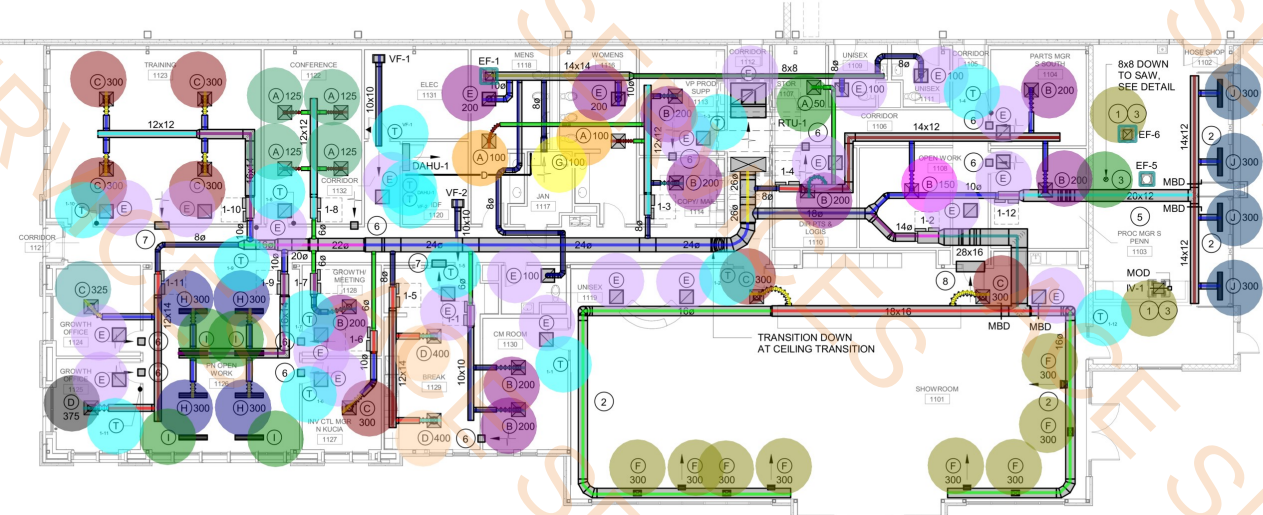
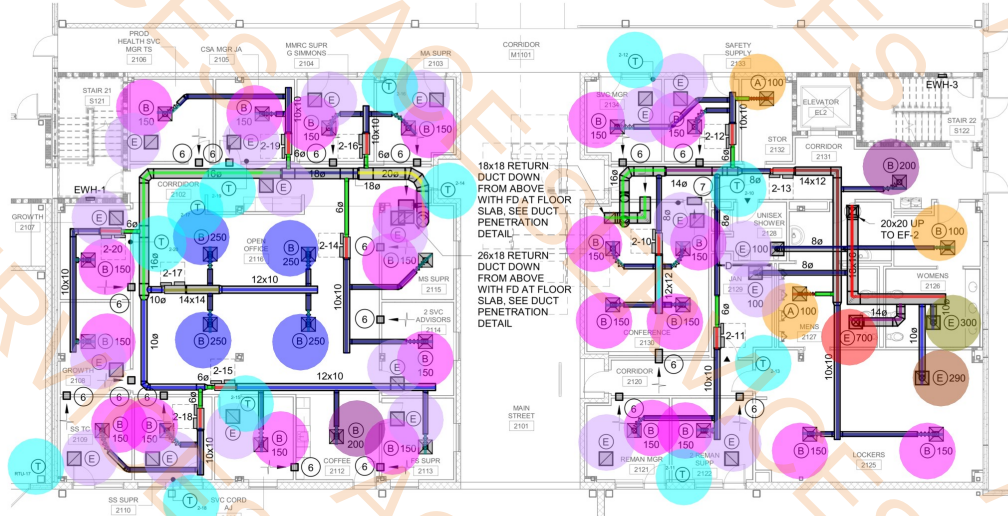
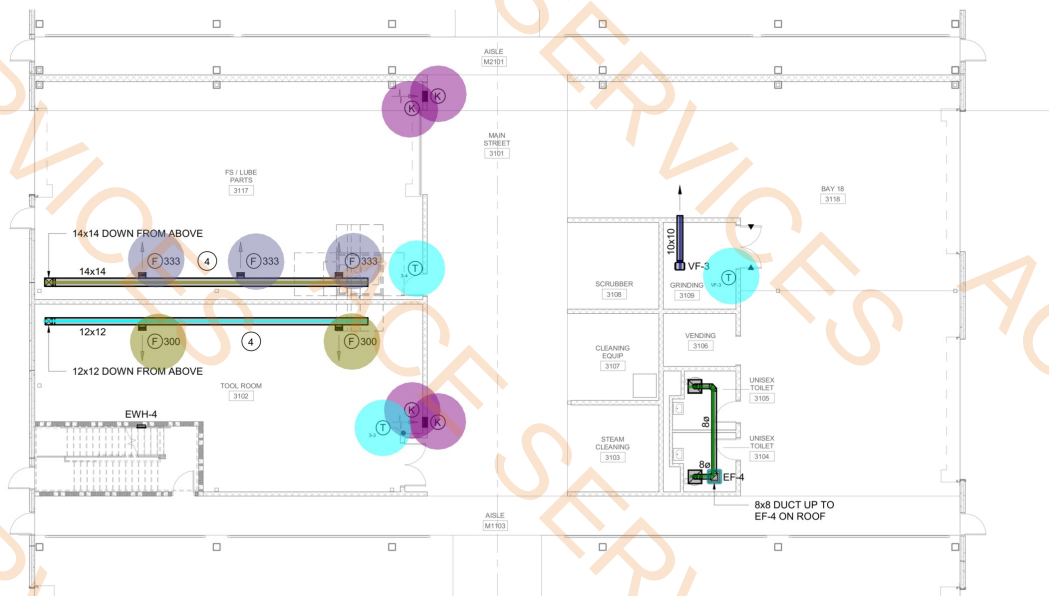




