

MAY 03, 2010

ADDENDUM 4

Project: NMHU Student Union Building

Architect's Project Number: 0918

IFB # 905

From: Studio Southwest Architects

To: Prospective Bidders

This Addendum forms a part of the Proposal Documents and modifies the original Proposal Documents dated April 12, 2010 as noted below. Acknowledge receipt of this Addendum in the space provided on the Proposal Form. All other provisions of the Proposal Documents shall remain unchanged.

Addendum to Addendum 1:**Item No. Drawings – Civil****AD4-C01 C-2R UTILITY PLAN**

- At water connection to National Street, **delete** one of the two 6" water connections shown.

Addendum to the Project Manual:**Item No. Specification Section****AD4-A01 INVITATION FOR BID NUMBER 905**

- At page 1, **revise** **BID DUE DATE** to **FRIDAY, MAY 7, 2010 AT 11:00 A.M. LOCAL TIME**
- At Section II, first paragraph, **delete** "May 5, 2010 at 2:00 P.M." and **replace** with "May 7, 2010 at 11:00 A.M."
- At Section IV, **replace** in entirety with Section IVR.

AD4-A02 044300 STONE MASONRY

- At paragraph 1.5A, **delete** the following "company must be MIA... the Marble Institute of America."

AD4-A03 084413 GLAZED ALUMINUM CURTAIN WALLS

- At paragraph 2.2A.2., **change** "all sides" to "on two sides, and structural silicon joint at vertical mullions at center glazing and at end glazing at three sides, and structural silicon joint at vertical mullion."
- At paragraph 2.6A.1.a.2), **change** "four sides" to "on two sides, and structural silicon joint at vertical mullions at center glazing and at end glazing at three sides, and structural silicon joint at vertical mullion."

AD4-A04 093000 TILING

- At paragraph 1.2A, **add** the following:
 - 7. Stone Base
- **Add** paragraph 2.10 as follows:
 - 2.10 STONE BASE
 - A. 2cm thick x 6" high x 24" minimum length stone base
 - 1. Polished granite
 - 2. Color: Gold Coast

AD4-M01 230900 INSTRUMENTATION AND CONTROL FOR HVAC

- **Add** the following to paragraph 1.4B. :

The DDC system shall be an enterprise-level multiple building control system and shall integrate seamlessly to the existing NMHU Tracer ES system and use the Tracer ES scheduler and GUI. Control functions within a building site shall be performed by localized direct digital controls linked through a peer-to-peer network of building controllers. The system shall provide a web-based user interface and be designed to integrate multiple BACnet-based systems together, collect, store and display historical data and provide enterprise-wide or multiple building facilities management capabilities from the central storage and operational location of the existing Tracer ES System. All site operations shall be available through the Tracer ES system. Any DDC system requiring the use of any additional web windows or interfaces to be opened to allow access to the site information or control will not be accepted. This integration shall be included in the controls vendors' scope.

AD4-M02 232113.33 GROUND-LOOP HEAT-PUMP PIPING

- **Add** the following to paragraph 2.8A.:
The geexchange valve vault pit will be installed in a traffic area. Therefore, H-20 Highway Loads - Reinforced concrete pads spanning the HDPE vault box will be required in traffic areas. A traffic rated frame and cover will be required. A drawing showing key design features must be submitted. A professional engineer shall approve the design of the concrete pad. His calculations must be included in the submittal.

Addendum to Drawings

Item No. Drawings – Architectural

AD4-A05 A-607 WALL SCHEDULE - EXTERIOR

- All references to liquid applied air and moisture barrier use products listed below subject to compliance with requirements. At EW3 (exterior wall type) add liquid applied air and moisture barrier to exterior face of block.
 1. Grace, W.R. & Co.; Perma-A-Barrier VP.
 2. Henry Company; Air-Bloc 31.
 3. Rubber Polymer Corporation; Rub-R-Wall Airtight VP.
 4. Sto Corp., Emerald Coat.
 5. Or approved equal.

Item No. Drawings - Landscape

AD4-L01 L-107 & L-108 Irrigation Note Clarification

- General Contractor and landscape Sub-Contractor to confirm 110 Voltage electrical stub outs to outdoor controller locations (1) at Ground Level and (1) at Roof Garden Level.

Item No. Drawings - Mechanical

AD4-M03 M-001R MECHANICAL COMPLIANCE CERTIFICATES, GENERAL NOTES, SYMBOL LEGENDS, EQUIPMENT SCHEDULES

- **Add** Sound Attenuator Schedule per SK1.

AD4-M04 M-100R MECHANICAL HVAC BASEMENT FLOOR PLAN

- **Add** Sound Attenuator SA-1at AHU-102 per SK2.

