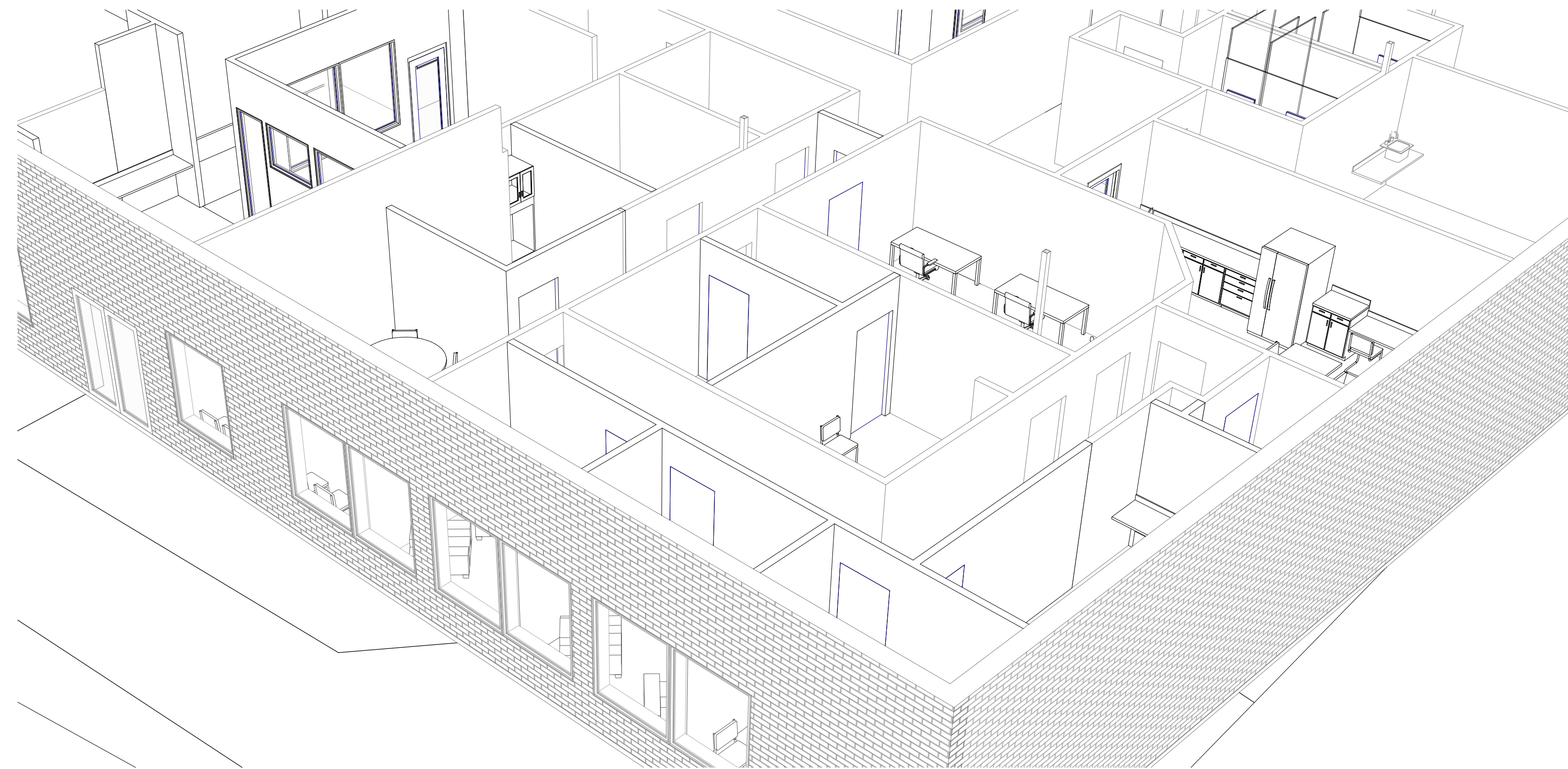


WELLNESS CENTER CENTER ARVADA



PROJECT INFORMATION:

ADDRESS:
8250 W 80TH AVE UNIT 8
ARVADA, CO 80005

SCOPE OF WORK INCLUDES:
INTERIOR COMMERCIAL
RENOVATION

ANALYSIS:
OCCUPANCY GROUP: B
CONSTRUCTION TYPE: TYPE II B

GRAPHIC STANDARDS

EXTERIOR ELEVATION
1 A4.01 DRAWING NUMBER
SHEET NUMBER

INTERIOR ELEVATION
99 A7.01 DRAWING NUMBER
SHEET NUMBER

DETAIL
1 A9.01 DRAWING NUMBER
SHEET NUMBER

WALL SECTION
1 A5.11 DRAWING NUMBER
SHEET NUMBER

BUILDING SECTION
1 A5.01 DRAWING NUMBER
SHEET NUMBER

ENLARGED DETAIL
AREA OF DRAWING TO BE ENLARGED
1 A6.01 DRAWING NUMBER
SHEET NUMBER

KEYNOTE IDENTIFICATION
NOTE NUMBER

STRUCTURAL GRID
A COLUMN LETTER
1 COLUMN REFERENCE GUIDE
COLUMN NUMBER

ELEVATION DATUM
Name LEVEL NAME
Elevation ELEVATION

ROOM/SPACE/AREA IDENTIFICATION
ROOM NAME ROOM NAME
314 ROOM NUMBER
876 SF ROOM AREA

DOOR IDENTIFICATION
DX DOOR TAG
*REFER TO DOOR SCHEDULE FOR SIZE AND OPERATION INFORMATION

WINDOW IDENTIFICATION
WX WINDOW TAG
*REFER TO WINDOW SCHEDULE FOR SIZE AND OPERATION INFORMATION

PARTITION TYPE
23A PARTITION TYPE RE: PARTITION TYPE SCHEDULE

ACOUSTIC PARTITION TYPE
76H PARTITION TYPE RE: PARTITION TYPE SCHEDULE

REVISION IDENTIFICATION
001 REVISION NUMBER
ASI REVISION DESCRIPTION

SECTION MATERIAL GRAPHICS

- CONCRETE
- UNDISTURBED OR COMPACTED EARTH
- NON-EXPANSIVE NEW FILL SOIL
- STEEL
- ALUMINUM
- MASONRY - BRICK
- MASONRY - CONCRETE BLOCK
- SPRAY FOAM INSULATION OR RIGID INSULATION
- BATT INSULATION
- GYPSUM PLASTER
- PLYWOOD
- FINISH WOOD

AIR BARRIER & INSULATION INSTALLATION

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA
GENERAL REQUIREMENTS	- A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE. - THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARRIER. - BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.	- AIR-PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.
CEILING/ ATTIC	- THE AIR BARRIER IN ANY DROPPED CEILING/ SOFFIT SHALL BE ALIGNED WITH THE INSULATION AND ANY GAPS IN THE AIR BARRIER SEALED. - ACCESS OPENINGS, DROP-DOWN STAIRS, OR KNEE WALL DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.	- THE INSULATION IN ANY DROPPED CEILING/ SOFFIT SHALL BE ALIGNED WITH THE AIR BARRIER.
WALLS	- THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED. - THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHALL BE SEALED. - KNEE WALLS SHALL BE SEALED.	- CAVITIES WITHIN THE CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL RESISTANCE OF R-3 PER INCH MINIMUM. - EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAMED WALLS SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER.
WINDOWS, SKYLIGHTS, AND DOORS	- THE SPACE BETWEEN WINDOW/DOOR JAMBS & FRAMING, AND SKYLIGHTS & FRAMING SHALL BE SEALED.	
RIM JOIST	- RIM JOIST SHALL INCLUDE THE AIR BARRIER.	- RIM JOIST SHALL BE INSULATED.
FLOORS (INCLUDING ABOVE GARAGE AND CANTILEVERED FLOORS)	- THE AIR BARRIER SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	- FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING; AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS.
CRAWL SPACE WALLS	- EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS I VAPOR RETARDER WITH OVERLAPPING JOINTS TAPED.	- WHERE PROVIDED INSTEAD OF FLOOR, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRAWL SPACE WALLS.
SHAFTS, PENETRATIONS	- DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING TO EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	
NARROW CAVITIES		- BATT IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITIES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABLE CAVITY SPACES.
GARAGE SEPARATIONS	- AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.	
RECESSED LIGHTING	- RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO DRYWALL.	- RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT AND IC RATED.
PLUMBING AND WIRING		- BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND PLUMBING AND WIRING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND BEHIND PLUMBING AND WIRING.
SHOWER/TUB ON EXTERIOR WALL	- THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM THE SHOWERS AND TUBS.	- EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED.
ELECTRICAL/PHONE BOX ON EXTERIOR WALLS	- THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.	
HVAC REGISTER BOOTS	- HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUBFLOOR OR DRYWALL.	

ARVADA CITY CODE

2018 International Residential Code
2018 International Building Code
2018 International Fire Code
2018 International Plumbing Code
2018 International Mechanical Code
2018 International Fuel Gas Code
2018 International Energy Conservation Code
2018 International Existing Building Code
2023 National Electric Code

LOCAL AMENDMENTS:
Ground Snow Load - 30 psf
Wind Speed - 136 mph Vult.
Seismic Design Category - C
Frost Depth - 36"
Winter Design Temp 99% Dry Bulb - 10° F

BUILDING INFORMATION

OCCUPANCY: B - BUSINESS
ZONING: MIXED-USE URBAN, MX-U
PARCEL PIN: 29-352-02-151

IECC COMPLIANCE

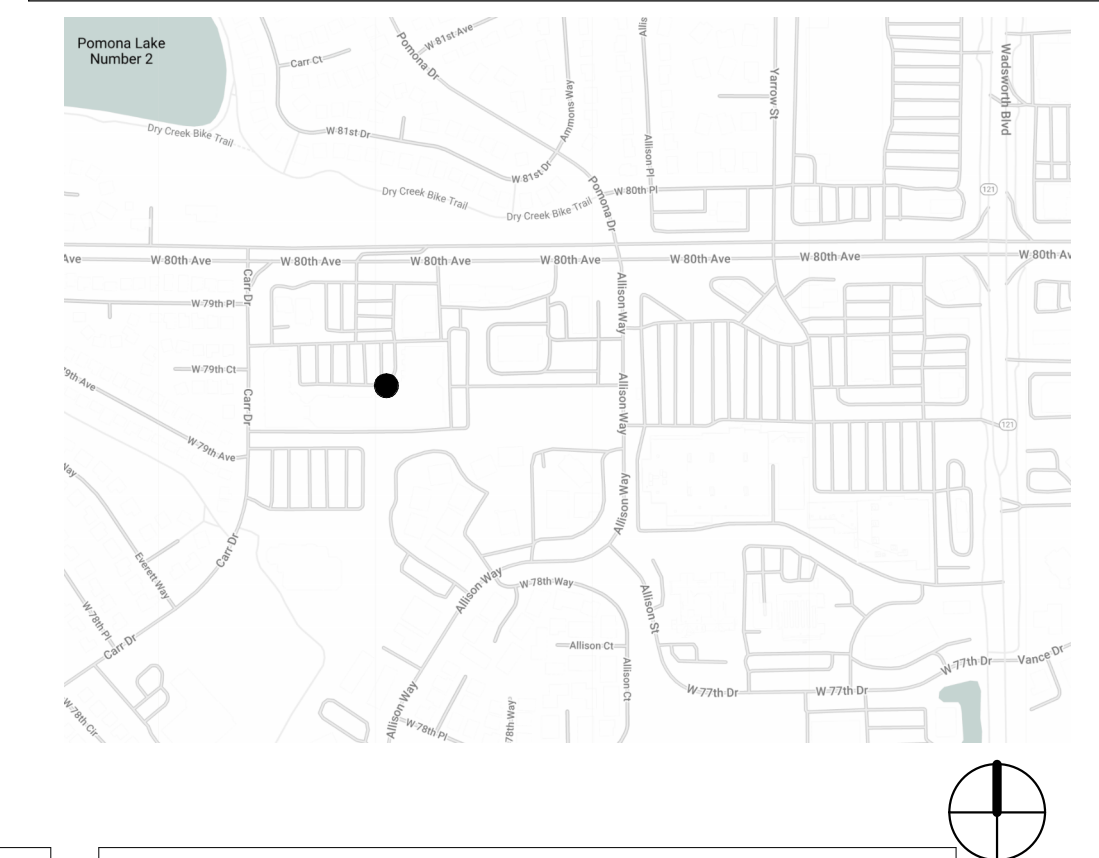
CLIMATE ZONE: 5B
WALL INSULATION: WALL CAVITY R-19
CEILING INSULATION: R-30
SLAB FLOOR INSULATION: R-10 ci
FENESTRATIONS U-FACTOR: 0.38
DUCT WORK WITHIN BUILDINGS THERMAL ENVELOPE DO NOT NEED INSULATED. SEAL DUCTS PER THE IMC

PROJECT TEAM

OWNER:
NAME: LINDA PACE SACCOMANO
CONTACT #: XXX.XXX.XXXX

ARCHITECTURE FIRM: DAKE COLLABORATIVE
NAME: MILES DAKE
CONTACT #: 720.583.4735

VICINITY MAP



SHEET LIST

SHEET NUMBER	SHEET NAME
A001	LEGEND SHEET
A002	CODE PLAN
A003	GENERAL NOTES
A004	SPECIFICATIONS
A005	SPECIFICATIONS
A103	ROOF PLAN
A801	AREA PLAN & 3D VIEWS
A201-A	DEMOLITION FLOOR PLAN - AREA A
A201-B	DEMOLITION FLOOR PLAN - AREA B
A201-C	DEMOLITION FLOOR PLAN - AREA C
A201-D	DEMOLITION FLOOR PLAN - AREA D
A102-A	DEMOLITION CEILING PLAN - AREA A

SHEET LIST

SHEET NUMBER	SHEET NAME
AD102-B	DEMOLITION CEILING PLAN - AREA B
AD102-C	DEMOLITION CEILING PLAN - AREA C
AD102-D	DEMOLITION CEILING PLAN - AREA D
A101-A	FLOOR PLAN - AREA A
A101-B	FLOOR PLAN - AREA B
A101-C	FLOOR PLAN - AREA C
A101-D	FLOOR PLAN - AREA D
A201-A	REFLECTED CEILING PLANS - AREA A
A201-B	REFLECTED CEILING PLANS - AREA B
A201-C	REFLECTED CEILING PLANS - AREA C
A201-D	REFLECTED CEILING PLANS - AREA D
A301	ENLARGED PLANS
A501	INTERIOR ELEVATIONS
A502	INTERIOR ELEVATIONS
A503	INTERIOR ELEVATIONS
A701	FINISH FLOOR PLAN
M001	MECHANICAL LEGEND
M101-B	MECHANICAL PLAN - AREA B
M101-C	MECHANICAL PLAN - AREA C
M101-D	MECHANICAL PLAN - AREA D
P001	PLUMBING LEGEND
P101	PLUMBING PLANS

LEGEND SHEET

Date	04.19.2024
Drawn by	MD
Checked by	MD
A001	
Scale	As indicated



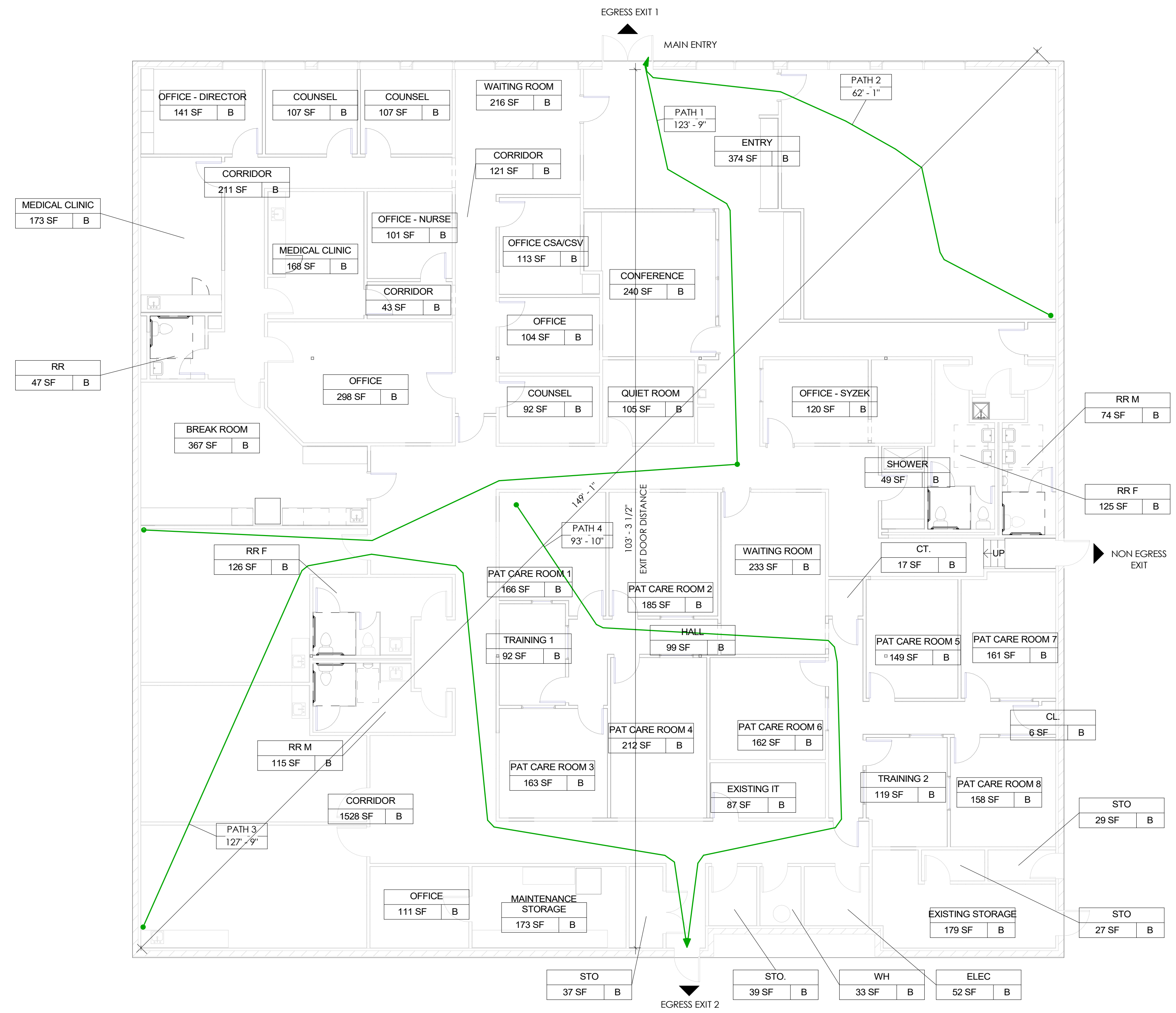
THE WELLNESS CENTER

8250 W 80TH AVE STE 8
ARVADA, CO 80005



NO.	DESCRIPTION	DATE

CODE PLAN	
Date	04.19.2024
Drawn by	MD
Checked by	MD
A002	
Scale	As indicated



1 CODE PLAN
SCALE: 1/8" = 1'-0"

CODE SUMMARY

PROJECT DESCRIPTION

1-STORY OFFICE BUILDING

GENERAL PLAN REVIEW NOTES

FIRE ALARM SYSTEM IS TO BE DESIGN-BUILD BY CONTRACTOR AND TO BE SUBMITTED FOR PERMIT SEPARATELY

USE AND OCCUPANCY CLASSIFICATIONS

USE & OCCUPANCY OFFICE: BUSINESS (B)

BUILDING HEIGHTS AND AREAS

PROPOSED CONSTRUCTION TYPE: II - B SPRINKLERED

ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE (TABLE 504.3)
- REQUIRED MAX / PROPOSED B = 75 FEET

ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE (TABLE 504.4)
- REQUIRED MAX / PROPOSED B = 4 STORIES / 1 STORIES

ALLOWABLE AREA FACTOR IN SQUARE FEET (SF) (TABLE 506.2)
- ALLOWABLE / PROPOSED B = 92,000 SF / 11,250 SF

CONSTRUCTION REQUIREMENTS

TYPE OF CONSTRUCTION: TYPE II - B (SPRINKLERED)

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) PER TABLE 601

STRUCTURAL FRAME	0 HOUR
BEARING WALLS EXTERIOR	0 HOUR
BEARING WALLS INTERIOR	0 HOUR
NON-BEARING WALLS EXTERIOR	SEE BELOW TABLE 602
NON-BEARING WALLS INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED UPON FIRE SEPARATION DISTANCE PER TABLE 602

OCCUPANCY GROUP B, TYPE V - B CONSTRUCTION	
X < 5	1 HOUR
5 < X < 10	1 HOUR
10 < X < 30	0 HOUR
X > 30	0 HOUR

INTERIOR FINISHES

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.13)

B OCCUPANCY - SPRINKLERED	
EXIT ENCLOSURES AND EXIT PASSAGEWAYS=	CLASS 'B'
CORRIDORS=	CLASS 'C'
ROOMS AND ENCLOSED SPACES=	CLASS 'C'

FIRE PROTECTION SYSTEMS

EXISTING FIRE SPRINKLER SYSTEM TO REMAIN. FIRE SPRINKLER LOCATIONS/RELOCATIONS BASED ON RENOVATION OF SPACE(S) TO BE A DEFERRED SUBMITTAL.

MEANS OF EGRESS

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (TABLE 1004.5)

BUSINESS AREA:
OFFICE/BUSINESS = 150 GSF/PERSON

OCCUPANCY LOAD (SECTION 1004)
TOTAL OCCUPANCY LOAD (11,250 SF/150) = 75 PEOPLE

NUMBER OF EXITS AND EXIT ACCESS DOORWAYS (SECTION 1006)

MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS FROM STORY (TABLE 1006.2.1): 2 EXITS
REQUIRED FOR OCCUPANCY LOAD 1-500
PROPOSED: 3 EXITS PROVIDED

EXIT ACCESS (SECTION 1017)

EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)
OCCUPANCY B WITH SPRINKLER SYSTEM = 300 FEET

DIAGONAL DISTANCE = 149'-1"
MINIMUM DOOR SEPARATION DISTANCE MUST NOT BE LESS THAN 1/2 LENGTH OF DIAGONAL DIMENSION = 149'-1"/2
EXIT DOOR DISTANCE = 74'-6" MINIMUM 1007.1.1

CORRIDOR FIRE RESISTANCE RATING FOR TYPE B OCCUPANCY,
REQUIRED/PROVIDED: 0 HOUR / 0 HOUR PER 1020.1

PLUMBING SYSTEMS

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (TABLE 2902.1)

WATER CLOSETS:

"B" OCCUPANCY FOR BUSINESS:
1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50

WATER CLOSETS REQUIRED:
REQUIRED FOR "B" PER 2902.1.2 (SINGLE-USER/SEPARATE FACILITIES) = 3 EACH
MALE / FEMALE
PROVIDED: 1 UNISEX / 2 MALE / 5 FEMALE

LAVATORIES:

"B" OCCUPANCY FOR BUSINESS:
1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80 (MALE / FEMALE)

LAVATORIES REQUIRED:
REQUIRED FOR "B" PER 2902.1.2 (SINGLE-USER/SEPARATE FACILITIES) = 2 EACH
MALE / FEMALE
PROVIDED: 1 UNISEX / 3 MALE / 3 FEMALE

DRINKING FOUNTAINS:

DRINKING FOUNTAINS SHALL CONFORM TO ASME A112.19.1M, ASME A112.19.2M OR ASME A112.19.9M AND WATER COOLERS SHALL CONFORM TO ARI 1010. DRINKING FOUNTAINS AND WATER COOLERS SHALL CONFORM TO NSF 61. SECTION 9, WHERE WATER IS SERVED IN RESTAURANTS, DRINKING FOUNTAINS SHALL NOT BE REQUIRED. IN OTHER OCCUPANCIES, WHERE DRINKING FOUNTAINS ARE REQUIRED, WATER COOLERS OR BOTTLED WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED DRINKING FOUNTAINS.

DRINKING FOUNTAINS REQUIRED:
REQUIRED FOR "B": 1 PER 100
PROVIDED: 1

SERVICE SINK:

REQUIRED FOR "B" = 1
PROVIDED: 1

SPECIFICATIONS

DIVISION 08 - DOORS AND WINDOWS

SECTION 08100 - METAL DOORS AND FRAMES

EXCEPT AS NOTED, DOOR FRAMES SHALL BE STANDARD, WELDED HOLLOW METAL FRAMES. REFER TO FLOOR PLAN AND DOOR SCHEDULE.
ALL DOORS AND FRAMES SHALL BE SET ACCURATELY IN POSITION, PLUMBED, ALIGNED, SECURED AND ANCHORED PERMANENTLY IN THE OPENING AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL SUBMIT A DOOR AND FRAME SCHEDULE WITH MANUFACTURER'S PRODUCT INFORMATION AND FINISH SAMPLES TO THE ARCHITECT FOR REVIEW AND APPROVAL. REFER TO SECTION 01300.

SECTION 08200 - WOOD DOORS

UNLESS OTHERWISE NOTED, DOORS SHALL BE SIZED AS SHOWN ON THE DOOR SCHEDULE, SOLID CORE, FLUSH WOOD FACE MATERIAL CONSTRUCTION FREE FROM ANY SCRATCHES, IRREGULARITIES OR WARPING, AND SHALL CONFORM TO A W1, CUSTOM GRADE STANDARDS. ALL WOOD DOORS TO BE PLAIN SLICED WITH CLEAR URETHANE FINISH, 3 COATS MIN. ALL WOOD DOORS ARE TO BE FULLY SEALED ALL SIDES. PROVIDE FINISH SAMPLE IN SUBMITTAL.

SECTION 08700 - DOOR HARDWARE

EXCEPT AS NOTED OTHERWISE AND NOT OTHERWISE REQUIRED BY GOVERNING CODES, ALL DOOR HARDWARE NECESSARY FOR NEW OR EXISTING OWNER INTERIOR DOORS SHALL COMPLY WITH A.D.A. REQUIREMENTS.
ALL DOORS TO OR FROM PUBLIC AREAS SHALL BE PROVIDED WITH A.D.A. COMPLIANT HARDWARE SETS AND DELAYED ACTION DOOR CLOSERS, UNLESS OTHERWISE NOTED.
PROVIDE COMPLETE HARDWARE SETS FOR EACH DOOR, INCLUDING, BUT NOT LIMITED TO, HINGES, FLUSH BOLTS, DEAD BOLTS, PANIC PUSH BARS, MORTISED CYLINDERS, BLOCKING RINGS CLOSERS, DUST-PROOF STRIKE PLATES, WEATHER-STRIPPING, DOOR BOTTOMS, THRESHOLDS AND LOCKSET. ALL DOORS HARDWARE TO BE SATIN NICKEL.
REFER TO THE DOOR SCHEDULE FOR ADDITIONAL DOOR HARDWARE AND CUSTOM DOOR HARDWARE INFORMATION.

DIVISION 09 - FINISHES

SECTION 09100 - METAL SUPPORT SYSTEMS

ALL METAL STUD FRAMING AND ACCESSORIES ARE TO BE GALVANIZED, 20 GA. MINIMUM UNLESS OTHERWISE NOTED.

SECTION 09250 - GYPSUM BOARD SYSTEMS

ALL GYPSUM WALL BOARD SHALL MEET THE FOLLOWING RECYCLED CONTENT CRITERIA:
FACE PAPER: 100% POST-CONSUMER RECYCLED CONTENT
GYPSUM: USE THE HIGHEST LEVEL OF POST-INDUSTRIAL AND POST-CONSUMER RECYCLED CONTENT THAT IS READILY AVAILABLE.
FOR GYPSUM BOARD ASSEMBLIES WITH FIRE RESISTANCE RATINGS, PROVIDE MATERIALS AND CONSTRUCTION WHERE INDICATED ON THE CONSTRUCTION DOCUMENTS WHICH HAVE BEEN TESTED BY ASTM. REFER TO INTERIOR PARTITION TYPES ON A0.05 FOR LOCATIONS OF FIRE-RATED GYPSUM BOARD.
UNLESS OTHERWISE NOTED OR REQUIRED BY SPECIFIC APPLICATION, GYPSUM BOARD SHALL BE 5/8" THICK, TYPE X.
ALL GYPSUM BOARD SURFACES IN PUBLIC AREAS ARE TO HAVE A LEVEL 5 FINISH UNLESS OTHERWISE NOTED. ALL GYPSUM BOARD SURFACES IN STORAGE AND MECHANICAL ROOMS ARE TO HAVE A LEVEL 3 FINISH UNLESS OTHERWISE NOTED.
ALL SUSPENDED GYPSUM BOARD CEILING ASSEMBLY HANGERS SHALL BE DESIGN/BUILD BY THE GENERAL CONTRACTOR PER ALL APPLICABLE CODES.
SUBMITTALS:
IN ACCORDANCE WITH SECTION 01300.
PROVIDE MANUFACTURE'S PRODUCT DATA AND MSDS.

SECTION 09310 - CERAMIC TILE

PROVIDE AND INSTALL TILE AS INDICATED ON THE DRAWINGS. TILE ASSEMBLIES SHALL INCLUDE FINISH TILE, WATERPROOF MEMBRANES, AND OTHER TILE ACCESSORIES.
SUBMITTALS
PROVIDE FULL-SIZE TILE UNIT SAMPLES FOR VERIFICATION, MINIMUM OF FIVE UNITS FOR EACH TYPE AND COLOR INDICATED. PROVIDE FULL-SIZE UNITS OF EACH TYPE OF TRIM AND ACCESSORIES FOR EACH COLOR AND FINISH INDICATED. PROVIDE GROUT SAMPLES FOR SELECTION; MANUFACTURER'S COLOR CHARTS WILL NOT BE ACCEPTED FOR REVIEW. SUBMITTALS SHALL INCLUDE PRODUCT DATA AND TEST REPORTS FOR EACH TYPE OF TILE INDICATED AND FOR EACH TYPE OF SETTING AND GROUTING PRODUCTS.
QUALITY ASSURANCE
PROVIDE FULL-SCALE MOCK-UPS TO VERIFY SELECTIONS FOR TENANT AND ARCHITECT REVIEW.
WATERPROOFING: PROVIDE MANUFACTURER'S STANDARD PRODUCTS THAT COMPLY WITH ANSI A118.10. INCLUDE REINFORCEMENT AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER.
SETTING MATERIALS: LATEX PORTLAND CEMENT MORTAR PER ANSI A118.4.
GROUT MATERIALS: TO BE DETERMINED.
ALL SETTING AND GROUT MATERIALS SHALL BE AS RECOMMENDED BY TILE MANUFACTURER.
PROVIDE MANUFACTURER'S STANDARD SILICONE PRODUCT FOR SEALING ALL GROUT JOINTS AND THAT DOES NOT CHANGE COLOR OR APPEARANCE OF GROUT. PROVIDE CURED SAMPLES FOR COLOR COMPARISON TO GROUT.
INSTALLATION
TILE INSTALLATION SHALL COMPLY WITH TCA'S "HANDBOOK OF CERAMIC TILE INSTALLATION" AND MANUFACTURER'S WRITTEN INSTRUCTIONS. MIX TILE FROM SEVERAL CARTONS DURING INSTALLATION. INSTALL CEMENTITIOUS BACKER UNITS AND TREAT JOINTS ACCORDING TO ANSI A108.11 AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
VERIFY ALL GROUT WIDTH WITH THE ARCHITECT PRIOR TO INSTALLATION
ACCURATELY FORM INTERSECTIONS AND RETURNS, PERFORM CUTTING AND DRILLING OF TILE WITHOUT MARRING VISIBLE SURFACES. CAREFULLY GRIND CUT EDGES OF TILE ABUTTING TRIM, FINISH OR BUILT-IN ITEMS FOR STRAIGHT ALIGNED JOINTS. FIT TILE CLOSELY TO ELECTRICAL OUTLETS, PIPING, FIXTURES AND OTHER PENETRATIONS SO PLATE, COLLARS OR COVERS OVERLAP TILE.

