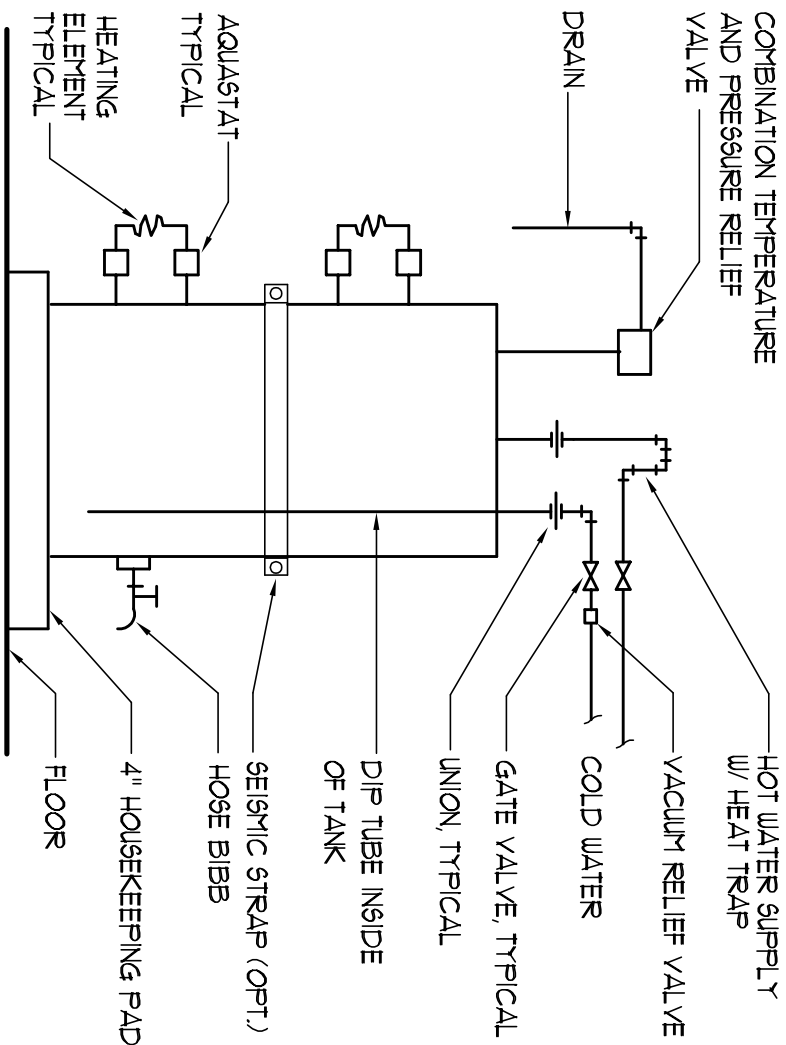
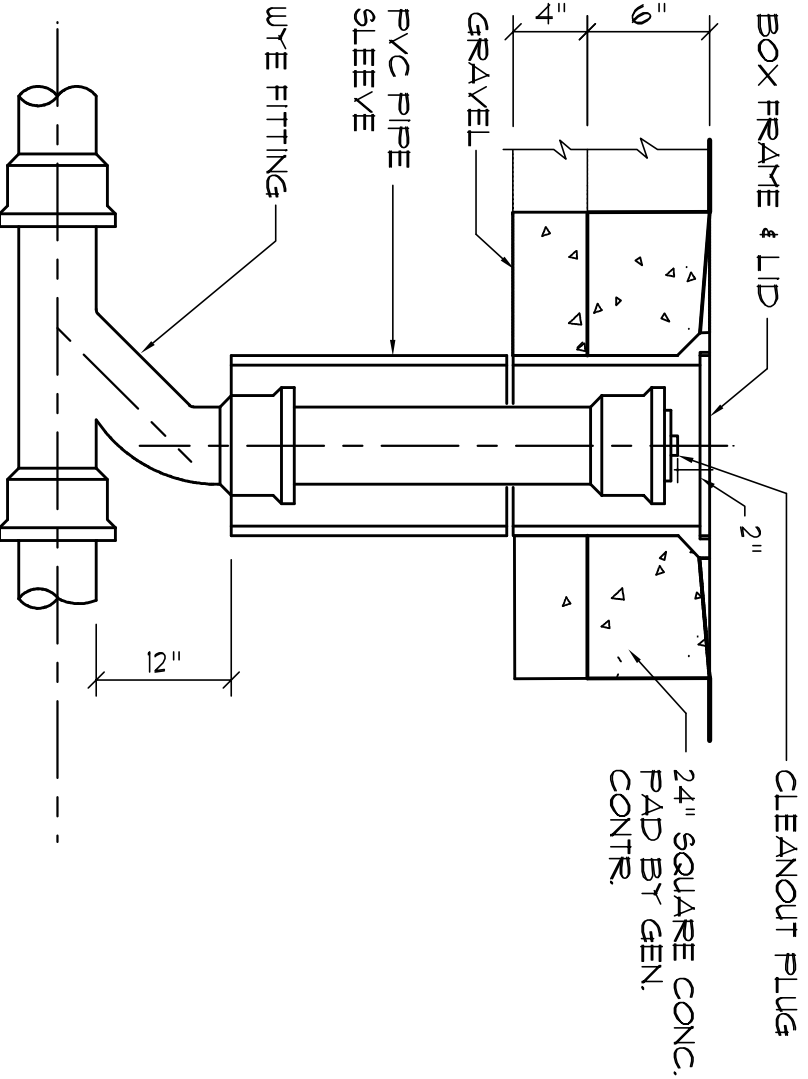


## PLUMBING PLAN

SCALE: 1/4" = 1'-0"

NOTE:  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWG TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.



### GENERAL PLUMBING NOTES:

- SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6.
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- ALL MATERIALS SHALL BE NEW.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL.
- ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES.
- PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIAGRAMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.
- WATER PIPING SHALL BE TYPE L COPPER UP TO 1/2" & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER AT THE QUINCY OPTION SUPPLY PIPING MAY BE CPVC, SCHEDULE 40 OR SCHEDULE 80.
- DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING.
- SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 30-12 ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & CASKET JOINTS OR AT THE QUINCY OPTION, P.V.C., SCHEDULE 40, SEE NOTE 12.
- AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS OR P.V.C., SEE NOTE 12. BELOW INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT W/RAIP WHERE EXPOSED TO FREEZING CONDITIONS.
- P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS. P.V.C. MAY NOT BE USED TO PENETRATE CHIMNEYS OR FIRE RATED WALLS / CEILING.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS.
- FURNISH AND INSTALL APPROVED AIR CHANGERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS.
- DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
- ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATOR PADS.
- PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAREST PLUMBING FIXTURE, DO NOT MANFOLD.
- PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
- PROVIDE COMBINATION COUPLERATE / CLEANOUT PLUG FOR ALL WALL CLEANOUTS FINISH AS DIRECTED BY THE OWNER.
- FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.