- | | |
|--|----|
| 18" Dia Duct | 2 |
| 14" Dia Duct | 4 |
| 28x16 Duct | 2 |
| 18x16 Duct | 7 |
| 16" Dia Duct | 19 |
| 10" Dia Flexible Duct | 6 |
| 12" Dia Flexible Duct | 1 |
| 10" Dia Duct | 17 |
| 18" Dia Duct | 2 |
| 20x12 Duct | 14 |
| 14x12 Duct | 4 |
| 8x8 Duct (10' H) | 2 |
| 12" Dia Duct 15' H) | 32 |
| 8" Dia Duct | 5 |
| 12" Dia Duct | 10 |
| 6" Dia Duct | 5 |
| 26" Dia Duct | 1 |
| 24" Dia Duct | 11 |
| 22" Dia Duct | 19 |
| 12x12 Duct | 7 |
| 6" Dia Flexible Duct | 9 |
| 8" Dia Flexible Duct | 13 |
| 8x8 Duct | 4 |
| 14x14 Duct | 1 |
| 10x10 Duct | 2 |
| 16x14 Duct | 10 |
| 20x20 Duct | 7 |
| 18x18 Duct | 1 |
| 20" Dia Duct | 4 |
| 12x10 Duct | 1 |
| 26x18 Duct (12' H) | 2 |
| 24"x24" Supply Air Diffuser (50 CFM) | 2 |
| 24"x24" Supply Air Diffuser (100 CFM) | 4 |
| 24"x24" Supply Air Diffuser (125 CFM) | 23 |
| 24"x24" Supply Air Diffuser (150 CFM) | 10 |
| 24"x24" Supply Air Diffuser (200 CFM) | 7 |
| 24"x24" Supply Air Diffuser (250 CFM) | 1 |
| 24"x24" Supply Air Diffuser (300 CFM) | 2 |
| 24"x24" Supply Air Diffuser (325 CFM) | 42 |
| 24"x24" Supply Air Diffuser (375 CFM) | 2 |
| 24"x24" Supply Air Diffuser (400 CFM) | 4 |
| 24"x24" Perforated Return Air Diffuser (100 CFM) | 4 |
| 24"x24" Perforated Return Air Diffuser (200 CFM) | 4 |
| 24"x24" Perforated Return Air Diffuser (290 CFM) | 4 |
| 24"x24" Perforated Return Air Diffuser (300 CFM) | 10 |
| 24"x24" Perforated Return Air Diffuser (700 CFM) | 3 |
| 14"x10" Side Wall Diffuser (300 CFM) | 4 |
| 12"x12" Side Wall Exhaust Diffuser (100 CFM) | 4 |
| 14"x10" Side Wall Diffuser (333 CFM) | 4 |
| 48" Long Slot Diffuser (300 CFM) | 4 |
| 48" Long Slot Diffuser (300 CFM) | 4 |
| 48" Long Dlot Return Diffuser (300 CFM) | 4 |
| 18"x18" Sidewall Return Diffuser (100-600 CFM) | 4 |
| Thermostat | 30 |
| 12" Curb @ Exhaust Fan | 3 |

