

SELECTIVE DEMOLITION

GENERAL

A. SECTION REQUIREMENTS

- i. Unless otherwise indicated, demolished materials become Contractor's property.
- ii. Comply with EPA regulations and disposal regulations of authorities having jurisdiction.
- iii. Conduct demolition without disrupting Owner's occupation of the space.

EXECUTION

A. DEMOLITION

- i. Maintain and protect existing utilities to remain in service before proceeding with demolition, providing bypass connections to other parts of the building.
- ii. Locate, identify, shut off, disconnect, and cap off utility services to be demolished.
- iii. Employ a certified, licensed exterminator to treat building and to control rodents and vermin.
- iv. Conduct demolition operations and remove debris to prevent injury to people and damage to adjacent buildings and site improvements.
- v. Provide and maintain shoring, bracing, or structural support to preserve building stability and prevent movement, settlement, or collapse.
- vi. Protect building structure or interior from weather and water leakage and damage.
- vii. Protect remaining walls, ceilings, floors, and exposed finishes. Erect and maintain dustproof partitions. Cover and protect remaining furniture, furnishings, and equipment.
- viii. Promptly patch and repair holes and damaged surfaces of building caused by demolition. Restore exposed finishes of patched areas and extend finish restoration into remaining adjoining construction.
- ix. Promptly remove demolished materials from Owner's property and legally dispose of them. Do not burn demolished materials.
- x. Remove all existing trip hazards. Remove all abandoned electrical, and mechanical, plumbing systems from site & building.

TERMITE CONTROL FOR CUTTING & PATCHING OF CONC. SLABS

GENERAL

A. SECTION REQUIREMENTS

- i. Submit Product Data.
- ii. Engage a licensed professional pest control operator to apply termite control solution.
- iii. Use only termiticides that bear a federal registration number of the U.S. EPA.

PRODUCTS

A. TERMITICIDES

- i. Provide a working solution in concentrations recommended by manufacturer.

EXECUTION

A. INSTALLATION

- i. Prepare surfaces and apply treatment at rates and concentrations recommended in manufacturer's written instructions.
- ii. Apply termite control to all areas of new construction.
- iii. Post signs in areas of application warning workers that soil termiticide treatment has been applied. Demolition work areas are covered by other construction.
- iv. Reapply soil termiticide treatment solution to areas disturbed by subsequent excavation or other construction activities following application.

CAST-IN-PLACE CONCRETE

GENERAL

A. SECTION REQUIREMENTS

- i. Submit Product Data
- ii. Comply with ASTM C 94; ACI 301, "Specifications for Structural Concrete for Buildings"; ACI 318, "Building Code Requirements for Structural Concrete"; and CRSI's "Manual of Standard Practice."
- iii. Engage a qualified independent testing agency to test concrete mixes.

PRODUCTS

A. MATERIALS

- i. Deformed Reinforcing Bars: ASTM A 615, Grade 60 (ASTM A 615M, Grade 420).
- ii. Welded Steel Wire Fabric: ASTM A 185, flat sheets, not rolls. 6X6, #10/#11
- iii. Portland Cement: ASTM C 150, Type 1.
- iv. Fly Ash: ASTM C 618, Type F. Max. 20% of total of cement & fly ash.

- v. Aggregates: ASTM C 33, Class 4S.
- vi. Fiber Reinforcement: ASTM C 1116, Type III, engineered polypropylene fibers.
- vii. Air-Entraining Admixture: ASTM C 260.
- viii. Chemical Admixtures: ASTM C 494
- ix. Water Stops: Flat dumbbell or center-bulb type, of either Rubber (CRD C 513) or PVC (CRD C 572).
- x. Vapor Retarder: Clear 6-mil- (0.2-mm-) thick polyethylene.
- xi. Liquid Membrane-Forming Curing Compound: ASTM C 309, clear, Type I, Class B, waterborne.
- xii. Nonslip Aggregate: Factory-produced, rustproof, nonglazing, fused aluminum-oxide granules or crushed emery, unaffected by freezing, moisture, and cleaning materials.
- xiii. Dry-Shake Color Hardener: Packaged, dry combination of materials consisting of portland cement, graded quartz aggregate, nonfading mineral-oxide coloring pigments, and plasticizing admixture. Color as selected by Architect.

Note: For all exterior walks use dry-shake color hardener u.o.n. in place of plain concrete.

B. MIXES

- i. Proportion normal-weight concrete mixes to provide the following properties:
 - (1) Compressive Strength: 2500 psi (17.3 MPa) at 28 days.
 - (2) Slump Limit: 4 inches (100 mm) at point of placement.
 - (3) Water-Cement Ratio: 0.45 maximum at point of placement.
 - (4) Air Content: 5.5 to 7.0 percent for concrete exposed to freezing and thawing, 2 to 4 percent elsewhere.

EXECUTION

A. CONCRETING

- i. Construct formwork and maintain tolerances and surface irregularities within ACI 117 limits of Class A for concrete exposed to view and Class C for other concrete surfaces.
- ii. Set water stops where indicated to ensure joint watertightness.
- iii. Place vapor retarder on prepared subgrade, with joints lapped 6 inches (150 mm) and sealed.
- iv. Accurately position, support, and secure reinforcement.
- v. Install construction, isolation, and control joints.
- vi. Place concrete in a continuous operation and consolidate using mechanical vibrating equipment.
- vii. Protect concrete from physical damage or reduced strength due to weather extremes during mixing, placing, and curing.
- viii. Formed Surface Finish: Smooth trowel finish for concrete exposed to view, coated, or covered by waterproofing or other direct-applied material; rough formed finish elsewhere.
- ix. Unformed Slab Finishes: Scratch finish for surfaces to receive mortar setting beds. Float finish surfaces for interior steps and ramps and surfaces to receive waterproofing, roofing, or other direct-applied material. Trowel finish for floor surfaces and floors to receive floor coverings, paint, or other thin film-finish coatings. Trowel and fine broom finish for surfaces to receive thin-set tile. Nonslip broom finish to exterior concrete platforms, steps, and ramps.
- x. Uniformly spread 25 lb/100 sq. ft. (1.5 kg/sq. m) of dampened nonslip aggregate over float-finished paving surface, ramp, and expose nonslip aggregate.
- xi. Apply dry-shake color hardener to float finished surface, repeating float finishing to embed each application. Apply final trowel finish.
- xii. Cure formed surfaces by moist curing until forms are removed.
- xiii. Begin curing unformed concrete after finishing. Keep concrete continuously moist for at least 7 days.
- xiv. Owner will engage a testing agency to perform tests and to submit test reports.
- xv. Protect concrete from damage. Repair surface defects in concrete.

ALL FLAT ROOF DECKS SHALL BE MIN. 1/4" PER SLOPE

ALL ON GRADE CONC. DECKS SHALL BE MIN. 1/8" PER SLOPE

ROUGH CARPENTRY

GENERAL

A. SECTION REQUIREMENTS

- i. Submit model code evaluation reports for engineered wood products.

PRODUCTS

A. LUMBER, GENERAL

- i. Dressed lumber, S4S, 19 percent maximum moisture content for 2-inch (38-mm) thickness or less, marked with grade stamp of inspection agency.

B. TREATED MATERIALS

- i. Preservative-Treated Materials: AWPAC2 lumber and AWPAC9 plywood, labeled by an inspection agency approved by ALSA's Board of Review. After treatment, kiln-dry lumber and plywood to 19 and 15 percent moisture content, respectively. Treat indicated items and the following:
 - (1) Wood members in connection with roofing, flashing, vapor barriers, and waterproofing.
 - (2) Concealed members in contact with masonry or concrete.
 - (3) Wood framing members less than 18 inches (460 mm) above grade.
 - (4) Wood floor plates installed over concrete slabs directly in contact with earth.
- ii. Fire-Retardant-Treated Materials: AWPAC20 lumber and AWPAC27 plywood, interior Type A treatment, labeled by a testing and inspecting agency acceptable to authorities having jurisdiction.

- (1) Use treated lumber and plywood with bending strength, stiffness, and fastener-holding capacities that are not reduced below values published by manufacturer of chemical formulation under elevated temperature and humidity conditions.

C. LUMBER

- i. Dimension Lumber: The following grades per inspection agency indicated.
 - (1) Non-Load-Bearing Interior Partitions: Standard, Stud, or No. 3 grade: Mixed southern pine: SPIB
 - (2) Framing Other Than Non-Load-Bearing Partitions: Construction or No. 2 grade: Southern pine: SPIB
 - (3) Exposed Framing: Select Structural grade, hand-selected: Southern pine: SPIB
- ii. Timbers 5-inch Nominal (117-mm Actual) Size and Thicker: Southern pine, No. 1 Dense per SPIB rules
- iii. Concealed Boards: 19 percent maximum moisture content: Mixed southern pine: No. 2 per SPIB rules
- iv. Miscellaneous Lumber: No. 3 or Standard grade of any species for rollers, blocking, and similar members.

D. ENGINEERED WOOD PRODUCTS

- i. Engineered wood products acceptable to authorities having jurisdiction and with allowable design stresses, as published by manufacturer, that meet or exceed those indicated. Manufacturer's published values shall be demonstrated by comprehensive testing.
- ii. Laminated-Veneer Lumber: Laminated with an exterior-type adhesive complying with ASTM D 2559, with grain of veneers parallel to their lengths.
 - (1) Extreme Fiber Stress in Bending: 2500 psi (17 MPa) for 12-inch nominal- (286-mm actual-) depth members.
 - (2) Modulus of Elasticity: 2,000,000 psi (13,800 MPa).
- iii. Microlam Beams: Laid up from wood strands with exterior-type adhesive complying with ASTM D 2559, with grain of strands parallel to their lengths.
 - (1) Extreme Fiber Stress in Bending: 2500 psi (17 MPa) for 12-inch nominal- (286-mm actual-) depth members.
 - (2) Modulus of Elasticity: 2,000,000 psi (13,800 MPa).
 - (3) Fy = 285 psi
- iv. Prefabricated Wood Joists: Made from stress-graded lumber flanges and wood-based structural-use panel webs with exterior-type adhesive complying with ASTM D 2559.
 - (1) Structural Capacities: Establish and monitor structural capacities according to ASTM D 5055.
- i. Wood-Based Structural-Use Panels: DOC PS 2. Provide plywood complying with DOC PS 1, where plywood is indicated.

E. PANEL PRODUCTS

- (1) Factory mark panels evidencing compliance with grade requirements.
- (2) Panels with span ratings required by support spacing indicated.
- (3) Combination Subfloor-Underlayment: APA-rated Sturd-i-Floor, Exposure 1.
- (4) Subflooring: APA-rated sheathing, Exposure 1.
- (5) Wall Sheathing: APA-rated Structural I sheathing, Exposure 1.
- (6) Roof Sheathing: APA-rated Structural I sheathing, Exterior.
- (7) Plywood Underlayment for Resilient Flooring: APA B-C Underlayment Exterior plywood panels with fully sanded face.
- (8) Plywood Underlayment for Ceramic Tile: APA-rated, Underlayment grade, exterior plywood, 5/8 inch (15.9 mm) thick.
- (9) Plywood Underlayment for Carpet: APA Underlayment Exposure 1 plywood panels with fully sanded face.
- ii. Particleboard underlayment: ANSI A208.1, Grade PBU.
- iii. Hardboard Underlayment: ANSI/AHA A135.4, Class 4 (Service), S1S; with back side sanded.
- iv. Fiberboard Sheathing: ANSI/AHA A194.1, Type IV, Class 1, \ inch (13 mm) thick.
- v. Gypsum Sheathing Board: ASTM C 79, water-resistant core.
- vi. Glass-Fiber-Surfaced Gypsum Sheathing Board: ASTM C 79, water-resistant core, surfaced on face and back with glass-fiber mats with alkali-resistant coating.
- vii. Extruded Cellular Polystyrene Sheathing: ASTM C 578, Type IV, with T & G or shiplap long edges.
- viii. Polyisocyanurate Foam Sheathing: FS HH-1-1972/1, Class 1 or 2; with aluminum foil facings. Foam-plastic core and facings shall have flame spread of 25 or less, when tested individually.

F. MISCELLANEOUS PRODUCTS

- i. Air-Infiltration Barrier: ASTM D 226, Type I, No. 15 asphalt felt, unperforated
- ii. Fasteners: Size and type indicated. Where rough carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with a hot-dip zinc coating per ASTM A 153 or of Type 304 stainless steel.
 - (1) Power-Driven Fasteners: CABO NER-272.
 - (2) Bolts: Steel bolts complying with ASTM A 307, Grade A (ASTM F 568, Property Class 4.6); with ASTM A 563 (ASTM A 563M) hex nuts and, where indicated, flat washers.
- iii. Metal Framing Anchors: Hot-dip galvanized steel of structural capacity, type, and size indicated.
- iv. Sill-Sealer: Glass-fiber insulation, 1-inch (25-mm) thick, compressible to 1/32 inch (0.8 mm).
- v. Adhesives for Field Gluing Panels to Framing: APA AFG-01.

