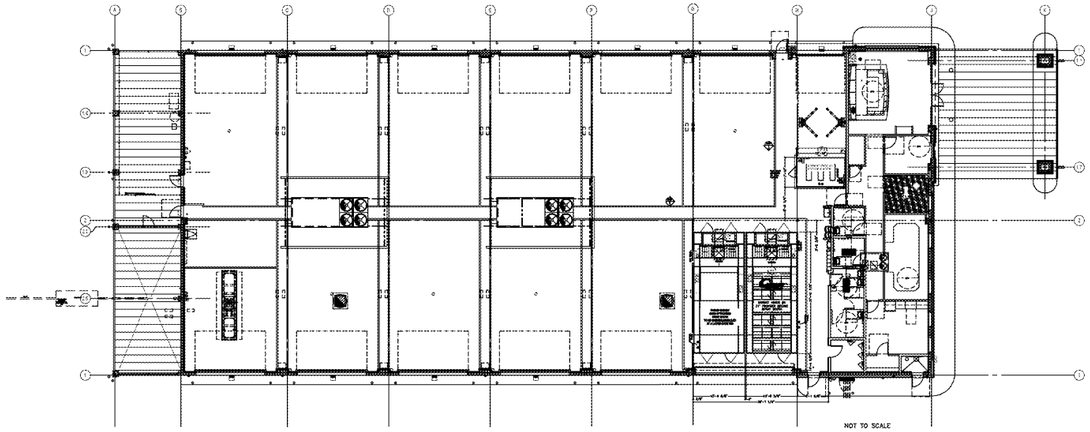
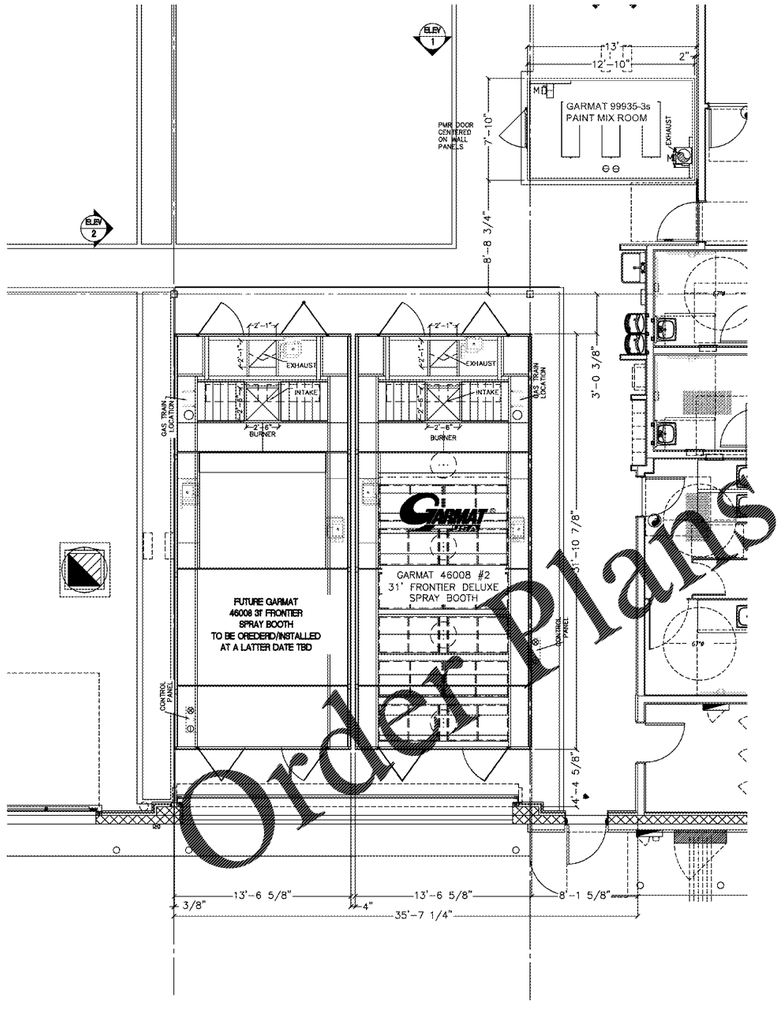


NOT TO SCALE



LEGEND

- ELECTRICAL DROP
- M MOTOR LOCATION
- AIR INLET
- AIR FLOW TO BOOTH CABIN FROM MECH-- ANICAL UNIT
- GAS TRAIN INLET

EACH GARMAT 46008, 31' DELUXE FRONTIER SPRAY BOOTH WILL REQUIRE:

1. AT EACH ELECTRICAL DROP LIGHTING WILL REQUIRE (2)--110/277v, 20/10 amp CIRCUITS.
110v STANDARD, 277v OPTIONAL. UPGRADED LIGHTING WILL REQUIRE AN ADDITIONAL LIGHT CIRCUIT.