SECTION 09770 - FIBERGLASS REINFORCED PLASTIC PANELS (FRP)

SECTION INCLUDES: PREFINISHED POLYESTER GLASS REINFORCED PLASTIC SHEETS AND ADHERED TO UNFINISHED GYPSUM WALLBOARD.
PRODUCT DATA: SUBMIT SUFFICIENT MANUFACTURER'S DATA TO INDICATE COMPLIANCE WITH THESE SPECIFICATIONS, INCLUDING:
PREPARATION INSTRUCTIONS AND RECOMMENDATIONS.
STORAGE AND HANDLING REQUIREMENTS AND RECOMMENDATIONS.
INSTALLATION METHODS.
SHOP DRAWINGS: SUBMIT ELEVATIONS OF EACH WALL SHOWING LOCATION OF PANELING AND TRIM MEMBERS WITH RESPECT TO ALL DISCONTINUITIES IN THE WALL ELEVATION.
SELECTION SAMPLES: SUBMIT MANUFACTURER'S STANDARD COLOR PATTERN SELECTION SAMPLES REPRESENTING MANUFACTURER'S FULL RANGE OF AVAILABLE COLORS AND PATTERNS.
SUBMIT APPROPRIATE SECTION OF PANEL FOR EACH FINISH SELECTED INDICATING THE COLOR, TEXTURE, AND PATTERN REQUIRED.
SUBMIT COMPLETE WITH SPECIFIED APPLIED FINISH.
FOR SELECTED PATTERNS SHOW COMPLETE PATTERN REPEAT.
EXPOSED MOLDING AND TRIM: PROVIDE SAMPLES OF EACH TYPE, FINISH, AND COLOR.
MANUFACTURERS MATERIAL SAFETY DATA SHEETS (MSDS) FOR ADHESIVES, SEALANTS AND OTHER PERTINENT MATERIALS PRIOR TO THEIR DELIVERY TO THE SITE.
QUALITY ASSURANCE
CONFORM TO BUILDING CODE REQUIREMENTS FOR INTERIOR FINISH FOR SMOKE AND FLAME SPREAD REQUIREMENTS AS TESTED IN ACCORDANCE WITH: ASTM E 84 (METHOD OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS) ; WALL REQUIRED RATING - CLASS C
PRODUCT: STANDARD FRP: SMOOTH (S), WHITE (100)
PANELS: FIBERGLASS REINFORCED THERMOSETTING POLYESTER RESIN PANEL SHEETS COMPLYING WITH ASTM D 5319. COATING: MULTI-LAYER PRINT, PRIMER AND FINISH COATS OR APPLIED OVER-LAYER.
DIMENSIONS: THICKNESS - 0.090 " (2.29MM) NOMINAL, WIDTH - 4'-0" (1.22M) NOMINAL, LENGTH - 10'-0" (3.0M) NOMINAL. BACK SURFACE: SMOOTH. IMPERFECTIONS WHICH DO NOT AFFECT FUNCTIONAL PROPERTIES ARE NOT CAUSE FOR REJECTION. FRONT FINISH: 100 WHITE, SMOOTH SURFACE OUTSIDE CORNER GUARD AT ALL OUTSIDE CORNER CONDITIONS FOR FRP LOC. : M 961PVC, WHITE
INSTALLATION
PREPARATIONS - REPAIR DEFECTS PRIOR TO INSTALLATION. LEVEL WALL SURFACES TO PANEL MANUFACTURER'S REQUIREMENTS. REMOVE PROTRUSIONS AND FILL INDENTATIONS.
COMPLY WITH MANUFACTURER'S RECOMMENDED PROCEDURES AND INSTALLATION SEQUENCE. CUT SHEETS TO MEET SUPPORTS ALLOWING 1/8" (3 MM) CLEARANCE FOR EVERY 8 FOOT (2.4M) OF PANEL. CUT AND DRILL WITH CARBIDE TIPPED SAW BLADES OR DRILL BITS, OR CUT WITH SHEARS. PRE-DRILL FASTENER HOLES 1/8" (3MM) OVERSIZE WITH HIGH SPEED DRILL BIT. SPACE AT 8" (200MM) MAXIMUM ON CENTER AT PERIMETER, APPROXIMATELY 1" FROM PANEL EDGE. SPACE AT IN FIELD IN ROWS 16' (40.64CM) ON CENTER, WITH FASTENERS SPACED AT 12" (30.48 CM) MAXIMUM ON CENTER. APPLY PANELS TO BOARD SUBSTRATE, ABOVE BASE, VERTICALLY ORIENTED WITH SEAMS PLUMB AND PATTERN ALIGNED WITH ADJOINING PANELS. INSTALL PANELS WITH MANUFACTURER'S RECOMMENDED GAP FOR PANEL FIELD AND CORNER JOINTS. ADHESIVE TROWEL AND APPLICATION METHOD TO CONFORM TO ADHESIVE MANUFACTURER'S RECOMMENDATIONS. DRIVE FASTENERS FOR SNUG FIT. DO NOT OVER-TIGHTEN. APPLY PANEL MOLDINGS TO ALL PANEL EDGES USING SILICONE SEALANT PROVIDING FOR REQUIRED CLEARANCES. ALL MOLDINGS MUST PROVIDE FOR A MINIMUM 1/8 " (3MM) OF PANEL EXPANSION AT JOINTS AND EDGES, TO INSURE PROPER INSTALLATION. APPLY SEALANT TO ALL MOLDINGS, CHANNELS AND JOINTS BETWEEN THE SYSTEM AND DIFFERENT MATERIALS TO ASSURE WATERTIGHT INSTALLATION.

SECTION 09900 - PAINTING

ALL GYPSUM BOARD SURFACES, INCLUDING UTILITY AREAS ARE TO BE PAINTED WITH THREE COATS MINIMUM, TOTAL DRY FILM THICKNESS OF NOT LESS THAN 2.5 MILS. THE FIRST COAT SHALL BE INTERIOR LATEX BASE PRIMER. THE SECOND AND THIRD COATS SHALL BE ODORLESS, WATERBORNE LATEX (ACRYLIC) EMULSION PAINT.
1. ZERO-VOC PAINT: EGGSHELL, VOC CONTENT LESS THAN 5 GRAMS/LITER
2. LOW-VOC PAINT: SEMI-GLOSS, VOC CONTENT LESS THAN 50 GRAMS/LITER
SUBMITTALS:
1. PRODUCT DATA: SUBMIT A COMPLETE LIST OF PAINT MATERIALS PROPOSED FOR USE, TOGETHER WITH MANUFACTURER'S TECHNICAL INFORMATION, INCLUDING PAINT LABEL ANALYSIS, VOC CONTENT, AND MATERIAL SAFETY DATA SHEETS.
2. COLOR SAMPLES FOR COLORS INDICATED ON THE CONSTRUCTION DOCUMENTS.
THE GENERAL CONTRACTOR SHALL PROVIDE 'WDI' STAIN SAMPLES FOR TENANT AND ARCHITECT REVIEW.
ALL STEEL SURFACES ARE TO BE FINISHED WITH A CLEAR POLYURETHANE WATER-BASED FINISH, MINIMUM THREE COATS. ALL CLEAR URETHANE FINISHES ARE TO HAVE A MAXIMUM VOC CONTENT OF 170 GRAMS/LITER. PRODUCT DATA AND MSDS TO BE SUBMITTED IN ACCORDANCE WITH SECTION 01300.
REFER TO CONSTRUCTION DOCUMENTS FOR PAINT COLOR SCHEDULE. THE CONTRACTOR SHALL SUBMIT PAINT SAMPLES, PRODUCT DATA AND MSDS IN ACCORDANCE WITH SECTION 01300.

DIVISION 10 - SPECIALTIES

SECTION 10520 - FIRE PROTECTION SPECIALTIES

THE CONTRACTOR SHALL PROVIDE AND INSTALL PORTABLE FIRE EXTINGUISHERS WITHIN THE DINING AND KITCHEN AREAS AS REQUIRED PER THE LOCAL FIRE PROTECTION DISTRICT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL FIRE EXTINGUISHER CABINETS WITH THE ARCHITECT.

SECTION 10800 - TOILET ACCESSORIES

THE CONTRACTOR SHALL PROVIDE SOLID BLOCKING AS REQUIRED FOR PROPER MOUNTING OF ALL TOILET AND BATH ACCESSORIES.
SUBMITTALS:
1. IN ACCORDANCE WITH SECTION 01300

DIVISION 11 - EQUIPMENT

SECTION 11400 - KITCHEN EQUIPMENT

ALL KITCHEN EQUIPMENT IS TO BE PROVIDED BY THE OWNER, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL RELATED M.E.P. HOOK-UPS.

DIVISION 12 - FURNISHINGS

SECTION 12494 - ROLLER SHADES

INSTALL WINDOW SHADES PROVIDED BY TENANT.
SUBMITTALS
PROVIDE PRODUCT DATA: MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED, INCLUDING:
PREPARATION INSTRUCTIONS AND RECOMMENDATIONS.
STYLES, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS, PROFILES, FEATURES, FINISHES AND OPERATING INSTRUCTIONS.
STORAGE AND HANDLING REQUIREMENTS AND RECOMMENDATIONS.
MOUNTING DETAILS AND INSTALLATION METHODS.
SHOP DRAWINGS: PLANS, ELEVATIONS, SECTIONS, PRODUCT DETAILS, INSTALLATION DETAILS, OPERATIONAL CLEARANCES AND RELATIONSHIP TO ADJACENT WORK.
WINDOW TREATMENT SCHEDULE: FOR ALL ROLLER SHADES. COORDINATE WITH TENANT.
QUALITY ASSURANCE
MOCK-UP: PROVIDE A MOCK-UP OF ONE ROLLER SHADE ASSEMBLY FOR EVALUATION OF MOUNTING, APPEARANCE AND ACCESSORIES.
LOCATE MOCK-UP IN WINDOW DESIGNATED BY ARCHITECT.
DO NOT PROCEED WITH REMAINING WORK UNTIL MOCK-UP IS ACCEPTED BY ARCHITECT.
MANUFACTURER QUALIFICATIONS: OBTAIN ROLLER SHADES THROUGH OWNER.
PROJECT CONDITIONS
ENVIRONMENTAL LIMITATIONS: INSTALL ROLLER SHADES AFTER FINISH WORK INCLUDING PAINTING IS COMPLETE AND AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT THE LEVELS INDICATED FOR PROJECT WHEN OCCUPIED FOR ITS INTENDED USE.

SECTION 12600 - FURNITURE AND ACCESSORIES

THE OWNER WILL PROVIDE AND INSTALL ALL ARTWORK AND OTHER MISCELLANEOUS INTERIOR SIGNAGE, UNLESS OTHERWISE NOTED.
THE CONTRACTOR WILL PROVIDE ALL FURNITURE.

DIVISION 13 - SPECIAL CONSTRUCTION

NOT USED

DIVISION 14 - CONVEYING SYSTEMS

NOT USED

DIVISION 15 - MECHANICAL

SECTION 15050 - MECHANICAL MEANS AND METHODS

REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS. REFER TO SHEET A401 FOR LOCATIONS OF ALL HVAC DEVICES. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL MECHANICAL DIFFUSERS, VENTS, GRILLES, ETC. WITH THE ARCHITECT PRIOR TO INSTALLATION.

SECTION 15990 - TESTING, ADJUSTING AND BALANCING

THE CONTRACTOR SHALL PROVIDE A SYSTEM TESTING AND BALANCING REPORT FOR THE ARCHITECT AND ARCHITECT'S CONSULTANTS REVIEW WITH THE CONTRACTOR'S FINAL PUNCH LIST.

DIVISION 16 - ELECTRICAL

SECTION 16050 - ELECTRICAL MEANS AND METHODS

REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

SECTION 16140 - WALL SWITCHES AND RECEPTACLES

THE CONTRACTOR SHALL FIELD VERIFY WITH THE ARCHITECT THE COLOR OF ALL ELECTRICAL RECEPTACLE AND SWITCH PLATES. WALL PLATES AT WOOD AND METAL WALLS ARE TO BE BLACK. WHITE PLATES ARE ONLY PERMITTED ON WHITE WALLS OR AREAS THAT ARE NOT VISIBLE TO THE PUBLIC.

SECTION 16500 - LIGHTING

REFER TO LIGHTING PLANS. ALL LIGHT FIXTURES ARE TO BE LOCATED AS SHOWN. ALL MOUNTING HEIGHTS OF PENDANT FIXTURES ARE TO BE FIELD VERIFIED WITH THE OWNER AND ARCHITECT. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ELECTRICAL AND ARCHITECTURAL PLANS PRIOR TO PROCEEDING WITH WORK.
SUBMIT PRODUCT DATA FOR ALL LIGHTING SYSTEM COMPONENTS INCLUDING, BUT NOT LIMITED TO, COLOR, FINISH, MOUNTING HARDWARE, AND LAMPING; PROVIDE DETAILS FOR ANY NON-STANDARD MOUNTING CONFIGURATIONS. STANDARD FIXTURE MOUNTING IS ASSUMED TO BE MANUFACTURER'S STANDARD OR CUSTOM LENGTH SUSPENSION SYSTEM AND POWER CORD CONNECTION DIRECTLY TO THE CEILING MOUNTED J-BOXES, WHERE APPLICABLE.



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NO.	DESCRIPTION	DATE

SPECIFICATIONS

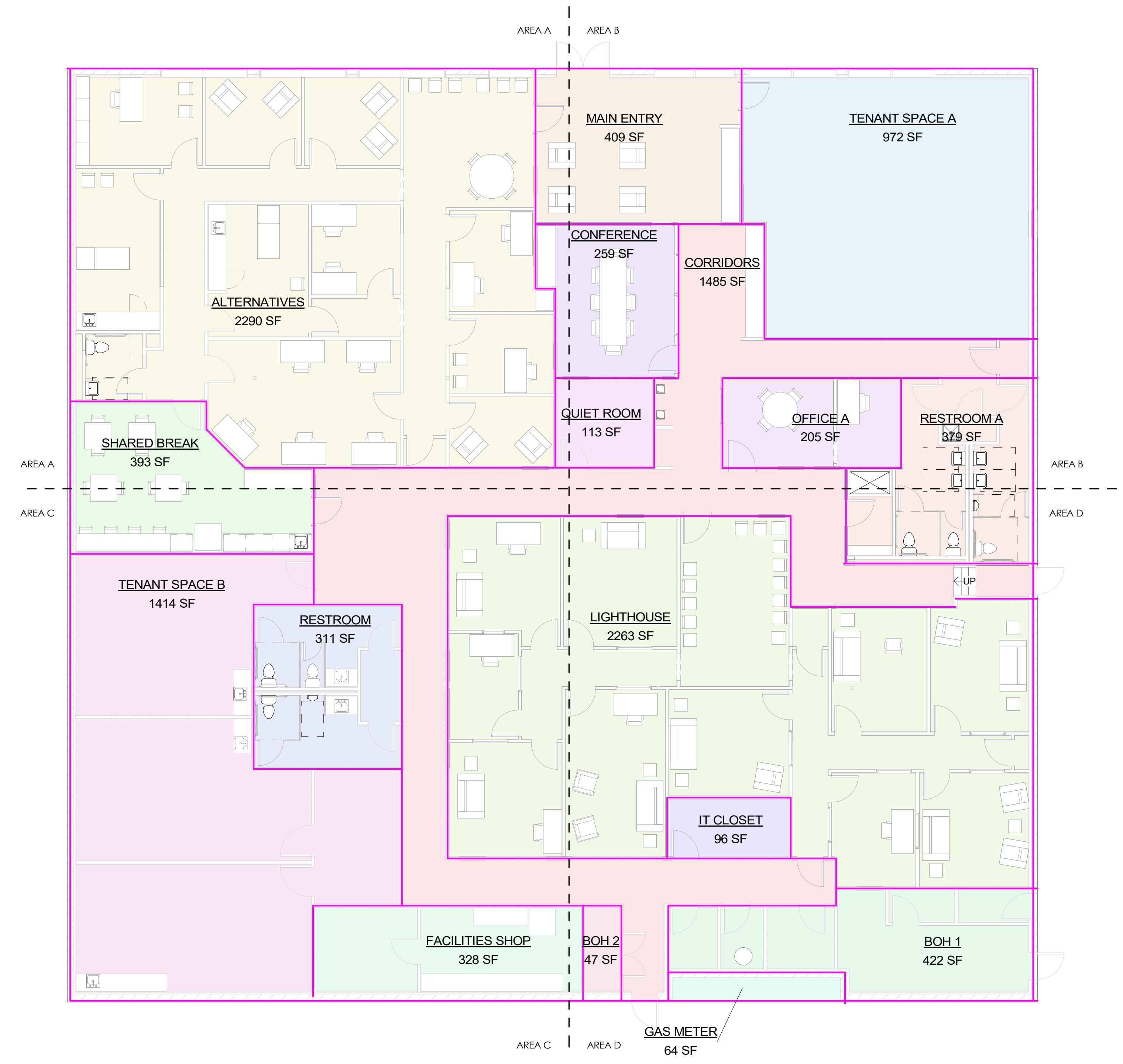
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Checked by	MD
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Scale	12" = 1'-0"

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AREA SCHEDULE		
Name	Area	Type
OFFICE A	205 SF	RENTABLE - UNCLAIMED
TENANT SPACE A	972 SF	RENTABLE - UNCLAIMED
TENANT SPACE B	1414 SF	RENTABLE - UNCLAIMED
ALTERNATIVES	2290 SF	RENTABLE - CLAIMED
LIGHTHOUSE	2263 SF	RENTABLE - CLAIMED
BOH 1	422 SF	COMMON
BOH 2	47 SF	COMMON
CONFERENCE	259 SF	COMMON
CORRIDORS	1485 SF	COMMON
FACILITIES SHOP	328 SF	COMMON
GAS METER	64 SF	COMMON
IT CLOSET	96 SF	COMMON
MAIN ENTRY	409 SF	COMMON
QUIET ROOM	113 SF	COMMON
RESTROOM	311 SF	COMMON
RESTROOM A	379 SF	COMMON
SHARED BREAK	393 SF	COMMON



1 LEVEL 1 - PROPOSED AREA PLAN
SCALE: 1/8" = 1'-0"

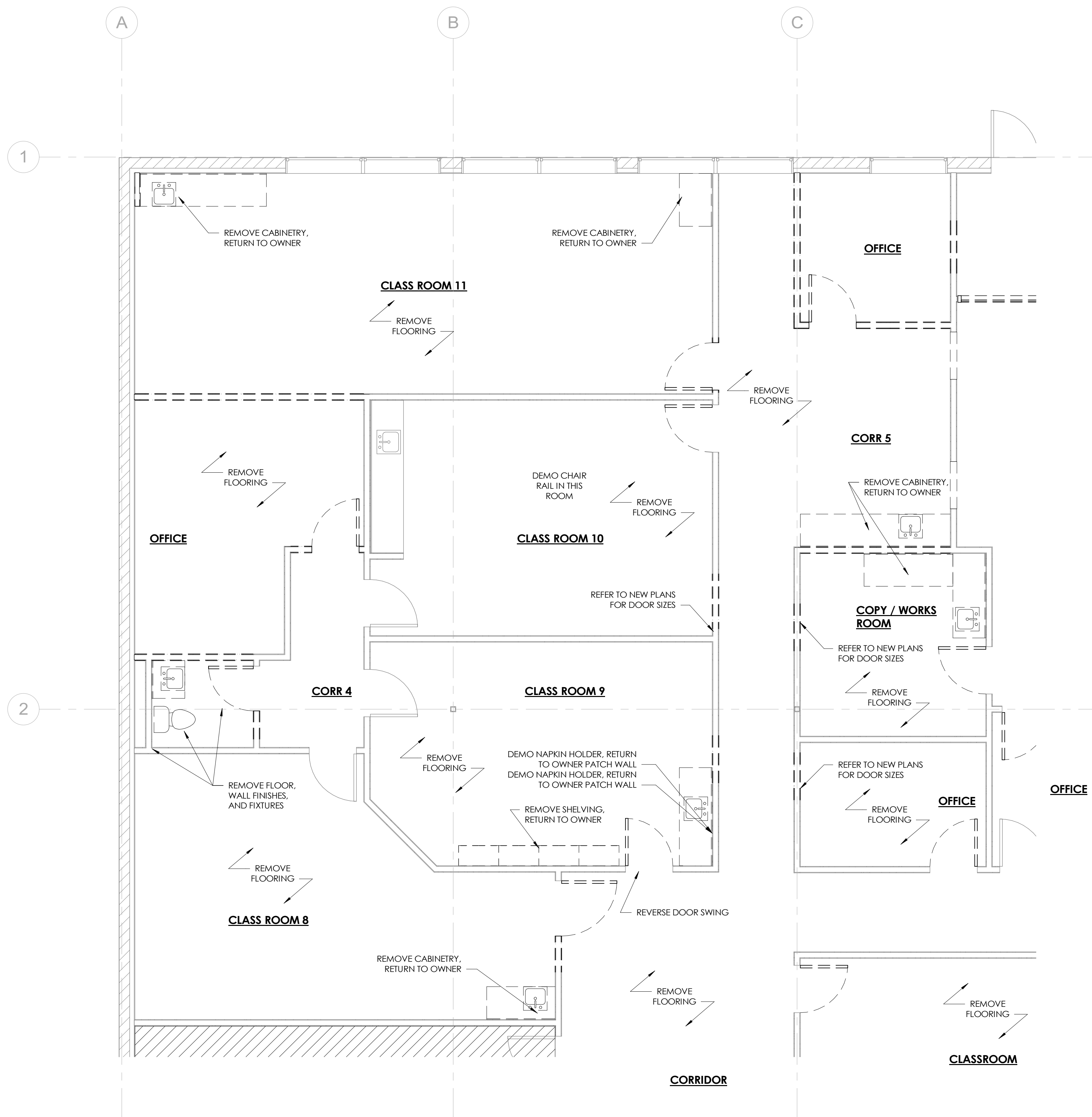
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AREA PLAN & 3D VIEWS

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A801

Scale: 1/8" = 1'-0"



1 DEMOLITION FLOOR PLAN - MAIN LEVEL - AREA A
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. THIS DEMOLITION FLOOR PLAN WAS CREATED FROM EXISTING WORKING DRAWINGS AND IS INTENDED TO SHOW THE GENERAL CONDITIONS WHICH ARE EXPECTED TO OCCUR. VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE DEMOLITION WORK IN ANY AREA. DEMOLITION OF DOORS, CABINERY, FINISHES, PARTITIONS, OR ANY OTHER NON-STRUCTURAL ITEMS MAY PROCEED AS INDICATED. WHERE DISCREPANCIES INVOLVE STRUCTURAL ITEMS, REPORT SUCH DIFFERENCES TO THE ARCHITECT AND SECURE INSTRUCTIONS BEFORE PROCEEDING IN THE AFFECTED AREA.
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7. PRIOR TO DEMOLITION OF ITEMS TO BE SALVAGED, NOTIFY ARCHITECT OF ANY CONDITIONS WHERE THESE ITEMS CAN NOT BE SALVAGED.

DEMOLITION LEGEND

--- DASHED HEAVY LINE INDICATES ITEMS TO BE DEMOLISHED. CONTRACTOR TO VERIFY



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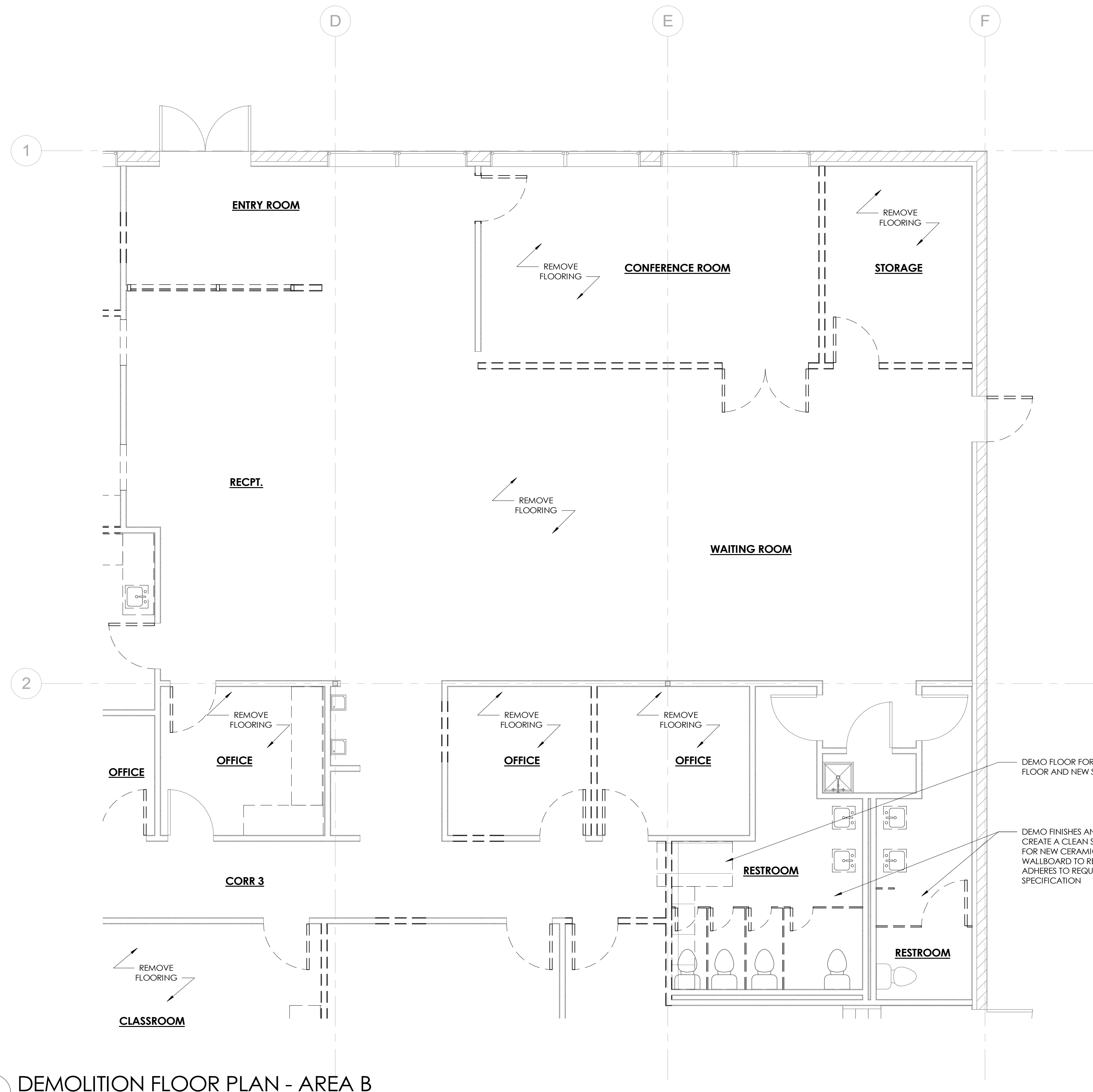
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DEMOLITION FLOOR PLAN - AREA A

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Scale: As indicated



1 DEMOLITION FLOOR PLAN - AREA B
SCALE: 1/4" = 1'-0"

GENERAL NOTES

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DEMOLITION LEGEND

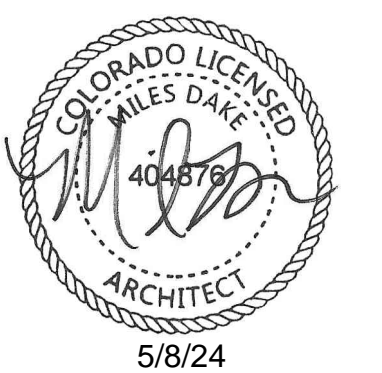
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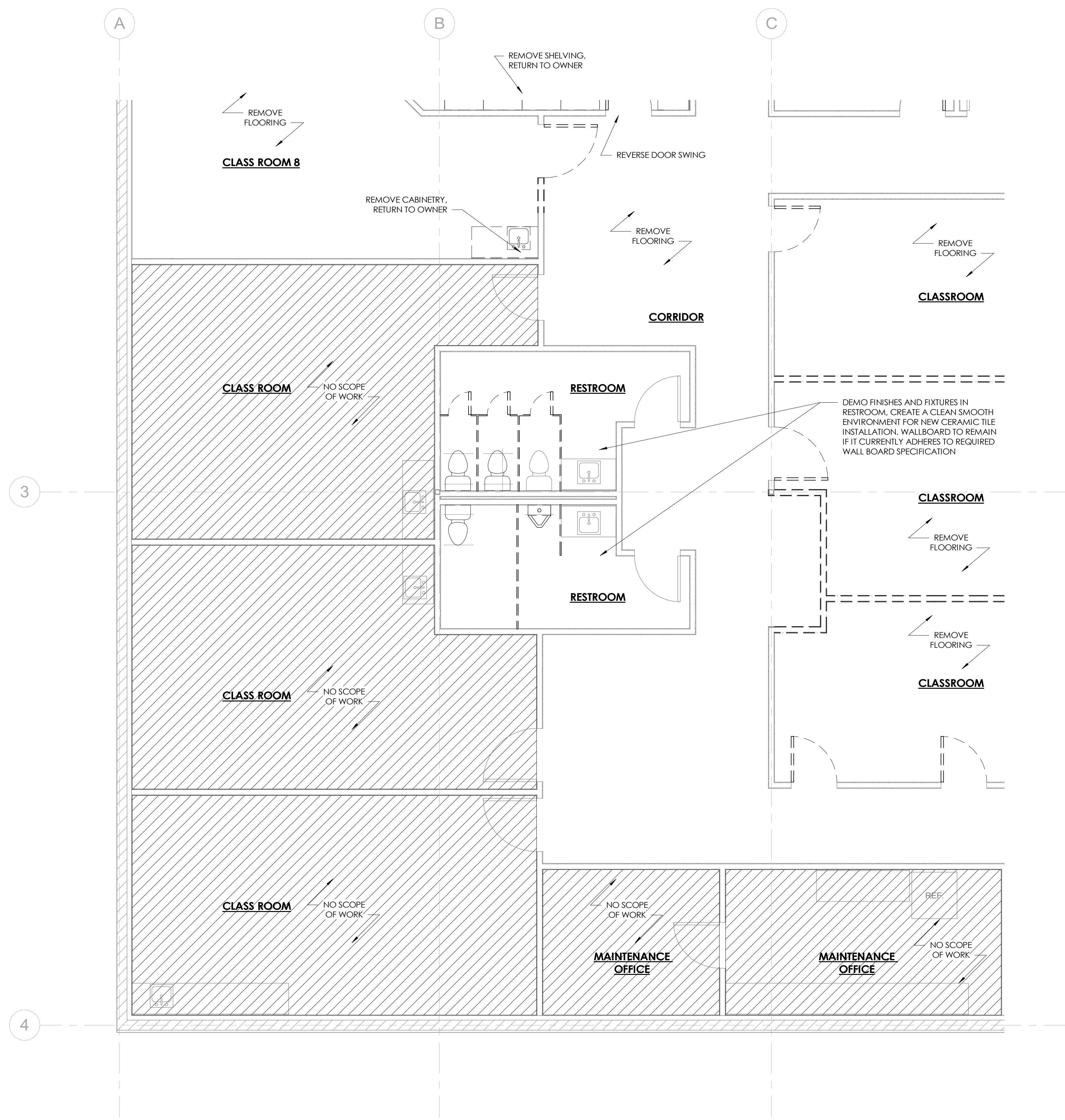
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DEMOLITION FLOOR PLAN - AREA B

Date	04.19.2024
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GENERAL NOTES

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DEMOLITION LEGEND

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1 DEMOLITION FLOOR PLAN - AREA C
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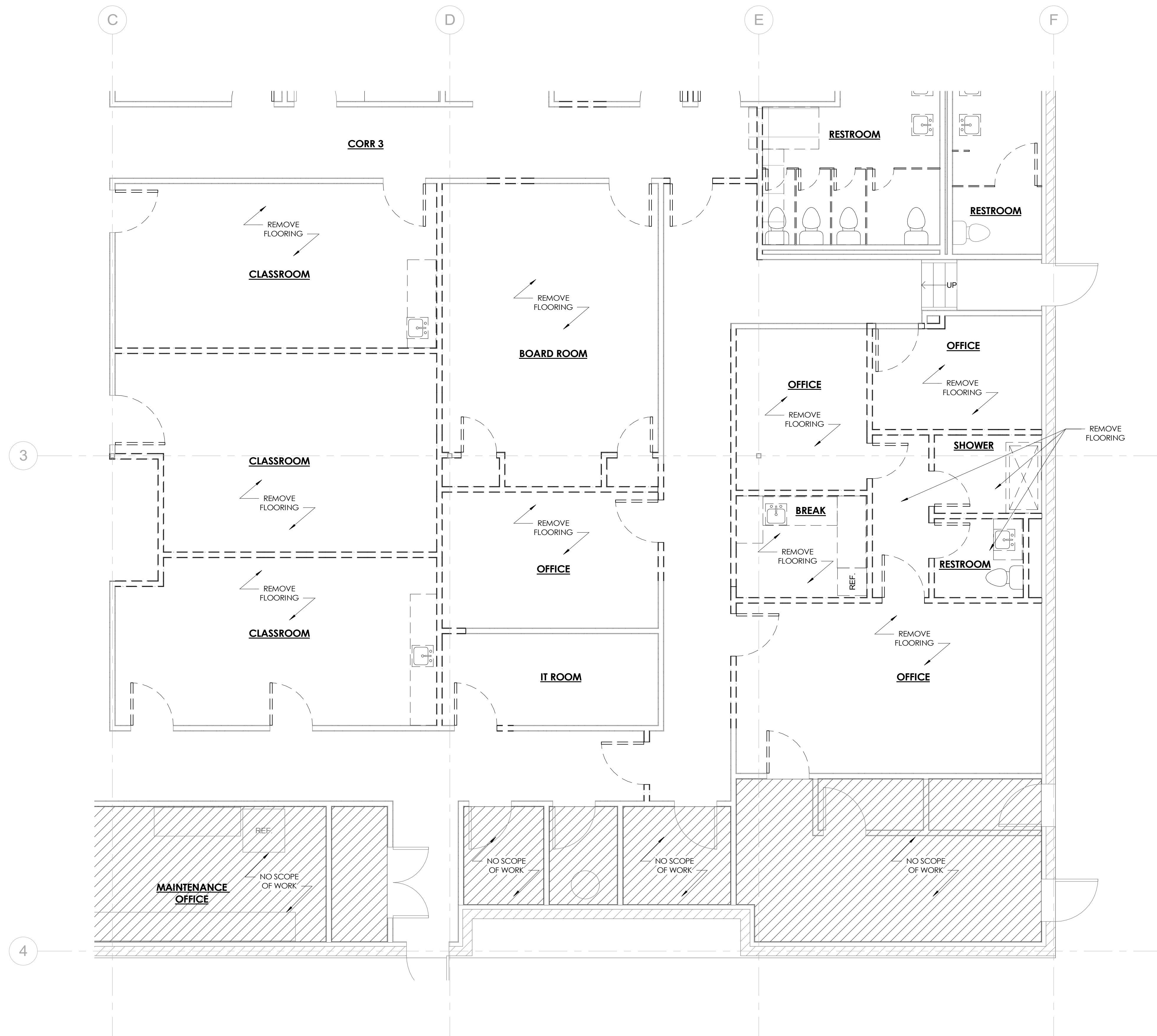
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DEMOLITION FLOOR PLAN - AREA C

Date: 04.19.2024
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Scale: As indicated



1 DEMOLITION FLOOR PLAN - MAIN LEVEL - AREA D
SCALE: 1/4" = 1'-0"

GENERAL NOTES

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DEMOLITION FLOOR PLAN - AREA D

