





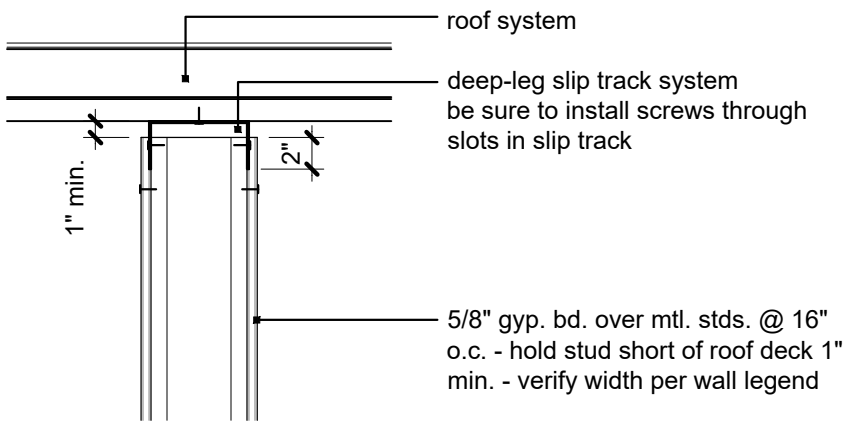
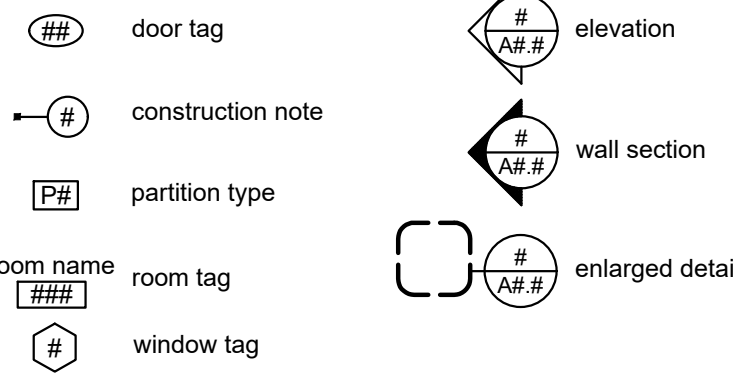
general notes:

- All construction shall conform to the standards and specifications of Lee's Summit, Missouri.
- Double keyed locks are not permitted on any required or marked exit.
- Provide 3A-40BC fire extinguishers (min. 5 lb.) - location & quantity per Fire Marshal.
- Exit / emergency lighting are subject to an on site inspection.
- Furnish and install approved address numbers on front and rear of building (5" white vinyl numbers to contrast).
- HVAC system to have approved interconnected, smoke detector activated, automatic shutoffs with the detectors located in the return duct.
- HVAC rooftop units shall have an accessible G.F.C.I. outlet per code.
- Building construction must fully comply with all requirements of ADA accessibility guidelines.
- Provide 3-1/2" batt insulation in wall construction between conditioned & unconditioned spaces. Insulation to have a minimum R-13 value.
- Exit doors shall be operable from the inside without the use of a key or any special knowledge or effort.
- Provide electrical outlets at 15' a.f.f. to the lowest outlet per ADA.
- Furr around pipes / columns as shown on plans and construction documents.
- Furnish and install supply and return per MEP drawings.
- Egress illumination will be provided at an intensity of not less than 1 foot candle at floor level & at the exterior of the building.
- Provide 1/4" tempered glass in all interior windows & sidelights (typical unless noted otherwise).
- Provide 44" min. clear in all exit passageways.
- Any new exterior utility service equipment shall be painted to match the building standard colors.
- Furnish and install horns & strobes as required.
- All electrical outlets within 6'-0" of any sink or water source to be GFCI protected.
- Furniture to be provided by the tenant throughout.
- Furnish and install adequate power for owner/tenant supplied equipment. Verify requirement with Owner / Tenant.
- Construction materials exposed within plenums shall be noncombustible or shall have a flame spread rating of not more than 25 and a smoke developed rating of not more than 50.
- All low voltage wire and cable, optical fiber, pneumatic tubing, and all ducts and duct coverings, linings and connectors installed within plenum areas must be rated for plenum use.
- The general contractor shall contact all utility companies prior to start of construction and verify the location and depth of any utilities that may be encountered during construction.
- The contractor shall field verify existing surface and subsurface ground conditions prior to start of construction.
- Any penetrations in exterior walls shall be caulked and sealed "air-tight". Caulk color to match adjacent paint color.
- Any penetrations in interior walls must maintain the required fire rating per 2018 IFC.
- All roof penetrations shall be made by Landlord's roofing Contractor. Please notify the Landlord and Tenant Coordination prior to commencement.
- Do not attach window shades or other items to the storefront system. Window film and signage must be pre-approved by the Landlord.

construction notes: ##

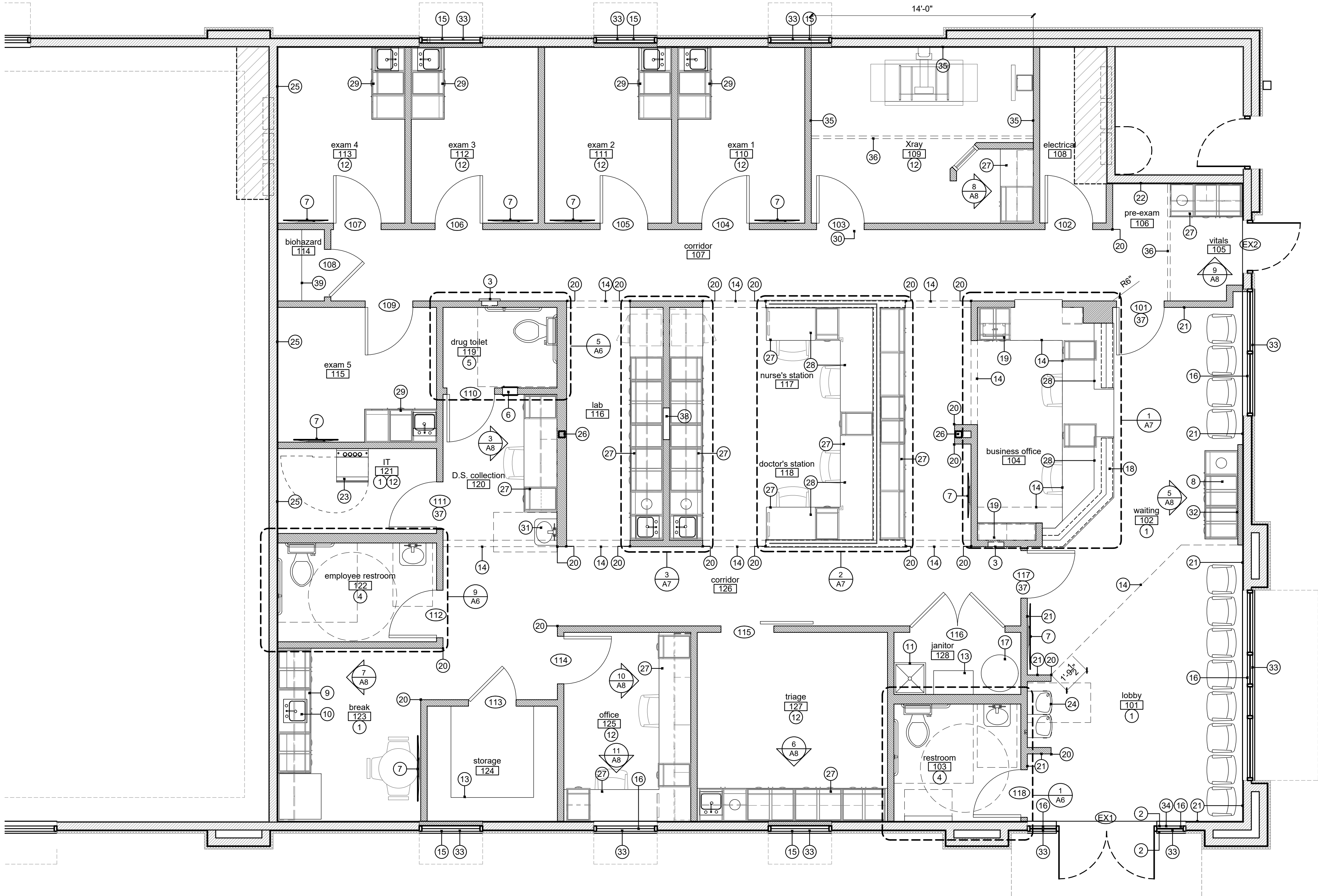
- Furniture and equipment shown for reference only, will be provided by Tenant throughout.
- Furnish and install accessible push button entry control mounted on storefront frame per ADA at door (EX1), provide power as required.
- Furnish and install 3A-5BC rated fire extinguisher (min. 5 lbs.) in semi-recessed stainless steel cabinet - mount no higher than 5' to top of extinguisher - Monroe Extinguisher Company - model #1037V10 - Cosmopolitan F.E. cabinet. Verify final location with Fire Marshal and confirm with Architect.
- Furnish and install restroom with 5' turning radius per ADA, wall mount sink at 2'-10" a.f.f. per ADA, 36" & 42" horizontal grab bars at 33-36" a.f.f., 6" & 12" from corner respectively and 18" vertical grab bar per detail. Include 24" x 48" mirror and paper towel dispenser with trash receptacle. Double roll toilet paper dispenser and wall mounted soap dispenser. Provide treated wood blocking in wall for all wall mounted items.
- Furnish and install drug restroom with 5' turning radius per ADA, 36" & 42" horizontal grab bars at 33-36" a.f.f., 6" & 12" from corner respectively and 18" vertical grab bar per detail. Include locking tank toilet and double roll toilet paper dispenser. Provide treated wood blocking in wall for all wall mounted items.
- Furnish and install stainless steel recessed specimen pass-thru cabinet (Bobrick B-505 s.s. satin finish).
- Furnish and install recessed power and cable/data connections with blocking as required for tenant television and bracket. Center of television to be mounted at 6'-0" a.f.f. Verify final placement with tenant.
- Furnish and install lower plastic laminate casework @ 2'-10" a.f.f. with 8" dia. grommet and adequate electrical / data. Verify grommet placement with Tenant prior to install. Provide water line and power for coffee maker inside cabinet per MEP drawings.
- Furnish and install lower and upper plastic laminate casework @ 2'-10" a.f.f. with plastic laminate countertop. Provide adequate electrical and plumbing for microwave and refrigerator with ice maker.
- Furnish and install drop-in stainless steel sink with garbage disposal and gooseneck faucet with wristblade handles per plumbing and ADA.
- Furnish and install janitor mop basin, hose extension and mop rack. Install FRP on adjacent walls to 4'-0" high and extend minimum 24" past edge of basin.
- Furnish and install insulation over ceiling in rooms 109, 110, 111, 112, 113, 115, 121, 125 and 127.
- Furnish and install 18" deep plastic laminate shelving on KV standards to 8'-0" a.f.f. (minimum 5 shelves).
- Line of soffit / ceiling transition above.
- Furnish and install charcoal vinyl film on inside face of exterior window prior to new wall construction.
- Furnish and install roller shades at exterior windows. GC to coordinate shade installation requirements prior to soffit and casework installation.
- Proposed water heater location per plumbing drawings.
- Furnish and install reception desk with solid surface transaction top per detail and ADA.
- Furnish and install adequate power and data for Tenant printer / copier equipment.
- Furnish and install corner guards to 4'-0" a.f.f. at outside wall corners in all public areas susceptible to damage.
- Furnish and install chair rail at 36" a.f.f. in lobby and waiting room only. Do not install chair rail on wall behind drinking fountains.
- Furnish and install adequate power for Tenant provided scale equipment.
- Tenant provided IT cabinet. Provide adequate power as required per electrical drawings.
- Furnish and install hi / low drinking fountains at 34" a.f.f. to spout with forward controls per ADA.
- Existing demising wall to remain.
- Existing column to remain. Furr around column per detail.
- Furnish and install plastic laminate casework with plastic laminate countertop per detail and ADA.
- Furnish and install adequate power and data for tenant provided computer equipment. Verify final placement with tenant.
- Furnish and install lower plastic laminate casework @ 3'-0" a.f.f. with plastic laminate countertop and backsplash with stainless steel drop-in sink. Faucet shall include integral eye wash. Provide adequate power and data. See detail on A8.
- Furnish and install X-ray in use fixture above door per electrical drawings.
- Furnish and install wall mount sink @ 2'-10" a.f.f.. Faucet shall include integral eye wash per plumbing drawings.
- Furnish and install blocking in wall for tenant provided and installed signage.
- Existing storefront to remain. GC shall protect during construction.
- Provide outlet above ceiling for open sign per electrical drawings.
- Furnish and install blocking in walls to meet X-ray equipment supplier requirements.
- Furnish and install curtain track along ceiling. Provide 2x6 blocking above ceiling along curtain track path. Suspend and brace blocking from structure above. Curtain will be provided by tenant.
- Furnish and install wireless keypad at doors 101, 111, and 117.
- Furnish and install 2'-0" w X 1'-4" h pass-thru opening in wall per casework elevations.
- Furnish and install (2) 18" deep plastic laminate shelving on KV standards at 5'-0" and 8'-0" a.f.f..

symbol legend



2 slip track detail

scale: 1"=1'-0"



1 floor plan

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



08.19.2022

A tenant finish for  
**CareNow Urgent Care**  
3509 SW Market Street  
Lee's Summit, MO 64082

date  
08.19.2022  
drawn by  
DAE  
checked by  
DAE  
revisions

sheet number

**A1**

drawing type  
permit  
project number  
22102

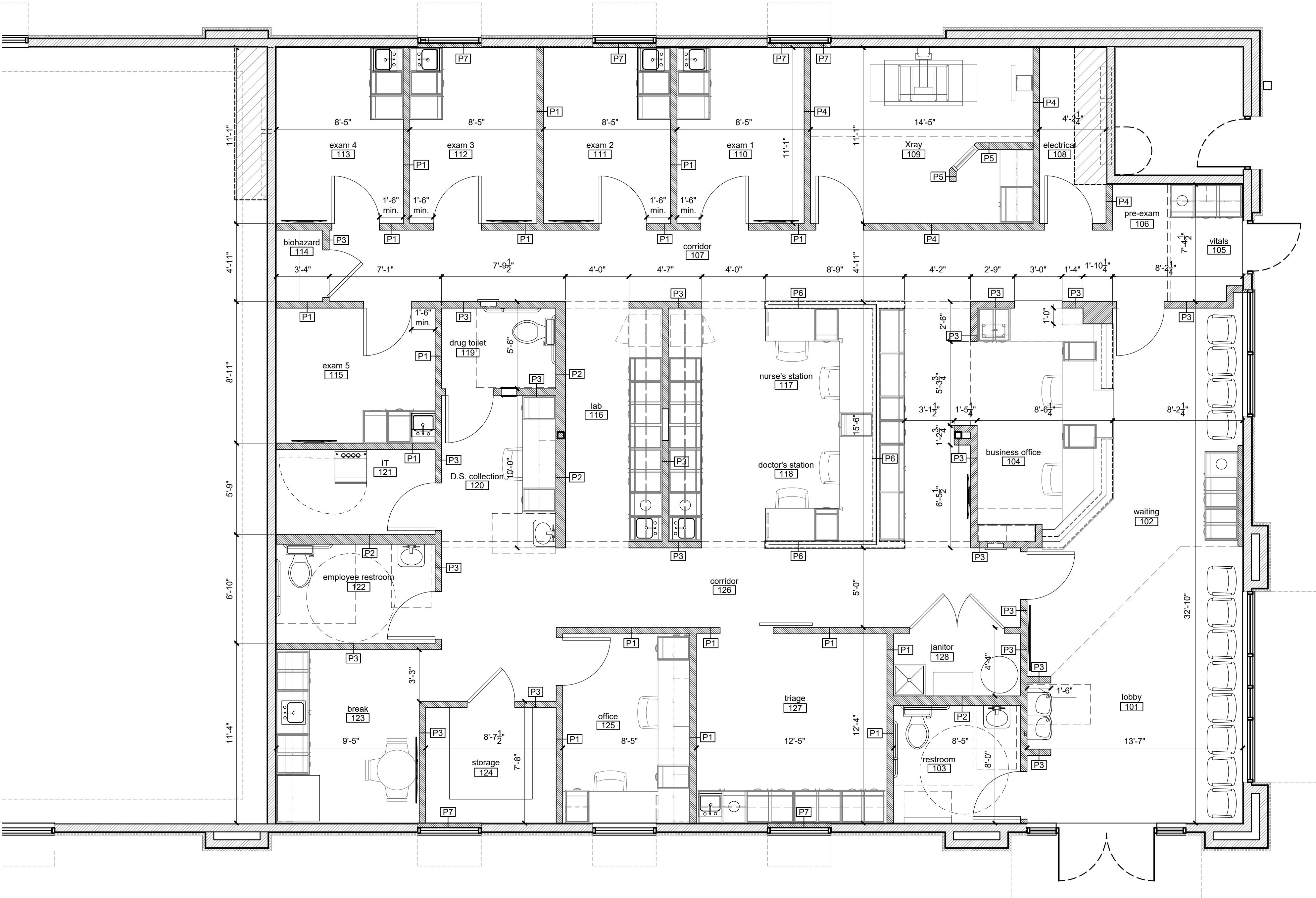


partition legend:

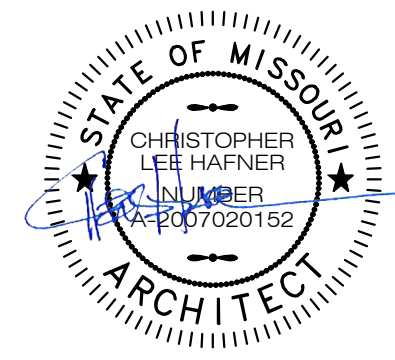
- [P1]** 3-5/8" metal studs at 16" o.c. with 5/8" gypsum board on both sides to bottom of deck with deep-leg slip track connection & 3-1/2" unfaced sound attenuation batt insulation full height. Stud gauge per supplier. Utilize Dens-Armour Plus at all wet walls.
- [P2]** 6" metal studs at 16" o.c. with 5/8" Dens-Armour Plus on both sides to bottom of deck with deep-leg slip track connection & 3-1/2" unfaced sound attenuation batt insulation full height. Stud gauge per supplier. Utilize Dens-Armour Plus at all wet walls.
- [P3]** 3-5/8" metal studs at 16" o.c. with 5/8" gypsum board on both sides to 6" above ceiling and 3-1/2" unfaced sounds attenuation batt insulation full height. Stud gauge per supplier. Utilize Dens-Armour Plus at all wet walls.
- [P4]** Lead Lined Wall - 3-5/8" metal studs at 16" o.c. with 5/8" Ray-Bar's lead backed drywall on X-ray room side to 7'-0" a.f.f. with 5/8" gypsum board above and 5/8" gypsum board on opposite side to bottom of deck with deep-leg slip track connection & 3-1/2" unfaced sound attenuation batt insulation full height. Install vertical lead batten strips minimum 1-1/2" wide and same height and thickness as gypsum board lead lining to inside face of stud supports and blocking where all vertical joints inside and outside corners occur. Provide lead discs or additional batten strips at intermediate studs for shielding screw penetrations. Stud gauge per supplier. Verify lead lining requirements with shielding report.
- [P5]** Lead Lined Wall: 3-5/8" metal studs at 16" o.c. with 5/8" Ray-Bar's lead backed drywall on both sides to 7'-0" a.f.f. with 5/8" gypsum board above to 6" above ceiling and 5/8" gypsum board on opposite side to bottom of deck with deep-leg slip track connection & 3-1/2" unfaced sound attenuation batt insulation full height. Install vertical lead batten strips minimum 1-1/2" wide and same height and thickness as gypsum board lead lining to inside face of stud supports and blocking where all vertical joints inside and outside corners occur. Provide lead discs or additional batten strips at intermediate studs for shielding screw penetrations. Stud gauge per supplier. Verify lead lining requirements with shielding report.
- [P6]** Half height wall - 3-5/8" metal studs at 16" o.c. with 5/8" gypsum board on both sides. Wall shall be 40-1/2" a.f.f. with plastic laminate top above for a total system height of 42" a.f.f. with plastic laminate top. For a total system height of 42" a.f.f., install frosted and tempered glass panels on top of laminate in dry-glaze U-channel per details.
- [P7]** 3-5/8" metal studs at 16" o.c. infill with 5/8" gypsum board on finish side and 3-1/2" unfaced sound attenuation batt insulation. Stud gauge per supplier. Utilize Den's Armour Plus at all wet walls.

\* 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 DensArmor 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.



1 dimension and partiton plan  
scale: 1/4" = 1'-0"



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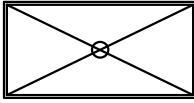
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**A2**

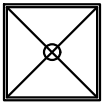
drawing type  
permit  
project number  
22102




reflected ceiling legend:




2x4 lay-in LED light fixture with direct/indirect lens



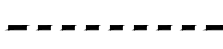
2x2 lay-in LED light fixture with direct/indirect lens




recessed LED can light




1x4 linear LED box fixture (restroom)




under cabinet LED fixture



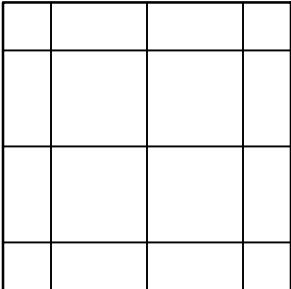
exhaust fan



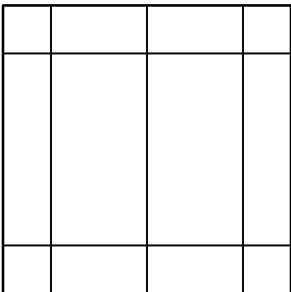
HVAC exhaust or return grille



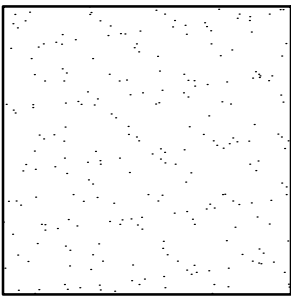
HVAC air supply diffuser



act-1: Armstrong, Cortega minatone #704, style: tegular edge, size 2'-0" x 2'-0", with Prelude ML 15/16" exposed tee grid system, white



act-2: Armstrong, Cortega minaboard #769, size 2'-0" x 4'-0", with Prelude ML 15/16" exposed tee grid system, white



gyp. bd.: gypsum board ceiling

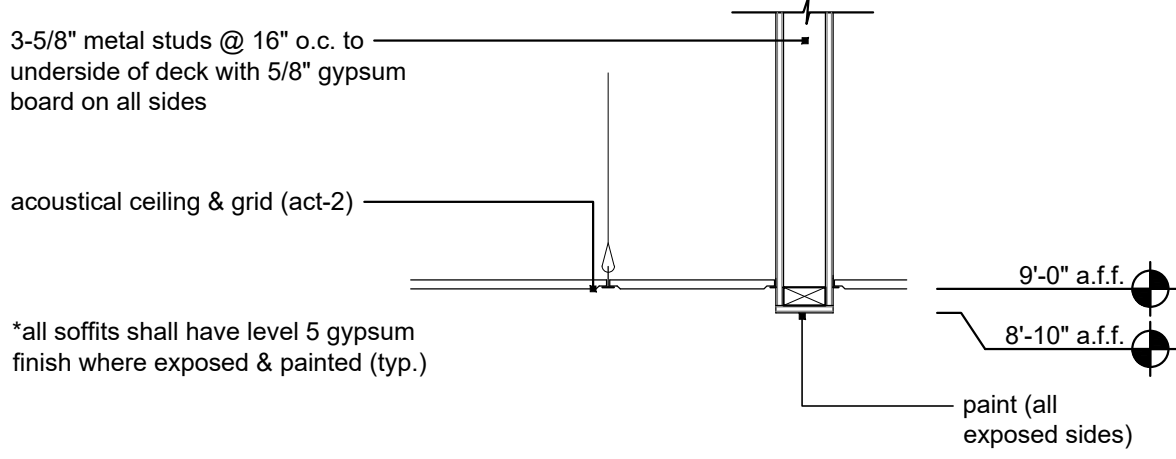
reflected ceiling notes: #

1. Acoustical ceiling tile and grid per room finish legend and reflected ceiling notes.
2. Furnish and install gypsum board ceiling. Refer to electrical drawings for lighting specifications.
3. Open to structure above.
4. Furnish and install curtain track along ceiling. Provide 2x6 blocking above ceiling along curtain track path. Suspend and brace blocking from structure above. Curtain will be provided by tenant.
5. Ceiling grid starting point at corner.

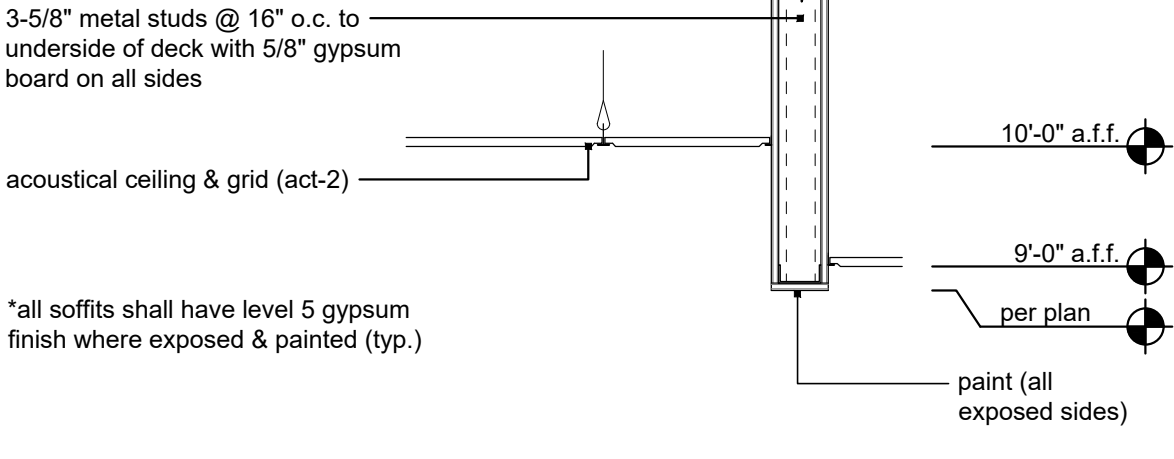
\*Note: Provide level 5 finish on all soffits and gypsum board ceilings.

reflected ceiling general notes:

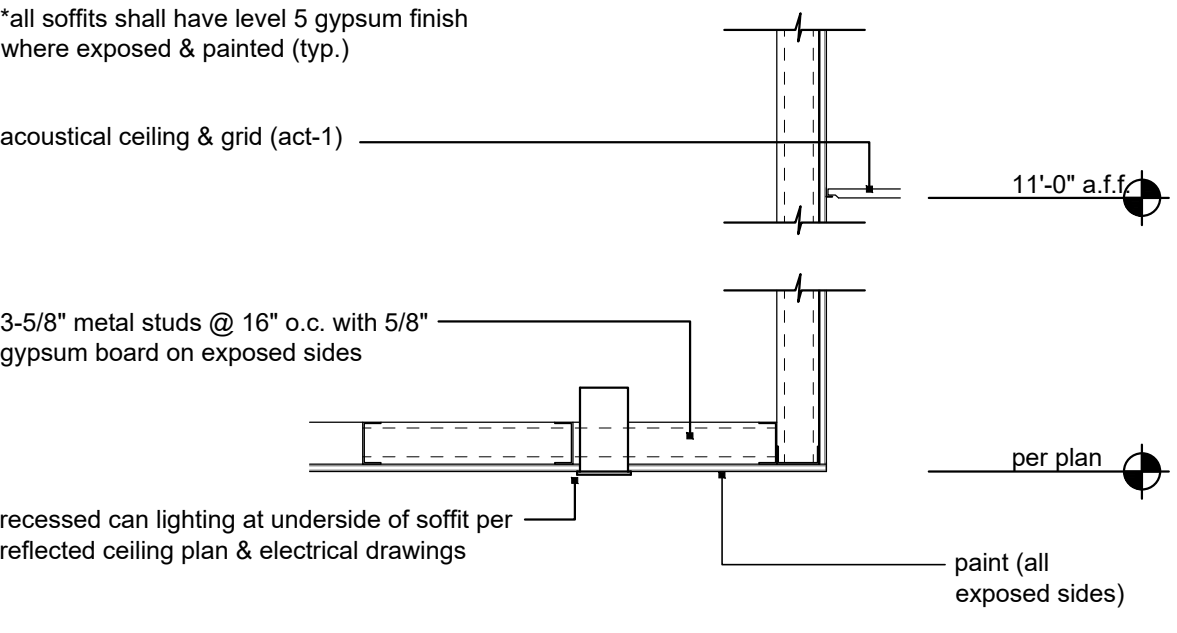
- Refer to general notes and specifications for more information.
- Refer to engineering drawings for HVAC and electrical fixtures, specifications and details.
- Refer to engineering drawings for emergency fixture locations and specifications.
- Refer to engineering drawings for light fixture specification.
- Ceiling height varies per room finish schedule and reflected ceiling plan.
- All soffits and headers to be painted per finish schedule and reflected ceiling plan.GC shall coordinate sizing and location of ducts and supply & return grills with mechanical plans and report any discrepancies to the architect.
- Provide Unistrut suspension system, as required for all suspended elements including, but not limited to, light fixtures and signage; double nut all top and bottom Unistrut anchorages.
- Stud wall to terminate 6" min. above ceiling unless noted otherwise.
- GC to install sound batt insulation above entire ceiling at all rooms.
- Fire suppression contractor shall submit drawings of any fire suppression system modifications to The City of Prairie Village building department for review / approval prior to commencing with any sprinkler scope work.



