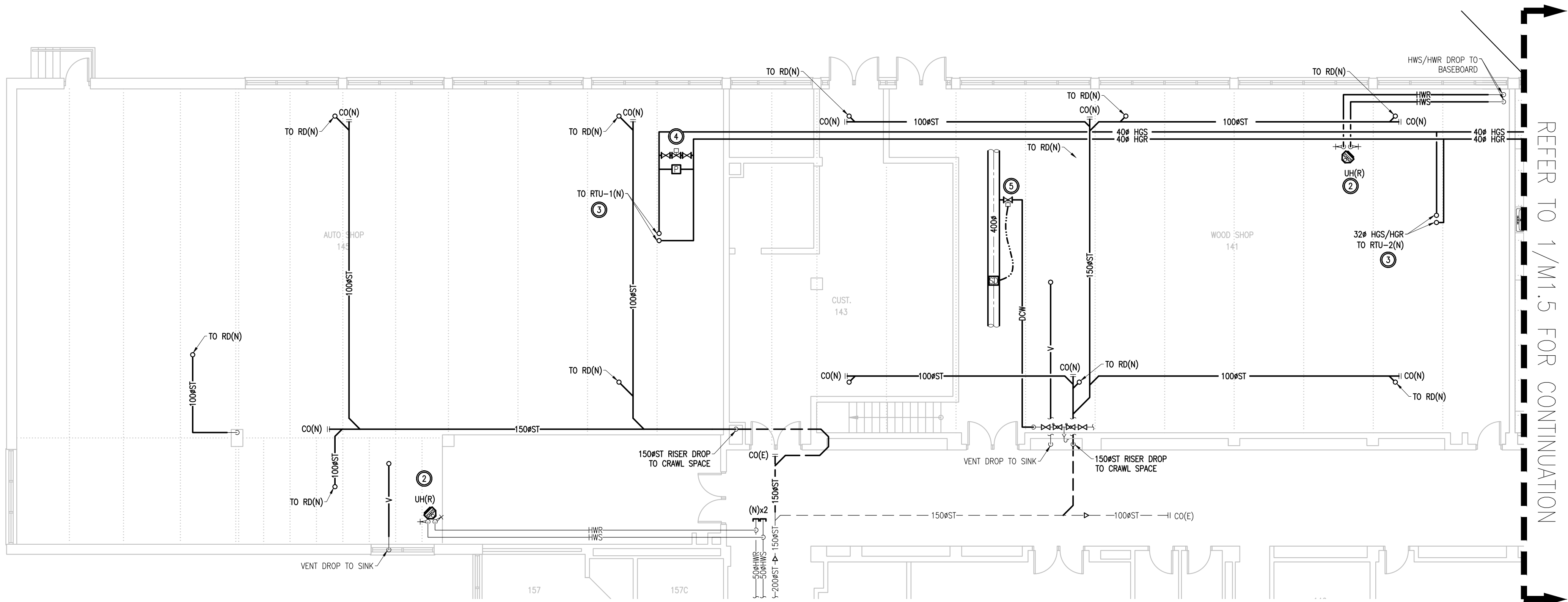
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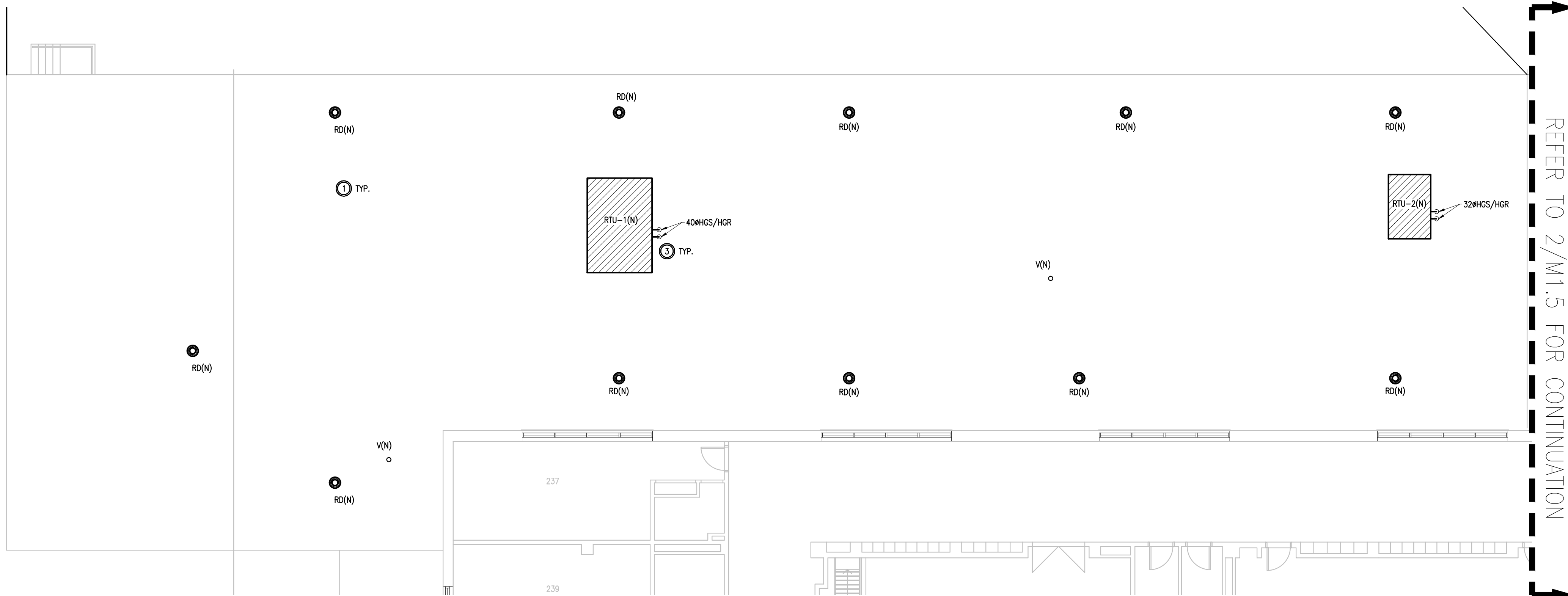
Drawing title/Titre du dessin

EAST WING GROUND FLOOR,
SECOND FLOOR & ROOFTOP
PLUMBING & UTILITIES
DEMOLITION

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Echelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.4 OF |
| Reviewed by Examiné par | S. HAMILTON | |



1 WEST WING GROUND FLOOR - ROOMS 143 & 145 - PLUMBING & UTILITIES NEW WORK
M1.5 1:100



2 WEST WING ROOFTOP - ROOMS 143 & 145 - PLUMBING & UTILITIES NEW WORK
M1.5 1:100

DRAWING NOTES

- 1 PROVIDE ROOF DRAINS, STORM WATER PIPING, VENT PIPING AS INDICATED.
- 2 INSTALL RETAINED UNIT HEATERS AS INDICATED. EXTEND HOT WATER SUPPLY & RETURN PIPING.
- 3 PROVIDE NEW GLYCOL HEATING SUPPLY & RETURN PIPING TO ROOFTOP RTU'S.
- 4 PROVIDE PRESSURE BYPASS TO BE CONTROLLED TO MAINTAIN DIFFERENTIAL PRESSURE SETPOINT BETWEEN HWS & HWR.
- 5 PROVIDE IN DUCT SPRINKLER C/W CONTROL VALVE & SPARK DETECTOR AS INDICATED. RUN NEW DOMESTIC COLD WATER PIPING FROM BACKFLOW PREVENTER AS REQUIRED.

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| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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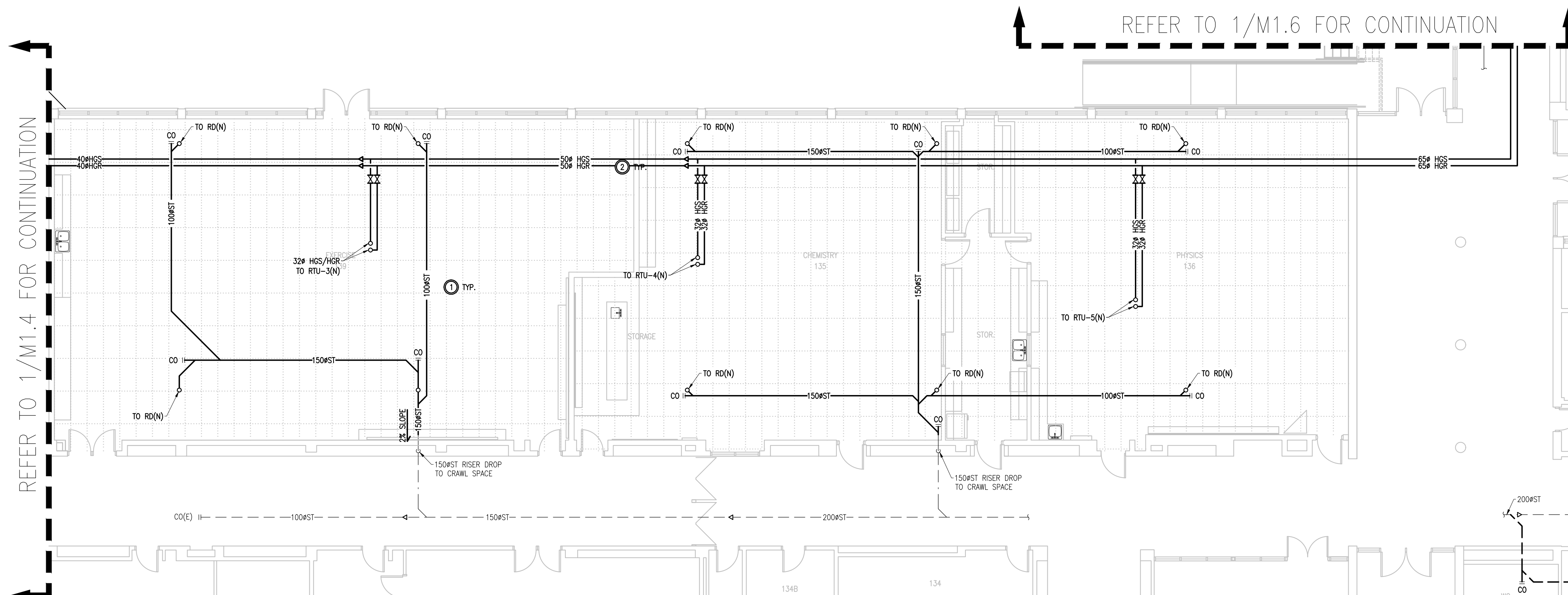
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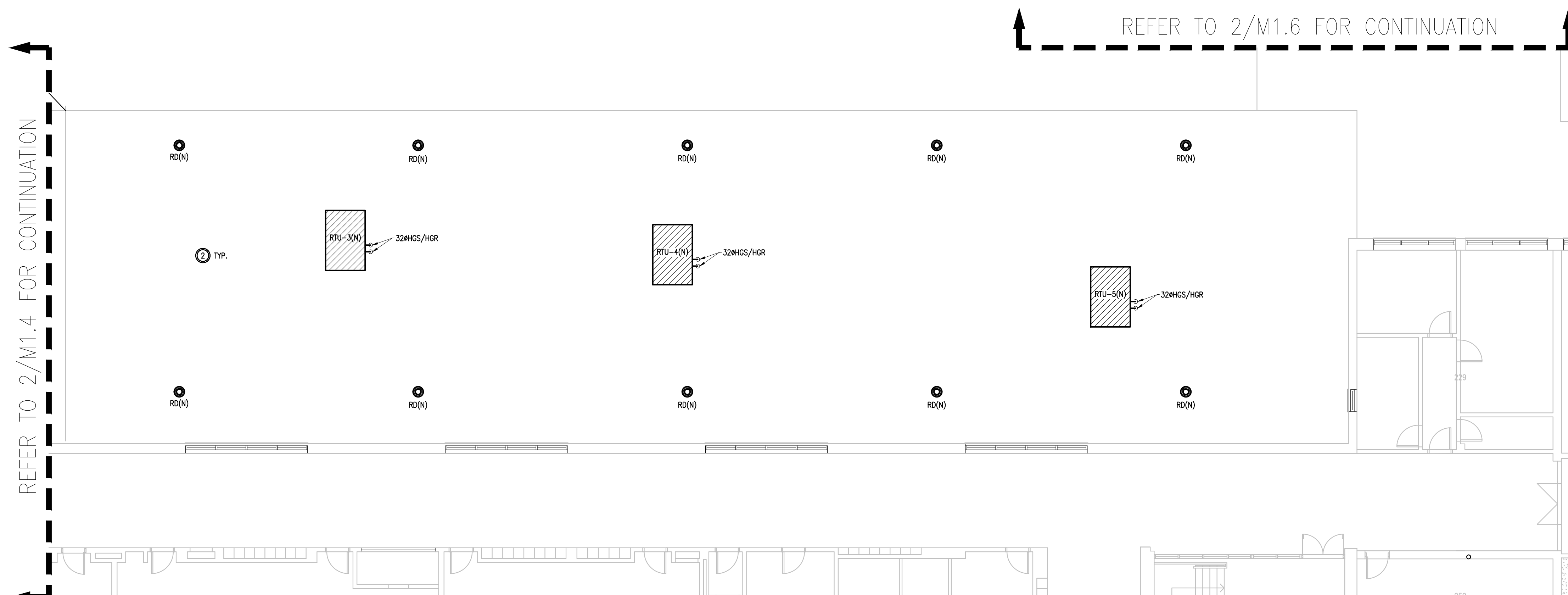
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GRENVILLE DISTRICT HS

Drawing title/Titre du dessin
WEST WING ROOMS 143 &
145 GROUND FLOOR &
ROOFTOP PLUMBING &
UTILITIES NEW WORK

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Echelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.5 OF |
| Reviewed by Examiné par | S. HAMILTON | |



1
M1.6
1:100
WEST WING GROUND FLOOR - ROOMS 135, 136 & 139 - PLUMBING & UTILITIES NEW WORK



2
M1.6
1:100
WEST WING ROOFTOP - ROOMS 135, 136 & 139 - PLUMBING & UTILITIES NEW WORK

- DRAWING NOTES**
- 1 PROVIDE ROOF DRAINS, STORM WATER PIPING, VENT PIPING AS INDICATED.
 - 2 PROVIDE NEW GLYCOL HEATING SUPPLY & RETURN PIPING TO NEW AHUs AS INDICATED.

