



01 ROOF PLAN - MECHANICAL
SCALE: 1/4" = 1'-0"

02 REF. MOUNTING DETAIL
SCALE: NONE

EQUIPMENT WEIGHTS

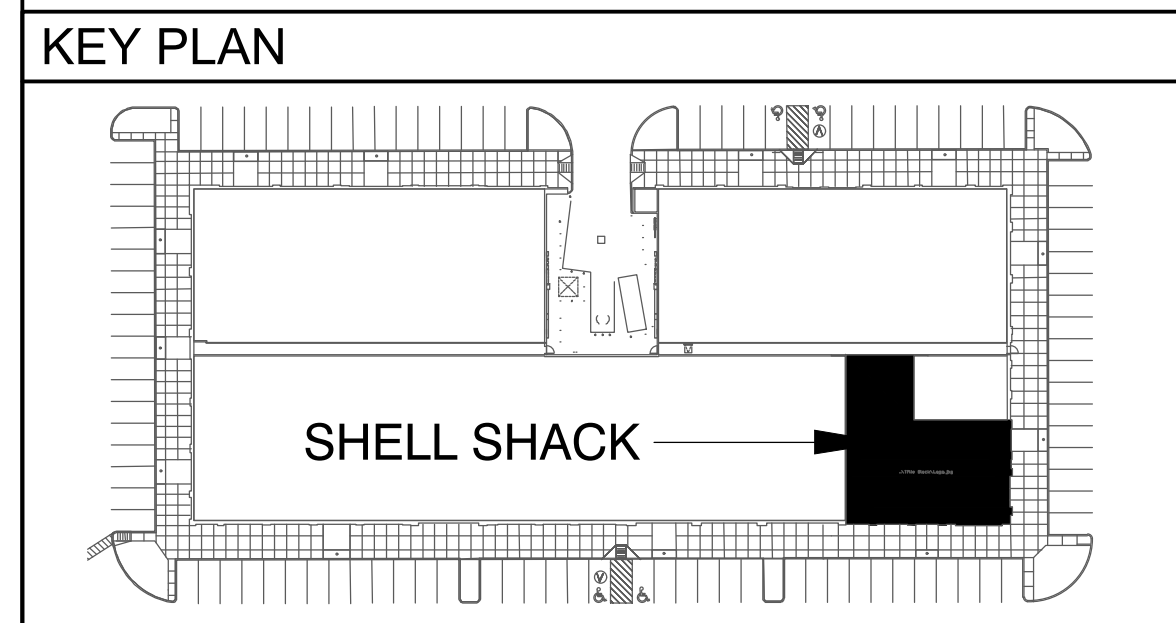
RTU-1	1,424 LBS
RTU-2	1,424 LBS
DOAS	2,800 LBS
EF-1	130 LBS
EF-2	130 LBS
EF-3	105 LBS
EF-4	45 LBS
KH-1	1017 LBS
KH-2	550 LBS
KH-3	145 LBS

GENERAL NOTES

- VERIFY THAT VENTS THRU ROOF ARE A MINIMUM OF 10'-0" AWAY FROM ALL OUTSIDE AIR INTAKES OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT ON THE ROOF.
- COORDINATE WITH STRUCTURE AND ALL MECHANICAL AND ELECTRICAL EQUIPMENT AND PIPING BELOW THE ROOF STRUCTURE.
- REFER TO ROOFTOP UNIT SCHEDULE ON SHEET M3.1 FOR ROOFTOP UNIT WEIGHTS.
- REFER TO FOOD SERVICE DRAWINGS FOR HOOD EXHAUST FAN AND MAKE-UP AIR UNIT WEIGHTS.
- REFER TO EXHAUST FAN SCHEDULE ON SHEET M3.1 FOR EXHAUST FAN WEIGHTS(EF-4 & 8).

