P.O. Box 1026
Crossville, TN 38557
Ph. 931-484-7541
www.uplanddesigngroup.com

Addendum No. 1, January 12, 2026

Re: Tennessee Technological University
Academic Wellness Center Renovations
SBC Project No. 364/011-01-2025

From: Upland Design Group, Inc.
P.O. Box 1026 (38557)
362 Industrial Blvd.
Crossville, TN 38555
Telephone (931) 484 7541
Fax (931) 484 2351

To: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated December 10, 2025, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

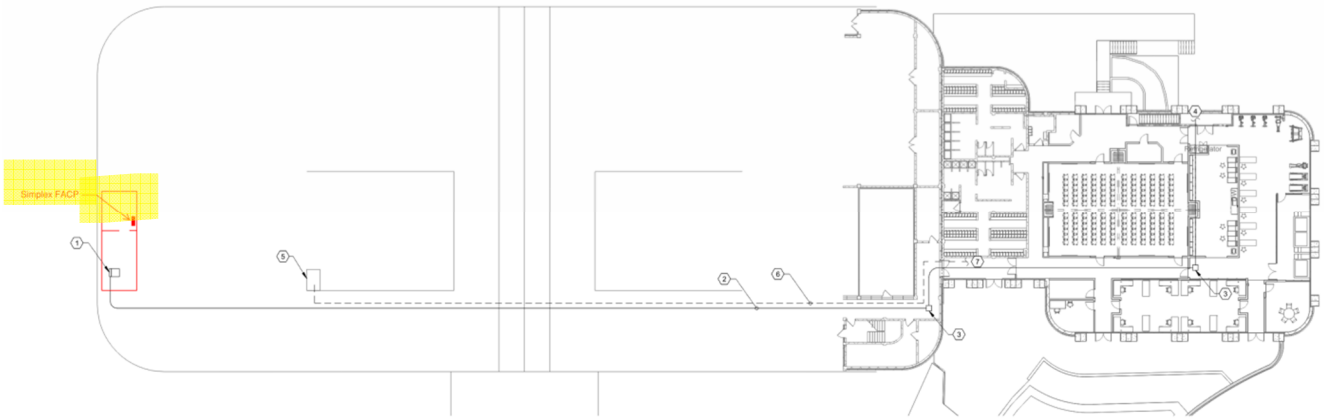
This Addendum consists of 3 pages and 30 pages of attachments (33 pages total).

Prebid Sign-In Sheets

1) Attached is the Pre-Bid Meeting Sign-in.

Clarifications

1) There is no additional roof work on this project outside of the replacing of an existing roof top unit with a new unit. Existing roof warranties are to be maintained. Coordinate with existing conditions and new RTU for any modifications required to the existing roof curb.
2) At contractor's option, the infill of the pool can be 3/4" crushed stone in lieu of the underslab extruded polystyrene insulation infill. The location of this crushed stone option is where the hatch and notation for the underslab extruded polystyrene insulation infill is called out throughout the drawings.
3) Existing fire alarm control panel is a Simplex 4100ES. The 4100ES is a fully networkable FACP that supports up to 3,000 points. It features addressable technology, scalable design flexibility, and audio capability. Coordinate with Fire Protection drawings for integration / work associated with existing panel.
4) The campus controls standard is Schneider Electric.
5) The Owner will remove existing cameras and AP's that are currently in the natatorium. They will store them and place them after the renovation work.
6) The existing stainless steel pool gutter, stiffener angles, and surrounding grout to be removed. Remove the grout as required to achieve a crisp, straight edge between existing concrete to remain and the demolition work to allow new concrete slab turn down. Field verify dimensions once pool gutter and surrounding grout has been removed. Coordinate with renovation drawings.
7) The existing fire alarm panel is located off of the room containing the main switch gear as shown on E1.0. See approximate location below:



8) The new RTU shall be supplied from the manufacturer with an onboard microprocessor, control components, and a BACnet interface. The Schneider Controls system shall integrate with the manufacturer's controls for monitoring and setpoint control.
9) All VAV controllers shall be Schneider Electric controllers per spec section 23 85 00 2.J.6

Approved Substitutions

10) Refer to Section 08 41 13 Aluminum Framed Entrances and Storefronts. Tubelite 401 Storefront by Apogee Architectural Metals is an approved substitution.
11) Refer to Section 09 65 66 Resilient Athletic Flooring. DynaFit Performance 10.5mm by Dynamic Sports Construction, Inc. is an approved substitution. DynaFit Performance 10.5mm to be glued down version.
12) Refer to Section 09 65 66 Resilient Athletic Flooring. OSST ComPact-Fleck 10 mm by Ecore Athletic is an approved substitution. OSST ComPact-Fleck 10mm to be glued down version.
13) Refer to Section 12 32 00 Manufactured Wood Casework. ACS (Advanced Cabinet Systems) is an approved substitution.

Changes to Specifications:

14) Refer to Section 00 01 00 Table of Contents. Remove section 00 61 43 Three Year Roof Bond from the table of contents.
15) Refer to Section 00 01 00 Table of Contents. Add section 06 61 16 with 2 pages to the table of contents.
16) Refer to Section 00 01 00 Table of Contents. Add section 09 21 16 with 3 pages to the table of contents.
17) Refer to Section 00 01 00 Table of Contents. Add section 09 22 16 with 2 pages to the table of contents.
18) Refer to Section 00 01 00 Table of Contents. Add section 12 24 13 Roller Window Shades with 5 pages to the table of contents.
19) Refer to Section 00 01 15 List of Drawings. Add sheet A6.1 Plan Details / Millwork Details to the list of drawings.
20) Refer to Section 06 61 16 Solid Surfacing Fabrications. Add attached section.
21) Refer to Section 09 21 16 Gypsum Board Assemblies. Add attached section.
22) Refer to Section 09 22 16 Non-Structural Metal Framing. Add attached section.
23) Refer to Section 09 68 00 Carpeting section 2.1 Carpet tile. Replace section with attached section.
24) Refer to Section 12 24 13 Roller Window Shades. Add attached section.

Changes to Drawings:

25) Refer to sheet Cover. Revise current revision and current revision dates for sheets modified by this addendum.
26) Refer to sheet Cover. Add sheet A6.1 Plan Details / Millwork Details to the Index to Drawings.
27) Refer to sheet LS1.1 – Life Safety Plan. Rated wall marking added to Basement Notations to match other floor plan sheets. Hatch added to show which portions of the basement are against backfill.
28) Refer to sheet D1.1 – Demolition – Natatorium. Rated wall markings added to sheet to match other floor plan sheets.
29) Refer to sheet D1.1 – Demolition – Natatorium, Demolition Plan Key Notes. Add note U to read “Remove existing stainless steel pool gutter. Remove associated existing grout around removed pool gutter as required to provide a clean surface for new concrete slab turn down and rebar doweling. Coordinate with structural drawings and field verify existing conditions and dimensions.” Add key note call outs to the floor plan showing the extent of the removed stainless steel pool gutter.
30) Refer to sheet D1.1 – Demolition – Natatorium, Demolition Plan Key Notes. Add note V to read “Remove existing wall mounted fan and turn over to the Owner.” Add key note V to wall adjacent to door into Ex Storage EX167.
31) Refer to sheet D1.2 – Demolition – Natatorium RCP. Rated wall markings added to sheet to match other floor plan sheets.
32) Refer to sheet A1.1 – Floor Plan – Dimensions. Rated wall markings added to sheet to match other floor plan sheets.
33) Refer to sheet A1.2 – Floor Plan – Notations, Floor Plan Key Notes. Change key note ‘K’ to read “New concrete turndown at area of removed pool gutter. Tie into existing concrete slab. Cap any piping out of removed pool gutter prior to pouring new concrete turndown – see detail 6/A3.4.”
34) Refer to sheet A1.3 – Basement Floor Plan. Rated wall markings added to sheet to match other floor plan sheets. Hatch added to show which portions of the basement are against backfill.
35) Refer to sheet A2.1 – Finish Schedule and Door Schedules. Change floor of space 159 to WCT.
36) Refer to sheet A2.1 – Finish Schedule and Door Schedules – Finish Schedule Legend. Add SRF – Sport Rubber Flooring to the legend.
37) Refer to sheet 3.4 – Interior Elevations. Add details 5 and 6 showing the demolition detail of the existing pool gutter and the new pool edge detail.
38) Refer to sheet A4.1 – Wall Sections – Wall Section 2. Add callout and modification to the pool edge turndown per detail 6/A3.4.
39) Refer to sheet A4.4 – Wall Sections – Wall Sections 1 and 3. Add callout and modification to the pool edge turndown per detail 6/A3.4.
40) Refer to sheet A5.1 – Reflected Ceiling Plan. Rated wall markings added to sheet to match other floor plan sheets.
41) Refer to sheet A5.1 – Reflected Ceiling Plan General Notes – note 2. Add missing reference pages of FP0.1 through FR0.1 to note 2.
42) Refer to sheet A5.1 – Reflected Ceiling Plan – Key Notes. Add key note “H” to read “Ceiling-mounted manually operated window roller shade. Coordinate with specifications section 12 24 13 Roller Window Shades.”
43) Refer to sheet A5.1 – Reflected Ceiling Plan. Add ceiling mounted window roller shades in Doctor’s Office 174, Head Trainer Office / Conf. 186, and Assistant Trainer Offices 187 as shown on revised A5.1.

END OF ADDENDUM

January 6th, 2026

TTU Academic Wellness Center
Cookeville, Tennessee

PRE-BID MEETING SIGN-IN

	Name	Representing	Phone	Email Address
1.	DUSTIN HALLBURTON	STUBBS CONST	928-814-9996	dustin@stubbsllc.com
2.	Catie Bishop	Conseco Group	518-928-9882	catieb@consecagroup.com
3.	Jeff Somers	Kennaff Renovations	404. 791. 8788	Jeff.Somers@kkrenovations.com
4.	MARK Turner	Helios Energy	225-223-1828	mturner@heliosenergyus.com
5.	Peiman Ahadsandi	Helios Energy	310-933-3247	PeimanA@Heliosenergyus.com
6.	Jake Bishop	Drakes Creek Builders	615-559-8636	jbishop@drakescreekbuilders.com
7.	Logan Dodd	FTM Contracting	615-946-9389	ldodd@ftmcontracting.com
8.	Tom McCarthy	FTM	931-528-1137	tmccarthy@ftmcontracting.com
9.	Jacky Dobbs	FTM	931-528-1137	jdobbs@ftmcontracting.com
10.	Amanda Brantley	FTM	931-528-1137	abrantley@ftmcontracting.com
11.	Shane Spurlock	M&D Electric	931-644-0143	sspurlock@maddelectric.com
	Khaylynn Butler	AE Fire Protection	931-252-7338	khbutler@aefireprotection.net
	Ed Butler	AE Fire Protection	931-520-1977	ebutler@aefireprotection.net

	Name	Representing	Phone	Email Address
	Chris Scissa	Turner? Const	423-73 20045	cscissor@ Turnersconstruct llc .com
12.	Michael Petty	King Const.	931-260-7239	MPetty@KingCGI.com
13.	Bailey Phillips	Mid-state	931-357-1837	bailey@mid-stateconstruction.com
14.	Bobby Moore	Lakeland Elec	931-526-7214	bmoore@lakelande.com
15.	Rick Windrow	TTU	931-372-6072	rwindrow@tntech.edu
16.	Bob Scarbrough	TTU	931-239-1690	rscarbrough@tntech.edu
17.	Matt Dexter	TTU Athletics	931-267-1043	mmdexter@tntech.edu
18.	Nicole Sims	TTU design manager		nsims@tntech.edu
19.	Carter Ashby	Moffett Loftis Engineering	931-526-5143	carter@moffett-loftis.com
20.	Justin Newell	Moffett Loftis Eng.	931-526-5143	justin@moffett-loftis.com
21.	David Bilbrey	Advanced Bldg Cont.	(931)261-7212	david.bilbrey@gmail.com
22.	Brent Harrell	Four Seasons, Inc.	865-219-7730	brent@fourseasonscorp.com
23.	Karina Perdue	State of Tennessee	615-253-5660	karina.garcia-perdue@tn.gov
24.	Camren Martin	Skilled Services	423-736-1009	estimating@skservicesllc.com
25.	Gary Loftis	MLE	931-526-5143	gary@moffett-loftis.com
26.	O'Michael Powers	Powers Heating + Air	404-358-0706	VPowers.heatandair@Gmail.com
27.	Nathan Morgan	Romach, Inc.	615-794-8228	nmorgan@romachconst.com
	Seth Hudson	HD Commercial	931-544-9312	sethhudson475@gmail.com
	David Mattson	HD Commercial	931-261-9836	mattsonec@gmail.com

Upland Design Group

PROJECT: _____ DATE: _____

PROJECT #: _____

Caleb Goss MAC Mechanical 931.854.8918 cgoss@macmechanicaltn.com

Luke Greene const. Harry Puckett 615-631-1808 harry@lukegreene.com

Matt Laferver MacMechanical 931-260-7295 mlaferver@macmechanicaltn.com

www.uplanddesigngroup.com
P.O. BOX 1026 • CROSSVILLE, TN 38557 • 931-484-7541

Section 06 61 16 Solid Surfacing Fabrications

Part 1 General

1.1 General
Applicable provisions found in the Bid/Contract Requirements and Division 1, General Requirements apply to the Work under this Section.

1.2 Scope
Work described in this section:

1. Countertops

1.3 Related Work
A. Finish Carpentry
B. Plumbing

1.4 Submittals
A. Shop drawings: indicate dimensions, component sizes, fabrication details, attachment provisions and coordination requirements with adjacent work.
B. Samples: Submit minimum 2" x 2" (50 mm x 50 mm) samples. Indicate full range of color and pattern variation. Approved samples will be retained as standards for work.
C. Product data: Indicate product description, fabrication information and compliance with specified performance requirements.
D. Maintenance data: Submit manufacturer's care and maintenance data, including repair and cleaning instructions. Include in project closeout documents.

1.5 Quality Assurance
Allowable tolerance:

1. Variation in component size: 1/8" (3mm).
2. Location of openings: 1/8" (3mm) from indicted location.

1.6 Delivery, Storage And Handling
A. Deliver no components to project site until areas are ready for installation. Store components indoors prior to installation.
B. Handle materials to prevent damage to finished surfaces. Provide protective coverings to prevent physical damage or staining following installation of duration of project.

1.7 Warranty
Provide manufacturer's 10-year warranty against defects in materials. Warranty shall provide material and labor to repair or replace defective materials.

Part 2 Products

2.1 Materials
A. Countertop material to be Corian Surfaces from The Dupont Company, or prior approved substitution. Equal products from Formica, Wilsonart and Nevemar are approved.

B. Color to be as selected from all manufacturer's standard colors, Group 1-3..
C. Material: Homogeneous filled acrylic; not coated, laminated or of composite construction; meeting ANSI Z124.3 & 6, Type Six, and Fed. Spec. WW-P-541E/GEN.
D. Countertops: 1/2" thick Corian, adhesively joined with inconspicuous seams; edge details as specified on the Drawings.
E. Sinks shall be Corian #810 lavatory sink – color Glacier White.
F. Joint adhesive: Manufacturer's standard two-part adhesive kit to create inconspicuous, non-porous joints, with a chemical bond.

Part 3 Execution

3.1 Fabrication

A. Fabrications to be performed by a Certified Corian fabricator/installer.
B. Fabricate components in shop to greatest extent practical to sizes and shapes indicated, in accordance with approved shop drawings and DuPont requirements.
C. Form joints between components using manufacturer's standard joint adhesive. Joints shall be inconspicuous in appearance and without voids. Attach 2" (50 mm) wide reinforcing strip of Corian under each joint.
D. Provide holes and cutouts for plumbing and bath accessories as indicated on the Drawings.
E. Rout and finish component edges to a smooth, uniform finish. Rout all cutouts, and then sand all edges smooth. Repair or reject defective or inaccurate work.
F. Finish: All surfaces shall have uniform semi gloss finish.

3.2 Installation

A. Install components plumb and level, in accordance with approved shop drawings and product installation details.
B. Form field joints using manufacturer's recommended adhesive, with joints inconspicuous in finished work.
C. Provide backsplashes and endsplashs as indicated on the Drawings. Adhere to countertops using manufacturer's standard color-matched silicone sealant.
D. Keep components and hands clean during installation. Remove adhesives, sealants and other stains Components shall be clean on Date of Substantial Completion.
E. Make plumbing connections to sinks in accordance with Mechanical Drawings & Specifications.
F. Protect surfaces from damage until Date of Substantial Completion. Repair or replace damaged work.

End Of Section

Section 09 21 16 Gypsum Board Assemblies

Part 1 General

1.1 General
Applicable provisions found in the Bid/Contract Requirements and Division 1, General Requirements apply to the Work under this Section.

1.2 Scope
The work required under this Specification consists of metal studs, gypsum drywall systems and finishing.

1.3 Related Work
A. Painting is specified under this DIVISION.
B. Sustainable Design Requirements in DIVISION 01

1.4 Manufacturer
Materials shall be as manufactured by US Gypsum, Certainteed, Temple Inland, or approved substitute.

1.5 Delivery And Storage
All materials shall be delivered to the job in original unopened containers or bundles and stored to provide protection from damage and exposure to the elements.

1.6 Standards
Where UL assemblies are noted on the Drawings, all materials and processes including fasteners shall be carefully adhered to, to assure assembly integrity.

1.7 Submittals
Provide product data sheets on all materials.

Part 2 Products

2.1 General
A. Recycle Content of Gypsum Panels: Provide products such that postconsumer recycle content plus one half of pre-consumer recycle content is not less than 45 percent.
B. Sustainable Materials Criteria: General Emissions Evaluation Certification: Products must be compliant CDPH Standard Method v1.2-2017 and comply with the VOC limits in Table 4-1 of the method. Products must be evaluated using the default private office scenario.

2.2 Wallboard
Provide 5/8” thick USG Fiber-Rock Abuse Resistant gypsum boards or type ‘X’ fire-rated 5/8” thick gypsum boards at locations as indicated on the drawings. Typically abuse resistant to 8’ height with regular 5/8” above except full height abuse resistant in corridors and lobbies. All boards shall meet fire rating requirements equal to standard Type “X” boards. Georgia-Pacific 5/8” DensArmor Plus®

Abuse-Resistant Interior Panels by and National Gypsum 5/8" Fire-Shield Hi-Abuse XP Gypsum Board are equal abuse resistant substitutions. Use 5/8” thick USG Fiber-Rock Tile Backerboard and Underlayment at locations of wall porcelain tile. Shaft wall material shall be 1” Type ‘X’ USG Sheetrock Brand Glass-Mat Liner Panels Mold Tough. Equal products from National Gypsum and Georgia-Pacific are approved.

2.3 Joint Treatment

A. Joint compound shall be setting type such as "Durabond 90" for cementing tape and "Ready Mixed Joint Compound-All Purpose" for fill coats, as manufactured by US Gypsum.
B. Joint tape shall be paper type as manufactured by US Gypsum. Fiberglass type is not acceptable. Equal products from USG, Gold Bond and National Gypsum are approved.

2.4 Accessories

A. Metal trim shall be No. 200-A as manufactured by US Gypsum.
B. Corner bead shall be "Dur-A-Bead" as manufactured by US Gypsum.
C. Equal products from USG, Gold Bond and National Gypsum are approved.
D. Screws shall be as recommended by the Gypsum Association for specific application and as recommended by the wallboard manufacturer for general application.
E. Provide zinc control / expansion joint materials. In fire rated walls, maintain wall rating by firestopping with UL approved system or using a joint that will maintain the fire rating.
F. Provide steel end wall trim where shown on the drawings including all jamb and head conditions abutting aluminum storefront as manufactured by EZ Concept US. Equal products by ClarkDietrich and USG are approved.

Part 3 Execution

3.1 Installation Requirements

A. Provide uniform temperature in the range of 50 degrees F., to 70 degrees F. Provide ventilation to remove excess moisture.
B. Provide a Level 4 finish on all gypsum wallboard areas to be painted. The level of finish shall be based upon GA-214-07. Provide a Level 5 finish at specific Spaces as called for on the Drawings Finish Schedule.
C. All ends and edges of all gypsum wallboard shall occur over supporting members. To minimize end joints, use wallboard of maximum practical lengths. Boards shall be brought into contact, but shall not be forced into place. Where ends or edges abut, they shall be neatly filled.
D. Apply metal trim at exposed edges of wallboard and at external corners.
E. Openings cut in wallboard to fit electrical outlets, plumbing, piping, etc., shall fit snugly, and shall be small enough to be covered by plates and escutcheons. Both face and back paper shall be cut for all cutouts, which are not made by use of a saw.