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Scale: As indicated

GENERAL NOTES

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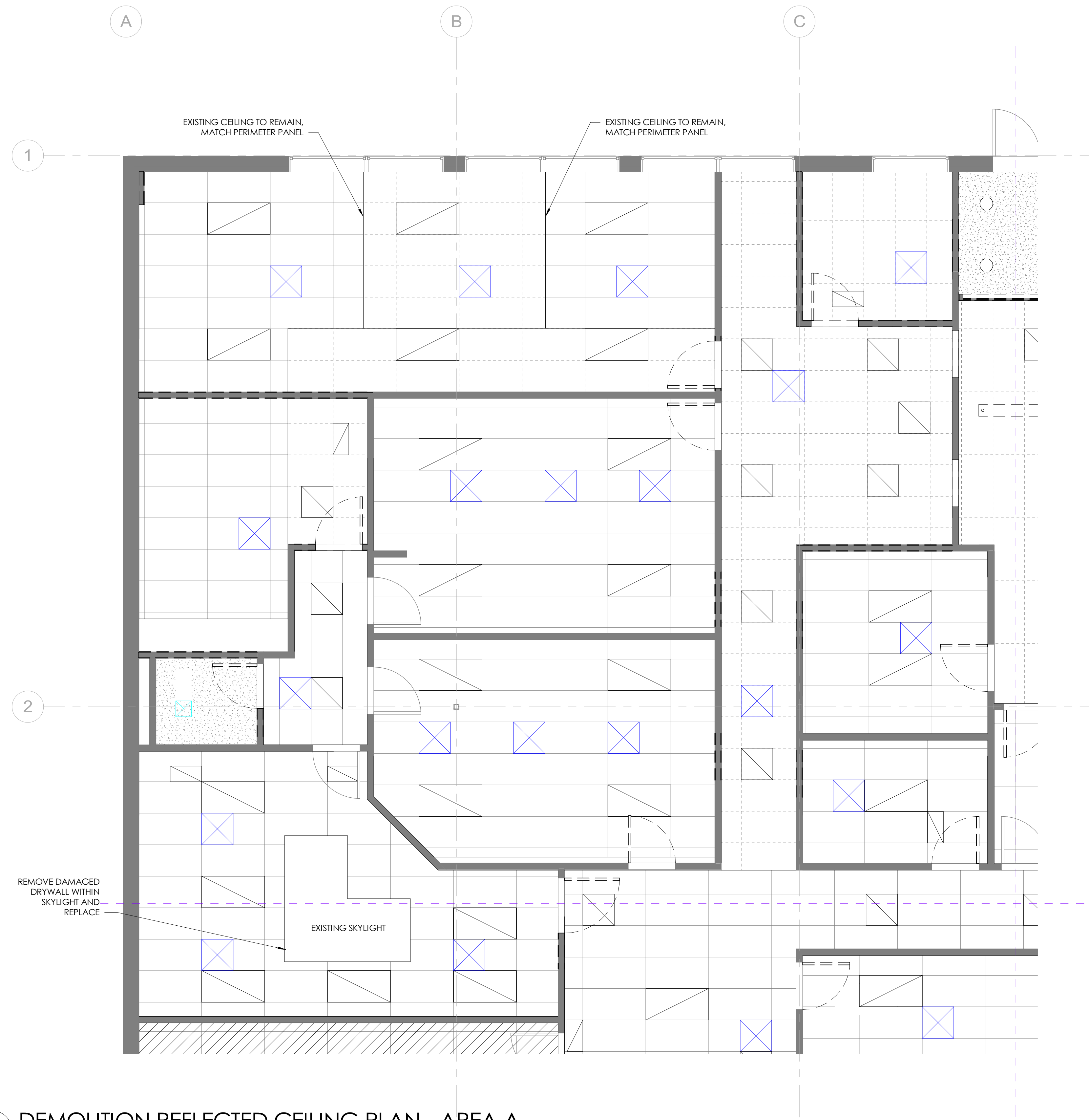
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1 DEMOLITION REFLECTED CEILING PLAN - AREA A
SCALE: 1/4" = 1'-0"

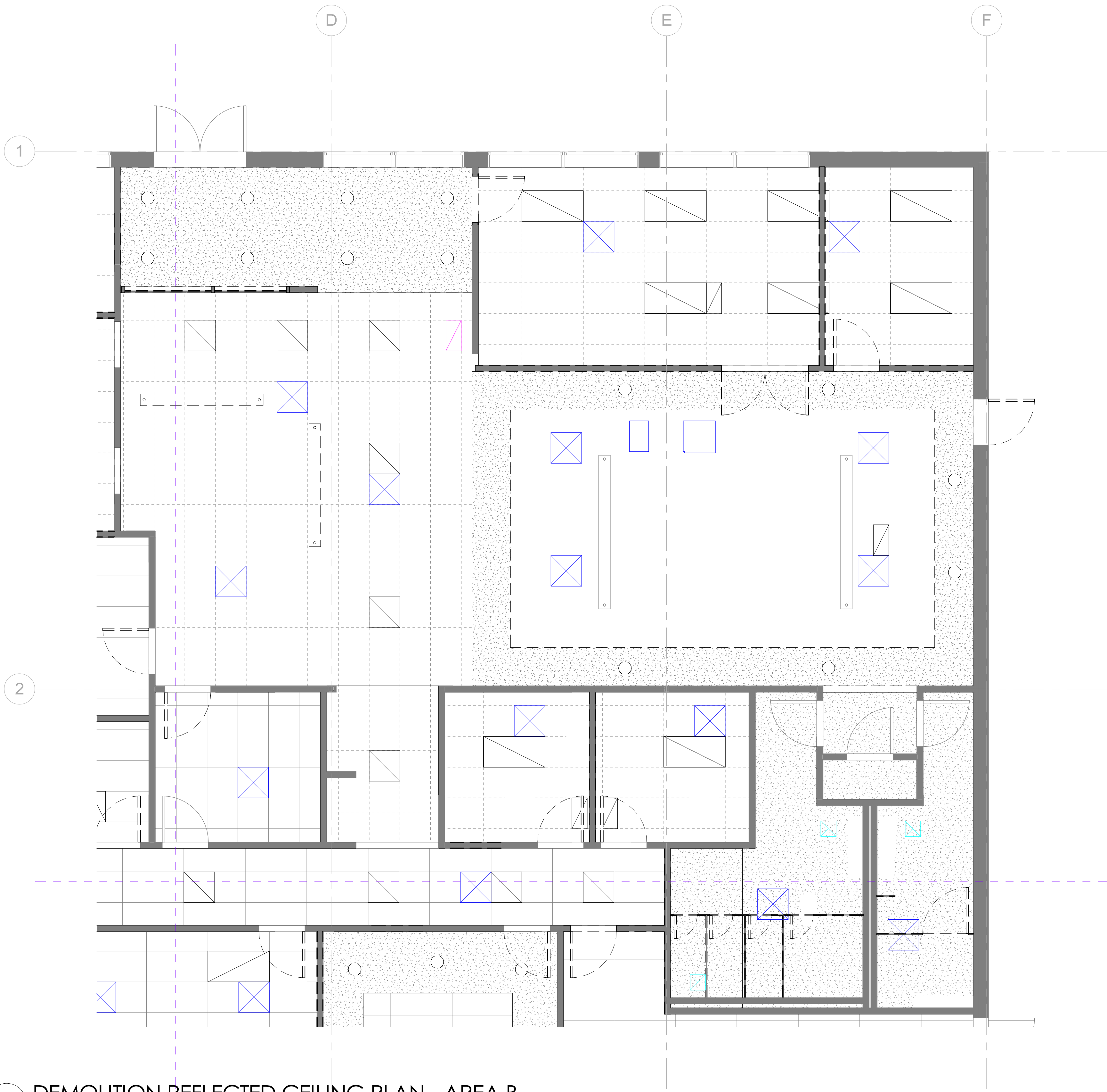
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Scale: As indicated



1 DEMOLITION REFLECTED CEILING PLAN - AREA B
SCALE: 1/4" = 1'-0"

GENERAL NOTES

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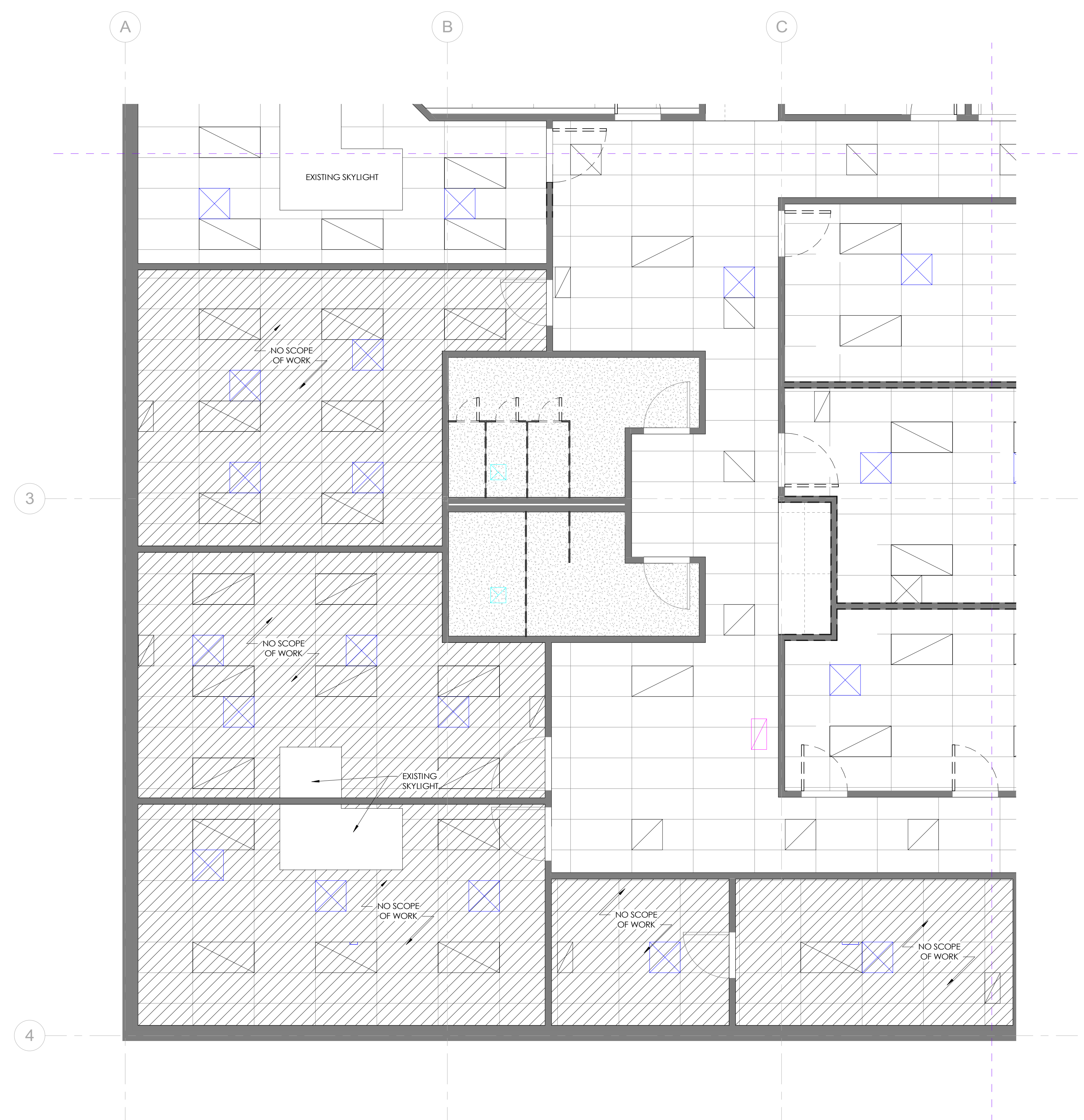
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DEMOLITION CEILING PLAN - AREA B

Date 04.19.2024
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Checked by MD

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Scale As indicated



1 DEMOLITION REFLECTED CEILING PLAN - AREA C
SCALE: 1/4" = 1'-0"

GENERAL NOTES

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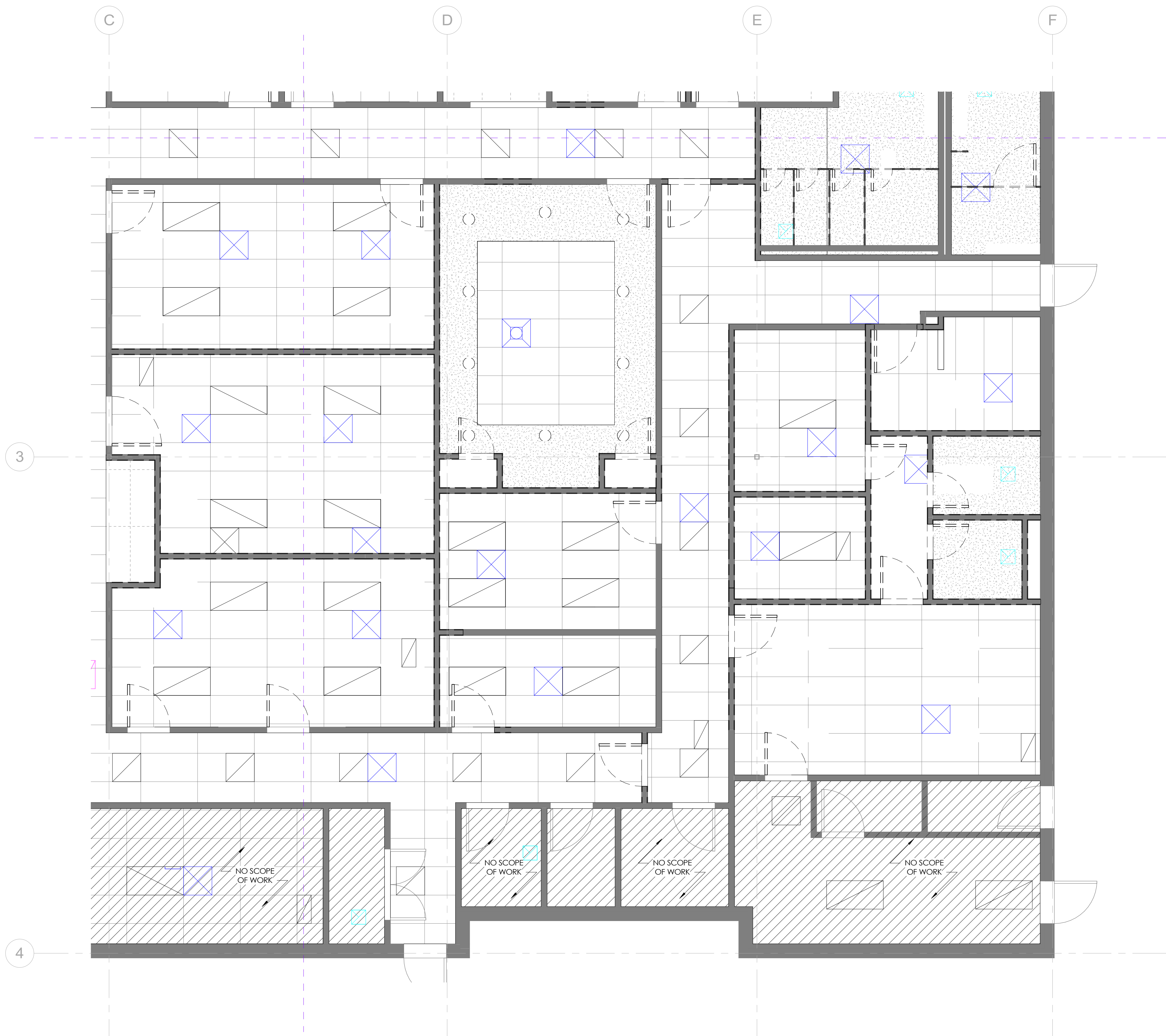
NO.	DESCRIPTION	DATE

DEMOLITION CEILING PLAN - AREA C

Date 04.19.2024
Drawn by MD
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Scale As indicated



1 DEMOLITION REFLECTED CEILING PLAN - AREA D
SCALE: 1/4" = 1'-0"

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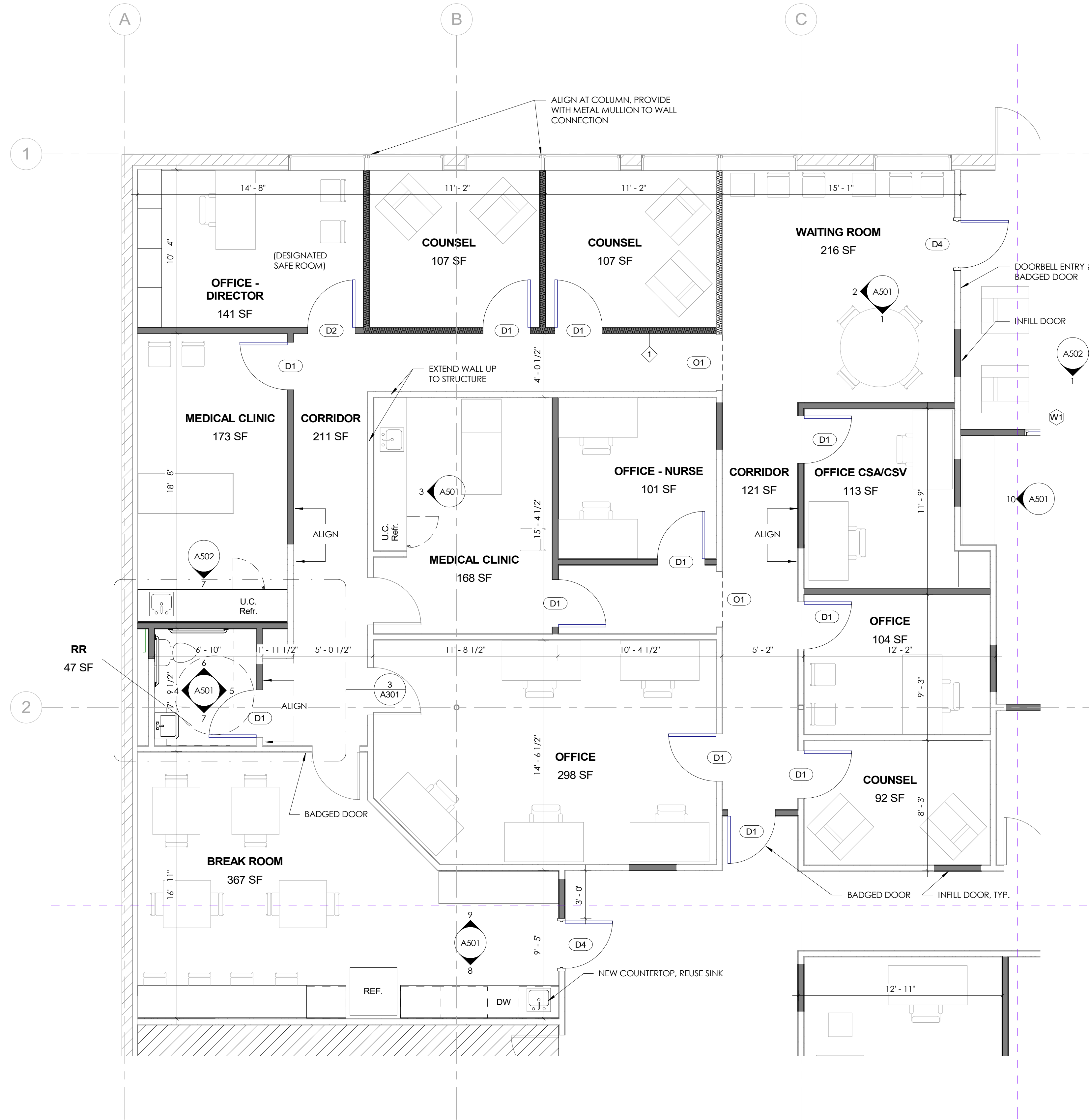
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NO.	DESCRIPTION	DATE

DEMOLITION CEILING PLAN - AREA D

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD
AD102-D
 Scale: As indicated



1 FLOOR PLAN - AREA A
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. INTERIOR DIMENSIONS TAKEN FROM FACE OF STUD, EXTERIOR DIMENSIONS TAKEN FROM FACE OF STUD/ FOUNDATION.
2. FURNITURE NOT IN CONTRACT.
3. ALL WORK TO BE PERFORMED IN COMPLIANCE WITH ALL STATE AND LOCAL CODE. CONTRACTOR RESPONSIBLE TO SECURE ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
4. MECHANICAL, PLUMBING, AND ELECTRICAL DESIGN AND ENGINEERING BY GENERAL CONTRACTOR.
5. PENETRATIONS AT ROOF SHALL BE COORDINATED WITH MECHANICAL CONTRACTOR FOR SIZE AND LOCATION.
6. DIMENSION FROM EDGE OF DOOR FRAME TO EDGE OF ADJACENT PERPENDICULAR WALL SHALL BE 4" U.N.O.
7. DOOR HARDWARE SETS DESIGN-BUILD BY GENERAL CONTRACTOR.
8. PROVIDE WATER RESISTANT GYP BOARD AT ALL WET WALLS AND DENSEGLASS OR EQUAL AT ALL SHOWER ENCLOSURES.
9. ALL SINKS 1'-3" MIN. AWAY FROM WALL PER CODE.
10. ALL WATER CLOSETS 1'-3" MIN. AWAY FROM WALL PER CODE.

PARTITION TYPES

- INTERIOR WALL:**
1 1/2" GYP. BD., 2x4 METAL STUD 16" O.C. TYP., 1/2" GYP. BD. TYPICAL IF WALL IF NOT MARKED. INSULATION ONLY WHERE INDICATED ON FLOOR PLANS
- INTERIOR FURRING PARTITION**
2 2x4 METAL STUD, 1/2" GYPSUM WALL BOARD

DOOR SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	COUNT	COMMENTS
D1	PANEL	3'-0"	7'-0"	26	
D2	PANEL - SOLID CORE	3'-0"	7'-0"	2	LOCKABLE
D3	PANEL	2'-0"	7'-0"	2	
D4	FULL LITE - SOLID CORE	3'-0"	7'-0"	6	<varies>
D5	PANEL	2'-10"	7'-0"	4	
O1	OPENING	3'-6"	7'-0"	2	
O2	OPENING	0'-0"	0'-0"	1	
O3	OPENING	3'-0"	7'-0"	2	

WINDOW SCHEDULE

MARK	OPERATION	WIDTH	HEIGHT	COUNT	COMMENTS
W1	FIXED	4'-0"	3'-0"	13	
W2	FIXED	4'-7"	6'-0"	2	
W3	FIXED	2'-6"	6'-0"	1	
W4	FIXED	2'-6"	8'-0"	1	



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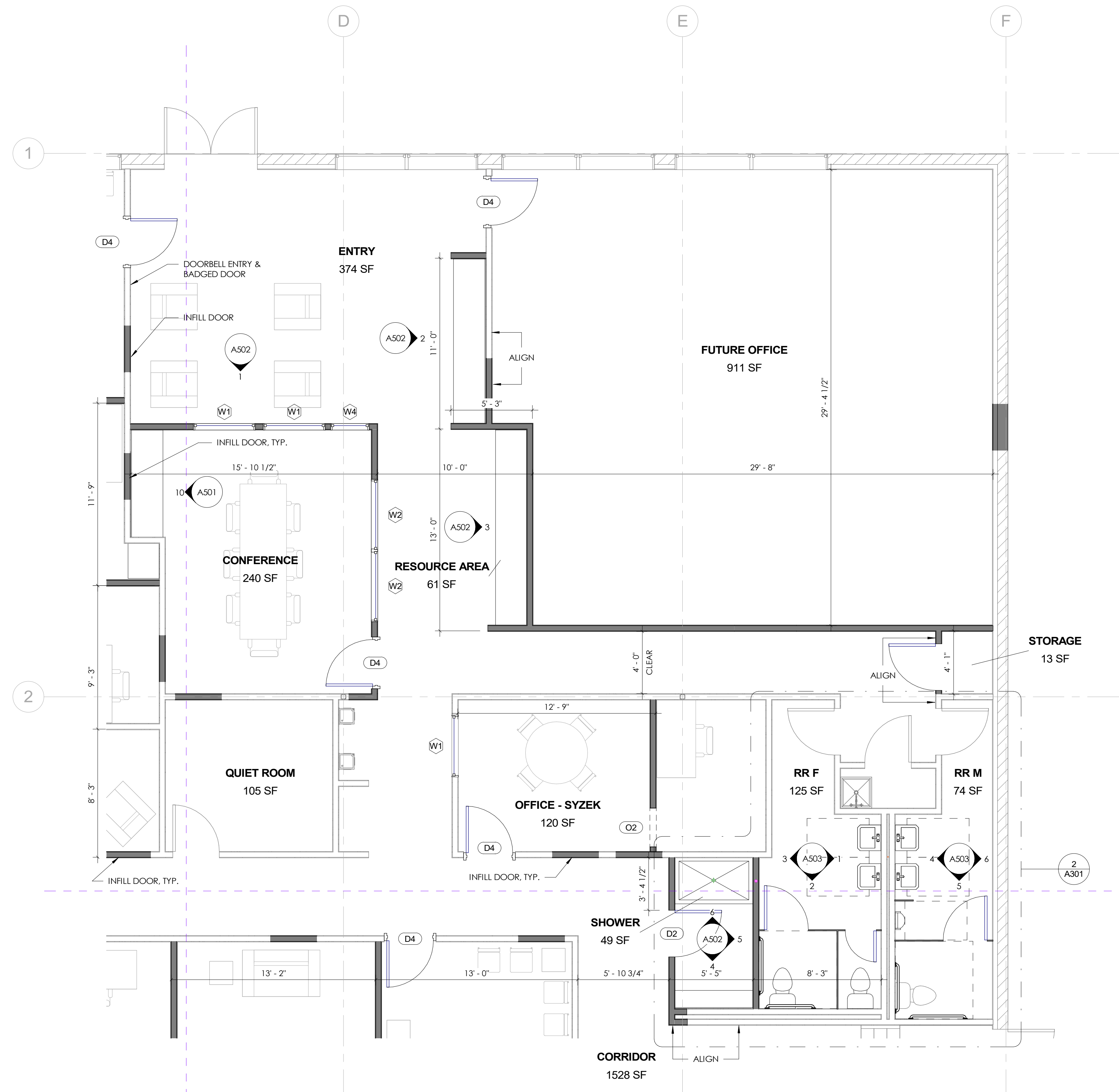
NO.	DESCRIPTION	DATE

FLOOR PLAN - AREA A

Date 04.19.2024
Drawn by MD
Checked by MD

A101-A

Scale As indicated



1 FLOOR PLAN - AREA B
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. INTERIOR DIMENSIONS TAKEN FROM FACE OF STUD, EXTERIOR DIMENSIONS TAKEN FROM FACE OF STUD/ FOUNDATION.
2. FURNITURE NOT IN CONTRACT.
3. ALL WORK TO BE PERFORMED IN COMPLIANCE WITH ALL STATE AND LOCAL CODE. CONTRACTOR RESPONSIBLE TO SECURE ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
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6. DIMENSION FROM EDGE OF DOOR FRAME TO EDGE OF ADJACENT PERPENDICULAR WALL SHALL BE 4" U.N.O.
7. DOOR HARDWARE SETS DESIGN-BUILD BY GENERAL CONTRACTOR.
8. PROVIDE WATER RESISTANT GYP BOARD AT ALL WET WALLS AND DENSEGLASS OR EQUAL AT ALL SHOWER ENCLOSURES.
9. ALL SINKS 1'-3" MIN. AWAY FROM WALL PER CODE.
10. ALL WATER CLOSETS 1'-3" MIN. AWAY FROM WALL PER CODE.

PARTITION TYPES

- INTERIOR WALL:**
- INTERIOR FURRING PARTITION**

DOOR SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	COUNT	COMMENTS
D1	PANEL	3'-0"	7'-0"	26	
D2	PANEL - SOLID CORE	3'-0"	7'-0"	2	LOCKABLE
D3	PANEL	2'-0"	7'-0"	2	
D4	FULL LITE - SOLID CORE	3'-0"	7'-0"	6	<varies>
D5	PANEL	2'-10"	7'-0"	4	
O1	OPENING	3'-6"	7'-0"	2	
O2	OPENING	0'-0"	0'-0"	1	
O3	OPENING	3'-0"	7'-0"	2	

WINDOW SCHEDULE

MARK	OPERATION	WIDTH	HEIGHT	COUNT	COMMENTS
W1	FIXED	4'-0"	3'-0"	13	
W2	FIXED	4'-7"	6'-0"	2	
W3	FIXED	2'-6"	6'-0"	1	
W4	FIXED	2'-6"	8'-0"	1	



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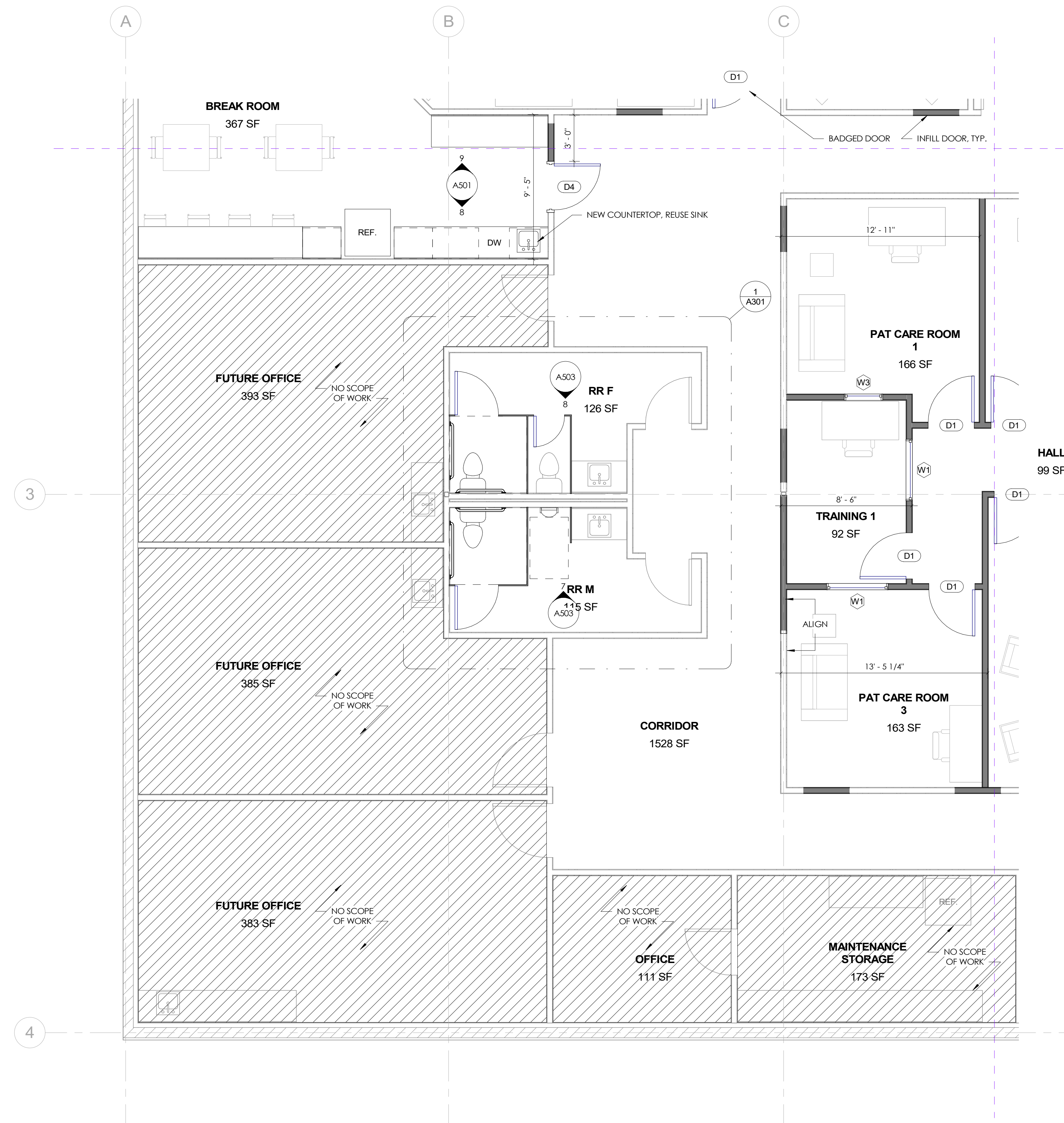
NO.	DESCRIPTION	DATE

FLOOR PLAN - AREA B

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A101-B

Scale: As indicated



1 FLOOR PLAN - AREA C
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. INTERIOR DIMENSIONS TAKEN FROM FACE OF STUD, EXTERIOR DIMENSIONS TAKEN FROM FACE OF STUD/ FOUNDATION.
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PARTITION TYPES

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1 1/2" GYP. BD., 2x4 METAL STUD 16" O.C. TYP., 1/2" GYP. BD. TYPICAL IF WALL IF NOT MARKED. INSULATION ONLY WHERE INDICATED ON FLOOR PLANS
- INTERIOR FURRING PARTITION**
2 2x4 METAL STUD, 1/2" GYPSUM WALL BOARD

DOOR SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	COUNT	COMMENTS
D1	PANEL	3'-0"	7'-0"	26	
D2	PANEL - SOLID CORE	3'-0"	7'-0"	2	LOCKABLE
D3	PANEL	2'-0"	7'-0"	2	
D4	FULL LITE - SOLID CORE	3'-0"	7'-0"	6	<varies>
D5	PANEL	2'-10"	7'-0"	4	
O1	OPENING	3'-6"	7'-0"	2	
O2	OPENING	0'-0"	0'-0"	1	
O3	OPENING	3'-0"	7'-0"	2	

WINDOW SCHEDULE

MARK	OPERATION	WIDTH	HEIGHT	COUNT	COMMENTS
W1	FIXED	4'-0"	3'-0"	13	
W2	FIXED	4'-7"	6'-0"	2	
W3	FIXED	2'-6"	6'-0"	1	
W4	FIXED	2'-6"	8'-0"	1	



