



AO.DESIGN 785.271.7010	906 s kansas ave suite 200 topeka, ks 66612
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ARCHITECT'S ADDENDUM TO THE CONTRACT DOCUMENTS

ADDENDUM NO: Two (bidder's questions)
DATE: Wednesday, May 1, 2024
PROJECT: 23-133 AIM CENTER OF EXCELLENCE AT SLN
OWNER: SALINA AIRPORT AUTHORITY
2720 ARNOLD AVE
SALINA, KANSAS
ARCHITECT: ARCHITECT ONE
906 S KANSAS AVE, STE 200
TOPEKA, KANSAS

Note: This Addendum No. 2, dated May 1, 2024 modifies/clarifies the above titled contract documents dated April 11, 2024. Where this Addendum modifies, changes, corrects or conflicts with the original Contract Documents, this Addendum shall govern. Where no modification, change, correction or conflict occurs, the original Contract Documents shall remain in force.

DESCRIPTION OF MODIFICATIONS TO THE CONTRACT DOCUMENTS:

Architectural

1. Sheet A141.2 calls out "Tarkett Dura Cove rubber base with toe." The specifications list Roppe Contour profile wall base as a manufacturer. Please advise if we are to use the Tarkett Duracove or the Roppe contoured base.
 - o *Answer: Either manufacturer will be accepted for bidding. The goal is to match the base that is yet to be installed in Hangar 626.*
2. The specifications for the Modified Bituminous Membrane roofing system call for a 20-year warranty. Sheet A301.2, not RN.04 calls for a continuous ridge vent at the ridge of the roof. A supplier for the roofing material has noted that they cannot offer a 20-year warranty on the roof with a "residential type" ridge vent installed. The supplier recommended a curbed vent in lieu of the ridge vent. Please advise if there are any alternatives that can be used in order to maintain a 20-year warranty as specified.
 - o *Answer: Bid the drawings as specified on drawings and the issue of a warranted system will be finalized after selection of general contractor.*
3. (Asking for) clarification on opening 111D. The door schedule calls out to reference manufacturer on the jamb/head details and the install instructions. I did not see any specialty manufacturer called out in the specs. The door schedule is calling this opening to be hollow metal, but it looks aluminum. Could you please let me know how you would like this opening quoted? Is the hardware needing to be surface vertical rods with a pull trim?
 - o *Answer: Refer to Glazing Assembly Legend and contact information on Sheet A701.2; Todd Burton, The Architectural Sales Company, 913-485,4068, rated steel door and steel frame/lites will be an integral system by Vetrotech Saint-Gobain or approved equal.*