NOTES TO SHEET		27.7 FT	46.6 FT
1	DROP DUCT 12" DOWN FROM ROOF DECK WITH HARDWARE CLOTH OVER OPENING.	21.1 FT	
2	EXPOSED DUCT SHALL BE DOUBLE WALL WITH PAINT GRIP FINISH.	71.2 FT	
3	EXPOSED DUCT SHALL HAVE PAINT GRIP FINISH.	199.7 FT	
4	EXPOSED DUCT SHALL BE INSULATED WITH RIGID INSULATION BOARD.	67.0 FT	
5	EXPOSED DUCT SHALL BE LINED WITH PAINT GRIP FINISH.	16.2 FT	
6	12x12 TRANSFER DUCT ABOVE CEILING.	177.7 FT	
7	24x12 TRANSFER DUCT ABOVE CEILING.	3.0 FT	
8	24x12 TRANSFER DUCT ABOVE CEILING.	28.4 FT	
9	24x12 TRANSFER DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.		
10	24x12 TRANSFER DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.		

27.7 FT	
46.6 FT	
21.1 FT	
71.2 FT	
199.7 FT	
67.0 FT	
16.2 FT	
177.7 FT	
3.0 FT	
28.4 FT	
143.0 FT	
1.0 EA	
2.0 EA	
326.0 FT	
56.9 FT	
103.5 FT	
7.3 FT	
56.6 FT	
12.6 FT	
119.0 FT	
41.1 FT	
191.8 FT	
70.7 FT	
93.3 FT	
134.6 FT	
44.7 FT	
13.1 FT	
20.7 FT	
16.0 FT	
42.4 FT	
1.0 EA	
1.0 EA	
5.0 EA	
4.0 EA	
23.0 EA	
10.0 EA	
4.0 EA	
7.0 EA	
1.0 EA	
1.0 EA	
2.0 EA	
42.0 EA	
2.0 EA	
1.0 EA	
1.0 EA	
1.0 EA	
10.0 EA	
1.0 EA	
3.0 EA	
4.0 EA	
4.0 EA	
4.0 EA	
4.0 EA	
4.0 EA	
30.0 EA	
33.0 FT	

BOUDREAU
inspired design

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Sumter Street
Columbia, SC 29201

BLANCHARD MACHINERY

SOUTH COLUMBIA

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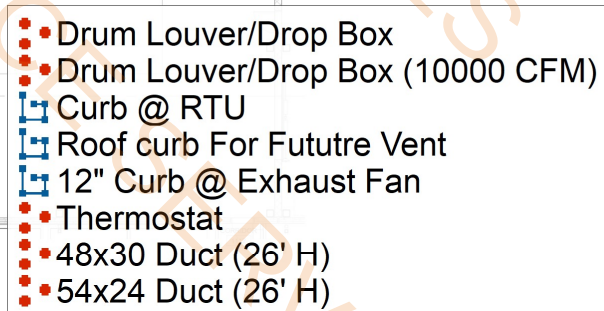
FIRST FLOOR PLANS - OFFICE BLOCKS

Figure No. **M1.1A**

KEY PLAN

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CONSULTING ENGINEERS

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Post Office Box 11686 Facsimile: (803) 791-0830
Columbia, S.C. 29211 mail@swygert-associates.com



- ## NOTES TO SHEET
- 1 DROP DUCT 12" DOWN FROM ROOF DECK WITH HARDWARE CLOTH OVER OPENING.
 - 2 EXPOSED DUCT SHALL BE DOUBLE WALL WITH PAINT GRIP FINISH.
 - 3 EXPOSED DUCT SHALL HAVE PAINT GRIP FINISH.
 - 4 EXPOSED DUCT SHALL BE INSULATED WITH RIGID INSULATION BOARD.
 - 5 EXPOSED DUCT SHALL BE LINED WITH PAINT GRIP FINISH.
 - 6 12x12 TRANSFER DUCT ABOVE CEILING.
 - 7 24x12 TRANSFER DUCT ABOVE CEILING.
 - 8 48x12 TRANSFER DUCT ABOVE CEILING.
 - 9 48x30 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.
 - 10 54x24 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.

