

BUILDING PERMIT

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

26 139920 HVA 00 MS

Site Address 703 DON MILLS RD

Project Description Office;

Building Permit Related(MS)

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 HVA 00 MS

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(MS)

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:
HVAC - 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

* HVAC/Extraction Rough-in

* HVAC 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 Mrugesh Patel 416-396-4154

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:

- ☐ Mechanical drawings shall be read in conjunction with architectural drawings and specifications.
- ☐ Do not cover any ductwork and piping prior to inspection.

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 materials within the ceiling space used as a return air plenum shall have a maximum flame spread rating of 25 and a maximum smoke developed rating of 50.

Supply and Return air systems including diffusers and return air grilles, shall be unobstructed in their entirety to promote air circulation throughout the floor area.

Openings in a fire rated separation shall be protected with a listed closure per CAN/ULC-S112-10, "Standard Method of Fire Test of Fire-Damper Assemblies."

OBC Div. B, 6.3.2.3.(3) All ductwork and fittings shall be constructed and installed as recommended in SMACNA Manuals and ASHRAE Standards.

OBC Div. B, 6.7.1.1.(1) Piping shall be made from materials designed to withstand the effects of temperatures and pressures that may occur in the system.

OBC Div. B, 6.7.1.1.(2) Every pipe used in a heating or air-conditioning system shall be installed to allow for expansion and contraction due to temperature changes.

OBC Div. B, 3.1.8.4.(2) The fire-protection rating of a closure shall conform to Table 3.1.8.4. for the required fire-resistance rating of the fire separation.

OBC Div. B, 3.1.8.10. (3) A heat-actuated device shall be located where it is readily affected by an abnormal rise of temperature in the duct, and have a temperature rating approximately 30°C above the maximum temperature that would exist in the system either with the system in operation or shut down.

OBC Div. B, 3.1.8.10. (4) A fire damper tested in the vertical or horizontal position shall be installed in the position in which it was tested.

OBC Div. B, 3.1.8.10. (5) A tightly fitted access door shall be installed for each fire damper to provide access for the inspection of the damper and the resetting of the release device.



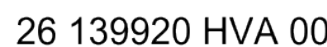
PERMIT REVIEWED FOR COMPLIANCE WITH
THE ONTARIO BUILDING CODE

26 139920 HVA 00

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



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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.



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
Issued/Revision	By	Appd	YYYY.MM.DD
File Name: N/A	Author	Designer	Checker
	Dwn.	Dsgn.	Chkd.
			YYYY.MM.DD



Client/Project Logc

Client/Project
City of Toronto

TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title

MECHANICAL LEGENDS AND SYMBOLS

Project No.

135901073

Rev

	Scale
	As indicated

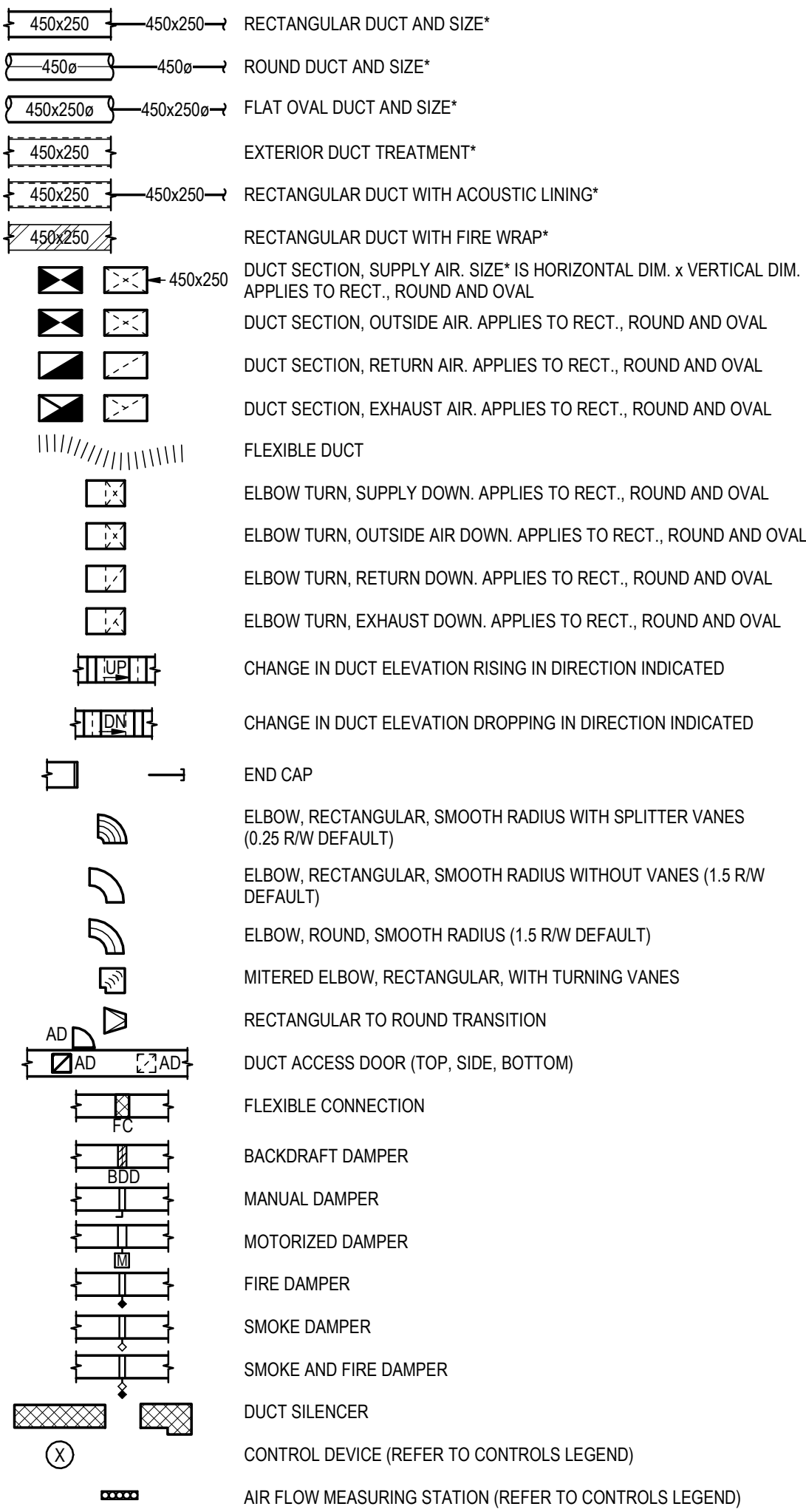
Drawing No.

M-002

 **RECEIVED** 09/Apr/2026

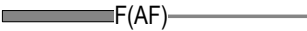
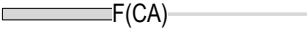
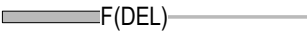
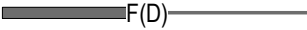
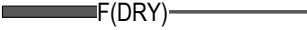
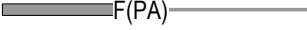
REAL OBJECT	
	SUPPLY AIR
	SUPPLY AIR - MAKEUP
	RETURN AIR
	OUTDOOR AIR
	GENERAL EXHAUST AIR
	WET EXHAUST AIR
	ISOLATION EXHAUST AIR
	LABORATORY EXHAUST AIR
	KITCHEN EXHAUST AIR
	AIR FLOW ARROW

* NOTE: ALL DUCT SIZES ARE INTERIOR, FREE DIMENSIONS (ALWAYS WIDTH X HEIGHT IN FLOOR PLAN AND SECTION)



	QUANTITY	
	TYPE	
	SIZE (mm)	AIR OUTLET OR INLET TAG (REFER TO SCHEDULE)
	VOLUME (L/s)	
		RECTANGULAR DIFFUSER, SUPPLY. OPTIONAL ARROWS SHOW THE FLOW DIRECTION.
		RECTANGULAR REGISTER OR GRILLE, RETURN
		RECTANGULAR REGISTER OR GRILLE, EXHAUST
		ROUND DIFFUSER, SUPPLY
		LINEAR DIFFUSER
		SIDEWALL REGISTER OR GRILLE, SUPPLY
		SIDEWALL GRILLE, RETURN OR EXHAUST
		UNDERCUT DOOR
		DOOR GRILLE OR LOUVER
		TRANSFER GRILLE OR LOUVER
		COIL (REFER TO CONTROLS LEGEND)
	ID #	MECHANICAL EQUIPMENT TAG
	QUANTITY	
	TYPE	
	LENGTH (mm)	RADIATION HEATING TAG (REFER TO SCHEDULE)
	CAPACITY (W)	

REAL OBJECT	SYMBOL	
	BBD	BOILER BLOWDOWN
	BFW	BOILER FEED WATER
	BR	BRINE RETURN
	BS	BRINE SUPPLY
	CHWR	CHILLED WATER RETURN
	CHWR(G)	CHILLED WATER RETURN - GLYCOL
	CHWR(P)	CHILLED WATER RETURN - PROCESS
	CHWS	CHILLED WATER SUPPLY
	CHWS(G)	CHILLED WATER SUPPLY - GLYCOL
	CHWS(P)	CHILLED WATER SUPPLY - PROCESS
	CWR	CONDENSER WATER RETURN
	CWS	CONDENSER WATER SUPPLY
	DTR	DUAL TEMPERATURE RETURN (HOT OR CHILLED)
	DOTS	DUAL TEMPERATURE SUPPLY (HOT OR CHILLED)
	HPWR	HEAT PUMP WATER RETURN
	HPWS	HEAT PUMP WATER SUPPLY
	HRR	HEAT RECOVERY LOOP RETURN
	HRS	HEAT RECOVERY LOOP SUPPLY
	HWR	HEATING WATER RETURN
	HWR(G)	HEATING WATER RETURN - GLYCOL
	HWR(LT)	HEATING WATER RETURN - LOW TEMPERATURE
	HWS	HEATING WATER SUPPLY
	HWS(G)	HEATING WATER SUPPLY - GLYCOL
	HWR(LT)	HEATING WATER SUPPLY - LOW TEMPERATURE
	REF(HG)	REFRIGERANT HOT GAS
	REF(L)	REFRIGERANT LIQUID
	REF(S)	REFRIGERANT SUCTION
	REF(V)	REFRIGERANT VENT
	RV	RELIEF VENT
	S(550)	STEAM (NOMINAL PRESSURE IN KPA)
	CS(550)	STEAM - CLEAN (NOMINAL PRESSURE IN KPA)
	C(550)	STEAM CONDENSATE (NOMINAL PRESSURE IN KPA)
	H(550)	STEAM HUMIDIFICATION (NOMINAL PRESSURE IN KPA)
	PC(550)	STEAM PUMPED CONDENSATE (NOMINAL PRESSURE IN KPA)
	SV	STEAM VENT

REAL OBJECT	SYMBOL	
	F(AF)	FIRE - ANTIFREEZE
	F(CA)	FIRE - CLEAN AGENT
	F(DEL)	FIRE - DELUGE
	F(D)	FIRE - DRAIN
	F(DRY)	FIRE - DRY
	F(PA)	FIRE - PRE-ACTION
	F	FIRE - WET - F
	SP	FIRE - WET - SPRINKLER
AC		ABBREVIATION FOR ANTICORROSION
HT		ABBREVIATION FOR HIGH TEMPERATURE
D		ABBREVIATION FOR DRY HEAD
EC		ABBREVIATION FOR EXTENDED COVERAGE
CR		ABBREVIATION FOR CLEANROOM GASKET SEALED
R		ABBREVIATION FOR RESIDENTIAL
		UPRIGHT SPRINKLER
		PENDANT SPRINKLER
	D	PENDANT SPRINKLER - DRY
		CONCEALED PENDANT SPRINKLER
		SIDEWALL SPRINKLER
		EXTENDED COVERAGE SIDEWALL SPRINKLER
		FIRE EXTINGUISHER
		FIRE DEPARTMENT CONNECTION
		DUCT MOUNTED SMOKE SENSOR
	FCP	FIRE ALARM CONTROL PANEL
	FHC	FIRE HOSE CABINET
	SCV	SPRINKLER ZONE CONTROL VALVE
		FIRE HOSE VALVE ASSEMBLY
		SUPERVISORY VALVE (SEE SPEC FOR TYPE)

REAL OBJECT	SYMBOL	
	AV	ACID VENT
	AW	ACID WASTE
	CD	CONDENSATE DRAIN
	CD(P)	CONDENSATE DRAIN (PUMPED)
	GV	GREASE VENT
	FT	FOOTING DRAIN
	GW	GREASE WASTE
	V	SANITARY VENT
	V(O)	SANITARY VENT (OIL)
	SAN	SANITARY WASTE
	SAN(O)	SANITARY WASTE (OIL)
	SAN(P)	SANITARY WASTE (PUMPED)
	ST	STORM DRAIN
	ST(O)	STORM OVERFLOW
	ST(P)	STORM PUMPED
	RA	RADON

REAL OBJECT	SYMBOL	
	CA(##)	COMPRESSED AIR (NOMINAL PRESSURE IN KPA)
	BA(##)	BREATHING AIR (NOMINAL PRESSURE IN KPA)
	DI	DEIONIZED WATER
	DIR	DEIONIZED WATER RECIRCULATING
	DW	DISTILLED WATER
	DCW	DOMESTIC COLD WATER
	DCW(S)	DOMESTIC COLD WATER SOFTENED
	DHW	DOMESTIC HOT WATER
	DHWR	DOMESTIC HOT WATER RECIRCULATING
	DHW(S)	DOMESTIC HOT WATER SOFTENED
	NPCW	NON-POTABLE COLD WATER
	NPCW(S)	NON-POTABLE COLD WATER SOFTENED
	NPHW	NON-POTABLE HOT WATER
	NPHW(S)	NON-POTABLE HOT WATER SOFTENED
	TP	NON-POTABLE TRAP PRIMER
	RO	REVERSE OSMOSIS
	ROR	REVERSE OSMOSIS RECIRCULATING
	UR	UREA
	IRR	IRRIGATION
	NG	NATURAL GAS
		FIXTURE TRAP
	CB-#	CATCH BASIN
	MH-#	MANHOLE
	RD-#	ROOF DRAIN
	FD-#	FLOOR DRAIN - ROUND
	FD-#	FLOOR DRAIN - RECTANGULAR
		HOSE BIB
	NF	HOSE BIB - NON-FREEZE
		PLUMBING FIXTURES
	ID-#	PLUMBING FIXTURE TAG (REFER TO SCHEDULE)
	EQ-###	TRIM PLUMBING CONNECTION TAG

CO	CLEANOUTS - END OF LINE
FCO	FLOOR CLEANOUTS
BCO	BUILDING CLEANOUTS
SS-x	SANITARY STACK
STS-x	STORM STACK
FA & DN	FROM ABOVE & DOWN

SYMBOL	
	ISOLATION VALVE (GENERIC REFER TO SPEC FOR DETAILS)
	GLOBE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	PLUG VALVE
	NEEDLE VALVE
	CHECK VALVE (GENERIC)
	BALANCING VALVE (REFER TO SPEC FOR DETAILS)
	PRESSURE REDUCING VALVE
	PRESSURE REGULATOR VALVE
	2-WAY CONTROL VALVE
	3-WAY CONTROL VALVE
	FLOAT OPERATED VALVE ACTUATOR
	SAFETY OR RELIEF VALVE
	ANGLE VALVE
	BOILER STOP AND CHECK VALVE
	BACKFLOW PREVENTER (GENERIC)
	MULTI-PURPOSE VALVE (SHUTOFF, BALANCING AND CHECK)
	PUMP (GENERIC REFER TO SCHEDULES)
	Y STRAINER (GENERIC)
	STEAM TRAP (GENERIC)
	AUTOMATIC AIR VENT
	MANUAL AIR VENT
	VACUUM BREAKER
	SHOCK ABSORBER
	TEMPERATURE GAUGE
	PRESSURE GAUGE
	TEMPERATURE AND PRESSURE TAP
	SIGHT FLOW GLASS
	FLEXIBLE CONNECTOR
	EXPANSION JOINT
	GUIDE
	ANCHOR
	FLOW ARROW
	PIPING SLOPE
	PIPE CAP
	PIPE BREAK
	PIPE CROSS
	PIPING ELBOW UP
	PIPING ELBOW DOWN
	PIPING TEE UP
	PIPING TEE DOWN
	PIPING TEE (SCHEMATIC)
	UNION CONNECTION
	FLANGED CONNECTION
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	STANDARD CLEAN-OUT IN LINE END OF RUN
	STANDARD CLEAN-OUT THROUGH FLOOR END OF RUN
	STANDARD CLEAN-OUT THROUGH FLOOR IN LINE
	PIPE INSULATION
	PIPE SIZE (mm)
	PIPING ROUTED BELOW SLAB OR GRADE

GENERAL NOTES:

GENERAL:

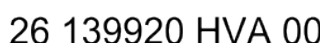
1. THE PLANS ARE DIAGRAMMATIC IN NATURE AND ARE BASED ON THE MANUFACTURER'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS, OR ALL OF THE DETAILS FOR THE EQUIPMENT. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT AND ENSURE THAT IT WILL FIT IN THE AVAILABLE SPACE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF COMPLETED AND OPERATIONAL SYSTEMS WITH DUE RESPECT TO ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
3. FIELD VERIFY ALL CONNECTION POINTS PRIOR TO INSTALL. NOT ALL CONNECTIONS SIZE ARE SHOWN, BUT THOSE THAT ARE SHOWN ARE APPROXIMATE AND TAKEN FROM EXISTING AS-BUILT AND/OR FIELD OBSERVATIONS.
4. VERIFY ALL GRADES, DIMENSIONS, AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH WORK. NOTIFY PRIME CONSULTANT OF ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL CONDITIONS BEFORE INSTALLATION.
5. COORDINATE INSTALLATION OF WORK WITH STRUCTURAL MEMBERS AND WORK OF ALL OTHER TRADES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS NEEDED TO CONSTRUCT WORK SHOULD IN THE CONSTRUCTION DOCUMENTS AND ACCOMPANYING SPECIFICATIONS.
7. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION DOCUMENTS, SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY.
8. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S. CONTRACTOR TO PROVIDE A FITTINGS, TRANSLATIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
9. PENETRATIONS OF DUCTS, PIPES, CONDUITS, ETC. IN WALLS REQUIRED PROTECTED OPENINGS SHALL BE FIRE STOPPED, FIRE STOP MATERIAL, SHALL BE A ULULC-LISTED ASSEMBLY APPROPRIATE FOR FIRE OR SMOKE PENETRATIONS AS APPLICABLE AND APPROVED BY THE FIRE MARSHAL.
10. ALL PIPE SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, A NEAT AND WORKMANLIKE MANNER. THE USE OF WIRE OR METAL STRAPS TO SUPPORT PIPES WILL NOT BE PERMITTED. REFER TO SPECIFICATIONS FOR MINIMUM SPACING OF PIPE SUPPORTS.

DEMOLITION:

1. NOT ALL EXISTING CONDITIONS HAVE BEEN SHOWN. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING.
2. PROTECT ALL WORK AND EXISTING CONDITIONS ASSOCIATED WITH THIS CONTRACTOR FROM DAMAGE, COVER ENDS OF PIPING AND SYSTEM COMPONENTS NOT ACTIVELY BEING WORKED ON. REPAIR OR REPLACE ANY DAMAGED ITEMS THAT OCCURS DURING THIS CONSTRUCTION PROJECT AT NO COST TO THE OWNER.
3. DEMOLISH ALL SYSTEM COMPONENTS, VALVES, EQUIPMENT, DUCTWORK, PIPING, HANGERS, CONTROLS, AND ALL ASSOCIATED FINISHES, SYSTEMS AND EQUIPMENT SHOWN REQUIRED UNLESS NOTED OTHERWISE, COVERING AND COMPONENTS TO REMAIN PRIOR TO WORK COMMENCING.
4. CLEAN UP ALL DEBRIS FROM SITE AT THE END OF EACH WORK DAY AND DISPOSE OF EITHER LOCALLY OR BY RECYCLING BINS PROVIDED BY THE CONTRACTOR OR OFFSITE.
5. ALL DEMOLISHED EQUIPMENT SHALL BE TURNED OVER TO THE OWNER UNLESS DIRECTED OTHERWISE. IF NOT REQUIRED BY OWNER, DISPOSE AS REQUIRED.



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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.



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 REACTION 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



Client/Project Logc

Client/Project
City of Toronto

TORONTO PARAMEDIC SERVICES (TPS)
CACC EXPANSION

703 Don Mills Road
North York, ON

Title
SCHEDULES

Project No.

Scale

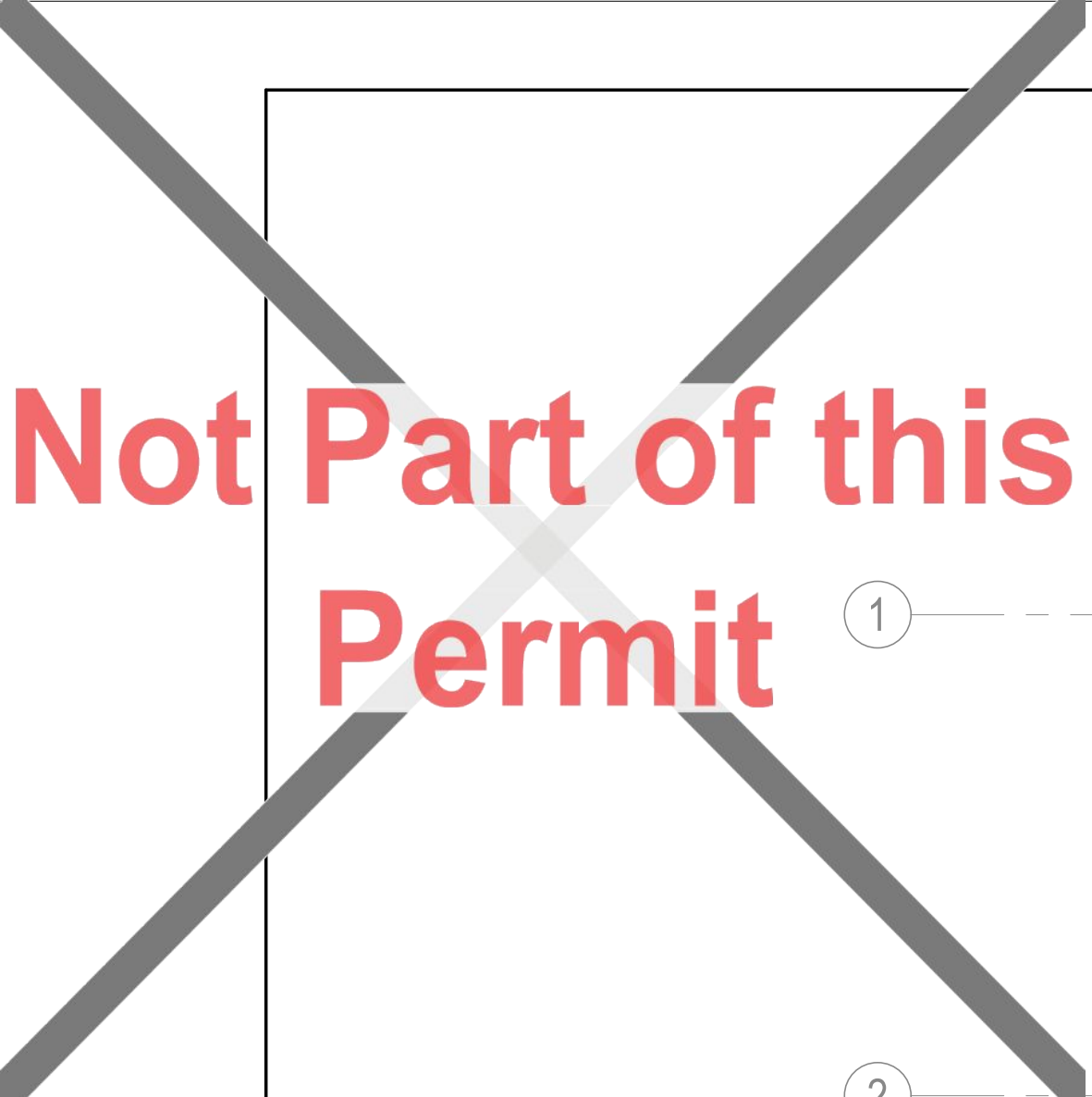
Revision

Drawing No.

