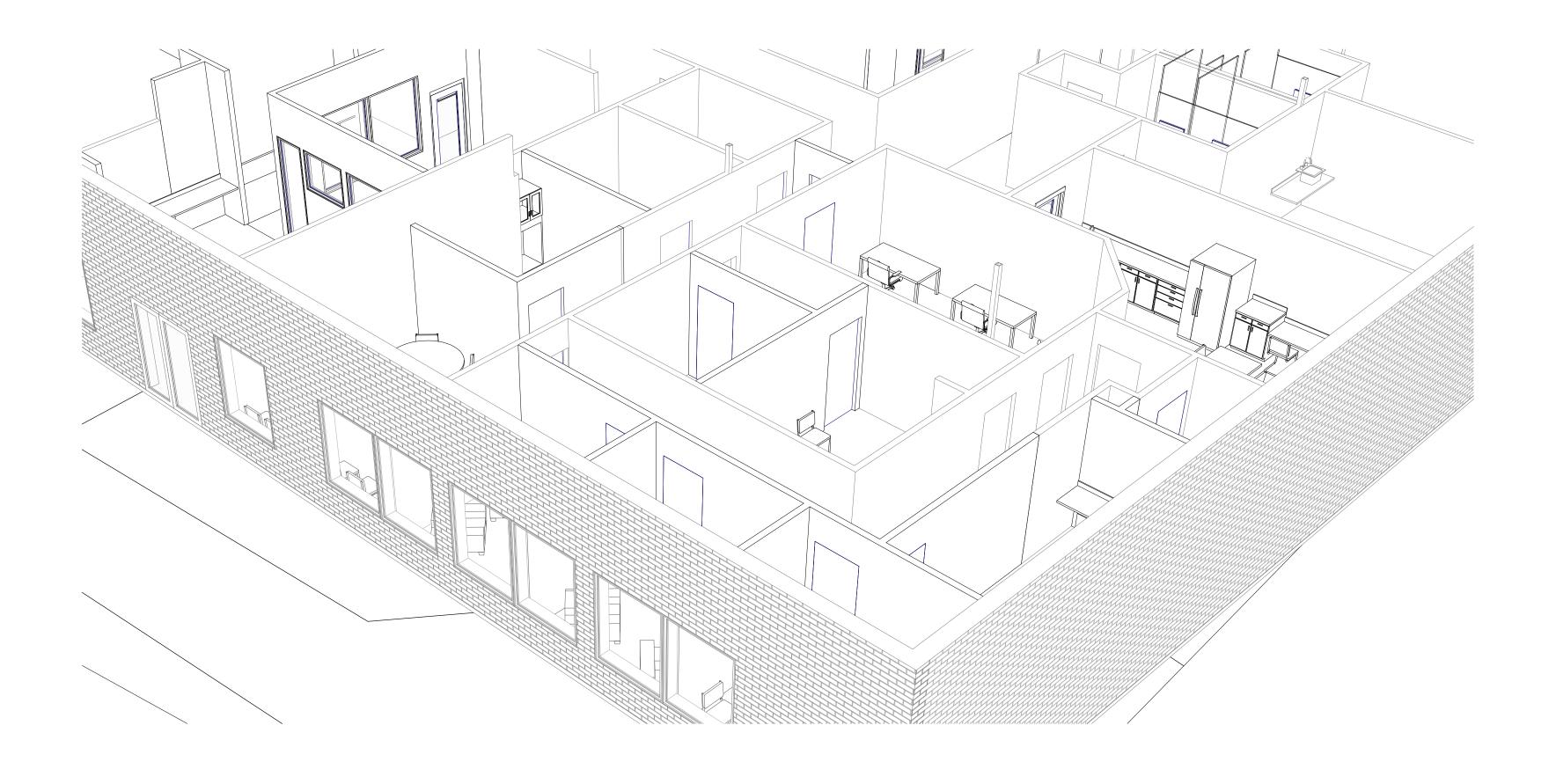
WELLNESS CENTER ARVADA



PROJECT INFORMATION:

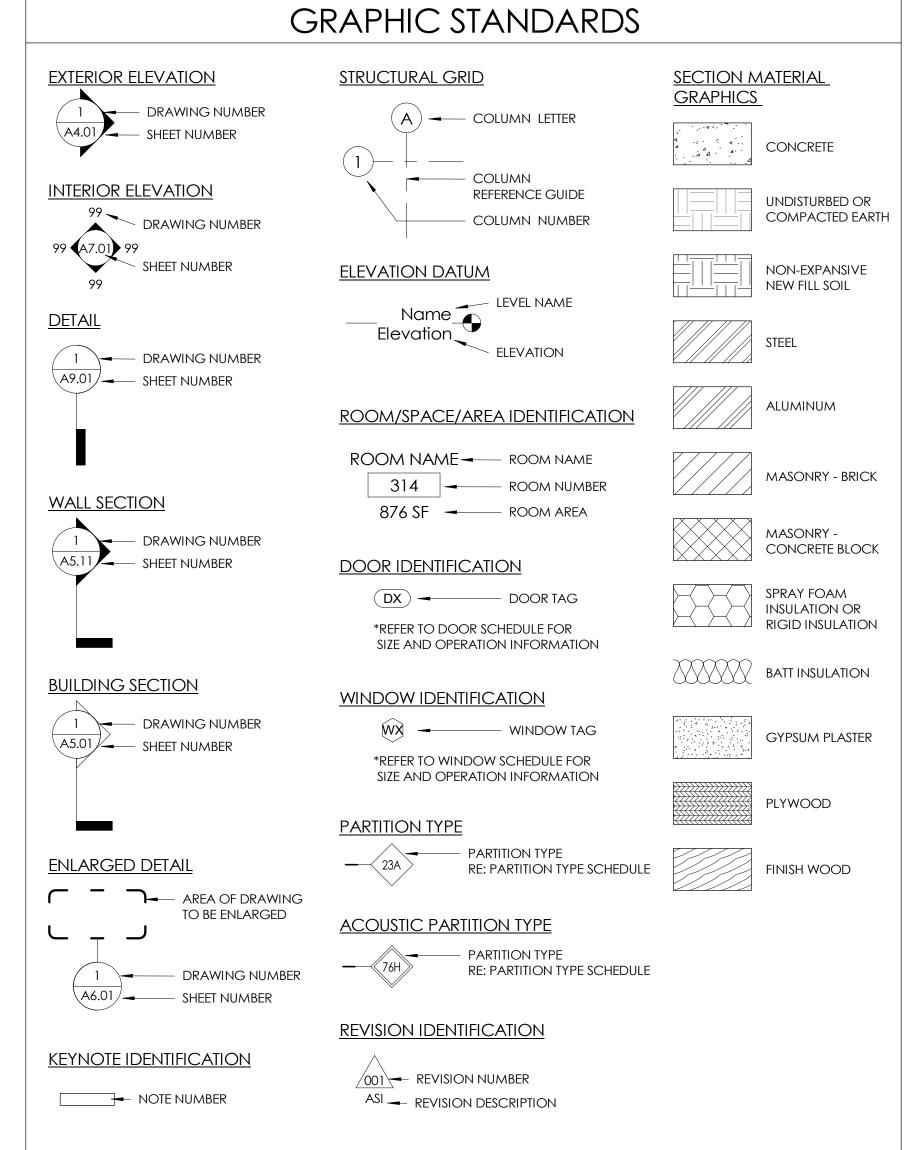
ADDRESS: 8250 W 80TH AVE UNIT 8 ARVADA, CO 80005

SCOPE OF WORK INCLUDES: INTERIOR COMMERCIAL RENOVATION

ANALYSIS:

OCCUPANCY GROUP: B

CONSTRUCTION TYPE: TYPE II B



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 Fire Code 2018 International Plumbing 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

NEED INSULATED. SEAL DUCTS PER THE IMC

DUCT WORK WITHIN BUILINGS THERMAL ENVELOPE DO NOT

SHEET LIST LEGEND SHEET A002 CODE PLAN A003 GENERAL NOTES A004 SPECIFICATIONS A005 SPECIFICATIONS **ROOF PLAN** AREA PLAN & 3D VIEWS AD101-A DEMOLITION FLOOR PLAN - AREA A AD101-B DEMOLITION FLOOR PLAN - AREA B DEMOLITION FLOOR PLAN - AREA C DEMOLITION FLOOR PLAN - AREA D DEMOLITION CEILING PLAN - AREA A

PROJECT TEAM

NAME: LINDA PACE SACCOMANO

ARCHITECTURE FIRM: DAKE COLLABORATIVE

CONTACT #: XXX.XXX.XXXX

CONTACT #: 720.583.4735

NAME: MILES DAKE

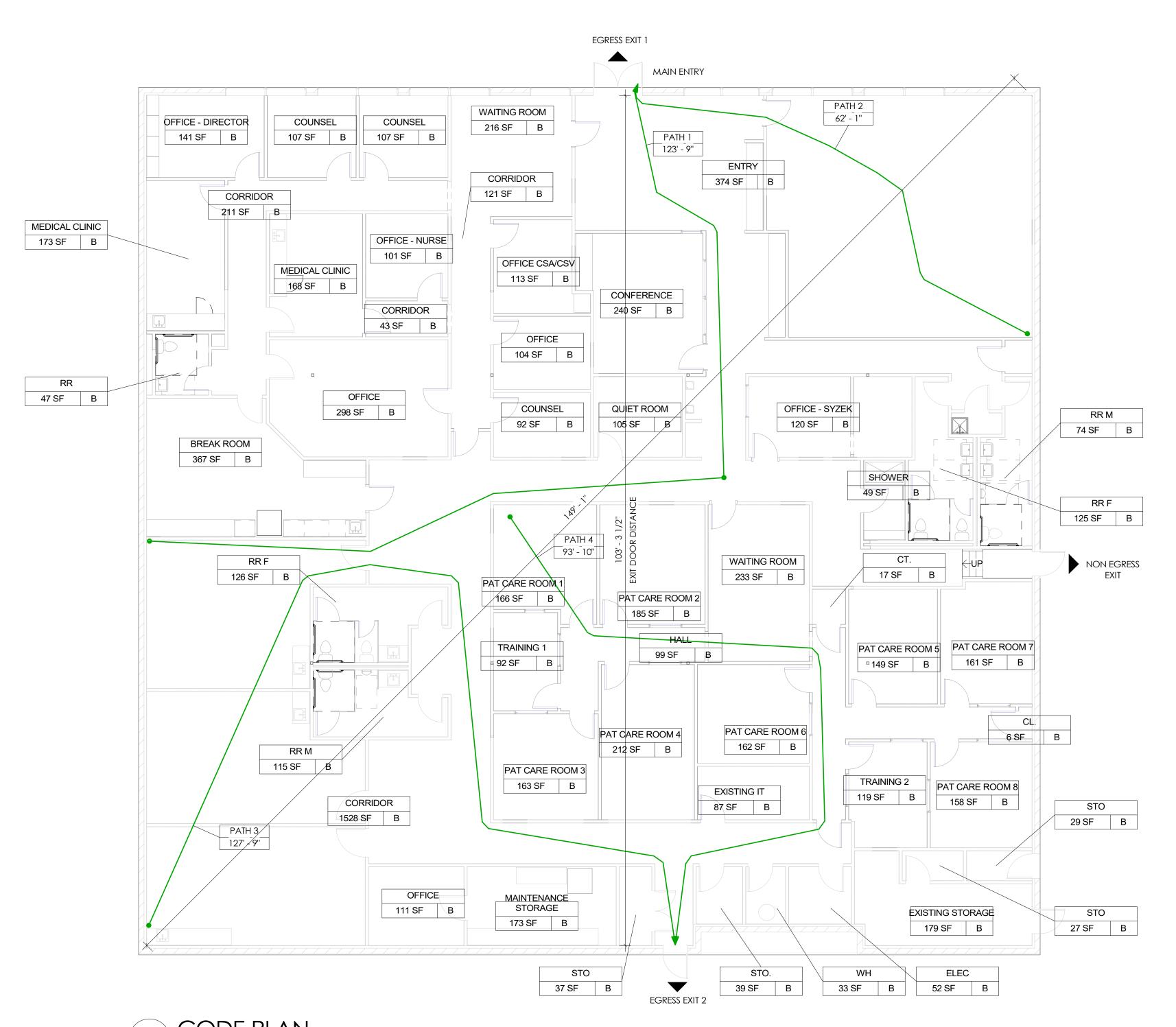


	SHEET LIST	
SHEET NUMBER	SHEET NAME	
AD102-B	DEMOLITION CEILING PLAN - AREA B	
AD102-C	DEMOLITION CEILING PLAN - AREA C	
AD102-D	DEMOLITION CEILING PLAN - AREA D	
A101-A	FLOOR PLAN - AREA A	
A101-B	FLOOR PLAN - AREA B	
A101-C	FLOOR PLAN - AREA C	
A101-D	FLOOR PLAN - AREA D	
A201-A	REFLECTED CEILING PLANS - 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	

05/01/2024 4:58:20 PM



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)

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

- REQUIRED MAX / PROPOSED B = 4 STORIES / 1 STORIES

CONSTRUCTION REQUIREMENTS

TYPE OF CONSTRUCTION:

ROOF 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 NON-BEARING WALLS INTERIOR 0 HOUR FLOOR CONSTRUCTION 0 HOUR

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

0 HOUR

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

INTERIOR FINISHES

X > 30

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

0 HOUR

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

MEANS OF EGRESS

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (TABLE 1004.5)

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

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

SERVICE SINK:

REQUIRED FOR "B" = 1 PROVIDED: 1

PROVIDED: 1

JELL NE STE 305 80T A, C 8250 W ARVAD 出

INFO@DAKECOLLABORATIVE.COM



NO.	DESCRIPTION	DATE

CODE PLAN

Date	04.19.2024
Drawn by	MD
Checked by	MD

Scale

- 1. THE WORK PERFORMED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL TOOLS, EQUIPMENT, MATERIALS, SUPPLIES, TRANSPORTATION, SERVICES, POWER AND WATER, ESSENTIAL COMMUNICATIONS, AND THE PERFORMANCE OF ALL LABOR, WORK, REQUIRED CALCULATIONS, TESTING, OR OPERATIONS REQUIRED FOR THE FULFILLMENT OF THE CONTRACT, IN STRICT ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AND SCHEDULES, ALL OF WHICH ARE MADE A PART HEREOF, INCLUDING DETAIL SKETCHES AS MAY BE FURNISHED BY ARCHITECT OR ENGINEER FROM TIME TO TIME DURING CONSTRUCTION IN EXPLANATION OF THE PLANS. THE WORK SHALL BE COMPLETE AND ALL MATERIAL, SERVICES, INCIDENTALS, QUALITY OR NOT SPECIFICALLY CALLED FOR QUALITY AND CONDITIONS NOTED, IN THE SPECIFICATIONS, OR NOT SHOWN ON THE PLANS WHICH MAY BE NECESSARY FOR THE COMPLETE AND PROPER CONSTRUCTION TO CARRY OUT THE CONTRACT IN GOOD FAITH AND IN A SATISFACTORY MANNER SHALL BE PERFORMED, FURNISHED, AND INSTALLED BY THE CONTRACTOR AT NO INCREASE IN
- 2. THE CONTRACT DOCUMENTS ARE COMPLIMENTARY, AND WHAT IS CALLED FOR IN ONE PART SHALL BE AS BINDING AS IF CALLED FOR BY ALL. THE INTENT OF THE DOCUMENTS IS TO INCLUDE ALL WORK CONSISTENT THEREWITH AND REASONABLY INFERABLE THEREFROM AS BEING NECESSARY FOR THE COMPLETION OF THE CONTRACT. MATERIALS OR WORK DESCRIBED IN WORDS THAT INDICATE PROPER EXECUTION AND WELL KNOWN TECHNICAL OR TRADE DESIGNATION SHALL BE HELD TO REFER TO RECOGNIZED STANDARDS.
- 3. ARCHITECT DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS. DIMENSIONS INDICATED BY FIGURES OR NUMERALS SHALL GOVERN. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE
- 4. OMISSIONS FROM THE PLANS AND SPECIFICATIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF FURNISHING, MAKING, OR INSTALLING ALL ITEMS REQUIRED BY LAW OR USUALLY FURNISHED, MADE, OR INSTALLED IN ACCORDANCE WITH RECOGNIZED STANDARDS, FOR A PROJECT OF THE SCOPE AND CHARACTER INDICATED ON THE PLANS AND SPECIFICATIONS.
- 5. THE PLANS SHOW CONDITIONS AS THEY ARE SUPPOSED OR BELIEVED TO EXIST, BUT IT IS NOT INTENDED OR INFERRED THAT THE CONDITIONS AS SHOWN CONSTITUTE A REPRESENTATION OR WARRANTY EXPRESSED OR IMPLIED, THAT SUCH CONDITIONS ACTUALLY EXIST.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK COMPLIES WITH THE CONTRACT DOCUMENTS. UPON DISCOVERY, ALL DEFECTIVE OR NONCOMPLIANT WORK SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR. FAILURE OF THE ARCHITECT TO IDENTIFY NONCONFORMING WORK SHALL NOT CONSTITUTE ACCEPTANCE OR IMPLIED ACCEPTANCE OF SUCH WORK.
- 7. ANY DELAYS OR IMPACTS ARISING ON THE WORK AS A RESULT OF CONSTRUCTION, FABRICATION OR DELIVERY OF NONCONFORMING WORK OR MATERIALS SHALL BE THE CONTRACTOR'S SOLE EXPENSE, WITHOUT REIMBURSEMENT FOR EXTENDED OVERHEAD.
- 8. THE CONTRACT DOCUMENTS INDICATE THE SCOPE OF THE PROJECT IN TERMS OF THE ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE MAJOR ARCHITECTURAL ELEMENTS, AND THE MAJOR DESIGN OF THE STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEMS, BASED ON THE SCOPE DESCRIBED HEREIN. PROVIDE ALL ITEMS, SYSTEMS, PRODUCTS AND LABOR REQUIRED OR INFERRED FOR THE PROPER EXECUTION AND COMPLETE
- PERFORMANCE OF THE PROJECT 9. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS
- 10. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND THEIR SERVICE CONNECTIONS WITH THE PROPER UTILITY COMPANIES AND AGENCIES.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE CONSTRUCTION ON THE SITE.
- 12. DETAILS NOT SHOWN ARE SIMILAR IN NATURE TO THOSE DETAILED, WHERE CONDITIONS ARE SIMILAR. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CAN NOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK. TYPICAL DETAILS OCCUR AT ALL SIMILAR CONDITIONS, WHETHER REFERENCED OR NOT.
- 13. WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS BY VARIOUS TRADES, THE CONTRACTOR SHALL CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 14. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE BEST POSSIBLE INSTALLATION OF ALL BUILDING COMPONENTS AND EQUIPMENT.
- 15. WHEN DISCREPANCIES EXIST WITHIN THE DRAWINGS, AND BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE MORE COSTLY CONDITION SHALL APPLY. 16. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, PRIOR TO STARTING THE WORK, A COMPREHENSIVE LAYOUT INDICATING DIMENSIONAL CRITERIA FOR ALL VISIBLE BUILDING ELECTRICAL, SECURITY, LIFE SAFETY, CONTROLS,
- AND OTHER EQUIPMENT. 17. PROPRIETARY PRODUCTS AND MATERIALS IDENTIFIED IN THE DRAWINGS SHALL BE INTERPRETED AS THE BASIS OF DESIGN, AND SHALL TAKE PRECEDENCE OVER OTHER PRODUCTS AND COMPONENTS INDICATED IN THE
- SPECIFICATIONS. ALTERNATE PRODUCTS INDICATED WITHIN THE SPECIFICATIONS MAY BE USED IF EQUAL TO THE BASIS OF DESIGN. ALTERNATE PRODUCTS SHALL MATCH THE PERFORMANCE, QUALITY, AND PROFILE OF THE "BASIS" OF DESIGN" PRODUCT. CONTRACTOR SHALL CONSULT WITH ARCHITECT BEFORE PROCEEDING WITH AN ALTERNATE PRODUCT TO WHAT IS SPECIFICALLY IDENTIFIED IN THE DRAWINGS. BASIS OF DESIGN PRODUCTS.
- 18. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND FEES REQUIRED AND NOT NEGOTIATED AS THE TENANT'S RESPONSIBILITY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS.
- 19. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT BUILDING CODES AND ALL FEDERAL, STATE AND LOCAL CODES AND AGENCIES HAVING JURISDICTION. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND RESPECTIVE SUB-CONTRACTORS TO BUILD TO SATISFY THESE CODES AND CALL FOR ALL NECESSARY INSPECTIONS.
- 20. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING AND START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED, IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK
- 21. ACCESS PANELS SHALL BE PROVIDED AND INSTALLED WHEREVER REQUIRED BY BUILDING CODE OR FOR THE PROPER OPERATION OR MAINTENANCE OF MECHANICAL OR ELECTRICAL EQUIPMENT, WHETHER OR NOT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL COORDINATE SIZE, LOCATION, AND TYPE OF ACCESS PANEL WITH OTHER CONTRACTORS' WORK AND RECEIVE APPROVAL OF THE ARCHITECT. NO ACCESS PANEL SHALL BE
- LOCATED, FRAMED OR INSTALLED WITHOUT THE EXPRESSED APPROVAL OF THE ARCHITECT. PAINT PANELS TO MATCH ADJACENT FINISHED CONDITION OR AS APPROVED BY ARCHITECT. ALL PANELS ARE TO BE 'TRIM-LESS' AND MOUNTED FLUSH TO ADJACENT CEILING OR FLOOR FINISH, UNLESS OTHERWISE NOTED/APPROVED. THE SPECIFICATIONS AND ALL CONSULTANT DRAWINGS ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. 22. THE SPECIFICATIONS AND ALL CONSULTANT DRAWINGS ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE ARCHITECTURAL DRAWINGS BEFORE
- THE INSTALLATION OF ANY OF THE CONSULTANTS' WORK AND BRING ANY DISCREPANCIES OR CONFLICTS TO THE ARCHITECT'S ATTENTION, IN WRITING, FOR CLARIFICATION. IMPROPERLY INSTALLED WORK SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS EXPENSE AND AT NO EXPENSE TO THE ARCHITECT, HIS CONSULTANTS, OR THE TENANT. 23. THE ARCHITECT SHALL BE CONSULTED IN ALL CASES WHERE CUTTING INTO THE EXISTING STRUCTURE OF ANY BUILDING IS EITHER EXPEDIENT OR NECESSARY. PRIOR TO PROCEEDING WITH WORK, REINFORCEMENT AND/OR
- SUPPORT SATISFACTORY TO THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO CUTTING INTO STRUCTURAL PORTIONS OF ANY BUILDING. 24. F THE CONTRACTOR ASCERTAINS AT ANY TIME THAT REQUIREMENTS OF THIS CONTRACT CONFLICT WITH, OR ARE IN VIOLATION OF, APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, HE/SHE SHALL NOT PROCEED WITH WORK IN QUESTION, EXCEPT AT HIS/HER OWN RISK, UNTIL THE ARCHITECT HAS BEEN NOTIFIED IN WRITING AND WRITTEN DETERMINATION IS MADE BY THE ARCHITECT. WHERE COMPLETED OR PARTIALLY COMPLETED WORK IS DISCOVERED TO BE IN VIOLATION WITH APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE THAT WORK FROM THE PROJECT AND REPLACE SUCH WORK WITH ALL
- NEW COMPLYING WORK AT NO ADDITIONAL COST TO THE TENANT OR ARCHITECT. 25. THE CONTRACTOR SHALL PROTECT ALL FINISH WORK AND SURFACES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION AND SHALL REPLACE AND/OR REPAIR ALL DAMAGED SURFACES CAUSED BY CONTRACTOR OR
- SUBCONTRACTOR PERSONNEL TO THE SATISFACTION OF THE TENANT AND ARCHITECT. 26. ONLY NEW MATERIALS AND EQUIPMENT OF RECENT MANUFACTURE OF QUALITY SPECIFIED, FREE FROM DEFECTS, WILL BE PERMITTED ON THE WORK, UNLESS OTHERWISE NOTED.
- 27. DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE TENANT TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORIDED. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES FOR CLARIFICATION PRIOR TO PROCEEDING
- 28. THE CONTRACTOR SHALL EXECUTE ALL CONNECTIONS FOR EQUIPMENT, TO BE PROVIDED AND SET IN PLACE BY OTHERS.

REFLECTED CEILING PLAN NOTES

- 1. THE GENERAL NOTES HEREIN ADDRESS ARCHITECTURAL DESIGN INTENT FOR ALL BUILDING SYSTEM COMPONENTS INSTALLED ABOVE THE FLOOR AND WITHIN THE CEILING AREAS, INCLUDING MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL. CONTRACTOR SHALL REFER TO THESE GENERAL NOTIE REQUIREMENTS FOR CLARIFICATION ON ARCHITECTURAL DESIGN INTENT FOR ALL EXPOSED BUILDING COMPONENTS AND SYSTEMS FURTHERMORE, CONTRACTOR SHALL ISSUE A REQUEST FOR CLARIFICATION ON ANY RELATED ITEMS EXPOSED TO VIEW, FOR WHICH INFORMATION IS GIVEN HERE, AND CONTRADICTED ELSEWHERE WITHIN THE DOCUMENTS. 2. ELEMENTS INDICATED ON THE ARCHITECTURAL CEILING PLANS, INCLUDING LIGHTS, AIR DIFFUSERS, SPRINKLER HEADS (WHERE INDICATED), DUCT RUNS, PIPING, SPEAKERS, ETC., INDICATE THE ARCHITECTURAL DESIGN INTENT
- NOTIFY ARCHITECT OF ANY REQUIRED VARIATIONS TO THE INDICATED DESIGN INTENT PRIOR TO SUBMITTING BIDS FOR THE WORK, PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION. 3. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR THE LOCATION OF ALL EXPOSED MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS, INCLUDING DUCTS, DIFFUSERS, RETURN GRILLES, THERMOSTATS, LIGHT FIXTURES, CONDUITS, SENSORS, SWITCHES, OUTLETS, FIRE SPRINKLER PIPES, SPRINKLER HEADS AND EQUIPMENT REQUIRING VISIBLE ACCESS HATCHES, INCLUDING JUNCTION BOXES, PULL BOXES, CLEAN OUTS, VALVES, SWITCHES, ETC., WHERE THE EXPOSED MECHANICAL, ELECTRICAL OR PLUMBING COMPONENT IS IMPORTANT TO THE ARCHITECTURAL DESIGN INTENT, AND INDICATED ON THE ARCHITECTURAL PLANS. WHERE ITEMS ARE NOT
- SPECIFICALLY INDICATED ON THE ARCHITECTURAL PLANS, THE CONTRACTOR SHALL FOLLOW THE LAYOUTS INDICATED ON THE SPECIFIC MEP PLANS, BUT ONLY AFTER VERIFICATION FROM ARCHITECT. 4. WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL AND MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS, INCLUDING THE QUANTITY OF FIXTURES INDICATED, THE CONTRACTOR SHALL ASK THE ARCHITECT IN WRITING FORAN INTERPRETATION PRIOR TO PLACING A BID FOR THE WORK. OTHERWISE, THE LARGEST QUANTITY AND/OR MOST EXPENSIVE PRODUCT INDICATED SHALL APPLY. 5. ALL KNOWN CEILING ELEMENTS HAVE BEEN INDICATED ON THE ARCHITECTURAL PLANS, INCLUDING LIGHT FIXTURES, AIR DIFFUSERS, DUCT WORK, SPRINKLER HEADS, AND SPRINKLER PIPE RUNS. ITEMS NOT INDICATED INCLUDE
- EXPOSED CONDUIT. NOTIFY ARCHITECT OF ANY REQUIRED VARIATIONS TO THE INDICATED ARCHITECTURAL LAYOUTS PRIOR TO PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION. 6. NOTIFY ARCHITECT OF ANY VARIATIONS BETWEEN THE NOTES HEREIN AND DRAWINGS, DETAILS, OR SPECIFICATIONS PRIOR TO PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.

MECHANICAL NOTES

1. PROVIDE CONDUIT RUNS FOR REQUIRED THERMOSTATS AND C02 SENSORS BASED ON CRITERIA INDICATED IN THE ELECTRICAL NOTES. RUN CONDUIT FOR WALL MOUNTED DEVICES WITH IN THE WALL, AND RUN CONDUIT FOR CEILING MOUNTED DEVICES WITHIN THE CEILING. DO NOT EXTEND CONDUIT FROM CEILING TO WALL UNLESS CONDUIT IS COMPLETELY CONCEALED FROM VIEW. 2. ALL EXPOSED HVAC DUCTS AND HVAC DIFFUSERS PAINT COLORS ARE TO BE VERIFIED WITH THE ARCHITECT UNLESS OTHERWISE NOTED.

SECURITY SYSTEM GENERAL NOTES

1. ALL SECURITY SYSTEM COMPONENTS WILL BE PROVIDED AND INSTALLED BY THE OWNER OR OWNER'S REPRESENTATIVE.

2. THE GENERAL CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS FRAMING, CONDUIT, ETC. REQUIRED TO COMPLETE THE INSTALLATION OF ALL SYSTEM COMPONENTS.

3. THE GENERAL CONTRACTOR SHALL CONDUCT A PRE-INSTALLATION CONFERENCE WITH THE TENANTS SECURITY SYSTEM REPRESENTATIVE TO COORDINATE LOCATIONS OF ALL SYSTEM COMPONENTS AND REQUIRED CONDUITS SUCH THAT ALL SYSTEM WIRES ARE CONCEALED FROM PUBLIC VIEW.

DEFERRED SUBMITTALS

- 1. 1. THE FOLLOWING BUILDING SYSTEMS SHALL BE DESIGN/BUILD BY THE CONTRACTOR AND SHALL BE SUBMITTED FOR SEPARATIE REVIEW TO THE AUTHORITIES HAVING JURISDICTION WHERE REQUIRED:
- 2. METAL STUD FRAMING. 3. NON-STRUCTURAL MISCELLANEOUS STEEL FABRICATIONS.
- 4. FIRE ALARM
- 5. FIRE PROTECTION 6. ROOFING

EXTERIOR ENCLOSURE NOTES

IN ADDITION TO THE INTENT OF THE WORK INDICATED ON THE DRAWINGS, ALL EXTERIOR ENCLOSURE WORK SHALL COMPLY WITH THE SPECIFIC TECHNICAL REQUIREMENTS OF THE PROJECT SPECIFICATION AND THE FOLLOWING GENERAL NOTE CRITERIA.

THE EXTERIOR ENCLOSURE SYSTEM INCLUDES, BUT IS NOT LIMITED TO, ARCHITECTURAL BUILDING CLADDING SYSTEMS, WEATHER BARRIERS AND MEMBRANES, MOISTURE AND VAPOR BARRIERS, DAMPPROOFING, WATERPROOFING, METAL FABRICATIONS, COLD FORMED METAL STUD FRAMING, BUILDING INSULATION, FLASHING AND SHEET METAL, CEMENT PLASTER FINISHES, GLAZING SYSTEMS, LOUVERS AND VENTS, AND ANY OTHER MATERIAL, COMPONENT, FINISH, OR SUPPORT SYSTEM FOR THE BUILDING SKIN, INTENDED TO PROTECT THE BUILDING FROM THE EXTERIOR ENVIRONMENT.

THE PROFILES, SHAPES, RELATIONSHIPS, CONNECTIONS, DETAILS, AND MATERIALS INDICATED ARE A SCHEMATIC REPRESENTATION OF THE DESIGN AND TECHNICAL INTENT. THE CONCEPT INDICATED IS TO BE DEVELOPED, ENGINEERED, AND DETAILED BY THE CONTRACTOR AS REQUIRED TO PROVIDE A HIGH QUALITY WATER TIGHT, AND THERMALLY RESISTANT EXTERIOR ENCLOSURE SYSTEM COMPLYING WITH ALL INDICATED DESIGN AND TECHNICAL INTENT CRITERIA. PROVIDE ALL REQUIRED DESIGN, ENGINEERING, TESTING, MATERIALS, FASTENERS, ANCHORS, BRACING, SUPPORTS, WEEP SYSTEMS, FLASHING, SEALANTS, FABRICATION, ERECTION, ETC. REQUIRED TO FABRICATE AND INSTALL A HIGH QUALITY EXTERIOR ENCLOSURE.

- THE EXTERIOR ENCLOSURE SYSTEM DESIGN AND INSTALLATION SHALL ACCOMMODATE THE FOLLOWING:
- BUILDING MOVEMENT DUE TO GRAVITY LOADS, DEFLECTION AND VIBRATION
- BUILDING LOADS DUE TO WIND LOADS, DEFLECTION AND VIBRATION. BUILDING MOVEMENT AND LOADING OF RAIN AND SNOW.
- RECOGNIZED SEISMIC FORCES.
- THERMAL EXPANSION AND CONTRACTION.
- DIFFERENTIAL AIR PRESSURE. DIFFERENTIAL VAPOR PRESSURE
- THE EXTERIOR ENCLOSURE SYSTEM DESIGN AND INSTALLATION SHALL PROVIDE THE REQUIRED RESISTIVITY TO THE FOLLOWING AND THEIR COMBINED EFFECTS:
- WATIER INFILTRATION DIFFERENTIAL AIR PRESSURE
- DIFFERENTIAL VAPOR PRESSURE.
- THERMAL DIFFERENTIALS

ALL EXTERIOR SOFFITS AND CEILING PLANES SHALL BE RIGIDLY FRAIVED TO RESIST POSITIVE AND NEGATIVE WIND LOADS. IN ADDITION TO GRAVITY AND OTHER LOADS.

