ADDENDUM 1

DATE: February 17, 2026

PROJECT NO: 250891

PROJECT: IH Bountiful Clinic Level 2

The following revision, additions, deletions, and/or items of clarification shall hereby be included as an integral part of the Contract Documents for the above-listed project and shall be fully binding. All other requirements of the original plans and specification shall remain in effect in their respective order.

DRAWINGS

SHEET - M2.21

1. Added Grilles, Registers and Diffusers schedule. See attached drawing.

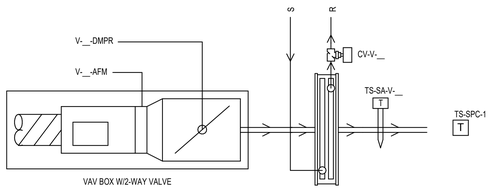
VAV BOX SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	AREA SERVED	INLET SIZE (IN)	AIR COOLING MAXIMUM AIR (CFM)	AIR HEATING MAXIMUM AIR (CFM)	AIR MINIMUM AIR (CFM)	AIR LEAVING AIR TEMP. DB (DEG. F)	NC LEVEL @ 2" S.P. AIR	NC LEVEL @ 2" S.P. RAD	FLUID (2) HEAT LOAD (MBH)	FLUID (2) TOTAL FLUID FLOW (GPM)	FLUID (2) WORKING FLUID	REMARKS
BASE BID													
V-2-36	PRICE SDV	EXAM 148	6	330	330	330	90.0	21	20	10.6	0.7	WATER	(1)(2)(3)(4)
V-2-37	PRICE SDV	HALL 151	12	1470	995	885	90.0	29	29	32.0	2.1	WATER	(1)(2)(3)(4)
V2-38	PRICE SDV	EXAM 144	8	380	380	380	90.0	24	21	12.2	0.8	WATER	(1)(2)(3)(4)

(1) ENTERING AIR AT 55 DEG. F. @ 4,500 FEET ELEVATION.
(2) GPM BASED ON 130 DEG. F. ENTERING WATER TEMPERATURE; 100 DEG. F. LEAVING WATER TEMPERATURE.
(3) COIL MAXIMUM WATER P.D. AT 5.0 FT HD; MAXIMUM BOX AIR P.D. IS 0.40 IN. W.G.
(4) PRESSURE INDEPENDENT TYPE BOX.

GRILLES, REGISTERS AND DIFFUSERS

ID	MANUFACTURER	MODEL	SIZE	MAX CFM	MAX NC	DESCRIPTION
CD-1	EH PRICE	SPD	6" DIA 8" DIA 10" DIA 12" DIA 14" DIA	110 235 420 600 800	30	SQUARE PLAQUE CEILING DIFFUSERS. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES SHALL BE 24" x 24", 16" x 16" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. PROVIDE ROUND NECK ADAPTER. COLOR SHALL BE WHITE.
RG-1 / EG-1	EH PRICE	PDDR	6" DIA 8" DIA 10" DIA 12" DIA 14" DIA	100 210 380 600 750	30	PERFORATED FACE RETURN AIR GRILLE. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES SHALL BE 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. AIR QUANTITY SHALL MATCH ROOM SUPPLY OR EXHAUST AIR QUANTITY. PROVIDE ROUND NECK ADAPTER. COLOR SHALL BE WHITE.



VAV BOX W/2-WAY VALVE

I/O ID	DEVICE ID	DESCRIPTION	DEVICE	NOTES
ANALOG INPUTS				
AI-1	V-__-AFM	VAV BOX AIR FLOW	VAV BOX AIRFLOW PROBE	3
AI-2	TS-SPC-1	SPACE TEMPERATURE	SPACE TEMPERATURE SENSOR	
AI-3	TS-SA-V-__	SUPPLY AIR TEMPERATURE	DUCT TEMPERATURE PROBE	3
DIGITAL INPUTS				
ANALOG OUTPUTS				
AO-1	CV-V-__	CONTROL: REHEAT COIL VR-__	CONTROL VALVE	3
AO-2	V-__-DMPR	VAV REHEAT BOX DAMPER	DAMPER ACTUATOR	3
DIGITAL OUTPUTS				
SETPOINTS				
	SET PNT-1	SPACE TEMPERATURE SETOPINT		
	SET PNT-2	COOLING AIRFLOW SETPOINT		5
	SET PNT-3	HEATING AIRFLOW SETPOINT		5
	SET PNT-4	MINIMUM AIRFLOW SETPOINT		5

1. PROVIDE ALL ADDITIONAL INPUTS/OUTPUTS AS REQUIRED TO MEET SEQUENCE OF OPERATION.
2. PROVIDE CO2 SENSOR IN SPACES WHERE APPLICABLE. SEE PLANS
3. "__" REPRESENTS VAV REHEAT BOX ID NUMBER
4. TYPICAL FOR 2-WAY OR 3-WAY BOXES
5. REFER TO VAV BOX SCHEDULE FOR AIRFLOW SETPOINTS.

