

BUILDING PERMIT

This card must be kept posted in a conspicuous place on site of construction.

26 139920 PLB 00 PS

Site Address 703 DON MILLS RD

Project Description Office;

Building Permit Related(PS)

Date Issued Thursday May 28, 2026

Kamal Gogna, P. Eng.
Chief Building Official &
Executive Director

Tony D'Amico
Deputy Chief Building Official and
Director

THIS IS YOUR PERMIT TO CONSTRUCT
PERMIT NUMBER: 26 139920 PLB 00 PS

Owner:
CITY OF TORONTO

Address:
C/O ATEF BOULOS
55 JOHN ST
TORONTO ON

CITY OF TORONTO

C/O ENERGY MANAGEMENT, CORPORATE SERVICES
55 JOHN ST 2FL
TORONTO, ON M5V 3C6
CAN

Project Description: Office; Building Permit Related(PS)

Project Location: 703 DON MILLS RD

Ward:

The issuance of this permit is based on the drawings, specifications, details and information submitted with the application. The submitted documents have been reviewed for compliance with the Ontario Building Code, Zoning By-laws, applicable regulations and legislation.

The referenced permit number listed above and on your permit placard also appears on all plans reviewed for this building permit application. The validity of this permit is restricted to the person/company named as owner. Permit ownership cannot be transferred unless prior written authorization is given by the Chief Building Official.

The extent of construction authorized under this permit is limited to the description contained herein as follows:
Plumbing - Proposal for interior alterations on first floor to covert existing office to new back up call centre, basement lunchroom, basement stroage space converteed to service room

Stated work and use must be in accordance with the plans, specifications, building permit notes and other information issued with this building permit. Changes to any documents submitted are not to be made unless prior authorization is obtained from the Chief Building Official or designate. False information may be grounds for revocation of the building permit.

Notwithstanding, it is the responsibility of the owner to comply with requirements of the Ontario Building Code and applicable laws as well as to ensure compliance ..

The permit placard must be posted in a conspicuous place on the construction site.

Tony D'Amico
Deputy Chief Building Official
North York District

Issued by: Bazger, Halima

Date Issued: May 28, 2026

Please see the second page of this letter for additional requirements and inspection information.

WHEN YOU BEGIN DEMOLITION/CONSTRUCTION ...

Site Fencing

As soon as construction or demolition starts, your site must be entirely surrounded by a fence which is in compliance with the City of Toronto Municipal Code Chapter 363, Article III. The minimum requirement is plastic mesh fencing, 1.2 metres high, tied to posts spaced no more than 1.2 metres apart with an 11 gauge top and bottom wire threaded through the mesh and looped around each post. The Municipal Code is available on the City website at:

http://www.toronto.ca/legdocs/municode/1184_363.pdf

Construction Noise

Any construction which generates noise is prohibited in residential areas between the hours of 7:00 p.m. one day to 7:00 a.m. the next day, 9:00 a.m. on Saturdays, and all day Sunday and Statutory holidays.

When To Call For Inspection

You are required by Division C, Part 1, Article 1.3.5.1. of the Ontario Building Code, to notify the building inspection office at several prescribed stages of construction. Please contact the building inspection office at the telephone number listed below, when each of the following stages are substantially complete:

Inspection Stages

- | | | |
|-------------------------------|----------------------|------------------|
| * Sewers/Drains/Sewage System | * Water Service | * Fire Service |
| * Drain/Waste/Vents | * Water Distribution | * Plumbing Final |
| * Occupancy | | |

To Schedule your Next Mandatory Inspection

When you are ready to book your inspection, you may request an inspection online from your computer or smart phone using Toronto Building's Inspection Request web application at www.toronto.ca/building-inspection-request.

Alternatively, you may contact your local building inspection office by telephone at 416-338-0700, by fax 416-696-4179 or by email to NYBldgInsp@toronto.ca.

Inspections will take place within two days commencing at the start of business on the day following your notification (Inspection Request).

Please leave a telephone number where you can be reached or a message can be left.

The inspector assigned to your project is Mark Canto 416-396-5087

PERMIT PLANS MUST BE ON SITE

Your permit plans and specifications must be on site at all times. Inspections are conducted with your copy of the plans.

BULLETIN - CONSTRUCTION SAFETY

The responsibilities of the City of Toronto under the Occupational Health and Safety Act apply to all our employees regardless of the location at which they are working.

Responsibilities for the Construction Safety Regulations on construction sites are clearly spelled out in the Act under the definitions of constructor, employer, supervisor and worker.

The City of Toronto believes that the goal of safe and injury free construction sites is a priority for all parties involved in building construction.

Safety training for the City of Toronto Building Inspectors is mandatory. However the delivery of a safe working environment on construction sites must include the compliance of individual builders with the Occupational Health and Safety Act.

Safety measures include the following:

1. Temporary guards on all openings,
2. Correct use of ladders,
3. Temporary or permanent stairs above or below grade by the time the sub floor is complete,
4. Clear and safe access to the site,
5. Protection of trenches and excavation below four feet deep, and
6. Correct use of fall prevention equipment where required.

As the employer responsible for the safety of building inspectors, the City of Toronto has instructed its Building Inspectors not to conduct inspections on sites where conditions exist that could jeopardize their health and safety.

The following are examples of conditions which may jeopardize the health and safety of inspectors:

1. Guards are missing,
2. Ladders do not meet regulations,
3. Temporary or permanent stairs, above or below grade, to all floor levels are not provided as required.
4. Access to the site has impediments or hazards, or
5. Trenches or excavations lack required shoring or slope of bank.

Prior to calling for an inspection the appropriate safety measures shall be in place as a site inadequately provided with these measures is not ready for inspection. The City of Toronto Building Inspectors will cooperate with builders regarding the timing of making provision for these safety measures. However, if the measures are not provided, an Order Not To Cover could be issued and the Ministry of Labour informed.

We look forward to working with you toward the goal of a safe environment for all workers.

Notice of Project - Please be advised that the Ministry of Labour requires a Notice of Project be filed with them before starting any project costing \$50,000 or more.

For more information about the Notice of Project form and construction information please visit Ministry of Labour website at: <https://www.labour.gov.on.ca/english/hs/forms/>

Report an Incident

Notify the ministry of fatalities, critical injuries, work refusals, reprisals and unsafe work practices.

Ministry of Labour Health .Safety Contact Centre

Toll-free: 1-877-202-0008

TTY: 1-855-653-9260

Fax: 905-577-1316

Construction of the work approved in this building permit must be carried out with reasonable care to ensure protection for everyone on the construction site from the hazards associated with all overhead and underground power lines. Obtain further information at: <http://www.torontohydro.com/powerlinesafety>

Building Permit 163_24

The reviewed plans and specifications must be available on site during scheduled inspection of the new/ modified sign(s). Changes to these plans and specifications are not to be made unless prior written approval is obtained from the Chief Building Official.

The issuance of a sign permit pursuant to Chapter 694 of the Municipal Code shall not be used as or construed as an approval or permission for any matter not regulated by this chapter or as a substitute for any approval or permission required by law including any applicable Zoning by-law or the Ontario Building Code.

The owner/permit holder is required to comply with the following Permit Notes, which are part of the reviewed permit documents:

- ☐ All Plumbing, Drainage and Vent Piping shall conform to Ont. Reg. 163/24 Building Code, Part 7
- ☐ Mechanical drawings shall be read in conjunction with architectural drawings and specifications.
- ☐ All material within the ceiling space used as return air plenum shall have a maximum flame spread rating of 25 and a maximum smoke developed classification of 50.
- ☐ Do not cover any storm, sanitary, vent and water piping prior to testing. Inspector shall witness the test.
- ☐ All plumbing and drainage pipes penetrating fire separations shall be fire stopped.
- ☐ All plumbing and drainage pipes shall be of non-combustible construction.
- ☐ Potable water system shall be designed, constructed and installed to conform to good engineering practice appropriate to the circumstances, such as that described in the ASHRAE Handbooks and ASPE Data Books and Article 7.6.3.1 (2). of the Building Code.

The City has relied upon the plans and drawings prepared and submitted by the qualified architects and/or engineers on this project. The issuance of a permit does not imply a complete design review of this project has been performed and does not relieve the owner and designers from the need to comply with the Ontario Building Code and referenced standards where contravention are subsequently noted.

All floor/hub drains shall be vented and primed as per OBC Div. B, 7.5.1.1.(1) & 7.4.5.5.

OBC Div. B, 7.4.3.2.(1) Indirect connections or any trap that may overflow shall not be located in a crawl space or any other unfrequented area.

OBC Div. B, 7.4.7.1.(1) Sanitary drainage systems and storm drainage systems shall be provided with cleanouts that will permit cleaning of the entire system.

OBC Div. B, 7.4.7.1.(10) A cleanout shall be installed on a trap arm serving a kitchen sink as close as practical to the trap outlet and shall be readily accessible.

OBC Div. B, 7.4.8.1.(1) Drainage pipes that are NPS 3 or less shall have a downward slope in the direction of flow of at least 1 in 50.



PERMIT REVIEWED FOR COMPLIANCE WITH
THE ONTARIO BUILDING CODE

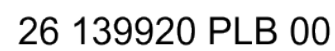
26 139920 PLB 00

ZONING		
O.B.C.	Li, Edwin	23/Apr/2026
FIRE SERVICES		

O.B.C. (S)



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Issued/Revision	By	Appd	YYYY.MM.DD
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File Name: N/A	SD	SY	VPW	10/07/25
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Client/Project
City of Toronto

703 Don Mills Road
North York, ON

Project No.	Scale
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135901073

Revision _____ Drawing No. _____

C **M-003**
Toronto Building RECEIVED 09/Apr/202

NOTES:

1. TWO-WAY MODULATING CONTROL VALVES SHALL BE PROVIDED LOOSE WITH THE CASSETTE UNITS AND INSTALLED ON SITE BY THE CONTRACTOR.
2. AC-6,7,8 WORKING IN N+1 CONFIGURATION
3. AC-9,10,11 WORKING IN N+1 CONFIGURATION

NOTE:
1.DOUBLE-SIDED SADDLE TYPE CONFIGURATION WITH ROUND TOP INLET

NOTE:

- 1.PROVIDE WITH UNIT DISCONNECT SWITCH.
- 2.REFER TO PLANS FOR TERMINAL UNIT ORIENTATION (LEFT OR RIGHT-HANDED)
- 3.PROVIDE WITH 3FT DISCHARGE ATTENUATOR
- 4.PROVIDE VAV CONTROLLERS AND TIE-IN TO BASE BUILDING BAS SYSTEM
- 5.PROVIDE VAV UNIT WITH INTEGRAL (INBUILT) TRANSFORMER.

NOTES:
1. ALL PREACTION FIRE SUPPRESSION CABINETS SHALL BE INTEGRATED WITH THE EXISTING FIRE ALARM SYSTEM. ENSURE PROPER SUPERVISION, SIGNALING, AND COMPATIBILITY WITH EXISTING PANELS AND DEVICES. COORDINATE INSTALLATION AND TESTING WITH THE F/A CONTRACTOR.

PLUMBING FIXTURE SCHEDULE

**TORONTO Building**
PERMIT REVIEWED FOR COMPLIANCE WITH
THE ONTARIO BUILDING CODE

26 139920 PLB 00

ZONING

O.B.C.

FIRE SERVICES

O.B.C. (S)

**FOR
REFERENCE
ONLY**

Notes

C	ISSUED FOR BUILDING PERMIT	SY	GF	2024.04.02
B	ISSUED FOR 80% REVIEW	SY	GF	2024.03.06
A	ISSUED FOR 50% REVIEW	SY	GF	2024.01.30
Issued/Revision		By	Appd	YYYY.MM.DD
File Name: N/A	Author	Designer	Checker	10/07/25
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal



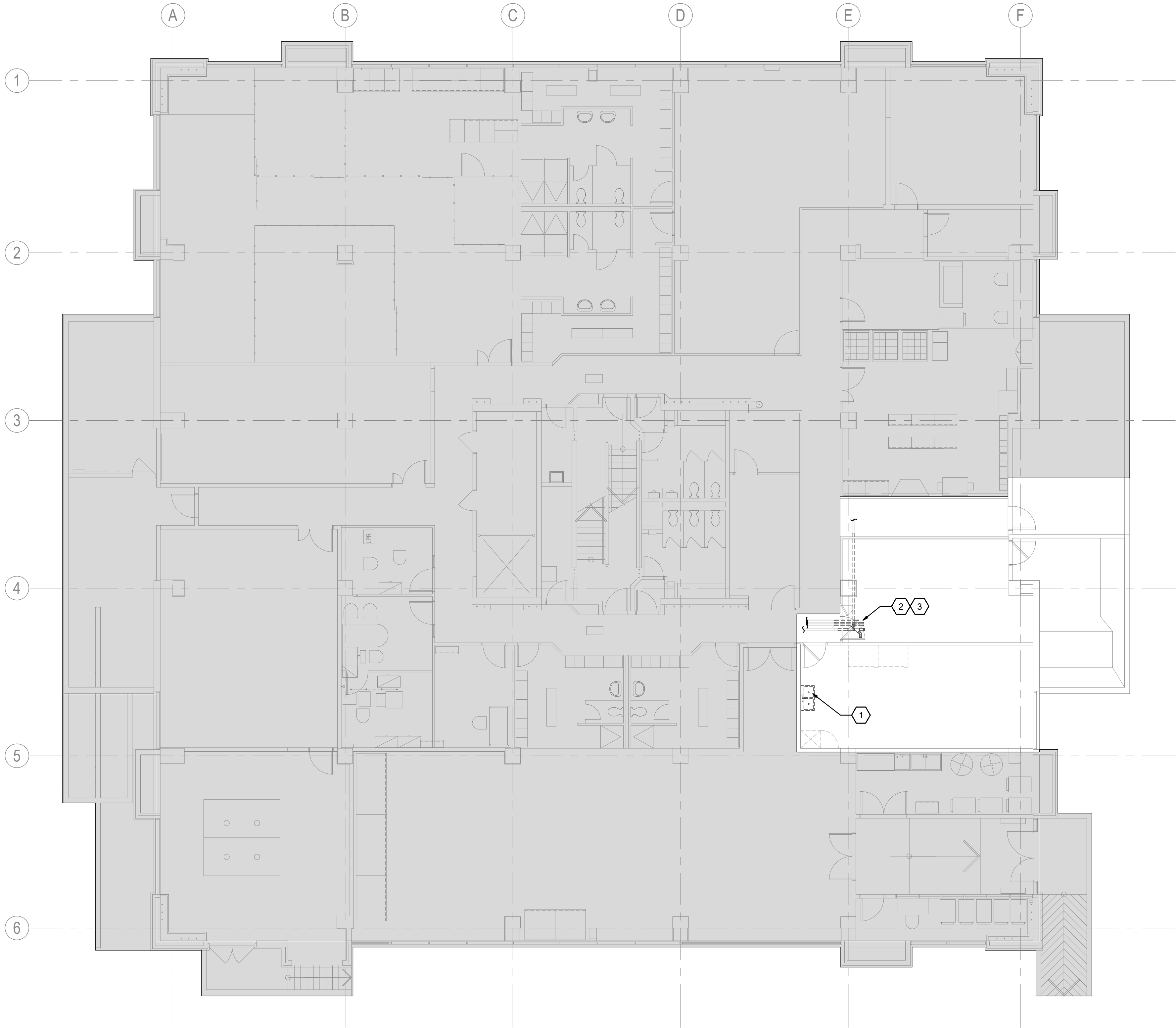
Client/Project Logo

Client/Project
City of Toronto

TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION
703 Don Mills Road
North York, ON

Title
SANITARY AND WATER OVERALL PLAN
- BASEMENT - DEMOLITION

Project No. 135901073	Scale 1 : 100
Revision C	Drawing No. MD-201



- KEYED NOTES
1.

REMOVE EXISTING KITCHEN SINK COMPLETE, INCLUDING ASSOCIATED FIXTURES, TRIM, SUPPORTS, AND CONNECTIONS. AFTER REMOVAL, CAP EXISTING DOMESTIC WATER, SANITARY, AND ANY OTHER ASSOCIATED PLUMBING SERVICES IN A SAFE AND CODE-COMPLIANT MANNER FOR FUTURE RECONNECTION. COORDINATE EXACT EXTENT OF DEMOLITION AND CAP LOCATIONS WITH SITE CONDITIONS AND FUTURE WORK REQUIREMENTS.
2.

REMOVE EXISTING LINE SHOWN IN THE UPS ROOM AND REROUTE AS SHOWN ON M-201 TO MAINTAIN EXISTING DRAINAGE FUNCTION AND ALL CONNECTED FIXTURES/SERVICES. COORDINATE EXACT ROUTING, ELEVATIONS, AND TIE-IN LOCATIONS WITH SITE CONDITIONS AND OTHER TRADES PRIOR TO INSTALLATION. ENSURE SYSTEM REMAINS FULLY OPERATIONAL AND CODE-COMPLIANT AFTER REROUTING MAINTAINING THE OPERATIONAL SLOPE WHERE PRESENT.
3.

PROVIDE CAPS TO ALL REROUTED LINES OUTSIDE THE UPS ROOM THAT ARE NO LONGER SERVING ANY EQUIPMENT OR FIXTURES. ENSURE ALL ABANDONED CONNECTIONS ARE PROPERLY ISOLATED, CAPPED, AND MADE SAFE.

1

MD-201

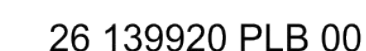
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SANITARY AND WATER OVERALL PLAN - BASEMENT DEMOLITION



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O.B.C.	Li, Edwin	23/Apr/2026
FIRE SERVICES		
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Notes

C	ISSUED FOR BUILDING PERMIT	SY	GF	2026.04.02
B	ISSUED FOR 80% REVIEW	SY	GF	2026.03.06
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Issued/Revision

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	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal



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City of Toronto

TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title
SANITARY AND WATER OVERALL PLAN
- BASEMENT - NEW WORK

Project No. 135901073	Scale As indicated
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Revision **C** Drawing No. **M-201**

1 SANITARY AND WATER OVERALL PLAN - BASEMENT NEW WORK
M-201 1 : 100



2 KEYNOTE 7 FLOOR DRAIN LOCATION
M-201

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TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION
703 Don Mills Road
North York, ON

Title
SANITARY AND WATER OVERALL PLAN
- LEVEL 1 - NEW WORK

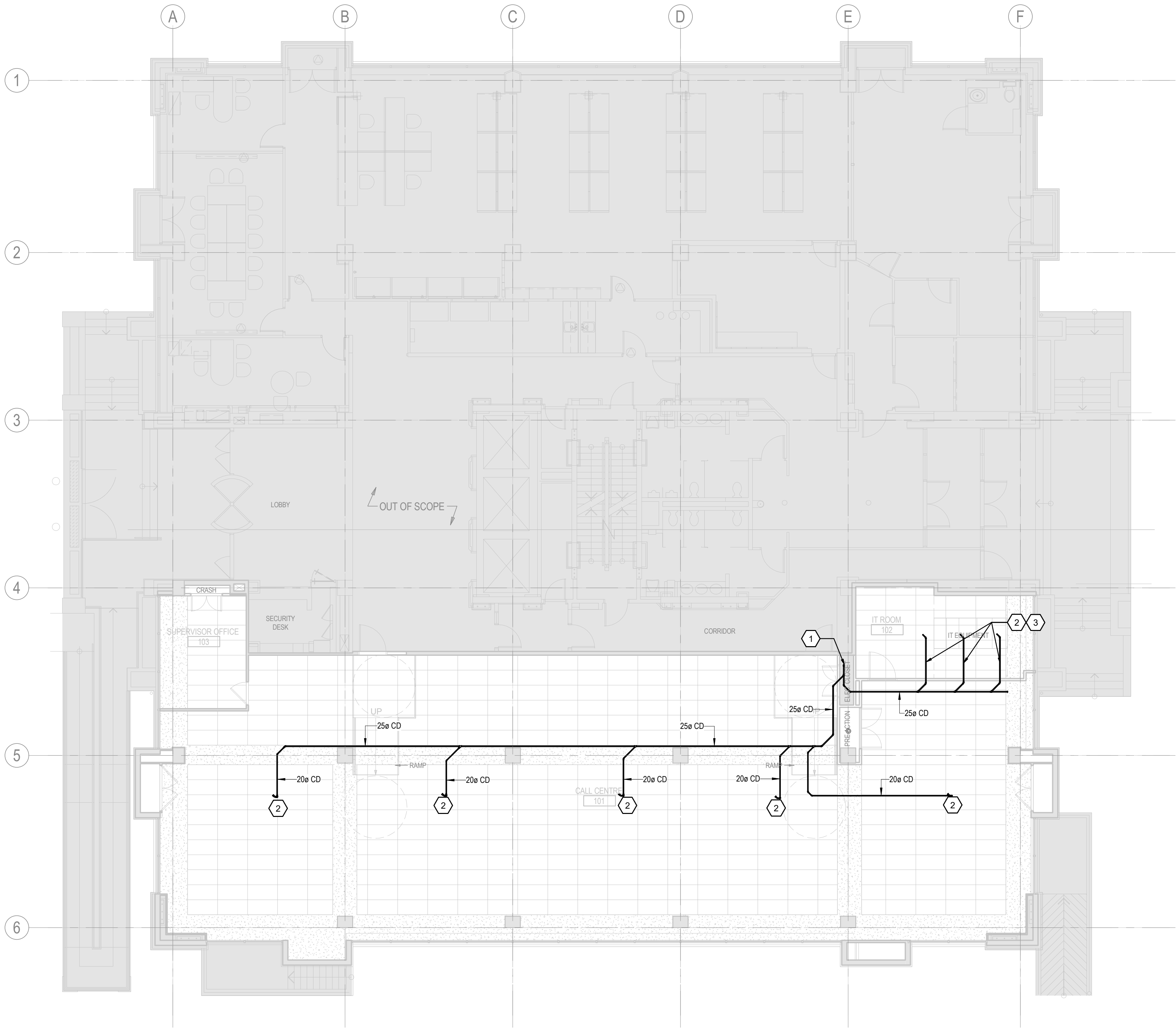
Project No. 135901073 Scale 1 : 100

Revision C Drawing No. **M-202**

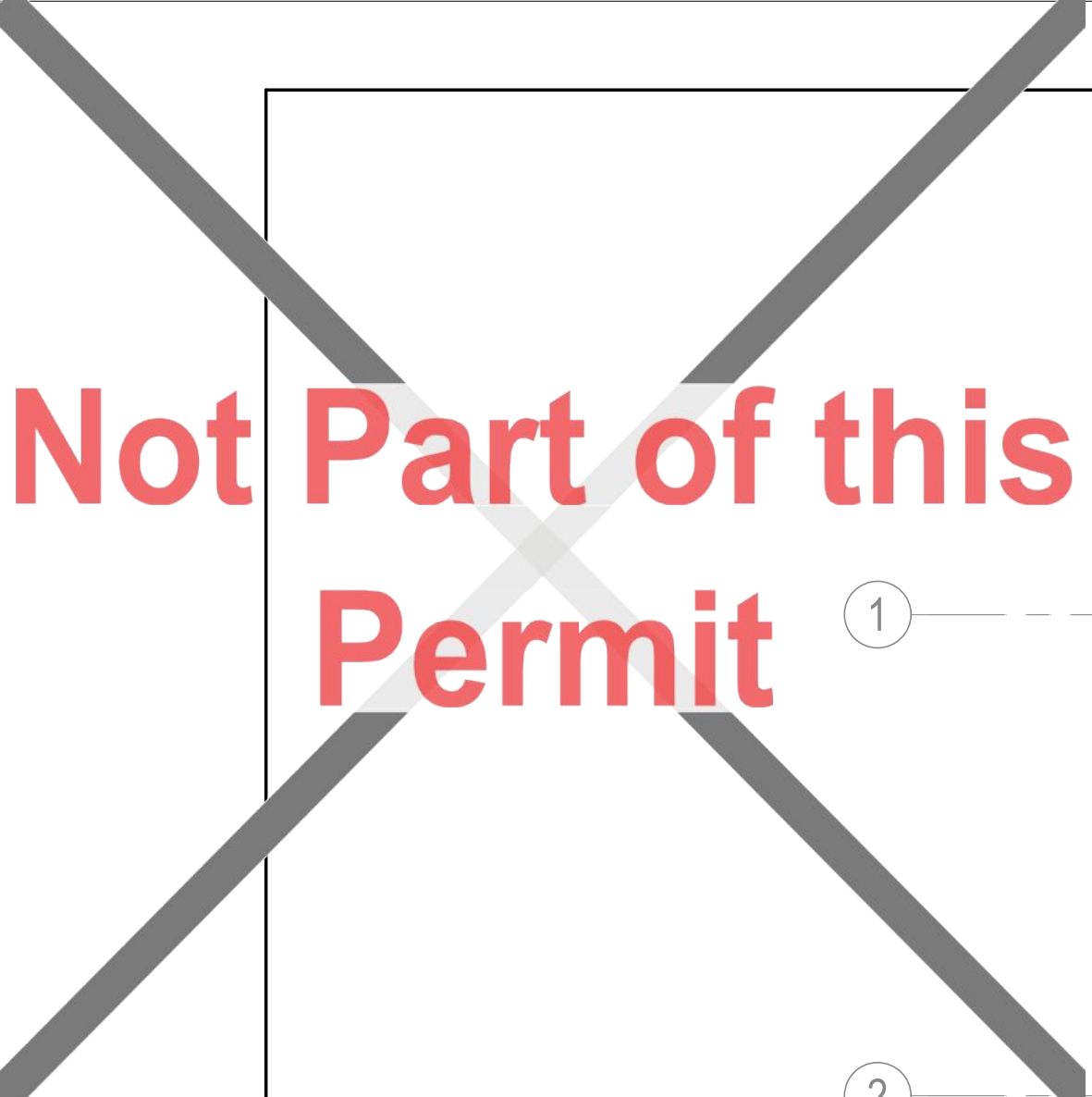
TORONTO Building RECEIVED 09/Apr/2026

KEYED NOTES

1. PROVIDE CONDENSATE DRAIN PIPING FROM ALL CASSETTE UNITS ON LEVEL 1. ROUTE CONDENSATE LINE CONCEALED ABOVE CEILING AND DOWN TO BASEMENT CEILING. CONNECT TO CONDENSATE DRAIN FROM COMING FROM UPS ROOM AS SHOWN ON M-201.
2. 20mm CONDENSATE DRAIN FROM AC UNITS. REFER TO DETAIL 6-M901 FOR CONNECTION TO AC UNITS
3. PROVIDE APPROVED PENETRATION ASSEMBLY FOR PIPING THROUGH FIRE-RATED WALL. REFER TO ARCHITECTURAL DETAILS FOR INSTALLATION REQUIREMENTS.



