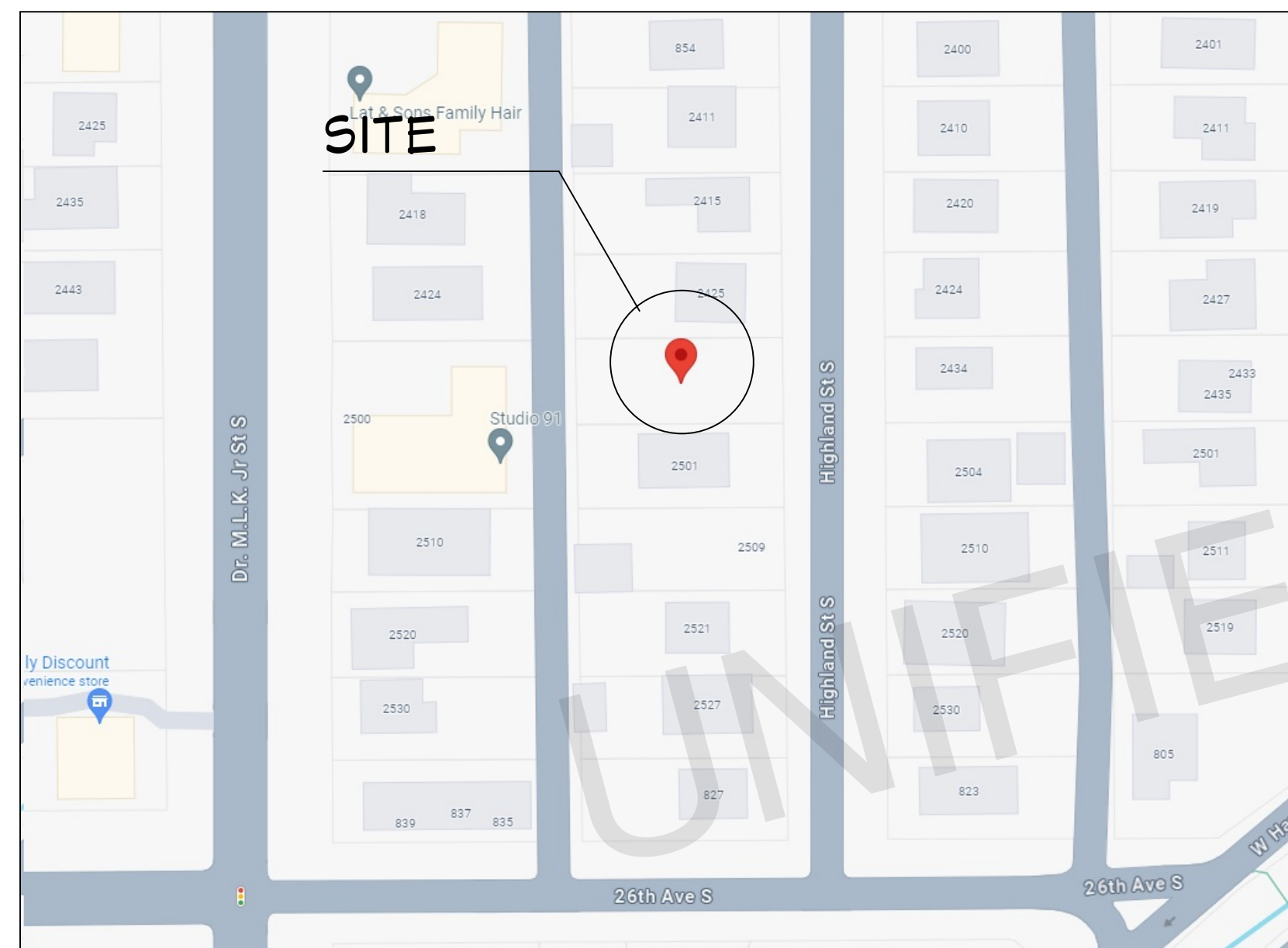


SINGLE-FAMILY RESIDENTIAL BUILDING

ARCHITECT SEAL:

PROJECT SUMMARY

SCALE @ 24" X 36"
DATE: 10-16-2024
DRAWN BY: AK



VICINITY MAP
NOT TO SCALE



RENDERING
FOR ILLUSTRATION ONLY



RENDERING
FOR ILLUSTRATION ONLY

GENERAL NOTES:

THIS PLAN SET, COMBINED WITH THE BUILDING CONTRACT, PROVIDES BUILDING DETAILS FOR THE RESIDENTIAL PROJECT. THE CONTRACTOR SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODES AND LOCAL CODES. CONTRACTOR SHALL BE RESPONSIBLE AND BEAR ANY FINES OR PENALTIES FOR CODE, ORDINANCE, REGULATION OR BUILDING PROCESS VIOLATIONS. INSURANCES SHALL BE IN FORCE THROUGHOUT THE DURATION OF THE BUILDING PROJECT.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS). ALL TRADES SHALL MAINTAIN A CLEAN WORK SITE AT THE END OF EACH WORK DAY.

PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.

BUILDING DESIGN AND CODE DATA:

NOTE: THIS WAS A PURPOSE DRAWING Branch Circuitry and Panel designations to be designed and installed by certified local electrician. L.S. (NFPA 101 LIFE SAFETY CODE) AS APPLICABLE.

APPLICABLE BUILDING CODES:
8TH EDITION 2023 FLORIDA BUILDING CODE - BUILDING
8TH EDITION 2023 FLORIDA BUILDING CODE - ENERGY
8TH EDITION 2023 FLORIDA BUILDING CODE - PLUMBING
8TH EDITION 2023 FLORIDA BUILDING CODE - MECHANICAL
8TH EDITION 2023 FLORIDA BUILDING CODE - ACCESSIBILITY
8TH EDITION 2023 FLORIDA FIRE PREVENTION CODE
NEC NATIONAL ELECTRICAL CODE - NFPA 70

CONSTRUCTION TYPE: (BASED ON CHAPTER 5 OF THE IBC)
CONSTRUCTION TYPE: V B
FIRE RATINGS FOR BUILDING ELEMENTS (BASED ON SECTION 602.1 & TABLES 601 & 602 OF THE IBC):

FIRE PROTECTION SYSTEMS SUMMARY:
AN AUTOMATIC FIRE SPRINKLER SYSTEM AS DESCRIBED PER IBC SECTION 903 IS NOT REQUIRED.