2 VAV BOX CONTROL DIAGRAM
NTS

SECTION 230993 - SEQUENCES OF OPERATION

1. SCHEDULE
Although specific set points, time periods and reset values are listed in the sequence of operation, all values shall be changeable through the Building Management System. The initial occupied/unoccupied schedules shall be as designated by the owners representative.

2. GRAPHICS PAGES
Controls graphics page layouts shall be updated to match new space layout and included in the ATC submittal. Graphics pages shall be reviewed and approved by the owner. Control point naming shall be coordinated to match current building convention.

3. VAV BOX WITH HOT WATER REHEAT
The variable volume (VAV) terminal unit is controlled independent of system pressure fluctuations by an application specific DDC controller using electric actuation. The VAV terminal unit is controlled within user defined maximum and minimum supply air volume settings (see VAV Box Schedule). The controller monitors the room temperature sensor and VAV box air velocity sensor and modulates the supply air damper in sequence with the reheat valve to maintain the room temperature at set point. The space served by the VAV terminal unit is controlled in Occupied and Unoccupied modes as follows:

Occupied Mode
When the zone temperature is between the effective heating setpoint and the effective cooling setpoint (inside the bias), the VAV controller will be Satisfied and the airflow setpoint will be at minimum. The VAV air damper will modulate to maintain the airflow setpoint and there will be no mechanical heating.

On a rise in zone temperature above the effective cooling setpoint, the VAV controller will switch to Primary Cooling mode and the airflow setpoint will modulate up to the maximum cooling airflow setpoint. The VAV air damper will modulate to maintain the airflow setpoint and there will be no mechanical heating.

