WEST BROOK AUXILIARY FIELD HOUSE

8750 PHELAN BLVD

BEAUMONT, TX 77706

OWNER

Beaumont Independent School District 3395 Harrison Avenue Beaumont, TX 77706

> (409) 617.5652 adevaul@bmtisd.com

ARCHITECT

ARCHITECTURAL ALLIANCE, INCORPORATED 350 Pine Street Suite 720 Beaumont, Texas 77701

Contact:

CIVIL

FITTZ & SHIPMAN 1405 Cornerstone Court

STRUCTURAL

FITTZ & SHIPMAN

OPENING

PLASTER

PARTITION

RETURN AIR

ROOF DRAIN

RECESSED

REQUIRED

RESILIENT

REVISION

RIGHT HAND

RIGHT HAND REVERSE

ROUGH OPENING

ROD AND SHELF

SOLID CORE

SQUARE FEET

SCHEDULE

SHEET

RAINWATER LEADER

REFERENCE

REFRIGERATOR

REINFORCING BAR

POUNDS PER SQUARE INCH

REFLECTED CEILING PLAN

REINFORCING / REINFORCED

PRESSURE TREATED

POLYVINYL CHLORIDE

PAINT

PLAS

PSF

REFR

1405 Cornerstone Court Contact:

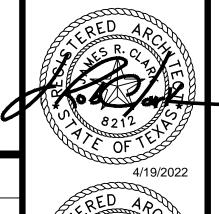
MECH, ELECT, PLUMB, & TECHNOLOGY

10930 West Sam Houston Pkwy N Suite 900,

dan.stephens@salasobrien.com



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Mechanical Legend and Detail

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S HOGH 固 BR

SCHEMATIC DESIGN DATE: 1/26/2021

BIDS & CONSTRUCTION X DATE: 4/18/2022 REVISION: DATE:__ REVISION:

DATE:__

REVISION:

DESIGN DEVELOPMENT —

DRAWINGS SHEET TITLE **COVER SHEET**

SET NUMBER SHEET NUMBER

21021 PROJECT NUMBER

ABBREVIATIONS

AIR CONDITIONING ACT ACOUSTICAL CEILING TILE AREA DRAIN ADA AMERICANS WITH DISABILITIES ACT ADJUSTABLE ABOVE FINISH FLOOP ALUM ANOD ANODIZED APPROX ASPH **BITUMINOUS** BLDG BLKG **BLOCKING BOTTOM OF** BOT BRG **BEARING** BTWN BETWEEN **BUILT-UP ROOF CABINET CEMENTITIOUS** BACKER UNIT

ANCHOR BOLT

CENTER-TO-CENTER CEMENT CERAMIC CORNER GUARD CAST-IN-PLACE **CONTROL JOINT** CLEAR(ANCE) CLOS CLOSET CONCRETE MASONRY UNIT **CLEAN OUT** COLUMN CONC CONCRETE CONSTR CONSTRUCTION CONT CONTINUOUS

COORD COORDINATE CORR **CORRIDOR** CTR CENTER CUBIC YARD DOUBLE DEMOLITION DEPARTMENT DET DIAMETER DIMENSION DEAD LOAD

DOWNSPOUT DWR **DRAWER** EQ

EACH FACE / EXHAUST FAN **EXPANSION JOINT** EXTERIOR INSULATED **FINISH SYSTEM** ELECTRICAL **ELEVATION EMERGENCY ENCLOSURE** EQUAL **EQUIPMENT ELECTRIC WATER COOLER** EXH **EXHAUST EXISTING EXPANSION / EXPOSED**

EXIST EXP EXTERIOR FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR FINISH FLOOR ELEVATION

FLOOR **FLUORESCENT FACTORY MUTUAL** FACE OF (SPECIFY ITEM) FACE OF BRICK FOC **FACE OF CONCRETE** FACE OF STUD FIRE RESISTIVE FEET / FOOT FTG FOOTING FURRING / FURRED

GUAGE GALVANIZED GRAB BAR **GENERAL CONTRACTOR** GLASS / GLAZING GROUND GRADE **GYPSUM WALLBOARD**

HOSE BIB **HOLLOW CORE HOLLOW METAL** HORIZ HORIZONTAL HEATING, VENTILATION,

INSIDE DIAMETER INCLUDE(D) INSUL INSULATION **INTERIOR** INVERT **JANITOR JOIST**

JOINT KNOCK DOWN KITCHEN KNOCK OUT

LAVATORY LINEAL FOOT LIVE LOAD LONG LEG HORIZONTA LLV

MEMBRANE

MINIMUM

MIRROR

MULLION

NUMBER

NOMINAL

MANUFACTURER

MISCELLANEOUS

NOT APPLICABLE

NOT IN CONTRACT

OUTSIDE DIAMETER

OWNER FURNISHED/

OWNER FURNISHED/

OPPOSITE HAND (OR

OWNER INSTALLED

OVERHEAD)

SYMBOL KEY

(OR OVERFLOW DRAIN)

CONTRACTOR INSTALLED

NOT TO SCALE

ON CENTER

MASONRY OPENING

MACH

MAX

MEMB

MEZZ

MASONRY MAXIMUM MEDIUM DENSITY FIBERBOARD MECHANICAL

SIM

SIMILAR **SPECIFICATION SQUARE** STAINLESS STEEL STONE SOUND TRANSMISSION CLASS STANDARD STL STEEL STOR **STORAGE** STRUCT STRUCTURAL

SUSPENDED SYMMETRICAL STANDARDS TOP AND BOTTOM **TONGUE AND GROOVE** TO BE DETERMINED **TELEPHONE**

TERRAZZO

THICK(NESS) OPPOSITE TENANT IMPROVEMENT TOP OF (SPECIFY ITEM) **PERPENDICULAR**

TOP OF CURB / CONCRETE TOP PLATE (OR PROPERTY LINE) TOP OF PARAPET PLASTIC LAMINATE TOP OF STEEL TOW TOP OF WALL **TOILET PARTITION** TUBULAR STEEL **TELEVISION** POUNDS PER SQUARE FOOT

UC

UNO

UNDERWRITERS LABORATORY **UNLESS NOTED OTHERWISE**

VINYL COMPOSITION TILE **VENT** VENTILATION **VERT VERTICAL VEST VESTIBULE VERIFY IN FIELD** VAPOR RETARDER VTR **VENT THRU ROOF** VINYL WALL COVERING

WELDED WIRE MESH

WATER CLOSET WOOD WINDOW WATER HEATER WITHOUT WATERPROOF WATER RESISTANT WELDED WIRE FABRIC

PROJECT INFORMATION

A. 2015 INTERNATIONAL BUILDING CODE

B. 2015 INTERNATIONAL EXISTING BUILDING CODE

D. 2015 INTERNATIONAL PLUMBING CODE E. 2015 INTERNATIONAL MECHANICAL CODE

H. 2014 ICC 600 STORM

I. 2012 TEXAS ACCESSIBILITY CODE (2012 TAS)

APPLICABLE CODES AND STANDARDS

C. 2015 INTERNATIONAL ENERGY CONSERVATION CODE

F. 2015 INTERNATIONAL FIRE CODE G. 2014 NATIONAL ELECTRIC CODE

General		
G000	Cover Sheet	
G100	Texas Accessibility Standards Summary	
G101	Texas Accessibility Standards Summary	
G200	Code Analysis Sheet	
EC100	Energy Code Compliance	
Civil		
SV.01	Topographic Survey	
C0.00	Demolition Plan	
C1.01	Drainage Plan	
C2.00	Dimensional Plan	
C3.00	Grading Plan	
C4.00	Utility Plan	
C5.00	Pavement Plan	
C6.00	Erosion Control Plan	
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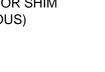
MATERIAL LEGEND

BLOCKING OR SHIM (CONTINUOUS)

BLOCKING OR SHIM

(INTERMITTENT)

AND AIR CONDITIONING



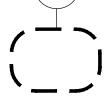
TOILET ACCESSORY

DOOR NUMBER





ENLARGED DETAIL







PARTITION TYPES



EXTERIOR ELEVATION TAG



ROOM NAME & NUMBER





NEW **AUXILIARY** FIELD HOUSE

VICINITY MAP THE SITE

MASONRY

MASONRY

GYPSUM BOARD

INSULATION

INSULATION

WINDOW TYPE

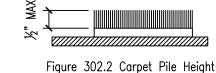
NORTH ARROW

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LOCATION MAP

1. Within animal containment areas, floor and ground surfaces shall not be required to be stable, firm, and slip resistant.

302.2 CARPET. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed edge. Carpet edge trim shall comply with 303.



2. Areas of sport activity shall not be required to comply with 302.

302.3 OPENINGS. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular

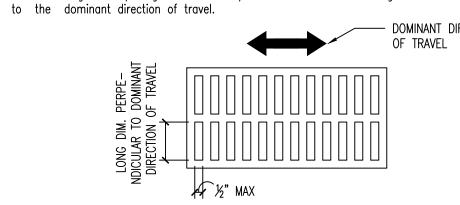


Figure 302.3 Elongated Openings in Floor or Ground Surfaces

303 CHANGE IN LEVELS

303.1 GENERAL. Where changes in level are permitted in floor or ground surfaces, they shall comply

EXCEPTIONS:

1. Animal containment areas shall not be required to comply with 303. 2. Areas of sport activity shall not be required to comply with 303.

303.2 VERTICAL. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be

303.3 BEVELED. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

303.4 RAMPS. Changes in level greater than 1/2 inch (13 mm) high shall be ramped, and shall comply with 405 or 406.

304 TURNING SPACE

304.1 GENERAL. Turning space shall comply with 304.

304.2 FLOOR OR GROUND SURFACES. Floor or ground surfaces of a turning space shall comply with 302. Changes in level are not permitted.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

304.3 SIZE. Turning space shall comply with 304.3.1 or 304.3.2.

304.3.1 CIRCULAR SPACE. The turning space shall be a space of 60 inches (1525) mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying

304.3.2 T-SHAPED SPACE. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.

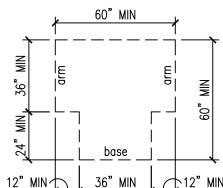


Figure 304.3.2 T-Shaped Turning Space

304.4 DOOR SWING. Doors shall be permitted to swing into turning spaces.

305 CLEAR FLOOR SPACE OR GROUND FLOOR SPACE

305.1 GENERAL. Clear floor or ground space shall comply with 305.

305.2 FLOOR OR GROUND SURFACES. Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

305.3 SIZE. The clear floor or ground space shall be 30 inches (760 mm) minimum by 48 inches (1220 mm) minimum

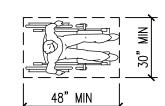
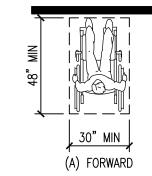


Figure 305.3 Clear Floor or Ground Space

305.4 KNEE AND TOE CLEARANCE. Unless otherwise specified, clear floor or ground space shall be permitted to include knee and toe clearance complying with 306.

305.5 POSITION. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element.



(B) PARALLEL

Figure 305.5 Position of Clear Floor or Ground Space

305.6 approach. One full unobstructed side of the clear floor or ground space shall adioin an accessible route or adioin another clear floor or ground space.

305.7 MANEUVERING CLEARANCE. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided in accordance with 305.7.1 and 305.7.2.

305.7.1 FORWARD APPROACH. Alcoves shall be 36 inches (915 mm)wide minimum where the depth exceeds 24 inches (610 mm).

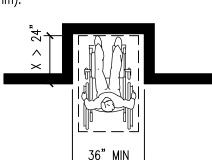


Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 PARALLEL APPROACH. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

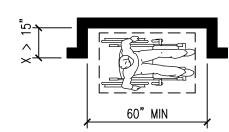
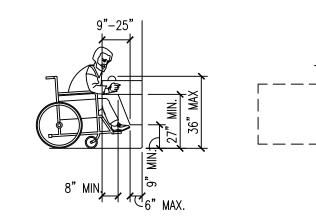


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

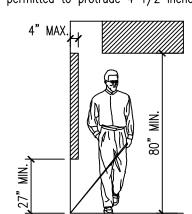
306 KNEE AND TOE CLEARANCE



307 PORTRUDING OBJECTS

307.2 PROTRUSION LIMITS. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.



307.3 POST-MOUNTED OBJECTS. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or

EXCEPTION: The sloping portions of handrails serving stairs and ramps shall not be required to comply with 307.3.