OWNER: [REDACTED]

PROJECT: PROPOSED SINGLE-FAMILY RESIDENTIAL BUILDING
ADDRESS: [REDACTED]

WATER/SEWER: PUBLIC
BUILDING PERMIT: STATE OF FLORIDA
ZONING: NT-1
COUNTY: PINELLAS
OCCUPANCY CLASSIFICATION USE: R-3 (RESIDENTIAL-BASED ON CHAPTER 3 OF THE IBC)

LOT AREA: 6,266 SF
BUILDING AREA: 2771 SF
SITE DISTURBANCE: 3194 SF

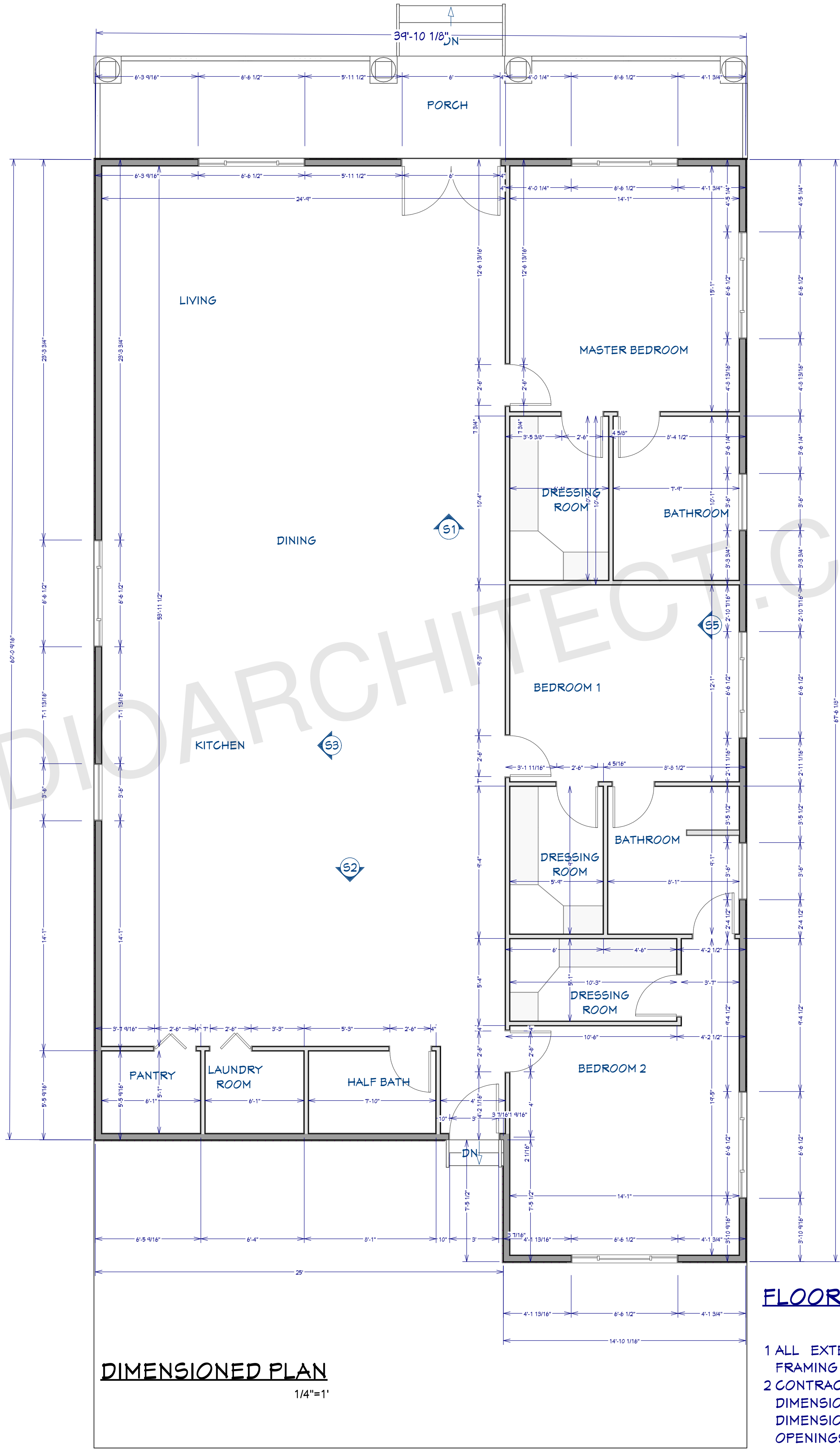
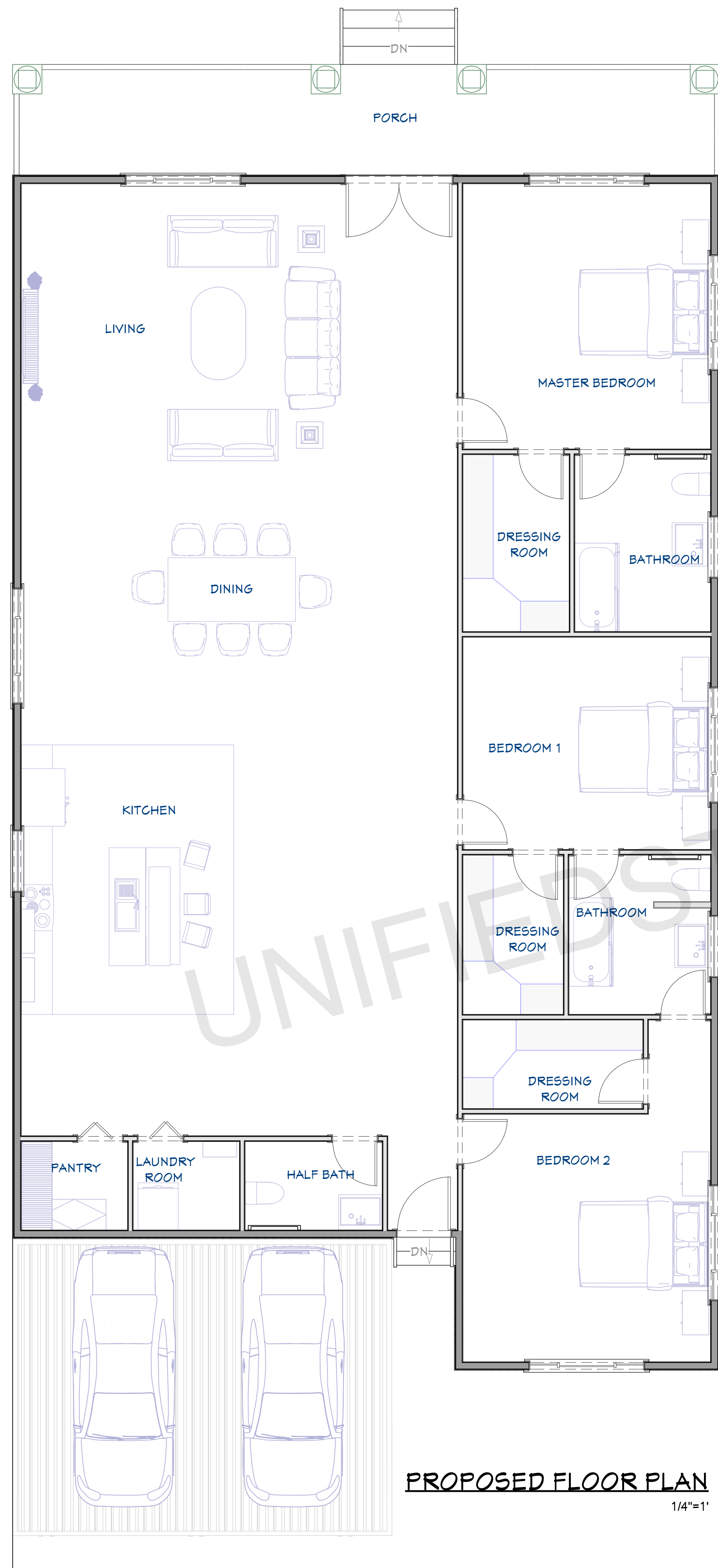
DESIGNER: ASWIN KUMAR

