project synopsis Governing Municipality: Lee's Summit, MO Governing Code: 2018 IBC, 2018 IPC, 2018 IMC, 2018 IFGC, 2018 IFC, 2017 NEC, ICC/ANSI A117.1-2017 Stories: Fire Suppression: Construction Type: İΙΒ Tenant Area: 2,973 sq.ft. Occupancy Group: 2,973 sq. ft. / 50 = 60 occupants Occupant Load: Plumbing Fixtures: drinking fountains service sink water closets required no. of fixtures (men / women) 1 per 125/1 per 65 (assembly III)

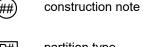
general notes

- Double keyed locks are not permitted on any required or marked exit.
- Exit/emergency lighting are subject to an on site inspection. Provide min. 3 1/2" batt insulation between conditioned & unconditioned spaces
- Exit doors shall be openable from the inside without the use of a key or any special knowledge or effort
- Provide electrical outlets @ 15" a.f.f. to the lowest outlet per a.d.a. Egress illumination will be provided at an intensity of not less than 1 foot candle
- at floor level. Construction materials exposed within plenums shall be noncombustible or
- shall have flame spread rating of not more than 25 and a smoke development rating of not more than 50.
- Verify 9" address numbers on the front & rear of building per local municipality
- All electrical outlets within 6' of any sink or water source to be GFCI protected.

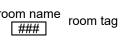
- 1. Furniture provided by tenant.
- 2. Furnish and install new restrooms with 67" turning radius w/ 10" max overlap for knee and toe clearance per ADA, wall mounted sink at 34" a.f.f. with wrist blade faucet, 36" and 42" horizontal grab bars at 33"-36" a.f.f. 6" and 12" from corner respectively, 18" vertical grab bar per detail. Include surface mounted toilet paper dispenser, soap dispenser, and paper towel dispenser. Mirror above sink
- mounted per ADA. Install proper blocking for wall mounted accessories. 3. Furnish and install new door in new storefront system. Provide connecting
- sidewalk from new door to existing sidewalk. Storage cabinets and cubbies provided by others.
- 5. Provide required electrical for tenant provided coffee machine.
- 6. Provide required infloor electrical and data for front desk.
- 7. Furnish and install janitor mop basin with 36" stainless steel mop holder with shelf on wall above. Provide blocking in wall as required.
- 8. Furnish and install dual bi-level electric drinking fountain station with bottle fill, Elkay LZSTL8WSLP with EZH2O bottle filling station. Provide water source and
- 9. Furnish and install proper blocking for 48"x60" mirrors mounted 12" a.f.f. 10. Tenant provided ballet barres. Provide proper blocking in wall, if necessary.
- 11. Provide required electricity for speakers. 12. Provide required electricity and data for security cameras.
- 13. Infill opening w/ 6" metal studs @ 16" o.c. w/ exterior sheathing and EIFS on
- exterior. Continue new furring on interior side to provide flush wall. 14. Remove, patch, and replace drywall, as required, after plumbing is installed.

symbol legend:

door tag



partition type





partition legend

P1 3-5/8" metal studs @ 16" o.c. to 6" above ceiling with 5/8" gypsum board on both sides and 3-1/2" sound attenuation batt insulation. Stud gauge per supplier.

*Utilize DensArmour Plus on plumbing walls

6" metal studs @ 16" o.c. to 6" above ceiling with 5/8" gypsum board on both sides and 6" sound attenuation batt insulation. Stud gauge per supplier. *Utilize DensArmour Plus on plumbing walls

Interior Partition:

3-5/8" metal studs @ 16" o.c. to 6" above ceiling with 5/8" gypsum board on both sides. Stud gauge per supplier.

Furred Out Partition:
3-5/8" metal studs @ 16" o.c. with of deck. Stud gauge per supplier. 3-5/8" metal studs @ 16" o.c. with 5/8" gypsum board on finish side to underside

Insulated Interior Partition - full height: 3-5/8" metal studs @ 16" o.c. full height to underside of deck with deep leg slip track and 5/8" gypsum board on both sides and 3-1/2" sound attenuation batt insulation. Stud gauge per supplier.

*Utilize DensArmour Plus on plumbing walls

6" metal studs @ 16" o.c. full height to underside of opening with exterior sheathing and EIFS on exterior side. 3-5/8" metal studs @ 16" o.c. 5/8" gypsum board on finish side to underside of deck. Stud gauge per supplier.

- Wall height note: Utilize 3 5/8" metal studs @ 16" o.c. to an un-braced height of 13'-8", at heights to 26' use 6" 20 ga. studs @ 16" o.c., install 2 rows of black iron in walls over 25'-0" - adjust stud size and spacing as required for allowable L/240 deflection for 5 psf wind load. Verify stud gauge,
- spacing, and reinforcing with supplier. Expansion joint note: Expansion joints shall be installed at a max of 30'-0". Joints shall also be located to coordinate with anticipated building movement, structural elements, and substrate transitions.
- Wet wall note: Utilize Dens-Armour plus in all plumbing wet walls, walls receiving ceramic tile, and all walls adjacent to plumbing walls or where anticipated to be in contact with moisture.

demo partition legend:

7'-0"

6'-0"

5'-0"

4'-0"

3'-0"

2'-0"

1'-0"

17" min depth

existing walls to be removed.