Client

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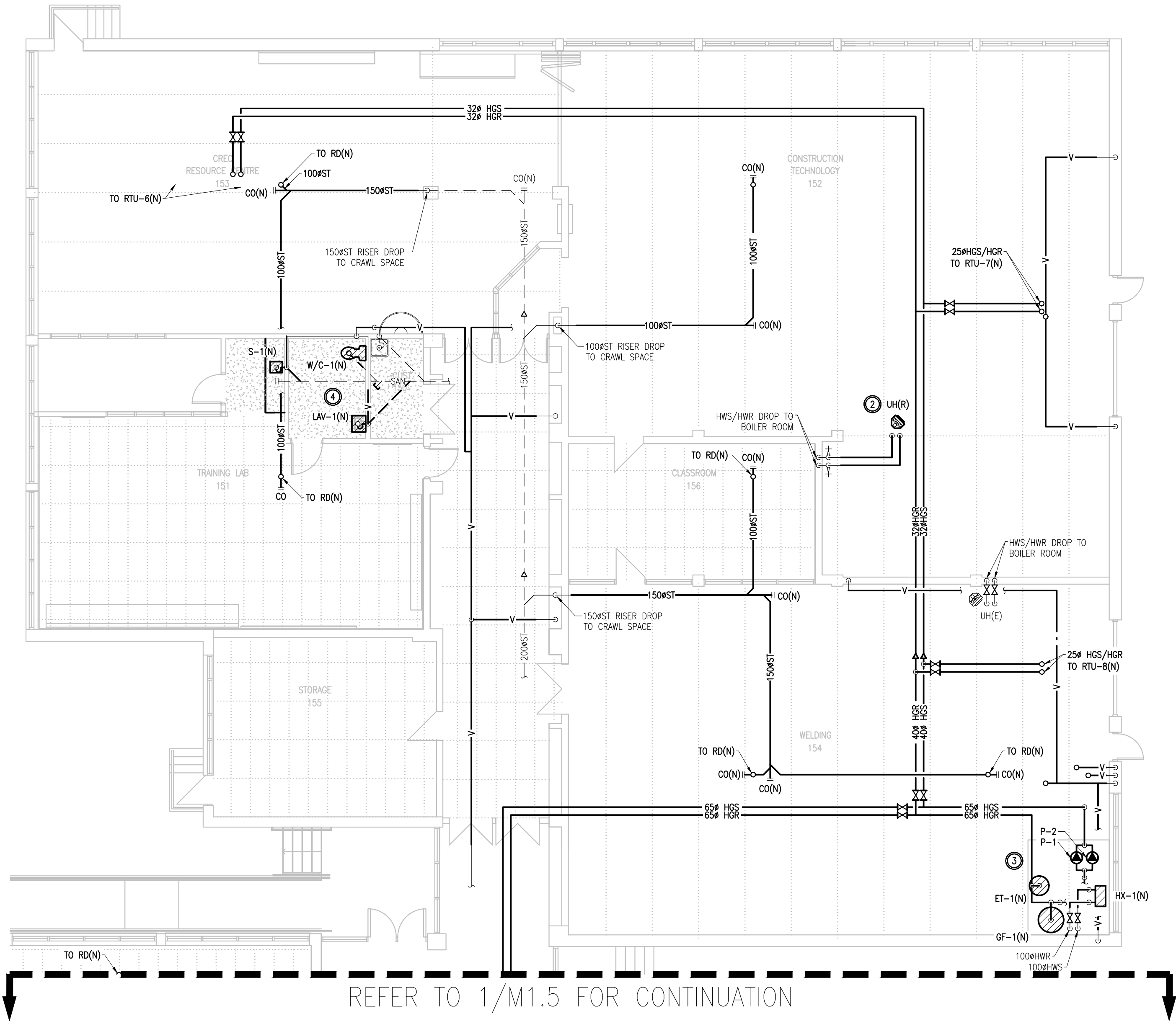
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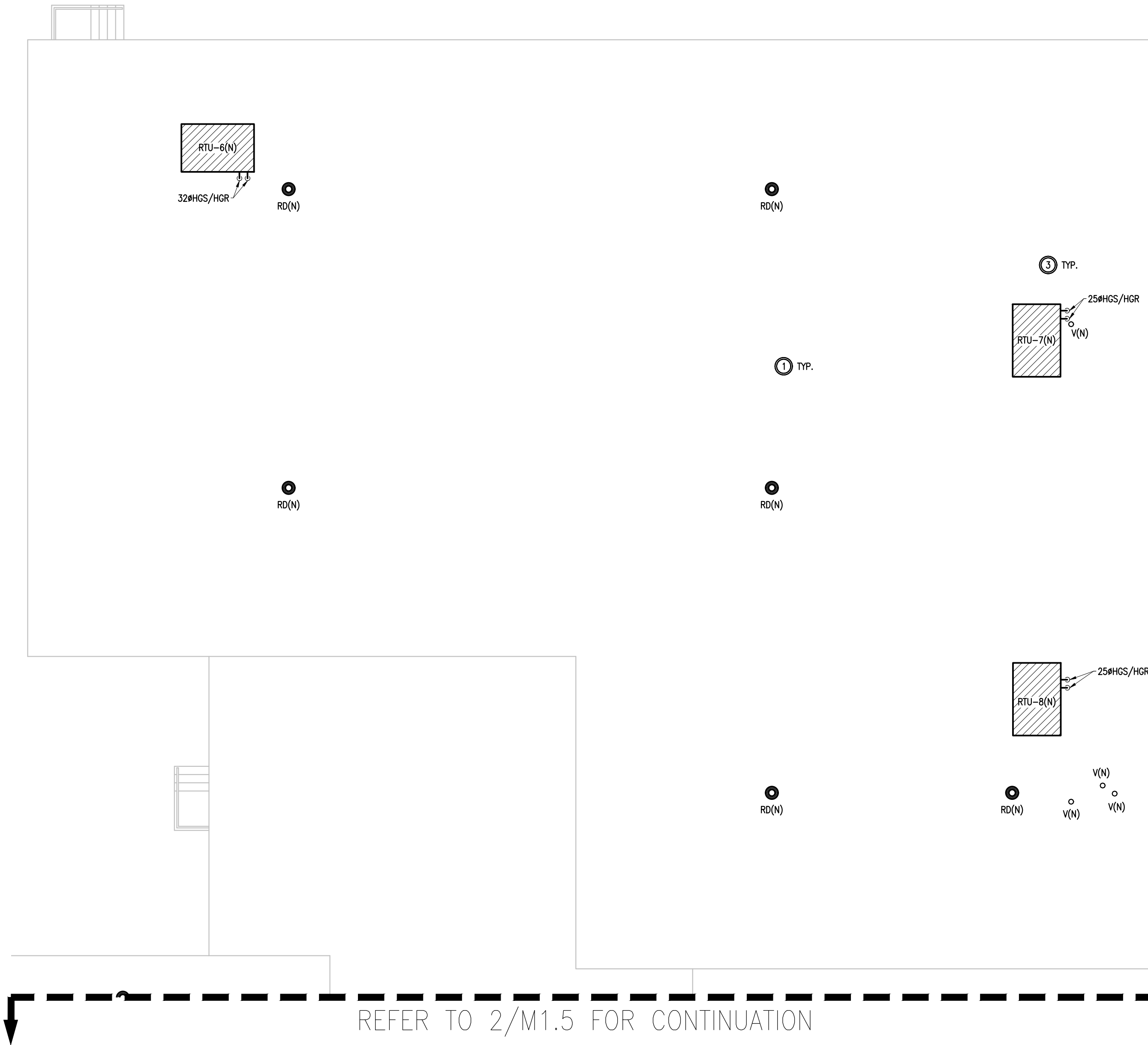
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Drawing title/Titre du dessin
WEST WING ROOMS 135, 136,
& 139 GROUND FLOOR &
ROOFTOP PLUMBING &
UTILITIES NEW WORK

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Echelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.6 OF |
| Reviewed by Examiné par | S. HAMILTON | |



1 NORTH WING GROUND FLOOR - ROOMS 151-156 - PLUMBING & UTILITIES NEW WORK
M1.7 1:100



2 NORTH WING ROOFTOP - ROOMS 151-156 - PLUMBING & UTILITIES NEW WORK
M1.7 1:100

- DRAWING NOTES**
- 1 PROVIDE ROOF DRAINS, STORM WATER PIPING, VENT PIPING AS INDICATED.
 - 2 PROVIDE RETAINED UNIT HEATER. CONNECT TO EXISTING HOT WATER SUPPLY AND RETURN PIPING.
 - 3 PROVIDE NEW GLYCOL HEATING SUPPLY & RETURN PIPING TO NEW RTU'S C/W HOT WATER TO GLYCOL HEAT EXCHANGER, GLYCOL FILL STATION, DUPLEX PUMPING STATION, EXPANSION TANK & PRESSURE RELIEF VALVE. CONNECT EXISTING HEATING WATER SUPPLY & RETURN PIPING TO NEW HEAT EXCHANGER.
 - 4 PROVIDE NEW SINK (S-1), TOILET (W/C-1), AND LAVATORY (LAV-1) AS INDICATED. CONNECT TO EXISTING SANITARY MAIN. CONNECT EXISTING DOMESTIC COLD AND HOT WATER FROM OLD FIXTURES TO NEW FIXTURES. REFER TO PLUMBING FIXTURE SCHEDULES FOR FINAL CONNECTION DETAILS. VENT AS PER OBC.