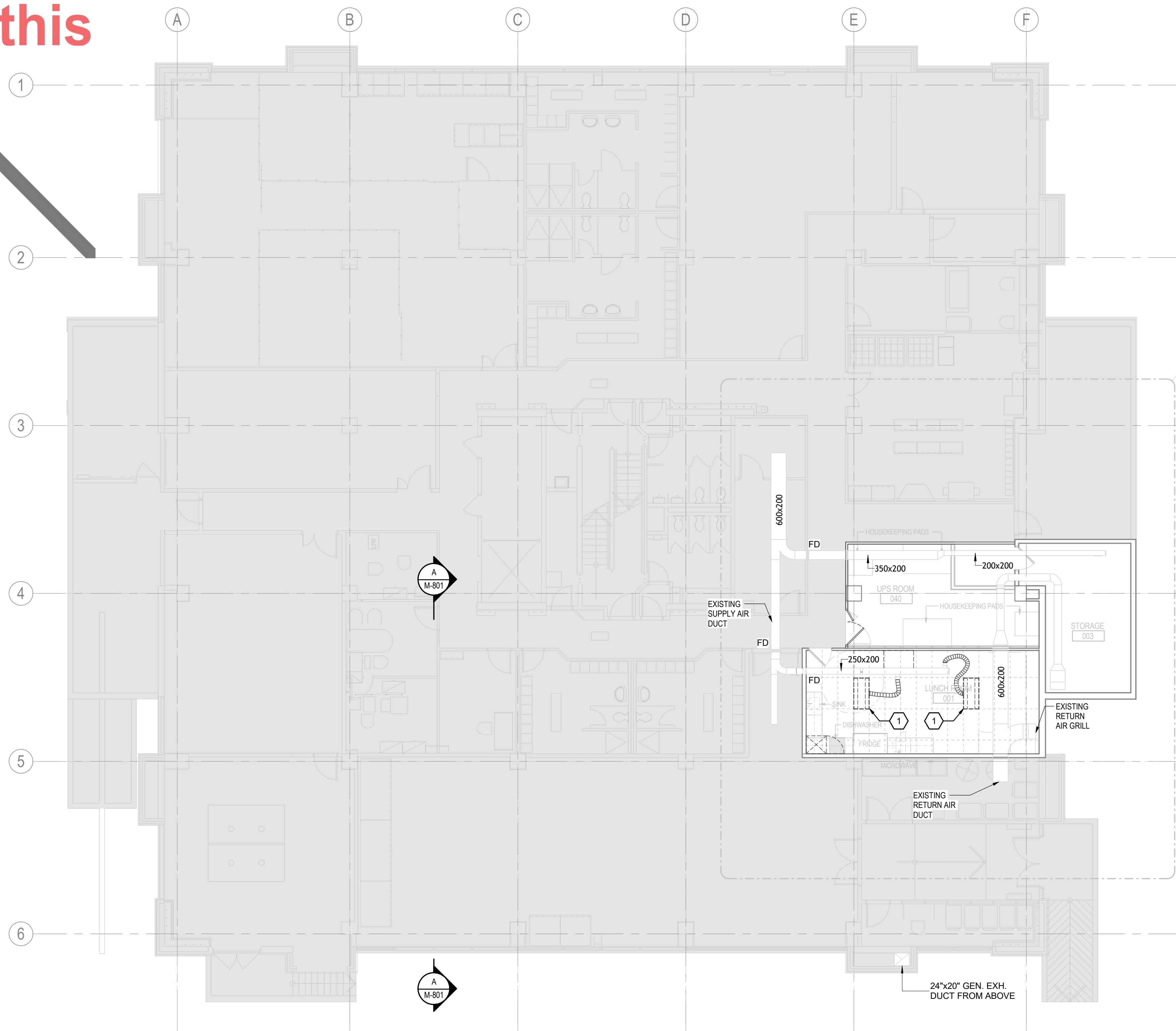
1 SANITARY AND WATER OVERALL PLAN - LEVEL 1 NEW WORK
M-202 1 : 100



Not Part of this Permit

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1 MD-301 HVAC VENTILATION OVERALL PLAN - BASEMENT DEMOLITION

KEYED NOTES	
1.	DEMOLISH EXISTING FLEX DUCTWORK AND DIFFUSER AS SHOWN. CAP AT MAIN FOR FUTURE CONNECTION



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100-401 Wellington Street West
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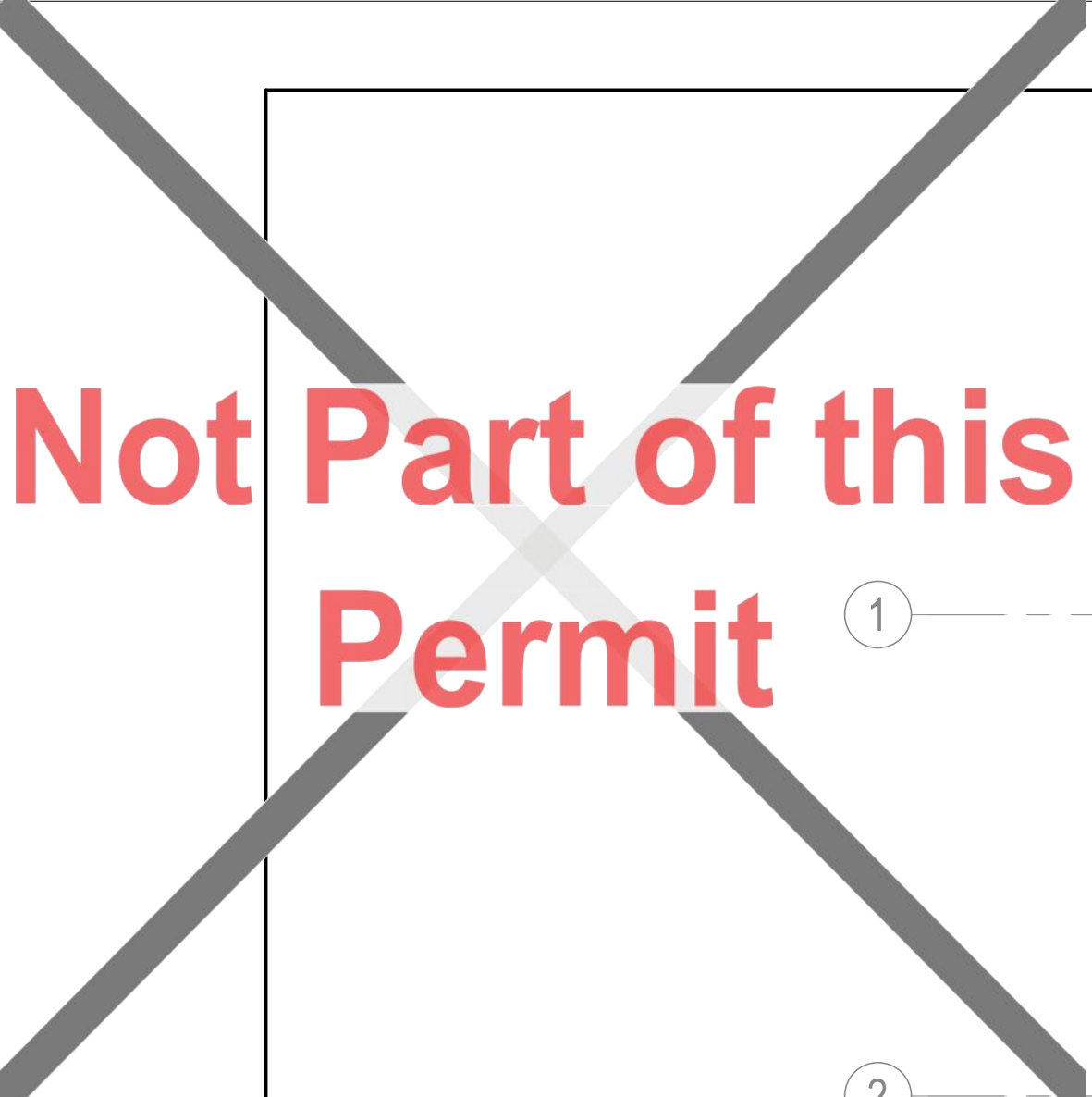
TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title
HVAC VENTILATION OVERALL PLAN -
BASEMENT - DEMOLITION

Project No. 135901073	Scale As indicated
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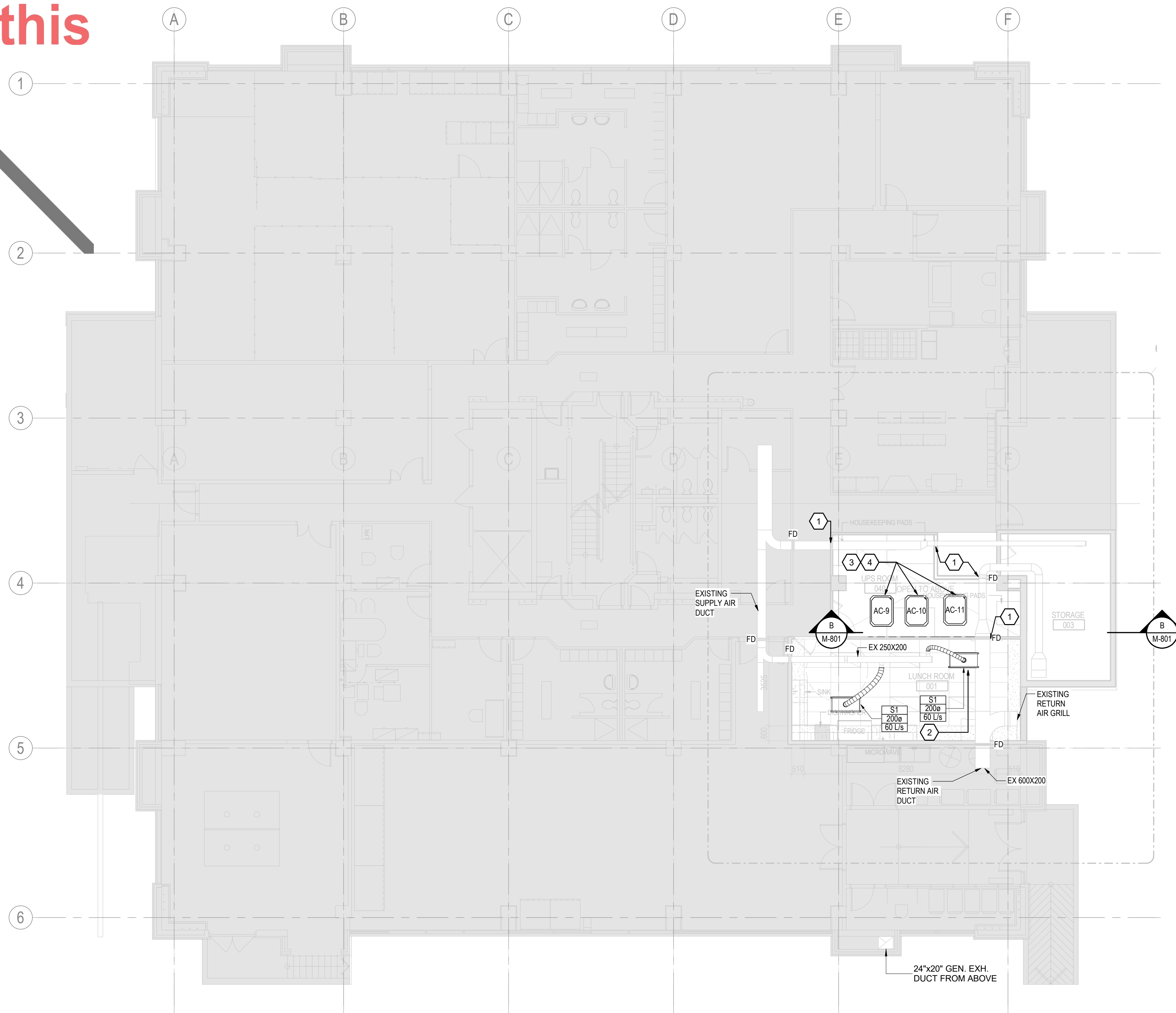
Revision **C** Drawing No. **MD-301**



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1 HVAC VENTILATION OVERALL PLAN - BASEMENT NEW WORK

M-301 1 : 100

- ### GENERAL NOTES

1. COORDINATE ALL NEW WALL AND FLOOR OPENING LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL TRADES. REFER TO ARCH DRAWING PACKAGES FOR OPENING DETAILS. SIZE AND LOCATION OF OPENINGS TO BE DETERMINED AND COORDINATED BY MECHANICAL CONTRACTOR.
2. ARRANGE ALL EQUIPMENT AND ACCESSORIES IN SUCH A MANNER AS TO MAINTAIN COMPLETE ACCESSIBILITY FOR MAINTENANCE, SERVICE, AND OPERATION. WHERE REQUIRED, PROVIDE ACCESS PANELS TO MAINTAIN ACCESSIBILITY. ORIENT SERVICES SUCH TO MINIMIZE ACCESS PANEL. COORDINATE ALL PROPOSED ACCESS PANEL LOCATION WITH ENGINEER, ARCHITECT, AND OWNER.
3. DIFFUSER DUCT BRANCHES SHALL BE THE SAME SIZE AS THE DIFFUSER THROAT CONNECTION UNLESS INDICATED OTHERWISE.
4. COORDINATE WITH ARCHITECT. PROVIDE FIRE DAMPER AT DUCT PENETRATIONS AND APPROVED FIRE-RATED PIPE PENETRATION SYSTEM (FIRESTOP ASSEMBLY) FOR ALL MECHANICAL SERVICES PASSING THROUGH NEW FIRE-RATED WALL. INSTALL IN ACCORDANCE WITH LISTED ULC SYSTEM AND WALL RATING.
5. PROVIDE BALANCING DAMPERS AT EACH NEW CONNECTION TO MAIN DUCTWORK. BALANCE AIRFLOW AS INDICATED ON DRAWINGS.

KEYED NOTES

1. INSTALL FIRE DAMPERS IN ALL DUCTWORK PENETRATING NEW FIRE-RATED WALLS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS. REFER TO DETAIL 6/M901 FOR DUCT PENETRATION THROUGH FIRE-RATED WALL.
2. PROVIDE NEW DIFFUSER, FLEX DUCT AND BALANCING DAMPERS FOR NEW CONNECTION.
3. CEILING MOUNTED COOLING UNITS. ADD ACOUSTIC TREATMENT. FOR MOUNTING AND CONNECTION DETAIL SEE 8/M901. MAINTAIN ACCESSIBILITY FOR ALL NEW CONNECTIONS
4. NEW IT ROOM AC UNITS (N+1 CONFIGURATION). REFER TO MECHANICAL SPECIFICATION FOR OPERATIONAL N+1 LOGIC.



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City of Toronto

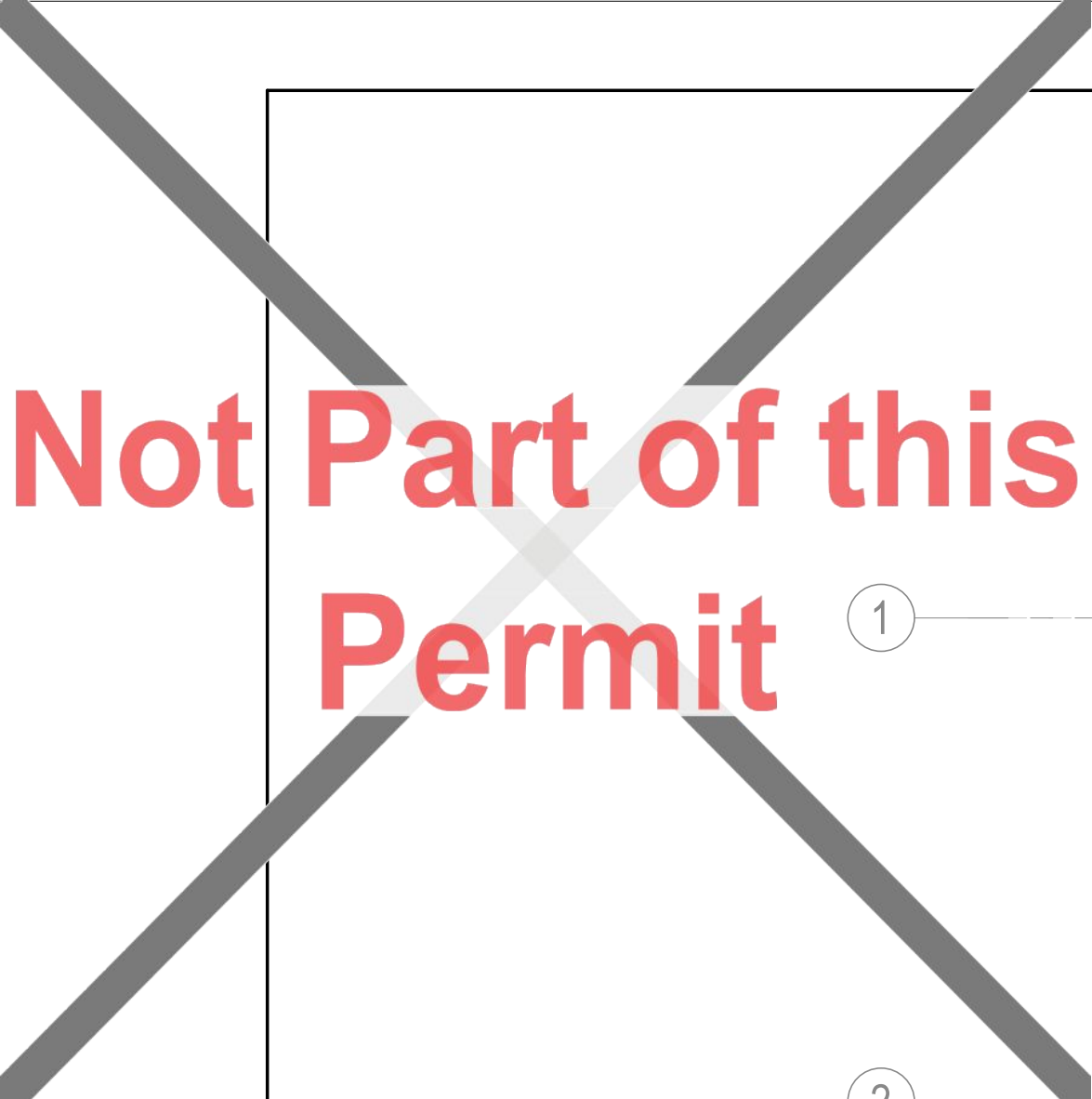
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HVAC VENTILATION OVERALL PLAN -
BASEMENT - NEW WORK

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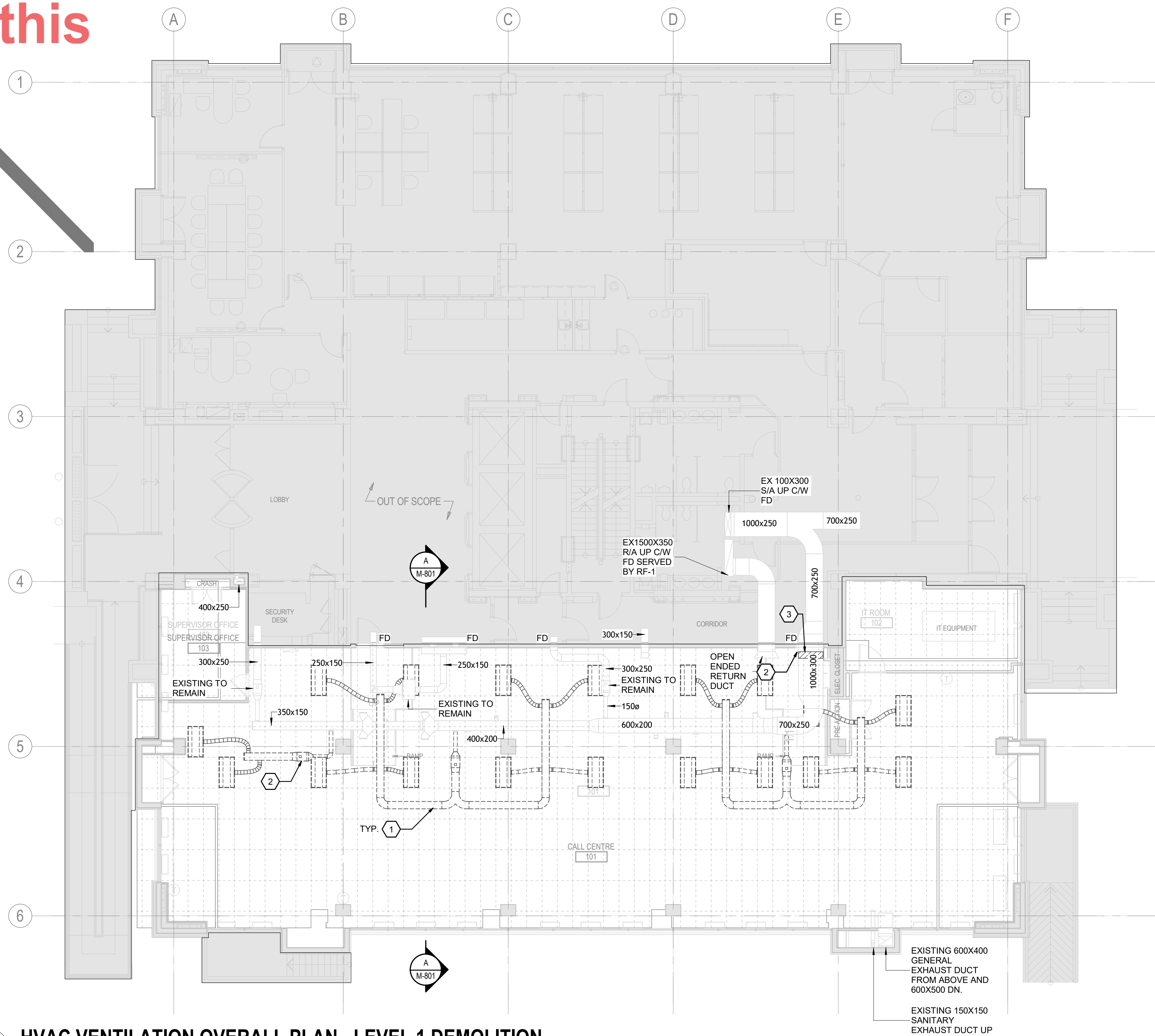
Revision **C** Drawing No. **M-301**



Not Part of this Permit

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2 HVAC VENTILATION OVERALL PLAN - LEVEL 1 DEMOLITION

GENERAL NOTES

1. VERIFY EXISTING CONDITIONS ON SITE PRIOR TO WORK. REPORT DISCREPANCIES.
2. COORDINATE DEMOLITION WITH ALL DISCIPLINES.
3. REMOVE HVAC EQUIPMENT, DUCTWORK, AND ACCESSORIES AS INDICATED.
4. PROTECT EXISTING SYSTEMS TO REMAIN.
5. PROVIDE CAPPING OF EXISTING PIPING ASSOCIATED WITH DECOMMISSIONED/REMOVED SERVICE ELEMENTS.
6. PROVIDE TEMPORARY OR PERMANENT CAPS AS REQUIRED TO MAINTAIN SYSTEM INTEGRITY AND PREVENT LEAKAGE. COORDINATE WITH ALL TRADES AND SITE CONDITIONS PRIOR TO EXECUTION.
7. MAINTAIN OPERATION OF SYSTEMS OUTSIDE PROJECT SCOPE.
8. REMOVE UNUSED HANGERS AND SUPPORTS.
9. PATCH AND REPAIR ALL SURFACES AFFECTED BY DEMOLITIONS.
10. DISPOSE OF MATERIALS AS PER REGULATIONS.
11. FILED VERIFY EXISTING SERVICES PRIOR TO DEMOLITION.

