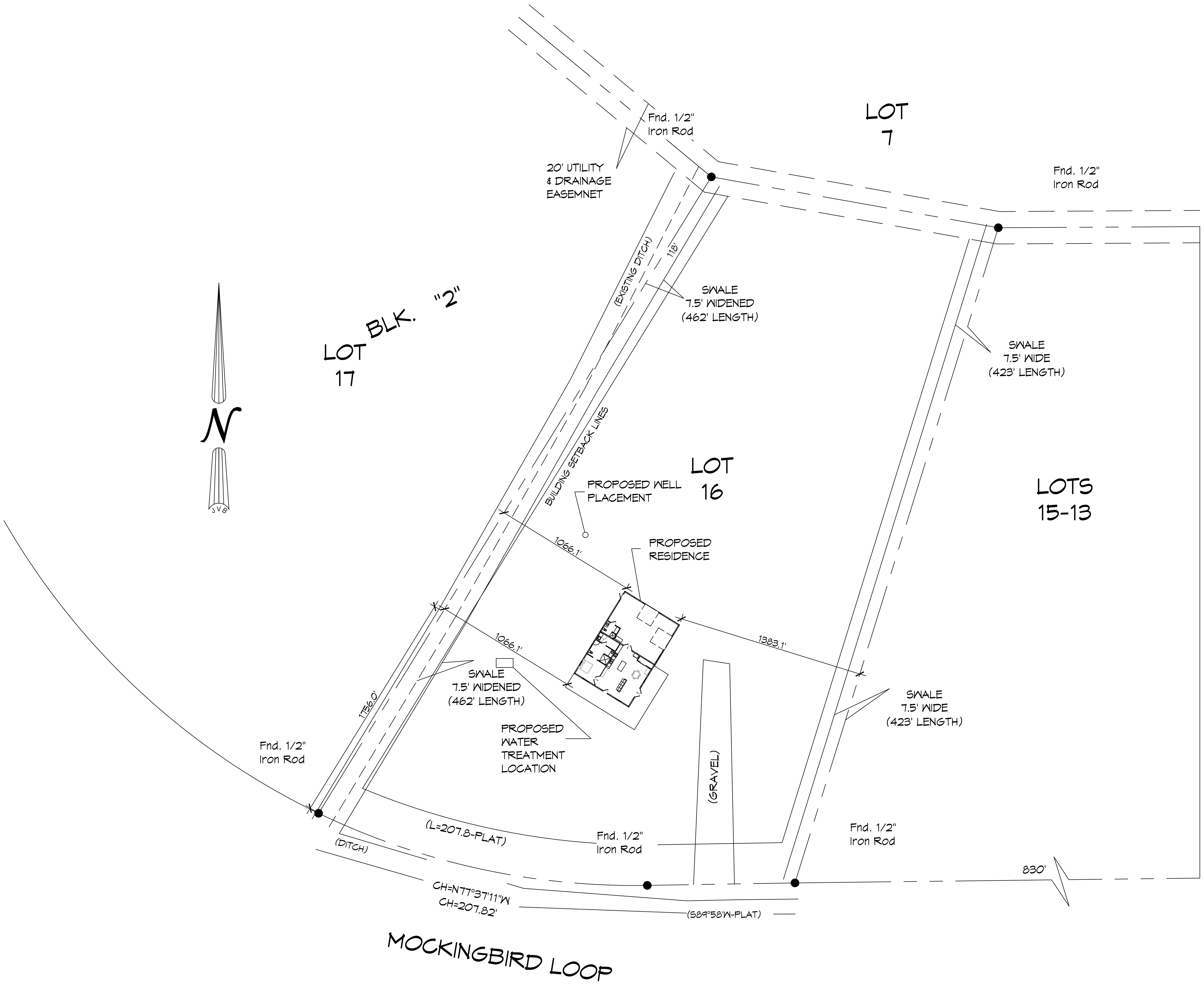


1 PROPOSED SITE PLAN
SCALE: 1/32" =1'-0"

ZONING

RESIDENTIAL DISTRICT

FLOOD ZONE

ZONE: A

BUILDING ELEVATION

FINISHED FLOOR ELEVATION - 45'

SQUARE FEET

LIVING	1320
PORCH	825
GARAGE	1080
TOTAL SQ. FT.	3225

LEGEND

— · — · — PROPERTY LINE
— — — — — SETBACK LINE

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE Vult WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE B, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

SHEET INDEX

SHEET #	SHEET TITLE
C101	SITE PLAN
S101	FRAMING SECTION PLAN
S102	TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
A101	FLOOR PLAN
A102	ELEVATION PLAN
P101	PLUMBING PLAN & PLUMBING RISER
M101	MECHANICAL PLAN
E101	ELECTRICAL LIGHTING PLAN
E102	ELECTRICAL POWER PLAN

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	DATE

REVISIONS

SEAL:

HOUSE PLAN
GARRY AND ANGELA FEHN
35165 MOCKINGBIRD LOOP
PEARL RIVER, LA, 70452

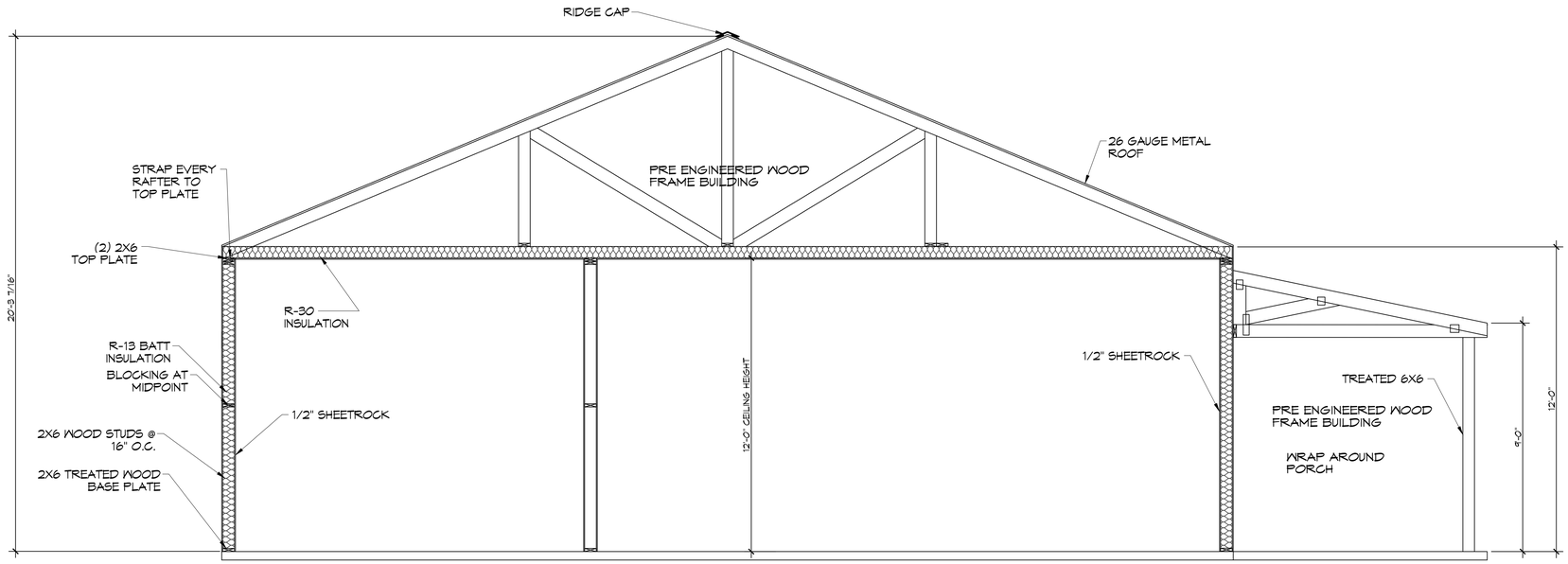
JOB No:		DATE:	9-22-2025
DRAWN BY:	LJP	CHECKED BY:	CKD

