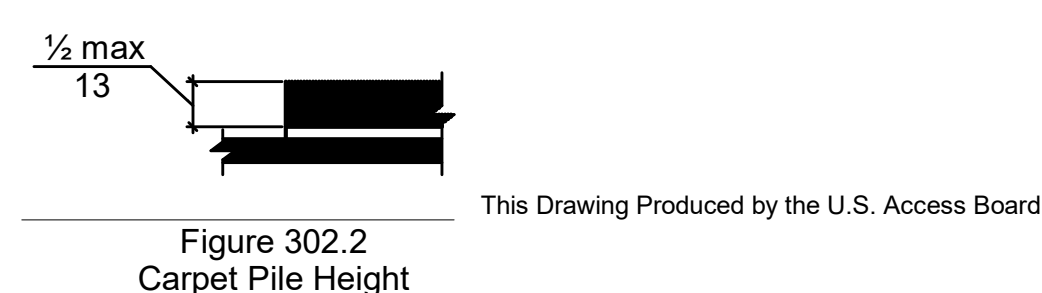


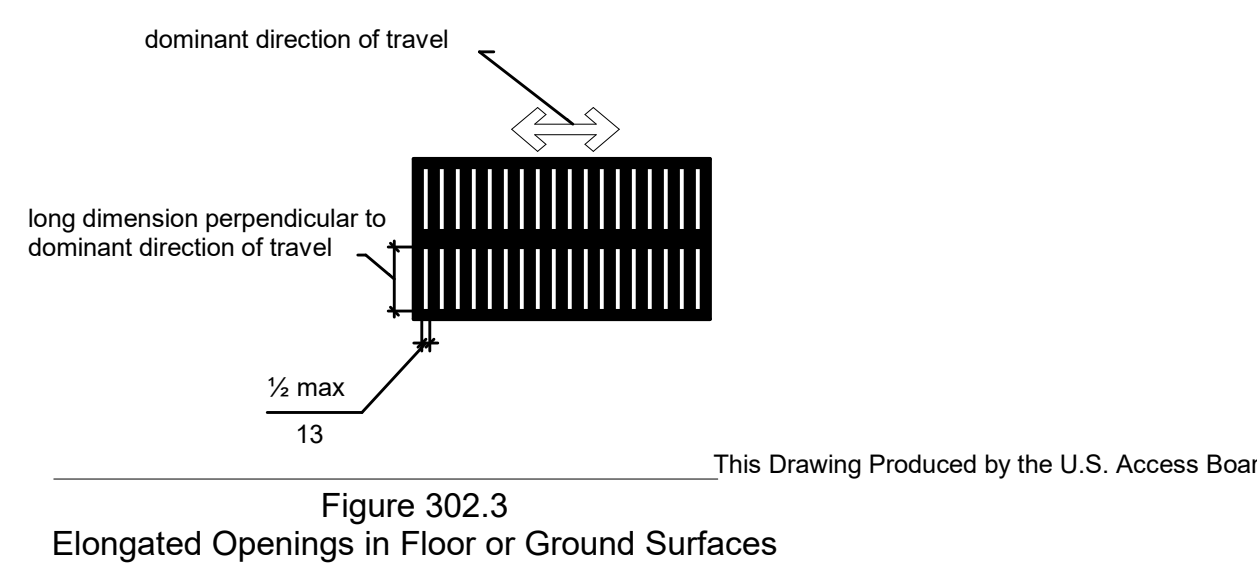
CHAPTER 3: BUILDING BLOCKS

302 Floor or Ground Surfaces

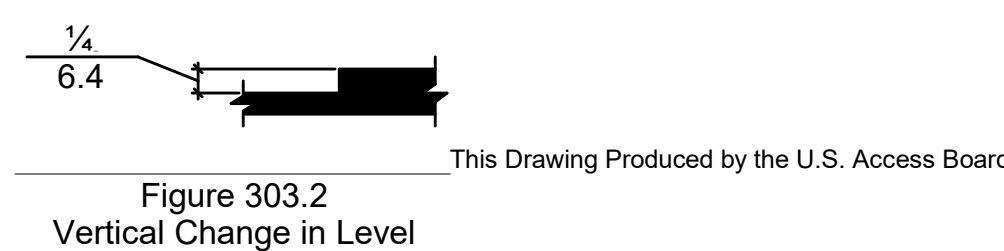
302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges 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.



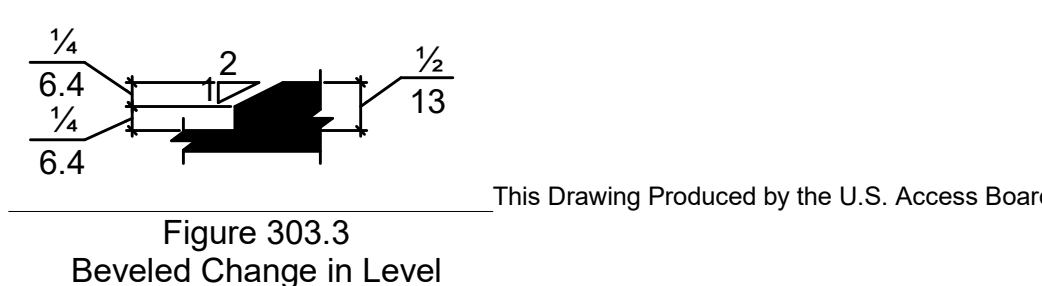
302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1 1/2 inch (38 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 610.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.



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

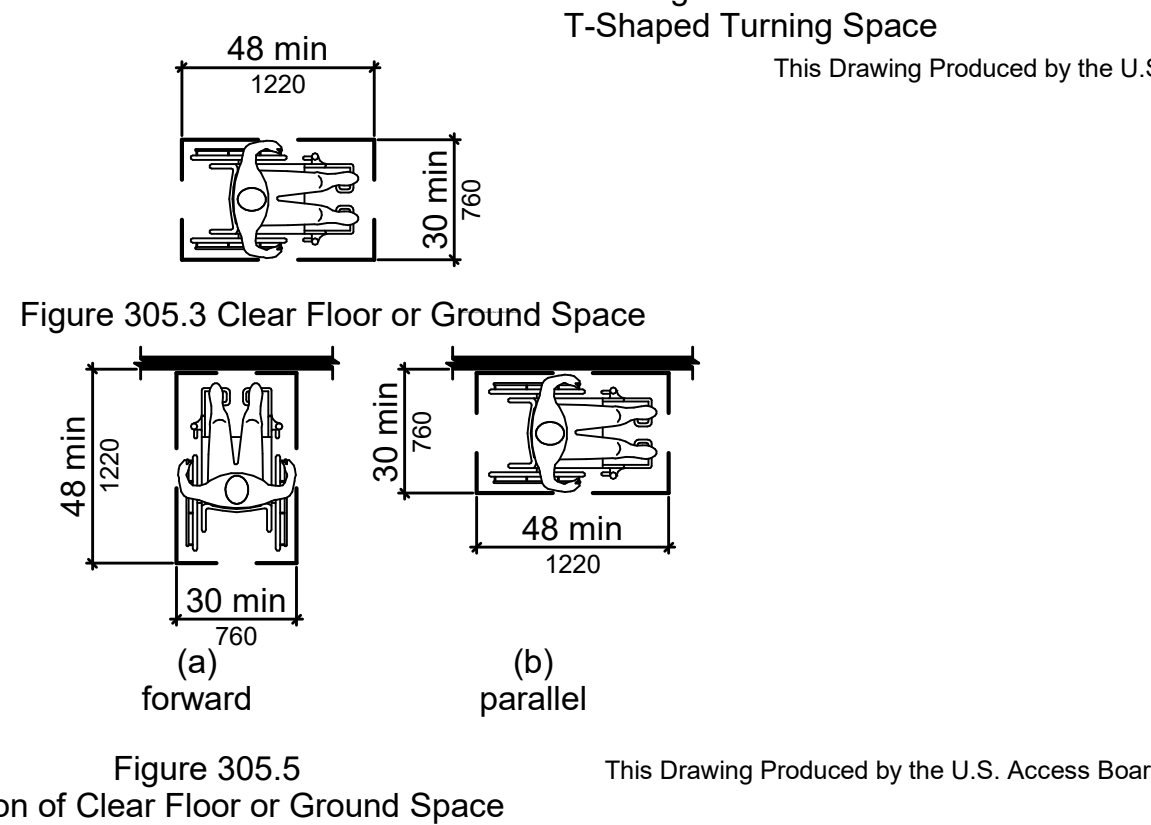
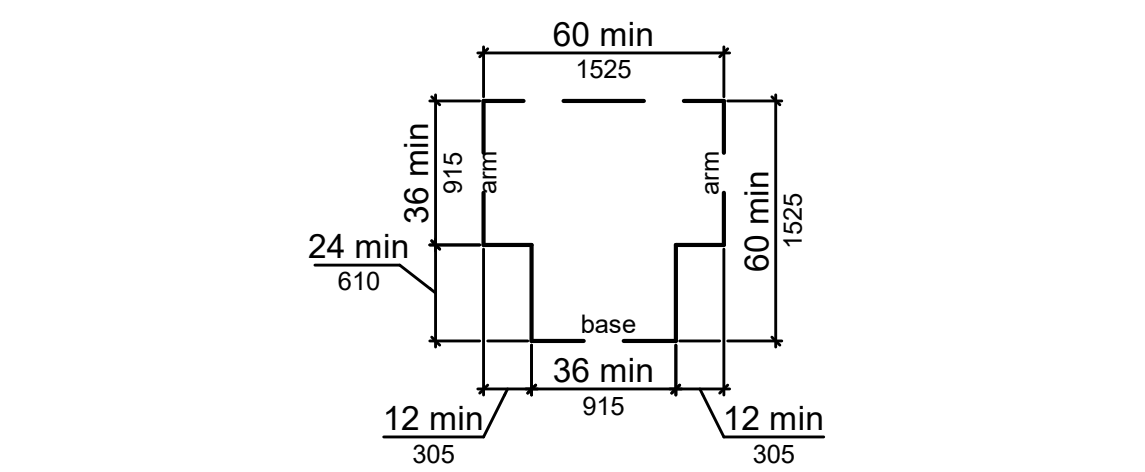


303.3 Beveled. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



304 Turning Space

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 with 306.
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.



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

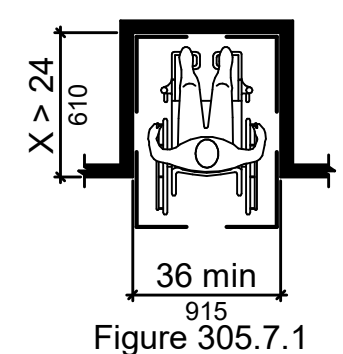


Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

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

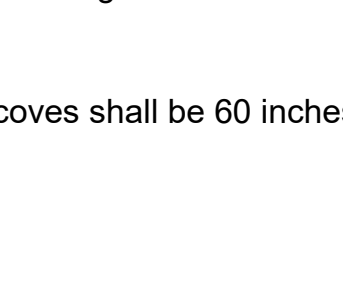


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

306 Knee and Toe Clearance

306.2 Toe Clearance.

306.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2.
306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.
306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the element.
306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.
306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.

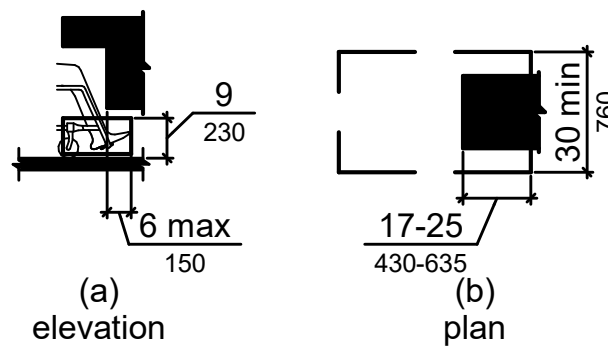


Figure 306.2 Toe Clearance

306.3 Knee Clearance.

306.3.1 General.

Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3. Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum under an element at **306.3.3 Minimum Required Depth.** Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.
306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for
306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

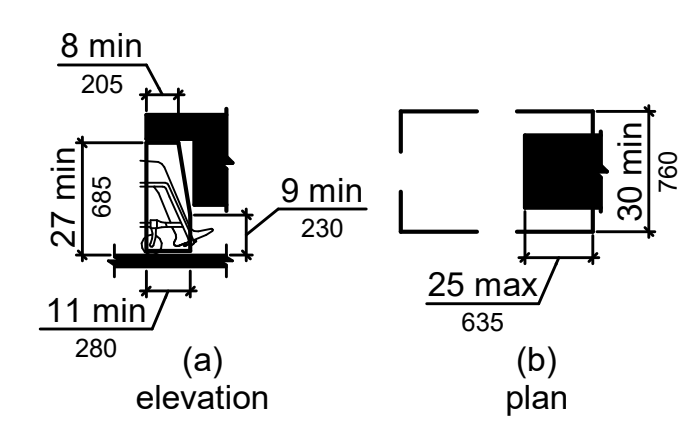


Figure 306.3 Knee Clearance

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

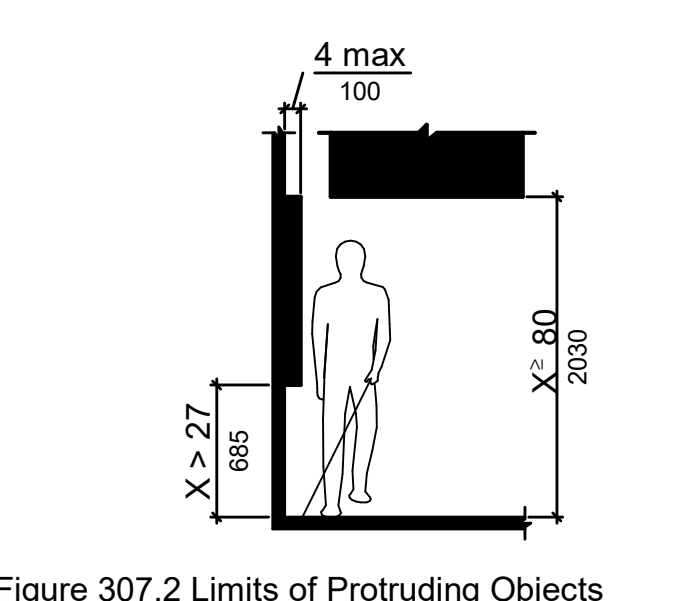


Figure 307.2 Limits of Protruding Objects

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 ground.

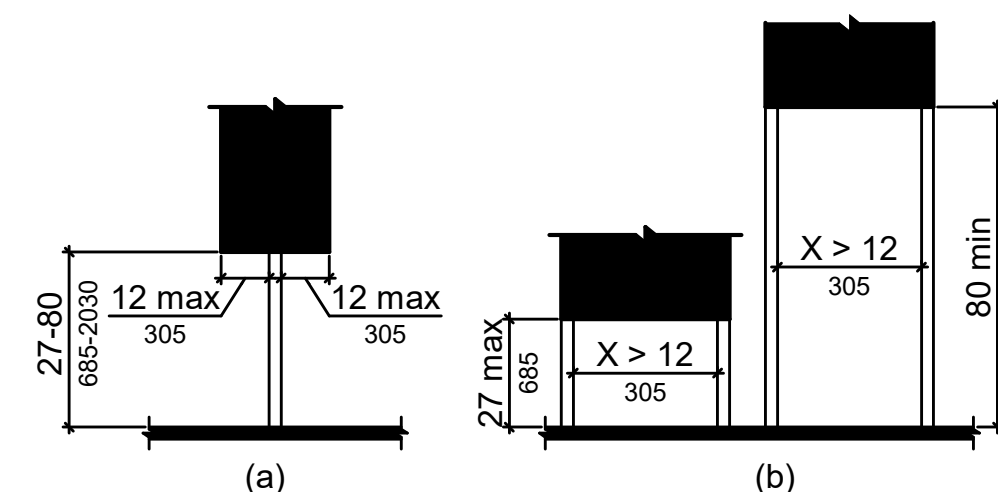


Figure 307.3 Post-Mounted Protruding Objects

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.

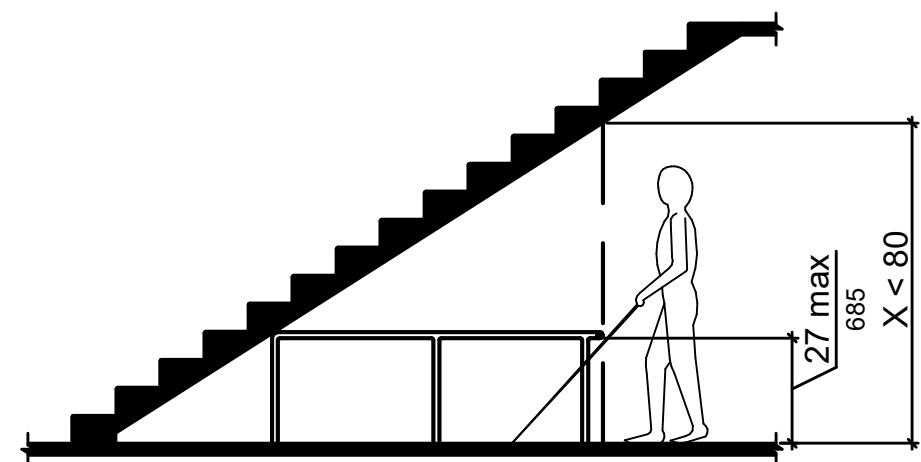


Figure 307.4 Vertical Clearance

308 Reach Ranges

Children's Reach Ranges

Forward or Side Reach	High (maximum)	Low (minimum)
Ages 3 and 4	36 in (915 mm)	20 in (510 mm)
Ages 5 through 8	40 in (1015 mm)	18 in (455 mm)
Ages 9 through 12	44 in (1120 mm)	16 in (405 mm)

308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

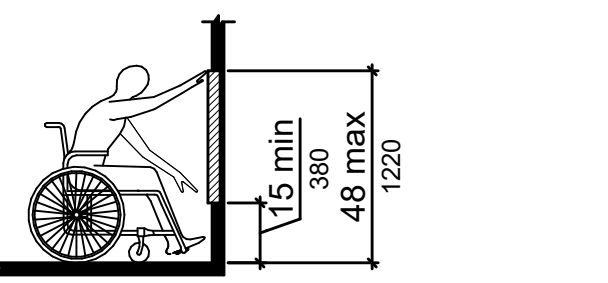


Figure 308.2.2 Obstructed High Forward Reach

308.2.2 Obstructed High Reach.

Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

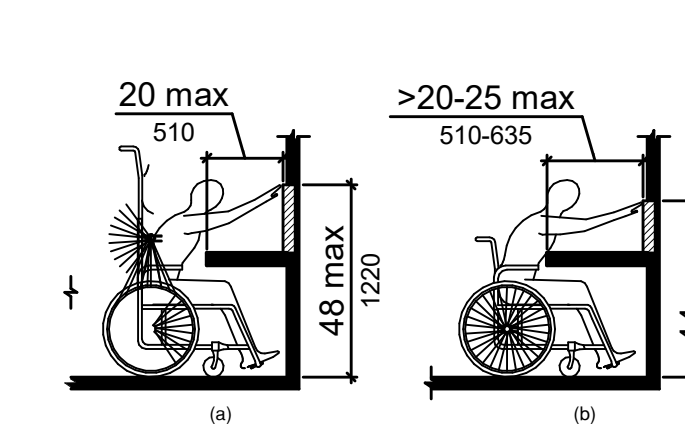
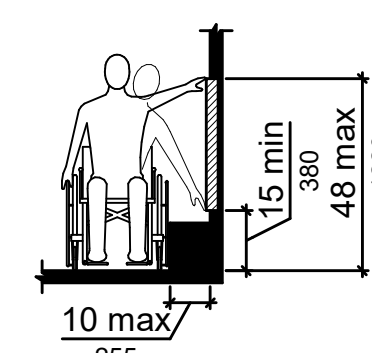


Figure 308.3.1 Unobstructed Side Reach

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.



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.

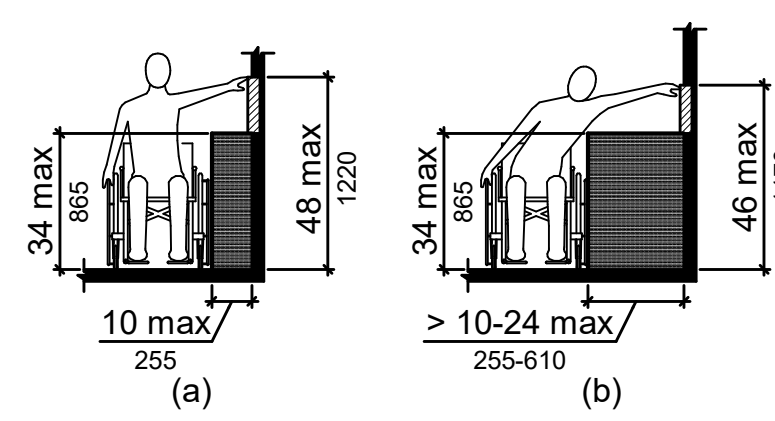


Figure 308.3.2 Obstructed High Side Reach

309 Operable Parts

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.
309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 305.
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)

CHAPTER 4: ACCESSIBLE ROUTES

402.2 Components. Accessible routes shall consist of one or more of the following components: walking pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable requirements of Chapter 4.
Advisory 402.2 Components. Walking surfaces must have running slopes not steeper than 1:20, see 403.3. Other components of accessible routes, such as ramps (405) and curb ramps (406), are permitted to be more steeply sloped.

403 Walking Surfaces

403.1 General. Walking surfaces that are a part of an accessible route shall comply with 403.
403.2 Floor or Ground Surface. Floor or ground surfaces shall comply with 302.
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.
403.4 Changes in Level. Changes in level shall comply with 303.
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 segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum

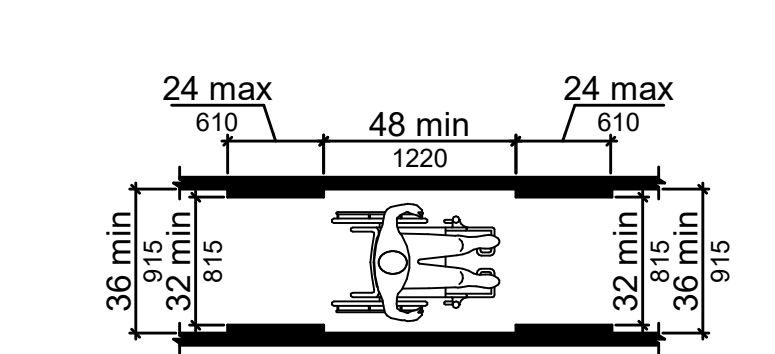


Figure 403.5.1 Clear Width of an Accessible Route

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.

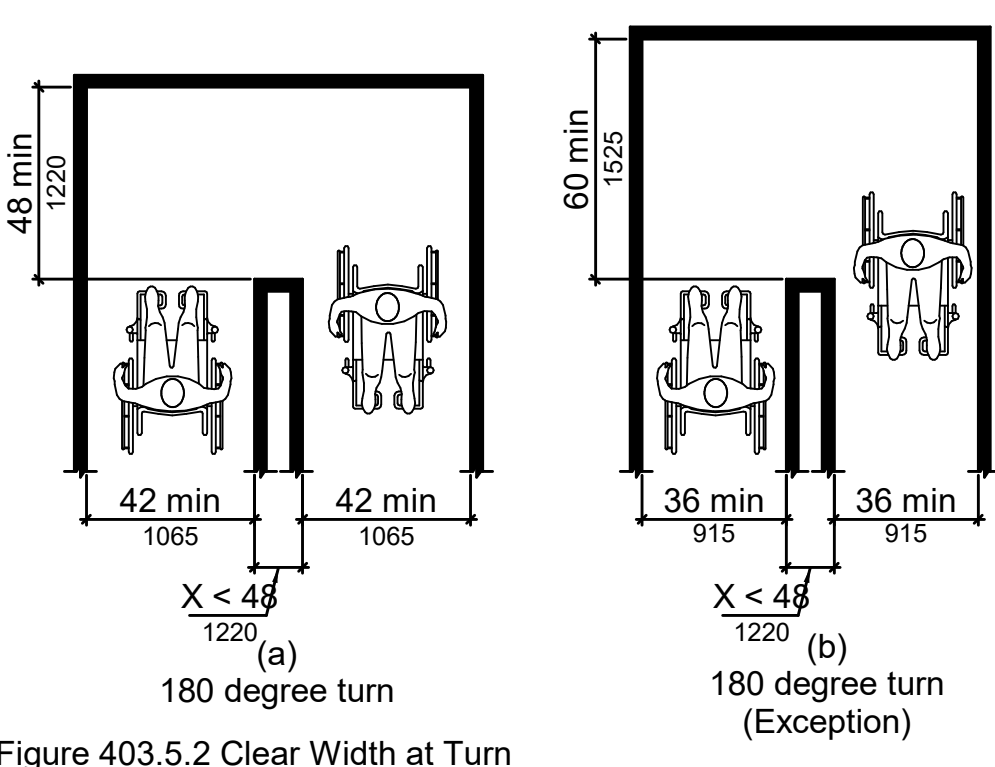


Figure 403.5.2 Clear Width at Turn

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.
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 wider than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening shall be 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

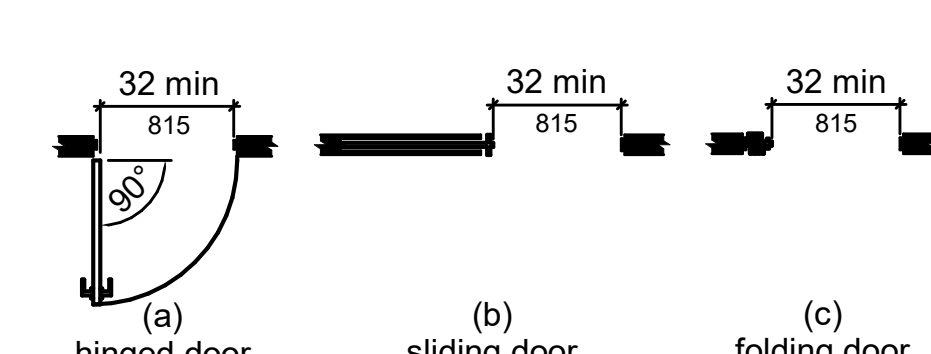


Figure 404.2.3 Clear Width of Doorways

404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or Maneuvering Clearances. Minimum maneuvering clearances at doors and gates shall comply with hinge side clearance.

404.2.4.3 Recessed Doors and Gates.

Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

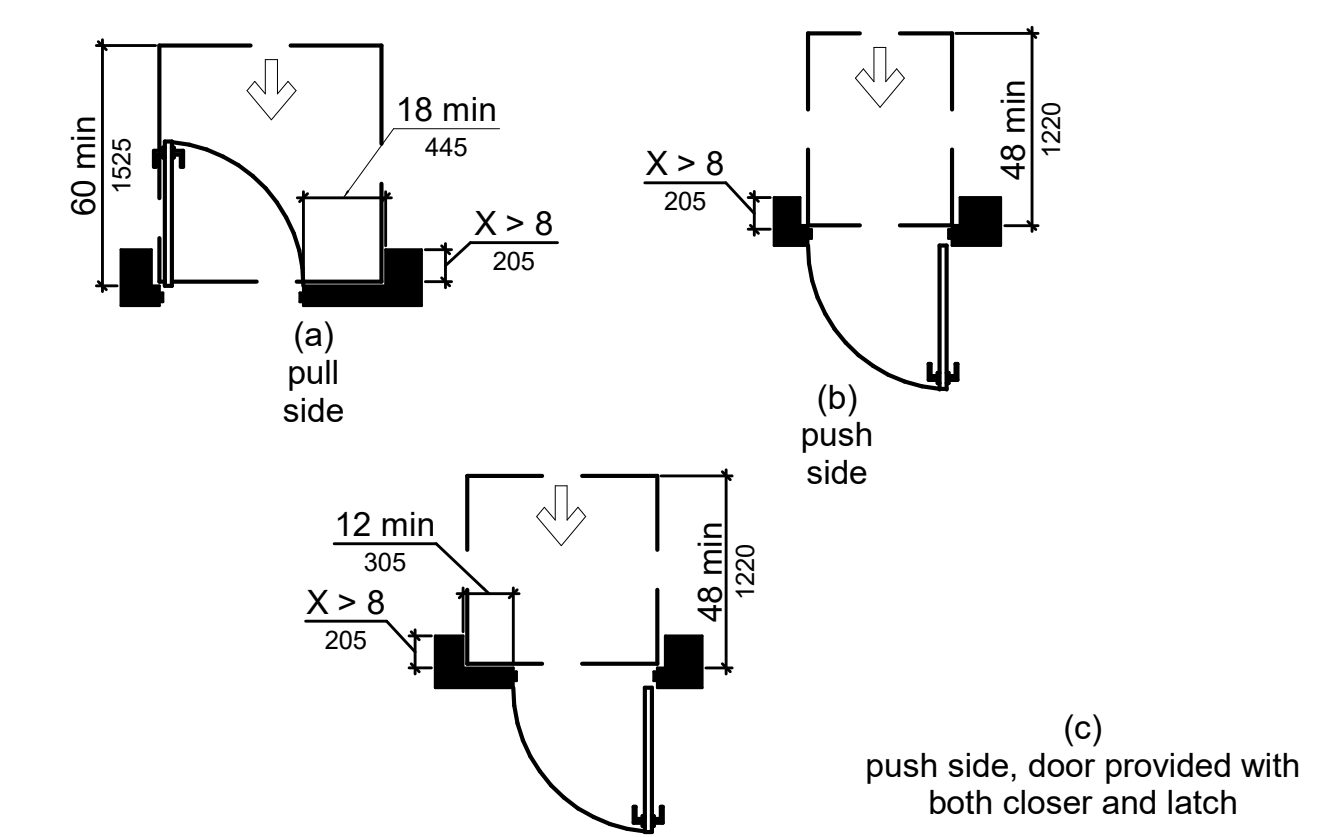


Figure 404.2.4.3 Maneuvering Clearances at Recessed Doors and Gates

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.

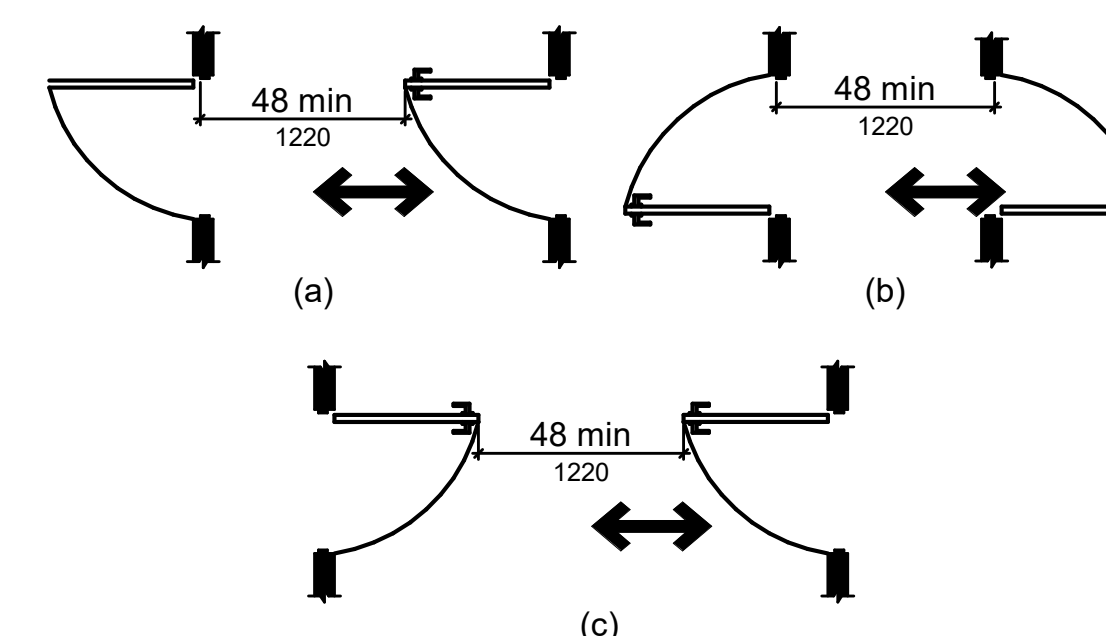


Figure 404.2.6 Doors in Series and Gates in Series

404.2.7 Door and Gate Hardware. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
404.2.8 Spring Hinges. Door and gate spring hinges shall be adjusted so that from the open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.
404.2.9 Door and Gate Opening Force. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:
1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum.
2. Sliding or folding doors: 5 pounds (22.2 N) maximum.
 These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

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 mm) of the finish floor or ground measured vertically shall have a smooth surface on the 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.
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.
404.3 Automatic and Power-Assisted Doors and Gates. Automatic doors and automatic gates shall comply with 404.3. Full-powered automatic doors shall comply with ANSI/BHMA A156.10 (incorporated by reference, see "Referenced Standards" in Chapter 1). Low-energy and power-assisted doors shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1)
404.3.1 Maneuvering Clearance. Clearances at power-assisted doors and gates shall comply with 404.2.4. Clearances at automatic doors and gates without standby power and serving an accessible means of egress shall comply with 404.2.4
404.3.2 Revolving Doors, Revolving Gates, and Turnstiles. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.
405 Ramps

405.2 Slope. Ramp runs shall have a running slope not steeper than 1:12.
405.3 Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.
405.5 Clear Width. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches (915 mm) minimum.
405.6 Rise. The rise for any ramp run shall be 30 inches (760 mm) maximum.
405.7 Landings. Ramps shall have landings at the top and the bottom of each ramp run.

Landings shall comply with 405.7.

