

YUKON OFFICES BUILDING SUITE 403 A
MECHANICAL PLAN
 SCALE: 1/4" = 1'-0"

- NOTES:**
- 1.-EXISTING PARTIAL CEILING IS A R/A PLENUM AND THAT WAS CONSTRUCTED AND ONLY CONTAIN NON-COMBUSTIBLE MATERIAL WITH MAXIMUM RATINGS OF 25 FOR FLAME SPREAD AND 50 FOR SMOKE DEVELOPED INDEX.
 - 2.-EXISTING AC DUCTS (MAIN & ROUNDS) TO REMAIN.
 - 3.-EXISTING AC GRILLES (2-1" SLOTS) TO REMAIN.

PROTECTIONS FOR AIR HANDLER UNIT UNDER CEILING:
 (EXISTING BUT WILL BE VERIFY).

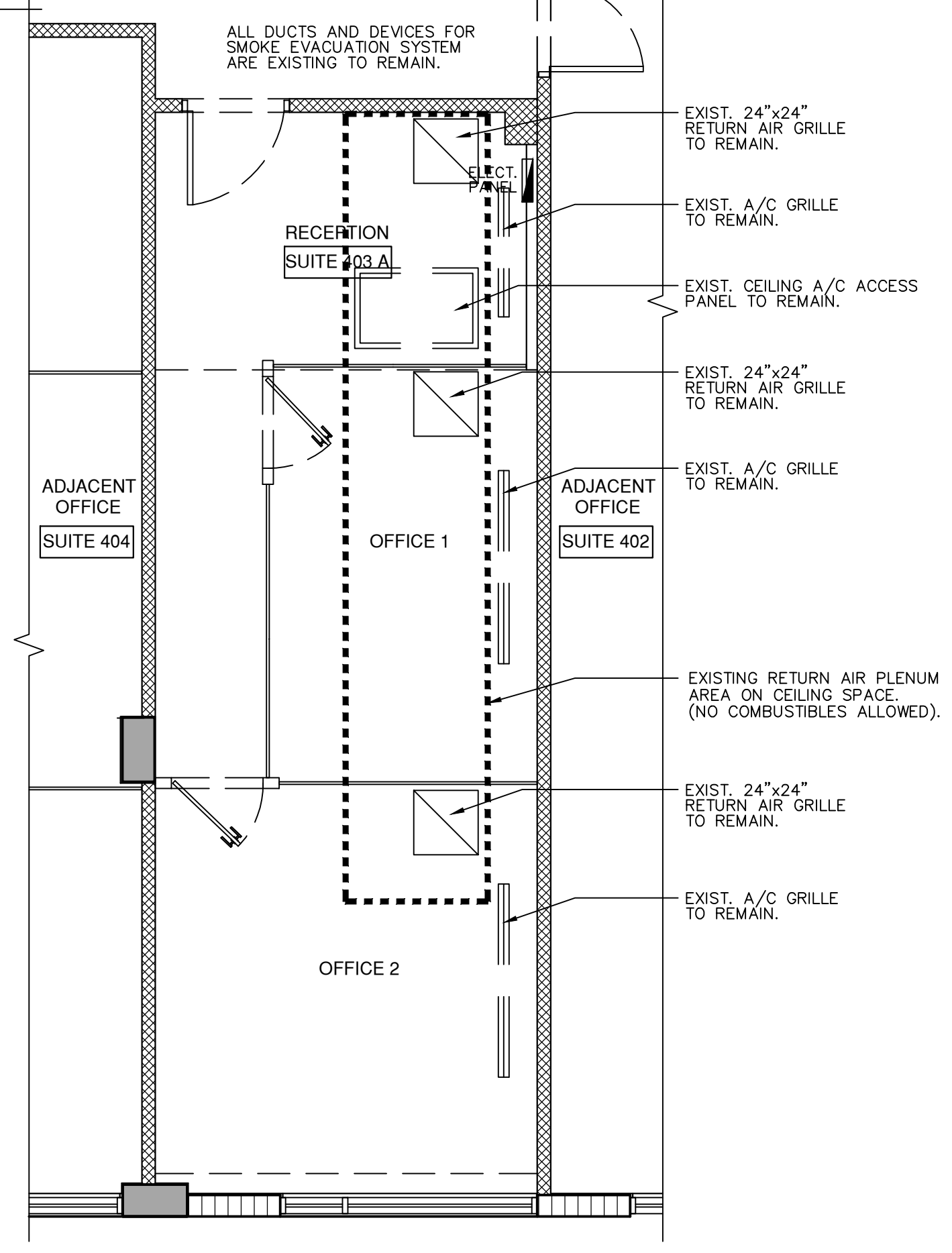
- AUXILIARY DRAIN PAN, 22 GA MIN. GALVANIZED STEEL WITH ALL WELDED SEAMS. PAN SHALL BE SUPPORTED FROM A.H.U. SUPPORT BASE AND OVERLAP UNIT 2" ALL AROUND.
- FLOAT SWITCH TO SHUT DOWN A.H.U. UPON ACTIVATION. THE FLOAT SWITCH TO BE INSTALLED ON THE SECONDARY CONDENSATE DRAIN CONNECTION TO THE UNIT.
- THE SERVICE PANEL OF THE EQUIPMENT IS LOCATED WITHIN 6 FEET OF AN ATTIC ACCESS.
- A DEVICE IS INSTALLED TO ALERT THE OWNER OR SHUT THE UNIT DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY.
- THE ATTIC ACCESS OPENING IS OF SUFFICIENT SIZE TO REPLACE THE AIR HANDLER.
- A NOTICE IS POSTED ON THE ELECTRIC PANEL INDICATING TO THE OFFICE OWNER THAT THE AIR HANDLER IS LOCATED IN THE ATTIC. SAID NOTICE SHALL BE IN ALL CAPITALS, IN 16 POINT TYPE, WITH THE TITLE AND FIRST PARAGRAPH IN BOLD:

