GENERAL MECHANICAL NOTES

ORDINATE INSTALLATION OF DUCTWORK, PIPING, FIXTURES, EQUIPMENT, ETC. W

ECTRICAL AND FIRE PROTECTION SYSTEMS PRIOR TO INSTAIL ATION

PROVIDE CEILING ACCESS PANELS FOR ALL DUCT DAMPERS OR CONCEALED VOLUME DAMPER REGULATORS LOCATED ABO INACCESSIBLE CEILING SYSTEMS. MAINTAIN FIRE RATINGS WHERE REQUIRED.

INSTALL THERMOSTATS AT 4'-0" A.F.F. PER ADA REQUIREMENTS UNLESS OTHERWISE NOTED ON DRAWINGS. 4'-0" DIMENSION TO THE TOP OF THE THERMOSTAT.

COORDINATE EXACT LOCATION OF ALL CEILING GRILLES AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, ARCHITECTURAL INTERIOR ELEVATIONS, LIGHTING, AND STRUCTURAL CONDITIONS. ARCHITECTURAL PLANS TO PROVIDE FIN GRILLE AND DIFFUSER LOCATIONS IN THE EVENT OF A CONFLICT.

E. ALL WORK PERFORMED AND MATERIAL SUPPLIED SHALL CONFORM TO ALL STATE AND LOCAL CODES AND ALL OTHER APPLICABLE
LAWS AND STATE REGULATIONS INCLUDING APPLICABLE SEISMIC ZONE REQUIREMENTS.

F. MAINTAIN ALL OUTSIDE AIR INTAKE OPENINGS MINIMUM 10°-0" FROM ALL MECHANICAL VENTS, PLUMBING VENTS AND EXHAUST FANS.

G. CONTRACTOR TO TEMPORARILY INSTALL 2" THICK 60% EFFICIENT FILTERS AT ALL RETURN AIR GRILLE LOCATIONS. FILTERS TO BE REMOVED AT CONCLUSION OF CONSTRUCTION.

H. PAINT ALL DIFFUSERS, REGISTERS AND GRILLES PER ARCHITECTURAL INSTRUCTIONS. ANY GRILLES INSTALLED IN GYPSUM BOARD WALLS AND CEILINGS ARE TO BE FURNISHED WITH FACTORY MILL OR PRIMER FINISH, READY FOR PAINTING IN THE FIELD.

J. MAINTAIN REQUIRED CLEARANCES TO COMBUSTIBLE CONSTRUCTION AS SPECIFIED IN THE LISTING AND MANUFACTURER'S INSTRUCTION, OTHER EQUIPMENT, VENTING SYSTEMS, PIPING, OR DUCTS CONNECTED TO THE EQUIPMENT BEING SERVICED.

K. EQUIPMENT TO BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION, OTHER EQUIPMENT, VENTING SYSTEMS, PIPING, OR DUCTS CONNECTED TO THE EQUIPMENT BEING SERVICED.

K. EQUIPMENT TO BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMAN CONSTRUCTION, OTHER EQUIPMENT, VENTING SYSTEMS, PIPING, OR DUCTS CONNECTED TO THE EQUIPMENT BEING ST. M. MINIMUM DISTANCE OF 3-0" BETWEEN ALL EXHAUST OUTLETS AND DOORS/OPERABLE WINDOWS.

M. PROVIDE ONE BALANCING DAMPER FOR EACH AIR INLET/OUTLET SHOWN ON PLAN. WHERE DAMPER IS LOCATED ABCITING, PROVIDE REMOTE CABLE CONTROL FOR DAMPER.

N. FOR ALL DUCT CONNECTIONS TO MECHANICAL EQUIPMENT, PROVIDE TRANSITION FROM DUCT SIZE SHOWN TO EQUIPMENT THROW OF ALL AIR DEVICES TO NOT INTERFERE WITH LIGHTING.

P. INSTALL ALL EQUIPMENT SUCH THAT MANUFACTURER RECOMMENDED CLEARANCES ARE MAINTAINED.

Q. DETAILS APPLY WHETHER REFERENCED ON THE DRAWINGS OR NOT.

R. INSTALL 1.5X RADIUS ELBOWS WHERE SPACE ALLOWS. OTHERWISE INSTALL MITERED ELBOWS WITH TURNING VANES WITH SPECIFICATIONS.

R. INSTALL 1.5X RADIUS ELBOWS WHERE SPACE ALLOWS. OTHERWISE INSTALL MITERED ELBOW WITH SPECIFICATIONS.

S. DUCTS, PIPING, AND EQUIPMENT TO BE INSTALLED AS HIGH AS POSSIBLE IN SPACES UNLESS OF COORDINATE WITH STRUCTURAL DRAWINGS FOR ALL SLAB AND WALL PENETRATIONS.

U. SUPPORT EQUIPMENT, DUCTS, PIPING AS SPECIFIED AND AS SHOWN IN DETAILS. ENSURE EQUIPMENT, DUCTS, PIPING AS SPECIFIED AND AS SHOWN IN DETAILS. ENSURE EQUIPMENT THE INSIDE OF DUCTS ARE VISIBLE FROM GRILLES OR DIFFUSERS, PAINT VISIBLE POR W. PENETRATIONS THRU RATED ASSEMBLIES TO BE APPROPRIATELY SEALED.