KEYED NOTES

1. DEMOLISH EXISTING DUCTWORK AND DIFFUSER AS SHOWN. CAP AT MAIN FOR FUTURE CONNECTION.
2. CONFIRM REQUIREMENTS FOR CAPPING OF EXISTING PIPING LOSING SERVICE. PROVIDE PERMANENT CAPS AT ALL ABANDONED CONNECTIONS AND ENSURE SYSTEM IS PROPERLY ISOLATED, DRAINED, AND MADE SAFE AFTER DEMOLITION. COORDINATE WITH SITE CONDITIONS AND OTHER TRADES PRIOR TO EXECUTION.
3. EXISTING HEATING COIL TO REMAIN.



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Permit/Seal



Client/Project Logo

Client/Project
City of Toronto

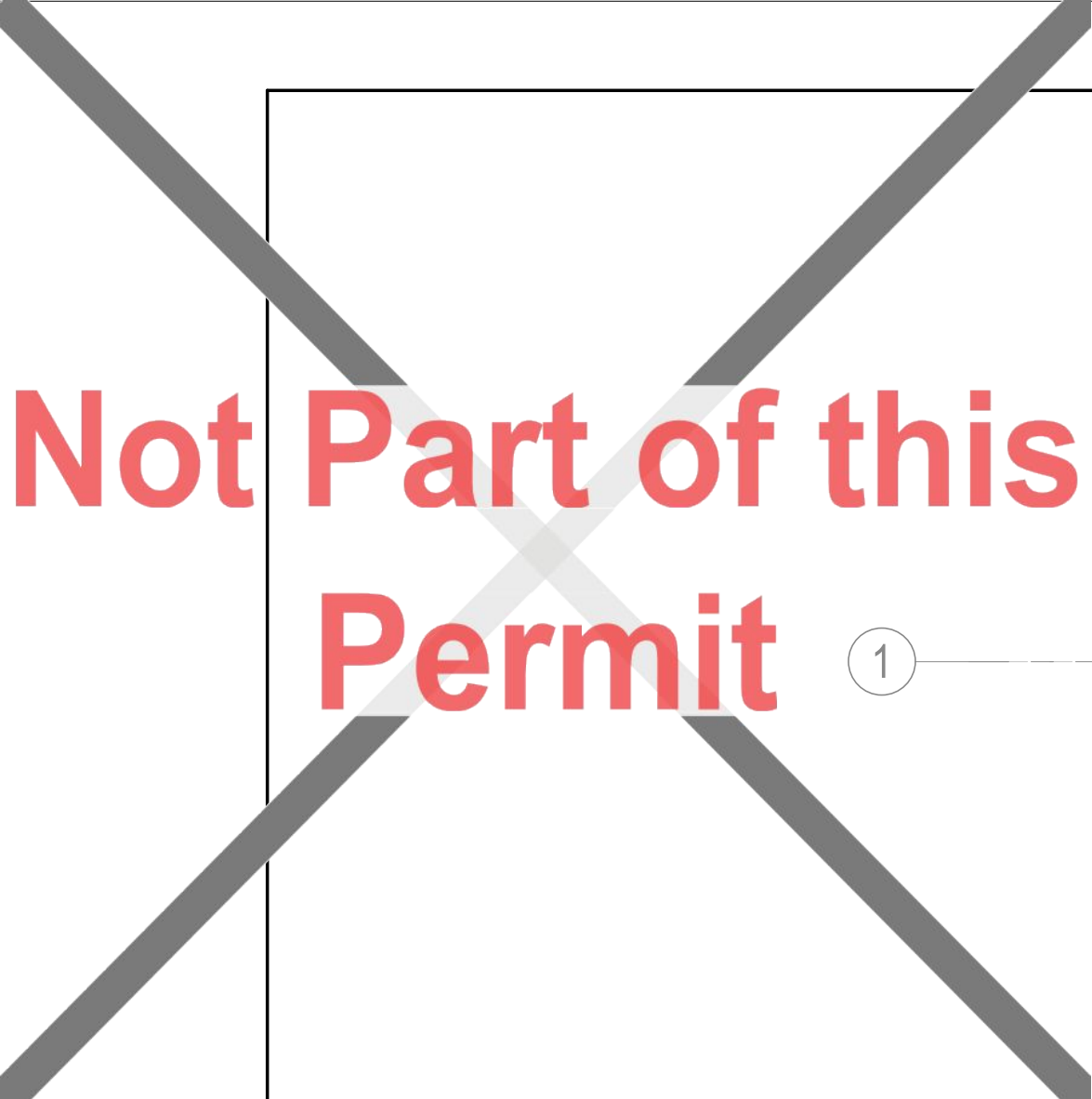
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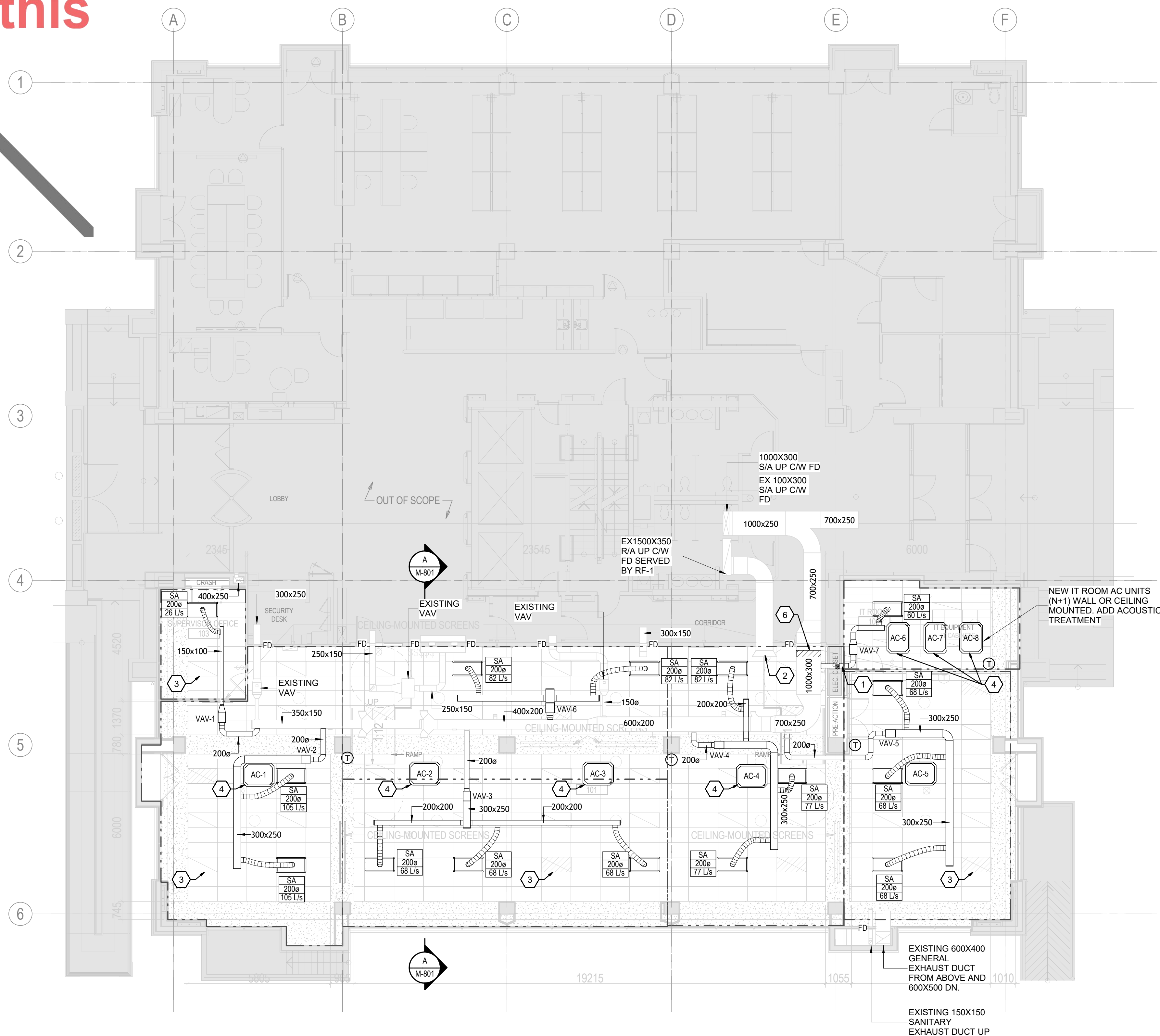
Title
HVAC VENTILATION OVERALL PLAN -
LEVEL 1 - DEMOLITION

Project No. 135901073	Scale As indicated
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Revision **C** Drawing No. **MD-302**



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1 HVAC VENTILATION OVERALL PLAN - LEVEL 1 NEW WORK

1 : 100

GENERAL NOTES

1. COORDINATE ALL NEW WALL AND FLOOR OPENING LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL TRADES. REFER TO ARCH DRAWING PACKAGES FOR OPENING DETAILS, SIZE AND LOCATION OF OPENINGS TO BE DETERMINED AND COORDINATED BY THIS CONTRACTOR.
2. ARRANGE ALL EQUIPMENT AND ACCESSORIES IN SUCH A MANNER AS TO MAINTAIN COMPLETE ACCESSIBILITY FOR MAINTENANCE, SERVICE, AND OPERATION: WHERE REQUIRED, PROVIDE ACCESS PANELS TO MAINTAIN ACCESSIBILITY. ORIENT SERVICES SUCH AS MINIMIZE ACCESS PANEL. COORDINATE ALL PROPOSED ACCESS PANEL LOCATION WITH ENGINEER, ARCHITECT, AND OWNER.
3. DIFFUSER DUCT BRANCHES SHALL BE THE SAME SIZE AS THE DIFFUSER THROAT CONNECTION UNLESS INDICATED OTHERWISE.
4. COORDINATE WITH ARCHITECT, PROVIDE FIRE DAMPER AT DUCT PENETRATIONS AND APPROVED FIRE-RATED PIPE PENETRATION SYSTEM (FIRESTOP ASSEMBLY) FOR ALL MECHANICAL SERVICES PASSING THROUGH NEW FIRE-RATED WALL. INSTALL IN ACCORDANCE WITH LISTED ULG SYSTEM AND WALL RATING.
5. PROVIDE BALANCING DAMPERS AT EACH NEW CONNECTION TO MAIN DUCTWORK. BALANCE AIRFLOW AS INDICATED ON DRAWINGS.

KEYED NOTES

1. INSTALL FIRE DAMPERS IN ALL DUCTWORK PENETRATING NEW FIRE-RATED WALLS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS. REFER TO DETAIL FOR DUCT PENETRATION THROUGH FIRE-RATED WALL.
2. RETURN AIR SHALL BE VIA TROFFER LIGHT RETURN OPENINGS IN THE ACCESSIBLE CEILING SPACE, WHICH SHALL ALSO FUNCTION AS A RETURN AIR PLENUM. RETURN AIR SHALL BE COLLECTED THROUGH OPEN-ENDED RETURN DUCT CONNECTIONS AS SHOWN. COORDINATE RETURN AIR PATH WITH LIGHTING, CEILING, AND OTHER TRADES TO MAINTAIN UNOBSTRUCTED AIRFLOW.
3. TROFFER LIGHT TO SERVE AS RETURN AIR PATH TO CEILING PLENUM. COORDINATE INSTALLATION TO MAINTAIN UNOBSTRUCTED AIRFLOW.
4. CEILING MOUNTED COOLING UNITS. ADD ACOUSTIC TREATMENT. FOR MOUNTING AND CONNECTION DETAIL SEE 610M91. MAINTAIN ACCESSIBILITY FOR ALL NEW CONNECTIONS
5. NEW IT ROOM AC UNITS (N+1 CONFIGURATION). REFER TO MECHANICAL SPECIFICATION FOR OPERATIONAL N+1 LOGIC.
6. EXISTING HEATING COIL AT THIS LOCATION TO REMAIN



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Notes

C	ISSUED FOR BUILDING PERMIT	SY	GF	2026.04.0
B	ISSUED FOR 80% REVIEW	SY	GF	2026.03.0
A	ISSUED FOR 50% REVIEW	SY	GF	2026.01.3
Issued/Revision		By	Appd	YYYY.MM.D
File Name: N/A		Author	SY	VPW
		Dwn.	Dsgn.	Chkd.
				10/07/23
				YYYY.MM.D

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TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title
HVAC VENTILATION OVERALL PLAN -
LEVEL 1 - NEW WORK

Project No.

135901073

Revision
C

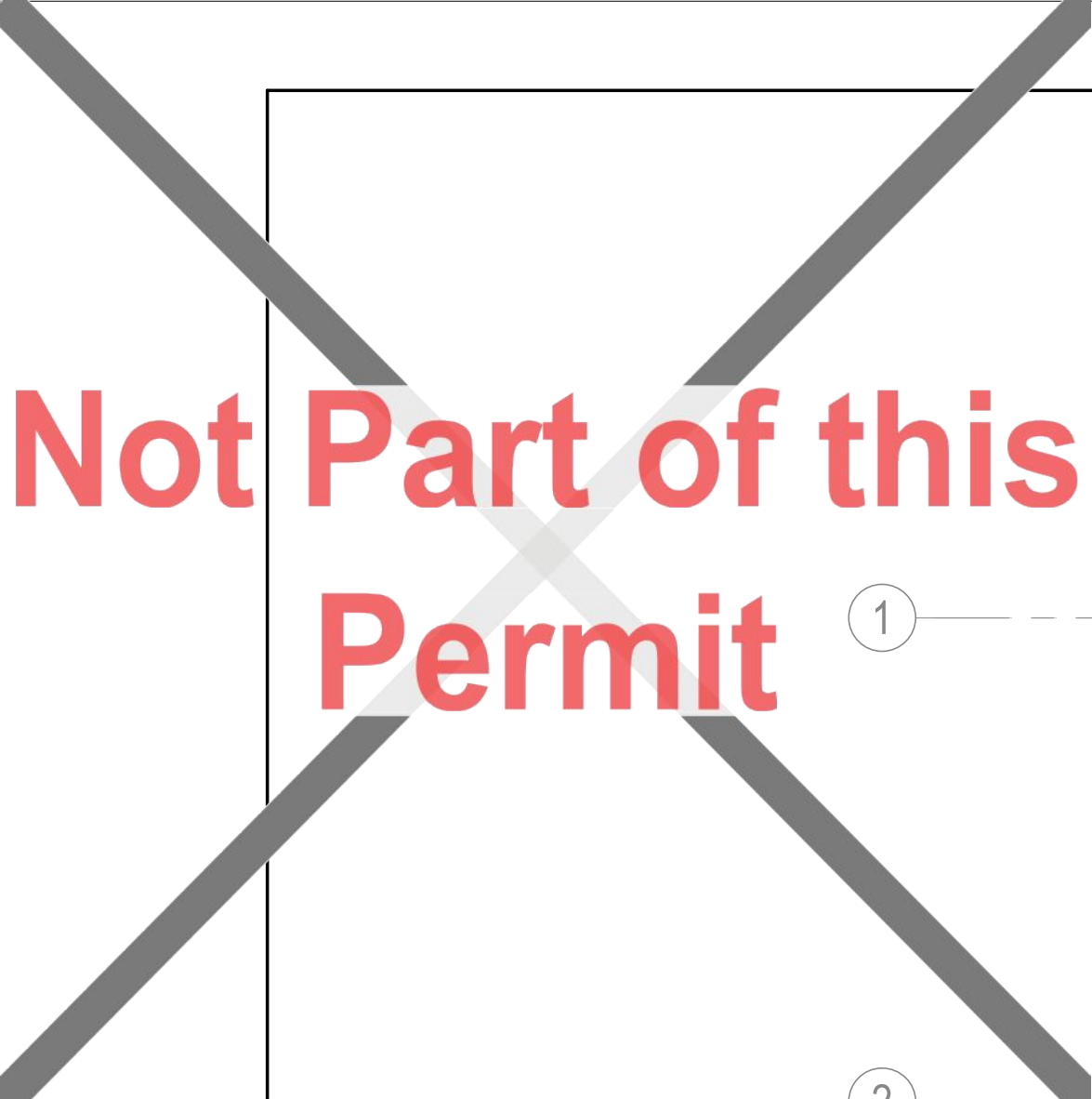
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1 HVAC HYDRONICS OVERALL PLAN - BASEMENT NEW WORK

KEYED NOTES

1. ALL PIPING PASSING THROUGH FIRE-RATED WALLS SHALL HAVE APPROVED FIRE-RATED PENETRATIONS WITH FIRESTOPPING/CAULKING. REFER TO 6/M001 AND ARCHITECTURAL PLANS FOR FIRE-RATED WALL LOCATIONS AND THE PENETRATION DETAIL.
2. CHWR AND CHWS PIPING ROUTED FROM LEVEL 1 TO DROP IN THE LUNCH ROOM CEILING. SCAN SLAB BEFORE CORING. CONDENSATE DRAIN FROM LEVEL 1 TO MERGE WITH CONDENSATE DRAIN FROM UPS ROOM AS SHOWN.
3. REFER TO CHILLED WATER SCHEMATICS FOR VALVE ARRANGEMENTS AND ACCESSORIES.



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Notes

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B ISSUED FOR 80% REVIEW	SY	GF	2026.03.06
A ISSUED FOR 50% REVIEW	SY	GF	2026.01.30
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File Name: N/A	Author	SY	VPW 10/07/25
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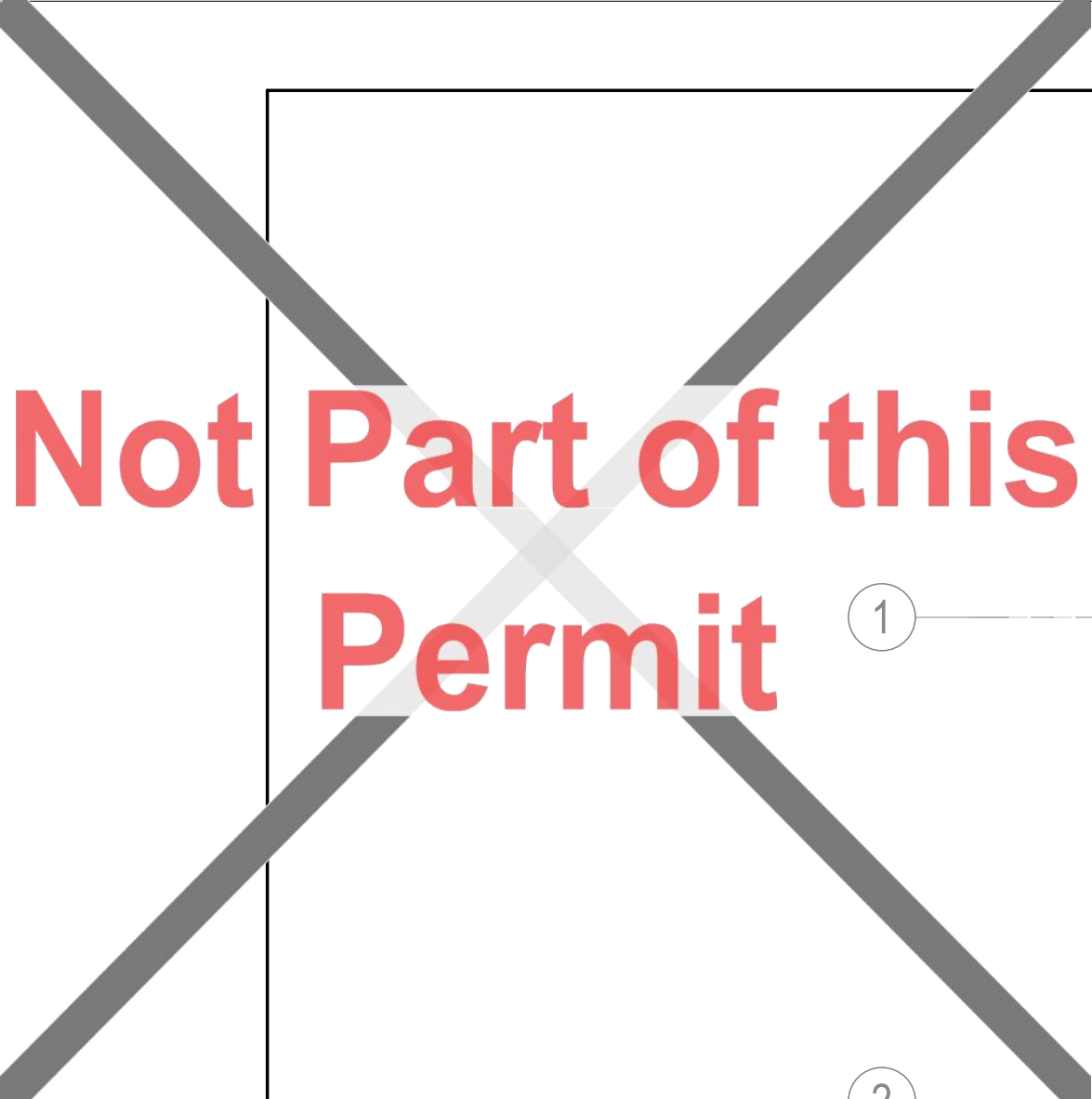
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Title
HVAC HYDRONICS OVERALL PLAN -
BASEMENT - NEW WORK