3.2 Wallboard Installation

A. Gypsum wallboard shall be applied with long dimension at right angles to framing members, and all abutting ends and edges shall occur over stud flanges. Wallboard of the maximum practical length shall be used to minimize end joints. All end joints shall be neatly fitted and

staggered. Joints on opposite sides of the partition shall be so arranged so as to occur on different studs.

B. For vertical single layer wallboard application, 1" Type S screws shall be spaced a maximum of 12" o. c. in the field of the board and 8" o. c. staggered along the vertical abutting edges.

C. Install expansion / control joints where indicated on the Drawings but at least at a maximum distance of 30’.

3.3 Joint Treatment

A. Joint compound and topping compound for wallboard installation shall be mixed in accordance with print instructions contained on the package.

B. A uniformly thin layer of joint compound shall be applied over the joint approximately 4" wide. The tape shall be centered over the joint and embedded into the compound leaving sufficient joint compound under the tape to provide proper bond. Ceiling and wall angles and inside corner angles shall be reinforced with the tape folded to conform to the angle and embedded into the compound.

C. After compound is thoroughly dry, the tape shall be covered with a coat of joint compound or topping compound spread over the tape approximately 4" on each side of the tape, and feathered out at the edge. After thoroughly dry, another coat of joint compound and topping compound shall be applied with a slight, uniform crown over the joint. This coat shall be smooth and the edges feathered approximately 3" beyond the preceding coat.

D. All nail or screw heads or dimples shall receive three coats of joint compound or topping compound, applied as each coat is applied to the joints allowing 24 hours drying time between coats.

E. Flanges of wallboard corner bead shall be concealed by at least two coats of compound. The first coat shall be joint compound, and the second coat may be either joint compound or topping compound, feathered out approximately 9" on both sides of the exposed metal nose.

F. Allow each application of compound to joints and nail heads to dry; then sand if necessary. Caution shall be used to avoid roughing of the wallboard paper. All wallboard and treated areas shall be smooth and ready for decoration.

End Of Section

Section 09 22 16 Non-Structural Metal Framing

Part 1 General

1.1 General
Applicable provisions found in the Bid/Contract Requirements and Division 1, General Requirements apply to the Work under this Section.

1.2 Scope
The work required under this Specification consists of non-structural metal stud framing.

1.3 Related Work
A. Sustainable Design Requirements in DIVISION 01
B. Painting is specified under this DIVISION.
C. Gypsum Board Assemblies are specified in 09 21 16
D. Cold-formed structural metal framing is specified under 05 40 00.

1.4 Manufacturer
Materials shall be as manufactured by US Gypsum, ClarkDietrich Building Systems or Scafco Steel Stud Mfr. Co..

1.5 Delivery And Storage
All materials shall be delivered to the job in original unopened containers or bundles and stored to provide protection from damage and exposure to the elements.

1.6 Standards
Where UL assemblies are noted on the Drawings, all materials and processes including fasteners shall be carefully adhered to, to assure assembly integrity.

1.7 Submittals
Submit manufacturers product literature on all materials.

Part 2 Products

2.1 Metal Studs
A. Interior metal studs shall be 20 gauge unless called otherwise on the Drawings at 3-5/8" or 6" widths as shown on the Drawings. Runners shall be galvanized of same gauge as studs.
B. Exterior metal studs shall be 20 gauge minimum. Metal stud supplier shall refer to structural design criteria on the structural drawings and size gauge as required to meet the Design Loads. at 3-5/8”, 6” or 8” widths as shown on the drawings. Runners shall be galvanized of same gauge as studs.
C. Resilient channels shall be RC-1 type 25 gauge.

2.2 Fasteners
Screws shall be as recommended by the Gypsum Association for specific application and as recommended by the wallboard manufacturer for general application.

Part 3 Execution

3.1 Stud System Erection

A. Attach metal runners to structural elements with suitable fasteners located 2" from each end and spaced 16" o. c. and 12" o. c. as noted on Drawings.

B. Position studs, engaging runners and spaced 16" o. c. or 12" o. c. Studs shall be placed either vertically or horizontally as indicated on the drawings.

C. Anchor all studs, adjacent to door and window frames, partition intersections, and corners to floor and ceiling runner flanges. Anchor studs to jamb and head anchor clips of doorframes by bolt or screw attachment. Over doorframes place horizontally a cut-to-length stud, extending to ceiling runner, at vertical board joints over doorframe header.

End Of Section

Section 09 68 00 Carpeting

Part 1 General

1.1 General
Applicable provisions found in the Bid/Contract Requirements and Division 1, General Requirements apply to the Work under this Section.

1.2 Scope
This Specification includes labor, materials, equipment and services required to furnish and install the carpet indicated on the Drawings and specified herein.

1.3 Standards
A. Conform to the requirements of ASTM E 84, Class II, fire spread test. Additionally, carpet must conform to Class "B" in accordance with Steiner Tunnel Test.
B. Conform to A.S.T.M. E-648, Radiant Panel Test, .22 watts/cm2.
C. Carpet shall be installed in accordance with "The Carpet and Rug Institute" publication "Standard for Installation of Commercial Textile Floor Covering Materials", CR1 104-1994.
D. The installer shall be a "Certified Installer" as judged by the carpet manufacturer.

1.4 Submittals
A. Laboratory tests showing compliance with above standards shall be submitted to the Designer for approval prior to installation.
B. Samples of all colors and patterns for carpet shall be submitted to the Designer. Designer shall select colors.

1.5 Product Handling
A. Deliver carpet in original boxes with manufacturer product information visible.
B. Store materials in well ventilated space and protect from damage, dirt, stains, moisture and vandalism.

1.6 Maintenance Materials
Provide 10% additional material of each product for maintenance.

Part 2 Products

2.1 Carpet Tile
A. Mfg.: Mohawk Group
B. Style: Hyper Earth BT 405
C. Color: As selected by the Owner
D. Install: Half-Lap or Brick Ashlar
E. Size: 12x36
F. Equal product – Mannington, Style/Color: Cross Talk / M50142 – 001A-9, Size 24x24, install Ashlar or Brick
G. Equal product - Mannington, Style/Color: Dispatch / Rotary 13146, size 24x24, install Ashlar or Brick

2.2 Walk Off Carpet

A. Mfg.: Patcraft
B. Style/Color: Moving / Pathway 00580
C. Size: 24x24
D. Install: Monolithic
E. Equal products by Mannington and Mohawk

2.3 Accessories

A. Carpet adhesive, adhesive primer, seam sealer, and edge sealers shall be as recommended by manufacturer with VOC content no more than 50 g/L.
B. Vinyl reducers, moldings, and other trim pieces shall be used at areas where carpet abuts a different finish material. These components shall be as manufactured by Johnsonite, Flexco or Roppe. Color to be selected by the Designer.
C. Use aluminum rectangular bar fire separator at all label doors. Size of separator to be as required for thickness of carpet to be installed.
D. Rubber base shall be 4” high Pinnacle as manufactured by Roppe. Long toe base shall be used at all locations of exposed or stained concrete. Equal products by Johnsonite and Flexco are approved. Color to be as selected by the Designer. Install in maximum available length using manufacturer’s recommended adhesive. Use separate, pre-molded corner pieces.

Part 3 Execution

3.1 Condition Of Surfaces

A. Examine surfaces to receive carpeting. Do not proceed with installation until defects which would hinder the production of satisfactory finished work have been corrected.
B. Subfloor shall be clean of debris, thoroughly dry, and free from oil, grease, chemicals, detergents, or solvents.
C. Broom clean all surfaces before beginning installation.

3.2 Installation

A. Installation shall be done in accordance with the "Commercial Carpet Installation Standard" published by the American Carpet and Rug Institutes.
B. The carpet manufacturer shall have at the project site a technical representative to provide technical installation recommendations and to verify that the carpet is being installed in accordance with the carpet manufacturer's recommendations. The Designer shall be present to verify glue application rate will assure proper transfer between floor and carpet back.
C. Carpet shall be cemented directly to primed sub-floor. Anytime after primed floor is no longer tacky, installation of carpet may commence. Adhesive shall be as specified above. Carpet shall be installed within 1/2 hour of spread of cement. Spread rate shall be maximum rate recommended by manufacturer and shall be sufficient to assure a minimum of 90% transfer of glue into the carpet back.
D. Lay carpeting smooth and even and clamp down trim strip where carpet abuts other flooring.
E. Cut evenly along walls cut and fit evenly around all projections into trim strips. Fit closely and evenly to and through thresholds where carpet joins together in doorways.

H. All carpet shall be lined up so that all lines, knap and texture of carpet match as woven, width and length.

3.3 Cleaning

A. At completion of installation, clean carpet of soil and stains with spot remover.

B. Clean the entire area with an upright beater type vacuum cleaner.

End Of Section

Section 12 24 13 Roller Window Shades

PART 1 GENERAL

1.1 GENERAL
Applicable provisions found in the Bid/Contract Requirements and Division 1, General Requirements apply to the work under this Section.

1.2 SECTION INCLUDES
A. Manual operated sunscreen roller shades

1.3 REFERENCES
A. ASTM G 21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
B. NFPA 701-99 - Fire Tests for Flame-Resistant Textiles and Films.

1.4 SUBMITTALS
A. Submit under provisions of Division 1.
B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.
   3. Storage and handling requirements and recommendations.
   4. Mounting details and installation methods.
   5. Typical wiring diagrams including integration of motor controllers with building management system, audiovisual and lighting control systems as applicable.
C. Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances, wiring diagrams and relationship to adjacent work.
D. Window Treatment Schedule: For all roller shades. Use same room designations as indicated on the Drawings and include opening sizes and key to typical mounting details.
E. Selection Samples: For each finish product specified, one set of shade cloth options and aluminum finish color samples representing manufacturer's full range of available colors and patterns.
F. Verification Samples: For each finish product specified, one complete set of shade components, unassembled, demonstrating compliance with specified requirements. Shadecloth sample and aluminum finish sample as selected. Mark face of material to indicate interior faces.
G. Maintenance Data: Methods for maintaining roller shades, precautions regarding cleaning materials and methods, instructions for operating hardware and controls.

1.5 QUALITY ASSURANCE
A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of twenty years experience in manufacturing products comparable to those specified in this section.
B. Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of ten years experience in installing products comparable to those specified in this section.

C. Fire-Test-Response Characteristics: Passes NFPA 701-99 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.
D. Anti-Microbial Characteristics: 'No Growth' per ASTM G 21 results for fungi ATCC9642, ATCC 9644, ATCC9645.
E. Third Party Evaluation: Provide documentation stating the shade cloth has undergone third party evaluation for all chemical inputs, down to a scale of 100 parts per million, that have been evaluated for human and environmental safety. Identify any and all inputs, which are known to be carcinogenic, mutagenic, teratogenic, reproductively toxic, or endocrine disrupting. Also identify items that are toxic to aquatic systems, contain heavy metals, or organohalogens. The material shall contain no inputs that are known problems to human or environmental health per the above major criteria, except for an input that is required to meet local fire codes.
F. Recycling Characteristics: Provide documentation that the shade cloth can and is part of a closed loop of perpetual use and not be required to be down cycled, incinerated or otherwise thrown away. Scrap material can be sent back to the mill for reprocessing and recycling into the same quality yarn and woven into new material, without down cycling. Certify that this process is currently underway and will be utilized for this project.
G. Perpetual Use Certification: Certify that at the end of the useful life of the shade cloth, that the material can be sent back to the manufacturer for recapture as part of a closed loop of perpetual use and that the material can and will be reconstituted into new yarn, for weaving into new shade cloth. Provide information on each shade band indicating that the shade band can be sent back to the manufacturer for this purpose.
H. Mock-Up: Provide a mock-up of one roller shade assembly for evaluation of mounting, appearance and accessories.
    1. Locate mock-up in window designated by Designer.
    2. Do not proceed with remaining work until, mock-up is accepted by Designer.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver shades in factory-labeled packages, marked with manufacturer and product name, fire-test-response characteristics, and location of installation using same room designations indicated on Drawings and in the Window Treatment Schedule.

1.7 PROJECT CONDITIONS

A. Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.8 WARRANTY

A. Roller Shade Hardware, Chain and Shadecloth: Manufacturer's standard non-depreciating twenty-five year limited warranty.
B. Roller Shade Installation: One year from date of Substantial Completion, not including scaffolding, lifts or other means to reach inaccessible areas.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. The roller shades are specified based upon products as manufactured by : MechoShade Systems, Inc.; 42-03 35th Street, Long Island City, NY 11101. ASD. Tel: (718) 729-2020. Fax: (718) 729-2941. Email: info@mechoshade.com, www.mechoshade.com.

Other acceptable manufacturers:
Draper
Lutron

2.2 APPLICATIONS/SCOPE

A. Roller Shade Schedule:
1. Type 1 - Mecho/5: manual chain operated in all exterior windows of rooms and spaces shown on the Drawings.

2.3 SHADE CLOTH

A. Solar Shadecloth - Visually Transparent Single-Fabric Shadecloth: MechoShade Systems, Inc., EcoVeil 0950 1% open group (non-PVC material), in colors selected from manufacturer's available range.

2.4 SHADE FABRICATION

A. Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.
B. Fabricate shadecloth to hang flat without buckling or distortion. Fabricate with heat-sealed trimmed edges to hang straight without curling or raveling. Fabricate unguided shadecloth to roll true and straight without shifting sideways more than 1/8 inch (3.18 mm) in either direction per 8 feet (2438 mm) of shade height due to warp distortion or weave design. Fabricate hem as follows:
1. Bottom hem weights.
2. Concealed hemtube.
C. Provide battens in standard shades as required to assure proper tracking and uniform rolling of the shadebands. Contractor shall be responsible for assuring the width-to-height (W:H) ratios shall not exceed manufacturer's standards or, in absence of such standards, shall be responsible for establishing appropriate standards to assure proper tracking and rolling of the shadecloth within specified standards. Battens shall be roll-formed stainless steel or tempered steel, as required.

2.5 COMPONENTS

A. Access and Material Requirements:
1. Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening and without requiring end or center supports to be removed.
2. Provide shade hardware that allows for removal and re-mounting of the shade bands without having to remove the shade tube, drive or operating support brackets.
3. Use only Delrin engineered plastics by DuPont for all plastic components of shade hardware. Styrene based plastics, and /or polyester, or reinforced polyester will not be acceptable.

B. Manual Operated Chain Drive Hardware and Brackets:
   1. Provide for universal, regular and offset drive capacity, allowing drive chain to fall at front, rear or non-offset for all shade drive end brackets. Universal offset shall be adjustable for future change.
   2. Provide hardware capable for installation of a removable fascia, for both regular and/or reverse roll, which shall be installed without exposed fastening devices of any kind.
   3. Provide shade hardware system that allows for removable regular and/or reverse roll fascias to be mounted continuously across two or more shade bands without requiring exposed fasteners of any kind.
   4. Provide shade hardware system that allows for operation of multiple shade bands (multi-banded shades) by a single chain operator, subject to manufacturer's design criteria. Connectors shall be offset to assure alignment from the first to the last shade band.
   5. Provide shade hardware system that allows multi-banded manually operated shades to be capable of smooth operation when the axis is offset a maximum of 6 degrees on each side of the plane perpendicular to the radial line of the curve, for a 12 degrees total offset.
   6. Provide positive mechanical engagement of drive mechanism to shade roller tube. Friction fit connectors for drive mechanism connection to shade roller tube are not acceptable
   7. Provide shade hardware constructed of minimum 1/8-inch (3.18 mm) thick plated steel or heavier as required to support 150 percent of the full weight of each shade.
   8. Drive Bracket / Brake Assembly:
      a. MechoShade Drive Bracket model M5 shall be fully integrated with all MechoShade accessories, including, but not limited to: SnapLoc fascia.
      b. M5 drive sprocket and brake assembly shall rotate and be supported on a welded 3/8 inch (9.525 mm) steel pin.
      c. The brake shall be an over -unning clutch design which disengages to 90 percent during the raising and lowering of a shade. The brake shall withstand a pull force of 50 lbs. (22 kg) in the stopped position.
      d. The braking mechanism shall be applied to an oil-impregnated hub on to which the brake system is mounted. The oil impregnated hub design includes an articulated brake assembly, which assures a smooth, non-jerky operation in raising and lowering the shades. The assembly shall be permanently lubricated. Products that require externally applied lubrication and or not permanently lubricated are not acceptable.
      e. The entire M5 assembly shall be fully mounted on the steel support bracket, and fully independent of the shade tube assembly, which may be removed and reinstalled without effecting the roller shade limit adjustments.

C. Drive Chain: #10 qualified stainless steel chain rated to 90 lb. (41 kg) minimum breaking strength. Nickel plate chain shall not be accepted.

2.6 ACCESSORIES

A. Fascia:

1. Continuous removable extruded aluminum fascia that attaches to shade mounting brackets without the use of adhesives, magnetic strips, or exposed fasteners.
   a. Color: Selected from manufacturer's standard colors.
2. Fascia shall be able to be installed across two or more shade bands in one piece.
3. Fascia shall fully conceal brackets, shade roller and fabric on the tube.
4. Provide bracket / fascia end caps where mounting conditions expose outside of roller shade brackets.
5. Notching of Fascia for manual chain shall not be acceptable.

PART 3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.
B. If substrate preparation is the responsibility of another installer, notify Designer of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Clean surfaces thoroughly prior to installation.
B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A. Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 2 inches (50 mm) to interior face of glass. Allow proper clearances for window operation hardware.
B. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.
C. Clean roller shade surfaces after installation, according to manufacturer's written instructions.
D. Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems. Shade Contractor shall make allowance for six (6) follow-up visits to coordinate shade operation with the building automation system.

3.4 PROTECTION

A. Protect installed products until completion of project.
B. Touch-up, repair or replace damaged products before Substantial Completion.

End of Section

TENNESSEE TECHNOLOGICAL UNIVERSITY

ACADEMIC WELLNESS CENTER RENOVATIONS

SBC NO 364/011-01-2025

COOKEVILLE, PUTNAM COUNTY, TN

TENNESSEE TECH ACADEMIC WELLNESS CENTER
1150 McGEE BLVD
COOKEVILLE, TN 38505

REGULATORY REQUIREMENTS

LISTED BELOW ARE THE REGULATORY REQUIREMENTS THAT APPLY TO THIS PROJECT, REFER TO SECTION 01 41 14 REGULATORY REQUIREMENTS. THIS LIST IS PROVIDED AS A CONVENIENCE TO THE CONTRACTOR AND IS NOT TO BE CONSIDERED ALL INCLUSIVE OF CODES AND REGULATIONS THAT MAY APPLY. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT CODES, STANDARDS, REGULATIONS AND LAWS.

(1) INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), REMOVE CHAPTER 11 ACCESSIBILITY, THE REQUIREMENTS OF SECTION 423 STORM SHELTERS SHALL NOT BE REQUIRED, SEE FIRE MARSHAL ADOPTED CODES APPENDIX FOR AMENDMENTS;
(2) THE INTERNATIONAL FUEL GAS CODE (IFGC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC);
(3) THE INTERNATIONAL MECHANICAL CODE (IMC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC);
(4) THE INTERNATIONAL PLUMBING CODE (IPC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC);
(4) THE INTERNATIONAL PROPERTY MAINTENANCE CODE (IMPC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), SEE FIRE MARSHAL ADOPTED CODES APPENDIX FOR AMENDMENTS;
(5) THE INTERNATIONAL FIRE CODE (IFC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), SEE FIRE MARSHAL ADOPTED CODES APPENDIX FOR AMENDMENTS;
(6) FOR COMMERCIAL BUILDINGS, THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), SEE FIRE MARSHAL ADOPTED CODES APPENDIX FOR AMENDMENTS;
(7) THE INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), SEE FIRE MARSHAL ADOPTED CODES APPENDIX FOR AMENDMENTS;
(8) THE NATIONAL ELECTRICAL CODE (NEC), 2017 EDITION, PUBLISHED BY THE NFPA, EXCEPT THAT;
1. SECTION 110.24, AVAILABLE FAULT CURRENT SHALL BE OPTIONAL; AND
2. ARC FAULT CIRCUIT INTERRUPTERS (AFCIs) SHALL BE OPTIONAL FOR BATHROOMS, LAUNDRY AREAS, GARAGES, UNFINISHED BASEMENTS, WHICH ARE PORTIONS OR AREAS OF THE BASEMENT NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE, WORK OR SIMILAR AREA, AND FOR BRANCH CIRCUITS DEDICATED TO SUPPLYING REFRIGERATION EQUIPMENT.
(9) NO PROVISION OF THE PRECEDING CITED PUBLICATIONS SHALL BE ADOPTED THAT CONFLICTS WITH:
1. THE INSTALLATION AND SERVICE STANDARDS OF PORTABLE FIRE EXTINGUISHERS AND FIXED FIRE EXTINGUISHERS SYSTEMS IN TENN. COMP. R. & REGS. 0780-02-14-.02; AND
2. THE STANDARDS FOR ENGAGING IN THE LIQUEFIED PETROLEUM GAS BUSINESS IN TENN. COMP. R. & REGS. 0780-02-17-.02.

