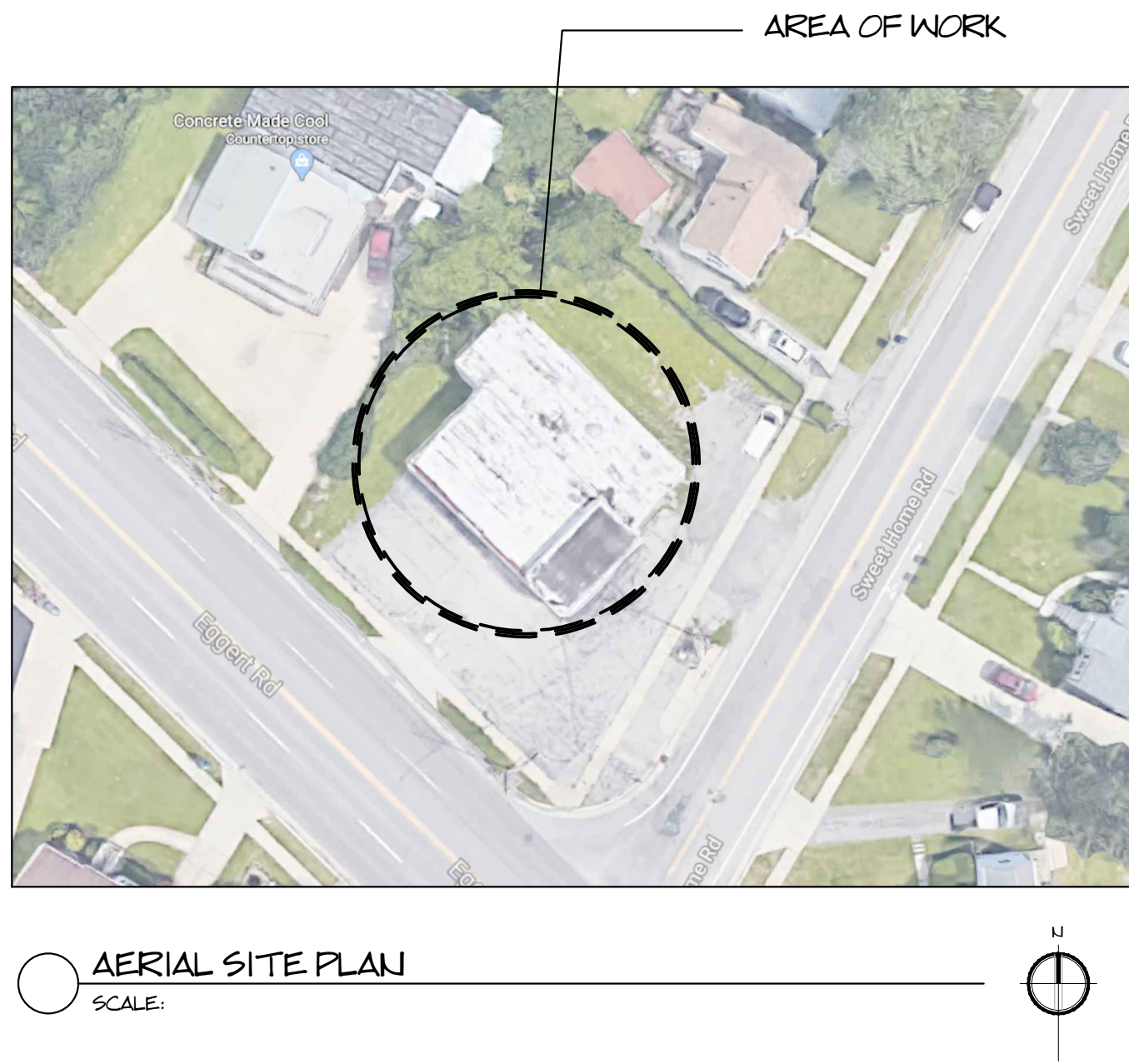
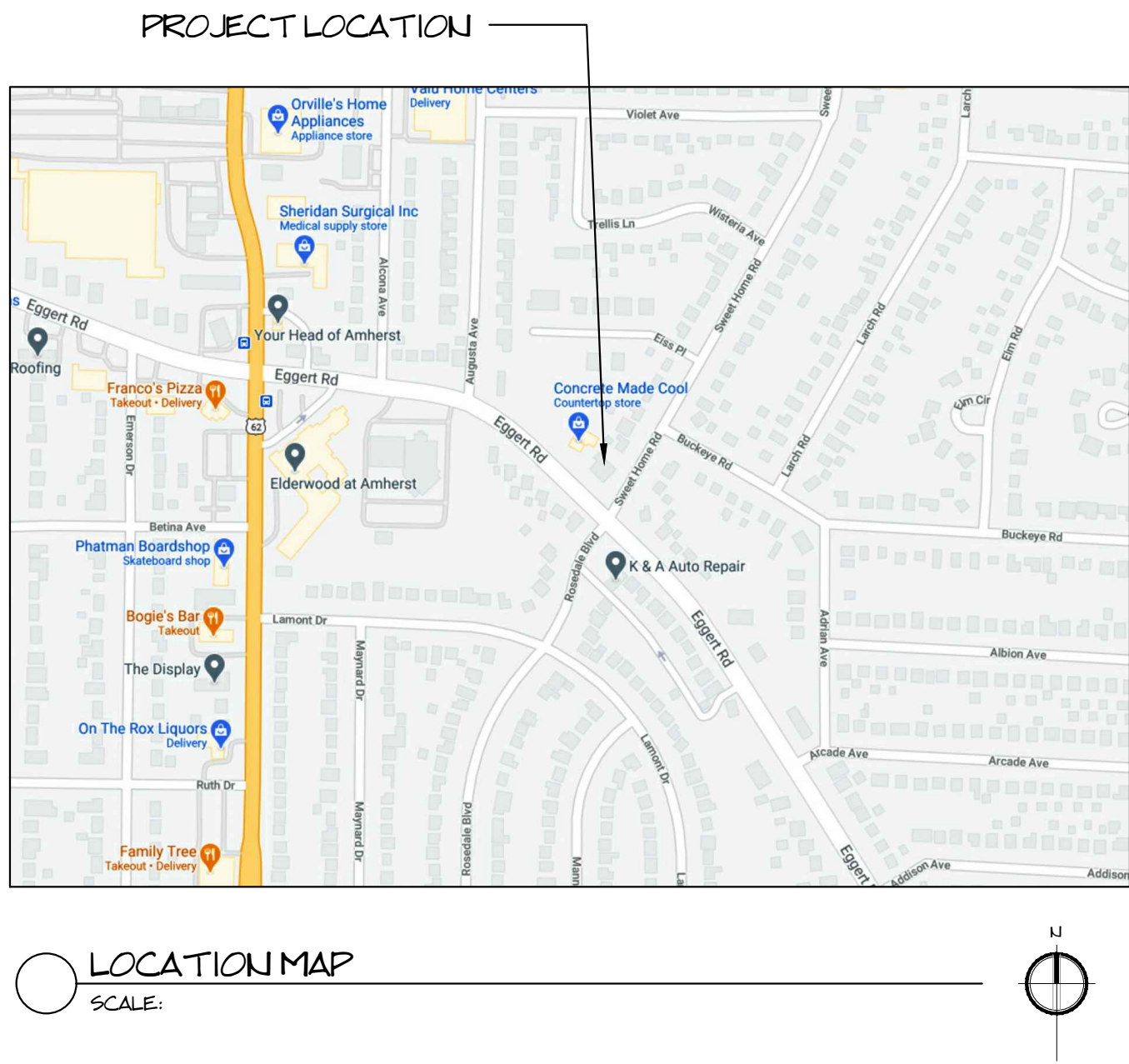