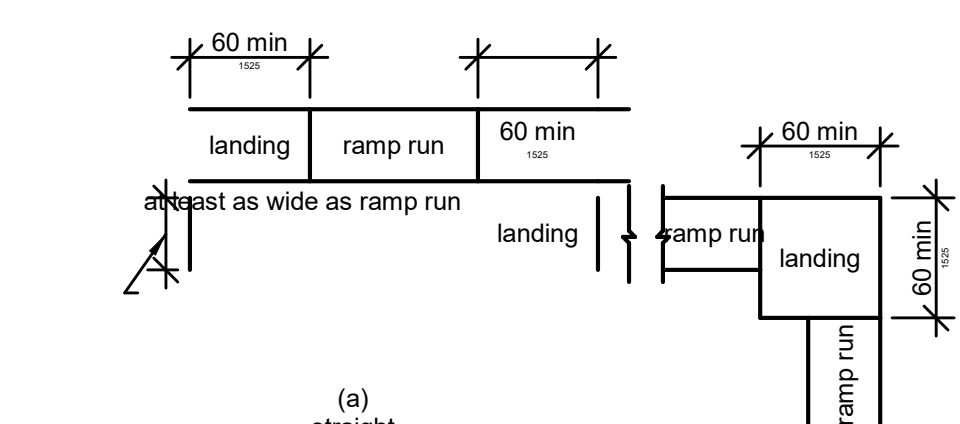


Figure 405.7 Ramp Landings

405.7.1 Slope. Landings shall have slope not steeper than 1:48. Changes in level are not permitted.

405.7.2 Width. The landing clear width shall be at least as wide as the widest ramp run leading to the landing.
405.7.3 Length. The landing clear length shall be 60 inches (1525 mm) long minimum.
405.7.4 Change in Direction. Ramps that change direction between runs at landings shall have a clear landing 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum.
405.7.5 Doorways. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 404.2.4 and 404.3.2 shall be permitted to overlap the required landing
405.8 Handrails. Ramp runs with a rise greater than 6 inches (150 mm) shall have handrails complying with 305.
405.9 Edge Protection. Edge protection complying with 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings.

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.

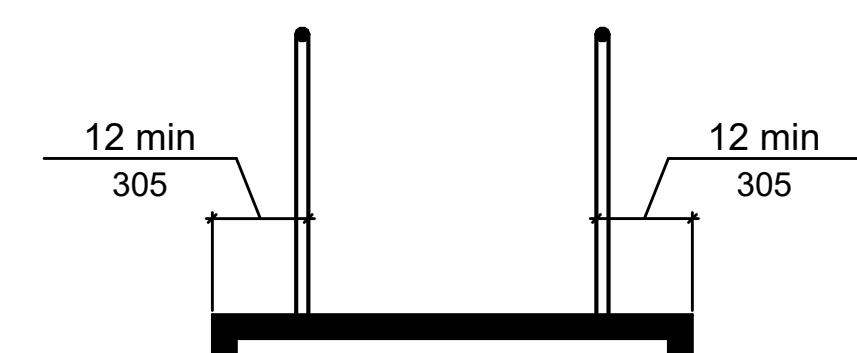


Figure 405.9.1 Extended Floor or Ground Surface Edge Protection

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.

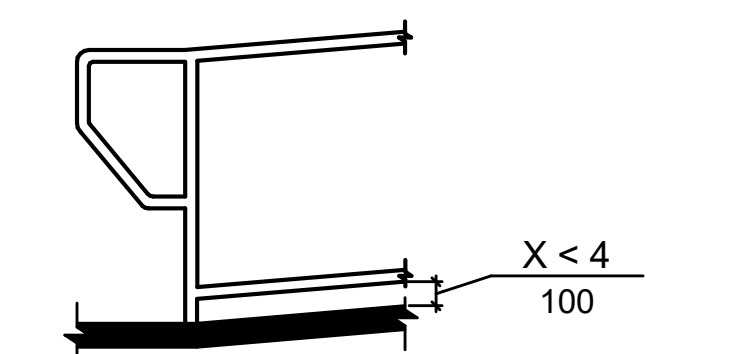


Figure 405.9.2 Curb or Barrier Edge Protection

406 Curb Ramps

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

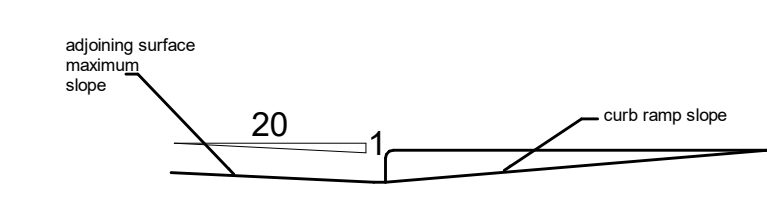


Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps. Where provided, curb ramp flares shall not be steeper than 1:10.

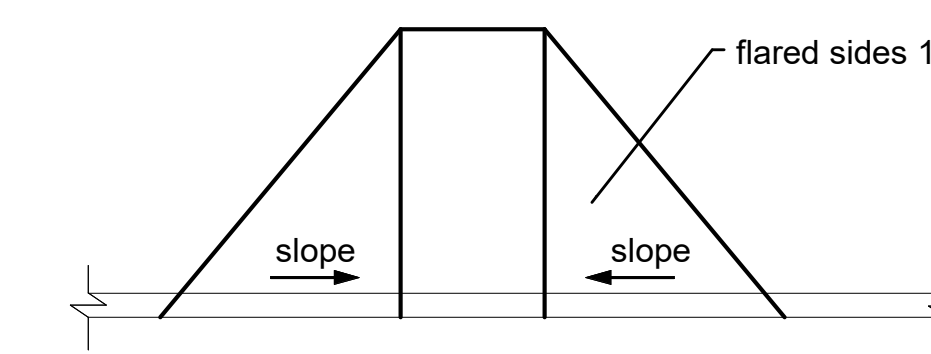


Figure 406.3 Sides of Curb Ramps

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.

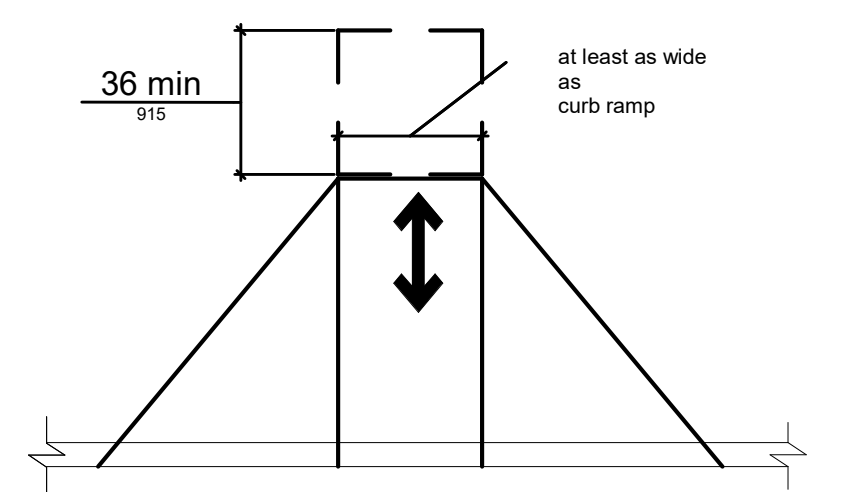


Figure 406.4 Landings at the Top of Curb Ramps

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 aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.
406.6 Diagonal Curb Ramps. Diagonal or corner type curb ramps with returned curbs or other well-defined 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.

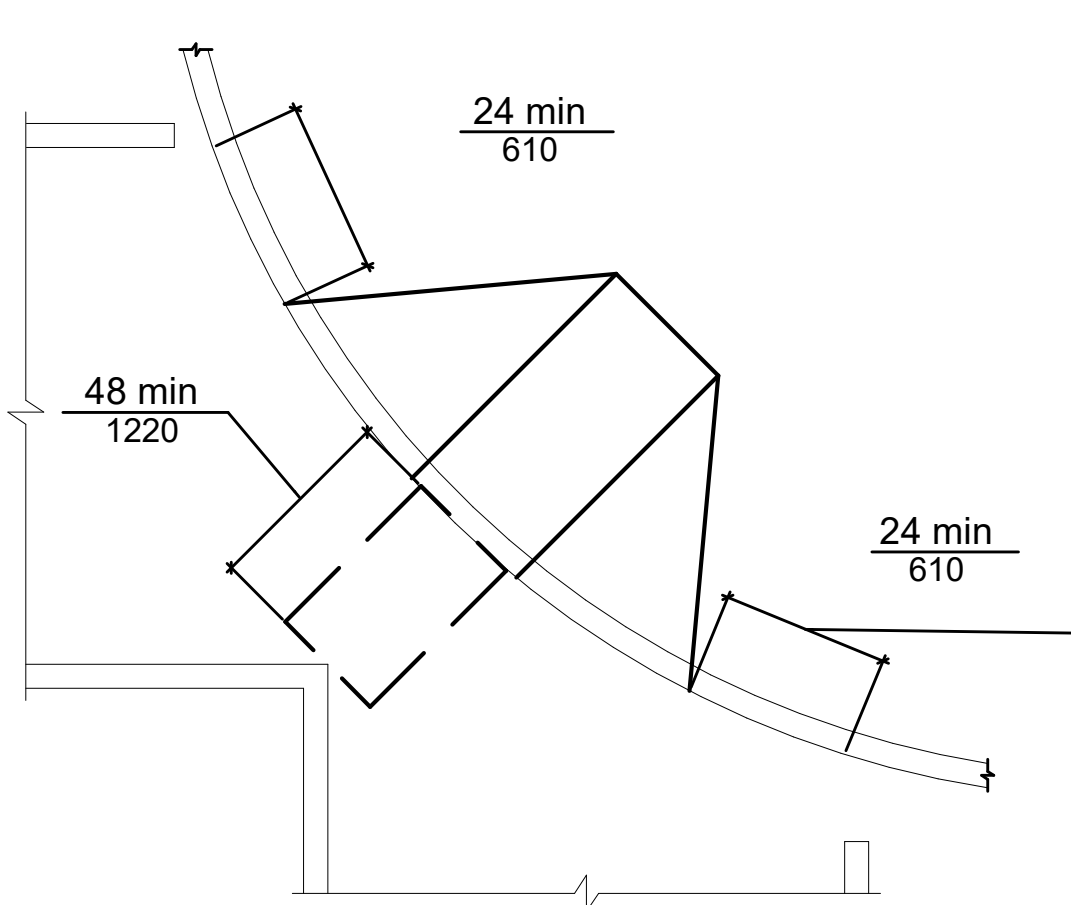


Figure 406.6 Diagonal or Corner Type Curb Ramps

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.

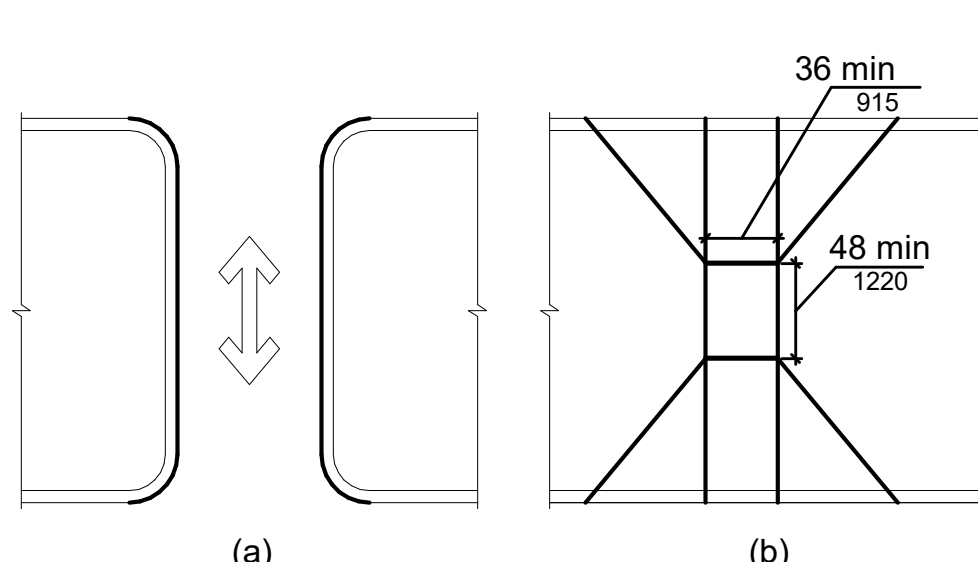


Figure 406.7 Islands in Crossings

REVISIONS	BY

Drawn By:	SA
Checked By:	SM
DATE:	03/27/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number
A1.1	
GENERAL NOTES	

CONVENIENCE STORE - CLEVELAND, MS
 214 N Davis Ave, Cleveland, MS 38732, United States.

407 Elevators

407.1 General. Elevators shall comply with 407 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. EXCEPTION: Existing conditions don't have to comply 407.2.1.2 Size. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension.

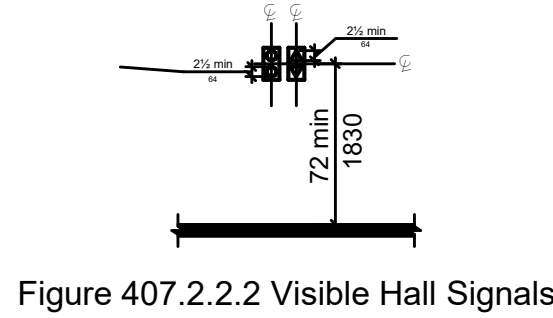


Figure 407.2.2.2 Visible Hall Signals

407.2.3.1 Floor Designation. Floor designations complying with 703.2 and 703.4.1 shall be provided on both jambs of elevator hoistway entrances. Floor designations shall be provided in both tactile characters and braille. Tactile characters shall be 2 inches (51 mm) high minimum. A tactile star shall be provided on both jambs at the main entry level.

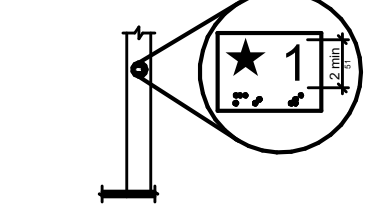


Figure 407.2.3.1 Floor Designations on Jambs of Elevator Hoistway Entrances

407.2.3.2 Car Designations. Destination-oriented elevators shall provide tactile car identification minimum complying with 703.2 on both jambs of the hoistway immediately below the floor designation. Car designations shall be provided in both tactile characters and braille. Tactile characters shall be 2 inches (51 mm) high minimum.

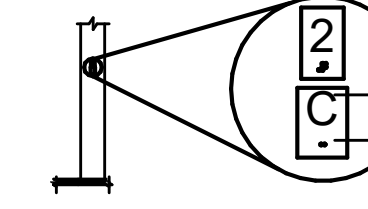


Figure 407.2.3.2 Car Designations on Jambs of Destination-Oriented Elevator Hoistway Entrances

407.3.3.1 Height. The device shall be activated by sensing an obstruction passing through the opening 5 inches (125 mm) nominal and 29 inches (735 mm) nominal above the finish floor.

407.3.3.3 Duration. Door reopening devices shall remain effective for 20 seconds minimum.

407.3.4 Door and Signal Timing. The minimum acceptable time from notification that a car is answering a call or notification of the car assigned at the means for the entry of destination information until the doors of that car start to close shall be calculated from the following equation: T = D(1.5 f/s) or T = D(455 mm/s) = 5 seconds minimum where T equals the time in seconds and D equals the distance (in feet or millimeters) from the point in the car to the door 60 inches (1525 mm) directly in front of the farthest call button controlling that car to the centerline of its hoistway door.

407.3.5 Door Delay. Elevator doors shall remain fully open in response to a car call for 3 seconds.

407.3.6 Width. The width of elevator doors shall comply with Table 407.4.1.1.

407.4 Elevator Car Requirements. Elevator cars shall comply with 407.4.1.

407.4.1 Car Dimensions. Inside dimensions of elevator cars and clear width of elevator doors shall comply with Table 407.4.1.

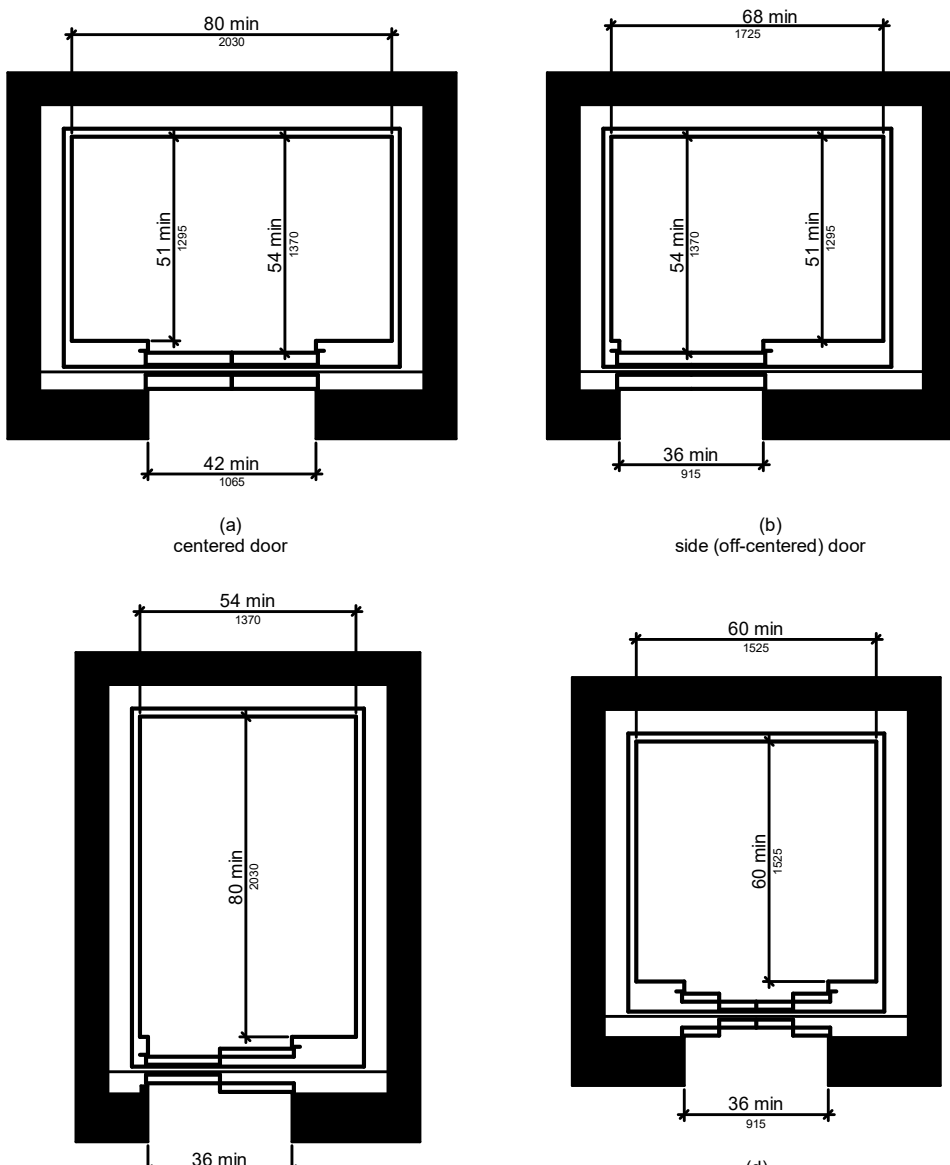


Figure 407.4.1 Elevator Car Dimensions

407.4.3 Platform to Hoistway Clearance. The clearance between the car platform sill and the edge of any hoistway landing shall be 1 1/4 inch (32 mm) maximum.

407.4.4 Leveling. Each car shall be equipped with a self-leveling feature that will automatically bring and maintain the car at floor landings within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

407.4.5 Illumination. The level of illumination at the car controls, platform, car threshold and car landing shall be 5 foot candles (54 lux) minimum.

407.4.6 Elevator Car Controls. Where provided, elevator car controls shall comply with 407.4.6 and 309.4.

407.4.6.1 Location. Controls shall be located within one of the reach ranges specified in 308.

407.4.6.2 Buttons. Car control buttons with floor designations shall comply with 407.4.6.2 and shall be raised or flush.

407.4.6.2.1 Size. Buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

407.4.6.4 Height. Emergency control buttons shall have their centerlines 35 inches (890 mm) minimum above the finish floor.

407.4.7.1.1 Type. Control buttons shall be identified by tactile characters complying with 703.2.

407.4.7.1.3 Symbols. The control button for the emergency stop, alarm, door open, door close, main entry floor, and phone, shall be identified with tactile symbols as shown in Table 407.4.7.1.3.

407.4.8.1.1 Size. Characters shall be 1/2 inch (13 mm) high minimum.

407.4.8.2.2 Signal Level. The verbal annunciator shall be 10 dB minimum above ambient but shall not exceed 80 dB, measured at the annunciator.

407.4.8.2.3 Frequency. The verbal annunciator shall have a frequency of 300 Hz minimum to 3000 Hz maximum. 408.2 Limited-Use/Limited-Application Elevators (Chapter 1). Limited-use/limited-application elevators shall comply with 408.2 and with ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. 408.2 Elevator Landings. Landings serving limited-use/limited-application elevators shall comply with 408.2.

408.2.1 Call Buttons. Elevator call buttons and keypads shall comply with 407.2.1.

408.2.2 Hall Signals. Hall signals shall comply with 407.2.2.

408.2.3 Visible Signs. Signs at elevator hoistways shall comply with 407.2.3.

408.3 Elevator Doors. Elevator hoistway doors shall comply with 408.3.

408.3.1 Sliding Doors. Sliding hoistway and car doors shall comply with 407.3.1 through 407.3.3 and 408.4.1.

408.3.2 Swinging Doors. Swinging hoistway doors shall open and close automatically and shall comply with 404, 407.3.2 and 408.3.2.

408.3.2.1 Power Operation. Swinging doors shall be power-operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

408.3.2.2 Duration. Power-operated swinging doors shall remain open for 20 seconds minimum when activated.

408.4 Elevator Cars. Elevator cars shall comply with 408.4.

408.4.1 Car Dimensions and Doors. Elevator cars shall provide a clear width of 42 inches (1065 mm) minimum and a clear depth 54 inches (1370 mm) minimum. Car doors shall be positioned at the narrow ends of cars and shall provide 32 inches (815 mm) minimum clear width.

408.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

408.4.3 Platform to Hoistway Clearance. The clearance between the platform sill and the edge of any runway landing shall be 1 inch (32 mm) maximum.

408.4.5 Operable Parts. Controls for platform lifts shall comply with 309.

408.4.6 Doors and Gates. Platform lifts shall have low-energy power-operated doors or gates complying with 404.3. Doors shall remain open for 20 seconds minimum. Side doors and gates shall provide a clear width 42 inches (1065 mm) minimum. Side doors and gates shall provide a clear width 42 inches (1065 mm) minimum.

EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.

408.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

408.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

408.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

408.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

408.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

408.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

408.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

408.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

408.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

408.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

408.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

408.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

408.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Emergency two-way communication systems shall comply with 409.4.7.1 Type. A telephone and emergency signal device shall be provided in the car.

409.4.7.2 Operable Parts. The telephone and emergency signaling device shall comply with 309.3 and 309.4.

409.4.7.3 Compartment. If the telephone or device is in a closed compartment, the compartment door hardware shall comply with 309.

409.4.7.4 Cord. The telephone cord shall be 29 inches (735 mm) long minimum.

410 Platform Lifts. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift.

Advisory 410.1 General. Inclined stairway chairlifts and inclined and vertical platform lifts are available for short-distance vertical transportation. Because an accessible route requires a 60 inch (2030 mm) vertical clearance, care should be taken in selecting lifts as they may not be equally suitable for use by people using wheelchairs and people standing. If a lift does not provide 80 inch (2030 mm) vertical clearance, it cannot be considered part of an accessible route in new construction.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway doors, car doors, and car gates shall comply with 409.3 and 404.

409.3.1 Power Operation. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Power operated doors and gates shall remain open for 20 seconds minimum when activated.

409.3.2 Location. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 409.4.1.

409.4 Elevator Cars. Private residence elevator cars shall comply with 409.4.

409.4.1 Inside Dimensions of Elevator Cars. Elevator cars shall provide a clear floor space of 36 inches (915 mm) minimum by 48 inches (1220 mm) minimum and shall comply with 305.

409.4.2 Floor Surfaces. Floor surfaces in elevator cars shall comply with 302 and 303.

409.4.3 Platform to Hoistway Clearance. The clearance between the car platform and the edge of any landing sill shall be 1 1/2 inch (38 mm) maximum.

409.4.4 Leveling. Each car shall automatically stop at a floor landing within a tolerance of 1/2 inch (13 mm) under rated loading to zero loading conditions.

409.4.5 Illumination Levels. Elevator car illumination shall comply with 407.4.5.

409.4.6 Car Controls. Elevator car control buttons shall comply with 409.4.6, 309.3, 309.4, and shall be raised or flush.

409.4.6.1 Size. Control buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

409.4.6.2 Location. Control panels shall be on a side wall, 12 inches (305 mm) minimum from any adjacent wall.

409.4.7 Emergency Communications. Car emergency signaling devices complying with 407.4.9 shall be provided.

409.4.8 Private Residence Elevators. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 809.2 through 809.4 shall comply with 408 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

409.2 Call Buttons. Call buttons shall be 3/4 inch (19 mm) minimum in the smallest dimension and shall comply with 309.

409.3 Elevator Doors. Hoistway

607.4.1.1 Back Wall.

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.

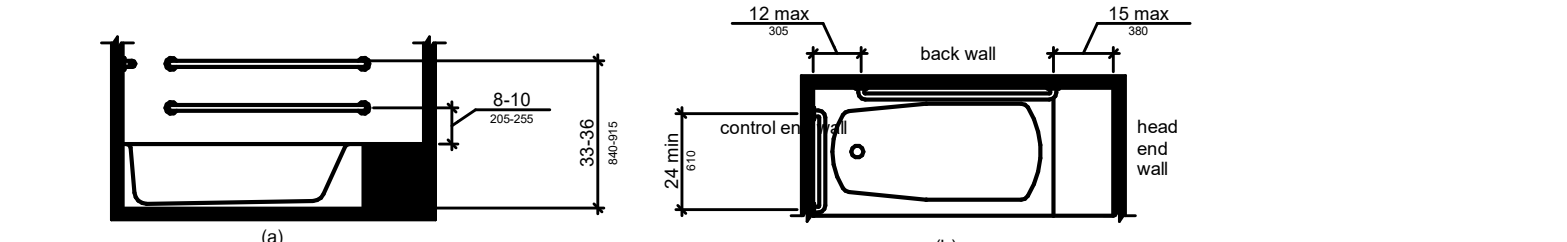


Figure 607.4.1 Grab Bars for Bathtubs with Permanent Seats

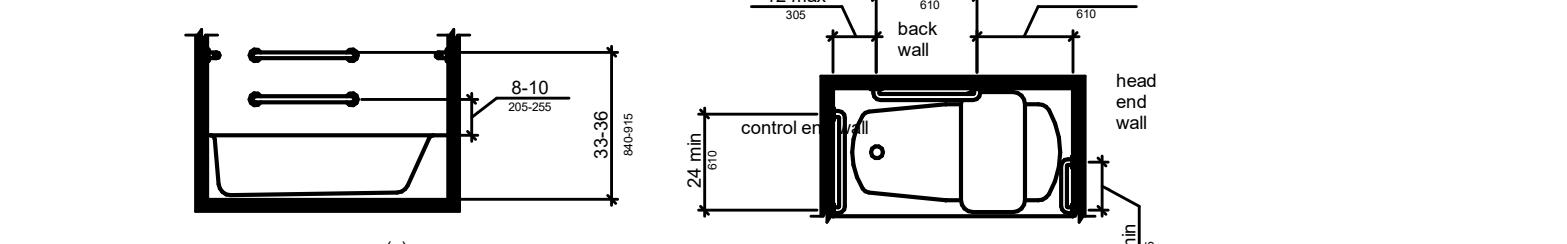


Figure 607.4.2 Grab Bars for Bathtubs with Removable In-Tub Seats

607.4.2 Bathrooms Without Permanent Seats. For bathtubs without permanent seats, grab bars shall comply with 607.4.2.

607.4.2.1 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 24 inches (610 mm) long minimum and shall be installed 24 inches (610 mm) maximum from the head end wall and 12 inches (305 mm) maximum from the control end wall.

607.4.2.2 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.

607.4.2.3 Head End Wall. A grab bar 12 inches (305 mm) long minimum shall be installed on the head end wall at the front edge of the bathtub.

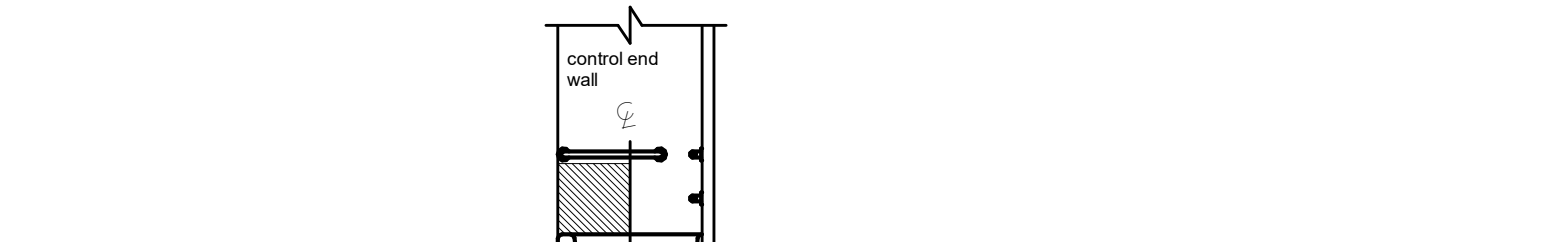


Figure 607.5 Bathtub Control Location

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.

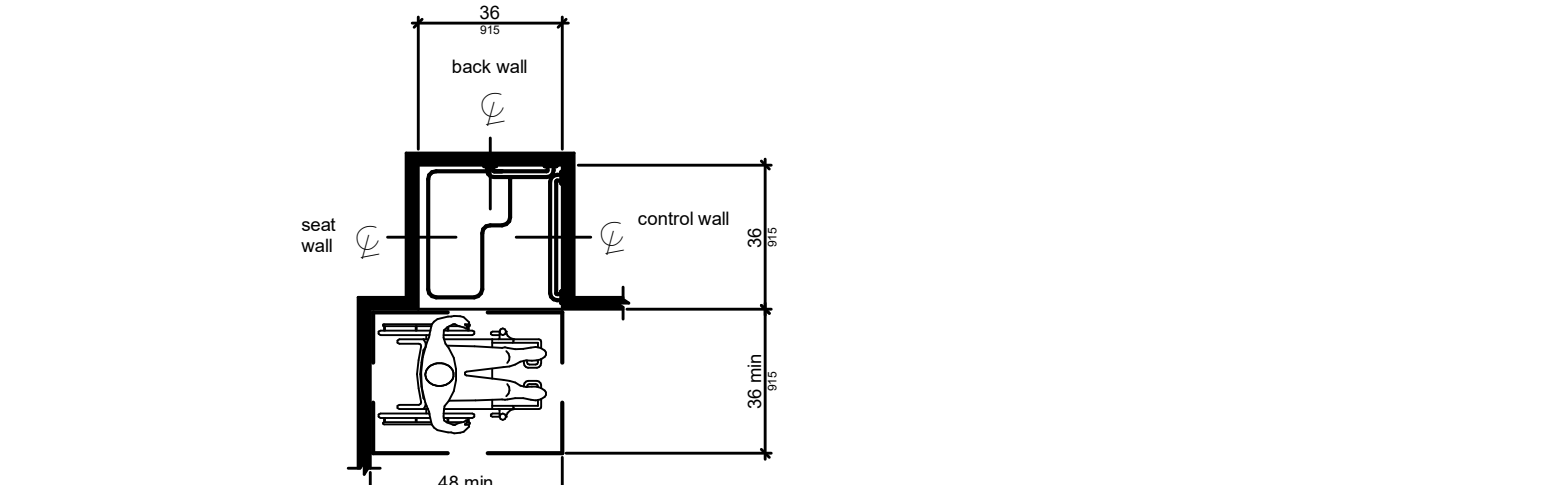
607.6 Shower Spray Unit and Water. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed-position shower head and as a hand-held shower shall be provided. The shower spray unit shall have an on/off control with a non-positive shut-off. If an adjustable-height 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.

607.7 Bathtub Enclosures. Enclosures for bathtubs shall not obstruct controls, faucets, shower and spray units or obstruct transfer from wheelchairs onto bathtub seats or into bathtubs. Enclosures on bathtubs shall not have tracks installed on the rim of the open face of the bathtub.

608 Shower Compartments

608.2 Size and Clearances for Shower Compartments. Shower compartments shall have sizes and clearances complying with 608.2.

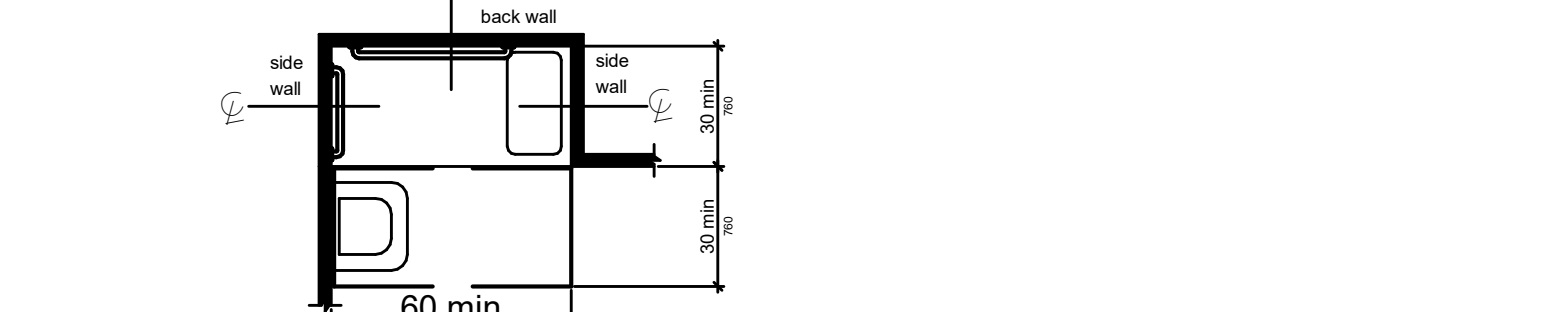
608.2.1 Transfer Type Shower Compartments. Transfer type shower compartments shall be 36 inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance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



Note: inside finished dimensions measured at the center points of opposing sides
Figure 608.2.1 Transfer Type Shower Compartment Size and Clearance

608.2.2 Standard Roll-In Type Shower Compartments. Standard roll-in type shower compartments shall be 30 inches (760 mm) wide minimum by 60 inches (1525 mm) deep minimum clear inside dimensions measured at center points of opposing sides and shall have a 60 inches (1525 mm) wide minimum entry on the face of the shower compartment.