### PLUMBING NOMENCLATURE

1/4"	PIPING SIZE
1/2"	PIPING SIZE
2"	PIPING SIZE
3"	PIPING SIZE
4"	PIPING SIZE
2" LV	2" LOOP VENT
2" VTR	2" VENT THRU ROOF
3" VTR	3" VENT THRU ROOF
COT.G.	CLEAN-OUT TO GRADE
LAV.	LAVATORY
W.C.	WATER CLOSET (TOILET)
URIN.	URINAL
SHOU.	SHOWER
DELSINK	DOUBLE BASIN SINK
EUH	ELECTRIC WATER HEATER
H.B.	HOSE BIBS
TO SAN. DISP.	TO SANITARY DISPOSAL

REVISIONS	
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**W.M. C. 1777**  
ARCHITECT

NEW OFFICE BUILDING for  
**CAPITAL METAL SUPPLY**  
COLUMBIA COUNTY, FLORIDA

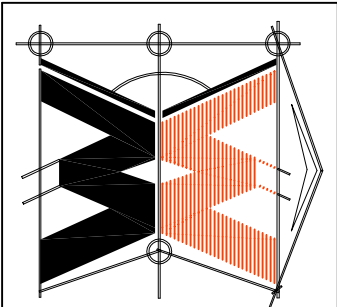
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48 Years of Service  
1972 - 2020  
N.P. Geisler, Architect  
AR0007005

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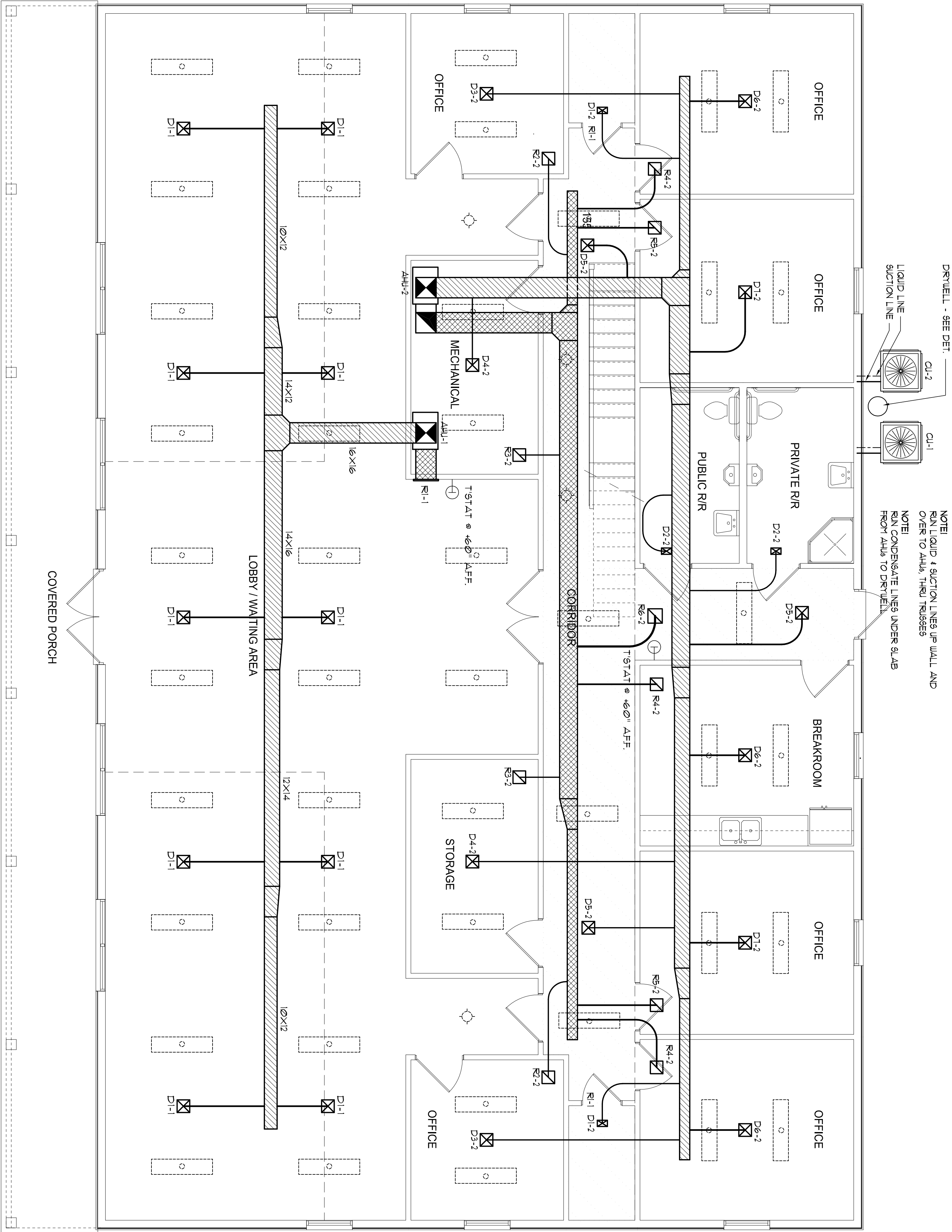
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JOB NUMBER  
**2K2096**  
DATE  
**01 DEC 2020**

SHEET NUMBER  
**PMEL**  
OF 5 SHEETS





## H.V.A.C. PLAN

SCALE: 1/4" = 1'-0"

## H.V.A.C. Equipment SCHEDULE

SCALE: NONE

EQUIPMENT SPECIFICATION:										EQUAL EQUIPMENT BY LISTED MFG'S IS APPROVED	
SYG.	TRK	TOTAL COOL SENSIBLE	HEATING	SEER	HSPF	ESP	KW	CHT	VOLTAGE		
1	"FLUID"	60000 BTU	45000 BTU	14.00	8.10	3.0"	3.63	10.75	20000	240V - 1ø	

### EQUIPMENT REQUIREMENTS

#### SYSTEM DESCRIPTION:

HVAC SYSTEMS SHALL BE A 96" IT SYSTEM WITH ALL OS CONDENSING UNIT AND 1/2" AIR HANDLERS. ALL SYSTEMS SHALL BE A FRESH FRESH CONVECTION NOTE: ELECTRICAL REQUIREMENTS, WIRING, FUSES, STARTERS AND CONTROLS SHALL BE AS REQUIRED BY THE MANUFACTURER FOR A COMPLETE & OPERATING SYSTEM. THE SYSTEM SHALL BE PART OF THE SYSTEM AS REQUIRED.

#### DUCTWORK

- DUCTWORK SHALL BE R-42 POLY FACED RIGID FIBERGLASS OR 6" O.D. POLY FACED RIGID FIBERGLASS IN FACED FLEX DUCT FOR ALL BRANCH DUCTS.
- ALL TURNING VANES, EXTRACTORS AND DUCTWORK SHALL BE FABRICATED FROM GALV. SHEET METAL.
- ALL JOINING IN DUCTWORK SHALL BE LAP JOINTS WITH 1/2" O.D. FIBERGLASS AND SEALED W/ POLY FACED DUCT TAPE.

