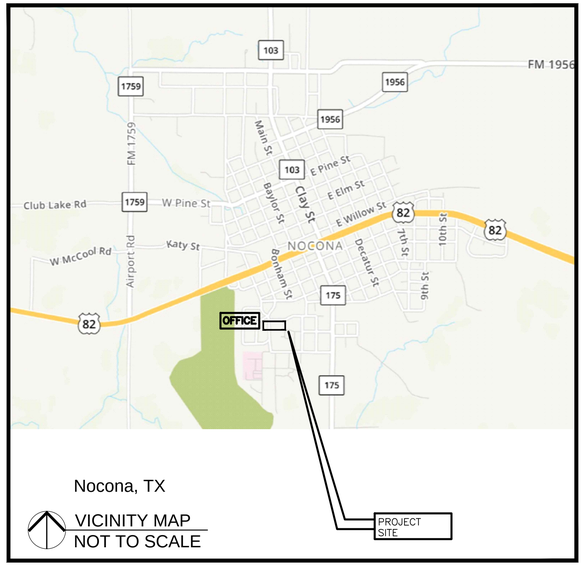
HVAC Replacement Project Phase 2

Hobson Street Site
Project TX186

Construction Documents
October 2026
NOCONA HOUSING AUTHORITY
400 Hobson St.; Nocona, Texas

Ms. Tara Hall; Executive Director



Nocona, TX

VICINITY MAP
NOT TO SCALE

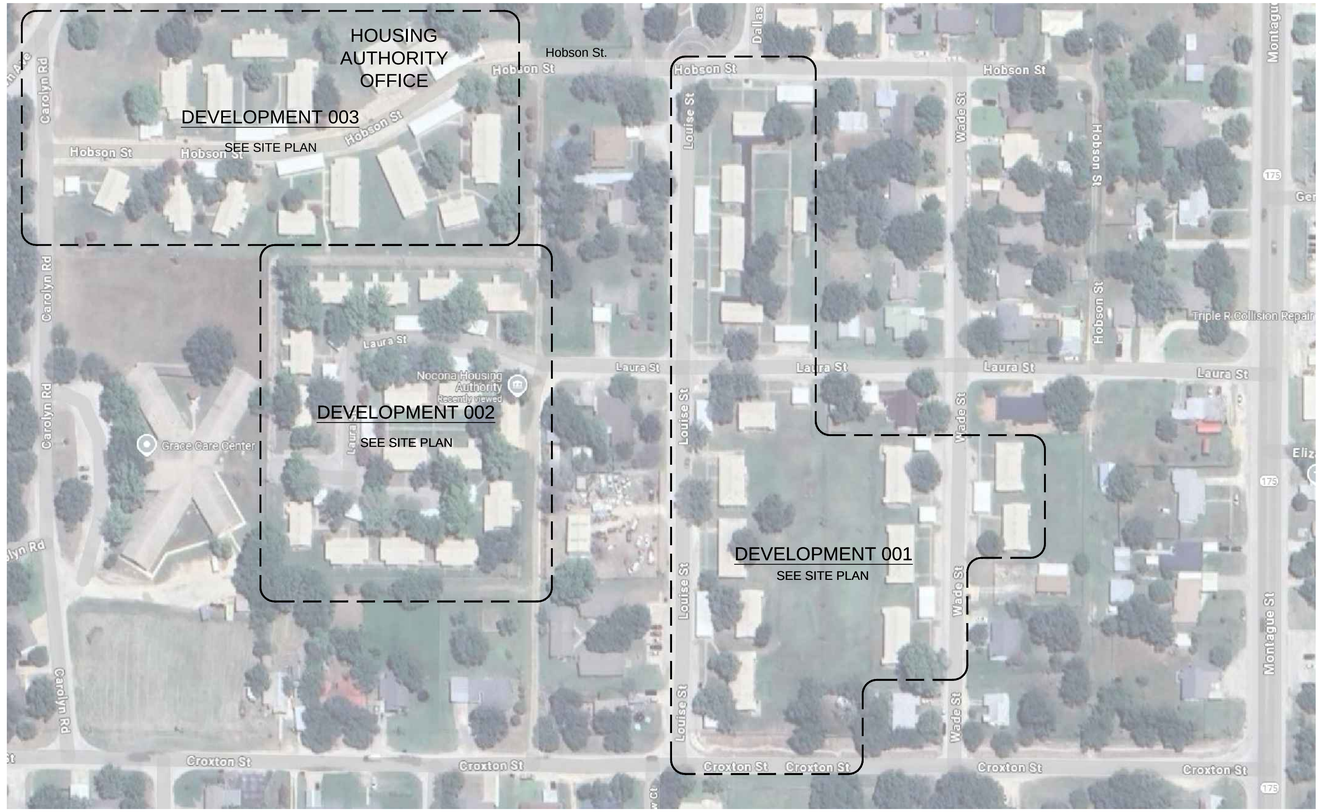
INDEX OF DRAWINGS

	COVER
AS1.1	SITE PLAN and BID SCHEDULE
A1.1	ONE BEDRM. APT. FLOOR PLAN, HVAC NOTES & DETAILS
A1.1	2BR & 3BR APT. FLOOR PLAN, HVAC REPLACEMENT
M1	ONE BEDRM. APT. PLAN, HVAC REPLACEMENT; M/E NOTES
M2	2BR & 3BR APT. PLAN, HVAC REPLACEMENT
M3	MECHANICAL SCHEDULE & DETAILS

Architectural construction documents, are intended to compose a detailed description of the design but are not intended to be detailed instructions for how to construct the project. Contractors must bring quality knowledge of construction practices, means and methods, as well as a skilled understanding of sequencing of construction and coordinating the work of subcontractors in order for the project to be successful.

