

Renovation and Addition

Addison Animal Hospital
Owner: Clifford Addison, D.V.M

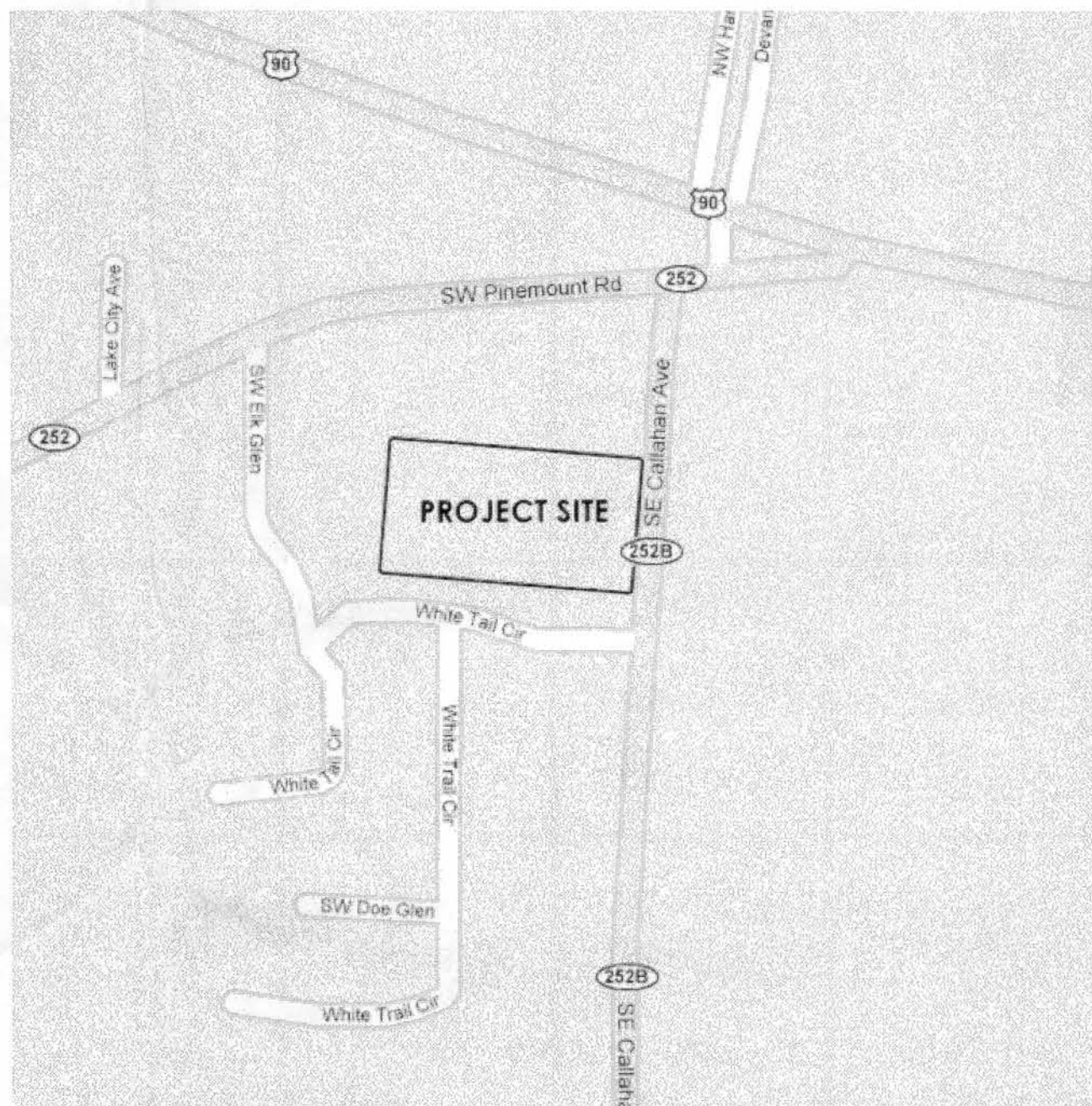
222 SW Courty Road 252b
Lake City, Florida 32024-3827

NOTES	
1) GENERAL:	
A.	DEMOLITION: remove existing construction in areas indicated, taking due care to preserve existing construction to remain. Patch and/or replace adjacent existing construction to match adjoining surfaces. Any re-usable material may be retained and re-used at the Contractor's discretion, provided the salvaged material is in good functional and aesthetic condition, without visible blemishes, and can be reasonably used for the intended purpose. Contractor shall remove and dispose of all demolition and construction debris in a legal manner.
B.	APPLICABLE BUILDING CODES: FLORIDA BUILDING CODE 2004, BUILDING FLORIDA BUILDING CODE 2004, EXISTING BUILDING FLORIDA BUILDING CODE 2004, FUEL GAS FLORIDA BUILDING CODE 2004, MECHANICAL FLORIDA BUILDING CODE 2004, PLUMBING FLORIDA FIRE PREVENTION CODE 2004, including NFPA 101 LIFE SAFETY CODE 2003 2002 NATIONAL ELECTRICAL CODE Per FBC 2004, project is an Existing Building with a Level 2 Alteration and Addition. OCCUPANCY CLASSIFICATION: [Per Section 304.1 of the FBC 2004] Group "B" - Business BUILDING AREA: Existing Building = 2240 GSF Building Addition = 2400 GSF Total Gross Area = 4640 GSF CONSTRUCTION TYPE: [Per Table 601 of the FBC 2004] EXISTING CONSTRUCTION: FBC TYPE V-B/ NFPA TYPE V 000 NEW CONSTRUCTION: FBC TYPE V-B/ NFPA TYPE V 000 The building is not protected by an automatic fire sprinkler system. ALLOWABLE HEIGHT & AREA: [Per Table 503 of the FBC 2004] Type V-B construction, Group B is limited to 40 feet in height, 2 stories, and 9000 sf per floor. Actual Height = 19'; 1 Story; 4640 GSF INTERIOR FINISHES: [Per table 803.5 of the FBC 2004] All interior wall and ceiling finishes shall have a minimum Class "C" rating and exit access corridors shall have a minimum Class "B" rating, as defined in FBC 2004 Chapter 8. EXISTING OCCUPANCY LOAD: [Per TABLE 1004.1.2 of the FBC 2004] Areas per occupant for Business use = 100 GSF / Occupant Building Area = 4640 GSF Occupant Load = 4640 / 100 = 47 Occupants EGRESS WIDTH CAPACITY: [Per Table 1005.1 of the FBC 2004] (for egress components other than stairways for a business occupancy without a sprinkler system) Required Egress Width = 0.2 inches per occupant = 0.2 X 47 = 9.4" Exit is provided through (2) 3'-0" doors with min 32" clear opening (total 64"). The new corridor is 4'-0" in width. EXIT ACCESS TRAVEL DISTANCE: [Per Table 1015.1 of the FBC 2004] For Group B Occupancy, Unsprinklered, 200 feet allowable Actual Maximum Travel 66 feet CORRIDOR WIDTH AND RATING: [Per Table 1016.1 of the FBC 2004] For Group B - Business, in an unsprinklered building, the occupant load on the corridor is limited to 30. In the addition, the occupant load served by the corridor is 1/2 of the total building occupancy, or 47 / 2 = 24 occupants. The minimum corridor width is 44". The actual corridor width is 48". C. All work shall conform to the "FLORIDA BUILDING CODE" (FBC) and all other applicable codes and ordinances. Any cladding assembly, exterior wall cladding, surfacing, garage doors, skylights, operative and inoperative windows, glass block panels, wood based structural panels, including those made of fiberboard, hardboard and particleboard, shall have Product Approval and shall be installed according to its Product Approval. D. The Contractor shall compare the documents with one another and shall verify all dimensions on drawings and conditions at the job site prior to the start of any work and report any and all discrepancies to the architect in writing before proceeding with the work. Figure dimensions shall take precedence over scale dimensions at all times.
2) SITE:	See Civil engineering documents for all site related work.
3) CONCRETE:	
A.	CEMENT: ASTM C 150, TYPE 1 PORTLAND CEMENT.
B.	AGGREGATE: ASTM C33, maximum aggregate size 1 inch.
C.	COMPRESSIVE STRENGTH: 3,000 psi minimum at 28 days.
D.	WATER REDUCING ADMIXTURES: ASTM C 494, TYPE A.
E.	SLUMP: 4 INCHES, +/- 1 INCH.
F.	CONCRETE REINFORCING: ASTM A 615, GRADE 40.
G.	REINFORCING STEEL: LAP BARS 30 x BAR DIAMETER, provide 3 inch bar cover between bottom of bars and soil. 1 1/2" clear for concrete beams.
H.	PROTECTION: cure all concrete for a minimum of 7 days using sprayed on membrane curing compound or continuous water sprinkling. Where indicated, wire mesh reinforcing shall be 6x6, W1.4XW1.4, welded Contractor's option - provide polypropylene fiber reinforcing in lieu of wire mesh.
4) MASONRY:	
A.	Provide special shapes for lintels, corners, jambs, sashes, movement joints, headers, bonding, and other special conditions as required. CMU's shall be tested according to ASTM C 90 and have a unit Compressive Strength of 1900 psi. All masonry shall be lightweight, unless noted otherwise. Provide Type II, non-moisture-controlled units.

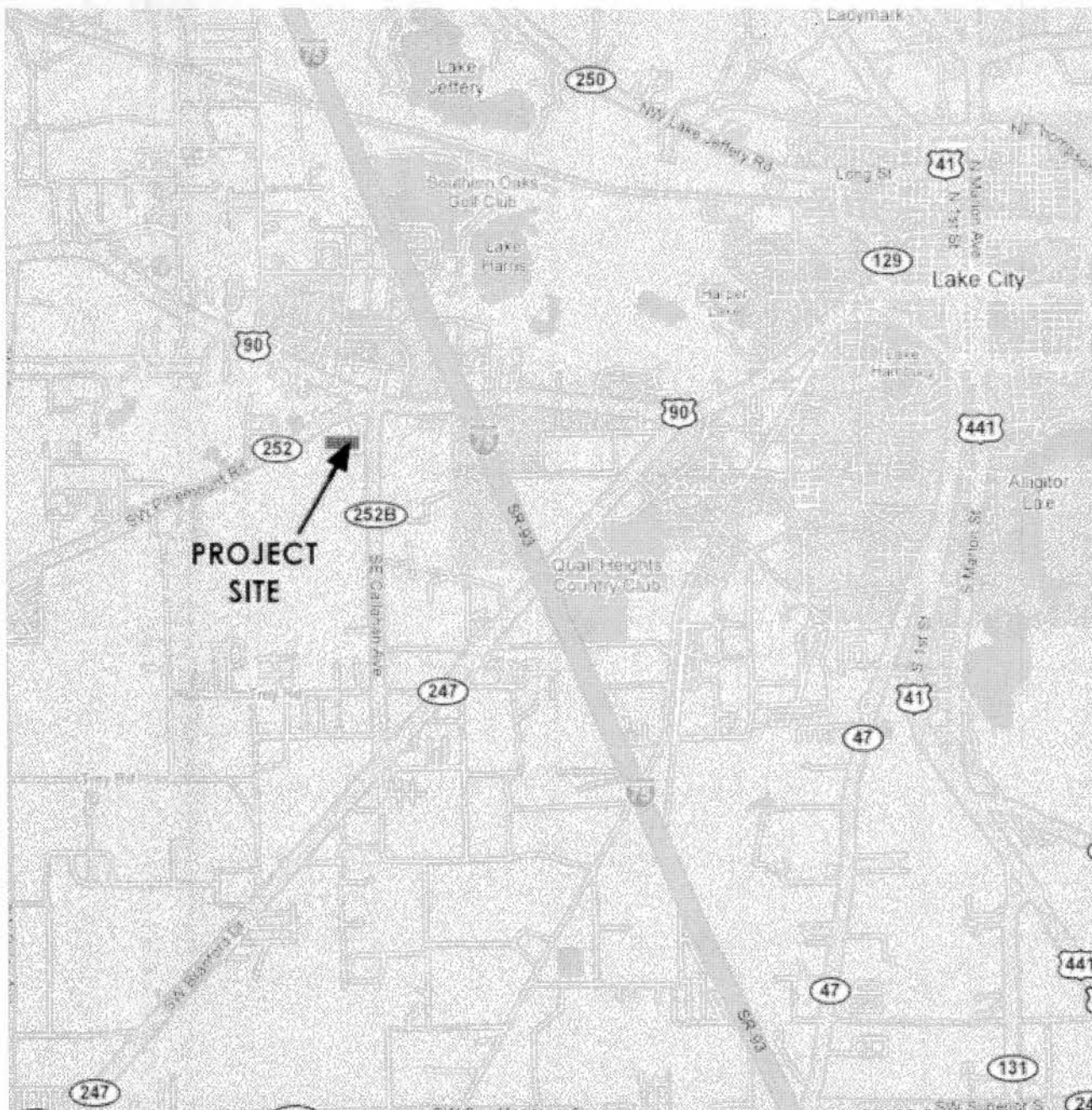
5) METALS:	
A.	Structural Steel shall be pre-engineered metal building system - see item #13, below.
B.	Cold-formed metal studs shall comply with ASTM 1003/A 1003M, and AISI design standards and specifications.
6) WOOD:	
A.	PRESERVATIVE TREATMENT: AWPAC C2 (lumber) and AWPAC C9 (plywood) treatment shall be ACQ (Ammoniacal copper quaternary compound) or CDDC (Copper hydroxide sodium dimethyldithiocarbamate), except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPAC C31 with inorganic borate (SBX). Treat items indicated on Drawings, and the following: Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing. Wood sills, sleepers, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete. Wood framing members less than 18 inches above grade. Wood floor plates that are installed over concrete slabs directly in contact with earth. Due to copper toxicity to aquatic organisms, ACQ or CDDC treated wood shall not be used near bodies of water. Use naturally rot resistant species lumber near bodies of water. Do not burn scraps of treated wood. Do not mix treated wood scraps with untreated wood. Hazardous wastes shall be separated, stored, and disposed of according to local regulations.
B.	ROUGH CARPENTRY: Set rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit rough carpentry to other construction; scribe and cope as needed for accurate fit. Locate furring, nailers, blocking, grounds, and similar supports to comply with requirements for attaching other construction. Securely attach rough carpentry work to substrate by anchoring and fastening complying with published requirements of framing anchor manufacturer, and Table 2306.1, "Fastening Schedule," in the Florida Building Code. Comply with AFPA's "Manual for Wood Frame Construction," unless otherwise indicated.
7) THERMAL & MOISTURE PROTECTION:	
A.	BUILDING INSULATION: Provide insulating materials that comply with requirements and with referenced standards and, for preformed units, in sizes to fit applications indicated, selected from manufacturer's standard thicknesses, widths, and lengths.
B.	THERMAL BATT INSULATION: Standard glass fiber containing minimum 15 % post-consumer recycled content, minimum 30 % total recycled content. Provide facing or encapsulation of the following types for conditions indicated: Foil radiant barrier if outside air space is provided. Kraft paper to secure installation and prevent settling. Encapsulated where protection from glass fibers is required. Unfaced for sound insulation or when a separate vapor retarder is used.
C.	RIGID BOARD INSULATION: Expanded polystyrene containing minimum 15 % recycled content; Polyisocyanurate foam; Perlite composition board with minimum 25 % recycled content. ROOF SYSTEM: As provided by metal building manufacturer.
D.	ROOF SYSTEM: As provided by metal building manufacturer.
E.	JOINT SEALANTS: Minimize use of sealants, caulks, and adhesives through proper installation of building components, and proper lapping of flashing, building paper and trim. Where sealants or adhesives are required, ensure the product is recommended for that application by the manufacturer, and strictly adhere to manufacturer's installation instructions.
8) DOORS AND WINDOWS:	
A.	PRODUCTS: Provide exterior and interior doors and windows as indicated on door and window schedules. For all door and window systems and products, submit manufacturer's Product Approval and shop drawings that identify rough openings, supporting framework, method of attachment and waterproofing procedures. Submit the above information with permit application. Install doors, windows and accessories in accordance with manufacturer's recommendations.
B.	HARDWARE: Contractor shall coordinate lockside, keying, security system interaction and other door and window hardware with owner prior to purchase and installation. All hardware shall be provided to match style finish and color of existing door hardware.
C.	GLAZING: All glazed doors shall be provided with tempered glass. Provide windows capable of complying with performance requirements indicated, based on testing manufacturer's windows that are representative of those specified and that are of minimum test size required by AAMA/NWDA 101/1.S.2. All glazing shall meet the requirements set forth in the FBC, Structural Performance: Design pressure (Wind Loads) as indicated on Structural Drawings.
9) FINISHES:	Provide finishes as indicated on the finish schedule. Contractor shall coordinate finish and flooring trades to ensure proper installation of transitions and trim.
10) SPECIALTIES:	Provide toilet accessories as indicated on the Accessories and Fixtures Legend.
11) EQUIPMENT:	New Tub Table and Grooming Tub will be provided by Owner and installed by Contractor. New Dishwasher shall be provided and installed by Contractor, as specified by Owner.
12) FURNISHINGS:	Casework shall be provided per elevation and plan drawings, and shall be of a type, color, and style to match casework in the existing building. Other furnishings will be provided by Owner.
13) SPECIAL CONSTRUCTION:	Metal building system shall be provided as generally indicated on the drawings, and shall be designed by an Engineer registered in the state of Florida. The metal building system shall match the profile (including roof slope) of the existing building. Manufacturer shall provide shop drawings for review prior to fabrication, including engineering calculations indicating reactions at foundations. Adjustments to the foundation design may be required, depending upon the final selection of the metal building system.
14) CONVEYING SYSTEMS:	there are no conveying systems included in this project
15) MECHANICAL:	See Mechanical and Plumbing drawings
16) ELECTRICAL:	See Electrical Drawings