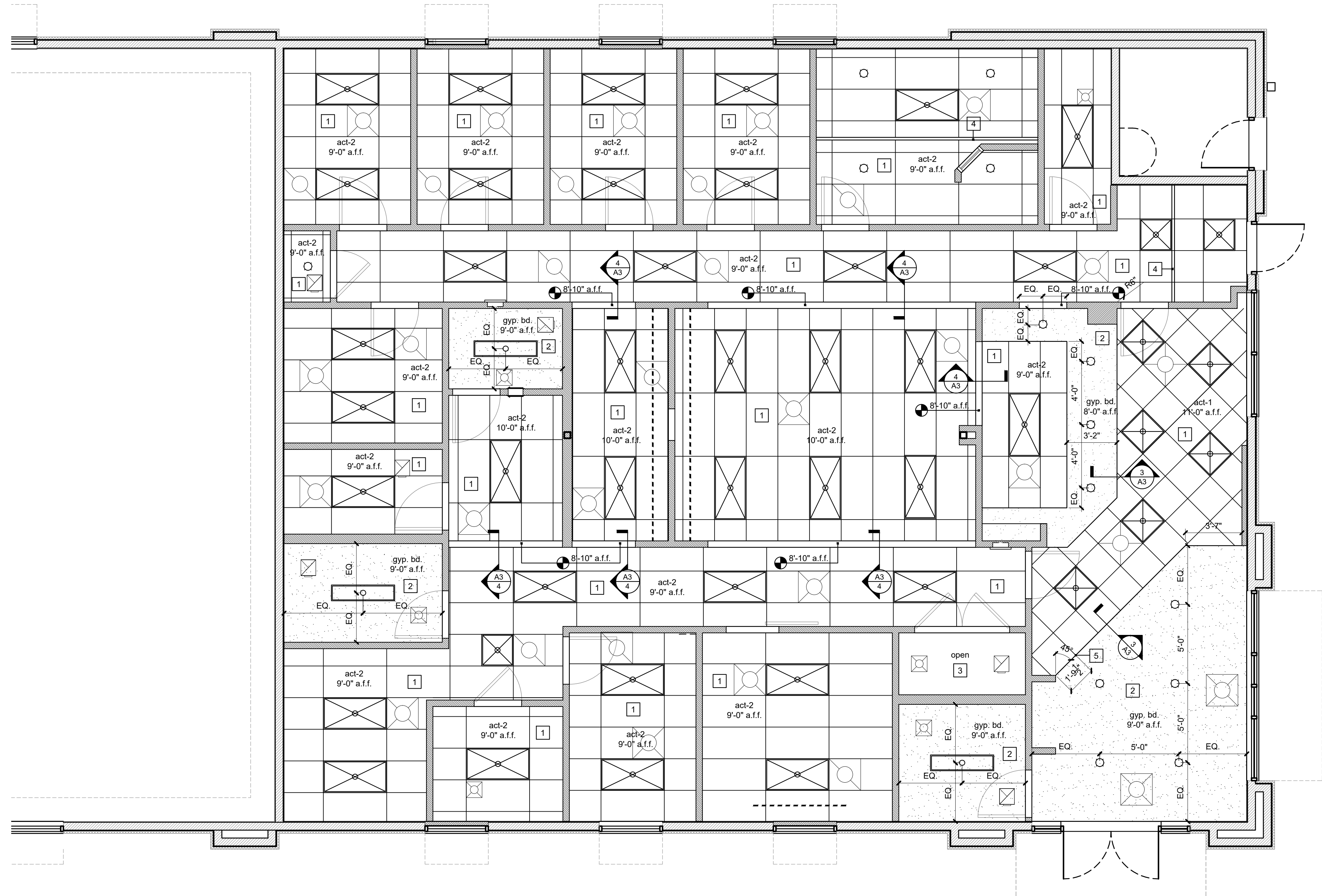
4 | soffit detail  
scale: 3/4" = 1'-0"



3 | soffit detail  
scale: 3/4" = 1'-0"



2 | soffit detail  
scale: 3/4" = 1'-0"



1 | reflected ceiling plan  
scale: 1/4" = 1'-0"



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sheet number

**A3**

drawing type  
permit  
project number  
22102



- All trim shall be pt-4 unless otherwise noted.
- All interior glazing shall be clear. Temper all interior glass.
- Interior aluminum storefront shall have clear anodized aluminum finish.
- Each material specified for application on the entire project shall be from the same dye lot.
- All surfaces shall be cleaned and conditioned to receive new finish as required by finish product manufacturer. Surfaces shall be smooth, free from depressions, protrusions, pits, slumps, streaks, flashing, and variation in texture. Installer/subcontractor shall notify general contractor prior to installation if conditions are not satisfactory.
- All wall mounted mechanical slots or grilles to be painted to match the wall on which they occur. Do not paint or wash wall mullion end caps.
- Contractor shall be responsible for leveling of floor slabs to receive specified finishes.
- All patterned flooring shall be centered in both directions and generated from center of room outward toward partitions, unless otherwise noted.
- All floor finish changes shall occur under centerline of door in closed position.
- Constructable interior finish products shall be provided per the requirement of the International Building Code section 803.4.
- Carpet seams shall occur at junctions of partitions, thresholds or change of direction in corridors. No strip patch allowed smaller than 4'-0".
- Finishes shall be bid as specified or as approved equal only.
- Utilize Dens-Armour Plus in all plumbing wet walls, walls anticipated to be in contact with moisture, or over any ceramic tile.
- Furnish and install carpet isolation membrane below all ceramic floor tile.
- Furnish and install Schluter metal transition strip at transition of tile to carpet throughout. Carpet to sealed concrete shall occur with rubber transition to match rubber base.
- Furnish and install Schluter metal trim (sch-1) on all exposed ceramic wall tile edges (vertical and horizontal).
- Furnish and install dryfall paint on any exposed base.
- Caulk around existing window and gypsum board insulation is complete.
- Furnish and install 6" batt. insulation over acoustic ceiling panels, tightly connected for thermal sound protection.

lvt-1 - refer to finish legend  
luxury vinyl tile


t-1 - refer to finish legend  
floor tile

cpt-1 - refer to finish legend  
walk off mat

Diagram illustrating the components of a lead glass window assembly:

- caulk perimeter on both sides
- lead glass, - radiation shielding
- EQ. EQ.
- aluminum storefront system
- 3-5/8" metal studs
- 5/8" gypsum board (lead lined per vendor requirements)



1 | finish floor plan |   
scale: 1/4" = 1'-0"



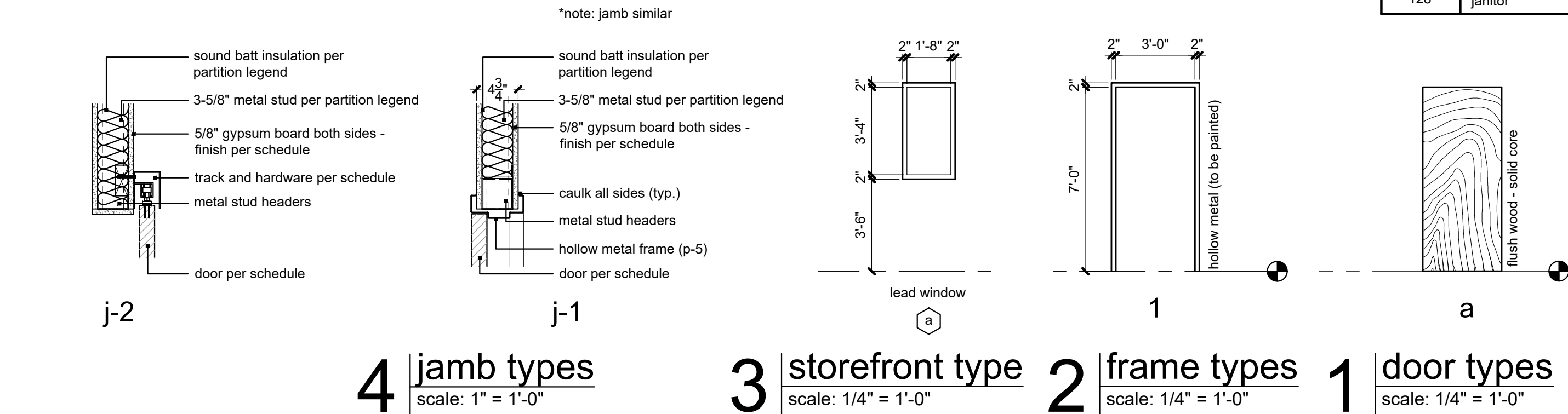
door schedule													
doors							frames				fire rating	hardware group	
door #	type	mat.	finish	size			type	material	finish	details			
				width	height	thick				head / jamb			remarks
101	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	6	
102	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	4	
103	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	alum.	anod.	j-1	0	5	lead lined door, verify lining requirements with shielding report
104	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	2	install coat hook on exam room side of door
105	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	2	install coat hook on exam room side of door
106	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	2	install coat hook on exam room side of door
107	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	2	install coat hook on exam room side of door
108	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	4	
109	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	galv.	paint(p-4)	j-1	0	2	install coat hook on exam room side of door
110	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	3	install coat hook on restroom side of door
111	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	4	
112	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	galv.	paint(p-4)	j-1	0	3	install coat hook on restroom side of door
113	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	galv.	paint(p-4)	j-1	0	4	
114	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	7	
115	a	wood	pl-3	3'-6"	7'-0"	1 3/4"	-	hol. mt.	paint(p-4)	j-2	0	8	sliding door with track
116	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	4	
117	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	6	
118	a	wood	pl-3	3'-0"	7'-0"	1 3/4"	1	hol. mt.	paint(p-4)	j-1	0	3	install coat hook on restroom side of door
ex 1	etr	alum.	anod.	pr. 3'-0"	7'-0"	1 3/4"		alum.	anod.	etr		etr	install ADA push button
ex 2	etr	hol.mt.	pt-4	3'-0"	7'-0"	1 3/4"	etr	hol.mt.	etr	etr		etr	

\*\*\* GC shall provide alternate price to install aluminum door frames for all interior frames.

finish hardware schedule				
set no.	item	description	finish	remarks
1	1 power operator - pull side mounting	Norton 5500 series - model # 5511	689	-existing hardware to remain. Modify as required to accomodate ADA push button for south side active leaf.
	1 power operator - push side mounting	Norton 5500 series - model #5531	689	
	2 auto operator actuators, jamb mount	8310-3822T - LCN	689	* Confirm all hardware with Landlord prior to installation.
2	1-1/2 pair hinges	5bb1 4.5 x 4.5 nrp - IVES	652	
	1 passage set	ND10S spa - SCHLAGE	626	
	1 overhead stop	104s series - stop only model - GLYNN JOHNSON	US32D	
	1 perimeter seal	5050cl - NGP	clear	
	1 purse / coat hook	B - 6727 Bobrick	s.s.	-mount coat hook per ADA standards (only on exam rooms)
3	1-1/2 hinges ( 2 pair at door 117)	5bb1 4.5 x 4.5 nrp - IVES	652	
	1 privacy lock	ND40S spa - SCHLAGE	626	
	1 surface closer	4011 or 4111 - LCN w/ mtg brkt/plate and type as required	689	
	1 wall stop	ws407ccv - IVES	630	
	3 silencers	sr64-1 - IVES	gray	
	1 purse / coat hook	B - 6727 Bobrick	s.s.	-mount coat hook per ADA standards
4	1-1/2 pair hinges	5bb1 4.5 x 4.5 nrp - IVES	652	-install wireless lock on door 111 only - Schlage FE575
	1 storeroom lock	ND80PD spa - SCHLAGE	626	
	1 wall stop	ws407ccv - IVES	630	
	3 silencers	sr64-1 - IVES	gray	
5	1 pivot set	5bb1 4.5 x 4.5 nrp - IVES	652	
	1 pivot	ML19 - RX	626	
	1 passage set	ND10S spa - SCHLAGE	689	
	1 overhead stop	104s series - stop only model - GLYNN JOHNSON	US32D	
	1 perimeter seal	5050cl - NGP	clear	
6	1-1/2 pair hinges	5bb1 4.5 x 4.5 nrp - IVES	652	
	1 wireless keypad lock	FE575-SCHLAGE	626	
	1 surface closer	4011 or 4111 - LCN w/ mtg brkt/plate and type as required	689	
	1 wall stop	16a - NGP	aluminum	
	3 silencers	5050cl - NGP	aluminum	
7	1-1/2 pair hinges	5bb1 4.5 x 4.5 nrp - IVES	652	
	1 office / entrance lock	ND50PD spa - SCHLAGE	626	
	1 wall stop	ws407ccv - IVES	630	
	3 silencers	sr64-1 - IVES	gray	
8	1 track	Examslide - AD Systems or approved equal	652	
	1 flush pull	950 - IVE	626	

## door & hardware notes:

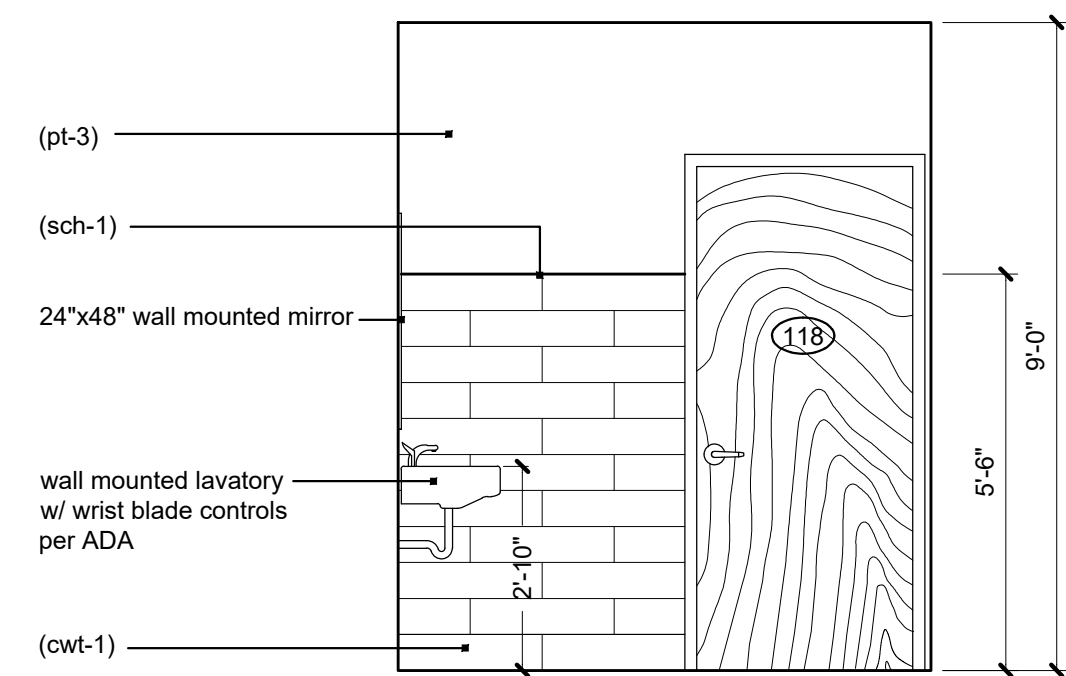
- Door frames shall be 16 ga. with mitered and welded corners.
- Doors with closers shall have ball bearing hinges.
- Thresholds shall coordinate with adjacent floor finish at either side.
- Hardware shall be heavy-duty, commercial grade, level 1 with lever handle.
- Hardware shall be manufactured by Schlage or approved equal.
- Finish hardware shall meet article III of the ADA.
- All interior storefront systems shall be clear anodized aluminum finish.
- All hardware sets shall be fitted with Schlage "C" keyway compatible cylinders - 6 pin - "0" bit, and shall have interchangeable cores.
- All hollow metal door frames shall be caulked around entire perimeter and at the inside corners.



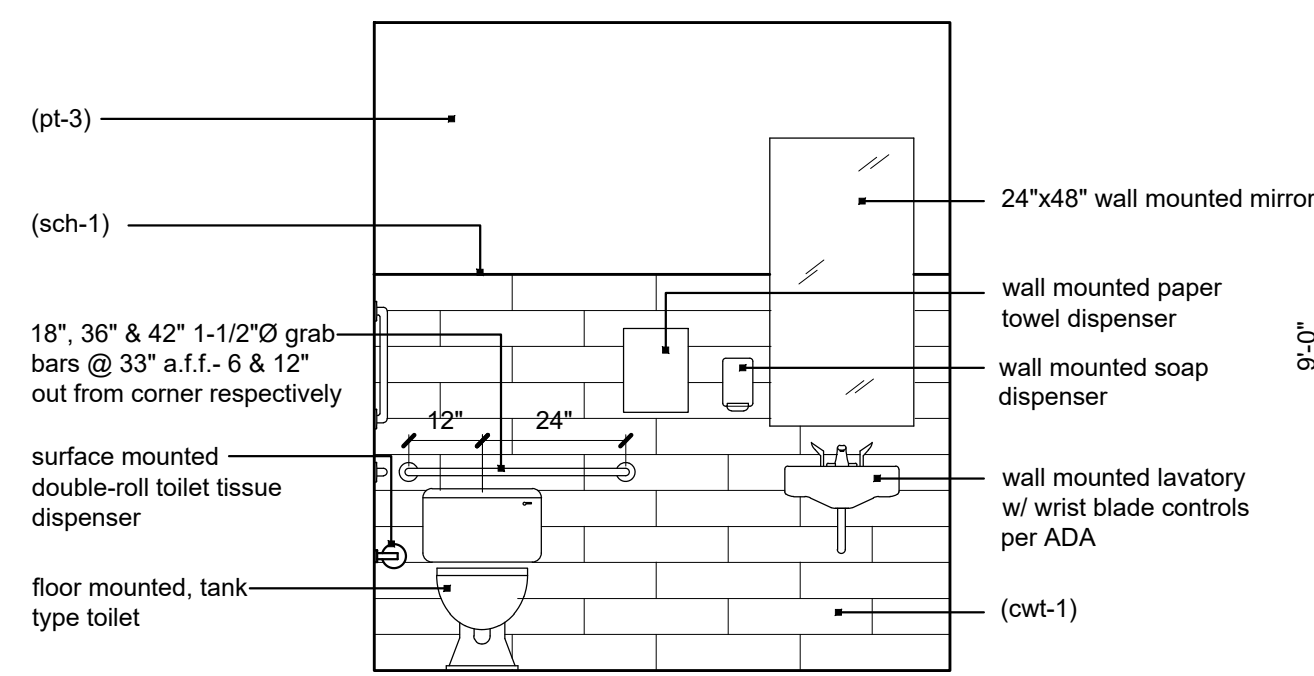
finish legend	
cpt-1	walk off mat, 4'-0" x 6'-0", grate matt aluminum hinge, Mill finish with brown polybrush inserts with recessed frames by Mats, Inc.
lvt-1	luxury vinyl tile, Shaw Contract, collection: terrain II 20, color: timber 00572, size: 6"x48" tile, ashlar installation (contact Ashley Hart, ashley.hart@shawcontract.com or 615.878.2293 for pricing and ordering)
b-1	4" rubber cove base, Johnstone, 4" traditional duracove base, color: gray 48 [use 120' rolls] (contact Abbey Helland @ abbey.helland@tarkett.com or 816.678.8605 for pricing and ordering)
pt-1	wall paint, Sherwin Williams, ProMar 200 Zero VOC Interior Latex Paint, color: SW 7015 Repose Gray: eggshell (1 coat primer, 2 coats paint - to cover) - level 4 finish
pt-2	wall paint, Sherwin Williams, ProMar 200 Zero VOC Interior Latex Paint, color: SW 9134 Delft: eggshell (1 coat primer, 2 coats paint - to cover) - level 4 finish
pt-3	restroom wall paint, Sherwin Williams, Pro Industrial Low VOC High Performance Epoxy, color: SW 7015 Repose Gray, finish: eggshell (1 coat primer, 2 coats paint - to cover) - level 4 finish
pt-4	trim paint, Sherwin Williams, ProMar 200 Alkyd Paint, color: SW9163 Tin Lizzie, finish: enamel (1 coat primer, 2 coats paint) - for all hollow metal doors and all frames - level 4 finish
pt-5	ceiling / soffit paint, Sherwin Williams, Low VOC Waterborne Acrylic Dryfall, color: SW 7015 Repose Gray, finish: flat (paint to cover) - level 5 finish
pt-6	IT paint, PPG, SPEEDHIDE Interior Fire Retardant Latex, color: SW 7015 Repose Gray, finish: eggshell (1 coat primer, 2 coats paint - to cover) - level 4 finish
pt-7	restroom wall paint, PPG, Pitt-Glaze Pre-Catalyzed WB Epoxy, color: match SW9134 Delft, finish: eggshell (1 coat primer, 2 coats paint - to cover) - level 4 finish
ss-1	solid surface, Formica, color: 758 Bianco Mineral
pl-1	plastic laminate, Wilsonart, color: Italian Silver Ash 8217K-16, finish: matte, location: lower and upper cabinets
pl-2	plastic laminate, Wilsonart, color: White Carrara 492438, location: countertops
pl-3	plastic laminate, Wilsonart, color: White Cypress 7976K, location: doors
wc-1	wall covering, Lotus Silk, L2-LO-21, color: hummingbird (waiting room walls)
t-1	floor tile, Shaw Floor, collection: Industrial, color: grigio, CT-90D-500, size: 12"x24" tile, install running bond parallel with long orientation of room
cwt-1	wall tile - Shaw Floor, collection: Odyssey color: white, CT-77D-100, size: 6"x24", install: ashlar horizontal
sch-1	tile trim, Schluter Systems, style: jolly, color: clear anodized aluminum [install along exposed top edges and outside corners (cwt-1)]
g-1	grout, Mapei, sanded with spray on grout sealer, color: TBD
pull-1	staple pull, 4" brushed stainless steel [typical all casework drawers and doors]
act-1	acoustical ceiling tile, Armstrong, Cortega minatone #704, style: tegular edge, size 2'-0" x 2'-0", with Prelude ML 15/16" exposed tee grid system, white
act-2	acoustical ceiling tile, Armstrong, Cortega minaboard #769, size 2'-0" x 4'-0", with Prelude ML 15/16" exposed tee grid system, white
gyp. bd.	gypsum board ceiling, paint (p-5)
wg-1	wall guard (chair rail), custom stain to match pl-1, size: 3" high
wg-2	wall guard (corners), Inpro, color: taupe 0113, size: 48" high [applied to top of rubber base]
gl-1	decorative glass panel, tempered glass with frosted vinyl film (GC shall provide frosted samples to client and architect for final selection) [install in 1" tall dry glaze U-channel, surface mounted to countertop]
shds-1	roller shades, Mecho Shades, SoHo 1600 series, 3% open, shade color: 1615 smoke, housing color: Quaker Bronze

room finish schedule										
room no.	room name	floor	base	wall				ceiling	cig. ht.	remarks
				north	south	east	west			
101	lobby	lvt-1	b-1	wc-1/wg-1/pt-1	wc-1/wg-1/pt-1	wc-1/wg-1/pt-1	wc-1/wg-1/pt-1	gyp. / act-1	9'-0"	pt-1 above chair rail, wc-1 below chair rail
102	waiting	lvt-1	b-1	wc-1/wg-1/pt-1	wc-1/wg-1/pt-1	wc-1/wg-1/pt-1	wc-1/wg-1/pt-1	gyp. / act-2	9'-0" / 11'-0"	pt-1 above chair rail, wc-1 below chair rail
103	restroom	t-1	-	cwt-1 / pt-3	cwt-1 / pt-3	cwt-1 / pt-7	cwt-1 / pt-3	act-2	9'-0"	pt-5 @ Dens-Armour gyp ceiling
104	business office	lvt-1	b-1	pt-2	pt-2	pt-1	pt-2	gyp. / act-2	8'-0" / 9'-0"	
105	vitals	lvt-1	b-1	pt-1	pt-1	pt-2	pt-1	act-2	9'-0"	
106	pre-exam	lvt-1	b-1	pt-1	-	pt-2	pt-1	act-2	9'-0"	
107	corridor	lvt-1	b-1	pt-1	pt-1	pt-1	pt-1	act-2	9'-0"	corner guards at corridor
108	electrical	lvt-1	b-1	pt-1	pt-1	pt-1	pt-1	act-2	9'-0"	
109	x-ray	lvt-1	b-1	pt-1	pt-1	pt-2	pt-1	act-2	9'-0"	
110	exam	lvt-1	b-1	pt-1	pt-1	pt-2	pt-1	act-2	9'-0"	
111	exam	lvt-1	b-1	pt-1	pt-1	pt-2	pt-1	act-2	9'-0"	
112	exam	lvt-1	b-1	pt-1	pt-1	pt-2	pt-1	act-2	9'-0"	
113	exam	lvt-1	b-1	pt-1	pt-1	pt-2	pt-1	act-2	9'-0"	
114	biohazard	lvt-1	b-1	pt-1	pt-1	pt-1	pt-1	act-2	9'-0"	
115	exam	lvt-1	b-1	pt-1	pt-1	pt-1	pt-2	act-2	9'-0"	
116	lab	lvt-1	b-1	pt-2	pt-2	pt-2	pt-2	act-2	10'-0"	
117	nurse's station	lvt-1	b-1	pt-2	pt-2	pt-2	pt-2	act-2	10'-0"	
118	doctor's station	lvt-1	b-1	pt-2	pt-2	pt-2	pt-2	act-2	10'-0"	
119	drug restroom	t-1	-	cwt-1 / pt-3	cwt-1 / pt-7	cwt-1 / pt-3	cwt-1 / pt-3	gyp bd	9'-0"	pt-5 @ Dens-Armour gyp ceiling
120	D.S. collection	lvt-1	b-1	pt-1	pt-1	pt-1	-	act-2	10'-0"	
121	IT	lvt-1	b-1	pt-6	pt-6	pt-6	pt-6	act-2	9'-0"	
122	employee restroom	t-1	-	cwt-1 / pt-3	cwt-1 / pt-3	cwt-1 / pt-7	cwt-1 / pt-3	act-2	9'-0"	pt-5 @ Dens-Armour gyp ceiling
123	breakroom	lvt-1	b-1	pt-1	pt-1	pt-1	pt-2	act-2	9'-0"	
124	storage	lvt-1	b-1	pt-1	pt-1	pt-1	pt-1	act-2	9'-0"	
125	office	lvt-1	b-1	pt-1	pt-2	pt-1	pt-1	act-2	9'-0"	
126	corridor	lvt-1	b-1	pt-1	pt-1	pt-1	pt-1	act-2	9'-0"	corner guards at corridor
127	triage	lvt-1	b-1	pt-1	pt-1	pt-1	pt-1	act-2	9'-0"	
128	janitor	lvt-1	b-1	pt-3	pt-3	pt-3	pt-3	-	open	