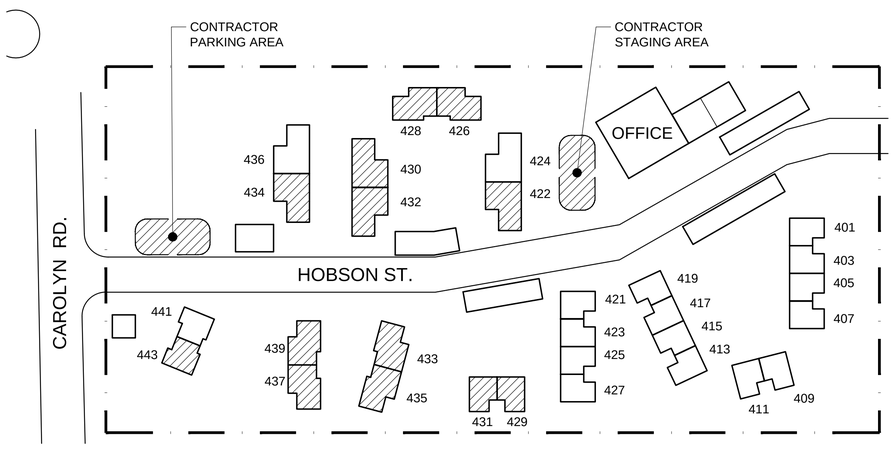
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Mechanical / Electrical



NORTH

A AERIAL IMAGE SITE PLAN
1"=100'-0"



NORTH

D DEVELOPMENT 002- SITE PLAN
1"=60'-0"

BID SCHEDULE

All Apartments located on Hobson St.		No. Units
BASE BID	TWO (2) Bedroom Apartments: 426, 428, 433, 434, 435, 437, 439. Total 7 apartments. THREE (3) Bedroom Apartments: 422, 430, 432. Total 3 apartments.	10
ADDITIVE ALTERNATE NO.1	ONE (1) Bedroom Apartments: 429, 431, 443. Total 3 Apartments	3

SITE LEGEND:

211 209
- APARTMENT NUMBER
- BUILDING OUTLINE
- UNITS IN PROJECT

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PROJECT NAME
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NOCONA HOUSING AUTHORITY; TX186
OFFICE AT 400 HOBSON ST.; NOCONA, TX

SHEET TITLE
SITE PLANS & BID SCHEDULE

REVISIONS

DATE

DATE
OCT., 2026

PLAN NO.
26-NHA

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SHEET NO.
AS1.1

DEMOLITION HVAC PLAN NOTES: D#

D1. REMOVE EXIST. AIR HANDLING UNIT, TEMPORARILY CAP UTILITIES AND PREP FOR NEW UNIT.

D2. REMOVE EXIST. CONDENSATE PUMP. REMOVE PVC DRAIN PIPE IN RETURN AIR PLENUM

D3. REMOVE EXIST. THERMOSTAT

D4. IN ATTIC SPACE REMOVE PORTION OF EXIST. CONDENSATE DRAIN LINE, PREP FOR NEW RUBBER TUBE DRAIN IN ATTIC

D5. REMOVE EXIST. CONDENSING UNIT AND REFRIGERANT LINES. NOTE REFRIGERANT LINES IN METAL COVER AT EXTERIOR WALL.

NEW HVAC PLAN NOTES:

H1. INSTALL NEW AIR HANDLING UNIT IN EXISTING CLOSET. CONNECT TO EXISTING UTILITIES. INSTALL NEW FLUE AND CONNECT TO EXIST. ROOF FLASHING. INSTALL NEW COMBUSTION AIR PIPING AND CONNECT TO EXIST. ROOF FLASHING.

H2. PROVIDE SUPPLY TRANSITION TO EXISTING DUCT PLENUM IN ATTIC. VERIFY AIR-FLOW AT EXIST. DUCT AND GRILLES.

H3. INSTALL NEW CONDENSATE PUMP, PROVIDE NEW COPPER DRAIN LINE IN PLENUM SPACE, CONNECT TO EXISTING VERTICAL COPPER DISCHARGE LINE.

H4. INSTALL NEW THERMOSTAT.

H5. PROVIDE NEW RUBBER TUBE CONDENSATE DRAIN LINE IN ATTIC, PEAK AT RAFTERS. CONNECT TO EXISTING P-TRAP AT PLUBING VENT.

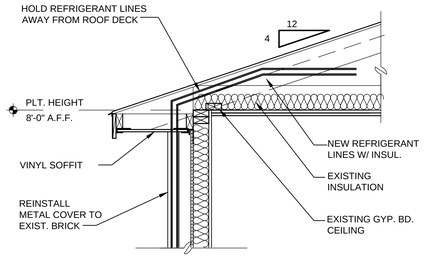
H6. INSTALL NEW CONDENSING UNIT ON EXIST. PAD. INSTALL NEW RERIGERANT LINES, AND RE-INSTALL METAL COVER AT BRICK WALL.

H7. CONNECT NEW CONDENSING UNIT TO EXISTING DISCONNECT, VERIFY BREAKER SIZE PROVIDE NEW AS REQUIRED; SEE MECHANICAL.



