

DOOR SCHEDULE

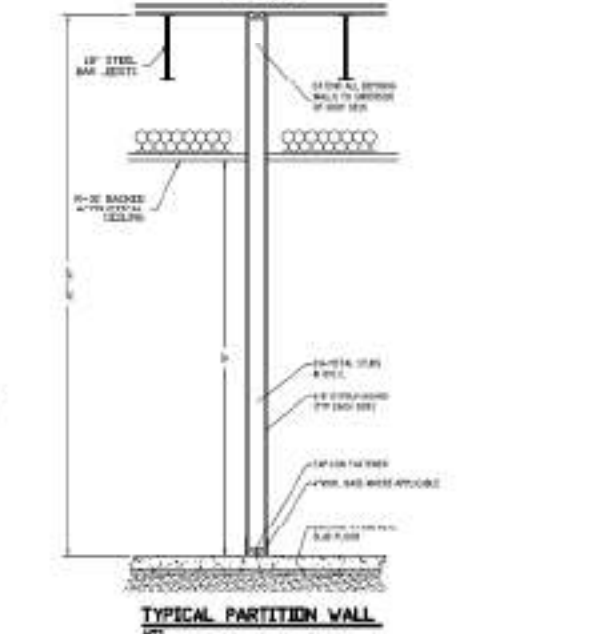
NO.	NO. & SIZE	TYPE	FINISH	GLASS	SWITCH	LOCK	HANDLE	OPERATOR	REMARKS
01	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Break Room Door
02	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
03	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Office Door
04	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
05	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
06	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
07	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
08	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
09	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
10	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
11	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
12	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
13	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
14	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
15	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
16	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
17	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
18	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
19	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door
20	2'-0" x 7'-0" (A)	GLASS	10' 1/2" x 10' 1/2"	---	---	---	---	---	Classroom Door

Notes:
 1. Use 1/2" x 1/2" x 1/2" Glass in all doors.
 2. Use 1/2" x 1/2" x 1/2" Glass in all doors.
 3. Use 1/2" x 1/2" x 1/2" Glass in all doors.
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 7. Use 1/2" x 1/2" x 1/2" Glass in all doors.
 8. Use 1/2" x 1/2" x 1/2" Glass in all doors.
 9. Use 1/2" x 1/2" x 1/2" Glass in all doors.
 10. Use 1/2" x 1/2" x 1/2" Glass in all doors.

ROOM FINISH SCHEDULE

NO.	NO. & SIZE	FLOOR	WALL	CEILING	DOORS	FINISH LEGEND
01	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
02	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
03	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
04	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
05	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
06	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
07	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
08	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
09	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"
10	10' 1/2" x 10' 1/2"	1/2" x 1/2" x 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"	10' 1/2" x 10' 1/2"

Notes:
 1. FINISHES SHALL BE TO ALL SURFACES UNLESS NOTED OTHERWISE.
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ARCHITECTURAL GENERAL NOTES

- THE DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND REGULATIONS.
- ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE.
- ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
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THESE DRAWINGS HAVE BEEN MODIFIED TO BE IN COMPLIANCE WITH FLORIDA BUILDING CODES WITH REVISIONS FROM ORIGINAL PLANS BY KATO SMITH & ASSOCIATES PROJECT NO. 2008-0400. ALL AUTOMATIC DRAWING FILES WERE PROVIDED TO KATO SMITH & ASSOCIATES ENGINEERS.

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

FINISH NOTES:
 1. APPROVED PAINT COLOR PALETTE:
 WHITE: BEN-GUON HOME WHITE
 GRAY: BEN-GUON HOME 10' 1/2" x 10' 1/2" (DUAL) GRAY
 BLACK: BEN-GUON HOME 10' 1/2" x 10' 1/2" (DUAL) CHARCOAL
 2. ALL WALLS TO BE DERMAL FINISH
 3. ALL DOORS AND DOOR JAMBS TO BE SEMI-GLOSS FINISH WITH SAME COLOR AS WALL
 4. ALL 10' 1/2" x 10' 1/2" TO BE DERMAL 10' 1/2" x 10' 1/2"