608.2.2.1 Clearance. A 30 inch (760 mm) wide minimum by 60 inch (1525 mm) long clearance shall be provided adjacent to the open face of the shower compartment minimum



Note: inside finished dimensions measured at the center points of opposing sides
Figure 608.2.2 Standard Roll-In Type Shower Compartment Size and Clearance

608.2.3 Alternate Roll-In Type Shower Compartments. Alternate roll-in type shower compartments shall be 36 inches (915 mm) wide and 60 inches (1525 mm) deep minimum clear inside dimensions measured at center points of opposing sides. A 36 inch (915 mm) wide minimum entry shall be provided at one end of the long side of the compartment.

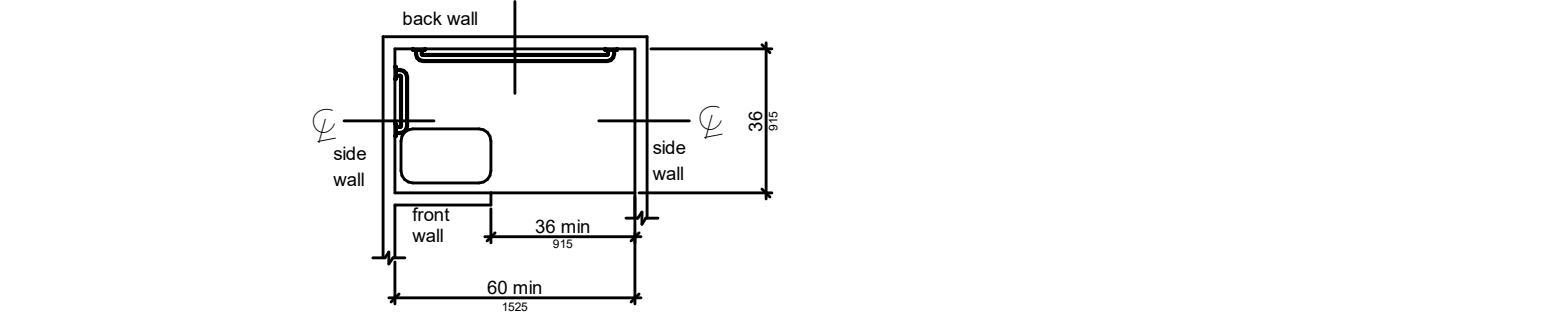


Figure 608.2.3 Alternate Roll-In Type Shower Compartment Size and Clearance

608.3 Grab Bars. Grab bars shall comply with 609 and shall be provided in accordance with 608.3. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the finish floor.

608.3.1 Transfer Type Shower Compartments. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18 inches (455 mm) from the control wall.

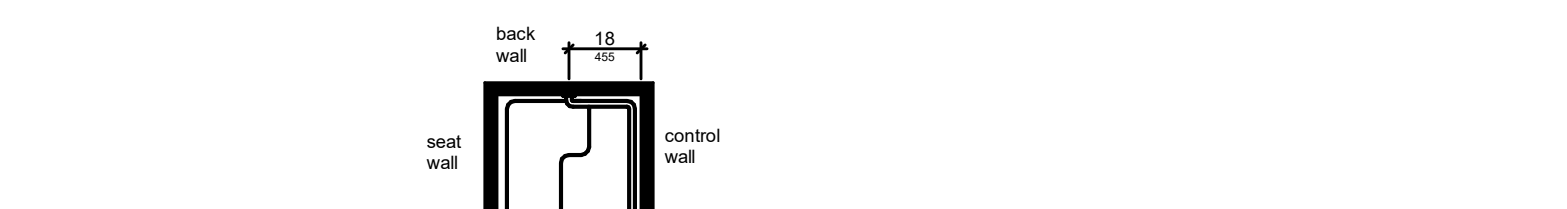


Figure 608.3.1 Grab Bars for Transfer Type Showers

608.3.2 Standard Roll-In Type Shower Compartments. Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. Grab bars shall be installed 6 inches (150 mm) maximum from adjacent walls.

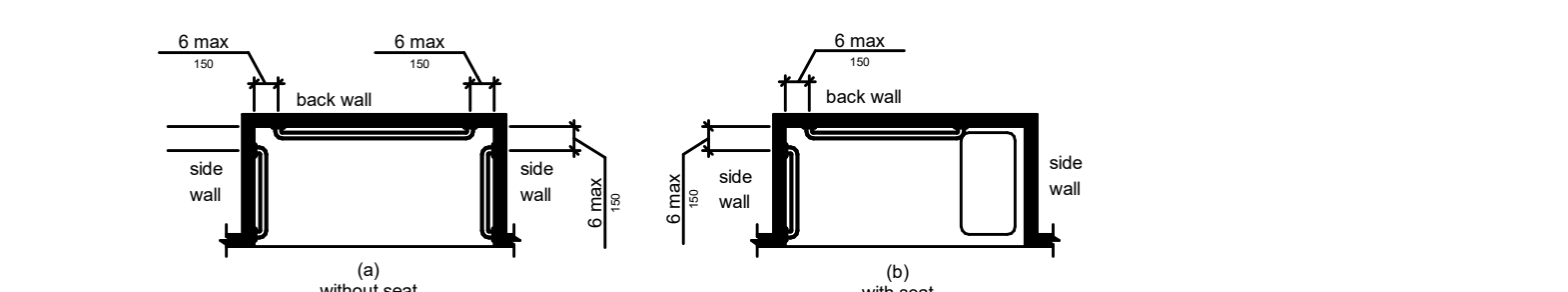


Figure 608.3.2 Grab Bars for Standard Roll-In Type Showers

608.3.3 Alternate Roll-In Type Shower Compartments. In alternate roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall farthest from the compartment entry. Grab bars shall not be provided above the seat. Grab bars shall be installed 6 inches (150 mm) maximum from adjacent walls.

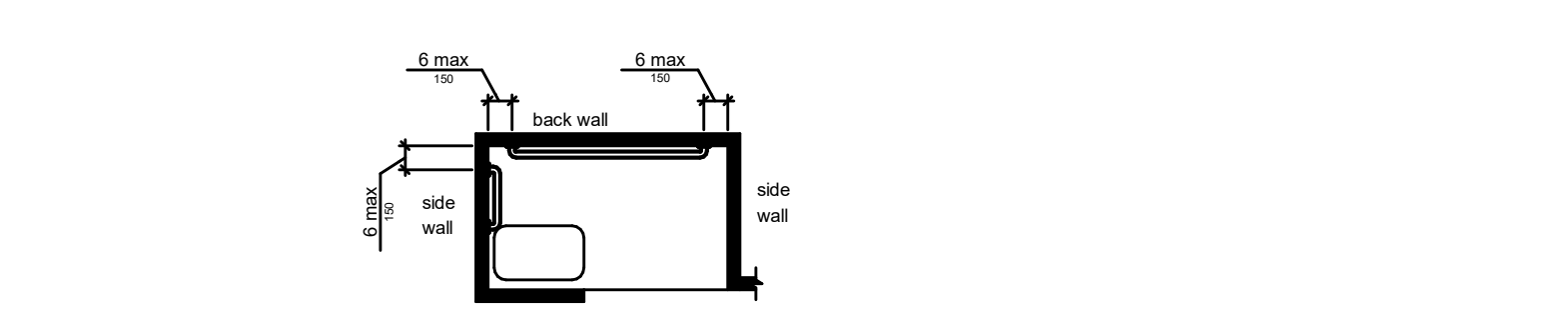


Figure 608.3.3 Grab Bars for Alternate Roll-In Type Showers

608.4 Seats. A folding or non-folding seat shall be provided in transfer type shower compartments. A folding seat shall be provided in roll-in type showers required in transient lodging guest rooms with mobility features complying with 806.2. Seats shall comply with 610.

608.5 Controls. Controls, faucets, and shower spray units shall comply with 309.4.

608.5.1 Transfer Type Shower Compartments. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor and shall be located on the control wall 15 inches (380 mm) maximum from the centerline of the seat toward the shower opening.

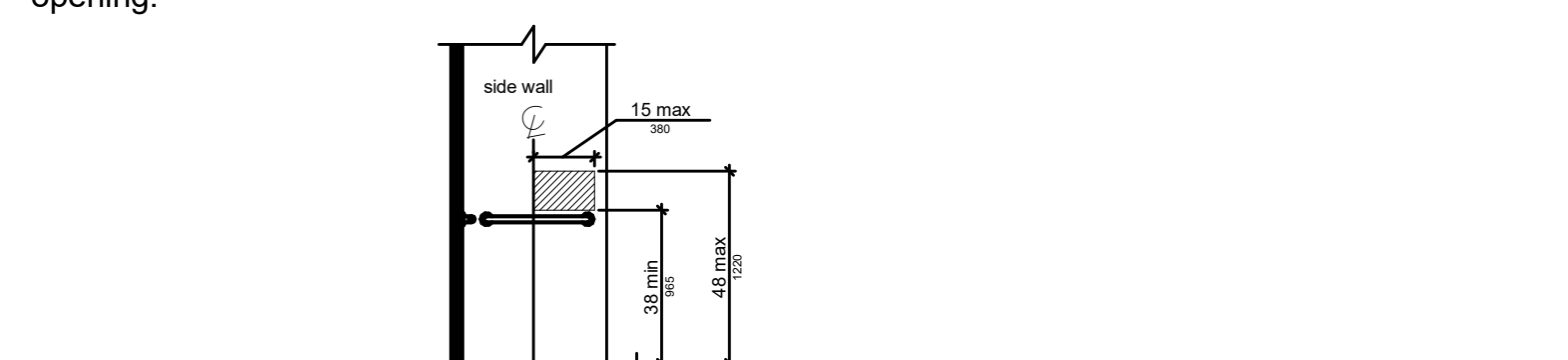


Figure 608.5.1 Transfer Type Shower Compartment Control Location

608.5.2 Standard Roll-In Type Shower Compartments. In standard roll-in type shower compartments, the controls, faucets, and shower spray unit shall be located above the grab bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be installed on the back wall adjacent to the seat wall and shall be located 27 inches (685 mm) maximum from the seat wall.

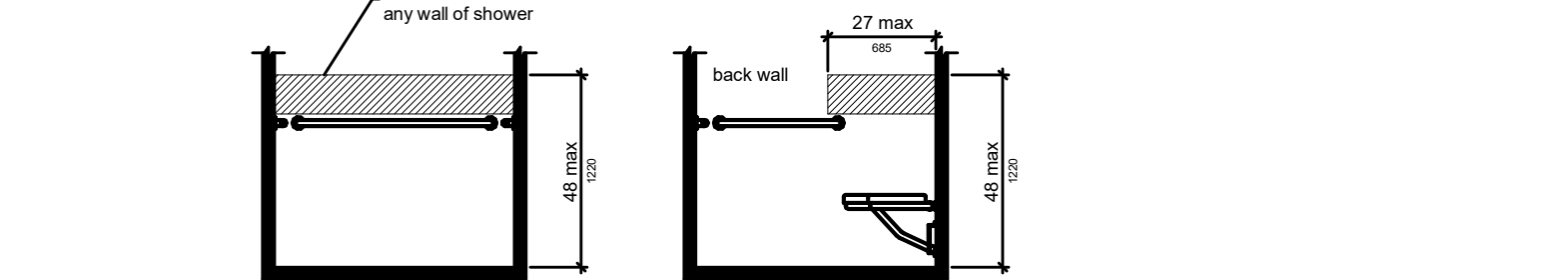


Figure 608.5.2 Standard Roll-In Type Shower Compartment Control Location

608.5.3 Alternate Roll-In Type Shower Compartments. In alternate roll-in type shower bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be located on the side wall shower spray unit shall be installed on the side wall farthest from the compartment entry.

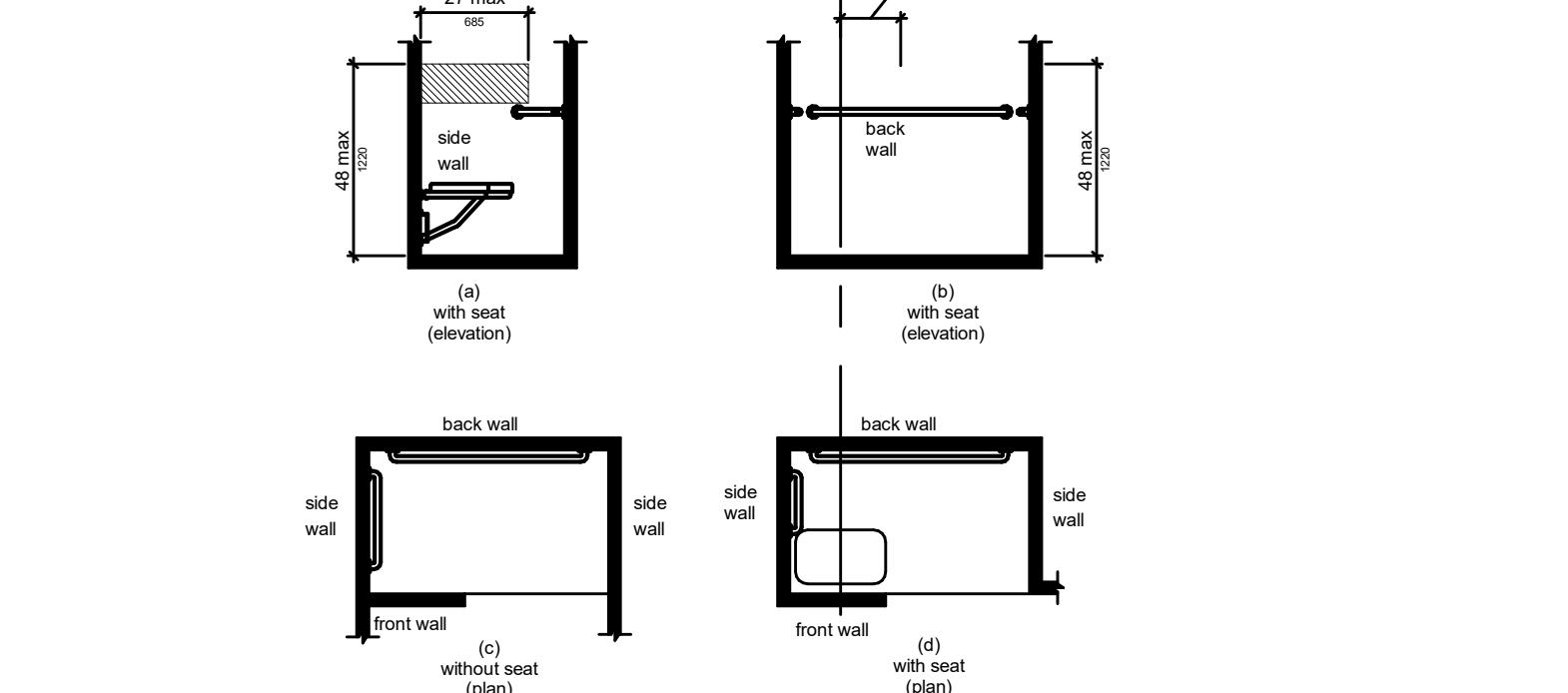


Figure 608.5.3 Alternate Roll-In Type Shower Compartment Control Location

608.6 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. Shower spray units shall deliver water that is 120°F (49°C) maximum.

608.7 Thresholds. Thresholds in roll-in type shower compartments shall be 1/2 inch (13 mm) high maximum in accordance with 303. In transfer type shower compartments, thresholds 1/2 inch (13 mm) high maximum shall be beveled, rounded, or vertical.

608.8 Shower Enclosures. Enclosures for shower compartments shall not obstruct controls, faucets, and shower spray units or obstruct transfer from wheelchairs onto shower seats.

609.1 General. Grab bars in toilet facilities and bathing facilities shall comply with 609.

609.2 Cross Section. Grab bars shall have a cross section complying with 609.2.1 or 609.2.2.

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 across-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.

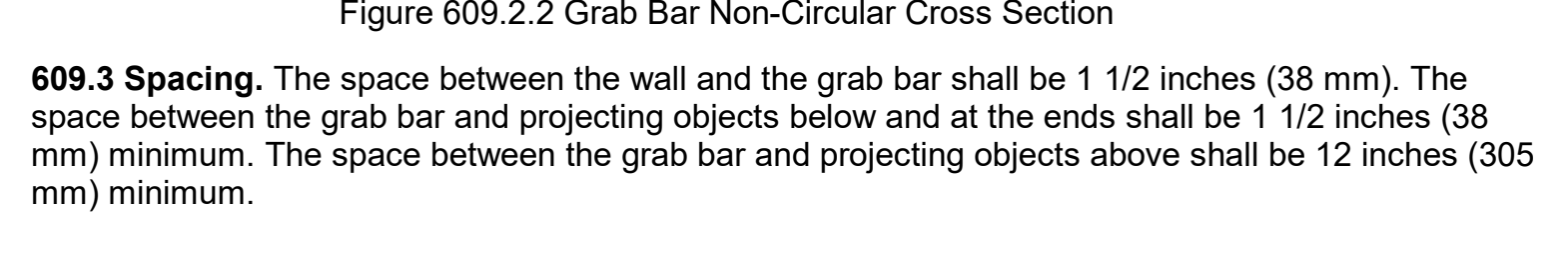


Figure 609.2.2 Grab Bar Non-Circular Cross Section

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.

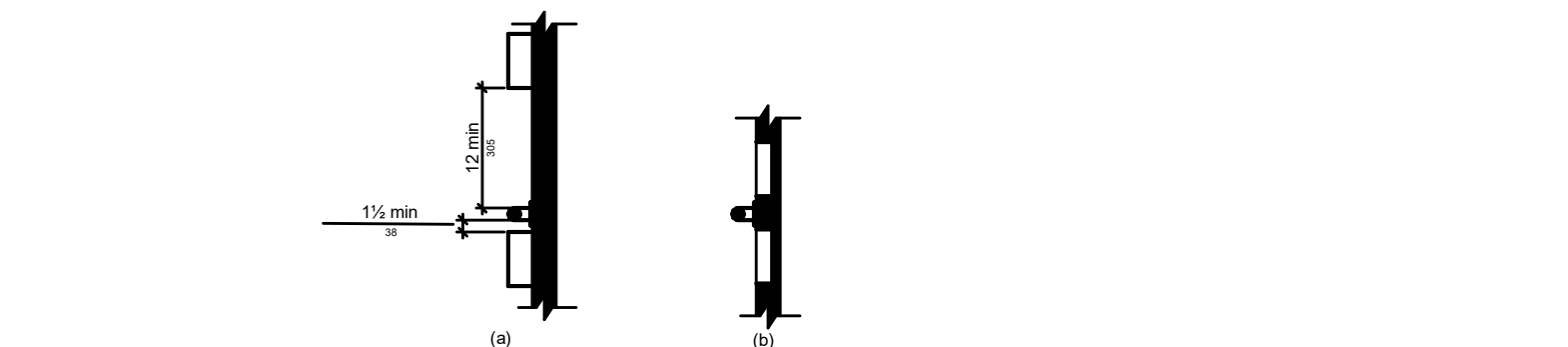


Figure 609.3 Spacing of Grab Bars

609.4 Position of Grab Bars. Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 38 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 (112 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.

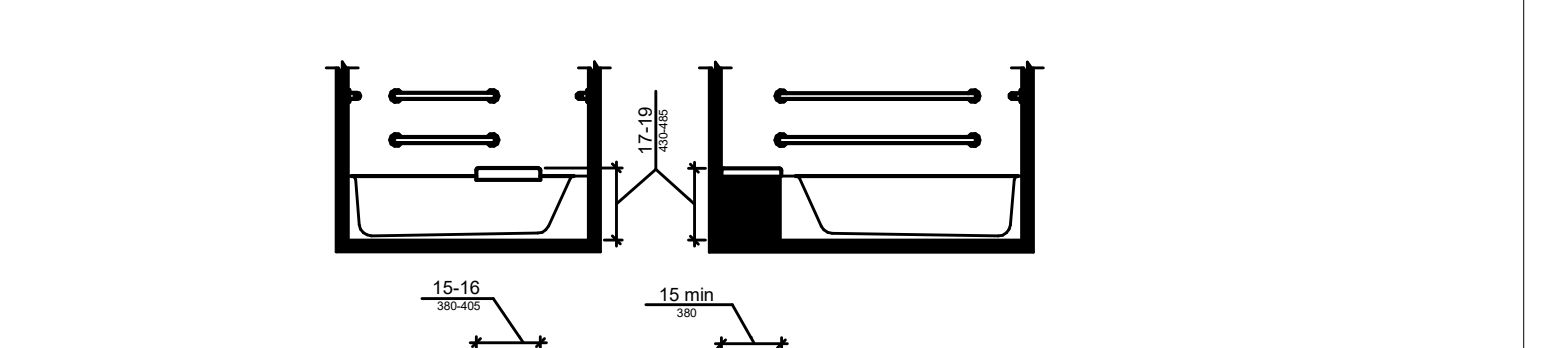


Figure 610.2 Bathtub Seats

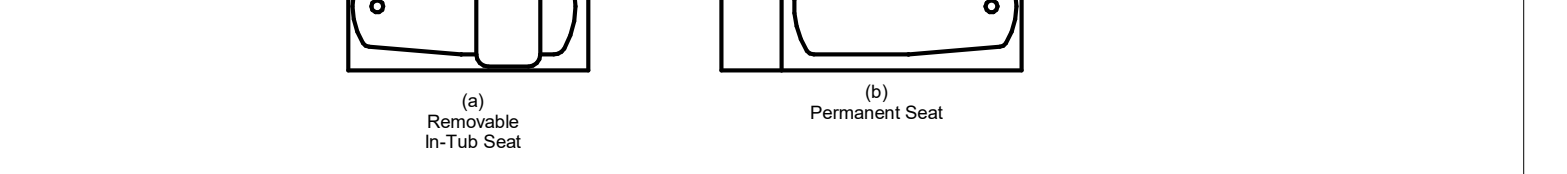


Figure 610.3 Extent of Seat

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.

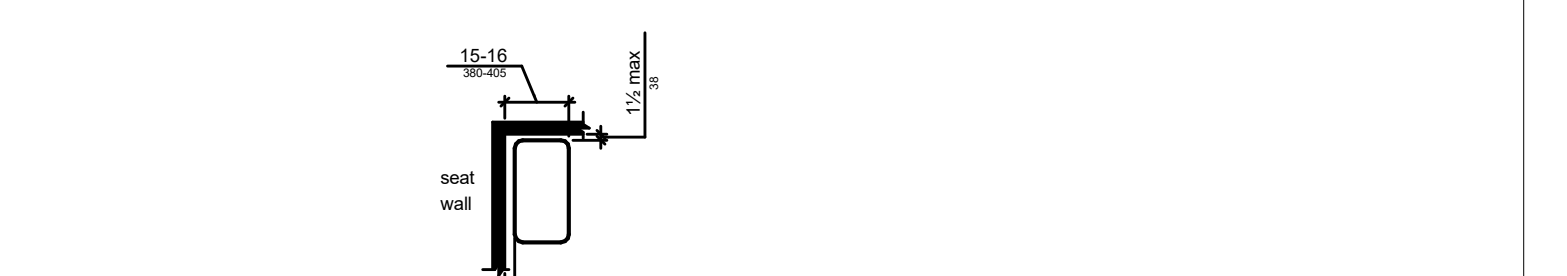


Figure 610.3.1 Rectangular Shower Seat

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 wall.

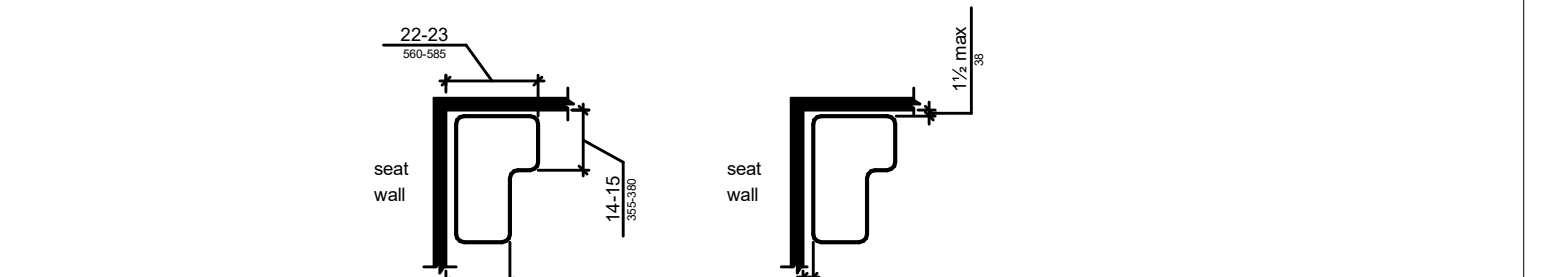


Figure 610.3.2 L-Shaped Shower Seat

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.

610.4 Structural Strength. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (112 N) is applied at any point on the seat, fastener, mounting device, or supporting structure.

611 Washing Machines and Clothes Dryers

611.2 Clear Floor Space. A clear floor or ground space complying with 305 positioned for parallel approach shall be provided. The clear floor or ground space shall be centered on the appliance.

611.3 Operable Parts. Operable parts, including doors, lint screens, and detergent and bleach compartments shall comply with 309.

611.4 Height. Top loading machines shall have the door to the laundry compartment located 36 inches (915 mm) maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15 inches (380 mm) minimum and 36 inches (915 mm) maximum above the finish floor.

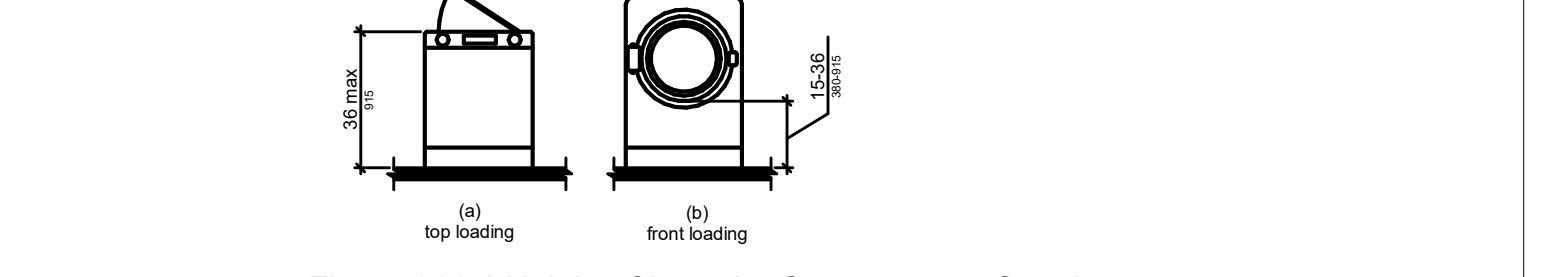


Figure 611.4 Height of Laundry Compartment Opening

612 Saunas and Steam Rooms

612.2 Bench. Where seating is provided in saunas and steam rooms, at least one bench shall comply with 903. Doors shall not swing into the clear floor space required by 903.2. 612.3 Turning Space. A turning space complying with 304 shall be provided within saunas and steam rooms

CHAPTER 7. COMMUNICATION ELEMENTS AND FEATURES

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 guest 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 72 (2002 edition).

703 Signs

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 703.5. Raised characters shall be installed in accordance with 703.4.

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 "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

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

703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the

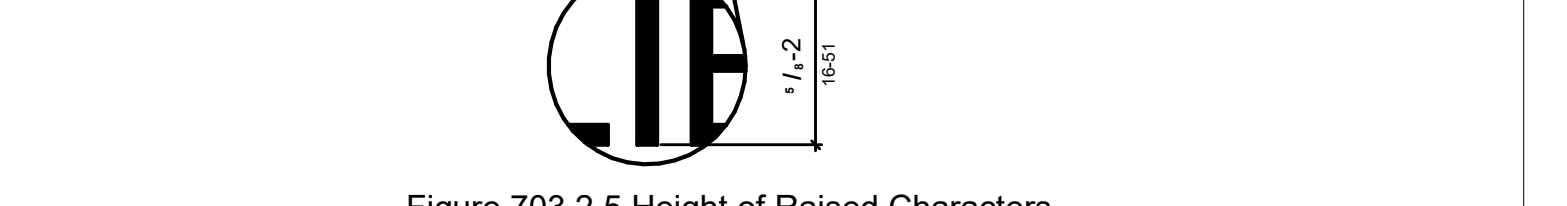


Figure 703.2.5 Height of Raised Characters

height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters, excluding worst 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 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 acronyms.

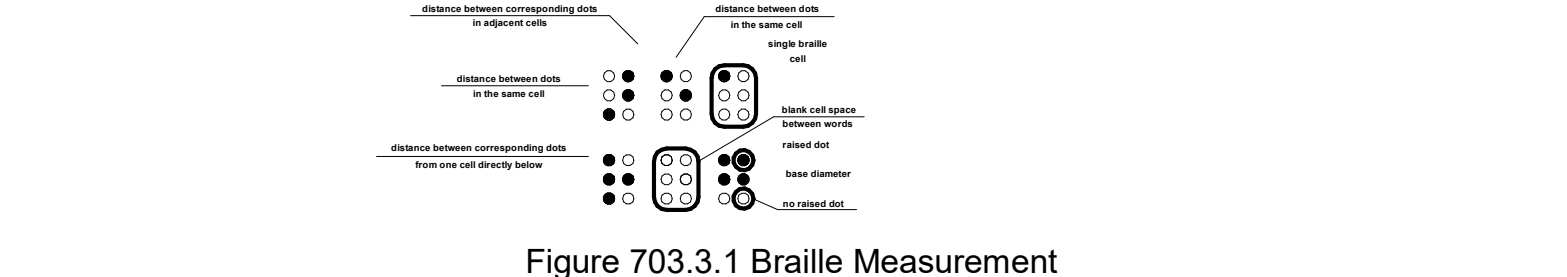


Figure 703.3.1 Braille Measurement

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

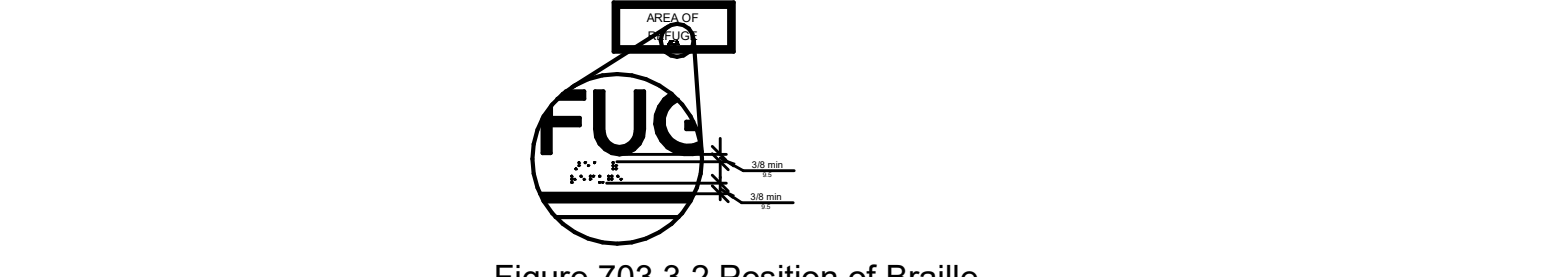


Figure 703.3.2 Position of Braille

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4. 703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

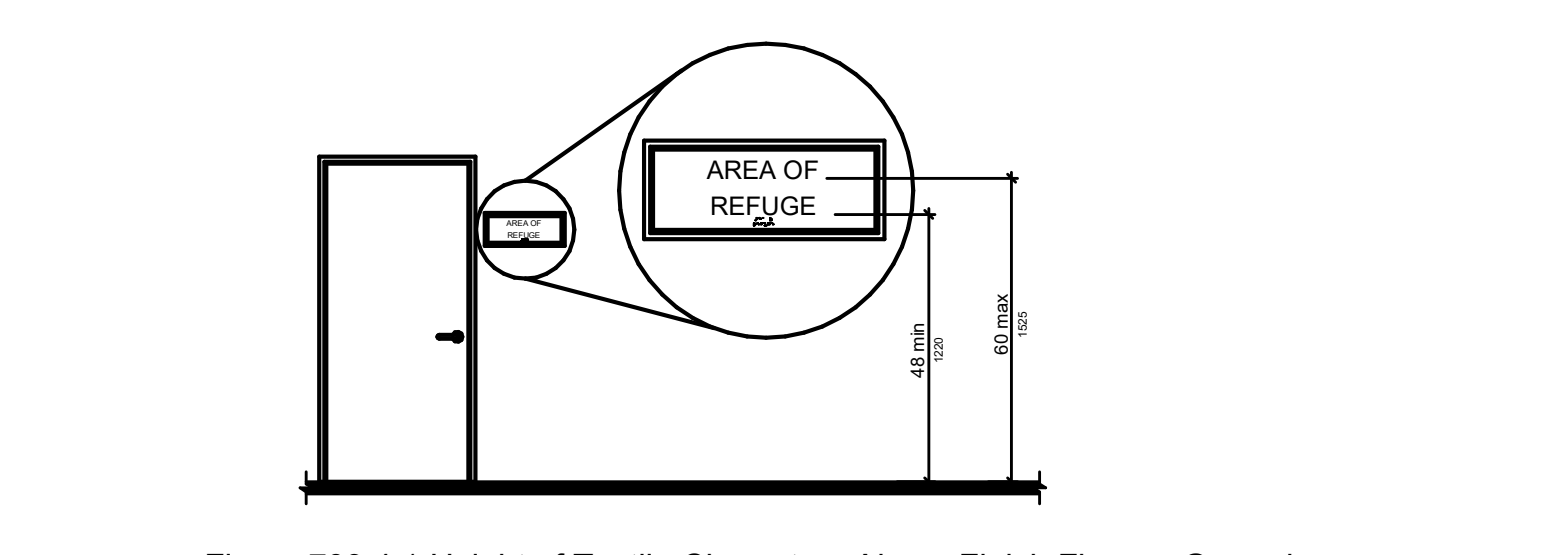


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

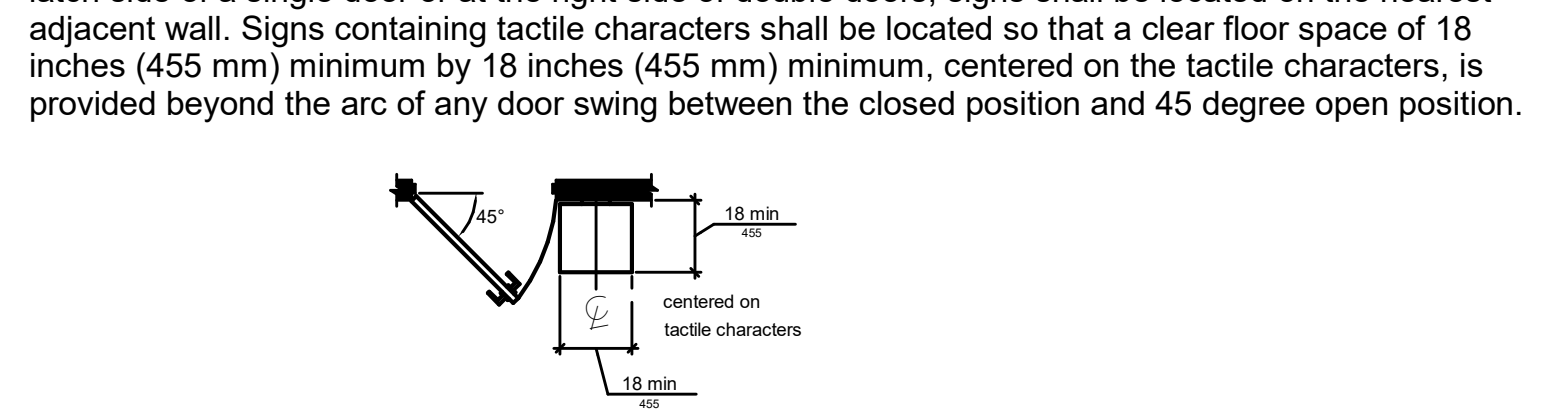


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "I".