TITLE	SHEET
PROJECT SUMMARY	1
GENERAL NOTES	2
SITE & DISTURBANCE PLAN	3
FOUNDATION PLAN	4
PROPOSED FLOOR PLAN	5
DOOR AND WINDOW SCHEDULE	6
ELEVATIONS	7
FLOOR AND WALL FRAMING PLAN	8
WALL FRAMING	9
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ROOF & FRAMING PLAN	11
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PLUMBING PLAN	17
HVAC NOTES	18
HVAC PLAN	19

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SHEET NUMBER

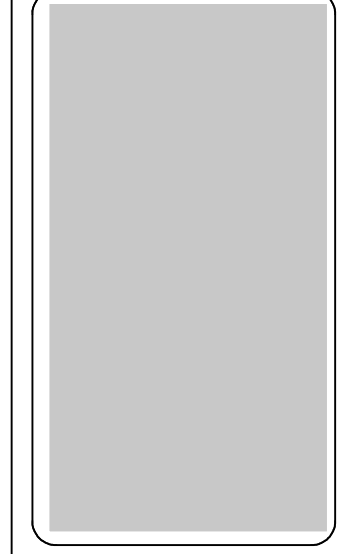
G01



FLOOR PLAN NOTES:

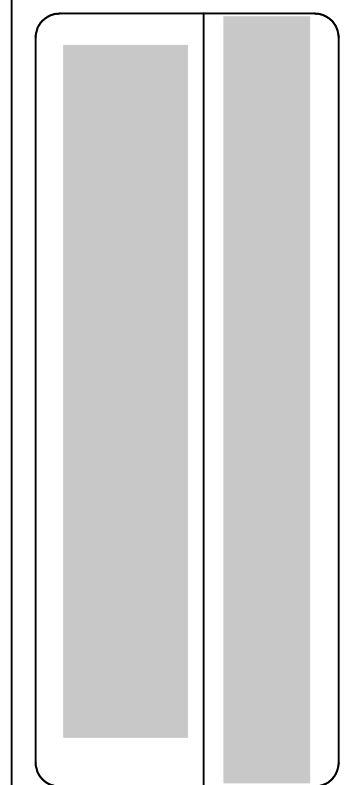
- 1 ALL EXTERIOR DIMENSIONS ARE TO THE FRAMING OR MAIN LAYER.
- 2 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

ARCHITECT SEAL:



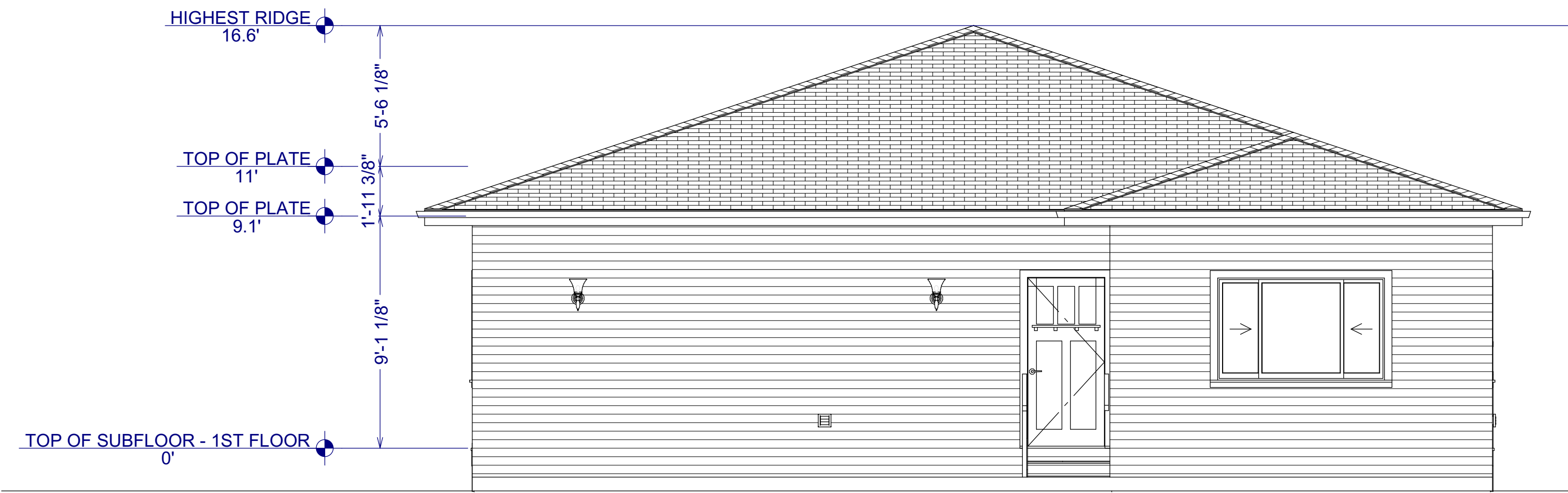
FLOOR PLAN

SCALE @ 24" X 36"
DATE: 10-16-2024
DRAWN BY: AK

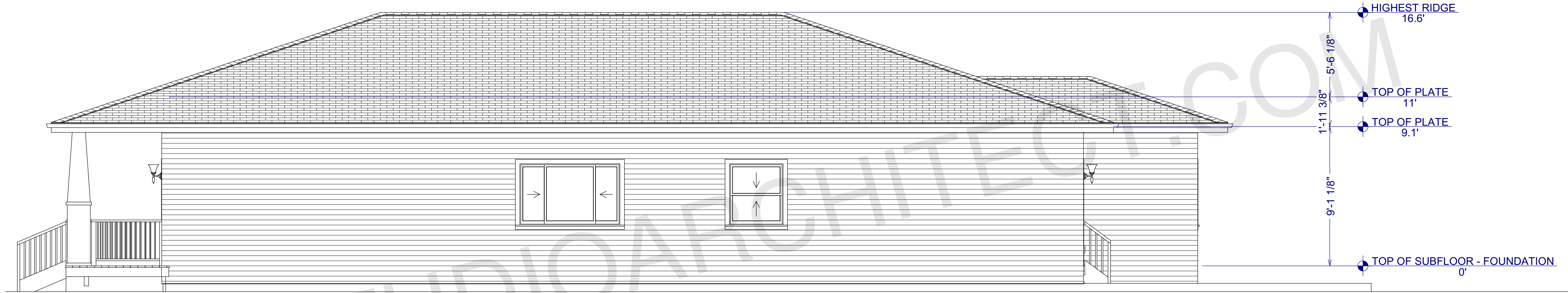


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SHEET NUMBER
A02



REAR ELEVATION
1/4"=1'



RIGHT SIDE ELEVATION
1/4"=1'



REAR ELEVATION
1/4"=1'



LEFT SIDE ELEVATION
1/4"=1'

ARCHITECT SEAL:

ELEVATION

SCALE @ 24" X 36"

DATE: 10-16-2024

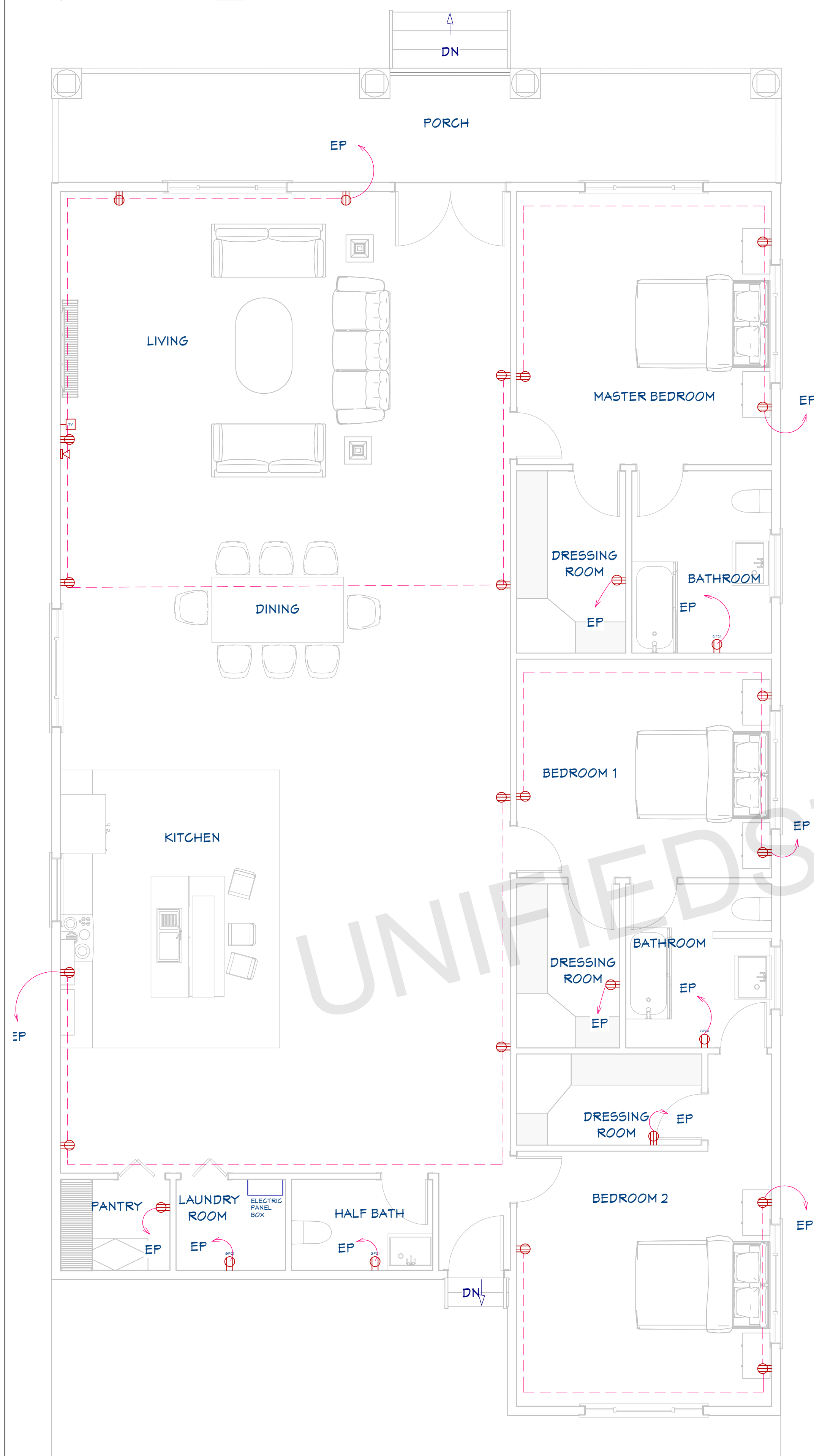
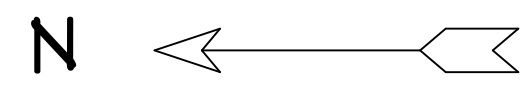
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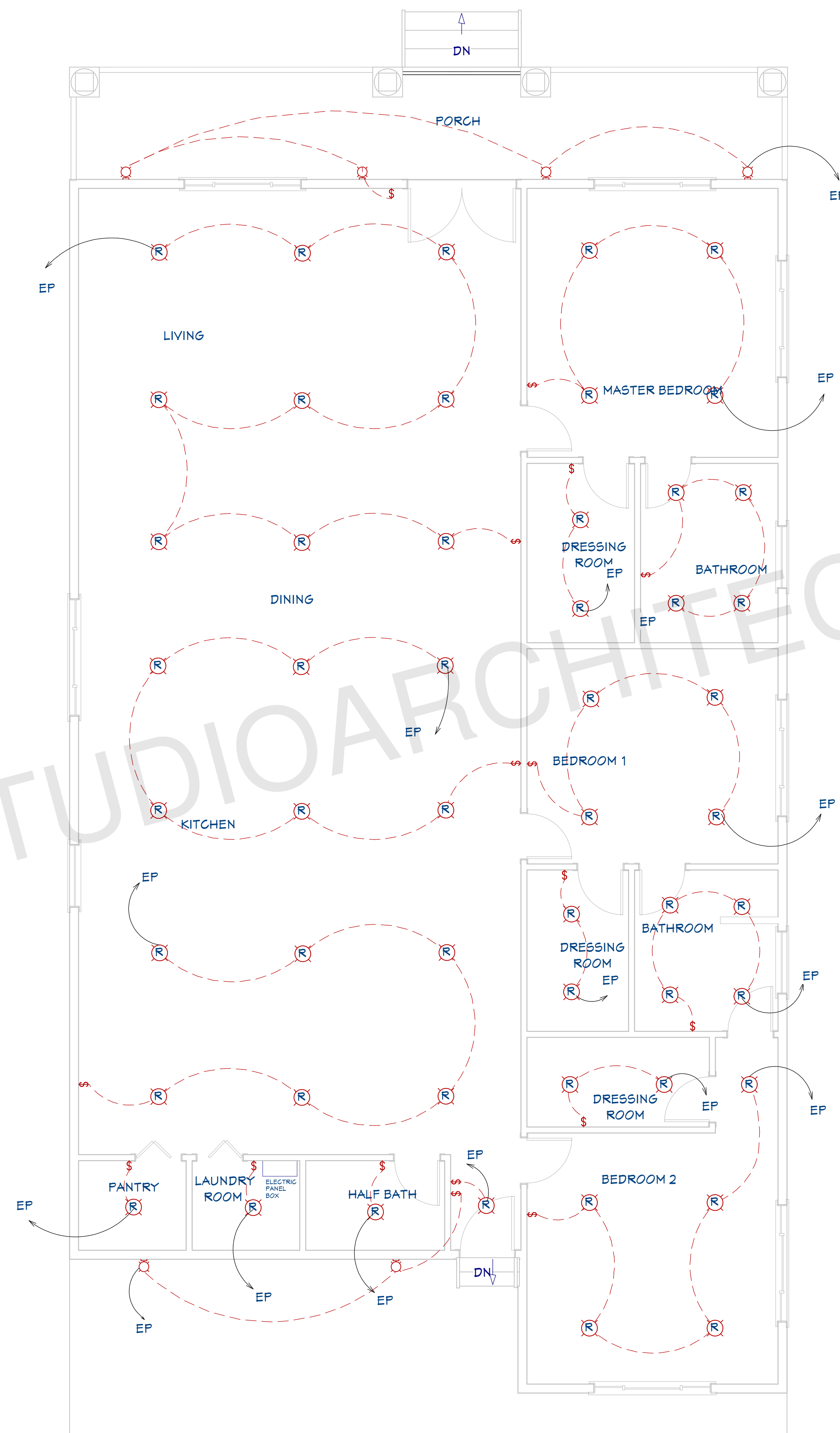
SHEET NUMBER

