

2411 CROFTON LANE SUITE 18A CROFTON, MD 21113





08/20/2026

JASON C CHRISTIANSEN, AIA

architecture + design

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OWNER SIGNATURE

REVISION STATUS

REV	DATE	DESCRIPTION	DRAWN BY
00	03/28/2025		
01			
02			
03			
04			

CLIENT/CONSULTANT APPROVAL STATUS

APPROVED	
APPROVED WITH NOTES	
RESUBMIT	
DISAPPROVED	

OWNER:

JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)

ADDRESS:

2411 CROFTON LANE SUITE 18A
CROFTON, MD

DESIGN CONSULTANT:

TSABA CORP
NADIF BRACEY
254 CHAPMAN RD, STE 208.13130
NEWARK, DELAWARE 19702
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DRAWING STATUS:

DESIGN DRAWING

DISCIPLINE:

ARCHITECTURAL

PROJECT TITLE:

RESTAURANT

DRAWING:

COVER SHEET

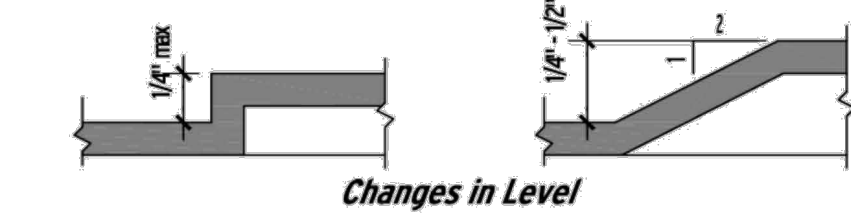
DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-00	SCALE: NTS @A0

402: ACCESSIBLE ROUTE

402.2 Components
Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts.

403 Slope
Running slope shall not exceed 1:20. If slope exceeds 1:20, refer to "ramps" or "curb ramps" sections. Cross slope shall not exceed 1:48.

- 403.4 Changes in Level
- Up to 1/4": requires no edge treatment (vertical edge permitted).
 - 1/4" to 1/2": Edge shall be beveled with slope no greater than 1:2.
 - Greater than 1/2": Requires curb ramp, ramp, elevator, or platform lift.
 - Stairs shall not be part of an accessible route.



403.51 Width
Minimum clear width of walking surfaces shall be 36" (except as allowed at doors).

403.5.2 Clear Width at Turns
Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn.

403.5.3 Passing Space
An accessible route with a clear width less than 60" shall provide passing spaces at intervals of 200' maximum. Passing spaces shall be either: a space 60" minimum by 60" minimum; or, an intersection of two walking surfaces providing a T-shaped space complying with turning space requirements, where the base and arms of the "T" extend 48" minimum beyond the intersection.

307.4 Vertical Clearance
Vertical clearance shall be 80" high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" high. The leading edge of such guardrail or barrier shall be located 27" maximum above the finish floor or ground.

705.1 Detectable Warnings (Required within Public Right-of-Way & Platform Edges)
At Hazardous Vehicular Areas. If a walk within an accessible route crosses or adjoins a vehicular way, and the walking surfaces are not separated by curbs, railings, or other elements between the pedestrian areas and vehicular areas, the boundary between the areas shall be defined by a continuous detectable warning 24" wide, complying with the requirements below.

Detectable Warnings: Surface shall consist of raised truncated domes with the following features:

- Diameter: 0.9" nominal
- Height: 0.2" nominal
- Surface: Shall visually contrast with adjoining surfaces.

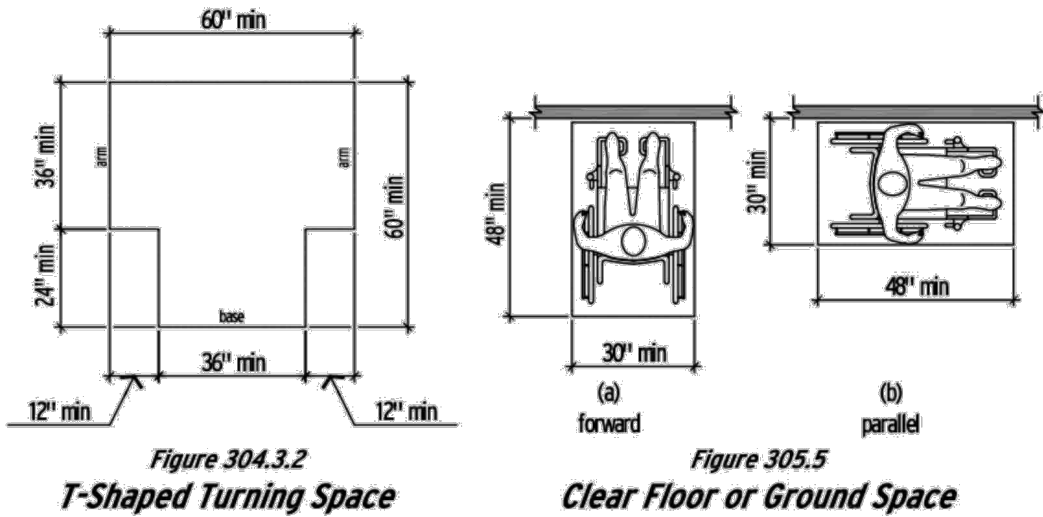
302.2 Carpet
Carpet or carpet tile shall:

- Be securely attached;
- Have a firm cushion, pad, or backing (or none);
- Have a level loop, textured loop, level cut pile, or level cut/unpile pile texture;
- Have a maximum pile thickness of 1/2";
- Have exposed edges fastened with edge trim the entire length of exposed edge.

302.3 Openings (Gratings)
Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

304.3 Turning Space

- The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance.
- The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum.



305 Clear Floor Space
The clear floor or ground space shall be 30" by 48", and may be positioned for either a forward or parallel approach.

- If a forward approach clear floor space extends more than 24" into an alcove, the minimum alcove width shall be 36".
- If a parallel approached clear floor space extends more than 15" into an alcove, the minimum alcove length shall be 60".

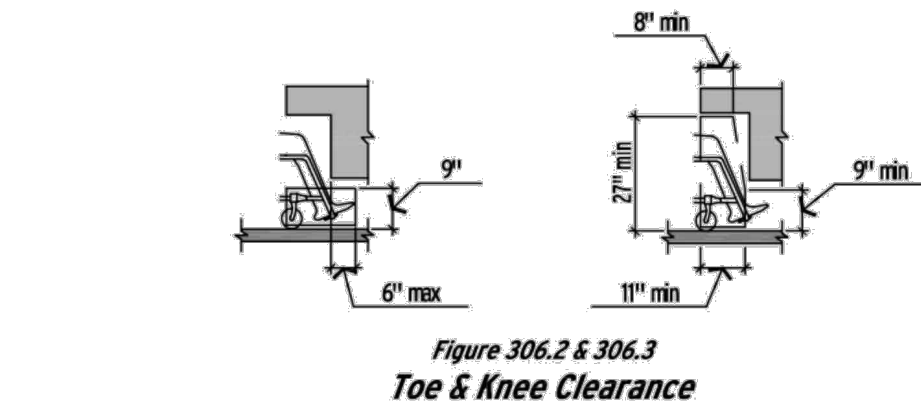
306 Knee and Toe Clearance
Where space beneath an element is included as part of clear floor or ground space or turning space, the space shall comply with required knee and toe clearance. Additional space shall not be prohibited beneath an element but shall not be considered as part of the clear floor or ground space or turning space.

306.2 Toe Clearance

- Space under an element between the finish floor and 9" above the finish floor shall be considered toe clearance.
- Toe clearance shall extend 25" maximum under an element.
- Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element.
- Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor shall not be considered toe clearance.
- Toe clearance shall be 30" wide minimum.

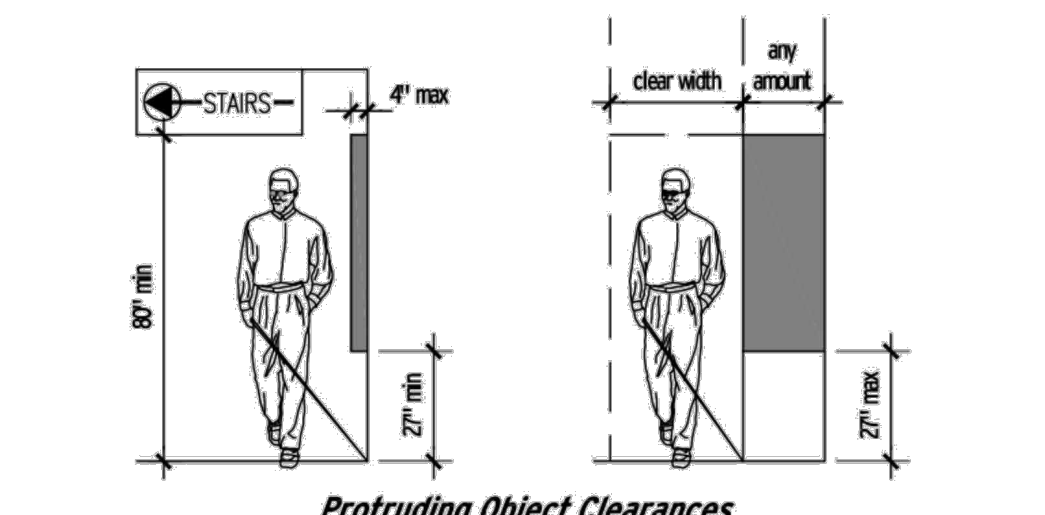
306.3 Knee Clearance

- Space under an element between 9" and 27" above the finish floor shall be considered knee clearance.
- Knee clearance shall extend 22" minimum under an element at 9" above the finish floor.
- Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor, and 8" deep minimum at 27" above the finish floor.
- Between 9" and 27" above the finish floor, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height.
- Knee clearance shall be 30" wide minimum.



307 Protruding Object

- Objects projecting from walls with their leading edges between 27" and 80" above the finished floor shall protrude no more than 4" into walks or corridors.
- Objects projecting from walls with their leading edges at or below 27" above the finished floor may protrude any amount.
- Free-standing objects mounted on posts or pylons shall overhang 12" maximum when located 27" to 80" above the finished floor or ground.
- Protruding objects shall not reduce the required clear width of an accessible route or maneuvering space.

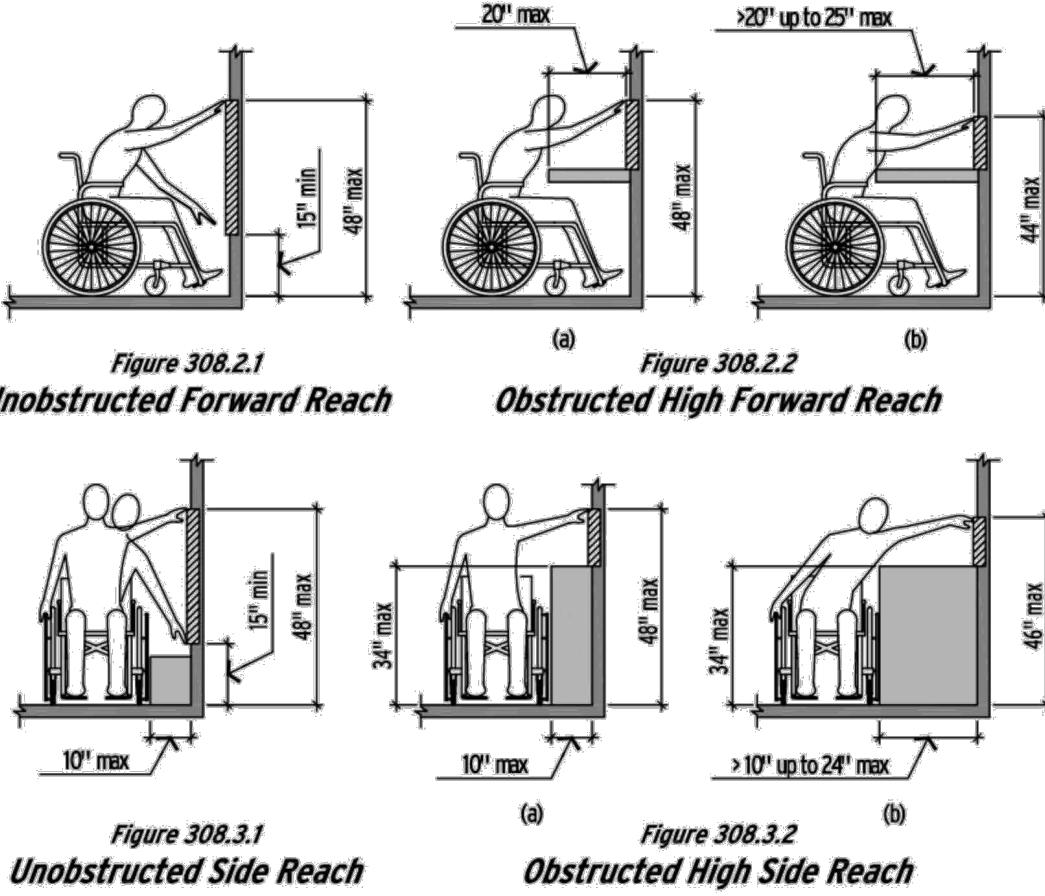


308 Reach Ranges

- Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above finish floor or ground.
- 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" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 20" maximum.
- Where a parallel approach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above finish floor.
- Where a high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth up to 10", and 48" for a reach depth between 10"-24" above finish floor.