SHEET TITLE:
PROPOSED SITE PLAN

DRAWING NUMBER:
C101

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE VULT WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE B, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION



2 FRAMING SECTION
SCALE: 3/8" = 1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

HOUSE PLAN

GARRY AND ANGELA FEHN
35165 MOCKINGBIRD LOOP
PEARL RIVER, LA. 70452

JOB No:	
DATE:	9-22-2025
DRAWN BY:	LJP
CHECKED BY:	CKD

SHEET TITLE:
FRAMING SECTION

DRAWING NUMBER:
S101

SHEET No: 2 of 9

FILE NAME: J:\--DESIGN\Clay and Angie Fein 3165 Mockingbird Loop Pearl River\Current Drawings\3165-150 mph Exposure C.dwg, PLOT DATE & TIME: Monday, September 22, 2025 8:49:41 AM

TABLE S601.7 - UPLIFT CONNECTIONS - 140 MPH WINDS EXP "B"

WFCM 2015 TABLE 3.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"X20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	407	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 140 MPH WIND EXP "B"

WFCM 2015 TABLE 3.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
UPLIFT LOADS	1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 140 MPH WIND EXP "B"

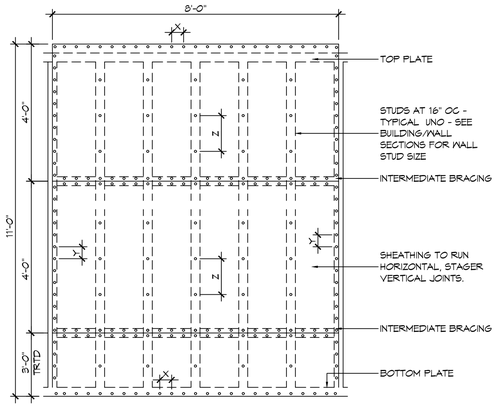
WFCM 2015 TABLE 3.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
			5/8" Ø ANCHOR BOLTS
UPLIFT LOADS	4 STORY		48 INCHES ON CENTER W/3X3X1/4" WASHER

TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "B"

WFCM 2015 TABLE 3.23C

	WALL SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
HEADER SPAN (FEET)	NUMBER OF FULL HEIGHT STUD REQUIRED AT EACH END OF THE HEADER		
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2



NAIL SPACING
X = 4" OC
Y = 4" OC
Z = 12" OC

X = PLATE EDGE NAIL SPACING
Y = LONG EDGE NAIL SPACING
Z = FIELD NAIL SPACING

INTERIOR SHEATHING
1/2"PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @4"O.C. FASTENING @ PANEL EDGES 8d NAILS @12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

EXTERIOR SHEATHING
5/8"PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @4"O.C. FASTENING @ PANEL EDGES 8d NAILS @12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

(H) SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN

TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		HEADER WIDTH											
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	3"	4.5"	5"	6"
		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER											
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	2	1	1	3	2	2	2	4	3	3	2
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	2	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
	14	3	2	2	2	6	4	4	3	8	5	5	4
	16	4	3	2	2	6	4	4	3	9	6	6	5

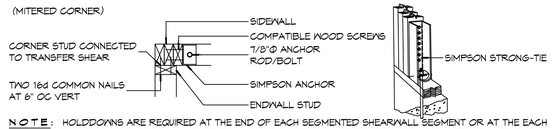
HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

WFCM 2021 TABLE 3.22F

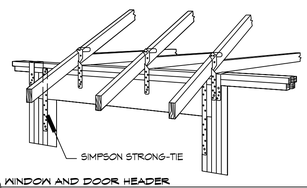
		ROOF LIVE LOAD 20 PSF				ROOF LIVE LOAD 30 PSF			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"
		NUMBER OF JACK STUDS REQUIRED							
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	1	2	2	2	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	3	2	4	3	3	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
	6	2	2	2	1	3	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2
	12	4	3	3	2	5	3	3	3
	14	5	4	3	3	5	4	3	3
	16	6	4	4	3	6	4	4	3

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

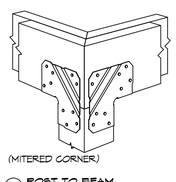


NOTE: HOLDDOWNS ARE REQUIRED AT THE END OF EACH SEGMENTED SHEARWALL SEGMENT OR AT THE EACH END OF A PERFORATED SHEARWALL. WHEN FULL HEIGHT SHEARWALL SEGMENTS MEET AT A CORNER, A SINGLE HOLDDOWN SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALLS IS FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD.

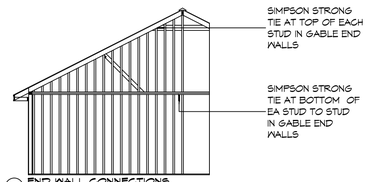
(G) CORNER HOLDDOWN



(N) WINDOW AND DOOR HEADER



(M) POST TO BEAM



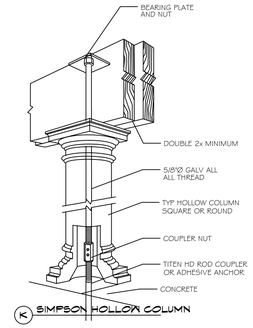
(L) END WALL CONNECTIONS

TABLE S601.3 - NAILING SCHEDULE WFCM 2015 TABLE 3.1

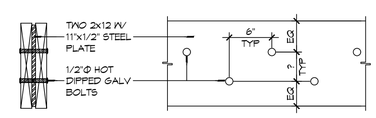
DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS

OPAQUE ELEMENTS		ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.048	R-20.0 c.i.
	METAL BUILDING	U-0.065	R-19
	ATTIC AND OTHER	U-0.027	R-38
WALLS, ABOVE GRADE	MASS	U-0.151	R-5.7 c.i.
	METAL BUILDING	U-0.113	R-13.0
	STEEL-FRAMED	U-0.124	R-13.0
	WOOD-FRAMED AND OTHER	U-0.089	R-13.0
FLOORS	MASS	U-0.107	R6-3 c.i.
	STEEL JOIST	U-0.052	R-19.0
	WOOD FRAMED AND OTHER	U-0.051	R-19.0
SLAB-ON-GRADE	UN-HEATED	F-0.730	NR
OPAQUE DOORS	SWINGING	U-0.700	NR
	NON-SWINGING	U-1.450	NR



(K) SIMPSON HOLLOW COLUMN



(F) FLITCH BEAM

SIMPSON MSTAM36

METAL ROOF APPLICATION & FASTENING NOTES

1. INSTALL 26 GAUGE METAL ROOF PER MANUFACTURES RECOMMENDATIONS FOR 140 MPH WIND SPEED.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.