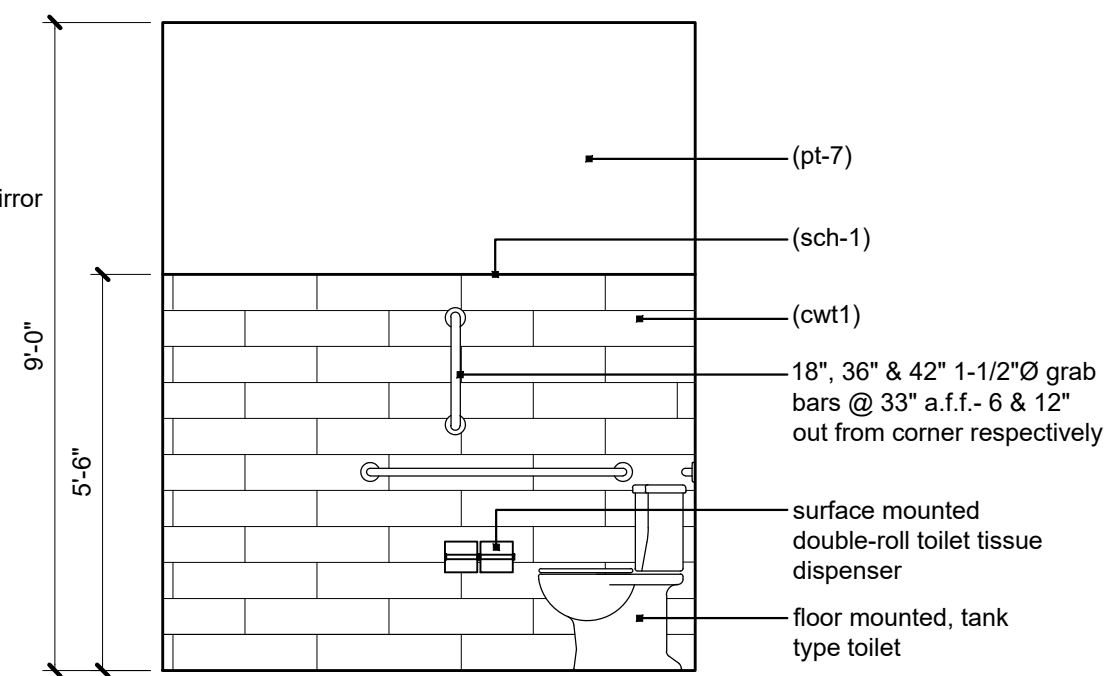




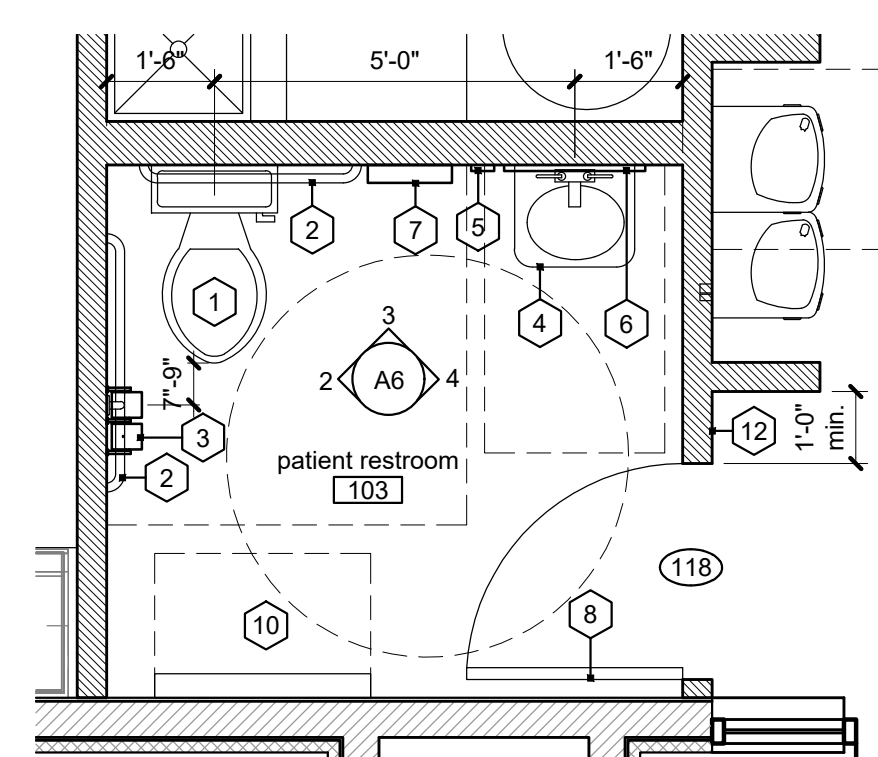
4 restroom elevation  
scale: 3/8" = 1'-0"



3 restroom elevation  
scale: 3/8" = 1'-0"



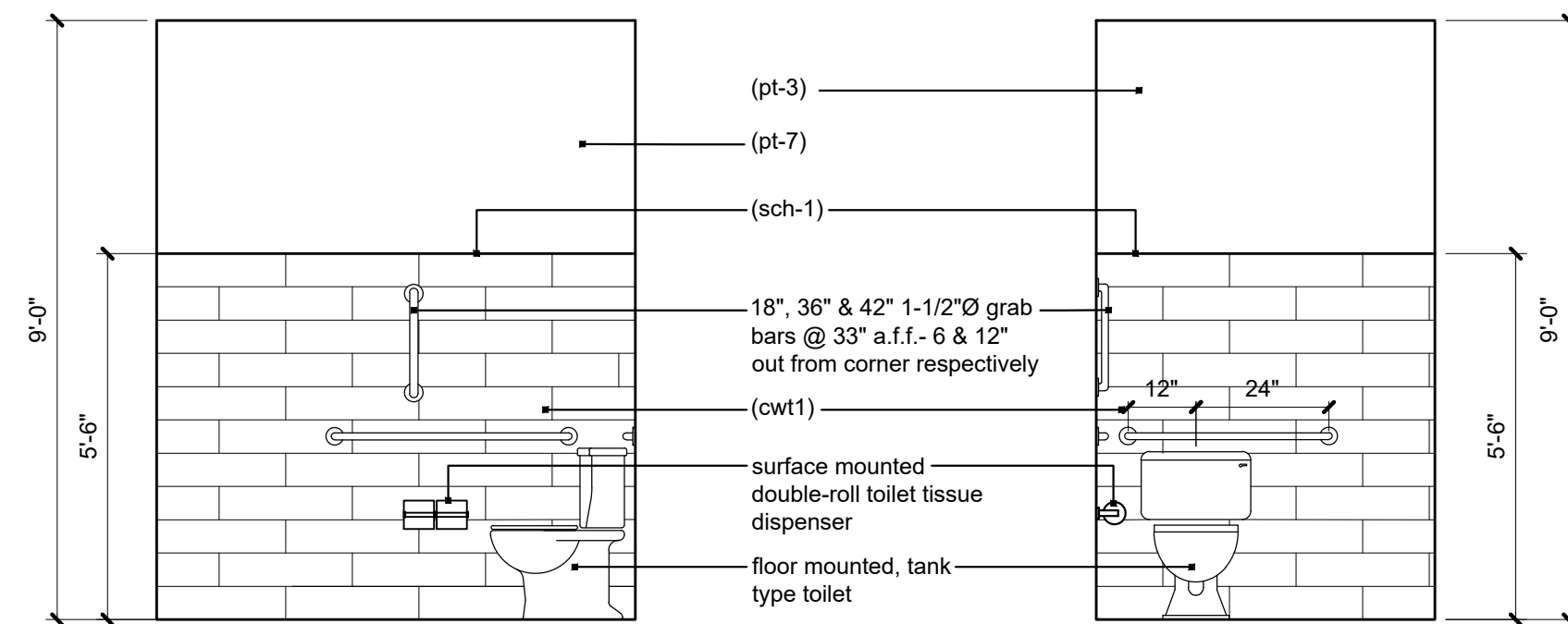
2 restroom elevation  
scale: 3/8" = 1'-0"



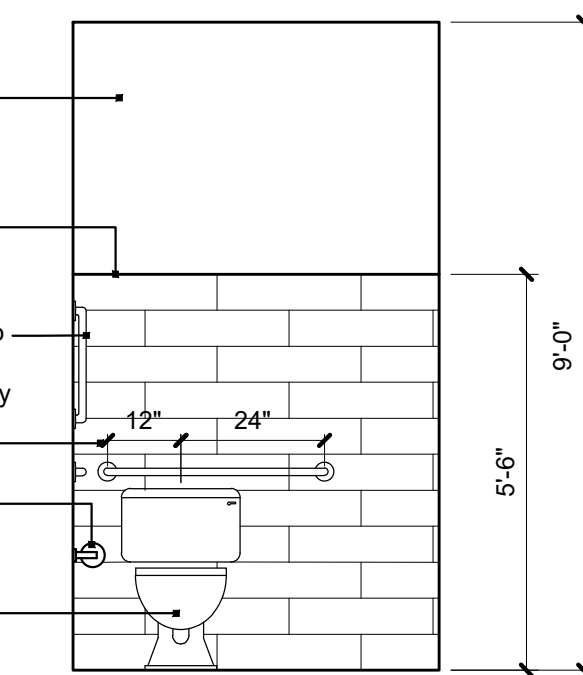
1 enlarged patient restroom plan  
scale: 3/8" = 1'-0"

restroom accessory list: ##

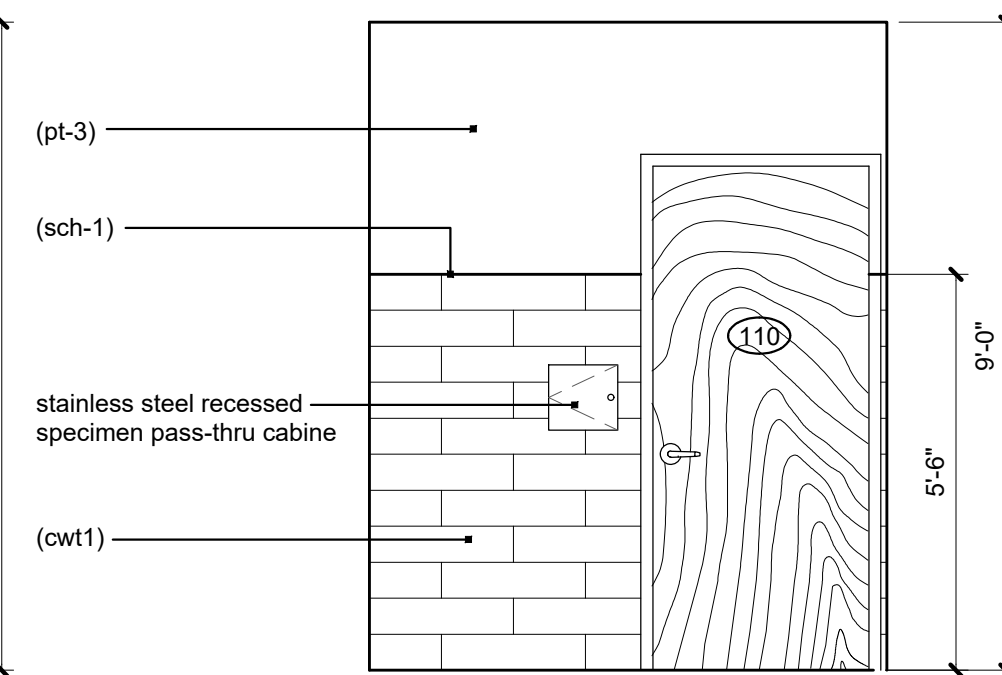
- \*\*all restroom accessories to be mounted per ADA
1. ADA height floor mounted, tank type toilet (white).
  2. 18" A.D.A. grab bar - stainless steel
  3. 36" A.D.A. grab bar - stainless steel
  4. 42" A.D.A. grab bar - stainless steel
  5. Surface-mounted double roll toilet paper dispenser. Bobrick B-6867 or approved equal.
  6. Wall mounted sink @ 2'-10" a.f.f. (white).
  7. Wall mounted soap dispenser (Furnished and Installed by Owner).
  8. 24" x 48" wall mounted frameless mirror, above sink with bottom of reflective surface at 40" a.f.f. max. per ADA.
  9. Paper towel dispenser. Bobrick B-2620 or approved equal.
  10. Coat Hook on restroom side of door per ADA. Bobrick B-542 or approved equal.
  11. ADA height floor mounted, tank type toilet (white) with locking tank.
  12. Vertical baby changing station - Koala Bear KB101 - Grey 01 or approved equal.
  13. Stainless steel recessed specimen pass-thru cabinet. Bobrick B-505 S.S. satin finish.
  14. ADA restroom tactile sign - mounted per ADA chapter 7.



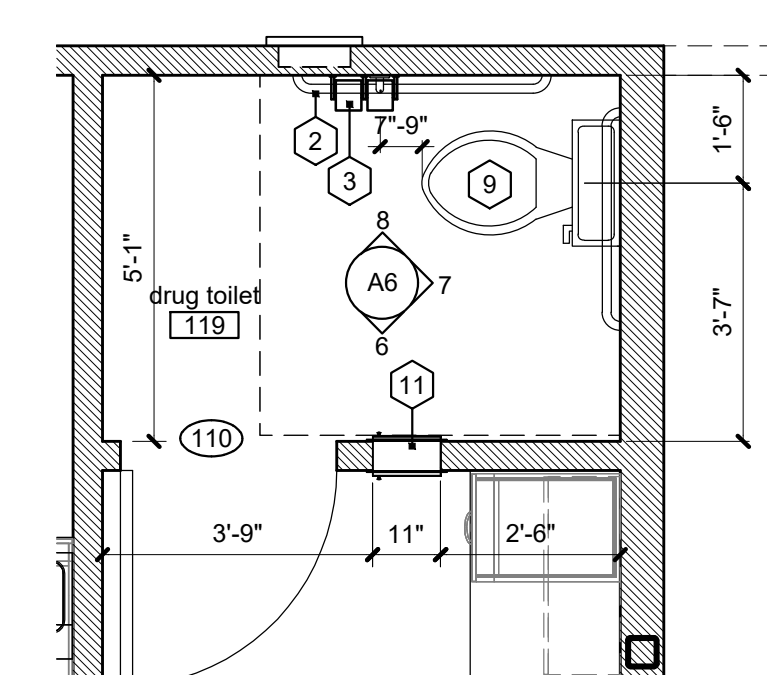
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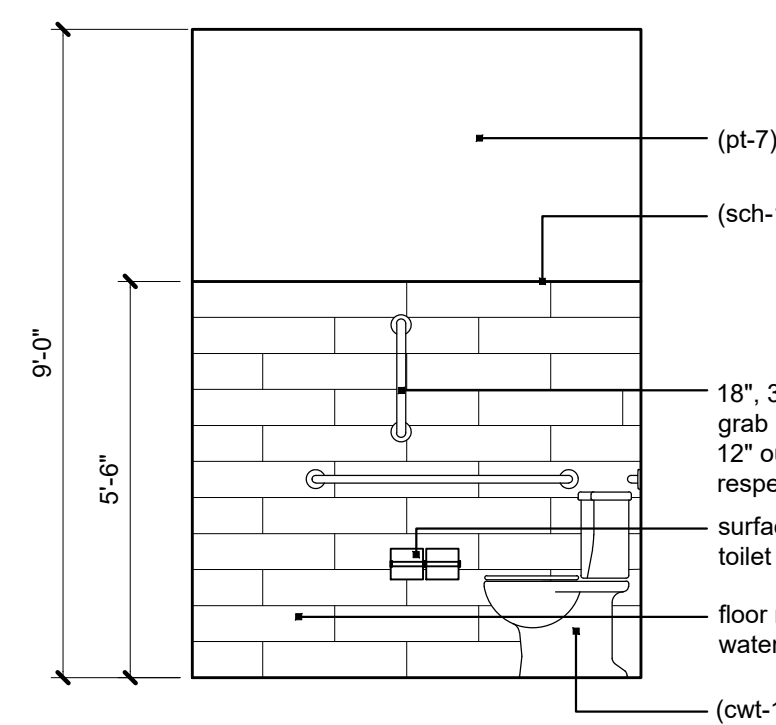
7 drug elevation  
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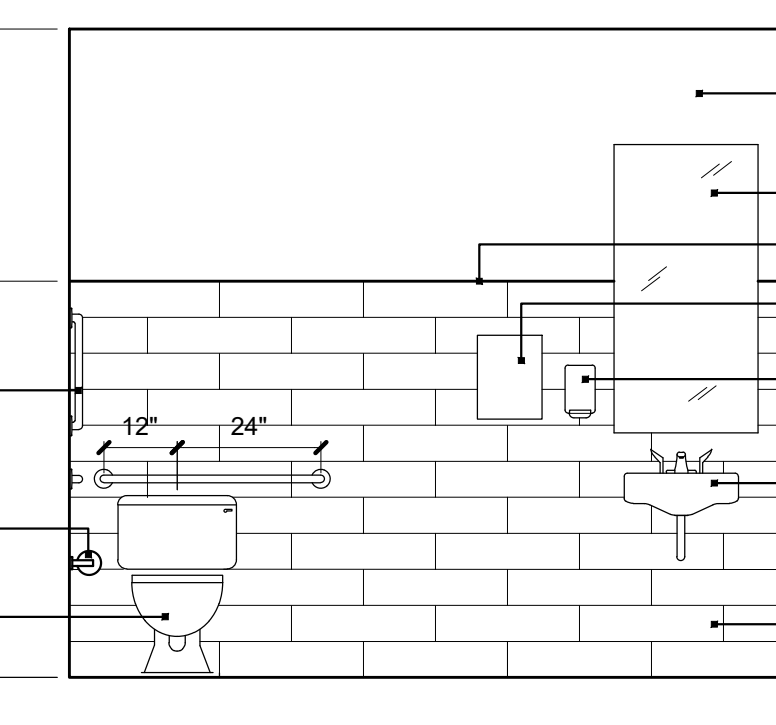
6 drug elevation  
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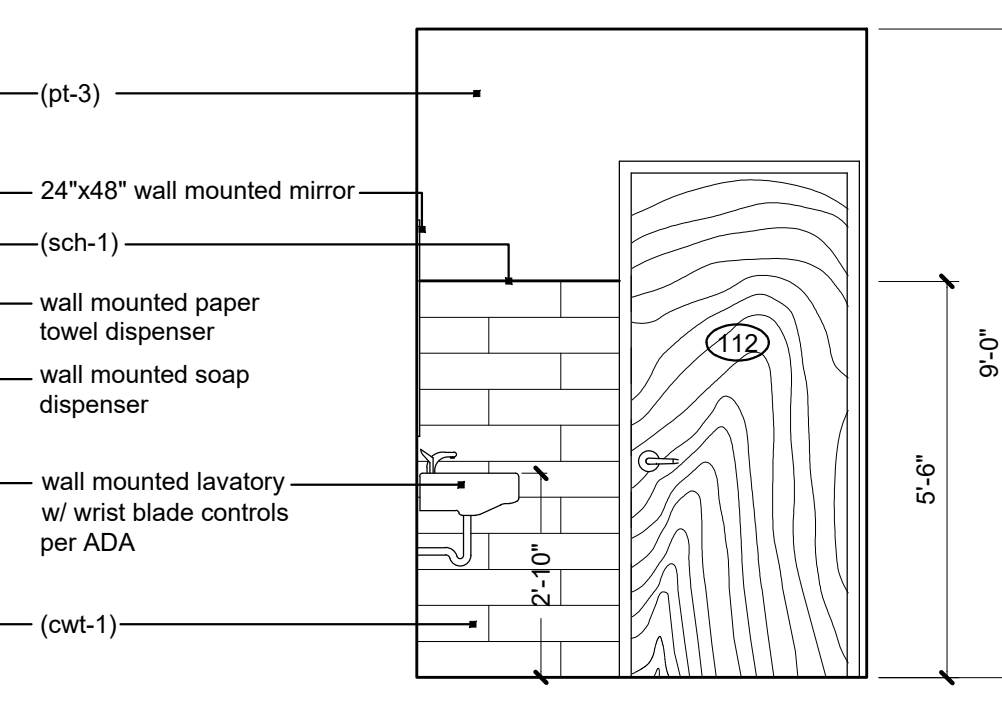
5 enlarged drug restroom plan  
scale: 3/8" = 1'-0"



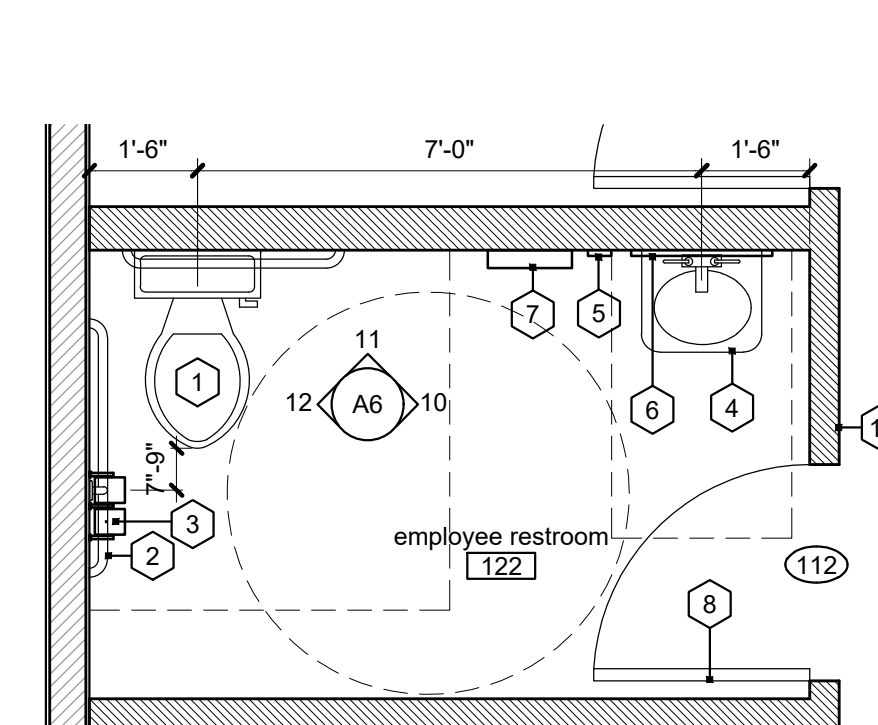
12 restroom elevation  
scale: 3/8" = 1'-0"



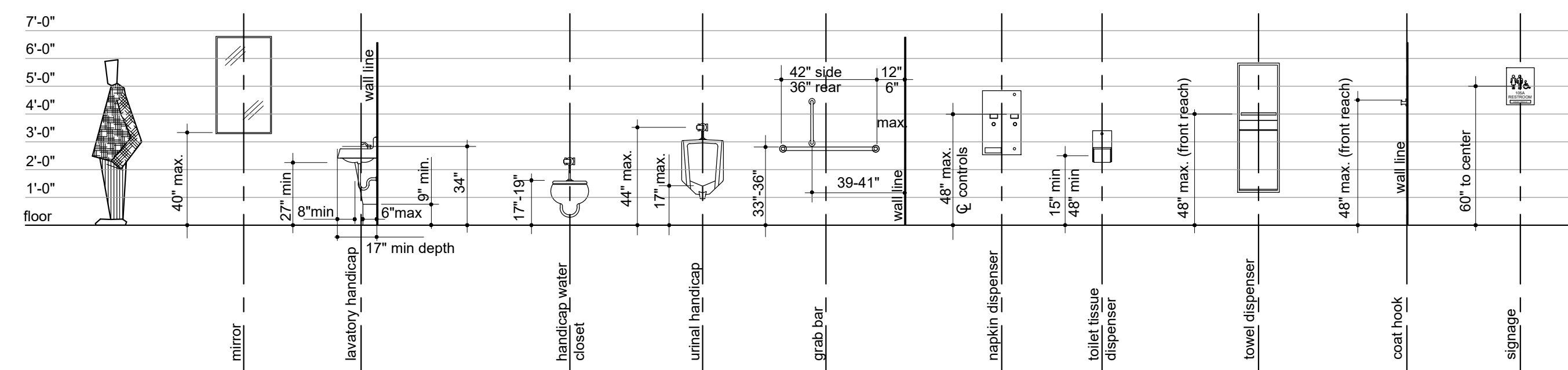
11 restroom elevation  
scale: 3/8" = 1'-0"



10 restroom elevation  
scale: 3/8" = 1'-0"



9 enlarged restroom plan  
scale: 3/8" = 1'-0"



13 ADA mounting heights  
scale: 1/4" = 1'-0"

A tenant finish for  
**CareNow Urgent Care**  
3509 SW Market Street  
Lee's Summit, MO 64082

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08.19.2022  
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DAE  
checked by  
DAE  
revisions