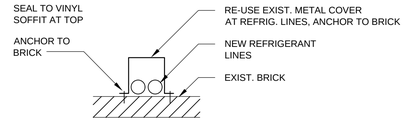
03 FLOOR PLAN ONE BEDROOM HVAC IMPROVEMENTS
3/8" = 1'-0"

NOTE: CONTRACTOR SHALL VERIFY EXISTING BUILDING CONDITIONS AND DIMENSIONS. DIMENSIONS PROVIDED AS A GENERAL GUIDE FOR APARTMENT SIZE.

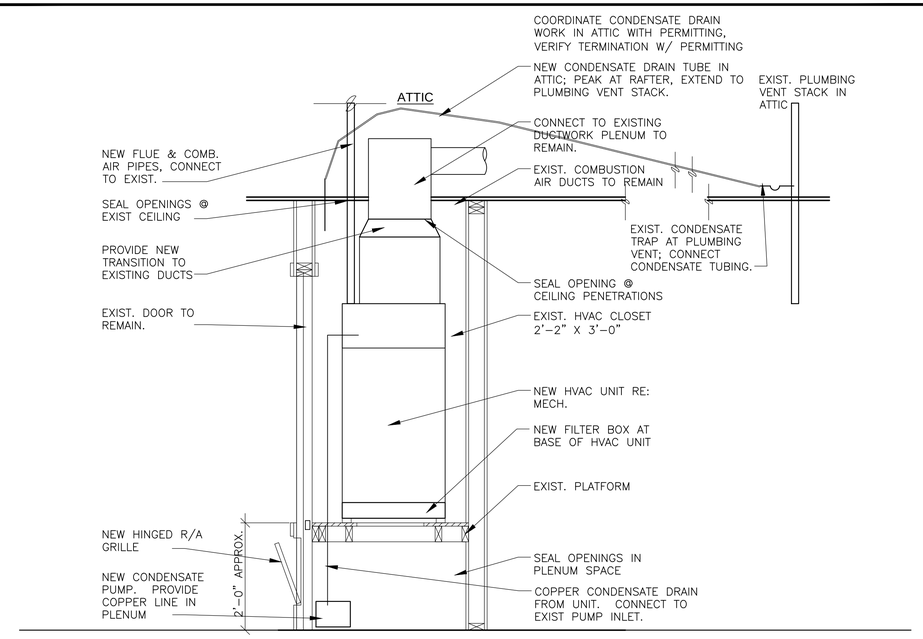


02 ATTIC EAVE DETAIL
3/4" = 1'-0"

EXISTING METAL COVER AT REFRIG. LINES TO REMAIN



03 DETAIL AT REFRIGERANT LINE COVER
1" = 1'-0"



04 DETAIL AT HVAC CLOSET
3/4" = 1'-0"

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OFFICE AT 400 HOBSON ST.; NOCONA, TX

SHEET TITLE
TYPICAL ONE BEDROOM APT.; HVAC REPLACEMENT

REVISIONS

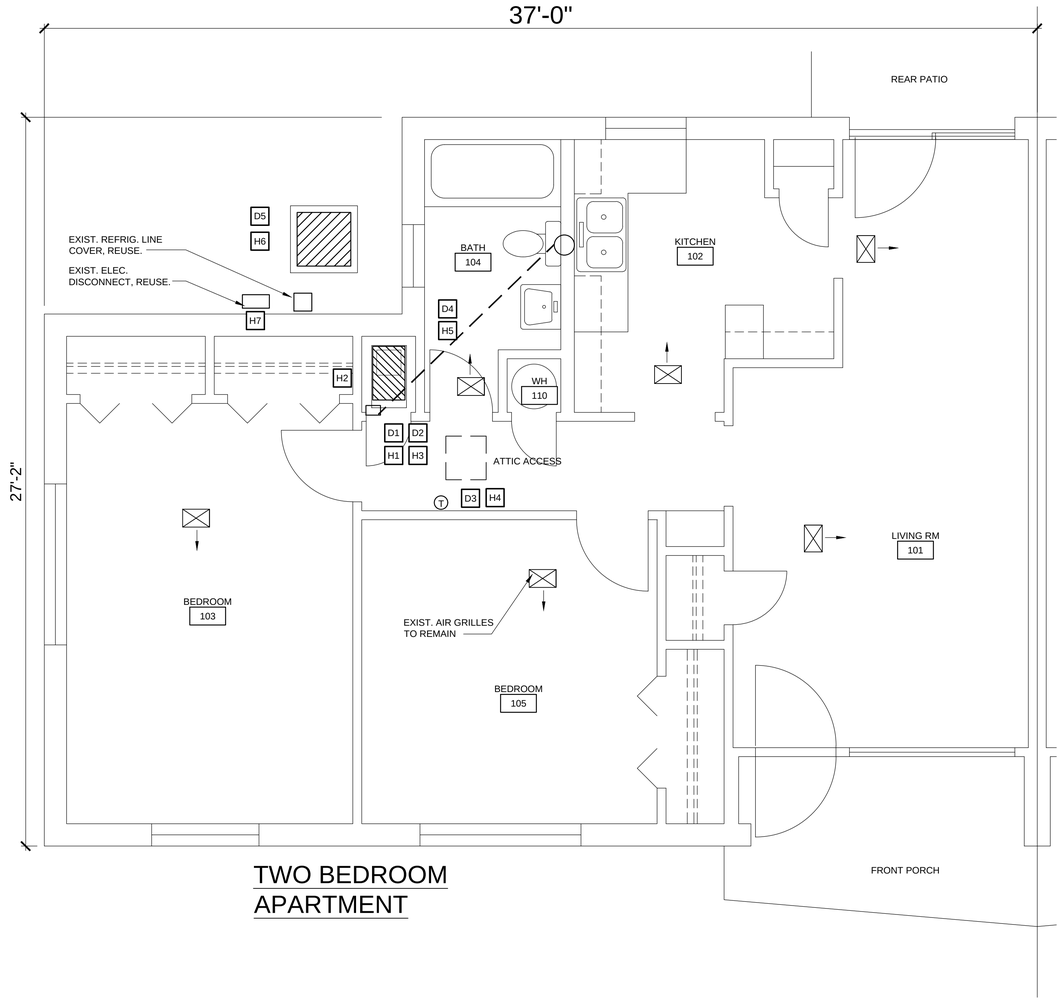
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PLAN NO.
26-NHA