C

M-003

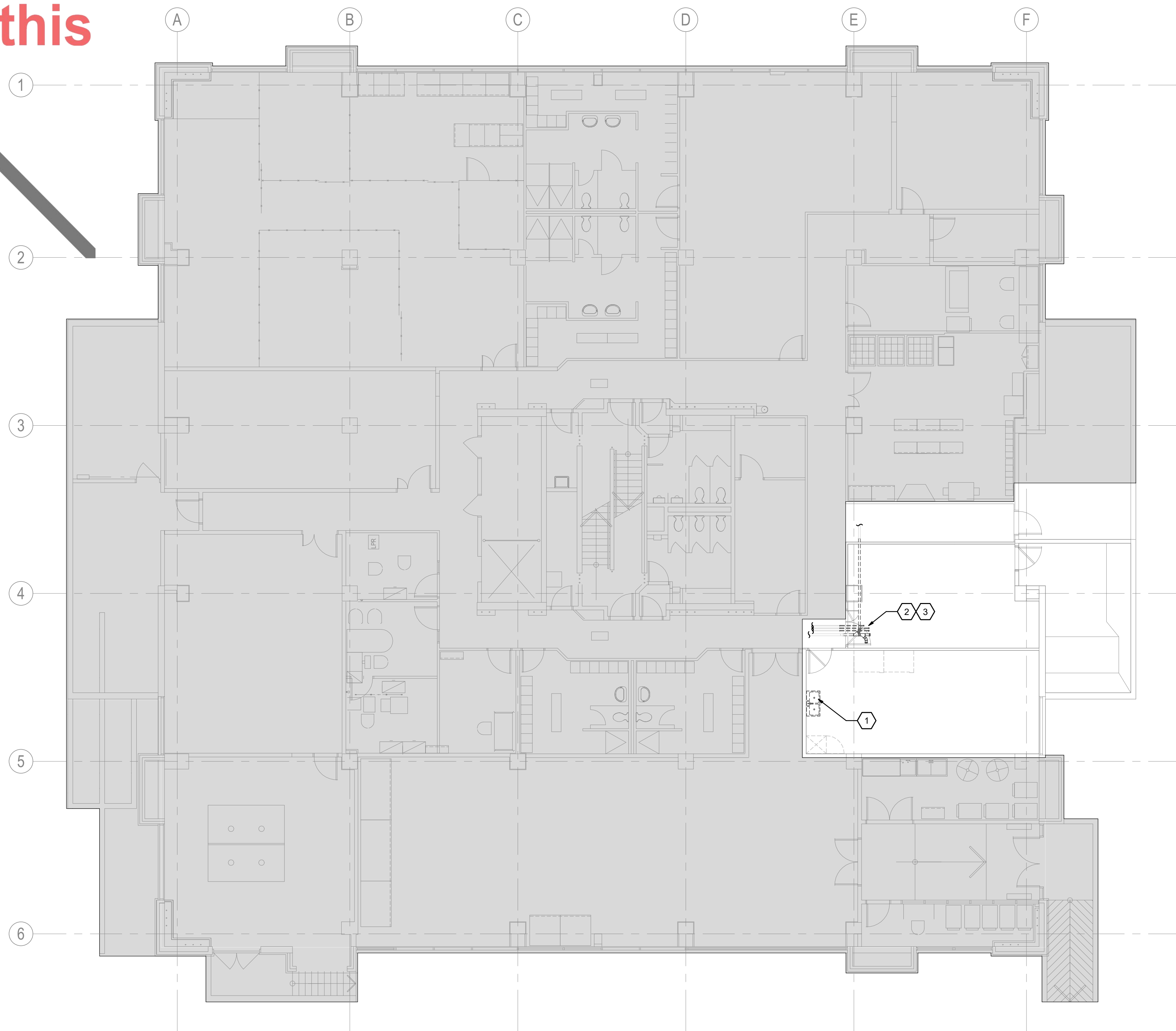




Not Part of this Permit

① — — — — —

② — — — — —



1 **SANITARY AND WATER OVERALL PLAN - BASEMENT DEMOLITION**
 MD-201 1 : 100

MD-201 1 : 100

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. CONTRACTOR TO 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. ENSURE ARE NO LONGER SERVING ANY EQUIPMENT OR FIXTURES. ENSURE ALL ABANDONED CONNECTIONS ARE PROPERLY ISOLATED, CAPPED, AND MADE SAFE.



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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

File Name: N/A	Author	Designer	Checker	10/07/20
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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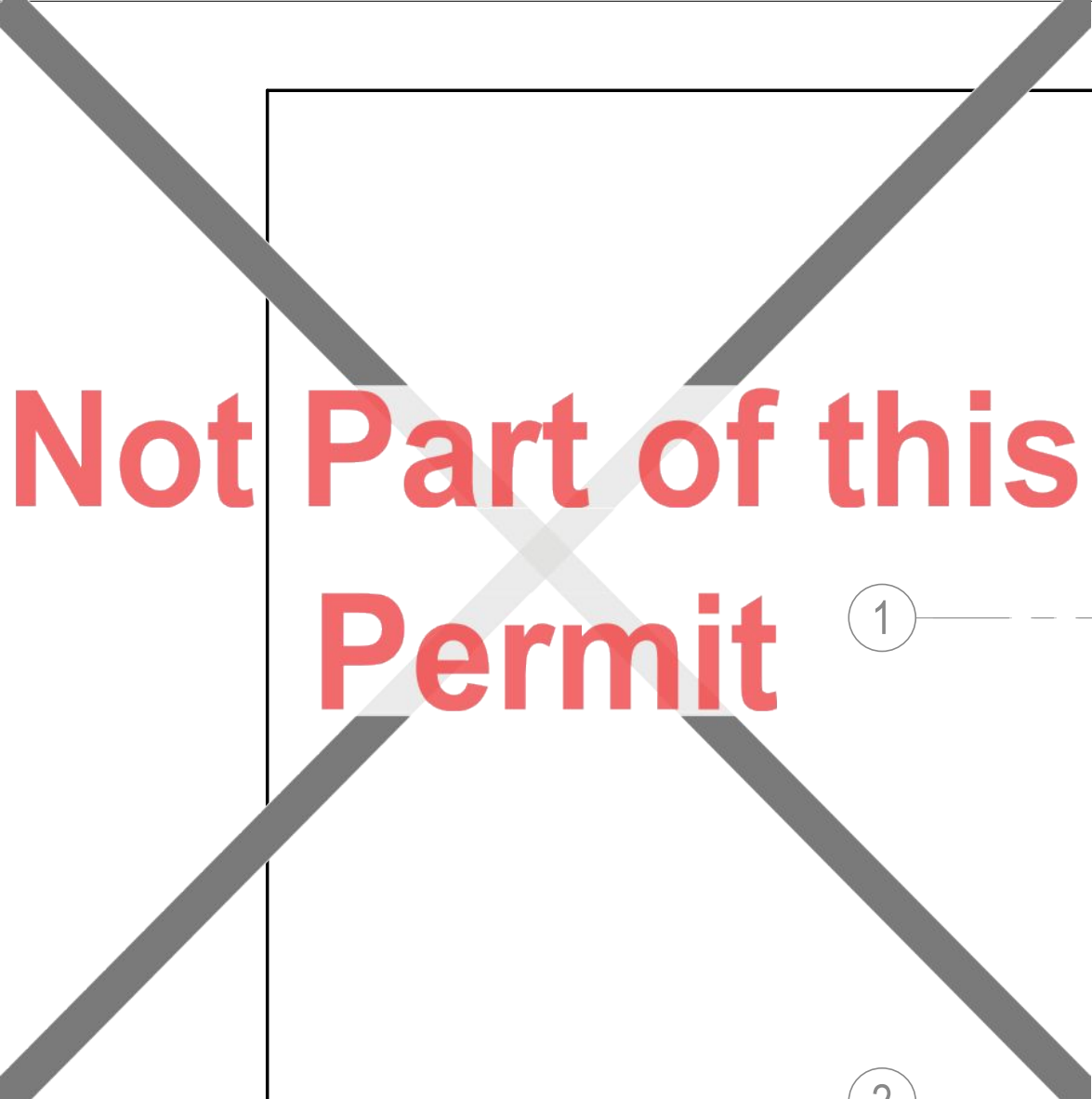
703 Don Mills Road
North York, ON

Title
SANITARY AND WATER OVERALL PLAN
- BASEMENT - DEMOLITION

Project No.	Scale
135901073	1 : 100

Revision **C** Drawing No. **MD-201**

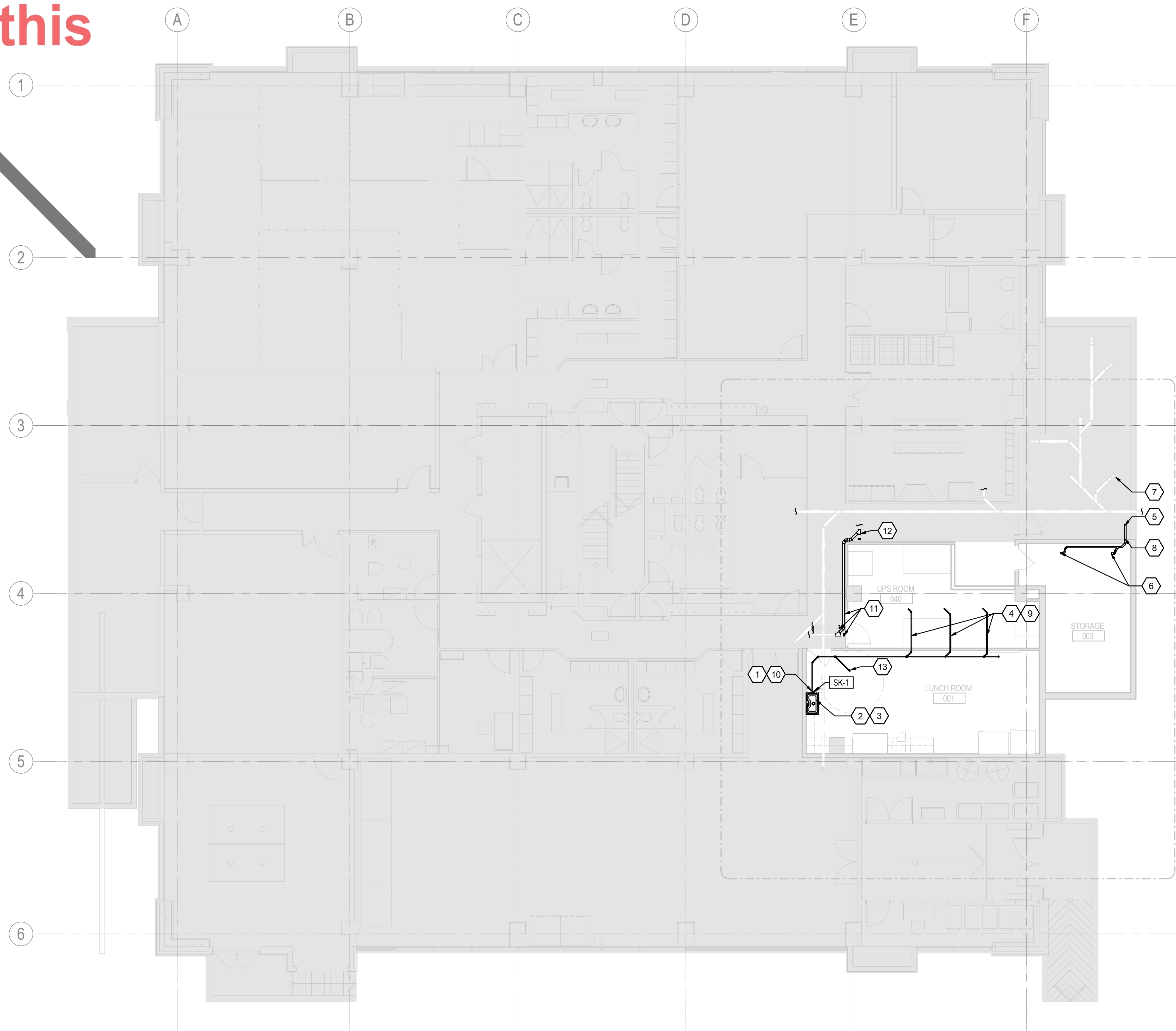
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1 M-201 **SANITARY AND WATER OVERALL PLAN - BASEMENT NEW WORK** 1 : 100

2 KEYNOTE 7 FLOOR DRAIN LOCATION



KEYED NOTES

1. CONNECT AS INDIRECT CONNECTION TO NEAREST KITCHEN SINK SANITARY DRAIN. REFER TO DETAIL 3-M904.
2. CONNECT SK-1 TO EXISTING PLUMBING AND DRAINAGE LINE.
3. PROVIDE 12mm VALVED AND CAPPED DOMESTIC HOT WATER AND 12mm DRAIN STUB ABOVE SINK TRAP FOR DISHWASHER.1 AND EXTEND 10mm VALVED SOFT COPPER COLD WATER LINE TO LOCATION OF REFRIGERATOR. FINAL CONNECTION TO APPLIANCES BY APPLIANCE SUPPLIER.
4. 20mm CONDENSATE DRAIN FROM AC UNITS. PROVIDE CORE DRILLING THROUGH WALL AT THIS LOCATION. SCAN FOR EXISTING SERVICES PRIOR TO ANY CORING WORK.
5. CONNECT AS INDIRECT CONNECTION TO NEAREST FLOOR DRAIN IN SPRINKLER ROOM
6. DRAIN FROM PRE-ACTION UNIT
7. EXISTING FLOOR DRAIN AT THIS LOCATION TO BE UTILIZED FOR DRAIN CONNECTION FROM PRE-ACTION UNITS PAU-1 AND PAU-2. REFER TO 4IM-904 FOR INDIRECT DRAIN DETAIL. PROVIDE LARGE FUNNEL TO ACCOMMODATE NEW AND EXISTING PIPING.
8. PROVIDE CORE DRILLING THROUGH WALL AT THIS LOCATION. SCAN FOR EXISTING SERVICES PRIOR TO ANY CORING WORK.
9. PROVIDE APPROVED PENETRATION ASSEMBLY FOR PIPING THROUGH FIRE-RATED WALL. REFER TO ARCHITECTURAL DETAILS FOR INSTALLATION REQUIREMENTS.
10. PROVIDE CONDENSATE DRAIN PIPING FROM ALL CASSETTE UNITS LOCATED IN THE UPS ROOM. ROUTE CONDENSATE LINE CONCEALED ABOVE LUNCH ROOM CEILING AND DOWN THROUGH WALL AS REQUIRED NEAR SINK. CORE/MAKE OPENING IN WALL BEHIND SINK TO WALL TO PROVIDE PENETRATION. CONNECT CONDENSATE DRAIN TO PLUMBING SYSTEM VIA AN APPROVED INDIRECT CONNECTION (AIR GAP) IN ACCORDANCE WITH CODE REQUIREMENTS. REFER TO DETAIL 3/M904. COORDINATE EXACT LOCATION WITH SITE CONDITIONS AND OTHER TRADES. SEAL, PATCH, AND RESTORE ALL WALL AND CEILING SURFACES TO MATCH EXISTING FINISHES AFTER INSTALLATION. ENSURE PROPER SLOPE OF CONDENSATE PIPING AND PROVIDE CLEANOUTS AS REQUIRED FOR MAINTENANCE.
11. REROUTED EXISTING SERVICES & CAPPED OUTSIDE OF UPS ROOM.
12. NEW REROUTED LINE SHALL MAINTAIN EXISTING SLOPE AND BE INSTALLED TO MATCH THE OPERATIONAL REQUIREMENTS OF THE EXISTING CONNECTED SERVICES.
13. CONDENSATE DRAIN FROM LEVEL 1 DOWN TO CEILING SPACE AT THIS LOCATION AND CONNECT TO CONDENSATE DRAIN FROM UPS ROOM AS SHOWN.



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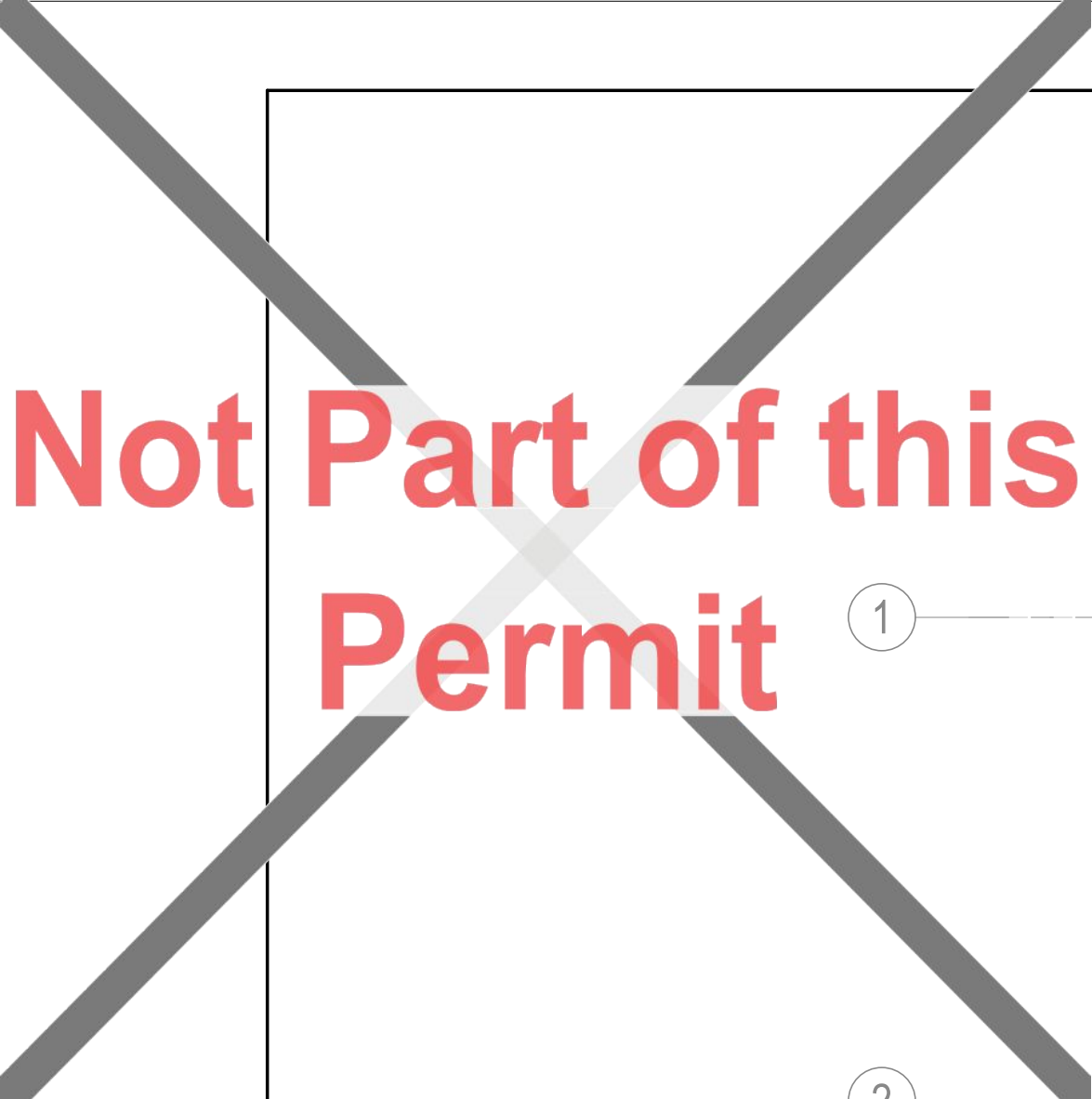
Title
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- BASEMENT - NEW WORK

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

M-201

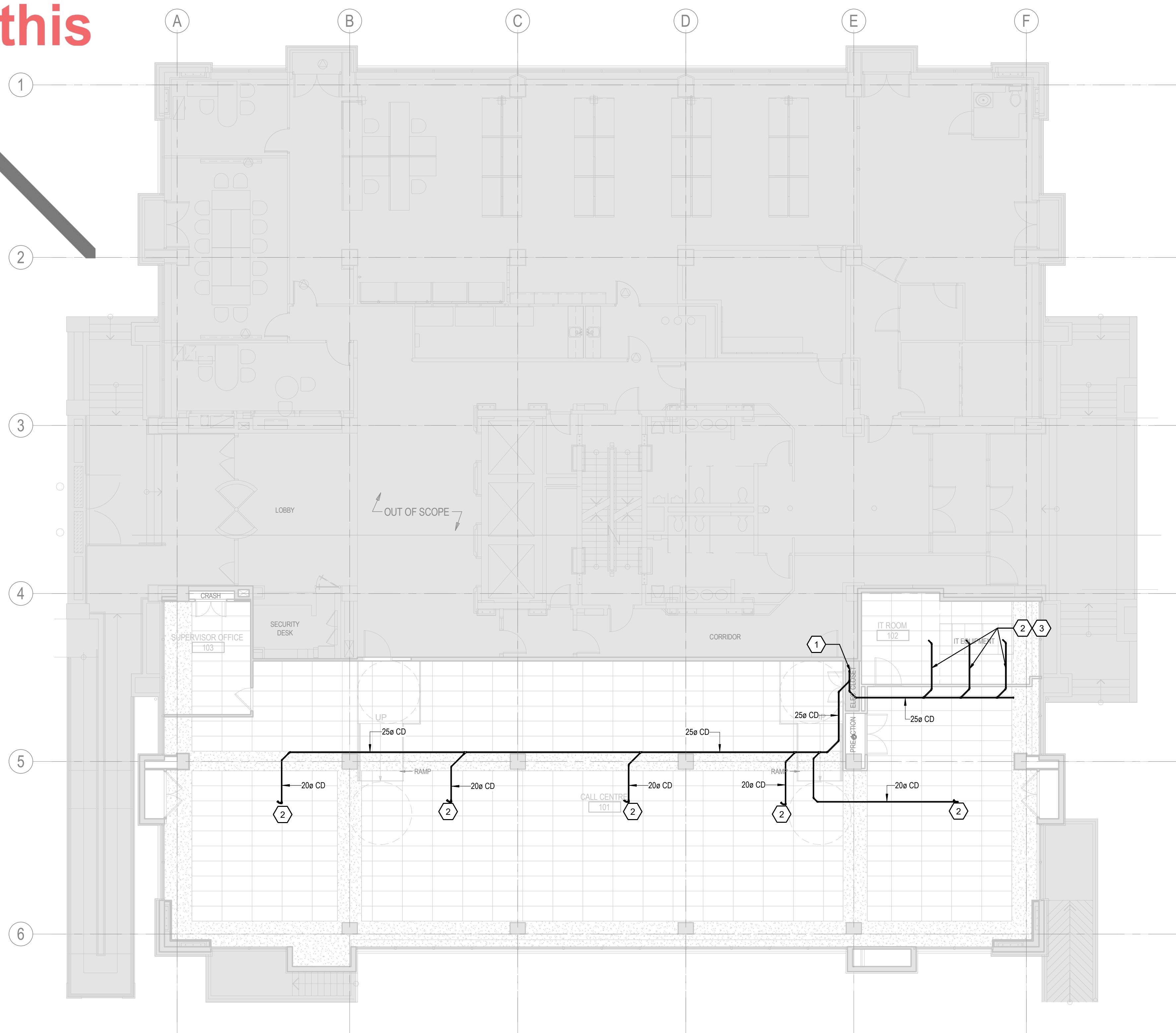
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1 SANITARY AND WATER OVERALL PLAN - LEVEL 1 NEW WORK

- KEYED NOTES**
1. PROVIDE CONDENSATE DRAIN PIPING FROM ALL CASSETTE UNITS ON LEVEL 1. ROUTE CONDENSATE LINE CONCEALED ABOVE CEILING AND DOWN TO BASEMENT FLOOR. 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.



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

Project No.
135901073

ScaleRevision
C

Drawing No.