CODE DATA

OCCUPANCY TYPE - B - BUSINESS (IBC 2021 SECTION 304.1)
A-3 - ASSEMBLY GROUP (IBC 2021 SECTION 303.4)

CONSTRUCTION TYPE - IIB SPRINKLERED (IBC TABLES 503/601)
RISK CATEGORY (IBC TABLE 1604.5) - III - BUILDINGS AND OTHER STRUCTURES CONTAINING ADULT EDUCATION FACILITIES, SUCH AS COLLEGES AND UNIVERSITIES, WITH AN OCCUPANT LOAD GREATER THAN 500.

IBC 2021 508.3 NONSEPARATED OCCUPANCIES
- 508.3.3. ALLOWABLE BUILDING AREA, HEIGHT AND NUMBER OF STORIES SHALL BE BASED ON THE MOST RESTRICTIVE OCCUPANCY TYPE. THE MOST RESTRICTIVE OCCUPANCY IN THIS BUILDING IS ASSEMBLY A-3.
- 508.3.3 - NO SEPARATION IS REQUIRED BETWEEN NONSEPARATED OCCUPANCIES.

ALLOWABLE BUILDING AREA (IBC 2021 TABLE 506.2)
BASE ALLOWABLE AREA: IIB - BUSINESS = 69,000 SQ. FT.
BASE ALLOWABLE AREA: IIB - ASSEMBLY A-3 = 28,500 SQ. FT.

MAX ALLOWABLE AREAS:
IBC 2021 EDITION TABLE 506.2

BUSINESS = 103,500 SQ. FT. (SEE FLOOR AREA PER OCCUPANCY ON LIFE SAFETY SHEETS FOR CALCULATIONS)
ASSEMBLY A-3 (MEETING ROOM) = 42,750 SQ. FT. (SEE FLOOR AREA PER OCCUPANCY ON LIFE SAFETY SHEETS FOR CALCULATIONS)

ACTUAL AREAS:
AREA OF RENOVATION 1ST FLOOR: 11,150 SQ. FT.
AREA OF POOL ROOM MECHANICAL ROOM: 621 SQ. FT.

BUSINESS OCCUPANCY TOTAL: 9,662 SF
A-3 ASSEMBLY OCCUPANCY TOTAL: 1,488 SF
BOTH ARE UNDER THE ALLOWABLE SQUARE FEET FOR AN ASSEMBLY A3 OCCUPANCY (42,2750 SQUARE FEET) WHICH IS THE MOST RESTRICTIVE OCCUPANCY TYPE.

CODE DATA CONTINUED

SEISMIC DATA
SITE CLASS = C
SEISMIC DESIGN CATEGORY = B
RISK CATEGORY III
SEE STRUCTURAL SHEETS FOR MORE INFORMATION

HEIGHT CALCULATIONS
MAX ALLOWABLE HEIGHT: 75' SPRINKLERED - IBC 2021 504.3
ACTUAL HEIGHT OF BUILDING: 59'
MAX ALLOWABLE STORIES: 4 SPRINKLERED - IBC 2021 504.4)
ACTUAL NUMBER OF STORIES: 2

WIND EXPOSURE CATEGORY - B

WIND RISK CATEGORY - II

IECC CLIMATE ZONE - 4A IECC 2021 FIGURE C301.1

REVISIONS PER CHANGE ORDERS AND SUPPLEMENTAL INSTRUCTIONS

TYPE (CO / SI)	DATE	DESCRIPTION OF WORK
-	-	-
-	-	-

INDEX TO DRAWINGS

Sheet Number	Sheet Name	Current Revision	Current Revision Date
COVER	Cover	1	1-12-26
ARCHITECTURAL DRAWINGS			
GN1.1	GENERAL NOTES		
GN1.2	GENERAL NOTES		
GN1.3	GENERAL NOTES - WALL TYPES		
LS1.0	LIFE SAFETY PLAN GENERAL NOTES		
LS1.1	LIFE SAFETY PLAN	1	1-12-26
D1.1	DEMOLITION - NATATORIUM	1	1-12-26
D1.2	DEMOLITION - NATATORIUM RCP	1	1-12-26
A1.1	FLOOR PLAN - DIMENSIONS	1	1-12-26
A1.2	FLOOR PLAN - NOTATIONS	1	1-12-26
A1.3	BASEMENT FLOOR PLAN	1	1-12-26
A2.1	FINISH SCHEDULE AND DOOR SCHEDULES	1	1-12-26
A2.2	DOOR AND WINDOW DETAILS		
A3.1	INTERIOR ELEVATIONS		
A3.2	INTERIOR ELEVATIONS		
A3.3	INTERIOR ELEVATIONS		
A3.4	INTERIOR ELEVATIONS	1	1-12-26
A4.1	WALL SECTIONS	1	1-12-26
A4.2	WALL SECTIONS		
A4.3	WALL SECTIONS		
A4.4	WALL SECTIONS	1	1-12-26
A4.5	WALL SECTIONS		
A5.1	REFLECTED CEILING PLAN	1	1-12-26
A6.1	PLAN DETAILS / MILLWORK DETAILS	1	1-12-26
STRUCTURAL DRAWINGS			
S0.0	STRUCTURAL COVER SHEET & INDEX OF STRUCTURAL DRAWINGS		
S0.1	STRUCTURAL GENERAL NOTES AND SPECIAL INSPECTION NOTES		
S0.2	TYPICAL DETAILS & SCHEDULES		
S0.4	SLABS ON GRADE - CONTROL JOINT LAYOUT PLAN AND DETAILS		
S1.1	FOUNDATION & FIRST FLOOR PLAN		
S1.2	CEILING FRAMING PLAN		
S2.1	FOUNDATION SECTIONS & DETAILS		
S3.1	CEILING FRAMING SECTIONS & DETAILS		
S4.1	FRAMING ELEVATION		
MECHANICAL DRAWINGS			
M0.1	MECHANICAL NOTES AND SCHEDULES		
M0.2	MECHANICAL DETAILS		
M0.3	MECHANICAL CONTROLS NOTES		
M1.1	MECHANICAL PLAN		
M2.1	MECHANICAL PIPING PLAN		
M3.1	ROOF PLAN		
PLUMBING DRAWINGS			
P0.1	PLUMBING NOTES AND SCHEDULES		
P1.1	PLUMBING PLAN		

Sheet Number	Sheet Name	Current Revision	Current Revision Date
FIRE PROTECTION DRAWINGS			
FP0.1	FIRE PROTECTION NOTES AND SCHEDULES		
FP1.1	FIRE PROTECTION PLAN		
FR0.1	FIRE RATING		
FA0.1	FIRE ALARM LEGENDS & SCHEDULES		
FA1.1	FIRE ALARM PLAN		
ELECTRICAL DRAWINGS			
E0.1	ELECTRICAL NOTES AND LEGENDS		
E0.2	ELECTRICAL DETAILS		
E1.0	OVERALL ELECTICAL PLAN		
E1.1	ELECTRICAL POWER PLAN		
E2.1	ELECTRICAL LIGHTING PLAN		
E3.1	COMMUNICATIONS PLAN		
E4.1	ELECTRICAL ONE-LINE, RISER, AND PANEL SCHEDULES		

FIRE RESISTANCE

FIRE RESISTANCE RATING REQUIREMENTS

IBC 2021 - TABLE 601

BUILDING ELEMENTS	TYPE II-B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS - EXTERIOR (f, g)	0
BEARING WALLS - INTERIOR	0
NON-BEARING WALLS & PARTITIONS (EXTERIOR)	0
NON-BEARING WALLS & PARTITIONS (INTERIOR)	0
FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS	0
ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS	0

f. NOT LESS THAN THE FIRE-RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE (SEE TABLE 705.5).

g. NOT LESS THAN THE FIRE-RESISTANCE RATING AS REFERENCED IN SECTION 704.10. - FIRE SEPARATION DISTANCE IS GREATER THAN 30'.

INTERIOR FINISHES

IBC 2021 - 803.1.2 INTERIOR WALL AND CEILING FINISH MATERIALS
INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLASH SPREAD AND SMOKE-DEVELOPED INDEXES:

CLASS A: = FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.
CLASS B: = FLAME SPREAD INDEX 26-75; SMOKE-DEVELOPED INDEX 0-450.
CLASS C: = FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.

REQUIRED BY OCCUPANCY

GROUP A-3 (SPRINKLERED):	CLASS
INTERIOR EXIT PASSAGEWAYS:	B
CORRIDORS:	B
ROOMS AND ENCLOSED SPACES	C

GROUP B (SPRINKLERED):	CLASS
INTERIOR EXIT PASSAGEWAYS:	B
CORRIDORS:	C
ROOMS AND ENCLOSED SPACES:	C

FIRE-RATED SEPARATION NOTES:

REQUIRED SEPARATIONS BETWEEN OCCUPANCIES
REQUIRED SEPARATIONS BETWEEN OCCUPANCIES PER IBC 2021 TABLE 508.4. BETWEEN B AND A-3 (SPRINKLED) - 1 HOUR

CORRIDOR SEPARATION (WITH SPRINKLER FOR A AND B OCCUPANCIES): NO RATING (IBC TABLE 1020.2).

THIS PORTION OF THE BUILDING THAT IS SUBJECT TO THE RENOVATION IS SEPARATED FROM THE REST OF THE BUILDING BY A 2-HOUR FIRE BARRIER. FOR THIS PORTION OF THE BUILDING, IT IS AN NONSEPARATED OCCUPANCY REQUIREMENT.
- IBC 2021 508.3.3 ALLOWABLE BUILDING AREA, HEIGHT AND NUMBER OF STORIES SHALL BE BASED ON THE MOST RESTRICTIVE OCCUPANCY TYPE. THE MOST RESTRICTIVE OCCUPANCY IN THE RENOVATED PORTION OF THE BUILDING IS ASSEMBLY A-3.
- IBC 2021 508.3.3 - NO SEPARATION IS REQUIRED BETWEEN NONSEPARATED OCCUPANCIES.

PROJECT SUMMARY STATEMENT

EXISTING NATATORIUM SPACE IS BEING RENOVATED INTO OFFICES, MEETING ROOMS AND PHYSICAL THERAPY SPACES. THE EXISTING POOL WILL BE INFILLED TO CREATE A LEVEL FLOOR. THE NEW SPACE WILL BE DIVIDED BETWEEN A NEW MEETING ROOM WITH SPORT'S DOCTOR'S OFFICE AND SPORTS' MEDICINE (PHYSICAL THERAPY) SPACES. THE MEETING ROOM WILL HAVE MOVABLE PARTITIONS TO SUBDIVIDE THE SPACE INTO FOURTHS TO ALLOW LARGER MEETINGS TO BE BROKEN INTO SMALLER GROUPS WHILE ALLOWING INDIVIDUAL ENTRY AND EGRESS OF EACH OF THE SUBDIVIDED SPACES. THE REST OF THE EXISTING BUILDING IS SPRINKLED AND PART OF THIS PROJECT IS TO EXTEND THE SPRINKLERS INTO THIS PORTION OF THE BUILDING. THERE IS AN EXISTING 2 HOUR FIRE WALL SEPARATING THIS RENOVATED PART OF THE BUILDING FROM THE REST OF THE BUILDING.

RESPONDING FIRE DEPARTMENT

COOKEVILLE FIRE DEPARTMENT
P.O. BOX 998 - 45 EAST BROAD STREET
COOKEVILLE, TN 38503-0998
PHONE: 931-520-5236

LOCAL BUILDING INSPECTOR

COOKEVILLE CITY INSPECTOR - JEREMY GLASCOCK
45 EAST BROAD STREET
COOKEVILLE, TN 38501
PHONE: 931-520-5268

DESIGN TEAM

ARCHITECT
UPLAND DESIGN GROUP, INC.
P.O. BOX 1026
CROSSVILLE, TN 38555
PHONE: 931-484-7541
FAX: 931-484-2351
WWW.UPLANDDESIGNGROUP.COM

STRUCTURAL ENGINEER
LOGAN PATRI ENGINEERING
630 SOUTHGATE AVE, SUITE C
NASHVILLE, TN 37203
PHONE: 615-726-2902
WWW.LOGANPATRIENGINEERING.COM

MECHANICAL ENGINEER
MAFFETT LOFTIS ENGINEERING
1 SOUTH JEFFERSON AVE, SUITE 101
COOKEVILLE, TN 38501
PHONE: 931-526-5143
FAX: 931-526-5153
WWW.MAFFETT-LOFTIS.COM

PLUMBING ENGINEER
MAFFETT LOFTIS ENGINEERING
1 SOUTH JEFFERSON AVE, SUITE 101
COOKEVILLE, TN 38501
PHONE: 931-526-5143
FAX: 931-526-5153
WWW.MAFFETT-LOFTIS.COM

ELECTRICAL ENGINEER
MAFFETT LOFTIS ENGINEERING
1 SOUTH JEFFERSON AVE, SUITE 101
COOKEVILLE, TN 38501
PHONE: 931-526-5143
FAX: 931-526-5153
WWW.MAFFETT-LOFTIS.COM

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025
LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507
ISSUE DATE 12-10-25
SHEET TITLE: Cover
DRAWN CWD
REVIEW KAC
COVER

FLOOR AREA PER OCCUPANT

IBC 2021 EDITION SECTION 506.2

MEETING ROOM (ASSEMBLY - A3)
TYPE IIB CONSTRUCTION SPRINKLER - SM - 28,500 SQUARE FEET PER STORY

REST OF RENOVATION AREA BUILDING (BUSINESS - B)
TYPE IIB CONSTRUCTION SPRINKLER - SM - 69,000 SQUARE FEET PER STORY

FRONTAGE INCREASE - IBC 2021 - TABLE 506.3.3.
PERCENTAGE OF BUILDING PERIMETER - 50 TO LESS THAN 75% WITH AN OPEN SPACE OF 30 FEET OR GREATER = 0.50

IBC 2021 - ALLOWABLE AREA - EQUATION 5-3 - A-3 (ASSEMBLY)
Aa = [At + (NS x If)]
Aa = [28,500 + (28,500 x 0.50)]
Aa = [28,500 + (14,250)]
Aa = 42,750 SQUARE FOOT - ALLOWABLE A-3)

IBC 2021 - ALLOWABLE AREA - EQUATION 5-3 - B (BUSINESS)
Aa = [At + (NS x If)]
Aa = [69,000 + (69,000 x 0.50)]
Aa = [69,000 + (34,500)]
Aa = 103,500 SQUARE FOOT - ALLOWABLE B)

FLOOR AREA PER OCCUPANT

IBC 2021 EDITION TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

A1 X	ASSEMBLY USE - CONCENTRATED (CHAIRS ONLY - NOT FIXED) - 7 S.F. NET/ PERSON
A2 X	ASSEMBLY USE - STANDING SPACE - 5 S.F. NET / PERSON
B X	BUSINESS USE - 100 S.F. GROSS / PERSON
L X	LOCKER ROOMS - 50 S.F. GROSS / PERSON
M X	MECHANICAL / STORAGE USE - 300 S.F. GROSS / PERSON

STAIR EGRESS CAPACITY

IBC 1021 - 1005.3.1 - EXCEPTION 1
CAPACITY FOR STAIRS IN A SPRINKLED BUILDING SHALL BE CALCULATED USING AN EGRESS CAPACITY FACTOR 0.2 INCH PER OCCUPANT

STAIR TYPE	WIDTH OF STAIR	CAPACITY FACTOR	OCCUPANT CAPACITY
ST-1	4'-0"	48"/0.2	240 OCCUPANTS
ST-2	5'-0"	60"/0.2	300 OCCUPANTS

IBC 2021 1005.3.1 - EXITS SERVING MORE THAN ONE STORY-
WHERE AN EXIT SERVES MORE THAN ONE STORY, ONLY THE OCCUPANT LOAD OF EACH STORY CONSIDERED INDIVIDUALLY SHALL BE USED IN COMPUTING THE REQUIRED CAPACITY OF THE EXIT AT THAT STORY.

DOOR CAPACITY LEGEND

DOOR CAPACITY BASED ON IBC 2021 1005.3.2 - EXCEPTION 1

EGRESS CAPACITY OF COMPONENTS OTHER THAN STAIRS SHALL BE CALCULATED BY USING AN EGRESS CAPACITY FACTOR OF 0.15 INCH PER OCCUPANT.

D1	SINGLE 36" DOOR 34" / EXIT = 226 PERSONS / EXIT 0.15" / PERSON 1 DOOR X 226 PERSONS = 226 PERSON EXIT CAPACITY
D2	DOUBLE 36" DOOR 35" / EXIT = 233 PERSONS / EXIT 0.15" / PERSON 2 DOORS X 233 PERSONS = 466 PERSON EXIT CAPACITY
D3	DOUBLE 48" DOOR 47" / EXIT = 313 PERSONS / EXIT 0.15" / PERSON 2 DOORS X 313 PERSONS = 626 PERSON EXIT CAPACITY

LIFE SAFETY SYMBOLS

0	INDICATES OCCUPANT LOAD AT EXIT
F	FIRE ALARM MANUAL PULL STATION - MOUNT 48" A.F.F.
FEC	FIRE EXTINGUISHER CABINET
FE	BRACKET MOUNTED FIRE EXTINGUISHER
	FIRE ALARM STROBE LIGHT - MOUNT 80" A.F.F., BUT NO CLOSER THAN 6" TO CEILING
	FIRE ALARM COMBINATION AUDIBLE/VISUAL UNIT - MOUNT 80" A.F.F., BUT NO CLOSER THAN 6" TO CEILING
OS	OCCUPANCY SENSOR
SD	SMOKE DETECTOR
D1	DOOR EXIT REQUIREMENT CALCULATIONS
	EXIT SIGN - SINGLE OR DOUBLE FACE, WALL OR CLG. MOUNTED, AS INDICATED BY SYMBOL. DIRECTIONAL ARROWS SHALL BE PROVIDED AS SHOWN. EXIT SIGN SHALL BE EQUIPPED WITH A BATTERY PACK FOR OPERATION DURING LOSS OF NORMAL BUILDING POWER
	EXTERIOR EMERGENCY LIGHTING UNIT

RATED WALL SYMBOL LEGEND

EXISTING 1-HOUR FIRE PARTITION; FROM EXISTING FLOOR TO UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT ALL OPENING AND PENETRATIONS IN FIRE PARTITION PER IBC 2021 714 AND 716.

EXISTING 2-HOUR FIRE BARRIER; FROM TOP OF EXISTING FOUNDATION TO UNDERSIDE OF EXISTING DECK ABOVE. EXISTING RATING RUNS THROUGH CONCEALED SPACES. PROTECT ALL OPENINGS AND PENETRATIONS IN FIRE BARRIER PER IBC 2021 714 AND 716.

NOTES:
ALL INTERIOR WALLS SHALL EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.

PROVIDE 3" HIGH, BRIGHT RED STENCILED LETTERS VISIBLE ABOVE CEILING AT ALL CHANGES IN DIRECTION AND AT 30' INTERVALS ALONG ALL RATED WALLS READING: " ___ HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." (INCORPORATE CORRECT WALL DESIGNATIONS) FIRE WALLS SHALL BE STENCILED ON BOTH SIDES OF WALLS.