THE EXTERIOR WALL ASSEMBLY SHALL HAVE A MINIMUM THERMAL TRANSMISSION RESISTIVITY ("R") VALUE OF R20 IN VERTICAL WALLS, SOFFITS AND HORIZONTAL CEILINGS, AND R30 IN ROOFS. PROVIDE CONTINUOUS INSULATION WITHIN THE VERTICAL AND HORIZONTAL EXTERIOR ENCLOSURE ANCHORAGE ASSEMBLIES ARE TO BE DESIGNED AS REQUIRED TO BE NOISELESS IN ACCOMMODATED DYNAMIC MOVEMENTS INCLUDING THERMAL CONTRACTION AND EXPANSION, WIND, AND SEISMIC DRIFT. ANCHORAGE

ASSEMBLIES SHALL TRANSMIT EXTERIOR ENCLOSURE DEAD LOADS AND DYNAMIC LOADS TO THE BUILDING STRUCTURE. PROVIDE AND INSTALL ALL REQUIRED BRACKETS, ASSEMBLIES, EMBEDS, ETC. PROVIDE ADDITIONAL SUPPORT FRAMING AND/OR STEEL REQUIRED FOR THE ANCHORAGE AND SUPPORT OF EXTERIOR ENCLOSURE SYSTEMS AND

COMPONENTS, PROVIDE ENGINEERING CALCULATIONS AND DETAILS FOR ALL PROPOSED MODIFICATIONS REQUIRED TO ANCHOR THE EXTERIOR ENCLOSURE SYSTEM(S). ALL REQUIRED SEALANTS AND FILLERS ARE TO BE INSTALLED TO PROVIDE A COMPLETE WEATHER TIGHT SYSTEM WITH WEEPS AS REQUIRED TO DRAIN INTERNAL MOISTURE TO THE EXTERIOR. EXTERIOR SEALANTS ARE TO BE 20 YEAR WARRANTED OF APPROPRIATE MODULUS FOR ANTICIPATED MOVEMENT CONDITIONS.

PROVIDE POSITIVE DRAINAGE ON ALL SURFACES EXPOSED TO DIRECT OR INDIRECT WATER OR MOISTURE ACCUMULATION. SUCH SURFACES SHALL WEEP WATER OR MOISTURE TO THE EXTERIOR. MAINTAIN ALL WARRANTIES WHEN MODIFYING THE EXTERIOR ENCLOSURE INCLUDING LANDLORD PROVIDED ITEMS, ROOFING, HORIZONTAL AND VERTICAL PENETRATIONS.

ALL CONDUIT FEEDS TO ELECTRICAL DEVICES MOUNTED ON WALLS SHALL BE PLACED WITHIN THE WALL FOR CONCEALMENT, REGARDLESS OF THE HEIGHT OF THE WALL MOUNTED DEVICE.

ALL ELECTRICAL POWER OUTLETS SHALL BE COMMERCIAL GRADE IN ALL AREAS. ALL DEVICE AND FACEPLATE COLORS ARE TO BE VERIFIED WITH THE ARCHITECT. EXPOSED CONDUIT SHALL BE INSTALLED STRAIGHT, LEVEL, UNIFORMLY SPACED, AND PARALLEL TO EXPOSED STRUCTURAL ELEMENTS. CONDUIT LENGTHS SHALL BE AS LONG AS POSSIBLE TO MINIMIZE EXPOSED CONNECTIONS. THE DESIGN INTENT FOR UNDER SLAB CONDUIT IS TO SUPPLY POWER & DATA TO FLOOR RECEPTACLES AND 'FLOATING' WALLS. "FLOATING" WALLS ARE WALL PARTITIONS WHICH DO NOT CONNECT TO THE ROOF DECK OR STRUCTURE ABOVE, DO NOT CONNECT TO A FINISHED CEILING, OR DO NOT CONNECT TO AN EXTERIOR PERIMETER BUILDING WALL. THE DESIGN INTENT IS TO PREVENT HAVING CONDUIT HANG DOWN OR DROP DOWN FROM THE

CEILING INTO VISUALLY EXPOSED OPEN PLENUM SPACE. NO UNDER SLAB CONDUIT SHALL EXTEND TO CEILING MOUNTED DEVICES UNLESS CONCEALED FROM VIEW.

NO OVERHEAD OR CEILING MOUNTED CONDUIT SHALL EXTEND DOWN FROM THE CEILING TO FLOOR OR WALL DEVICES UNLESS CONCEALED FROM VIEW.

POWER DISTRIBUTION TO OVERHEAD LIGHTS AND OTHER OVERHEAD EQUIPMENT SHALL BE SUPPLIED BY CONDUIT RUNS ALONG THE EXISTING CEILING, WITH CEILING HOME RUNS LOCATED PERPENDICULAR AND/OR PARALLEL TO THE BUILDING AND STRUCTURE AT THE CEILING SLAB.

NO CONDUIT SHALL BE PLACED ON ANY EXPOSED COLUMN SURFACES UNLESS SPECIFICALLY INDICATED WITHIN THE ARCHITECTURAL DETAILS, OR SPECIFICALLY COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION. EXPOSED CEILING CONDUITS SHALL BE GANGED TOGETHER WHEREVER POSSIBLE, AND SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURAL ELEMENTS, DIAGONAL ROUTING SHALL NOT BE ACCEPTED. EXPOSED CEILING CONDUIT SHALL BE INSTALLED STRAIGHT, LEVEL, AND UNIFORMLY SPACED. STRUCTURED CEILING SOFFITS SHALL HAVE POWER FED FROM CONDUITS WHICH EXTEND FROM THE PERIMETER WALL.

EXIT SIGNS ARE INDICATED FOR DESIGN INTENT. VERIFY PROPOSED LOCATIONS ARE ACCEPTABLE TO THE BUILDING AUTHORITY, AND NOTIFY ARCHITECT OF REQUIRED CHANGES DIRECTED BY THE BUILDING AUTHORITY PRIOR TO INSTALLATION.

ALL WALL RECEPTACLES, SWITCHES, DEVICE AND FACEPLATE COLORS ARE TO BE VERIFIED WITH THE ARCHITECT PRIOR TO PROCUREMENT AND INSTALLATION. COORDINATE CONDUIT REQUIREMENTS FOR MECHANICAL SYSTEM DEVICES SUCH AS THERMOSTATS AND CO2 SENSORS TO COMPLY WITH THE NOTES HEREIN.

ARCHITECTURAL SYSTEMS AND FINISHES

COLORS INDICATED ON THE MATERIALS AND FINISH KEY ARE CUSTOM COLORS TO MATCH THE COLOR INDICATED. COLORS FROM MANUFACTURER'S STANDARD CHARTS WILL NOT BE ACCEPTED UNLESS THOSE COLORS MATCH THE COLORS INDICATED. CONTRACTOR MAY USE ANY ACCEPTABLE ALTERNATE PAINT MANUFACTURER THAT CAN MATCH THE SPECIFIED COLOR.

INTERIOR STUD WALL FRAMING DESIGN IS INDICATED ON THE PARTITION SCHEDULE. SPECIFIED GAUGES ARE MINIMUMS TO BE UTILIZED FOR TYPICAL APPLICATIONS AND CONDITIONS. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AT SPECIFIC LOCATIONS WHERE THE SPECIFIED OR DETAILED STUD APPLICATION WILL NOT MEET THE MINIMUM DESIGN OR DEFLECTION CRITERIA.

NON-LOAD BEARING INTERIOR STUDS SUBJECT TO LOCALIZED STRUCTURAL LOADS FROM OTHER BUILDING SYSTEMS OR COMPONENTS, INCLUDING BUT NOT LIMITED TO, ANCHORAGE REQUIREMENTS FOR DOORS, WINDOWS, STOREFRONTS, CURTAINWALLS, CABINETS, BUILT-IN FURNITURE, ETC. SHALL BE DESIGNED AND ENGINEERED BY THE CONTRACTOR, IF SUCH DESIGN IS NOT SPECIFICALLY INDICATED IN THE DOCUMENTS. MISCELLANEOUS STUD FRAMING FOR SOFFITS AND OTHER ARCHITECTURAL ELEMENTS ARE INDICATED FOR GENERAL DESIGN INTENT AND PROFILE ONLY. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AND FRAMING AS

NECESSARY TO MEET THE DESIGN AND DEFLECTION CRITERIA. INTERIOR WALL, SOFFIT, AND CEILING FRAMING SHALL MEET A MINIMUM OF 5 PSF WIND LOAD AND LI240 DEFLECTION DESIGN CRITERIA. INTERIOR

ELEVATOR OR MECHANICAL SHAFT FRAMING SHALL MEET A MINIMUM OF 10 PSF WIND LOAD AND LI240 DEFLECTION DESIGN CRITERIA. EXTERIOR OR STRUCTURAL FRAMING SHALL MEET SPECIFIC DESIGN CRITERIA SPECIFIED ELSEWHERE IN THE DOCUMENTS. GWB1 CONTROL JOINTS ARE INDICATED FOR GENERAL DESIGN INTENT ONLY. REFER TO REFLECTED CEILING PLAN AND/OR INTERIOR ELEVATIONS FOR LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR INSTALLING CONTROL JOINTS

TO COMPLY WI ASTM C840, MAXIMUM SPACING FOR CONTROL JOINTS IS 30'.{}". ALL CONTROL JOINT LOCATIONS ARE TO BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO INSTALLATION. SEALANT JOINTS DESIGNED AS REVEALS ARE INDICATED GRAPHICALLY AS RECESSED, AND MAY ALSO BE NOTED AS "RECESSED". MAINTAIN A CONSISTENT BACK OF REVEAL DEPTH. MAXIMUM OCCUPANCY SIGN TO BE LOCATED NEAR ENTRANCE.

LIGHTING GENERAL NOTES

SCHEDULED LIGHT FIXTURE ARE PROPRIETARY PRODUCTS AND SHALL BE INTERPRETED AS THE BASES-OF-DESIGN; THE SCHEDULED FIXTURES SHALL TAKE PRECEDENCE OVER OTHER PRODUCTS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS; ALTERNATIVE FIXTURES MAY BE USED IF EQUAL TO THE BASIS OF DESIGN; ALTERNATIVE FIXTURES SHALL MATCH THE PERFORMANCE, QUALITY, PROFILE, AND LAMPING OF THE BASIS-OF-DESIGN FIXTURE; CONTRACTOR SHALL CONSULT WITH ARCHITECT BEFORE PROCEEDING WITH AN ALTERNATIVE PRODUCT WHICH IS SPECIFICALLY IDENTIFIED IN THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL LIGHT FIXTURES, FIXTURE MOUNTING HEIGHTS, AND FIXTURE MOUNTING DETAILS; NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN THE INDICATED MOUNTING REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDED INSTALLATION DETAILS PRIOR TO ORDERING AND PURCHASING OF FIXTURES

FURNITURE NOTES

ALL LOOSE FURNITURE SHOWN IS FOR REFERENCE ONLY AND IS NOT-IN-CONTRACT UNLESS OTHERWISE NOTED. THE GENERAL CONTRACTOR SHALL COORDINATE FURNITURE INSTALLATION SCHEDULE AND SEQUENCING WITH TENANT.

REFER TO A0.6 SHEET FOR LIGHT FIXTURE SCHEDULE.

AN EXIT IS A CONTINUOUS AND UNOBSTRUCTED MEAN OF EGRESS TO A PUBLIC WAY AND SHALL INCLUDE INTERVENING ROOMS, DOORS, AISLES, AND YARDS. A PUBLIC WAY IS ANY STREET, ALLEY OR SIMILAR PARCEL OF LAND UNOBSTRUCTED FROM GROUND TO SKY WHICH IS DEDICATED FOR PUBLIC USE AND HAVING A CLEAR WIDTH OF NOT LESS THAN 10 FEET. THE MAIN ENTRANCE AND GROUND FLOOR EXIT DOORS SHALL BE MADE ACCESSIBLE.

ALL REQUIRED EXIT DOORWAYS SHALL BE OF SIZE TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3' WIDTH AND 6'-8' IN HEIGHT.

MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE PROHIBITED. WHEN EXIT DOORS USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE HARDWARE.

HAND ACTIVATED DOOR HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR.

EXIT DOORS SHALL OPEN TO A CLEAR WIDTH OF NOT LESS THAN 32".

WHERE A PAIR OF DOORS IS PROVIDED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR OPENING WIDTH OF 32". THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF THE DOOR SWING OF AT LEAST 60" AND A LENGTH OPPOSITE THE DIRECTION OF

THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 1 8' PAST THE STRIKE EDGE FOR INTERIOR DOORS. PROVIDE A CLEAR SPACE OF 12" PAST THE STRIKE EDGE OF THE DOOR ON THE OPPOSITE SIDE TO WHICH THE DOOR SWINGS IF THE DOOR IS EQUIPPED WITH BOTH A LATCH AND CLOSER. THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/4" LOWER THAN THE THRESHOLD OF THE DOORWAY.

THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARD. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 15 LBS FOR EXTERIOR DOORS AND 5 LBS FOR INTERIOR DOORS. CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS BUT SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH.

EVERY PORTION OF EVERY BUILDING IN WHICH ARE INSTALLED SEATS, TABLES, MERCHANDISE, EQUIPMENT, OR SIMILAR MATERIALS SHALL BE PROVIDED WITH AISLES LEADING TO AN EXIT. EVERY AISLE SHALL NOT BE LESS THAN 3' WIDTH IF SERVING ONLY ONE SIDE, AND NOT LESS THAN 3'-8" WIDTH IF SERVING BOTH SIDES.

OBJECTS PROTRUDING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, PASSAGEWAYS OR AISLES. FREE STANDING OBJECTS MOUNTED ON POSTS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE FINISHED FLOOR.

CLEAR FLOOR SPACE THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT.

THE HIGHEST AND LOWEST OPERABLE PART OF ALL CONTROLS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN 48" OF THE FLOOR BUT NOT LOWER THAN 15' IF FORWARD APPROACHED AND WITHIN 54" BUT NOT LOWER THAN 9"1F SIDE APPROACHED. ELECTRICAL AND COMMUNICATION SYSTEM RECEPTACLES SHALL NOT BE PLACED LESS THAN 15" ABOVE THE FLOOR CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO OPERATE CONTROLS SHALL BE NO GREATER THAN

THE MINIMUM CLEAR FLOOR SPACE REQUIRED TO ACCOMMODATE A SINGLE STATIONARY WHEELCHAIR IS 30" BY 48". THE MINIMUM CLEAR FLOOR SPACE MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH. THE MINIMUM CLEAR WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 32" AT A POINT AND 36" CONTINUOUSLY.

THE MINIMUM CLEAR WIDTH FOR 2 WHEELCHAIRS TO PASS SHALL BE 60". THE MINIMUM CLEAR WIDTH REQUIRED FOR A WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36" WHERE THE OBSTRUCTION IS 48" OR MORE IN LENGTH AND 42" WHERE THE OBSTRUCTION IS LESS THAN 48" IN LENGTH. IF SEATING FOR PEOPLE IN WHEELCHAIRS IS PROVIDED AT FIXED TABLES OR COUNTERS, KNEE SPACES AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP SHALL BE PROVIDED. THE TOPS OF TABLES AND COUNTERS SHALL BE 28" TO 34" FROM THE FLOOR.

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE AND SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 5998.

ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE. SIGNS SHALL BE

INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE

WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:

LETTERS AND NUMBERS SHALL BE RAISED OR RECESSED 1/32" MINIMUM AND SHALL BE SANS. SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH

PICTORIAL SYMBOL SIGNS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.

INFO@DAKECOLLABORATIVE.COM

Ш



NO.	DESCRIPTION	DATE

GENERAL NOTES

04.19.2024 Drawn by MDChecked by

12'' = 1'-0'' Scale

SPECIFICATIONS

DIVISION 00 - GENERAL INFORMATION

SECTION 00000 - PROJECT DIRECTORY OWNFR REVIVE CHURCH ATTN: CAMERON KEYON

DENVER CO 80210

ARCHITECT, MECHANICA, AND PLUMBING ENGINEER DAKE COLLABORATIVE ATTN: MILES DAKE 3435 INCA STREET, UNIT C

ELECTRICAL ENGINEER DAWN KELLER ENGINEERING

ENGLEWOOD, CO 80110

CONTRACTOR

DIVISION 01 - GENERAL CONDITIONS

SECTION 01000 - GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

THE CONTRACT DOCUMENTS CONSIST OF THE AGREEMENT BETWEEN OWNER AND CONTRACTOR, THE GENERAL CONDITIONS OF THE CONTRACT, DRAWINGS, SPECIFICATIONS, ADDENDA ISSUED PRIOR TO EXECUTION OF THE CONSTRUCTION CONTRACT, AND OTHER DOCUMENTS ISSUED AFTER THE EXECUTION OF THE CONTRACT.

GENERAL CONDITIONS OF THE CONTRACT SHALL BE AIA DOCUMENT A201-2007. SPECIFICATIONS ARE INCLUDED ON THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWING SHEETS.

REQUESTS FOR INFORMATION (RFI) RESPONSES SHALL BECOME PART OF THE CONTRACT DOCUMENTS. RFI'S ARE CLARIFICATIONS TO THE DOCUMENTS, AND ARE TYPICALLY NOT CONSIDERED CHANGES TO THE DOCUMENTS. CHANGES TO THE DOCUMENTS SHALL BE ISSUED AS ARCHITECTURAL SUPPLEMENTAL

INSTRUCTIONS (ASI) ASI'S MAY INCLUDE BOTH CLARIFICATIONS TO THE DOCUMENTS AND CHANGES IN SCOPE REQUIRING AN ADJUSTMENT TO THE CONTRACT SUM

SECTION 01010 - SUMMARY OF WORK

THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, DEVICES AND SUPERVISION REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK FOR THE TENANT SPACE IMPROVEMENTS DESCRIBED ON THE DRAWINGS AND SPECIFIED HEREIN. PRIOR TO BIDDING AND COMMENCEMENT OF THE WORK, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF, THE SUBCONTRACTORS, MATERIAL SUPPLIERS AND TRADESPEOPLE WITH ALL CONSTRUCTION DOCUMENTS, FIELD CONDITIONS AND EXISTING DIMENSIONS, AND SHALL CONFIRM THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CLARIFICATIONS FROM THE ARCHITECT.

SECTION 01025 - MEASUREMENT AND PAYMENT

MONTHLY PAY REQUESTS WILL BE SUBMITTED BY THE CONTRACTOR TO THE ARCHITECT AND TENANT FOR REVIEW AND APPROVAL. PAY IS DUE AS SPECIFIED IN THE OWNER/CONTRACTOR AGREEMENT. REFER TO THE OWNER/CONTRACTOR AGREEMENT FOR RETAINAGE SPECIFICATIONS.

SECTION 01040 - COORDINATION

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS TO ENSURE EFFICIENT AND ORDERLY INSTALLATION OF THE WORK.

THE CONTRACTOR SHALL SCHEDULE OPERATIONS IN THE SEQUENCE REQUIRED TO OBTAIN THE BEST RESULTS WHERE INSTALLATION OF ONE PART DEPENDS ON INSTALLATION OF OTHER COMPONENTS.

THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF COMPONENTS TO ASSURE MAXIMUM ACCESSIBILITY FOR REQUIRED MAINTENANCE, SERVICE AND REPAIR.

THE CONTRACTOR SHALL COORDINATE OPERATIONS TO ASSURE THAT OPERATIONS ARE CARRIED OUT WITH CONSIDERATION GIVEN TO CONSERVATION OF ENERGY, WATER AND MATERIALS. THE CONTRACTOR SHALL REQUIRE EACH INSTALLER TO INSPECT THE SUBSTRATE AND CONDITIONS FOR WHICH THE WORK IS TO BE PERFORMED. DO NOT PROCEED WITH ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN

CORRECTED. THE CONTRACTOR SHALL SUPERVISE THE CONSTRUCTION OPERATIONS TO ASSURE THAT NO PART OF THE CONSTRUCTION, COMPLETED OR IN PROGRESS, IS SUBJECT TO HARMFUL, DANGEROUS, OR DAMAGING EXPOSURE DURING THE CONSTRUCTION PERIOD.

SECTION 01060 - REGULATORY REQUIREMENTS

THE WORK IN THIS PROJECT SHALL CONFORM TO ALL APPLICABLE CODES, STANDARDS, REGULATIONS, ETC., REQUIRED, ISSUED, OR OTHERWISE ENFORCED BY ANY AND ALL AUTHORITIES HAVING JURISDICTION. REFER TO SHEET A001 FOR APPLICABLE CODES AND JURISDICTIONS.

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY KNOWLEDGE OF POSSIBLE CONFLICTS OR DISCREPANCIES BETWEEN REQUIREMENTS OF THESE CONSTRUCTION DOCUMENTS AND APPLICABLE CODES, STANDARDS

THE CONTRACTOR SHALL PAY ALL PERMIT CHARGES AND FEES ASSOCIATED WITH THE WORK, WHICH HAVE NOT BEEN IDENTIFIED AS BEING PAID BY THE TENANT. THE CONTRACTOR SHALL ARRANGE FOR REQUIRED INSPECTIONS AND PAY ALL INSPECTION FEES ASSOCIATED WITH THE WORK.

SECTION 01100 - SPECIAL PROJECT PROCEDURES

CERTAIN PROFESSIONAL SERVICES MAY BE PERFORMED BY INDEPENDENT CONSULTANTS UNDER SEPARATE AGREEMENTS WITH THE OWNER AND GENERAL CONTRACTOR. THE ARCHITECT WILL NOT BE PROFESSIONALLY LIABLE OR RESPONSIBLE FOR WORK OF INDEPENDENT CONSULTANTS, WHERE INFORMATION OR DOCUMENTS HAVE BEEN PROVIDED BY INDEPENDENT CONSULTANTS, THE CONTRACTOR SHALL DIRECT ALL INQUIRIES AND SUBMITTALS TO SUCH CONSULTANTS WITH COPIES TO THE ARCHITECT FOR INFORMATION ONLY.

CERTAIN ITEMS SHOWN OR SPECIFIED IN THE CONTRACT DOCUMENTS MAY BE FURNISHED BY THE OWNER, AT THEIR DISCRETION, FOR INSTALLATION BY THE CONTRACTOR. OR THE OWNER MAY CHOOSE TO FURNISH AND INSTALL CERTAIN ITEMS THEMSELVES.

EXISTING STRUCTURES: THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED FROM OWNER FURNISHED INFORMATION AND USING SITE OBSERVATION AS PERMITTED BY ACCESS RESTRICTIONS DURING DESIGN. DURING CONSTRUCTION, THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH ARE NOT NOW KNOWN OR ARE AT VARIANCE WITH PROJECT DOCUMENTATION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL CONDITIONS NOT PER THE CONTRACT DOCUMENTS, EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO: SIZES OR DIMENSIONS OTHER THAN THOSE SHOWN; DAMAGE OR DETERIORATION TO MATERIALS AND COMPONENTS; CONDITIONS OF INSTABILITY OR LACK OF SUPPORT.

SECTION 01200 - PROJECT MEETINGS AND REPORTS

THE CONTRACTOR SHALL PREPARE A WEEKLY REPORT SUMMARIZING CONSTRUCTION ACTIVITIES AND IDENTIFYING THE NEXT WEEK'S SCHEDULED ACTIVITIES. REPORT SHALL INCLUDE PHOTOGRAPHS OF THE WORK PROGRESS THE CONTRACTOR SHALL CONDUCT A PRE-INSTALLATION MEETING WITH HIS/HER SUB-CONTRACTORS BEFORE EACH MAJOR CONSTRUCTION ACTIVITY AND FOR COORDINATION WITH OTHER CONSTRUCTION. A SUMMARY OF THE MEETING

THE CONTRACTOR SHALL PREPARE A CONSTRUCTION SCHEDULE WHICH IS UPDATED WEEKLY, ANY INCLUDED IN THE WEEKLY REPORT.

SECTION 01300 - SUBMITTALS

THE CONTRACTOR SHALL SUBMIT TO ARCHITECT /ENGINEER PRODUCT DATA, SHOP DRAWINGS AND SAMPLES REQUIRED IN OTHER SECTIONS OF THESE SPECIFICATIONS. THE CONTRACTOR SHALL REVIEW EACH SUBMITTAL AND SHALL INDICATE HIS/HER STAMPED "ACTION" FOR EACH SUBMITTAL PRIOR TO SENDING THEM TO ARCHITECT FOR REVIEW.

SUBMISSION OF SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES SHALL CONSTITUTE A REPRESENTATION BY CONTRACTOR THAT HE/SHE HAS REVIEWED THE SUBMITTAL AND THAT ALL MEASUREMENTS, CONDITIONS, AND RELEVANT CRITERIA OF THE CONTRACT DOCUMENTS HAS BEEN CHECKED, VERIFIED, AND COORDINATED.

THE ARCHITECT'S REVIEW OF SUBMITTALS IS FOR OVERALL DESIGN CONFORMANCE, COLOR, TEXTURE, ETC. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DIMENSIONAL ACCURACY, QUANTITY, PERFORMANCE, ERRORS AND OMISSIONS OF SUBMITTALS. ANY DISCREPANCIES BETWEEN SUBMITTALS AND THE CONSTRUCTION DOCUMENTS SHALL BE SPECIFICALLY IDENTIFIED ON THE SUBMITTAL AT THE TIME OF SUBMISSION. THE ARCHITECT'S REVIEW SHALL NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

THE CONTRACTOR SHALL COORDINATE THE PREPARATION AND PROCESSING OF SUBMITTALS WITH THE PERFORMANCE OF CONSTRUCTION ACTIVITIES, AND SHALL TRANSMIT SUBMITTALS IN ADVANCE OF CONSTRUCTION ACTIVITIES TO AVOID

THE CONTRACTOR SHALL COORDINATE EACH SUBMITTAL WITH FABRICATION, PURCHASING, TESTING, DELIVERY, OTHER SUBMITTALS, AND RELATED ACTIVITY THAT REQUIRE SEQUENTIAL ACTIVITY.

THE ARCHITECT'S REVIEW IS NOT FOR THE PURPOSE OF COORDINATING THE WORK OF VARIOUS TRADES WITHIN THE SUBMITTAL. WHERE COORDINATION IS REQUIRED BUT NOT INDICATED, SUBMITTALS SHALL BE RETURNED AS INCOMPLETE. THE CONTRACTOR SHALL ALLOW A MINIMUM OF (8) BUSINESS DAYS FROM ARCHITECT'S RECEIPT OF THE SUBMITTAL FOR REVIEW AND PROCESSING.

THE CONTRACTOR SHALL NOT REQUEST ADDITIONAL TIME OR COMPENSATION RELATED TO DELAYS CAUSED BY INCOMPLETE SUBMITTALS, AND/OR RESUBMITTALS.

SUBMITTALS SHALL BE INDIVIDUALLY LABELED, NUMBERED, AND SHALL INDICATE THE NAME OF THE PROJECT, DATE, NAME OF ARCHITECT, NAME OF CONTRACTOR, NAME OF SUB-CONTRACTOR, MANUFACTURER, SPECIFICATION SECTION,

AND SHALL REFERENCE CONTRACT DOCUMENT DRAWINGS. THE ARCHITECT REQUIRES A MINIMUM OF ONE (1) COPY OF EACH SUBMITTAL FOR REVIEW. SUBMITTALS SHALL BE TRANSMITTED TO THE ARCHITECT VIA ELECTRONIC MAIL WHEN POSSIBLE.

ARCHITECT'S ACTION STAMP HAS THE FOLLOWING 'ACTIONS:" "A"

CONTRACTOR MAY PROCEED WITH THE WORK WITHOUT CORRECTIONS: "B" CONTRACTOR MAY PROCEED WITH THE WORK IF THE CORRECTIONS NOTED ARE MADE: "B-RESUBMIT"

SOME PORTION OF THE WORK SUBMITTED DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS AND REQUIRES A RESUBMIT. HOWEVER, OTHER PARTS DO COMPLY AND MAY PROCEED AS NOTED. THE SUBMITTAL RESPONSE WILL CLARIFY THAT PORTION NEEDS TO BE RESUBMITTED AND WHY: "C"

SUBMITTAL FAILS TO MEET THE INTENT OF THE CONTRACT DOCUMENTS AND NEEDS TO BE RESUBMITTED ENTIRELY: "FOR INFORMATION ONLY"

CERTAIN PRODUCT TEST REPORTS AND DATA REQUIRED FOR THE RECORD ARE GIVEN THIS ACTION.

THE FOLLOWING SUBMITTALS ARE TO BE PROVIDED FOR ARCHITECT AND OWNER APPROVAL: CONCRETE MIX DESIGNS, PRODUCT DATA, ETC. PER SECTION 03300.

METAL FABRICATIONS PER DIVISION 05 SECTIONS. (TO BE REVIEWED CONCURRENTLY WITH ARCHITECTURAL MILLWORK)

ARCHITECTURAL MILLWORK PER DIVISION 06 SECTIONS.

(TO BE REVIEWED CONCURRENTLY WITH METAL FABRICATIONS) DOORS, DOOR HARDWARE AND FRAMES PER DIVISION 08 SECTIONS.

PAINT PER SECTION 09900 TOILET ACCESSORIES PER SECTION 10800 HVAC, PLUMBING AND FIRE PROTECTION PER DIVISION 15 SECTIONS.

LIGHTING AND ELECTRICAL SERVICE GEAR PER DIVISION 16 SECTIONS.

OTHER MISCELLANEOUS FINISHES LISTED IN THE MATERIAL AND FINISH LEGEND.

SEALANTS OTHER SCOPE OF WORK ITEMS NOT SPECIFICALLY LISTED ABOVE BUT INCLUDED IN THE CONTRACT DOCUMENTS.

SECTION 01400 - QUALITY CONTROL

GYPSUM BOARD SYSTEMS PER SECTION 09250

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL OF THE CONSTRUCTION, ALL ACQUISITION OF MATERIALS, SEQUENCE OF CONSTRUCTION, AND MEANS AND METHODS OF CONSTRUCTION SHALL BE THE RESPONSIBILITY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING COMPLIANCE WITH THE QUALITY STANDARDS INDICATED IN THE CONTRACT DOCUMENTS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEW OF SUBMITTALS PRIOR TO THEIR BEING FORWARDED TO ARCHITECT FOR REVIEW, FINAL INSPECTION OF THE PROJECT PRIOR TO CALLING THE ARCHITECT AND OWNER TO CONDUCT A FINAL INSPECTION, AND VERIFICATION OF COMPLETION OF PUNCH LIST ITEMS PRIOR TO CALLING FOR A VERIFICATION REVIEN BY ARCHITECT AND OWNER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETESTING WHERE RESULTS OF INSPECTIONS, TESTS, OR OTHER QUALITY CONTROL SERVICES PROVE UNSATISFACTORY WORK OR INDICATE NON-COMPLIANCE WITH THE CONTRACT DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING WORK WHICH DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, INCLUDING COMPLETE REMOVAL AND REPLACEMENT. THE CONTRACTOR SHALL FOLLOW THE HIGHEST GENERALLY ACCEPTED CONSTRUCTION INDUSTRY STANDARDS FOR MATERIALS, PRODUCTS, QUALITY, AND WORKMANSHIP. WORK AND MATERIALS WHICH FAILS TO MEET ACCEPTED STANDARDS OF QUALITY OR APPEARANCE SHALL BE BROUGHT INTO COMPLIANCE OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

UNLESS INDICATED OTHERWISE, MATERIALS AND PRODUCTS SHALL BE NEW, OF BEST QUALITY, AND WITHOUT FLAWS, DELIVERED UPON COMPLETION IN AN UNDAMAGED CONDITION.

THE CONTRACTOR SHALL SUPPLY ALL NECESSARY BACK UP CONSTRUCTION, MISCELLANEOUS SCREWS AND BOLTS, FASTENERS, TRIM, HANGERS, AND OTHER ACCESSORIES REQUIRED FOR THE COMPLETION OF ALL PARTS OF THE WORK. MISCELLANEOUS AND ACCESSORY ITEMS SHALL BE THE SIZE, TYPE, AND FINISH APPROPRIATE TO THE TASK AND COMPATIBLE WITH THE FINISHES OF MATERIALS WITH WHICH THEY ARE USED. THE CONTRACTOR SHALL VERIFY DIMENSIONS WHICH MAY AFFECT THE ASSEMBLY OF VARIOUS PARTS OF THE PROJECT. WHERE ACTUAL FIELD DIMENSIONS PREVENT A PROPER INSTALLATION OF THE ASSEMBLY, CONTRACTOR

SHALL REQUEST CLARIFICATION FROM ARCHITECT. THE CONTRACTOR SHALL COOPERATE WITH OWNER OR OTHER AGENCIES PERFORMING REQUIRED INSPECTIONS, TESTS, AND SIMILAR SERVICES. CONTRACTOR SHALL SCHEDULE TIMES FOR INSPECTIONS, TESTS, AND SIMILAR ACTIVITIES AND SHALL COORDINATE SUCH ACTIVITIES TO AVOID DELAYS IN THE WORK.

