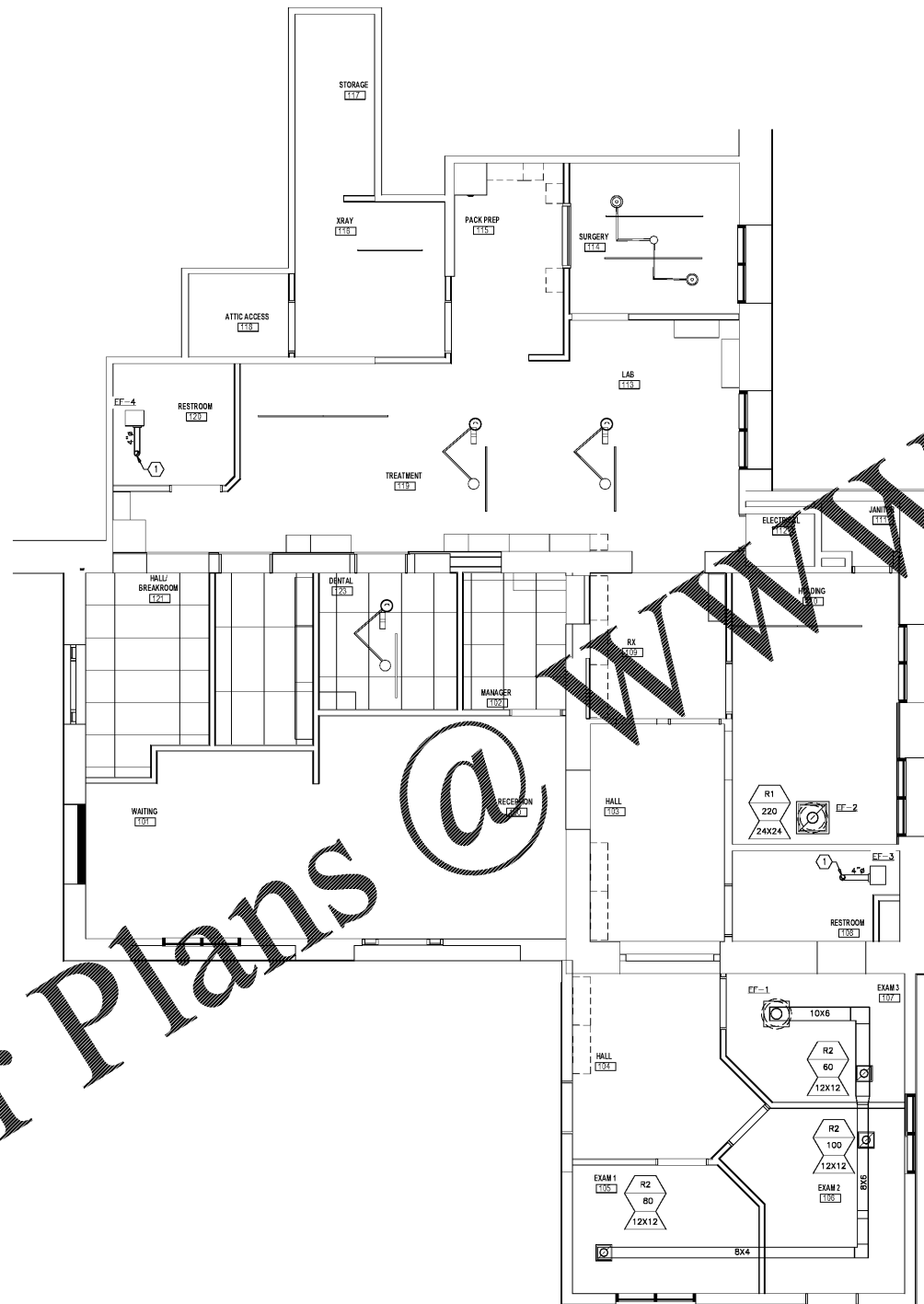


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- GENERAL NOTES**
- NEW DUCTWORK SHALL BE INSTALLED USING THE FOLLOWING MATERIALS:
 - RIGID: GALVANIZED SHEET METAL, IN ACCORDANCE WITH ASHRAE AND SMACNA REQUIREMENTS FOR LOW PRESSURE DUCTWORK (1" WC)
 - WRAP: 1.5" THICK, 3/4 LB. DENSITY FIBERGLASS INSULATION WITH VAPOR BARRIER JACKET.
 - FLEXIBLE: WIREMOLD TYPE WCK OR EQUAL FLEXIBLE CLASS 1 AIR DUCT, 1.5" THICK, 3/4 LB. DENSITY FIBERGLASS INSULATION AND FIRE RETARDANT REINFORCED METALIZED POLYESTER FILM LAMINATED ON SHEET WIRE REINFORCING, WITH 1.5" VAPOR BARRIER (H-VINTL) AND SHALL MEET NFPA 90A AND UL STANDARD 181.
 - NEW DUCTWORK INSULATION SHALL BE INSTALLED USING THE FOLLOWING MATERIALS:
 - WRAP: 1.5" THICK, 3/4 LB. DENSITY FIBERGLASS INSULATION WITH VAPOR BARRIER JACKET.
 - ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL, CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN SUBJECT TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIED FOR FIRE STOPS ASTM-E814.
 - DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
 - ALL EXHAUST DISCHARGE SHALL BE 3'-0" FROM PROPERTY LINE, 10'-0" FROM OPERABLE OPENINGS INTO BUILDING, AND 10'-0" FROM MECHANICAL AIR INTAKES PER IMC 501.3.1.
 - EXHAUST OPENINGS THAT TERMINATE OUTDOORS SHALL BE PROTECTED AGAINST CORROSION-RESISTANT SCREENS, LOUVERS, OR GRILLES. OPENINGS IN SCREENS, LOUVERS, AND GRILLES SHALL BE SIZE RATIO LESS THAN 1/4" AND NOT LARGER THAN 1/2". OPENINGS SHALL BE PROTECTED AGAINST LOCAL