AD4-M05 M-602R MECHANICAL HVAC SECTIONS

- **Add** Sound Attenuator SA-1at AHU-102 per SK3.

AD4-M06 M-102BR MECHANICAL HVAC SECOND FLOOR CEILING PLAN

- **Add** Sound Attenuator SA-2, SA-3, SA-4, SA-5 per SK4.

AD4-M07 M-101BR MECHANICAL HVAC FIRST FLOOR CEILING PLAN

- **Revise** ductwork serving 2nd floor level per SK5.

AD4-M08 M-102AR MECHANICAL HVAC SECOND FLOOR CEILING PLAN

- **Revise** ductwork serving 2nd floor level per SK6.

End of Addendum 4

**SECTION IV.R.
GENERAL REQUIREMENTS**

ARTICLE 1 – SITE INSPECTION

A non-mandatory walk-through will be held on April 21, 2010 at 11 a.m. local time at the new student center site. The site is located at 800 National Avenue in Las Vegas, NM 87701.

ARTICLE 2 – LICENSES AND REGISTRATIONS

At the time of the bid opening, Contractor must have a valid State of New Mexico Contractor's License. List the number of the license: _____.

At the time of the bid opening, in accordance with Section 13-4-13.1 (NMSA 1978), Contractor must have an active Public Works Contractor Number from the New Mexico Department of Workforce Solutions, Labor Relations Division. List the number: _____.

ARTICLE 3 – SUBCONTRACTORS LIST

In accordance with Sections 13-4-31 thru 13-4-42 (NMSA 1978), Contractor is required to submit with the bid a listing of subcontractors. Include the name and the city or county of the place of business of each subcontractor. Contractor who does not comply with the requirements of this section will be considered non-responsive. A form has been provided for your list; refer to **SECTION VIII. LIST OF SUBCONTRACTORS**.

ARTICLE 4 – COMPLETION

Substantial completion of the project is not to extend beyond 485 calendar days following the issuance of the "Notice to Proceed."

ARTICLE 5 - TOTAL PRICE

New Mexico Highlands University shall pay the Contractor on a firm-fixed price basis. List all prices before New Mexico Gross Receipts Tax (NMGRS). NMGRS is added to pay applications. **Write out the bid amounts in both words and figures.**

TOTAL BASE BID:

_____(Dollars) (\$)_

A. List mechanical and plumbing subcontractor's base bid:

_____(Dollars) (\$)_

B. List electrical subcontractor's base bid:

_____ (Dollars) (\$)_____

ADD ALTERNATE #1: At east roof from gridline 1 thru 6.3 add structure and concrete deck for green roof. Add requirements for a green roof assembly to include concrete surface conditioner, monolithic membrane rubberized asphalt and flashings, protection course, 60psi extruded polystyrene insulation, filter fabric and ballast. Refer to Specification Section 073363 Vegetated Green Roof Assembly and Structural Drawings.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGRT:

_____ (Dollars) (\$)_____

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #2: At west roof from gridline 14 thru 17 add structure and concrete deck for green roof. Add requirements for a green roof assembly to include concrete surface conditioner, monolithic membrane rubberized asphalt and flashings, protection course, 60psi extruded polystyrene insulation, filter fabric and ballast. Refer to Specification Section 073363 Vegetated Green Roof Assembly and Structural Drawings.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGRT:

_____ (Dollars) (\$)_____

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #3: At Ballroom 1121 add operable partitions. Refer to Specification Section 102226 Operable Partitions. Rough in for structural support is included in the base bid.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGRT:

_____ (Dollars) (\$)_____

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #4: (At Theater 1124 add telescoping stands. Refer to Specification Section 126600 Telescoping Stands. Rough in for power is included in the base bid.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGRT:

_____ (Dollars) (\$)_____

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #5: Add all components of the walkway bridge connection to the existing library on the west side of the building.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGR:

_____(Dollars) (\$)

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #6: Add landscaping and irrigation as shown on the Landscape Drawings.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGR:

_____(Dollars) (\$)

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #7: Add cisterns and associated piping, refer to Architectural Site Plan and Civil drawings.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGR:

_____(Dollars) (\$)

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #8: At Gridline 1 thru 6.3 add vegetated green roof assembly components: root barrier protection, drainage/water retention component, lightweight engineered growing medium (soil), green roof vegetation , ballast and walkway pavers in the green roof area.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGR:

_____(Dollars) (\$)

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #9: Add supply and installation of kitchen equipment and final connections of all equipment to building infrastructure. Refer to Specification Section 114000 Food Service Equipment and Food Service Drawings. Rough in for mechanical, electrical and plumbing items is included in the base bid.) Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGR:

_____(Dollars) (\$)

If accepted, shall be added to the base bid amount.