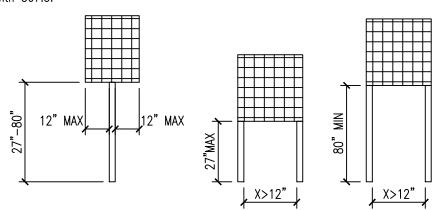
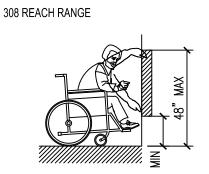
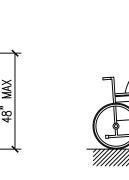


Figure 307.3 Post-Mounted Protruding Objects

307.4 VERTICAL CLEARANCE. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.





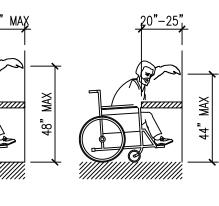


Figure 308.2.1 Unobstructed Forward Reach

Figure 308.2.2 Obstructed High Forward Reach

308.3 SIDE REACH. 308.3.1 UNOBSTRUCTED. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches (255 mm) maximum.

2. Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

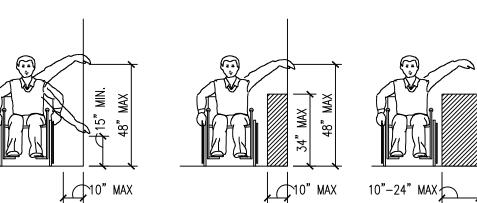


Figure 308.3.1 Unobstructed Side Reach

Figure 308.3.2 Obstructed High Side Reach

308.3.2 OBSTRUCTED HIGH REACH. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm)

maximum above the finish floor. 2. Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are

1. The top of washing machines and clothes dryers shall be permitted to be 36 inches (915 mm)

309 OPERABLE PARTS

installed on existing curbs.

309.4 OPERATION. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

EXCEPTION: Gas pump nozzles shall not be required to provide operable parts that have an activating force of 5 pounds (22.2 N) maximum.

402 ACCESSIBLE ROUTES

402.2 COMPONENTS. Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable requirements of Chapter 4.

403 WALKING SURFACE

403.3 SLOPE. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

403.5 CLEARANCES. Walking surfaces shall provide clearances complying with 403.5.

EXCEPTION: Within employee work areas, clearances on common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

403.5.1 CLEAR WIDTH. Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by seaments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

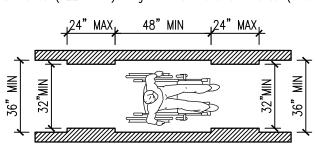
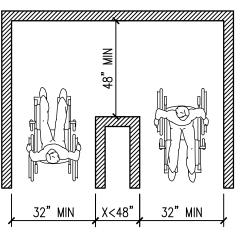


Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 CLEAR WIDTH AT TURN. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum leaving the turn.

EXCEPTION: Where the clear width at the turn is 60 inches (1525 mm) minimum compliance with 403.5.2 shall not be required.



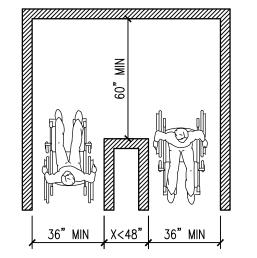


Figure 403.5.2 Clear Width at Turn

Figure 403.5.2 Clear Width at Turn (EXCEPTION) 403.5.3 PASSING SPACES. An accessible route with a clear width less than 60 inches (1525 mm) shall

provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either: a space 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum; or, an intersection of two walking surfaces providing a T-shaped space complying with 304.3.2 where the base and arms of the T-shaped space extend 48 inches (1220 mm) minimum beyond the intersection.

404 DOORS, DOORWAYS, AND GATES

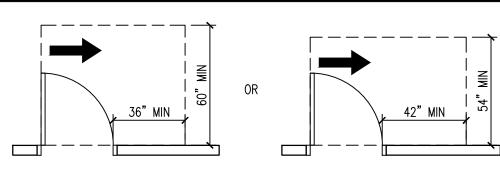
404.2.3 CLEAR WIDTH. Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

1. In alterations, a projection of 5/8 inch (16 mm) maximum into the required clear width shall be permitted for the latch side stop.

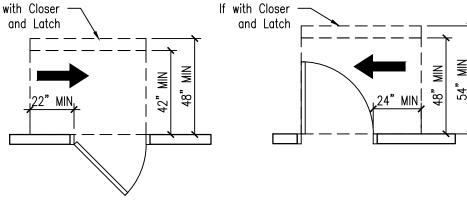
2. Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the

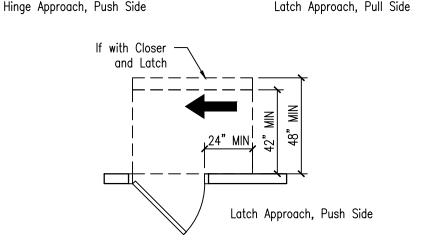
finish floor or ground. If with Closer and Latch Front Approach, Pull Side Front Approach

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Hinge Approach, Pull Side If with Closer and Latch __ __ _ _ _ _ _ _ _ _ - - - - - - - -





404.2.6 DOORS IN SERIES AND GATES IN SERIES. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

404.2.10 DOOR AND GATE SURFACES. Swinging door and gate surfaces within 10 inches (255 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

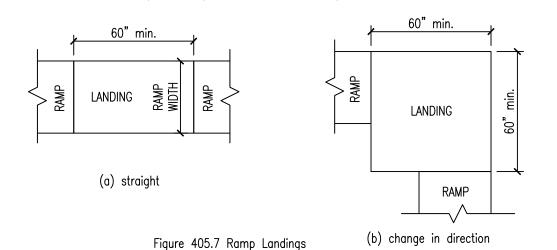
405 RAMPS

405.2 SLOPE. Ramp runs shall have a running slope not steeper than 1:12.

EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 complying with Table 405.2 where such slopes are necessary due to space limitations.

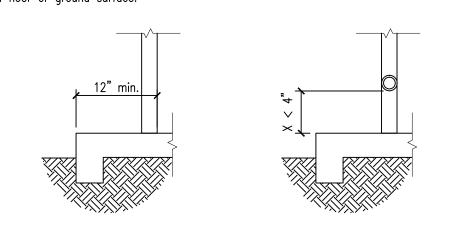
1:8 SLOPE = 3" Maximum Rise 1:10 SLOPE = 6" Maximum Rise

405.3 CROSS SLOPE. Cross slope of ramp runs shall not be steeper than 1:48.



405.9.1 Extended Floor or Ground Surface. The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) minimum beyond the inside face of a handrail complying with 505.

405.9.2 Curb or Barrier. A curb or barrier shall be provided that prevents the passage of a 4 inch (100 mm) diameter sphere, where any portion of the sphere is within 4 inches (100 mm) of the finish floor or ground surface.



406 CURB RAMPS

Figure 405.9.1 Extended Floor or

Ground Surface Edge Protection

406.1 GENERAL. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and 405.10.

Figure 405.9.2 Curb or

Barrier Edge Protection

406.2 COUNTER SLOPE. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.



Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps

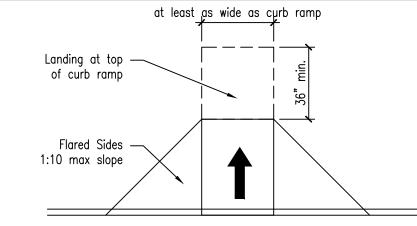
406.3 SIDES OF CURB RAMPS. Where provided, curb ramp flares shall not be steeper than 1:10.

406.4 LANDINGS. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.

shall be provided and shall not be steeper than 1:12. 406.5 LOCATION. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access gisles. Curb ramps at marked

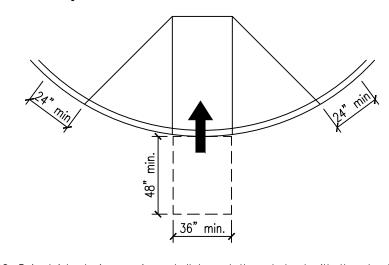
crossings shall be wholly contained within the markings, excluding any flared sides.

EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares

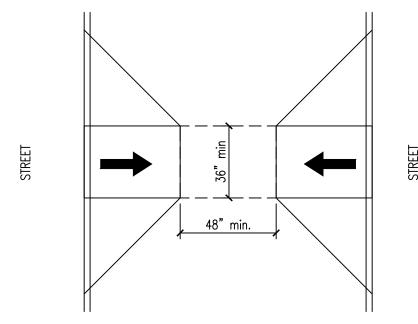


Curb Ramp Diagram

406.6 DIAGONAL CURB RAMPS. Diagonal or corner type curb ramps with returned curbs or other welldefined edges shall have the edges parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have a clear space 48 inches (1220 mm) minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) long minimum located on each side of the curb ramp and within the marked crossing.



406.7 ISLANDS. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. Each curb ramp shall have a level area 48 inches (1220 mm) long minimum by 36 inches (915 mm) wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum area shall be oriented so that the 48 inch (1220 mm) minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum areas and the accessible route shall be permitted to overlap.



502 PARKING SPACES

502.2 VEHICLE SPACES. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.

EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum

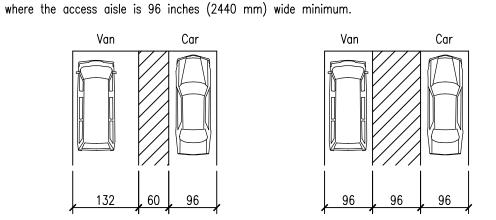


Figure 502.2 Vehicle Parking Spaces

Figure 502.2 Vehicle Parking Spaces (Exception) 502.3.4 LOCATION. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted

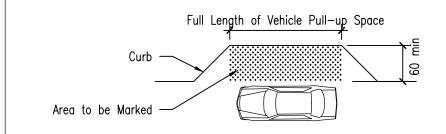
have access aisles located on the passenger side of the parking spaces. 502.5 VERTICAL CLEARANCE. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2490 mm) minimum.

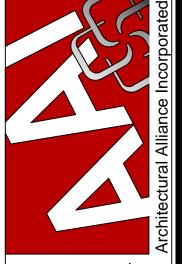
to be placed on either side of the parking space except for angled van parking spaces which shall

502.6 IDENTIFICATION. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.

503 PASSENGER LOADING ZONES

503.2 VEHICLE PULL-UP SPACE. Passenger loading zones shall provide a vehicular pull-up space 96 inches (2440 mm) wide minimum and 20 feet (6100 mm) long minimum.







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ISSUED FOR SCHEMATIC DESIGN DATE: 1/26/2021 DESIGN DEVELOPMENT F--

DATE:_---BIDS & CONSTRUCTION X DATE: 4/18/2022

REVISION: DATE: REVISION: DATE:__ REVISION:

DATE:__

DRAWINGS SHEET TITLE TEXAS **ACCESSIBILITY** STANDARDS

SHEET NUMBER

SUMMARY

504.3 OPEN RISERS. Open risers are not permitted.

504.4 TREAD SURFACE. Stair treads shall comply with 302. Changes in level are not permitted.

EXCEPTION: Treads shall be permitted to have a slope not steeper than 1:48.

504.5 NOSINGS. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosinas that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches (38 mm) maximum over the tread below.

505 HANDRAILS

505.2 WHERE REQUIRED. Handrails shall be provided on both sides of stairs and ramps.

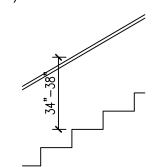
EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.

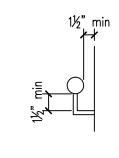
505.3 CONTINUITY. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs.

EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.

505.4 HEIGHT. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

505.5 CLEARANCE. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches (38 mm) minimum.





Handrail Clearances

Figure 505.4 Handrail Height

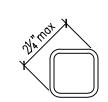
505.6 GRIPPING SURFACE. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1 1/2 inches (38 mm) minimum below the bottom of the handrail gripping

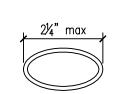
1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.