PLANS APPROVED

BY CITY OF GALLUP, N.M.
BUILDING DEPARTMENT

APPROVED AS NOTED

M0.1

SHEET INDEX
SYMBOL LIST AND GENERAL NOTES - I

FIRST FLOOR PLAN - MECHANICAL SECOND FLOOR PLAN - MECHANIC ROOF PLAN - MECHANICAL

**HAVEN LIVING** 

AUG 28 2023

CITY OF GALLUP
PLANNING & DEVELOPMENT
BY MT TIME: 2-7262N

3009 W HISTORIC HWY 66 GALLUP, NM 87301

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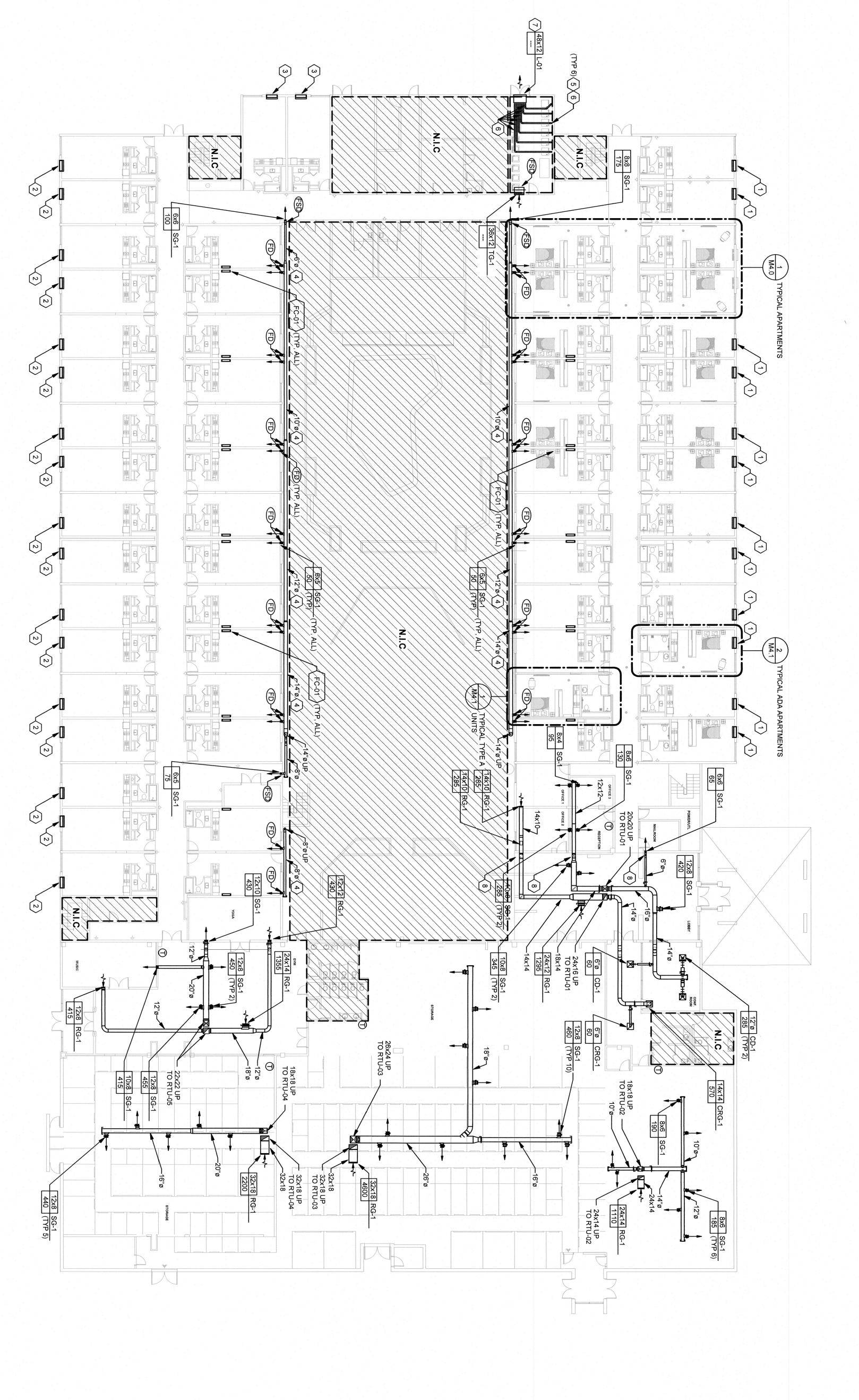
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TERFACE

