



Quality People. Building Solutions.

Comfort Systems USA (Arkansas), Inc.
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Date: 8/21/2025

Return Request: 9/4/2025

Project: Hot Springs National Park – Rehabilitate Bathhouses – Buckstaff Bathhouse

Supplier: Comfort Systems USA (Arkansas), Inc.

Manufacturer: Healthy Air

Submittal: Air Cleaning Devices (Air Purifiers)

Submittal Number: 234000.002

Spec Section: Plan Page M2-4, Flag Note #8

Drawing # and Installation Location: M2-4 (Flag Note #8) – Located in Mani/Pedi Rooms

ARCHITECT

Kenneth Hahn Architects, Inc.
1343 S. 75th Street
Omaha, Nebraska 68124
(402)391-2111

GENERAL CONTRACTOR

Tepa, LLC
2345 Grand Blvd, Suite 700
Kansas City, Missouri 64108
(816)708-1110

ENGINEER

Alvine Engineering
1201 Cass Street
Omaha, Nebraska 68102
(402)346-7007

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
9924 Landers Road
North Little Rock, Arkansas 72117
(501)834-3320

Comments:

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CSUSA PROJECT NO.

25-7065

joe@comfortar.com

9924 Landers Road
No. LittleRock, AR 72117

FLAG NOTES

- 1

CONTRACTOR TO REMOVE EXISTING GRILLE AND PROVIDE NEW OPENING IN WALL TO VENTILATION SHAFT AT AN ELEVATION AT 6'-6" ABOVE FLOOR. REINSTALL EXISTING GRILLE AT NEW OPENING IN WALL. NEW OPENING IN WALL TO MATCH EXISTING OPENING (FIELD VERIFY SIZE).
- 2

INSTALL NEW DUCTWORK THROUGH EXISTING SHAFT WALL. LOCATE NEW SIDEWALL SUPPLY GRILLE AT SAME BOTTOM ELEVATION AS GRILLE REMOVED AND RELOCATED. PATCH EXISTING OPENING IN WALL AS REQUIRED SO NO OPENING IS VISIBLE AFTER NEW GRILLE IS INSTALLED AT OPENING.
- 3

NEW VERTICALLY CONFIGURED, HI-EFFICIENCY GAS-FIRED, FURNACE WITH DX COOLING COIL - MOUNT FURNACE IN AUXILIARY DRAIN PAN ON FLOOR. PROVIDE FURNACE WITH BOTTOM RETURN AIR BASE ALLOWING BOTH SIDE AND BOTTOM RETURN AIR CONNECTION.
- 4

AIR-COOLED CONDENSING UNIT LOCATED AT ROOF ADJACENT TO THIRD LEVEL - SUPPORT ON PREFABRICATED ROOF EQUIPMENT SUPPORT.
- 5