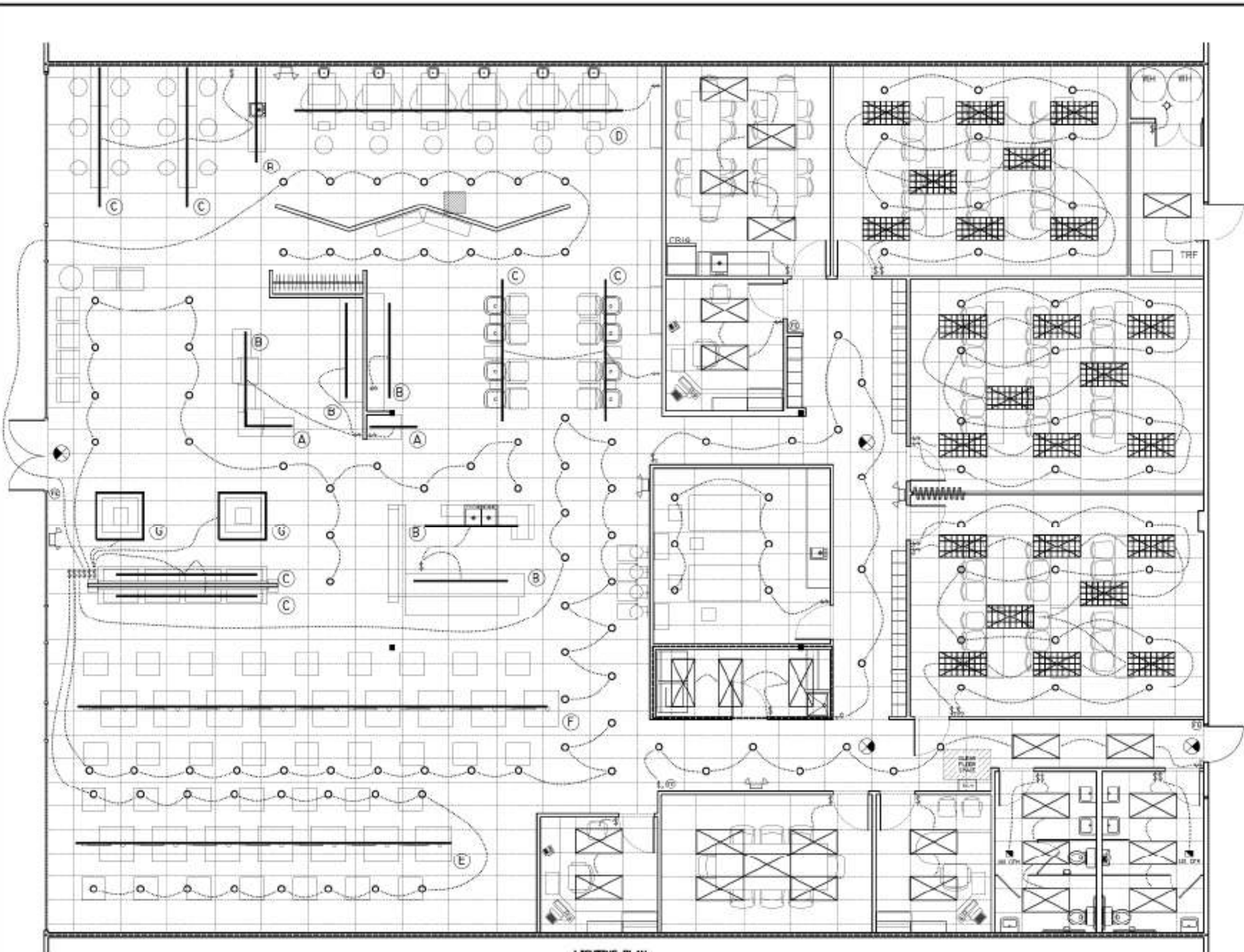
FLOOR PLAN

**SALON ACADEMY
 INVERNESS, FL**

TITLE: **FLOOR PLAN**

SHEET **1** OF **6**

Daniel F. Ardito, P.E.
 Florida P.E. # 30934



LIGHTING PLAN
SCALE 1/4" = 1'-0"

- GENERAL ELECTRICAL NOTES:**
1. PROVIDE ALL ELECTRICAL WORK IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES.
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 20. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES.

- LIGHTING / ELECTRICAL LEGEND:**
- 1. 2" x 4" LAY IN FLORESCENT WITH PARALLEL LENS
 - 2. 2" x 4" LAY IN FLORESCENT WITH PARALLEL LENS
 - 3. 4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS
 - 4. 4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS
 - 5. 4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS
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 - 19. 4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS
 - 20. 4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS

LEGEND / ELECTRICAL FEATURE SCHEDULE

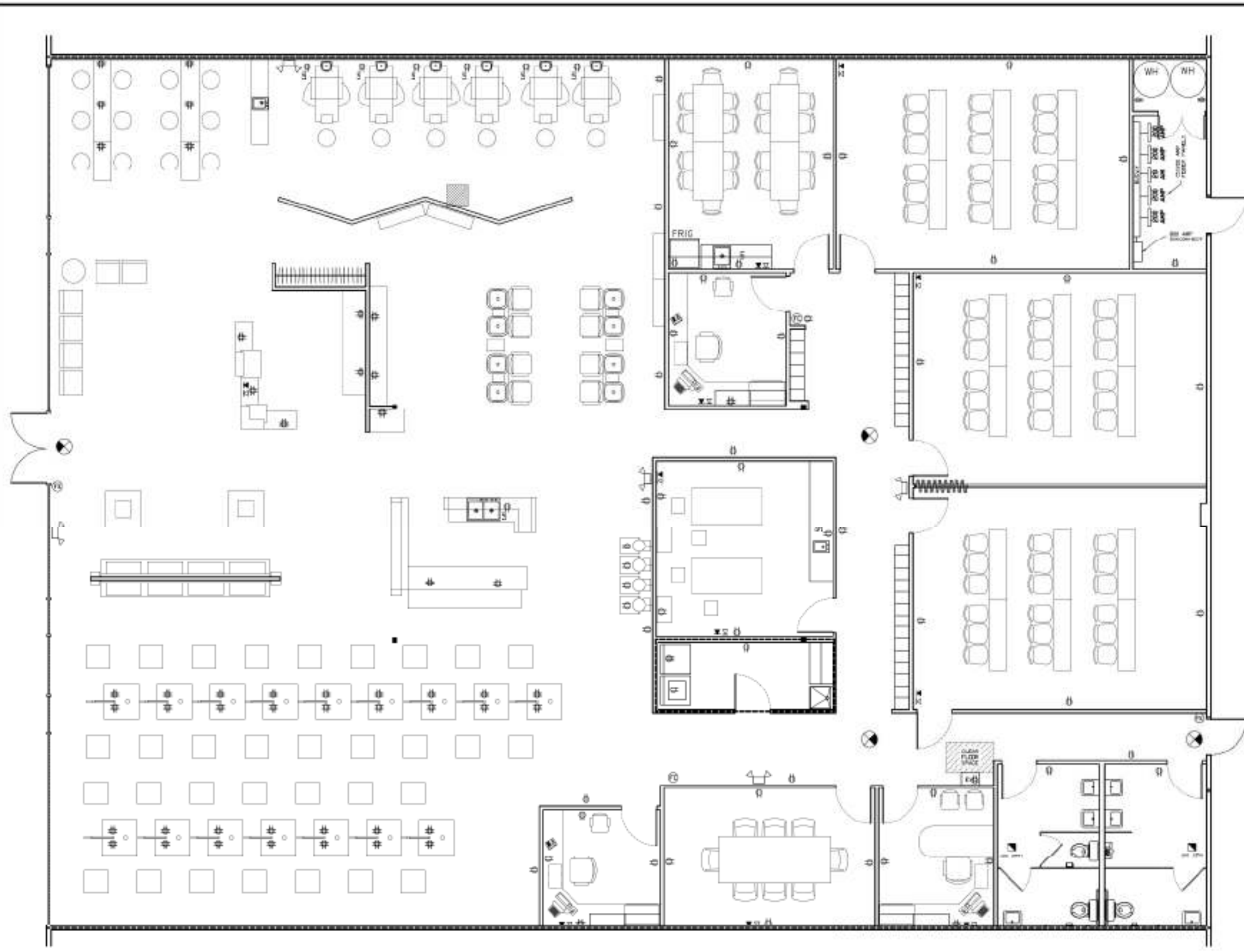
NO.	SYMBOL	DESCRIPTION	NOTES
1	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
2	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
3	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
4	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
5	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
6	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
7	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
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9	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
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17	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
18	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
19	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	
20	(Symbol)	4" x 8" LAY IN FLORESCENT WITH PARALLEL LENS	

DATE: 01/15/2024
 DRAWN BY: D.A.
 CHECKED BY: P.E.
 PROJECT NO.:
 SHEET NO.: 3 OF 6

PROJECT: SALON ACADEMY INVERNESS, FL

TITLE: LIGHTING PLAN

Daniel F. Ardito, P.E.
 Professional Engineer
 1000 N. W. 10th Ave., Suite 200
 Fort Lauderdale, FL 33304
 (954) 561-1111



ELECTRICAL LEGEND

[Symbol]	SINGLE POLE SWITCH 15A, 20/277V
[Symbol]	THREE WAY SWITCH 15A, 20/277V
[Symbol]	FOUR WAY SWITCH 15A, 20/277V
[Symbol]	RECONNECT SWITCH
[Symbol]	100V RECEPT
[Symbol]	GROUND FAULT INTERRUPTER 15A, 120V
[Symbol]	15/20 AMP RECEPTABLE VVVW/1000P/100V
[Symbol]	QUADRAPLEX RECEPTABLE 25A, 120V
[Symbol]	200V OUTLET
[Symbol]	INCANDESCENT LIGHT FIXTURE
[Symbol]	ENERGY EFF. LED
[Symbol]	ENERGY LEAKING
[Symbol]	FIRE EXTINGUISHER
[Symbol]	COMMUNICATIONS OUTLET
[Symbol]	CABLE TV
[Symbol]	PERMANENTLY INSTALLED BATTERY PACK

ELECTRICAL LOAD CALCULATIONS

CONTINUOUS LOAD	VA
INSTALLED LIGHTING -	34,300
200V VENDING LIGHTING - 75-FT R 200 V/2FT	25,000
WATER HEATER - 120 V 4,000 VA 200V	4,000
SUB-TOTAL	63,300