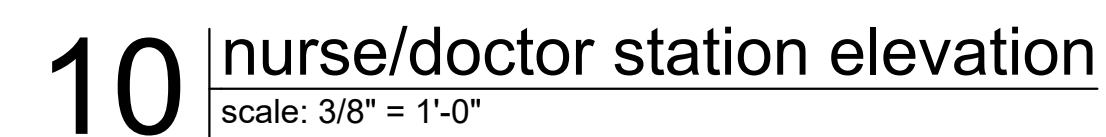
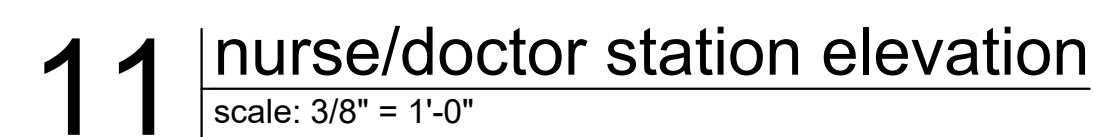
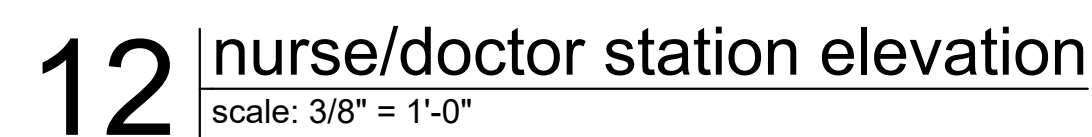
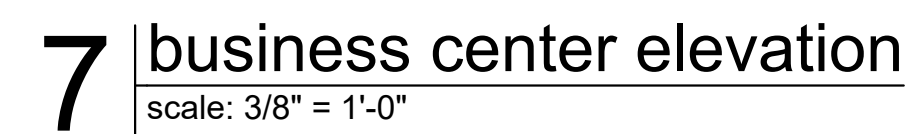
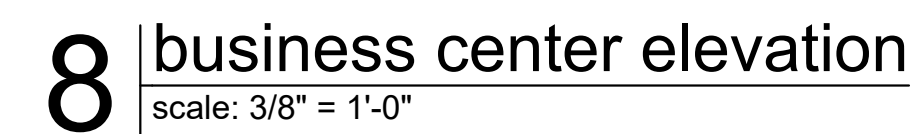
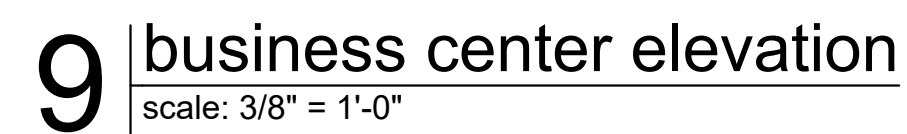
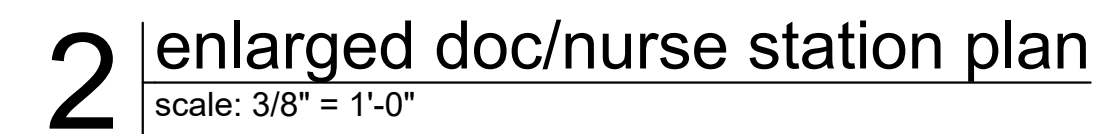
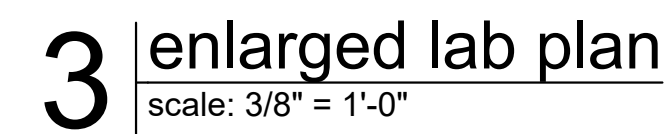
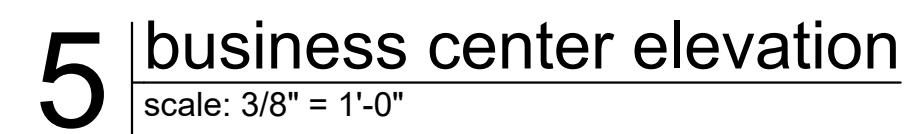
sheet number

**A6**

drawing type  
permit  
project number  
22102



C	-	cash
D	-	doctor
F	-	front desk
L	-	lab
N	-	nurse
DS	-	drug test storage



3009 SW Market Street  
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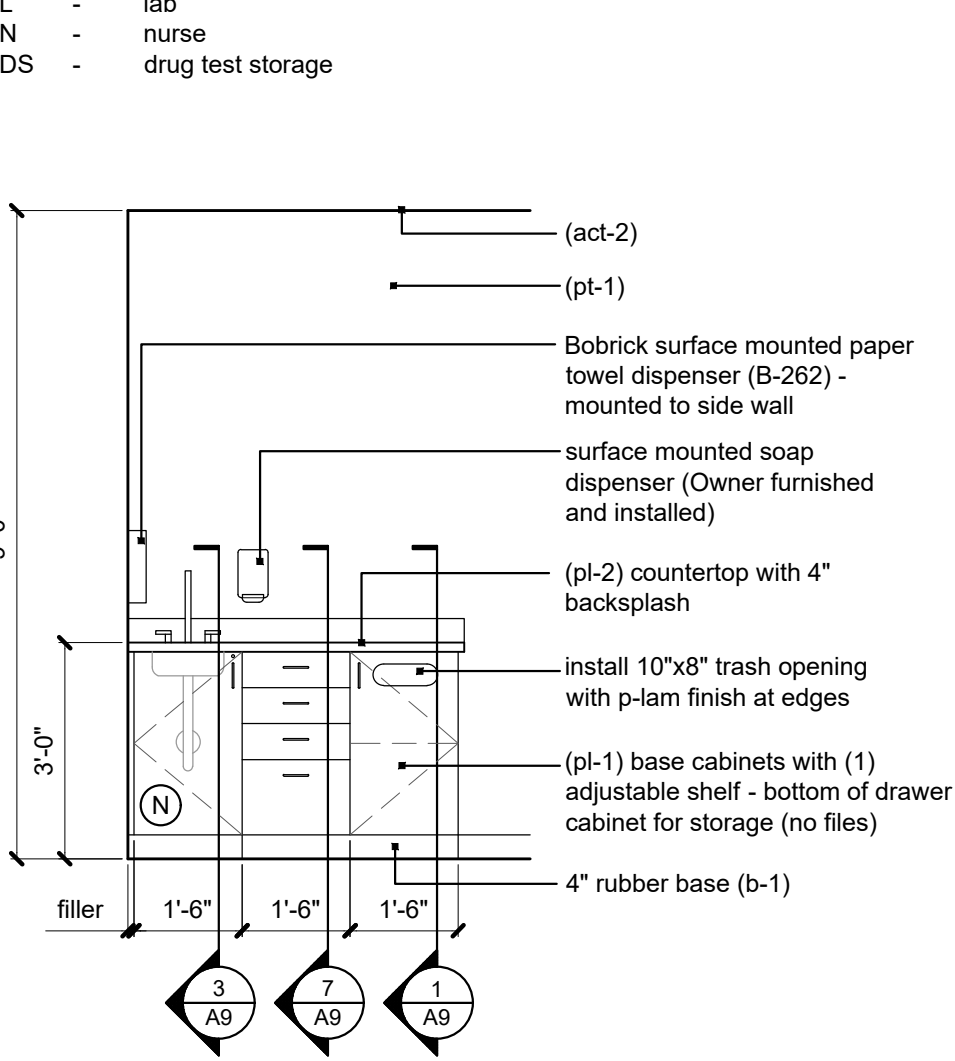
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rawing type  
ermit  
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2102

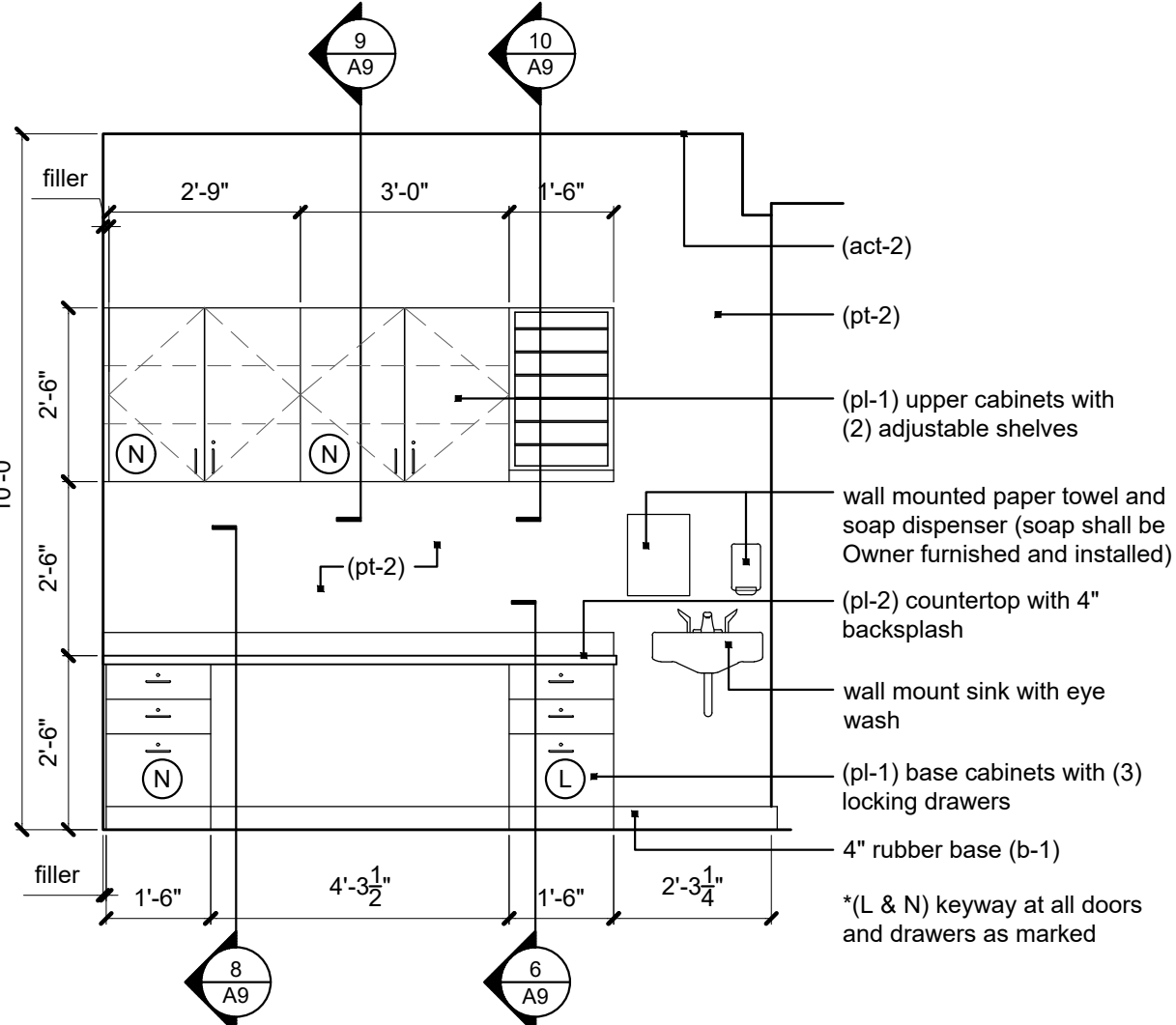


millwork keyway legend: Ⓢ

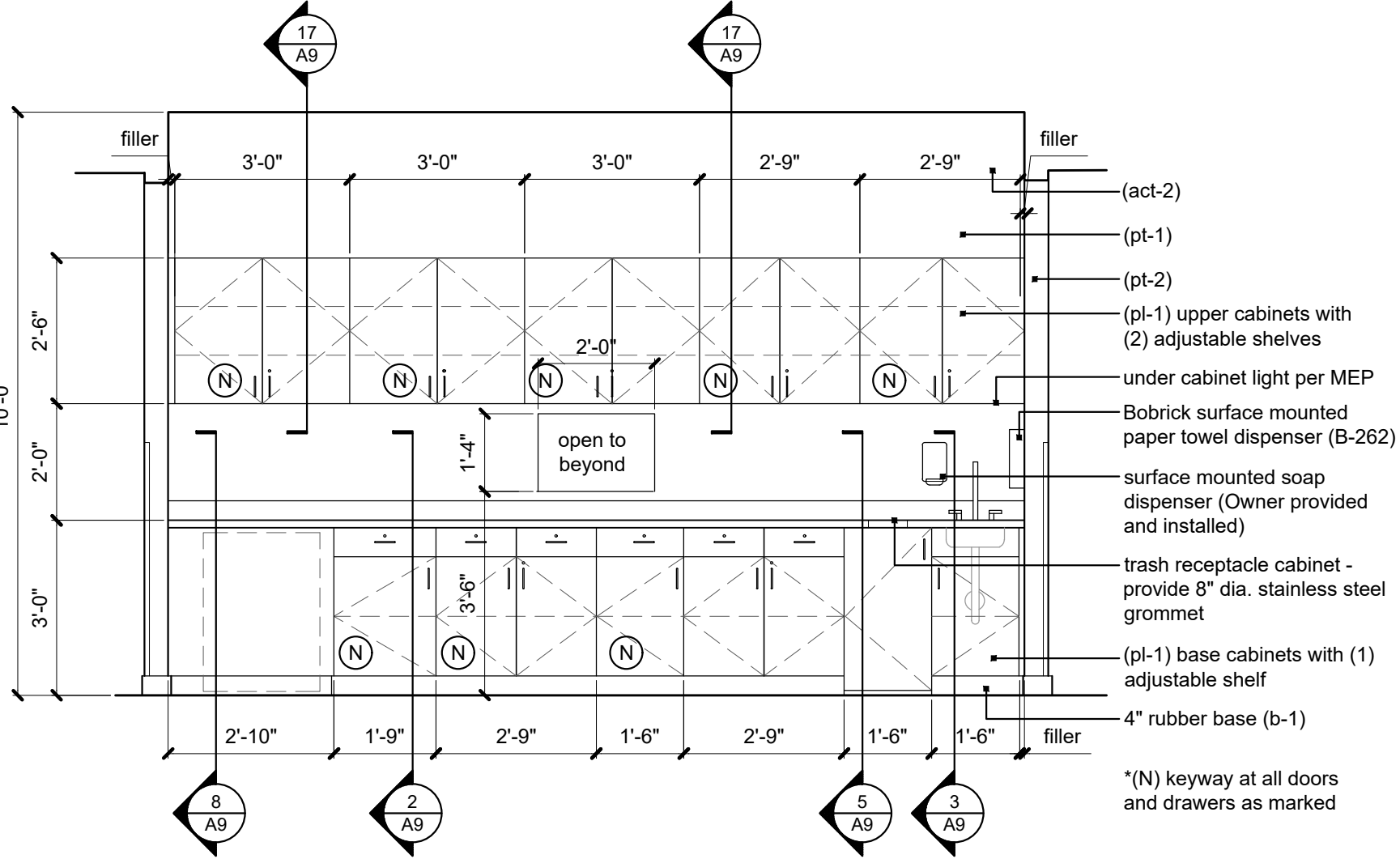
- C - cash
- D - doctor
- F - front desk
- L - lab
- N - nurse
- DS - drug test storage



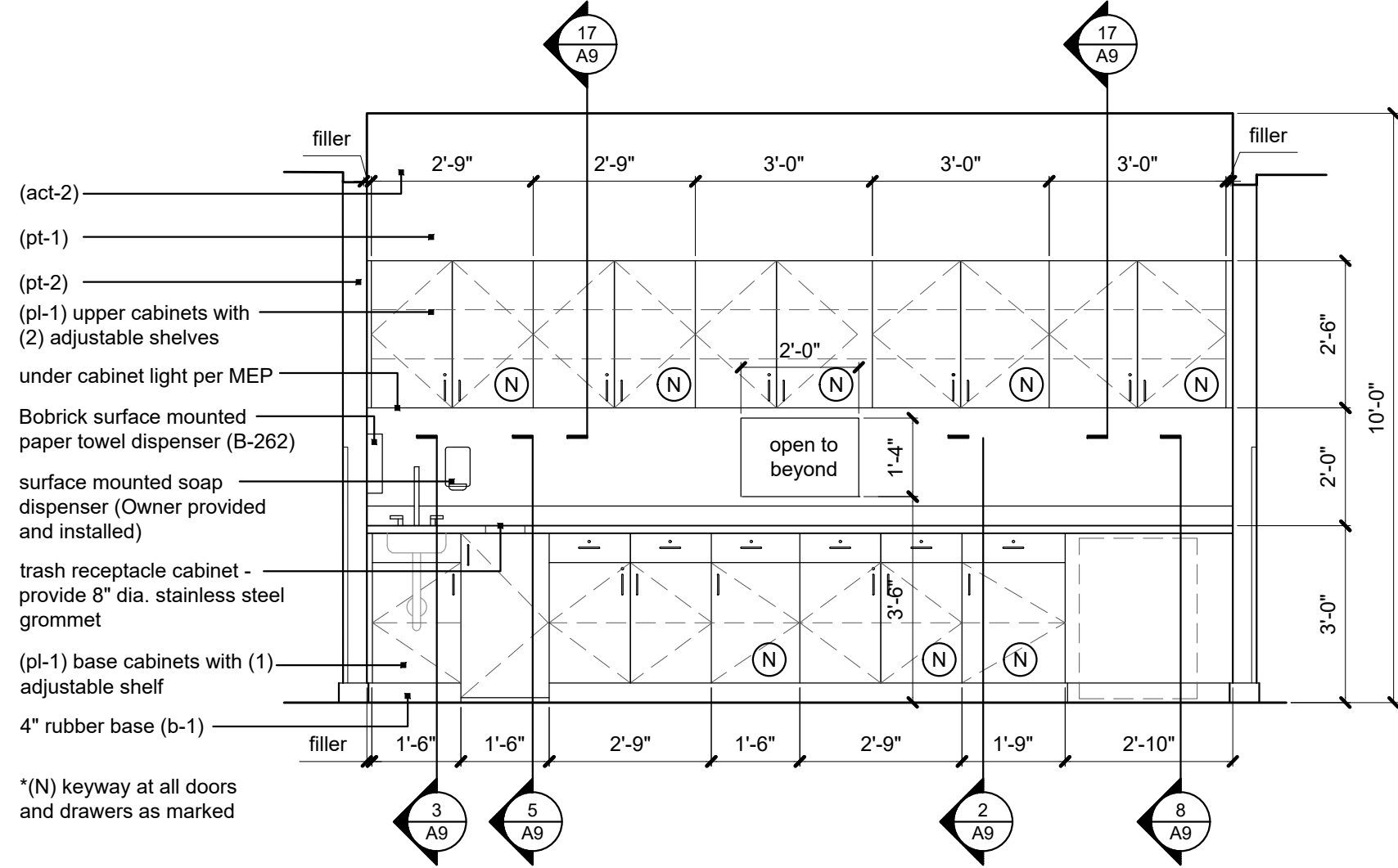
4 exam elevation (typ.)  
scale: 3/8" = 1'-0"



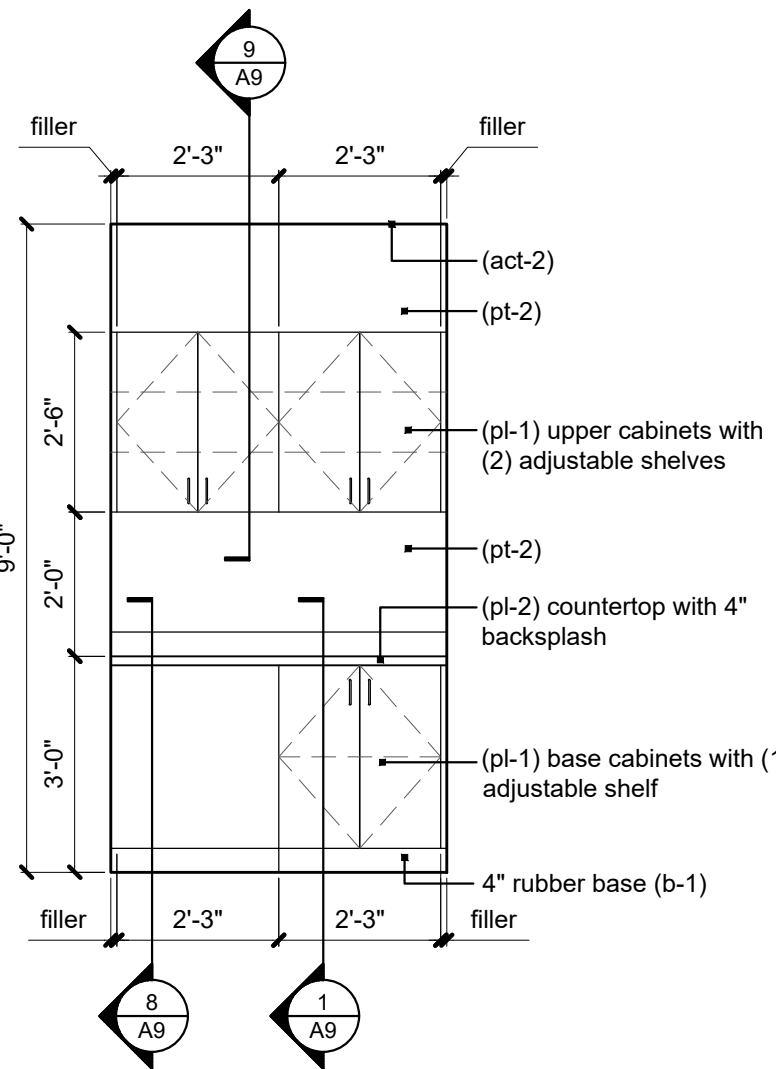
3 D.S collection elevation  
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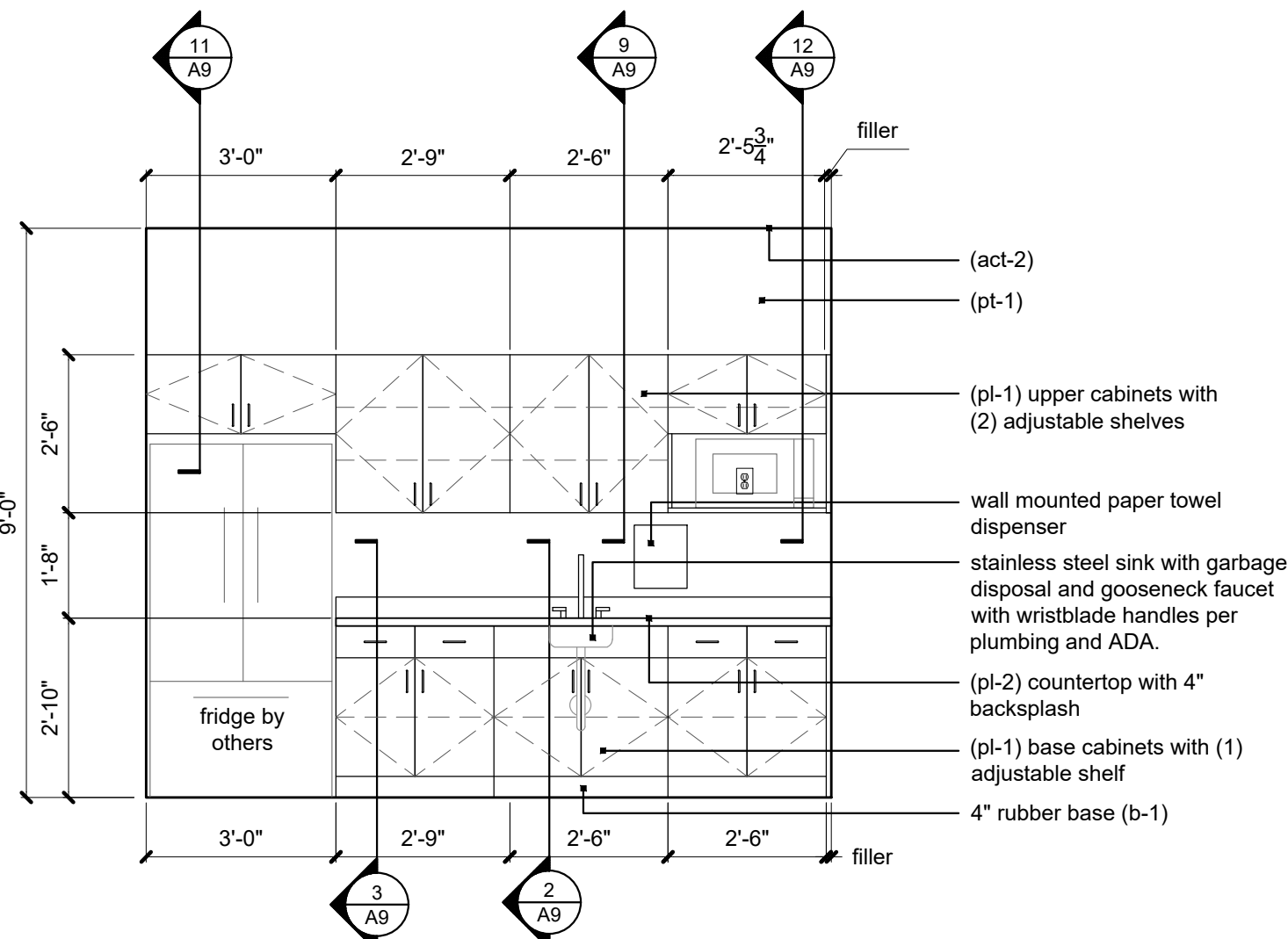
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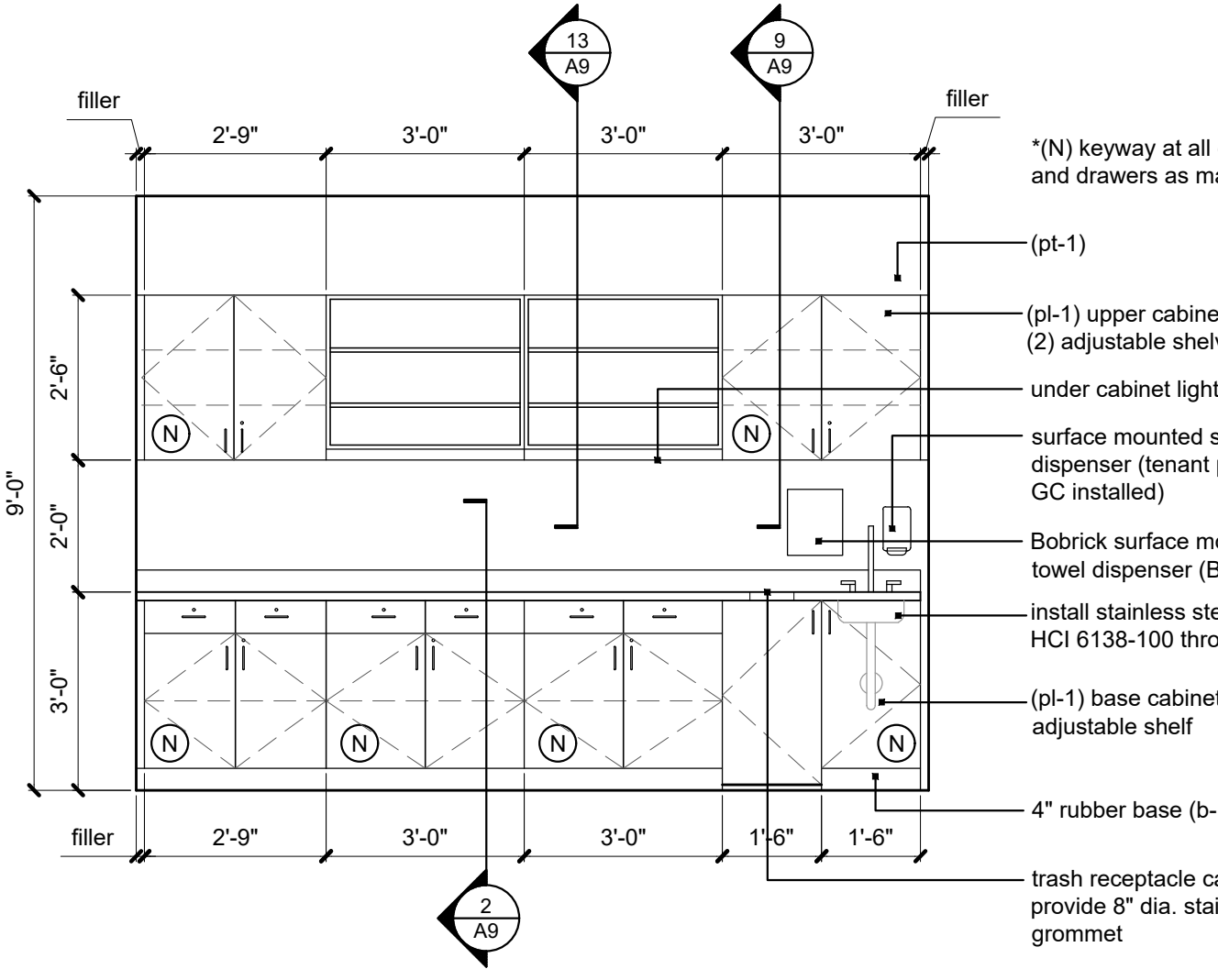
1 nurse elevation  
scale: 3/8" = 1'-0"