WALL ASSEMBLY TO WALL ASSEMBLY:
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE, 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

TABLE S601.1 - ROOF SHEATHING ATTACHMENT REQUIREMENT - WIND LOAD EXP "B"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

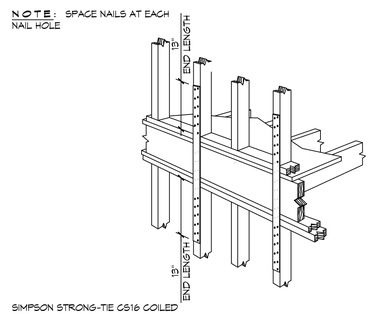
140 MPH WIND - EXPOSURE "B" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

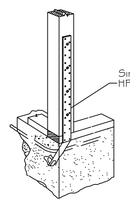
TABLE S601.1 - WALL SHEATHING AND CLADDING REQUIREMENT - WIND LOAD EXP "B"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6

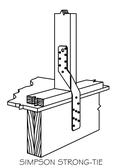
140 MPH WIND - EXPOSURE "B" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

NOTE: SPACE NAILS AT EACH NAIL HOLE



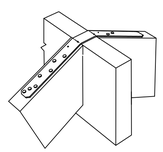


(K) CORNER HOLD DOWN



(J) STUD TO BAND JOIST

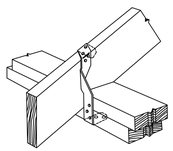
(H) FLOOR TO FLOOR



SIMPSON STRONG-TIE

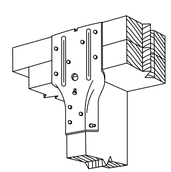
AT ALL RIDGE CONNECTIONS

(G) RIDGE BEAM/BOARD



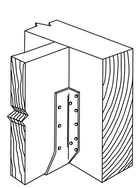
SIMPSON STRONG-TIE

(F) TOP PLATE TO RAFTER



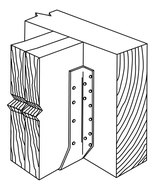
SIMPSON STRONG-TIE

(E) STUD TO TOP PLATE



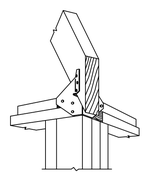
SIMPSON STRONG-TIE

(D) FLOOR JOIST



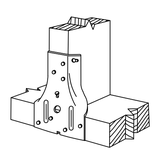
SIMPSON STRONG-TIE

(C) DBL FLOOR JOIST



SIMPSON STRONG-TIE

(B) HIP RAFTER



SIMPSON STRONG-TIE

(A) STUD TO SILL PLATE

TYPICAL CONNECTION DETAILS

SCALE: NTS

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
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550 Lowder Trail
Slidell, LA 70458
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mitsch, PE

REVISIONS

#	DESCRIPTION	DATE

SEAL:

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HOUSE PLAN
CLAY AND ANGELA FEIN

DATE:	4-22-2025
CHECKED BY:	CKD
DRAWN BY:	DD/KJK
JOB No:	3165 MOCKINGBIRD LOOP PEARL RIVER, LA. 70452

SHEET TITLE:
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

DRAWING NUMBER:
S102

SHEET No: 3 of 9

SQUARE FEET

LIVING	1320
PORCH	825
GARAGE	1080
TOTAL SQ. FT.	3225

WINDOW SCHEDULE

MK	WIDTH	HEIGHT	FRAME MAT	NOTES
W01	3'-0"	5'-0"	ALUM	SERIES 300 W/GRIDS SINGLE HUNG CLEAR
W02	3'-0"	1'-0"	ALUM	FIXED WINDOW INSULATED TRANSOM

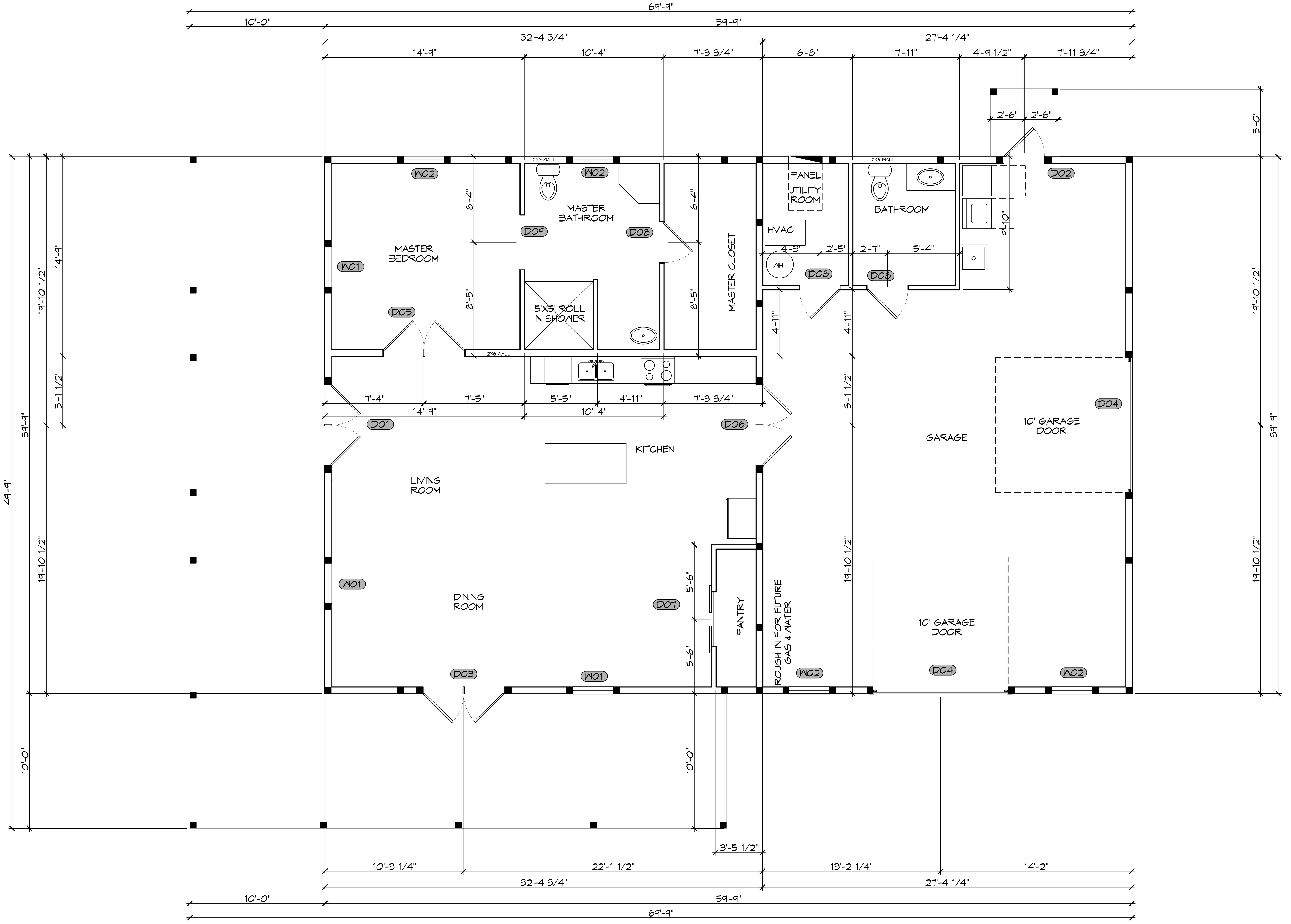
NOTE: OWNER TO PICK ALL WINDOW STYLES

NOTE: FIELD VERIFY ALL DIMENSIONS, PAINT, FLOORING, LIGHTS, DOORS, ACCESSORIES, COLORS & STYLES WITH OWNER

NOTE: FOR LOCATION OF WINDOWS, SEE P.M.I. DRAFTING & DESIGN DRAWINGS.