2. AT ELECTRICAL DROP THE MOTORS WILL REQUIRE 208/230/460v(575 OUTSIDE USA), 80/70/35AMP, THREE PHASE SERVICE FOR (1)--10HP MOTOR, (2)--5HP MOTORS, AND (4)--1/4HP ACCELECURE MOTORS.

3. ALL ELECTRICAL CONNECTIONS SHOULD BE IN ACCORDANCE TO THE CURRENT NEC (NATIONAL ELECTRICAL CODES) EDITION. VERIFY COMPLIANCE OF LOCAL CODES WITHIN THE JURISDICTION OF THE INSTALLATION SITE.

4. ALLOW ADEQUATE CLEARANCE OF 3' MINIMUM FORM ALL SPARKING ELECTRICAL COMPONENTS, TO CONFORM TO THE CURRENT NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) 33, EDITION.

5. EACH REMOTE CONTROL PANEL TO BE PLACED AT ONES DISCRETION AND NOT TO BE WITHIN 3' OF BOOTH OPENING, IT SHALL BE IN COMPLIANCE TO THE LOCAL JURISDICTION OF THE INSTALLATION SITE.

6. COMPRESSED AIR TO EACH AIR INLET AT THE CONTROL PANEL IS TO BE TWO TO THREE CUBIC FEET PER MINUTE OF AIR AT 60 psi MAXIMUM. FOR FINISHING APPLICATIONS ALLOW AN EXTRA 12 TO 14 CUBIC FEET PER MINUTE.

7. BURNER SIZE: 997,000 btu

8. GAS CAPACITY TO PROVIDE FOR RATED btu AT EACH GAS TRAIN INLET, A MINIMUM GAS PRESSURE OF 1/4 psi IS REQUIRED, A MAXIMUM OF 1/2 psi IS PREFERRED.

9. LEVEL FLOOR +/-- 1/8"

10. ALLOW ADEQUATE SPACE AROUND THE BOOTHS IN ACCORDANCE TO THE CURRENT NFPA 33, EDITION.

11. MEANS OF EGRESS TO CONFORM TO THE CURRENT NFPA 101 EDITION.

12.A MINIMUM CLEARANCE OF 2ft IS REQUIRED FROM FRONT OF THE BOOTH TO ANY WALL OR OBSTACLE FOR OPTIMUM TURNING RADIUS.

13. HEIGHT OF CABIN IS 10'-10 ". AT CHEST POINT 12'-5 3/4". INSURE A MINIMUM CLEARANCE OF 14'--0" AT ALL MOTOR AND DUCT LOCATIONS.

14. PROVIDE FOR UNOBSTRUCTED EXPLOSION RELIEF IN ACCORDANCE TO THE CURRENT NFPA 86, EDITION.

15. AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM SHALL BE PROVIDED BY OTHERS IN ACCORDANCE TO THE CURRENT NFPA 33, EDITION.

PAINT MIX ROOM WILL REQUIRE:

1. AT ELECTRICAL DROP THE LIGHTING WILL REQUIRE (1)--110/277v 20/10amp CIRCUIT.

THE LIGHTS WILL BE OPERATED BY EXTERIOR SWITCHES TO BE PROVIDED BY OTHERS.

2.THE MOTORS WILL REQUIRE 120v SINGLE PHASE SERVICE FOR (1)--1/4 hp MOTORS. MOTORS SHOULD BE CONNECTED FOR 24 hr/day OPERATION WITH SERVICE SWITCHES AT MOTORS.

