

INTERIOR RENOVATION & REMODEL FOR
4010 NORTH LINCOLN AVENUE
UNIT C1-S
CHICAGO, ILLINOIS 60618



DRAWING SHEET INDEX

ARCHITECTURAL:
A-1 TITLE SHEET, CODE REVIEW,
LOCATION & PROPOSED ELEVATION
EXISTING LOWER LEVEL w/ DEMOLITION NOTES
EXISTING FIRST FLOOR PLAN w/ DEMOLITION NOTES
EXISTING SECOND FLOOR PLAN w/ DEMOLITION NOTES
EXISTING ELEVATIONS w/ DEMOLITION NOTES

PROPOSED LOWER LEVEL PLAN & GENERAL NOTES
PROPOSED FIRST FLOOR PLAN & SECOND FLOOR PLAN
PROPOSED EXTERIOR ELEVATIONS & BUILDING SECTIONS
SCHEDULES11

CODE ANALYSIS -4010 N LINCOLN AVE UNIT C1-S

USE GROUP:
BUSINESS -GROUP B
(IBC 2019, SEC. 303, 307+ CHICAGO BLDG. CODE TITLE 14B.)

CONSTRUCTION TYPE:
TYPE I (FIRE RESISTIVE)
•NO STRUCTURAL MODIFICATIONS
•INTERIOR PARTITION: HYBRID SYSTEM
- PRIMARY: NONCOMBUSTIBLE METAL (COLD-FORMED STEEL) STUDS
- OCCASIONAL: WOOD STUDS (UNRAISED IN 29" GAUGE STEEL)
- FINISH: 5/8" IN. TYPE X GYPSUM BOARD ON BOTH FACES
- 1-HOUR FIRE-RESISTANCE RATING
(IBC 2019, CH. 7, SEC. 107 & 117)

HEIGHT LIMITATION:
PER IBC TABLE 504 (APPLICABLE TO INTERIOR RENOVATION)
ACTUAL HEIGHT: NOT APPLICABLE

AREA LIMITATION:
MAXIMUM ALLOWED AREA: 9,000 SF (IBC 2019, TABLE 506)
ACTUAL AREA: 831 SF

FIRE RESISTANCE:
INTERIOR PARTITIONS RATED 1-HOUR (IBC 2019, CH. 7)

MEANS OF EGRESS:
•MINIMUM 2 INDEPENDENT EXITS
•DOOR: ADA-COMPLIANT, 23" CLEAR WIDTH (IBC 2019, CH. 10, SEC. 1010)
•MAXIMUM ALLOWED TRAVEL DISTANCE: 200 FT (IBC 2019, TABLE 1011.2)
•ACTUAL TRAVEL DISTANCE: 438' 8" (38.1 FT) SUBJECT TO DESIGN DETAILS)

OCCUPANCY LOAD:
•CALCULATION: OCCUPANCY LOAD = AREA * OCCUPANT LOAD FACTOR
- OCCUPANT LOAD FACTOR FOR GROUP B: 100 SF/PERSON
- 831 SF * 100 SF/PERSON = 8.31 -> ROUNDED TO 9 PERSONS
(IBC 2019, SEC. 1004.1)

ACCESSIBILITY:
• COMPLIANT WITH IBC 2019, CH. 11 & ADA
• REFER TO CHICAGO MINIMUM REQUIREMENTS FOR EXISTING BUILDINGS (TITLE 14X)

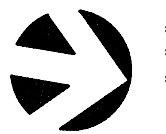
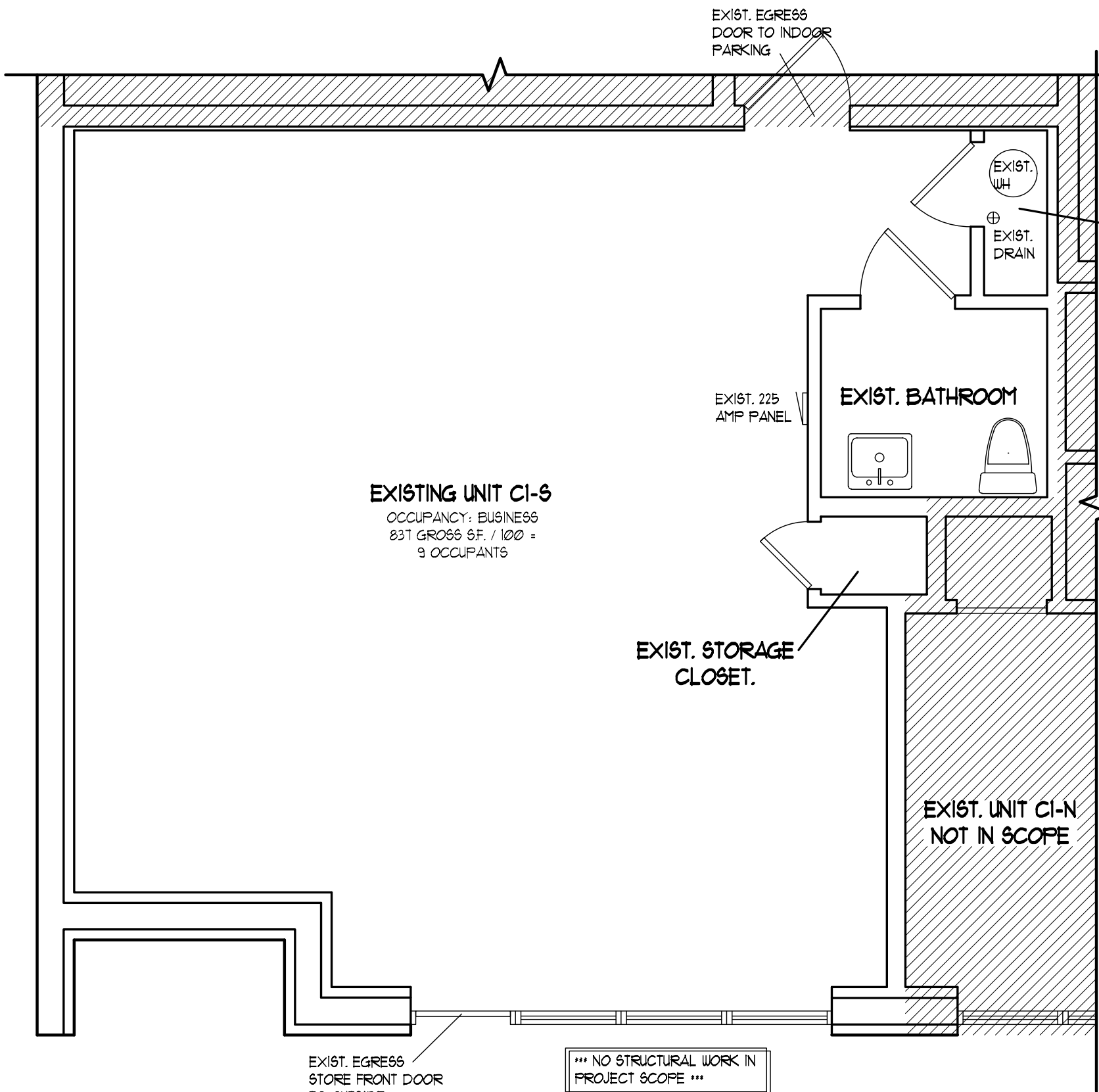
ADOPTED CODES & SECTIONS:
• ADMINISTRATIVE PROVISIONS OF THE CHICAGO CONSTRUCTION CODES (2022) - TITLE 14A
• CHICAGO BUILDING CODE (2019) - TITLE 14B
• CHICAGO CONVEYANCE DEVICE CODE (2021) - TITLE 14C
• CHICAGO ELECTRICAL CODE (2023) - TITLE 14E
• INTERIM CHICAGO FIRE PREVENTION CODE (2021) - TITLE 14F
• INTERIM CHICAGO FUEL GAS CODE (2021) - TITLE 14G
• INTERIM CHICAGO MECHANICAL CODE (2021) - TITLE 14M
• CHICAGO ENERGY TRANSFORMATION CODE (2023) - TITLE 14N
• INTERIM CHICAGO PLUMBING CODE (2021) - TITLE 14P
• CHICAGO BUILDING REHABILITATION CODE (2019) - TITLE 14R
• CHICAGO MINIMUM REQUIREMENTS FOR EXISTING BUILDINGS (2022) - TITLE 14X