MAXIMUM TRAVEL DISTANCE

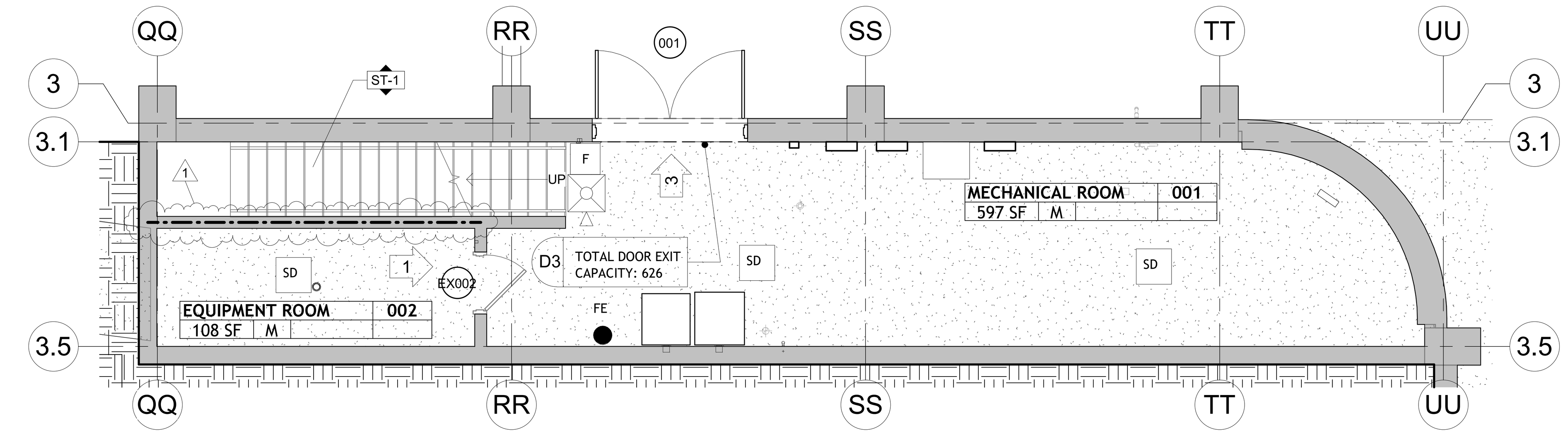
IBC 2021 EDITION TABLE 1017.2

ALLOWABLE EXIT TRAVEL DISTANCE FOR A BUSINESS OCCUPANCY WITH A SPRINKLER SYSTEM = 300 FEET

ALLOWABLE EXIT TRAVEL DISTANCE FOR AN ASSEMBLY OCCUPANCY WITH A SPRINKLER SYSTEM = 250 FEET.

TWO HIGHEST TRAVEL DISTANCES WITH A SPRINKLER ARE DISTANCES OF 82'-5" AND 76'-11", WHICH ARE UNDER THE ALLOWABLE DISTANCE OF 250 FEET (UNSEPARATED OCCUPANCIES UTILIZE THE MORE STRINGENT OCCUPANCY FOR DETERMINING ALLOWABLE TRAVEL DISTANCE).

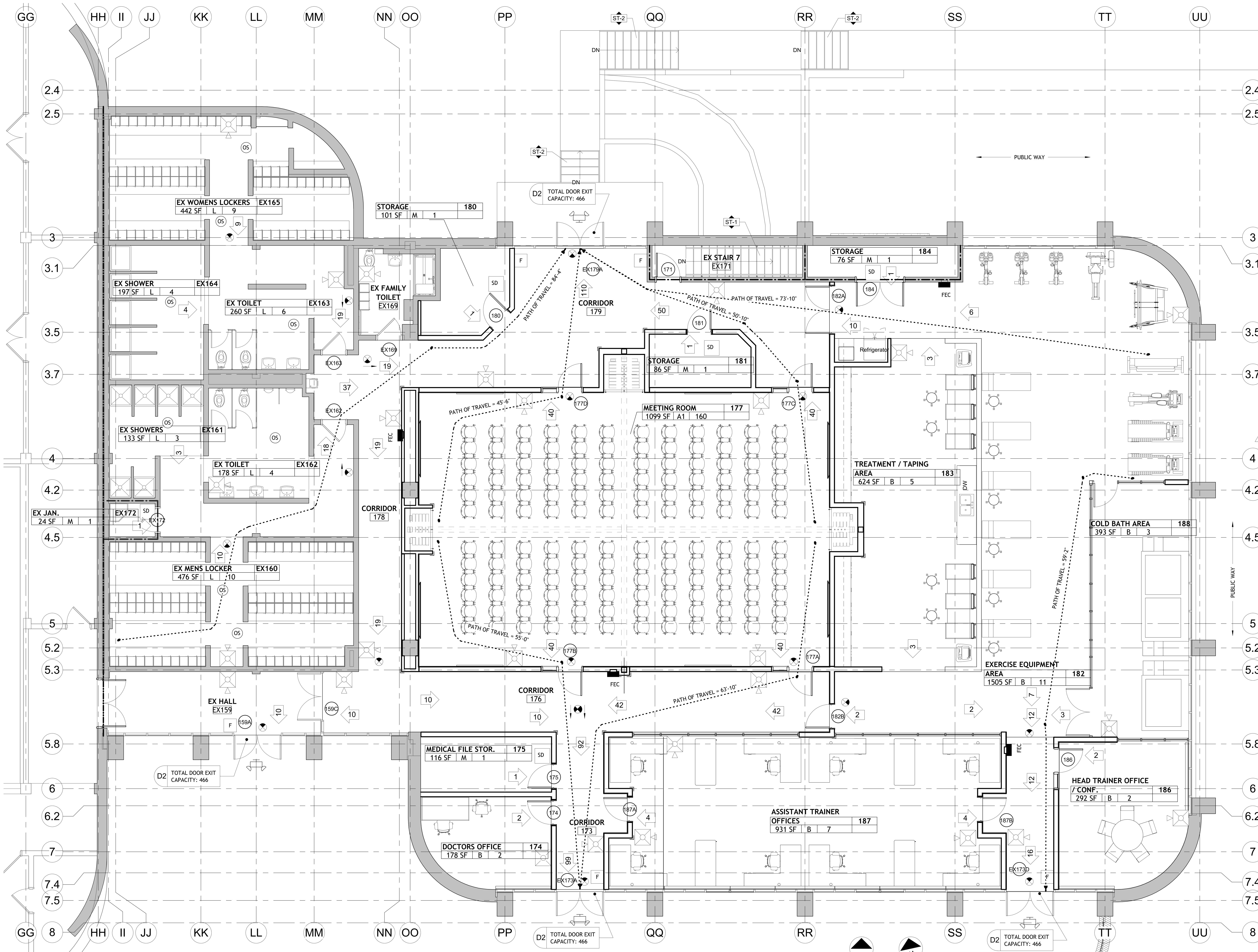
DEAD END CORRIDOR REQUIREMENTS - IBC 2021 - 1020.5 WITH A SPRINKLER SYSTEM: 20 FEET (UNSEPARATED OCCUPANCIES UTILIZE THE MORE STRINGENT OCCUPANCY FOR DETERMINING DEAD END CORRIDOR LENGTH.)



BASEMENT - NOTATIONS

3/16" = 1'-0"

FURNITURE AND EQUIPMENT SHOWN FOR REFERENCE ONLY



LIFE SAFETY PLAN

3/16" = 1'-0" PLAN NORTH TRUE NORTH

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL
KIM ALLEN CHAMBERLIN — REGISTERED ARCHITECT — AGRICULTURE COMMERCE — No. 18154 — STATE OF TENNESSEE — 1/12/26

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

ISSUE DATE 12-10-25

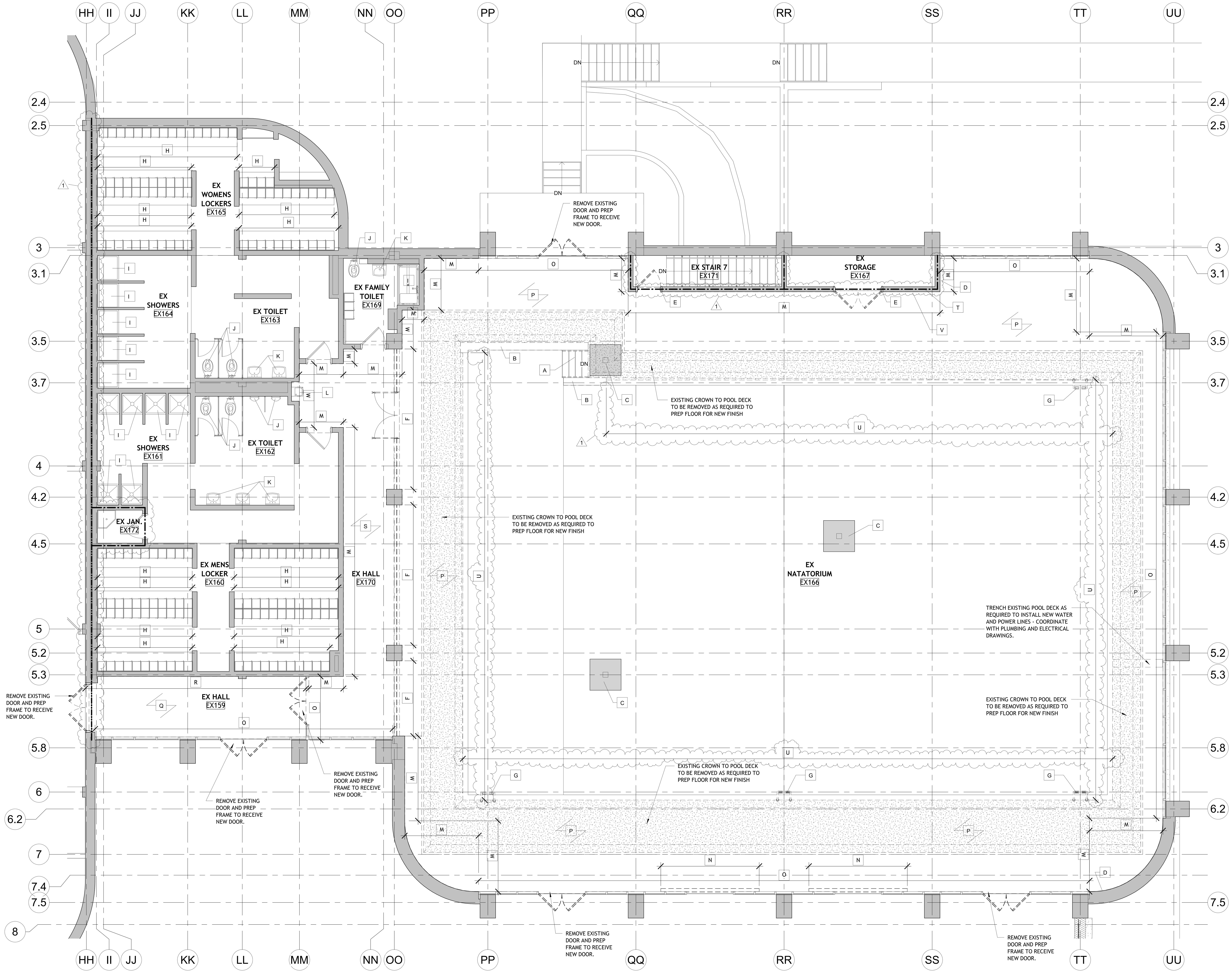
SHEET TITLE: LIFE SAFETY PLAN

DRAWN: CWD
REVIEW: KAC

LS1.1

DEMOLITION PLAN KEY NOTES

A	REMOVE EXISTING POOL STAIR HANDRAIL. FILL ANY HOLES LEFT BY REMOVAL OF HANDRAIL WITH CONCRETE / GROUT.
B	REMOVE EXISTING MOSAIC FLOOR TILE AT EDGE OF POOL. PREP FLOOR TO RECEIVE NEW FINISHES.
C	CUT OUT EXISTING CONCRETE POOL FLOOR AS REQUIRED TO INSTALL NEW COLUMN FOUNDATION. PREP AREA TO POUR NEW CONCRETE WITH/ VAPOR BARRIER INFILL AFTER INSTALLATION OF COLUMN. COORDINATE WITH STRUCTURAL DRAWINGS AND EXISTING CONDITIONS FOR SIZE AND LOCATION OF COLUMN FOOTINGS
D	REMOVE EXISTING CORRODED FIRE EXTINGUISHER CABINETS. PATCH WALL AND REFINISH TO MATCH ADJACENT.
E	REMOVE EXISTING DOOR AND FRAME. PREP DOOR OPENING TO RECEIVE NEW DOOR AND FRAME. FIELD VERIFY EXISTING CONDITIONS AND DOOR SCHEDULES.
F	REMOVE LOW WALL AND CHAIN LINK FENCE AND GATE. PREP FLOOR UNDER LOW WALL TO RECEIVE NEW FINISHES. ROUT AND PATCH FLOOR AS REQUIRED UNDER AREA OF REMOVED WALL.
G	REMOVE EXISTING POOL LADDER AND FILL HOLES.
H	EXISTING LOCKER AND BUILT-IN BENCHES TO REMAIN. PROTECT DURING REMOVAL OF EXISTING CEILINGS AND RENOVATION WORK.
I	EXISTING SHOWERS TO REMAIN. PROTECT DURING REMOVAL OF EXISTING CEILINGS AND RENOVATION WORK.
J	EXISTING, OVERHEAD BRACED TOILET PARTITIONS, URINALS AND TOILETS TO REMAIN. PROTECT DURING REMOVAL OF EXISTING CEILINGS AND RENOVATION WORK.
K	EXISTING SINK AND COUNTERTOP TO REMAIN. PROTECT DURING REMOVAL OF EXISTING CEILING AND RENOVATION WORK.
L	REMOVE EXISTING DRINKING FOUNDATION. PREP AREA TO RECEIVE NEW WATER FOUNTAIN WITH BOTTLE FILLER. COORDINATE WITH RENOVATION DRAWINGS.
M	EXISTING POURED FLOOR BASE TO REMAIN. PREP EXISTING FLOOR BASE TO RECEIVE NEW BASE. CAULK BEHIND TOP OF NEW BASE AS REQUIRED COORDINATE WITH RENOVATION DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
N	REMOVE EXISTING SLIDING ALUMINUM ENTRANCE DOOR AND TRACK. ADJACENT ALUMINUM STOREFRONT PANELS AND GLASS TO REMAIN. PATCH ANY HOLES ON EXISTING FRAME. PREP DOOR OPENING TO RECEIVE NEW ALUMINUM STOREFRONT INFILL. FIELD VERIFY SIZES OF OPENINGS.
O	EXISTING ALUMINUM STOREFRONT TO REMAIN. PROTECT DURING RENOVATION WORK.
P	EXISTING POOL DECK HAS A CROWN BUILT INTO THE FLOOR SLOPING TO THE DRAINS. CONTRACTOR TO REMOVE CROWN IN FLOOR AS REQUIRE TO CREATE A SMOOTH, LEVEL SUBFLOOR TO RECEIVE NEW FINISHES. PREP FLOOR TO RECEIVE SELF-LEVELING COMPOUND. CAP ANY PIPING CONNECTED TO POOL GUTTER AND OVERFLOW TRENCHES. PREP TRENCHES AND GUTTER FOR INFILL OF CONCRETE.
Q	REMOVE EXISTING TILE FLOOR. PREP FLOOR TO RECEIVE NEW LVT FLOOR FINISH.
R	REMOVE EXISTING RUBBER BASE. PREP WALL TO RECEIVE NEW RUBBER BASE.
S	PREP EXISTING EPOXY FLOOR TO RECEIVE NEW FLOOR FINISH. COORDINATE WITH NEW FLOOR MANUFACTURER'S REQUIREMENTS.
T	REMOVE EXISTING BLOCK AS REQUIRED TO INSTALL NEW FIRE EXTINGUISHER CABINET. COORDINATE LOCATIONS WITH RENOVATION DRAWINGS. PROVIDE SMOOTH STRAIGHT CUTS AT EXISTING BLOCK TO REMAIN.
U	REMOVE EXISTING STAINLESS STEEL POOL GUTTER. REMOVE ASSOCIATED EXISTING GROUT AROUND REMOVED POOL GUTTER AS REQUIRED TO PROVIDE A CLEAN SURFACE FOR NEW CONCRETE SLAB TURN DOWN AND REBAR DOWELING. COORDINATE WITH STRUCTURAL DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS. SEE DETAILS 5 /A3.4 AND 6 /A3.4 (1)
V	REMOVE EXISTING WALL MOUNTED FAN AND TURN OVER TO THE OWNER (1)



NATATORIUM DEMOLITION FLOOR PLAN

3/16" = 1'-0"

PLAN NORTH TRUE NORTH

DEMOLITION WALL LEGEND

EXISTING WALLS TO REMAIN. PATCH AND PREPARE EXISTING WALLS TO REMAIN EXPOSED TO RECEIVE NEW FINISHES, COORDINATE WITH RENOVATION PLANS AND FINISH SCHEDULES. FIELD VERIFY EXISTING CONDITION, THICKNESS AND MATERIAL. (VARIES)

REMOVE EXISTING WALL. COORDINATE RELOCATION OF ANY ELECTRICAL SWITCHES OR OUTLETS IN EXISTING WALL WITH ELECTRICAL DRAWINGS. PATCH AND PREPARE EXISTING EDGES TO REMAIN TO RECEIVE NEW FINISHES, WALLS, DOORS, OR WINDOWS (COORDINATE WITH RENOVATION PLANS AND FINISH SCHEDULE). PATCH AND PREPARE FLOOR AS REQUIRED TO RECEIVE NEW FINISH WHERE SHOWN ON THE FINISH SCHEDULE. ROUT AREA UNDER WALL AND FILL WITH LEVELING COMPOUND AS REQUIRED TO PROVIDE SMOOTH TRANSITION FOR NEW FLOOR. (VARIES)

REMOVE EXISTING DOOR. COORDINATE WITH DOOR SCHEDULES. TURN EXISTING HARDWARE OVER TO OWNER. COORDINATE ANY DOORS NOT REUSED TO BE TURNED OVER TO OWNER. IF THE OWNER DOES NOT WANT HARDWARE, DOORS, AND/OR FRAMES, CONTRACTOR TO DISPOSE OF DOORS AND FRAMES.

REMOVE EXISTING FLOOR UNIT AND ASSOCIATED PIPING. COORDINATE WITH M,P,& E DRAWINGS FOR MORE INFORMATION

DEMOLITION GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS, MEASUREMENTS, AND LAYOUTS. CONTACT DESIGNER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
2. COORDINATE DEMOLITION WORK WITH EXTENT OF NEW RENOVATION WORK ON ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS. FIELD VERIFY ABOVE CEILING CONNECTIONS AND COORDINATE WITH NEW HEIGHT AND PLACEMENT OF CEILING GRID, NEW AND EXISTING LIGHT LOCATIONS AND SPRINKLER PIPING. CONTRACTOR TO PROVIDE NEW FINISH TO AREAS TO REMAIN EXPOSED, DAMAGED BY CEILING WORK, ELECTRICAL, MECHANICAL, PLUMBING AND SPRINKLER INSTALLATION AND OTHER WORK ASSOCIATED WITH THE PROJECT.
3. MAINTAIN EXISTING ROOF WARRANTIES OF PORTIONS OF ROOF TO REMAIN WHEN DEMOLISHING EQUIPMENT ON ROOF. COORDINATE WITH MECHANICAL DRAWINGS.
4. COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL FOR ADDITIONAL DEMOLITION NOTES AND REQUIREMENTS.