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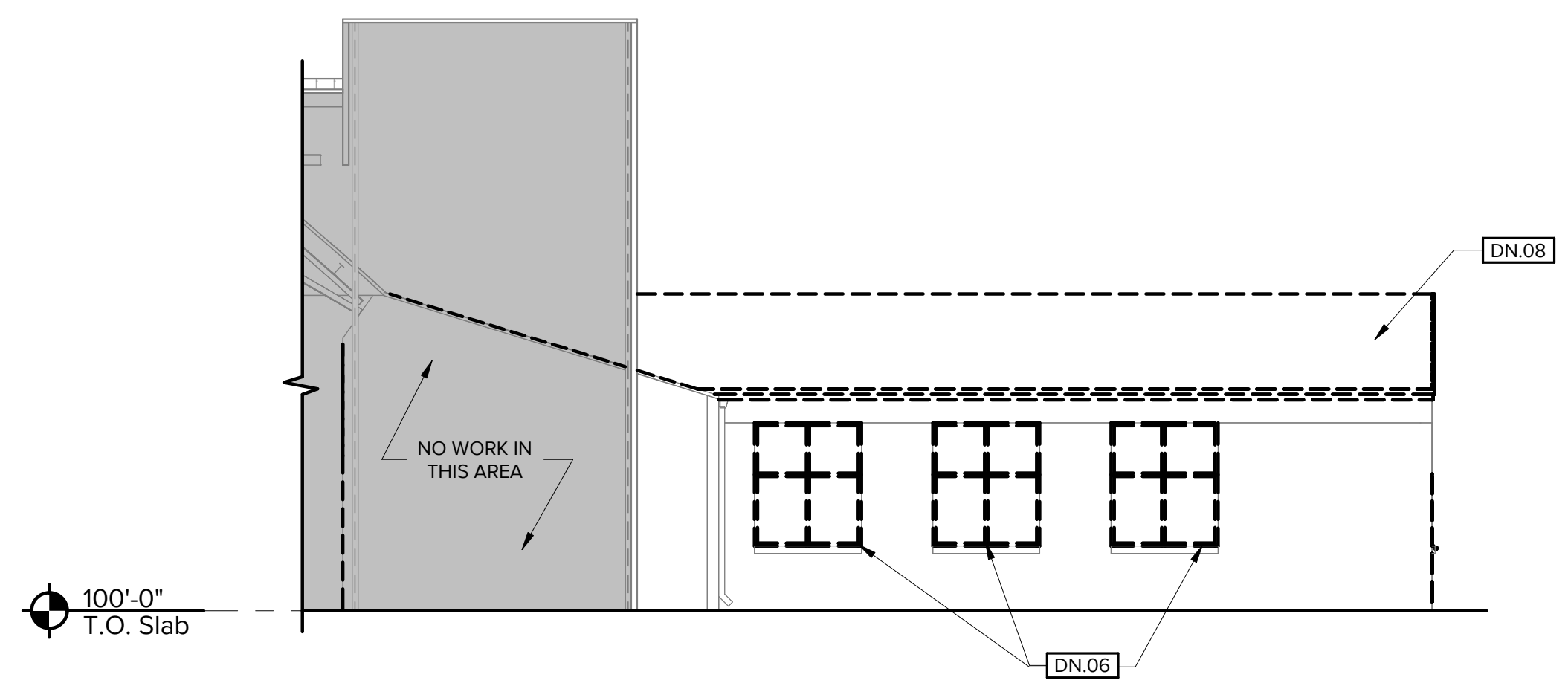
4. 3/D101.2 Roof Demolition Plan indicates for roof to be removed down to 1x decking. 4/A511.2 Low Eave Detail indicates 5/8" decking with asphaltic primer. Is the existing decking to remain or is new 5/8" decking to be provided?
 - o *Answer: New 5/8" decking is to be provided. Note DN.08 on Roof Demolition Plan has been updated.*
5. Will a spec section for the signage be issued?
 - o *Answer: No specification for the signage will be issued. Please have your signage subcontractor submit specific questions if an allowance for the signage cannot be determined from the drawings.*
6. Will any interior signage be needed?
 - o *Answer: Interior signage is not needed as the assembly accessory occupant load is under 50 persons.*
7. A101.2 shows the paint booth on the northeast end of the main hangar. Is there anymore information you are able to provide on the paint booth that is supposed to be installed as an alternate? A manufacturer/model would be helpful.
 - o *Answer: See attached exhibit.*
8. The exterior wall sections on sheet A511.2 show the EIFS system as having galvanized expanded metal lath fastened to the exiting CMU, then 3" of insulation and finish over the top of that. Can you please confirm if the metal lath is to be fastened directly to the block and wrap around the bottom side of the insulation and finish?
 - o *Answer: No, the lath would end just above the bottom edge of the insulation and not wrap around the bottom of the foam.*
9. Specification section 01-2100 states "include the percentage sum/price of 10% of the stipulated sum for use upon Owner's instructions." Just to confirm, does this mean that we are to include an additional 10% of our total base bid amount as Owner's contingency?
 - o *Answer: Correct. Base bid amount plus 10% contingency. Any contingency not used goes back to the Owner.*

END OF ADDENDUM 2 – ATTACHMENTS:

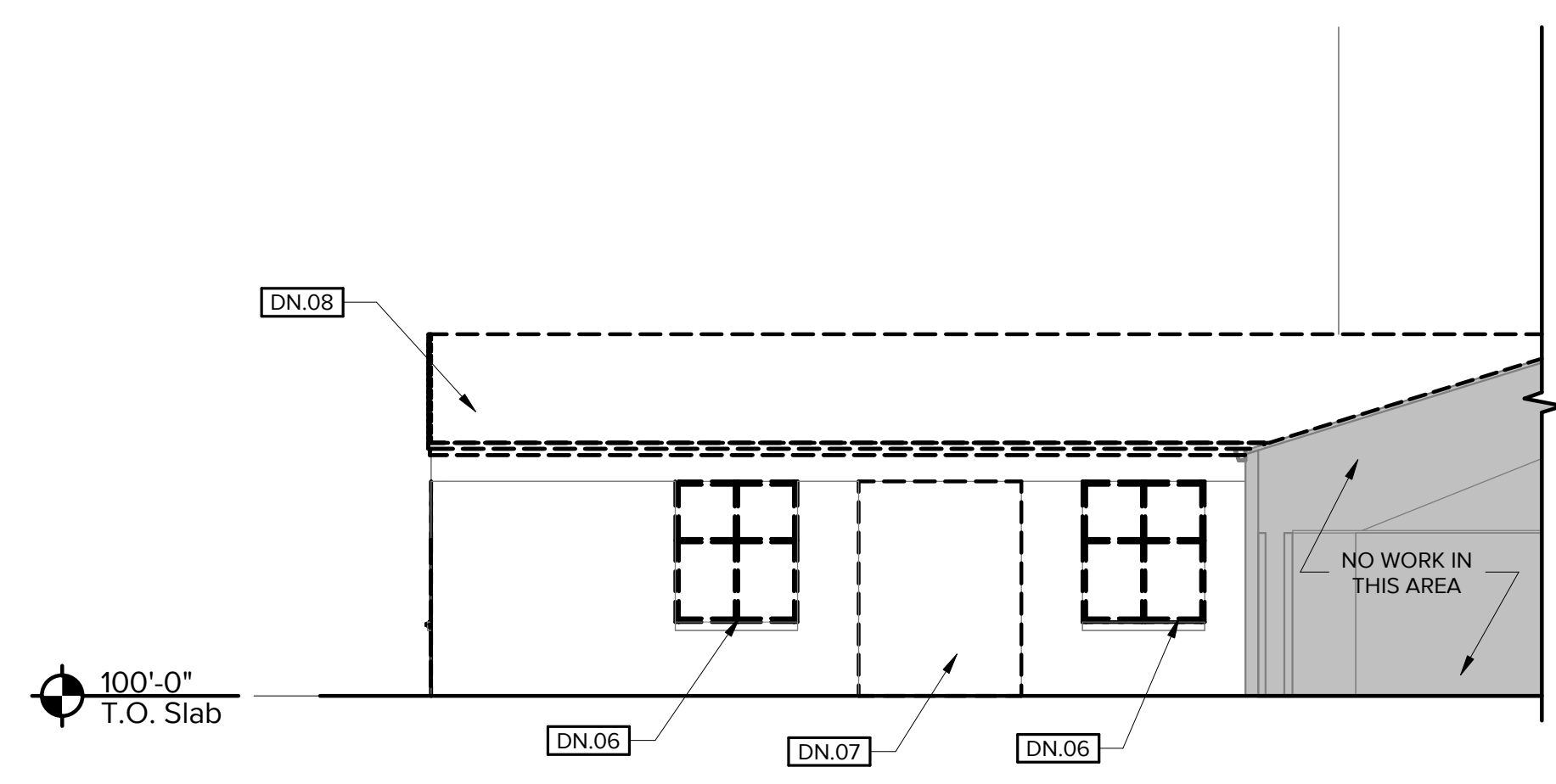
Sheet D101.2

Spray booth technical document exhibit

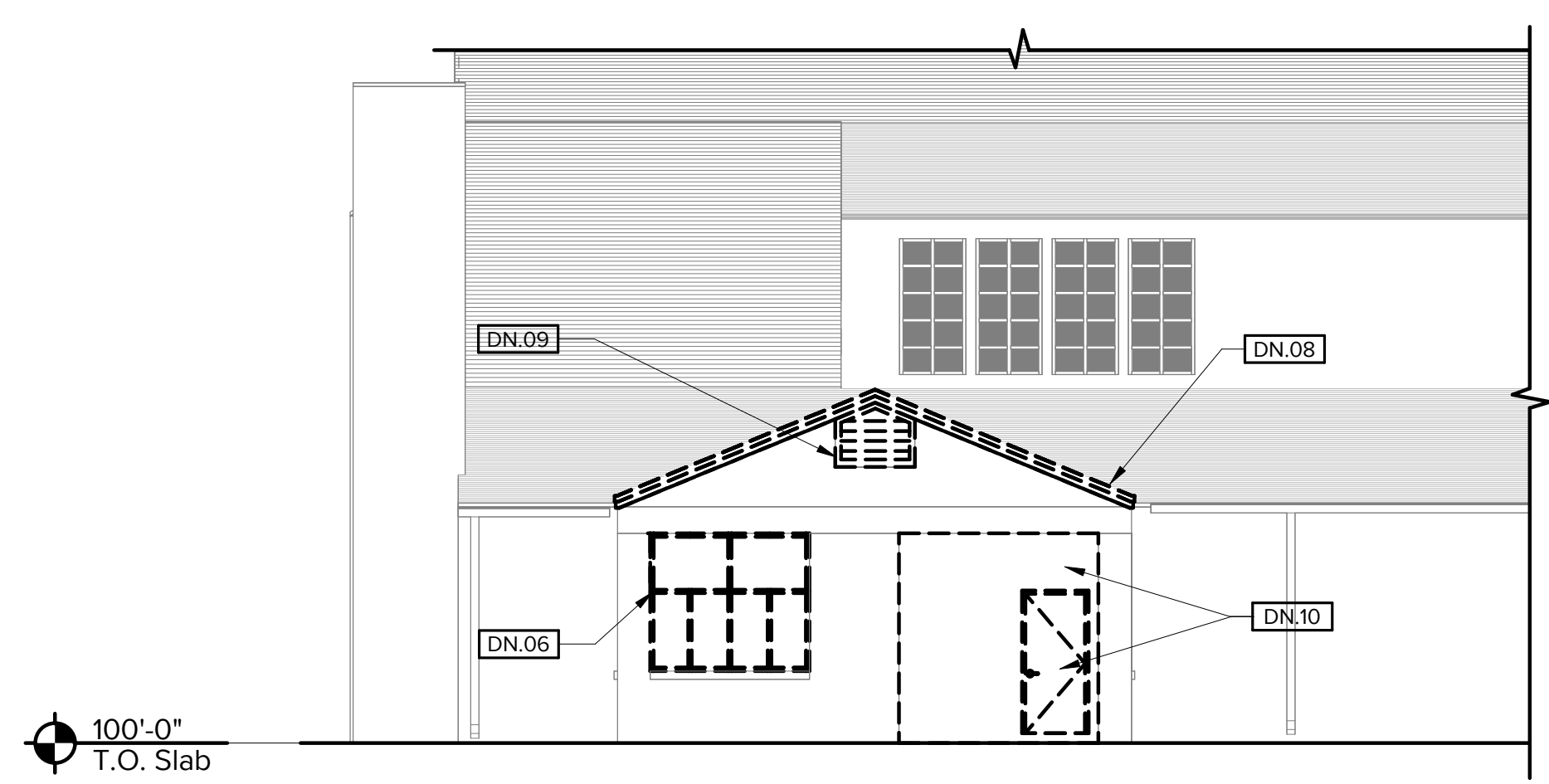
5/1/2024 1:16:10 PM Autodesk Docs/23-133 