Client

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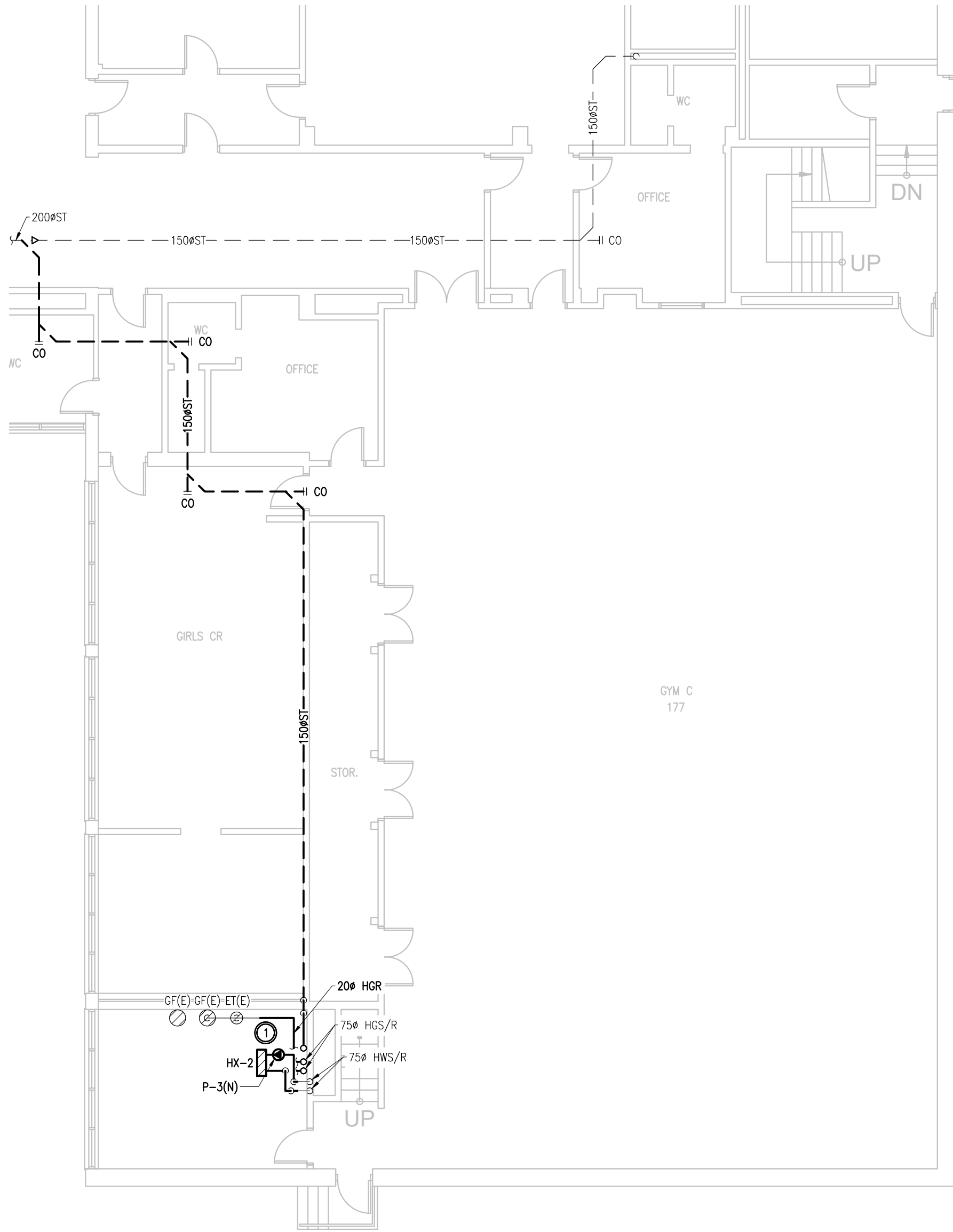
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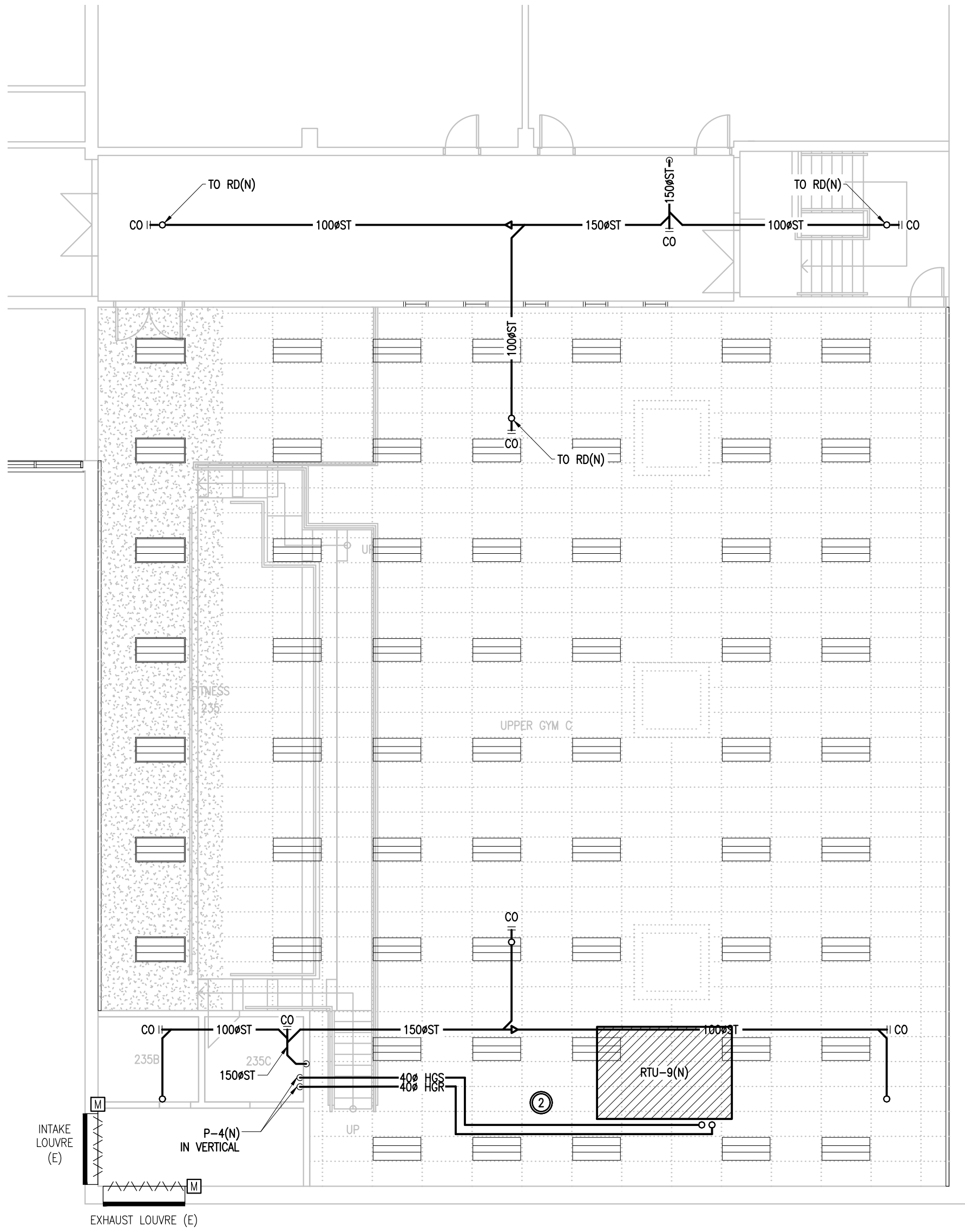
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NORTH WING GROUND
FLOOR & ROOFTOP
PLUMBING & UTILITIES NEW
WORK

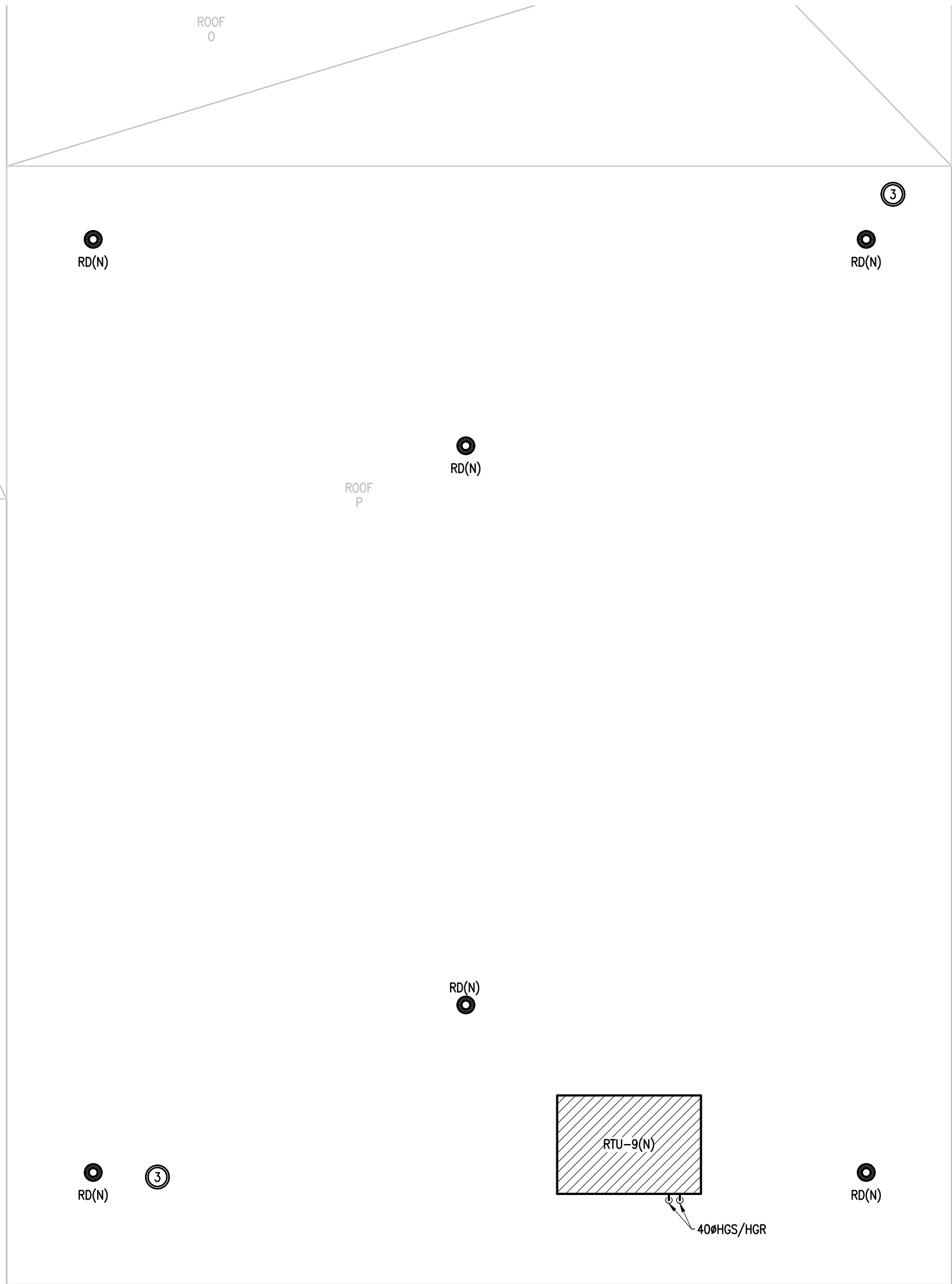
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|----------------------------|----------------------|---------------------------|
| Scale Echelle | AS NOTED 2025-633 | Project no./No. du projet |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.7 |
| Reviewed by Examiné par | S. HAMILTON | OF OF |



1 EAST WING GROUND FLOOR - GYM C - HVAC NEW WORK
M1.8 1:100



2 EAST WING SECOND FLOOR - GYM C - HVAC NEW WORK
M1.8 1:100



3 EAST WING ROOFTOP - GYM C - HVAC NEW WORK
M1.8 1:100

- DRAWING NOTES**
- 1 PROVIDE HEATING WATER C/W HEAT EXCHANGER AND BOOSTER PUMP (P-3) AS INDICATED.
 - 2 PROVIDE HEATED GLYCOL PIPING C/W CIRCULATION PUMP (P-4) AS INDICATED. EXISTING GLYCOL FEED TANK AND EXPANSION TANK TO BE TIED INTO NEW SYSTEM.
 - 3 PROVIDE ROOF DRAINS, STORM WATER PIPING AS INDICATED. STORM PIPING TO BE CONNECTED TO EXISTING STORM STACKS.