REVISIONS		
REF.	DATE	BY

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AR 14,855	
DESIGN	CWF
DESIGN DWG	0
WORKING DWG	0
BID REVIEW	0
PERMIT REVIEW	0
ISSUE DATE	08-22-2025
SCALE	AS NOTED
JOB NO.	0

SHEET
A-1.1

EXECUTION

A. INSTALLATION

- i. Fit rough carpentry to other construction; scribe and cope for accurate fit. Correlate location of furring, blocking, and similar supports to allow attachment of other construction.
- ii. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated, complying with the following:
 - (1) CABO NER-272 for power-driven staples, P-nails, and allied fasteners.
 - (2) Published requirements of metal framing anchor manufacturer.
- iii. Use hot-dip galvanized or stainless-steel nails where rough carpentry is exposed to weather, in ground contact, or in area of high relative humidity.
- iv. Installation of Structural-Use Panels: Comply with applicable recommendations contained in APA Form No. E30 and as follows:
 - (1) Combination Subflooring-Underlayment: Glue and nail to framing.
 - (2) Subflooring: Glue and nail to framing.
 - (3) Sheathing: Nail to framing.
 - (4) Underlayment: Nail or staple to subflooring.
- v. NOTE: Wood-based Structural-use Panel Roof Sheathing Shall Be Rated For Exposure #1 Have A Minimum Nominal Thickness Of 19/32 Inches And Shall Be Continuous Over Two Or More Spans With Face Grain Perpendicular To Supports. Span Rating PANEL IDENTIFICATION INDEX IS 32/16. Maximum Span If Block Or Other Edge Supports Is 32". Maximum Span Without Edge Support Is 28". Plywood To Be Type CDX.
 - (1) 8d ring shank nails at 6" typical.
 - (2) At gable ends, use 8d ring shank nails at 4" o.c. typical for first three trusses.
- vi. Nailing at windows.
 - (1) Width 6"-3" or smaller use 2--.097~ x2 1/2" long nails at 16" o.c. - four sides
- vii. Nailing at sliding glass doors.
 - (1) use 2--.097~ x2 1/2" long nails at 16" o.c. top and bottom and at fixed jamb.

MISCELLANEOUS CARPENTRY PRODUCTS

A. LUMBER, GENERAL

- i. Dressed lumber, S4S, 19 percent maximum moisture content for 2-inch (38-mm) thickness or less, marked with grade stamp of inspection agency.

B. TREATED MATERIALS

- i. Preservative-Treated Materials: AFWA C2 lumber and AFWA C9 plywood, labeled by an inspection agency approved by ALS's Board of Review. After treatment, kiln-dry lumber and plywood to 19 and 15 percent moisture content, respectively. Treat indicated items and the following:
 - (1) Wood members in connection with roofing, flashing, vapor barriers, and waterproofing.
 - (2) Concealed members in contact with masonry or concrete.
 - (3) Wood framing members less than 18 inches (460 mm) above grade.
 - (4) Wood floor plates installed over concrete slabs directly in contact with earth.
- ii. Fire-Retardant-Treated Materials: AFWA C20 lumber and AFWA C27 plywood, interior Type A treatment, labeled by a testing and inspecting agency acceptable to authorities having jurisdiction.

C. LUMBER

- i. Interior Partition Framing: Standard, Stud, or No. 3 grade: Mixed southern pine: SPIB
- ii. Other Framing: Construction or No. 2 grade: Southern pine: SPIB
- iii. Exposed Boards: Match Existing.
- iv. Concealed Boards: Mixed southern pine, No. 2
- v. Miscellaneous Lumber: No. 3 or Standard grade of any species for nailers, blocking, and similar members.

D. INTERIOR WOOD TRIM

- i. Softwood Trim: Eastern white, Idaho white, lodgepole, ponderosa, or sugar pine; grade B & Btr Select or Supreme.
- ii. Wood Molding Patterns: Stock moldings indicated, made to patterns included in WMMPA WM 7 and graded under WMMPA WM 4; N-Grade for transparent finish.
- iii. Clothes Rods: 1-1/2-inch- (38-mm-) diameter, clear, kiln-dried hardwood rods.

E. PANEL PRODUCTS

- i. Wood-Based Structural-Use Panels: DOC PS 2. Provide plywood complying with DOC PS 1, where plywood is indicated.
 - (1) Factory mark panels evidencing compliance with grade requirements.
 - (2) Miscellaneous Concealed Panels: APA-rated sheathing, Exposure 1, span rating to suit framing in each location.
 - (3) Miscellaneous Exposed Plywood: A-D Interior, thickness as indicated.

Wood-based Structural-use Panel Roof Sheathing Shall Be Rated For Exposure #1 Have A Minimum Nominal Thickness Of 19/32 Inches And Shall Be Continuous Over Two Or More Spans With Face Grain Perpendicular To Supports. Span Rating PANEL IDENTIFICATION INDEX IS 32/16. Maximum Span If Block Or Other Edge Supports Is 32". Maximum Span Without Edge Support Is 28". Plywood To Be Type CDX.
- ii. Particleboard: Comply with and factory mark each panel according to ANSI A208.1.
 - (1) Particleboard Underlayment: Grade PBU.
- iii. Hardboard Underlayment: ANSI/AHA A135.4, Class 4 (Service), S1S;

F. FASTENERS

- i. Fasteners of size and type indicated. Where carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with a hot-dip zinc coating per ASTM A 153 or of Type 304 stainless steel.
 - (1) Power-Driven Fasteners: CABO NER-272.

EXECUTION

A. INSTALLATION

- i. Fit carpentry to other construction; scribe and cope for accurate fit. Correlate location of furring, blocking, and similar supports to allow attachment of other construction.
- ii. Securely attach carpentry work as indicated and according to applicable codes and recognized standards.
- iii. Countersink nail heads on exposed carpentry work and fill holes with wood filler.
- iv. Installation of Structural-Use Panels: Comply with applicable recommendations contained in APA Form No. E30.
 - v. Install wood trim with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Cope at returns and miter at corners to produce tight-fitting joints with full-surface contact throughout length of joint. Use scarf joints for end-to-end joints.
 - (1) Match color and grain pattern across joints.
 - (2) Install trim after gypsum board joint finishing operations are completed.
 - (3) Install to tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm) for level and plumb. Install adjoining trim with 1/32-inch (0.8-mm) maximum offset for flush installation and 1/16-inch (1.6-mm) maximum offset for reveal installation.

GENERAL NOTES:

1. WRITTEN DIMENSIONS IN THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS, DETAILS AND OR CONDITIONS ON THE JOB WHICH REQUIRE THE ARCHITECT OR ENGINEER OF RECORDS CLARIFICATION AND OR CORRECTION. THE ARCHITECT OR ENGINEER OF RECORD IS TO BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE CONSTRUCTION OF ANY VARIATIONS OR DISCREPANCY OF THE DIMENSIONS, DETAILS OR CONDITIONS WHICH ARE NOT CLEAR OR SHOWN BY THESE DRAWINGS. THE BUILDER SHALL BE RESPONSIBLE FOR OBTAINING FROM THE ARCHITECT OR ENGINEER OF RECORD AND OR ANY GOVERNMENTAL AUTHORITIES ANY CLARIFICATIONS AND CORRECTIONS TO THESE DRAWINGS THAT ARE NOT CLEAR OR CORRECT BUT THAT ARE DEEMED NECESSARY FOR THE PROJECT. THE COST OF ALL CLARIFICATIONS AND CORRECTIONS ARE NOT THE RESPONSIBILITY OF THE OWNER OR THE ARCHITECT OR ENGINEER OF RECORD. ALL EXTRAS OR CHANGES INCLUDING COSTS SHALL BE APPROVED BY THE OWNER AND THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO THE CONSTRUCTION OF SAID EXTRAS OR CHANGES. IT IS THE BUILDER'S RESPONSIBILITY TO MAINTAIN A CONSTRUCTION SUPERVISOR ON THE JOB AT ALL TIMES. THE CONSTRUCTION SUPERVISOR SHALL BE AWARE OF AND FOLLOW THE INTENT OF THE DESIGN AT ALL TIMES. WHEN IN QUESTION, THE ARCHITECT OR ENGINEER OF RECORD SHALL BE THE INTERPRETER OF THE INTENT OF THE DESIGN. ALL EXISTING SURFACE, OVERHEAD, AND SUBSURFACE CONDITIONS WHICH ARE NOT FORESEEN OR PREDICTED ON THESE DRAWINGS, WHICH MIGHT CAUSE LIABILITY, COSTS, OBLIGATIONS, OR DELAYS ARE THE OWNERS RESPONSIBILITY. ALL OWNER'S INSTRUCTIONS TO THE CONTRACTOR BE MADE THROUGH THE ARCHITECT OR ENGINEER OF RECORD. THE CONTRACTOR IS RESPONSIBLE TO KNOW ALL CURRENT CODES.
2. The general Contractor (GC) shall verify all existing conditions in the field prior to the bid & execution of any work. The G.C. shall carefully survey the existing job conditions to verify them.
3. The GC shall verify all dimensions in the field - on site dimensions take priority over all.
4. Any discrepancies between the contract documents and existing conditions shall be reported to the architect prior to the GC's execution of any work.
5. Refer to the structural drawings for all-structural sizes and information (all Dimensions shown in the architectural drawings are for location purposes only).
6. All work shall conform to the code, County planning agency, in addition to all codes, (federal, state and local regulations). Hurricane calcs are to be followed.
7. The building shall comply with all current energy requirements and calculations.
8. All dimensions are from face of studs unless otherwise noted.
9. The GC shall ensure that existing work on the site is protected at all times. And shall replace and damaged work to the satisfaction of the owner. All that includes exterior surfaces, landscape, irrigation, signage etc
10. The GC shall be responsible for the design, construction and coordination of all mechanical, electrical, plumbing and fire protection work. This includes any drawings, shop drawings, details, calculations ect, that may be required to properly execute this work.
 - Location of lighting devices, mechanical equipment, plumbing fixtures, and fire-protection devices show on the architectural drawings are for location reference only.
 - Locations, quantities and code compliance of all electrical, mechanical, plumbing and fire-protection devices are the sole responsibility of the GC.
 - Any relocations, additions or indications to be made in the mechanical, electrical, plumbing and fire-protection systems as required by the building inspector or regulatory agencies, or visible existing conditions shall be performed by the GC at no additional expense to the owner. all existing abandoned electrical, mechanical, systems are to be removed from job-site.
11. The architect is not responsible for the coordination, completeness, locations, or content of any consultants of contractors.
12. All interior non-load bearing partitions shall be comprised of 2x4 wood or metal studs @ 16" o.c. or as shown.
13. Paint: all painted surfaces to receive 1 - primer coat, and 1- finish coat. Colors to be selected by the owner
14. Accessory back-up plates: Install back-up plate gaskets behind all in wall-mounted accessories as required.
15. Weatherstripping shall be provided at all doors and windows that separate heated space from unheated space, or the building exterior (inc. garage doors and at furnace closets). Infiltration shall not exceed .5 cu. Ft./min./sq.ft. with a pressure diff. of 1.567 psi (wind load of 25 mph).
16. At exterior building joints shall be filled with sealant.
17. Heating ducts shall be constructed, installed and insulated per the local mechanical code. All duct joints shall be airtight. Ducts in unconditioned space shall be insulated with min. 1" mineral fiber insulation. Duct insulation shall have a flame spread not over 25 and smoke rating not over 100.
18. The new thermostat shall be automatic, w/delay for efficiency night set-back with integral clock with integral clock with settings for 2-periods in 24 hours.
19. All Shower controls to be scald proof and faucets and shower-heads to be flow restricting (per FBC-2023).
20. Proved an insulation blanket (R-12) around all water heaters.
21. Provide pipe insulation (R-3) on both hot and cold pipes 5' from the wter heater.
22. Gas cooking appliances shall have electronic pilots.
23. All toilets and other plumbing fixtures to be low water volume usage type to conform to current code.
24. This set of contract documents incorporates hurricane or structural calculations, and energy use calculations (by others) . Paid by owner.

25. All exterior windows are per energy calculations.

26. Architect is here by given access to make photographs, videos, images etc. of project & promote & publish such images and articles in a free and unrestricted manner, place 3'0" x 4'0" sign at site front as needed by architect.

27. One note on one drawing is applicable to all drawings

28. The architect is the final interpreter of the drawing and any discrepancies there in.

29. On remodels all materials, textures and colors are to match existing, to completely blend in visually U.O.N. On new homes all materials, textures and colors are to match neighborhood association rules and or codes of any kind governing such things.

30. WARNING: THE STRUCTURAL INTEGRITY OF THE ADDITION SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF-SUPPORTING DURING CONSTRUCTION AND REQUIRE TEMPORARY BRACING UNTIL PERMANENTLY AFFIXED TO STRUCTURE AS DIRECTED. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION, UNLESS THE CONSTRUCTION METHOD AND BRACING ARE INCLUDED IN THE PLANS AND SPECIFICATIONS OR ARE SUPERVISED BY THE STRUCTURAL ENGINEER DURING CONSTRUCTION.

