

06/02/2025

PROJECT

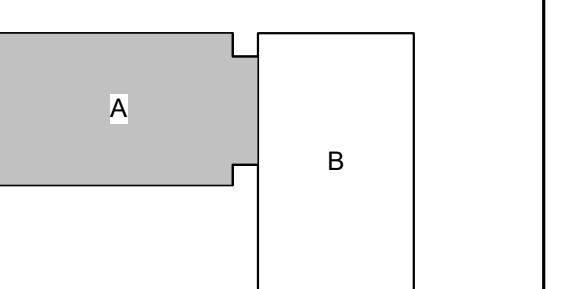
mr. cooper

8550 CYPRESS WATERS BLVD
COPPELL, TEXAS 75019

PHASE 2

ISSUE FOR PERMIT & CONSTRUCTION 05/30/2025

KEYPLAN



ISSUE CHART

MARK	ISSUE FOR PERMIT & CONSTRUCTION	05.30.25
Job Number	141254.000	DATE
		TITLE

FIRST FLOOR PLAN A - MECHANICAL

SHEET NUMBER

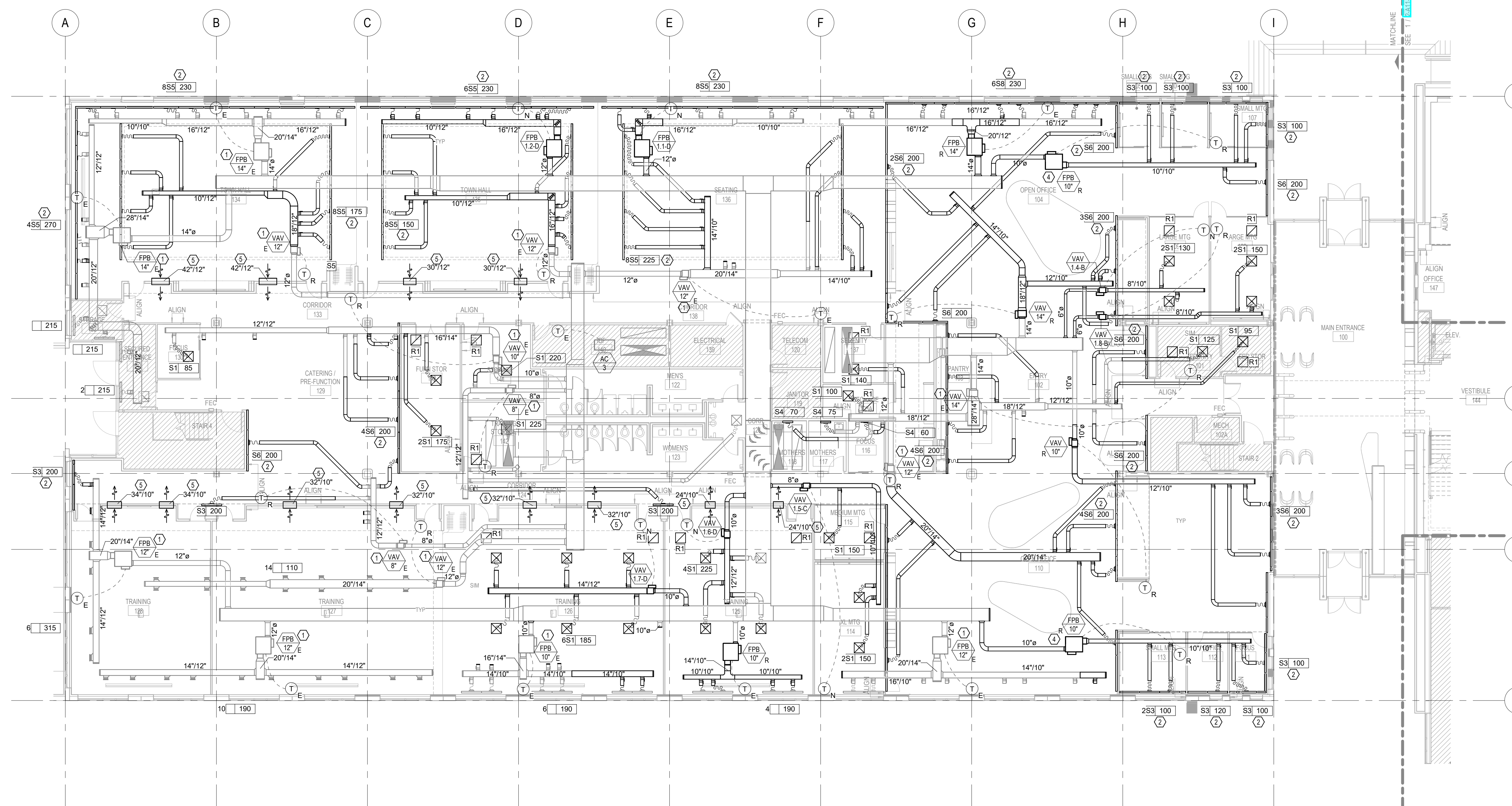
2-M2-01A

NOTES BY SYMBOL:

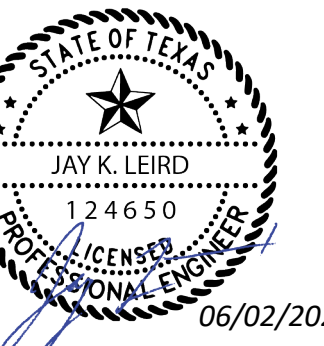
- EXISTING FAN POWERED BOX/VAV TERMINAL UNIT TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING STRAIGHT DUCT INTO THE BOX INLET MAINTAINS A MINIMUM LENGTH OF 3 DUCT DIAMETERS. IF NOT, PLEASE NOTIFY LANDLORD, ARCHITECT, AND ENGINEER OF RECORD PRIOR TO START OF DEMOLITION AND RECONSTRUCTION OF THE DUCTWORK ON THE INLET SIDE OF THE BOX OR RELOCATION OF THE BOX REQUIRED TO MAINTAIN MINIMUM LENGTH.
- BLANK-OFF SLOT DIFFUSERS TO BE PROVIDED ADJACENT TO SUPPLY/RETURN SLOT DIFFUSERS AS SHOWN FOR A CONTINUOUS LOOK.
- EXISTING DIFFUSER TO BE RELOCATED TO LOCATION SHOWN.
- CONTRACTOR TO FIELD COORDINATE LOCATION OF EXISTING FAN POWERED BOX WITH NEW TEAR DROP CEILING. ENSURE THAT EXISTING FAN POWERED BOX HOUSING AND SERVICE ACCESS IS NOT LOCATED OVER THE NEW TEAR DROP CEILING. DEMOLISH, RELOCATE BOX, AND REROUTE DUCTWORK SERVING BOX AS NECESSARY.
- PROVIDE RETURN AIR TRANSFER BOOT AS SHOWN ON PLAN FOR RETURN AIR PATHWAY. RECOMMENDED VELOCITY THROUGH OPENINGS IS 500 FPM.

GENERAL NOTES:

- REWORK/PROVIDE NEW HVAC DUCTWORK AND TERMINAL BOXES AS REQUIRED PER NEW ROOM USAGE AND LAYOUT. MEP SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EQUIPMENT TO DETERMINE EXISTING TERMINAL BOXES AND CONTROLS. ANY RELOCATED OR ADDED FAN POWERED OR VARIABLE AIR VOLUME BOXES TO HAVE MECHANICAL VENDOR WORK WITH EXISTING BMS/CONTROLS SYSTEM TO DISCONNECT/RECONNECT POWER AND COMMUNICATION CIRCUITRY TO BOXES AND PROGRAM FOR NEW LOCATIONS, INCLUDING AIR BALANCING PROTOCOL.
- ALL CONTROLS WITHIN SCOPE OF WORK TO BE NEW DDC CONTROLS PER BUILDING STANDARD. COORDINATE INSTALLATION AND CONNECTION TO EXISTING BMS WITH BUILDING MANAGEMENT.
- PROVIDE NEW RELOCATE EXISTING THERMOSTATS AS REQUIRED AND COORDINATE WITH ARCHITECT ON APPROPRIATE LOCATIONS. LOCATE IN OFFICE/CONFERENCE ROOM WITHIN 3 INCHES ADJACENT TO LIGHT SWITCH AT 48" AFF JUST PAST THE DOOR OR ON WALL AS SHOWN ON PLAN. IN OFFICE AREAS, LOCATE ON COLUMN OR EXTERIOR WALL AS SHOWN ON PLAN.
- PROVIDE STATE CERTIFIED AIR BALANCE REPORT FROM A BUILDING APPROVED HVAC CONTRACTOR.
- CONTRACTOR SHALL CLEAN, REUSE, RELOCATE SUPPLY AND RETURN AIR DEVICES WHERE POSSIBLE. ANY NEW DEVICES REQUIRED SHALL BE PROVIDED FROM BUILDING STOCK AS ALLOWED BY BUILDING MANAGEMENT OR PROVIDE NEW TO MATCH EXISTING.
- CONTRACTOR TO VERIFY RETURN AIR PATH ACROSS WALLS AND BULKHEADS TO DECK U.N.O. COORDINATE NEW RETURN AIR TRANSFER SIZE WITH MEP ENGINEER WHERE REQUIRED. SOUND ATTENUATION/SOUND BOOT AS SPECIFIED IN DETAILS #6 & #7 ON SHEET M6-01 IS HIGHLY RECOMMENDED. 500 FPM MAXIMUM RETURN AIR VELOCITY.
- CONTRACTOR SHALL PROVIDE DUCT MOUNTED SUPPLY AIR DEVICES FOR ANY EXPOSED DUCTWORK SERVING SPACES/ROOMS.
- MAINTAIN ALL WALL, FLOOR, AND ASSEMBLY RATINGS AT DUCT PENETRATIONS. PROVIDE RATED DAMPERS IN DUCT WORK AT ALL RATED PENETRATIONS. DAMPERS RATING TO MAINTAIN WALL, FLOOR, AND ASSEMBLY'S RATING. COORDINATE ALL RATINGS WITH ARCHITECT.
- PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND CONTROLS LOCATED ABOVE INACCESSIBLE CEILINGS. COORDINATE PANEL SELECTION WITH ARCHITECT. PANELS TO BE SIZED FOR UNIT MAINTENANCE AND REMOVAL/REPLACEMENT.
- ALL DUCT IN AREAS WITH CEILINGS OPEN TO STRUCTURE TO BE EXTERNALLY INSULATED RECTANGULAR DUCTWORK. COORDINATE EXTERIOR COLOR AND FINISH WITH ARCHITECT. ALTERNATIVE OPTION: INTERNALLY INSULATED SPIRAL RECTANGULAR DUCTWORK.
- ALL VAV/FPB PRIMARY VALVE MINIMUM SET POINTS AND FPB INDUCTION FAN SET POINTS TO MATCH BUILDING STANDARD, IF AVAILABLE. OTHERWISE, PRIMARY VALVE MINIMUM SET POINT TO EQUAL 15% OF MAX. AND, FPB INDUCTION FAN SET POINTS TO EQUAL 60% OF PRIMARY VALVE MAX.
- PROVIDE OPPOSED BLADE DAMPER/PATTERN CONTROLS WITHIN DIFFUSER/GRILLE FOR ALL TAPS ABOVE INACCESSIBLE CEILINGS.
- PLAN INDICATES APPROXIMATE LOCATIONS OF ALL REGISTERS, GRILLES, AND DIFFUSERS. COORDINATE EXACT LOCATIONS, COLOR, FINISH, AND BORDER TYPES WITH ARCHITECT.
- PROVIDE SOUND BOOT ON ALL RETURN AIR GRILLES WITHIN CONFERENCE ROOMS. REFER TO DETAIL #4 ON SHEET M6-01 FOR MORE INFORMATION.



1 FIRST FLOOR PLAN A - MECHANICAL
SCALE: 3/32" = 1'-0"



06/02/2025

PROJECT

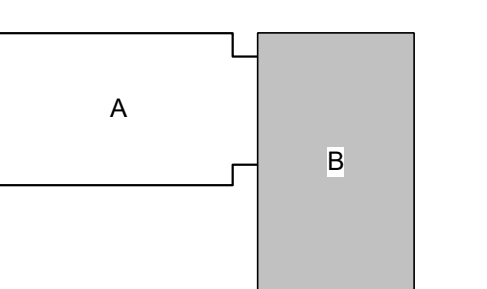


8950 CYPRESS WATERS BLVD
COPPELL, TEXAS 75019

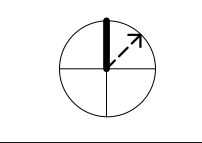
PHASE 2

ISSUE FOR PERMIT & CONSTRUCTION 05/30/2025

KEYPLAN



ISSUE CHART



MARK	ISSUE FOR PERMIT & CONSTRUCTION	DATE
Job Number	141254.000	141254.000
TITLE		

FIRST FLOOR PLAN B - MECHANICAL

SHEET NUMBER

2-M2-01B

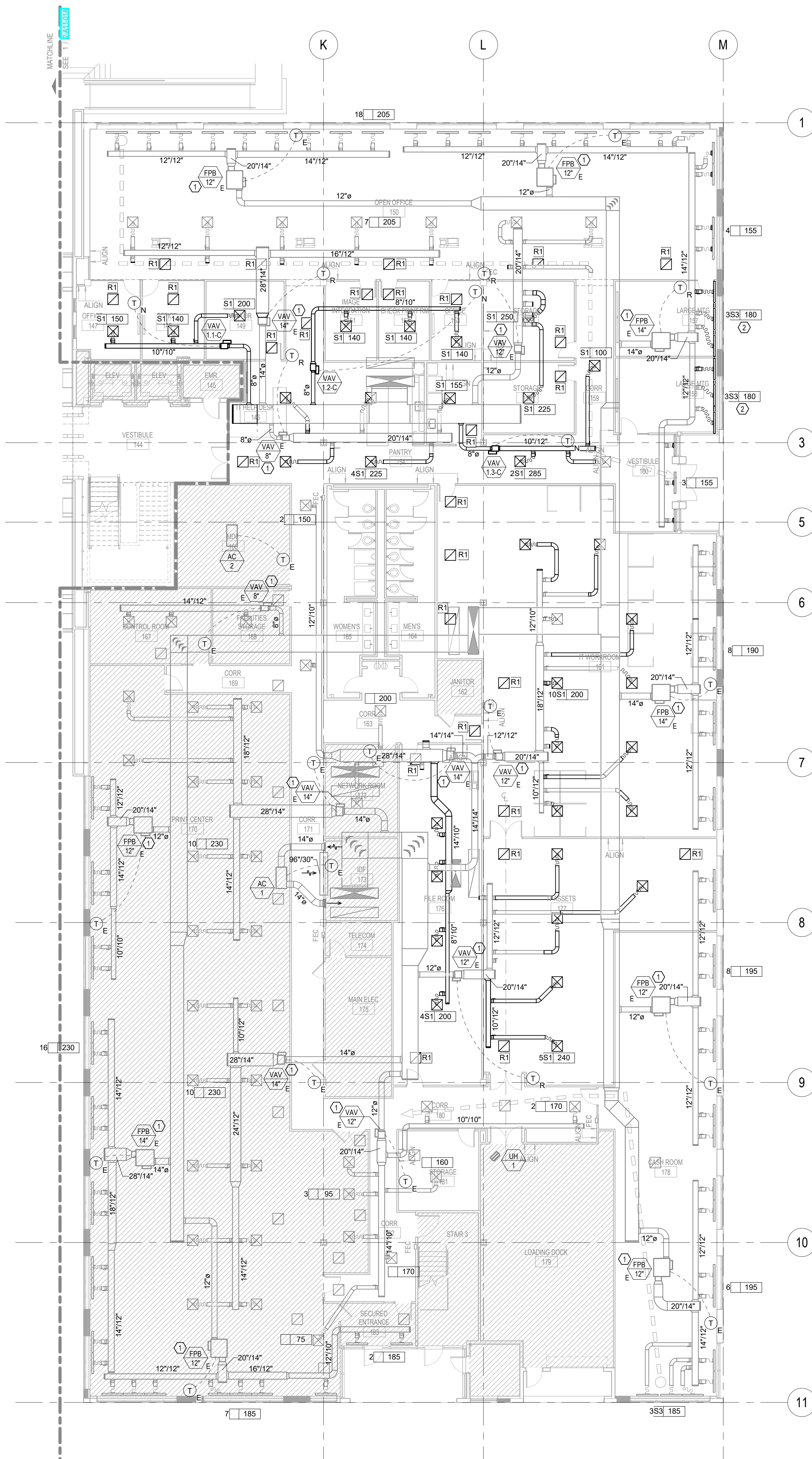
© 2023 Perkins and Will

GENERAL NOTES:

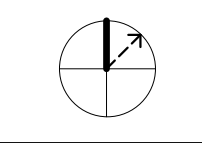
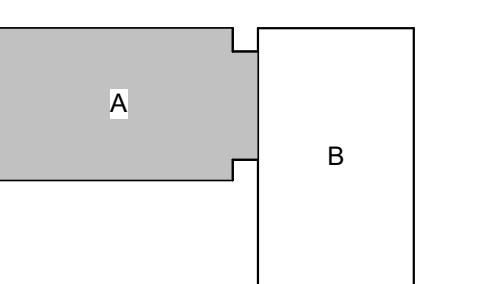
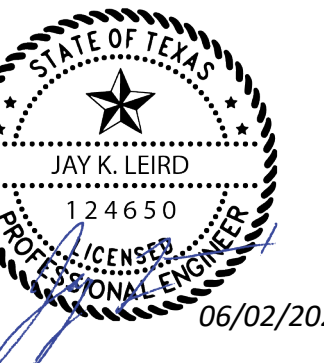
- A. REWORK/PROVIDE NEW HVAC DUCTWORK AND TERMINAL BOXES AS REQUIRED PER NEW ROOM USAGE AND LAYOUT. MEP SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EQUIPMENT TO DETERMINE EXISTING TERMINAL BOXES AND CONTROLS. ANY RELOCATED OR ADDED FAN POWERED OR VARIABLE AIR VOLUME BOXES TO HAVE MECHANICAL VENDOR WORK WITH EXISTING BMS/CONTROLS SYSTEM TO DISCONNECT/RECONNECT POWER AND COMMUNICATION CIRCUITRY TO BOXES AND PROGRAM FOR NEW LOCATIONS, INCLUDING AIR BALANCING PROTOCOL.
- B. ALL CONTROLS WITHIN SCOPE OF WORK TO BE NEW DDC CONTROLS PER BUILDING STANDARD. COORDINATE INSTALLATION AND CONNECTION TO EXISTING BMS WITH BUILDING MANAGEMENT.
- C. PROVIDE NEW RELOCATE EXISTING THERMOSTATS AS REQUIRED AND COORDINATE WITH ARCHITECT ON APPROPRIATE LOCATIONS. LOCATE IN OFFICE/CONFERENCE ROOM WITHIN 3 INCHES ADJACENT TO LIGHT SWITCH AT 48" AFF JUST PAST THE DOOR OR ON WALL AS SHOWN ON PLAN. IN OPEN OFFICE AREAS, LOCATE ON COLUMN OR EXTERIOR WALL AS SHOWN ON PLAN.
- D. PROVIDE STATE CERTIFIED AIR BALANCE REPORT FROM A BUILDING APPROVED HVAC CONTRACTOR.
- E. CONTRACTOR SHALL CLEAN, REUSE, RELOCATE SUPPLY AND RETURN AIR DEVICES WHERE POSSIBLE. ANY NEW DEVICES REQUIRED SHALL BE PROVIDED FROM BUILDING STOCK AS ALLOWED BY BUILDING MANAGEMENT OR PROVIDE NEW TO MATCH EXISTING.
- F. CONTRACTOR TO VERIFY RETURN AIR PATH ACROSS WALLS AND BULKHEADS TO DECK U.N.O. COORDINATE NEW RETURN AIR TRANSFER SIZE WITH MEP ENGINEER WHERE REQUIRED. SOUND ATTENUATION SOUND BOOT AS SPECIFIED IN DETAILS #6 & #7 ON SHEET M6-01 IS HIGHLY RECOMMENDED. 500 FPM MAXIMUM RETURN AIR VELOCITY.
- G. CONTRACTOR SHALL PROVIDE DUCT MOUNTED SUPPLY AIR DEVICES FOR ANY EXPOSED DUCTWORK SERVING SPACES/ROOMS.
- H. MAINTAIN ALL WALL, FLOOR, AND ASSEMBLY RATINGS AT DUCT PENETRATIONS. PROVIDE RATED DAMPERS IN DUCT WORK AT ALL RATED PENETRATIONS. DAMPERS RATING TO MAINTAIN WALL, FLOOR, AND ASSEMBLY'S RATING. COORDINATE ALL RATINGS WITH ARCHITECT.
- I. PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND CONTROLS LOCATED ABOVE INACCESSIBLE CEILINGS. COORDINATE PANEL SELECTION WITH ARCHITECT. PANELS TO BE SIZED FOR UNIT MAINTENANCE AND REMOVAL/REPLACEMENT.
- J. ALL DUCT IN AREAS WITH CEILINGS OPEN TO STRUCTURE TO BE EXTERNALLY INSULATED RECTANGULAR DUCTWORK. COORDINATE EXTERIOR COLOR AND FINISH WITH ARCHITECT. ALTERNATIVE OPTION: INTERNALLY INSULATED SPIRAL RECTANGULAR DUCTWORK.
- K. ALL VAV/FPB PRIMARY VALVE MINIMUM SET POINTS AND FPB INDUCTION FAN SET POINTS TO MATCH BUILDING STANDARD, IF AVAILABLE. OTHERWISE, PRIMARY VALVE MINIMUM SET POINT TO EQUAL 15% OF MAX. AND, FPB INDUCTION FAN SET POINTS TO EQUAL 60% OF PRIMARY VALVE MAX.
- L. PROVIDE OPPOSED BLADE DAMPER/PATTERN CONTROLS WITHIN DIFFUSER/GRILLE FOR ALL TAPS ABOVE INACCESSIBLE CEILINGS.
- M. PLAN INDICATES APPROXIMATE LOCATIONS OF ALL REGISTERS, GRILLES, AND DIFFUSERS. COORDINATE EXACT LOCATIONS, COLOR, FINISH, AND BORDER TYPES WITH ARCHITECT.
- N. PROVIDE SOUND BOOT ON ALL RETURN AIR GRILLES WITHIN CONFERENCE ROOMS. REFER TO DETAIL #4 ON SHEET M6-01 FOR MORE INFORMATION.

NOTES BY SYMBOL:

- 1. EXISTING FAN POWERED BOX/VAV TERMINAL UNIT TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING STRAIGHT DUCT INTO THE BOX INLET MAINTAINS A MINIMUM LENGTH OF 3 DUCT DIAMETERS. IF NOT, PLEASE NOTIFY LANDLORD, ARCHITECT, AND ENGINEER OF RECORD PRIOR TO START OF DEMOLITION AND RECONSTRUCTION OF THE DUCTWORK ON THE INLET SIDE OF THE BOX OR RELOCATION OF THE BOX REQUIRED TO MAINTAIN MINIMUM LENGTH.
- 2. BLANK OFF SLOT DIFFUSERS TO BE PROVIDED ADJACENT TO SUPPLY/RETURN SLOT DIFFUSERS AS SHOWN FOR A CONTINUOUS LOOK.



1 FIRST FLOOR PLAN B - MECHANICAL
SCALE: 3/32" = 1'-0"



ISSUE FOR PERMIT & CONSTRUCTION	05.30.2025
MARK	DATE
ISSUE	DATE
Job Number	141254.000
TITLE	

SECOND FLOOR PLAN A - MECHANICAL

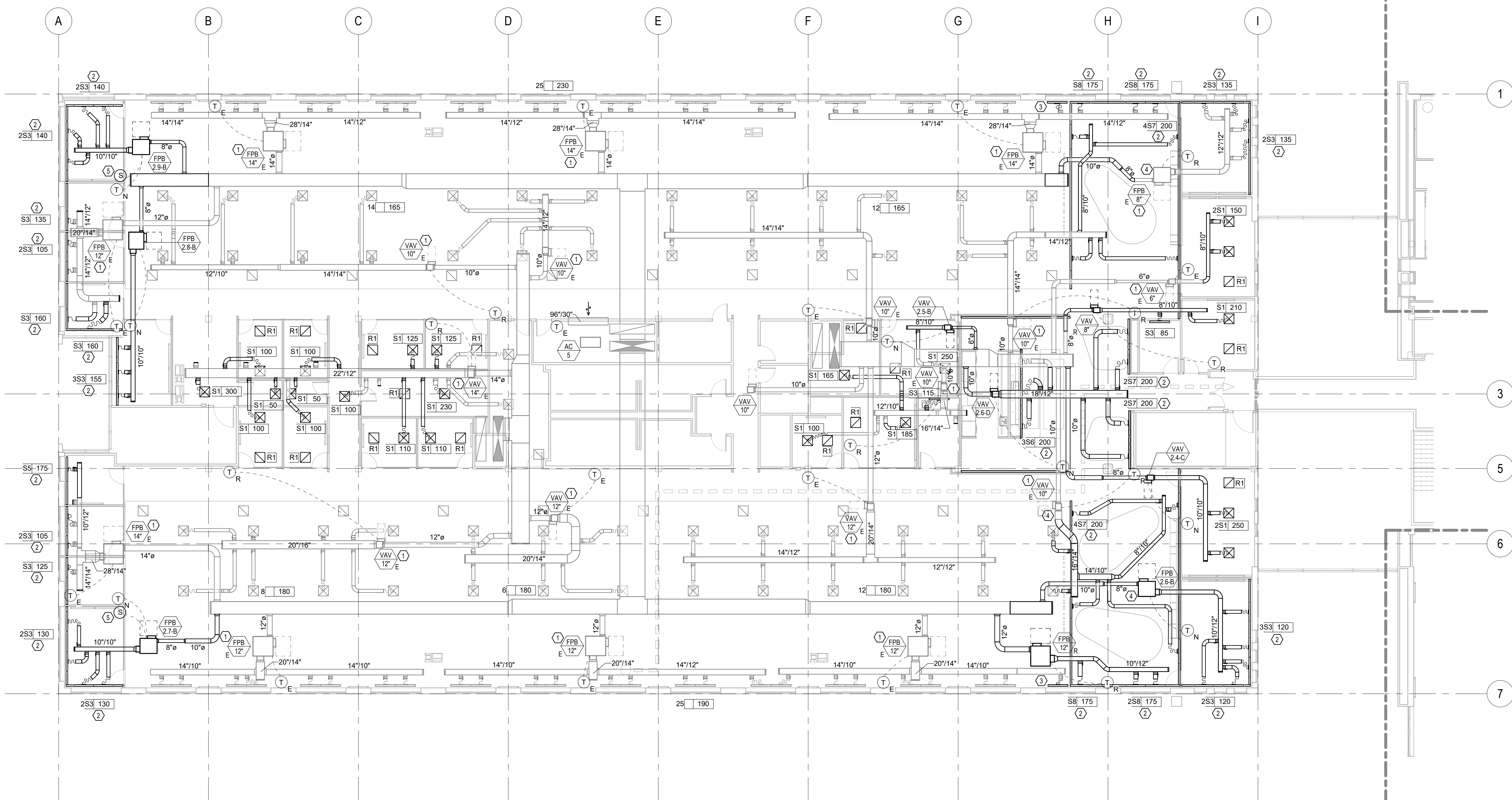
2-M2-02A

NOTES BY SYMBOL:

- EXISTING FAN POWERED BOX/VAV TERMINAL UNIT TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING STRAIGHT DUCT INTO THE BOX INLET MAINTAINS A MINIMUM LENGTH OF 3 DUCT DIAMETERS. IF NOT, PLEASE NOTIFY LANDLORD, ARCHITECT, AND ENGINEER OF RECORD PRIOR TO START OF DEMOLITION AND RECONSTRUCTION OF THE DUCTWORK ON THE INLET SIDE OF THE BOX OR RELOCATION OF THE BOX REQUIRED TO MAINTAIN MINIMUM LENGTH.
- BLANK-OFF SLOT DIFFUSERS TO BE PROVIDED ADJACENT TO SUPPLY/RETURN SLOT DIFFUSERS AS SHOWN FOR A CONTINUOUS LOOK.
- EXISTING DIFFUSER TO BE RELOCATED TO LOCATION SHOWN.
- CONTRACTOR TO FIELD COORDINATE LOCATION OF EXISTING FAN POWERED BOX WITH NEW TEAR DROP CEILING. ENSURE THAT EXISTING FAN POWERED BOX HOUSING AND SERVICE ACCESS IS NOT LOCATED OVER THE NEW TEAR DROP CEILING. DEMOLISH, RELOCATE BOX, AND REROUTE DUCTWORK SERVING BOX AS NECESSARY.
- BUTTON-TYPE REMOTE TEMPERATURE SENSOR MOUNTED ON WALL. REMOTE TEMPERATURE SENSOR TO BE INTERLOCKED WITH THERMOSTAT LOCATED IN ADJACENT ROOM/OFFICE AS SHOWN.

GENERAL NOTES:

- REWORK/PROVIDE NEW HVAC DUCTWORK AND TERMINAL BOXES AS REQUIRED PER NEW ROOM USAGE AND LAYOUT. MEP SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EQUIPMENT TO DETERMINE EXISTING TERMINAL BOXES AND CONTROLS. ANY RELOCATED OR ADDED FAN POWERED OR VARIABLE AIR VOLUME BOXES TO HAVE MECHANICAL VENDOR WORK WITH EXISTING BMS/CONTROLS SYSTEM TO DISCONNECT/RECONNECT POWER AND COMMUNICATION CIRCUITRY TO BOXES AND PROGRAM FOR NEW LOCATIONS, INCLUDING AIR BALANCING PROTOCOL.
- ALL CONTROLS WITHIN SCOPE OF WORK TO BE NEW DDC CONTROLS PER BUILDING STANDARD. COORDINATE INSTALLATION AND CONNECTION TO EXISTING BMS WITH BUILDING MANAGEMENT.
- PROVIDE NEW RELOCATE EXISTING THERMOSTATS AS REQUIRED AND COORDINATE WITH ARCHITECT ON APPROPRIATE LOCATIONS. LOCATE IN OFFICE/CONFERENCE ROOM WITHIN 3 INCHES ADJACENT TO LIGHT SWITCH AT 48" AFF. JUST PAST THE DOOR OR ON WALL AS SHOWN ON PLAN. IN OPEN OFFICE AREAS, LOCATE ON COLUMN OR EXTERIOR WALL AS SHOWN ON PLAN.
- PROVIDE STATE CERTIFIED AIR BALANCE REPORT FROM A BUILDING APPROVED HVAC CONTRACTOR.
- CONTRACTOR SHALL CLEAN, REUSE, RELOCATE SUPPLY AND RETURN AIR DEVICES WHERE POSSIBLE. ANY NEW DEVICES REQUIRED SHALL BE PROVIDED FROM BUILDING STOCK AS ALLOWED BY BUILDING MANAGEMENT OR PROVIDE NEW TO MATCH EXISTING.
- CONTRACTOR TO VERIFY RETURN AIR PATH ACROSS WALLS AND BULKHEADS TO DECK U.N.O. COORDINATE NEW RETURN AIR TRANSFER SIZE WITH MEP ENGINEER WHERE REQUIRED. SOUND ATTENUATION/SOUND BOOT AS SPECIFIED IN DETAILS #6 & #7 ON SHEET M6-01 IS HIGHLY RECOMMENDED. 500 FPM MAXIMUM RETURN AIR VELOCITY.
- CONTRACTOR SHALL PROVIDE DUCT MOUNTED SUPPLY AIR DEVICES FOR ANY EXPOSED DUCTWORK SERVING SPACES/ROOMS.
- MAINTAIN ALL WALL, FLOOR, AND ASSEMBLY RATINGS AT DUCT PENETRATIONS. PROVIDE RATED DAMPERS IN DUCT WORK AT ALL RATED PENETRATIONS. DAMPERS RATING TO MAINTAIN WALL, FLOOR, AND ASSEMBLY'S RATING. COORDINATE ALL RATINGS WITH ARCHITECT.
- PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND CONTROLS LOCATED ABOVE INACCESSIBLE CEILINGS. COORDINATE PANEL SELECTION WITH ARCHITECT. PANELS TO BE SIZED FOR UNIT MAINTENANCE AND REMOVAL/REPLACEMENT.
- ALL DUCT IN AREAS WITH CEILINGS OPEN TO STRUCTURE TO BE EXTERNALLY INSULATED RECTANGULAR DUCTWORK. COORDINATE EXTERIOR COLOR AND FINISH WITH ARCHITECT. ALTERNATIVE OPTION: INTERNALLY INSULATED SPIRAL RECTANGULAR DUCTWORK.
- ALL VAV/FPB PRIMARY VALVE MINIMUM SET POINTS AND FPB INDUCTION FAN SET POINTS TO MATCH BUILDING STANDARD, IF AVAILABLE. OTHERWISE, PRIMARY VALVE MINIMUM SET POINT TO EQUAL 15% OF MAX. AND, FPB INDUCTION FAN SET POINTS TO EQUAL 60% OF PRIMARY VALVE MAX.
- PROVIDE OPPOSED BLADE DAMPER/PATTERN CONTROLS WITHIN DIFFUSER/GRILLE FOR ALL TAPS ABOVE INACCESSIBLE CEILINGS.
- PLAN INDICATES APPROXIMATE LOCATIONS OF ALL REGISTERS, GRILLES, AND DIFFUSERS. COORDINATE EXACT LOCATIONS, COLOR, FINISH, AND BORDER TYPES WITH ARCHITECT.
- PROVIDE SOUND BOOT ON ALL RETURN AIR GRILLES WITHIN CONFERENCE ROOMS. REFER TO DETAIL #4 ON SHEET M6-01 FOR MORE INFORMATION.



1 SECOND FLOOR PLAN A - MECHANICAL
SCALE: 3/32" = 1'-0"

SCHMIDT & STACY
CONSULTING ENGINEERS, INC.
2900 CITYPLACE
2711 N. HASKELL AVE.
DALLAS, TX 75204
214-874-0200
PROJECT # 3783001
TEXAS REGISTRATION # F000521

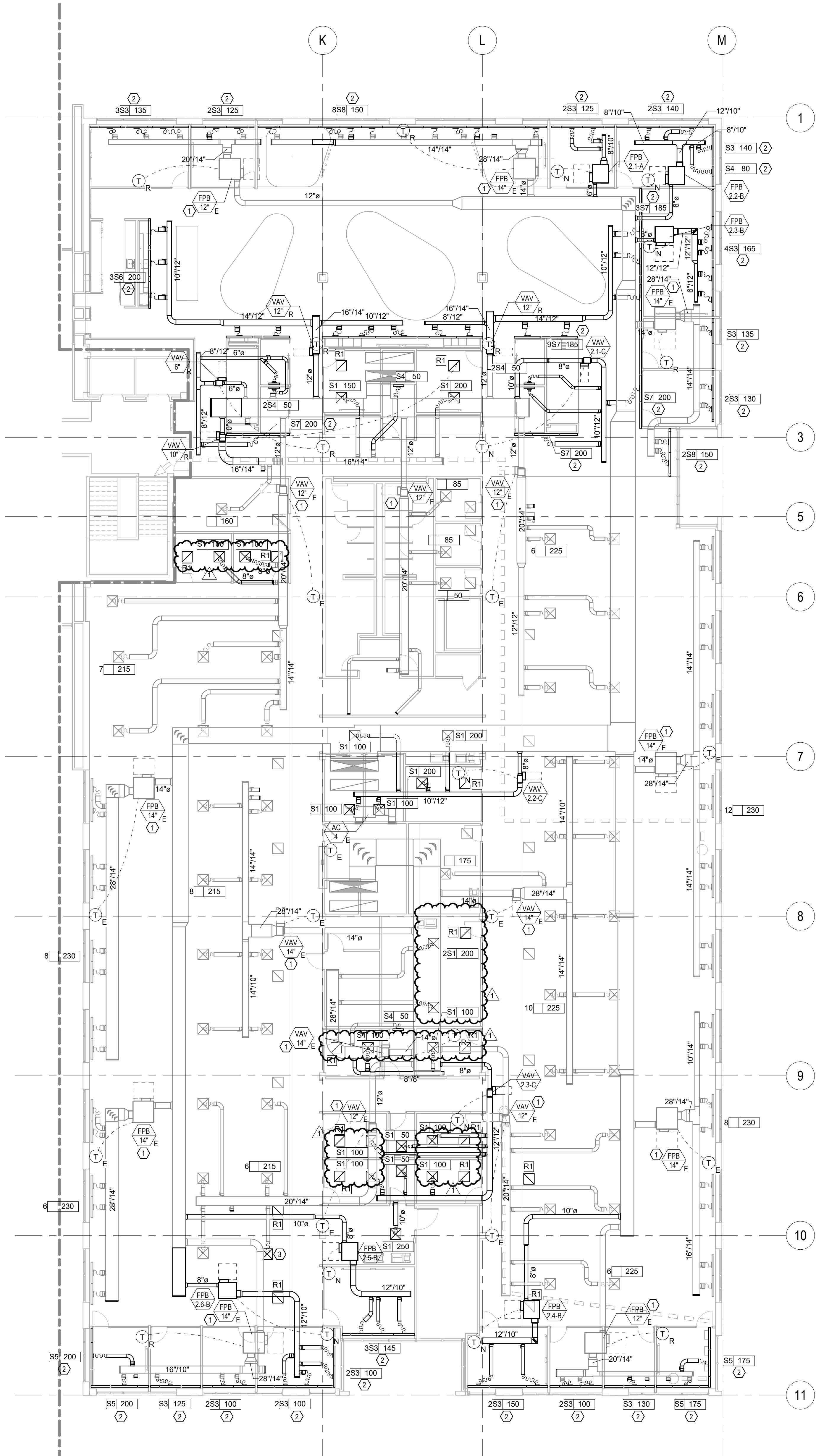


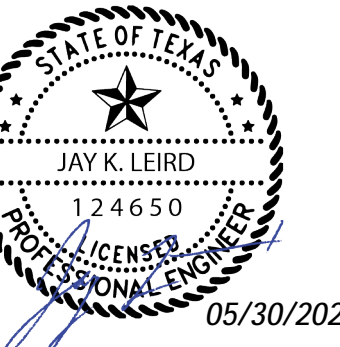
GENERAL NOTES:

- A. REWORK/PROVIDE NEW HVAC DUCTWORK AND TERMINAL BOXES AS REQUIRED PER NEW ROOM USAGE AND LAYOUT. MEP SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EQUIPMENT TO DETERMINE EXISTING TERMINAL BOXES AND CONTROLS. ANY RELOCATED OR ADDED FAN POWERED OR VARIABLE AIR VOLUME BOXES TO HAVE MECHANICAL VENDOR WORK WITH EXISTING BMS/CONTROLS SYSTEM TO DISCONNECT/RECONNECT POWER AND COMMUNICATION CIRCUITRY TO BOXES AND PROGRAM FOR NEW LOCATIONS, INCLUDING AIR BALANCING PROTOCOL.
- B. ALL CONTROLS WITHIN SCOPE OF WORK TO BE NEW DDC CONTROLS PER BUILDING STANDARD. COORDINATE INSTALLATION AND CONNECTION TO EXISTING BMS WITH BUILDING MANAGEMENT.
- C. PROVIDE NEW RELOCATE EXISTING THERMOSTATS AS REQUIRED AND COORDINATE WITH ARCHITECT ON APPROPRIATE LOCATIONS. LOCATE IN OFFICE/CONFERENCE ROOM WITHIN 3 INCHES ADJACENT TO LIGHT SWITCH AT 48" AFF JUST PAST THE DOOR OR ON WALL AS SHOWN ON PLAN. IN OPEN OFFICE AREAS, LOCATE ON COLUMN OR EXTERIOR WALL AS SHOWN ON PLAN.
- D. PROVIDE STATE CERTIFIED AIR BALANCE REPORT FROM A BUILDING APPROVED HVAC CONTRACTOR.
- E. CONTRACTOR SHALL CLEAN, REUSE, RELOCATE SUPPLY AND RETURN AIR DEVICES. ANY NEW DEVICES REQUIRED SHALL BE PROVIDED FROM BUILDING STOCK AS ALLOWED BY BUILDING MANAGEMENT OR PROVIDE NEW TO MATCH EXISTING.
- F. CONTRACTOR TO VERIFY RETURN AIR PATH ACROSS WALLS AND BULKHEADS TO DECK U.N.O. COORDINATE NEW RETURN AIR TRANSFER SIZE WITH MEP ENGINEER WHERE REQUIRED. SOUND ATTENUATION SOUND BOOT AS SPECIFIED IN DETAILS #6 & #7 ON SHEET M6-01 IS HIGHLY RECOMMENDED. 500 FPM MAXIMUM RETURN AIR VELOCITY.
- G. CONTRACTOR SHALL PROVIDE DUCT MOUNTED SUPPLY AIR DEVICES FOR ANY EXPOSED DUCTWORK SERVING SPACES/ROOMS.
- H. MAINTAIN ALL WALL, FLOOR, AND ASSEMBLY RATINGS AT DUCT PENETRATIONS. PROVIDE RATED DAMPERS IN DUCT WORK AT ALL RATED PENETRATIONS. DAMPERS RATING TO MAINTAIN WALL, FLOOR, AND ASSEMBLY'S RATING. COORDINATE ALL RATINGS WITH ARCHITECT.
- I. PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND CONTROLS LOCATED ABOVE INACCESSIBLE CEILING. COORDINATE PANEL SELECTION WITH ARCHITECT. PANELS TO BE SIZED FOR UNIT MAINTENANCE AND REMOVAL/REPLACEMENT.
- J. ALL DUCT IN AREAS WITH CEILINGS OPEN TO STRUCTURE TO BE EXTERNALLY INSULATED RECTANGULAR DUCTWORK. COORDINATE EXTERIOR COLOR AND FINISH WITH ARCHITECT. ALTERNATIVE OPTION: INTERNALLY INSULATED SPIRAL RECTANGULAR DUCTWORK.
- K. ALL VAV/FPB PRIMARY VALVE MINIMUM SET POINTS AND FPB INDUCTION FAN SET POINTS TO MATCH BUILDING STANDARD, IF AVAILABLE. OTHERWISE, PRIMARY VALVE MINIMUM SET POINT TO EQUAL 15% OF MAX. AND FPB INDUCTION FAN SET POINTS TO EQUAL 60% OF PRIMARY VALVE MAX.
- L. PROVIDE OPPOSED BLADE DAMPER/PATTERN CONTROLS WITHIN DIFFUSER/GRILLE FOR ALL TAPS ABOVE INACCESSIBLE CEILING.
- M. PLAN INDICATES APPROXIMATE LOCATIONS OF ALL REGISTERS, GRILLES, AND DIFFUSERS. COORDINATE EXACT LOCATIONS, COLOR, FINISH, AND BORDER TYPES WITH ARCHITECT.
- N. PROVIDE SOUND BOOT ON ALL RETURN AIR GRILLES WITHIN CONFERENCE ROOMS. REFER TO DETAIL #4 ON SHEET M6-01 FOR MORE INFORMATION.

NOTES BY SYMBOL:

- 1. EXISTING FAN POWERED BOX/VAV TERMINAL UNIT TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING STRAIGHT DUCT INTO THE BOX INLET MAINTAINS A MINIMUM LENGTH OF 3 DUCT DIAMETERS. IF NOT, PLEASE NOTIFY LANDLORD, ARCHITECT, AND ENGINEER OF RECORD PRIOR TO START OF DEMOLITION AND RECONSTRUCTION OF THE DUCTWORK ON THE INLET SIDE OF THE BOX OR RELOCATION OF THE BOX REQUIRED TO MAINTAIN MINIMUM LENGTH.
- 2. BLANK-OFF SLOT DIFFUSERS TO BE PROVIDED ADJACENT TO SUPPLY/RETURN SLOT DIFFUSERS AS SHOWN FOR A CONTINUOUS LOOK.
- 3. EXISTING DIFFUSER TO BE RELOCATED TO LOCATION SHOWN.





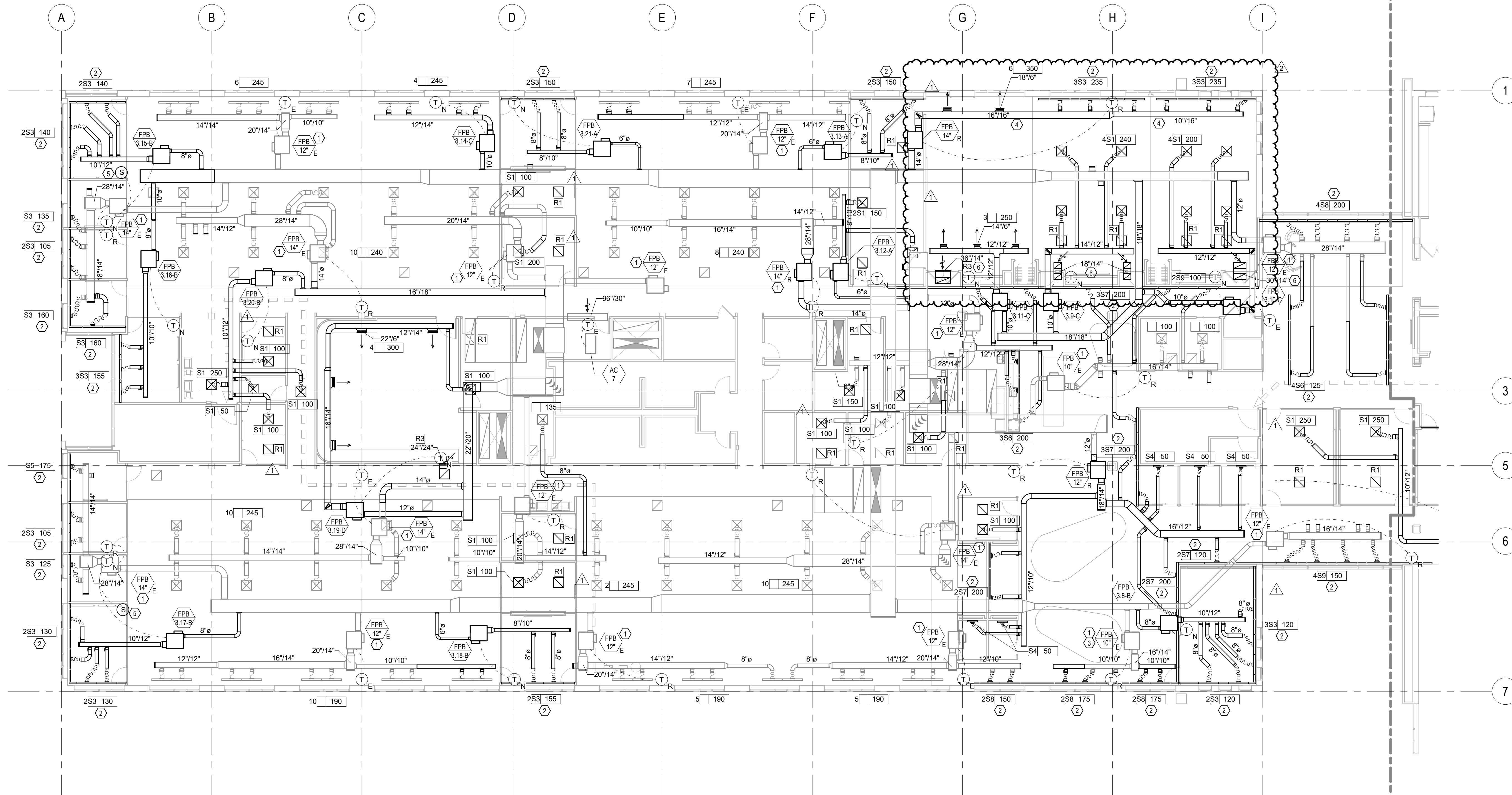
2	BULLETIN-2-PH1	05.30.25
1	BULLETIN-1-PH1	05.20.25
	ISSUE FOR CONSTRUCTION	03.20.25
	ISSUE FOR PERMIT	02.25.25
MARK	ISSUE	DATE
Job Number	141254.000	TITLE

NOTES BY SYMBOL:

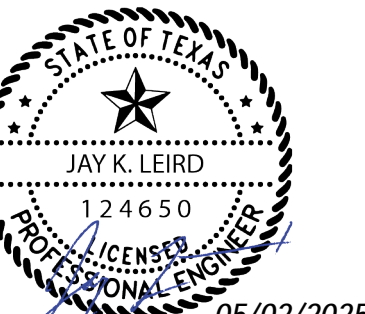
- EXISTING FAN POWERED BOX/VAV TERMINAL UNIT TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING STRAIGHT DUCT INTO THE BOX INLET MAINTAINS A MINIMUM LENGTH OF 5 DUCT DIAMETERS. IF NOT, PLEASE NOTIFY LANDLORD, ARCHITECT, AND ENGINEER OF RECORD PRIOR TO START OF DEMOLITION AND RECONSTRUCTION OF THE DUCTWORK ON THE INLET SIDE OF THE BOX OR RELOCATION OF THE BOX REQUIRED TO MAINTAIN MINIMUM LENGTH.
- BLANK-OFF SLOT DIFFUSERS TO BE PROVIDED ADJACENT TO SUPPLY/RETURN SLOT DIFFUSERS AS SHOWN FOR CONTINUOUS LOOK.
- CONTRACTOR TO FIELD COORDINATE LOCATION OF EXISTING FAN POWERED BOX WITH NEW TEAR DROP CEILING. ENSURE THAT EXISTING FAN POWERED BOX HOUSING AND SERVICE ACCESS IS NOT LOCATED OVER THE NEW TEAR DROP CEILING. DEMOLISH, RELOCATE BOX, AND REROUTE DUCTWORK SERVING BOX AS NECESSARY.
- CONTRACTOR TO FIELD COORDINATE ROUTING OF NEW DUCTWORK SHOWN WITH THE EXISTING STRUCTURAL STEEL THAT IS SUPPORTING THE EXISTING OPERABLE PARTITIONS.
- BUTTON-TYPE REMOTE TEMPERATURE SENSOR MOUNTED ON WALL. REMOTE TEMPERATURE SENSOR TO BE INTERLOCKED WITH THERMOSTAT LOCATED IN ADJACENT ROOM/OFFICE AS SHOWN.
- CONTRACTOR TO VERIFY IF EXISTING WALL DOES GOES TO DECK AND THERE ARE EXISTING RETURN OPENINGS ABOVE DOORS AND THE OPENINGS ARE SUFFICIENT FOR TOTAL AIRFLOW SERVING SPACE. RECOMMENDED VELOCITY THROUGH OPENINGS IS 500 FPM. IF EXISTING RETURN OPENINGS ARE NOT PRESENT, THEN PROVIDE RETURN AIR TRANSFER BOOT AS SHOWN ON PLAN ABOVE DOOR FOR RETURN AIR PATHWAY.

GENERAL NOTES:

- REWORK/PROVIDE NEW HVAC DUCTWORK AND TERMINAL BOXES AS REQUIRED PER NEW ROOM USAGE AND LAYOUT. MEP SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EQUIPMENT TO DETERMINE EXISTING TERMINAL BOXES AND CONTROLS. ANY RELOCATED OR ADDED FAN POWERED OR VARIABLE AIR VOLUME BOXES TO HAVE MECHANICAL VENDOR WORK WITH EXISTING BMS/CONTROLS SYSTEM TO DISCONNECT/RECONNECT POWER AND COMMUNICATION CIRCUITRY TO BOXES AND PROGRAM FOR NEW LOCATIONS, INCLUDING AIR BALANCING PROTOCOL.
- ALL CONTROLS WITHIN SCOPE OF WORK TO BE NEW DDC CONTROLS PER BUILDING STANDARD. COORDINATE INSTALLATION AND CONNECTION TO EXISTING BMS WITH BUILDING MANAGEMENT.
- PROVIDE NEW RELOCATE EXISTING THERMOSTATS AS REQUIRED AND COORDINATE WITH ARCHITECT ON APPROPRIATE LOCATIONS. LOCATE IN OFFICE/CONFERENCE ROOM WITHIN 3 INCHES ADJACENT TO LIGHT SWITCH AT 48" AFF. JUST PAST THE DOOR OR ON WALL AS SHOWN ON PLAN. IN OPEN OFFICE AREAS, LOCATE ON COLUMN OR EXTERIOR WALL AS SHOWN ON PLAN.
- PROVIDE STATE CERTIFIED AIR BALANCE REPORT FROM A BUILDING APPROVED HVAC CONTRACTOR.
- CONTRACTOR SHALL CLEAN, REUSE, RELOCATE SUPPLY AND RETURN AIR DEVICES WHERE POSSIBLE. ANY NEW DEVICES REQUIRED SHALL BE PROVIDED FROM BUILDING STOCK AS ALLOWED BY BUILDING MANAGEMENT OR PROVIDE NEW TO MATCH EXISTING.
- CONTRACTOR TO VERIFY RETURN AIR PATH ACROSS WALLS AND BULKHEADS TO DECK U.N.O. COORDINATE NEW RETURN AIR TRANSFER SIZE WITH MEP ENGINEER WHERE REQUIRED. SOUND ATTENUATION/SOUND BOOT AS SPECIFIED IN DETAILS #6 & #7 ON SHEET M6-01 IS HIGHLY RECOMMENDED. 500 FPM MAXIMUM RETURN AIR VELOCITY.
- CONTRACTOR SHALL PROVIDE DUCT MOUNTED SUPPLY AIR DEVICES FOR ANY EXPOSED DUCTWORK SERVING SPACES/ROOMS.
- MAINTAIN ALL WALL, FLOOR, AND ASSEMBLY RATINGS AT DUCT PENETRATIONS. PROVIDE RATED DAMPERS IN DUCT WORK AT ALL RATED PENETRATIONS. DAMPERS RATING TO MAINTAIN WALL, FLOOR, AND ASSEMBLY'S RATING. COORDINATE ALL RATINGS WITH ARCHITECT.
- PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND CONTROLS LOCATED ABOVE INACCESSIBLE CEILINGS. COORDINATE PANEL SELECTION WITH ARCHITECT. PANELS TO BE SIZED FOR UNIT MAINTENANCE AND REMOVAL/REPLACEMENT.
- ALL DUCT IN AREAS WITH CEILINGS OPEN TO STRUCTURE TO BE EXTERNALLY INSULATED RECTANGULAR DUCTWORK. COORDINATE EXTERIOR COLOR AND FINISH WITH ARCHITECT. ALTERNATIVE OPTION: INTERNALLY INSULATED SPIRAL RECTANGULAR DUCTWORK.
- ALL VAV/FPB PRIMARY VALVE MINIMUM SET POINTS AND FPB INDUCTION FAN SET POINTS TO MATCH BUILDING STANDARD, IF AVAILABLE. OTHERWISE, PRIMARY VALVE MINIMUM SET POINT TO EQUAL 15% OF MAX. AND, FPB INDUCTION FAN SET POINTS TO EQUAL 60% OF PRIMARY VALVE MAX.
- PROVIDE OPPOSED BLADE DAMPER/PATTERN CONTROLS WITHIN DIFFUSER/GRIFFLE FOR ALL TAPS ABOVE INACCESSIBLE CEILINGS.
- PLAN INDICATES APPROXIMATE LOCATIONS OF ALL REGISTERS, GRILLES, AND DIFFUSERS. COORDINATE EXACT LOCATIONS, COLOR, FINISH, AND BORDER TYPES WITH ARCHITECT.
- PROVIDE SOUND BOOT ON ALL RETURN AIR GRILLES WITHIN CONFERENCE ROOMS. REFER TO DETAIL #4 ON SHEET M6-01 FOR MORE INFORMATION.