Client

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| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |
| DATE | REVISION | REF |

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613 727-5111 Voice
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Project north
Nord du projet

Seal/Scapu

LICENSED PROFESSIONAL ENGINEER
S. D. HAMILTON
90392770
PROVINCE OF ONTARIO

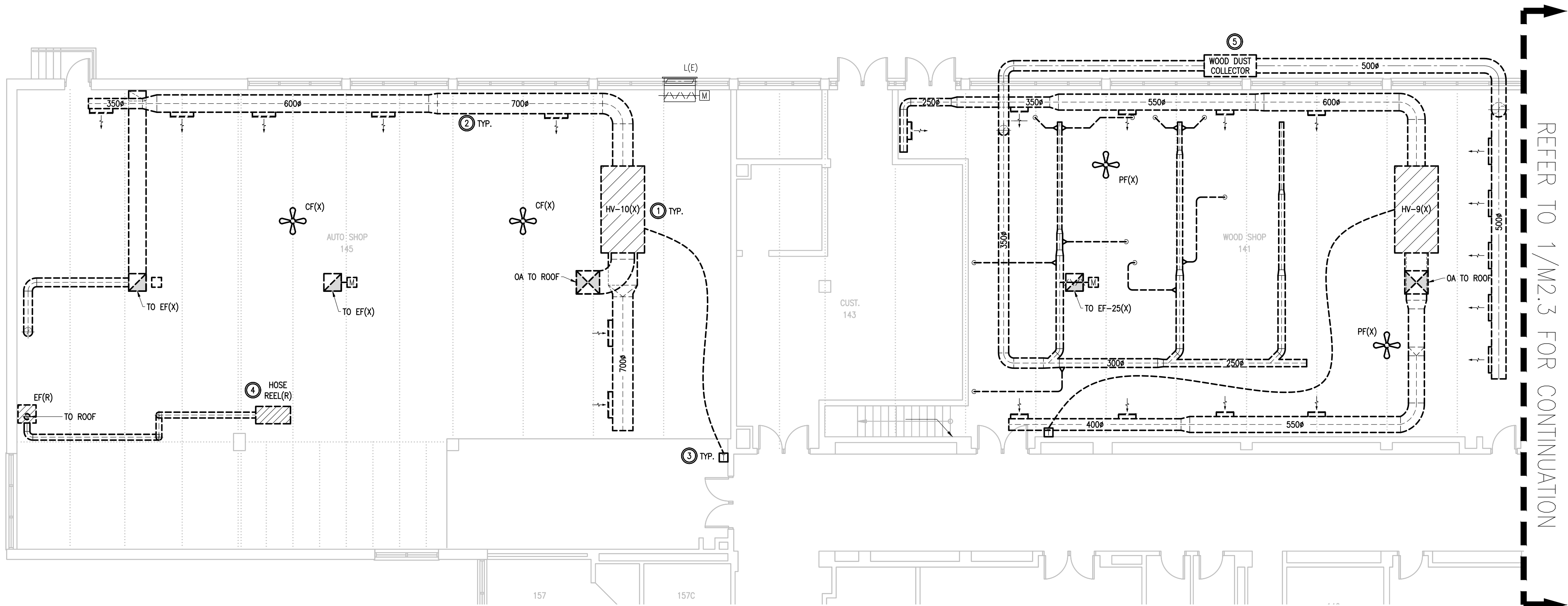
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GRENVILLE DISTRICT HS

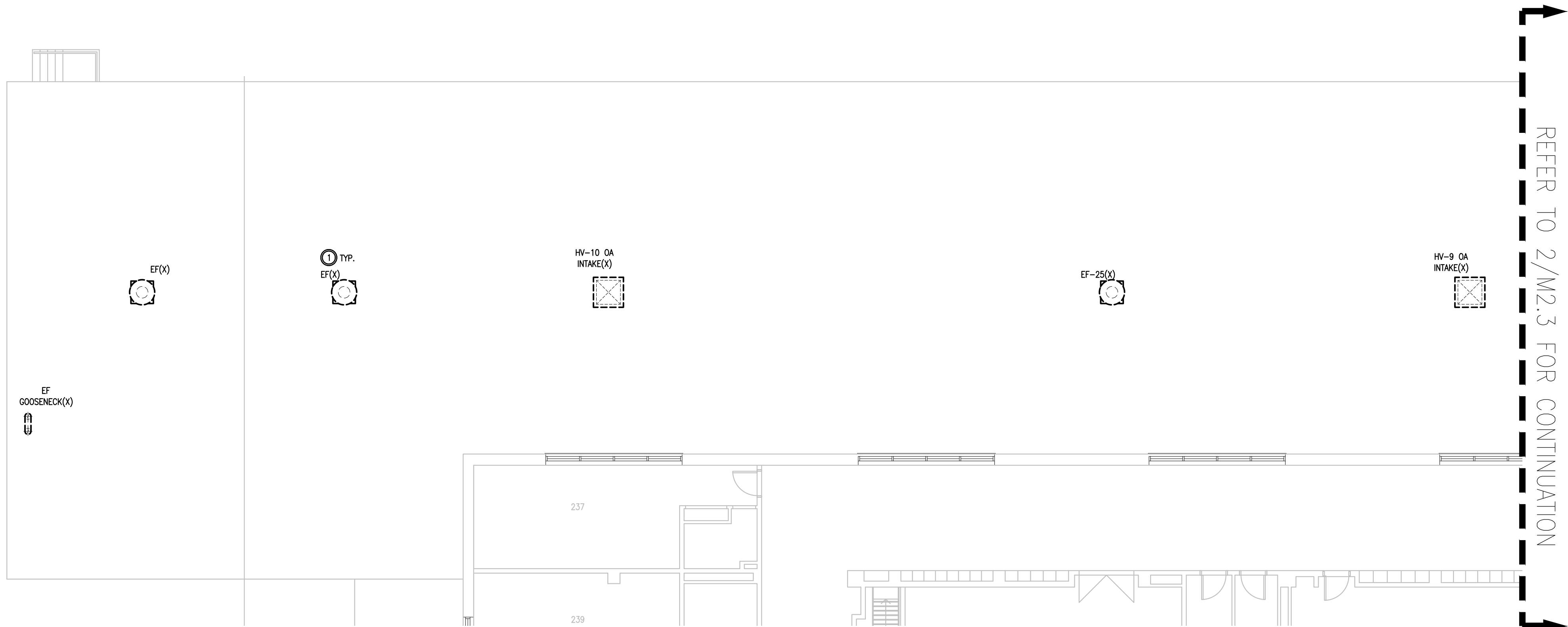
Drawing title/Titre du dessin

EAST WING GROUND FLOOR,
SECOND FLOOR & ROOFTOP
PLUMBING & UTILITIES
DEMOLITION

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Echelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M1.8 OF OF |
| Reviewed by Examiné par | S. HAMILTON | |



1
M2.1
WEST WING GROUND FLOOR - ROOMS 143 & 145 - HVAC DEMOLITION
1:100



2
M2.1
WEST WING ROOFTOP - ROOMS 143 & 145 - HVAC DEMOLITION
1:100

- DRAWING NOTES**
- 1 REMOVE AIR HANDLING UNITS (HV), EXHAUST FANS (EF), CEILING FANS (CF), AND ALL OTHER MECHANICAL EQUIPMENT SUPPORTED FROM THE ROOF STRUCTURE.
 - 2 REMOVE DUCTWORK AS INDICATED C/W DIFFUSERS AND GRILLES.
 - 3 REMOVE THERMOSTAT C/W CONTROL WIRING.
 - 4 REMOVE EXISTING HOSE REEL & CONNECTED EXHAUST FAN. RETAIN FOR NEW WORK.
 - 5 REMOVE WOOD DUST COLLECTOR C/W COLLECTION HOPPER.

Client

| DATE | REVISION | REF |
|------------|-----------------------|-----|
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| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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Nord du projet

Seal/Scap

LICENCED PROFESSIONAL ENGINEER
Apr 13/26
S. D. HAMILTON
90392770
PROVINCE OF ONTARIO

Project/Projet
1000 EDWARD ST. NORTH -
PRESCOTT, ON - SOUTH
GRENVILLE DISTRICT HS

Drawing title/Titre du dessin
WEST WING ROOMS 143 &
145 GROUND FLOOR &
ROOFTOP
HVAC DEMOLITION

| | | |
|----------------------------|----------------------|---------------------------------------|
| Scale Echelle | AS NOTED 2025-633 | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M2.1 |
| Reviewed by Examiné par | S. HAMILTON | OF OF |



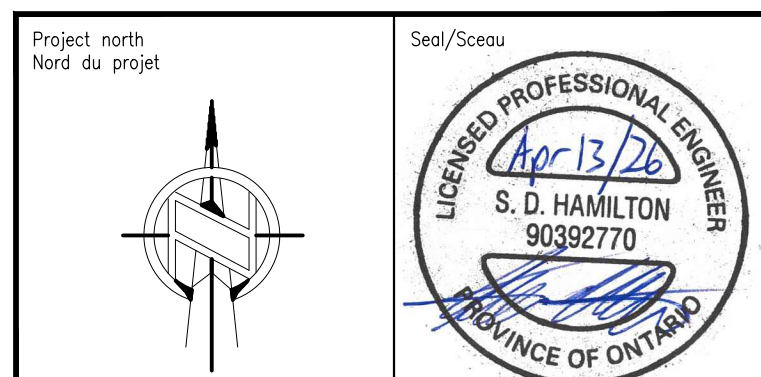
- ① REMOVE AIR HANDLING UNITS (HV), EXHAUST FANS (EF), PROPELLER FANS (PF), FAN COIL UNIT (FC), CONDENSER (CU), REFRIGERANT PIPING AND ALL OTHER MECHANICAL EQUIPMENT SUPPORTED FROM THE ROOF STRUCTURE.
- ② REMOVE DUCTWORK AS INDICATED C/W DIFFUSERS AND GRILLES.
- ③ REMOVE THERMOSTAT C/W CONTROL WIRING.

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| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |
| DATE | REVISION | REF |

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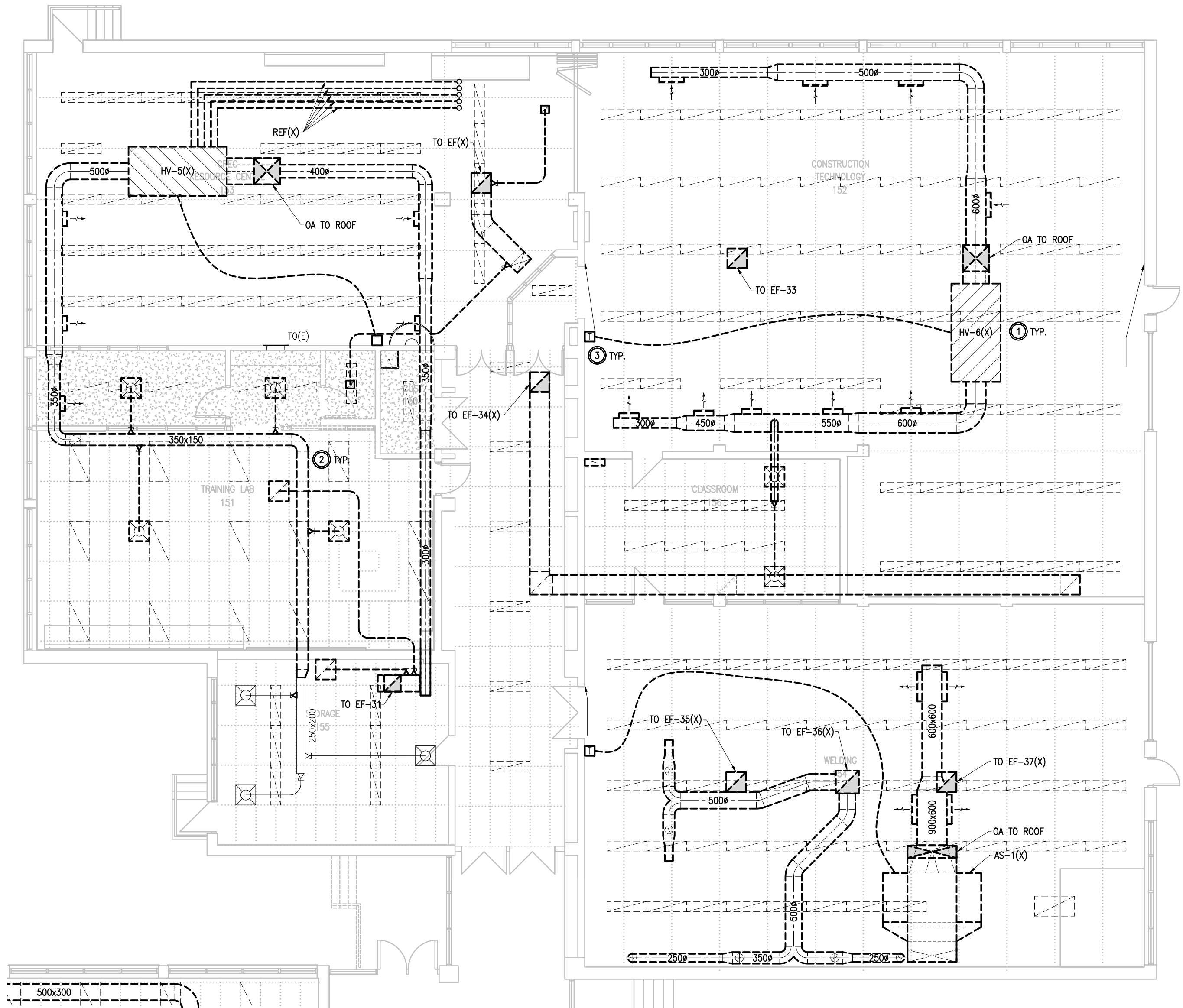
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GRENVILLE DISTRICT HS