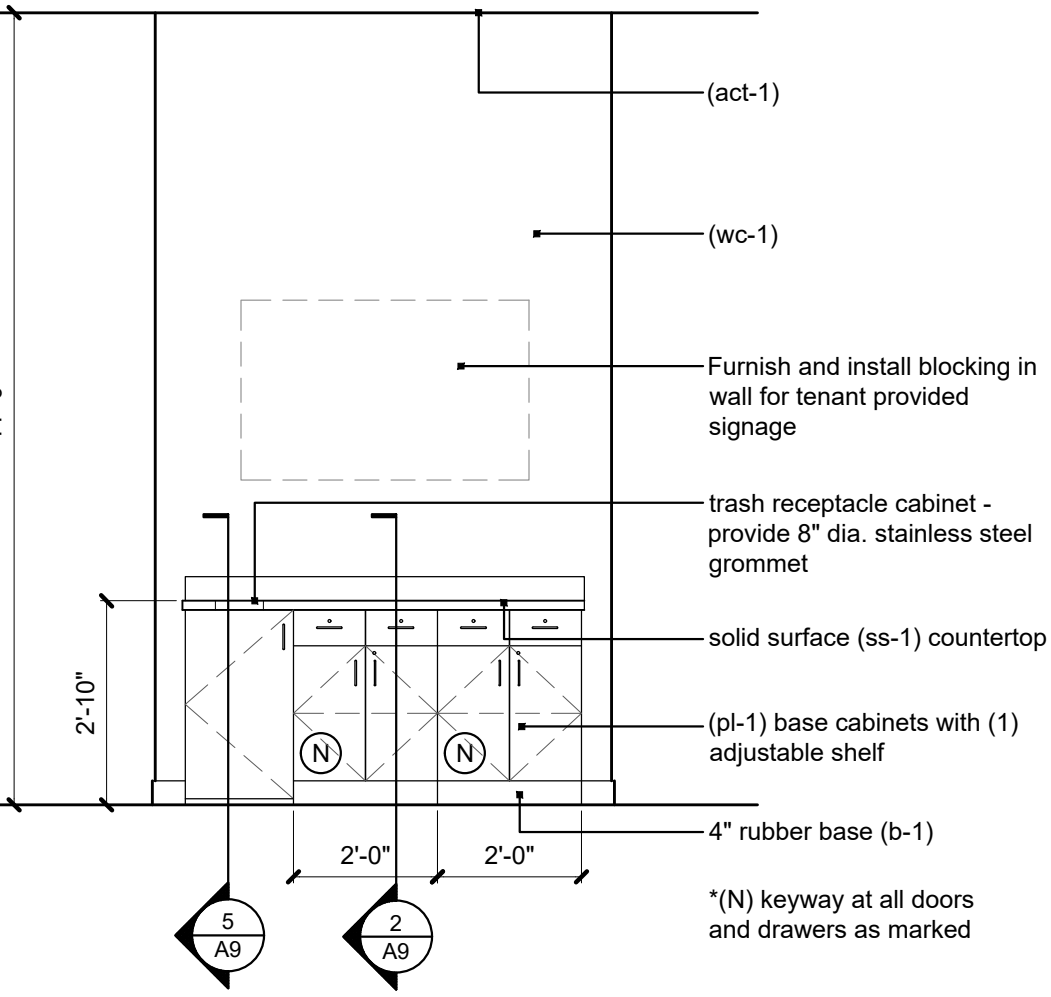
8 x-ray elevation  
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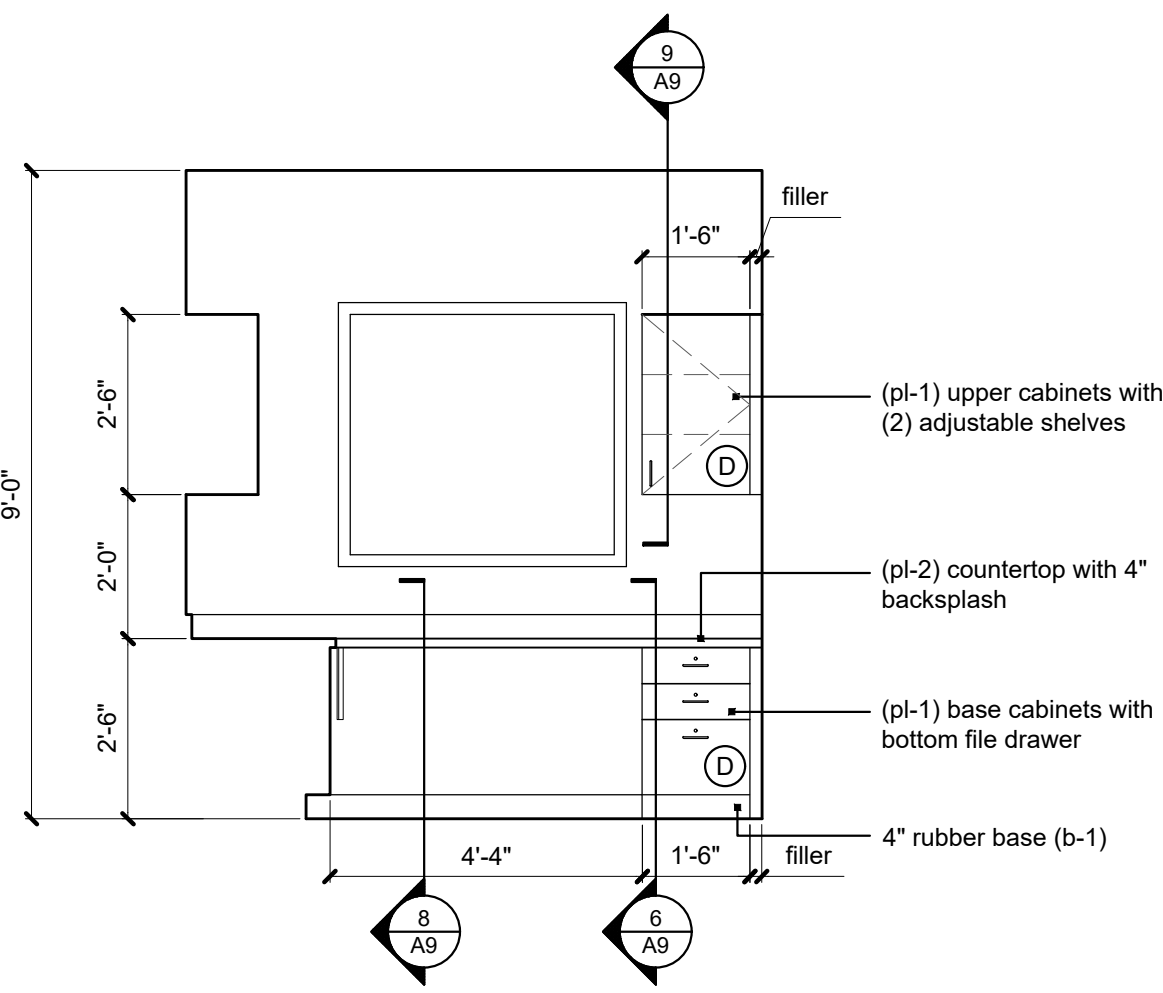
7 breakroom elevation  
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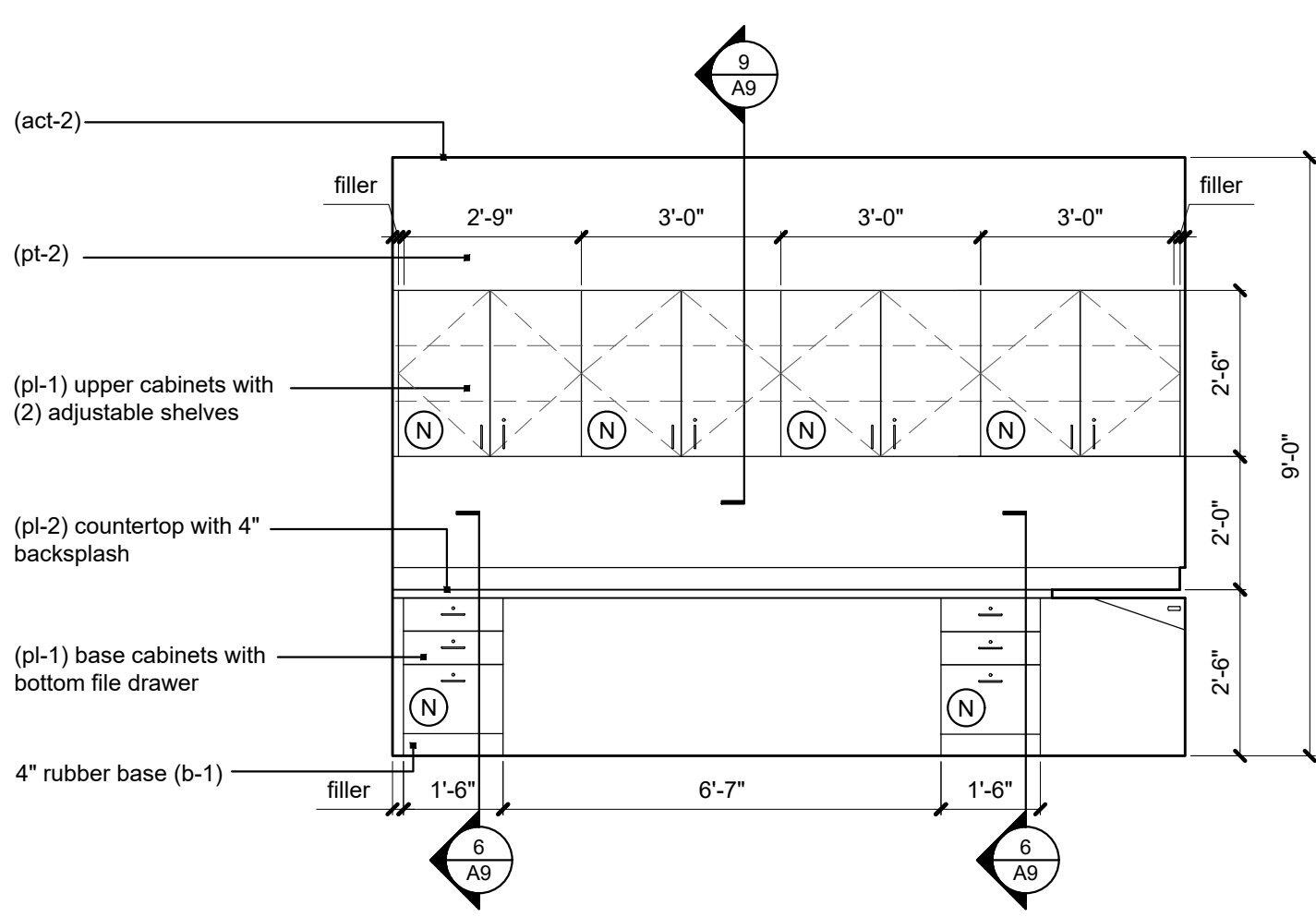
6 triage elevation  
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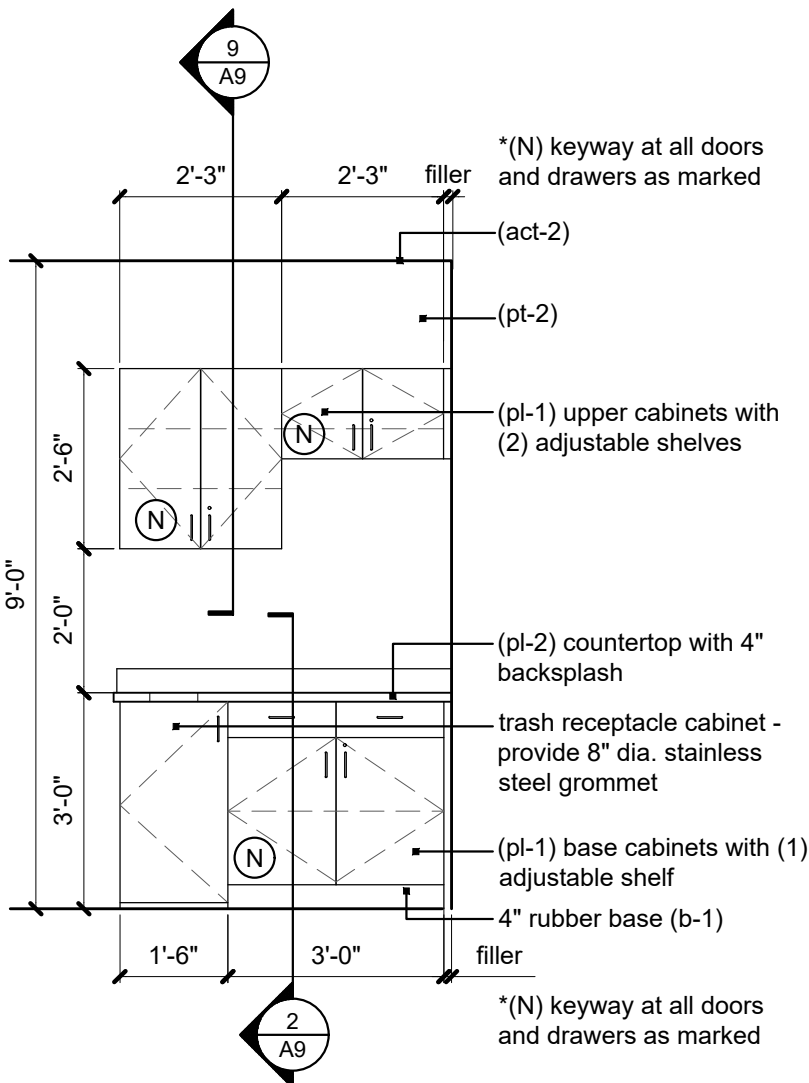
5 waiting elevation  
scale: 3/8" = 1'-0"



11 doctor's office elevation  
scale: 3/8" = 1'-0"



10 doctor's office elevation  
scale: 3/8" = 1'-0"



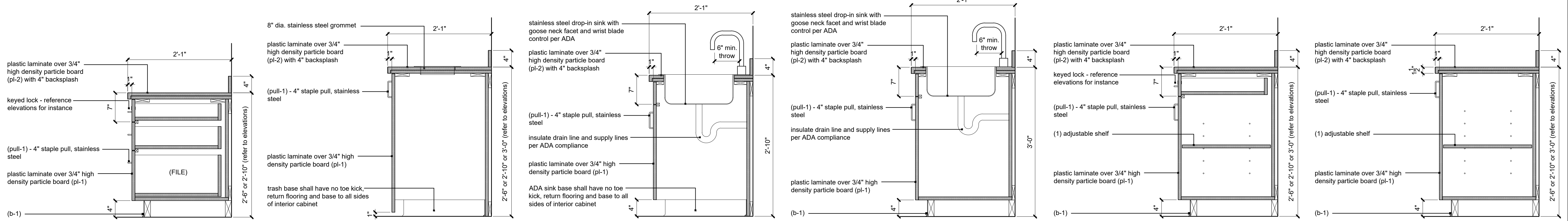
9 vitals elevation  
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A tenant finish for  
**CareNow Urgent Care**  
3509 SW Market Street  
Lee's Summit, MO 64082

date 08.19.2022  
drawn by DAE  
checked by DAE  
revisions

sheet number  
**A8**  
drawing type permit  
project number 22102





6 | base 3-drawer cabinet detail  
scale: 1" = 1'-0"

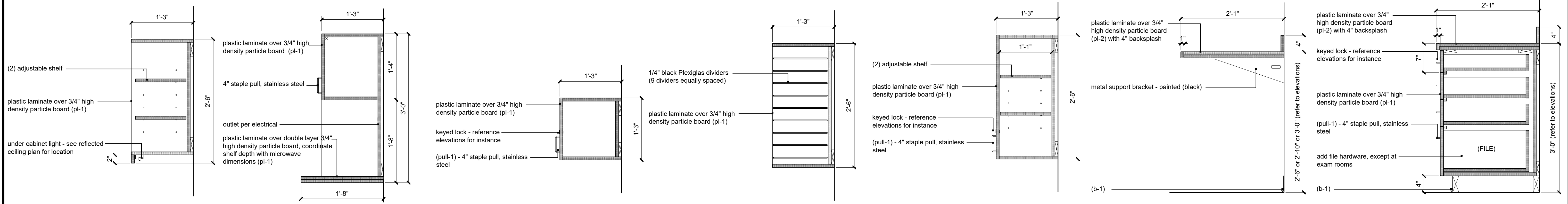
5 | base trash cabinet detail  
scale: 1" = 1'-0"

4 | base break rm. cabinet detail  
scale: 1" = 1'-0"

3 | base sink cabinet detail  
scale: 1" = 1'-0"

2 | base cabinet detail  
scale: 1" = 1'-0"

1 | base cabinet detail  
scale: 1" = 1'-0"



13 | upper open cab. detail  
scale: 1" = 1'-0"

12 | upper half cab. detail  
scale: 1" = 1'-0"

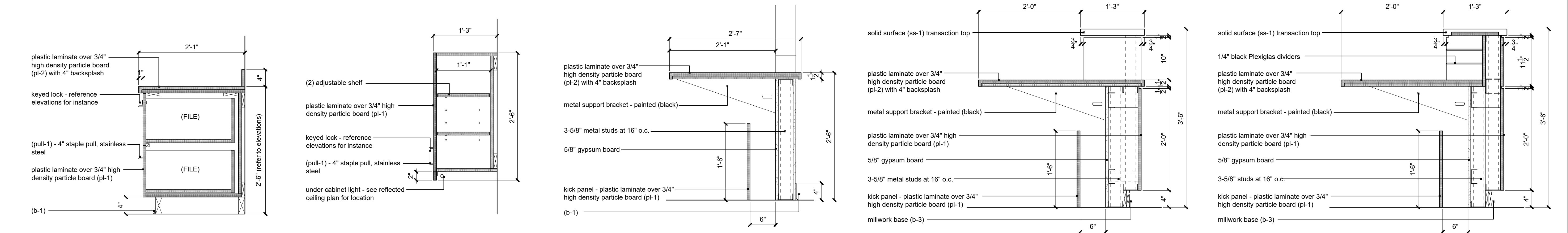
11 | upper half cab. detail  
scale: 1" = 1'-0"

10 | upper full open cab. detail  
scale: 1" = 1'-0"

9 | upper full cab. detail  
scale: 1" = 1'-0"

8 | base bracket detail  
scale: 1" = 1'-0"

7 | base 4-drawer cabinet detail  
scale: 1" = 1'-0"



18 | base 4-drawer cabinet detail  
scale: 1" = 1'-0"

17 | upper full cab. detail  
scale: 1" = 1'-0"

16 | reception desk detail  
scale: 1" = 1'-0"

15 | reception desk detail  
scale: 1" = 1'-0"

14 | reception desk detail  
scale: 1" = 1'-0"

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DAE  
revisions

sheet number

**A9**

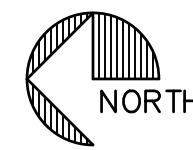
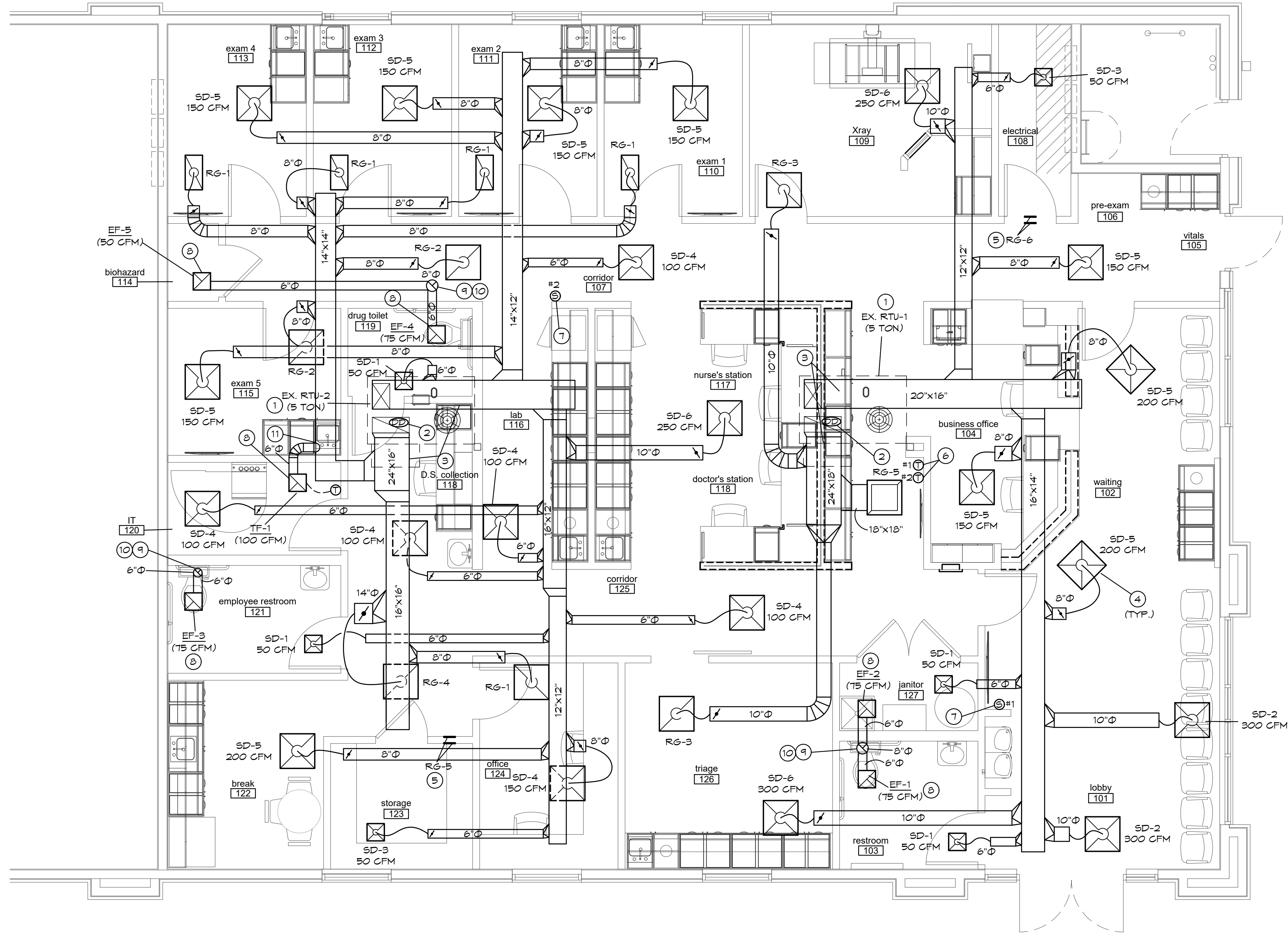
drawing type  
permit  
project number  
22102







8/19/2022



**MECHANICAL FLOOR PLAN**

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

**MECHANICAL GENERAL NOTES:**

- COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
- THIS CONTRACTOR SHALL PERFORM ALL WORK INDICATED AND/OR AS REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF THE MECHANICAL SYSTEMS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DIFFUSERS.
- INSTALL ALL DUCT, PIPE, ETC. AS HIGH AS POSSIBLE.
- DUCT SIZES SHOWN ARE ACTUAL SHEET METAL SIZES AND INCLUDE AN ALLOWANCE FOR DUCT LINER WHERE APPLICABLE.
- PROVIDE FLEXIBLE CONNECTION BETWEEN DUCTWORK AND ROOFTOP UNITS, EXHAUST FANS, AND OTHER MOTORIZED EQUIPMENT.
- NO DUCT SHALL BE ROUTED OVER THE TOP OF ELECTRICAL PANELS.
- ALL MECHANICAL SYSTEMS SHALL BE BALANCED BY A CERTIFIED BALANCING CONTRACTOR. REFER TO SPECIFICATIONS FOR DETAILS.

**MECHANICAL PLAN NOTES:**

- EXISTING SINGLE PACKAGED ROOF TOP HVAC UNIT TO REMAIN. ADJUST OUTDOOR AIR DAMPER ON UNIT AS PER OUTDOOR SCHEDULE. COORDINATE WITH LANDLORD TO PROVIDE PREVENTIVE MAINTENANCE AS SCHEDULE.
- VERIFY INSTALLATION OF DUCT MOUNTED SMOKE DETECTOR AND REMOTE AUDIO/VISUAL ENUNCIATOR. PROVIDE AND INSTALL NEW IF NONE ARE PRESENT.
- PROVIDE CONCEALED SUPPLY AND RETURN DUCTWORK & CONNECT TO EXISTING SUPPLY & RETURN DUCT DROPS. ROUTE DUCTWORK UP HIGH AND SUPPORT TO THE STRUCTURE. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH SMAGNA STANDARDS. COORDINATE INSTALLATION OF DUCTWORK WITH FIRE SPRINKLER PIPING.
- PROVIDE NEW LAY IN CEILING MOUNTED SUPPLY DIFFUSER AS DETAILED.
- PROVIDE RETURN TRANSFER GRILLE ON EACH SIDE OF WALL.
- RELOCATE & REINSTALL THERMOSTAT WHERE SHOWN ON PLAN. PROVIDE 1 DAY PROGRAMMABLE THERMOSTAT IF EXISTING THERMOSTAT IS FOUND TO BE NON PROGRAMMABLE. MOUNT THERMOSTAT 48" ABOVE THE FINISHED FLOOR.
- LOCATION OF TEMPERATURE SENSOR. MOUNT 48" ABOVE THE FINISHED FLOOR.
- PROVIDE CEILING MOUNTED EXHAUST FAN WITH INTEGRAL BACKDRAFT DAMPER. SUPPORT UNIT FROM STRUCTURE AS REQUIRED BY THE MANUFACTURER.
- ROUTE EXHAUST AIR DUCT UP THRU ROOF TO ROOF CAP WITH BACKDRAFT DAMPER AS REQUIRED. PROVIDE BIRD SCREEN FOR CAP AS REQUIRED. SEAL PENETRATION WEATHER TIGHT. ENSURE MIN. 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES.
- CUT EXISTING ROOF AND FLASH INTO ROOF AS REQUIRED. ALL ROOFING WORK SHALL BE PERFORMED BY LANDLORD'S ROOFING CONTRACTOR (AT THIS CONTRACTOR'S EXPENSE) TO MAINTAIN EXISTING ROOF WARRANTY. VERIFY APPROVED ROOFING CONTRACTOR WITH LANDLORD PRIOR TO PERFORMING WORK.
- TRANSFER AIR FAN TO CONNECT TO RETURN AIR DUCT.