#### SUPPLY DIFFUSERS / RETURN GRILLES

- AIR DEVICES SHALL BE CONSTRUCTED OF PAINTED ALUM. FOR ALL WALL AND CEILING LOCATIONS.
- DIFFUSERS SHALL HAVE OPERABLE DIFFUSERS W/ CURVED BLADE ADJUSTABLE VANES IN ALL WALL AND CEILING LOCATIONS AND OPERABLE BLADE ADJUSTABLE DIFFUSERS.
- RETURN AIR GRILLES SHALL BE CONSTRUCTED OF PAINTED ALUM. FOR ALL WALL & CEILING LOCATIONS.
- RETURN AIR GRILLES SHALL HAVE AN OPERABLE FACE W/ A FILTER HOLDER INCLUDED.
- ALL MODEL NUMBERS REFER TO PRODUCTS AS "MADE BY" "MAINT" & "COOLET".

#### NOTE:

HVAC CONTRACTOR SHALL PREPARE WORKING SHOP DRAWINGS INDICATING ALL HVAC WORK INCLUDING ALL DUCTWORK, GRILLES, EXTRACTORS, AND DUCTWORK TO THE PERMIT ISSUING AUTHORITY PRIOR TO STARTING INSTALLATION OF ANY MATERIALS.

#### NOTE:

HVAC CONTRACTOR SHALL PREPARE AS-BUILT SHOP DRAWINGS INDICATING ALL HVAC WORK INCLUDING ALL DUCTWORK, GRILLES, EXTRACTORS, AND DUCTWORK TO THE PERMIT ISSUING AUTHORITY PRIOR TO STARTING INSTALLATION OF ANY MATERIALS.

#### NOTE:

REMOVE A PROGRAMMABLE THERMOSTAT W/ HANDICAP IN THE LOBBY / WAITING AREA WITHIN THE RETURN AIRWAY OF THE SYSTEM IT CONTROLS. PROVIDE SMOKE DETECTORS IN ALL RETURN DUCT SYSTEMS.

#### NOTE:

DUCTWORK TO BE RUN IN CLG CAVITY IS SUGGESTED - SIZES, LOCATIONS, TURNS AND OTHER CHARACTERISTICS OF THE DUCT INSTALLATION WILL REQUIRE FIELD ADJUSTMENTS / MODIFICATIONS AS NEEDED TO ACCOMMODATE THE STRUCTURAL MEMBERS AND LIMITATIONS.

#### NOTE:

PROVIDE TURNING VANES & DUCT TURNS & ADL EXTRACTORS & ALL BRANCH DUCT TAPS.

#### NOTE:

120V PHOTOELECTRIC TYPE W/ LED ACTIVATION INDICATOR LIGHT WITH VIBRANT RESET AND SHALL BE INTERLOCKED TOGETHER. ACTIVATION OF ANY SMOKE DETECTOR SHALL SHUT-DOWN ALL HVAC AHU'S.