THE CONTRACTOR SHALL CONDUCT THE FOLLOWING SITE WALK-THROUGH CONFERENCES WITH OWNER AND ARCHITECT: VERIFICATION OF ALL LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES FOR OWNER PROVIDED EQUIPMENT.

VERIFICATION OF ALL LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES. VERIFICATION OF ALL LOCATIONS AND MOUNTING HEIGHTS OF ALL FIRE ALARM AND FIRE PROTECTION DEVICES.

VERIFICATION OF ALL LOCATIONS WHERE SHARP CORNERS ARE TO BE MODIFIED SUCH THAT A SAFETY HAZARD IS NO LONGER PRESENT.

VERIFICATION OF LOCATIONS AND SCOPE FOR ALL METAL CORNERGUARDS.

VERIFICATION OF LOCATION OF FIRE PROTECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE ABOVE SITE WALK THROUGH CONFERENCES IN A TIMELY MANNER SUCH THAT DISRUPTION TO THE NORMAL CONSTRUCTION SEQUENCES ARE MINIMIZED.

SECTION 01500 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

ALL TEMPORARY FACILITIES SHALL BE INSTALLED AS REQUIRED BY APPLICABLE CODE, OSHA, AND LOCAL ORDINANCES.

THE CONTRACTOR SHALL HAVE ACCESS TO BUILDING UTILITIES INCLUDING ELECTRICAL POWER AND WATER NECESSARY TO COMPLETE THE WORK, SUBJECT TO TENANT APPROVAL. THE CONTRACTOR SHALL COORDINATE SHARED USE OF UTILITIES WITH THE LANDLORD AS REQUIRED.

CONTRACTOR SHALL KEEP TEMPORARY FACILITIES CLEAN AND NEAT IN APPEARANCE, AND WILL PREVENT ANY HAZARDOUS, DANGEROUS, UNSANITARY CONDITIONS, OR PUBLIC NUISANCES.

CONTRACTOR SHALL MAINTAIN A NONSMOKING SITE. SMOKING WILL NOT BE ALLOWED ON THE PREMISES. CONTRACTOR SHALL ARRANGE FOR ANY AND ALL ADDITIONAL TEMPORARY UTILITIES NEEDED FOR THE COMPLETION OF THE WORK, BEYOND WHAT CAN BE ARRANGED DIRECTLY FROM THE EXISTING BUILDING FACILITY AND

CONTRACTOR SHALL CONTROL DUST, EROSION, WATER ACCUMULATION AND DEBRIS ON THE PROJECT SITE. CONTRACTOR SHALL UTILIZE REASONABLE NOISE REDUCTION TECHNIQUES AND WILL COORDINATE NOISE GENERATING ACTIVITIES WITH THE OWNER TO MINIMIZE IMPACT ON OPERATIONS AND NEARBY PROPERTIES.

CONTRACTOR SHALL COMPLY WITH INDUSTRY STANDARDS, APPLICABLE LAWS, AND REGULATIONS OF THE LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: BUILDING CODES, HEALTH AND SAFETY REGULATIONS, UTILITY COMPANY REGULATIONS, POLICE AND FIRE DEPARTMENT RULES, AND ENVIRONMENTAL PROTECTION REGULATIONS.

CONTRACTOR SHALL PROVIDE TEMPORARY TOILETS IN COMPLIANCE WITH GOVERNING REGULATIONS.

CONTRACTOR SHALL PROVIDE TEMPORARY TELEPHONE SERVICE FOR PERSONNEL ENGAGED IN CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL ERECT BARRIERS SUITABLE FOR THE CONTAINMENT OF ENVIRONMENTAL HAZARDS AND SHALL BE CONSTRUCTED AND MAINTAINED IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF EXCAVATIONS, BEAMS, COLUMNS, MASONRY WALLS, ETC. DURING ERECTION, DEMOLITION, CUTTING ETC. AS APPROPRIATE FOR EACH TASK, AND SHALL PROVIDE ENGINEERING WHERE REQUIRED FOR SHORING AND BRACING. CONTRACTOR SHALL PROVIDE TEMPORARY DOORS, WALLS, AND OTHER CLOSURES ON PARTIALLY COMPLETED WORK TO PROTECT AND SECURE AREAS FROM UNAUTHORIZED ENTRY.

THE CONTRACTOR IS TO SECURE ALL PERTINENT CONSTRUCTION GUIDELINES GOVERNING OWNER CONSTRUCTION FROM THE LANDLORD PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PROVIDE PAPER ON ALL OF THE EXTERIOR WINDOWS TO CONCEAL THE PROGRESS OF WORK FROM THE PUBLIC. OWNER, ARCHITECTS SIGNAGE AND CONTRACTOR SIGNAGE SHALL BE PROVIDED AT THE

STREET FRONT WINDOWS, THE CONTRACTOR SHALL INSTALL/ VERIFY WITH THE ARCHITECT THE EXACT SIGNAGE TO BE PLACED AT THE WINDOWS.

SECTION 01600 - MATERIALS AND EQUIPMENT

ALL PRODUCTS SHALL BE INSTALLED AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS. CONTRACTOR SHALL OBTAIN AND DISTRIBUTE COPIES OF SUCH INSTRUCTIONS TO PARTIES INVOLVED IN THE INSTALLATION OF PRODUCTS, INCLUDING (1) COPY TO ARCHITECT. ALL PRODUCTS SHALL BE HANDLED AND STORED AS PER MANUFACTURER'S RECOMMENDATIONS, USING MEANS AND METHODS THAT WILL PREVENT DAMAGE, DETERIORATION, AND LOSS, INCLUDING THEFT.

SECTION 01700 - CONTRACT CLOSEOUT

CONTRACTOR SHALL INSPECT THE WORK TO CERTIFY COMPLETION OF ALL CONTRACT REQUIREMENTS. CONTRACTOR SHALL THEN NOTIFY ARCHITECT AND OWNER IN WRITING OF HIS CLAIM FOR COMPLETION AND WILL INCLUDE A LIST OF OUTSTANDING OR INCOMPLETE ITEMS. SUCH WRITTEN NOTIFICATION SHALL CONSTITUTE CONTRACTOR'S CERTIFICATION OF INSPECTION, ACCEPTANCE, AND SUITABILITY OF THE WORK FOR ARCHITECT'S REVIEW.

PRIOR TO REQUESTING ARCHITECT OBSERVATION, CONTRACTOR SHALL HAVE PERFORMED THE FOLLOWING TASKS:

CONTACT LOG OF ALL SUB-CONTRACTORS, MATERIALS, AND PRODUCT SUPPLIERS

SUMMARY STATEMENT OF ALL ACCOUNTING CHANGES TO ORIGINAL CONTRACT SUM OBTAIN RELEASES, OCCUPANCY PERMITS, CERTIFICATES, ETC.

SUBMIT INSPECTION REPORTS AND CERTIFICATES FROM AGENCIES HAVING JURISDICTION

SUBMIT MAINTENANCE MANUALS AND WARRANTIES DELIVER TOOLS, SPARE PARTS, EXTRA STOCK, ETC.

TRANSMIT KEYS FOR PERMANENT LOCKS COMPLETE START UP TESTING FOR SYSTEMS

REMOVE TEMPORARY FACILITIES

PERFORM FINAL CLEAN UP UPON RECEIPT OF CLOSE OUT SUBMITTAL, ARCHITECT SHALL PROVIDE INITIAL WALK-THROUGH.

ARCHITECT AND OWNER SHALL REVIEW THE WORK AND WILL PREPARE A "PUNCH LIST" OF ITEMS TO BE CORRECTED. CONTRACTOR SHALL CORRECT PUNCH LIST ITEMS TO THE SATISFACTION OF ARCHITECT AND OWNER, AND WILL SCHEDULE A FINAL REVIEW. SHOULD MORE THAN (1) FINAL REVIEW BE REQUIRED, CONTRACTOR SHALL

COMPENSATE ARCHITECT AND OWNER WITH A DEDUCT FROM THE FINAL PAYMENT TO CONTRACTOR. CONTRACTOR SHALL SUBMIT ALL GUARANTEES AND WARRANTIES WHICH BEAR THE EFFECTIVE DATE OF THE FINAL ACCEPTANCE. A WRITTEN WARRANTY ADDRESSED TO OWNER, PROPERLY SIGNED AND NOTARIZED, WARRANTING THAT CONTRACTOR AND EACH SUB-CONTRACTOR SHALL REMEDY ANY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP AND PAY CONSEQUENTIAL DAMAGES RESULTING THEREFROM, WHICH APPEAR IN THE WORK

WITHIN A PERIOD OF (2) YEARS FROM THE DATE OF FINAL ACCEPTANCE. CONTRACTOR SHALL SUBMIT FINAL APPLICATION FOR PAYMENT, CONSENT OF SURETY TO FINAL PAYMENT, AND CERTIFICATE OF OCCUPANCY TO THE OWNER.

CONTRACTOR SHALL MAINTAIN A CLEAN, UNDAMAGED SET OF CONTRACT DOCUMENTS MARKED TO SHOW THE ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THE DOCUMENTS. SUCH DRAWINGS SHALL BECOME

THE CONTRACTOR WARRANTS TO THE OWNER THAT ALL MATERIALS AND EQUIPMENT INCORPORATED IN THE WORK IS NEW UNLESS OTHERWISE SPECIFIED, AND THAT THE WORK IS OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS IN MATERIALS AND WORKMANSHIP, AND IN CONFORMANCE WITH CONTRACT DOCUMENTS.

IN ADDITION, THE CONTRACTOR HEREBY WARRANTS TO THE OWNER COEXTENSIVELY WITH A SPECIAL WARRANTY REQUIRED OF SUBCONTRACTORS OR SUPPLIERS BY THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL OBTAIN ORIGINAL COPIES OF SPECIAL WARRANTIES REQUIRED OF SUBCONTRACTORS OR SUPPLIERS AND SHALL INCLUDE THESE WARRANTIES WITH THE CLOSEOUT DOCUMENTS PROVIDED TO THE OWNER. IF, WITHIN ONE YEAR AFTER THE DATE OF FULL AND FINAL ACCEPTANCE OR SUCH LONGER PERIOD OF TIME AS MAY BE PRESCRIBED BY LAW OR BY THE TERMS OF ANY APPLICABLE CONTRACT DOCUMENTS, ANY OF THE WORK IS FOUND BY THE OWNER TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CORRECT THE DEFECTIVE OR NON-CONFORMING WORK PROMPTLY AFTER RECEIPT OF NOTICE FROM THE TENANT TO DO SO. THE OWNER WILL GIVE SUCH NOTICE PROMPTLY AFTER DISCOVERY OF THE CONDITION.

DIVISION 02 - SITE WORK

NOT USED

DIVISION 03 - CONCRETE

NOT USED

DIVISION 04 - MASONRY

NOT USED

DIVISION 05 - METALS SECTION 05030 - METAL COATINGS

ALL FINISHED 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.

SECTION 05580 - SHEET METAL FABRICATIONS

ALL EXPOSED EDGES AND CORNERS ARE TO BE GROUND SMOOTH AND PREPARED FOR CLEAR FINISH COATINGS. THE CONTRACTOR SHALL PROVIDE FINISHED SAMPLES TO THE ARCHITECT FOR REVIEW AND APPROVAL. ALL STAINLESS STEEL SHEET PANELS FOR KITCHEN, SCULLERY AND PREP AREAS ARE TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

DIVISION 06 - WOOD AND PLASTICS

SECTION 06100 - ROUGH CARPENTRY

THE CONTRACTOR SHALL PROVIDE SOLID WOOD BLOCKING IN PARTITIONS BEHIND ALL WALL-MOUNTED MILLWORK, SHELVING STANDARDS, CABINETS, WALL STOPS, ETC., SECURELY ATTACHED TO EXISTING OR NEW STUDS. ALL PLYWOOD SHALL CONFORM TO APA PLYWOOD DESIGN SPECIFICATIONS PDS, LATEST EDITION. ALL MEDIUM-DENSITY FIBERBOARD SHALL BE FORMALDEHYDE-FREE, MANUFACTURED WITH PMDI BINDERS.

SECTION 06150 - WOOD PANELING

THE GENERAL CONTRACTOR SHALL PROVIDE A COMPLETE MOCK-UP OF 'WD1 & WD3' INDICATED ON THE CONTRACT DOCUMENTS. THE MOCK-UP SHALL BE A MINIMUM OF 48" WIDE BY 48" TALL AND SHOULD INDICATE THE TYPICAL FASTENING SYSTEM. ALL WOOD IS TO BE ADEQUATELY ACCLIMATED PRIOR TO MOCK-UP AND FINAL INSTALLATION. SUBMITTALS:

IN ACCORDANCE WITH SECTION 01300.

PROVIDE A MINIMUM OF 4 'WD1 & WD3' SAMPLES WITH FINISH STAIN AND SEAL.

SECTION 06400 - ARCHITECTURAL MILLWORK

ALL MILLWORK SHALL BE ARCHITECTURAL WOODWORK INSTITUTE (A.W.I.) CUSTOM GRADE, MANUFACTURED OR FABRICATED IN FULL COMPLIANCE WITH THE MOST CURRENT EDITION OF A.W.I. "QUALITY STANDARDS." MILLWORK SUBMITTALS: THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS AND FINISH MATERIAL SAMPLES TO THE ARCHITECT FOR REVIEW AND APPROVAL. REFER TO SECTION 01300. SHOP DRAWINGS SHALL SHOW THE LOCATION OF EACH ITEM WITH FIELD-VERIFIED DIMENSIONED PLANS, ELEVATIONS, LARGE SCALE SECTIONS AND DETAILS SHOWING LOCATIONS OF INTERNAL AND FIELD JOINTS, ATTACHMENT DEVICES AND PLASTIC LAMINATE OR VENEER JOINTS, TYPICAL DETAIL TREATMENTS AND ANY COMPONENTS AND/OR HARDWARE (WITH SPECIFICATIONS AND PRODUCT INFORMATION). IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DESIGN-BUILD SUPPORTING FRAMING FOR CASEWORK ASSEMBLIES TO ENSURE STRUCTURAL INTEGRITY.

ALL ARCHITECTURAL MILLWORK SHALL BE FABRICATED WITH FORMALDEHYDE-FREE COMPONENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE SUBMITTED HARDWARE IS APPROPRIATE FOR DESIGNED CASEWORK ASSEMBLY OPERATION.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

NOT USED



INFO@DAKECOLLABORATIVE.COM

Ш

NO.	DESCRIPTION	DATE

SPECIFICATIONS

A O O A	4
Checked by	ME
Drawn by	ME
Date	04.19.2024

12'' = 1'-0''

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

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.W.I. 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.

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.

PROVIDE FULL-SCALE MOCK-UPS TO VERIFY SELECTIONS FOR TENANT AND ARCHITECT REVIEW.

WATERPROOF MEMBRANE: 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.

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

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

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

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 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

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 'WD1' 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.

INDICATED FOR PROJECT WHEN OCCUPIED FOR ITS INTENDED USE.

MANUFACTURER QUALIFICATIONS: OBTAIN ROLLER SHADES THROUGH OWNER.

ENVIRONMENTAL LIMITATIONS: INSTALL ROLLER SHADES AFTER FINISH WORK INCLUDING PAINTING IS COMPLETE AND AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT THE LEVELS

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

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.



INFO@DAKECOLLABORATIVE.COM

Ш

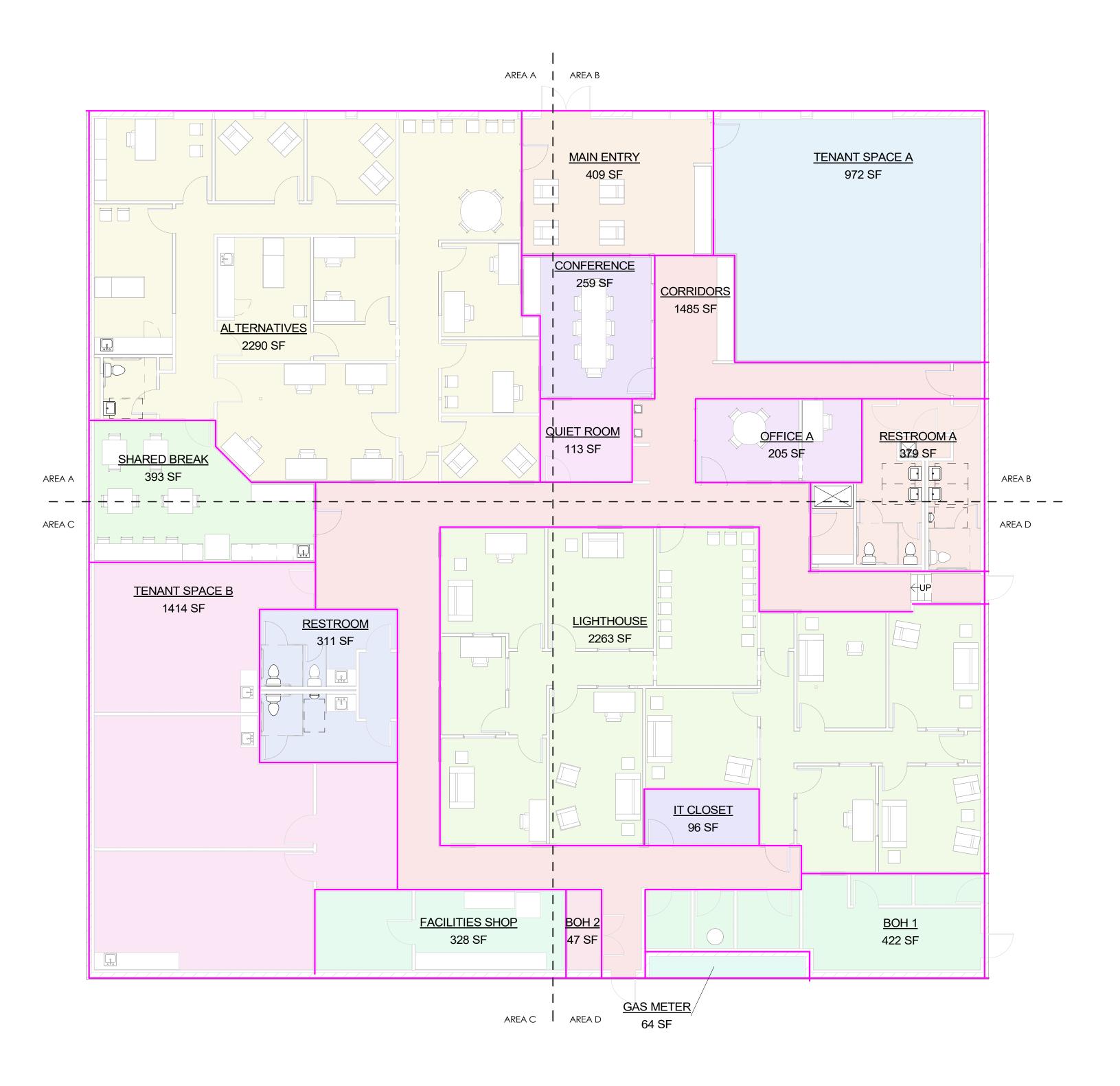


NO.	DESCRIPTION	DATE

SPECIFICATIONS

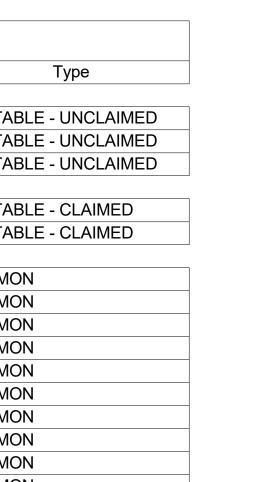
04.19.2024 Drawn by MD Checked by

12'' = 1'-0'' Scale



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

AREA SCHEDULE				
Name	Area	Туре		
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		





CENTER THE WELLNESS



NO.	DESCRIPTION	DATE

AREA PLAN & 3D VIEWS

Date	04.19.202
Drawn by	M
Checked by	M

A801

1/8" = 1'-0" Scale

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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.
CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

DEMOLITION FLOOR PLAN - AREA A

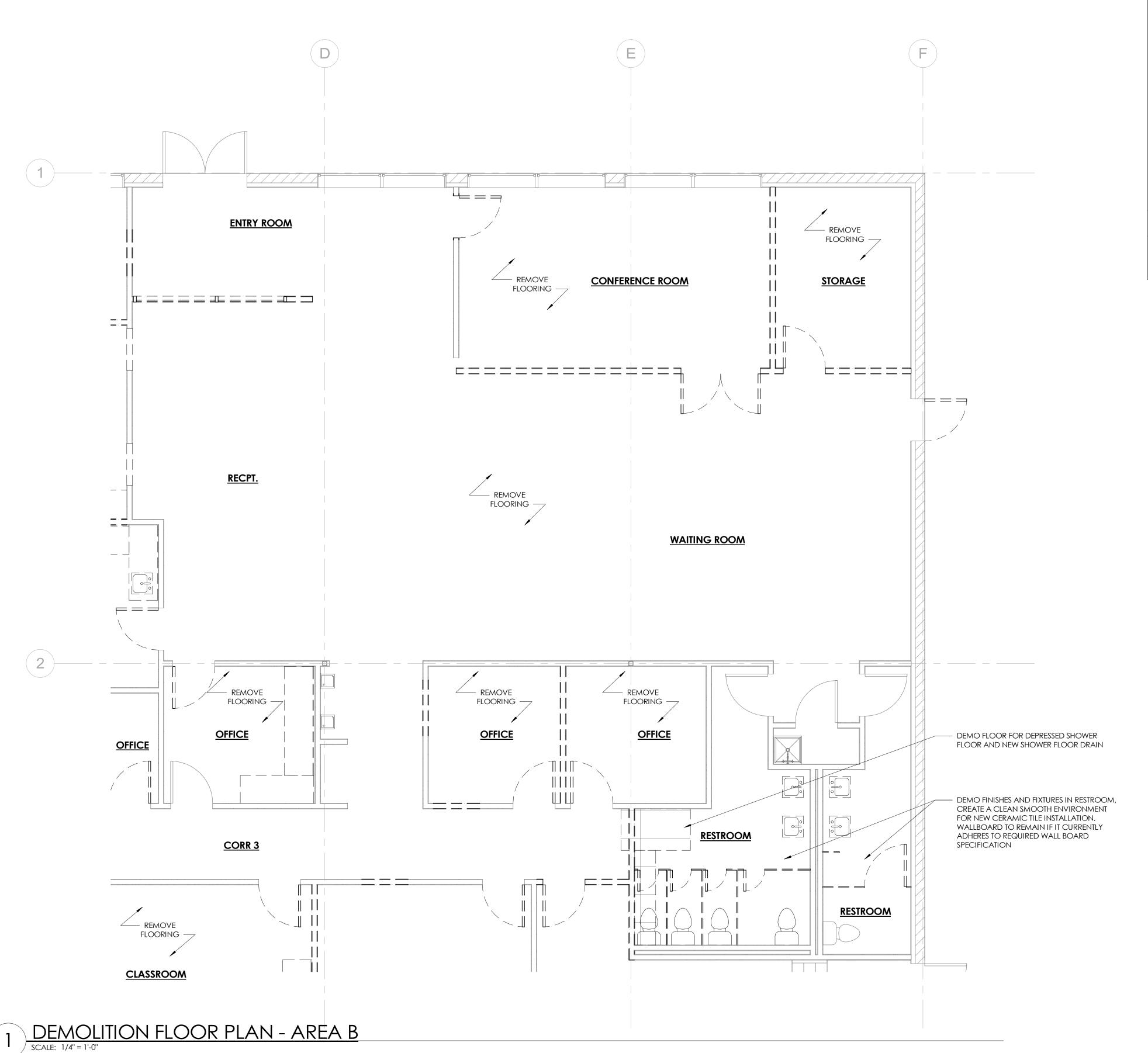
Date 04.19.2024
Drawn by MD
Checked by MD

AD101-A

Scale

As indicated

05/01/2024 4:58:23 PM



- 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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.

CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

'HE WELLNESS CENTER

NO.	DESCRIPTION	DATE

DEMOLITION FLOOR PLAN - AREA B

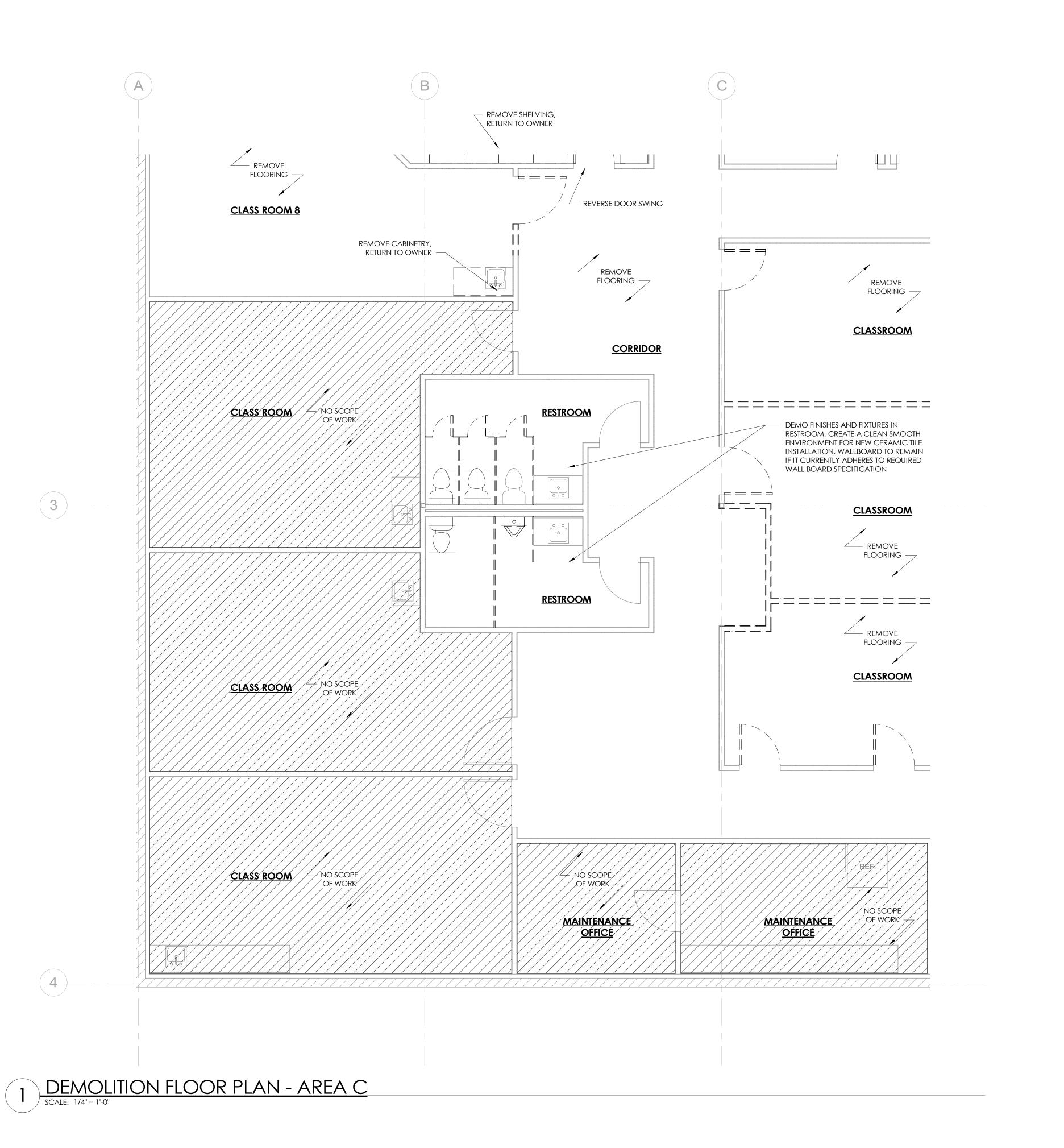
Date	04.19.2024
Drawn by	MD
Checked by	MD

AD101-B

Scale

As indicated

05/01/2024 4:58:24 PM



- 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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.
CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

THE WELLNESS CENTE



NO.	DESCRIPTION	DATE

DEMOLITION FLOOR PLAN - AREA C

Date 04.19.2024

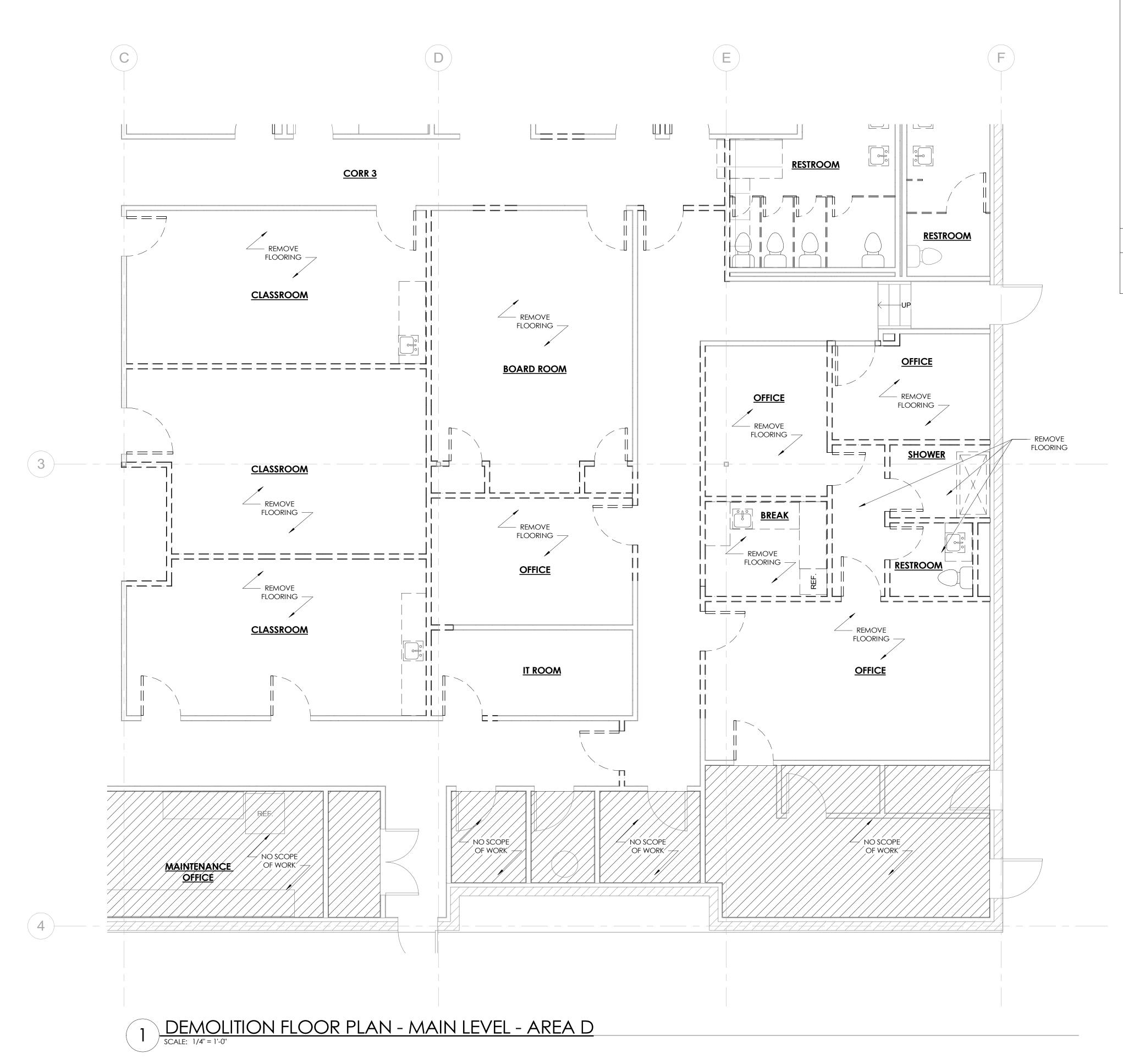
Drawn by MD

Checked by MD

AD101-C

As indicated

01/2024 4:58:24 PM



- 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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.
CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

HE WELLNESS CENTER



NO.	DESCRIPTION	DATE

DEMOLITION FLOOR PLAN - AREA D

Date 04.19.2024

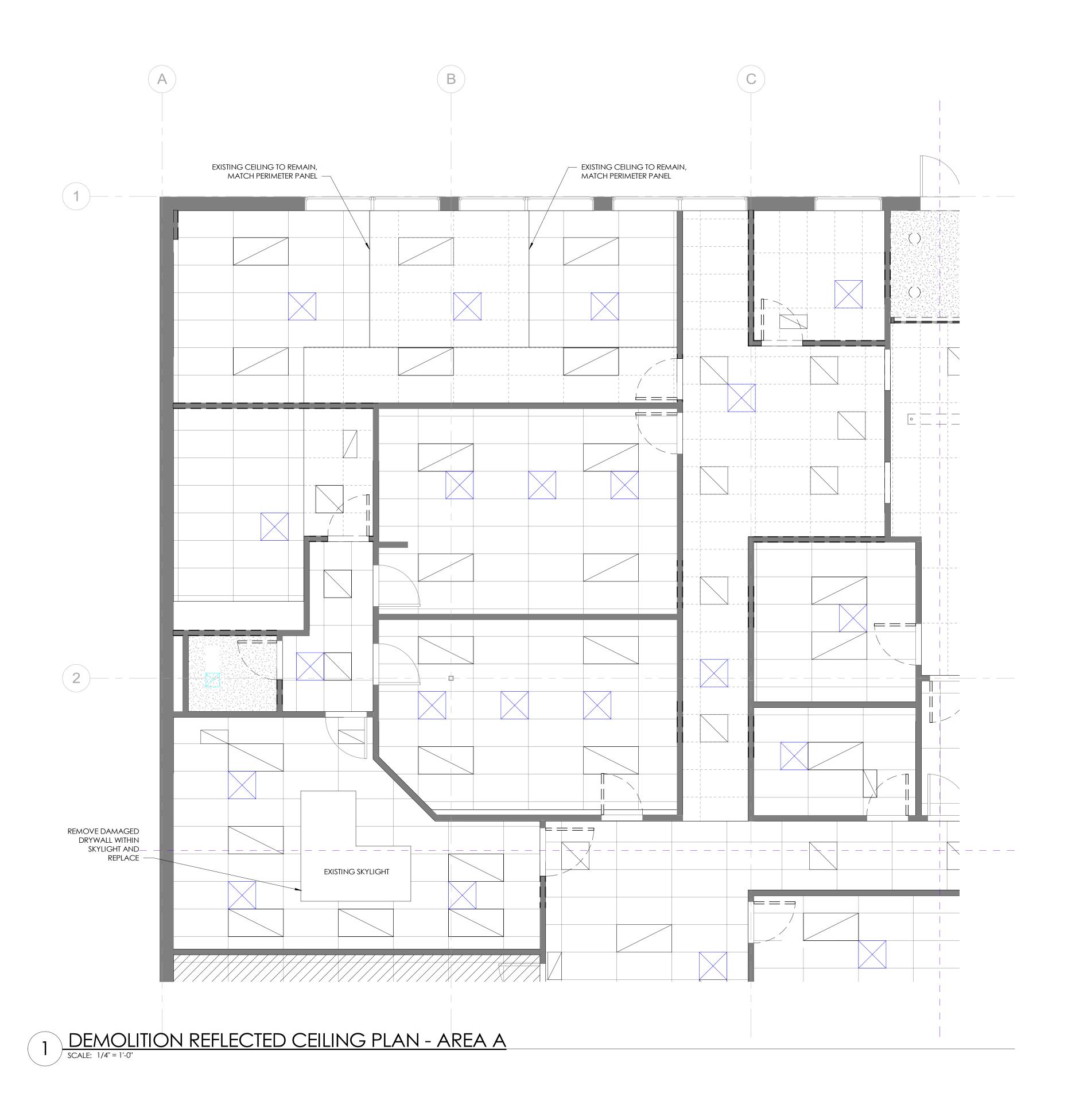
Drawn by MD

Checked by MD

AD101-D

As indicated

05/01/2024 4:58:25 PM



- 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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.

CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

HE WELLNESS CENTER



NO.	DESCRIPTION	DATE

DEMOLITION CEILING PLAN - AREA A

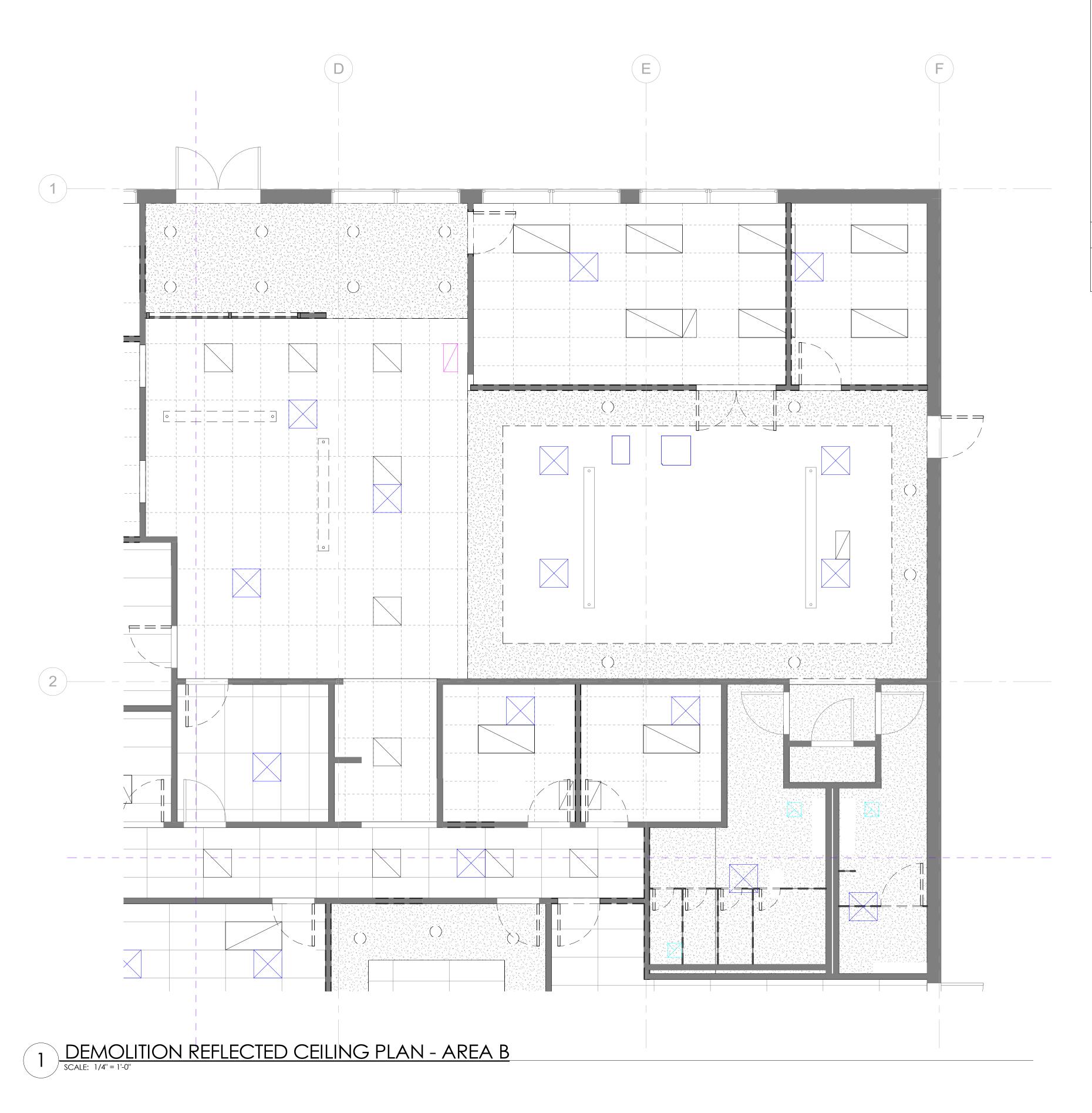
Date	04.19.2024
Drawn by	MD
Checked by	MD

Scale

AD102-A

As indicated

5/01/2024 4:58:25 PM



- 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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.
CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

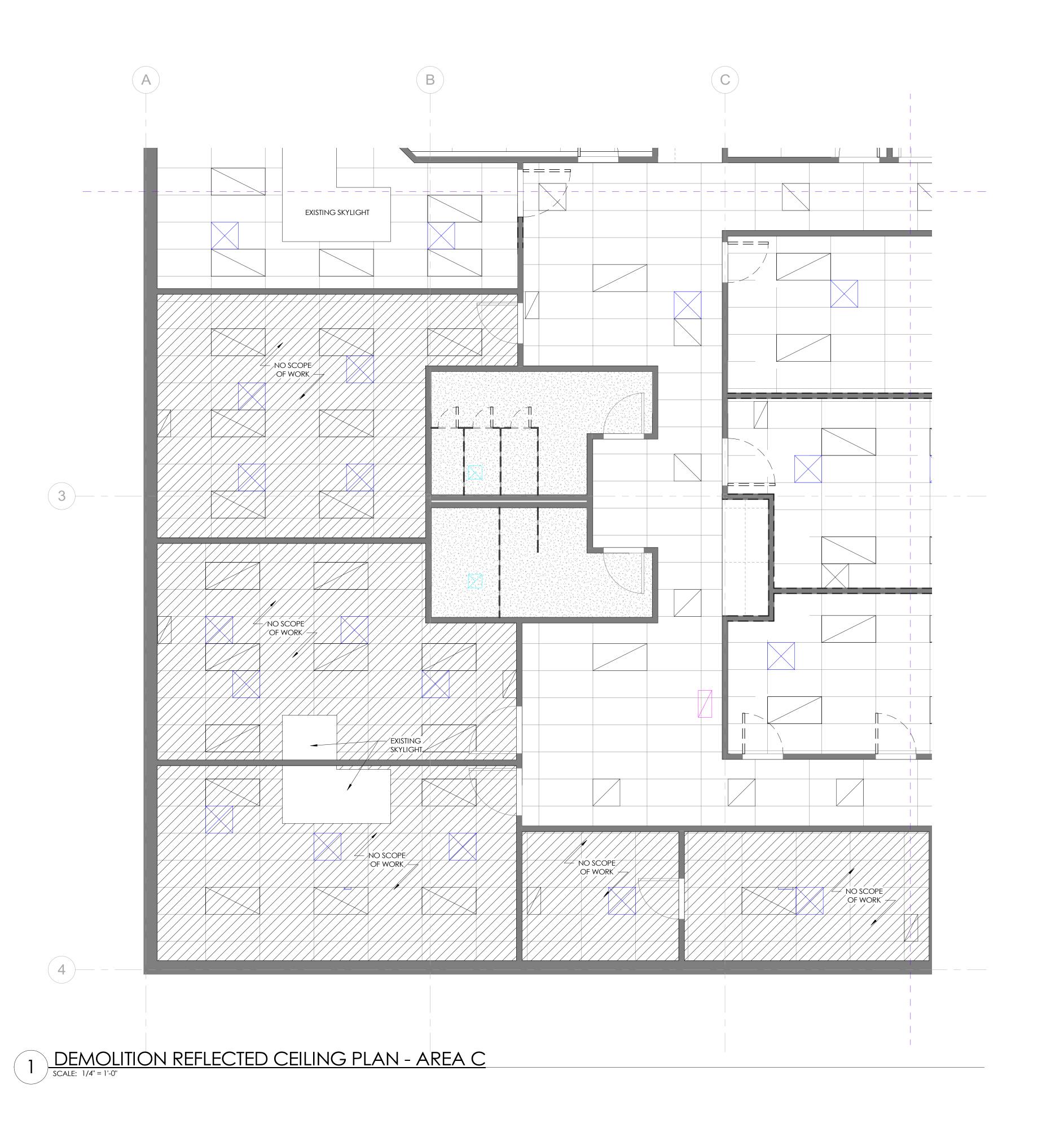
DEMOLITION CEILING PLAN - AREA B

Date 04.19.2024

Drawn by MD

Checked by MD

AD102-B



- 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, CABINETRY, 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.
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.
CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

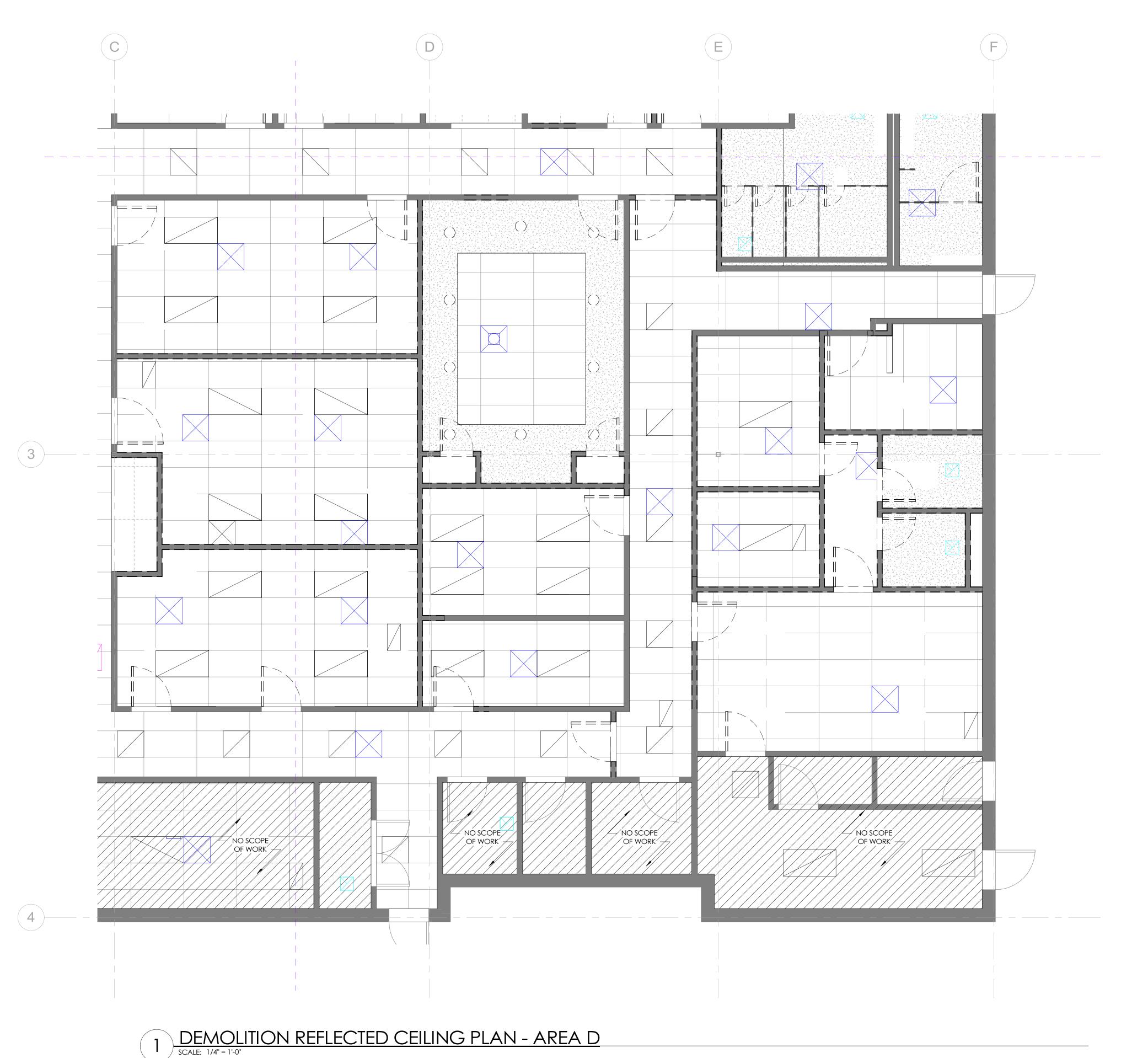
DEMOLITION CEILING PLAN - AREA C

Date 04.19.2024

Drawn by MD

Checked by AD

AD102-C



- 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, CABINETRY, 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
- 2. THE CONTRACTOR SHALL REMOVE EXISTING WALLS AND OTHER ASSOCIATED CONSTRUCTION AS INDICATED ON THE DEMOLITION PLANS WITH DASHED LINES.
- 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, WEATHER BARRIERS, AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE TENANT, BUILDING OCCUPANTS, AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION.
- 4. THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT AREAS BY DEMOLITION WORK.
- 5. ALL EXISTING SECURITY AND FIRE ALARM/SUPPRESSION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ANY DEVICES IN WALLS OR CEILINGS TO BE DEMOLISHED.
- 6. THE CONTRACTOR SHALL INFILL EXISTING WALLS AS INDICATED WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING CONDITIONS.
- 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 DEMOLISHIED.
CONTRACTOR TO VERIFY



INFO@DAKECOLLABORATIVE.COM

THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

DEMOLITION CEILING PLAN - AREA D

Date 04.19.2024

Drawn by MD

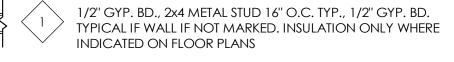
Checked by MD

AD102-D



- 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
- 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:



INTERIOR FURRING PARTITION

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></varies>
D5	PANEL	2' - 10''	7' - 0''	4	
01	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	



INFO@DAKECOLLABORATIVE.COM

ENTE ENTE VELLNE 뿔

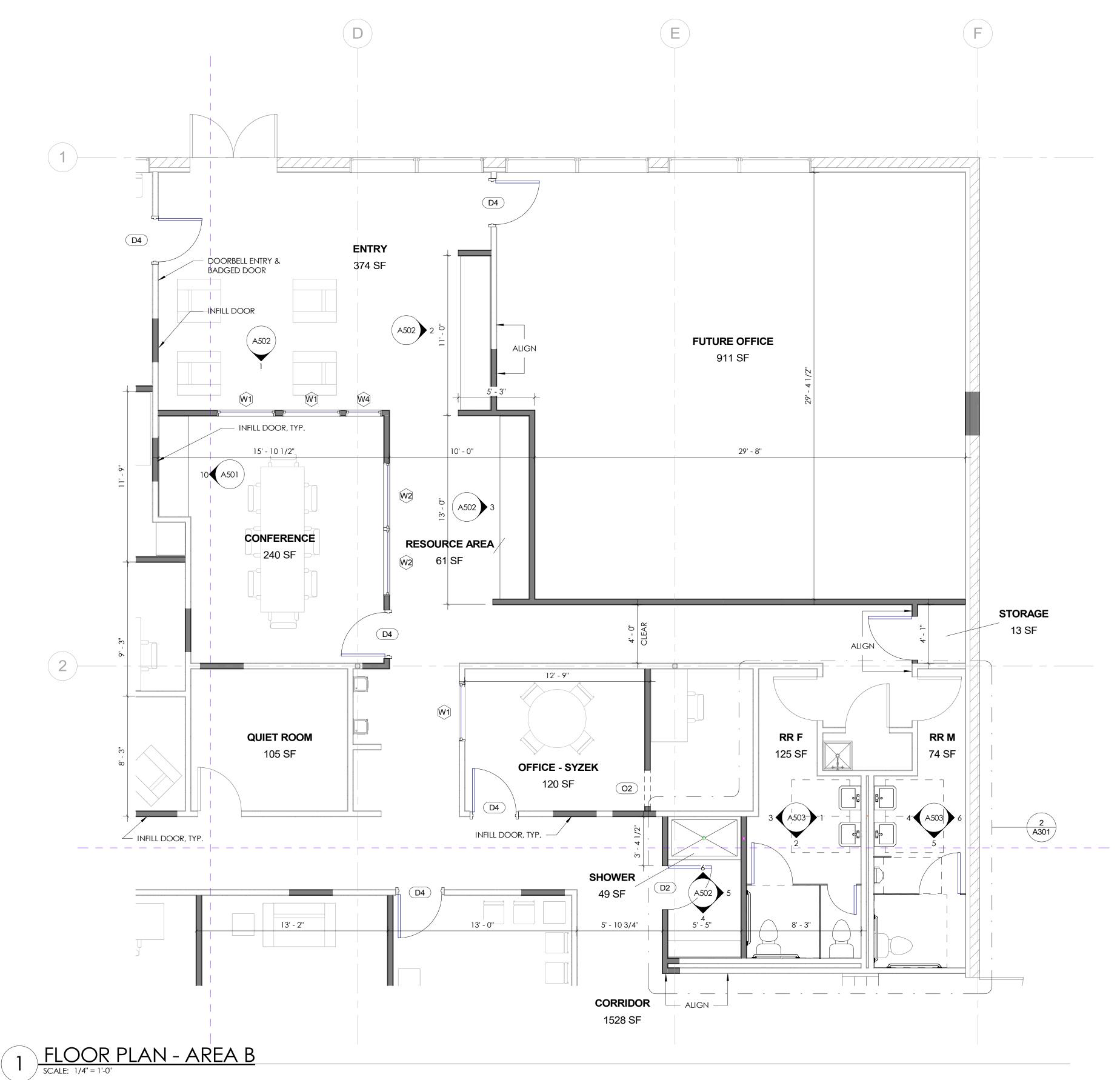
NO.	DESCRIPTION	DATE

FLOOR PLAN -AREA A

04.19.2024 Drawn by Checked by

A101-A

Scale



- 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
- 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.

INTERIOR WALL:

9. ALL SINKS 1'-3" MIN. AWAY FROM WALL PER CODE. 10. ALL WATER CLOSETS 1'-3" MIN. AWAY FROM WALL PER CODE.



INFO@DAKECOLLABORATIVE.COM

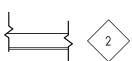
PARTITION TYPES



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







2X4 METAL STUD, 1/2" GYPSUM WALL BOARD

	DOC	OR SO	CHEC	DULE	
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></varies>
D5	PANEL	2' - 10"	7' - 0''	4	
01	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			

出



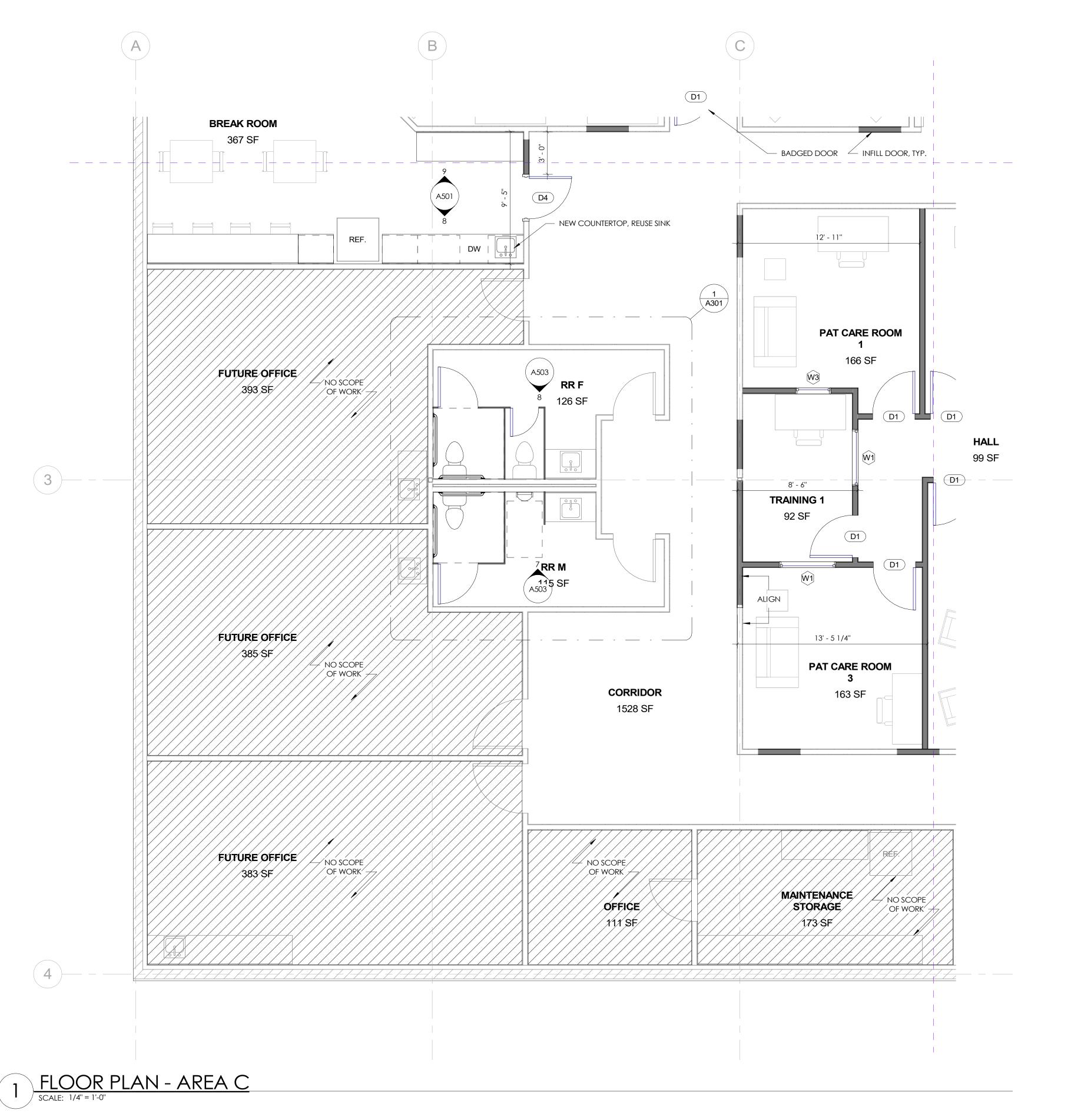
NO.	DESCRIPTION	DATE

FLOOR PLAN -AREA B

Date	04.19.2024
Drawn by	MD
Checked by	MD

Scale

A101-B



- 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.

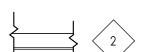
 10. ALL WATER CLOSETS 1'-3" MIN. AWAY FROM WALL PER CODE.

PARTITION TYPES

INTERIOR WALL:



1/2" 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

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></varies>
D5	PANEL	2' - 10''	7' - 0''	4	
01	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	



INFO@DAKECOLLABORATIVE.COM

ENTER VELLNE



NO.	DESCRIPTION	DATE

FLOOR PLAN -AREA C

04.19.2024 Drawn by Checked by

A101-C



- 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
- 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:



1/2" 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

>	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></varies>	
D5	PANEL	2' - 10''	7' - 0''	4		
01	OPENING	3' - 6"	7' - 0''	2		
O2	OPENING	0' - 0''	0' - 0''	1		
О3	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			



INFO@DAKECOLLABORATIVE.COM

ENTE **JELLNE** 뿔

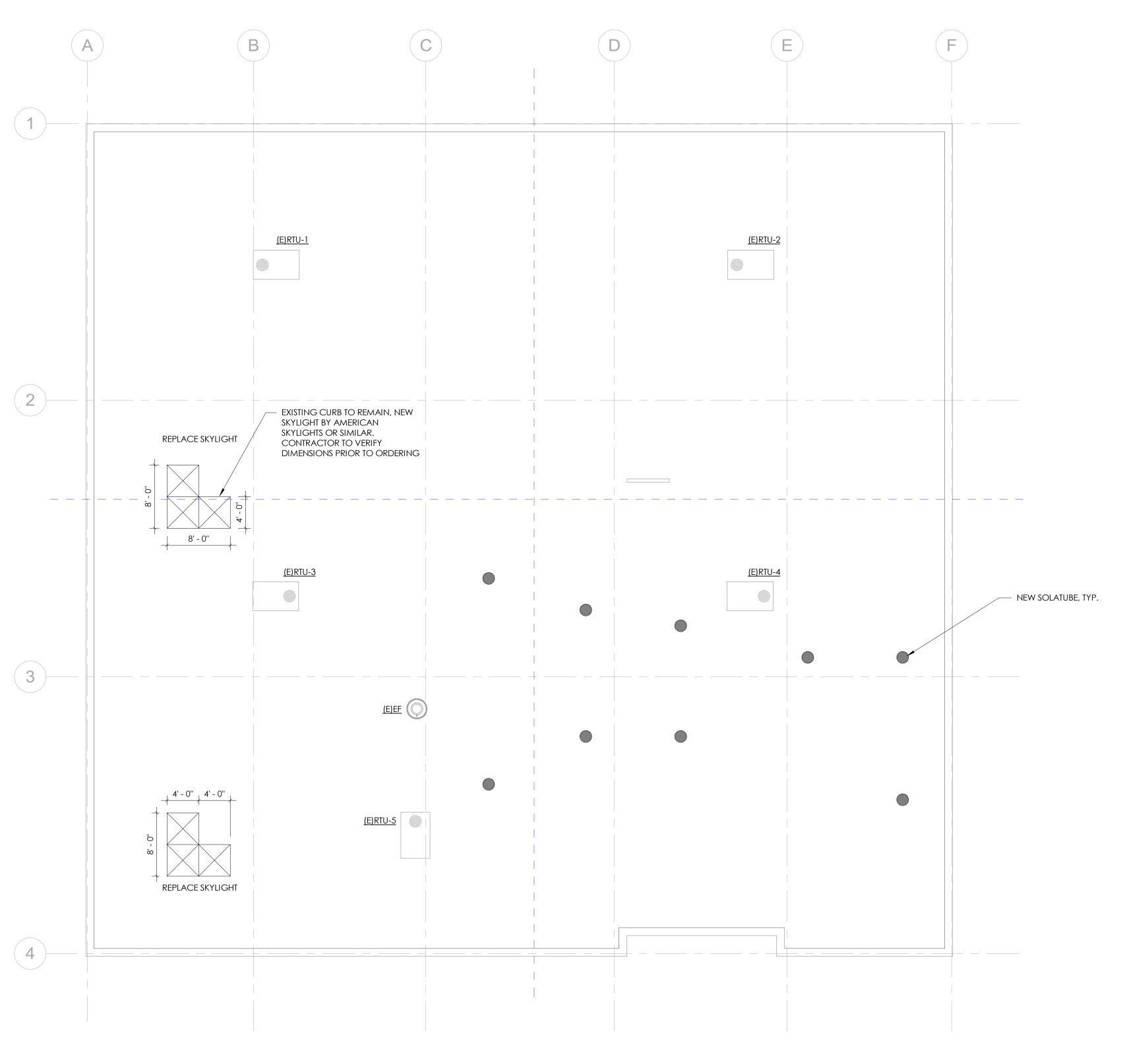
NO.	DESCRIPTION	DATE

FLOOR PLAN -AREA D

Date	04.19.2024
Drawn by	MD
Checked by	MD

A101-D

Scale







THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

ROOF PLAN

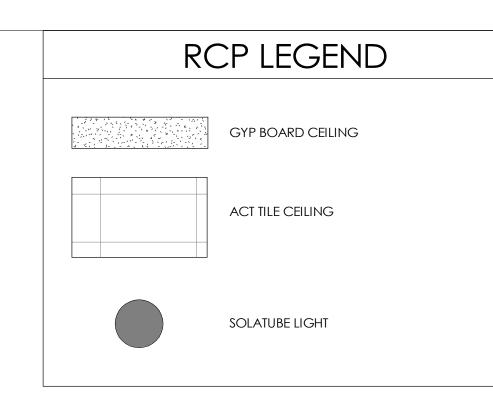
A 1 C	12
Checked by	MD
Drawn by	MD
Date	04.19.2024

A103

Scale

1/8" = 1'-0"







THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

REFLECTED CEILING PLANS - AREA A

Date 04.19.2024

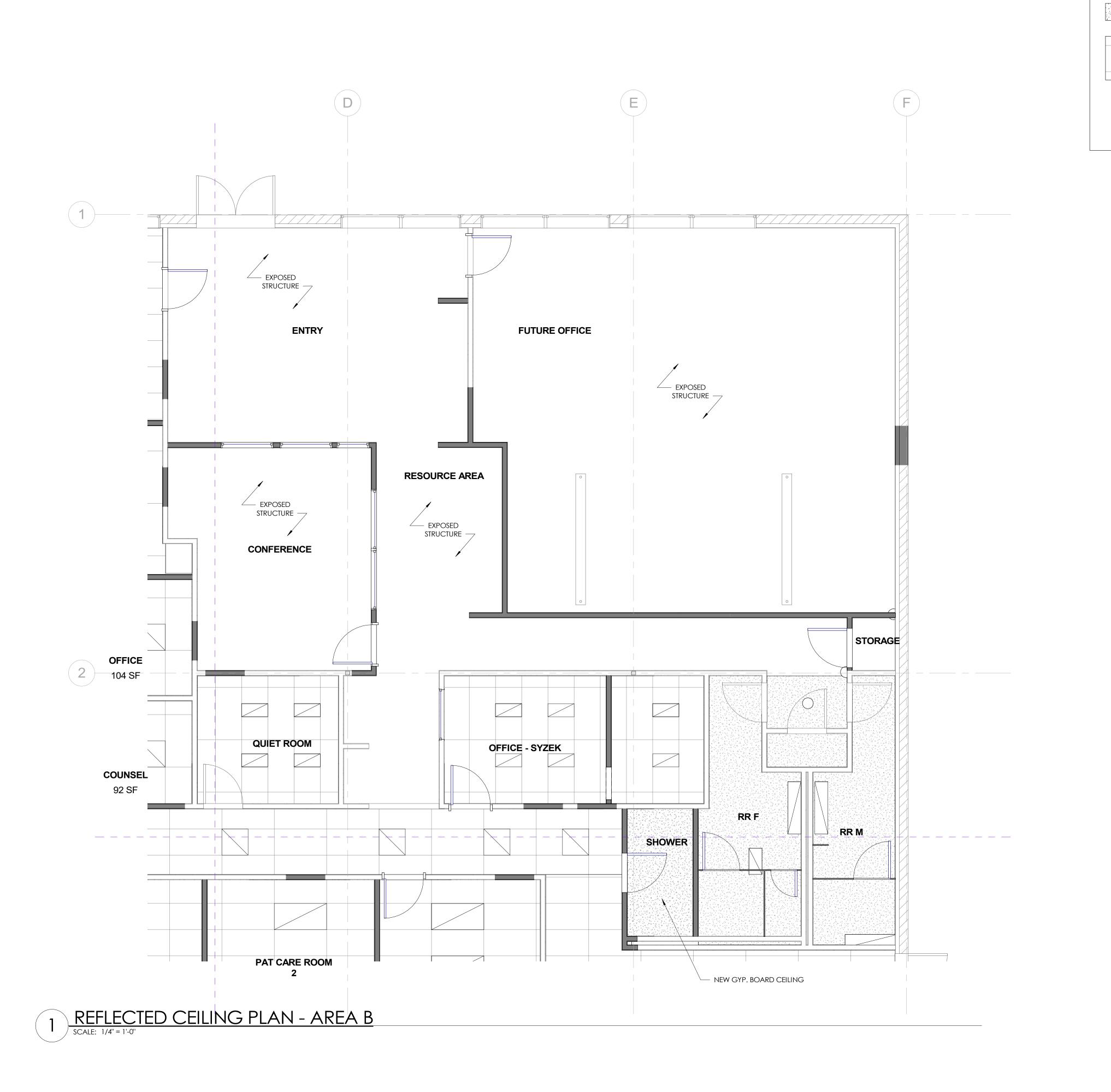
Drawn by MD

Checked by MD

Scale

A201-A

1/4" = 1'-0"