M-202



Notes

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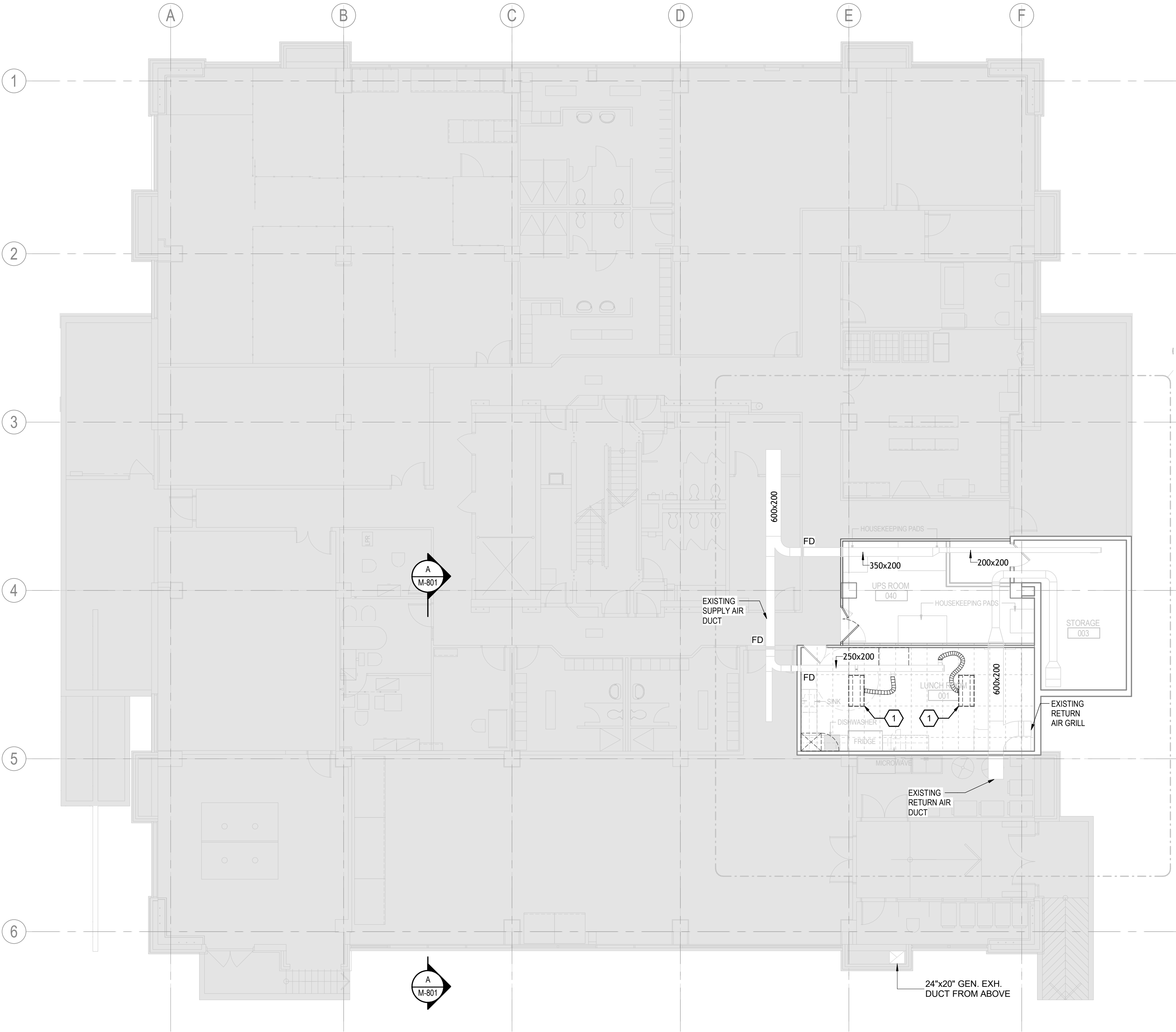
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Title
HVAC VENTILATION OVERALL PLAN -
BASEMENT - DEMOLITION

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

KEYED NOTES

- DEMOLISH EXISTING FLEX DUCTWORK AND DIFFUSER AS SHOWN. CAP AT MAIN FOR FUTURE CONNECTION



1 HVAC VENTILATION OVERALL PLAN - BASEMENT DEMOLITION
MD-301 1 : 100

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Title
HVAC VENTILATION OVERALL PLAN -
BASEMENT - NEW WORK

Project No. 135901073 Scale As indicated

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

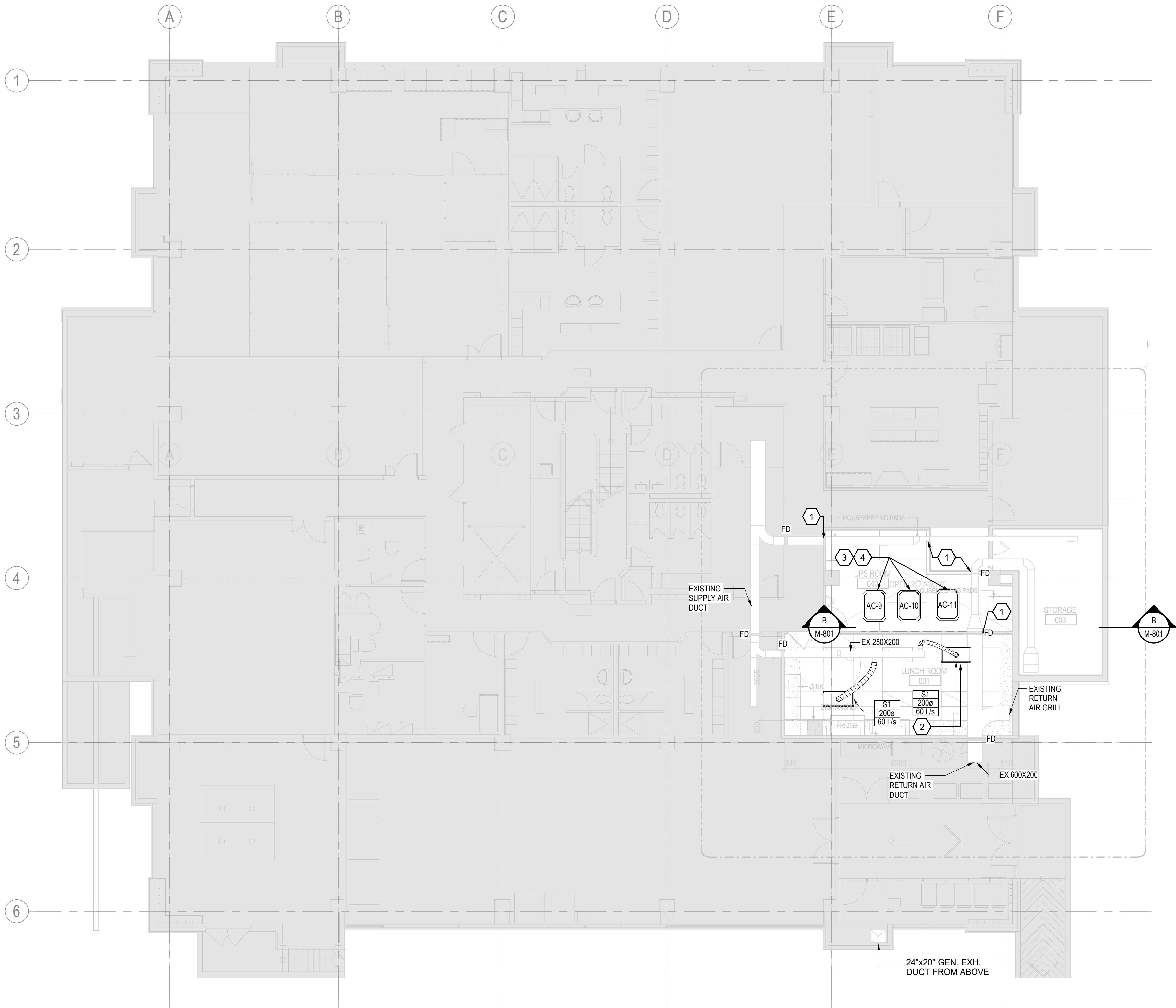
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GENERAL NOTES

- 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.
- 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.
- DIFFUSER DUCT BRANCHES SHALL BE THE SAME SIZE AS THE DIFFUSER THROAT CONNECTION UNLESS INDICATED OTHERWISE.
- COORDINATE WITH ARCHITECT. PROVIDE FIRE DAMPER AT DUCT PENETRATIONS AND APPROVED FIRE-RATED PIPE PENETRATION SYSTEM (FIRESUP ASSEMBLY) FOR ALL MECHANICAL SERVICES PASSING THROUGH NEW FIRE-RATED WALL. INSTALL IN ACCORDANCE WITH LISTED ULC SYSTEM AND WALL RATING.
- PROVIDE BALANCING DAMPERS AT EACH NEW CONNECTION TO MAIN DUCTWORK. BALANCE AIRFLOW AS INDICATED ON DRAWINGS.

KEYED NOTES

- 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.
- PROVIDE NEW DIFFUSER, FLEX DUCT AND BALANCING DAMPERS FOR NEW CONNECTION.
- CEILING MOUNTED COOLING UNITS. ADD ACOUSTIC TREATMENT. FOR MOUNTING AND CONNECTION DETAIL SEE 8/M901. MAINTAIN ACCESSIBILITY FOR ALL NEW CONNECTIONS
- NEW IT ROOM AC UNITS (N-1 CONFIGURATION). REFER TO MECHANICAL SPECIFICATION FOR OPERATIONAL N-1 LOGIC.



1 HVAC VENTILATION OVERALL PLAN - BASEMENT NEW WORK
M-301 1 : 100



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File Name: N/A		Author	SY	VPW 10/07/25
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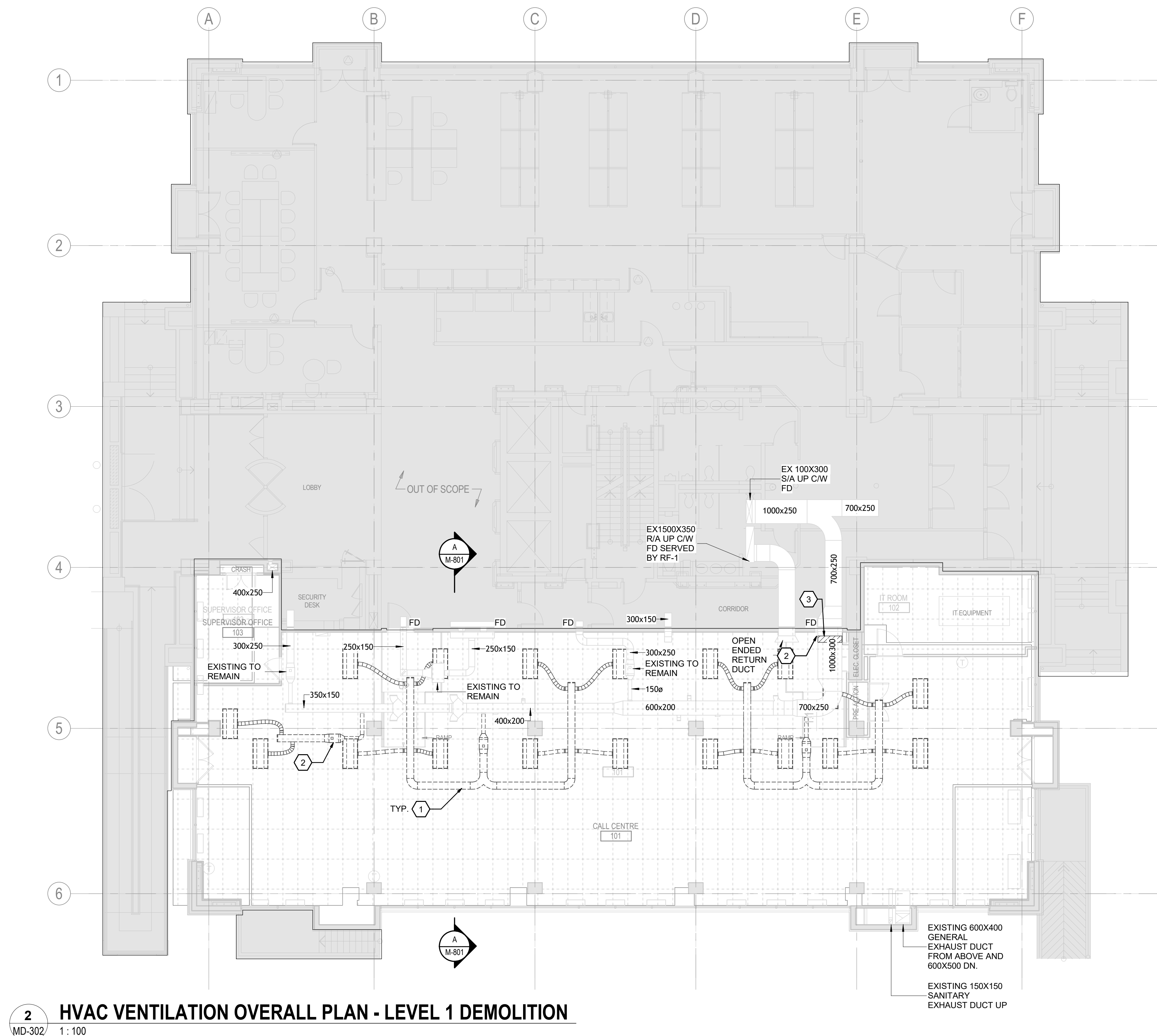
703 Don Mills Road
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Title
HVAC VENTILATION OVERALL PLAN -
LEVEL 1 - DEMOLITION

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

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2 HVAC VENTILATION OVERALL PLAN - LEVEL 1 DEMOLITION

MD-302 1 : 100

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703 Don Mills Road
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Title
HVAC VENTILATION OVERALL PLAN -
LEVEL 1 - NEW WORK

Project No. 135901073	Scale As indicated
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Revision C	Drawing No. M-302
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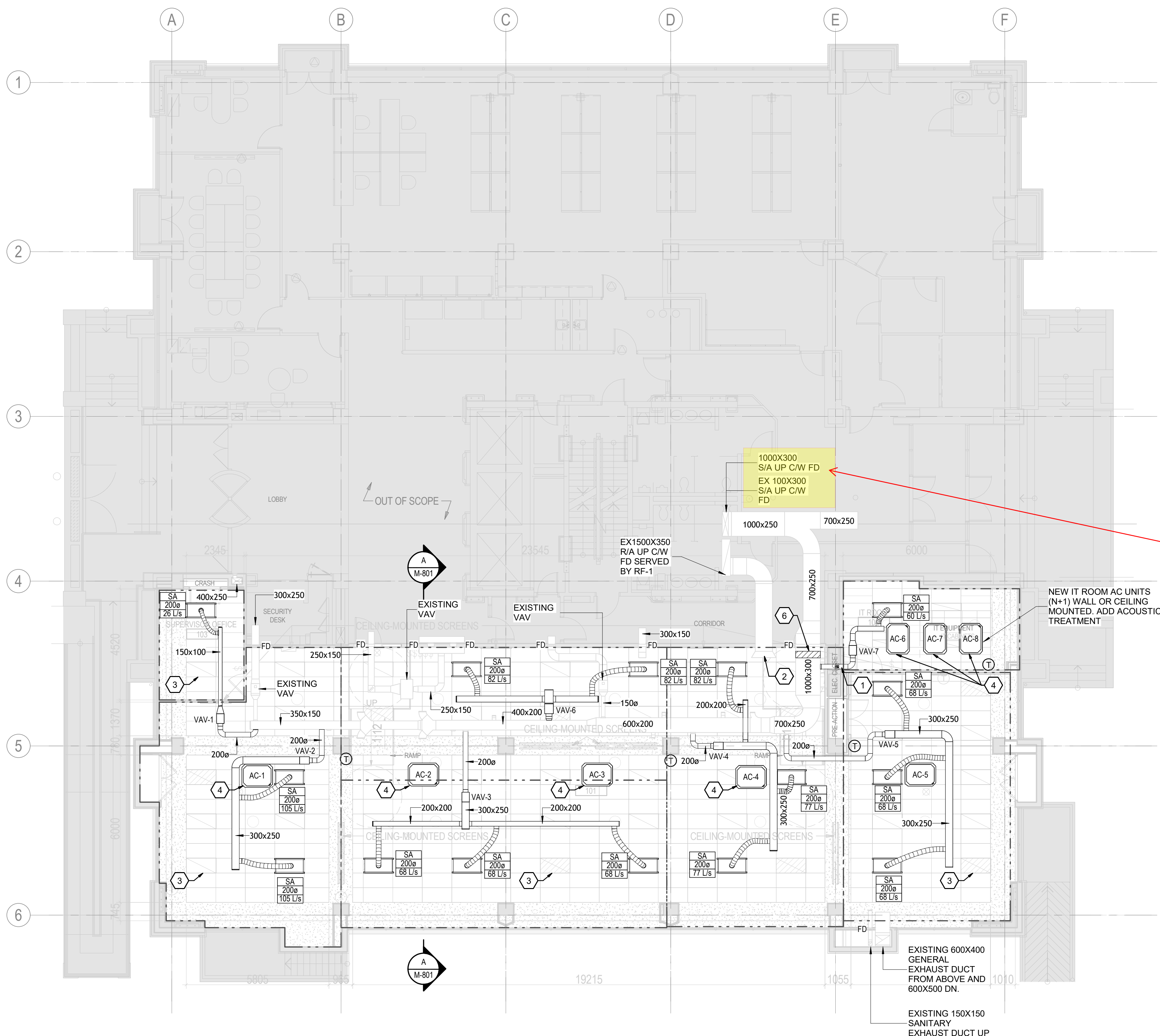
GENERAL NOTES

1. COORDINATE ALL NEW WALL AND FLOOR OPENING LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL TRADES. REFER TO ARCH DRAWINGS 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 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 BALANCE 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 DUC PENETRATION THROUGH FIRE-RATED WALL.
2. RETURN AIR SHALL BE VIA TROFFER LIGHT RETURN OPENINGS ACCESSIBLE TO THE CEILING. THE RETURN AIR SHALL 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 6/M901. 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

Verify and adjust existing system outdoor air damper so as the calculated amount of outdoor air is provided to the spaces.



1 HVAC VENTILATION OVERALL PLAN - LEVEL 1 NEW WORK

M-302 1 : 100



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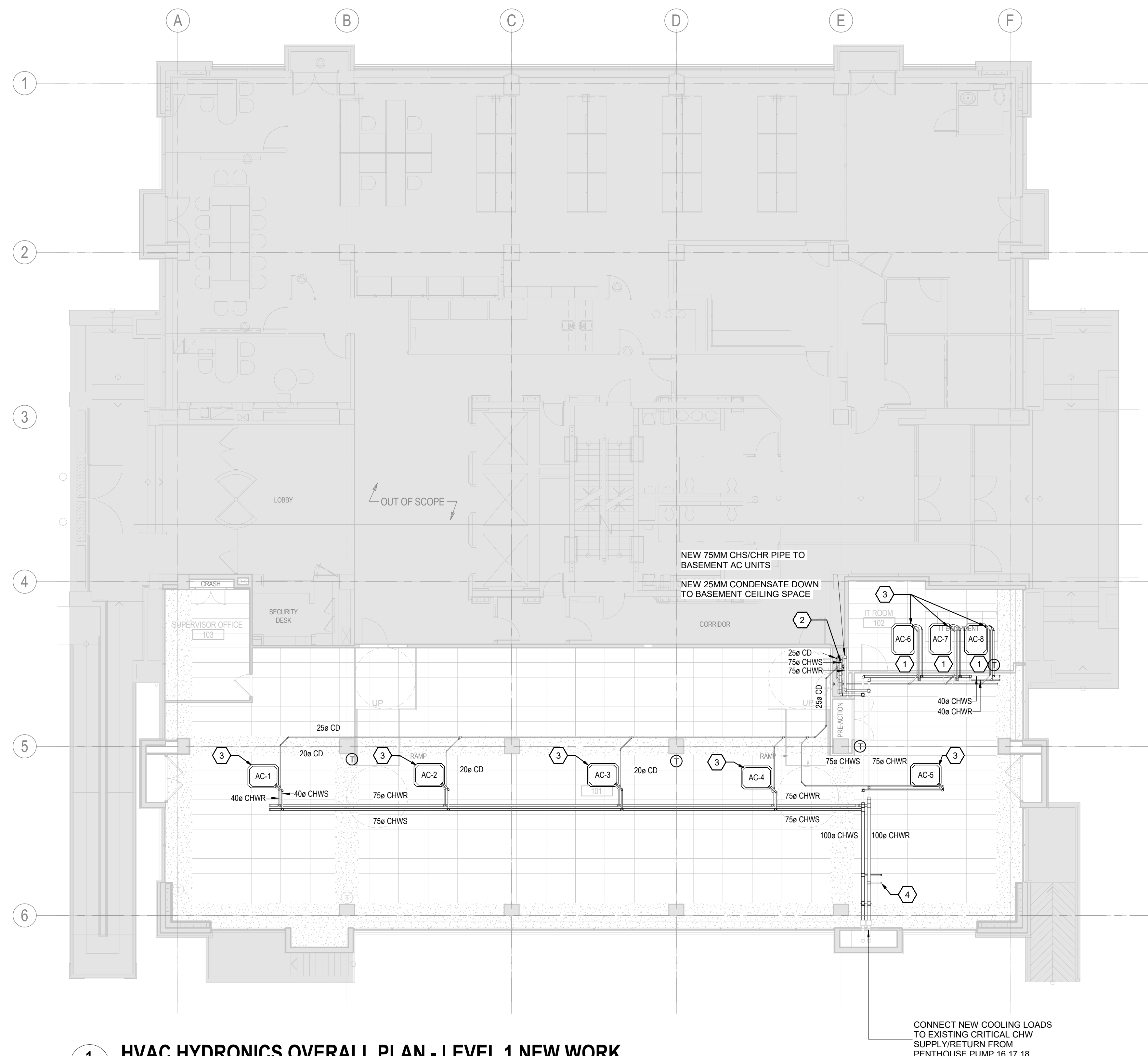


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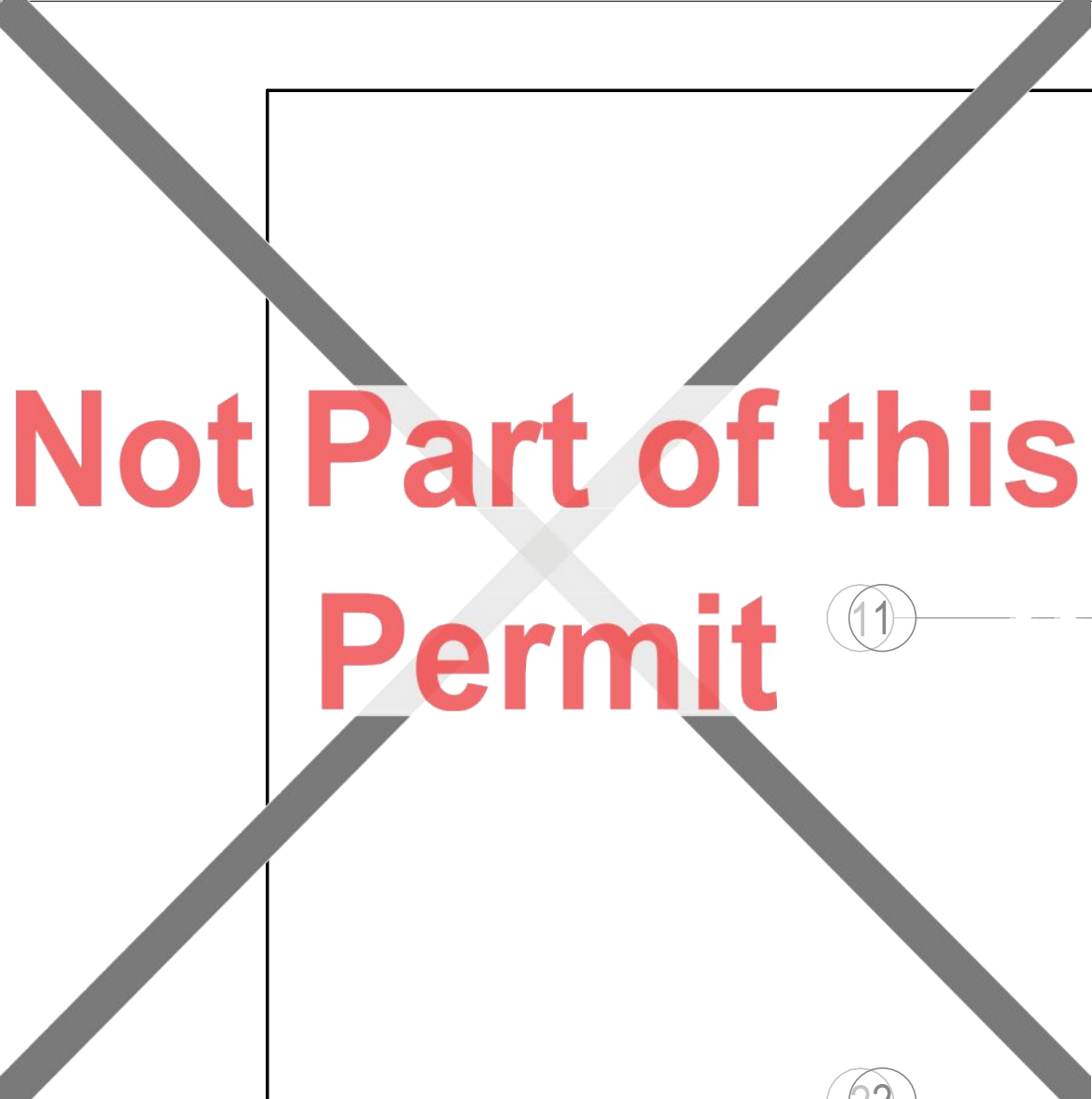
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Title
HVAC HYDRONICS OVERALL PLAN -
LEVEL 1 - NEW WORK

Project No. 135901073	Scale 1 : 100
Revision C	Drawing No. M-402



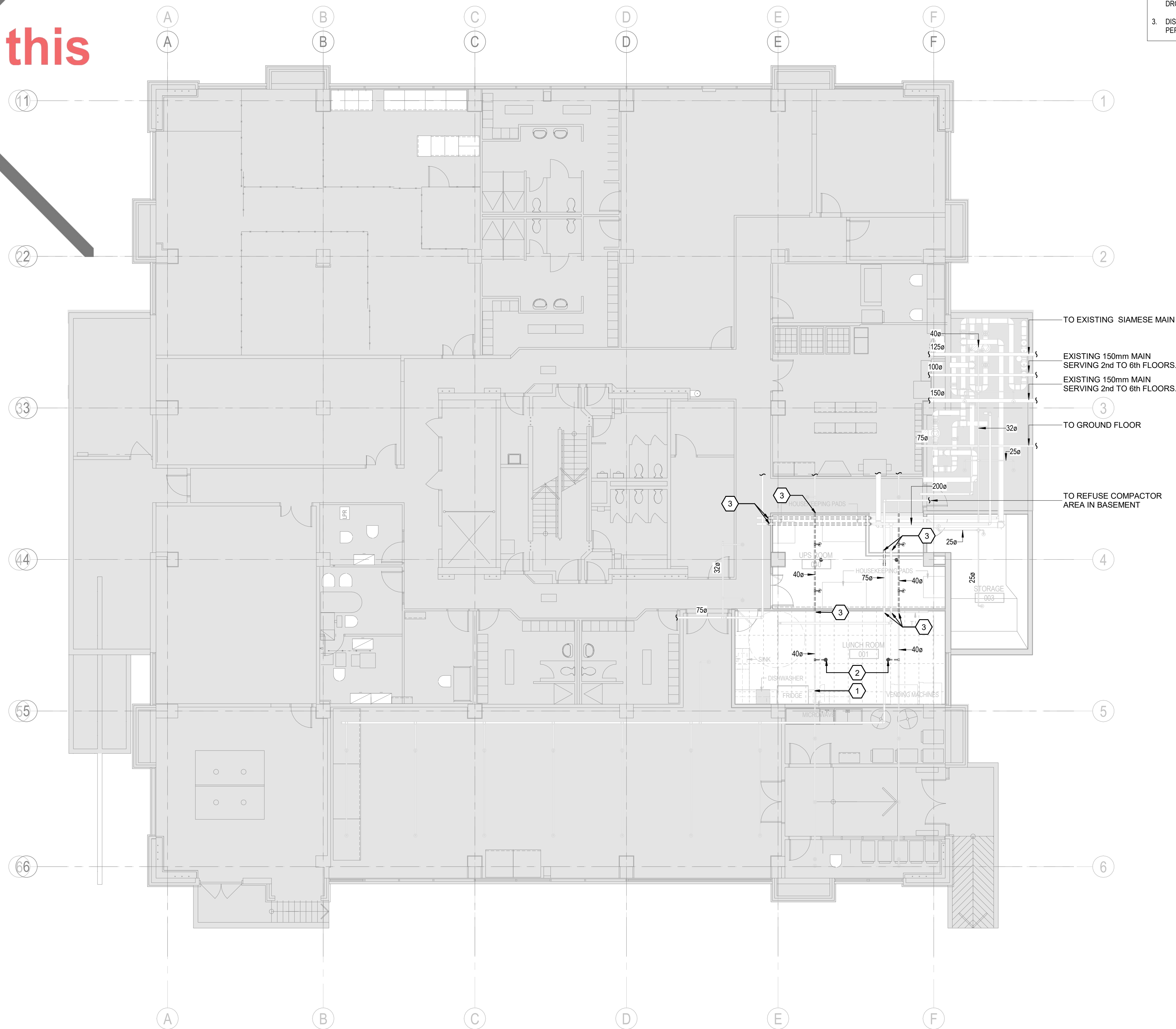
1 HVAC HYDRONICS OVERALL PLAN - LEVEL 1 NEW WORK
M-402 1:100



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- | <u>KEYED NOTES</u> | |
|---------------------------|---|
| 1. | EXISTING FP BRANCH TO REMAIN. |
| 2. | REMOVE EXISTING SPRINKLER HEAD AND ASSOCIATED DROP/ARMOVER CONNECTION TO EXISTING FP BRANCH |
| 3. | DISCONNECT AT THIS LOCATION, OUTSIDE OF UPS ROOM PERIMETER |



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703 Don Mills Road
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Title
FIRE PROTECTION OVERALL PLAN -
BASEMENT - DEMOLITION

Project No.