1 THIRD FLOOR PLAN A - MECHANICAL
SCALE: 3/32" = 1'-0"



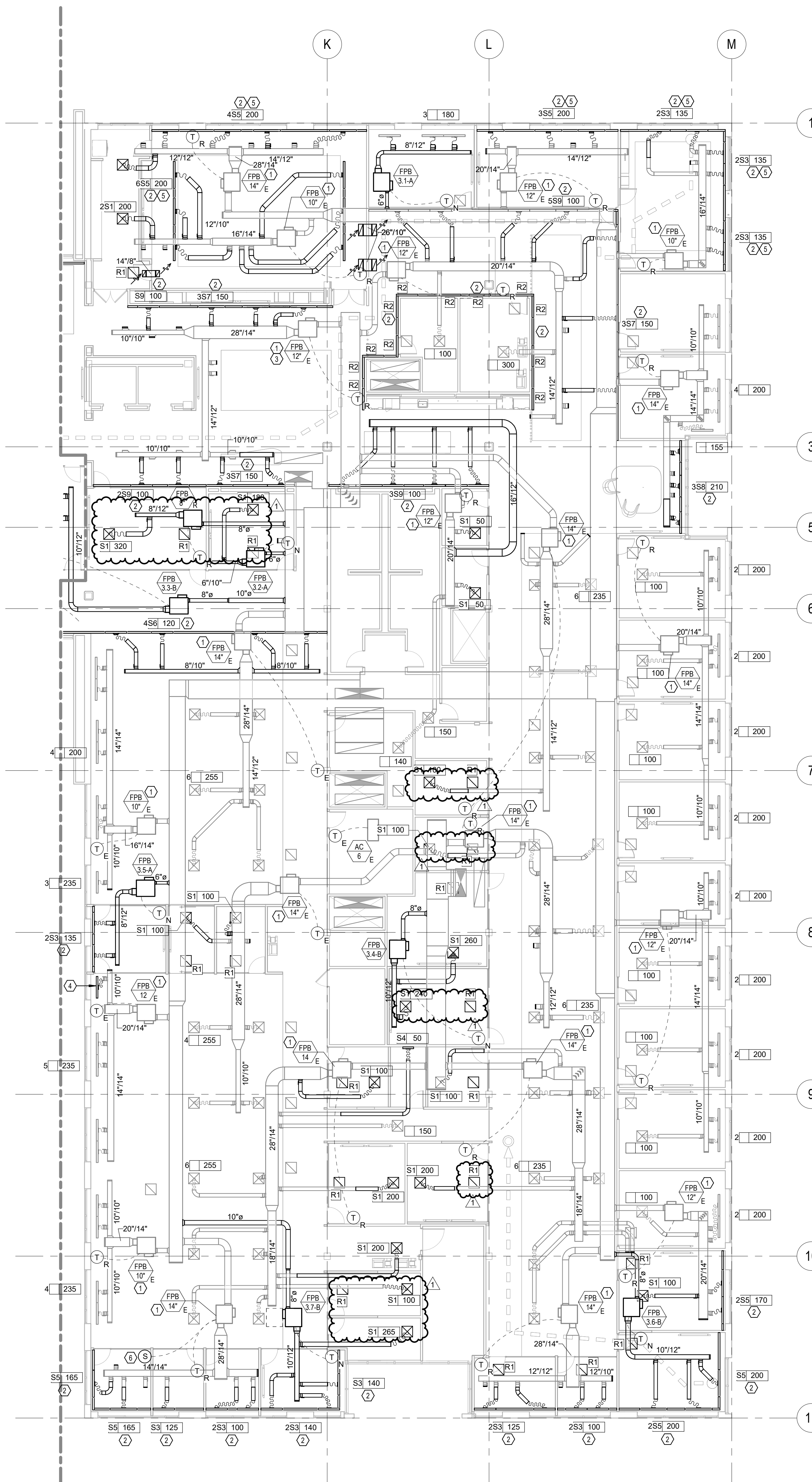
1	BULLETIN-1-PH1	05/02/25
	ISSUE FOR CONSTRUCTION	03/20/25
	ISSUE FOR PERMIT	02/25/25
MARK	ISSUE	DATE
Job Number	141254.000	
	TITLE	

GENERAL NOTES:

- A. REWORK/PROVIDE NEW HVAC DUCTWORK AND TERMINAL BOXES AS REQUIRED PER NEW ROOM USAGE AND LAYOUT. MEP SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND EQUIPMENT TO DETERMINE EXISTING TERMINAL BOXES AND CONTROLS. ANY RELOCATED OR ADDED FAN POWERED OR VARIABLE AIR VOLUME BOXES TO HAVE MECHANICAL VENDOR WORK WITH EXISTING BMS/CONTROLS SYSTEM TO DISCONNECT/RECONNECT POWER AND COMMUNICATION CIRCUITRY TO BOXES AND PROGRAM FOR NEW LOCATIONS, INCLUDING AIR BALANCING PROTOCOL.
- B. ALL CONTROLS WITHIN SCOPE OF WORK TO BE NEW DDC CONTROLS PER BUILDING STANDARD. COORDINATE INSTALLATION AND CONNECTION TO EXISTING BMS WITH BUILDING MANAGEMENT.
- C. PROVIDE NEW RELOCATE EXISTING THERMOSTATS AS REQUIRED AND COORDINATE WITH ARCHITECT ON APPROPRIATE LOCATIONS. LOCATE IN OFFICE/CONFERENCE ROOM WITHIN 3 INCHES ADJACENT TO LIGHT SWITCH AT 48" AFF JUST PAST THE DOOR OR ON WALL AS SHOWN ON PLAN. IN OPEN OFFICE AREAS, LOCATE ON COLUMN OR EXTERIOR WALL AS SHOWN ON PLAN.
- D. PROVIDE STATE CERTIFIED AIR BALANCE REPORT FROM A BUILDING APPROVED HVAC CONTRACTOR.
- E. CONTRACTOR SHALL CLEAN, REUSE, RELOCATE SUPPLY AND RETURN AIR DEVICES. ANY NEW DEVICES REQUIRED SHALL BE PROVIDED FROM BUILDING STOCK AS ALLOWED BY BUILDING MANAGEMENT OR PROVIDE NEW TO MATCH EXISTING.
- F. CONTRACTOR TO VERIFY RETURN AIR PATH ACROSS WALLS AND BULKHEADS TO DECK U.N.O. COORDINATE NEW RETURN AIR TRANSFER SIZE WITH MEP ENGINEER WHERE REQUIRED. SOUND ATTENUATION SOUND RATING AS SPECIFIED IN DETAILS #6 & #7 ON SHEET M6-01 IS HIGHLY RECOMMENDED. 500 FPM MAXIMUM RETURN AIR VELOCITY.
- G. CONTRACTOR SHALL PROVIDE DUCT MOUNTED SUPPLY AIR DEVICES FOR ANY EXPOSED DUCTWORK SERVING SPACES/ROOMS.
- H. MAINTAIN ALL WALL, FLOOR, AND ASSEMBLY RATINGS AT DUCT PENETRATIONS. PROVIDE RATED DAMPERS IN DUCT WORK AT ALL RATED PENETRATIONS. DAMPERS RATING TO MAINTAIN WALL, FLOOR, AND ASSEMBLY'S RATING. COORDINATE ALL RATINGS WITH ARCHITECT.
- I. PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND CONTROLS LOCATED ABOVE INACCESSIBLE CEILINGS. COORDINATE PANEL SELECTION WITH ARCHITECT. PANELS TO BE SIZED FOR UNIT MAINTENANCE AND REMOVAL/REPLACEMENT.
- J. ALL DUCT IN AREAS WITH CEILINGS OPEN TO STRUCTURE TO BE EXTERNALLY INSULATED RECTANGULAR DUCTWORK. COORDINATE EXTERIOR COLOR AND FINISH WITH ARCHITECT. ALTERNATIVE OPTION: INTERNALLY INSULATED SPIRAL RECTANGULAR DUCTWORK.
- K. ALL VAV/FPB PRIMARY VALVE MINIMUM SET POINTS AND FPB INDUCTION FAN SET POINTS TO MATCH BUILDING STANDARD, IF AVAILABLE. OTHERWISE, PRIMARY VALVE MINIMUM SET POINT TO EQUAL 15% OF MAX. AND, FPB INDUCTION FAN SET POINTS TO EQUAL 60% OF PRIMARY VALVE MAX.
- L. PROVIDE OPPOSED BLADE DAMPER/PATTERN CONTROLS WITHIN DIFFUSER/GRILLE FOR ALL TAPS ABOVE INACCESSIBLE CEILINGS.
- M. PLAN INDICATES APPROXIMATE LOCATIONS OF ALL REGISTERS, GRILLES, AND DIFFUSERS. COORDINATE EXACT LOCATIONS, COLOR, FINISH, AND BORDER TYPES WITH ARCHITECT.
- N. PROVIDE SOUND BOOT ON ALL RETURN AIR GRILLES WITHIN CONFERENCE ROOMS. REFER TO DETAIL #4 ON SHEET M6-01 FOR MORE INFORMATION.

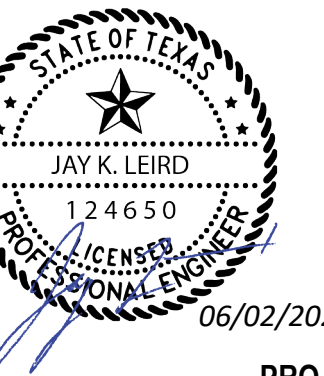
NOTES BY SYMBOL:

1. EXISTING FAN POWERED BOX/VAV TERMINAL UNIT TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING STRAIGHT DUCT INTO THE BOX INLET MAINTAINS A MINIMUM LENGTH OF 3 DUCT DIAMETERS. IF NOT, PLEASE NOTIFY LANDLORD, ARCHITECT, AND ENGINEER OF RECORD PRIOR TO START OF DEMOLITION AND RECONSTRUCTION OF THE DUCTWORK ON THE INLET SIDE OF THE BOX OR RELOCATION OF THE BOX REQUIRED TO MAINTAIN MINIMUM LENGTH.
2. BLANK-OFF SLOT DIFFUSERS TO BE PROVIDED ADJACENT TO SUPPLY/RETURN SLOT DIFFUSERS AS SHOWN FOR CONTINUOUS LOOK.
3. CONTRACTOR TO FIELD COORDINATE LOCATION OF EXISTING FAN POWERED BOX WITH NEW TEAR DROP CEILING. ENSURE THAT EXISTING FAN POWERED BOX HOUSING AND SERVICE ACCESS IS NOT LOCATED OVER THE NEW TEAR DROP CEILING. DEMOLISH, RELOCATE BOX, AND REROUTE DUCTWORK SERVING BOX AS NECESSARY.
4. EXISTING SLOT DIFFUSER TO BE RELOCATED TO LOCATION SHOWN.
5. PROVIDE SLOT DIFFUSER WITH BORDER TYPE SIMILAR OR EQUAL TO BORDER TYPE 22.
6. BUILT-IN-TYPE REMOTE TEMPERATURE SENSOR MOUNTED ON WALL. REMOTE TEMPERATURE SENSOR TO BE INTERLOCKED WITH THERMOSTAT LOCATED IN ADJACENT ROOM/OFFICE AS SHOWN.



1 THIRD FLOOR PLAN B - MECHANICAL
SCALE: 3/32" = 1'-0"

SCHMIDT & STACY
CONSULTING ENGINEERS, INC.
2900 CITYPLACE
2711 N. HASKELL AVE.
DALLAS, TX 75204
214-874-2000
PROJECT #3783001
TEXAS REGISTRATION #F000521



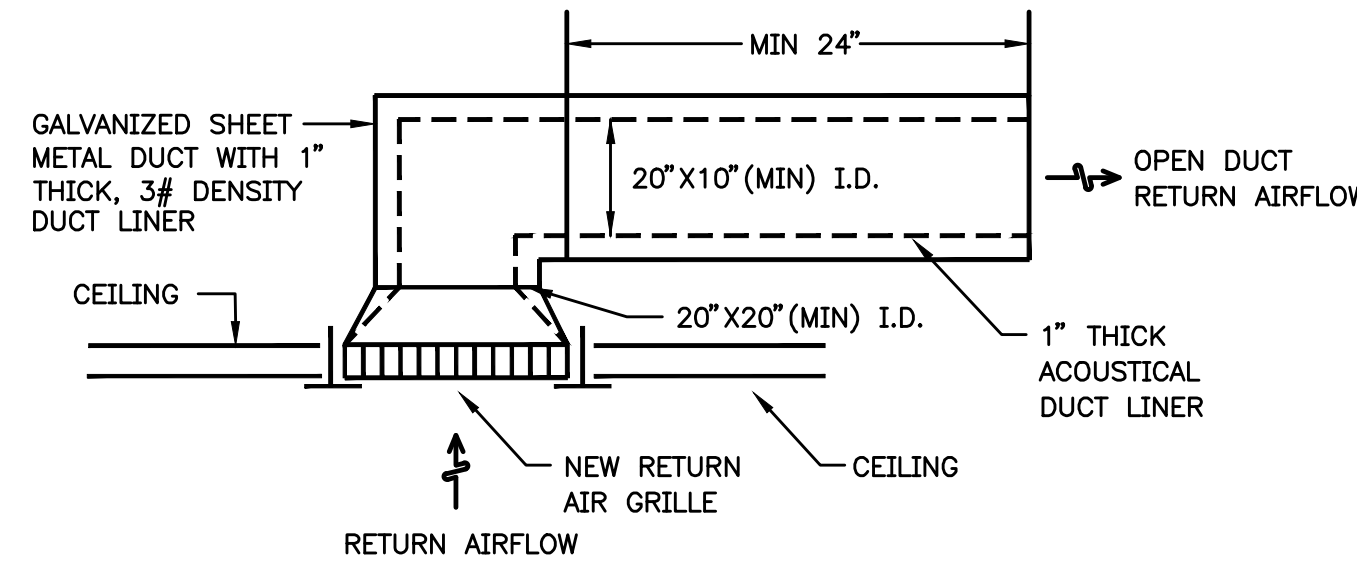
ISSUE FOR PERMIT & CONSTRUCTION	05.30.25
MARK	ISSUE
Job Number	141254.000
TITLE	

FAN POWERED TERMINAL SCHEDULE

DESIG.	INLET SIZE	PRIMARY CFM	MINIMUM CFM	FAN DATA CFM	FAN DATA ESP	FAN DATA V / Ph	FAN DATA HP	ELECTRIC HEATER DATA KW	ELECTRIC HEATER DATA STEPS	ELECTRIC HEATER DATA POWER	CONTROL TYPE	MODEL-SIZE	CONFIGURATION	MANUFACTURER
FPB-A	6"	200-300	80	300	0.40"	277/1/1	1/13	2.50	1	480/3	C	DTOP	PARALLEL	TITUS
FPB-B	8"	450-800	145	800	0.40"	277/1/1	1/4	5.00	1	480/3	C	DTOP	PARALLEL	TITUS
FPB-C	10"	800-1350	230	900	0.40"	277/1/1	1/4	8.00	2	480/3	C	DTOP	PARALLEL	TITUS
FPB-D	12"	1350-2100	325	1,320	0.40"	277/1/1	1/2	10.00	2	480/3	C	DTOP	PARALLEL	TITUS
FPB-E	14"	2100-3000	450	1,800	0.40"	277/1/1	1/2	15.00	3	480/3	C	DTOP	PARALLEL	TITUS
FPB-F	16"	3000-4000	580	1,900	0.40"	277/1/1	3/4	15.00	3	480/3	C	DTOP	PARALLEL	TITUS

NOTES:

- BOXES WITH ELECTRIC HEAT REQUIRE 480V/0/3, 4 WIRE SERVICE.
- ELECTRIC HEATERS ARE 480V/0/3, FAN MOTORS ARE 277/60/1.
- ELECTRIC HEATERS MAY HAVE MULTIPLE STEPS. REFER TO SCHEDULE.
- ELECTRIC HEATERS HAVE A FUSED DOOR DISCONNECT SWITCH.
- FAN MOTORS ARE THREE TAP, THREE SPEED MOTORS.
- BOXES SHALL HAVE MULTI-POINT, CROSSFLOW INLET PROBES.
- BOXES SHALL HAVE ARI CERTIFIED AND ETL LISTED AS AN ASSEMBLY.
- A. CONTROL TYPE - PNEUMATIC PRESSURE INDEPENDENT.
B. CONTROL TYPE - ELECTRIC PRESSURE INDEPENDENT STAND ALONE WITH SPACE SENSOR.
C. CONTROL TYPE - DIRECT DIGITAL CONTROLS, FACTORY MOUNTED OR FIELD INSTALLED AT CONTRACTORS OPTION.
- INDUCTION AIR SOUND BOOT ON FPB-C & G.
- CONTROL TRANSFORMER SHALL BE SIZED FOR FAN POWERED BOX AND TWO VAV BOXES.
- MINIMUM CFM SHOWN ABOVE SHOWS LOWEST CONTROLLED SETTING. CONTROLLER SHALL BE PROGRAMMED TO SHUT OFF TO ZERO AND TO MODULATE TO MINIMUM SETTING ABOVE.