INDEX OF DRAWINGS

- A0 COVER - PROJECT LOCATION SHEET INDEX
A1 SITE PLAN / GENERAL NOTES / DEMOLITION PLAN
A2 PLAN / ELEVATIONS / SCHEDULES
A3 FOUNDATION PLAN / GENERAL STRUCTURAL NOTES / CEILING FRAMING
A4 DETAILS (BUILDING SECTION, WALL SECTIONS, FOUNDATION DETAILS)
A5 INTERIOR ELEVATIONS / ENLARGED PLAN DETAILS (REST ROOM PLANS, ELEVATIONS)
A6 REFLECTED CEILING PLAN / LIGHTING, POWER / LOAD CALCULATIONS
A7 HVAC PLAN
A8 PLUMBING PLAN / PLUMBING RISER



PROJECT SITE



LOCATION MAP

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08/29/07

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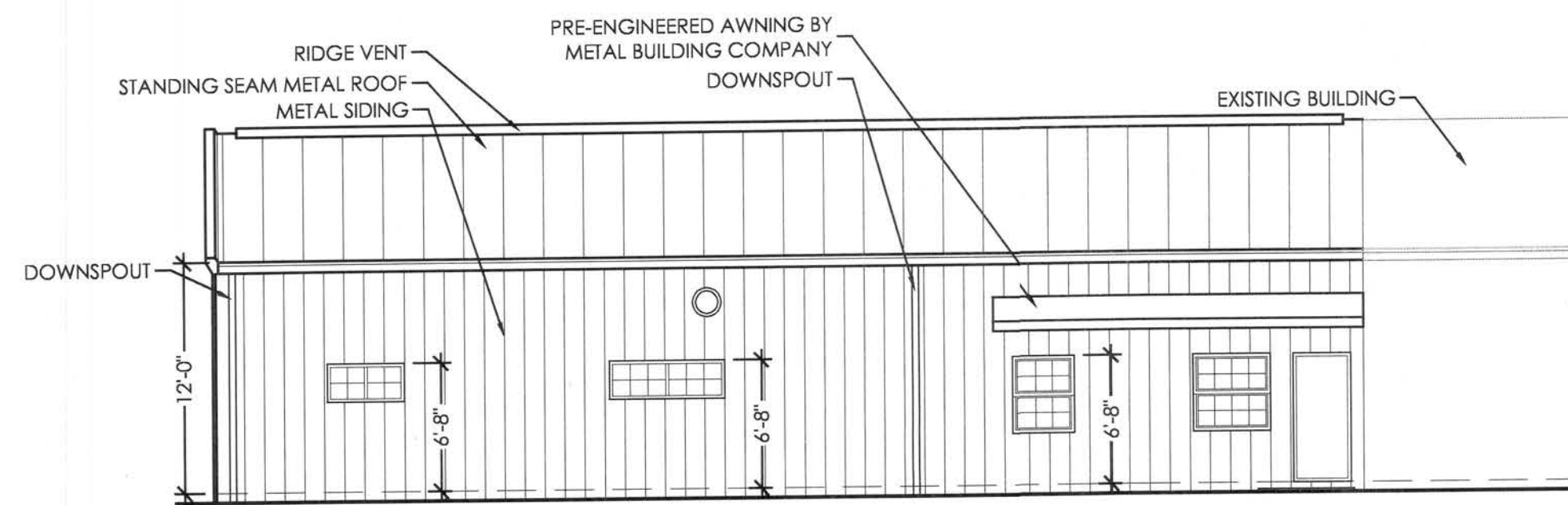
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revisions:

drawn: bh
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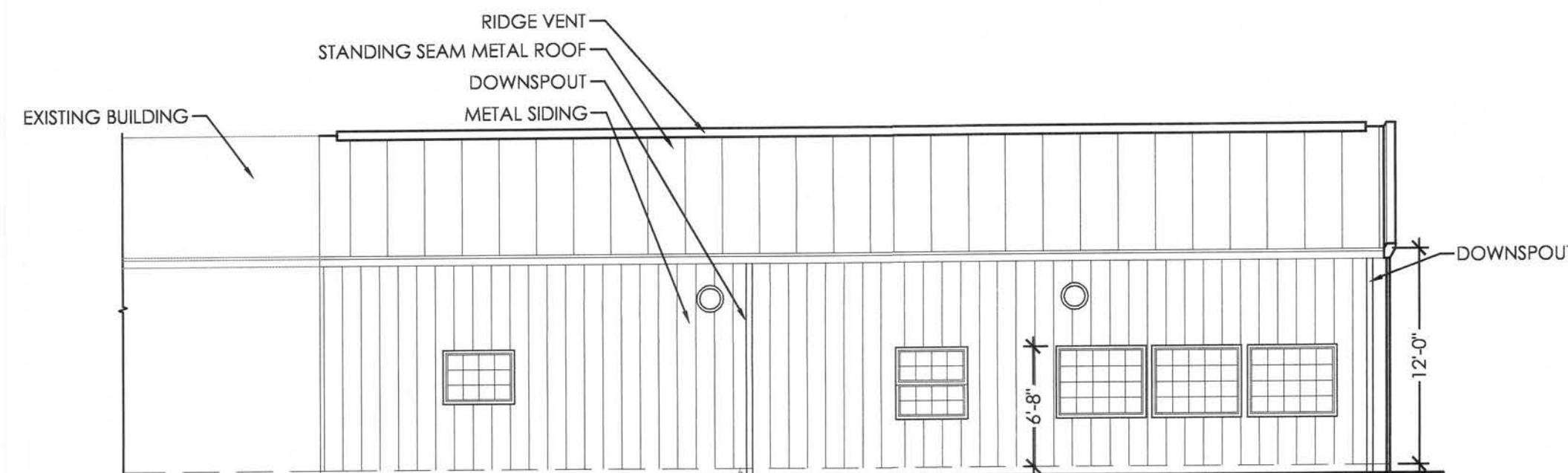
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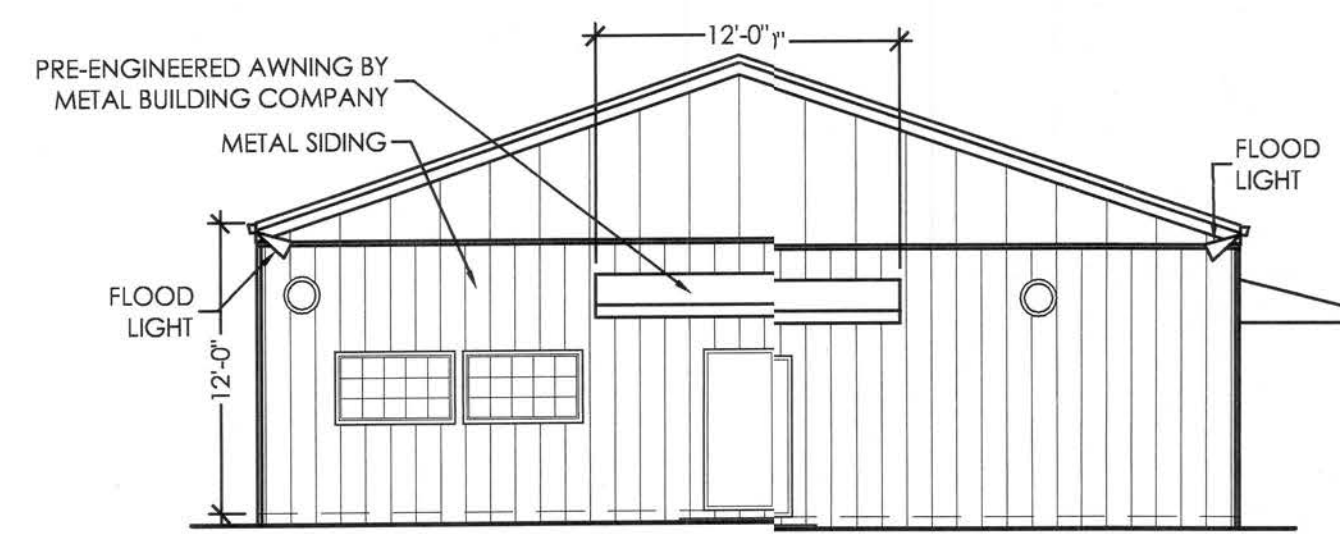
SOUTH ELEVATION

1/8" = 1'-0"



NORTH ELEVATION

1/8" = 1'-0"



WEST ELEVATION

1/8" = 1'-0"

WALL TYPE KEY

- new exterior wall structure by metal building manufacturer w/ 1/2" drywall on 3/4" stl. hat channels on interior and R-19 batt insulation in cavity.
- new load bearing gable end wall by metal building manufacturer w/ 1/2" drywall on interior and R-19 batt insulation between.
- 2x4 stud partition w/ studs @ 24" o.c.
- 4" concrete block construction to 8' a.f.f.
- 8" concrete block load bearing wall to 8' a.f.f.
- 1hr rated wall wood stud wall UL design no. U305:
2x4 stud partition w/ studs @ 16" o.c.
(1) layer 5/8" Type X firecode gyp.bd each side.
see detail E/A4
- 1hr rated 4" cmu wall:
4" concrete block construction to 8' a.f.f.
(2) layers 5/8" Type X firecode gyp.bd over 1x2 p.t. furring
see detail D/A4