NOTICE TO OWNER:
 A PART OF YOUR AIR-CONDITIONING SYSTEM, THE AIR HANDLER, IS LOCATED IN THE ATTIC. FOR PROPER, EFFICIENT AND ECONOMIC OPERATION OF THE AIR-CONDITIONING SYSTEM, YOU MUST ENSURE THAT REGULAR MAINTENANCE IS PERFORMED.

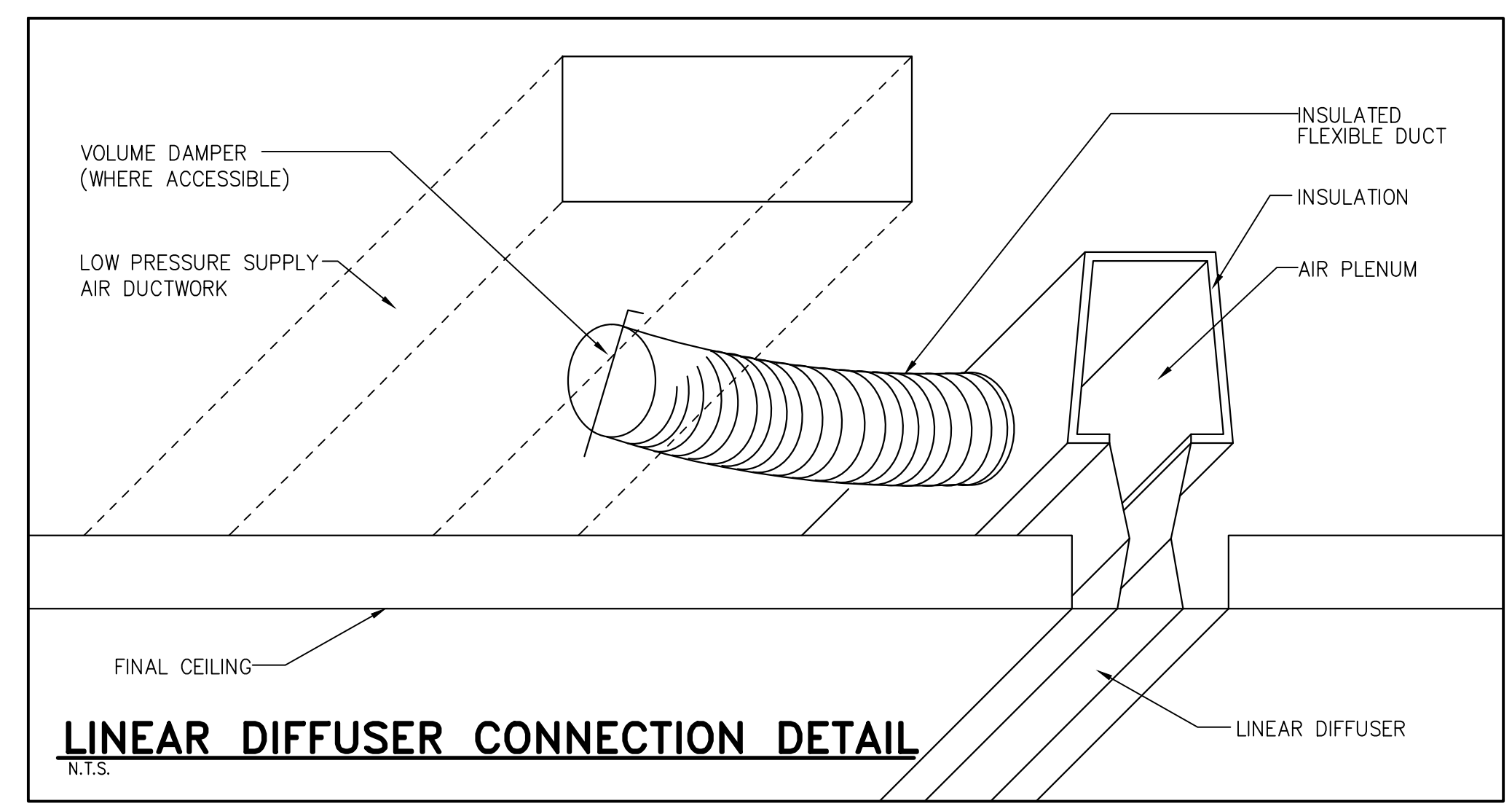
YOUR AIR-CONDITIONING SYSTEM IS EQUIPPED WITH ONE OR BOTH OF THE FOLLOWING:

- 1.-A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY OR...
- 2.-A DEVICE THAT WILL SHUT THE SYSTEM DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING.

-TO LIMIT POTENTIAL DAMAGE TO YOUR OFFICE, AND TO AVOID DISRUPTION OF SERVICE, IT IS RECOMMENDED THAT YOU ENSURE PROPER WORKING ORDER OF THESE DEVICES BEFORE EACH SEASON OF PEAK OPERATION.



HVAC DESIGN REQUIRES:	YES	NO
DUCT SMOKE DETECTOR		✓
FIRE DAMPER(S)		✓
SMOKE DAMPER(S)		✓
FIRE RATED ENCLOSURE		✓
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		✓
FIRE STOPPING		✓
SMOKE CONTROL		✓



- LEGEND**
- E DENOTE EXISTING TO REMAIN
 - E/R DENOTE EXISTING TO BE RELOCATED OR REMODELING
 - P PROPOSED A NEW ONE
 - R/A RETURN AIR

- NOTES:**
- 1.-THE AIR CONDITIONING SYSTEM IS EXISTING AND REMAIN THE SAME.
 - 2.-THE MAIN DUCTS AND AIR FLOW ARE EXISTING AND REMAIN THE SAME.
 - 3.-THE RETURNS AIR GRILLE/DUCTS ARE EXISTING AND REMAIN THE SAME.

- NOTES:**
- AT THESE REMODELING/RENOVATION WORK, THE WORKING DRAWINGS ARE CONSIDERED AS A GUIDE AND HAVE TO BE VERIFY AT FIELD, AS PER EXISTING CONDITIONS.
 - IF ANY DISCREPANCIES OCCUR BETWEEN EXISTING CONDITIONS, CONSTRUCTION DRAWINGS AND/OR DESIGN CONSULTANT DRAWINGS, THE CONTRACTOR NOTIFY TO ARCHITECT AND DESIGN CONSULTANT FOR DIRECTION PRIOR TO COMMENCING ANY WORK.

SCOPE OF WORK MECHANICAL
INTERIOR REMODELING & RENOVATION LEVEL II
FLORIDA BUILDING CODE 2020 7th EDITION

- THE AIR CONDITIONING SYSTEM (MACHINE, SUPPLY DUCTS AND GRILLES, RETURN DUCTS AND GRILLES AND OVERALL AIR FLOW) ARE EXISTING AND REMAIN THE SAME, AS PER PLAN.
- THE JOB CONSIST IN MAINTENANCE EXISTING MACHINE WITH SECURITY DEVICES, CLEAN EXISTING DUCTS AND REPLACE EXISTING FILTER.

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GEORGE FREJO, P.E.
 REGISTERED ENGINEER NO. 32578
 STATE OF FLORIDA C# 29796

DATE _____

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INTERIOR RENOVATION FOR:
YUKON OFFICES BUILDING
YANTRA 119 LLC.
SUITE No 403 A
 119 Washington Avenue, Miami Beach, FL 33139

JOB No. 2305 ROD
STARTED: 07/10/23
COMPLETED: 08/10/23

REVISION		
No.	DESCRIPTION	DATE

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