A tenant finish for

**CareNow Urgent Care**

3509 SW Market Street  
Lee's Summit, MO 64082

date

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BC PROJECT #: 22576  
MISSOURI PE COA #2009003629

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MECHANICAL SYMBOLS

	NEW SUPPLY DIFFUSER
	NEW RETURN AIR GRILLE
	EXHAUST GRILLE/FAN
	THERMOSTAT, MOUNTED AT 48" AFF
	DUCT-MOUNTED SMOKE DETECTOR
	NEW DUCTWORK
	SIZE OF RECTANGULAR DUCT
	SIZE OF ROUND DUCT
	FLEXIBLE DUCTWORK
	FLEXIBLE CONNECTION TO FAN
	FLOOR PLAN NOTE DESIGNATION
	SUPPLY AIR
	RETURN AIR
	EXHAUST AIR
	TRANSITION IN DUCT SIZE
	ELBOW WITH TURNING VANES
	MANUAL VOLUME DAMPER
	MOTORIZED CONTROL DAMPER
	SUPPLY AIR DUCT UP/DOWN
	RETURN AIR DUCT UP/DOWN
	EXHAUST AIR DUCT UP/DOWN
	CHANGE IN ELEVATION UP (UP) DOWN (DN) IN DIRECTION OF FLOW
	SCHEDULED MECHANICAL EQUIPMENT

EXISTING ROOFTOP UNIT SCHEDULE (BY LANDLORD)

MARK	MFR	MODEL NO.	NOM. TONS	EVAP. CFM	EXT. STATIC P. IN. WG.	COOLING				HEATING (GAS)		ELECTRICAL				MINIMUM OUTDOOR AIR (CFM)	SEER /EER	FREON	NOTES
						TOTAL BTUH	SENS. BTUH	AMB.	EVAP. EAT DB/MB	BTUH INPUT	BTUH OUTPUT	VOLT/D/HZ	BLOWER MOTOR	MIN. MCA (AMPS)	MOCF (AMPS)				
EX. RTU-1	CARRIER	48LCD006	5	2,000	0.9	60,000	54,000	100	80/67	115	84	208/3/60	2 HP	-	-	250	14 /12.0	R-410a	1,2
EX. RTU-2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	350	↓	↓	1,2

- NOTES:
- UNIT IS EXISTING TO REMAIN. REFER TO PREVENTIVE MAINTENANCE CHECK-UP FOR ADDITIONAL INFORMATION.
  - ADJUST OUTDOOR AIR DAMPER TO PROVIDE 250 CFM OF OUTDOOR AIR FOR RTU-1 & 350 CFM OF OUTDOOR AIR FOR RTU-2.

DIFFUSER, REGISTER & GRILLE SCHEDULE

MARK	MFR	MODEL	NECK SIZE	FACE SIZE	FINISH	NOTES
SD-1	TITUS	TMS/1	6"Ø	12"X12"	WHITE	1
SD-2			10"Ø	24"X24"		1
SD-3		TMS/3	6"Ø	12"X12"		2
SD-4				24"X24"		-
SD-5			8"Ø			-
SD-6			10"Ø			-
RG-1		PAR/3	8"Ø	24"X12"		-
RG-2				24"X24"		-
RG-3			10"Ø			-
RG-4			14"Ø			-
RG-5			18"X18"			-
RG-6		350RL	10"X8"	-		-

- NOTES:
- PROVIDE WITH OPPOSED BLADE DAMPER.
  - PROVIDE WITH TRM KIT.

EXISTING ROOF TOP UNIT SHOULD HAVE A PREVENTATIVE MAINTENANCE CHECK-UP TO INCLUDE THE FOLLOWING CRITERIA

- CHANGE ALL FILTERS.
- CLEAN ALL CONDENSATE DRAIN PANS AND FLUSH ALL CONDENSATE DRAIN LINES.
- CLEAN ALL EVAPORATOR AND CONDENSER COILS WITH A NON-ACID CLEANER.
- CHECK FOR REFRIGERANT LEAKS AND REPAIR AS NECESSARY (RECHARGE SYSTEM AS NEEDED.)
- CHANGE ALL BELTS.
- GREASE ALL MOVING PARTS AND BEARING.
- CHECK DUCTWORK CONNECTIONS AND REPAIR AS NEEDED.
- CHECK ECONOMIZER OPERATION.
- ALL UNITS SHALL BE FUNCTIONING PROPERLY.
- COORDINATE WITH OWNER FOR REQUIRED REPAIR.

EXHAUST & TRANSFER FAN SCHEDULE

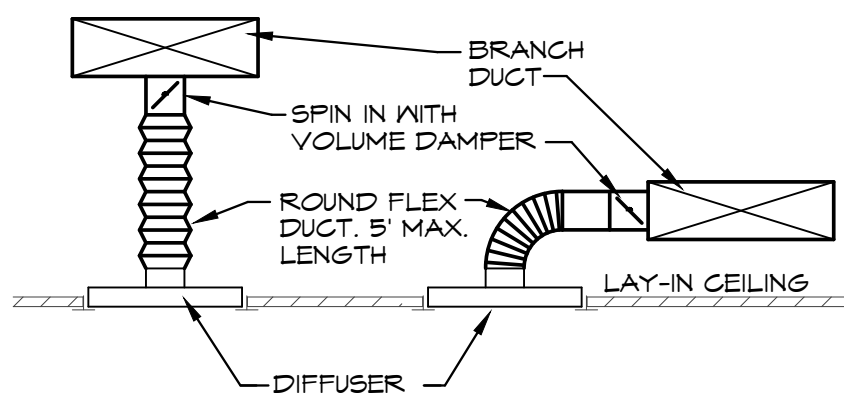
MARK	MFR	MODEL	CFM	EXTERNAL STATIC P. IN. WG.	RPM	ELECTRICAL		FAN TYPE	CONTROLS	NOTES
						VOLT/Ø/HZ	FWR			
EF-1	COOK	GC-148	75	0.3	1,075	120/1/60	48 W	CEILING FAN	LIGHT	1
EF-2									TIMER	1
EF-3									LIGHT	1
EF-4										1
EF-5		GC-128	50		750		27 W		TIMER	1
TF-1		GC-166	100		1,450		72 W		THERMOSTAT	2,3

- NOTES:
- PROVIDE CEILING GRILLE, INTEGRAL BACK DRAFT DAMPER, VARI-SPEED CONTROLLER (NEAR FAN AND ABOVE CEILING), AND WEATHER HEAD.
  - PROVIDE LINE VOLTAGE COOLING ONLY THERMOSTAT FOR CONTROL OF FAN. SET TO 80°F.
  - PROVIDE PROVIDE CEILING GRILLE AND VARI-SPEED CONTROLLER NEAR FAN ABOVE CEILING.

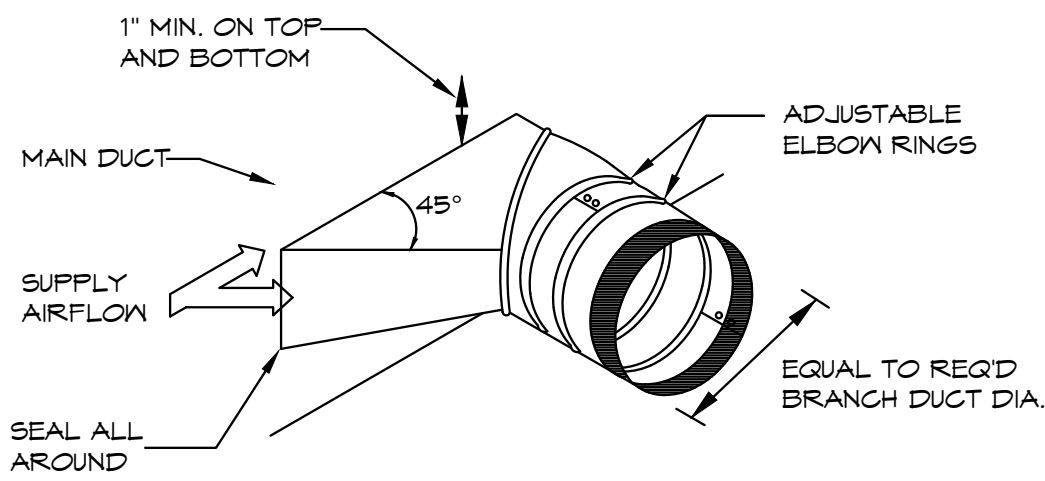
OUTDOOR AIR CALCULATIONS

UNIT	Area (sqft)	ROOM NAME / OCCUPANCY CLASSIFICATION	Occupant Density #/1000 sqft	People outdoor airflow rate in breathing zone, (Rp) cfm/person	Area outdoor airflow rate in breathing zone, (Ra) cfm/sqft	Exhaust airflow rate (Rex) cfm/sqft	Breathing zone airflow (Vbz)	Zone air distribution effectiveness (Ez)	Zone outdoor airflow (cfm)
EX. RTU-1	140	101 Lobby / Lobby	30	5	0.06		40	0.8	50
	172	102 Waiting / Lobby	30	5	0.06		36	0.8	45
	110	104 Business Office / Office	5	5	0.06		4	0.8	12
	35	105 Vitals / Medical Room	10	25	0.06		11	0.8	14
	30	106 Pre Exam / Medical Room	10	25	0		8	0.8	9
	46	108 Electrical / Storage	0	0	0.12		6	0.8	7
	155	109 Xray / Medical Room	10	25	0		34	0.8	48
	45	111 Nurse Station / Office	5	5	0.06		8	0.8	10
	45	118 Doctor Station / Office	5	5	0.06		8	0.8	10
	32	121 Janitor / Storage	0	0	0.12		4	0.8	5
									Total 210
	220	107 Corridor / Corridor	0	0	0.06		13	0.8	17
EX. RTU-2	88	110 Exam / Medical Room	10	25	0		22	0.8	28
	88	111 Exam / Medical Room	10	25	0		22	0.8	28
	88	112 Exam / Medical Room	10	25	0		22	0.8	28
	88	113 Exam / Medical Room	10	25	0		22	0.8	28
	88	115 Exam / Medical Room	10	25	0		21	0.8	27
	40	116 Lab / Medical Room	10	25	0.06		28	0.8	35
	45	118 DS Collection / Medical Room	10	25	0.06		24	0.8	31
	54	120 IT / Storage	0	0	0.12		6	0.8	8
	48	122 Break Room / Break Room	25	5	0.06		18	0.8	23
	60	123 Storage / Storage	0	0	0.12		7	0.8	9
	46	124 Office / Storage	5	5	0.06		8	0.8	10
	220	125 Corridor / Corridor	0	0	0.06		13	0.8	17
	144	126 Triage / Medical Room	10	25	0		36	0.8	45
									Total 336

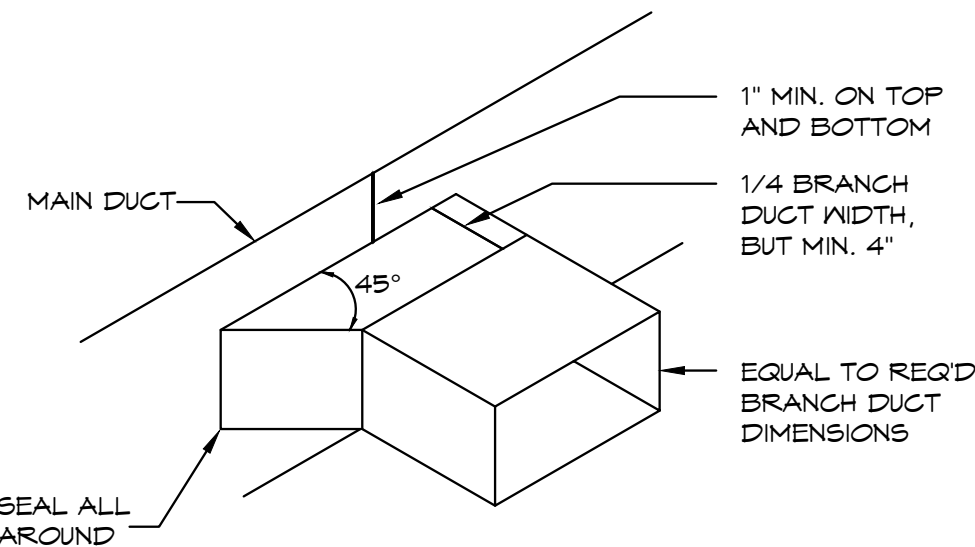
- NOTES:
- PROVIDE 250 CFM OF OUTDOOR AIR FOR RTU-1 & 350 CFM OF OUTDOOR AIR FOR RTU-2



DIFFUSER DETAIL  
SCALE: NONE



BRANCH DUCT TAKEOFF DETAIL  
SCALE: NONE



BRANCH DUCT TAKEOFF DETAIL  
SCALE: NONE

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PLUMBING GENERAL NOTES:

1. INSTALL ALL PIPE, ETC. AS HIGH AS POSSIBLE.
2. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES.
4. SANCUT EXISTING FLOOR AS REQUIRED FOR INSTALLATION OF UNDERFLOOR PIPING. PATCH FLOOR TO MATCH EXISTING.
5. NO PIPING SHALL BE ROUTED OVER THE TOP OF ELECTRICAL PANELS.
6. CONTRACTOR TO TEST WATER PRESSURE ON SITE AND PROVIDE PRESSURE REDUCING VALVE ON WATER SERVICE IF PRESSURE IS OVER 80 PSI.

PLUMBING PLAN NOTES:

1. CONNECT SANITARY LINE TO EXISTING SANITARY LINE. FIELD VERIFY EXACT LOCATION, ELEVATION AND DIRECTION OF FLOW OF EXISTING SANITARY LINE PRIOR TO INSTALLATION OF ANY NEW PIPING.
2. LOCATION OF 4" VTR. VERIFY MINIMUM 10' FT. CLEARANCE FROM ANY FRESH IN TAKE.
3. ROUTE WATER HEATER T&P DRAIN TO FLOOR DRAIN AND TERMINATE WITH AIR GAP.
4. CUT EXISTING ROOF AND FLASH INTO ROOF AS REQUIRED. ALL ROOFING WORK SHALL BE PERFORMED BY BUILDING OWNER'S ROOFING CONTRACTOR (AT THIS CONTRACTOR'S EXPENSE) TO MAINTAIN EXISTING ROOF WARRANTY. VERIFY APPROVED ROOFING CONTRACTOR WITH BUILDING OWNER PRIOR TO PERFORMING WORK.

PLUMBING FIXTURE BRANCH PIPING SCHEDULE

FIXTURE	WASTE	VENT	GW	HV
WATER CLOSET (TANK TYPE)	3"	2"	1/2"	--
LAVATORY	1-1/4"	1-1/4"	1/2"	1/2"
SINK	1-1/2"	1-1/2"	1/2"	1/2"
FLOOR DRAIN	2"	2"	--	--
MOP BASIN	2"	2"	3/4"	3/4"
ELECTRIC WATER COOLER	1-1/2"	1-1/2"	1/2"	--

NOTE: INDIVIDUAL VENTS FOR FIXTURES ON PLANS AND RISER DIAGRAMS HAVE BEEN INCREASED WHERE HORIZONTAL VENT LENGTH IS IN EXCESS OF THE MAXIMUM DISTANCE INDICATED BY THE CODE.

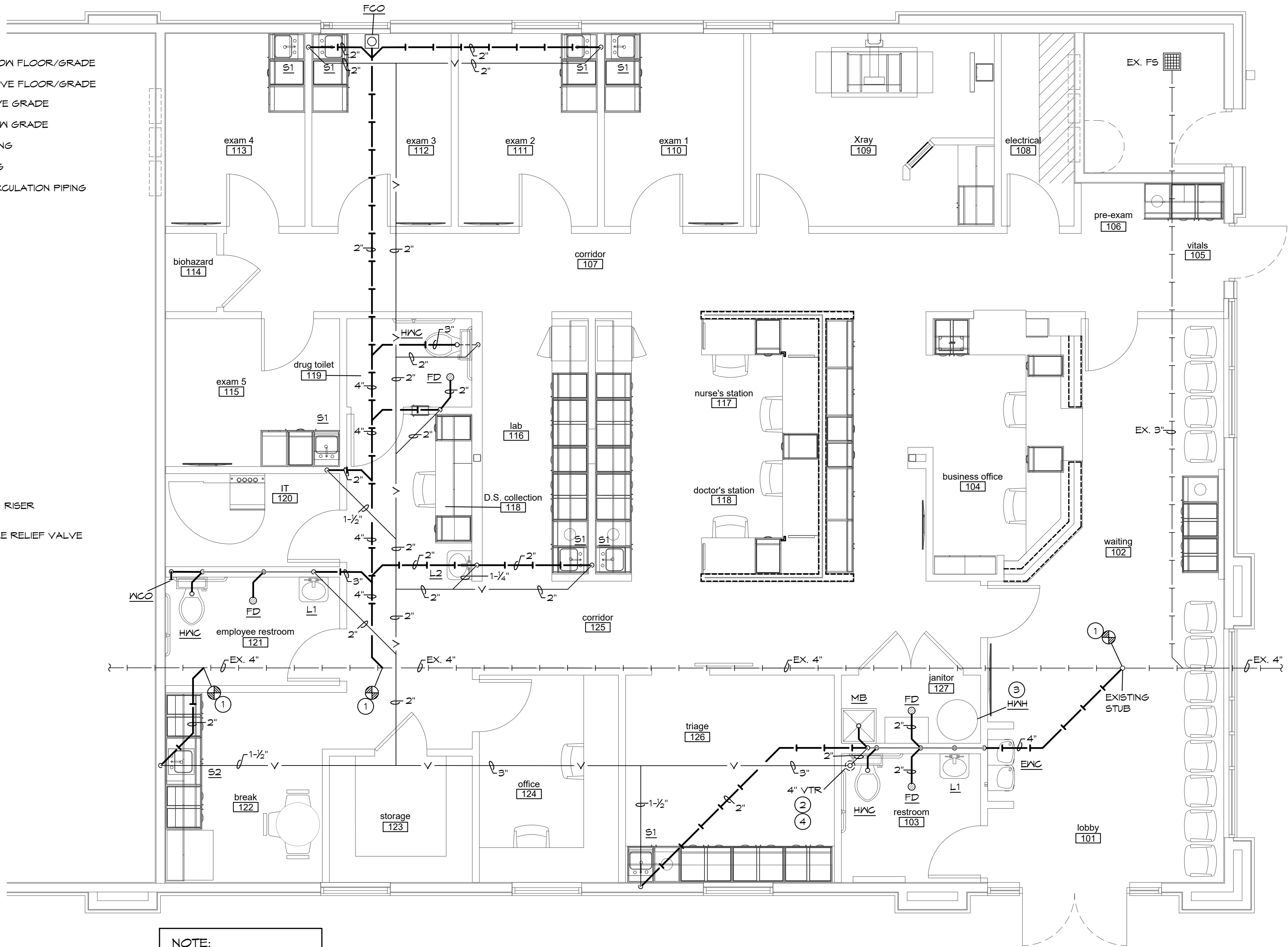
PLUMBING DRAINAGE CALCULATIONS

FIXTURE	QUANTITY	FU	TOTAL FU
WATER CLOSET	3	4	12
LAVATORY	3	1	3
SINK- MEDICAL	6	1	6
SINK- BREAK ROOM	1	2	2
FLOOR DRAIN	4	2	8
MOP SINK	1	2	2
TOTAL			33 FU

VENT MAINS - 4"  
WASTE MAIN - 4"

PLUMBING SYMBOLS

- SOIL AND WASTE PIPING BELOW FLOOR/GRADE
- SOIL AND WASTE PIPING ABOVE FLOOR/GRADE
- SANITARY VENT PIPING ABOVE GRADE
- SANITARY VENT PIPING BELOW GRADE
- DOMESTIC COLD WATER PIPING
- DOMESTIC HOT WATER PIPING
- DOMESTIC HOT WATER RECIRCULATION PIPING
- EQUIPMENT DRAIN LINE
- PIPING TURNING DOWN
- PIPING TURNING UP
- TEE TOP CONNECTION
- UNION
- BACKFLOW PREVENTER
- FLOOR DRAIN
- FLOOR CLEAN OUT
- WALL CLEAN OUT
- VALVE
- BALANCING VALVE
- CHECK VALVE
- CONNECT TO EXISTING
- I.E. INVERT ELEVATION OF PIPE
- MATCH MARKS ON PLUMBING RISER DIAGRAM
- TEMPERATURE AND PRESSURE RELIEF VALVE



NOTE:  
REFER TO SANITARY WASTE  
AND VENT RISER DIAGRAM  
FOR ALL BRANCH PIPE  
SIZES.



WASTE & VENT PLAN  
SCALE: 1/4" = 1'-0"

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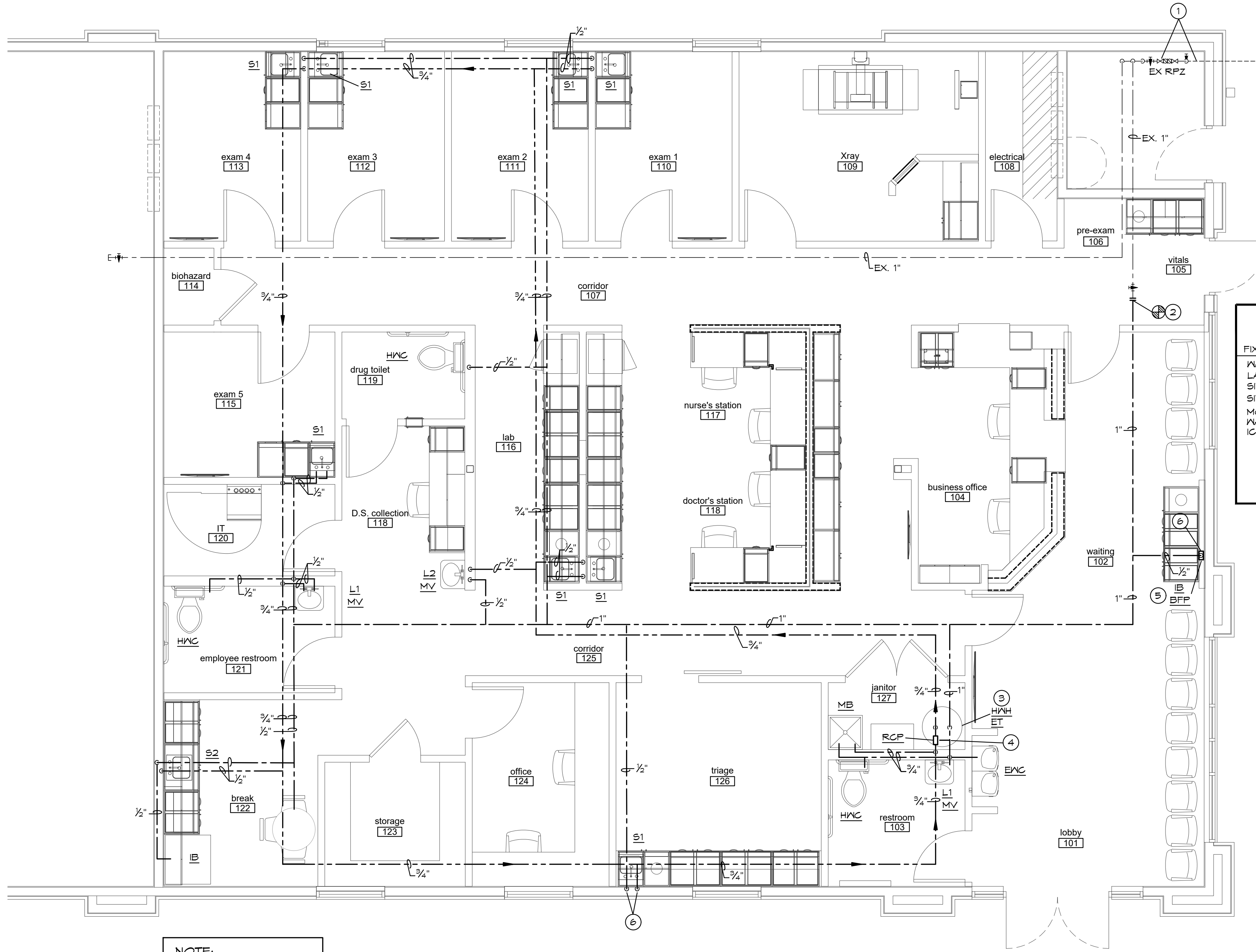
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NOTE:  
REFER TO DOMESTIC  
WATER RISER DIAGRAM  
FOR ALL BRANCH PIPE  
SIZES.

**DOMESTIC WATER & GAS FLOOR**  
SCALE: 1/4" = 1'-0"  
NORTH

**PLUMBING PLAN NOTES:**

- 1 DOMESTIC WATER LINE WITH SHUT OFF VALVE AND REDUCED PRESSURE ZONE BACKFLOW PREVENTOR INSIDE OF THE BUILDING EXISTING TO REMAIN. FIELD VERIFY ALL EXISTING CONDITION PRIOR TO BEGINNING OF NEW WORK.
- 2 CONNECT DOMESTIC WATER LINE TO EXISTING DOMESTIC WATER LINE.
- 3 INSTALL ELECTRIC WATER HEATER ON STAND MOUNTED A MIN. OF 12" AFF. MAKE HOT AND COLD WATER PIPING CONNECTIONS THROUGH DIELECTRIC UNIONS. PROVIDE AND INSTALL ALL HARDWARE AND APPURTENANCES FOR COMPLETE INSTALLATION PER APPLICABLE CODES AND MANUFACTURER'S RECOMMENDATIONS. PROVIDE THERMAL EXPANSION TANK.
- 4 CONNECT HOT WATER RECIRC. PIPING BACK TO WATER HEATER AS REQUIRED. REFER TO RISER DIAGRAM FOR MORE INFORMATION.
- 5 PROVIDE DOMESTIC WATER CONNECTION TO ICE MAKER BOX FOR COFFEE MACHINE. PROVIDE DUAL CHECK BACK FLOW PREVENTOR. ROUTE WATER PIPING DOWN THROUGH THE WALL, LOCATE INSIDE OF CABINET.
- 6 ROUTE PIPING ON INTERIOR SIDE OF INSULATION FOR FREEZE PROTECTION.