3. PAINT MIX ROOM WILL BE EQUIPPED WITH (1)--INTAKE FAN (800cfm) AND (1)--EXHAUST FAN (900cfm).

4. ALL ELECTRICAL CONNECTIONS SHOULD BE IN ACCORDANCE TO THE CURRENT NEC (NATIONAL ELECTRICAL CODES) EDITION. VERIFY COMPLIANCE OF LOCAL CODES WITHIN THE JURISDICTION OF THE INSTALLATION SITE.

5. AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM SHALL BE PROVIDED BY OTHERS.

6. PAINT MIX ROOM IS DESIGNED AND IS TO BE INSTALLED IN ACCORDANCE WITH CURRENT NFPA 33, EDITION.

7. THE ENTIRE ROOM IS MADE OF 20ga STEEL DOUBLE SKIN, OR 18ga SINGLE SKIN CONSTRUCTION IN ACCORDANCE WITH THE CURRENT NFPA 33, EDITION.

8. HEIGHT OF PAINT MIX ROOM IS 10'--10".

9. WHEN THE MIXING ROOM IS LOCATED WITHIN 6ft FROM AN ADJACENT SPRAY AREA (S) THE COMBINED QUANTITY OF STORED LIQUIDS IN THE MIXING ROOM AND SPRAY AREA (S) MAY NOT EXCEED 120 gal. PER THE CURRENT NFPA 33, EDITION.

10. A BUILT--IN CONTAINMENT THRESHOLD WILL BE PROVIDED.

11. LEVEL FLOOR +/-- 1/8"

HEATED AIR MAKE-UP UNIT for EACH SPRAY BOOTH

Air Flow Rate (CFM)	Intake / Exhaust Motor (hp)	Fuel Type	Max. Firing Rate (btu/hr)	Min. Inlet Pressure (in wc)	Max. Inlet Pressure (psi)	Temp. Rise (°F)	Inlet Pipe Size NPT (inches)
EACH 46008							
12,000	(2)5/ (1)10	Natural Gas	997,000	7	5#	80°	1.25
		Propane	997,000	5	5psi	80°	

Filter Specifications

Filter Type	Location	Dimensions	Material	Rating/ Efficiency	Qty Req'd	Initial Resistance
EACH SPRAY BOOTH						
Intake	PLENUM	38.5"x 61.42"x 0.75"	POLYESTER	97.90%	12	.011"
Exhaust	UNDER GRATING down draft	2 1/2" x (-) YELLOW TOP DRY PA22	FIBERGLASS PAINT STOP MEDIA	99.38%	ROLL AN NEEDED	0.03" w.c.
PAINT MIX ROOM						
Exhaust	WALL PANEL	12"x 18"x 1"	POLYESTER	>72%	2	0.07" w.c.

Lighting Circuit Specifications for Each Spray Booth

		Min. Single Phase Circuit Capacity (Amps)					
EACH 31' FRONTIER							
Tube Count	Fixture Count	120V	277V	Circuits Req'd	Hip Lights	Wall Lights	Ceiling
4	26	20	10	2	12	12	2
Total Tubes	104						
PAINT MIX ROOM		110V	277V				
4	3	20	10	1	-	-	3
Total Tubes	12						

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Date

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ALL EQUIPMENT IS DESIGNED EXPRESSLY FOR THE REMOVAL OF PARTICULATE MATTER ONLY. REDUCTION OF "VOLATILE ORGANIC COMPOUNDS" REQUIRES EITHER COATING REFORMULATION OR OPTIONAL, ADDITIONAL EQUIPMENT.

C ETL LISTED US
Intertek

- SHOP DRAWINGS BASED ON BEST AVAILABLE INFORMATION
- DISTRIBUTORS RESPONSIBILITIES
  - VERIFY EQUIPMENT MODEL NUMBERS IN DRAWING WITH EQUIPMENT ON ORDER
  - ITEM QUANTITIES
  - FIELD VERIFY ALL DIMENSIONS
  - VERIFY COMPLIANCE WITH ALL NATIONAL and LOCAL CODES within JURISDICTION OF INSTALLATION SITE
  - SPECIFICATIONS FOR PERMIT APPLICATION

EQUIPMENT PLAN VIEW AND SPECIFICATIONS

CALIBER COLLISION
LAKELAND, FL

STATUS -- PERMIT
CUST. -- 798
REVISION -- 0
SHEET SIZE -- D

DWG. NO. GAM798A0

DATE 7/22/2020
SCALE 3/16"=1'
SHEET NO. A