CALCULATION DETAILS:

OCCUPANCY LOAD:
- AREA = 831 SF
- LOAD FACTOR = 100 SF/PERSON
- CALCULATION: 831 * 100 = 8.31 -> ROUNDED = 9 PERSONS

TRAVEL DISTANCE:
- MAXIMUM ALLOWED = 200 FT
- MEASURED/DESIGNED = 438' 8" (38.1 FT)
- RESULT: 38.1 FT < 200 FT

AREA UTILIZATION:
- ALLOWED AREA = 9,000 SF
- ACTUAL AREA = 831 SF
- PERCENTAGE = (831 / 9,000) * 100 = 9.3%



EXISTING FLOOR PLAN

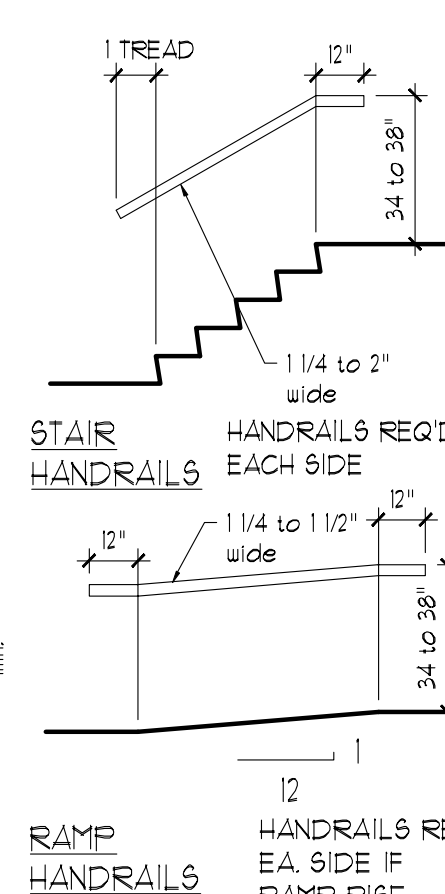
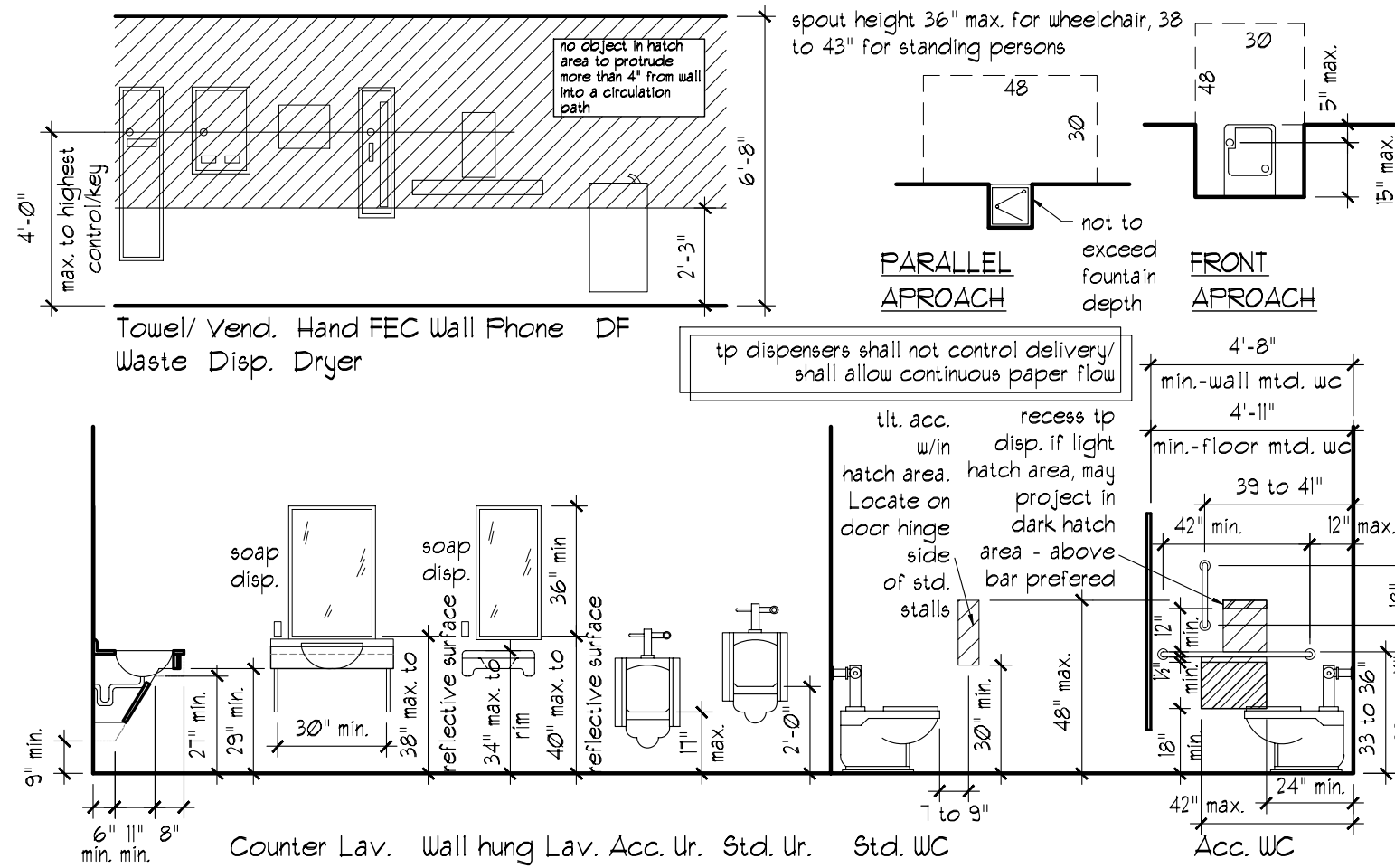
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- 1) VERIFY ALL EXISTING DIMENSIONS & CONDITIONS PRIOR TO START OF ALL WORK.
- 2) ANY SIGNAGE WILL BE HANDLED UNDER A SEPARATE PERMIT
- 3) PROVIDE PORTABLE FIRE EXTINGUISHERS PER FIRE PROTECTION DISTRICT - 10 POUNDS ABC DRY CHEMICAL, MOUNTED IN PLAIN VIEW IN THE PATH OF EGRESS AND OTHER LOCATIONS PER FIRE DEPARTMENT
- 4) DECORATIVE MATERIALS MUST BE NON-COMBUSTIBLE OR FIRE-RETARDANT TREATED
- 5) DRINKING WATER MUST BE SUPPLIED BY TENANT
- 6) ALL DOCUMENTATION OF FLAME SPREAD RATINGS AT ALL INTERIOR FINISHES WILL BE SUPPLIED BY TENANT.
- 7) POST THE TENANTS NAME AND SUITE NUMBER ON THE FRONT & REAR DOORS
- 8) ALL PENETRATIONS IN THE FIRE RATED CONSTRUCTION MUST BE SELED WITH AN APPROVED FIRE RATED MATERIAL
- 9) TENANT TO SUPPLY ALL SUBS W/ANY CUT SHEETS PRIOR TO START OF WORK
- 10) TENANT TO APPY WITH THE LONG GROVE FIRE PROTECTION DISTRICT FOR A FIRE ALARM SYSTEM.
- 11) INSTALL NEW AUTOMATIC SPRINKLER SYSTEM DESIGNED BY OTHERS. SUBMIT SHOP DRAWINGS FOR APPROVAL.