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AUTOCAD 2010

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**CAPITAL METAL SUPPLY**  
COLUMBIA COUNTY, FLORIDA

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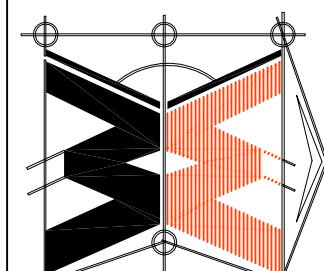
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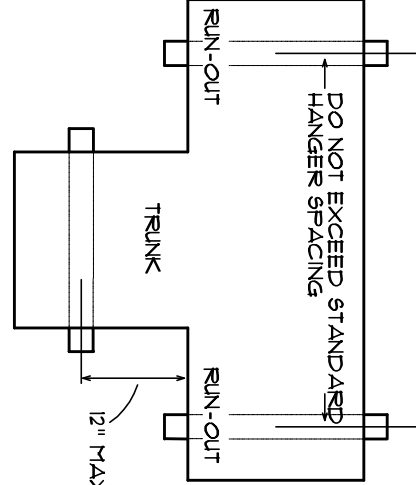
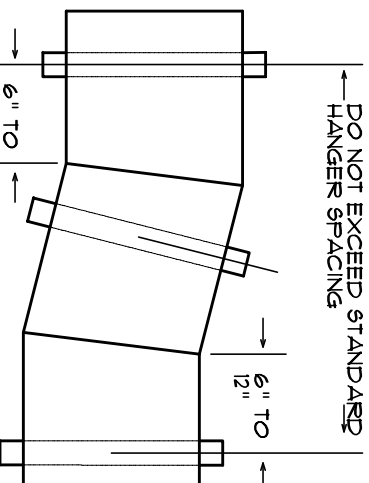
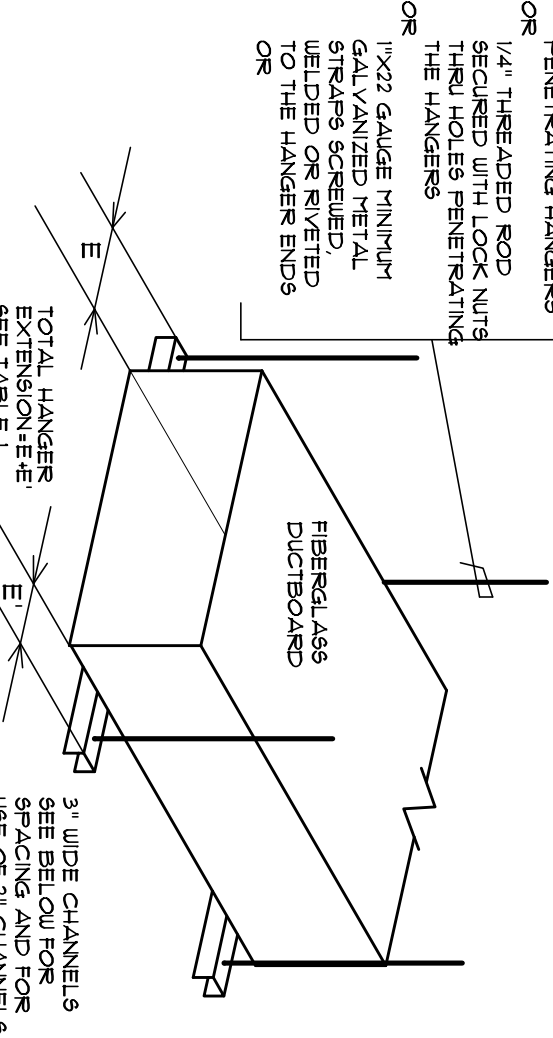
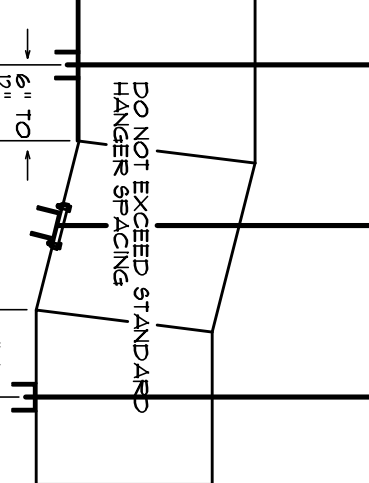
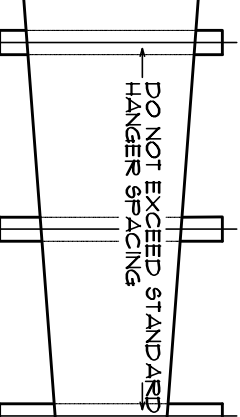
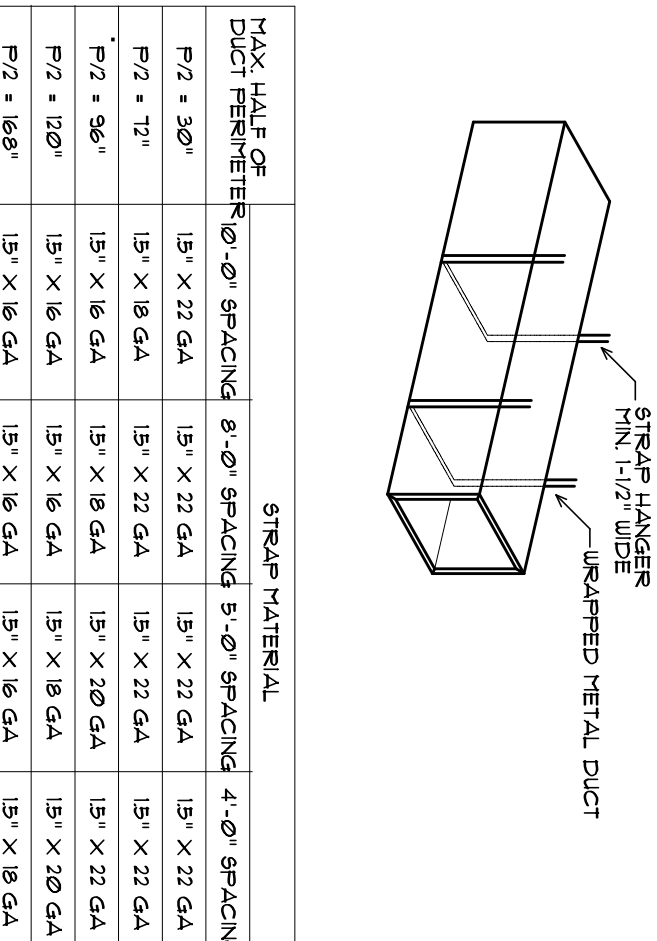
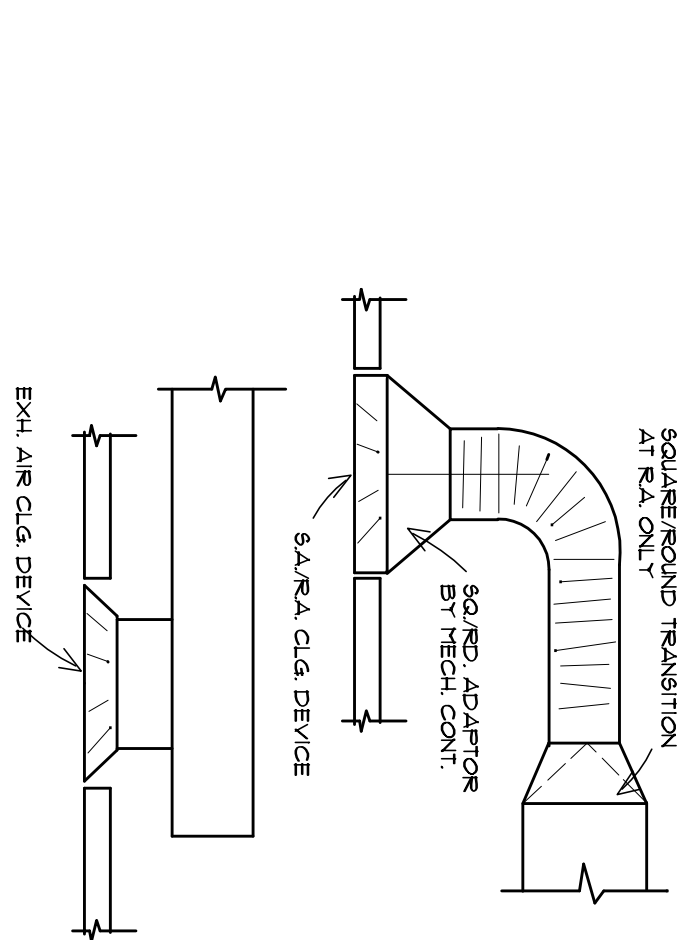
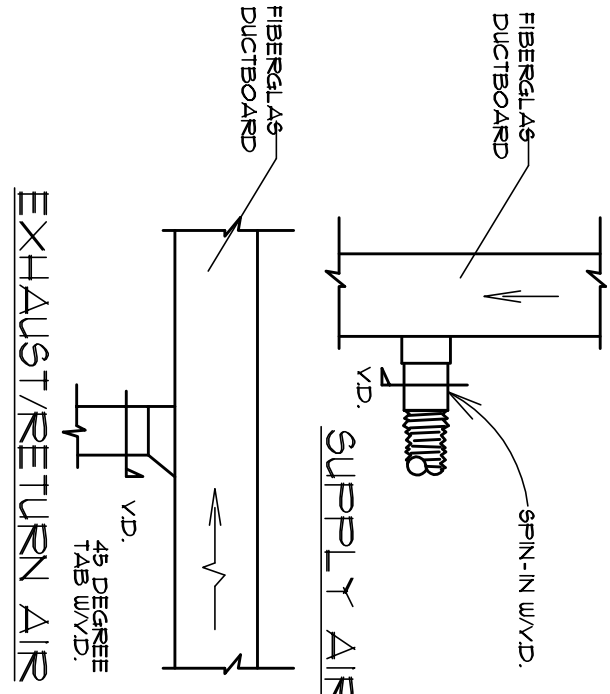
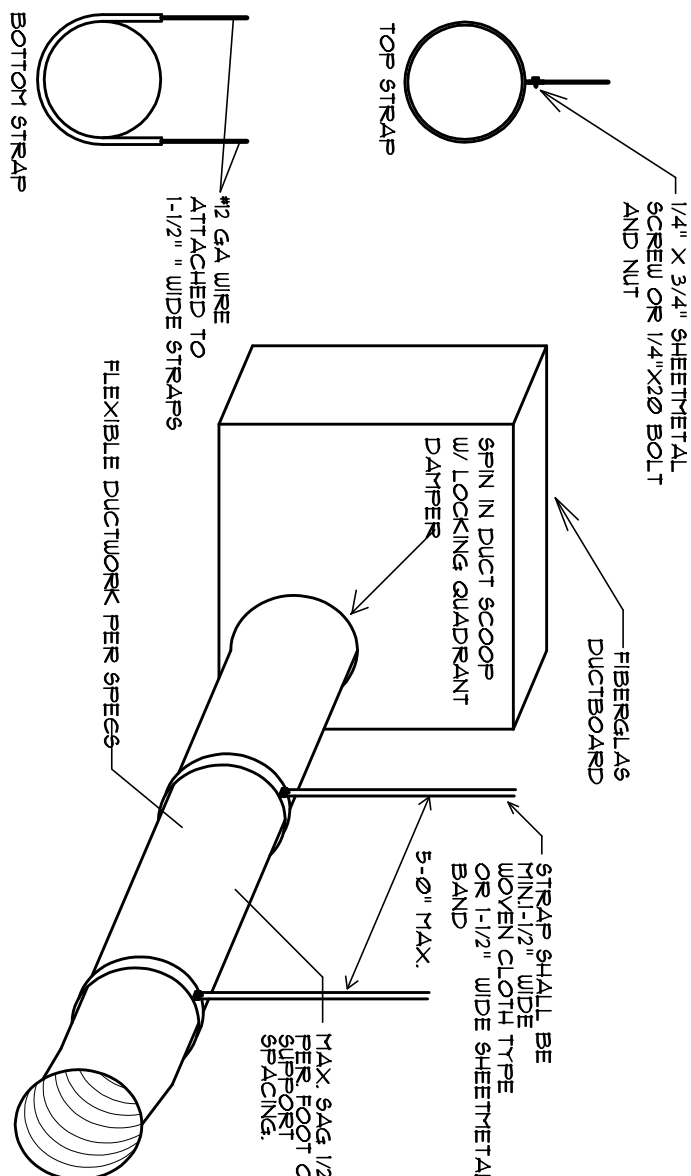
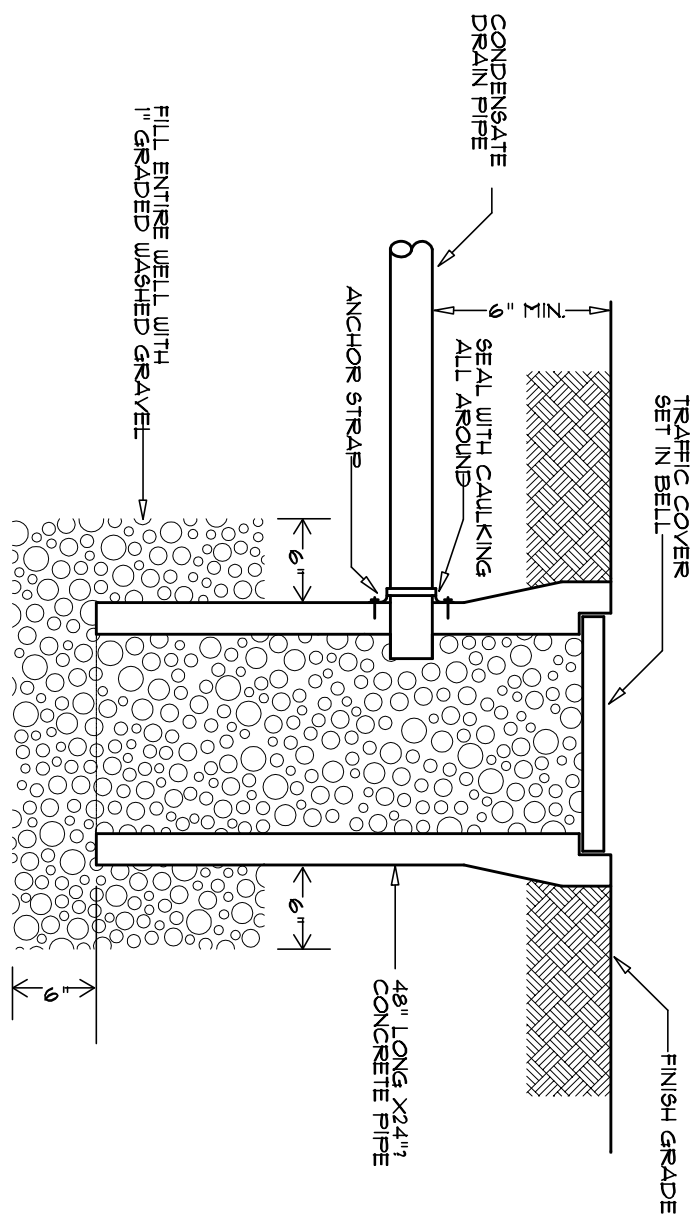
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DATE  
01 DEC 2020