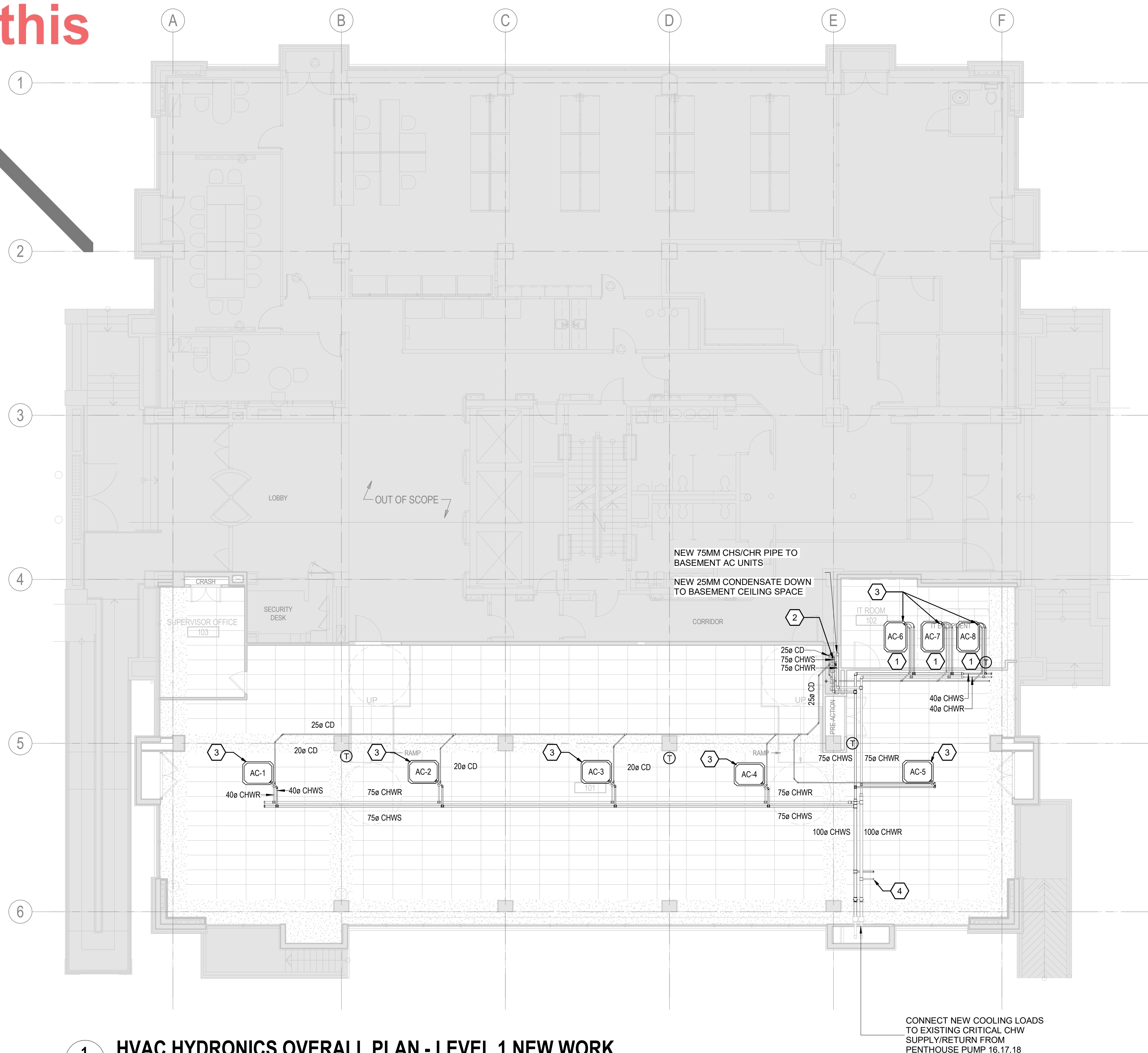
Project No. 135901073	Scale 1 : 100
Revision C	Drawing No. M-401



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1 HVAC HYDRONICS OVERALL PLAN - LEVEL 1 NEW WORK

M-402 1 : 100

KEYED NOTES

1. ALL PIPING PASSING THROUGH FIRE-RATED WALLS SHALL HAVE APPROVED FIRE-RATED PENETRATIONS WITH FIRESTOPPING/CAULKING. REFER TO 6/M901 AND ARCHITECTURAL PLANS FOR FIRE-RATED WALL LOCATIONS AND THE PENETRATION DETAIL.
2. CHWR AND CHWS PIPING ROUTED DOWN TO THE BASEMENT AT THIS LOCATION TO SERVE THE CASSETTE UNIT IN THE UPS ROOM. SCAN SLAB BEFORE CARRYING OUT CORING.
3. REFER TO CHILLED WATER SCHEMATICS FOR VALVE ARRANGEMENTS AND ACCESSORIES. REFER TO 6/M901 FOR CONNECTION DETAILS.
4. NEW 40MM CAPPED CONNECTION FOR FUTURE USE AT THIS LOCATION.



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Title

HVAC HYDRONICS OVERALL PLAN - LEVEL 1 - NEW WORK

Project No.

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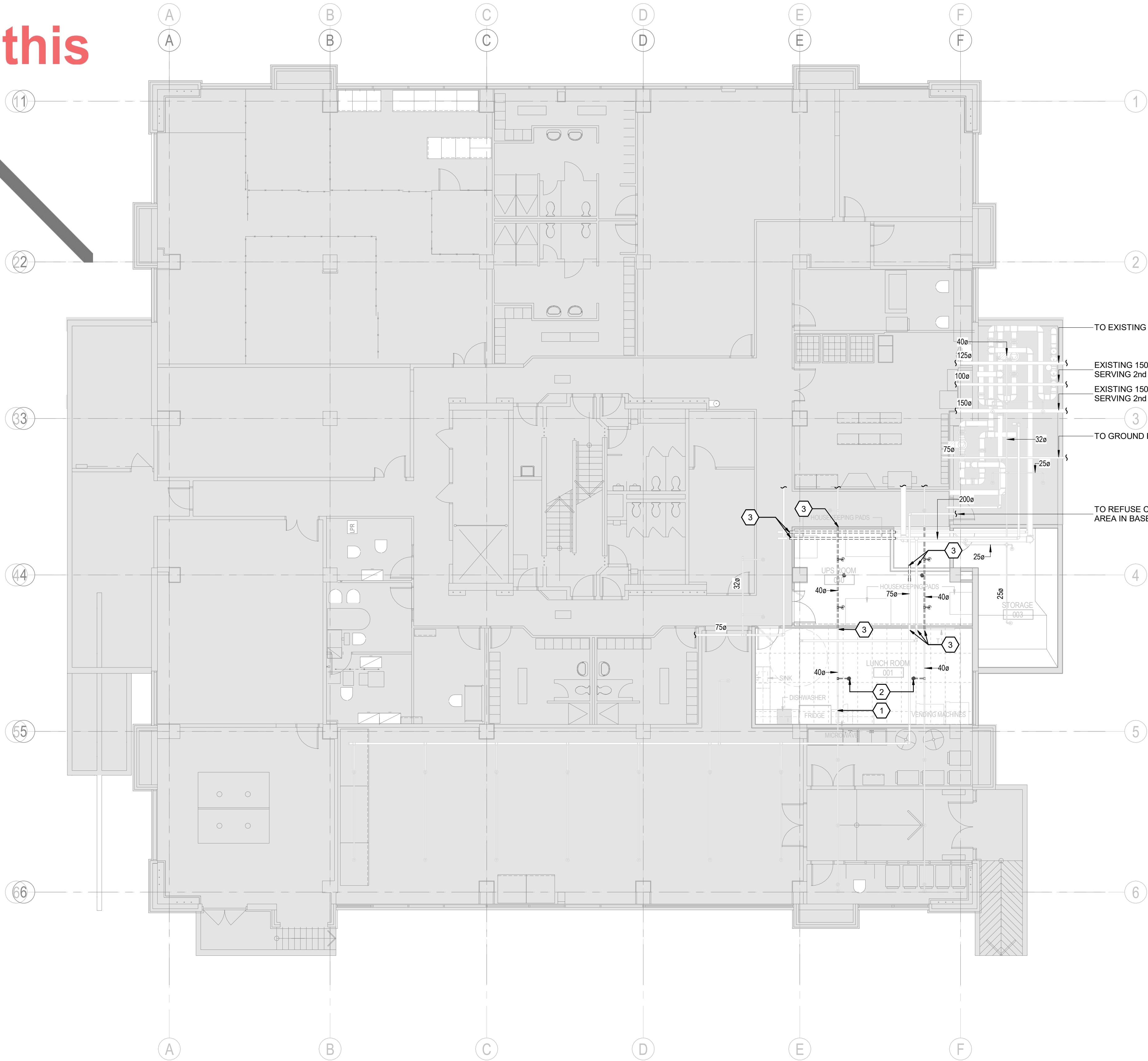
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M-402

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- KEYED NOTES**
- EXISTING FP BRANCH TO REMAIN.
 - REMOVE EXISTING SPRINKLER HEAD AND ASSOCIATED DROP/ARMOVER CONNECTION TO EXISTING FP BRANCH
 - DISCONNECT AT THIS LOCATION, OUTSIDE OF UPS ROOM PERIMETER



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B	ISSUED FOR 80% REVIEW	SY	GF	2024.03.06
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File Name: N/A	Author	SY	VPW	10/07/25
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Title
FIRE PROTECTION OVERALL PLAN -
BASEMENT - DEMOLITION

Project No.
135901073

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Drawing No.

MD-501

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- ### **KEYED NOTES**
1. CONNECT NEW SPRINKLER PIPE TO EXISTING TEE AT THIS LOCATION.
 2. SPRINKLER PIPE UP TO GROUND FLOOR SERVING IT ROOM.
 3. UPRIGHT SPRINKLER HEAD (TYP.)
 4. NEW SPRINKLER PIPE WITH A SINGLE PIPE SECTION WITH NO JOINTS WITHIN THE UPS ROOM.
 5. NEW SPRINKLER PIPE WITH A SINGLE PIPE SECTION WITH NO JOINTS WITHIN THE UPS ROOM.
 6. PRE-ACTION SPRINKLER CABINET TO SERVE NEW UPS ROOM & IT ROOM ON LEVEL 1. REFER TO DETAIL 2M908 & 3M906 FOR PRE-ACTION UNIT COMPONENTS AND ARRANGEMENTS
 7. PROVIDE NEW HOUSEKEEPING CAB FOR PREACTION UNIT. REFER TO 2M906 FOR DETAIL ON HOUSEKEEPING CAB ON EXISTING SLAB
 8. PENETRATION THROUGH FIRE-RATED WALL. COORDINATE WITH ARCHITECTURAL DRAWINGS AND REFER TO DETAIL 4M901 FOR INSTALLATION REQUIREMENTS.

- DRAINING NOTES: PRELIMINARY**
1. ENSURE ALL CRITICAL EQUIPMENT IS PROTECTED FROM CONSTRUCTION.
 2. PROVIDE ADEQUATE FIRE WATCH POSITIONS. UNTIL NEW SYSTEM IS INSTALLED, VERIFYED AND OPERATIONAL.
 3. FIRE PROTECTION CONTRACTOR SHALL PERFORM AND PROVIDE ALL NECESSARY HYDRAULIC CALCULATIONS IN ACCORDANCE TO NFPA 13 IN COMPLIANCE WITH THE LOCAL AUTHORITIES HAVING JURISDICTION.
 4. ALL NEW SPRINKLER AND DOUBLE INTERLOCK PRE-ACTION SYSTEM INSTALLATIONS, TESTING AND VERIFICATION SHALL BE IN COMPLIANCE WITH NFPA 13.
 5. INSTALL NEW PRE-ACTION SPRINKLER PIPE, HANGERS AND SPRINKLER HEADS. SPRINKLER PIPE SIZING AND SPRINKLER HEAD LAYOUT, DENSITY AND SPACING TO BE COORDINATED AND INSTALLED BASED ON FIRE PROTECTION CONTRACTORS SEALED HYDRAULIC CALCULATIONS. FLUSH AND PRESSURE TEST ALL NEW PIPING.
 6. INSTALL THE NEW PRE-ACTION NITROGEN SUPPLY SYSTEM AND TRIMMINGS. IDENTIFY AND COORDINATE THE INSTALLATION OF ALL REQUIRED DIV. 26 POWER AND BASE BUILDING FIRE ALARM SUPERVISORY/TROUBLE REQUIREMENTS.
 7. UPON APPROVAL FROM THE LOCAL AUTHORITY HAVING JURISDICTION, ISOLATE THE FIRE PROTECTION SUPPLY MAIN AND INSTALL PRE-ACTION FIRE FEED LINE CONNECTION. THE NEW FEED LINE CONNECTION SIZE IS TO BE IN ACCORDANCE WITH THE FIRE PROTECTION CONTRACTORS HYDRAULIC CALCULATIONS.
 8. INSTALL NEW PRE-ACTION SPRINKLER TEE ASSEMBLY CW SUPERVISORY VALVES, MAIN TIE INTO THE BUILDING FIRE PROTECTION WATER SUPPLY AND CONNECTION TO THE NEW PRE-ACTION SPRINKLER ZONE PIPING.
 9. COMPLETE ALL MECHANICAL FIELD CONNECTIONS AS PER MANUFACTURER'S SPECIFICATIONS, AND IN COMPLIANCE WITH THE LOCAL AUTHORITIES HAVING JURISDICTION.
 10. PROVIDED EACH NEW SPRINKLER ZONE WITH AN INSPECTORS TEST ASSEMBLY AND CAPPED DRAIN VALVE. CONNECTION TO EACH PRE-ACTION ZONE IS TO BE DETERMINED BY THE FIRE PROTECTION CONTRACTOR. LOCATE INSPECTOR DRAIN IN MECHANICAL ROOMS.
 11. COMPLETE ALL NECESSARY FIRE ALARM SUPERVISORY, TROUBLE AND CONTROLS WIRING BETWEEN THE NEW PRE-ACTION DEVICES, SYSTEMS AND RESPECTIVE CONTROL PANELS IN COMPLIANCE WITH NFPA 720, NFPA 2001, CANULC S524 & S537 AND LOCAL AUTHORITIES HAVING JURISDICTION.
 12. NEW DOUBLE INTERLOCK PRE-ACTION SYSTEMS SHALL BE INTEGRATED INTO, AND COORDINATED WITH, THE EXISTING FIRE ALARM SYSTEM AS NEW ZONES.



2 KEYNOTE 7 FLOOR DRAIN LOCATION

1 FIRE PROTECTION OVERALL PLAN - BASEMENT NEW WORK



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Notes

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B	ISSUED FOR 80% REVIEW	SY	GF	2026.03.0
A	ISSUED FOR 50% REVIEW	SY	GF	2026.01.3
Issued/Revision		By	Appd	YYYY.MM.D

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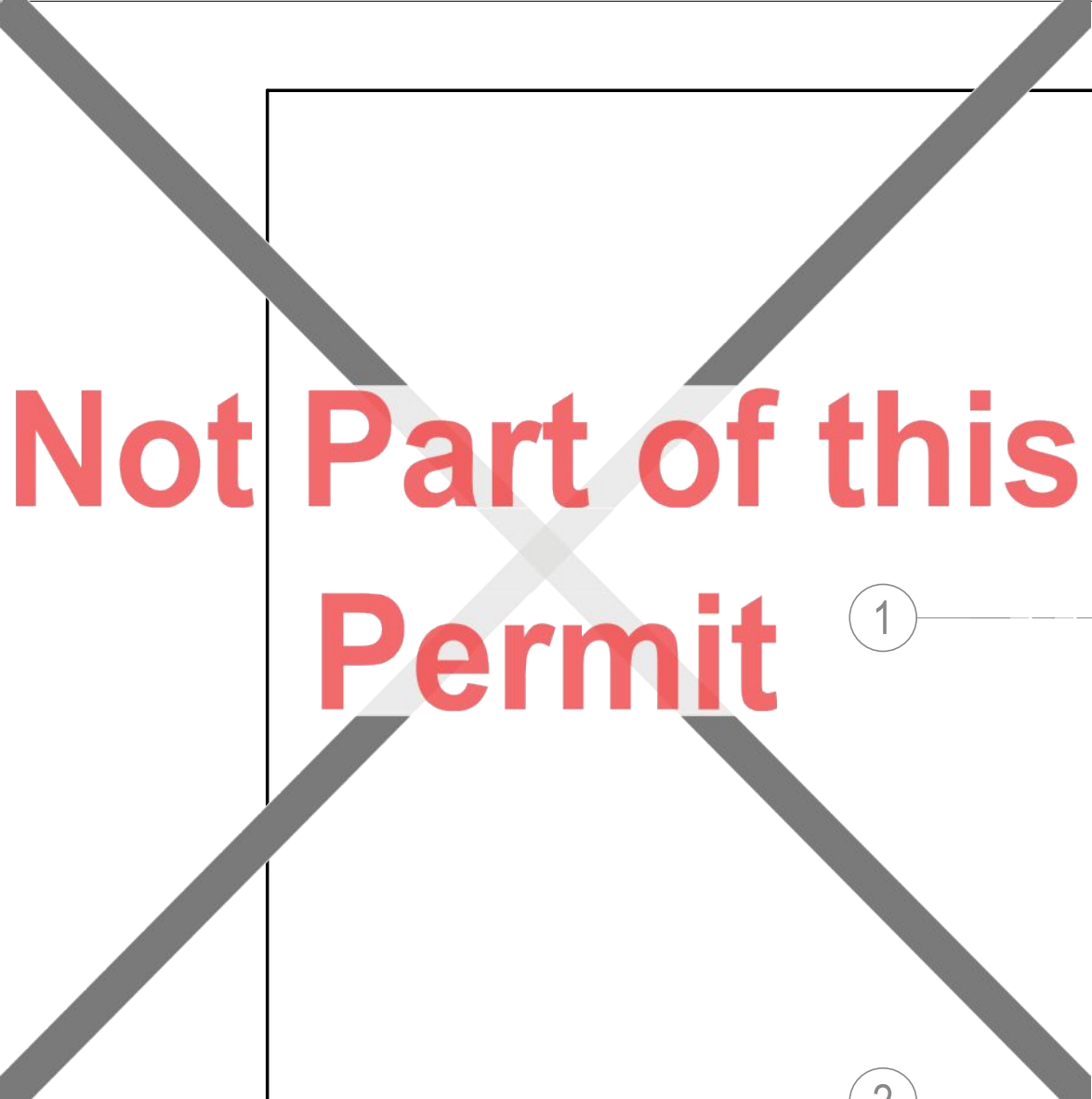
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Title
FIRE PROTECTION OVERALL PLAN -
BASEMENT - NEW WORK

Project No. 135901073	Scale As indicated
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Revision **C** Drawing No. **M-501**

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2 FIRE PROTECTION OVERALL PLAN - LEVEL 1-DEMOLITION
MD-502 1 : 100

- KEYED NOTES**
1. EXISTING FP BRANCH TO REMAIN.
 2. REMOVE EXISTING SPRINKLER HEAD AND ASSOCIATED DROP/ARM/OVER CONNECTION TILL EXISTING FP BRANCH
 3. REMOVE EXISTING FIRE PROTECTION BRANCH PIPING AS INDICATED. ENSURE CAPPED CONNECTIONS AND MAINTAIN SYSTEM INTEGRITY FOR REMAINING PIPING.
 4. DEMO AS SHOWN IN CEILING SPACE TO REROUTE THE MAIN CONNECTION PER M-502



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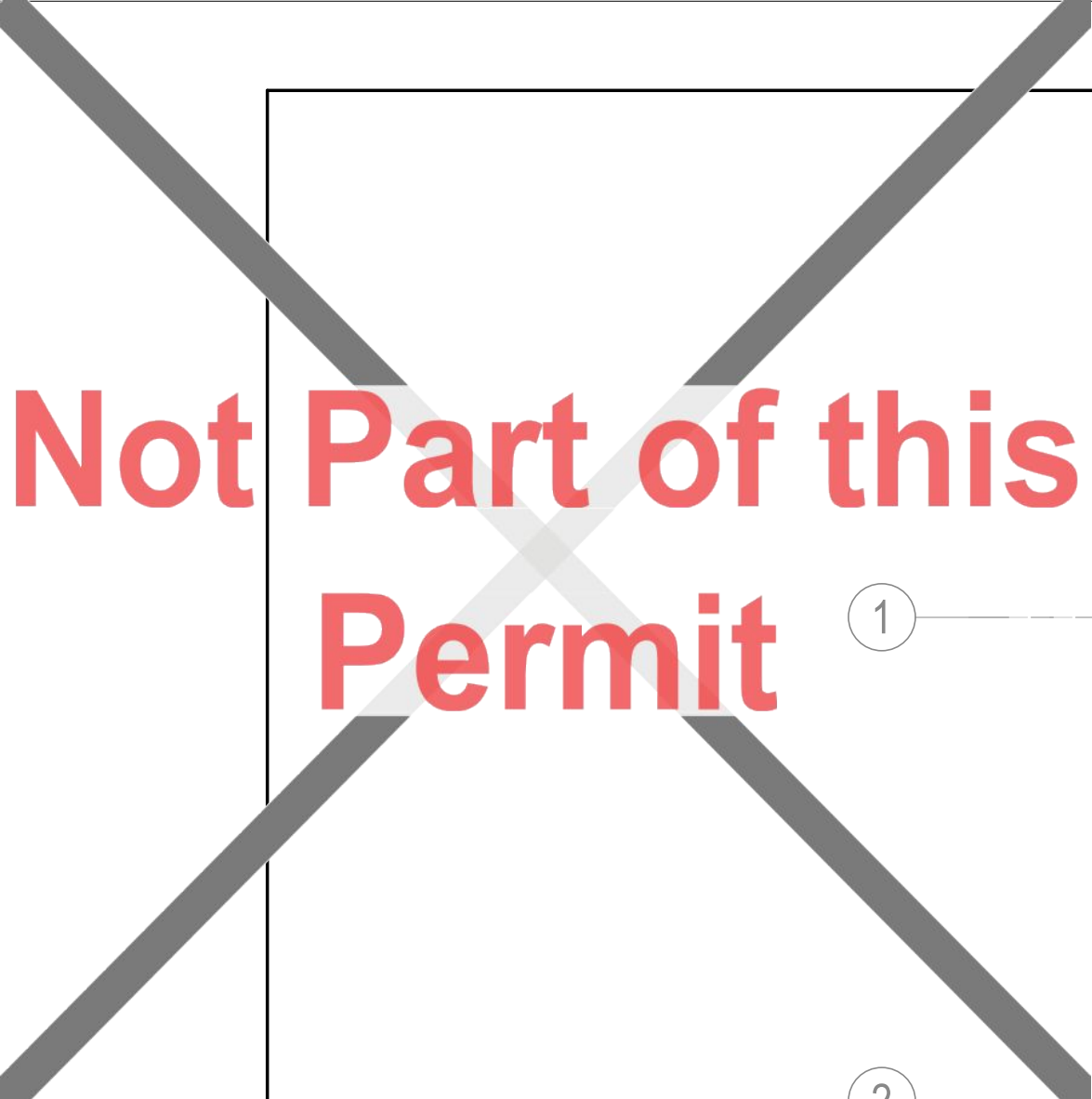
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Title
FIRE PROTECTION OVERALL PLAN -
LEVEL 1 - DEMOLITION