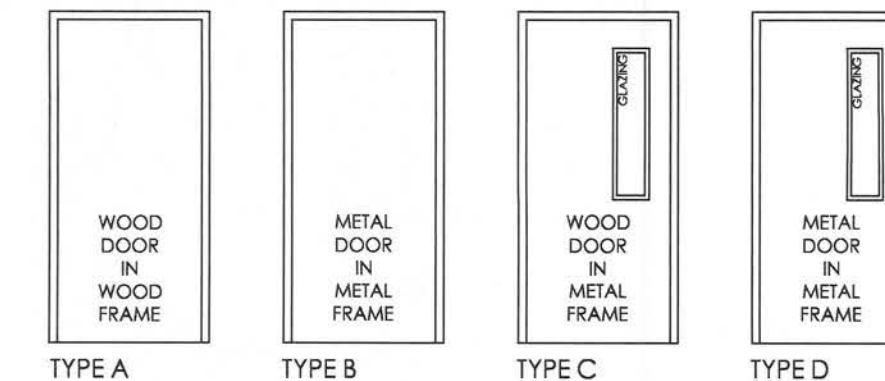
DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THK.	TYPE	MAT.	HW	REMARKS
01	3'-0"	6'-8"	1 3/4"	D	MTL	①	
02	3'-0"	6'-8"	1 3/8"	C	WD	②	
03	3'-0"	6'-8"	1 3/8"	A	WD	②	
04	3'-0"	6'-8"	1 3/8"	A	WD	②	20 MINUTE FIRE RATED DOOR
05	3'-0" PAIR	6'-8"	1 3/8"	C	WD	②	
06	3'-0"	6'-8"	1 3/8"	A	WD	②	20 MINUTE FIRE RATED DOOR
07	3'-0"	6'-8"	1 3/8"	C	WD	②	20 MINUTE FIRE RATED DOOR
08	3'-0"	6'-8"	1 3/8"	A	WD	②	
09	3'-0"	6'-8"	1 3/4"	D	MTL	①	
10	3'-0"	6'-8"	1 3/8"	A	WD	②	
11	3'-0"	6'-8"	1 3/8"	A	WD	②	DUTCH DOOR, RELOCATED
12	3'-0"	6'-8"	1 3/8"	A	WD	②	
13	3'-0"	6'-8"	1 3/8"	C	WD	②	20 MINUTE FIRE RATED DOOR

HARDWARE

- HINGES - 1-1/2" PR B8 1279 4-1/2" X4-1/2" PRND 26D
CLOSER - 1250 SIZED FOR CLOSER
SILENCERS - 3-GJ64
PANIC DEVICE - F19-R-BE WSS PUSH-PULL PLATES, FIRELABEL "B"
LOCKSET - 8605-08-108 MASTER KEYED (KEYABLE WHERE REQUIRED)
THRESHOLD - #407 1/2
- HINGES - 1-1/2" PR B8 1279 4-1/2" X4-1/2" PRND 26D
SILENCERS - 3-GJ64
LOCKSET - LOCKSET TO MATCH DOOR FUNCTION
WALL STOP - 407 1/2

DOOR TYPES



WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	TYPE	NOTES
A	4'-0"	4'-0"	SINGLE HUNG	ALL WINDOWS SHALL BE ALUMINUM FRAME WITH FINISH TO MATCH EXISTING WINDOWS. PROVIDE SECURITY BARS ON ALL NEW WINDOW OPENINGS TO MATCH EXISTING WINDOW OPENINGS. ALL NEW WINDOWS SHALL HAVE 2004 FBC PRODUCT APPROVAL
B	5'-0"	4'-0"	SINGLE HUNG	
C	5'-0"	2'-8"	FIXED	
D	3'-0"	2'-8"	FIXED	
E	6'-8"	2'-0"	FIXED	
F	4'-0"	2'-0"	FIXED	

FINISH SCHEDULE

MARK	DESCRIPTION	FLOOR	BASE*	WALLS	CEILING	REMARKS
201	O.R. PREP ROOM	M2	M4	F1 F1 F1 F1	M5	
202	OPERATING ROOM	M2	M4	F1 F1 F1 F1	M5	
203	DOCTORS OFFICE	M3	M4	F1 F1 F1 F1	M5	
204	HC BATHROOM	M1	M4	F1 F1 F1 F1	M5	
205	CAT ROOM	M2	M4	F1 F1 F1 F1	M5	
206	CORRIDOR	M1	M4	F1 F1 F1 F1	M5	
207	KENNELS	M2	NA	F1 F2 F1 F2	M7/F1	
208	WORK STATION	M2	NA	F1 F1 F1 F1	M5	
209	KENNELS	M2	NA	F1 F2 F1 F2	M7/F1	
210	GROOMING	M2	NA	F2 F2 F2 F2	M7/F1	
211	OFFICE	M3	M4	F1 F1 F1 F1	M5	
212	SURGERY WAITING ROOM	M1	M4	F1 F1 F1 F1	M5	
101	SEC. RECEPTION	M1	M4	F3 F3 F3 F3	M6	
105	EXAM #3	M1	M4	F3 F3 F3 F3	M6	
104a	H/C WOMAN'S	M1	M4	F3 F3 F3 F3	M6	
104b	H/C MEN'S	M1	M4	F3 F3 F3 F3	M6	
111	PROCESSOR ROOM	M6	M4	F3 F3 F3 F3	M6	
112	X-RAY	M6	M4	F3 F3 F3 F3	M6	
115	CORRIDOR	M1	M4	F1 F3 F3 F3	M6	

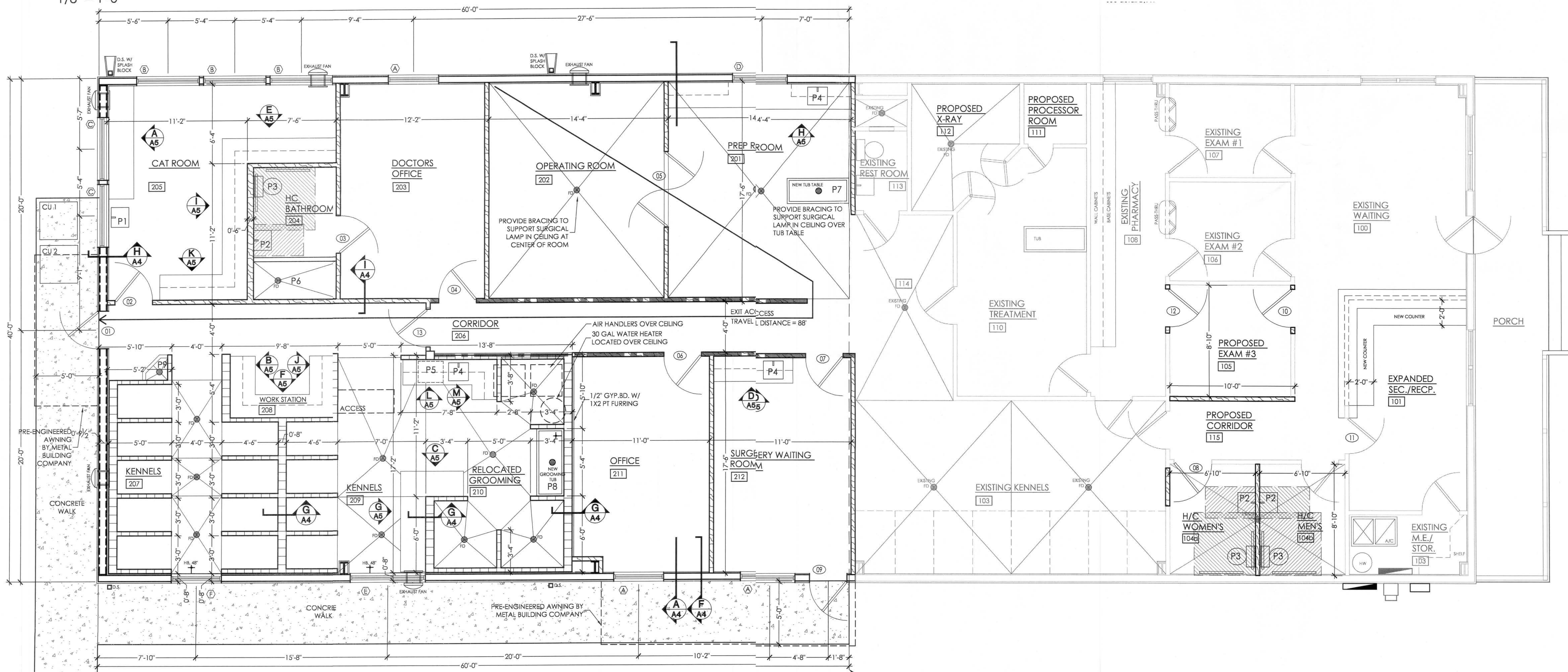
* CAULK BASE TO FLOOR W/ BUTYL RUBBER CAULK

MATERIALS

- M1 VINYL TILE (VCT)
- M2 "SEALED CONCRETE"
- M3 CARPET
- M4 4" VINYL
- M5 24"X48"X5/8" ACOUSTICAL LAY-IN CEILING TILEEQUAT TO ARMATUFF #8788 AS MFGR. BY ARMSTRONG
- M6 USE EXISTING
- M7 MOISTURE RESISTANT GWB

FINISHES

- F1 2 CT. GLIDDEN "SPREAD SATIN" LATEX WALL PAINT PRIMER AND GLOSS ENAMEL 2 CT. FINISH BY OWNER
- F2 USE EXISTING
- F3 USE EXISTING



FLOOR PLAN

1/4" = 1'-0"

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Handwritten signature and date: 08/21/2007

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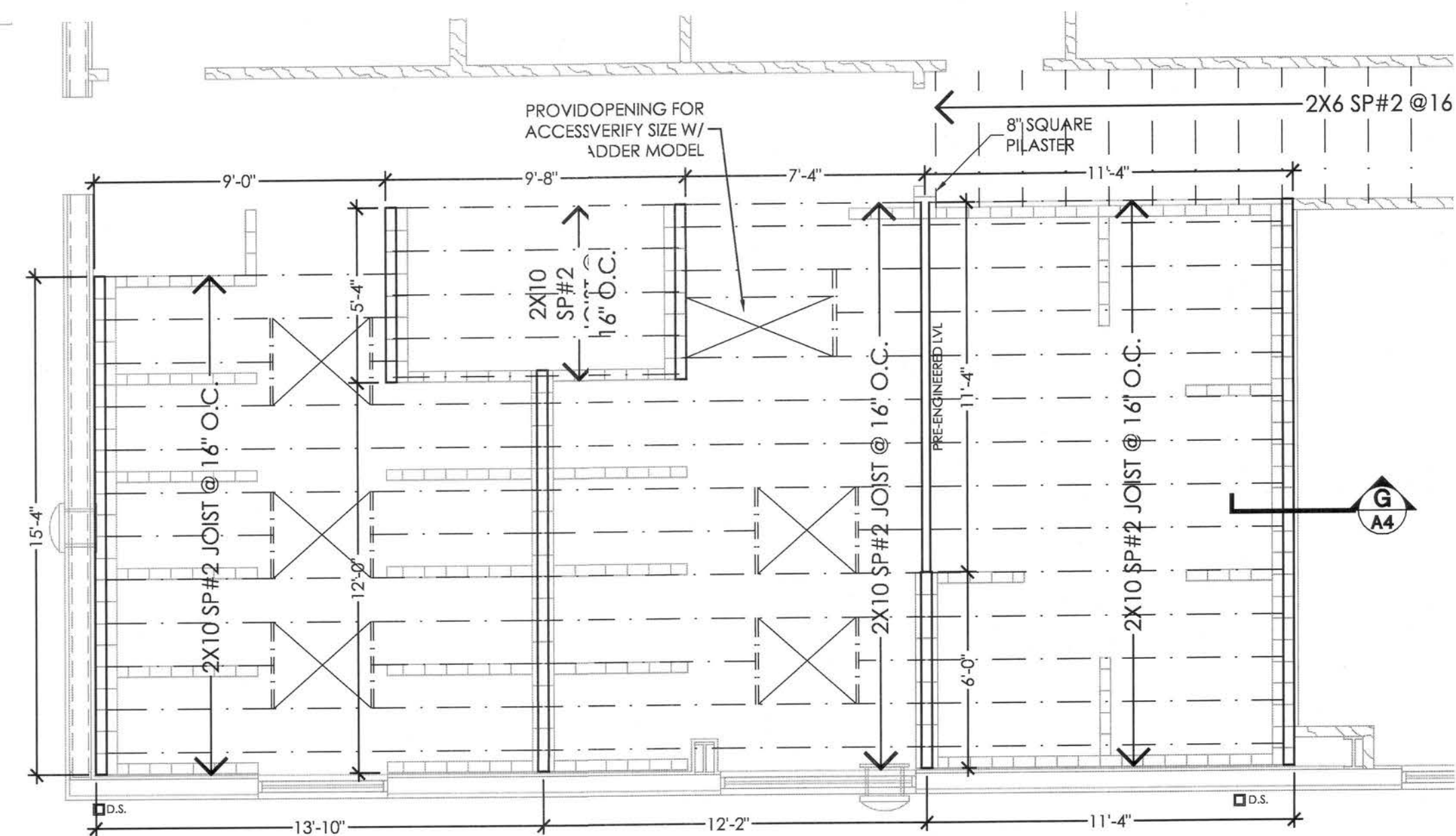
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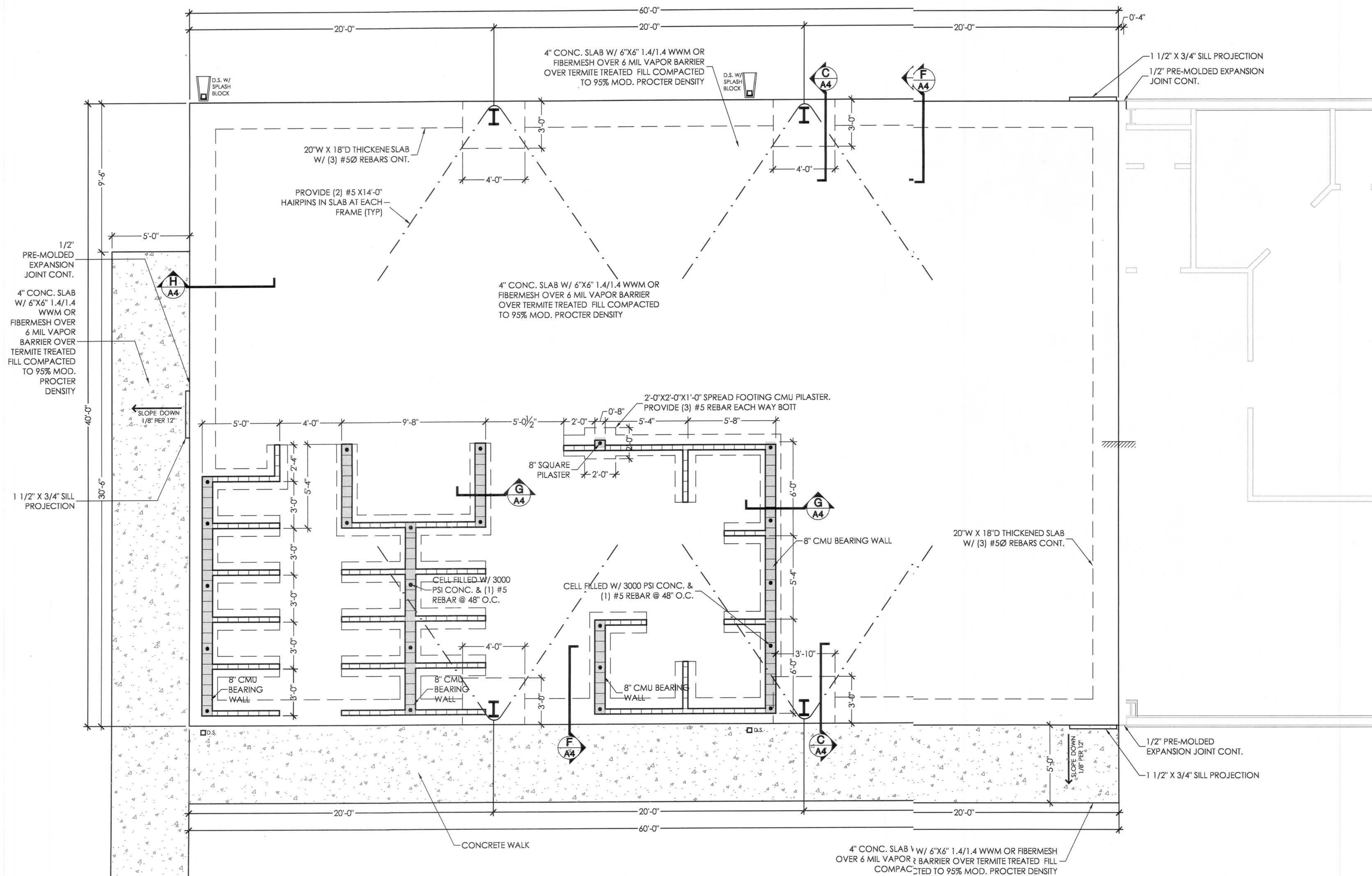
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CEILING FRAMING PLAN