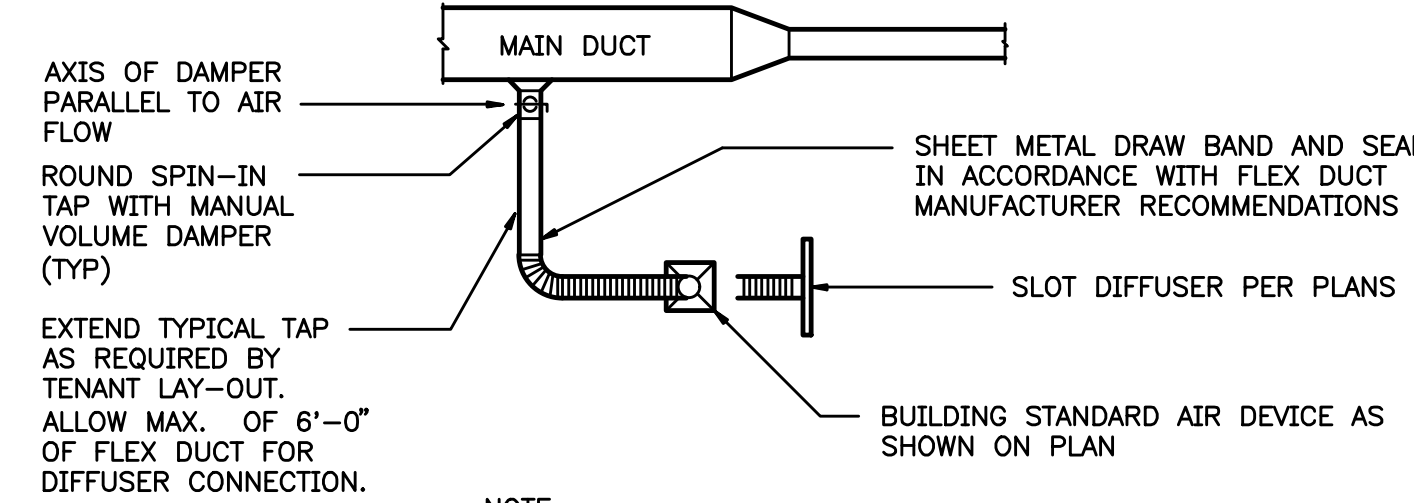


4 SOUND ATTENUATION DETAIL

SCALE: NONE

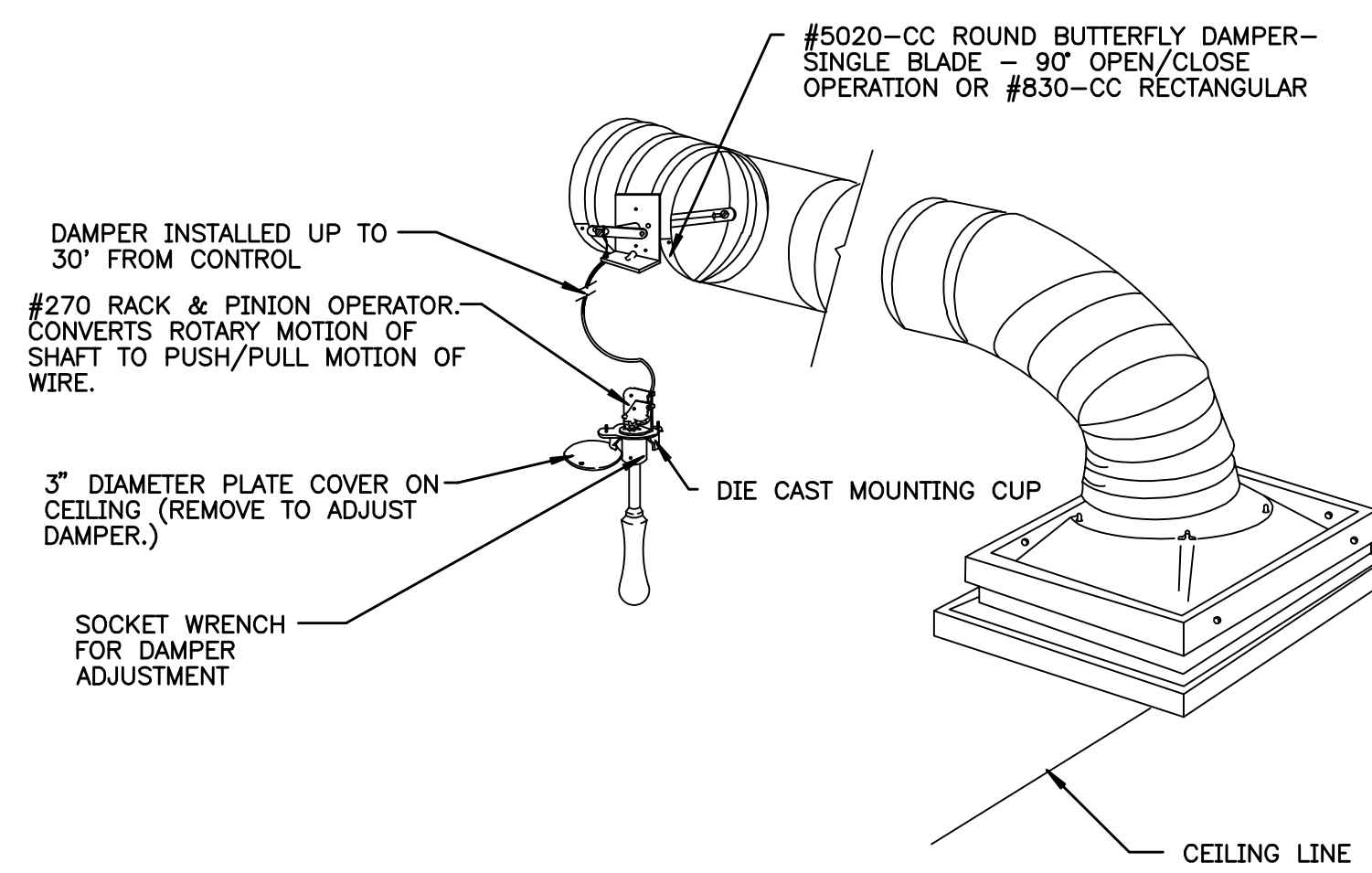
- SUPPLY GRILLE
- ☒ SUPPLY DIFFUSER
- SUPPLY SLOT DIFFUSER
- RETURN SLOT DIFFUSER
- RETURN GRILLE
- ☒ RETURN/EXHAUST GRILLE

RUNOUT / NECK SIZE	CFM RANGE
8"	0 - 240 CFM
10"	245 - 400 CFM
12"	405 - 600 CFM
14"	605 - 770 CFM



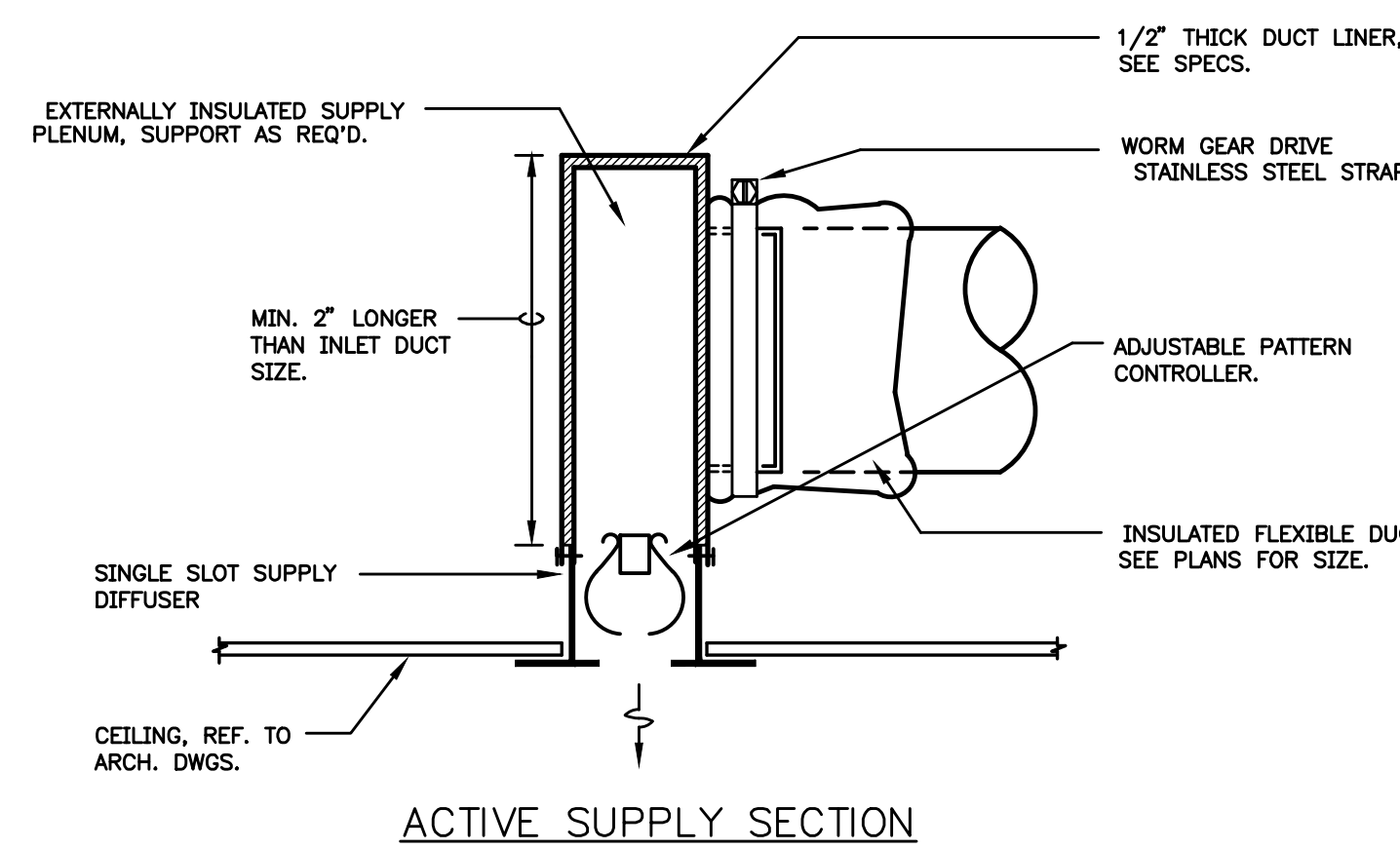
3 DIFFUSER CONNECTION DETAIL

SCALE: NONE



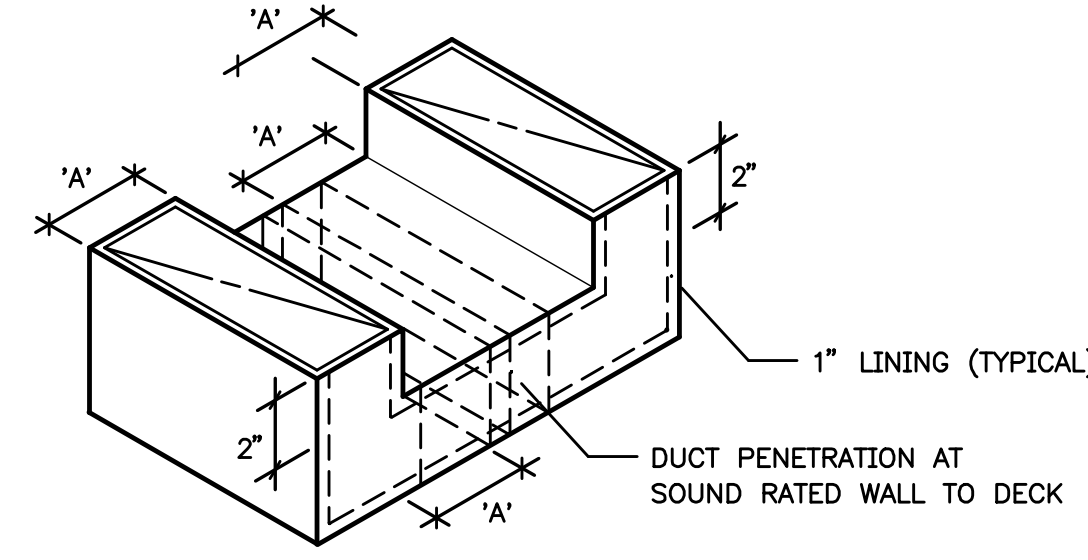
2 YOUNG DETAIL

SCALE: NONE



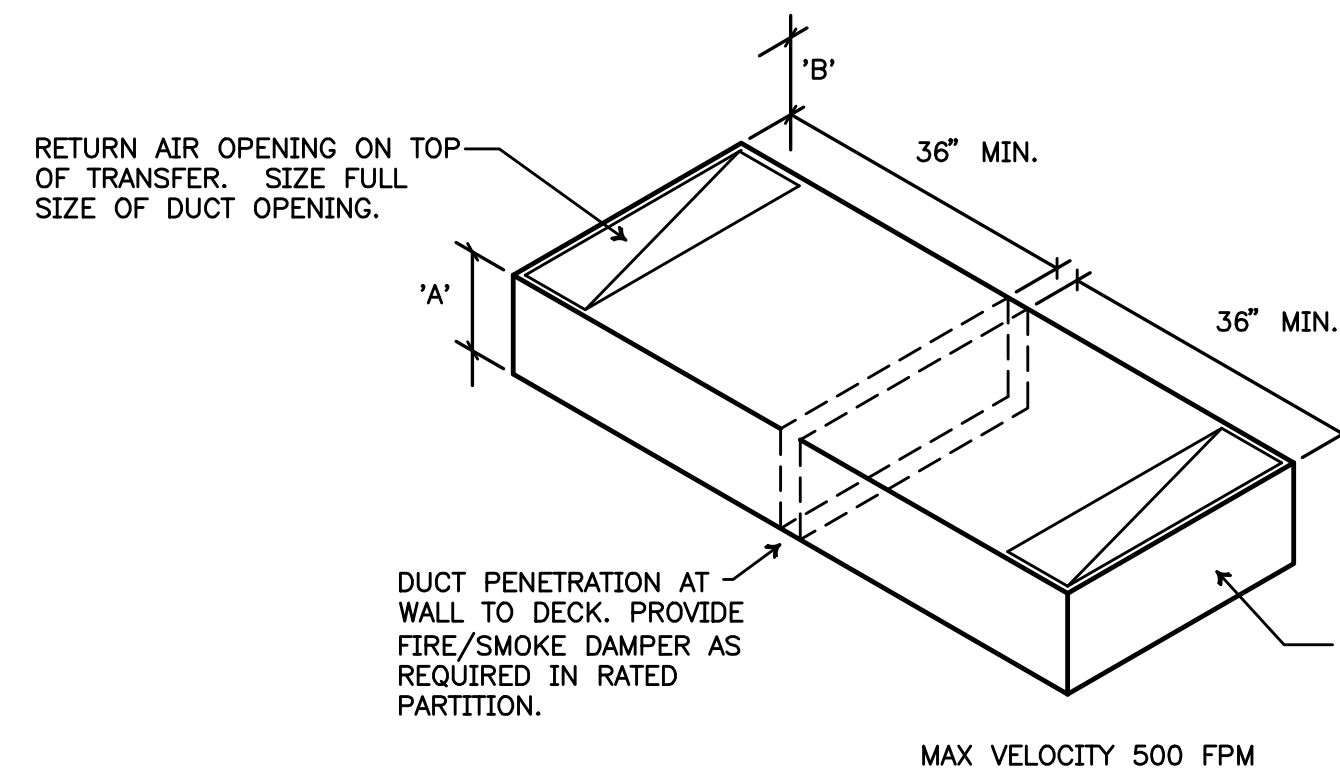
1 LINEAR SLOT DIFFUSER

SCALE: NONE



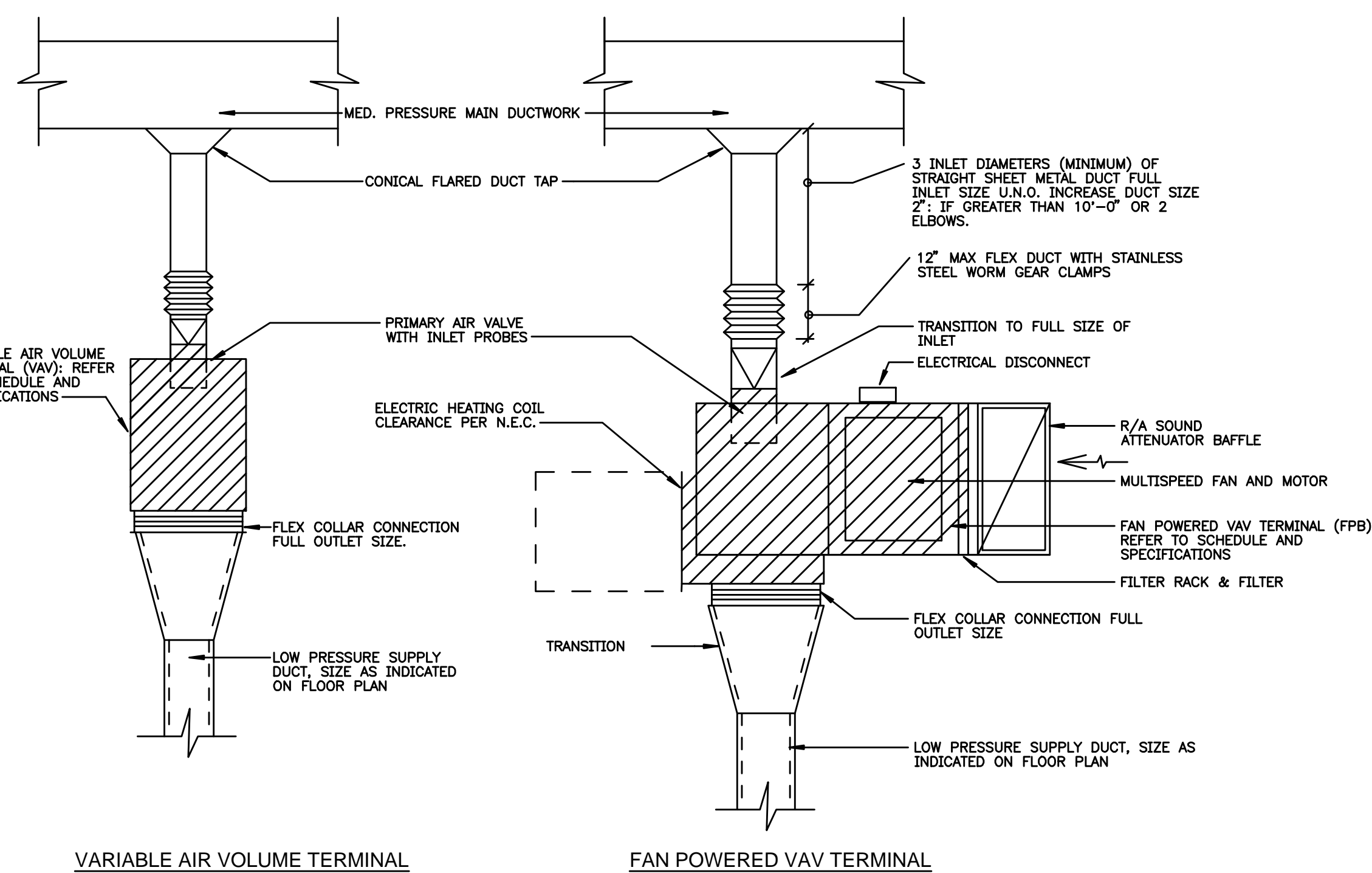
7 RETURN AIR TRANSFER BOOT DETAIL

SCALE: NONE



6 RETURN AIR TRANSFER DETAIL

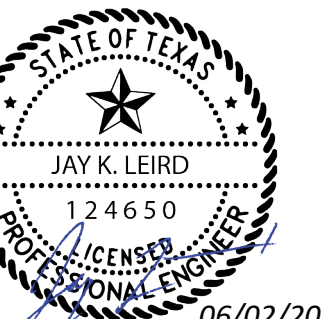
SCALE: NONE



5 VAV / FPB CONNECTION DETAIL

SCALE: NTS

- NOTES:
- IF PRIMARY AIR CONNECTION TO TERMINAL BOX IS OVAL OR RECTANGULAR, CONTRACTOR SHALL SHOP FABRICATE A PROPER TRANSITION. FLEX DUCT SHALL NOT BE OVAL TO ETL.
 - VAV TERMINALS SHALL BE SECURELY HUNG FROM BUILDING STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND INSTALL TERMINALS TO ALLOW FOR PROPER CONTROLS AND MAINTENANCE ACCESS.