ES CALCULATED IN ACCORDANCE WITH SENT OF THE SENT OF T	NOTES:    NOTES:   NINIMUM VENTILATION RATES CALCULATED IN ACCORDANCE WITH SECTION 402.0 OF THE 2021 NEW MEXICO MECHANICAL CODE    NOTES:   NINIMUM VENTILATION RATES CALCULATED IN ACCORDANCE WITH SECTION 402.0 OF THE 2021 NEW MEXICO MECHANICAL CODE    NET	According   Acco	1) SIZE UNITS FOR ELEVATION OF 6,500 FT ABOVE SEA LEVEL. 2) PROVIDE UNIT WITH FULLY PACKAGED DDC CONTROLS, CAPABLE OF STAND ALONE OPERATION. 3) PROVIDE FACTORY MOUNTED AND WIRED 110 V POWER SUPPLY FOR LIGHTING AND RECEPTACLES PROVIDE UNIT WITH DEHUMIDIFICATION AND HOT GAS REHEAT, SIZED TO PROVIDE NEUTRAL AIR CON PROVIDE WITH FACTORY ROOF CURB. 6) PROVIDE WITH TYPE 409 STAINLESS STEEL HEAT EXCHANGER, DESIGNED FOR 100% OUTSIDE AIR OP UNIT LOCATED ON EXISTING ROOF CURB. FIELD VERIFY EXISTING ROOF CURB DIMENSIONS AND PROVIDE OF THE PROVIDE OF T	PPLY FAN FAN TYPE PLENUM 0.7 PLENUM 0.64 PLENUM 0.86 ENTRIFUGAL 0.81 PLENUM 1.87 PLENUM 0.7
SYMBOL  CG-1  CGLING SUPPLY GRILLE  3/4" BAR SPA  ROTES.  1)  PROVIDE FINISH TO MATCH EXPOSED DUCTWORK  PROVIDE FIRE RATED ASSEMBLY OPTION WHERE INDICATED V  COORDINATE WITH ARCHITECT/OWNIER FOR FIRE  NOTES:  1)  COORDINATE WITH ARCHITECT/OWNIER FOR FIRE  1)  COORDINATE WITH ARCHITECT/OWNIER FOR FIRE  1)	THEAT PLAT PLAT AUX G HTG (KW) STAGE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DASIS OF DESIGN   TONS   OTY   SANO MAN   ASSOC MAN	ON EXISTING CURB. PROVIDE THROUGH-THE-CURB ELECTRICAL CONNECTIONS.  CONDENSING UNIT SCHEDULE	FAN   FAN   VFD   CAP   CAP

FIRE DAMPER AND F/S DAMPER DETAILS
MUST BE SUPPLIED AT JOBSITE PRIOR TO
INSTALL, AND MUST BE SUBMITTED WITH AS
BUILTS TO OWNER

PROJECT CONTACT 100 SW M Portland, TEL 503.3 www.inter



A. VERIFY LOCATIONS, DI

SHEET NOTES

IN DIMENSIONS, ELEVATIONS, ETC. OF EXISTING STILITIES. CONDITIONS SHOWN ON THE PLANS WORK TO BE PERFORMED ARE BASED ON THE BESTABLE BUT ARE SUBJECT TO VERIFICATION.

INCIES CAUSED BY FAILURE TO PERFORM SUCH NO EXPENSE TO OWNER. IMMEDIATELY NOTIFY NOTIFON IN CONFLICT WITH THE PLANS.

IN TERFACE

- PROVIDE PTHP-02 FOR SOUTH FACING PERIMETER APARTMENTS.
  REFER TO DETAIL 1/M7.1.

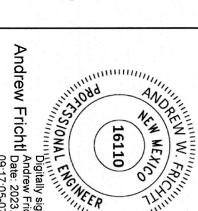
  PROVIDE PTHP-03 FOR WEST FACING PERIMETER APARTMENTS.
  REFER TO DETAIL 1/M7.1.

  INSTALL BOTTOM OF DUCTWORK ABOVE TOP OF WINDOW GLAZING SO DUCT IS NOT VISIBLE FROM INSIDE OF UNIT.

  PROVIDE 6 NEW DRYER EXHAUST CONNECTIONS. REFER TO DETAIL M7.1. PROVIDE MAKE-UP AIR THROUGH TRANSFER GRILLE FROM CORRIDOR. PROVIDE EXHAUST AIR LOUVER AND PLENUM. ROUTE ALL DRYER EXHAUST FROM DRYER, UP THROUGH WALL TO ABOVE CEILING SPACE, AND OVER TO EXHAUST AIR PLENUM. TERMINATE AT PLENUM WITH BACKDRAFT DAMPER.

- ONSTRUCT DRYER EXHAUST DUCT WITH ALUMINUM SHEET METAL, INIMUM 24 GAUGE. SUBSTANTIALLY AIRTIGHT DUCT EXCEPT FOR PENINGS REQUIRED FOR OPERATION AND MAINTENANCE. DUCT TO AVE SMOOTH INTERIOR SURFACE. DO NOT ASSEMBLE WITH SHEET ETAL SCREENS, SCREWS, OR OTHER DEVICES THAT EXTEND INTO 1E AIRSTREAM.

  ROVIDE 2' DEEP PLENUM ON BACK OF LOUVER. PROVIDE CONICAL DANACTIONS FROM DRYER EXHAUST DUCT TO LOUVER. ALIGN DUVER, CENTERLINE TO CENTERLINE, ABOVE DOOR BELOW. ROVIDE HINGE ACCESS ON LOUVER FOR LINT REMOVAL. NO DREENS ARE PERMITTED.

