

POLE BARN COMMERCIAL BUILDING



ARCHITECT SEAL:



VICINITY MAP
NTS

RENDERING
FOR ILLUSTRATION ONLY

PROJECT SUMMARY

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

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.

APPLICABLE BUILDING CODES:

- 1 INTERNATIONAL BUILDING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2022), (2024)
- 2 INTERNATIONAL RESIDENTIAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2024)
- 3 INTERNATIONAL FIRE CODE, 2018 EDITION (CONTACT STATE FIRE MARSHAL BELOW)
- 4 INTERNATIONAL PLUMBING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2022), (2023), (2024)
- 5 INTERNATIONAL MECHANICAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2024)
- 6 INTERNATIONAL FUEL GAS CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020), (2022)
- 7 NATIONAL ELECTRICAL CODE, 2020 EDITION, WITH GEORGIA AMENDMENTS (2021)
- 8 INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION, WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2020), (2022), (2023)
- 9 INTERNATIONAL SWIMMING POOL AND SPA CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020)
- 10 LIFE SAFETY CODE 2018 NFPA 101 WITH GEORGIA AMENDMENTS (2020)
- 11 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

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):

OWNER: [REDACTED]

PROJECT: POLE BARN COMMERCIAL BUILDING
ADDRESS: [REDACTED]

WATER/SEWER: PUBLIC/SEPTIC TANK
BUILDING PERMIT: STATE OF GEORGIA
COUNTY: FAULDING
OCCUPANCY CLASSIFICATION USE: B

LOT AREA: 20.66 ACRES
BUILDING AREA: 3600 SFT.
SITE DISTURBANCE:

ARCHITECT: ASWIN KUMAR
CONTACT: +1 302-889-1886

DESIGN CONSULTANT: TRANSFORMATIVE CONSTRUCTION
BUILDER: [REDACTED]

INDEX OF DRAWINGS

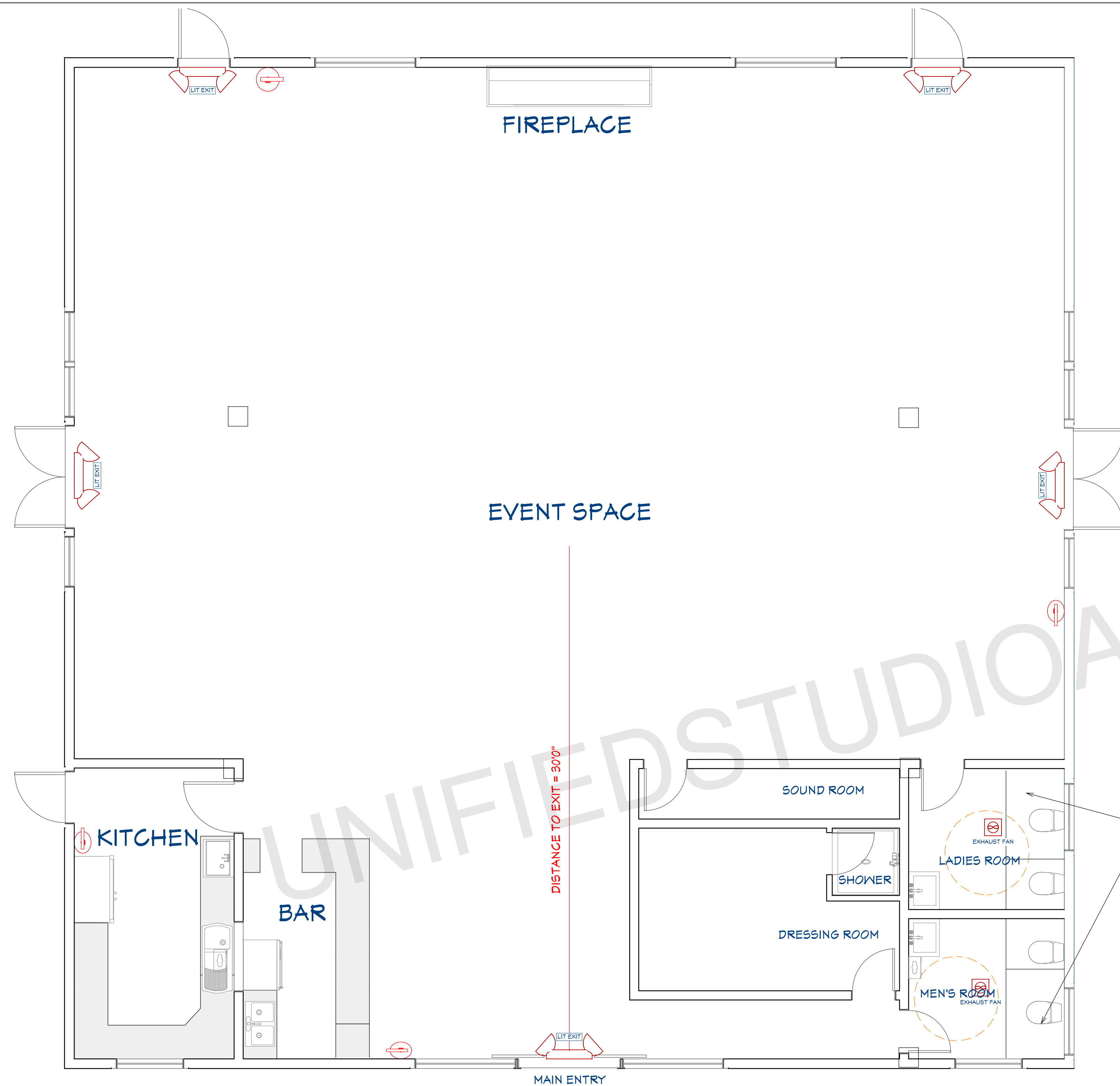
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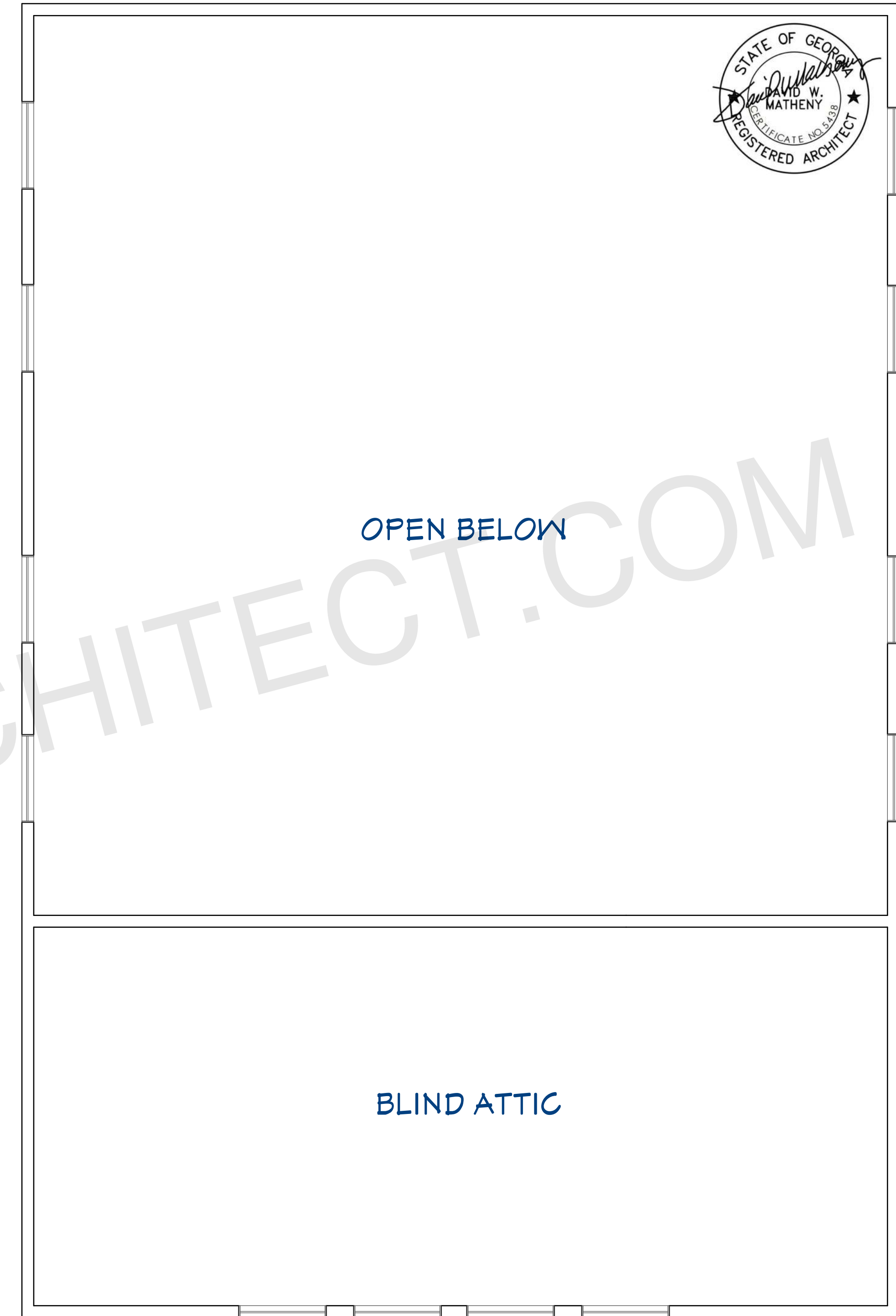
SHEET NUMBER