06/02/2025

PROJECT



8950 CYPRESS WATERS BLVD
COPPELL, TEXAS 75019

PHASE 2

KEYPLAN

ISSUE CHART

MARK	ISSUE FOR PERMIT & CONSTRUCTION ISSUE	05.30.25
Job Number	141254.000	TITLE

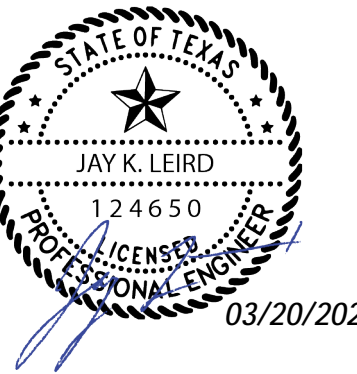
SCHEDULES - MECHANICAL

SHEET NUMBER

2-M6-04

VENTILATION CALCULATIONS

DESIGNATION	USE (PER IMC-2021)	ZONE AREA (SF)	# OF PEOPLE	REQ'D O.A. PER PERSON	REQ'D O.A. PER SF	ZONE AIR DISTRIBUTION EFFECTIVENESS	REQUIRED OA CFM	DESIGN OA CFM	DESIGN EX CFM
LEVEL 2									
226 SMALL MTG	CONFERENCE ROOM	122	4	5	0.06	1	27	30	-
225 OFFICE	OFFICE	114	1	5	0.06	1	12	15	-
224 OFFICE	OFFICE	111	1	5	0.06	1	12	15	-
223 MEDIUM MTG	CONFERENCE ROOM	194	5	5	0.06	1	37	40	-
227 MEDIUM MTG	CONFERENCE ROOM	188	6	5	0.06	1	41	45	-
237 OPEN OFFICE	OFFICE	9250	176	5	0.06	1	1435	1435	-
204 LARGE MTG	CONFERENCE ROOM	266	9	5	0.06	1	61	65	-
203 LARGE MTG	CONFERENCE ROOM	291	11	5	0.06	1	72	75	-
202 MEDIUM MTG	CONFERENCE ROOM	211	5	5	0.06	1	38	40	-
200A FOCUS	OFFICE	85	1	5	0.06	1	10	10	-
200 WE SPACE	OFFICE	1166	11	5	0.06	1	125	125	-
239 MEDIUM MTG	CONFERENCE ROOM	236	7	5	0.06	1	49	50	-
211 SM MTG	CONFERENCE ROOM	105	4	5	0.06	1	26	30	-
209 MOTHERS	OFFICE	113	1	5	0.06	1	12	15	-
210 MEDIUM MTG	CONFERENCE ROOM	206	7	5	0.06	1	47	50	-
238 SERENITY	OFFICE	163	2	5	0.06	1	20	20	-
205 LARGE MTG	CONFERENCE ROOM	315	13	5	0.06	1	84	85	-
206 LARGE MTG	CONFERENCE ROOM	307	13	5	0.06	1	83	85	-
207 OPEN OFFICE	OFFICE	9230	176	5	0.06	1	1434	1435	-
212 CORR	CORRIDOR	192	0	0	0.06	1	12	15	-
228 COPY	OFFICE	229	3	5	0.06	1	29	30	-
230 OFFICE	OFFICE	101	1	5	0.06	1	11	15	-
231 OFFICE	OFFICE	100	1	5	0.06	1	11	15	-
229 S TOR	STORAGE	44	0	0	0.06	1	3	5	-
216B STOR	STORAGE	44	0	0	0.06	1	3	5	-
218 OFFICE	OFFICE	105	1	5	0.06	1	10	15	-
217 OFFICE	OFFICE	106	1	5	0.06	1	11	15	-
216 CORR	CORRIDOR	193	0	0	0.06	1	12	15	-
232 OFFICE	OFFICE	123	1	5	0.06	1	12	15	-
233 OFFICE	OFFICE	122	1	5	0.06	1	12	15	-
216A S STORAGE	STORAGE	232	0	0	0.06	1	14	15	-
215 OFFICE	OFFICE	108	1	5	0.06	1	11	15	-
214 OFFICE	OFFICE	105	1	5	0.06	1	11	15	-
219 SMALL MTG	CONFERENCE ROOM	111	4	5	0.06	1	27	30	-
220 OFFICE	OFFICE	115	1	5	0.06	1	12	15	-
221 OFFICE	OFFICE	111	1	5	0.06	1	12	15	-
222 MEDIUM MTG	CONFERENCE ROOM	190	7	5	0.06	1	46	50	-
LEVEL 1									
134 TOWN HALL	CONFERENCE ROOM	2027	40	5	0.06	1	322	325	-
135 TOWN HALL	CONFERENCE ROOM	1880	36	5	0.06	1	281	285	-
138 SEATING	OFFICE	2217	70	5	0.06	1	483	485	-
104 OPEN OFFICE	OFFICE	2466	50	5	0.06	1	398	400	-
105 SMALL MTG	CONFERENCE ROOM	70	3	5	0.06	1	19	20	-
106 SMALL MTG	CONFERENCE ROOM	83	3	5	0.06	1	20	20	-
107 SMALL MTG	CONFERENCE ROOM	102	5	5	0.06	1	31	35	-
108 LARGE MTG	CONFERENCE ROOM	254	10	5	0.06	1	65	65	-
109 LARGE MTG	CONFERENCE ROOM	252	10	5	0.06	1	65	65	-
101A SEC STOR	STORAGE	92	0	0	0.06	1	6	10	-
101 SECURITY	OFFICE	125	2	5	0.06	1	16	20	-
102 ENTRY	OFFICE	894	12	5	0.06	1	84	114	115
103 PANTRY	OFFICE	714	10	5	0.06	1	93	95	-
110 OPEN OFFICE	OFFICE	2960	54	5	0.06	1	448	450	-
113 SMALL MTG	CONFERENCE ROOM	161	5	5	0.06	1	35	35	-
112 OFFICE	OFFICE	97	1	5	0.06	1	11	15	-
111 FOCUS	OFFICE	92	1	5	0.06	1	11	15	-
137 SERENITY	OFFICE	140	2	5	0.06	1	18	20	-
103A STORAGE	STORAGE	96	0	0	0.06	1	6	10	-
118 MOTHERS	OFFICE	88	1	5	0.06	1	9	10	-
117 MOTHERS	OFFICE	88	1	5	0.06	1	9	10	-
116 FOCUS	OFFICE	73	1	5	0.06	1	9	10	-
115 MEDIUM MTG	CONFERENCE ROOM	147	5	5	0.06	1	34	35	-
114 XL MTG	CONFERENCE ROOM	361	16	5	0.06	1	102	105	-
125 TRAINING	CLASSROOM	1073	19	10	0.12	1	319	320	-
126 TRAINING	CLASSROOM	1593	29	10	0.12	1	470	470	-
127 TRAINING	CLASSROOM	1676	28	10	0.12	1	481	485	-
128 TRAINING	CLASSROOM	996	31	10	0.12	1	430	430	-
124 CORRIDOR	CORRIDOR	1172	0	0	0.06	1	70	70	-
121 CORR	CORRIDOR	200	0	0	0.06	1	12	15	-
142 TRAINING STORAGE	STORAGE	224	0	0	0.06	1	13	15	-
141 S STORAGE	STORAGE	221	0	0	0.06	1	13	15	-
143 FURN STOR	STORAGE	342	0	0	0.06	1	21	25	-
129 CATERING/ PRE-FUNCTION	OFFICE	1111	13	5	0.06	1	132	135	-
130 FOCUS	OFFICE	89	1	5	0.06	1	10	10	-
131 SECURED ENTRANCE	CORRIDOR	121	0	0	0.06	1	7	10	-
132 STORAGE	STORAGE	78	0	0	0.06	1	5	10	-
133 CORRIDOR	CORRIDOR	1004	0	0	0.06	1	60	60	-
130 OPEN OFFICE	OFFICE	3423	68	5	0.06	1	545	545	-
147 OFFICE	OFFICE	172	1	5	0.06	1	15	15	-
148 OFFICE	OFFICE	170	1	5	0.06	1	15	15	-
149 IT STOR	STORAGE	215	0	0	0.06	1	13	15	-
146 IT HELP DESK	RECEPTION	817	6	5	0.06	1	79	80	-
151 IMAGE INTEGRATION	OFFICE	147	2	5	0.06	1	19	20	-
152 CHECK PRINT RM	OFFICE	142	1	5	0.06	1	14	15	-
153 OFFICE	OFFICE	140	1	5	0.06	1	13	15	-
156 STORAGE	STORAGE	253	0	0	0.06	1	15	15	-
155 STORAGE	STORAGE	229	0	0	0.06	1	14	15	-
157 LARGE MTG	CONFERENCE ROOM	270	10	5	0.06	1	66	70	-
158 LARGE MTG	CONFERENCE ROOM	268	10	5	0.06	1	66	70	-
159 CORR	CORRIDOR	208	0	0	0.06	1	12	15	-
154 PANTRY	OFFICE	159	2	5	0.06	1	20	20	-
160 VESTIBULE	CORRIDOR	513	4	0	0.06	1	31	35	-
161 IT WORKROOM	OFFICE	2995	20	5	0.06	1	280	280	-
163 CORR	CORRIDOR	254	0	0	0.06	1	15	15	-
171 CORR	CORRIDOR	849	0	0	0.06	1	51	55	-
177 IT ASSETS	OFFICE	1443	12	5	0.06	1	147	150	-
176 FILE ROOM	STORAGE	1024	6	0	0.06	1	61	65	-
180 CORR	CORRIDOR	710	0	0	0.06	1	43	45	-



ISSUE FOR CONSTRUCTION 03/20/2025

FAN POWERED TERMINAL SCHEDULE

DESIG.	INLET SIZE	PRIMARY CFM	MINIMUM CFM	FAN DATA		FAN MOTOR		ELECTRIC HEATER DATA		CONTROL TYPE	MODEL-SIZE	CONFIGURATION	MANUFACTURER	
				CFM	ESP	V / Ph	HP	KW	STEPS					POWER
FPB-A	6"	200-500	80	300	0.40"	277 / 1	1/13	2.50	1	480 / 3	C	DTQP	PARALLEL	TITUS
FPB-B	8"	450-800	145	600	0.40"	277 / 1	1/4	5.00	1	480 / 3	C	DTQP	PARALLEL	TITUS
FPB-C	10"	800-1350	230	900	0.40"	277 / 1	1/4	8.00	2	480 / 3	C	DTQP	PARALLEL	TITUS
FPB-D	12"	1350-2100	325	1,320	0.40"	277 / 1	1/2	10.00	2	480 / 3	C	DTQP	PARALLEL	TITUS
FPB-E	14"	2100-3000	450	1,800	0.40"	277 / 1	1/2	15.00	3	480 / 3	C	DTQP	PARALLEL	TITUS
FPB-F	16"	3000-4000	580	1,900	0.40"	277 / 1	3/4	15.00	3	480 / 3	C	DTQP	PARALLEL	TITUS

- NOTES:
- BOXES WITH ELECTRIC HEAT REQUIRE 480/60/3, 4 WIRE SERVICE.
 - ELECTRIC HEATERS ARE 480/60/3, FAN MOTORS ARE 277/60/1.
 - ELECTRIC HEATERS MAY HAVE MULTIPLE STEPS. REFER TO SCHEDULE.
 - ELECTRIC HEATERS HAVE A FUSED DOOR DISCONNECT SWITCH.
 - FAN MOTORS ARE THREE TAP, THREE SPEED MOTORS.
 - BOXES SHALL HAVE MULTI-POINT, CROSSFLOW INLET PROBES.
 - BOXES SHALL HAVE ARI CERTIFIED AND ETL LISTED AS AN ASSEMBLY.
 - A. CONTROL TYPE - PNEUMATIC PRESSURE INDEPENDENT
 - B. CONTROL TYPE - ELECTRIC PRESSURE INDEPENDENT STAND ALONE WITH SPACE SENSOR.
 - C. CONTROL TYPE - DIRECT DIGITAL CONTROLS, FACTORY MOUNTED OR FIELD INSTALLED AT CONTRACTORS OPTION.
 - INDUCTION AIR FILTER - 1" THROWAWAY, TWO SETS.
 - INDUCTION AIR SOUND BOOT ON FPB-C & G.
 - CONTROL TRANSFORMER SHALL BE SIZED FOR FAN POWERED BOX AND TWO VAV BOXES.
 - MINIMUM CFM SHOWN SHOWS LOWEST CONTROLLED SETTING. CONTROLLER SHALL BE PROGRAMMED TO SHUT OFF TO ZERO AND TO MODULATE TO MINIMUM SETTING ABOVE.

AIR DEVICE SCHEDULE

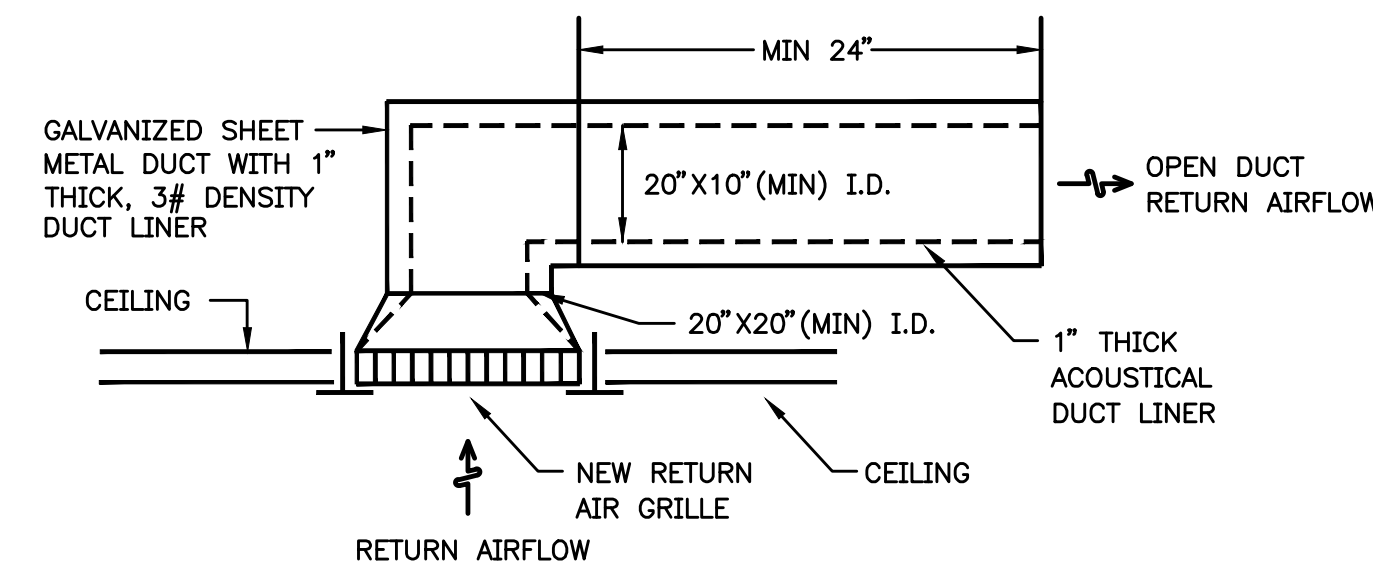
DESIG	SERVICE	TYPE	SIZE		FACE	MATERIAL	OPTIONS/ ACCESSORIES	MANUFACTURER	MODEL	REMARKS
			CFM RANGE	NECK SIZE						
S1	SUPPLY	CEILING DIFFUSER	0-240	8"	24"x24"	STEEL	O.B.D. @ TAP	TITUS	OMNI	4-WAY ADJUSTABLE CORE
S2	SUPPLY	SIDEWALL REGISTER	REFER TO PLANS	REFER TO PLANS	REFER TO PLANS	ALUMINUM	O.B.D. @ TAP	TITUS	300FL	-
S3	SUPPLY	CEILING DIFFUSER	100-160	8" OVAL	48"x1" SLOT 1-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 22
S4	SUPPLY	CEILING DIFFUSER	0-80	8" OVAL	24"x1" SLOT 1-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 22
S5	SUPPLY	CEILING DIFFUSER	160-200	8" OVAL	60"x1" SLOT 1-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 22
S6	SUPPLY	CEILING DIFFUSER	REFER TO PLANS	8" OVAL	60"x1" SLOT 1-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 6
S7	SUPPLY	CEILING DIFFUSER	REFER TO PLANS	8" OVAL	60"x1" SLOT 1-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 11
S8	SUPPLY	CEILING DIFFUSER	REFER TO PLANS	8" OVAL	48"x1" SLOT 2-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 11
S9	SUPPLY	CEILING DIFFUSER	REFER TO PLANS	8" OVAL	48"x1" SLOT 1-SLOT	ALUMINUM	O.B.D. @ TAP	TITUS	ML-39	BORDER TYPE 11
R1	RETURN	CEILING GRILLE	0-400	22"x22"	24"x24"	STEEL	-	TITUS	PAR	-
R2	RETURN	CEILING DIFFUSER	0-160	REFER TO PLANS	48"x1" SLOT 1-SLOT	ALUMINUM	-	TITUS	MLR-39	SIGHT GUARD BORDER TYPE TO MATCH SUPPLY
R3	RETURN	CEILING GRILLE	-	REFER TO PLANS	REFER TO PLANS	ALUMINUM	-	TITUS	355FL	-

- NOTES:
- ALL DEVICES MAY OR MAY NOT BE USED.
 - ALL SHEET METAL DUCTWORK, DUCTWORK ACCESSORIES, AIR DEVICES, AIR DEVICE TERMINALS, ELECTRICAL CONDUIT, PIPE HANGERS & PIPING EXPOSED TO VIEW THRU ANY DEVICE SHALL BE PAINTED FLAT BLACK.
 - PROVIDE LAY-IN CEILING GRID TO SUPPORT COMPLETELY AROUND ALL CEILING MOUNTED AIR DEVICES IN LAY-IN CEILING.
 - PROVIDE PLASTER FRAME FOR MOUNTING IN GYP. BOARD CEILING/WALLS.
 - REFER TO ARCHITECTURAL CEILING PLAN FOR EXACT LOCATIONS & FOR CEILING TYPES. PROVIDE FRAME TYPE FOR CEILING CONSTRUCTION ENCOUNTERED.
 - ALL AIR DEVICES SHALL BE FURNISHED IN STANDARD WHITE FINISH. COORDINATE WITH ARCHITECT FOR PAINTING OF ALL EXPOSED DUCTWORK AND/OR AIR DEVICES TO MATCH FINISHES.
 - MAXIMUM N.C. (NOISE CRITERIA) SHALL NOT EXCEED 30 UNLESS NOTED OTHERWISE.
- OPTIONS/ACCESSORIES:
- O.B.D. OPPOSED BLADE DAMPER
 - O.B.D. @ TAP OPPOSED BLADE DAMPER AT DUCT TAP PER ENERGY CODE
 - PF PLASTER FRAME FOR MOUNTING IN GYP. BOARD CEILING/WALLS.