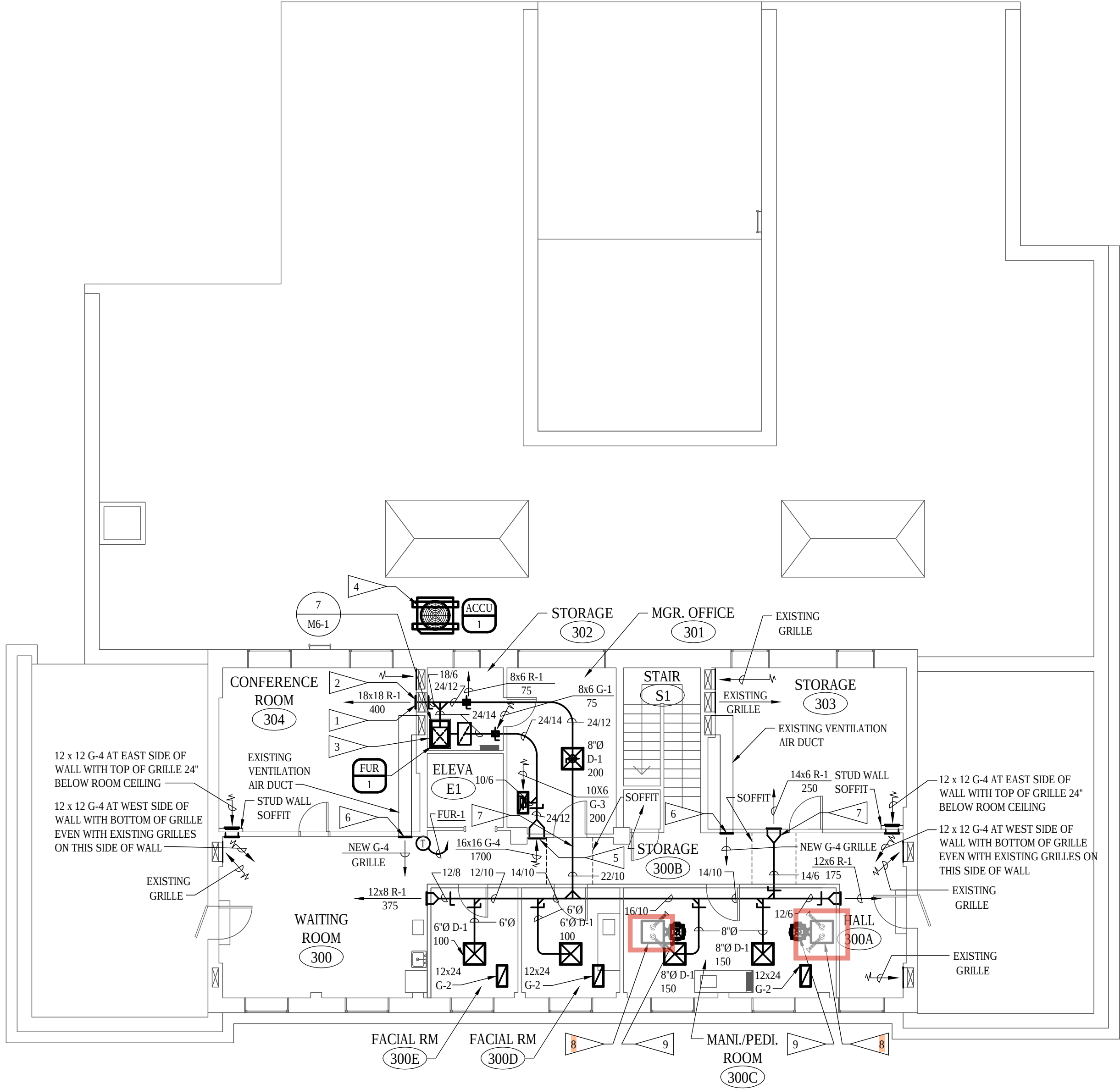
SIDEWALL RETURN AIR GRILLE AT CORRIDOR WALL.
- 6

PROVIDE NEW SIDEWALL VENTILATION AIR DISCHARGE GRILLES AT CORRIDOR WALL. CONTRACTOR SHALL VERIFY SIZE OF EXISTING GRILLES REMOVED AS PART OF DEMOLITION WORK AND PROVIDE NEW GRILLES WITH SIZE TO MATCH GRILLES REMOVED.
- 7

ROUTE DUCT ACROSS CORRIDOR IN ARCHITECTURAL SOFFIT AS HIGH AS POSSIBLE AS DUCTWORK PASSES BELOW EXISTING BEAM AT DOORWAY OF MANAGERS OFFICE.
- 8