1/4" = 1'-0"



FOUNDATION PLAN

1/4" = 1'-0"

GENERAL STRUCTURAL NOTES:

- 01 Concrete slabs on grade shall be a minimum 3000 PSI concrete, 4" thick with 6"x6" 10/10 welded wire mesh on 6 mil vapor barrier over suitable soil or fill material compacted to 95% Modified Proctor in accordance with ASTM D1557.
- 02 In all areas where clay is encountered, contractor shall over excavate 48" and back fill with clean, coarse sand compacted to 95% Modified Proctor. If expansive clay is encountered, obtain the recommendation of a soils engineer.
- 03 Concrete shall have a 28-day specified compressive strength of not less than 3000 PSI. The concrete mix shall be designed and proportioned so as to produce a cohesive workable mix having a slump of not less than 4 inches and not more than 6 inches. Where concrete is to be pumped, the mix design including slump shall be adjusted to produce a pumpable concrete.
- 04 Reinforcing steel shall be deformed reinforcement, and shall comply with ACI 318, Section 3.5.
- 05 Reinforcing steel shall have a minimum cover of 3" if below grade, and 2" if above grade.
- 06 Foundation designs are based on the following gravity loads:

Roof Load:	
Dead Load	=
Roof & Insulation	= 4.0 PSF
Ceiling & Misc.	= 5.0 PSF
Mechanical Electrical Plumbing Equipment	= 3.0 PSF
Structural Framing	= 4.0 PSF
Total Dead Load	= 16.0 PSF
Live Load	= 20.0 PSF
Wall Load (contributing to Column Load)	=
Dead Load	= 20 PSF

Soil bearing capacity is assumed to be 2500 PSF minimum.
Notify Architect if actual bearing capacity is less than 2500 PSF.
Notify Architect if actual contributing loads associated with structural framing are greater than those assumed above.

- 07 Wind Design Data: Florida Building Code 2004 edition
- | | |
|--------------------------------|------------------------------------|
| Building Code: | Florida Building Code 2004 edition |
| Basic Wind Speed: | 110 mph |
| Importance Factor: | 1.0 |
| Exposure Category: | B |
| Enclosure Classification: | Enclosed |
| Internal Pressure Coefficient: | 0.18 |
| Components & Cladding Area: | 10 SF |
| Area: | 10 SF |
| Zone 1 | Max/Min: 12.53 PSF / -19.90 PSF |
| Zone 2 | Max/Min: 12.53 PSF / -42.02 PSF |
| Zone 3 | Max/Min: 12.53 PSF / -42.02 PSF |
| Zone 4 | Max/Min: 21.75 PSF / -23.59 PSF |
| Zone 5 | Max/Min: 21.75 PSF / -29.12 PSF |

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0610

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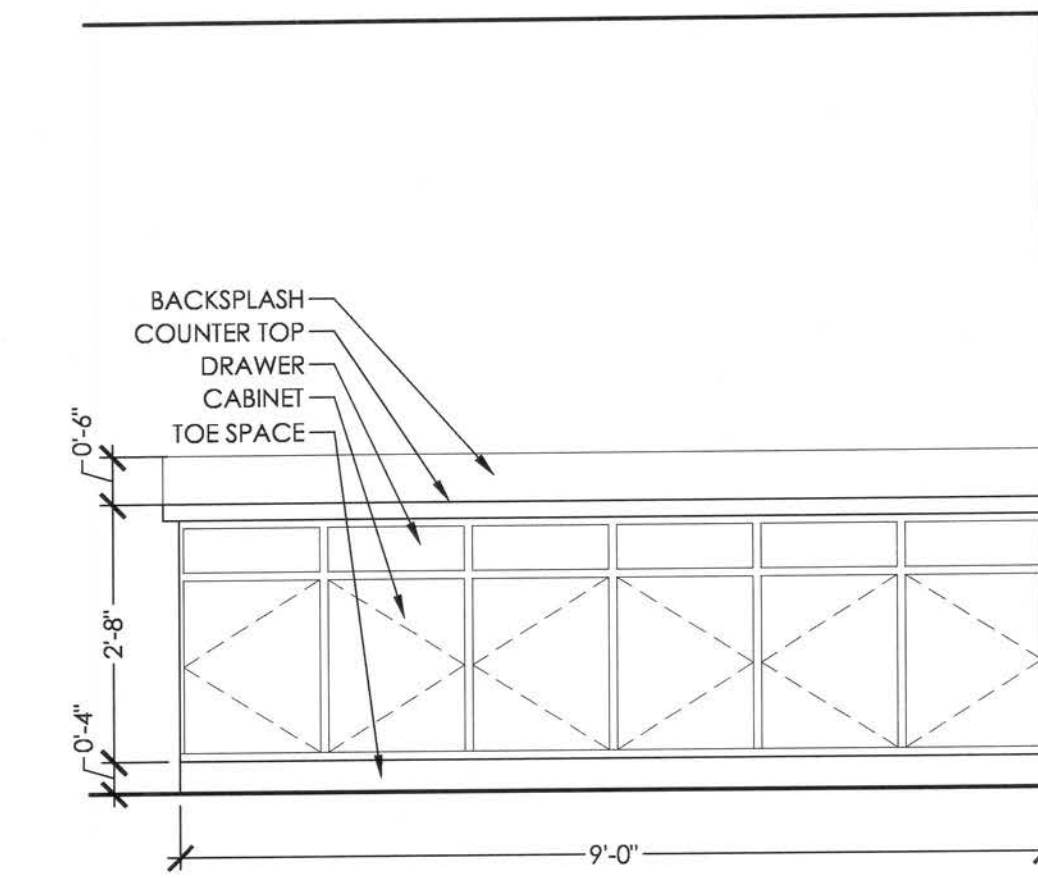
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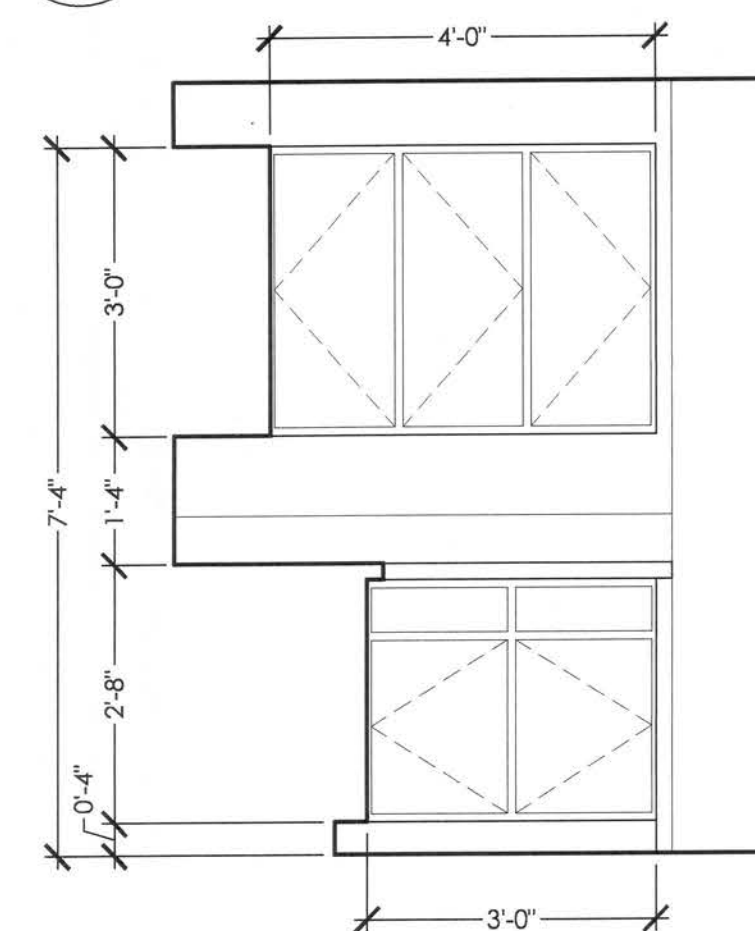
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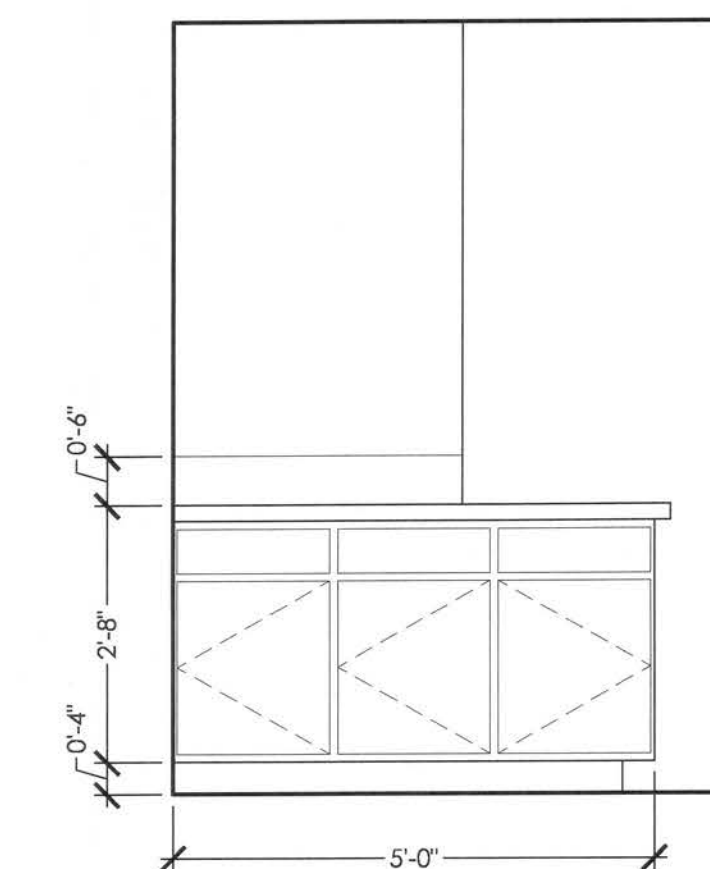
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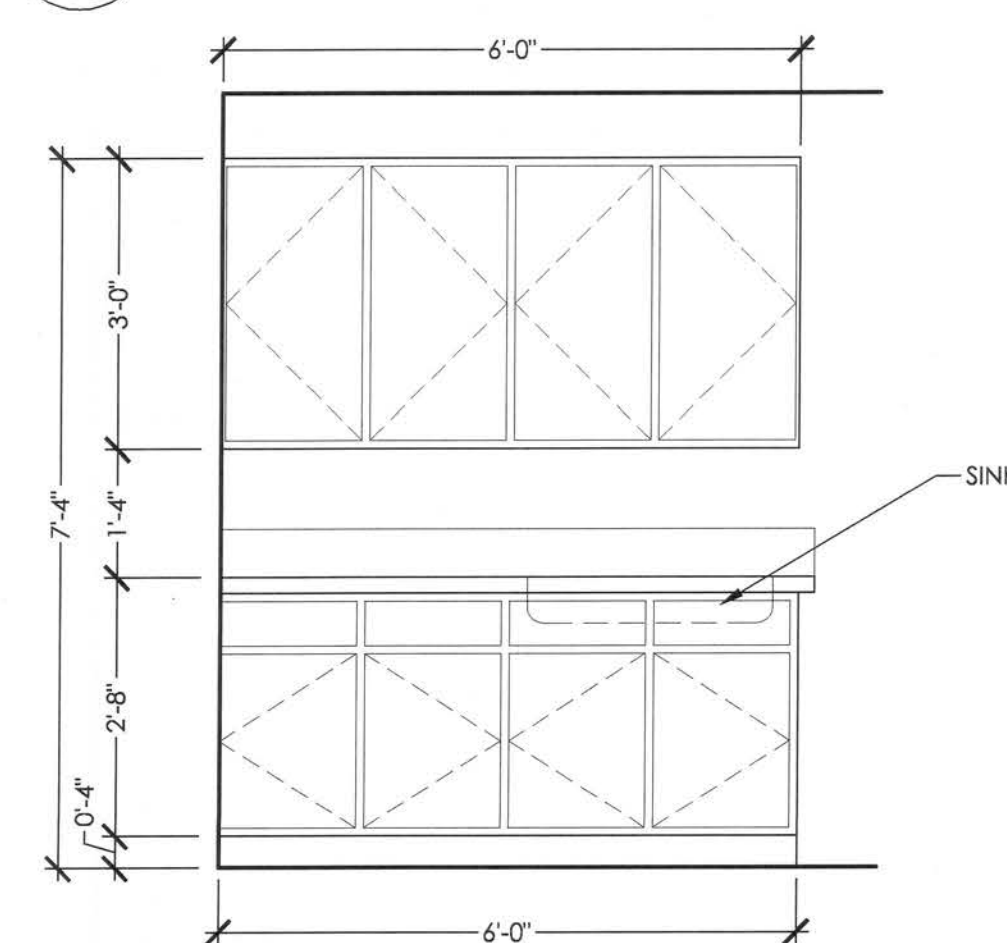
A 205 - CAT ROOM
A5 1/2" = 1'-0"