135901073

Revised
C

Scale

As indicated

MD-501

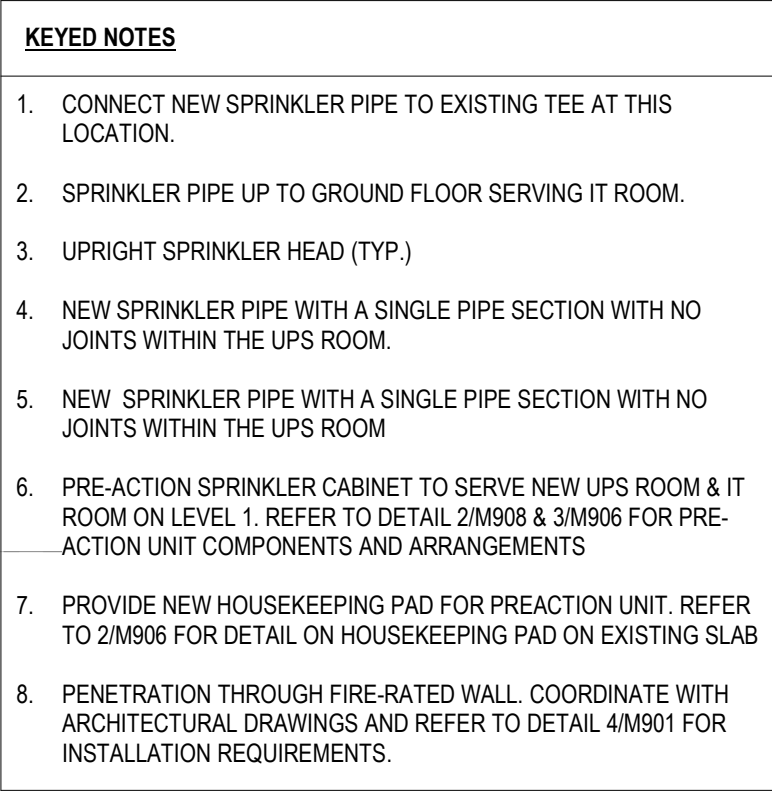
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- CONNECTION POINT



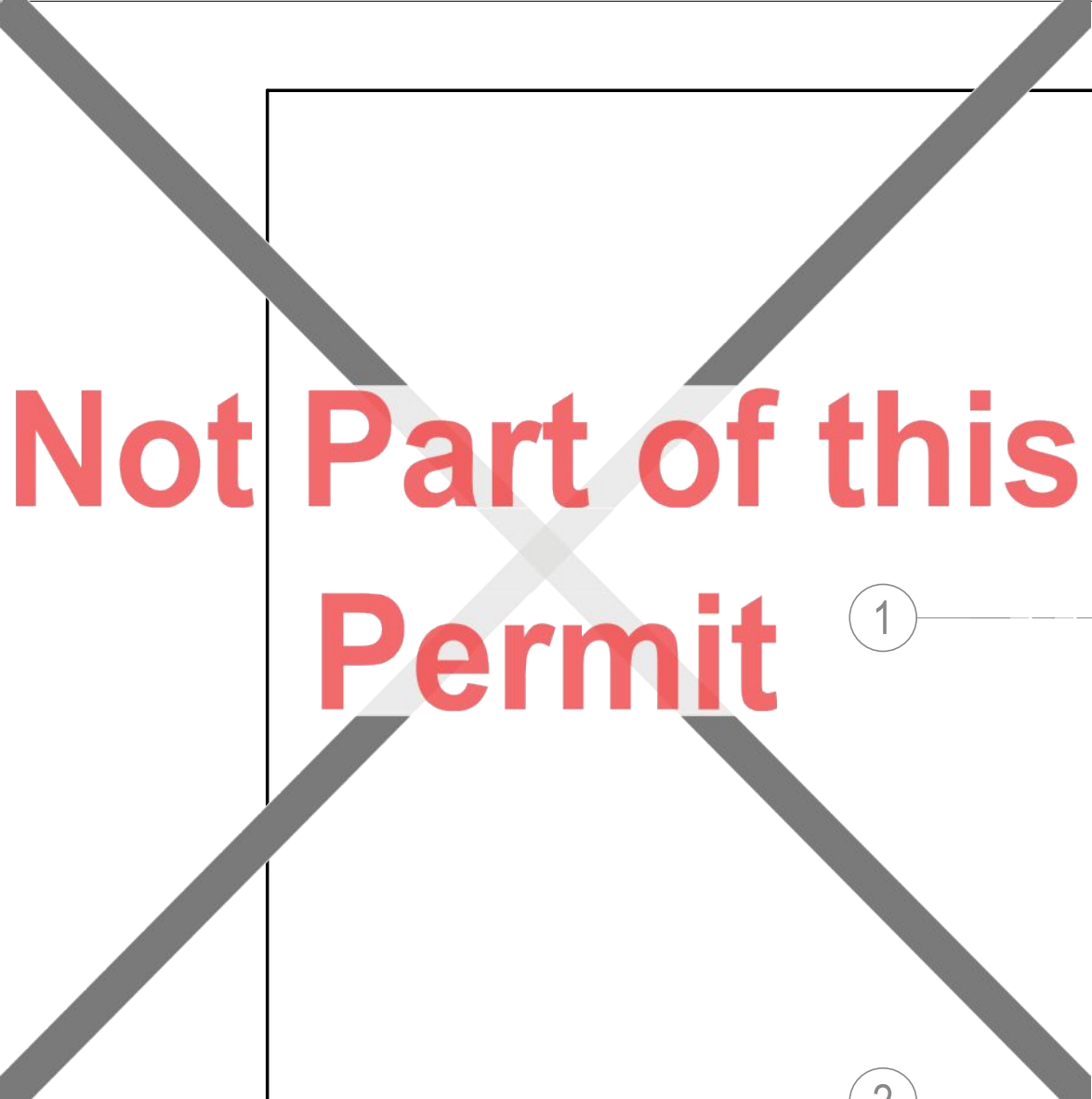
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M-501

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

- | <u>KEYED NOTES</u> | |
|---------------------------|---|
| 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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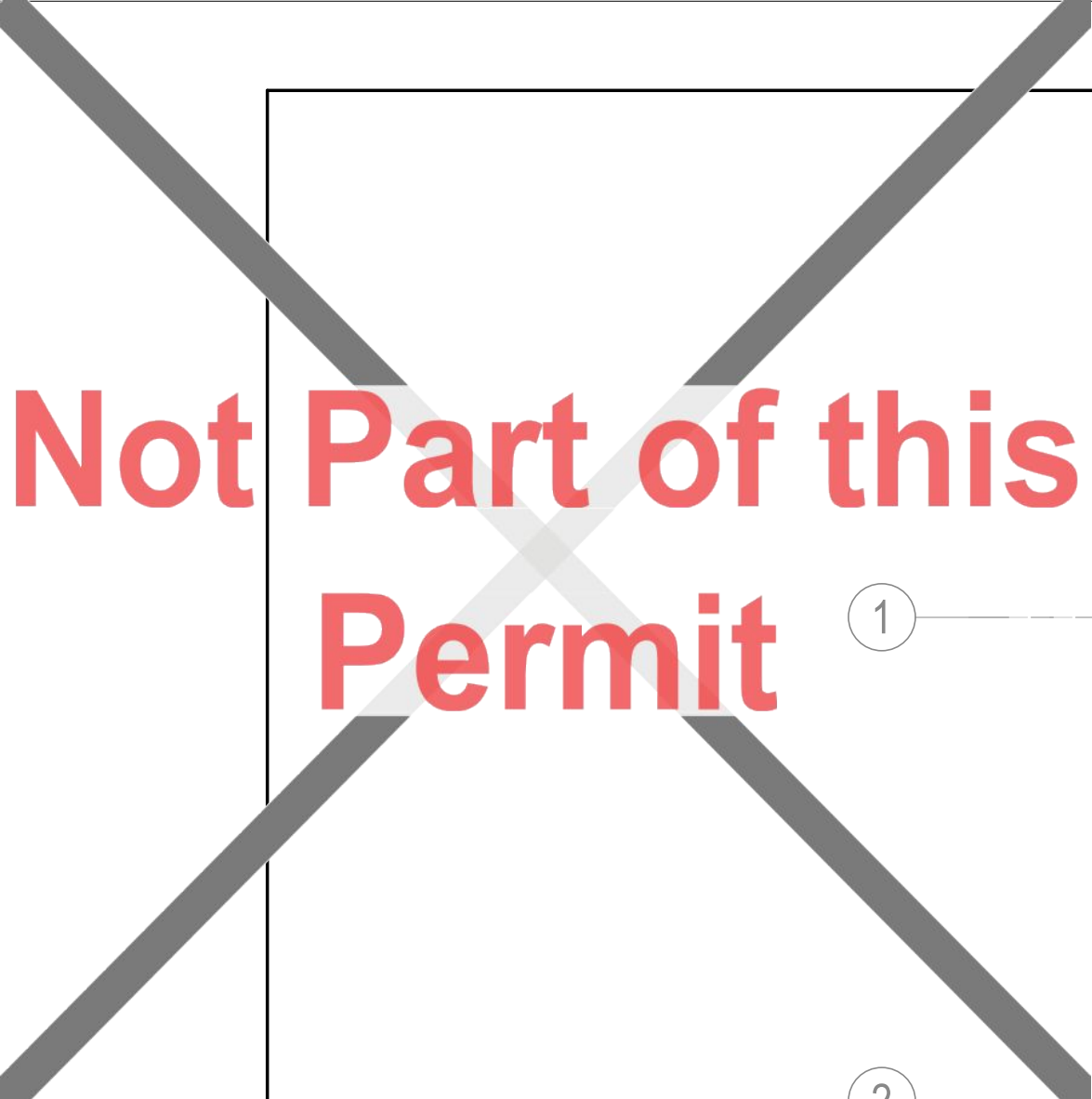
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Title
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LEVEL 1 - DEMOLITION

Project No. 135901073	Scale As indicated
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Revision **C** Drawing No. **MD-502**

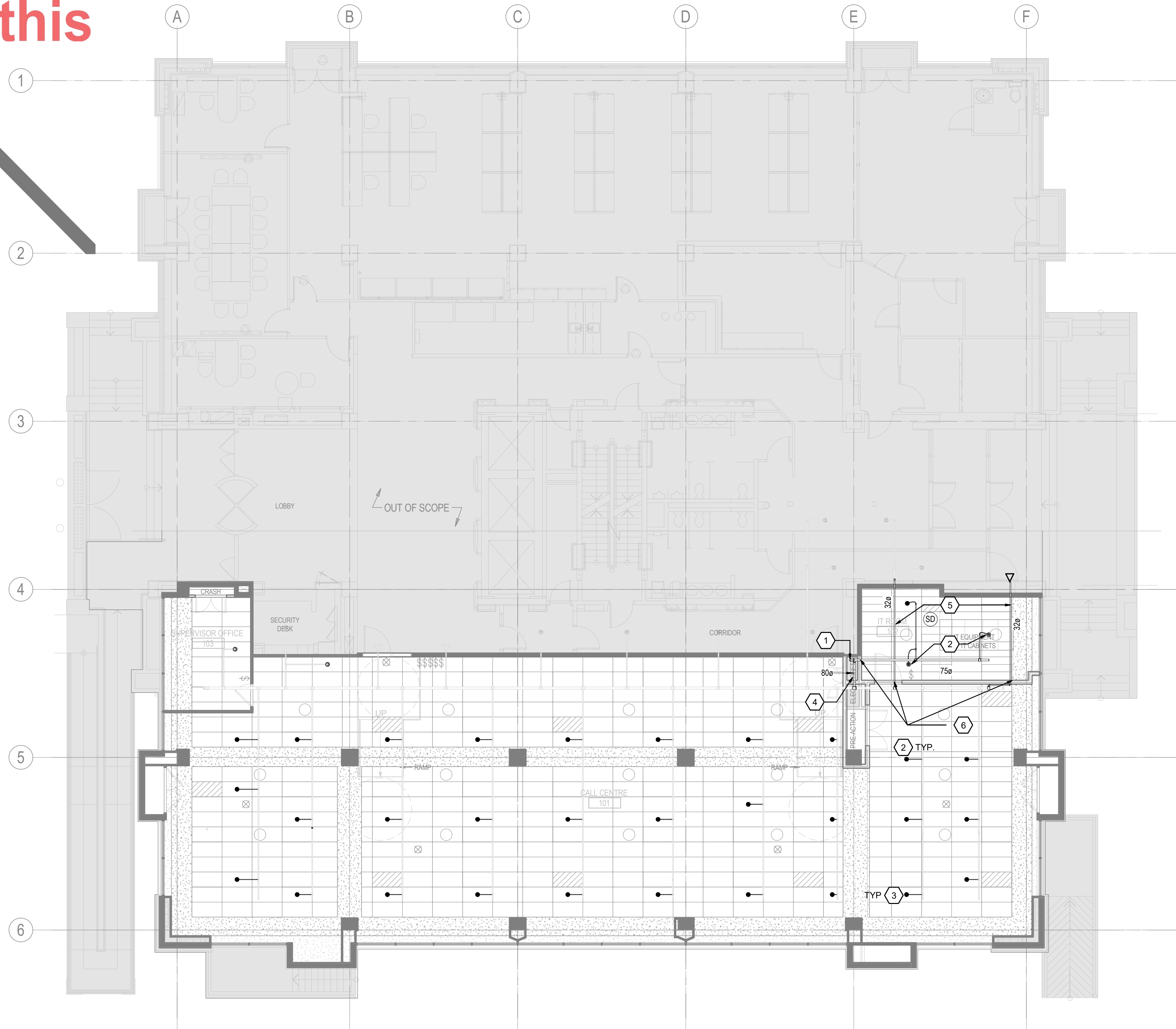
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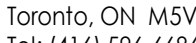


1 FIRE PROTECTION OVERALL PLAN - LEVEL 1 NEW WORK

- 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 LAUNCH, 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 TIE 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 720, NFPA 2001, 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

[illegible]

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

Issued/Revision

File Name: N/A	Author	SY	VPW	10/07/25
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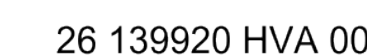
Title

FIRE PROTECTION OVERALL PLAN -
LEVEL 1 - NEW WORK

Project No. 135901073	Scale 1 : 100
Revision C	Drawing No. M-502



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File Name: N/A Author SY VPW 10/07/2010

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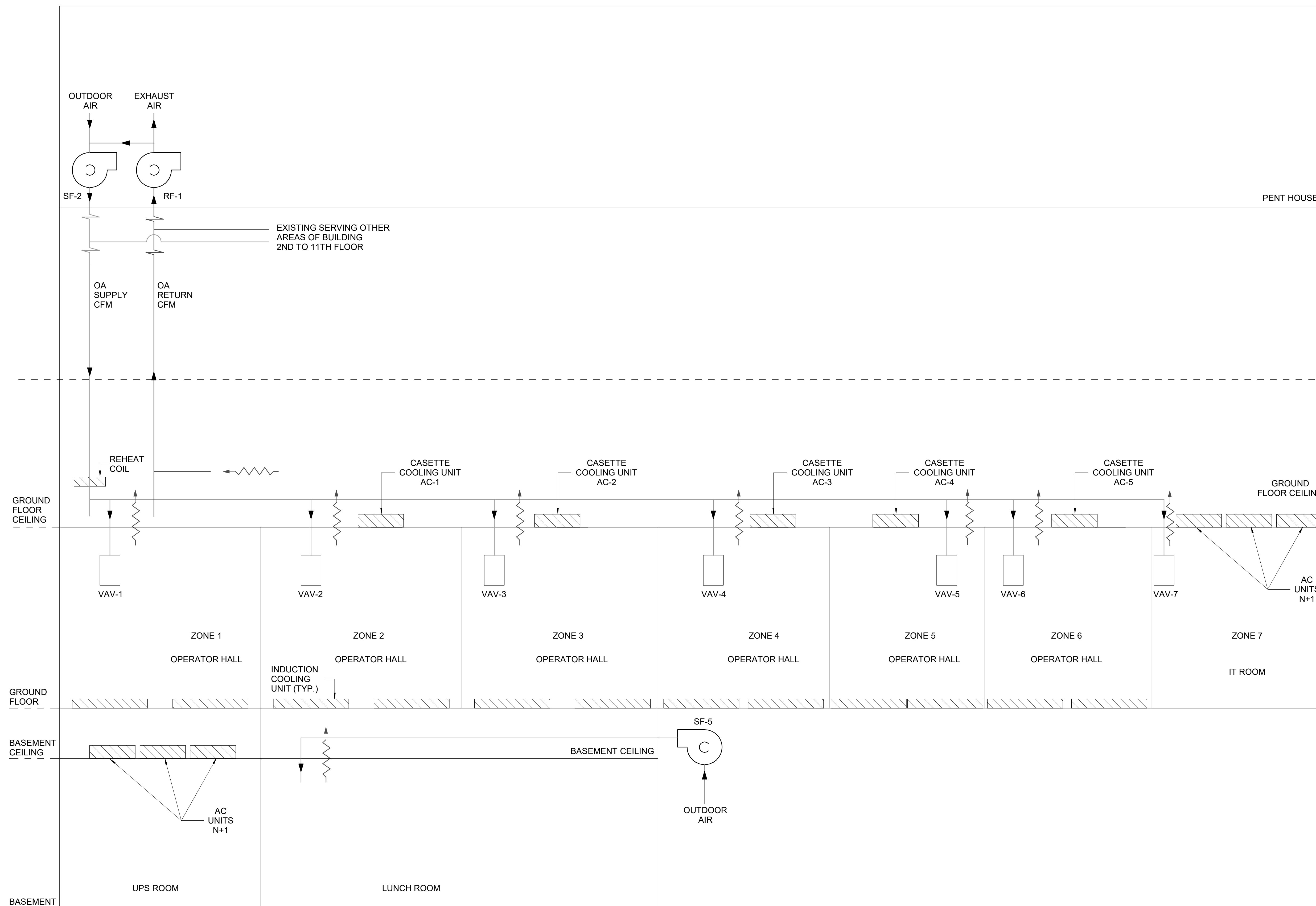
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Title
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Project No.	Scale
135901073	N.T.S.

Revision **C** Drawing No. **M-601**

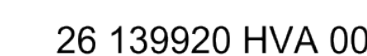
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A	ISSUED FOR 50% REVIEW	SY	GF	2026.01.3
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File Name: N/A	Author	SY	VPW	10/07/2
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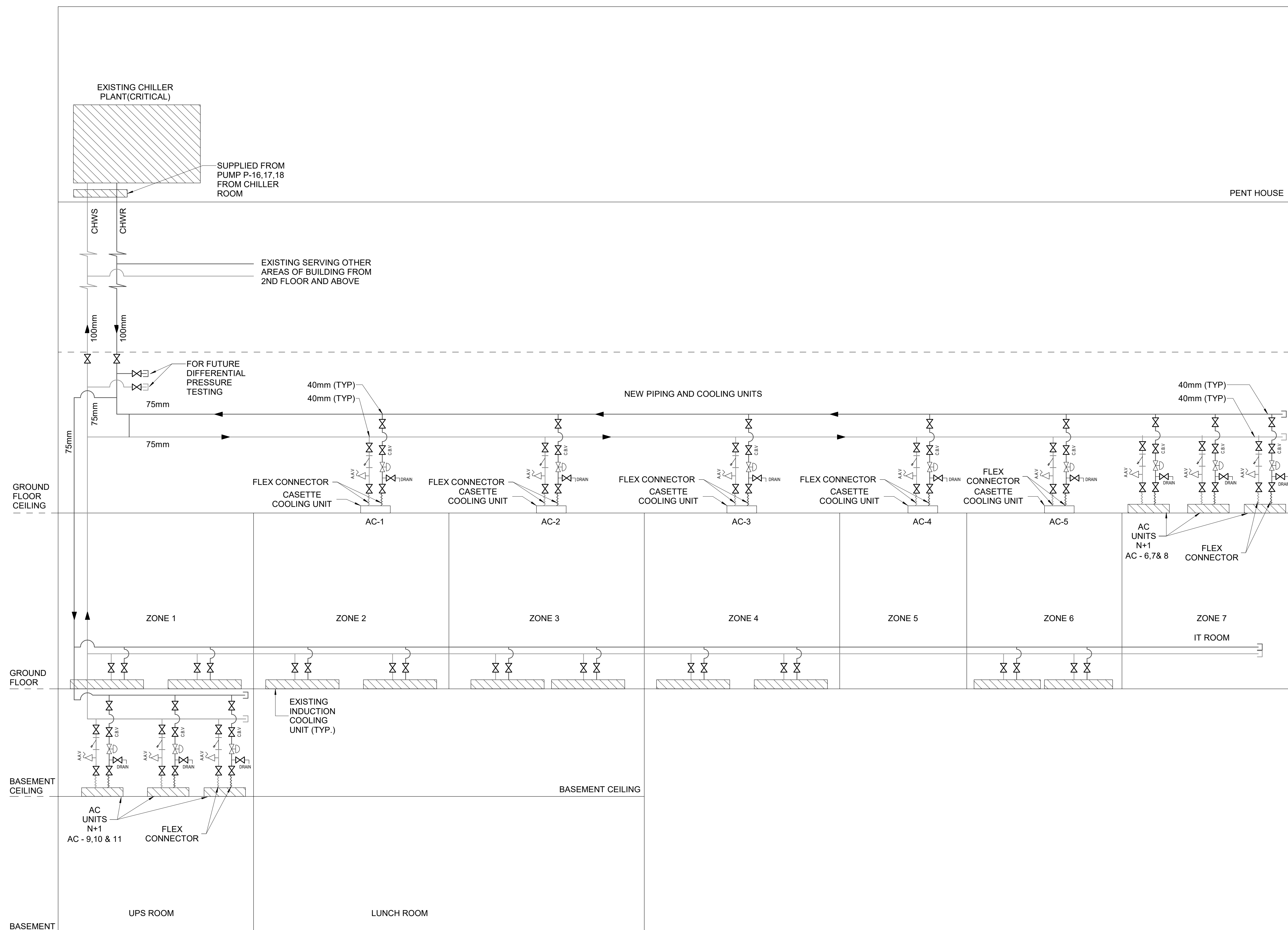
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Title
CHILLED WATER PIPING SCHEMATIC

Project No.	Scale
135901073	N.T.S.

Revision **C** Drawing No. **M-602**



1 CHILLED WATER PIPING SCHEMATIC

1

D

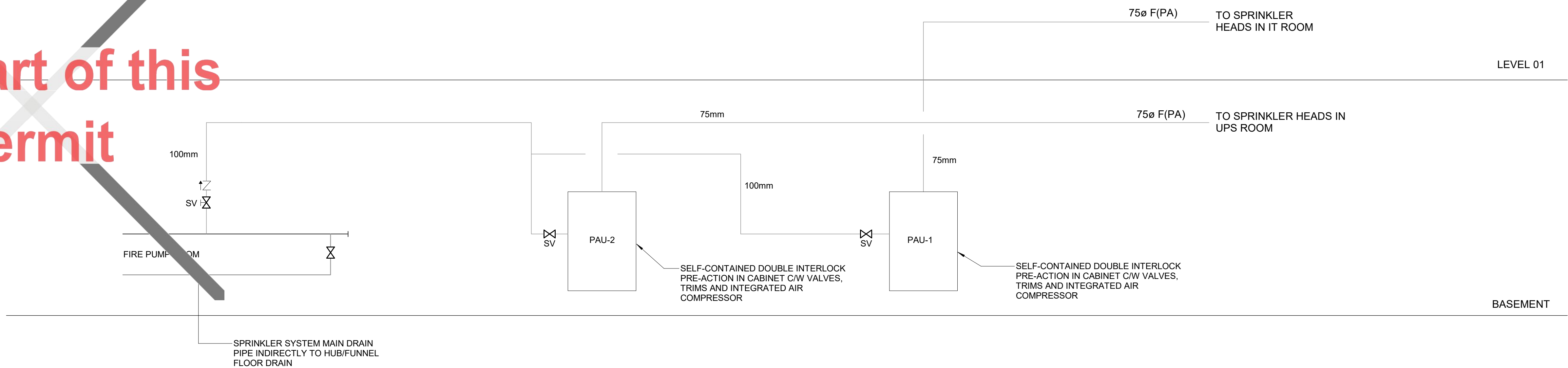
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SV

FIRE PUMP ROOM

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1 FIRE PROTECTION SCHEMATIC

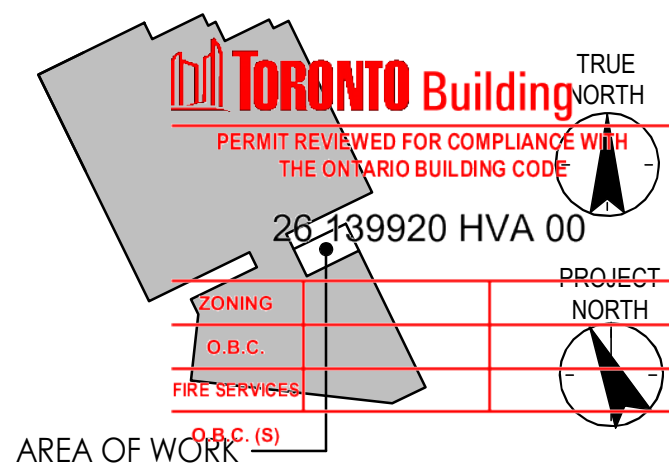


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KEY PLAN



Notes

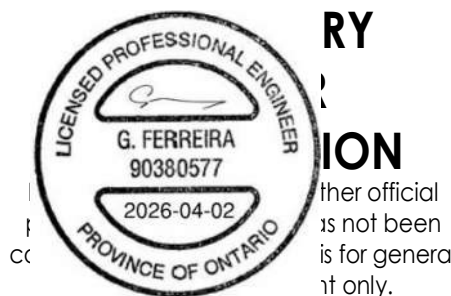
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FIRE PROTECTION SCHEMATICS

Project No.

135901073

Revision

Scale

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M-603

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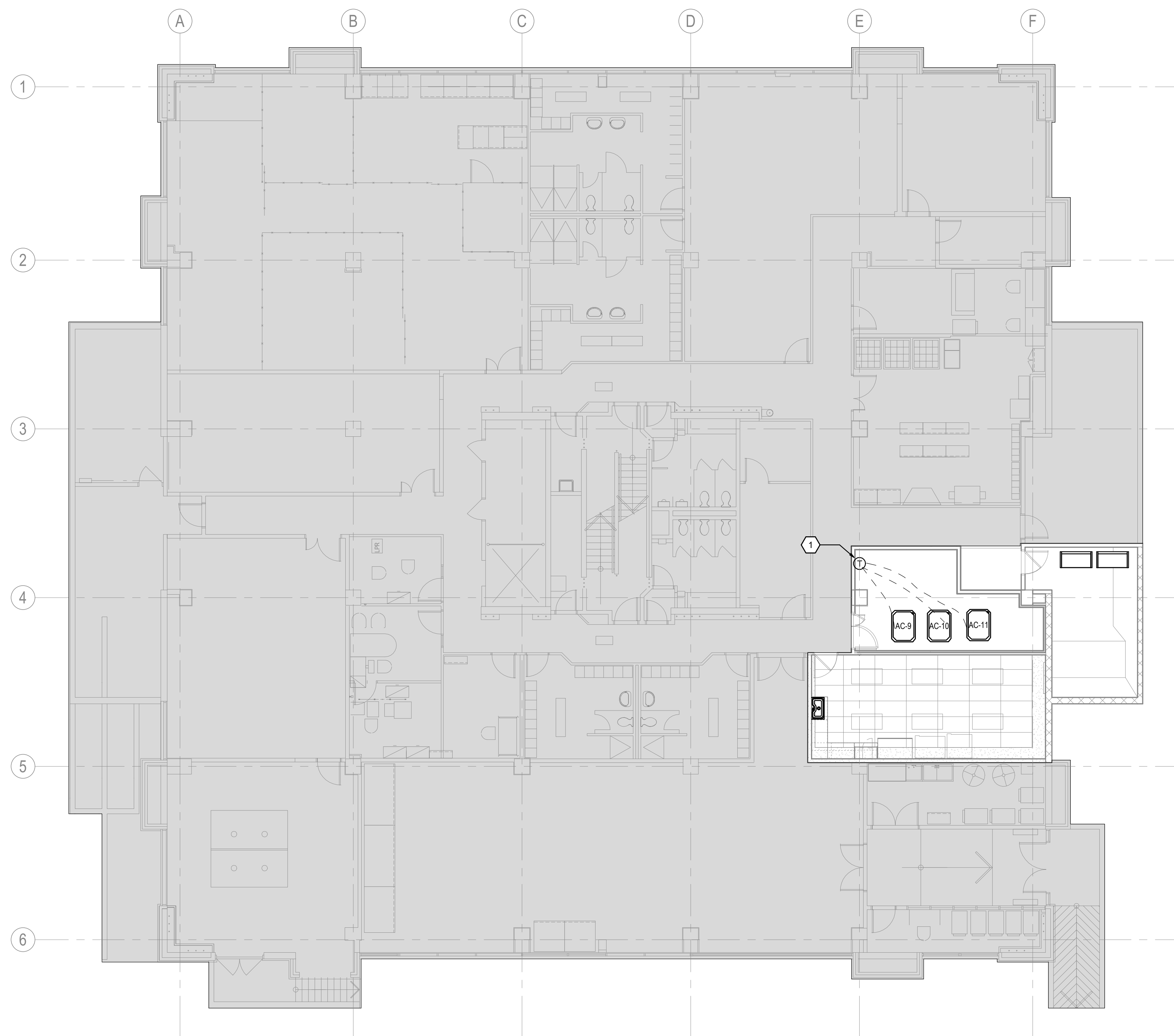
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Title
BAS OVERALL PLAN - BASEMENT

Project No. 135901073	Scale As indicated
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Revision **C** Drawing No. **M-701**



2 BAS OVERALL PLAN - BASEMENT

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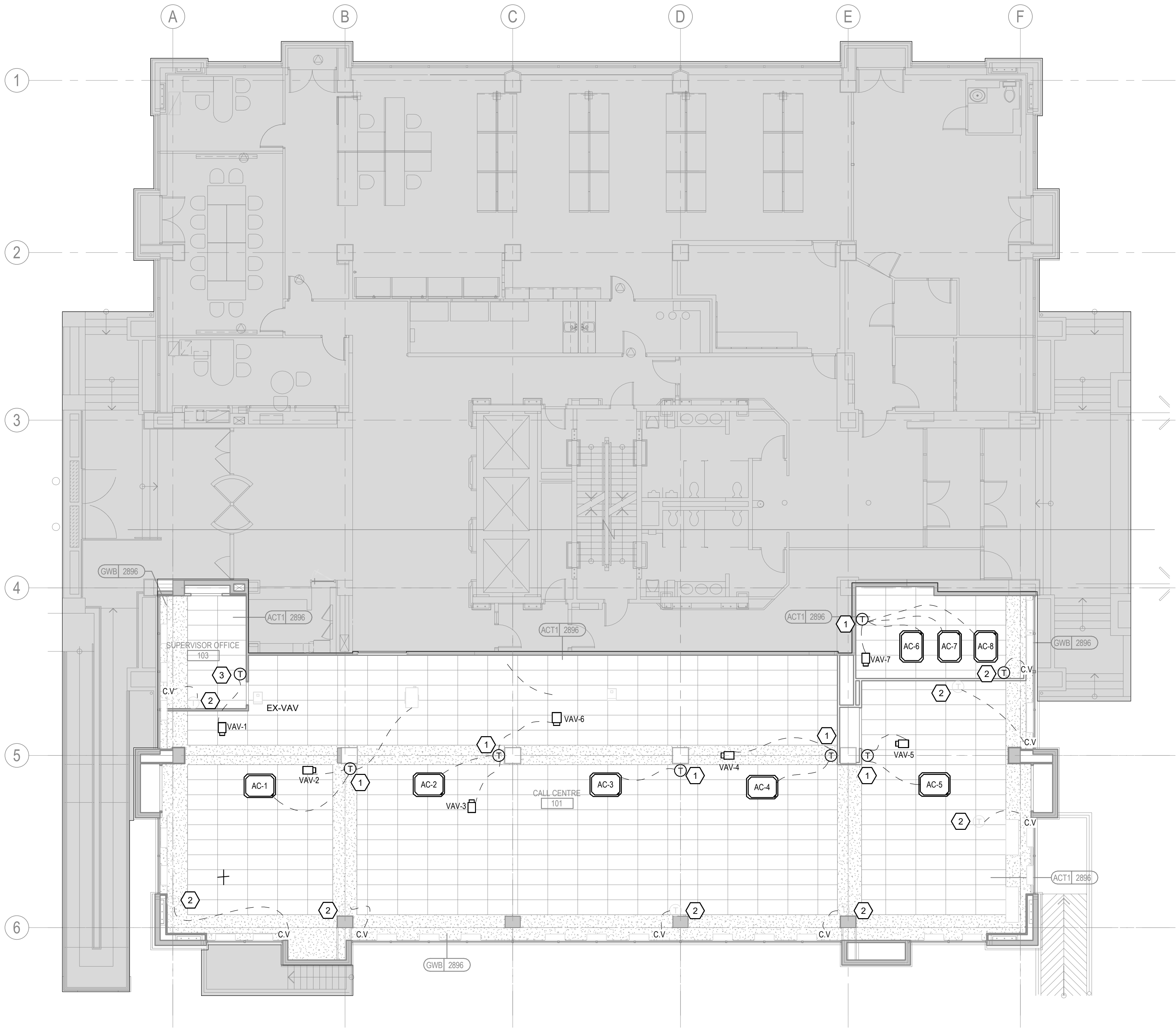
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Title
BAS OVERALL PLAN - LEVEL 1

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

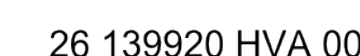


1 BAS OVERALL PLAN - LEVEL 1
M-702 1 : 100



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A	ISSUED FOR 50% REVIEW			SJ	Gf		2026.01.
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File Name:	N/A	Author	SJ	VPRV			10/07/2
Date:		Dscr	Chkt				YYYY MM

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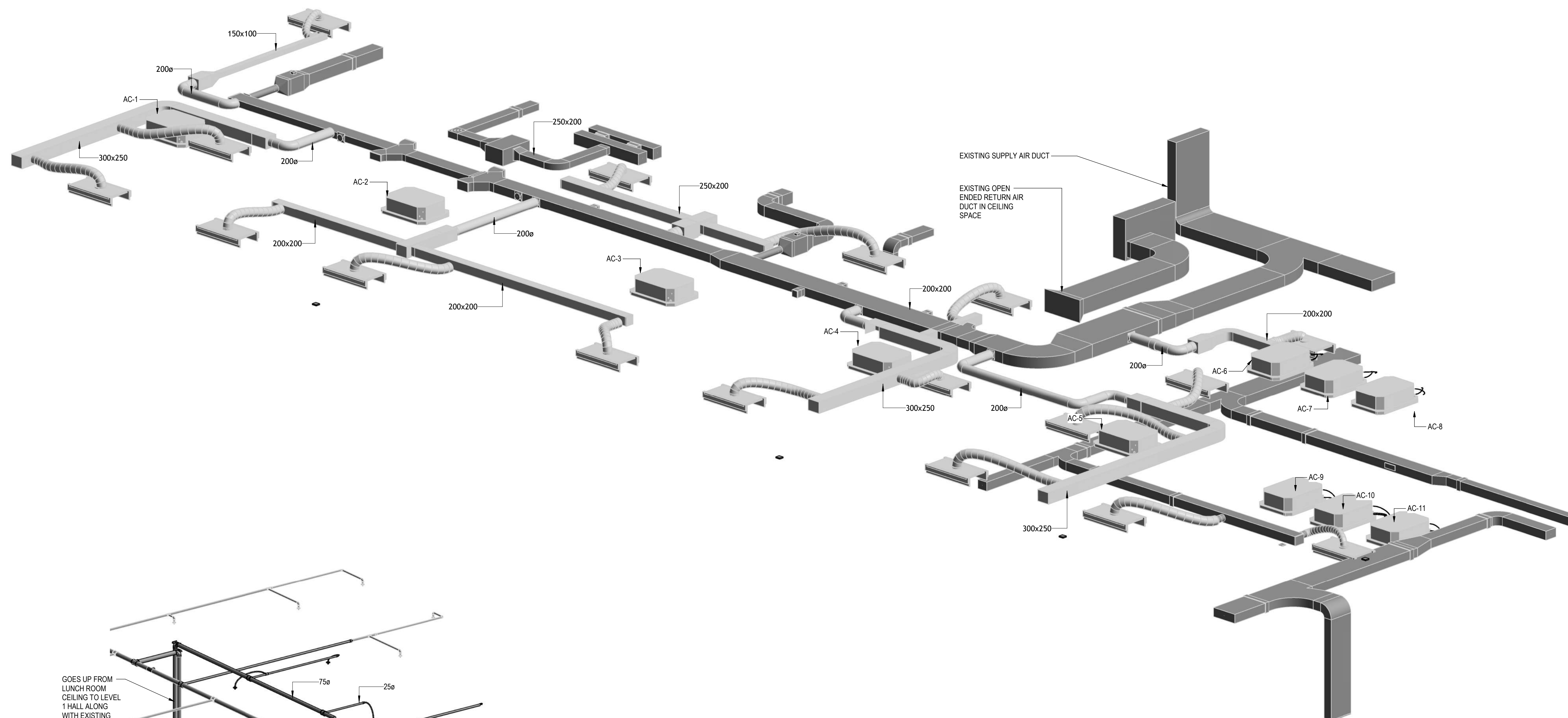
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SECTION AND ISOMETRIC

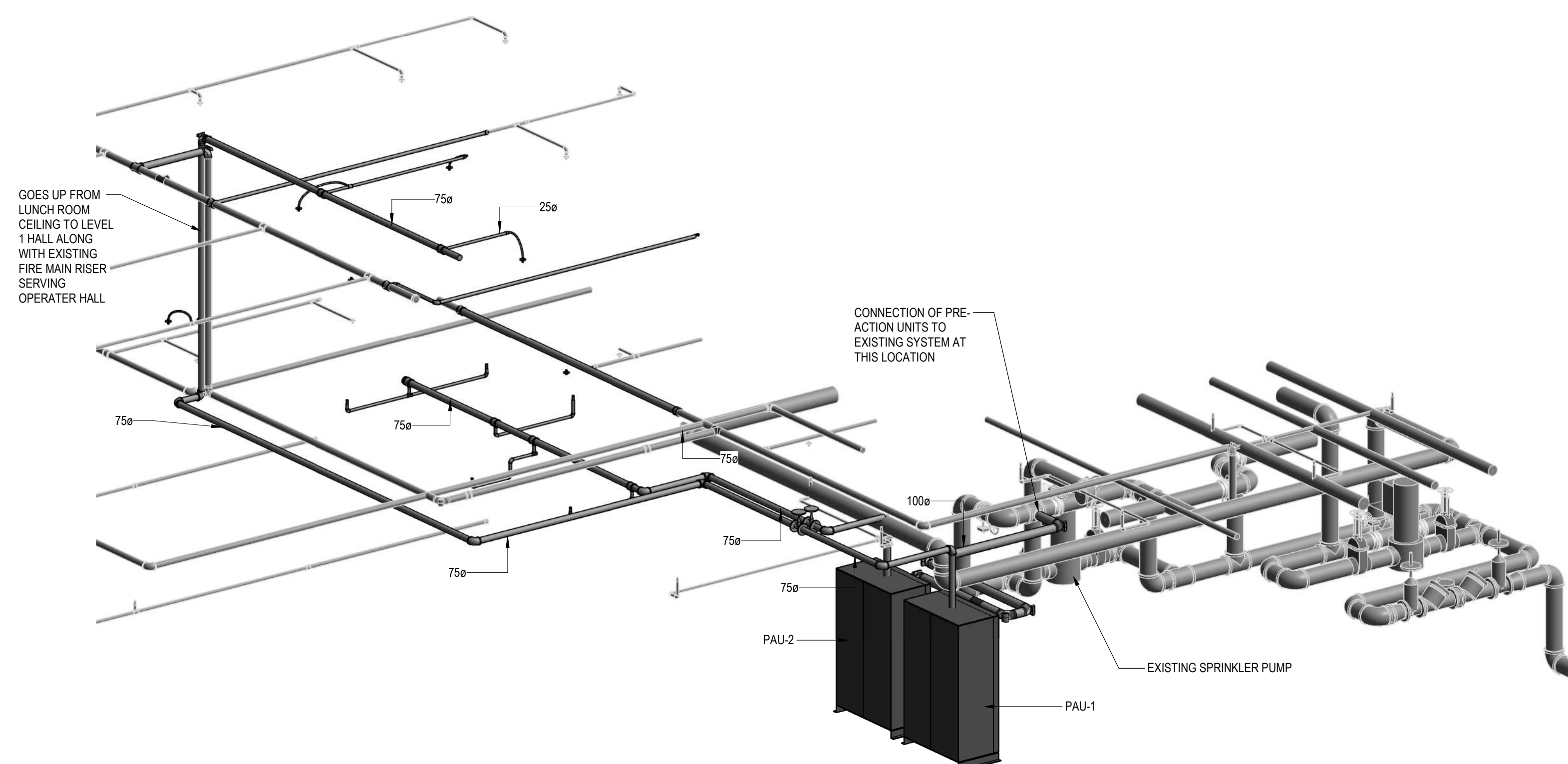
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Revision **C** Drawing No. **M-802**

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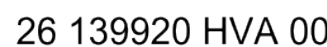
2 ISOMETRIC VIEW - HVAC



1 ISOMETRIC VIEW - FIRE PROTECTION



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1/1/2018

File Name: N/A	Author	SY	VPW	10/07/25
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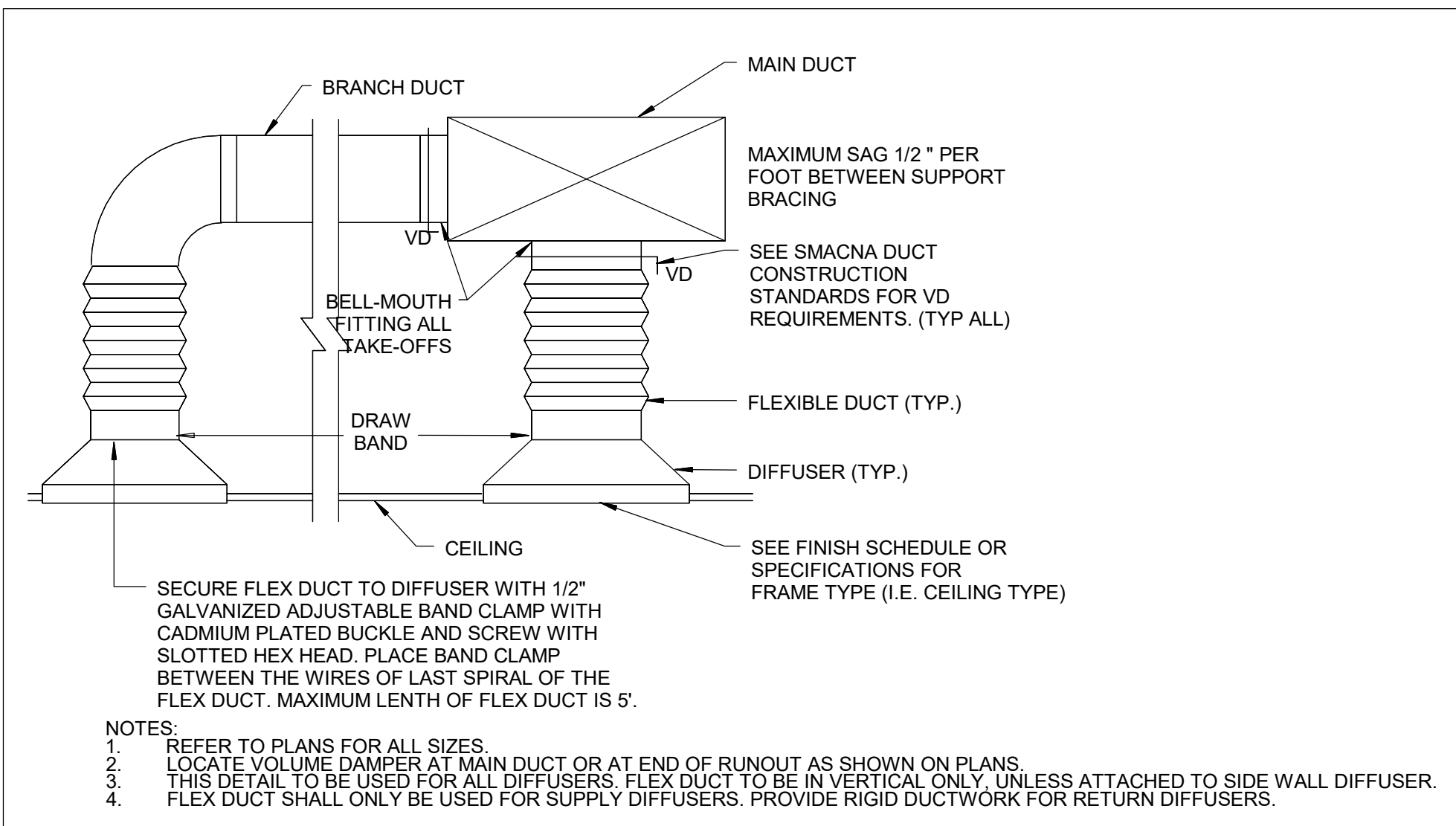
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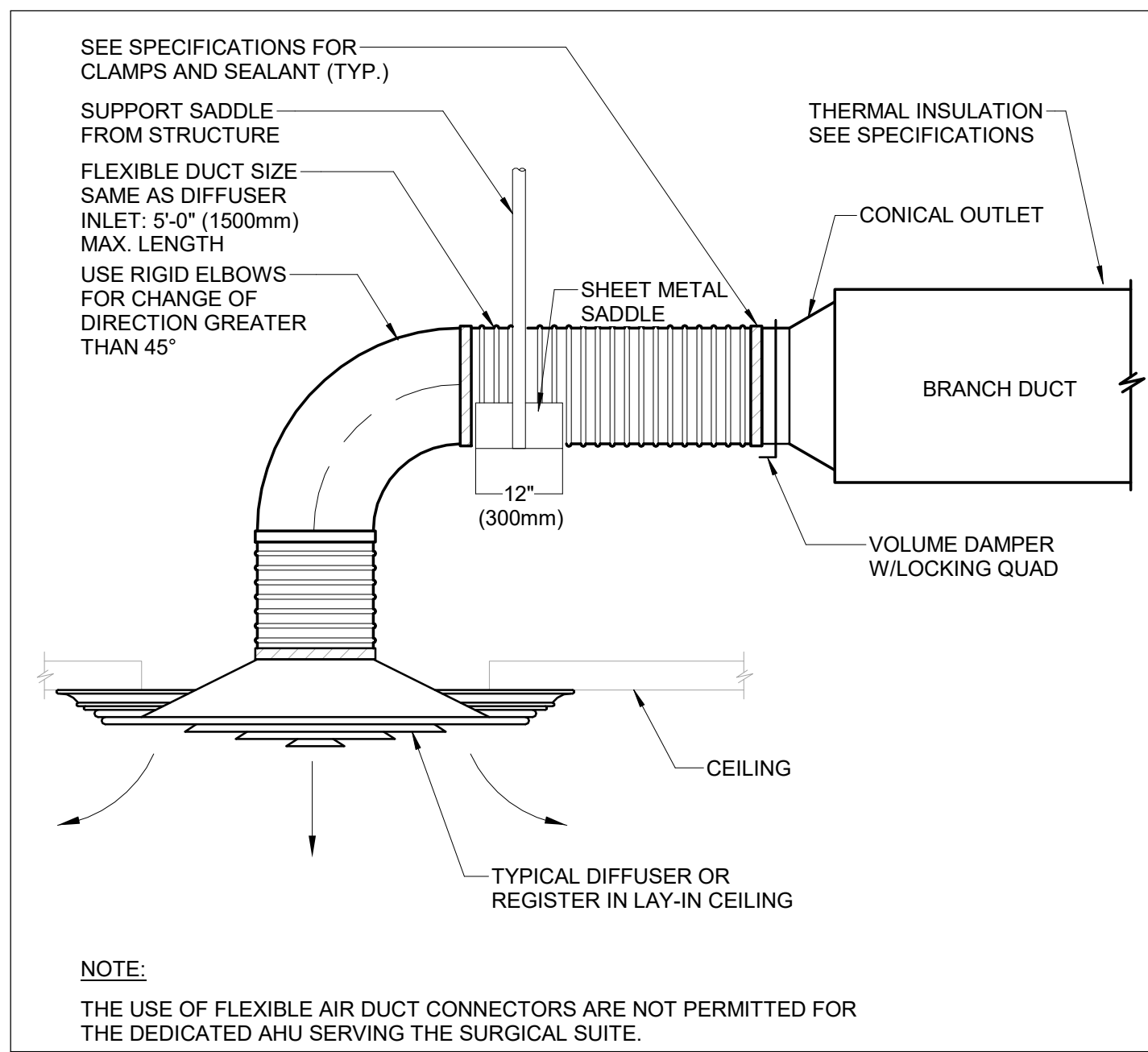
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MECHANICAL DETAILS