309 Operable Parts
All controls and operating mechanisms in accessible spaces, along accessible routes, and as parts of accessible elements, shall comply with the following:

- Clear floor space shall be provided to allow forward or parallel approach.
- Heights of all operable portions shall comply with the reach ranges. Electrical and communications system receptacles on walls shall be 15" minimum above the floor.
- Controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls shall be no greater than 5 pounds maximum.



502: PARKING SPACES

502.2 Vehicle Spaces
Accessible spaces shall have the following minimum dimensions, measured from the centerlines of the markings:

- Car parking space width: 96"
- Van parking space width: 132"
- Vertical clearance: 98" minimum

Exception: Van parking spaces shall be permitted to be 96" wide minimum where access aisle is 96" wide minimum.

502.3 Access Aisle

- Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle.
- Access aisle serving car and van spaces, width: 60" minimum
- Vertical clearance: 98" minimum
- Length: Full length of parking spaces they serve
- Marking: Shall be marked so as to discourage parking in them.
- Location: Shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces.

502.4 Floor or ground Surfaces - Slope
Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. (Curb ramps are not permitted within the required area of access aisles and loading zones.)

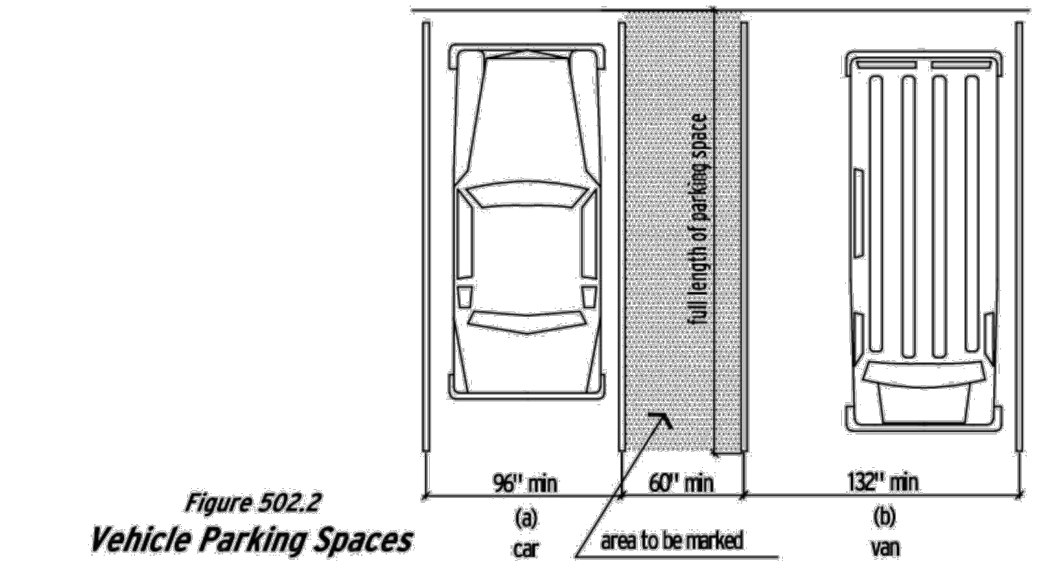
Exception: Slopes not steeper than 1:48 shall be permitted.

502.6 Identification - Signs
Accessible parking spaces shall be designated as reserved by a sign showing the International Symbol of Accessibility.

- Signs identifying van parking spaces shall contain the designation "VAN ACCESSIBLE."
- Signs shall be 60" minimum above the finish floor or ground surface measured to the bottom of the sign.

503.1 Passenger Loading Zones
Passenger loading zones shall have the following minimum dimensions:

- Vehicle pull-up space width: 96" wide minimum and 20' long minimum
- Access aisle width: 60" minimum
- Access aisle length: Full length of the vehicle pull-up space served
- Marking: Access aisles shall be marked so as to discourage parking in them.
- Vertical clearance: 114" at loading zone and along at least one vehicular route to the loading zone.



406: CURB RAMPS

406.1 General
Requirements of curb ramps:

- Maximum slope of ramp runs: 1:12
- Maximum slope of flared sides: 1:10
- Maximum slope of adjacent surfaces and counter slopes: 1:20
- Minimum clear width: 36"
- Landing clear length shall be 36" minimum and clear width shall be at least as wide as the ramp run.

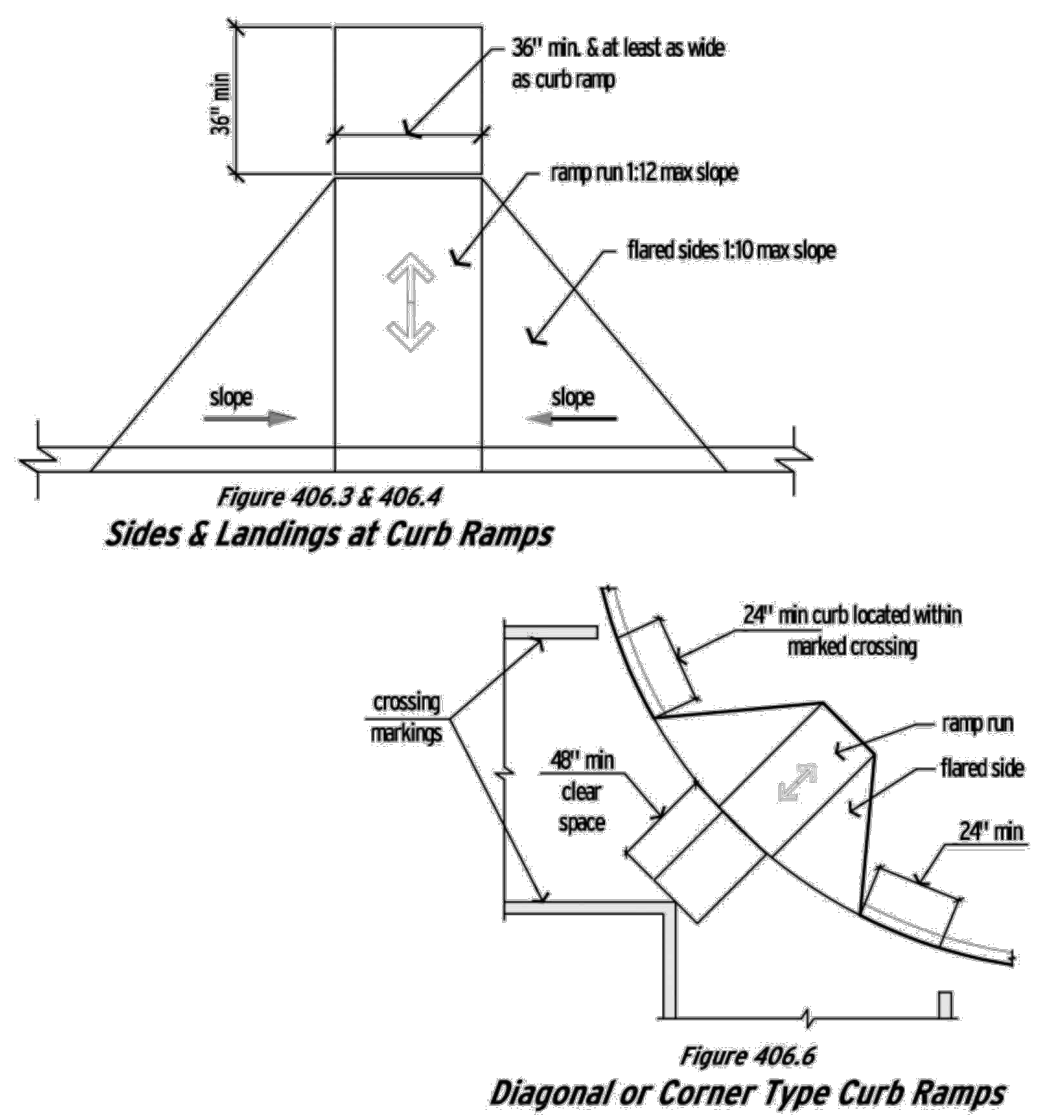
406.5 Location
Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access ways. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.

705.1 Detectable Warnings (Required within Public Right-of-Way & Platform Edges)
Required for full width and depth of ramp. Surface shall consist of truncated domes with following features:

- Diameter: 0.9" nominal
- Height: 0.2" nominal
- Center to Center spacing: 1.6" minimum and 2.4" maximum
- The surface shall visually contrast with adjacent walking surfaces.
- The material providing contrast shall be an integral part of the walking surface.

406.6 Diagonal Curb Ramps
Diagonal or corner type curb ramps with returned curb, shall have edges parallel to pedestrian flow. The bottom of diagonal curb ramps shall have clear space 48" minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide 48" minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24" long minimum located on each side of the curb ramp and within the marked crossing.

406.7 Islands
Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides, with minimum 48" long and 36" wide level area between.



405: RAMPS

405.1 Where Required
Whenever the slope of the accessible route exceeds 1:20 (5%).

- Ramp runs shall have a running slope not steeper than 1:12 (8.33%).
- Cross slope of ramp runs shall not be steeper than 1:48 (2%).
- Changes in level other than the running slope and cross slope are not permitted on ramp runs.
- The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum.
- The rise for any ramp run shall be 30" maximum.

405.7 Landings
Level landings required at top and bottom of each run, with the following features:

- Slopes not steeper than 1:48 (2%) shall be permitted.
- Clear width shall be at least as wide as the widest ramp run leading to the landing.
- Clear length shall be 60" minimum.
- If ramp changes direction at landing, landing shall be minimum 60" by 60" clear.
- Where doorways are located adjacent to a ramp landing, maneuvering clearances required at doors shall be permitted to overlap the required landing area.

405.8 Handrails
Ramp runs with a rise greater than 6" shall have handrails. Refer to 505: HANDRAILS for requirements.

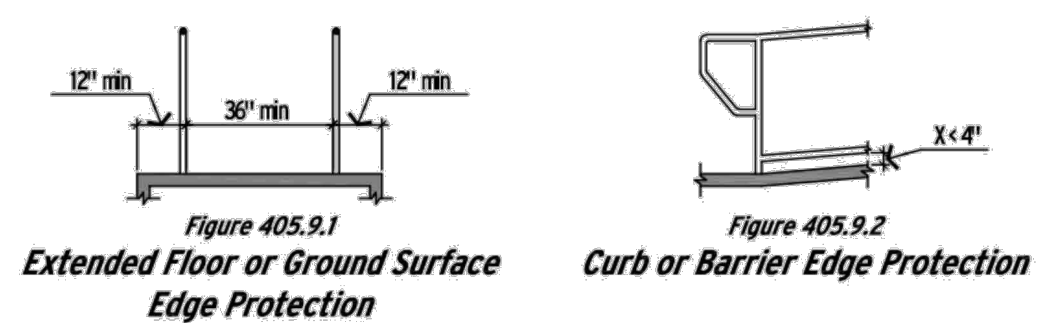
302.1 Surfaces
Ramp surface shall be firm, stable, and slip-resistant. (If carpeted, refer to requirements under 403: ACCESSIBLE ROUTE.)

405.9 Edge Protection
Edge protection 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" minimum beyond the inside face of a handrail. The extended surface prevents wheelchair casters and crutch tips from slipping off the ramp surface.

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

405.10 Wet Conditions
Outdoor ramps, their approaches and landings shall be designed to prevent the accumulation of water.



504: STAIRWAYS

504.2 Treads and Risers
All steps on a flight of stairs shall have uniform riser heights and tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. Open risers are not permitted.

504.5 Nosings
The radius of curvature at the leading edge of the tread shall be 1/2" maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from the vertical. The permitted projection of the nosing shall extend 1/2" minimum over the tread below.

504.7 Wet Conditions
Outdoor stairs and their approaches shall be designed so that water will not accumulate on walking surfaces.