WEATHER CONDITIONS. LOUVERS FOR EXHAUST OPENINGS IN STRUCTURES LOCATED IN HURICANE PRONE AREAS AS DEFINED IN THE INTERNATIONAL BUILDING CODE, SHALL COMPLY WITH NFPA STANDARD 550. OUTDOOR OPENINGS LOCATED IN EXTERIOR WALLS SHALL MEET THE PROVISIONS FOR EXTERIOR WALL PENETRATIONS IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, IMC 501.3.2.
 - CONTRACTOR TO ENSURE ALL EXHAUST OUTLETS ARE MINIMUM DISTANCE OF 10'-0" FOR ANYSIDE AIR INTAKE.

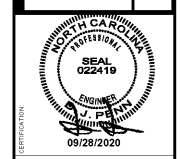
- KEY NOTES**
- FURNISH AND INSTALL 4" EXHAUST DUCT UP THROUGH ROOF WITH BUILT IN BACKDRIFT DAMPER AND BIRD SCREEN, TERMINATE WITH ROOF CAP.
 - FURNISH AND INSTALL 6" EXHAUST DUCT UP THROUGH ROOF WITH BUILT IN BACKDRIFT DAMPER AND BIRD SCREEN, TERMINATE WITH ROOF CAP.
 - FURNISH AND INSTALL 8" EXHAUST DUCT UP THROUGH ROOF TO ROOF MOUNTED EXHAUST FAN WITH BUILT IN BACKDRIFT DAMPER.
 - FURNISH AND INSTALL 4" CONCENTRIC VENT PIPE FOR WATER HEATER EXHAUST THROUGH ROOF.
 - FURNISH AND INSTALL 4" RIGID DRYER DUCT TO EXTERIOR WITH WEATHER HOOD CAP, HINGED DAMPERS, AND BIRD SCREEN.
 - FURNISH AND INSTALL 10" EXHAUST DUCT UP THROUGH ROOF TO ROOF MOUNTED EXHAUST FAN WITH BUILT IN BACKDRIFT DAMPER.

FLOOR PLAN - MECHANICAL WORK (EXHAUST)
SCALE: 1/4" = 1'-0"



FAMILY VET GROUP

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ASHEVILLE, NC 28809
MECHANICAL WORK (EXHAUST)



NO.	REVISION	DATE	BY	CHKD.

PROJECT NUMBER: M2.0
PROJECT NAME: MECHANICAL WORK (EXHAUST)
SHEET: M2.0

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