A03



POWER PLAN

1/4"=1'



LIGHTING PLAN

1/4"=1'

ELECTRICAL LEGEND

- 110V OUTLET (RECEPTACLES)
- CONNECTION
- CFGI OUTLET
- HOME RUN
- ELECTRICAL PANEL
- LED LIGHT
- WALL MOUNTED LIGHT
- SWITCHES
- TV OUTLET
- TELEPHONE OUTLET

NOTE:

BRANCH CIRCUITRY AND PANEL DESIGNATIONS TO BE DESIGNED AND INSTALLED BY CERTIFIED LOCAL ELECTRICIAN

ABBREVIATIONS AND CALLOUTS (TYP.)

Δ	DELTA	IU-X	INDOOR UNIT
γ	WYE	J/JB	JUNCTION BOX
A	AMPS	kcmil	THOUSAND CIRCULAR MIL
AC	ALTERNATING CURRENT	KEF-X	KITCHEN EXHAUST FAN
AD	ACCESS DOOR	KW	KILOWATT
AFCI/AFI	ARC FAULT CIRCUIT INTERRUPTER	L-X	LOUVER (POWERED)
AFF	ABOVE FINISH FLOOR	LED	LIGHT EMITTING DIODE
AHU-X	AIR HANDLING UNIT	MAU-X	MAKE UP AIR UNIT
AIC	AMPERE INTERRUPTING CAPACITY	MAX	MAXIMUM
AJD	ADJUSTABLE	MCA	MAX. CIRCUIT AMPERAGE
AL	ALUMINUM	MCB	MAIN CIRCUIT BREAKER
AOR	ARCHITECT OF RECORD	MCC	MOTORIZED CONTROL CENTER
ATS	AUTOMATIC TRANSFER SWITCH	MIN	MINIMUM
BC-X	BRANCH CONTROLLER	MIU-X	MULTI-SPLIT INDOOR UNIT
BKR	BREAKER	MLO	MAIN LUGS ONLY
BOD	BASIS OF DESIGN	MOCP	MAX. OVERCURRENT PROTECTION
CB	CIRCUIT BRANCH	MOU-X	MULTI-SPLIT OUTDOOR UNIT
CLG	CEILING	MOD	MOTORIZED DAMPER
COMP-X	COMPRESSOR	N	NEUTRAL
CU	COPPER	N/A	NOT APPLICABLE
CU-X	CONDENSING UNIT	NC	NORMALLY CLOSED
DC	DIRECT CURRENT	NO	NORMALLY OPEN
DIM	DIMMER	OU-X	OUTDOOR UNIT
DWGS	DRAWINGS	PNL	PANEL
EDH	ELECTRICAL DUCT HEATER	PIU-X	POWERED INDUCTION UNIT
EF-X	EXHAUST FAN	RMS	ROOT MEAN SQUARE
EOR	ENGINEER OF RECORD	RTU-X	ROOFTOP UNIT
EX	EXISTING	SF	SQUARE FEET
FA	FIRE ALARM	SWBD	SWITCHBOARD
FAA	FIRE ALARM ANNUCIATOR PANEL	TP	TAMPER PROOF
FACP	FIRE ALARM CONTROL PANEL	TV	TELEVISION
FCU-X	FAN COIL UNIT	TYP	TYPICAL
FD	FIRE DAMPER	UG	UNDERGROUND
FSD	FIRE/SMOKE DAMPER	UH-X	UNIT HEATER (ELECTRIC)
FT	FEET	V	VOLTS
G/GRND	GROUND	VA	VOLT-AMPERES
GEN	GENERATOR	VAV-X	VARIABLE AIR VOLUME UNIT
GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER	VFD	VARIABLE FREQUENCY DRIVE
GUH-X	GAS UNIT HEATER	W	WATTS
H/C	HEATING COIL	W/	WITH
HP	HORSEPOWER	WH-X	WATER HEATER
HP-X	HEAT PUMP	WP	WEATHERPROOF
HR	HOUR	XFMR	TRANSFORMER
HZ	HERZ	XP	EXPLOSION PROOF
IG	ISOLATED GROUND	Z	IMPEDANCE
IN	INCHES		