IF ERRORS OR OMISSIONS ARE FOUND IN DRAWINGS, ARCHITECT'S LIABILITY IS LIMITED TO CORRECTING AND/OR REVISING DRAWINGS TO REFLECT THESE CORRECTIONS.

ALL GENERAL CONTRACTORS AND ALL SUB-CONTRACTORS SHALL FULLY REVIEW AND INSPECT THE DRAWINGS AND SITE TO BECOME FULLY FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BID. SUBMISSION OF BID CONSTITUTES THE CONTRACTORS' CERTIFICATION THAT THEY ARE HAVE COMPLIED AND ARE FULLY FAMILIAR WITH ALL ASPECTS OF THE PROJECT. ANY DISCREPANCIES DISCOVERED DURING CONSTRUCTION THAT WERE READILY APPARENT PRIOR TO CONSTRUCTION WILL NOT BE ALLOWED AS CHANGE ORDERS. ANY WORK PERFORMED WITHOUT A CHANGE ORDER SHOWING ALL COSTS AND SIGNED BY THE OWNER WILL BE AT THE EXPENSE OF THE CONTRACTOR PERFORMING THE WORK AND WILL NOT BE REIMBURSED. GENERAL CONTRACTOR TO COORDINATE WORK BETWEEN ALL SUBCONTRACTORS. ANY DISCREPANCIES FOUND IN THE DRAWINGS SHALL BE RELAYED TO AND COORDINATED WITH ALL TRADES PRIOR TO CONSTRUCTION START.



ITEM
LIGHT SWITCHES
ELECTRICAL
RECEPTICLE

FIRE ALARM PULL
FIRE ALARM HORN

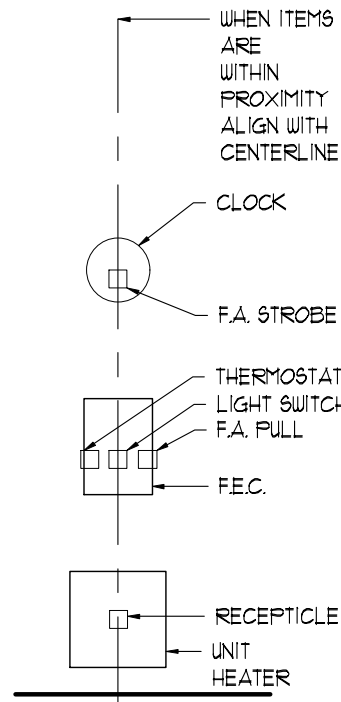
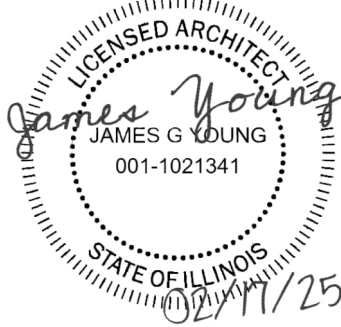
WALL MNTD. PHONE
THERMOSTAT
DRINKING FOUNTAIN
F.E.C.

GRAB BAR/HANDRAIL
TP DISPENSERS

LAVATORY MIRROR

MOUNTING HEIGHT SCHEDULE

HEIGHT FROM FINISHED FLOOR
48" TOP OF BOX (SEE ADJACENT)
16" BOT. OF BOX
(VERIFY WITH HVAC)
(4" ABOVE BACKSPLASH WHEN
LOCATED ABOVE COUNTER)
48" TOP OF BOX (SEE ADJACENT)
80" BOT OF BOX (OR 6" BELOW
CEILING WHICHEVER IS LOWER)
48" TOP OF BOX
48" TOP OF BOX
SEE ELEVATION
60" TOP OF CABINET
(48" MAX TO HANDLE/KEY)
34 TO 38" TO TOP
ABOVE GRAB BARS PREFERRED
(SEE ELEVATION)
38" MAX. TO LOWEST REFLECTIVE
SURFACE, 1'-4" MIN. TO TOP



SQUARE FOOTAGE:

TOTAL SQUARE FOOTAGE: 831 SF

LEGEND:

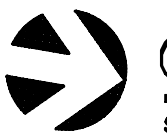
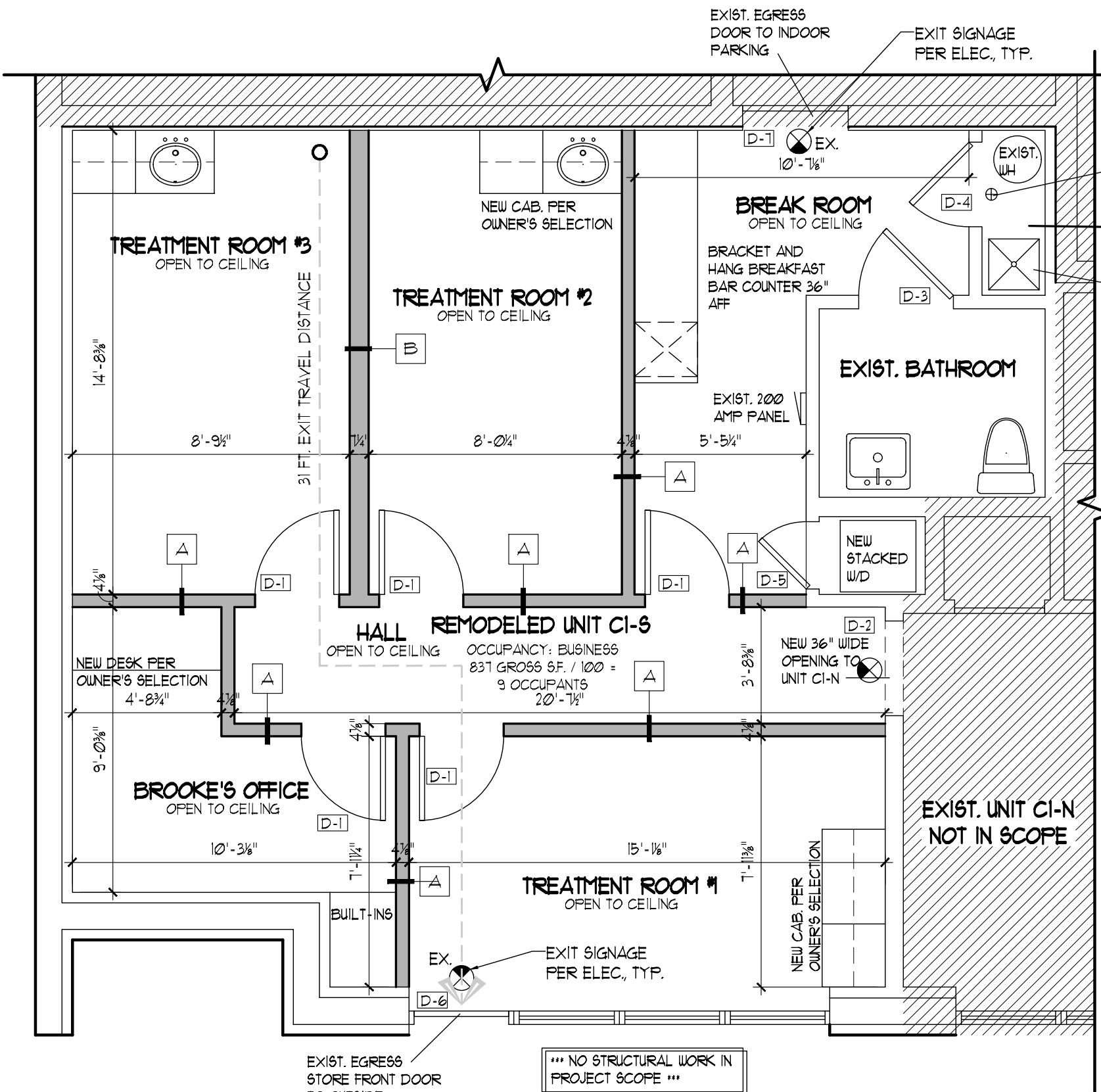
EXISTING WALL (NO WORK)
EXISTING AREA (NO WORK)
NEW WALL (PER WALL TYPE)

APPLIANCE LIST:

TAG	DESCRIPTION
01	SMALL TOWEL WARMER
02	MINI FRIDGE
03	24" FRIDGE
04	WASHER/DRYER

CEILING NOTE:

THE CEILING STRUCTURE WILL BE EXPOSED, WITH AN OPEN CEILING, AND WALLS WILL BE ERECTED ALL THE WAY TO THE BOTTOM OF THE EXISTING CEILING STRUCTURE TO BE PAINTED BLACK PER OWNER'S SELECTION

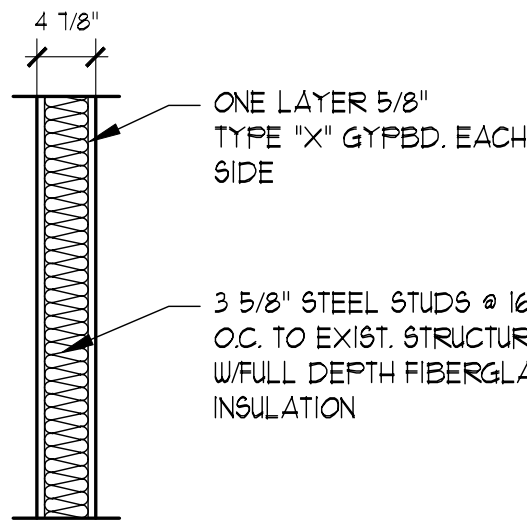


CONSTRUCTION PLAN

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

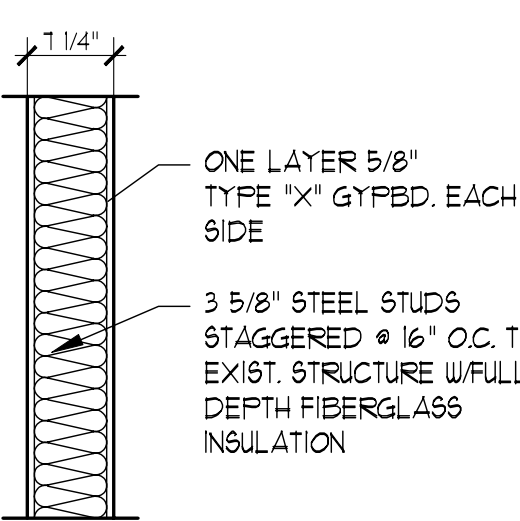
DOOR SCHEDULE:

TAG	SIZE	DOOR TYPE	FRAME	HARDWARE	CLOSER	RATING	REMARKS
D-1	37"x68"	SOLID CORE WOOD	FIRE-RATED WOOD FRAME	PER OWNER'S SELECTION	NONE	1-HR	
D-2	36"x68"	CASED OPENING	FIRE-RATED WOOD FRAME	NONE	NONE		
D-3	30"x68"	HOLLOW METAL DOOR	HOLLOW METAL FRAME	EXIST	NONE	3-HR	EXIST.
D-4	26"x68"	SOLID CORE WOOD	FIRE-RATED WOOD FRAME	EXIST	NONE	1-HR	EXIST, EGRESS
D-5	17"x68"	SOLID CORE WOOD	FIRE-RATED WOOD FRAME	EXIST	NONE	1-HR	
D-6	36"x68"	ALUM. GLASS DOOR	METAL FRAME	EXIST.	YES	1-HR	EXIST.
D-7	36"x68"	HOLLOW METAL DOOR	HOLLOW METAL FRAME	EXIST	NONE	3-HR	EXIST, EGRESS



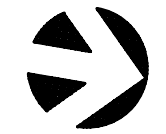
WALL TYPE "A"