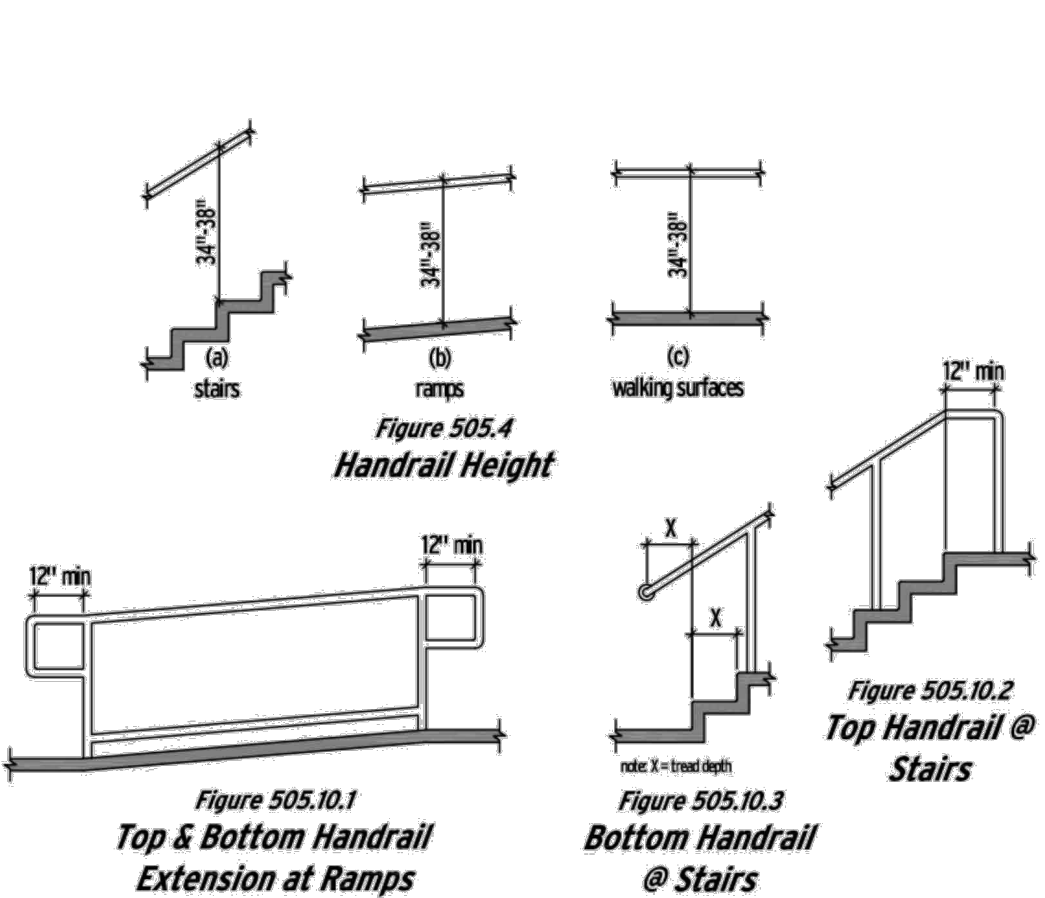
505: HANDRAILS

505.1 Where Required
Handrails shall be provided on both sides of stairs and ramps where required along walking surfaces, ramps, and stairs.

- Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs.
- Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces, and at a consistent height above surfaces.
- Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2" minimum.
- Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length.
- Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4" minimum and 2" maximum.
- Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6 1/4" maximum, and a cross section dimension of 2 1/4" maximum.
- Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges.
- Handrails shall not rotate within their fittings.

505.10 Handrail Extensions

- Top & Bottom at Ramps: Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run.
- Top Extension at Stairs: At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.
- Bottom Extension at Stairs: At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.



404: DOORS, DOORWAYS, & GATES

404.1 General
Doors, doorways, and gates that are part of an accessible route shall comply with this section.

404.2.1 Revolving Doors, Gates, and Turnstiles
Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

404.2.2 Double-leaf Doors and Gates
At least one of the active leaves of doorways with two leaves shall comply with this section.

404.2.3 Clear Width
Door openings shall provide a clear opening of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above finish floor or ground shall not exceed 4".

Exception: Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.

404.2.4 Maneuvering Clearances
Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance, as shown in Figures 404.2.4.1, and 404.2.4.2.

- Maneuvering clearances, in addition to doorway width, are required at recessed doors and gates (all dimensions are minimum), as shown in Figure 404.2.4.3.

404.2.5 Thresholds
Thresholds, if provided at doorways, shall be 1/2 inch high maximum.

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" minimum plus the width of doors or gates swinging into the space.

404.2.6.1 Door and Gate Hardware
Handles, pulls, latches, locks, and other operable parts on doors and gates shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist to operate.

- Lever-operated mechanisms, push-type mechanisms, and U-shaped handles are acceptable designs.
- Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.
- Where sliding doors are in the fully open position, operating hardware shall be exposed accessible from both sides.
- The force required to activate operable parts shall be 5 pounds maximum.

404.2.8.1 Door Closers and Gate Closers
Door closers and gate closers shall be adjusted so that from an 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:

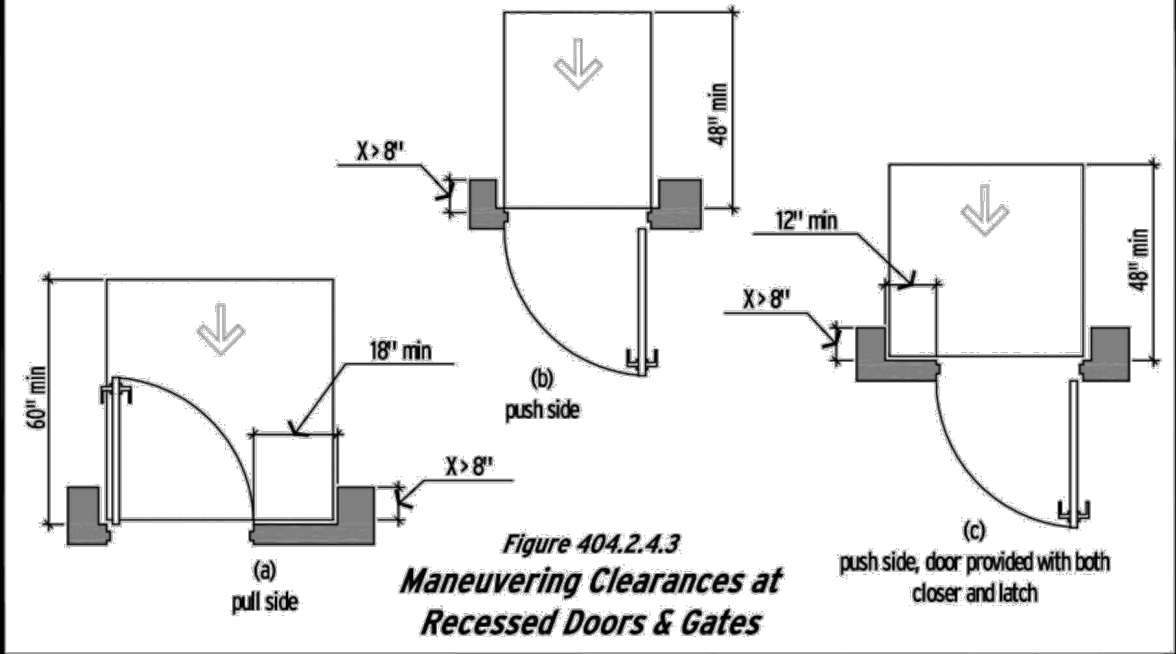
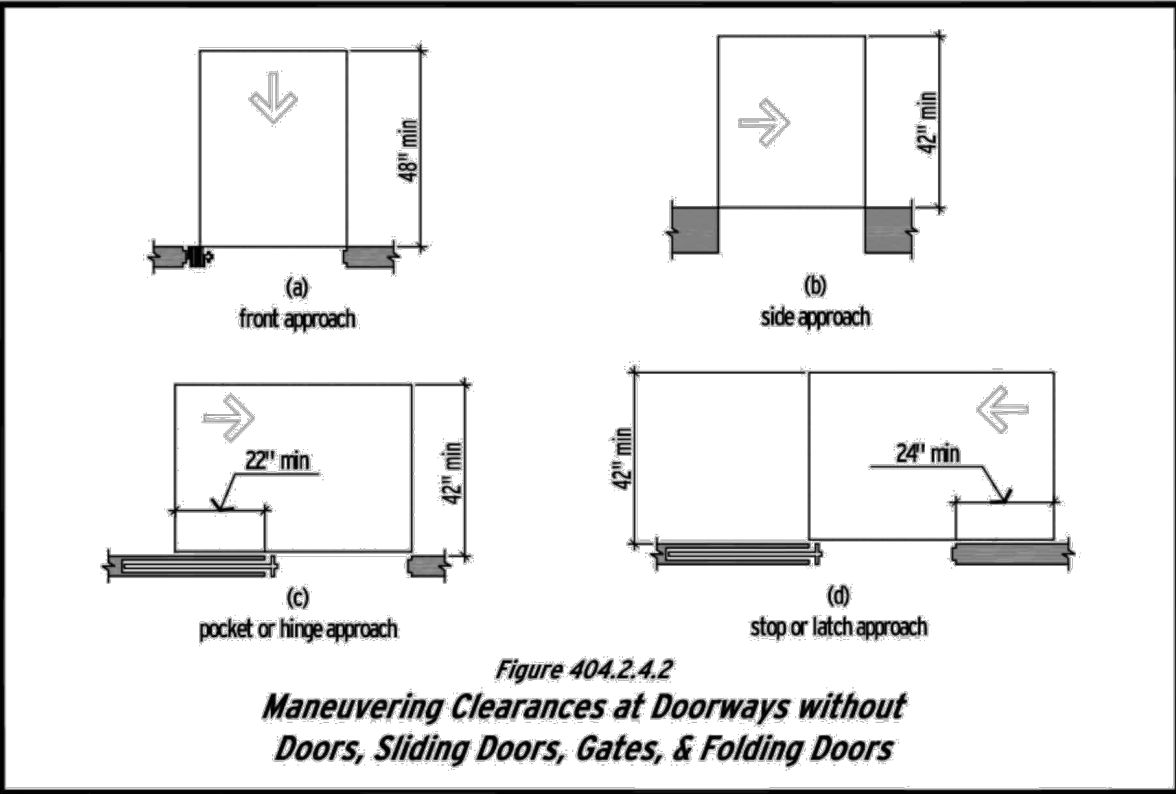
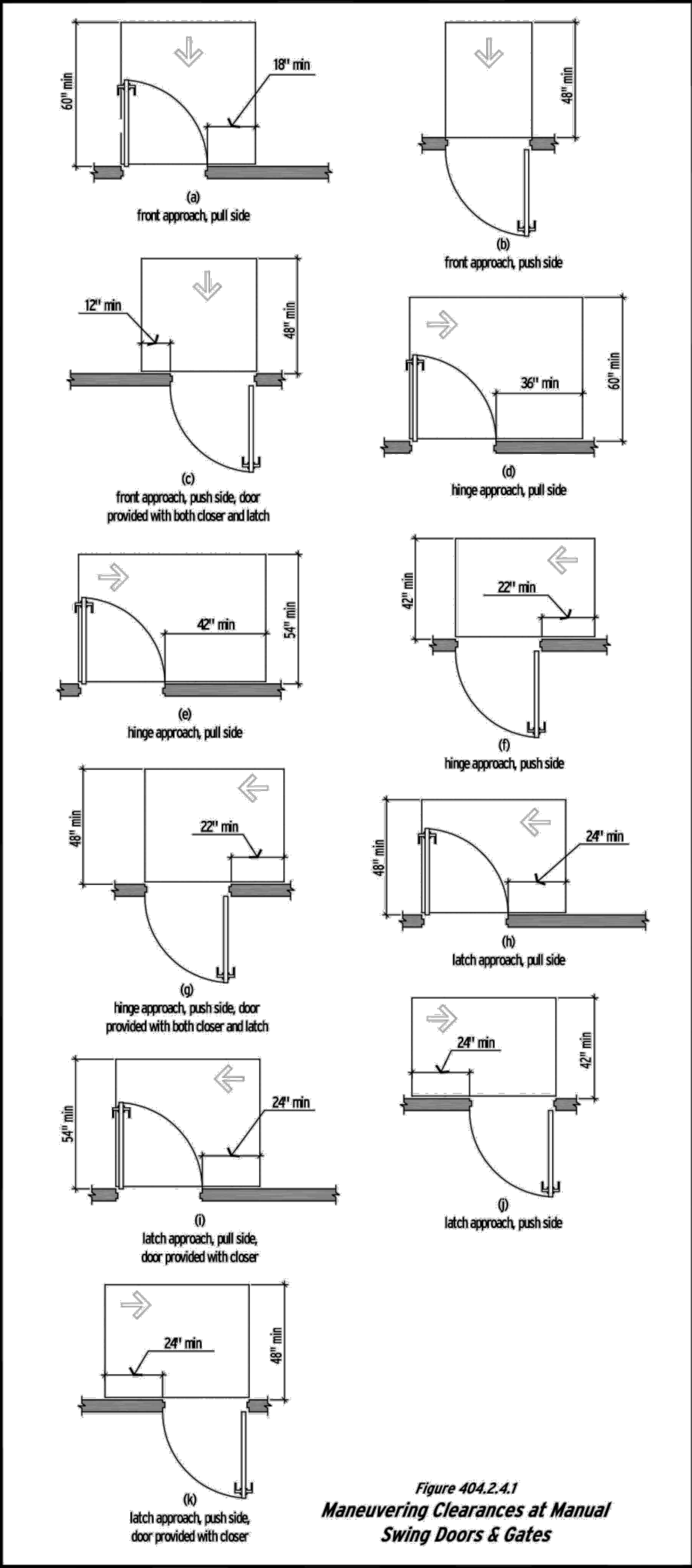
- Interior hinged doors and gates: 5 pounds maximum
- Sliding or folding doors: 5 pounds maximum

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door in a closed position.

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 48" minimum above the finish floor.

Exception: Vision lights with the lowest part more than 66" from the finish floor or ground shall not be required to comply with 404.2.11.

404.3 Automatic Doors and Power-Assisted Doors and Gates
Full-powered automatic doors shall comply with ANSI/BHMA A56.10-1999. Low-energy and power-assisted doors shall comply with ANSI A56.19 (1997 or 2002 edition). Doorways shall provide a clear opening of 32" minimum in power-on and power-off mode. The minimum clear width for automatic door systems in a doorway shall be based on the clear opening provided by all leaves in the open position.