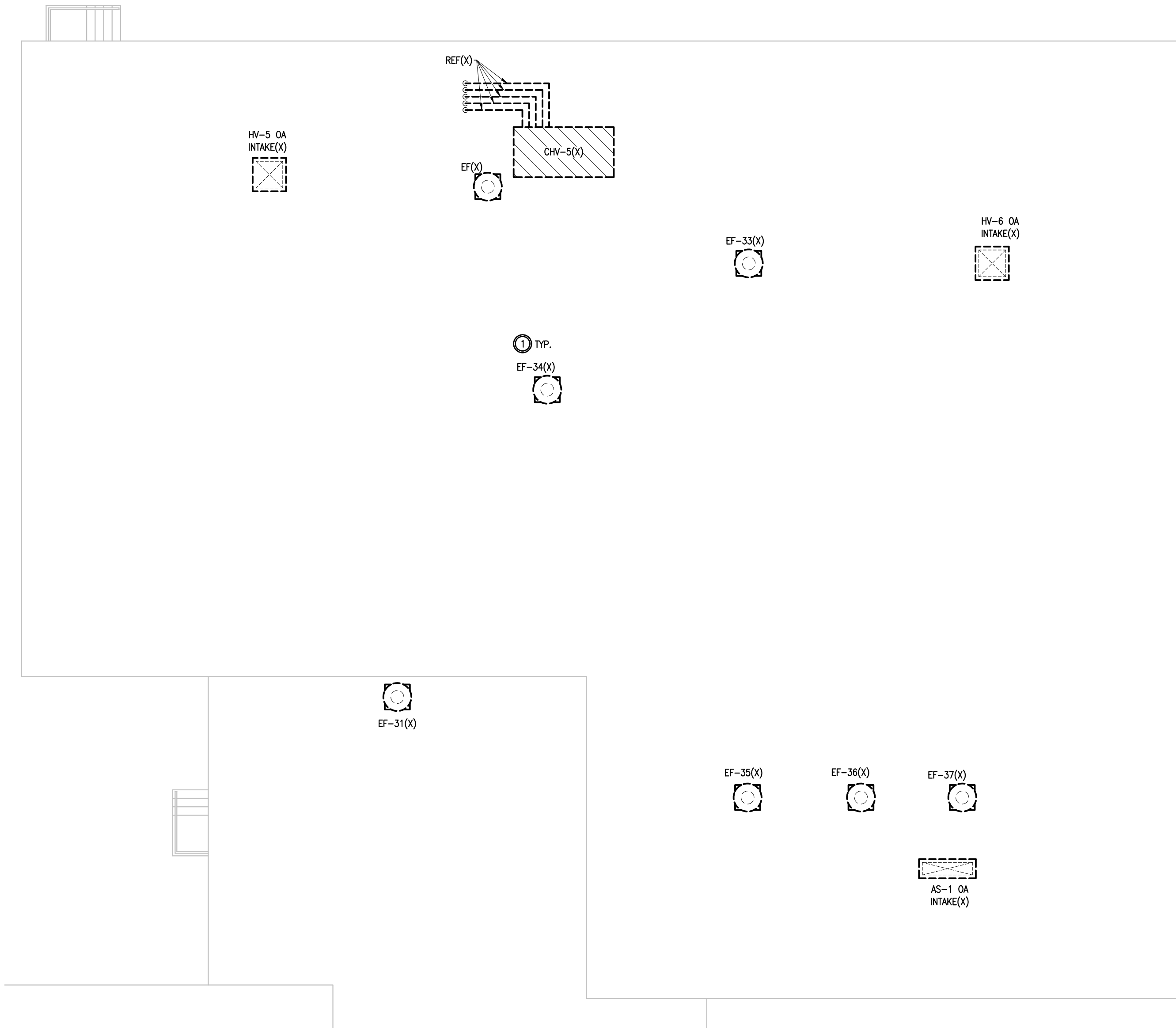
Drawing title/Titre du dessin

WEST WING ROOMS 135, 136,
& 139 GROUND FLOOR &
ROOFTOP
HVAC DEMOLITION

| | | | |
|-------------|--------------|---------------------------|-------|
| Scale | AS NOTED | Project no./No. du projet | |
| Echelle | | 2025-633 | |
| Design by | P. AZDAJIC | Drawing/Dessin | |
| Conçu par | | M2.2 | |
| Drawn by | M. DE CESARE | | |
| Dessiné par | | | |
| Reviewed by | S. HAMILTON | | |
| Examiné par | | | OF OF |



1 NORTH WING GROUND FLOOR - ROOMS 151-156 - HVAC DEMOLITION
M2.3 1:100



2 NORTH WING ROOFTOP - ROOMS 151-156 - HVAC DEMOLITION
M2.3 1:100

DRAWING NOTES

- 1 REMOVE AIR HANDLING UNITS (HV, AS), EXHAUST FANS (EF), CONDENSER (CU), REFRIGERANT PIPING, AND ALL OTHER MECHANICAL EQUIPMENT SUPPORTED FROM THE ROOF STRUCTURE.
- 2 REMOVE DUCTWORK AS INDICATED C/W DIFFUSERS AND GRILLES.
- 3 REMOVE THERMOSTAT C/W CONTROL WIRING.

Client

| DATE | REVISION | REF |
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| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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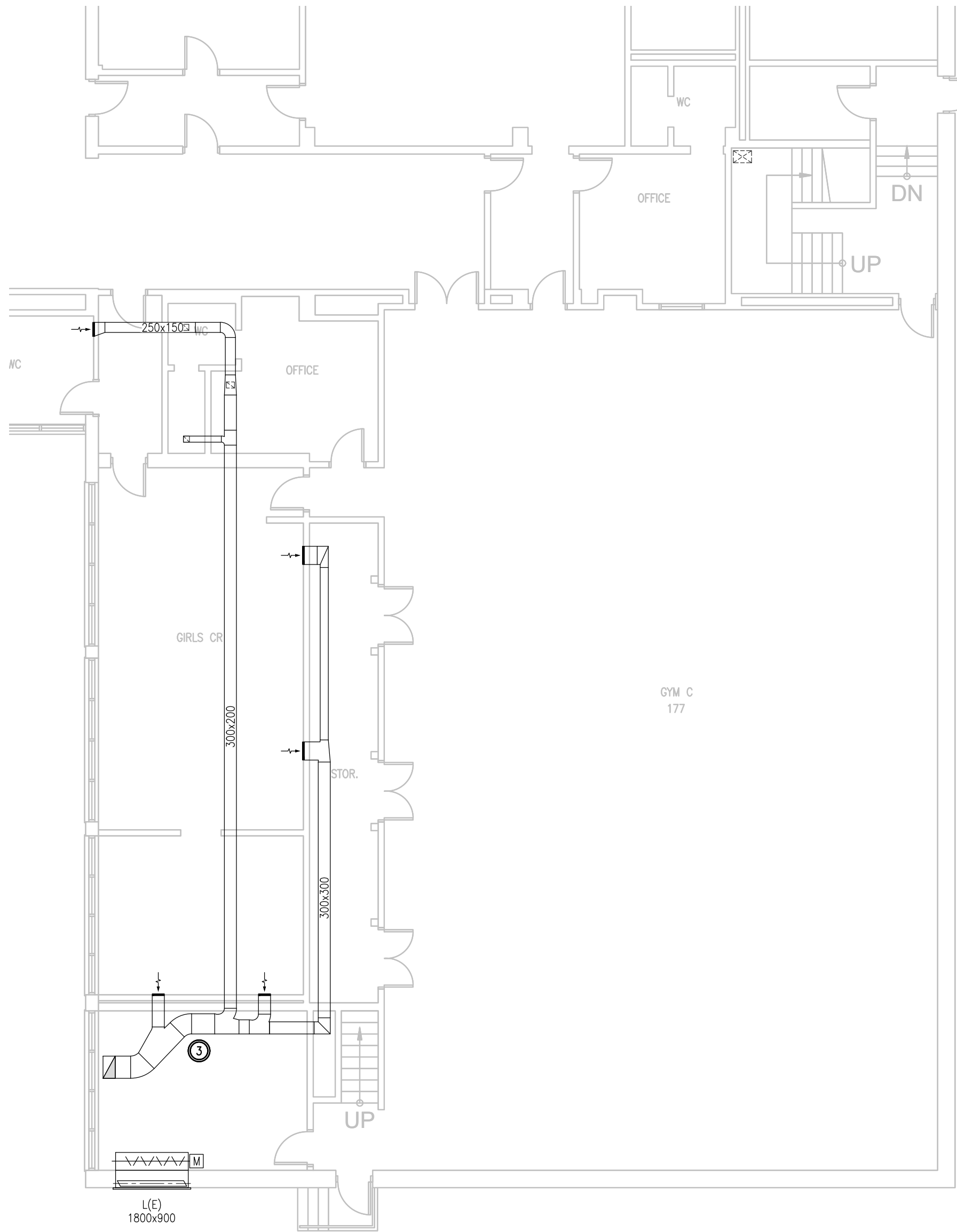
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S. D. HAMILTON
90392770
PROVINCE OF ONTARIO

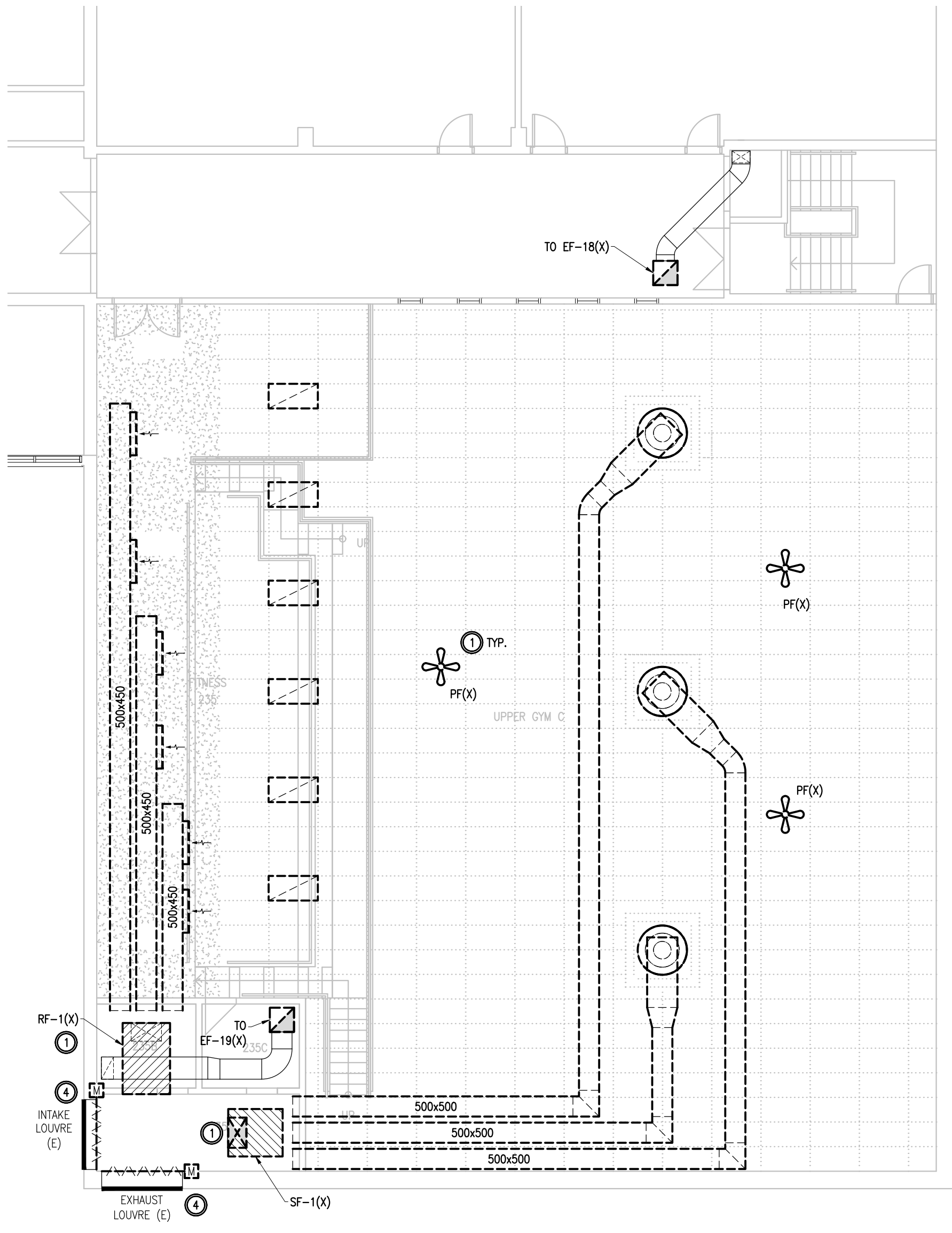
Project/Projet
1000 EDWARD ST. NORTH -
PRESCOTT, ON - SOUTH
GRENVILLE DISTRICT HS

Drawing title/Titre du dessin
NORTH WING GROUND
FLOOR & ROOFTOP
HVAC DEMOLITION

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Echelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Design |
| Drawn by Dessiné par | M. DE CESARE | M2.3 |
| Reviewed by Examiné par | S. HAMILTON | OF |



1 EAST WING GROUND FLOOR - GYM C - HVAC DEMOLITION
M2.4 1:100



2 EAST WING SECOND FLOOR - GYM C - HVAC DEMOLITION
M2.4 1:100



3 EAST WING ROOFTOP - GYM C - HVAC DEMOLITION
M2.4 1:100

- DRAWING NOTES**
- 1 REMOVE EXISTING SUPPLY FAN (SF), RETURN FAN (RF), EXHAUST FANS (EF), PROPELLER FANS (PF), DUCTWORK, SUPPLY DIFFUSERS, RETURN GRILLES, & ALL OTHER MECHANICAL EQUIPMENT SUPPORTED FROM THE ROOF STRUCTURE.
 - 2 REMOVE EXISTING THERMOSTATS C/W CONTROL WIRING.
 - 3 RETAIN EXISTING EXHAUST DUCTWORK IN PLACE FOR NEW EXHAUST FANS.
 - 4 REMOVE FRESH AND EXHAUST AIR DAMPERS AS INDICATED. SEAL LOUVRE AND INFILL CAVITY WITH MINERAL WOOL.