1-HOUR RATED WALL
UL DESIGN #1419
INTERIOR



WALL TYPE "B"

1-HOUR RATED WALL
UL DESIGN #1419
INTERIOR



WALL TYPES

SCALE: 3/4" = 1'-0"

INTERIOR RENOVATION & REMODEL FOR
4010 LINCOLN AVENUE, SUITE C1-S
CHICAGO, ILLINOIS 60618

DESIGN PHASE	NO.	REVISION DESCRIPTION	INITIAL	DATE
PRELIMINARY				
BID/PROPOSAL				
PERMIT				
CONSTRUCTION				
PROJECT NO.	2410			
DATE	02-16-2025			
SHEET	A-1			

GENERAL ELECTRICAL NOTES

- LICENSED ELECTRICAL CONTRACTOR IS TO IDENTIFY ALL CIRCUITS USED IN AREA OF CONSTRUCTION AND NOTE ON AS-BUILT DOCUMENTATION INDICATING ALL LIGHTING FIXTURES, SWITCHING, EMERGENCY LIGHTING, BRANCH WIRING, ETC.
- ALL DISCIPLINES SHALL COORDINATE WITH EACH OTHER PRIOR TO ROUGH-IN.
- LICENSED ELECTRICAL CONTRACTOR IS TO VERIFY ALL PANELS SERVING CIRCUITS SHOWN ARE NOT TRANSFORMERS SERVING THE PANELS ARE NOT UNDER-SIZED FOR THE LOADS THEY SERVE.
- ALL PANEL SCHEDULES ARE TO BE TYPED, NOT HAND WRITTEN. ALL NEW ELECTRICAL PANELS MUST HAVE BLACK VINYL IDENTIFICATION TAGS PLACED ON THEM ABOVE THE PANEL DOOR USING LANDLORD'S LABELING CRITERIA.
- WHERE MULTIPLE WIRING DEVICES ARE SHOWN IN ONE LOCATION THESE DEVICES SHALL BE MOUNTED UNDER A COMMON COVER PLATE UNLESS SHOWN OTHERWISE ON THE DOCUMENTS. VERIFY WITH OWNER AND CONTRACTOR PRIOR TO ROUGH-IN.
- LICENSED ELECTRICAL CONTRACTOR MAKE FINAL CONNECTION TO ALL OWNER/TENANT FURNISHED FURNITURE AND EQUIPMENT PER MANUFACTURERS SPECIFICATIONS UNLESS NOTED OTHERWISE.
- AVAILABLE CIRCUITS SHOWN ARE TO BE FIELD VERIFIED PRIOR TO START OF CIRCUITS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO EXISTING PANEL BOARDS USED FOR THIS SCOPE OF WORK.

LOAD ANALYSIS CALCULATION FOR EXISTING ELECTRICAL PANEL WDP				
LOAD ANALYSIS CALCULATION FOR EXISTING ELECTRICAL PANEL/ SECTION 220.83 NEC				
220. PART IV. OPTIONAL FEEDER AND SERVICE LOAD CALCULATIONS				
COMMERCIAL BUILDING: 710 SQ.FT	CONNECTED LOAD KVA	DEMAND FACTOR FOS	DEMAND LOAD KVA	NEC
3 VOLT-AMPS/FT2 GENERAL LIGHTING AND GENERAL-USE RECEPTACLES	2.13	FIRST 3000 TO 100%- REST TO 35%	2.70	220.83 (B)
DEDICATED EXISTING OUTLET- FURNACE	1.50	100%	1.50	
DEDICATED EXISTING OUTLET- HVAC	3.00	100%	3.00	
DEDICATED EXISTING OUTLET - WATER HEATER #1	2.50	100%	2.50	
DEDICATED EXISTING OUTLET - WATER HEATER #2	4.50	100%	4.50	
DEDICATED NEW OUTLET - REFRIGERATOR	1.20	100%	1.20	
DEDICATED NEW OUTLETS - MINI FRIDGE	1.38	100%	1.38	
DEDICATED NEW OUTLETS - TOWEL WARMER	0.90	100%	0.90	
DEDICATED NEW OUTLETS - FACIAL MACHINE	0.18	100%	0.18	
DEDICATED NEW OUTLET - EXHAUST FAN	0.75	100%	0.75	
DEDICATED NEW OUTLET - WASHER AND DRYER	8.00	100%	8.00	
DEDICATED NEW OUTLETS - LASER MACHINE	1.76	100%	1.76	
TOTAL LOAD	27.80		28.37	

SERVICE INFORMATION POWER SUPPLY FOR PANEL			
CONNECTED LOAD / ELECTRICAL PANEL (KVA)	28.37	TOTAL DEMAND IN AMPERES (A)	78.73
POWER SERVICE ENTRANCE FEEDER#1: 4#3/0 THWN (R.S.T.)-(N) COPPER			
GROUNDING	#4 Cu	Table 250.66 Minimum Size Grounding Conductors.	
CAPACITY POWER SERVICE SUPPLY: 28.37 KVA.			
SECONDARY VOLTAGE: 208Y/120V - THREE PHASE.			