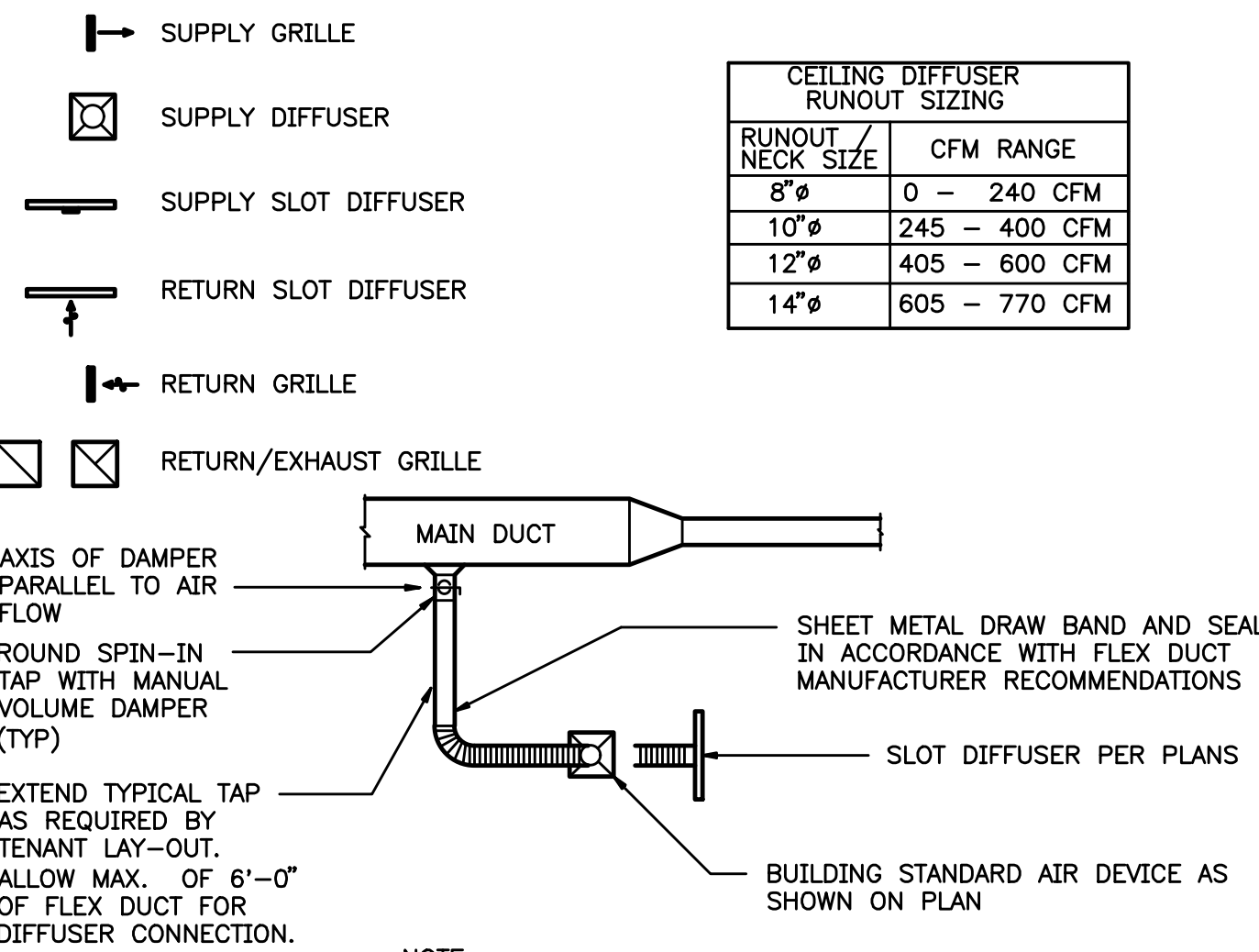
VAV TERMINAL SCHEDULE

DESIG	INLET SIZE	PRIMARY CFM	MINIMUM CFM	ELECTRIC COIL	CONTROL TYPE	MODEL-SIZE	MANUFACTURER
VAV-A	5"	NOT USED					
VAV-B	6"	300-450	80	NONE	C	DESV-6	TITUS
VAV-C	8"	450-800	145	NONE	C	DESV-8	TITUS
VAV-D	10"	800-1400	230	NONE	C	DESV-10	TITUS
VAV-E	12"	1400-2000	325	NONE	C	DESV-12	TITUS
VAV-F	14"	2000-2600	450	NONE	C	DESV-14	TITUS
VAV-G	16"	2600-3500	580	5KW (480/3)	C	DESV-16	TITUS

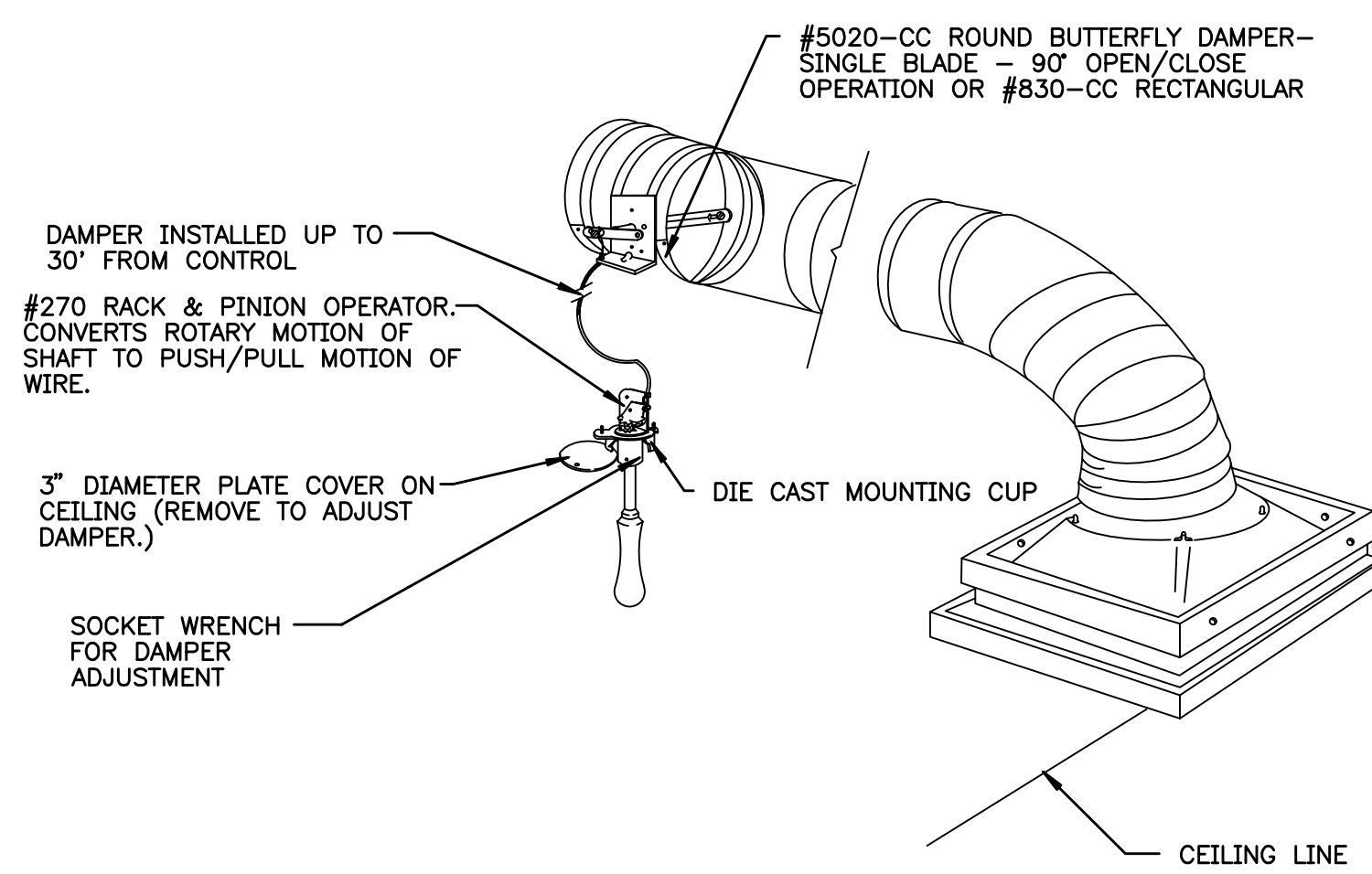
- NOTES:
- BOXES SHALL HAVE MULTI-POINT, CROSSFLOW INLET PROBES.
 - A. CONTROL TYPE - PNEUMATIC PRESSURE INDEPENDENT.
 - B. CONTROL TYPE - ELECTRIC PRESSURE INDEPENDENT STAND ALONE WITH SPACE SENSOR.
 - C. CONTROL TYPE - DIRECT DIGITAL CONTROLS, FACTORY MOUNTED OR FIELD INSTALLED AT CONTRACTORS OPTION.
 - O.A. VAV BOXES HAVE ELECTRIC HEAT FOR FREEZE PROTECTION. REFER TO SEQUENCE OF OPERATIONS.
 - MINIMUM CFM SHOWN ABOVE SHOWS LOWEST CONTROLLED SETTING. CONTROLLER SHALL BE PROGRAMMED TO SHUT OFF TO ZERO AND TO MODULATE TO MINIMUM SETTING ABOVE.