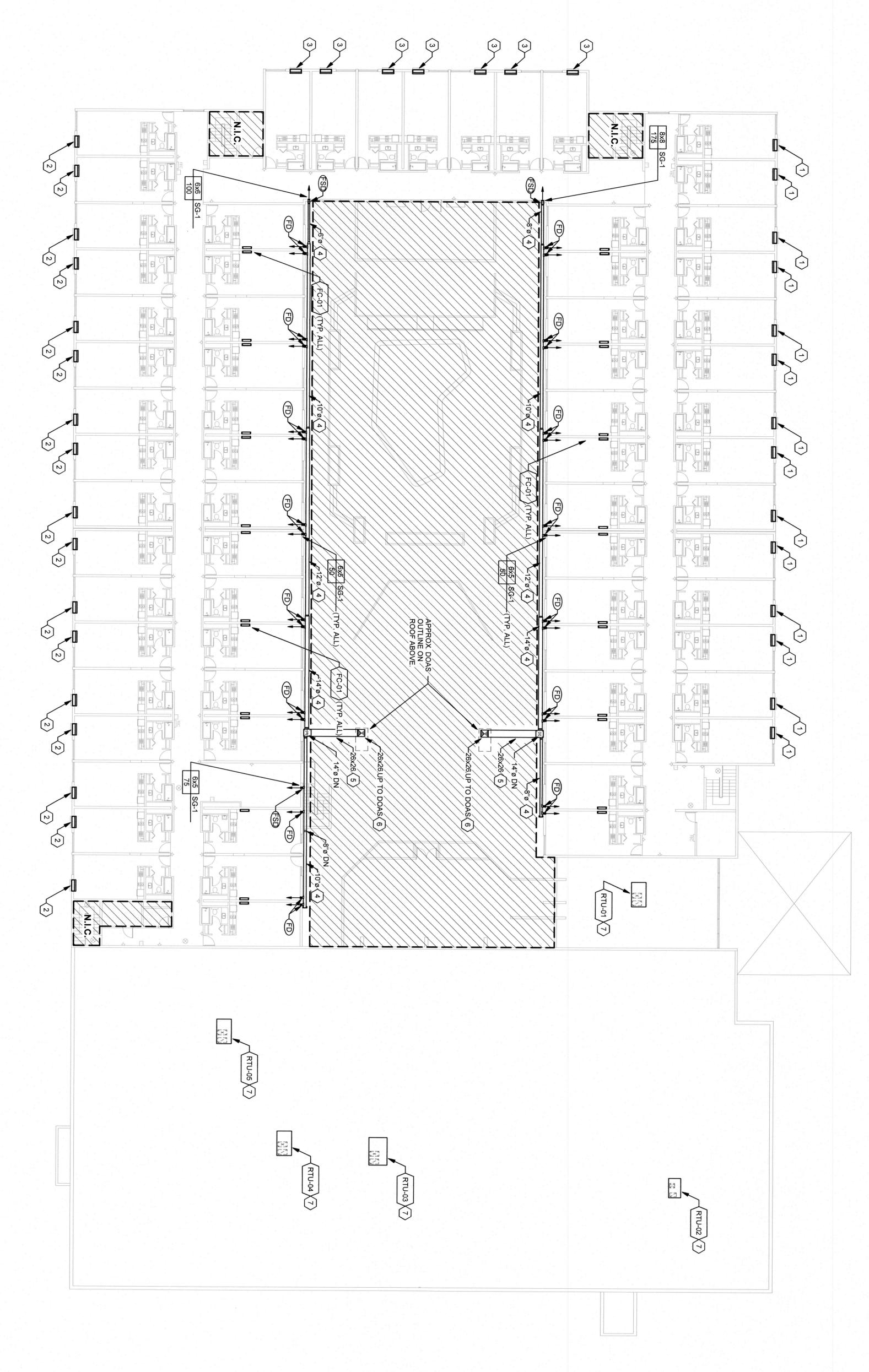


FIRST FLOOR PLAN -MECHANICAL HAVEN LIVING 3009 W HISTORIC HWY 66 GALLUP, NM 87301

FLOOR PLAN - MECHANICAL



SECOND FLOOR PL



## SHEET KEYNOTES

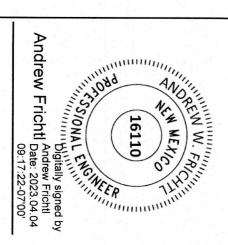
PROVIDE PTHP-02 FOR SOUTH FACING PERIMETER REFER TO DETAIL 1/M7.1.

PROVIDE PTHP-03 FOR WEST FACING PERIMETER REFER TO DETAIL 1/M7.1.

INSTALL BOTTOM OF DUCTWORK ABOVE TOP OF DUCT IS NOT VISIBLE FROM INSIDE OF UNIT.