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SHEET NO.
A1.1

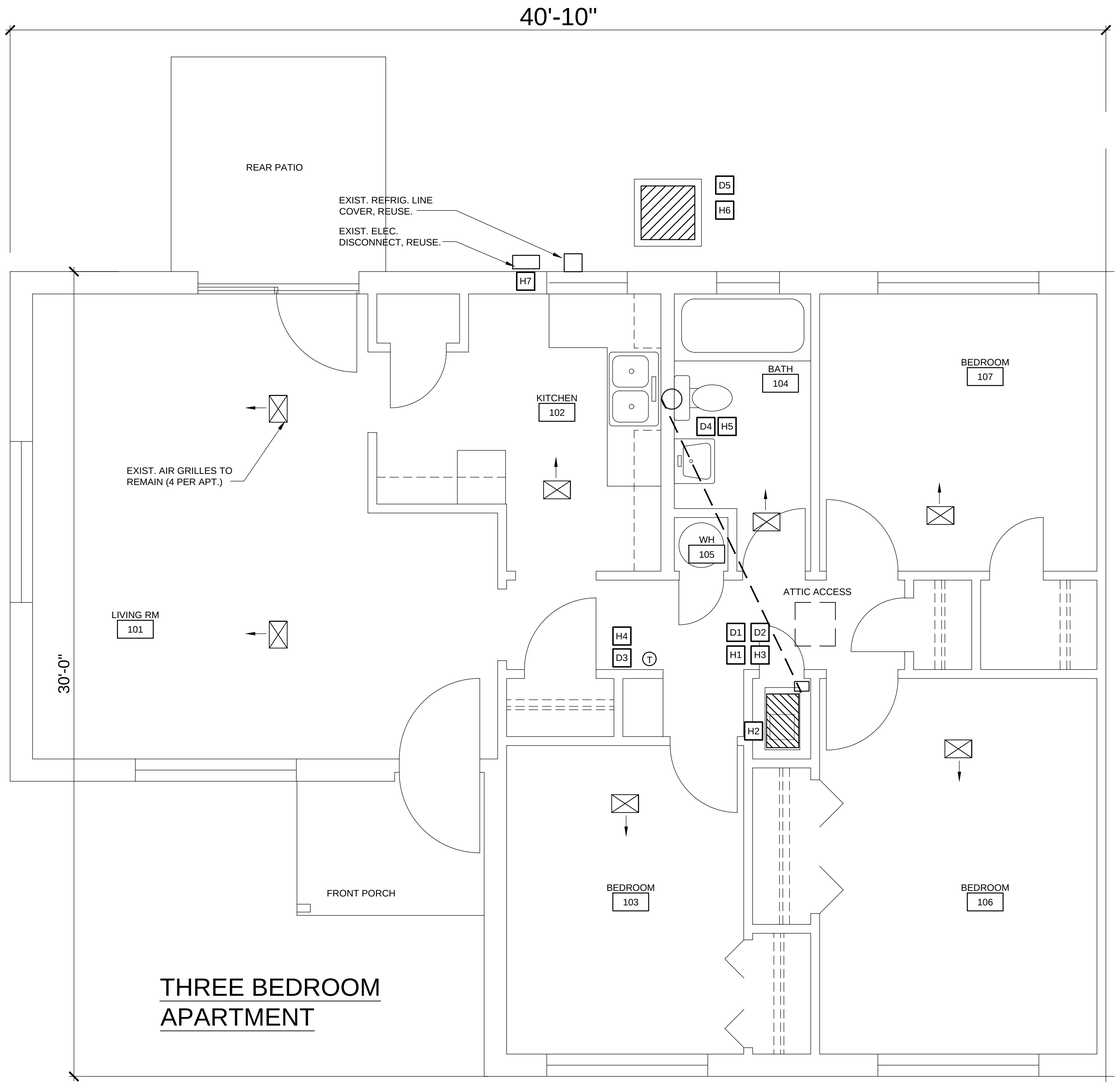


TWO BEDROOM APARTMENT

01 FLOOR PLAN TWO BEDROOM HVAC IMPROVEMENTS

SCALE: 3/8" = 1'-0"

NOTE: CONTRACTOR SHALL VERIFY EXISTING BUILDING CONDITIONS AND DIMENSIONS. DIMENSIONS PROVIDED AS A GENERAL GUIDE FOR APARTMENT SIZE.



THREE BEDROOM APARTMENT

02 FLOOR PLAN THREE BEDROOM HVAC IMPROVEMENTS

SCALE: 3/8" = 1'-0"

NOTE: CONTRACTOR SHALL VERIFY EXISTING BUILDING CONDITIONS AND DIMENSIONS. DIMENSIONS PROVIDED AS A GENERAL GUIDE FOR APARTMENT SIZE.