G01



FIRST FLOOR PLAN

1/4"=1'



SECOND FLOOR PLAN

1/4"=1'

EGRESS AND FIRE NOTES

1. FIRE EXTINGUISHER CABINET (FEC) SHALL BE WALL BE EITHER CABINET TYPE OR WALL HUNG. RATED CABINETS TO MATCH CLASS OF REQUIRED EXTINGUISHER.
2. APPROVED BUILDING NUMBER AND ADDRESS SHALL BE PLACED IN SUCH A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. SAID NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND.
3. AT ANY TIME THE BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT FLOOR LEVEL. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL EGRESS COMPONENTS INCLUDING AISLES, EGRESS STAIRWAYS, AND CORRIDORS FOR NOT LESS THAN 90 MINUTES AND SHALL BE EQUIPPED WITH STORAGE BATTERIES.
4. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
5. PROVIDE TACTILE EXIT SIGNS AT EXIT DOORS
6. DEVICE LOCATIONS ARE DIAGRAMMATIC - REFER TO EGRESS PLANS FOR LAYOUT LOCATIONS AND EXIT ACCESS TRAVEL DISTANCES.
7. EXIT SIGNS - MOUNTED AT STOREFRONT SYSTEMS - MOUNT TO FRAME AT DOOR HEAD
8. CONTRACTOR SHALL PROVIDE TACTILE SIGNS AT LOCATIONS REQUIRED BY ADA

NOTES:

IN ACCORDANCE WITH NFPA 101 SECTION 12.3.5.3 AN AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED IN A SINGLE ASSEMBLY ROOM OF LESS THAN 12,000 SQUARE FEET.

IN ACCORDANCE WITH NFPA 101 SECTION 12.3.4.1.1 A FIRE ALARM SYSTEM IS NOT REQUIRED FOR AN ASSEMBLY SPACE WITH AN OCCUPANCY LOAD LESS THAN 300 OCCUPANTS.

EGRESS WIDTH OF EVENT SPACE:

OCCUPANCY TYPE: A2 (15 SF/ PERSON)
 3106 SF / 15 SF = 207.1
 = 207 PERSONS (Appox.)
 OCCUPANCY = 207X 0.2
 = 41.4" (72" PROVIDED)

EGRESS WIDTH OF KITCHEN:

OCCUPANCY TYPE: A2 (100 SF/ PERSON)
 164 SF / 100 SF = 1.64 = 2 PERSONS (Appox.)
 OCCUPANCY = 1.64X 0.2
 = 41.4" (72" PROVIDED)

LEGEND:

- EMERGENCY EXIT SIGN WITH LIGHT
- FIRE EXTINGUISHER



ARCHITECT SEAL:

LIFE SAFETY PLAN

SCALE @ 24" X 36"