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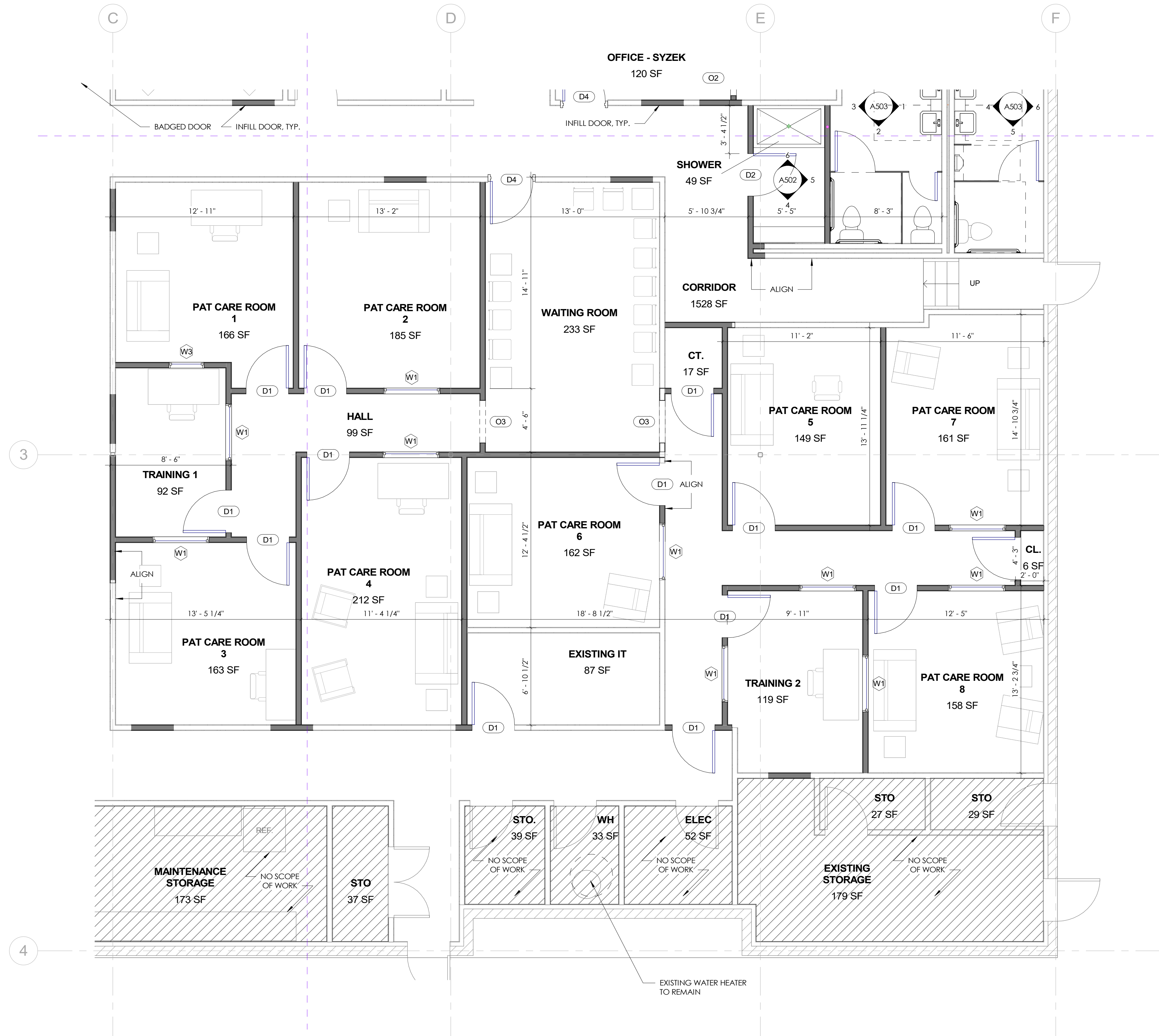
NO.	DESCRIPTION	DATE

FLOOR PLAN - AREA C

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A101-C

Scale: As indicated



GENERAL NOTES

1. INTERIOR DIMENSIONS TAKEN FROM FACE OF STUD, EXTERIOR DIMENSIONS TAKEN FROM FACE OF STUD/ FOUNDATION.
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- INTERIOR FURRING PARTITION**
- 2 2x4 METAL STUD, 1/2" GYPSUM WALL BOARD

DOOR SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	COUNT	COMMENTS
D1	PANEL	3'-0"	7'-0"	26	
D2	PANEL - SOLID CORE	3'-0"	7'-0"	2	LOCKABLE
D3	PANEL	2'-0"	7'-0"	2	
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D5	PANEL	2'-10"	7'-0"	4	
O1	OPENING	3'-6"	7'-0"	2	
O2	OPENING	0'-0"	0'-0"	1	
O3	OPENING	3'-0"	7'-0"	2	

WINDOW SCHEDULE

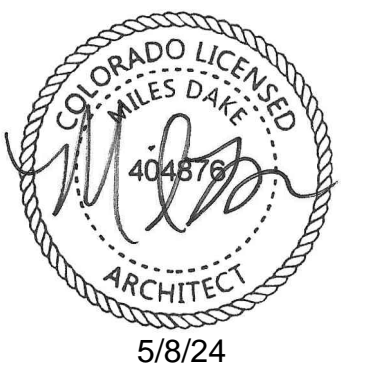
MARK	OPERATION	WIDTH	HEIGHT	COUNT	COMMENTS
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W4	FIXED	2'-6"	8'-0"	1	



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NO.	DESCRIPTION	DATE

FLOOR PLAN - AREA D

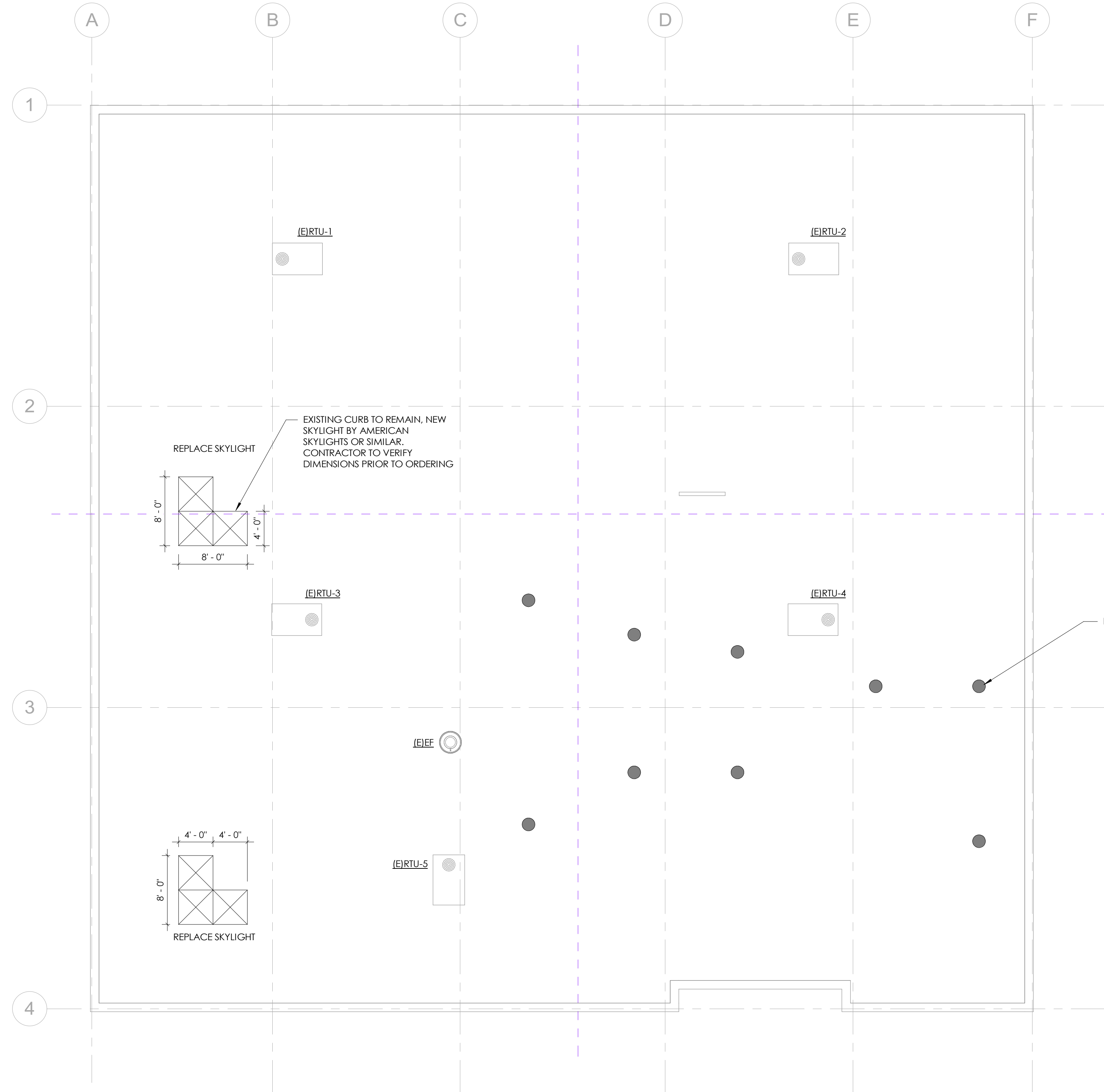
Date 04.19.2024
 Drawn by MD
 Checked by MD
A101-D
 Scale As indicated

1 FLOOR PLAN - AREA D

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

THE WELLNESS CENTER

8250 W 80TH AVE STE 8
ARVADA, CO 80005



1 ROOF PLAN
SCALE: 1/8" = 1'-0"

NO.	DESCRIPTION	DATE


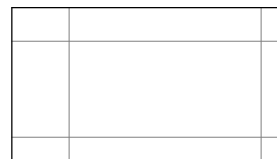

ROOF PLAN

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A103

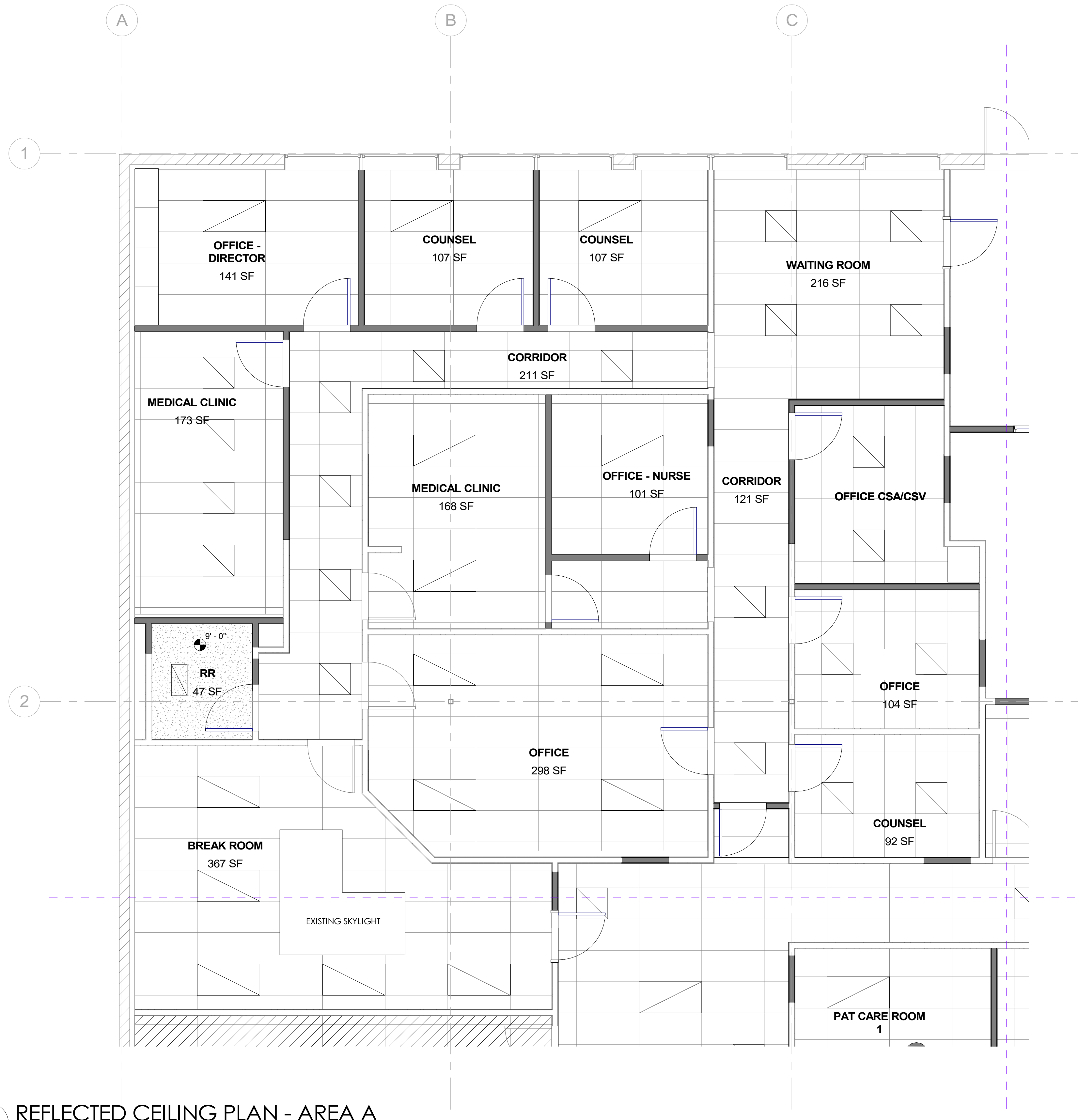
Scale: 1/8" = 1'-0"

RCP LEGEND

-  GYP BOARD CEILING
-  ACT TILE CEILING
-  SOLATUBE LIGHT



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1 REFLECTED CEILING PLAN - AREA A
SCALE: 1/4" = 1'-0"

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NO.	DESCRIPTION	DATE

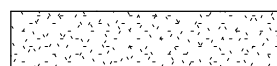
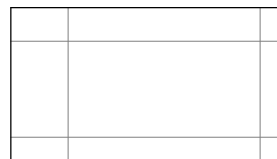

REFLECTED CEILING PLANS - AREA A

Date 04.19.2024
 Drawn by MD
 Checked by MD

A201-A

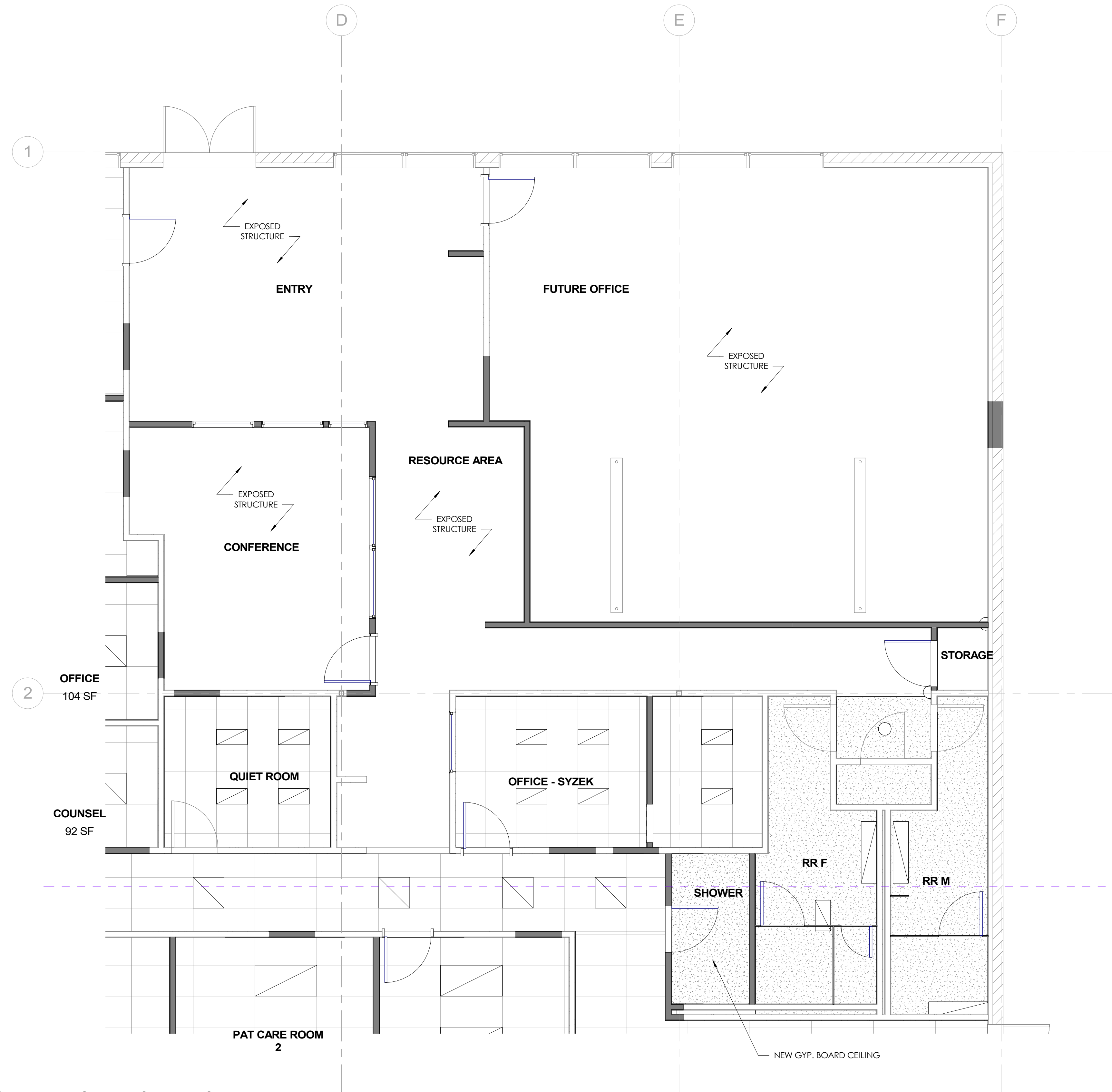
Scale 1/4" = 1'-0"

RCP LEGEND

-  GYP BOARD CEILING
-  ACT TILE CEILING
-  SOLATUBE LIGHT



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1 REFLECTED CEILING PLAN - AREA B
SCALE: 1/4" = 1'-0"

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NO.	DESCRIPTION	DATE

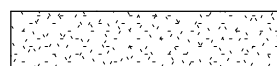
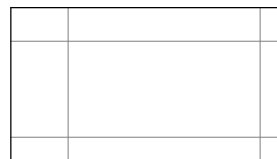

REFLECTED CEILING PLANS - AREA B

Date 04.19.2024
 Drawn by MD
 Checked by MD

A201-B

Scale 1/4" = 1'-0"

RCP LEGEND

-  GYP BOARD CEILING
-  ACT TILE CEILING
-  SOLATUBE LIGHT



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1 REFLECTED CEILING PLAN - AREA C
SCALE: 1/4" = 1'-0"

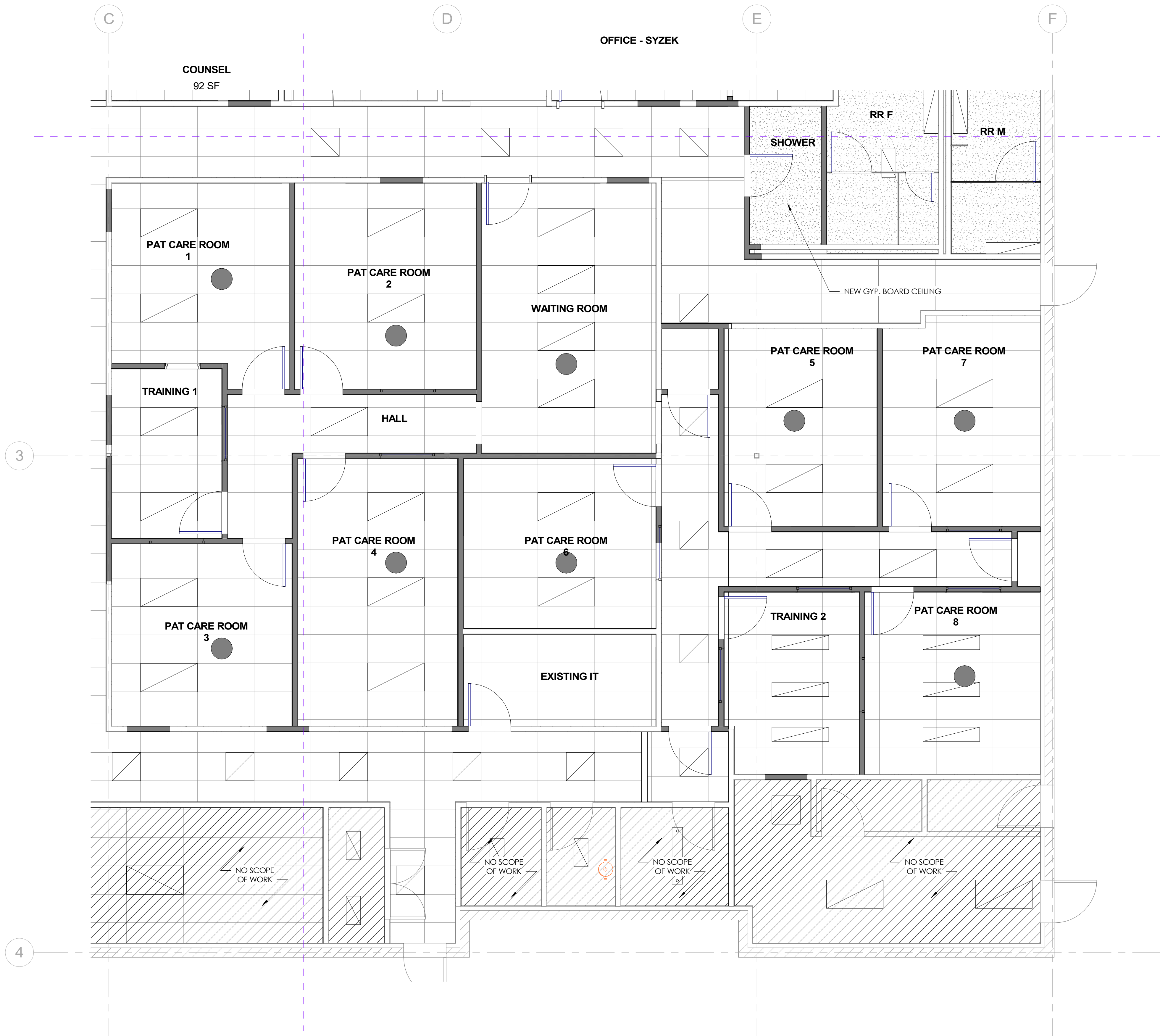
NO.	DESCRIPTION	DATE

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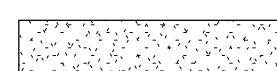


Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A201-C

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



RCP LEGEND

-  GYP BOARD CEILING
-  ACT TILE CEILING
-  SOLATUBE LIGHT



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1 REFLECTED CEILING PLAN - AREA D
SCALE: 1/4" = 1'-0"

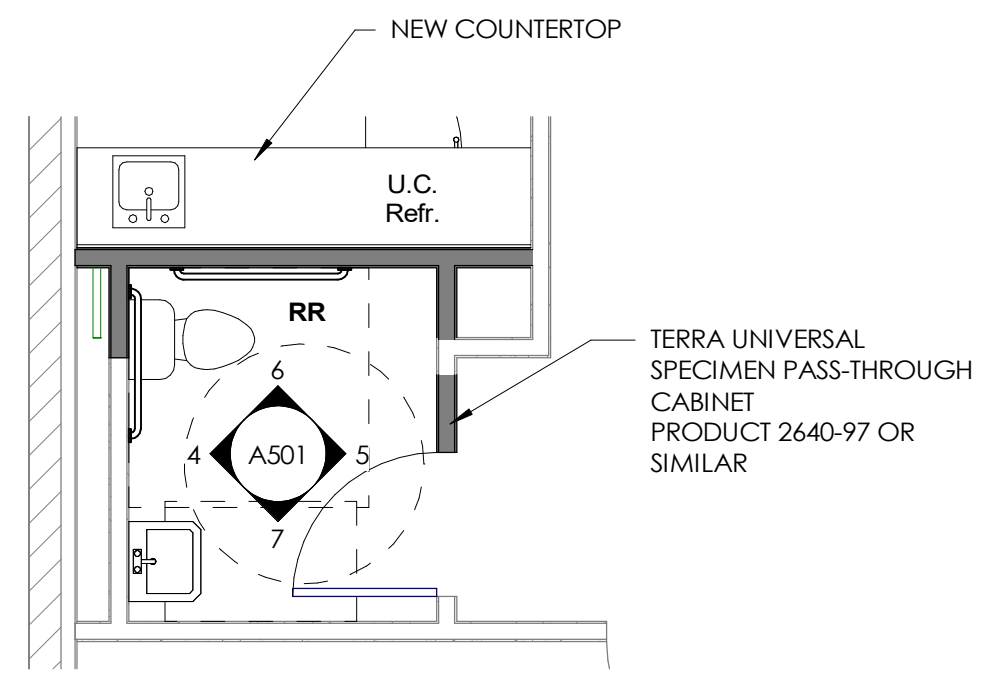
NO.	DESCRIPTION	DATE

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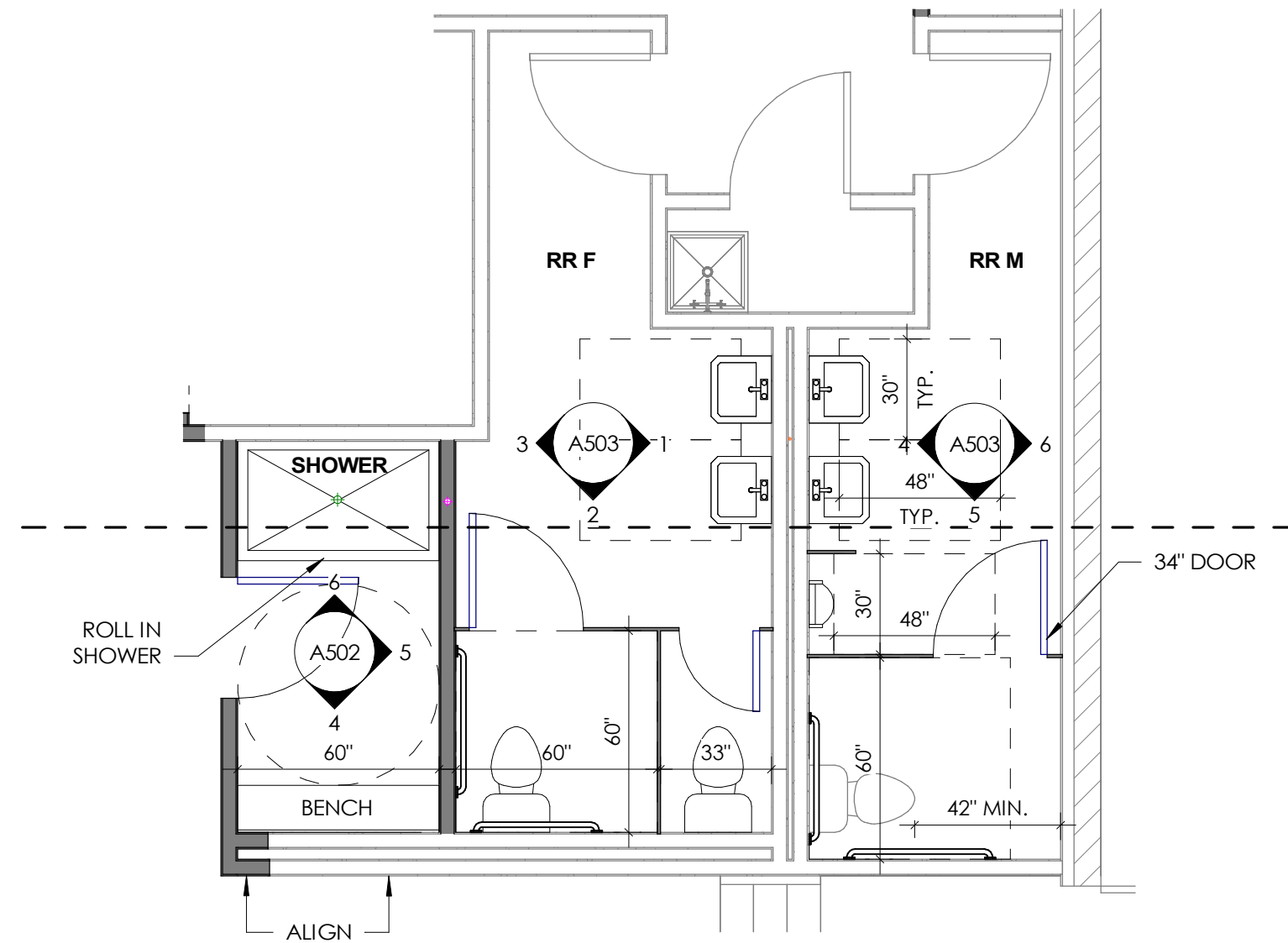
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 Drawn by: MD
 Checked by: MD

A201-D

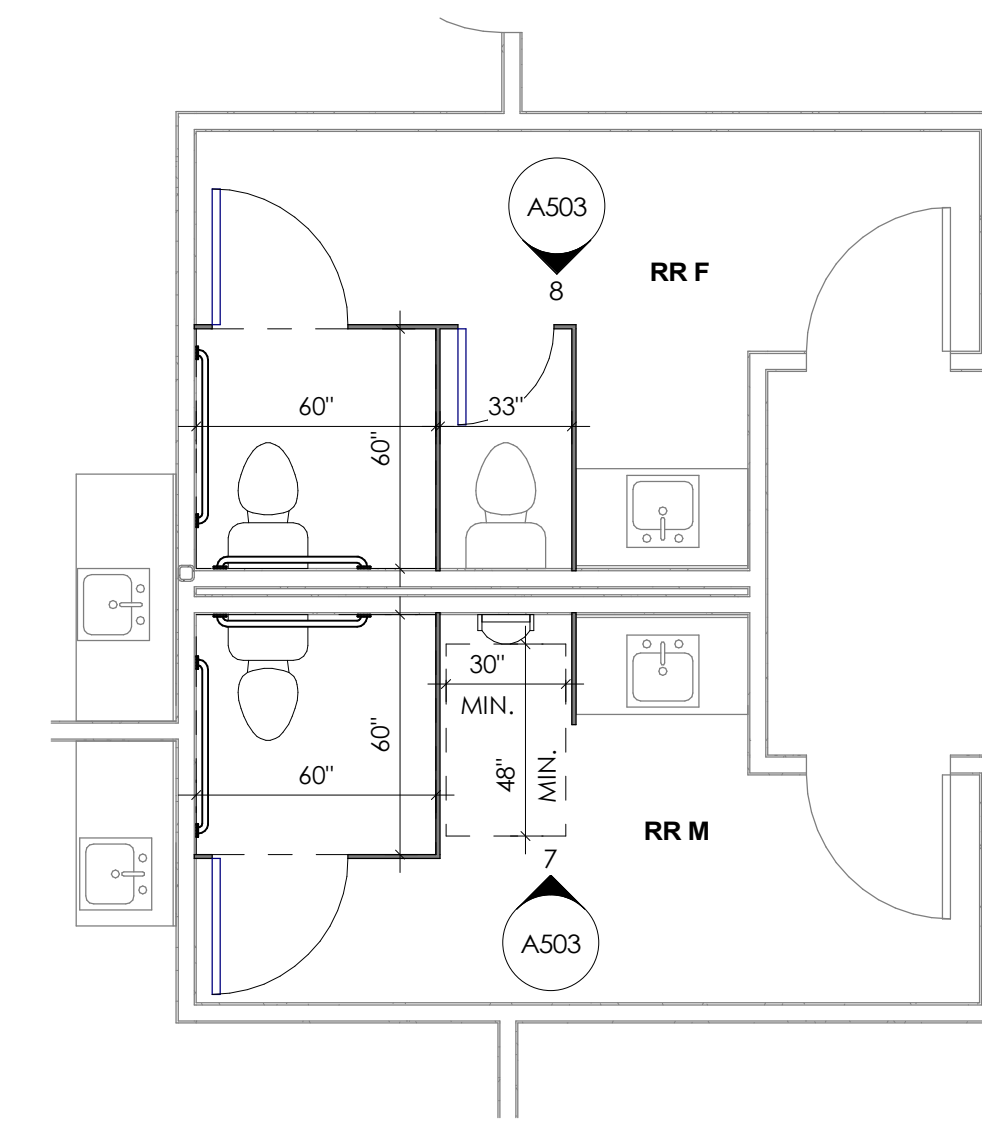
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3 FLOOR PLAN - ADA RESTROOM
SCALE: 1/4" = 1'-0"