NON-CONTINUOUS LOAD

RECEPTABLE LOAD - 150-RECEPTABLES @ 200 VA EACH	30,000
WATER HEATER - 120 V 4,000 VA	4,000
SUB-TOTAL	34,000

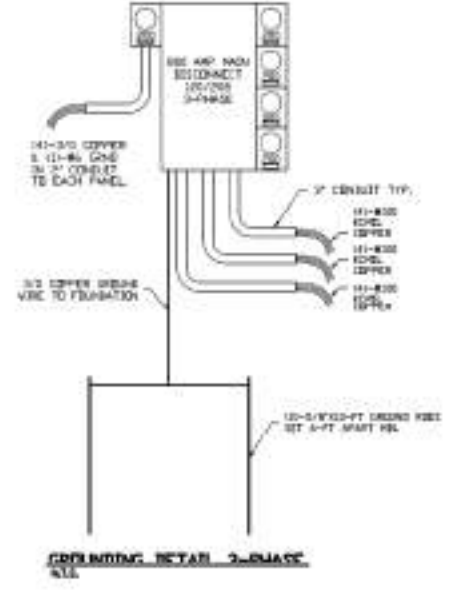
HEAT LOAD

KV WHOLEY-1	25,000
KV WHOLEY-2	25,000
KV WHOLEY-3	44,000
WATER HEATER 120 V 4,000 VA	70,000
SUB-TOTAL	99,000

TOTALS

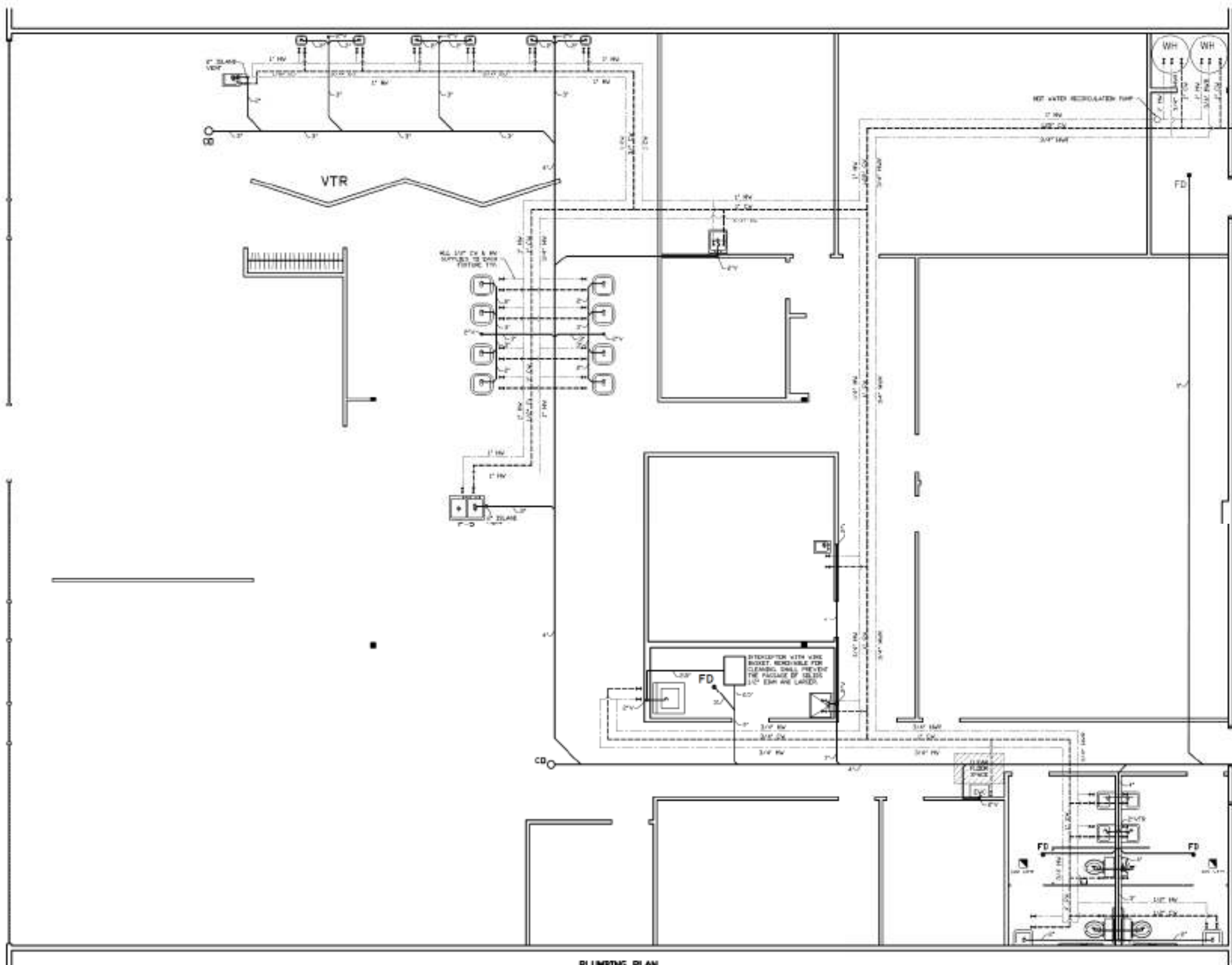
CONTINUOUS LOAD @ 100%	63,300
NON-CONTINUOUS LOADS 50% FOR 125% DIV	22,000
NON-CONTINUOUS LOADS 100% OF INSTALLED	34,000
HEAT LOADS @ 100%	99,000
FINAL TOTAL	228,300

