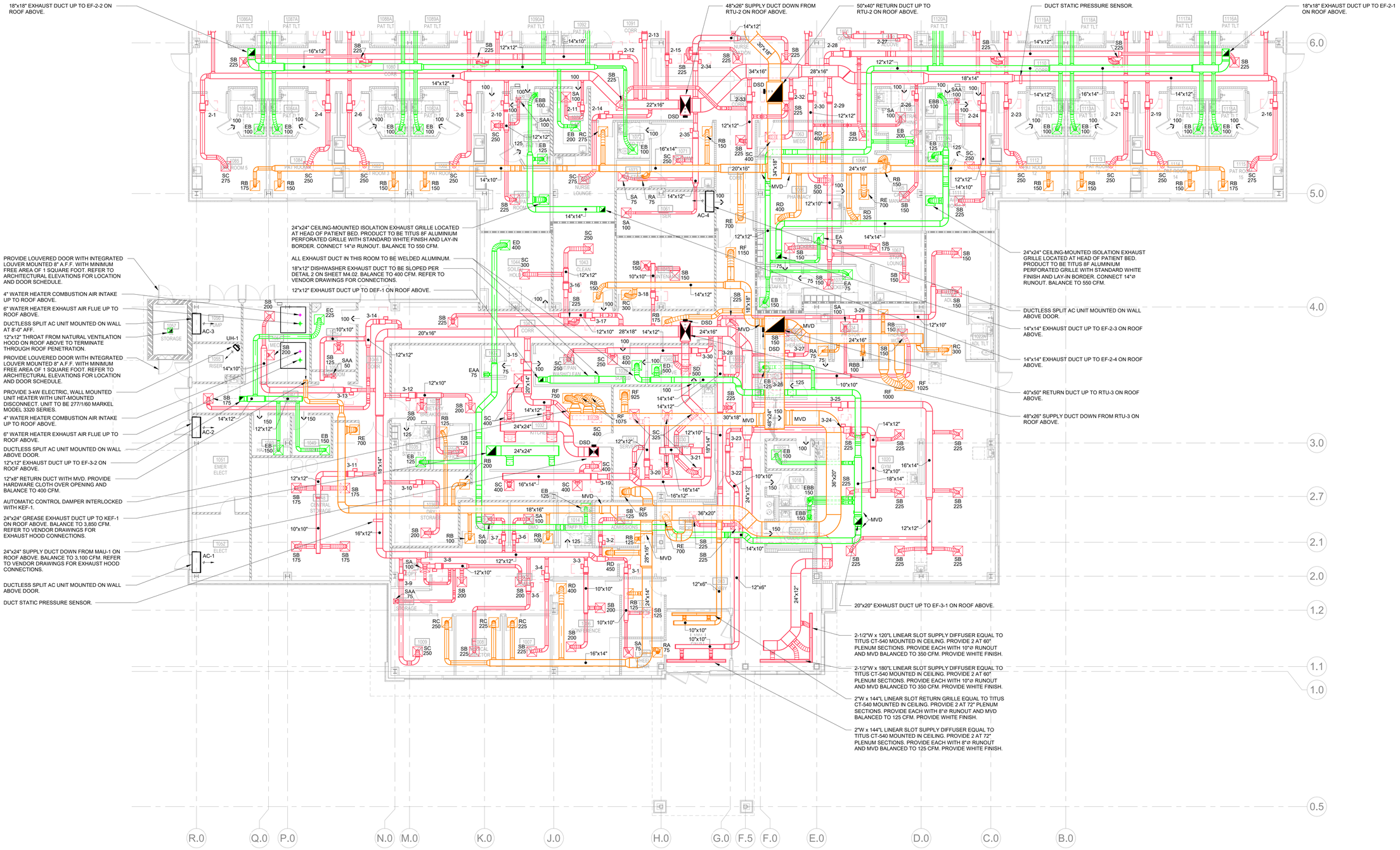
THE LINE SHOWN ABOVE IS EXACTLY ONE HOUR LONG AT 30 SCALE ORIGINAL PLOT SIZE



1 M1.01a HVAC - LEVEL 1 - AREA A
1/8" = 1'-0"

NEW CONSTRUCTION NOTES:

1. ALL DUCT AND PIPE TO BE INSTALLED AT A MINIMUM OF 6" CLEAR TO RATED WALLS TO ALLOW FOR INSPECTION OF PARTITION ASSEMBLIES. ALL UTILITIES SHALL BE LOCATED SO THAT ACCESS IS MAINTAINED TO ADJACENT WALL SURFACES AND TO ALL ACESS DOORS.

2. MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCE AROUND ELECTRIC VAV BOXES. MAINTAIN A MINIMUM OF 42" AROUND ELECTRIC VAV BOXES.