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OF 5 SHEETS





DRYWELL DETAIL (OPTIONAL)

FLEXIBLE SUPPORTS DETAIL

AIR DUCT DETAILS

DIFFUSER CONNECTIONS

SHEETMETAL DUCT SUPPORT DETAIL

TRANSITION SUPPORT (FLAT BOTTOM SURFACE)

DUCTBOARD TRANSITIONS AND OFFSET SUPPORTS

OFFSET SUPPORT (FLAT BOTTOM SURFACE)

REQUIRED ONLY WHEN MAILED PORTION OF OFFSET IS GREATER THAN 48\"/>

DUCTBOARD FLAT BOTTOM OFFSETS AND TEE9 SUPPORTS

FIBERGLASS DUCT SUPPORT DETAIL

DUCTBOARD FLAT BOTTOM OFFSETS AND TEE9 SUPPORTS

GENERAL HVAC NOTES:

- SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUB-JECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES/D.B.
- HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR MATERIALS TOOLS & EQUIPMENT TO INSTALL A COMPLETE & OPERATING HVAC SYSTEM.
- HVAC SYSTEM SHALL BE AS DETAILLED IN THE PLANS (IF INCLUDED) OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR
- HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DUGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER EXHAUST FANS AND AIR DEVICES.
- IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
- FLEXIBLE DUCT SHALL BE FULLY ANNEALED CORRUGATED ALUMINUM 1/4\"/>
- ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND STANCA STANDARDS.
- ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIR, NATIONLANT, HART & COOLE OR AS DIRECTED BY THE OWNER.
- IF REQUIRED BY THE OWNER THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS SIGN AND SEALED BY A REGISTERED ENGINEER.
- HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS RELAYS AND THERMOSTATS THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MFGR.
- ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSIONS.
- ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE BY THE OWNER.
- ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDERANCE TO COMPLETION OF THE JOB.
- CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1/2\"/>
- FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHAKE WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15 PROVIDE 2 SECTS. ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
- HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO CO-ORDINATE ALL WORK IN THIS TRADE WITH THE ELECTRICAL LIGHTS AND ARCHITECTURAL ELEMENTS.
- COORDINATE WITH THE ELECTRICIAN PARTICULARLY ELECTRICAL AND WIRING.