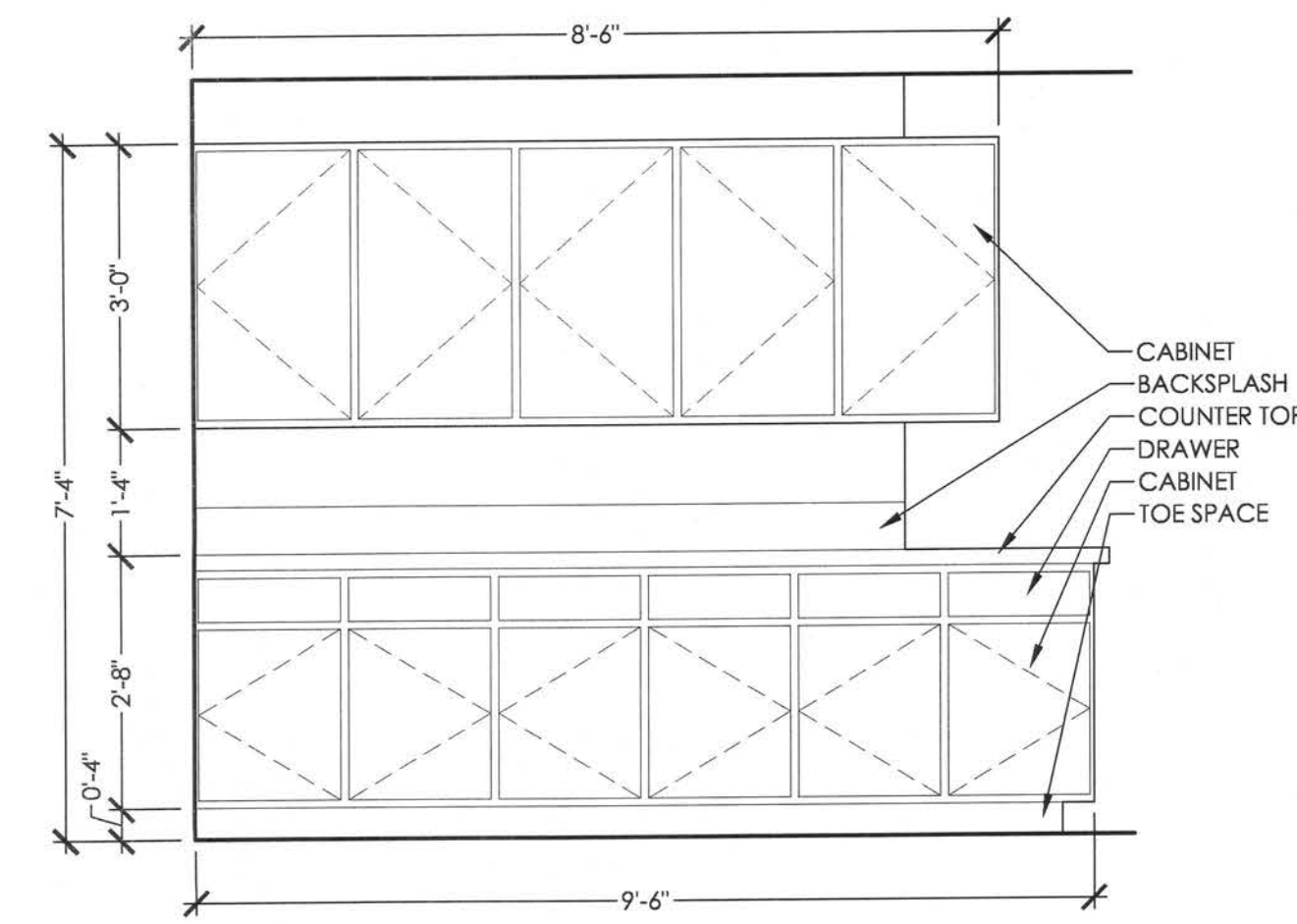
B 208 - WORKSTATION
A5 1/2" = 1'-0"



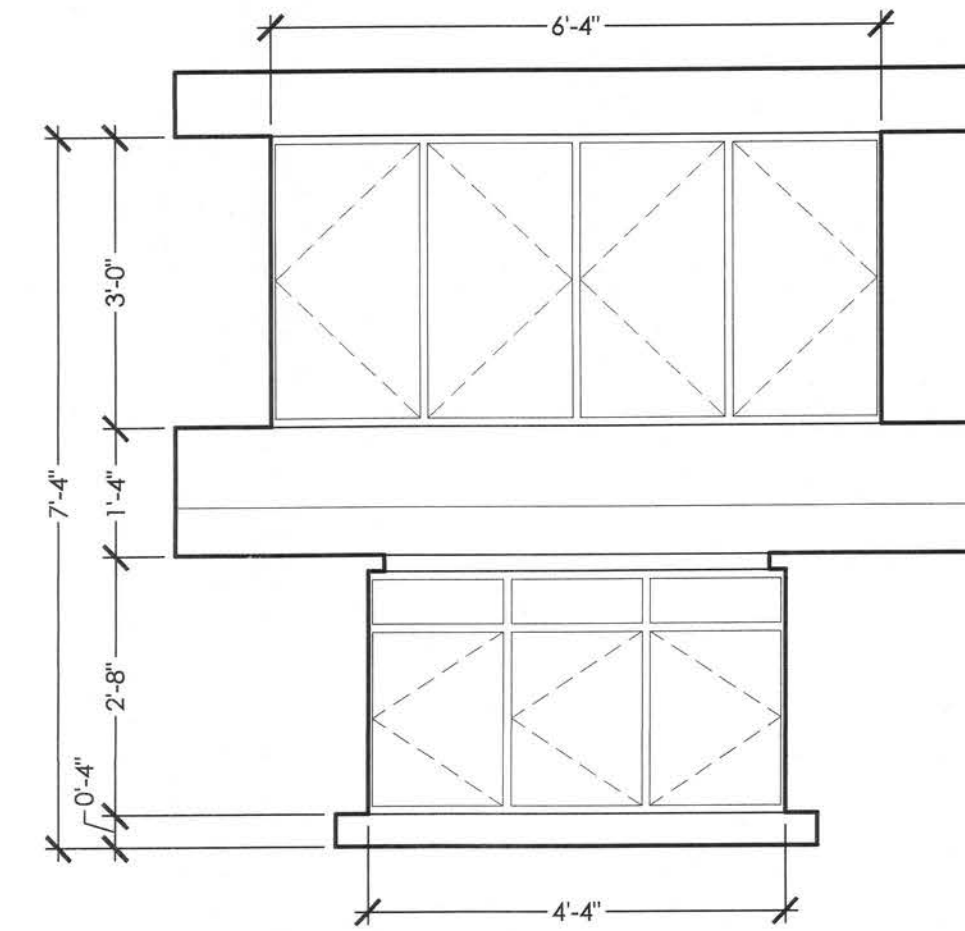
C 209 - KENNEL
A5 1/2" = 1'-0"



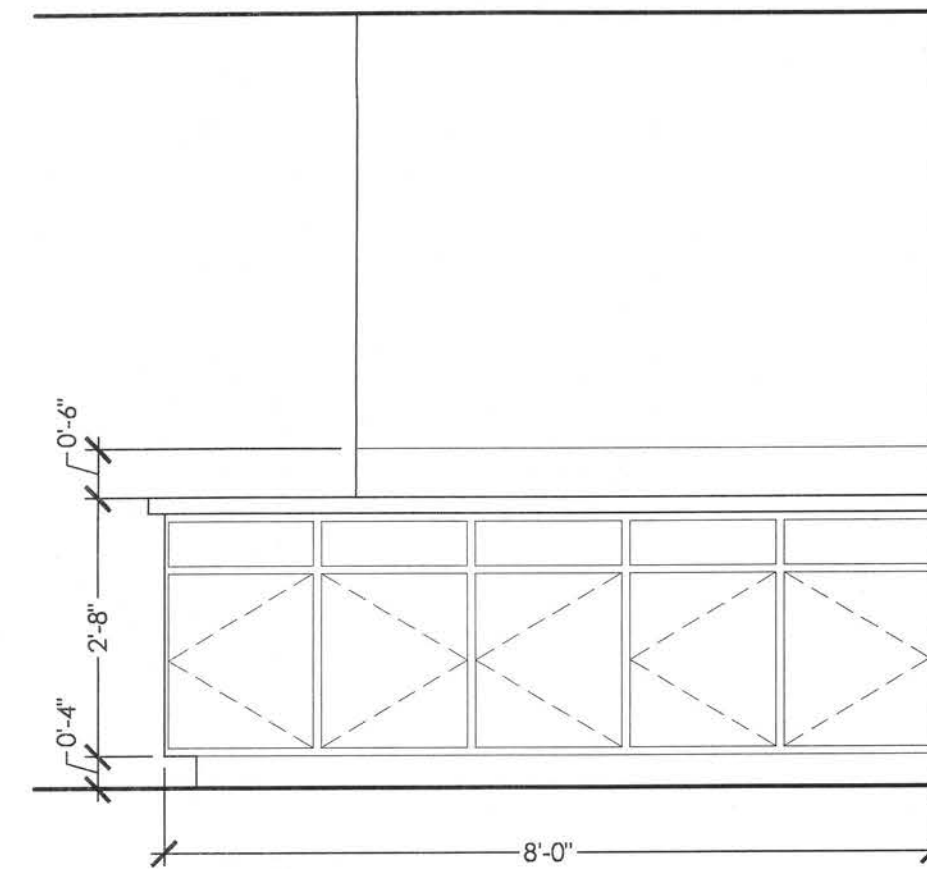
D 212 SURGERY WAITING
A5 1/2" = 1'-0"