DOOR SCHEDULE

MK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME MAT	NOTES
D01	(2)3'-0"	7'-0"	1-3/4"	WOOD	WOOD	EXTERIOR DOOR WITH GLASS PANE
D02	3'-0"	7'-0"	1-3/4"	COMPOSITE	WOOD	EXTERIOR DOOR
D03	(2)3'-0"	7'-0"	1-3/4"	WOOD	WOOD	EXTERIOR FRENCH DOOR WITH GLASS PANES
D04	10'-0"	10'-0"	N/A	MTL	WOOD	GARAGE DOOR
D05	(2)3'-0"	7'-0"	1-3/4"	WOOD	WOOD	INTERIOR FRENCH DOOR
D06	(2)3'-0"	7'-0"	1-3/4"	WOOD	WOOD	INTERIOR FRENCH DOOR 1/2 HOUR FIRE RATED
D07	(2)2'-0"	7'-0"	1-3/4"	WOOD	WOOD	DOUBLE SLIDING BARN DOOR
D08	3'-0"	7'-0"	1-3/4"	WOOD	WOOD	INTERIOR DOOR
D09	4'-0"	7'-0"	-	-	-	CASED OPENING



3 FLOOR PLAN
SCALE: 1/4" = 1'-0"

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#	DESCRIPTION	DATE
REVISIONS		

SEAL:

HOUSE PLAN

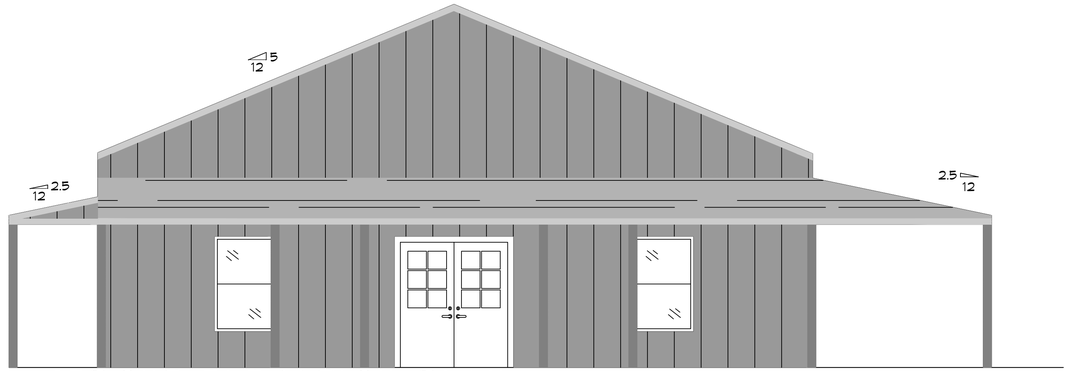
GARRY AND ANGELA FEHN

35165 MOCKINGBIRD LOOP
PEARL RIVER, LA, 70452

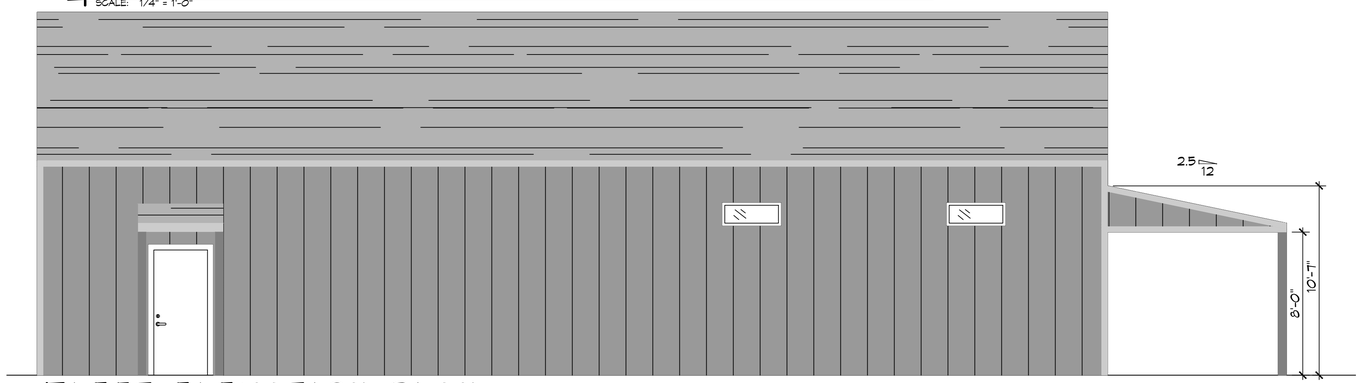
JOB No:	DATE: 9-22-2025
DRAWN BY: LJP	CHECKED BY: CKD

SHEET TITLE:
FLOOR PLAN

DRAWING NUMBER:
A101

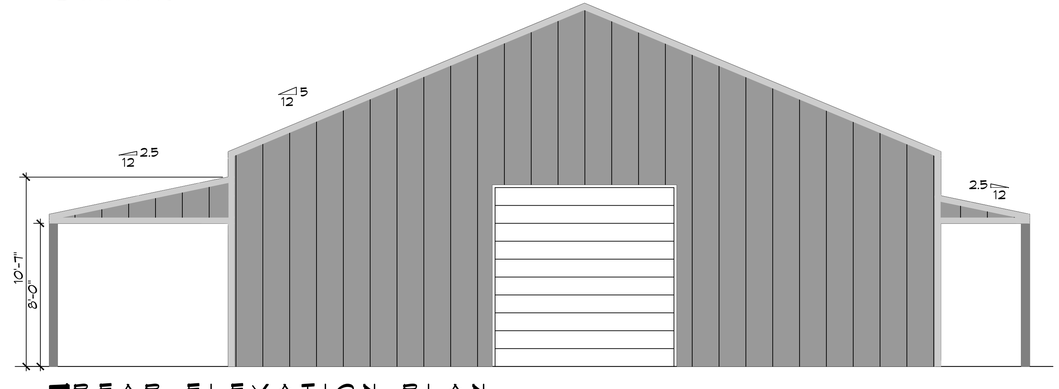


4 FRONT ELEVATION PLAN
SCALE: 1/4" = 1'-0"



5 LEFT ELEVATION PLAN
SCALE: 1/4" = 1'-0"

6 RIGHT ELEVATION PLAN
SCALE: 1/4" = 1'-0"



7 REAR ELEVATION PLAN
SCALE: 1/4" = 1'-0"

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DRAWN BY:	LJP
CHECKED BY:	CKD