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

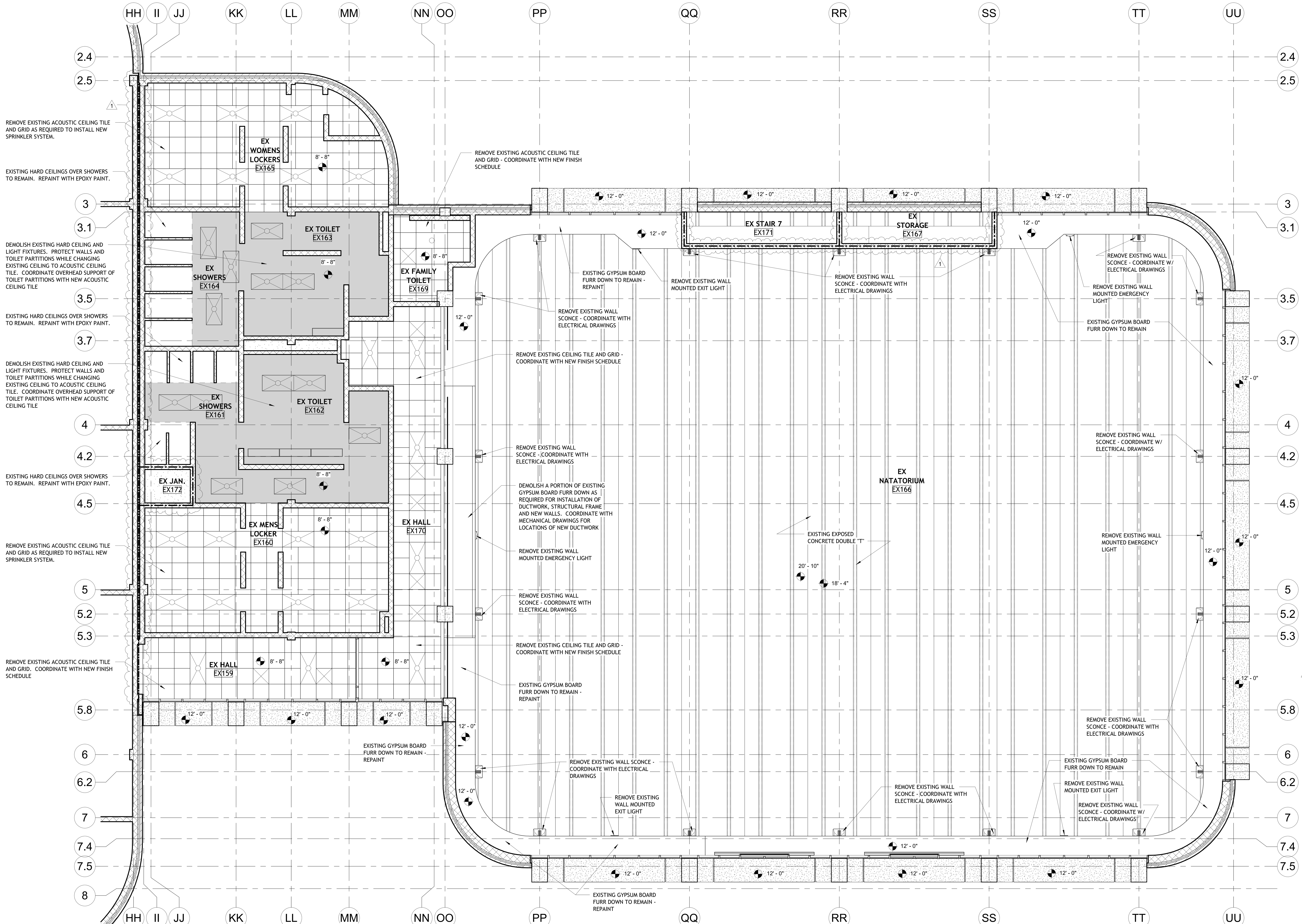
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY
LOCATION: COOKEVILLE, TN

SEAL: KIM ALLEN CHAMBERLIN, REGISTERED ARCHITECT, No. 18154, STATE OF TENNESSEE, 1/12/26

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507
ISSUE DATE 12-10-25
SHEET TITLE DEMOLITION - NATATORIUM
DRAWN CWD
REVIEW KAC
D1.1



DEMOLITION REFLECTED CEILING PLAN

3/16" = 1'-0"

PLAN NORTH TRUE NORTH

DEMOLITION RCP GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS, LAYOUT AND DIMENSIONS.
2. DEMOLISH EXISTING LIGHT FIXTURES IN THIS PORTION OF THE BUILDING. COORDINATE WITH ELECTRICAL DRAWINGS AND RENOVATION DRAWINGS.
3. LOCATIONS OF EXISTING DOUBLE "TEE"S FLANGES AND WEBS ARE APPROXIMATE. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS. COORDINATE WITH RENOVATIONS DRAWINGS.
4. COORDINATE WITH M,P, & E DRAWINGS FOR FURTHER SCOPE OF WORK AND MORE INFORMATION.

RATED WALL SYMBOL LEGEND

EXISTING 1-HOUR FIRE PARTITION; FROM EXISTING FLOOR TO UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT ALL OPENING AND PENETRATIONS IN FIRE PARTITION PER IBC 2021 714 AND 716.

EXISTING 2-HOUR FIRE BARRIER; FROM TOP OF EXISTING FOUNDATION TO UNDERSIDE OF EXISTING DECK ABOVE. EXISTING RATING RUNS THROUGH CONCEALED SPACES. PROTECT ALL OPENINGS AND PENETRATIONS IN FIRE BARRIER PER IBC 2021 714 AND 716.

NOTES:
ALL INTERIOR WALLS SHALL EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.

PROVIDE 3" HIGH, BRIGHT RED STENCILED LETTERS VISIBLE ABOVE CEILING AT ALL CHANGES IN DIRECTION AND AT 30' INTERVALS ALONG ALL RATED WALLS READING: " ___ HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." (INCORPORATE CORRECT WALL DESIGNATIONS) FIRE WALLS SHALL BE STENCILED ON BOTH SIDES OF WALLS.

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

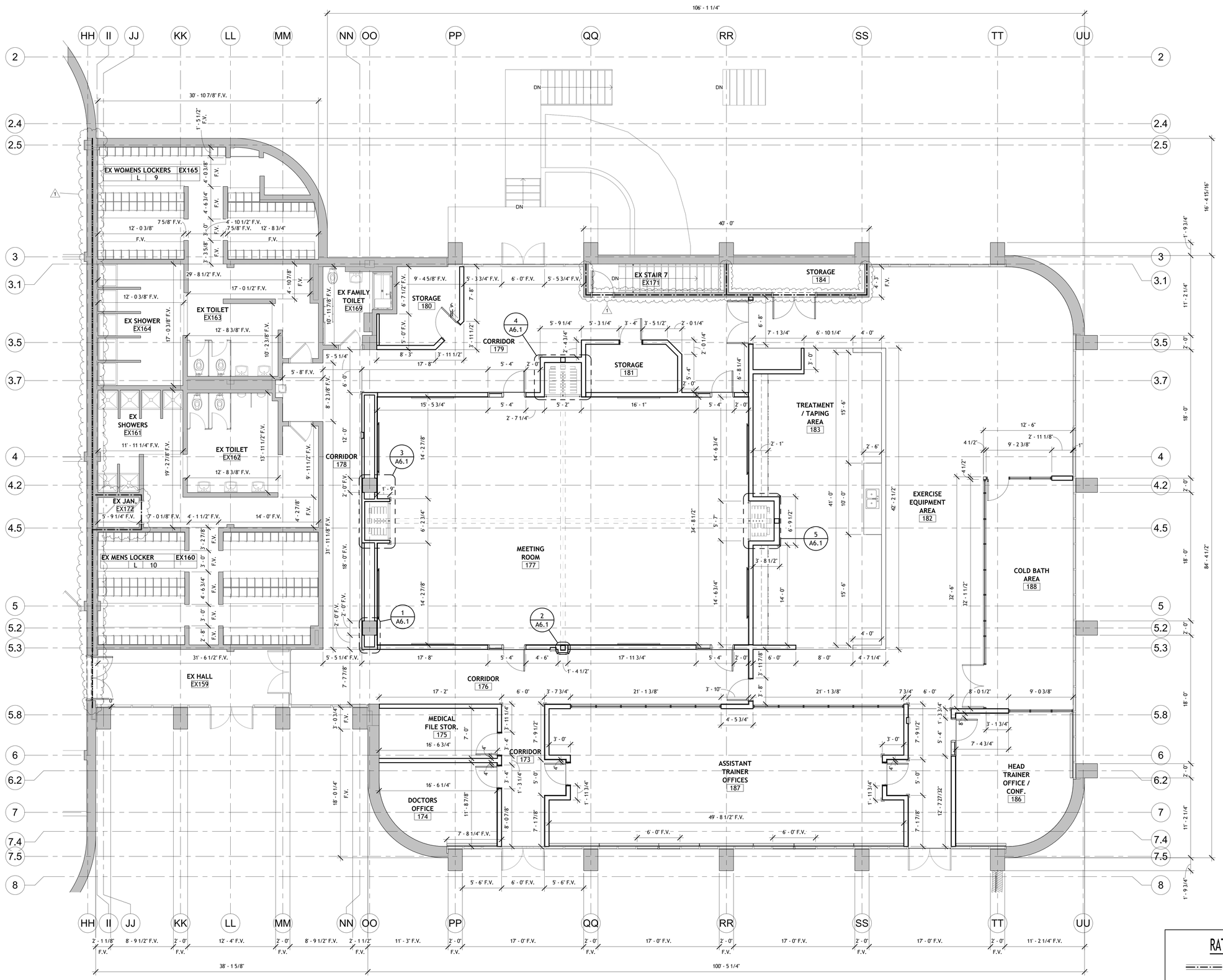
LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL
KIM ALLEN CHAMBERLIN — REGISTERED ARCHITECT — STATE OF TENNESSEE — 1/12/26

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507
ISSUE DATE 12-10-25
SHEET TITLE DEMOLITION - NATATORIUM RCP
DRAWN CWD
REVIEW KAC
D1.2



RENOVATION FLOOR PLAN - DIMENSIONS

3/16" = 1'-0"

PLAN NORTH TRUE NORTH

DIMENSION PLAN NOTES

GENERAL NOTES

- FIELD VERIFY ALL DIMENSIONS. THE DIMENSIONS ARE BASED ON FURRING AND STUDS BUILT ON EXISTING WALLS AND COLUMNS. FIELD VERIFY LOCATIONS OF EXISTING WALLS AND COLUMNS TO REMAIN. COORDINATE WITH WALL TYPES FOR WALL AND FURRING SIZES. NOTIFY DESIGNER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES BASED ON FIELD VERIFIED EXISTING ELEMENTS.
- ROUGH OPENINGS FOR STOREFRONT ARE SHOWN. COORDINATE WITH DOOR FRAME, DOOR DETAILS, AND MANUFACTURER FOR REQUIRED SHIM SIZES.
- COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR DIMENSIONS ON THEIR PORTION OF THE WORK.

RATED WALL SYMBOL LEGEND

EXISTING 1-HOUR FIRE PARTITION; FROM EXISTING FLOOR TO UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT ALL OPENING AND PENETRATIONS IN FIRE PARTITION PER IBC 2021 714 AND 716.

EXISTING 2-HOUR FIRE BARRIER; FROM TOP OF EXISTING FOUNDATION TO UNDERSIDE OF EXISTING DECK ABOVE. EXISTING RATING RUNS THROUGH CONCEALED SPACES. PROTECT ALL OPENINGS AND PENETRATIONS IN FIRE BARRIER PER IBC 2021 714 AND 716.

NOTES:
ALL INTERIOR WALLS SHALL EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.

PROVIDE 3" HIGH, BRIGHT RED STENCILED LETTERS VISIBLE ABOVE CEILING AT ALL CHANGES IN DIRECTION AND AT 30' INTERVALS ALONG ALL RATED WALLS READING: " ___ HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." (INCORPORATE CORRECT WALL DESIGNATIONS) FIRE WALLS SHALL BE STENCILED ON BOTH SIDES OF WALLS.

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY
LOCATION: COOKEVILLE, TN

SEAL
ALAN CHAMBERLAIN
LICENSED ARCHITECT
STATE OF TENNESSEE
1/12/26

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

ISSUE DATE 12-10-25

SHEET TITLE: FLOOR PLAN - DIMENSIONS

DRAWN CWD

REVIEW KAC

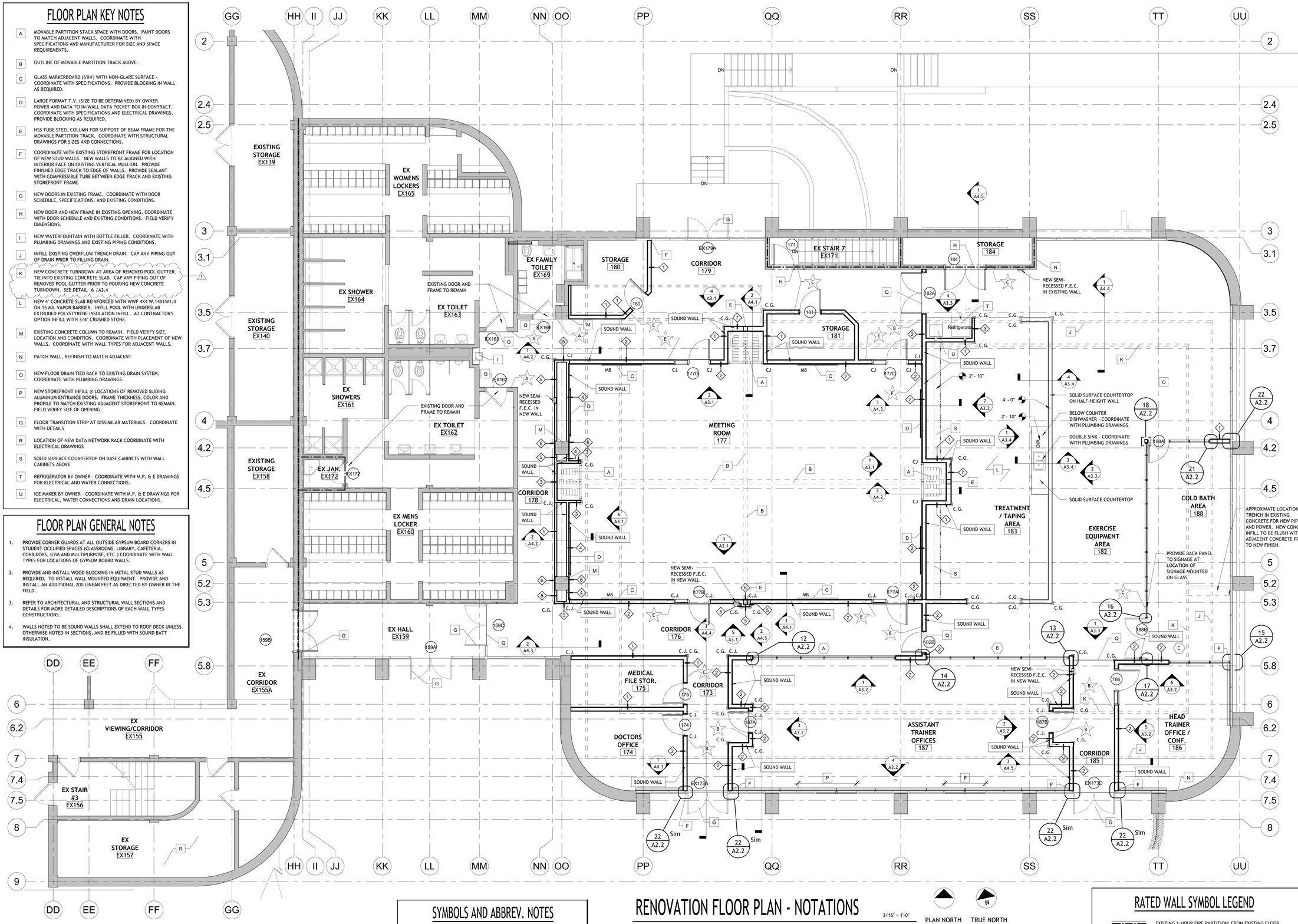
A1.1

FLOOR PLAN KEY NOTES

- A — MOVABLE PARTITION STACK SPACE WITH DOORS. PAINT DOORS TO MATCH ADJACENT WALLS. COORDINATE WITH SPECIFICATIONS AND MANUFACTURER FOR SIZE AND SPACE REQUIREMENTS.
- B — OUTLINE OF MOVABLE PARTITION TRACK ABOVE.
- C — GLASS MARKERBOARD (6'X4') WITH NON-GLARE SURFACE - COORDINATE WITH SPECIFICATIONS. PROVIDE BLOCKING IN WALL AS REQUIRED.
- D — LARGE FORMAT T.V. (SIZE TO BE DETERMINED) BY OWNER. POWER AND DATA TO IN-WALL DATA POCKET BOX IN CONTRACT. COORDINATE WITH SPECIFICATIONS AND ELECTRICAL DRAWINGS. PROVIDE BLOCKING AS REQUIRED.
- E — HSS TUBE STEEL COLUMN FOR SUPPORT OF BEAM FRAME FOR THE MOVABLE PARTITION TRACK. COORDINATE WITH STRUCTURAL DRAWINGS FOR SIZES AND CONNECTIONS.
- F — COORDINATE WITH EXISTING STOREFRONT FRAME FOR LOCATION OF NEW STUD WALLS. NEW WALLS TO BE ALIGNED WITH INTERIOR FACE ON EXISTING VERTICAL MULLION. PROVIDE FINISHED EDGE TRACK TO EDGE OF WALLS. PROVIDE SEALANT WITH COMPRESSIBLE TUBE BETWEEN EDGE TRACK AND EXISTING STOREFRONT FRAME.
- G — NEW DOORS IN EXISTING FRAME. COORDINATE WITH DOOR SCHEDULE, SPECIFICATIONS, AND EXISTING CONDITIONS.
- H — NEW DOOR AND NEW FRAME IN EXISTING OPENING. COORDINATE WITH DOOR SCHEDULE AND EXISTING CONDITIONS. FIELD VERIFY DIMENSIONS.
- I — NEW WATERFOUNTAIN WITH BOTTLE FILLER. COORDINATE WITH PLUMBING DRAWINGS AND EXISTING PIPING CONDITIONS.
- J — INFILL EXISTING OVERFLOW TRENCH DRAIN. CAP ANY PIPING OUT OF DRAIN PRIOR TO FILLING DRAIN.
- K — NEW CONCRETE TURNDOWN AT AREA OF REMOVED POOL GUTTER. TIE INTO EXISTING CONCRETE SLAB. CAP ANY PIPING OUT OF REMOVED POOL GUTTER PRIOR TO POURING NEW CONCRETE TURNDOWN. SEE DETAIL 6 /A3.4
- L — NEW 4" CONCRETE SLAB REINFORCED WITH WWF 4X4 W. 14X1W1.4 ON 15 MIL VAPOR BARRIER. INFILL POOL WITH UNDERSLAB EXTRUDED POLYSTYRENE INSULATION INFILL. AT CONTRACTOR'S OPTION INFILL WITH 3/4" CRUSHED STONE.
- M — EXISTING CONCRETE COLUMN TO REMAIN. FIELD VERIFY SIZE, LOCATION AND CONDITION. COORDINATE WITH PLACEMENT OF NEW WALLS. COORDINATE WITH WALL TYPES FOR ADJACENT WALLS.
- N — PATCH WALL, REFINISH TO MATCH ADJACENT
- O — NEW FLOOR DRAIN TIED BACK TO EXISTING DRAIN SYSTEM. COORDINATE WITH PLUMBING DRAWINGS.
- P — NEW STOREFRONT INFILL @ LOCATIONS OF REMOVED SLIDING ALUMINUM ENTRANCE DOORS. FRAME THICKNESS, COLOR AND PROFILE TO MATCH EXISTING ADJACENT STOREFRONT TO REMAIN. FIELD VERIFY SIZE OF OPENING.
- Q — FLOOR TRANSITION STRIP AT DISSIMILAR MATERIALS. COORDINATE WITH DETAILS
- R — LOCATION OF NEW DATA NETWORK RACK COORDINATE WITH ELECTRICAL DRAWINGS
- S — SOLID SURFACE COUNTERTOP ON BASE CABINETS WITH WALL CABINETS ABOVE
- T — REFRIGERATOR BY OWNER - COORDINATE WITH M,P, & E DRAWINGS FOR ELECTRICAL AND WATER CONNECTIONS.
- U — ICE MAKER BY OWNER - COORDINATE WITH M,P, & E DRAWINGS FOR ELECTRICAL, WATER CONNECTIONS AND DRAIN LOCATIONS.

FLOOR PLAN GENERAL NOTES

1. PROVIDE CORNER GUARDS AT ALL OUTSIDE GYPSUM BOARD CORNERS IN STUDENT OCCUPIED SPACES (CLASSROOMS, LIBRARY, CAFETERIA, CORRIDORS, GYM AND MULTIPURPOSE, ETC.) COORDINATE WITH WALL TYPES FOR LOCATIONS OF GYPSUM BOARD WALLS.
2. PROVIDE AND INSTALL WOOD BLOCKING IN METAL STUD WALLS AS REQUIRED. TO INSTALL WALL MOUNTED EQUIPMENT. PROVIDE AND INSTALL AN ADDITIONAL 200 LINEAR FEET AS DIRECTED BY OWNER IN THE FIELD.
3. REFER TO ARCHITECTURAL AND STRUCTURAL WALL SECTIONS AND DETAILS FOR MORE DETAILED DESCRIPTIONS OF EACH WALL TYPES CONSTRUCTIONS.
4. WALLS NOTED TO BE SOUND WALLS SHALL EXTEND TO ROOF DECK UNLESS OTHERWISE NOTED IN SECTIONS, AND BE FILLED WITH SOUND BATT INSULATION.