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OWNER:	
JUBILATION PLANT-BASED KITCHEN (JUBILATION HEALTH & WELLNESS)	

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2411 CROFTON LANE SUITE 18A
CROFTON, MD

DESIGN CONSULTANT:
TSABA CORP
NADIF BRACEY
2544 CHAPMAN RD, STE 208.13130
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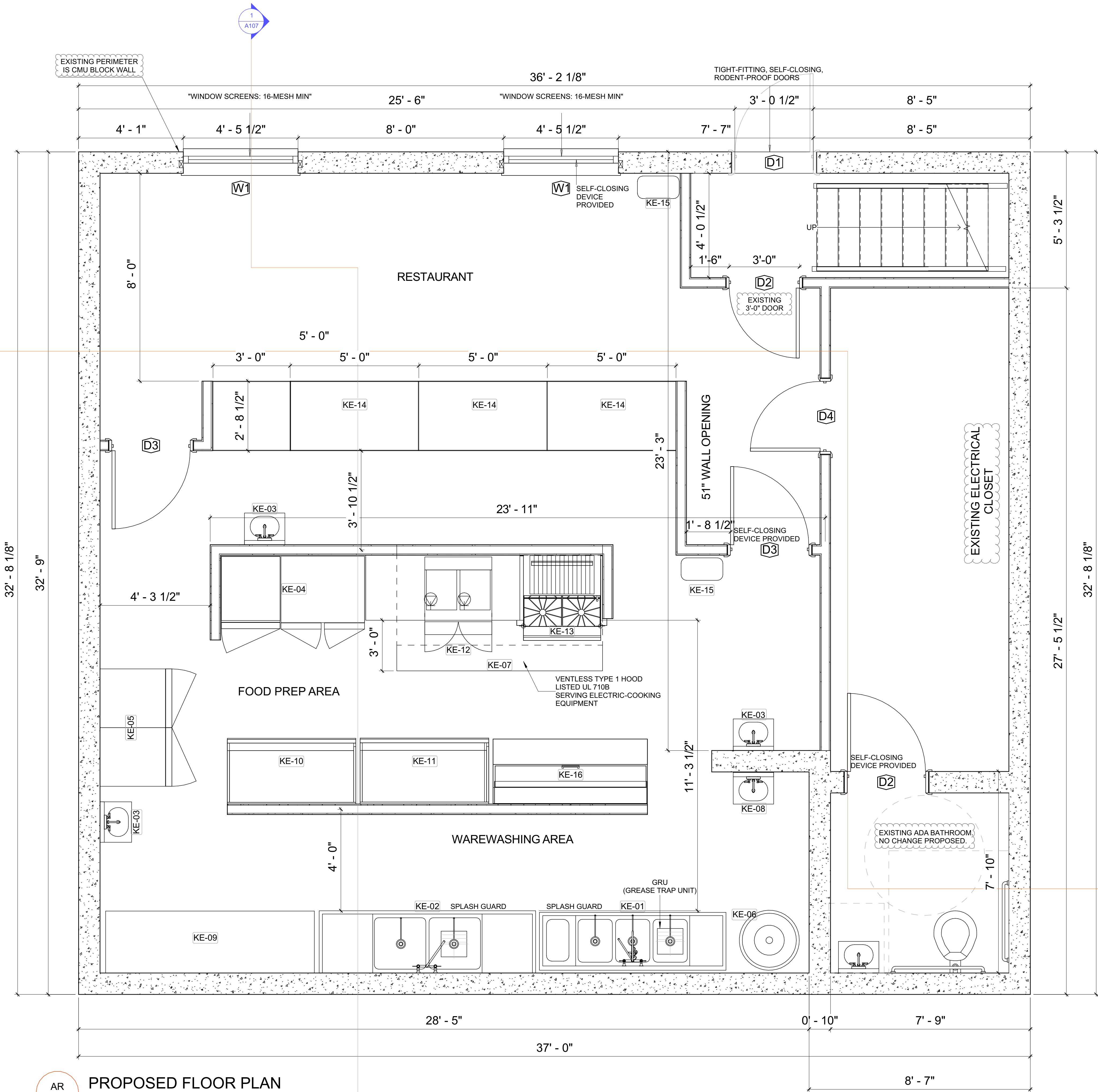
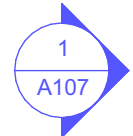
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DESIGN DRAWING

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ARCHITECTURAL

PROJECT TITLE:
RESTAURANT

DRAWING:
ACCESSIBILITY GUIDE

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-01	SCALE: NTS @A3



HEALTH DEPARTMENT NOTES

1.THE PROPOSED ESTABLISHMENT WILL BE LOCATED WITHIN THE ANNE ARUNDEL COUNTY AND MUST MEET THE REQUIREMENTS OF THE LOCAL CODES.

2.ALL PIPING, CONDUIT, BX CABLE, AND SIMILAR CONSTRUCTION WILL BE EITHER LOCATED INSIDE WALL OR INSTALLED WITH A MINIMUM 3/4" SPACE FROM THE WALL OR SEALED TO THE WALL.

3.ALL DOORS TO THE OUTSIDE WILL BE SELF-CLOSING AND RODENT PROOF.ALL DOORS MUST BE OF SOLID CONSTRUCTION DESIGN WITH NO GAPS GREATER THAN 1/4".

4.MINIMUM OF 50 FC OF SHIELDED LIGHT WILL BE PROVIDED AT ALL WORK SPACES IN FOOD PREPARATION AREA AND WASHING AREAS. 20 FC OF SHIELDED LIGHT WILL BE PROVIDED AT ALL STORAGE AREAS, RESTROOMS AND SEATING AREA DURING CLEANING.

5.ALL RESTROOM DOORS WILL BE SELF-CLOSING.

6.ALL FLOOR MOUNTED EQUIPMENT WILL BE PLACED ON NSF APPROVED 6" LEGS OR EQUIVALENT,AND PROPERLY SPACED FROM ADJACENT EQUIPMENT OR WALLS, OR PLACED ON NSF APPROVED CASTERS OR THE EQUIVALENT, OR PROPERLY SEALED TO ALL ADJACENT SURFACES.

7.ALL COUNTER MOUNTED FOOD SERVICE EQUIPMENT WEIGHING IN EXCESS OF 80 POUNDS WILL BE MOUNTED ON NSF APPROVED 4" LEGS.

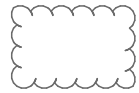
8.ALL EXPOSED RAW WOOD WILL BE SEALED / PAINTED.

9.ALL ANNULAR OPENING IN CONSTRUCTION WILL BE SEALED / CAULKED TO WITHIN 1/32".

10.ALL SINK INSTALLATION WILL BE EQUIPPED WITH HOT AND COLD RUNNING WATER THROUGH A MIXING VALVE OR COMBINATION FAUCET.

11.ALL PAINTING WILL BE LEAD-FREE, NON-METALLIC, EASILY CLEANABLE PAINT OR HIGH QUALITY VARNISH.

LEGEND



EXISTING TO REMAIN

AR
01

PROPOSED FLOOR PLAN

SCALE

1/4"=1'-0"



08/20/2026

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PROJECT TITLE:

RESTAURANT

DRAWING:

FLOOR PLAN

DRAWN BY:

D.M

CHECKED BY:

N.B

DATE:

03/10/2026

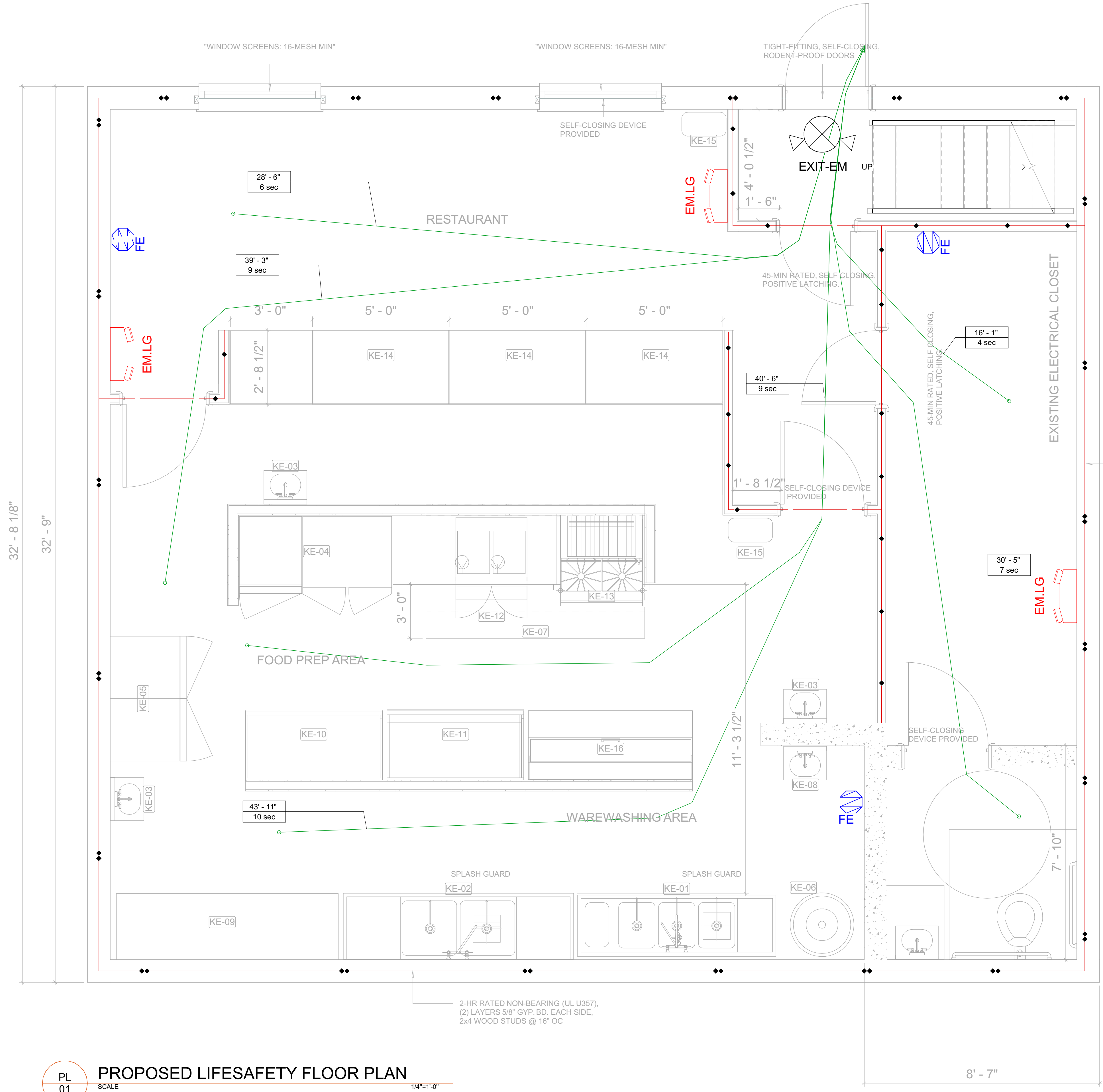
JOB NO:

SHT NO:

AR-02

SCALE:

1/4"=1'-0"



PL
01

PROPOSED LIFESAFETY FLOOR PLAN

SCALE 1/4"=1'-0"

Fire Resistive Wall Legend

	One Hour Rated
	One Hour Rated, Smoke Barrier
	Two Hour Rated
	FIRE EXTINGUISHERS



08/20/2026

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JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)

ADDRESS:

JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)

DESIGN CONSULTANT:

TSABA CORP
NADIF BRACEY
254 CHAPMAN RD, STE 208.13130
NEWARK, DELAWARE 19702
EMAIL: NADIF@TS9DESIGNS.COM

DRAWING STATUS:

DESIGN DRAWING

DISCIPLINE:

ARCHITECTURAL

PROJECT TITLE:

RESTAURANT

DRAWING:

LIFE SAFETY FLOOR PLAN

DRAWN BY: D.M. CHECKED BY: N.B. DATE: 03/10/2026

JOB NO: SHT NO: AR-03 SCALE: 1/4"=1'-0"

LIFE SAFETY NOTES

1. MAX EXIT TRAVEL DISTANCE = 200 FT (UNSPRINKLED)
2. EXIT SIGNS INTERNALLY ILLUMINATED CONNECTED TO EMERGENCT CIRCUIT
3. 2A:10BC FIRE EXTINGUISHER MAX TRAVEL DISTANCE 75 FT