PROVIDE AIR PURIFICATION SYSTEM FOR PEDICURE AND MANICURE STATIONS. SYSTEMS SHALL BE 'HEALTHY AIR' MODEL HA-CMSC-G2-3-WD OVERHEAD SUPPORTED SOURCE CAPTURE SYSTEMS. PROVIDE EACH SYSTEM WITH 2-QTY. 7-FOOT LONG x 3" DIAMETER SELF-SUPPORTING EXTRACTION HOSES WITH RECTANGULAR INLET HOODS WITH 50 CFM AIRFLOW PER HOOD. UNIT OPERATION SHALL BE THROUGH REMOTE CONTROL OPERATORS. EACH SYSTEM SHALL BE PROVIDED WITH PRE-FILTERS, HEPA FILTERS, CARBON ACTIVATED FILTERS AND 10 KV ELECTROSTATIC FIELD. SUSPEND/SUPPORT EACH UNIT FROM CONCRETE STRUCTURE ABOVE PER MANUFACTURER'S RECOMMENDATIONS (COORDINATE LOCATION WITH END USER). PROVIDE EACH AIR PURIFICATION SYSTEM OUTLET TRANSITION ALLOWING DUCTED CONDITION TO TO 6" DIAMETER EXHAUST DUCT.
- 9

PROVIDE EACH 6" DIAMETER EXHAUST DUCT WITH 120-VOLT MOTORIZED DAMPER TO OPEN WHEN AIR PURIFICATION SYSTEM IS ON AND CLOSE WHEN AIR PURIFICATION SYSTEM IS OFF. ROUTE EXHAUST AIR DUCTS UP TO EXHAUST HOOD HD-1 ON ROOF ABOVE. PROVIDE DUCT TRANSITION FROM ROUND DUCT TO CURB INLET AS REQUIRED.



THIRD FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

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NOTE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

FINAL CONSTRUCTION DOCUMENTS

A/E FIRM PRIME: KENNETH HAHN ARCHITECTS, INC. OMAHA, NE. SUBCONTRACTOR: ALVINE ENGINEERING OMAHA, NE.	DESIGNED: MRG	SUB SHEET NO. M2 - 4	TITLE OF SHEET THIRD FLOOR PLAN - HVAC BUCKSTAFF BATHHOUSE HVAC HOT SPRINGS NATIONAL PARK HOT SPRINGS, AK	DRAWING NO. XXX/XXXX
	DRAWN BY: MRG			PMIS NO. 177425
	TECH. REVIEW: BAH			SHEET
	DATE: 2/15/2024			22 OF 60

HealthyAir® Ceiling-Mount Source Capture System® Dual Station - Outside Exhaust

Model No.: HA-CMSC-G4-3-WD

Replacement Filter Model No.: HA-SERIES-1219-CM

Color: White

Unit Weight: 97 lbs.

Unit Dimensions: 23 $\frac{5}{8}$ " L x 23 $\frac{1}{2}$ " W x 15" H

Outside Vent Outlet Ports (2): 4" x 10" (Transition flange not included)

Outlet Vent Cover Plates (2): 4 $\frac{1}{2}$ " x 21 $\frac{5}{8}$ "

Inlet: Dual Inlet - (2) 3"Ø Inlet Port

Extraction Flex Hose: (2) 84"L, 3"Ø (Custom length hose available)

Extraction Hood: 4 $\frac{5}{8}$ "Ø Circular or 3 $\frac{5}{8}$ " x 6 $\frac{1}{8}$ " Rectangular

Fan Speed

High

Med

Low

Power Consumption (W)

275

251

196

CFM Total (Cubic Feet/Min.)

154

124

105

CFM Per Port (Cubic Feet/Min.)

77

62

53

Voltage/Frequency: 120V/60 HZ

Hard-wire electrical connection

Optional 3W LED Lighting system available

(4) Eyes bolts enable suspension of unit for flush mount in drop down ceiling

Complies with IMC Chapter 4 Ventilation Code Requirements

HealthyAir®
Source Capture Systems

Healthy Air Inc.

(800) 259-2535 Ext. 1

www.HealthyAir.com

Submittal

Date:

Submitted To:

Attention:

Address:

Tel:

Email:

Project

Quote No.:

Quote Date:

Purchase Order:

PO Date:

Invoice No.:

Invoice Date:

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Refer to the HealthyAir® Ceiling-Mount Source Capture® Air Purification System Manual for Installation Instructions.