BLANCHARD MACHINERY
SOUTH COLUMBIA

FIRST FLOOR PLAN - CRC SPEC SHOP

Drawing No.

M1.1B

BOUDREAUX

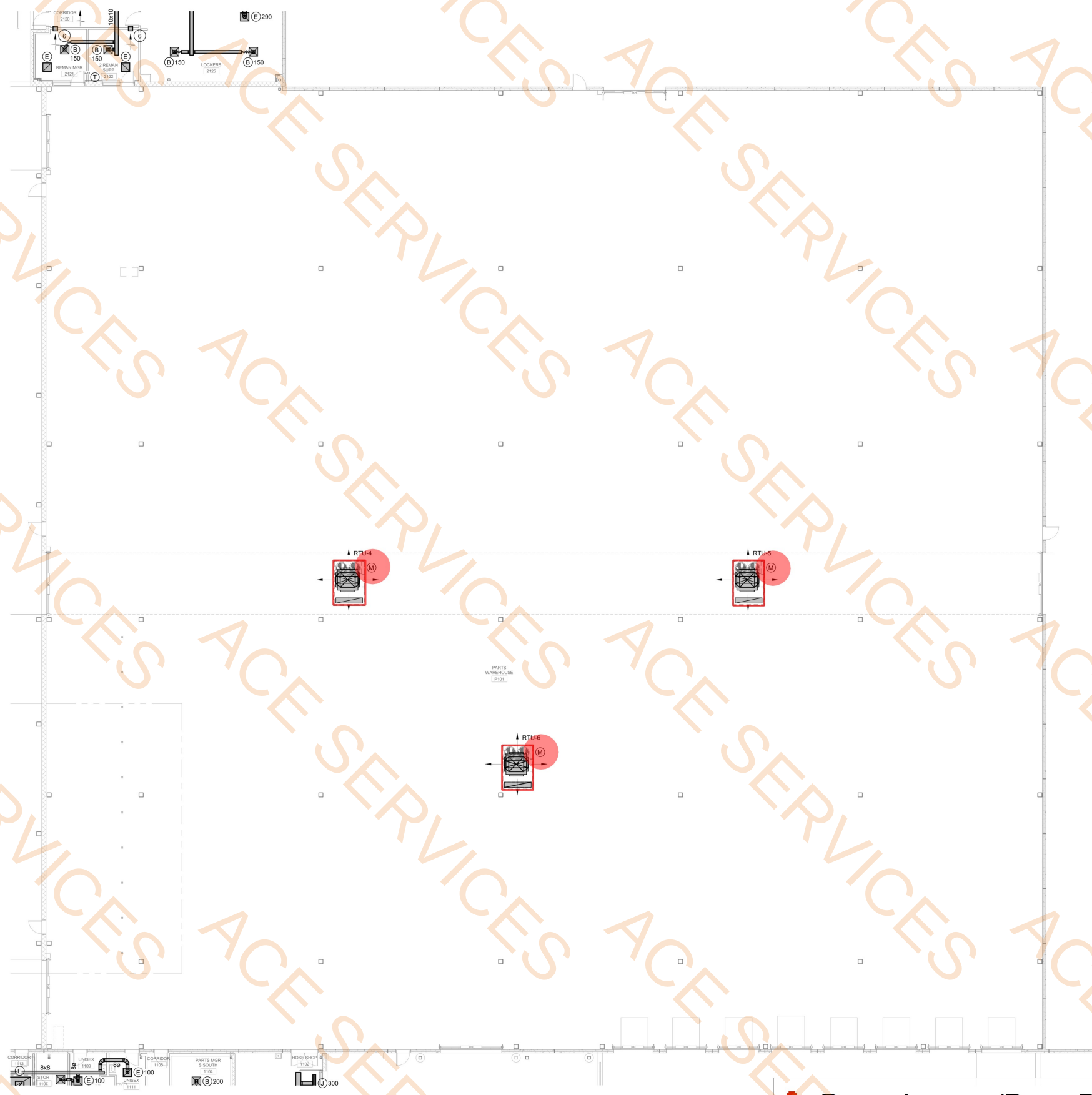
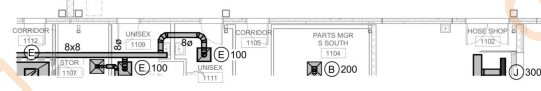
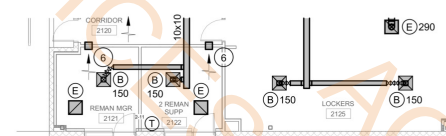
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Project Number
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Date
1/14/2024