**PLUMBING FIXTURE WATER COUNT**

FIXTURE	QUANTITY	CW FU	CW TOTAL FU	HW FU	HW TOTAL FU	COMBINED FU	COMBINED TOTAL FU
WATER CLOSET	3	5	15	0	0	5	15
LAVATORY	3	1.5	4.5	1.5	4.5	2	6
SINK- MEDICAL	6	1.5	9	1.5	9	3	12
SINK- BREAK ROOM	1	2.25	2.25	2.25	2.25	3	3
MOP SINK	1	2.25	2.25	2.25	2.25	3	3
WATER COOLER	1	0.25	0.25	0	0	0.25	0.25
ICE BOX	2	0.25	0.5	0	0	0.25	0.5
			33.75 FU		18 FU		34.75 FU

COLD WATER MAIN - 1"  
HOT WATER MAIN - 3/4"

**PIPE HANGER SCHEDULE**

PIPE MATERIAL	MAXIMUM HANGER SPACING	HANGER ROD DIAMETER
ABS (All sizes)	4'	3/8"
PVC (All Sizes)	4'	3/8"
CPVC, 1 inch and smaller	3'	1/2"
CPVC, 1-1/4 inches and larger	4'	1/2"
Cast Iron (All Sizes)	5'	5/8"
Cast Iron (All Sizes) with 10 foot length of pipe	10'	5/8"
Copper Tube, 1-1/4 inches and smaller	6'	1/2"
Copper Tube, 1-1/2 inches and larger	10'	1/2"
Steel, 3 inches and smaller	12'	1/2"
Steel, 4 inches and larger	12'	5/8"
Pex, 1" and below without support channel	32"	3/8"
Pex, 1-1/4" and above without support channel	48"	3/8"
Pex 3/4" and below with support channel	6'	3/8"
Pex 1" and above with support channel	8'	3/8"

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ELECTRICAL SPECIFICATIONS

1. GENERAL PROVISIONS:
- A. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, NECESSARY FOR THE COMPLETE INSTALLATION OF THE ELECTRICAL SYSTEMS OUTLINED.
- B. OBTAIN ALL PERMITS, FEES, LICENSES, INSPECTIONS, AND CERTIFICATES OF COMPLIANCE OR APPROVAL AS REQUIRED BY THE AUTHORITIES.
- C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE NATIONAL ELECTRIC CODE (NEC), AND ALL APPLICABLE LAWS, CODES AND REGULATIONS OF THE GOVERNMENTAL BODIES HAVING JURISDICTION OVER THE SITE.
- D. ALL TESTING REQUIRED BY AUTHORITIES SHALL BE CONSIDERED PART OF THIS WORK.
- E. DURING CONSTRUCTION, ALL FIXTURES, EQUIPMENT, CONDUIT, ETC. SHALL BE COVERED, PLUGGED, OR CAPPED AS REQUIRED TO KEEP CLEAN AND UNDAMAGED. ALL DAMAGED ITEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR REPLACED. ALL PROTECTIVE COVERINGS SHALL BE REMOVED BEFORE FINAL ACCEPTANCE.
- F. PROVIDE ALL NECESSARY CUTTING AND PATCHING OF WALLS, FLOORS, CEILINGS, AND ROOFS AS NECESSARY. PATCH AROUND ALL OPENINGS SHALL MATCH ADJACENT AREA. COORDINATE ALL ROOFING WORK WITH OWNER OR RESPONSIBLE PARTY, SO THAT THE EXISTING ROOFING WARRANTY WILL BE MAINTAINED.
- G. CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.
- H. CONTRACTOR SHALL PROVIDE ACCESS PANELS WHERE NECESSARY FOR CONCEALED ELECTRICAL COMPONENTS.
- I. CONTRACTOR SHALL PROMPTLY CALL ENGINEERS ATTENTION TO ANY APPARENT CONTRADICTIONS, AMBIGUITIES, ERRORS, DISCREPANCIES, OR OMISSIONS IN THE PLANS OR SPECIFICATIONS.
2. OPERATION AND MAINTENANCE MANUALS:
- A. DURING THE COURSE OF CONSTRUCTION, COLLECT AND COMPILE OPERATING INSTRUCTIONS, WIRING DIAGRAMS, CATALOGS, CUTS, LUBRICATION AND PREVENTIVE MAINTENANCE INSTRUCTIONS, PARTS LISTS, ETC. FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- B. ALL LITERATURE AND INSTRUCTIONS SHIPPED WITH THE EQUIPMENT SHALL BE SAVED FOR INCLUSION IN THE OPERATION AND MAINTENANCE MANUALS.
- C. ALL LITERATURE LISTED ABOVE AND ALL PAPERS LISTING WARRANTIES, ETC. SHALL BE COLLATED AND LABELED WITH THE PROJECT NAME, ADDRESS, ARCHITECT, ENGINEER, CONTRACTORS, ETC. CONTRACTORS, ETC. DOCUMENTS SHALL BE COMPILED AND BOUND IN DIGITAL FILE OR 3 RING BINDER.
3. MANUFACTURERS:
- A. MANUFACTURERS, MODEL NUMBERS, ETC. INDICATED OR SCHEDULED ON THE DRAWINGS SHALL BE INTERPRETED AS HAVING ESTABLISHED A STANDARD OF QUALITY AND SHALL NOT BE CONSIDERED AS LIMITING COMPETITION. ARTICLES, FIXTURES, ETC. OF EQUAL QUALITY BY MANUFACTURERS SHALL BE ACCEPTABLE, SUBJECT TO STRUCTURAL AND ELECTRICAL CONSTRAINTS OF THE PROJECT DESIGN, UNLESS NOTED OTHERWISE.
4. TESTING, AND BALANCING:
- A. ALL CIRCUITS SHALL BE TESTED FOR CONTINUITY, SHORTS, AND GROUNDS BEFORE CONNECTING TO THE PROPER PHASE AS DESIGNED TO BALANCE THE LOADING BETWEEN PHASES.
- B. POWER AND LIGHTING PANELS SHALL BE PROPERLY PHASED TO DISTRIBUTE THE LOAD AND SHALL BE CONNECTED AND ADJUSTED TO OPERATE AS SPECIFIED.
- C. ALL MOTORS AND SIMILAR EQUIPMENT SHALL BE CHECKED FOR PROPER PHASE ROTATION AND OPERATION.
5. RACEWAYS:
- A. CONDUIT INSIDE THE BUILDING SHALL BE METALLIC TUBING (EMT), BEARING THE UL LABEL, WITH COMPRESSION TYPE FITTINGS OR SCREW SET FITTINGS.
- B. CONDUIT EXPOSED TO THE WEATHER, INSTALLED UNDERGROUND, IN CONCRETE, OR USED FOR SERVICE ENTRANCE SHALL BE STANDARD RIGID CONDUIT (GALVANIZED) WITH THREADED FITTINGS.
- C. UNDERGROUND CONDUIT MAY BE POLY-VINYL CHLORIDE WITH A DEFLECTION TEMPERATURE, UNDER LOAD AT 264 PSI, OF 18 DEGREES C, AND A TENSILE STRENGTH OF 5,200 PSI. JOINTS SHALL BE FLUSH SOLVENT WELDED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. CONDUIT SHALL BE EQUAL TO CARLON POWER AND COMMUNICATIONS DUCT TYPE DB (DIRECT BURIAL). CONDUIT AND FITTINGS SHALL BE PROVIDED BY THE SAME MANUFACTURER.
- D. FLEXIBLE METAL CONDUIT SHALL ONLY BE USED FOR CONNECTIONS TO MOTORS, TRANSFORMERS, AND LIGHT FIXTURES. MAXIMUM LENGTH SHALL BE 6'-0".
6. CONDUCTORS:
- A. WIRES SHALL BE CONTINUOUS WITHOUT SPLICES OR TAPS IN CONDUIT RUNS. ALL SPLICES SHALL BE MADE IN JUNCTION, HULL, OR OUTLET BOXES. ALL WIRE SHALL BE INSTALLED IN CONDUIT, WIREWAYS, OR OTHER PROTECTIVE COVER SANCTIONED BY CODES.
- B. CONDUCTORS FOR LIGHTING AND POWER SHALL BE COPPER, MINIMUM NO. 12 AWG, 600 VOLT.
- C. NO. 10 GAUGE AND SMALLER CONDUCTORS SHALL BE TYPE THWN (NET LOCATIONS) OR THHN (DRY LOCATIONS), SOLID CONDUCTOR, UNLESS OTHERWISE INDICATED.
- D. NO. 8 GAUGE AND LARGER CONDUCTORS SHALL BE TYPE THWN (NET LOCATIONS) OR THHN (DRY LOCATIONS), STRANDED, UNLESS OTHERWISE INDICATED.
- E. SERVICE ENTRANCE AND PANEL FEEDER CONDUCTORS, NO. 3 GAUGE AND LARGER SHALL BE TYPE XHHW-2 (NET LOCATIONS) OR THHN (DRY LOCATIONS), STRANDED COPPER, UNLESS OTHERWISE INDICATED.
7. AC CABLE:
- A. AC CABLE OR EQUAL SHALL BE SUITABLE FOR INSTALLATION IN CONCEALED AREAS SUCH AS ABOVE CEILINGS AND INSIDE WALL CONSTRUCTION. ALL EXPOSED RACEWAY SHALL BE CONDUIT AS SPECIFIED FOR RACEWAYS.
- B. AC CABLE SHALL CONSIST OF INTERLOCKED ARMORED CABLE MADE OF THREE OR FOUR TYPE THHN SOLID COPPER CONDUCTORS INSULATED WITH HEAT AND MOISTURE RESISTANT POLY(VINYL CHLORIDE (PVC), WITH NYLON OR EQUIVALENT UL LISTED JACKET, PER UL STANDARD 89. THE THREE CONDUCTORS SHALL BE TWISTED TOGETHER WITH THE COPPER GROUNDING CONDUCTOR, SUITABLE FILLERS, AND WRAPPED IN BINDER TAPE. THE ASSEMBLY SHALL BE ARMORED WITH SPIRALLY WRAPPED INTERLOCKED ARMOR OR ALUMINUM OR GALVANIZED STEEL.
- 1) THE INTERLOCKED ARMOR SHALL BE FORMED FROM STRIPS OF ALUMINUM ALLOY OR GALVANIZED STEEL INTERLOCKED WITH EACH OTHER AND FORM A ROUND FLEXIBLE TUBE.
- 2) CABLES SHALL BE TESTED IN ACCORDANCE WITH UL STANDARD 147H AND 1581 FOR TYPE AC CABLE AND RATED AT 600 VOLTS, 90 DEGREES C FOR DRY LOCATIONS AND 75 DEGREES C FOR NET LOCATIONS.
- C. AC CABLE INSTALLED IN PATIENT CARE AREAS SHALL BE "HCF" TYPE WITH #16 ANG INTEGRAL BOND WIRE.
- 1) CABLES SHALL MEET ALL NEC REQUIREMENTS FOR ARTICLE 517 AND SHALL BE UL LISTED FOR USE IN HEALTH CARE FACILITIES.
8. WIRING DEVICES:
- A. WALL SWITCHES SHALL BE SPECIFICATION GRADE, QUIET TYPE, FLUSH TOSSEL SWITCH, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVER PLATES.
- 1) SINGLE POLE: HUBBELL K2S1221-X, OR EQUAL.
- 2) THREE WAY: HUBBELL K2S1223-X, OR EQUAL.
- B. RECEPTACLES SHALL BE SPECIFICATION GRADE, DUPLEX, GROUNDING, THREE-WIRE TYPE, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVER PLATES. HUBBELL K2S3552-X, OR EQUAL.
- C. GROUND FAULT INTERRUPTER RECEPTACLES (GFI) SHALL BE HUBBELL K2F20-XL. DEVICE COVER PLATES SHALL BE AS HEREINBEFORE SPECIFIED.
- D. ISOLATED GROUND RECEPTACLES (IG) SHALL BE HUBBELL K2R3552IG, ORANGE COLOR. DEVICE COVER PLATES SHALL BE AS HEREINBEFORE SPECIFIED.
- E. RECEPTACLES OUTSIDE BUILDING AND WHERE NOTED AS WEATHERPROOF, SHALL BE AS HEREINBEFORE SPECIFIED EXCEPT SHALL BE INSTALLED IN A WEATHERPROOF ENCLOSURE WHICH SHALL BE INTERVATIC #W1010MG OR #W1010HMG DIECAST METAL WEATHERPROOF RECEPTACLE COVER. COVER SHALL BE WEATHER PROOF RATED WHILE IN USE.
- F. DUPLEX RECEPTACLES IN PATIENT CARE AREAS SHALL BE HOSPITAL GRADE, GROUNDING, THREE WIRE TYPE, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVERPLATES. HUBBELL #HBL3300HX, OR EQUAL.
- G. ALL DUPLEX RECEPTACLES CONNECTED TO EMERGENCY PANEL SHALL BE HOSPITAL GRADE HUBBELL #HBL3300HX WITH RED THERMOPLASTIC COVERPLATES. COVERPLATES SHALL ALSO HAVE PANEL DESIGNATION AND CIRCUIT NUMBER ENGRAVED.
- H. VERIFY DEVICES AND DEVICE COVERPLATES COLOR WITH ARCHITECT.
9. BOXES:
- A. HOT DIPPED GALVANIZED STEEL BOXES. PROVIDE TYPE TO SUIT CONDITIONS FOR INSTALLATION.
- B. ALL BOXES SHALL BE FLUSH MOUNTED, UNLESS INDICATED OTHERWISE.
10. PANELBOARDS:
- A. PANELBOARDS ARE EXISTING AND SHALL BE REUSED. PROVIDE ADDITIONAL BREAKERS AS REQUIRED TO CONNECT CIRCUITS AS SHOWN ON THE DRAWINGS. ADDITIONAL BREAKERS SHALL BE THERMAL MAGNETIC, QUICK-BREAK BOLT OR CIRCUIT BREAKERS WITH ONE HANDLE FOR SINGLE OR MULTI-POLE RATINGS AND SHALL BE COMPATIBLE WITH EXISTING PANELS.
- B. COMPLETE EXISTING DIRECTORY AS REQUIRED TO IDENTIFY NEW CIRCUIT, LISTING LOAD SERVED AND OTHER PERTINENT DATA.

ELECTRICAL SPECIFICATIONS (CONTINUED)

11. DISCONNECTS:
- A. DISCONNECTS SHALL BE EXTERNALLY OPERATED, QUICK-MAKE, QUICK-BREAK, SAFETY, WITH PROVISIONS FOR PAD LOCKING. FUSED AND NON-FUSED DISCONNECT SWITCHES SHALL BE PROVIDED AS INDICATED.
- B. INDOOR SWITCHES SHALL BE NEMA 1 AND OUTDOOR SWITCHES SHALL BE NEMA 3R, UNLESS INDICATED OTHERWISE.
12. FUSES:
- A. FUSES PROTECTING CIRCUIT BREAKER PANELS SHALL BE CURRENT LIMITING U.L. CLASS RK-1 FUSES WITH 200,000 AMPERES RMS SYM INTERRUPTING CAPACITY. FUSING ELEMENTS SHALL BE SILVER FOR RATINGS ABOVE 60 AMPERES.
- B. ALL OTHER FUSES SHALL BE U.L. CLASS RK-5, DUAL-ELEMENT WITH A MINIMUM TIME-DELAY OF 10 SECONDS AT 800% RATINGS. FUSES SHALL HAVE CURRENT-LIMITING SHORT-CIRCUIT LINKS AND 200,000 AMPERES RMS SYM INTERRUPTING CAPACITY. FUSING ELEMENTS SHALL BE COPPER.
13. LIGHT FIXTURES:
- A. WHERE LIGHT FIXTURES ARE MOUNTED IN A LAY-IN CEILING, PROVIDE A MINIMUM OF 2 SUPPORT WIRES ATTACHED DIRECTLY BETWEEN EACH LIGHT FIXTURE AND THE BUILDING STRUCTURE. SUPPORT WIRES SHALL BE A MINIMUM OF 12 GAUGE GALVANIZED STEEL WIRE, SOFT ANNEALED.
- B. FIXTURES ARE REQUIRED AT ALL LIGHTING OUTLETS SHOWN ON THE DRAWINGS. APPROVED LIGHTING FIXTURE WIRE IS REQUIRED IN ALL FIXTURES AND FIXTURE RACEWAYS. WEATHERPROOF WIRING IS REQUIRED FOR EXTERIOR FIXTURES. ALL PARTS OF FIXTURES AND WIRING SHALL BE IN ACCORDANCE WITH NEC REQUIREMENTS.
- C. ALL FIXTURES SHALL CARRY UL AND ETL LABELS.
14. SLEEVES:
- A. PROVIDE, SET, AND PROPERLY LOCATE PIPE SLEEVES AS REQUIRED FOR THIS WORK.
- B. INTERIOR PARTITIONS: 16 GAGE GALVANIZED STEEL, PACK BETWEEN CONDUIT AND SLEEVE WITH FIRE SAFING AND CAULK AT EACH END WITH FIRE RESISTANT SEALANT.
- C. ROOF: PROSET OR EQUAL, MANUFACTURED PVC SCHEDULE 40 PIPE SLEEVE WITH WEATHERPROOF SEAL. COORDINATE WITH ROOFING CONTRACTOR AND FLASH AS REQUIRED TO MAINTAIN ROOF WARRANTY.
15. GROUNDING:
- A. GROUND ALL ELECTRICAL APPARATUS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) 250, AND ANY LOCAL REQUIREMENTS. INSURE CONTINUOUS BOND WHERE FLEXIBLE CONDUIT IS USED. PROVIDE BONDING JUMPER INSIDE ALL FLEXIBLE CONDUIT.
- B. BOND METAL PIPING SYSTEMS IN COMPLIANCE WITH NEC 250.4(A)(4).
16. REMODELING WORK:
- A. DEMOLITION: DISCONNECT, DEMOLISH AND REMOVE ABANDONED ELECTRICAL MATERIALS AND EQUIPMENT INDICATED TO BE REMOVED AND NOT INDICATED TO BE SALVAGED OR REMAIN.
- B. EQUIPMENT TO BE SALVAGED:
- 1) DISCONNECT AND REMOVE EXISTING ELECTRICAL EQUIPMENT INDICATED TO BE REMOVED AND SALVAGED. DELIVER EQUIPMENT TO THE LOCATION DESIGNATED BY THE OWNER FOR STORAGE.
- 2) ALL MATERIALS AND EQUIPMENT DESIGNATED TO BE REUSED OR RELOCATED SHALL BE CAREFULLY REMOVED, AND STORED UNTIL NEEDED FOR REMODELING WORK. ALL ITEMS SHALL BE RESTORED TO LIKE NEW CONDITION WITH RUST OR CORROSION REMOVED, SURFACE PAINT TOUCHED UP OR REPAINTED AS REQUIRED TO MATCH NEW CONSTRUCTION, AND THOROUGHLY CLEANED AND INSPECTED. ANY ITEMS WHICH BECOME DAMAGED BEYOND REPAIR AS A RESULT OF CONSTRUCTION OR DEMOLITION ACTIVITY SHALL BE REPLACED WITH NEW MATERIAL EQUIVALENT IN EVERY RESPECT.
- C. DISPOSAL AND CLEANUP: REMOVE FROM THE SITE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS AND EQUIPMENT NOT INDICATED TO BE SALVAGED.
- D. PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUST, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTION AND BARRIERS AFTER REMODELING OPERATIONS ARE COMPLETE.
- E. PROVIDE ALL ALTERATIONS AND REWORK INDICATED AND/OR REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF ALL EXISTING ELECTRICAL SYSTEMS, INTEGRATING THE NEW AND EXISTING AREAS. LOCATE, IDENTIFY, AND PROTECT ELECTRICAL SERVICES PASSING THROUGH REMODELING AREA AND SERVING OTHER AREAS OUTSIDE THE REMODELING LIMITS. MAINTAIN SERVICES TO AREAS OUTSIDE REMODELING LIMITS. WHEN SERVICES MUST BE INTERRUPTED, INSTALL TEMPORARY SERVICES FOR AFFECTED AREAS.
- 1) ABANDONED CONDUIT SHALL HAVE WIRE REMOVED AND SHALL BE CAPPED. ABANDONED OUTLETS IN WALLS OR PARTITIONS SHALL HAVE DEVICES AND WIRE REMOVED, AND SHALL BE COVERED.
- 2) WHERE EXISTING CONDUITS TERMINATE AT AN EXISTING OUTLET IN A WALL, CEILING, OR FLOOR TO BE REMOVED, DISCONNECT AND REMOVE DEVICE AND WIRE FROM CONDUIT. CONDUIT SHALL BE CUT BACK AND CAPPED (BELOW THE FLOOR OR ABOVE THE CEILING) SO NOT TO CREATE AN OBSTRUCTION. PATCH FLOOR TO MATCH EXISTING.
- 3) WHERE EXISTING CIRCUITS EXTEND BEYOND THE OUTLET IN THE EXISTING WALL, CEILING, OR FLOOR TO BE REMOVED, FURNISH AND INSTALL NEW CONDUIT AND WIRE TO EITHER REROUTE THE CIRCUIT OR FEED THE REMAINING OUTLET(S) FROM ANOTHER ELECTRICAL SOURCE, BUT IN SUCH A MANNER AS NOT TO REVISE THE CIRCUIT. ALL REROUTED CONDUIT SHALL BE APPROVED BY THE ARCHITECT.
- 4) WHERE EXISTING OUTLETS IN A WALL, CEILING, OR FLOOR TO BE REMOVED ARE ESSENTIAL TO MAINTAIN OPERATION OF OTHER REMAINING OUTLETS, RELOCATE THE OUTLET TO A NEW CONVENIENT LOCATION. EXISTING WIRING DEVICES SHALL NOT BE REUSED, UNLESS OTHERWISE INDICATED.
- 5) WHERE LIGHTING FIXTURES ARE INDICATED TO BE DEMOLISHED, REMOVE ALL WIRE AND MODIFY THE EXISTING CONDUIT (IF APPLICABLE) FOR THE NEW LIGHTING. ALL UNUSED CONDUIT SHALL BE REMOVED.
- 6) WHERE A TELEPHONE CIRCUIT EXTENDS BEYOND AN OUTLET IN AN EXISTING WALL, CEILING, OR FLOOR TO BE REMOVED, PROVIDE NECESSARY EMPTY CONDUIT AND NOTIFY THE OWNER WHO WILL REQUEST THE OWNER TO ARRANGE WITH THE TELEPHONE COMPANY FOR NEW WIRING TO OUTLETS THAT REMAIN.
- 7) WHERE EXISTING CONDUIT AND WIRE RUNS ARE LOCATED IN OR ATTACHED TO AN EXISTING WALL, CEILING OR FLOOR TO BE REMOVED, THEY SHALL BE REROUTED IN EITHER NEW OR EXISTING CONSTRUCTION TO MAINTAIN CONTINUITY OF CIRCUITS UNLESS OTHERWISE INDICATED.
- 8) CONDUIT SHALL BE CONCEALED WITHIN THE EXISTING BUILDING CONSTRUCTION WHERE/EVER POSSIBLE, EXCEPT WHERE OTHERWISE INDICATED.
- 9) EXISTING WIRE SHALL BE DISCONNECTED AND REMOVED WHEREVER EXISTING CIRCUITS ARE ABANDONED.

ELECTRICAL SYMBOLS LIST

CIRCUITING & NOTES

+46"	SPECIAL MOUNTING HEIGHT FOR ASSOCIATED DEVICE (CENTERLINE OF DEVICE)
GFI	GROUND FAULT CIRCUIT INTERRUPTER DEVICE
WP	WEATHERPROOF ENCLOSURE ON DEVICE
WR	WEATHERPROOF RESISTANT DEVICE
IG	ISOLATED GROUND DEVICE
EM	EMERGENCY BATTERY BACKUP
TR	TAMPER RESISTANT OUTLET
(TE)	PARTIAL HOMERUN. REFER TO PLANS FOR ADDITIONAL DEVICES CONNECTED TO THIS CIRCUIT.
[X]	ELECTRICAL FLOOR PLAN NOTE WITH DESIGNATION
2 LF	CONDUIT CONCEALED WHERE POSSIBLE OR AS NOTED, ARROWS INDICATE HOME RUN TO PANEL. CIRCUIT NUMBERS INDICATED
⎓	#12 WIRE IN CONDUIT, UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATION
⎓	GROUNDING CONDUCTOR, #12 WIRE UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATION
⎓	CONDUIT ROUTED UNDER FLOOR/GRADE

LIGHTING

⎓	EMERGENCY TWIN HEAD LIGHT FIXTURE
⎓	EXIT LIGHT WITH DIRECTIONAL ARROWS INDICATED
⎓	STRIP FIXTURE WITH TYPE DESIGNATION
⎓	RECESSED OR SURFACE MOUNTED FIXTURE WITH TYPE DESIGNATION
⎓ NL	NIGHT LIGHT, CONNECT TO UNSWITCHED CIRCUIT
⎓	CEILING OR RECESSED FIXTURE WITH TYPE DESIGNATION
⎓	WALL MOUNTED FIXTURE WITH TYPE DESIGNATION

POWER DEVICES

⎓	DUPLEX RECEPTACLE, BOTTOM OF BOX AT 16" AFF, UNLESS NOTED OTHERWISE
⎓	FOURPLEX RECEPTACLE, BOTTOM OF BOX AT 16" AFF, UNLESS NOTED OTHERWISE
⎓	DEVICE MOUNTED ABOVE COUNTER AND/OR SPLASH GUARD
⎓	HEAVY DUTY OUTLET - NEMA CONFIGURATION SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDATION
⎓	PANEL BOARD, TOP OF BOX 6'-0" AFF
⎓	JUNCTION BOX
⎓	NON-FUSED DISCONNECT SWITCH
⎓	FUSED DISCONNECT SWITCH
⎓	MOTOR WITH DESIGNATION

CONTROLS

S	SINGLE POLE WALL SWITCH, TOP OF BOX AT 48" AFF
S <sub>M</sub>	MANUAL MOTOR STARTER WITH OVERLOADS

OCCUPANCY SENSORS

1. DUAL TECHNOLOGY/ULTRASONIC CEILING SENSORS SHALL BE MOUNTED 6' FROM SUPPLY/EXHAUST AIR DIFFUSERS.
2. LOW VOLTAGE CEILING SENSORS SHALL BE PROVIDED WITH 6' SLACK CONDUCTOR COILED AT SENSOR.

S <sub>0</sub>	INFRARED OCCUPANCY SENSOR, WATT STOPPER #PW-100, TOP OF BOX AT 48" AFF
S <sub>0M</sub>	INFRARED OCCUPANCY SENSOR, WATT STOPPER #PW-100, TOP OF BOX AT 48" AFF. SENSOR TO BE WIRED FOR MANUAL-ON OPERATION
S <sub>0D</sub>	INFRARED OCCUPANCY SENSOR WITH DIMMING, WATT STOPPER #PW-100D LINE VOLTAGE OR #PW-311 0-10V, TOP OF BOX AT 48" AFF, VERIFY DIMMER COMPATIBILITY
S <sub>0D</sub>	DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSORS, WATTSTOPPER DT-300
S <sub>0D</sub>	OCCUPANCY SENSOR POWER PACK, WATTSTOPPER BZ-150 OR EQUAL. PROVIDE LOW VOLTAGE WIRING TO OCCUPANCY SENSORS AND MOMENTARY SWITCHES
S <sub>MO</sub>	MOMENTARY SWITCH, TOP OF BOX AT 48" AFF

COMMUNICATIONS

▼	DATA/TELEPHONE OUTLET WITH 3/4" CONDUIT STUBBED UP TO ABOVE ACCESSIBLE CEILING, BOTTOM OF BOX AT 16", UNLESS NOTED OTHERWISE. PROVIDE WITH PULL STRING
TV	FLAT SCREEN TELEVISION - PROVIDE AND INSTALL ONE (1) HUBBELL #RR201CHBSTR RECESSED CLOCK HANGER RECEPTACLE WITH COVERPLATE AND ONE(1) HUBBELL #HBL260 TWO GANG LARGE CAPACITY WALL BOX (UP TO 2" KNOCKOUT) W/ MUD RING AND COVERPLATE FOR DATA. PROVIDE 2" C WITH PULL STRINGS TO ABOVE ACCESSIBLE CEILING FOR DATA CABLES. MOUNT BOX AT T-6" AFF UNLESS NOTED OTHERWISE (VERIFY)

MISCELLANEOUS

⎓	COMBINATION POWER AND DATA FLOORBOX
⎓	LINE VOLTAGE THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL WIRING
⎓	120 - 24 VOLT INDUSTRIAL CONTROL TRANSFORMER 50 VA VA MINIMUM W/ CIRCUIT BREAKER (MANUAL RESET) FOR ALL VAV BOXES AND BYPASS DAMPERS, VERIFY EXACT REQUIREMENTS WITH MECHANICAL UNITS BEING SUPPLIED
⎓	DUCT MOUNT SMOKE DETECTOR

ELECTRICAL GENERAL NOTES:

1. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
2. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROPERLY BALANCE ALL BRANCH CIRCUITS BETWEEN THE PHASES OF THE SYSTEM REGARDLESS OF CIRCUITING INDICATED.
3. ALL EXPOSED RACEWAYS SHALL BE IN EMT CONDUIT, MC CABLE IS NOT PERMITTED IN EXPOSED AREAS.
4. ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, FIXTURES, SYSTEMS, CONDUIT AND WIRE, ETC. NOT BEING REUSED. DO NOT JUST ABANDON.
5. ELECTRICAL CONTRACTOR TO COORDINATE MANUFACTURER ELECTRICAL REQUIREMENTS FOR HVAC EQUIPMENT BEING FURNISHED WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. EQUIPMENT DISCONNECTS TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE IN MECHANICAL SCHEDULES.
6. ALL ELECTRICAL DEVICES ARE EXISTING AND TO REMAIN UNLESS NOTED OTHERWISE OR CONFLICT WITH NEW CONSTRUCTION. MAINTAIN PROPER OPERATION OF ALL EXISTING ELECTRICAL.
7. ALL MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
8. EACH BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL PER NEC 210.4.
9. ALL BRANCH CIRCUITS SHALL BE SIZED TO ALLOW FOR A MAXIMUM OF 3% VOLTAGE DROP. ALL FEEDERS SHALL BE SIZED TO ALLOW FOR A MAXIMUM OF 3% VOLTAGE DROP. ELECTRICAL CONTRACTOR SHALL VERIFY WIRING INDICATED IS SUFFICIENT AND INCREASE CONDUCTOR SIZE AS REQUIRED BASED OFF ACTUAL INSTALLED LENGTH OF CONDUCTORS.