2 FLOOR PLAN - RESTROOM GROUP B
SCALE: 1/4" = 1'-0"



1 FLOOR PLAN - RESTROOM GROUP A
SCALE: 1/4" = 1'-0"

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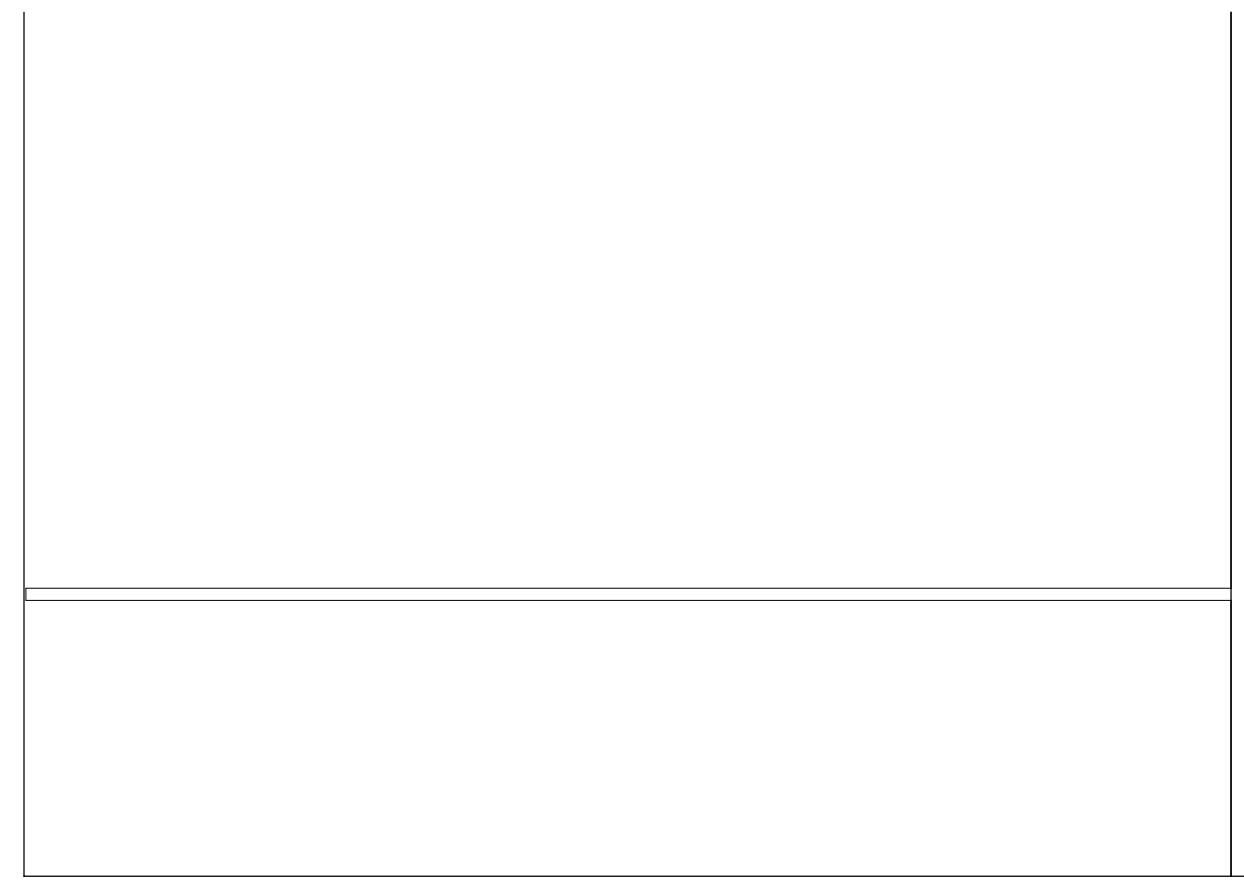
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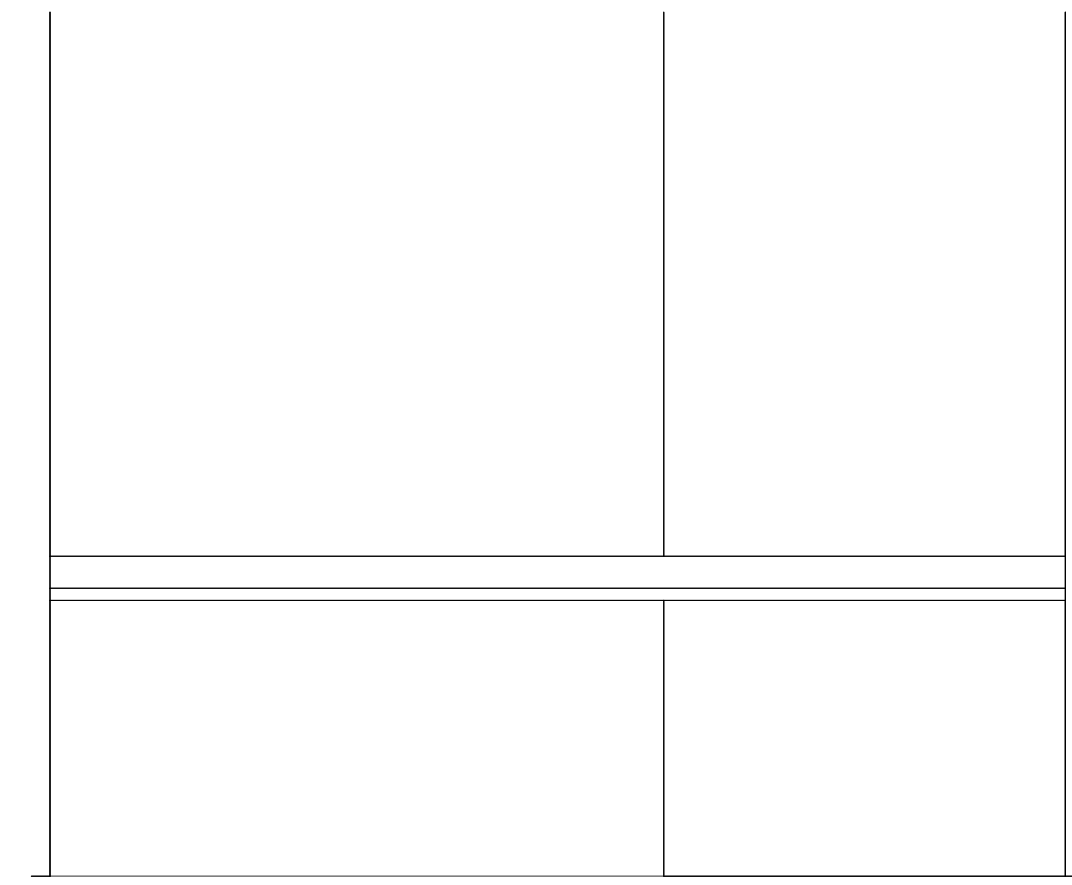
NO.	DESCRIPTION	DATE

ENLARGED PLANS

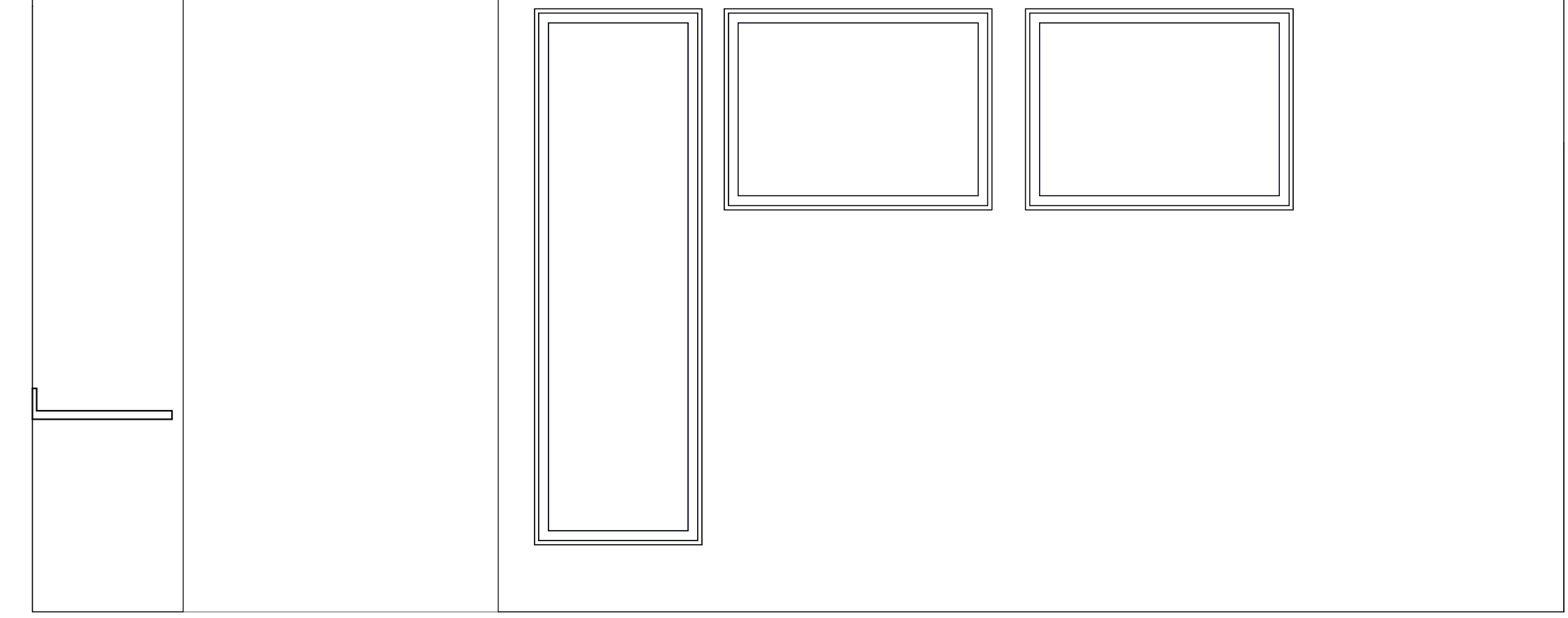
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Drawn by	MD
Checked by	MD
A301	
Scale	1/4" = 1'-0"



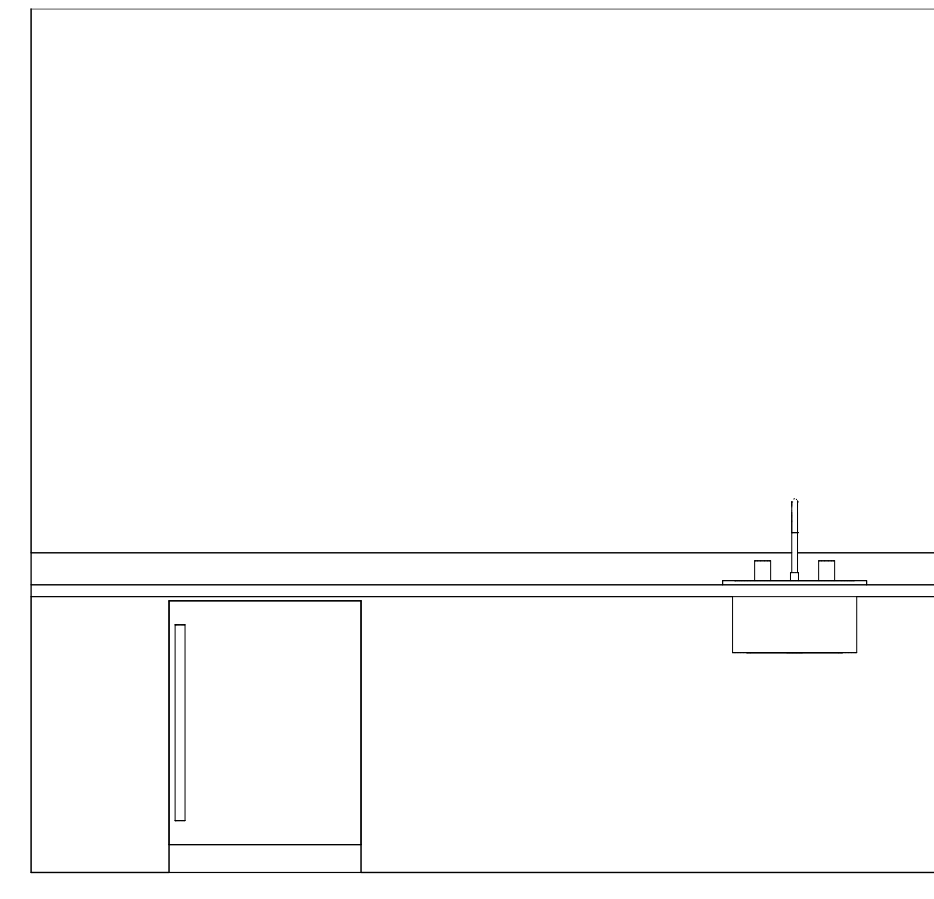
3 INTERIOR ELEVATION - RESOURCE
SCALE: 1/2" = 1'-0"



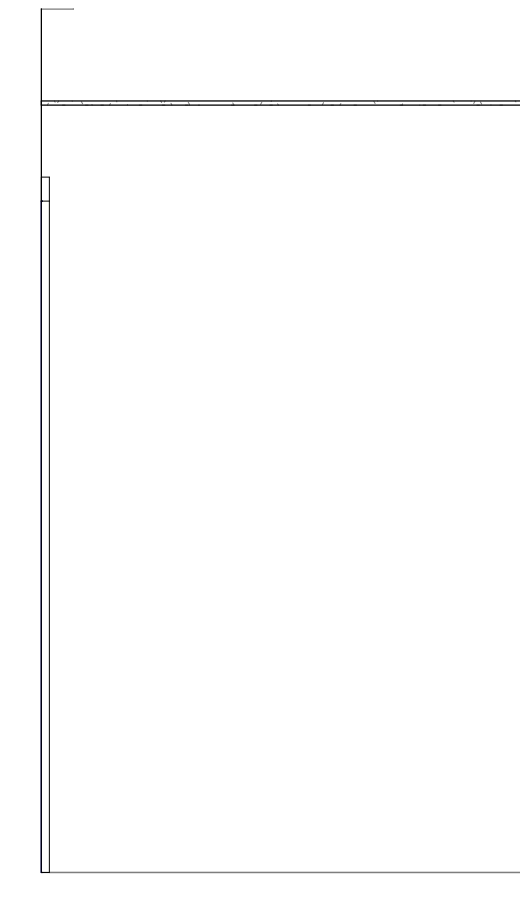
2 INTERIOR ELEVATION - ENTRY EAST
SCALE: 1/2" = 1'-0"



1 INTERIOR ELEVATION - ENTRY SOUTH
SCALE: 1/2" = 1'-0"



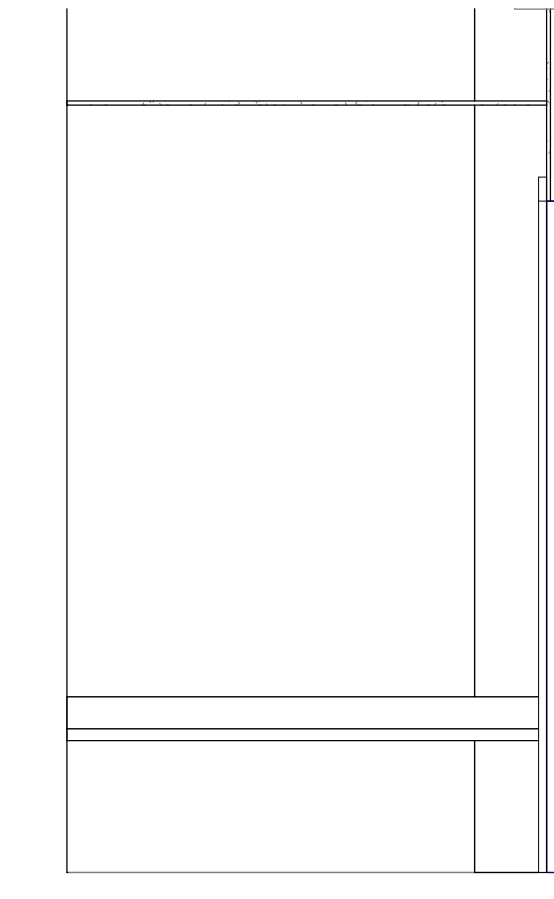
7 INTERIOR ELEVATION - MEDICAL
SCALE: 1/2" = 1'-0"



6 INTERIOR ELEVATION - SHOWER NORTH
SCALE: 1/2" = 1'-0"



5 INTERIOR ELEVATION - SHOWER EAST
SCALE: 1/2" = 1'-0"



4 INTERIOR ELEVATION - SHOWER SOUTH
SCALE: 1/2" = 1'-0"

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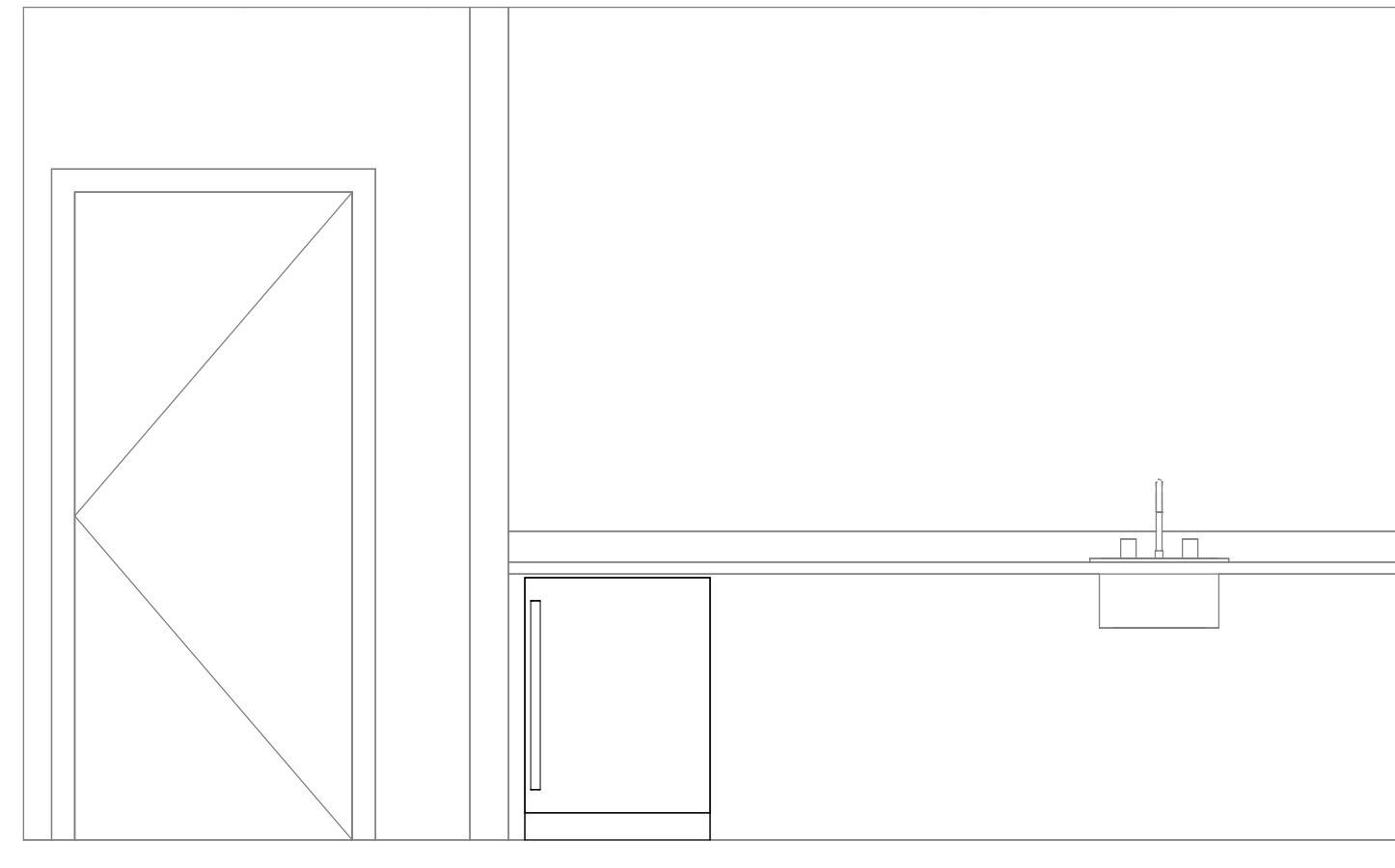
NO.	DESCRIPTION	DATE

INTERIOR ELEVATIONS

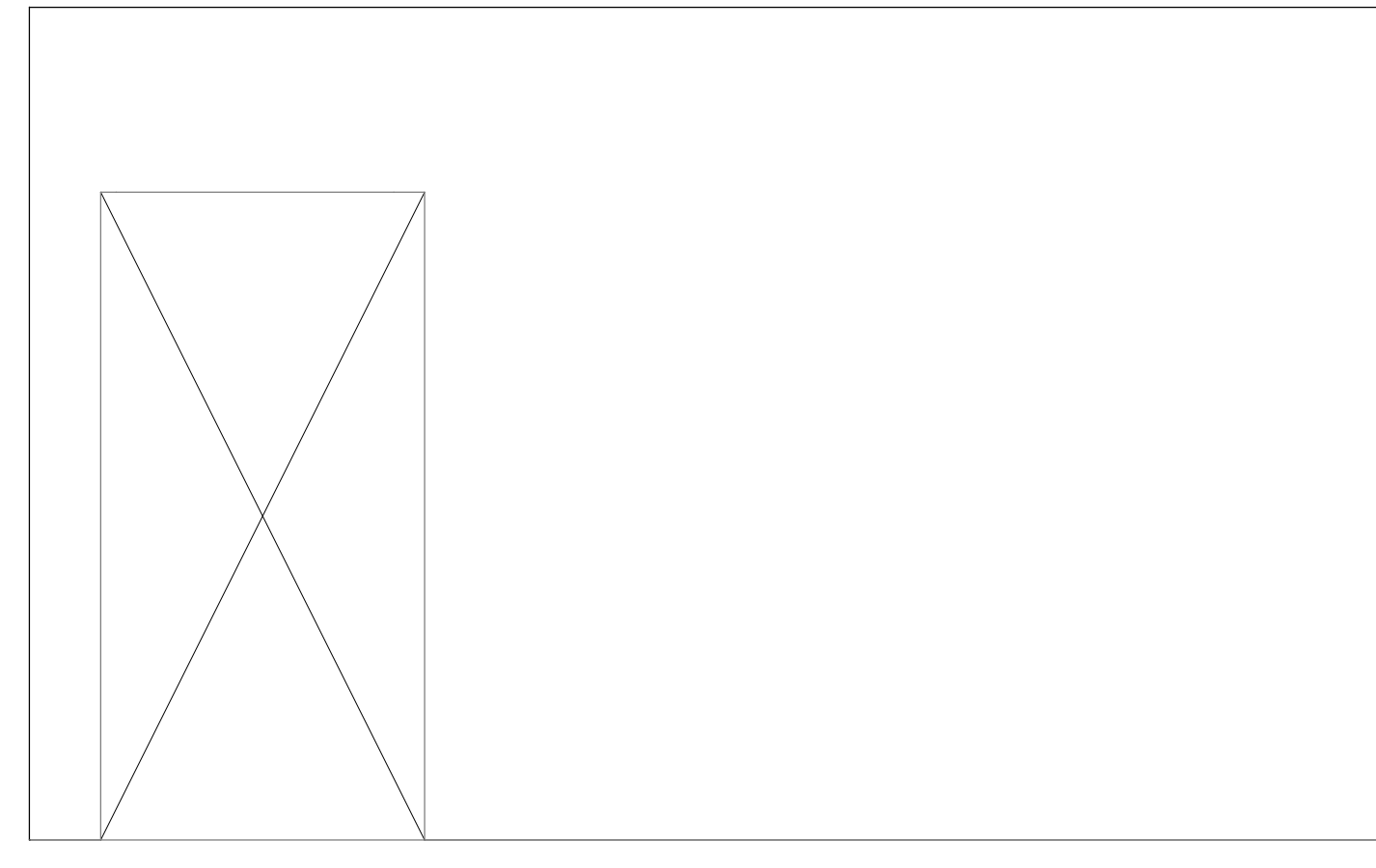
Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A502

Scale: 1/2" = 1'-0"



3 INTERIOR ELEVATION - MEDICAL CLINIC
SCALE: 1/2" = 1'-0"



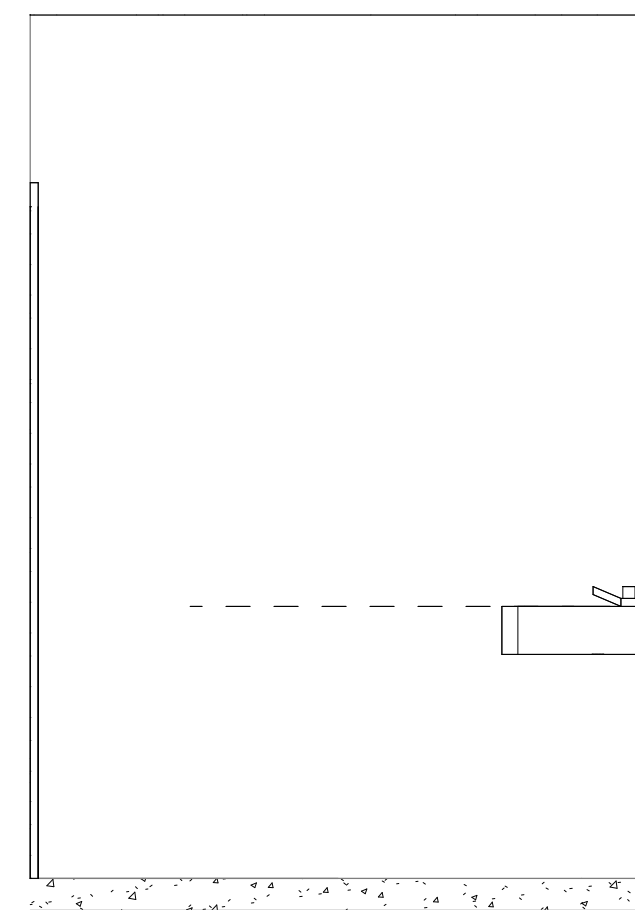
2 INTERIOR ELEVATION - WAITING ROOM WEST
SCALE: 1/2" = 1'-0"



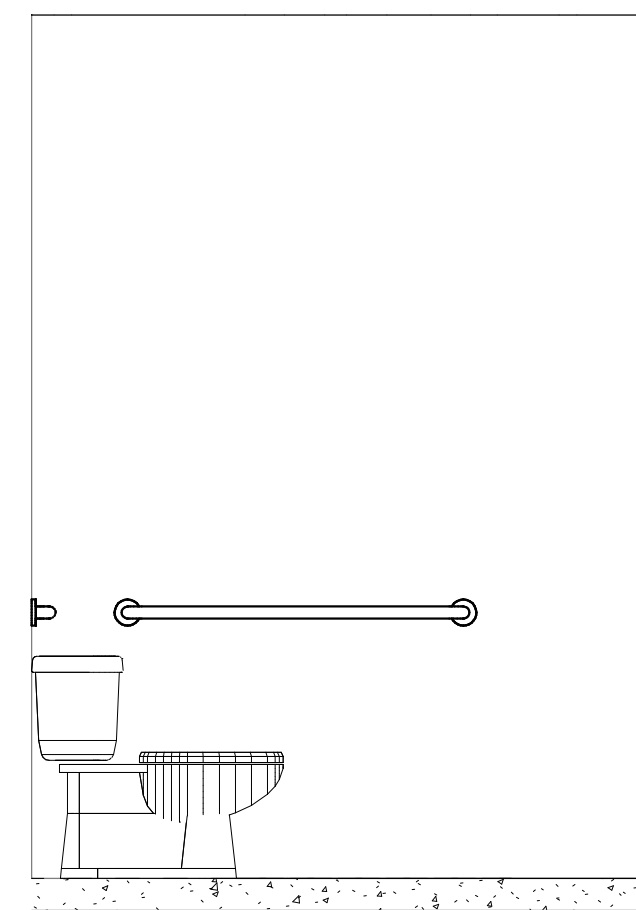
1 INTERIOR ELEVATION - WAITING ROOM
SCALE: 1/2" = 1'-0"

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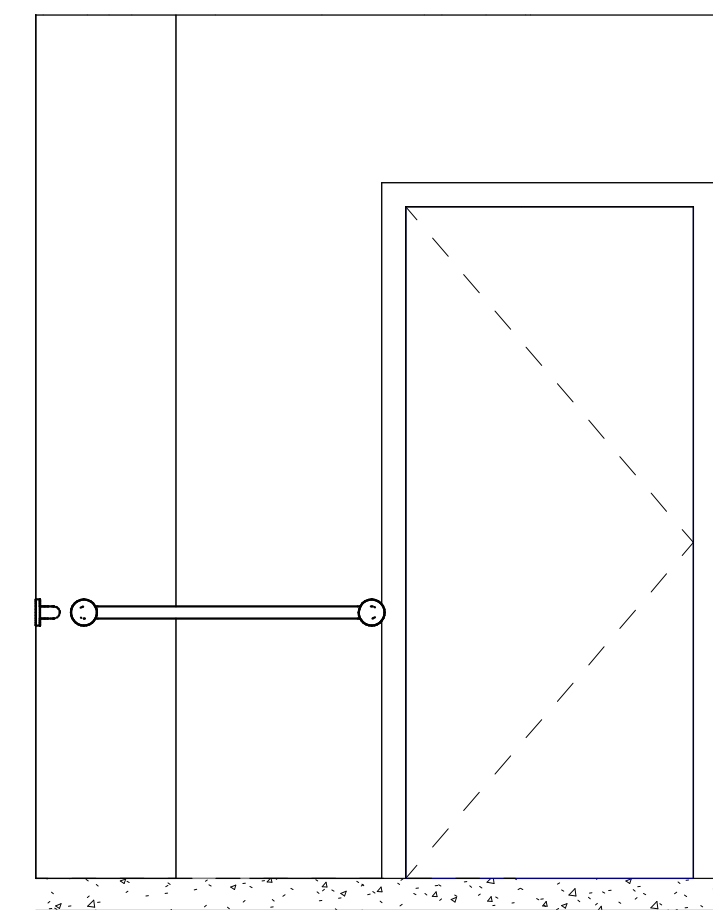
8250 W 80TH AVE STE 8
ARVADA, CO 80005



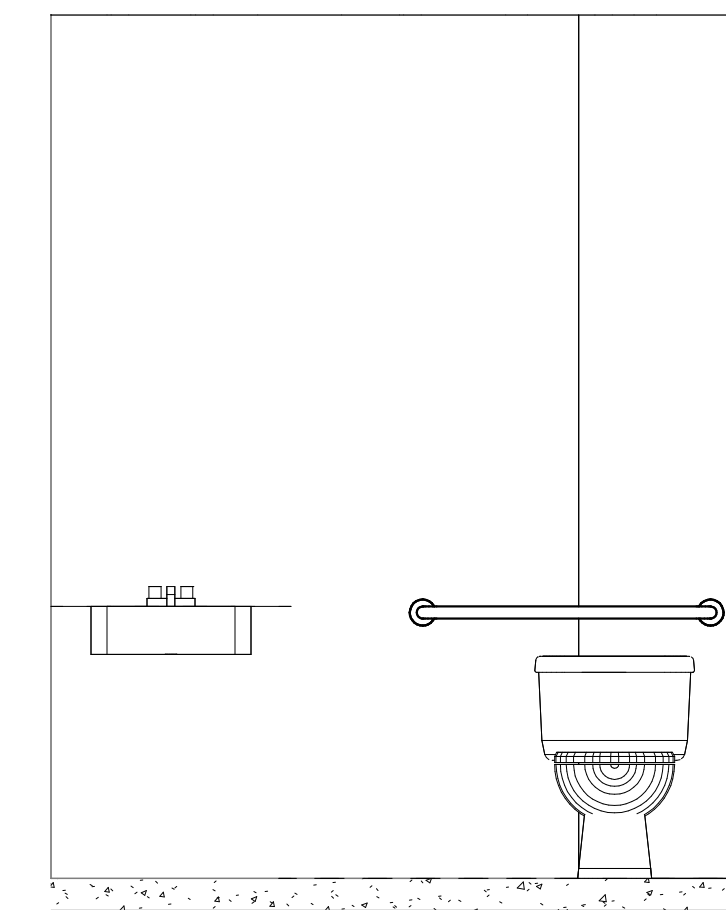
7 INTERIOR ELEVATION - UNISEX
RESTROOM SOUTH
SCALE: 1/2" = 1'-0"



6 INTERIOR ELEVATION - UNISEX
RESTROOM NORTH
SCALE: 1/2" = 1'-0"



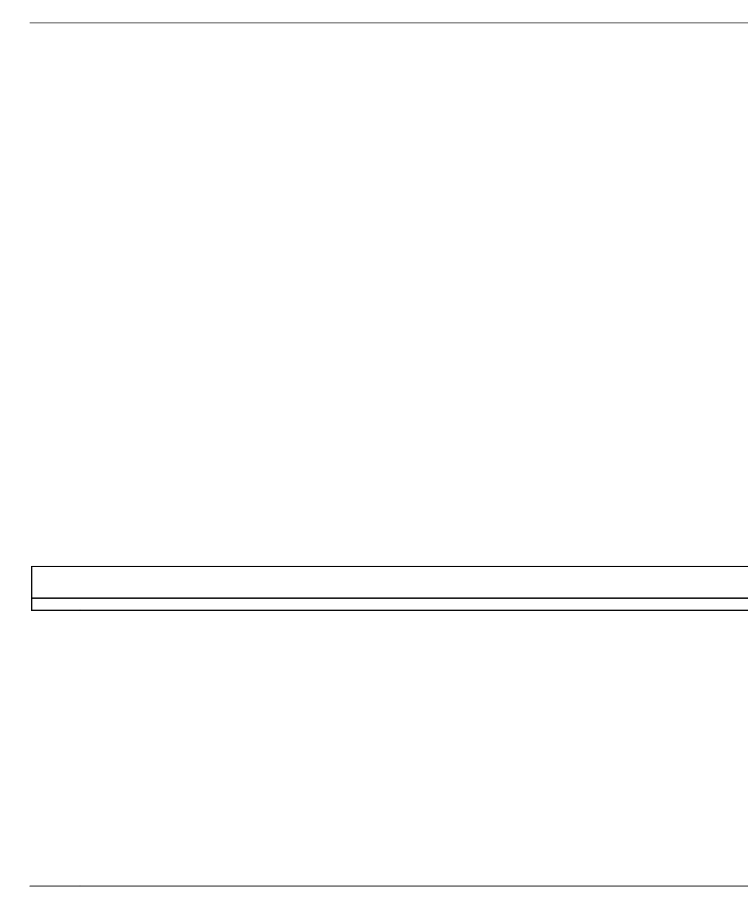
5 INTERIOR ELEVATION - UNISEX
RESTROOM EAST
SCALE: 1/2" = 1'-0"