Project No. 135901073	Scale As indicated
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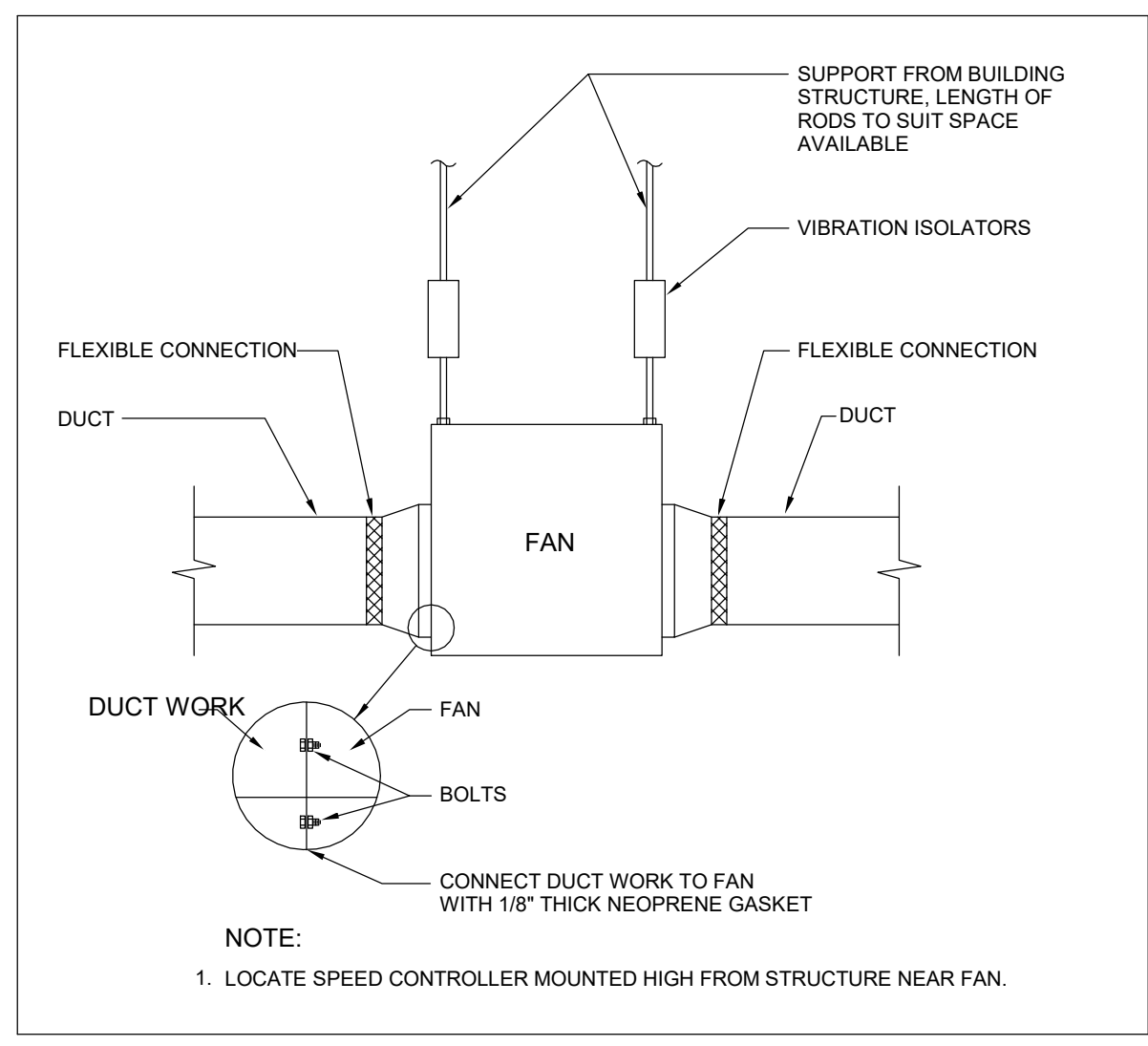
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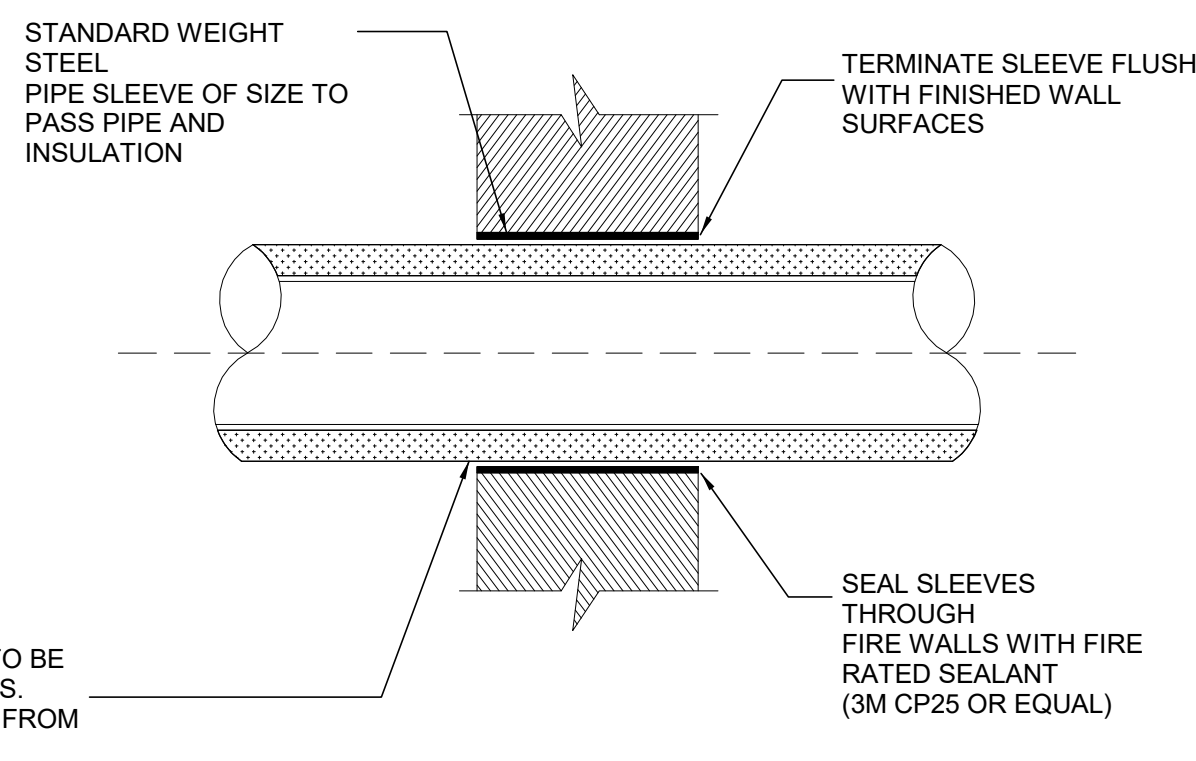
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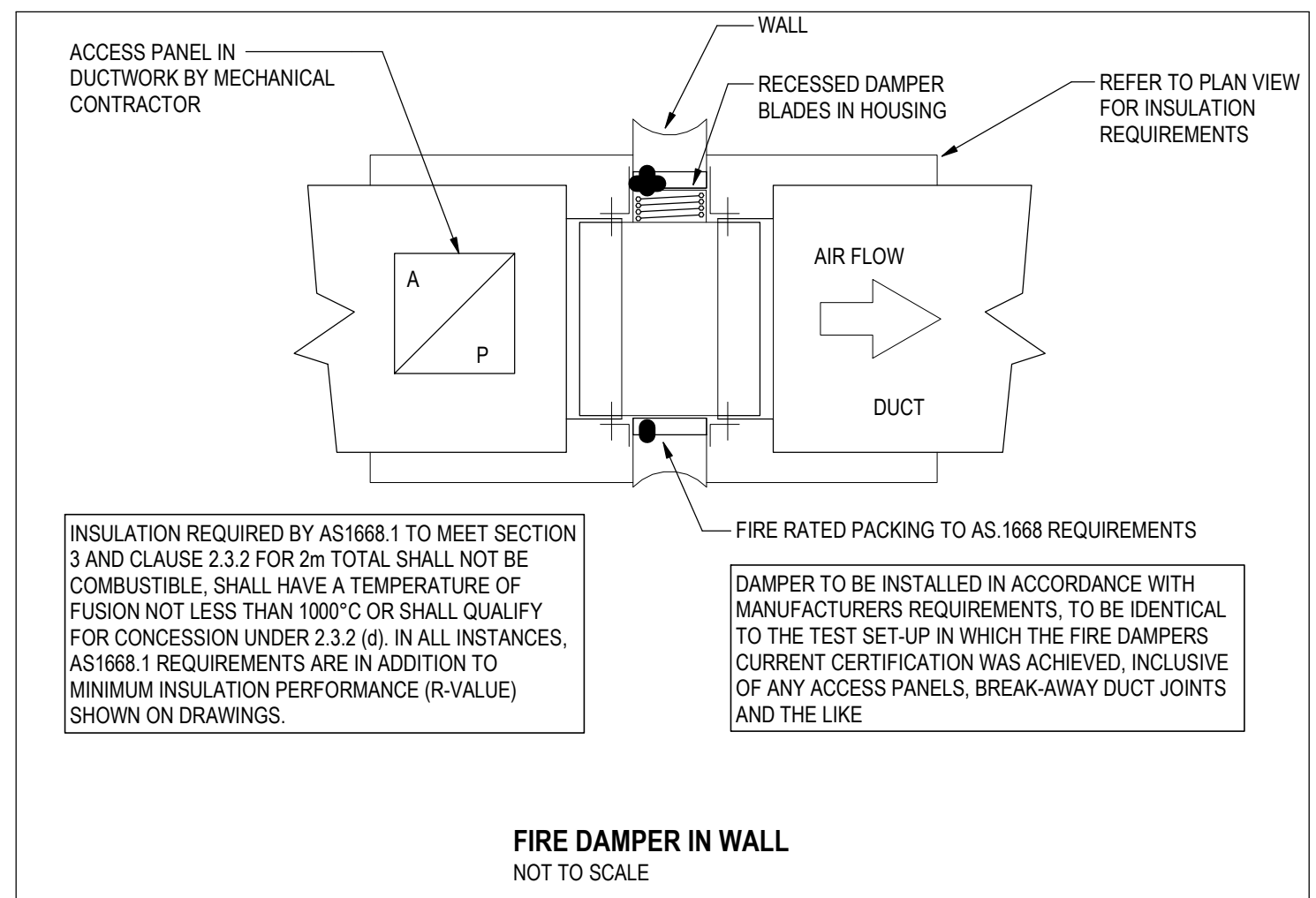
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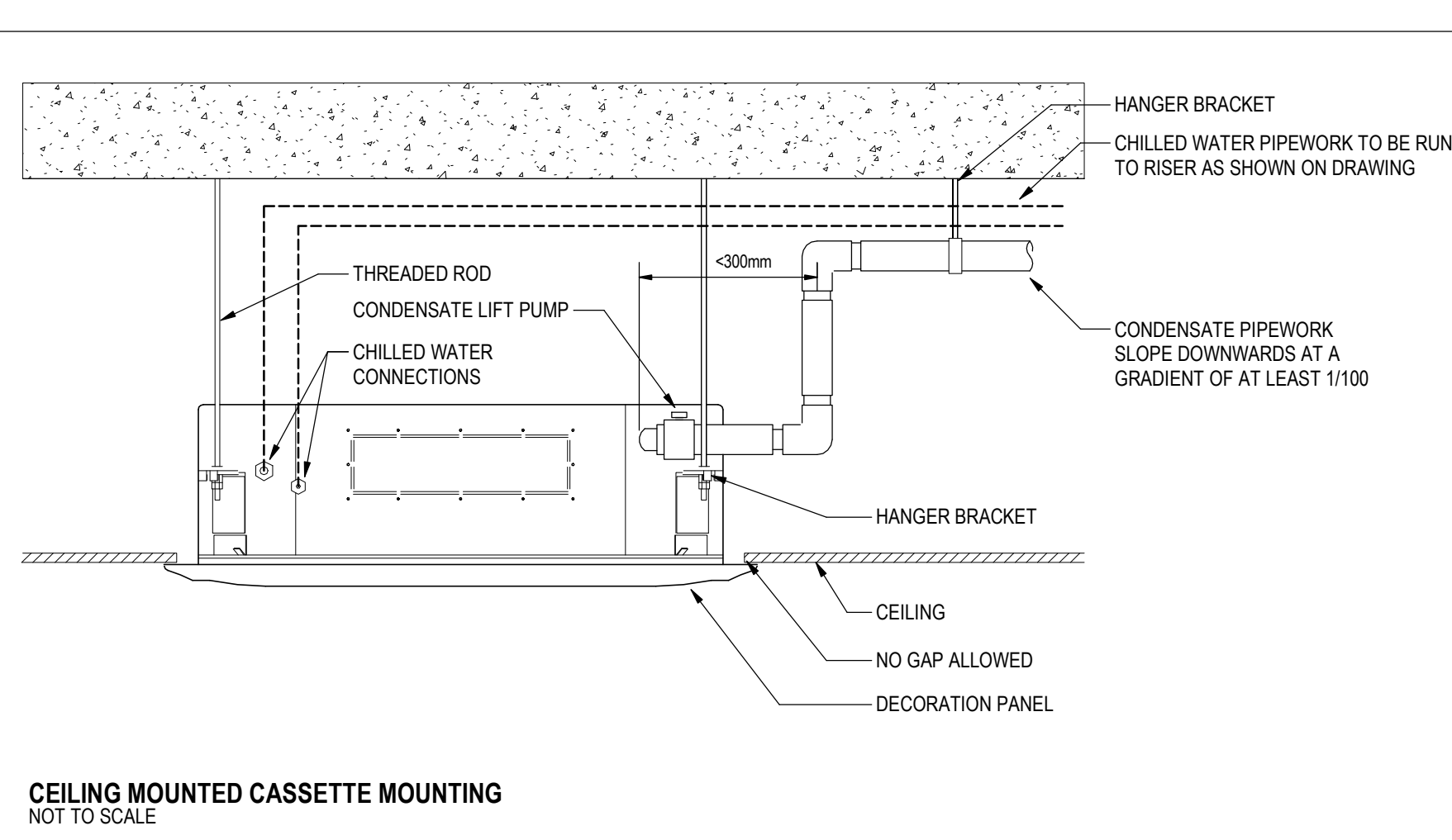
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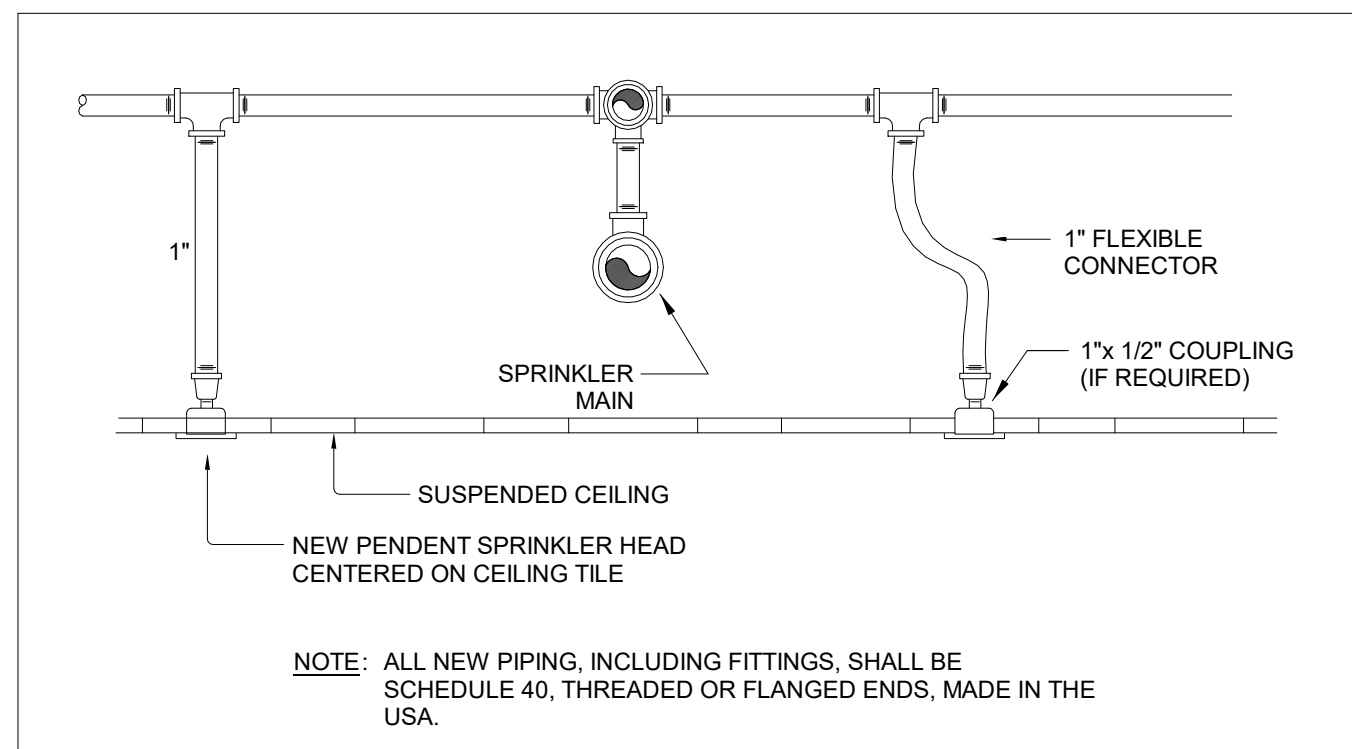
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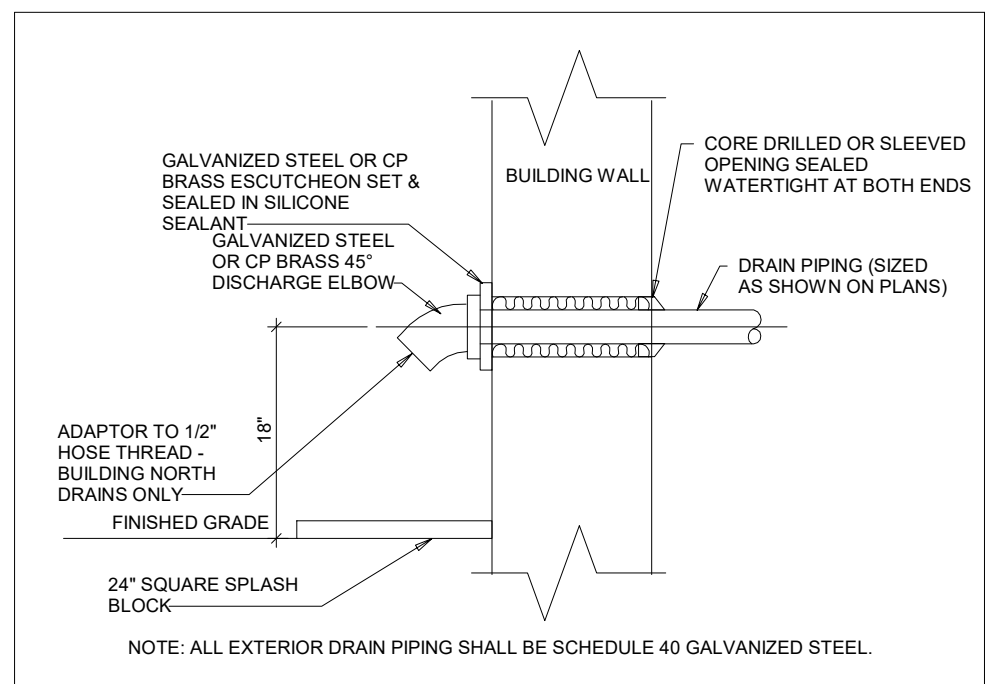
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M-901 NTS



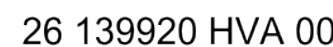
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M-901	NTS
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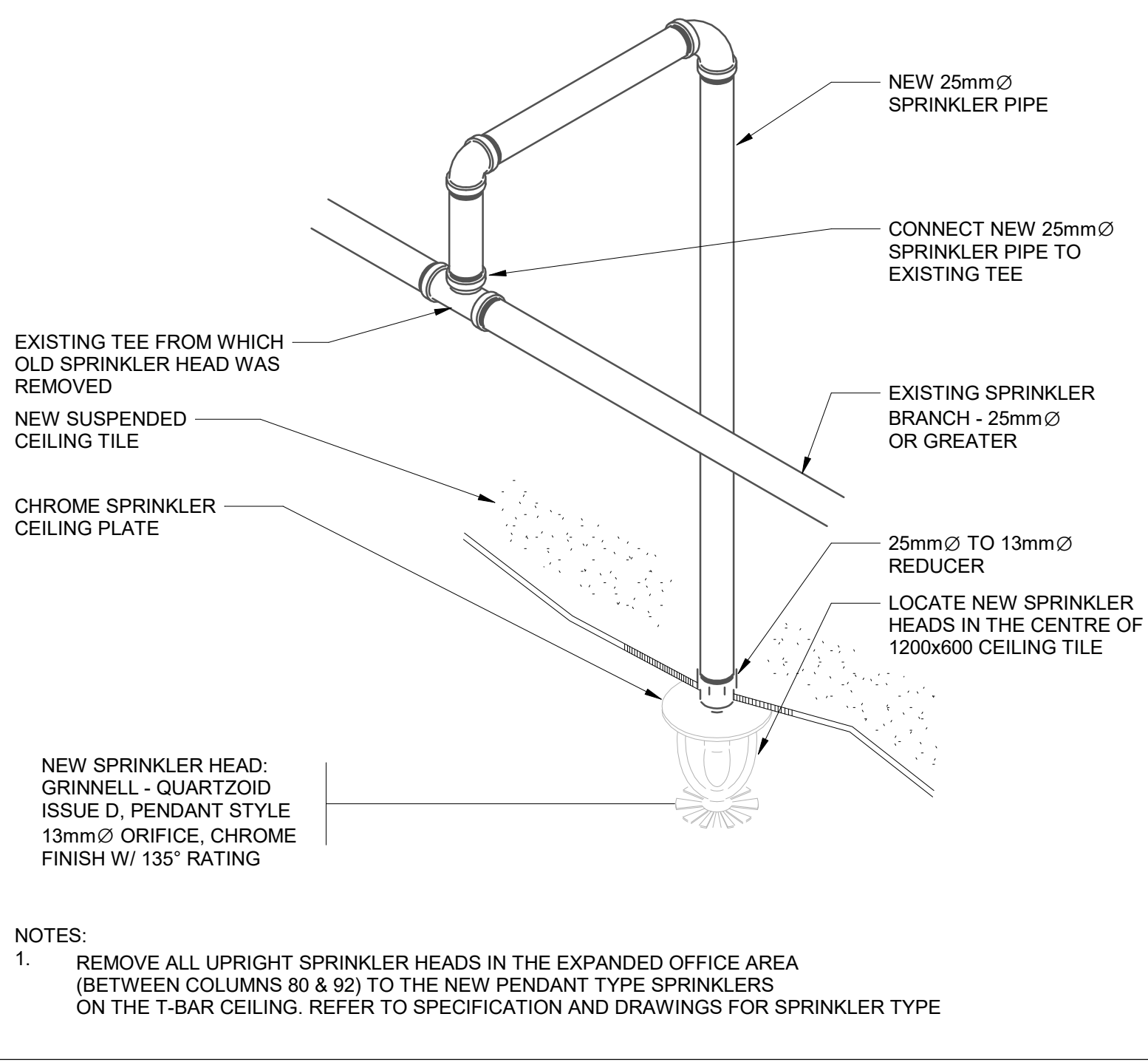
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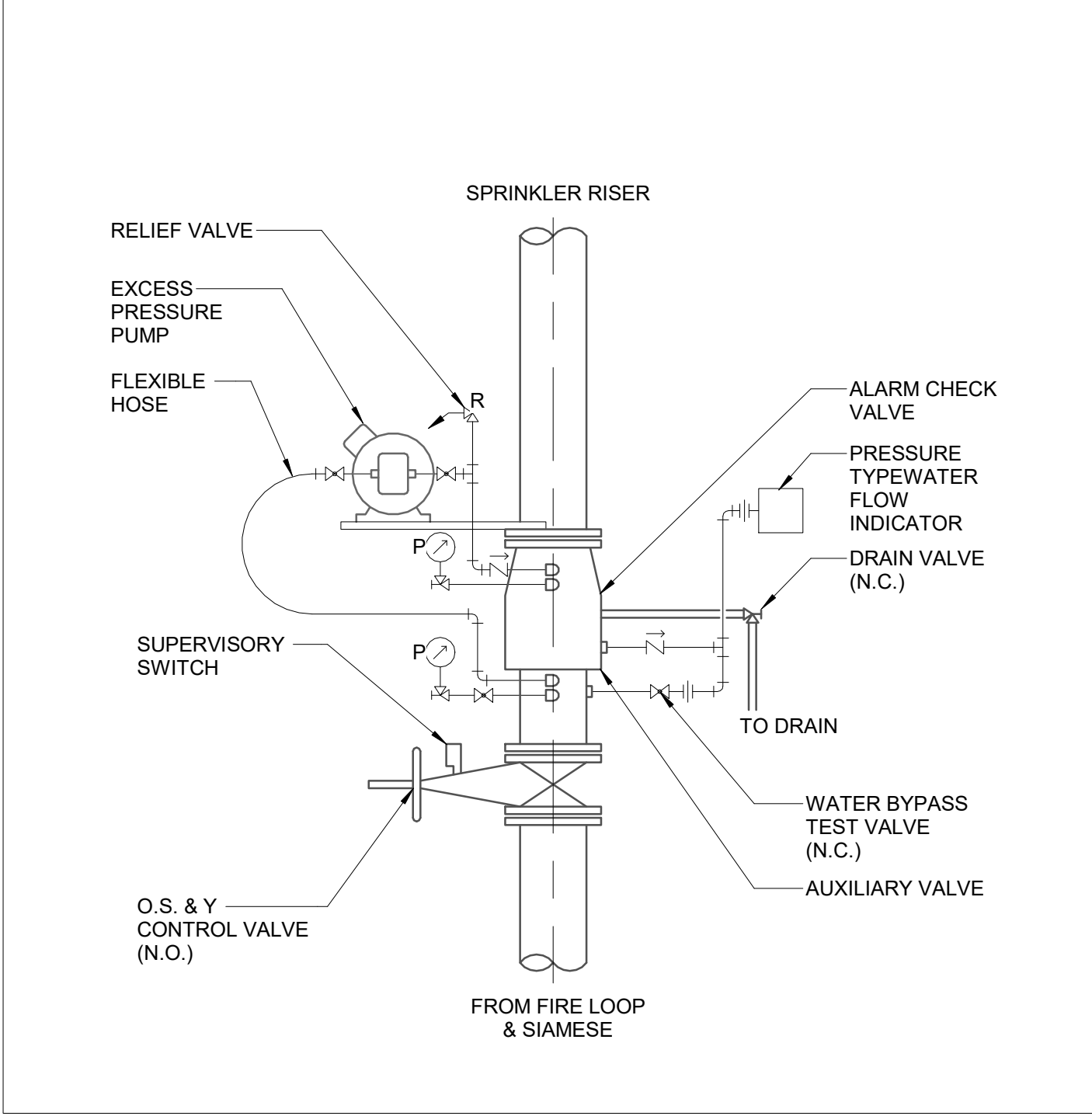
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Revision C	Drawing No. M-903