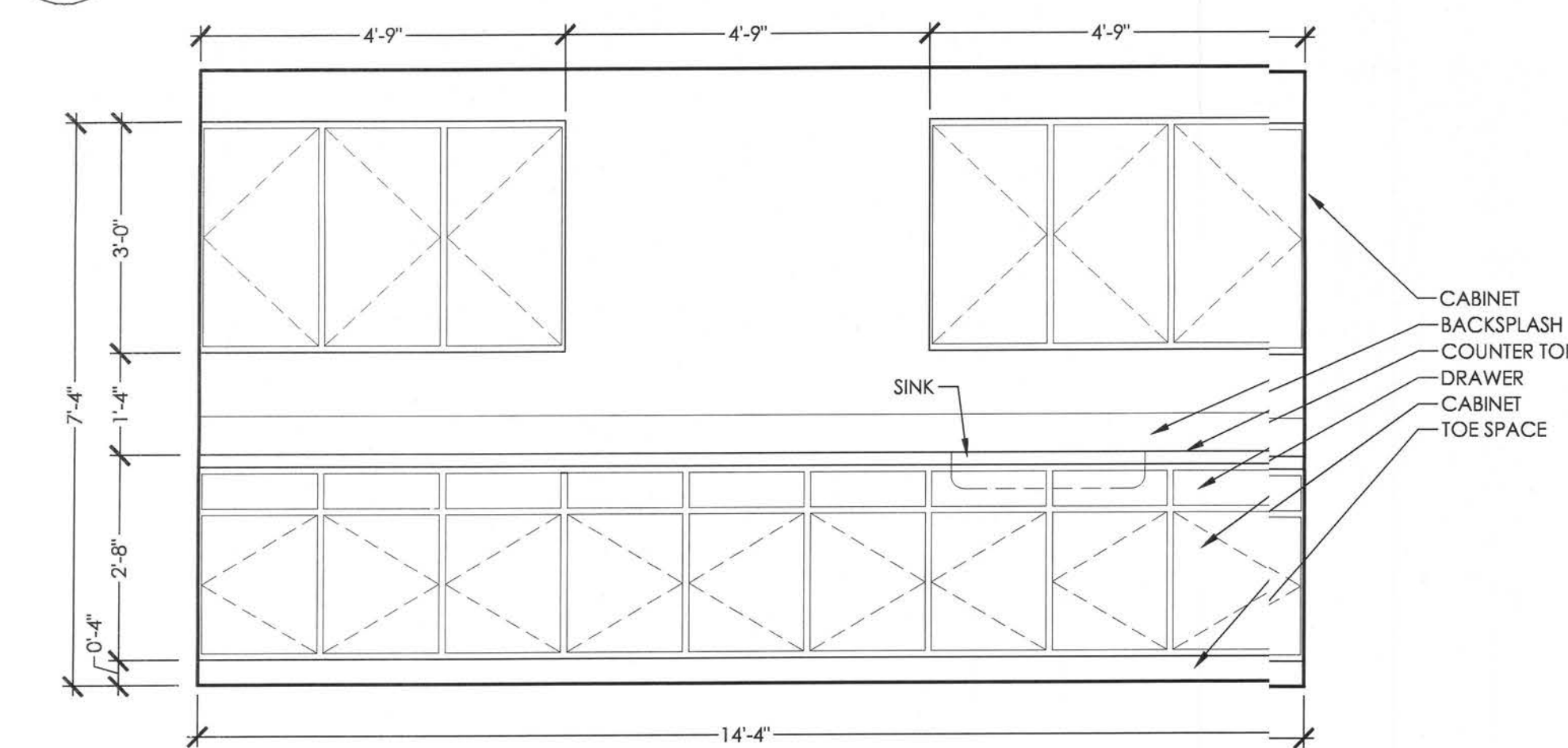
E 205 - CAT ROOM
A5 1/2" = 1'-0"



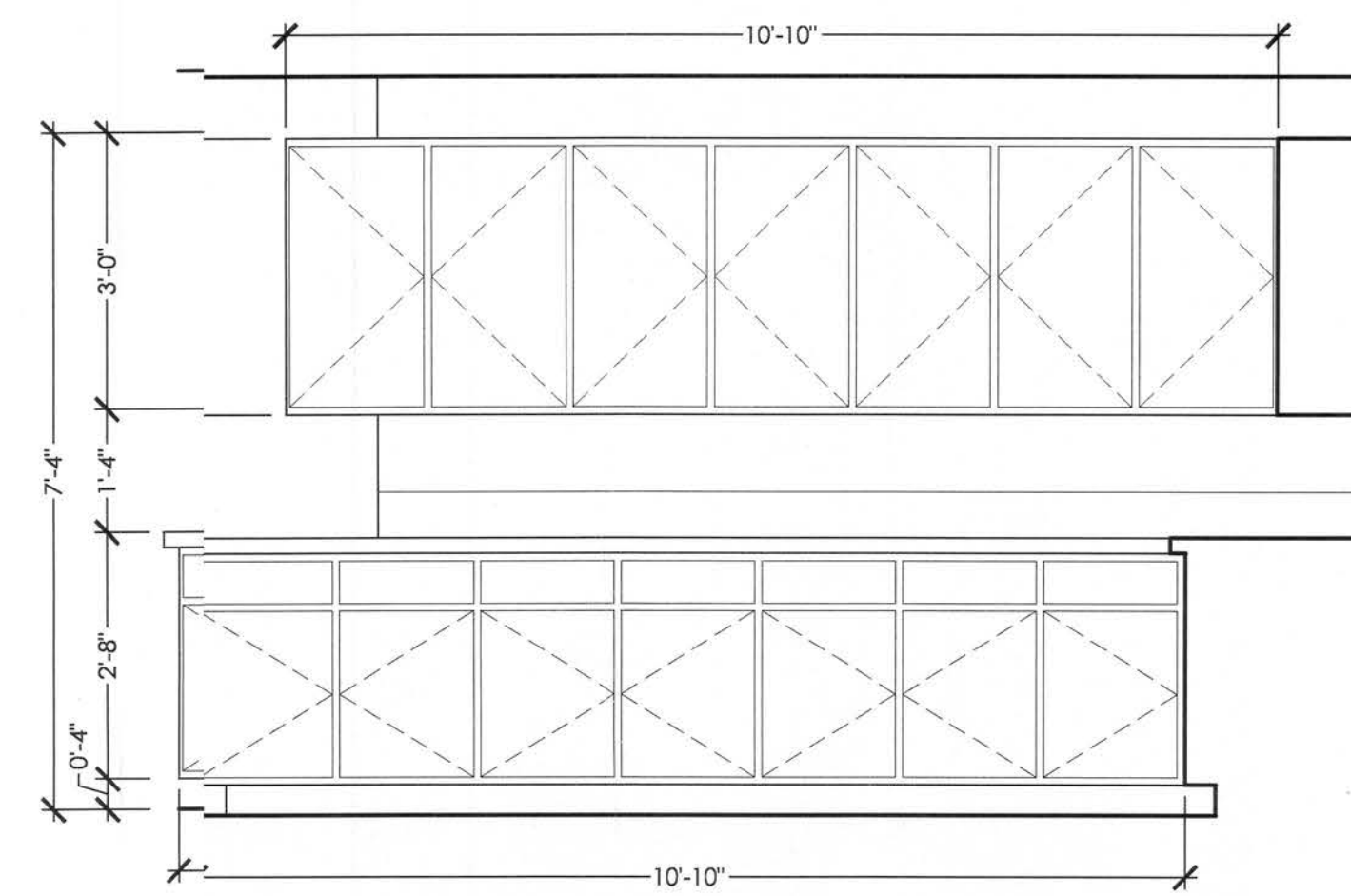
F 208 - WORKSTATION
A5 1/2" = 1'-0"



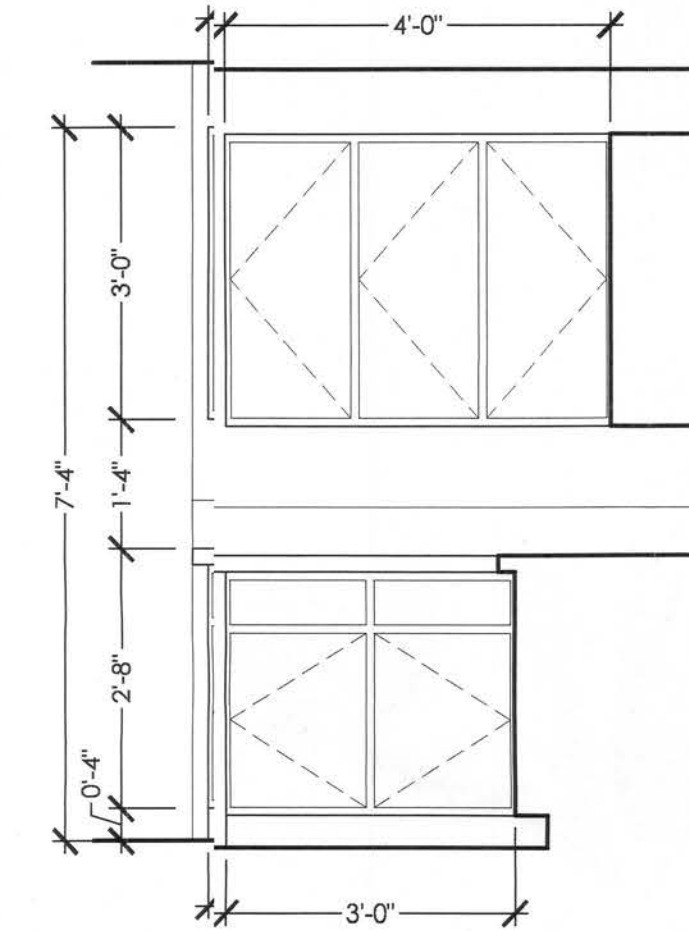
G 209 - KENNEL
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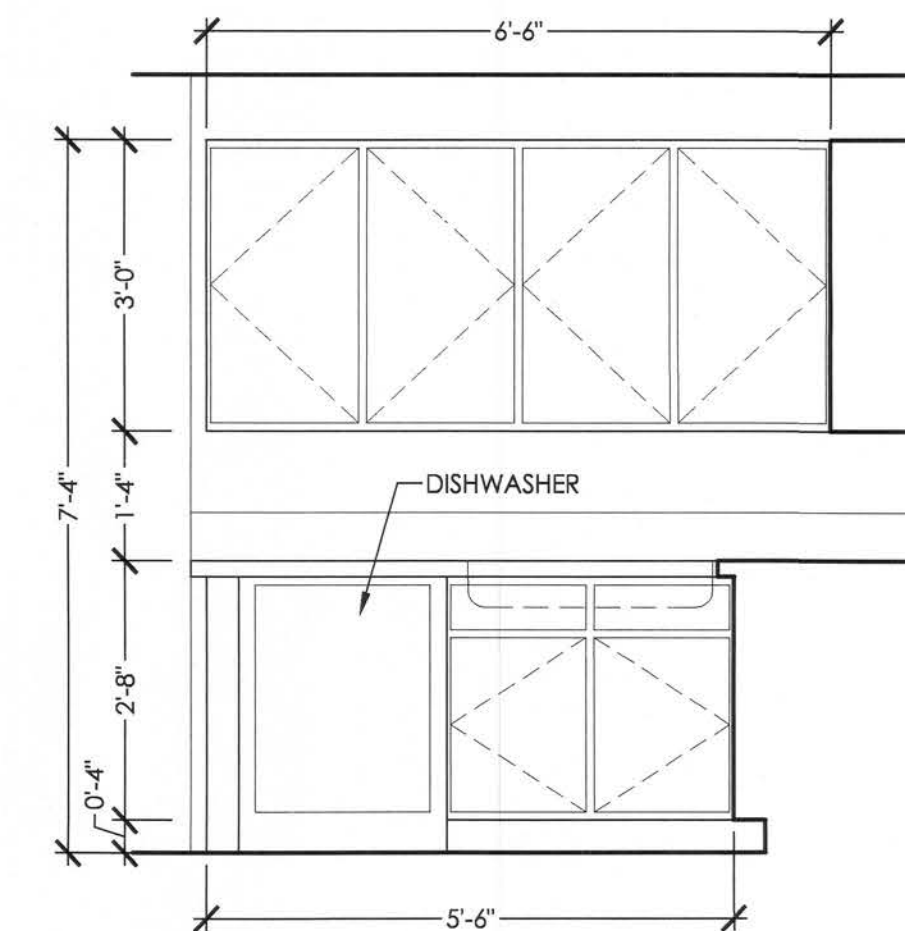
H 201 PREP ROOM
A5 1/2" = 1'-0"



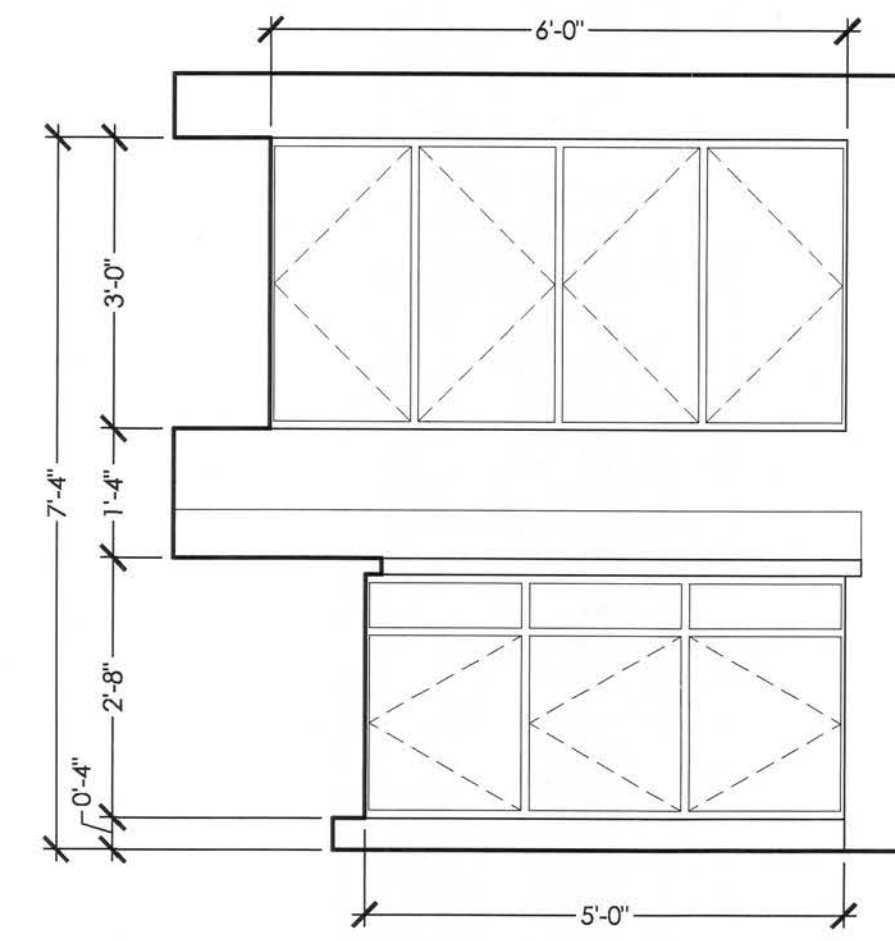
I 205 - CAT ROOM
A5 1/2" = 1'-0"