Salon

Interior Buildout
1815 Eggert Road
Amherst, New York 14226



BUILDING CODE INFORMATION	
BUILDING CODE:	NYS BUILDING CODE 2020
ENERGY CODE:	NYS ENERGY CODE 2020
HANDICAP ACCESSIBILITY:	NYS BUILDING CODE 2020/ ICC/ANSI A117.1 - 2009
CONSTRUCTION TYPE:	III B
CLASSIFICATION OF WORK:	INTERIOR RENOVATION
OCCUPANCY CLASSIFICATION:	B BUSINESS SALON
BUILDING FLOOR AREA:	+/- 2,800 SF TOTAL
ALLOWABLE BUILDING AREA:	TABLE 506.2 - 19,000 SF.
ACTUAL BUILDING HEIGHT:	1 STORY - (TABLE 504.4 - 3 STORY ALLOWABLE)
FIRE PROTECTION/SPRINKLER:	NOT REQUIRED, NOT PROVIDED
TRAVEL DISTANCE TO EXIT:	ALLOWABLE = 200 PER TABLE 107.2 / ACTUAL = LESS THAN 80'
OCCUPANT LOAD:	19 PEOPLE : 2800 / 150SF GROSS = 18.6 = 19 PPL.
EGRESS WIDTH REQ'D:	100.3, 2' - 2" PER OCCUPANT = 3.8' REQUIRED, EGRESS DOORS ARE MIN OF 36" WIDE.
EGRESS WIDTH ACTUAL:	108" PROVIDED - (3) 36" DOORS
INCIDENTAL USE SEPARATION:	NOT APPLICABLE
ACCESSORY USE SEPARATION:	NOT APPLICABLE
OCCUPANCY SEPARATION:	NOT APPLICABLE
CORRIDORS:	NOT APPLICABLE

- GENERAL WORK NOTES:
- CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE NYS BUILDING CODE.
 - CONSTRUCTION MEANS, METHODS, TECHNIQUES AND CRAFTSMANSHIP ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. CONTACT ARCHITECT IF MAJOR DISCREPANCIES OCCUR BETWEEN DRAWINGS AND EXISTING CONDITIONS.
 - THE CONTRACTOR IS REQUIRED TO INSPECT THE PROJECT SITE IN ORDER TO DETERMINE THE EXTENT OF THE REQUIRED WORK. THIS INSPECTION SHALL BE COMPLETED PRIOR TO THE SUBMISSION OF ANY PROPOSAL TO COMPLETE THIS PROJECT. INSPECTION TIMES SHALL BE COORDINATED WITH THE OWNER.
 - THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL INFORMATION ON THE DRAWINGS.
 - THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF THE RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF THE WORK. THESE DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTIONS AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATION TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL BID & PERFORM THE WORK IN ACCORDANCE WITH THE FIELD CONDITIONS.
 - ALL DIMENSIONS SHOWN FOR EXISTING STRUCTURES ARE BASED ON RECORD DRAWINGS AND FIELD MEASUREMENTS. THE CONTRACTOR IS ADVISED THAT SAID DRAWINGS MAY NOT ACCURATELY REFLECT AS BUILT CONDITIONS. ACCURATE FIELD MEASUREMENTS SHOULD BE MADE PRIOR TO ORDERING ANY PREFABRICATED MATERIALS. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AND SHALL BE REFLECTED ON THE CONTRACTOR'S SHOP DRAWINGS.
 - THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR THIS PROJECT WILL BE COMPLETED TO THE SCOPE OF THE PROJECT IN COMPLIANCE WITH THE OWNER AND DESIGN TEAM. ANY CHANGES TO THESE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS WILL ONLY BE DONE BY A CHANGE ORDER THAT IS APPROVED BY THE OWNER'S REPRESENTATIVE.
 - CONSIDERATION WILL NOT BE GRANTED FOR ANY ALLEGED MISUNDERSTANDINGS AS TO THE AMOUNT AND / OR SCOPE OF WORK TO BE PERFORMED. TENDER OF PROPOSAL SHALL CONVEY FULL AGREEMENT TO THE TERMS AND CONDITIONS INDICATED IN THE CONSTRUCTION DOCUMENTS. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS OR BE IN DOUBT AS TO THE INTENT THEREOF, THE CONTRACTOR SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO SUBMITTING A PROPOSAL FOR THE WORK.
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INDEX OF DRAWINGS:

CS	COVER SHEET
A-1.0	FLOOR PLAN, SCHEDULES & DETAILS
A-2.0	REFLECTED CEILING PLAN
M-1.0	MECHANICAL PLANS & SCHEDULES
E-1.0	POWER PLAN, SCHEDULES, AND DETAILS
P-1.0	PLUMBING PLANS
P-2.0	SANITARY PLUMBING PLAN & PLUMBING SPEC

1815 Eggert Road
Amherst, NY 14226

PROJECT:

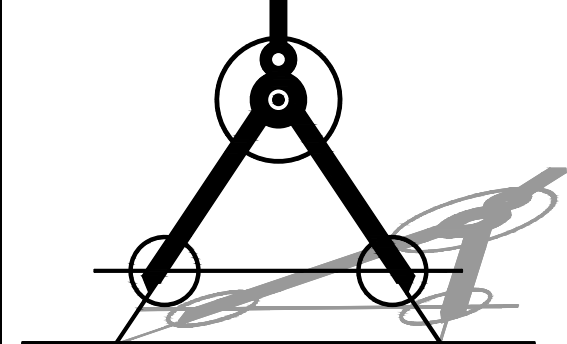
Proposed Salon

PROJECT #
20-3475

DATE
10/2020

CONSULTANTS:

Date & Issue Description



Ashwood Architectural, PC

-The Wurlitzer Building-
908 Niagara Falls Boulevard
N. Tonawanda, NY 14120
Office: 716-236-8212
Email: jrbennett@ashwoodarchitectural.com