HEALTH CARE FACILITY NOTES:

1. PATIENT AREAS (EXAM, TRIAGE, D.S. COLLECTION & X-RAY) SHALL COMPLY WITH NEC ARTICLE 517 FOR HEALTH CARE FACILITIES.
2. ALL BRANCH CIRCUITS SUPPLYING PATIENT AREAS SHALL HAVE REDUNDANT GROUNDING PER NEC 517.13(a) & (b). ALL UNDER FLOOR CONDUITS FOR BRANCH CIRCUITS SHALL BE METALLIC.
3. ALL DEVICES IN PATIENT CARE AREAS SHALL BE HOSPITAL GRADE, GROUNDING, THREE WIRE TYPE, RATED FOR 20 AMPS, WITH COVER PLATES. HUBBELL #HBL3300-H, OR EQUAL. VERIFY COLOR WITH ARCHITECT.

8/19/2022



A tenant finish for  
**CareNow Urgent Care**  
3509 SW Market Street  
Lee's Summit, MO 64082

date  
08.19.2022

drawn by  
PH/SK  
checked by  
DS/EK  
revisions



sheet number

**EO**

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BC PROJECT #: 22576  
MISSOURI PE COA #2009003629  
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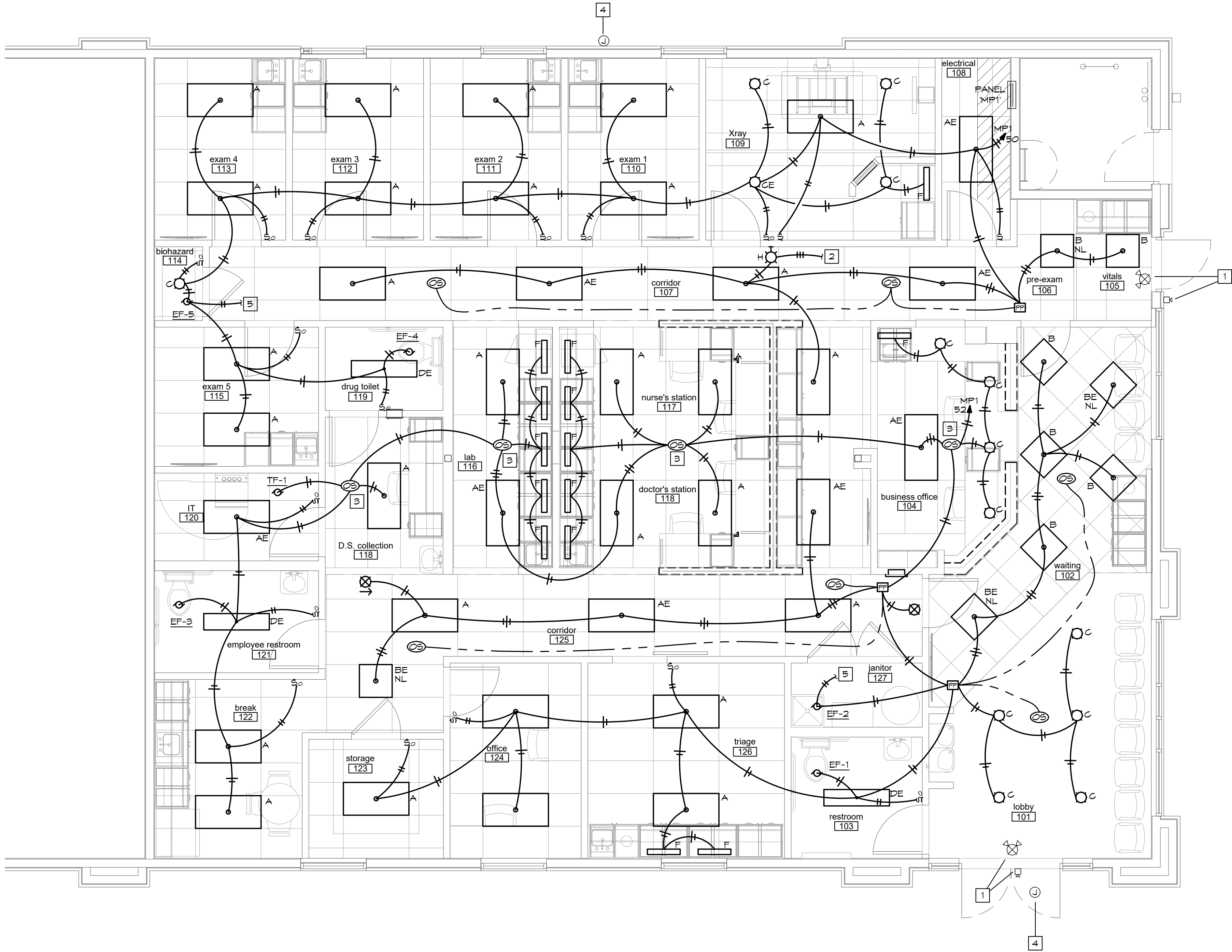
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8/19/2022



- LIGHTING PLAN NOTES:
- 1 EXISTING LIGHT FIXTURES, ON EXISTING CIRCUIT, TO REMAIN.
  - 2 SEE ENLARGED POWER PLAN FOR X RAY ROOM ON SHEET E2
  - 3 PROVIDE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR, WATTSTOPPER DT-355.
  - 4 EXISTING JUNCTION BOX FOR SIGNAGE, ROUTED TO EXISTING LANDLORD ELECTRICAL PANEL, TO REMAIN.
  - 5 ROUTE EXHAUST FAN CONTROL CIRCUITRY THROUGH TIME SWITCH, INTERMATIC T171 OR EQUAL.



ELECTRICAL LIGHTING PLAN

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

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A tenant finish for

CareNow Urgent Care

3509 SW Market Street  
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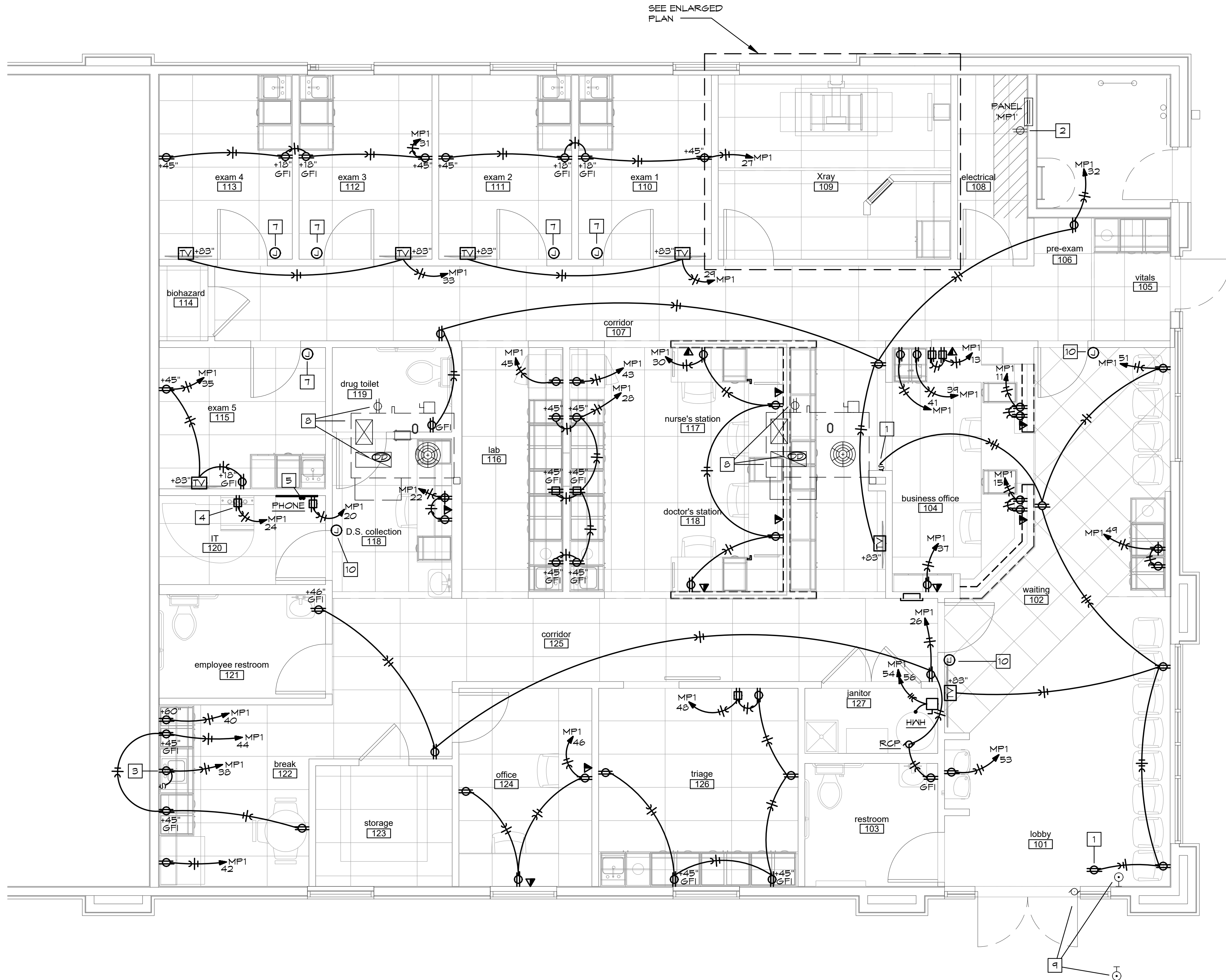
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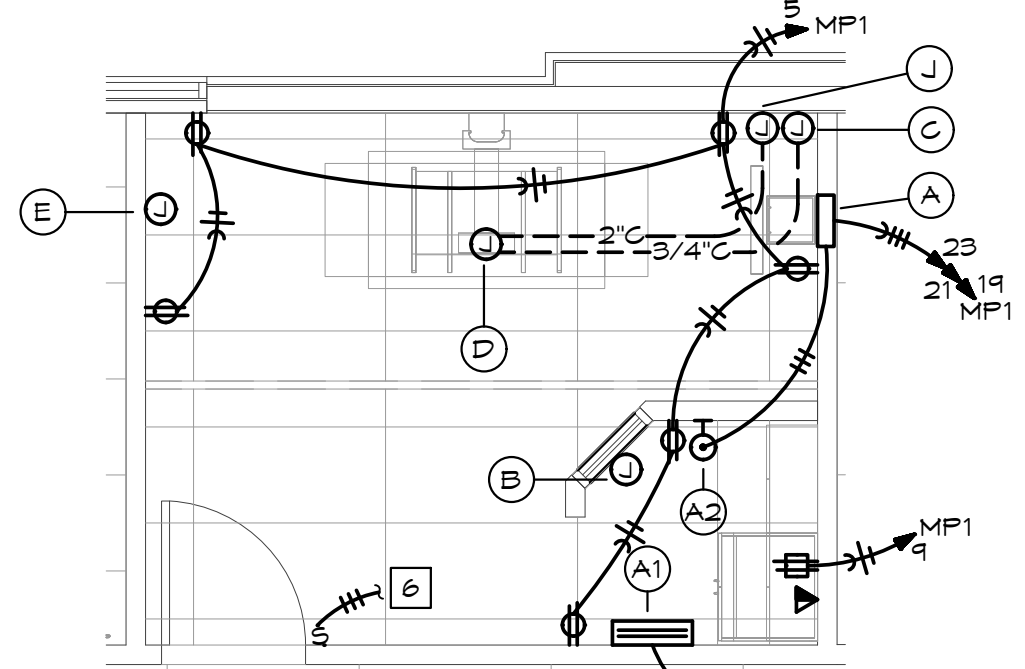


ELECTRICAL PLAN NOTES:

- 1 PROVIDE CEILING MOUNTED RECEPTACLE FOR OPEN SIGN. RECEPTACLE TO BE CONTROLLED BY SWITCH AT BUSINESS OFFICE.
- 2 EXISTING RECEPTACLE, ON EXISTING CIRCUIT, TO REMAIN.
- 3 PROVIDE RECEPTACLE UNDER SINK CONTROLLED BY ABOVE COUNTER SWITCH FOR DISPOSAL.
- 4 PROVIDE RECEPTACLE FOR DATA CABINET. VERIFY MOUNTING LOCATION PRIOR TO ROUGH-IN.
- 5 "AC" GRADE PLYWOOD PAINTED WITH FIRE RETARDANT PAINT FOR COMMUNICATION BACKBOARD. EXTEND (2) 2" FROM STUB-IN LOCATION TO ABOVE BACKBOARD.
- 6 CONNECT TO X-RAY IN USE FIXTURE SEE SHEET E1.
- 7 J-BOX W/ CONDUIT & PULLSTRINGS TO ACCESSIBLE CEILING SPACE FOR SPEAKER CONTROL.
- 8 EXISTING ROOFTOP UNIT, EXISTING CONVENIENCE RECEPTACLE, AND EXISTING DUCT SMOKE DETECTOR, ON EXISTING CIRCUITS, TO REMAIN.
- 9 EXISTING DOOR MOTOR AND CONTROLS, ON EXISTING CIRCUIT, TO REMAIN.
- 10 WIRELESS KEYPAD FOR DOOR ENTRY. COORDINATE REQUIREMENTS WITH MANUFACTURER.



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



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

X-RAY LAYOUT PRELIMINARY ONLY. VERIFY ALL REQUIREMENTS WITH X-RAY SUPPLIER DRAWINGS.

X-RAY POWER PLAN NOTES:

- A SHUNT-TRIP MAIN CIRCUIT BREAKER IN FLUSH MOUNTED NEMA ENCLOSURE WITH NEUTRAL AND GROUND ACCESSORIES. VERIFY ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER. PROVIDE AUXILIARY BOOST TRANSFORMER PER MANUFACTURER'S INSTRUCTIONS.
- A1 120/208V, 1Ø, 3W FLUSH-MOUNTED LOAD CENTER "X" - MIN. 6 SPACES. PROVIDE (1) 20A/1P AND (1) 15A/1P BREAKER.
- A2 RED, MUSHROOM-STYLE EMERGENCY POWER OFF SWITCH. CONNECT TO SHUNT-TRIP CIRCUIT BREAKER AT LOCATION #1 AS REQUIRED FOR PROPER OPERATION.
- B 6"x6"x4" DEEP JUNCTION BOX. SPLIT REMOVABLE COVER SHALL CONTAIN A 2" GROMMETED OPENING. LOCATE COVER 12" ABOVE FINISHED FLOOR.
- C 8"x8"x4" DEEP JUNCTION BOX. SPLIT REMOVABLE COVER SHALL CONTAIN A 2" GROMMETED OPENING. LOCATE COVER 12" AFF. PROVIDE 4" SEALTITE WITH 90° CONNECTORS AT EACH END. PROVIDE 2#12, 1#126 IN 3/4" C TO 15A/1P BREAKER IN LOAD CENTER "X".
- D 8"x8"x4" DEEP JUNCTION BOX. SPLIT REMOVABLE COVER SHALL CONTAIN A 2" GROMMETED OPENING. LOCATE COVER FLUSH IN FINISHED FLOOR. PROVIDE 2#12, 1#126 IN 3/4" C TO 20A/1P BREAKER IN LOAD CENTER "X".
- E 6"x6"x4" DEEP JUNCTION BOX. SPLIT REMOVABLE COVER SHALL CONTAIN A 2" GROMMETED OPENING. LOCATE COVER 43" AFF.
- J 8"x8"x4" DEEP JUNCTION BOX. SPLIT REMOVABLE COVER SHALL CONTAIN A 2" GROMMETED OPENING. LOCATE COVER 12" AFF. PROVIDE (1) 3/4" C AND (1) 2" C TO LOCATION "D"; (1) 2" C TO LOCATION "B" AND (1) 2" C TO LOCATION "E".

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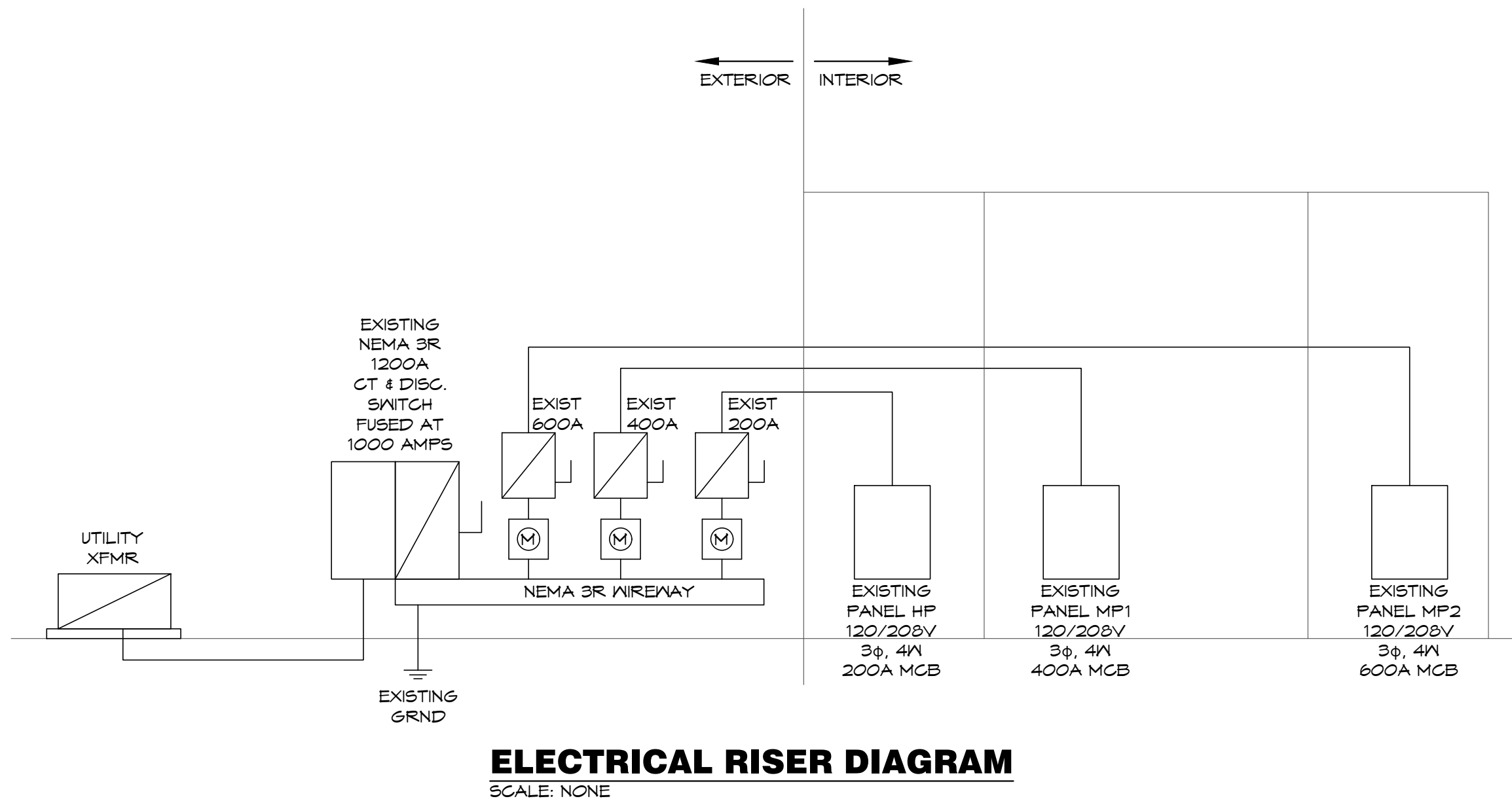
E2

drawing type  
permit

project number  
22102



LIGHT FIXTURE SCHEDULE					
MARK. NO.	MANUFACTURER & CATALOG NUMBER	VOLTS WATTS	LIGHT SOURCE	DESCRIPTION	EQUIVALENT MANUFACTURERS
A	COLUMBIA LCAT24-35MLG-EDU	120V 39W	LED 5000LM 3500K	RECESSED 2'X4' LED CONTEMPORARY ARCHITECTURAL TROFFER	WILLIAMS LITHONIA OR EQUAL
AE	COLUMBIA LCAT24-35MLG-EDU-EL L14	120V 39W	LED 5000LM 3500K	SAME AS 'A' BUT WITH 90 MINUTE EMERGENCY BATTERY PACK.	WILLIAMS LITHONIA OR EQUAL
B	COLUMBIA LCAT22-35MLG-EDU	120V 39W	LED 5000LM 3500K	RECESSED 2'X2' LED CONTEMPORARY ARCHITECTURAL TROFFER	WILLIAMS LITHONIA OR EQUAL
BE	COLUMBIA LCAT22-35MLG-EDU-EL L14	120V 39W	LED 5000LM 3500K	SAME AS 'B' BUT WITH 90 MINUTE EMERGENCY BATTERY PACK.	WILLIAMS LITHONIA OR EQUAL
C	PRESCOLITE LF65L/6LF5L11L35K	120V 13.9W	LED 1100LM 3500K	6" LED OPEN DOWNLIGHT	WILLIAMS LITHONIA OR EQUAL
CE	PRESCOLITE LF65LEM/6LF5L11L35K EM	120V 13.9W	LED 1100LM 3500K	SAME AS TYPE 'C' BUT WITH 90 MINUTE EMERGENCY BATTERY PACK.	WILLIAMS LITHONIA OR EQUAL
D	COLUMBIA LMC4-35ML-EU PROVIDE CHAIN KIT IN ROOMS WITH OPEN CEILING	120V 43W	LED 5000LM 3500K	48" WIDE SPECIFICATION GRADE WRAPAROUND/LED	WILLIAMS LITHONIA OR EQUAL
DE	COLUMBIA LMC4-35ML-EU-ELL14 PROVIDE CHAIN KIT IN ROOMS WITH OPEN CEILING	120V 43W	LED 5000LM 3500K	SAME AS 'D' BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	WILLIAMS LITHONIA OR EQUAL
F	STRATALUME CONNECTS MAUGLED-I-MAX-11L35K-2T7	120V 11W	LED	24" UNDERCABINET LIGHTING	WILLIAMS LITHONIA OR EQUAL
G	COLUMBIA MFS2-35ML-FW	120V 29W	LED 3500LM 3500K	2' LINEAR STRIP	
H	COLE LIGHTING S252-S-N-STF-L-XRAY IN USE	120V 1.5W	LED	ILLUMINATED SIGN, RED LETTERING ON WHITE BACKGROUND "X-RAY IN USE"	OR EQUAL
	DUAL-LITE EVE-U-R-W-E	120V 1	INCL	EXIT LIGHT WITH LED LAMPS, RED LETTERS ON WHITE BACKGROUND, UNIVERSAL MOUNT, BATTERY BACKUP	SURE-LITES LITHONIA OR EQUAL
	DUAL-LITE EVC-U-R-W	120V 3	INCL	COMBINATION EMERGENCY/EXIT LIGHT WITH LED LAMPS, RED LETTERS ON WHITE BACKGROUND, TWIN LED EMERGENCY LIGHT HEADS, UNIVERSAL MOUNT, BATTERY BACKUP	SURE-LITES LITHONIA OR EQUAL
NOTES:					



EXIST PANEL: MP1		VOLTS:		120/208V		PH: 3Ø		WIRE: 4W		LOCATION:		ELECTRICAL ROOM		MOUNTING: SURFACE			
BUS: 400A		MAIN:		400A MCB								FEEDER:		SEE RISER DIAGRAM			
CKT	DESCRIPTION	AMPS	POLE	WIRE	ØA	ØB	ØC	ØA	ØB	ØC	WIRE	POLE	AMPS	DESCRIPTION	CKT NO		
1	EXIT LTS [EX]	20	1	12	100				180			12	1	20	PANEL RECEPTACLE [EX]	2	
3	DUCT DETECTORS [EX]	20	1	12		500				360		12	1	20	RTU CONVENIENCE RECEPTS [EX]	4	
5	X-RAY RECEPT	20	1	12			1,080				500	12	1	20	ADA DOOR CONTROLS [EX]	6	
7	SPARE	20	1					3,840								8	
9	X-RAY CONTROLS	20	1	12		1,500			3,840		Ø	3	45	RTU-4		10	
11	BUSINESS OFFICE RECEPT	20	1	12			360			3,840				[EX]		12	
13	BUSINESS OFFICE RECEPT	20	1	12	120			3,840								14	
15	BUSINESS OFFICE RECEPT	20	1	12		360			3,840		Ø	3	45	RTU-5		16	
17	SPARE	20	1							3,840				[EX]		18	
19	X-RAY	100	3	3	10,000			360			12	1	20	TELE BOARD		20	
21						10,000		360	12	1	20	D.S. COLLECTION RECEPTS		22			
23	SPARE	20	1				10,000			360	12	1	20	DATA RACK		24	
25							750	12	1	20	RECEPT. HALL & RESTROOMS		26				
27	EXAM 1 & EXAM 2 RECEPT	20	1	12		120			1,440		12	1	20	LAB RECEPT.		28	
29	EXAM 1 & EXAM 2 TV	20	1	12			360			120	12	1	20	NURSE/DOC STN RECEPT.		30	
31	EXAM 3 & EXAM 4 RECEPT	20	1	12	120			900			12	1	20	RECEPT. HALL & RESTROOMS		32	
33	EXAM 3 & EXAM 4 TV	20	1	12		360			1,500		Ø	2	40	LOAD CENTER "X"		34	
35	EXAM 5	20	1	12			540			1,500						36	
37	BUSINESS OFFICE RECEPT	20	1	12	180			600			12	1	20	BREAKROOM DISPOSAL (GF)		38	
39	BUSINESS OFFICE RECEPT	20	1	12		180			1,000		12	1	20	MICROWAVE (GF)		40	
41	BUSINESS OFFICE RECEPT	20	1	12			180			900	12	1	20	REFRIGERATOR (GF)		42	
43	REFRIGERATOR	20	1	12	900			540			12	1	20	BREAKROOM RECEPT		44	
45	REFRIGERATOR	20	1	12		900				540	12	1	20	DOC OFFICE RECEPT		46	
47	SPARE	20	1							1,260	12	1	20	TRIAGE		48	
49	COFFEE STATION	20	1	12	1,000			940			12	1	20	LIGHTING		50	
51	WAIT ROOM RECEPT	20	1	12		1,080			1,626		12	1	20	LIGHTING		52	
53	DRINKING FOUNTAIN (GF)	20	1	12			500			4,500	6	2	60	WATER HEATER		54	
55	SPARE	20	1					4,500								56	
57	SPARE	20	1									1	20	SPARE		58	
59	SPARE	20	1									1	20	SPARE		60	
NOTES:					13,620	15,600	13,020	16,450	14,506	17,420							
(GF)-GFCI BRKR, (EX)-EXISTING BRKR					30,070		30,106		30,440		TOTAL CONNECTED LOAD:					90,616 VA	
										NEG DEMAND LOAD:					87,953 VA		
										DEMAND AMPS @ 208 VOLT / 3Ø:					244.13		

BC PROJECT #: 22576  
MISSOURI PE COA #2009003629

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A tenant finish for

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