ARCHITECT SEAL:



ELECTRICAL PLAN

SCALE @ 24" X 36"

DATE: 10-16-2024

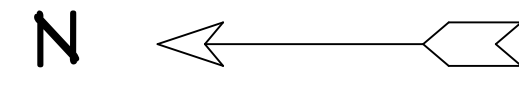
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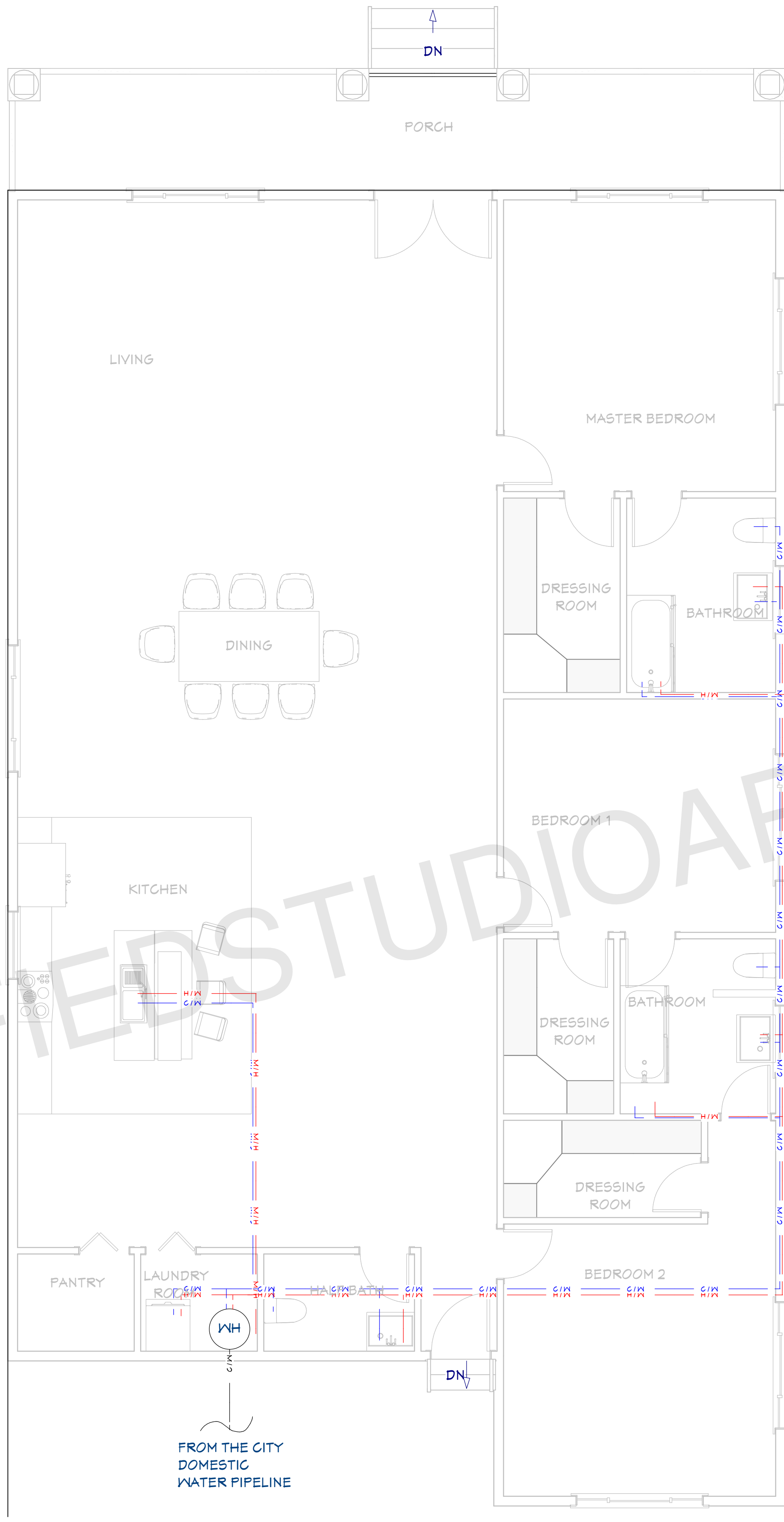