ADD ALTERNATE #10: Add motorized sun control system to the passive solar sunshade system. Provide motor and control system for a complete installation. Refer to Specification Section 084413 Glazed Aluminum Curtain Walls and the drawings. Add the labor and materials required for all work associated with the above description and as shown on the drawings and described in Specifications, but excluding NMGRT:

_____ (Dollars) (\$)

If accepted, shall be added to the base bid amount

(list prices before NM gross receipts tax – NMGRT will be added to pay application if applicable).

ARTICLE 6 – QUALIFICATION REQUIREMENT

The following must be completed. References for verification by Owner's representative of items listed must be available Friday, May 7, to end of business day.

Have you completed a project over \$10,000,000 in the last five years? YES ____

Name of Owner: _____

Address of Project: _____

Owner Address: _____

Owner Phone Number: _____

Have you completed construction on a Silver LEED project and are waiting for construction document review? YES ____

Name of Owner: _____

Address of Project: _____

Owner Address: _____

Owner Phone Number: _____

ARTICLE 7 - PAYMENTS

Applications and certification for payment are to be submitted monthly for completed work and stored materials.

ARTICLE 8 – CONTACTS

Marisol Greene and Michael Saavedra have been designated as the contact persons for this IFB. No Contractor may contact any NMHU employee, officer or member of the Board of Regents other than Mrs. Greene and Mr. Saavedra regarding this IFB through the date of the award of contract. Any Contractor who makes such unauthorized contact shall be deemed to have violated the terms and conditions of this IFB and that person's bid may be rejected as a result.

Contact Person:

Name, Title Marisol Greene, Director
Department Facilities Services
Phone: 505-454-3499
Email address: mgreene@nmhu.edu

Name, Title Michael Saavedra, Senior Buyer
Department Purchasing
Phone: 505-454-3053
Email address: mjsaavedra@nmhu.edu