Project No. 135901073	Scale As indicated
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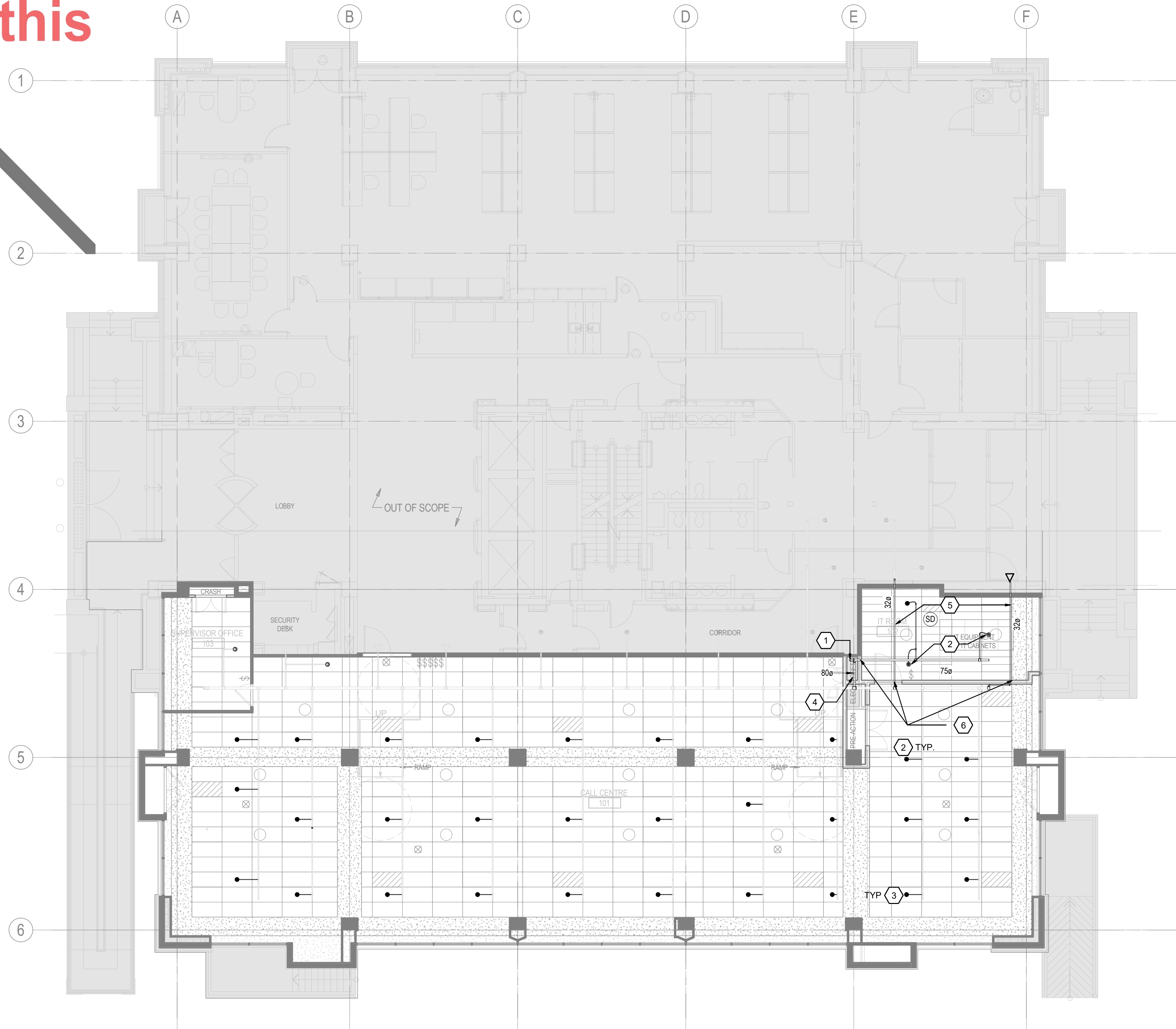
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1 M-502 FIRE PROTECTION OVERALL PLAN - LEVEL 1 NEW WORK 1 : 100

- DRAINAGE NOTES: PRELIMINARY**
1. ENSURE ALL CRITICAL EQUIPMENT IS PROTECTED FROM CONSTRUCTION.
 2. PROVIDE ADEQUATE FIRE WATCH PROVISIONS. UNTIL NEW SYSTEM IS INSTALLED, VERIFIED AND OPERATIONAL.
 3. FIRE PROTECTION CONTRACTOR SHALL PERFORM AND PROVIDE ALL NECESSARY HYDRAULIC CALCULATIONS IN ACCORDANCE TO NFPA 13 AND IN COMPLIANCE WITH THE LOCAL AUTHORITIES HAVING JURISDICTION.
 4. ALL NEW SPRINKLER AND DOUBLE INTERLOCK PRE-ACTION SYSTEM INSTALLATIONS, TESTING AND VERIFICATION SHALL BE IN COMPLIANCE WITH NFPA 13.
 5. INSTALL NEW PRE-ACTION SPRINKLER PIPE, HANGERS AND SPRINKLER HEADS. SPRINKLER PIPE SIZING AND SPRINKLER HEAD LAYOUT, DENSITY AND SPACING TO BE COORDINATED AND INSTALLED BASED ON FIRE PROTECTION CONTRACTORS SEALED HYDRAULIC CALCULATIONS. FLUSH AND PRESSURE TEST ALL NEW PIPING.
 6. INSTALL THE NEW PRE-ACTION NITROGEN SUPPLY SYSTEM AND TRIMMINGS. IDENTIFY AND COORDINATE THE INSTALLATION OF ALL REQUIRED DIV. 26 POWER AND BASE BUILDING FIRE ALARM SUPERVISORY/TROUBLE REQUIREMENTS.
 7. UPON APPROVAL FROM THE LOCAL AUTHORITY HAVING JURISDICTION, ISOLATE THE FIRE PROTECTION SUPPLY MAIN AND NEW PRE-ACTION FIRE LINE CONNECTION. THE NEW FIRE LINE CONNECTION SIZE IS TO BE IN ACCORDANCE WITH THE FIRE PROTECTION CONTRACTORS HYDRAULIC CALCULATIONS.
 8. INSTALL NEW PRE-ACTION SPRINKLER TEE ASSEMBLY C/W SUPERVISORY VALVES, MAIN TIE INTO THE BUILDING FIRE PROTECTION WATER SUPPLY AND CONNECTION TO THE NEW PRE-ACTION SPRINKLER ZONE PIPING.
 9. COMPLETE ALL MECHANICAL FIELD CONNECTIONS AS PER MANUFACTURER'S SPECIFICATIONS, AND IN COMPLIANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
 10. PROVIDED EACH NEW SPRINKLER ZONE WITH AN INSPECTORS TEST ASSEMBLY AND CAPPED DRAIN VALVE. CONNECTION TO EACH PRE-ACTION ZONE IS TO BE DETERMINED BY THE FIRE PROTECTION CONTRACTOR. LOCATE INSPECTOR DRAIN IN MECHANICAL ROOMS.
 11. COMPLETE ALL NECESSARY FIRE ALARM SUPERVISORY, TROUBLE AND CONTROLS WIRING BETWEEN THE NEW PRE-ACTION DEVICES, SYSTEMS AND RESPECTIVE CONTROL PANELS IN COMPLIANCE WITH NFPA 20, NFPA 201, CANULC 5524 & 5537 AND LOCAL AUTHORITIES HAVING JURISDICTION.
 12. NEW DOUBLE INTERLOCK PRE-ACTION SYSTEMS SHALL BE INTEGRATED INTO, AND COORDINATED WITH, THE EXISTING FIRE ALARM SYSTEM AS NEW ZONES.

KEYED NOTES

1. NEW SPRINKLER PIPE FROM BELOW. X-RAY SLAB PRIOR TO CORING.
2. RECESSED PENDANT SPRINKLER HEADS WITH 6" FLEX CONNECTOR AND ESCUCHON (TYP.)
3. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN (RCP). ALIGN NEW PENDANT SPRINKLER HEADS WITH NEW CEILING GRID LAYOUT. VERIFY FINAL TILE CENTER LOCATIONS PRIOR TO ROUGH-IN.
4. REROUTE EXISTING MAIN FIRE PROTECTION CONNECTION SERVING THE OPERATION HALL AS SHOWN TO AVOID THE UPS ROOM FIRE-RATED WALL.
5. INSTALL NEW CONTINUOUS FIRE PROTECTION PIPE SEGMENT THROUGH THE IT ROOM WITHOUT ANY JOINTS IN ITS RUN THROUGH IT ROOM.
6. PENETRATION THROUGH FIRE-RATED WALL. COORDINATE WITH ARCHITECTURAL DRAWINGS AND REFER TO DETAIL 4/M901 FOR INSTALLATION REQUIREMENTS.



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Notes

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C	ISSUED FOR BUILDING PERMIT	SY	GF	2026.04.02
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Title

FIRE PROTECTION OVERALL PLAN -
LEVEL 1 - NEW WORK

Project No.
135901073

Scale

Revision
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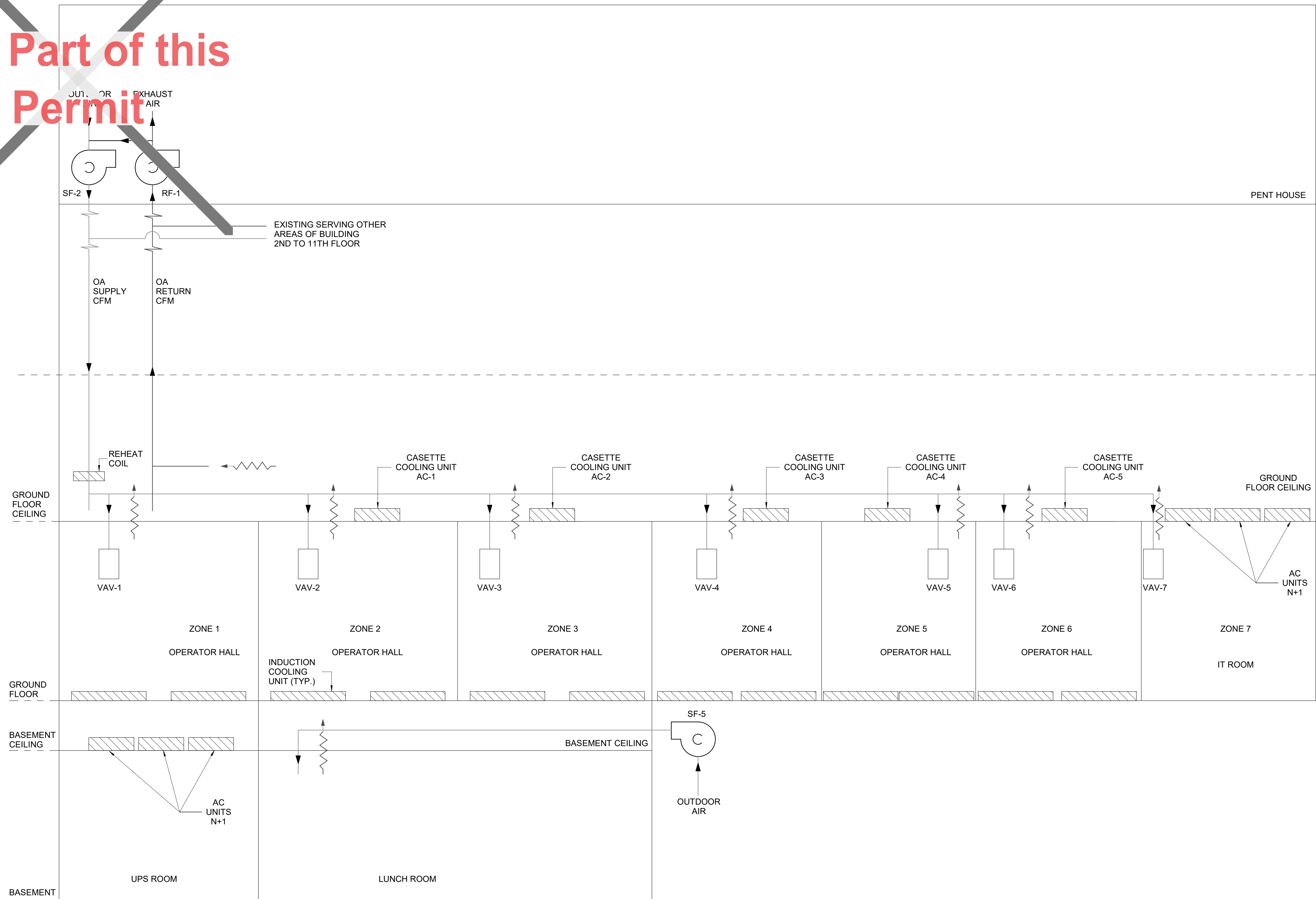
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M-502



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The diagram illustrates a confined space entry permit system. It features two pumps, SF-2 and RF-1, connected to a central manifold. SF-2 is labeled 'JUNIOR' and RF-1 is labeled 'EXHAUST AIR'. The diagram is overlaid with a large red 'X' and the text 'Not Part of this Permit'.



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Title
VENTILATION SCHEMATIC

Project No.

135901073

Revision
C

Scale

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M-601

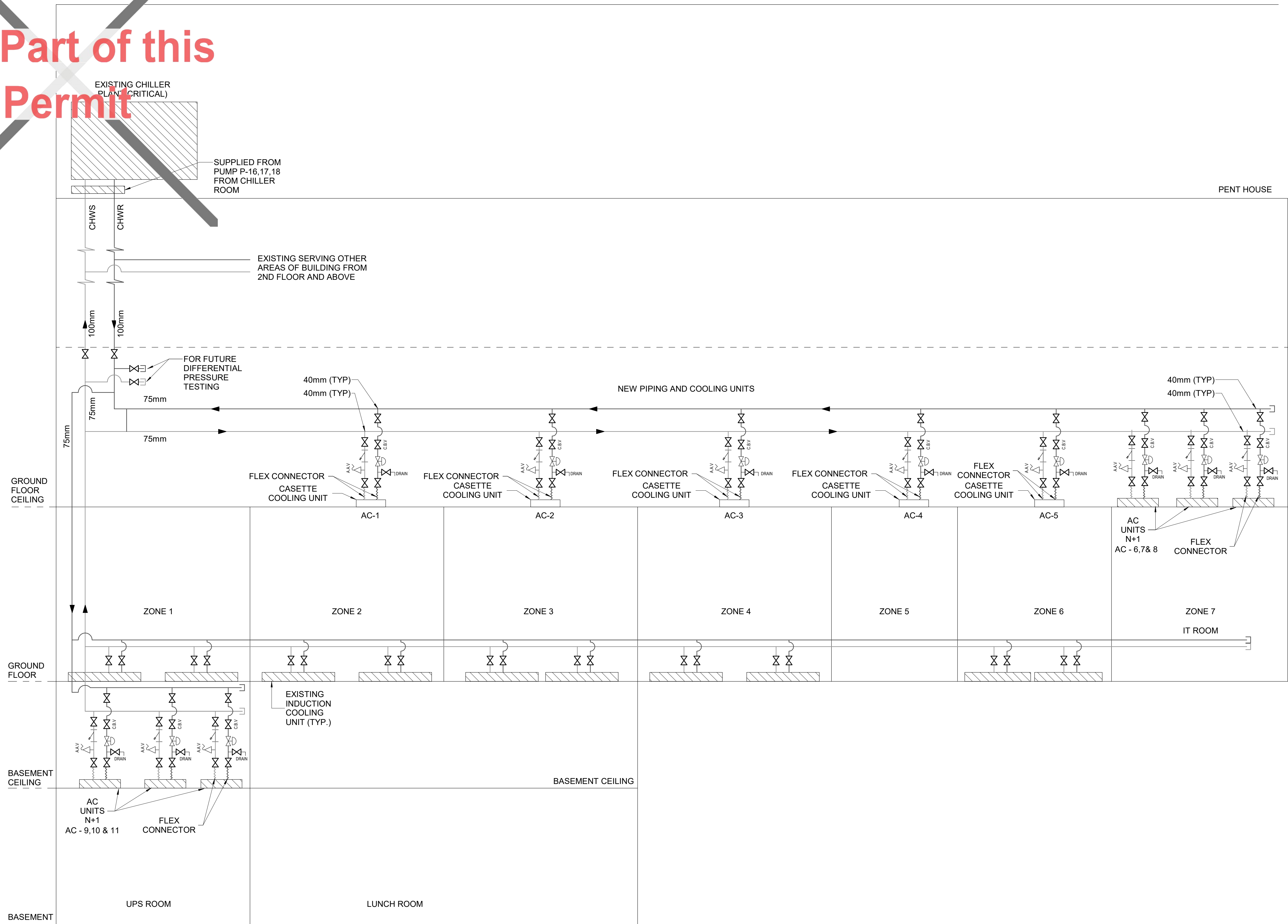
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EXISTING CHILLER PLANT (CRITICAL)

SHWS

SHWR



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Notes

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A	ISSUED FOR 50% REVIEW	SY	GF	2026.01.30

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File Name: N/A	Author	SY	VPW	10/07/25
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TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title

CHILLED WATER PIPING SCHEMATIC

Project No.

O.

Scale

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Revisio

Drawing No.

M-602



1

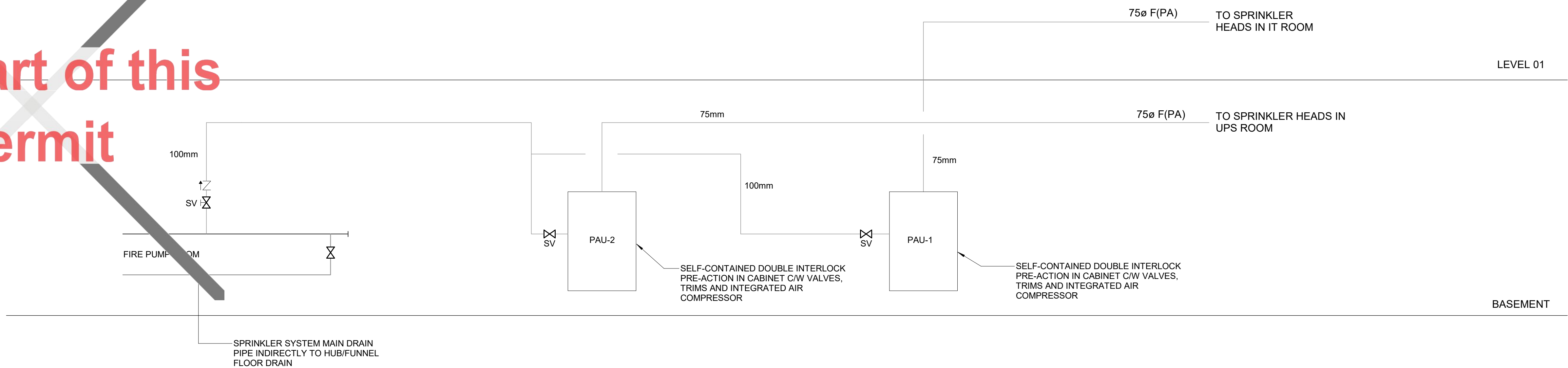
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FIRE PUMP ROOM

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FIRE PROTECTION SCHEMATIC

N.T.S.

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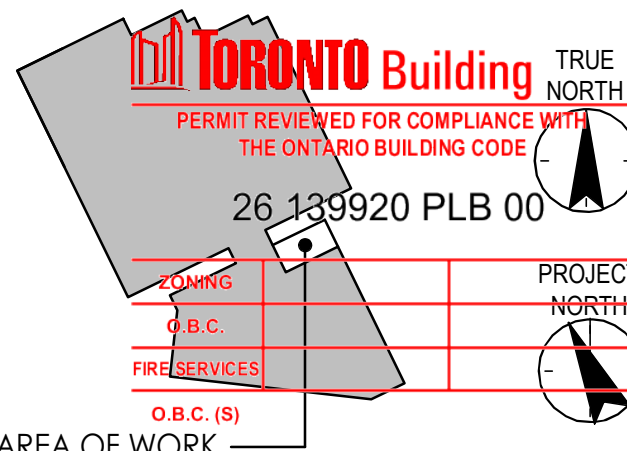


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KEY PLAN



Notes

C	ISSUED FOR BUILDING PERMIT	SY	GF	2026.04.02
B	ISSUED FOR 80% REVIEW	SY	GF	2026.03.06
A	ISSUED FOR 50% REVIEW	SY	GF	2026.01.30

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TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title
FIRE PROTECTION SCHEMATICS

Project No.

135901073

Revision

C

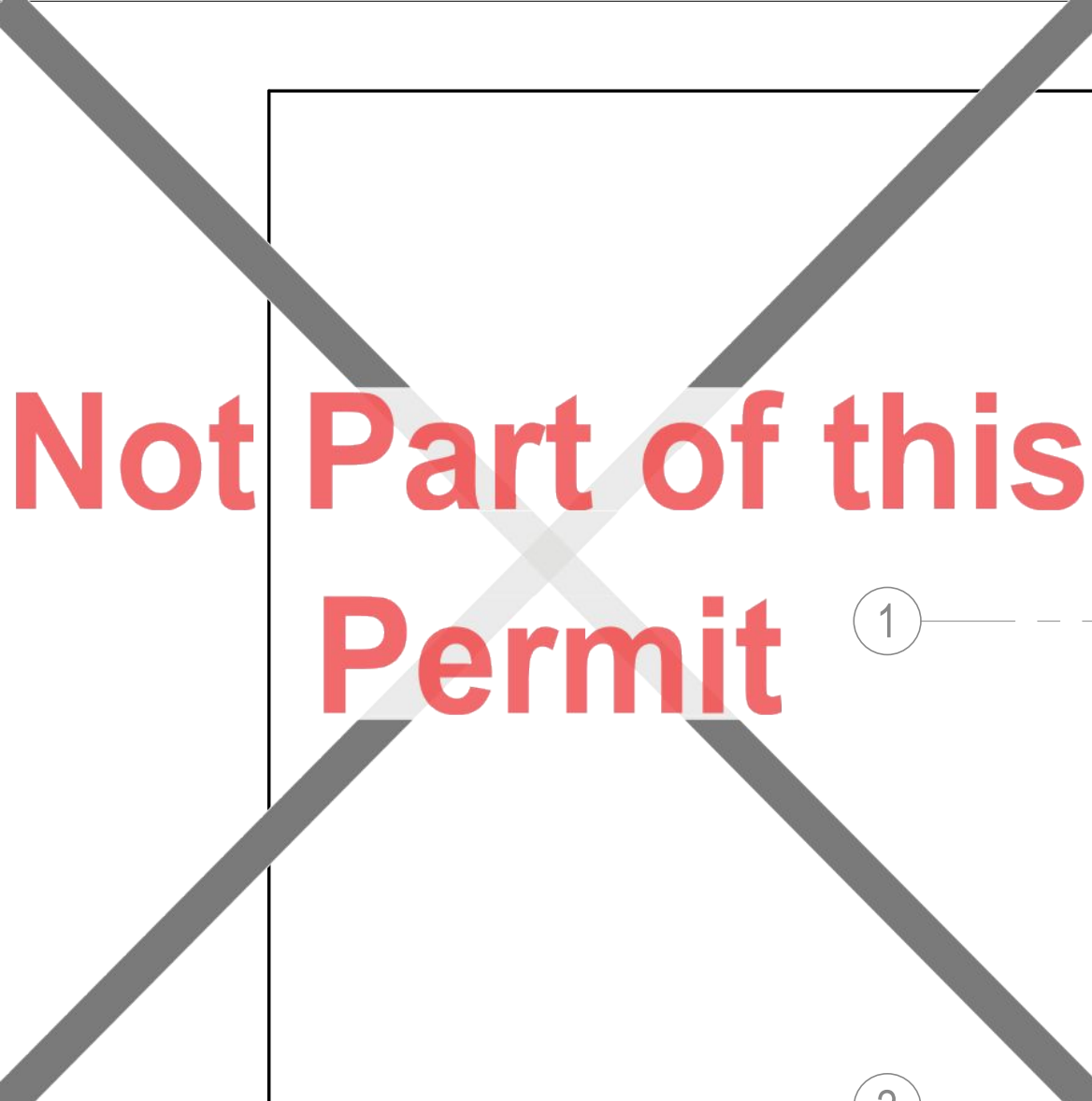
Scale

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Drawing No.