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- NOTES TO SHEET
- 1 DROP DUCT 12" DOWN FROM ROOF DECK WITH HARDWARE CLOTH OVER OPENING.
 - 2 EXPOSED DUCT SHALL BE DOUBLE WALL WITH PAINT GRIP FINISH.
 - 3 EXPOSED DUCT SHALL HAVE PAINT GRIP FINISH.
 - 4 EXPOSED DUCT SHALL BE INSULATED WITH RIGID INSULATION BOARD.
 - 5 EXPOSED DUCT SHALL BE LINED WITH PAINT GRIP FINISH.
 - 6 12x12 TRANSFER DUCT ABOVE CEILING.
 - 7 24x12 TRANSFER DUCT ABOVE CEILING.
 - 8 48x12 TRANSFER DUCT ABOVE CEILING.
 - 9 48x30 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.
 - 10 54x24 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.

BLANCHARD MACHINERY

SOUTH COLUMBIA

Project Number
1011-21

Date
11/14/2024

Description

No.

Project Title
FIRST FLOOR PLAN - PARTS WAREHOUSE

Drawing No.
M1.1C

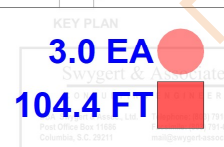
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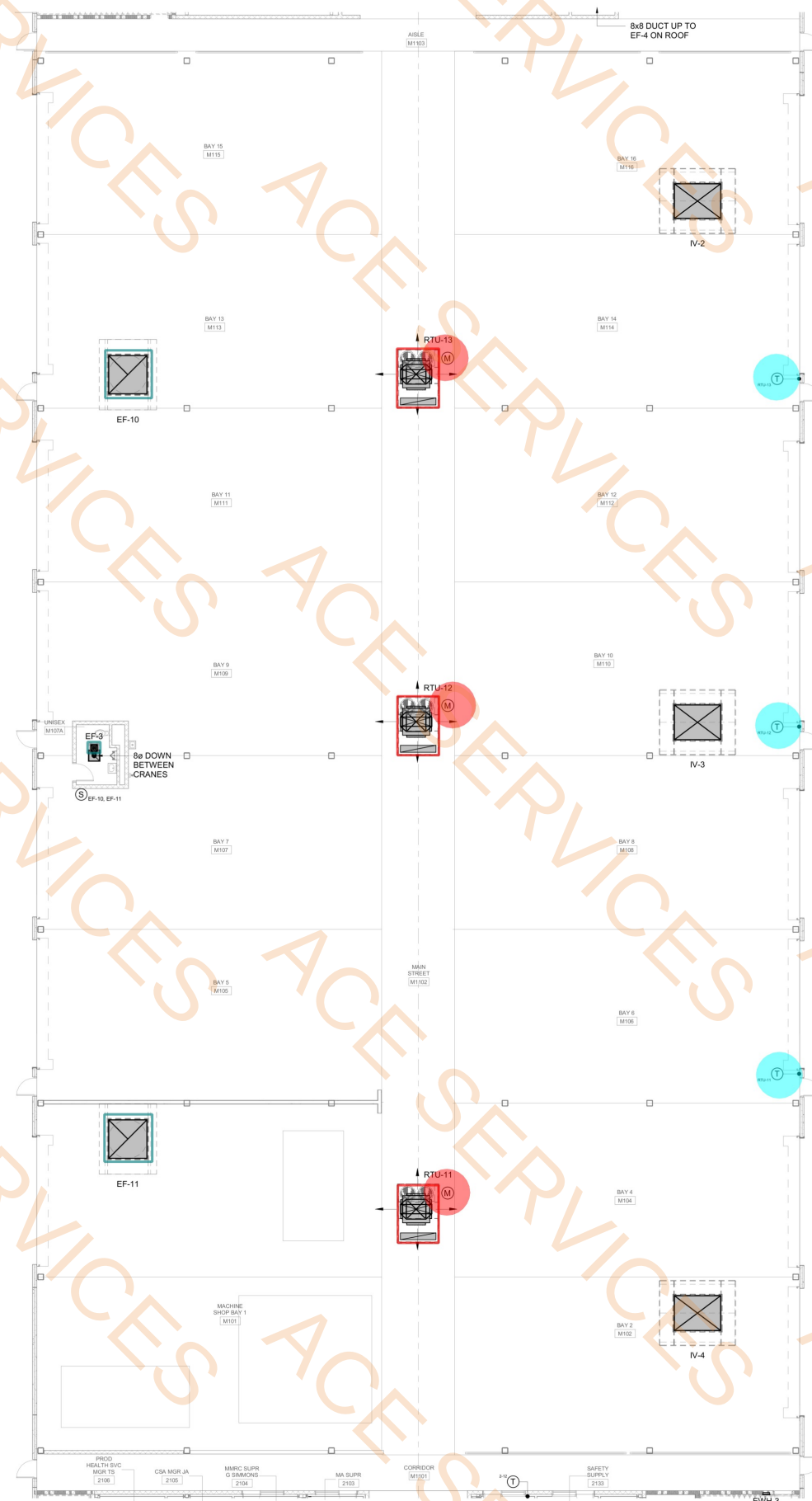
NO. 17564
WILLIAM C. BODREAUX
ARCHITECT