CENTER THE WELLNESS



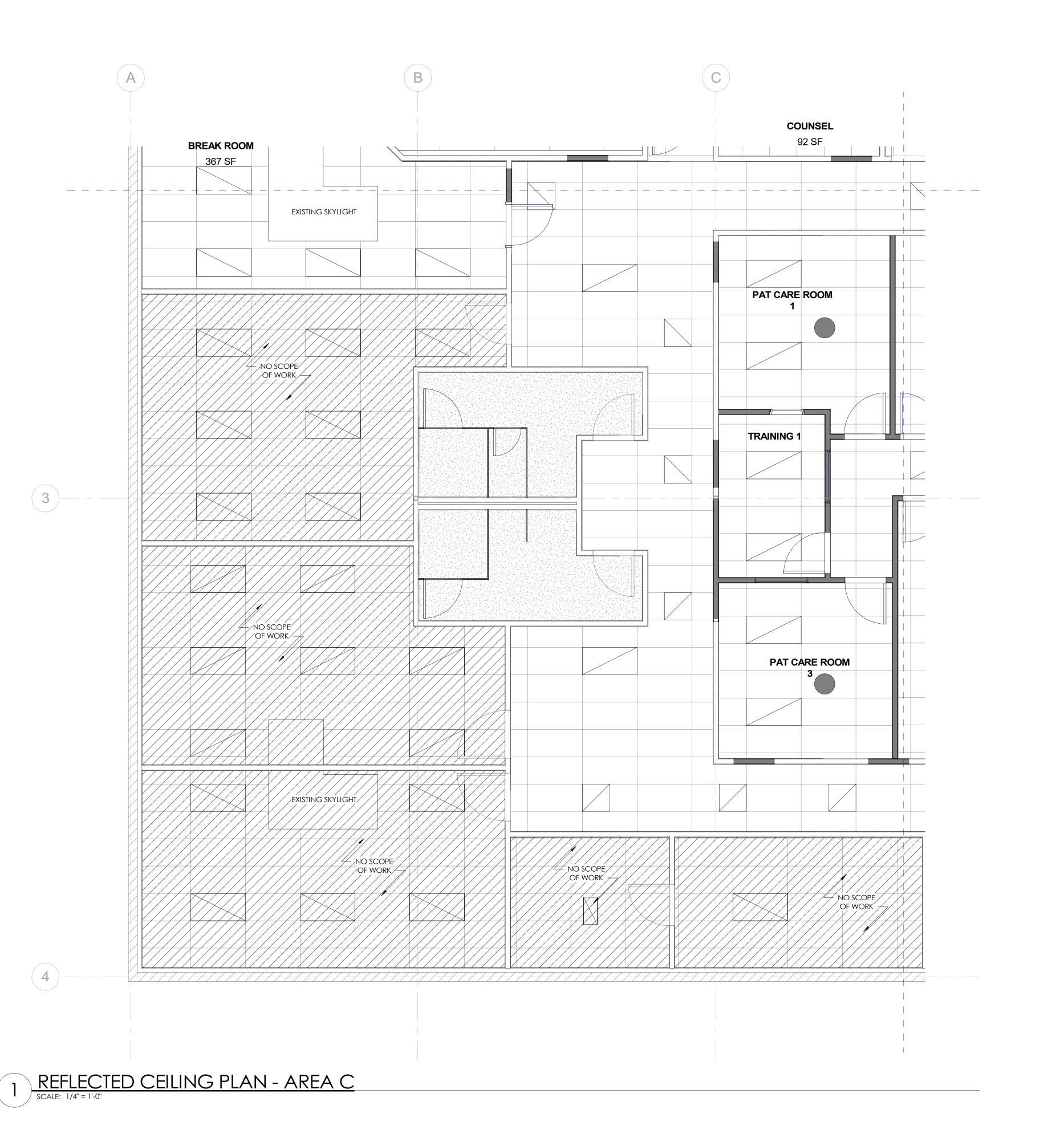
NO.	DESCRIPTION	DATE

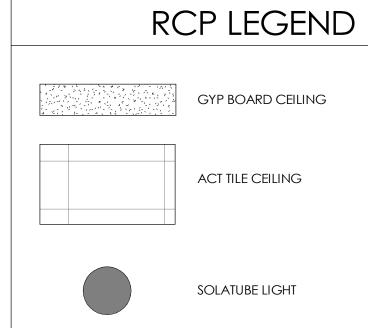
REFLECTED CEILING PLANS - AREA B

∧ 2∩1	D
Checked by	MD
Drawn by	MD
Date	04.19.2024

Scale

1/4" = 1'-0"







WELLNESS CENTER



DESCRIPTION	DATE
	DESCRIPTION

REFLECTED CEILING PLANS - AREA C

Date 04.19.2024

Drawn by MD

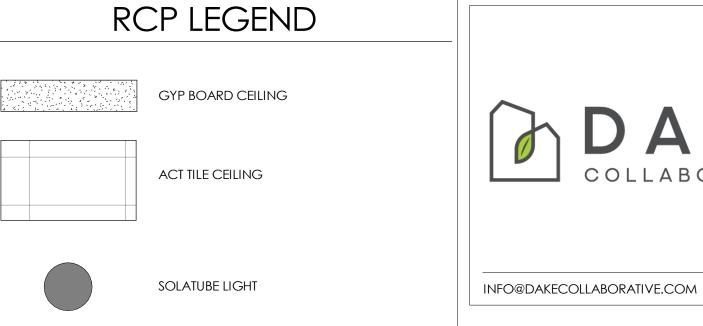
Checked by MD

A201-C

Scale 1/4" = 1'-0"

05/01/2024 4:58:31 PM







CENTER WELLNESS



NO.	DESCRIPTION	DATE

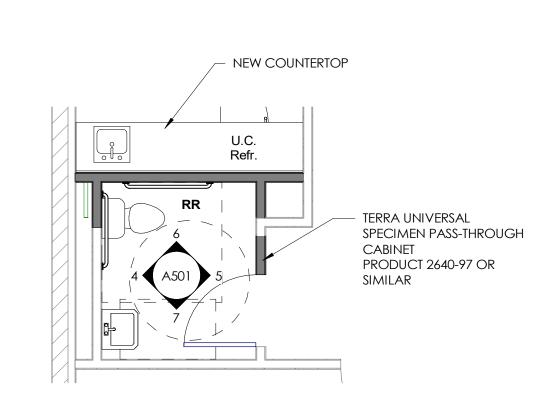
REFLECTED CEILING PLANS - AREA D

Date	04.19.2024
Drawn by	MD
Checked by	MD

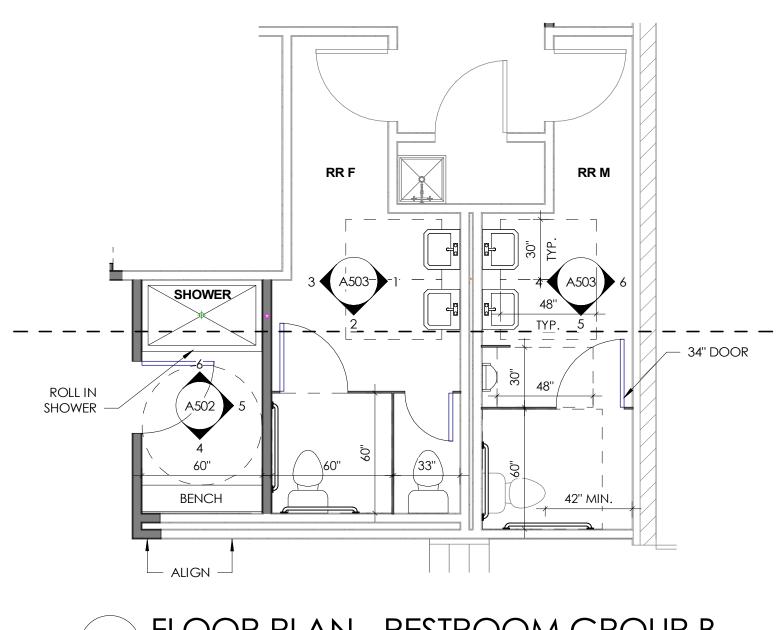
Scale

A201-D

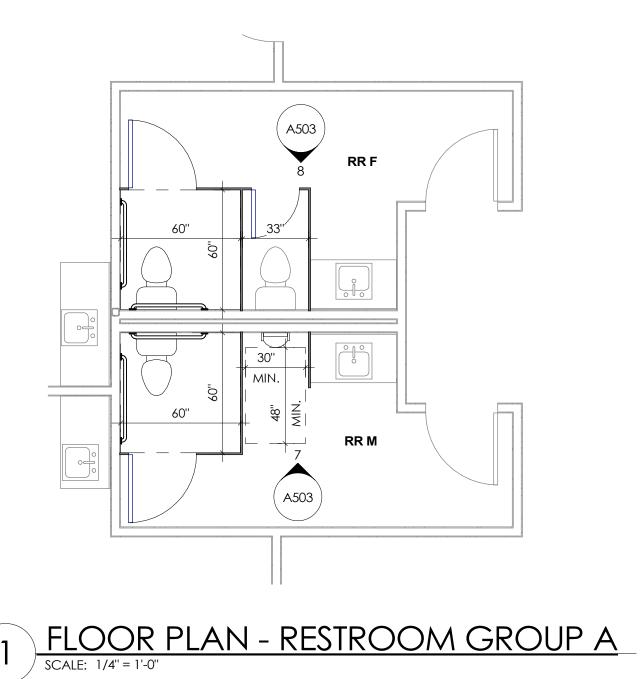
1/4" = 1'-0"













CENTER



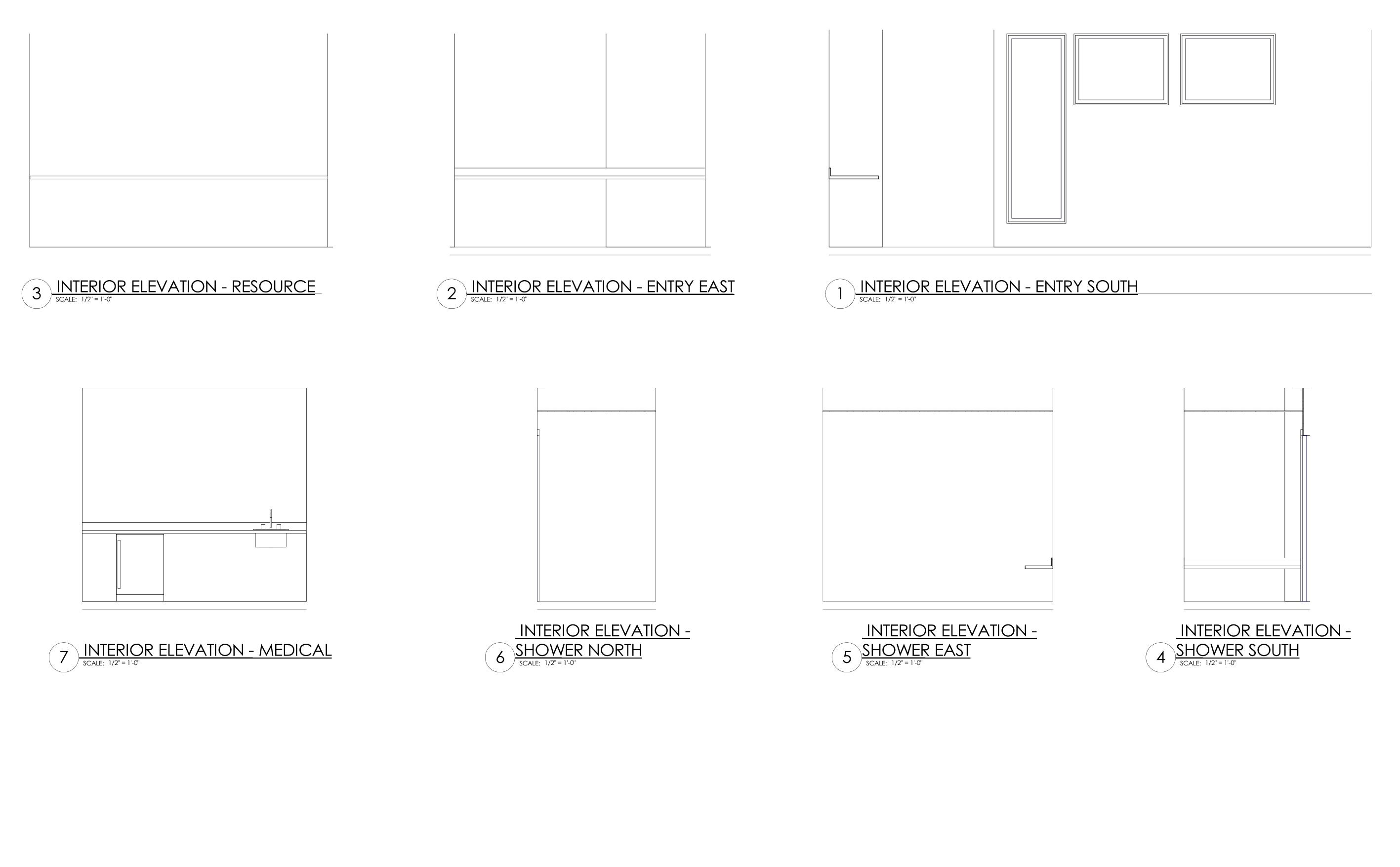
NO.	DESCRIPTION	DATE

ENLARGED PLANS

04.19.2024 Drawn by Checked by A301

Scale

1/4'' = 1'-0''





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

ORADO LICENSIA DA PRIMERO DE LA CHITECTO DE LA CHIT

NO.	DESCRIPTION	DATE

INTERIOR ELEVATIONS

Date 04.19.2024

Drawn by MD

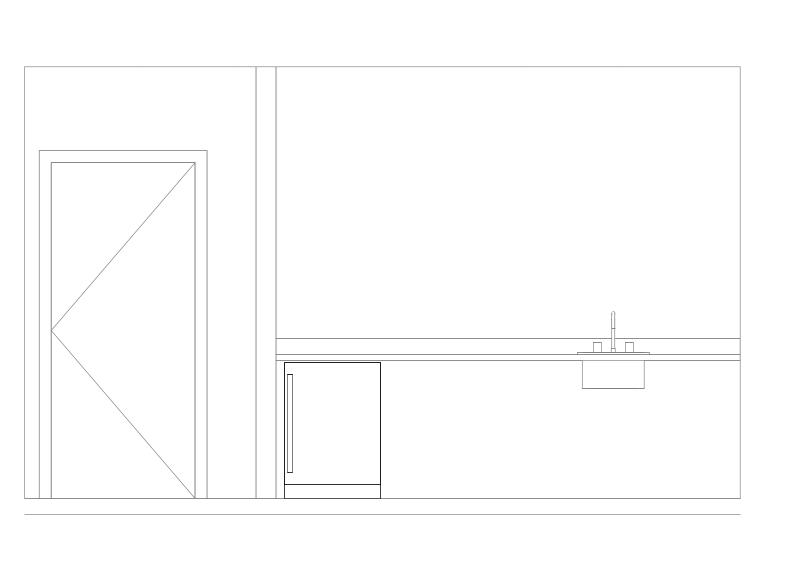
Checked by MD

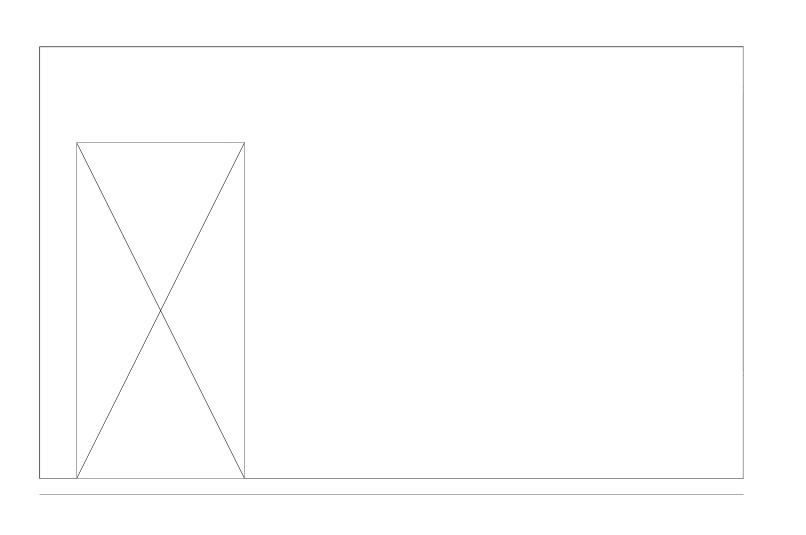
A502

Scale

1/2"-

1/2" = 1'-0"





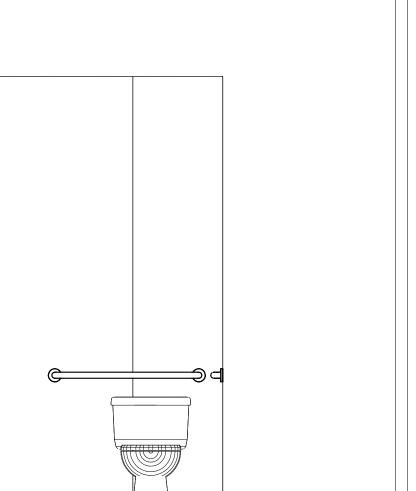


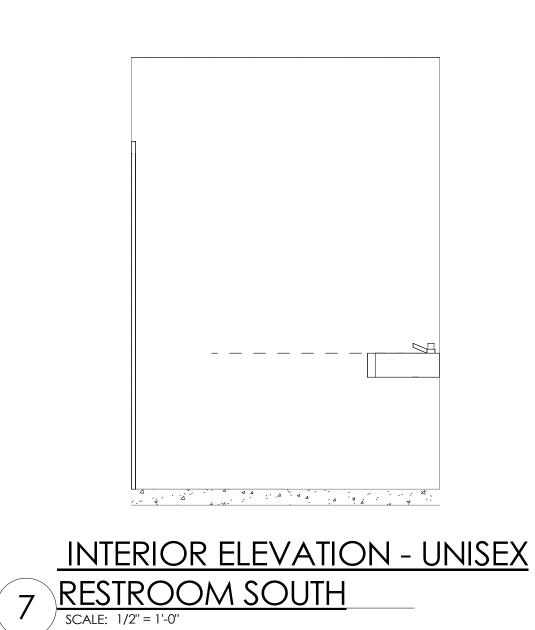


3 INTERIOR ELEVATION - MEDICAL CLINIC
SCALE: 1/2" = 1'-0"

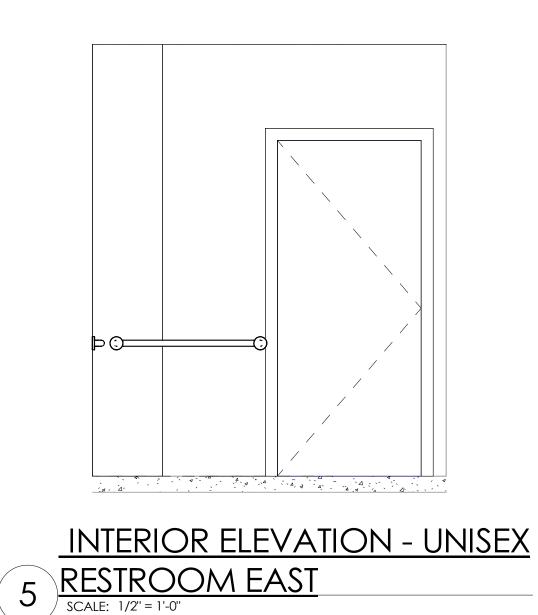
2 INTERIOR ELEVATION - WAITING ROOM WEST
SCALE: 1/2" = 1'-0"

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

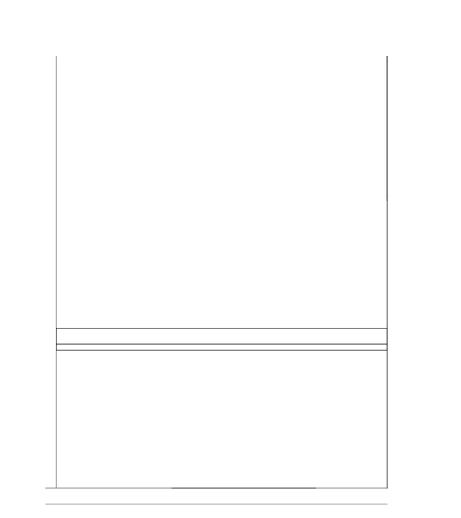


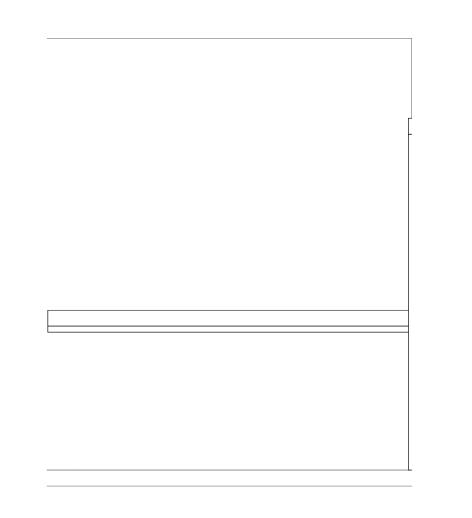


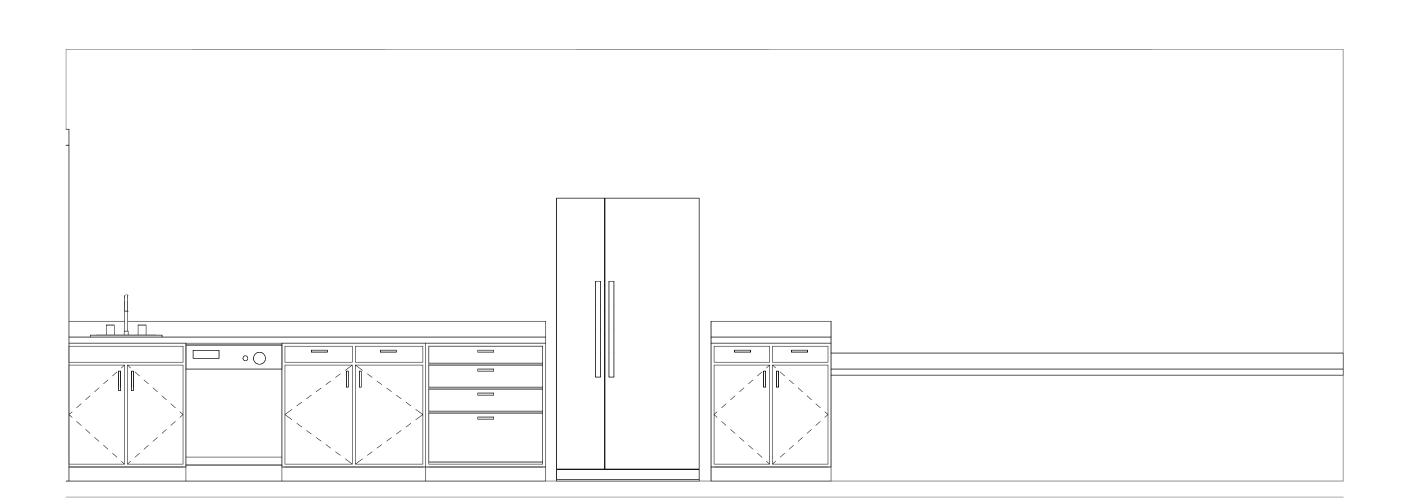














9 INTERIOR ELEVATION - BREAK
SCALE: 1/2" = 1'-0"





NO.	DESCRIPTION	DATE

INTERIOR ELEVATIONS

Date 04.19.2024

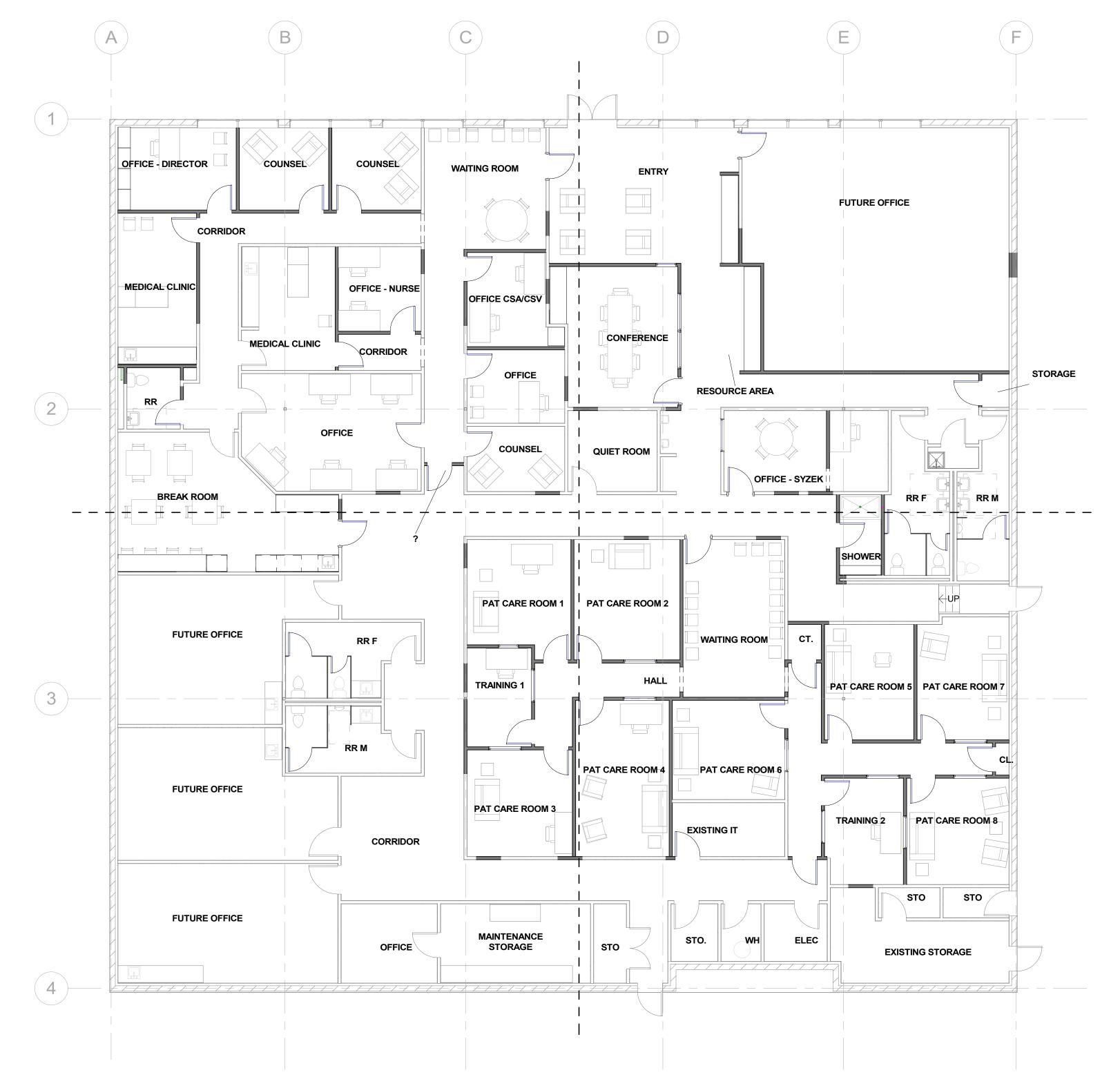
Drawn by MD

Checked by MD

Scale 1/2" = 1'-0"

01/2024 4:58:33 PM

	Г	INISH SCHEDU	, L L			
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"
FRAINING 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		83' - 4 1/2"
					PT-1	10' - 10"
CL.	6 SF	NONE ACT 1	RB-1	CONC		
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"



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

FINISH LEGEND

ACOUSTIAL CEILING TILE
MANUF: ARMSTRONG OR
ALT. PENDING APPROVAL
DIM: 2x2, SUSPENDED

RUBBER BASE MANUF: ROPPE PRODUCT: 2-1/2" STRAIGHT COLOR: TBD LIGHT WARM GREY

EXISTING CONCRETE TO REMAIN GRIND, POLISH, STAIN & STEEL EXISTING FLOOR SPEC TBD

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

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

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

PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT

> PAINT - INTERIOR MANUF: BENJAMIN MOORE PRODUCT: AURA INTERIOR PAINT

WET ROOM: SATIN

NOTES: ZERO VOCs, REFER TO

DRAWINGS FOR LOCATIONS

COLOR: LT WARM GREY FINISH: WALL: EGGSHELL CEILING: FLAT WET ROOM: SATIN NOTES: ZERO VOCs, REFER TO DRAWINGS FOR LOCATIONS

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

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

CARPET MANUF: TAN STYLE: SPUN (COLOR: PEW PRODUCT: 62

	L .		
	NO.	DESCRIPTION	DAT
CARPET			
MANUF: TANDUS CENTIVA			
STYLE: SPUN 03656			
COLOR: PEWTER TWINE 38206			
PRODUCT: 6298430011			
ANTRON LEGACY NYLON			
GOODS: MODULAR			

Scale

INFO@DAKECOLLABORATIVE.COM

CENTER

VELLNESS

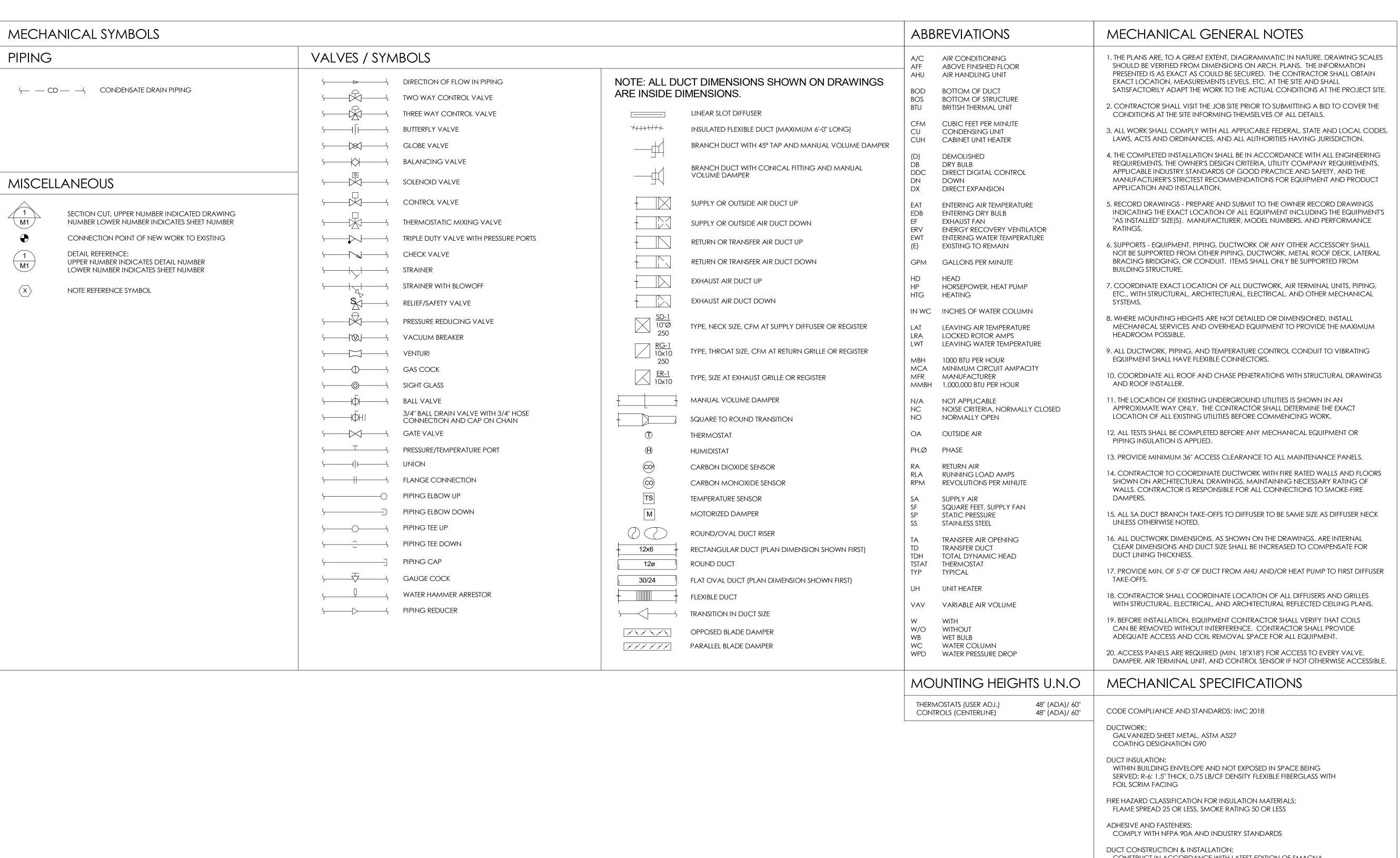
뿓

/ 80TH AVE STE 8)A, CO 80005

8250 W ARVAD

04.19.2024 MD Drawn by Checked by

A701





CONSTRUCT IN ACCORDANCE WITH LATEST EDITION OF SMACNA "HVAC DUCT CONSTRUCTION STANDARDS"

FLEXIBLE DUCTWORK: INSULATED PRESSURE RATING SUITABLE FOR APPLICATION. MAXIMUM LENGTH IS 5'



INFO@DAKECOLLABORATIVE.COM

Ш 80T A, C 出



NO.	DESCRIPTION	DATE

MECHANICAL LEGEND

04.19.2024 Drawn by Checked by

1" = 1'-0" Scale

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.