SYMBOLS AND ABBREV. NOTES

- CJ — CONTROL JOINT - REFER TO DETAILS 1 /GN1.2
- EJ — EXPANSION JOINT W/ COVER - SEE SPECIFICATIONS)
- MB — GLASS MARKER BOARD (NON-GLARE SURFACE) - 6FT. LONG (SEE SPECIFICATIONS)
- FD — FLOOR DRAIN - REFER TO PLUMBING - RECESS DRAIN AS NECESSARY TO SLOPE CONCRETE SLAB 1/4" PER FOOT FROM PERIMETER WALLS UNLESS NOTED OTHERWISE
- SOUND — SOUND WALL - ACOUSTIC SOUND BATT INSULATION - EXTEND TO BOTTOM OF EXISTING DOUBLE TEE STRUCTURE ABOVE
- WALL TYPE TAG - REFER TO WALL TYPE LEGEND

RENOVATION FLOOR PLAN - NOTATIONS

3/16" = 1'-0"

PLAN NORTH TRUE NORTH

RATED WALL SYMBOL LEGEND

EXISTING 1-HOUR FIRE PARTITION; FROM EXISTING FLOOR TO UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT ALL OPENING AND PENETRATIONS IN FIRE PARTITION PER IBC 2021 714 AND 716.

EXISTING 2-HOUR FIRE BARRIER; FROM TOP OF EXISTING FOUNDATION TO UNDERSIDE OF EXISTING DECK ABOVE. EXISTING RATING RUNS THROUGH CONCEALED SPACES. PROTECT ALL OPENINGS AND PENETRATIONS IN FIRE BARRIER PER IBC 2021 714 AND 716.

NOTES:
ALL INTERIOR WALLS SHALL EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.

PROVIDE 3" HIGH, BRIGHT RED STENCILED LETTERS VISIBLE ABOVE CEILING AT ALL CHANGES IN DIRECTION AND AT 30' INTERVALS ALONG ALL RATED WALLS READING: "- ___ HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." (INCORPORATE CORRECT WALL DESIGNATIONS) FIRE WALLS SHALL BE STENCILED ON BOTH SIDES OF WALLS.

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

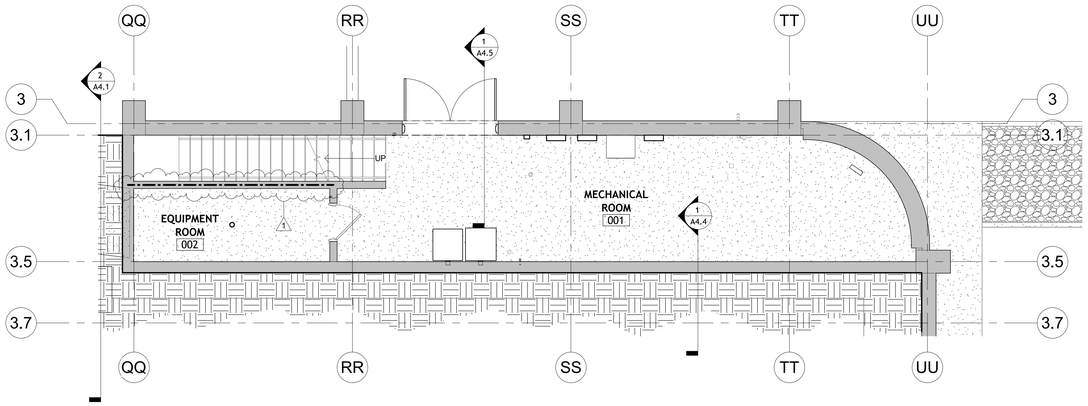
TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025
LOCATION COOKEVILLE, TN
OWNER TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL
ALEX A. CHAMBERLIN — REGISTERED ARCHITECT — STATE OF TENNESSEE — 1/12/26

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

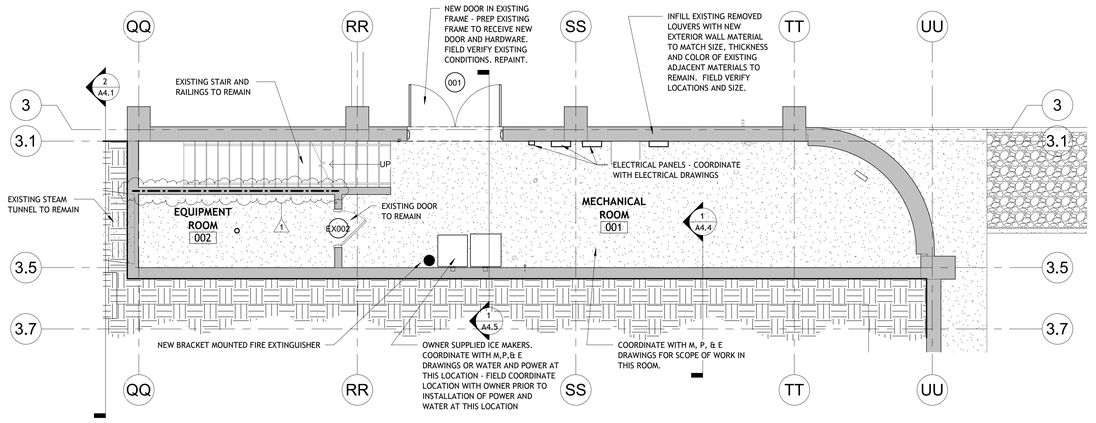
JOB NO. 2507
ISSUE DATE 12-10-25
SHEET TITLE FLOOR PLAN - NOTATIONS
DRAWN CWD
REVIEW KAC
A1.2



BASEMENT - DIMENSIONS

3/16" = 1'-0"

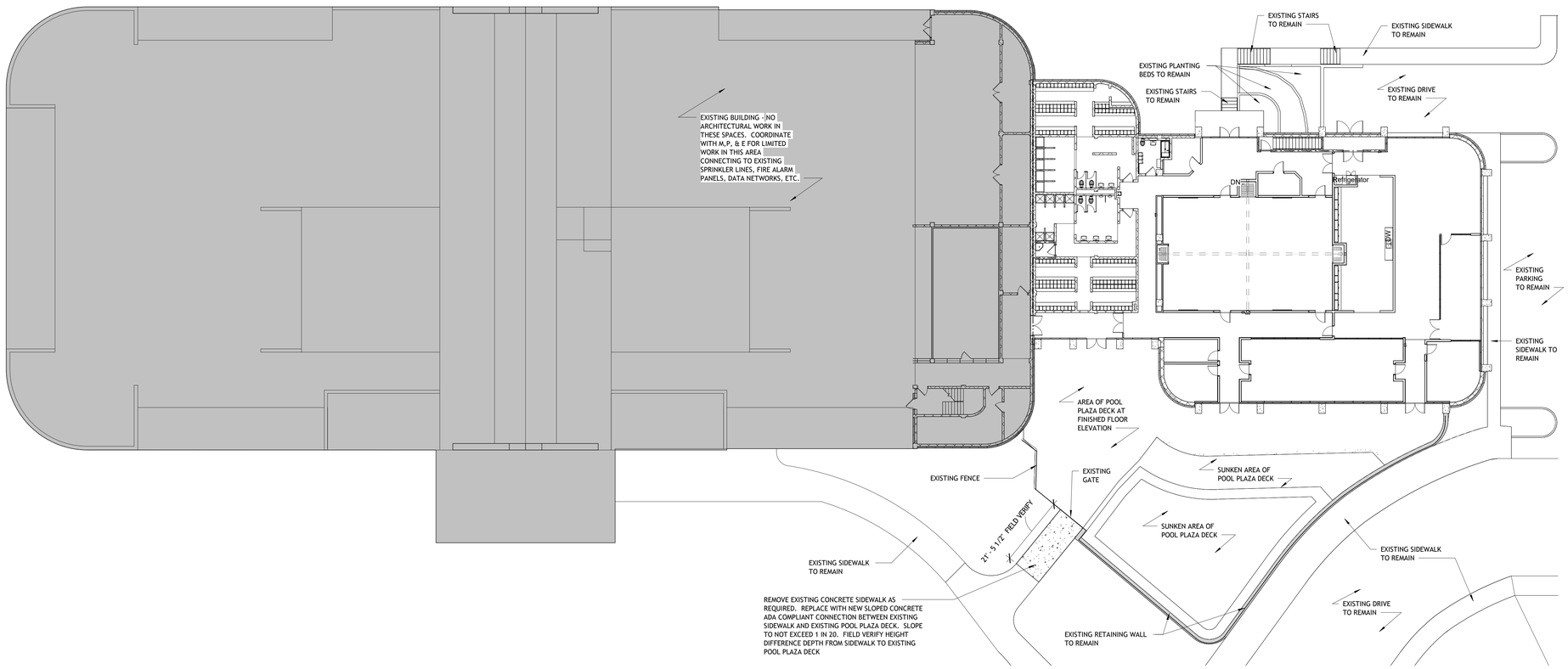
PLAN NORTH TRUE NORTH



BASEMENT - NOTATIONS

3/16" = 1'-0"

PLAN NORTH TRUE NORTH



OVERALL BUILDING

1/16" = 1'-0"

RATED WALL SYMBOL LEGEND

EXISTING 1-HOUR FIRE PARTITION; FROM EXISTING FLOOR TO UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT ALL OPENING AND PENETRATIONS IN FIRE PARTITION PER IBC 2021 714 AND 716.

EXISTING 2-HOUR FIRE BARRIER; FROM TOP OF EXISTING FOUNDATION TO UNDERSIDE OF EXISTING DECK ABOVE. EXISTING RATING RUNS THROUGH CONCEALED SPACES. PROTECT ALL OPENINGS AND PENETRATIONS IN FIRE BARRIER PER IBC 2021 714 AND 716.

NOTES:
ALL INTERIOR WALLS SHALL EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.

PROVIDE 3" HIGH, BRIGHT RED STENCILED LETTERS VISIBLE ABOVE CEILING AT ALL CHANGES IN DIRECTION AND AT 30' INTERVALS ALONG ALL RATED WALLS READING: "____ HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." (INCORPORATE CORRECT WALL DESIGNATIONS) FIRE WALLS SHALL BE STENCILED ON BOTH SIDES OF WALLS.

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025
LOCATION COOKEVILLE, TN
OWNER TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL

1

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

ISSUE DATE 12-10-25

SHEET TITLE BASEMENT FLOOR PLAN

DRAWN CWD

REVIEW KAC

A1.3

FINISH SCHEDULE - NATATORIUM RENOVATION

SPACE	DESCRIPTION	WAINSCOT	WSCT. HT.	FLOOR	BASE	MATERIALS WALLS N	E	S	W	CLG.	CLG. HEIGHT	FINISHES WALLS N	E	S	W	CLG.	REMARKS
001	MECHANICAL ROOM			EX	-	EX	EX	EX	EX	ES	9'-8" F.V.	-	-	-	-	-	* TO BOTTOM OF DECK ABOVE. 9'-6" TO BOTTOM OF STRUCTURAL MEMBER
002	EQUIPMENT ROOM			EX	-	EX	EX	EX	EX	ES	9'-8" F.V.	-	-	-	-	-	* TO BOTTOM OF DECK ABOVE. 9'-6" TO BOTTOM OF STRUCTURAL MEMBER
173	CORRIDOR			LVT	RB	-	GB	AS	GB	AC	12'-0"	-	P	P*	P	-	* REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT
174	DOCTORS OFFICE			LVT	RB	GB	GB	AS/EX	EX	AC	12'-0"	P	P	P*	P	-	* REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT
175	MEDICAL FILE STOR.			LVT	RB	GB	GB	GB	GB	AC	12'-0"	P	P	P	P*	-	* REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT
176	CORRIDOR			LVT	RB	GB	GB	GB	EX	AC	8'-8"/10'-6"	P	P	P	P	-	
177	MEETING ROOM			CT	RB	GB	GB	GB	GB	AC	11'-0"	P	P	P	P	-	PAINT MOVEABLE PARTITION STORAGE DOORS TO MATCH ADJACENT WALLS
178	CORRIDOR			LVT	RB	EX	GB	-	EX	AC	8'-8"	P*	P	-	P*	-	* REPAINT EXISTING CONCRETE BLOCK WALLS
179	CORRIDOR			LVT	RB	EX	GB	GB	EX	AC	12'-2"	P*	P	P	P	-	* REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT AND EXISTING WALL
180	STORAGE			LVT	RB	EX	GB	GB	EX	AC	10'-0"	P	P	P	P	-	
181	STORAGE			LVT	RB	GB	GB	GB	GB	AC	10'-0"	P	P	P	P	-	
182	EXERCISE EQUIPMENT AREA			SRF	RB	EX	EX	EX	AS/GB	AC	12'-0"	-	-	-	P	-	REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT AND EXISTING WALL
183	TREATMENT / TAPING AREA			SRF	RB	GB	GB*	GB	GB	AC	12'-0"	P	P*	P	P	-	* HALF HEIGHT WALL
184	STORAGE			LVT	RB	EX	EX	EX	EX	AC	8'-8"	P	P	P	P	-	
185	CORRIDOR			LVT	RB	-	GB	AS	GB	AC	12'-0"	-	P	P	P	-	
186	HEAD TRAINER OFFICE / CONF.			CT	GR	AS/GB	AS/EX	AS/EX	GB	AC	12'-0"	P	P*	P	P	-	* REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT
187	ASSISTANT TRAINER OFFICES			CT	RB	AS/GB	GB	AS	GB	AC	12'-0"	P	P	P*	P	-	* REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT
188	COLD BATH AREA			SRF	-	AS	EX	AS	AS	AC	12'-0"	-	-	-	-	-	REPAINT EXISTING FURR DOWN ABOVE EXISTING ALUMINUM STOREFRONT AND EXISTING WALL
EX139	EXISTING STORAGE			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX140	EXISTING STORAGE			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX155	EX VIEWING/CORRIDOR			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX155A	EX CORRIDOR			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX156	EX STAIR #3			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX157	EX STORAGE			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX158	EXISTING STORAGE			EX	EX	EX	EX	EX	EX	EX	EX	-	-	-	-	-	
EX159	EX HALL		/1\	WCT	RB	EX	EX	EX	EX	AC	8'-8"	P	-	-	P	-	
EX160	EX MENS LOCKER			EX	EX	EX	EX	EX	EX	AC	8'-8"	-	-	-	-	-	PROTECT WALLS WHILE CHANGING OUT ACOUSTIC CEILING TILES
EX161	EX SHOWERS			EX	EX	EX	EX	EX	EX	AC*	8'-8"	-	-	-	-	-	* EXISTING HARD CEILINGS OVER SHOWERS TO REMAIN. REPAINT WITH EPOXY PAINT
EX162	EX TOILET	EX	4' - 0"	EX	EX	EX	EX	EX	EX	AC	8'-8"	-	-	-	-	-	PROTECT WALLS AND TOILET PARTITIONS WHILE CHANGING OUT ACOUSTIC CEILING TILE. COORDINATE OVERHEAD SUPPORT OF TOILET PARTITIONS WITH NEW ACOUSTIC CEILING TILE
EX163	EX TOILET	EX	4' - 0"	EX	EX	EX	EX	EX	EX	AC	8'-8"	-	-	-	-	-	PROTECT WALLS AND TOILET PARTITIONS WHILE CHANGING OUT ACOUSTIC CEILING TILE. COORDINATE OVERHEAD SUPPORT OF TOILET PARTITIONS WITH NEW ACOUSTIC CEILING TILE
EX164	EX SHOWER			EX	EX	EX	EX	EX	EX	AC*	8'-8"	-	-	-	-	-	* EXISTING HARD CEILINGS OVER SHOWERS TO REMAIN. REPAINT WITH EPOXY PAINT
EX165	EX WOMENS LOCKERS			EX	EX	EX	EX	EX	EX	AC	8'-8"	-	-	-	-	-	
EX169	EX FAMILY TOILET	EX	4' - 0"	EX	EX	EX	EX	EX	EX	AC	8'-8"	-	-	-	-	-	
EX171	EX STAIR 7			EX	-	EX	EX	EX	EX	AC	8'-8"	-	-	-	-	-	
EX172	EX JAN.			EX	EX	EX	EX	EX	EX	ES	-	-	-	-	-	-	

DOOR SCHEDULE - NATATORIUM RENOVATION

DOOR NO.	TYPE	NO. LEAFS	OPENING SIZE W	H	THICKNESS	MATERIAL	LABEL	UNDER CUT	GLASS TYPE	HARDWARE	FRAME TYPE	MATERIAL	DETAIL HEAD	TRANS.	JAMB	SILL	REMARKS
001	F	2	8' - 0"	7' - 0"	0' - 1 3/4"	HM	-		-	1	EX*	HM	-	-	-	-	* NEW DOOR IN EXISTING FRAME. PREP AND PAINT EXISTING FRAME.
159A	FG	2	6' - 0"	7' - 2"	0' - 1 3/4"	AS	-		-	AL-1	EX	AS	-	-	-	-	* NEW RATED DOOR IN EXISTING RATED FRAME
159B	F	2	6' - 0"	7' - 0"	0' - 1 3/4"	WD	B90		-	2	EX	HM	-	-	-	-	NEW ALUM STOREFRONT DR IN EXISTING FRAME
159C	FG	2	6' - 0"	7' - 2"	0' - 1 3/4"	AS	-		-	AL-4	EX	AS	-	-	-	-	* NEW DOOR IN NEW FRAME IN EXISTING WALL - COORDINATE WITH EXISTING CONDITIONS FROM REMOVED DOOR AND WALL, ACCESS CONTROL
171	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	C45		-	3	IV	HM	19	-	20	-	
174	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	5	I	HM	2	-	4	-	
175	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	3	I	HM	2	-	4	-	ACCESS CONTROL
177A	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	7	III	HM	2/3	7	4/5/6	1	
177B	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	7	III	HM	2/3	7	4/5/6	1	
177C	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	7	III	HM	2/3	7	4/5/6	1	
177D	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	7	III	HM	2/3	7	4/5/6	1	
180	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	3	I	HM	2	-	4	-	ACCESS CONTROL
181	F	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	3	I	HM	2	-	4	-	ACCESS CONTROL
182A	NL	2	6' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	6	II	HM	2	-	4	-	ACCESS CONTROL
182B	NL	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	3	I	HM	2	-	4	-	ACCESS CONTROL
184	F	2	6' - 0"	7' - 0"	0' - 1 3/4"	WD	C45		-	4	V	HM	19	-	20	-	* NEW DOOR IN NEW FRAME IN EXISTING WALL - COORDINATE WITH EXISTING CONDITIONS FROM REMOVED DOOR AND FRAME, ACCESS CONTROL
186	NL	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	5	III	HM	2/3	7	4/5/6	1	
187A	NL	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	8	I	HM	2	-	4	-	
187B	NL	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	-		-	8	I	HM	2	-	4	-	
188A	FG	1	3' - 0"	7' - 2"	0' - 1 3/4"	AS	-		A	AL-5	VII	AS	8/11	15	16/18	-	
188B	FG	2	6' - 0"	7' - 2"	0' - 1 3/4"	AS	-		A	AL-6	VI	AS	8/11	15	16/17	-	
EX002	EX	1	3' - 0"	7' - 0"	0' - 1 3/4"	EX	-		-	-	EX	EX	-	-	-	-	
EX162	EX	1	3' - 0"	7' - 0"	0' - 1 3/4"	EX	-		-	-	EX	EX					EXISTING DOOR AND FRAME TO REMAIN
EX163	EX	1	3' - 0"	7' - 0"	0' - 1 3/4"	EX	-		-	-	EX	EX					EXISTING DOOR AND FRAME TO REMAIN
EX169	EX	1	3' - 0"	7' - 0"	0' - 1 3/4"	EX	-		-	-	EX	EX					EXISTING DOOR AND FRAME TO REMAIN
EX172	EX	1	3' - 0"	7' - 0"	0' - 1 3/4"	EX	C45		-	-	EX	EX	-	-	-	-	EXISTING DOOR AND FRAME TO REMAIN
EX173A	FG	2	6' - 0"	7' - 2"	0' - 1 3/4"	AS	-		B	AL-1	EX	AS					NEW ALUMINUM STOREFRONT DOOR IN EXISTING STOREFRONT, ACCESS CONTROL
EX173D	FG	2	6' - 0"	7' - 2"	0' - 1 3/4"	AS	-		B	AL-3	EX	AS					NEW ALUMINUM STOREFRONT DOOR IN EXISTING STOREFRONT
EX179A	FG	2	6' - 0"	7' - 2"	0' - 1 3/4"	AS	-		B	AL-1	EX	AS	-	-	-	-	NEW ALUMINUM STOREFRONT DOOR IN EXISTING STOREFRONT, ACCESS CONTROL