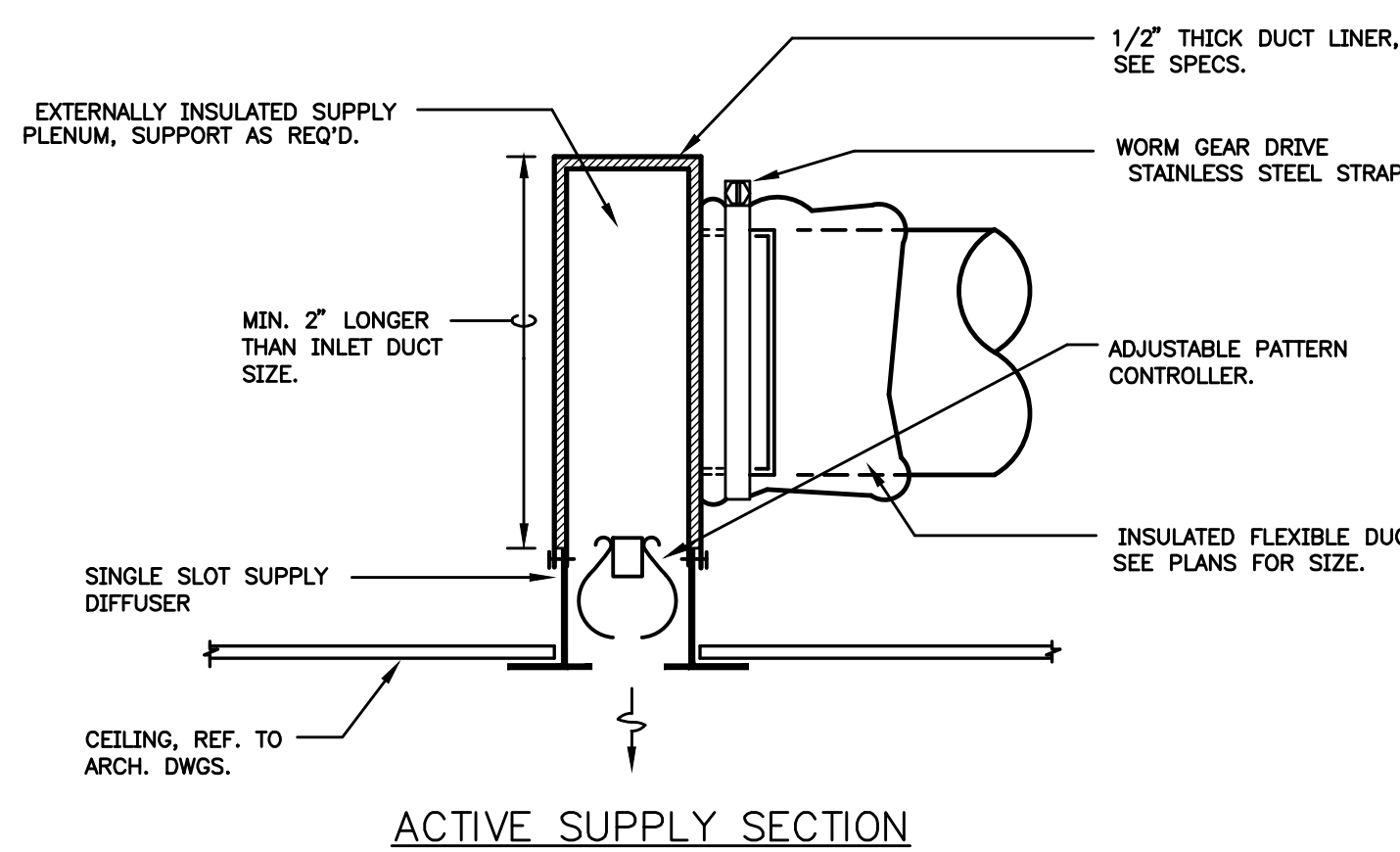
4 SOUND ATTENUATION DETAIL
SCALE: NONE



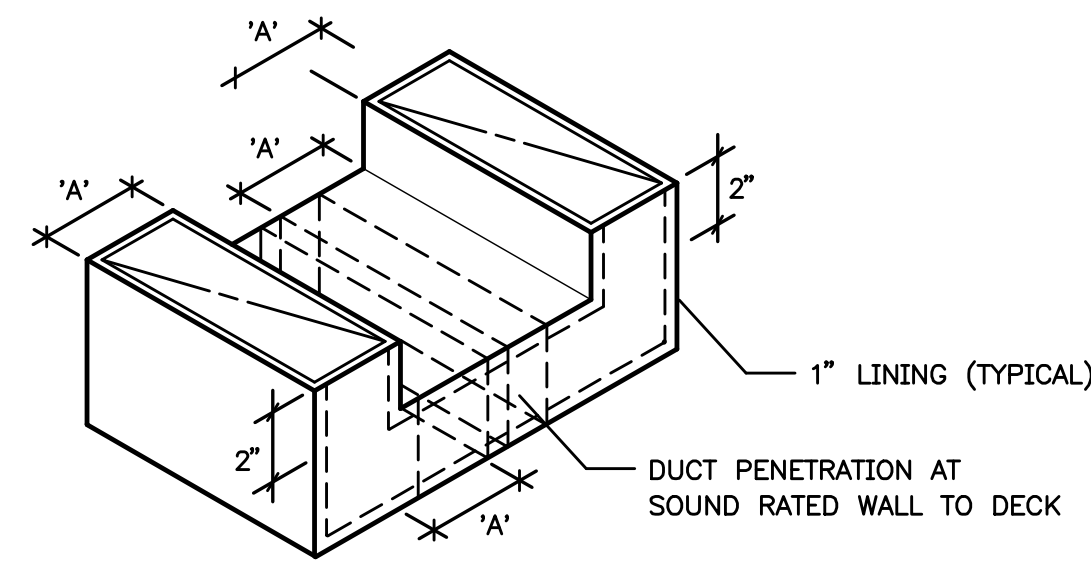
3 DIFFUSER CONNECTION DETAIL
SCALE: NONE



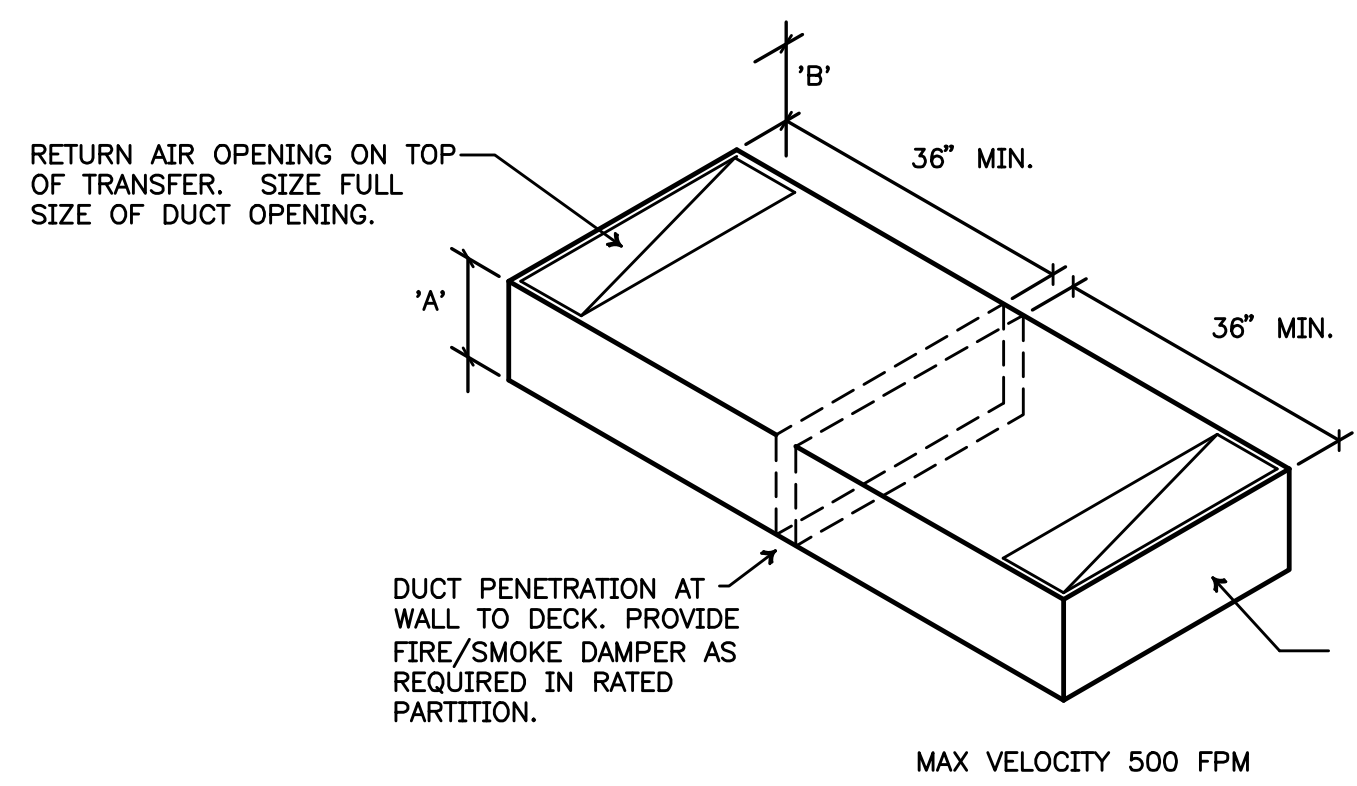
2 YOUNG DETAIL
SCALE: NONE



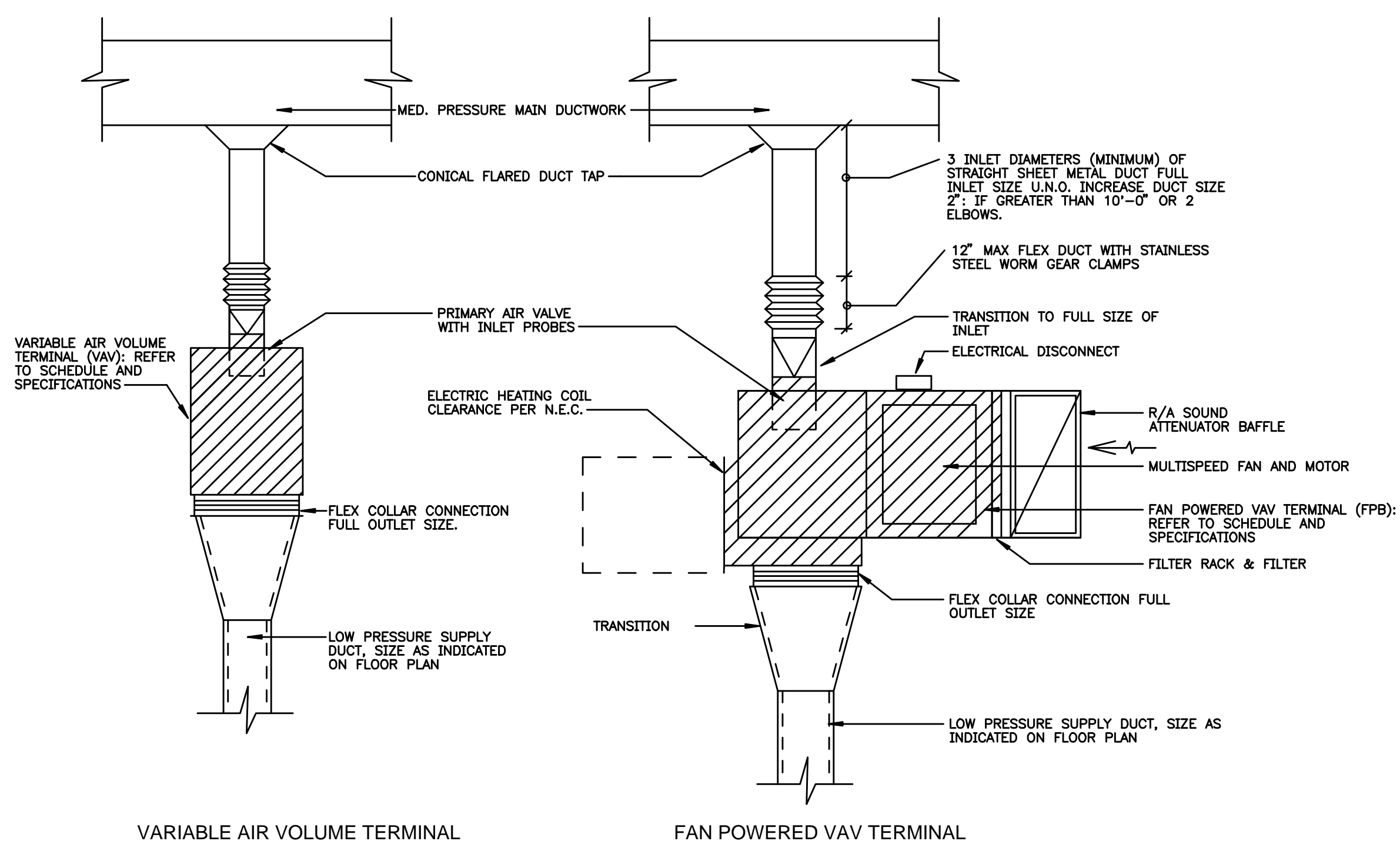
1 LINEAR SLOT DIFFUSER
SCALE: NONE



7 RETURN AIR TRANSFER BOOT DETAIL
SCALE: NONE



6 RETURN AIR TRANSFER DETAIL
SCALE: NONE



5 VAV / FPB CONNECTION DETAIL
SCALE: NTS

- NOTES:
- IF PRIMARY AIR CONNECTION TO TERMINAL BOX IS OVAL OR RECTANGULAR, CONTRACTOR SHALL SHOP FABRICATE A PROPER TRANSITION. FLEX DUCT SHALL NOT BE OVAL TO FIT.
 - VAV TERMINALS SHALL BE SECURELY HUNG FROM BUILDING STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND INSTALL TERMINALS TO ALLOW FOR PROPER CONTROLS AND MAINTENANCE ACCESS.

CONSULTANTS

CIVIL

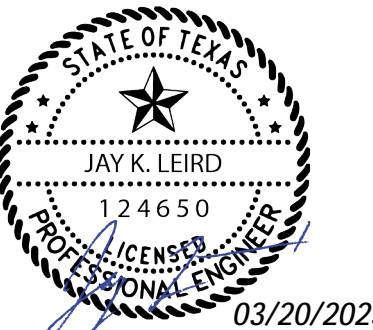
STRUCTURAL

MEP
SCHMIDT & STACY
2711 HASKELL AVE. SUITE 2900 DALLAS,
TEXAS 75204
LANDSCAPING

TECHNOLOGY
DFW PROJECT SOLUTIONS
5910 NORTH CENTRAL EXPRESSWAY
SUITE 350 DALLAS, TEXAS 75206

OWNER
MR. COOPER
8950 CYPRESS WATERS BLVD COPPELL,
TEXAS 75019
FACILITY

CONTRACTOR



PROJECT

MR. COOPER
8950 CYPRESS WATERS
BLVD
COPPELL, TEXAS 75019

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE
Job Number	141254.000	
TITLE		

SCHEDULES -
MECHANICAL

SHEET NUMBER

M6-02

VENTILATION CALCULATIONS

DESIGNATION	USE (PER IMC-2021)	ZONE AREA (SF)	# OF PEOPLE	REQ'D O.A. PER PERSON	REQ'D O.A. PER SF	ZONE AIR DISTRIBUTION EFFECTIVENESS	REQUIRED OA CFM	DESIGN OA CFM	DESIGN EX CFM
LEVEL 2									
276 SMALL MTG	CONFERENCE ROOM	129	4	5	0.06	1	28	30	-
275 OFFICE	OFFICE	109	1	5	0.06	1	12	15	-
274 OFFICE	OFFICE	114	1	5	0.06	1	12	15	-
273 MEDIUM MTG	CONFERENCE ROOM	177	6	5	0.06	1	51	55	-
272 MEDIUM MTG	CONFERENCE ROOM	221	9	5	0.06	1	56	60	-
282 MEDIUM MTG	CONFERENCE ROOM	177	6	5	0.06	1	51	55	-
281 OFFICE	OFFICE	118	1	5	0.06	1	12	15	-
280 OFFICE	OFFICE	114	1	5	0.06	1	12	15	-
279 SMALL MTG	CONFERENCE ROOM	133	4	5	0.06	1	28	30	-
248 OFFICE	OFFICE	127	1	5	0.06	1	13	15	-
249 OFFICE	OFFICE	140	1	5	0.06	1	13	15	-
247 XL MTG	CONFERENCE ROOM	324	14	5	0.06	1	89	90	-
246 MEDIUM MTG	CONFERENCE ROOM	218	6	5	0.06	1	43	45	-
245 SMALL MTG	CONFERENCE ROOM	140	4	5	0.06	1	28	30	-
242 WE SPACE EXT	OFFICE	657	16	5	0.06	1	119	120	-
242 WE SPACE INT.	OFFICE	3355	35	5	0.06	1	376	380	-
245 LARGE MTG	CONFERENCE ROOM	220	10	5	0.06	1	63	65	-
244 SMALL MTG	CONFERENCE ROOM	142	5	5	0.06	1	34	35	-
256 CORRIDOR	CORRIDOR	759	0	0	0.06	1	46	50	-
250 OPEN MEETING	OFFICE	425	8	5	0.06	1	66	70	-
255 FOCUS	OFFICE	45	1	5	0.06	1	8	10	-
259 FOCUS	OFFICE	45	1	5	0.06	1	8	10	-
260 SMALL MTG	CONFERENCE ROOM	123	4	5	0.06	1	27	30	-
257 FOCUS	OFFICE	45	1	5	0.06	1	8	10	-
253 SMALL MTG	CONFERENCE ROOM	143	7	5	0.06	1	44	45	-
254 FOCUS	OFFICE	45	1	5	0.06	1	8	10	-
255 FOCUS	OFFICE	45	1	5	0.06	1	8	10	-
293 OFFICE	OFFICE	94	1	5	0.06	1	11	15	-
294 OFFICE	OFFICE	94	1	5	0.06	1	11	15	-
284 COPY	OFFICE	245	2	5	0.06	1	26	30	-
262A FOCUS	OFFICE	90	1	5	0.06	1	10	15	-
262B FOCUS	OFFICE	92	1	5	0.06	1	11	15	-
288 SMALL MTG	CONFERENCE ROOM	145	6	5	0.06	1	39	40	-
287 OFFICE	OFFICE	94	1	5	0.06	1	11	15	-
277A FOCUS	OFFICE	56	1	5	0.06	1	8	10	-
285 OFFICE	OFFICE	108	1	5	0.06	1	11	15	-
285 FILE	STORAGE	387	0	0	0.06	1	23	25	-
277 CORRIDOR	CORRIDOR	182	0	0	0.06	1	11	15	-
288 OFFICE	OFFICE	98	1	5	0.06	1	11	15	-
269 OFFICE	OFFICE	98	1	5	0.06	1	11	15	-
277B STOR	STORAGE	41	0	0	0.06	1	2	5	-
270A STOR	STORAGE	41	0	0	0.06	1	2	5	-
283 OFFICE	OFFICE	101	1	5	0.06	1	11	15	-
284 OFFICE	OFFICE	101	1	5	0.06	1	11	15	-
270 COPY	OFFICE	196	2	5	0.06	1	22	25	-
LEVEL 3									
352 OFFICE	OFFICE	127	1	5	0.06	1	13	15	-
353 OFFICE	OFFICE	107	1	5	0.06	1	11	15	-
354 OFFICE	OFFICE	112	1	5	0.06	1	12	15	-
355 MEDIUM MTG	CONFERENCE ROOM	182	6	5	0.06	1	51	55	-
356 OFFICE	OFFICE	132	1	5	0.06	1	13	15	-
367 OFFICE	OFFICE	155	1	5	0.06	1	14	15	-
368 OFFICE	OFFICE	113	1	5	0.06	1	12	15	-
369 OFFICE	OFFICE	300	4	5	0.06	1	38	40	-
370 OFFICE	OFFICE	290	4	5	0.06	1	37	40	-
346 MEDIUM MTG	CONFERENCE ROOM	172	7	5	0.06	1	45	50	-
347 SMALL MTG	CONFERENCE ROOM	106	2	5	0.06	1	16	20	-
348 OFFICE	OFFICE	110	1	5	0.06	1	12	15	-
361 OFFICE	OFFICE	134	1	5	0.06	1	13	15	-
362 OFFICE	OFFICE	131	1	5	0.06	1	13	15	-
363 LARGE MTG	CONFERENCE ROOM	300	10	5	0.06	1	68	70	-
364 LARGE MTG	CONFERENCE ROOM	260	10	5	0.06	1	66	70	-
351 OFFICE	OFFICE	121	1	5	0.06	1	12	15	-
360A FOCUS	OFFICE	74	1	5	0.06	1	9	10	-
365 OFFICE	OFFICE	122	1	5	0.06	1	12	15	-
359 MEDIUM MTG	CONFERENCE ROOM	213	9	5	0.06	1	58	60	-
366 MEDIUM MTG	CONFERENCE ROOM	224	8	5	0.06	1	53	60	-
345B COPY	OFFICE	145	2	5	0.06	1	19	20	-
357 OFFICE	OFFICE	135	1	5	0.06	1	13	15	-
380A FOCUS	OFFICE	88	1	5	0.06	1	10	15	-
380B FOCUS	OFFICE	88	1	5	0.06	1	10	15	-
382 CEO OFFICE	OFFICE	517	5	5	0.06	1	56	60	-
385 XL MTG	CONFERENCE ROOM	389	12	5	0.06	1	83	85	-
398 CATERING	CAFETERIA	285	4	7.5	0.18	1	81	85	-
397 BOARD ROOM	CONFERENCE ROOM	1316	22	5	0.06	1	189	190	-
394 LARGE MTG	CONFERENCE ROOM	290	7	5	0.06	1	82	85	-
396 EXEC CAFE	LOBBY	1099	9	7.5	0.18	1	133	135	-
399 LOUNGE	LOUNGE	498	6	7.5	0.18	1	135	135	-
396 OFFICE	OFFICE	670	4	5	0.06	1	60	65	-
383 MEETING	CONFERENCE ROOM	630	9	5	0.06	1	83	85	-
384 EXEC PANTRY	LOUNGE	456	6	7.5	0.18	1	127	130	-
398 CORR	CORRIDOR	215	0	0	0.06	1	13	15	-
399 VESTIBULE	CORRIDOR	277	0	0	0.06	1	17	20	-
343 MEDIUM MTG	CONFERENCE ROOM	220	6	5	0.06	1	43	45	-
342 XL MTG	CONFERENCE ROOM	329	14	5	0.06	1	90	95	-
338 CORR	CORR	1199	12	0	0.06	1	67	70	-
340 MEDIUM MTG	CONFERENCE ROOM	280	6	5	0.06	1	47	50	-
341 MEDIUM MTG	CONFERENCE ROOM	280	6	5	0.06	1	47	50	-
300 LOUNGE EXT.	LOUNGE	420	10	7.5	0.18	1	151	155	-
300 LOUNGE INT.	LOUNGE	726	12	7.5	0.18	1	221	225	-
302 LIVE STUDIO EXT	THEATER	774	76	10	0.06	1	795	800	-
302 LIVE STUDIO INT	THEATER	500	35	10	0.06	1	380	385	-
303 LIVE STUDIO INT	THEATER	572	49	10	0.06	1	524	525	-
304 LIVE STUDIO INT	THEATER	507	24	10	0.06	1	270	275	-
304A CONTROL ROOM	MEDIA CENTER	332	4	10	0.12	1	80	80	-
304B GREEN ROOM	MEDIA CENTER	217	2	10	0.12	1	46	50	-
310 MEDIUM MTG	CONFERENCE ROOM	217	7	5	0.06	1	48	50	-
309 SMALL MTG	CONFERENCE ROOM	137	2	5	0.06	1	18	20	-
308 VIDEO VILLAGE	CONFERENCE ROOM	196	5	5	0.06	1	37	40	-
314 MEDIUM MTG	CONFERENCE ROOM	193	6	5	0.06	1	52	55	-
315 OFFICE	OFFICE	109	1	5	0.06	1	12	15	-
316 OFFICE	OFFICE	114	1	5	0.06	1	12	15	-
317 SMALL MTG	CONFERENCE ROOM	119	4	5	0.06	1	27	30	-
318 MEDIUM MTG	CONFERENCE ROOM	207	8	5	0.06	1	52	55	-
313A COPY	OFFICE	200	2	5	0.06	1	22	25	-
319 OFFICE	OFFICE	97	1	5	0.06	1	11	15	-
320A STOR	STORAGE	47	0	0	0.06	1	3	10	-
322 OFFICE	OFFICE	105	1	5	0.06	1	11	15	-
320 CORR	CORRIDOR	183	0	0	0.06	1	10	15	-
312 COMMERCIAL STUDIO	MEDIA CENTER	857	20	10	0.12	1	303	305	-
312A MEDIA STORAGE	STORAGE	183	0	0	0.06	1	11	15	-
324 SMALL MTG	CONFERENCE ROOM	110	4	5	0.06	1	27	30	-
325 OFFICE	OFFICE	114	1	5	0.06	1	12	15	-
326 OFFICE	OFFICE	110	1	5	0.06	1	12	15	-
327 MEDIUM MTG	CONFERENCE ROOM	194	8	5	0.06	1	52	55	-
329 OFFICE	OFFICE	132	1	5	0.06	1	13	15	-
330 SMALL MTG	CONFERENCE ROOM	144	2	5	0.06	1	19	20	-
331 MEDIUM MTG	CONFERENCE ROOM	212	7	5	0.06	1	48	50	-
305 SERENITY	CONFERENCE ROOM	183	3	5	0.06	1	26	30	-
334 OFFICE	OFFICE	100	1	5	0.06	1	11	15	-
335 OFFICE	OFFICE	113	1	5	0.06	1	12	15	-
336 MOTHERS	OFFICE	123	1	5	0.06	1	12	15	-
301C FURNITURE STORAGE	STORAGE	191	0	0	0.06	1	11	15	-
337 SMALL MTG	CONFERENCE ROOM	97	4	5	0.06	1	26	30	-
332A FOCUS	OFFICE	48	1	5	0.06	1	8	10	-
332B FOCUS	OFFICE	48	1	5	0.06	1	8	10	-
339A FOCUS	OFFICE	58	1	5	0.06	1	8	10	-
339B FOCUS	OFFICE	58	1	5	0.06	1	8	10	-
339C FOCUS	OFFICE	58	1	5	0.06	1	8	10	-
338 XL MTG	CONFERENCE ROOM	370	14	5	0.06	1	92	95	-
301 WE SPACE NORTH INT.	OFFICE	1728	8	5	0.06	1	144	145	-
301 WE SPACE SOUTH INT.	OFFICE	1304	22	5	0.06	1	188	190	-
301 WE SPACE SOUTH EXT.	OFFICE	270	2	5	0.06	1	26	30	-