NO. 02027
SWISS-ROD
ARCHITECTS LTD.
CERTIFICATE OF REGISTRATION

■ Drum Louver/Drop Box (10000 CFM)
■ Curb @ RTU



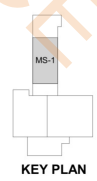
1 FIRST FLOOR PLAN - PARTS WAREHOUSE
3/32" = 1'-0"



- NOTES TO SHEET
- 1 DROP DUCT 12" DOWN FROM ROOF DECK WITH HARDWARE CLOTH OVER OPENING.
 - 2 EXPOSED DUCT SHALL BE DOUBLE WALL WITH PAINT GRIP FINISH.
 - 3 EXPOSED DUCT SHALL HAVE PAINT GRIP FINISH.
 - 4 EXPOSED DUCT SHALL BE INSULATED WITH RIGID INSULATION BOARD.
 - 5 EXPOSED DUCT SHALL BE LINED WITH PAINT GRIP FINISH.
 - 6 12x12 TRANSFER DUCT ABOVE CEILING.
 - 7 24x12 TRANSFER DUCT ABOVE CEILING.
 - 8 48x12 TRANSFER DUCT ABOVE CEILING.
 - 9 48x30 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.
 - 10 54x24 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.

■ Drum Louver/Drop Box (10000 CFM)
■ Curb @ RTU
■ 12" Curb @ Exhaust Fan
■ Thermostat

3.0 EA
103.4 FT
73.8 FT
3.0 EA



1 FIRST FLOOR PLAN - MS1
M1.1D 3/32" = 1'-0"

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BLANCHARD MACHINERY SOUTH COLUMBIA