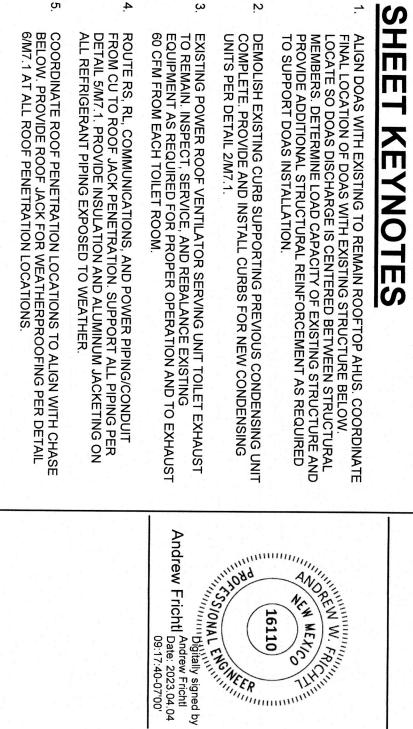
INSTALL DUCT IN BETWEEN STRUCTURAL FRAMIN UNDERSIDE OF ROOF ABOVE, FOLLOWING ANGLE STRUCTURE. LOCATE SO DOAS DISCHARGE IS CESTRUCTURAL MEMBERS. DETERMINE LOAD CAPA STRUCTURE AND PROVIDE ADDITIONAL STRUCTURE ROUP PROVIDE ADDITIONAL STRUCTURE REINFORCEMENT AS REQUIRED TO SUPPORT INSIDE OF EXACT EXISTING CURB DIMENSIONS. PROVIDE CUMOUNT NEW RTU ON EXISTING CURB.

ENG NEERING



 $\bigcirc$  $\bigcirc$ 

A. VERIFY LOCATIONS, DIMENSIONS, ELEVATIONS, ETC. OF EXISTING CONDITIONS AND UTILITIES. CONDITIONS SHOWN ON THE PLANS RELATIVE TO THE WORK TO BE PERFORMED ARE BASED ON THE BEST INFORMATION AVAILABLE BUT ARE SUBJECT TO VERIFICATION. CORRECT DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS AT NO EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITION IN CONFLICT WITH THE PLANS.



PROJECT 2022-1135
CONTACT PAUL HALLOWELL

100 SW Main Street, Suite 1600
Portland, OR 97204
TEL 503.382.2266
www.interfaceengineering.com

NIERFACE

M1.2

- MECHANICAL

AUG 28 2023

CITY OF GALLUP

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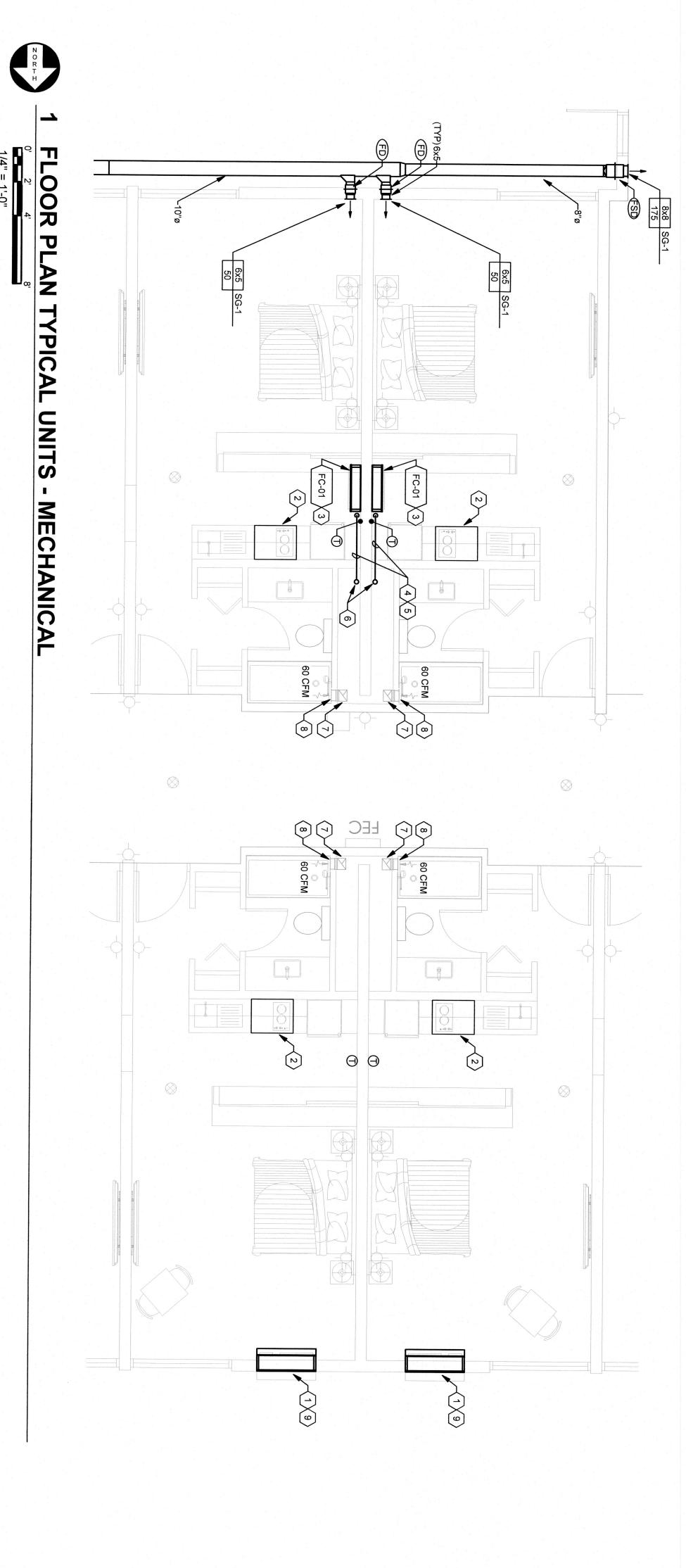
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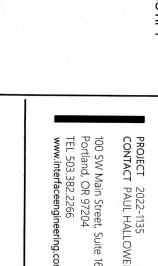
CITY OF GALLUP
PLANNING & DEVELOPMENT
BY: DT TIME: 3: 2600M