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TYPICAL ONE BEDROOM APT.; HVAC REPLACEMENT

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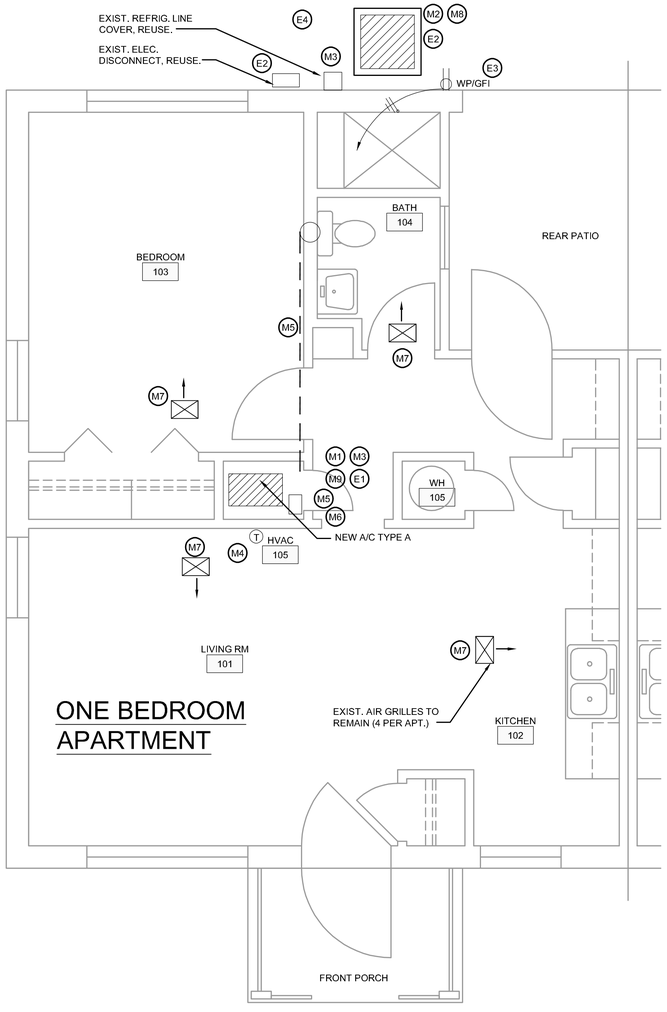
26-NHA

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SHEET NO.

A1.2



01 UNIT "A" FLOOR PLAN ONE BEDROOM HVAC REPLACEMENT
3/8" = 1'-0" NOTE: SIMILAR UNITS ARE OPPOSITE HAND

MECHANICAL AND ELECTRICAL NOTES:

M1 DISCONNECT, REMOVE, AND DISCARD EXISTING GAS FURNACE / DX COOLING COIL AND INSTALL NEW UNIT ON EXISTING R/A PLENUM (REF. ARCH. PLANS). DISCONNECT EXISTING GAS AND CONDENSATE DRAIN PIPING AND RE-CONNECT TO NEW UNIT. DISCONNECT EXISTING S/A PLENUM AND RE-CONNECT TO NEW UNIT, PROVIDE ALL NECESSARY TRANSITIONS AS REQUIRED. DISCONNECT EXISTING FLUE AND COMBUSTION AIR AND RE-CONNECT TO NEW FURNACE.
PROVIDE NEW FILTER BOX AT THE BASE OF THE NEW FURNACE WITH HINGED ACCESS DOOR.

THE EXISTING FURNACES ARE HIGH EFFICIENCY AND CURRENTLY HAVE TWO-PIPE SYSTEM FOR FLUE AND COMBUSTION AIR. PROVIDE NEW FLUE AND COMBUSTION AIR PIPING PER MANUFACTURER. VERIFY FLUE TERMINATIONS AT THE ROOF.

CONTRACTOR SHALL REPORT ANY DISCREPANCIES SUCH AS MISSING COMBUSTION AIR DUCTS, FAULTY GAS LINES. CONTRACTOR SHALL INSPECT EXISTING GAS LINES FOR LEAKS AND INTEGRITY, AND REPORT TO THE ARCHITECT IN WRITING.

M2 DISCONNECT, REMOVE, AND DISCARD EXISTING OUTDOOR CONDENSING UNIT AND PROVIDE NEW CONDENSING UNIT. EXISTING PAD TO REMAIN, VERIFY. REPORT DAMAGED OR MISSING PADS TO THE ARCHITECT IN WRITING.
INSTALL CONDENSING UNIT LEVEL AND SECURE.

M3 DISCONNECT, REMOVE, AND DISCARD EXISTING REFRIGERANT PIPING BETWEEN THE EXISTING DX COOLING COIL AND THE OUTDOOR CONDENSING UNIT AND EXISTING PIPING COVER. PROVIDE NEW REFRIGERANT PIPING SIZED AND ROUTED IN STRICT ACCORDANCE WITH NEW EQUIPMENT MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES. PROVIDE NEW REFRIGERANT PIPING COVER, SEE PLAN SHEET M2. SLEEVE AND SEAL WALL PENETRATIONS WATER-TIGHT. PROVIDE 3/4" ARMAFLEX INSULATION ON THE SUCTION LINES.

M4 DISCONNECT, REMOVE, AND DISCARD EXISTING THERMOSTAT AND CONTROL WIRING. PROVIDE NEW THERMOSTAT AND CONTROL WIRING.