Project Number: 1011-21 Date: 11/14/2024

Drawing Title: FIRST FLOOR PLAN - MS1 Drawing No. M1.1D

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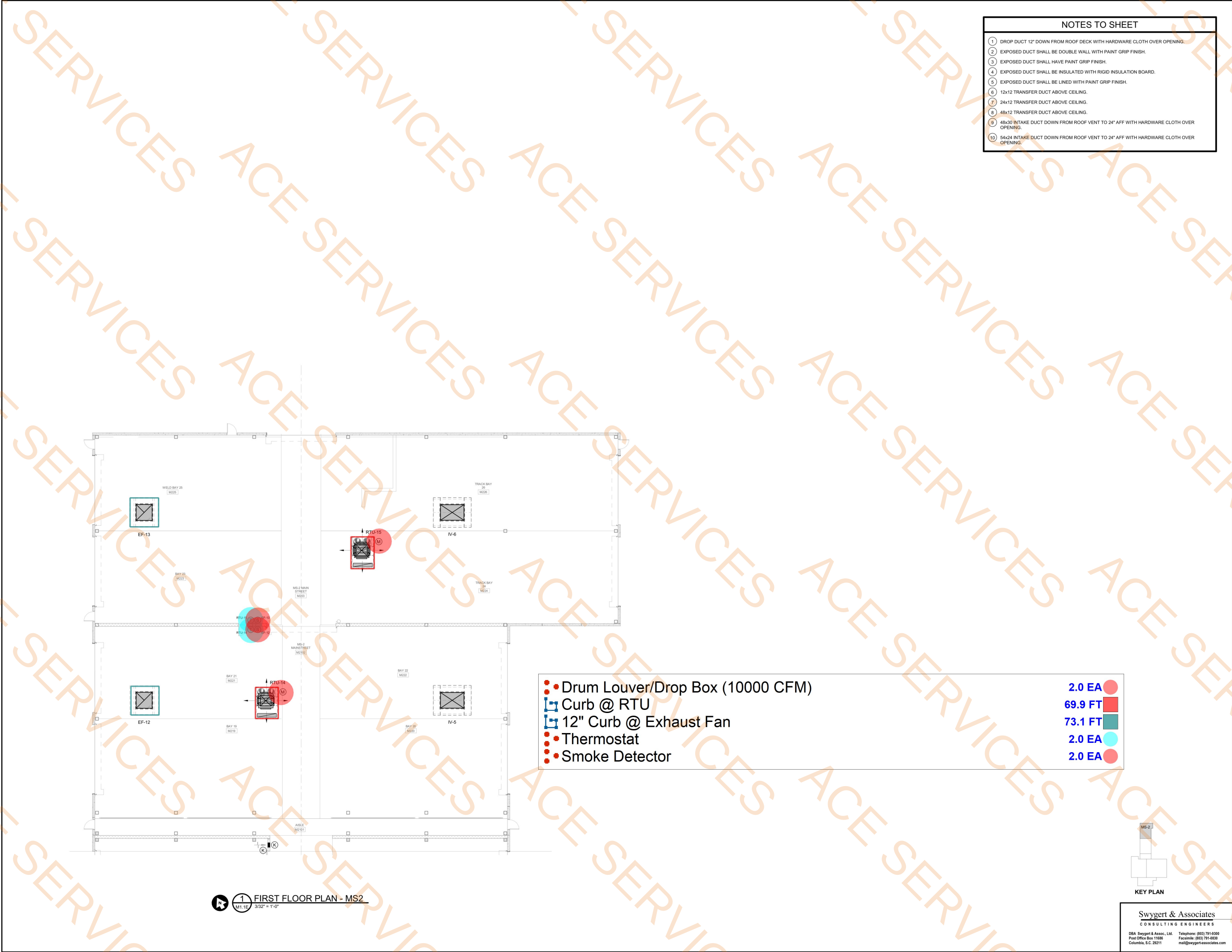
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BOUDREAUX inspired design

Professional Engineer Seal: WILLIAM C. BODREAU, No. 17564, Mechanical, State of South Carolina

Professional Engineer Seal: SWYGERT AND ASSOCIATES, LTD., No. 00007, Mechanical, State of South Carolina

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- NOTES TO SHEET
- 1

DROP DUCT 12" DOWN FROM ROOF DECK WITH HARDWARE CLOTH OVER OPENING.
- 2

EXPOSED DUCT SHALL BE DOUBLE WALL WITH PAINT GRIP FINISH.
- 3

EXPOSED DUCT SHALL HAVE PAINT GRIP FINISH.
- 4

EXPOSED DUCT SHALL BE INSULATED WITH RIGID INSULATION BOARD.
- 5

EXPOSED DUCT SHALL BE LINED WITH PAINT GRIP FINISH.
- 6

12x12 TRANSFER DUCT ABOVE CEILING.
- 7

24x12 TRANSFER DUCT ABOVE CEILING.
- 8

48x12 TRANSFER DUCT ABOVE CEILING.
- 9

48x30 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.
- 10

54x24 INTAKE DUCT DOWN FROM ROOF VENT TO 24" AFF WITH HARDWARE CLOTH OVER OPENING.

- Drum Louver/Drop Box (10000 CFM)

2.0 EA
- Curb @ RTU

69.9 FT
- 12" Curb @ Exhaust Fan

73.1 FT
- Thermostat

2.0 EA
- Smoke Detector

2.0 EA



KEY PLAN

1 FIRST FLOOR PLAN - MS2
M1.1E 3/32" = 1'-0"

BLANCHARD MACHINERY
SOUTH COLUMBIA

Project Number
1011-21
Date
11/14/2024
Drawing Title
FIRST FLOOR PLAN - MS2

Drawing No.