existing door and frame to be removed

- Existing light fixtures shall be removed in effected areas
- Existing plumbing and associated fixtures, where newly exposed and unused, shall be removed, stubbed, and
- newly exposed and unused, shall be removed, stubbed.
- capped as required • Existing mechanical system and ductwork, where newly exposed and unused, shall be removed, stubbed, and
- for building owners use as required.

demo construction notes 🛞

2. Demo door per plan and stockpile for owner's use.

Rooms 102-103: tenant provided dance floor

latex. Primer - Sherwin williams, PrepRite High Build latex

williams, ProIndustrial Precatalyzed waterbased epoxy. 12" x 24" ceramic wall tile (CWT-1) to 4'-0". Grout, mapei, keracolor sanded, spray on grout sealer - easycare grout shield

Cabinet Face - color tbd

williams, low VOC waterborne acrylic dryfall paint, flat (1 coat primer, 2 coats paint - to cover)

door and hardware notes

3' x 7' x 1-3/4" glass door in storefront frame. Provide egress hardware, closer, and wall stop.

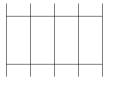
3' x 7' x 1-3/4" solid core birch wood door in welded hollow metal frame, painted. Provide passage set and wall stop.

3' x 7' x 1-3/4" solid core birch wood door in welded hollow metal frame, painted. Provide office lockset and wall stop.

3' x 7' x 1-3/4" solid core birch wood door in welded hollow metal frame, painted. Provide privacy set, closer and wall stop.

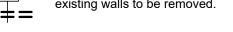
emergency fixture locations, specifications and details.

2 x 4 lay-in LED light fixture



CLG - 1: Donn DX System, 15/16" Exposed Tee Grid System, white, with 2x4 USG flat tile radar

- Wrist blade faucet per ADA.
- 42" ADA grab bar stainless steel 5. High-low drinking fountain mounted per ADA
- Surface mounted sanitary napkin disposal Bobrick Contura B-270 8. Surface mounted stainless steel paper towel dispenser - Bobrick
- 10. ADA height floor mounted, tank type toilet (white)
- 11. Coat hook at backside of door per ADA
- 12. Provide unisex/ADA compliant toilet signage.



demo general notes

- and stock piled for owners use as required. capped as required.
- Existing low voltage wiring and associated fixtures, where and capped as required.
- Existing electrical wiring and receptacles, where newly exposed and unused, shall be removed, stubbed, and
- capped as required. All doors and frames in demo'd walls shall be removed in effected areas and reused where possible or stock piled

Remove walls per plan. Patch and repair walls as needed.

room finish notes

Rooms 101, 104-108: sealed concrete

All rooms - Johnsonite, 4" traditional cove vinyl base, color: tbd

All areas of work to receive (1) coat primer & (2) coats paint, eggshell finish, color tbd. Paint - Sherwin williams, ProMar 200

primer/surfacer Rooms 105-106 - epoxy wall paint above tile, color tbd. Sherwin

Plastic Laminate: Countertops - color tbd

paint - color tbd. Sherwin williams, ProMar 200 latex.

Rooms 104-107: 12" x 24" ACT grid (CGL-1) Rooms 101-103, 108: exposed ceiling, painted, color tbd. Sherwin

Doors 02-03, 07:

existing door and hardware to remain.

reflected ceiling notes

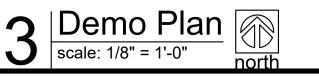
Install light fixtures per plan and MEP. Refer to engineering drawings for HVAC and electrical fixtures,

reflected ceiling legend

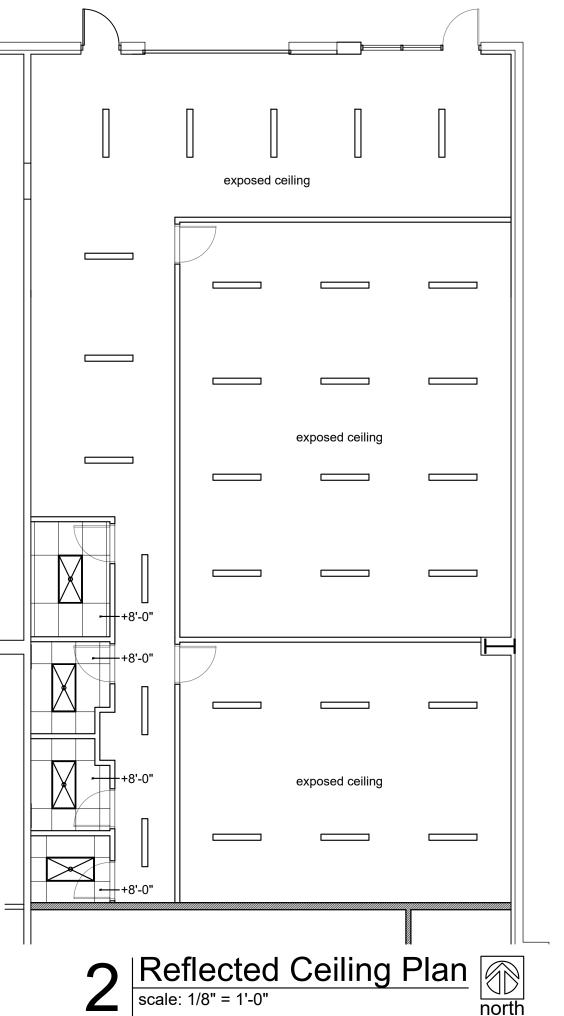
suspended linear light fixture

restroom fixtures (#)