2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8 inch (3.2 mm) for each 1/2 inch (13)mm) of additional handrail perimeter dimension that exceeds 4 inches (100 mm).

505.7.1 CIRCULAR CROSS SECTION. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 NON-CIRCULAR CROSS SECTIONS. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.





 $4 - 6\frac{1}{4}$ " perimeter on both

505.10.1 TOP AND BOTTOM EXTENSION AT RAMPS. Ramp handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent

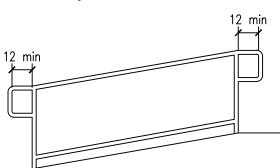
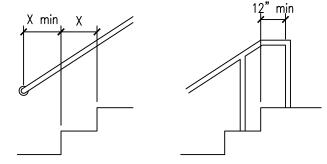


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 TOP EXTENSION AT STAIRS. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

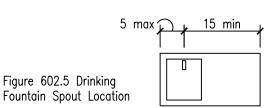
505.10.3 BOTTOM EXTENSION AT STAIRS. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.



Top and Bottom Handrail Extension at Stairs

602 DRINKING FOUNTAINS

602.2 CLEAR FLOOR SPACE. Units shall have a clear floor or ground space complying with 305 positioned for a forward approach and centered on the unit. Knee and toe clearance complying with 306 shall be provided.



602.6 WATER FLOW. The spout shall provide a flow of water 4 inches (100 mm) high minimum and shall be located 5 inches (125 mm) maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) maximum from the front of the unit, the angle of the water stream shall be 15 dearees maximum.

602.7 DRINKING FOUNTAINS FOR STANDING PERSONS. Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the finish floor or ground.

603 TOILET AND BATHING ROOMS

603.2.2 OVERLAP. Required clear floor spaces, clearance at fixtures, and turning space shall be permitted to overlap.

603.2.3 DOOR SWING. Doors shall not swing into the clear floor space or clearance required for any fixture. Doors shall be permitted to swing into the required turning space.

permitted to swing into the clear floor space or clearance required for any fixture.

1. Doors to a toilet room or bathing room for a single occupant accessed only through a private office and not for common use or public use shall be permitted to swing into the

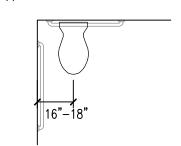
clear floor space or clearance provided the swing of the door can be reversed to comply with 603.2.3. 2. Where the toilet room or bathing room is for individual use and a clear floor space complying with 305.3 is provided within the room beyond the arc of the door swing, doors shall be

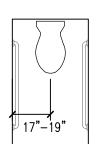
603.3 MIRRORS. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the finish floor or ground.

603.4 COAT HOOKS AND SHELVES. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604 WATER CLOSETS AND TOILET COMPARTMENTS

604.2 LOCATION. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left-hand or right-hand approach.



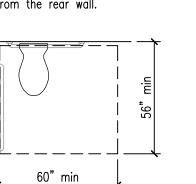


Ambulatory Accessible

Water Closet

Wheelchair Accessible Water Closet

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.



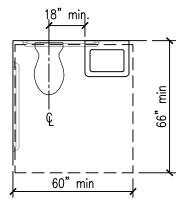
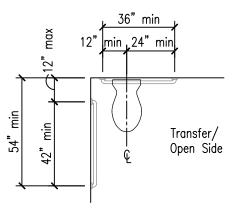
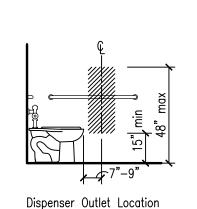


Figure 604.3.1 Size of Clearance at Water Closets

Figure 604.3.2 (Exception) Overlap of Water Closet Clearance in Residential Dwelling Units



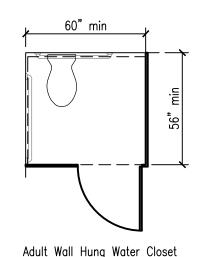


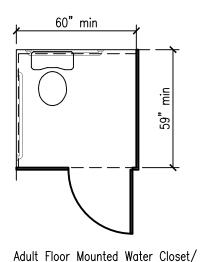
Grab Bars at Water Closets

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the water closet, where wall space does not permit a length of 36 inches (915 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

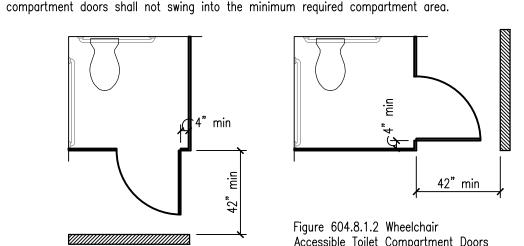
604.7 DISPENSERS. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.





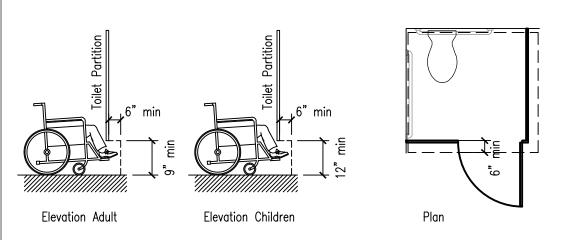
Children Water Closet

604.8.1.2 DOORS. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet



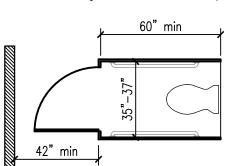
604.8.1.4 TOE CLEARANCE. The front partition and at least one side partition shall provide a toe clearance of 9 inches (230 mm) minimum above the finish floor and 6 inches (150 mm) deep minimum beyond the compartment-side face of the partition, exclusive of partition support members. Compartments for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the finish floor.

EXCEPTION: Toe clearance at the front partition is not required in a compartment greater than 62 inches (1575 mm) deep with a wall-hung water closet or 65 inches (1650 mm) deep with a floormounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches (1675 mm) wide. Toe clearance at the front partition is not required in a compartment for children's use that is greater than 65 inches (1650 mm) deep.



604.8.2.1 SIZE. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm)

604.8.2.2 DOORS. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.



Ambulatory Compartment

605.2 HEIGHT AND DEPTH. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Uringls shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

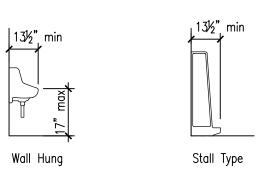


Figure 605.2 Height and Depth of Urinals

606 LAVATORIES AND SINKS

complying with 306.

606.2 CLEAR FLOOR SPACE. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.

1. A parallel approach complying with 305 shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided and to wet bars.

2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance

3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen

sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and

(c) the walls behind and surrounding the cabinetry are finished.

faucets shall remain open for 10 seconds minimum.

4. A knee clearance of 24 inches (610 mm) minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31 inches (785 mm) maximum above the finish floor or ground.

5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger.

6. The dip of the overflow shall not be considered in determining knee and toe clearances.

7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance complying with 306.

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606.3 HEIGHT. Layatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground. 606.4 FAUCETS. Controls for faucets shall comply with 309. Hand-operated metering

607 RATHTURS

shall be provided in accordance with 607.4.1.

607.2 CLEARANCE. Clearance in front of bathtubs shall extend the length of the bathtub and shall be 30 inches (760 mm) wide minimum. A lavatory complying with 606 shall be permitted at the control end of the clearance. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub.

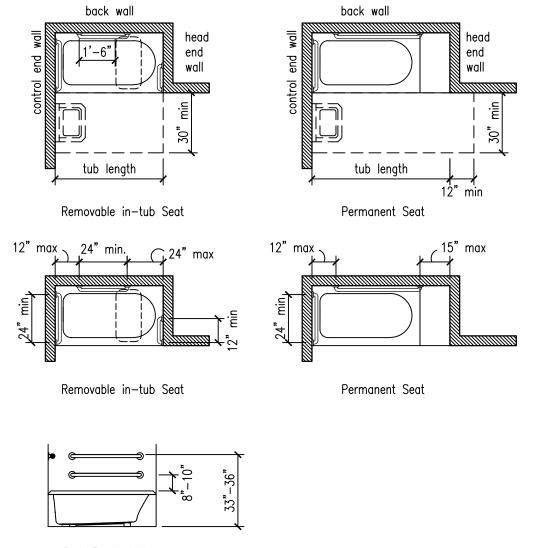
607.3 SEAT. A permanent seat at the head end of the bathtub or a removable in—tub seat shall be provided. Seats shall comply with 610.

607.4 GRAB BARS. Grab bars for bathtubs shall comply with 609 and shall be provided in accordance with 607.4.1 or 607.4.2.

607.4.1 BATHTUBS WITH PERMANENT SEATS. For bathtubs with permanent seats, grab bars

607.4.1.1 BACK WALL. Two grab bars shall be installed on the back wall, one located in accordance with 609.4 and the other located 8 inches (205 mm) minimum and 10 inches (255 mm) maximum above the rim of the bathtub. Each grab bar shall be installed 15 inches (380 mm) maximum from the head end wall and 12 inches (305 mm) maximum from the control end wall.

607.4.1.2 CONTROL END WALL. A grab bar 24 inches (610 mm) long minimum shall be installed on the control end wall at the front edge of the bathtub.



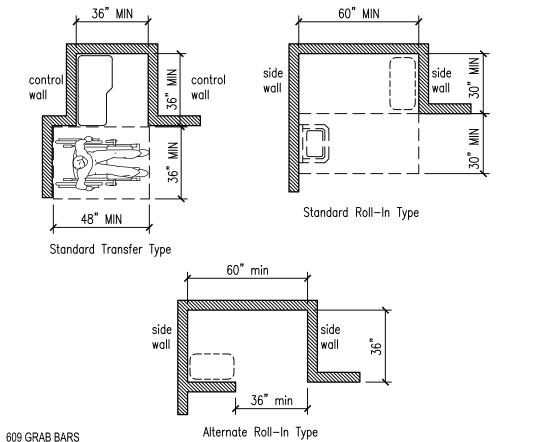
Grab Bar Heights

607.5 CONTROLS. Controls, other than drain stoppers, shall be located on an end wall. Controls shall be between the bathtub rim and grab bar, and between the open side of the bathtub and the centerline of the width of the bathtub. Controls shall comply with 309.4.

607.6 SHOWER SPRAY UNIT AND WATER. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed-position shower head and as a hand-held shower shall be provided. The shower spray unit shall have an on/off control with a non-positive shut-off. If an adjustable-height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. Bathtub shower spray units shall deliver water that is 120°F (49°C) maximum.

608 SHOWER COMPARTMENTS

608.2.1 TRANSFER TYPE SHOWER COMPARTMENTS. Transfer type shower compartments shall be 36 inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm) wide minimum by 48 inches (1220 mm) long minimum measured from the control wall shall be provided.



609.2.1 CIRCULAR CROSS SECTION. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 NON-CIRCULAR CROSS SECTION. Grab bars with non-circular cross sections shall have a cross-section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (100 mm) minimum and 4.8 inches (120 mm) maximum.

609.3 SPACING. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The

space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum. 609.4 POSITION OF GRAB BARS. Grab bars shall be installed in a horizontal position, 33 inches

(840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

609.5 SURFACE HAZARDS. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges.

609.6 FITTINGS. Grab bars shall not rotate within their fittings.

609.7 INSTALLATION. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space.

609.8 STRUCTURAL STRENGTH. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.

610 SEATS

610.2 BATHTUB SEATS. The top of bathtub seats shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. The depth of a removable in-tub seat shall be 15 inches (380 mm) minimum and 16 inches (405 mm) maximum. The seat shall be capable of secure placement. Permanent seats at the head end of the bathtub shall be 15 inches (380 mm) deep minimum and shall extend from the back wall to or beyond the outer edge of the bathtub.

610.3 SHOWER COMPARTMENT SEATS. Where a seat is provided in a standard roll—in shower compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls. and shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. Where a seat is provided in an alternate roll—in type shower compartment, it shall be a folding type. shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches (75 mm) of the compartment entry. In transfer-type showers, the seat shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. The top of the seat shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. Seats shall comply with 610.3.1 or 610.3.2.

