

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

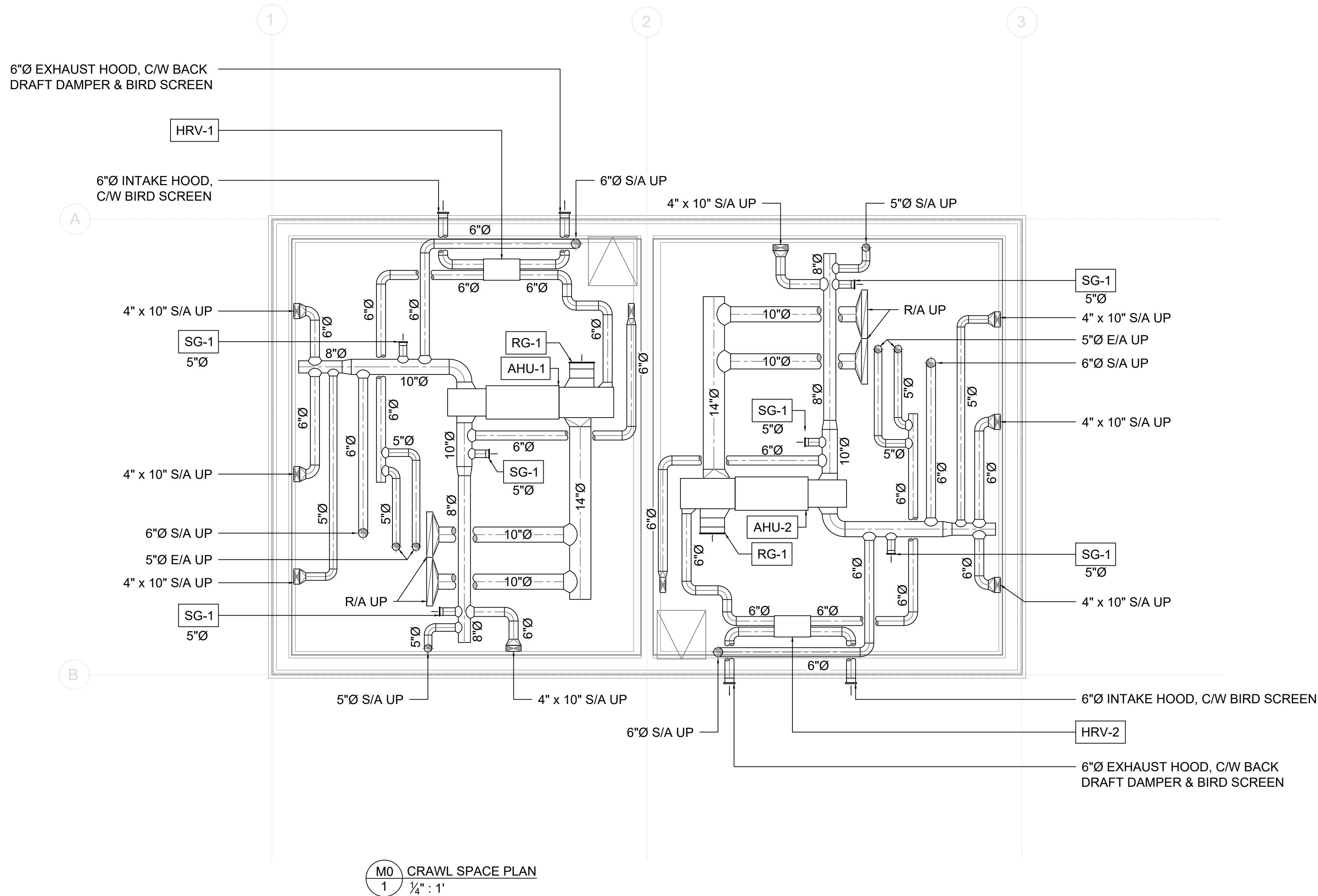
WALL GRILLE

FLOOR GRILLE

CEILING GRILLE - ROUND

THERMOSTAT

OUTDOOR CONDENSER



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

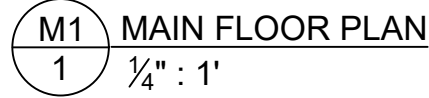
|     |                |              |
|-----|----------------|--------------|
| 1   | COORDINATION   | DEC 02, 2025 |
| No. | Revision/Issue | Date         |

Project Name and Address

STD DESIGN CATALOGUE  
DPLX - 01  
MECHANICAL PLANS

|         |              |       |
|---------|--------------|-------|
| Project | DPLX 01      | Sheet |
| Date    | DEC 02, 2025 | M0    |
| Scale   | 1/4" : 1'    |       |

(A) CONSIDER A DOWN DRAFT RANGE, VENTING BELOW THE STAIRS MAY BE IMPEDED BY STRUCTURE.  
ALTERNATIVELY: KITCHEN VENT BELOW STAIRS, TAP INTO 12X6 SQUARE DUCT UP WALL