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ADDENDUM FORM

Date: 05-03-10

Addendum Number – Item Number: ADDENDA#4- AD4-M02-SK1

Project Name: NMHU Student Union Bldg

Project Number: 0918

Drawing Sheet or Specification Section: M-001

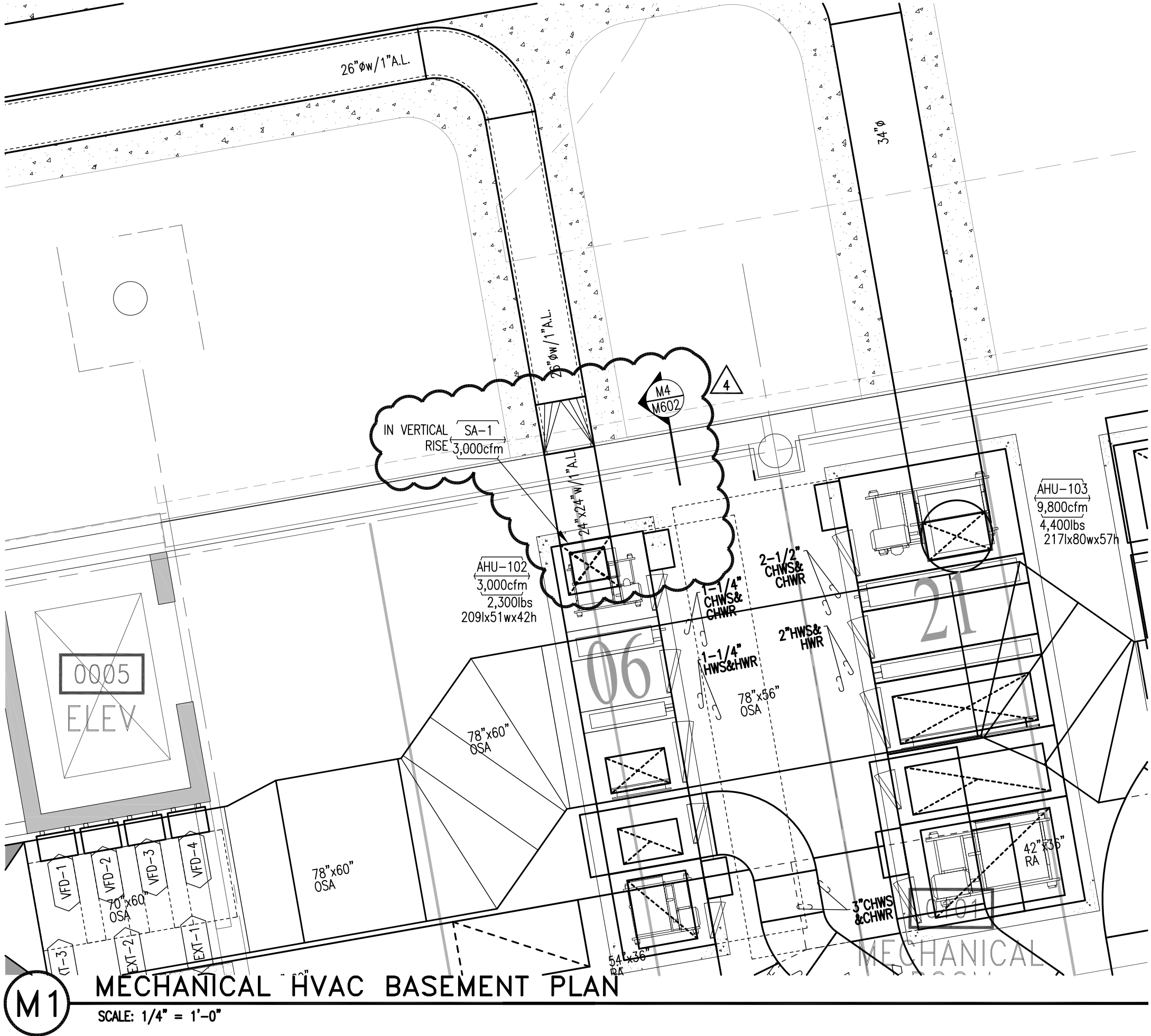
file: M-001

Description:

SOUND ATTENUATOR SCHEDULE

SYMBOL	MANUFACTURER (or equal)	MODEL	FACE DIMENSIONS	LENGTH	AIR FLOW (CFM)	AIR VELOCITY (FPM)	PRESS LOSS ("w.c.)	DYNAMIC INSERTION LOSS GENERATED NOISE								
								63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	3000Hz	8000Hz	