610.3.1 RECTANGULAR SEATS. The rear edge of a rectangular seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The side edge of the seat shall be 1 1/2 inches (38 mm) maximum from the adjacent

610.3.2 L-SHAPED SEATS. The rear edge of an L-shaped seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1 1/2 inches (38 mm) maximum from the wall and the front edge shall be 14 inches (355 mm) minimum and 15 inches (380 mm) maximum from the wall. The end of the "L" shall be 22 inches (560 mm) minimum and 23 inches maximum (585 mm) from the main seat wall.

702 FIRE ALARM SYSTEMS

702.1 GENERAL. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in quest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA

EXCEPTION: Fire alarm systems in medical care facilities shall be permitted to be provided in accordance with industry practice.

703.1 GENERAL. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 RAISED CHARACTERS. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with

703.2.1 DEPTH. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background. 703.2.2 CASE. Characters shall be uppercase.

703.2.3 STYLE. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 CHARACTER PROPORTIONS. Characters shall be selected from fonts where the width of the uppercase letter "0" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "l".

703.2.5 CHARACTER HEIGHT. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".

703.2.6 STROKE THICKNESS. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character. 703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 LINE SPACING. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 BRAILLE. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 DIMENSIONS AND CAPITALIZATION. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and

705 DETECTABLE WARNINGS

705.1.1 DOME SIZE. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inch (23 mm) minimum and 1.4 inches (36 mm) maximum, a top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and a height of 0.2 inch (5.1

705.1.2 DOME SPACING. Truncated domes in a detectable warning surface shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base—to—base spacing of 0.65 inch (17 mm) minimum, measured between the most adjacent domes on a square grid.

705.1.3 CONTRAST. Detectable warning surfaces shall contrast visually with adjacent walking surfaces either light-on-dark, or dark-on-light.

708 TWO-WAY COMMUNICATION SYSTEMS

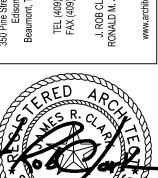
residential dwelling unit interface.

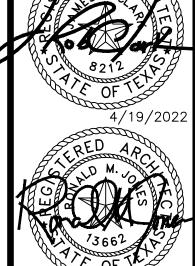
708.3 HANDSETS. Handset cords, if provided, shall be 29 inches (735 mm) long minimum.

a residential dwelling unit and a site, building, or floor entrance shall comply with 708.4. 708.4.1 COMMON USE OR PUBLIC USE SYSTEM INTERFACE. The common use or public use system interface shall include the capability of supporting voice and TTY communication with the

708.4 RESIDENTIAL DWELLING UNIT COMMUNICATION SYSTEMS. Communications systems between

708.4.2 RESIDENTIAL DWELLING UNIT INTERFACE. The residential dwelling unit system interface shall include a telephone jack capable of supporting voice and TTY communication with the common use or public use system interface.





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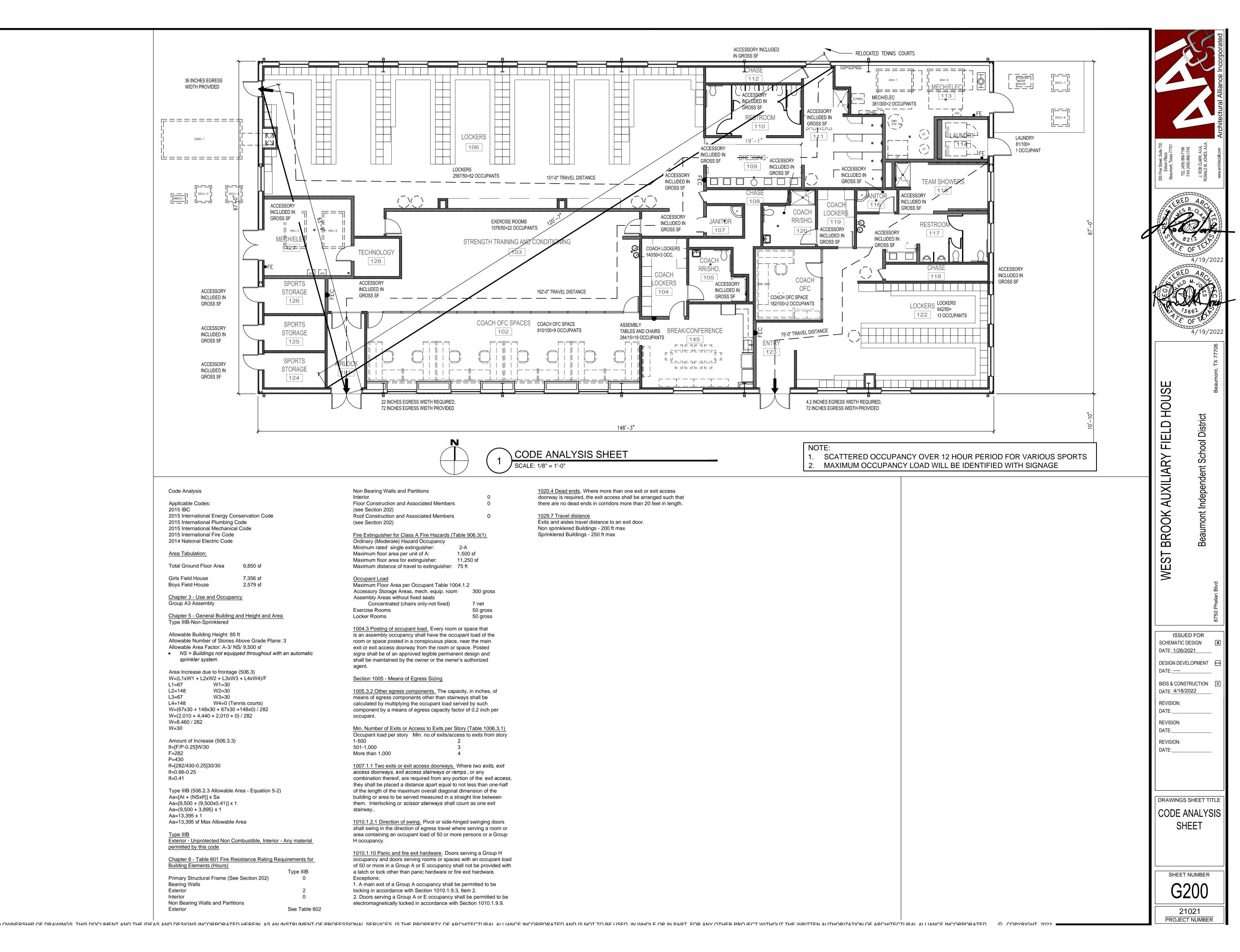
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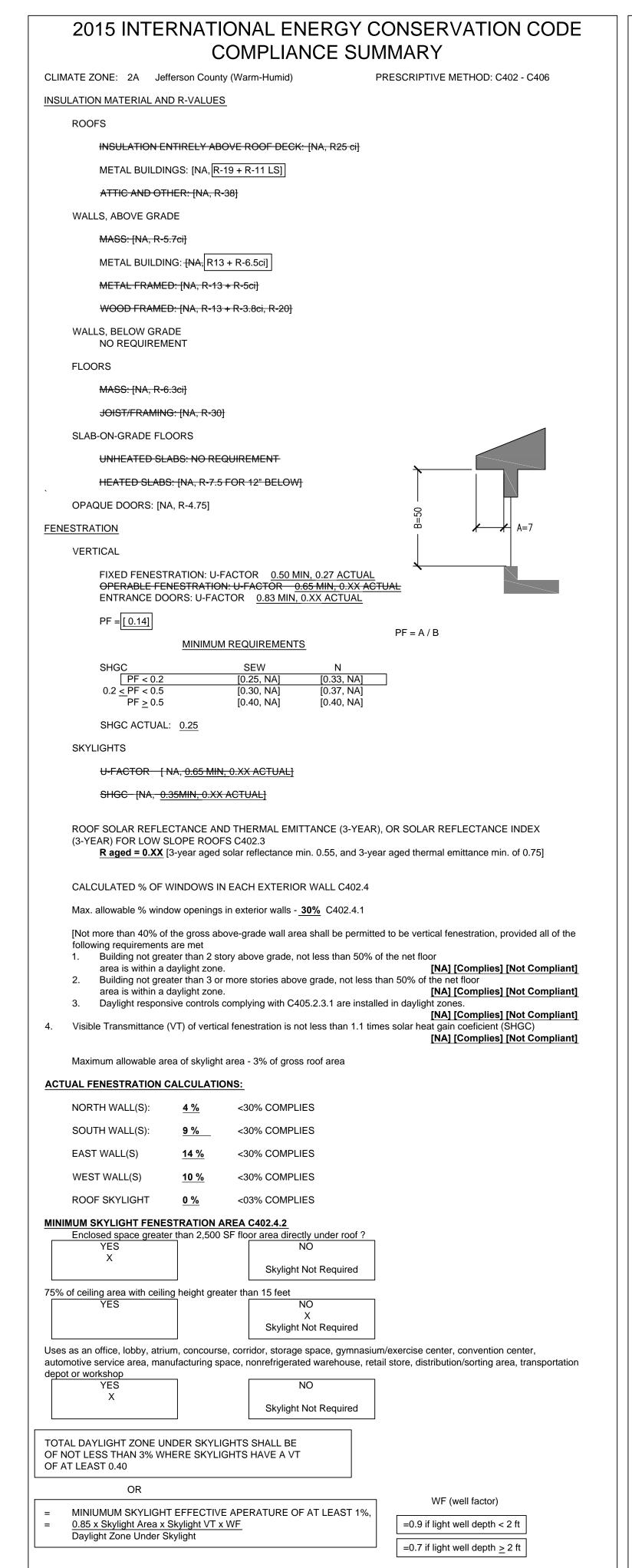
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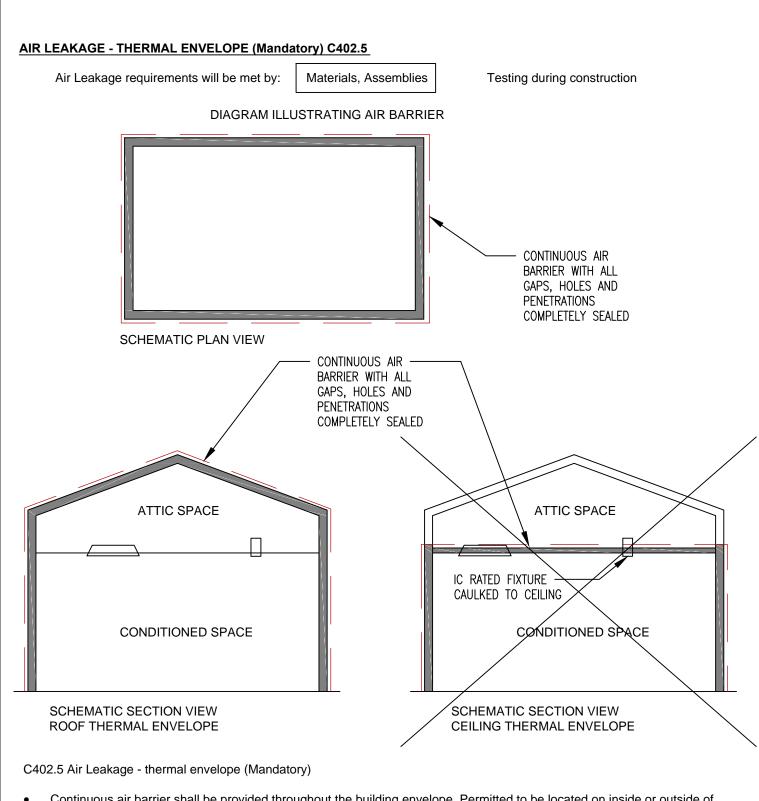
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SUMMARY



PLOT: MICHAEL MAGTAAN PLOT DATE: 4/19/2022 9:22 AM SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)





- Continuous air barrier shall be provided throughout the building envelope. Permitted to be located on inside or outside of building envelope, located within the assemblies composing the envelope, or combination thereof.
- Air Barrier Construction shall comply with following:
- Continuous for entire thermal envelope and across joints
- Seams shall be sealed Penetrations shall be caulked or gasketed
- •• Recessed lighting shall be
- Labeled having air leakage rate of less than 2.0 cfm
- Sealed with gasket or caulk between housing and interior wall or ceiling covering.

Acceptable Air Barriers Materials (with joints sealed)

- Min ³/₈" thick plywood
- Min ³/₈" oriented stranded board (OSB) Min ½ extruded polystyrene insulation board
- Min ½" foil-back polyisocyanurate insulation board
- Min 1 ½" closed-cell spray foam min density 1.5 pcf
- Min 4 $\frac{1}{2}$ " open-cell spray foam density between 0.4 and 4.5 pcf Min ½" interior or exterior gypsum board
- Min ½" cement board
- Built-up roofing membrane
- Modified bituminous roof membrane Fully adhered single-ply roof membrane
- Min ⁵/₈" portland cement / sand parge or gypsum plaster
- Cast-in-place precast concrete Fully grouted concrete block masonry
- Sheet steel or aluminum
- Solid or hollow masonry constructed of clay or shale masonry units
- Acceptable Air Barriers Assemblies Concrete masonry walls coated with
- 1 application block filler, or
- 2 applications of a paint or sealer coating Masonry walls constructed of clay or shale masonry, min 4 inches width
- Portland cement stucco or plaster min ½" thick

FENESTRATION ASSEMBLY	MAXIMUM RATE	TEST PROCEDURE
	(CFM / FT2)	
Windows	0.20	
Sliding Doors	0.20	AAMA/WDMA/CSA101/
Swinging Doors	0.20	I.S.2/A440
Skylights - with condensation		or
weepage openings	0.30	NFRC 400
Skylights - All others	0.20	
Curtain Walls	0.06	
Storefront Glazing	0.06	NFRC 400
Commercial glazed swinging	1.00	or
entrance doors		ASTM E 283 at 1.57 psf
Revolving Doors	1.00	(75 Pa)
Garage Doors	0.40	ANSI/DASMA 105,
Rolling Doors	1.00	NFRC 400, or
High-speed doors	1.30	ASTM E283 at 1.57 psf
		(75 Pa)

C402.5.7 VESTIBULES Exception 1. Not required in climate zones 1 & 2. C403 MECHANICAL SYSTEMS

C404 SERVICE WATER HEATING (MANDATORY)

C404 ELECTRICAL POWER AND LIGHTING SYSTEMS

HOUSE

FIELD

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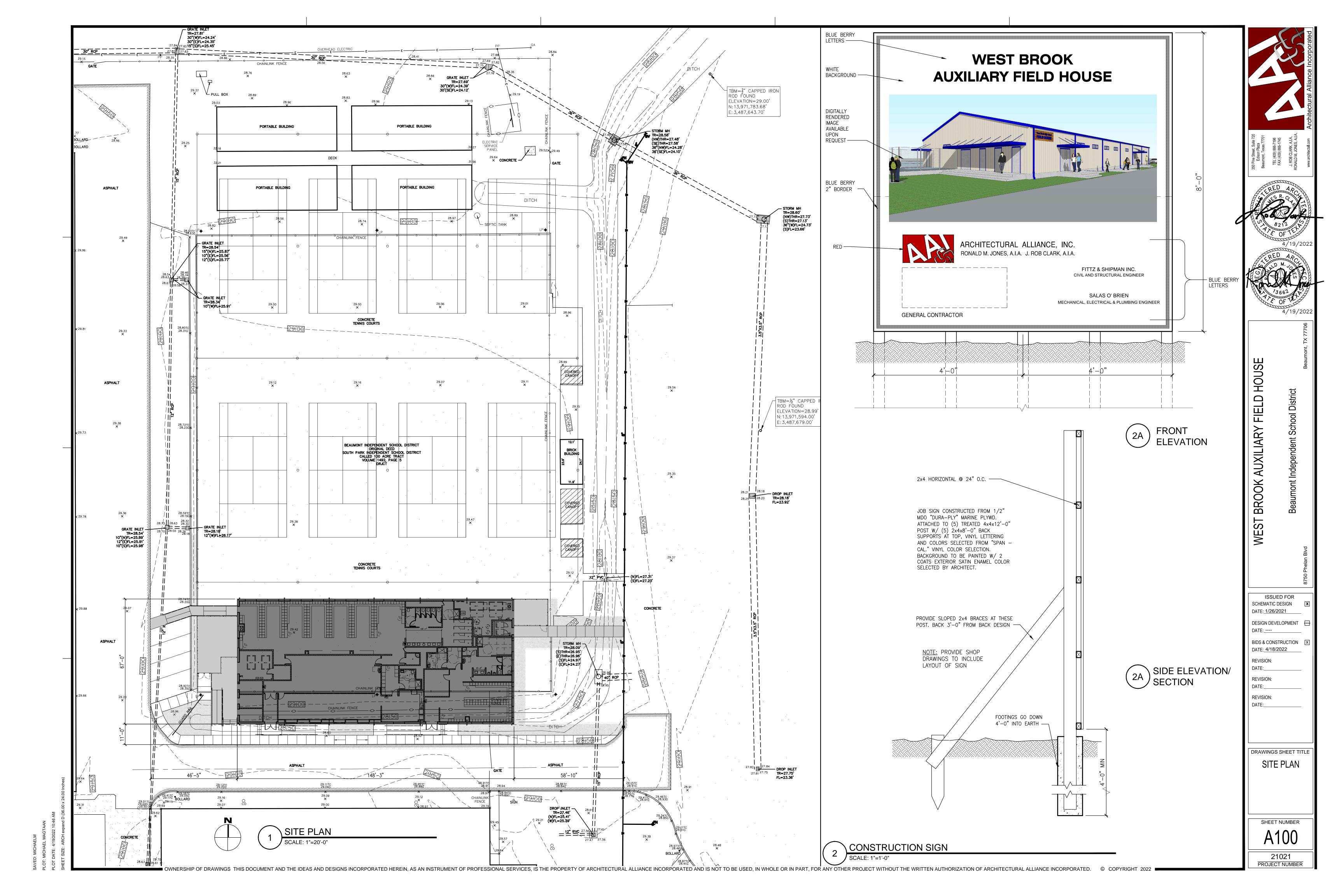
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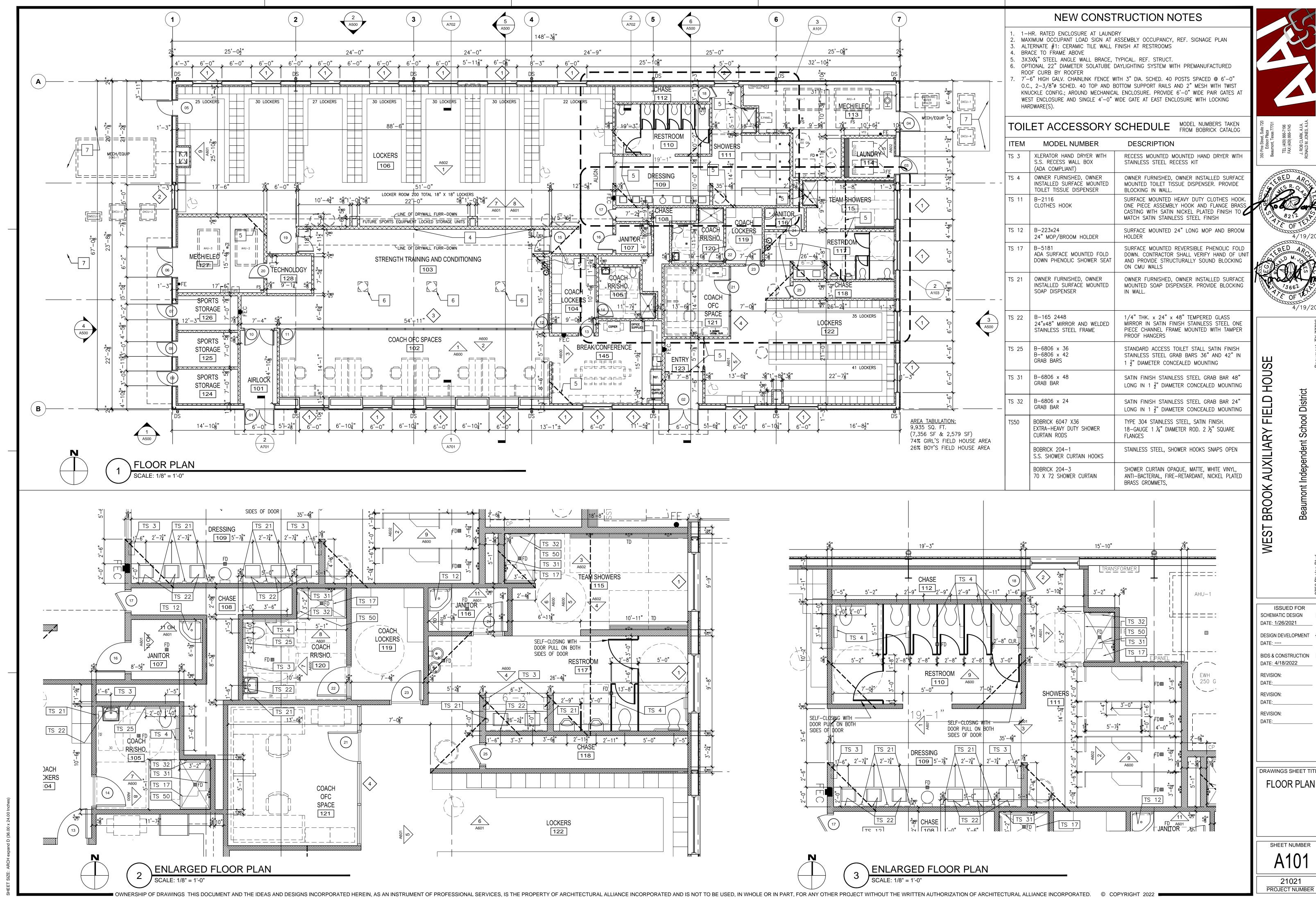
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ENERGY CODE COMPLIANCE