FINISH SCHEDULE LEGEND

AC	ACOUSTIC LAY-IN CEILING TYPE
AP	APPLIED GYP. OR GYP. BD. ON FURRING STRIPS AND/OR HAT CHANNELS
AS	ALUMINUM STOREFRONT
B	BRICK
CB	CONCRETE BLOCK
CT	CARPET TILE
CW	ALUMINUM CURTAIN WALL
DF	DRYFOG PAINT
EC	EXPOSED CONCRETE
EF	EPOXY FLOOR COVERING
EP	EPOXY PAINT
ES	EXPOSED STRUCTURE
EX	EXISTING
G	GYPSUM BOARD
LVT	LUXURY VINYL TILE
MP	MOVEABLE WALL PANEL
P	PAINT - SEE SPECIFICATIONS SECTION 09 91 00
PT	PORCELAIN TILE
RB	RUBBER BASE
RR	RADIAL RUBBER TILE
SC	SEALED CONCRETE
SRF	SPORTS RUBBER FLOORING
WCT	WALK-OFF CARPET TILE

NOTES:
- REFER TO SPECIFICATIONS FOR PAINT TYPES AT ALL STEEL, HOLLOW METAL, ETC.
- WALL LOCATIONS ARE BASED ON PLAN NORTH

GLASS TYPES

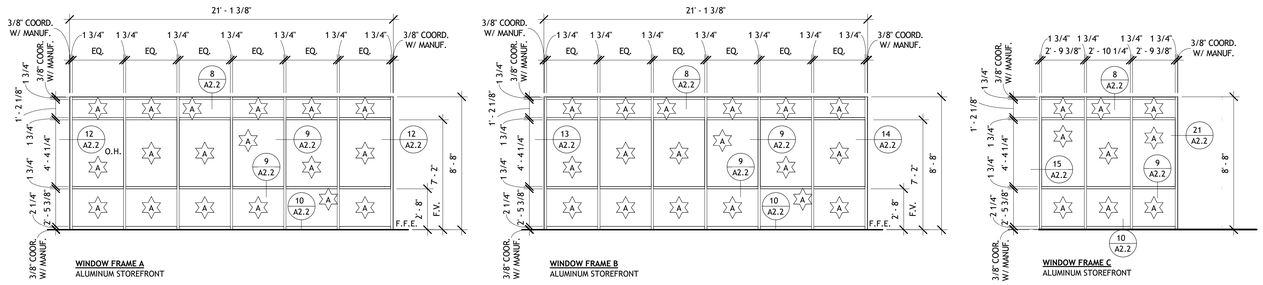
A — 1/4" CLEAR TEMPERED

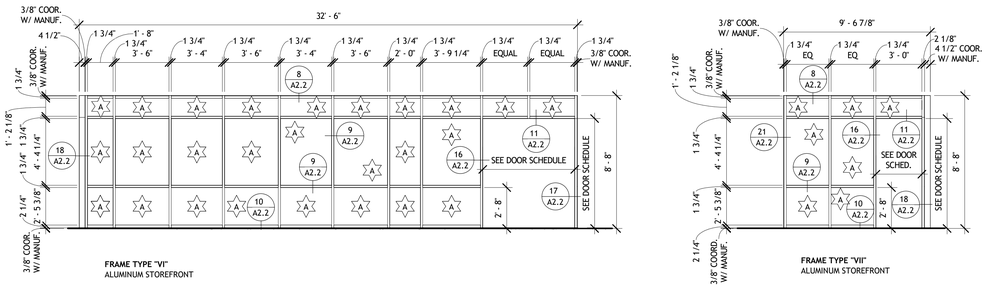
B — 1" INSULATED LOW-E TEMPERED W/ TINT (1/4" TINTED TEMPERED GLASS WITH LOW-E SPUTTERED ON #2 SURFACE, 1/2" AIRSPACE, 1/4" CLEAR TEMPERED GLASS)

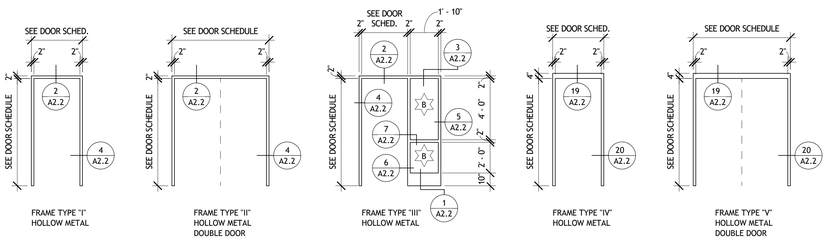
GENERAL DOOR SCHEDULE NOTES

1. DOOR THICKNESS SHALL BE 1-3/4" UNLESS NOTED OTHERWISE.
2. ALL DOORS IN SMOKE BARRIERS AND FIRE RATED ASSEMBLIES SHALL BE SELF CLOSING OR PROVIDED WITH FAIL-SAFE HOLD OPEN DEVICES.
3. GLASS IN FIRE DOORS SHALL BE EMBEDDED IN PUTTY AND EXPOSED JOINTS BETWEEN METAL / WOOD AND GLASS SHALL BE STRUCK AND POINTED.
4. ALL VIEW PANELS IN FIRE DOORS SHALL BE LABELED AND SHALL HAVE A MINIMUM RATING OF 45 MINUTES PER NFPA 257.
5. FIRE RATED DOORS, AND THE ACCOMPANYING HARDWARE, FRAMES, CLOSING DEVICES, ANCHORAGE AND SILL SHALL BE APPROVED LISTED AND LABELED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 80.
6. COMBUSTIBLE FLOOR FINISHES HAVING A CRITICAL RADIAN FLUX OF 0.22 W/CM2 OR LESS SHALL NOT EXTEND UNDER FIRE RATED DOORS. SUCH DOORWAYS SHALL HAVE METAL THRESHOLDS A MINIMUM WIDTH EQUAL TO THE JAMB DEPTH OR 4 INCHES, WHICHEVER IS LESS.
7. IF A DOOR IS EQUIPPED WITH A CLOSER, THE SWEEP SHALL BE SET SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH AS MEASURED FROM THE LEADING EDGE OF THE DOOR.
8. SURFACE APPLIED HARDWARE SHALL BE APPLIED TO THE FACE OF DOORS WITHOUT REMOVING MATERIAL FROM THE DOOR OTHER THAN A MAXIMUM OF 1" DIAMETER HOLES TO ACCOMMODATE OPERATIONAL ELEMENTS, WITH THE EXCEPTION OF CYLINDER HOLES, WHICH SHALL BE MADE AS SMALL AS POSSIBLE.
9. SIGNAGE ON RATED DOORS SHALL NOT EXCEED 5% OF THE AREA OF THE FACE OF THE DOOR. THEY SHALL BE ATTACHED USING ADHESIVE - SCREWS OR NAILS ARE NOT PERMITTED.
10. SIGNAGE SHALL NOT BE APPLIED TO GLASS AREAS OR ON THE OPERATING HARDWARE.
11. ALL DOORS TO BE POSITIVE LATCHING, UNLESS NOTES OTHERWISE (EXCEPT MULTI-STALL RESTROOM DOORS).
12. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE AT THE JOB SITE FOR ALL RATED DOOR ASSEMBLIES.
13. ALL DOORS IN CLASSROOM, LAB AND PERFORMANCE AREAS TO HAVE ACOUSTIC SEALS, COORDINATE WITH SPECIFICATIONS.
14. ALL PANIC DEVICES TO BE PUSH BAR TYPE.
15. ALL STOREFRONT DOORS TO HAVE 10" BOTTOM RAIL, TYP.
16. IN DOORS WHERE VISION GLASS IS PROVIDED, THE MAXIMUM HEIGHT FROM THE FLOOR TO THE BOTTOM OF THE VIEWING GLASS SHALL BE 43"
17. DOORS SHALL BE INSTALLED 4" FROM THE OUTSIDE EDGE OF JAMB TO ADJACENT WALL UNLESS NOTED OR DEPICTED OTHERWISE.
18. UNDERCUTTING OF DOORS SHALL BE DONE IN ACCORDANCE WITH NFPA 80 (CURRENT ISSUE) TABLE 1-11.4.
19. WOOD DOORS TO BE SUPPLIED WITH PROPER BLOCKING FOR CLOSERS WITHOUT THRU BOLTS.
20. GC TO COORDINATE ELECTROMATIC HOLD OPENS WITH DOOR HARDWARE SUPPLIER AND ELECTRICIAN.
21. FRAME SUPPLIER TO PROVIDE WELDED BOX IN HM FRAMES WHERE ELECTRICAL CONNECTIONS ARE REQUIRED, TYP.
22. AS PER IBC 2021, SECTION 1010.1.3: "THE OPENING FOR INTERIOR SIDE-SWINGING DOORS WITHOUT CLOSERS SHALL NOT EXCEED A 5 POUND FORCE. FOR OTHER SIDE-SWING, SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO A 30-POUND FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECTED TO A 15-POUND FORCE. FORCES SHALL BE APPLIED TO THE LATCH SIDE." DOOR SHALL BE INSTALLED AND ADJUSTED TO MEET THIS REQUIREMENT.
23. REFER TO M,P, & E DRAWINGS FOR ADDITIONAL INFORMATION REGARDING POWER TO ELECTRIFIED HARDWARE.
24. PAINT DOOR LOUVERS AND LITE KIT FRAMES TO MATCH DOOR FRAME PAINT.
25. ADA 404.2.11 VISION LIGHTS. - DOORS, GATES, AND SIDE LIGHTS ADJACENT TO DOORS OR GATES, CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE GLAZED PANEL LOCATED 43 INCHES (1090 MM) MAXIMUM ABOVE THE FINISH FLOOR.

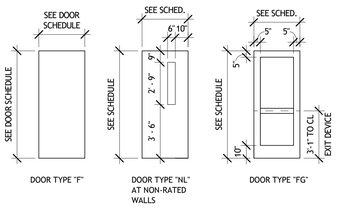
WINDOW TYPES







FRAME TYPES



DOOR TYPES

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025
LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL

KEITH ALLEN CHAMBERLIN — REGISTERED ARCHITECT — 121025 — STATE OF TENNESSEE

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

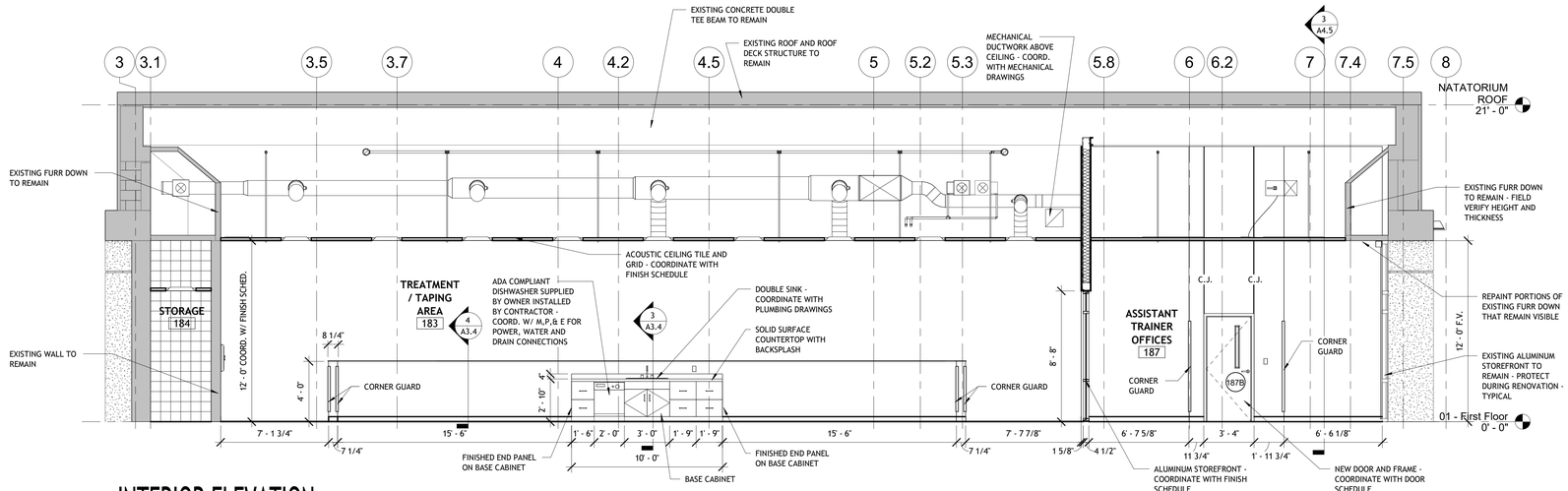
ISSUE DATE 12-10-25

SHEET TITLE: FINISH SCHEDULE AND DOOR SCHEDULES

DRAWN CWD

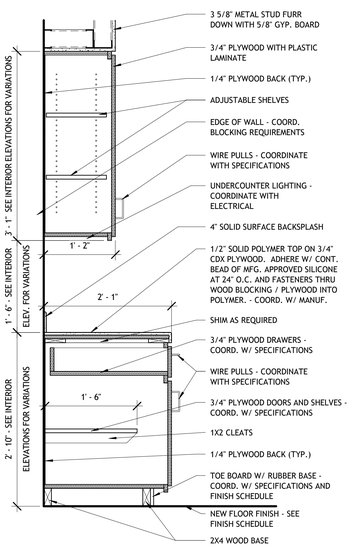
REVIEW KAC

A2.1



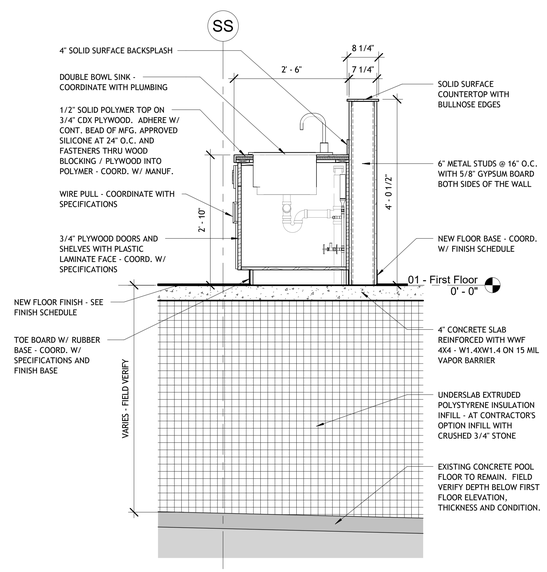
INTERIOR ELEVATION 1

1/4" = 1'-0"



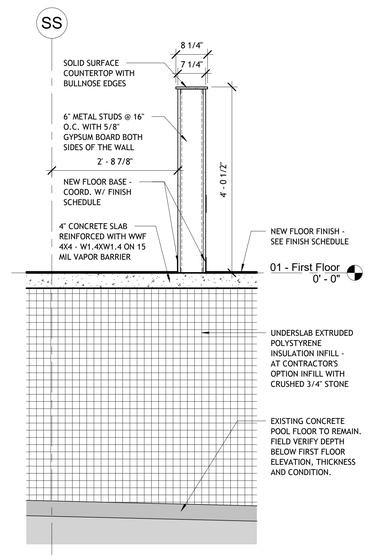
CABINET SECTION 2

1" = 1'-0"



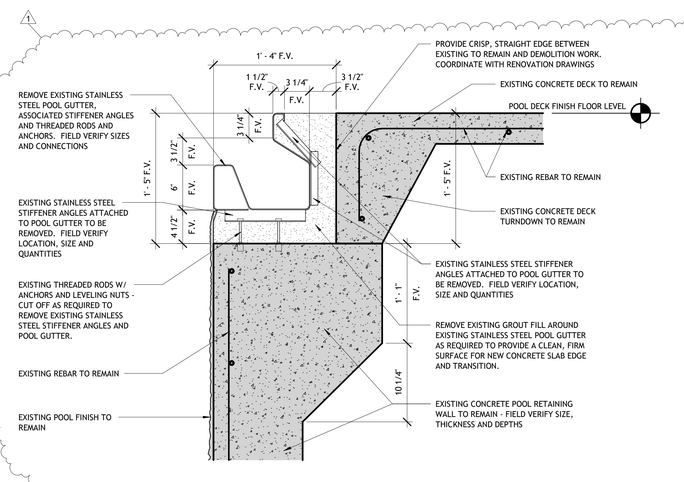
WALL SECTION 3

3/4" = 1'-0"



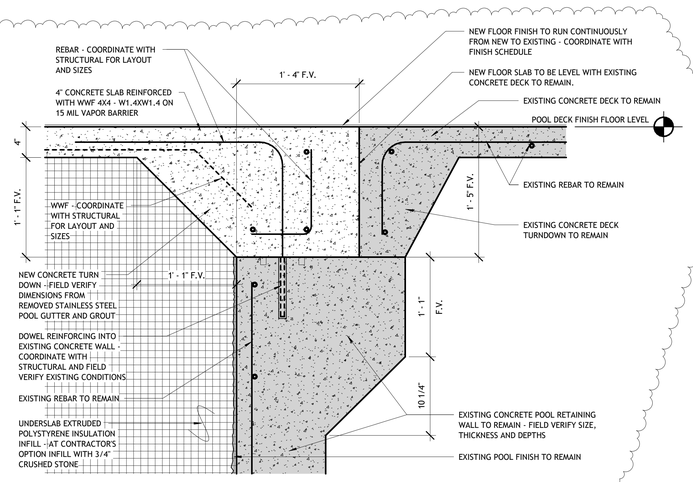
WALL SECTION 4

3/4" = 1'-0"



EX POOL GUTTER DEMO DTL 5

1 1/2" = 1'-0"



RENOVATED POOL EDGE DTL 6

1 1/2" = 1'-0"

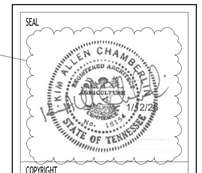
Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