SHEET KEYNOTES

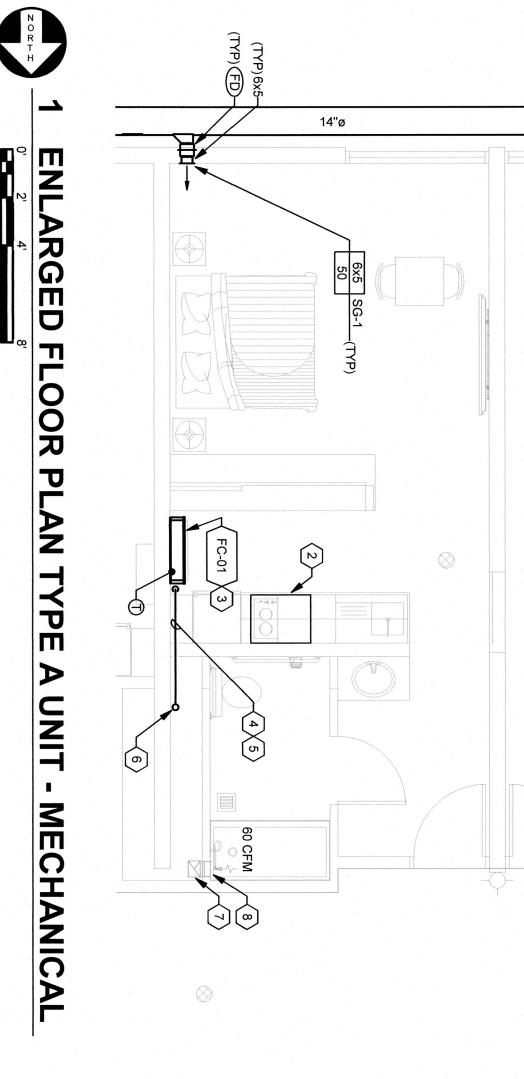
3. PROVIDE WALL MOUNTED FAN COIL UNIT FOR ALL INTERIOR UNITS.
INSTALL HIGH ON WALL, MAINTAINING ALL MANUFACTURER
RECOMMENDED CLEARANCES FOR AIRFLOW AND MAINTENANCE.
4. ROUTE RS, RL, COMMUNICATIONS, POWER, AND PUMPED
CONDENSATE PIPING/CONDUIT FROM FC TO CHASE, CONSOLIDATED
IN SINGLE CONDUIT, EXPOSED, TIGHT ALONG WALL AND TO
UNDERSIDE OF STRUCTURE.
5. ROUTE PUMPED CONDENSATE FROM FC TO NEAREST DRAIN OR
APPROVED SINK TAILPIECE. COORDINATE WITH PLUMBING
CONTRACTOR.
6. PIPING/CONDUIT UP TO ROOF. COORDINATE FINAL LOCATION WITH
EXISTING TO REMAIN EXHAUST BUCT RISER UP TO POWERED ROOF
VENTILATOR ON ROOF.
7. EXISTING TO REMAIN EXHAUST GRILLE FOR TOILET EXHAUST.
REBALANCE TO ORIGINAL DESIGN AIRFLOW, 60 CFM.
9. UNIT OUTSIDE VENTILATION AIR PROVIDED BY CONTINUOUSLY
OPERATING VENT KIT, INTEGRAL TO PTHP.