SEAL / SIGNATURE

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SHEET TITLE

COVER
SHEET

SHEET

COVER

SCALE

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PLST DATE

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1815 Eggert Road
Amherst, NY 14226

PROJECT:

Proposed Salon

PROJECT #

20-3475

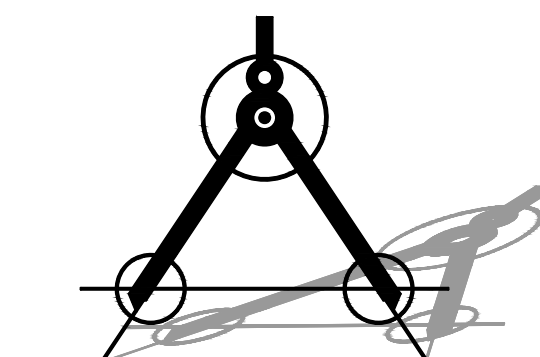
DATE

10/2020

CONSULTANTS:

△

Date & Issue Description



Ashwood Architectural, PC

-The Wurlitzer Building-
908 Niagara Falls Boulevard
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by his signature and date of such alteration and a specific description of the alteration.

SHEET TITLE

REFLECTED
CEILING &
LIGHTING PLAN

SHEET

A-2.0

SCALE

AS NOTED

PLOT DATE

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2 MEZZ OFFICE REFLECTED CEILING PLAN

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

EXISTING CEILING FRAMING TO REMAIN
EXPOSED PROVIDED THAT ROOF INSULATION
EXISTS ABOVE EXISTING ROOF DECK. IF THIS
IS NOT THE CASE, ROOF FRAMING WILL NEED
TO BE FILLED WITH R-20 BATT INSULATION
AND THEN COVERED WITH 2" GYP. BR. G.C. TO
VERIFY FOR FINAL PRICING.

LUMINAIRE SCHEDULE					
TYP	SYMBOL	DESCRIPTION	LAMP	MOUNTING/BALLAST	QTY
A1	○	Lithonia Lighting LDN6 35/10 LO6AR LS 6IN LDN, 3500K, 1000LM, CLEAR	(1)	RECESSED MOUNT, 11'-0" / 11'-6" A.F.F.	20
E	○	Lithonia Lighting LDN6 35/20 LO6AR LS 6IN LDN, 3500K, 2000LM, CLEAR	(1)	RECESSED MOUNT, 11'-0" / 11'-6" A.F.F.	34
R	○	Lithonia Lighting LDN4 35/10 LO4AR LS 4IN LDN, 3500K, 1000LM, CLEAR	(1)	RECESSED MOUNT, 9'-0"	17

1

REFLECTED CEILING & LIGHTING PLAN

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

GENERAL MECHANICAL SPECIFICATIONS:

DUCTWORK AND ACCESSORIES

TYPE SYSTEM: LOW PRESSURE. ALL DUCTWORK AND FITTINGS, SELECTIONS, APPLICATIONS AND INSTALLATION SHALL BE IN ACCORDANCE WITH "SMANCA" - HVAC DUCT CONSTRUCTION STANDARDS.

CONSTRUCTION: LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL SHEETS. DUCTWORK SHALL CONFORM ACCURATELY TO THE DIMENSIONS INDICATED, AND SHALL BE STRAIGHT AND SMOOTH ON THE INSIDE WITH JOINTS NEATLY FINISHED. DUCTS SHALL BE STRAIGHT AND SMOOTH ON THE INSIDE WITH JOINTS NEATLY FINISHED. DUCTS SHALL BE SECURE AND ANCHORED TO THE BUILDING'S STRUCTURAL COMPONENTS AND FRAMING, AND SHALL BE FABRICATED AND SUPPORTED IN SUCH A MANNER AS TO PREVENT VIBRATION AND PULSATION UNDER OPERATING CONDITIONS. BUTTON PUNCH OR BOLD CONNECTIONS IN STANDING SEAMS SHALL BE SPACED AT NOT GREATER THAN 6-INCHES ON CENTERS. LONGITUDINAL LOCKS OR SEAMS TERMED "BUTTON PUNCH SNAP LOCK" ARE ACCEPTABLE IN LIEU OF PITTSBURG LOCKS. ELBOWS SHALL BE RADIUS TYPE WITH A CENTER RADIUS OF 1-1/2 TIMES THE WIDTH OR DIAMETER OF THE DUCT. WHERE SPACE DOES NOT PERMIT, THE USE OF SHORT RADIUS ELBOWS HAVING A MINIMUM RADIUS OF 1.0 TIMES THE WIDTH OR DIAMETER OF THE DUCT, OR SQUARE ELBOWS WITH FACTORY FABRICATED TURNING VANE MAY BE USED. ALL DUCT JOINTS AND TRANSVERSE AND LONGITUDINAL SEAMS SHALL BE SEALED WITH A LATEX TYPE DUCT SEALER APPROVED BY THE ENGINEER.

FITTINGS: SQUARE ELBOWS, FITTINGS, AND BRANCH TAKE-OFFS SHALL BE DESIGNED AND CONSTRUCTED AS SPECIFIED IN SMANCA.

ALL GENERAL VENTILATION ITEMS SHALL COMPLY WITH NFPA BULLETIN 90A.

SLEEVED AND FRAMED OPENINGS: SPACE BETWEEN THE SLEEVED OR FRAMED OPENING AND THE DUCT AND THE DUCT INSULATION SHALL BE PACKED WITH MINERAL WOOL OR OTHER APPROVED MATERIAL TO MEET THE REQUIREMENTS OF WALL CONSTRUCTION FOR SMOKE OR FIRE CONTROL.

SUPPLY DIFFUSER - (SD):

LOCATION: CEILING.

MATERIAL: STEEL.

FRAME: "T" FOR "T"-BAR CEILING MOUNTING.

TYPE: LOUVERED VANE DESIGN WITH INNER VANE

ASSEMBLY, REMOVABLE AND ADJUSTABLE.

DAMPER: OPPOSED BLADE, KEY OPERATED.

FINISH: BAKED WHITE ENAMEL.

MANUFACTURERS: CARNES, KRUGER, TITUS,

ANEMOSTAT, PRICE.

SUPPLY REGISTERS - (SR):

LOCATION: WALL.

MATERIAL: STEEL.

TYPE: LOUVERED BLADE, WITH 1 1/2" BORDER, 0.666

BLADE SPACING.

DAMPER: OPPOSED BLADE, KEY OPERATED.

FINISH: BAKED WHITE ENAMEL.

MANUFACTURERS: CARNES, KRUGER, ANEMOSTAT,

PRICE.

RETURN GRILLES - (RG):

LOCATION: CEILING.

MATERIAL: STEEL.