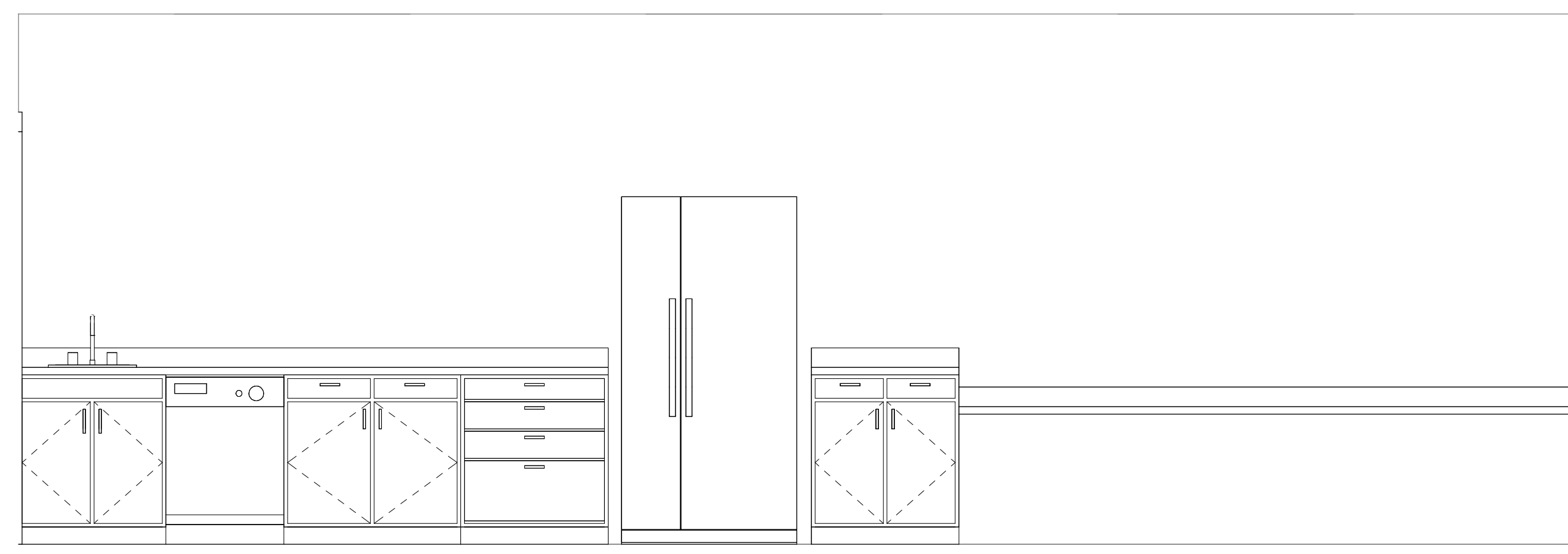
4 INTERIOR ELEVATION - UNISEX
RESTROOM WEST
SCALE: 1/2" = 1'-0"



10 INTERIOR ELEVATION - CONFERENCE
SCALE: 1/2" = 1'-0"



9 INTERIOR ELEVATION - BREAK
SCALE: 1/2" = 1'-0"



8 INTERIOR ELEVATION - BREAK ROOM
SCALE: 1/2" = 1'-0"

NO.	DESCRIPTION	DATE

INTERIOR ELEVATIONS	
Date	04.19.2024
Drawn by	MD
Checked by	MD
A501	
Scale	1/2" = 1'-0"

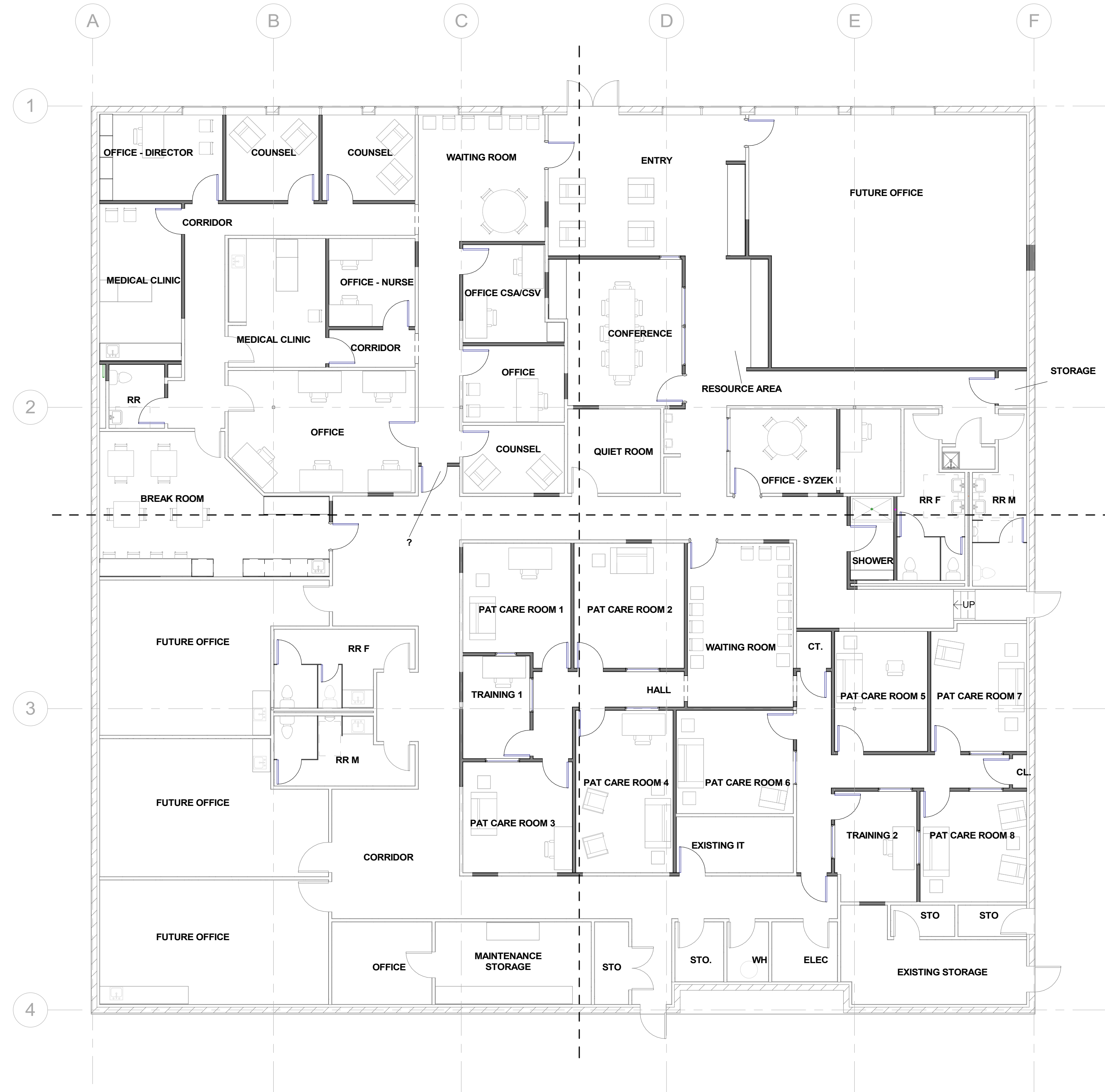
THE WELLNESS CENTER

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ARVADA, CO 80005



5/8/24

FINISH SCHEDULE						
Name	AREA	CEILING FINISH	BASE FINISH	FLOOR FINISH	WALL FINISH	Perimeter
WAITING ROOM	216 SF	ACT-1	RB-1	CPT-1	PT-1	59' - 2 1/2"
COUNSEL	107 SF	NONE	RB-1	CPT-1	PT-1	41' - 4"
COUNSEL	107 SF	ACT-1	RB-1	CPT-1	PT-1	41' - 4"
OFFICE - DIRECTOR	141 SF	ACT-1	RB-1	CPT-1	PT-1	48' - 4"
MEDICAL CLINIC	173 SF	ACT-1	RB-1	CPT-1	PT-1	55' - 5"
CORRIDOR	211 SF	ACT-1	RB-1	CPT-1	PT-1	109' - 5"
MEDICAL CLINIC	168 SF	ACT-1	RB-1	CPT-1	PT-1	56' - 7 1/2"
OFFICE - NURSE	101 SF	ACT-1	RB-1	CPT-1	PT-1	40' - 3"
OFFICE	298 SF	ACT-1	RB-1	CPT-1	PT-1	69' - 2 1/2"
BREAK ROOM	367 SF	ETR	RB-1	CPT-1	PT-1	84' - 3 1/2"
RR	47 SF	GYP-1	RB-1	CPT-1	CT-2	27' - 7"
CORRIDOR	121 SF	ACT-1	RB-1	CPT-1	PT-1	60' - 5 1/2"
OFFICE	104 SF	ACT-1	RB-1	CPT-1	PT-1	41' - 2"
COUNSEL	92 SF	ACT-1	RB-1	CPT-1	PT-1	39' - 2"
PAT CARE ROOM 6	162 SF	ACT-1	RB-1	CPT-1	PT-1	51' - 0"
PAT CARE ROOM 2	185 SF	ACT-1	RB-1	CPT-1	PT-1	54' - 6"
PAT CARE ROOM 3	163 SF	ACT-1	RB-1	CPT-1	PT-1	51' - 0 1/2"
TRAINING 1	92 SF	ACT-1	RB-1	CPT-1	PT-1	39' - 3 1/2"
PAT CARE ROOM 4	212 SF	ACT-1	RB-1	CPT-1	PT-1	60' - 2 1/2"
EXISTING IT	87 SF	NONE	NONE	NONE	PT-1	40' - 0"
TRAINING 2	119 SF	ACT-1	RB-1	CPT-1	PT-1	44' - 7 1/2"
WAITING ROOM	233 SF	ACT-1	RB-1	CPT-1	PT-1	62' - 6"
PAT CARE ROOM 5	149 SF	ACT-1	RB-1	CPT-1	PT-1	49' - 3 1/2"
PAT CARE ROOM 1	166 SF	ACT-1	RB-1	CPT-1	PT-1	54' - 0"
PAT CARE ROOM 7	161 SF	ACT-1	RB-1	CPT-1	PT-1	51' - 9 1/2"
PAT CARE ROOM 8	158 SF	ACT-1	RB-1	CPT-1	PT-1	50' - 3 1/2"
RR F	125 SF	GYP-1	RB-1	CT-1	CT-2	65' - 6"
RR M	74 SF	GYP-1	RB-1	CT-1	CT-2	45' - 9"
RR F	126 SF	GYP-1	RB-1	CT-1	CT-2	66' - 7 1/2"
RR M	115 SF	GYP-1	RB-1	CT-1	CT-2	63' - 6 1/2"
CORRIDOR	1528 SF	ETR	RB-1	CPT-1	PT-1	558' - 3 1/2"
CORRIDOR	43 SF	ACT-1	RB-1	CPT-1	PT-1	28' - 7"
CONFERENCE	240 SF	ACT-1	RB-1	CONC	PT-1	64' - 11 1/2"
QUIET ROOM	105 SF	ACT-1	RB-1	CPT-1	PT-1	41' - 0"
OFFICE - SYZEK	120 SF	NONE	NONE	NONE	PT-1	44' - 2"
HALL	99 SF	ACT-1	RB-1	CPT-1	PT-1	55' - 2"
EXISTING STORAGE	179 SF	ETR	ETR	ETR	ETR	66' - 1"
STO	27 SF	ETR	ETR	ETR	ETR	22' - 0"
STO	29 SF	ETR	ETR	ETR	ETR	23' - 0 1/2"
SHOWER	49 SF	GYP-1	RB-1	CONC	CT-2	29' - 5"
ELEC	52 SF	NONE	ETR	NONE	ETR	29' - 0"
WH	33 SF	NONE	ETR	NONE	ETR	23' - 5"
STO.	39 SF	NONE	ETR	NONE	ETR	25' - 1"
STO	37 SF	ETR	ETR	NONE	ETR	26' - 11"
MAINTENANCE STORAGE	173 SF	ETR	ETR	NONE	ETR	55' - 3"
OFFICE	111 SF	ETR	ETR	NONE	PT-1	42' - 3"
ENTRY	374 SF	NONE	RB-1	CONC	PT-1	83' - 4 1/2"
CL.	6 SF	NONE	RB-1	CONC	PT-1	10' - 10"
OFFICE CSA/CSV	113 SF	ACT-1	RB-1	CPT-1	PT-1	46' - 2"
CT.	17 SF	NONE	RB-1	CONC	PT-1	16' - 6"
STORAGE	13 SF	NONE	RB-1	CONC	PT-1	14' - 6"
RESOURCE AREA	61 SF	NONE	RB-1	CONC	PT-1	35' - 1 1/2"
FUTURE OFFICE	911 SF	ETR	ETR	NONE	NONE	123' - 1"
FUTURE OFFICE	393 SF	ETR	ETR	NONE	NONE	89' - 3"
FUTURE OFFICE	385 SF	ETR	ETR	NONE	NONE	85' - 1"
FUTURE OFFICE	383 SF	ETR	ETR	NONE	NONE	81' - 11"



1 FLOOR PLAN - FINISH PLAN
SCALE: 1/8" = 1'-0"

FINISH LEGEND

ACT-1	ACOUSTICAL CEILING TILE MANUF: ARMSTRONG OR ALI. PENDING APPROVAL DIM: 2x2, SUSPENDED	PT-2	PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT WET ROOM: SATIN NOTES: ZERO VOCs, REFER TO DRAWINGS FOR LOCATIONS	PT-4	PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT WET ROOM: SATIN NOTES: ZERO VOCs, REFER TO DRAWINGS FOR LOCATIONS	CT-1	CERAMIC TILE SUPPLIER: DALTILE PRODUCT: ANNAPOLIS FLEX COLOR / FINISH: WHITE / BEVEL DIM: 6x16 INSTALL: RUNNING BOND, RE: ELEV GROUT: CUSTOM BUILDING PRODUCTS #381 BRIGHT WHITE CONTACT: ASHLEY 720.309.5340	CPT-1	CARPET MANUF: TANDUS CENTIVA STYLE: SPUN 03656 COLOR: PEWTER TWINE 38206 PRODUCT: 6298430011 ANTRON LEGACY NYLON GOODS: MODULAR
RB-1	RUBBER BASE MANUF: ROPPE PRODUCT: 2-1/2" STRAIGHT COLOR: TBD LIGHT WARM GREY	PT-3	PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT WET ROOM: SATIN NOTES: ZERO VOCs, REFER TO DRAWINGS FOR LOCATIONS	PT-5	PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT WET ROOM: SATIN NOTES: ZERO VOCs, REFER TO DRAWINGS FOR LOCATIONS	CT-2	CERAMIC TILE SUPPLIER: DALTILE PRODUCT: ANNAPOLIS FLEX COLOR / FINISH: WHITE / BEVEL DIM: 6x16 INSTALL: RUNNING BOND, RE: ELEV GROUT: CUSTOM BUILDING PRODUCTS #381 BRIGHT WHITE CONTACT: ASHLEY 720.309.5340		
CONC	EXISTING CONCRETE TO REMAIN GRIND, POLISH, STAIN & STEEL EXISTING FLOOR SPEC TBD								
PT-1	PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT WET ROOM: SATIN NOTES: ZERO VOCs, REFER TO DRAWINGS FOR LOCATIONS								

NO.	DESCRIPTION	DATE

FINISH FLOOR PLAN

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

A701

Scale: As indicated



NO.	DESCRIPTION	DATE

MECHANICAL LEGEND	
Date	04.19.2024
Drawn by	MD
Checked by	MD
M001	
Scale	1" = 1'-0"

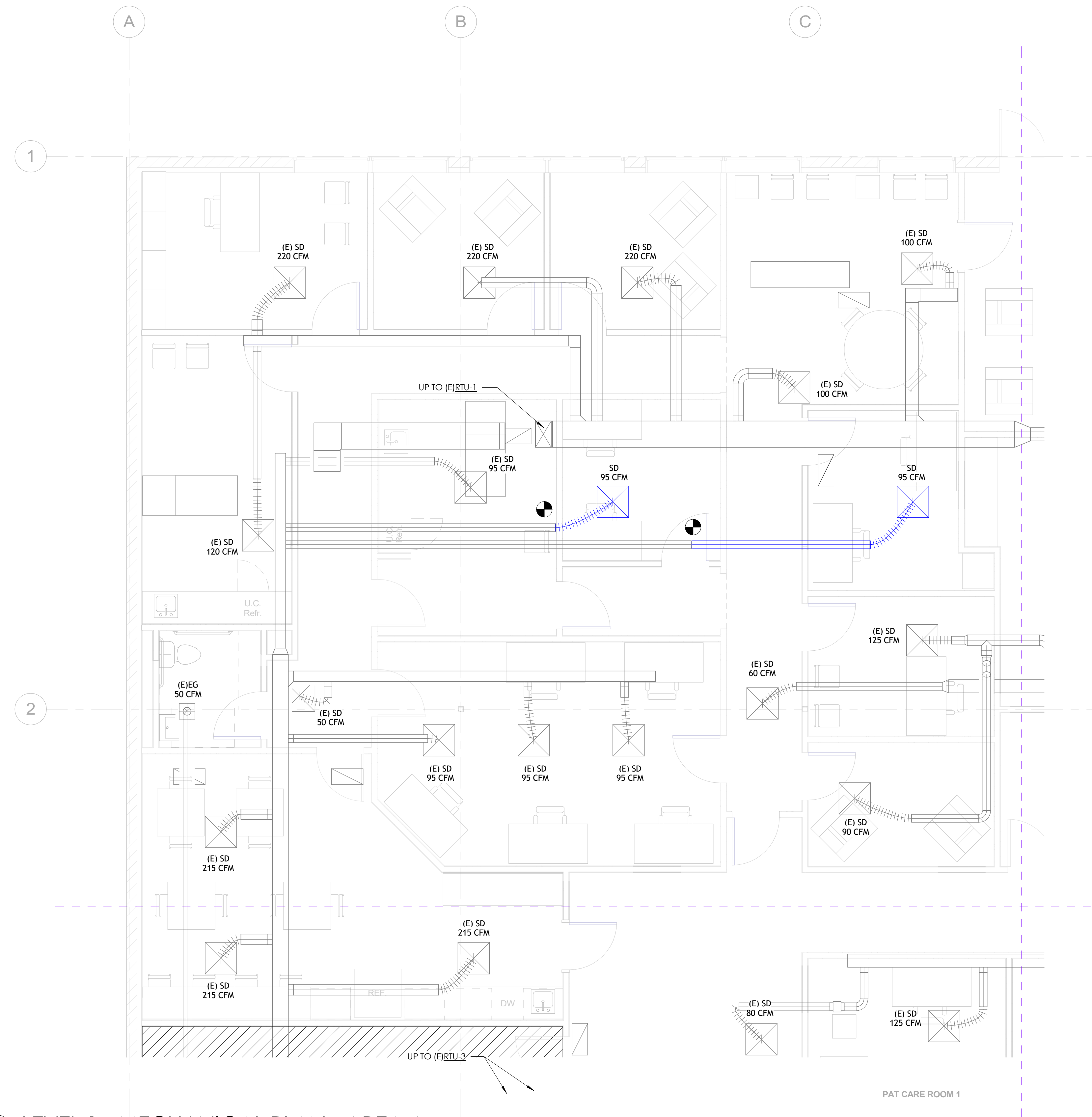
MECHANICAL SYMBOLS		ABBREVIATIONS	MECHANICAL GENERAL NOTES	
<p>PIPING</p> <p>— CD — CONDENSATE DRAIN PIPING</p>	<p>VALVES / SYMBOLS</p> <p>DIRECTION OF FLOW IN PIPING</p> <p>TWO WAY CONTROL VALVE</p> <p>THREE WAY CONTROL VALVE</p> <p>BUTTERFLY VALVE</p> <p>GLOBE VALVE</p> <p>BALANCING VALVE</p> <p>SOLENOID VALVE</p> <p>CONTROL VALVE</p> <p>THERMOSTATIC MIXING VALVE</p> <p>TRIPLE DUTY VALVE WITH PRESSURE PORTS</p> <p>CHECK VALVE</p> <p>STRAINER</p> <p>STRAINER WITH BLOWOFF</p> <p>RELIEF/SAFETY VALVE</p> <p>PRESSURE REDUCING VALVE</p> <p>VACUUM BREAKER</p> <p>VENTURI</p> <p>GAS COCK</p> <p>SIGHT GLASS</p> <p>BALL VALVE</p> <p>3/4" BALL DRAIN VALVE WITH 3/4" HOSE CONNECTION AND CAP ON CHAIN</p> <p>GATE VALVE</p> <p>PRESSURE/TEMPERATURE PORT</p> <p>UNION</p> <p>FLANGE CONNECTION</p> <p>PIPING ELBOW UP</p> <p>PIPING ELBOW DOWN</p> <p>PIPING TEE UP</p> <p>PIPING TEE DOWN</p> <p>PIPING CAP</p> <p>GAUGE COCK</p> <p>WATER HAMMER ARRESTOR</p> <p>PIPING REDUCER</p>	<p>NOTE: ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE DIMENSIONS.</p> <p>LINEAR SLOT DIFFUSER</p> <p>INSULATED FLEXIBLE DUCT (MAXIMUM 6'-0" LONG)</p> <p>BRANCH DUCT WITH 45° TAP AND MANUAL VOLUME DAMPER</p> <p>BRANCH DUCT WITH CONICAL FITTING AND MANUAL VOLUME DAMPER</p> <p>SUPPLY OR OUTSIDE AIR DUCT UP</p> <p>SUPPLY OR OUTSIDE AIR DUCT DOWN</p> <p>RETURN OR TRANSFER AIR DUCT UP</p> <p>RETURN OR TRANSFER AIR DUCT DOWN</p> <p>EXHAUST AIR DUCT UP</p> <p>EXHAUST AIR DUCT DOWN</p> <p>TYPE, NECK SIZE, CFM AT SUPPLY DIFFUSER OR REGISTER</p> <p>TYPE, THROAT SIZE, CFM AT RETURN GRILLE OR REGISTER</p> <p>TYPE, SIZE AT EXHAUST GRILLE OR REGISTER</p> <p>MANUAL VOLUME DAMPER</p> <p>SQUARE TO ROUND TRANSITION</p> <p>THERMOSTAT</p> <p>HUMIDISTAT</p> <p>CARBON DIOXIDE SENSOR</p> <p>CARBON MONOXIDE SENSOR</p> <p>TEMPERATURE SENSOR</p> <p>MOTORIZED DAMPER</p> <p>ROUND/OVAL DUCT RISER</p> <p>RECTANGULAR DUCT (PLAN DIMENSION SHOWN FIRST)</p> <p>ROUND DUCT</p> <p>FLAT OVAL DUCT (PLAN DIMENSION SHOWN FIRST)</p> <p>FLEXIBLE DUCT</p> <p>TRANSITION IN DUCT SIZE</p> <p>OPPOSED BLADE DAMPER</p> <p>PARALLEL BLADE DAMPER</p>	<p>A/C AIR CONDITIONING</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AHU AIR HANDLING UNIT</p> <p>BOD BOTTOM OF DUCT</p> <p>BOS BOTTOM OF STRUCTURE</p> <p>BTU BRITISH THERMAL UNIT</p> <p>CFM CUBIC FEET PER MINUTE</p> <p>CU CONDENSING UNIT</p> <p>CUH CABINET UNIT HEATER</p> <p>(D) DEMOLISHED</p> <p>DB DRY BULB</p> <p>DDC DIRECT DIGITAL CONTROL</p> <p>DN DOWN</p> <p>DX DIRECT EXPANSION</p> <p>EAT ENTERING AIR TEMPERATURE</p> <p>EDB ENTERING DRY BULB</p> <p>EF EXHAUST FAN</p> <p>ERV ENERGY RECOVERY VENTILATOR</p> <p>EWI ENTERING WATER TEMPERATURE EXISTING TO REMAIN</p> <p>(E) EXISTING</p> <p>GPM GALLONS PER MINUTE</p> <p>HD HEAD</p> <p>HP HORSEPOWER, HEAT PUMP</p> <p>HTG HEATING</p> <p>IN WC INCHES OF WATER COLUMN</p> <p>LAT LEAVING AIR TEMPERATURE</p> <p>LRA LOCKED ROTOR AMPS</p> <p>LWT LEAVING WATER TEMPERATURE</p> <p>MBH 1000 BTU PER HOUR</p> <p>MCA MINIMUM CIRCUIT AMPACITY</p> <p>MFR MANUFACTURER</p> <p>MMBH 1,000,000 BTU PER HOUR</p> <p>N/A NOT APPLICABLE</p> <p>NC NOISE CRITERIA, NORMALLY CLOSED</p> <p>NO NORMALLY OPEN</p> <p>OA OUTSIDE AIR</p> <p>PH,Ø PHASE</p> <p>RA RETURN AIR</p> <p>RLA RUNNING LOAD AMPS</p> <p>RPM REVOLUTIONS PER MINUTE</p> <p>SA SUPPLY AIR</p> <p>SF SQUARE FEET, SUPPLY FAN</p> <p>SP STATIC PRESSURE</p> <p>SS STAINLESS STEEL</p> <p>TA TRANSFER AIR OPENING</p> <p>TD TRANSFER DUCT</p> <p>TDH TOTAL DYNAMIC HEAD</p> <p>TSTAT THERMOSTAT</p> <p>TYP TYPICAL</p> <p>UH UNIT HEATER</p> <p>VAV VARIABLE AIR VOLUME</p> <p>W WITH</p> <p>W/O WITHOUT</p> <p>WB WET BULB</p> <p>WC WATER COLUMN</p> <p>WPD WATER PRESSURE DROP</p>	<p>1. THE PLANS ARE, TO A GREAT EXTENT, DIAGRAMMATIC IN NATURE. DRAWING SCALES SHOULD BE VERIFIED FROM DIMENSIONS ON ARCH. PLANS. THE INFORMATION PRESENTED IS AS EXACT AS COULD BE SECURED. THE CONTRACTOR SHALL OBTAIN EXACT LOCATION, MEASUREMENTS LEVELS, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT THE WORK TO THE ACTUAL CONDITIONS AT THE PROJECT SITE.</p> <p>2. CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID TO COVER THE CONDITIONS AT THE SITE INFORMING THEMSELVES OF ALL DETAILS.</p> <p>3. ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, LAWS, ACTS AND ORDINANCES, AND ALL AUTHORITIES HAVING JURISDICTION.</p> <p>4. THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL ENGINEERING REQUIREMENTS, THE OWNER'S DESIGN CRITERIA, UTILITY COMPANY REQUIREMENTS, APPLICABLE INDUSTRY STANDARDS OF GOOD PRACTICE AND SAFETY, AND THE MANUFACTURER'S STRICTEST RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION.</p> <p>5. RECORD DRAWINGS - PREPARE AND SUBMIT TO THE OWNER RECORD DRAWINGS INDICATING THE EXACT LOCATION OF ALL EQUIPMENT INCLUDING THE EQUIPMENT'S "AS INSTALLED" SIZE(S), MANUFACTURER, MODEL NUMBERS, AND PERFORMANCE RATINGS.</p> <p>6. SUPPORTS - EQUIPMENT, PIPING, DUCTWORK OR ANY OTHER ACCESSORY SHALL NOT BE SUPPORTED FROM OTHER PIPING, DUCTWORK, METAL ROOF DECK, LATERAL BRACING BRIDGING, OR CONDUIT. ITEMS SHALL ONLY BE SUPPORTED FROM BUILDING STRUCTURE.</p> <p>7. COORDINATE EXACT LOCATION OF ALL DUCTWORK, AIR TERMINAL UNITS, PIPING, ETC., WITH STRUCTURAL, ARCHITECTURAL, ELECTRICAL, AND OTHER MECHANICAL SYSTEMS.</p> <p>8. WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONED, INSTALL MECHANICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE.</p> <p>9. ALL DUCTWORK, PIPING, AND TEMPERATURE CONTROL CONDUIT TO VIBRATING EQUIPMENT SHALL HAVE FLEXIBLE CONNECTORS.</p> <p>10. COORDINATE ALL ROOF AND CHASE PENETRATIONS WITH STRUCTURAL DRAWINGS AND ROOF INSTALLER.</p> <p>11. THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK.</p> <p>12. ALL TESTS SHALL BE COMPLETED BEFORE ANY MECHANICAL EQUIPMENT OR PIPING INSULATION IS APPLIED.</p> <p>13. PROVIDE MINIMUM 36" ACCESS CLEARANCE TO ALL MAINTENANCE PANELS.</p> <p>14. CONTRACTOR TO COORDINATE DUCTWORK WITH FIRE RATED WALLS AND FLOORS SHOWN ON ARCHITECTURAL DRAWINGS, MAINTAINING NECESSARY RATING OF WALLS. CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTIONS TO SMOKE-FIRE DAMPERS.</p> <p>15. ALL SA DUCT BRANCH TAKE-OFFS TO DIFFUSER TO BE SAME SIZE AS DIFFUSER NECK UNLESS OTHERWISE NOTED.</p> <p>16. ALL DUCTWORK DIMENSIONS, AS SHOWN ON THE DRAWINGS, ARE INTERNAL CLEAR DIMENSIONS AND DUCT SIZE SHALL BE INCREASED TO COMPENSATE FOR DUCT LINING THICKNESS.</p> <p>17. PROVIDE MIN. OF 5'-0" OF DUCT FROM AHU AND/OR HEAT PUMP TO FIRST DIFFUSER TAKE-OFFS.</p> <p>18. CONTRACTOR SHALL COORDINATE LOCATION OF ALL DIFFUSERS AND GRILLES WITH STRUCTURAL, ELECTRICAL, AND ARCHITECTURAL REFLECTED CEILING PLANS.</p> <p>19. BEFORE INSTALLATION, EQUIPMENT CONTRACTOR SHALL VERIFY THAT COILS CAN BE REMOVED WITHOUT INTERFERENCE. CONTRACTOR SHALL PROVIDE ADEQUATE ACCESS AND COIL REMOVAL SPACE FOR ALL EQUIPMENT.</p> <p>20. ACCESS PANELS ARE REQUIRED (MIN. 18"X18") FOR ACCESS TO EVERY VALVE, DAMPER, AIR TERMINAL UNIT, AND CONTROL SENSOR IF NOT OTHERWISE ACCESSIBLE.</p>
<p>MISCELLANEOUS</p> <p>SECTION CUT, UPPER NUMBER INDICATED DRAWING NUMBER LOWER NUMBER INDICATES SHEET NUMBER</p> <p>CONNECTION POINT OF NEW WORK TO EXISTING</p> <p>DETAIL REFERENCE: UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER</p> <p>NOTE REFERENCE SYMBOL</p>		<p>MOUNTING HEIGHTS U.N.O</p> <p>THERMOSTATS (USER ADJ.) 48" (ADA)/ 60"</p> <p>CONTROLS (CENTERLINE) 48" (ADA)/ 60"</p>	<p>MECHANICAL SPECIFICATIONS</p> <p>CODE COMPLIANCE AND STANDARDS: IMC 2018</p> <p>DUCTWORK: GALVANIZED SHEET METAL, ASTM A527 COATING DESIGNATION G90</p> <p>DUCT INSULATION: WITHIN BUILDING ENVELOPE AND NOT EXPOSED IN SPACE BEING SERVED: R-6: 1.5" THICK, 0.75 LB/CF DENSITY FIBERGLASS WITH FOIL SCRIM FACING</p> <p>FIRE HAZARD CLASSIFICATION FOR INSULATION MATERIALS: FLAME SPREAD 25 OR LESS, SMOKE RATING 50 OR LESS</p> <p>ADHESIVE AND FASTENERS: COMPLY WITH NFPA 90A AND INDUSTRY STANDARDS</p> <p>DUCT CONSTRUCTION & INSTALLATION: CONSTRUCT IN ACCORDANCE WITH LATEST EDITION OF SMACNA "HVAC DUCT CONSTRUCTION STANDARDS"</p> <p>FLEXIBLE DUCTWORK: INSULATED PRESSURE RATING SUITABLE FOR APPLICATION. MAXIMUM LENGTH IS 5'</p>	

GENERAL NOTES - MECHANICAL

- 1. REBALANCE ALL DIFFUSERS TO MATCH FLOWRATES INDICATED ON PLANS.
- 2. REBALANCE EXHAUST FAN TO ALIGN WITH NEW EXHAUST CFM RATES INDICATED ON PLANS.