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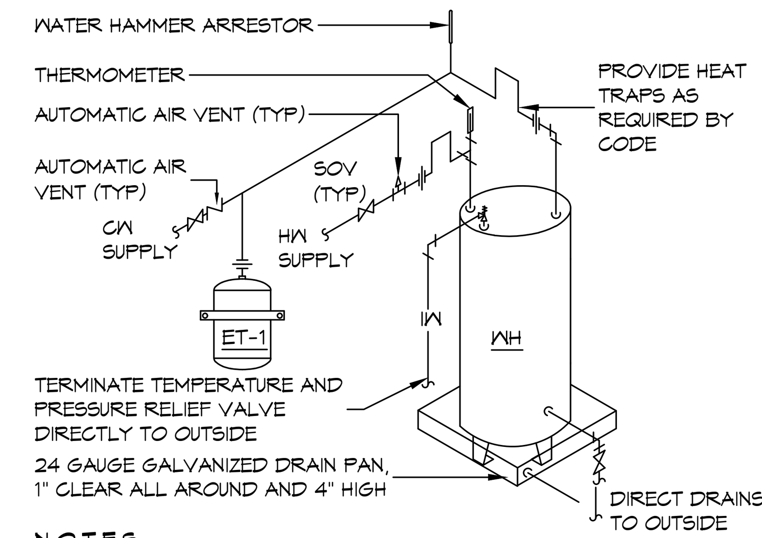
SHEET TITLE:
EXTERIOR ELEVATION PLAN

DRAWING NUMBER:
A102

SHEET No: 5 of 9



NOTES:
1. A WATERTIGHT PAN WITH 1" DRAIN SHALL BE PROVIDED UNDER WATER HEATER.

TYPICAL DETAILS
SCALE: NTS — MISCELLANEOUS PLUMBING

GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2013 REQUIREMENTS.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE OR PEX PIPING, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
12. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATERTUBE, TYPE L OR PEX PIPING. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
16. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0"FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