M-603

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① ———

②



2 BAS OVERALL PLAN - BASEMENT

<u>KEYED NOTES</u> 1. TEMPERATURE SENSOR CONNECTED TO AC UNIT (TYP.) AND BAS



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BAS OVERALL PLAN - BASEMENT

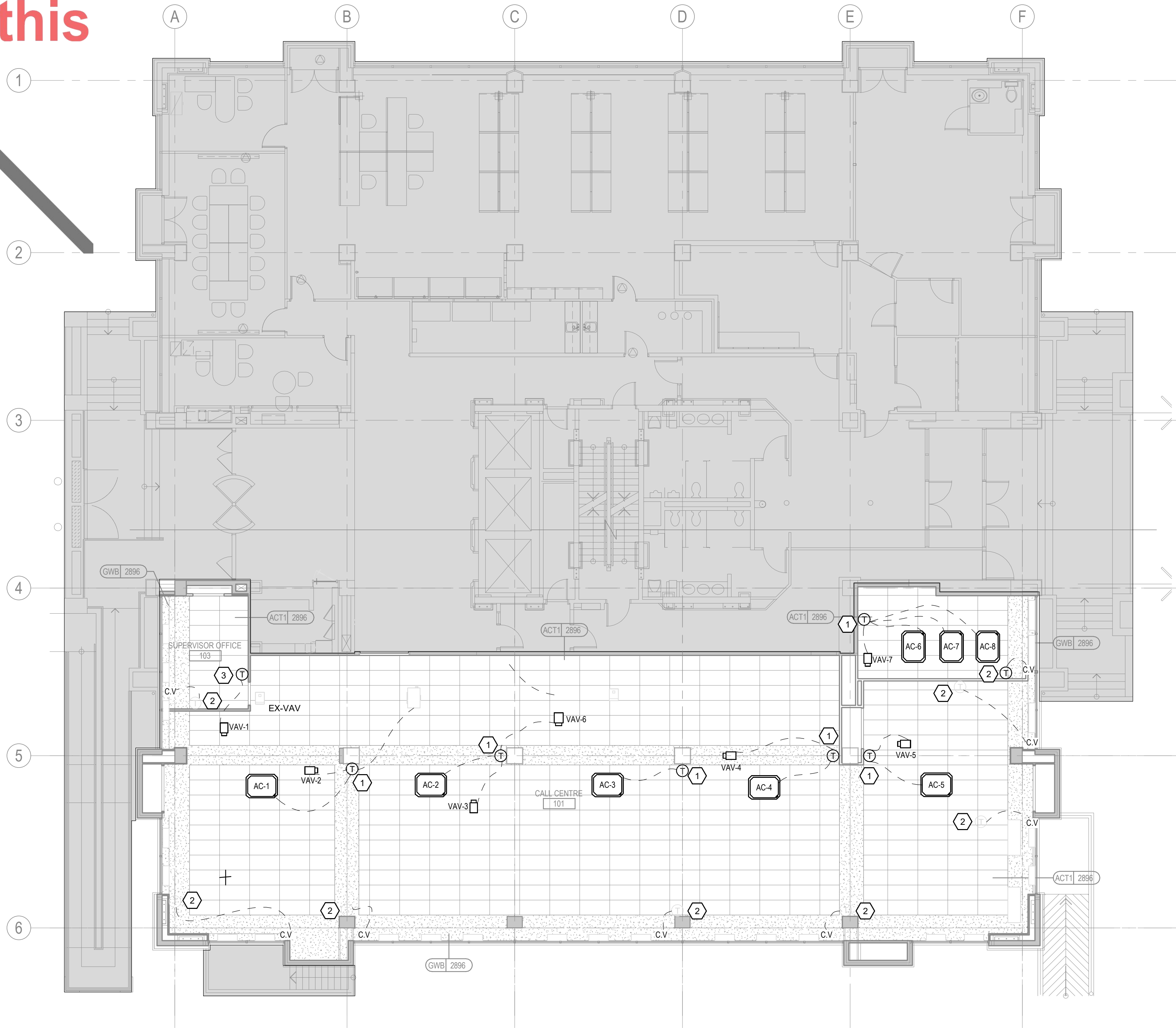
Project No. 135901073	Scale As indicated
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Revision	Drawing No.
C	

M-701



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1 BAS OVERALL PLAN - LEVEL 1
M-702 1 : 100

KEYED NOTES

1. NEW TEMPERATURE SENSOR CONNECTED TO AC UNIT (TYP.), VAV & BAS
2. EXISTING TEMPERATURE SENSOR CONNECTED TO CONTROL OF INDUCTION UNITS. TEMPERATURE SENSOR LOCATED ON DEMOLITION SURFACE SHALL BE PROTECTED AND MAINTAINED. CONTRACTOR SHALL INCLUDE COST FOR DISCONNECTION, RELOCATION, AND REINSTALLATION AS REQUIRED TO SUIT NEW WORK.
3. NEW TEMPERATURE SENSOR FOR SUPERVISOR OFFICE CONNECTED TO BAS & VAV



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TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION
703 Don Mills Road
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Title
BAS OVERALL PLAN - LEVEL 1

Project No. 135901073	Scale 1 : 100
Revision C	Drawing No. M-702

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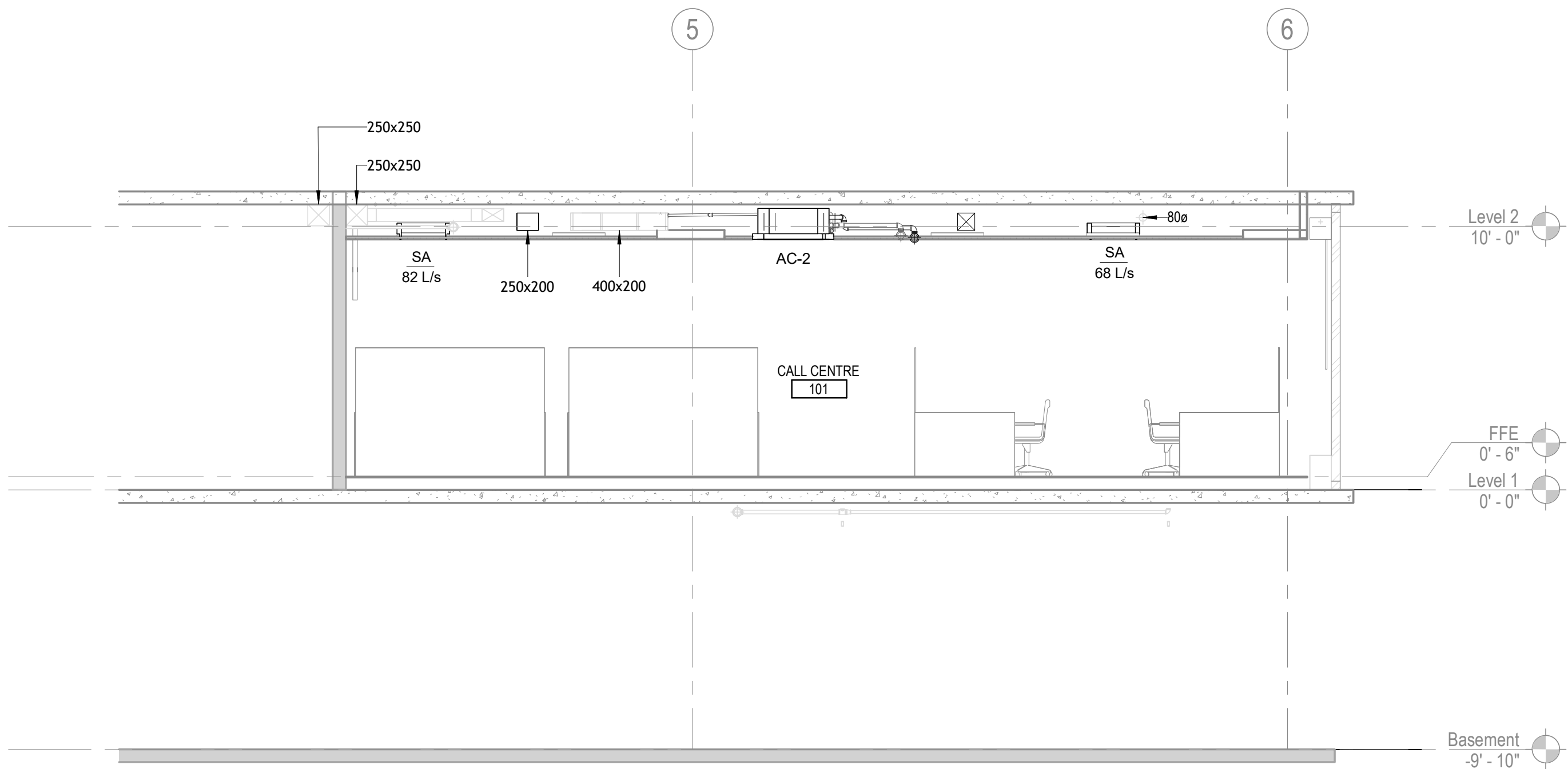
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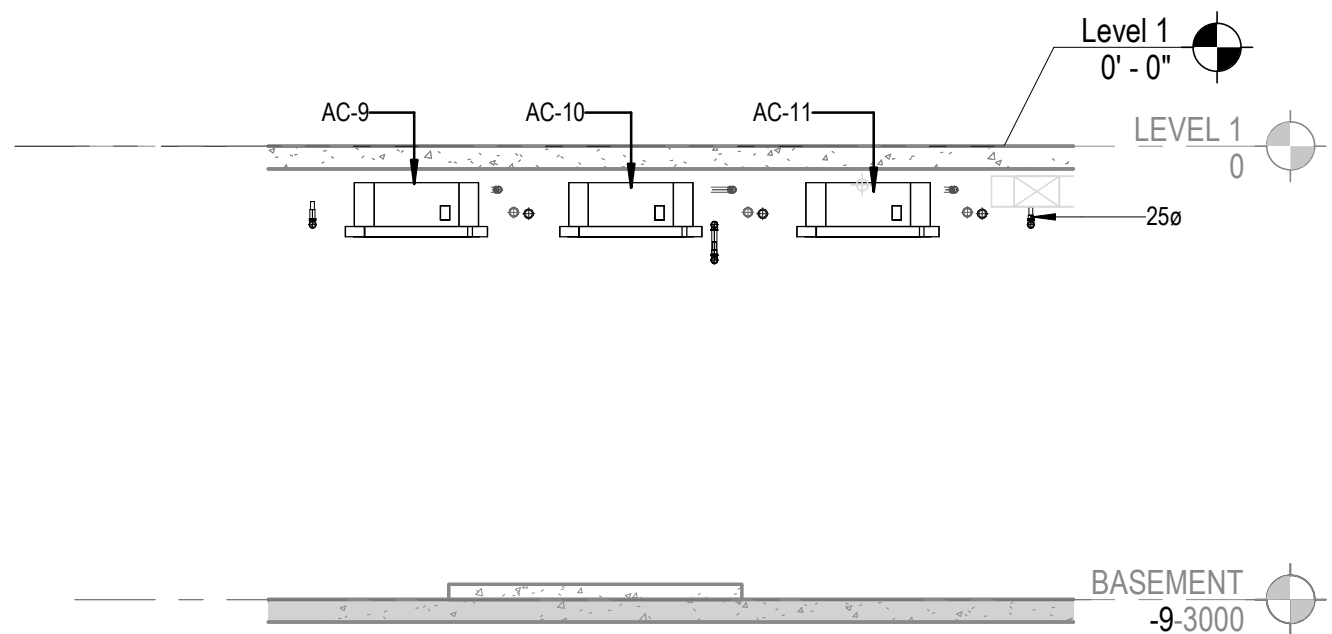
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SECTION AND ISOMETRIC

Project No. 135901073 Scale 1 : 50

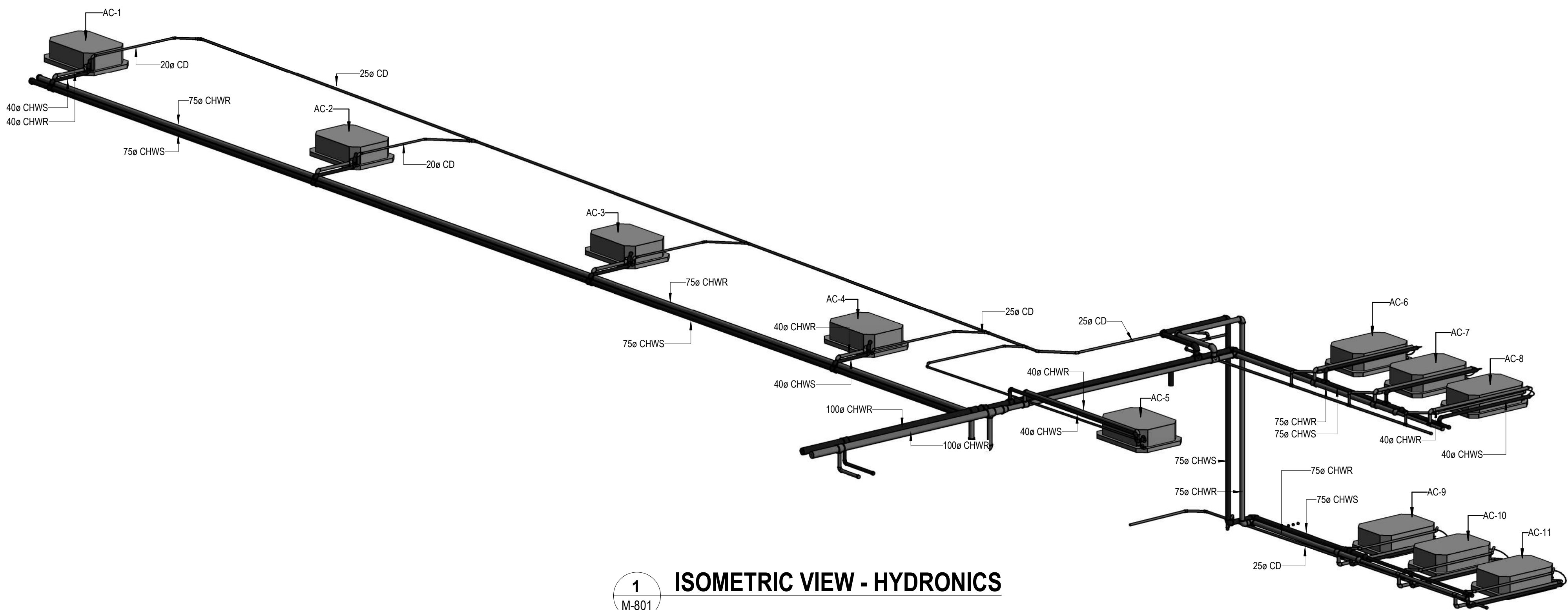
Revision C Drawing No. **M-801**



A SECTION-A
M-801 1 : 50



B SECTION -B
M-801 1:50



1 ISOMETRIC VIEW - HYDRONICS
M-801



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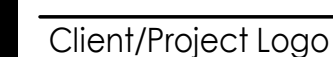
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SECTION AND ISOMETRIC

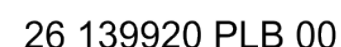
Revision _____ Drawing No. **MA 802**

C M-80

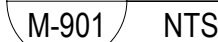
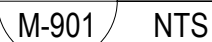
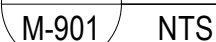
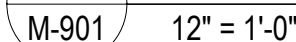
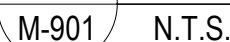
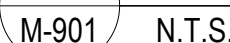
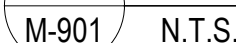
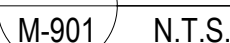




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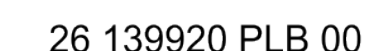


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TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION
703 Don Mills Road
North York, ON

Revision **C** Drawing No. **M-902**





Notes

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				10/07/25
				YYYY.MM.DD

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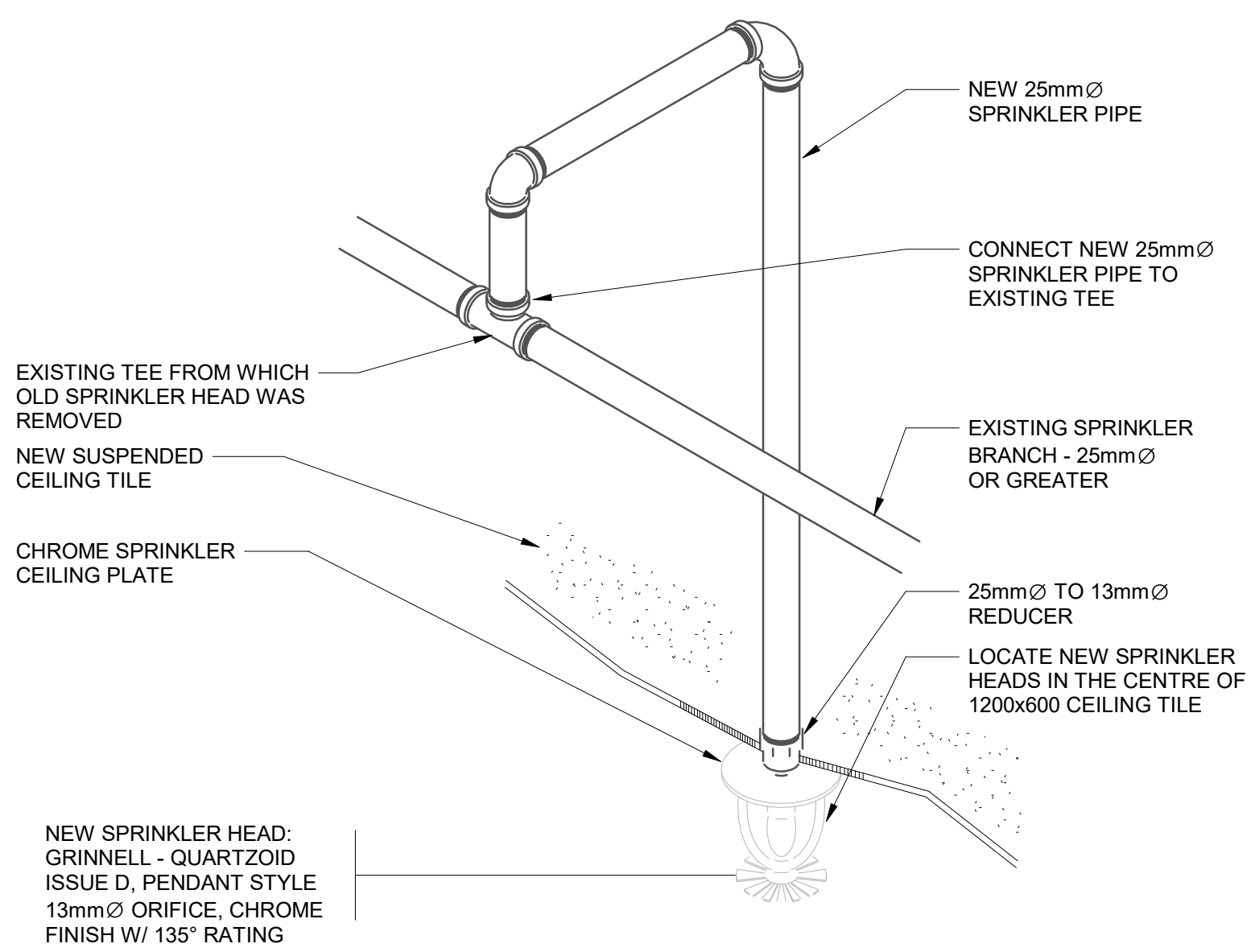


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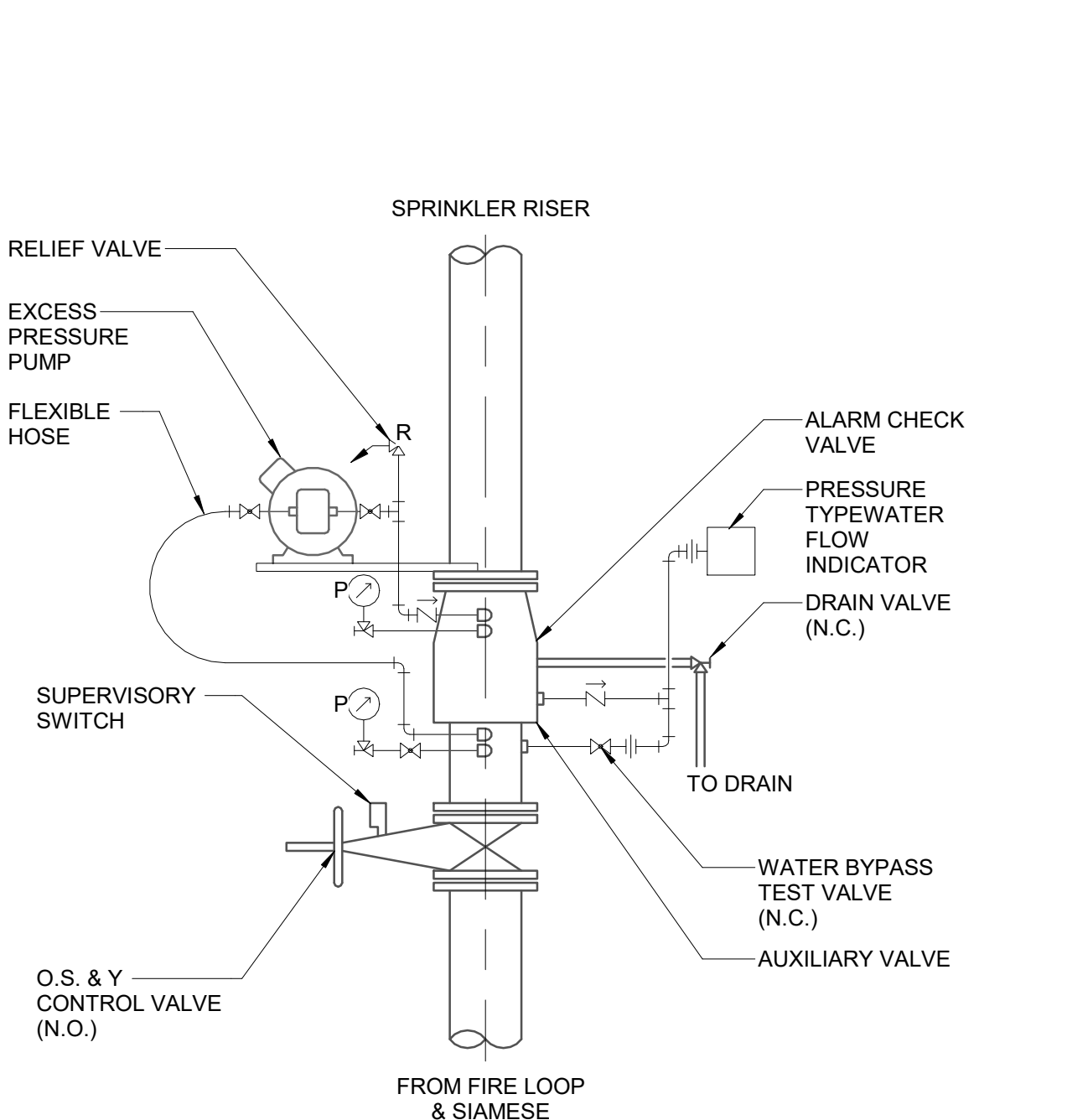
TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION
703 Don Mills Road
North York, ON

Title
MECHANICAL DETAILS

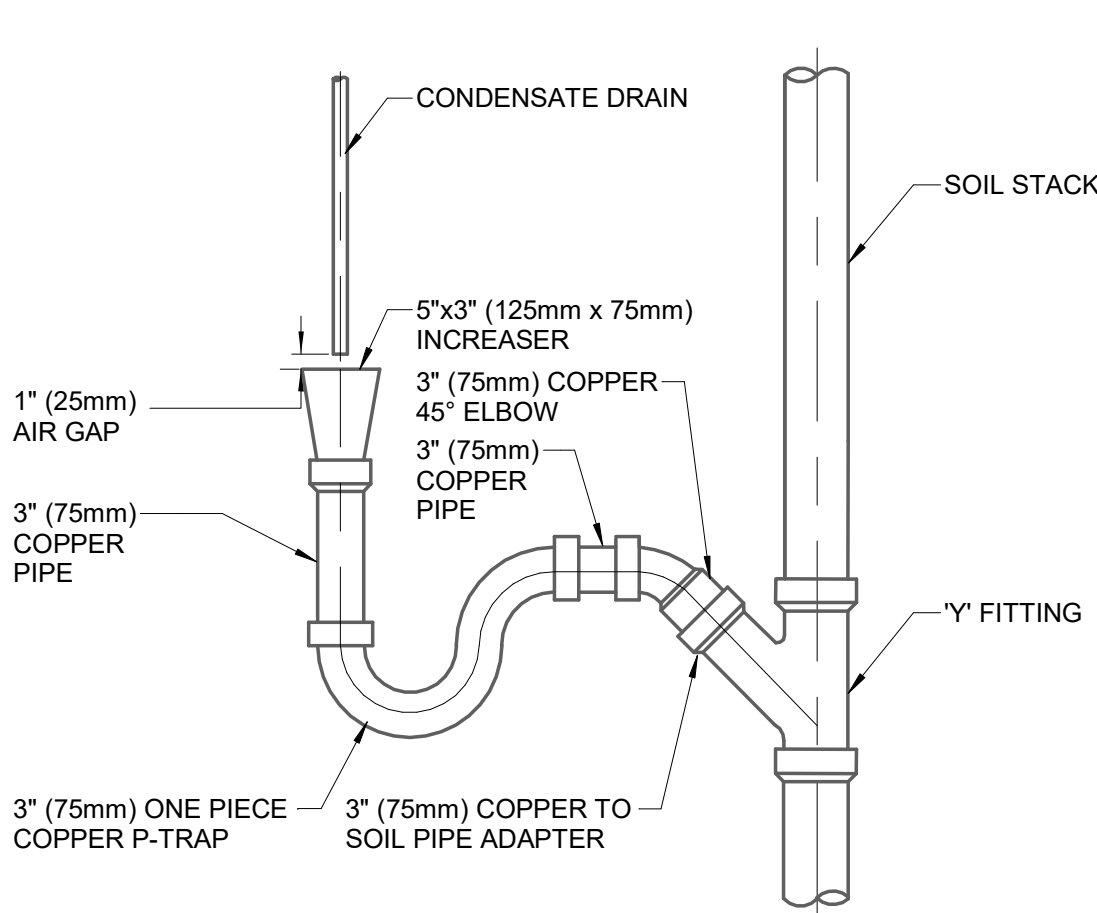


- NOTES:
1. REMOVE ALL UPRIGHT SPRINKLER HEADS IN THE EXPANDED OFFICE AREA (BETWEEN COLUMNS 80 & 92) TO THE NEW PENDANT TYPE SPRINKLERS ON THE T-BAR CEILING. REFER TO SPECIFICATION AND DRAWINGS FOR SPRINKLER TYPE