SHEET KEY NOTES #

- ROOFTOP UNIT ON FULL PERIMETER CURB. PROVIDE FULLY INSULATED CURB ADAPTOR FOR RTU-1 WHERE UNIT IS LOCATED ON EXISTING CURB. A NEW CURB SHALL BE PROVIDED FOR RTU-2.
- DOAS DEDICATED OUTDOOR AIR UNIT MOUNTED ON A FULL PERIMETER ROOF CURB. PROVIDE FULLY INSULATED CURB ADAPTOR WHERE UNIT IS LOCATED ON EXISTING CURB. REFER TO HOOD DRAWINGS FOR MORE INFORMATION.
- MAKEUP AIR DUCT FROM DOAS UNIT DOWN TO CEILING BELOW. SEE MECHANICAL FLOOR PLAN SHEET FOR CONTINUATION.
- RESTROOM EXHAUST FAN, MOUNTED ON A FULL PERIMETER ROOF CURB. FIELD INSULATE CURB.
- EXHAUST FLUE OUTLET FROM GAS FIRED WATER HEATER DOWN BELOW. MAINTAIN MINIMUM 10FT FROM ANY OUTDOOR INTAKE.
- KITCHEN EXHAUST HOOD SUSPENDED FROM STRUCTURE BELOW.
- KITCHEN HOOD EXHAUST FAN, MOUNT ON FULL PERIMETER NON-COMBUSTIBLE ROOF CURB. INTERLOCK WITH HOOD CONTROLS. FAN DISCHARGE SHALL BE A MINIMUM OF 2" ABOVE PARAPET.
- REMOTE CONDENSERS FOR COOLER, FREEZER AND ICE MACHINE. FURNISHED WITH THE KITCHEN EQUIPMENT AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- ROOF RAIL FOR CONDENSING UNIT SUPPORT. REFER TO DETAIL ON SHEET M3.0.
- REFRIGERANT LINE ROOF PENETRATION. REFER TO DETAIL ON SHEET M3.0.
- SERVICE CLEARANCE FOR MECHANICAL EQUIPMENT, TYPICAL.
- SUPPLY AIR DUCT DOWN THROUGH ROOF. REFER TO MECHANICAL PLAN FOR CONTINUATION. TYPICAL.
- RETURN AIR DUCT DOWN THROUGH ROOF. REFER TO MECHANICAL PLAN FOR CONTINUATION. TYPICAL.
- EXHAUST DUCT DOWN THROUGH ROOF. REFER TO MECHANICAL PLAN FOR SIZE AND CONTINUATION.
- 10'-0" MINIMUM EXHAUST CLEARANCE TO ANY OUTDOOR AIR INTAKE. TYPICAL.
- SEE PLUMBING DRAWINGS FOR CONDENSATE AND GAS PIPE ROUTING, SIZES, AND DETAILS.



ARCHITECT

CIVITARESE | MORGAN
ARCHITECTURE
3341 REGENT BLVD. SUITE 130-321
IRVING, TEXAS 75063
TEL: 214-613-0680 FAX: 469.730.3341

ENGINEER:

The Roberts Group PSC
239-C Southland Drive - Lexington, KY 40503
859-276-2006 / 859-276-2901 Facsimile
ENGINEER BUSINESS REGISTRATION #F-3328

SEAL

07-08-2025
ARCHITECTURAL PROJECT NO.: 115-01

4000 FIVE POINTS BLVD.
SUITE 101
ARLINGTON, TX 76018

NO.	REVISIONS:	DATE:

TENANT REVIEW ISSUE DATE: 07.08.25
LANDLORD REVIEW ISSUE DATE: 07.08.25
PERMIT ISSUE DATE: 07.08.25
BID ISSUE DATE: 07.08.25
CONSTRUCTION ISSUE DATE: XX.XX.25

DRAWING TITLE:
ROOF PLAN - MECHANICAL

DRAWING NUMBER:
M2.1

ISSUED FOR PERMIT 07/08/2025