703.5.6 Height From Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum above the finish floor or ground.

703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 10 percent minimum and 30 percent maximum of the height of the character

703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height.

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6 Pictograms. Pictograms shall comply with 703.6.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

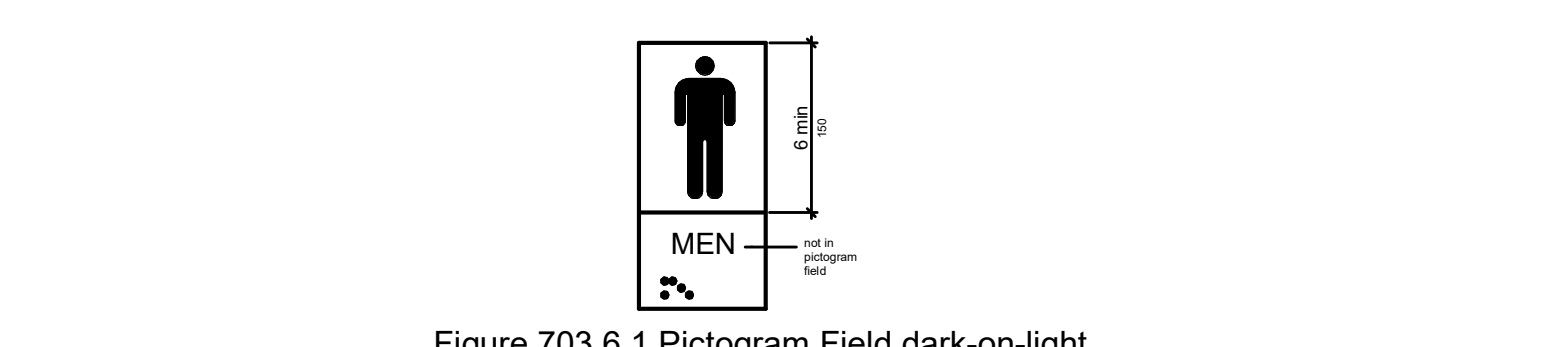


Figure 703.6.1 Pictogram Field dark-on-light.

703.6.2 Finish and Contrast. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field.

703.6.3 Text Descriptors. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 703.2, 703.3 and 703.4.

703.6.4 Symbols of Accessibility. Symbols of accessibility shall comply with 703.7.

703.7.1 Finish and Contrast. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

704 Telephones

704.1 General. Public telephones shall comply with 704.

704.2 Wheelchair Accessible Telephones. Wheelchair accessible telephones shall comply with 704.2.

704.2.1 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided. The clear floor or ground space shall not be obstructed by bases, enclosures, or seats.

704.2.2 Clear Floor or Ground Space. Because clear floor and ground space is required to be unobstructed, telephones, enclosures and related telephone book storage cannot encroach on the required clear floor or ground space and must comply with the provisions for protruding objects. (See Section 307.)

704.2.1.1 Parallel Approach. Where a parallel approach is provided, the distance from the edge of the telephone enclosure to the face of the telephone unit shall be 10 inches (255 mm) maximum.

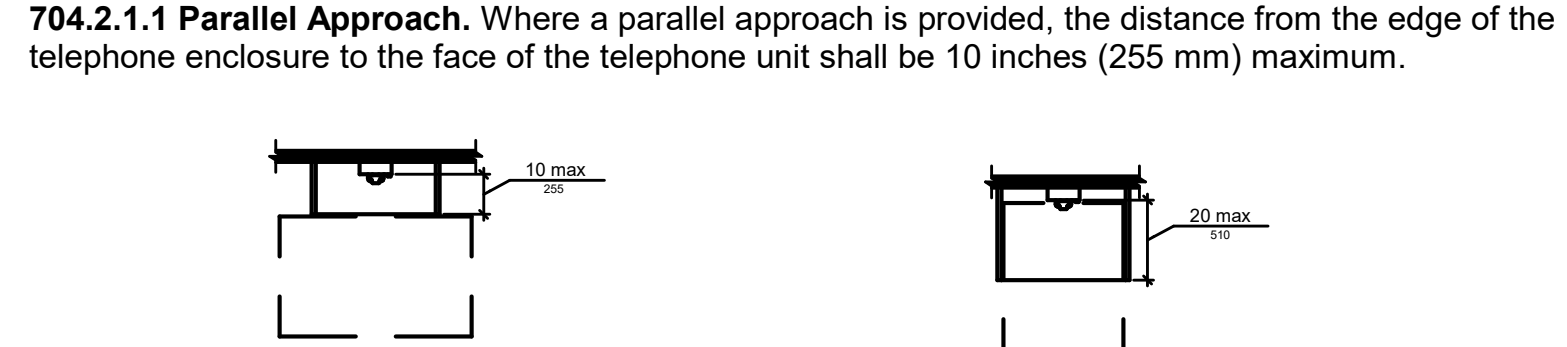


Figure 704.2.1.1 Parallel Approach to Telephone

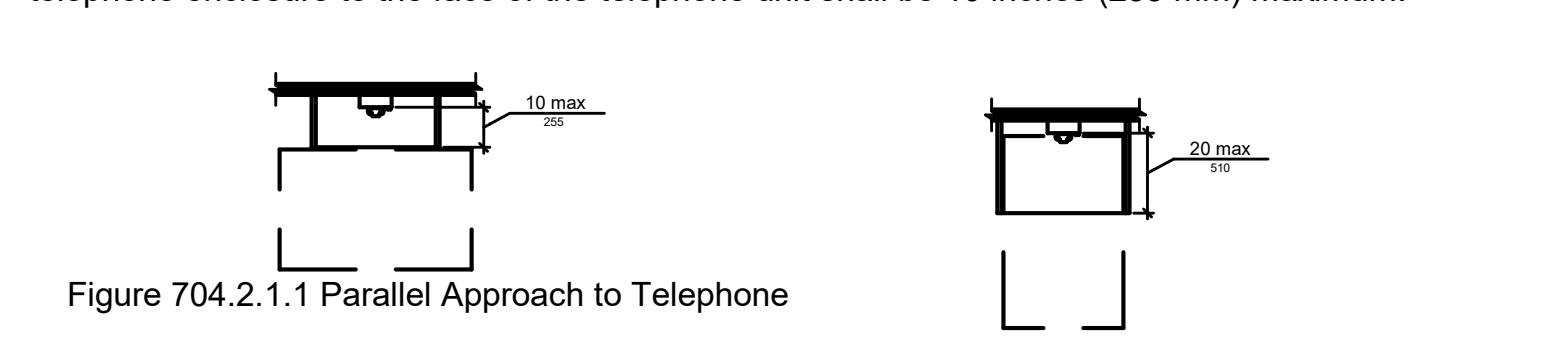


Figure 704.2.1.2 Forward Approach to Telephone

704.2.1.2 Forward Approach. Where a forward approach is provided, the distance from the front edge of a counter within the telephone enclosure to the face of the telephone unit shall be 20 inches (510 mm) maximum.

704.2.2 Operable Parts. Operable parts shall comply with 309. Telephones shall have push-button controls where such service is available.

704.2.3 Telephone Directories. Telephone directories, where provided, shall be located in accordance with 309.

704.2.4 Cord Length. The cord from the telephone to the handset shall be 29 inches (735 mm) long minimum.

704.2.5 Volume Control Telephones. Public telephones required to have volume controls shall be equipped with a receive volume control that provides a gain adjustable up to 20 dB minimum. For incremental volume control, provide at least one intermediate step of 12 dB of gain minimum. An automatic reset shall be provided.

704.4 TTYs. TTYs required at a public pay telephone shall be permanently affixed within, or adjacent to, the telephone enclosure. Where an acoustic coupler is used, the telephone cord shall be sufficiently long to allow connection of the TTY and the telephone receiver.

704.4.1 Height. When in use, the touch surface of TTY keypads shall be 34 inches (865 mm) minimum above the finish floor.

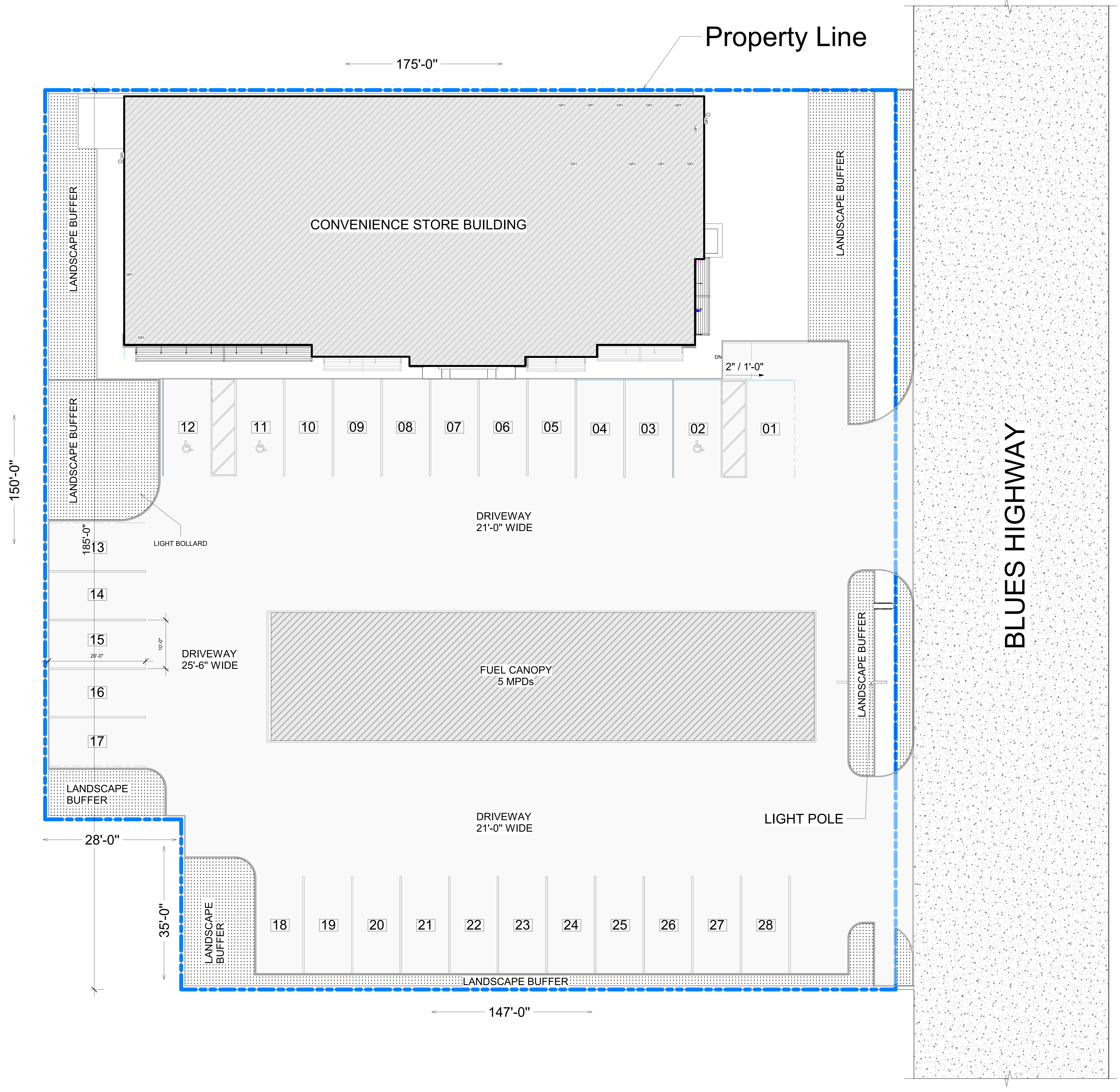
704.5 TTY Shelf. Public pay telephones required to accommodate portable TTYs shall be equipped with a shelf and an electrical outlet within or adjacent to the telephone enclosure. The telephone handset shall be capable of being placed flush on the surface of the shelf. The shelf shall be capable of accommodating a TTY and shall have 6 inches (150 mm) minimum vertical clearance above the area where the TTY is to be placed.

704.5.1 General. Detectable warnings shall consist of a surface of truncated domes and shall comply with 705

705 Detectable Warnings

LEGEND

	BUILDING
	FUEL CANOPY
	DRIVEWAY
	LANDSCAPE BUFFER
	HIGHWAY
	PROPERTY LINE



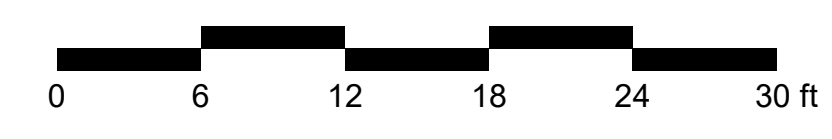
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is confidential and the intellectual property of AESON, P.L.L.C. for the project for which it was prepared. It is to be used only for the project for which it was prepared. No part of any information contained herein may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/8" = 1'-0"
Project Number:	Project Number
A2.0	
SITE PLAN	

22/09/2023 01:08:09

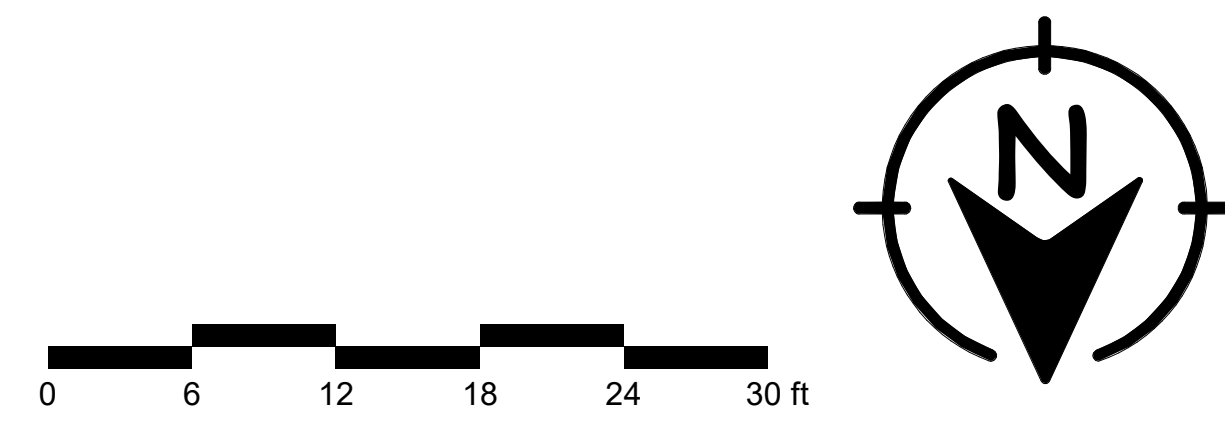
1 SITE PLAN
1/8" = 1'-0"



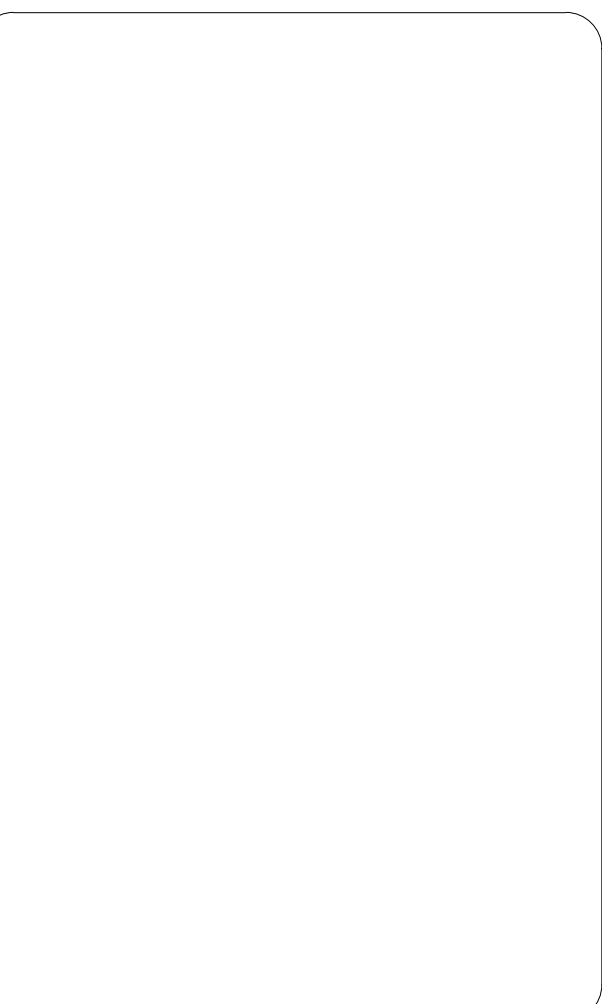
Area Schedule (Gross Building)		
Number	Name	Area
1	TOILETS	193 SF
2	COLD STORAGE AREA	819 SF
3	GROCERIES	3297 SF
4	DRY STORAGE	369 SF
5	OFFICE	151 SF
6	COFFEE	889 SF
7	KITCHEN	426 SF
Grand total		6143 SF



1 AREA SCHEDULE PLAN
1/8" = 1'-0"



REVISIONS	BY

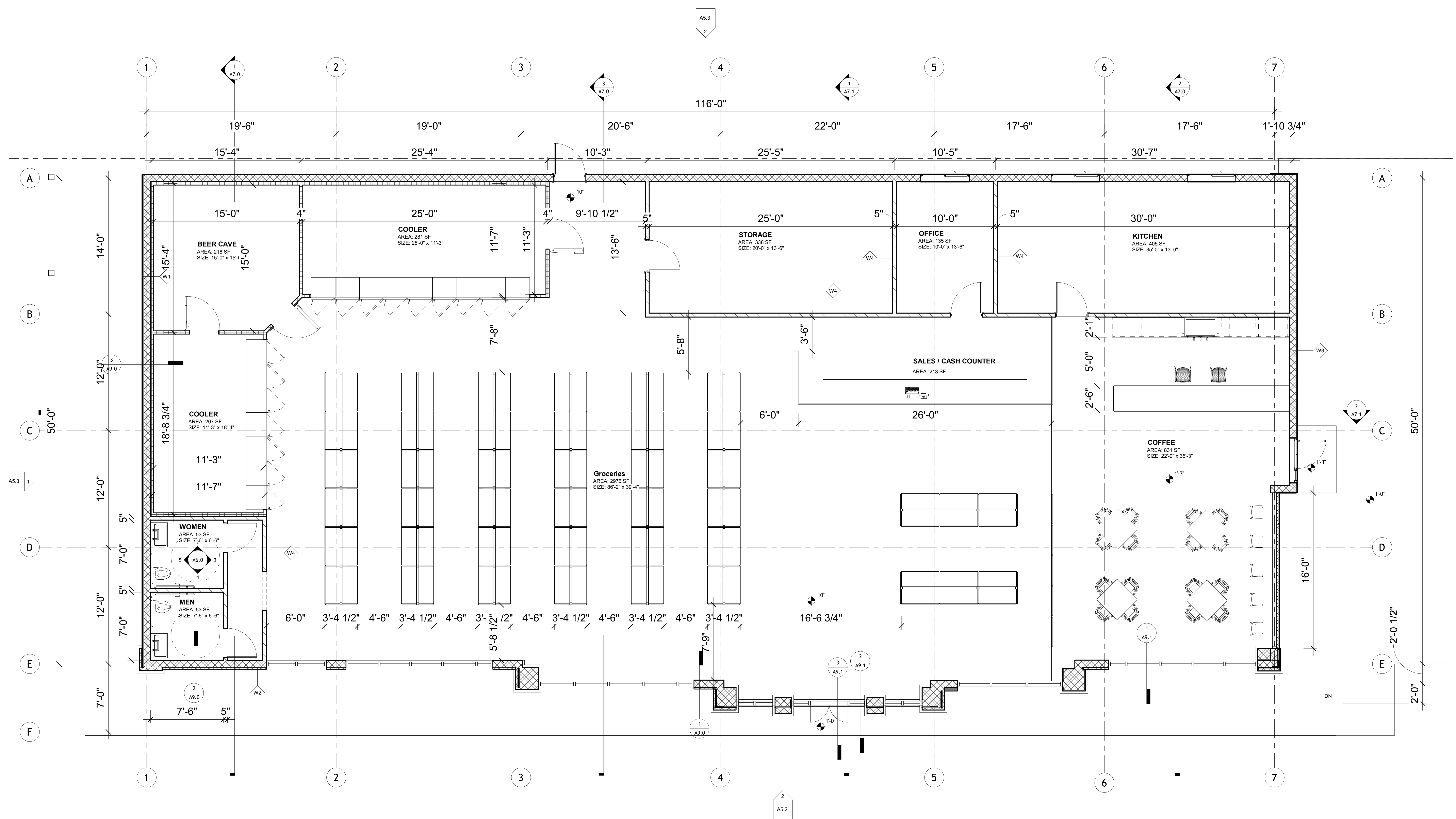


**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the ownership of drawings for the project for which it was prepared. This document is the property of AESON, P.L.L.C. and may not be used for any other project or used in any other project without the written permission of AESON, P.L.L.C. in a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

Drawn By: SA
Checked By: SM
DATE: 03/13/23
SCALE: 1/8" = 1'-0"
Project Number: Project Number
A2.1
AREA PLANS

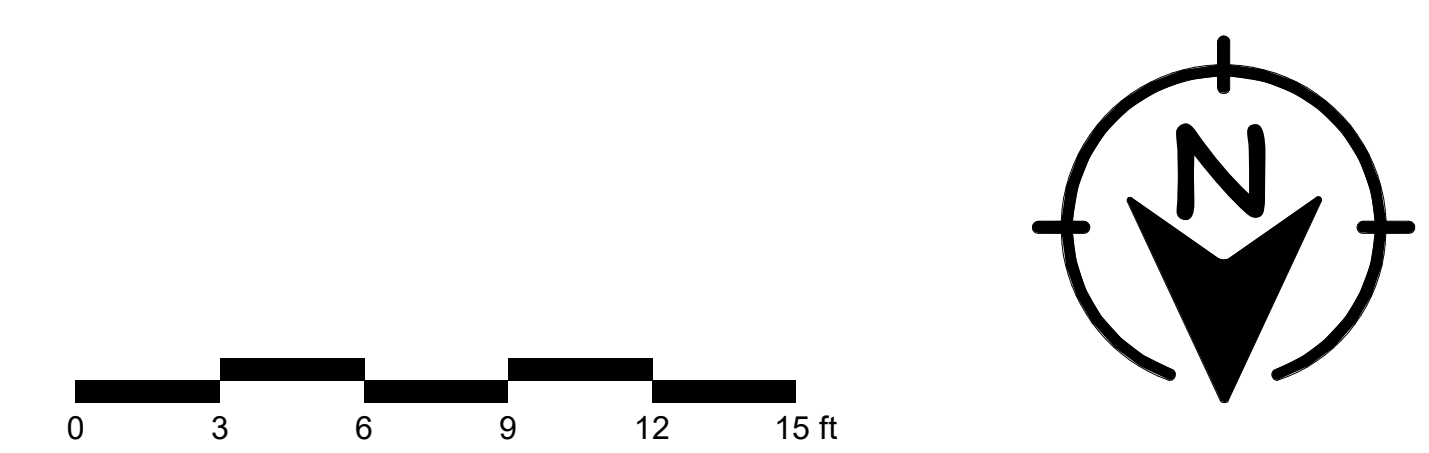
REVISIONS	BY



1 1ST FLOOR PLAN
1/4" = 1'-0"

WALL TYPE LEGEND

	EXTERIOR 6" CMU STONE WALL
	INTERIOR 5" CMU WALL
	INTERIOR 4" COOLER WALL
	BRICK CLADDING



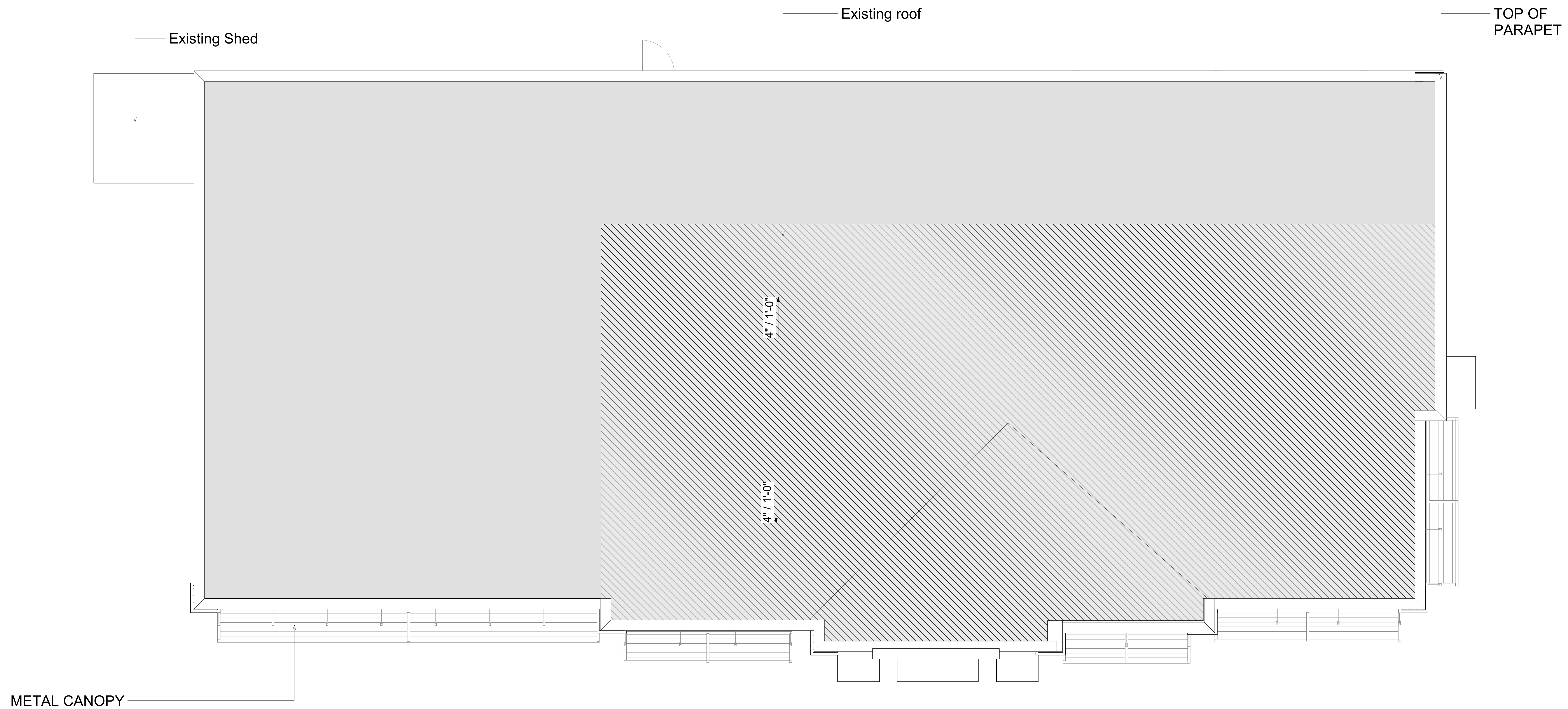
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the transmission of this document for the project for which it was prepared, is the sole responsibility of the provider of this document. No part of any copy or any reproduction of this document may be used for any other project without the written permission of AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	As indicated
Project Number:	Project Number
A3.0	PROPOSED FLOOR PLAN

22/09/2023 01:08:28

REVISIONS	BY

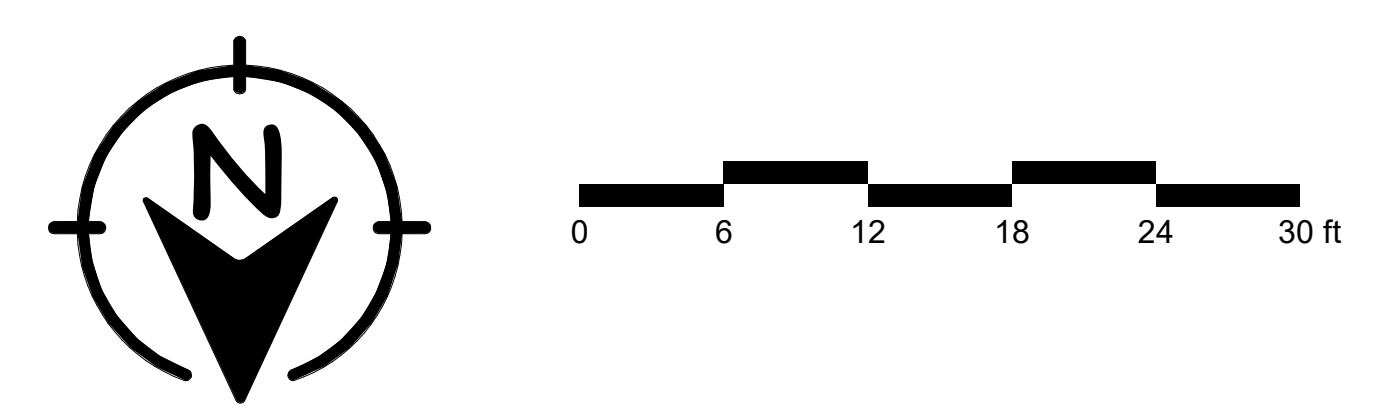


1 ROOF PLAN
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and all other rights reserved for the project for which it was prepared. This document is the property of AESON, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

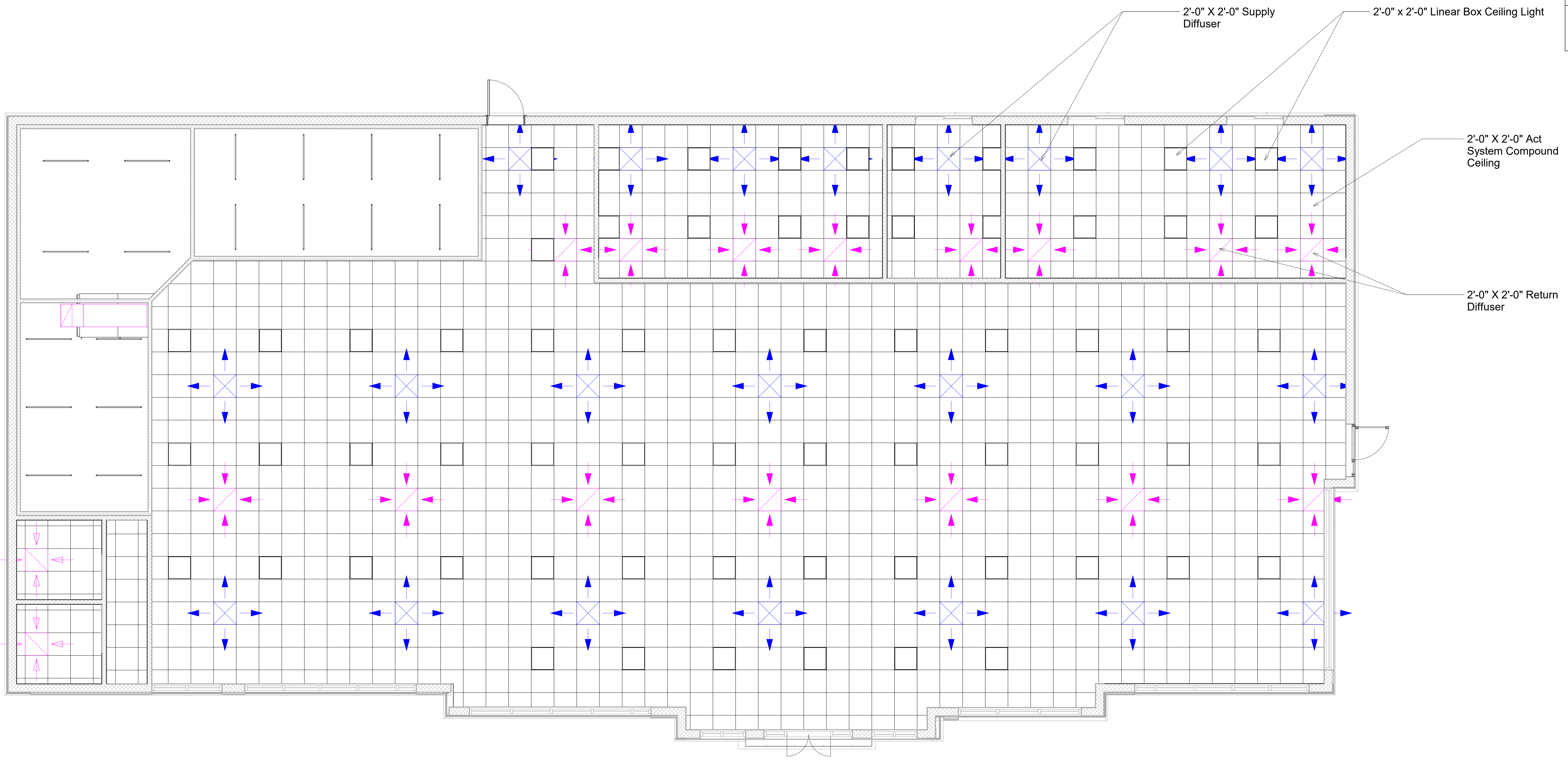
Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:
1/4" = 1'-0"
Project Number:
Project Number