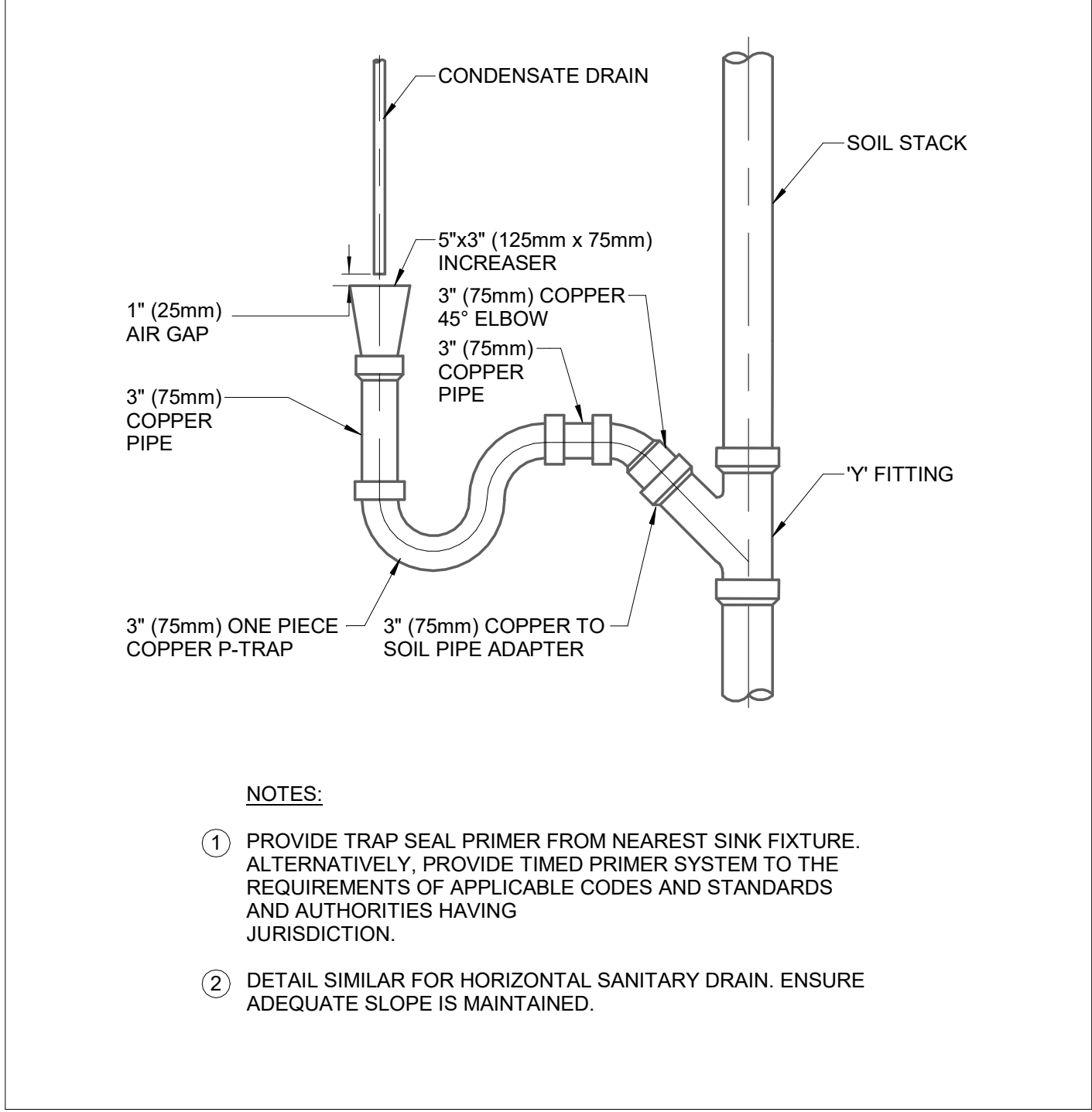
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B	ISSUED FOR 80% REVIEW	SY	GF	2024.03.04
A	ISSUED FOR 50% REVIEW	SY	GF	2024.01.30
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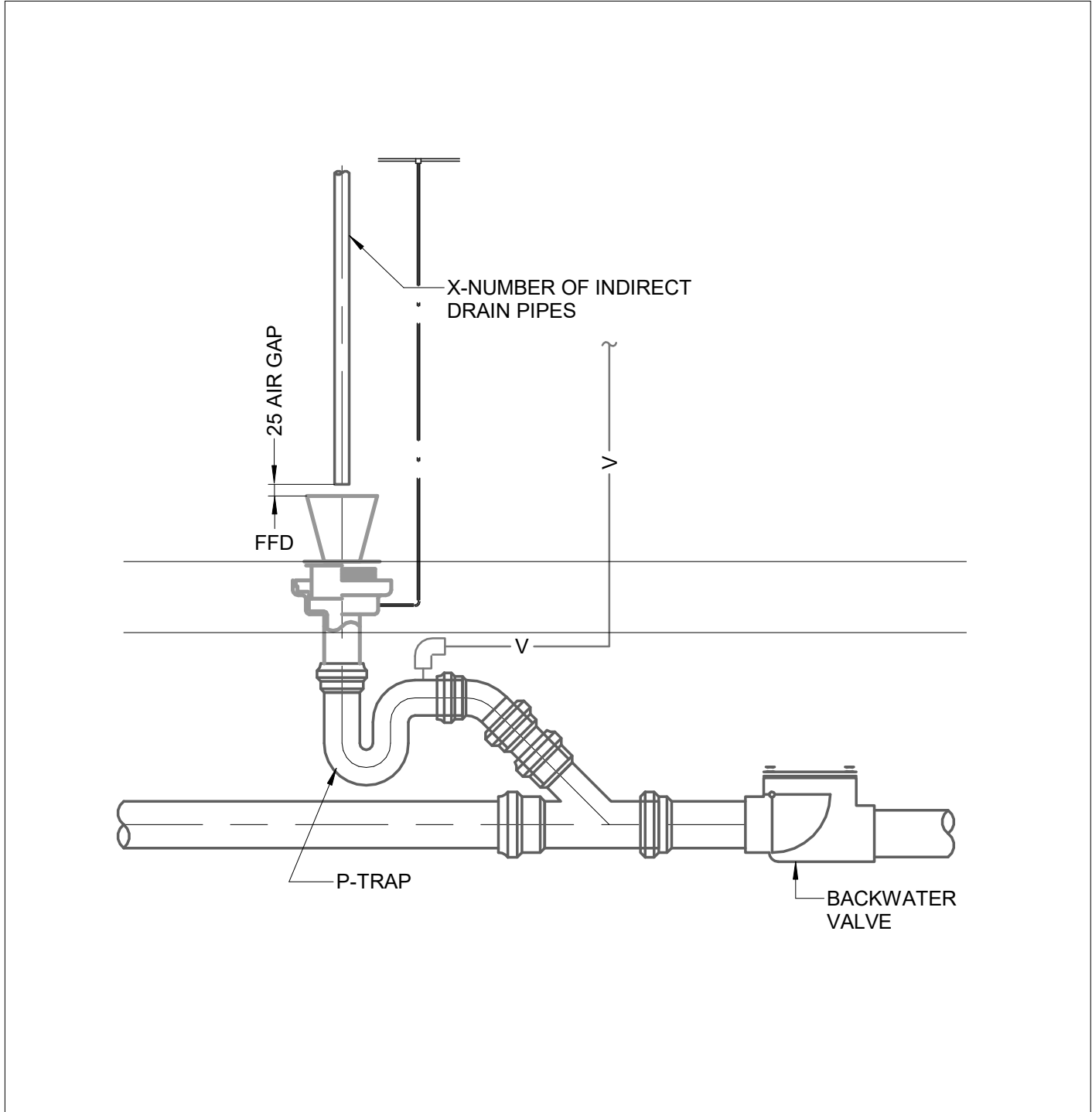
1 SPRINKLER HEAD INSTALLATION
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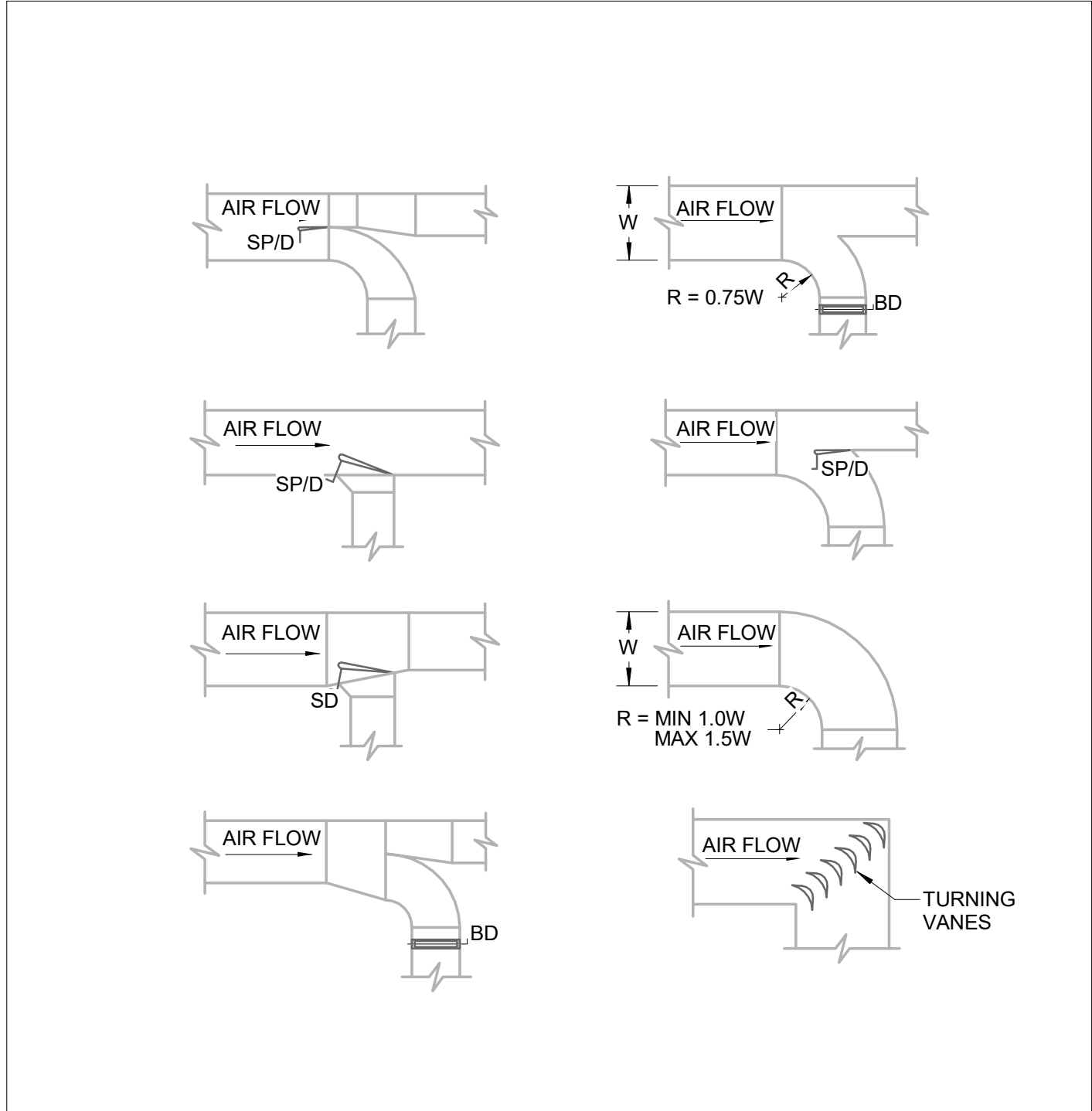
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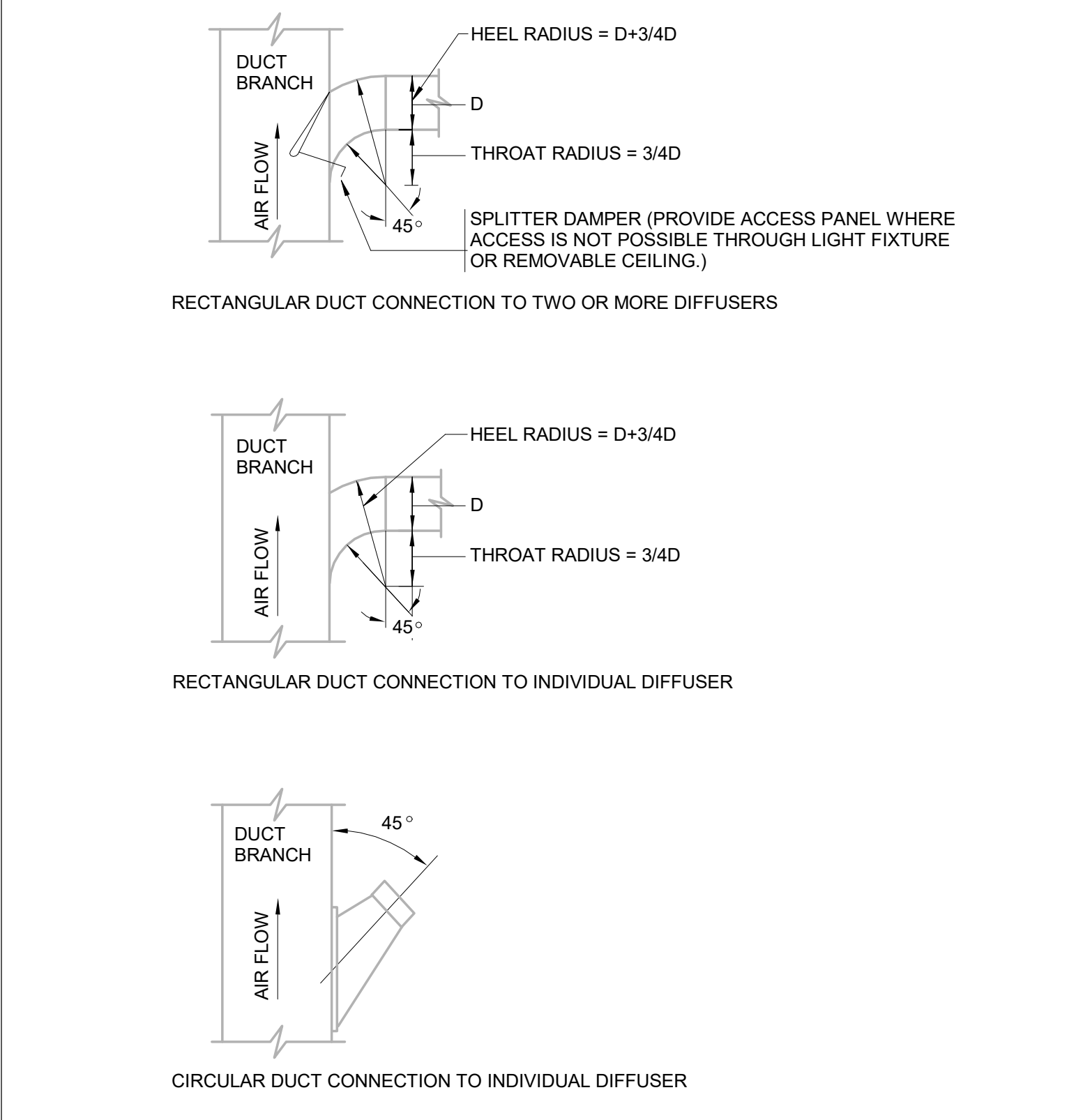
3 TRAP FOR CONDENSATE DRIP DRAIN
M-904 NTS



4 FLOOR FUNNEL DRAIN DETAIL
M-904 NTS



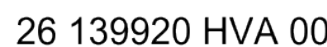
5 STANDARD DUCT FITTINGS FOR SUPPLY AIR (1)
M-904 NTS



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



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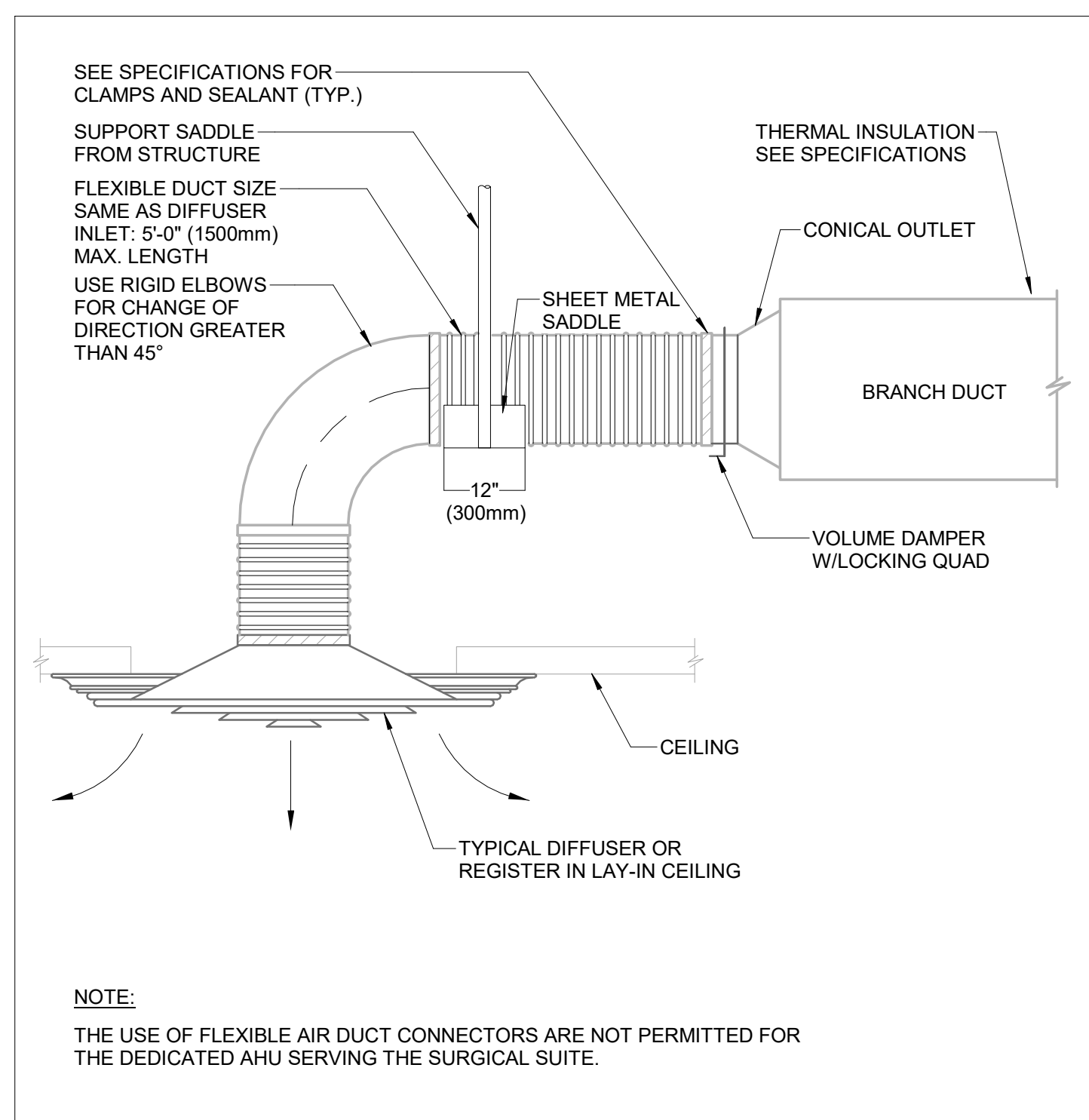
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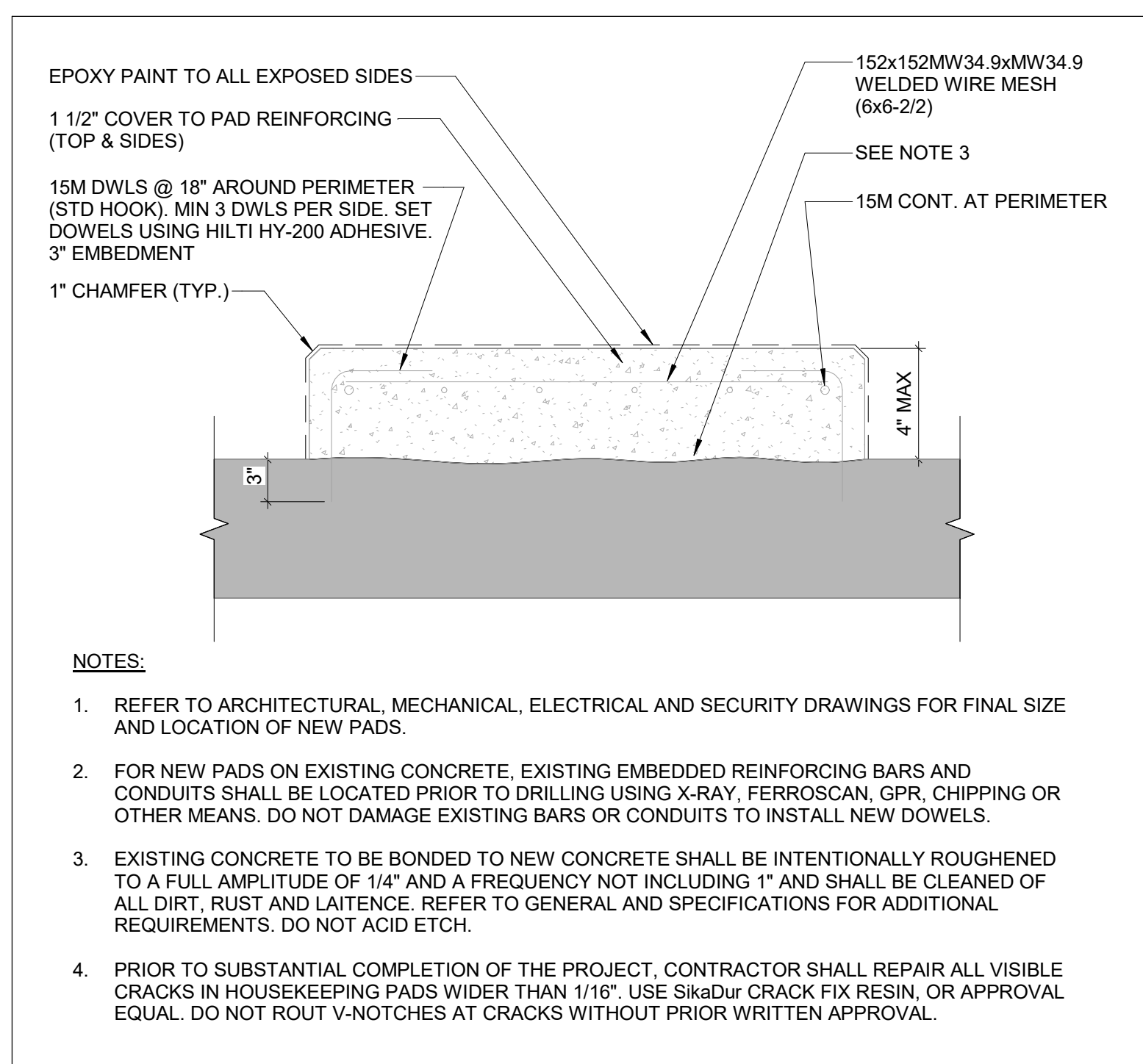
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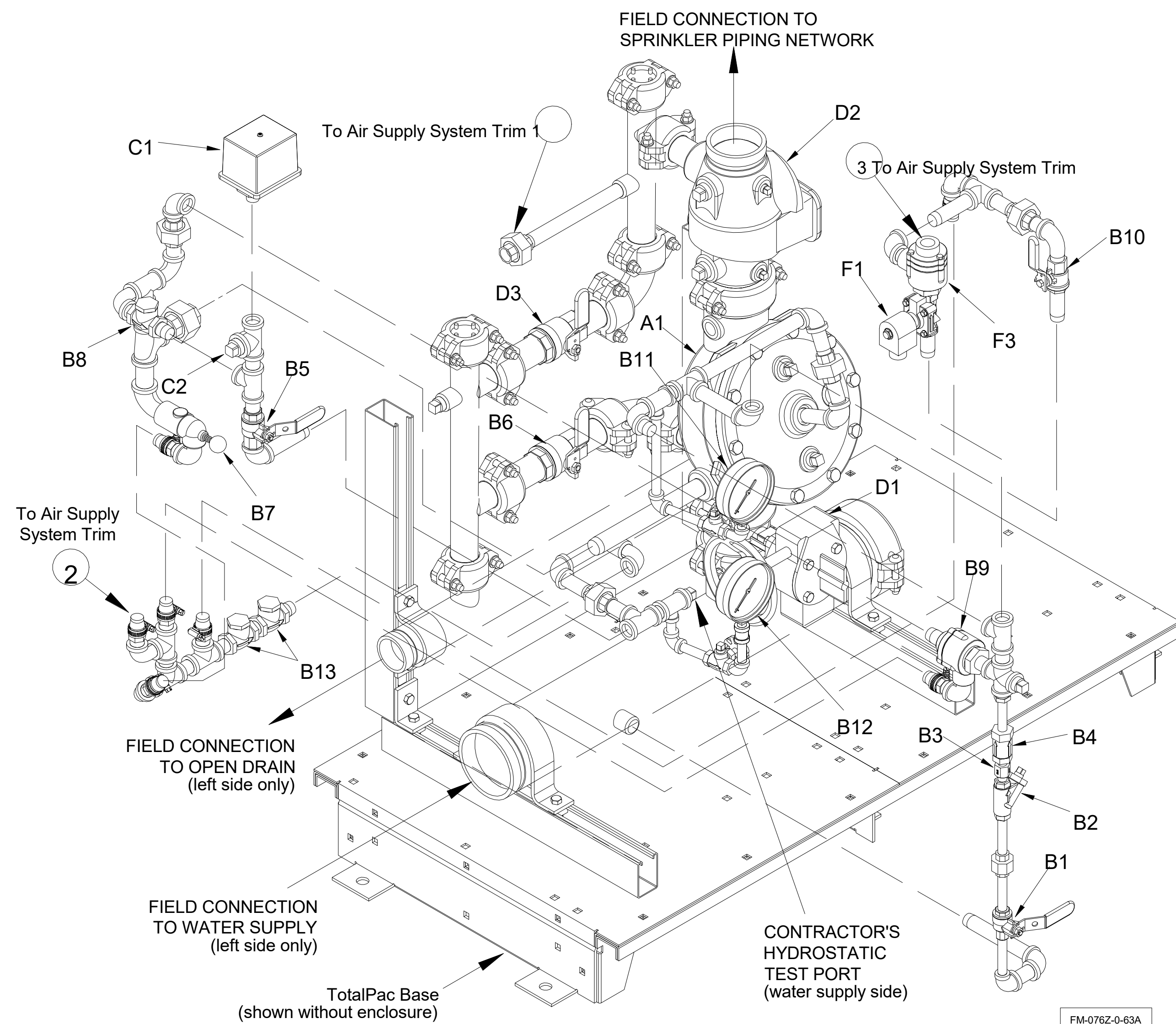
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Revision C	Drawing No. M-906