12700 VA / 120 V = 1058 A @ 120V = 79720 WHP @ 100 AMP

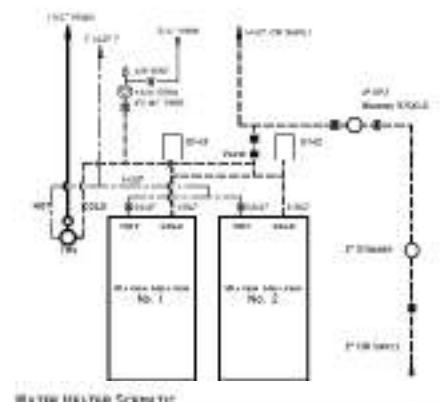


Daniel F. Ardito, P.E.
Florida REG: 30034

SHEET 4 OF 6	ELECTRICAL PLAN	TITLE: SALDN ACADEMY INVERNESS, FL
DATE: 8/11/25 DRAWN BY: EA CHECKED BY: JG PROJECT NO.: P.E. NO.: FLS REG. NO.:	Daniel F. Ardito, P.E. Professional Engineer 9648 E. PALM BLVD. AURORA, FL 32817 407-447-1133	DATE: 8/11/25 DRAWN BY: EA CHECKED BY: JG PROJECT NO.: P.E. NO.: FLS REG. NO.:



- PLUMBING GENERAL NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THROUGH-PENETRATION PROTECTION DEVICES AND THE STOPPING METHODS AT ALL PIPES, LINES, WIRING, OR OTHER COMPONENTS THROUGH EXISTING METALLIC ROOF MEMBRANE WATER BULBS OR FLOOR/CEILING ASSEMBLIES.
 2. EXPOSED PIPING SHALL BE OF GALV. METAL. EXPOSED TRAYS AND WIRING CLOSETS SHALL BE FINISHED WITH FINISHED GYPSUM BOARD OR FINISHED ACCESSIBLE AREAS SHALL BE FINISHED WITH THE MANUFACTURED FINISH AS SPECIFIED.
 3. SUPPLY LINES TO PLUMBING FIXTURES SHALL BE PROVIDED WITH AN EXCESSIVE SLOPE (MINIMUM 1/4" PER FOOT) IN THE DIRECTION OF FLOW. INSTALL BRANCH OR WYE TEES FOR HOT SUPPLY LINES AND METAL. A SLOPE VALVE IS REQUIRED FOR THE BRANCH SUPPLY LINE.
 4. INSTALLATION OF WATER LINES IN LOCATIONS EXPOSED TO FREEZING TEMPERATURES IS PROHIBITED. ANY SUCH WIRE TO INSTALLATION. IF SUCH A LOCATION CANNOT BE AVOIDED, MEANS OF PROTECTION SHALL BE PROVIDED TO THE CONTRACTOR. THE ARCHITECT'S APPROVAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 5. PLUMBING SUPPLY LINES WHICH APPROXIMATELY PARALLEL TO OTHER WALLS SHALL BE INSTALLED AT LEAST 12" FROM THE EXTERIOR SIDE OF FOUNDATION WALL. BE INSTALLED IN PROTECTIVE SLEEVES FOR 2" ABOVE SLAB THROUGH HIGH PENETRATION AT SLAB. UNDER SLAB PLUMBING PENETRATIONS SHALL BE THROUGH ACCESSIBLE.
 6. PRESSURE TEST BRANCH SHALL BE EXTENDED FROM WATER HEATER TO EACH BRANCH WITH COPPER PIPING (UNLESS OTHERWISE NOTED).
 7. TUBING AND METAL TRAY SHALL BE USED TO MAINTAIN FLOOR DECK TRAY SHALL BE USED.
 8. WATER HEATING TUBES ON BRANCHING-WAYS, IF USED, SHALL BE PROVIDED WITH 1/2" DIA. (1/2" DIA.) OF BRASS ELECTRICAL BRASS (SEE SCHEDULE) WITH 1/2" DIA. (1/2" DIA.) OF BRASS (SEE SCHEDULE).
 9. PROVIDE RECIRCULATING HOT WATER LOOP FOR SHOWER BATHS, BATHS, AND SINKS WITH SHOWER. PROVIDE SHOWER AND SINK VALVES AS NOTED.