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1 LEVEL 1 - MECHANICAL PLAN - AREA A
SCALE: 1/4" = 1'-0"

THE WELLNESS CENTER

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ARVADA, CO 80005



NO.	DESCRIPTION	DATE

MECHANICAL PLAN - AREA A

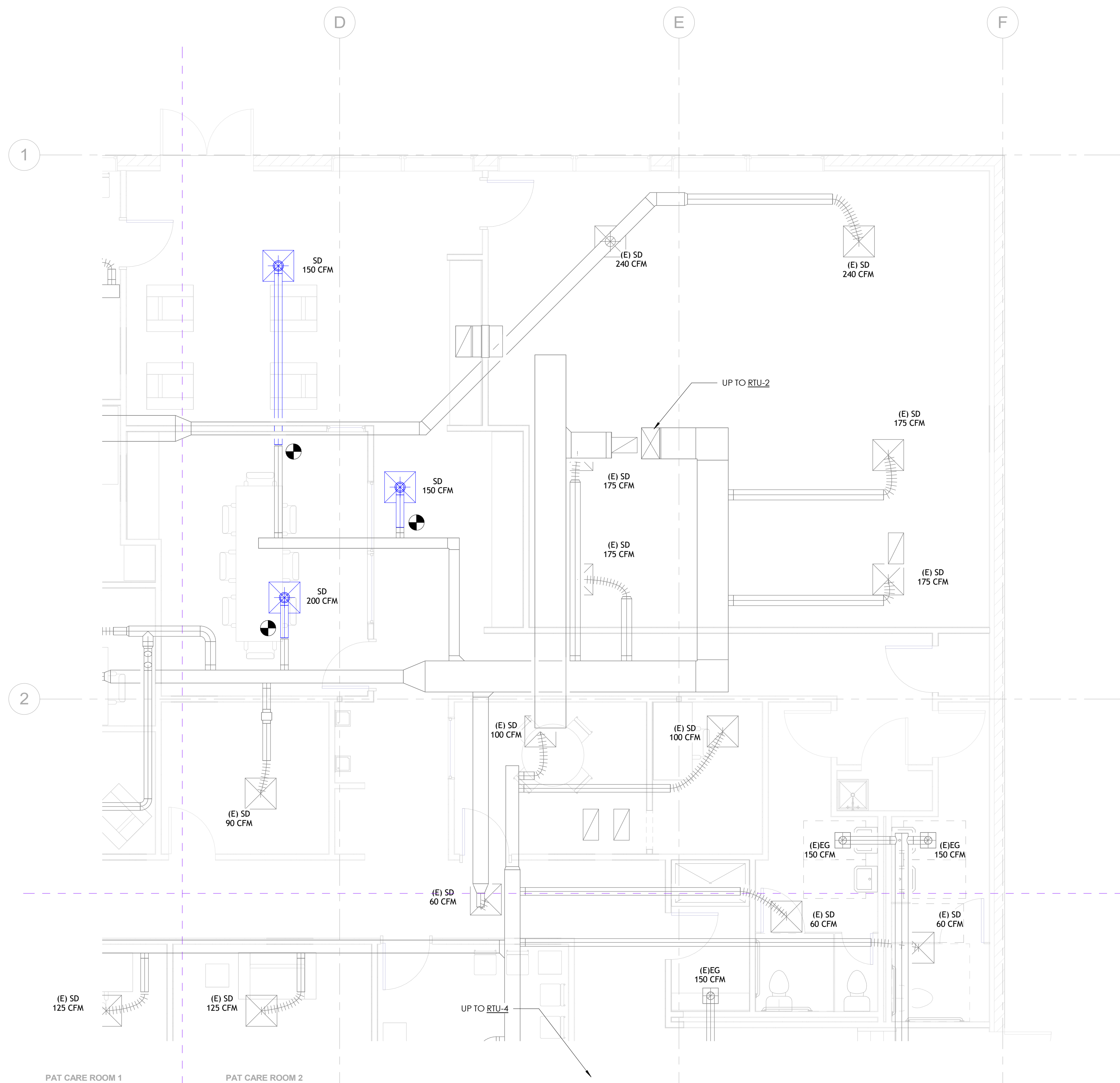
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M101-A

Scale: As indicated

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1 LEVEL 1 - MECHANICAL PLAN - MECHANICAL PLAN - AREA B
SCALE: 1/4" = 1'-0"

NO.	DESCRIPTION	DATE

MECHANICAL PLAN - AREA B

Date: 04.19.2024
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M101-B

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

THE WELLNESS CENTER

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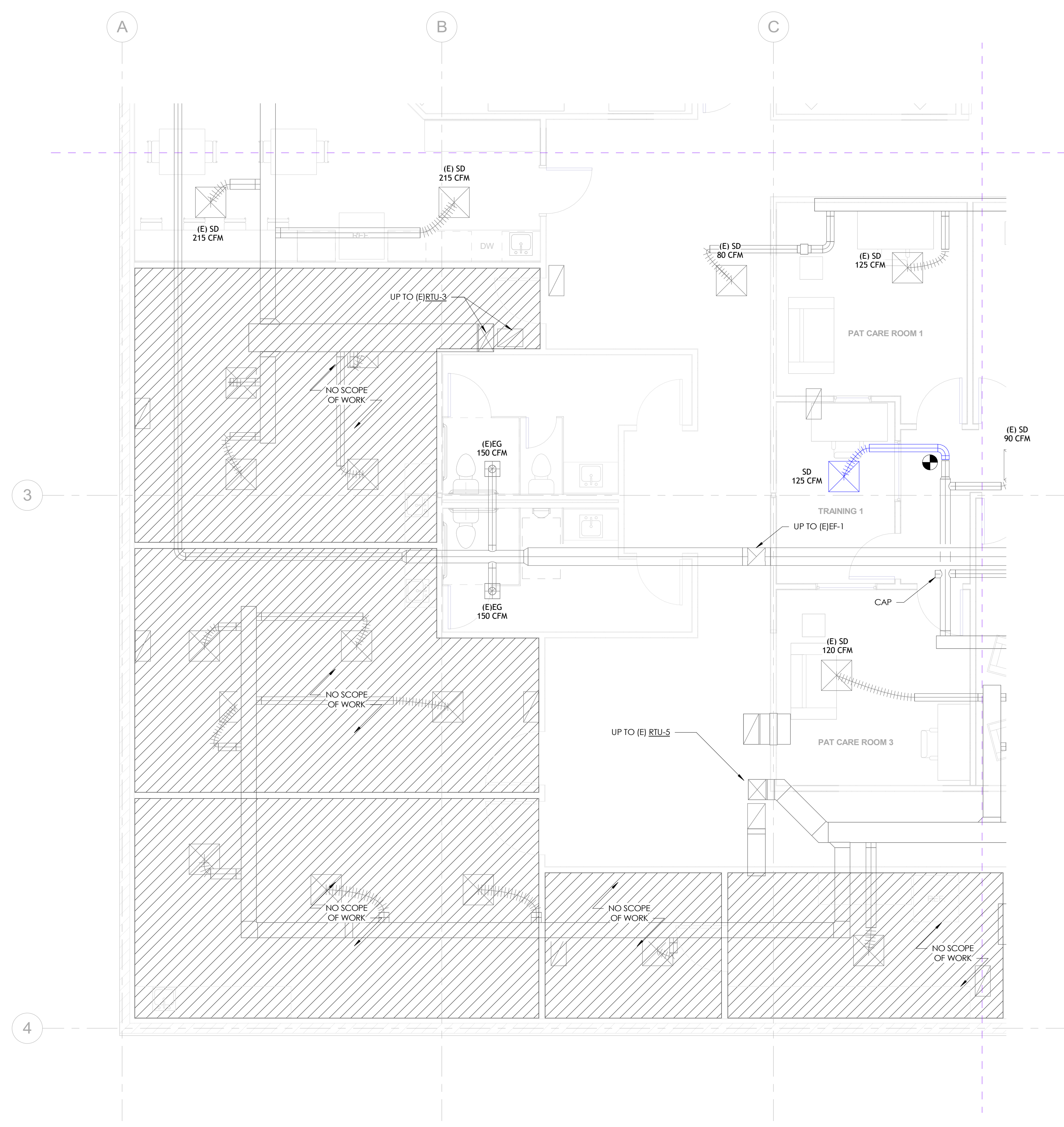
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MECHANICAL PLAN - AREA C

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

M101-C

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



1 LEVEL 1 - MECHANICAL PLAN - AREA C
SCALE: 1/4" = 1'-0"

THE WELLNESS CENTER

8250 W 80TH AVE STE 8
ARVADA, CO 80005



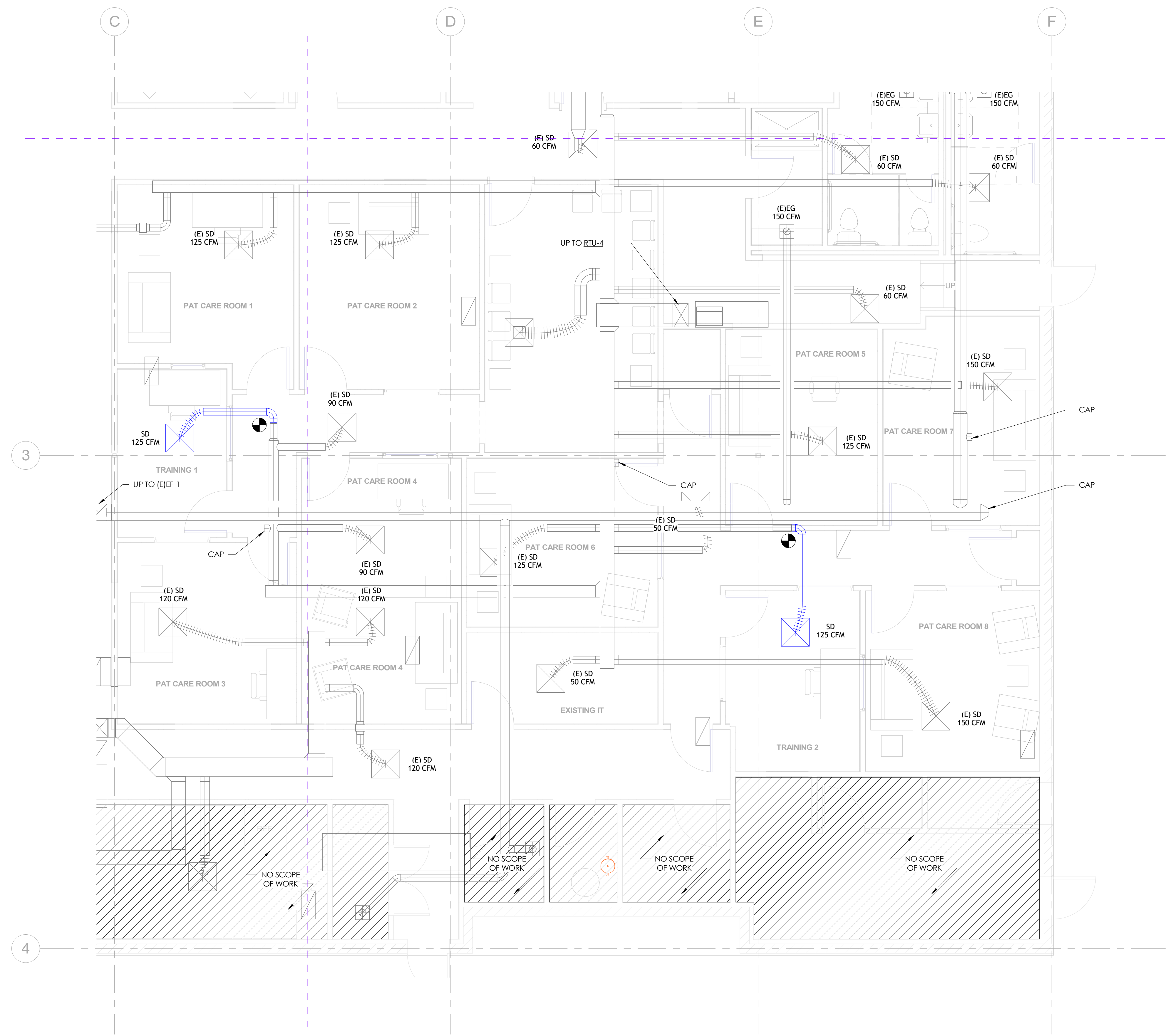
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MECHANICAL PLAN - AREA D

Date: 04.19.2024
 Drawn by: MD
 Checked by: MD

M101-D

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



1 LEVEL 1 - MECHANICAL PLAN - AREA D
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE & EQUIPMENT CONNECTION SCHEDULE

FIXTURE	COMPONENT	MANUFACTURER	MODEL	COLOR	DESCRIPTION	FLOW RATE (GPM/GPF)	ACCESSIBLE	WASTE	VENT	CW	HW
WC-1	WATER CLOSET SEAT	TOTO TOTO	CST744E SC534	WHITE WHITE	FLOOR MOUNTED, TANK TYPE, ELONGATED RIM. OPEN FRONT SOLID PLASTIC SEAT.	1.28	NO	4"	2"	1/2"	-
WC-2	WATER CLOSET SEAT	TOTO TOTO	CST744EF.10 SC534	WHITE WHITE	FLOOR MOUNTED, TANK TYPE, ELONGATED RIM. OPEN FRONT SOLID PLASTIC SEAT.	1.28	YES	4"	2"	1/2"	-
U-1	URINAL FLUSH VALVE	KOHLER SLOAN	K-5016-ET 186-0.25	WHITE CHROME	TOP SPUD, RE: ARCH FOR MOUNTING HEIGHT. MANUALLY OPERATED FLUSH VALVE.	0.25	YES	2"	1-1/2"	3/4"	-
L-1	LAVATORY FAUCET	KOHLER DELTA	K-2005 501LF-HGMHDF	WHITE CHROME	WALL HUNG, 4" CENTERS, PROVIDE WITH CARRIER, COORDINATE WITH WALL. MANUALLY OPERATED FAUCET, W/TMV-1.	0.5	YES	2"	1-1/2"	1/2"	1/2"
BF-1	BOTTLE FILL STATION	ELKAY	LZW5MDK	STAINLESS STEEL	RECESSED IN WALL, HANDS FREE OPERATION, 18 GAUGE STAINLESS STEEL, WITH 1/2" P-TRAP.	-	YES	2"	1-1/2"	1/2"	-
SH-1	SHOWER HAND SHOWER PAN	DELTA INCLUDED WITH SHOWER PAN	T13H132-252 - ADAW-3636	CHROME - WHITE	ROUGH BRASS SHOWER VALVE WITH CHROME TRIM, SHOWER HEAD, ARM. PROVIDE WITH DIVERTER VALVE, 36" SLIDE BAR, HAND SHOWER AND HOSE.	1.5	YES	2"	1-1/2"	1/2"	1/2"
IMB-1	ICE MAKER BOX	SIoux CHIEF	696-10	WHITE	1/4 TURN VALVE WITH HAMMER ARRESTOR, PAINT FACEPLATE TO MATCH (RE: ARCH)	-	-	2"	1-1/2"	1/2"	-
SA-1	SHOCK ARRESTOR	SIoux CHIEF	652-A	COPPER	SIZE "A", PISTON-TYPE WATER HAMMER ARRESTOR, PROVIDE WITH LINE SIZE FOR USE AND PROVIDE WITH ACCESS.	-	-	-	-	PER PLAN	-
GDU-1	GARBAGE DISPOSAL UNIT	IN-SINK-ERATOR	BADGER 5	-	GALVANIZED STEEL CONSTRUCTION, CONTINUOUS FEED, WITH WALL OUTLET. 1/2 H.P., 120/60/1% C.	-	-	2"	-	-	-
TMV-1	THERMOSTATIC MIXING VALVE	POWERS	LFE480	ROUGH BRASS	0.5 GPM @ 5 PSI LOSS MAX. ASSE 1070 LISTED, SET AT 110% DF OR OWNER'S REQUIREMENTS. BATH SINK UNLESS OTHERWISE INDICATED, WITH ACCESS FOR ADJUSTMENT.	-	-	-	-	-	-

GENERAL NOTES - PLUMBING

1. XX

KEYNOTES - PLUMBING

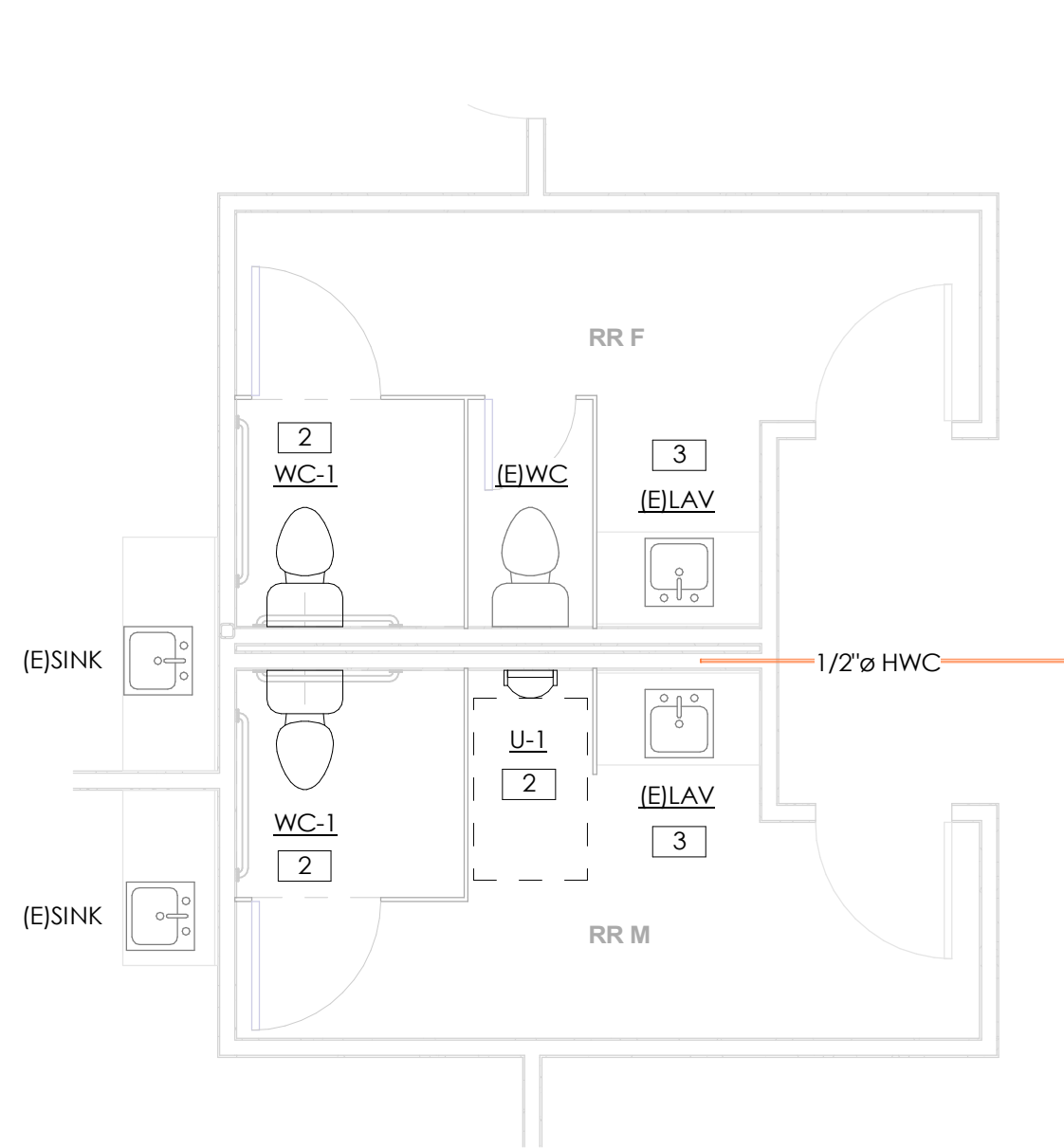
- 1 RETAIN EXISTING SINK FIXTURE AND REINSTALL IN PLACE WITH NEW COUNTERTOP.
- 2 MODIFY EXISTING CW, HW, SAN, AND VENT CONNECTIONS TO ACCOMMODATE NEW FIXTURE.
- 3 MODIFY EXISTING CW, HW, SAN, AND VENT CONNECTIONS TO ACCOMMODATE NEW FIXTURE. NEW HWC CONNECTION WITHIN 24" OF SUPPLY PIPE TO NEW PUBLIC LAVATORY FIXTURE.
- 4 ROUTE NEW DOMESTIC CW, HW, SAN, AND VENT PIPING FROM EXISTING MAINS TO NEW PLUMBING FIXTURE. CONTRACTOR TO CONFIRM LOCATION/SIZE OF EXISTING MAINS BEFORE FINAL ROUTING.



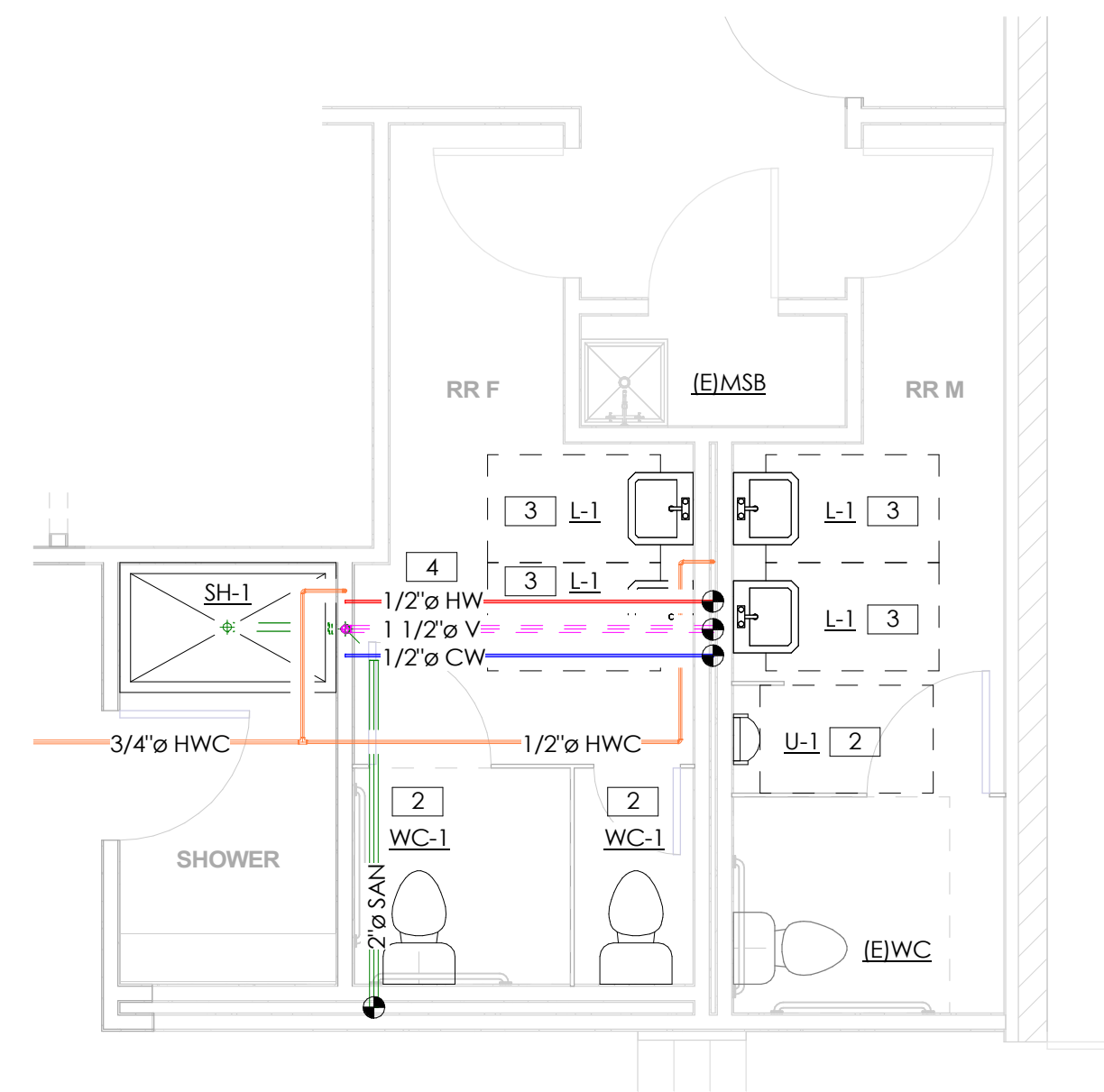
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THE WELLNESS CENTER

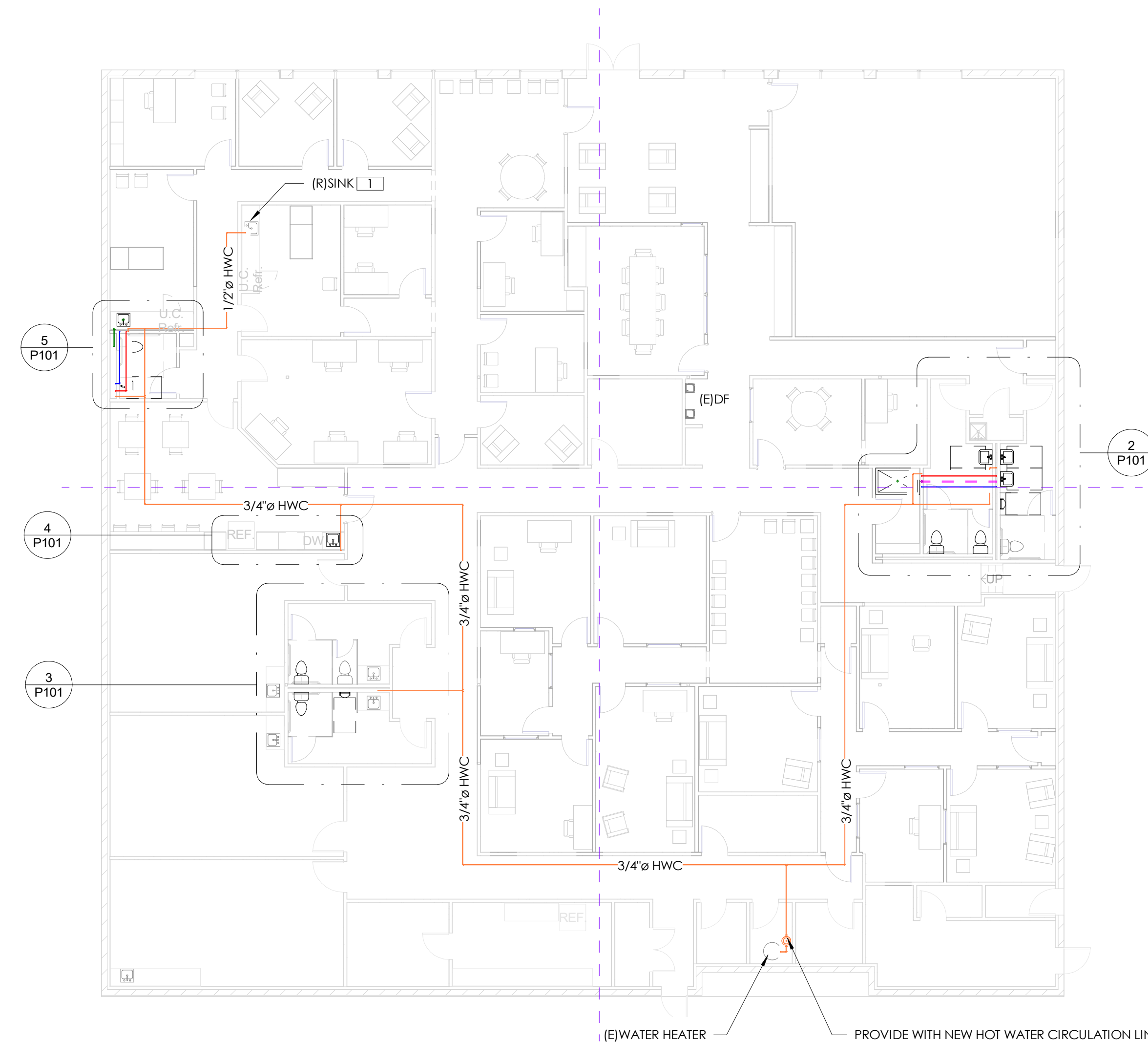
8250 W 80TH AVE STE 8
ARVADA, CO 80005



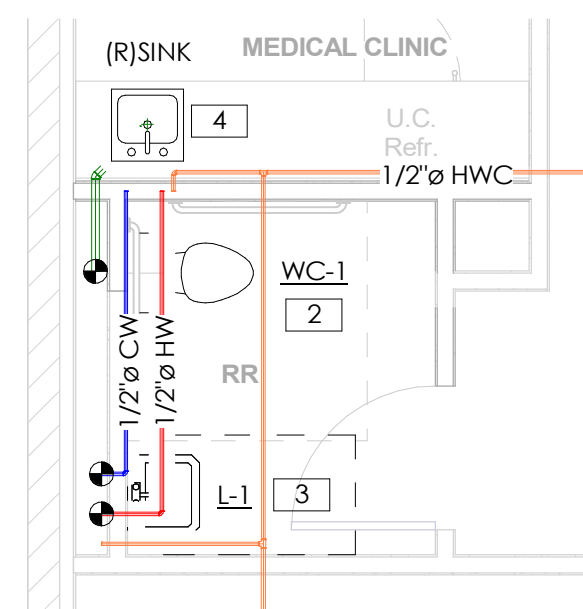
3 PLUMBING PLAN - RESTROOM GROUP A
SCALE: 1/4" = 1'-0"



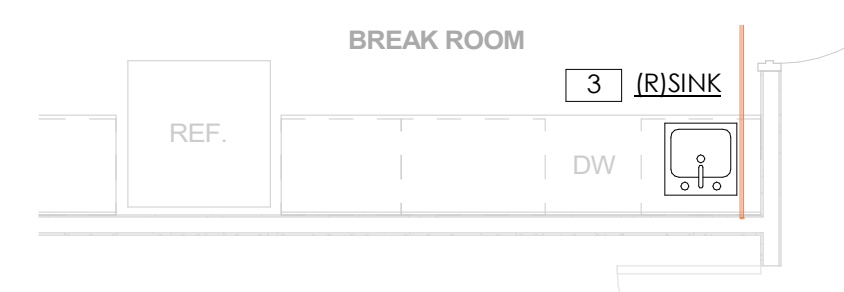
2 PLUMBING PLAN - RESTROOM GROUP B
SCALE: 1/4" = 1'-0"



1 OVERALL PLUMBING PLAN
SCALE: 3/32" = 1'-0"



5 PLUMBING PLAN - ADA RESTROOM
SCALE: 1/4" = 1'-0"



4 PLUMBING PLAN - COMMON BREAK ROOM
SCALE: 1/4" = 1'-0"

NO.	DESCRIPTION	DATE

PLUMBING PLANS

Date: 04.19.2024
Drawn by: MD
Checked by: MD

P101

Scale: As indicated



Inspection Checklist

Energy Code: 2021 IECC

Requirements: 100.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

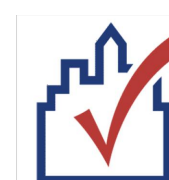
Project Title: The Bridge Wellness Center Report date: 05/02/24
Data filename: Page 2 of 5

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4, C405.2.4.1, C405.2.4.2 [EL23]?	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces. C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.5 [EL27]?	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.7 [EL26]?	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.8 [EL27]?	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.9.1, C405.9.2 [EL28]?	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.10 [EL29]?	Total voltage drop across the combination of feeders and branch circuits <= 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.1.1 [EL30]?	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy >= 65 lm/W or luminaires with efficacy >= 45 lm/W or comply with C405.2.4 or C405.3.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.11, C405.11.1 [EL31]?	50% of 15/20 amp receptacles installed in enclosed offices, conference rooms, copy rooms, break rooms, classrooms and workstations and > 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.11.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: The Bridge Wellness Center Report date: 05/02/24
Data filename: Page 4 of 5



Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: The Bridge Wellness Center
Project Type: Alteration

Construction Site: 8250 W 80th Avenue, Suite 8
Arvada, Colorado 80005
Owner/Agent: Designer/Contractor:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Medical Office Space (Health Care-Clinic)	9100	0.81	7371
Total Allowed Watts =			7371

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Watt. (C X D)	E
Medical Office Space (Health Care-Clinic, 9100 sq.ft.)				
LED: A: 2'x4' Troffer: Other:	1	45	45	2025
LED: A1: 2'x2' Troffer: Other:	1	57	30	1710
LED: B: Linear Restroom Light (per foot: Other:	1	48	3	139
LED: C: 2" Cylinder Pendant: Other:	1	6	11	66
LED: D: 4" Downlight: Other:	1	16	12	192
LED: LP: 8" Linear Pendant: Other:	1	13	71	926
LED: LP1: 96" Linear Pendant: Other:	1	1	50	50
LED: P: 5" Globe Pendant: Other:	1	3	5	15
LED: P1: 24" Ring Pendant: Other:	1	1	43	43
LED: P2: 32" Ring Pendant: Other:	1	1	85	85
LED: P3: 43" Ring Pendant: Other:	1	1	111	111
LED: S: 4" Strip Light: Other:	1	1	40	40
LED: V: 24" Vanity Light: Other:	1	1	21	21
Total Proposed Watts =			5423	

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Dawn Keller
Name - Title Signature Date

Project Title: The Bridge Wellness Center Report date: 05/02/24
Data filename: Page 1 of 5

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1 [EL22]?	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1, C405.2.1.1 [EL18]?	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, corridors, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1, C405.2.1.2 [EL19]?	Occupancy sensors control function in warehouses: In warehouses, the lighting in aislesways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor. Lights not turned off by occupant sensors is done so by time-switch.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.1, C405.2.1.3 [EL20]?	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2, C405.2.2.1 [EL21]?	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: The Bridge Wellness Center Report date: 05/02/24
Data filename: Page 3 of 5

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.2, C408.2.5.2 [F117]?	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.1.1 [F157]?	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 [F116]?	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 [F133]?	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: The Bridge Wellness Center Report date: 05/02/24
Data filename: Page 5 of 5



STAMP AND SIGNATURE:



THE WELLNESS CENTER
8250 W 80TH AVE, STE 8
ARVADA, COLORADO 80005

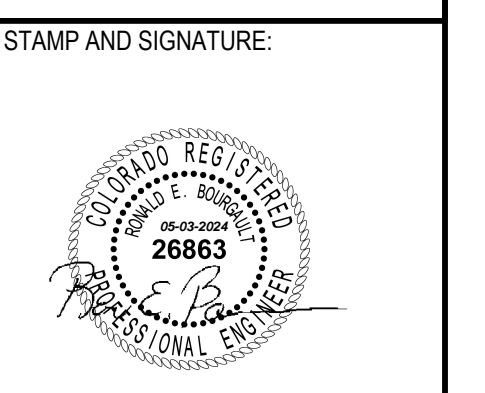
ISSUED FOR: PERMIT
ISSUE DATE: 05.03.2024

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SHEET TITLE:
ELECTRICAL COMCHECK

SHEET NUMBER:
E002

PROJECT NUMBER: DK24.034



THE WELLNESS CENTER
8250 W 80TH AVE, STE 8
 ARVADA, COLORADO 80005

ISSUED FOR: PERMIT
 ISSUE DATE: 05.03.2024

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SHEET TITLE:
POWER PLAN

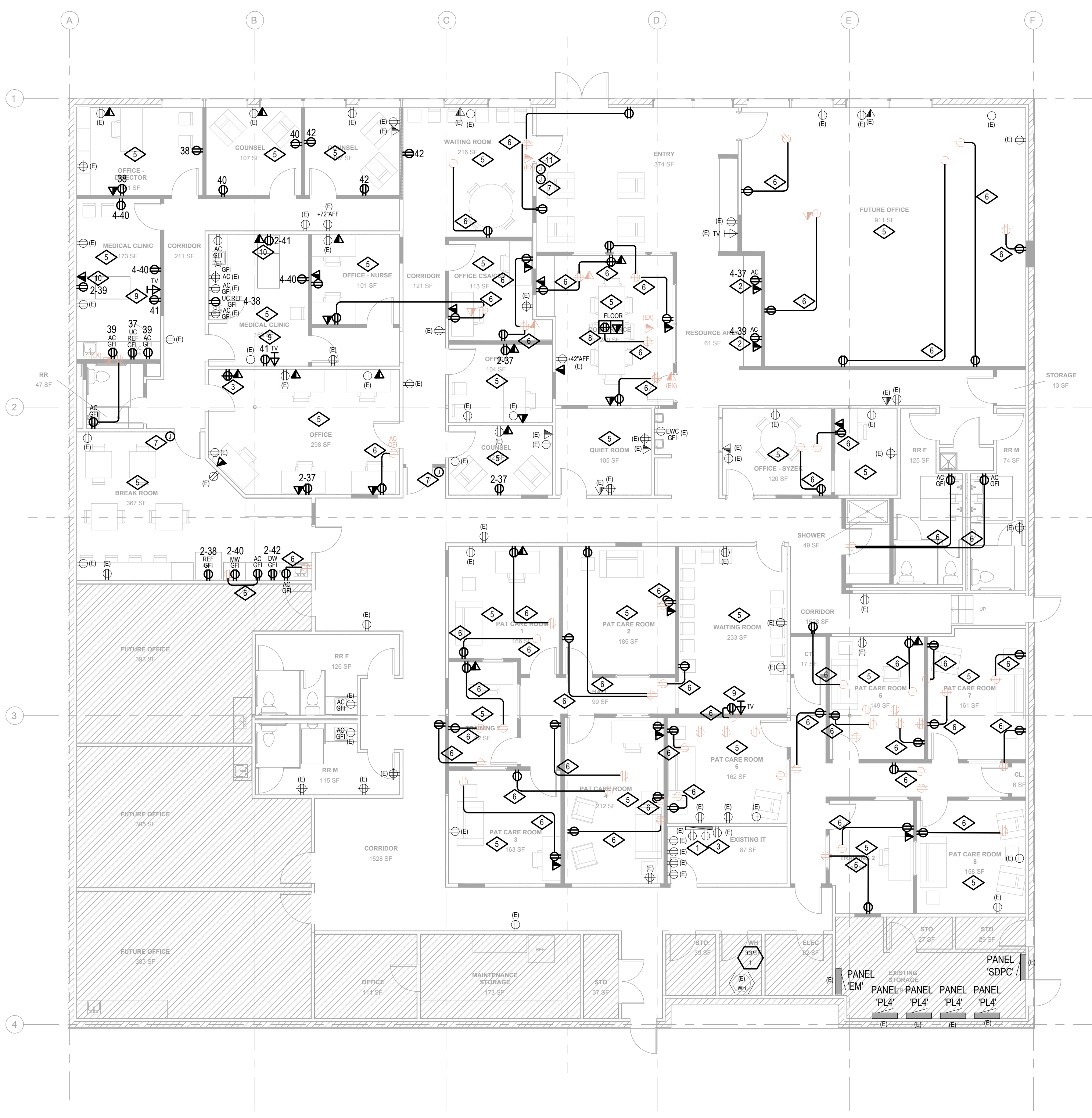
SHEET NUMBER:
E100

PROJECT NUMBER: DK24.034

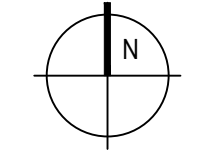
EQUIPMENT SCHEDULE										April 28, 2024		
Key	Equipment	Equipment Load			Volt	Ø	Branch Circuit Conductors	Conduit	Disconnect		Panel/Circuit	Comment
		KW	HP	Amps					Switch	Fuse		
PUMPS												
RC-1	Recirculation Pump	1/2	9.8	A	120	1	2#12, #12G	3/4"	Sto	NA	PL4- 42	
Notes: (Apply to all equipment where applicable)												
1. Field verify final location and confirm electrical requirements of all equipment with provider prior to any work. Confirm all breaker sizes with nameplate data before ordering any materials and provide all work necessary for a complete and code compliant installation.												
2. Provide line voltage controls and wiring as required for proper operation of equipment. Field verify control requirements with equipment provider and field verify final location of controls with owner. Controls shall be installed in an accessible location.												
3. Provide HACR breakers for all dedicated circuits serving equipment and provide local disconnecting means in accordance with NEC 430 Part IX.												
4. Verify integral thermal/overload protection for fractional horsepower motors. Provide separate overload device where required in accordance with NEC 430 Part III.												
5. Electric motors shall meet minimum efficiency requirements in accordance with IECC Tables C405.8(1-4).												