2. REBALANCE EXHAUST FAN TO ALIGN WITH NEW EXHAUST CFM RATES INDICATED ON PLANS.



INFO@DAKECOLLABORATIVE.COM

THE WELLNESS CENTER

05/08/24 ORADO LICENS OGANO SONAL ENGINEERS

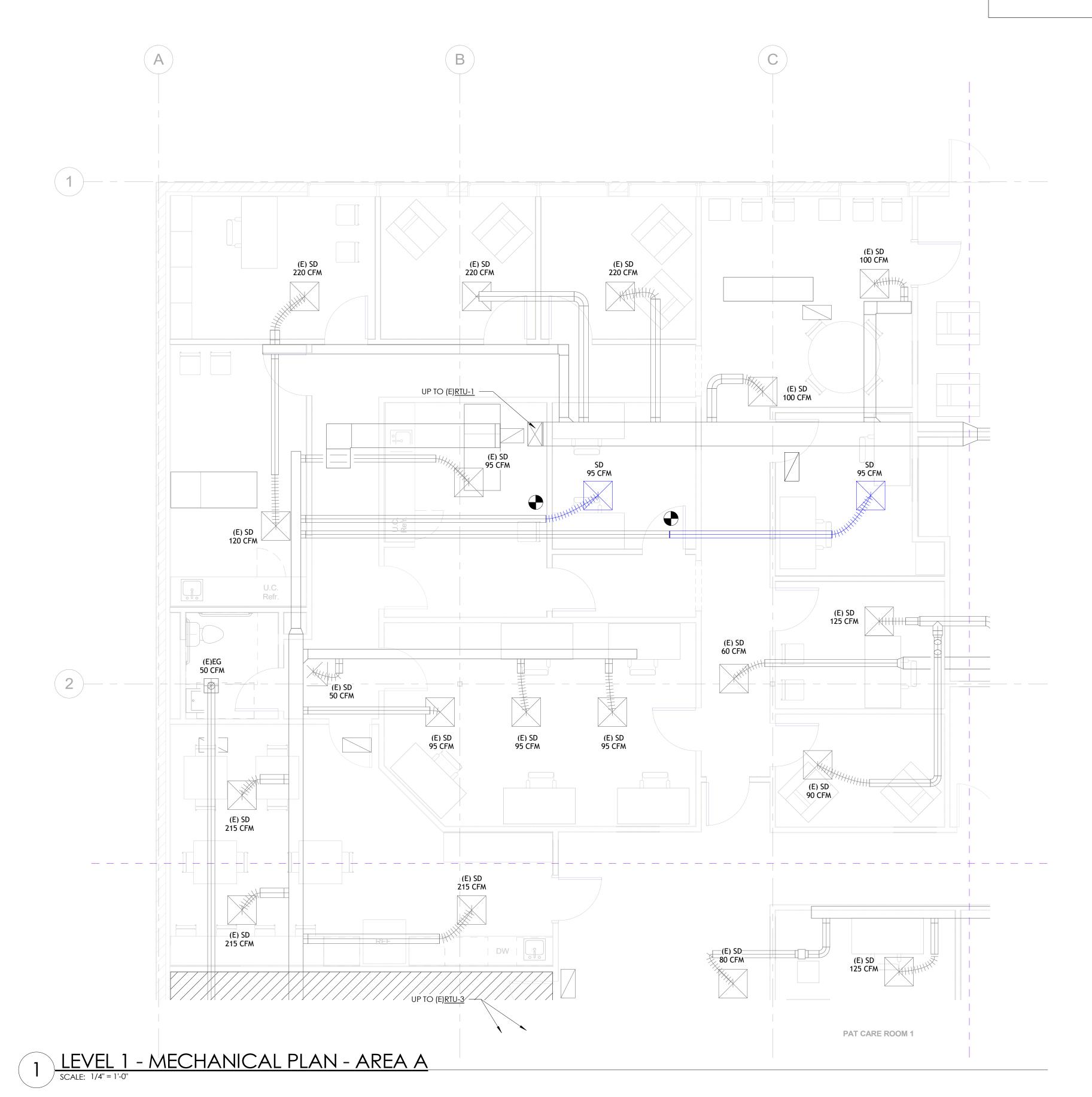
NO.	DESCRIPTION	DATE

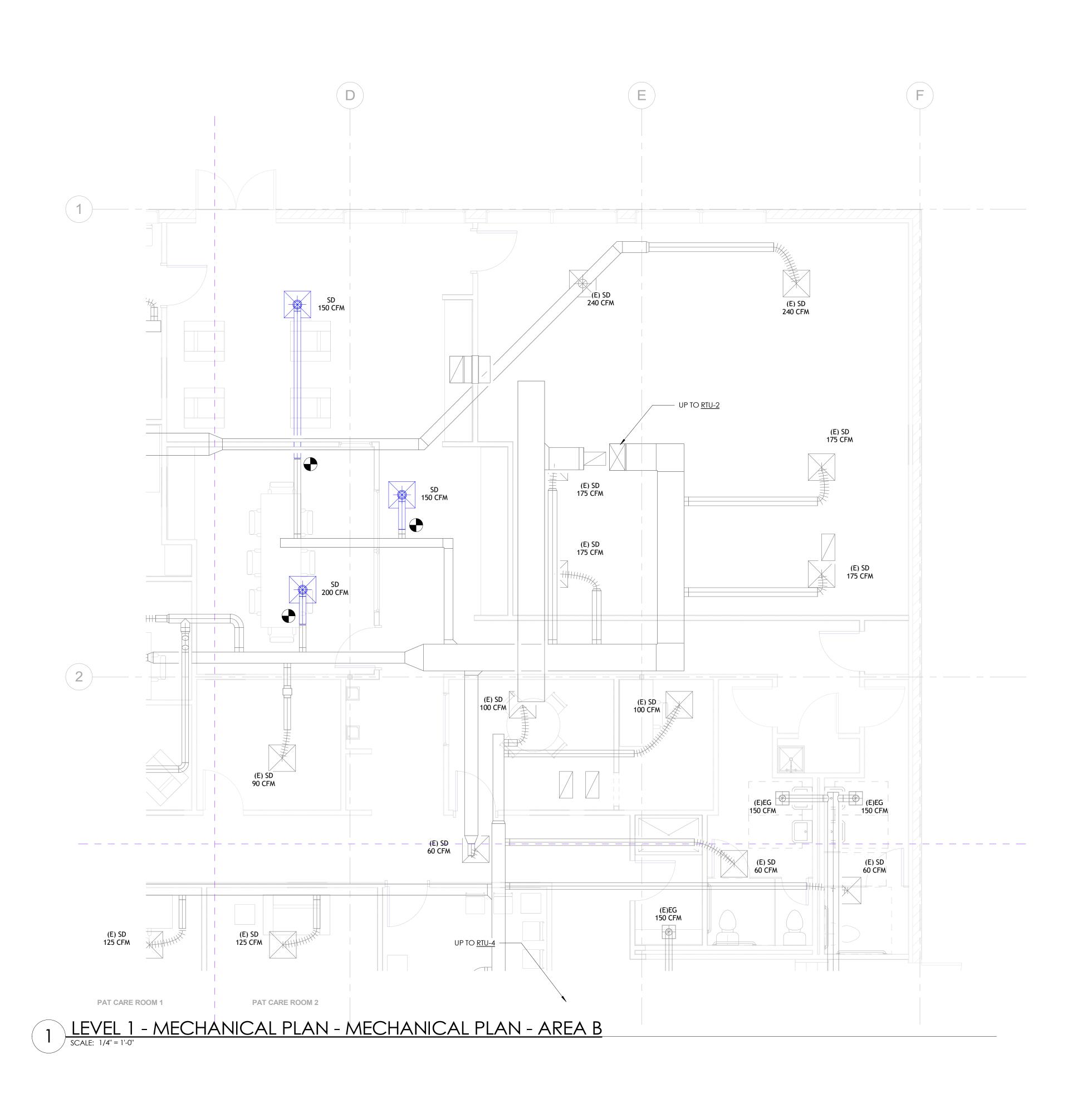
MECHANICAL PLAN -AREA A

Date	04.19.2024
Drawn by	MD
Checked by	MD

M101-A

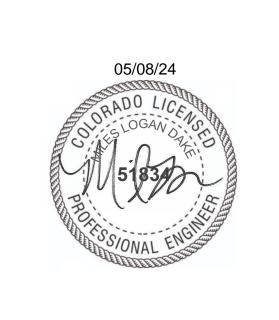
Scale







THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

MECHANICAL PLAN -AREA B

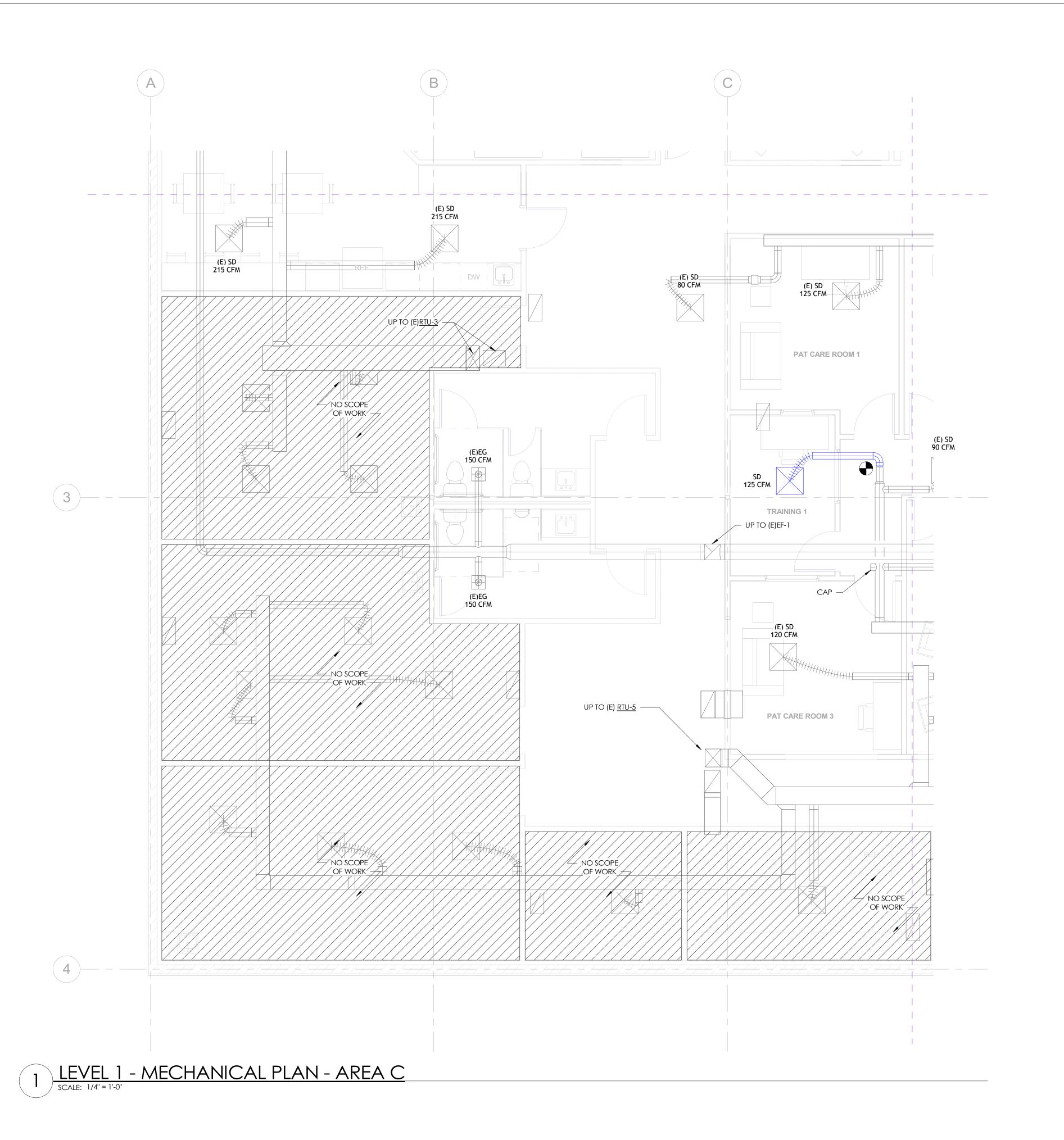
Date 04.19.2024

Drawn by MD

Checked by MD

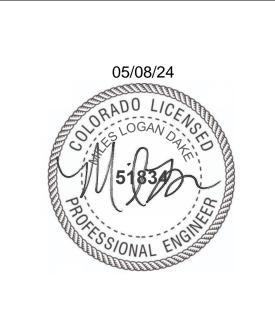
M101-B

1/4" = 1'-0"





THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

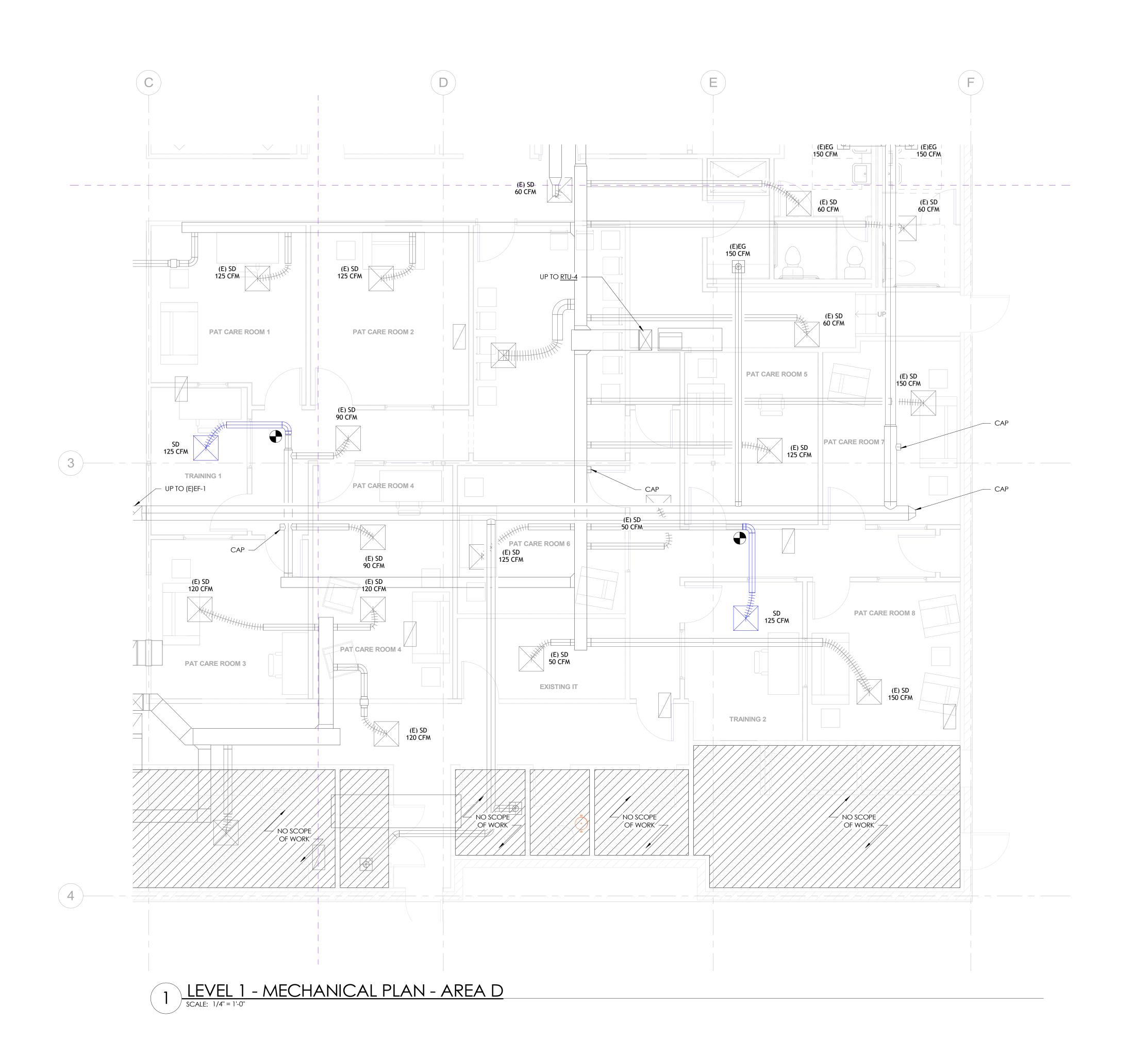
MECHANICAL PLAN -AREA C

Date	04.19.2024
Drawn by	MD
Checked by	MD

M101-C

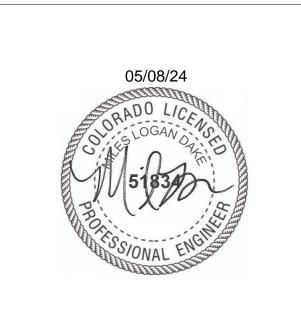
1/4'' = 1'-0''

01/2024 4:58:36 PM





THE WELLNESS CENTER



NO.	DESCRIPTION	DATE

MECHANICAL PLAN -AREA D

Date	04.19.2024
Drawn by	MD
Checked by	MD

M101-D

1/4" = 1'-0"

PLUMBING FIXTURE & EQUIPMENT CONNECTION SCHEDULE

FIXTURE	COMPONENT	MANUFACTURER	MODEL	COLOR	DESCRIPTION	FLOW RATE (GPM/GPF)	ACCESSIB LE	WASTE	VENT	cw	HV
WC-1	WATER CLOSET SEAT	тото тото	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	тото тото	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 WARESOPERATED FAUCET, W/TMV-1. PROVIDE GRID DRAIN, 17 GAUGE P-TRAP, ANGLE SUPPLIES W/L.K. STOPS, INSULA	0.5 TION KIT.	YES	2"	1-1/2"	1/2"	1/2
BF-1	BOTTLE FILL STATION	ELKAY	LZWSMDK	STAINLESS STEEL	RECESSED IN WALL, HANDS FREE OPERATION, 18 GAUGE STAINLESS STEEL, WITH FEOTER 1%%C.		YES	2"	1-1/2"	1/2"	-
SH-1	SHOWER HAND SHOWER PAN	INCEUTA W/SHOWER	T13H132-252 - ADAW-3636	CHROME - WHITE	ROUGH BRASS SHOWER VALVE WITH CHROME TRIM, SHOWER HEARD, ARM. PROVIDE WITH DIVERTER VALVE, 36" SLIDE BAR, HAND SHOWER AND HOSE. 36"x36" TERRAZZO WHEELCHAIR RECEPTOR WITH STAINLESS STEEL DRAIN AND S	1.5 TRAINER.	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 BORUSOLATION AND PROVIDE WITH ACCESS.	-	-	-	-	PER PLAN	-
GDU-1	GARBAGE DISPOSAL UNIT	IN-SINK-ERATOR	BADGER 5	-	GALVANIZED STEEL CONSTRUCTION, CONTIUOUS 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 PREMEMBEATH SINK UNLESS OTHERWISE INDICATED, WITH ACCESS FOR ADJU	- STMENT.	-	-	-		

GENERAL NOTES - PLUMBING

KEYNOTES - PLUMBING

- 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.



INFO@DAKECOLLABORATIVE.COM



NO.	DESCRIPTION	DATE	

PLUMBING PLANS



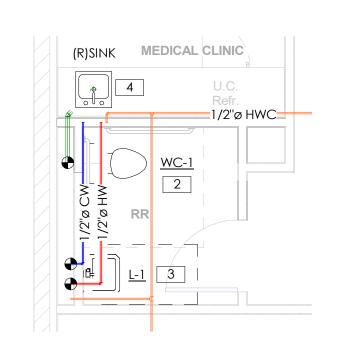
NO.	DESCRIPTION	DATE

Date	04.19.2024
Drawn by	MD
Checked by	MD
P10)1

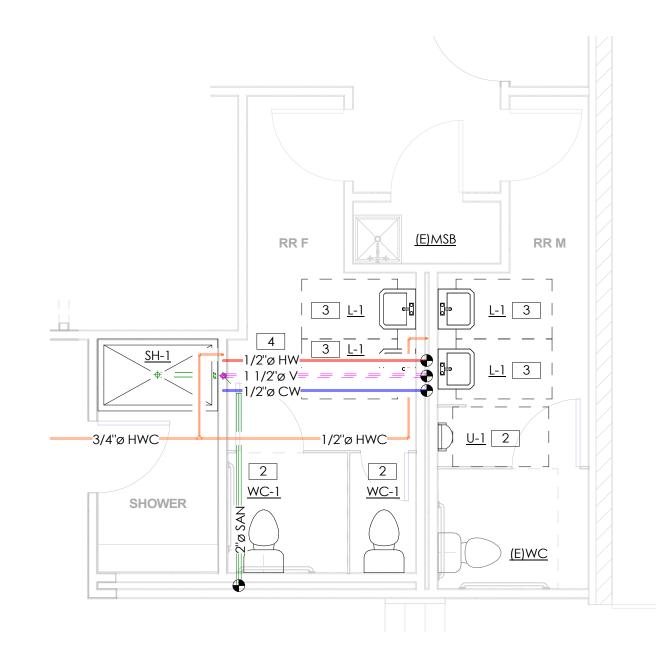
Scale

As indicated

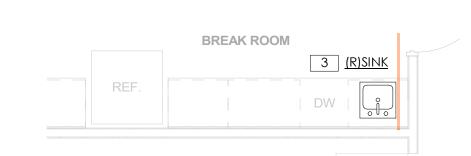
3 PLUMBING PLAN - RESTROOM GROUP A SCALE: 1/4" = 1'-0"



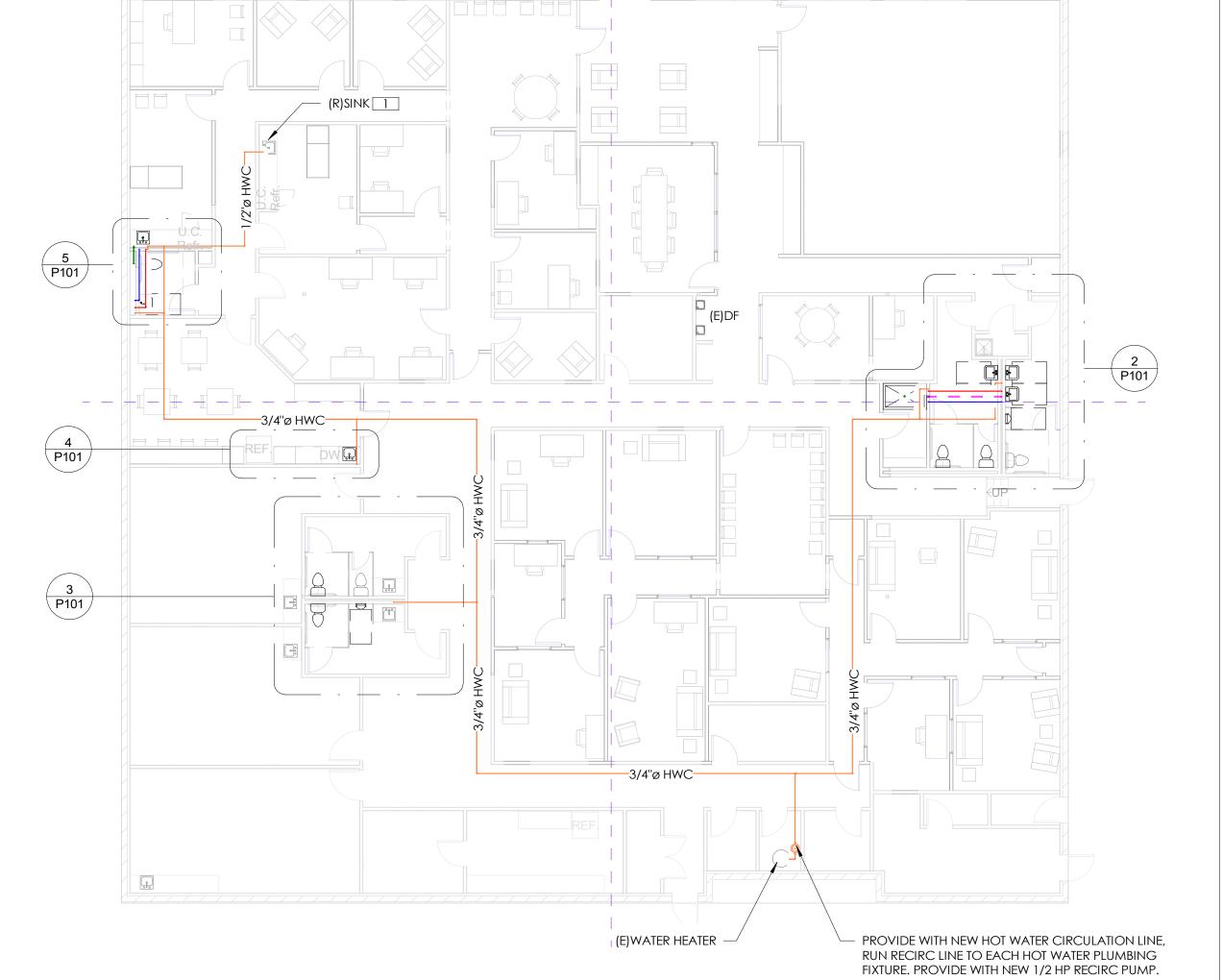
5 PLUMBING PLAN - ADA RESTROOM
SCALE: 1/4" = 1'-0"



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



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



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

GENERAL PROJECT NOTES

NOTE: SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS

- THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL NECESSARY FOR A COMPLETE. OPERATIONAL AND PROPERLY FUNCTIONING ELECTRICAL SYSTEM
- MATERIALS AND INSTALLATION SHALL COMPLY WITH CODES, LAWS AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
- MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY U.L., ETL, CSA OR ANOTHER RECOGNIZED TESTING LAB. ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC. SHALL BE NEW, UNLESS SPECIFICALLY INDICATED AS EXISTING TO BE REUSED.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT TO GOVERNMENTAL AGENCIES AND UTILITY COMPANIES SHOP DRAWINGS REQUIRED BY THESE AGENCIES FOR APPROVAL. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS. GOVERNMENTAL FEES, TAXES AND LICENSES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE ELECTRICAL WORK. THIS CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THIS CONTRACT SHALL BE RESPONSIBLE FOR WORKER'S IDENTIFICATION AND BADGING, SAFETY, AND LIABILITY INSURANCE. PROVIDE BARRICADES, WARNING
- SIGNS, AND TRASH REMOVAL FOR THE SAFETY OF THE WORKERS UNDER THIS CONTRACTOR'S EMPLOY. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER/OWNER OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PREPARE THE DOCUMENTS, INCLUDING DRAWINGS, REQUIRED TO OBTAIN APPROVAL OF THE EQUIPMENT AND LOCATIONS OF THE DEVICES THAT COMPRISE THE BUILDING FIRE ALARM LIFE SAFETY SYSTEM. THE DRAWINGS AND CUT SHEETS SHALL BE PROVIDED TO A PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL. THE APPROVED DRAWINGS WILL BE STAMPED, SIGNED AND RETURNED TO E.C. TO SUBMIT TO THE BUILDING DEPARTMENT.
- THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, VISIT THE SITE, AND THOROUGHLY BECOME FAMILIAR WITH THE BUILDING STANDARDS, LOCAL JURISDICTIONAL CODES AND REQUIREMENTS, AND LOCAL CONDITIONS RELATING TO THE WORK. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATIONS OF THE CONTRACT. SUBMISSION OF PROPOSAL IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE, NO EXTRA CHARGE WILL BE ALLOWED FOR CHANGES AS A RESULT FROM FAILURE TO EXAMINE THE JOB SITE
- THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND WIRING FOR THE PERFORMANCE OF ALL TRADES, FOR THE ENTIRE PERIOD OF CONSTRUCTION AND SHALL REMOVE ALL TEMPORARY WIRING AT THE COMPLETION OF CONSTRUCTION.
- THE EXISTING POWER, SIGNAL AND COMMUNICATION SYSTEMS ARE TO REMAIN IN SERVICE TO PROVIDE FOR THE OWNER'S FUNCTION. SHOULD IT BECOME NECESSARY TO SHUT-DOWN ANY SYSTEM OR PORTION OF A SYSTEM, APPROVAL IN WRITING MUST BE OBTAINED FROM THE OWNER AND SHALL ONLY APPLY FOR THE PERIOD AND TIME AGREED UPON. THE BID IS TO INCLUDE THE COST OF ANY TEMPORARY WIRING AND PREMIUM TIME REQUIRED FOR THE SHUTDOWN.
- ALL MATERIALS AND EQUIPMENT SHALL BE ERECTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED, AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
- ALL CUTTING, DRILLING AND PATCHING OF MASONRY, STEEL OR IRON WORK BELONGING TO THE BUILDING MUST BE DONE BY THIS CONTRACTOR IN ORDER THAT HIS WORK MAY BE PROPERLY INSTALLED, BUT UNDER NO CONDITIONS MAY STRUCTURAL WORK BE CUT, EXCEPT AT THE DIRECTION OF THE ARCHITECT-DESIGNER OR THEIR REPRESENTATIVE.
- 12. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL FIXTURES AND ELECTRICAL DEVICES. DEVICE LOCATIONS SHALL CONFORM TO ADA/ICC/ANSI STANDARDS.
- 13. ALL WORK REQUIRED FOR THE INSTALLATION AS SHOWN ON DRAWINGS INCLUDING LABOR, EQUIPMENT AND MATERIALS SHALL BE IN STRICT COMPLIANCE WITH THE BUILDING STANDARDS.
- PROVIDE COMPLETE METAL RACEWAY SYSTEMS AND ENCLOSURES FOR ALL WIRING THROUGHOUT THE EXTENT OF THE REQUIRED SYSTEM UNLESS OTHERWISE PERMITTED BY THE NEC:
 - TYPE III, IV OR V CONSTRUCTION WHERE PERMITTED PER NEC ARTICLE 334 NONMETALLIC SHEATHED CABLE AND NONMETALLIC BOXES MAY BE USED.
- TYPE MC AND AC CABLE MAY BE USED WHERE PERMITTED BY THE NEC (ARTICLE 330) 15. ALL TELE/ DATA BOXES SHALL BE PROVIDED WITH A 1/2" CONDUIT AND BUSHING WITH PULL STRING RUN 6' ABOVE FINISHED CEILING OR CEILING GRID. ELECTRICAL METALLIC TUBING (EMT) SHALL BE USED FOR ALL WALL OUTLETS & TELEPHONE WIRING RUNNING BELOW RAISED FLOOR OR ABOVE HARD CEILINGS.
- 16. ALL RECEPTACLES NOTED AS ISOLATED GROUND (IG) OR DEDICATED OR CIRCUITED AS DEDICATED SHALL BE PROVIDED WITH A DEDICATED GROUND AND NEUTRAL. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE INDICATED. CONDUITS LARGER THAN 2"
- DIAMETER OR CONDUITS OF ANY SIZE ROUTED OUTDOORS SHALL BE INTERMEDIATE METAL CONDUIT
- 18. FLEXIBLE CONDUIT CONNECTIONS TO RECESSED LIGHTING FIXTURES SHALL BE MADE WITH FLEXIBLE STEEL CONDUIT, 3/8 INCH MINIMUM. 19. FINAL CONNECTIONS TO MOTORS SHALL BE MADE WITH LIQUID TIGHT FLEXIBLE STEEL CONDUIT, 1/2 INCH
- MINIMUM WIRE NO. 8 AND SMALLER INSTALLED IN DRY LOCATIONS SHALL BE TYPE THWN OR THHN THERMOPLASTIC 600V INSULATED COPPER CONDUCTORS. NO WIRE SMALLER THAN NO.12 SHALL BE USED FOR LIGHTING OR POWER WIRING. WIRE NO. 8 AND LARGER SHALL BE STRANDED. ALL CONDUCTORS INSTALLED IN

EXTERIOR OR WET LOCATIONS SHALL BE TYPE THWN 600V INSULATED COPPER CONDUCTORS.