OWNER TO COORDINATE WITH PLUMBER ON MATERIAL OF PLUMBING LINES AND FIXTURES

WATER FILTRATION SYSTEM TO BE ADDED- VERIFY LOCATION WITH OWNER

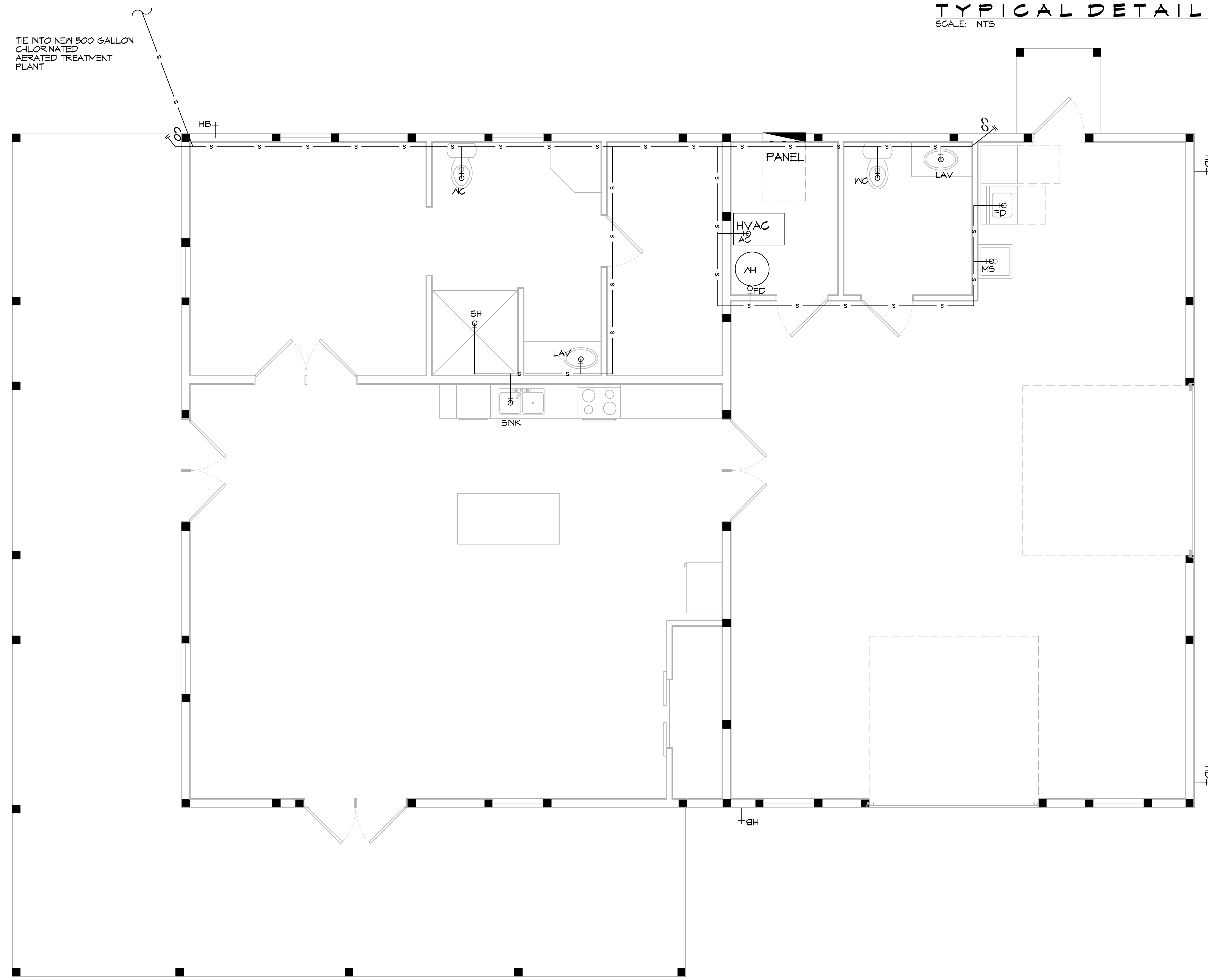
PLUMBING ABBREVIATIONS

LAV	LAVATORY	WH	WATER HEATER
WC	WATER CLOSET		
MS	MOP SINK		

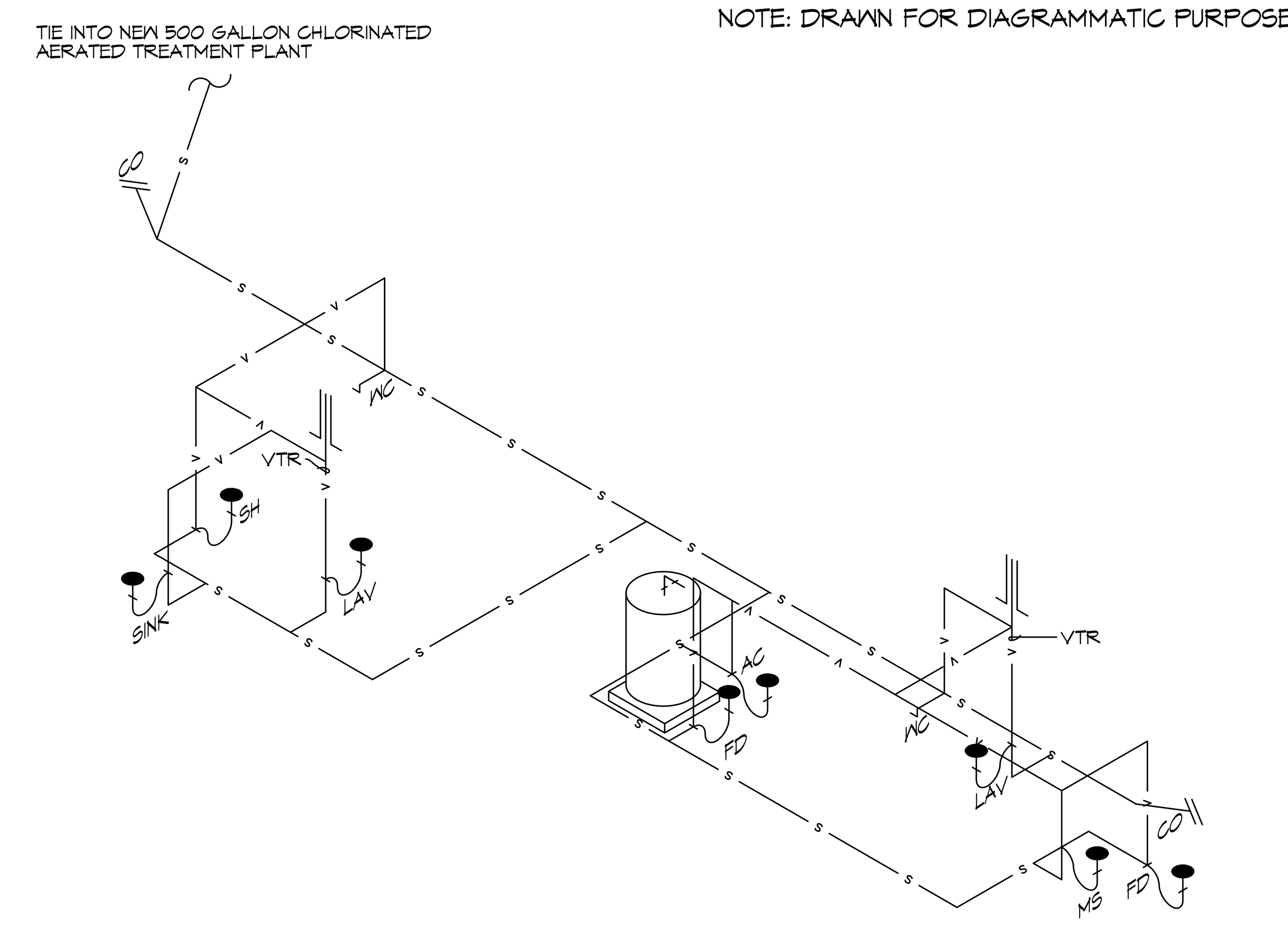
LEGEND

SYMBOL	DESCRIPTION
—— S —— S ——	SEWER LINE
—— V —— V ——	VENT PIPE
(floor drain symbol)	FLOOR DRAIN
⊣CO	CLEAN OUT
HB ⊣	HOSE BIB

NOTE: DRAWN FOR DIAGRAMMATIC PURPOSE ONLY



8 PLUMBING PLAN
SCALE: 1/4"=1'-0"



9 PLUMBING RISER DIAGRAM
SCALE: N.T.S.

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#	DESCRIPTION	DATE
REVISIONS		

SEAL:

HOUSE PLAN
GARRY AND ANGELA FEHN
35165 MOCKINGBIRD LOOP
PEARL RIVER, LA, 70452

JOB No:		DATE:	9-22-2025
DRAWN BY:	LJP	CHECKED BY:	CKD

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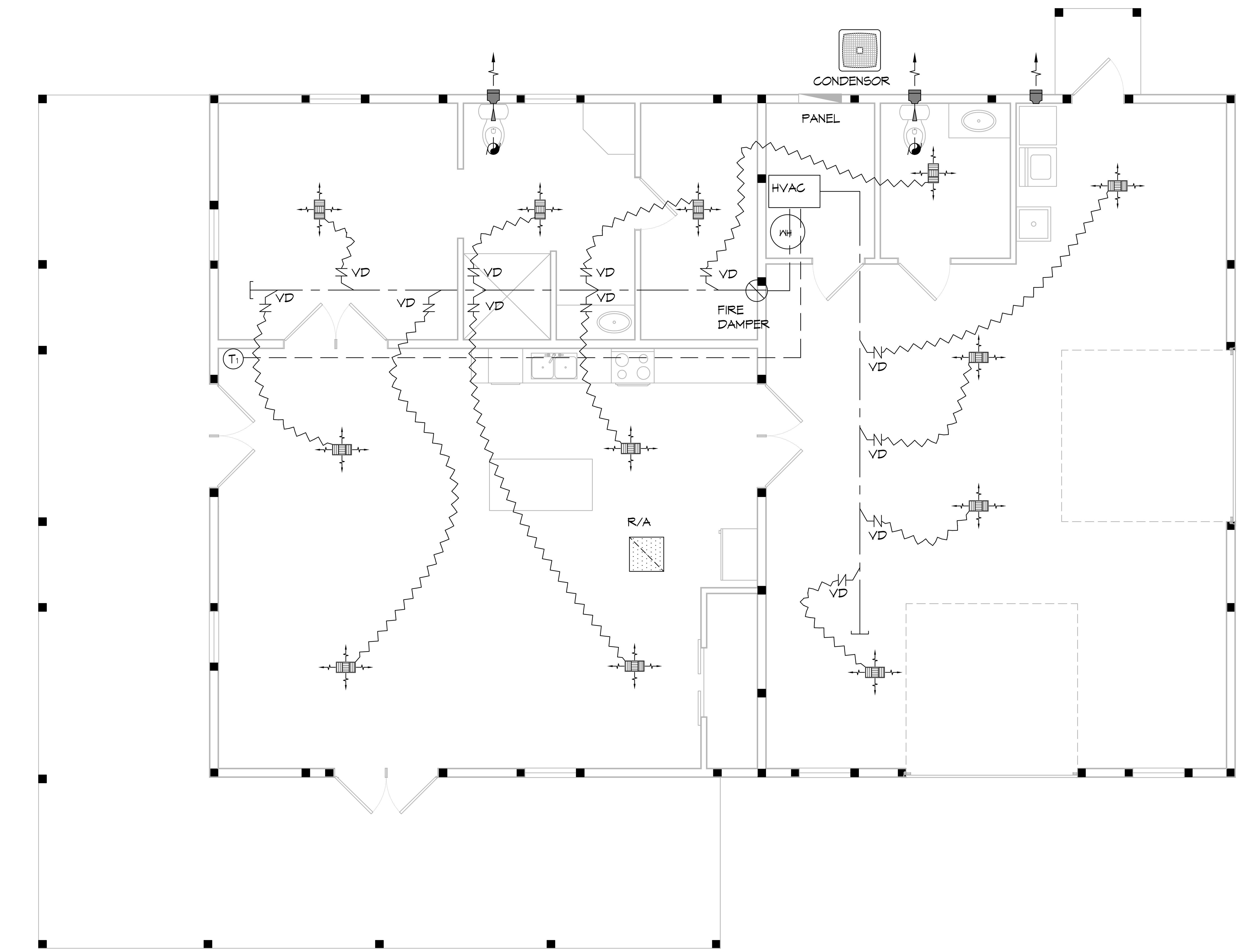
SHEET TITLE:
PLUMBING PLAN AND PLUMBING RISER DIAGRAM