REVISIONS	
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W.M.C. 770

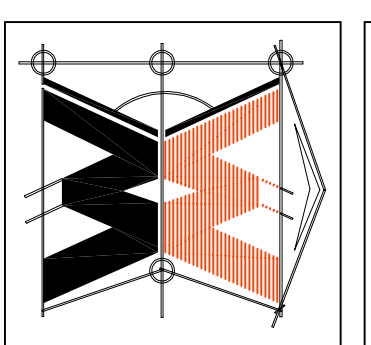
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COLUMBIA COUNTY, FLORIDA

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1972 - 2020  
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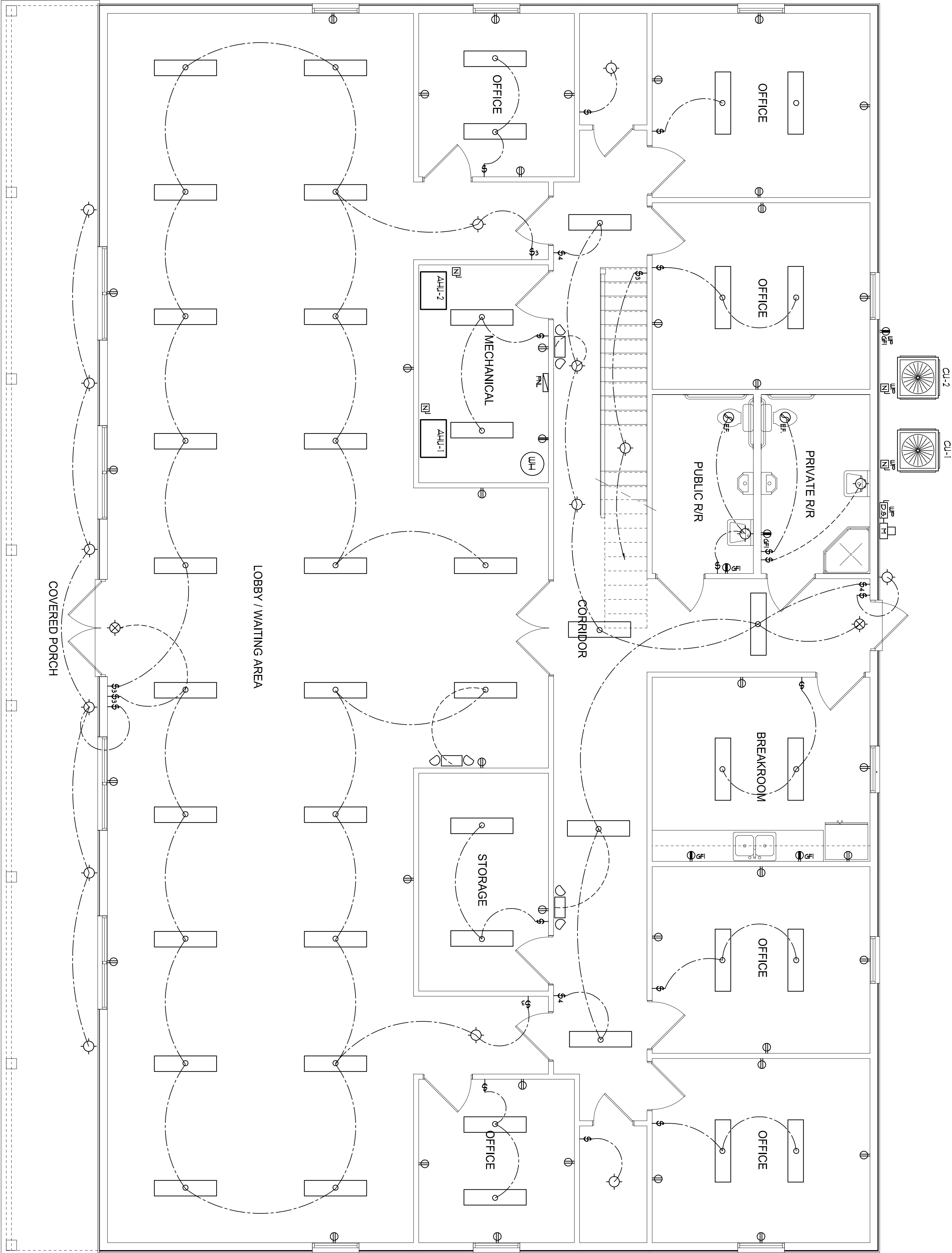
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**JOB NUMBER**  
2K2096  
**DATE**  
07 DEC 2020  
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PME.3  
**OF 5 SHEETS**





# ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

P.L. "A": 225A - P.L.O. - 120/240V - 1" - 4U									
CIR. N.	LOCATION	TRIP/POLES	WIRE SIZE	LOAD	L1 KU	L2 KU	LOAD	WIRE SIZE	LOCATION
1	OFFICE RECEPT.	20A/1P	12TW	0.72	2.17	2.17	1.45	12TW	LOBBY LTG N-1
3	"	"	"	0.72	"	"	1.45	"	LOBBY LTG N-2
5	"	"	"	0.72	1.44	2.17	0.72	"	CORRIDOR LTG
7	"	"	"	0.72	"	1.49	0.72	"	OFFICE LTG (3) NR1
9	"	"	"	0.72	1.49	"	0.72	"	OFFICE LTG (3) NR2
11	"	"	"	0.72	1.49	"	0.72	"	LOFT LTG/RECEPT
13	LOBBY RECEPT.	"	"	1.80	2.18	"	0.98	"	MECH/STOR LTG
15	PUBLIC RESTROOM	"	"	0.32	0.50	0.56	0.18	"	FORCH LTG
17	PRIVATE RESTROOM	"	"	0.32	"	1.92	1.20	"	SIGNAGE LTG
19	GEN. PURV. RECEPT	"	"	0.32	"	"	"	"	SPARE
21	BREAKROOM RECEPT	"	"	0.32	"	"	"	"	SPARE
23	BREAKROOM RECEPT	"	"	0.32	"	"	"	"	SPARE
25	REFRIGERATOR	"	"	1.24	1.78	1.08	0.54	"	SPARE
27	SPARE	"	"	0.54	"	1.08	0.54	"	SPARE
29	"	"	"	0.54	2.79	2.79	2.25	"	2 LAMP LED, 12 X 48 SURFACE MTD W/ HOLOPHANE ACRYLIC WRAP LENSE
31	"	"	"	0.54	"	"	"	"	4 LAMP LED, 12 X 48 SURFACE MTD W/ HOLOPHANE ACRYLIC WRAP LENSE
33	CU N-1	30A/2P	10TW	(182)	5.40	2.79	5.40	6TW	CANOPY OR WALL MTD EXTT LIGHT W/ GREEN FRONT WALL MOUNT DUAL HEAD EXT LIGHT W/ BAT. PAK
35	W/ CIR 33	"	"	(182)	5.40	"	5.40	"	SWITCH/PLATE WIRING
37	CU N-2	20A/2P	"	(182)	5.40	"	5.40	"	CONTROL WIRE / LOW VOLTAGE
39	W/ CIR 37	"	"	(182)	5.40	5.40	5.40	"	NOTE
L1	25.31 KU / 120 V = 210.92 AMPERS				25.31	23.56			NOTE
L2	23.56 KU / 120 V = 196.50 AMPERS								NOTE
FEEDER SIZE: 2 * 4/0 - THW - CU, 1 * 2/0 - THW - CU - NEUT.									
1 * 4 - CU - GND, 2 1/2" C.									