- Wall mounted sink per MEP drawings. Mounted per ADA.
- Wall mounted frameless mirror 24" x 48" 4. 18" ADA grab bar - stainless steel 36" ADA grab bar - stainless steel
- 6. Surface mounted toilet paper dispenser Bobrick B-6667
- 9. Surface mounted stainless steel soap dispensers Bobrick B-2111



\<u>_____</u>



■ paint to full height

6 Restroom Elevation scale: 1/4" = 1'-0"

- 36" & 42" 1-1/2" dia. grab bars @

corner respectively & 18" vertical

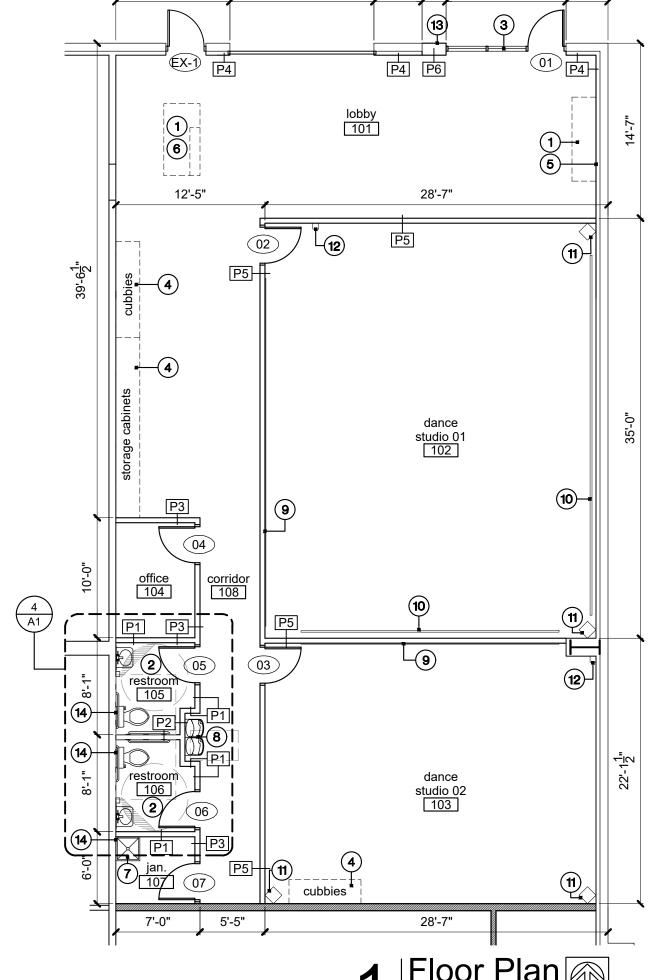
surface mounted sanitary napkir

surface mounted toilet pape

wall base per finish schedule

grab bar mounted per ADA blocking

39-41"



7 | ADA Standards | scale: NTS

paint to full height

24" x 48" frameless mirror at 40" a.f.f. per ADA

wall mounted sink per MEP drawings, with

wrist blade faucet per ADA

surface mounted soap dispenser

— 36" & 42" 1-1/2" dia. grab bars @ 33"-36"

surface mounted toilet paper dispense

wall base per finish schedule

MEP drawings

5 Restroom Elevation scale: 1/4" = 1'-0"

a.f.f. - 6" & 12" out from corner respectively & 18" vertical grab bar mounted per ADA







date 03.09.2020 drawn by DAE checked by DAE revisions

tenant

sheet number

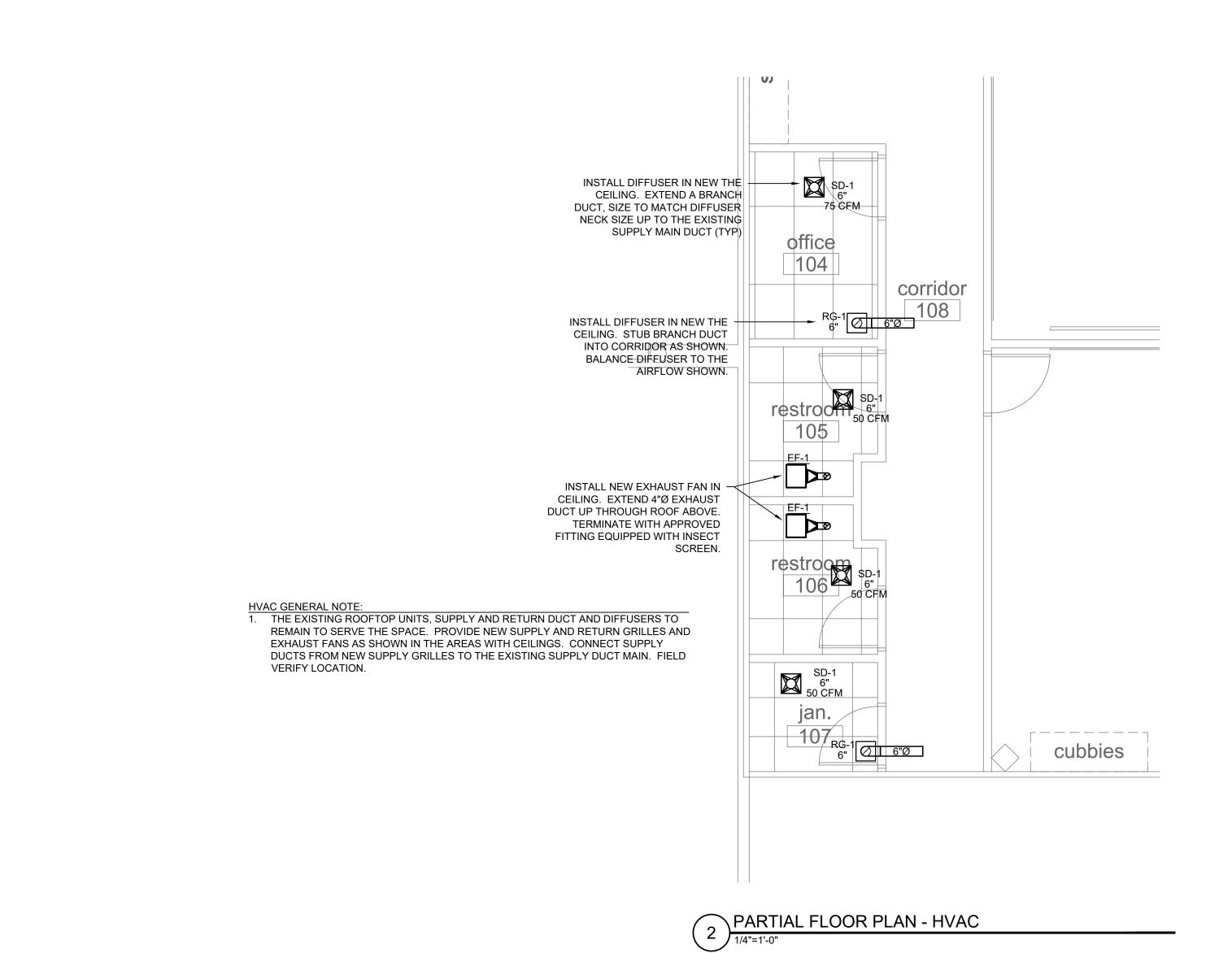
drawing type preliminary project number 20045

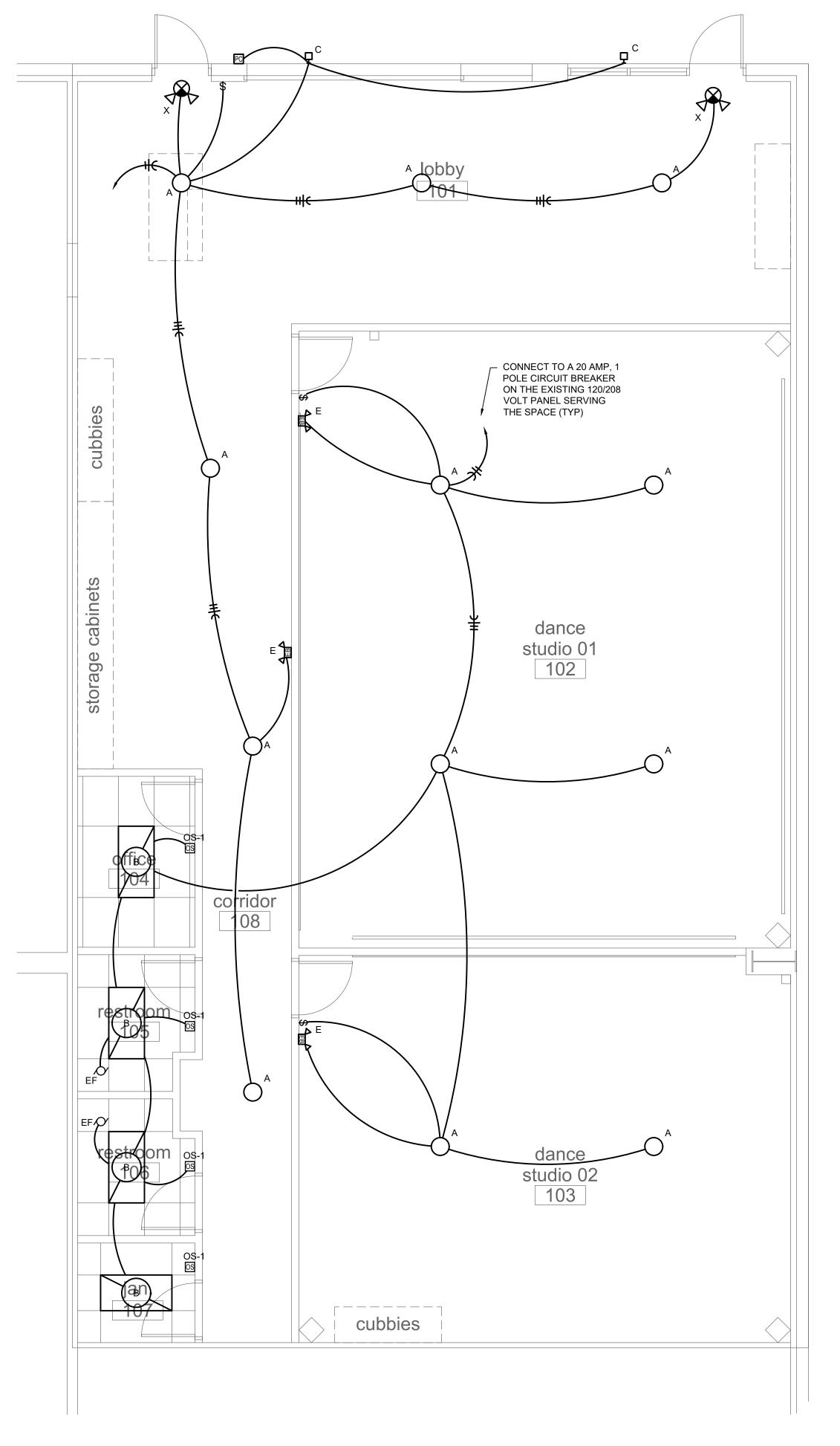
OCCUPANCY SENSOR SCHEDULE									
TAG	QTY (CONFIRM WITH PLANS)	MANUFACTURER	MODEL	MOUNTING	TYPE	TIME DELAY SETTING	NOTES		
OS-1	4	LEVITON	MDS10-ID	WALL	PASSIVE INFRARED	15 MIN			

			LIGI	HT FIXTURE SO	HED	ULE			
CHANTITY						AMPING			
ΓAG	QUANTITY (CONFIRM WITH PLANS)	DESCRIPTION	VOLTAGE	MOUNTING	QTY	WATTAGE	TYPE/COLOR TEMP	MANU/SERIES	\
Α	12	LED HIGH BAY FIXTURE.	120/277	PENDANT		100	LED/13800LM	EIKO#BAY-E	1
В	4	2'-0"X4'-0" SPECIFICATION GRADE RECESSED LED TROFFER. STEEL HOUSING WITH WHITE POWDER COAT FINISH, FLAT WHITE STEEL DOOR, PATTERN 12, .125" THICK LENS. 0-10 VOLT DIMMABLE DRIVER.	120/277	RECESSED GRID		40	LED/5000LM	EIKO#BLP	
С	2	EXTERIOR LED FLOOD LIGHT WITH INTEGRAL MOTION SENSOR. MOUNT AT 8'-0" +/- AFF.	120/277	SURFACE		85	LED/10,000LM	LUMARK#NNFLD	
E	3	SURFACE MOUNTED SELF-CONTAINED EMERGENCY LIGHTING FIXTURE FOR WALL INSTALLATION. NI-CAD BATTERY, UV-STABLE PLASTIC HOUSING WITH WHITE FINISH. TWO FULLY ADJUSTABLE MR16 LAMPS WITH CLEAR PROTECTIVE LAMP LENS. PUSH TO TEST SWITCH, LED INDICATOR LIGHTS FOR AC SUPPLY, BATTERY CHARGE STATUS. 90 MINUTES OF BATTERY OPERATION.	120/277	SURFACE	2	1	LED	DUAL-LITE#EV	
X	2	LED EXIT SIGN, SINGLE OR DOUBLE FACE AS INDICATED ON DRAWINGS, THERMOPLASTIC HOUSING, RED LETTERING, SEALED NI-CAD BATTERY, INTEGRAL LED EMERGENCY LAMPS, MINIMUM 90 MINUTE CAPACITY. DRAWINGS INDICATE ARROWS.	120/277	UNIVERSAL	3	6	LED	LITHONIA LHQM LED	

AIR TERMINAL DEVICES SCHEDULE								
PLAN MARK	QUANTITY	MANUFACTURER	MODEL	SERVICE	MOUNT TYPE	BORDER SIZE	NECK SIZE	VOLUME DAMPER
RG-1	2	TITUS	PAR	RETURN	LAY-IN	12"X12"	6"	NO
SD-1	4	TITUS	OMNI	SUPPLY	LAY-IN	12"X12"	6"	YES

	EXHAUST FAN SCHEDULE							
			UNI	T INFORMATION	NC			
UNIT	MFG	MODEL	TYPE	EXT	FLOW	HP	VOLT/	NOTES
CALLOUT		NO.		STATIC	(CFM)		PHASE	
				(IN WC)				
EF-1	PANASONIC	FV05-11	INLINE	0.3	75	1/20	120/1	

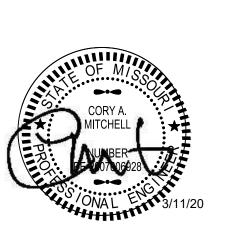




1 FLOOR PLAN - LIGHTING







Seal

Tenant Finish for J31 Dance Center 2710 Independence Avenue Lee's Summit, Missouri 64064

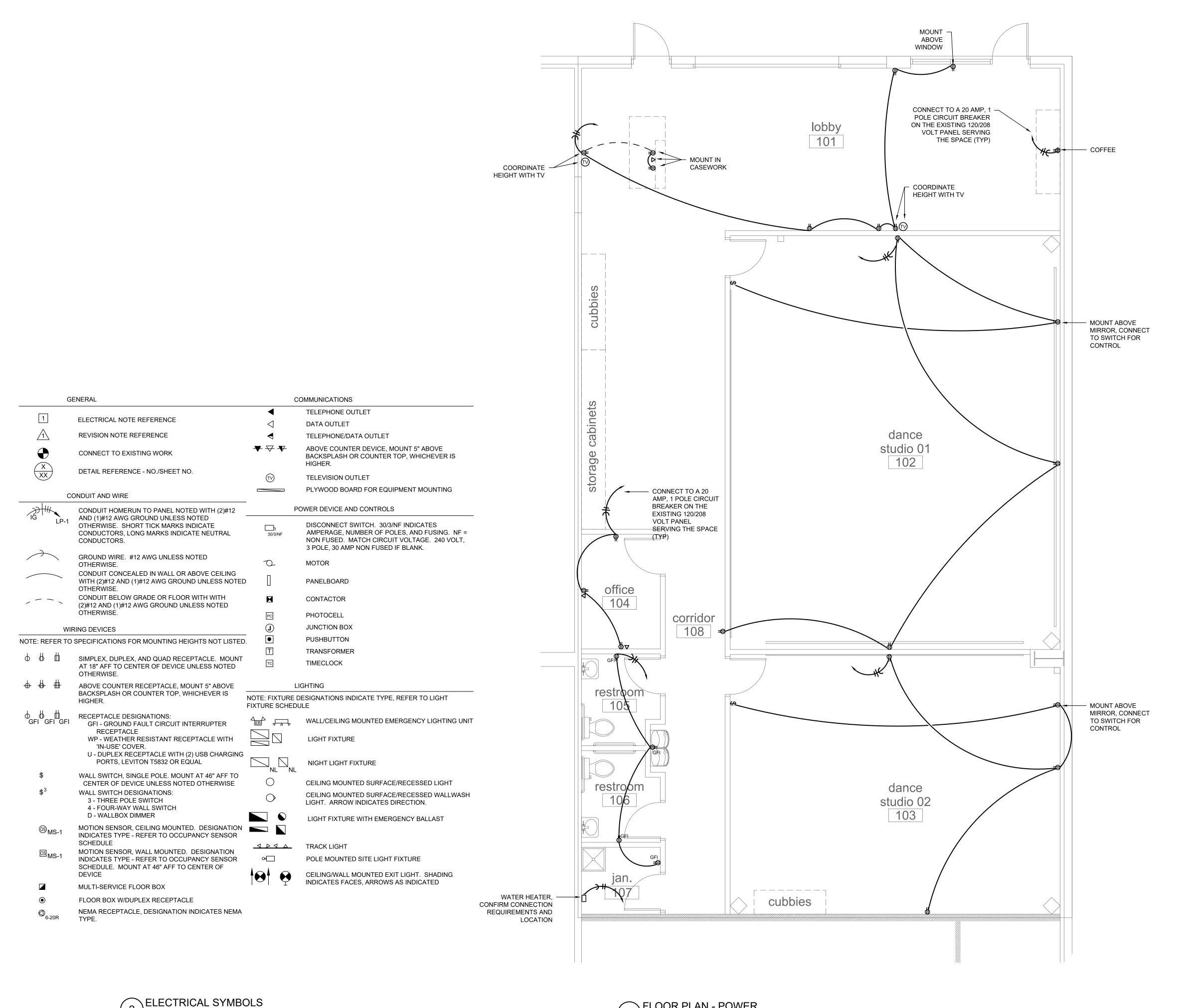
ev.	Issue	Date
	Permit	3/11/20

HVAC & LIGHTING PLAN

2013400

ME101

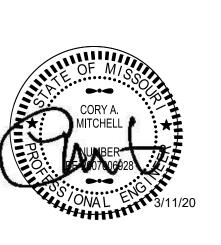
Permit





3026 SW East US 40 Hwy Blue Springs, MO 64014 (816)427-5913





Finish Tenant Fini
Dance
In Independent
Summit, Miss

Date Rev. Issue 3/11/20

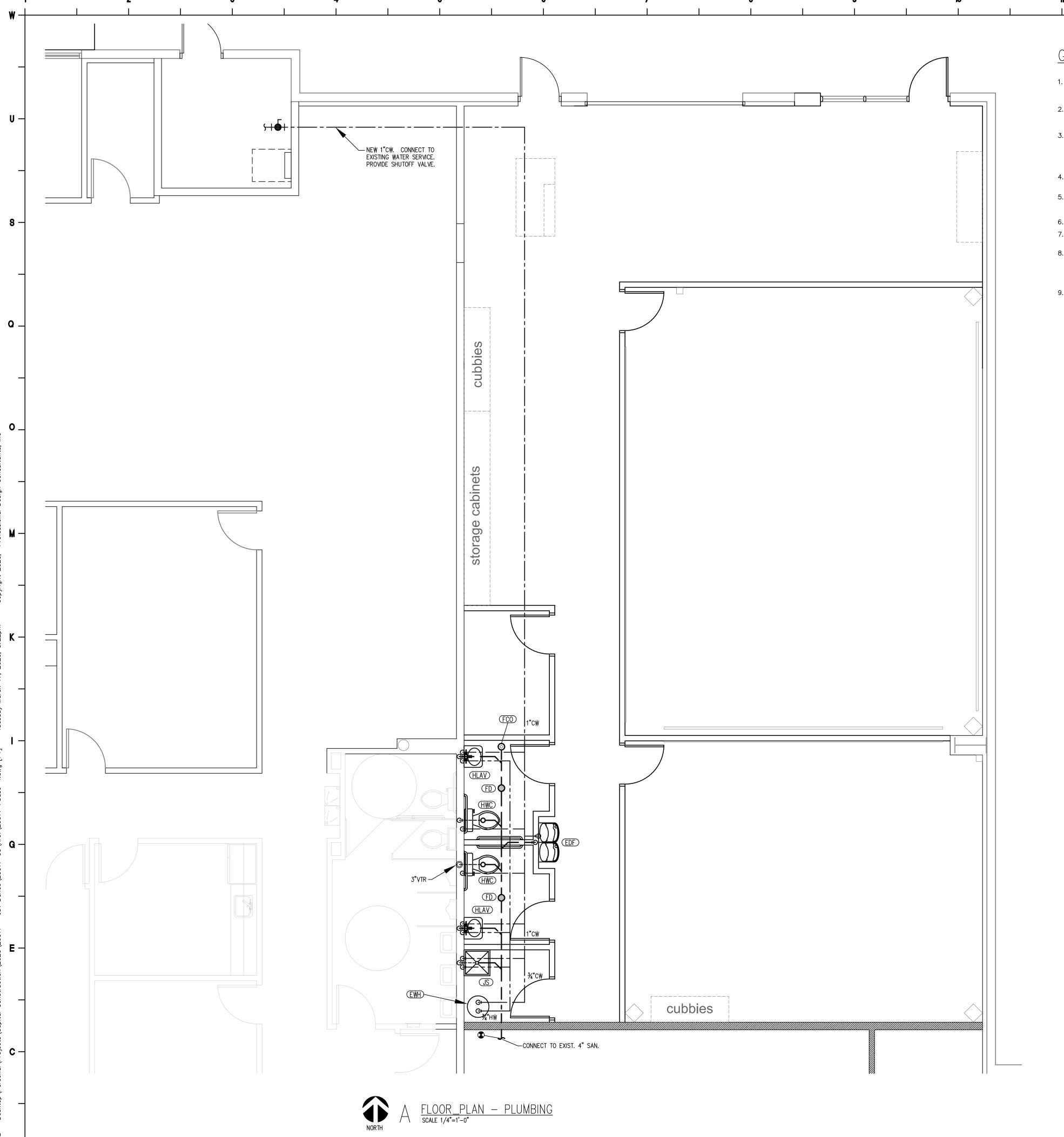
POWER PLAN

2013400

ME102

Permit

FLOOR PLAN - POWER



GENERAL PLUMBING NOTES: PLUMBING FIXTURE S

- THE ENTIRE PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH THE LOCAL BUILDING AND PLUMBING CODES ADOPTED BY THE LOCAL JURISDICTION.
- 2. ALL MATERIALS EXPOSED IN RETURN AIR PLENUM SHALL COMPLY WITH NFPA 90A AND HAVE A FLAME SPREAD RATING UNDER 25, SMOKE DEVELOPED UNDER 50.
- 3. PROVIDE ACCESS DOORS WHERE INDICATED ON DRAWINGS AND/OR AS REQUIRED TO PROPERLY OPERATE, ADJUST AND MAINTAIN ALL VALVES AND EQUIPMENT. VERIFY EXACT LOCATION AND TYPE WITH ARCHITECT PRIOR TO INSTALLATION. COORDINATE INSTALLATION WITH OTHER TRADES.
- 4. PROVIDE SHUTOFF VALVES AT EACH PIECE OF EQUIPMENT AND AS INDICATED ON DRAWINGS.
- 5. SEAL ALL FIRE RATED FLOOR PENETRATIONS AND ALL FIRE RATED WALL PENETRATIONS TO MAINTAIN FIRE RATING BETWEEN FLOORS
- 6. SLOPE ALL WATER PIPING SO ENTIRE SYSTEM CAN BE DRAINED.7. ALL SANITARY PIPING SHALL BE SLOPED A MINIMUM OF ¼" PER
- 8. EACH PLUMBING FIXTURE SHALL BE PROVIDE WITH CW AND HW SUPPLIES AND SHUTOFF VALVES AS APPROPRIATE. PROVIDE P-TRAP OF SIZE AND LENGTH AS REQUIRED BY CODE OR AS INDICATED ON THESE DRAWINGS. VENT EACH FIXTURE AS
- 9. FURNISH OPERATION AND MAINTENANCE MANUALS TO THE OWNER FOR ALL EQUIPMENT PRIOR TO SUBMITTAL OF FINAL INVOICE.

PLUMBING FIXTURE SPECIFICATIONS:

- (HWC) WATER CLOSET (ADA): 16-1/8"H EL 1.6, FLOOR MOUNTED, VITREOUS CHINA, CLOSE COUPLED CLOSET COMBINATION WITH ELONGATED RIM, INSULATED CLOSET TANK WITH FITTINGS AND LEVER FLUSHING VALVE, BOLT CAPS. SEAT: CLOSED FRONT AND COVER.
- LAVATORY (HANDICAP): 20"x18" WALL HUNG, VITREOUS WHITE CHINA, 4" HIGH BACK, DRILLINGS ON 4" CENTERS, D-SHAPED BASIN WITH SPLASH LIP, FRONT OVERFLOW, SOAP DEPRESSION. AMERICAN STANDARD, RELIANT+ POLISHED CHROME FAUCET, CHROME METAL LEVER HANDLE WITH POP UP DRAIN, WATER ECONOMY AERATOR, CERAMIC DISC VALVE CARTRIDGE, CHROME PLATED P-TRAP AND ARM WITH ESCUTCHEON. PROVIDE WADE, 520-M36 OR 572-M36 WALL MOUNTED CARRIER WITH CONCEALED ARM SUPPORT TO SUIT APPLICATION. PROVIDE TRUEBRO LAV GUARD OR EQUIVALENT OVER P-TRAP, WATER SUPPLIES AND ANGLE VALVES. MOUNT RIM AT 34" AFF.
- JANITOR SINK: STERN WILLIAMS, #HL—1800, HILOW, 24"x24"x12" PRECAST TERRAZZO, FLOOR MOUNTED, FRONT DROP DESIGN, WITH 20 GAGE STAINLESS STEEL CAP ON FRONT, CAST BRASS DRAIN WITH STAINLESS STEEL STRAINER. AMERICAN STANDARD #8344.111 EXPOSED WALL TYPE SUPPLY WITH CROSS HANDLES, SPOUT WALL BRACE, VACUUM BREAKER, HOSE END SPOUT, BUCKET HOOK.
- FLOOR DRAIN (LIGHT DUTY): J.R. SMITH #2010 CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE STRAINER HEAD AND NICKEL BRONZE STRAINER. PROVIDE P-TRAP. OPTIONAL ROUND OR SQUARE STRAINER. PROVIDE TILE FLANGE WHERE FLOORING REQUIRES.
- FCO FINISHED FLOOR CLEANOUT (LIGHT DUTY): J.R. SMITH #4020 CAST IRON BODY WITH ADJUSTABLE TOP, ABS CLOSURE PLUG AND SCORIATED NICKEL BRONZE TOP. OPTIONAL ROUND OR SQUARE TOP. PROVIDE FLASHING FLANGE AND FLASHING CLAMP AS NECESSARY. PROVIDE CARPET CLAMPING FRAME AND CARPET MARKET WHERE FLOORING REQUIRES.
- ELECTRIC WATER HEATER: STATE, #PCE 20 10MSA, 20 GALLON STORAGE, 1-4,500 WATT ELEMENT, 21 GPH RECOVERY AT 90° F, 240V/1ø, 18.8 AMPS. PROVIDE T&P RELIEF VALVE. INSTALL PER MANUFACTURERS INSTRUCTIONS. PROVIDE WITH EXPANSION TANK AND CONNECT INTO COLD WATER SUPPLY.

PLUMBING PIPING MATERIALS:

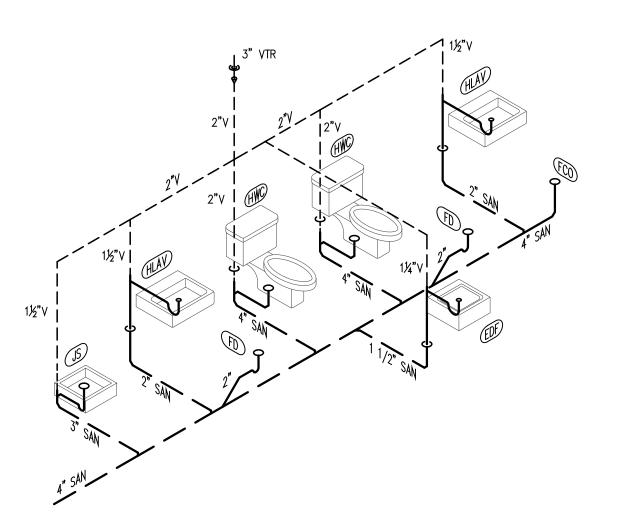
INTERIOR DOMESTIC WATER: TYPE "L" RIGID COPPER WITH SOLDER TYPE WROUGHT COPPER FITTINGS. PROVIDE NO LEAD SOLDER. "PRO-PRESS" MECHANICAL SYSTEM OF JOINING PIPING IS ACCEPTABLE.

INTERIOR SANITARY WASTE AND VENT (ABOVE CEILING WITH RETURN AIR PLENUMS): STANDARD WEIGHT CAST IRON PIPE WITH STANDARD WEIGHT FITTINGS, NO HUB CAST IRON SYSTEM AND JOINTS, IN ACCORDANCE WITH LOCAL CODE. VENTS SHALL BE CAST IRON AS ABOVE OR SCHEDULE 40 GALVANIZED STEEL WITH GALVANIZED MALLABLE SCREWED FITTINGS.

INTERIOR SANITARY WASTE AND VENT (BELOW SLAB AND IN WALLS): SCHEDULE 40 PVC WASTE/VENT WITH PVC SOCKET FITTINGS AND SOLVENT-CEMENTED JOINTS. SCHEDULE 40 ABS IS OPTIONAL. INSTALLED IN ACCORDANCE WITH LOCAL CODES.

DOMESTIC WATER PIPE INSULATION: FLEXIBLE ELASTOMERIC THERMAL INSULATION, EXPANDED CLOSED CELL OR MOLDED SECTIONAL FIBEROUS GLASS WITH FACTORY APPLIED, UL LISTED VAPOR BARRIER JACKET, BOTH WITH A FLAME SPREAD OR 25 OR LESS AND A THERMAL RESISTANCE VALUE OF 3.6 – 4.5 (HR) (SQFT) (F' IN.) PER

FIXTURE BRANCH SCHEDULE										
MARK	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT					
WC	WATER CLOSET (FLUSH TANK)	1/2"		4"	2"					
(LAV)	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"					
JS	JANITOR SINK	1/2"	1/2"	3"	1 1/2"					
EDF	DRINKING FOUNTAIN	1/2"		1 1/2"	1 1/4"					
FD	FLOOR DRAIN			2"						



B WASTE & VENT RISER NOT TO SCALE

J31 DANCE CENTER

TENANT FINISH

2710 Independence Ave. Lee's Summit, Missouri 64064

ISSUED FOR:

Permit: 03 March, 2020

Steve E. Berry, PE

Consulting Engineer

Mechanical • Electrical • Plumbing

10463 S. Ellen Mulvane, Kansas 67110 316.347.1248