EQUIPMENT SCHEDULE				
	QUANTITY	MANUFACTURE	ITEM	DESCRIPTION
KE-01	1	JOHN BOSS	3-COMPARTMENT SINK	JOHN BOSS, PRO-BOWL COMPARTMENT SINKS 3 COMPARTMENT W/2 DRAIN BOARDS, MODEL-3PB204-2D18 147 DIMENSIONS - 87 1/4"(L)x 27"(W)x14"(D)
KE-02	1	JOHN BOSS	PREP SINK	JOHN BOSS STAINLESS STEEL WALL MOUNT PREP SINK W/2 DRAIN BOARDS 101"(L) x 29" (W) x 15" (D)
KE-03	3	ACE EQUIPMENT	HAND SINK	ACE STAINLESS STEEL WALL MOUNT HAND SINK 18"(L) x 14 3/4" (W) x 15" (D)
KE-04	1	DUKERS APPLIANCE CO	REACH-IN FREEZER	REACH-IN FREEZER - MODEL- D28AF DIMENSIONS: 66 3/4"(L)x33 3/4"(W)x83"(H)
KE-05	1	TURBO AIR	REFRIGERATOR	TURBO AIR COMMERCIAL REACH-IN REFRIGERATOR, STAINLESS STEEL DOUBLE DOOR DIMENSIONS 54 1/4"(L)x33 1/2"(W)x78"(H)
KE-06	1	A.O. SMITH	HOT WATER HEATER	A.O. SMITH COMMERCIAL ELECTRIC HOT WATER HEATER 80 GALLONS CAPACITY, FLOOR MOUNTED
KE-07	1	CAPTIVEAIRE	VENTLESS HOOD	STAINLESS STEEL VNH SERIES TYPE 1 ELECTRICAL COMMERCIAL HOOD DIMENSIONS: 96"(L)x58 3/4"(W)x24"(D)
KE-08	1	STEEL WORKS	MOP SINK	16 GAUGE STAINLESS STEEL FLOOR MOP SINK DIMENSIONS: 18 7/8(L) X 14 3/4(W) X 14(D)
KE-09	1	JOHN BOSS	STAINLESS STEEL TABLE	STAINLESS STEEL TOP WORK TABLE MODEL - ST6R5-3096SSK, DIMENSIONS - 97"(L)x29"(W)x36"(H)
KE-10	1	DELRAY FOODSERVICE EQUIPMENT	REFRIGERATED PREP TABLE	PREPARATION REFRIGERATOR ATOSA USA, INC. MODEL MSF3610GR DIMENSIONS: 60"(L) X 30"(W) X 40"(H)
KE-11	1	JOHN BOSS	SOILED DISH TABLE	SOILED DISHTABLES, STRAIGHT, WITH STAINLESS STEEL BASE, DISHABLE LOCATION- LH, MODEL - CDT-S-SBK, SIZE- 36
KE-12	1	FRYMASTER	AIR FRYER	COMMERCIAL ELECTRIC COUNTER TOP AIR FRYER CAPACITY 10-12 LBS PER BATCH
KE-13	1	VENANCIO	STOCK POT RANGE	STOCK POT RANGE, STAINLESS STEEL FRONT AND SIDES, 36 1/32"X20 31/32" CAST IRON TOP GRATES/ MODEL:PSP181
KE-14	3	STEEL WORKS	SERVICE COUNTER	16 GAUGE STAINLESS STEEL SERVICE COUNTER DIMENSIONS 60"(L)x32 1/2"(W)x36"(H)
KE-15	2	RUBBERMAID	TRASH CAN	COMMERCIAL PLASTIC TRASH CAN 32-50 GALLON CAPACITY
KE-16	1	DELRAY FOODSERVICE EQUIPMENT	REFRIGERATED PREP TABLE	PREPARATION REFRIGERATOR ATOSA USA, INC. MODEL MSF3610GR DIMENSIONS: 72"(L) X 30"(W) X 40"(H)



08/20/2026

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architecture + design
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OWNER SIGNATURE

REVISION STATUS			
REV	DATE	DESCRIPTION	DRAWN BY
00	03/28/2025		
01			
02			
03			
04			

CLIENT/CONSULTANT APPROVAL STATUS	
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APPROVED WITH NOTES	
RESUBMIT	
DISAPPROVED	

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CROFTON, MD

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DRAWING STATUS:
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DISCIPLINE:
ARCHITECTURAL

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RESTAURANT

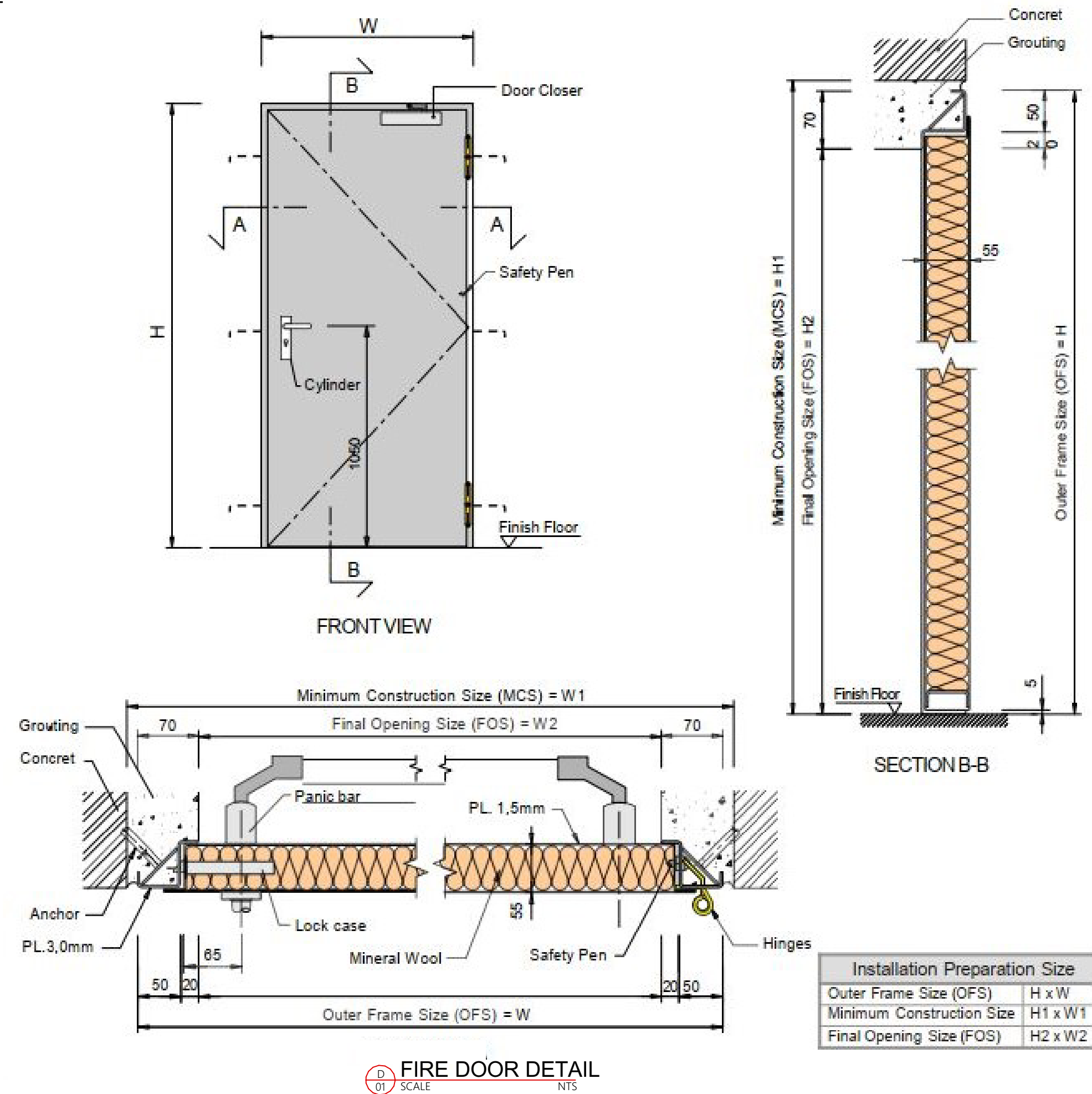
DRAWING:
EQUIPMENT SCHEDULE

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-04	SCALE: NTS @A3

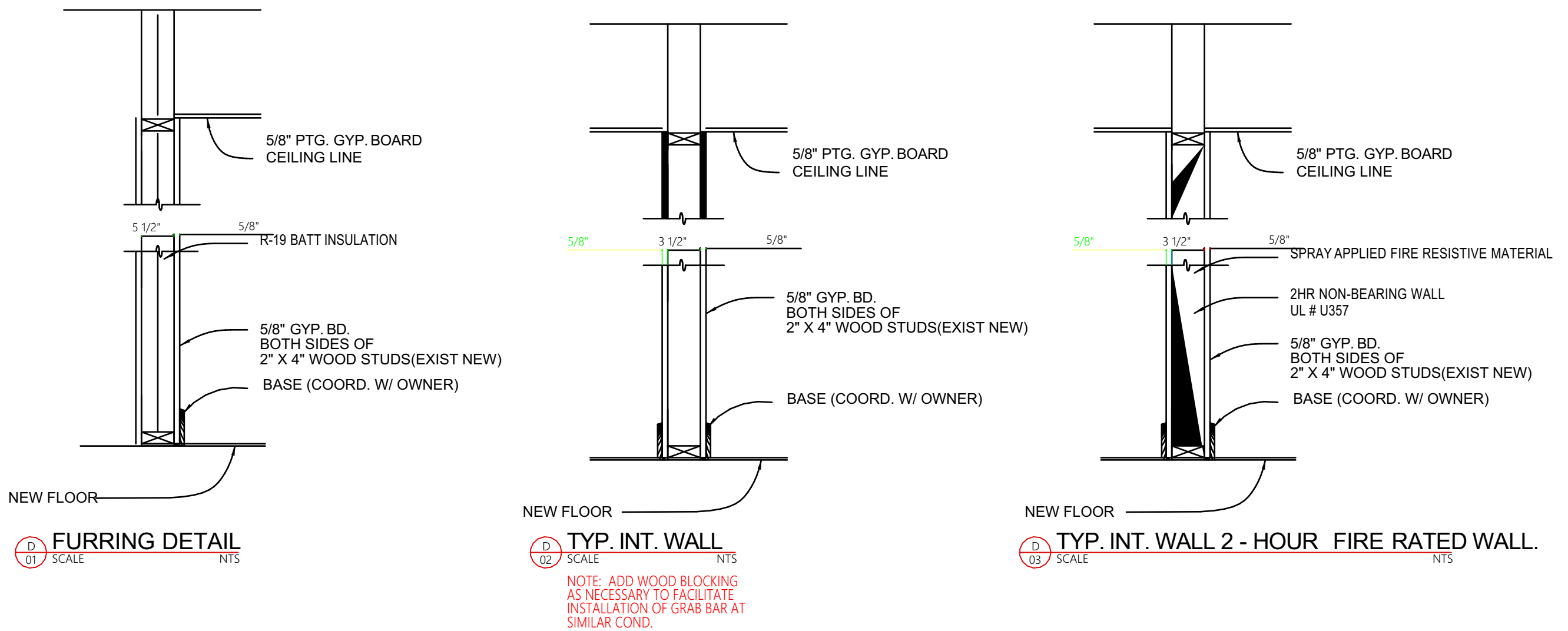
ROOM FINISH SCHEDULE					
ROOM NUMBER	LOCATION	FLOOR	BASE	WALL	CEILING
	RESTAURANT	CERAMIC TILES-	PAINTED WOOD	FRP PANEL	SMOOTH DRYWALL
	SERVICE COUNTER	CERAMIC TILES-	PAINTED WOOD	FRP PANEL	SMOOTH DRYWALL
	KITCHEN	EXPOXY/QURRAY TILES	PAINTED WOOD	FRP PANEL	SMOOTH DRYWALL
	ELECTRICAL ROOM	SEALED CONCRETE OR PROXY	PAINTED WOOD	WASABLE PAINT	SMOOTH DRYWALL

[illegible]

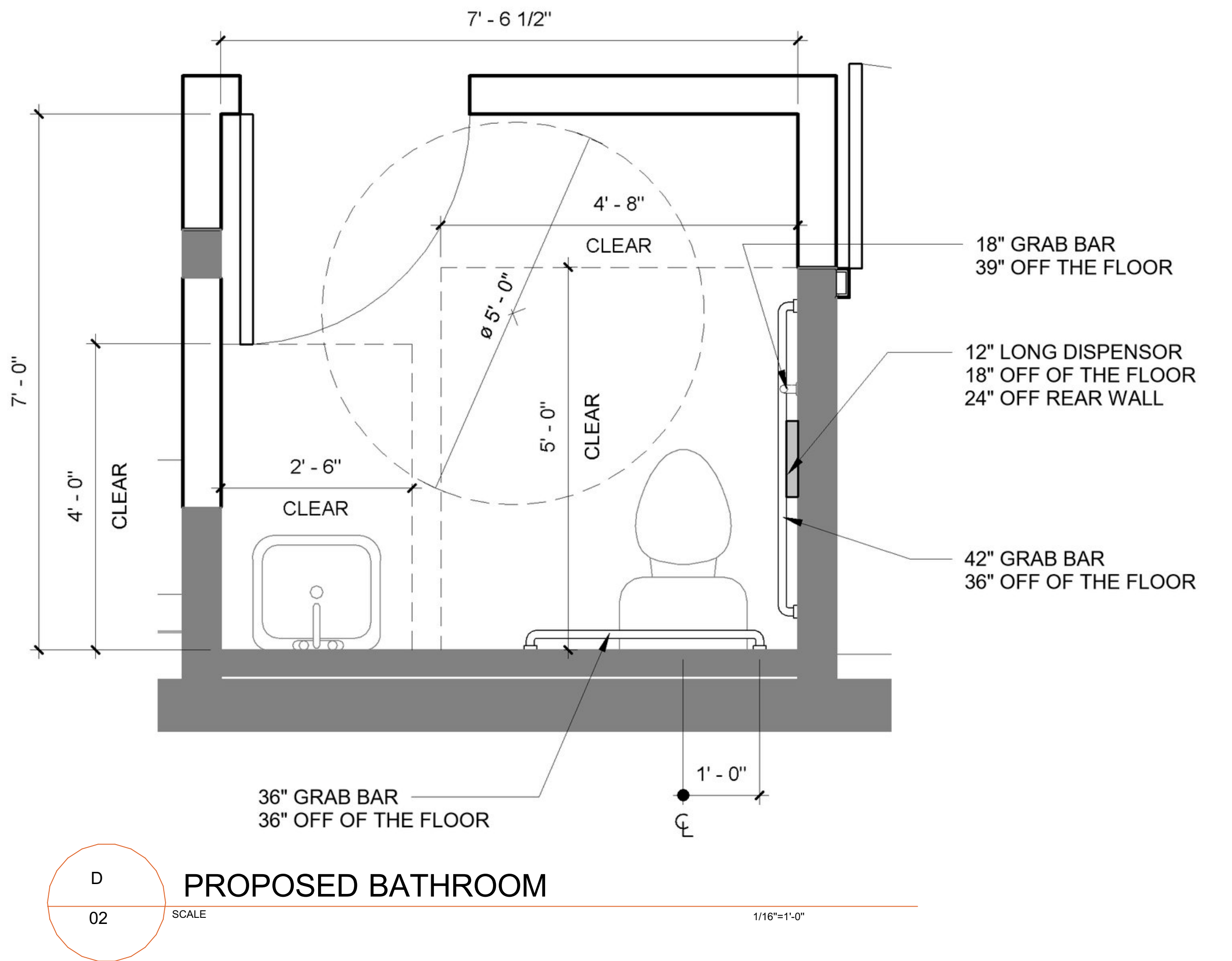
WINDOW SCHEDULE								
TAG	LOCATION	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME	HARDWARE SET
W1	EXISTING STOREFRONT	53.5"	7'-0"	-	ALUM / GLASS	-	STOREFRONT	
W1	EXISTING STOREFRONT	53.5"	7'-0"	-	ALUM / GLASS	-	STOREFRONT	