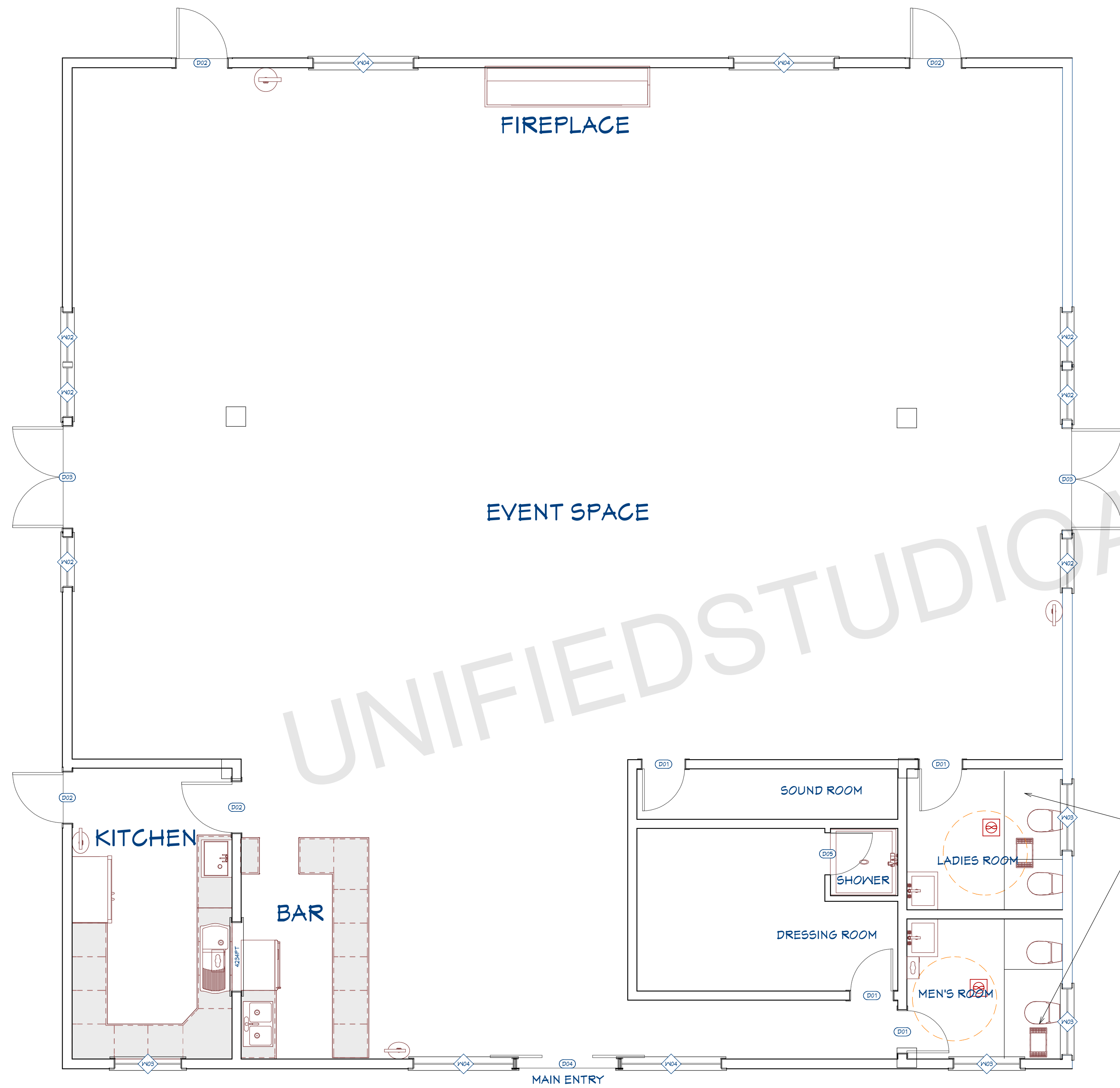
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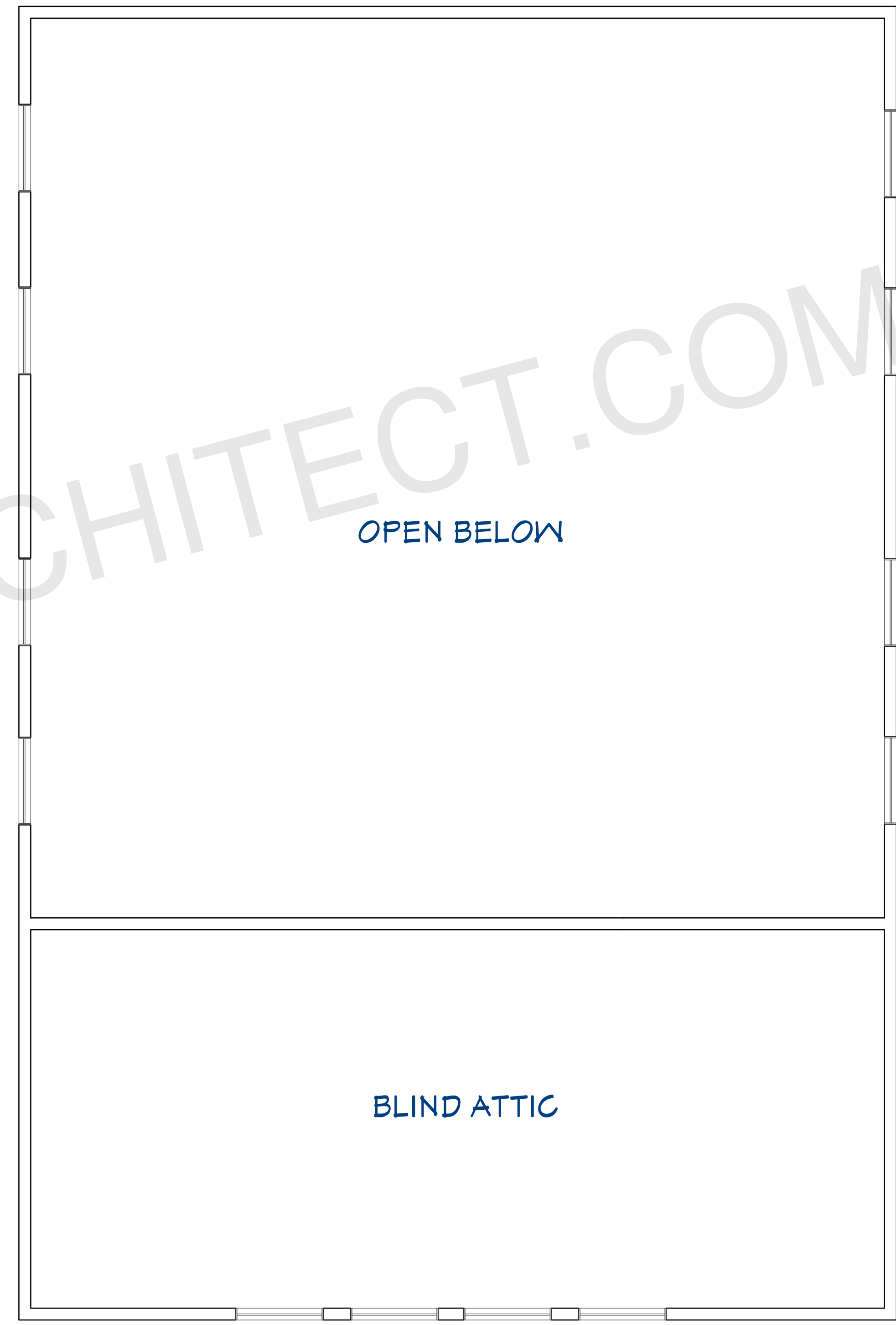
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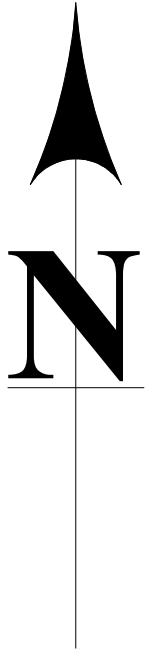
A02