SHEET NUMBER

EC100 21021 PROJECT NUMBER





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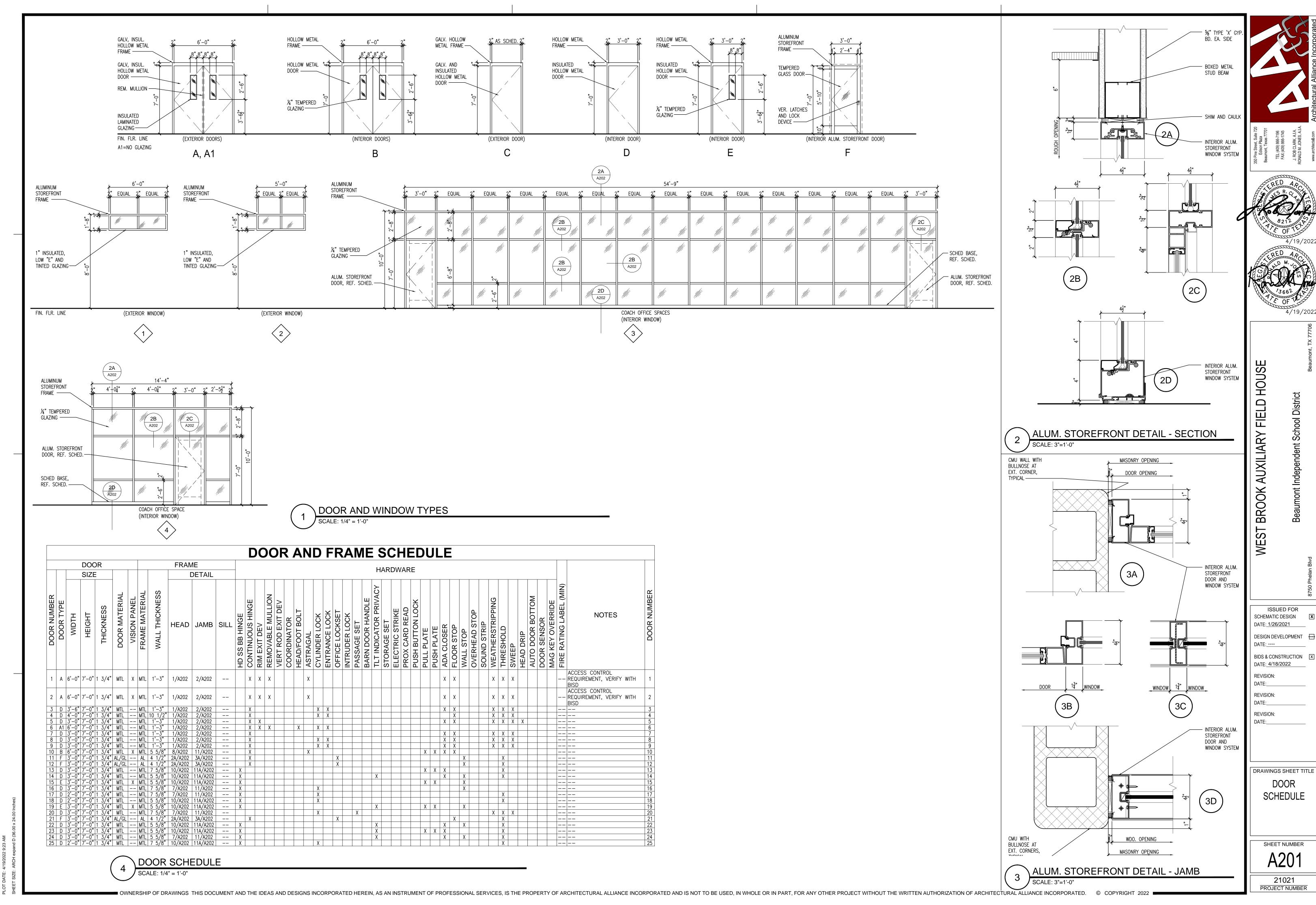
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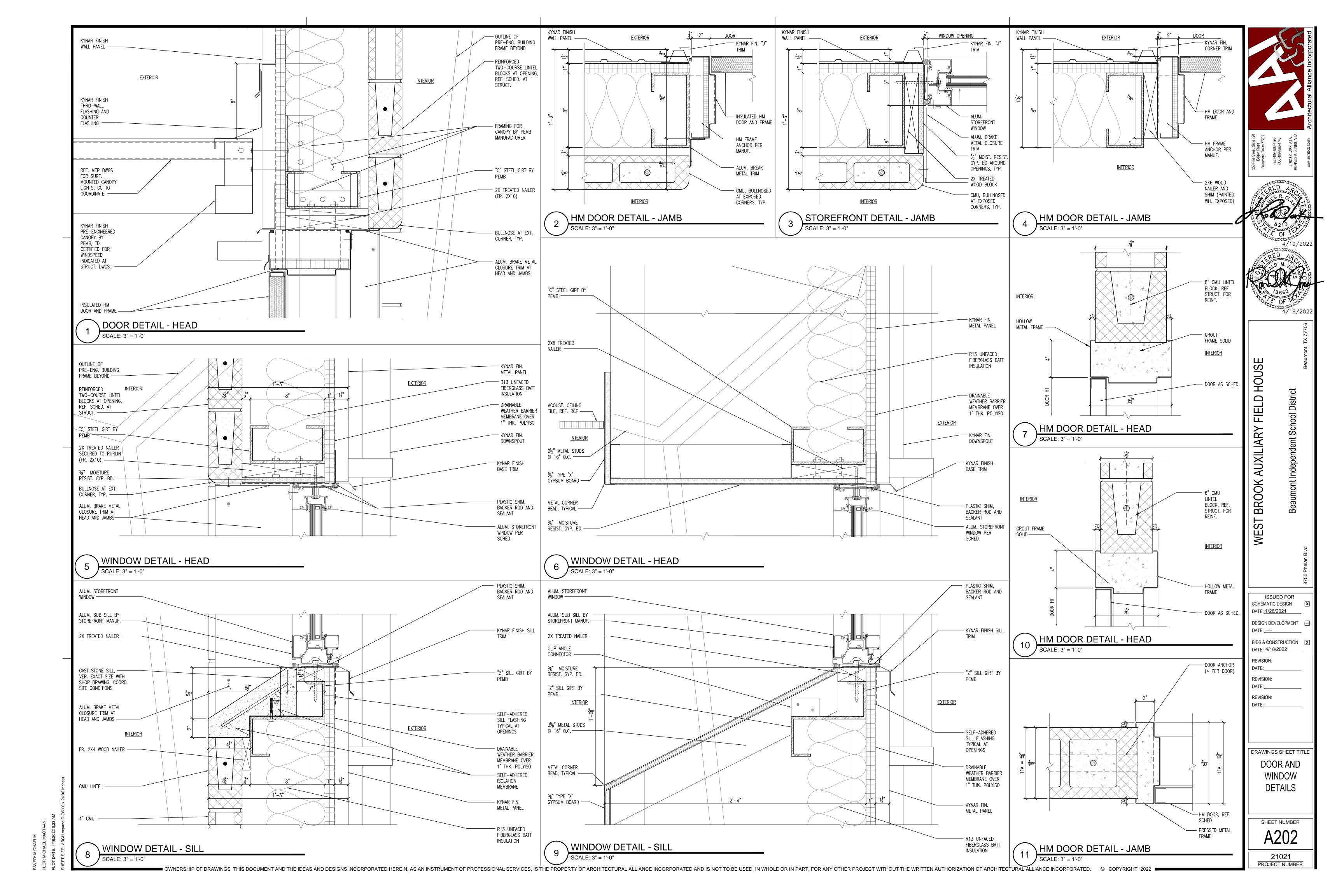
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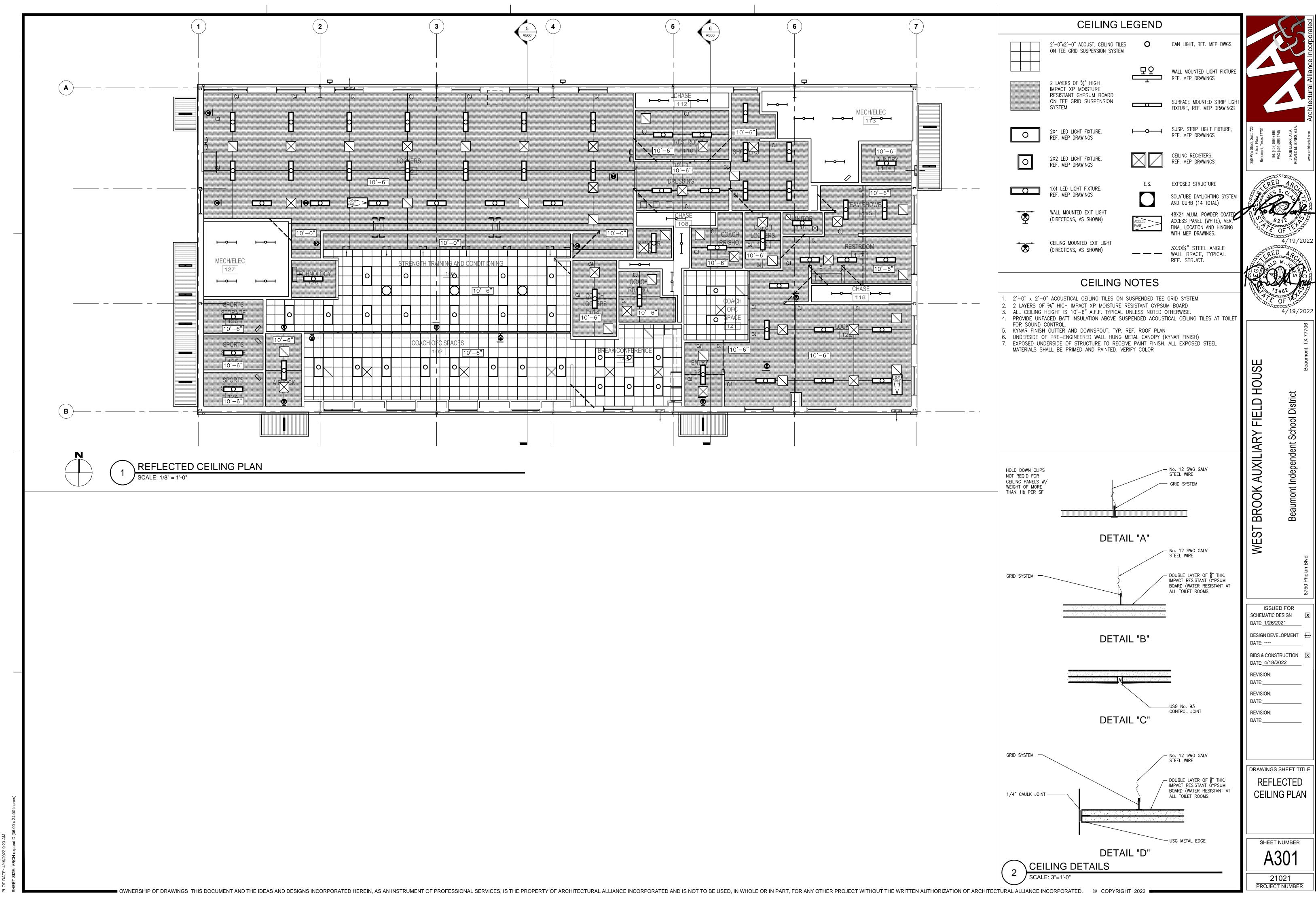
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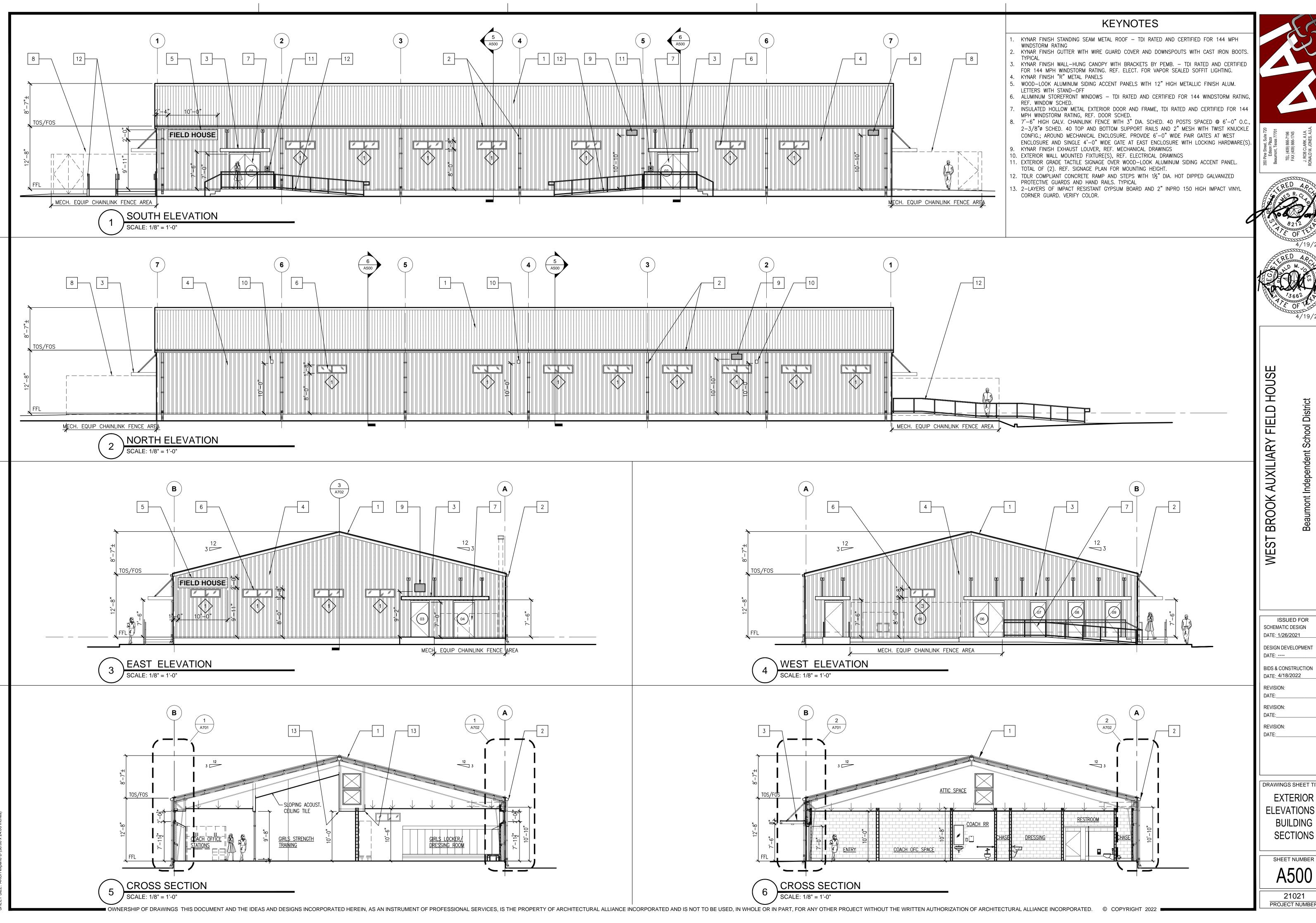
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PLOT: MICHAEL MAGTAAN
PLOT DATE: 4/19/2022 9:23 AM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)