- ALL NEW CIRCUIT BREAKERS FOR NEW OR EXISTING PANELBOARDS SHALL MATCH EXISTING OR NEW BUILDING STANDARD PANELBOARD MANUFACTURER AND BREAKER TYPE. THE CONTRACTOR SHALL PROVIDE NEW ACCURATE AND DETAILED TYPE WRITTEN PANEL DIRECTORIES PER NEC 408.4 FOR ALL NEW OR MODIFIED PANELS. NUMBERED CIRCUITS ARE FOR CONVENIENCE OF DESIGN ONLY. E.C. TO FIELD VERIFY ACTUAL CIRCUIT NUMBERS USED AND CORRECTLY INDICATE ON "AS-BUILT" DRAWINGS. THE E.C. SHALL REMOVE ALL ABANDONED CIRCUITS.
- PROVIDE MINIMUM #10 FOR BRANCH CIRCUITS OVER 75' AT 120V AND OVER 150' AT 277V. E.C. TO FIELD VERIFY BRANCH CIRCUIT LENGTHS AND INCREASE CONDUCTOR SIZES AS REQUIRED TO COMPENSATE FOR VOLTAGE DROP.
- 23. EACH SWITCH, LIGHT, RECEPTACLE AND ALL OTHER DEVICES SHALL BE PROVIDED AND INSTALLED WITH A GALVANIZED OR SHERARDIZED PRESSED STEEL JUNCTION BOX OF NOT LESS THAN NO. 14 U.S. GAUGE STEEL. CONDUITS SHALL BE FASTENED WITH LOCKNUTS AND BUSHINGS AND ALL UNUSED KNOCKOUTS MUST BE LEFT SEALED. THERE MUST BE SUFFICIENT ROOM FOR WIRES AND BUSHINGS AND DEEP BOXES SHALL BE INSTALLED WHERE REQUIRED. BOXES SHALL BE SECURELY AND ADEQUATELY SUPPORTED. PROVIDE CIRCUIT NUMBERS PRINTED ON FACEPLATE OF EACH DEVICE.
- 23.a. EXCEPTION: TYPE III, IV OR V CONSTRUCTION WHERE PERMITTED PER NEC ARTICLE 334 NONMETALLIC BOXES MAY BE USED.
- 24. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SPECIAL OUTLET BOXES THAT MAY BE REQUIRED TO ENCLOSE RECEPTACLES.
- 25. IN SUSPENDED CEILINGS SUPPORT CONDUIT AND JUNCTION BOXES DIRECT FROM THE STRUCTURAL SLAB. DECK. OR FRAMING PROVIDED FOR THAT PURPOSE. LIGHTING BRANCH CIRCUIT CONDUITS SHALL NOT BE CLIPPED TO THE CEILING SUPPORT WIRES OR SPLINE UNLESS THE CEILING SYSTEM HAS BEEN SPECIFICALLY DESIGNED FOR THAT PURPOSE.
- 26. PROVIDE LOCAL DISCONNECT SWITCHES FOR ALL MOTORS (PLENUM APPROVED WHERE REQUIRED). 27. THE E.C. SHALL INCLUDE IN HIS COST THE REMOVAL OF ALL EXISTING ELECTRICAL DEVICES, CONDUITS, FIXTURES AND EQUIPMENT THAT IS NOT TO BE REUSED DISCARD ALL EQUIPMENT AS REQUIRED. E.C.
- SHALL BE RESPONSIBLE FOR DISCONNECTING PRIMARY SERVICE AND TEMPORARY POWER. PROVIDE WARRANTY GUARANTEED FOR A PERIOD OF ONE YEAR AFTER COMPLETION AND ACCEPTANCE.
- REPLACE ALL DEFECTIVE WORKMANSHIP, EQUIPMENT AND MATERIALS WITHOUT ADDITIONAL CHARGES. 29. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEKEEPING OF HIS/HER OWN PROPERTY ON THE JOB SITE. THE OWNER OR TENANT ASSUMES NO RESPONSIBILITY FOR PROTECTION OF THIS CONTRACTOR'S PROPERTY AGAINST FIRE, THEFT, OR ENVIRONMENTAL CONDITIONS.
- WHERE CONDUIT, CABLES, DUCTWORK OR PIPING PASSES THROUGH FIRE RATED FLOORS, WALLS, OR PARTITIONS, THE SLEEVES SHALL BE COMPLETELY SEALED WITH A FIRE STOP MATERIAL THAT IS U.L. LISTED (EQUAL TO DOW CORNING) AND ACCEPTED BY THE BUILDING DEPARTMENT AND FIRE DEPARTMENT AS BEING SUITABLE FOR THE SERVICE. THIS MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTRUCTIONS IN ORDER TO MAINTAIN THE FIRE RATING OF THE PENETRATED WALL, FLOOR, OR PARTITION. INSTALLATION SHALL BE A THROUGH-PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM AND UL. THE FIRE RATING SHALL MATCH THE RATING OF THE BARRIER BEING PENETRATED.
- SUBMIT AN ELECTRONIC COPY OR SIX (6) SETS OF SHOP DRAWINGS, CONTROL DIAGRAMS, AND EQUIPMENT CUTS TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING RELATED WORK. SHOP DRAWINGS SHALL INCLUDE MANUFACTURER'S NAMES, CATALOG NUMBERS, CUTS, DIAGRAMS AND OTHER SUCH DESCRIPTIVE DATA AS MAY BE REQUIRED TO IDENTIFY AND REVIEW THE EQUIPMENT. SUBMITTALS SHALL BE IN LOGICAL GROUPS, PARTIAL SUBMITTALS WILL NOT BE REVIEWED.
- UPON COMPLETION OF CONSTRUCTION, SUPPLY THE ENGINEER WITH ONE COMPLETE SET OF FULL SIZE AS-BUILT DRAWINGS. PROVIDE THE OWNER WITH THREE (3) SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH TYPE OF EQUIPMENT INSTALLED.
- 33. THIS CONTRACTOR SHALL ASSUME ALL ADDED EXPENSES TO ALL TRADES ASSOCIATED WITH THE INSTALLATION OF SUBMITTED AND APPROVED ALTERNATE EQUIPMENT.
- 34. THE CONTRACTOR SHALL COORDINATE THE LAYOUT OF THE FIRE ROOM WITH ALL OTHER DISCIPLINES, ESPECIALLY THE FIRE ALARM AND FIRE PROTECTION DESIGN-BUILD CONTRACTORS PRIOR TO ANY WORK.
- 35. IF ANY CHANGES ARE MADE TO ACCOMMODATE FIELD CONDITIONS NOTIFY THE ENGINEER IMMEDIATELY OF WHAT THE CHANGES WERE, THE REASON FOR THE CHANGES, AND THE COST IMPACTS. 36. LOCATE ALL ELECTRICAL SWITCHBOARDS, PANELBOARDS AND ELECTRICAL DISTRIBUTION EQUIPMENT IN
- ACCORDANCE WITH NEC 110 REQUIREMENTS. PROVIDE PROTECTION FROM ANY FOREIGN SYSTEM INSTALLED ABOVE THE DEDICATED EQUIPMENT SPACE PER NEC 110.26(E). 37. SERVICE EQUIPMENT SHALL BE MARKED TO IDENTIFY IT AS BEING SUITABLE FOR USE AS SERVICE

DEDICATED SPACES AND PROTECTED FROM DAMAGE WITH ADEQUATE WORKING CLEARANCE

- EQUIPMENT PER NEC 230.66. 38. ELECTRICAL ROOM DOORS SHALL BE EQUIPPED WITH PANIC BARS, PRESSURE PLATES, OR OTHER DEVICES THAT ARE NORMALLY LATCHED BUT OPEN UNDER SIMPLE PRESSURE IN ACCORDANCE WITH NEC
- 39. 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.

ELECTRICAL LEGEND

ELECTRICAL PANEL BOARD

TRANSFORMER

(K) PORCELAIN LAMP HOLDER

RECESSED FLUORESCENT

SURFACE MOUNTED FLUORESCENT FIXTURE

CEILING FIXTURE

● ♦ WALLWASHER or ADJUSTABLE DOWNLIGHT

\$D DIMMER SWITCH

✓ MOTOR

O-OCCUPANCY, D-DAYLIGHT

or COMBO EXIT - SEE SCHEDULE

NOTE: NOT ALL ITEMS APPEAR ON DRAWINGS. SYMBOLS MAY DIFFER FROM EXISTING AND DEMO WORK OR DEVICES REFERENCED OR SYMBOLS USED FROM DRAWINGS BY OTHERS.

- POWER AND LIGHTING LOW VOLTAGE SYSTEMS GROUNDED SWITCHED DUPLEX RECEPTACLE TELEPHONE TERMINAL BOARD FLOOR/CEILING MOUNTED GROUNDED SPLIT-WIRED RECEPTACLE DATA OUTLET FLOOR/CEILING MOUNTED GROUNDED DUPLEX RECEPTACLE TELEPHONE OUTLET
- GROUNDED QUADRAPLEX RECEPTACLE ∇ DATA OUTLET TEI FPHONE/DATA OUTLET SPECIAL PURPOSE RECEPTACLE PROJECT STANDARD FLOOR/CEILING MOUNTED RECEPTACLE ▼ TELEPHONE OUTLET
- CATV/MONITOR A/V OUTLET (J) JUNCTION BOX S SPEAKER ├(J) WALL MOUNTED JUNCTION BOX FACP FIRE ALARM PANEL FAA FIRE ALARM REMOTE DISCONNECT SWITCH
- ANNUNICATOR PANEL FUSED DISCONNECT SWITCH ●s ●T S-SMOKE, T-HEAT DETECTOR \$__ THERMAL OVERLOAD SWITCH •S/CO COMBO SMOKE, CO DETECTOR ☐ DUCT FIRE DETECTOR
- **ABBREVIATIONS** EWC ELECTRIC WATER COOLER EXHAUST FAN CIRCUIT '##' HOMERUN TO PANEL 'X' GROUND FAULT INTERRUPTING X.## (ARROWS NOT USED IF CIRCUIT ARC FAULT INTERRUPTING NUMBERS APPEAR NEXT TO DEVICES)
 - ELECTRICAL CONTRACTOR ABOVE COUNTER GFI - VERIFY HEIGHT ABOVE COUNTER - VERIFY HEIGHT WEATHER PROOF TTB TELEPHONE TERMINAL BOARD AFF ABOVE FINISH FLOOR AHJ AUTHORITY HAVING JURISDICTION (E) EXISTING TO REMAIN

(EX) EXISTING TO BE REMOVED

- (ER) EXISTING TO BE RELOCATED (R) (RL) RELOCATE/RELOCATED LOCATION $\$_{\!\scriptscriptstyle{\#}}$ SINGLE POLE SWITCH, OR #-POLE REFERENCE SYMBOLS # KEYED NOTE
- \$OS WALL SWITCH OCCUPANCY SENSOR # COUIPMENT - SEE SCHEDULE ©S CEILING MOUNTED SENSOR #/W FEEDER - SEE SCHEDULE TRANSFORMER WITH GROUNDING AND OVERCURRENT DEVICES SEE
- EMERGENCY FIXTURE SHADED TRANSFORMER SCHEDULE BATTERY PACK EMERGENCY LIGHT

REMODEL WORK TYPICAL SYMBOLS, LINEWEIGHTS, LINETYPES AND ABBREVIATIONS DEMOLITION, TO BE REMOVED (RL) RELOCATED LOCATION EXISTING TO BE REMOVED FOR RELOCATION AND REUSE (N) NEW WORK

(E) EXISTING TO REMAIN

ALLIMINUM FEEDER RID ALTERNATE: PROVIDE SEPARATE PRICE FOR ALLIMINUM

ALUMINUM FEEDER BID ALTERNATE: PROVIDE SEPARATE PRICE FOR ALUMIN	IUI
MAIN FEEDERS WHERE INDICATED ON THE ONE LINE DIAGRAM ONLY. ANY USI	Ε
OF ALUMINUM CONDUCTORS SHALL BE APPROVED BY THE OWNER.	

Feeder Schedu	le - Copp	er		Feeder Schedule - Aluminum				
3000/W		mil, 400kcmi	G, 3"C]	3000/W		cmil, 600kcm	nil G, 3"C]	
2500/W	7[W-500kc	mil, 350kcmi	G, 3-1/2"C]	2500/W	8[W-500kc	mil, 600kcmi	I G, 3-1/2"C]	
2000/W	-	mil, 250kcmi	•	2000/W	7[W-500kc	mil, 400kcmi	I G, 3-1/2"C]	
1600/W		mil, 4/0G, 3"(1600/W	-	mil, 350kcmi	•	
1200/W	-	mil, 3/0G, 3"(•	1200/W	-		I G, 3-1/2"C]	
1000/W	-	mil, 2/0G, 3"	-	1000/W	-	mil, 4/0G, 3"	-	
800/W	-	mil, 1/0G, 3"(•	800/W		mil, 3/0G, 3"		
760/W		mil, 1/0G, 3-		750/W	-	mil, 2/0G, 3"	•	
600/W	-	mil, #1G, 3"C	•	600/W	-	mil, 2/0G, 3-	•	
500/W		mil, #1G, 3 C		500/W	-	mil, 1/0G, 3"	•	
400/W	2[W-3/0, #3		'1	400/W	•	mil, #1G, 3"0	•	
380/W	-	_	"C	350/W	-	11iii, #10, 3 (1G, 2-1/2"C]	-	
300/W		il, #3G, 3-1/2	C	300/W	-	_		
		il, #4G, 3"C				il, #2G, 3-1/2		
250/W		il, #4G, 3"C		250/W		il, #2G, 3"C		
225/W	W-4/0, #4G			225/W		il, #2G, 3"C	NIO	
200/W	W-3/0, #60			200/W		il, #4G, 2-1/2	20	
175/W	W-2/0, #60			175/W	W-4/0, #40	•		
150/W	W-1/0, #60			150/W	W-3/0, #40			
125/W	W-#1, #6G			125/W	W-2/0, #40			
110/W	W-#2, #6G	, 1-1/4"C		110/W	W-1/0, #40	9, 2"C		
	*60°		*75°		*60°		*75°	
100/W	W-#1, #6G		W#6, #6G, 1-1/4"C	100/W	W-1/0, #60	•	W#1, #6G, 1-1/2"C	
90/W	W-#2, #8G		W#3, #8G, 1-1/4"C	90/W	W-1/0, #60	•	W#2, #6G, 1-1/4"C	
80/W	W-#3, #8G		W#4, #8G, 1-1/4"C	80/W	W#1, #6G,		W#2, #6G, 1-1/4"C	
70/W	W-#4, #8G	, 1-1/4"C	W#4, #8G, 1-1/4"C	70/W	W#2, #6G,	1-1/4"C	W#3, #6G, 1-1/4"C	
60/W	W#4, #10G	3, 1-1/4"C	W#6, #10G, 1"C	60/W	W#2, #8G,	1-1/4"C	W#4, #8G, 1-1/4"C	
50/W	W#6, #10G	S, 1" C	W#8, #10G, 1"C	50/W	W#4, #8G,	1-1/4"C	W#6, #8G, 1"C	
40/W	W#8, #10G	G, 1" C	W#8, #10G, 1"C	40/W	W#6, #8G,	1" C	W#8, #8G, 1"C	
30/W	W#10, #10	G, 3/4"C	W#10, #10G, 3/4"C	30/W	W#8, #8G,	3/4"C	W#10, #8G, 3/4"C	
20/W	W#12, #12	G, 3/4"C	W#12, #12G, 3/4"C	20/W	W#10, #10	G, 3/4"C	W#12, #10G, 3/4"C	
of the ampacity indi and W-number of w All conductors shall *Conductor Ampaci	rires, #S/W ii be Copper	ndicates no g unless other	round. vise noted.	of the ampacity inc and W-number of All conductors sha *Conductor Ampac	wires, #S/W i II be Aluminu	ndicates no g m unless oth	ground. erwise noted.	
60° column up to 1	00A and 75°	column abo	ve 100A	60° column up to	100A and 75°	column abo	ve 100A	
unless otherwise pe	ermited by N	EC. Ampacit	y rating shall be	unless otherwise permited by NEC. Ampacity rating shall be				
selected in accorda	nce with NE	C 110.14 (C)		selected in accordance with NEC 110.14 (C).				
The master electric				The master electric	cian shall be	responsible f	or ensuring that no	
feeders or branch o	ircuits are in	stalled in a n	nanner or sized in	feeders or branch	circuits are in	stalled in a n	nanner or sized in	
such a way as to vi	olate the NE	C.		such a way as to v	iolate the NE	C.		
Service Ground Tal	ole	Equipment	Ground Table	Service Ground Ta	able	Equipment	Ground Table	
150G	#6	20EG	#12	150G	#4	20EG	#10	
200G	#4	60EG	#10	200G	#2	60EG	#8	
300G	#2	100EG	#8	300G	1/0	100EG	#6	
500G	1/0	200-1200A		500G	3/0	200-1200A		
1000G	2/0	1600EG	4/0	1000G	4/0	1600EG	350kcmil	
>1000G	3/0	2000EG	250kcmil	>1000G	250	2000EG	400kcmil	
Service Ground Co				Service Ground Co				
Equipment Ground				Equipment Ground				
All conductors shall				All conductors sha				
			num Service Ground				num Service Ground	
-							acity from the chart	
Conductor based on #G where # is the ampacity from the chart above, and the equipment ground chart indicates the minimum							cates the minimum	
-				-				
equipment groundir	-		-		-		here # is the rating/	
setting of the overce	urrent device	e protecting t	ie conductors and	-	current device	e protecting t	he conductors and	
equipment.		uaan 4b c F	alan Caba duda	equipment.		uaan Hee F	adan Caba aliila	
Where discrepancie				Where discrepanc				
and the Grounding		-	ctor shall be used	and the Grounding		-	ctor shall be used	
unless otherwise pe				unless otherwise p				
The installation sha		-		The installation sh		-		
requirements include	-			requirements inclu	-			
		مرنما بالممالات	d connected and	complete raceway		مونون بالمونالو	امما امماممسم	

complete raceway systems metallically joined, connected, and complete raceway systems metallically joined, connected, and

fittings as required for electrical continuity per NEC 300.10.

FIRE ALARM SYSTEM NOTES

fittings as required for electrical continuity per NEC 300.10.

FIRE ALARM SYSTEM IS TO BE DESIGN/BUILD BY THE CONTRACTOR.

CODE COMPLIANCE STATEMENT:

- THIS PROJECT SHALL COMPLY WITH THE FOLLOWING CODES:
- 2023 National Electric Code (NEC) 2021 International Energy Conservation Code (IECC)
- COMCheck Code Compliance Documents are in this E Sheet Set

Label and date available fault current value at the main service disconnect per NEC 110.24(A)

8. Provide Arc-Flash Hazard study and labeling for personnel and protective equipment prior to energizing equipment per NEC 110.16 and NFPA 70E.

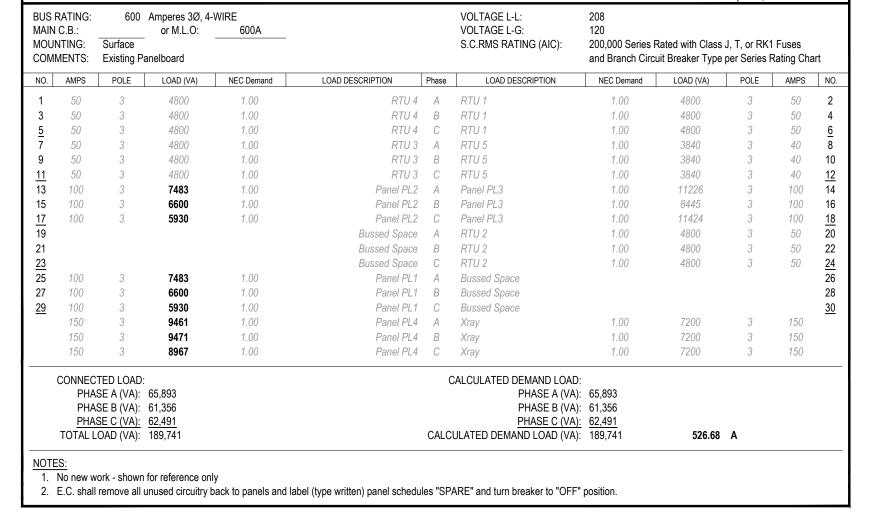
PANEL SCHEDULE:

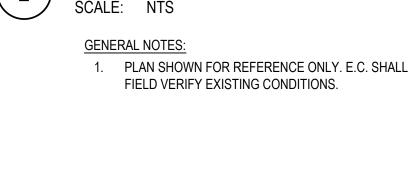
			pril 28, 2024		IDDENIT (E)						
5	00 kVA Utility Transf	ormer	VOLTAGE 208			<u> </u>	VAILABLE	FAULT CO	77,100		
LOCATION (n)	# of DUNC	CONDUCTOR	VOLTACE	1 /#\	0	Total C	ı	M	_	e	Euga
LOCATION (n) 600A Main	# of RUNS 2	CONDUCTOR 350	VOLTAGE 208	<u>L(ft)</u> 50	<u>C</u> 22,737	<u>Total C</u> 45,474	0.71	M 0.59	<u>F</u> 45,218	<u>s</u>	Fuse
Panel SDPC	2	350	208	50	19,704	39,408	0.48	0.68	30,611	200,000	Verify
Panel PL1	1	1	208	25	7,293	7,293	0.74	0.57	14,967	200,000	Verify
Panel PL2	1	1	208	20	7,293	7,293	0.60	0.63	16,363	200,000	Verify
Panel PL3	1	1	208	15	7,293	7,293	0.31	0.76	13,966	200,000	Verify
Panel PL4	1	1/0	208	10	8,925	8,925	0.29	0.78	23,817	200,000	Verify
Calculations use Bussn											
riables:	L=Feeder Length	` '	C=Conductor "				$M(n) = 1 \div$,,		et Through R	-
	, , ,	F(n-1))/(C x # of runs >	k Voltage) in Amp	eres			F(n)=F(n-1) x M(n)	F	use=Fuse Ty _l	pe
e E.C. shall report any o	•	ngineer. les listed. The E.C. sha									



TO W 72ND AVE







PANEL PANEL RTU-2 RTU-1 RTU-3 RTU-5 50/4 (100/4) PAD MOUNTED UTILITY TRANSFORMER 600A/3P 208/120V, 3-PHASE, 4W 150A/3P 50A/3P (50A/3P (30/3P 40A/3P 100A/3P (50A/3P (100A/3P 150A/3P 100A/3P 600LPN MAIN DISTRIBUTION PANEL 'SDPC', 600A 208/120V, 3-PHASE, 4W GRADE LEVEL ONE LINE DIAGRAM

SCALE: NTS

April 28, 2024

ONE LINE DIAGRAM GENERAL NOTES:

REQUIRED.

- 1. E.C. TO FIELD VERIFY EXISTING CONDITIONS
- ALL EQUIPMENT IS EXISTING NO NEW WORK
- 3. ALL EXTERIOR EQUIPMENT TO BE WEATHERPROOF 4. THE E.C. SHALL PROVIDE LABELING OF ALL DISCONNECTING MEANS IN ACCORDANCE WITH NEC 110.22:
- 4.a. PROVIDE LABEL ON EACH DISCONNECTING MEANS PER NEC 110.22(A)
- 4.b. SERVICE EQUIPMENT SHALL BE LABELED WITH THE MAXIMUM AVAILABLE FAULT CURRENT AND
- 4.c. WHERE ANY SERIES RATED COMBINATION SYSTEMS ARE UTILIZED, PROVIDE LABEL ON EQUIPMENT CLOSURE INDICATING THE SERIES RATED SYSTEM COMPONENTS INCLUDING FUSE AND BREAKER TYPES AND RATINGS IN ACCORDANCE WITH NEC 110.22(B) AND 110.22(C): CAUTION -- SERIES COMBINATION SYSTEM RATED ____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS

D.Keller Electrical Design 7498 West Layton Place Littleton, Colorado 80123 303.918.9475 Dawn@dkellereng.com

STAMP AND SIGNATURE:



ISSUF DATE SSLIFD FOR:

Data contained on these electronic files a part of the Engineer's instruments o service and shall remain the property of the Engineer. Such data shall not be used for any purpose other than for the completion f the referenced project. Any other us euse or modification of the files without the Engineer's prior written consent, will be a he recipient's sole risk and without liability

or legal exposure to the Engineer.

ONE LINE, NOTES AND SCHEDULES

SHEET NUMBER:

PROJECT NUMBER:

STAMP AND SIGNATURE:



TH 82

April 28, 2024

and Branch Circuit Breaker Type per Series Rating Chart

1.00 500 1 20 <u>6</u>

1.26 418 1 20 8

0.90 720 1 20 14 1.00 360 1 20 16 0.90 650 1 20 <u>18</u> 1.00 360 1 20 20

1.00 540 1 20 **22**

 0.90
 1176
 1
 20
 24

 1.00
 500
 1
 20
 26

1.00 360 1 20 28 1.00 500 1 20 <u>30</u> 1.00 360 1 20 <u>30</u>

1.00 360 1 20 **34**

60.89 A

750

1 20 <u>36</u> 1 **20** 38

1 20 40

1 20 <u>42</u>

S.C.RMS RATING (AIC): 200,000 Series Rated with Class J, T, or RK1 Fuses

1.00 1.00

1.00

1.00 1200

SSUED FOR:	ISSUE DAT
PERMIT	05.03.202

Data contained on these electronic files are part of the Engineer's instruments of service and shall remain the property of the Engineer. Such data shall not be used for any purpose other than for the completion of the referenced project. Any other use reuse or modification of the files without the Engineer's prior written consent, will be at the recipient's sole risk and without liability or legal exposure to the Engineer.

SHEET TITLE:

ELECTRICAL SCHEDULES

SHEET NUMBER:

PROJECT NUMBER: DK24.034

Cutler-Hammer	Series	Rating	Chart

Panelboards:	PRL 1A	PRL 2A.	PRL	1A-LX.	PRL 2A-LX
i dilcibodido.	1 1 % los 17 %;	1 1 1 1 2 2 7 1 7	1 1 1 1	1 / 1 m/ 1,	

1900	Notos	Rolow &	Dago	21

anelboards	: PRL 1A, PR	L 2A, PRL 1A-	LX, PRL 2A-LX	(See Notes Below 8	Page 3)	
Max System	Maximum	Line Side	Max Fuse	Load Side		
Voltage	SCCR	Fuse	Current Rating	Circuit Breaker	Amps	Poles
		LPN-RK	200	GB, GHB	ALL	1,2
	100kA	JJN, LPJ	400	BA, BAB, HQP, QBHW, QPHW	ALL	1,2
120/240		LPN-RK	100	BA, BAB, HQP, QBHW, QPHW, GB, GHB	ALL	1,2
	200kA	JJN, LPJ	200	BA, BAB, HQP, QBHW, QPHW	ALL	1,2
		JJN, LPJ	400	GB, GHB	ALL	1,2
		LDNIDK	200	GHB	ALL	1,2,3
		LPN-RK	200	GB, CA	ALL	2,3
	100kA	JJN, LPJ	400	BAB_H, QBHW_H, HQP_H, QPHW_H	ALL	2,3
	10000	JJN	600	CA, CAH, HCA	ALL	2,3
		KRP-C	6000	EHD, FD	ALL	1,2,3
240		KRP-C	6000	FDB, ED, JDB, JD, DK, KDB, KD	ALL	2,3
240				GHB	ALL	1,2,3
		LPN-RK	100	BAB_H, QBHW_H, HQP_H, QPHW_H, CAH, HCA, GB	ALL	2,3
	200kA	LPN-RK	200	GB, GHB	ALL	2,3
	20084	JJN, LPJ	200	BAB_H, HQP_H, QBHW_H, QPHW_H, CA, CAH, HCA	ALL	2,3
		JJN, LPJ	400	GHB	ALL	1,2,3
		JJIN, LFJ	400	GB	ALL	2,3
	65kA	JJS, LPJ	200	GHBS	ALL	1,2
		JJS, LPJ	100	GHBS	ALL	1,2
		LPS-RK	200	GHB	ALL	1,2,3
480/277	100kA	LPJ	600	EHD, FD, HFD, FDC	ALL	2,3
100/211		JJS	600	GHB, EHD, FD, HFD, FDC, JD, HJD, JDC	ALL	2,3
	200kA -	LPS-RK	100	GHB	ALL	122
	200KA	JJS, LPJ	400] GUD	ALL	1,2,3

'AI	NEL S	CHEDU	LE:	PL4						April 28, 2	2024	
AIN OUN	RATING: C.B.: NTING: MENTS:	Surface	Amperes 3Ø, 4 or M.L.O:	-WIRE 150A			VOLTAGE L-L: VOLTAGE L-G: S.C.RMS RATING (AIC):	208 120 200,000 Series F and Branch Circi				
O.	AMPS	Existing Pa	LOAD (VA)	NEC Demand	LOAD DESCRIPTION	Phase	LOAD DESCRIPTION	NEC Demand	LOAD (VA)	POLE		art N
			\ /				<u> </u>		. ,			
	20	1	756	1.25	Lighting Rm 102	Α	Lighting Rm 119	1.25	846	1	20	
3	20	1	688	1.25	Lighting Rm 105	В	Lighting Rms 114,115,116	1.25	955	1	20	
<u>.</u>	20	1	645	1.25	Lighting Rm 106	C	Lighting Rm 123	1.25	856	1	20	
	20	1	597	1.25	Lighting Rm 130	Α	Lighting Rm 111	1.25	715	1	20	
	20	1	963	1.25	Lighting Rms 140,141	В	Lighting Rm 111	1.25	659	1	20	
<u> </u> }	20	1	500	1.00	Existng Load	C	Existing Load	1.00	500	1	20	
}	20	1	500	1.00	Existng Load	Α	Lighting Rms 133,134,138	1.25	956	1	20	
	20	1	968	1.25	Lighting Rm 135	В	Existing Load	1.00	500	1	20	
	20	1	945	1.25	Lighting Rm 117	C	Existing Load	1.00	500	1	20	
	20	1	496	1.25	Lighting Corridor	Α	Existing Load	1.00	500	1	20	
	20	1	512	1.25	Lighting Corridor	В	Existing Load	1.00	500	1	20	
	20	1	587	1.25	Lighting Corridor	C	Existing Load	1.00	500	1	20	
	20	1	603	1.25	Lighting Corridor	Α	Existing Load	1.00	500	1	20	
	20	1	500	1.00	Existing Load	В	Existing Load	1.00	500	1	20	
	20	1	500	1.00	Existing Load	С	Existing Load	1.00	500	1	20	
	20	1	500	1.00	Existing Load	A	Existing Load	1.00	500	1	20	
	20	1	500	1.00	Existing Load	В	Existing Load	1.00	500	1	20	
	20	1	500	1.00	Existing Load	С	Existing Load	1.00	500	1	20	
-					Bussed Space	A	Med Clinic UC Ref	1.00	750	1	20	
1					Bussed Space	В	New Med Clinic Rec	1.00	540	1	20	
_					Bussed Space	C	RC-1	1.00	1176	1	20	
	PHA PHA PHA	TED LOAD: SE A (VA): SE B (VA): SE C (VA): OAD (VA):	8,285 8,209				CALCULATED DEMAND LOAD PHASE A (VA) PHASE B (VA) PHASE C (VA) ULATED DEMAND LOAD (VA)	: 9,461 : 9,471 : 8,967	77.44	٨		