TYPE: LOUVERED BLADE, WITH 1 1/2" BORDER, 0.666

BLADE SPACING.

FINISH: BAKED WHITE ENAMEL.

MANUFACTURERS: CARNES, KRUGER, ANEMOSTAT,

PRICE.

LINEAR DIFFUSER - (LSD)

LOCATION: CEILING.

MATERIAL: ALUMINUM.

TYPE: HIGH VOLUME MODEL SLOT WITH ADJUSTABLE WEIR OR

VANE AND EQUALIZING GRID.

DAMPER: OPPOSED BLADE - SCREEN DRIVER OPERATED.

FINISH: BAKED WHITE ENAMEL.

MANUFACTURERS: "PRICE", "CARNES", "ANEMOSTAT", "TITUS".

RETURN REGISTERS - (RR):

LOCATION: CEILING.

MATERIAL: STEEL.

TYPE: LOUVERED BLADE, WITH 1 1/2" BORDER, 0.666 BLADE SPACING.

DAMPER: OPPOSED BLADE, KEY OPERATED.

FINISH: BAKED WHITE ENAMEL.

MANUFACTURERS: CARNES, KRUGER, ANEMOSTAT, PRICE.

ACOUSTICAL DUCT LINING:

LOCATION: RETURN AIR DUCTS.

TYPE: 1" THICK, 1.5 LB. DENSITY FIBERGLASS DUCT LINER MATERIAL. IN

ACCORDANCE WITH FED. SPEC. HH-1545, TYPES I AND II.

APPLICATION: APPLY WITH RETAINING PIN AND GALVANIZED SHEET

METAL DISCS AS PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL: DUCT DIMENSIONS INDICATED ON DRAWINGS ARE FOR INSIDE

CLEAR DIMENSIONS.

LININGS IN AIR DUCTS AND EQUIPMENT SHALL MEET THE EROSION TEST

METHOD DESCRIBED IN UNDERWRITER'S LABORATORIES, INC.,

PUBLICATION NO. 181.

PIPE AND FITTINGS:

TYPE:

DRAIN - PVC - SCHEDULE 40

FURNACE INTAKE/VENT PIPING - PVC PLASTIC, SCHEDULE 40 PIPE: ASTM D 1785.

1. PVC PLASTIC, SCHEDULE 40 FITTINGS: ASTM D 2466, SOCKET TYPE.

2. PVC SOLVENT CEMENT: ASTM D 2564.

REFRIGERATION PIPING - TYPE ACP* HARD DRAWN COPPER TUBE (ASTM B875), SILVER SOLDER JOINTS, ROUGH COPPER FITTINGS CONFORMING TO

ANSI B16.2. PROVIDE WITH THERMOSTATIC EXPANSION VALVE, SIGHT GLASS, DRIER/FILTER. PITCH SUCTION PIPES DOWN TO CONDENSING UNIT AND

PITCH LIQUID PIPES DOWN TO FURNACE.

NATURAL GAS PIPING - PIPE: 2 1/2" AND SMALLER: ASTM A53, GRADE B, STANDARD WEIGHT, BUTT WELD, BLACK STEEL, ENDS THREADED.

FITTINGS: 2 1/2" AND SMALLER: ASTM A47/ANSI B16.3, 150 POUND, BLACK MALLEABLE IRON, THREADED JOINT.

UNIONS: 2 1/2" AND SMALLER: ANSI B16.39, 150 POUND, BLACK MALLEABLE IRON, BRASS SEAT, THREADED JOINT.

VALVES (BALL): 2 1/2" AND SMALLER: CRANE NO. 930-UL, BRONZE BODY, THREADED JOINT.

INSTALLATION OF PIPING SYSTEM.

GENERAL: INSTALL PIPING PRODUCTS IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS, THE APPLICABLE REQUIREMENTS OF

ANSI B31.2, AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES TO INSURE THAT PRODUCTS SERVE THE INTENDED FUNCTION. LOCATE

UNIONS AND FLANGES FOR EASE OF EQUIPMENT INSTALLATION AND MAINTENANCE. INSTALLATION OF GAS PIPING SHALL COMPLY WITH LOCAL CODES.

NATURAL GAS PIPE TESTING:

TEST PIPING SYSTEM IN ACCORDANCE WITH THE GAS COMPANY STANDARDS. ALL NEW GAS PIPING SHALL BE TESTED IN THE PRESENCE OF THE CODE

OFFICIAL AT 1 1/2 TIMES THE WORKING PRESSURE, BUT NOT LESS THAN 3 PSI FOR A PERIOD OF 10 MINUTES. TO LOCATED LEAKS, COVER JOINTS WITH

SOAP SUDS OR A LEAK FINDER LIQUID. AN APPROVED SOAP SOLUTION - DISSOLVE 1 OZ. OF BASTILE OR PALM OIL SOAP IN 90Z. OF GLYCERINE. REPAIR

PIPING IF REQUIRED AND RETEST.

INSULATION:

PROVIDE ALL LABOR, MATERIAL, ETC., REQUIRED TO PRODUCE A COMPLETE FINISH INSULATION SYSTEM FOR THE FOLLOWING SYSTEM: SUPPLY AIR

DUCTWORK OUTDOOR AIR INTAKE DUCTWORK REFRIGERANT SUCTION PIPING

FLAME/SMOKE RATINGS: PROVIDE COMPOSITE MECHANICAL INSULATION (INSULATION JACKETS, COVERINGS, SEALERS, MASTICS, AND ADHESIVES) WITH

FLAME-SPREAD RATING OF 25 OR LESS AND SMOKE-DEVELOPED RATING OF 150 OR LESS, AS TESTED BY ANSI/ASTM E 84 (NFPA 255) METHODS.

SUPPLY AIR DUCT INSULATION:

MAKE: OWENS-CORNING, CERTAINTED, KEENE.

TYPE: BLANKET FIBERGLASS IN CONCEALED AREAS. RIGID BOARD TYPE IN EXPOSED AREAS. PROVIDE WITH FIRE-RETARDANT JACKET.

APPLICATION: SEAT BUTTS AND LAB WITH VAPOR BARRIER MASTIC AND VAPOR JOINT STRIPS. BLANKET INSULATION ON DUCTS WITH MECHANICAL

FASTENERS AT NO MORE THAN 18" O.C. RIGID INSULATION WILL BE IMPALED ON PINS LOCATED NO LESS THAN 12" O.C. THE PINS SHALL BE COVERED

WITH BENJAMIN-FOSTER 30-35 MASTIC AND CAPS.

SCHEDULE: 1.5" THICKNESS - THROUGHOUT / 3" THICKNESS IN ATTIC SPACE.

JACKETS: REINFORCED ALUMINUM FOIL.

REFRIGERANT SUCTION PIPING: 1/2" THICKNESS "ARMAFLEX" INSULATION TYPE "AP".