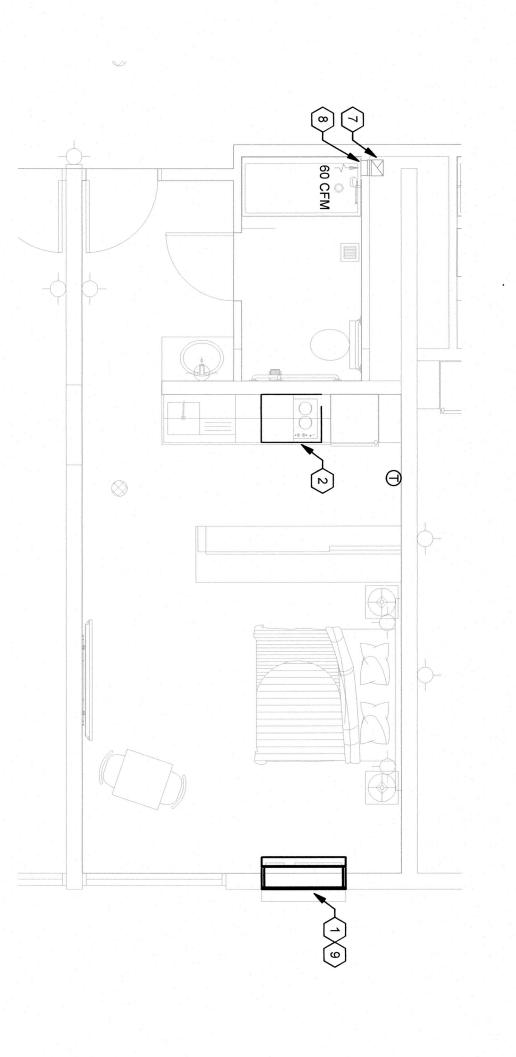






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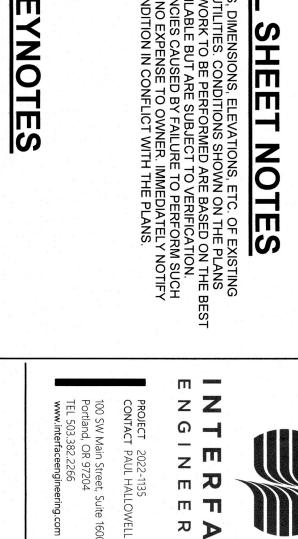




ARGED FLOOR PLAN TYPE

A UNIT - MECHANICAL

3. PROVIDE WALL MOUNTED FAN COIL UNIT FOR ALL INTERIOR UNITS.
INSTALL HIGH ON WALL, MAINTAINING ALL MANUFACTURER
RECOMMENDED CLEARANCES FOR AIRFLOW AND MAINTENANCE.
4. ROUTE RS, RL, COMMUNICATIONS, POWER, AND PUMPED
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IN SINGLE CONDUIT, EXPOSED, TIGHT ALONG WALL AND TO
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REBALANCE TO ORIGINAL DESIGN AIRFLOW, 60 CFM.
9. UNIT OUTSIDE VENTILATION AIR PROVIDED BY CONTINUOUSLY
OPERATING VENT KIT, INTEGRAL TO PTHP. RECIRCULATION EXHAUST HOOD LOCATED ABOVE COOKTOP, WITH REMOTE OPERATION MOUNTED IN ACCESSIBLE LOCATION, LISTED FOR RECIRCULATION, PROVIDED BY OTHERS. REFER TO ARCHITECTURAL.

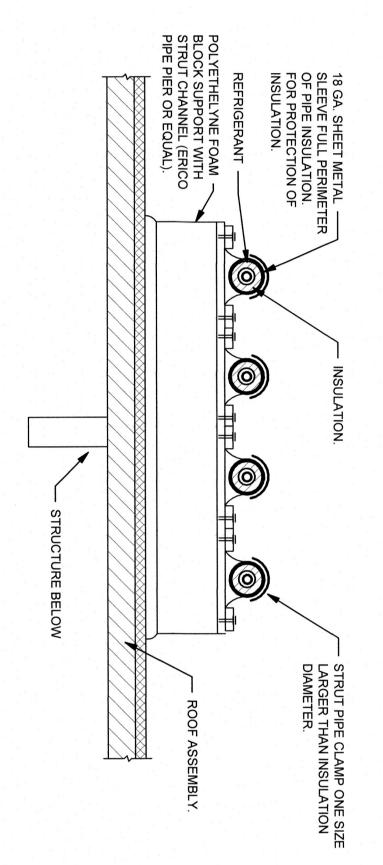




M4.1

TRAP PIPING TO BE —— SAME SIZE AS PIPING CONNECTION AT UNIT. CENTER OUTLET OVE SPLASH PLATE. 6" 4" MIN.