31. Draftstopping shall be provided at all joints for soffit ceilings.

32. ASPHALT PAVED AREAS DAMAGED DURING CONSTRUCTION MUST BE RESTORED, TESTED AND INSPECTED AS PER CITY'S ENGINEERING STANDARDS. LIMEROCK BASE SHALL BE LBR 100 WITH 70% CARBONATED, COMPACTED TO A MIN. OF 98% OF STANDARD PROCTOR WITH DOUBLE THE ORIGINAL THICKNESS. SUBGRADE MATERIAL MUST BE LBR 40 AND COMPACTED TO A MINIMUM OF 98% OF STANDARD PROCTOR. ALL LBR AND PROCTOR REPORTS TO BE PROVIDED TO THE ENGINEERING DIVISION PRIOR TO SCHEDULING INSPECTIONS AND TESTING.

33. MAINTAIN A MINIMUM OF 10FT HORIZONTAL SEPARATION AND 24IN VERTICAL SEPARATION BETWEEN PROPOSED AND EXISTING/PROPOSED CITY UTILITIES.

34. ALL APPLICABLE SAFETY MEASURES MUST BE EFFECTIVE AT ALL TIMES .

35. RESTORE ALL AREAS TO ORIGINAL OR BETTER CONDITION.

36. ALL BUILDING DEPARTMENT CORRECTIONS ON PLANS SHALL BE INCLUDED IN THE BID

37. ALL THE BEAMS THAT ARE NOT FLAGGED OR SPECIFIED, BUT THAT ARE NEEDED AS SUPPORT ARE TO BE ASSUMED AS NEEDED FOR BUILDING PURPOSES ARE CLARIFIED OR SIZED BY RFI TO ARCHITECTURAL PLANS.

38. ALL INTERIOR SOFFITS OR CEILINGS ARE ASSUMED TO BE G.W.B. UON. ALL EXTERIOR SOFFITS ARE ASSUMED TO BE STUCCO. UON.

39. FOR CONTRACTOR BIDDING PURPOSES, ALL WORK IS ASSUMED TO BE REQUIRED TO BE BUILT TO CODE EVEN IF THERE IS AN OMISSION IN THE ARCHITECT'S DRAWINGS. ALL G.C.'S AND THEIR SUB-CONTRACTORS ARE REQUIRED TO KNOW THE CODE AND BUILD TO CODE.

40. SOLID BLOCKING AND OR HEAVY GA. MTL FRAME @ ALL WINDOW AND DOOR JAMBS AND HEADS WHERE NEEDED

41. ASBESTOS REPORT IS USUALLY REQUIRED FOR ANY PROJECT IN A BUILDING PER CODE

GENERAL DESIGN CRITERIA

CURRENT BUILDING CODE
 FLORIDA BUILDING CODE 2023 8TH EDITION
 NATIONAL ELECTRICAL CODE (CURRENT) NEC 2020
 LIVE LOADS SHALL BE IN ACCORDANCE WITH
 FLORIDA BUILDING CODE 2023 8TH EDITION
 WIND DESIGN ASCE 7-22
 NFPA 70 2020

GENERAL NOTES

LEAVE 2 SPACES MIN AS SPARE IN ALL ELECTRICAL PANELS
 GENERAL CONTRACTOR SHALL VERIFY LOCATION OF ALL MECHANICAL LINES BEFORE CASTING FOUNDATIONS OR CAST PROTECTION AROUND LINES AS REQUIRED.

SOIL NOTES

SOIL CAPACITY SHALL BE 2,500 PSF UNLESS NOTED OTHERWISE IN GEOTECHNICAL REPORT

MALL NOTES:

The General Contractor shall coordinate with mall to erect and remove all required temporary partitions and on-site protections. General Contractor shall submit as part of his proposal full estimates for supplying, erecting, and removal of temporary partitions and/or protections per mall requirements.

All work to be completed per Tenant Criteria, codes, Mall Rules & Regulations and lease agreement. Tenants must use all Required Contractors at Tenant's expense (per rules and regulations). Contract tenant Tenant Coordination for a copy of Rules and Reg's.

It is the tenant's responsibility to give their contractor a copy of tenant criteria prior to bidding project to ensure they are bidding materials that the mall will accept. The contractors should also contact mall management to get a copy of the mall Rules and Regulations prior to bidding project.

Coordinate final location of all roof equipment with mall management.

Coordinate with mall management prior to coring or trenching.

It is the Tenant's responsibility to visit the site and verify all dimensions, conditions and utilities.

Patch/repair fireproofing damaged during demo/construction as required to maintain original rating.

Any penetration through the deck larger than 12" square shall require structural calculations, details, structural steel and fireproofing as required.

Coordinate final layout of storefront with mall management prior to construction.

Ceilings cannot be hung from landlords deck above.

Tenant's general contractor shall be required to furnish temporary weatherproofing for all roof penetrations, until landlord's roofing contractor has made the final patch.

General Contractor shall use/hire the landlord's roofing contractor to perform all roof repairs and new roof penetration flashing.

General Contractor shall use/hire the landlords fire sprinkler contractor and fire alarm contractors to perform all necessary modifications and additions to the existing fire sprinkler and fire alarm systems.

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DIVERSE CARE
 DR. OCHA
 2314 EAST ATLANTIC BLVD.
 POMPANO BEACH, FL. 33062

C.WAYNE FERRELL, RA

AR 14,855	
DESIGN	CWF
DESIGN DWG	0
WORKING DWG	0
BID REVIEW	0
PERMIT REVIEW	0
ISSUE DATE	08-22-2025
SCALE	AS NOTED
JOB NO.	0

REVISIONS		
REF.	DATE	BY

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ARCHITECT ONE
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AA 20002488

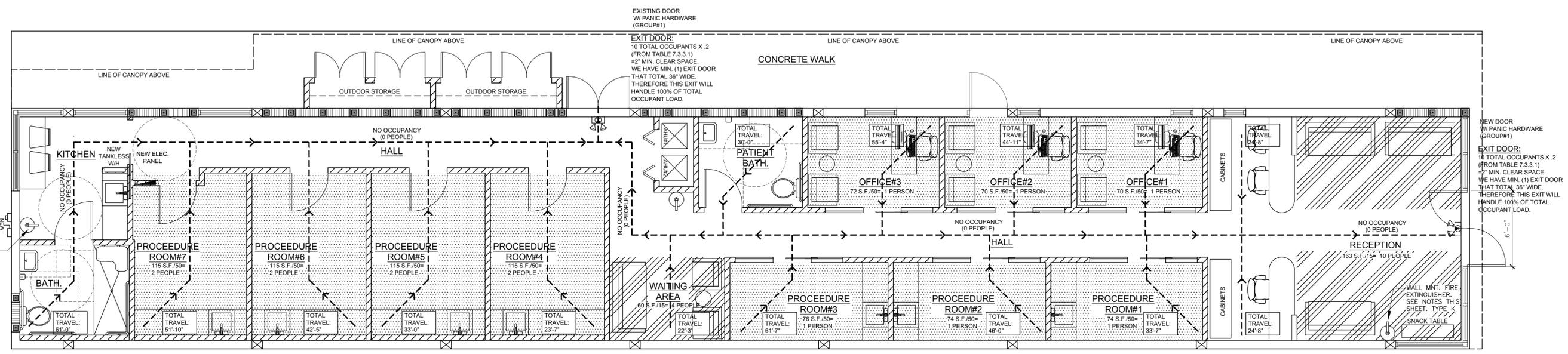
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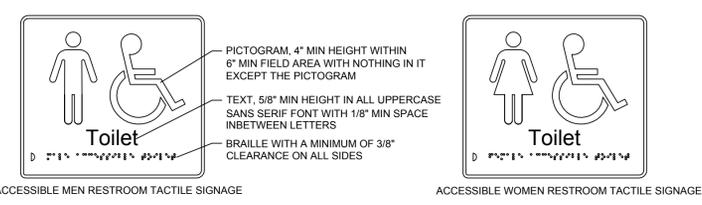
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SHEET
L-S-1



NEW LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

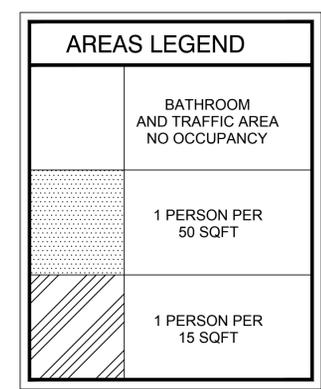
- GENERAL NOTES:**
- ALL DOORS IN THE MEANS OF EGRESS SHALL BE SINGLE ACTION RELEASE AND SHALL NOT REQUIRE THE USE OF A KEY, TOOL OR SPECIAL KNOWLEDGE.
 - OWNER TO PROVIDE A SIGN AT THE MAIN ENTRANCE STATING: "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".
 - NUMERICAL ADDRESS WILL BE PROVIDED ON ALL EXTERIOR DOORS WITH 6" NUMBERS, WATERPROOF, AND CONTRASTING COLORS.
 - FIRE EXTINGUISHER SHALL NOT EXCEED 50' TRAVEL DISTANCE AND THEY WILL BE CURRENTLY TAGGED BY A LICENSED FIRE EQUIPMENT COMPANY.
 - PLACE MAX. OCCUPANCY SIGN IN OBVIOUS PLACE
 - FLORIDA FIRE PREVENTION CODE (FFPC) 7TH EDITION, EFFECTIVE DECEMBER 31, 2017 WITH BROWARD COUNTY AMENDMENTS, WHICH INCLUDES NFPA 101, 2018 EDITION & STATE STATUES, 2020 EDITION.
 - ALL INTERIOR FINISHES SHALL COMPLY WITH THE FOLLOWING CHAPTERS 13.3.3.3 AND SHALL BE CLASS A,B, OR C W/ OCC. LESS THAN 300 MINIMUM ILLUMINATION FOR FLOORS AND WALKING SURFACES SHALL TO BE TO VALUES OF AT LEAST 1 FT CANDLE, MEASURED AT THE FLOOR, PER 7.8.1.3
 - FLORIDA ACCESSIBILITY CODE 2020 7TH ADDITION



ADA SIGNAGE SCHEDULE

ITEM	QUANTITY	DESCRIPTION
[SG-1]	2	H.C. ACCESSABLE RESTROOM SIGN

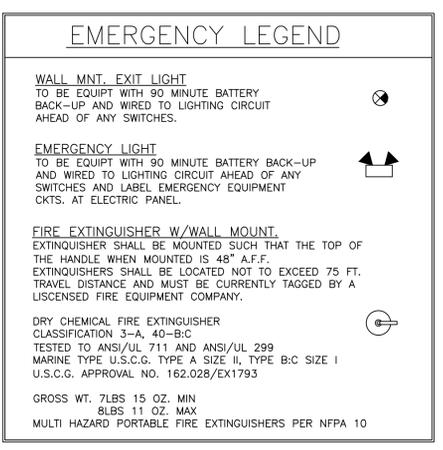
• ALL ADA WALL SIGNAGE SHALL BE MOUNTED CENTER OF SIGN @ 60" ABOVE FINISHED FLOOR.



OCCUPANT LOAD
POST SIGN THAT STATES MAX OCCUPANCY IS 10 PEOPLE

OCCUPANT INFORMATION
TAKEN FROM LIFE SAFETY CODE 2023 8th edition

AREA	S.F.	LOAD FACTOR	PEOPLE
RESTROOM	N/A	N/A	N/A
OFFICE #1	70	50	1
OFFICE #2	70	50	1
OFFICE #3	72	50	1
RECEPTION	163	15	10
PROCEDURE ROOM#1	74	50	1
PROCEDURE ROOM#2	74	50	1
PROCEDURE ROOM#3	76	50	1
PROCEDURE ROOM#4	115	50	2
PROCEDURE ROOM#5	115	50	2
PROCEDURE ROOM#6	115	50	2
PROCEDURE ROOM#7	115	50	2
TOTAL			20 PEOPLE