Salina Airport Authority AIM Center/23-133 Salina Airport Authority AIM Center_v23.rvt



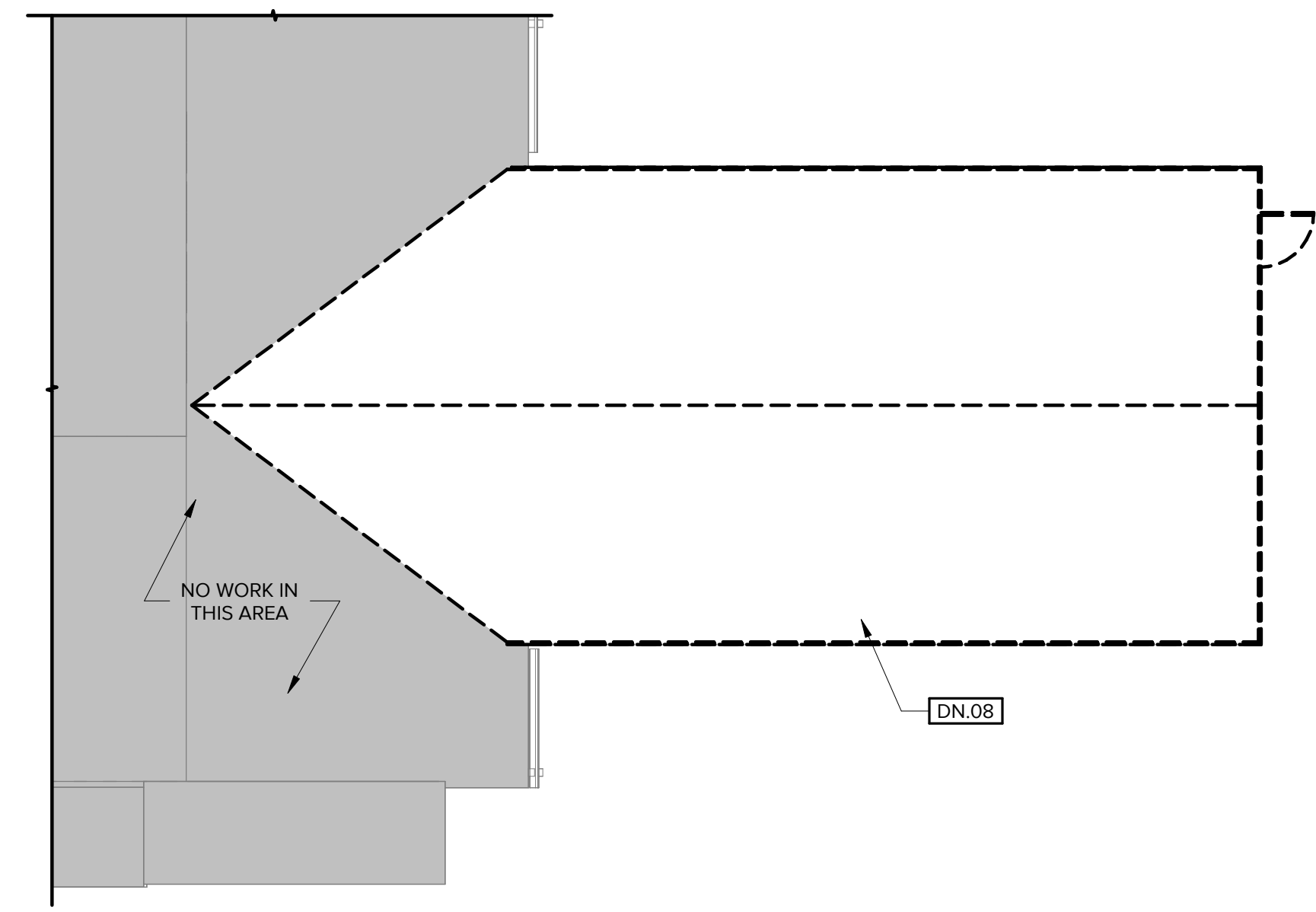
5 SOUTH Demolition Elevation
SCALE: 1/8" = 1'-0"