SA-1	PRICE	RL60-xxx	24"x24"	60"	+3000	780	0.17	10 50	18 42	36 35	47 33	59 29	58 31	49 33	29 32	
SA-2	PRICE	RL60-xxx	36"x18"	60"	-1500	360	0.04	7 45	12 32	20 27	27 27	34 36	41 23	28 <10	22 <10	
SA-3	PRICE	RL60-xxx	36"x18"	60"	-1500	360	0.04	7 45	12 32	20 27	27 27	34 36	41 23	28 <10	22 <10	
SA-4	PRICE	RL60-xxx	42"x24"	60"	-4900	700	0.18	8 51	14 47	23 46	38 49	42 51	33 48	20 35	13 26	
SA-5	PRICE	RL60-xxx	42"x24"	60"	-4900	700	0.18	8 51	14 47	23 46	38 49	42 51	33 48	20 35	13 26	

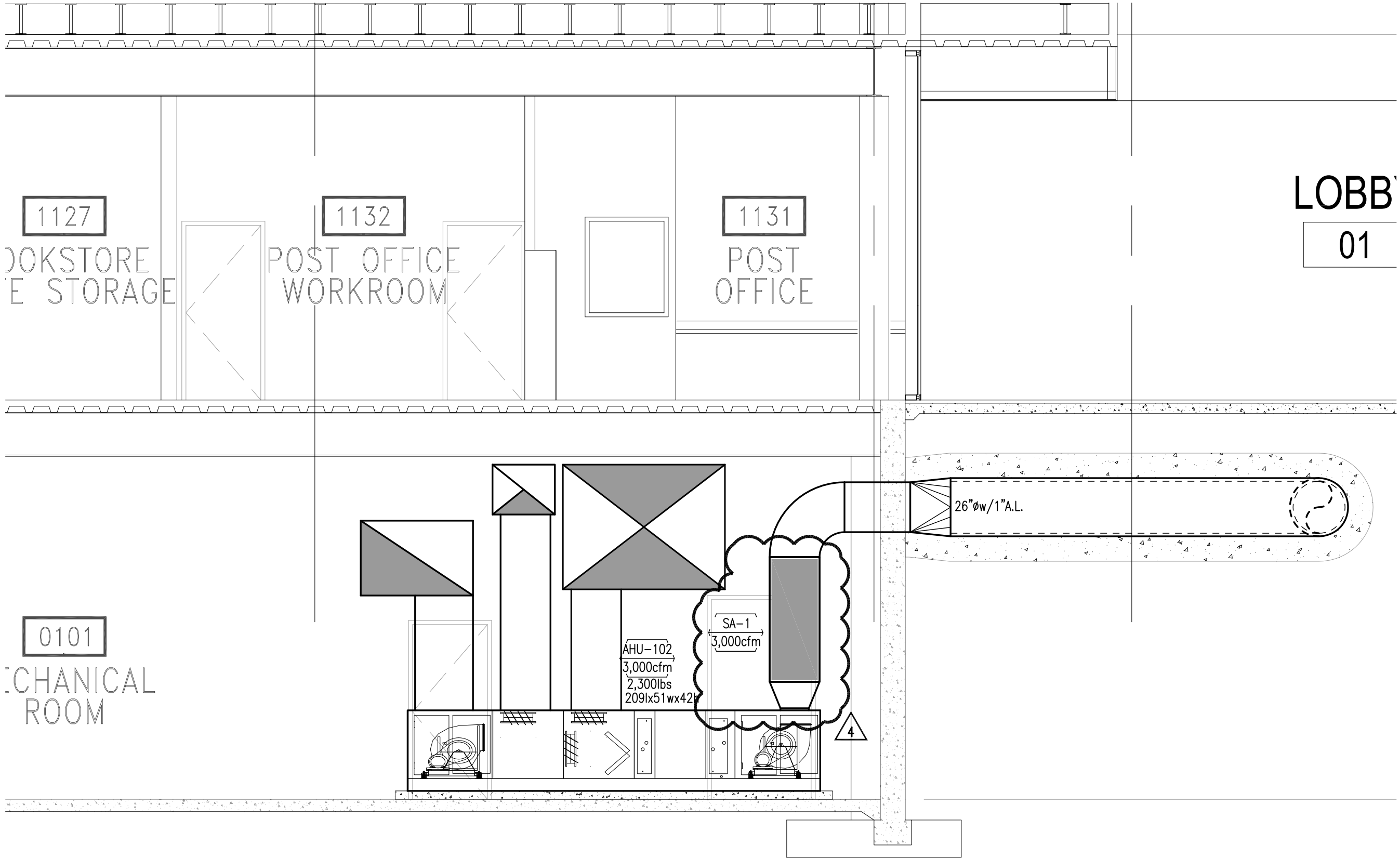
Description:



MECHANICAL HVAC BASEMENT PLAN

SCALE: 1/4" = 1'-0"

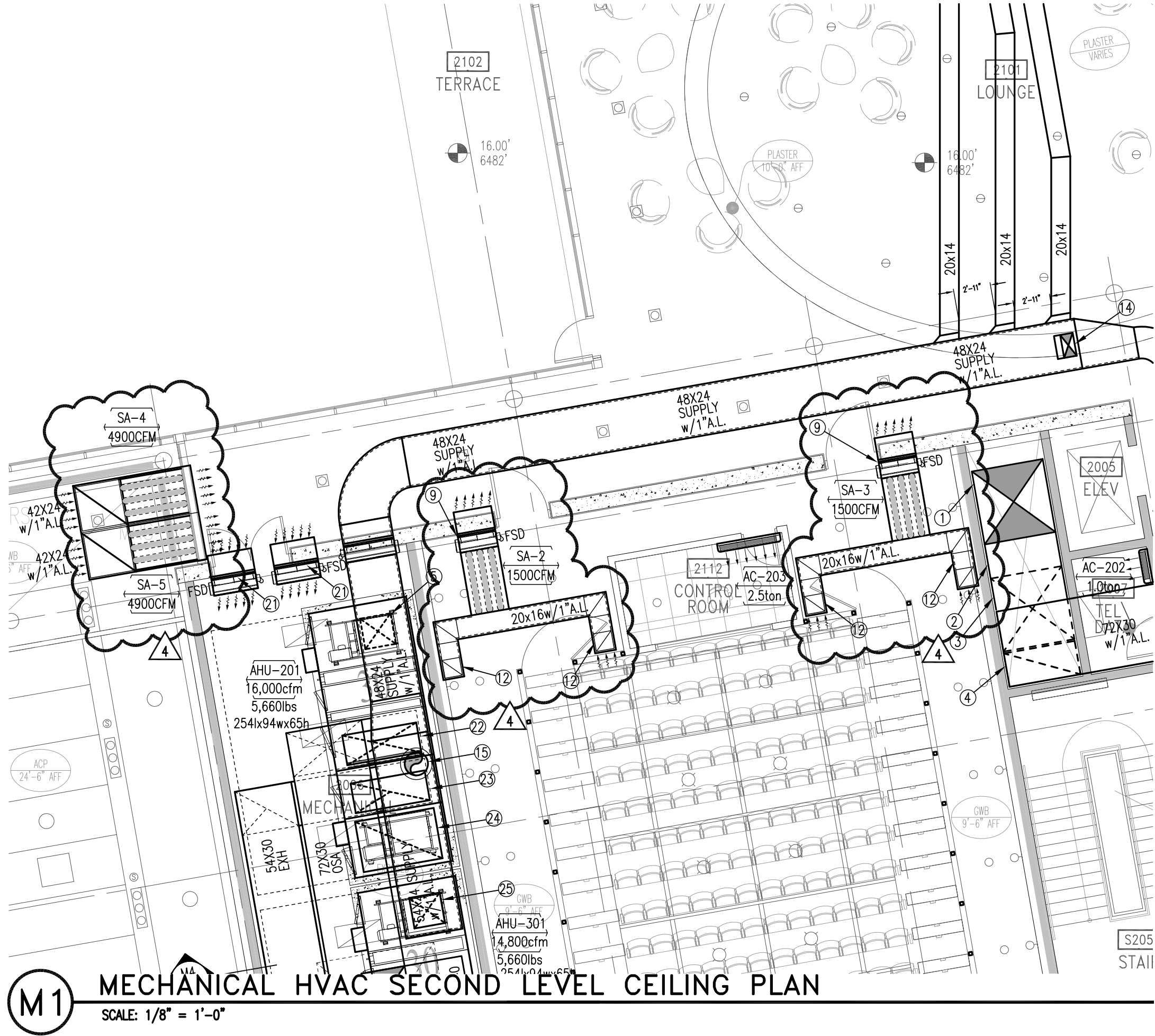
M1



M1

MECHANICAL HVAC SECTION THRU BASEMENT

SCALE: 1/4" = 1'-0"



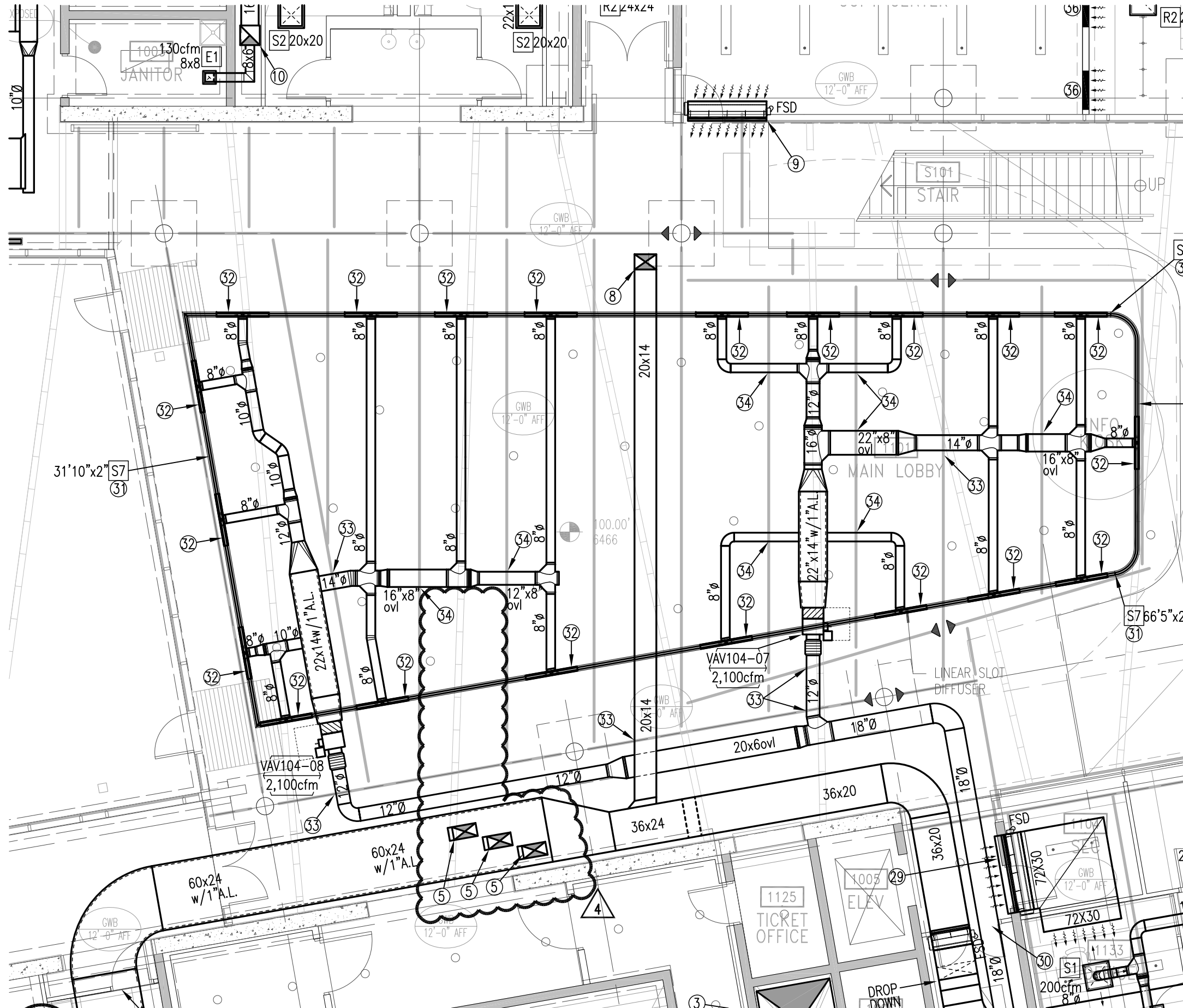
MECHANICAL HVAC SECOND LEVEL CEILING PLAN

SCALE: 1/8" = 1'-0"