ELECTRICAL LOAD CALCULATION PANEL

SCALE: NTS

EXISTING PANEL BOARD SCHEDULE/ MINIMUM LOAD CALCULATION TO ADDED AND REQUIRED PER CODE FOR THIS PROJECT																			
MOUNTING: SURFACE PANEL TYPE: MCB VOLTS:208Y/120V PHASE:3 WIRE:4 NUMBER OF SPACES: 42 PANEL LOCATION: ELECTRICAL ROOM		MAIN DISTRIBUTION ELECTRICAL PANEL															BUSBAR MATERIAL: COPPERBUS RATED AMPS: 200 AMPS POWER SUPPLY: 208Y/120V 22KA MIN. INTERRUPTING CAP. (RMS SYM. AMPS)		
		PHASE LOADS KVA																	
		KVA	WIRE	COND	BRK	P	CK #	R	S	T	CK #	P	BRK	COND	WIRE	KVA			
CIRCUIT LABEL	DESCRIPTION	KVA	WIRE	COND	BRK	P	CK #	R	S	T	CK #	P	BRK	COND	WIRE	KVA	DESCRIPTION	CIRCUIT LABEL	
B-1	GENERAL EXISTING OUTLETS	1.50	E	E	E	E	1	2.50			2	E	E	E	E	1.00	GENERAL EXISTING - SMOKE	B-2	
B-3	GENERAL EXISTING LIGHTS	1.50	E	E	E	E	3		4.00		4	E	E	E	E	2.50	DEDICATED EXISTING OUTLET -WATER HEATER #1	B-4	
B-5	DEDICATED EXISTING OUTLET- FURNACE	1.50	E	E	E	E	5			2.50	6	E	E	E	E	1.00	GENERAL EXISTING LIGHT- EMERGENCY EXITS	B-6	
B-7	GENERAL EXISTING OUTLETS- MUD ROOM GFCI	0.36	E	E	E	E	7	1.86			8	E	E	E	E	1.50	GENERAL EXISTING LIGHTS - BATHROOM	B-8	
B-9	DEDICATED EXISTING OUTLET- HVAC	1.50	E	E	E	E	9		1.86		10	E	E	E	E	0.36	GENERAL EXISTING OUTLETS - BATHROOM GFCI	B-10	
B-11		1.50					11			3.75	12					2.25	DEDICATED EXISTING OUTLET - WATER HEATER #2	B-12	
B-13	DEDICATED NEW OUTLETS - REFRIGERATOR	1.20	12	1/2	20	1	13	3.45			14	E	E	E	E	2.25		B-14	
B-15	DEDICATED NEW OUTLETS - MINI FRIDGE (TREATMENT 2)	0.46	12	1/2	20	1	15		0.92		16	1	20	1/2	12	0.46	DEDICATED NEW OUTLETS - MINI FRIDGE (TREATMENT 1)	B-16	
B-17	DEDICATED NEW OUTLETS - TOWEL WARMER (TREATMENT 1)	0.30	12	1/2	20	1	17			0.76	18	1	20	1/2	12	0.46	DEDICATED NEW OUTLETS - MINI FRIDGE (TREATMENT 3)	B-18	
B-19	DEDICATED NEW OUTLETS - TOWEL WARMER (TREATMENT 3)	0.30	12	1/2	20	1	19	0.60			20	1	20	1/2	12	0.30	DEDICATED NEW OUTLETS - TOWEL WARMER (TREATMENT 2)	B-20	
B-21	DEDICATED NEW OUTLETS - FACIAL MACHINE	0.18	12	1/2	20	1	21		1.06		22					0.88		B-22	
B-23	DEDICATED NEW OUTLET - EXHAUST FAN	0.75	12	1/2	20	1	23			1.63	24	2	30	3/4	10	0.88	DEDICATED NEW OUTLETS - LASER MACHINE	B-24	
B-25	DEDICATED NEW OUTLET - STACKABLE WASHER AND DRYER	4.00					25				26						SPARE	B-26	
B-27		4.00	10	3/4	30	2	27				28						SPARE	B-28	
B-29	SPARE						29				30						SPARE	B-30	
B-31	SPARE						31				32						SPARE	B-32	
B-33	SPARE						33				34						SPARE	B-34	
B-35	SPARE						35				36						SPARE	B-36	
B-37	SPARE						37				38						SPARE	B-38	
B-39	SPARE						39				40						SPARE	B-40	
B-41	SPARE						41				42						SPARE	B-42	
						KVA	8.41	7.84	8.64			KVA							
						AMPERES	70.08	65.33	72.00			AMPERES							
NOTE: THE EXISTING PANEL'S LOADS WERE CALCULATED BASED ON THE INFORMATION PROVIDED BY THE CUSTOMER. THE CONTRACTOR MUST VERIFY ON-SITE THAT THE CALCULATED BALANCE IS CORRECT.																			

PANEL BOARD SCHEDULE

SCALE: NTS

ELECTRICAL FIXTURE LEGEND

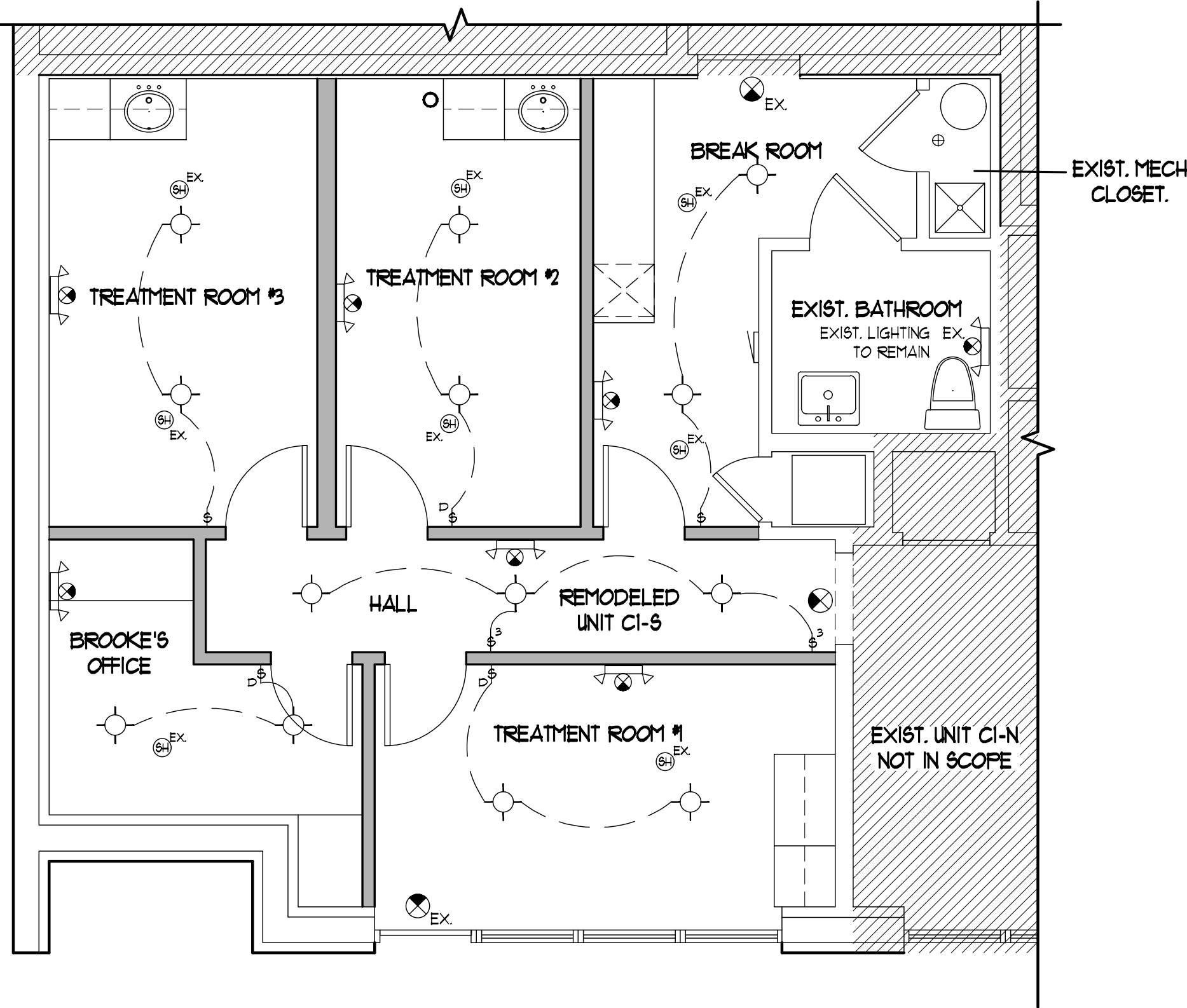
	EXIST OR NEW CEILING FIXTURE
	WALL MOUNT FIXTURE, HEIGHT AS NOTED
	SINGLE POLE SWITCH
	THREE-WAY SWITCH, OR AS NOTED
	FOUR-WAY SWITCH, OR AS NOTED
	DIMMER SWITCH, SIZED AS REQUIRED FOR CIRCUIT
	DUPLEX RECEPTACLE, 220 VOLT AS NOTED
	SWITCHED DUPLEX RECEPTACLE, TOP OUTLET ONLY
	DUPLEX RECEPTACLE MOUNTED AT HEIGHT NOTED (3'-8" AFF UNLESS NOTED OTHERWISE)
	FOUR-PLEX RECEPTACLE
	COMBINATION SMOKE DETECTOR AND CARBON MONOXIDE DETECTOR, HARD-WIRED, INTERCONNECTED WITH BATTERY BACK-UP, REVIEW WITH LOCAL CODE & SECURITY SYSTEM
	EXIST SPRINKLER HEAD
	WALL MOUNTED EMERGENCY LIGHT, HARD-WIRED, INTERCONNECTED WITH BATTERY BACK-UP, REVIEW WITH LOCAL CODE & SECURITY SYSTEM
	EXIT SIGN, HARD-WIRED, INTERCONNECTED WITH BATTERY BACK-UP, REVIEW WITH LOCAL CODE & SECURITY SYSTEM