TYPE DEVICE LOCATION	PARTITION TYPES
<u>DOOR NOTES</u> 1. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. 2. LATCHES, HANDLES, PANIC BARS AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS. 3. THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS FROM THE OUTSIDE IN CASE OF AN EMERGENCY. 4. ALL DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS. 5. MAXIMUM EFFORT TO OPERATE EXTERIOR OR INTERIOR DOORS WITH CLOSERS SHALL NOT EXCEED 5 POUNDS. THIS MAY BE INCREASED TO 15 POUNDS FOR FIRE-RATED DOORS. 6. THE BOTTOM OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION	
TYPE DEVICE LOCATION	PARTITION TYPES



NOTE
(1) UNISEX ADA RESTROOM PROVIDED. FIXTURE COUNT MEETS IBC TABLE 2902.1 REQUIREMENTS FOR <50 SEATS DINING OCCUPANCY.



LEGEND	
SYMBOL	DESCRIPTION
	= EXIT LIGHT
 EM.LG	= EMERGENCY LIGHT
	= EXIT & EMERGENCY LIGHT COMBO
 FE	= 2A10BC FIRE EXTINGUISHER (CAPACITY=5LB) SET TOP AT 5FT.A.F.F



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DRAWING STATUS:

DESIGN DRAWING

DISCIPLINE: MECHANICAL

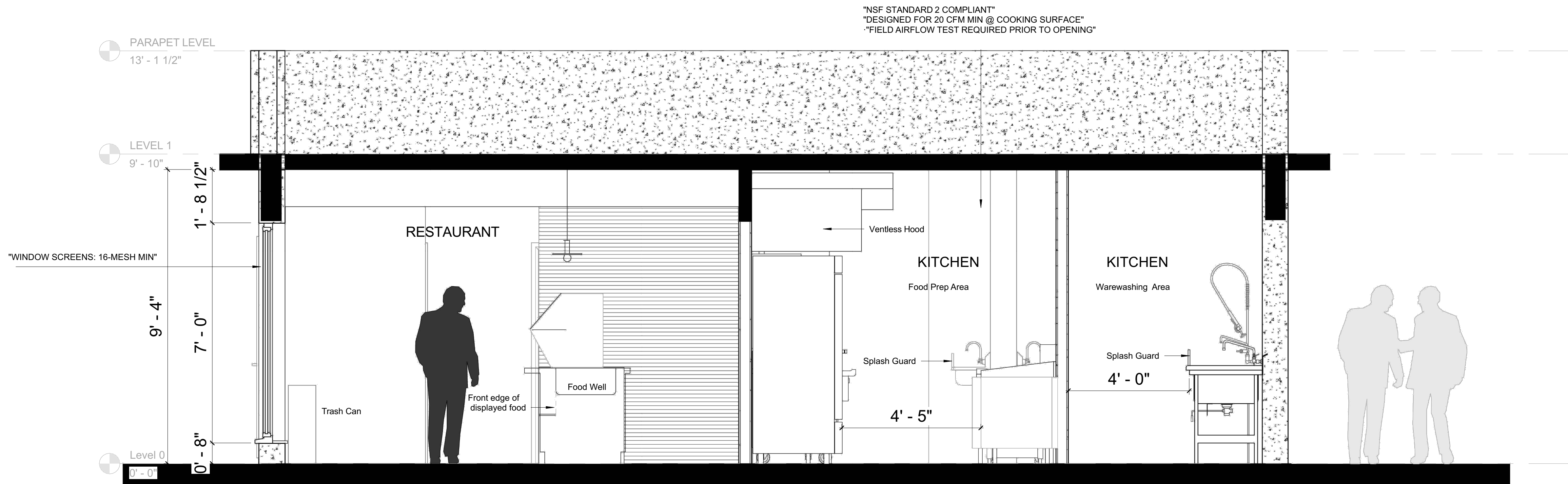
PROJECT TITLE:

RESTAURANT

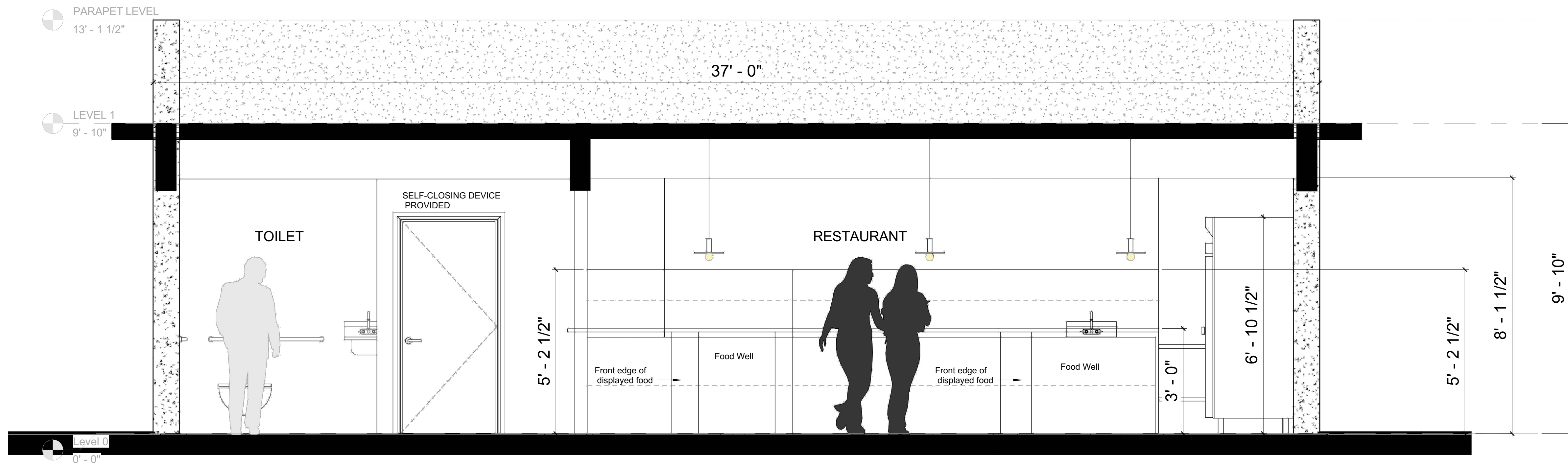
DRAWING:

PARTITION/SCHEDULE

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-05	SCALE: NTS @A3



AR 03 INTERIOR SECTION
SCALE 1/4"=1'-0"



AR 03 INTERIOR SECTION
SCALE 1/4"=1'-0"



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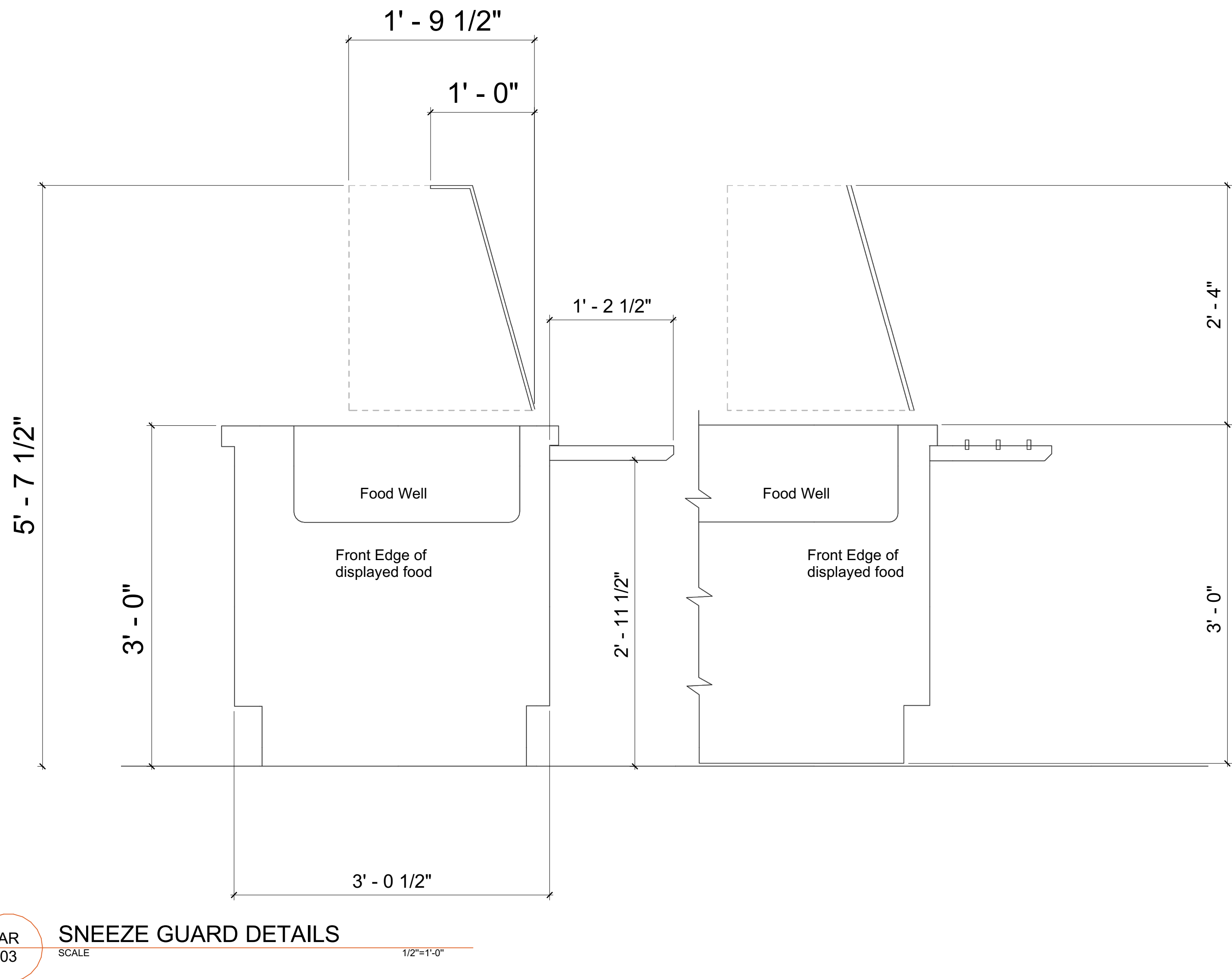
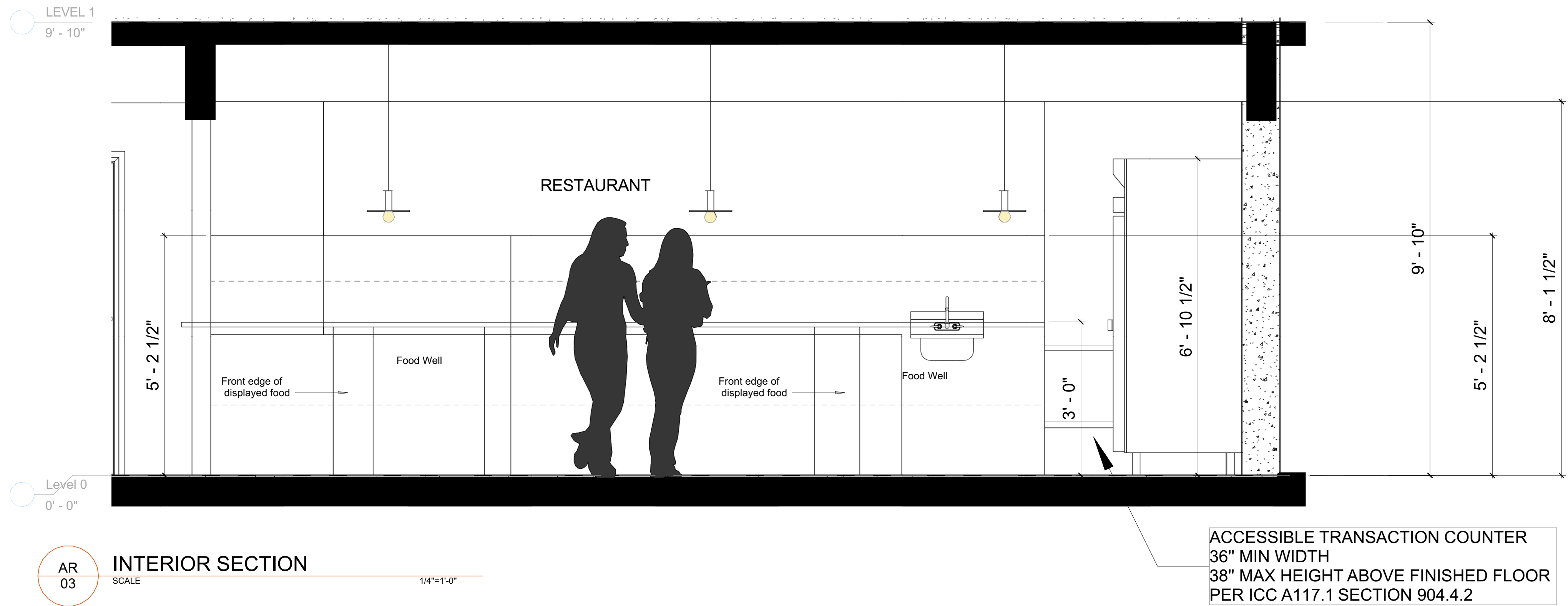
DRAWING STATUS:
DESIGN DRAWING