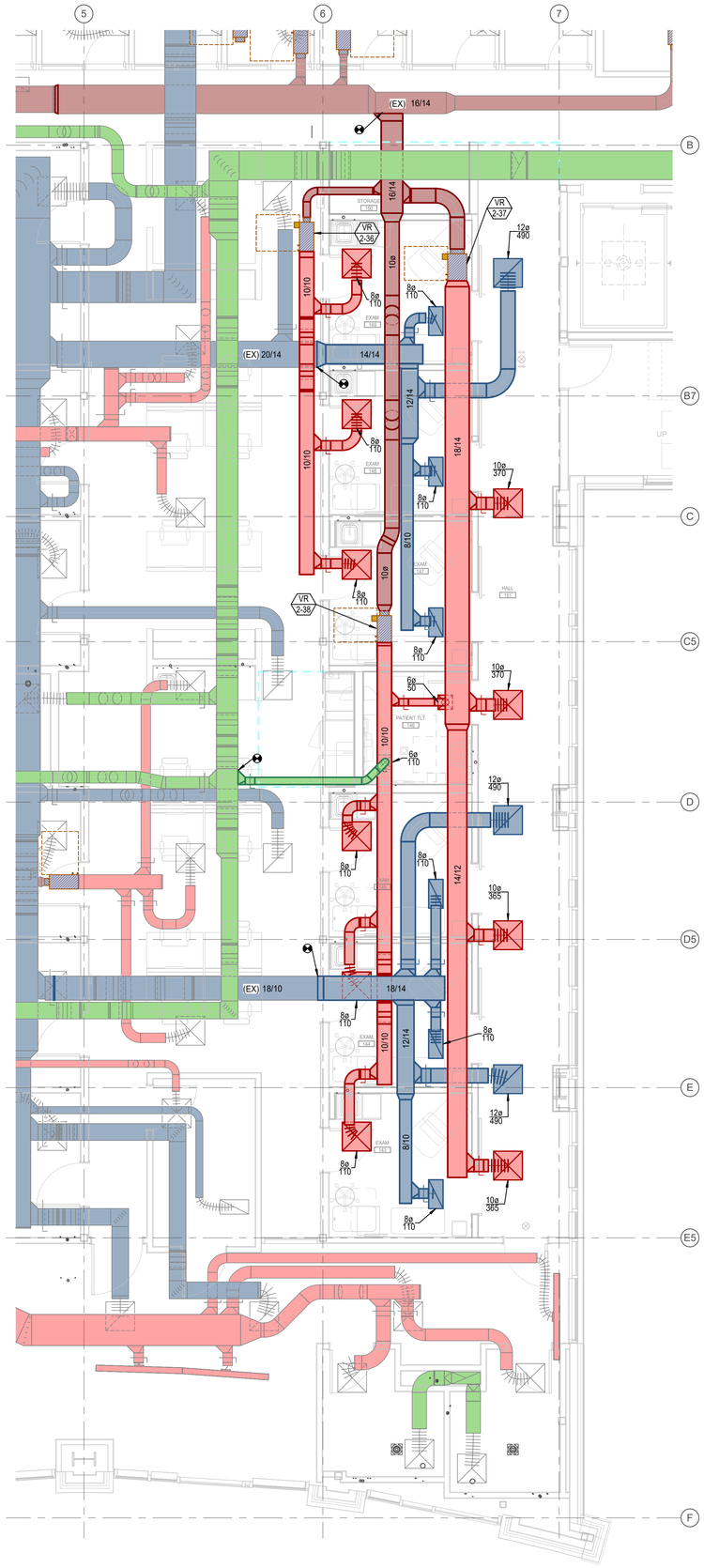
On a drop in zone temperature below the effective heating setpoint, the VAV controller will switch to the Box Heating mode:
- The first stage of heating (PID between 0% and 50%).
  - When the heating PID is between 0% and 50%, the airflow setpoint will be at its minimum specified airflow. The VAV air damper will modulate to maintain the minimum airflow setpoint.
  - The hot water control valve modulates to maintain the space temperature setpoint.
- When the heating PID is between 50% and 100%.
  - The airflow setpoint will modulate from the minimum to the maximum specified heating airflow setpoint. The VAV air damper will modulate to maintain the airflow setpoint.
  - The reheat control valve modulates to maintain the space temperature setpoint.

Unoccupied
During normal operating conditions the air handler shall operate continuously in order to maintain air pressurization relationships and temperature requirements. The occupancy condition of the air handling system shall be handled on the zone level to allow for zones and departments to go to an unoccupied mode while critical areas on the same system can remain in operation continuously. The daily and weekly scheduling for each department shall be coordinated with the owner.

When a zone (VAV Box) is scheduled to go into unoccupied mode the room air temperature setpoint shall be changed from an occupied setpoint to an unoccupied setpoint that increases the zone temperature dead band from 2°F-occupied to +/- 5°F-unoccupied (adjustable).

VAV Box Graphical Display Summary
A graphical summary interface showing all terminal units connected to the air handling system will be provided. The graphical summary shall include the following information (at a minimum): Box number, air handler system, cooling demand (%), damper position, airflow (CFM), space setpoint, space temperature, discharge air temperature, reheat valve position. The graphical summary shall also have an input for each box that will allow it to be added/removed from the air handler duct static pressure reset control sequence and air handler discharge air temperature setpoint reset schedule. The intent of this is to provide an easily viewable and changeable interface to identify rogue terminal units that drive the duct static pressure and discharge air temperature.

END OF SECTION



1 LEVEL 02 MECHANICAL PLAN
1/4" = 1'-0"

PLOT DATE:
2/17/2026 1:42:22 PM
PLOTTED BY:
JOSH HALSE
ARCHITECTS

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 400
SALT LAKE CITY, UTAH 84102

PROFESSIONAL ENGINEER
SCOT E. MUIR
8055925-2202
STATE OF UTAH

MECHANICAL ENGINEER
RESOLUT
181 E 5600 S. STE 200
MURRAY, UT 84107

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS
324 STATE ST SUITE 400
SALT LAKE CITY, UT 84111

CONSULTANT 3
CONSULTANT 3 INFO

IH BOUNTIFUL L2
390 NORTH MAIN STREET
BOUNTIFUL, UT 84010

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #1	02/17/2026

INCLINE: 25-033
OWNER: 10020984

01/20/2025

BID SET

MECHANICAL PLAN

M2.21