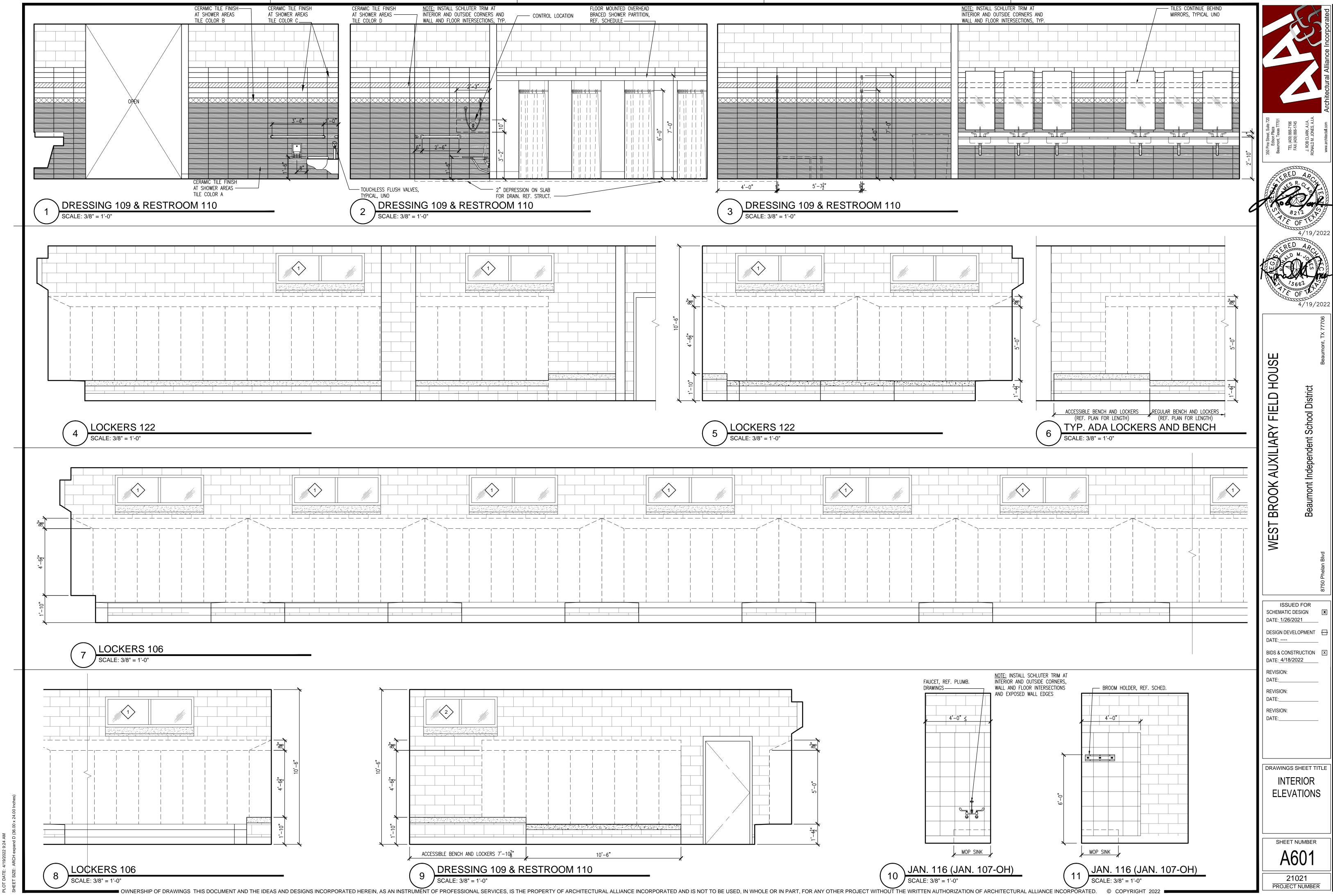
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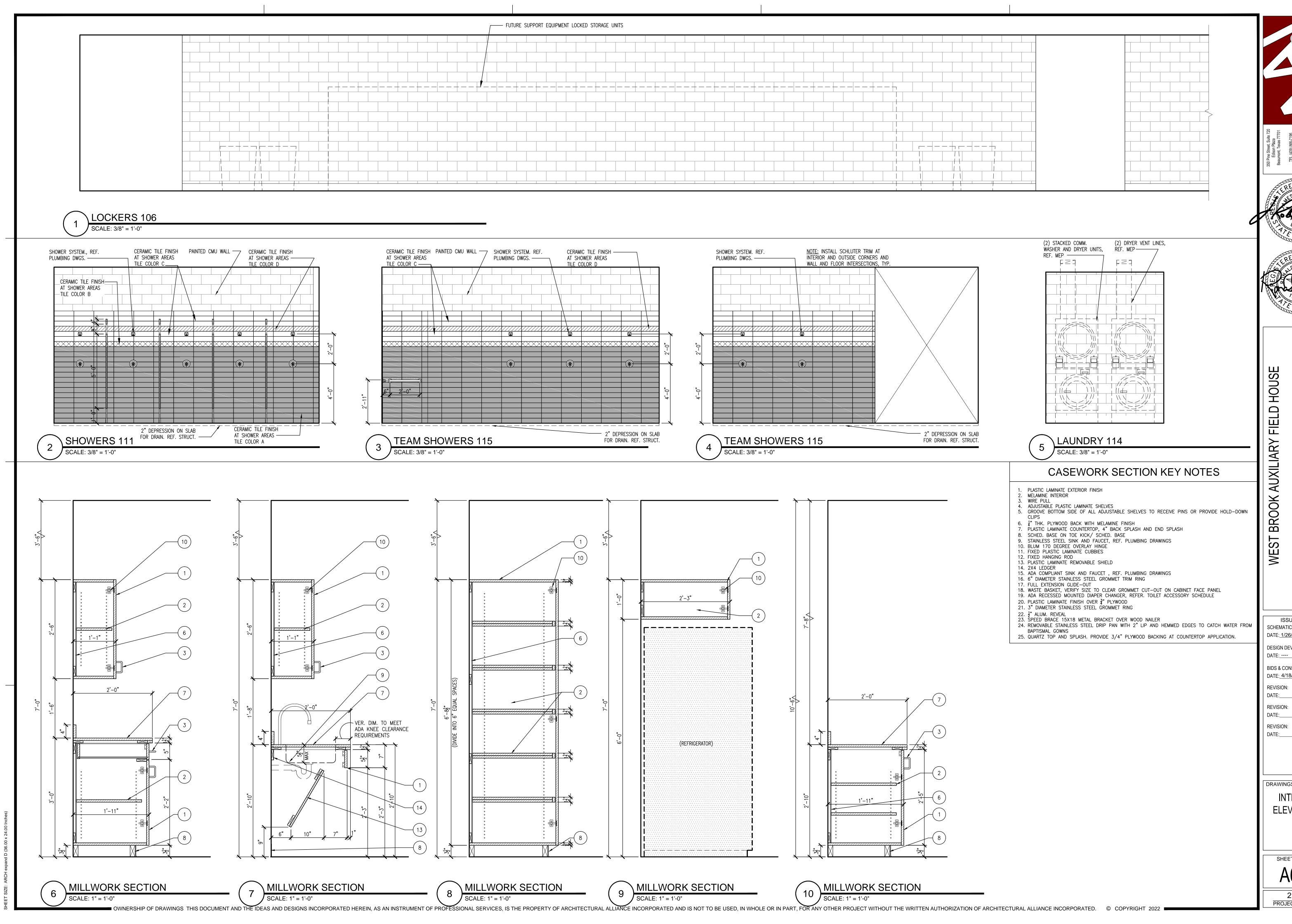
DRAWINGS SHEET TITLE **EXTERIOR ELEVATIONS &**