Client

| DATE | REVISION | REF |
|------------|-----------------------|-----|
| 2026-04-13 | ISSUED FOR TENDER | 1 |
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Apr 13/26
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90392770
PROVINCE OF ONTARIO

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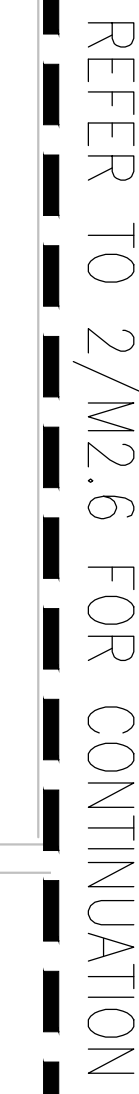
Drawing title/Titre du dessin

EAST WING GROUND FLOOR,
SECOND FLOOR & ROOFTOP
HVAC DEMOLITION

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Échelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M2.4 OF OF |
| Reviewed by Examiné par | S. HAMILTON | |



1 WE
M2.5 1:100



2 WE
M2.5 1:100

- 1 PROVIDE AIR HANDLING UNIT AS INDICATED C/W 450MM ROOF CURB, ROOF DECK OPENINGS TO BE COORDINATED WITH STRUCTURAL AND ARCHITECTURAL TRADES.
- 2 PROVIDE EXHAUST FANS C/W MOTORIZED DAMPER AS INDICATED.
- 3 PROVIDE DUCTWORK AS INDICATED. AHU CONNECTION TO BE MODIFIED AND EXTENDED AS REQUIRED TO ACCOMMODATE THE NEW UNIT.
- 4 EXTEND BAS CONTROLS TO EQUIPMENT. REFER TO DETAIL 1/MO.3 FOR POINTS LIST. FRONT END GRAPHICS TO BE UPDATED TO REFLECT AHU OPERATION.
- 5 REINSTALL EXHAUST RELIEF AND EXHAUST FAN AS INDICATED.
- 6 PROVIDE WOOD DUST COLLECTOR C/W COLLECTION HOPPER, SILENCER, EXPLOSION ISOLATION VALVE, & SHORT DAMPER. DUCT WORK TO BE EXTENDED TO NEW LOCATION THROUGH EXISTING PENETRATIONS. REFER TO SPECIFICATIONS FOR PART NUMBERS AND DETAILS.

- 1 PROVIDE AIR HANDLING UNIT AS INDICATED C/W 450MM ROOF CURB, ROOF DECK OPENINGS TO BE COORDINATED WITH STRUCTURAL AND ARCHITECTURAL TRADES.
- 2 PROVIDE EXHAUST FANS C/W MOTORIZED DAMPER AS INDICATED.
- 3 PROVIDE DUCTWORK AS INDICATED. AHU CONNECTION TO BE MODIFIED AND EXTENDED AS REQUIRED TO ACCOMMODATE THE NEW UNIT.
- 4 EXTEND BAS CONTROLS TO EQUIPMENT. REFER TO DETAIL 1/MO.3 FOR POINTS LIST. FRONT END GRAPHICS TO BE UPDATED TO REFLECT AHU OPERATION.
- 5 REINSTALL EXHAUST RELIEF AND EXHAUST FAN AS INDICATED.
- 6 PROVIDE WOOD DUST COLLECTOR C/W COLLECTION HOPPER, SILENCER, EXPLOSION ISOLATION VALVE, & SHORT DAMPER. DUCT WORK TO BE EXTENDED TO NEW LOCATION THROUGH EXISTING PENETRATIONS. REFER TO SPECIFICATIONS FOR PART NUMBERS AND DETAILS.

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| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
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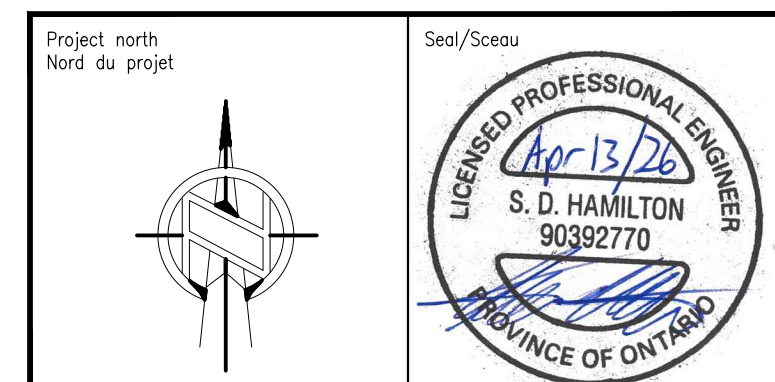
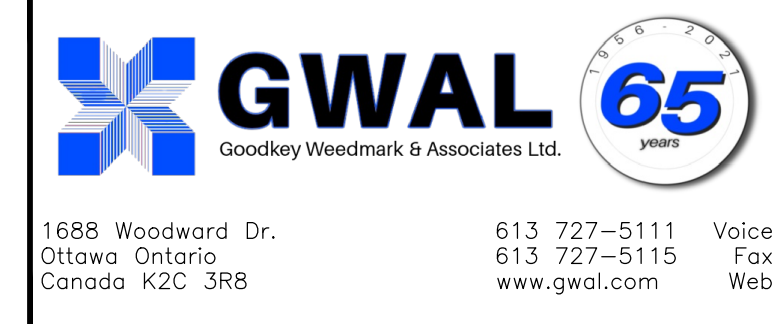
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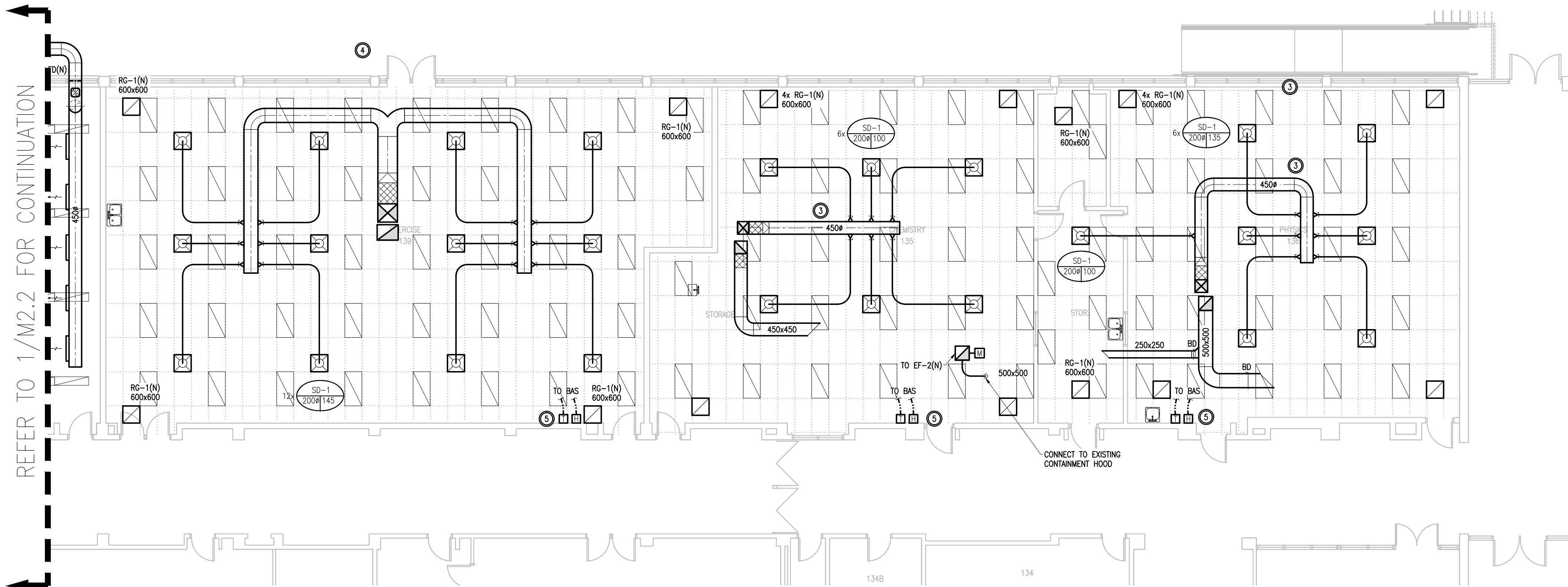
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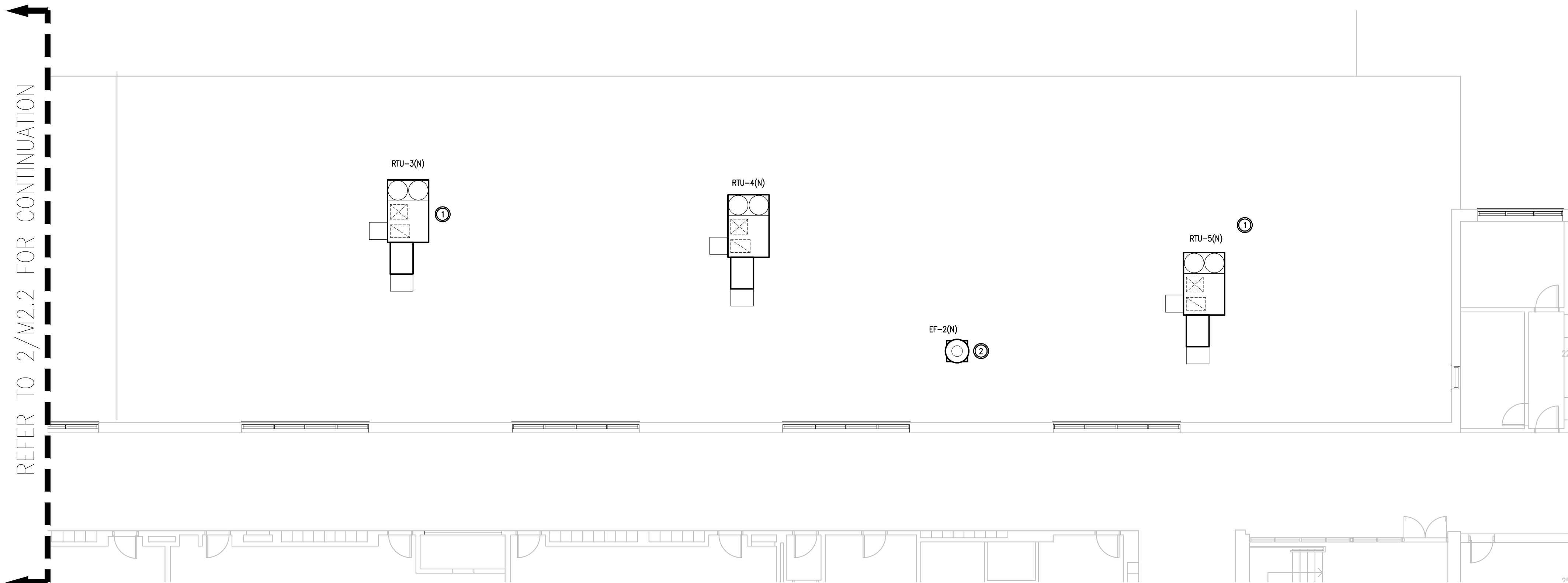
Drawing title/Titre du dessin

WEST WING ROOMS 143 &
145 GROUND FLOOR &
ROOFTOP
HVAC NEW WORK

| | | |
|-------------|--------------|---------------------------|
| Scale | AS NOTED | Project no./No. du projet |
| Echelle | | 2025-633 |
| Design by | P. AZDAJIC | Drawing/Dessin |
| Conçu par | | |
| Drawn by | M. DE CESARE | M2.5 |
| Dessiné par | | |
| Reviewed by | S. HAMILTON | |
| Examiné par | | OF OF |



1
M2.6
WEST WING GROUND FLOOR - ROOMS 135, 136 & 139 - HVAC NEW WORK
1:100



2
M2.6
WEST WING ROOFTOP - ROOMS 135, 136 & 139 - HVAC NEW WORK
1:100

DRAWING NOTES

- 1 PROVIDE AIR HANDLING UNIT AS INDICATED C/W 450MM ROOF CURB. ROOF DECK OPENINGS TO BE COORDINATED WITH STRUCTURAL AND ARCHITECTURAL TRADES.
- 2 PROVIDE EXHAUST FANS C/W MOTORIZED DAMPER AS INDICATED.
- 3 PROVIDE NEW SUPPLY & RETURN DUCTWORK C/W SUPPLY DIFFUSERS, RETURN GRILLES, & BALANCING DAMPERS.
- 4 INSTALL RETAINED DUCTWORK AS INDICATED. AHU CONNECTION TO BE MODIFIED AND EXTENDED AS REQUIRED TO ACCOMMODATE THE NEW UNIT. BRANCH DUCTS TO BE MODIFIED TO ACCOMMODATE NEW SUPPLY DIFFUSER LOCATIONS. PROVIDE SUPPLY DIFFUSERS.
- 5 EXTEND BAS CONTROLS TO EQUIPMENT. REFER TO DETAIL 1/M0.3 FOR POINTS LIST. FRONT END GRAPHICS TO BE UPDATED TO REFLECT AHU OPERATION.