1 **SPRINKLER HEAD INSTALLATION**
M-904 NTS

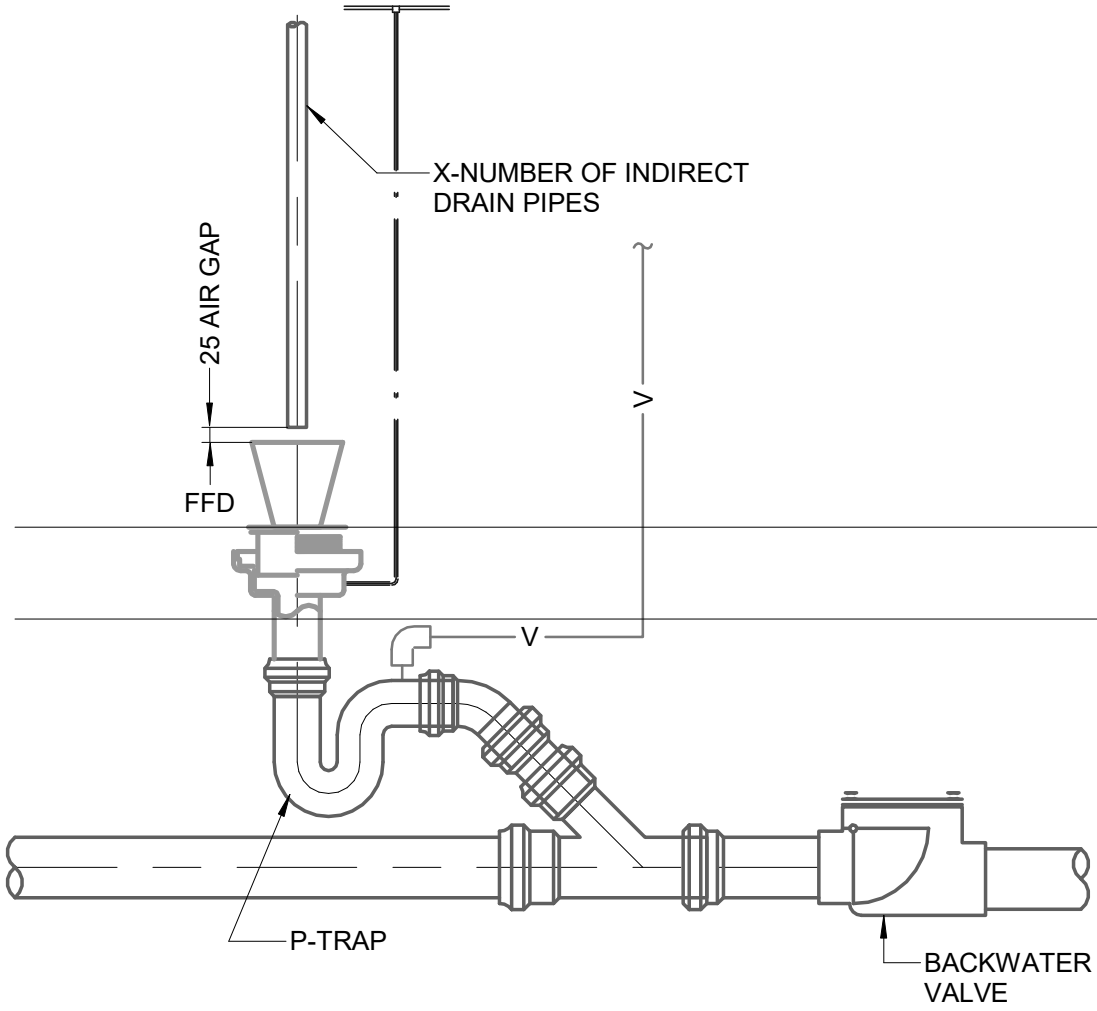


2 **SPRINKLER VALVE ASSEMBLY**
M-904 NTS

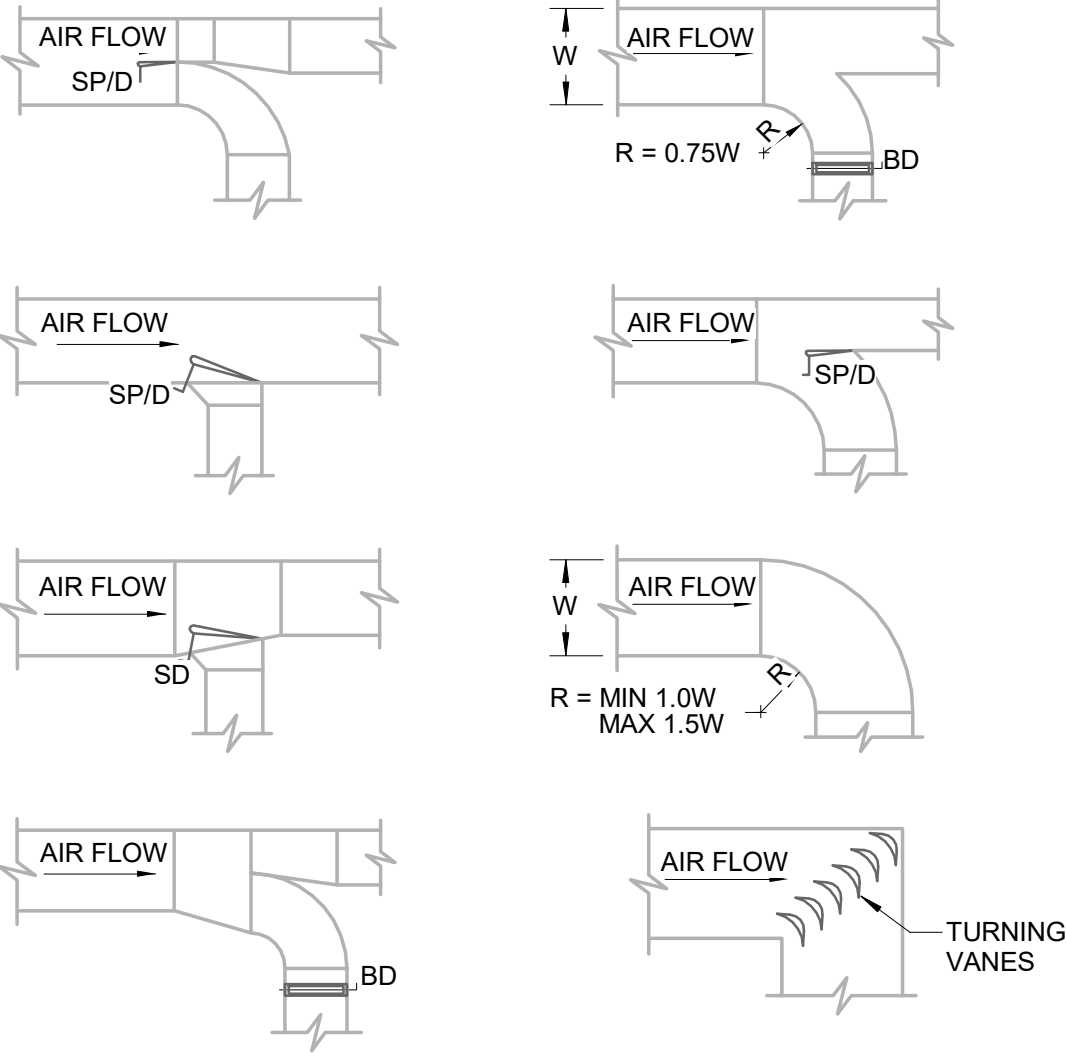


- NOTES:
1. PROVIDE TRAP SEAL PRIMER FROM NEAREST SINK FIXTURE. ALTERNATIVELY, PROVIDE TIMED PRIMER SYSTEM TO THE REQUIREMENTS OF APPLICABLE CODES AND STANDARDS AND AUTHORITIES HAVING JURISDICTION.
 2. DETAIL SIMILAR FOR HORIZONTAL SANITARY DRAIN. ENSURE ADEQUATE SLOPE IS MAINTAINED.

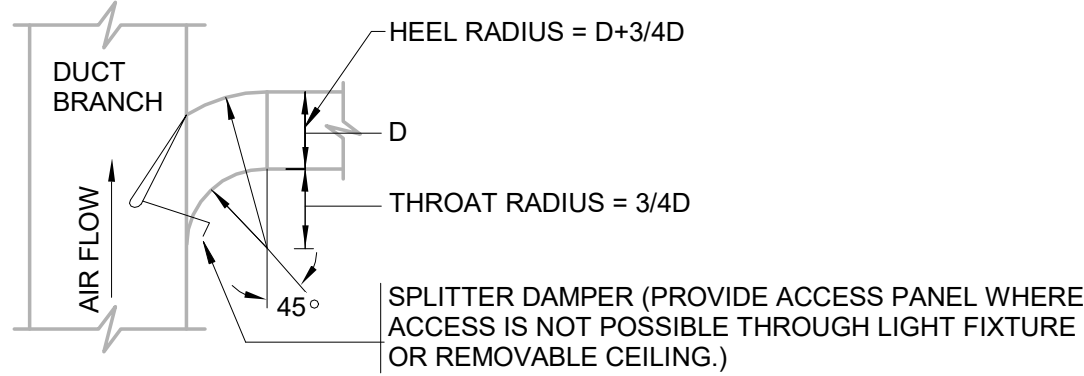
3 **TRAP FOR CONDENSATE DRIP DRAIN**
M-904 NTS



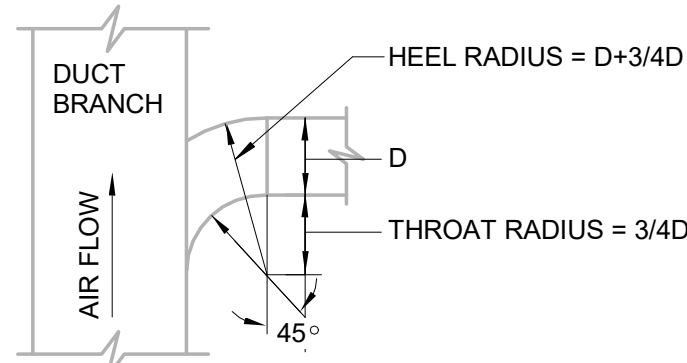
4 **FLOOR FUNNEL DRAIN DETAIL**
M-904 NTS



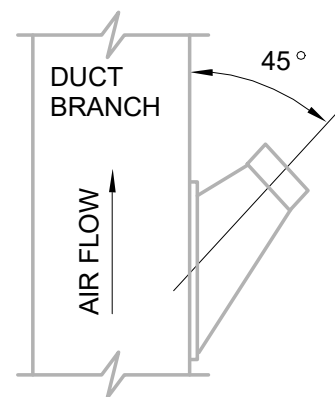
5 **STANDARD DUCT FITTINGS FOR SUPPLY AIR (1)**
M-904 NTS



RECTANGULAR DUCT CONNECTION TO TWO OR MORE DIFFUSERS



RECTANGULAR DUCT CONNECTION TO INDIVIDUAL DIFFUSER



CIRCULAR DUCT CONNECTION TO INDIVIDUAL DIFFUSER

6 **STANDARD DUCT FITTINGS FOR SUPPLY AIR (3)**
M-904 NTS

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File Name: N/A		Author	SY	VPW
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				10/07/25
				YYYY.MM.DD

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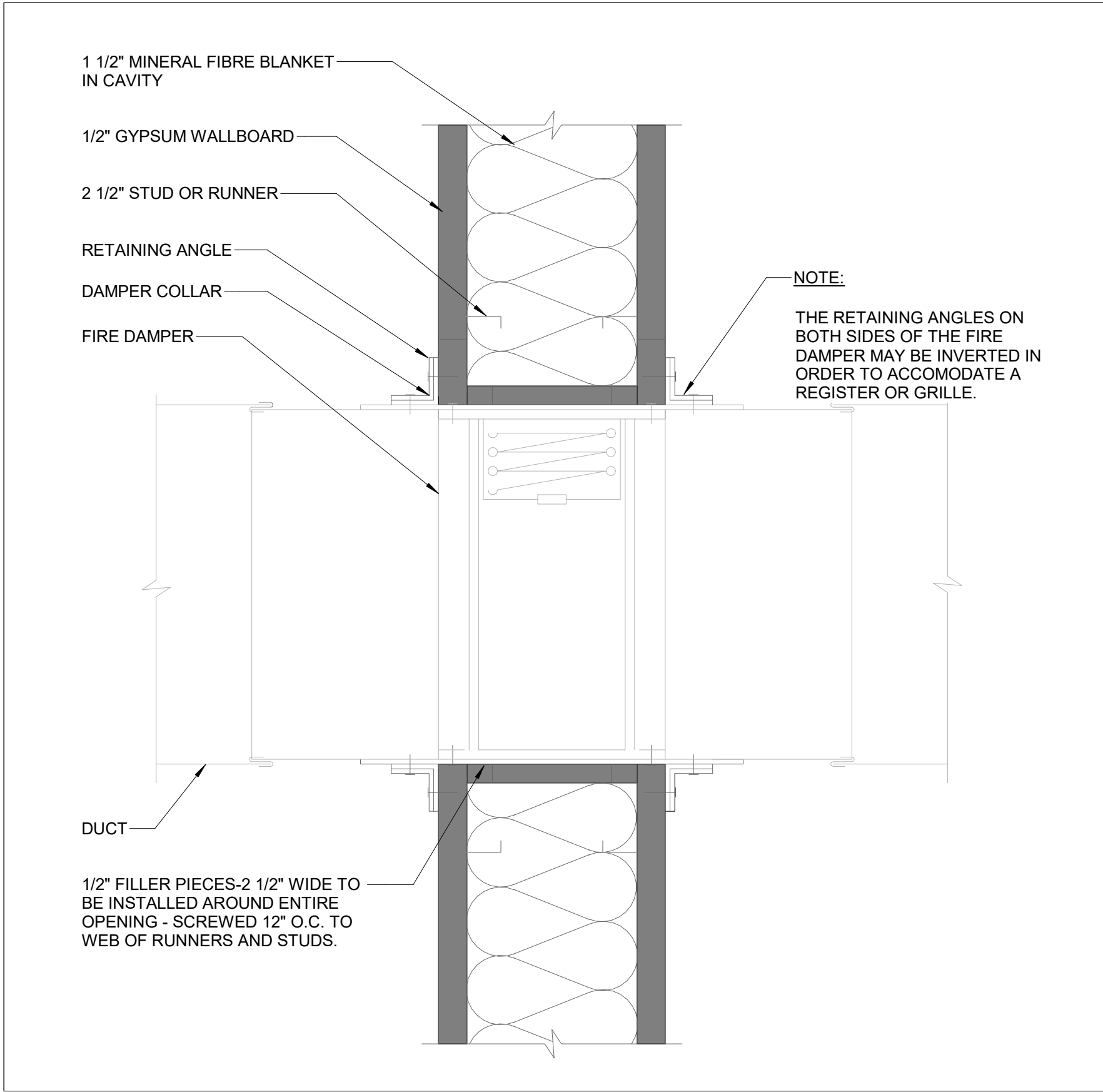
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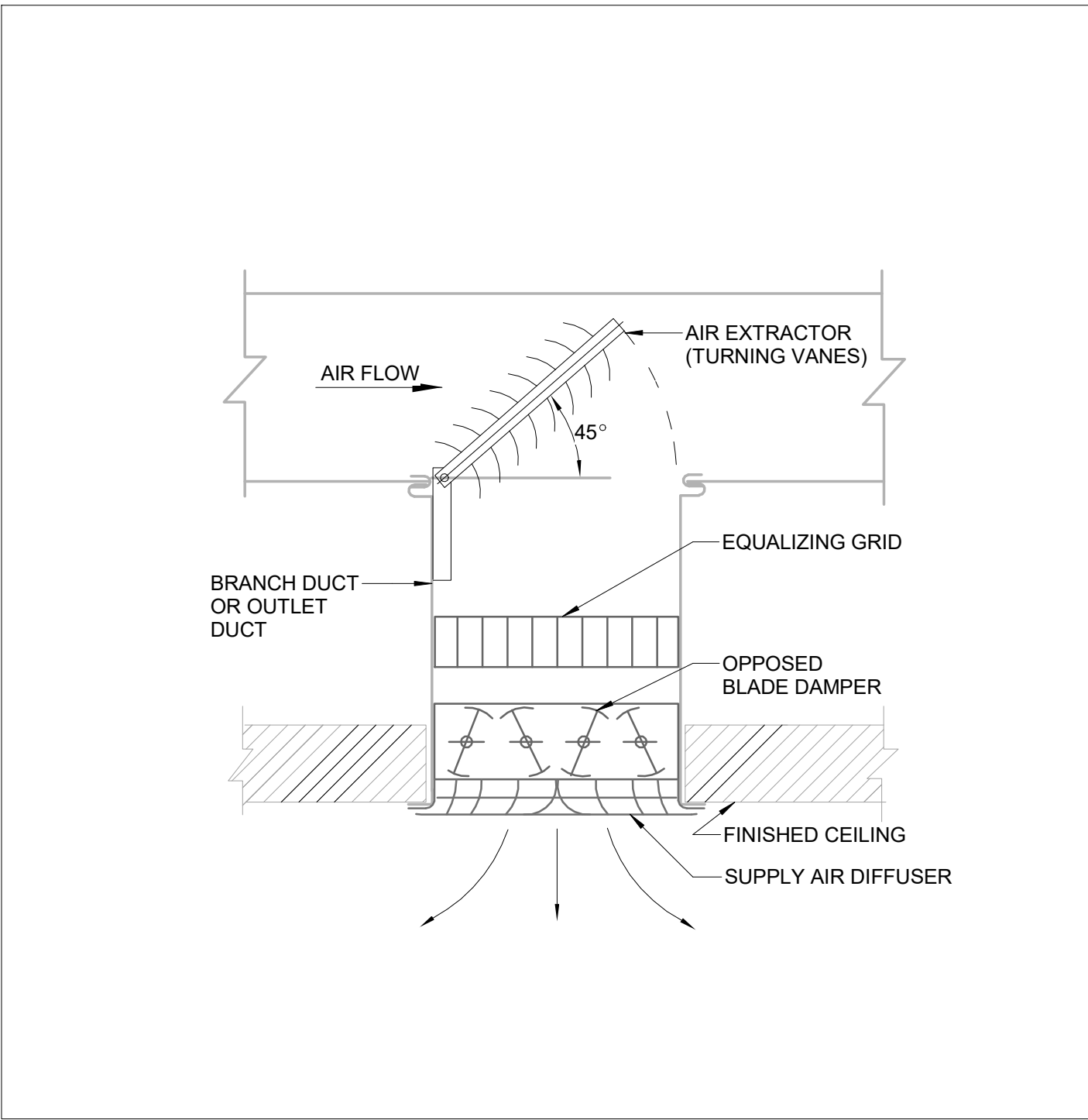
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CACC EXPANSION
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Title
MECHANICAL DETAILS

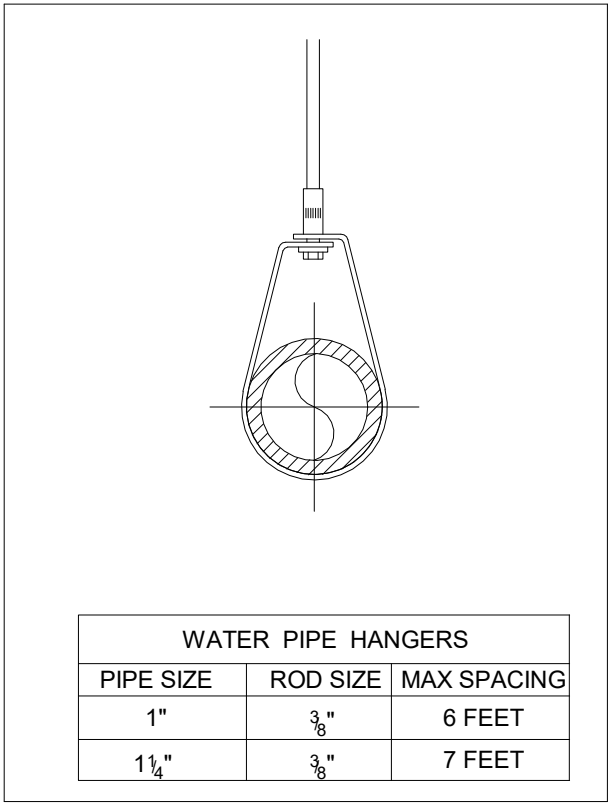
Project No. 135901073 Scale As indicated
Revision C Drawing No. **M-905**
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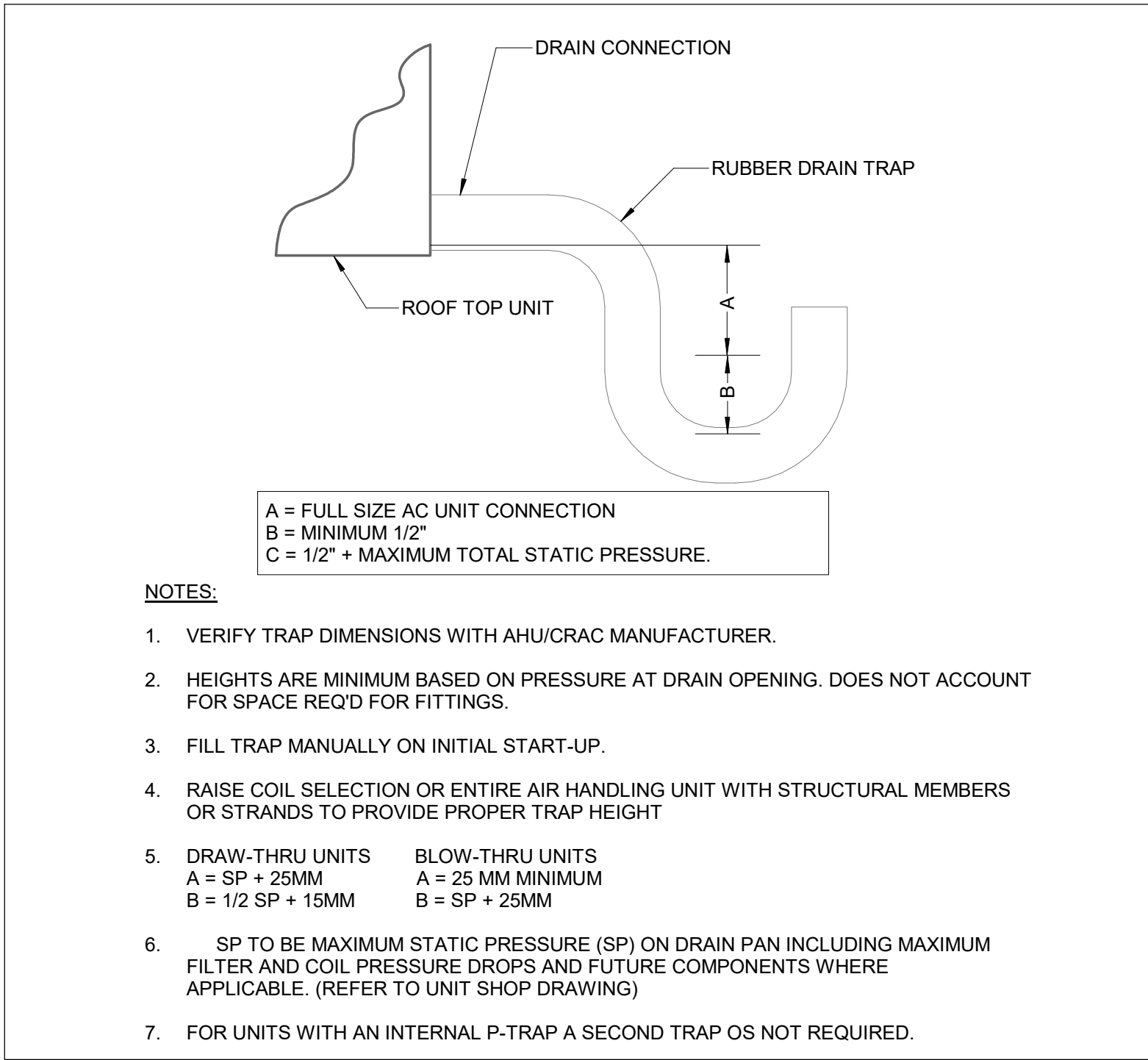
1 TYPICAL TYPE A FIRE DAMPER INSTALLATION (WALL RATING 1 HOUR)
M-905 NTS