LIFE SAFETY INFORMATION- EDUCATIONAL

14.2.6 TRAVEL DISTANCE SHALL NOT EXCEED 150 FEET

14.2.5.2.2 DEAD END CORRIDORS SHALL NOT EXCEED 20 FEET

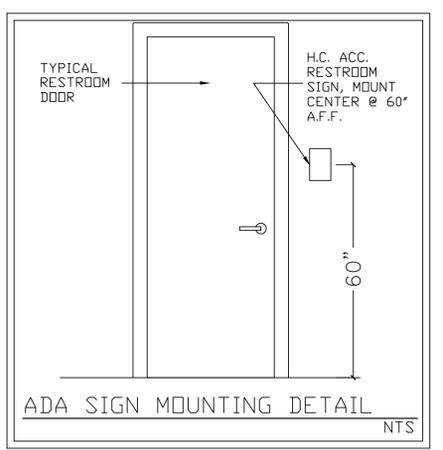
14.2.5.2.2 COMMON PATH OF TRAVEL SHALL NOT EXCEED 75 FEET

FIRE SPRINKLERS

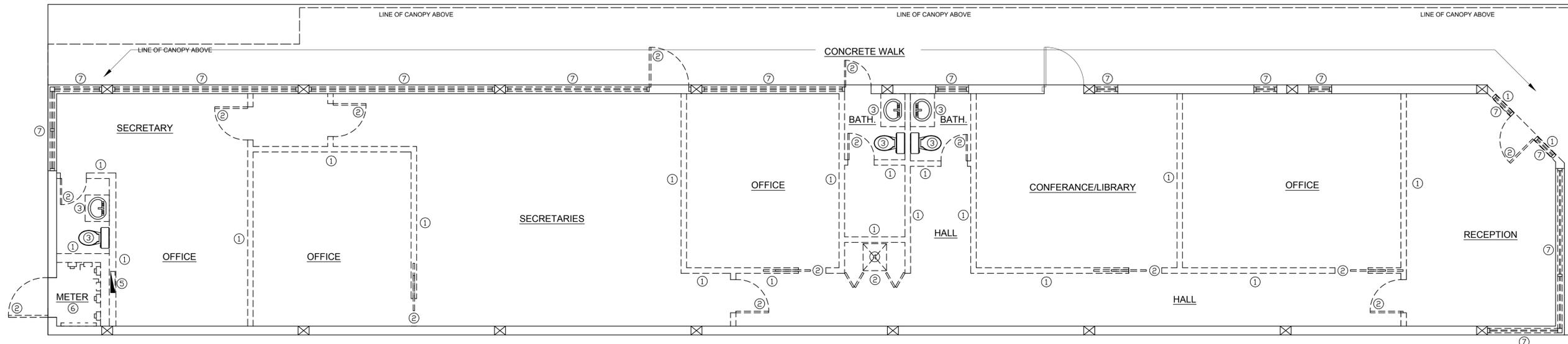
1. NO FIRE SPRINKLER INSTALLED

FIRE ALARM

1. NO FIRE ALARM INSTALLED



FBC 1008.1.8 AND 1008.1.9-PANIC AND FIRE EXIT HARDWARE. EACH DOOR IN A MEANS OF EGRESS FROM AN OCCUPANCY OF GROUP A OR E HAVING AN OCCUPANT LOAD OF 100 OR MORE AND ANY OCCUPANCY OF GROUP H-1, H-2, H-3, OR H-5 SHALL NOT BE PROVIDED WITH A LATCH OR LOCK UNLESS IT IS PANIC HARDWARE OR FIRE EXIT HARDWARE. IF BALANCED DOORS ARE USED AND PANIC HARDWARE IS REQUIRED, THE PANIC HARDWARE SHALL BE THE PUSH-PAD TYPE AND THE PAD SHALL NOT EXTEND MORE THAN 1 HALF THE WIDTH OF THE DOOR MEASURED FROM THE LATCH SIDE.



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

DEMOLITION GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL IN THE WORK OF ALL TRADES , PERFORM ANY AND ALL CUTTING AND PATCHING NECESSARY TO COMPLETE THE WORK AND SHALL PROTECT THE EXISTING BUILDING FROM DAMAGE CAUSED BY THE WORK. THE GENERAL CONTRACTOR SHALL REPAIR AND RESTORE SATISFACTION OF THE OWNER AND THE ARCHITECT.
2. THE GENERAL CONTRACTOR SHALL NOT DISRUPT EXISTING SERVICES, OPERATIONS, OR UTILITIES WITHOUT OBTAINING OWNER'S PRIOR APPROVAL AND INSTRUCTIONS IN EACH CASE.
3. THE GENERAL CONTRACTOR SHALL COORDINATE DEMOLITION AND CONSTRUCTION TO REMAIN, SO AS TO PROVIDE THE BEST POSSIBLE STRUCTURAL START POINT FOR THE NEW WORK TO BEGIN.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF LOCAL CODES.
5. THE GENERAL CONTRACTOR SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR THE VERIFICATION OF ALL ELEVATIONS, CONDITIONS, AND DIMENSIONS PRIOR TO COMMENCING DEMOLITION & CONSTRUCTION.
6. ANY CONFLICTS OR OMISSIONS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR GENERAL NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AND BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
7. THE GENERAL CONTRACTORS SHALL COORDINATE AND VERIFY WITH ALL SUBCONTRACTORS THE SIZE AND LOCATION OF ALL PIPING, DUCTWORK, TRENCHES, SLEEVES, SPECIAL BOLTING, ETC.
8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS FOR DEMOLITION. THE CONTRACTOR SHALL INFORM THE ARCHITECT OF ANY CONDITIONS THAT WOULD AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING PRIOR TO PROCEEDING WITH DEMOLITION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING ALL FINISH SURFACES CLEAN AT COMPLETION OF THE WORK AND SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS FROM THE JOB REGULARLY.
10. JOB SITE MEASUREMENTS ARE THE FULL RESPONSIBILITY OF THE CONTRACTOR AND/OR SUBCONTRACTOR AND MUST BE TAKEN FOR ALL ITEMS BY ALL SUBCONTRACTORS PRIOR TO FABRICATION.
11. GENERAL CONTRACTOR RESPONSIBLE FOR INSTALLING SOLID BLOCKING BEHIND ALL SHELVING, CABINETS, ETC., OR EQUIPMENT REQUIRING BACKING.
12. ALL SALVAGE RIGHTS BELONG TO BUILDING OWNER.
13. DO NOT SCALE DRAWINGS.
14. ALL DEMOLISHED PORTIONS OF THIS BUILDING MUST BE REBUILT PER PLANS TO NEW CODES AND STANDARDS, OR IF BEING REPAIRED MUST BE RESTORED TO NEW OR OLD FUNCTION AND OR AESTHETIC LOOK, TO ALL APPLICABLE CODES, INCLUDING, BUT NOT LIMITED TO SUCH THINGS
WHEN IN DOUBT CALL THE ARCHITECT .
15. SHORE AS REQUIRED

NOTE:
IT IS THE CONTRACTORS RESPONSIBILITY TO BE THOROUGHLY FAMILIAR WITH ALL ARCHITECTURAL & STRUCTURAL PLANS IN THIS SET PRIOR TO BEGINNING ANY DEMOLITION.
FOR ANY CLARIFICATION OR QUESTIONS CONCERNING THE PROJECT, CALL ARCHITECT PRIOR TO PROCEEDING.

DEMOLITION LEGEND	
EXISTING TO REMAIN	=====
EXISTING TO BE REMOVED	-----

DEMOLITION NOTES	
①	REMOVE INTERIOR WALLS PER PLAN.
②	REMOVE DOORS PER PLAN.
③	REMOVE PLUMBING FIXTURES PER PLAN.
④	REMOVE AHU PER PLAN.
⑤	REMOVE ELEC. PANEL PER PLAN.
⑥	REMOVE SHELTERS IN MECH. ROOM PER PLAN.
⑦	REMOVE WINDOWS PER PLAN.

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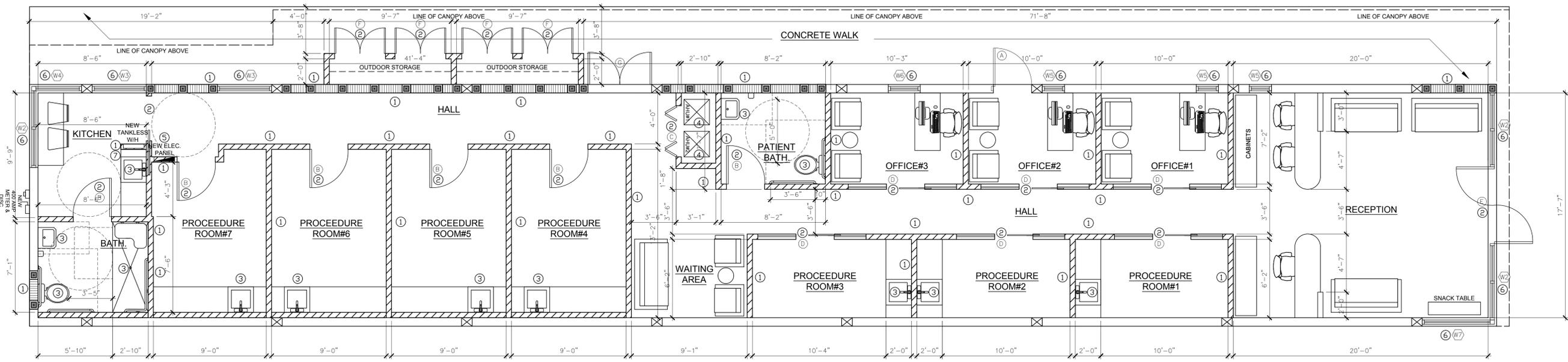


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SHEET
A-2.1



CONSTRUCTION NOTES:

- NOTIFY ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES WITH PLANS IN RELATION TO EXISTING FIELD CONDITIONS.
- CONSULTANTS DRAWINGS ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS CHECK WITH ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING/INSTALLATION OF ANY MECHANICAL, PLUMBING, AND ELECTRICAL WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND THE CONSULTING ENGINEERS DRAWINGS SHALL BE BROUGHT TO THE DESIGNERS ATTENTION FOR IMMEDIATE CLARIFICATION.
- ALL DIMENSIONS ARE TO FACE OF FINISHED MATERIAL (GYP.BD., LAMINATE, ETC.) UNLESS OTHERWISE NOTED. USE WRITTEN DIMENSIONS DO NOT SCALE DRAWINGS.
- EXISTING DEMISING WALLS ARE TO REMAIN AND MUST REMAIN ONE HOUR RATED AS PER U465. G.C. TO REPAIR DEMISING WALLS AFTER DEMOLITION TO SATISFY FIRE RATINGS.
- ALL GYP.BD TO BE 5/8" TYPE "X", UNLESS OTHERWISE NOTED.
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
- THE GENERAL CONTRACTOR SHALL PAY ALL FEES, LICENSES, PERMITS, AND INSPECTIONS REQUIRED FOR PROPER EXECUTION OF THE WORK.
- THE GENERAL CONTRACTOR SHALL PERSONALLY SUPERVISE AND DIRECT THE WORK. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION AND/OR INSTALLATION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK.
- CUTTING AND PATCHING: WHERE EXISTING CONDITIONS ARE CUT OR DISTURBED TO PERMIT NEW CONSTRUCTION AND/OR INSTALLATION, MATCH AND PATCH EXISTING DISTURBED CONSTRUCTION/FINISH.
- ALL INTERIOR AND STOREFRONT CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES IN PLACE IN THE LOCATION OF THE WORK.
- UNLESS NOTED OTHERWISE, THE SUBCONTRACTORS SHALL PROVIDE AND PAY ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, TRANSPORTATION, PERMITS AND OTHER SERVICES AND FACILITIES NECESSARY FOR PROPER AND TIMELY EXECUTION OF THE WORK.
- THE SUBCONTRACTOR WARRANTS TO THE OWNER AND TO THE ARCHITECT THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT ARE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORKS WILL BE AS SPECIFIED AND FREE OF DEFECTS.
- THE SUBCONTRACTORS SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF WRITTEN SUBSTANTIAL COMPLETION.
- ALL WORK SHALL BE EXECUTED IN A MANNER ACCEPTABLE TO THE LANDLORD.
- APPROVED FIRE EXTINGUISHERS SHALL BE LOCATED AS REQUIRED BY CODE.
- ALL BLOCKING INSIDE WALLS TO BE FIRE RETARDANT TREATED OR NON COMBUSTIBLE
- ALL PIPING UNDER SLAB TO BE PROTECTED, INSULATED, AND/OR HEAT TAPED AS REQ'D. BY CODE
- ONE HOUR FIRE RATED CONSTRUCTION MUST BE MAINTAINED AT ALL PARTY WALLS AND STOREFRONTS.

GENERAL NOTES

- ALL NATIONAL, STATE AND LOCAL CODES SHALL APPLY.
- ALL DIMENSIONS AND SYMBOLS ON THESE PLANS ARE BASED ON FINISHED WALL AND FLOOR DIMENSIONS. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL OR INTENDED CONDITIONS IN THE FIELD SHOULD BE REPORTED TO THE GENERAL COMPANIES IMMEDIATELY.

WALL TYPES:

- WT-1** NEW INTERIOR PARTITION, ONE LAYER 5/8" TYPE "X" FIRE CODE G.W.B. AT EXPOSED SIDES OF 3-5/8" MTL. STUDS, 20 GA. @ 16" O.C. TO HDR ABOVE. GYP. BD. AND FIRE TAPE ALL WALLS TO STRUCTURE ABOVE. SEAL ALL PENETRATIONS. FINISH WALLS PER FINISH SCHEDULE & ELEVATIONS. SEE DETAIL 2 SHEET A4.1
- WT-2** EXISTING TENANT SEPARATION PARTITION. VERIFY THAT ONE LAYER 5/8" TYPE "X" FIRE CODE G.W.B. IS CONTINUOUS. PATCH OR REPAIR AS NECESSARY AT TENANTS SIDE ONLY. REPAIR OR FIRECAULK AS NEEDED. SEE DETAIL 1 SHEET A4.1
- WT-3** EXISTING PARTITION TO REMAIN. PATCH OR REPAIR AS NECESSARY. FINISH PER FINISH SCHEDULE OR MATCH EXISTING.

- DIMENSIONS AND REQUIREMENTS FOR ALL EXISTING EQUIPMENT PROVIDED BY OTHERS MUST BE VERIFIED.
- PROVIDE COVED BASES AT ALL VERTICAL INTERSECTIONS OF FLOORS IN KITCHEN AND STORAGE AREAS.
- SUPPLY FANS TO BE LOCATED A MINIMUM OF 10'-0" FROM ANY AIR INLET OR OUTLET ON THE ROOF SUCH AS EXHAUST FANS, VENT STACKS, AIR CONDITIONERS, REFRIGERATION COMPRESSORS, ETC.
- ALL INFORMATION PROVIDED FOR HOOD SYSTEMS PERTAINING TO QUANTITY, SIZE AND LOCATION OF EXHAUST AND SUPPLY DUCT COLLARS, CFM RATINGS AND STATIC PRESSURE MUST BE CONFIRMED WITH THE MANUFACTURER'S APPROVED SHOP DRAWINGS.
- PROVIDE THE GENERAL COMPANIES WITH ALL FOUR-WAY REGISTER LOCATIONS IN THE KITCHEN AREA FOR COORDINATION WITH THE EXHAUST HOOD. FOUR-WAY REGISTER LOCATIONS MAY AFFECT HOOD PERFORMANCE. HVAC REGISTERS MAY AFFECT THE PERFORMANCE OF EXHAUST HOODS, HEAT LAMPS AND OTHER EQUIPMENT. LOCATIONS OF THESE REGISTERS SHOULD BE COORDINATED WITH THE MANUFACTURER.
- BOTTOM OF HOODS ARE TO MOUNTED AT 6'-6" ABOVE FINISHED FLOOR, UNLESS OTHERWISE SPECIFIED BY LOCAL CODES.
- RECOMMENDED CEILING HEIGHTS ARE LISTED BELOW. CONTACT GENERAL COMPANIES IMMEDIATELY IF MINIMUM HEIGHTS ARE LESS THAN THOSE INDICATED:
 - a. KITCHEN AREAS WITH EXHAUST HOODS: 8'-6"
 - b. KITCHEN AREAS WITH WALK-IN COOLERS/FREEZERS: 9'-6"
 - c. KITCHEN AREAS WITH ICE MACHINES &/OR COMPRESSORS: 9'-0"
 - d. GENERAL KITCHEN AREAS: 8'-0"
- GENERAL CONTRACTOR TO PROVIDE 3/4" PLYWOOD WALL BACKING ON ALL WALLS FROM 24" A.F.F. TO 86" A.F.F. FOR ALL WALL MOUNTED EQUIPMENT. LOCATION TO BE COORDINATED MANUFACTURER'S SHOP DRAWINGS AND SPECIFICATION SHEETS.

NOTE:

PROVIDE WATERPROOF MEMBRANE IN ALL AREAS PERIMETER WALLS WHERE WATER IS USED. DEMO PERIMETER TILE IF NECESSARY

VERTICAL EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS	ROOMS AND ENCLOSED SPACES
CLASS A	CLASS B	CLASS C

FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

FINISHING SCHEDULE

AREA	FLOOR	WALL	CEILING
RECEPTION	NEW NON-SLIP PORCELAIN TILE	NEW PAINTING ON DRYWALL	NEW DROP CEILING
PROCEEDURE ROOMS	NEW NON-SLIP PORCELAIN TILE	NEW PAINTING ON DRYWALL	NEW DROP CEILING
BATHROOMS	NEW NON-SLIP PORCELAIN TILE	NEW PORCELAIN TILE	NEW DROP CEILING
KITCHEN	NEW NON-SLIP PORCELAIN TILE	NEW PAINTING ON DRYWALL	NEW DROP CEILING
OFFICES	NEW NON-SLIP PORCELAIN TILE	NEW PAINTING ON DRYWALL	NEW DROP CEILING
HALL	NEW NON-SLIP PORCELAIN TILE	NEW PAINTING ON DRYWALL	NEW DROP CEILING

WINDOW SCHEDULE

MARK	SIZE CODE	DESCRIPTION	DIMENSION (W x H)	FRAME		GLAZING			REMARKS
				MATERIAL	FINISH	THICK	U-VALUE	SHADE	
(W1)	---	STOREFRONT GLASS							IMPACT RESISTANT
(W2)	---	STOREFRONT GLASS	6'-0" x 8'-0"						IMPACT RESISTANT
(W3)	---	STOREFRONT GLASS	4'-0" x 8'-0"						IMPACT RESISTANT
(W4)	---	STOREFRONT GLASS	3'-7" x 8'-0"						IMPACT RESISTANT
(W5)	---	STOREFRONT GLASS	1'-9" x 8'-0"						IMPACT RESISTANT
(W6)	---	STOREFRONT GLASS	2'-6" x 8'-0"						IMPACT RESISTANT
(W7)	---	STOREFRONT GLASS	5'-4" x 8'-0"						IMPACT RESISTANT

DOOR SCHEDULE

NO.	SIZE			TYPE	MATERIAL	FINISH	THRESHOLD	JAMB	REMARKS
	WIDTH	HGT.	THICK						
(A)	--	--	--	EXISTING STOREFRONT	GLASS	--	--	MTL.	EXISTING TO REMAIN
(B)	3'-0"	6'-8"	1-3/8"	HC DOOR	WOOD	PAINTED	--	WOOD	HARDWARE GROUP 2
(C)	(2)2'-0"	6'-8"	1-3/8"	BIFOLD DOOR	WOOD	PAINTED	--	WOOD	LOUVERED DOOR HARDWARE GROUP 2
(D)	3'-0"	6'-8"	---	SLIDING GLASS DOOR W/SIDEHIGHTS	WOOD/GLASS	PAINTED	--	MTL.	TEMPERED SAFETY GLASS
(E)	(2)3'-0"	6'-8"	1-3/4"	DOUBLE GLASS DOOR	MTL.	PAINTED	--	MTL.	HARDWARE GROUP 1
(F)	(2)2'-0"	6'-8"	1-3/4"	EXTERIOR FRENCH DOOR	MTL.	PAINTED	--	MTL.	IMPACT RESISTANT
(G)	(2)2'-6"	6'-8"	1-3/4"	EXTERIOR FRENCH DOOR	MTL.	PAINTED	--	MTL.	IMPACT RESISTANT HARDWARE GROUP 1

DOOR HARDWARE GROUP #1

LATCHSET
ADVANTEX 10 SERIES OR EQUAL RIM TYPE PANIC DEVICE PROVIDE DBL. KEYED LOCK

CLOSER
NORTON 1600 SERIES OR EQUAL - PUSH SIDE

CONTRACTOR MUST VERIFY FINAL HARDWARE SELECTION WITH OWNER PRIOR TO INSTALLATION. ALL DOOR HARDWARE AND OPERATING MECHANISMS MUST MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL OTHER LOCAL AND STATE CODES.

DOOR HARDWARE GROUP #2

LEVER TYPE HARDWARE

CLOSER
NORTON 1600 SERIES OR EQUAL - PUSH SIDE

CONTRACTOR MUST VERIFY FINAL HARDWARE SELECTION WITH OWNER PRIOR TO INSTALLATION. ALL DOOR HARDWARE AND OPERATING MECHANISMS MUST MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL OTHER LOCAL AND STATE CODES.

NEW FLOOR PLAN

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

SCOPE OF WORK

- ① NEW INTERIOR WALLS PER PLAN.
- ② NEW DOORS PER PLAN.
- ③ NEW PLUMBING FIXTURES PER PLAN.
- ④ NEW AHU PER PLAN.
- ⑤ NEW ELEC. PANEL PER PLAN.
- ⑥ NEW STOREFRONT WINDOWS PER PLAN.
- ⑦ NEW TANKLESS W/H PER PLAN.
- ⑧ NEW DRYWALL CEILINGS EVERYWHERE.

REVISIONS		
REF.	DATE	BY

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ARCHITECT ONE
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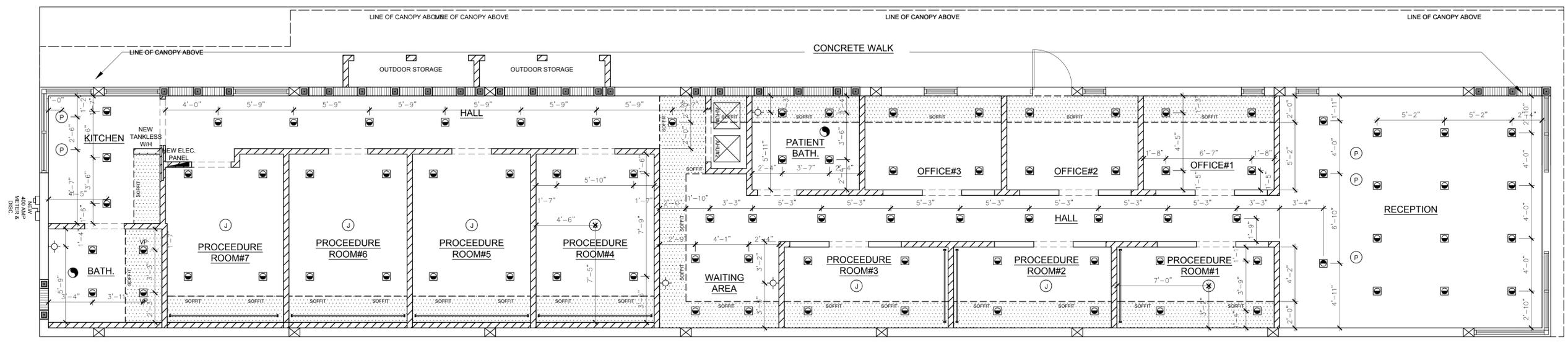


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NEW REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE											
TYPE	SYMBOL	MOUNTED	DESCRIPTION			TYPE	SYMBOL	MOUNTED	DESCRIPTION		
			MANUFACTURER	CATALOG NO.	REMARKS				MANUFACTURER	CATALOG NO.	REMARKS
L1		RECESSED	G.E.	SELECTED BY OWNER	RECESSED "HI-HAT" LIGHTING SELECTED BY OWNER	L7		SURFACE	--	SELECTED BY OWNER	INCANDESCENT ROPE LIGHTING PROVIDE 120V RECEPPTS AS NEEDED
L2		RECESSED	G.E.	SELECTED BY OWNER	MINI "HI-HAT" LIGHTING IN CABINETS SELECTED BY OWNER	L8		WALL MOUNTED	--	SELECTED BY OWNER	WALL-MOUNTED INCANDESCENT LIGHTING FIXTURE
L3		SUSP. GRID	G.E.		24"x24" GRID MOUNTED FLORESCENT FIXTURE W/ACRYLIC LENS & (4) 32 WATT, T-8 BULBS	EM1		SURFACE	JUNO	JUNO EL27-WH	SURFACE MOUNT EMERGENCY LIGHT (OPTIONAL COMBO LIGHT W/EXIST SIGN)
L4		SUSP. GRID	G.E.	LITHONIA #26T-3-32-A12-120 OR EQUAL	24"x48" GRID MOUNTED FLORESCENT FIXTURE W/ACRYLIC LENS & (4) 32 WATT, T-8 BULBS	EM2		SURFACE	JUNO	JUNO EXR50WH	SINGLE FACE EXIT SIGN WITH BATTERY BACKUP (OPTIONAL COMBO LIGHT W/EXIST SIGN)
L5		JUNCTION BOX	--	SELECTED BY OWNER	(NOT USED)	SP1		FLUSH	--	SELECTED BY OWNER	FLUSH MOUNT SPEAKER PROVIDE LOW VOLTAGE WIRING TO CONTROL UNIT PER OWNER
L6		SUSP. PENDANT	--	SELECTED BY OWNER	SUSPENDED PENDANT LIGHTING SELECTED BY OWNER			SURFACE		SELECTED BY OWNER	LED TRACK LIGHT WITH SPOT LIGHTS CHOSEN BY OWNER

REFLECTED CEILING LEGEND	
SYMBOL	DESCRIPTION
	NEW A/C SOFFIT HIDING ABOVE HEIGHT: CONTRACTOR TO V.I.F. PAINT COLOR: CHOSEN BY OWNER
	NEW GYPSUM BOARD CEILING HEIGHT: 8'-0" AFF PAINT COLOR: CHOSEN BY OWNER

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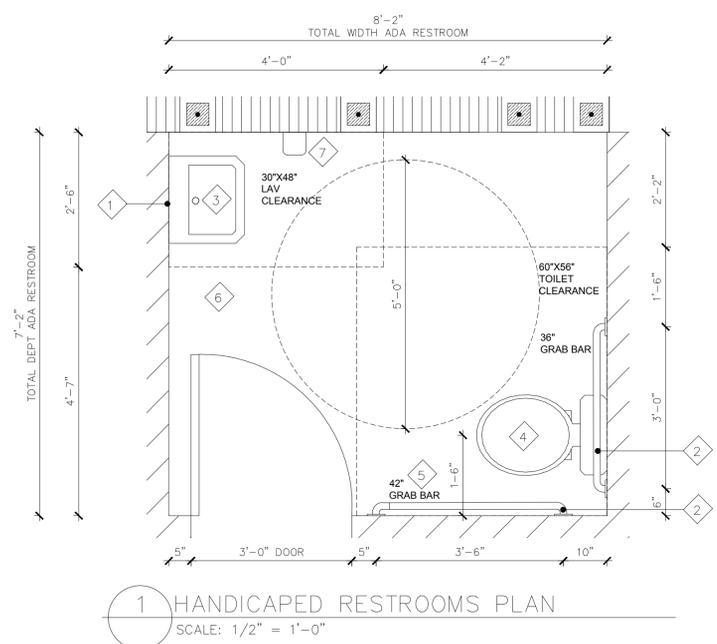
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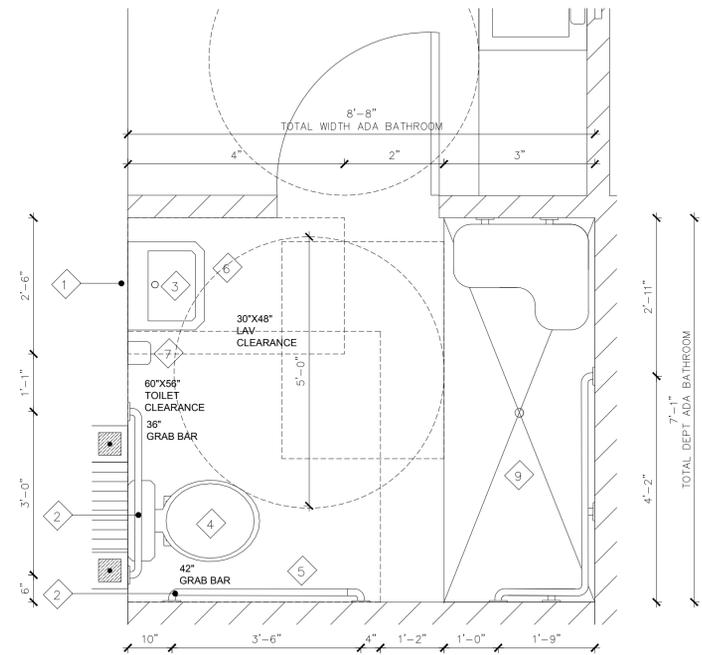
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DESIGN	CWF
DESIGN DWG	0
WORKING DWG	0
BID REVIEW	0
PERMIT REVIEW	0
ISSUE DATE	08-22-2025
SCALE	AS NOTED
JOB NO.	0

SHEET
A-4.2



1 HANDICAPPED RESTROOMS PLAN
SCALE: 1/2" = 1'-0"



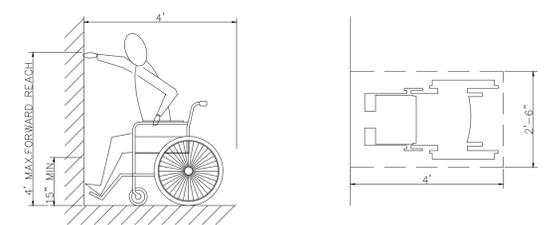
2 HANDICAPPED RESTROOMS PLAN
SCALE: 1/2" = 1'-0"

TOILET FIXTURE SPECIFICATIONS:

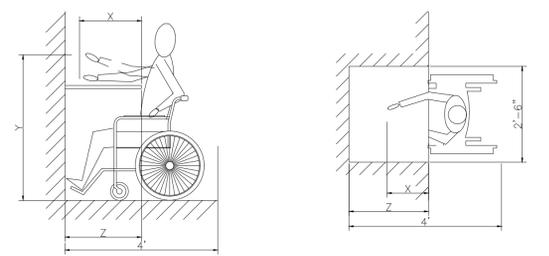
- 1 TILT MIRROR:
24" x 36" MIRROR. BOTTOM OF MIRROR SHALL NOT EXCEED 40" A.F.F.
- 2 GRAB BAR:
GRAB BAR DIAMETER SHALL BE 1-1/2". SPACE BETWEEN WALL AND GRAB BAR SHALL BE 1-1/2". GRAB BAR BEHIND WATER CLOSET SHALL BE 36" AND 42" FOR SIDE GRAB BAR. GRAB BAR HT.: 33" A.F.F. (5806x36, 65806x42)
- 3 LAVATORY:
LAVATORY SHALL BE MOUNTED WITH RIM OR COUNTER SURFACE NO HIGHER THAN 34" A.F.F. PROVIDE 29" A.F.F. CLEARANCE TO BOTTOM OF APRON.
FAUCET:
SHALL COMPLY WITH 4.27.4. LEVER-OPERATED OR PUSH TYPE THE FORCE REQUIRED TO TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 lbf.
- 4 WATER CLOSET (HANDICAP ACCESSIBLE)
- 5 TOILET PAPER DISPENSER (B-265)
- 6 PAPER TOWEL HOLDER (B-35905)
- 7 SOAP DISPENSER
"MOEN CSI #R120CH", OR EQUAL.
- 8 DRINKING FOUNTAIN
ELKAY EBF SA-4, OR EQUIVALENT.
- 9 SHOWER (HANDICAPED ACCESSIBLE)

NOTE:
CONTRACTOR IS TO SUBMIT SHOP DRAWINGS
AND RECEIVE APPROVAL OF SUBMISSION
PRIOR TO PLACING ORDERS

ANY EXTERIOR ADA PARKING AND PARKING ISLE CANNOT BE SLOPED MORE THAN 2% MAX



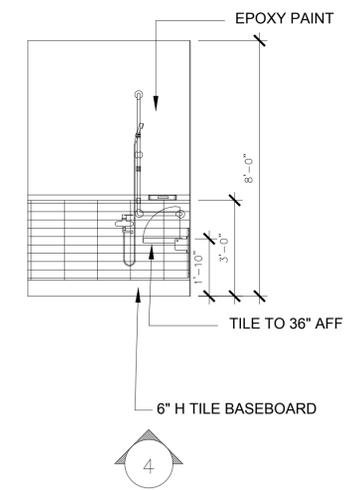
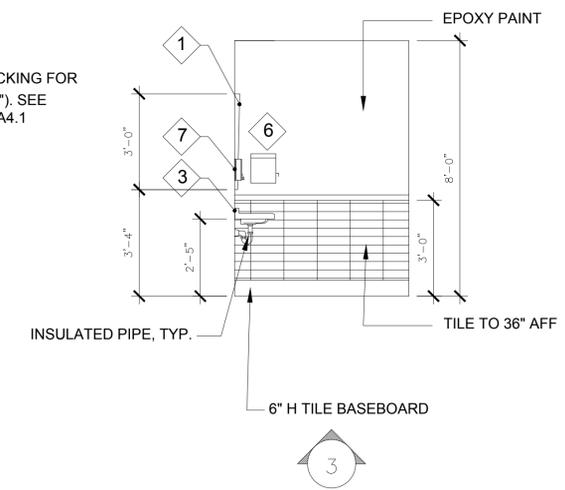
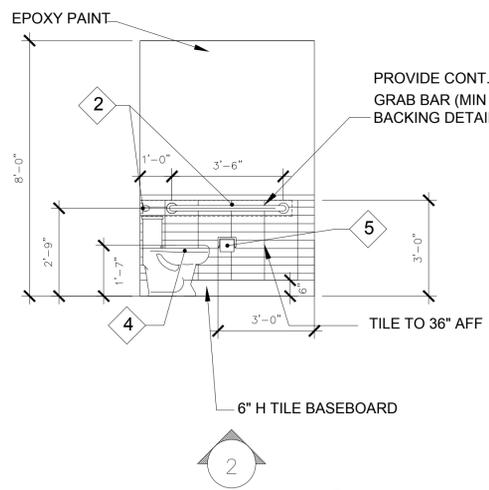
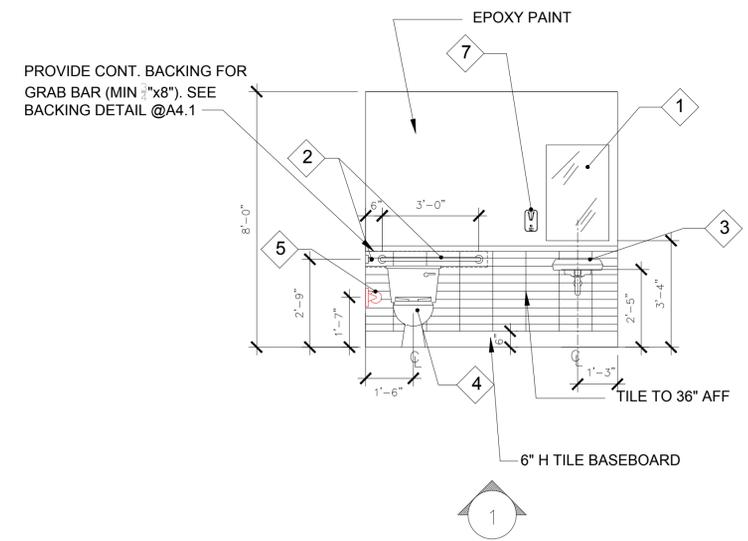
(a) HIGH FORWARD REACH LIMIT



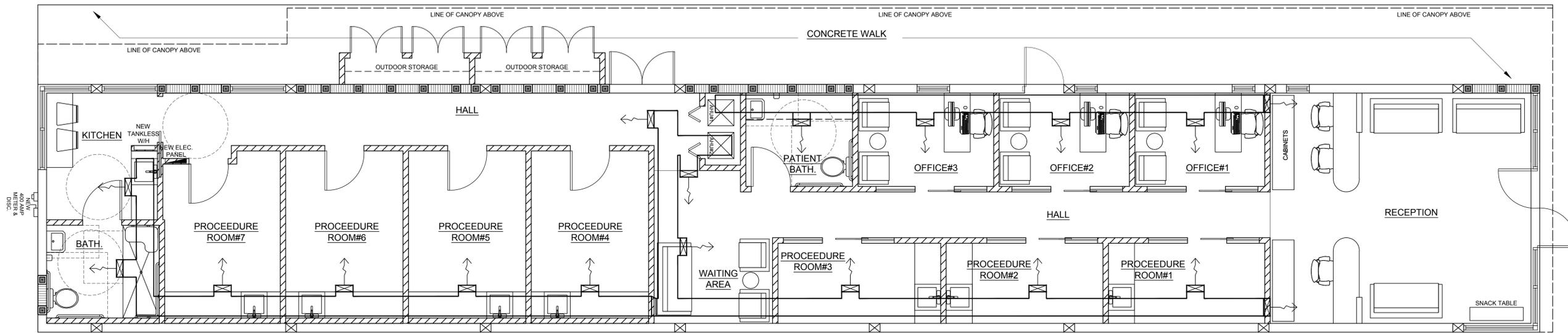
(b) MAXIMUM FORWARD REACH OVER AN OBSTRUCTION

NOTE: X SHALL BE < 25 IN.; Z SHALL BE > X.
WHEN X < 20 IN. THEN Y SHALL BE 48 IN. MAX. WHEN X IS
20 TO 25 INC. THEN Y SHALL BE 44 INC

3 FORWARD REACH DETAIL
SCALE: NTS



2 HANDICAPPED RESTROOM DETAILS
SCALE: 1-1/2" = 1'-0"



NEW MECHANICAL PLAN

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

NOTE: ALL SIDE REGISTERS

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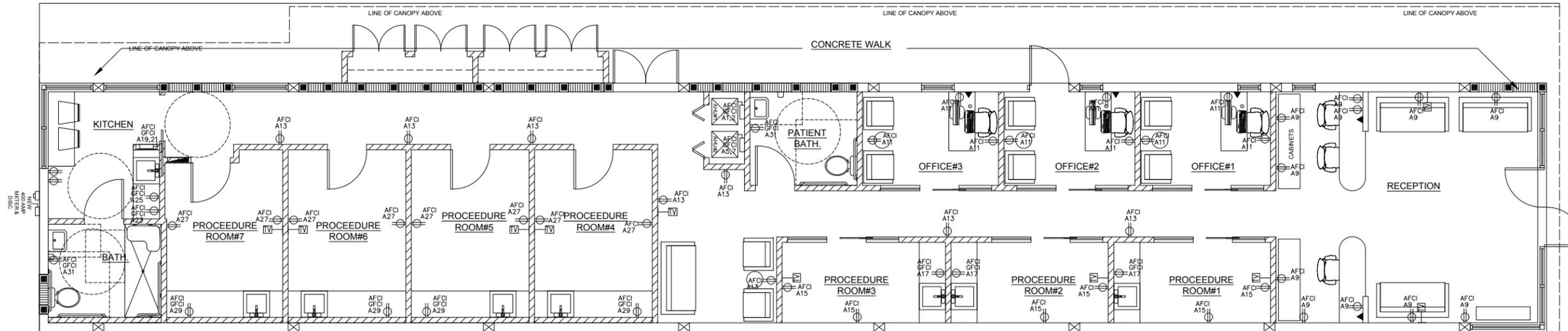
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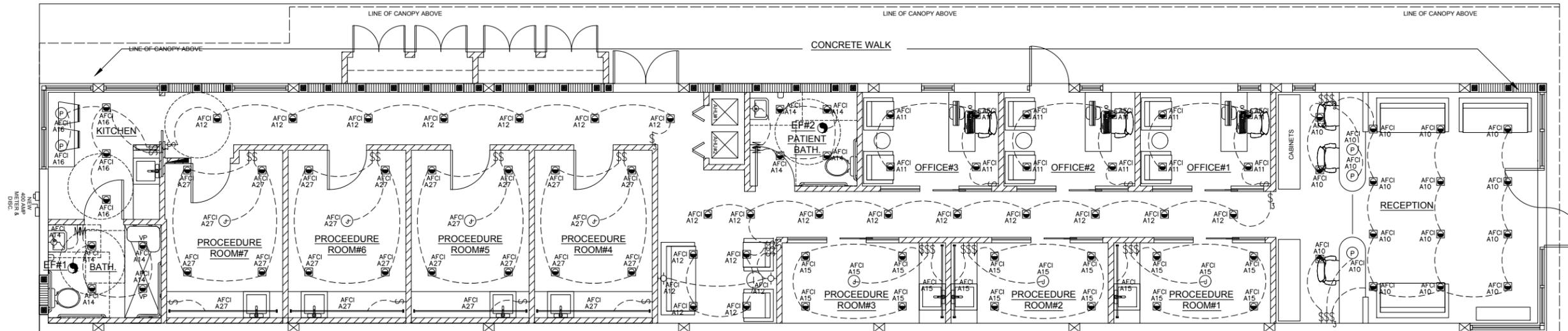
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DESIGN DWG	0
WORKING DWG	0
BID REVIEW	0
PERMIT REVIEW	0
ISSUE DATE	08-22-2025
SCALE	AS NOTED
JOB NO.	0

SHEET
M-2•0

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



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



LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	MOUNTED	MANUFACTURER	CATALOG NO.	REMARKS	TYPE	SYMBOL	MOUNTED	MANUFACTURER	CATALOG NO.	REMARKS
L1	☐	RECESSED	G.E.	SELECTED BY OWNER	RECESSED "HI-HAT" LIGHTING SELECTED BY OWNER	L7	—	SURFACE	---	SELECTED BY OWNER	INCANDESCENT ROPE LIGHTING PROVIDE 120V RECEPTS AS NEEDED
L2	☐	RECESSED	G.E.	SELECTED BY OWNER	MINI "HI-HAT" LIGHTING IN CABINETS SELECTED BY OWNER	L8	⊙	WALL MOUNTED	---	SELECTED BY OWNER	WALL-MOUNTED INCANDESCENT LIGHTING FIXTURE
L3	☐	SUSP. GRID	G.E.		24"x24" GRID MOUNTED FLORESCENT FIXTURE W/ACRYLIC LENS & (4) 32 WATT. T-8 BULBS	EM1	⊕	SURFACE	JUNO	JUNO EL27-WH	SURFACE MOUNT EMERGENCY LIGHT (OPTIONAL COMBO LIGHT W/EXIST SIGN)
L4	☐	SUSP. GRID	G.E.	LITHONIA #261-3-32-A12-120 OR EQUAL	24"x48" GRID MOUNTED FLORESCENT FIXTURE W/ACRYLIC LENS & (4) 32 WATT. T-8 BULBS	EM2	⊗	SURFACE	JUNO	JUNO EXRS0WH	SINGLE FACE EXIT SIGN WITH BATTERY BACKUP (OPTIONAL COMBO LIGHT W/EXIST SIGN)
L5	⊙	JUNCTION BOX	---	SELECTED BY OWNER	(NOT USED)	SP1	⊕	FLUSH	---	SELECTED BY OWNER	FLUSH MOUNT SPEAKER PROVIDE LOW VOLTAGE WIRING TO CONTROL UNIT PER OWNER
L6	⊙	SUSP. PENDANT	---	SELECTED BY OWNER	SUSPENDED PENDANT LIGHTING SELECTED BY OWNER		—	SURFACE	---	SELECTED BY OWNER	LED TRACK LIGHT WITH SPOT LIGHTS CHOSEN BY OWNER

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊕	SINGLE SWITCH @ +46" AFF	⊙	CABLE CAT 6 JACK
⊕	3-WAY SWITCH @ +46" AFF	⊕	TELEPHONE OUTLET
⊕	SINGLE RECEPTACLE	⊕	TV JACK
⊕	SINGLE RECEPT - UNDER COUNTER	⊕	ELEC. PANEL
⊕	DUPLEX RECEPTACLE 120V. -18" AFF UNLESS NOTED OTHERWISE	⊕	DISCONNECT
⊕	DUPLEX RECEPT - UNDER COUNTER	⊕	EXHAUST FAN (SEE HVAC PLANS)
⊕	QUAD PLEX RECEPTACLE		
GFCI ⊕	RECEPTACLE W/ GROUND FAULT CIRC. INTERRUPTER (WP=WATERPROOF)		
⊕	SINGLE RECEPT 208/230V		
⊕	M TYPE SWITCH		

ALL SYMBOLS MAY NOT BE APPLICABLE

BATHROOM VENTILATION REQUIREMENT CALCULATIONS :

EF#1
BATHROOM VOLUME = 61.2 X 8 = 489.6 CU. FT.
AT ONE AIR CHANGE EVERY 7.5 MINUTES
EXHAUST CFM = 489.6 / 7.5 = 65.3 CFM
REQUIRED BATHROOM EXHAUST = 65.3 CFM
WE WILL EXHAUST 70 CFM.

EF#2
BATHROOM VOLUME = 58.4 X 8 = 467.2 CU. FT.
AT ONE AIR CHANGE EVERY 7.5 MINUTES
EXHAUST CFM = 467.2 / 7.5 = 62.2 CFM
REQUIRED BATHROOM EXHAUST = 62.2 CFM
WE WILL EXHAUST 70 CFM.

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DESIGN	CWF
DESIGN DWG	0
WORKING DWG	0
BID REVIEW	0
PERMIT REVIEW	0
ISSUE DATE	08-22-2025
SCALE	AS NOTED
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E-2.0

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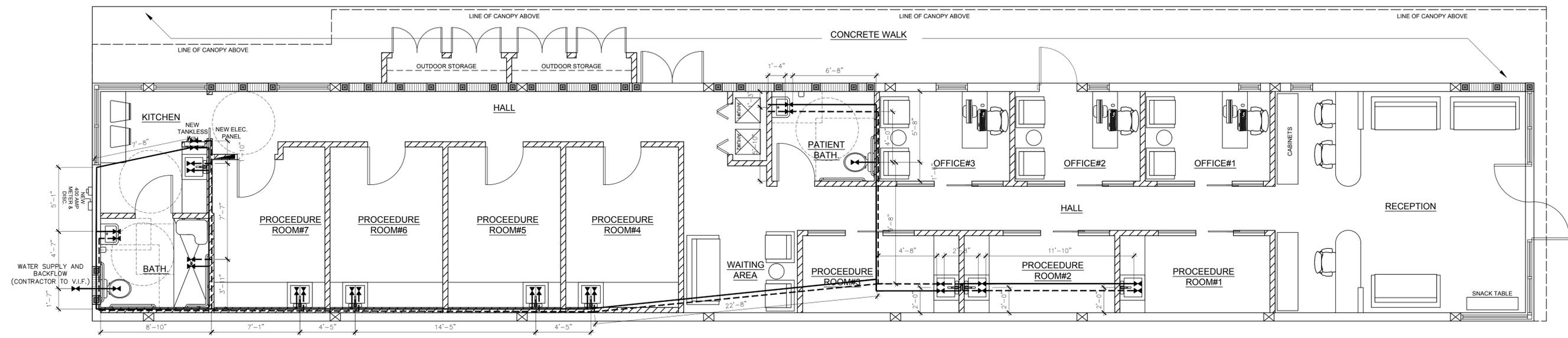
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DESIGN CWF
DESIGN DWG 0
WORKING DWG 0
BID REVIEW 0
PERMIT REVIEW 0
ISSUE DATE 08-22-2025
SCALE AS NOTED
JOB NO. 0

SHEET
P-1.0



PLUMBING SUPPLY PLAN
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION
THESE PLANS ARE FOR THE PUPOSE OF PRELIMINARY BID ONLY AND SHALL NOT BE USED FOR FINAL BID OR CONSTRUCTION DOCUMENTS. THE SCOPE AND/OR SPECIFICATIONS OF THE PROPOSED WORK HERIN ARE STILL IN DEVELOPEMENT.

GENERAL PLUMBING NOTES

PLUMBING FIXTURES SHALL COMPLY WITH (F.B.C. 2007 PLUMBING TABLE 604.4)

DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES, EQUIPMENT, ETC. THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS REQUIRED FOR A COMPLETE AND ACCEPTABLE WORKING INSTALLATION.

ALL WORK AND MATERIALS SHALL COMPLY WITH LATEST EDITIONS OF THE NATIONAL, STATE, AND ALL LOCAL CODES AND ORDINANCES HAVING JURISDICTION.

THE PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE PART OF THIS CONTRACT.

ALL MATERIALS SHALL BE NEW AND FREE OF NOTICEABLE DEFECTS.

ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR AND IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY THE ENGINEER/ARCHITECT AS SUCH.

ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.

VERIFY LOCATION, SIZE AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION. IMMEDIATELY ADVISE THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES.

PROVIDE A MINIMUM PITCH OF 1/8" FOR 3" OR LARGER PIPES, 1/4" PITCH FOR LESS THAN 3" PIPES.

PROVIDE A CLEANOUT AT THE BASE OF EACH SOIL AND WASTE STACK.

AN OPEN VENT TERMINAL FROM A DRAINAGE SYSTEM SHALL NOT BE LOCATED DIRECTLY BENEATH ANY DOOR, OPENABLE WINDOW, OR OTHER AIR INTAKE OPENING OF THE BUILDING OR OF AN ADJACENT BUILDING, AND ANY SUCH VENT TERMINAL SHALL NOT BE WITHIN 10 FEET HORIZONTALLY OF SUCH AN OPENING UNLESS IT IS AT LEAST 2 FEET ABOVE THE TOP OF SUCH OPENING. (F.B.C. 2007 PLUMBING 904.5)

PROVIDE 1/2" COLD WATER TRAP PRIMER FOR ALL DRAINS FROM THE NEAREST PLUMBING FIXTURE, WHERE APPLICABLE.

SHUTOFF VALVE SHALL BE INSTALLED ON THE WATER SUPPLY PIPE TO EACH APPLIANCE OR MECHANICAL EQUIPMENT AS PER (F.B.C. 2007 PLUMBING 606.2.3)

A WATER HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK - CLOSING VALVES ARE UTILIZED, UNLESS OTHERWISE APPROVED. THE ARRESTOR SHALL BE LOCATED WITHIN AN EFFECTIVE RANGE OF THE QUICK - CLOSING VALVE. ACCESS SHALL BE PROVIDED TO WATER HAMMER ARRESTORS.

NO HOT WATER WITH A TEMPERATURE HIGHER THAN 140° TO DISCHARGE INTO SANITARY.

THE DEVELOPED LENGTH OF HOT WATER PIPING FROM THE SOURCE OF HOT WATER SUPPLY TO THE FARTHEST FIXTURE SHALL BE LESS THAN 100 FT.

RESTROOMS SHALL COMPLY WITH (F.B.C. 2007 BUILDING SECTION 13-412.1.ABC.2.5.2)

THE HOT WATER SUPPLY TO ANY FIXTURE REQUIRING HOT WATER SHALL BE INSTALLED ON THE LEFT SIDE OF THE FIXTURE. (F.B.C. 2007 PLUMBING 607.4)

ALL INDIRECT WASTE PIPING SHALL DISCHARGE THROUGH AN AIR GAP OR AIR BREAK INTO A WASTE RECEPTOR OR STANDPIPE. WASTE RECEPTORS AND STANDPIPES SHALL BE TRAPPED AND VENTED AND SHALL CONNECT TO THE BUILDING DRAINAGE SYSTEM. ALL INDIRECT WASTE PIPING THAT EXCEEDS 2 FT IN DEVELOPED LENGTH MEASURED HORIZONTALLY, OR 4 FT IN TOTAL DEVELOPED LENGTH, SHALL BE TRAPPED. (F.B.C. 2007 PLUMBING 802.2)

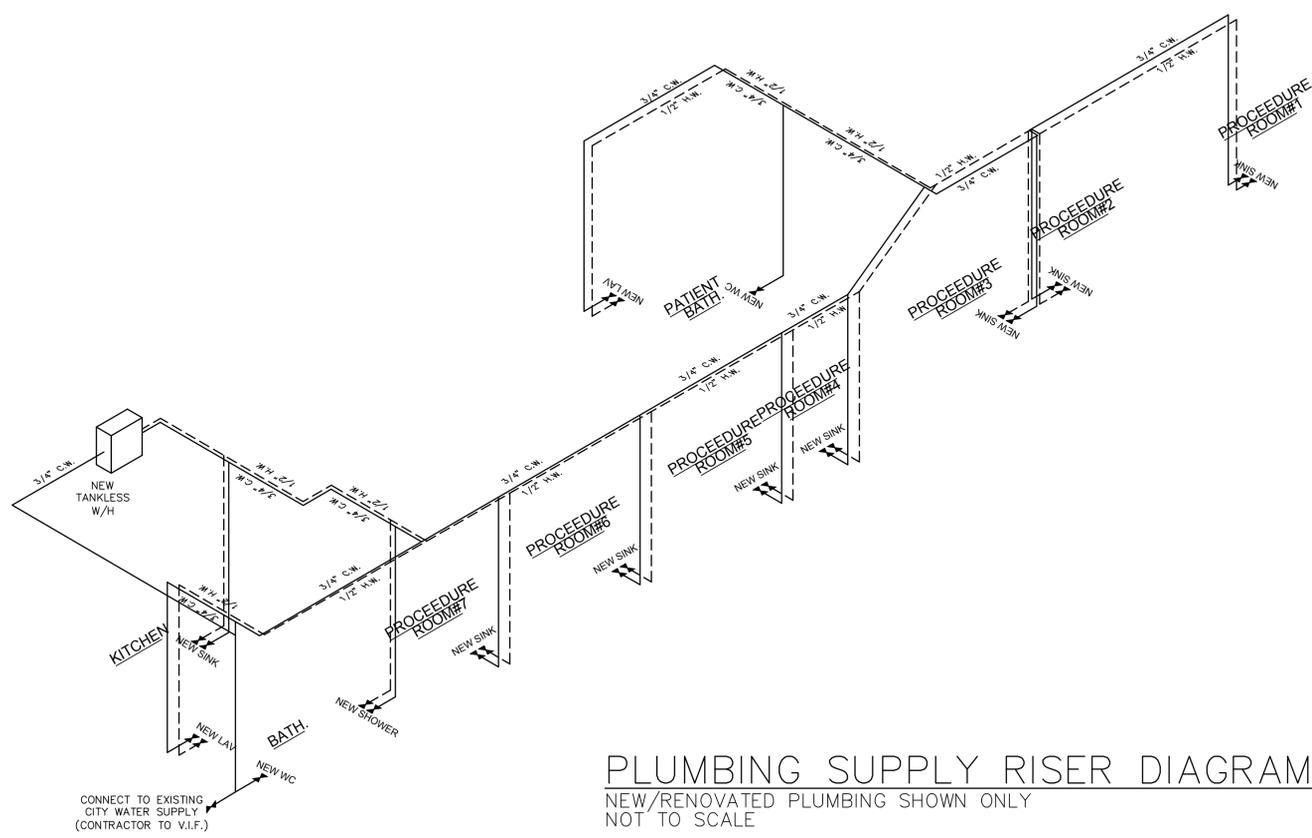
ALL DEVICES INTENDED TO SERVE SOME SPECIAL FUNCTION AND THAT CONNECT TO THE WATER SUPPLY SYSTEM SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM. (F.B.C. 2007 PLUMBING 608.3)

NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS MATTER AND, DISINFECTED PRIOR TO UTILIZATION. (F.B.C. 2007 PLUMBING 610.1)

THE WATER SUPPLY CONNECTION TO CARBONATED BEVERAGE DISPENSERS SHALL BE PROTECTED AGAINST BACKFLOW BY A DOUBLE CHECK VALVE WITH AN INTERMEDIATE ATMOSPHERIC VENT CONFORMING TO ASSE 1022 OR BY AN AIR GAP. (F.B.C. 2007 PLUMBING 608.16.1)

HOT WATER AND DRAIN PIPES UNDER SINKS AND/OR LAVATOIRES SHALL BE INSULATED OR OTHERWISE CONSIDERED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATOIRES. (F.B.C. 2007 BUILDING 11-4.19.4 & 11-4.24.6)

PROVIDE BACKFLOW PREVENTER FOR COFFEE AND TEA BREWER, ICE WATER STATION, BAG IN BOX SYSTEM AND HOT FOOD UNIT.



PLUMBING SUPPLY RISER DIAGRAM
NEW/RENOVATED PLUMBING SHOWN ONLY
NOT TO SCALE

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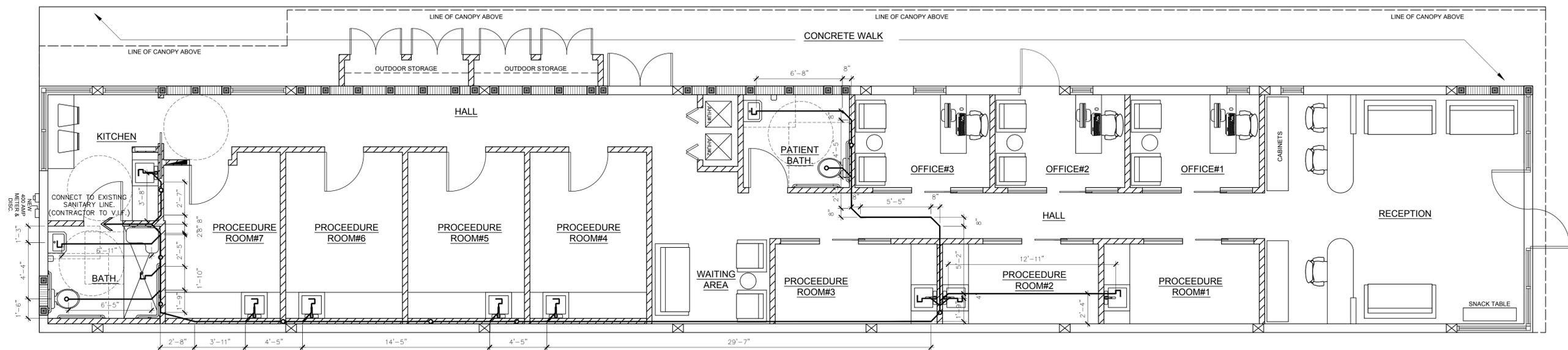
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DESIGN DWG	0
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P-20



PLUMBING SANITARY PLAN
SCALE: 1/4" = 1'-0"

NOTE: SHOCK ARRESTORS REQUIRED FOR QUICK CLOSING VALVES

SHOCK ARRESTOR SCHEDULE			
P.D.I. DESIGNATION	MFGR. & MODEL	FIXTURE UNITS	CONNECTION
A	SIoux CHIEF 652-A	1-11	1/2"
B	SIoux CHIEF 653-B	12-32	3/4"
C	SIoux CHIEF 654-C	33-60	1"

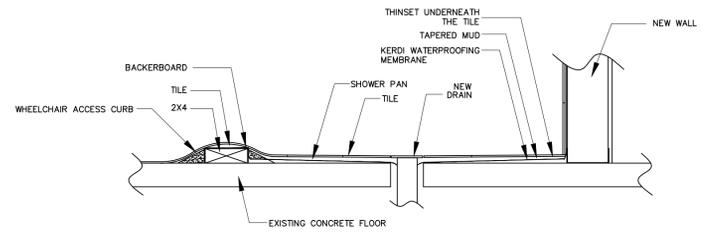
SLOPE OF HORIZ. DRAINAGE PIPES	
SIZE (INCHES)	MINIMUM SLOPE (INCHES PER FT.)
2-1/2" OR LESS	1/4"
3" TO 6"	1/8"
8" OR LARGER	1/16"

NOTES:
CONFORMS WITH F.B.C.-PLUMBING TABLE 704.1

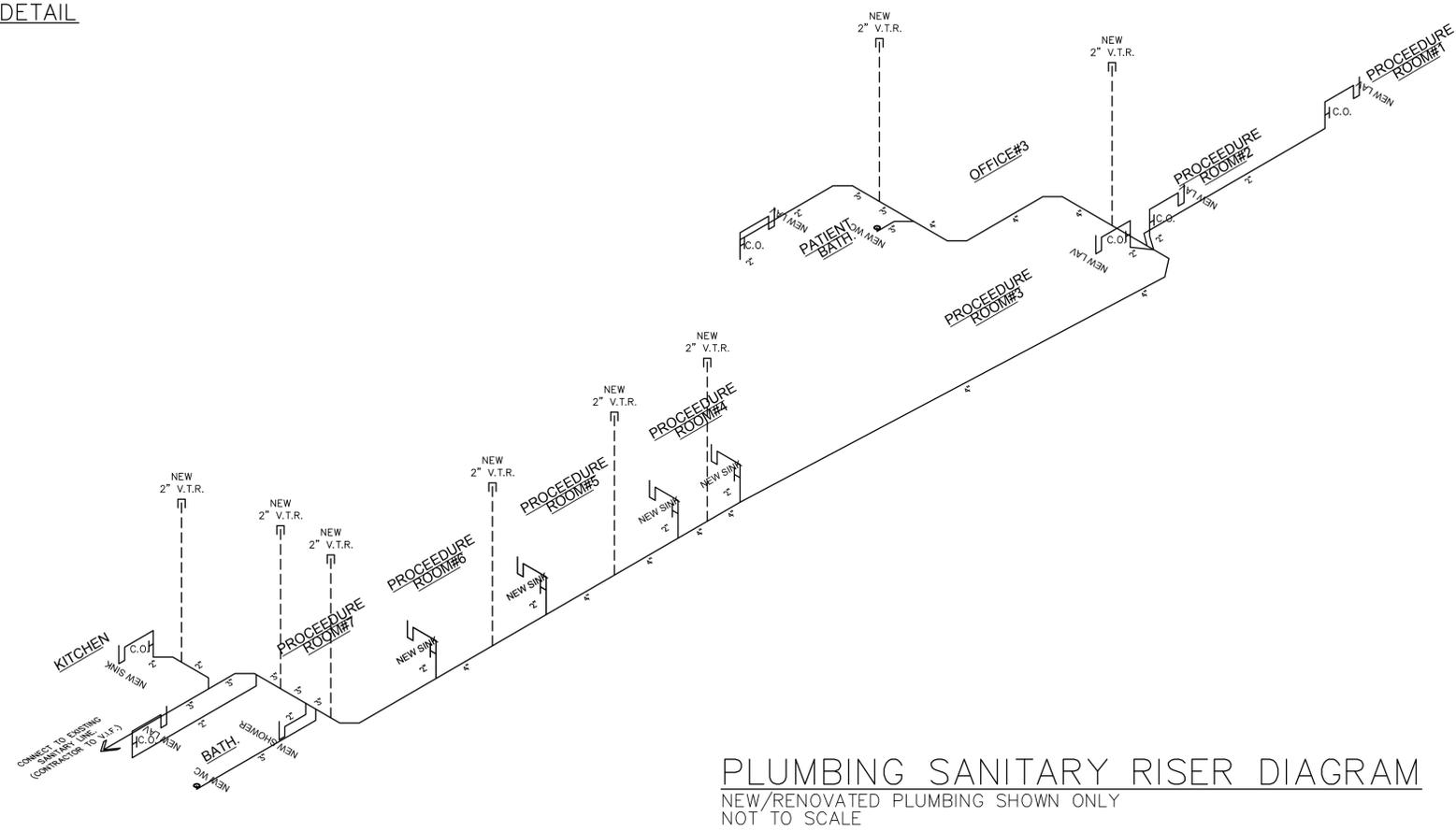
NOTE: WATER SYSTEM TO COMPLY WITH THE FLORIDA BUILDING CODE TABLE 603.1 (PLUMBING CODE)

PLUMBING FIXTURE MAXIMUM FLOW RATES	
FIXTURE	MAX. FLOW RATE
LAVATORY PRIVATE	2.2 GPM @ 60 PSI
LAVATORY PUBLIC METERING	.25 GALLON PER MTG CYCLE
LAVATORY PUBLIC O/T METERING	.5 GPM @ 60 PSI
SHOWER VALVE	2.5 GPM @ 8 PSI
SHOWER HEAD	2.5 GPM @ 80 PSI
SINK FAUCET	2.2 GPM @ 60 PSI
URINAL	1.0 GAL PER FLUSHING CYCLE
WATER CLOSET	1.6 GAL PER FLUSHING CYCLE
D/W RESIDENTIAL	6.5 GAL PER CYCLE OR LESS (ENERGY STAR/WATER SENSE CERTIFIED)
D/W COMMERCIAL	LESS THAN 1.2 GALLONS PER RACK FOR FILL AND DUMP MACHINES AND LESS THAN 0.9 GALLONS PER RACK FOR LOW TEMPERATURE MACHINES
D/W UNDER COUNTER COMM	1.0 GALLONS PER RACK FOR HIGH TEMPERATURE MACHINES AND 1.7 GALLONS PER RACK FOR LOW TEMPERATURE MACHINES.
WASHING MACHINE	WATER FACTOR OF 8 OR LOWER (ENERGY STAR/WATER SENSE CERTIFIED)

NOTES:
CONFORMS FBC TABLE P3002.1(1) AND MIAMI DADE ARTICLE III, SEC. 08-31.



ADA SHOWER PAN DETAIL
NOT TO SCALE



PLUMBING SANITARY RISER DIAGRAM
NEW/RENOVATED PLUMBING SHOWN ONLY
NOT TO SCALE