PLUMBING FIXTURE SCHEDULE

NO.	DESCRIPTION	QUANTITY	REMARKS
1-1	WATER CLOSET	10	10" DIA.
1-2	WATER CLOSET	10	10" DIA.
1-3	TOILET	10	10" DIA.
1-4	TOILET	10	10" DIA.
1-5	TOILET	10	10" DIA.
1-6	TOILET	10	10" DIA.
1-7	TOILET	10	10" DIA.
1-8	TOILET	10	10" DIA.
1-9	TOILET	10	10" DIA.
1-10	TOILET	10	10" DIA.
1-11	TOILET	10	10" DIA.
1-12	TOILET	10	10" DIA.
1-13	TOILET	10	10" DIA.
1-14	TOILET	10	10" DIA.
1-15	TOILET	10	10" DIA.
1-16	TOILET	10	10" DIA.
1-17	TOILET	10	10" DIA.
1-18	TOILET	10	10" DIA.
1-19	TOILET	10	10" DIA.
1-20	TOILET	10	10" DIA.

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

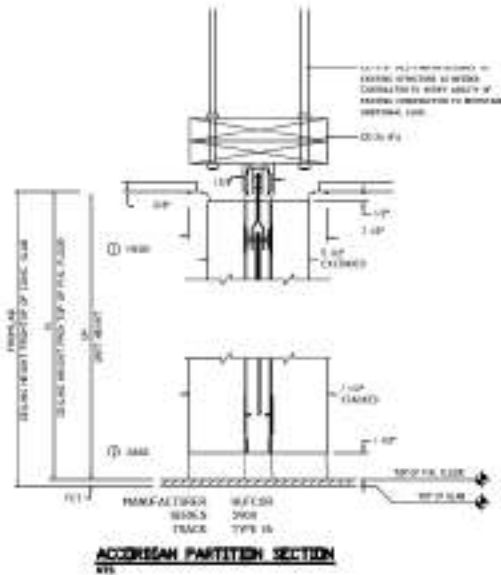
TIE INTO EXISTING SEWER

PLUMBING PLAN

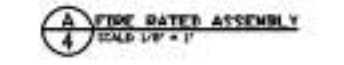
SALON ACADEMY
INVERNESS, FL

SHEET
5
OF 6

Daniel F. Ardito, P.E.
Professional Engineer
10405 E. WILSON ST.
LAKELAND, FL 33801
888-747-4444



FIRE RATING 120-MIN
 TYPE: NON-LOAD BEARING STEEL STUD WALL
 DETAILING: C/2014 ASSOCIATION (A/2014) 1/14 OF
 "FIRE RESISTANCE DESIGN MANUAL"
 FILE # 44-444-111-111-111-111