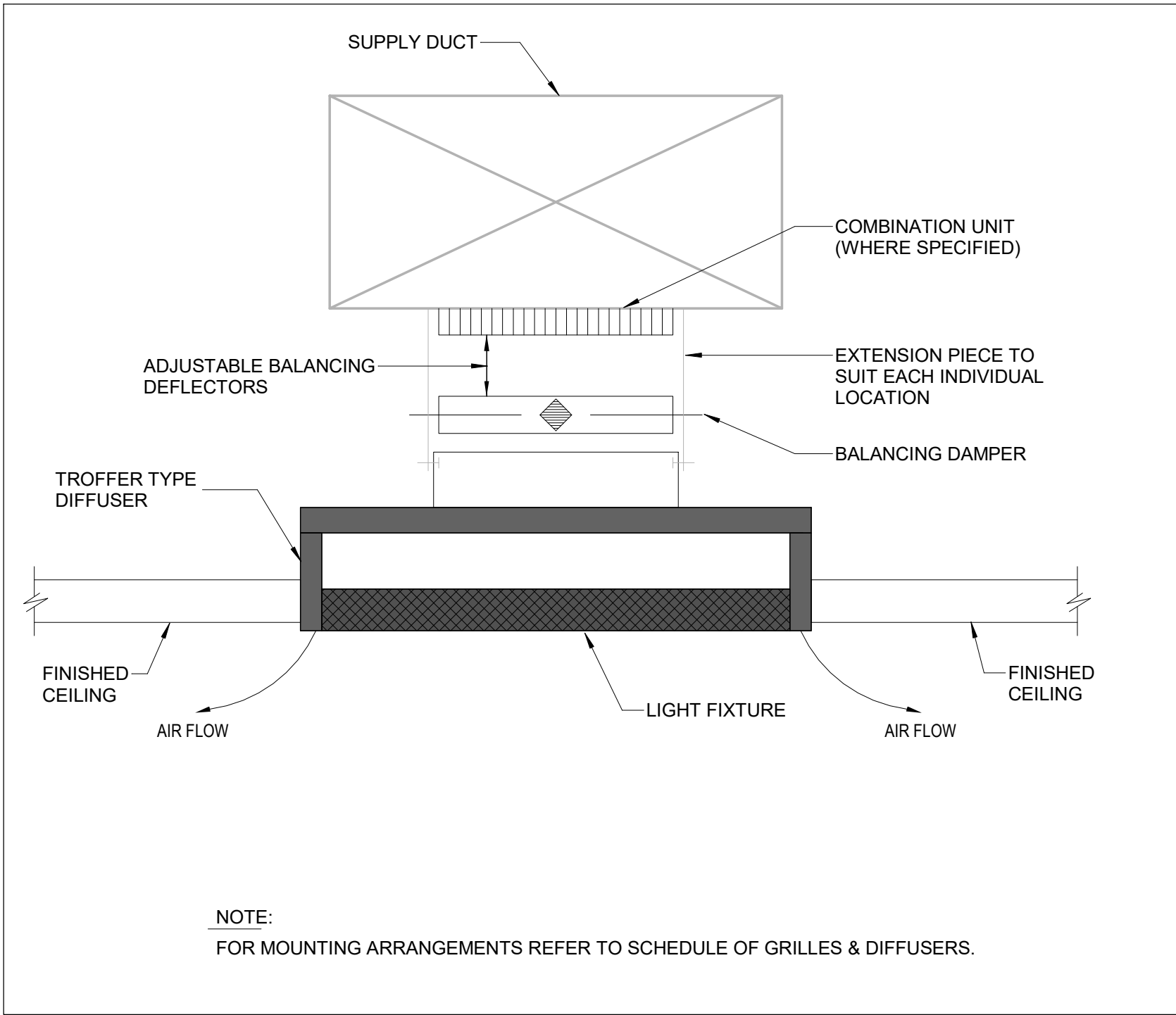
2 TAKEOFFS AND ACCESSORIES TO SUPPLY DIFFUSER
M-905 NTS



3 ADJUSTABLE SWIVEL RING PIPE HANGER
M-905 NTS



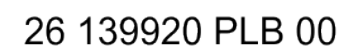
4 CONDENSATE DRAIN TRAP DETAIL
M-905 NTS



5 TYPICAL DETAIL OF CEILING DIFFUSER ARRANGEMENT_1
M-905 NTS



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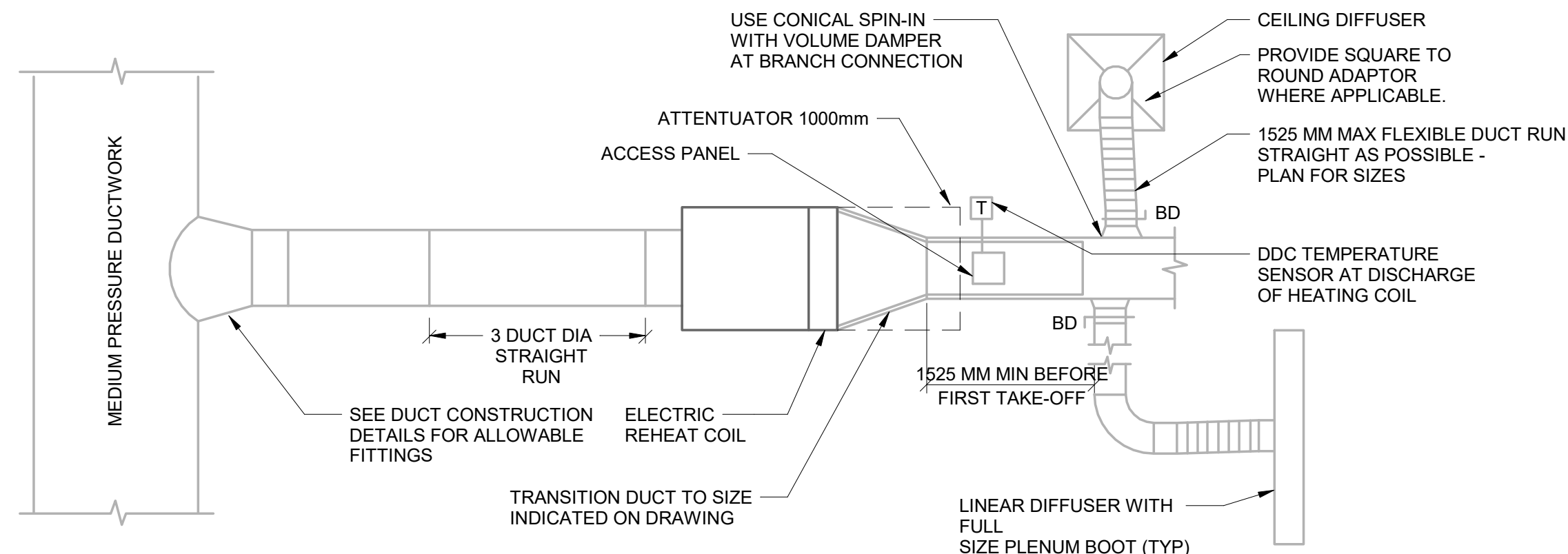
703 Don Mills Road
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Title
MECHANICAL DETAILS

Revision **C** Drawing No. **M-907**

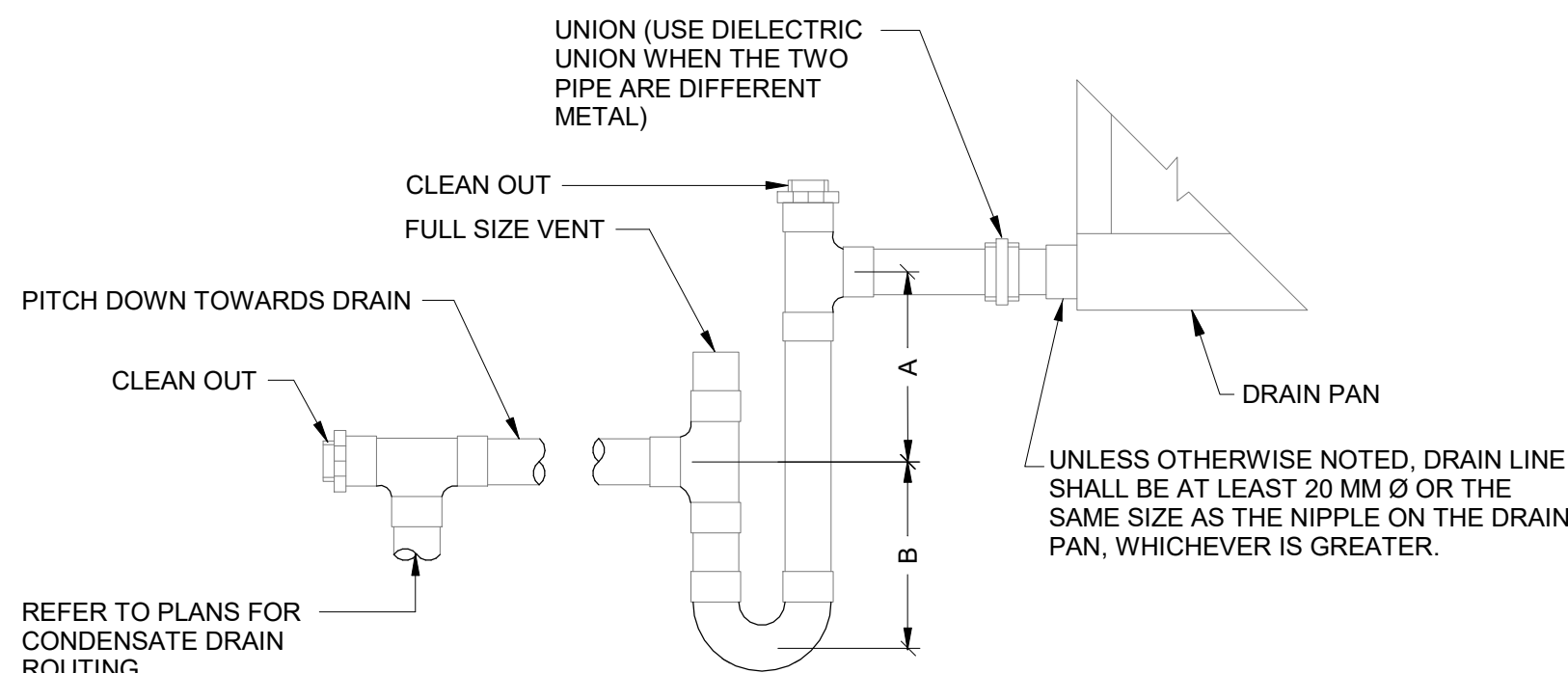
M-907

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1. EXTERNALLY INSULATE TAKE-OFF FITTINGS.
2. ALL DUCTWORK UPSTREAM OF TERMINAL BOX SHALL BE MEDIUM PRESSURE. SEE SPECIFICATIONS.
3. ALL DUCTWORK DOWNSTREAM OF TERMINAL BOX SHALL BE LOW PRESSURE. SEE SPECIFICATIONS.
4. INSTALL 3" DIA OF STRAIGHT DUCT ON INLET SIDE OF TERMINAL BOX OR PROVIDE AIR STRAIGHTENER IF THERE ARE SPACE LIMITATIONS
5. SECURE FLEX DUCT WITH SHEETMETAL SCREWS (2 EACH) AND DRAW BANDS FOR LOW PRESSURE SECTIONS.
6. INSULATE ALL SUPPLY DIFFUSER BACK PANS AND PLENUMS.

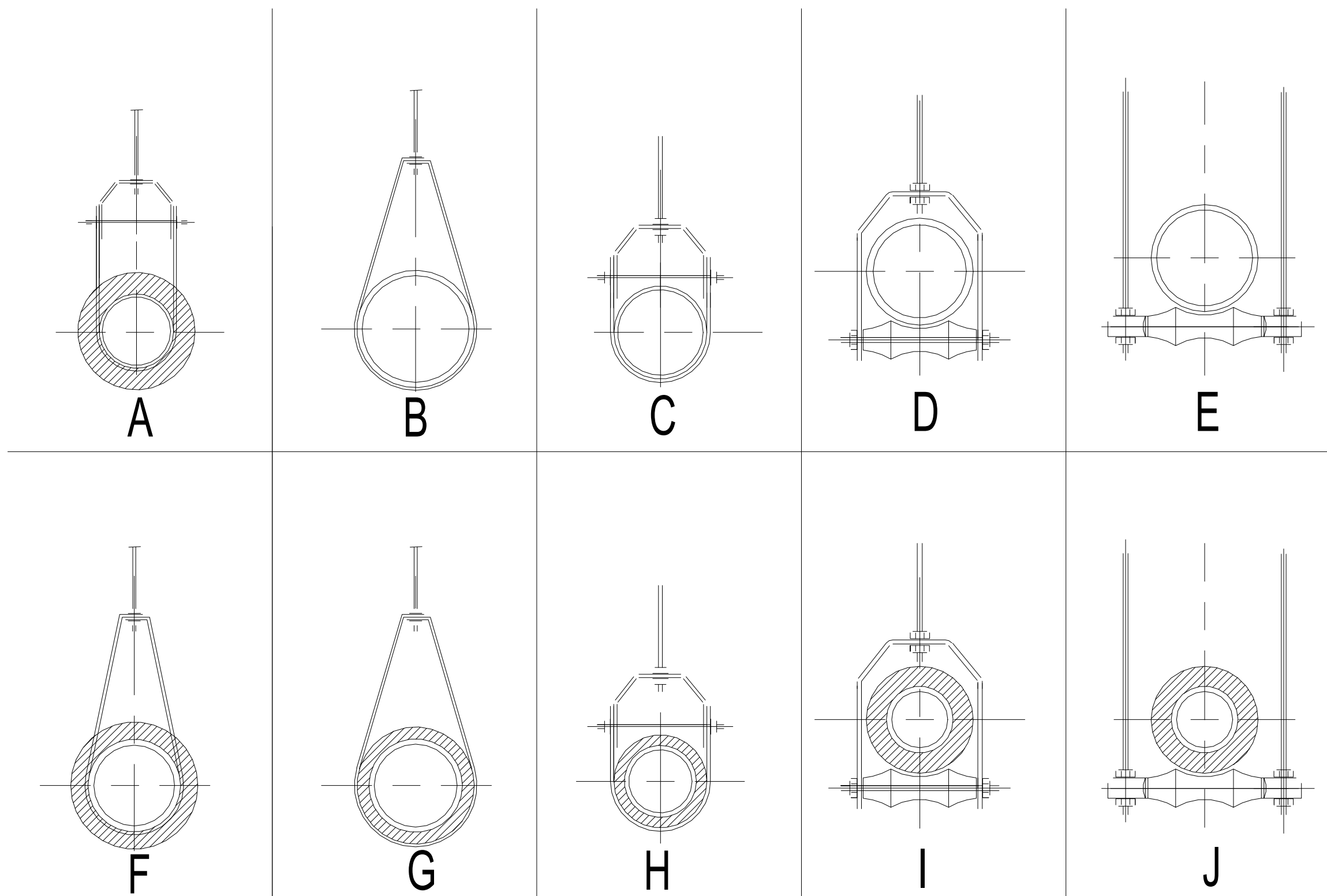
M-907	NTS
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1. VERIFY TRAP DIMENSIONS WITH AHU/CRAC MANUFACTURER.
2. HEIGHTS ARE MINIMUM BASED ON PRESSURE AT DRAIN OPENING, DOES NOT ACCOUNT FOR SPACE REQ'D. FOR FITTINGS.
3. FILL TRAP MANUALLY ON INITIAL START-UP.
4. RAISE COIL SECTION OR ENTIRE AIR HANDLING UNIT WITH STRUCTURAL MEMBERS OR STANDS TO PROVIDE PROPER TRAP HEIGHT.
5. DRAW-THRU UNITS BLOW-THRU UNITS

A = SP + 25 MM A = 25 MM MINIMUM
B = 1/2 SP + 15 MM Ø B = SP + 25 MM
6. SP TO BE MAXIMUM STATIC PRESSURE (SP) ON DRAIN PAN INCLUDING MAXIMUM FILTER AND COIL PRESSURE DROPS AND FUTURE COMPONENTS WHERE APPLICABLE. (REFER TO UNIT SHOP DRAWING)
7. FOR UNITS WITH AN INTERNAL P-TRAP A SECOND TRAP IS NOT REQUIRED.

M-907 NTS



PIPE SIZE	DRAIN	VENT	RAIN WATER LEADER	COLD WATER	HOT WATER	HOT WATER CIRC.	FIRE PIPE	STEAM	CONDENSATE	AIR	VACUUM	GAS	CHILLED WATER	CONDENSATE WATER	H.W. HEATING	VAPOUR VENT	
1/2	-	-	-	G	G	G	-	-	H	B	-	B	-	-	F	-	
3/4	B	-	-	G	G	G	B	H-1	H-1	B	B	B	-	-	F	-	
1	B	-	-	G	G	G	B	H-1	H-1	B	B	B	G	B	F	-	
1 1/4	B	-	-	G	G	G	B	H-1	H-1	B	B	B	G	B	F	-	
1 1/2	C	C	-	H	H	H	C	H-1	H-1	C	C	C	H	C	A	H	
2	C	C	H	H	H	H	C	I	I	C	C	C	H	C	A	H	
2 1/2	C	C	H	H	H	H	C	I	I	C	C	C	H	C	A	H	
3	C	C	H	H	H	-	C	I	I	C	C	C	H	C	I	H	
4	C	C	I	H	I	-	C	I	I	C	C	C	H	C	I	I	
5	C	C	I	H	I	-	C	I	-	-	-	C	H	C	I	I	
6	C	C	I	H	I	-	C	I	-	-	-	C	H	C	I	I	
8	D	-	I	-	-	-	-	J	-	-	-	-	D	D	I	I	
10	D	-	I	-	-	-	-	J	-	-	-	-	D	D	-	I	
12	D	-	I	-	-	-	-	J	-	-	-	-	J	E	-	I	
15	D	-	I	-	-	-	-	J	-	-	-	-	J	E	-	I	

M-907 NTS

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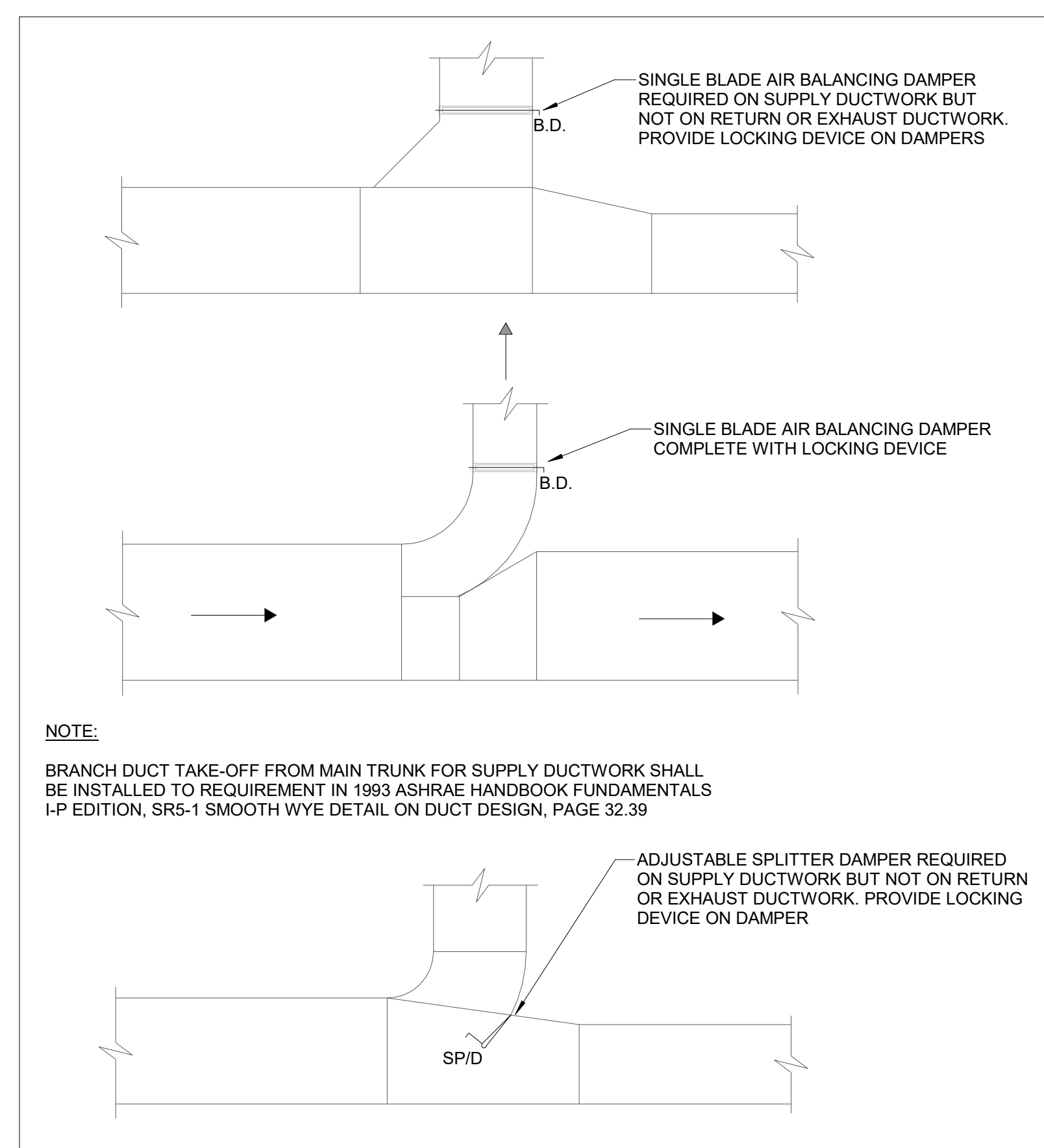
Title
MECHANICAL DETAILS

Revision **C** Drawing No. **M-908**

Technical drawing of the FM-06LM-0-1A-4 nitrogen generator system, showing the internal components and their connections. The drawing includes the following labeled parts:

- Junction box TBA & TBB
- Air compressor Isolation switch
- Releasing control panel
- Releasing circuit disconnect switch
- Air compressor
- Preaction outlet
- Preaction assembly
- Drain outlet
- Water inlet
- Nitrogen generator compressor
- Nitrogen generator
- Nitrogen generator air pressure maintenance device control valve
- Nitrogen generator air pressure maintenance device
- Hour meter
- Nitrogen generator storage cylinder

FM-06LM-0-1A-4



1 BRANCH DUCT TAKEOFFS FROM MAIN DUCTWORK

2 DETAILS & FIELD PREACTION UNIT DETAIL DIAGRAM