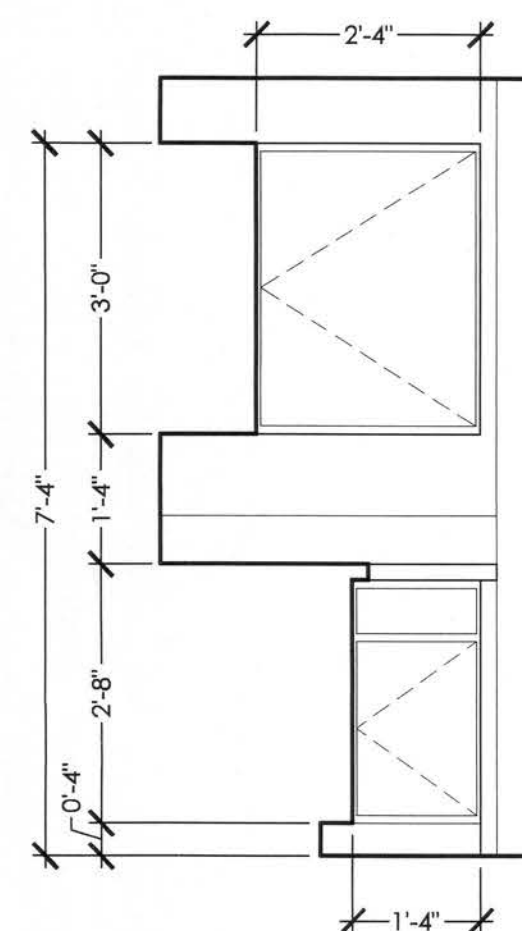
J 208 - WORKSTATION
A5 1/2" = 1'-0"



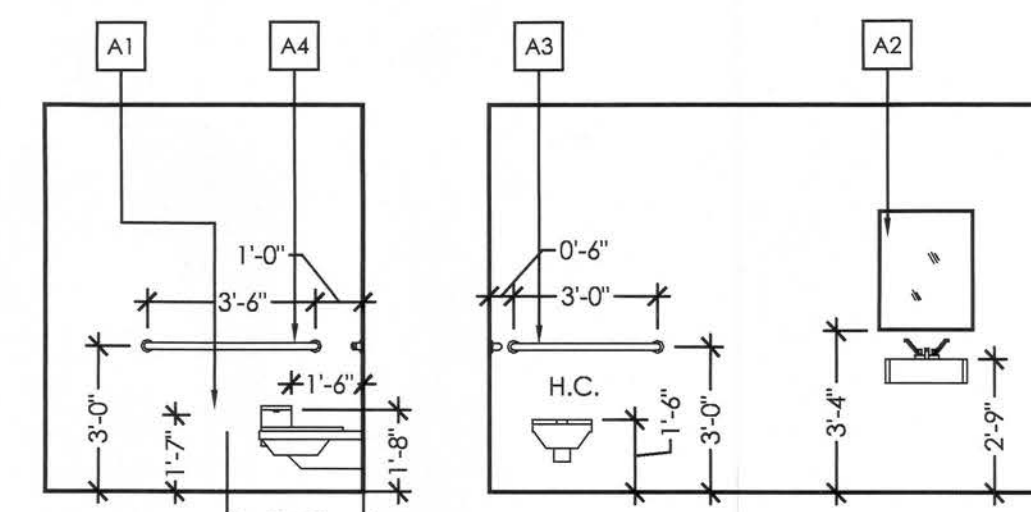
L 210 - GROOMING
A5 1/2" = 1'-0"



K 205 - CAT ROOM
A5 1/2" = 1'-0"

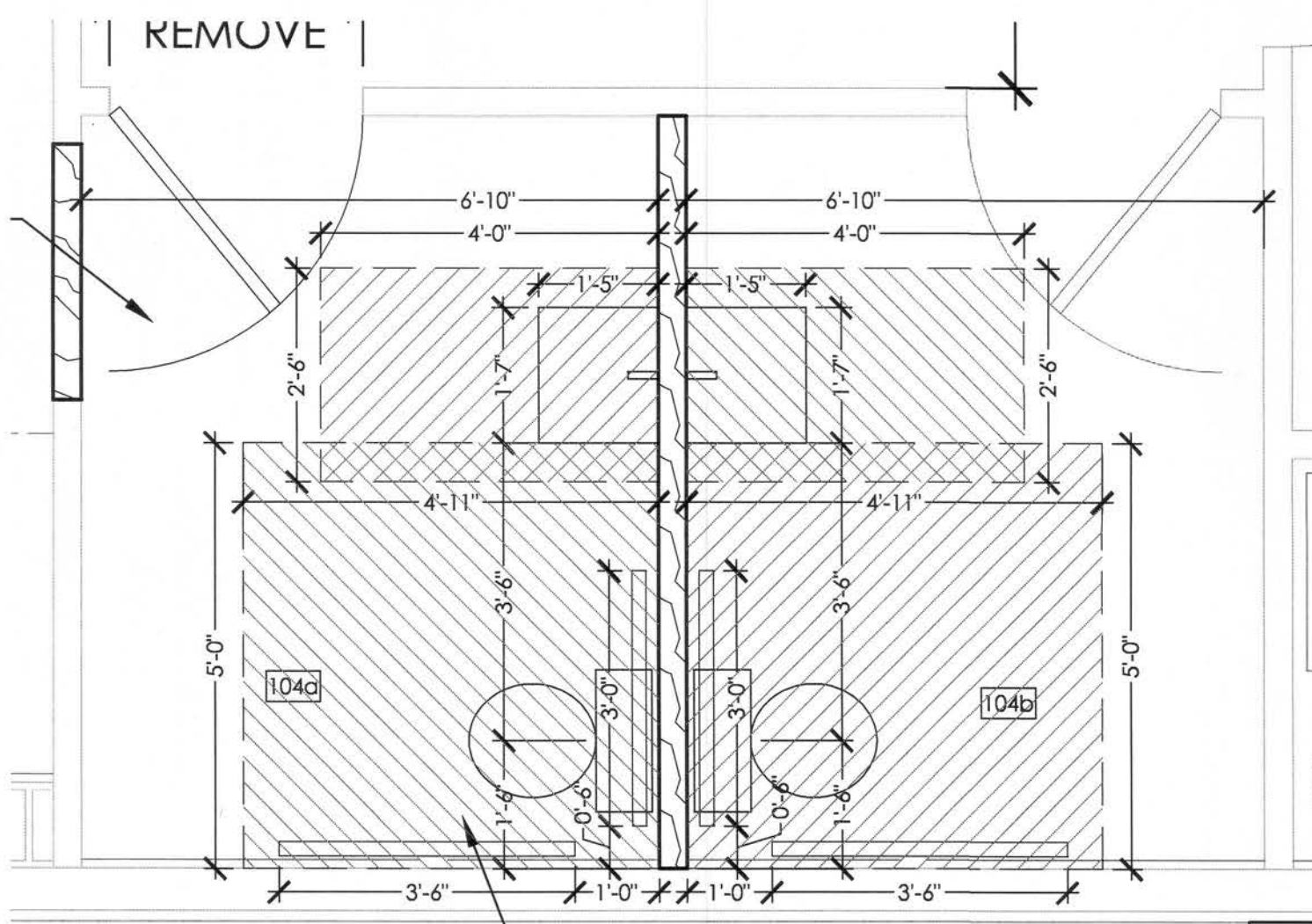


M 210 - GROOMING
A5 1/2" = 1'-0"



TYPICAL FIXTURE AND MOUNTING HEIGHTS

N.T.S.



RESTROOM PLAN DETAIL

1/2" = 1'-0"

TOILET ACCESSORIES & FIXTURES LEGEND		
TOILET ACCESSORIES ARE "CLASSIC" SERIES AS MANUFACTURED BY BOBBICK OR OWNER APPROVED EQUAL.		
TAG	MODEL NO.	DESCRIPTION
A1	B-2740	DOUBLE ROLL TOILET TISSUE DISPENSER (SURFACE MOUNTED)
A2	B-165 2436	STAINLESS STEEL FRAMED MIRROR (24" x 36" SURFACE MOUNTED 1/4" CAP HT.)
A3	B-4206 x 36	36" STAINLESS STEEL GRAB BAR PROVIDE 1 @ EA. TOILET
A4	B-4206 x 42	42" STAINLESS STEEL GRAB BAR PROVIDE 1 @ EA. TOILET

Renovation and Addition
Addison Animal Hospital
Owner: Clifford Addison, D.V.M.
222 SW County Road 252b
Lake City, Florida 32024-3827

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A5

LIGHTING SYMBOLS LEGEND

- EXHAUST FAN W/ LIGHT
- WALL MOUNTED LIGHT
- CEILING MOUNTED LIGHT
- EXIT LIGHT
- WALL MOUNTED EMERGENCY LIGHT W/ BATTERY PACK

1'X4' RECESSED FLORESCENT LIGHT

2'X4' LAYIN FIXTURE W/ 3 40W BULBS

2'X4' SURFACE MOUNTED FIXTURE W/ 3 40W BULBS

DUAL SURGICAL LIGHT - MEDICAL ILLUMINATION,
DUAL CEILING MODEL 011315
OWNER PROVIDED, CONTRACTOR INSTALLED

FLOOD LIGHTS

SWITCH

SWITCH (3-WAY)

ELECTRICAL SYMBOLS LEGEND

120 VOLT OUTLET (NUMBER INDICATES HEIGHT ABOVE FINISHED FLOOR)

120 VOLT OUTLET (GROUND FAULT INTERRUPTED)

TELEPHONE JACK AND COMPUTER CONNECTION

ELECTRICAL PANEL

LOAD CALCULATION

(BASED ON NFPA 70 220.3(C)(2))

NON-CONTINUOUS

(58) RECEPTICLES @180 VA (220.13) =	10,440 VA
(1) WATER HEATER =	4,500 VA
(1) REFRIGERATOR =	1,200 VA
(1) DISHWASHER =	1,500 VA
(1) WATER PUMP/ IRRIGATION =	2,880 VA
TOTAL =	20,520 VA
FIRST 10,000 @100% =	10,000 VA
REMAINDER @50% =	5,260 VA

CONTINUOUS

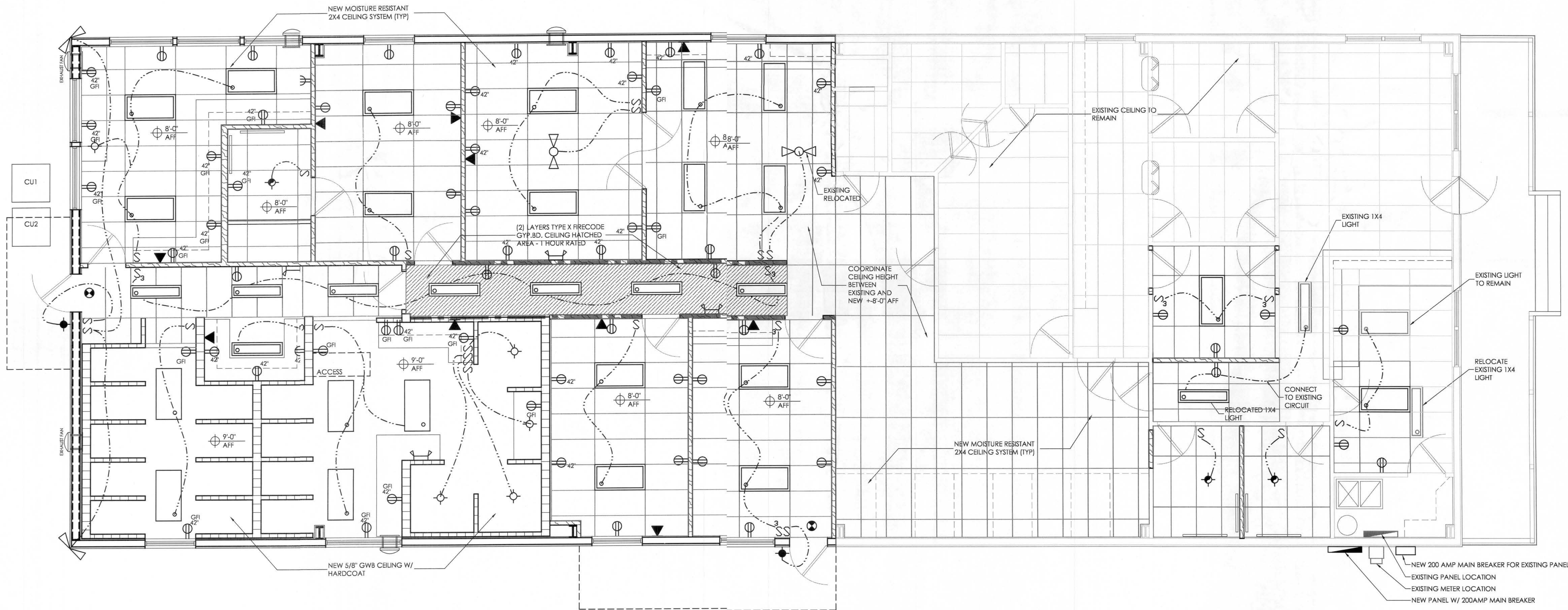
GENERAL LIGHTING	
2,400 SQUARE FEET @ 3VA (220.3(A)) =	7,200 VA