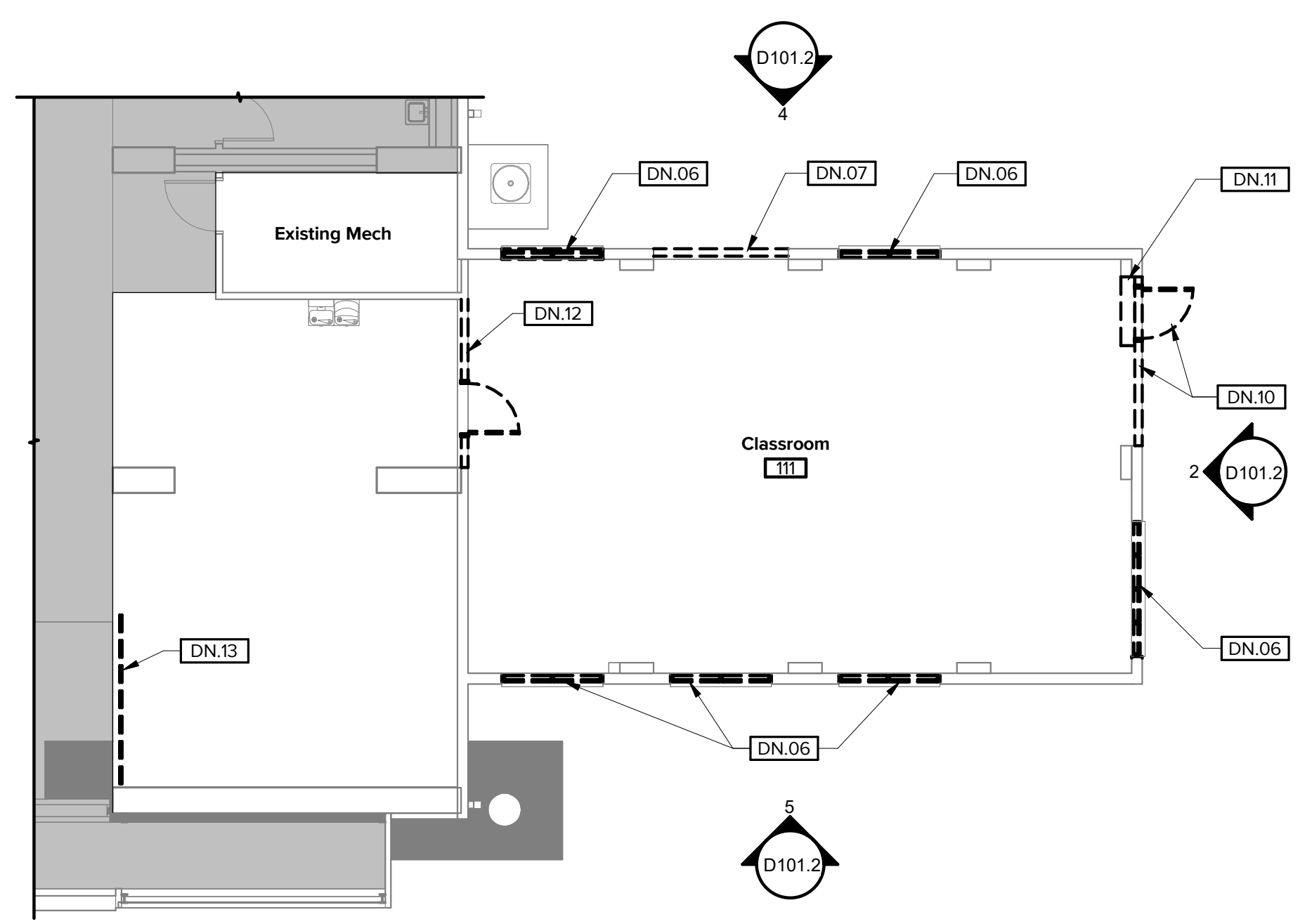
4 NORTH Demolition Elevation
SCALE: 1/8" = 1'-0"