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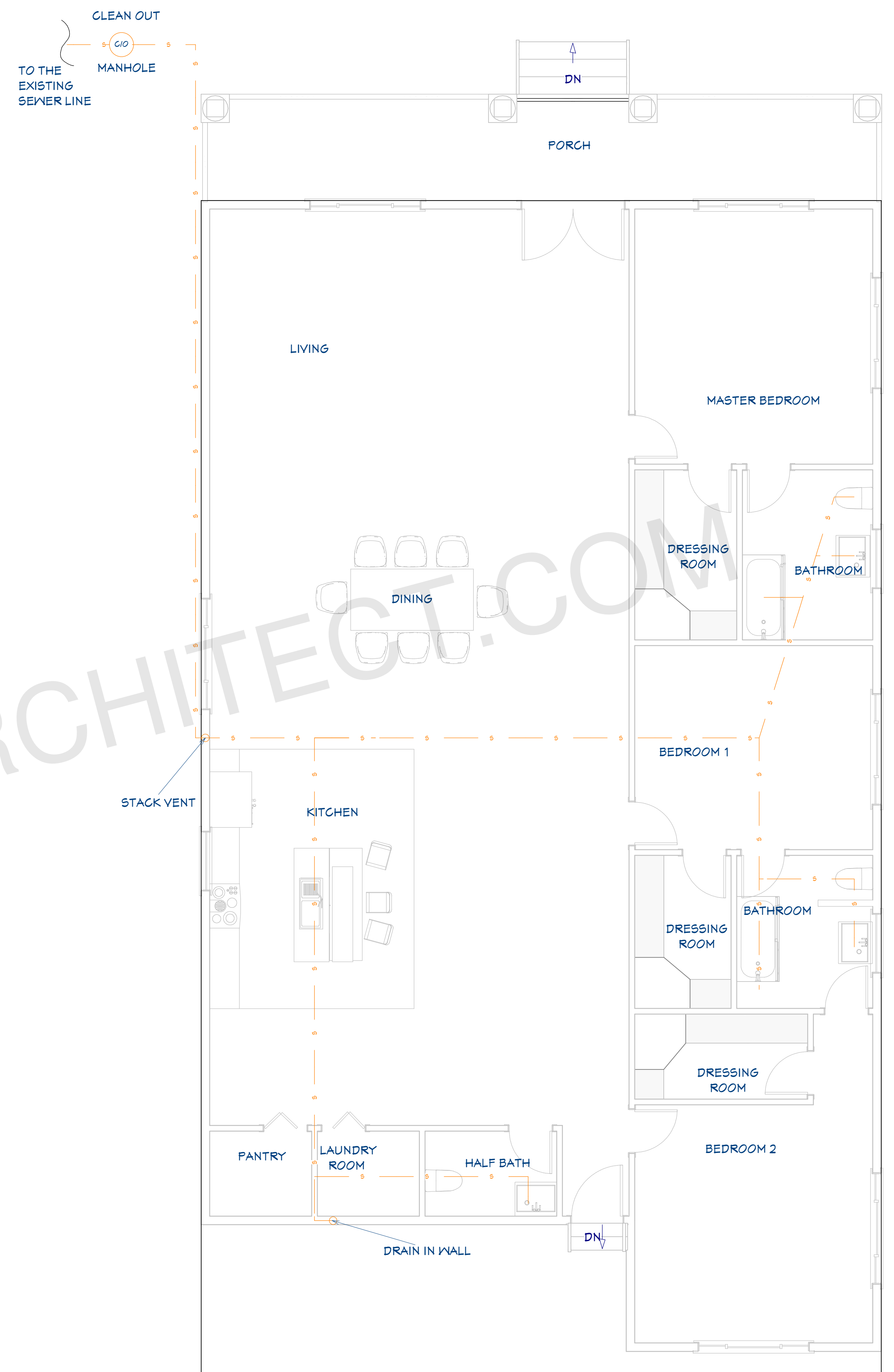
A09



PLUMBING LEGEND	
SYMBOL	DESCRIPTION
— HW —	HOT WATER, COPPER TYPE L, OR CPVC
— W —	COLD WATER, COPPER TYPE L, OR PVC
— SS —	WASTE, PVC, SCHEDULE 40 (DWV)
— — —	VENT, (DWV)



DOMESTIC PIPELINE PLAN
1/4"=1'



SEWER PLAN
1/4"=1'

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ARCHITECT SEAL:

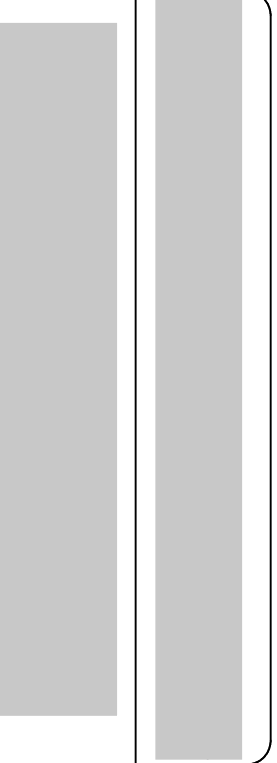


PLUMBING PLAN

SCALE @ 24" X 36"

DATE: 10-16-2024

DRAWN BY: AK



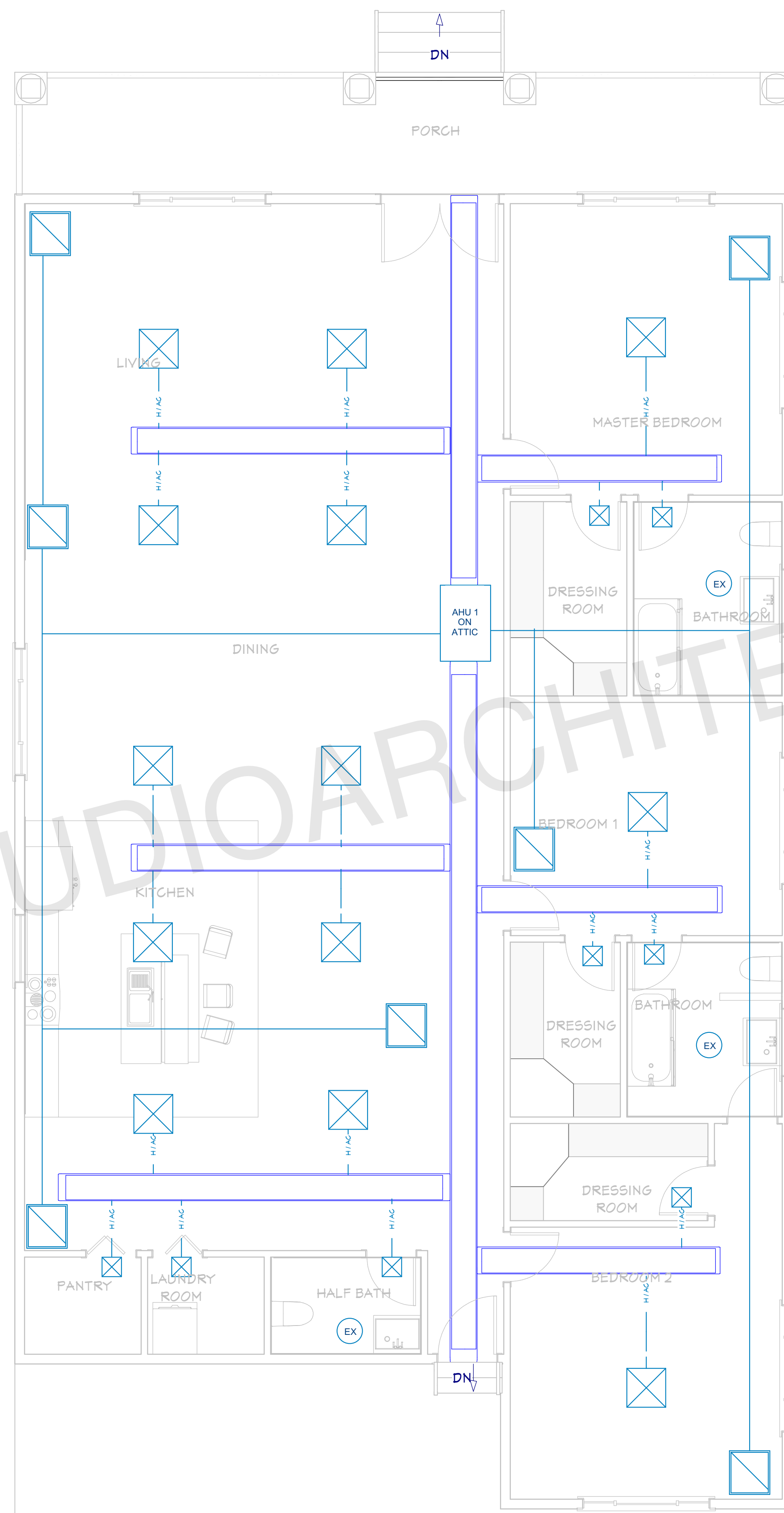
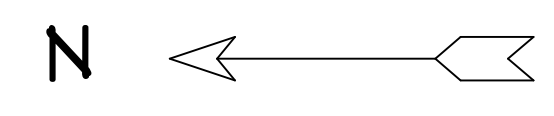
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A10