ADJUSTING, BALANCING, TESTING AND INSPECTION: TESTING, BALANCING, AND ADJUSTING: TESTING, BALANCING AND ADJUSTING SHALL BE

PERFORMED BY FIRMS CERTIFIED BY THE NATIONAL ENVIRONMENT BALANCING BUREAU OF BY FIRMS QUALIFYING IN COMPLIANCE WITH THE

PARAGRAPH ON PERFORMANCE.

FIELD TESTS: PROPOSED TESTING PROGRAM SHALL BE SUBMITTED TO THE ENGINEER AT LEAST TWO WEEKS PRIOR TO THE SCHEDULED TEST TO

ASSURE AGREEMENT AS TO PERSONNEL AND INSTRUMENTATION REQUIRED AND THE SCOPE OF TESTING PROGRAM. FINAL TEST REPORT SHALL BE ON

PREPARED FORMS REQUIRED BY NEBB.

VERIFICATION OF DIMENSIONS:

THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL DETAILS OF THE WORK, VERIFY ALL DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE ENGINEER

OF ANY DISCREPANCY BEFORE PERFORMING WORK.

COORDINATION:

HEATING CONTRACTOR SHALL COORDINATE ALL WORK AND MATERIALS WITH OTHER CONTRACTORS. THIS WORK SHALL INCLUDE, BUT NOT BE LIMITED

TO THE FOLLOWING: ELECTRICAL WORK: PROVIDE WIRING DIAGRAMS, MOTOR STARTER RECOMMENDATIONS (INCLUDING TYPE, SIZE, AD FUSING

REQUIREMENTS), LOCATION OF STARTERS AND DISCONNECT SWITCHES.

GUARANTEE:

ON FINAL COMPLETION, FURNISH TO OWNER, A WRITTEN GUARANTEE COVERING THE COMPLETE INSTALLATION FOR A PERIOD OF ONE (1) YEAR FROM

THE DATE OF WORK STATING IN EFFECT THAT ANY DEFECTS IN MATERIAL OR WORKMANSHIP OCCURRING DURING TERMS OF SAID GUARANTEE SHALL

BE MADE GOOD BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER.

HVAC PLAN KEY:

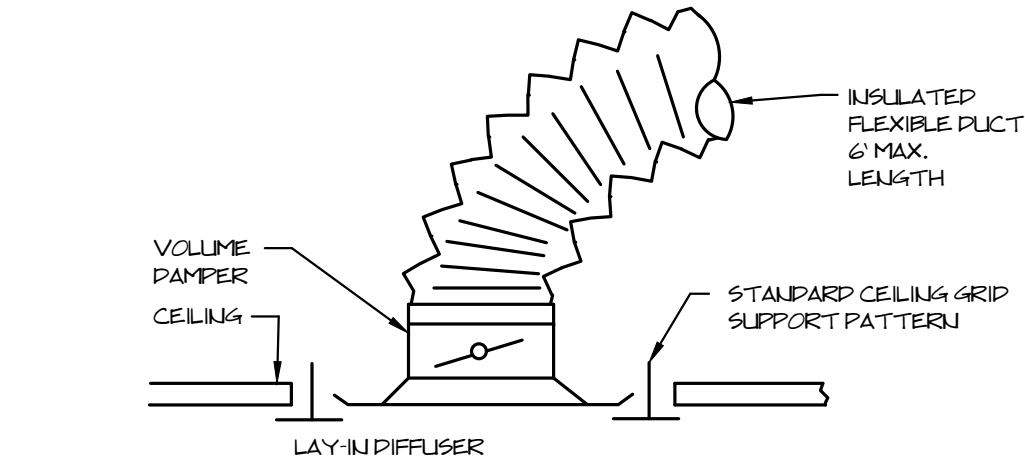
⊠ HVAC SUPPLY DIFFUSER

⊠ HVAC RETURN DIFFUSER

⊠ EXHAUST AIR GRILLE

⊠ T-STAT (PROVIDE LOCKABLE COVER)

⊠ VOLUME DAMPER / FIRE DAMPER



⊠ LAY-IN DIFFUSER DETAIL

SCALE:

⊠ FIRST FLOOR PLAN

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

GENERAL NOTES:

A. REFER TO REFLECTIVE CEILING PLAN DRAWINGS FOR EXACT LOCATIONS OF DIFFUSERS, REGISTERS, AND GRILLES.

B. CONTRACTOR SHALL MAINTAIN RECOMMENDED CLEARANCES FOR MAINTENANCE, OPERATION, ETC. ON ALL EQUIPMENT.

C. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS AT MAIN DUCT.

D. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

E. CONTRACTOR SHALL COORDINATE ALL HVAC WORK WITH OTHER TRADES, LIGHTS, PLUMBING, STRUCTURAL, ETC.

F. FIREPROOF ALL PIPING AND DUCT PENETRATIONS THRU FIRE RATED WALLS, WHERE APPLICABLE.

G. ALL TEMPERATURE CONTROL DEVICES, RELAYS, HARDWARE, NECESSARY COMPONENTS, AND LOW VOLTAGE CONTROL, AND LINE VOLTAGE INTERLOCK WIRING PROVIDED BY MECHANICAL CONTRACTOR. ALL POWER WIRING AND CONDUIT BY ELECTRICAL CONTRACTOR.

H. ALL VENTILATION RATES/OUTDOOR AIR REQUIREMENTS SHALL COMPLY WITH TABLE 403.3.11 IN MECHANICAL CODE OF NYS. THUS, MAKEUP / PEPIURE AREA SHALL RECEIVE 1175 CFM OF OUTDOOR AIR AS REQUIRED. REAR HAIR STYLE AREA SHALL RECEIVE 963 CFM OF OUTDOOR AIR AS REQUIRED.

I. MAKEUP AND PEPIURE STATIONS SHALL BE DUCTED AND DIRECTLY EXHAUSTED TO THE EXTERIOR AS SHOWN.

J. ALL DUCTWORK SHOWN SHALL BE EXPOSED SPIRAL DUCTWORK WITH SUPPLY HOUSE / SALE STICKERS REMOVED OR PLACED AT TOP OUT OF VIEW. DUCTWORK SHALL NOT BE PAINTED.

K. HVAC DESIGN SHOWN BELOW REPRESENTS DESIGN INTENT. AWARDED MECHANICAL CONTRACTOR MAY SUBSTITUTE ALTERNATE PRODUCTS AND/OR MEASURES TO PROVIDE REQUIRED VENTILATION AND VENTILATION RATES DETAILED HEREIN.