## Electrical SYMBOLS

### POWER

- ⊕ DUPLEX WALL RECEPTACLE
- ⊕ SINGLE 120V/240V WALL RECEPTICAL
- ⊕ GND FAULT INTERRUPTER DUPLEX RECEPT.
- ⊕ WEATHER PROOF GFI DUPLEX RECEPT.
- ⊕ JUNCTION BOX
- ⊕ MOTOR (SP - SUBMERSIBLE PUMP)
- ⊕ ELECTRICAL PANEL
- ⊕ ELECTRICAL PANEL
- ⊕ EXHAUST FAN
- ⊕ NON-FUSED DISC. SWITCH

### LIGHTING

- ⊕ 3PST WALL SWITCH
- ⊕ 3PST WALL SWITCH (3-WAY)
- ⊕ 3PST WALL SWITCH w/ DIMMER
- ⊕ 2 LAMP LED SURFACE MTD W/ HOLOPHANE ACRYLIC WRAP LENSE
- ⊕ 4 LAMP LED, 12 X 48 SURFACE MTD W/ HOLOPHANE ACRYLIC WRAP LENSE
- ⊕ LED LIGHT SURFACE FIXTURE
- ⊕ CANOPY OR WALL MTD EXTT LIGHT W/ GREEN FRONT WALL MOUNT DUAL HEAD EXT LIGHT W/ BAT. PAK

SWITCH/PLATE WIRING

CONTROL WIRE / LOW VOLTAGE

NOTE

ALL LIGHTING FIXTURES SHALL BE AS SELECTED THE OWNER

NOTE

COLOR TEMPERATURE FOR ALL OFFICE AREAS SHALL BE 2800K - 3000K LED LAMP

NOTE

COLOR TEMPERATURE FOR ALL OTHER AREAS SHALL BE 3500K - 4000K LED LAMP

W.M. City

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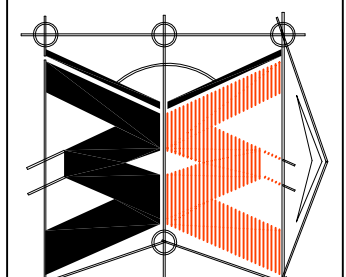
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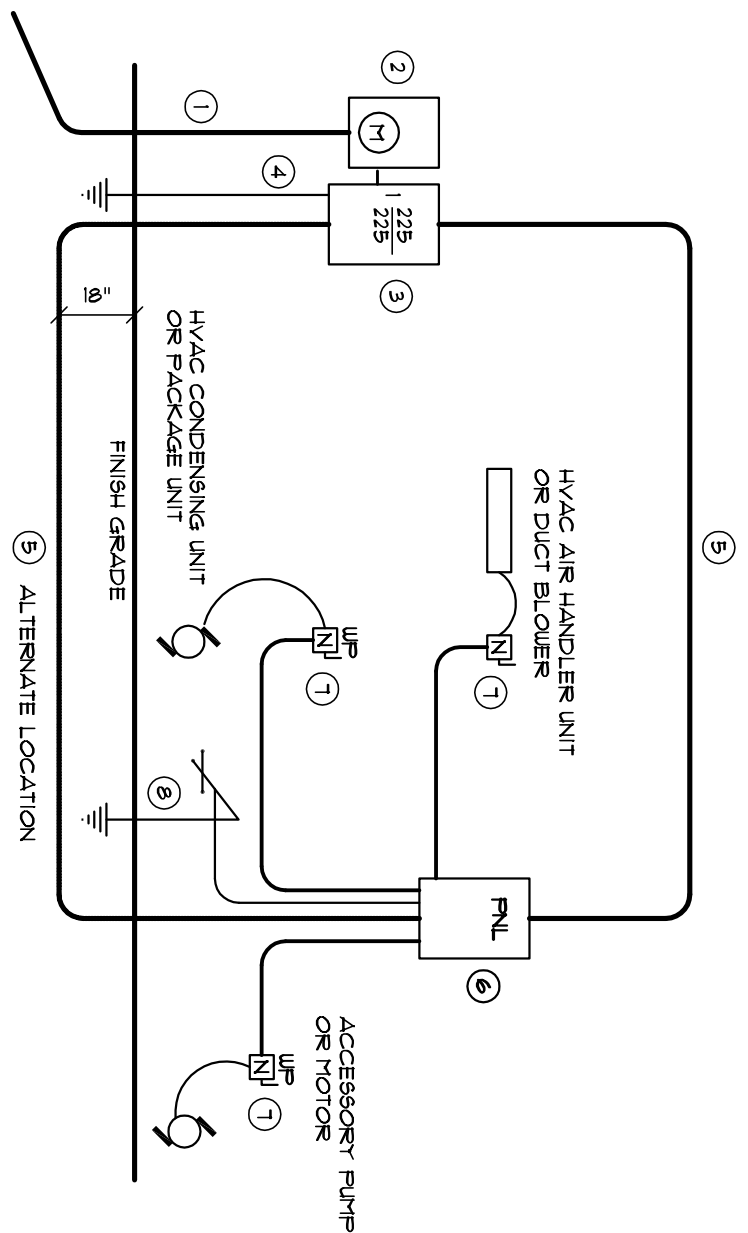
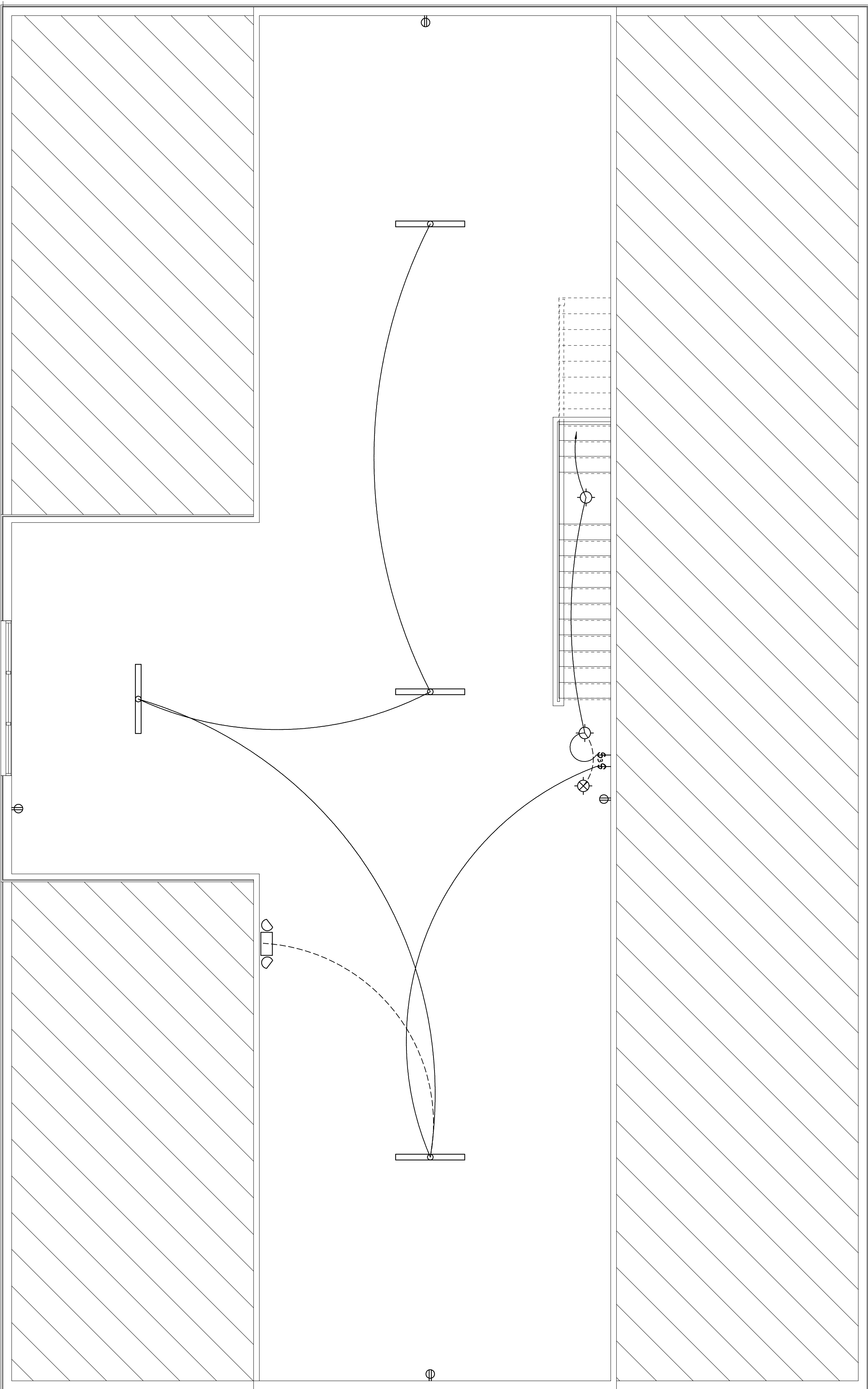
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# TECHNICAL PLAN