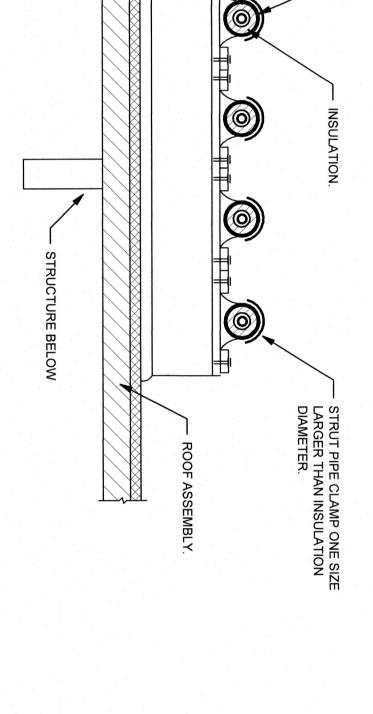
CONDENSATE TRAP



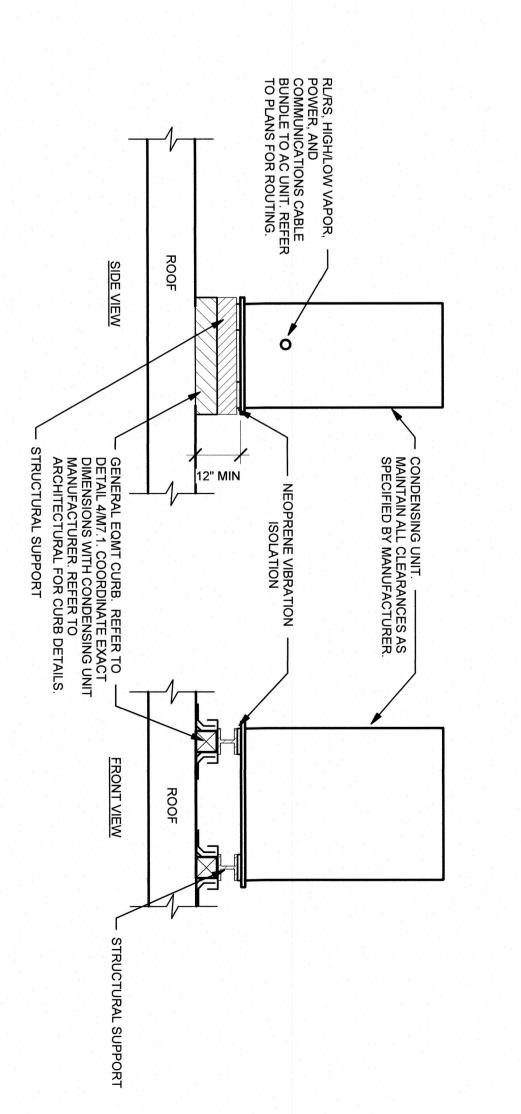
ROOFTOP REFRIGERATION PIPING SUPPORT

THRU THE WALL

**HEAT PUMP** 

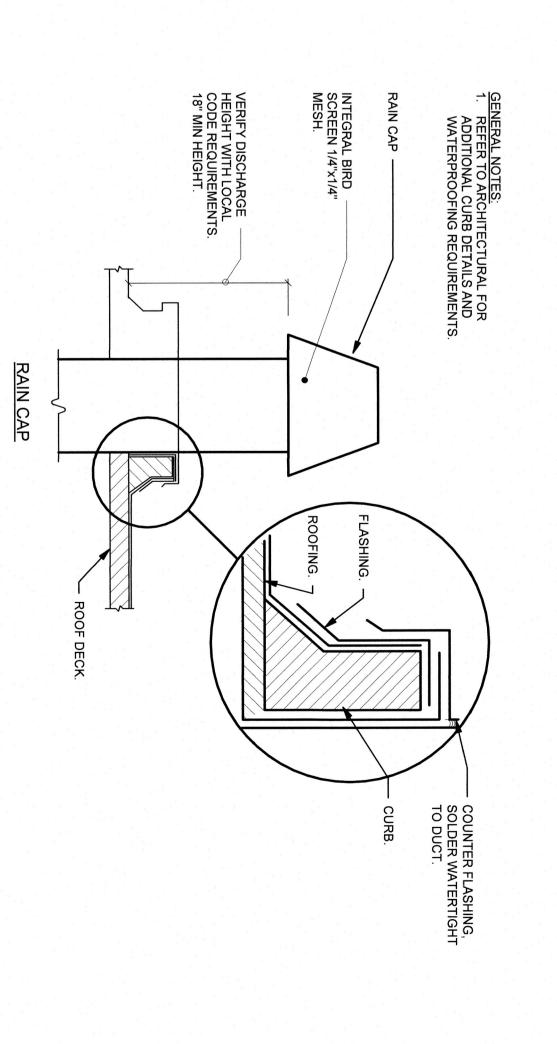


milion,



CAULK AND SEAL SPACE AROUND PIPE

CONDENSING UNIT - ROOF-MOUNTED
NO SCALE



OPTIONAL EXPOSED DRYER—DUCT LOCATION, AFFIXED TIGHT TO WALL. COORDINATE WITH ARCHITECT AND OWNER FOR ACCEPTABLE LOCATIONS.

- TO COMBINED DRYER EXHAUST PLENEUM, AT SIDEWALL EXHAUST LOUVER

- SEAL ALUMINUM RIGID DRYER DUCT WATERTIGHT IN WALL.

CLOTHES DRYER (BY OTHERS)

0

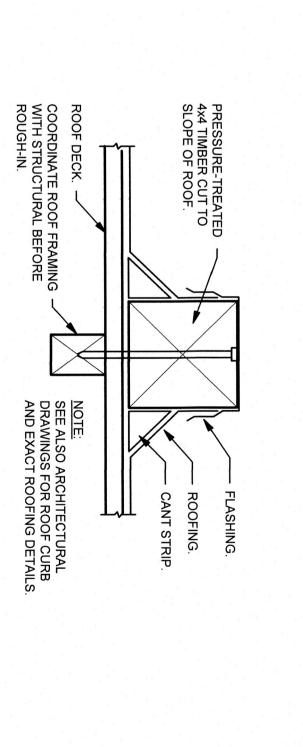
ROOF JACK FOR PIPES THRU ROOF

NOTE: 1. PAINT ALL EXPOSED SHEET METAL PARTS WITH WEATHER RESISI COORDINATE WITH ARCHITECTURAL FOR FINAL COLOR SELECTION.

ROOF TERMINATION - RAIN CAP

DRYER VENT DETAIL

CLOTHES WASHER (BY OTHERS)



GENERAL EQMT CURB

AUG 28 2023

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