Description:

KEYED NOTES

- ① 28"Ø w/1"A.L. SUPPLY AIR FROM BELOW.
- ② 54"x54" w/1"A.L. RETURN AIR DOWN TO BELOW.
- ③ 68"x70"OSA FROM ABOVE, DOWN TO BELOW.
- ④ 60"x32" RETURN AIR FROM ABOVE, DOWN TO BELOW.
- ⑤ 22"x12" SUPPLY AIR UP THRU FLOOR ABOVE.
- ⑥ 28"Ø UP TO FLOOR ABOVE.
- ⑦ 34"x34" SUPPLY AIR FROM ABOVE.
- ⑧ 20"x14" SUPPLY AIR UP THRU FLOOR ABOVE.
- ⑨ 72"x24" OPENING ABOVE CEILING WITH FIRE/SMOKE DAMPER.
- ⑩ 18"x18" EXHAUST DUCT UP TO ABOVE.
- ⑪ 20"Ø UP TO AIR HANDLING UNIT ABOVE.
- ⑫ 18"Ø DOWN THRU FLOOR BELOW.
- ⑬ 20"x20" GREASE EXHAUST DUCT UP THRU 2nd FLOOR TO EXHAUST FAN ON ROOF.
- ⑭ 16"x16" GREASE EXHAUST DUCT UP THRU 2nd FLOOR TO EXHAUST FAN ON ROOF.
- ⑮ 9"x9" GREASE EXHAUST DUCT UP THRU 2nd FLOOR TO EXHAUST FAN ON ROOF.
- ⑯ 16 GA., ALL WELDED EXHAUST DUCTWORK. SLOPE AT 1/4" PER FOOT TOWARD HOOD. CONNECT TO HOOD PER MFG'R RECOMMENDATIONS. DUCTWORK WILL BE WRAPPED WITH 2" THICK, 2-HOUR 'FIRETEMP' DUCT INSULATION, AS MFG'ed BY JOHNS-MANVILLE MODEL NO: FIRETEMP SL-2.0. FOLLOW ALL MFG'R RECOMMENDATIONS FOR INSTALLATION.
- ⑰ 10"x10" DISHWASHER EXHAUST DUCT UP THRU 2nd FLOOR TO EXHAUST FAN ON ROOF. DUCTWORK IS 304 STAINLESS STEEL.
- ⑱ 27"x10" GREASE EXHAUST CONNECTION TO HOOD.
- ⑲ 28"x10" MAKE-UP AIR CONNECTION TO HOOD.
- ⑳ 28"x10" GREASE EXHAUST CONNECTION TO HOOD.
- ㉑ 26"x10" MAKE-UP AIR CONNECTION TO HOOD.
- ㉒ 9"x9" GREASE EXHAUST CONNECTION TO HOOD.
- ㉓ 24"x8" MAKE-UP AIR CONNECTION TO HOOD.
- ㉔ 10"x10" DISHWASHER EXHAUST CONNECTION TO HOOD. DUCTWORK IS 304 STAINLESS STEEL.
- ㉕ 10'0"x16" LOUVER ABOVE DOOR.
- ㉖ SIDEWALL BLANKED OFF DIFFUSER-MATCHES SIDEWALL DIFFUSER. (WILL APPEAR TO BE CONTINUOUS GRILLE).
- ㉗ DUCTWORK OPEN TO FUTURE TENANT SPACE.
- ㉘ 56"x48" RETURN AIR OPENING ABOVE CEILING WITH FIRE/SMOKE DAMPER.
- ㉙ 72"x30" RETURN AIR OPENING ABOVE CEILING WITH FIRE/SMOKE DAMPER.
- ㉚ FIRE/SMOKE DAMPER NOT REQUIRED: DUCTWORK IS USED TO EVACUATE SMOKE IN EVENT OF FIRE.
- ㉛ CONTINUOUS SUPPLY DIFFUSER.
- ㉜ 48"x4" ENGINEERED PLENUM, 8"Ø INLET, 210CFM.
- ㉝ DUCT PENETRATES BEAM, SEE STRUCTURAL DRAWINGS.
- ㉞ DUCT UNDER BEAM.