M5 EXISTING A/C CONDENSATE DRAIN PIPING TO BE REPLACED PER ARCHITECT DRAWING AND NOTES. PROVIDE ¾" INSULATION ON ANY GRAVITY CONDENSATE DRAIN PIPING AND TERMINATIONS IN ATTIC.
EXTEND TO A/C COIL PRIMARY DRAIN CONNECTION. CONTRACTOR SHALL INSPECT INTEGRITY OF EXISTING CONDENSATE PIPING INSTALLATION AND TERMINATION AND REPORT TO THE ARCHITECT IN WRITING. PROVIDE ¾" INSULATION ON GRAVITY CONDENSATE DRAIN LINE FROM COIL DRAIN PAN TO PUMP INTAKE.

M6 DISCONNECT, REMOVE, AND DISCARD EXISTING CONDENSATE PUMP AND REPLACE WITH NEW PUMP SET EQUIVALENT TO THE EXISTING AND RE-CONNECT EXISTING CONDENSATE DRAIN LINE. PROVIDE INTEGRAL CHECK VALVE AT PUMP DISCHARGE.

M7 EXISTING DUCTWORK AND DIFFUSERS TO REMAIN. CONTRACTOR SHALL INSPECT THE EXISTING DUCT SYSTEMS INTEGRITY AND REPORT TO THE ARCHITECT IN WRITING. PROVIDE INSULATED BOXES IN ATTIC FOR EACH DIFUSSER IF NOT ALREADY INSULATED. ALL DUCT JOINTS NEW AND EXISTING SHALL BE SEALED WITH APPROVED DUCT SEALER.

M8 REFRIGERANT PIPING SHALL BE TYPE L COPPER, SILVER SOLDERED.

M9 NEW GAS PIPING SHALL BE SCHEDULE 40 THREADED BLACK STEEL ASTM 120 WITH SCREWED FITTINGS. PROVIDED DIELECTRIC UNIONS BETWEEN DISSILILAR METALS. GAS VALVES SHALL BE PLUG TYPE WITH SQUARE HEAD, SCREWED CONNECTIONS , A.Y. MCDONALD, ASTM B16.33, ALL BRONZE BODY, BRASS PLUG, 125 PSIG.

E1 DISCONNECT EXISTING GAS FURNACE FAN, EXISTING CIRCUIT TO REMAIN FOR RE-CONNECTION TO NEW UNIT. PROVIDE A/C RATED WALL SWITCH, AS NEEDED.

E2 DISCONNECT, REMOVE, AND DISCARD EXISTING OUTDOOR CONDENSING UNIT. DISCONNECT, REMOVE, AND DISCARD EXISTING DISCONNECT SWITCH, EXISTING FEEDERS TO REMAIN, VERIFY EXISTING CONDUCTOR SIZES AND EXISTING CIRCUIT BREAKER SIZE FOR COMPATIBILITY WITH NEW OUTDOOR CONDENSING UNIT. PROVIDE NEW NEMA 3R DISCONNECT SWITCH FUSED FOR NEW CONDENSING UNIT, VERIFY. REPORT ANY DISCREPANCIES TO THE ARCHITECT IN WRITING.

E3 AS "UNIT PRICE" INSTALL NEW GFI OUTLET W/ WATERPROOF COVER. EXTEND CIRCUIT WIRE TO EXISTING PANEL AND PROVIDE NEW 20 AMP BREAKER. VERIFY LOCAITON OF EXISTING ELECTRICAL PANEL. PROVIDE METAL CONDUIT AT EXTERIOR OF BUILDING.

E4 ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH NFPA 70 (NEC) AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO GROUNDING, MINIMUM WIRE SIZE, DISCONNECTING MEANS, OVERCURRENT PROTECTION.

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REGISTERED ARCHITECT

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PROJECT NAME
HVAC REPLACEMENT PROJECT PH.2, HOBSON ST.
NOCONA HOUSING AUTHORITY; TX186
OFFICE AT 400 HOBSON ST.; NOCONA, TX