Client

| DATE | REVISION | REF |
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| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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1688 Woodward Dr.
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Project north
Nord du projet

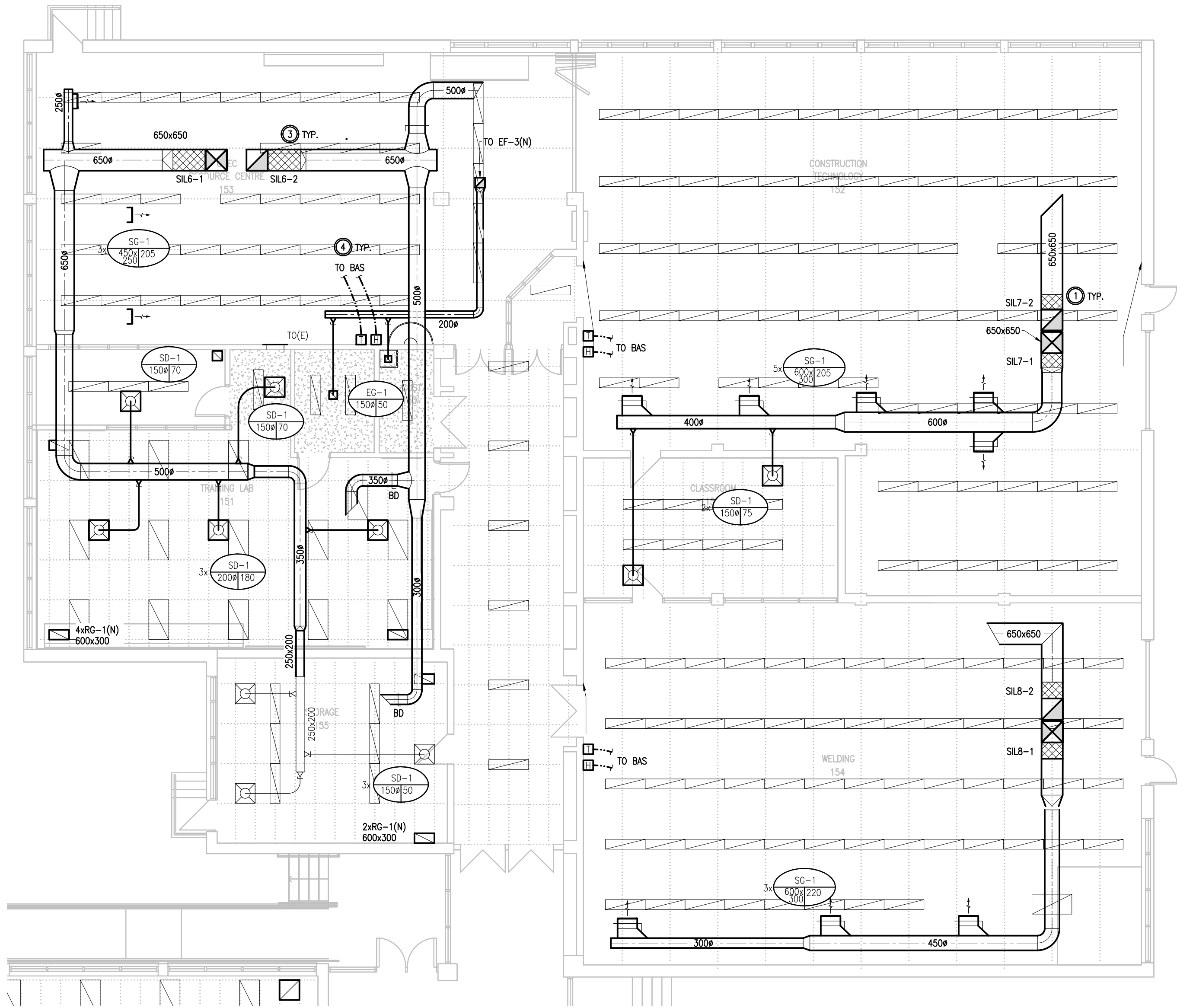
Seal/Scapu

LICENSED PROFESSIONAL ENGINEER
Apr 13/26
S. D. HAMILTON
90392770
PROVINCE OF ONTARIO

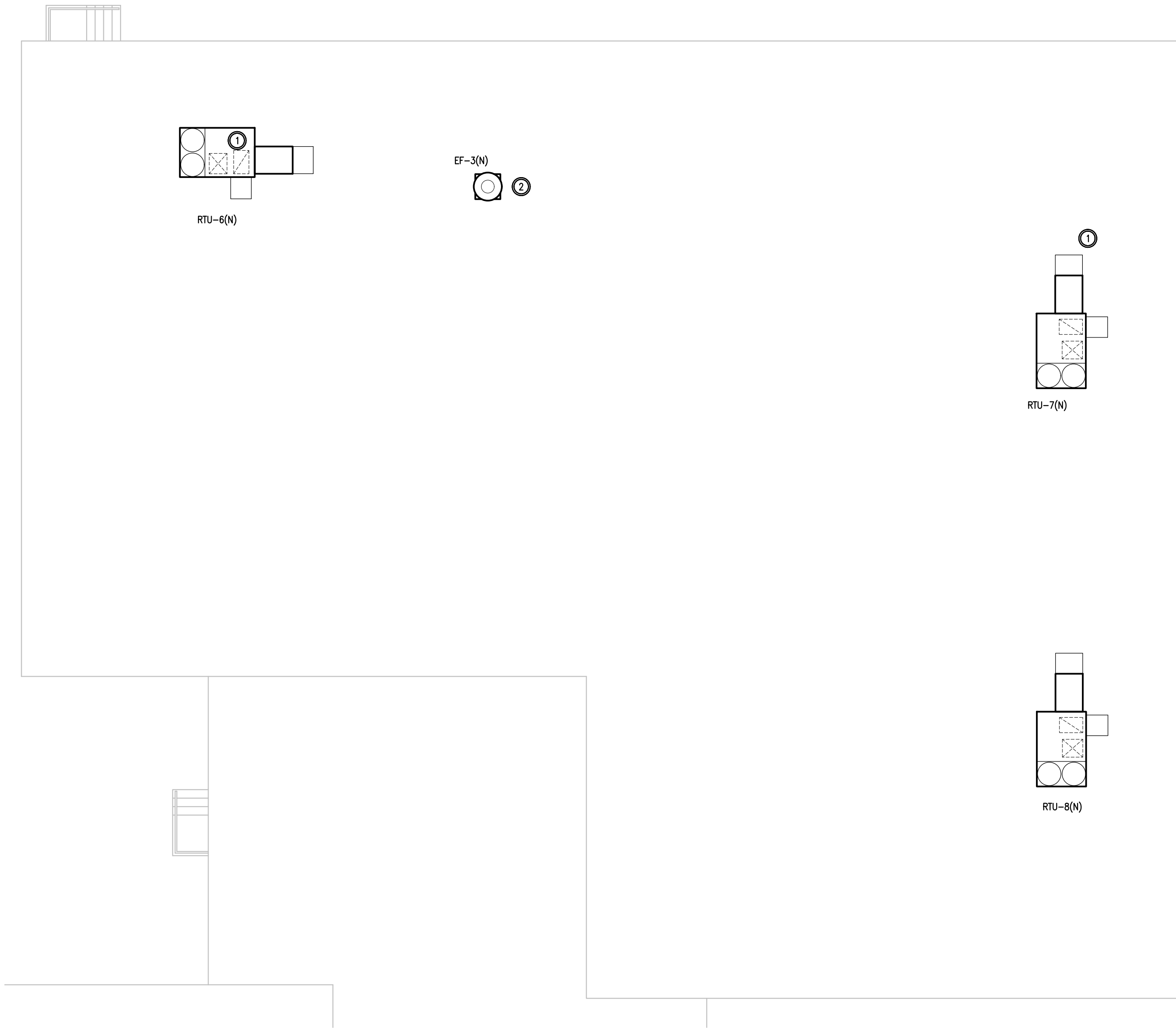
Project/Projet
1000 EDWARD ST. NORTH -
PRESCOTT, ON - SOUTH
GRENVILLE DISTRICT HS

Drawing title/Titre du dessin
WEST WING ROOMS 135, 136,
& 139 GROUND FLOOR &
ROOFTOP
HVAC NEW WORK

| | | |
|----------------------------|----------------------|---------------------------|
| Scale Echelle | AS NOTED 2025-633 | Project no./No. du projet |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M2.6 |
| Reviewed by Examiné par | S. HAMILTON | OF |



1 NORTH WING GROUND FLOOR - ROOMS 151-156 - HVAC NEW WORK
M2.7 1:100



2 NORTH WING ROOFTOP - ROOMS 151-156 - HVAC NEW WORK
M2.7 1:100

- DRAWING NOTES**
- 1 PROVIDE AIR HANDLING UNIT AS INDICATED C/W 450MM ROOF CURB, ROOF DECK OPENINGS TO BE COORDINATED WITH STRUCTURAL AND ARCHITECTURAL TRADES.
 - 2 PROVIDE EXHAUST FANS C/W MOTORIZED DAMPER AS INDICATED
 - 3 PROVIDE SUPPLY & RETURN DUCTWORK C/W SUPPLY DIFFUSERS, RETURN GRILLES, & BALANCING DAMPERS AS INDICATED.
 - 4 EXTEND BAS CONTROLS TO EQUIPMENT. REFER TO DETAIL 1/MO.3 FOR POINTS LIST. FRONT END GRAPHICS TO BE UPDATED TO REFLECT AHU OPERATION.