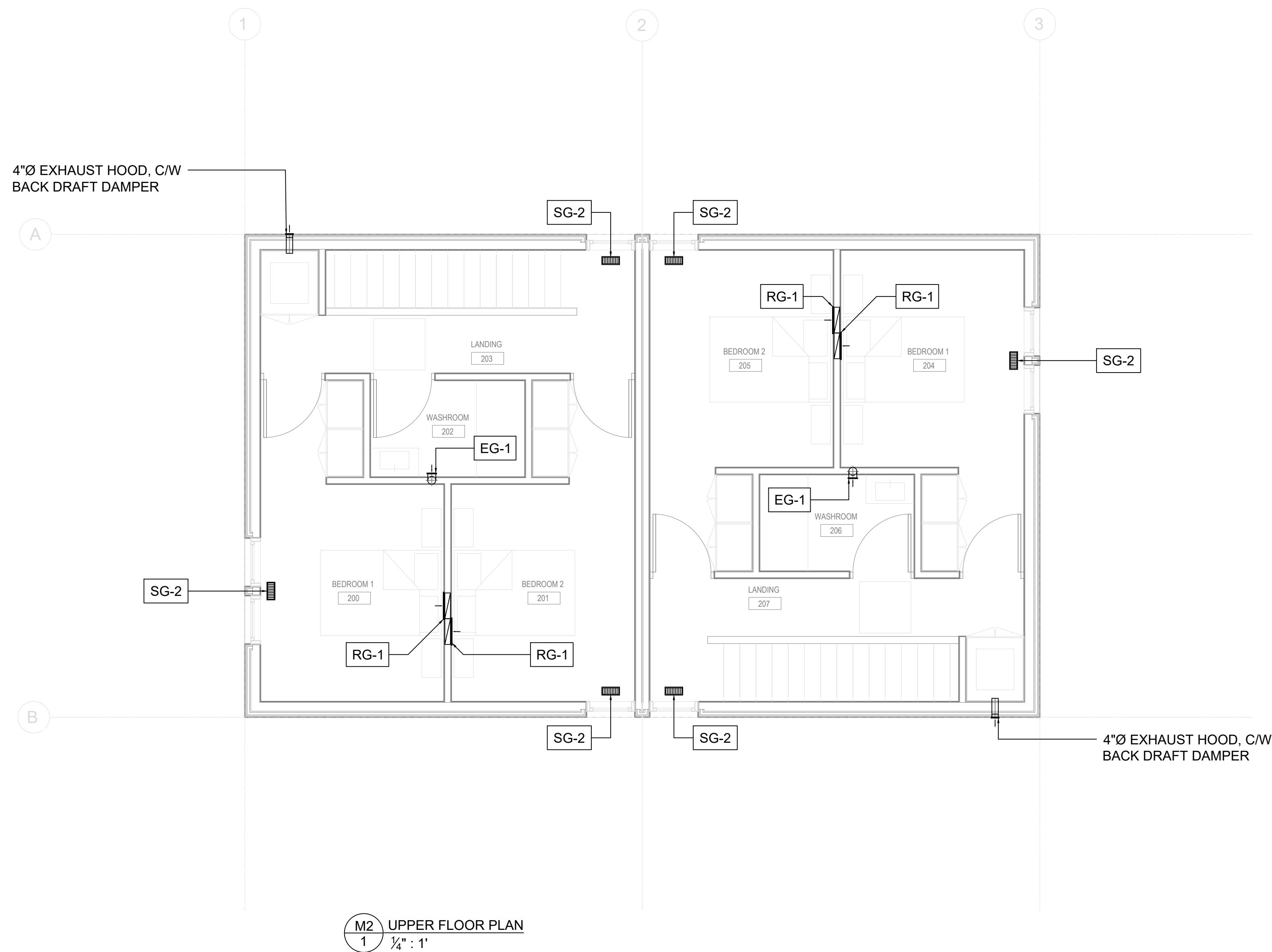
|     |                |              |
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| 1   | COORDINATION   | DEC 02, 2025 |
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Project Name and Address

STD DESIGN CATALOGUE  
DPLX - 01  
MECHANICAL PLANS

|                      |                  |
|----------------------|------------------|
| Project<br>DPLX 01   | Sheet<br><br>M 1 |
| Date<br>DEC 02, 2025 |                  |
| Scale<br>1/4" : 1'   |                  |



M2  
1  
UPPER FLOOR PLAN  
1/4" : 1'

General Notes

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



|                                                       |  |
|-------------------------------------------------------|--|
| Project Name and Address                              |  |
| STD DESIGN CATALOGUE<br>DPLX - 01<br>MECHANICAL PLANS |  |

|         |              |    |
|---------|--------------|----|
| Project | DPLX 01      | M2 |
| 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                                                  |              |       |          |              |                |         |                 |         |            |        |             |     |     |       |    |       |        |          |
| 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                |              |       |              |      |         |     |                 |           |             |         |        |     |     |       |    |       |        |          |
| 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                                        |              |       |          |                |             |      |         |      |     |     |       |    |       |        |          |
| 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

No.

Revision/Issue

Date

teca

thermal environmental comfort association

Project Name and Address

STD DESIGN CATALOGUE  
DPLX – 01  
MECHANICAL PLANS

Project

DPLX 01

Date

DEC 02, 2025

Scale

1/4" : 1'

Sheet

M3