SHEET TITLE
TYPICAL ONE BEDROOM APT.; HVAC REPLACEMENT

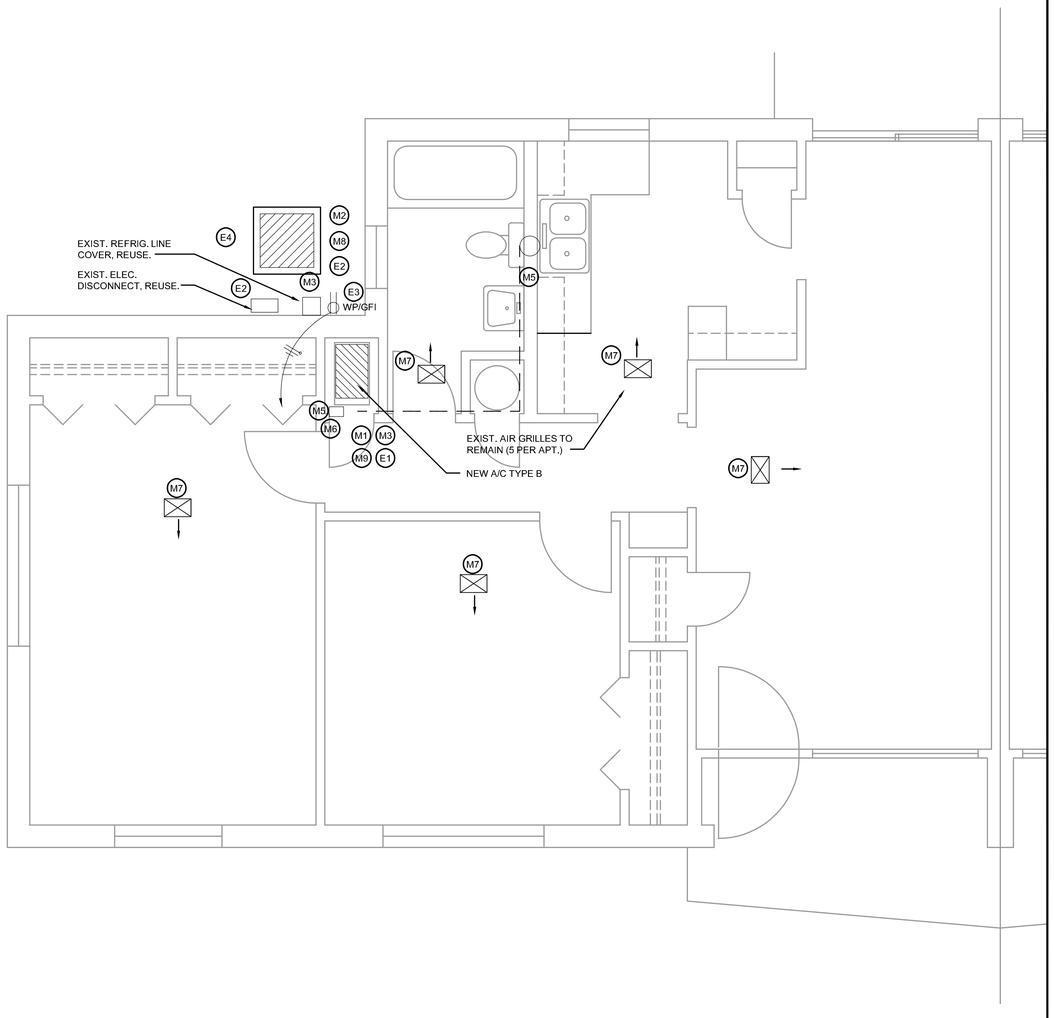
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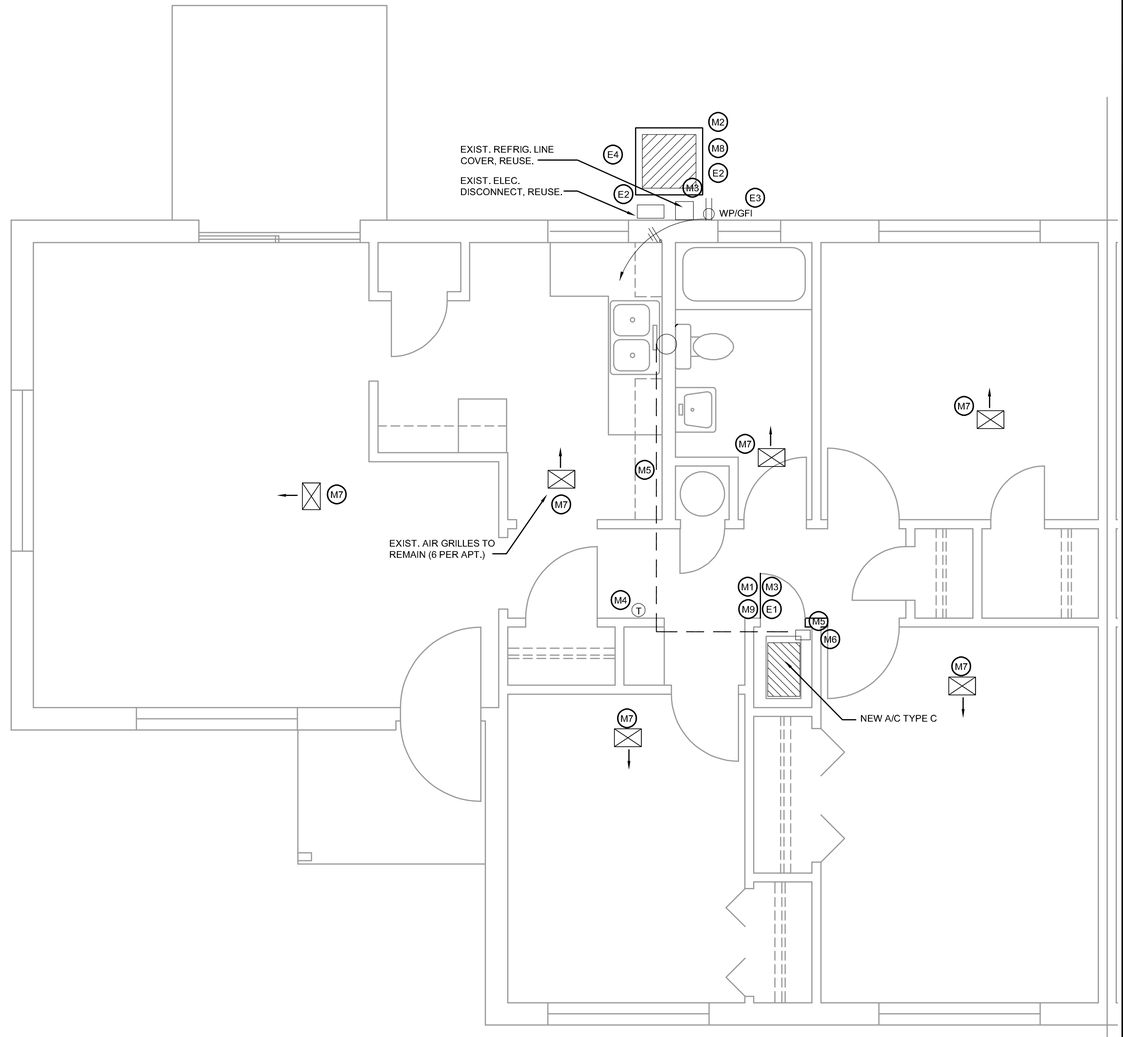
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SHEET NO.
M1