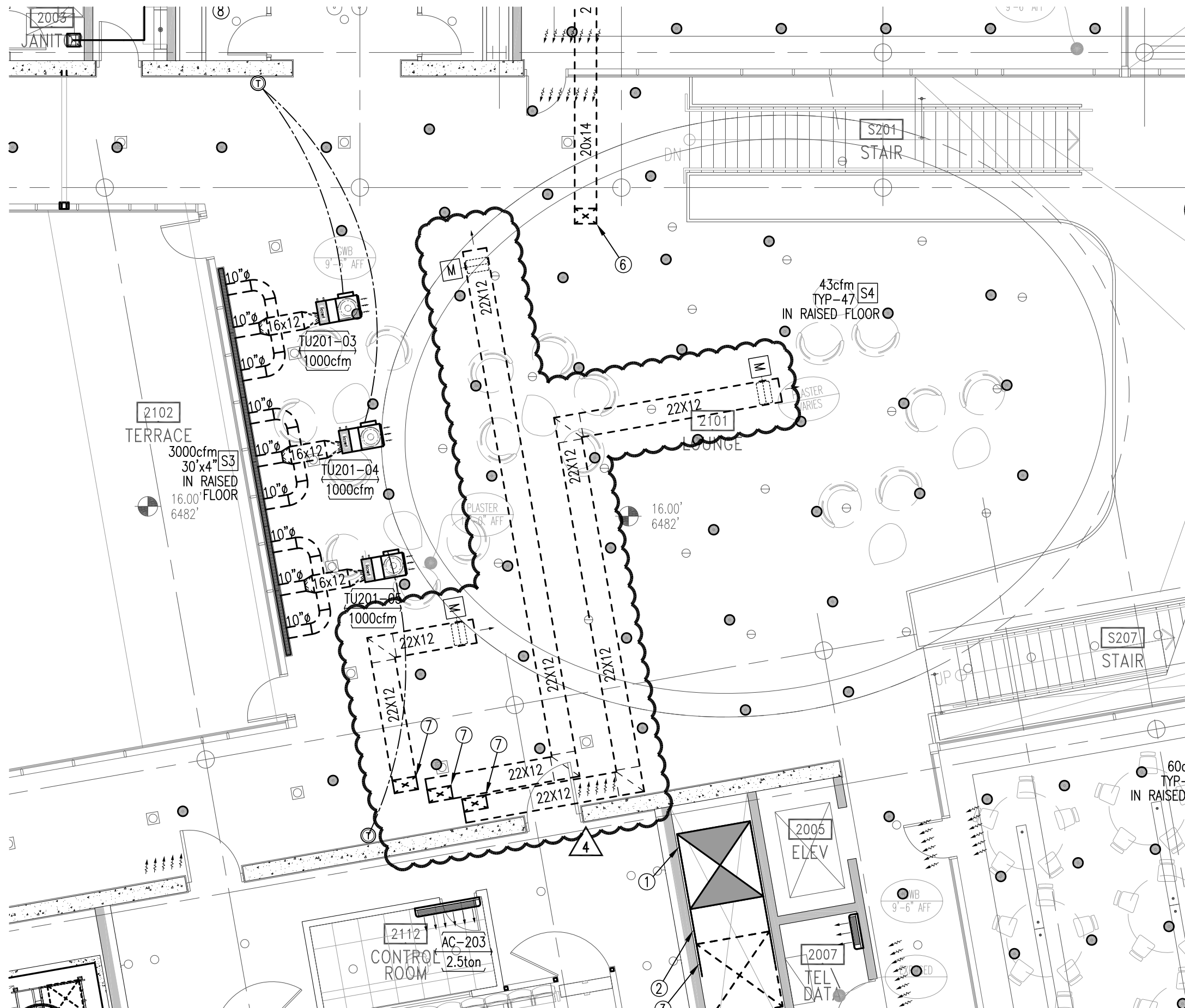
MECHANICAL HVAC FIRST LEVEL CEILING PLAN

SCALE: 1/8" = 1'-0"

M1

Description:

- ① 68"x70"OSA UP THRU 3RD FLOOR ABOVE.
- ② OFFSET IN CHASE.
- ③ 60"x70"OSA DOWN TO BELOW.
- ④ 60"x32"RETURN AIR DOWN TO BELOW.
- ⑤ 34"x34" SUPPLY AIR DOWN THRU FLOOR.
- ⑥ 20"x14" UP FROM BELOW, BELOW RAISED FLOOR.
- ⑦ 22"x14" UP FROM BELOW, BELOW RAISED FLOOR.
- ⑧ 18"x18" EXHAUST DUCT FROM BELOW.



MECHANICAL HVAC SECOND LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"

M1