MAIN	rating: C.B.: nting:	Surface	Amperes 3Ø, 4 or M.L.O:	-WIRE 100A			VOLTAGE L-L: VOLTAGE L-G: S.C.RMS RATING (AIC):	208 120 200,000 Series F				
COMI	MENTS:	Existing Page 1	anelboard					and Branch Circ	uit Breaker Type	per Series I	Rating Cha	art
NO.	AMPS	POLE	LOAD (VA)	NEC Demand	LOAD DESCRIPTION	Phase	LOAD DESCRIPTION	NEC Demand	LOAD (VA)	POLE	AMPS	NC
1	20	1	360	1.00	Outlets Rm 117	Α	Outlets Rm 117	1.00	360	1	20	2
3	20	1	540	1.00	Outlets Rm 117	В	Outlets Rm 117	1.00	360	1	20	4
5	20	1	720	1.00	Outlets Rm 117	C	Existing Load	1.00	1248	2	30	6
<u>5</u> 7	30	2	1248	1.00	AC RM 117	Α	Existing Load	1.00	1248	2	30	8
9	30	2	1248	1.00	AC RM 117	В	Existing Load	1.00	1248	2	30	10
1	20	1	500	1.00	Existing Load	C	Existing Load	1.00	1248	2	30	12
3	20	2	832	1.00	Wall Heater	Α	Circ Pump+Control	1.00	250	1	20	1
15	20	2	832	1.00	Wall Heater	В	Exhaust Fan	1.00	117	1	20	10
17	30	3	2880	1.00	CUH-Vestibule	С	Exhaust Fan Unit Heater	1.00	1664	2	20	18
9	30	3	2880	1.00	CUH-Vestibule	Α	Electric Unit Heater	1.00	1664	2	20	2
1	30	3	2880	1.00	CUH-Vestibule	В	Water Fountains	1.00	360	1	20	2
	20	1	500	1.00	Existing Load	С	Existing Load	1.00	500	1	20	
<u>23</u> 25	20	1	360	1.00	Phone Board Recepts	Α	Outlet Rm 142	1.00	360	1	20	<u>2</u>
27	20	1	360	1.00	Existing Load	В	Existing Load	1.00	500	1	20	2
	40	2	1664	1.00	Existing Load	С	Existing Load	1.00	500	1	20	
<u>9</u> 1	40	2	1664	1.00	Existing Load	A	Bussed Space					<u>3</u>
3					Bussed Space	В	Bussed Space					3
					Bussed Space	С	Bussed Space					
5 7					Bussed Space	A	Bussed Space					<u>3</u> 3
39					Bussed Space	В	Bussed Space					4
1					Bussed Space	С	Bussed Space					4
	PHA PHA <u>PHA</u>	SE A (VA): SE B (VA): SE C (VA): OAD (VA):	11,226 8,445 <u>11,424</u>				CALCULATED DEMAND LOAD PHASE A (VA PHASE B (VA PHASE C (VA ULATED DEMAND LOAD (VA): 11,226): 8,445) <u>:</u> 11,424	86.31	A		

PA	NEL S	CHEDU	JLE:	PL1						April 28, 2	2024	
IAIN	RATING: C.B.: NTING:	100 Surface	Amperes 3Ø, 4 or M.L.O:	-WIRE 100A			VOLTAGE L-L: VOLTAGE L-G:	208 120	Data d with Class	I.T. on DIV	1 5	
	MENTS:		anelboard				S.C.RMS RATING (AIC):	200,000 Series F and Branch Circ				art
10.	AMPS	POLE	LOAD (VA)	NEC Demand	LOAD DESCRIPTION	Phase	LOAD DESCRIPTION	NEC Demand	LOAD (VA)	POLE	AMPS	N
1	20	1	720	1.00	Outlets Rm 135	Α	Outlets Rm 129	1.00	540	1	20	2
}	20	1	540	1.00	Outlets Rm 145	В	Existing Load	1.00	500	1	20	4
	20	1	180	1.00	Outlets Rm 145	C	Existing Load	1.00	500	1	20	9
	20	1	500	1.00	Existing Load	Α	Existing Load	1.26	500	1	20	-
	20	1	500	1.00	Existing Load	В	Outlets Rm 106	1.00	360	1	20	1
ı	20	1	500	1.00	Existing Load	C	Existing Load	1.00	500	1	20	1
3	20	1	720	1.00	Outlets Rms 129,128	Α	Outlets Rm 139	0.90	360	1	20	1
;	20	1	500	1.00	Existing Load	В	Outlets Rm 139	1.00	360	1	20	
,	20	1	500	1.00	Existing Load	C	Outlets Rm 145	0.90	540	1	20	_
9	20	1	360	1.00	Outlets Rm 127	Α	Outlets Rm 137	1.00	720	1	20	2
l	20	1	360	1.00	Outlets Rm 127	В	Existing Load	1.00	500	1	20	2
3	20	1	180	1.00	Outlets Rm 129	C	Outlets Rm 139	0.90	360	1	20	2
5	20	1	360	1.00	Outlets Rm 145	Α	Existing Load	1.00	500	1	20	2
,	20	1	540	1.00	Outlets Rm 139	В	Outlets Rm 136	1.00	720	1	20	2
9	20	1	500	1.00	Existing Load	С	Outlets Rm 137	1.00	540	1	20	
•	20	1	500	1.00	Existing Load	Α	Existing Load	1.00	500	1	20	3
3	20	1	500	1.00	Existing Load	В	Existing Load	1.00	500	1	20	3
5	20	1	500	1.00	Existing Load	С	Existing Load	1.00	500	1	20	3
<u>5</u> 7	20	1	750	1.00	Med Clinic UC Ref	Α	New Office Recepts	1.00	360	1	20	3
9	20	1	360	1.00	Med Clinic AC/GFI	В	New Counsel Recepts	1.00	360	1	20	4
1	20	1	360	1.00	Med Clinic TVs	C	New Counsel Recepts	1.00	360	1	20	4
_	CONNEC	TED LOAD				(CALCULATED DEMAND LOA	 D:				
	PHA PHA	SE A (VA): SE B (VA): SE C (VA):	7,390 6,600				PHASE A (VA PHASE B (VA <u>PHASE C (VA</u> ULATED DEMAND LOAD (VA	A): 7,483 A): 6,600 A): 5,930				

VOLTAGE L-L:

VOLTAGE L-G:

Outlets Rm 103 B Outlets Bathroom 105,107 1.00

CALCULATED DEMAND LOAD:

PHASE C (VA): 7,613
CALCULATED DEMAND LOAD (VA): 21,937

PHASE A (VA): 7,284

PHASE B (VA): 7,040

LOAD DESCRIPTION Phase LOAD DESCRIPTION Outlets Rm 138 A Outlets Corridor 3 Recept Sink Outlet B Bathroom 151,152

Outlets Rm 142 C Existing Load Outlets Rms 104,138 A Lighting Rm 117

Outlets Rm 102 C Existing Load

Outlets Rm 102 A Refrigerator Outlets Rm 133 B Kitchen Outlet Outlets Rm 134 C Dishwasher Outlets Rms 126,133 A Outlets Rm 119

Outlets Rms 134,133 B Outlets Rm 118

Outlets Rms 133,111 C Garbage Disposal Outlets Rm 106 A Existing Load

Outlets Rm 106 B Outlets Rm 130 Outlets Rm 111 C Existing Load Outlets Rms 113,114 A Outlets Rm 130

Outlets Rm 109,110 B Server Rm Left

New Office Recept A Break Rm Ref Med Clinic Chair B Break Rm MW

Med Clinic Chair C Break Rm DW

Existing Load C Server Rm Right

PANEL SCHEDULE:

COMMENTS: Existing Panelboard

35 20 1 500 37 **20 1 180**

39 **20 1 800**

<u>41</u> **20 1** 800

PHASE A (VA): 7,248 PHASE B (VA): 7,040

PHASE C (VA): 7,796 TOTAL LOAD (VA): 22,084

NOTES:

1. New work shown in BOLD

CONNECTED LOAD:

1.00

2. E.C. shall remove all unused circuitry back to panels and label (type written) panel schedules "SPARE" and turn breaker to "OFF" position.

2. E.C. shall remove all unused circuitry back to panels and label (type written) panel schedules "SPARE" and turn breaker to "OFF" position.

BUS RATING: 100 Amperes 3Ø, 4-WIRE

MAIN C.B.: or M.L.O: 100A

MOUNTING: Surface

NO. AMPS POLE LOAD (VA) NEC Demand

<u>5</u> 20 1 540 1.00

_ ↑ COM <i>check</i> Software Version COMcheckWeb	
COMcheck Software Version COMcheckWeb Inspection Checklist Energy Code: 2021 IECC	
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] ¹	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.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.

oject Title: Ita filename:	The Bridge Wellness Center			Repo	ort date: Page	05/02/2 2 of
	1 High Impact (Tier 1)	2 Medium Impact (Ti	er 2) 3 Low Impa	ct (Tier 3)		
lditional C	comments/Assumptions:					
bul	bs and ballasts, transformers and introl devices.					
pro	standard are claimed. Information vided should include interior nting power calculations, wattage of					
	d document where exceptions to					

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4, C405.2.4. 1,	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.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.2.5 [EL27] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C405.7 [EL26] ²	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C405.8 [EL27] ²	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).	∟Not Applicable	Requirement will be met.
C405.9.1, C405.9.2 [EL28] ²	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.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.10 [EL29] ²	Total voltage drop across the combination of feeders and branch circuits <= 5%.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C405.1.1 [EL30] ²	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.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.11, C405.11.1 [EL31] ²	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.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
Addition	al Comments/Assumptions:		

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

Report date: 05/02/24 Page 4 of 5

Project Title: The Bridge Wellness Center

Project Title: The Bridge Wellness Center

Data filename:

Data filename:

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions	Section # & Req.ID	Final Inspection	
C405.2.3. l EL22] ¹	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.	□Complies □Does Not □Not Observable □Not Applicable		C303.3, C408.2.5. 2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	
C40E 2.1	Occupancy concers installed in	Complies	Dominor and will be made	C408.1.1	Building operations and maintenance	ijΕ

Page 3 of 5

	a reasonably uniform illumination pattern >= 50 percent.	∐Not Applicable	
C405.2.1, C405.2.1. 1 [EL18] ¹	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.		Requirement will be met.
C405.2.1. 2 [EL19] ¹	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways 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 timeswitch.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.2.1. 3 [EL20] ¹	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.	I I I	Requirement will be met.
C405.2.2, C405.2.2.	Each area not served by occupancy sensors (per C405.2.1.1) have timeswitch controls and functions detailed	□Complies □Does Not	Requirement will be met.

▲ COM*check* Software Version COMcheckWeb

The Bridge Wellness Center

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

2021 IECC

Alteration

Area Category

Fixture ID: Description / Lamp / Wattage Per Lamp / Ballast

Owner/Agent:

Project Information

8250 W 80th Avenue, Suite 8 Arvada, Colorado 80005

LED: A: 2'x4' Troffer: Other: LED: A1: 2'x2' Troffer: Other:

LED: C: 2" Cylinder Pendant: Other: LED: D: 4" Downlight: Other: LED: LP: 8' Linear Pendant: Other: LED: LP1: 96" Linear Pendant: Other: LED: P: 5" Globe Pendant: Other: LED: P1: 24" Ring Pendant: Other:

LED: P2: 32" Ring Pendant: Other:

LED: P3: 43" Ring Pendant: Other:

Interior Lighting Compliance

Project Title: The Bridge Wellness Center

applicable mandatory requirements listed in the Inspection Checklist.

LED: S: 4' Strip Light: Other:

nterior Lighting PASSES

Statement

Data filename:

LED: V: 24" Vanity Light: Other:

Allowed Interior Lighting Power

1-Medical Office Space (Health Care-Clinic)

Proposed Interior Lighting Power

Medical Office Space (Health Care-Clinic, 9100 sq.ft.)

LED: B: Linear Restroom Light (per foot: Other:

Energy Code:

Project Title:

Project Type:

Construction Site:

Interior Lighting Compliance Certificate

Designer/Contractor:

Allowed

Watts / ft2

Total Allowed Watts = 7371

B C D E Lamps/ # of Fixture (C X D)

30

85

40

Report date: 05/02/24

Page 1 of 5

Data filename:

1 111

Total Proposed Watts = 5423

0.81

Fixture Fixture Watt.

Allowed

Watts

7371

1710

111

40

Floor Area

9100

Project Titl	e: The Bridge Wellness Center	2 Medium Impa	act (Tier 2) 3 Low Impact (T	Report date: 05/02/24
C405.2.2, C405.2.2. 1 [EL21] ²	Each area not served by occupancy sensors (per C405.2.1.1) have timeswitch controls and functions detailed in sections C405.2.2.1.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.	
	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.	I I I I		

# & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3,	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C408.1.1 [FI57] ¹	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.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C408.2.5 [FI16] ³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
Additiona	al Comments/Assumptions:		
Additiona	al Comments/Assumptions:		
Additiona	al Comments/Assumptions:		

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



STAMP AND SIGNATURE:



ISSUED FOR: ISSUE DATE: 05.03.2024

 ∞

Data contained on these electronic files are part of the Engineer's instruments of service and shall remain the property of the Engineer. Such data shall not be used for any purpose other than for the completion of the referenced project. Any other use reuse or modification of the files without the Engineer's prior written consent, will be at the recipient's sole risk and without liability or legal exposure to the Engineer.

ELECTRICAL COMCHECK

SHEET NUMBER:

Report date: 05/02/24

Page 5 of 5

E002

PROJECT NUMBER: DK24.034

Key	Equipment	Equipment Load			Volt	Ø	Branch Circuit	Conduit	Disconnect		Panel-Circuit	Comment
		kW	HP	Amps	7		Conductors		Switch	Fuse	1	
UMPS												
RC-1	Recirculation Pump		1/2	9.8 A	120	1	2#12,#12G	3/4"	Sto	NA	PL4- 42	
MI-1	/A I (II ' (and a second second to	aabla\									
Notes:	(Apply to all equipment	wnere appil	cable)									
Notes: 1.	Field verify final location		,	I requirements of	of all equipm	ent with p	provider prior to any we	ork. Confirm all I	oreaker sizes w	ith nameplat	te data before ordering	
Notes: 1.		n and confirm	n electrica					ork. Confirm all I	oreaker sizes w	ith namepla	te data before ordering	
1.	Field verify final location	n and confirr de all work r	n electrica necessary	for a complete a	and code co	mpliant ir	stallation.			·		
1.	Field verify final location any materials and provi	n and confirr de all work r ntrols and wi	n electrica necessary ring as rec	for a complete a juired for proper	and code co	mpliant ir of equipm	stallation.			·		
Notes: 1. 2.	Field verify final location any materials and provi Provide line voltage con of controls with owner.	n and confirr de all work r ntrols and wi Controls sha	n electrica necessary ring as rec all be insta	for a complete a juired for proper led in an access	and code co operation c sible location	mpliant ir of equipm n.	stallation. ent. Field verify contro	I requirements v	vith equipment	orovider and		

5. Electric motors shall meet minimum efficiency requirements in accordance with IECC Tables C405.8(1-4).

AUTOMATIC RECEPTACLE CONTROLS WILL BE REQUIRED PER IECC

405.11(1) VERIFY FINAL LOCATION AND CONTROL METHOD WITH

a. AT LEAST 50% OF ALL 125V 15 AND 20AMP PERMANENTLY INSTALLED RECEPTACLES IN ENCLOSED OFFICES, CONFERENCE ROOMS,

iij. EXCEPTIONS INCLUDE SAFETY AND SECURITY AND RECEPTACLES

THAT CONTROL EQUIPMENT THAT IS REQUIRED TO RUN 24/7 365.

iik. 25% OF MODULAR FURNITURE RECEPTACLES MUST BE CONTROLLED

iil. RECEPTACLES CAN BE SPLIT CONTROLLED OR CONTROLLED IN

ENTIRETY IF LOCATED NO FURTHER THAN 12" AWAY FROM

ii.b. EACH DAY OF WEEK MUST BE ABLE TO BE PROGRAMMED

iii.c. ZONES OF RECEPTACLES CONTROLLED TOGETHER MUST NOT

iv.d. OCCUPANTS MUST BE PROVIDED WITH MANUAL OVERRIDE

i.a. USE THE SAME SENSOR(S) THAT CONTROL THE LIGHTING

i.a. USING SOMETHING LIKE A SECURITY SYSTEM THAT CAN TURN

PLUG LOADS OFF AFTER A SPACE IF VACANT FOR 20 MINUTES.

OVERRIDE OUTSIDE OF SCHEDULED HOURS.

SWITCH FOR EACH ZONE OF NO MORE THAN 2 HOURS

LOADS IN THE SPACE WITH ADDITIONAL POWER PACKS OR

ROOM CONTROLLERS FOR THE PLUG LOAD CIRCUITS,

COPY/PRINT ROOMS, BREAKROOMS, AND INDIVIDUAL WORKSTATIONS MUST BE SWITCHED OFF VIA ONE OF THREE

ARCHITECT AND TENANT.

METHODS LISTED BELOW.

i.a. SCHEDULE BASED CONTROL.

UNCONTROLLED RECEPTACLE.

EXCEED 5,000SF.

iw. OCCUPANCY SENSOR CONTROLS.

20-MINUTE MAX TIME-OUT.

j. SEPARATE SYSTEM CONTROLS

iim. SCHEDULE BASED CONTROLS REQUIRED:

i.a. ABILITY TO USE TIME OF DAY SCHEDULING.

ii.b. OCCUPANCY SENSOR CONTROLS.

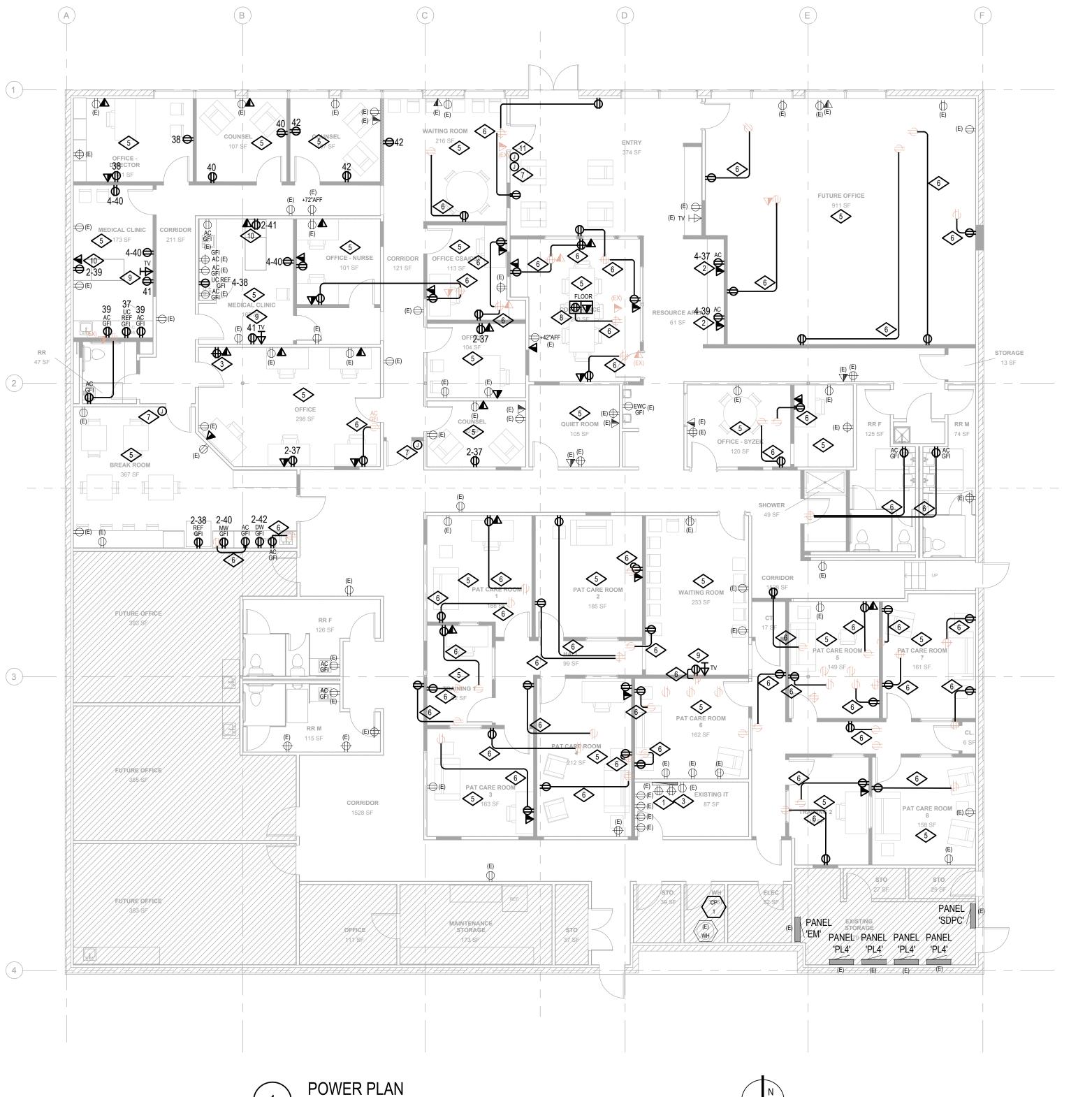
iii.c. A SEPARATE SYSTEM SUCH AS SECURITY SYSTEM.

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 TELE/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.
- 10. 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.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. RELOCATE DEVICE EXTEND EXISTING BRANCH CIRCUIT TO NEW DEVICE LOCATION AS INDICATED. MAINTAIN
- EXISTING CIRCUIT CONNECTION. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION. 7. CARD READER/ACCESS CONTROL DEVICE - PROVIDE J-BOX AND DATA RACEWAY. FIELD VERIFY REQUIREMENTS WITH TENANT/PROVIDER.
- 8. 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 880 OMNIBOX WITH TOPGUARD WITH QUAD OUTLET AND 2 TELE/DATA PORTS. FIELD VERIFY FINAL LOCATION OF DEVICES AND WIRING REQUIREMENTS.
- 9. 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.
- 10. 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..
- 11. DOORBELL PROVIDE PUSH-BUTTON, CHIME/BUZZER, AND TRANSFORMER AND CIRCUIT AS REQUIRED. VERIFY ALL PRODUCTS WITH OWNER PRIOR TO ANY WORK.



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

7498 West Layton Place Littleton, Colorado 80123 303.918.9475 Dawn@dkellereng.com

STAMP AND SIGNATURE:



∞

ISSUE DATE: SSUED FOR:

Data contained on these electronic files as part of the Engineer's instruments o service and shall remain the property of the Engineer. Such data shall not be used for any purpose other than for the completion of the referenced project. Any other us reuse or modification of the files without the Engineer's prior written consent, will be at the recipient's sole risk and without liability or legal exposure to the Engineer.

POWER PLAN

SHEET NUMBER:

PROJECT NUMBER:

Label	Light Fixture Description	Specification	Lamping	Voltage	May 2, 2024 Mounting	Comme
	•	Specification	Lamping	voltage	wiouriting	Comme
erior Li	2'x4' Center Basket Troffer	Dartes Liebtines as Farrel	45W LED	100/077	Recessed	1
Α	2 X4 Center Basket Troller	Portor Lighting or Equal		120/277	Recessed	'
Λ / Γ λ λ	Compa do Fishuro Turno IAI	PT-TRO-24-3CP	Selectable CCT/80CRI	120/277	Dannand	1
A/EM	Same as Fixture Type 'A'	Portor Lighting or Equal	45W LED	120/277	Recessed	1
A1	with 90-minute Battery Backup 2'x2' Center Basket Troffer	PT-TRO-24-3CP-EM	Selectable CCT/80CRI 30W LED	120/277	Recessed	1
AI	2 X2 Center basket fromer	Portor Lighting or Equal PT-TRO-22-3CP	Selectable CCT/80CRI	120/211	Recessed	'
A1/EM	Same as Fixture Type 'A1'	Portor Lighting or Equal	30W LED	120/277	Recessed	1
A I/EIVI	with 90-minute Battery Backup	PT-TRO-22-3CP-EM	Selectable CCT/80CRI	120/211	Recessed	'
В	Linear LED 2" Wide Restroom Light	Cooper Neoray or Equal	2.9W LED per foot	120/277	Surface	1
Ь	Lineal LED 2 Wide Restroom Light	S122DS-C290D835JB-4F0-1-UDD-A-W	3500K/80CRI	120/211	Suriace	'
С	2" Shallow Round Cylinder Pendant	Cooper Portfolio or Equal	11W LED	120	Suspended	1
	2 Shallow Round Cylinder Pendant	LSR2B10D010MB	3500K/80CRI	120	Suspended	'
D	4" Downlight	Portor Lighting or Equal	12W LED	120/*277	Recessed	2
	Direct Mounting, No Recessed Housing Needed	PT-CDL2-4I-5C3P	Selectable CCT/93CRI	120/ 211	Necesseu	
LP	Linear LED 4" Wide Office Light dimmable	Cooper Neoray or Equal	40W LED	120/277	Suspended	1
	1952lumen indirect 2576lumen direct	S124DIP-ULO-L1-40-SC48-0048-1D-U-DD-1W	4000K/85CRI	120/211	Suspended	'
LP1	96" Flair Linear Pendant - Conference Room	Blackjack Lighting	50W LED Max	120/277	Suspended	1
LPI	90 Flaii Lilleai Felloaitt - Collieleite Rootti	FLR-96L-BL-27U-35K-ME	3500K/80CRI	120/211	Suspended	'
Р	5" Acrylic Globe Mini Pendant	Blackjack Lighting	5W LED Max	120/277	Suspended	1
	7 Actylic Globe Willi'r eridant	SP-GLL-CL-05-BL-35K-5W-SP5	3000K/90CRI	120/211	Ouspended	'
P1	24" Decorative Ring Pendant	Blackjack Lighting	43W LED Max	120/277	Suspended	1
	24 Decorative Ming Feridant	CIR-24P-BL-27U-30K	3000K/90CRI	120/211	Ouspended	'
P2	32" Decorative Ring Pendant	Blackjack Lighting	85W LED Max	120/277	Suspended	1
	32 Decorative Ming Feridant	CIR-32P-BL-27U-30K	3000K/90CRI	120/211	Ouspended	'
P3	43" Decorative Ring Pendant	Blackjack Lighting	111W LED Max	120/277	Suspended	1
	40 Decorative rang r chaint	CIR-43P-BL-27U-30K	3000K/90CRI	120/211	Odopondod	'
S	4' Lensed LED Strip Light	Portor Lighting or Equal	40W LED	120/277	Surface	
	4 Ecrised LED Outp Light	PT-LS1-4FT-3CP	Selectable CCT/80CRI	120/211	Guilacc	
V	2' Vanity Light	Blackjack Lighting	21W LED	120	Surface	+
	2 variity Light	VEC-24V-SN-12T-XXK	3000K/90CRI	120	Guilacc	
nergenc	y Exit Signs and Egress Lighting	VEO 24V ON 121 /VAN	000014000141			
X	LED Exit Sign	Cooper Surelites	1.33W Max. LED	120/277	Surface	
	with 90-Minute Battery Pack	APX7X	color per local code	,		
XEM	Combination Exit Sign/Emergency Egress Light	Cooper Surelites	1.33W Max. LED	120/277	Surface	
**	with 90-Minute Battery Pack and dual heads	APC7X	color per local code	,		
EM	Emergency Dual Head LED Frog Eye	Cooper Surelites	.33W LED	120/277	Surface	+
	with 90 minute Battery	APEL			2 2	
XR	Exterior Emergency Egress Light	Cooper Surelites	(3) 6V, 6W Xenon	120/277	Surface	2,3
	with 90-Minute Battery Pack	AEL2SD	Included			
TES: A	pply to all fixtures where applicable	/ LEEOS	morado			

- in the voltage of the circuiting on the drawings and the luminiare 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/ballast/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.

MMENTS: 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.
- COLD WEATHER Provide fixture with Cold-Weather Driver/Ballasts/Battery for fixtures installed outdoor

LIGHTING CONTROL NOTES:

- 1. 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.
- 2. 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.
- 4. 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).
- 7. PROVIDE 10 MINUTE TIME (OFF) DELAYS IN STORAGE ROOMS AND SMALL RESTROOM'S, ALL OTHERS SHALL HAVE 20 MINUTE DELAYS.
- 8. 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.
- 10. 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.
- 11. LOW VOLTAGE WIRING ABOVE ACCESSIBLE CEILINGS PERMITTED WHERE PLENUM RATED AND INSTALLED PER CODE REQUIREMENTS.
- 12. 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.
- 13. 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.
- 14. 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:

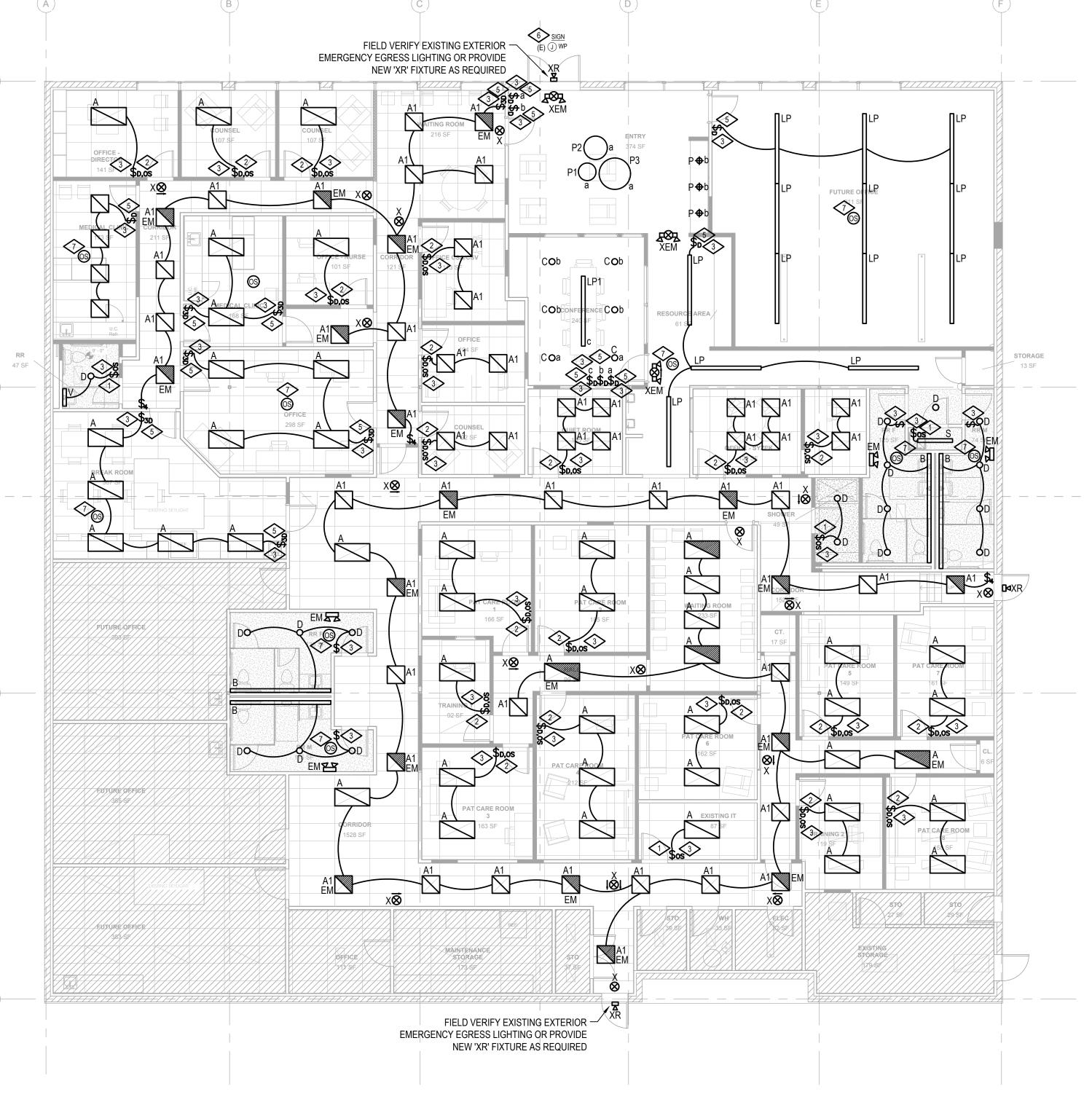
- 1. CONNECT EGRESS LIGHTING FIXTURES AND EXIT SIGNS TO AREA LIGHTING CIRCUIT AHEAD OF ANY SWITCH PER NEC 700.12(I) INCLUDING ANY NIGHT LIGHTS. FIXTURES SHOWN SHADED OR LABELED ARE EMERGENCY EGRESS (EM) WITH BATTERY PACK, NIGHT LIGHT (NL) OR BOTH (EM/NL).
- 2. PROVIDE OUTLET IN ACCESSIBLE LOCATION AT TENANT ENTRANCE FOR SIGN PER NEC 600.5.
- 3. EXIT SIGNS TYPE 'X' AND/OR 'XEM' AND EGRESS LIGHTS TYPE 'EM' SHALL BE NEW WITH EMERGENCY
- BATTERY PACK, MATCH EXISTING BUILDING STANDARD FIXTURES. 4. PROVIDE NEUTRAL AND GROUND CONDUCTORS THROUGHOUT ALL LIGHTING BRANCH CIRCUITS INCLUDING ALL SWITCH OR LIGHTING CONTROL DEVICE LOCATIONS IN ACCORDANCE WITH NEC.
- 5. 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:

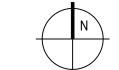
- WALLSWITCH OCCUPANCY SENSOR PROVIDE DUAL TECHNOLOGY GREENGATE ONW-D-1001-MV-N-* OR
- 2. DIMMING WALLSWITCH OCCUPANCY SENSOR PROVIDE DUAL TECHNOLOGY WATTSTOPPER DW-311* OR EQUAL RATED FOR CONNECTED LOAD TYPE AND WATTAGE COMPATIBLE WITH ALL CONNECTED LIGHT FIXTURES. PROVIDE LOW VOLTAGE WIRING FOR ANY 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.

- 5. 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.
- 6. 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.
- 7. 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.



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







∞

ISSUE DATE: SSUED FOR:

Data contained on these electronic files as part of the Engineer's instruments o service and shall remain the property of the Engineer. Such data shall not be used fo any purpose other than for the completion of the referenced project. Any other us reuse or modification of the files without the Engineer's prior written consent, will be at the recipient's sole risk and without liability or legal exposure to the Engineer.

LIGHTING PLAN

SHEET NUMBER:

PROJECT NUMBER: