GENERAL PROJECT NOTES THIS PROJECT AND ALL WORK ASSOCIATED WITH PROJECT SHALL CONFORM TO STATE AND LOCAL CODES AND ORDINANCES HAVING JURIDICTION OVER THIS PROJECT. THE TERM "ARCHITECT" OR "DESIGNER" AS USED IN THESE DOCUMENTS REFERS TO DESIGN THE DESIGN ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. DURING DEMOLITION AND/OR CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY THE STRUCTURAL ENGINEER OR THE DESIGNER SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OF PROCEDURE, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, ALL OF WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OF PLANS FOR BID PURPOSES PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR EXAMINING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ITEMS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE DESIGNER BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK. ALL WORK NOTED "N.I.C." OR "NOT IN CONTRACT" IS TO BE ACCOMPLISHED BY A CONTRACTOR OTHER THAN THE GENERAL CONTRACTOR AND IS NOT TO BE PART OF THE CONSTRUCTION AGREEMENT. THE GENERAL CONTRACTOR SHALL COORDINATE WITH "OTHER" CONTRACTORS PER REQUIREMENTS ESTABLISHED BY OWNER AND TENANT. CONTRACTOR SHALL MAINTAIN RECORD DOCUMENTS OF CONSTRUCTION CHANGES ("AS-BUILT DRAWINGS") AND SHALL PROVIDE SAID DOCUMENTATION TO THE DESIGNER UPON COMPLETION OF CONSTRUCTION - NO EXCEPTION ALLOWED. THE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OTHER DRAWINGS, AND JOB SPECIFICATIONS ARE SUPPLEMENTARY TO ARCHITECTURAL CONSTRUCTION DRAWINGS. ANY DISCREPANCY BETWEEN THESE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE TO COORDINATE WITH ALL SUBCONTRACTORS PER REQUIREMENTS ESTABLISHED BY OWNER, TENANT, OR BOTH. WHICH ARE UNDER SEPARATE CONTRACT WITH THE OWNER, OR TENANT, OR BOTH. ANY WORKS INSTALLED IN CONFLICT WITH THE CONSTRUCTION DRAWINGS, WITHOUT THE PRIOR APPROVAL OF THE OWNER AND THE ARCHITECT SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. INSTALL ALL MANUFACTURED ITEMS, MATERIALS, AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, U.O.N. THE INTENT OF DRAWINGS AND SPECIFICATIONS IS TO INCLUDE ALL LABOR, MATERIALS AND SERVICES NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN, DESCRIBED, OR REASONABLY IMPLIED, BUT NOT LIMITED TO THAT EXPLICITLY INDICATED IN THE CONTRACT THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR THAT WILL CAUSE A DELAY IN THE CONSTRUCTION COMPLETION SCHEDULE. THE CONTRACTOR SHALL SUBMIT CONFIRMATIONS OF DELIVERY DATES FOR ORDERS OF MATERIALS AND EQUIPMENT HAVING LONG LEAD TIMES. ALL REQUESTS FOR SUBSTITUTIONS OF ITEMS SPECIFIED SHALL BE SUBMITTED IN WRITING AND WILL BE CONSIDERED ONLY IF BETTER SERVICE FACILITIES, A MORE ADVANTAGEOUS DELIVERY DATE, OR A LOWER PRICE WITH CREDIT TO THE OWNER/ TENANT WILL BE PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE, AND FUNCTION, UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUBMIT ONE (1) SET OF SHOP DRAWINGS. SHOP DRAWINGS SHOULD INCLUDE DETAILED, FABRICATION, AND ERECTION DRAWINGS, SETTING DRAWINGS, DIAGRAMMATIC DRAWINGS, AND MATERIAL SCHEDULES. LOCATION AND ORIENTATION OF ALL ITEMS SHOULD BE CLEARLY INDICATED. BEGIN FABRICATION OF SHOP ITEMS AFTER RECEIVING DESIGNER'S PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THESE PLANS - SUBSTITUTIONS FOR SPECIFIED MATERIALS REQUIRE THE WRITTEN APPROVAL FROM THE DESIGNER. THE DESIGNER'S REVIEW OF SHOP DRAWINGS SHALL NOT RELIEVE THE GENERAL CONTRACTOR OR SUBCONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS UNLESS HE HAS, IN WRITING, AND BROUGHT TO THE ATTENTION OF THE DESIGNER SUCH DEVIATIONS AT THE TIME OF THE SUBMISSION, NOR SHALL IT RELIEVE HIM (GENERAL CONTRACTOR) FROM RESPONSIBILITY FOR ERRORS OF ANY SORT IN THE SHOP DRAWINGS. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OR CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE STATE LABOR DEPARTMENT IN COMPLIANCE WIT CURRENT LABOR CODES. PROVIDE CONTINUOUS INSPECTIONS AS SET FORTH IN STATE AND LOCAL CODES AND PER CONTRACT DOCUMENTS AS NEEDED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING PERMITS PRIOR TO STARTING CONSTRUCTION. PRIOR TO THE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY FOR THIS PROJECT, THE GENERAL CONTRACTOR SHALL SUBMIT A SIGNED CERTIFICATE TO THE DEPARTMENT OF BUILDING AND SAFETY STATING THAT ALL WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS AFFECTING NON-RESIDENTIAL UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS REPONSIBLE FOR EMERGENCY RESPONDER RADIO COVERAGE TESTING AND COMPLIANCE. CONTRACTOR SHALL VERIFY ALL BUILDING STANDARDS WITH BUILDING LANDLORD PRIOR TO BEGINNING ANY WORK. HOWEVER, THERE SHALL BE NO DEVIATIONS WHATSOEVER FROM THE CONTRACTOR DOCUMENTS WITHOUT THE DESIGNER'S WRITTEN APPROVAL THEREOF THE CONTRACTOR AGREES TO DEFEND, INDEMNIFY AND HOLD THE DESIGNER HARMLESS FROM ANY CLAIMS ARISING AS A RESULT OF UNAPPROVED CHANGES.

DRAWING NOTES:

- UNLESS OTHERWISE NOTED OR INDICATED, ALL DIMENSIONS ON THESE DOCUMENTS SHALL BE TO FACE OF CURB, FACE OF CONCRETE OR MASONRY, FACE OF FINISH OR CENTERLINE
- ALL VERTICAL DIMENSIONS SHOWN ARE FROM FLOOR SLAB, U.O.N.
- DIMENSIONS SHOWN IN FIGURES TAKE PRECEDENCE OVER DIMENSIONS SCALED FROM DRAWINGS. LARGE SCALE DRAWINGS AND DETAILS TAKE PRECEDENCE OVER SMALLER
- "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS THE SAME OR REPRESENTATIVE FOR ALL SIMILAR CONDITIONS THROUGHOUT, U.O.N.
- DETAILS ARE USUALLY KEYED AND NOTED "TYPICAL" ONLY ONCE, WHEN THEY FIRST OCCUR AND ARE REPRESENTATIVE OF ALL SIMILAR CONDITIONS THROUGHOUT, U.O.N.
- THE TERM "ALIGN", AS USED IN THESE DOCUMENTS, SHALL MEAN TO ACCURATELY LOCATE
- COLUMN CENTERLINES (GRID LINES) ARE SHOWN FOR DIMENSIONING PURPOSES.
- WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK IN THE SAME BUILDING.

INTERIOR/ EXTERIOR NOTES:

- CONTRACTOR, ALONG WITH MECHANICAL CONTRACTOR, SHALL PROVIDE AND LOCATE ACCESS DOORS/ PANELS IN WALL & CEILING CONSTRUCTION AS REQUIRED TO PROVIDE ACCESS TO MECHANICAL, FIRE SPRINKLER, PLUMBING & ELECTRICAL WORK. CONTRACTOR SHALL SUBMIT A PLAN OF ALL PROPOSED ACCESS PANEL LOCATIONS TO ARCHITECT FOR
- WHERE ELECTRICAL, MECHANICAL, AND/ OR PLUMBING ITEMS, SUCH AS LIGHTS, DUCTS, PIPING, DOWNSPOUTS, ETC ARE TO PENETRATE ANY BUILDING FOOTINGS, SLABS, FLOORS, STRUCTURAL FRAMING, WALL PARTITIONS, CEILING ETC. IT IS REQUIRED THAT AN APPROPRIATELY SIZED OPENING OR CLEARANCE BE FURNISHED. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL ITEMS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO THE INSTALLATION OF STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK. ANY CONFLICT OR DISCREPANCY WITHIN CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION.
- WHERE OCCURS, CONTRACTOR SHALL PATCH ANY EXISTING WALLS AND/OR CEILINGS AS NEEDED TO REFURBISH THE LEASE SPACE AND REPAIR ALL DAMAGES CAUSED BY
- ALL PENETRATIONS AT RATED CONSTRUCTION SHALL BE PROTECTED TO MAINTAIN RATING.
- INTERIOR WALLS AND CEILINGS SHALL BE INSTALLED IN ACCORDANCE TO STATE & LOCAL CODES, INCLUDING REQUIREMENTS FOR FLAME SPREAD AND SMOKE DENSITY RATINGS FOR
- WHEN USED, ALL NOISE BARRIER BATTS (SOUND INSTALLATION) AND INSULATION BATTS
- SHALL BE NON-COMBUSTIBLE AND SHALL NOT CONTAIN OR UTILIZE OZONE DEPLETING COMPOUNDS. OUR FIELD VERIFICATION IS BASED ON THOSE BUILDING ELEMENTS WHICH ARE
- ALL NEW CONSTRUCTION MATERIALS SHALL BE 100% ASBESTOS-FREE

JOB SITE NOTES:

WHERE EXISTING TENANTS/ BUSINESSES ARE ADJACENT TO THE JOB SITE/ TENANT, THE CONTRACTOR SHALL MINIMIZE CONSTRUCTION NOISE - EXTREME NOISE CONSTRUCTION SHALL OCCUR AT NON-TYPICAL BUSINESS HOURS. CONTRACTOR SHOULD NOTIFY BUILDING REPRESENTATIVE OF SPECIAL CIRCUMSTANCES IN ADVANCE PRIOR TO WORK.

IMMEDIATELY AND READILY VISIBLE WITHOUT THE USE OF DEMOLITION OR REMOVAL OF

- CONSTRUCTION DEBRIS AND WASTES SHALL BE DEPOSITED AT AN APPROPRIATE SITE. THE CONTRACTOR SHALL INFORM THE BUILDING REPRESENTATIVE OF THE LOCATION OF
- THE CONTRACTOR, AT OWN EXPENSE, SHALL KEEP THE PROJECT AND SURROUNDING AREA FREE FROM DUST AND DEBRIS. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR AND WATER POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT
- THE CONTRACTOR SHALL PROVIDE PEDESTRIAN PROTECTION, WHERE REQUIRED PER
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL CLEANING OF THE JOB AFTER COMPLETION. WHERE APPLICABLE, CLEANING SHALL INCLUDE, BUT NOT BE LIMITED TO, THE EXTERIOR AND THE INTERIOR OF THE BUILDING. THE PATH OF TRAVEL TO THE JOB SITE. PARKING LOTS, ELEVATORS, LOBBIES, AND CORRIDOR CARRPETS.
- WHERE EXISTING TENANTS/BUSINESSES ARE ADJACENT TO THE JOB SITE/TENANT. THE CONTRACTOR SHALL PROVIDE PROTECTION (AS REQUIRED) AT ALL ADJACENT PUBLIC AREAS AND ALONG PATH OF TRAVEL TO THE JOB SITE DURING CONSTRUCTION FROM CONSTRUCTION MATERIAL DEBRIS OR DAMAGE, INCLUDING COVERING EXISTING FLOORING, WALLS, ELEVATOR CABS, STAIRS, RAILINGS, FURNITURE, LIGHT FIXTURES, PLUMBING FIXTURES, ETC. CONTRACTOR TO CONFIRM/INFORM BUILDING REPRESENTATIVE OF PLACEMENT, DURATION, AND LOCATION OF PROTECTED AREAS PER THE WORK BEING
- IF TRENCHES OR EXCAVATIONS 5'-0" OR MORE IN DEPTH ARE REQUIRED, OBTAIN ISSUANCE
- CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF SUPPLY AND RETURN AIR GRILLES, DIFFUSERS & DUCTS TO KEEP DUST FROM ENTERING INTO BUILDING AIR
- NO HAZARDOUS MATERIALS SHALL BE USED OR STORED WITHIN THE BUILDING WHICH DOES NOT COMPLY WITH THE LOCAL FIRE AUTHORITY AND STATE COUNTY REQUIRMENTS.
- BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE DONE SO IN ACCORDANCE WITH STATE & LOCAL CODES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE BUILDING AND SITE WHILE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES.

VICTORY MEN'S HEALTH

9619 E. COUNTY LINE ROAD, SUITE F CENTENNIAL, CO 80112

88 INVERNESS CIRCLE E, J101 ENGLEWOOD, CO 80112 720.724.3149 info@designstudio-blue.com

STATMENT OF QUALIFICATIONS

In accordance with C.R.S. 12-120-403(6)(a). I certify that I have met the education and experience requirements of and have subsequently passed the qualification examination promulgated by the National Council for Interior Design Qualification.

NCIDQ Certificate Number: 158104 NCIDQ confirmation available at 202.721.0220 or online: https://myncidqu.useclarus.com/certifiationverification

I currently hold professional liability coverage Insurance carrier: Sentinel, Hartford Fire, Travelers Policy Number: <u>1100,19682,19038</u>

Rebecca Garcia	5/27/2
Qualified Interior Designer's Signature	Date

BUILDING AND CODE INFORMATION

CITY OF CENTENNIAL, CO BUILDING DEPARTMENT

2024 CENTENNIAL PROPERTY MAINTENANCE CODE 2021 INTERNATIONAL BUILDING CODE

2021 INTERNATIONAL EXISTING BUILDING CODE 2021 INTERNATIONAL PLUMBING CODE 2021 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL ENERGY CONSERVATION CODE

2021 INTERNATIONAL FIRE CODE 2023 NATIONAL ELECTRICAL CODE 2017 ICC A117.1 AMERICAN NATIONAL STANDARD

2021 INTERNATIONAL FUEL GAS CODE

SPRINKLERED

OCCUPANCY CLASSIFICATION: GROUP B - BUSINESS

HT: 1 STORY

TENANT SQ.FT: 1,996

OCCUPANCY LOAD FACTOR: 1 OCCUPANT/150 SQ. FT TENANT: 1,996 SQ.FT/150 = 14

SEE OCCUPANCY BY TYPE CHART

32" MIN CLEAR EXIT WIDTH REQ'D, 32" MIN PROVIDED TOTAL SUITE EXITS REQUIRED: (1) REQ'D/ (2) PROVIDED

TOTAL SUITE RESTROOM REQ'D: (2) REQ'D / (2) PROVIDED TOTAL SUITE LAVATORIES REQ'D: (1) / (2) PROVIDED TOTAL SUITE DRINKING FOUNTAINS REQ'D: (1) / (2) PROVIDED

MAX TRAVEL DISTANCE TO EXIT: 63' - 3" 300 FT ALLOWED - SPRINKLERED

PROJECT DESCRIPTION

2ND GENERATION INTERIOR BUILD OUT OF A NEW MEDICAL OFFICE. NEW WALLS, CEILING AND FINISHES THROUGHOUT. NO CHANGE TO EGRESS DOORS.

SHEET INDEX

INTERIORS

I100 **COVER SHEET GENERAL NOTES & ABBREVIATIONS**

SCOPE OF WORK & EGRESS PLAN **DEMOLITION PLAN**

1300 PARTITION PLAN I301 PARTITION KEYPLAN 1400 FINISH LEGEND I401 INTERIOR FINISH PLAN

REFLECTED CEILING PLAN POWER & SIGNAL PLAN 1700 **ELEVATIONS**

ELEVATIONS 1702 **ENLARGED PLANS & RESTROOM ELEVATIONS**

1703 MILLWORK DETAILS 1704

WALL & CEILING DETAILS

ELECTRICAL

E000 ONE LINE, NOTES AND SCHEDULES

ELECRICAL COMCHECK POWER PLAN E200 LIGHTING PLAN

MECHANICAL

MECHANICAL COVER SHEET MECHANICAL FLOOR PLAN

MECHANICAL SCHEDULE AND DETAILS

PLUMBING

PLUMBING COVER SHEET PLUMBING FLOOR PLAN PLUMBING SCHEDULE AND DETAILS

CONSULTANT: CONSULTANT SEAL:

REVISIONS

DESCRIPTION

CONSULTANT PROJECT NO.:

TENANT

VICTORY MEN'S HEALTH

9619 E. COUNTY LINE ROAD, SUITE F

CENTENNIAL, CO 80112

88 INVERNESS CIRCLE EAST, J101 ENGLEWOOD, CO 80112

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PROJECT MANAGER

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C: 303-918-9475

CRIS BROWN

DAWN KELLER DAWN@DKELLERENG.COM D. KELLER ELECTRICAL DESIGN 7498 WEST LAYTON PLACE

CONSULTANTS

MECHANICAL/PLUMBING ENGINEER

CBROWN@MECENGR.COM DESIGNER MEC INC. 4640 PECOS ST. UNIT F. **DENVER, CO 80211** C: 303-322-2572

VICINITY MAP

- 9619 E COUNTY LINE ROAD World Market (a) HomeGoods (bepartness store

SCOPE OF WORK





SHEET NAME:

SSUE DATE

COVER SHEET

ISSUED FOR:

PROJECT NO:

SHEET NO:

PERMIT

5/27/2025 DESIGNED:

As indicated

2025.22

VERIFY LOCATIONS OF EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL UTILITIES. LOCATE AND PROTECT UTILITIES TO REMAIN. DISCONNECT, REMOVE BACK TO NEAREST JUNCTION BOX OR PANEL, AS REQUIRED, AND CAP DESIGNATED UTILITIES WITHIN THE DEMOLITION AREA. REFER TO THE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFO.

WHERE PLUMBING FIXTURES ARE BEING REMOVED OR WHERE EXPOSED PLUMBING PIPES OCCUR. CAP LINES BEHIND FINISHED SURFACES. PATCH AND REPAIR AS REQUIRED

ALL EXISTING CONSTRUCTION WHERE INDICATED INCLUDING ELECTRICAL. TELEPHONE. PLUMBING. AND MECHANICAL DEVICES NOT OTHERWISE INDICATED ON THESE CONSTRUCTION DRAWINGS SHALL BE REMOVED IN A CAREFUL MANNER SO AS NOT TO DAMAGE ADJOINING CONSTRUCTION.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HERE ON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF HIS WORK.

THE CONTRACTOR WILL VERIFY AND CONFORM TO ALL REQUIREMENTS OF ALL UTILITY COMPANIES UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS.

EXISTING ELECTRICAL AND TELEPHONE OUTLETS LOCATED ON DEMOLISHED WALLS ARE TO BE REMOVED INCLUDING CONDUIT AND WIRING BACK TO JUNCTION BOX. LOCATIONS ARE TO BE PATCHED AND REPAIRED TO BE FLUSH WITH ADJACENT WALL SURFACE.

ALL EXISTING BUILDING UTILITIES SHALL REMAIN IN OPERATION DURING CONSTRUCTION. PROVIDE REROUTING OF UTILITIES SERVING ADJACECENT AREAS THAT ARE TO MAINTAIN UNINTERRUPTED SERVICE. ANY TEMPORARY SUSPENSION OF SERVICE SHALL BE COORDINATED AND APPROVED BY THE FACILITY MANAGER, NOT LESS THAN 24 HOURS IN ADVANCE.

THE DEMOLITION PLAN KEYNOTES ARE DIAGRAMMATIC AND GENERAL IN NATURE. THE INTENT IS TO ILLUSTRATE THE COMPLETE DEMOLITION OF THE SPACES INDICATED UNLESS NOTED OTHERWISE. FIELD VERIFICATION OF EXISTING CONDITIONS AND SPECIFIC QUANTITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR. VERIFY THE HAULING ROUTE THROUGH THE BUILDING, THE DEMOLITION STAGING AREA, AND THE LOCATION OF THE DUMPSTERS WITH THE OWNER PRIOR TO THE START OF DEMOLITION. DISPOSAL OF RUBBISH SHALL BE DONE IN A LEGAL MANNER.

REMOVAL AND DISPOSAL OF DEMOLITION DEBRIS IS THE RESPONSIBILITY OF

11. IN ORDER TO INSTALL SOME OF THE NEW WORK (INCLUDING, BUT NOT LIMITED TO MECHANICAL, PLUMBING, OR FLECTRICAL) IT WILL BE NECESSARY FOR THE CONTRACTOR AND HIS SUBCONTRACTORS TO REMOVE AND RFPI ACF (OR REFINISH) EXISTING WALLS. FLOORS, OR CEILING IN THE AREAS OF THE BUILDING NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL INCLUDE ALL RELATED COSTS IN HIS BASE BID, WHETHER SHOWN ON THESE

12. THE OWNER RESERVES THE RIGHT TO SALVAGE ANY DEMOLISHED ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE OWNER PRIOR TO THE START OF DEMOLITION. REMOVE. PROTECT, CLEAN, REPAIR AND REUSE AND TURN OVER SUCH ITEMS AS DIRECTED BY THE OWNER.

13. NO STRUCTURAL ELEMENTS ARE INCLUDED IN THIS SCOPE OF WORK.

14. PROTECT ADJACENT SPACES NOT SCHEDULED FOR DEMOLITION. PATCH AND REPAIR DAMAGED FINISHES. ITEMS AND FIXTURES TO REMAIN AND/OR REPLACE IN KIND TO MATCH EXISTING FROM DAMAGE DURING TH PROGRESS OF THE WORK. PROVIDE TEMPORARY SAFETY BARRIERS REQUIRED BY CODE AND AS INDICATED TO INSURE PUBLIC SAFETY AND TO ALLOW BUILDING OCCUPANCY. CONTRACTOR TO SUBMIT FOR APPROVAL BARRIER LOCATIONS, AND METHOD OF CONSTRUCTION THE THE DESIGNER.

15. PROVIDE ADEQUATE SHORING, BRACING, BARRICADES AND PROTECTIVE MEASURES AS REQUIRED TO SAFELY EXECUTE THE WORK IN THE CONSTRUCTION AREA AND THE AREAS ADJACENT TO THE CONSTRUCTION AREA. CEASE OPERATIONS AND NOTIFY THE DESIGNER IMMEDIATELY IF THE STRUCTURE APPEARS TO BE ENDANGERED. DO NOT RESUME OPERATIONS UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN.

FROM ENTERING OTHER PORTIONS OF THE FACILITY. SUBMIT BARRIER LOCATIONS TO THE DESIGNER FOR APPROVAL, PRIOR TO INSTALLATION. PROVIDE TEMPORARY NON-COMBUSTIBLE CONSTRUCTION BARRIERS WHERE

CONSTRUCTION AREA. PROVIDE ALL MEANS NECESSARY TO INHIBIT DUST

PROVIDE DUST BARRIERS AROUND OPENINGS, TO AND FROM THE

REQUIRED BY CODE AND THE GOVERNING FIRE AUTHORITY. MINIMUM

A. FULL HEIGHT WALL FROM FLOOR TO CEILING

B. STUDS AT 24" O.C., WITH 5/8" TYPE 'X' GYPSUM BOARD.

C. NON-COMBUSTIBLE ACCESS DOOR WITH (3) HINGES AND SPRING CLOSER CONTRACTOR SHALL MAINTAIN REQUIRED MEANS OF EGRESS AND ENSURE THAT EXIT ROUTES ARE SIGNED, LIGHTED AND PROTECTED IN ACCORDANCE

WITH CODE REQUIREMENTS. RELOCATE EXISTING AND/OR PROVIDE SMOKE PROTECTORS AND LIFE SAFETY EQUIPMENT FOR ADEQUATE COVERAGE.

19. CUT RIGID MATERIALS USING MASONRY SAW OR CORE DRILL. PNEUMATIC TOOLS ARE NOT ALLOWED WITHOUT PRIOR APPROVAL.

20. ALL CORE DRILLING OR OTHER NOISY WORK SHALL BE SCHEDULED 48 -HOURS IN ADVANCE WITH THE OWNER.

21. SURVEY EXISTING FLOORS AND CLEARLY MARK ON FLOOR SURFACE THE LOCATIONS OF ALL BEAMS AND JOISTS. MARK ALL CORE DRILL PENETRATIONS AND RECEIVE STRUCTURAL ENGINEER'S APPROVAL PRIOR

22. APPLY CEMENT BASE FLOOR PATCH AS REQUIRED TO FILL DINGS, NAIL HOLES, CHIPS AND CRACKS.

23. AT FLOOR AREAS SCHEDULED TO RECEIVE NEW FLOOR COVERING, REMOVE EXISTING FLOOR COVERING AND PREPARE SUBSTRATE FOR NEW FLOOR COVERING PER SPECIFICATIONS AND MANUFACTURER'S REQUIREMENTS.

24. AT ABANDONED PENETRATIONS OF FIRE RATED WALLS, CEILING OR FLOOR CONSTRUCTION, COMPLETELY SEAL VOIDS WITH FIRE-RATED MATERIAL TO FULL THICKNESS OF THE PENETRATED ELEMENT. ALL PATCHING OF EXISTING WORK TO REMAIN SHALL MATCH FINISH PER SCHEDULE OR WHERE UNSCHEDULED TO MATCH EXISTING FINISHES TO REMAIN, AND SHALL MEET OR EXCEED FIRE RATING INDICATED ON FLOOR PLAN AND AS REQUIRED BY THE FIRE/ LIFE SAFETY INSPECTOR.

25. DO NOT PERFORM ANY WORK THAT WILL VOID WARRANTIES OF EXISTING WEATHER EXPOSED OR MOISTURE RESISTANT ELEMENTS WITHOUT PRIOR APPROVAL FROM THE OWNER.

COORDINATE EXISTING SPRINKLER LINE AND HEAD LOCATION WITH NEW PLAN. SUBMIT SPRINNKLER SHOP DRAWINGS TO DESIGNER FOR REVIEW WITH THE CITY FIRE DEPARTMENT. CONTRACTOR IS RESPONSIBLE FOR BUILDING SECURITY DURING

AND SECURE THEM TO PREVENT VANDALISM. 28. ARCHITECT ASSUMES NO RESPONSIBILITY RELATING TO ANY TOXIC MATERIALS, INCLUDING ASBESTOS, AND ASSUMES NO RESPONSIBILITY TO ITS EXISTENCE OR REMOVAL. THE OWNER WILL TAKE ACTION FOR DIRECTLY

CONTRACTING WITH A CONSULTANT OR SPECIALIST, LICENSED BY THE

DEMOLITION PHASE. PROTECT ALL OPENINGS FROM WEATHER CONDITIONS

STATE, FOR SUCH SERVICES SHOULD THOSE SERVICES BE REQUIRED ON THE PROJECT. 29. CONTRACTOR TO RELOCATE AND REUSE EXISTING DOORS AND HARDWARE

WHERE POSSIBLE. 30. IF THE EXISTING BUILDING CONSTRUCTION IS CLASSIFIED SUCH THAT FIREPROOFING INSULATION IS PRESENT, THEN THE CONTRACTOR, PRIOR TO STARTING ANY WORK, SHALL VERIFY THE CURRENT FIRE-RESISTANCE RATING(S) OF THE EXISTING BUILDING ELEMENT(S). IF THE EXISTING FIREPROOFING INSULATION IS DAMAGED/ AFFECTED DURING THE COURSE

OF THE WORK, AS DEFINED BY THIS PRODUCT SCOPE, THEN THE

CONTRACTOR SHALL PATCH/ REPAIR THE FIREPROOFING INSULATION TO A

CONDITION THAT SHALL MATCH OR EXCEED THE ORIGINAL FIRE-RESISTANCE

31. EXISTING DOORS TO REMAIN U.O.N.

RATING(S) OF THE EXISTING BUILDING.

FINISH NOTES

NO FINISH SUBSTITUTIONS MAY BE MADE UNLESS APPROVED BY DESIGNER. INSTALL MATERIALS ACCORDING TO MANUFACTURER'S SUGGESTED INSTALLATION AND PREPARATION/ MAINTENANCE SPECIFICATIONS OR BETTER, UNLESS OTHERWISE APPROVED OR NOTED.

CONTRACTOR MUST NOTIFY THE DESIGNER OF ANY DISCREPANCY IN PLANS FINISH ITEMS CLEARLY SHOWN IN PLANS. BUT OMITTED FROM SCHEDULES OR LEGENDS MUST STILL BE PROVIDED AND INSTALLED BY CONTRACTOR. CONTRACTOR TO VERIFY OMITTED FINISHED WITH DESIGNER PRIOR TO ORDERING PRODUCTS.

DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME-RETARDANT

APPLICATION OF CONTROLLED INTERIOR FINISHES SHALL BE IN

CONFORMANCE WITH STATE & LOCAL CODES. SUBMIT THE FOLLOWING SAMPLES FOR DESIGNER'S APPROVAL:

A. THREE (3) 12" X 12" SAMPLES FOR ALL PAINT AND STAIN BRUSHOUTS, VINYL AND FABRIC FINISHES AND COLORS APPLIED TO A SUBSTRATE WHICH IS REPRESENTATIVE OF THE SURFACE TO BE FINISHED. SUBMIT PAINT SAMPLES FROM THE PAINT LOT OR LOTS INTENDED FOR APPLICATION.

B. ONE (1) 24" X 24" MOCK-UP WITH SAMPLE SEAM (CENTERED) OF ALL FABRIC AND VINYL FINISHES AND COLOR.

C. THREE (3) 12" X 12" SAMPLES OF ALL FLOOR COVERING D. SUBMIT ACTUAL CUTTINGS OF EACH PRODUCT FOR COLOR/ QUALITY

SUBMIT SEAMING PLAN FOR ALL FLOOR FINISHES TO DESIGNER FOR APPROVAL PRIOR TO ORDER.

WHERE MATERIALS ARE NOT RETURNABLE, SUBMIT SAMPLES TO DESIGNER BEFORE PLACING FULL ORDERS. NOTIFY DESIGNER IMMEDIATELY OF ITEMS WITH LONG LEAD TIMES.

10. ALL CARPETING SHALL BE INSTALLED WITH GLUE DOWN METHOD, U.O.N.

ALL PAINT FINISH OF METAL PARTS OF DOORS, HANDRAILS, PERIMETER ENCLOSURES, ETC., SHALL BE SEMI-GLOSS, U.O.N.

12. WHERE PAINT COLORS CHANGE, CORNERS ARE TO BE CUT-IN FREE OF OVERLAPPING.

PRIOR TO THE INSTALLATION OF WALL COVERINGS, SURFACES SHALL BE PROPERLY PREPARED WITH SEALER PER MANUFACTURER'S RECOMMENDATIONS.

14. CONTRACTOR TO VERIFY CONDITION AND LEVEL OF FLOOR SO AS TO RECEIVE NEW FINISHES WITHOUT BOWING AT FLOOR OR WALL BASE. CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR PREPARATION.

NOT TRIM CARPET ALL V.C.T. TO BE INSTALLED WITH FULL TILE FROM VINYL THRESHOLD STRIP AND FULL TILE FROM WALL ADJACENT TO DOOR SWING, U.O.N.

WHERE FLOOR-MOUNTED OUTLETS ARE REQUIRED ON CARPETED AREA, CUT

CARPET IN AN "X" OVER FLOOR HOLE AND INSTALL CARPET OVER TOP. DO

17. MILLWORK LOWER CABINETS ARE NOT TO RECEIVE WALL BASE UNLESS INDICATED ON FINISH PLANS.

 PROVIDE AND INSTALL SPECIFIED BASE FOR ALL AREAS TO RECEIVE 19. FLOOR FINISHES TO CONTINUE UNDERNEATH ALL MILLWORK AND EQUIPMENT, U.N.O. CONSULT DESIGNER IF DELAYS TO PROJECT SCHEDUL SHALL INCUR: CONTRACTOR TO CREDIT OWNER FOLLOWING APPROVAL OF SCOPE REDUCTION. FLOOR FINISHES ARE TO CONTINUE UNDERNEATH ALL "OPEN FLOOR" AREAS OF MILLWORK. INCLUDING SINK AREA AND AT ALL UNDER-COUNTER EQUIPMENT AREAS WHICH ARE OPEN TO THE FLOOR WIT.

FLOORS SHALL BE SLOPED TO FLOOR DRAINS. COORDINATE WITH PLUMBING AND STRUCTURAL DRAWINGS. IN RATED FLOOR CONDITIONS, CONFIRM REMAINING FLOOR THICKNESS STILL CONFORMS TO MINIMUM RATING CONTRACTOR SHALL PROVIDE PRE-FORMED RUBBER BASE CORNERS. DO

NOT CUT OR BEND STRAIGHT BASE TO MAKE CORNERS. PRIOR TO NEW FLOORING INSTALLATION, REMOVE EXISTING FLOOR

FINISHES. PATCH AND REPAIR SUB-FLOOR AS REQUIRED. PREPARE FLOORS AND TRANSITIONS AS REQUIRED FOR SMOOTH AND LEVEL FINISH PER APPLICABLE BUILDING CODES.

CONTRACTOR TO RUN CALCIUM CHLORIDE TEST ON ALL EXISTING OR NEW CONCRETE SLARS PRIOR TO INSTALLING ANY FLOORING AND COMPARE RESULTS WITH FLOORING MANUFACTURER'S RECOMMENDED MAXIMUM CONTENT FOR WARRANTIES AND ADHESIVE PRODUCTS. 24. FEATHER SUB-FLOOR UP FOR A) TILE FLOORING TO CARPET AND B) VINYL

ALL FLOORING TRANSITIONS AMONG ALL THE DIFFERING FLOORING

FLOORING TO CARPET, FOR FLUSH INSTALLATION.

INSTALL METAL TRANSITION STRIPS WHERE TILE MEETS ALL OTHER FLOORING TYPES. PROVIDE LOW PROFILE TRANSITION STRIP WHERE ALL

MATERIAL SPECIFICATION TYPES ARE TO BE A FLUSH TRANSITION

OTHER DIFFERENT FLOOR TYPES MEET, VERIFY COLOR WITH DESIGNER. FLOOR COVERING INSTALLER TO FOLLOW MANUFACTURER'S SPECIFIED CONTOURED RUBBER BASE INSTALLATION INSTRUCTIONS USING ADHESIVES

28. CONTRACTOR TO HEAT/CHEMICAL SEAM VINYL FLOORING AS PER MANUFACTURER'S SPECIFICATIONS AND SEAL ALL VINYL FLOORS PER MANUFACTURER'S MAINTENANCE SPECIFICATIONS.

AND INSTALLATION METHODS REQUIRED TO MAINTAIN PRODUCT'S

PRIOR TO PAINTING, WALLS MUST BE PATCHED AND REPAIRED, CLEAN AND DRY AND PROPERLY MEMBERED AND ALIGNED SO, AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIRS. ALL SCREW AND NAIL HEADS MUST BE SET AND SPACKLED. ALL JOINTS MUST BE TAPED AND COVERED WITH JOINT COMPOUND. JOINTS THAT ARE FILLED TO BE SANDED SMOOTH AND DUST REMOVED PRIOR TO RECEIVING NEW PAINT FINISH APPLICATION.

FLOOR COVERING INSTALLER TO FOLLOW MANUFACTURER'S SPECIFIED CARPET INSTALLATION INSTRUCTIONS. USING ADHESIVES AND INSTALLATION METHODS REQUIRED INSTRUCTIONS TO MAINTAIN PRODUCT'S WARRANTY. CONTACT CARPET SALES REPRESENTATIVE WITH QUESTIONS PRIOR TO

FLOOR COVERING INSTALLER REQUIRED TO PROVIDE MINIMAL SEAMS/JOINTS AT ALL LOCATIONS FOR FLOOR AND WALL BASE MATERIAL INSTALLATION. PROVIDE LOW VOC, BUT HEAVY DUTY ADHESIVES TO ENDURE HEAVY FOOT TRAFFIC AND CARTS, AND TO MAINTAIN PRODUCT'S WARRANTY.

32. PRIOR TO PAINTING OVER WALL COVERING, SECURELY GLUE DOWN ANY LIFTING OR BUCKLING AND HIDE ALL SEAMING OR BUMPS.

33. WALLS TO HAVE AT LEAST ONE COAT OF COLORED PRIMER AND TWO COATS OF SPECIFIED PAINT FINISH TYPE, PAINT TO BE A LOW VOC UNLESS U.O.N. HIGH TRAFFIC/WEAR ABILITY WITH GOOD SCRUB AND CLEANING ABILITY. VERIFY ALL WITH TENANT OR OWNER PRIOR TO PURCHASING PAINT.

34. PAINT ALL SPEAKER COVERS, ACCESS PANELS, AND HVAC GRILLS IN GYPSUM BOARD WALLS AND CEILINGS TO MATCH ADJACENT PAINT COLOR AS

PRIOR TO INSTALLING WALL TILES AND WALL BASE TILE, WALLS MUST BE PATCHED AND REPAIRED, CLEAN AND DRY AND BE PROPERLY MEMBERED AND ALIGNED, SO, AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIRS. ALL SCREW AND NAIL HEADS MUST BE SET AND SPACKLED. ALL JOINTS MUST BE TAPED AND COVERED WITH JOINT COMPOUND. JOINTS THAT ARE FILLED ARE TO BE SANDED SMOOTH AND BUMP FREE WITH DUST REMOVED PRIOR TO RECEIVING MORTAR BED/BOND COAT AND WALL TILES.

ALL WALL TILES ARE TO HAVE A MORTAR BED/BOND COAT THICKNESS TO ACCOMMODATE THE VARYING THICKNESSES OF ALL MATERIAL TYPES OF TILE SPECIFIED FOR WALL INSTALLATION WITH A FLUSH FRONT FACE.

WALLS AND PARTITIONS WITHIN 2 FEET OF SERVICE SINKS, URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE TO A HEIGHT OF NOT LESS THAN 4 FEET ABOVE THE FLOOR.

ALL TRANSLUCENT GLASS TILE SPECIFIED ARE TO RECEIVE UNIFORM COVERAGE BY BACK BUTTERING TILES AND TROWEL RIDGES FLATTENED PRIOR TO SETTING TRANSLUCENT GLASS TILES.

39. FLOORS OF TOILETS, BATHING AND SHOWER ROOMS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, THE INTERSECTION OF SUCH FLOORS WITH WALLS SHALL HAVE A SMOOTH, HARD, NONABSORBENT VERTICAL BASE AS SPECIFIED IN FINISH PLANS OR RESTROOM ELEVATIONS. BASE SHALL EXTEND UPWARD ONTO THE WALLS NOT LESS THAN 4 INCHES.

40. ALL NEW FLOORCOVERING OPTIMAL SMOKE RATING IS TO NOT EXCEED 450 PER ASTM E66A AND TO BE A CLASS I IN ACCORDANCE WITH ASTM E648.

41. CONTRACTOR/FABRICATOR TO PROVIDE PROPOSED SEAM LOCATIONS WITHIN SHOP DRAWINGS FOR DESIGNER APPROVAL ON ALL APPLICABLE FINISHES. INCLUDING WALLCOVERING. WALL PROTECTION. WALL PANELING. COUNTERTOPS, FLOORING, AND DECORATIVE CEILING TREATMENTS, ETC.

CEILING NOTES

SEE ELECTRICAL ENGINEERING DRAWINGS FOR SPECIFICATIONS OF NEW BUILDING STANDARD LIGHT FIXTURES, SWITCHES, EXIT SIGNS, ETC.

WHERE DISCREPANCIES IN LOCATION OF LIGHT FIXTURES, AIR DIFFUSERS,

GRILLES, ETC. OCCUR ON THE ELECTRICAL ENGINEERING PLANS, THE INTERIOR PLANS SHALL GOVERN. NOTIFY DESIGNER OF ANY DISCREPANCIES FOR CLARIFICATIONS. FIELD VERIFY ALL CLEARANCES OF DUCTS, PIPES, SPRINKLERS, ETC., AND NOTIFY DESIGNER OF ANY CONFLICTS PRIOR TO INSTALLATION OF LIGHTS,

ALL REPLACEMENT FLUORESCENT LAMPS TO MATCH BUILDING STANDARD -SAME COLOR AND MANUFACTURER. FIELD VERIFY EXISTING CEILING GRID LOCATION AND NOTIFY DESIGNER OF

PLACEMENT OF LIGHT FIXTURES IN AREAS WHERE MAIN DUCTS MAY CAUSE INTERFERENCE MUST BE APPROVED BY DESIGNER PRIOR TO INSTALLATION. CONDUITS ABOVE CEILING MUST BE A MINIMUM OF 12" ABOVE THE CEILING

ANY DISCREPANCIES ON PLANS.

AND CONCEALED. HEADS ARE TO BE CENTERED BETWEEN LIGHTS IN A UNIFORM ARCHITECTURAL PATTERN. G.C. TO PROVIDE A SUBMITTAL WITH SPRINKLER HEAD LOCATIONS FOR DESIGNER'S APPROVAL PRIOR TO INSTALLATION LOCATE RECESSED DOWN LIGHTS, WALL WASHERS, SMOKE DETECTORS EXIT SIGNS, SPEAKERS, FIRE SPRINKLERS, ETC, IN CENTER OF 24"x24"

ALL SPRINKLER HEADS AT HARD-LID CEILINGS ARE TO BE FULLY RECESSED

CEILING TILES OR IN CENTER OF 24"x24" PORTION OF 24"x48" CEILING TILES.

UNLESS OTHERWISE NOTED. NO COMBUSTIBLE MATERIALS SHALL BE USED IN THE PLENUM SPACE, INCLUDING ALUMINUM FLEX, ALUMINUM CONDUIT, AND POT METAL

PROVIDE SWITCHES AND LIGHT SENSORS FOR OPEN AREAS AND PRIVATE OFFICES. ACTUAL LOCATION OF ALL SWITCHES TO BE DETERMINED BY ELECTRICAL ENGINEER. ALL JUNCTION BOXES AND MECHANICAL EQUIPMENT REQUIRING ACCESS

FOR SERVICE SHALL BE LOCATED OVER ACOUSTICAL CEILINGS. NO ACCESS HATCHES SHALL BE INSTALLED IN GYPSUM BOARD CEILINGS WITHOUT PRIOR APPROVAL BY ARCHITECT. (NO EXCEPTION) PROVIDE BACK-UP POWER FOR EXIT SIGNS PER STATE & LOCAL CODES.

ALL GYPSUM BOARD CEILINGS ARE TO BE INSTALLED WITH LINEAR

DIFFUSERS. G.C. TO PROVIDE A SUBMITTAL WITH ALL LINEAR DIFFUSER LOCATIONS PRIOR TO INSTALLATION. WHERE EXIT SIGNS ARE REQUIRED PER STATE & LOCAL CODES, THEY

BE COORDINATED WITH THE DESIGNER.

THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED TO A LEVEL OF NOT LESS THAN ONE FOOT CANDLE AT THE WALKING SURFACE AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.

SHALL BE ILLUMINATED PER SAID CODES AND THE NEC. LOCATIONS SHALL

EMERGENCY LIGHTING SHALL BE (2) SEPARATE SOURCES OF POWER AND

FLOORS OR SURFACES, AND AS REQUIRED BY THE FIRE DEPARTMENT.

SHALL COMPLY WITH THE NEC. PROVIDE FIRE DAMPERS AT ALL SUPPLY AND RETURN AIR OUTLETS, INLETS OR DUCTS PENETRATING FIRE RATED ASSEMBLIES, ENCLOSURES, WALLS,

CONTRACTOR SHALL PROVIDE EMERGENCY LIGHTING. STROBE LIGHTS. AUDIO-VISUAL ALARMS AND OCCUPANCY SENSORS TO MEET ALL APPLICABLE CODES.

CONTRACTOR SHALL PROVIDE LAMPS WITH TYPE IC RATED HOUSING WHERE FIXTURES COME IN DIRECT CONTACT WITH INSULATION.

MILLWORK NOTES

CONTRACTOR MUST NOTIFY DESIGNER OF ANY DISCREPANCY IN PLANS FINISH ITEMS CLEARLY SHOWN IN PLANS, BUT OMITTED FROM SCHEDULES OR LEGENDS MUST STILL BE PROVIDED AND INSTALLED BY CONTRACTOR. CONTRACTOR TO VERIFY OMITTED FINISHES WITH DESIGNER PRIOR TO

SEE SPECIFICATIONS/PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. CABINET MAKER TO COORDINATE & VERIFY WITH CONTRACTOR FINAL LOCATION FOR CANTILEVERED COUNTERS FOR IN-WALL SUPPORT BRACKETS. PRIOR TO GYPSUM BOARD FINISHING OF WALLS. ALL FINAL INSTALLATION HEIGHTS FOR IN-WALL SUPPORT BRACKETS MUST MEET ALL APPLICABLE ACCESSIBILITY CODES AND STANDARDS WITH COUNTER TOP MATERIAL THICKNESS INCLUDED. CONTRACTOR TO CONFIRM WITH DESIGNER LOCATION OF SUPPORTS FOR AESTHETIC AND ADA PURPOSES PRIOR TO PLACING IN WALL. CABINET MAKER AND CONTRACTOR RESPONSIBLE FOR DURABILITY AND CONSTRUCTABILITY.

MATERIAL COLORS NOT LISTED SHALL BE REQUESTED FROM ARCHITECT/INTERIOR DESIGNER ON SHOP DRAWING SUBMITTALS OR BY

SHOP DRAWINGS MUST BE PROVIDED FOR APPROVAL PRIOR TO FABRICATION TO THE DESIGNER. CABINET MAKER SHALL USE ON SITE FIELD FRAMING DIMENSIONS FOR ALL SHOP DRAWINGS AND FABRICATIONS. ANY SUBSTITUTIONS TO THE FOLLOWING SPECIFICATIONS

MUST BE APPROVED BY THE DESIGNER PRIOR TO FABRICATION. ALL UPPERS TO BE LAMINATED TO MATCH BASE CABINETS, U.N.O. BOTH UPPERS & LOWER CABINETS IN WET AREAS TO HAVE MATCHING PVC EDGE, ALL OTHERS TO HAVE PLASTIC LAMINATE EDGE BANDING U.O.N. ALL

ALL INTERIORS OF CLOSED CABINETS TO BE WHITE MELAMINE/POLYESTER OR APPROVED EQUAL, UNLESS OTHERWISE SPECIFIED.

ALL BASE CABINET ARE NOT TO RECEIVE WALL BASE UNLESS INDICATED

CABINETS TO BE HIGH PRESSURE LAMINATE.

ON FINISH PLANS OR ELEVATIONS. ALL OPEN CABINETS OR SHELVES TO HAVE PLASTIC LAMINATE TO MATCH EXTERIORS.

ALL CABINETS AND DOORS SHALL BE CONSTRUCTED FROM 3/4" THICK MATERIAL, UNLESS APPROVED PRIOR TO EACH JOB. NO 3/4" THICK SHELF SHALL SPAN LONGER THAN 32" WITHOUT SUPPORT.

ALL FILE PEDESTALS ARE TO BE CONFIGURED FOR "FRONT TO BACK" FILING AND BE ABLE TO ACCEPT METAL HANGERS TO ACCEPT PENDAFLEX TYPE FILE FOLDERS, UNLESS NOTED AS LATERAL.

ALL SHELVING TO BE ADJUSTABLE UNLESS OTHERWISE SPECIFIED. PROVIDE SIDE SPLASHES AT LOCATIONS ADJACENT TO WALLS OR WINDOWS, ESPECIALLY FOR SINKS U.O.N.

EDGE OF BASE, UNLESS OTHERWISE SPECIFIED. ALL COUNTER

COLOR CAULK OR CLEAR SILICONE. PROVIDE A RADIUS EDGE ON ALL EXPOSED SURFACES OF SPLASHES. ALL COUNTER TOPS TO BE 24" DEEP, UNLESS OTHERWISE SPECIFIED.

ALL BACKSPLASHES TO BE SCRIBED TO WALLS. AND MUST BE FLUSH TO

TRANSITION SEAMS MUST BE CAULKED SEALED, VERIFY EITHER MATCHING

WHERE NO BACKSPLASH IS SPECIFIED, COUNTER TOPS TO BE SCRIBED TIGHTLY TO BACK & SIDE WALLS. FACES OF PIGEONHOLES TO MATCH WORK SURFACE LAMINATE. COLOR OF EDGE BANDING ON ALL DOORS TO MATCH FACE MATERIAL.

END PANELS AND FRONT EDGES OF EDGE PANELS WHICH ARE PROUD OF THE INTERIOR CABINET SHALL BE FACED TO MATCH DOOR FRONTS. COUNTERTOPS SHALL HAVE A NOSING OF COUNTERTOP MATERIAL AT LEAST 3" DEEP. WHEREBY THE COUNTER MATERIAL EXTENDS INTO THE INSIDE OF THE CABINET, I.E. OVER THE DOOR (WHEN PRESENT).

ALL HINGES SHALL OPEN ±105°. EXCEPT WHERE CABINETS ARE ADJACENT TO THE WALLS. PROVIDE HINGES WHICH LIMIT THE DOOR SWING TO KEEP THE DOOR PULL FROM DAMAGING THE WALL.

ALL HINGED DOORS TO HAVE CLEAR SILENCERS TOP AND BOTTOM ON

DOOR (NOT CABINET). ALL DRAWERS GLIDES SHALL HAVE SILENCERS BUILT INTO THE GLIDE AND NOT INSTALLED ON THE DRAWER OR DRAWER FRONT.

ALL DRAWER GLIDES SHALL BE FULL EXTENSION. ALL MILLWORK SHALL CONFORM TO STATE AND LOCAL WOODWORKING STANDARDS.

PARTITION PLAN NOTES

CONTRACTOR AND DESIGNER TO REVIEW & APPROVE CHALK LINES OF PARTITION LAYOUT PRIOR TO COMMENCEMENT OF PARTITION CONSTRUCTION.

CONTRACTOR TO VERIFY DIMENSIONS FOR ALL PLUMBING PARTITION. CONTRACTOR SHALL USE 3-5/8" METAL STUDS MINIMUM AT ALL PLUMBING WALLS. CONTRACTOR TO VERIFY ACTUAL DEPTH REQUIRED, ANY

DISCREPANCIES SHALL BE REPORTED TO THE DESIGNER.

EXTEND ALL STUDS AND WALL MATERIALS TO CONSTRUCTION ABOVE, USE WATER RESISTANT GYPSUM BOARD/FIBER BOARD AT ALL AREAS SUBJECT TO MOISTURE OR WHERE TILE IS USED.

ACCESSIBLE. CONTRACTOR SHALL COORDINATE ALL CLEAN-OUT LOCATIONS WITH EQUIPMENT, AND CABINETS. SUBMIT A PLAN OF ALL PROPOSED LOCATIONS TO DESIGNER FOR APPROVAL PRIOR TO..

ALL PLUMBING CLEAN-OUTS SHALL BE INSTALLED WHERE READILY

ALL CONDUIT PIPING IN ELECTRICAL ROOM TO BE CONCEALED WITHIN THE WALL CONSTRUCTION

ALL HOT WATER LINES SHALL BE PROPERLY INSULATED. SEE PLUMBING

WITHIN 0'-6" OF ADJACENT PERPENDICULAR PARTITION. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.

DOOR OPENINGS IN PARTITIONS NOT DIMENSIONED ARE TO BE LOCATED

CONTRACTOR TO VERIEY FINAL LOCATION FOR CANTILEVERED 13. COUNTERS AND IN-WALL SUPPORT BRACKETS PRIOR TO GYPSUM BOARD FINISHING OF WALLS, ALL FINAL INSTALLATION HEIGHTS FOR IN-WALL SUPPORT BRACKETS MUST MEET ALL ACCESSIBILITY CODES REQUIREMENTS WITH COUNTERTOP MATERIAL THICKNESS INCLUDED.

FIELD MEASURE AS REQUIRED FOR ALL MILLWORK CONDITIONS PRIOR TO FABRICATION. PROVIDE AND INSTALL ALL NECESSARY WALL BACKING, STIFFENERS, BRACING, BACK-UP PLATES AND/ OR SUPPORTING BRACKETS AS

REQUIRED FOR THE INSTALLATION OF WALL-MOUNTED OR SUSPENDED EQUIPMENT OR BUILT-IN ITEMS. VERIFY REQUIREMENTS WITH MANUFACTURERS PRIOR TO INSTALLATION. SUPPLY CATALOG CUT SHEETS FOR DESIGNER'S APPROVAL. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR DESIGNER AND TENANT APPROVAL PRIOR TO MANUFACTURE OF ANY CABINET WORK, MILLWORK

AND ANY OTHER SPECIAL ITEMS REQUIRING CUSTOM SHOP FABRICATED

UNLESS OTHERWISE NOTED. ALL GYPSUM BOARD SURFACES. WALLS. AND

CEILINGS SHALL BE TAPED, SANDED SMOOTH TO A "LEVEL 4" FINISH, SO AS TO RECEIVE PAINT OR WALL COVERING MATERIAL. CONSULT DESIGNER IF EXISTING WALL FINISH LEVELS IN SPACE EXIST FOR POTENTIAL CHANGES TO LEVEL FINISH TO MATCH EXISTING.

FIELD INSPECTORS. PROVIDE AND INSTALL ALL NECESSARY ELECTRICAL CONNECTIONS AND PLUMBING SUPPLY, FITTINGS & CONNECTORS TO COMPLETE INSTALLATION OF APPLIANCES & EQUIPMENT INDICATED ON PLAN. VERIFY REQUIREMENTS WITH MANUFACTURERS PRIOR TO INSTALLATION. SUPPLY CATALOG CUT SHEETS FOR DESIGNER'S APPROVAL.

EXACT LOCATION OF FIRE EXTINGUISHER CABINETS TO BE CONFIRMED

WITH DESIGNER BEFORE INSTALLATION. PROVIDE ADDITIONAL FIRE

EXTINGUISHERS & CABINETS AS REQUIRED BY THE FIRE DEPARTMENT

DESIGNER PRIOR TO INSTALLATION. ALL EXITS SHALL HAVE EXIT SIGNS AND ALL BLIND CORRIDOR TURNS

SHALL HAVE DIRECTIONAL EXIT SIGNS. PREPARE ALL SURFACES AS REQUIRED TO RECEIVE FINISHES AS NOTED ON FINISH PLAN. ENLARGED FINISH PLANS & FINISH LEGEND.

CONTRACTOR TO VERIFY LOCATION OF ALL THERMOSTATS WITH

PATCH AND FILL VARIOUS OPENINGS AT EXISTING GYPSUM BOARD PARTITIONS AND SOFFITS FOLLOWING REMOVAL OR INSTALLATION OF ANY SURFACE MOUNTED OR RECESSED FURNISHINGS, RECEPTACLES UTILITY PIPING, SHELF STANDARDS & ALL OTHER SIMILAR ELEMENTS INDICATED TO BE REMOVED DURING THE DEMOLITION PHASE OR INSTALLED DURING THE CONSTRUCTION PHASE: TAPE AND SEAL ALL SEAMS WITH JOINT COMPOUND: APPLY NEW FINISH TO MATCH EXISTING FINISH AT ADJACENT GYPSUM BOARD SURFACES AND FEATHER NEW FINISH WITH EXISTING FINISH TO PROVIDE CONSISTENT & CONTINUOUS...

PROVIDE SOUND INSULATION AT PERIMETER WALLS OF RESTROOMS, LOBBY, STAIRS, AND ACROSS CEILING OF RESTROOMS TO CREATE AN ACOUSTIC ENVELOPE, U.O.N.

FIRE AUTHORITY NOTES FINAL INSPECTION BY FIRE DEPARTMENT IS REQUIRED - SCHEDULE 72

HOURS IN ADVANCE

AN UNOBSTRUCTED ALL-WEATHER FIRE APPARATUS ACCESS ROAD SHALL BE IN PLACE PRIOR TO DELIVERY OF COMBUSTIBLE BUILDING MATERIALS TO THE PROJECT ADDRESS SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS IN A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE

FIRE SPRINKLER SYSTEM(S) SHALL MEET STATE & LOCAL FIRE CODES AND BE PROVIDED TO PROTECT ENTIRE BUILDING INCLUDING PROJECTIONS OVER 4'-0" AND SPRAY BOOTH.

STREET OR ROAD FRONTING THE PROPERTY PER LOCAL FIRE DEPARTMENT

FIRE PREVENTION WATER SERVICE SHALL BE IN SERVICE PRIOR TO DELIVERY OF COMBUSTIBLE BUILDING MATERIALS TO THE SITE. FIRE SPRINKLER SYSTEM(S) AND ALL CONTROL VALVES, INCLUDING

STATION OR PER STATE & LOCAL FIRE CODES. ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH LOCAL FIRE AUTHORITY.

EXTERIOR SHALL BE SUPERVISED BY A U.L. LISTED CENTRAL ALARM

STATE & LOCAL FIRE CODES. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS AND WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED WHERE THE NUMBER OF SPRINKLERS IS (100)

INSTALLATION OF FIRE ALARM SYSTEMS SHALL BE IN ACCORDANCE WITH

ELECTRICAL SUBCONTRACTORS TO INSTALL WIRING FOR FIRE SPRINKLER ALARM BELL AND TELEPHONE WARNING AS REQUIRED BY FIRE DEPARTMENT.

11. LOCATIONS AND CLASSIFICATIONS OF FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE WITH STATE & LOCAL FIRE CODES AND PLACEMENT IS SUBJECT TO THE APPROVAL OF THE FIRE INSPECTOR. VERIFY QUANTITY & EXACT LOCATION FROM FIRE DEPARTMENT PRIOR TO ORDERING. COMPLETE PLANS AND SPECIFICATIONS FOR ALL FIXED FIRE PROTECTION

FIRE-PROTECTION SYSTEMS, SHALL BE SUBMITTED BY INSTALLING CONTRACTOR. SUCH PLANS SHALL BE APPROVED BY LOCAL FIRE AUTHORITY PRIOR TO INSTALLATION. 13. A LETTER OF INTENDED USE MAY BE REQUIRED BY THE FIRE INSPECTOR

EQUIPMENT INCLUDING AUTOMATIC SPRINKLERS AND OTHER

14. AT LEAST ONE (1) FIRE EXTINGUISHER WITH A MINIMUM RATING OF: 2-A-10B:C (FOR OFFICE), OR 10-A-80B:C (FOR WAREHOUSE), SHALL BE PROVIDED WITHIN 75'-0" MAXIMUM TRAVEL DISTANCE FOR EACH 3,000 SQUARE FEET OR PORTION THEREOF ON EACH FLOOR.

AND USE OF HAZARDOUS MATERIALS SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO ANY MATERIALS BEING STORED OR USED ON SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED PRIOR TO THE STORAGE AND US...

STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE

LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS

MATERIALS SHALL COMPLY WITH STATE & LOCAL FIRE CODES. THE STORAGE

SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR HIGH-PILED STORAGE

EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A

BUILDING(S) NOT APPROVED FOR HIGH-PILED STOCK (MATERIALS IN CLOSELY PACKED PILES OR ON PALLETS, OR IN RACKS WHERE THE TOP OF STORAGE EXCEEDS 12'-0" IN HEIGHT. AND 6'-0" FOR GROUP "A" PLASTICS AND CERTAIN OTHER HIGH-HAZARD COMMODITIES). HIGH-PILED STOCK SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO MATERIALS BEING STORED ON

16. ALL REQUIRED FIRE DOORS SHALL BEAR A LABEL FROM A RECOGNIZED

AGENCY SHOWING THE SPECIFIC RATING.

18. EXIT SIGNS AND ILLUMINATION SHALL CONFORM TO ALL APPLICABLE BUILDING AND FIRE CODES.

IN ACCORDANCE WITH STATE & LOCAL FIRE CODES.

KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

20. PROVIDE OR MODIFY AS NEEDED SPRINKLER ALARM AND SMOKE DETECTION SYSTEM PER APPLICABLE CODES INCLUDING IF NECESSARY FOR HORNS. STROBE LIGHTS, CONTROL PANEL CONNECTIONS, SMOKE DETECTORS, AUDIO VISUAL ALARMS. SUBMIT SHOP DRAWINGS TO THE FIRE MARSHAL FOR

RESTROOM NOTES

PROVIDE DRAIN WITH TRAP PRIMER FOR EACH RESTROOM IF THERE ARE 1. TWO OR MORE FIXTURES. SLOPE FLOOR TO DRAIN AT MIN. 1/8" PER FOOT. PROVIDE SINGLE LEVER HANDLE FAUCET SET AT 17" MAX. FROM THE

FRONT EDGE OF THE SINK COUNTER.

VERIFY BUILDING STANDARD FOR WALL-HUNG/DROP-IN COUNTER SINK WHERE APPLICABLE. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE

INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES 5 AND SINKS. TOILET PAPER DISPENSERS SHALL NOT BE OF TYPE THAT CONTROLS

DELIVERY, OR THAT DO NOT ALLOW CONTINUOUS PAPER FLOW, OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING. PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.

OPERABLE PARTS OF ALL ACCESSORIES SHALL COMPLY WITH ALL APPLICABLE ACCESSIBILITY CODES AND STANDARDS.

POWER & SIGNAL NOTES

ALL EXISTING ELECTRICAL DEVICES ARE TO REMAIN, UNLESS NOTED ALL ELECTRICAL OUTLETS OF 30 AMPERES OR LESS SHALL BE MOUNTED BETWEEN +15" TO BOTTOM RECEPTACLE AND +48" TO TOP OF

MOUNTING HEIGHT COORDINATE TELEPHONE/DATA INSTALLATION WITH APPROPRIATE SUB-CONTRACTOR.

RECEPTACLE FROM FINISH FLOOR. SEE NOTE 6, BELOW, FOR GENERAL

ALL OUTLETS TO BE INSTALLED AT LOCATIONS SHOWN BY DIMENSIONS ON THE POWER & SIGNAL PLAN. DIMENSION ALL OUTLETS FROM THE CENTERLINE OF THE OUTLET BOX. NON-DIMENSIONED OUTLETS ARE TO LOCATED AT THE NEAREST WALL STUD.

WHEN OUTLETS ARE GROUPED TOGETHER (2 OR MORE), THEY ARE TO BE SPACED NO MORE THAN 2" APART.

ALL NEW WALL MOUNTED 15, 20, AND 30 AMP OUTLETS/RECEPTACLES TO

ALL TELEPHONE AND DATA CABLE TO BE TEFLON-COATED PLENUM-RATED

ALL WALL COVER PLATES SHALL BE WHITE, UNLESS BUILDING STANDARD

WHERE ELECTRICAL WORK IS SPECIFIED IN CONJUNCTION WITH CABINET

WORK, LAMPS AND FIXTURES ARE TO BE PROVIDED BY THE GENERAL

CABLE, SUPPORTED INDEPENDENTLY FROM SUSPENDED CEILING SYSTEM.

BE CENTERED AT +18" A.F.F., U.O.N. LOCATIONS OF FURNITURE POWER FEEDS SHALL ACCOMMODATE CIRCUITS AND WIRE PER ELECTRICAL DRAWINGS. TENANT SHALL BE RESPONSIBLE FOR PROVIDING FURNITURE POWER FEED, GENERAL

CONTRACTOR SHALL INSTALL THE POWER FEED

OTHER SPECIAL CONVENIENT LOCATIONS

BUILDING STANDARD COLOR COVER PLATE.

CONTRACTOR

WHERE DEDICATED ELECTRICAL OUTLETS ARE NOTED WITHIN THE FURNITURE PANEL SYSTEM, THE PANEL SYSTEM SHALL ACCOMMODATE THIS REQUIREMENT.

CABLING TO BE SUPPLIED BY TENANT; ALL PULLS AND TERMINATIONS BY GENERAL CONTRACTOR. FLOOR OUTLETS ARE ACCEPTABLE NEXT TO SLIDING PANELS/WALLS AND

IS DIFFERENT, MATCH BUILDING STANDARD. , UNLESS NOTED OTHERWISE ON POWER AND SIGNAL PLAN FOR SPECIALTY FINISHES.

ALL SEPARATE CIRCUIT RECEPTACLES TO BE ORANGE COLOR WITH

CUT-OUTS FOR SWITCHES, OUTLETS, ETC. AS REQUIRED BY THE CABINET CONTRACTOR ARE TO BE COORDINATED WITH THE ELECTRICAL CONTRACTOR, U.N.O. ALL RECEPTACLES WHERE MILLWORK OCCURS SHALL BE LOCATED PER ELEVATIONS OF THE MILLWORK ITEM IN

ALL/ANY CORE DRILL LOCATIONS SHALL BE VERIFIED WITH DESIGNER PRIOR TO DRILLING. ALL UNUSED CORE DRILLS SHALL BE PLUGGED AND

CAPPED AS REQUIRED TO MAINTAIN FLOOR FIRE RATING. POWER/SIGNAL AND REFLECTED CEILING PLANS ARE FOR THE GENERAL INFORMATION OF THE CONTRACTOR. EXACT LOCATIONS SHOULD BE TENANT TO PROVIDE AND INSTALL THE TELEPHONE AND DATA COMMUNICATION CABLING. CONTRACTOR TO COORDINATE SCHEDULING

CONTRACTOR SHALL OBTAIN APPROVAL FROM DESIGNER FOR ALL

AND OTHER REQUIREMENTS WITH TENANT.

THERMOSTAT LOCATIONS.

MATERIAL THICKNESS INCLUDED

ACCESSIBILITY REQUIREMENTS.

ALL TELEPHONE AND COMPUTER WIRES SHALL BE PULLED BY TENANT CONTRACTOR U.O.N. ELECTRICAL CONTRACTOR SHALL PROVIDE PULL WIRES AND BOXES AT EACH LOCATION.

WITH WORK, ON ANY PROPOSED FIELD ADJUSTMENTS DUE TO

DESIGNER AND ELECTRICAL TO BE CONSULTED, PRIOR TO PROCEEDING

CONSTRUCTION FEASIBILITY OF SPRINKLER, ALARM, OR SMOKE DETECTION SYSTEMS VARYING FROM THE APPROVED ELECTRICAL DRAWING SET FOR CONFLICTS IN DESIGN INTENT.

IN-COUNTER POWER SUPPLY LOCATIONS TO BE CONFIRMED WITH DESIGNER IN MILLWORK AND COUNTERTOP SHOP DRAWINGS. PROVIDE CONCEALED WIRE MANAGEMENT TRAY AT RECEPTION DESK MILLWORK FOR LOCATIONS THAT ARE EXPOSED ON MORE THAN ONE SIDE. SUCH AS ROLL-UNDER STATION. TRAY TO BE CONCEALED WITH BUILT-UP EDGE OF COUNTERTOP AND MATCH ADJACENT FINISHES; MILLWORKER TO PROVIDE SPEC AND LOCATION VIA SHOP DRAWINGS FOR FINAL APPROVAL. ALL INSTALLATION HEIGHTS MUST MEET ALL

APPLICABLE ACCESSIBILITY CODES AND STANDARDS WITH COUNTERTOP

DOOR NOTES VERIFY THAT ALL DOORS AND DOOR HARDWARE MEET THE REQUIREMENTS OF ALL GOVERNING CODES & STANDARDS. NOTIFY THE

VERIFY THAT EXISTING DOORS COMPLY WITH ACCESSIBILITY REQUIREMENTS PROVIDE A SIGN ON OR NEAR THE MAIN EXIT DOOR READING: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED".

DESIGNER IMMEDIATELY IN CASE OF DISCREPANCY.

FIELD MEASURE, AS REQUIRED, ALL DOORS PRIOR TO FABRICATION. DOOR HANDLES. PULLS OR KNOBS SHALL BE INSTALLED AT 40" ABOVE FINISH FLOOR, ALL OTHER OPERABLE PARTS OF DOOR HARDWARE (SUCH AS DEADBOLTS, KEYHOLES... ETC.) ARE TO BE CENTERED BETWEEN 34" AND 44" ABOVE FINISH FLOOR. IF EXISTING BUILDING STANDARD EXISTS, MATCH BUILDING STANDARD AND CONFIRM COMPLIANCE WITH

RATED DOORS SHALL COMPLY WITH REQUIREMENTS OF ALL GOVERNING CODES & STANDARDS AND SHALL BEAR A LABEL FROM A RECOGNIZED AGENCY SHOWING THE SPECIFIC RATINGS.

ALL HARDWARE TO BE LEVER-TYPE PER GOVERNING CODES & ACCESSIBILITY STANDARDS.

ALL DOOR FRAMES TO BE FACTORY FINISHED. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE PROVIDE WEATHER SEALS ON ALL EXTERIOR DOORS PER ANSI

GC TO PROVIDE WALL -MOUNTED DOOR STOPS AT ALL DOORS, UNLESS

NOTED OTHERWISE ON DOOR SHCEDULE. ALL WALL-MOUNTED DOOR...

CONTRACTOR IS RESPONSIBLE TO COORDINATE & VERIFY ALL DOOR

IF BUILDING STANDARDS ARE INCONSISTENT FOR DOORS. RELITES.

HARDWARE. DOOR AND RELITE FRAMES OR OTHER STANDARD DETAILS.

ALL DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT A KEY OR ANY

THEN CONTRACTOR MUST VERIFY WITH DESIGNER AND OWNER PRIOR TO

FRAME THROAT THICKNESS' FOR EACH LOCATION. MAXIMUM UNDERCUT OF ALL DOORS NOT IN A RATED CORRIDOR SHALL NOT EXCEED 1/2" ABOVE FINISH FLOOR SURFACE.

CONTRACTOR SHALL REFINISH ANY BLEMISHED DOOR OR REPLACE SAID DOOR IF NOT ABLE TO REFINISH TO "AS NEW" CONDITION.

ALL DOORS WITH ELECTRONIC SECURITY DOOR LOCKS MUST BE OPENABLE FOR EXITING PURPOSES UNDER ALL CONDITIONS. INCLUDING A POWER OUTAGE.

SPECIAL KNOWLEDGE OR EFFORT.

GLAZING NOTES

EACH LIGHT SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF THE GLASS

FIELD MEASURE ALL OPENINGS PRIOR TO FABRICATION. GLASS SHALL BE FIRMLY SUPPORTED ON ALL FOUR EDGES.

LOCAL CODES AND THE U.S. PRODUCT SAFETY COMISSIONS: SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS. ALL GLAZING WITHIN A 24" ARC OF EITHER EDGE OF A DOOR AND WITHIN

60" OF THE FLOOR SHALL BE TEMPERED. (SAFETY GLASS) WHERE JOINTS ARE REQUIRED IN MULTIPLE LITE SITUATIONS, SILICON IS TO BE PROVIDED U.O.N.

ALL GLASS SHALL COMPLY WITH THE REQUIREMENTS OF STATE AND

7. ALL INTERIOR WALLS TERMINATING AT GLAZING SHOULD TIE INTO MULLIONS WHERE APPLICABLE. PROVIDE RUBBER GASKET AS NEEDED FOR SOUND BARRIER.

ABBREVIATIONS ACOUSTICAL CEILING TILE AMERICAN'S WITH DISABILITIES ACT ABOVE FINISHED FLOOR **ALTERNATE** ARCHITECT'S SUPPLEMENTAL INSTRUCTION ARCHITECTURAL WOODWORK ACOUSTICAL WALL PANEL BKG BACKING BULLNOSE CUBICLE CURTAIN CONTRACTOR FURNISHED CF/CI CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED CONTRACTOR FURNISHED/ OWNER INSTALLED CF/OI CORNERGUARD **CONTROL JOINT** CENTERLINE CEILING CLG HT **CEILING HEIGHT** CLR CLEAR CPT CARPET TILE CRASH RAIL CR CSWK CASEWORK DAP **DECORATIVE ACRYLIC PANEL** DEMO **DEMOLITION DECORATIVE GLASS** DIAMETER DIMENSION DECORATIVE WOOD CEILINIG **DECORATIVE WOOD PANEL EXISTING EACH EXPANSION JOINT ELEVATION ELEVATOR EPOXY PAINT EPOXY FLOORING** EQUAL ENGINEERED STONE **EXAMPLE EXPOSED** FASCIA FIRE EXTINGUISHER CABINET FINISH FAC FURNITURE, FIXTURE, AND EQUIPMENT FINISH FLOOR FIN FLR FACE OF FINISH FIRE RESISTANT

FIBER REINFORCED PANEL FURNITURE GENERAL CONTRACTOR GLASS **GROMMET** GROM **GLASS TILE** GYPSUM BOARD HEAVY DUTY HDWD **HARDWOOD** HDWL HEADWALL HOLLOW META HORIZONTAL HANDRAIL **INTEGRAL BASE IDENTIFICATION** INSIDE FACE INTERIOR

JUNCTION BOX LINER BAR LINEAR FEET (FOOT) LUXURY VINYL TILE MANUAL MAXIMUM **MELAMINE MANUFACTURE** MANUFACTURER FINISH

MFR FIN MINIMUM MONOLITHIC MOULDING MILLWORK MOISTURE RESISTANT NOT IN CONTRACT

NOT TO SCALE ON CENTER OWNER FURNISHED/ CONTRACTOR INSTALLED OF/OI OWNER FURNISHED/ OWNER INSTALLED OPP OPPOSITE OTS OPEN TO STRUCTURE PARTICLEBOARD

REFLECTED CEILING PLAN

SQUARE FEET (FOOT)

SOLID PHENOLIC

PLASTIC LAMINATE PORCELAIN TILE BASE PORCELAIN TILE (FLOOR) PORCELAIN TILE (WALL) QUARRY TILE QTB QUARRY TILE BASE REUSE RUBBER BASE/ RESILIENT BASE

RESILIENT FLOORING RESILIENT SHEET RESILIENT TILE REVEAL SEALED CONCRETE STATIC DISSIPATIVE TILE SEAMLESS EPOXY FLOORING

SIMILAR

REFERENCE

SOLID SURFACE STAINLESS STEEL STONE **TEMPERED GLASS** TILE BASE TO BE DETERMINED TILE FLOOR TKB TACKBOARD

TYPICAL UNO UNLESS NOTED OTHERWISE VERTICAL VERTICAL GRAIN VNR VENEER VOLATILE ORGANIC COMPOUND

VWC

TILE WALL

VINYL WALLCOVERING WOOD WALK OFF CARPET WALL PROTECTION WINDOW TREATMENT

TRANSITION STRIP/ REDUCER STRIP

TEXTILE WALL COVERING

88 INVERNESS CIRCLE E, J101 ENGLEWOOD, CO 80112 720.724.3149 info@designstudio-blue.com designstudio-blue.com

STATMENT OF QUALIFICATIONS In accordance with C.R.S. 12-120-403(6)(a). I certify that I have

net the education and experience requirements of and have subsequently passed the qualification examination promulgated by the National Council for Interior Design Qualification. NCIDQ Certificate Holder Name: Rebecca Garcia NCIDQ Certificate Number: 158104 NCIDQ confirmation available at 202.721.0220 or online

https://myncidqu.useclarus.com/certifiationverification I currently hold professional liability coverage Insurance carrier: Sentinel, Hartford Fire, Travelers Policy Number: <u>1100,19682,19038</u>

REVISIONS DESCRIPTION

CONSULTANT SEAL:

CONSULTANT PROJECT NO.:

CONSULTANT

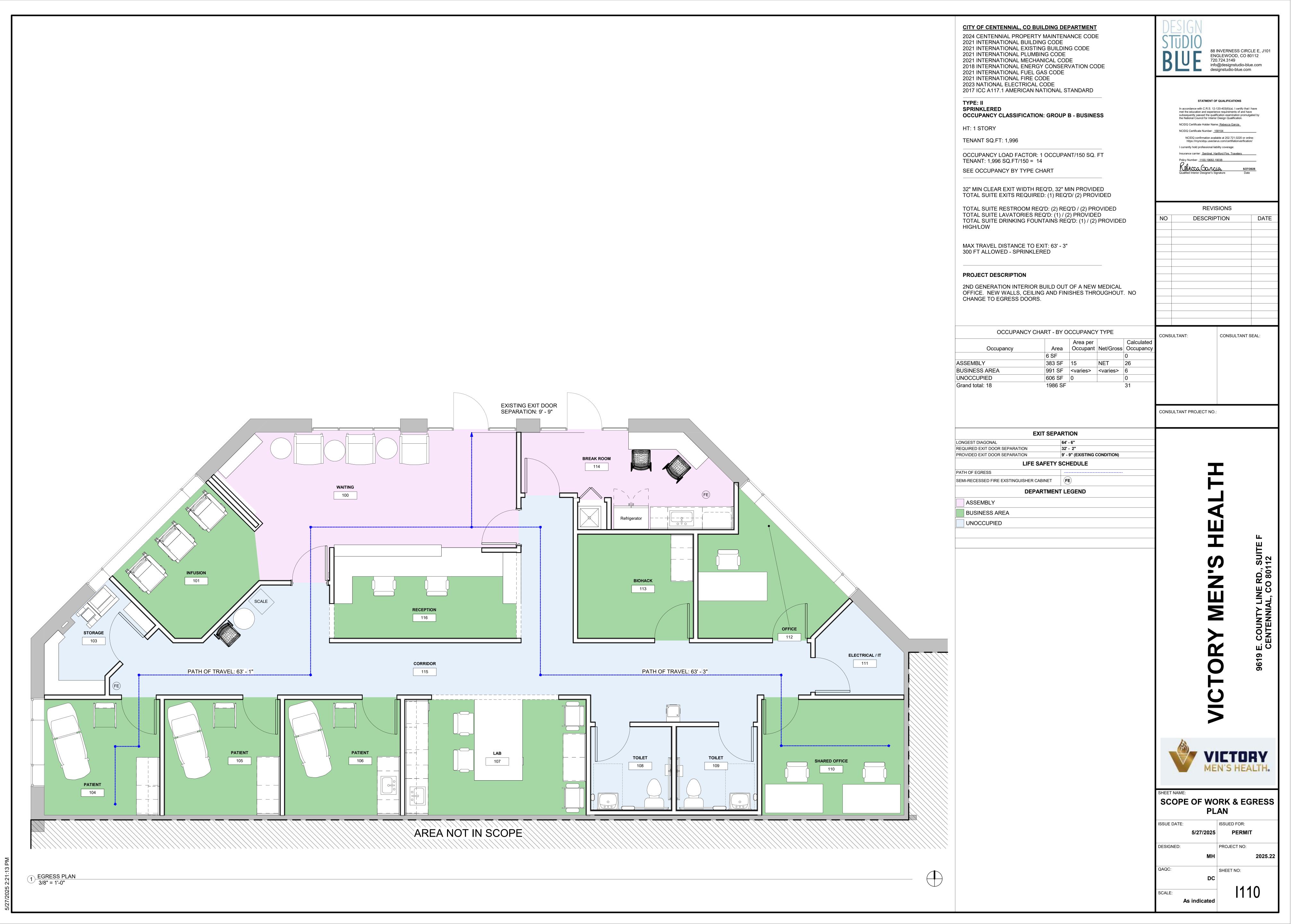
SHEET NAME: **GENERAL NOTES & ABBREVIATIONS**

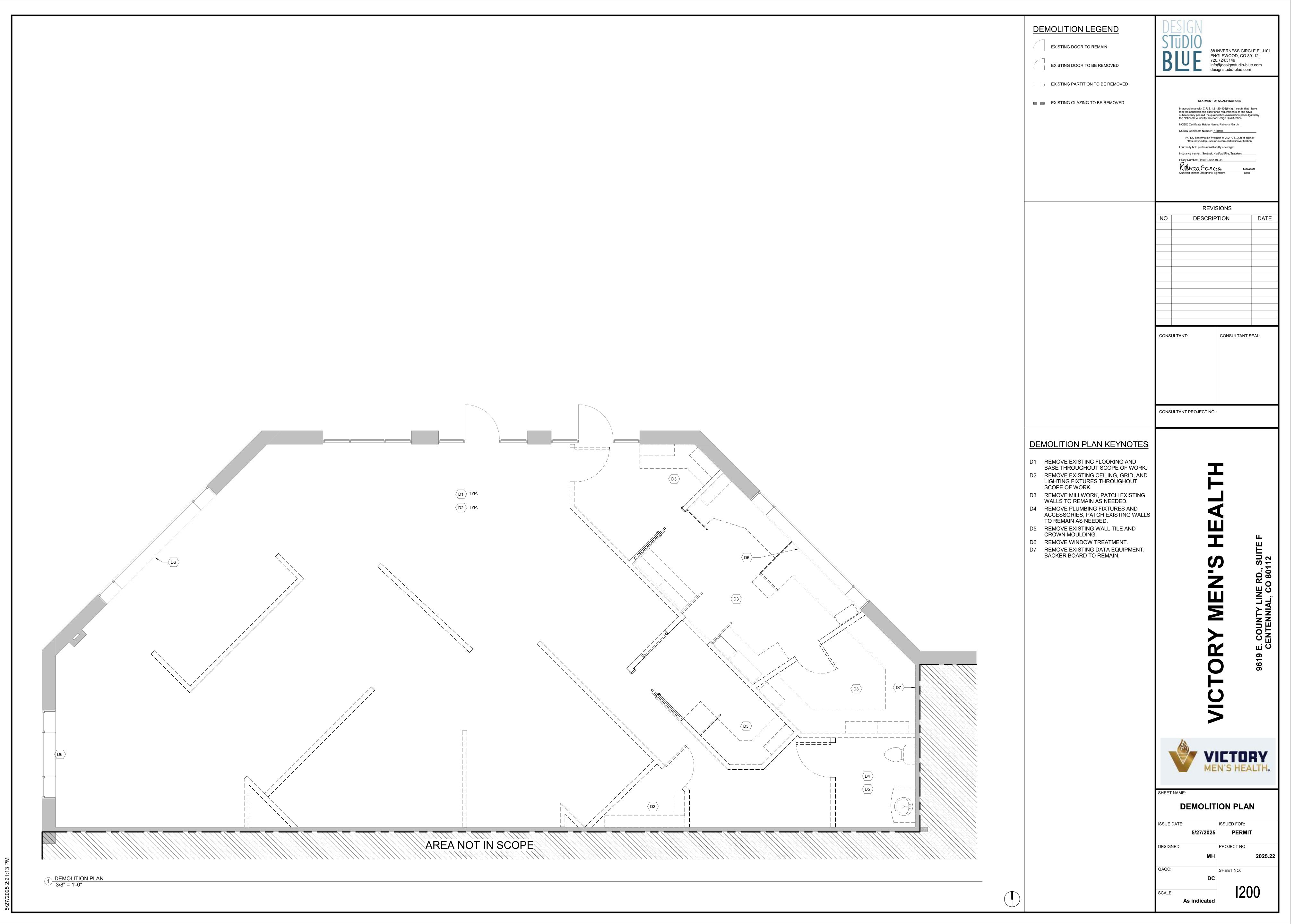
PERMIT 5/27/2025 DESIGNED: PROJECT NO:

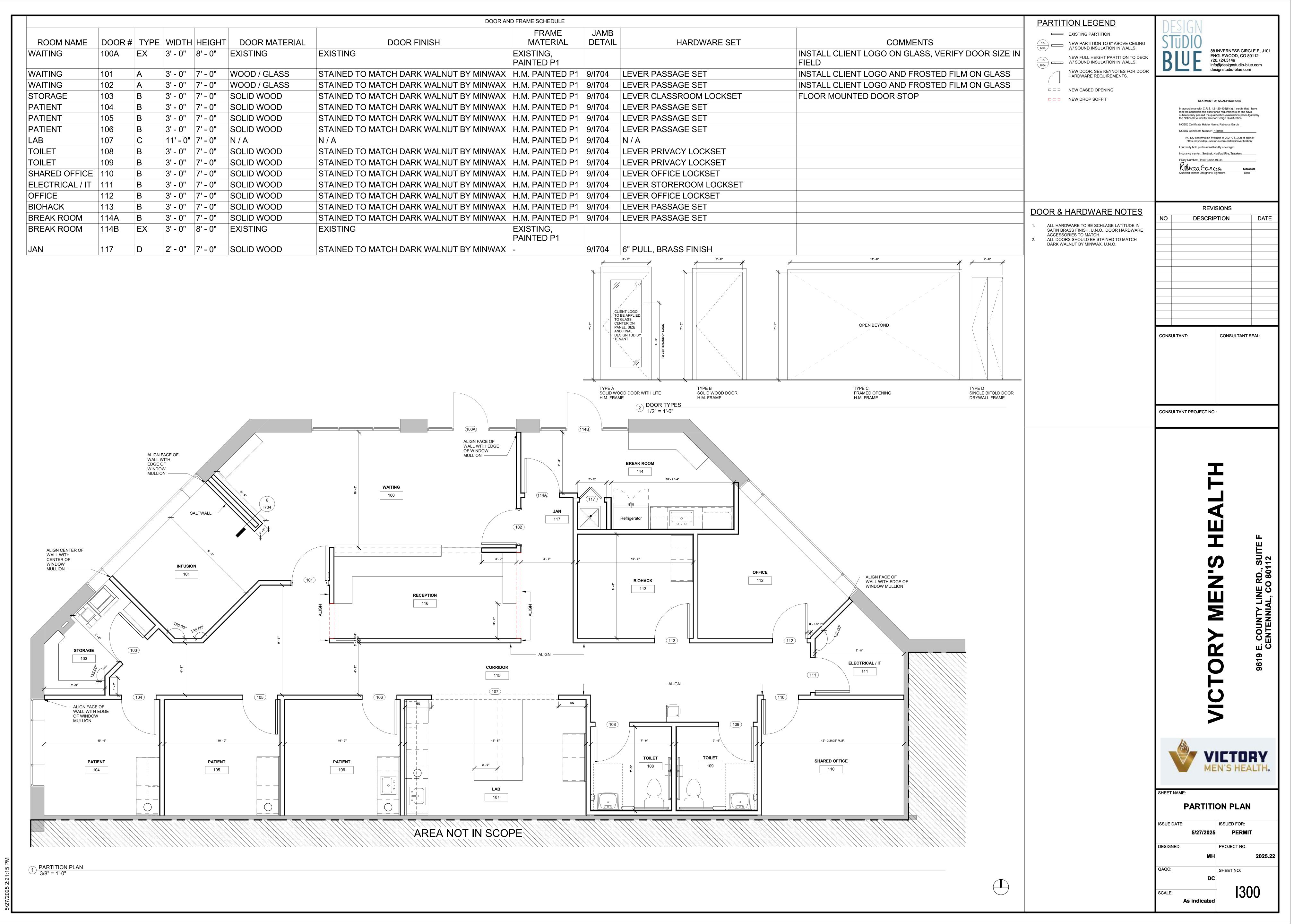
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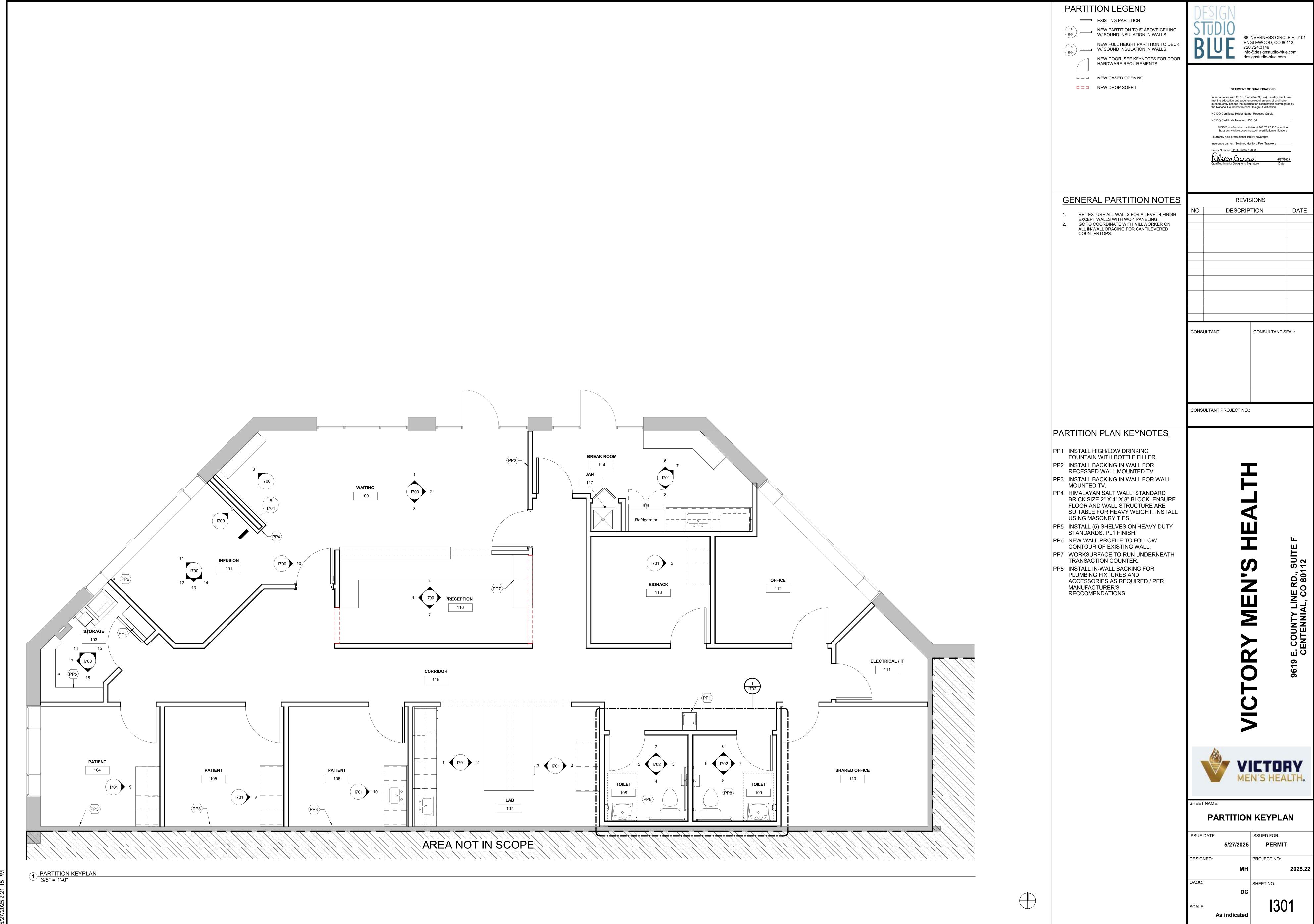
2025.22

SSUE DATE ISSUED FOR:











Part								
State	FINISH LEGEND							DESIGN
### 1985	FLOORING AND WALL BASE							CTUDIO
1	NOTE: REFER TO GENERAL NOTES, SECTION FLO	ORING FOR GROUT TYPE BY FLOOR TILE LOCATION						3 IUUIU
1	09 3050 TRANSITIONS							88 INVERNESS CIRCLE E, J101 ENGLEWOOD, CO 80112
Part	CODE MANUFACTURER	STYLE	FINISH	APPLICATION THE WALL TO CONCRETE ELOOP		NOTES	CONTACT	720.724.3149 info@designstudio-blue.com
## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ##	TS2 SCHLUTER	JOLLY	GRAPHITE	TILE WALL TO CONCRETE TEOCK				designstudio-blue.com
## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ##	09 3000 TILE WALL BASE							
Registration	CODE MANUFACTURER	STYLE	COLOR		GROUT (MANUF / COLOR)	NOTES		
Part	TB1 DALTILE	STARE APOTHESIS	NIGHT AP24 FLAT	5" X 30" / 3/8"		HORIZONTAL	ERIN NOVOTNY 630.272.3120 ERIN.NOVOTNY@DALTILE.COM	STATMENT OF QUALIFICATIONS
Control Cont	09 6500 VINYL WALL BASE	CTVI F	COLOR	CIZE / THIOWNESS	TYPE / TOE	NOTES	CONITACT	
	RB1 JOHNSONITE	BASEWORKS	40 BLACK	4" H, ROLLED GOODS		NOTES		met the education and experience requirements of and have
Part		STRAIGHT BASE	STAINED DARK WALNUT BY MINWAX	4" H				
Process Proc	09 6500 VINYL TILE FLOORING	STYLE / PATTERN	COLOR	SIZE / THICKNESS / WEAR I AVER	INSTALLATION METHOD	NOTES	CONTACT	NCIDQ Certificate Number: 158104
### 1945년	LVT1 (ALT) MANNINGTON COMMERCIAL	SPACIA COLLECTION WOOD	AMERICAN WALNUT COCOA SS5W12126	6" X 36" / 2.5MM	RANDOM	ALTERNATE MATERIAL TO REPLACE SC1 IF CONCRETE APPEARANCE UNACCEPTABLE	SHANNON WHITE 720.492.3901 SHANNON_WHITE@MANNINGTON.COM	NCIDQ confirmation available at 202.721.0220 or online: https://myncidqu.useclarus.com/certifiationverification/
	09 9300 CONCRETE SEALERS							
### 1985	CODE MANUFACTURER SC1 EXISTING CONCRETE	STYLE	FINISH REPAIR EXISTING CONCRETE AS NECESSARY FOR EVEN FINISH AND C	CLEAR SEALANT APPLICATION, SEALANT TBD BY GC		NOTES NOTES	CONTACT	
Part			·			·		ROLACCA COMOZA 5/27/2025
Proper								Qualified Interior Designer's Signature Date
Proper	CODE MANUFACTURER	STYLE	COLOR	SIZE / THICKNESS	GROUT (MANUF./ COLOR)	NOTES	CONTACT	
Property	TW1 DALTILE NOTE: REFER TO GENERAL NOTES. SECTION WA	STARE APOTHESIS LL AND DOOR FOR GROUT TYPE BY FLOOR AND TILE LOCATION	NIGHT AP24 GROOVED	10" X 30" / 3/8"		VERTICAL STACK	ERIN NOVOTNY 630.272.3120 ERIN.NOVOTNY@DALTILE.COM	
### 1942								
A	CODE MANUFACTURER	STYLE	COLOR	SIZE / THICKNESS				REVISIONS
The Part Par		ACX PLYWOOD, FIRE TREATED AS REQUIRED	STAINED DARK WALNUT BY MINWAX	1/2" THICK		TO BE APPLIED WITH CONCEALED SCREWS AND NAILS, FILLED TO MATCH FINISH; FINISH ALL EXPOSED RAV EDGES WITH STAINED L-TRIM	BY GC	NO DESCRIPTION DATE
	WC2 TBD BY GC	STAIN GRADE WOOD TRIM	STAINED DARK WALNUT BY MINWAX	1" X 2" / 1/2"		TO BE APPLIED WITH CONCEALED SCREWS AND NAILS, FILLED TO MATCH FINISH	BY GC	
	09 9132 PAINT		LOOL OR			NOTES	CONTACT	
Part	P1 BENJAMIN MOORE		CW-675 BRUSH BLUE			FIELD PAINT / DOOR FRAMES	REBECCA COSTAKIS REBECCA.COSTAKIS@BENJAMINMOORE.COM	
1	P2 BENJAMIN MOORE		OC-61 WHITE DIAMOND			CEILING	REBECCA COSTAKIS REBECCA.COSTAKIS@BENJAMINMOORE.COM	-
STREET	NOTE: REFER TO GENERAL NOTES, SECTION WA	LLS AND DOORS, FOR PAINT SHEEN TYPES BY ROOM TYPE.						
CASEWORK	CEILINGS							
CASEWORK	09 5123 ACOUSTICAL CEILING TILE							
CASEWORK	CODE MANUFACTURER ACT1 ARMSTRONG	STYLE / NUMBER FINE FISSURED 1747ABL	COLOR BLACK	SIZE / THICKNESS 24" X 24" X 5/8"	NRC / CAC 0.55 NRC / 35 CAC	SUSPENSION SYSTEM 15/16" PRELUDE XL	CONTACT KELLY HEDLUND 303.349.2294 KSHEDLUND@ARMSTRONG.COM	
12 3200 PLASTIC LAMINATE CODE MANUFACTURER STYLE COLOR / NUMBER SIZE								
FL WILSONART STANDARD LAMINATE 1596-00 BLOK								
PL2 WILSONART STANDARD LAMINATE 7943K-07 COLUMBIAN WALNUT 4' 8' MISCELLANEOUS SALT WALL CODE MANUFACTURER SW1 EURO TRASH MATERIAL STANDARD LAMINATE 7943K-07 COLUMBIAN WALNUT 4' x 8' CONSULTANT: CONSULTANT: CONSULTANT: CONSULTANT: CONSULTANT: CONSULTANT SEAL: 4' x 8'' CONSULTANT SEAL: SW1 EURO TRASH NOTES NOTES HIMALAYAN SALT WALL	CODE MANUFACTURER	STYLE		SIZE		NOTES		
MISCELLANEOUS SALT WALL CODE MANUFACTURER MATERIAL CONTACT SW1 EURO TRASH HIMALAYAN SALT WALL CONSULTANT: SEAL: CONSULTANT: SEAL: CONSULTANT: SEAL: CONSULTANT: SEAL: CONSULTANT: SEAL: CONSULTANT: SEAL: CONSULTANT SEAL:	PL1 WILSONART PL2 WILSONART			4' x 8' 4' x 8'			JENNIFER LINDE-WILSON 720.244.7079 LINDEJ@WILSONART.COM JENNIFER LINDE-WILSON 720.244.7079 LINDEJ@WILSONART.COM	
SALT WALL CODE MANUFACTURER SW1 EURO TRASH CONTACT SIZE / THICKNESS NOTES NOTES NOTES A" X 8" / 2"		'		1 2				
								CONSULTANT: CONSULTANT SEAL:
	SALT WALL CODE MANUFACTURER	MATERIAL	FINISH	SIZE / THICKNESS		NOTES	CONTACT	
12 2413 WINDOW TREATMENTS CODE MANUA CTURER OF SINGLE MANUAL ROLLER FLEXSHADE SHADE (CLOTH: MERMET M SCREEN 3% COLOR: CHARCOAL/COCOA; FACIA: CHARCOAL BRONZE INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM SINGLE MANUAL ROLLER FLEXSHADE SHADE CLOTH: DRAPER SUNBLOC SB9000 COLOR: BLACK; FASCIA CHARCOAL BRONZE INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760:343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE BLOCKING A	SW1 EURO TRASH	HIMALAYAN SALT WALL		4" X 8" / 2"				
MOUNTER OPERATION SYSTEM SHADE COLOR MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER SINGLE MANUAL ROLLER FLEXSHADE SHADE CLOTH: DRAPER SUNBLOC SB9000 COLOR: BLACK; FASCIA CHARCOAL BRONZE INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EX	12 2413 WINDOW TREATMENTS							<u></u>
WT2 DRAPER SINGLE MANUAL ROLLER FLEXSHADE :SHADE CLOTH: DRAPER SUNBLOC SB9000 COLOR: BLACK; FASCIA CHARCOAL BRONZE INSIDE MOUNTED, VERIFY SIZE IN FIELD TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM	CODE MANUFACTURER WT1 DRAPER	SINGLE MANUAL ROLLER FLEXSHADE	SHADE CLOTH: MERMET M SCREEN 3% COLOR: CHARCOAL/COCOA; FA	FACIA: CHARCOAL BRONZE	INSIDE MOUNTED, VERIFY SIZE IN FIELD	PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER	CONTACT TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM	T
	WT2 DRAPER	SINGLE MANUAL ROLLER FLEXSHADE	:SHADE CLOTH: DRAPER SUNBLOC SB9000 COLOR: BLACK; FASCIA CH.	ARCOAL BRONZE		PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER	TOM FRYE 760.343.444 EXT 126 TFRYE@CONTRACT-DECOR.COM	
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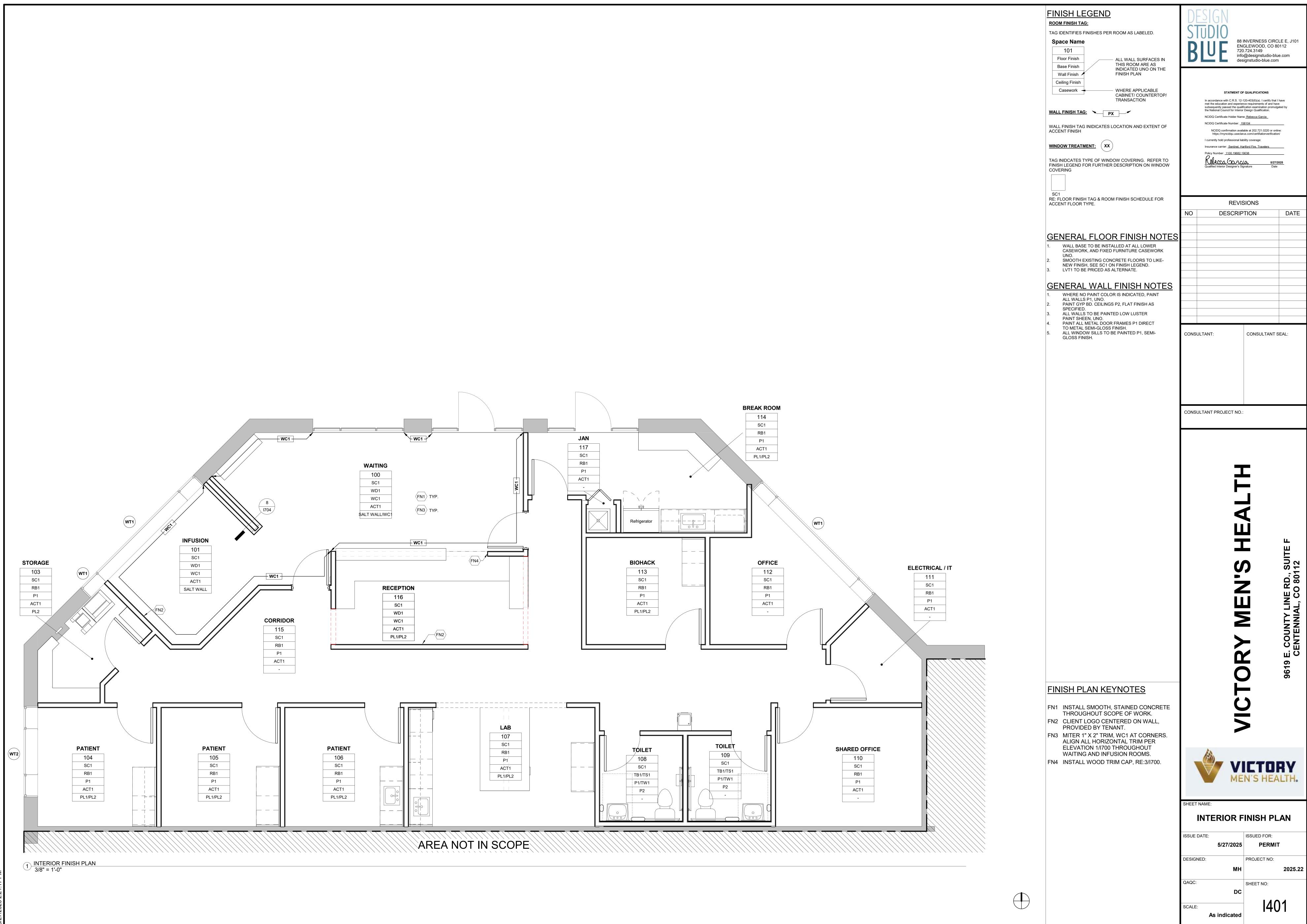
VICTORY MEN'S HEALTH.

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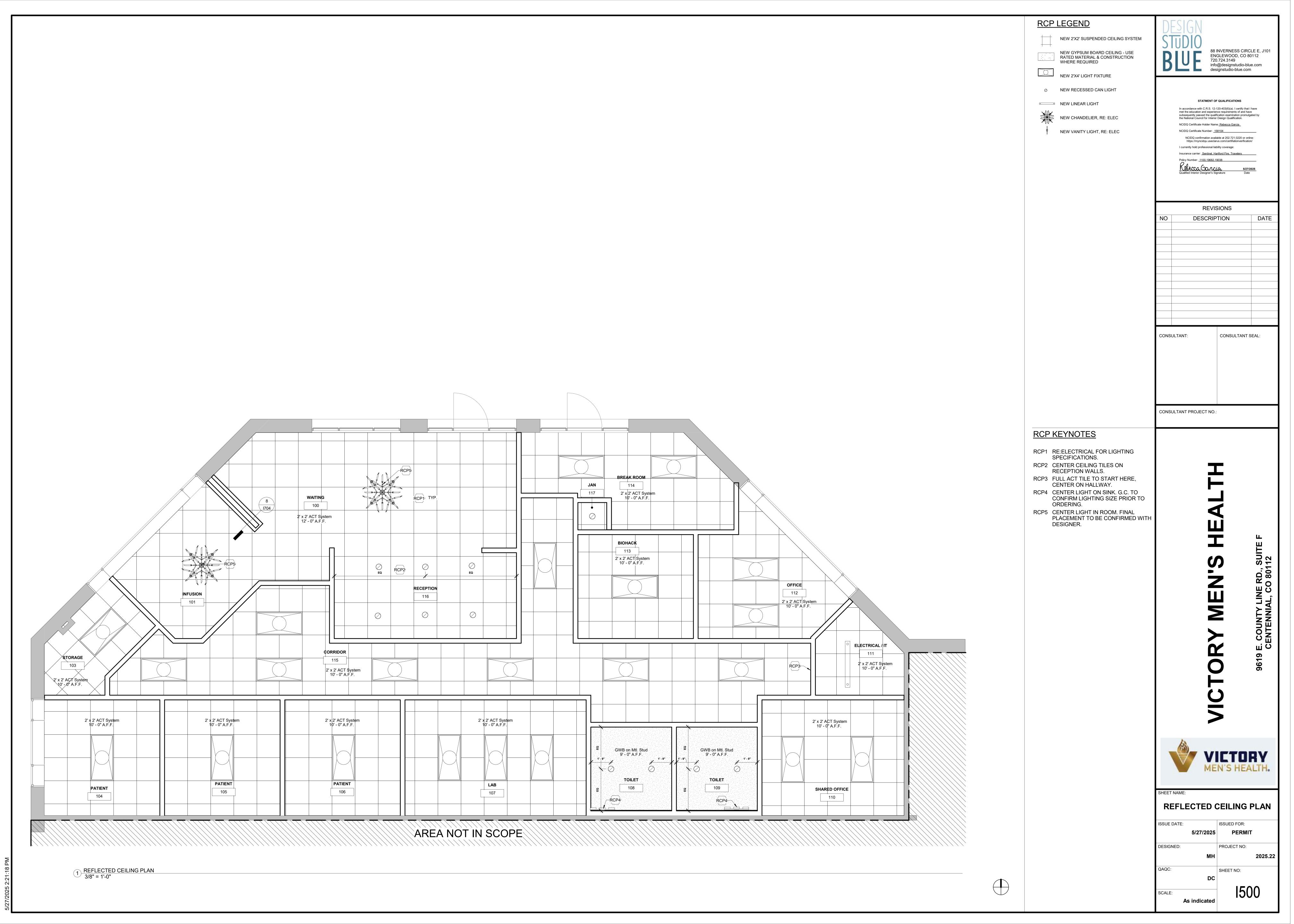
FINISH LEGEND

ISSUE DATE: ISSUED FOR: 5/27/2025 PERMIT DESIGNED: PROJECT NO:

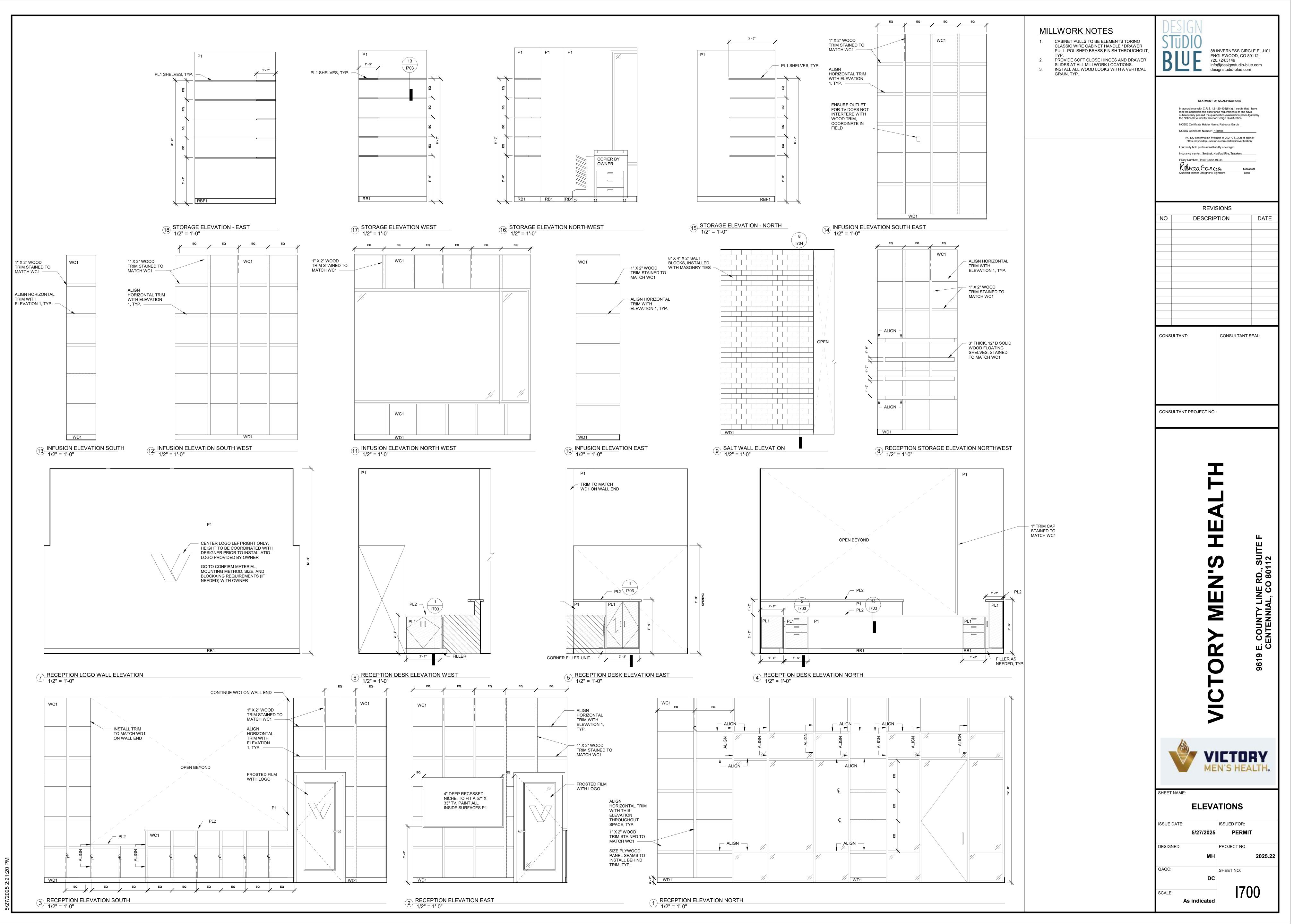
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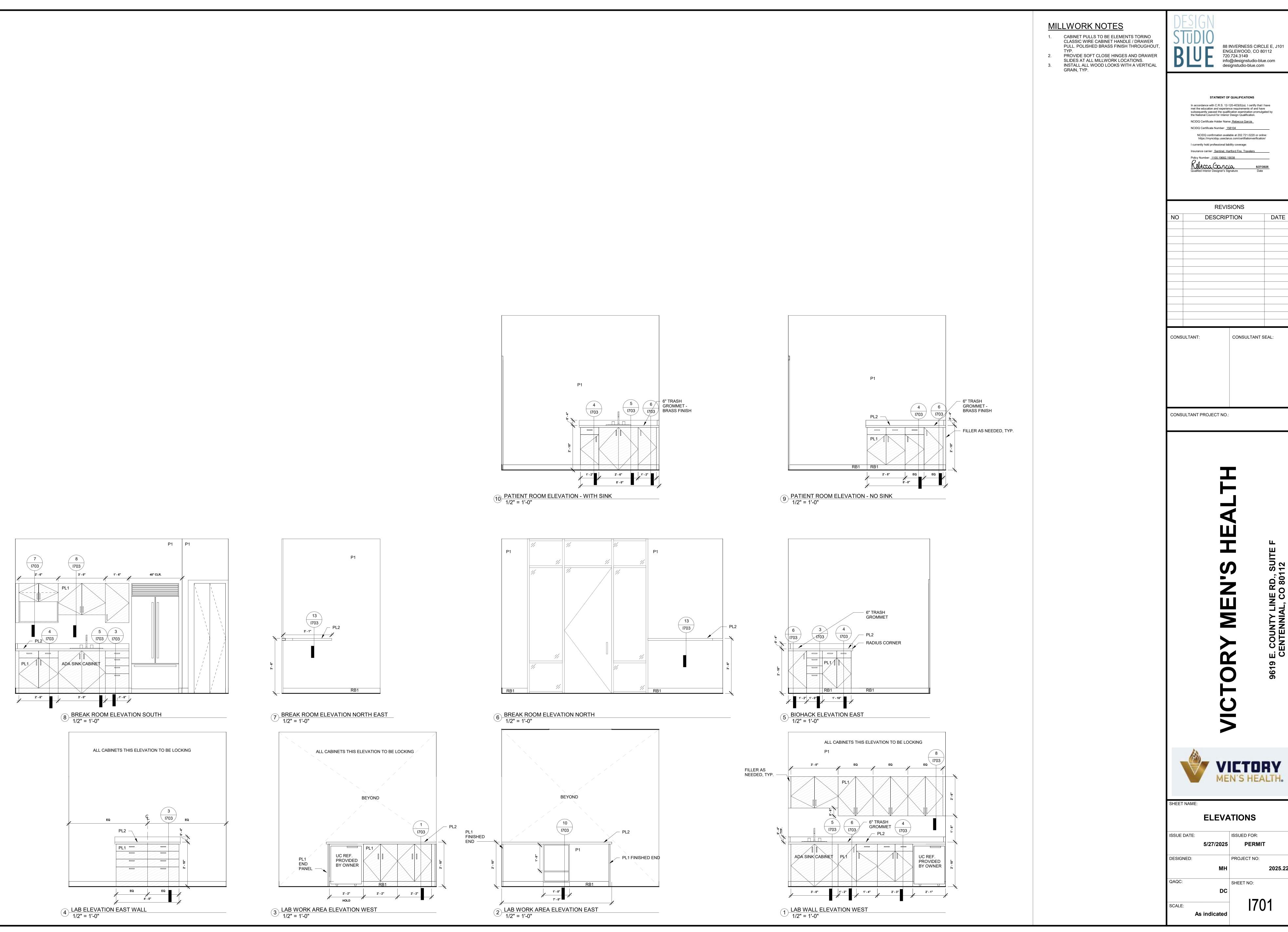












DATE



2025.22



ADA/ANSI SPECIFICATIONS

306.2 TOE CLEARANCE

306.2.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES ABOVE THE FINISH FLOOR OR

GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH 306.2. 306.2.2 MAXIMUM DEPTH. TOE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT.

306.2.3 MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE. THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM UNDER THE ELEMENT.

306.2.4 ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.

306.2.5 WIDTH. TOE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

306.3 KNEE CLEARANCE 306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH 306.3

306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND.

306.3.3 MINIMUM REQUIRED DEPTH. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND.

306.3.4 CLEARANCE REDUCTION. BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND. THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH IN DEPTH FOR EACH 6 INCHES IN HEIGHT. 306.3.5 WIDTH. KNEE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

308.2.2 OBSTRUCTED HIGH REACH. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND

BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM. 308.3.2 OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION. THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAXIMUM AND THE DEPTH OF THE

OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAXIMUM FOR A REACH DEPTH OF...

606.3 HEIGHT. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 902.3 HEIGHT. THE TOP OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

904.4 SALES AND SERVICE COUNTERS. SALES COUNTERS AND SERVICE COUNTERS SHALL COMPLY WITH 904.4.1 OR 904.4.2, THE ACCESSIBLE PORTION OF THE COUNTER TOP SHALL EXTEND THE SAME DEPTH AS THE SALES OR SERVICE COUNTER TOP. 904.4.1 PARALLEL APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 36 INCHES LONG MINIMUM AND 36 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 SHALL BE POSITIONED FOR A

PARALLEL APPROACH ADJACENT TO THE 36 INCH MINIMUM LENGTH OF COUNTER.

904.4.2 FORWARD APPROACH. A PORTION OF THE COUNTER SURFACE THAT IS 30 INCHES LONG MINIMUM AND 36 INCHES HIGH MAXIMUM SHALL BE PROVIDED. KNEE AND TOE SPACE COMPLYING WITH 306 SHALL BE PROVIDED UNDER THE COUNTER. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 SHALL BE POSITIONED FOR A FORWARD APPROACH TO THE COUNTER.



88 INVERNESS CIRCLE E, J101 ENGLEWOOD, CO 80112 720.724.3149 info@designstudio-blue.com designstudio-blue.com

STATMENT OF QUALIFICATIONS

In accordance with C.R.S. 12-120-403(6)(a). I certify that I have

met the education and experience requirements of and have subsequently passed the qualification examination promulgated by the National Council for Interior Design Qualification.

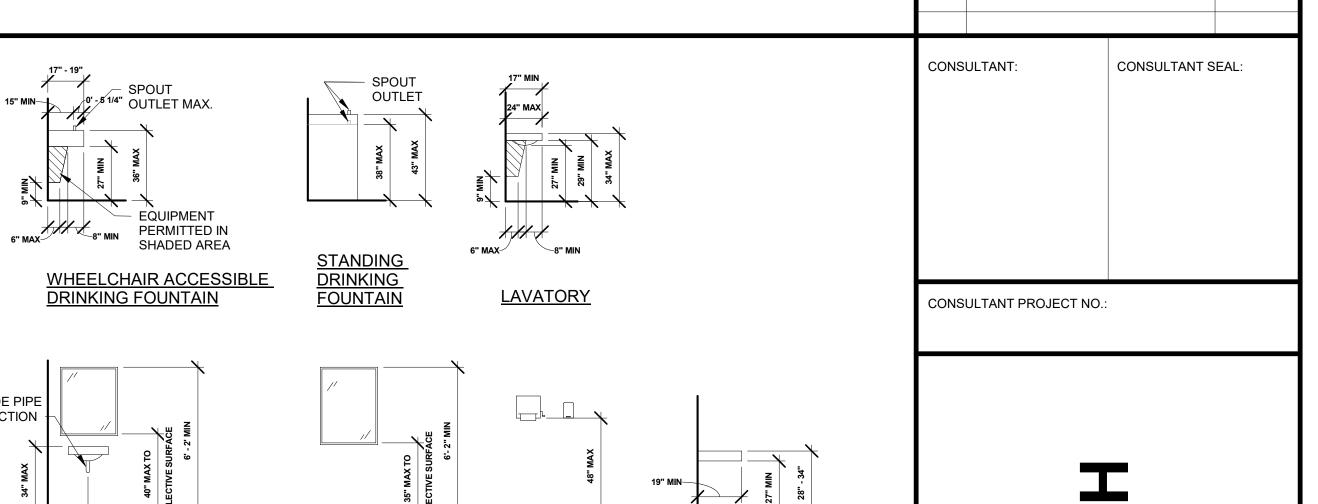
NCIDQ Certificate Holder Name: Rebecca Garcia NCIDQ Certificate Number: 158104

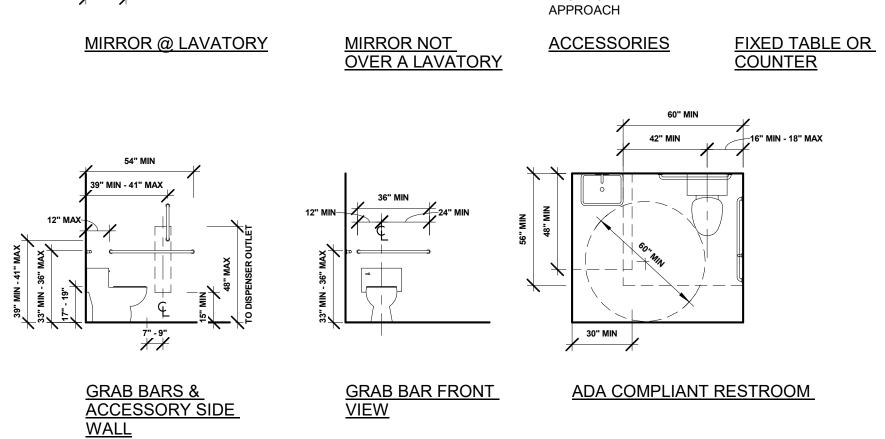
Kelecca Garcia

NCIDQ confirmation available at 202.721.0220 or online: https://myncidqu.useclarus.com/certifiationverification/

I currently hold professional liability coverage: Insurance carrier: <u>Sentinel, Hartford Fire, Travelers</u> Policy Number: <u>1100,19682,19038</u>

REVISIONS			
NO	DESCRIPTION	DATE	





FRONT & SIDE

		RESTROOM ACCESSO	ORY SCHEDULE	
Type Mark	Manufacturer	Model	Description	Count
TA01	KOHLER Co.	K-78384-MB	Covered Double Toilet Tissue Holder	2
TA02	KOHLER Co.	K-11892-MB	18inch grab bar	2
TA03	KOHLER Co.	K-11896-MB	42inch grab bar	2
TA04	KOHLER Co.	K-11895-MB	36inch grab bar	2
TA05	Bradley Corporation	2B1-110000BR	ELVARI SURFACE-MOUNTED TOWEL DISPENSER, MEDIUM CAPACITY	2
TA06	Bradley Corporation	6B1-110000BR	ELVARI MANUAL LIQUID OR FOAM SOAP DISPENSER, SURFACE MOUNTED	2
TA07	Bradley Corporation	7B1-0024360BR	Framed Mirror, 24 x 36 No Shelf	2

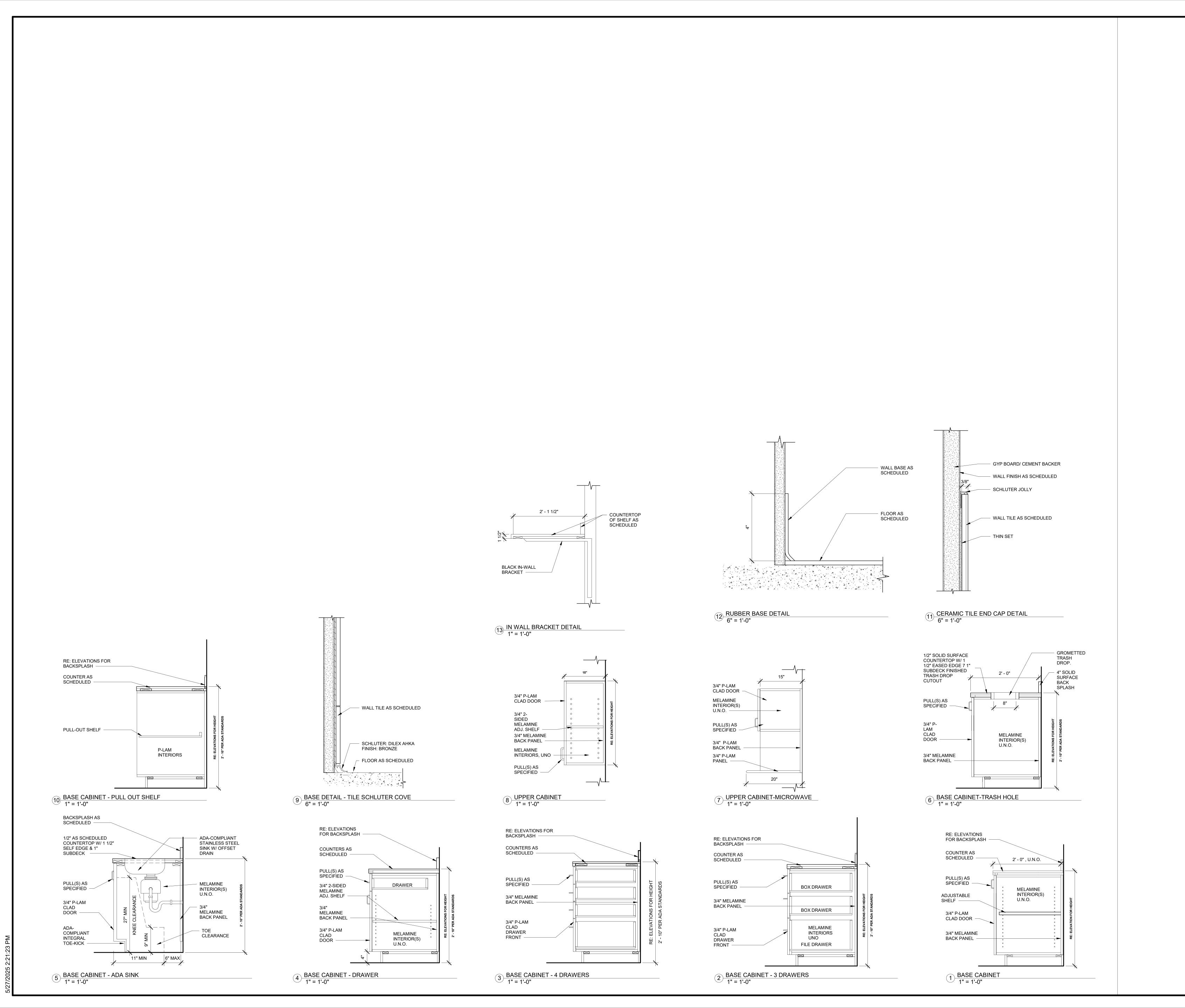
PROVIDE BLOCKING IN WALL AT RESTROOM ACCESSORIES AS REQUIRED BY MANUFACTURER



ENLARGED PLANS & RESTROOM ELEVATIONS

ISSUED FOR: 5/27/2025 PERMIT DESIGNED: PROJECT NO: 2025.22

As indicated





STATMENT OF QUALIFICATIONS

In accordance with C.R.S. 12-120-403(6)(a). I certify that I have met the education and experience requirements of and have subsequently passed the qualification examination promulgated by the National Council for Interior Design Qualification.

NCIDQ Certificate Holder Name: Rebecca Garcia NCIDQ Certificate Number: 158104

NCIDQ confirmation available at 202.721.0220 or online: https://myncidqu.useclarus.com/certifiationverification/ I currently hold professional liability coverage:

Insurance carrier: Sentinel, Hartford Fire, Travelers Policy Number: 1100,19682,19038

Relecca Gorcia
Qualified Interior Designer's Signature

REVISIONS

DESCRIPTION DATE

CONSULTANT SEAL:

CONSULTANT:

CONSULTANT PROJECT NO.:

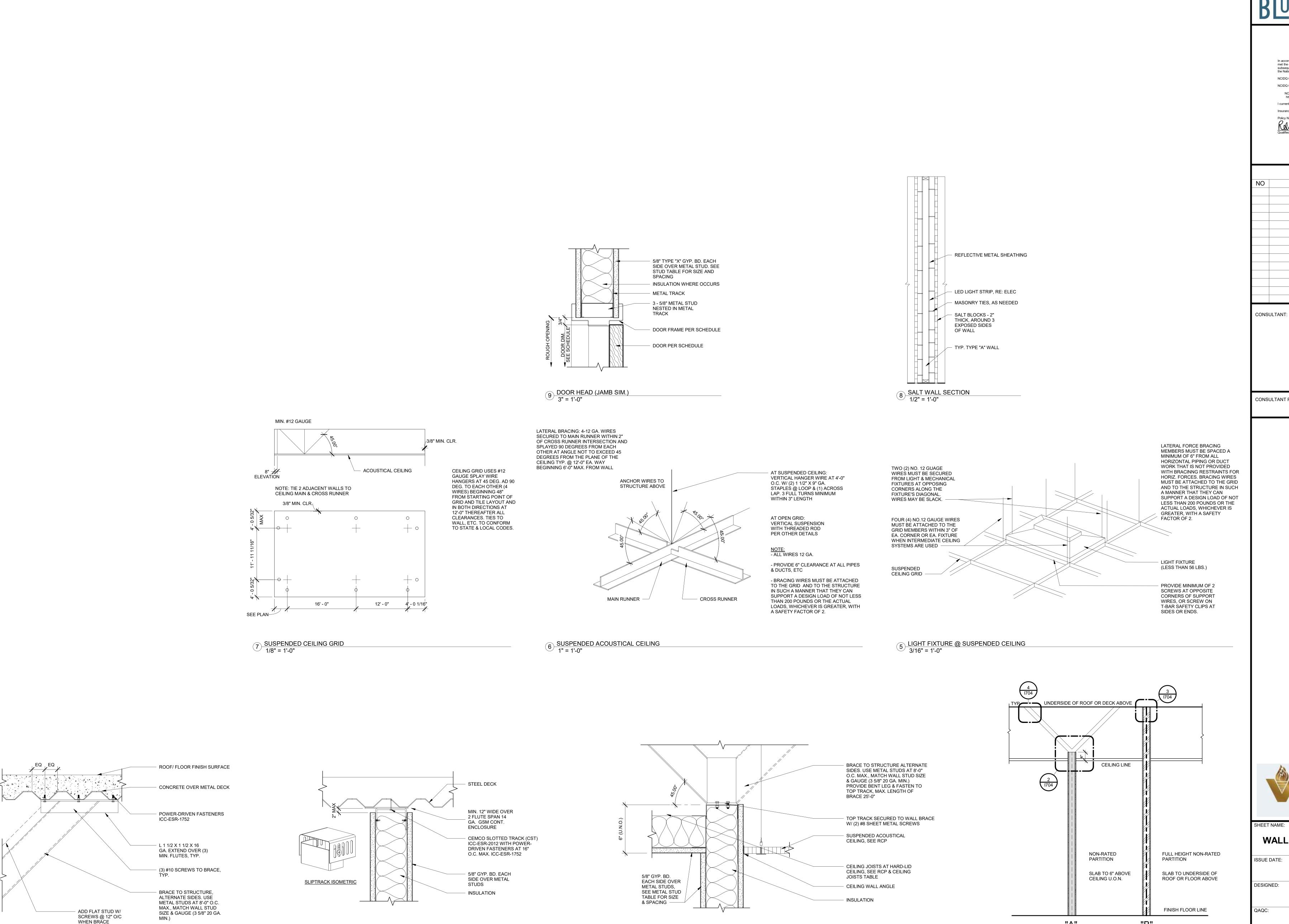


SHEET NAME:

MILLWORK DETAILS

ISSUE DATE: ISSUED FOR: PERMIT 5/27/2025 DESIGNED: PROJECT NO: 2025.22 SHEET NO:

As indicated



2 PARTITION TO 6" ABOVE CEILING 3" = 1'-0"

EXCEEDS 6'-0", TYP.

4 WALL SWAY BRACE
3" = 1'-0"

3 FULL HEIGHT NON-RATED WALL
3" = 1'-0"

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Insurance carrier: <u>Sentinel, Hartford Fire, Travelers</u> Policy Number: <u>1100,19682,19038</u> Kelecca Garcia

REVISIONS DESCRIPTION

CONSULTANT SEAL:

CONSULTANT PROJECT NO.:

MEN'S HEALTH.



SHEET NAME:

As indicated

"A"

1 WALL TYPE SCHEDULE
1/2" = 1'-0"

WALL & CEILING DETAILS

ISSUED FOR: 5/27/2025 PERMIT PROJECT NO: 2025.22 SHEET NO:

PLUMBING SPECIFICATIONS

ALL WETTED PARTS USED TO CONVEY WATER ANTICIPATED FOR HUMAN CONSUMPTION SHALL BE CERTIFIED LEAD-FREE IN COMPLIANCE WITH NSF/ANSI-372 OR NSF/ANSI 61G.

WATER PIPING ABOVE GRADE SHALL BE TYPE L, HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS SOLDERED WITH 95-5 TIN-ANTIMONY SOLDER OR BRAZED WITH SILVER BASED FILLER METAL. SDR9 CROSSLINKED POLYETHYLENE "PEX" TUBING MANUFACTURED IN ACCORDANCE WITH ASTM F876 AND ASTM F877 WITH COMPRESSION FITTINGS BY SAME MANUFACTURER AS TUBING MAY BE USED FOR RUN-OUTS TO INDIVIDUAL FIXTURES.

SHUT-OFF VALVES ARE TO BE BRONZE BALL VALVES, TWO PIECE OR UNI-BODY FULL PORT WITH CHROME PLATED BALL, REINFORCED TFE SEATS AND STUFFING BOX, LEVER HANDLE AND SCREWED OR SOLDER ENDS. 400 PSI W.O.G., 150 PSI SATURATED STEAM.

WATER PIPING SHALL BE TESTED WITH WATER AT 125 PSIG. TEST PRESSURE SHALL BE MAINTAINED FOR A MINIMUM OF 30 MINUTES WITH NO LOSS. DOMESTIC WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTIONAL HEALTH AND PLUMBING CODES.

ABOVE GRADE SOIL, WASTE, VENT AND STORM DRAIN PIPING SHALL BE NO-HUB, CAST IRON. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

BELOW GRADE SOIL. WASTE. VENT AND STORM DRAIN MAY BE SCHEDULE 40 DWV PVC OR ABS PIPE AND FITTINGS CONFORMING TO ASTM D-2665 AND ASTM D-3111 WHERE JURISDICTIONAL CODE ALLOWS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE JURISDICTIONAL PLUMBING CODE AND MANUFACTURER'S RECOMMENDATIONS.

SOIL AND WASTE PIPING 2-1/2" AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND PIPING 3" AND LARGER SHALL BE SLOPED 1/8" PER FOOT UNLESS NOTED OTHERWISE ON DRAWINGS. STORM DRAIN PIPING SHALL BE SLOPED 1/8" PER FOOT UNLESS NOTED OTHERWISE ON DRAWINGS.

WALL CLEANOUTS FOR WASTE PIPING SHALL BE FURNISHED AND INSTALLED BELOW SINKS, LAVATORIES AND URINALS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE JURISDICTIONAL PLUMBING CODE. FLOOR/GRADE CLEANOUTS FOR WASTE PIPING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE JURISDICTIONAL PLUMBING CODE.

SOIL, WASTE, VENT AND STORM DRAIN PIPING SHALL BE TESTED WITH WATER UNDER PRESSURE EQUIVALENT TO THE HIGHEST POINT AND 10' MINIMUM. THE SYSTEM OR PORTION THEREOF SHALL BE UNDER PRESSURE FOR A MINIMUM OF 15 MINUTES BEFORE INSPECTION.

DOMESTIC WATER AND STORM PIPING SHALL BE INSULATED WITH NONCOMBUSTIBLE, PREFORMED, FIBERGLASS, PIPE INSULATION WITH A CONDUCTIVITY (K-VALUE) LESS THAN 0.27 AT 75°F AND A FLAME SPREAD / SMOKE DEVELOPED RATING OF 25/50 OR LESS. INSULATION SHALL HAVE A KRAFT REINFORCED FOIL VAPOR BARRIER WITH SELF-SEALING ADHESIVE JOINTS. INSULATION AT HANGERS AND CLAMPS SHALL BE OF HIGH DENSITY INSULATING MATERIAL. INSULATED PIPING EXPOSED TO VIEW SHALL BE COVERED AND FINISHED WITH A 30 MIL. THICK PVC JACKET.

PIPE INSULATION SCHEDULE

DOMESTIC COLD WATER COPPER PIPING = 1/2" THICK INSULATION DOMESTIC HOT WATER SUPPLY PIPING (SMALLER THAN 1-1/2") = 1" THICK INSULATION DOMESTIC HOT WATER RECIRC PIPING (SMALLER THAN 1-1/2") = 1" THICK INSULATION

* RUN-OUTS TO INDIVIDUAL FIXTURES DO NOT NEED TO BE INSULATED UNLESS PROVIDED WITH HEAT TRACE HOT WATER TEMPERATURE MAINTENANCE SYSTEM

WATER HAMMER ARRESTERS EQUAL TO SIOUX CHIEF HYDRA-RESTER SHALL BE FURNISHED AND INSTALLED ON HOT AND COLD WATER PIPING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION REQUIREMENTS. WATER HAMMER ARRESTERS SHALL BE PDI CERTIFIED AND ANSI APPROVED.

PIPING SHALL BE IDENTIFIED WITH PLASTIC PIPE MARKERS IN CLEAR VIEW AND ALIGNED WITH AXIS OF PIPING. SERVICE AND FLOW DIRECTION SHALL BE INDICATED. DISTANCE BETWEEN IDENTIFICATION LOCATIONS SHALL NOT EXCEED 20 FEET. IDENTIFICATION SHALL BE LOCATED AT EACH VALVE, RUNOUT AND ON BOTH SIDES OF AN OBSTRUCTION.

PIPE HANGERS FOR INSULATED PIPE SIZES 1/2" TO 1-1/2" SHALL BE ADJUSTABLE, STEEL, BAND TYPE. PIPE HANGERS FOR BARE PIPE SHALL BE ADJUSTABLE, MALLEABLE STEEL, SPLIT RING TYPE. BARE COPPER PIPE SHALL BE PROTECTED FROM CORROSION BY TRISOLATOR OR SIMILAR PRODUCT. HANGERS SHALL BE PROVIDED AT INTERVALS IN ACCORDANCE WITH THE JURISDICTIONAL PLUMBING CODE. PIPING SHALL BE PROVIDED WITH SEISMIC RESTRAINTS IN ACCORDANCE WITH THE SMACNA SEISMIC RESTRAINT MANUAL - GUIDELINES FOR MECHANICAL SYSTEMS.

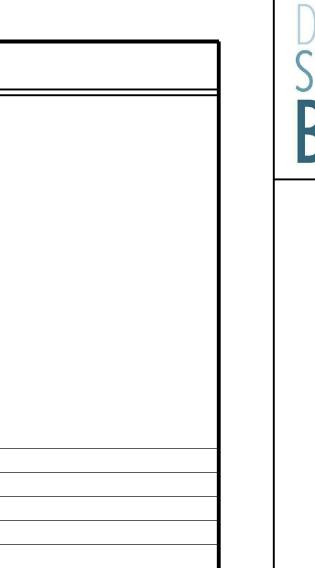
CHROME PLATED ESCUTCHEONS SHALL BE PROVIDED AT PIPE SLEEVES FOR EXPOSED BARE PIPE.

GENERAL NOTES

- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE CODES, LOCAL CODES, AND OWNER'S STANDARDS INDICATED BY THE CONSTRUCTION DOCUMENTS.
- 2. PLUMBING DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING, ETC. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS. TAKE ALL DIMENSIONS FROM ARCHITECTURAL DRAWINGS, CERTIFIED EQUIPMENT DRAWINGS AND FROM THE STRUCTURE ITSELF BEFORE FABRICATING ANY WORK, VERIFY ALL SPACE REQUIREMENTS COORDINATING WITH OTHER TRADES, AND INSTALL THE SYSTEMS IN THE SPACE PROVIDED WITHOUT EXTRA CHARGES TO THE OWNER.
- CONTRACTOR SHALL COORDINATE WORK INDICATED WITH MECHANICAL, ELECTRICAL, FIRE PROTECTION, STRUCTURAL, CIVIL, AND ARCHITECTURAL DIVISIONS. CONTRACTOR SHALL VERIFY SIZE & LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK, COORDINATE WITH OTHER TRADES AND MAKE FINAL CONNECTION.
- 4. PROVIDE ALL EQUIPMENT SCHEDULED OR INDICATED ON THE DRAWINGS BUT NOT INCLUDED WITHIN THE SPECIFICATIONS INCLUDING ANY REQUIRED BUT NOT LISTED MISC ITEMS REQUIRED TO PROVIDE COMPLETE OPERATIONAL SYSTEMS AS INDICATED WHETHER SPECIFICALLY CALLED FOR OR NOT. INSTALLATION SHALL CONFORM TO MANUFACTURERS RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE SUBMITTALS FOR ALL PROPOSED FIXTURES, EQUIPMENT AND MATERIALS TO BE UTILIZED. PROVIDE OPERATION AND MAINTENANCE MANUAL FOR ALL SYSTEMS AND EQUIPMENT AT END OF PROJECT.
- 5. ELECTRICAL CHARACTERISTICS OF PLUMBING EQUIPMENT SHALL BE VERIFIED WITH ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR PRIOR TO EQUIPMENT ORDER RELEASE. ADDITIONAL ELECTRICAL WORK RESULTING FROM EQUIPMENT SUBSTITUTION IS THE RESPONSIBILITY OF THIS CONTRACTOR.
- 6. DRAIN PIPING FROM EQUIPMENT SHALL BE ROUTED SO AS NOT TO CREATE A TRIPPING HAZARD.
- ITEM DESIGNATIONS INDICATED HEREON ARE FOR PURPOSES OF THESE DOCUMENTS ONLY. CONTRACTOR SHALL VERIFY WITH OWNERS REPRESENTATIVE ACTUAL "TAGGING" INFORMATION TO BE PROVIDED FOR EACH ITEM OF MECHANICAL EQUIPMENT PRIOR TO NAMEPLATE ORDER RELEASE.
- 8. PROVIDE 18" X 18" MINIMUM ACCESS DOOR IN INACCESSIBLE CEILINGS AND WALLS FOR EQUIPMENT AND VALVES REQUIRING ACCESS OR ADJUSTMENT. COORDINATE LOCATIONS AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO BEGINNING WORK.
- 9. PROVIDE CLEANOUTS WHERE INDICATED ON DRAWINGS OR AS REQUIRED BY JURISDICTIONAL PLUMBING CODE.
- 10. VTR'S SHALL BE 10'-0" MINIMUM FROM BUILDING AIR INTAKES AND OPENINGS INTO BUILDING. COORDINATE WITH MECHANICAL DRAWINGS AND CONTRACTOR.
- 11. CLEAN, TEST, AND SANITIZE ALL PLUMBING IN ACCORDANCE WITH REQUIREMENTS OF JURISDICTIONAL PLUMBING AND HEALTH CODES.
- 12. AT THE COMPLETION OF THE WORK AND PRIOR TO FINAL ACCEPTANCE, ALL PARTS OF THE WORK INSTALLED UNDER THIS SPECIFICATION SHALL BE THOROUGHLY CLEANED.
- 13. ALL EQUIPMENT, MATERIALS, AND INSTALLATION IS TO BE WARRANTEED FOR ONE YEAR TO BE FREE FROM DEFECT. PROVIDE WRITTEN WARRANTY TO OWNER.
- 14. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM HIS WORK.
- 15. THIS CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, ELECTRICAL CONDUIT, STRUCTURAL MEMBERS, ETC., PRIOR TO STARTING OF CONSTRUCTION. COORDINATE CONFLICTS WITH THE GENERAL CONTRACTOR.
- 16. THIS CONTRACTOR SHALL COORDINATE ALL REQUIRED EXISTING BUILDING SERVICE SYSTEM OUTAGES WITH BUILDING MANAGEMENT.
- 17. ALL PLUMBING SYSTEMS ARE REQUIRED TO BE INSTALLED PER BASE BUILDING REQUIREMENTS, LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
- 18. SAWCUT/CORE DRILL EXISTING FLOOR AS REQUIRED FOR INSTALLATION OR CAPPING OF WASTE AND VENT PIPING. PATCH AND REPAIR TO MATCH EXISTING.
- 19. PATCH AND REPAIR TO MATCH EXISTING, ANY WALL/CEILINGS TO BE ACCESSED TO ROUTE
- 20. EXISTING PLUMBING AND EQUIPMENT TO REMAIN IS SHOWN LIGHT. NEW PLUMBING AND EQUIPMENT IS SHOWN HEAVY. EXISTING PLUMBING AND EQUIPMENT TO BE REMOVED IS SHOWN WITH A HATCH OVER THE ITEM.

	S	SHEET INDEX
ISSUE		
	05-19-2025 PROGRESS SET	
	SHEET NO.	D. SHEET DESCRIPTION
	● P001	PLUMBING COVER SHEET
	• P200	PLUMBING PLAN - DEMO
	• P201	PLUMBING PLAN - NEW
	• P301	PLUMBING SCHEDULES AND DETAILS

PLUMBING LEGEND		
ADDD		
ABBR.	SYMBOL	DESCRIPTION
S OR W		SOIL, WASTE OR SEWER BELOW GRADE OR FLOOR
FCO/GCO		FLOOR OR GRADE CLEANOUT
CO	1	CLEANOUT
V		VENT
CW		COLD WATER
HW		HOT WATER
HWR		HOT WATER RETURN
WHA		WATER HAMMER ARRESTOR
D	D	DRAIN
OD	OD	OVERFLOW DRAIN
SOV	\longrightarrow	SHUT-OFF VALVE
TV		THROTTLING VALVE
CV	——————————————————————————————————————	CONTROL VALVE
STR		STRAINER
U		UNION
FD	lacksquare	FLOOR DRAIN
FS		FLOOR SINK
RD	<u></u>	ROOF DRAIN
ORD	0	OVERFLOW ROOF DRAIN
VTR	0	VENT THRU ROOF
PC	.	PIPE CAP
AFF		ABOVE FINISHED FLOOR
UNO		UNLESS NOTED OTHERWISE
AAV		AIR ADMITTANCE VALVE
E		EXISTING
N		NEW
R		RELOCATED
	•	POINT OF CONNECTION NEW TO EXISTING



NO	DESCRIPTION	DAT

REVISIONS





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CONSULTANT PROJECT NO.: **2025-037-01**

PLUMBING COVER SHEET

2025.22

05/23/2025 1/4" = 1'-0'

KEYNOTES

- DEMO EXISTING LAVATORY. DEMO HW, CW AND V TO ABOVE CEILING AND CAP. DEMO W TO BELOW FLOOR AND CAP.
- DEMO EXISTING WATER CLOSET. DEMO CW BACK TO CW MAIN AND CAP. DEMO W TO BELOW FLOOR AND CAP.
- 3 DEMO EXISTING WATER HEATER AND ALL ASSOCIATED HW AND HWR PIPING, HOT WATER RECIRC. PUMP AND EXPANSION TANK.



	REVISIONS	
NO	DESCRIPTION	DATE

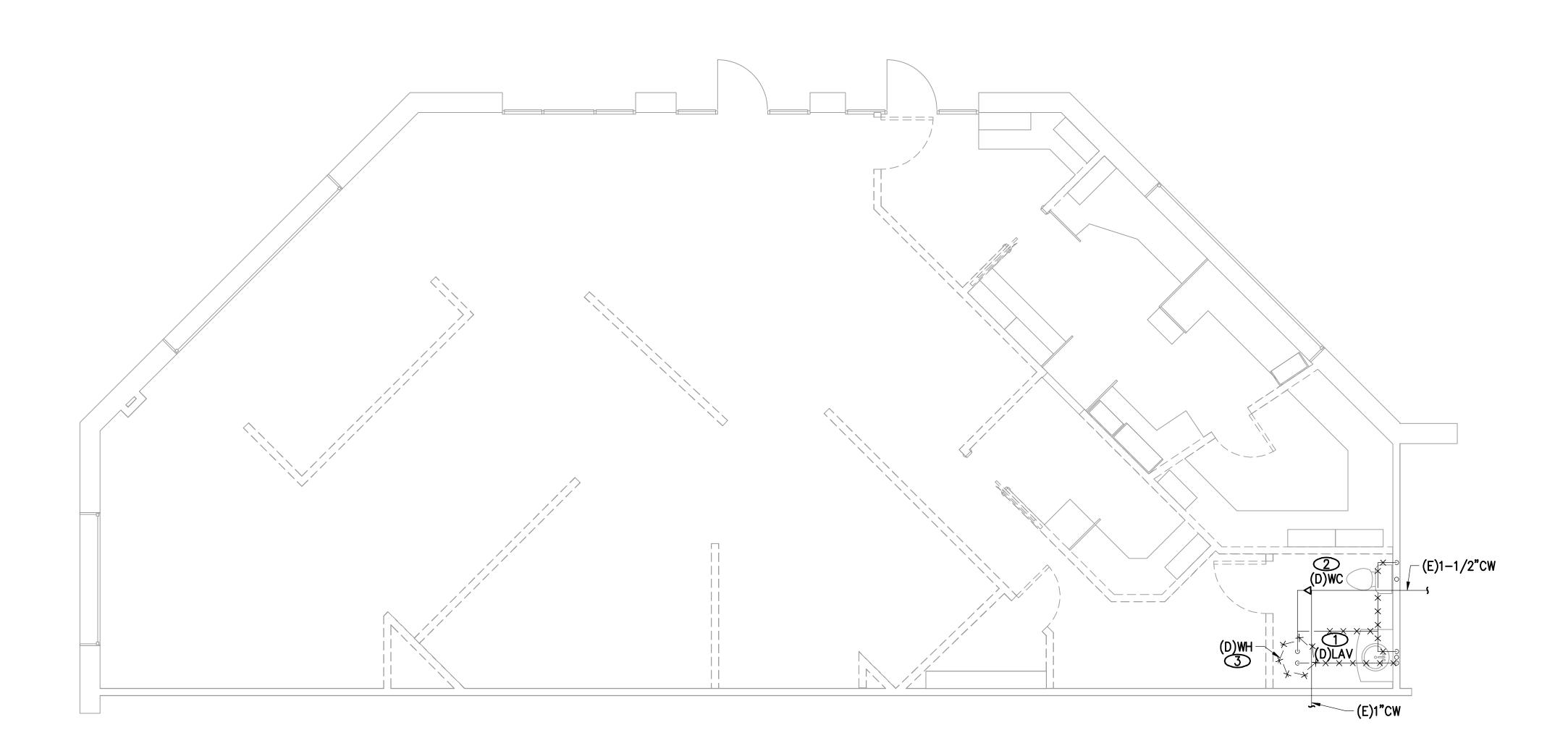


CONSULTANT SEAL:

CONSULTANT PROJECT NO.: 2025-037-01

PLUMBING PLAN - DEMO

SUE DATE:		ISSUED FOR:
	05/23/2025	PERMIT ISSUE
ESIGNED:		PROJECT NO:
	CNB	2025.22
AQC:	BEM	SHEET NO:
CALE:	1/4" = 1'-0"	P200



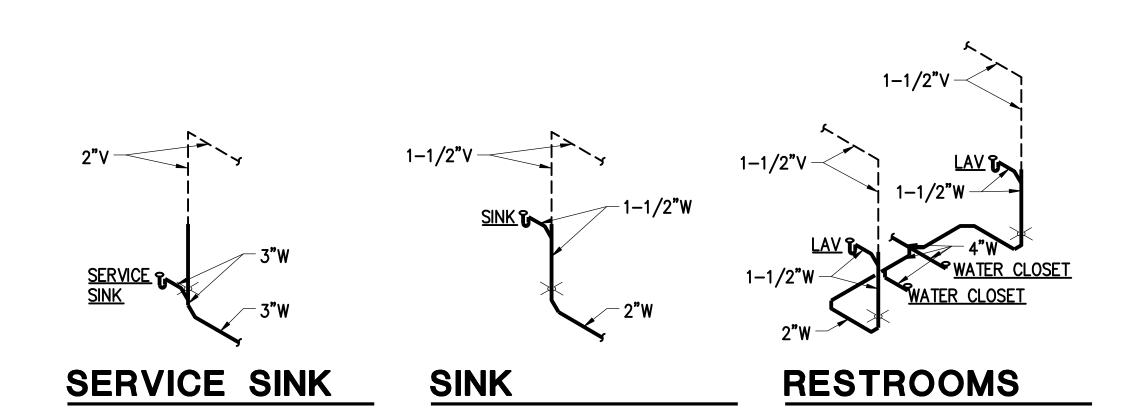


PLUMBING PLAN - DEMO

1/4" = 1'-0"

P200





WASTE AND VENT ISOMETREICS (2) N.T.S.

KEYNOTES

- 1 PROVIDE AND INSTALL NEW LAVATORY. ROUGH-IN AND CONNECT HW, CW W AND V PER CONNECTION SCHEDULE ON P301.
- 2 PROVIDE AND INSTALL NEW DRINKING FOUNTAIN. ROUGH-IN AND CONNECT HW, CW W AND V PER CONNECTION SCHEDULE ON P301.
- 3 PROVIDE AND INSTALL NEW WATER CLOSET. ROUGH-IN AND CONNECT CW AND W SIZED PER CONNECTION SCHEDULE ON P301.
- 4 CONNECT 1"CW TO EXISTING PIPE IN CEILING. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION PRIOR TO CONSTRUCTION. 5 CONNECT NEW 4" WASTE PIPE TO EXISTING 4" WASTE AND 2" V TO EXISTING VENT THROUGH ROOF. CONTRACTOR TO FIELD VERIFY SIZE,
- INVERT ELEVATION AND DIRECTION OF FLOW PRIOR TO CONSTRUCTION. 6 ROUTE 1/2"CW AND FULL SIZED HW LOOP DOWN IN WALL TO WITHIN 12" OF LAVATORY ROUGH-IN.
- CONNECT 1"HW, 3/4"HWR, 1"CW AND 1" DRAIN TO WATER HEATER SUSPENDED FROM STRUCTURE IN CEILING SPACE. RE: CEILING MTD. ELECTRIC WATER HEATER DETAIL, 1/P301.
- 8 1" DRAIN. CONNECT TO WATER HEATER DRAIN PAN AND ROUTE AS SHOWN. EXTEND DRAIN DOWN IN WALL TO BELOW LAVATORY AND DISCHARGE INTO DIVERTER TEE INSTALL AT P-TRAP INLET.
- 9 PROVIDE AND INSTALL NEW SINK. ROUGH-IN AND CONNECT HW, CW, W AND V PER CONNECTION SCHEDULE ON P301. EXTEND FULL SIZED HW AND DRAIN TO DISHWASHER AND CONNECT. RE: 1/P301
- 10 PROVIDE AND INSTALL NEW SINK. ROUGH-IN AND CONNECT HW, CW W AND V PER CONNECTION SCHEDULE ON P301.
- 11) ROUTE 3/4"HW AND 3/4"CW DOWN IN WALL TO FULL SIZED HEADER. 12 PROVIDE AND INSTALL NEW SERVICE SINK. ROUGH-IN AND CONNECT HW, CW W AND V PER CONNECTION SCHEDULE ON P301.

GENERAL NOTES:

- 1. ALL HW AND CW PIPING IN UNITS IS 3/4" OR FINAL FIXTURE CONNECTION SIZE UNLESS OTHERWISE NOTED.
- 2. NO WATER PIPING IS TO BE ROUTED IN EXTERIOR WALLS OR UNHEATED ATTIC SPACE, PIPING TO BE ROUTED ON HEATED SIDE OF INSULATED WALLS AND CEILINGS.



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REVISIONS DATE DESCRIPTION

CONSULTANT:

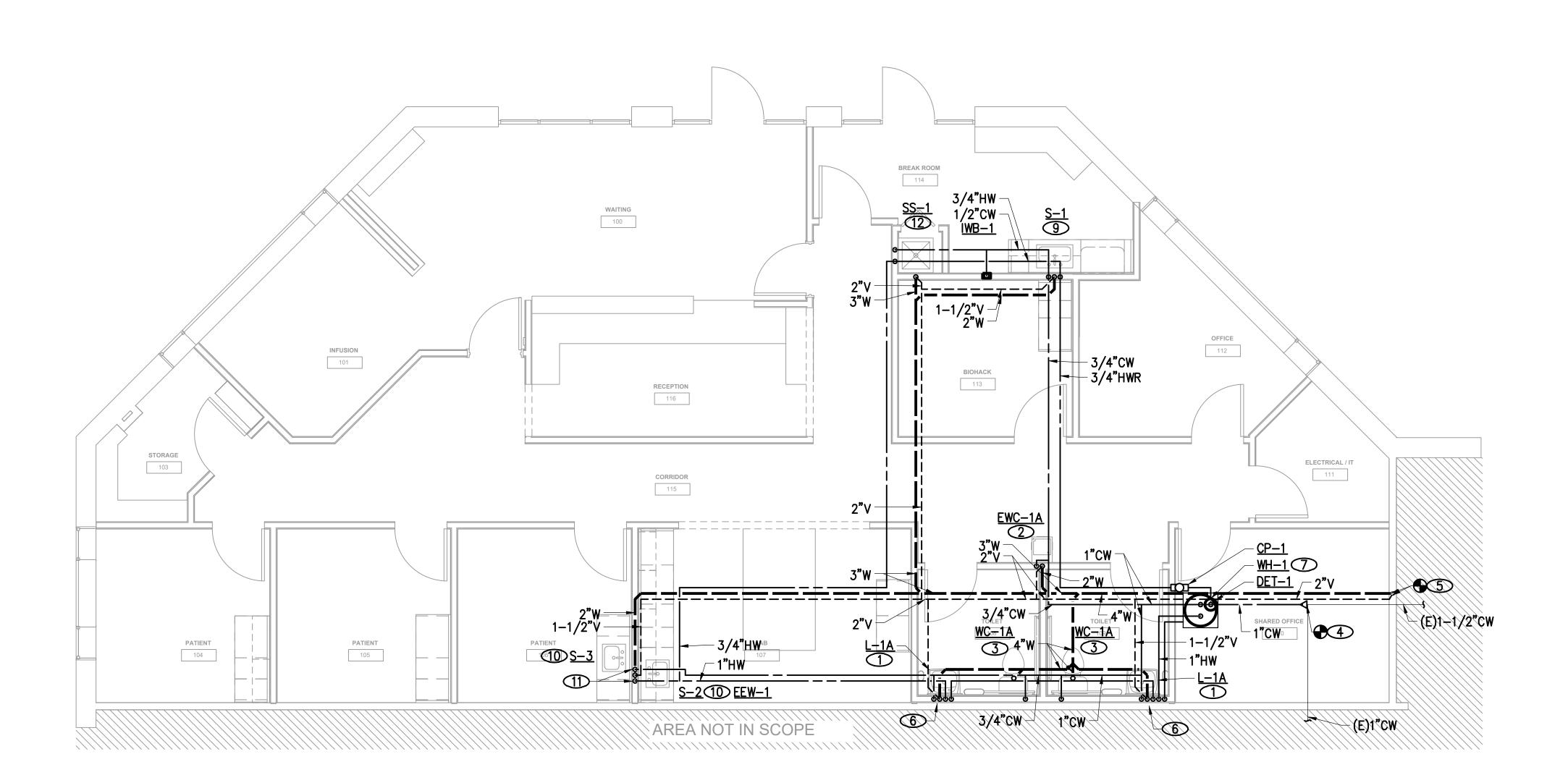


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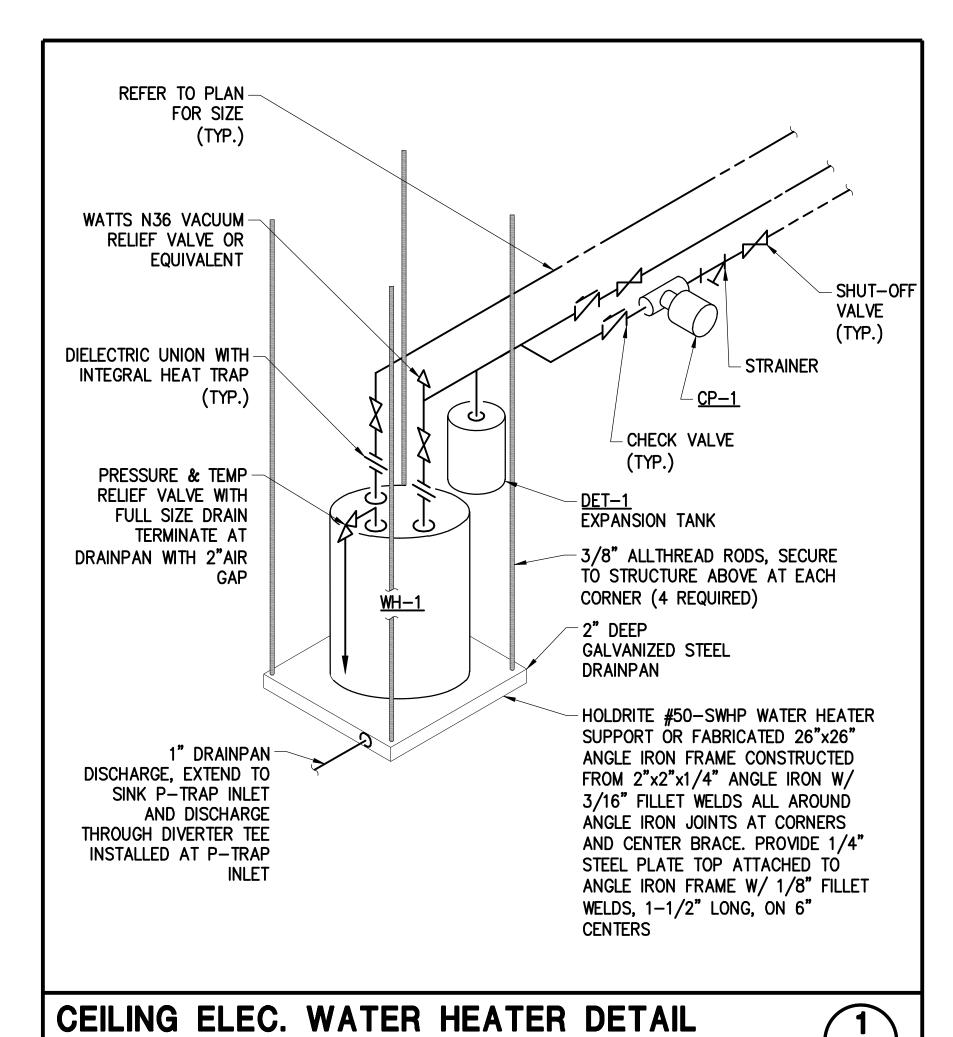
CONSULTANT PROJECT NO.: 2025-037-01

PLUMBING PLAN - NEW

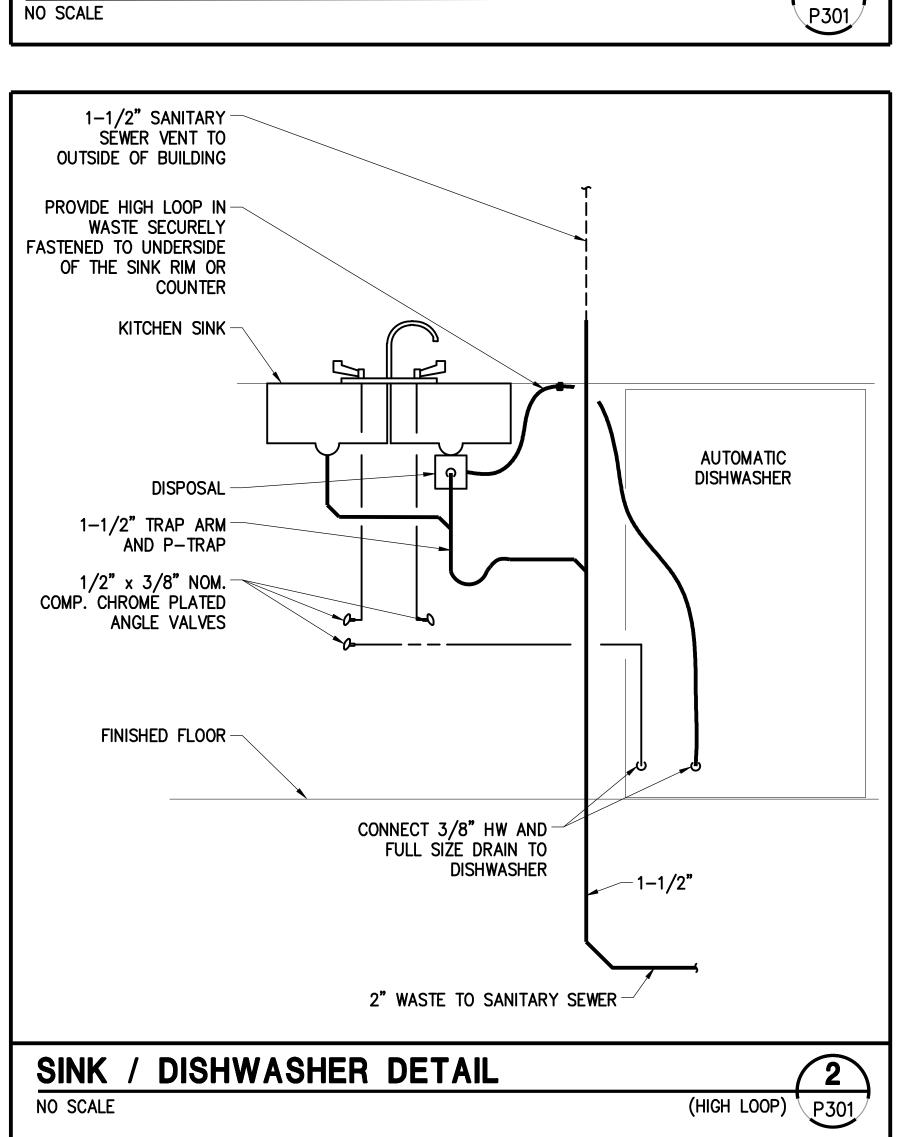
ISSUE DATE:		ISSUED FOR:
	05/23/2025	PERMIT ISSUE
DESIGNED:		PROJECT NO:
	CNB	2025.2
QAQC:		SHEET NO:
	BEM	
SCALE:	1/4" = 1'-0"	P201







NO SCALE



	PLU	MBING FIXTURE SCH	EDULE		
MARK	DESCRIPTION	MFR/MODEL	ROUGH-IN (INC		NOTES
<u>L-1A</u>	ADA COMPLIANT 20"X18" VITREOUS CHINA WALL HUNG LAVATORY SINK WITH HOLE DRILLINGS TO MEET FAUCET SPECIFICATIONS. PROVIDE CHROME PLATED BRASS PERFORATED GRID DRAIN WITH ADA WHEELCHAIR OFFSET DRAIN, CHROME PLATED BRASS P—TRAP AND WASTE ARM, 1/2" NOM. COMP. X 3/8" NOM. COMP. CHROME PLATED ANGLE STOPS WITH WHEEL HANDLES, CHROME PLATED FLEXIBLE SEAMLESS COPPER TUBE SUPPLIES, (1) PIECE SET SCREW TYPE CHROME PLATED CAST BRASS ESCUTCHEONS AT WALL PENETRATIONS, AND WALL SUPPORT SYSTEM WITH CONCEALED ARM SUPPORTS, WELDED FEET, RECTANGULAR STEEL UPRIGHTS, AND MOUNTING FASTENERS. FAUCET TO BE OF CHAMPAGNE BRONZE PLATED CAST BRASS CONSTRUCTION WITH 0.50 GPM VANDAL RESISTANT AERATOR AND CERAMIC DISK CARTRIDGE TYPE VALVE. PROVIDE ASSE 1070 MIXING VALVE BELOW LAVATORY SET AT 105 DEG F DISCHARGE TEMP. ALL TRIM TO BE CHROME PLATED COPPER OR BRASS.	LAVATORY = ZURN #Z5341 OR EQUAL BY TOTO, KOHLER, CRANE, AMER STD FAUCET = DELTA #35747LF-CZ OR EQUAL BY AMERICAN STANDARD, KOHLER, ZURN, SYMMONS, CHICAGO MIXING VALVE = LEONARD #170-LF OR EQUAL BY WATTS, SYMMONS, POWERS, WILKINS, ZURN DRAIN = DEARBORN BRASS #760W-1 OR EQUAL BY BRASSCRAFT, KOHLER, AMER. STD., DELTA, CHICAGO, T&S BRASS, PROFLO TRAP AND SUPPLY INSULATION = TRUEBRO #103 E-Z OR EQUAL BY BROCAR, PROFLO CARRIER = ZURN #Z1231 OR EQUAL BY JOSAM, J.R. SMITH, WADE, MIFAB	1/2 1/2 11/2 11/3	74 1 ¹ / ₂	INSTALL MIXING VALVE ON WALL BELOW LAVATORY. CONNECT 3/8"HW AND 3/8"CW TO MIXING VALVE, EXTEND 3/8" TEMPERED WATER FROM MIXING VALVE TO FAUCET HOT WATER INLET.
<u>WC-1A</u>	ADA COMPLIANT FLOOR SET FLUSH TANK TYPE CLOSE COUPLED TOILET WITH LOW CONSUMPTION 1.28 GPF WATERSENSE CERTIFIED SIPHON JET FLUSHING ACTION, ELONGATED BOWL, BOLT DOWN LOCKING TANK LID, GLAZED TRAPWAY. PROVIDE CHROME PLATED 1/2" NOM. COMP. X 3/8" NOM. COMP. ANGLE STOP AND SEAMLESS CHROME PLATED COPPER TUBE WATER SUPPLY WITH CHROME PLATED (1) PIECE SET SCREW TYPE CHROME PLATED BRASS ESCUTCHEON AT WALL PENETRATION. PROVIDE OPEN FRONT WHITE SEAT LESS COVER WITH SELF SUSTAINING CHECK HINGE. ALL TRIM TO BE CHROME PLATED COPPER OR BRASS.	TOILET = TOTO #CST744ELB OR EQUAL BY AMER. STD., KOHLER, CRANE SEAT = TOTO #SC534-01 OR EQUAL BY OLSONITE, BENEKE, CHURCH, BEMIS, CENTOCO	1/2 2 _	- 4	FLOOR MOUNTED WITH WAX OR NEOPRENE CLOSET RING. SET WITH PLASTER OF PARIS AND WHITE NON-HARDENING ADHESIVE SEALANT BETWEEN THE FLOOR AND THE FIXTURE BASE WITH "COVED" FINISHING. ADA WATER CLOSET TANKS ARE TO BE PROVIDED WITH LEFT OR RIGHT HAND TRIP LEVERS AS REQUIRED TO ALLOW FOR TRIP LEVERS ARE TO BE INSTALLED TO WIDE SIDE OF ADA TOILET STALL.
EWC-1A	ADA COMPLIANT WALL HUNG ELECTRIC WATER COOLER WITH BAKED ENAMEL OR VINYL COVERED STEEL BODY AND STAINLESS STEEL TOP/TRIM AND BOTTLE FILLER INSTALLED IN WALL ABOVE MAIN UNIT. PROVIDE WITH AUTOMATIC STREAM REGULATOR, FILTER, SCREWDRIVER STOP, AND FAN COOLED REFRIGERATED CONDENSING UNIT. MANUFACTURER TO CERTIFY UNIT TO BE LEAD FREE AS DEFINED BY THE SAFE DRINKING WATER ACT. PROVIDE CHROME PLATED BRASS P—TRAP AND WASTE ARM, 1/2" NOM. COMP. X 3/8" NOM. COMP. CHROME PLATED ANGLE STOP WITH WHEEL HANDLE, AND CHROME PLATED FLEXIBLE SEAMLESS COPPER TUBE SUPPLY. PROVIDE WALL SUPPORT SYSTEM WITH TOP AND BOTTOM SUPPORT PLATES, WELDED FEET, RECTANGULAR STEEL UPRIGHTS, AND MOUNTING FASTENERS.	ELECTRIC WATER COOLER = ELKAY #LZS8WS(VR)LK OR EQUAL BY OASIS, HAWS, SUNROC, HALSEY TAYLOR CARRIER = ZURN #Z1225 OR EQUAL BY JOSAM, J.R. SMITH, WADE, MIFAB	1/2 11/2 11/3	/2 1 ¹ / ₂	INSTALL SPOUT HEIGHTS AS REQUIRED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS TO MEET ADA REQUIREMENTS. ELECTRICAL LOAD = 115VAC, 60HZ 370 WATTS, 4.0 FLA
S-1A	ADA COMPLIANT 25" WIDE X 22" LONG X 6" DEEP SINGLE COMPARTMENT UNDERMOUNT SINK CONSTRUCTED OF 18 GAUGE SOUND DAMPENED STAINLESS STEEL WITH HOLE DRILLINGS TO MEET FAUCET SPECIFICATIONS. PROVIDE CHROME PLATED BRASS P—TRAP AND WASTE ARM, 1/2" NOM. COMP. X 3/8" NOM. COMP. CHROME PLATED ANGLE STOPS WITH WHEEL HANDLES, CHROME PLATED FLEXIBLE SEAMLESS COPPER TUBE SUPPLIES, AND (1) PIECE SET SCREW TYPE CHROME PLATED CAST BRASS ESCUTCHEONS AT WALL PENETRATIONS. FAUCET TO BE OF HIGH ARC BRUSHED GOLD PLATED CAST BRASS CONSTRUCTION WITH 1.8 GPM VANDAL RESISTANT AERATOR AND CERAMIC DISK CARTRIDGE TYPE VALVE AND PULL—DOWN SPRAYER. ALL TRIM TO BE CHROME PLATED COPPER OR BRASS. PROVIDE CONTINUOUS FEED RUBBER CUSHION MTD. DISPOSER, MOTOR WITH MANUAL RESET OVERLOAD PROTECTION, STAINLESS STEEL STOPPER AND IMPELLERS (SWIVEL TYPE).	SINK = ELKAY #ECTSRAD25226TBG OR EQUAL BY JUST, MOEN FAUCET = DELTA #19846TLZ-CZ-DST OR EQUAL BY KOHLER, SYMMONS, CHICAGO, AMERICAN STANDARD TRAP AND SUPPLY INSULATION = TRUEBRO #102-E-Z & #402W & #106 E-Z OR EQUAL BY BROCAR, PROFLO DISPOSAL = ISE BADGER 5 OR EQUAL BY WHIRLAWAY, WASTE KING, SINKGUARD	1/2 1/2 11/2 11/3	² 1 ¹ / ₂	DISPOSAL ELECTRICAL LOAD = 115VAC, 60 HZ, 8.1 FLA, CONTROL FROM WALL SWITCH.
<u>S-2</u>	31" WIDE X 18" LONG X 9" DEEP SINGLE COMPARTMENT UNDERMOUNT SINK CONSTRUCTED OF 18 GAUGE HAMMERED BRASS. PROVIDE COMPATIBLE BASKET STRAINER, CHROME PLATED BRASS P-TRAP AND WASTE ARM, 1/2" NOM. COMP. X 3/8" NOM. COMP. CHROME PLATED ANGLE STOPS WITH WHEEL HANDLES, CHROME PLATED FLEXIBLE SEAMLESS COPPER TUBE SUPPLIES, AND (1) PIECE SET SCREW TYPE CHROME PLATED CAST BRASS ESCUTCHEONS AT WALL PENETRATIONS. FAUCET TO BE OF HIGH ARC BRUSHED GOLD PLATED CAST BRASS CONSTRUCTION WITH 1.8 GPM VANDAL RESISTANT AERATOR AND CERAMIC DISK CARTRIDGE TYPE VALVE AND PULL-DOWN SPRAYER.	SINK = THOMPSON #KSU3118HPB OR EQUAL BY JUST, MOEN, ELKAY FAUCET = DELTA #19846TLZ-CZ-DST OR EQUAL BY KOHLER, SYMMONS, CHICAGO, AMERICAN STANDARD STRAINER = ELKAY #LK35L OR EQUAL BY BRASSCRAFT, DEARBORN BRASS, KOHLER, AMER. STD., DELTA, CHICAGO, T&S BRASS, PROFLO TRAP AND SUPPLY INSULATION = TRUEBRO #102-E-Z & #402W OR EQUAL BY BROCAR, PROFLO	1/2 1/2 11/2 11/3	/2 1 ¹ / ₂	
<u>S-3</u>	ADA COMPLIANT APPROVED 15-3/4" WIDE X 15-3/4" LONG X 5-1/8" DEEP SINGLE COMPARTMENT UNDERMOUNT SINK CONSTRUCTED OF 18 GAUGE SOUND DAMPENED STAINLESS STEEL WITH GOLD FINISH. PROVIDE BRASS PLATED BRASS STRAINER, CHROME PLATED BRASS P-TRAP AND WASTE ARM, 1/2" NOM. COMP. X 3/8" NOM. COMP. CHROME PLATED ANGLE STOPS WITH WHEEL HANDLES, CHROME PLATED FLEXIBLE SEAMLESS COPPER TUBE SUPPLIES, AND (1) PIECE SET SCREW TYPE CHROME PLATED CAST BRASS ESCUTCHEONS AT WALL PENETRATIONS. FAUCET TO BE OF CHAMPAGNE BRONZE PLATED SINGLE HANDLE, SINGLE HOLE, CAST BRASS CONSTRUCTION WITH 0.50 GPM VANDAL RESISTANT AERATOR AND CERAMIC DISK CARTRIDGE TYPE VALVE. ALL TRIM TO BE CHROME PLATED COPPER OR BRASS.	SINK = KERRAN USA #CCU500G OR EQUAL BY JUST, MOEN, KINDRED, KOHLER, ELKAY FAUCET = DELTA #15827LFF-CZ OR EQUAL BY SYMMONS, KOHLER, AMER STD, CHICAGO STRAINER = ELKAY #LKAD18 OR EQUAL BY JUST, BRASSCRAFT, DEARBORN BRASS, KOHLER, AMER. STD., DELTA, CHICAGO, T&S BRASS, PROFLO TRAP AND SUPPLY INSULATION = TRUEBRO #102-E-Z & #402W OR EQUAL BY BROCAR, PROFLO	1/2 1/2 11/2 11/3	′2 1 ¹ / ₂	
<u>IWB-1</u>	COLD ROLLED STEEL RECESSED WALL BOX WITH WHITE POWDER COAT FINISH, DOMESTIC WATER SUPPLY AND SHUT-OFF VALVE FOR COLD WATER SUPPLY.	ICE MACHINE SUPPLY WALL BOX = GUY GRAY MIB OR EQUAL BY SPECIALTY PRODUCTS, SIOUX CHIEF	1/2		
<u>EEW-1</u>	DECK MOUNTED, HAND HELD, HOSE SPRAY EMERGENCY EYEWASH WITH DUEL SPRAY HEADS. FLOW RATE 1.6 GPM. PROVIDE ANGLED SPRAYHEAD WITH FLIP DUST COVERS AND THERMOSTATIC MIXING VALVE TO PROTECT AGAINST HIGH TEMPERATURE DISCHARGE.	GUARDIAN = G5022 GUARDIAN = G3600LF	1/2 1/2		
<u>SS-1</u>	ONE PIECE MOLDED STONE STAIN AND CHEMICAL RESISTANT SERVICE SINK BASIN WITH 10" HIGH SIDES, STAINLESS STEEL WALL GUARDS, 3"IPS INTEGRAL STAINLESS STEEL DRAIN, AND REMOVABLE STRAINER. PROVIDE FAUCET MOUNTED AT 40" ABOVE FINISHED FLOOR WITH INTEGRAL VACUUM BREAKER, BUCKET HOOK, AND WALL BRACE. PROVIDE 5 FT. 5/8" HOSE WITH WALL CLAMPS AND MOP HANGER MOUNTED OVER SINK	SERVICE SINK = FIAT #MSB-2424 WITH #832-AA AND #889-CC OR EQUAL BY STERN WILLIAMS, FLORESTONE FAUCET = FIAT #830-AA OR EQUAL BY AMER. STD., T&S BRASS, KOHLER, DELTA, CHICAGO	1/2 1/2 2 3	3	UNIT TO BE INSTALLED ON A MORTAR BED

	PLUMBING EQUIPMENT SCHEDULE
ITEM	DESCRIPTION
<u>WH-1</u>	STATE PCE 20 OR EQUAL 20 GALLON ELECTRIC WATER HEATER WITH 1.5 KW 120VAC/1—PHASE IMMERSION ELEMENT, 6 GAL/HR RECOVERY @ 100°F RISE. FURNISH WITH ASME TEMPERATURE & PRESSURE RELIEF VALVE. DIMENSIONS = 21-3/4"DIA X 22-1/4" TALL OPERATING WEIGHT=250LB
DET-1	AMTROL ST-5 DOMESTIC WATER BLADDER TYPE PRESSURE TANK FOR 2.0 GALLONS TANK VOLUME AND 0.9 GALLON ACCEPTANCE VOLUME, RATED FOR 150 PSI WORKING PRESSURE, PRECHARGED TO SYSTEM PRESSURE AT CONNECTION LOCATION. SYSTEM CONNECTION SIZE = 3/4" NPTF. DIMENSIONS = 8" DIA X 13" TALL. WEIGHT WITH RUPTURED BLADDER = 22 LB
<u>CP-1</u>	BELL & GOSSETT E3-6V/BTXRC DOMESTIC WATER RECIRCULATING PUMP CONSISTING OF LEAD FREE CONSTRUCTION FOR POTABLE WATER OPERATION. CAPACITY = 1 GPM @ 9.0 FT TDH. ELECTRICAL = 28 WATTS, 115V/1Ø. PROVIDE WITH VARIABLE MOTOR SPEED CONTROL, BUILT-IN ADJUSTABLE THERMOSTATIC CONTROL AND BUILT-IN PRE-ASSEMBLED TIMER SET TO TURN PUMP ON AT 7:00 AM AND OFF AT 6:00 PM.



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CONSULTANT SEAL: CONSULTANT: ПВ

REVISIONS

DESCRIPTION

DATE

MAY 23, 2025

CONSULTANT PROJECT NO.: 2025-037-01

PLUMBING SCHEDULES

AND DETAILS PERMIT 05/23/2025 ISSUE 2025.22 1/4" = 1'-0"

MECHANICAL SPECIFICATIONS

SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL PER SMACNA DUCT CONSTRUCTION STANDARDS. SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE CONSTRUCTED FOR 2" W.C. STATIC PRESSURE. SPIRAL LOCK-FORMED ROUND DUCT MAY BE UTILIZED WHERE SPACE ALLOWS. TRANSVERSE JOINTS AND LONGITUDINAL SEAMS SHALL BE SEALED AIR-TIGHT WITH MASTIC, MASTIC SHALL BE APPLIED ONLY TO THE INSIDE OF EXPOSED DUCTWORK. RADIUSED ELBOWS (R/D=1.5) OR MITERED ELBOWS WITH SINGLE THICKNESS TURNING VANES SHALL BE UTILIZED WHERE POSSIBLE. TURNING VANES SHALL BE SUPPORTED AT INTERVALS OF 36" MAXIMUM. TURNING VANE RUNNERS SHALL HAVE A VANE IN EVERY SLOT AND SHALL CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS FOR STANDARD SPACING.

INSULATED, FACTORY FABRICATED, FLEXIBLE DUCTWORK MAY BE UTILIZED AT RUNOUTS TO AIR DIFFUSERS WHERE DUCTWORK IS CONCEALED ABOVE CEILINGS. FLEXIBLE DUCTWORK SHALL CONSIST OF AN EXTERIOR REINFORCED LAMINATED VAPOR BARRIER, R-6.0 MINIMUM FIBERGLASS INSULATION AND INTERIOR VINYL LINER WITH SPRING STEEL WIRE HELIX. VINYL LINER SHALL NOT BE PERFORATED. FLEXIBLE DUCT ASSEMBLY SHALL HAVE A FLAME SPREAD/SMOKE DEVELOPED RATING OF 25/50 OR LESS. FLEXIBLE DUCT TO FLEXIBLE DUCT CONNECTIONS SHALL BE MADE WITH FACTORY FABRICATED STEEL COLLARS. FLEXIBLE DUCT SHALL BE SECURED TO RIGID DUCTWORK AND AIR DEVICES WITH SCREWS AND DRAWBANDS. LENGTH OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO 5' AND SHALL NOT BE COMPRESSED. FLEXIBLE DUCTWORK SHALL NOT BE USED FOR ELBOWS. FLEXIBLE DUCT SHALL NOT BE USED ABOVE INACCESSIBLE CEILINGS. FLEXIBLE DUCT SHALL NOT PASS THROUGH WALLS.

ALL SUPPLY AND RETURN RECTANGULAR DUCTWORK SHALL BE PROVIDED WITH DUCT LINER (INSIDE THE DUCT): ONE INCH THICK, RESIN BONDED GLASS FIBER, IMMOBILIZED, EPA-REGISTERED ANTIMICROBIAL AGENT COATING ON AIR STREAM SURFACE, RATED BY MANUFACTURER FOR AT LEAST 4000 FPM AND MEETING THE REQUIREMENTS OF ASTM C1071 TYPE I. FIRE RESISTANCE SHALL MEET REQUIREMENTS OF NFPA 90A. FLAME SPREAD RATING NOT TO EXCEED 25. FUEL CONTRIBUTION AND SMOKE DEVELOPMENT NOT TO EXCEED 50. NOISE REDUCTION COEFFICIENT (NRC) OF NOT LESS THAN 0.60 WHEN TESTED IN ACCORDANCE WITH ASTM C423 USING AN "A" MOUNTING OR A MINIMUM OF 0.70 USING AN "F" MOUNTING. K VALUE NOT MORE THAN 0.26 BTUH PER SQUARE FOOT PER DEG. F AT 75 DEG. F OR AN "R" VALUE OF 4. MAXIMUM ABSOLUTE ROUGHNESS FACTOR PER FOOT OF .004

SUPPLY AND RETURN AIR DUCTWORK SHALL BE INSULATED WITH R-6 INSULATION WHEN LOCATED IN UNCONDITIONED SPACES WITHIN THE BUILDING ENVELOPE AND R-12 WHEN LOCATED OUTSIDE OF THE BUILDING. OUTSIDE AIR INTAKE DUCTS INSTALLED IN CONDITIONED AREAS SHALL BE INSULATED WITH R-3.5 INSULATION. DUCT INSULATION TO BE FLEXIBLE FIBERGLASS WITH FOIL SCRIM FACING. INSULATION SHALL HAVE A MAXIMUM CONDUCTIVITY, K-VALUE, OF 0.29 AT 75°F AND HAVE FLAME SPREAD/SMOKE DEVELOPED RATING OF 25/50 OR LESS. INSULATION SHALL BE SECURED WITH WIRE TIES AT 12" ON CENTER OR WITH SELF-SEALING LAP AND TAPE JOINTS 3" ON CENTER AT FITTINGS. JOINTS SHALL BE COVERED WITH 3" WIDE FOIL REINFORCED KRAFT TAPE. ADHESIVE OR MECHANICAL FASTENERS SHALL BE USED WHERE NECESSARY TO PREVENT SAGGING, VAPOR BARRIER PENETRATIONS BY MECHANICAL FASTENERS SHALL BE SEALED WITH VAPOR BARRIER ADHESIVE. INSULATION SHALL STOP AND POINT AROUND ACCESS DOORS AND DAMPER OPERATORS TO ALLOW OPERATION WITHOUT DISTURBING WRAPPING.

DUCT HANGERS SHALL BE CONSTRUCTED OF GALVANIZED STEEL. DUCTS SHALL BE SUPPORTED AND CONNECTED TO THE STRUCTURE PER SMACNA DUCT CONSTRUCTION STANDARDS. HANGERS AND SUPPORTS FOR GREASE DUCT SHALL BE OF NONCOMBUSTIBLE MATERIALS. FLEXIBLE DUCTS SHALL BE SUPPORTED WITH GALVANIZED STRAPS.

MANUAL VOLUME DAMPERS SHALL BE FURNISHED AND INSTALLED WHERE INDICATED AT SUPPLY AIR DUCT RUNOUTS TO AIR DIFFUSERS AND GRILLES AS NEAR AS POSSIBLE TO THE TRUNK DUCT. MANUAL VOLUME DAMPERS FOR RECTANGULAR DUCT SHALL BE CONSTRUCTED OF 16 GAUGE GALVANIZED STEEL AND BE THE OPPOSED BLADE TYPE. MANUAL VOLUME DAMPERS FOR ROUND DUCT SHALL BE CONSTRUCTED OF 16 GAUGE GALVANIZED STEEL AND BE THE SINGLE BLADE TYPE. DAMPER BEARINGS SHALL BE NYLON. STAND-OFFS TO OUTSIDE OF INSULATION SHALL BE PROVIDED FOR MANUAL VOLUME DAMPERS IN INSULATED DUCT. LOCKING AND INDICATING QUADRANTS SHALL BE PROVIDED WHERE DAMPER IS ACCESSIBLE. REMOTE CEILING OPERATORS SHALL BE FURNISHED AND INSTALLED FOR DAMPERS ABOVE INACCESSIBLE CEILINGS. OPERATORS SHALL BE GEAR AND LINKAGE TYPE EQUAL TO YOUNG REGULATOR WITH CHROME PLATED CEILING ESCUTCHEON AND COVER PLATE.

AIR DEVICES SHALL BE AS SCHEDULED. EXPOSED SCREWS SHALL BE THE FINISHING TYPE AND PAINTED TO MATCH THE AIR DEVICE. SQUARE TO ROUND ADAPTORS SHALL BE PROVIDED WHERE REQUIRED FOR AIR DEVICES IN CEILINGS. AIR DEVICES SHALL BE FINISHED WITH WHITE BAKED ENAMEL UNLESS NOTED OTHERWISE. AIR DEVICES SHALL BE SECURED TO T-BAR CEILINGS WHERE APPLICABLE.

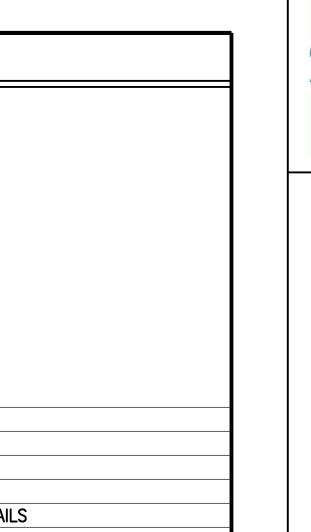
AN INDEPENDENT TEST AND BALANCE FIRM WHICH IS AABC OR NEBB CERTIFIED SHALL BE RETAINED FOR CHECK/TEST-START-UP AND TESTING AND BALANCING OF AIR SYSTEMS. THE TEST REPORT SHALL BE IN A FORMAT APPROVED BY AABC FOR SYSTEMS OF THIS TYPE AND COMPLEXITY. QUALIFICATIONS OF INDEPENDENT TEST AND BALANCE FIRM SHALL BE SUBMITTED FOR REVIEW.

GENERAL NOTES

- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE CODES, LOCAL CODES, AND OWNER'S STANDARDS INDICATED BY THE CONSTRUCTION DOCUMENTS.
- MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING, ETC. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS. TAKE ALL DIMENSIONS FROM ARCHITECTURAL DRAWINGS, CERTIFIED EQUIPMENT DRAWINGS AND FROM THE STRUCTURE ITSELF BEFORE FABRICATING ANY WORK. VERIFY ALL SPACE REQUIREMENTS COORDINATING WITH OTHER TRADES, AND INSTALL THE SYSTEMS IN THE SPACE PROVIDED WITHOUT EXTRA CHARGES TO THE OWNER.
- CONTRACTOR SHALL COORDINATE WORK INDICATED WITH PLUMBING, ELECTRICAL, FIRE PROTECTION, STRUCTURAL, AND ARCHITECTURAL DIVISIONS.
- 4. PROVIDE ALL EQUIPMENT SCHEDULED OR INDICATED ON THE DRAWINGS BUT NOT INCLUDED WITHIN THE SPECIFICATIONS INCLUDING ANY REQUIRED BUT NOT LISTED MISC ITEMS NEEDED TO PROVIDE COMPLETELY OPERATIONAL SYSTEMS AS INDICATED WHETHER SPECIFICALLY CALLED FOR OR NOT. INSTALLATION SHALL CONFORM TO MANUFACTURERS RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE SUBMITTALS FOR ALL PROPOSED EQUIPMENT AND MATERIALS TO BE UTILIZED. PROVIDE OPERATION AND MAINTENANCE MANUAL FOR ALL SYSTEMS AND EQUIPMENT AT END OF PROJECT.
- ELECTRICAL CHARACTERISTICS OF MECHANICAL EQUIPMENT SHALL BE VERIFIED WITH ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR PRIOR TO EQUIPMENT ORDER RELEASE. ADDITIONAL ELECTRICAL WORK RESULTING FROM EQUIPMENT SUBSTITUTION IS THE RESPONSIBILITY OF THIS CONTRACTOR.
- 6. ITEM DESIGNATIONS INDICATED HEREON ARE FOR PURPOSES OF THESE DOCUMENTS ONLY. CONTRACTOR SHALL VERIFY WITH OWNERS REPRESENTATIVE ACTUAL "TAGGING" INFORMATION TO BE PROVIDED FOR EACH ITEM OF MECHANICAL EQUIPMENT PRIOR TO NAMEPLATE ORDER RELEASE.
- DUCT SIZES INDICATED ARE OUTSIDE SHEETMETAL DIMENSIONS, BRANCH RUNOUT DUCTS TO DIFFUSERS AND GRILLES TO BE SAME SIZE AS DIFFUSER OR GRILLE CONNECTION SIZE UNLESS OTHERWISE NOTED.
- LENGTH OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO 5'-0" MAX. HORIZONTAL RUN WITH ONLY ONE 90° ELBOW PERMITTED. SECURE FLEXIBLE DUCTWORK WITH SCREWS & DRAWBANDS PER SMACNA STANDARDS.
- 9. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ACTUAL LOCATION OF GRILLES, DIFFUSERS, AND ACCESS DOORS IN CEILING. SECURE DIFFUSERS & GRILLES TO T-BAR CEILINGS WHERE APPLICABLE.
- 10. AT THE COMPLETION OF WORK, PROVIDE TESTING AND BALANCING SERVICES FOR MECHANICAL SYSTEM. SUBMIT WRITTEN REPORT TO ARCHITECT LISTING SYSTEM AIRFLOWS, ELECTRIC DATA, TEMPERATURES, AND PRESSURE DROPS.
- 11. AT THE COMPLETION OF THE WORK AND PRIOR TO FINAL ACCEPTANCE, ALL PARTS OF THE WORK INSTALLED UNDER THIS SPECIFICATION SHALL BE THOROUGHLY CLEANED.
- 12. ALL EQUIPMENT, MATERIALS, AND INSTALLATION IS TO BE WARRANTEED FOR ONE YEAR TO BE FREE FROM DEFECT. PROVIDE WRITTEN WARRANTY TO OWNER.
- 13. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM HIS WORK.
- 14. THIS CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING EQUIPMENT. DUCTWORK, PIPING, ELECTRICAL CONDUIT, STRUCTURAL MEMBERS, ETC., PRIOR TO STARTING OF CONSTRUCTION. COORDINATE CONFLICTS WITH THE GENERAL CONTRACTOR.
- 15. THIS CONTRACTOR SHALL COORDINATE ALL REQUIRED EXISTING BUILDING SERVICE SYSTEM OUTAGES WITH BUILDING MANAGEMENT.
- 16. ALL MECHANICAL SYSTEMS ARE REQUIRED TO BE INSTALLED PER BASE BUILDING REQUIREMENTS. LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
- 17. PATCH AND REPAIR TO MATCH EXISTING, ANY WALL/CEILINGS TO BE ACCESSED TO ROUTE PIPING AND DUCTWORK.
- 18. EXISTING DUCTWORK, PIPING, AND EQUIPMENT TO REMAIN IS SHOWN LIGHT. NEW DUCTWORK, PIPING, AND EQUIPMENT IS SHOWN HEAVY. EXISTING DUCTWORK, PIPING, AND EQUIPMENT TO BE REMOVED IS SHOWN WITH A HATCH OVER THE ITEM.

			5		INDEX
ISS	UE				
		2025-05-23 PERMIT ISSUE			
			SHEET NO.		SHEET DESCRIPTION
		•	M001	MECHANICAL	COVER SHEET
		•	M200	MECHANICAL	PLAN - DEMO
		•	M201	MECHANICAL	PLAN - NEW
		•	M301	MECHANICAL	SCHEDULES AND DETAILS

ABBR	SYMBOL	DESCRIPTION
T-STAT	(T)	THERMOSTAT
S	S	SPACE SENSOR W/ PLUG-IN PORT
FLFD	—— <u>F</u>	FUSIBLE LINK FIRÉ DAMPER
AUTO D	—М	MOTORIZED DAMPER
MVD	r	MANUAL VOLUME DAMPER
SA		SUPPLY AIR
RA		RETURN AIR
EA		EXHAUST AIR
OA		OUTSIDE AIR
SW	□ ~	SIDEWALL DIFFUSER
LD		LINED DUCTWORK
DIFF		DIFFUSER
GR		GRILLE
MA		MIXED AIR
AD		ACCESS DOOR
SP		STATIC PRESSURE
GBS		GALVANIZED BIRD SCREEN
ESP		EXTERNAL STATIC PRESSURE
WC		WATER COLUMN
TDH		TOTAL DYNAMIC HEAD
APD		AIR PRESSURE DROP
FG		FIBERGLASS
UNO		UNLESS NOTED OTHERWISE
FC		FORWARD CURVED
AF		AIRFOIL
PL		PLUG FAN
CV		CONSTANT VOLUME
VAV		VARIABLE AIR VOLUME
WP		WORKING PRESSURE
TSP		TOTAL STATIC PRESSURE
WPD		WATER PRESSURE DROP
EMCS		ENERGY MANAGEMENT AND CONTROL SYSTEM
AFF		ABOVE FINISHED FLOOR
E		EXISTING
N		NEW
R		RELOCATED
	•	POINT OF CONNECTION NEW TO EXISTING



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CONSULTANT PROJECT NO.: 2025-037-01

MAY 23, 2025

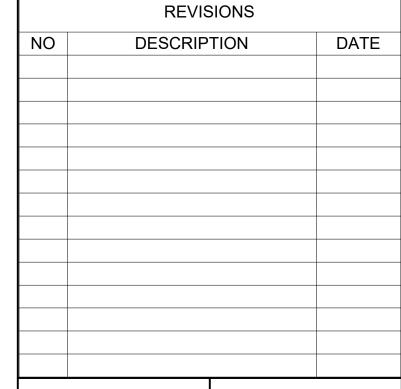
MECHANICAL COVER SHEET 05/23/2025 2025.22

1/4" = 1'-0'

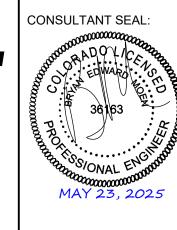
KEYNOTES

- REMOVE EXISTING SA DIFFUSER AND SUSPEND FROM STRUCTURE.
 DIFFUSER IS TO BE REINSTALLED.
- 2 REMOVE EXISTING RA GRILLE AND STOCKPILE ON SITE. RA GRILLE IS TO BE REINSTALLED.
- 3 DEMO EXISTING EXHAUST FAN AND EXHAUST DUCT.
- REMOVE EXISTING SA DIFFUSER FROM CEILING AND STOCKPIPE ON SITE. DEMO RUN-OUT DUCT AND TAP. PATCH SA MAIN AND SEAL AIRTIGHT.
- THERMOSTAT AND SUSPEND FROM STRUCTURE. THERMOSTAT IS TO BE REINSTALLED.









CONSULTANT PROJECT NO.: 2025-037-01

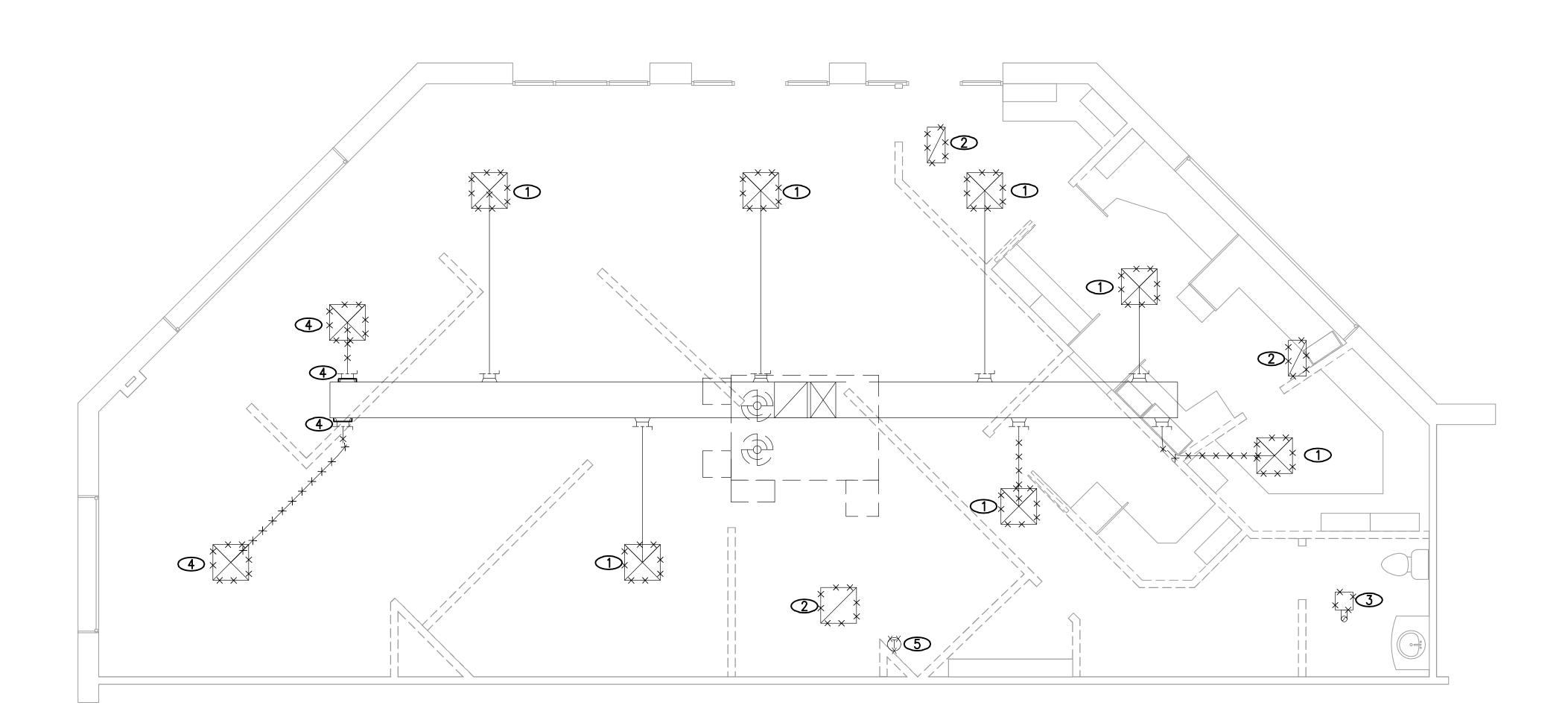
EN'S HEALTH

9619 E. COUNTY LINE RD., SUITE

SHEET NAME

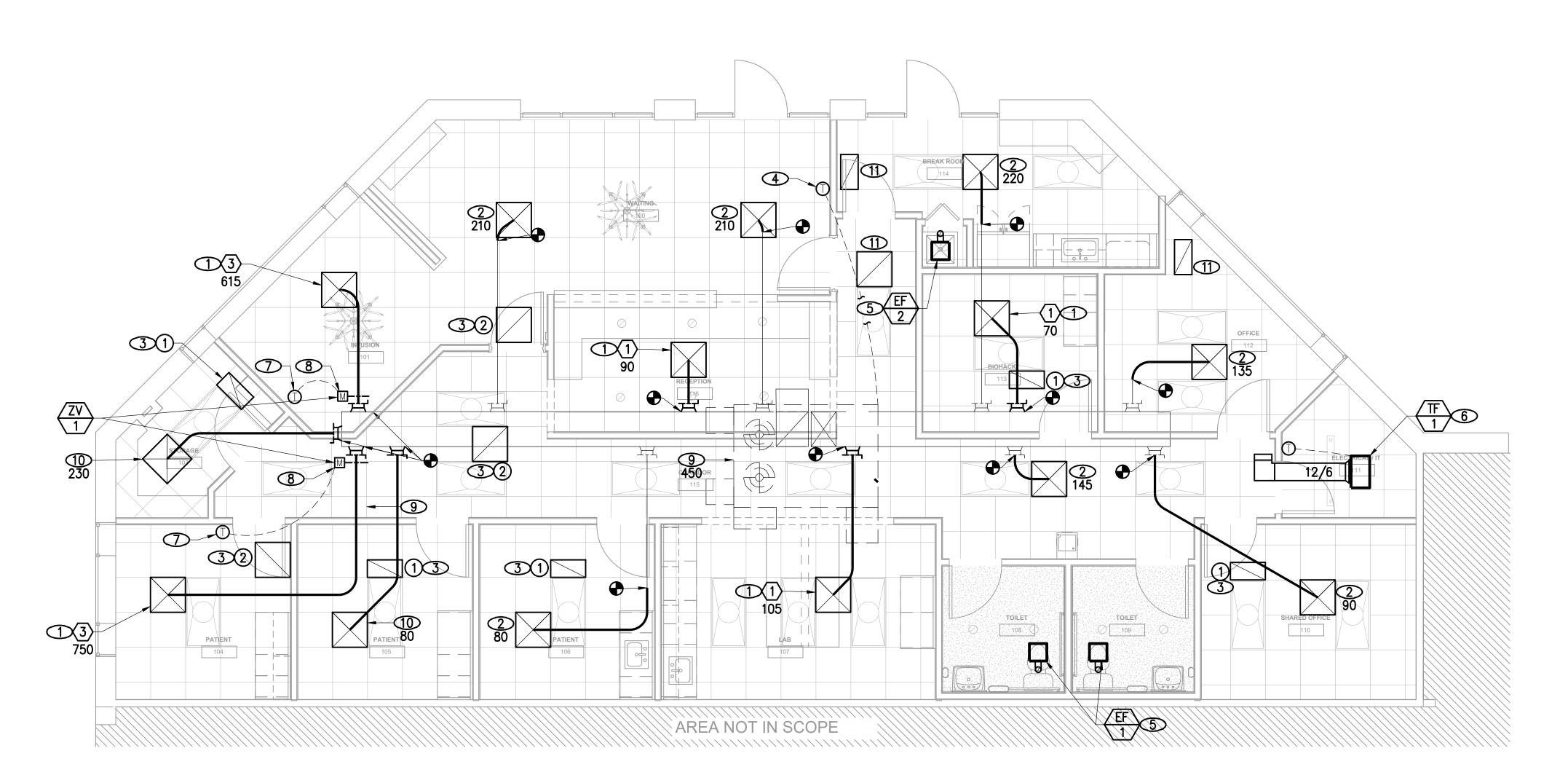
MECHANICAL PLAN - DEMO

SSUE DATE:		ISSUED FOR:
	05/23/2025	PERMIT ISSUE
ESIGNED:		PROJECT NO:
	CNB	2025.22
AQC:		SHEET NO:
	BEM	
CALE:	1/4" = 1'-0"	M200





	O	UTSIDE AIR VEI	NTILATION (CALCULATIONS						
PROJECT: VICTORY MENS HEALTH		CODE: 2021 IN	ЛC			SYSTEM: (E)RTU				
	AREA		OCCUPAN	ICY	AREA		TOTAL REQD	SUPPLY		
ROOM	(SQFT)	#/1000 SQFT	# PEOPLE	OSA PER (CFM)	CFM/SQFT	Ez	OSA (CFM)	AIR (CFM)	% OSA	
WAITING	229	30	7	5.0	0.06	0.80	61	420	15%	
RECEPTION	143	30	5	5.0	0.06	0.80	42	90	47%	
BREAK	120	25	3	5.0	0.06	0.80	28	220	13%	
BIOHACK	90	5	1	5.0	0.06	0.80	13	70	19%	
OFFICE	114	5	1	5.0	0.06	0.80	15	135	11%	
SHARED OFFICE	122	5	1	5.0	0.06	0.80	15	90	17%	
LAB	157	5	1	5.0	0.06	0.80	18	105	17%	
PATIENT	99	5	1	5.0	0.06	0.80	14	80	17%	
PATIENT	99	5	1	5.0	0.06	0.80	14	80	17%	
PATIENT	99	5	1	5.0	0.06	0.80	14	750	2%	
STORAGE	56	0	0	0.0	0.12	0.80	8	230	4%	
INFUSION	120	5	1	5.0	0.06	0.80	15	615	2%	
CORRIDOR	349	0	0	0.0	0.06	0.80	26	115	23%	
TOTALS	1,797		23			<u> </u>	283	3,000	<u> </u> 	
SYSTEM CALCULATIONS	•	•	•		•	•	•	•		
SUPPLY AIR	3,000	CFM		VENTILATION SYS	TEM EFFICIE	NCY		63%		
TOTAL UNCORRECTED OSA REQD	283	CFM		SYSTEM OCCUPAI	NT DIVERSIT	Υ		100%		
AVERAGE OUTDOOR AIR %	9%	,		CORRECTED SYST	EM MIN OUT	DOOR A	AIR	450	CFM	





KEYNOTES

- 1 PROVIDE AND INSTALL NEW SA DIFFUSER. CONNECT RUN-OUT DUCT, SIZED TO MATCH DIFFUSER NECK, AND ROUTE BACK TO SA MAIN AND CONNECT WITH NEW TAP WITH MVD. BALANCE TO CFM INDICATED.
- 2 NEW LOCATION FOR PREVIOUSLY REMOVED SA DIFFUSER. MODIFY RUN-OUT DUCT AS NECESSARY TO MAKE CONNECTION IN NEW LOCATION. BALANCE TO CFM INDICATED.
- 3 PROVIDE AND INSTALL NEW RA GRILLE.
- 4 NEW LOCATION FOR PREVIOUSLY REMOVED THERMOSTAT. MOUNT ON WALL AT 48"AFF.
- 5 PROVIDE AND INSTALL NEW EXHAUST FAN. MOUNT IN CEILING, TRANSITION OUTLET TO 6"Ø AND ROUTE UP THROUGH ROOF. TERMINATE 3'-0" MIN. ABOVE ROOF WITH APPROVED WEATHER CAP AND BIRDSCREEN.
- 6 PROVIDE AND INSTALL NEW HEAT RELIEF TRANSFER FAN. SUSPEND FAN FROM STRUCTURE, TRANSITION OUTLET TO 12/10 TA DUCT AND ROUTE TO RETURN AIR PLENUM OUTSIDE OF IT ROOM AS INDICATED. MOUNT RA THERMOSTAT ON WALL AT 60" AFF. UNDERCUT DOOR 2" BY G.C.
- DISCRIPTION OF ZONE THERMOSTAT. MOUNT THERMOSTAT ON WALL AT 60" AFF. PROVIDE WITH TAMPER PROOF LOCKING COVER.
- 8 LOCATION FOR ZONE VALVE, SIZED TO MATCH DUCT SIZE. ZONE VALVE IS TO BE LOCATED ABOVE AN ACCESSIBLE CEILING.
- 9 EXISTING RTU TO REMAIN. BALANCE OA TO CFM INDICATED.
- 10 NEW LOCATION FOR PREVIOUSLY REMOVED SA DIFFUSER. CONNECT RUN-OUT DUCT SIZED TO MATCH DIFFUSER AND ROUTE BACK TO SA MAIN AND CONNECT WITH NEW TAP WITH MVD. BALANCE TO CFM INDICATED.
- 11) NEW LOCATION FOR PREVIOUSLY REMOVED RA GRILLE.



REVISIONS DATE DESCRIPTION

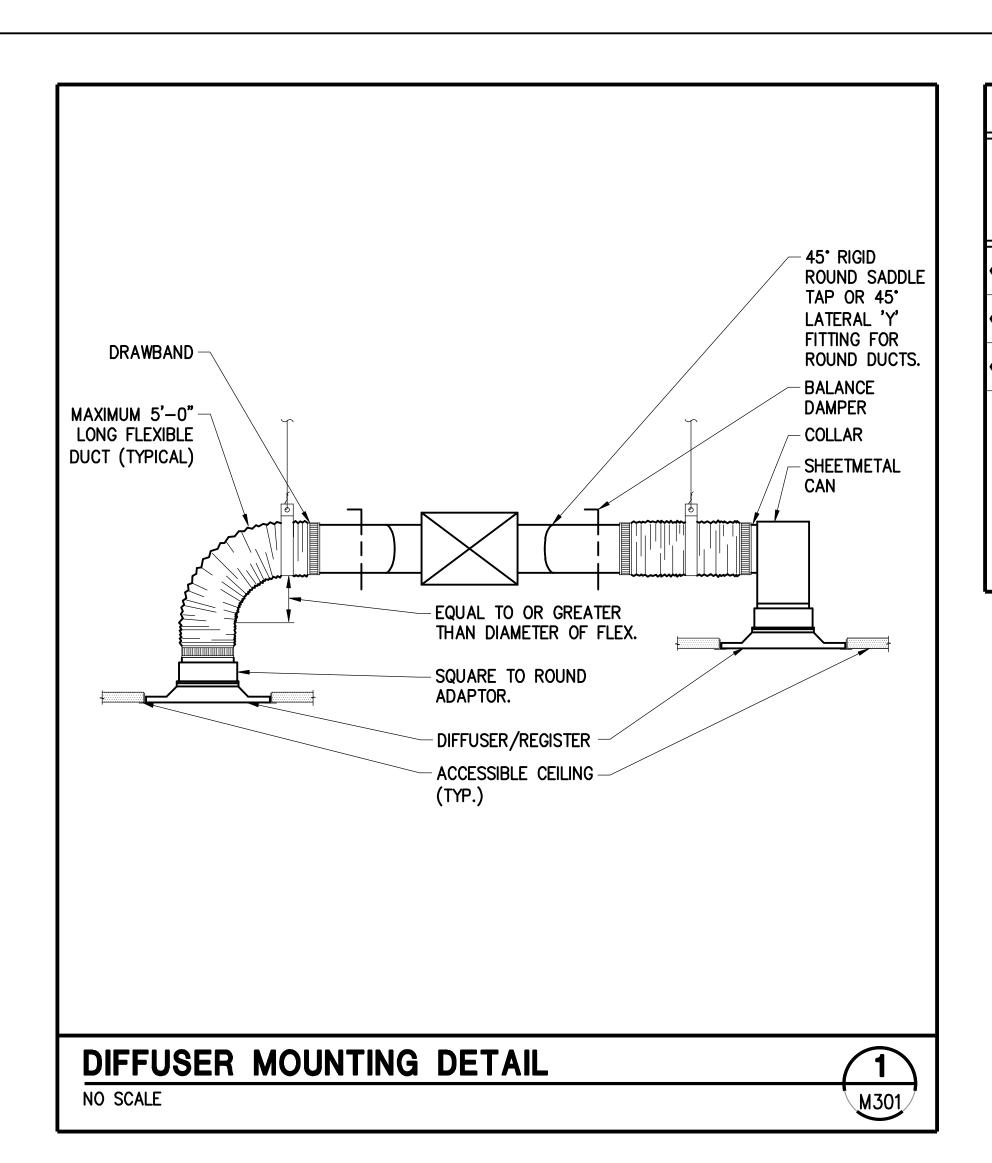
CONSULTANT: MB



CONSULTANT PROJECT NO.: 2025-037-01

MECHANICAL PLAN - NEW

PERMIT 05/23/2025 ISSUE DESIGNED: 2025.22 QAQC: 1/4" = 1'-0"



					EX	HAL	JST F	AN S	SCH	EDULE		
						MAX	Е	ELEC. DATA		MAX		
ITEM	MANUFACTURER/ MODEL	LOCATION/ SERVICE	MAX CFM	MAX ESP	FAN RPM	FAN SONES	WATTS/HP	VOLT	PH	OPERATING WEIGHT (LBS)	DIMENSIONS	NOTES
EF 1 EF 2 TF 1	AIR KING/ BFQ80	BATHROOM EXHAUST	75	.15	1347	2.0	29W	115	1	15	13.25" x 15.25"x 8-3/8"H	12
EF 2	AIR KING/ BFQ80	SERVICE SINK EXHAUST	75	.15	1347	2.0	29W	115	1	15	13.25" x 15.25"x 8-3/8"H	14
(TF)	AIR KING/ AK300	COMPUTER ROOM/ HEAT EXHAUST	300	0.1	857	0.8	69.5 WATTS	115	1	35	12.75" DEEP X 21.5" WIDE X 12.75" TALL	13
	NOTES:			•								

- 1 PROVIDE WITH PLASTIC GRILLE, BACK DRAFT DAMPER AND NEOPRENE VIBRATION ISOLATION.
- 2 INTERLOCK WITH LIGHT SWITCH.
- 3 PROVIDE WITH REVERSE ACTING THERMOSTAT AND UNIT MOUNTED SPEED CONTROLLER
- 4 FAN TO RUN CONTINUOUSLY

	DIFFU	SER &	REG	ISTE	R SCHED	ULE					
SUPPLY AIR RETURN/EXHAUST AIR											
ITEM	NECK SIZE	CFM RANGE	TYPE	ITEM	MODULE-NECK SIZE	CFM RANGE	TYPE				
1	8"ø	0 - 350	Ş1	1	12/24 - 10/22	0 - 500	R1				
2	10 " ø	0 - 450		2	24/24 - 22/22	0 - 1,000	•				
3	12 " ø	0 - 850									

DIFFUSER & REGISTER SPECIFICATIONS

SUPPLY AIR

TYPE S1: KRUEGER MODEL 1400 24"X24" STEEL 4—CONE LOUVERED FACE DIFFUSER, NON—ADJUSTABLE 4—WAY HORIZONTAL THROW, WHITE FINISH. FRAME 23 FOR LAY—IN CEILINGS. FRAME 21 FOR GYP. BOARD CEILINGS.

RETURN/EXHAUST AIR

TYPE R1: KRUEGER MODEL 6490 STEEL PERFORATED FACE RETURN WITH SQUARE NECK FOR DUCTED APPLICATIONS, FRAME 23 FOR LAY-IN CEILINGS, FRAME 20 FOR GYP. BOARD CEILINGS, WHITE FINISH. PROVIDE DUCT BOARD SOUND BOOT (HERCULES INDUSTRIES #SB OR EQUAL).

MOEN E 4640 PE DENVER	NGINEERING CONSULTANTS INC COS STREET, UNIT F R, CO 80211	CONSULTANT S ADOY ADOX ADOY ADOX ADOY ADOX ADOX	EAL: MOON CO HAND

REVISIONS

DESCRIPTION

DATE

Resignstudio-blue.com

CONSULTANT PROJECT NO.: 2025-037-01

	AIRFLC	W ZON	IE VALVE
ITEM	MANUFACTURER/ MODEL	LOCATION/ SERVICE	NOTES
$\langle \overline{ZV} \rangle$	JACKSON SYSTEMS/ ZD	SUPPLY AIR/ TEMP CONTROL	12345
	NOTES.		

- MODULATING DAMPER SIZE TO MATCH DUCT SIZE ON DRAWINGS
- PROVIDE WALL MOUNTED JACKSON SYSTEMS Z-2000-T TSTAT WITH PROPORTIONAL CONTROL AND CLEAR LOCKABLE COVER.

NOTES:

- 3 PROVIDE 40VA TRANSFORMER
- 4 UNIT TO PROVIDE AUTO-CHANGEOVER FROM HEATING TO COOLING
- 5 UNIT TO HAVE 90 SECOND TIMING FROM FULLY OPENED TO FULLY CLOSED

MECHANICAL SCHEDULES AND DETAILS 05/23/2025 ISSUE 2025.22 1/4" = 1'-0"



1. PLAN SHOWN FOR REFERENCE ONLY. E.C. SHALL FIELD VERIFY EXISTING CONDITIONS

THE REQUIREMENTS FOR PATIENT CARE AREAS CAN NOT BE OVERRIDDEN BY SCHEDULES OR ANY OTHER LABELING OF CIRCUITS OR CONDUCTORS.

517.13 EQUIPMENT GROUNDING FOR RECEPTACLES AND FIXED ELECTRIC EQUIPMENT IN PATIENT CARE SPACES:

WIRING SERVING PATIENT CARE SPACES SHALL COMPLY WITH 517.13(A) AND 517.13(B).

(2) METAL OUTLET BOXES, METAL DEVICE BOXES, OR METAL ENCLOSURES

HEALTHCARE FACILITY GENERAL NOTES (EXCERPTS FROM 2023 NEC)

EXCEPTION: LUMINARIES MORE THAN 2.3 M (7 1/ 2 FT) ABOVE THE FLOOR AND SWITCHES LOCATED OUTSIDE OF THE PATIENT CARE VICINITY SHALL BE PERMITTED TO BE CONNECTED TO AN EQUIPMENT GROUNDING RETURN PATH COMPLYING WITH THE REQUIREMENTS OF 517.13(A) OR (B).

(A) WIRING METHODS. ALL BRANCH CIRCUITS SERVING PATIENT CARE SPACES SHALL BE PROVIDED WITH AN EFFECTIVE GROUND FAULT CURRENT PATH BY INSTALLATION IN A METAL RACEWAY SYSTEM OR A CABLE HAVING A METALLIC ARMOR OR SHEATH ASSEMBLY. THE METAL RACEWAY SYSTEM, METALLIC CABLE ARMOR, OR SHEATH ASSEMBLY SHALL ITSELF QUALIFY AS AN EQUIPMENT GROUNDING CONDUCTOR IN ACCORDANCE WITH 250.118.

(B) INSULATED EQUIPMENT GROUNDING CONDUCTOR AND INSULATED EQUIPMENT BONDING JUMPERS.

(1) GENERAL. AN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR THAT IS CLEARLY IDENTIFIED ALONG ITS ENTIRE LENGTH BY GREEN INSULATION AND INSTALLED WITH THE BRANCH CIRCUIT CONDUCTORS WITHIN THE WIRING METHOD IN ACCORDANCE WITH 517.13(A) SHALL BE CONNECTED TO THE FOLLOWING: (1) GROUNDING TERMINALS OF ALL RECEPTACLES OTHER THAN ISOLATED GROUND RECEPTACLES

(3) ALL NON-CURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRICAL EQUIPMENT LIKELY TO BECOME ENERGIZED THAT ARE SUBJECT TO PERSONAL CONTACT, OPERATING AT OVER 100 VOLTS

EXCEPTION NO. 1: FOR OTHER THAN ISOLATED GROUND RECEPTACLES, AN INSULATED EQUIPMENT BONDING JUMPER THAT DIRECTLY CONNECTS TO THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE PERMITTED TO CONNECT THE BOX AND RECEPTACLE(S) TO THE EQUIPMENT GROUNDING CONDUCTOR. ISOLATED GROUND RECEPTACLES SHALL BE CONNECTED IN ACCORDANCE WITH 517.16.

EXCEPTION NO. 2: METAL FACEPLATES SHALL BE CONNECTED TO AN EFFECTIVE GROUND-FAULT CURRENT PATH BY MEANS OF A METAL MOUNTING SCREW(S) SECURING THE FACEPLATE TO A METAL YOKE OR STRAP OF A RECEPTACLE OR TO A METAL OUTLET BOX.

517.18 CATEGORY 2 SPACES.

(C) DESIGNATED CATEGORY 2 PEDIATRIC LOCATIONS. RECEPTACLES LOCATED WITHIN PATIENT ROOMS, BATHROOMS, PLAYROOMS, AND ACTIVITY ROOMS OF PEDIATRIC UNITS OR SPACES WITH A SIMILAR RISK AS DETERMINED BY BY THE HEALTH CARE FACILITY'S GOVERNING BODY BY CONDUCTING A RISK ASSESSMENT, OTHER THAN INFANT NURSERIES, SHALL BE LISTED AND IDENTIFIED AS "TAMPER RESISTANT" OR SHALL EMPLOY A LISTED TAMPER RESISTANT COVER.

517.80 PATIENT CARE SPACES. EQUIVALENT INSULATION AND ISOLATION TO THAT REQUIRED FOR THE ELECTRICAL DISTRIBUTION SYSTEMS IN PATIENT CARE AREAS SHALL BE PROVIDED FOR COMMUNICATIONS, SIGNALING SYSTEMS, DATA SYSTEM CIRCUITS, FIRE ALARM SYSTEMS, AND SYSTEMS LESS THAN 120 VOLTS, NOMINAL. FPN: AN ACCEPTABLE ALTERNATE MEANS OF PROVIDING ISOLATION FOR PATIENT/NURSE CALL SYSTEMS IS BY THE USE OF NON-ELECTRIFIED SIGNALING, COMMUNICATIONS, OR CONTROL DEVICES HELD BY THE PATIENT OR WITHIN REACH OF THE PATIENT.

517.61 WIRING AND EQUIPMENT.

(C) UNCLASSIFIED ANESTHETIZING LOCATIONS.

(2) RECEPTACLES AND ATTACHMENT PLUGS. RECEPTACLES AND ATTACHMENT PLUGS INSTALLED AND USED IN UNCLASSIFIED LOCATIONS SHALL BE LISTED "HOSPITAL GRADE" FOR SERVICES OF PRESCRIBED VOLTAGE, FREQUENCY, RATING, AND NUMBER OF CONDUCTORS WITH PROVISION FOR CONNECTION OF THE EQUIPMENT GROUNDING CONDUCTOR. THIS REQUIREMENT SHALL APPLY TO 2-POLE, 3-WIRE GROUNDING TYPE FOR SINGLE-PHASE, 120-, 208-, OR 240-VOLT, NOMINAL, AC SERVICE.

ELECTRICAL LEGEND

LOW VOLTAGE SYSTEMS POWER AND LIGHTING Ψ WALL MOUNTED DUPLEX RECEPTACLE TELEPHONE TERMINAL BOARD DATA OUTLET ₩ WALL MOUNTED QUADRUPLEX RECEPTACLE ▼ TELEPHONE OUTLET ₩ WALL MOUNTED DEDICATED DUPLEX RECEPTACL ■ WALL MOUNTED SPECIAL PURPOSE RECEPTACLE TELEPHONE/DATA OUTLET

FLOOR/CEILING MOUNTED RECEPTACLE O JUNCTION BOX ☑ WALL MOUNTED JUNCTION BOX ☐ DISCONNECT SWITCH

FUSED DISCONNECT SWITCH ELECTRICAL PANELBOARD T TRANSFORMER

RECESSED LIGHT FIXTURE SURFACE MOUNTED LIGHT FIXTURE \$ SINGLE POLE SWITCH \$3 #-POLE SWITCH

\$D DIMMER SWITCH \$0S WALL SWITCH OCCUPANCY SENSOR © CEILING MOUNTED SENSOR O-OCCUPANCY, D-DAYLIGHT

EMERGENCY LIGHT COMBO EXIT SIGN, EMERGENCY LIGHT **EXTERIOR EMERGENCY LIGHT** EMERGENCY LIGHT FIXTURE - SHADED

✓ MOTOR

AC ABOVE COUNTER - VERIFY HEIGHT AFF ABOVE FINISHED FLOOR AFI ARC FAULT INTERRUPTING ATS AUTOMATIC TRANSFER SWITCH CLG CEILING CM COFFEE MAKER

D DRYER DW DISHWASHER EC ELECTRICAL CONTRACTOR

EF EXHAUST FAN

WP WEATHER PROOF

SCOPE OF WORK SUMMARY:

FLOOR/CEILING MOUNTED TELEPHONE/DATA OUTLET

EXISTING TO TO BE REMOVED FOR RELOCATION AND REUSE

TO CATV/MONITOR A/V OUTLET

●s ●T S-SMOKE, T-HEAT DETECTOR

EQUIPMENT - SEE SCHEDULES

(400/4) FEEDER - SEE SCHEDULE TRANSFORMER - SEE SCHEDULE

DEMOLITION, TO BE REMOVED

EWC ELECTRIC WATER COOLER

GFI GROUND FAULT INTERRUPTING

IT INFORMATION TECHNOLOGY

MTS MANUAL TRANSFER SWITCH

TTB TELEPHONE TERMINAL BOARD

GD GARBAGE DISPOSAL

MW MICROWAVE

W WASHER

REF REFRIGERATOR

●S/CO COMBO SMOKE, CO DETECTOR

SPEAKER

FACP FIRE ALARM PANEL

REFERENCE SYMBOLS

≪ KEYED NOTE

REMODEL WORK

(N) NEW WORK

(E) EXISTING TO REMAIN

(RL) = RELOCATED LOCATION

TENANT IMPROVEMENT IN AN EXISTING COMMERCIAL BUILDING ALL OUTLETS, CONTROLS AND FACEPLATES TO BE BLACK

CODE COMPLIANCE STATEMENT:

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING CODES: 2023 National Electric Code (NEC) 2021 International Energy Conservation Code (IECC)

SHEET LOG

E000 | COVER SHEET

E001 | ELECTRICAL ONE LINE DIAGRAM AND SCHEDULES

✓ COMCheck Code Compliance Documents are in this E Sheet Set

E002 | ELECTRICAL COMCHECK E100 POWER PLAN AND LIGHTING PLAN

> REVISIONS DESCRIPTION

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EMAIL: info@designstudio-blue.com

CONSULTANT:

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CONSULTANT SEAL:

CONSULTANT PROJECT NO .:

DK25.071

COUNTY LINE RD., SU ENTENNIAL, CO 80112

GENERAL PROJECT NOTES

NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS

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 UL, ETL, CSA OR ANOTHER RECOGNIZED TESTING LAB. ALL PANELBOARD MANUFACTURER AND BREAKER TYPE. THE CONTRACTOR SHALL PROVIDE NEW ACCURATE AND DETAILED TYPE 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 CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THIS CONTRACT, SHALL BE RESPONSIBLE FOR LENGTHS AND INCREASE CONDUCTOR SIZES AS REQUIRED TO COMPENSATE FOR VOLTAGE DROP. WORKER'S IDENTIFICATION AND BADGING, SAFETY, AND LIABILITY INSURANCE. PROVIDE BARRICADES, WARNING SIGNS, AND 24. EACH SWITCH, LIGHT, RECEPTACLE AND ALL OTHER DEVICES SHALL BE PROVIDED AND INSTALLED WITH A GALVANIZED OR

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 LOCKNUTS AND BUSHINGS AND ALL UNUSED KNOCKOUTS MUST BE LEFT SEALED. THERE MUST BE SUFFICIENT ROOM FOR WIRES 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

AND CUT SHEETS SHALL BE PROVIDED TO A PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL. THE APPROVED DRAWINGS WILL BE STAMPED, SIGNED AND RETURNED TO EC TO SUBMIT TO THE BUILDING DEPARTMENT. 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 27 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

28. THE EC SHALL INCLUDE IN HIS COST THE REMOVAL OF ALL EXISTING ELECTRICAL DEVICES, CONDUITS, FIXTURES AND EQUIPMENT PERIOD OF CONSTRUCTION AND SHALL REMOVE ALL TEMPORARY WIRING AT THE COMPLETION OF CONSTRUCTION.

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

. ALL CUTTING, DRILLING AND PATCHING OF MASONRY, STEEL OR IRON WORK BELONGING TO THE BUILDING MUST BE DONE BY

31. WHERE CONDUIT, CABLES, DUCTWORK OR PIPING PASSES THROUGH FIRE RATED FLOORS, WALLS, OR PARTITIONS, THE SLEEVES PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS. 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.

2. 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.

BE IN STRICT COMPLIANCE WITH THE BUILDING STANDARDS. 14. 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. 14.b. TYPE MC AND AC CABLE MAY BE USED WHERE PERMITTED BY THE NEC (ARTICLE 330) 5. ALL TELE/ DATA BOXES SHALL BE PROVIDED WITH A 1/2" CONDUIT AND BUSHING WITH PULL STRING RUN 6" ABOVE FINISHED 34. THIS CONTRACTOR SHALL ASSUME ALL ADDED EXPENSES TO ALL TRADES ASSOCIATED WITH THE INSTALLATION OF SUBMITTED CEILING OR CEILING GRID. ELECTRICAL METALLIC TUBING (EMT) SHALL BE USED FOR ALL WALL OUTLETS & TELEPHONE WIRING AND APPROVED ALTERNATE EQUIPMENT.

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 ALARM AND FIRE PROTECTION DESIGN-BUILD CONTRACTORS PRIOR TO ANY WORK. DEDICATED GROUND AND NEUTRAL. 17. PROVIDE TAMPER-RESISTANT RECEPTACLES AS REQUIRED PER NEC 406.12.

18. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE INDICATED. CONDUITS LARGER THAN 2" DIAMETER OR CONDUITS OF 37. LOCATE ALL ELECTRICAL SWITCHBOARDS, PANELBOARDS AND ELECTRICAL DISTRIBUTION EQUIPMENT IN DEDICATED SPACES AND ANY SIZE ROUTED OUTDOORS SHALL BE INTERMEDIATE METAL CONDUIT (IMC). PROTECTION FROM ANY FOREIGN SYSTEM INSTALLED ABOVE THE DEDICATED EQUIPMENT SPACE PER NEC 110.26(E). .9. FLEXIBLE CONDUIT CONNECTIONS TO RECESSED LIGHTING FIXTURES SHALL BE MADE WITH FLEXIBLE STEEL CONDUIT, 3/8 INCH

20. FINAL CONNECTIONS TO MOTORS SHALL BE MADE WITH LIQUID TIGHT FLEXIBLE STEEL CONDUIT, 1/2 INCH MINIMUM.

21. 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. 22. ALL NEW CIRCUIT BREAKERS FOR NEW OR EXISTING PANELBOARDS SHALL MATCH EXISTING OR NEW BUILDING STANDARD

WRITTEN PANEL DIRECTORIES PER NEC 408.4 FOR ALL NEW OR MODIFIED PANELS. NUMBERED CIRCUITS ARE FOR CONVENIENCE OF DESIGN ONLY. EC TO FIELD VERIFY ACTUAL CIRCUIT NUMBERS USED AND CORRECTLY INDICATE ON "AS-BUILT" DRAWINGS. THE EC SHALL REMOVE ALL ABANDONED CIRCUITS.

FEES, TAXES AND LICENSES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE ELECTRICAL WORK. THIS 23. PROVIDE MINIMUM #10 FOR BRANCH CIRCUITS OVER 75' AT 120V AND OVER 150' AT 277V. EC TO FIELD VERIFY BRANCH CIRCUIT

SHERARDIZED PRESSED STEEL JUNCTION BOX OF NOT LESS THAN NO. 14 US GAUGE STEEL. CONDUITS SHALL BE FASTENED WITH 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. EQUIPMENT AND LOCATIONS OF THE DEVICES THAT COMPRISE THE BUILDING FIRE ALARM LIFE SAFETY SYSTEM. THE DRAWINGS 24.a. EXCEPTION: TYPE III, IV OR V CONSTRUCTION - WHERE PERMITTED PER NEC ARTICLE 334 NONMETALLIC BOXES MAY BE

25. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SPECIAL OUTLET BOXES THAT MAY BE REQUIRED TO ENCLOSE RECEPTACLES. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, VISIT THE SITE, AND THOROUGHLY BECOME FAMILIAR 26. 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. . PROVIDE LOCAL DISCONNECT SWITCHES FOR ALL MOTORS (PLENUM APPROVED WHERE REQUIRED).

THAT IS NOT TO BE REUSED. DISCARD ALL EQUIPMENT AS REQUIRED. EC SHALL BE RESPONSIBLE FOR DISCONNECTING PRIMARY SERVICE AND TEMPORARY POWER.

FUNCTION. SHOULD IT BECOME NECESSARY TO SHUT-DOWN ANY SYSTEM OR PORTION OF A SYSTEM, APPROVAL IN WRITING MUST WORKMANSHIP, EQUIPMENT AND MATERIALS WITHOUT ADDITIONAL CHARGES. 30. 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. SHALL BE COMPLETELY SEALED WITH A FIRE STOP MATERIAL THAT IS UL 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. 13. ALL WORK REQUIRED FOR THE INSTALLATION AS SHOWN ON DRAWINGS INCLUDING LABOR, EQUIPMENT AND MATERIALS SHALL 32. SUBMIT AN ELECTRONIC COPY 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. 33. 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

35. THE CONTRACTOR SHALL COORDINATE THE LAYOUT OF THE FIRE ROOM WITH ALL OTHER DISCIPLINES, ESPECIALLY THE FIRE

36. 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. PROTECTED FROM DAMAGE WITH ADEQUATE WORKING CLEARANCE ACCORDANCE WITH NEC 110 REQUIREMENTS. PROVIDE

38. SERVICE EQUIPMENT SHALL BE MARKED TO IDENTIFY IT AS BEING SUITABLE FOR USE AS SERVICE EQUIPMENT PER NEC 230.66. 39. 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 110.26(C)(3).

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

SHEET NAME: COVER **SHEET** 05/23/2025 2025.22 As indicated

LUMII	NAIRE SCHEDULE				May 22, 2025	
Label	Light Fixture Description	Specification	Lamping	Voltage	Mounting	Comment
Interior L	ighting					
Α	2'x4' Recessed Architectural EdgeLit Troffer	Cooper Metalux or Equal	43W LED	120/277	Recessed	1
	Wavestream technology - LED in stock 5400 lumen 0-10V	24EN-LD2-54-UNV-L940-CD1-U	4000K/90CRI			
С	Chandelier	Selected By Owner	50W LED Max	120	Surface/Suspended	1 or 2
D	6" Dimmable LED Downlight	Cooper Halo or Equal	13W LED	120/277	Recessed	1
	900 Lumen LED, White Trim, Haze Reflector	H750T with ML5609935 and 692H	3500K/90CRI			
S	4' Lensed LED strip light In Stock	Cooper Metalux or Equal	41W LED	120/277	Surface	
	4100lumen wide distribution 0-10v dimming driver	4SNLED-LD5-41SL-LW-UNV-L835-CD1-U	4000K/82CRI			
TP	Specification Grade Coated Tape Light 335lumen	LEDi or Equal	4.2W LED P/FT	24V	Surface	1,5
	provide all components to make complete system	V4-NSKN-4K-SB-BLK	4000K/94CRI			
V	2' Vanity Light	Visual Comfort	20W LED	120	Surface	
		700BCMLN 2424" W NB LED930	3000K/90CRI			
Emergen	cy Exit Signs and Egress Lighting					
Χ	LED Exit Sign	Cooper Surelites, Match Building Standard	1.33W Max. LED	120/277	Surface	
	with 90-Minute Battery Pack	APX7RG	color per local code			
XEM	Combination Exit Sign/Emergency Egress Light	Cooper Surelites, Match Building Standard	1.33W Max. LED	120/277	Surface	
	with 90-Minute Battery Pack and dual heads	APC7RG	color per local code			
EM	Emergency Dual Head LED Frog Eye	Cooper Surelites, Match Building Standard	.33W LED	120/277	Surface	
	with 90 minute Battery	APEL				
XR	Exterior Emergency Egress Light	Cooper Surelites, Match Building Standard	(3) 6V, 6W Xenon	120/277	Surface	3,4
	with 90-Minute Battery Pack	AEL2SD	Included			

1. EMERGENCY FIXTURES - All Fixtures Indicated as Emergency shall be provided with a 90-Minute Battery Pack with minimum 1300 Lumen output. 2. VERIFY VOLTAGES - The E.C. shall verify voltages on drawings prior to ordering or any work, the engineer shall be notified of any discrepancies

in the voltage of the circuiting on the drawings and the luminaire schedule prior to any purchase or work.

3. VERIFY LAMPING - The E.C. shall verify lamping with the manufacturer prior to ordering and notify the engineer of any lamping discrepancies.

4. PROVIDE A COMPLETE INSTALLATION - The E.C. shall provide all labor and material to provide a complete and functional system per the design intent as dictated by the switching type and location (including dimmer switches and compatible ballasts or transformers), ceiling type and location, circuiting, voltages, and lamping types.

5. LED LIGHTING - All light fixtures shall be LED. Non-LED fixtures shall be provided with an LED equivalent lamp, unlesss otherwise noted. 6. OWNER APPROVAL - Approve all light fixture types with tenant/owner before ordering any materials or any work.

7. 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. 8. 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. OMMENTS: 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. PHASE Dimming - Provide compatible Phase Control Dimmer. Verify requirements with provider and provide all work required for a complete installation. 3. WET LOCATION - Provide fixture with U.L. Wet Location Label.

4. COLD WEATHER - Provide fixture with Cold-Weather Driver/Ballasts/Battery for fixtures installed outdoors.

5. TAPE LIGHTING - Field verify length of run. Provide all components required for a complete system and installation.

MAIN MOU		Surface	Amperes 3Ø or M.L.O: Panelboard	, 4-WIRE 100A			VOLTAGE L-L: VOLTAGE L-G: S.C.RMS RATING (AIC):	480 277 14,000				
NO.	AMPS	POLE	LOAD (VA)	NEC Demand	LOAD DESCRIPTION	Phase	LOAD DESCRIPTION	NEC Demand	LOAD (VA)	POLE	AMPS	N
1	30	3	6648	1.00	RTU-1	Α	Lighting	1.25	1065	1	20	2
3	30	3	6648	1.00	RTU-1	В	Bussed Space					4
5	30	3	6648	1.00	RTU-1	С	Bussed Space					(
<u>5</u> 7	50	3	8380	1.00	30KVA XFMR Panel B	Α	Bussed Space					<u>(</u>
9	50	3	7179	1.00	30KVA XFMR Panel B	В	Bussed Space					1
<u>11</u> 13	50	3	7085	1.00	30KVA XFMR Panel B	C	Bussed Space					<u>1</u> 1
L3					Bussed Space	Α	Bussed Space					1
15					Bussed Space	В	Bussed Space					1
<u> 17</u>					Bussed Space	С	Bussed Space					1
	CONNEC	CTED LOA	۸D:			CALC	CULATED DEMAND LOAD:					
	PHAS	E A (VA):	16,093				PHASE A (VA):	16,359				
		EB(VA):					PHASE B (VA):					
		E C (VA):					PHASE C (VA):	13,733				
		ΔD (\/Δ).	43,653		CA	I CUI A	TED DEMAND LOAD (VA):	43.919	52.83	Α		

MAII MOL	INTING:	100A/3 Surface	Amperes 3Ø, P or M.L.O: Panelboard	4-WIRE			VOLTAGE L-L: VOLTAGE L-G: S.C.RMS RATING (AIC):	208 120 10,000				
NO.	AMPS	POLE	LOAD (VA)	NEC Demand	LOAD DESCRIPTION	Phase	LOAD DESCRIPTION	NEC Demand	LOAD (VA)	POLE	AMPS	N
1	20	1	360	1.00	Show Window Recept	Α	Sign North	1.00	1200	1	20	2
3	20	1	370	1.00	EWC	В	Sign West	1.00	1200	1	20	4
<u>5</u> 7	20	1	720	1.00	Recept	C	Track Lts	1.25	804	1	20	(
7	20	1	540	1.00	Recept	Α	Office Rec	1.00	720	1	20	6
9	20	1	540	1.00	Waiting Rm Recepts	В	Office Rec	1.00	540	1	20	1
<u>11</u> 13	20	1	1000	1.00	Copier	C	Recept/Office	1.00	360	1	20	1
13	20	1	360	1.00	Exhaust Fan/Lt/Recept	Α	Panel B1	1.00	5200	3	100	1
15	20	1	540	1.00	Reception Recepts	В	Panel B1	1.00	3989	3	100	1
<u>17</u>	20	1	180	1.00	RTU GFI Rec	С	Panel B1	1.00	3820	3	100	1
	CONNE	CTED LOA	۸D:			CAL	CULATED DEMAND LOAD:					
	PHAS	E A (VA):	8,380				PHASE A (VA):	8,380				
	PHAS	EB(VA):	7,179				PHASE B (VA):	7,179				
	PHAS	E C (VA):	6,884				PHASE C (VA):	7,085				
T	OTAL LO	AD (VA):	22,443		CA	LCULA	TED DEMAND LOAD (VA):	22,644	62.86	Α		

NO. AM 1 2 3 2 5 2	C.B.: TING: ENTS: MPS 20 20	100 Surface New Par POLE 1	Amperes 3Ø or M.L.O: nelboard	, 4-WIRE 100A NEC Demand			VOLTAGE L-L: VOLTAGE L-G: S.C.RMS RATING (AIC):	208 120 10,000				
MOUNT COMME NO. AN 1 2 3 2	TING: ENTS: MPS 20 20	New Par	nelboard									
NO. AM 1 2 3 2	ENTS: MPS 20 20	New Par		NFC Demand			S.C.RMS RATING (AIC):	10 000				
NO. AM 1 2 3 2	MPS 20 20	POLE		NFC Demand				±0,000				
1 2 3 2	20 20		LOAD (VA)	NFC Demand								
3 2	20	1		1120 Bernana	LOAD DESCRIPTION	Phase	LOAD DESCRIPTION	NEC Demand	LOAD (VA)	POLE	AMPS	NO.
3 2 5 2 7 2			540	1.00	Patient Recepts	Α	TTB	1.00	360	1	20	2
<u>5</u> 2		1	360	1.00	Patient Recepts	В	IT	1.00	360	1	20	4
7 2	20	1	540	1.00	Patient Recepts	C	Electrical Room Recs	1.00	250	1	20	6
	20	1	720	1.00	Lab Recepts	Α	Office Recepts	1.00	720	1	20	<u>6</u> 8
	20	1	750	1.00	Lab UC Refrigerator	В	Spare			1	20	10
11 2 13 2	20	1	1000	1.00	Lab Office Equipment	C	Spare			1	20	<u>12</u> 14
13 2	20	1	1000	1.00	Lab Centrifuge	Α	Spare			1	20	14
15 2	20	1	750	1.00	Lab UC Refrigerator	В	Biohack Recepts	1.00	360	1	20	16
	20	1	178	1.25	Lighting	C	Break Room Ref	1.00	750	1	20	<u>18</u> 20
	20	1	1500	1.00	WH-1	Α	Break Room Recepts	1.00	360	1	20	20
	20	1	209	1.00	GFI Recept, EF-1	В	Break Room MW	1.00	1200	1	20	22
23 25	20	1	86	1.00	EF-1,CP-1,EF-1	C	Break Room Disposal	1.00	972	1	20	<u>24</u>
					Bussed Space	Α	Spare			1	20	26
27					Bussed Space	В	Spare			1	20	28
<u>29</u> 31					Bussed Space	C	Spare			1	20	<u>30</u> 32
					Bussed Space	Α	Bussed Space			1	20	
33					Bussed Space	В	Bussed Space			1	20	34
<u>35</u> 37					Bussed Space	C	Bussed Space			1	20	<u>36</u> 38
					Bussed Space	Α	Bussed Space			1	20	38
39					Bussed Space	В	Bussed Space			1	20	40
<u>41</u>					Bussed Space	C	Bussed Space			1	20	<u>42</u>
СО	NNEC	TED LOA	D:			CALO	CULATED DEMAND LOAD:					
F	PHASE	A (VA):	5.200				PHASE A (VA):	5.200				
		B (VA):					PHASE B (VA):					
		C (VA):					PHASE C (VA):					
_		AD (VA):			CAI	CHIA	TED DEMAND LOAD (VA):		36.11	Δ		
1017	, LL LU/	(VA).	12,000		UAI	LOULA	TED DEIVININD LOND (VA).	10,000	30.11	А		

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

Key	Equipment	Equipm	ent Load	Volt	Ø	Branch Circuit	Conduit	Disconnect		Panel-Circuit	Comment
,			HP Amps			Conductors		Switch	Fuse		
EXHAUS	T FANS	<u>'</u>	,	'			*				
EF-1	Exhaust Fan Bathroom Exhaust	0.029	0.2 A	120	1	2#12,#12G	3/4"	Sto	NA	B1 - 23 (PART)	1
EF-2	Exhaust Fan Service Sink	0.029	0.2 A	120	1	2#12,#12G	3/4"	Sto	NA	B1 - 21 (PART)	
TF-1	Exhaust Fan Computer Rm Exhaust	0.0695	0.6 A	120	1	2#12,#12G	3/4"	Sto	NA	B1 - 6 (PART)	2
WATER I	HEATERS										
WH-1	Water Heater	1.5	12.5 A	120	1	2#10,#10G	3/4"	30A/1P or Sto		B1 - 19	
PUMPS											
CP-1	Circulation Pump	0.028	0.2 A	120	1	2#12,#12G	3/4"	Sto	NA	B1 - 23 (PART)	
AIRFLOV	V ZONE VALVE										
ZV-1	Airflow Zone Valve		20A CKT	120	1	2#12,#12G	3/4"	Sto		SEE COMMENTS	3
Notes:	. Field verify final location nameplate data before	n and confirr ordering any	n electrical require materials and pro	vide all w	ork ned	essary for a compl	ete and cod	de compliant insta	ıllation.		
3.	 Provide line voltage con and field verify final loca Provide HACR breakers Verify integral thermal/o NEC 430 Part III. 	ation of cont for all dedic	rols with owner. Co	ntrols sha g equipm	all be in ent and	stalled in an accest provide local disc	ssible locati connecting r	on. neans in accorda	nce with	NEC 430 Part IX.	
3. 4. 5. Comme	and field verify final loca Provide HACR breakers Verify integral thermal/o NEC 430 Part III. Electric motors shall me ents:	ation of cont for all dedic overload pro eet minimum	rols with owner. Co ated circuits servin tection for fractional efficiency requirer	ntrols sha g equipm al horsepo ments in a	all be in ent and ower m accorda	stalled in an acces I provide local disc otors. Provide sepa	ssible locati connecting r arate overlo	on. means in accordal and device where i	nce with	NEC 430 Part IX.	
3 4 5 Comme 1	and field verify final loca Provide HACR breakers Verify integral thermal/on NEC 430 Part III. Electric motors shall me	ation of cont for all dedic overload pro eet minimum rall switch fo	rols with owner. Co ated circuits servin tection for fractional efficiency requirer r fan to operate wit	ntrols sha g equipm al horsepo ments in a	all be in ent and ower m accorda	stalled in an acces I provide local disc otors. Provide sepa ance with IECC Tab	essible location connecting rarate overlo	on. means in accordal and device where i	nce with	NEC 430 Part IX.	

		TION TABLE				ividy 2	20, 2025		
200	Id/A HHiliby Two		VOLTAGE 480			AVAI	LABLE FA	AULT CUF	,
300	kVA Utility Tra	nsiormer	480						22,500
LOCATION (n)	# of RUNS	CONDUCTOR	VOLTAGE	L(ft)	<u>C</u>	Total C	_f_	M	<u>_F</u>
800A Wireway	3	300	480	170	20,868	62,604	0.22	0.82	18,439
400A Main Disconnect	2	3/0	480	5	13,923	27,846	0.01	0.99	18,222
Service B Bussed Gutter	r 2	3/0	480	15	13,923	27,846	0.04	0.97	17,599
Panel A	1	1	480	35	7,293	7,293	0.30	0.77	13,492
Panel B				Seconda	ry of a 30kV	A Transform	ner with %	Z=5.1%	1,634
Panel B1	1	1	208	5	7,293	7,293	0.01	0.99	1,619
NOTES: 1. All Calculations use Bus	ssman "Point-To L=Feeder Len	gth (LF)	C=Conducto				M(n) =1		,
2. Variables:	f(m) = (4 70 ···		. £	\ : A					
	f(n) = (1.73 x)		of runs x Volta	ige) in Am	iperes		F(n)=F(n	-1) X M(n)
3. The E.C. shall report an	y discrepancies	to the Engineer.				tor longtho	F(n)=F(n	-1) X M(n)
The E.C. shall report an Conductor lengths shall and contact engineer in	y discrepancies I not be less tha nmediately if co	to the Engineer. In the values liste Inductor lengths a	d. The E.C. sh ire less than t	all field ve he values	erify conduc				
 The E.C. shall report an Conductor lengths shall and contact engineer in Conductor Lengths liste 	y discrepancies I not be less tha nmediately if co ed in this table a	to the Engineer. In the values liste Inductor lengths a Ine for fault study	d. The E.C. sh ire less than t purposes onl	all field ve he values y and sha	erify conduc s shown. Il not be use	d for biddin	g or othe	r calculat	ions.
 The E.C. shall report an Conductor lengths shall and contact engineer in Conductor Lengths liste 	y discrepancies I not be less tha nmediately if co ed in this table a	to the Engineer. In the values liste Inductor lengths a Ine for fault study	d. The E.C. sh ire less than t purposes onl	all field ve he values y and sha	erify conduc s shown. Il not be use	d for biddin	g or othe	r calculat	ions.
 The E.C. shall report an Conductor lengths shall and contact engineer in Conductor Lengths liste All in-line Utility Meters 	y discrepancies I not be less than Inmediately if co ed in this table a shall be protect	to the Engineer. In the values liste Inductor lengths a In fault study Ited to limit the Fau	d. The E.C. sh ire less than t purposes onl ult Current to	all field ve he values y and sha no more t	erify conducts shown. Il not be use than 10kA a	ed for biddin t the Meter	g or othe	r calculat	ions.

B. Provide Arc-Flash Hazard study and labeling for personnel and protective equipment prior to energizing equipment per

NEC 110.16 and NFPA 70E.