A3.1
PROPOSED ROOF
PLAN

REVISIONS	BY

HVAC SYMBOLS	
	CEILING RETURN DIFFUSER
	CEILING SUPPLY DIFFUSER
	BALANCING DAMPER
	SUPPLY DUCT
	RETURN DUCT
	FLEX DUCT



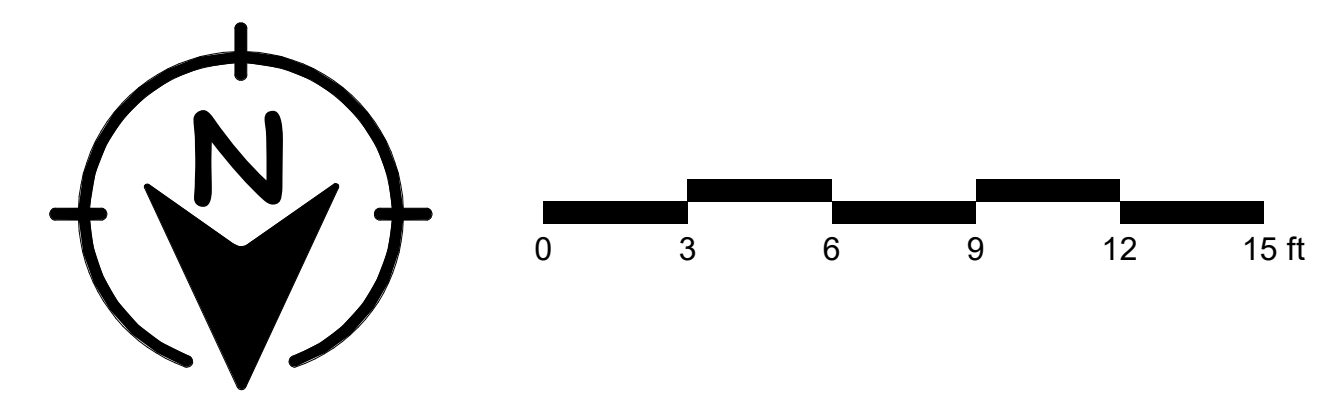
1 CEILING PLAN
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the reproduction of any part of this document for any purpose without the written permission of AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:
1/4" = 1'-0"
Project Number:
Project Number

A4.0
REFLECTED CEILING
PLAN



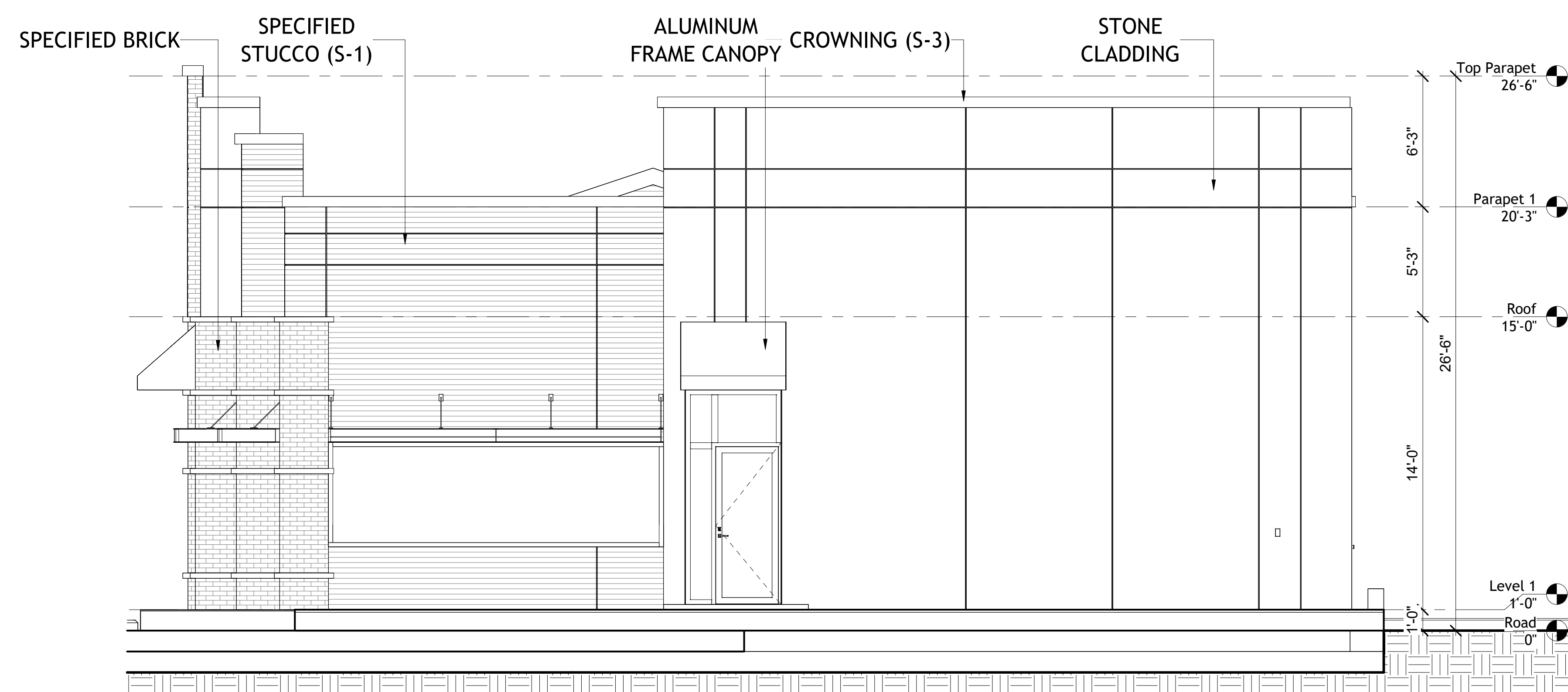
22/09/2023 01:08:30

REVISIONS	BY

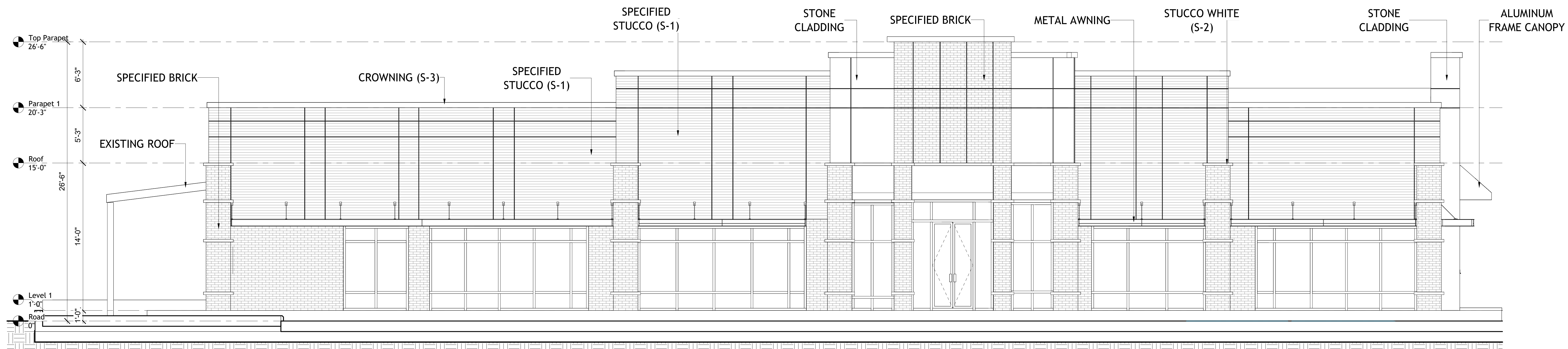
WEST ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	260 S.F.
S-2	STUCCO-WHITE	7 S.F.
S-3	STUCCO-DARK	30 S.F.
ST-1	STONE CLADDING	790 S.F.
BR-1	BRICK	102 S.F.
SG	STOREFRONT GLAZING	73 S.F.

NORTH ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	1153 S.F.
S-2	STUCCO-WHITE	21 S.F.
S-3	STUCCO-DARK	61 S.F.
ST-1	STONE CLADDING	170 S.F.
BR-1	BRICK	527 S.F.
SG	STOREFRONT GLAZING	671 S.F.

MATERIALS SCHEDULE		
NO.	MATERIAL	MANUF. COLOR
S-1	STUCCO-GREY	#MS-82 Cobblestone Grey
S-2	STUCCO-WHITE	#BX-50 Stucco White
S-3	STUCCO-DARK	#ECC-10-2 Jet Black Flat
ST-1	STONE CLADDING	Eldorado Stone Country Rubble - Cognac
BR-1	BRICK	542504 ACME BRICK



2 WEST ELEVATION
1/4" = 1'-0"



3 NORTH ELEVATION
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the reproduction of any part of it for any purpose other than that for which it was prepared is prohibited. The reproduction of any part of it for any other project or use without the express written permission of AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

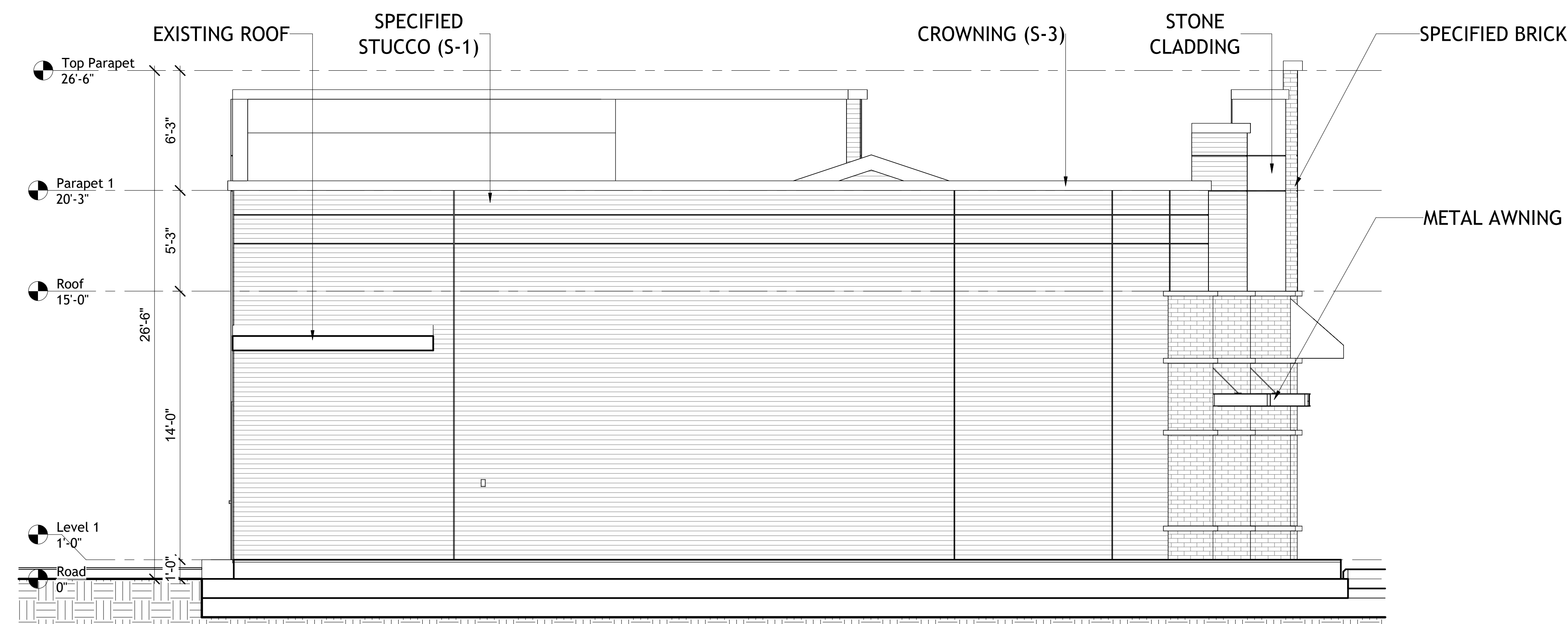
Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number
A5.0	
ELEVATIONS (WEST & NORTH)	

REVISIONS	BY

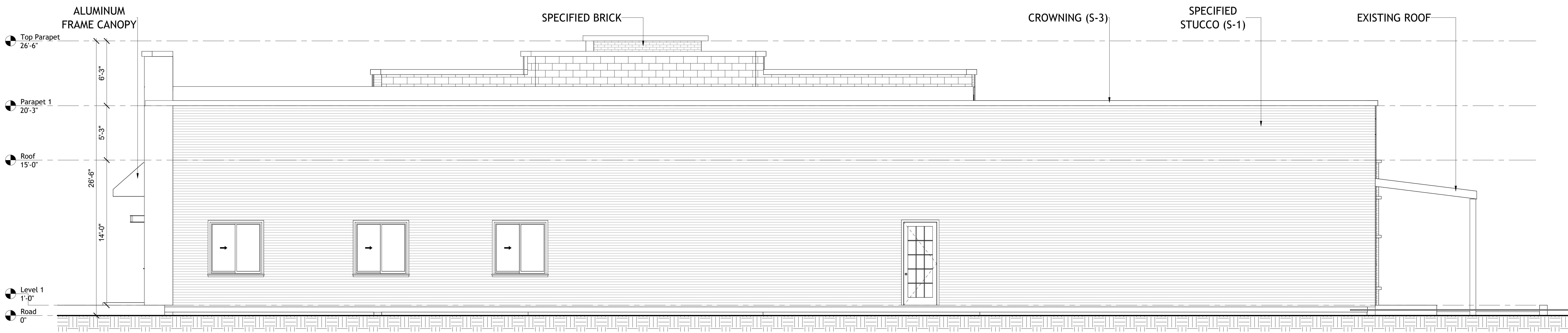
EAST ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	960 S.F.
S-2	STUCCO-WHITE	9 S.F.
S-3	STUCCO-DARK	46 S.F.
ST-1	STONE CLADDING	29 S.F.
BR-1	BRICK	102 S.F.

SOUTH ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	2265 S.F.
S-3	STUCCO-DARK	83 S.F.

MATERIALS SCHEDULE		
NO.	MATERIAL	MANUF. COLOR
S-1	STUCCO-GREY	#MS-82 Cobblestone Grey
S-2	STUCCO-WHITE	#BXC-50 Stucco White
S-3	STUCCO-DARK	#ECC-10-2 Jet Black Flat
ST-1	STONE CLADDING	Eldorado Stone Country Rubble - Cognac
BR-1	BRICK	542504 ACME BRICK



1 EAST ELEVATION
1/4" = 1'-0"



2 SOUTH ELEVATION
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the instrument of service for the project for which it was prepared. The document is the property of AESON, P.L.L.C. and shall remain the property of AESON, P.L.L.C. in all circumstances. No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. in a resolution of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

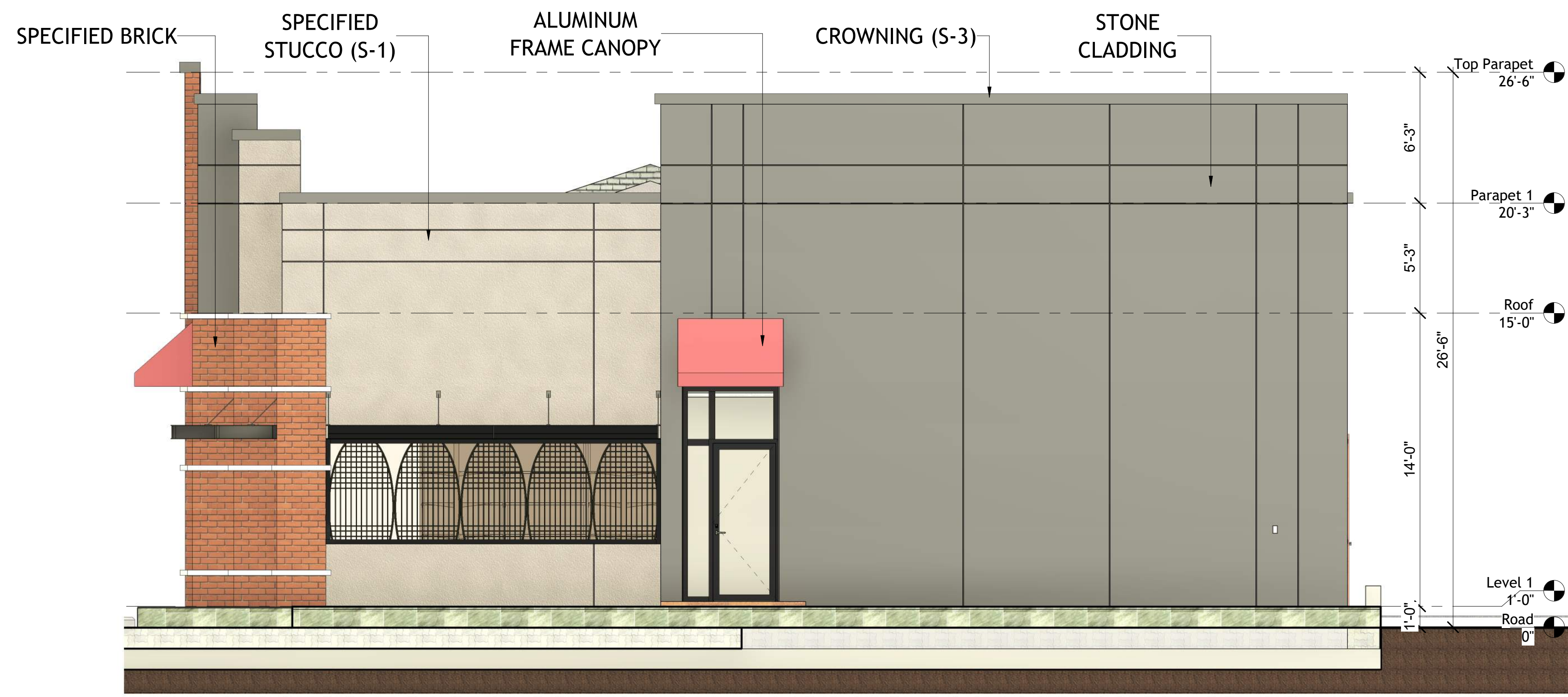
Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number
A5.1	
ELEVATIONS (EAST & SOUTH)	

REVISIONS	BY

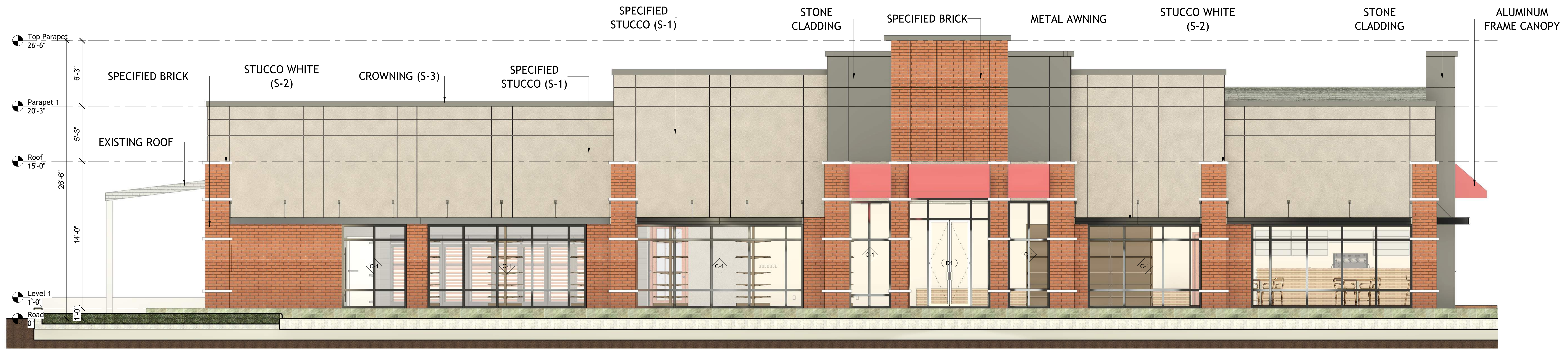
WEST ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	260 S.F.
S-2	STUCCO-WHITE	7 S.F.
S-3	STUCCO-DARK	30 S.F.
ST-1	STONE CLADDING	790 S.F.
BR-1	BRICK	102 S.F.
SG	STOREFRONT GLAZING	73 S.F.

NORTH ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	1153 S.F.
S-2	STUCCO-WHITE	21 S.F.
S-3	STUCCO-DARK	61 S.F.
ST-1	STONE CLADDING	170 S.F.
BR-1	BRICK	527 S.F.
SG	STOREFRONT GLAZING	671 S.F.

MATERIALS SCHEDULE		
NO.	MATERIAL	MANUF. COLOR
S-1	STUCCO-GREY	#MS-82 Cobblestone Grey
S-2	STUCCO-WHITE	#BXC-50 Stucco White
S-3	STUCCO-DARK	#ECC-10-2 Jet Black Flat
ST-1	STONE CLADDING	Eldorado Stone Country Rubble - Cognac
BR-1	BRICK	S42504 ACME BRICK



1 WEST ELEVATION_2
1/4" = 1'-0"



2 NORTH ELEVATION_2
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the ownership of all rights for the project for which it was prepared. The documents in this manual shall not be used for any other project without the written permission of AESON, P.L.L.C. Any reuse, including copying and/or posting this document, without written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action/penalties.

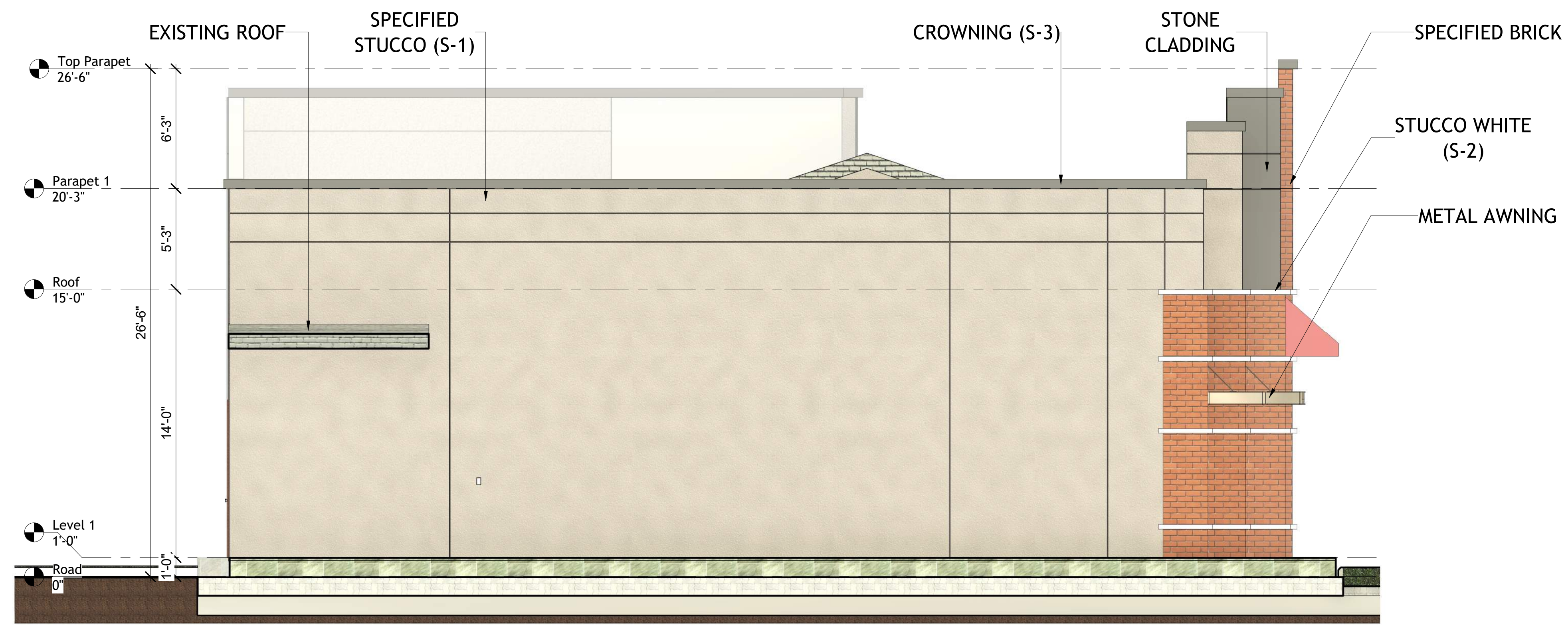
Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number
A5.2	
ELEVATIONS (WEST & NORTH)	

REVISIONS	BY

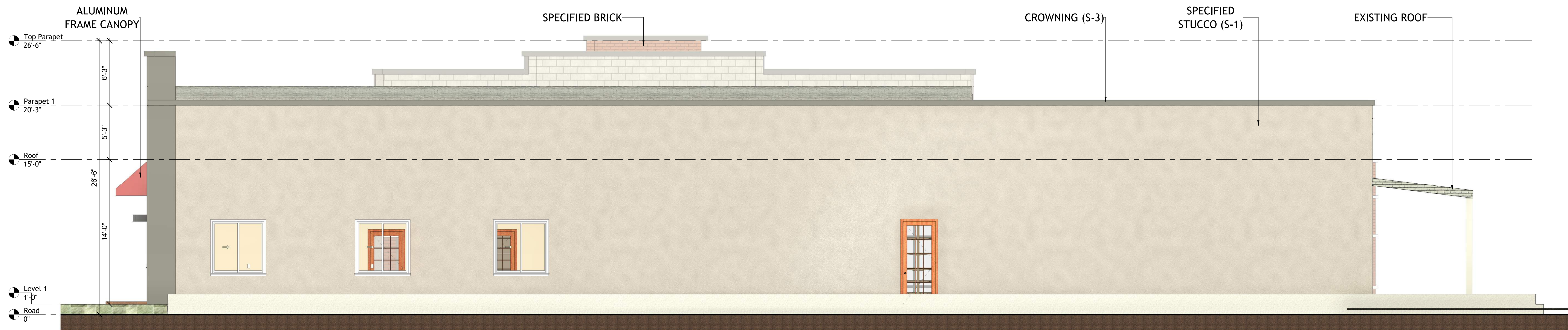
EAST ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	960 S.F.
S-2	STUCCO-WHITE	9 S.F.
S-3	STUCCO-DARK	46 S.F.
ST-1	STONE CLADDING	29 S.F.
BR-1	BRICK	102 S.F.

SOUTH ELEVATION CALCULATIONS		
NO.	MATERIAL	AREA - (S.F.)
S-1	STUCCO-GREY	2265 S.F.
S-3	STUCCO-DARK	83 S.F.

MATERIALS SCHEDULE		
NO.	MATERIAL	MANUF. COLOR
S-1	STUCCO-GREY	#MS-82 Cobblestone Grey
S-2	STUCCO-WHITE	#BXC-50 Stucco White
S-3	STUCCO-DARK	#ECC-10-2 Jet Black Flat
ST-1	STONE CLADDING	Eldorado Stone Country Rubble - Cognac
BR-1	BRICK	542504 ACME BRICK



1 EAST ELEVATION_2
1/4" = 1'-0"



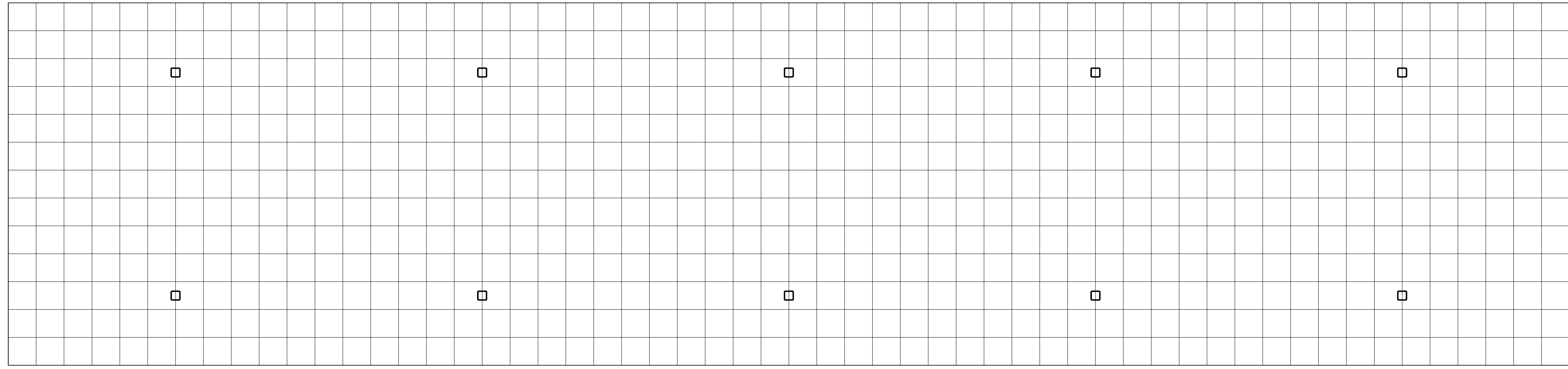
2 SOUTH ELEVATION_2
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

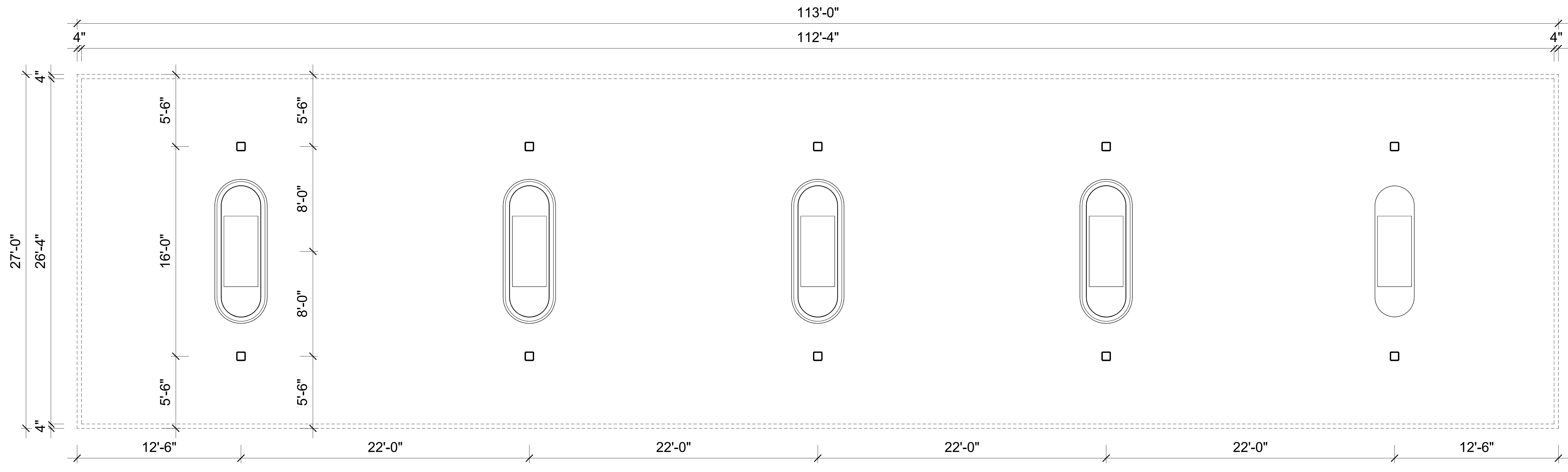
This document, whether in hard copy or machine readable format, is copyrighted and the preparation of drawings for the project for which it was prepared. The drawings are the property of the architect and shall not be used for any other project without the written consent of the architect. Any reuse, including copying and posting this document without written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number
A5.3	
ELEVATIONS (EAST & SOUTH)	