2 EAST Demolition Elevation
SCALE: 1/8" = 1'-0"



3 Demolition Roof Plan
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR Demolition Plan
SCALE: 1/8" = 1'-0"

General Demolition Notes

1. THE GENERAL CONTRACTOR (GC) IS ADVISED THAT THE BUILDING OWNER WILL CONTINUE TO CONDUCT BUSINESS THROUGHOUT THE COURSE OF THE WORK.
2. CONFIRM WITH OWNER THAT ANY ADDITIONAL ELEMENTS TO BE SALVAGED NOT IDENTIFIED HEREIN HAVE BEEN FLAGGED APPROPRIATELY FOR THE DEMOLITION CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK.
3. REMOVE ALL WALLS, CEILINGS, DOORS, FRAMES, ETC. INDICATED AND SALVAGE MATERIALS FOR REUSE TO THE EXTENT PRACTICAL.
4. REMOVE AND CAP ALL WATER, WASTE, GAS, ELECTRICAL CONDUIT, AND ANY OTHER LINES NO LONGER TO BE USED TO 1' BELOW TOP OF CONCRETE SLAB. TERMINATE ANY ROOF PENETRATION LINES 6" BELOW ROOF DECK - DO NOT REMOVE ANY EXISTING, OR CREATE ANY NEW ROOF PENETRATIONS AS PART OF THE DEMOLITION WORK.
5. AT THE END OF WORK EACH DAY, DEMOLITION CONTRACTOR IS TO CLEAN UP ALL DEBRIS, MATERIALS, OR OTHER DISTURBED CONDITIONS IN THE COMMON OR PUBLIC USE AREAS WHICH ARE A RESULT OF THE DEMOLITION WORK. LOCATION OF ON SITE DUMPSTER, AND REMOVAL OF ALL DEMOLITION MATERIAL TO BE AT TIMES AND THROUGH MEANS AS APPROVED BY OWNER.
6. DEMOLITION CONTRACTOR IS REQUIRED TO VISIT THE LOCATION OF THE WORK AND BECOME FAMILIAR WITH THE PARAMETERS, CONDITIONS, AND CONSTRAINTS UNDER WHICH THE WORK IS TO BE EXECUTED SUCH THAT THERE ARE NO QUESTIONS IN THEIR MIND REGARDING THE SCOPE OF THE WORK REQUIRED TO COMPLETE ALL WORK INDICATED ON THE PLANS OR REQUIRED TO COMPLETELY REMOVE ALL MATERIAL REQUIRED TO FACILITATE THE NEW WORK AS PER THE PLANS.

Demolition Keynotes

DN.06	REMOVE GLAZING ASSEMBLY AND PREPARE OPENING FOR NEW WINDOW
DN.07	REMOVE PORTION OF WALL AND PREPARE OPENING FOR NEW CONSTRUCTION
DN.08	REMOVE EXISTING ASPHALTIC ROOFING, METAL EAVE AND RAKE TRIM, WOOD FASCIA, AND ANY UNDERLAYMENT, AND IX DECKING. COMPLETE TEAR OFF DOWN TO WOOD TRUSSES.
DN.09	REMOVE GABLE VENT AND PREPARE OPENING FOR WALL INFILL
DN.10	REMOVE PORTION OF WALL AND DOOR AND PREPARE OPENING FOR NEW GLAZING ASSEMBLY
DN.11	REMOVE CONCRETE RAMP/SILL AT EXISTING ENTRY DOOR
DN.12	REMOVE TEMPORARY WALL AND DOOR. SALVAGE DOOR TO OWNER
DN.13	REMOVE GUARDRAIL AND SALVAGE TO OWNER



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AIM Center of Excellence at SLN