Client

| DATE | REVISION | REF |
|------------|-----------------------|-----|
| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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Project north
Nord du projet

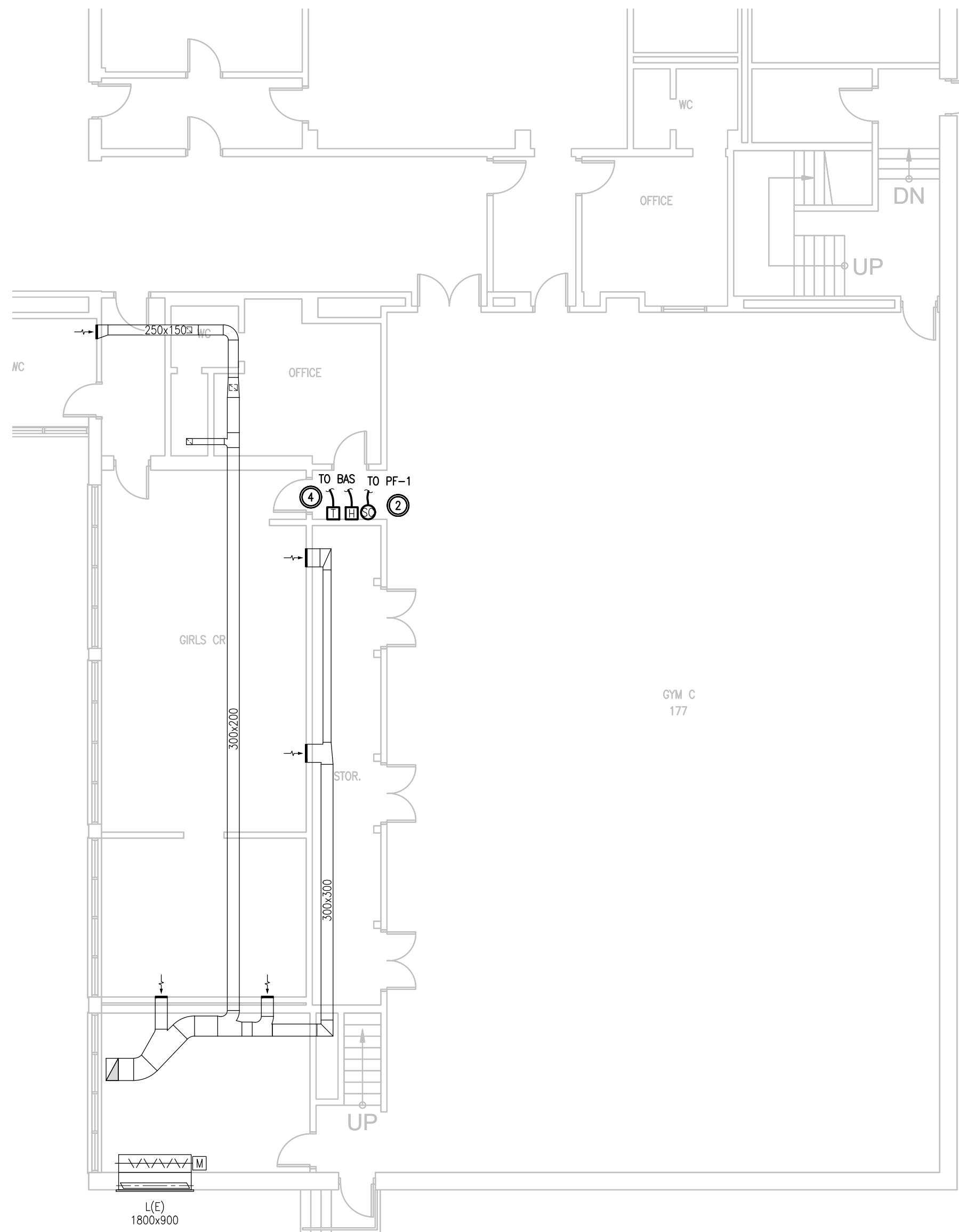
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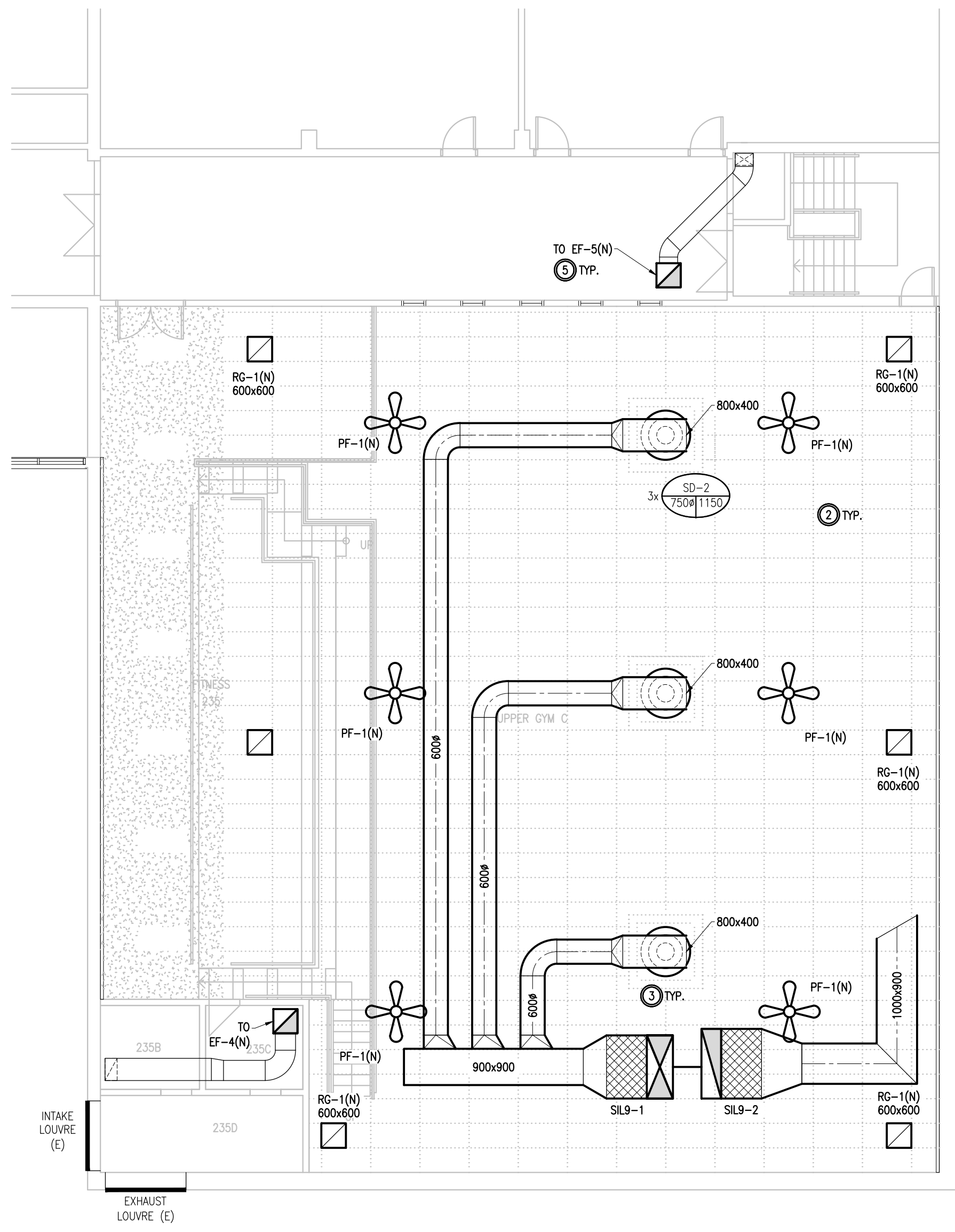
Project/Projet
1000 EDWARD ST. NORTH -
PRESCOTT, ON - SOUTH
GRENVILLE DISTRICT HS

Drawing title/Titre du dessin
NORTH WING GROUND
FLOOR & ROOFTOP
HVAC NEW WORK

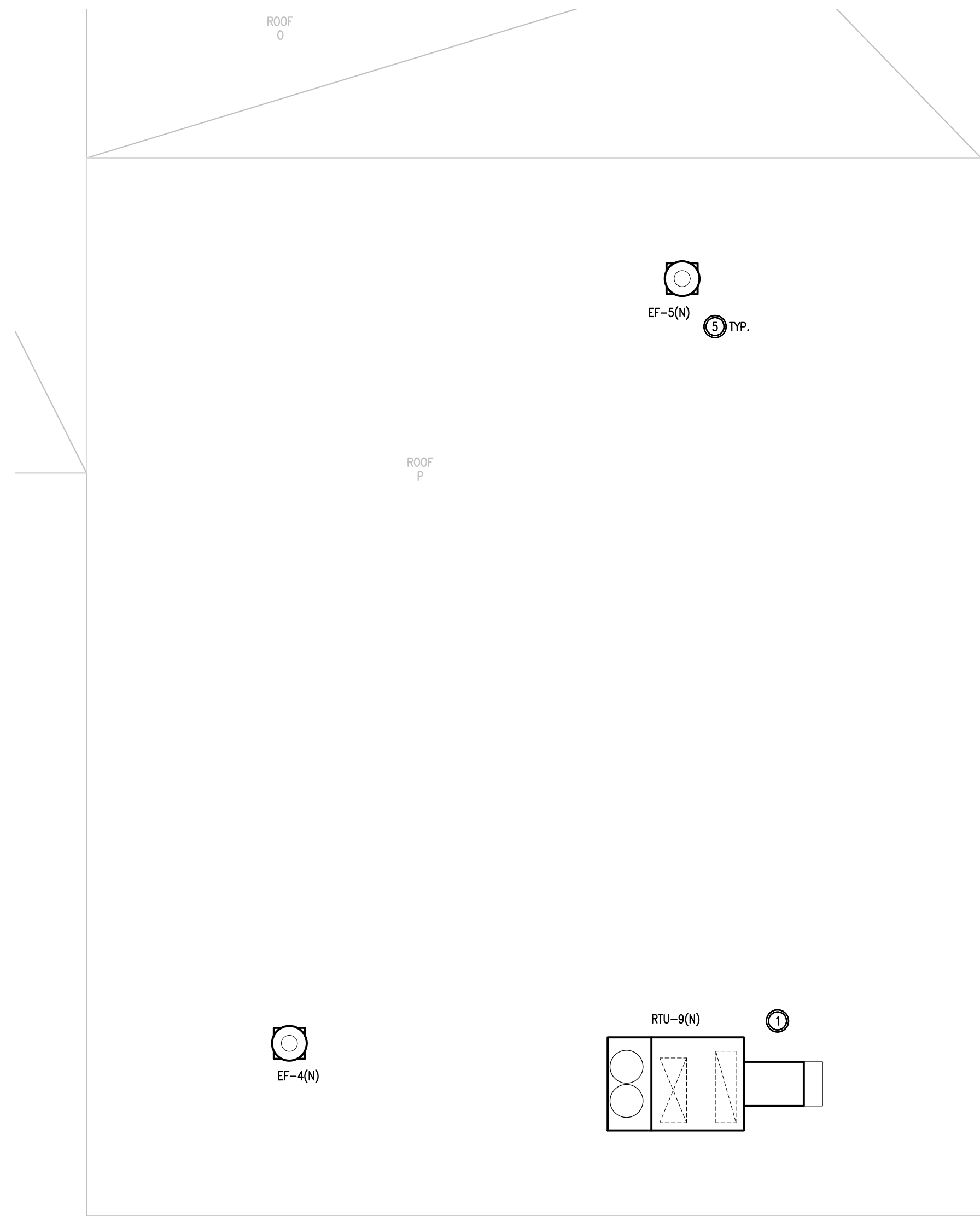
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|-------------------------|----------------------|---------------------------------------|
| Scale Échelle | AS NOTED 2025-633 | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Design M2.7 |
| Drawn by Dessiné par | M. DE CESARE | Reviewed by Examiné par |
| | S. HAMILTON | |



1 EAST WING GROUND FLOOR - GYM C - HVAC NEW WORK
M2.8 1:100



2 EAST WING SECOND FLOOR - GYM C - HVAC NEW WORK
M2.8 1:100



3 EAST WING ROOFTOP - GYM C - HVAC NEW WORK
M2.8 1:100

- DRAWING NOTES**
- 1 PROVIDE AIR HANDLING UNIT AS INDICATED C/W 450MM ROOF CURB. ROOF DECK OPENINGS TO BE COORDINATED WITH STRUCTURAL AND ARCHITECTURAL TRADES.
 - 2 PROVIDE PROPELLER FANS C/W SPEED CONTROLLER AS INDICATED
 - 3 PROVIDE SUPPLY & RETURN DUCTWORK C/W SUPPLY DIFFUSERS, RETURN GRILLES, & BALANCING DAMPERS AS INDICATED.
 - 4 EXTEND BAS CONTROLS TO EQUIPMENT. REFER TO DETAIL 1/MO.3 FOR POINTS LIST. FRONT END GRAPHICS TO BE UPDATED TO REFLECT AHU OPERATION.
 - 5 PROVIDE NEW EXHAUST FANS (EF-4 & EF-5) AS INDICATED. CONNECT TO EXISTING EXHAUST DUCTWORK.

Client

| DATE | REVISION | REF |
|------------|-----------------------|-----|
| 2026-04-13 | ISSUED FOR TENDER | 1 |
| 2026-03-27 | ISSUED FOR TENDER | 0 |
| 2026-02-27 | ISSUED FOR 66% REVIEW | - |

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1000 EDWARD ST. NORTH -
PRESCOTT, ON - SOUTH
GRENVILLE DISTRICT HS

Drawing title/Titre du dessin

EAST WING GROUND FLOOR,
SECOND FLOOR & ROOFTOP
HVAC NEW WORK

| | | |
|----------------------------|--------------|---------------------------------------|
| Scale Échelle | AS NOTED | Project no./No. du projet 2025-633 |
| Design by Conçu par | P. AZDAJIC | Drawing/Dessin |
| Drawn by Dessiné par | M. DE CESARE | M2.8 OF |
| Reviewed by Examiné par | S. HAMILTON | |