EQUIPMENT

(3) 130CFM EXHAUST FANS @ 150VA EACH =	450 VA
(1) AIR CONDITIONER (4 TON)=	10,800 VA
(1) SUGUCAL LIGHT =	400 VA

TOTAL	34,110 VA
-------	-----------

34,110 VA / 240 VOLTS = 142.13



REFLECTED CEILING, LIGHTING AND POWER PLAN

1/4" = 1'-0"



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Renovation and Addition Addison Animal Hospital Owner: Clifford Addison, D.V.M

222 SW County Road 252b
Lake City, Florida 32024-3827

Clifford Addison
08/28/07

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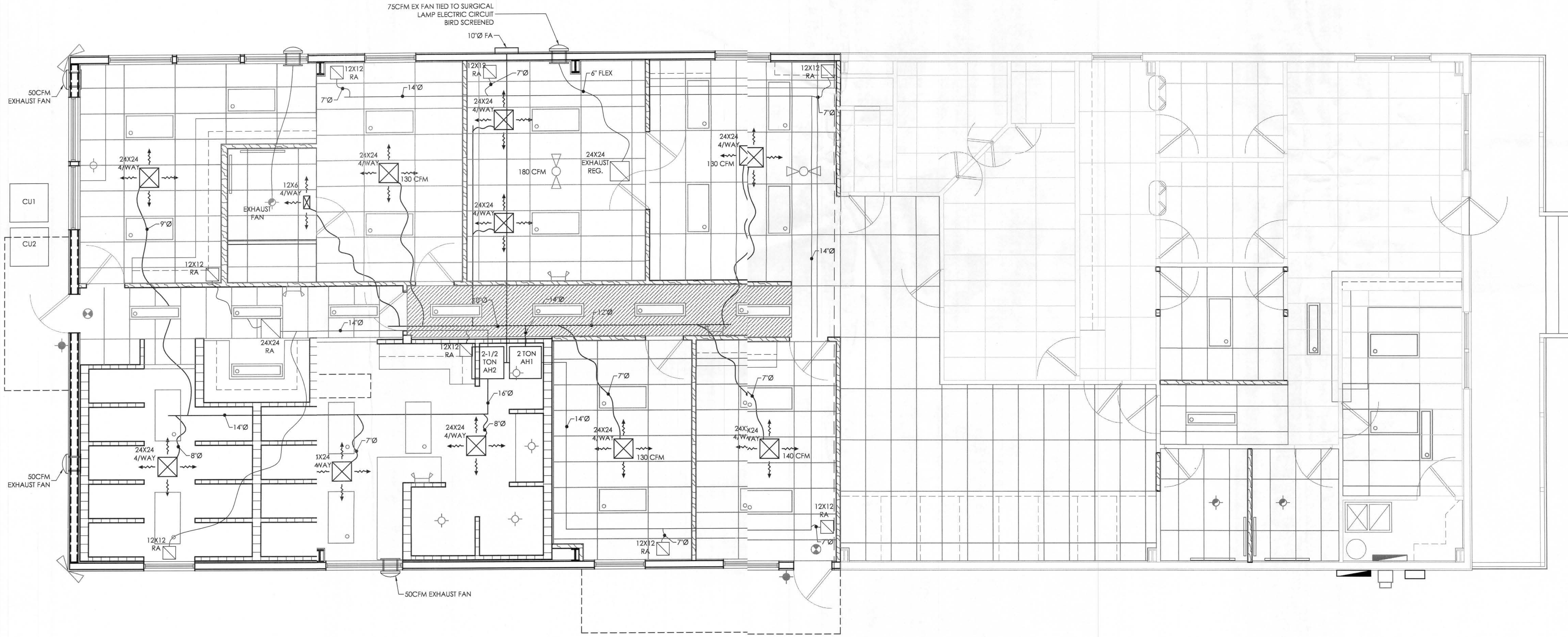
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NOTES:
UNIT - 1 2-1/2 TON UNIT HP W/10KW SH FULL 30,000 BTU COOLING
UNIT - 2 2 TON UNIT HP W/10KW SH FULL 24,000 BTU COOLING
COND UNITS TO MEET OR SURPASS FLA ENG CODE EER 13, HSPF 7.5

- LEGEND:
- 2X2 LAYIN 4/WAY OR SURFACE MOUNTED
 - 12X12 RA W/ 7'Ø
 - 2X4 LAYINN 3 BULB FIXTURE (SEE LIGHTING PLAN)
 - FLEX DUCT
 - RIDGED ROUND F.G. DUCT



HVAC PLAN
1/4" = 1'-0"



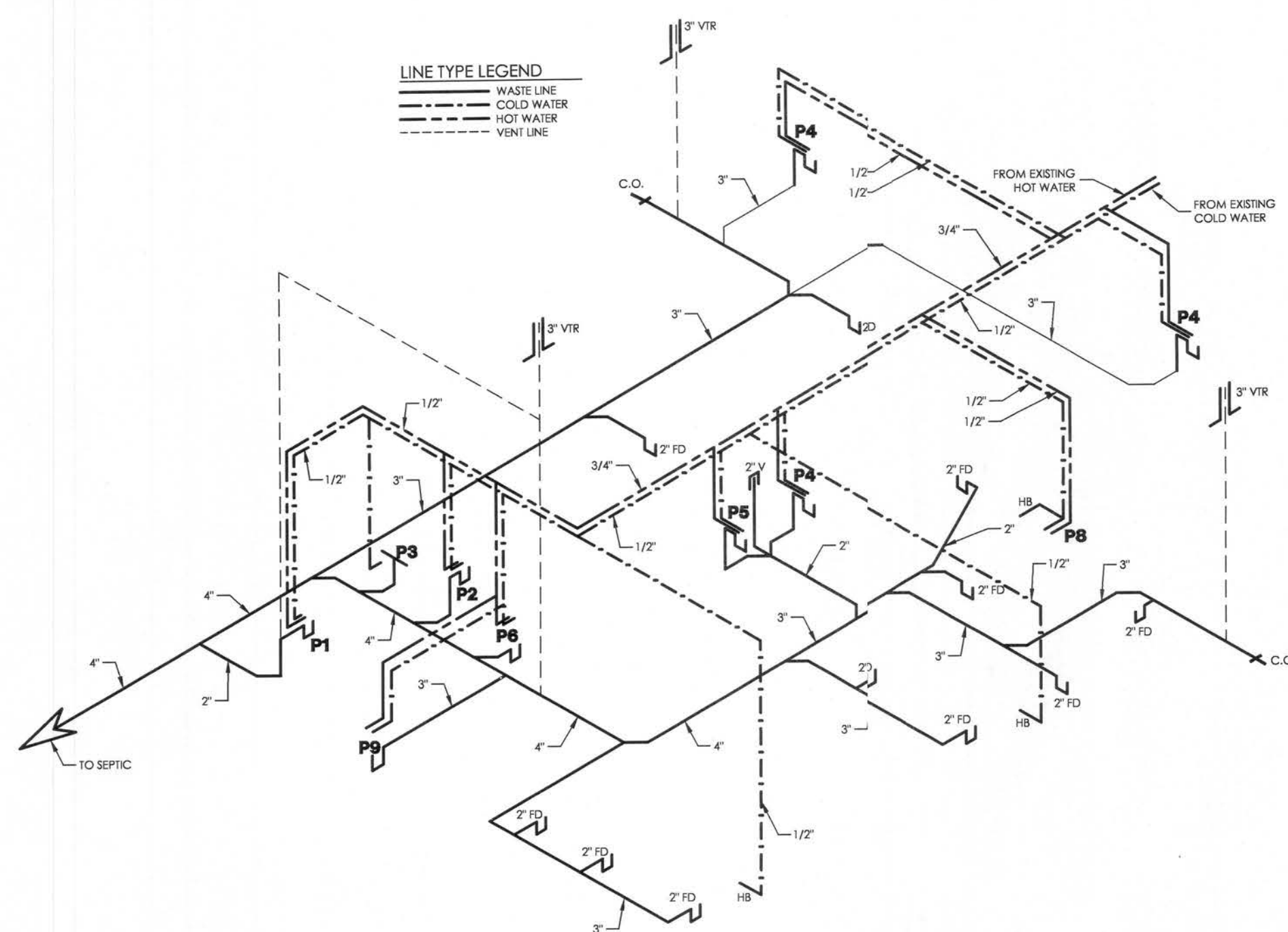
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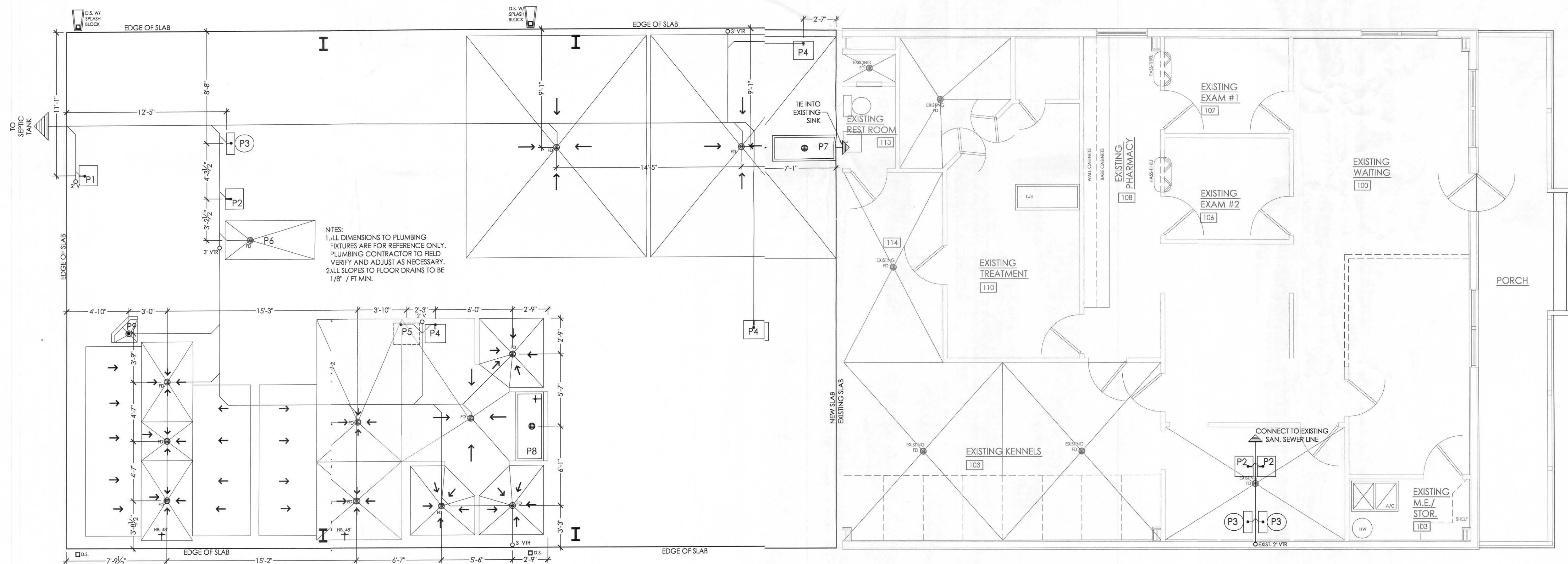
- PLUMBING NOTES**
1. PROVIDE ANGLE STOPS FOR ALL PLUMBING FIXTURES.
 2. PROVIDE ESCUTCHEONS AT ALL WALL PENETRATIONS.
 3. PLUMBING INSTALLATION, TESTING AND STERILIZING TO CONFORM TO LOCAL BUILDING CODES.
 4. PIPE INSULATION:
PIPING RUN IN WALLS OR CHASES:
3/4" TK ARMARLEX, OR EQUAL FOR ALL COLD AND HOT WATER PIPING
 5. VALVES:
CURB STOPS:
MUELLER - MARK II DRISEAL, OR EQUAL WITH VALVE BOX
ISOLATING: (SHUT OFF)
BRONZE RISING STEM GATE VALVE, WALWORTH FIG. 893, OR EQUAL

PLUMBING SCHEDULE

MARK	DESCRIPTION	SUPPLY		REMARKS
		IN	OUT	
P1	LAUNDRY TUB	HW/CW	SAN	FREE STANDING
P2	H/C SINK - WALL MOUNTED	HW/CW	SAN	
P3	H/C TOILET	CW	SAN	
P4	SINK - IN COUNTER	HW/CW	SAN	
P5	DISHWASHER	HW/CW	SAN	
P6	SHOWER	HW/CW	SAN	
P7	TUB/TABLE	HW/CW	SAN	TIE INTO EXISTING SINK
P8	GROOMING TUB	HW/CW	SAN	
P9	MOP SINK	HW/CW	SAN	24X24X12 CORNER UNIT

PLUMBING RISER DIAGRAM

N.T.S.



HVAC DUCT LAYOUT

1/4" = 1'-0"



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