- POWER PLAN GENERAL NOTES:**
- PROVIDE GFI OUTLET WITHIN 25' OF EQUIPMENT IN ACCORDANCE WITH NEC 210.63. PROVIDE WEATHERPROOF GFI OUTLET ON ROOFTOPS WITHIN 25' OF ROOFTOP EQUIPMENT.
 - ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT AND ENCLOSED IN A WEATHERPROOF EXTRA DUTY ENCLOSURE WHILE IN USE IN ACCORDANCE WITH NEC 406.9(B).
 - FIELD VERIFY FINAL LOCATION OF ALL EQUIPMENT WITH PROVIDER PRIOR TO ROUGH-IN.
 - ALL RECEPTACLES IN BATHROOMS, KITCHENS, ROOFTOPS, EXTERIOR, AND WITHIN 6FT. OF A SINK, AND ALL OTHER REQUIRED LOCATIONS SHALL BE GFCI (OR SERVED BY A GFI CIRCUIT BREAKER) PER NEC 210.8(B) AND 422.5. THE E.C. SHALL PROVIDE GFCI OUTLETS (OR CIRCUIT BREAKERS) IN ALL LOCATIONS REQUIRED BY THE NEC. PROVIDE GFCI TEST SWITCH (OR GFCI BREAKER) IN READILY ACCESSIBLE LOCATION PER NEC.
 - PER NEC 210.65(B), THE TOTAL QUANTITY OF RECEPTACLES IN THE CONFERENCE ROOM(S) SHALL BE DETERMINED IN ACCORDANCE WITH NEC 210.52, BUT ARE PERMITTED TO BE LOCATED AT THE DESIGNER'S DISCRETION.
 - PROVIDE CONNECTION TO TENANT SIGN. FIELD VERIFY ELECTRICAL REQUIREMENTS AND FINAL LOCATION WITH PROVIDER, TENANT AND LANDLORD. PROVIDE PHOTOCELL ON/TIMECLOCK OFF CONTROLS. PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION.
 - NUMBERS NEXT TO DEVICES REFER TO CIRCUIT DESIGNATION IN PANEL 'PL1' UNLESS NOTED. '2' INDICATES CIRCUIT DESIGNATION IN PANEL 'PL2'. '4' INDICATES CIRCUIT DESIGNATION IN PANEL 'PL4'.
 - ALL TELEPHONE/DATA LOCATIONS SHALL INCLUDE 4" SQUARE J-BOX AND 3/4" CONDUIT TO CEILING SPACE. ALL TELEPHONE/DATA CABLE IS TO BE PLENUM RATED WIRE OR SHALL BE INSTALLED IN CONDUIT ABOVE CEILING OR IN WALLS.
 - PROVIDE ALL DEMOLITION WORK AS REQUIRED TO ACCOMMODATE THE NEW WORK AS INDICATED ON THE ELECTRICAL PLANS. FIELD VERIFY EXISTING CONDITIONS. PROVIDE ANY ADDITIONAL WORK NECESSARY AS REQUIRED TO PRESERVE EXISTING DEVICES AND BRANCH CIRCUIT COMPONENTS TO REMAIN. REFER TO THE ARCHITECTURAL PLANS FOR DEMOLITION SCOPE OF WORK AND VISIT THE SITE PRIOR TO BID TO DETERMINE THE ELECTRICAL SCOPE OF WORK REQUIRED.
 - FOR ANY PATIENT CARE AREAS, AS DETERMINED BY THE GOVERNING BODY OF THE FACILITY OR AUTHORITY HAVING JURISDICTION, THE E.C. SHALL PROVIDE HEALTHCARE FACILITY CABLE (HCF) TYPE MC OR AC WIRING METHODS AS REQUIRED IN ORDER TO COMPLY WITH NEC 517.13 (A) AND (B) AND NEC 517.80 FOR LOW VOLTAGE SYSTEMS. IN ADDITION PROVIDE TAMPER-RESISTANT COVERS FOR RECEPTACLES IN PEDIATRIC LOCATIONS PER NEC 517.18.

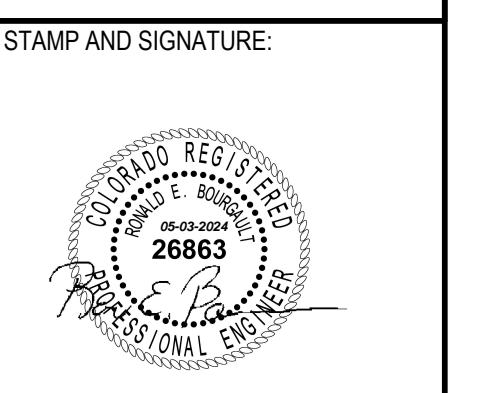
- POWER PLAN KEYED NOTES:**
- TELEPHONE BOARD LOCATION (TTB) - THE E.C. SHALL FIELD VERIFY EXISTING OR PROVIDE AND INSTALL NEW 3/4"x24"x48" PLYWOOD BACKBOARD, INSTALL TIGHT TO CEILING AND PAINT TO MATCH WALL. PROVIDE 1" C WITH PULL STRING BACK TO THE BUILDING TELEPHONE/ DATA SERVICE ENTRANCE. PROVIDE DEDICATED NEMA 5-20R RECEPTACLE +84" AFF ON TTB AND CIRCUIT AS SHOWN. FIELD VERIFY LOCATION, MOUNTING HEIGHT AND ORIENTATION AND ADDITIONAL REQUIREMENTS WITH TENANT.
 - OFFICE EQUIPMENT - PROVIDE DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS, NUMBER OF WIRES, OUTLET TYPE AND CONFIGURATION WITH PROVIDER PRIOR TO ROUGH-IN.
 - IT EQUIPMENT - FIELD VERIFY EXISTING OR PROVIDE NEW DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
 - RECEPTION DESK - PROVIDE OUTLETS FOR POWER AND DATA IN MILLWORK AS REQUIRED. FIELD VERIFY CONDUIT ROUTING AND J-BOX LOCATIONS WITH MILLWORK PROVIDER AND TENANT PRIOR TO ANY ROUGH-IN. FIELD VERIFY DATA J-BOX AND RACEWAY REQUIREMENTS WITH TENANT IT REPRESENTATIVE.
 - RECEPTACLE CONTROL ZONE - RECEPTACLES IN THIS AREA REQUIRE AUTOMATIC CONTROL PER IECC 405.11(1). VERIFY FINAL LOCATION AND CONTROL METHOD WITH ARCHITECT AND TENANT.
 - RELOCATE DEVICE - EXTEND EXISTING BRANCH CIRCUIT TO NEW DEVICE LOCATION AS INDICATED. MAINTAIN EXISTING CIRCUIT CONNECTION. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION.
 - CARD READER/ACCESS CONTROL DEVICE - PROVIDE J-BOX AND DATA RACEWAY. FIELD VERIFY REQUIREMENTS WITH TENANT/PROVIDER.
 - CONCRETE FLUSH MOUNTED FLOOR BOX - PROVIDE SAW CUT REMOVE AND REPLACE EXISTING CONCRETE SLAB TO ACCOMMODATE POWER AND DATA CONDUITS, HUBBEL SYSTEMONE WITH SCUBSHIELD OR WIREMOLD 980 OMNIBOX WITH TOPGUARD WITH QUAD OUTLET AND 2 TELE/DATA PORTS. FIELD VERIFY FINAL LOCATION OF DEVICES AND WIRING REQUIREMENTS.
 - TV/MONITOR - PROVIDE POWER AND DATA/CATV JACKS AS REQUIRED IN CEILING AND PROVIDE RACEWAY TO VIDEO SOURCE. FIELD VERIFY REQUIREMENTS WITH TENANT AND TV PROVIDER. FIELD VERIFY FINAL LOCATION WITH ARCHITECT PRIOR TO ANY ROUGH-IN.
 - MEDICAL OFFICE EQUIPMENT - PROVIDE DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS, NUMBER OF WIRES, OUTLET TYPE AND CONFIGURATION WITH PROVIDER PRIOR TO ROUGH-IN.
 - DOORBELL - PROVIDE PUSH-BUTTON, CHIME/BUZZER, AND TRANSFORMER AND CIRCUIT AS REQUIRED. VERIFY ALL PRODUCTS WITH OWNER PRIOR TO ANY WORK.



1 POWER PLAN
 SCALE: 1/8" = 1'-0"



- AUTOMATIC RECEPTACLE CONTROLS WILL BE REQUIRED PER IECC 405.11(1) VERIFY FINAL LOCATION AND CONTROL METHOD WITH ARCHITECT AND TENANT.
 - AT LEAST 50% OF ALL 125V 15 AND 20AMP PERMANENTLY INSTALLED RECEPTACLES IN ENCLOSED OFFICES, CONFERENCE ROOMS, COPY/PRINT ROOMS, BREAKROOMS, AND INDIVIDUAL WORKSTATIONS MUST BE SWITCHED OFF VIA ONE OF THREE METHODS LISTED BELOW.
 - SCHEDULE BASED CONTROL.
 - OCCUPANCY SENSOR CONTROLS.
 - A SEPARATE SYSTEM SUCH AS SECURITY SYSTEM.
 - EXCEPTIONS INCLUDE SAFETY AND SECURITY AND RECEPTACLES THAT CONTROL EQUIPMENT THAT IS REQUIRED TO RUN 24/7 365.
 - 25% OF MODULAR FURNITURE RECEPTACLES MUST BE CONTROLLED AUTOMATICALLY.
 - RECEPTACLES CAN BE SPLIT CONTROLLED OR CONTROLLED IN ENTIRETY IF LOCATED NO FURTHER THAN 12' AWAY FROM UNCONTROLLED RECEPTACLE.
 - SCHEDULE BASED CONTROLS REQUIRED:
 - ABILITY TO USE TIME OF DAY SCHEDULING.
 - EACH DAY OF WEEK MUST BE ABLE TO BE PROGRAMMED SEPARATELY.
 - ZONES OF RECEPTACLES CONTROLLED TOGETHER MUST NOT EXCEED 5,000SF.
 - OCCUPANTS MUST BE PROVIDED WITH MANUAL OVERRIDE SWITCH FOR EACH ZONE OF NO MORE THAN 2 HOURS OVERRIDE OUTSIDE OF SCHEDULED HOURS.
 - OCCUPANCY SENSOR CONTROLS.
 - USE THE SAME SENSOR(S) THAT CONTROL THE LIGHTING LOADS IN THE SPACE WITH ADDITIONAL POWER PACKS OR ROOM CONTROLLERS FOR THE PLUG LOAD CIRCUITS, 20-MINUTE MAX TIME-OUT.
 - SEPARATE SYSTEM CONTROLS.
 - USING SOMETHING LIKE A SECURITY SYSTEM THAT CAN TURN PLUG LOADS OFF AFTER A SPACE IS VACANT FOR 20 MINUTES.



STAMP AND SIGNATURE:

THE WELLNESS CENTER
8250 W 80TH AVE, STE 8
 ARVADA, COLORADO 80005

ISSUED FOR: PERMIT
 ISSUE DATE: 05.03.2024

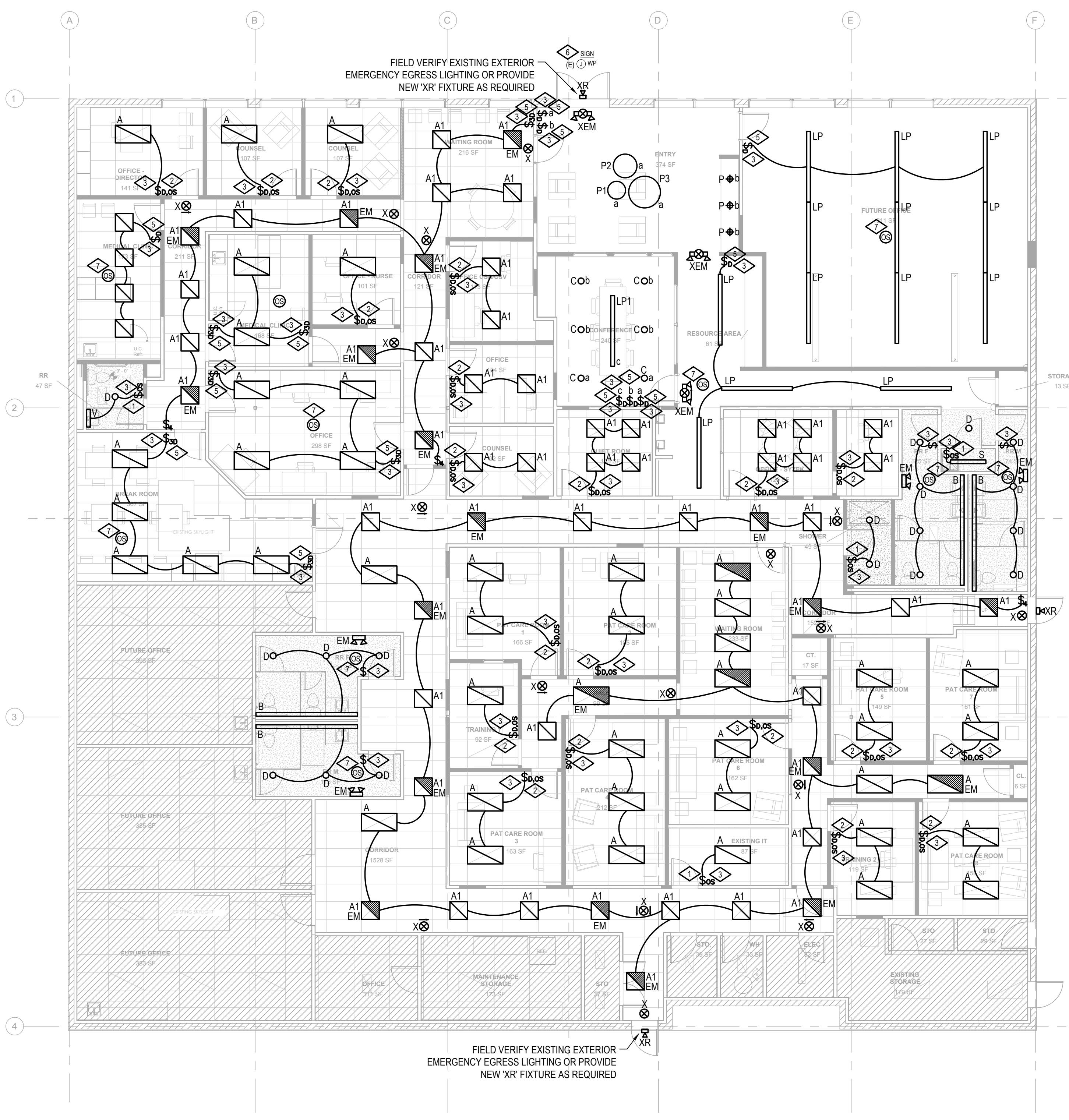
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SHEET TITLE:
 LIGHTING PLAN

SHEET NUMBER:
E200

PROJECT NUMBER:
 DK24.034

LUMINAIRE SCHEDULE						
May 2, 2024						
Label	Light Fixture Description	Specification	Lamping	Voltage	Mounting	Comment
Interior Lighting						
A	2x4' Center Basket Troffer	Porter Lighting or Equal PT-TRO-24-3CP	45W LED Selectable CCT/80CRI	120/277	Recessed	1
A/EM	Same as Fixture Type 'A' with 90-minute Battery Backup	Porter Lighting or Equal PT-TRO-24-3CP-EM	45W LED Selectable CCT/80CRI	120/277	Recessed	1
A1	2'x2' Center Basket Troffer	Porter Lighting or Equal PT-TRO-22-3CP	30W LED Selectable CCT/80CRI	120/277	Recessed	1
A1/EM	Same as Fixture Type 'A1' with 90-minute Battery Backup	Porter Lighting or Equal PT-TRO-22-3CP-EM	30W LED Selectable CCT/80CRI	120/277	Recessed	1
B	Linear LED 2' Wide Restroom Light	Cooper Neoray or Equal S122DS-C290D835LB-4F0-1-UDD-A-W	2.9W LED per foot 3500K/80CRI	120/277	Surface	1
C	2' Shallow Round Cylinder Pendant	Cooper Portfolio or Equal LSR2B10D010MB	11W LED 3500K/80CRI	120	Suspended	1
D	4" Downlight Direct Mounting, No Recessed Housing Needed	Porter Lighting or Equal PT-CDL2-4I-5C3P	12W LED Selectable CCT/80CRI	120/277	Recessed	2
LP	Linear LED 4" Wide Office Light dimmable 1952lumen indirect 2576kumen direct	Cooper Neoray or Equal S124DIP-ULO-L140-SC48-0048-1D-U-DD-1W	40W LED 4000K/85CRI	120/277	Suspended	1
LP1	96" Flair Linear Pendant - Conference Room	Blackjack Lighting FLR-96L-BL-Z7U-39K-ME	50W LED Max 3500K/80CRI	120/277	Suspended	1
P	5" Acrylic Globe Mini Pendant	Blackjack Lighting SP-GLL-CL-05-BL-35K-SW-SP5	5W LED Max 3000K/90CRI	120/277	Suspended	1
P1	24" Decorative Ring Pendant	Blackjack Lighting CIR-24P-BL-Z7U-30K	43W LED Max 3000K/90CRI	120/277	Suspended	1
P2	32" Decorative Ring Pendant	Blackjack Lighting CIR-32P-BL-Z7U-30K	85W LED Max 3000K/90CRI	120/277	Suspended	1
P3	43" Decorative Ring Pendant	Blackjack Lighting CIR-43P-BL-Z7U-30K	111W LED Max 3000K/90CRI	120/277	Suspended	1
S	4' Lensed LED Strip Light	Porter Lighting or Equal PT-LS1-4FT-3CP	40W LED Selectable CCT/80CRI	120/277	Surface	
V	2' Vanity Light	Blackjack Lighting VEC-24V-SN-12T-XXX	21W LED 3000K/90CRI	120	Surface	
Emergency Exit Signs and Egress Lighting						
X	LED Exit Sign with 90-Minute Battery Pack	Cooper Surelites APXTX	1.33W Max. LED color per local code	120/277	Surface	
XEM	Combination Exit Sign/Emergency Egress Light with 90-Minute Battery Pack and dual heads	Cooper Surelites APCTX	1.33W Max. LED color per local code	120/277	Surface	
EM	Emergency Dual Head LED Frog Eye with 90 minute Battery	Cooper Surelites APEL	.33W LED	120/277	Surface	
XR	Exterior Emergency Egress Light with 90-Minute Battery Pack	Cooper Surelites AEL2SD	(3) 6V. 6W Xenon Included	120/277	Surface	2,3
NOTES: Apply to all fixtures where applicable						
1. EMERGENCY FIXTURES - All Fixtures Indicated as Emergency shall be provided with a 90-Minute Battery Pack with minimum 1300 Lumen output.						
2. VERIFY VOLTAGES - The E.C. shall verify voltages on drawings prior to ordering or any work, the engineer shall be notified of any discrepancies in the voltage of the circuiting on the drawings and the luminaire schedule prior to any purchase or work.						
3. VERIFY LAMPING - The E.C. shall verify lamping with the manufacturer prior to ordering and notify the engineer of any lamping discrepancies.						
4. PROVIDE A COMPLETE INSTALLATION - The E.C. shall provide all labor and material to provide a complete and functional system per the design intent as dictated by the switching type and location (including dimmer switches and compatible ballasts or transformers), ceiling type and location, circuiting, voltages, and lamping types.						
5. BALLAST DISCONNECT - All electric discharge luminaires shall comply with NEC 410.130 and shall have a means of disconnect for the ballast.						
6. DUAL LEVEL SWITCHING - For fixtures with more than one switch designation shown on plans provide fixtures with additional ballasts for dual level light control by separate switching of inboard and outboard lamps as required to conform to IECC Requirements.						
7. OWNER APPROVAL - Approve all light fixture types with tenant/owner before ordering any materials or any work.						
8. EXTERIOR LIGHTING - Fixtures installed outdoors shall be U.L. listed Wet Location and provided with cold weather drivers/ballasts/battery as required for proper operation.						
9. DIMMING COMPATIBILITY - Fixtures noted as dimmable on plans shall be provided with dimmable drivers paired with compatible dimming controls approved by the fixture manufacturer. The E.C. shall be responsible for providing compatible LED Drivers and dimming control devices rated for connected load.						
COMMENTS: Apply to specific fixture types as noted on schedule						
1. 0-10V Dimming - Provide low voltage wiring between all fixtures and low-voltage wallbox dimmer. Verify requirements with provider and provide all work required for a complete installation.						
2. WET LOCATION - Provide fixture with U.L. Wet Location Label.						
3. COLD WEATHER - Provide fixture with Cold-Weather Driver/Ballasts/Battery for fixtures installed outdoors.						



LIGHTING CONTROL NOTES:

- PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM IN ACCORDANCE WITH ENERGY CODE AND IECC REQUIREMENTS AND COMPATIBLE WITH INSTALLED LIGHT FIXTURE TYPES. PROVIDE ANY ADDITIONAL POWER/SWITCH PACKS, SENSORS, DIMMING MODULES, POWER AND CONTROL WIRING, OR OTHER SENSOR/POWER/CONTROL INTERFACE DEVICE THAT IS NECESSARY FOR A COMPLETE INSTALLATION.
- ONE POWER PACK (SWITCH PACK) IS NEEDED PER CIRCUIT/ZONE TO BE CONTROLLED BY LOW VOLTAGE SENSORS. NOT ALL REQUIRED COMPONENTS ARE SHOWN ON DRAWINGS. LOCATE POWER PACKS IN AN ACCESSIBLE, INCONSPICUOUS LOCATION. POWER PACK LOCATIONS SHALL BE CONSISTENT THROUGHOUT PROJECT AND CLEARLY NOTED ON AS-BUILT DRAWINGS.
- ADDITIONAL SENSORS AND TYPES OF SENSORS MAY BE REQUIRED TO PROVIDE COMPLETE COVERAGE DEPENDING ON FINAL PARTITION HEIGHT/PLACEMENT, FURNITURE PLACEMENT, EQUIPMENT HEIGHT/PLACEMENT, AND SHELVING HEIGHT/PLACEMENT. CONTRACTOR TO COORDINATE WITH MANUFACTURER/SUPPLY SHOP DRAWINGS ACCORDINGLY.
- PLACE AND ORIENT CEILING SENSORS PER MANUFACTURER SUPPLIED SHOP DRAWINGS FOR MAXIMUM COVERAGE/SENSITIVITY.
- PROVIDE LOW VOLTAGE OR LINE VOLTAGE, PASSIVE INFRARED (PIR), ULTRASONIC, OR DUAL TECHNOLOGY, DAYLIGHT/HARVESTING, PHOTOSENSOR, AND VACANCY SENSORS AS REQUIRED IN EACH ILLUMINATED AREA FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
- WHERE LIGHT SWITCHES ARE USED IN ADDITION TO OCC. SENSORS, LIGHT SWITCH SHALL OVERRIDE OCC SENSOR (SWITCH CAN TURN LIGHTS OFF WHEN OCC. SENSOR CALLS FOR THEM TO BE ON; SWITCH CANNOT TURN LIGHTS ON WHEN OCC. SENSOR TURNS THEM OFF SWITCH AND OCC. SENSOR ARE WIRED IN SERIES).
- PROVIDE 10 MINUTE TIME (OFF) DELAYS IN STORAGE ROOMS AND SMALL RESTROOMS. ALL OTHERS SHALL HAVE 20 MINUTE DELAYS.
- PROVIDE WIRE GUARDS IN ANY AREA WHERE SENSORS ARE SUBJECT TO DAMAGE.
- PROVIDE SENSORS SUITABLE FOR COLD WEATHER APPLICATIONS WHERE LOCATED IN ANY UNHEATED AREA.
- PROVIDE ADDITIONAL POLES (OR AUX RELAY) FOR CONTROL OF EXHAUST FANS, OR SIMILAR DEVICES. WHERE SHOWN ON DRAWINGS AND/OR NOTED IN MECHANICAL SCHEDULES AND AS REQUIRED FOR IECC COMPLIANCE.
- LOW VOLTAGE WIRING ABOVE ACCESSIBLE CEILINGS PERMITTED WHERE PLENUM RATED AND INSTALLED PER CODE REQUIREMENTS.
- FIXTURES CONTROLLED BY DIMMERS SHALL BE PROVIDED WITH REQUIRED ALL DIMMING EQUIPMENT AND CONNECTIONS MADE (AND DAYLIGHT CONTROL WHERE APPLICABLE) WITH COMPATIBLE DIMMER AND DRIVER TYPES FOR PROPER DIMMING OPERATION.
- FIELD VERIFY ALL CONTROL DEVICE TYPES, LOCATIONS, SCENE SELECTIONS, NUMBER OF SWITCHING ZONES, DIMMING CAPABILITIES, WITH BUILDING OWNER AND TENANT/OCCUPANTS PRIOR TO ORDERING MATERIALS OR ANY ROUGH-IN.
- PROVIDE AUTOMATIC LIGHTING CONTROLS FOR ALL INTERIOR LIGHTS TO BE TURNED OFF WHEN SPACE IS SCHEDULED TO BE UNOCCUPIED IN ACCORDANCE WITH IECC REQUIREMENTS. PROVIDE MULTIPOLE LIGHTING CONTACTOR WITH NUMBER OF POLES SUFFICIENT FOR ALL INTERIOR LIGHTING CIRCUITS. PROVIDE 7-DAY PROGRAMMABLE TIMECLOCK ON/OFF CONTROLS WITH MANUAL OVERRIDE SWITCH THAT WILL ALLOW LIGHTING TO REMAIN ON NO LONGER THAN 2 HOURS AND AUTOMATIC HOLIDAY SCHEDULING FEATURE THAT WILL TURN LIGHTS OFF FOR A 24 HOUR PERIOD. FIELD VERIFY LOCATION OF OVERRIDE SWITCH LOCATION WITH OWNER. PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION.

LIGHTING PLAN GENERAL NOTES:

- CONNECT EGRESS LIGHTING FIXTURES AND EXIT SIGNS TO AREA LIGHTING CIRCUIT AHEAD OF ANY SWITCH PER NEC 700.12(I) INCLUDING ANY NIGHT LIGHTS. FIXTURES SHOWN SHADED OR LABELED ARE EMERGENCY EGRESS (EM) WITH BATTERY PACK, NIGHT LIGHT (NL) OR BOTH (EM/NL).
- EXIT OUTLET IN ACCESSIBLE LOCATION AT TENANT ENTRANCE FOR SIGN PER NEC 600.5.
- EXIT SIGNS TYPE 'X' AND/OR 'XEM' AND EGRESS LIGHTS TYPE 'EM' SHALL BE NEW WITH EMERGENCY BATTERY PACK, MATCH EXISTING BUILDING STANDARD FIXTURES.
- PROVIDE NEUTRAL AND GROUND CONDUCTORS THROUGHOUT ALL LIGHTING BRANCH CIRCUITS INCLUDING ALL SWITCH OR LIGHTING CONTROL DEVICE LOCATIONS IN ACCORDANCE WITH NEC.
- FOR ANY PATIENT CARE AREAS, AS DETERMINED BY THE GOVERNING BODY OF THE FACILITY OR AUTHORITY HAVING JURISDICTION, THE E.C. SHALL PROVIDE HEALTHCARE FACILITY CABLE (HCF) TYPE MC OR AC WIRING METHODS AS REQUIRED IN ORDER TO COMPLY WITH NEC 517.13 (A) AND (B) AND NEC 517.80 FOR LOW VOLTAGE SYSTEMS. IN ADDITION PROVIDE TAMPER-RESISTANT COVERS FOR RECEPTACLES IN PEDIATRIC LOCATIONS PER NEC 517.18.

LIGHTING PLAN KEYED NOTES:

- WALLSWITCH OCCUPANCY SENSOR - PROVIDE DUAL TECHNOLOGY GREENGATE ONW-D-1001-MV-N* OR EQUAL.
- DIMMING WALLSWITCH OCCUPANCY SENSOR - PROVIDE DUAL TECHNOLOGY WATTSTOPPER DW-311* OR EQUAL RATED FOR CONNECTED LOAD TYPE AND WATTAGE COMPATIBLE WITH ALL CONNECTED LIGHT FIXTURES. PROVIDE LOW VOLTAGE WIRING FOR ANY 0-10V DIMMING AS REQUIRED.
- PROVIDE NEW SWITCHING OF EXISTING, NEW, OR RELOCATED FIXTURES FOR CONTROL OF ROOM LIGHTING AS REQUIRED FOR NEW PARTITION LAYOUT. FIELD VERIFY EXISTING CONDITIONS. MAINTAIN EXISTING CIRCUIT CONNECTIONS IF POSSIBLE OR PROVIDE NEW AS REQUIRED.
- NOT USED.
- WALLSTATION DIMMER SWITCH - PROVIDE GREENGATE DECORA DF107-XX OR EQUAL RATED FOR CONNECTED LOAD TYPE AND WATTAGE COMPATIBLE WITH ALL CONNECTED LIGHT FIXTURES. PROVIDE LOW VOLTAGE WIRING FOR ANY 0-10V DIMMING AS REQUIRED.
- TENANT SIGN - FIELD VERIFY EXISTING OR PROVIDE NEW DEDICATED CIRCUIT AND FINAL CONNECTIONS AS REQUIRED. FIELD VERIFY ELECTRICAL REQUIREMENTS AND FINAL LOCATION WITH PROVIDER, TENANT AND LANDLORD. PROVIDE PHOTOCELL ON/TIMECLOCK OFF CONTROLS.
- CEILING OCCUPANCY SENSOR - PROVIDE DUAL TECHNOLOGY AND SWITCH PACK GREENGATE OAC-DT-XXXX-SP20-MV OR EQUAL. VERIFY AND PROVIDE AS REQUIRED FOR MAXIMUM ROOM SIZE AND FIELD OF VIEW REQUIREMENTS. PROVIDE DAYLIGHT SENSING OPTION AS REQUIRED IN DAYLIGHT ZONES.

1 LIGHTING PLAN
 SCALE: 1/8" = 1'-0"