ELECTRICAL ABBREVIATIONS

GFI	GROUND FAULT INTERRUPTER
WP	WEATHER PROOF
VP	VAPOR PROOF
AFB	ABOVE FINISH FLOOR
JS	JAMB SWITCH
EX	EXISTING (ALL NEW UNLESS NOTED OTHERWISE)

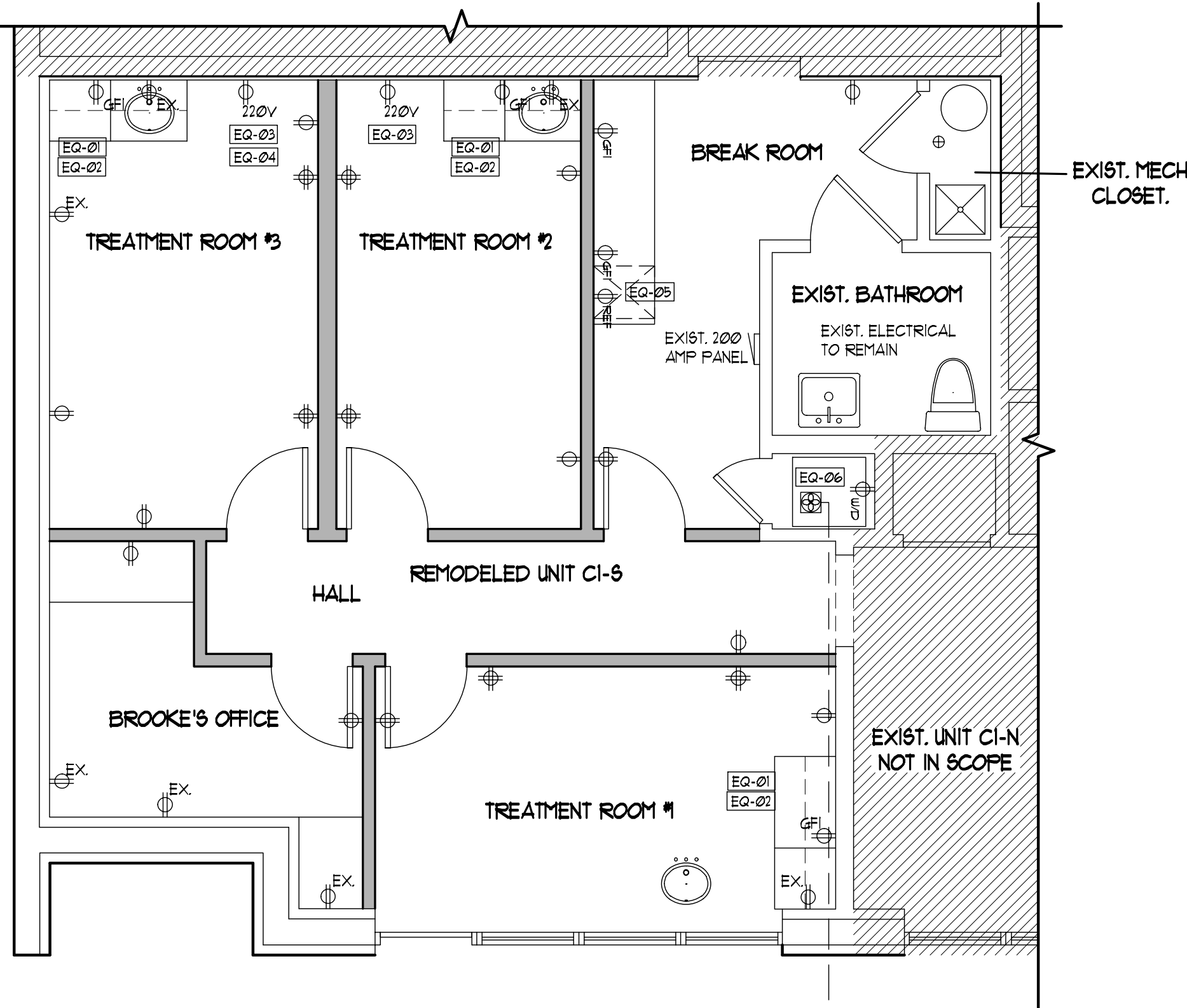
EQUIPMENT SCHEDULE

NO	COUNT	DESCRIPTION
EQ-01	3	TOWEL WARMER CABINET
EQ-02	3	MINI FRIDGE
EQ-03	2	FACIAL MACHINE
EQ-04	1	LASER MACHINE 220V
EQ-05	1	24" FRIDGE
EQ-06	1	WASHER/DRYER



ELECTRICAL LIGHTING PLAN

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

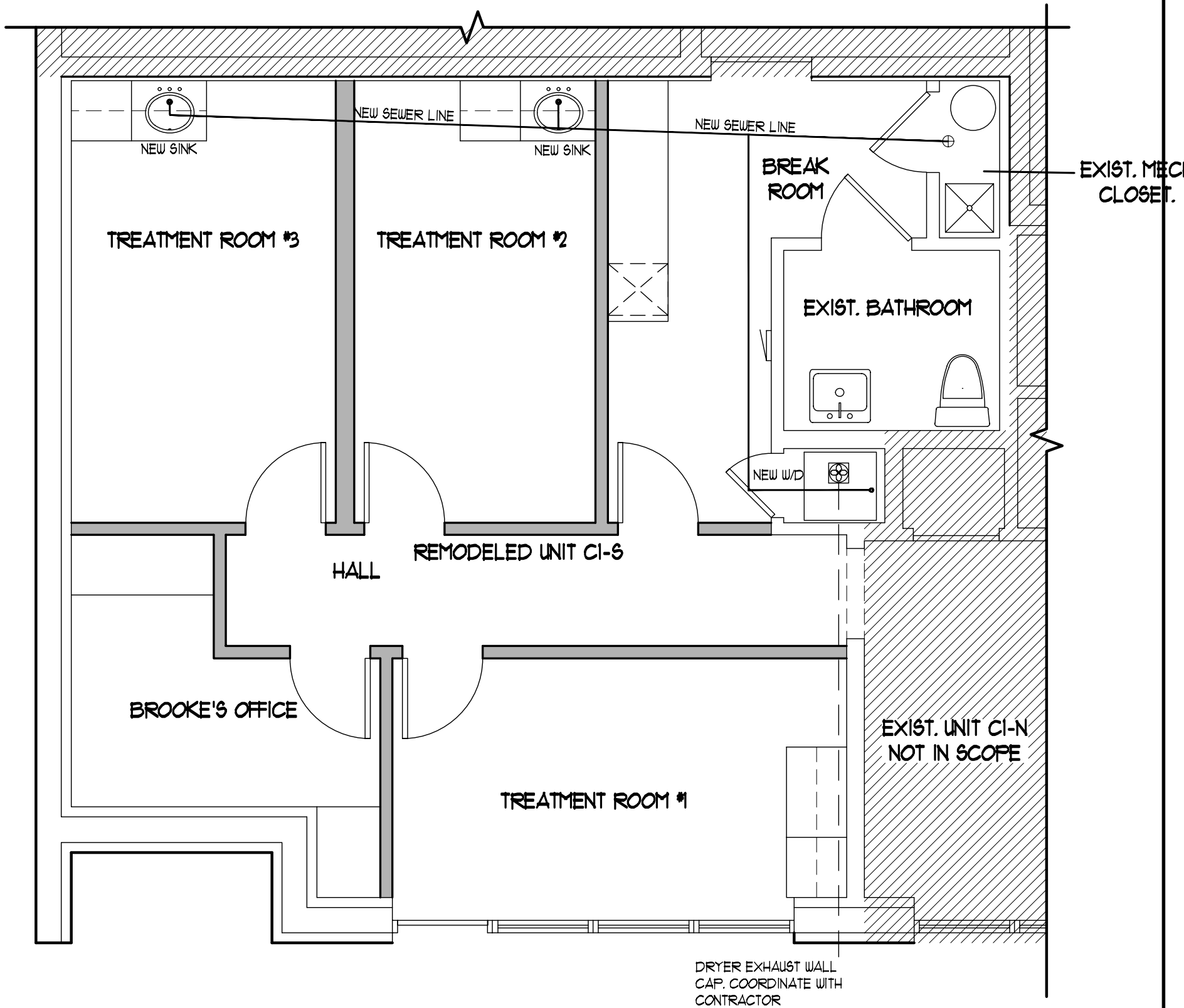


ELECTRICAL POWER PLAN

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

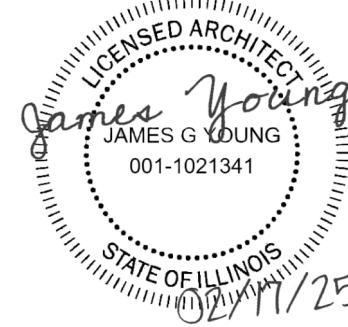
GENERAL PLUMBING NOTES

- PLUMBING GENERAL NOTES 1. ALL PIPING SHALL BE ROUTED ABOVE CEILING UNLESS OTHERWISE INDICATED. ALL PIPING EXPOSED TO VIEW SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO THE UNDERSIDE OF STRUCTURE.
- ALL PIPING SHALL BE CONCEALED IN WALLS AND BEHIND FIXED FURNISHINGS UNLESS OTHERWISE INDICATED.
- EXPOSED PIPING IN FINISHED AREAS SHALL BE CHROME PLATED WITH CHROME PLATED ESCUTCHEON AT PIPE ENTRY TO FINISHED AREA.
- SLEEVE OR CORE-DRILL FLOOR SLABS, WALLS, ETC. AS REQUIRED FOR PIPING AND FIRE-STOP OPENING AROUND PIPE. VERIFY LOCATION OF STRUCTURAL BEAMS, JOISTS, ETC. BEFORE DRILLING.
- ALL OPENINGS IN DRAINAGE AND/OR VENT SYSTEMS AS A RESULT OF INSTALLATION ROUGH-IN SHALL BE PROTECTED WITH A TEST PLUG THAT IS SECURELY LOCKED IN PLACE UNTIL FINAL FINISHED CONNECTIONS ARE INSTALLED.
- WHEREVER FOUNDATION WALLS, OUTSIDE WALLS, ROOFS, ETC. ARE PENETRATED FOR INSTALLATION OF SYSTEMS, THEY SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION AND SEALED WEATHER TIGHT.
- PROVIDE CLEANOUTS AT THE END OF EACH HORIZONTAL RUN, AND AT THE BASE OF ALL VERTICAL WASTE AND DRAIN PIPES. CLEANOUTS SHALL BE OF THE SAME SIZE AS THE PIPES THEY SERVE.
- ACCESS PANELS SHALL BE PROVIDED WHERE CONCEALED CONTROL DEVICES, VALVES, ETC. ARE CONCEALED WITHIN WALLS WHERE ACCESS FOR ADJUSTMENT AND MAINTENANCE IS POSSIBLE THROUGH LAY-IN SUSPENDED CEILINGS. ACCESS PANELS ARE NOT REQUIRED.
- ALL PIPING SHALL BE RUN PARALLEL TO BUILDING LINES AND SUPPORTED AND ANCHORED AS REQUIRED TO FACILITATE EXPANSION AND CONTRACTION.
- INSTALL ALL PIPING AS REQUIRED TO MEET ALL CONSTRUCTION CONDITIONS AND TO ALLOW FOR INSTALLATION OF OTHER WORK INCLUDING DUCTS AND ELECTRICAL CONDUIT.
- PROVIDE AN ISOLATING, DIELECTRIC UNION AT ALL CONNECTIONS BETWEEN FERROUS AND NONFERROUS PIPING.
- PROVIDE ALL FITTINGS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY TO FACILITATE



PLUMBING AND MECHANICAL PLAN

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



INTERIOR RENOVATION & REMODEL FOR
4010 LINCOLN AVENUE, SUITE CI-5
CHICAGO, ILLINOIS 60618

DESIGN PHASE	NO	REVISION DESCRIPTION	INITIAL	DATE
PRELIMINARY				
BID/APPROVAL				
PERMIT				
CONSTRUCTION				
PROJECT NO. 2410				
DATE 02-16-2025				
SHEET A-2				