DRAWING NUMBER:
P101



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

MECHANICAL NOTES

1. MECHANICAL SUBCONTRACTOR TO INSTALL HVAC SYSTEM, ACCORDING TO NATIONAL, STATE AND CITY CODE.
2. MECHANICAL SUBCONTRACTOR TO VERIFY HVAC DESIGN LOADS.
3. OWNER TO SELECT MECHANICAL EQUIPMENT WITH CONTRACTOR.
4. DRAWINGS OF SYSTEM ARE SCHEMATIC AND SHOULD BE CONFIRMED BY SUBCONTRACTOR.
5. DUCTS AS SHOWN 26 GAUGE 6.1 INSULATE W/ 2" FIBERGLASS INSULATION. * MIN. DUCT SIZE 8" DIAMETER * MIN. DIFF. SIZE 10" DIAMETER WITH AIR VOLUME REG.
6. DAMPER CONTROLS AND VOLUME DAMPERS TO BE LOCATED AND CONFIRMED BY CONTRACTOR.
7. THERMOSTAT MIN. HONEYWELL - WALL MOUNTED
8. MIN. CLEARANCE AT UNIT TO BE 4'-0".
9. PROVIDE 3/4" PLYWOOD, 24" MIN. WIDE CATWALK TO ALL MECHANICALS IN ATTIC. CATWALK - GREATER THAN 20' NEED 6' HEADROOM - MAX. 50' LENGTH. MAINTAIN PROPER CLEARANCE AT UNITS SERVICE AREA
10. CLEARANCE OF ALL HEAT PRODUCING APPLIANCES TO BE GREATER THAN 18" ABOVE OR 6" TO THE SIDE.
11. SEC. IR315: CARBON MONOXIDE ALARMS - REQUIRED IN THE SMOKE ALARMS
12. A/C DRAIN TO 1-1/2" P-TRAP
13. PROVIDE 30" MIN. WIDE WORKING PLATFORM TO ACCESS SIDE OF HVAC. ATTIC DECKED WORK AREA MIN. 30" X 30".
14. DRYER MUST BE VENTED TO THE EXTERIOR OF THE RESIDENCE, IN COMPLIANCE WITH THE MECHANICAL CODE. DRYER VENT, LENGTH (MAX. LENGTH 25', - 5' FOR 90 DEGREE TURN, - 2.5' FOR 45 DEGREE TURN OR PER MANUFACTURER) AND DISCHARGE LOCATION.

NOTE: DRAWN FOR DIAGRAMMATIC PURPOSE ONLY FIELD VERIFY ROUTING OF ALL DUCTWORK AND DIFFUSERS.

MECHANICAL LEGEND

- SUPPLY AIR GRILLE
- WALL LOUVER
- EXHAUST FAN
- RETURN AIR GRILLE
- VOLUME DAMPER
- FIRE DAMPER
- T1 THERMOSTAT

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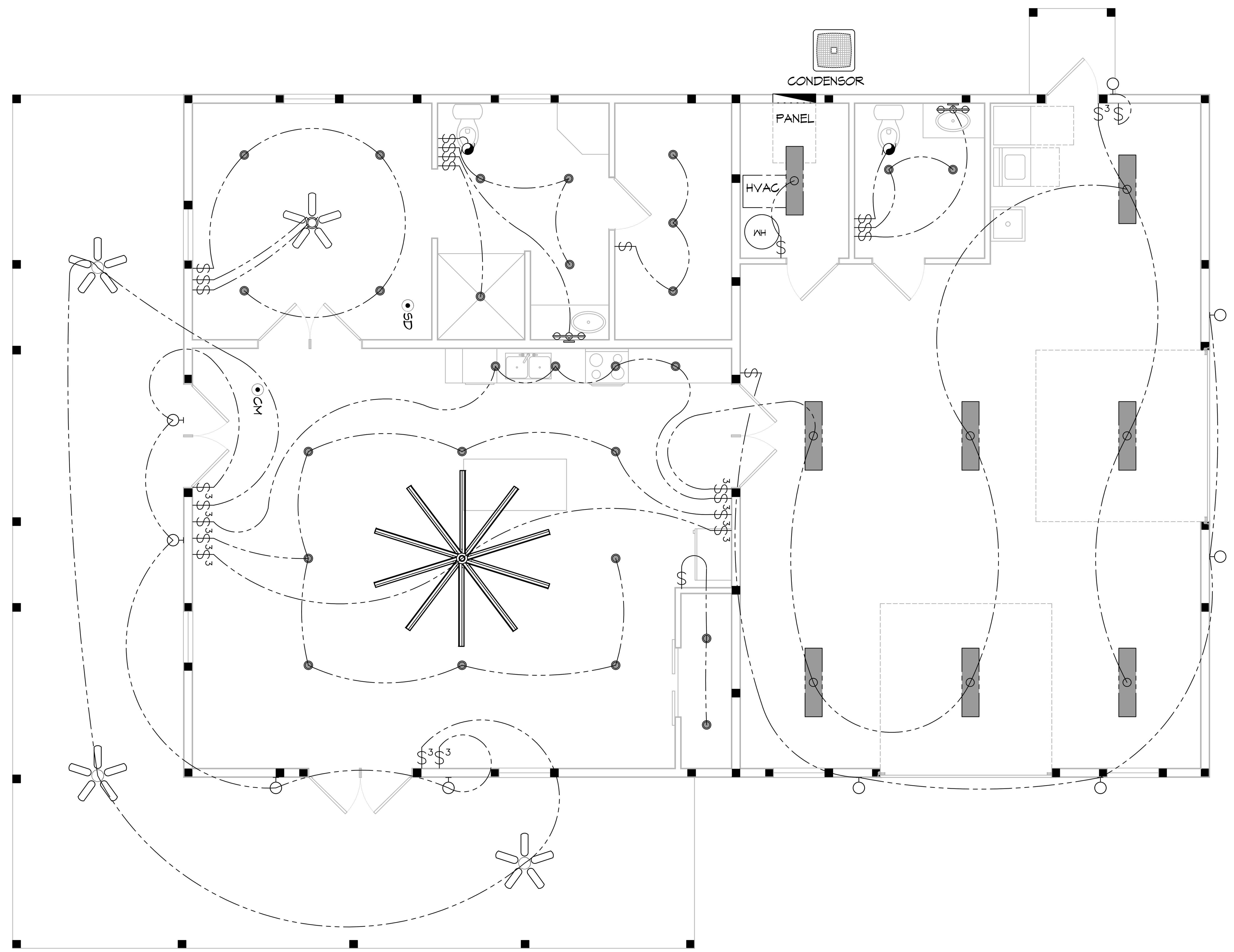
SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101