HVAC EQUIPMENT SCHEDULE

MARK	MANUFACTURER	MODEL #	NOMINAL TONS	STANDARD CFM	FAN	COOLING			HEATING (NATURAL GAS)			ELECTRICAL			WEIGHT	NOTES/ ACCESSORIES
						TOTAL (MBH)	SENSIBLE (MBH)	EFFICIENCY	INPUT	OUTPUT	STAGES	VOLTAGE	MCA	MOC		
F-1	TRANE	S9V2C100U4PSAA	4.0	1600 CFM		48		96% AFUE	65 100	63 97	2	120/1/60	10.8	15	154	1,2
F-2	TRANE	S9V2B060U4PSAA	3.5	1400 CFM		42		96% AFUE	39 60	37.8 58.2	2	120/1/60	10.8	15	130	1,2
ERV-1	FANTECH	SER 1100		1175	HIGH SPEED SETTING							120/1/60	11.17		210	3
ERV-2	FANTECH	SER 1100		963	MED. SPEED SETTING							120/1/60	11.17		210	3

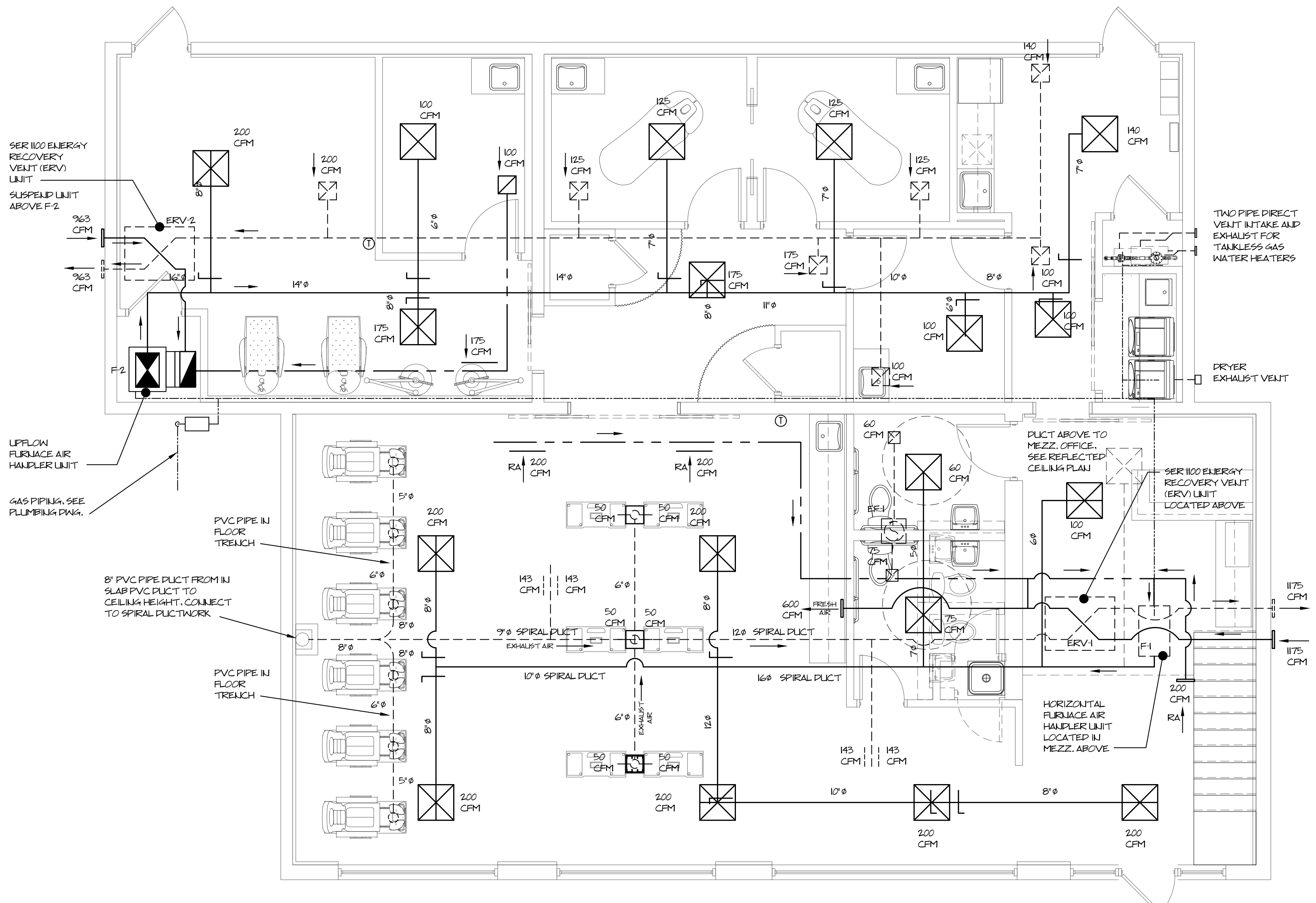
1. PROVIDE WITH PROGRAMMABLE THERMOSTAT
2. THERMOSTATS ARE TO BE LABELED DESIGNATING AREA OF COVERAGE
3. PROVIDE THREADED ROD SUSPENSION FROM STRUCTURE ABOVE

EXHAUST FAN SCHEDULE

UNIT NO.	AREA SERVED	MODEL NO.	CFM	E.S.P. (IN WG.)	TYPE	MOTOR	POWER	NOTES
EF-1	RESTROOMS	GREENHECK CSP-A125	130	.125	ABOVE CEILING	980 RPM / 19A, 22.4W	115V/1P	

NOTES:

1. INTERLOCK EXHAUST FAN OPERATION TO COINCIDE WITH RESTROOM LIGHT SWITCH(ES).
2. PROVIDE ABOVE CEILING MOUNTING, PER MANUF. RECOMMENDATIONS.
3. VENT TO EXTERIOR THRU ROOF. PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN.
4. PROVIDE ROOF FLASHING AS NECESSARY TO PROVIDE FOR WATERTIGHT INSTALLATION.



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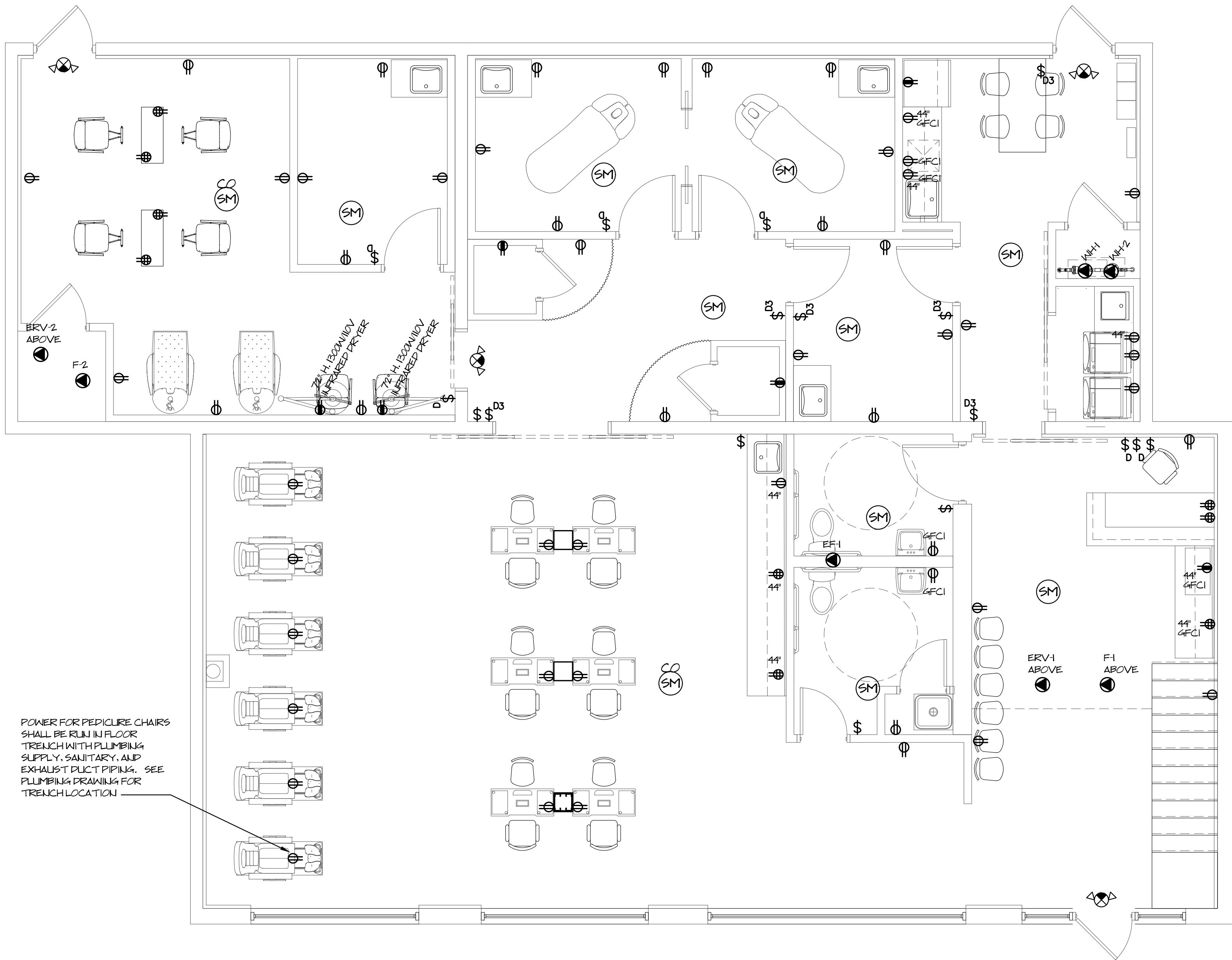
DESCRIPTION

GENERAL ELECTRICAL SPECIFICATIONS:

- A. ALL WORK SHALL CONFORM TO THE LATEST DATED NEC, AND LOCAL CODES.
- B. ALL RELATIVE REQUIREMENTS OF THE NEC, ASTM, OSHA, NEMA, AND ADA SHALL BE ADHERED TO THROUGHOUT THE PROJECT.
- C. THE EC (ELECTRICAL CONTRACTOR) SHALL MAINTAIN A LICENSE IN GOOD STANDING IN THE MUNICIPALITY IN WHICH THE WORK IS BEING PERFORMED.
- D. THE EC SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
- E. THE EC SHALL MAINTAIN A SET OF MARKED UP PRINTS TO PROVIDE AN "AS BUILT" RECORD OF ALL INSTALLED WORK, ALL CHANGES, AND INDICATING ALL DIMENSIONS FOR UNDERGROUND WORK. THIS SHALL BE PROVIDED BEFORE THE SUBMITTAL OF THE FINAL INVOICE.
- F. THE EC SHALL HAVE THE WORK REGULARLY INSPECTED BY THE LOCALLY ADOPTED AUTHORITY AND PROVIDE A CERTIFICATE OF APPROVED INSTALLATION UPON COMPLETION.
- G. THE SITE SHALL BE MAINTAINED IN A CLEAN AND SAFE CONDITION DURING CONSTRUCTION, AND LEFT IN A CLEAN, NEAT, AND SAFE CONDITION AT THE COMPLETION OF THE PROJECT.
- H. ALL TOOLS, MATERIALS, AND EQUIPMENT SHALL BE STORED, MOVED, AND HANDLED IN A SAFE MANNER TO PREVENT INJURY TO PERSONNEL OR STRUCTURES.
- I. ALL WORKMEN SHALL BE SKILLED IN THE TRADES AND PERFORM THEIR WORK IN A WORKMANLIKE MANNER.
- J. ALL LABOR, TOOLS, MATERIALS, EQUIPMENT, SUPERVISION, ETC. SHALL BE PROVIDED IN A TIMELY MANNER TO PRODUCE A COMPLETE AND WORKING PROJECT AS TO THE INTENT INDICATED BY THE DRAWINGS AND SPECIFICATIONS. ALL PREMIUM TIME SHALL BE INCLUDED IN THE BID PRICE.
- K. ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. ANY FAILURE OF MATERIALS OR WIRING DURING THAT TIME SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
- L. THE EC SHALL CONTACT THE CONCERNED UTILITY COMPANY AS TO ANY CHANGES THAT WILL EFFECT THE ELECTRICAL SERVICE.
- M. A COMPLETION SCHEDULE SHALL BE PROVIDED WITH THE BID.
- N. THE EC SHALL VISIT THE SITE BEFORE SUBMITTING A BID TO BECOME FAMILIAR WITH THE WORKING CONDITIONS.
- O. THE EC SHALL PROVIDE INSURANCE CERTIFICATES TO THE OWNER BEFORE STARTING WORK.
- P. THE EC SHALL HAVE A TRAINED SUPERVISOR IN CHARGE WHENEVER ELECTRICAL WORK IS BEING PERFORMED.
- Q. THE EC SHALL COOPERATE WITH THE GC (GENERAL CONTRACTOR) AND PROVIDE LABOR AND MATERIAL IN A TIMELY FASHION TO ADEQUATELY COMPLETE THE WORK AND MAINTAIN THE COMPLETION SCHEDULE.
- INSTALLATION
- A. ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- B. ALL EXPOSED WORK SHALL BE PLUMB AND PARALLEL TO MAJOR BUILDING LINES.
- C. ALL EQUIPMENT (CONDUIT, BOXES, PANELS, SWITCHES, ETC.) SHALL BE SECURELY SUPPORTED FROM THE PRIMARY BUILDING STRUCTURE.
- D. NEWLY INSTALLED MATERIALS AND EQUIPMENT SHALL NOT INTERFERE WITH ACCESS TO EXISTING EQUIPMENT TO BE REUSED.
- E. ALL RACEWAYS SHALL BE MAINTAINED CLEAR OF FOREIGN MATERIALS AND WIRE SHALL BE INSTALLED IN A MANNER TO PREVENT INJURY TO THE INSULATION OR CONDUCTORS.
- F. RACEWAYS SHALL BE SQUARE CUT, FREE OF BURRS, AND TERMINATED WITH INSULATED BUSHINGS AND ENDS.
- G. RACEWAYS PASSING FROM WARM TO COLD AREAS SHALL BE SEALED USING APPROVED FITTINGS.
- H. WIRE TERMINATIONS SHALL NOT HAVE EXCESS CONDUCTORS EXPOSED.
- I. WIRE SPLICES SHALL BE MADE WITH SOLDERLESS PRESSURE TYPE CONNECTORS AND PROPERLY INSULATED.
- J. ALUMINUM WIRE SPLICES AND TERMINATIONS SHALL USE ANTI-OXIDANT COMPOUNDS ON THE CONDUCTORS.
- K. ALL CUTTING AND PATCHING SHALL BE DONE IN A MANNER THAT WILL NOT WEAKEN ANY STRUCTURAL OR SUPPORTING MEMBERS. ALL SURROUNDING AREAS SHALL BE RETURNED TO THE PREVIOUS CONDITION OF THE SURROUNDING AREA.
- L. THE EC SHALL NOTIFY THE GC AND THE ARCHITECT/ENGINEER OF ANY QUESTIONABLE CONDITION THAT MAY EFFECT THE SATISFACTORY INTENT OF THE COMPLETED PROJECT.
- M. LABEL ALL SWITCHES, PANELS, FEEDERS, ETC. AND PROVIDE EACH PANEL WITH A TYPEWRITTEN DIRECTORY.
- N. ALL CUTTING AND PATCHING REQUIRED FOR THE NEW WORK SHALL BE THE RESPONSIBILITY OF THE EC. ALL SURFACES SHALL BE PATCHED WITH MATERIALS SIMILAR TO THE ADJACENT AREAS. CHASES IN CONCRETE SHALL BE MADE WITH SAW CUTS TO PROVIDE A CLEAN EDGE TO FINISH.
- MATERIALS
- A. ALL MATERIALS SHALL BE NEW AND BARE THE UL LABEL WHERE APPLICABLE.
- B. RIGID GALVANIZED STEEL CONDUIT SHALL BE USED UNDERGROUND, WHEN IN CONCRETE, OR WHERE EXPOSED TO PHYSICAL DAMAGE OR MOISTURE.
- C. EMT MAY BE USED INDOORS WHERE EXPOSED OVER SUSPENDED CEILINGS, OR IN PARTITIONS
- D. USE LIQUID TIGHT FLEXIBLE CONDUIT TYPE UA COMPLETE WITH APPROVED FITTINGS FOR SHORT CONNECTIONS (LESS THAN 6') TO VIBRATING OR ADJUSTABLE EQUIPMENT.
- E. UNLESS OTHERWISE SPECIFIED, WIRE SHALL BE 98 TYPE THHN, THWN, OR XHHW INSULATION, NO. 6 AND LARGER SHALL BE STRANDED, NO. 10 AND SMALLER MAY BE STRANDED.
- F. PULL, SPLICE, AND OUTLET BOXES SHALL BE MINIMUM SIZE OR LARGER AS PER NEC REQUIREMENTS. WEATHER PROOF BOXES SHALL BE CAST OR SEAM WELDED GALVANIZED STEEL AND PROVIDED WITH A GASKETED COVER. BRASS SCREWS SHALL BE USED TO SECURE THE COVER WHEN EXPOSED TO MOISTURE.
- G. BRANCH PANELS SHALL BE CIRCUIT BREAKER TYPE SIMILAR TO SQ. D CO. M200 TYPE UNLESS OTHERWISE SPECIFIED.
- H. SAFETY SWITCHES SHALL BE FUSED, HEAVY DUTY TYPE AND OF THE AMPACITY AND VOLTAGE INDICATED.
- I. WIRING DEVICES SHALL BE COMMERCIAL SPECIFICATION GRADE AND COLOR AS SELECTED BY THE ARCHITECT/ENGINEER.
- J. CONCEALED WIRING OVER SUSPENDED CEILINGS OR IN PARTITIONS MAY BE WIRED USING METALLIC SHEATHED CABLE (MC) WITH COPPER CONDUCTORS AND AN INSULATED GROUNDING CONDUCTOR. ALL CONDUCTORS SHALL BE PROTECTED AS PER NEC. ALL WIRING SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING AND THE CEILING SUPPORT SYSTEM.

SYMBOL LEGEND

- ⊕ DUPLEX RECEPTACLE MOUNTED AT STANDARD HEIGHT A.F.F. (U.N.I.O.)
- ⊕ QUAD RECEPTACLE MOUNTED AT STANDARD HEIGHT A.F.F. (U.N.I.O.)
- ⊙ JUNCTION BOX
- EQUIPMENT CONNECTION
- ▲ TEL/DATA CONNECTION. PROVIDE CONDUIT TO ABOVE CEILING WITH PULL WIRE
- CO
SM COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR
- SM SMOKE DETECTOR
- *SMOKE AND CO DETECTORS SHALL BE HARDWIRED TO POWER SOURCE, W/ BATTERY BACKUP AND INTERCONNECTED TO ONE ANOTHER



POWER FOR PEDICURE CHAIRS SHALL BE RUN IN FLOOR TRENCH WITH PLUMBING SUPPLY, SANITARY, AND EXHAUST DUCT PIPING. SEE PLUMBING DRAWING FOR TRENCH LOCATION.

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

1815 Eggert Road
Amherst, NY 14226

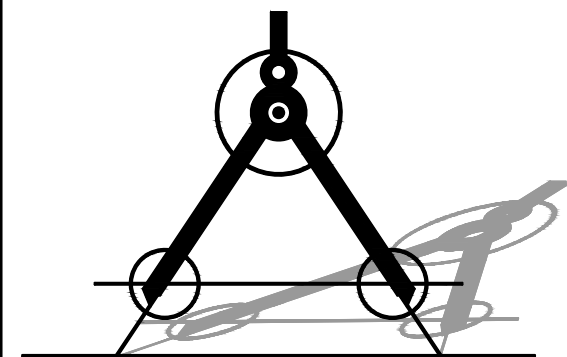
PROJECT:

Proposed Salon

PROJECT # 20-3475 DATE 10/2020

CONSULTANTS:

Date & Issue Description



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SHEET TITLE

POWER PLAN

SHEET

E-1.0

SCALE AS NOTED
PLOT DATE 11/11/2020 1:46 PM COPY RIGHT © 2020

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