01 UNIT "D' FLOOR PLAN TWO BEDROOM HVAC REPLACEMENT
3/8" = 1'-0" NOTE: SIMILAR UNITS ARE OPPOSITE HAND

NOTES ON PLAN SHEET M1 APPLY TO THIS PLAN ALSO



02 UNIT "E' FLOOR PLAN THREE BEDROOM HVAC REPLACEMENT
3/8" = 1'-0" NOTE: SIMILAR UNITS ARE OPPOSITE HAND

NOTES ON PLAN SHEET M1 APPLY TO THIS PLAN ALSO

10/19/26

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TYPICAL 2 & 3 BEDRM. APT.; HVAC REPLACEMENT

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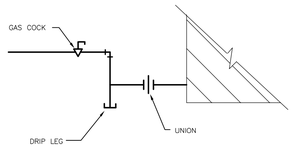
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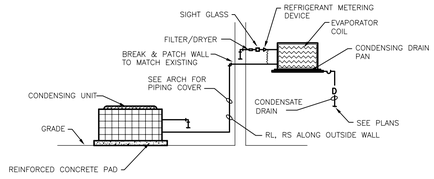
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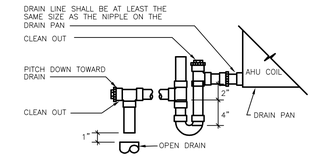
SHEET NO.
M2



A TYPICAL EQUIP. GAS CONNECTION DETAIL
NO SCALE



B DETAIL – CONDENSING UNIT ON GROUND
NO SCALE

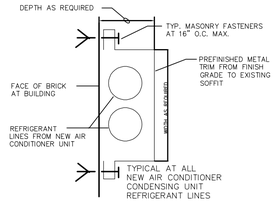


C DETAIL – AHU CONDENSATE DRAIN
NO SCALE

AIR CONDITIONING UNIT SCHEDULE

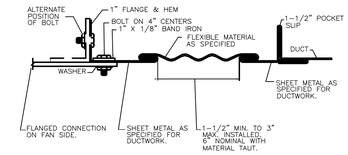
NO.	CFM	EXT. S.P.	BLOWER DATA		COOLING MBH		GAS HEAT	COND. DATA	MIN. SEER	O/A CFM	REMARKS
			H.P.	VOLTS PHASE	TOTAL	SENS.	MBH	VOLTS PHASE			COMFORTMAKER
A/C–A	625	0.75"	1/2	120/1	18.1	12.3	40.0	240/1	16.0	---	N92MSN040 A/C EVD5X19 COIL C5A6S18A C/U
A/C–B	800	0.75"	1/2	120/1	22.8	15.4	60.0	240/1	16.0	---	N92MSN060 A/C EVD5X24 COIL C5A6S24A C/U
A/C–C	1000	0.75"	1/2	120/1	30.6	22.4	60.0	240/1	16.0	---	N92MSN060 A/C EVD5X31 COIL CDA6S30A C/U

COOLING E.A.T. = 80FDB/67FWB, 95FDB OUTDOOR (ARI CONDITIONS)



D REFRIGERANT LINE COVER DETAIL
NO SCALE

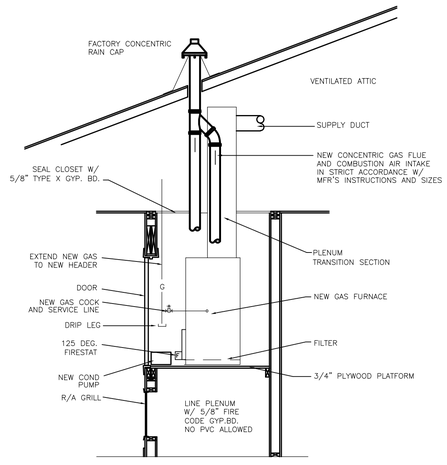
COVER TO BE USED IF REFRIGERANT LINES CAN NOT BE INSTALLED IN THE WALL STUD SPACE
PAINT COVER TO MATCH EXISTING SOFFIT



E DETAIL – FLEX DUCT CONNECTION
NO SCALE

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	TELEPHONE JACK
	SINGLE POLE SWITCH
	CATV BOX & OUTLET
J	JUNCTION BOX
GFI	GROUND FAULT
WP	WEATHERPROOF
AFF	ABOVE FINISHED FLOOR
SD	SMOKE DETECTOR
	DISCONNECT SWITCH (FUSE SIZE AS INDICATED)
	ARROW REPRESENTS: HOMERUN TO PANEL TICKS REPRESENT: GROUND, PHASE LEG, NEUTRAL

SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSER OR DUCT
	RETURN AIR GRILLE, REGISTER OR DUCT
	EXHAUST AIR GRILLE REGISTER OR DUCT
T	THERMOSTAT
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
D	DRAIN LINE
EF	EXHAUST FAN
C/U	OUTDOOR CONDENSING UNIT
A/C	AIR UNIT
S/A	SUPPLY AIR
R/A	RETURN AIR
AFF	ABOVE FINISHED FLOOR



F DETAIL – UP–DRAFT GAS FURNACE
NO SCALE

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