11 ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

GENERAL POWER NOTES

1. MAIN FEED INTO HOUSE TO BE TRENCHED UNDERGROUND FROM SUPPLY POLE TO METER THEN MAIN DISCONNECT OUTSIDE.
2. ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
3. ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPT EQUIPPED AND ON A SEPARATE CIRCUIT.
4. ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
5. HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
6. OUTLETS, INCLUDING PHONE AND CABLE, MAY BE ADDED OR CHANGED UPON OWNERS REQUEST.
7. ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
8. INSTALL LIGHTS IN ATTIC SPACE W/ SWITCH AT FOOT OF DISP. STAIRS
9. ELECTRICAL SERVICE TO BE A 42 CIRCUIT 225 AMP MAIN LOCATED IN THE HOUSE.
10. A SUB-PANEL MAY NEED TO BE ADDED FOR ENOUGH CIRCUITS.
11. HOUSE TO BE WIRED FOR A SECURITY SYSTEM.
12. ALL KITCHEN OUTLETS ARE TO BE GFI EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.
13. ARC FAULT BREAKERS ARE TO BE USED IN ALL BEDROOMS.
14. IF GAS FIRED APPLIANCES ARE USED IN HOME, CARBON MONOXIDE ALARMS ARE NEEDED (IRC R315).

PRE-WIRE NOTES

1. TELEPHONE "ONE INCOMING LINE"
2. CABLE VISION "ONE OUTLET PER ROOM MINIMUM"
3. SECURITY SYSTEM: COORDINATE W/ OWNER
4. COORDINATE ELECTRICAL SYSTEM WITH MECHANICAL CONTRACTOR
5. ALL WIRING TO BE COPPER MIN. 12/2 W/ GROUND
6. VERIFY LOCATION OF FLOOR OUTLETS IN FAMILY ROOM
7. PROVIDE 220V OUTLET FOR CLOTHES DRYER
8. COORDINATE SURROUND SYSTEM W/ OWNER

LIGHTING LEGEND

- RECESSED FIXTURE
- BATHROOM FIXTURE
- LINEAR LIGHT FIXTURE
- EXHAUST FAN
- CEILING FAN W/ LIGHT FIXTURE
- CEILING FAN
- BIG ASS FAN™
- CM — CARBON MONOXIDE DETECTOR
- SD — SMOKE DETECTOR
- $ — ONE WAY SWITCH
- $3 — THREE WAY SWITCH

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GARRY AND ANGELA FEHN
35165
MOCKINGBIRD LOOP
PEARL RIVER, LA, 70452

JOB No:
DATE: 9-22-2025
DRAWN BY: LJP
CHECKED BY: CKD

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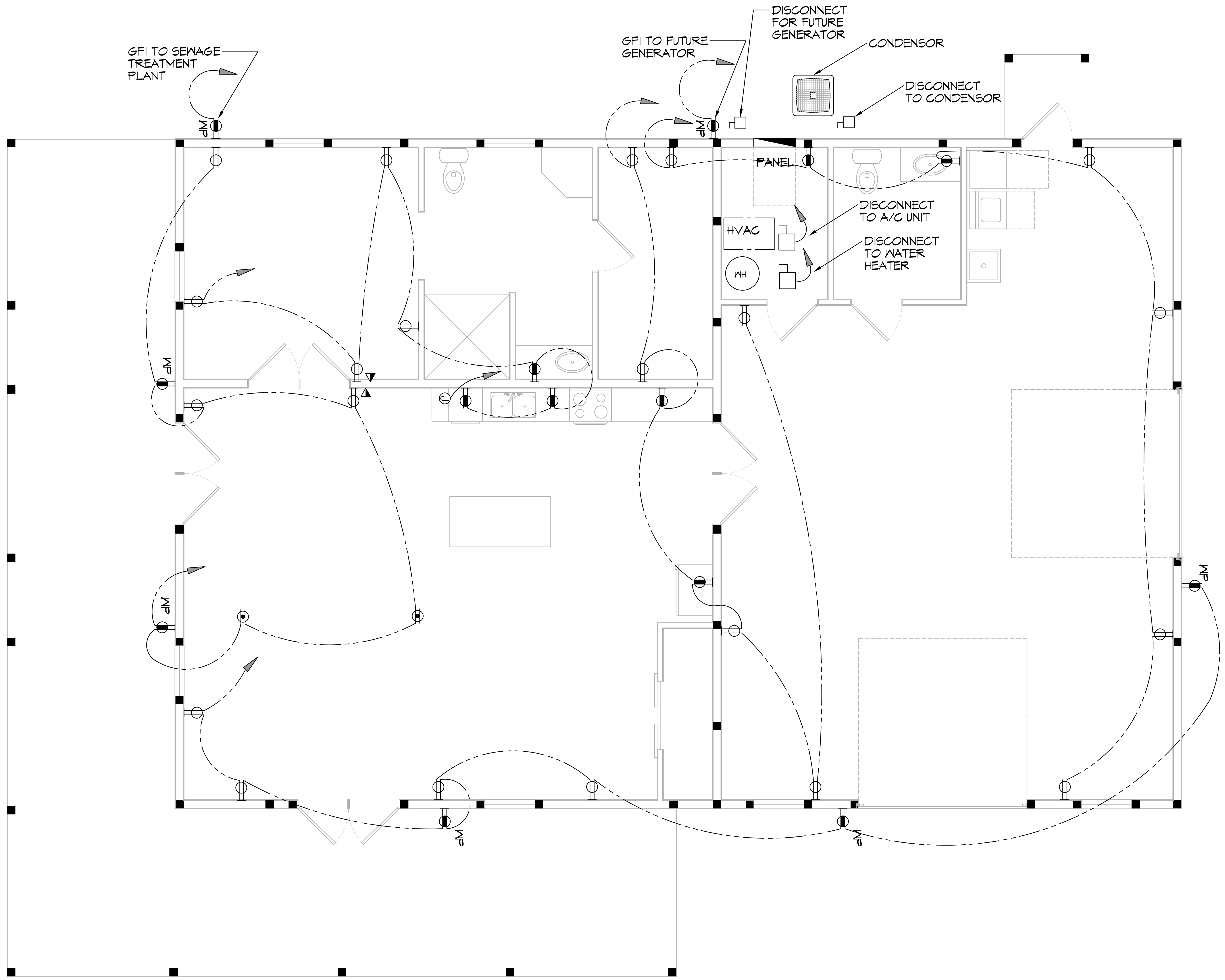
SHEET TITLE:
LIGHTING PLAN

DRAWING NUMBER:
E101



12 POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL POWER NOTES

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7. PROVIDE 220V OUTLET FOR CLOTHES DRYER
8. COORDINATE SURROUND SYSTEM W/ OWNER

POWER LEGEND

- DUPLEX RECEPTACLE
- GFI DUPLEX RECEPTACLE
- WEATHER-PROOF GFI DUPLEX RECEPTACLE (WP)
- FLOOR RECEPTACLE W/ COVER PLATE
- DISCONNECT

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SHEET TITLE:
POWER PLAN

DRAWING NUMBER:
E102