> SECTIONS SHEET NUMBER





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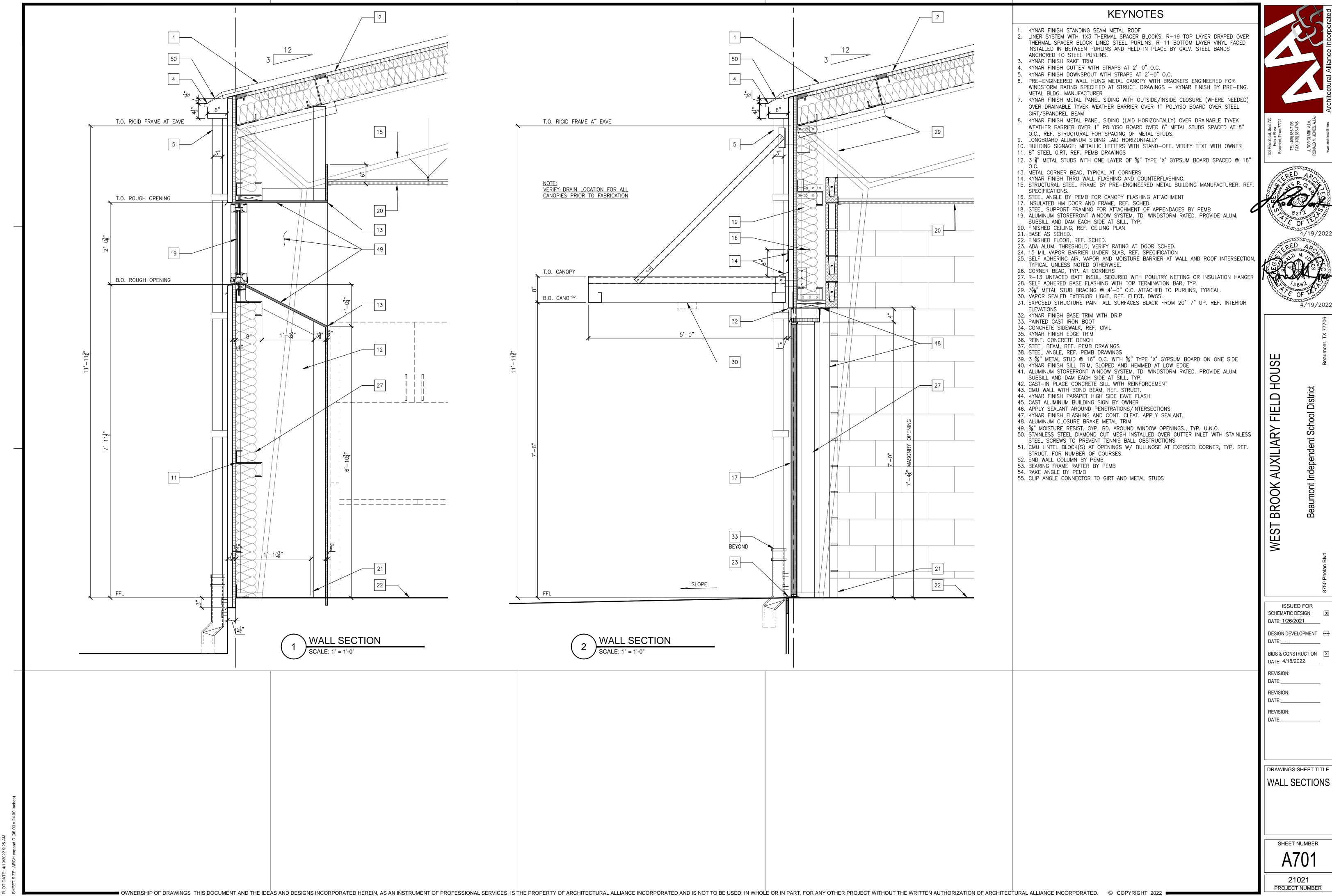
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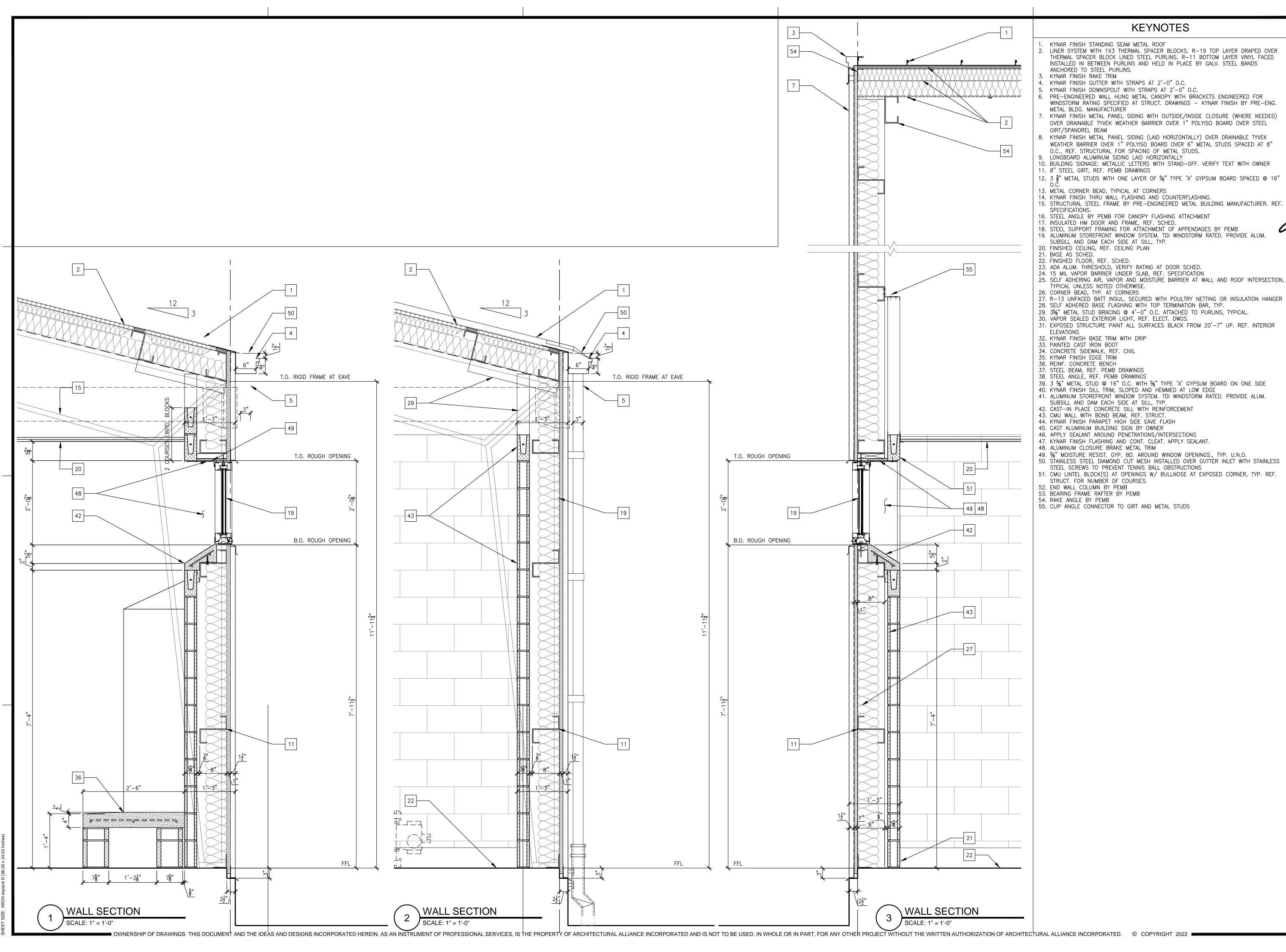
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BIDS & CONSTRUCTION X DATE: 4/18/2022

DRAWINGS SHEET TITLE INTERIOR **ELEVATIONS**

SHEET NUMBER





Architectural Alliance Incorporated

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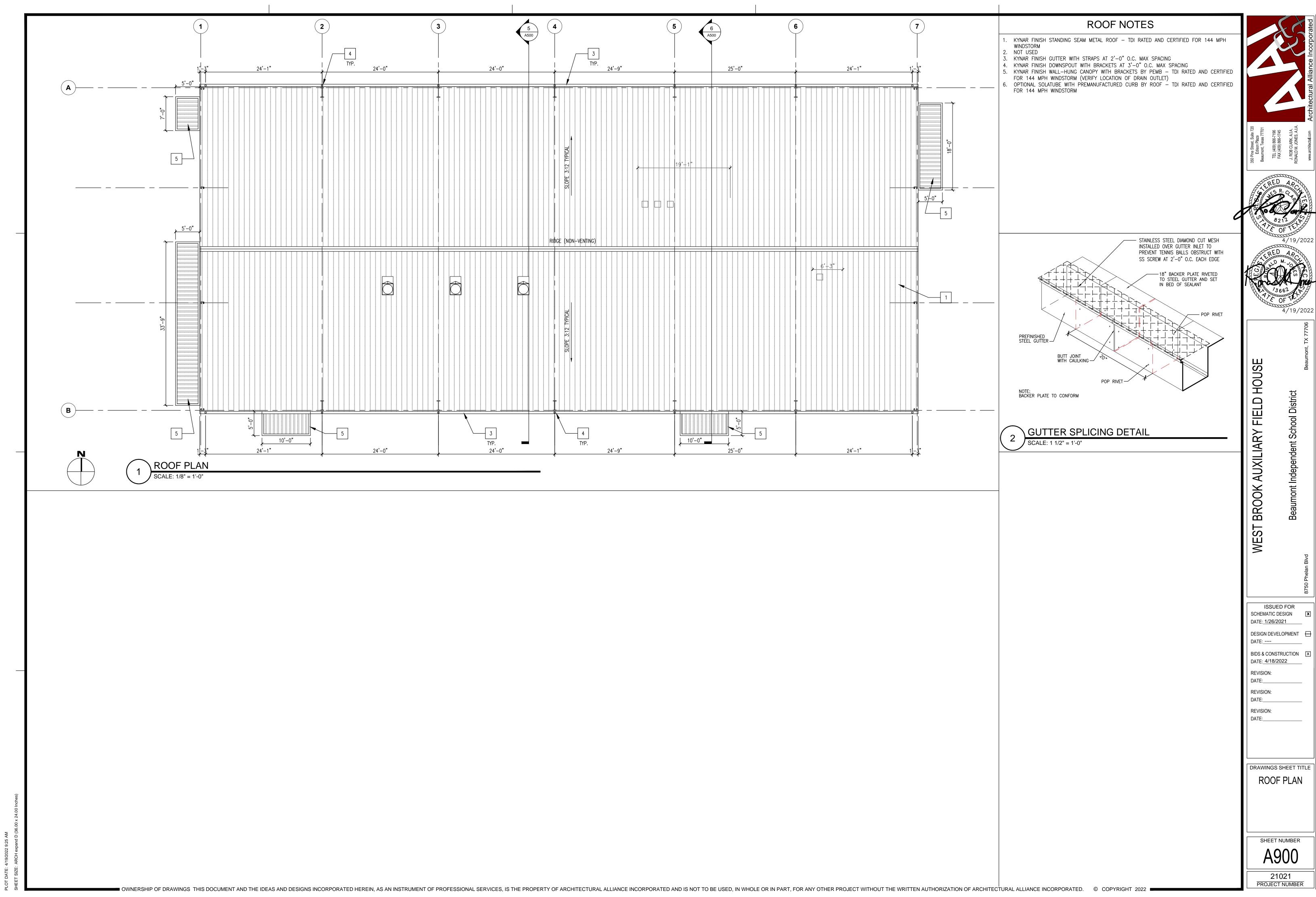
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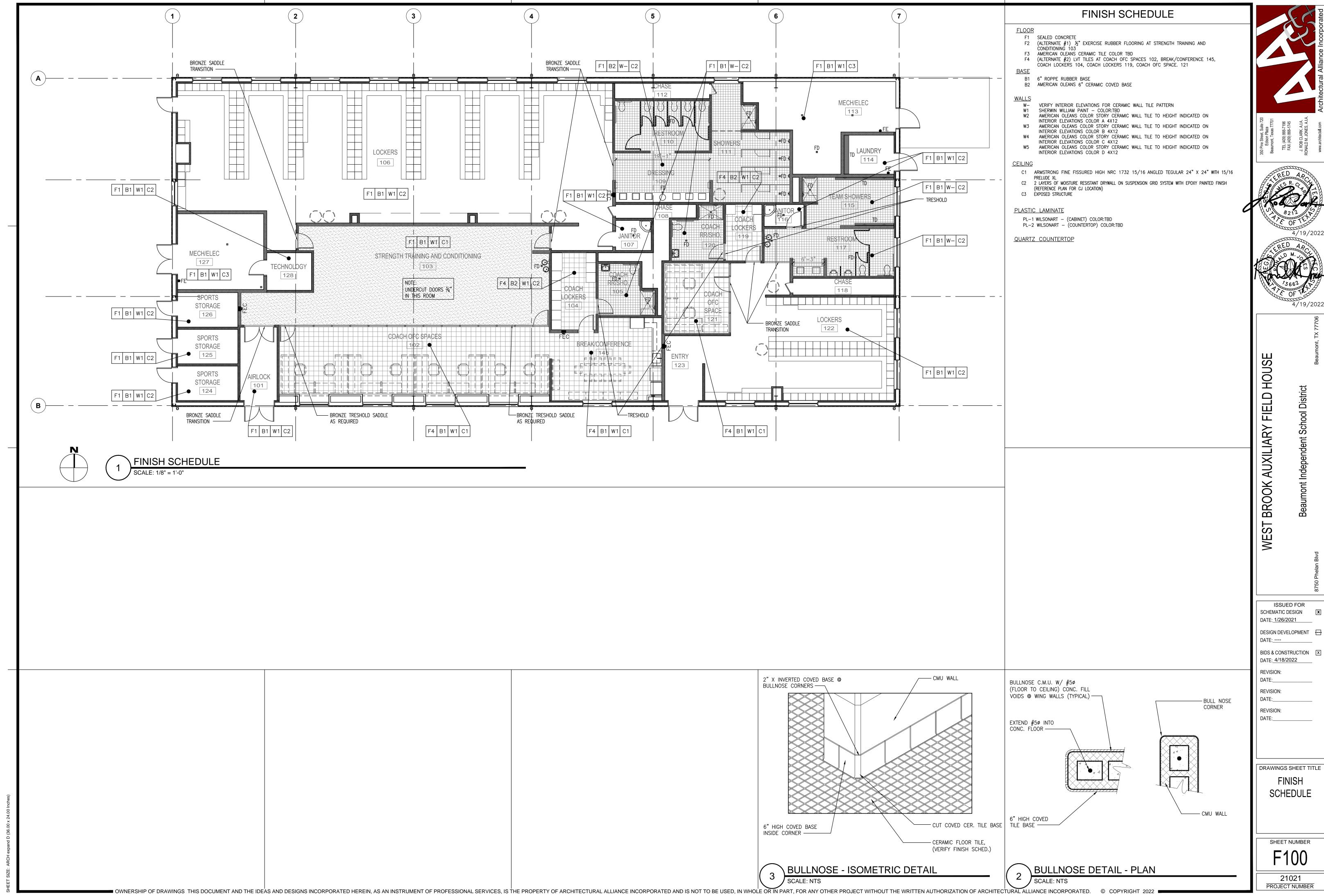
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WALL SECTIONS

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