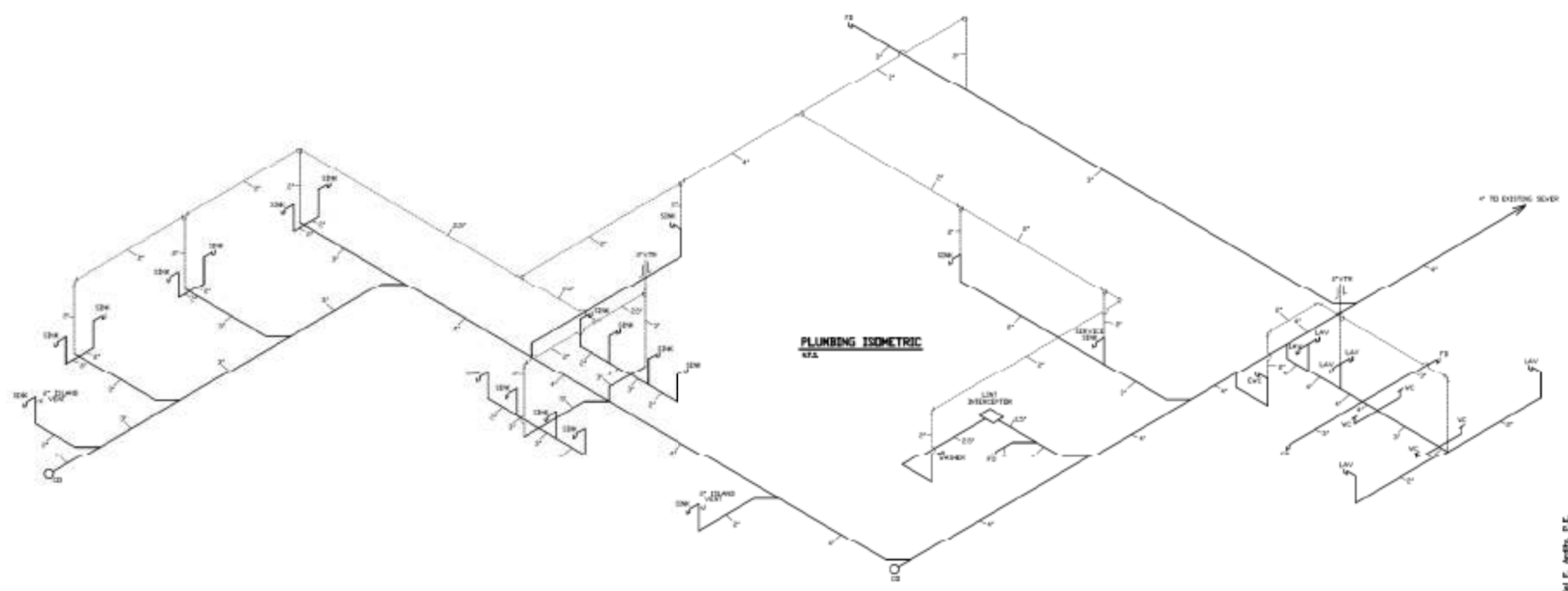


A FIRE RATED ASSEMBLY
 SCALE 1/8" = 1'

FIRE RATING 120-MIN
 TYPE: NON-LOAD BEARING STEEL STUD WALL
 DETAILING: FLORIDA BULLETPROOFING
 FILE # 44-444-111-111-111-111

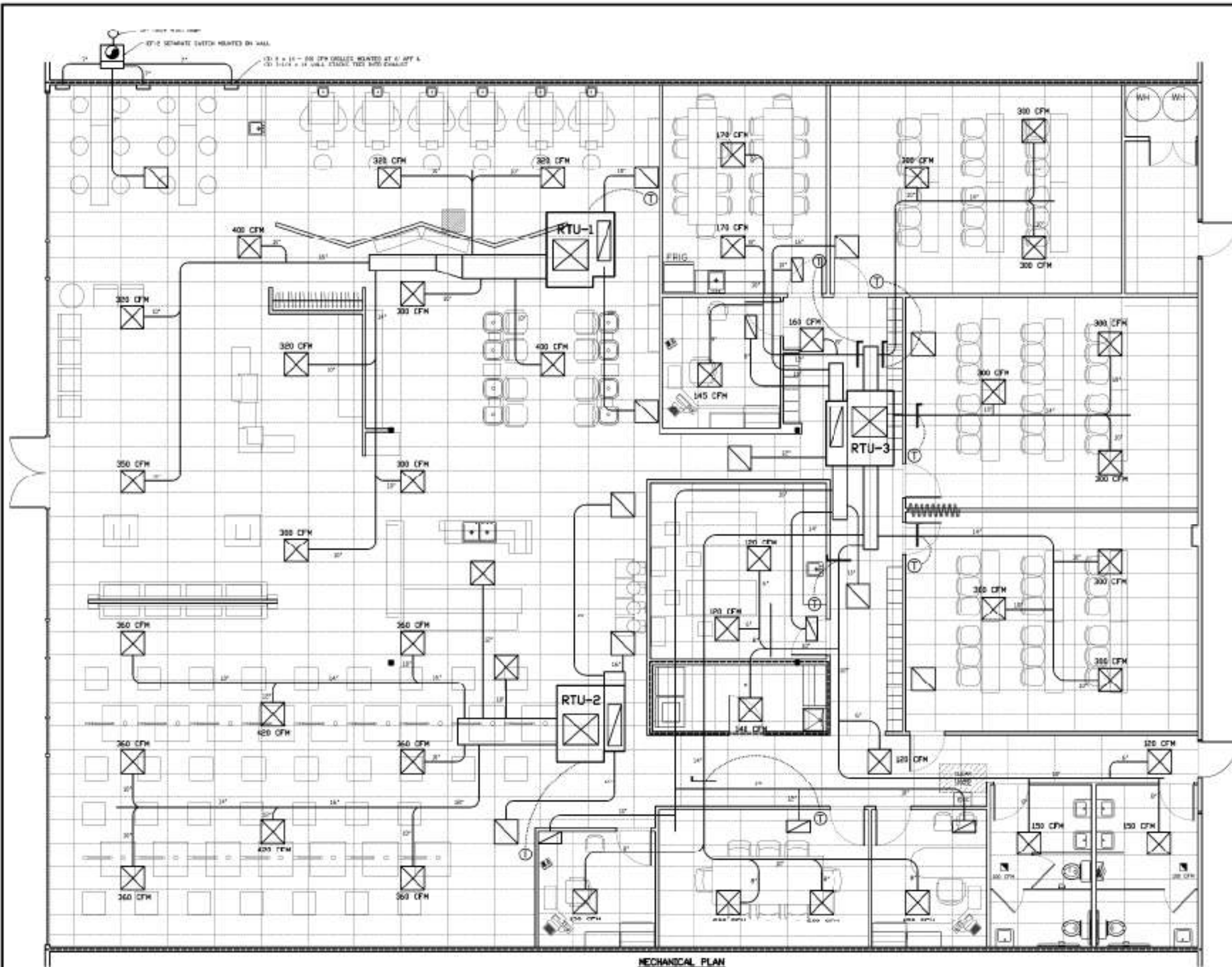


B FIRE RATED ASSEMBLY
 SCALE 1/8" = 1'