2625 Arnold Court Salina, Kansas

PROJECT NUMBER:	23-133
PROJECT ARCHITECT:	SEG
PROJECT MANAGER:	ADT
DRAWN BY:	ADT, MGL, KPR
CHECKED BY:	MAE
ISSUE DATE:	04/11/2024
ISSUE RECORD:	100% CDs, Permit Set
REVISIONS	
2 Addendum No. 2	5/1/2024

SHEET TITLE

Demolition Floor Plan, Roof and Exterior Elevations

HANGAR 626 SHEET NUMBER

D101.2

ITEM #1

**Open Face, Non-Pressurized,
 Dry Filter Crossflow Paint Spray Booth**



Equipment Type

Equipment Operation Type:	Dry Filter Open Face Booth
Product Based Model Number:	SESC-100816-NSB-SP
Clear Internal Working Dimensions:	10' 0" W x 8' 0" H x 16' 0" L
Overall Dimensions (Approximate):	10' 4" W x 8' 10" H x 20' 2" L
<i>Note: Approximate Overall Dimensions DO NOT Account for External Components (Fans, Remote Modules, AMUs, Ductwork, etc.)</i>	

Equipment Base Design

Equipment Panel Construction Type:	Single Skin
Equipment Panel Construction Finish:	Galvanized Steel
Equipment Panel Construction Material:	18 Gauge Thickness
Support Structure Construction Type:	12 Gauge Thick Single Header
Equipment Airflow Design:	Crossdraft
Target Average Air Velocity (FPM):	100 FPM Minimum
Target Average Opening Capture Velocity (FPM):	100 FPM
Included Light Quantity:	8 Lights
Included Light Type:	LED T8 Inside Access 4-Tube Lights
Included Observation Window(s) Design 1:	(2) 48" x 72" Window(s) Located at Right and Left Sidewall
Base Design 1:	120 fc 3' from finished floor.
Base Design 2:	Lights in the ceiling and sidewalls.

Exhaust Design

Total Design Exhaust CFM:	8000 Design CFM
Exhaust Method Design:	Industrial Exhaust Chamber
Exhaust Fan Framework:	(1) 30.06" Mixed Flow Fan with 7.5 HP TEFC Motor at 3-1/2" SP
Exhaust Filter Selection:	Chromate 3 Stage (CPA Media, MEPT Panel, 6-Pocket Bag)
Exhaust Design:	The exhaust plenum be designed to support the Exhaust fan and duct.

Exhaust Ductwork Inclusions

Exhaust Duct Building Penetration:	Roof
Exhaust Duct Construction Design:	1 Lot of Spiral Exhaust Ductwork
Exhaust Primary Stack Diameter (Approx Design):	(30") Diameter Main Duct Design
(1 Lot) Straight Duct; (1) Inspection Door(s); (1 Lot) Connection Rings; (1) ARV(s); (1) Motor Cover(s)	
Additional Exhaust Ductwork Requirement 1:	Roof flange not included in proposal .
Additional Exhaust Ductwork Requirement 2:	Fan stand not included in proposal is required at for installation.
<i>Note: When Included, Exhaust Ductwork Designed for Required Site Specific Point of Termination</i>	

Equipment Access Design

Solid Back or Passthrough Equipment Flow:	Solid Back
Front Opening/Product Door Access:	Open Face
Front Opening/Product Door Size:	10' 0" W x 8' 0" H

Electrical Controls Design

Equipment Electrical Controls Operation:	Basic Non-Pressurized Control (CP-BNP)
Safety Solenoid Valve Inclusion:	3/4" Industrial Style
Include Air Proving Switch:	Included in Design
Filter Monitoring Framework:	3-Stage (Visual Only through Magnehelic)

Additional Inclusions

Include Equipment ETL Listing:	Included in Design
Structural (Only) Stamped Engineering Drawings:	Included as Standalone Item (Does NOT Include Calcs)
Overall Additional Inclusion 1:	Hard Copy Stamped Drawings

SESC Design Tolerance Clarification

Component, Clear, Overall, & Gen Dimensions:	All Dimensions are Approximate and are NOT for Construction
Design (Target) Average Air Velocities:	Average Velocity Designed for Target Minimum
Minimum Average Opening Capture Air Velocities:	Capture Velocity Designed for Target Minimum
Ventilation Equipment Total Design (Target) CFMs:	Target Airflow Rate Within +/- 10% of Design
<i>Inclusions without Specific Values (Heating, Cooling, Drying, etc.) are General; Specific Requirements Need to be Communicated</i>	
<i>Note: Quote Information is Subject to Change; Improvements may be Captured Through Internal SESC Review in Submittal/Approval</i>	

EQUIPMENT FEATURES

Open Face Paint Booths provide a bright, safe and clean environment for finishing operations. Standard Open Face Booths feature Wave[®] exhaust filters for excellent overspray capture, and heavy-duty panels with sturdy nut-and-bolt construction, providing a solid, efficient booth at an excellent value. Open Face Booths have a short lead time to get you up and running quickly.