3. 1057 O2 STORAGE ROOM IS DESIGNED TO CONTAIN 2,244 CUBIC FEET OF OXYGEN PER PLUMBING DRAWINGS. PER NFPA-99, ONE OPENING WITHIN 1 FOOT OF THE FLOOR AND ONE OPENING WITHIN 1 FOOT OF THE CEILING IS REQUIRED, EACH SIZED AT A MINIMUM FREE AREA OF 24 SQUARE INCHES PER 1,000 CUBIC FEET OF FLUID STORAGE SHALL BE PROVIDED AND EACH OPENING SHALL BE NO LESS THAN 72 SQUARE INCHES FREE AREA. EACH DOOR LOUVER IS SIZED AT 144 SQUARE INCHES 8 INCHES FROM THE FLOOR AND THE NATURAL VENTILATION HOOD OPENING IN THE CEILING IS SIZED AT 144 SQUARE INCHES.

4. DUCT FIRE DAMPERS AT RATED WALLS ARE OMITTED FROM THIS PROJECT, WHICH SHALL BE CONSTRUCTED IN COMPLIANCE WITH 2023 FLORIDA MECHANICAL CODE SECTION 607.5.2 "FIRE DAMPERS ARE NOT REQUIRED AT PENETRATIONS OF FIRE BARRIERS WHERE ANY OF THE FOLLOWING APPLY" EXCEPTION 3:

   "SUCH WALLS ARE PENETRATED BY FULLY DUCTED HVAC SYSTEMS, HAVE A REQUIRED FIRE-RESISTANCE RATING OF 1 HOUR OR LESS, ARE IN AREAS OF OTHER THAN GROUP H AND ARE IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF THE INTERNATIONAL BUILDING CODE. FOR THE PURPOSES OF THIS EXCEPTION, A FULLY DUCTED HVAC SYSTEM SHALL BE A DUCT SYSTEM FOR THE STRUCTURE'S HVAC SYSTEM. SUCH A DUCT SYSTEM SHALL BE CONSTRUCTED OF SHEET STEEL NOT LESS THAN 26 GAGE [0.0217 INCH (0.55 MM)] THICKNESS AND SHALL BE CONTINUOUS FROM THE AIR-HANDLING APPLIANCE OR EQUIPMENT TO THE AIR OUTLET AND INLET TERMINALS. FLEXIBLE AIR CONNECTORS SHALL BE PERMITTED IN A FULLY DUCTED SYSTEM, LIMITED TO THE FOLLOWING INSTALLATIONS:

   NONMETALLIC FLEXIBLE CONNECTIONS THAT CONNECT A DUCT TO AN AIR HANDLING UNIT OR EQUIPMENT LOCATED WITHIN A MECHANICAL ROOM IN ACCORDANCE WITH SECTION 603.9.

   NONMETALLIC FLEXIBLE AIR CONNECTORS IN ACCORDANCE WITH SECTION 603.6.2 THAT CONNECT AN OVERHEAD METAL DUCT TO A CEILING DIFFUSER WHERE THE METAL DUCT AND CEILING DIFFUSER ARE LOCATED WITHIN THE SAME ROOM."

TRUE NORTH
PROJECT NORTH

BUILDING ELEMENTS
- NON-RATED WALL
- PARTITION CONSTRUCTED TO RESIST THE PASSAGE OF SMOKE
- 1 HR FIRE RATED BARRIER
- 1 HR FIRE RATED SMOKE BARRIER (SMOKE COMPARTMENT WALL)

ENVIRONMENTS FOR HEALTH ARCHITECTURE
e4h
817.226.1917 801 Cherry St. Ste. 500, Fort Worth, TX 76102
817.261.9441 e4harchitecture.com

© 2025 E4H - Environments For Health, LLC

exalt health
RYAN
ICT
I.C. Thomasson Associates, Inc.
A Salas O'Brien Company
2950 Kraft Drive
Nashville, TN 37204
PHONE 615-346-3400
https://www.ictthomasson.com/
ICT Project No. 2545-02546

FIRM CERTIFICATE OF AUTHORIZATION: CA-1276

ELECTRICAL ENGINEER
FLORIDA REGISTRATION:
JOSHUA R. CARTWRIGHT, P.E. #71893

MECHANICAL ENGINEER
FLORIDA REGISTRATION:
ZACHARY N. McCOY, P.E. #93060

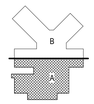
EXALT HEALTH 40 BED REHAB HOSPITAL - PANAMA CITY BEACH

2851 HWY 77
PANAMA CITY, FLORIDA 32405

PROJECT: H002125

Δ	DATE	DESCRIPTION

KEY PLAN:



NOT FOR CONSTRUCTION

ORIG SUBMISSION: 02/13/26
CURRENT:

SHEET TITLE AND NUMBER:

M1.01a

HVAC - LEVEL 1 - AREA A