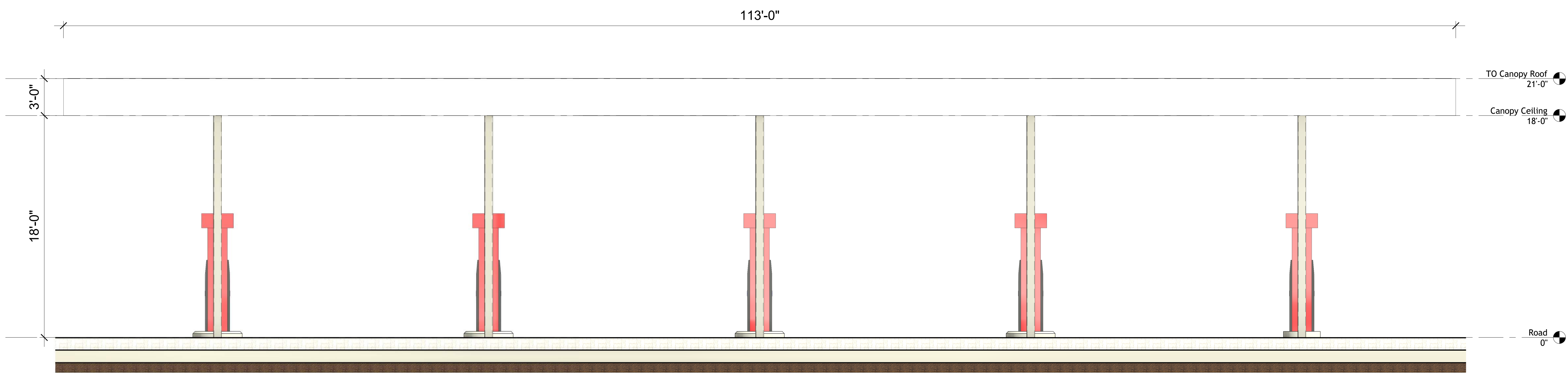
REVISIONS	BY



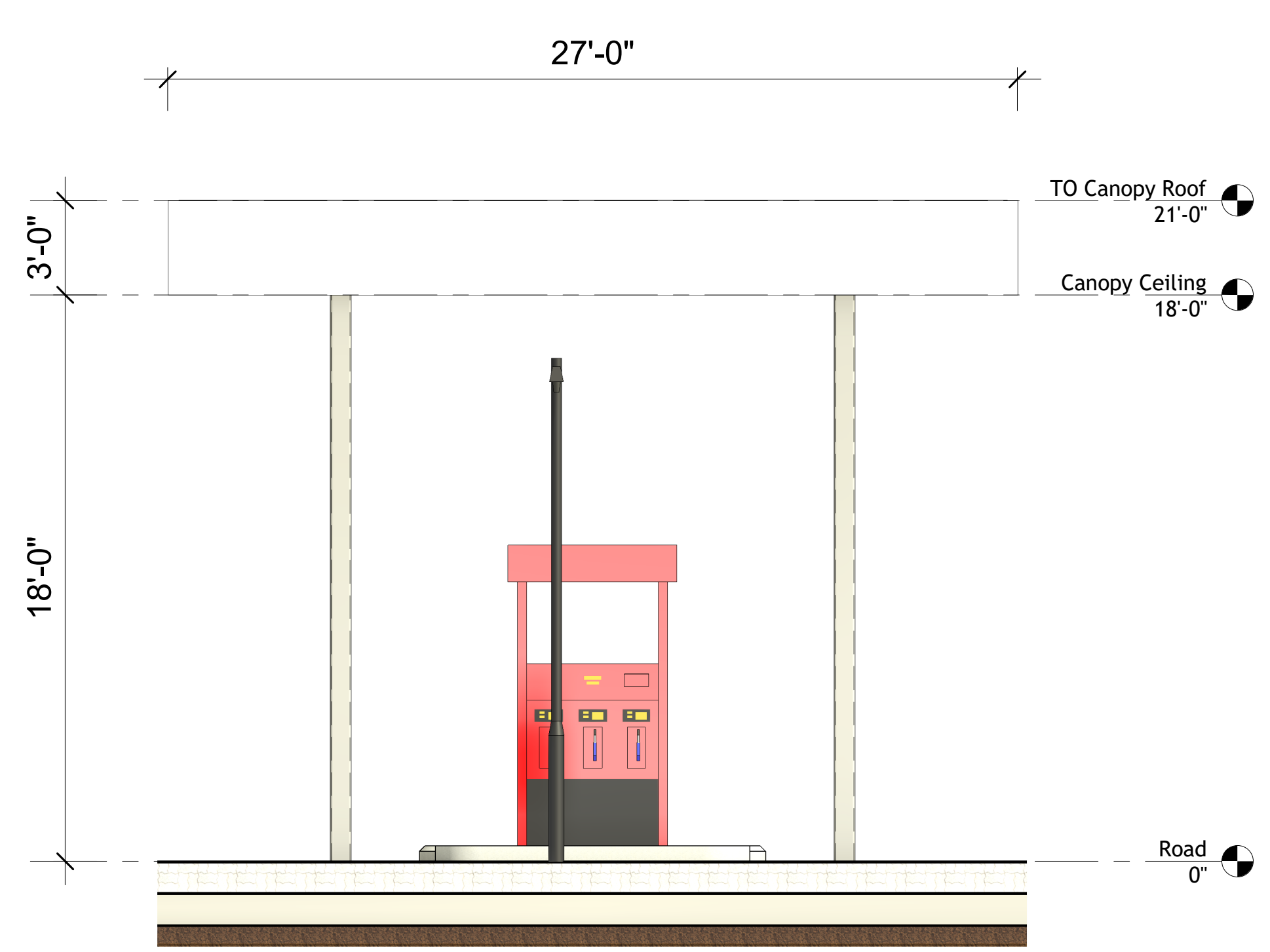
3 CEILING PLAN - GAS CANOPY
1/4" = 1'-0"



4 1ST FLOOR PLAN
1/4" = 1'-0"



2 GAS CANOPY LEFT ELEVATION
1/4" = 1'-0"



1 GAS CANOPY FRONT ELEVATION
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

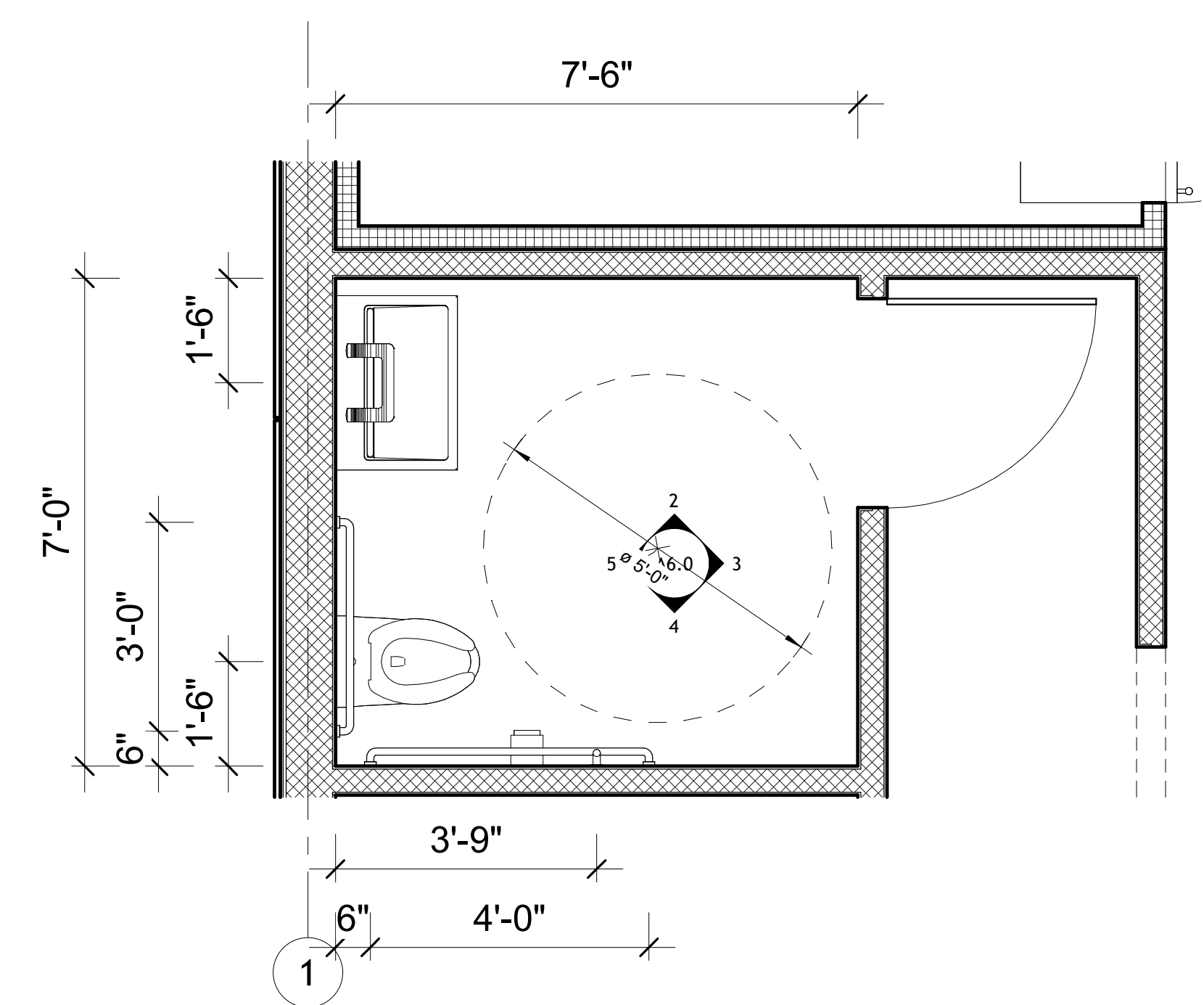
This document, whether in hard copy or machine readable format, is copyrighted and the transmission of this document for the project for which it was prepared. This document is the property of AESCAN, P.L.L.C. and may not be used in any way for any extension of this project or use on any other project. Any reuse, including copying and/or posting this document, without written permission from AESCAN, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	21/09/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number

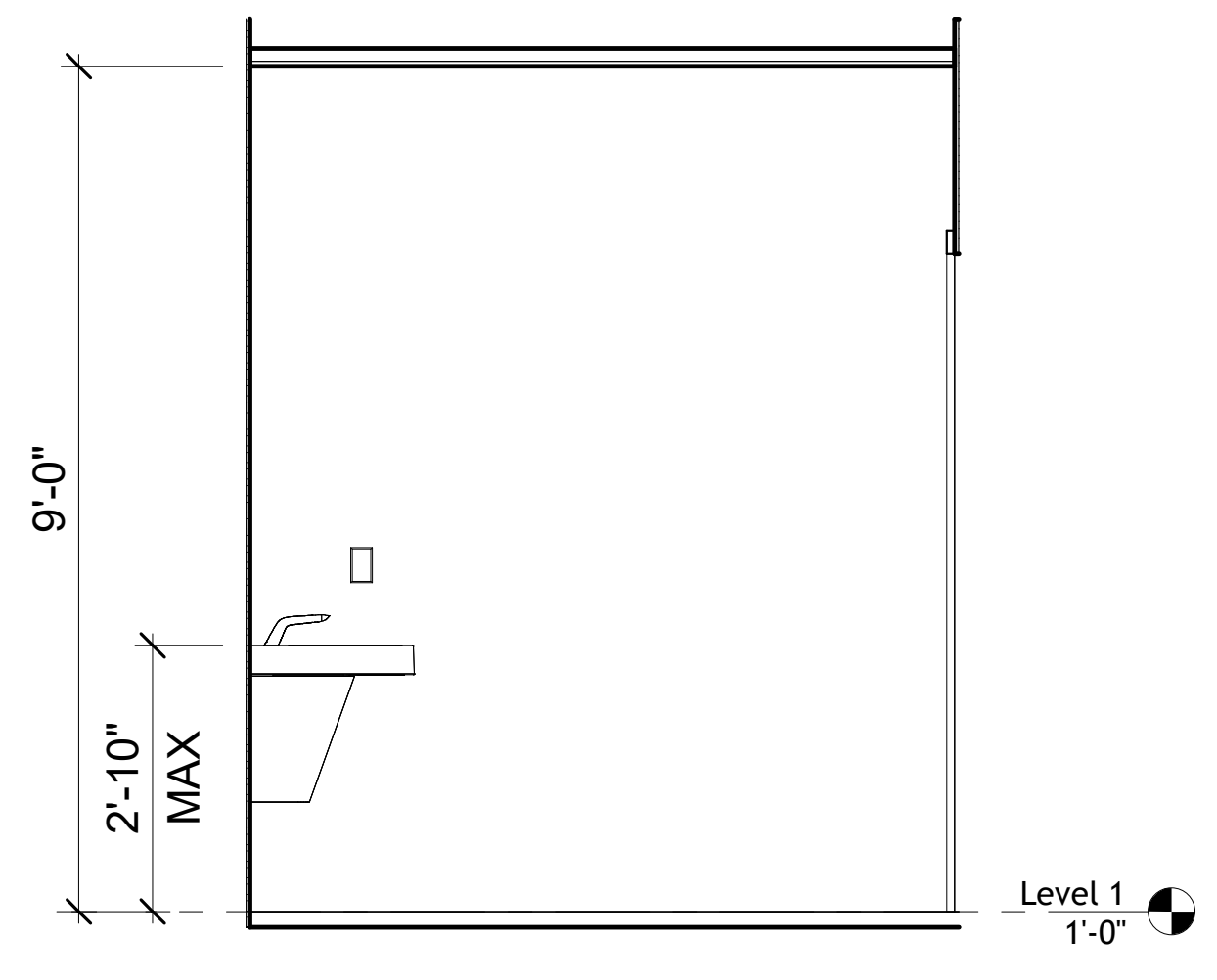
A5.4
ELEVATIONS
PROPOSED FUEL
CANOPY

22/09/2023 01:08:14

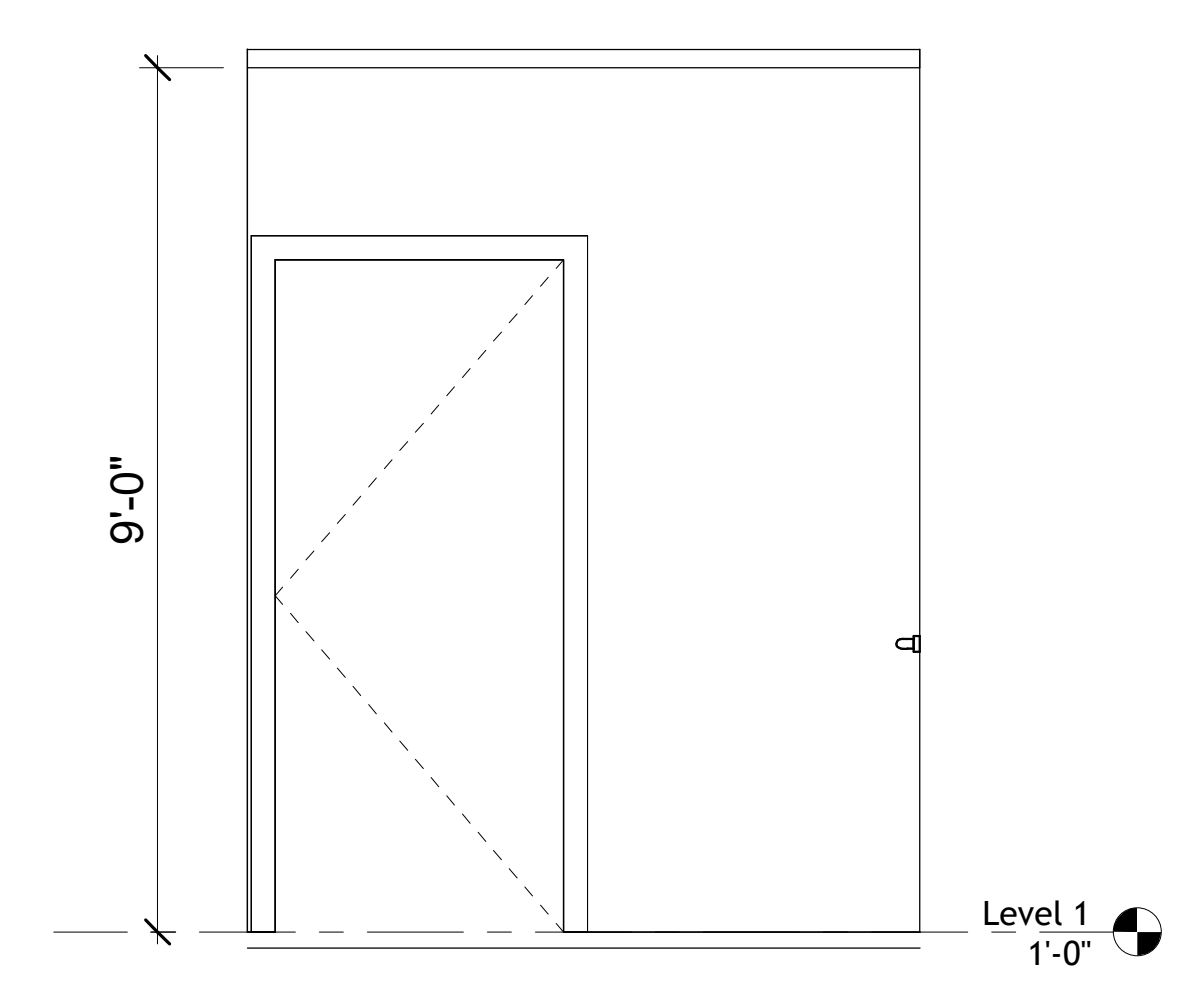
REVISIONS	BY



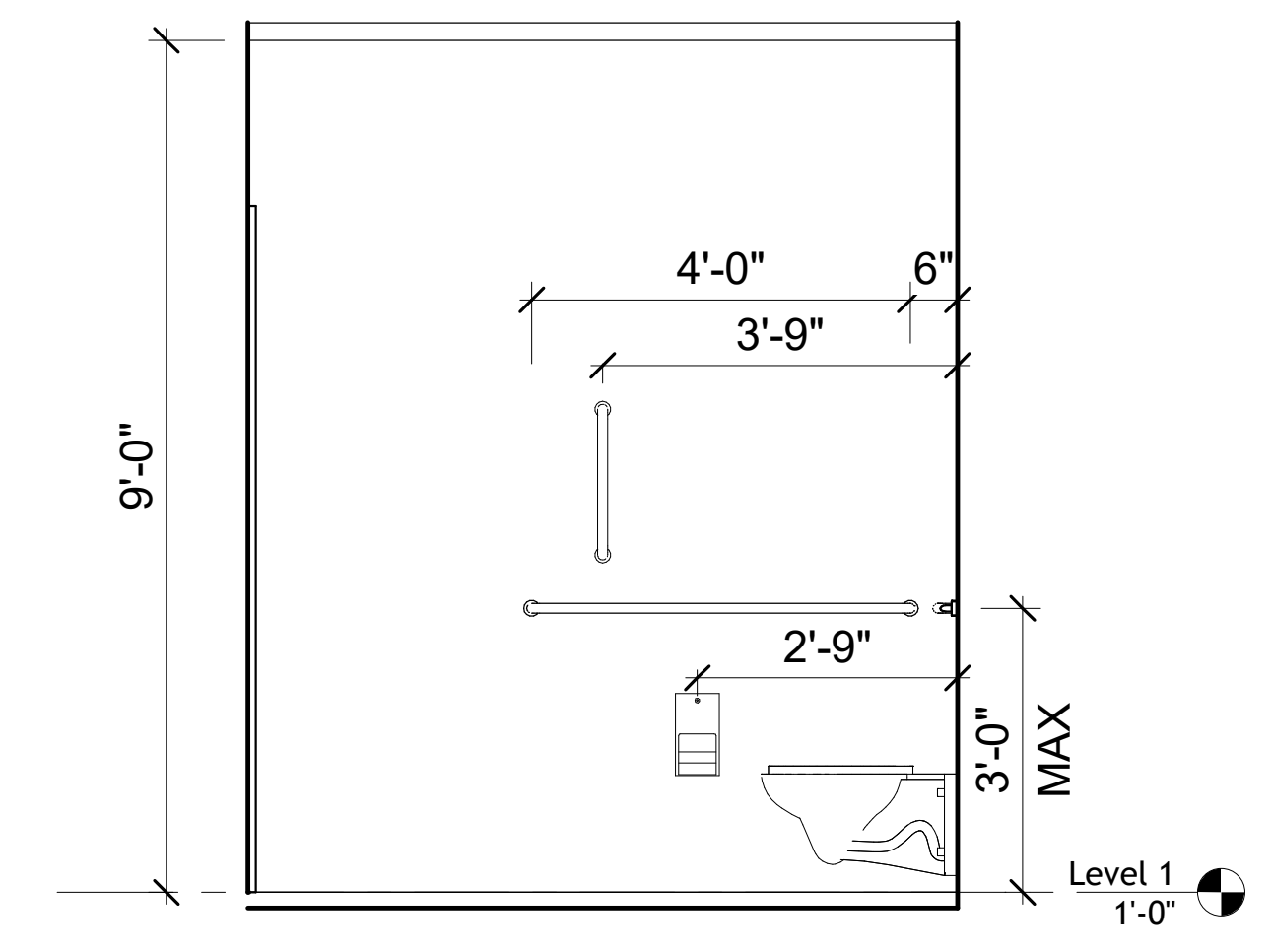
1 TOILETS & DETAILS
1/2" = 1'-0"



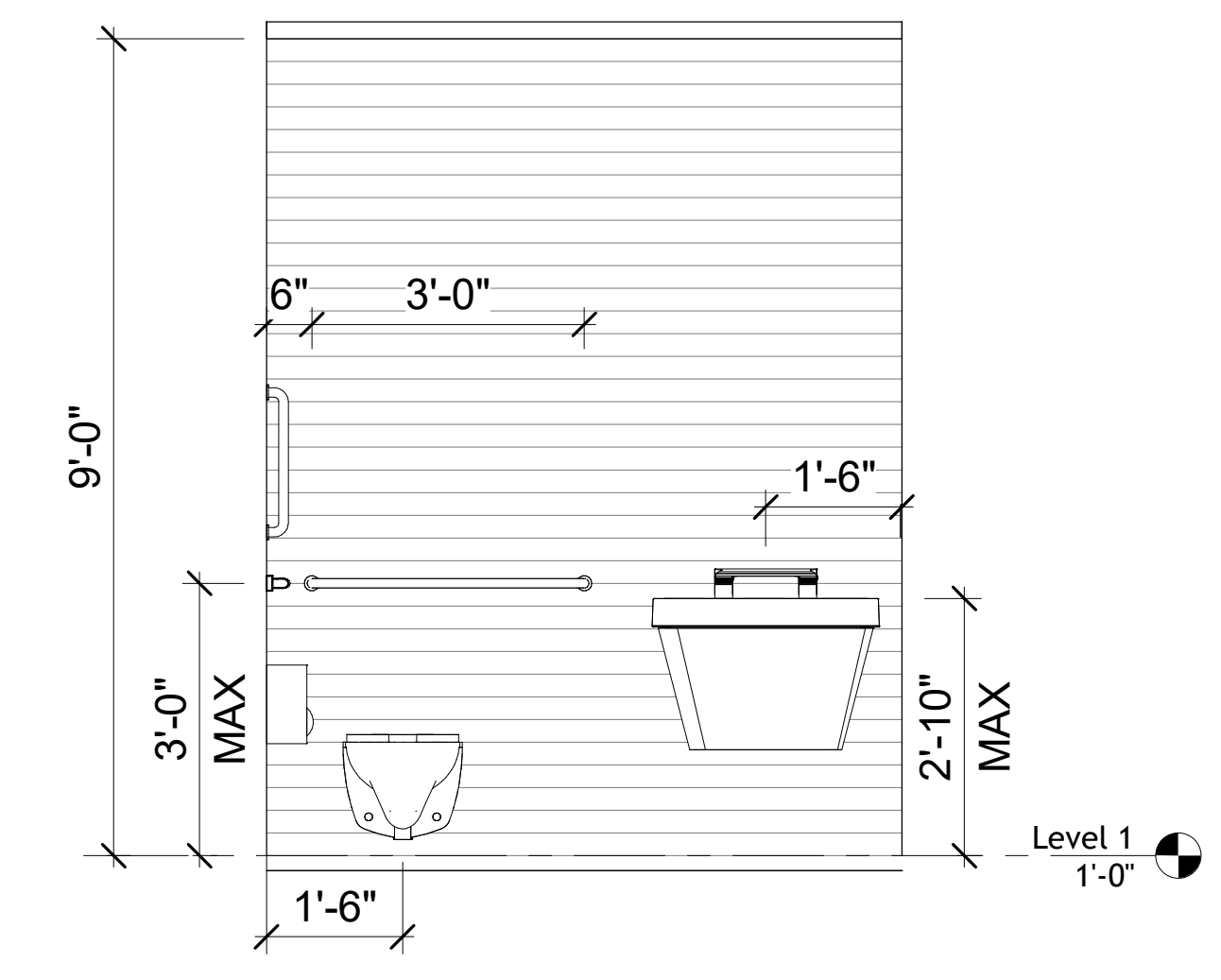
2 Elevation 1 - a
1/2" = 1'-0"



3 Elevation 1 - b
1/2" = 1'-0"



4 Elevation 1 - c
1/2" = 1'-0"



5 Elevation 1 - d
1/2" = 1'-0"

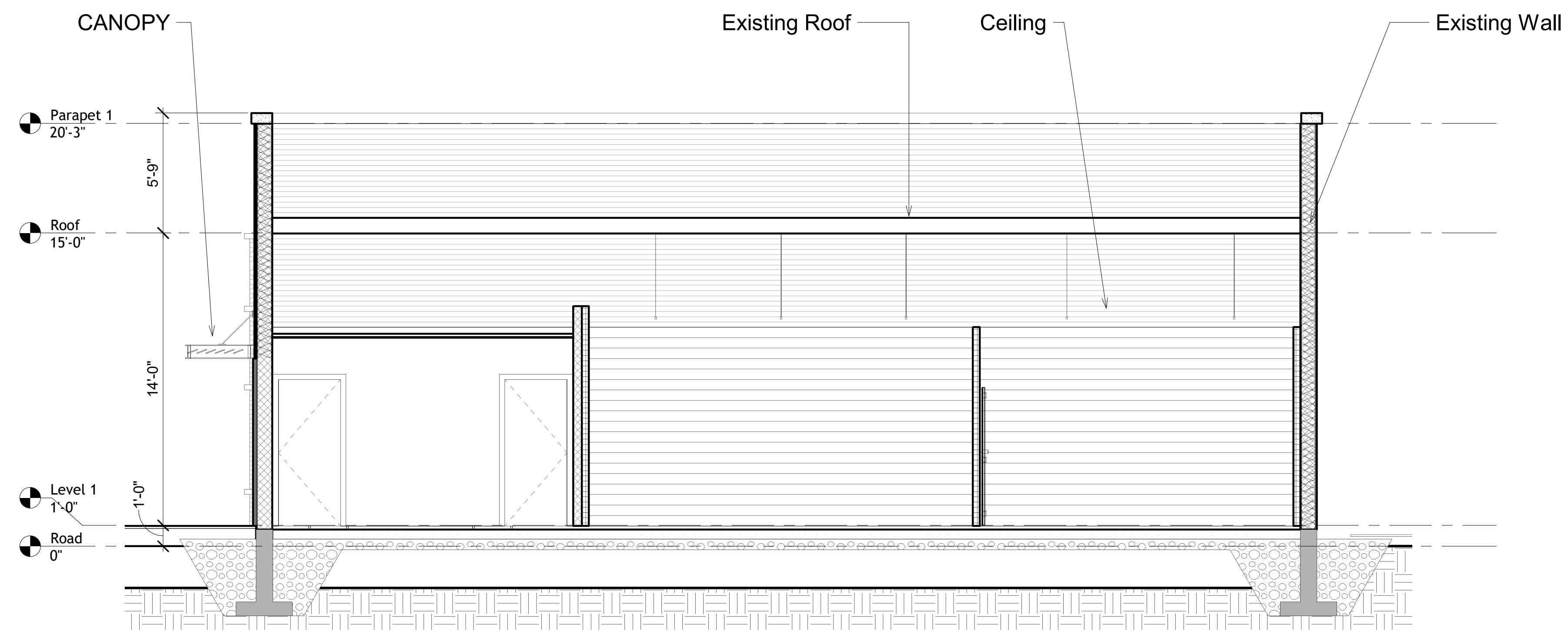
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the transmission of this document for the project for which it was prepared. This document is the property of AESON, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action/penalties.

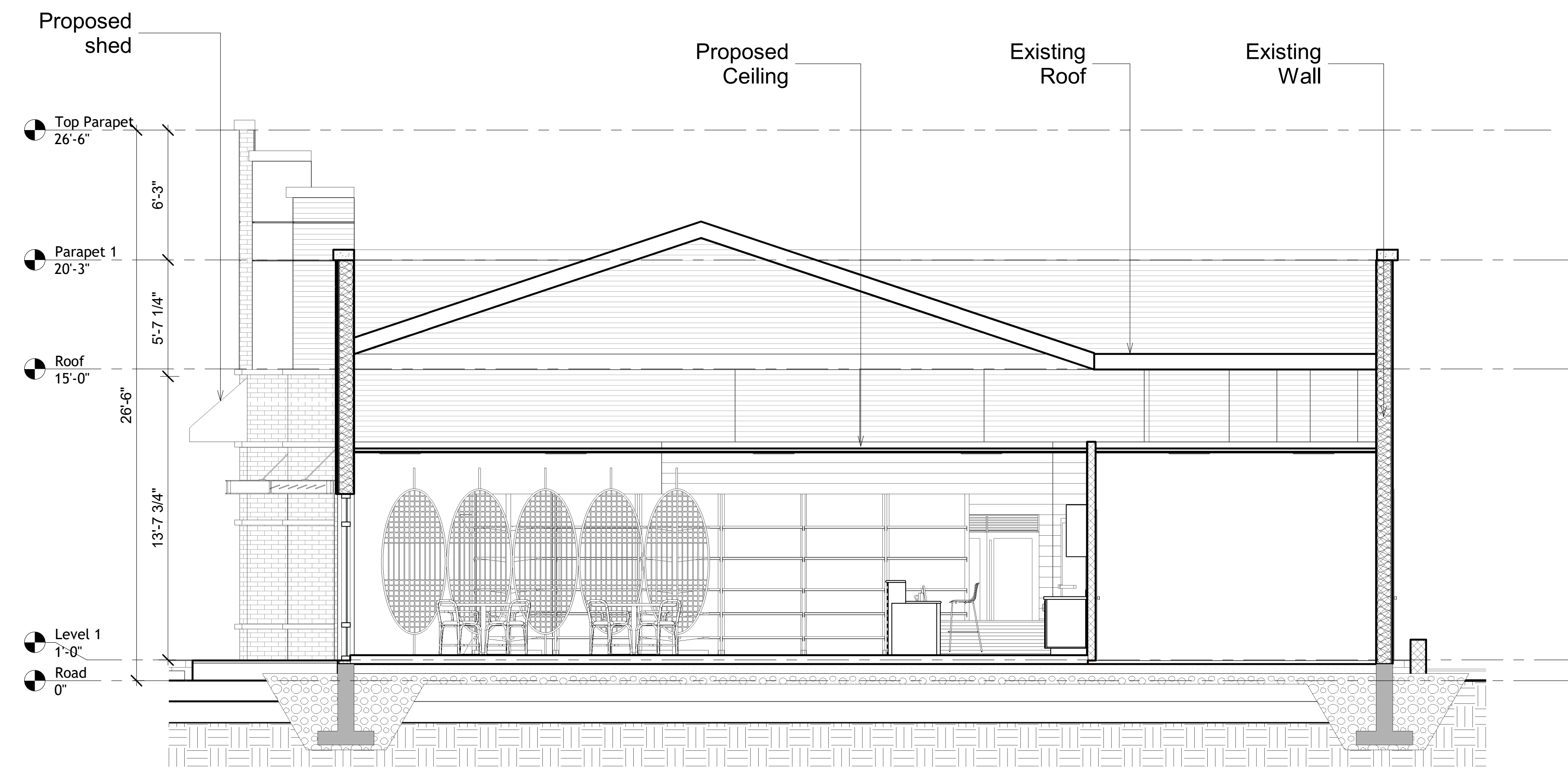
Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/2" = 1'-0"
Project Number:	Project Number