DISCIPLINE:
ARCHITECTURAL

PROJECT TITLE:
RESTAURANT

DRAWING:
SECTIONS

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-06	SCALE: 1/4"=1'-0"



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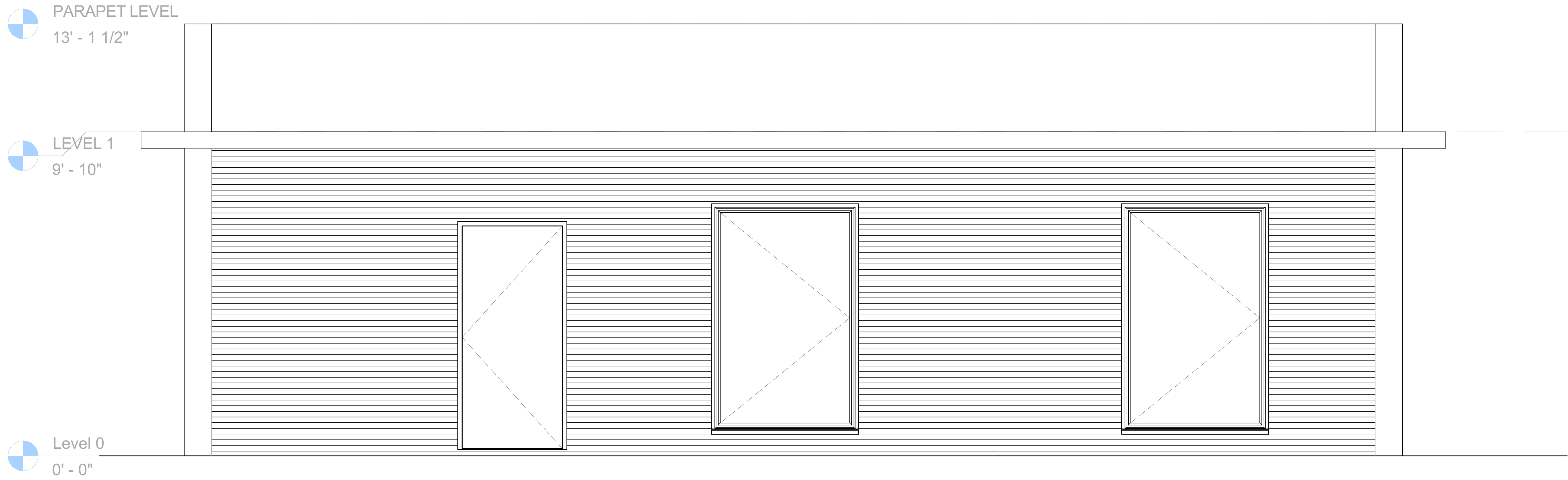
RESTAURANT

DRAWING:

SECTIONS

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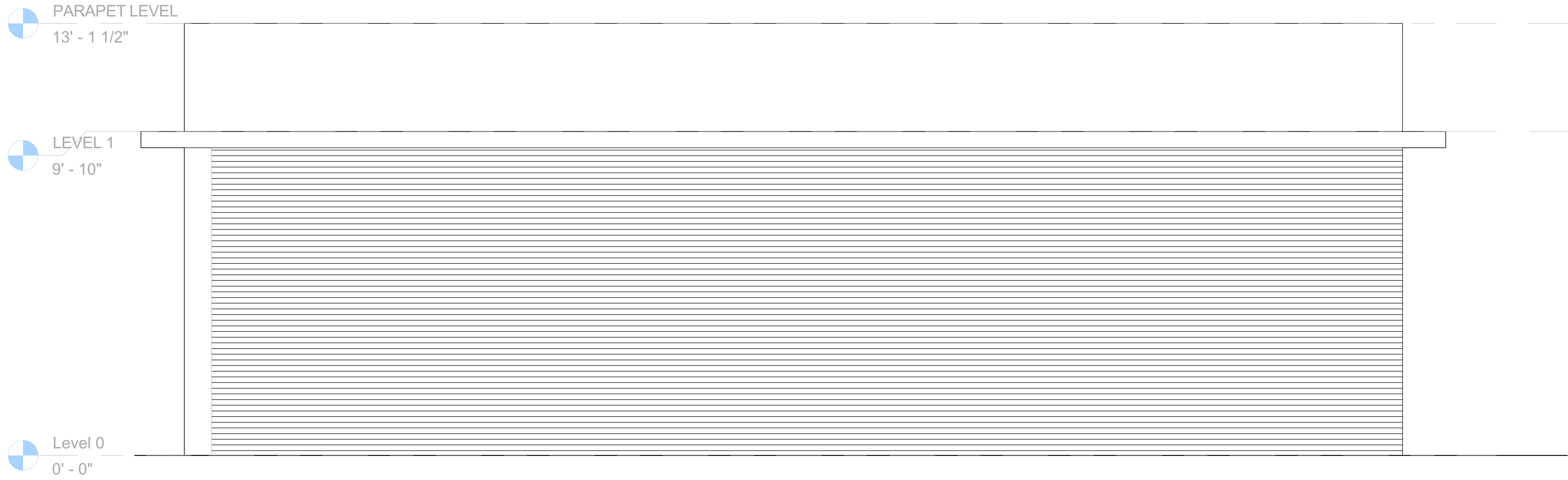
JOB NO: SHT NO: AR-07 SCALE: 1/4"=1'-0"



AR
0303

NORTH ELEVATION

SCALE1/4"=1'-0"



AR
0303

SOUTH ELEVATION

SCALE1/4"=1'-0"



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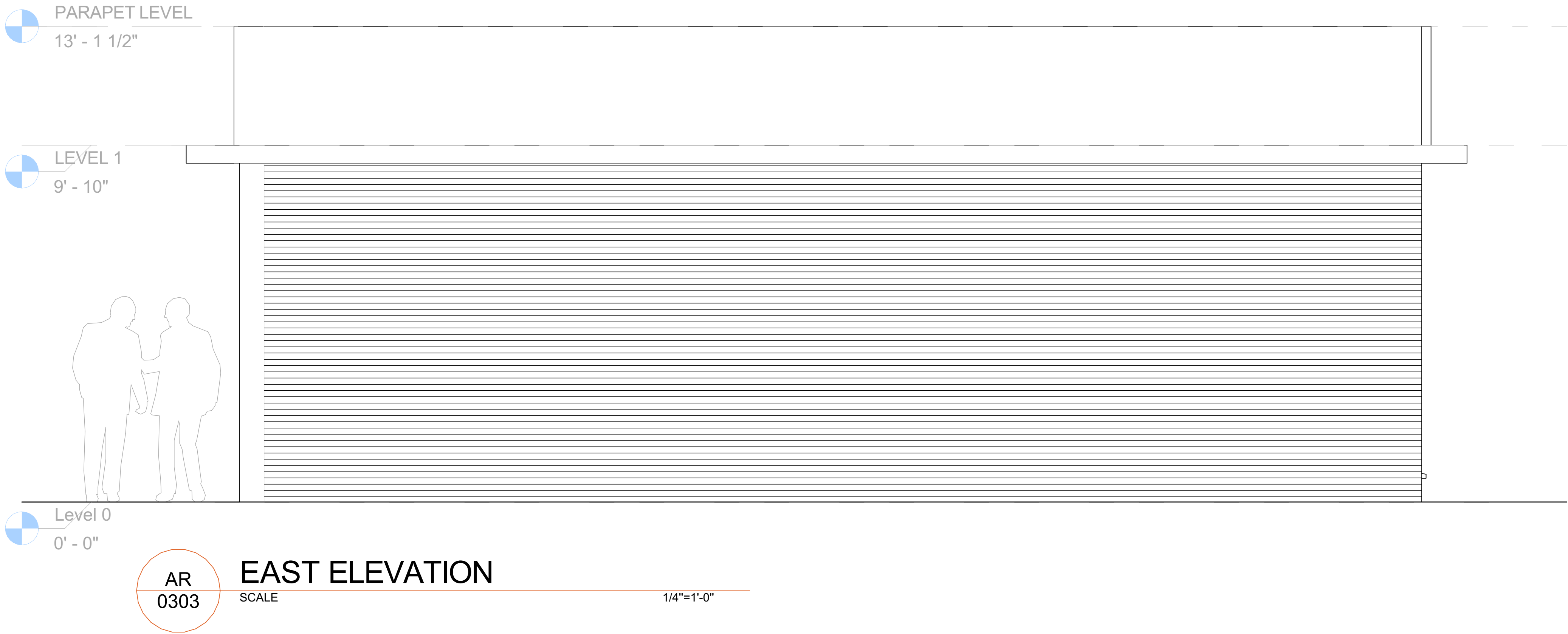
DRAWING STATUS:
DESIGN DRAWING

DISCIPLINE:
ARCHITECTURAL

PROJECT TITLE:
RESTAURANT

DRAWING:
ELEVATIONS

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-08	SCALE: 1/4"=1'-0"



08/20/2026

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DRAWING STATUS:
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DISCIPLINE:
ARCHITECTURAL

PROJECT TITLE:
RESTAURANT

DRAWING:
ELEVATIONS

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: AR-09	SCALE: 1/4"=1'-0"

BASIC ELECTRICAL REQUIREMENTS:

1. GENERAL: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 NEC NATIONAL ELECTRICAL CODE (NEC) AND NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED. ALL ELECTRICAL WORK SHALL COMPLY WITH ADA RECOMMENDATIONS. ALL ELECTRICAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMAN LIKE MANNER BY A LICENSED ELECTRICIAN, OR A CERTIFIED APPRENTICE WORKING UNDER THE DIRECT SUPERVISION OF A LICENSED ELECTRICIAN, USING THE BEST METHODS KNOWN TO THE TRADE AND SHALL PRESENT A NEAT AND PROFESSIONAL APPEARANCE WHEN COMPLETED. THE OWNER RESERVES THE RIGHT TO CHANGE, WITHOUT ADDITIONAL COST, THE LOCATION OF ANY APPARATUS OR OUTLET PROVIDED THAT THE CHANGE DOES NOT ADD MORE THAN 10 FT TO THE FEEDER. ADN IS ORDERED BEFORE INSTALLATION OF THE AFFECTED PORTION OF THE WORK IS COMMENCED. CONTRACTOR SHALL BRING ALL CONFLICTS ON THE DRAWINGS TO THE OWNERS ATTENTION FOR HIS RESOLUTION PRIOR TO PERFORMING THAT WORK.

2. THE CONTRACTOR SHALL SURVEY THE PROJECT SITE PRIOR TO THE BID TO ASSESS ACTUAL FIELD CONDITIONS. FAILURE TO PERFORM THIS INSPECTION BINDS THE CONTRACTOR TO PERFORM THE WORK WITHOUT EXTRA CHARGES DESPITE THE IGNORANCE OF REASONABLY ANTICIPATED CONDITIONS.

3. ROUGH-INS: THE CONTRACTOR SHALL VERIFY AND COORDINATE THE ROUGH-IN REQUIREMENTS OF EACH ITEM OF EQUIPMENT WITH THE CONTRACTOR SUPPLYING THE EQUIPMENT.

4. INSTALLATION: THE ELECTRICAL DRAWINGS INDICATE THE EXTENT AND GENERAL LOCATION AND ARRANGEMENT OF EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL DETAILS OF THE WORK AND THE MATERIALS TO BE INSTALLED. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS WILL BE PROPERLY LOCATED AND READILY ACCESSIBLE. THE CONTRACTOR SHALL SEQUENCE, COORDINATE, AND INTEGRATE THE VARIOUS ELEMENTS OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS. COMPLY WITH THE FOLLOWING REQUIREMENTS:

A. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS.