Daniel F. Ardito, P.E.
 Florida P.E.# 35054

DATE: 01/14/25		DRAWN BY: BA	
SCALE: AS SHOWN		CHECKED BY: PC	
PROJECT NO.:		P.E. NO.:	
TITLE: DETAILS			
SALON ACADEMY INVERNESS, FL			
SHEET	6		OF 6



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

General Mechanical Notes:

1. Field permits shall be applied for, obtained, and paid for by the contractor. The contractor shall verify the design of the systems identified by the contract documents, and by virtue of accepting the work shall be responsible for guaranteeing and shall warrant the installed systems at location properly as designated by the contract documents.
2. The contractor is responsible for providing through penetration protection devices and fire stopping devices at all penetrations, chases, utility, ductwork, or floor and ceiling assemblies.
3. Exhaust fans, dryers, or other means of discharge, shall be ducted to the rear roof face or as otherwise noted by the drawings. Necessary flashing, roof and wall accessories, or other related items, shall be provided for, and installed by the contractor. Provide color flashing at roof penetrations. Contractor shall coordinate all wall and roof penetrations for interior and exterior air intakes.
4. Insulation (See specs for additional info):
 - A. Provide 2" thick Fiberglas insulation around ductwork in attic. Insulation shall be installed with a minimum of 1" insulation value.
 - B. Supply and return air ductwork shall be lined with 1000' x 4' coated fiberglas fiberglass duct liner with joints necessarily fastened and taped 1" thick rigid foil faced Fiberglas duct board to give complete thermal break. Seal joints, elbows, and take-offs with suitable foil tape. Subcontractor shall ensure continuous vapor barrier, and reinforce joints as may be required to prevent separation.
5. All ductwork shall be constructed in strict accordance with the latest edition of SMACNA Duct Construction Standards - Metal & Fiberglass Panels shall be used. Provide insulation (except at all supply and return inlets at the air handling unit).

5. Metal Ductwork - Min Thickness

DIAMETER OF DUCT OR MINIMUM SIZE	MINIMUM NOMINAL THICKNESS			
	STEEL SHEET PILING GALVANIZED	STEEL RIBBED SHEET GALVANIZED	STEEL RIBBED SHEET GALVANIZED	STEEL RIBBED SHEET GALVANIZED
1'-0"	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)
1'-6"	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)
2'-0"	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)
2'-6"	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)	0.027" (28 GA)

6. Flexible ductwork:
 - A. All fire and corrosion shall conform to requirements of UL58 for Class II or Class I air ducts and shall be as identified.
 - B. Flex duct length shall be limited to 2'-0" max.
7. Transoms:
 - A. Transoms located in public locations shall be provided with tamperproof clear plastic lockable covers.
 - B. Transoms shall be digital programmable type with night set back controls.
8. Typical details shall not release responsibility from contractor for ensuring proper fitting. Manufacturer's installation requirements, and applicable code compliance.
9. Exhaust ducts & outside air intake ducts:
 - A. Exhaust air penetrations shall be a minimum of 2" from any O&A intake.
10. Coordinate exhaust fan locations with room, block wall and ceiling grid system. Install fans in grid fashion with supply diffusers and lighting.
11. Field color for casework, doors, frames, and grilles shall be selected by the project architect.

HVAC LEGEND

○	Supply Diffuser (SD)
□	Return Grille (RG)
○	Fan Unit (FU)
○	Supply/Return - Supply/Return
○	Round Duct Diameter in inches
○	Exhaust Fan
○	2" grille with turning vanes
○	Door Swallow
○	Transom

HVAC Schedule
 DF-1: 18" Dia. LTR, with 2" Vent. thru Roof
 DF-2: 18" Dia. LTR, with 2" Vent. thru Roof
 RTU-1: 12" Dia. RTU, with 2" Vent. thru Roof
 RTU-2: 12" Dia. RTU, with 2" Vent. thru Roof
 RTU-3: 12" Dia. RTU, with 2" Vent. thru Roof

DATE: 01/14/25
 DRAWN BY: DA
 CHECKED BY: DA
 PROJECT NO.:
 SHEET NO.:
 OF 1

Daniel F. Ardito, P.E.
 Professional Engineer
 10445 E. PALM BLVD. #200
 LAKELAND, FL 33801
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TITLE: MECHANICAL PLAN

SALDON ACADEMY
 INVERNESS, FL

SHEET
 ME
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