ABBREVIATIONS

AD	ACCESS DOOR	KW	KILOWATT
AFF	ABOVE FINISH FLOOR	LAT	LEAVING AIR TEMPERATURE
AHU-X	AIR HANDLING UNIT	LBS	POUNDS
AJD	ADJUSTABLE	LD	LINEAR SLOT DIFFUSER
AOR	ARCHITECT OF RECORD	LF	LINEAR FEET
BD	BACKDRAFT DAMPER	LR	LINEAR SLOT RETURN
BOD	BASIS OF DESIGN	MA	MAKE UP AIR
BTU	BRITISH THERMAL UNIT	MAU-X	MAKE UP AIR UNIT
BTU/HR	BRITISH THERMAL UNIT PER HOUR	MAX	MAXIMUM
C/C	COOLING COIL	MBH	1,000 BTH/HR
CD	CEILING DIFFUSER	MCA	MAX. CIRCUIT AMPERAGE
CFM	CUBIC FEET PER MINUTE	MIN	MINIMUM
CLG	CEILING	MIU-X	MULTI-SPLIT INDOOR UNIT
COMP-X	COMPRESSOR	MOCP	MAX. OVERCURRENT PROTECTION
CONC	CONCRETE	MOD	MOTORIZED DAMPER
COND	CONDENSATE	MOU-X	MULTI-SPLIT OUTDOOR UNIT
CU-X	CONDENSING UNIT	MD	MANUAL DAMPER
dB	DECIBEL	NO	NORMALLY OPENED
DB	DRY BULB	NC	NORMALLY CLOSED
∅	DIAMETER	N/A	NOT APPLICABLE
DD	DUCT MOUNTED AIR DIFFUSER	OA	OUTSIDE AIR
DN	DOWN	OC	ON CENTER
DR	DUCT MOUNTED AIR RETURN	OU-X	MINI-SPLIT OUTDOOR UNIT
DWGS	DRAWINGS	PIU-X	POWERED INDUCTION UNIT
EA	EXHAUST AIR	RA	RETURN AIR
EAT	ENTERING AIR TEMPERATURE	RG	RETURN AIR GRILLE
EDH	ELECTRICAL DUCT HEATER	RH	RELATIVE HUMIDITY
EF-X	EXHAUST FAN	RPM	ROTATIONS PER MINUTE
EG	EXHAUST GRILLE	RTU-X	ROOFTOP UNIT
EOR	ENGINEER OF RECORD	SA	SUPPLY AIR
ESP	EXTERNAL STATIC PRESSURE	SF	SQUARE FEET
EX	EXISTING	SP	STATIC PRESSURE
EXH	EXHAUST	SR	SUPPLY REGISTER
FCU-X	FAN COIL UNIT	SS	STAINLESS STEEL
FD	FIRE DAMPER	TG	TRANSFER GRILLE
FSD	FIRE/SMOKE DAMPER	TYP	TYPICAL
FT	FEET	UC	UNDERCUT
H/C	HEATING COIL	UH-X	UNIT HEATER
HP	HORSEPOWER	VAV-X	VARIABLE AIR VOLUME UNIT
HP-X	HEAT PUMP	VFD	VARIABLE FREQUENCY DRIVE
HR	HOUR	W/	WITH
IN	INCHES	WET BULB	WET BULB
IU-X	MINI-SPLIT INDOOR UNIT	WC	WATER COLUMN
KEF-X	KITCHEN EXHAUST FAN	WG	WATER GAUGE



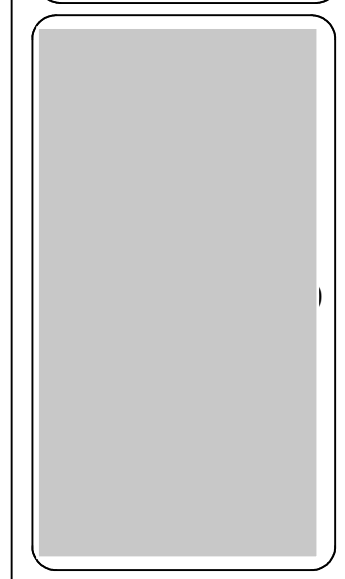
HVAC LEGEND

-  RETURN
-  SUPPLY AIR DIFFUSER

HVAC PLAN

3/16"=1'

ARCHITECT SEAL:

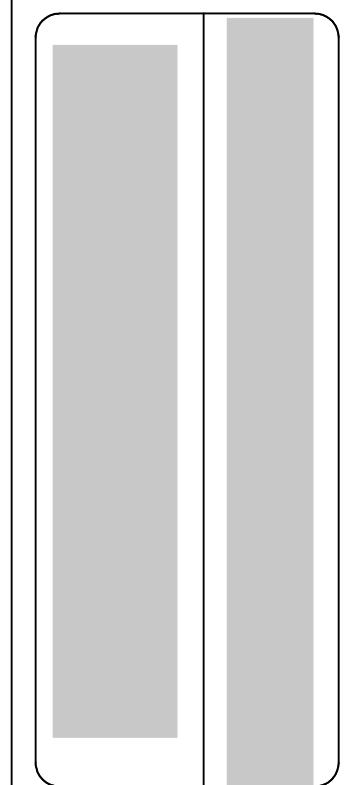


HVAC PLAN

SCALE @ 24" X 36"

DATE: 10-16-2024

DRAWN BY: AK



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E02