PRIMARY OCP	MER SCHE	GROUND	SECONDARY OCP
480V, 3Ø	KVA	CU	208V, 3Ø
30A	15	#8	50A
50A	30	#6	100A
70A	45	#6	150A
125A	75	#2	250A
175A	112.5	1/0	350A
225A	150	2/0	500A
350A	225	3/0	750A
500A	300	3/0	1000A
800A	500	3/0	1600A
All transformers 45l at the Transformer 5 Grounding Electrode accordance with 25 NEC Table 250.66 The installation sha Provide Equipment Grounded System a NEC 250.30(A). Pro	Vire and Secondary s KVA and smaller and Secondary in accorda e connection to Struc 0.104(D) and sized in Il meet all NEC 250 g Ground on Primary Fe t the Transformer Se- vide Grounding Electi in accordance with 2	Seperately Derived G ince with NEC 250.3 tural Metal or Metal n accordance with wi rounding and bondir eeder and Seperately condary in accordance rode connection to S	Grounded System O(A). Provide Water Pipe in th og requirements. Derived ce with tructural Metal
with NEC Table 250		250.104(D) and size	u in accordance
	meet minimum efficie	ency requirements fo	r
	accordance with IEC	C C405.7	

FEEDER SC	HEDULE	E - ALUN	IINUM		
AMPACITY (#)	FEEDER			CONDUIT (W))
-not all sizes used	# Sets	3Ø & N	G	4W	3W
20 (60°)	1	#10	#10	3/4"	3/4"
20 (75°)	1	#12	#10	3/4"	3/4"
30 (60°)	1	#8	#8	3/4"	3/4"
30 (75°)	1	#10	#8	3/4"	3/4"
40 (60°)	1	#6	#8	1"	1"
,					
40 (75°)	1	#8	#8	1"	1"
50 (60°)	1	#4	#8	1-1/4"	1-1/4"
50 (75°)	1	#6	#8	1"	1"
60 (60°)	1	#3	#8	1-1/4"	1-1/4"
60 (75°)	1	#4	#8	1-1/4"	1-1/4"
70 (60°)	1	#2	#6	1-1/4"	1-1/4"
70 (75°)	1	#3	#6	1-1/4"	1-1/4"
80 (60°)	1	#1	#6	1-1/2"	1-1/2"
80 (00°) 80 (75°)	1	#2	#6	1-1/4"	1-1/2
90 (60°)	1	1/0	#6	2"	2"
90 (75°)	1	#2	#6	1-1/4"	1-1/4"
100 (60°)	1	1/0	#6	2"	2"
100 (75°)	1	#1	#6	1-1/2"	1-1/2"
110	1	1/0	#4	2"	2"
125	1	2/0	#4	2"	2"
150	1	3/0	#4	2"	2"
175	1	4/0	#4	2"	2"
200	1	·	#4		
	_	250		2-1/2"	2-1/2"
225	1	300	#2	3"	3"
250	1	350	#2	3"	3"
300	1	500	#2	3-1/2"	3-1/2"
350	2	4/0	#1	2-1/2"	2-1/2"
400	2	250	#1	3"	3"
500	2	350	1/0	3"	3"
600	2	500	2/0	3-1/2"	3-1/2"
750	3	350	3/0	3"	3"
			· · · · · · · · · · · · · · · · · · ·		
800	3	400	3/0	3"	3"
1000	4	350	4/0	3"	3"
1200	4	500	250	3-1/2"	3-1/2"
1600	8	250	350	3"	3"
2000	7	500	400	3-1/2"	3-1/2"
2500	8	500	600	3-1/2"	3-1/2"
3000	10	500	600	3"	3"
3500	11	600	500 Cu	3-1/2"	3-1/2"
4000	11	750	500 Cu	3-1/2"	3-1/2"
				,	3-1/2
This table indicates r					
indicated where #/W					
#S/W indicates no gr					
Conductor Ampacitie	s shall be base	ed on Table 3	10.16 60° col	umn up to 10	OA
and 75° column abo	ve 100A unles	ss otherwise p	ermited by NE	C. Ampacity	
rating shall be select			-	. ,	
The master electricia				n feeders or h	ranch
			_		
circuits are installed		r sizea in such			
Service Ground T	able		Equipment	: Ground Ta	ble
150G	#4		20EG		#10
200G	#2		60EG		#8
300G	1/0		100EG		#8
500G	3/0		200-1200A p	er Δhove	
				DEI ADOVE	250
1000G	4/0		1600EG		350
>1000G	250		2000EG		400

Service Ground Conductor sized Per NEC Table 250.66 Equipment Ground Conductors

Where discrepancies occur between the Feeder Schedule and the Grounding Tables,

The installation shall meet all NEC 250 grounding and bonding requirements including 250.4 Path for Fault Current. Provide complete raceway systems metallically joined,

the larger conductor shall be used unless otherwise permitted by the NEC.

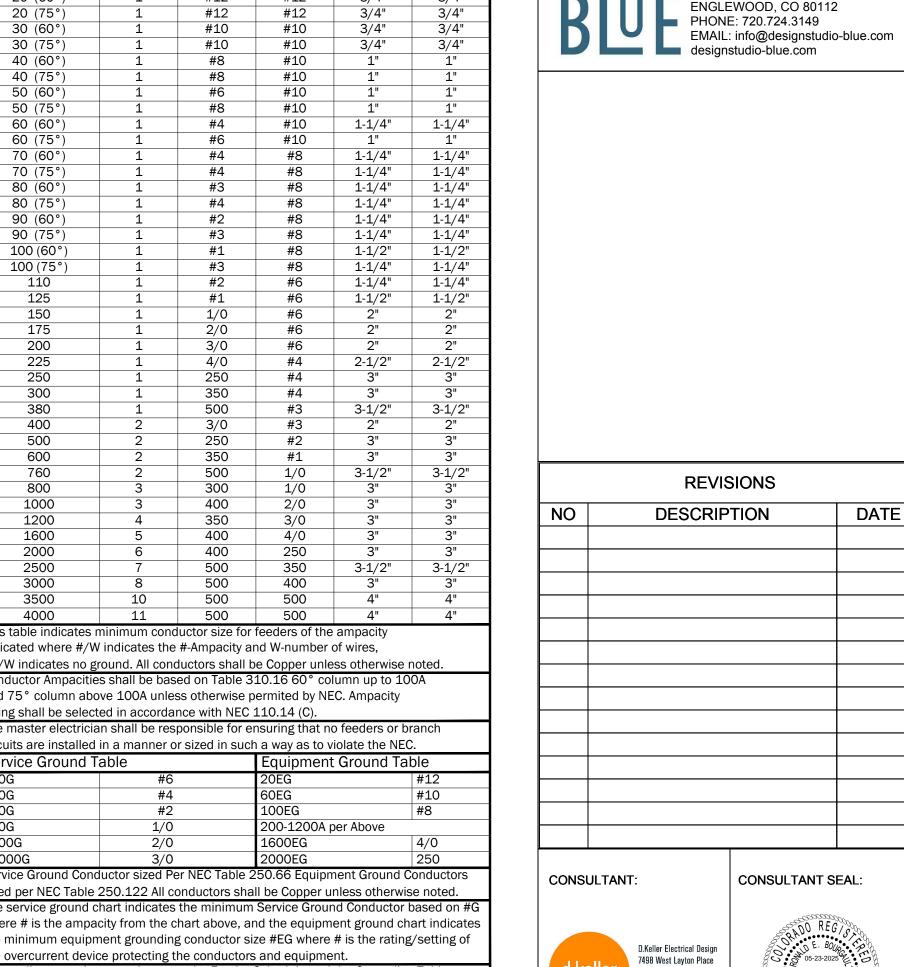
connected, and fittings as required for electrical continuity per NEC 300.10.

the overcurrent device protecting the conductors and equipment.

sized per NEC Table 250.122 All conductors shall be Aluminum unless otherwise noted. The service ground chart indicates the minimum Service Ground Conductor based on #G where # is the ampacity from the chart above, and the equipment ground chart indicates the minimum equipment grounding conductor size #EG where # is the rating/setting of

250	1	250	#4	3"	3"
300	1	350	#4	3"	3"
380	1	500	#3	3-1/2"	3-1/2"
400	2	3/0	#3	2"	2"
500	2	250	#2	3"	3"
600	2	350	#1	3"	3"
760	2	500	1/0	3-1/2"	3-1/2"
800	3	300	1/0	3"	3"
1000	3	400	2/0	3"	3"
1200	4	350	3/0	3"	3"
1600	5	400	4/0	3"	3"
2000	6	400	250	3"	3"
2500	7	500	350	3-1/2"	3-1/2"
3000	8	500	400	3"	3"
3500	10	500	500	4"	4"
4000	11	500	500	4"	4"
Conductor Ampacities and 75° column aborating shall be sales	ove 100A unles	ss otherwise p	ermited by NE	•	OA
and 75° column aborating shall be selec The master electricia	ove 100A unles ted in accordar an shall be res	ss otherwise p nce with NEC : ponsible for er	ermited by NE 110.14 (C). nsuring that no	C. Ampacity ofeeders or bi	ranch
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FEEDER SCHEDULE - COPPER



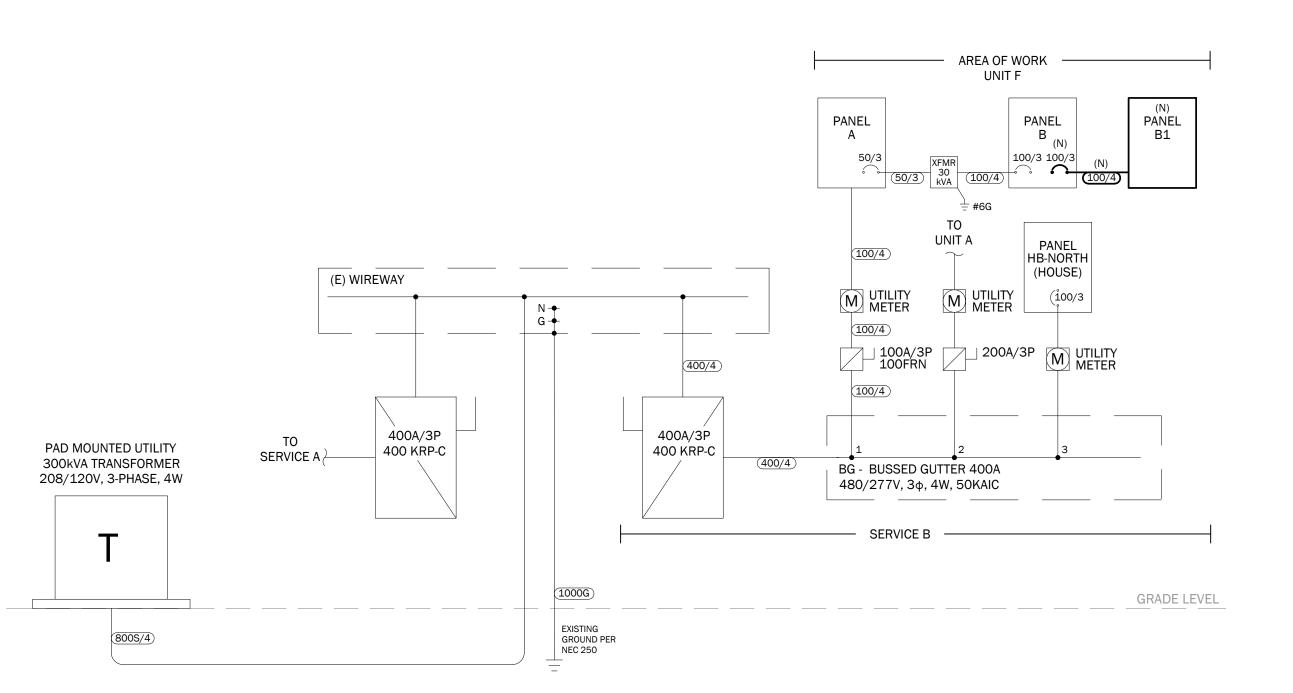
CONSULTANT PROJECT NO.:

Littleton, Colorado 80123 303.918.9475

88 INVERNESS CIRCLE E, SUITE J101 ENGLEWOOD, CO 80112

DATE

DK25.071





ONE LINE DIAGRAM GENERAL NOTES:

1. E.C. TO FIELD VERIFY EXISTING CONDITIONS 2. ALL EQUIPMENT IS NEW UNLESS NOTED AS EXISTING (E).

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 DATE PER NEC 110.24(A).

4.c. IF A SERIES-RATED COMBINATION SYSTEM IS UTILIZED, PROVIDE A PERMANENT LABEL ON THE EQUIPMENT ENCLOSURE INDICATING THE REQUIRED INFORMATION IN ACCORDANCE WITH NEC 110.22(B) AND 110.22(C). THE LABEL SHALL READ AS FOLLOWS:

CAUTION -- SERIES COMBINATION SYSTEM RATED _____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED. SERIES COMBINATION INCLUDES: MAIN DEVICE -- TYPE: _____, RATING: _____A. BRANCH DEVICE -- TYPE: _____, RATING:____A.

THIS LABEL SHALL BE AFFIXED IN A VISIBLE LOCATION ON THE EQUIPMENT ENCLOSURE AND BE SUITABLE FOR THE ENVIRONMENT IN WHICH IT IS INSTALLED.

SHEET NAME: **ELECTRICAL ONE LINE** DIAGRAM AND SCHEDULES

ISSUE DATE: 05/23/2025 PERMIT DESIGNED: PROJECT NO: 2025.22 QAQC: SHEET NO: As indicated

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.

Additional Comments/Assumptions:

	1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tie	r 3)		
Project Title:	Victory Men's Health			Report date	: 05/08/	/25
Data filename:				Page	2 of	5

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
	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	Requirement will be met.
	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.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
	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.

Report date: 05/08/25

Page 3 of 5

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).	□Complies □Does Not □Not Observable □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	Exception: Requirement does not apply.
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.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: Victory Men's Health Report date: 05/08/25 Data filename: Page 4 of 5

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5. 2 [FI17] 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.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: Victory Men's Health Report date: 05/08/25 Data filename: Page 5 of 5



B INVERNESS CIRCLE E, SUITE J101 ENGLEWOOD, CO 80112 PHONE: 720.724.3149 EMAIL: info@designstudio-blue.com designstudio-blue.com

REVISIONS

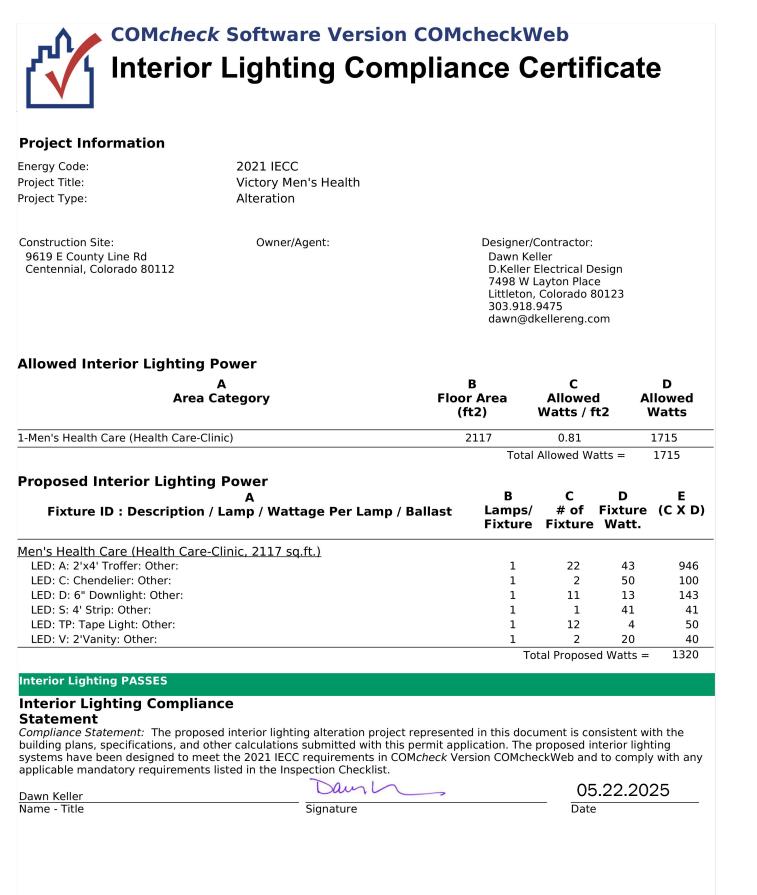
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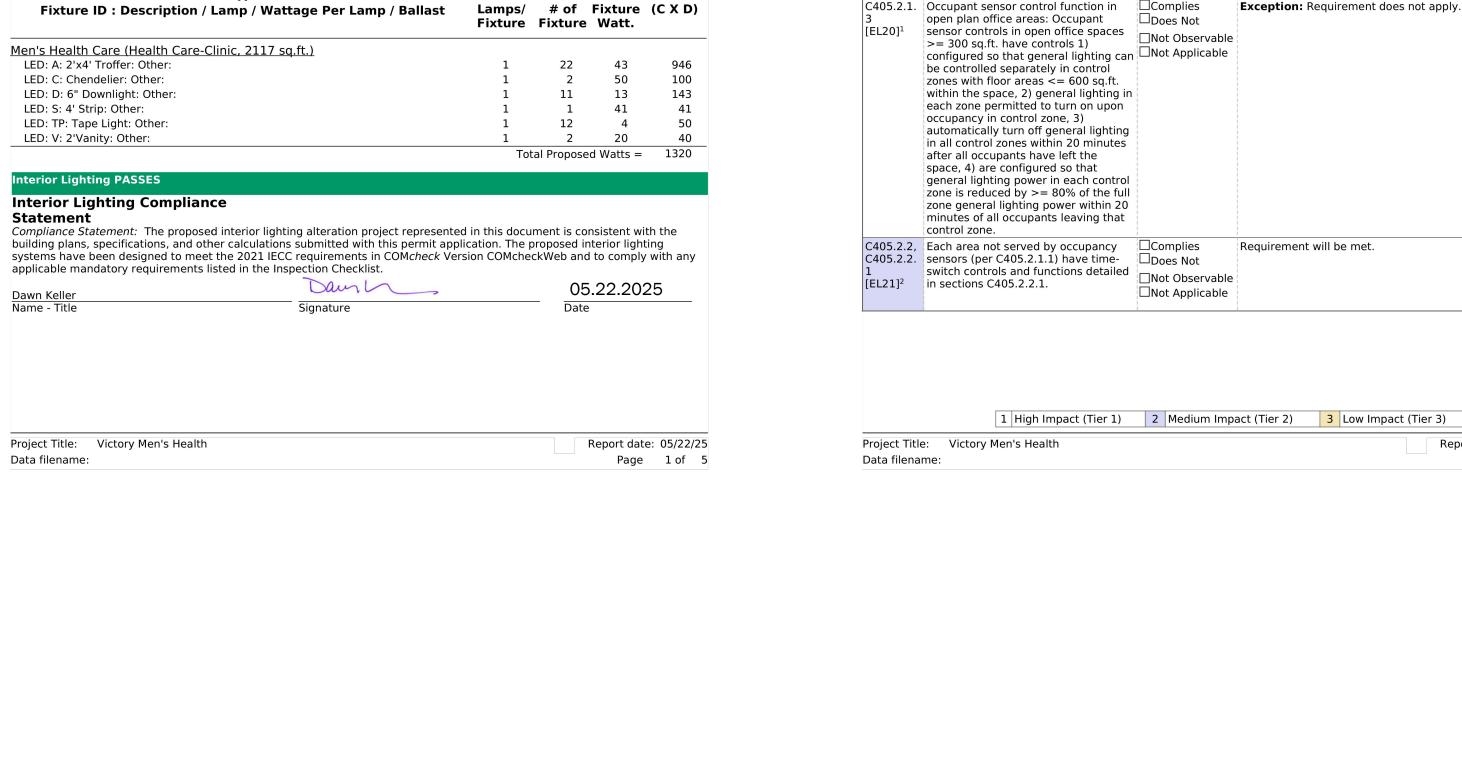
CONSULTANT PROJECT NO.: DK25.071

E. COUNTY LINE RD., SUITE CENTENNIAL, CO 80112

SHEET NAME: **ELECTRICAL** COMCHECK 05/23/2025 PERMIT 2025.22 As indicated

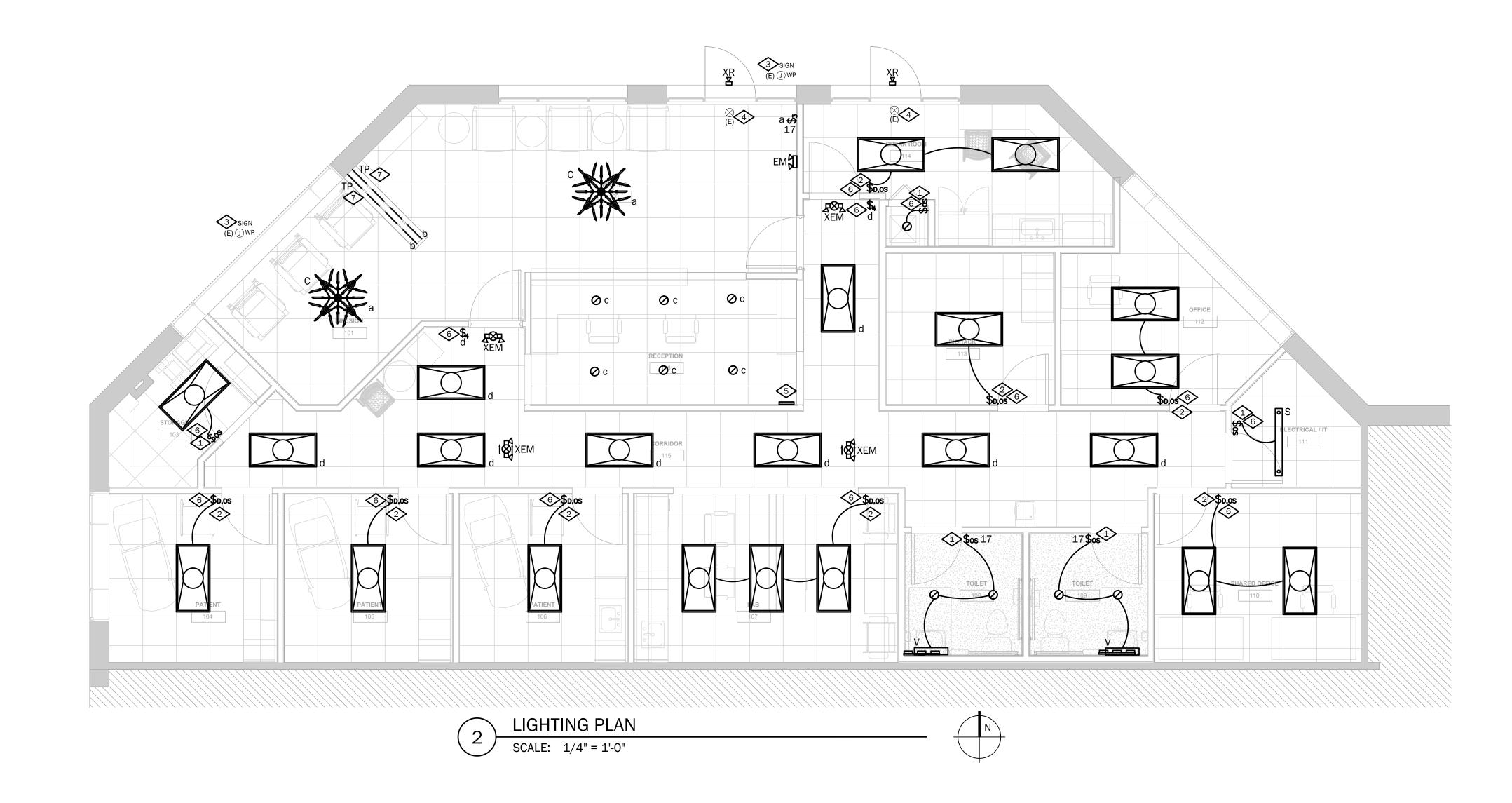


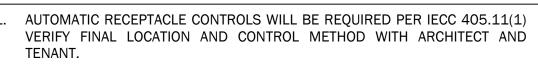
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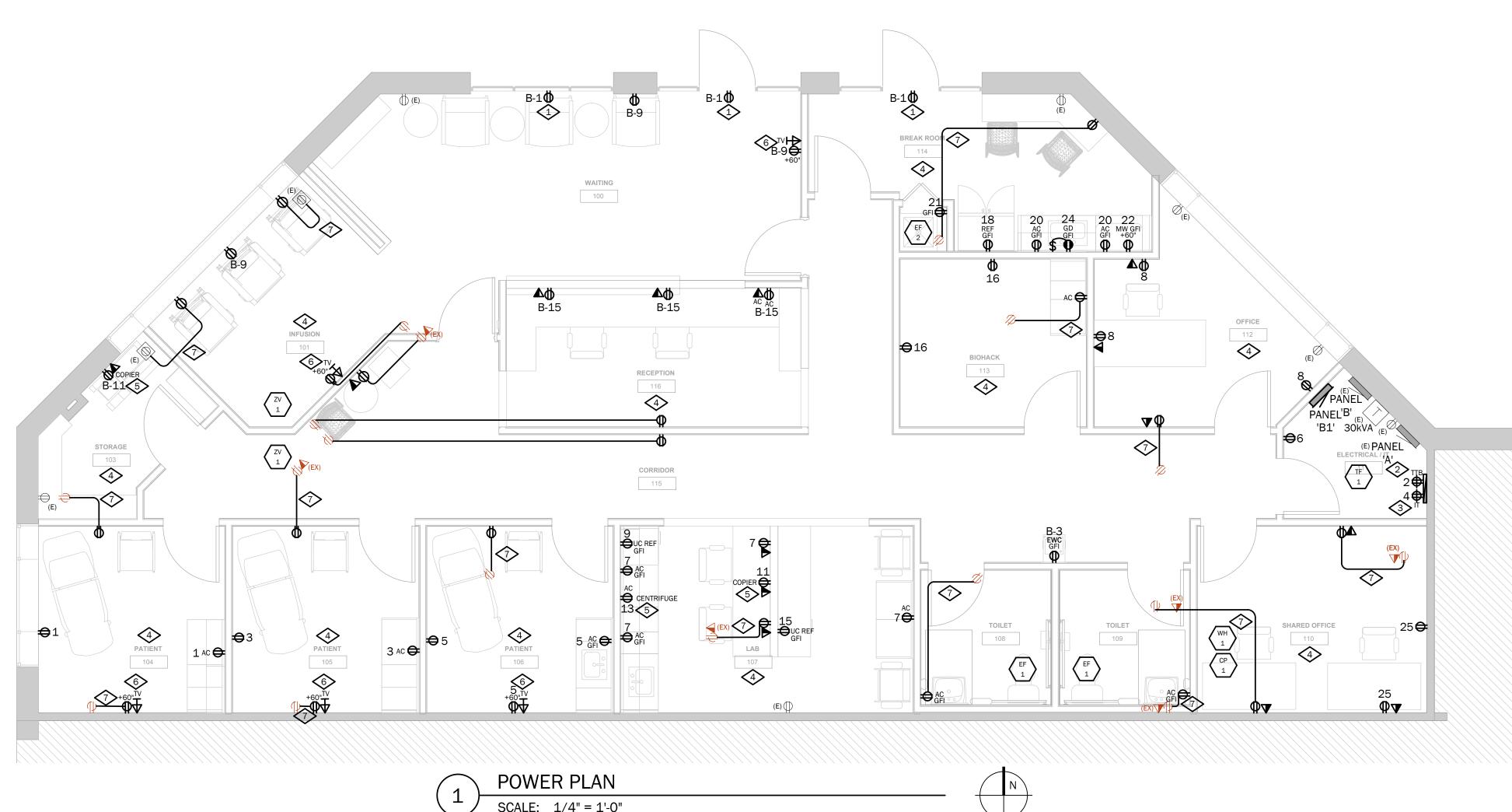
LIGHTING CONTROL NOTES:

- PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM IN ACCORDANCE WITH ENERGY CODE AND IECC REQUIREMENTS AND COMPATIBLE WITH INSTALLED LIGHT FIXTURE TYPES. PROVIDE ANY ADDITIONAL POWER/SWITCH PACKS, SENSORS, DIMMING MODULES, POWER AND CONTROL WIRING, OR OTHER SENSOR/POWER/CONTROL INTERFACE DEVICE THAT IS NECESSARY FOR A COMPLETE INSTALLATION.
- 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.
- 3. 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.
- 5. 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.
- 6. WHERE LIGHT SWITCHES ARE USED IN ADDITION TO OCCUPANCY SENSORS, LIGHT SWITCH SHALL OVERRIDE OCCUPANCY SENSOR (SWITCH CAN TURN LIGHTS OFF WHEN OCCUPANCY SENSOR CALLS FOR THEM TO BE ON; SWITCH CANNOT TURN LIGHTS ON WHEN OCCUPANCY SENSOR TURNS THEM OFF, SWITCH AND OCCUPANCY 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
- 9. 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 ALL REQUIRED 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 MULTI-POLE LIGHTING CONTACTOR WITH NUMBER OF POLES SUFFICIENT FOR ALL INTERIOR LIGHTING CIRCUITS. PROVIDE 7-DAY PROGRAMMABLE TIME CLOCK 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.





- a. AT LEAST 50% OF ALL 125V 15 AND 20AMP PERMANENTLY INSTALLED RECEPTACLES IN ENCLOSED OFFICES, CONFERENCE ROOMS, COPY/PRINT ROOMS, BREAKROOMS, AND INDIVIDUAL WORKSTATIONS MUST BE SWITCHED OFF VIA ONE OF THREE METHODS LISTED BELOW.
- i.a. SCHEDULE BASED CONTROL.
- ii.b. OCCUPANCY SENSOR CONTROLS.
- iii.c. A SEPARATE SYSTEM SUCH AS SECURITY SYSTEM. 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 AUTOMATICALLY.
- iil.RECEPTACLES CAN BE SPLIT CONTROLLED OR CONTROLLED IN ENTIRETY IF LOCATED NO FURTHER THAN 12" AWAY FROM UNCONTROLLED RECEPTACLE.
- iim. SCHEDULE BASED CONTROLS REQUIRED: i.a. ABILITY TO USE TIME OF DAY SCHEDULING.
- ii.b. EACH DAY OF WEEK MUST BE ABLE TO BE PROGRAMMED SEPARATELY.
- iii.c. ZONES OF RECEPTACLES CONTROLLED TOGETHER MUST NOT EXCEED
- iv.d. OCCUPANTS MUST BE PROVIDED WITH MANUAL OVERRIDE SWITCH FOR EACH ZONE OF NO MORE THAN 2 HOURS OVERRIDE OUTSIDE OF SCHEDULED HOURS.
- iw. OCCUPANCY SENSOR CONTROLS.
- i.a. USE THE SAME SENSOR(S) THAT CONTROL THE LIGHTING LOADS IN THE SPACE WITH ADDITIONAL POWER PACKS OR ROOM CONTROLLERS FOR THE PLUG LOAD CIRCUITS, 20-MINUTE MAX TIME-OUT. j. SEPARATE SYSTEM CONTROLS
- i.a. USING SOMETHING LIKE A SECURITY SYSTEM THAT CAN TURN PLUG LOADS OFF AFTER A SPACE IS VACANT FOR 20 MINUTES.



LIGHTING PLAN GENERAL NOTES:

- 1. THIS DESIGN IS DIAGRAMMATICAL. REFER TO MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION MANUALS FOR SPECIFIC LOCATIONS AND INSTALLATION DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS.
- 2. ALL REUSED MATERIALS OR EQUIPMENT SHALL BE IN GOOD CONDITION AND THE SYSTEM SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND IN
- GOOD WORKING ORDER AT THE COMPLETION OF THE PROJECT. 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).

4. PROVIDE OUTLET IN ACCESSIBLE LOCATION AT TENANT ENTRANCE FOR SIGN

- NUMBERS NEXT TO DEVICES REFER TO CIRCUIT DESIGNATION IN PANEL 'B1' UNLESS NOTED.
- 6. 2'x4' LIGHT FIXTURES ARE TYPE 'A' AND DOWNLIGHTS ARE TYPE 'D' UNLESS
- 7. EXIT SIGNS TYPE 'X' AND/OR 'XEM' AND EGRESS LIGHTS TYPE 'EM' SHALL BE NEW WITH EMERGENCY BATTERY PACK, MATCH EXISTING BUILDING
- PROVIDE NEUTRAL AND GROUND CONDUCTORS THROUGHOUT ALL LIGHTING BRANCH CIRCUITS INCLUDING ALL SWITCH OR LIGHTING CONTROL DEVICE LOCATIONS IN ACCORDANCE WITH NEC.

#> LIGHTING PLAN KEYED NOTES:

PER NEC 600.5.

- *NOTE: PROVIDE ALTERNATE QUOTE FOR WIRELESS CONTROLS.
- 1. WALLSWITCH OCCUPANCY SENSOR PROVIDE DUAL TECHNOLOGY INTELLIGENT LIGHTING CONTROLS ILC-SWX-1** OR EQUAL.
- 2. DIMMING WALLSWITCH OCCUPANCY SENSOR PROVIDE DUAL TECHNOLOGY INTELLIGENT LIGHTING CONTROLS ILC-SWX-1**-D 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.
- 3. 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.
- 4. FIELD VERIFY EXISTING OR PROVIDE NEW EXIT SIGNS AND EMERGENCY EGRESS LIGHTING THROUGHOUT AS REQUIRED BY CODE.
- 5. WALLBOX LIGHTING CONTROLLER PROVIDE DIMMING CONTROL DEVICE, ALL SWITCH PACKS, DIMMING MODULES, POWER AND CONTROL WIRING AND ALL OTHER COMPONENTS AS REQUIRED FOR A COMPLETE INSTALLATION. SEE LIGHTING CONTROL DRAWINGS FOR ADDITIONAL INFORMATION.

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- 6. 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.
- 7. SALT WALL TAPE LIGHT PROVIDE LOW-VOLTAGE LED TAPE LIGHTING FOR SALT WALL FEATURE, COORDINATED WITH ARCHITECTURAL MILLWORK. MOUNT TAPE LIGHT CONCEALED BEHIND HORIZONTAL WOOD TRIM AS SHOWN ON ARCHITECTURAL ELEVATIONS. FIELD VERIFY FINAL LOCATION, MOUNTING NUMBER OF RUNS AND LENGTH OF RUN(S) AT EACH LOCATION. PROVIDE DRIVER SIZED TO FEED FULL RUN OF TAPE LIGHT AT EACH AREA.



	REVISIONS	
NO	DESCRIPTION	DATE

CONSULTANT:



CONSULTANT PROJECT NO.

CONSULTANT SEAL:

POWER PLAN GENERAL NOTES:

- THIS DESIGN IS DIAGRAMMATICAL. REFER TO MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION MANUALS FOR SPECIFIC LOCATIONS AND INSTALLATION DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR ANY
- 2. ALL REUSED MATERIALS OR EQUIPMENT SHALL BE IN GOOD CONDITION AND THE SYSTEM SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND IN GOOD WORKING ORDER AT THE COMPLETION OF THE PROJECT.
- PROVIDE GFI OUTLET WITHIN 25' OF EQUIPMENT IN ACCORDANCE WITH NEC 210.63. PROVIDE WEATHERPROOF GFI OUTLET ON ROOFTOPS WITHIN 25' OF ROOFTOP EQUIPMENT.
- 4. ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT AND ENCLOSED IN A WEATHERPROOF EXTRA DUTY ENCLOSURE WHILE IN USE IN ACCORDANCE
- 5. FIELD VERIFY FINAL LOCATION OF ALL EQUIPMENT WITH PROVIDER PRIOR TO
- 6. 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.
- 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.
- 8. NUMBERS NEXT TO DEVICES REFER TO CIRCUIT DESIGNATION IN PANEL 'B1'
- 9. 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
- 10. 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.

POWER PLAN KEYED NOTES:

- 1. SHOW WINDOW VERIFY EXISTING OR PROVIDE NEW FLUSH MOUNTED DUPLEX OUTLET IN CEILING OR WALL WITHIN 18" MAXIMUM ABOVE STOREFRONT FOR SHOW WINDOW LIGHTING IN ACCORDANCE WITH NEC 210.62.
- 2. TELEPHONE BOARD LOCATION (TTB) THE EC SHALL PROVIDE AND INSTALL 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.
- 3. IT EQUIPMENT PROVIDE DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
- 4. 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.
- 4.1. CONTROL AT LEAST 50% OF THE RECEPTACLES IN EACH AREA IN ITS ENTIRETY IF LOCATED NO FURTHER AWAY FROM AN UNCONTROLLED RECEPTACLE. A CONTROLLED RECEPTACLE SHALL BE LOCATED WITHIN 12 INCHES OF EACH UNCONTROLLED RECEPTACLE.
- 4.2. PROVIDE AND INSTALL LEGRAND PASS AND SEYMOUR 5262CHW OR EQUAL HALF-CONTROLLED PLUG LOAD CONTROLLABLE RECEPTACLES.
- 5. 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.
- 6. TV/MONITOR PROVIDE POWER AND DATA/CATY JACKS AS REQUIRED 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.
- 7. RELOCATE DEVICE EXTEND EXISTING BRANCH CIRCUIT TO NEW DEVICE LOCATION AS INDICATED. MAINTAIN EXISTING CIRCUIT CONNECTION. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION.



SHEET NAME: POWER PLAN AND LIGHTING PLAN

ISSUE DATE:		ISSUED FOR:
	05/23/2025	PERMIT
DESIGNED:		PROJECT NO:
	АВ	2025.2
QAQC:		SHEET NO:
	DK	
SCALE:		E100

As indicated