FIRST FLOOR PLAN
1/4"=1'



ATTIC FLOOR PLAN
1/4"=1'



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ARCHITECT SEAL:

FLOOR PLAN

SCALE @ 24" X 36"

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SHEET NUMBER

A03



RIGHT ELEVATION
1/4"=1'



LEFT ELEVATION
1/4"=1'

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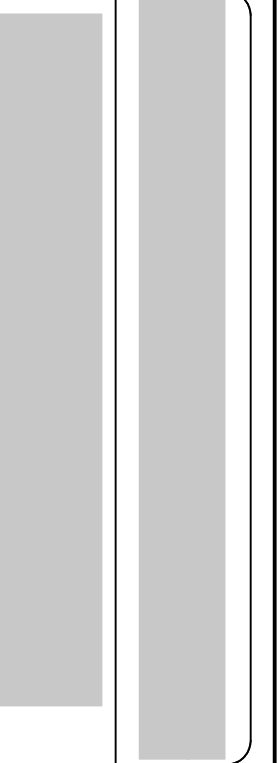


ELEVATION

SCALE @ 24" X 36"

DATE: 10-16-2024

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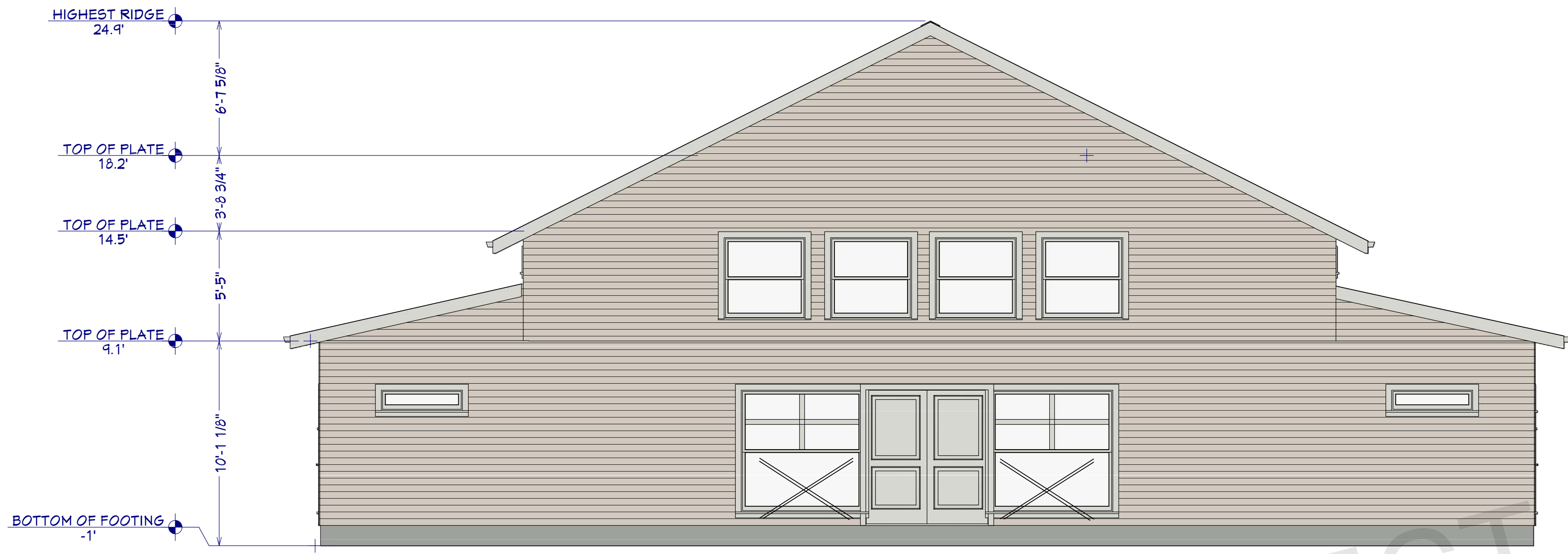


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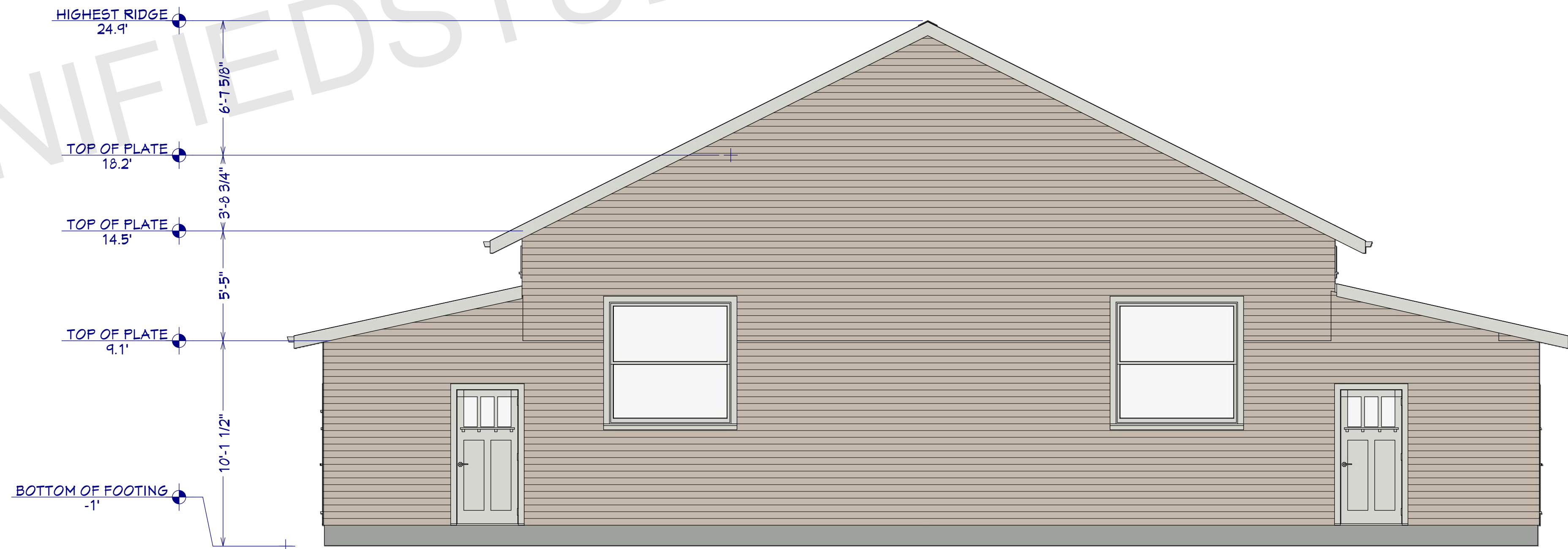


SHEET NUMBER

A09



FRONT ELEVATION
1/4"=1'



REAR ELEVATION
1/4"=1'

ARCHITECT SEAL:

ELEVATION

SCALE @ 24" X 36"

DATE: 10-16-2024

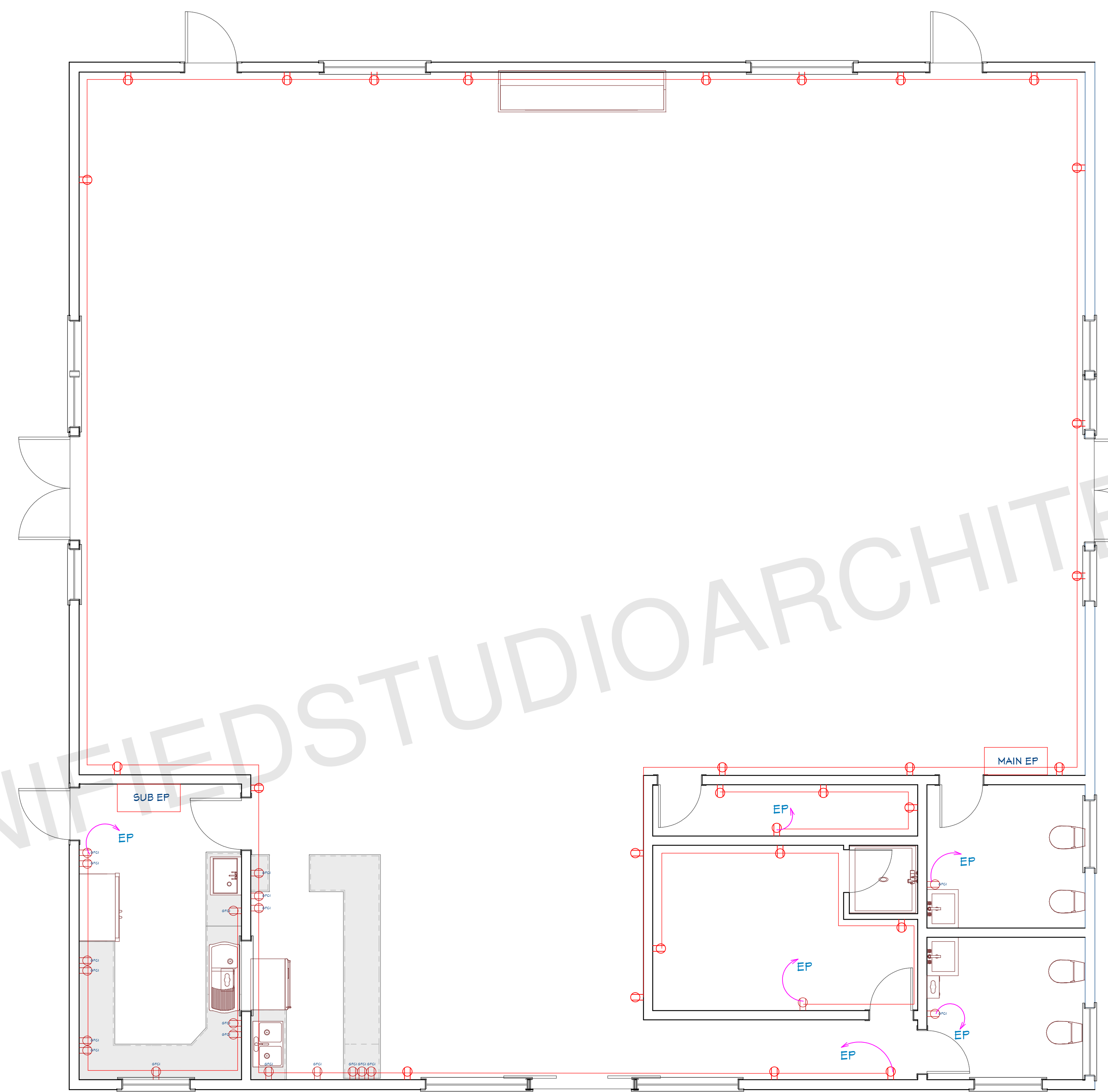
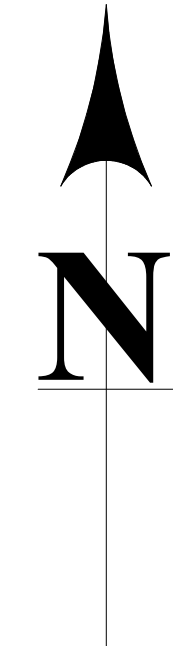
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SHEET NUMBER

A10



ELECTRICAL LEGEND

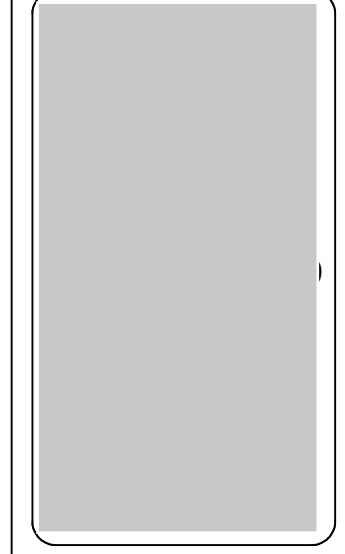
	110V OUTLET (RECEPTACLES)
	CONNECTION
	GFCI OUTLET
	HOME RUN
	ELECTRICAL PANEL
	LED LIGHT
	WALL MOUNTED LIGHT
	SWITCHES
	GFCI WP OUTLET
	WATERPROOF ELECTRICAL PANEL

FIRST FLOOR POWER PLAN
1/4"=1'

NOTE:

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

ARCHITECT SEAL:

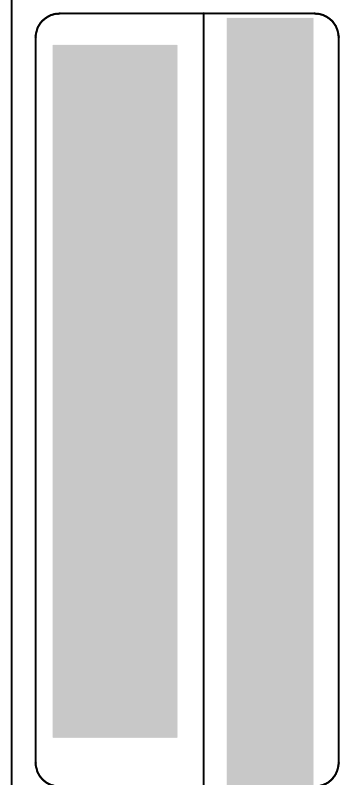


POWER PLAN

SCALE @ 24" X 36"

DATE: 10-16-2024

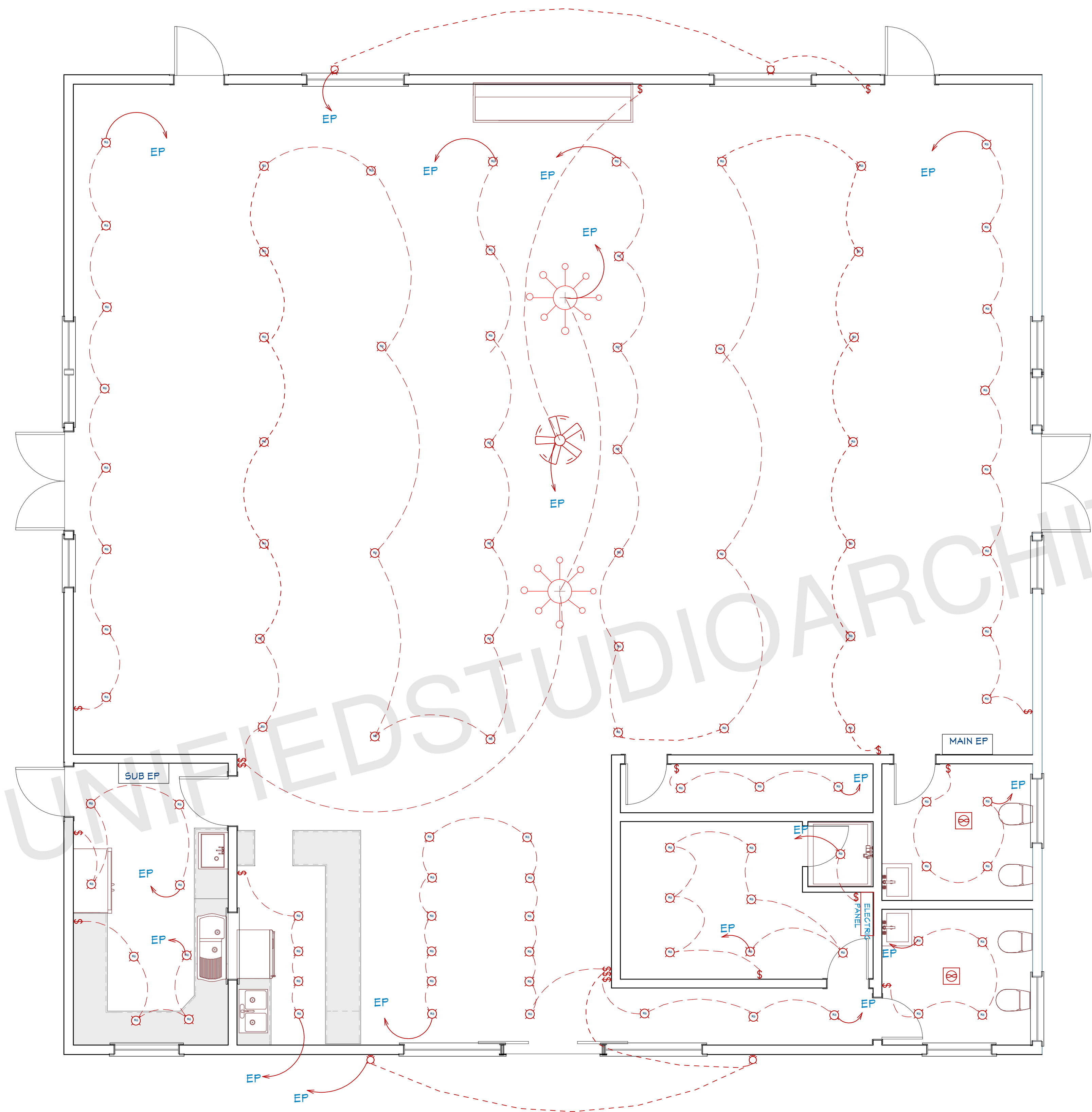
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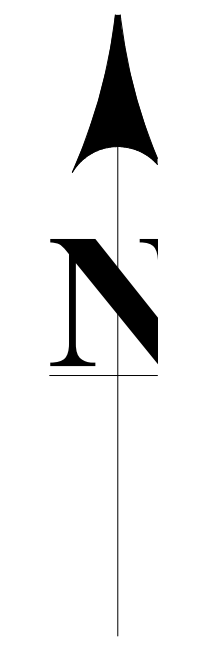
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E02



ELECTRICAL LEGEND

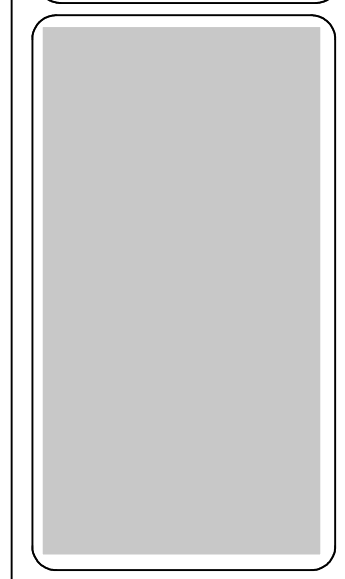
	110V OUTLET (RECEPTACLES)
	CONNECTION
	GFCI OUTLET
	HOME RUN
	ELECTRICAL PANEL
	LED LIGHT
	WALL MOUNTED LIGHT
	SWITCHES
	GFCI WP OUTLET
	WATERPROOF ELECTRICAL PANEL



FIRST FLOOR LIGHTING PLAN
1/4"=1'

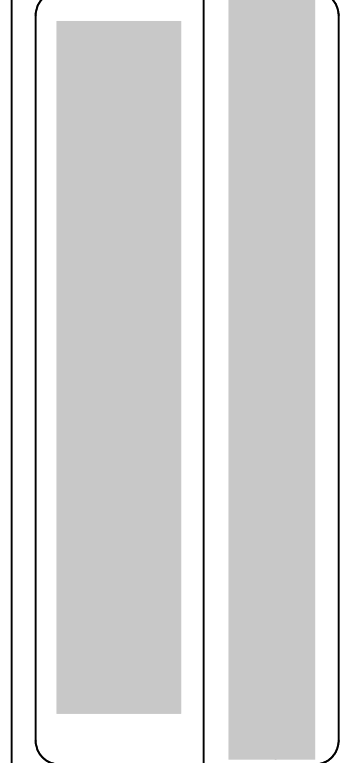
NOTE:
BRANCH CIRCUITRY AND PANEL DESIGNATIONS TO BE DESIGNED AND INSTALLED BY
CERTIFIED LOCAL ELECTRICIAN

ARCHITECT SEAL:



LIGHTING PLAN

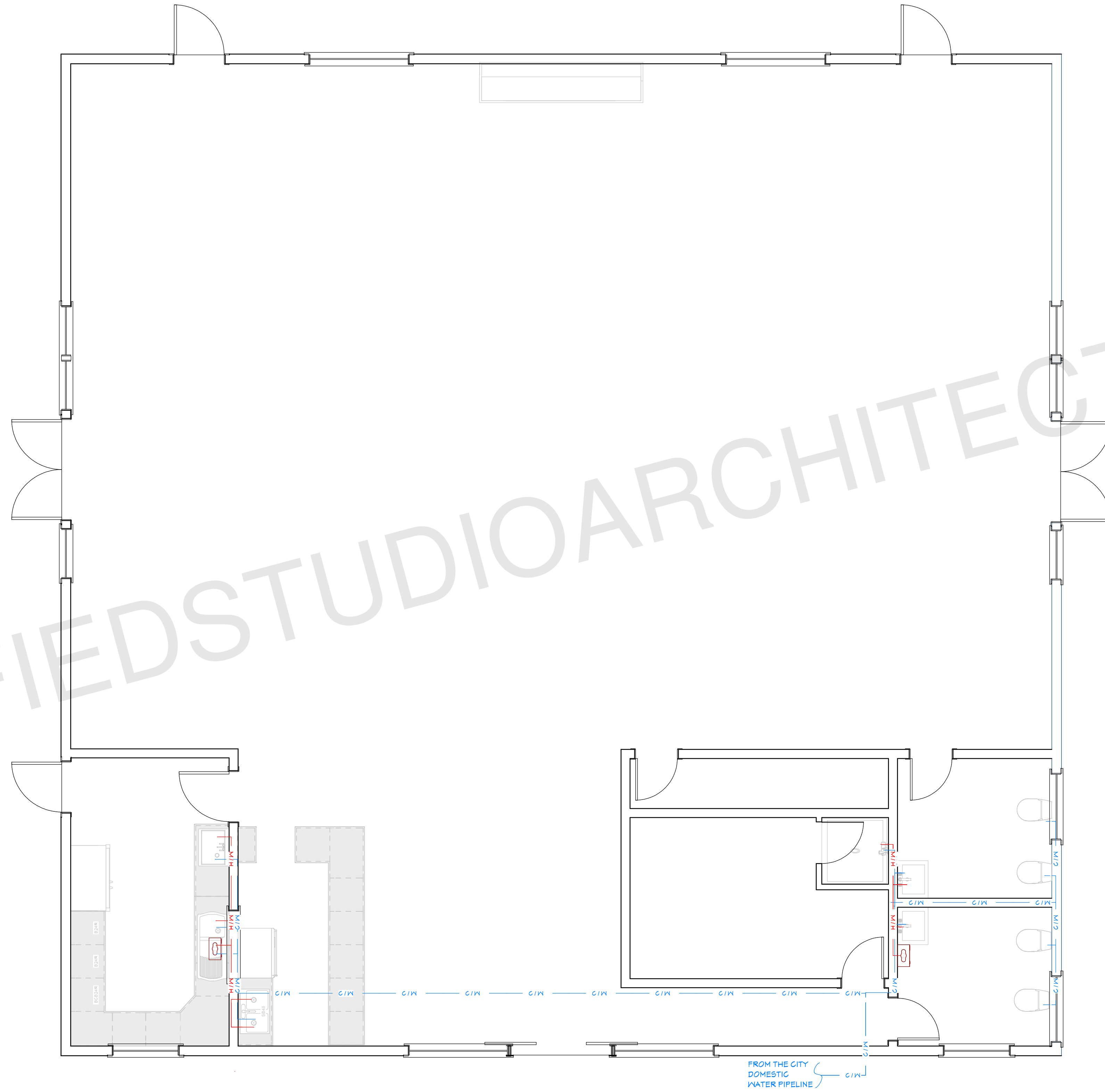
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SHEET NUMBER
E03

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)



FIRST FLOOR DOMESTIC WATER PIPELINE PLAN

1/4"=1'



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ARCHITECT SEAL:

**PLUMBING
PLAN**

SCALE @ 24" X 36"

DATE: 10-16-2024

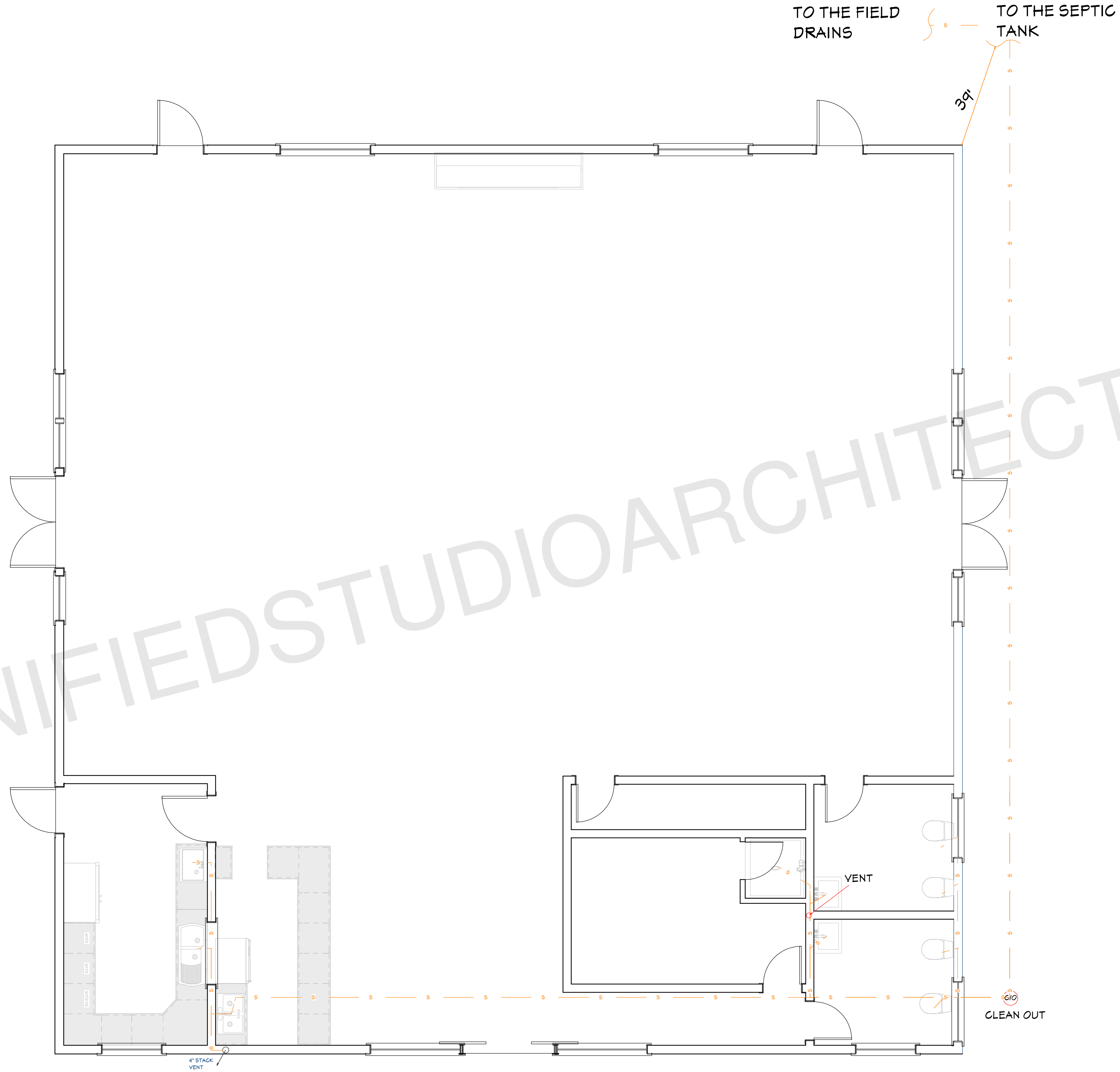
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SHEET NUMBER

P02

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)



FIRST FLOOR SEWER LINE PLAN

1/4"=1'



ARCHITECT SEAL:

SEWER PLAN

SCALE @ 24" X 36"

DATE: 10-16-2024

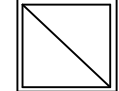
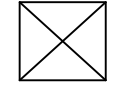
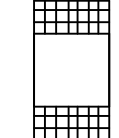
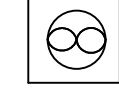
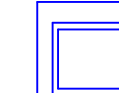
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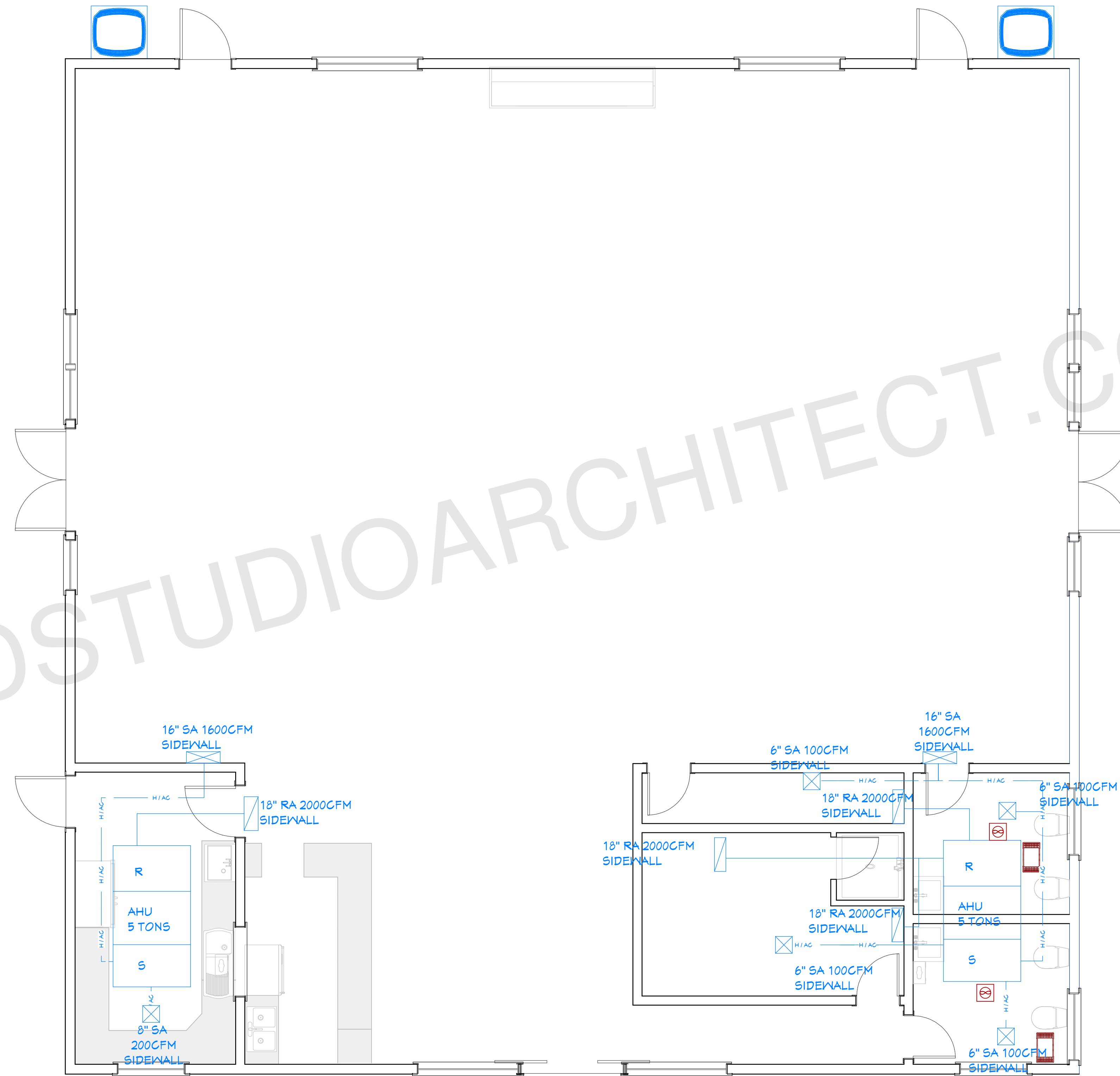
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SHEET NUMBER

P03

HYAC LEGEND

-  RETURN
-  12X12 SUPPLY AIR DIFFUSER
-  VENT
-  EXHAUST FAN
-  CONDENSER



FIRST FLOOR HYAC PLAN

1/4"=1'

ARCHITECT SEAL:

HVAC PLAN

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P04