1

SEAL



REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

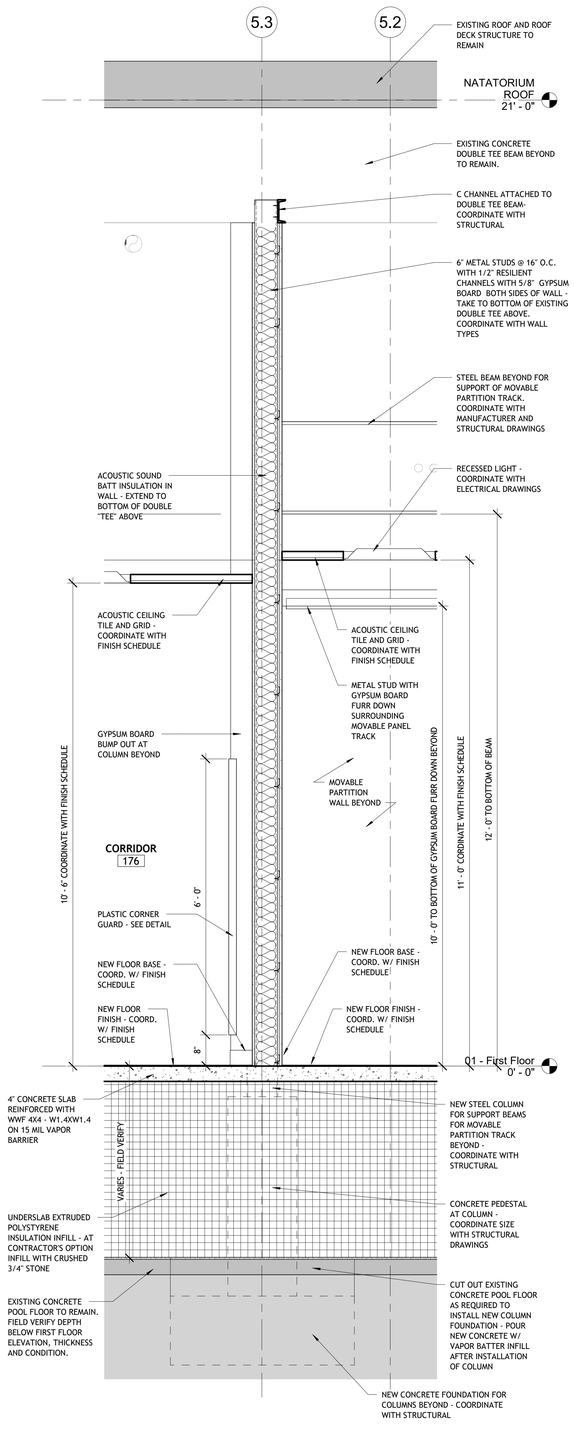
ISSUE DATE 12-10-25

SHEET TITLE: INTERIOR ELEVATIONS

DRAWN CWD

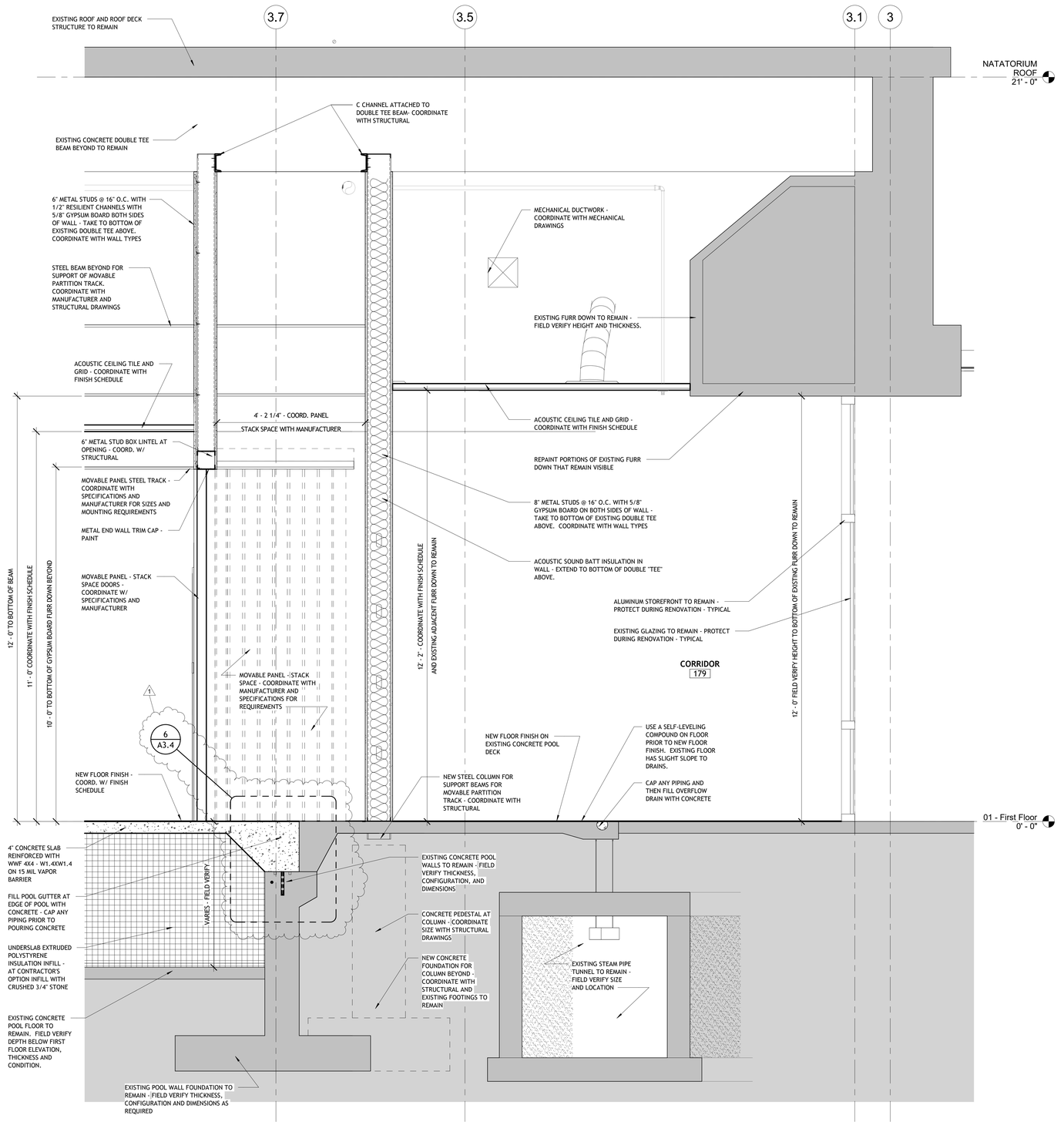
REVIEW KAC

A3.4



WALL SECTION 1

3/4" = 1'-0"



WALL SECTION 2

3/4" = 1'-0"

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

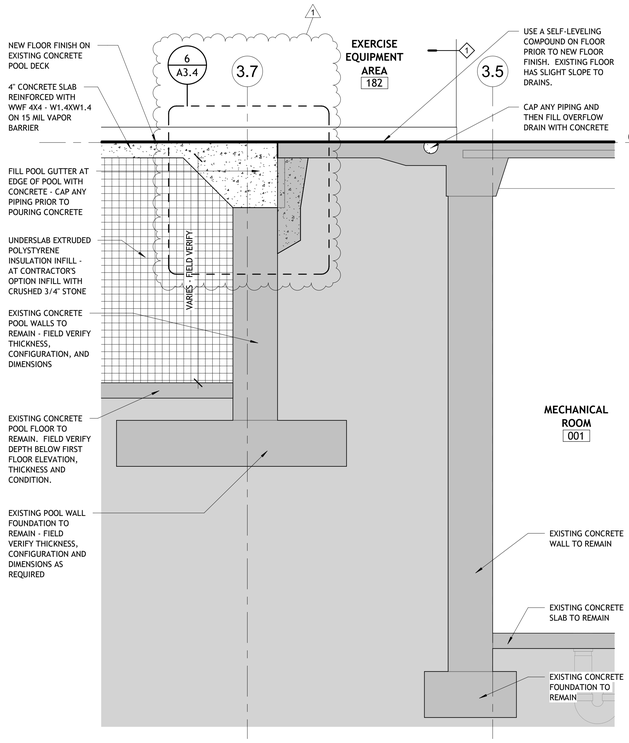
1

SEAL
ALLEN CHAMBERLAIN
REGISTERED ARCHITECT
STATE OF TENNESSEE

REVISIONS

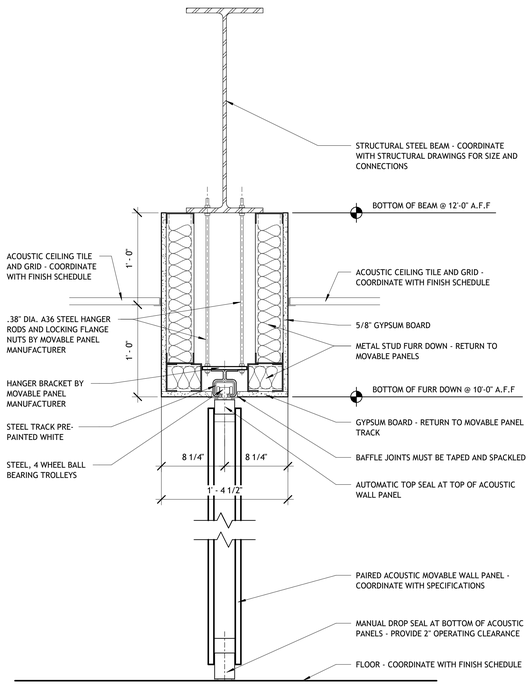
NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507
ISSUE DATE 12-10-25
SHEET TITLE WALL SECTIONS
DRAWN CWD
REVIEW KAC
A4.1



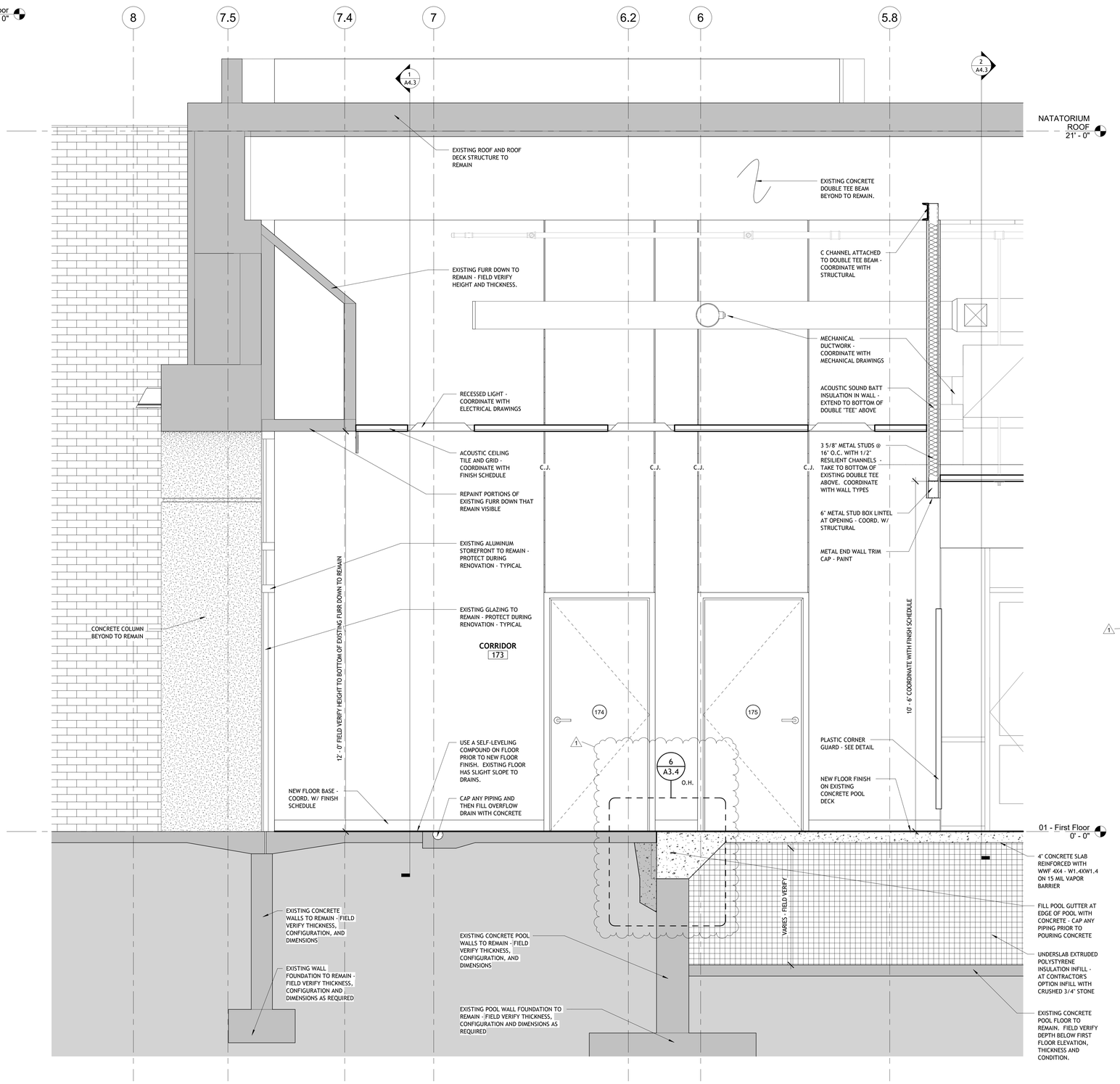
WALL SECTION 1

3/4" = 1'-0"



TRACK PARTITION SUPPORT 2

1 1/2" = 1'-0"



WALL SECTION 3

3/4" = 1'-0"

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY
LOCATION: COOKEVILLE, TN

SEAL

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

ISSUE DATE 12-10-25

SHEET TITLE: WALL SECTIONS

DRAWN: CWD
REVIEW: KAC

A4.4

LEGEND OF SYMBOLS

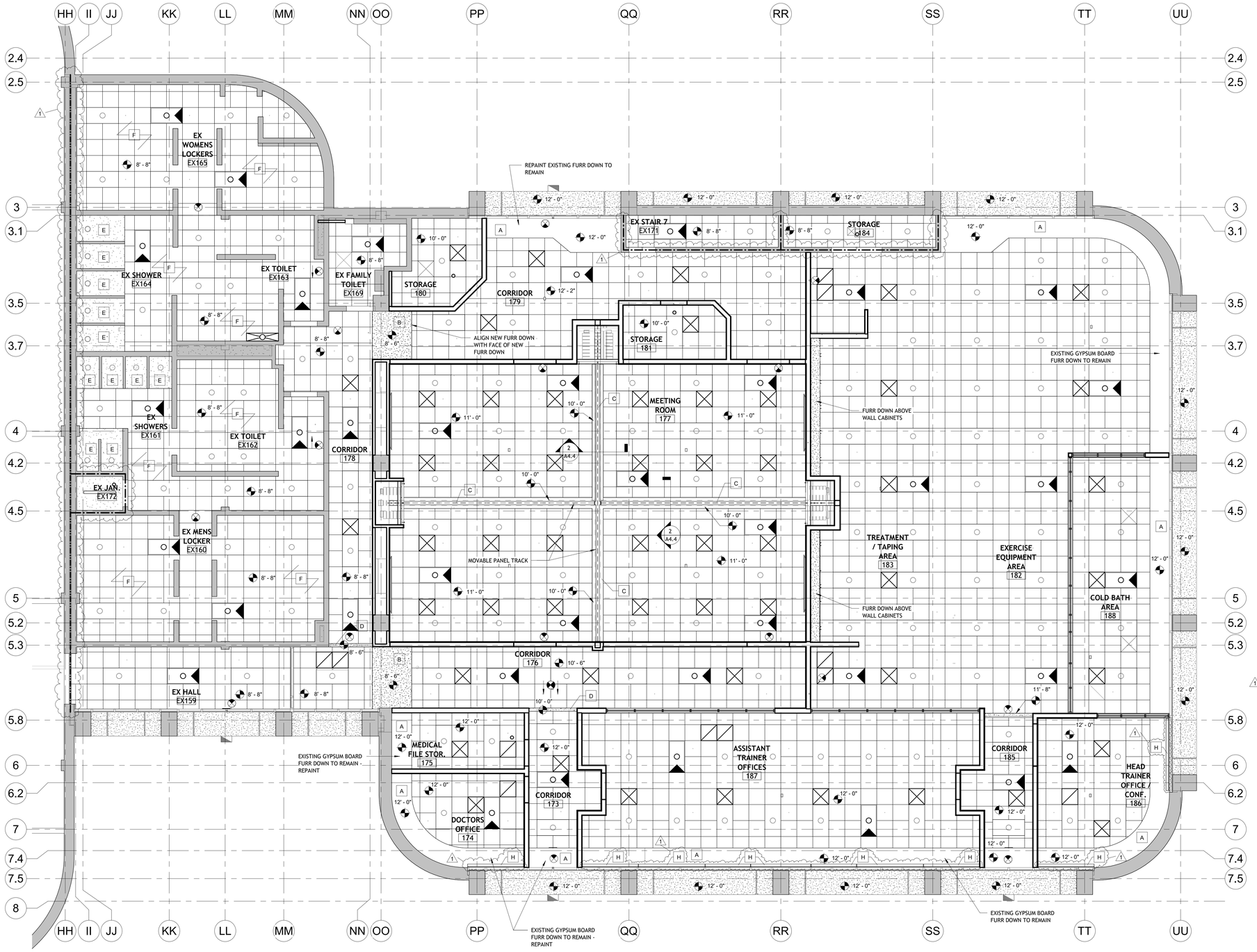
- 2' x 2' LAY-IN CEILING GRID
- GYPSUM BOARD CEILING
- EXISTING CONCRETE DOUBLE "T" ROOF STRUCTURE
- 2' x 4' RECESSED LIGHT FIXTURE
- 2' x 2' RECESSED LIGHT FIXTURE
- 2' x 4' RECESSED LIGHT FIXTURE - EMERGENCY
- 2' x 2' RECESSED LIGHT FIXTURE - EMERGENCY
- 1' x 4' SURFACE MOUNT OR SUSPENDED LIGHT FIXTURE
- 2' X 4' SURFACE MOUNT OR SUSPENDED LIGHT FIXTURE
- RECESSED LUMINAIRE
- SURFACE MOUNT OR SUSPENDED LUMINAIRE
- WALL MOUNTED VANITY FIXTURE
- WALL MOUNTED LINEAR SCONCE
- EXIT SIGN - SINGLE OR DOUBLE FACE, WALL OR CLG. MOUNTED, COORDINATE WITH ELECTRICAL DRAWINGS. DIRECTIONAL ARROWS SHALL BE PROVIDED AS SHOWN. EXIT SIGN SHALL BE ON THE LIFE-SAFETY CIRCUIT OF THE GENERATOR FOR OPERATION DURING LOSS OF NORMAL BUILDING POWER.
- SUPPLY DIFFUSER
- EF — EXHAUST FAN
- RETURN GRILLE
- EH — ELECTRIC HEATER
- OCCUPANCY SENSOR
- SMOKE DETECTOR (CEILING MOUNTED)

GENERAL NOTES

1. LIGHTS, HVAC DIFFUSERS AND EXHAUST VENTS ARE SHOWN FOR REFERENCE ONLY AND MAY NOT BE ALL INCLUSIVE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS.
2. REFER TO FP0.1 THROUGH FR0.1 FOR SPRINKLER HEAD LOCATIONS. SPRINKLER HEADS ARE TO BE CENTERED WITHIN CEILING TILES - TYPICAL.
3. PROVIDE ROLLER SHADES AT WINDOWS AS NOTED ON PLANS.

REFLECTED CEILING PLAN KEY NOTES

- A — EXISTING FURR DOWN TO REMAIN. REPAINT ALL EXPOSED PORTIONS OF FURR DOWN.
- B — ALIGN NEW FURR DOWN WITH FACE OF EXISTING FURR DOWN ABOVE TO REMAIN. REPAINT ALL EXPOSED FURR DOWN SURFACES.
- C — NEW MOVABLE PARTITION TRACK IN GYPSUM BOARD FURR DOWN. COORDINATE WITH DETAIL 2 /A4.4 AND SPECIFICATIONS. TRACK IS SUPPORTED BY NEW STEEL COLUMN AND BEAM SYSTEM. COORDINATE WITH STRUCTURAL DRAWINGS.
- D — NEW GYPSUM BOARD FURR DOWN
- E — REPAINT EXISTING GYPSUM BOARD FURR DOWN TO REMAIN OVER EXISTING SHOWERS. FIELD VERIFY EXISTING CONDITION, DIMENSIONS AND STRUCTURE
- F — COORDINATE NEW CEILING AND GRID WITH EXISTING OVERHEAD BRACED TOILET PARTITIONS TO REMAIN.
- G — COORDINATE WITH MECHANICAL DRAWINGS FOR SIZE, SHAPE AND CONFIGURATION OF NEW DUCTWORK.
- H — CEILING-MOUNTED MANUALLY OPERATED WINDOW ROLLER SHADE. COORDINATE WITH SPECIFICATIONS SECTION 12 24 13 ROLLER WINDOW SHADES.



NATATORIUM REFLECTED CEILING PLAN

3/16" = 1'-0"

RATED WALL SYMBOL LEGEND

EXISTING 1-HOUR FIRE PARTITION; FROM EXISTING FLOOR TO UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT ALL OPENING AND PENETRATIONS IN FIRE PARTITION PER IBC 2021 714 AND 716.

EXISTING 2-HOUR FIRE BARRIER; FROM TOP OF EXISTING FOUNDATION TO UNDERSIDE OF EXISTING DECK ABOVE. EXISTING RATING RUNS THROUGH CONCEALED SPACES. PROTECT ALL OPENINGS AND PENETRATIONS IN FIRE BARRIER PER IBC 2021 714 AND 716.

NOTES:
ALL INTERIOR WALLS SHALL EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.

PROVIDE 3" HIGH, BRIGHT RED STENCILED LETTERS VISIBLE ABOVE CEILING AT ALL CHANGES IN DIRECTION AND AT 30' INTERVALS ALONG ALL RATED WALLS READING: " ___ HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." (INCORPORATE CORRECT WALL DESIGNATIONS) FIRE WALLS SHALL BE STENCILED ON BOTH SIDES OF WALLS.

Upland Design Group
P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

TENNESSEE TECHNOLOGICAL UNIVERSITY
ACADEMIC WELLNESS CENTER RENOVATIONS
SBC #364/011-01-2025

LOCATION: COOKEVILLE, TN
OWNER: TENNESSEE TECHNOLOGICAL UNIVERSITY

SEAL

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	1-12-26

JOB NO. 2507

ISSUE DATE 12-10-25

SHEET TITLE: REFLECTED CEILING PLAN

DRAWN: CWD

REVIEW: KAC

A5.1