

LEGEND

2@

S-1

GRILLE QUANTITY

GRILLE TYPE

AHU-1

EQUIPMENT TAG

A

DRAWING NOTE

PIPE W/ BREAK

DUCT W/ BREAK

PIPE ELBOW - 90° & 45°

ELBOW W/ TURNING VANES

PIPE DOWN & UP

S/A DUCT UP

S/A DUCT DOWN

R/A DUCT UP

R/A DUCT DOWN

DUCT TAKE-OFFS

WALL GRILLE

FLOOR GRILLE

CEILING GRILLE - ROUND

T

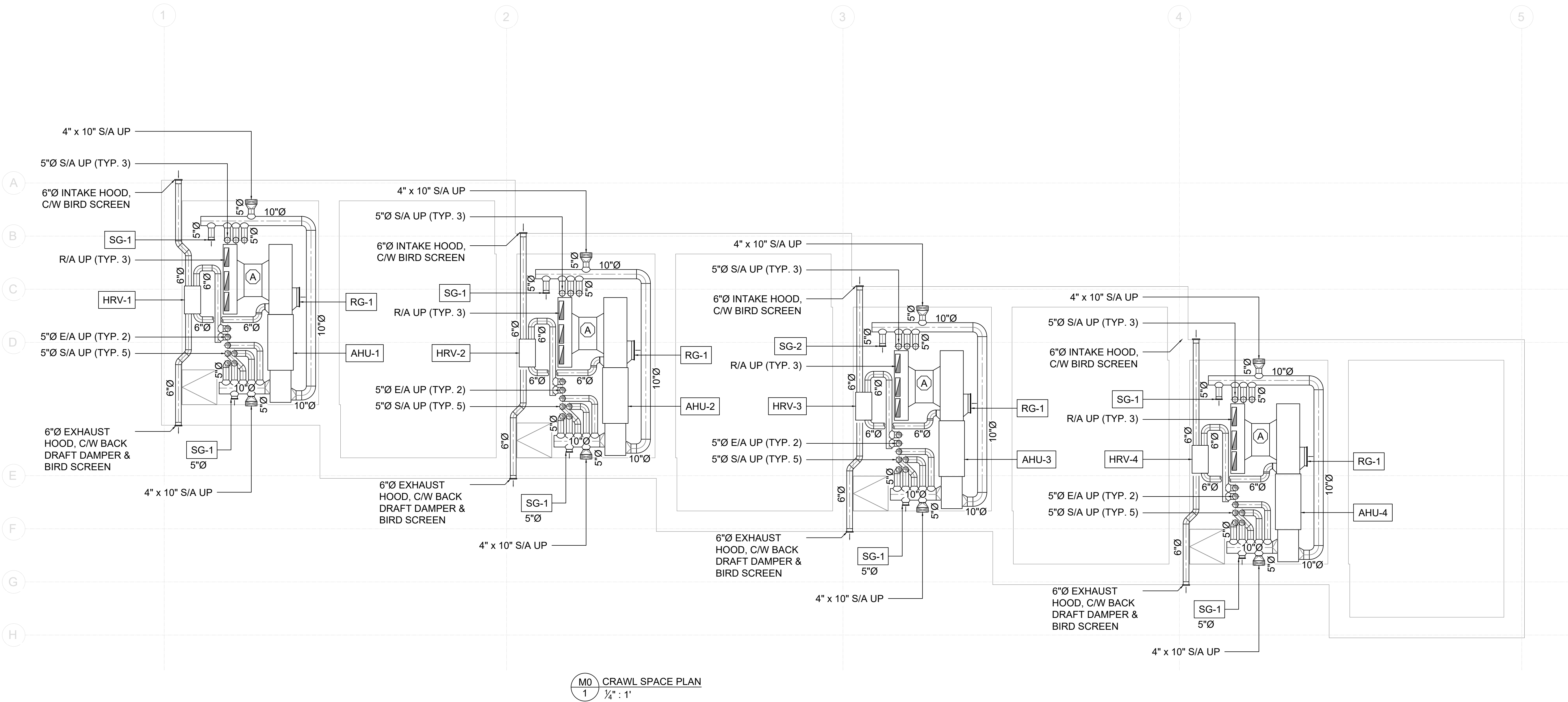
THERMOSTAT

OUTDOOR CONDENSER

DRAWING NOTE:

A

DRAWING NOTE: TRANSFER RETURN AIR THROUGH AS MANY JOIST SPACES AS POSSIBLE TO MAXIMIZE AIRFLOW. OTHERWISE USE MINIMUM 16" x 12" DUCT OR 14"Ø PIPE.



PROJECT INFORMATION

CIVIC ADDRESS:

DATE:

MINIMUM HEATING CAPACITY:

HVAC DESIGNER NAME:

NOMINAL COOLING CAPACITY:

HVAC COMPANY:

MINIMUM VENTILATION RATE:

PHONE NUMBER:

NOT FOR CONSTRUCTION

THE FOLLOWING PLANS ARE NOT INTENDED TO BE USED FOR CONSTRUCTION. THEY ARE PRELIMINARY CONSTRUCTION DOCUMENTS THAT MUST BE VERIFIED BY A QUALIFIED HVAC DESIGNER TO ENSURE THAT ALL CODES AND STANDARDS THAT ARE APPLICABLE TO THE PROJECT ARE MET.

TECA AND THEIR DESIGNERS DO NOT ASSUME ANY LIABILITY FOR THE USE OF THESE OR ANY ASSOCIATED DOCUMENTS.

General Notes

1	COORDINATION	DEC 02, 2025
No.	Revision/Issue	Date

teca

thermal environmental comfort association

Project Name and Address

STD DESIGN CATALOGUE
QPLX - 01
MECHANICAL PLANS

Project

QPLX 01

Date

DEC 02, 2025

Scale

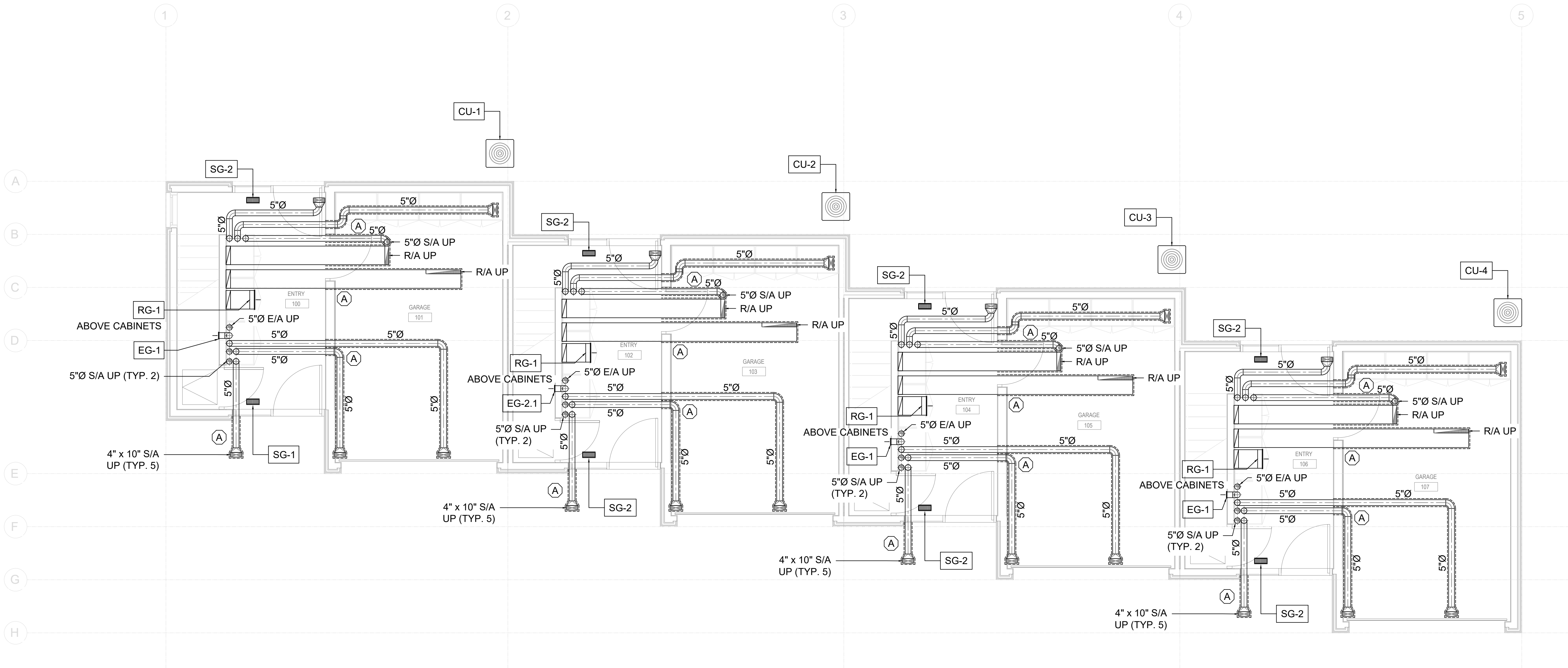
1/4" : 1'

Sheet

M0

DRAWING NOTE:

- (A) SUPPLY AND RETURN AIR DUCTING TO REMAIN WITHIN THE PLANE OF INSULATION. IF THE DUCTING MUST PENETRATE THE PLANE OF INSULATION: ENTIRE LENGTH OF PIPE IN UNCONDITIONED SPACE MUST BE INSULATED AND MAINTAIN A CONTINUOUS VAPOUR BARRIER.



M1 LEVEL 1 FLOOR PLAN
1/4" : 1'

General Notes

1	COORDINATION	DEC 02, 2025
No.	Revision/Issue	Date

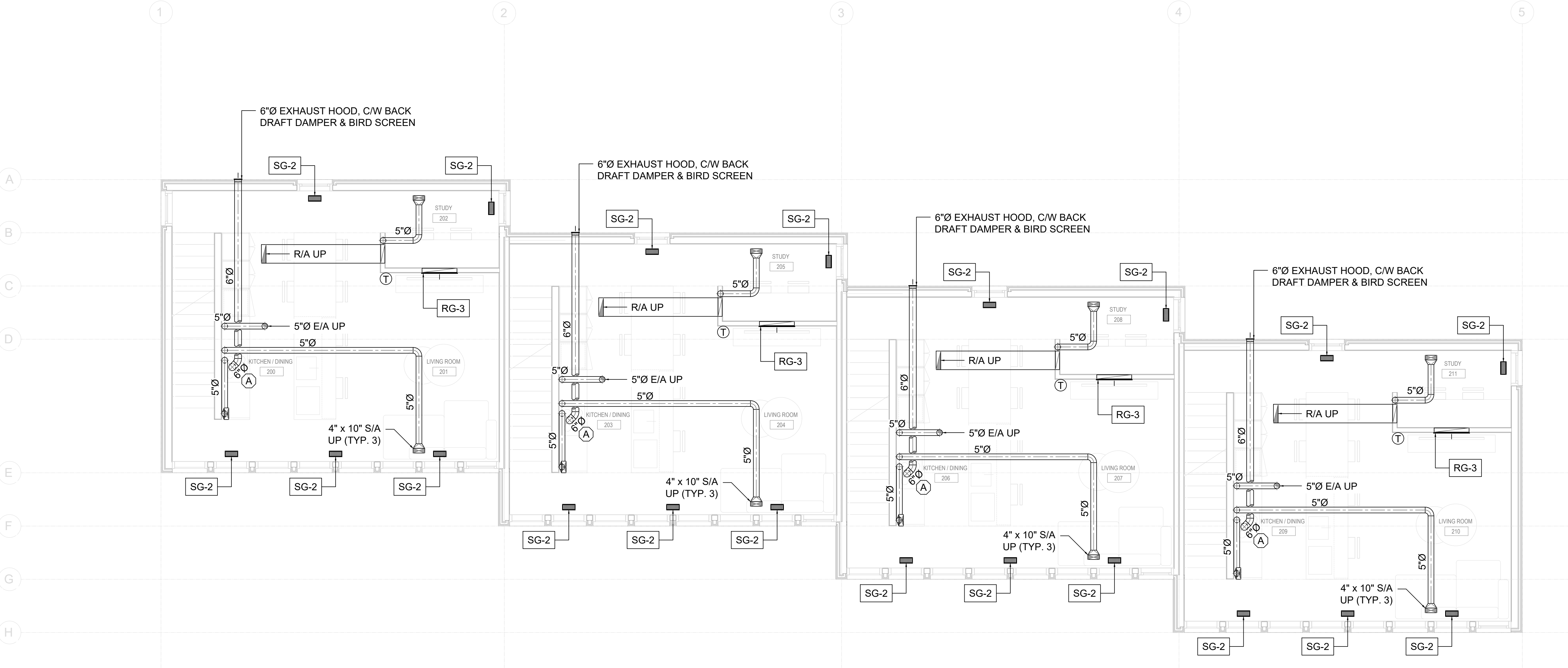


Project Name and Address
STD DESIGN CATALOGUE
QPLX - 01
MECHANICAL PLANS

Project	QPLX 01	Sheet
Date	DEC 02, 2025	M1
Scale	1/4" : 1'	

DRAWING NOTE:

(A) CONSIDER A DOWN DRAFT RANGE, VENTING BELOW OTHER PIPING OR NEAR THE STAIRS MAY FORCE A LOW DROP IN THE FINISHED CEILING.



M2 LEVEL 2 FLOOR PLAN
1 1/4" : 1'

General Notes

1	COORDINATION	DEC 02, 2025
No.	Revision/Issue	Date

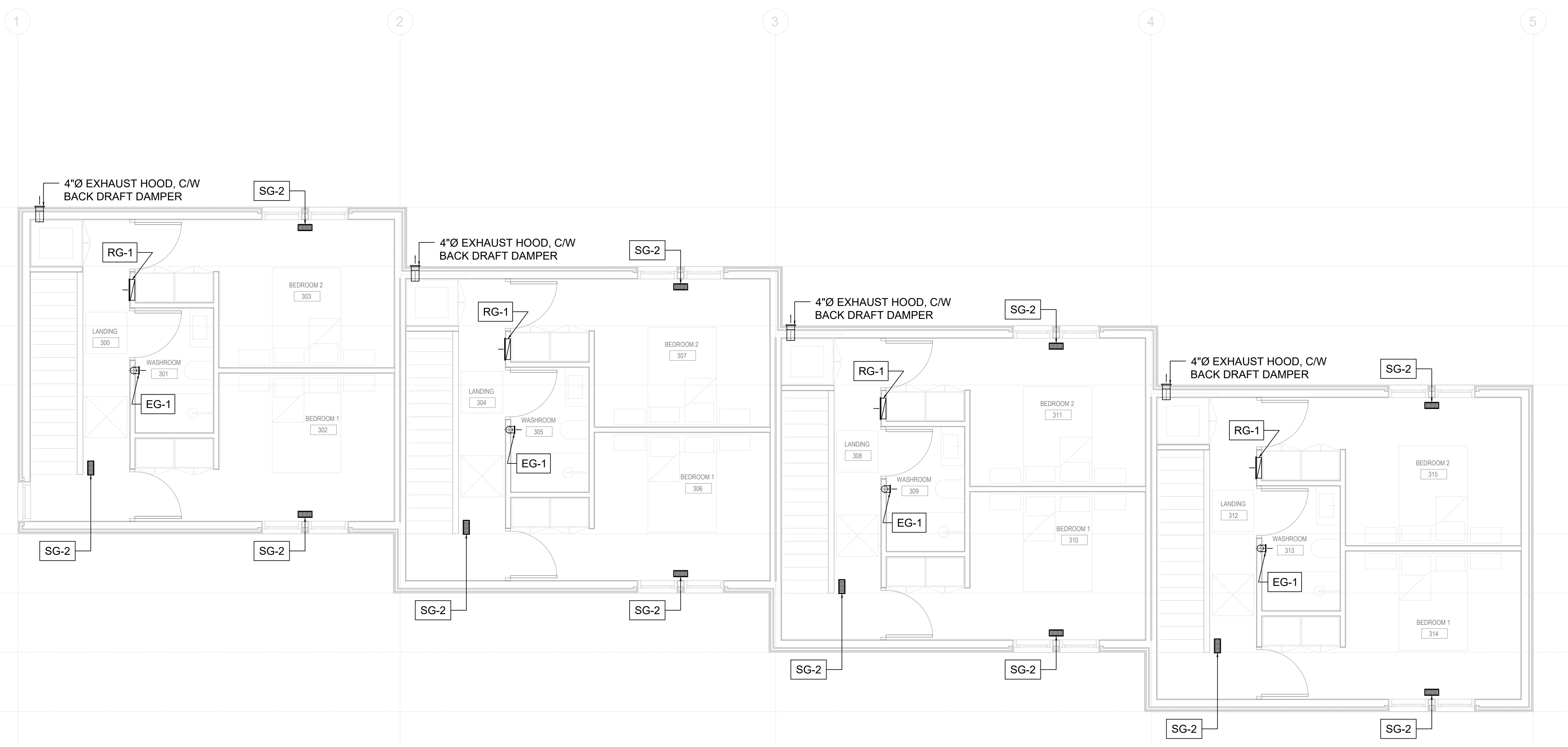


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Project Name and Address

STD DESIGN CATALOGUE
QPLX - 01
MECHANICAL PLANS

Project	QPLX 01	Sheet
Date	DEC 02, 2025	M2
Scale	1/4" : 1'	



M3 LEVEL 3 FLOOR PLAN
1 1/4" : 1'

General Notes

1	COORDINATION	DEC 02, 2025
No.	Revision/Issue	Date



Project Name and Address
STD DESIGN CATALOGUE
QPLX - 01
MECHANICAL PLANS

Project	QPLX 01	M3
Date	DEC 02, 2025	
Scale	1/4" : 1'	

HEAT & ENERGY RECOVERY VENTILATOR (HRV & ERV) SCHEDULE																		
TAG	MANUFACTURER	MODEL	LOCATION	SERVICE AREA	SUPPLY AIRFLOW	S/A ESP	EXHAUST AIRFLOW	E/A ESP	RECOVERY %		ELEC. POWER	MCA	MOP	VOLT.	Hz	PHASE	WEIGHT	COMMENTS
									WINTER	SUMMER								
HRV-1																		
HRV-2																		
HRV-3																		
HRV-4																		
COMMENTS:																		

AIR HANDLER SCHEDULE																		
TAG	MANUFACTURER	MODEL	SERVICE AREA	TYPE	AIRFLOW	ESP	EXHAUST AIRFLOW	FAN POWER	PERFORMANCE		CONDSR	MCA	MOP	VOLT.	Hz	PHASE	WEIGHT	COMMENTS
									HEATING	COOLING								
AHU-1																		
AHU-2																		
AHU-3																		
AHU-4																		
COMMENTS:																		

HEAT PUMP CONDENSER (OUTDOOR UNIT) SCHEDULE															
TAG	MANUFACTURER	MODEL	LOCATION	SYSTEM SERVING	PERFORMANCE				MCA	MOP	VOLT.	Hz	PHASE	WEIGHT	COMMENTS
					HEATING	HSPF	COOLING	SEER							
CU-1															
CU-2															
CU-3															
CU-4															
COMMENTS:															

GRILLE SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
EG-1	EXHAUST ROUND			
RG-1	RETURN 14"x6"			
RG-2	RETURN 24"x6"			
RG-3	RETURN 30"x6"			
SG-1	SUPPLY ROUND			
SG-2	SUPPLY 10"x4"			
COMMENTS:				

General Notes

1

COORDINATION

DEC 02, 2025

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teca

thermal environmental comfort association

Project Name and Address

STD DESIGN CATALOGUE
QPLX – 01
MECHANICAL PLANS

Project

QPLX 01

Date

DEC 02, 2025

Scale

1/4" : 1'

Sheet

M4