M1.1E

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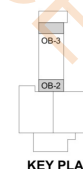
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- | | |
|----------|---|
| 6.8 FT |  |
| 91.6 FT |  |
| 53.6 FT |  |
| 18.7 FT |  |
| 12.3 FT |  |
| 166.3 FT |  |
| 22.9 FT |  |
| 121.1 FT |  |
| 68.8 FT |  |
| 43.7 FT |  |
| 16.7 FT |  |
| 15.2 FT |  |
| 20.1 FT |  |
| 35.2 FT |  |
| 25.2 FT |  |
| 33.0 FT |  |
| 16.5 FT |  |
| 179.0 FT |  |
| 27.5 FT |  |
| 11.4 FT |  |
| 3.0 EA |  |
| 10.0 EA |  |
| 1.0 EA |  |
| 15.0 EA |  |
| 2.0 EA |  |
| 5.0 EA |  |
| 2.0 EA |  |
| 15.0 EA |  |
| 52.1 FT |  |
| 7.1 FT |  |
| 11.0 EA |  |



KEY PLA

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NOTES TO SHEET

- ① 12x12 TRANSFER DUCT ABOVE CEILING
- ② 24x12 TRANSFER DUCT ABOVE CEILING
- ③ 48x12 TRANSFER DUCT ABOVE CEILING

BLANCHARD MACHINERY

SOUTH COLOMBIA

Drawing Title.

MEZZANINE PLANS - OFFICE BLOCKS

Drawing No.

M1.2A

BOUDREAUX

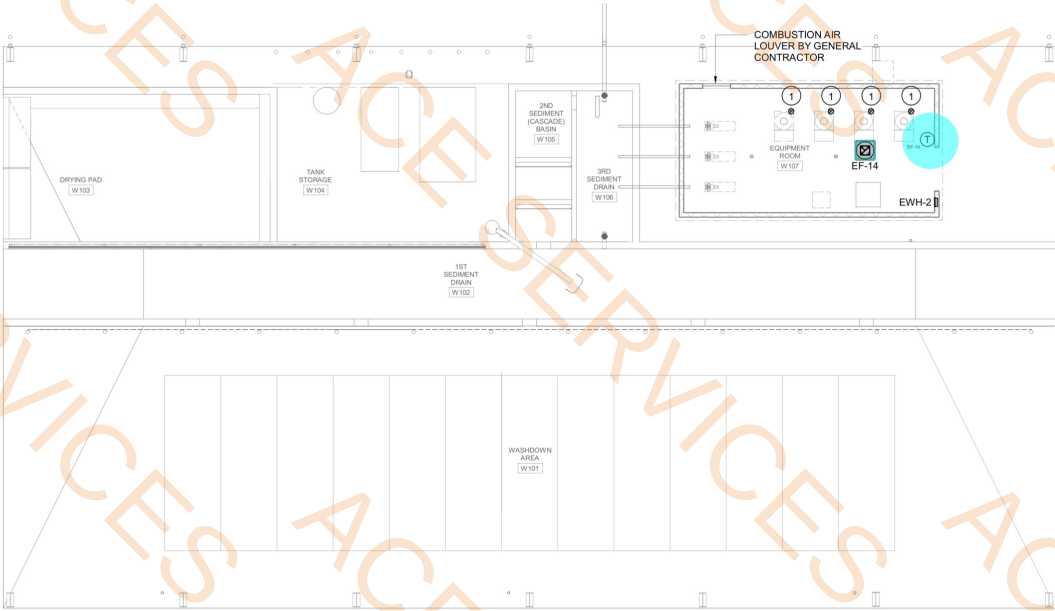
519 Sumter Street
Columbia, SC 29201

803.799.0247 p
3andrea@ycom.com



NOTES TO SHEET

1 10" B-VENT UP THROUGH ROOF WITH UL LISTED VENT CAP.



12" Curb @ Exhaust Fan
Thermostat

10.3 FT
1.0 EA

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SOUTH COLUMBIA

Drawing Title:
WASH PAD FLOOR PLAN

Drawing No.
M21.1

Project Number
101121
Date
11/14/2024
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