1 TYPICAL FLEXIBLE AIR DUCT CONNECTOR



Trim diagram



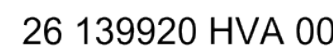
Trim Components:

- | | |
|--|---|
| A1 Deluge valve | C1 Alarm pressure switch |
| B1 Priming valve | C2 Connection to water motor gong (strainer supplied by contractor) |
| B2 Strainer | D1 Water supply control valve |
| B3 1/16" Restricted orifice | D2 Riser check valve |
| B4 Spring loaded check valve | D3 Main drain valve |
| B5 Alarm test valve | F1 24Vdc N.C. Solenoid valve |
| B6 Flow test valve | F3 Pneumatic actuator |
| B7 Drip check valve | |
| B8 Drain check valve | |
| B9 Pressure operated relief valve (PORV) | |
| B10 Emergency release valve | |
| B11 Prime pressure water gauge & valve | |
| B12 Water supply pressure gauge & valve | |
| B13 Clapper check valve | |

3 TRIM DIAGRAM



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ZONING	FOR REFERENCE ONLY
O.B.C.	
FIRE SERVICES	
O.B.C. (S)	

[illegible]

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

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

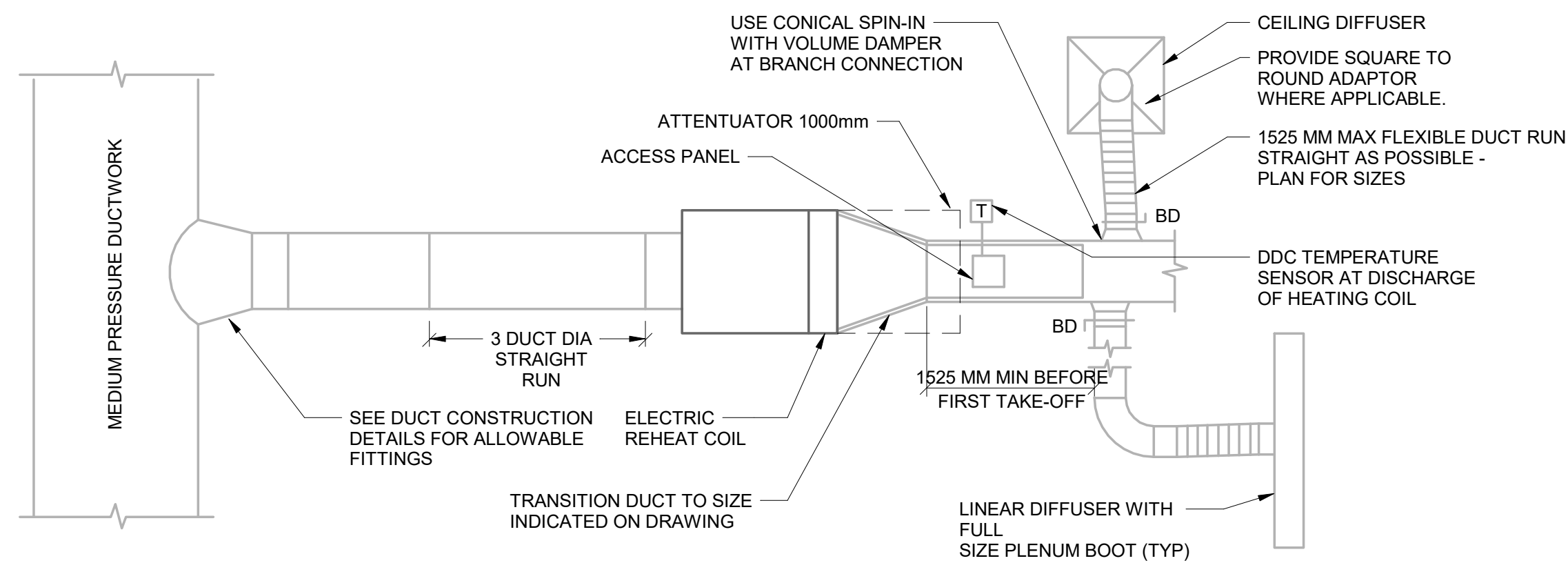
Client/Project
City of Toronto

703 Don Mills Road
North York, ON

Title
MECHANICAL DETAILS

Project No.	Scale
135901073	NTS

Revision C	Drawing No. M-907
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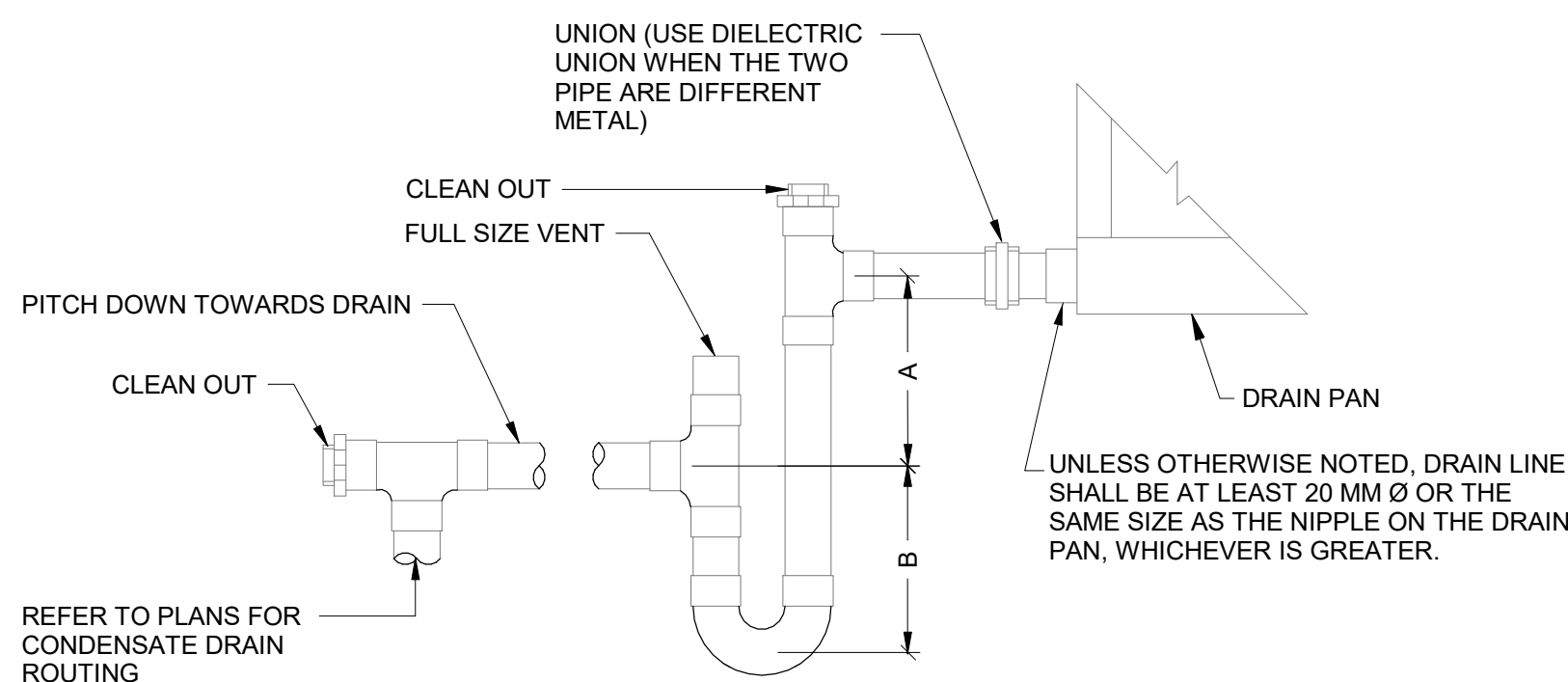


NOTES:

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.

1 SINGLE DUCT AIR TERMINAL UNIT DETAIL

NTS



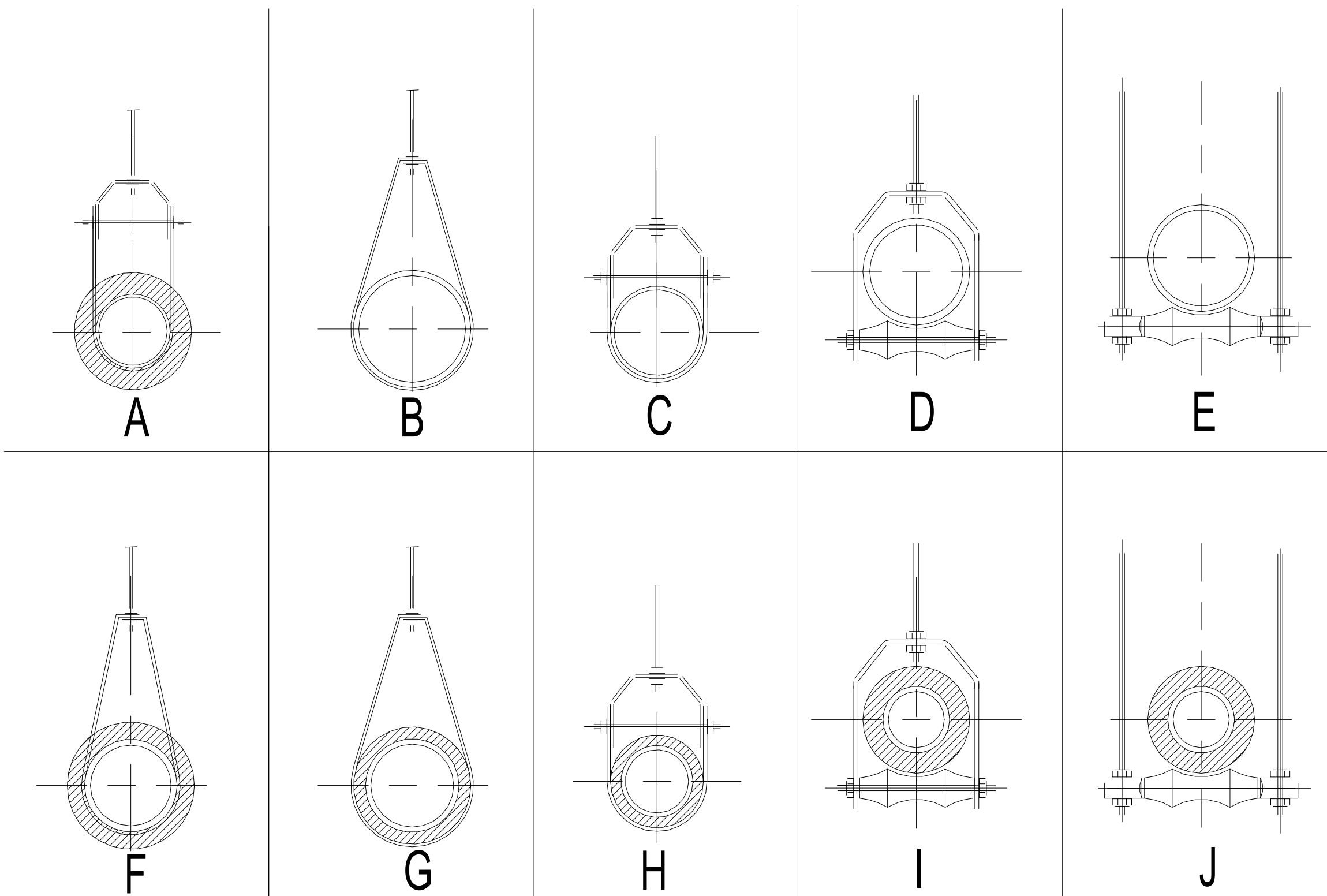
NOTES

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.

2 CONDENSATE TRAP

NTS



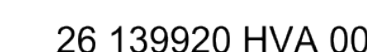
PIPE SIZE	DRAIN	VENT	RAIN WATER LEADER	COLD WATER	HOT WATER	HOT WATER CIRC.	FIRE PIPE	STEAM	CONDENSATE	AIR	VACUUM	GAS	CHILLED WATER	CONDENSATE WATER	H.W. HEATING	VAPOUR VENT	
1/2	-	-	-	G	G	G	-	-	H	B	-	B	-	-	F	-	
3/4	B	-	-	G	G	G	B	H-1	H-1	B	B	B	-	-	F	-	
1	B	-	-	G	G	G	B	H-1	H-1	B	B	B	G	B	F	-	
1 1/4	B	-	-	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	

3 PIPE HANGER SELECTION CHART DETAIL

M-907 NTS

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Notes

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File Name: N/A		Author	SY	VPW
		Dwn	Dsan	Chkr
				10/07/25
				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

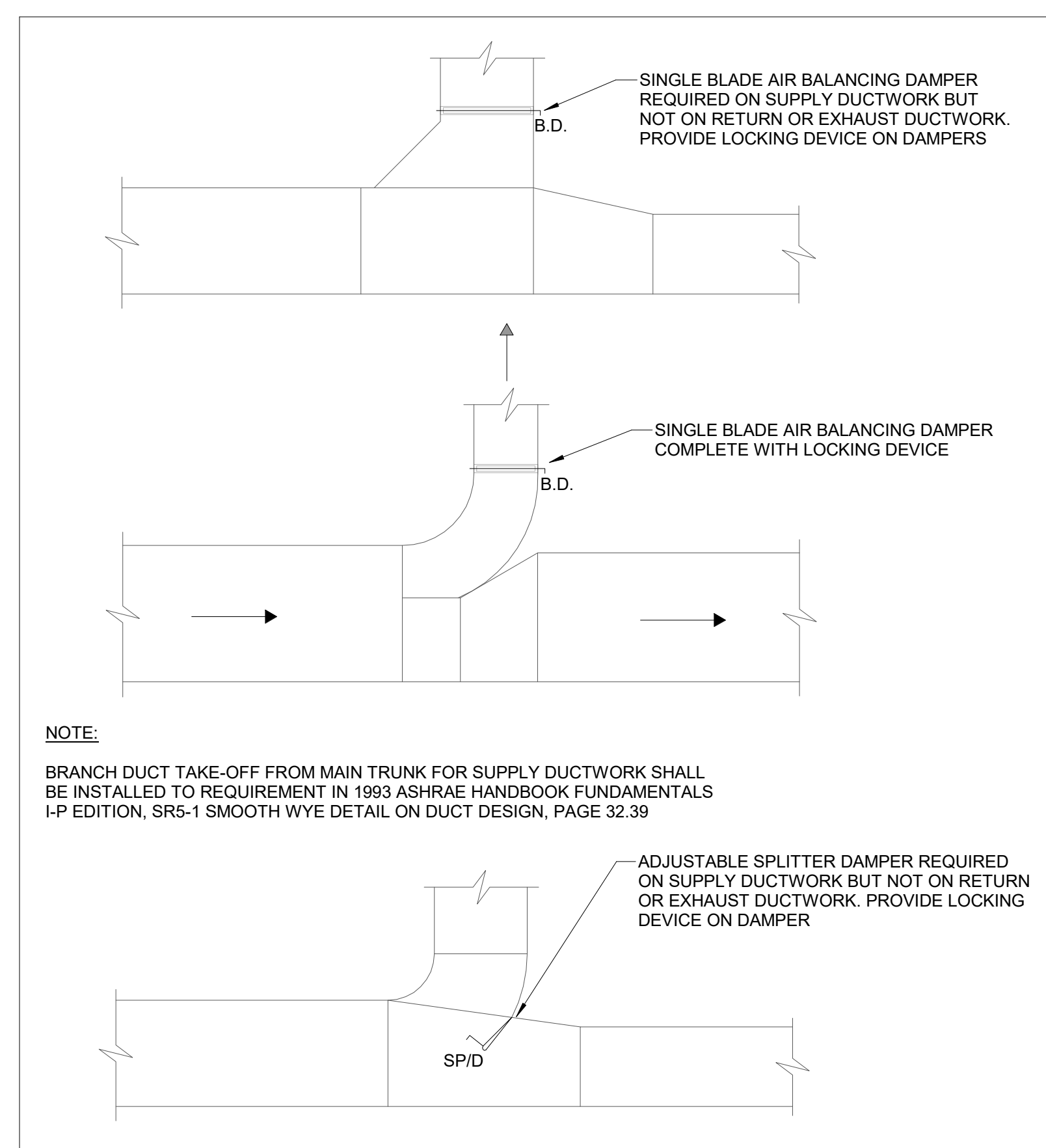
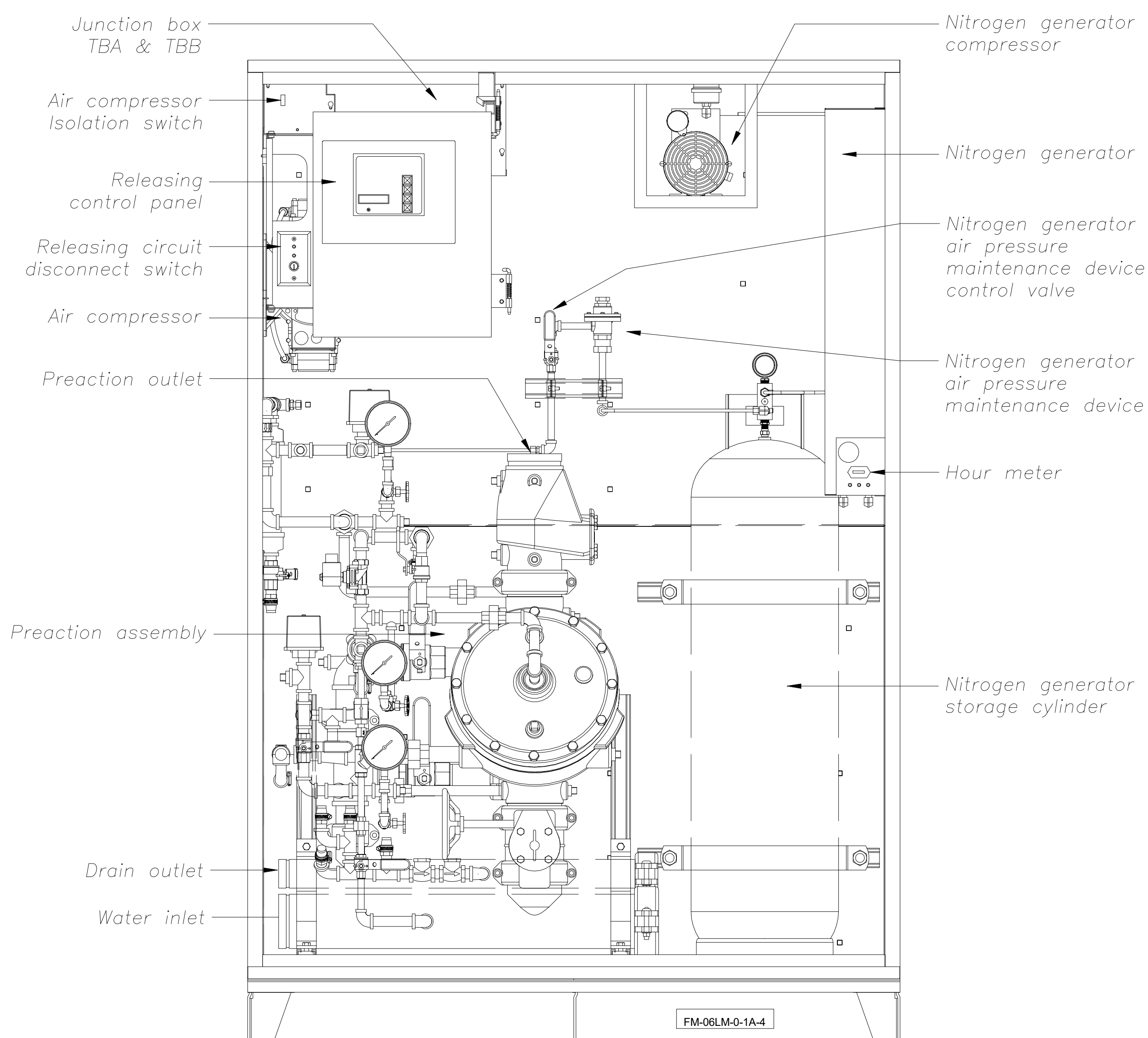
Title
MECHANICAL DETAILS

Project No. 135901073	Scale NTS
Revision C	Drawing No. M-908

 RECEIVED 09/Apr/2026

Details & field wiring diagrams

Cabinet with main components, shown without door(s)



NOTE:

BRANCH DUCT TAKE-OFF FROM MAIN TRUNK FOR SUPPLY DUCTWORK SHALL BE INSTALLED TO REQUIREMENT IN 1993 ASHRAE HANDBOOK FUNDAMENTALS I-P EDITION, SR5-1 SMOOTH WYE DETAIL ON DUCT DESIGN, PAGE 32.39

—ADJUSTABLE SPLITTER DAMPER REQUIRED ON SUPPLY DUCTWORK BUT NOT ON RETURN OR EXHAUST DUCTWORK. PROVIDE LOCKING DEVICE ON DAMPER

FM-06LM-0-1A-4

1 BRANCH DUCT TAKEOFFS FROM MAIN DUCTWORK

2 DETAILS & FIELD PREACTION UNIT DETAIL DIAGRAM