Air is introduced into the front of the booth through the open face of the enclosure and is exhausted through a plenum at the rear of the booth. Air is pulled horizontally from the front of the booth through the working depth. The exhaust filter layout is designed for even air velocity throughout the working area of the booth (Consistent air velocity is an important factor in achieving a quality paint job). The booth is designed with the maximized filter quantity to assure efficient particulate filtration from the exhaust filters.

Construction

Booth panels are pre-punched, and companion flanged for easy assembly.

Booth support structure consists of structural steel with trouble-free bolt together assembly.

Note: This equipment is designed expressly for the removal of particulate matter only. Reduction of "volatile organic compounds" requires either coating reformulation or optional, additional equipment.

Mixed-Flow Fan

Mixed-flow fans are designed for maximum performance at higher static pressures and higher air volumes. A mixed-flow wheel offers quiet operation with high efficiencies in low-to-medium pressure-ducted systems. The housing is constructed of continuously welded, heavy-gauge steel to ensure no air leakage, with inlet and outlet collars for slip fit duct connections. Welded steel vanes straighten the flow of air from the fan discharge and support bearings and drives. Turned, precision-ground and polished steel shafts are sized so that the first critical speed is at least 25 percent more than the maximum operating speed for each pressure class. Close tolerances are maintained where the shaft makes contact with the bearing. Mixed-flow fans are also equipped with extended lube lines with grease fittings, allowing for lubrication without disassembling the fan. Belt guards provide protection from rotating drive components, per OSHA requirements. All sound levels are calculated in accordance with AMCA 210 standards.

T8 LED Light Fixtures

Glass-free, ETL listed T8 LED lamps emit virtually no ultraviolet or infrared light, and they don't contain mercury, allowing for non-hazardous waste disposal. They turn on instantly at full luminosity, with no flicker or buzz. T8 LED lamps offer up to 40 percent energy savings when compared to traditional fluorescent 32-watt T8 systems. They also last longer than traditional fluorescent bulbs, providing up to a 50,000-hour life span.

Filter Monitoring System for Three-Stage Filtration

The filter monitoring system is designed to fit into a 20-by-20-inch filter cell. It is a self-contained unit that monitors air filter pressure drops on a stage-by-stage basis, without touching a single filter. Three magnehelic gauges are included.

Three-Stage Filtration System

The three-stage filtration system is designed to fit into a 20-by-20-inch filter cell. The first stage features a roll media-type filter, the second stage is a panel-type filter and the third stage is a bag-type filter.

Basic Non-Pressurized (BNP) Control Panel

- UL 508A listed, independent electromechanical control panel with a single-point connection for easy wiring to the main disconnecting device
- Type 1 rated enclosure provides protection from electrical shock
- Simple on/off controls for operating non-pressurized paint booths
- Standard control panel
- Included components:
 - Non-fused disconnect with a door-mounted disconnect handle provides basic safety lockout/tagout
 - Magnetic motor starter
 - Motor fuse protection
 - Lighting contactor
 - Lighting circuit protection
 - Terminal strips for field wiring
 - System operating lights
 - 22 mm pushbuttons
- Sequence of Operation
 - Use the system start and stop pushbuttons and the booth lighting selector switch to operate the booth's exhaust ventilation and lights.
- SCCR Rating 5ka standard at operating voltage (Please Note: higher ratings available for quotation if required).

Exhaust Ductwork *(Designed to have proper termination height above the roof line.)*

Ductwork is constructed from galvanized sections with the necessary connection hardware for easy assembly.

NOTE: Duct supports provided in this quotation.

Manometer

The manometer measures differential pressure, indicating when paint arrestors or air intake filters are sufficiently loaded and need replacement. Manometers are included with all SESC paint booths and exhaust chambers.

Solenoid Valve

To prevent the working area of the equipment from reaching combustible levels, the three-way air safety valve interlocks the compressed air supplying the application equipment with the ventilation system and prevents spraying operations when exhaust fans are off. This safety feature is in accordance with NFPA 33 requirements. Additionally, any listed light fixtures included with this equipment provide a light lens switch that will shut down operation when the lens is not in the closed position. This is required to help prevent the possibility of the electrical componentry of the light from being exposed to a combustible level of overspray. Compressed air between the valve and the spray equipment is vented out when the valve is closed to assist in preventing damage to the equipment when the safety valve is triggered.