SCALE: 1/4" = 1'-0"



- [illegible]

**NOTE!**  
THE MINIMUM AIC RATING FOR PANEL BOARDS, BREAKERS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

## ELECTRICAL RESISTANCE DIAGRAM: 225A

SCALE: NONE

## ELECTRICAL NOTES: General

1. DO NOT SCALE THE ELECTRICAL DRAWINGS REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER.
2. INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 1991 EDITION, AND ITS AMENDMENTS AS ADOPTED BY THE PERMITTING AUTHORITY AT THE TIME OF CONSTRUCTION.
3. GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD 2500 OF NEC-1994.
4. INSTALL ONLY IF COPPER WIRING ON THIS PROJECT. THU, TUL, SHALL THIN OR NOT CABLE, UNLESS NOTED OTHERWISE. ALL CONDUCTORS #2 & SMALLER MAY BE SOLID. ALL CONDUCTORS #6 AND LARGER SHALL BE STRANDED THW.
5. PROVIDE CONTINUITY OF NEUTRAL ON THW IN BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN-ends OF NEUTRAL IN REPLACEMENT OF A DEVICE.
6. COLOR CODE THW: 1-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
7. INSTALL ONLY IF HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
8. INSTALL GFI BREAKERS OR DEVICES AT ALL BATHROOM, RESTROOM, KITCHEN, GARAGE, AND EXTERIOR RECEPTORS AND AS NOTED ON THE DRAWINGS.
9. INSTALL ONLY IF THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW.
10. INSTALL NON-USED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT, SIZE IN ACCORD WITH THE LOAD. DISCONNECT SWITCHES SHALL BE INSTALLED IN THE DOWN-STREAM OF THE CIRCUIT BREAKER. ALL ENCLOSED SHALL BE AS READ FOR EXPOSURE.
11. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG.
12. ISOLATE DISINTEGRAL BUS CONDUIT AND TRUNK TRAYS FROM SOLID WATER, GAS AND PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED.
13. PERMIT AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRING A PERMIT, OR OTHER AGENCY STEP, PROVIDING THE PERMITS ARE AS DETAILED IN THE PLANS (AND SPECS).
14. OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL OTHER LOCATIONS FOR USE LOCATIONS, CABT ALLOY WITH THEREATED HUB OUTLET BOXES SHALL BE INSTALLED.
15. HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO CO.
16. COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. COORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS INSTALLATIONS SO THAT COMPLETE, FUNCTIONING SYSTEMS IS INSTALLED IN EACH CASE WITH NO EXTRA COST TO THE OWNER.
17. EMERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE USED PER NEC 100-12F.
18. ALL PANEL, SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA CIRCUIT SHALL BE CLEARLY IDENTIFIED A TO WHAT IS INCLUDED ON SAID CIRCUIT.
19. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.
20. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
21. PERMIT AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HVAC SYSTEMS PER ALL APPLICABLE RECOMMENDATIONS AND REQUIREMENTS OF THE HVAC CONTRACTOR AND THE ELECTRICAL CONTRACTOR.
22. ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OF 3/4".
23. ALL CIRCUIT BREAKERS, TWO AND THREE POLE SHALL BE CONDUIT RATED. NO TH HANDLES OR LAMPS SHALL BE ACCEPTABLE.
24. ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (CL) RATED 200,000 AIC.
25. ELECTRICAL CONTRACTORS SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS, & DETERMINE THE CORRESPONDENCE OF SAID, ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK.
26. CIRCUITS ON PANEL, SCHEDULE (AND PLANS), ARE TO DETERMINE LOAD DATA, AND SIZE THE CONTRACTOR SHALL PROVIDE CIRCUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB CONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
27. CHECK EQUIPMENT FOR PROPER VOLTAGE PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.
28. PANEL, BOARD'S SHALL BE CIRCUIT BREAKER TYPE. VERIFY NUMBER AND SIZES OF CIRCUITS.
29. WHEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE INSTALLED SO THAT NO PULL EXCEEDS THIS DISTANCE.
30. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

REVISIONS
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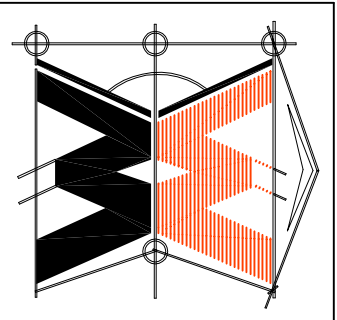
**ARCHITECT**

N.C.A.R.B. Certified

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**2K2096**

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**SHEET NUMBER**  
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**OF 5 SHEETS**