

SUPERVISOR OF ELECTIONS BUILDING TI

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<p>Address: 1898 Burlleigh Blvd. City, State, Zip: Tavares, FL 32778</p> <p>CONTACT: County Representative: Alan Hays, Supervisor of Elections Bob Brindeman, Assistant Supervisor of Elections Office: 352-343-9734 E-mail: alan@lakevotes.gov bob@lakevotes.gov</p>	<p>CONTACT: LENNARD DAVIS lennardd@ff-ae.com 888-850-3323</p>	<p>CONTACT: CHRIS SMITH chris@ff-ae.com 888-850-3323</p>	<p>1058 Palm Cove Dr Orlando, FL 32835</p> <p>CONTACT: FARSHAD ANTIKCHI farshad@ingenotech.net 407-383-6560</p>	<p>1058 Palm Cove Dr Orlando, FL 32835</p> <p>CONTACT: FARSHAD ANTIKCHI farshad@ingenotech.net 407-383-6560</p>		<table border="1"> <thead> <tr> <th>REV. NO.</th> <th>SHEET NAME</th> <th>REVISION</th> <th>REV. 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ABBREVIATIONS			
ADDL	ADDITIONAL	MECH	MECHANICAL
A.F.F.	ABOVE FINISH FLOOR	MTL	METAL
A.F.G.	ACQUISITION GRADE	MEZZ	MEZZANINE
A.C.T.	ACOUSTICAL CEILING TILE	MINI	MINIMUM
ALT.	ALTERNATE	MISC	MISCELLANEOUS
ALUM.	ALUMINUM	MLDG	MOULDING
ANCH.	ANCHOR	M.R.	MOISTURE RESISTANT MOUNTING
APPROX.	APPROXIMATE	MULL	MULLION
ARCH.	ARCHITECT	NOM.	NOMINAL
BRG.	BEARING	N	NORTH
BSM	BEAM	N.I.C.	NOT IN CONTRACT
BTWN.	BETWEEN	N.T.S.	NOT TO SCALE
BLK.	BLOCK	NO.	NUMBER
BD.	BOARD	O.C.	ON CENTER
BTM.	BOTTOM	OH	OVERHEAD
BLDG.	BUILDING	OPG.	OPENING
B.U.R.	BUILT UP ROOF	OPP.	OPPOSITE
CLG.	CEILING	O.D.	OUTSIDE DIAMETER
C.M.U.	CONC. MASONRY UNIT	P.T.	PRESSURE TREATED
C.T.	CERAMIC TILE	PTD.	PAINTED
C.O.	CLEANOUT	PNL.	PANEL OR PANELING PARTITION
COL.	COLUMN	PART.	PARTITION
CONC.	CONCRETE	P.H.	PHYSICALLY HANDICAPPED
CONST.	CONSTRUCTION	PLAS	PLASTER
C.J.	CONTROL JOINT	P. LAM.	PLASTIC LAMINATE
CONT.	CONTINUOUS	PLBG	PLUMBING
DET.	DETAIL	PLYWD.	PLYWOOD
DA.	DIAMETER	PROP.	PROPERTY
DIM.	DIMENSION	Q.T.	QUARRY TILE
DR.	DOOR	R	RADIUS
DN.	DOWN	REF.	REFERENCE
DS.	DOWNSPOUT	REINF.	REINFORCED, REINFORCING
DWG.	DRAWING	REQD.	REQUIRED
D.W.	DRYWALL	REV.	REVERSE
D.F.	DRINKING FOUNTAIN	R.H.	RIGHT HAND
EACH	ELECTRIC WATER COOLER	RH.	ROOM
E.W.C.	ELECTRIC WATER COOLER	R.O.	ROUGH OPENING
ELEV.	ELEVATION	R.T.U.	ROOF TOP UNIT
EQ.	EQUAL	S.F.	SQUARE FEET, FOOTAGE
EQUIP.	EQUIPMENT	SCHED.	SCHEDULE
ETC.	ET CETERA	SLT.	SEALANT
EXH.	EXHAUST	SEC.	SECTION
EXIST.	EXISTING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SL	SLOPE
EXT.	EXTERIOR	SPEC.	SPECIFICATION
F.R.P.	FIBERGLASS REINFORCED PANEL	SQ.	SQUARE
FIN.	FINISH	S.S.	STAINLESS STEEL
F.E.	FIRE EXTINGUISHER	STD.	STANDARD
FLUOR.	FLOUORESCENT	STL.	STEEL
F.D.	FLOOR DRAIN	STRUCT.	STRUCTURAL
FLR.	FLOOR	SUSP.	SUSPENDED
FT.	FOOT, FEET	SW.	SWITCH
FTG.	FOOTING	SYS.	SYSTEM
F.V.	FIELD VERIFY	TEL.	TELEPHONE
GALV.	GALVANIZED	TEMP.	TEMPERED
GA.	GUAGE	THRES.	THRESHOLD
G.C. GR.	GENERAL CONTRACTOR	T.P.D.	TOILET PAPER DISPENSER
GYP.	GYPSSUM	T.&G.	TONGUE AND GROOVE
HDW.	HARDWARE	T.&B.	TOP AND BOTTOM
HGT.	HEIGHT	T.O.F.	TOP OF FOOTING
HLM.	HOLLOW METAL	T.O.M.	TOP OF MASONRY
H.P.	HIGH POINT	T.O.S.	TOP OF STEEL
HORIZ.	HORIZONTAL	T.	TREAD
INCAN.	INCANDESCENT	TYP.	TYPICAL
I.D.	INSIDE DIAMETER	UNFIN.	UNFINISHED
INSUL.	INSULATION	U.O.N.	UNLESS OTHERWISE NOTED
INT.	INTERIOR	VERT.	VERTICAL
JT.	JOINT	VEST.	VESTIBULE
K.O.	KNOCK OUT	W.C.T.	VINYL COMPOSITION TILE
LAM.	LAMINATED	W.C.	WATER CLOSET
LAV.	LAVATORY	W.H.	WATER HEATER
LB.	POUND	W.P.	WORK POINT
L.H.	LEFT HAND	WP.	WATERPROOF
L.P.	LOW POINT	W.R.	WATER RESISTANT
MFR.	MANUFACTURER	W.W.M.	WELDED WIRE MESH
MAS.	MASONRY	W.	WITH
M.O.	MASONRY OPENING	W/O	WITHOUT
M.	MATERIAL	WD.	WOOD
MAX.	MAXIMUM		

CODE INFORMATION

CODE REQUIREMENTS: IT IS THE INTENT THAT ALL WORK SHALL CONFORM TO THE ADOPTED CODES, STANDARDS AND RULES OF THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION. ALL WORK SHALL CONFORM WITH DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ALL THE FOLLOWING WHERE APPLICABLE:

- GOVERNING MUNICIPAL AND REGULATORY AGENCIES
- LOCAL, STATE AND FEDERAL BODIES
- 2023 FLORIDA BUILDING CODE, 8th EDITION

WORK IS SUBJECT TO REVIEW AND INTERPRETATION BY THE AUTHORITY HAVING JURISDICTION. IN NO CASE SHALL WORK BE PERFORMED WITHOUT THE REVIEW AND WRITTEN APPROVAL OF SAID AUTHORITY.

2023 FLORIDA BUILDING CODE, 8th EDITION FOR THE FOLLOWING DISCIPLINES:

- BUILDING
- PLUMBING
- MECHANICAL
- FUEL GAS
- FLORIDA ACCESSIBILITY FOR BUILDING CONSTRUCTION
- ENERGY CONSERVATION

FLORIDA FIRE PREVENTION CODE 8th EDITION (2023)
NFPA 101 2021 EDITION LIFE SAFETY CODE WITH FLORIDA AMENDMENTS
NFPA 1 UNIFORM FIRE CODE 2021 EDITION WITH FLORIDA AMENDMENTS
NATIONAL ELECTRIC CODE NFPA-70 2020

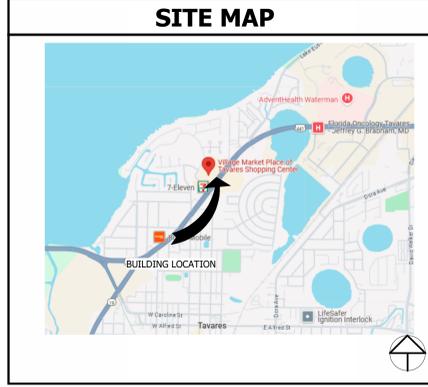
PROPERTY DESCRIPTION

PHYSICAL STREET ADDRESS: VILLAGE MARKET PLACE, 365 E. BLURLEIGH BLVD., TAVARES, FL 32778
CITY: TAVARES, FL 32778
POSTAL CITY AND ZIP CODE: 32778
PROPERTY USE: OFFICE SPACE
JURISDICTION: CITY OF TAVARES

PROJECT NARRATIVE & SCOPE

GENERAL CONSTRUCTION SCOPE: TENANT IMPROVEMENT WITH CHANGE OF OCCUPANCY FROM M-MERCHANTILE TO B-BUSINESS

AREA OF SCOPE OF WORK = 20,417 SF



ARCHITECTURAL SYMBOLS

	GRID LINE GRID LINE NUMBER / LETTER
	SECTION SECTION NUMBER SHEET NUMBER
	ENLARGED PLAN ENLARGED PLAN LETTER DETAIL NUMBER SHEET NUMBER
	DETAIL DETAIL NUMBER SHEET NUMBER
	EXTERIOR ELEVATION DETAIL NUMBER SHEET NUMBER
	INTERIOR ELEVATION DETAIL NUMBER SHEET NUMBER
	SHEET NUMBER XX - CABINET WIDTH IN INCHES YY - CABINET HEIGHT IN INCHES ZZ - CABINET DEPTH IN INCHES

DEFERRED SUBMITTALS

	AUTOMATIC FIRE SPRINKLER SYSTEM
	AUTOMATIC FIRE ALARM SYSTEM

FOR BIDDING ONLY

Please verify and update this 3D View to match proposed floor plan layout.

Revise, Natural Gas system has been added.

As previously requested, this needs to be sent to the back and have the opacity dropped. It is cutting off information throughout the entire document.

<p>1.06 MOCK-UP A. Construct mock-up illustrating full panel sheet, edge trim, joint trim, applied finish, and aluminum channel reveals. B. Locate where directed. C. Mock-up may remain as part of the Work.</p> <p>1.07 DELIVERY, STORAGE, AND HANDLING A. Protect work from moisture damage. B. Do not deliver wood materials to project site until building is fully enclosed and interior temperature and humidity are in accordance with recommendations of AWI/AWMA/CVI (AWS) or AWMA/CVI (NAAWS).</p> <p>PART 2 PRODUCTS 2.01 PANELING A. Quality Standard: Custom Grade, in accordance with AWI/AWMA/CVI (AWS) or AWMA/CVI (NAAWS), unless otherwise indicated. B. Flat Paneling: 1. Species: Oak 2. Cut: Plain 3. Panels: Veneer of full width and balanced sequence matched. C. Visible Edges and Reveals to be finished and painted. 5. Outside Corners: Mitered and sanded.</p> <p>2.02 WOOD-BASED MATERIALS - GENERAL A. Hardwood Plywood: 1/2" Grade A, veneer core, type of glue recommended for application; of grain quality suitable for transparent finish. B. Lumber: Maximum moisture content of 6 percent; with vertical grain, of quality suitable for transparent finish.</p> <p>2.03 ADHESIVES AND FASTENERS A. Adhesives: Types suitable for intended purpose, complying with applicable air quality regulations. B. Fasteners: Of size and type to suit application; standard finish in concealed locations and black finish in exposed locations.</p> <p>2.04 WOOD-TREATMENT PROCESSES A. Fire-Retardant Treatment (FR-S Type) for Lumber: Chemically treated and pressure impregnated; capable of providing flame spread index of 25, maximum, and smoke developed index of 450, maximum, when tested in accordance with ASTM E84. B. Wood Preservative by Pressure Treatment (PT Type): Provide AWPA U1 using waterborne preservative to 0.25 lb/cu ft retention.</p> <p>2.05 SHOP TREATMENT OF WOOD MATERIALS A. Finish and identify on identification on fire-retardant treated material.</p> <p>2.06 FABRICATION A. Prepare panels for delivery to site, permitting passage through building openings. B. Finish exposed edges of panels as specified by grade requirements.</p> <p>2.07 SHOP FINISHING A. Sand work smooth and set exposed nails and screws. B. Apply wood filler in exposed nail and screw indentations. C. Items of woodwork to be finished with wood filler that matches surrounding surfaces and is of type recommended for the applicable finish. D. Finish work in accordance with AWI/AWMA/CVI (AWS) or AWMA/CVI (NAAWS), Section 5 - Finishing for grade specified and as follows: 1. Transparent: a. System - 1, Lacquer, Nitrocellulose. b. Sheen: Flat. c. Products: 1. Sherwin-Williams; Sher-Wood F3 Hi-Build Precat Lacquer Varnish, AWI Finishing System 2. www.sherwin-williams.com/#/se. 3. Sherwin-Williams; Sher-Wood F3 Kemvar Conversion Varnish, AWI Finishing System www.sherwin-williams.com/#/se. 3. Sherwin-Williams; Sher-Wood Ultra-Cure 100% Solids UV Topcoat, Rollcoat, AWI Finishing System 9: www.sherwin-williams.com/#/se. 4. Substitutions: Section 01 60 00 - Product Requirements.</p> <p>1. Wood Sealer: Factory-applied, water-based polymer, water-repellent sealer that reacts chemically with untreated, natural wood surfaces. a. Manufacturers: 1. Centennial Woods LLC, Centennial-Seal: www.centennialwoods.com/#/se. 2. Substitutions: See Section 01 60 00 - Product Requirements.</p>	<p>2.03 FASTENERS A. Air- and Moisture-Sealing Insulation Fasteners: Preassembled fastener units consisting of sealing washer, screw, and gasketing tube. 1. Length as required for thickness of insulation material and penetration of deck substrate. 2. Thread and tip types as required for substrate material. 3. Products: a. TruFast Walls, a Division of Altenhof, Brinck & Co. US, Inc.; Grip-Deck TubeSeal: www.trufastwalls.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements. B. Self-Sealing Washers: Solid plastic, 2 inch diameter washers; seals building-wrap air barriers against air penetration. 1. Products: a. TruFast Walls, a Division of Altenhof, Brinck & Co. US, Inc.; Thermal-Grip Flat Washer: www.trufastwalls.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements.</p> <p>PART 3 EXECUTION 3.01 EXAMINATION A. Verify that surfaces and conditions comply with requirements of this section. 3.02 PREPARATION A. Remove projections, protruding fasteners, and loose or foreign matter that might interfere with proper installation: B. Clean and prime substrate surfaces to receive adhesives and fasteners in accordance with manufacturer's installation instructions. 3.03 INSTALLATION A. Install materials in accordance with manufacturer's installation instructions. B. Mechanically Fastened Sheets: 1. Install sheets in single fashion to shed water; align horizontally. 2. Overlap seams as recommended by manufacturer, 6 inches, minimum. 3. Overlap at outside and inside corners as recommended by manufacturer, 12 inches, minimum. 4. Install water-resistant barrier over jamb flashings. 5. Install head flashings under water-resistant barrier. 6. At framed openings with frames having nailing flanges, extend sheet into opening and over flanges; at head of opening, seal sheet over flange and flashing. C. Self-Adhesive Sheets: 1. Prepare substrate in accordance with sheet manufacturer's installation instructions; fill and tape joints in substrate and between dissimilar materials. 2. Lap sheets shingle-fashion to shed water and seal laps airtight. 3. Upon placement of sheets, firmly press onto substrate with resilient hand roller; ensure that laps are firmly adhered with no gaps or fishmouths. 4. Use same material, or other material approved by sheet manufacturer, to seal sheets to adjacent substrates, and as flashing. 5. At expansion joints, provide transition to joint assemblies approved by sheet manufacturer. D. Openings and Penetrations in Exterior Water-Resistive Barriers: 1. Install flashing over sills, covering entire sill framing member, and extend at least 5 inches onto water-resistant barrier and at least 6 inches up jamb; seal joints with flashing and jamb flanges using a continuous bead of sealant compressed by flange and cover flanges with sealing tape at least 4 inches wide; do not seal sill flange. 2. At framed openings with nonframed frames, seal water-resistant barrier to each side of framing at opening using flashing at least 9 inches wide, and covering entire depth of framing. 3. At head of openings, install flashing under water-resistant barrier extending at least 2 inches beyond face of jamb; seal water-resistant barrier to flashing. 4. At interior face of openings, seal gaps between window and door frames and rough framing using appropriate joint sealant over backer rod. 5. Service and Other Penetrations: Form flashing around penetrating items and seal surface of water-resistant barrier. 3.04 PROTECTION A. Do not leave materials exposed to weather longer than recommended by manufacturer.</p> <p>END OF SECTION SECTION 07 62 00 - SHEET METAL FLASHING AND TRIM PART 1 GENERAL 1.01 SECTION INCLUDES A. Fabricated sheet metal items, including flashings, counterflashings, gutters, downspouts, sheet metal roofing, exterior penetrations, and other items indicated in Schedule. B. Sealants for joints within sheet metal fabrications. 1.02 RELATED REQUIREMENTS A. Section 07 71 23 - Manufactured Gutters and Downspouts. 1.03 REFERENCE STANDARDS A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022. B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvalume) by Hot Dip. C. ASTM B209/B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2021a. D. ASTM B370 - Standard Specification for Copper Sheet and Strip for Building Construction; 2022. E. ASTM C920 - Standard Specification for Elastomeric Joint Sealant. F. ASTM D4586/D4586M - Standard Specification for Asphalt Roof Cement, Asbestos-Free; 2007 (Reapproved 2018). G. CDA A4950 - Copper in Architecture - Handbook; current edition. H. SMACNA (ASPM) - Architectural Sheet Metal Manual; 2012. 1.04 SUBMITTALS A. See Section 01 33 00 - Administrative Requirements for submittal procedures. 1.05 QUALITY ASSURANCE A. Perform work in accordance with SMACNA (ASPM) and CDA A4950 requirements and standard details, except as otherwise indicated. B. Fabricator and Installer Qualifications: Company specializing in sheet metal work with 3 years of documented experience. 1.06 DELIVERY, STORAGE, AND HANDLING A. Stack material to prevent twisting, bending, and abrasion, and to provide ventilation. Slope metal sheets to ensure drainage. B. Prevent contact with materials that could cause discoloration or staining. PART 2 PRODUCTS 2.01 MANUFACTURERS A. Sheet Metal Flashing and Trim: 1. ALUCOBOND by 3A Composites USA; ALUCOBOND AXCENT: 2. Petersen Aluminum Corporation; 3. Taylor Metal Products; 4. Substitutions: See Section 01 60 00 - Product Requirements. B. Exterior Penetration Flashing Panel: 1. Quickflash Weatherproofing Products, Inc; 2. Substitutions: See Section 01 60 00 - Product Requirements. 2.02 SHEET MATERIALS A. Galvanized Steel: ASTM A653/A653M, with G90/Z275 zinc coating; minimum 24-gauge, 0.0239-inch thick base metal. B. Pre-Finished Galvanized Steel: ASTM A653/A653M, with G90/Z275 zinc coating; minimum 24-gauge, 0.0239-inch thick base metal, shop pre-coated with PVDF coating. 1. Polyvinylidene Fluoride (PVDF) Coating: Superior performance organic powder coating, AAMA 2605; multiple color, thermally cured fluoropolymer finish system. C. Anodized Aluminum: ASTM B209/B209M, 3005 alloy, H12 or H14 temper; 20 gauge, 0.032 inch thick; clear anodized finish. D. Pre-Finished Aluminum: ASTM B209/B209M, 3005 alloy, H12 or H14 temper; 18 gauge, 0.042 inch thick; plain finish shop pre-coated with silicone modified polyurethane coating. 2.03 FABRICATION A. Form sections true to shape, accurate in size, square, and free from distortion or defects. B. Form pieces in longest possible lengths. C. Hem exposed edges on underside 1/2 inch; miter and seam corners. D. Form material with flat lock seams, except where otherwise indicated; at moving joints, use sealed lapped, bayonet-type or interlocking hooked seams. E. Fabricate corners from one piece with minimum 18-inch long legs; seam for rigidity, seal with sealant. F. Fabricate flashings to allow tube to extend 2 inches over roofing frame. Return and brake edges. 2.04 FLASHING A. Flashing Panels for Exterior Wall Penetrations: Premanufactured components and accessories as required to provide integrity of building envelope; suitable for conduits and facade materials to be installed. 2.05 ACCESSORIES A. Fasteners: Galvanized steel, with soft neoprene washers. B. Primer Type: Zinc chromate. C. Concoaled Sealants: Non-curing butyl sealant. D. Exposed Sealants: ASTM C920; elastomeric sealant, with minimum movement capability as recommended by manufacturer for substrates to be sealed; color to match adjacent material. PART 3 EXECUTION 3.01 EXAMINATION A. Verify roof openings, curbs, pipes, sleeves, ducts, and vents through roof are solidly sealed and nailing strips are in place. B. Verify roofing termination and base flashings are in place, sealed, and secure. 3.02 PREPARATION A. Install starter and edge strips, and cleats before starting installation. B. Seal joint concealed metal surfaces with protective backing tape to a minimum dry film thickness of 15 mil, 0.015 inch. 3.03 INSTALLATION D. Comply with drawing details. B. Insert flashings into reglets to form tight fit; secure in place with lead wedges; pack remaining spaces with lead wool; seal flashings into reglets with sealant. F. Seal Flashing: Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted. D. Apply plastic cement compound between metal flashings and felt flashings. E. Fit flashings tight in place; make corners square, surfaces true and straight in planes, and lines accurate to profiles. F. Exterior Flashing Receivers: Install in accordance with manufacturer's recommendations, and in proper relationship with adjacent construction, and as follows: G. Secure gutters and downspouts in place with concealed fasteners. H. Set splash pads under downspouts.</p> <p>END OF SECTION</p>	<p>SECTION 07 91 00 - PREFORMED JOINT SEALS GENERAL 1.01 SECTION INCLUDES A. Precompressed foam seals. B. Compression gaskets. C. Prefomed strip seals. 1.02 RELATED REQUIREMENTS A. Section 07 92 00 - Joint Sealants: Liquid and mastic joint sealants and their backing materials. 1.03 SUBMITTALS A. See Section 01 30 00 - Administrative Requirements for submittal procedures. B. Product Data: Manufacturer's technical data sheets for each product, including chemical composition, movement capability, color availability, limitations on application, and installation instructions. C. Color Cards: For color selection. D. Installer's Qualification Statement. 1.04 QUALITY ASSURANCE A. Installer Qualifications: Company specializing in performing work of the type specified in this section with at least three years of documented experience. 1.05 WARRANTY A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements. B. Correct defective work within a two year period after Date of Substantial Completion. C. Warranty: Include coverage for installed sealers that fail to achieve watertight seal or exhibit loss of adhesion or cohesion. PART 2 PRODUCTS 2.01 MANUFACTURERS A. Precompressed Foam Seals: 1. Balco, Inc; www.balcousa.com/#/se. 2. EMSEAL Joint Systems, Ltd; www.emseal.com/#/se. 3. Tremco Commercial Sealants & Waterproofing; www.tremco sealants.com/#/se. B. Compression Gaskets: C. Prefomed Strip Seals: 1. Sika Corporation; www.usa-sika.com/#/se. 2. Tremco Commercial Sealants & Waterproofing; www.tremco sealants.com/#/se. 3. Substitutions: See Section 01 60 00 - Product Requirements. 2.02 PRECOMPRESSED FOAM SEALS A. Preformed Strip Seal: Factory formed profile for adhered application to face of joint substrate. 1. Measure size of existing joints before selecting seal width. 2. Products: a. Dow, DOWSIL 123 Silicone Seal: www.dow.com/#/se. b. Sika Corporation; Sika Silridge-300; www.usa-sika.com/#/se. c. Tremco Commercial Sealants & Waterproofing; Spectrem Restoration Overlay: www.tremco sealants.com/#/se. d. Substitutions: See Section 01 60 00 - Product Requirements. 2.05 ACCESSORIES A. Adhesive: As recommended by seal manufacturer. B. Masking Tape: Self-adhesive, nonabsorbent, non-staining, removable without adhesive residue, and compatible with other materials indicated. C. Substrate Cleaner: Non-corrosive, non-staining type recommended by seal manufacturer; compatible with joint forming materials. D. Sealant Primer: Self-adhesive polyethylene tape with surface that seal will not adhere to. 3.01 EXAMINATION A. Verify that joints are ready to receive this work. B. Measure joint dimensions and verify that seal products are of the correct size to properly seal the joints. 3.02 PREPARATION A. Verify that construction components adjacent to the work of this section to prevent damage and displacement due to this work. 3.03 INSTALLATION A. Install in accordance with manufacturer's written instructions. B. Precompressed Foam Seals: 1. Install only when ambient temperature is within recommended application temperature range of adhesive. Consult manufacturer when installing outside this temperature range. 2. Prepare joints and install seals in accordance with manufacturer's written recommendations. 3. Remove loose materials and foreign matter that could impair adhesion of sealant. 4. Do not stretch precompressed seal; avoid joints except at corners, ends, and intersections; install with face 1/8 to 1/4 inch below adjoining surface. C. Compression Gaskets: 1. Install only when ambient temperature is within recommended application temperature range of adhesive. Consult manufacturer when installing outside this temperature range. 2. Prepare joints and install seals in accordance with manufacturer's written recommendations. 3. Remove loose materials and foreign matter that could impair adhesion of sealant. 4. Avoid joints except at ends, corners, and intersections; seal joints with adhesive; install with face 1/8 to 1/4 inch below adjoining surface. D. Prefomed Strip Seals: 1. Install when ambient temperature is within recommended application temperature range of adhesive, and consult with manufacturer before installing outside this temperature range. 2. Prepare joints and install seals in accordance with manufacturer's written recommendations. 3. Remove loose materials and foreign matter that could impair adhesion. 4. When installing over existing non-functioning sealant, remove portions of existing installation that protrude beyond surface of existing sealant. 3.04 CLEANING A. Clean adjacent soiled surfaces. 3.05 PROTECTION A. Protect joints from damage until adhesives have properly cured.</p> <p>END OF SECTION SECTION 07 92 00 - JOINT SEALANTS PART 1 GENERAL 1.01 SECTION INCLUDES A. Nonsag gunnable joint sealants. B. Self-leveling pourable joint sealants. C. Joint backings and accessories. 1.02 RELATED REQUIREMENTS A. Section 07 91 00 - Prefomed Joint Seals: Precompressed foam, gaskets, and strip seals. B. Section 09 21 16 - Gypsum Board Assemblies: Sealing acoustical and sound-rated walls and ceilings. C. Section 09 30 00 - Tiling: Sealant between tile and plumbing fixtures and at joints with other materials and changes in plane. 1.03 REFERENCE STANDARDS A. ASTM C661 - Standard Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer; 2015 (Reapproved 2020). B. ASTM C794 - Standard Test Method for Adhesion-to-Peel of Elastomeric Joint Sealants; 2018 (Reapproved 2022). C. ASTM C834 - Standard Specification for Latex Sealants; 2017 (Reapproved 2023). D. ASTM C881/C881M - Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete; 2020a. E. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2018. F. ASTM C1087 - Standard Test Method for Determining Compatibility of Liquid-Applied Sealants with Accessories Used in Structural Glazing Systems; 2023. G. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2016 (Reapproved 2023). H. ASTM C1248 - Standard Test Method for Staining of Porous Substrate by Joint Sealants; 2022. I. ASTM C1362 - Standard Test Method for Determining Tensile Adhesion Properties of Sealants When Used in Exterior Insulation and Finishing Systems (EIFS) Joints; 2016 (Reapproved 2023). J. ASTM C1521 - Standard Practice for Evaluating Adhesion of Installed Waterproofing Sealant Joints; 2019 (Reapproved 2020). K. ASTM D2240 - Standard Test Method for Rubber Property-Durometer Hardness; 2015 (Reapproved 2021). L. ASTM D638 - Standard Test Methods for Tensile Properties of Plastics; 2022. M. ASTM E119 - Standard Test Method for Fire Tests of Building Construction and Materials; 2022. N. UL 263 - Standard for Fire Tests of Building Construction and Materials; Current Edition, Including All Revisions. 1.04 SUBMITTALS A. See Section 01 30 00 - Administrative Requirements for submittal procedures. B. Product Data: Submit manufacturer's technical data sheets for each product to include the following: 1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability. 2. Backing materials approved for use with the specific product. 3. Backing material recommended by sealant manufacturer. 4. Substrates that product is known to satisfactorily adhere to and with which it is compatible. 5. Substrates the product should not be used on. C. Product Data for Accessory Products: Submit manufacturer's technical data sheet for each product to be used, including physical characteristics, installation instructions, and recommended tools. D. Color Cards for Selection: Where sealant color is not specified, submit manufacturer's color cards showing standard color selections. E. Preconstruction Laboratory Test Reports: Submit at least four weeks prior to start of installation. F. Preinstallation Field Adhesion Test Plan: Submit at least two weeks prior to start of installation. G. Preinstallation Field Adhesion Test Reports: Submit filled out Preinstallation Field Adhesion Test Reports log within 10 days after completion of tests; include tagged test samples and photographic records. H. Executed warranty. 1.05 QUALITY ASSURANCE A. Installer Qualifications: Company specializing in performing the work of this section and with at least three years of documented experience. B. Preconstruction Laboratory Testing: Arrange for sealant manufacturer's (s) to test each combination of sealant, substrate, backing, and accessories. 1. Adhesion Testing: In accordance with ASTM C794. 2. Compatibility Testing: In accordance with ASTM C1087. 3. Allow sufficient time for testing to avoid delaying the work. 4. Deliver sufficient samples to manufacturer for testing. 5. Report manufacturer's recommended corrective measures, if any, including primers or techniques not indicated in product data submittals.</p>	<p>C. Preinstallation Field Adhesion Test Plan: Include destructive field adhesion testing of one sample of each combination of sealant type and substrate, except interior acrylic latex sealants, and include the following for each tested sample. 1. Identification of testing agency. 2. Preinstallation Field Adhesion Test Log Form: Include the following data fields, with known information filled out: a. Test date. b. Copy of test method documents. c. Age of sealant and substrate materials. d. Test results, modeled after the sample form in the test method document. e. Indicate use of photographic record of test. D. Field Adhesion Test Procedures: 1. Allow sealants to fully cure as recommended by manufacturer before testing. 2. Have a copy of the test method document available during tests. 3. Record the type of failure that occurred, other information required by test method, and the information required on the Field Quality Control Log. 4. When performing destructive tests, also inspect the opened joint for proper installation characteristics recommended by manufacturer, and report any deficiencies. 5. Deliver the samples removed during destructive tests in separate sealed plastic bags, identified with project, location, test date, and test results, to Owner. 6. If any combination of sealant type and substrate does not show evidence of minimum adhesion or shows cohesion failure before minimum adhesion, report results to Architect. E. Destructive Field Adhesion Test: Test for adhesion in accordance with ASTM C1521, using Destructive Tail Procedure. 1. Sample: At least 18 inches long. 2. Minimum Elongation without Adhesive Failure: Consider the tail at rest, not under any elongation stress; multiply the stated movement capability of the sealant in percent by two; then multiply 1 inch by that percentage; if adhesion failure occurs before the 1-inch mark is that distance from the substrate, the test has failed. 3. If either adhesive or cohesive failure occurs before minimum elongation, take necessary measures to correct conditions and retest; record each modification to products or installation procedures. 1.06 WARRANTY A. Deliver the samples removed during destructive tests in separate sealed plastic bags, identified with project, location, test date, and test results, to Owner. B. Manufacturer Warranty: Provide 2-year manufacturer warranty for installed sealants and accessories that fail to achieve a watertight seal, exhibit loss of adhesion or cohesion, or do not cure. Complete forms in Owner's name and return to manufacturer. PART 2 PRODUCTS 2.01 MANUFACTURERS A. Nonsag Sealants: 1. Bostik Inc; www.bostik-us.com/#/se. 2. Dow; www.dow.com/#/se. 3. Hilli, Inc; www.hilli.com/#/se. 4. Tremco Commercial Sealants & Waterproofing; www.quikrete.com/#/se. 5. Sherwin-Williams Company; www.sherwin-williams.com/#/se. 6. Sika Corporation; www.usa-sika.com/#/se. 7. W. R. Meadows, Inc; www.wrmeadows.com/#/se. 8. Substitutions: See Section 01 60 00 - Product Requirements. B. Self-Leveling Sealants: 1. Bostik Inc; www.bostik-us.com/#/se. 2. Dow; www.dow.com/#/se. 3. QUIKRETE Companies; www.quikrete.com/#/se. 4. Sherwin-Williams Company; www.sherwin-williams.com/#/se. 5. Sika Corporation; www.usa-sika.com/#/se. 6. W. R. Meadows, Inc; www.wrmeadows.com/#/se. 7. Self-Leveling Sealants: 1. Bostik Inc; www.bostik-us.com/#/se. 2. Dow; www.dow.com/#/se. 3. QUIKRETE Companies; www.quikrete.com/#/se. 4. Sherwin-Williams Company; www.sherwin-williams.com/#/se. 5. Sika Corporation; www.usa-sika.com/#/se. 6. W. R. Meadows, Inc; www.wrmeadows.com/#/se. 8. Substitutions: See Section 01 60 00 - Product Requirements. 2.02 JOINT SEALANT APPLICATIONS A. Scope: 1. Exterior Joints: a. Seal open joints except open joints indicated on drawings as not sealed. 2. Interior Joints: a. Seal open joints except specific open joints indicated on drawings as not sealed. 3. Do Not Seal: a. Interior weep holes in masonry. b. Joints indicated to be covered with expansion joint cover assemblies. c. Joints where sealant installation is specified in other sections. B. Exterior Joints: Use nonsag nonstaining silicone sealant, unless otherwise indicated. C. Interior Joints: Use nonsag polyurethane sealant, unless otherwise indicated. D. Interior Wet Areas: Bathrooms, restrooms, kitchens, food service areas, and food processing areas; fixtures in wet areas include plumbing fixtures, food service equipment, countertops, cabinets, and other similar items. E. Sound-Rated Assemblies: Walls and ceilings identified as STC-rated, sound-rated, or acoustical. F. Prefomed Joint Seal: See Section 07 91 00 for information. 2.03 JOINT SEALANTS - GENERAL A. Sealants and Primers: Select sealants with acceptable levels of volatile organic compound (VOC) content. B. Colors: Best match to adjacent surfaces. 2.04 NONSAG JOINT SEALANTS A. Nonsagging Silicone Sealant: ASTM C920, Grade NS, Uses M and A; not expected to withstand continuous water immersion or traffic. 1. Movement Capability: Plus and minus 25 percent, minimum. 2. Nonstaining to Porous Stone: Nonstaining to light-colored natural stone when tested in accordance with ASTM C1248. 3. Dirt Pick-Up: Reduced dirt pick-up compared to other silicone sealants. 4. Products: a. Dow, DOWSIL 755 SMS Building Sealant: www.dow.com/#/se. b. Dow, DOWSIL 790 Silicone Bulky Sealant: www.dow.com/#/se. c. Dow, DOWSIL 791 Silicone Weatherproofing Sealant: www.dow.com/#/se. d. Dow, DOWSIL 795 Silicone Building Sealant: www.dow.com/#/se. e. Pecora Corporation; Pecora 890 NST (Non-Staining Technology); www.pecora.com/#/se. f. Pecora Corporation; Pecora 864 NST (Non-Staining Technology); www.pecora.com/#/se. g. Sika Corporation; Sikasil WS-290: www.usa.sika.com/#/se. h. Sika Corporation; Sikasil WS-295: www.usa.sika.com/#/se. i. Sika Corporation; Sikasil Z8N5: www.usa.sika.com/#/se. j. Tremco Commercial Sealants & Waterproofing; Spectrem 1: www.tremco sealants.com/#/se. k. Tremco Commercial Sealants & Waterproofing; Spectrem 2: www.tremco sealants.com/#/se. l. M. Substitutions: See Section 01 60 00 - Product Requirements. B. Silicone Sealant: ASTM C920, Grade NS, Uses M and A; not expected to withstand continuous water immersion or traffic. 1. Movement Capability: Plus and minus 25 percent, minimum. 2. Products: a. Dow, DOWSIL 999-A Building and Glazing Sealant: www.dow.com/#/se. b. Dow, DOWSIL 999-B Building and Glazing Sealant: www.dow.com/#/se. c. Pecora Corporation; Pecora 860: www.pecora.com/#/se. d. Pecora Corporation; Pecora 890FTS (Field-Tintable Smooth); www.pecora.com/#/se. e. Pecora Corporation; Pecora 890FTS-TXTR (Field-Tintable Textured); www.pecora.com/#/se. f. Sherwin-Williams Company; Silconex Rubber All Purpose Sealant: www.sherwin-williams.com/#/se. g. Sika Corporation; Sikasil GP: www.usa.sika.com/#/se. h. Sika Corporation; Sikasil WS-295: www.usa.sika.com/#/se. i. Sika Corporation; Sikasil N-Plus US: www.usa.sika.com/#/se. j. Sika Corporation; Sikasil Z8N5: www.usa.sika.com/#/se. k. Substitutions: See Section 01 60 00 - Product Requirements. C. Mildew-Resistant Silicone Sealant: ASTM C920, Grade NS, Uses M and A; single component, mildew resistant; not expected to withstand continuous water immersion or traffic. 1. Color: White. 2. Products: a. Pecora Corporation; Pecora 898 NST (Non-Staining Technology): www.pecora.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements. D. Polymer Sealant: ASTM C920; single component, cured sealant is paintable and mold/mildew resistant, low odor VOC, and ultraviolet (UV) resistant. 1. Color: White. 2. Products: a. DAP Products Inc; DYNAFLEX 800 Sealant: www.dapsealant.com/#/se. b. Sika Cover Inc; SIGA-Metall: www.siga-wiss.org/global_en/#/se. c. Substitutions: See Section 01 60 00 - Product Requirements. E. Polyurethane Sealant: ASTM C920, Grade NS, Uses M and A; single or multi-component; not expected to withstand continuous water immersion or traffic. 1. Movement Capability: Plus and minus 25 percent, minimum. 2. Products: a. Sherwin-Williams Company; Stampede 1-J/TX Polyurethane Sealant: www.sherwin-williams.com/#/se. b. Sherwin-Williams Company; Stampede 2NS Polyurethane Sealant: www.sherwin-williams.com/#/se. c. Sika Corporation; Sikaflex-15: www.usa.sika.com/#/se. d. Sika Corporation; Sikaflex-15 LH: www.usa.sika.com/#/se. e. Sika Corporation; Sikaflex-2 NS: www.usa.sika.com/#/se. f. Tremco Commercial Sealants & Waterproofing; Dymonic 100: www.tremco sealants.com/#/se. g. Tremco Commercial Sealants & Waterproofing; Vulkan 116: www.tremco sealants.com/#/se. h. W. R. Meadows, Inc; POURTHANE NS: www.wrmeadows.com/#/se. I. Insulation: See Section 01 60 00 - Product Requirements. H. Acrylic-Urethane Sealant: ASTM C920, Grade NS, Uses M and A; single component; paintable; not expected to withstand continuous water immersion or traffic. 1. Movement Capability: Plus and minus 12-1/2 percent, minimum. 2. Products: a. DAP Products Inc; DYNAFLEX 800 Sealant: www.dapsealant.com/#/se. b. Sherwin-Williams Company; Shermax Urethaneized Elastomeric Sealant: www.sherwin-williams.com/#/se. 3. Noncuring Butyl Sealant: Solvent-based, single component, nonsag, nonskinning, nonhardening, nonbleeding; nonpavap permeable; intended for fully concealed applications. 1. Products: a. Pecora Corporation; Pecora BA-98 Non-Skinning Butyl Sealant: www.pecora.com/#/se. b. Tremco Commercial Sealants & Waterproofing; Acoustical/Curtainwall Seal: www.tremco sealants.com/#/se. c. Substitutions: See Section 01 60 00 - Product Requirements. I. Thermoplastic Elastomer Joint Sealant: Single component, nonsag, thermoplastic elastomer; intended for glazing and siding applications and for sealing residential wood, PVC and aluminum window perimeters. 1. Products: a. Tremco Commercial Sealants & Waterproofing; Tremco 830: www.tremco sealants.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements.</p>	<p>2.05 SELF-LEVELING JOINT SEALANTS A. Self-Leveling Silicone Sealant: ASTM C920, Grade P, Uses M and A; single or multi-component, explicitly approved by manufacturer for traffic exposure when recessed below traffic surface; not expected to withstand continuous water immersion. 1. Movement Capability: Plus 100 percent, minus 50 percent, minimum. 2. Products: a. Dow, DOWSIL SL Parking Structure Sealant: www.dow.com/#/se. b. Sika Corporation; Sikasil Z8RCS: www.usa.sika.com/#/se. c. Tremco Commercial Sealants & Waterproofing; Spectrem 900SL: www.tremco sealants.com/#/se. d. Substitutions: See Section 01 60 00 - Product Requirements. B. Self-Leveling Polyurethane Sealant for Horizontal Expansion Joints: ASTM C920, Grade P, Uses T, M, and O; multi-component; explicitly approved by manufacturer for horizontal expansion joints. 1. Movement Capability: Plus and minus 25 percent, minimum. 2. Hardness Range: 30 to 35, Shore A, when tested in accordance with ASTM C661. 3. Products: a. Pecora Corporation; Urepan NR-200: www.pecora.com/#/se. b. Tremco Commercial Sealants & Waterproofing; www.tremco sealants.com/#/se. c. Substitutions: See Section 01 60 00 - Product Requirements. C. High Quality Latex-Based Sound Sealant: ASTM C834, Type OF an opaque sealant, and Grade O, 32 degrees F, meets requirements for low-temperature flexibility. 1. Products: a. Substitutions: See Section 01 60 00 - Product Requirements. D. Semi-Rigid Self-Leveling Epoxy Joint Filler: Epoxy or epoxy/polyurethane copolymer; intended for filling cracks and control joints not subject to significant movement; rigid enough to support concrete edges under traffic. 1. Composition: Multi-component, 100 percent solids by weight. 2. Durometer Hardness: Minimum of 85 for Type A or 35 for Type D, after seven days when tested in accordance with ASTM D2240. 3. Joint Width, Minimum: 1/8 inch. 4. Products: a. Euclid Chemical Company; EUCO 700: www.euclidchemical.com/#/se. b. Mapei; Mapeflexx Joint Sealer EP 90/50: www.mapei.com/#/se. c. Substitutions: See Section 01 60 00 - Product Requirements. 2.06 ACCESSORIES A. Sealant Backing Materials, General: Materials placed in joint before applying sealants; assists sealant performance and saves sealant. Composed of sealant profile and preventing three-part cure core; type and size recommended by sealant manufacturer for compatibility with sealant, substrate, and application. B. Overlay Extrusion for Glazing System Joint Protection: Rubber profiled extrusions placed over joints in glazing system and provided with watertight seal. 1. Profile: As required to match existing metal glazing cap requirements. 2. Products: a. Tremco Commercial Sealants & Waterproofing; Spectrem Restoration Overlay: www.tremco sealants.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements. C. Prefomed Extruded Silicone Joint Seal: Pre-cured low-modulus silicone extrusion, in sizes to fit applications indicated on drawings, combined with a neutral-curing liquid silicone sealant for bonding joint seal to substrates. 1. Size: 1 inch wide, in rolls 100 feet long. 2. Thickness: 0.78 inch, with ridges along outside bottom edges for bonding area. 3. Products: a. Tremco Commercial Sealants & Waterproofing; Spectrem Simple Seal: www.tremco sealants.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements. D. Prefomed Extruded Polyurethane Joint Seal: Medium-modulus, preformed polyurethane extrusion used to bridge joints under elastomeric wall coatings, in sizes to fit applications indicated on drawings, combined with polyurethane sealant for bonding joint seal to substrates. 1. Size: 1 1/2 inch wide, in rolls 100 feet long. 2. Thickness: 0.051 inch, with ridges along outside bottom edges for bonding area. 3. Products: a. Tremco Commercial Sealants & Waterproofing; www.tremco sealants.com/#/se. b. Substitutions: See Section 01 60 00 - Product Requirements. E. Backing Tape: Self-adhesive polyethylene tape with surface that sealant will not adhere to and recommended by tape and sealant manufacturers for specific application. F. Joint Cleaner: Noncorrosive and nonstaining type, type recommended by sealant manufacturer; compatible with joint forming materials. G. Primer: Type recommended by sealant manufacturer to suit application; nonstaining. PART 3 EXECUTION 3.01 EXAMINATION A. Verify that joints are ready to receive work. B. Verify that backing materials are compatible with sealants. C. Verify that backer rods are of the correct size. D. Preinstallation Adhesion Testing: Install a sample for each test location indicated in the test plan. E. Submit test results as specified in PART 1 - GENERAL article. 2. Notify Architect of date and time that tests will be performed, at least seven days in advance. 3. Record each test on Preinstallation Adhesion Test Log as indicated. 4. If any sample fails, reprepare products and installation procedures, consult manufacturer, or take other measures that are necessary to ensure adhesion; retest in a different location; if unable to obtain satisfactory adhesion, report to Architect. 4. After completion of tests, remove remaining sample material and prepare joints for new sealant installation. 3.02 PREPARATION A. Remove loose materials and foreign matter that could impair adhesion of sealant. B. Clean joints, and prime as necessary, in accordance with manufacturer's instructions. C. Perform preparation in accordance with manufacturer's instructions and ASTM C1193. D. Mask elements and surfaces adjacent to joints from damage and displacement due to sealant work; be aware that sealant drips and seams may not be completely removable. E. Concrete Floor Joints That Will Be Exposed in Completed Work: Test joint filler in an inconspicuous area to verify that it will not stain or discolor slab. 3.03 INSTALLATION A. Install this work in accordance with sealant manufacturer's requirements for preparation of surfaces and metal installation details as specified in PART 1 - GENERAL article. B. Provide joint sealant installations complying with ASTM C1193. C. Install bond breaker backing tape where backer rod cannot be used. D. Install sealant over fire air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces. E. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed. F. Nonsag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface. G. Concrete Floor Joint Filler: After full cure, shave joint filler flush with top of concrete slab.</p> <p>END OF SECTION SECTION 08 11 13 - HOLLOW METAL DOORS AND FRAMES PART 1 - GENERAL 1.1 RELATED DOCUMENTS A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section. 1.2 SUMMARY A. Section Includes: 1. Standard and custom hollow metal doors and frames. 2. Standard and custom hollow metal door and frame frames. 3. Louvers installed in hollow metal doors. 4. Light frames and glazing installed in hollow metal doors. B. Related Sections: 1. Division 01 Section "General Conditions". 2. Division 04 Section "Unit Masonry" for embedding anchors for hollow metal work into masonry construction. 3. Division 08 Section "Flush Wood Doors". 4. Division 08 Section "Glass and Glass View Panels in Hollow Metal Doors". 5. Division 08 Section "Door Hardware". 6. Division 09 Section "Access Control Hardware". 7. Division 09 Sections "Exterior Painting" and "Interior Painting" for field painting hollow metal doors and frames. C. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction. 1. ANSI/SDI A250.8 - Recommended Specifications for Standard Steel Doors and Frames. 2. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Frames, Frames Anchors and Hardware Reinforcing. 3. ANSI/SDI A250.6 - Recommended Practice for Reinforcing for Hardware Reinforcing on Standard Steel Doors and Frames. 4. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames. 5. ANSI/SDI A250.11 - Recommended Erection Instructions for Steel Frames. 6. ANSI/SDI A250.13 - Testing and Rating of Swire Windstorm Resistant Components for Swing Door Assemblies. 7. ASTM A1008 - Standard Specification for Steel Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability. 8. ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvalume) by the Hot-Dip Process. 9. ASTM A924 - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process. 10. UL 501-113 Standard Practice for Determining the Steady-State Thermal Transmittance of Steel Door & Frame Assemblies. 11. ASTM C 1363 - Standard Test Method for Thermal Performance of Building Assemblies by Means of a Hot Box Apparatus. 12. ASTM C1199 - Standard Test Method for Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Preparation. 13. ANSI/NFPA 101 - Standard for Fire Protection and Prevention - Steady State Thermal Transmittance of Fenestration Systems 14. ANSIBHMA A156.115 - Hardware Requirements in Steel Doors and Frames. 15. ANSISDI 122 - Installation and Troubleshooting Guide for Standard Steel Doors and Frames. 16. ANSINFPA 101 - Standard for Fire Protection and Prevention - Steady State Thermal Protection Association. 17. ANSINFPA 105: Standard for the Installation of Smoke Door Assemblies. 18. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; National Fire Protection Association. 19. UL 10C - Positive Pressure Fire Tests of Door Assemblies. 20. UL 1784 - Standard for Air Leakage Tests of Door Assemblies. 1.3 SUBMITTALS A. Product Data: For each type of product indicated. Include construction details, material descriptions, core descriptions, hardware reinforcements, profiles, anchors, fire-resistance ratings, and fire-resistance ratings. B. Door hardware supplier is to furnish templates, template reference number and/or physical hardware to the steel door and frame supplier in order to prepare the doors and frames to receive the finish hardware items. C. Shop Drawings: Include the following: 1. Elevations of each door design. 2. Details of doors, including vertical and horizontal edge details and metal thicknesses. 3. Frame details for each frame type, including dimensioned profiles and metal thicknesses. 4. Locations of reinforcement and preparations for hardware. 5. Details of anchorages, joints, field splices, and</p>
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WALL LEGEND

	EXISTING 8" CMU WALL TO REMAIN
	NEW FRAME WALL WITH METAL STUDS
	WALL TO BE DEMOLISHED

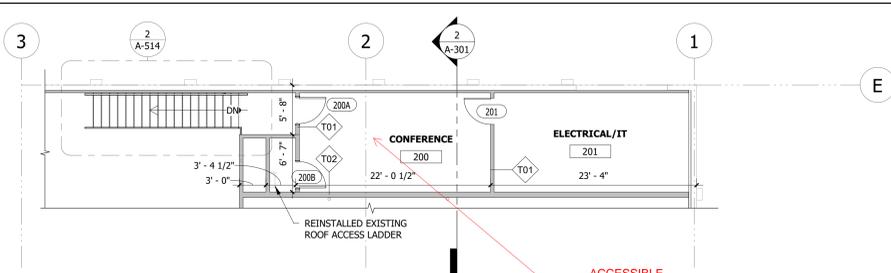
DOOR AND WINDOW LEGEND

	DOOR TAG. SEE SHEET A601 FOR DOOR SCHEDULE.
	WINDOW TAG. SEE SHEET A601 FOR WINDOW SCHEDULE.
	STOREFRONT TAG. SEE SHEET A601 FOR STOREFRONT SCHEDULE.

WALL TYPES - SEE SHEET A101 OR A102

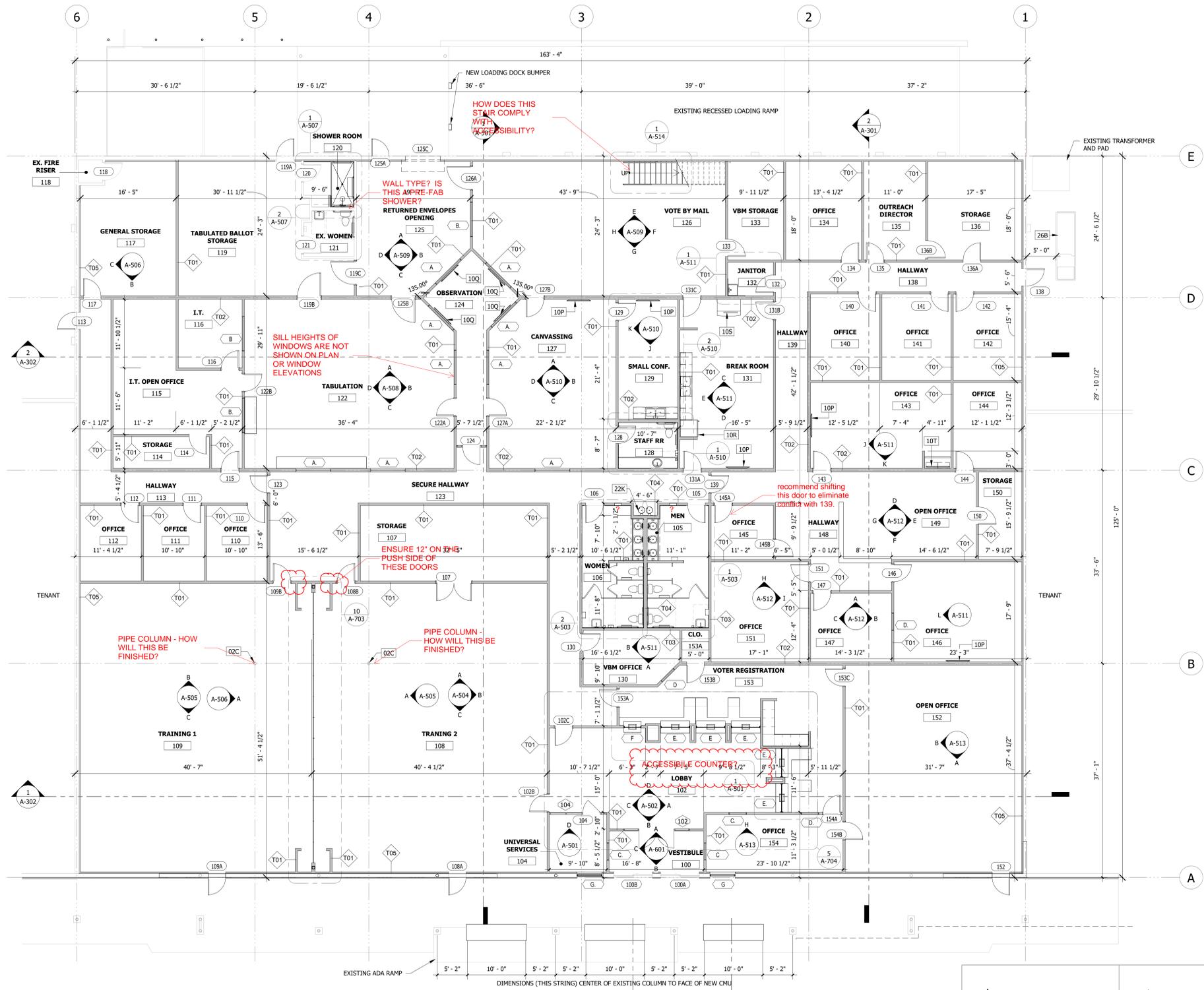
KEYNOTES

NO.	KEY
02C	EXISTING PIPE COLUMN
10P	WALL MOUNTED TV, 6" HGT FROM FF. (BY OWNER)
10Q	WALL MOUNTED TV, ABOVE WINDOW (BY OWNER)
10R	FRIDGE (MANUFACTURER AND MODEL TBD BY OWNER)
10S	ICE MACHINE (MANUFACTURER AND MODEL TBD BY OWNER)
10T	CAMERA MONITOR
22K	DRINKING FOUNTAIN PER PLUMBING
26B	POWER GENERATOR PER ELECTRICAL DRAWINGS



2 MEZZANINE LEVEL - FLOOR PLAN
1/8" = 1'-0"

ACCESSIBLE ROUTE TO COMMON USE CONFERENCE ROOM?



1 FIRST LEVEL FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES FOR NEW CONSTRUCTION AND DIMENSION PLANS

- CONTRACTOR SHALL COMPLY WITH THE STATE OF FLORIDA STATE BUILDING CODE CURRENT EDITION, THE FLORIDA BUILDING CODE 2023 (WITH ALL APPLICABLE REVISIONS), FLORIDA FIRE PREVENTION CODE 2023, ALL STATE AND LOCAL ZONING CODES AND THE CITY OF TALLAHASSEE PERMITS SHALL BE POSTED IN A VISIBLE PLACE AT ALL TIMES.
- ALL PERMITS, UTILITY AND METER CONNECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
- ALL WORK, MATERIALS AND EQUIPMENT UTILIZED IN THIS PROJECT SHALL BE NEW AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
- ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL AND INDUSTRY ORGANIZATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND FAMILIARIZING HIMSELF WITH ALL EXISTING CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT LIMITED TO PRIVATE AND PUBLIC UTILITIES, ON AND OFF SITE, ACCESS ROADS AND OTHER SUPPORT FACILITIES.
- CONTRACTOR TO REMOVE, RELOCATE OR RE-ROUTE, AS NECESSARY, ELECTRICAL, TELEPHONE, WATER, SEWER, GAS (IF APPLICABLE) OR ANY OTHER UTILITY LINES ENCOUNTERED AND SHALL COORDINATE THIS WORK WITH ALL LOCAL UTILITY COMPANIES.
- CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY UNEXPECTED OR UNKNOWN FIELD CONDITIONS, ERRORS, OMISSIONS, OR DISCREPANCIES IN THE DRAWINGS, PROJECT MANUAL, OR CONTRACT DOCUMENT.
- CONTRACTOR SHALL PREPARE AND MAINTAIN ALL CONSTRUCTION AREAS, AS WELL AS SURROUNDING AREAS FREE OF DEBRIS OR HAZARDOUS EQUIPMENT AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR THE REPLACEMENT OF ANY ITEMS DAMAGED DURING CONSTRUCTION OR CLEAN-UP. CONSTRUCTION PERSONNEL SHALL BE CONFINED TO THE LIMITS OF THE CONSTRUCTION AREA. ALL OSHA REGULATIONS FOR CONSTRUCTION AREAS SHALL BE STRICTLY FOLLOWED.
- CONTRACTOR SHALL NOT BE SCALED. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- ALL DIMENSIONS ARE BASED ON NOMINAL SIZES OF MEMBERS AND ARE GIVEN TO THE OUTER FACE OF SUCH MEMBERS, NOT TO THE CENTERLINE OF FINISH MATERIALS UNLESS OTHERWISE NOTED ON DRAWINGS. WHERE A DIMENSION IS LABELED "CLEAR" IT IS TAKEN FROM THE FACE OF FINISH MATERIALS TO FACE OF FINISH MATERIALS.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE COMMENCING FABRICATION AND/OR INSTALLATION OF ALL APPLICABLE ITEMS FOR CONSTRUCTION. ALL SHOP DRAWINGS DIMENSIONS SHALL BE FIELD VERIFIED, REVIEWED AND APPROVED BY CONTRACTOR BEFORE SUBMITTAL. SHOP DRAWINGS WHICH ARE INCOMPLETE OR LACKING SUFFICIENT INFORMATION WILL BE RETURNED WITHOUT REVIEW. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- PRESSURE TREATED WOOD SHALL BE USED WHERE WOOD IS IN CONTACT WITH CONCRETE OR MASONRY OR IN CONTACT WITH THE ELEMENTS (EXTERIOR).
- CONTRACTOR TO FURNISH AND INSTALL ALL METAL AND WOOD BLOCKING REQUIRED FOR WALL MOUNTED OR BRACED FIXTURES, MILLWORK, SHELVES, BATHROOM FIXTURES AND ACCESSORIES OR BY OTHER ITEMS DESCRIBED IN INTERIOR DESIGN AND ARCHITECTURAL DRAWINGS.
- IN ADDITION TO WALL TYPES SHOWN ON PLANS THE CONTRACTOR SHALL REFER TO THE ROOM FINISH SCHEDULE, INTERIOR ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION REGARDING FINISHES.
- CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE LOCATION OF ALL ACCESS PANELS SO AS TO ALLOW FOR PROPER EQUIPMENT ACCESSIBILITY, MAINTENANCE, AND/OR OPERATION OF THE BUILDING SYSTEMS PRIOR TO THE START OF WORK. THE OMISSIONS OF ANY OR ALL ACCESS PANELS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FROM PROVIDING AND INSTALLING SUCH PANELS OR DOORS.
- ACCESS PANELS IN RATED ELEMENTS SHALL HAVE THE SAME FIRE RATING.
- CONTRACTOR SHALL PAINT ALL VISIBLE SURFACES OF FACTORY PRIMED OR FACTORY PAINT FINISHED EQUIPMENT, A.C. GRILLS OR REGISTERS, COVERS, ETC. UNLESS SPECIFICALLY NOTED OTHERWISE VERIFY AND COORDINATE COLORS WITH INTERIOR DESIGN AND ARCHITECT.
- ALL INTERIOR AND EXTERIOR JOINTS BETWEEN DIFFERENT MATERIALS OR FINISHES SHALL RECEIVE A BEAD OF CAULKING OR FORM A REVEAL TO MATCH COLOR OF ADJACENT SURFACE. COORDINATE COLORS WITH ARCHITECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS AND CONSTRUCTION MATERIAL FROM THE SITE.
- CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROPERLY CLEANING ALL AREAS PRIOR TO FINAL ACCEPTANCE BY THE OWNER INCLUDING BUT NOT LIMITED TO WINDOWS, FLOORS, CARPETS, WALLS, DOORS, EQUIPMENT, ETC.
- UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL GIVE TO THE OWNER A COMPLETE SET OF AS-BUILT CIVIL, LANDSCAPE, ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS ALONG WITH THE WRITTEN GUARANTEES, OPERATION AND MAINTENANCE MANUALS OF ALL EQUIPMENT AND FINISHES INSTALLED. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF AS-BUILT DRAWINGS AND SPECIFICATIONS. INFORMATION SHALL BE RECORDED BY CONTRACTOR AS CONSTRUCTION PROGRESSES AND REVIEWED FOR COMPLETENESS AT EACH REQUISITION REQUEST. REFER TO PROJECT MANUAL.
- CONTRACTOR SHALL PROVIDE PROPER SAFEGUARDS IN COMPLIANCE WITH THE LIFE SAFETY PLANS DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO PROVIDE A SAFETY PLAN PRIOR TO START OF CONSTRUCTION TO CLEARLY DELINEATE AREAS FOR CONSTRUCTION, SAFETY BARRIERS, EXITS, CONSTRUCTION TRAFFIC DURING THE VARIOUS PHASES AND WHEN CONDITIONS CHANGE.

DIMENSIONS (THIS STRING) CENTER OF EXISTING COLUMN TO FACE OF NEW CMU

<p>EXISTING CMU 5/8" GYP BD, FINISHED AND PAINTED 2-1/2" X 25-GAUGE GALVANIZED STEEL FURRING CHANNEL @ 16" O.C.</p> <p>INTERIOR EXTERIOR NOTE: SEE FINISH SCHEDULE FOR FINISH TYPE WALL TYPE - 05 (T05) SCALE: 3/4" = 1'-0"</p>	<p>TILE MORTAR 1/2" DENS-SHIELD BACKER BOARD 5" METAL STUD @ 16" O.C.</p> <p>INTERIOR INTERIOR NOTE: SEE FINISH SCHEDULE FOR FINISH TYPE WALL TYPE - 04 (T04) SCALE: 3/4" = 1'-0"</p>	<p>5/8" GYP BD. TILE MORTAR 1/2" DENS-SHIELD BACKER BOARD 3 5/8" METAL STUD @ 16" O.C. GAUGE?</p> <p>INTERIOR INTERIOR NOTE: SEE FINISH SCHEDULE FOR FINISH TYPE WALL TYPE - 03 (T03) SCALE: 3/4" = 1'-0"</p>	<p>5/8" GYP BD, FINISHED AND PAINTED 6" METAL STUD @ 16" O.C. GAUGE?</p> <p>INTERIOR INTERIOR NOTE: SEE FINISH SCHEDULE FOR FINISH TYPE WALL TYPE - 02 (T02) SCALE: 3/4" = 1'-0"</p>	<p>INSULATION? 5/8" GYP BD, FINISHED AND PAINTED 3 5/8" METAL STUD @ 16" O.C. GAUGE?</p> <p>ALL WALLS ARE TYPE 01 UNLESS NOTED OTHERWISE INTERIOR INTERIOR NOTE: SEE FINISH SCHEDULE FOR FINISH TYPE WALL TYPE - 01 (T01) SCALE: 3/4" = 1'-0"</p>
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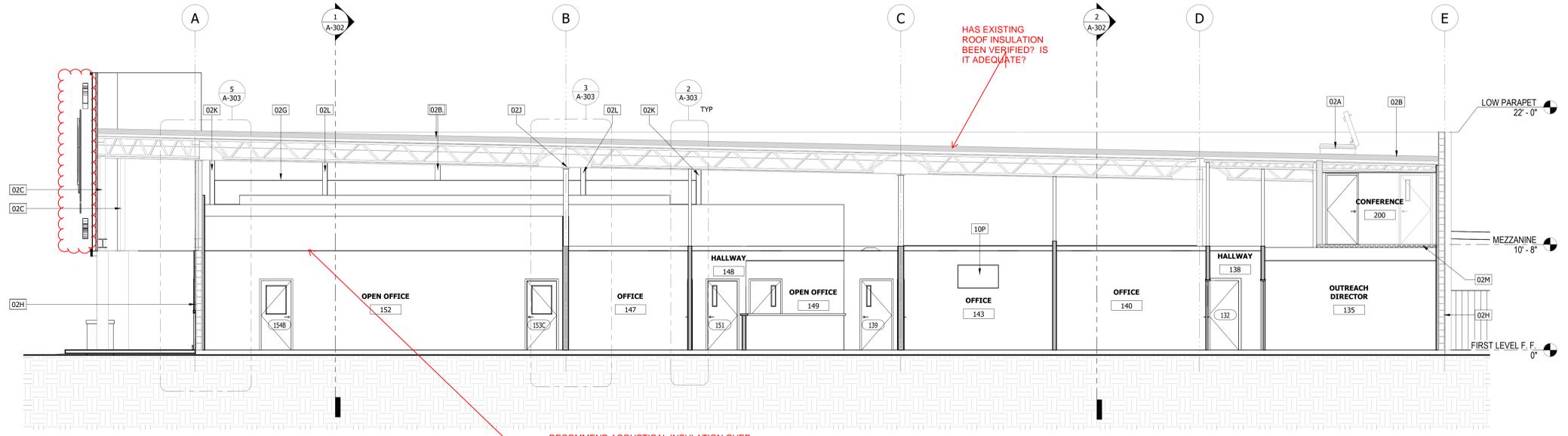
This sheet doesn't include minimum metal stud gauges.

SEE SHEET A-011 FOR MINIMUM STUD GAUGES, SIZE FOR L/240 MAX. DEFLECTION.

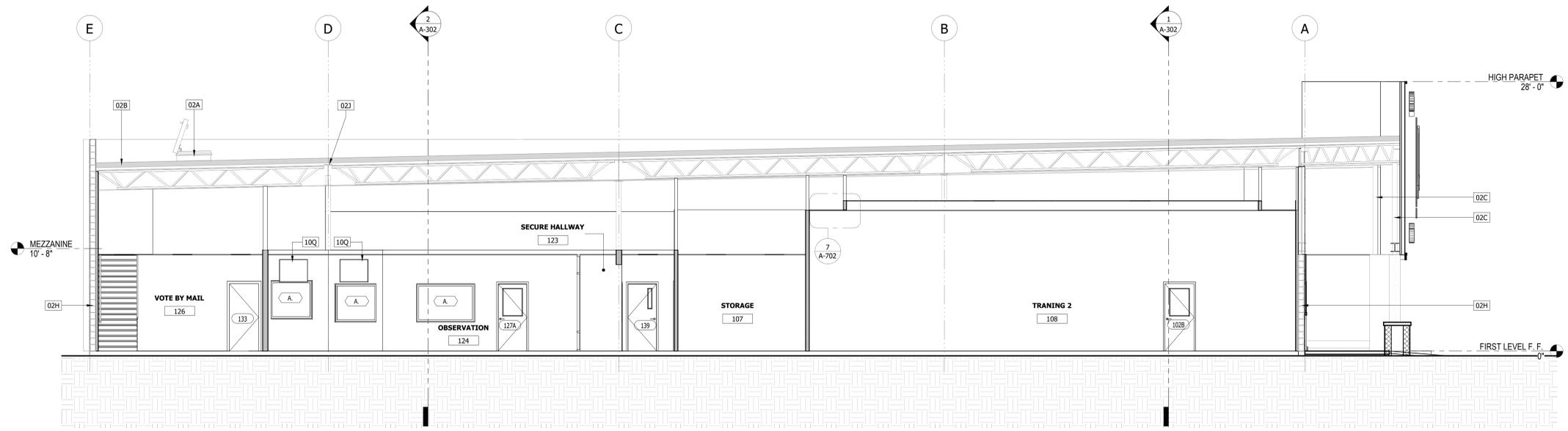
WE SEE NO REFERENCE TO ACOUSTICAL INSULATION BEING PROVIDED IN WALL CAVITIES OR ABOVE CEILINGS. HOW IS SOUND BEING ATTENUATED?
WHAT IS THE STC RATING OF THE INTERIOR WALLS?

GAUGE OF STUD?

KEYNOTES	
NO.	KEY
02A	EXISTING ROOF HATCH
02B	EXISTING METAL JOIST AND ROOF SYSTEM (TYP)
02C	EXISTING PIPE COLUMN
02G	STEEL BEAM (SEE STRUCTURAL PLANS)
02H	EXISTING CMU WALL
02J	EXISTING STEEL BEAM
02K	EXISTING STEEL COLUMN
02L	DIAGONAL BRACE (SEE STRUCTURAL PLANS)
02M	EXISTING METAL DECK TO REMAIN
10P	WALL MOUNTED TV. 6' HGT FROM FF. (BY OWNER)
10Q	WALL MOUNTED TV. ABOVE WINDOW (BY OWNER)



2 TRANSVERSAL BUILDING SECTION - 2
3/16" = 1'-0"



1 TRANSVERSAL BUILDING SECTION - 1
3/16" = 1'-0"

FOR BIDDING ONLY

MARK.	DATE	DESCRIPTION

DESIGN

JOB NAME
SHEET NAME

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Burleigh Blvd., Tavares, FL 32778.

BUILDING SECTION

JOB # 25-11111
DATE 04/22/2025

SHEET NUMBER
A-301

ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO COMMENCEMENT OF CONSTRUCTION.

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MARK	DATE	DESCRIPTION

MARK	DATE	DESCRIPTION

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Burleigh Blvd., Tallahassee, FL 32378.

ENLARGED PLAN AND INTERIOR ELEVATIONS 152, 153 AND 155

JOB NAME
SHEET NAME

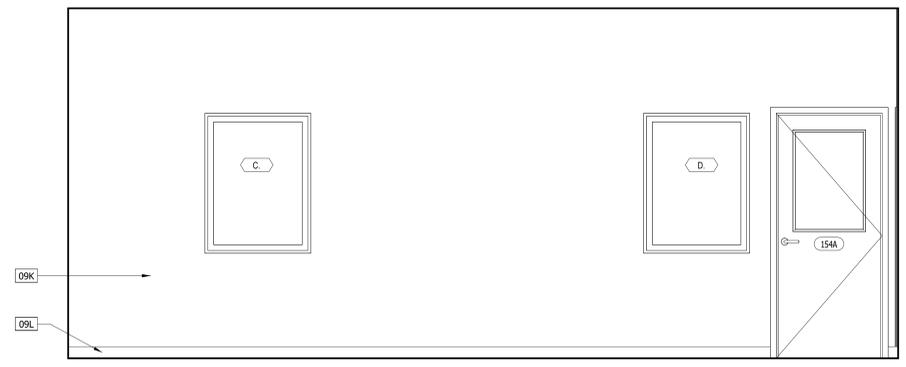
ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO COMMENCEMENT OF CONSTRUCTION.

JOB # 25-11111
DATE 04/22/2025

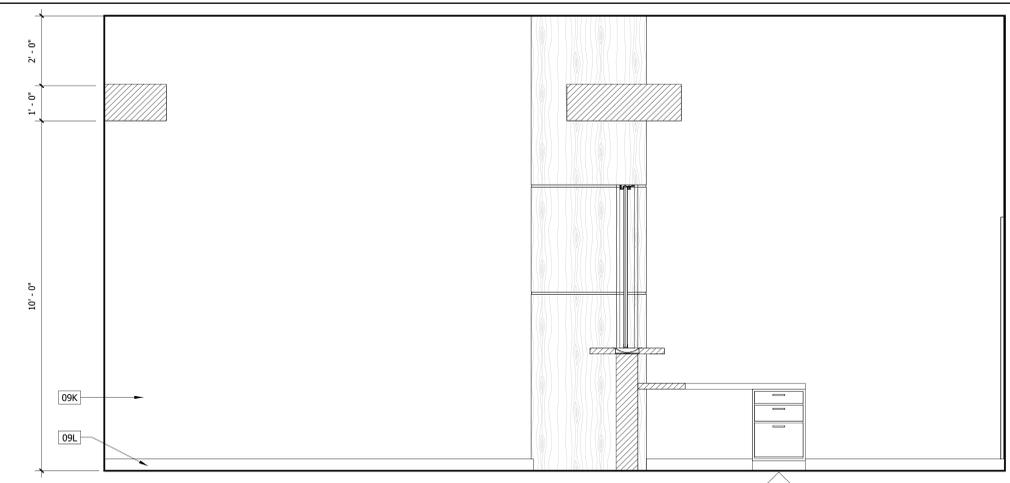
SHEET NUMBER
A-513

KEYNOTES	
NO.	KEY
09K	PAINTED GYPSUM
09L	BASEBOARD, REAL WOODS, RWBA. 03 (9/16" x 5-1/4") OR EQUAL

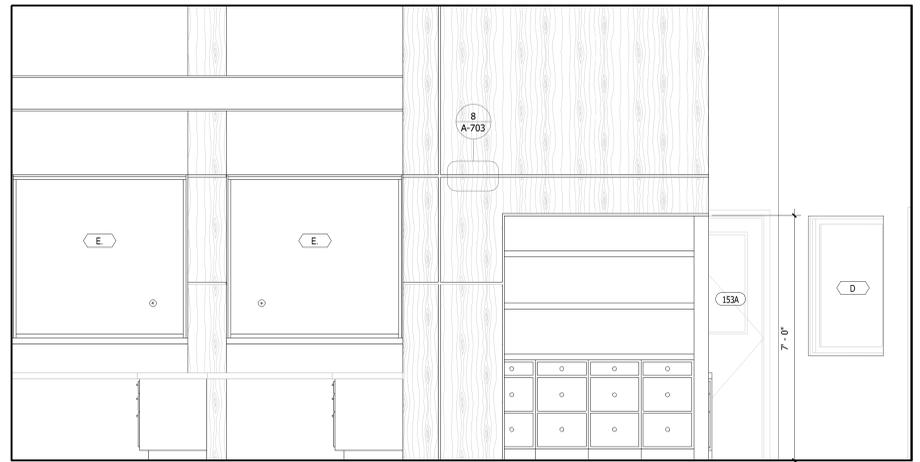
CABINET LEGEND	
142	WIC NUMBER
XX	CABINET WIDTH IN INCHES
YY	CABINET HEIGHT IN INCHES
ZZ	CABINET DEPTH IN INCHES



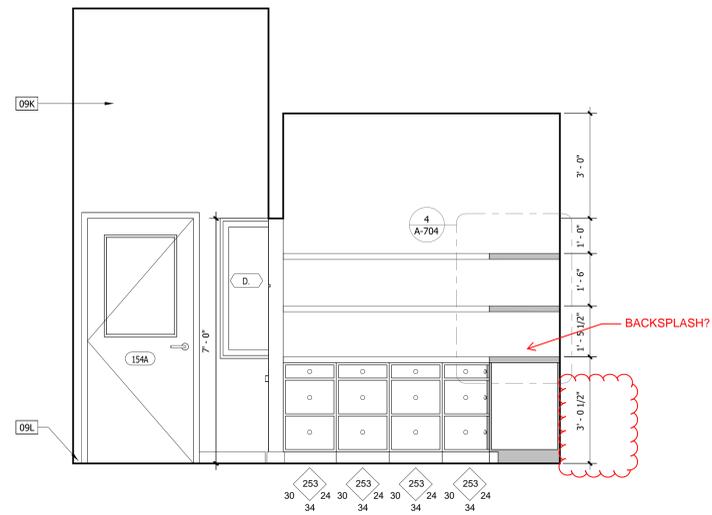
H 155-VR OFFICE-NORTH ELEVATION
1/2" = 1'-0"



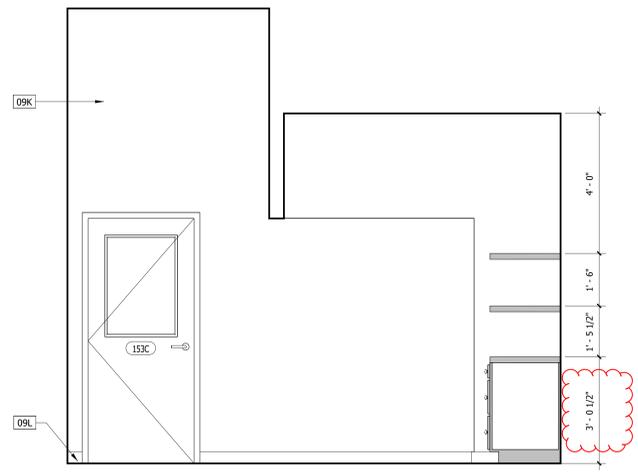
G 153- VOTER REGISTRATION- WEST ELEVATION
1/2" = 1'-0"



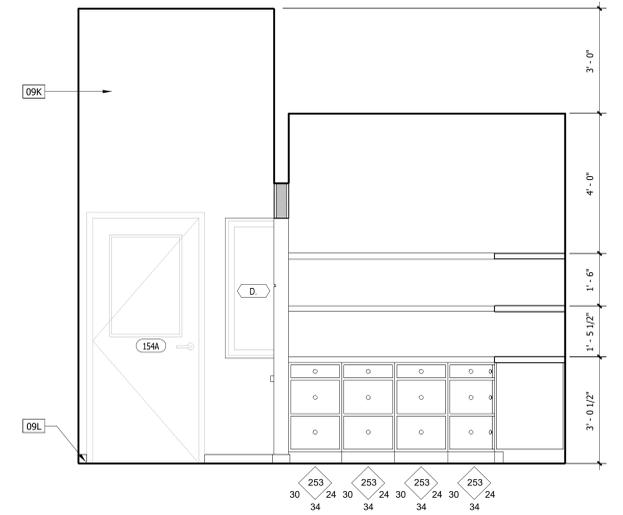
F 152-CALL CENTER-WEST ELEVATION 2
1/2" = 1'-0"



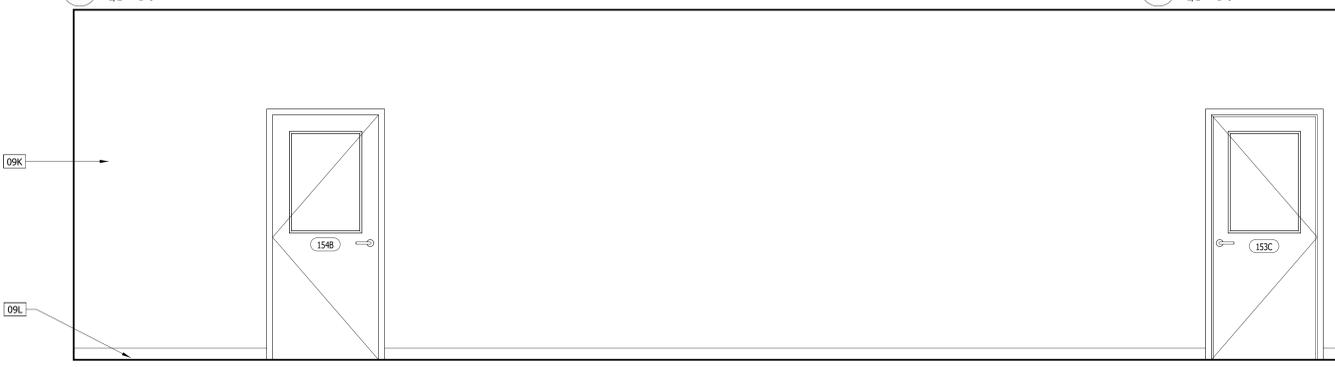
D 153- VOTER REGISTRATION- SOUTH ELEVATION
1/2" = 1'-0"



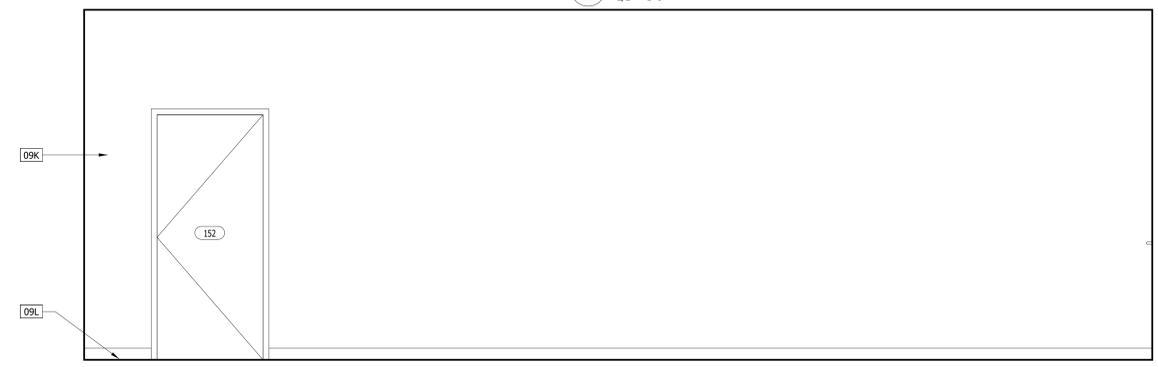
C 153- VOTER REGISTRATION- EAST ELEVATION
1/2" = 1'-0"



E 153- VOTER REGISTRATION SOUTH ELEVATION
1/2" = 1'-0"



B 152-CALL CENTER-WEST ELEVATION 1
1/2" = 1'-0"



A 152-CALL CENTER-SOUTH ELEVATION
1/2" = 1'-0"

FOR BIDDING ONLY

WINDOW SCHEDULE XXX

NUMBER	TYPE	SIZE		HEIGHT		DETAIL		SILL
		WIDTH	HEIGHT	HEAD	JAMB	HEAD	JAMB	
FIRST LEVEL F. F.								
A	WA	6'-0"	4'-0"	7'-4"	3'-4"	7/A701		6/A701
B	WA	6'-0"	4'-0"	7'-0"	3'-0"	7/A701		6/A701
C	WB	3'-0"	4'-0"	8'-6"	4'-6"	7/A701		5/A701
D	WB	3'-0"	4'-0"	7'-0"	3'-0"	7/A701		6/A701
E	WC	5'-0"	4'-8"	8'-0"	3'-4"			Amortec, Inc. Bullet Resistant Aluminum Transaction Window Frames With Speak Thru
F	WC	3'-0"	4'-8"	7'-4"	2'-8"			Amortec, Inc. Bullet Resistant Aluminum Transaction Window Frames With Speak Thru
G	WD	4'-4"	7'-2"	9'-10"	2'-8"	3/A701		2/A701

WINDOW SCHEDULE NOTE:
1) REPLACE EXISTING GLAZING WITH BALLISTIC RESISTANT GLAZING LEVEL 3
2) MODERNFOLK ACCOUTI-SEAL LEGACY 900

DOOR SCHEDULE XXX

TYPE	DOOR PANEL			HEAD HEIGHT	FRAME TYPE	DETAIL			RATING	HARDWARE SET #	COMMENTS
	WIDTH	HEIGHT	THICKNESS			HEAD	JAMB	THRESHOLD			
FIRST LEVEL F. F.											
100A	-	6'-8"	7'-8"	10"	7'-8"	DFA	11/A701	10/A701	9/A701		EXISTING AUTOMATIC SLIDING DOOR
100B	-	6'-8"	7'-8"	10"	7'-8"	DFA	11/A701	10/A701	9/A701		EXISTING AUTOMATIC SLIDING DOOR
102	DA	6'-0"	8'-0"	2"	7'-0"	DFA	11/A701	10/A701	9/A701	1.0	DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
102B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	8.0	DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
102C	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	7.0	DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
104	-	3'-0"	8'-0"	1 3/4"						17.0	
105	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	22.0	
106	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	22.0	
107	DD	6'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	18.0	
108A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	2.0	
108B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	2.0	
109A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	8/A702	4/A702	-	3.0	
109B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	5.0	
110	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
111	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
112	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
113	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	8/A702	4/A702	-	4.0	
114	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	10.0	
115	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	6.0	
116	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	12.0	
117	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	12.0	
118	DE	3'-0"	7'-0"	1 3/4"	7'-0"						EXISTING FIRE RISER DOOR
119A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	8/A702	4/A702	-	4.0	
119B	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	16.0	
119C	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	15.0	
120	DE	3'-0"	7'-0"	1 3/4"	7'-0"						EXISTING RESTROOM DOOR
121	DE	3'-0"	7'-0"	1 3/4"	7'-0"						EXISTING RESTROOM DOOR
122A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	8.0	DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
122B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	20.0	
123	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	6.0	
124	-	3'-0"	8'-0"	1 3/4"						9.0	
125A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	8/A702	4/A702	-	4.0	
125B	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	16.0	
125C	DF	6'-0"	8'-0"	2"	8'-0"	DFB	7/A702	6/A702	5/A702	23.0	
126A	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	15.0	
127A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	8.0	DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
127B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	16.0	
128	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	21.0	
129	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	15.0	
130	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	6.0	
131A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	6.0	
131B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	19.0	
131C	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	6.0	
132	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	10.0	
133	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	12.0	
134	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
135	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
136A	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	11.0	
136B	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	10.0	
138	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-	4.0	
139	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	6.0	
140	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
141	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
142	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
143	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
144	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
145A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
145B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
146	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
147	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
150	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	11.0	
151	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
152	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-	2.0	
153A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	7.0	DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
153B	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	11.0	
153C	DB	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	5.0	
154A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	13.0	
154B	DB	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	14.0	
MEZZANINE											
200A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	15.0	
200B	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	10.0	
201	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701	12.0	

STOREFRONT SCHEDULE XXX

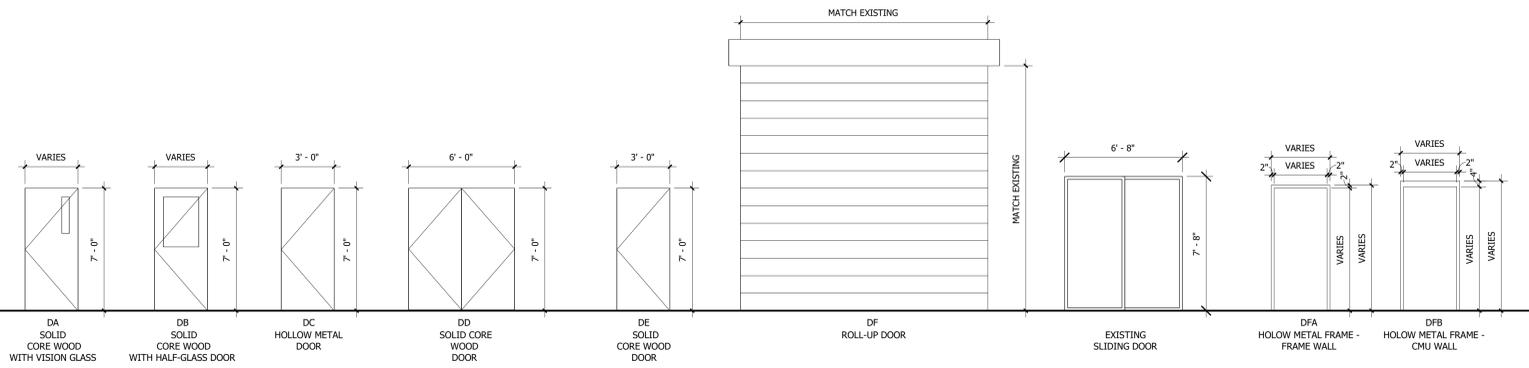
NUMBER	TYPE	WIDTH	HEIGHT	DETAIL				FIRE RATING
				HEAD	JAMB	SILL	THRESHOLD	
FIRST LEVEL F. F.								
102		11'-4"	10'-0"	15/A701	14/A701	1/A701	12/A701	-
104		9'-10"	10'-0"	15/A701	14/A701	1/A701	12/A701	-
124		5'-2 3/8"	10'-0"	15/A701	14/A701	1/A701	12/A701	-

GENERAL DOOR NOTES:

- GENERAL CONTRACTOR TO SUBMIT TYPE-WRITTEN SHOP DRAWINGS AND PRODUCT LITERATURE FOR ALL DOORS AND HARDWARE SPECIFIED (PREPARED BY A LICENSED AND CERTIFIED CONSULTANT)
- THE CONTRACTORS WILL INSTALL ALL DOORS, FRAMES, HARDWARE, LOCK SETS, AND ENTRANCE DOORS.
- G.C. TO VERIFY OPENING DIMENSIONS IN FIELD PRIOR TO FABRICATION AND INSTALLATION.
- SEE STOREFRONT ELEVATIONS AND NOTICES OF ACCEPTANCE FOR TEMPERED GLASS LOCATIONS.
- ALL STOREFRONT WINDOWS AND DOORS ARE REQUIRED TO BE TESTED IN ACCORDANCE WITH ANS/AMMA/NWWDA 101/152 STANDARDS AND BEAR AN ANMA OR NWDA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTITY.
- ALL STOREFRONT WINDOWS AND DOORS SHALL BE ANCHORED PER NOTICE OF ACCEPTANCE AND PUBLISHED MANUFACTURERS RECOMMENDATIONS TO ACHIEVE THE DESIGN PRESSURE SPECIFIED.
- ALL STOREFRONT WINDOWS AND DOORS SHALL BE ANCHORED AS PER APPLICABLE CODE - ANY STOREFRONT WINDOWS OR DOORS WITH A BUCK THICKNESS LESS THAN 1-1/2" SHALL BE ANCHORED THROUGH THE JAMB INTO THE ADJACENT STRUCTURAL SUBSTRATE.
- STOREFRONT MULLIONS AND ADJACENT DOOR ASSEMBLIES ARE REQUIRED TO BE TESTED OR ENGINEERED TO TRANSFER MIN 1.5 TIMES THE DESIGNED LOADS TO THE ROUGH OPENING SUBSTRATE (OR AS PER CODE).
- PROVIDE INFORMATION SIGN ON INTERIOR PUSH SIDE OF EXIT DOORS @ 52" H IN 1" HIGH RED VINYL LETTERS TO READ "THIS EXIT TO REMAIN UNLOCKED AT ALL TIMES THE BUILDING IS OCCUPIED."

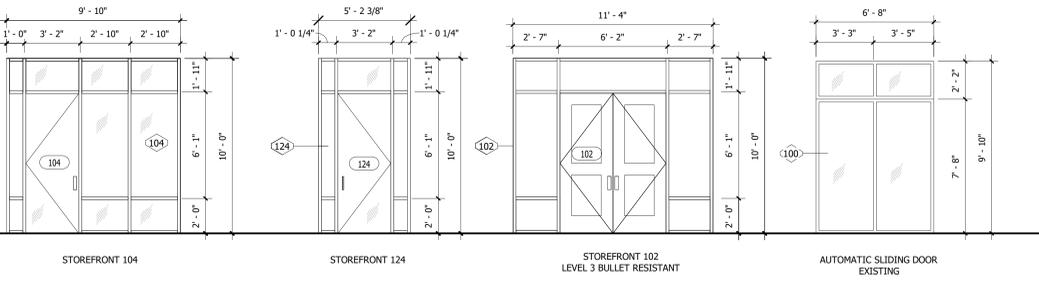
HARDWARE NOTES:

- ADJUST ALL CLOSERS TO A 5 LB. MAX. OPENING FORCE
- ALL EXTERIOR HOLLOW CORE METAL DOORS ARE TO BE INSULATED
- ALL HOLLOW CORE METAL DOORS AND FRAMES TO BE SHOP PRIMED AND PAINTED
- DOOR EGRESS/PANIC SYSTEMS MUST BE IN COMPLIANCE WITH SPECIAL EGRESS CONTROL DEVICES LISTED IN LOCAL CODES
- SUBMIT DETAILED HARDWARE SCHEDULE FOR ARCHITECT AND/OR OWNER REVIEW PRIOR PURCHASE AND INSTALLATION
- ALL DOORS AND HARDWARE TO COMPLY WITH ADA AND CODE OF FEDERAL REGULATION, UTILIZING A LEVER LATCH OR LOCKSET
- ALL DOORS AND HARDWARE SHALL COMPLY WITH N.F.P.A. 101-5.2.1.5

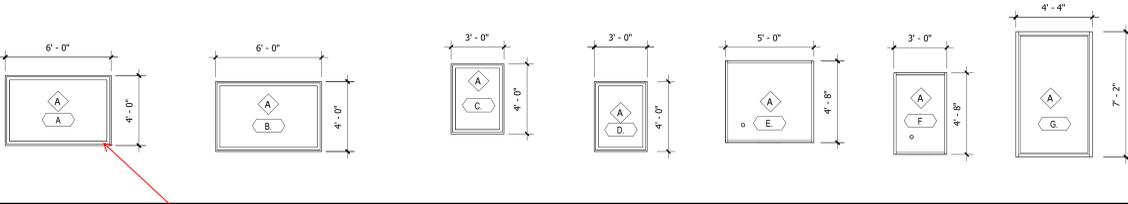


DOOR TYPE

DOOR FRAME TYPE



STOREFRONT TYPES



WINDOW TYPES

WHAT ARE THE SILL HEIGHTS OF THESE WINDOWS?

FOR BIDDING ONLY

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Burlingame Blvd., Tavares, FL 32778.
DOOR & WINDOW TYPES & SCHEDULE

JOB # 25-1111
DATE 04/22/2025
SHEET NUMBER A-601