A6.0
ADA TOILET LAYOUT & ELEVATIONS

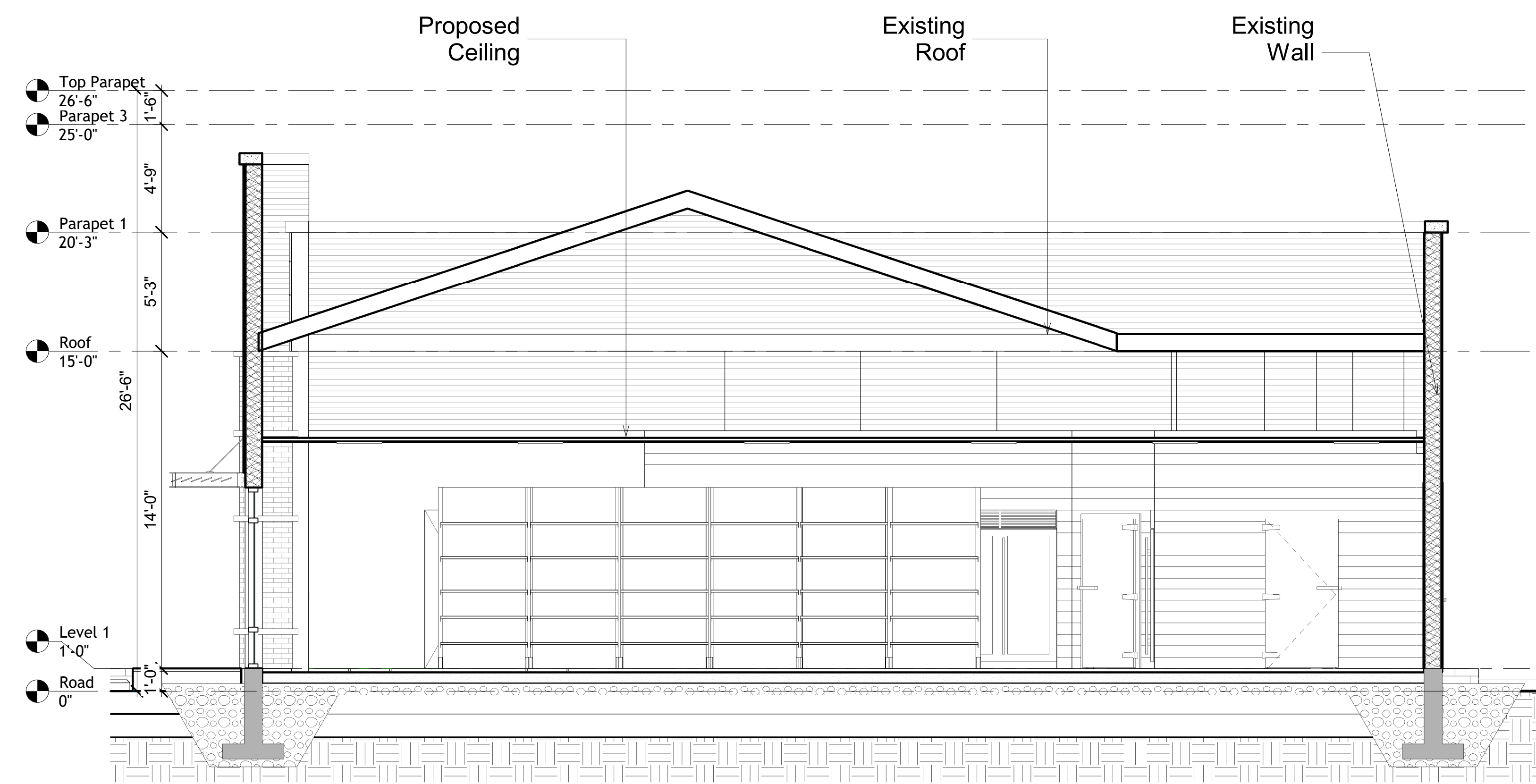
REVISIONS	BY



1 SECTION 01
1/4" = 1'-0"



2 SECTION 02
1/4" = 1'-0"



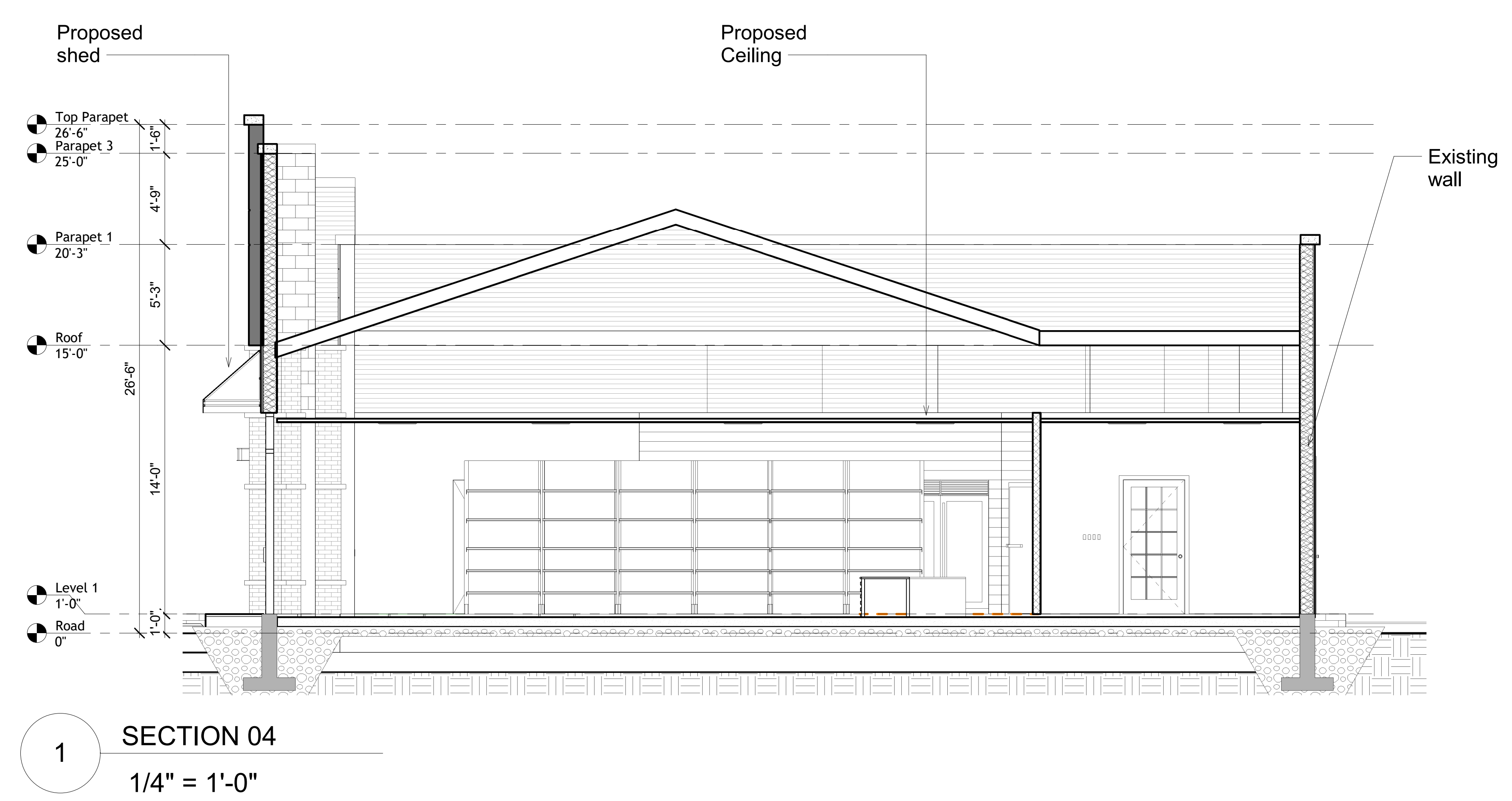
3 SECTION 03
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

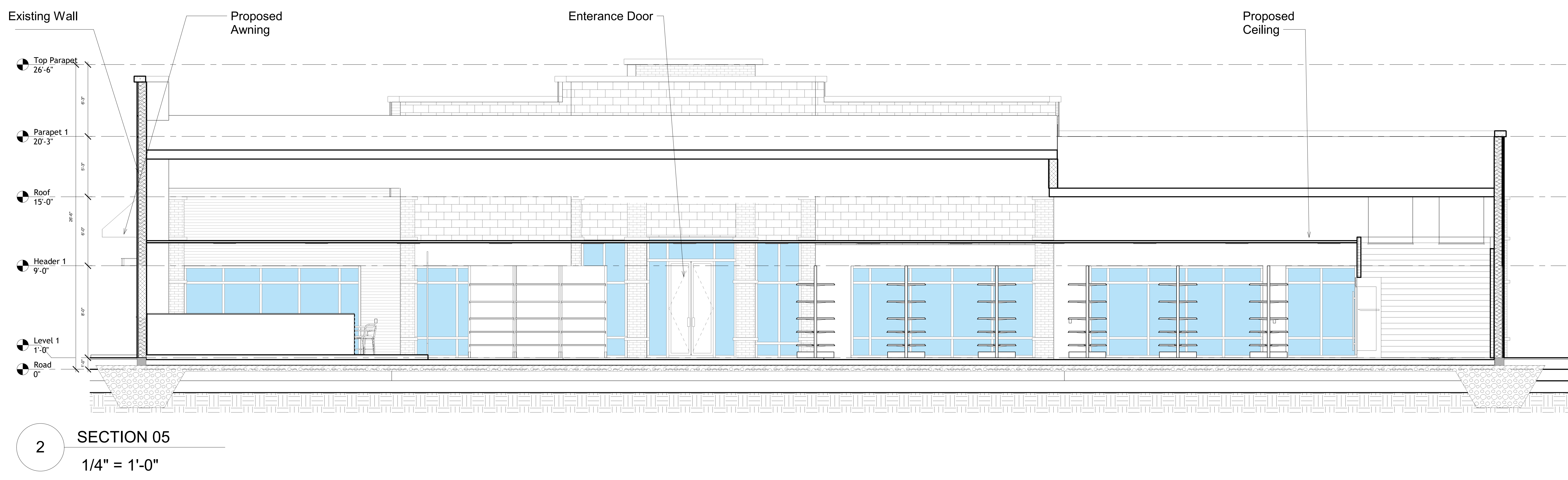
This document, whether in hard copy or machine readable format, is copyrighted and the ownership of drawings for the project for which it was prepared. This document is the property of AESON, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number
A7.0	SECTIONS

REVISIONS	BY



1 SECTION 04
1/4" = 1'-0"



2 SECTION 05
1/4" = 1'-0"

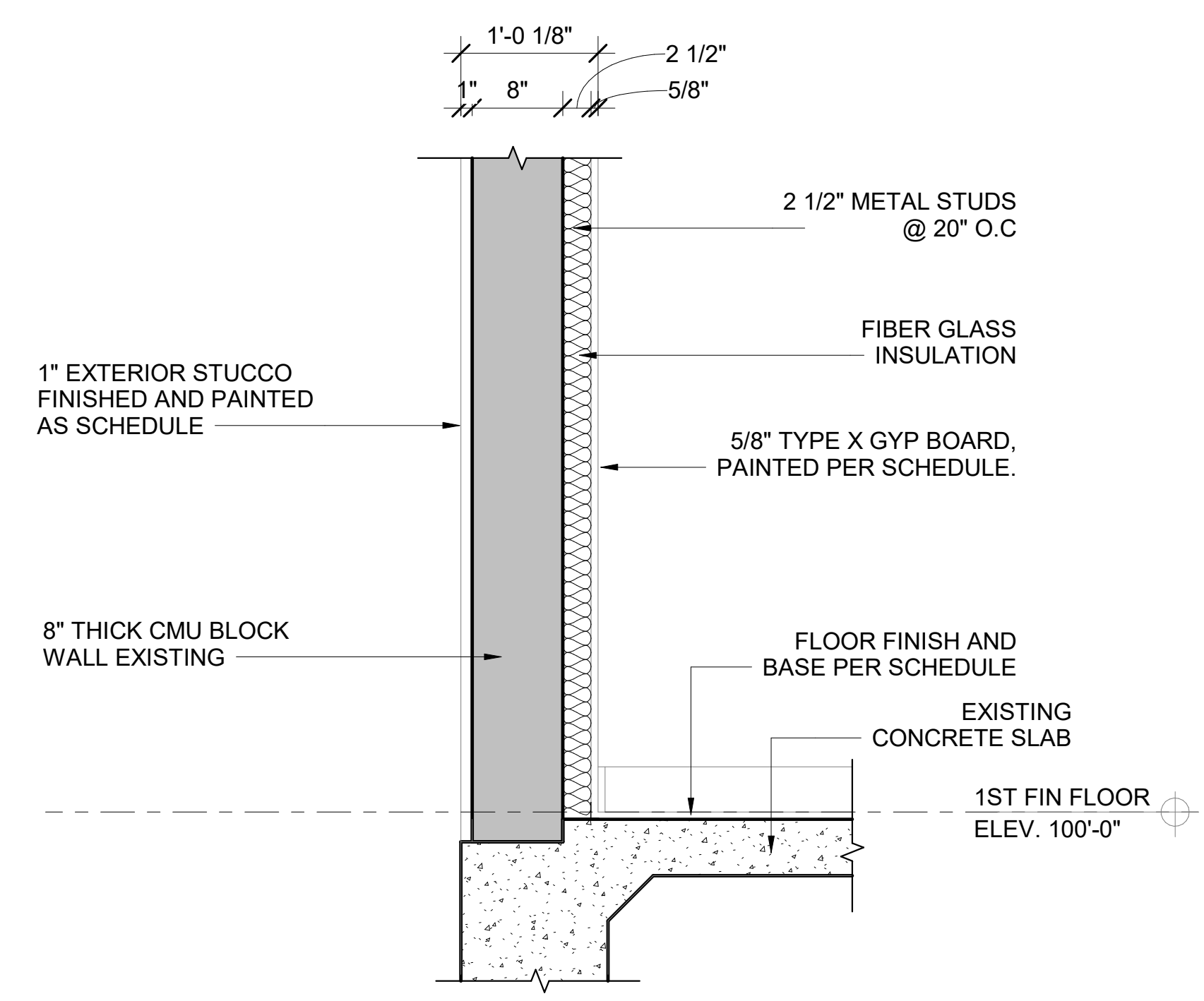
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the ownership of drawings for the project for which it was prepared. The drawings are the property of AESON, P.L.L.C. and may not be used in any form or by any means without the written permission of AESON, P.L.L.C. Any reuse, including copying and posting the document, without written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unlawful use of the document may result in civil and/or criminal action.

Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:
1/4" = 1'-0"
Project Number:
Project Number

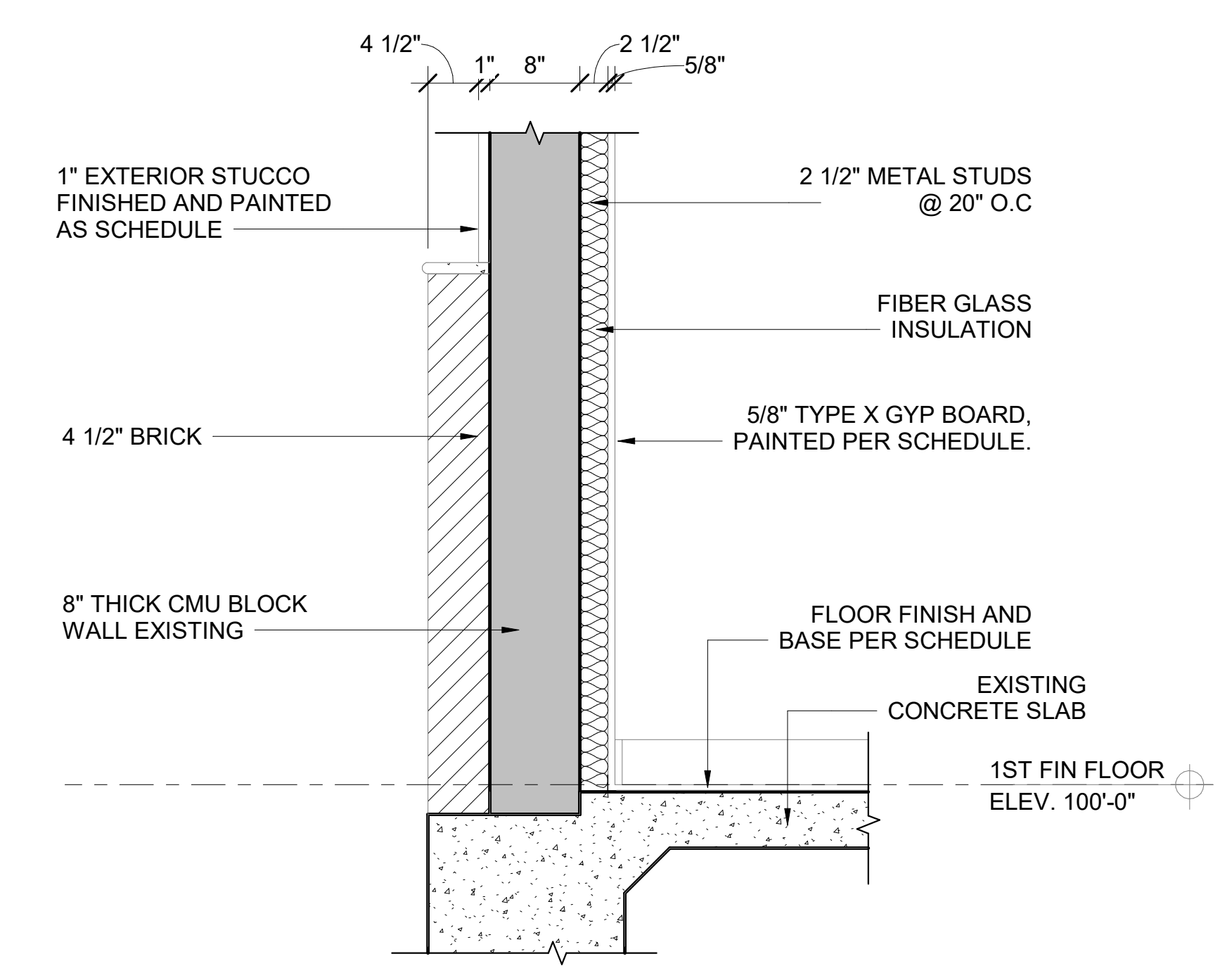
A7.1
SECTIONS

REVISIONS	BY



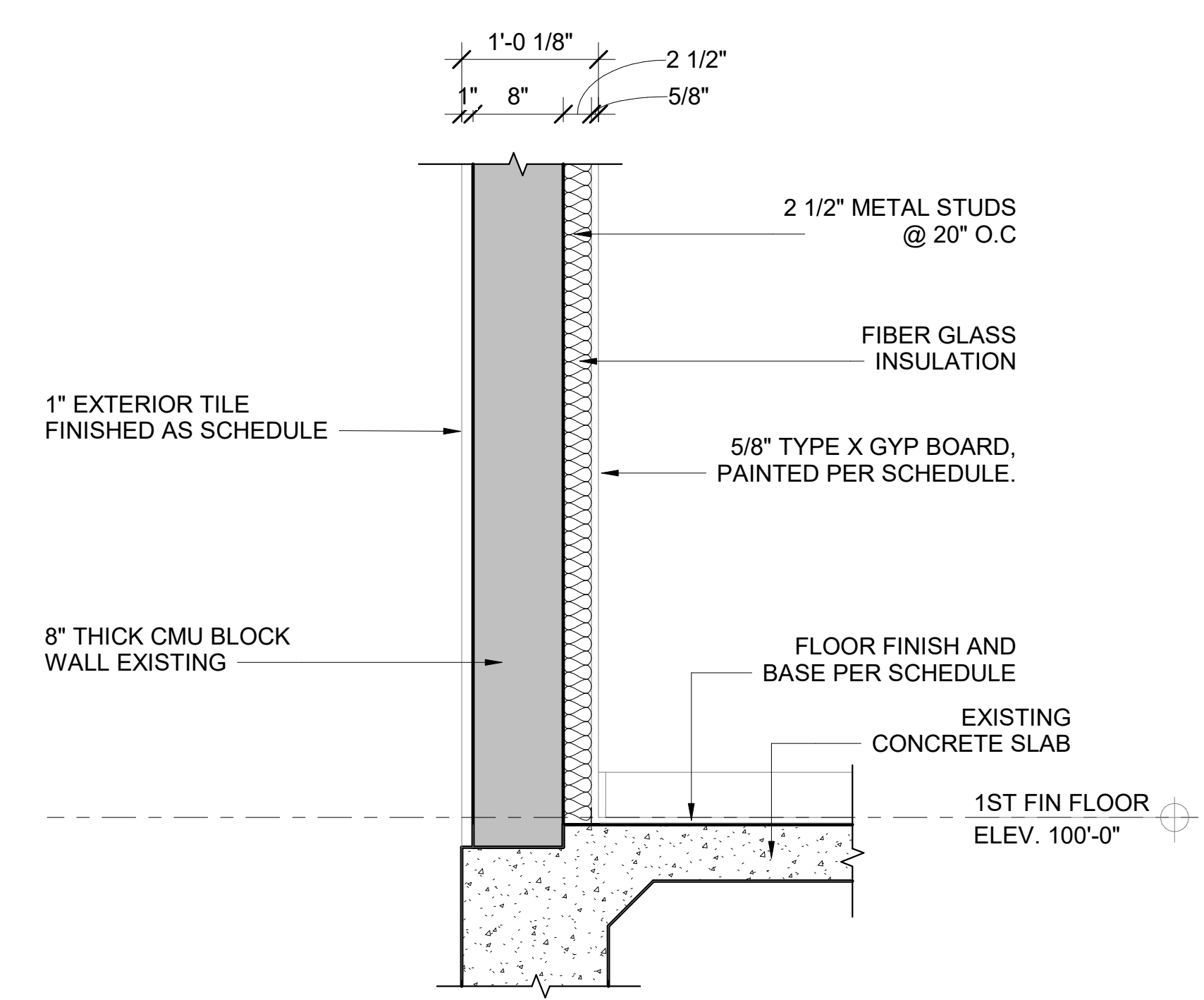
WALL TYPE #	CONSTRUCTION	WIDTH	FIRE RATING	ASSEMBLY NO.	STC
1	1" EXTERIOR STUCCO APPLIED OVER LATH, FINISHED AND PAINTED AS SPECIFIED. 8" THICK CMU WALL. 2.5" METAL STUDS FRAMING @ 24" O.C. FIBER GLASS INSULATION. 5/8" GYPSUM BOARD.	12 1/8"	1-HR	-	44

1 EXTERIOR CMU WALL (W1)
1" = 1'-0"



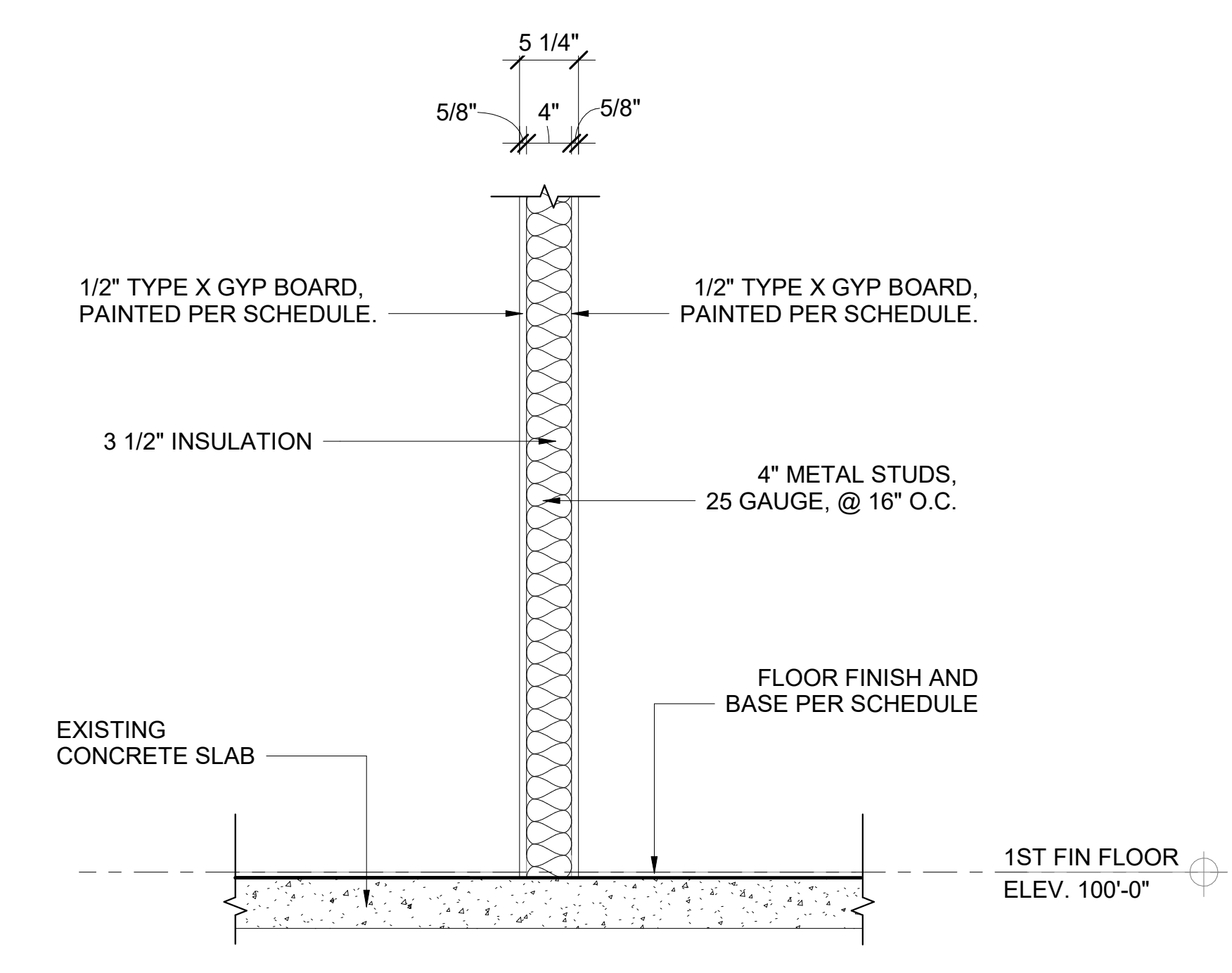
WALL TYPE #	CONSTRUCTION	WIDTH	FIRE RATING	ASSEMBLY NO.	STC
2	1" EXTERIOR STUCCO APPLIED OVER LATH, FINISHED AND PAINTED AS SPECIFIED. 8" THICK CMU WALL. 2.5" METAL STUDS FRAMING @ 24" O.C. FIBER GLASS INSULATION. 5/8" GYPSUM BOARD.	12 1/8"	1-HR	-	44

2 EXTERIOR CMU WALL (W2)
1" = 1'-0"



WALL TYPE #	CONSTRUCTION	WIDTH	FIRE RATING	ASSEMBLY NO.	STC
1	1" EXTERIOR TILE APPLIED OVER LATH AS SPECIFIED. 8" THICK CMU WALL. 2.5" METAL STUDS FRAMING @ 20" O.C. FIBER GLASS INSULATION. 5/8" GYPSUM BOARD.	12 1/8"	1-HR	-	44

3 EXTERIOR CMU WALL (W3)
1" = 1'-0"



WALL TYPE	CONSTRUCTION	WIDTH	FIRE RATING	ASSEMBLY NO.	STC
4	5/8" GYPSUM BOARD. 2x4" METAL FRAMING, 25 GAUGE, @ 16" O.C. 3 1/2" GLASS FIBER INSULATION. 5/8" GYPSUM BOARD.	5 1/4"	1-HR	XYZ	44

4 INTERIOR WALL (W4)
1" = 1'-0"

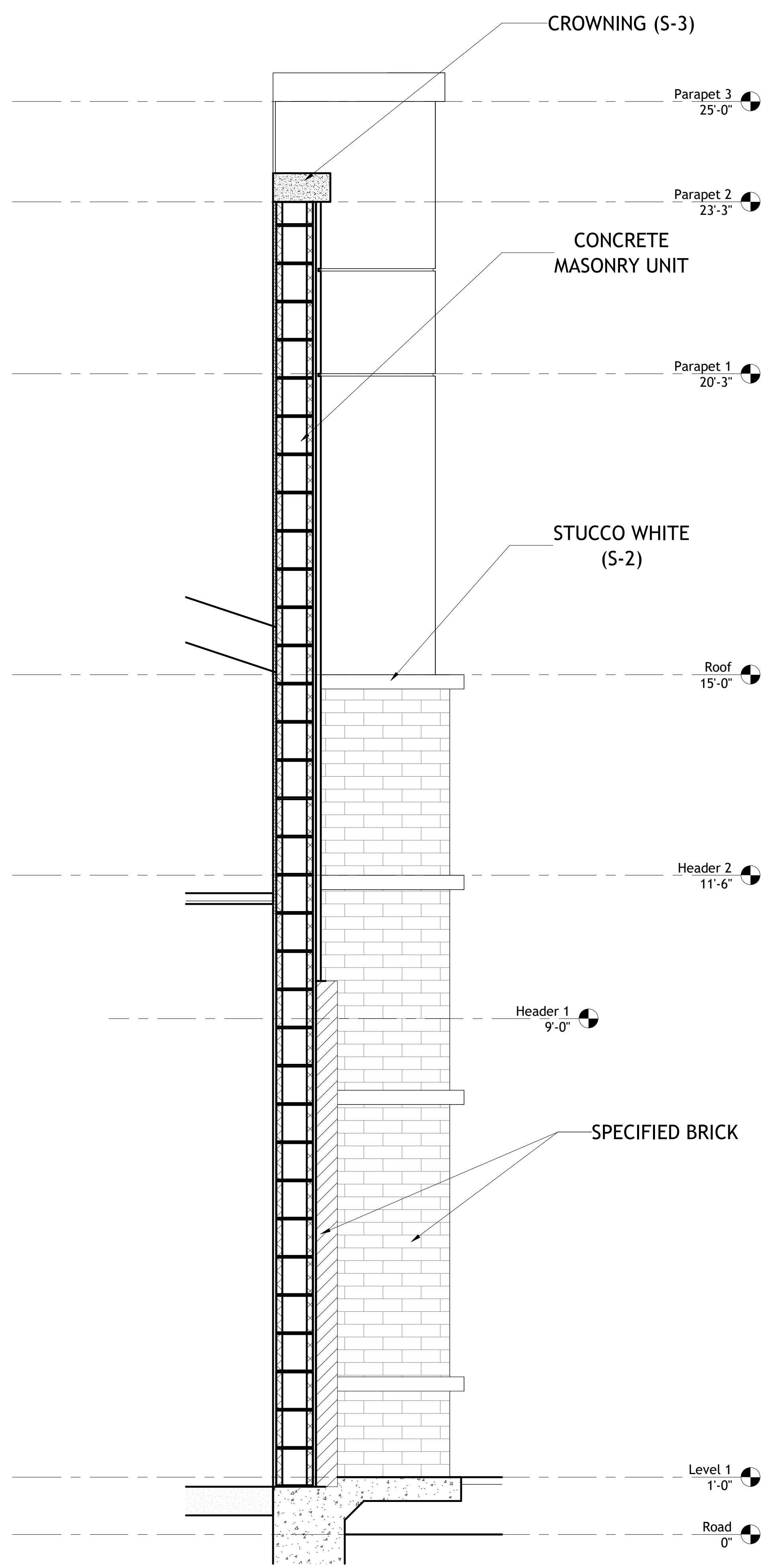
**CONVENIENCE STORE -
CLEVELAND, MS**
 214 N Davis Ave, Cleveland, MS 38732,
 United States.

This document, whether in hard copy or machine readable format, is copyrighted and the ownership of all rights for the project for which it was prepared. The document is the property of AESON, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

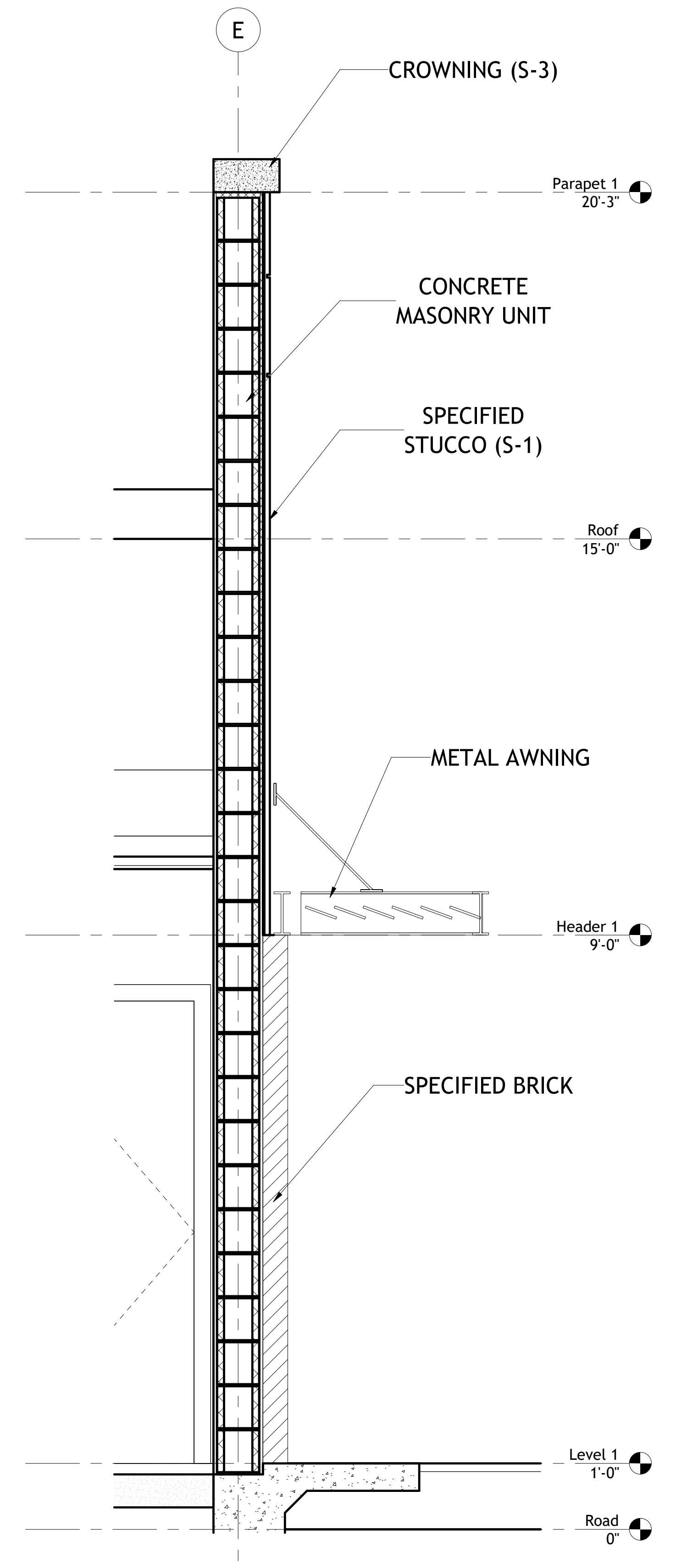
Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1" = 1'-0"
Project Number:	Project Number

A8.0
WALL TYPES /
DETAILS

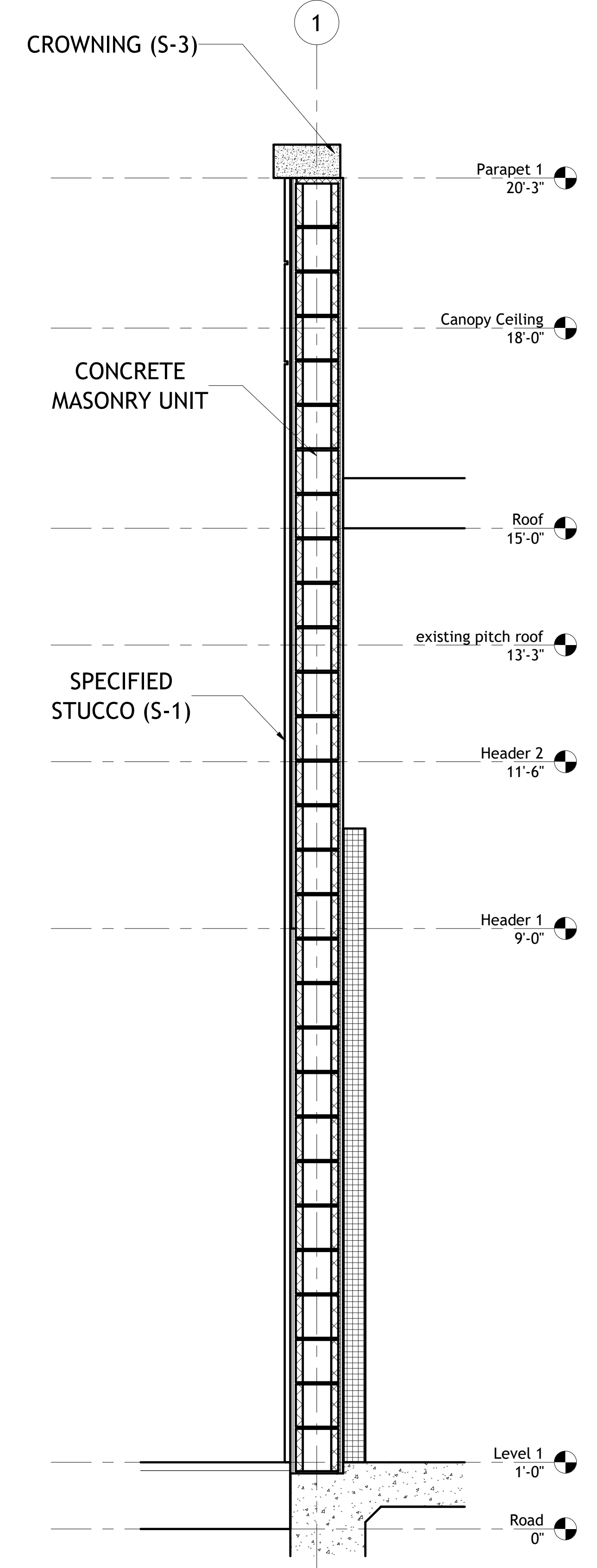
REVISIONS	BY



1 WALL SECTION 1
3/4" = 1'-0"



2 WALL SECTION 2
3/4" = 1'-0"



3 WALL SECTION 3
3/4" = 1'-0"

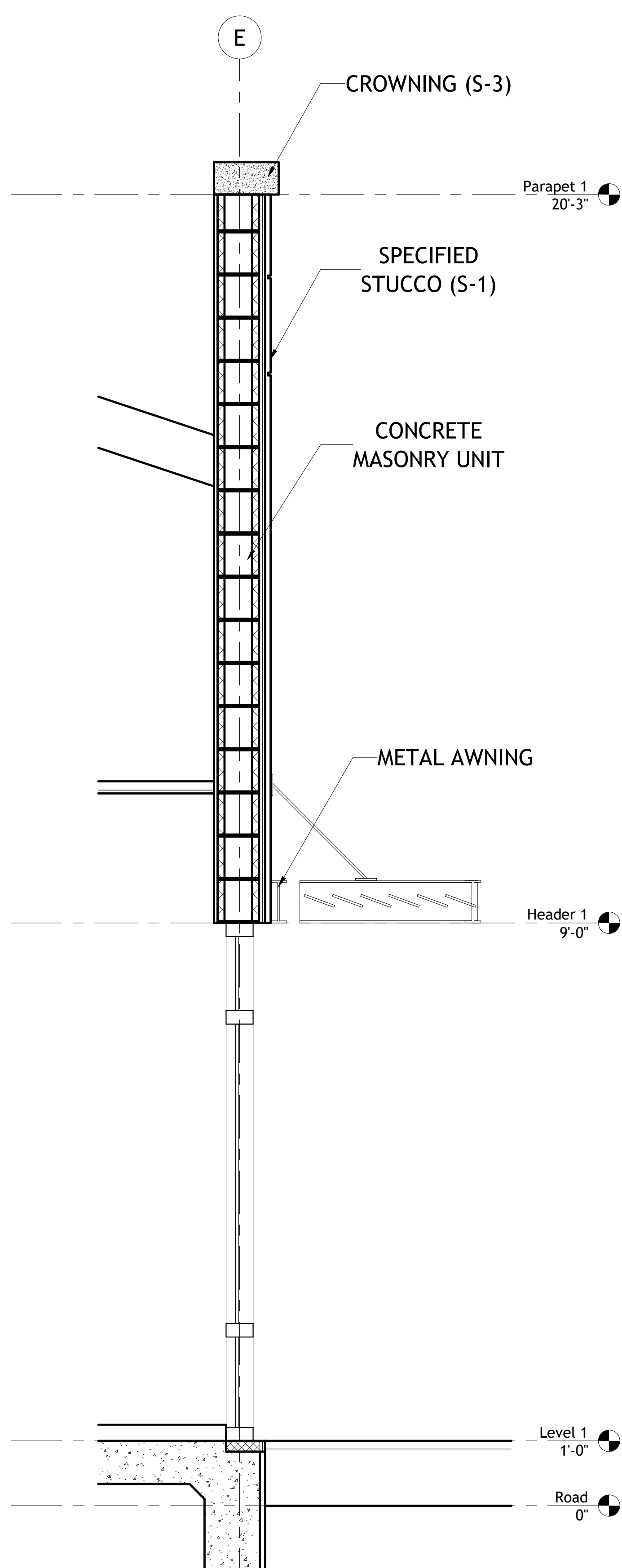
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the preparation of drawings for the project for which it was prepared. This document is the property of AESON, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action/penalties.

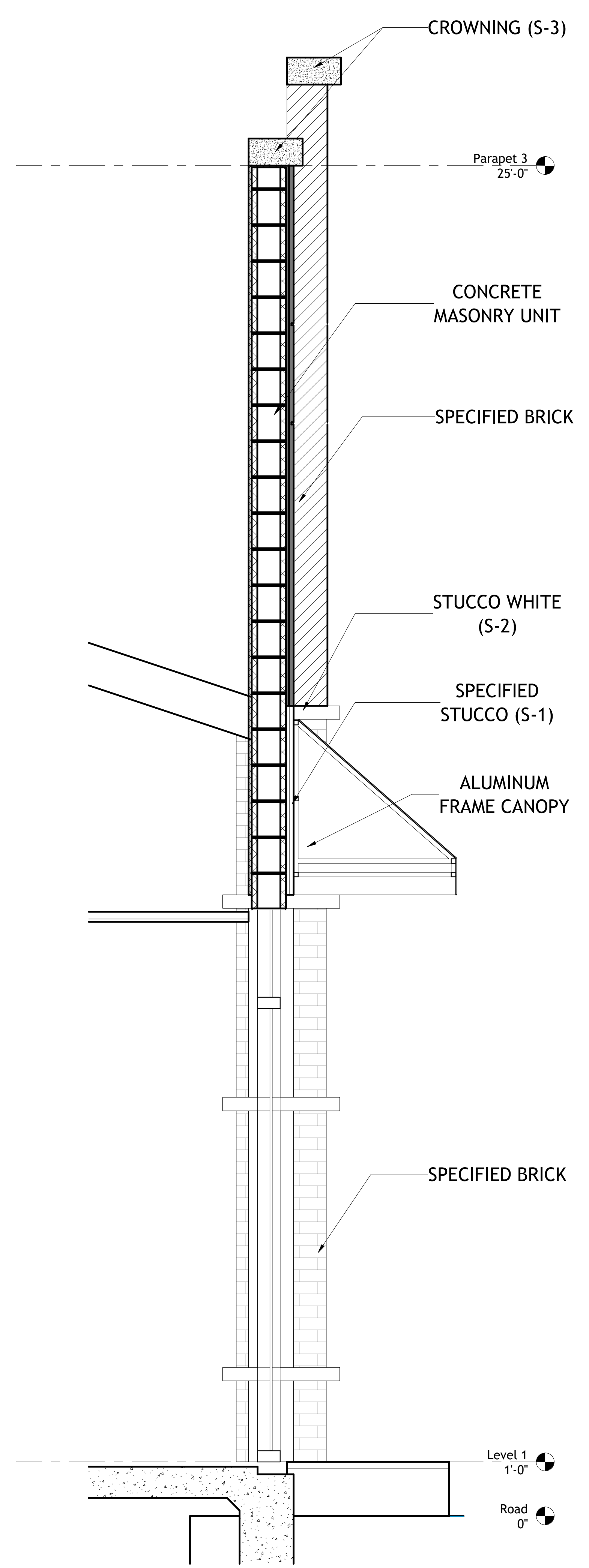
Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:
3/4" = 1'-0"
Project Number:
Project Number

A9.0
WALL SECTIONS

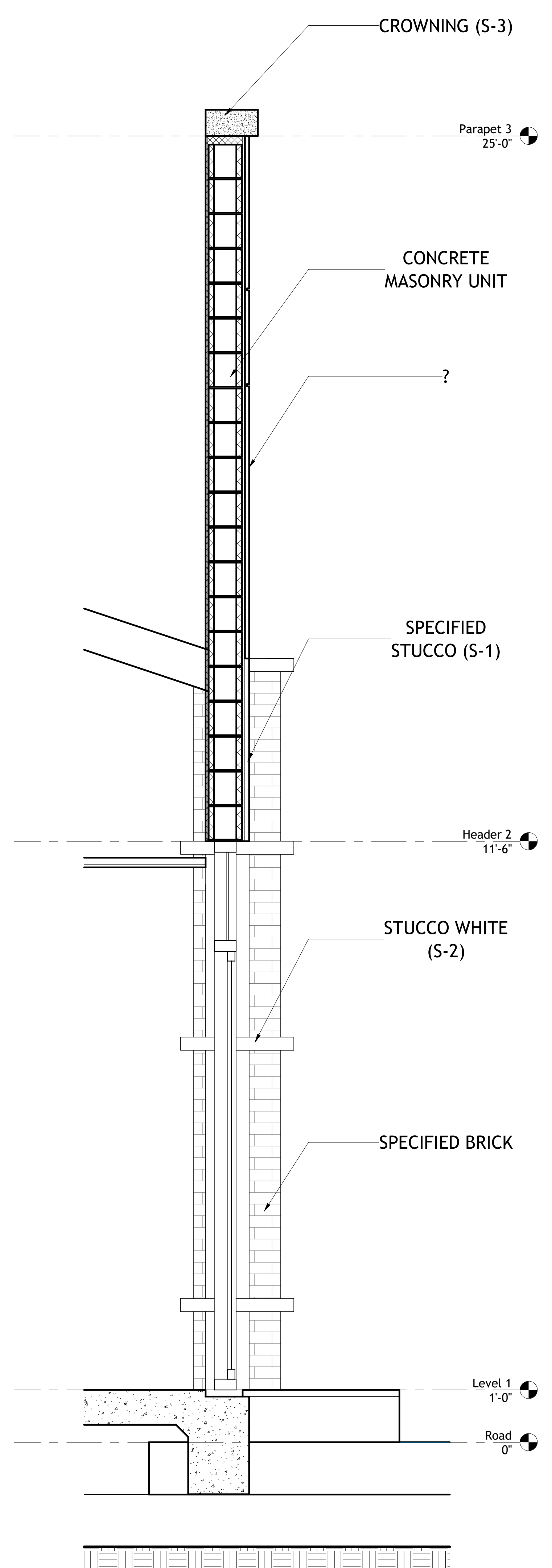
REVISIONS	BY



1 WALL SECTION 4
3/4" = 1'-0"



2 WALL SECTION 5
3/4" = 1'-0"



3 WALL SECTION 6
3/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the reproduction of any part of it for any purpose other than that for which it was prepared is prohibited. The reproduction of any part of it for any other purpose without the written permission of AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:
3/4" = 1'-0"
Project Number:
Project Number

A9.1
WALL SECTIONS

REVISIONS	BY



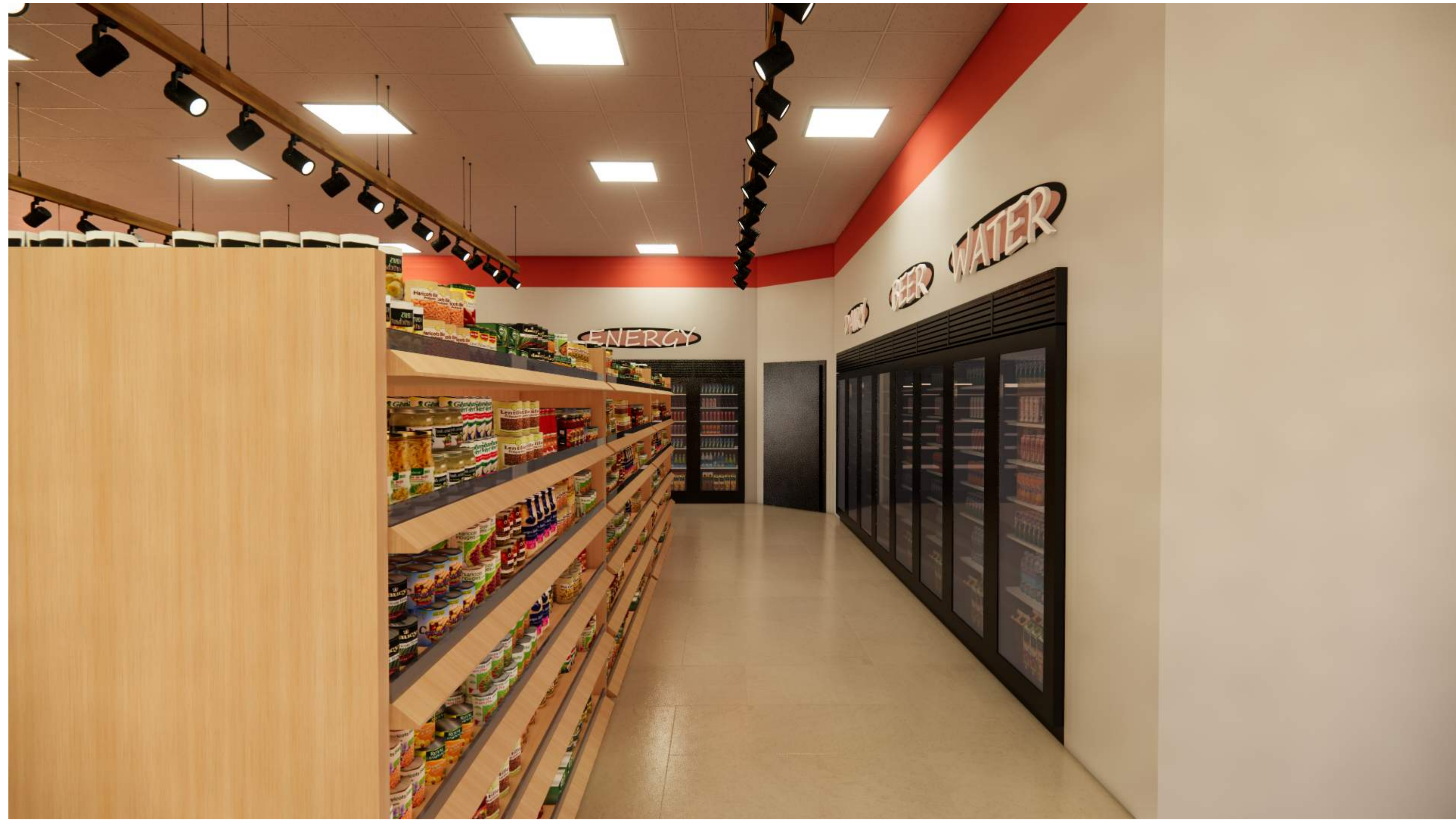
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the instrument of service for the project for which it was prepared. The documents in this manual are distributed for review by any party in any extension of such project or use on any other project. Any reuse, including copying and/or posting this document without written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unlawful reuse of the document may result in civil and/or criminal action/penalties.

Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:

Project Number:
Project Number
A10.0
3D VIEWS EXTERIOR

REVISIONS	BY



**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

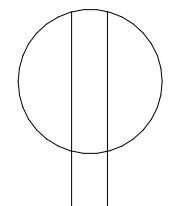
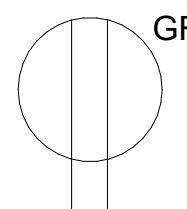
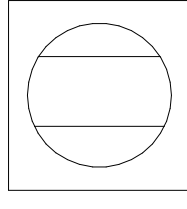
This document, whether in hard copy or machine readable format, is copyrighted and the transmission of materials for the project for which it was prepared. This document is the property of the architect and shall remain the property of the architect. No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the architect.

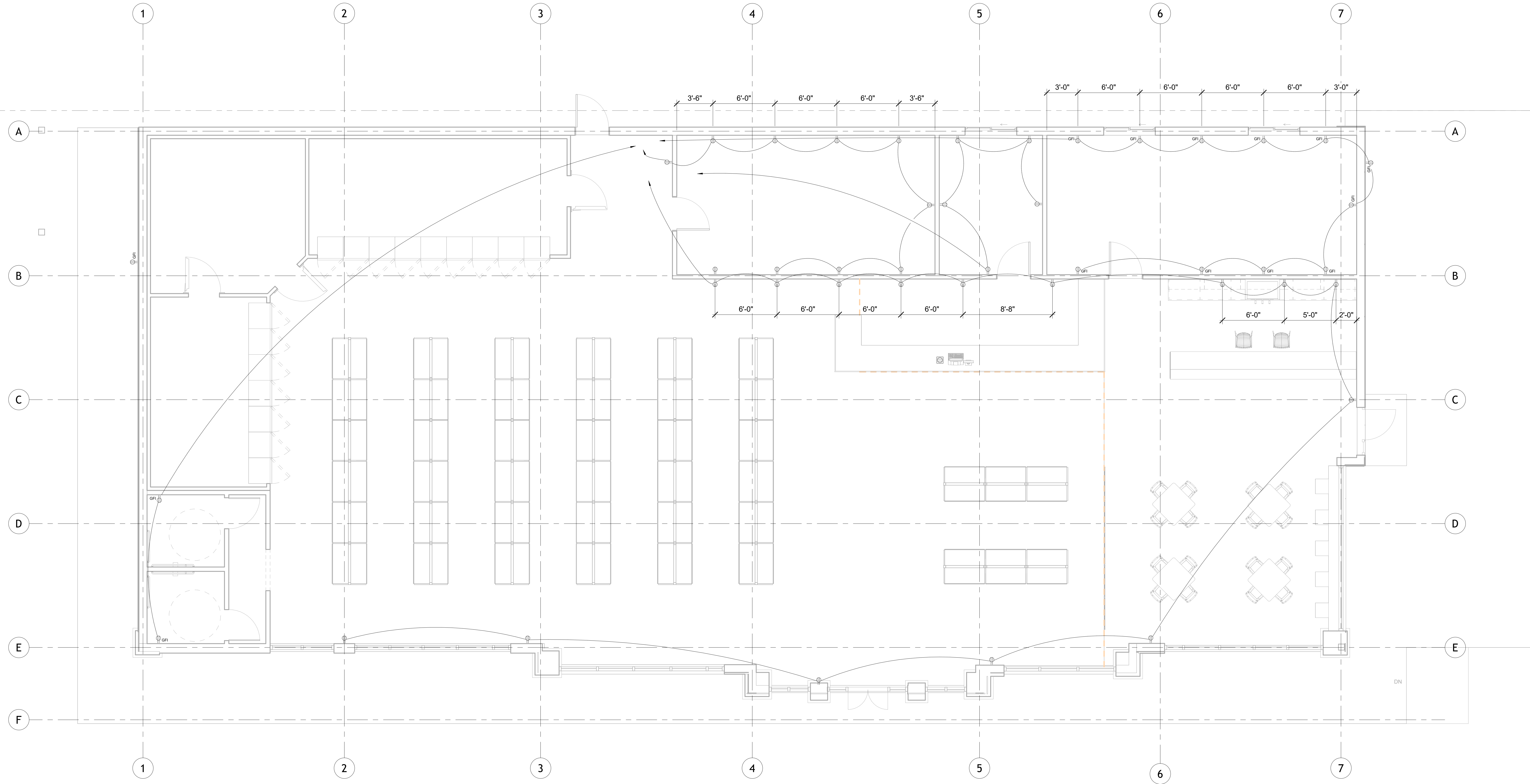
Drawn By:
SA
Checked By:
SM
DATE:
03/13/23
SCALE:

Project Number:
Project Number

A10.1
3D VIEWS INTERIOR

REVISIONS	BY

ELECTRICAL LEGEND	
	OUTLET - SINGLE
	OUTLET -GFI
	OUTLET FLOOR - DUPLEX



1 1ST FLOOR PLAN
1/4" = 1'-0"

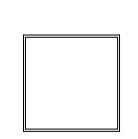
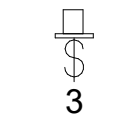
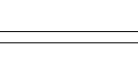
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

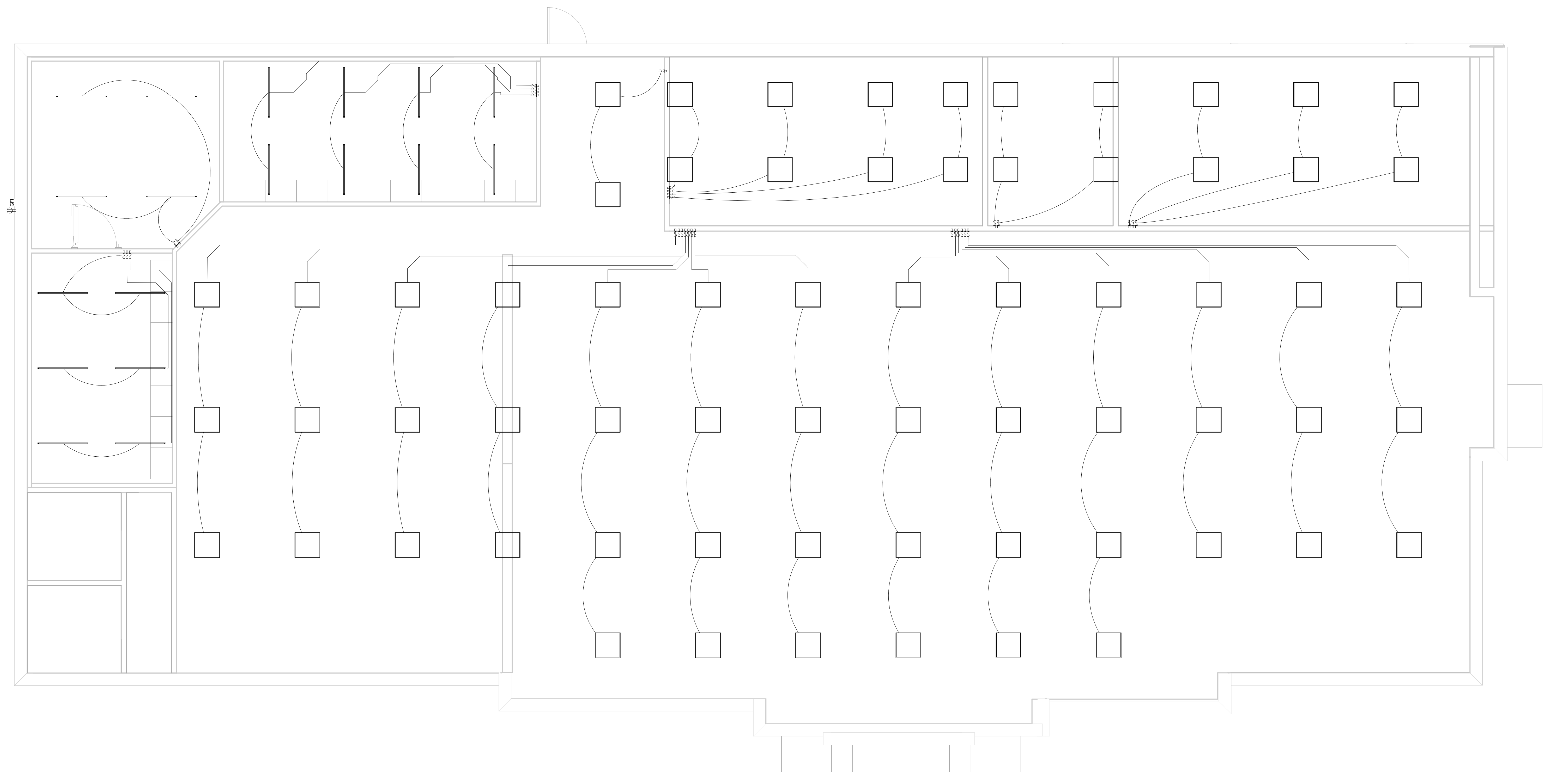
This document, whether in hard copy or machine readable format, is copyrighted and the transmission of documents for the project for which it was prepared. This document is the property of AESCAL, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESCAL, P.L.L.C. is a violation of federal copyright law. Unauthorized use of this document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number

E1.0
ELECTRICAL PLAN

REVISIONS	BY

ELECTRICAL LEGEND	
	2'-0" x 2'-0" LINEAR BOX CEILING LIGHT
	LIGHTING SWITCHES THREE WAYS
	DOWNLIGHT



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

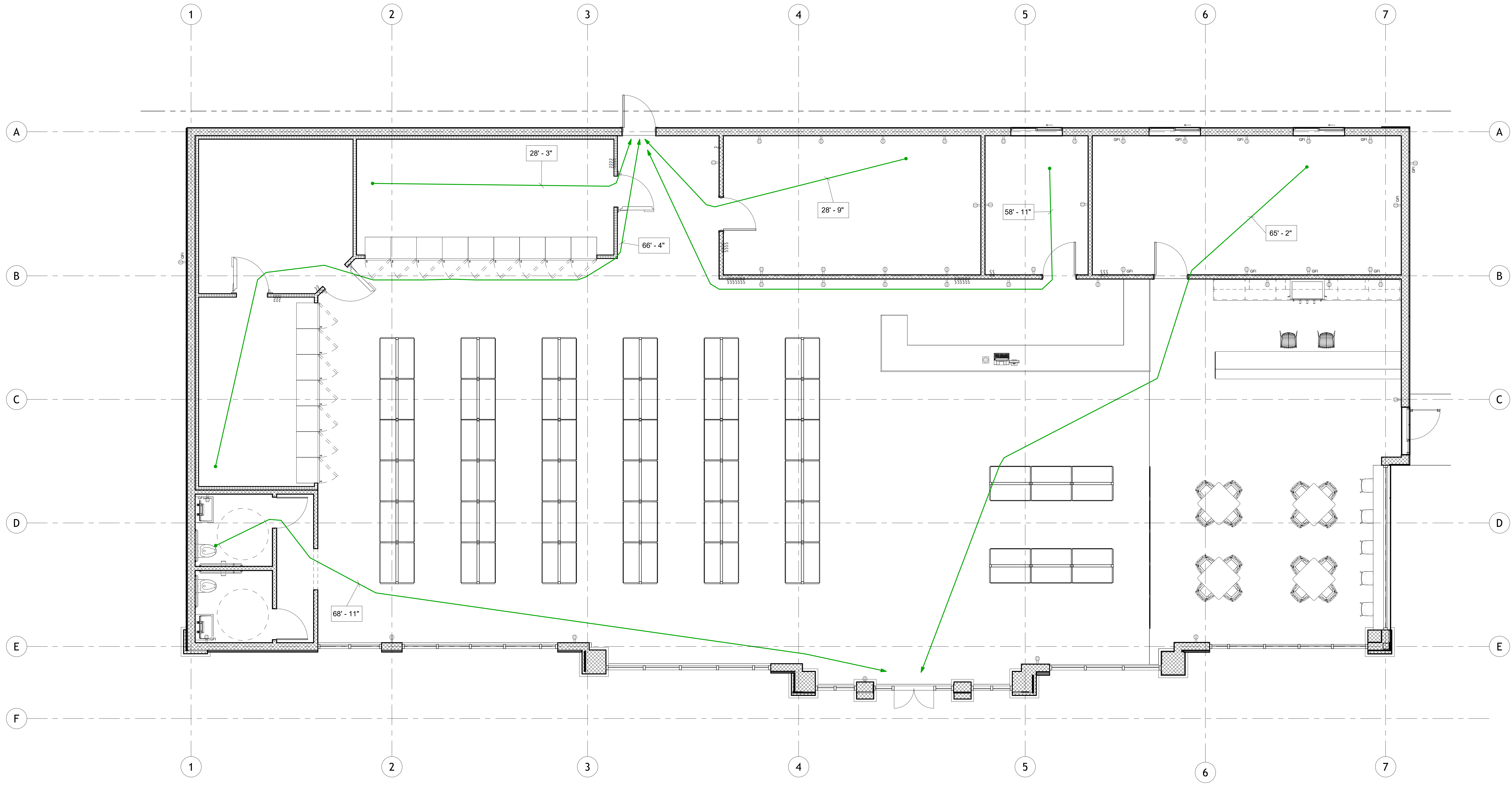
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the ownership of drawings for the project for which it was prepared. This document is the property of AESON, P.L.L.C. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number

E2.0
LIGHTING PLAN

REVISIONS	BY



1 EGRESS PLAN
1/4" = 1'-0"

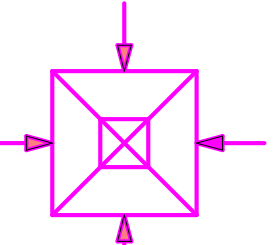
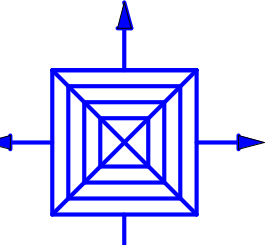
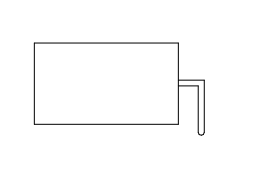
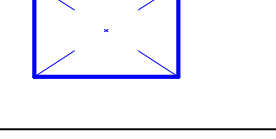

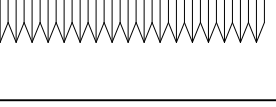
**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

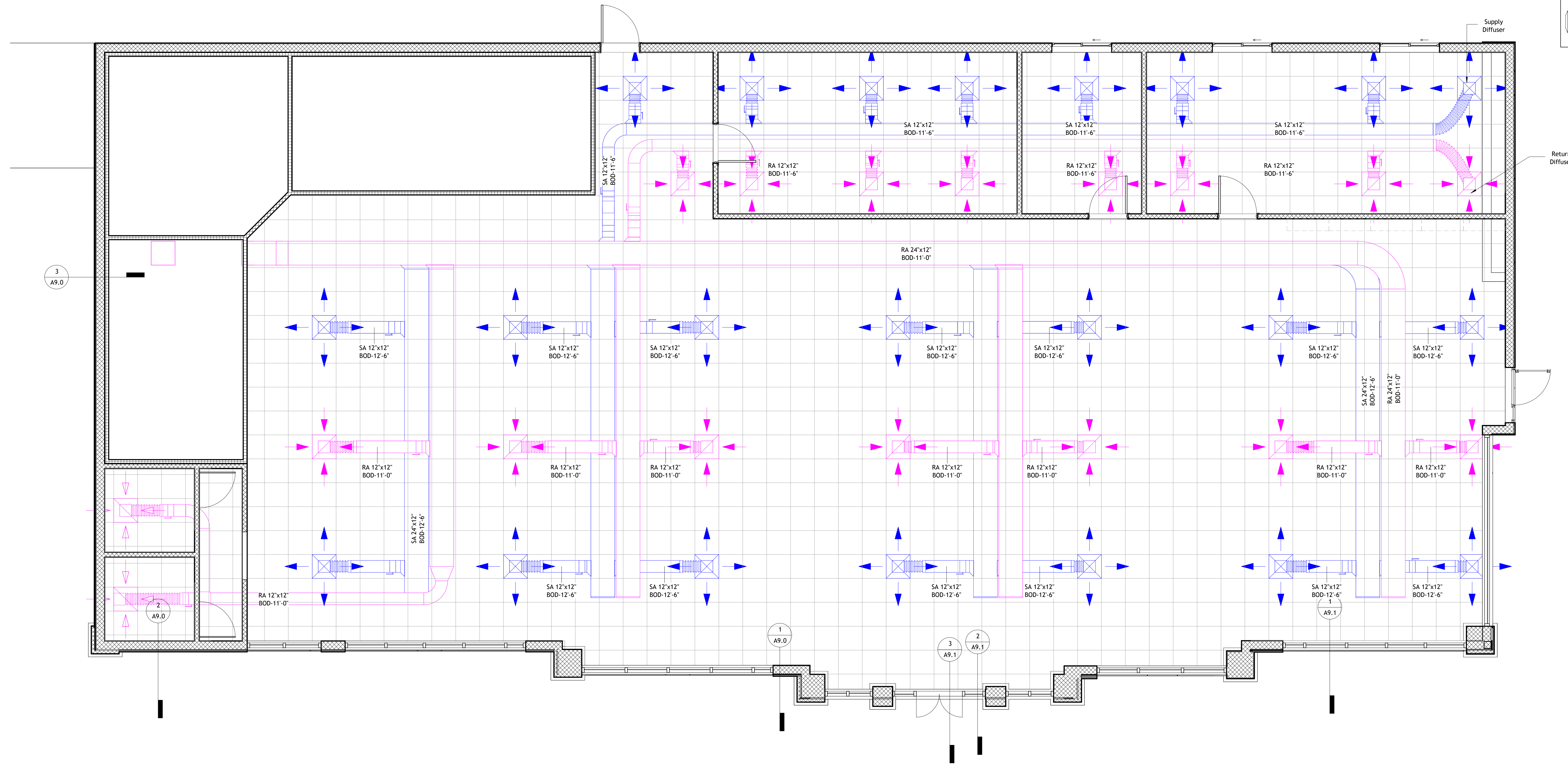
This document, whether in hard copy or machine readable format, is copyrighted and the ownership of drawings for the project for which it was prepared is the property of the architect. It is not to be used, copied, or reproduced in any form or by any means without the written permission of the architect. Any reuse, including copying and posting this document, without written permission from AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

Drawn By:
SA
Checked By:
SM
DATE:
05/11/23
SCALE:
1/4" = 1'-0"
Project Number:
Project Number

F1.0
EGRESS PLAN

REVISIONS	BY

HVAC SYMBOLS	
	CEILING RETURN DIFFUSER
	CEILING SUPPLY DIFFUSER
	BALANCING DAMPER
	SUPPLY DUCT
	RETURN DUCT
	FLEX DUCT



1 MECHANICAL PLAN
1/4" = 1'-0"

**CONVENIENCE STORE -
CLEVELAND, MS**
214 N Davis Ave, Cleveland, MS 38732,
United States.

This document, whether in hard copy or machine readable format, is copyrighted and the ownership of all rights for the project for which it was prepared, is the property of the member of the firm. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of AESON, P.L.L.C. is a violation of federal copyright law. Unauthorized use of the document may result in civil and/or criminal action.

Drawn By:	SA
Checked By:	SM
DATE:	03/13/23
SCALE:	1/4" = 1'-0"
Project Number:	Project Number

M1.0
MECHANICAL PLAN