B. COORDINATE ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS AND TRADES.

C. ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER BUILDING COMPONENTS DURING PROGRESS OF CONSTRUCTION, TO ALLOW FOR INSTALLATION OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS.

D. SEQUENCE, COORDINATE, AND INTEGRATE INSTALLATION OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS FOR EFFICIENT FLOW OF THE WORK.

E. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS TO PROVIDE MAXIMUM HEADROOM POSSIBLE.

F. INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS TO CONFORM WITH APPROVED SUBMITTAL DATA TO THE GREATEST EXTENT POSSIBLE. CONFORM TO THE ARRANGEMENTS INDICATED ON THE ELECTRICAL DRAWINGS, RECOGNIZING THAT PORTIONS OF THE WORK ARE SHOWN ONLY IN DIAGRAMMATIC FORM. WHERE COORDINATION REQUIREMENTS CONFLICT WITH INDIVIDUAL SYSTEM REQUIREMENTS, REFER CONFLICT TO THE ARCHITECT/ENGINEER OR OWNER'S REPRESENTATIVE FOR RESOLUTION.

G. IN GENERAL, INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO BUILDING LINES AND/OR FEATURES AND/OR OTHER BUILDING SYSTEMS.

H. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE, AND REPAIR OR REPLACEMENT OF EQUIPMENT AND COMPONENT PARTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.

I. INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS GIVING RIGHT-OF-WAY PRIORITY TO SYSTEMS REQUIRED TO BE INSTALLED AT A SPECIFIC SLOPE (INCL. SPRINKLER SYSTEMS).

5. CUTTING AND PATCHING: ALL ELECTRICAL WORK SHALL BE CAREFULLY LAID OUT IN ADVANCE, AND WHERE CUTTING, CHANNELING, CHASING, OR DRILLING OF FLOORS, WALLS, PARTITIONS, CEILINGS, OR OTHER SURFACES IS NECESSARY FOR THE PROPER INSTALLATION, SUPPORT, OR ANCHORAGE OF CONDUIT OR OTHER ELECTRICAL WORK, THIS WORK SHALL BE CAREFULLY DONE. ANY RESULTING DAMAGE TO THE BUILDING OR OTHER SYSTEMS, EQUIPMENT, OR MATERIALS SHALL BE REQUIRED BY SKILLED MECHANICS OF THE TRADES INVOLVED, AT NO ADDITIONAL COST TO THE OWNER.

6. PRODUCTS: SYSTEMS, EQUIPMENT, AND MATERIALS DESCRIBED ON THE ELECTRICAL DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MINIMUM STANDARDS FOR QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. ALL SYSTEMS, EQUIPMENT, AND MATERIALS SHALL BE NEW AND SHALL BEAR THE UL LABEL OR BE UL LISTED, WHERE APPLICABLE, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC AND NEMA STANDARDS.
7. SUBSTITUTIONS: WHERE SYSTEMS, EQUIPMENT, OR MATERIALS ARE SPECIFIED BY MANUFACTURER OR BRAND NAME AND CATALOG NUMBER, SUCH SPECIFICATION SHALL ESTABLISH THE MINIMUM STANDARDS FOR QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. SYSTEMS, EQUIPMENT, AND MATERIALS SO SPECIFIED SHALL BE FURNISHED UNDER THE CONTRACT UNLESS CHANGED BY WRITTEN AGREEMENT. SHOULD THE CONTRACTOR PROPOSE TO FURNISH PRODUCTS OTHER THAN THOSE SPECIFIED, AS PERMITTED BY "OR APPROVED EQUAL" CLAUSES, HE SHALL SUBMIT A WRITTEN REQUEST FOR SAID SUBSTITUTIONS THROUGH APPROPRIATE CHANNELS TO THE ARCHITECT ENGINEER FOR HIS REVIEW. SUCH REQUEST SHALL BE ACCOMPANIED WITH COMPLETE DESCRIPTIVE LITERATURE INCLUDING, BUT NOT LIMITED TO, CATALOG CUT SHEETS, BROCHURES, CIRCULARS, SPECIFICATIONS, PERFORMANCE DATA, INSTALLATION INSTRUCTIONS, SHOP DRAWINGS, AND OTHER PRINTED INFORMATION IN SUFFICIENT DETAIL AND SCOPE TO VERIFY COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT. DESCRIPTIVE LITERATURE ON PROPOSED SUBSTITUTIONS SHALL BE CLEAR, CONCISE, AND LOGICALLY ARRANGED. ALL DATA WHICH IS, AND IS NOT, APPLICABLE SHALL BE CLEARLY IDENTIFIED AS SUCH. IF REQUESTED, THE CONTRACTOR SHALL SUBMIT SAMPLES OF BOTH SPECIFIED AND PROPOSED ITEMS FOR INSPECTION. DESCRIPTIVE LITERATURE ON PROPOSED SUBSTITUTIONS SHALL BE RETURNED WITHOUT REVIEW IF NOT PROPERLY PREPARED. ACCEPTANCE OR REJECTION OF PROPOSED SUBSTITUTIONS SHALL BE UP TO THE DESCRIPTION OF THE ARCHITECT/ENGINEER AND/OR THE OWNER.

8. SUBMITTALS: THE CONTRACTOR SHALL FOLLOW THE GENERAL PROVISIONS OF THE CONTRACT AND ESTABLISHED PROCEDURES. SUBMITTALS SHALL CONSIST OF COMPLETE DESCRIPTIVE LITERATURE INCLUDING, BUT NOT LIMITED TO, CATALOG CUT SHEETS, BROCHURES, CIRCULARS, SPECIFICATIONS, PERFORMANCE DATA, INSTALLATION INSTRUCTIONS, SHOP DRAWINGS, AND OTHER PRINTED INFORMATION IN SUFFICIENT DETAIL AND SCOPE TO VERIFY COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT. DESCRIPTIVE LITERATURE SHALL BE CLEAR, CONCISE, AND LOGICALLY ARRANGED. ALL DATA WHICH IS, AND IS NOT, APPLICABLE SHALL BE CLEARLY IDENTIFIED AS SUCH. IF REQUESTED, THE CONTRACTOR SHALL SUBMIT SAMPLES OF SPECIFIED ITEMS FOR INSPECTION. DESCRIPTIVE LITERATURE SHALL BE RETURNED WITHOUT REVIEW IF NOT PROPERLY PREPARED. THE FOLLOWING SYSTEMS, EQUIPMENT, AND MATERIALS, AS A MINIMUM, REQUIRE SUBMITTALS:

A. ANY PROPOSED SUBSTITUTIONS:

B. WIRING DEVICES.

C. PANELBOARDS.

D. DISCONNECT SWITCHES.

E. CIRCUIT BREAKERS.

F. LIGHTING FIXTURES INCLUDING BALLASTS.

9. RECORD DRAWINGS: THE CONTRACTOR SHALL MAINTAIN AT THE SITE A CLEAN, UNDAMAGED SET OF BLUE- OR BLACK-LINE WHITE PRINTS OF CONTRACT DRAWINGS. THIS RECORD SET OF CONTRACT DRAWINGS SHALL BE MARKED TO SHOW THE ACTUAL INSTALLATION AND WHERE THE ACTUAL INSTALLATION VARIES SUBSTANTIALLY FROM THE ELECTRICAL WORK AS ORIGINALLY SHOWN. MARK WHICHEVER DRAWINGS ARE MOST CAPABLE OF SHOWING CONDITIONS FULLY AND ACCURATELY. GIVE PARTICULAR ATTENTION TO CONCEALED ELEMENTS THAT WOULD BE DIFFICULT TO MEASURE AND RECORD AT A LATER DATE. MARK RECORD DRAWINGS WITH A RED ERASABLE PENCIL. USE OTHER COLORS TO DISTINGUISH BETWEEN VARIATIONS IN SEPARATE CATEGORIES OF THE ELECTRICAL WORK. NOTE CONTRACT MODIFICATIONS AND APPROVED SUBSTITUTIONS WHERE APPLICABLE.

10. PROTECTION OF INSTALLED SYSTEMS, EQUIPMENT, AND MATERIALS: PROTECT INSTALLED SYSTEMS, EQUIPMENT, AND MATERIALS FROM DAMAGE UNTIL FINAL ACCEPTANCE BY THE OWNER. REPAIR OR REPLACE, AT NO ADDITIONAL COST TO THE OWNER, DAMAGED SYSTEMS, EQUIPMENT, AND MATERIALS TO THE SATISFACTION OF THE ARCHITECT/ ENGINEER AND/ OR OWNER.

11. CLEANING: UPON COMPLETION OF INSTALLATION, INSPECT INTERIOR AND EXTERIOR OF ALL ELECTRICAL EQUIPMENT. REMOVE PAINT SPLATTERS AND OTHER SPOTS, DIRT, AND DEBRIS. TOUCH-UP SCRATCHES AND MARKS OF FINISH TO MATCH ORIGINAL FINISH.

12. CERTIFICATIONS: THE FOLLOWING SHALL BE OBTAINED AND SUBMITTED TO THE OWNER PRIOR TO FINAL PAYMENT:

A. ELECTRICAL SYSTEMS: A CERTIFICATE OF FINAL INSPECTION AND APPROVAL BY THE AUTHORITIES HAVING JURISDICTION

13. GUARANTEE: THE CONTRACTOR SHALL SUBMIT A WRITTEN GUARANTEE TO THE OWNER, PRIOR TO FINAL PAYMENT. THE GUARANTEE SHALL REQUIRE THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR ONE YEAR AFTER FINAL ACCEPTANCE BY THE OWNER. THE GUARANTEE SHALL STATE THAT THE OWNER IS NOT LIABLE FOR PARTS AND LABOR COSTS INCURRED BY THE CONTRACTOR IN THE REPAIR OF ACTUAL PRODUCT OR INSTALLATION DEFECTS. THE GUARANTEE SHALL STATE THAT THE ON-SITE RESPONSE TIME TO REQUESTS FOR ASSISTANCE WILL BE 24 HOURS FOR NON-EMERGENCY CONDITIONS AND 2 HOURS FOR EMERGENCY CONDITIONS.

ELECTRICAL MATERIALS:

1. RACEWAYS:

A. RIGID GALVANIZED STEEL (RGS) CONDUIT: ANSI C80.1.

B. ELECTRICAL METALLIC TUBING (EMT) AND FITTINGS: ANSI C80.3 WITH COMPRESSION TYPE FITTINGS.

C. LIQUIDTIGHT FLEXIBLE METAL CONDUIT: UL 360. FLEXIBLE STEEL CONDUIT WITH PVC JACKET.

D. NONMETALLIC CONDUIT AND TUBING (ENT): NEMA TC 13

2. BOXES:

A. SHEET METAL: NEMA OS 1.

B. CAST METAL: NEMA FB 1, TYPE FD, CAST FRAILLY BOX WITH CASKETED COVER.

C. HINGED COVER ENCLOSURES: NEMA 250, GALVANIZED STEEL ENCLOSURE WITH CONTINUOUS HINGE COVER, QUICK RELEASE TYPE LATCHES, REMOVABLE INTERIOR PANEL, AND MANUFACTURER'S STANDARD GRAY ENAMEL INSIDE AND OUT.

3. WIRES AND CABLES:

A. CONDUCTOR MATERIAL: ANNEALED COPPER.

B. INSULATION: THHN/THWN CONFORMING TO WC 5.

C. CONDUCTORS #16 AWG AND SMALLER SHALL BE SOLID; CONDUCTORS #14 AWG AND LARGER SHALL BE STRANDED. MC CABLE IS PERMITTED FOR BRANCH CIRCUITRY, AND SHALL UTILIZE SOLID CONDUCTORS.

D. GROUND CONDUCTORS #10 AWG AND SMALLER SHALL HAVE GREEN THHN/THWN INSULATION.

E. GENERAL: COMPLY WITH NEMA WD 1, " GENERAL PURPOSE WIRING DEVICES." COLOR: WHITE, BLACK, GRAY, IVORY, OR BROWN TO BE AS SELECTED BY THE ARCHITECT/ENGINEER AND/OR THE OWNER.

F. RECEPTACLES: COMPLY WITH UL 498, "ELECTRICAL ATTACHMENT PLUGS AND RECEPTACLES."

G. "HEAVY DUTY SPECIFICATION GRADE EXCEPT AS OTHERWISE INDICATED. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLES SHALL COMPLY WITH UL 943, "GROUND FAULT CIRCUIT INTERRUPTERS," WITH INTEGRAL NEMA 5-20R DUPLEX RECEPTACLE DESIGNED FOR INSTALLATION IN A 2-3/4" DEEO DEVICE BOX WITHOUT ADAPTER.

H. TOGGLE SWITCHES: 20A, 120-277V AC, QUIET TYPE, SPECIFICATION GRADE AND SHALL COMPLY WITH UL 20, "GENERAL USE SNAP SWITCHES." SINGLE-POLE, TWO-POLE, THREE-WAY, AND FOUR-WAY AS INDICATED AND/OR REQUIRED.

I. DEVICE PLATES: SINGLE AND COMBINATION TYPES WHICH MATE AND MATCH WITH CORRESPONDING WIRING DEVICES.

J. MANUFACTURER: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS AS MANUFACTURED BY HUBBEL INC. OR APPROVED EQUAL BY LEVITON.

5. GROUNDING:

A. GROUNDING AND BONDING PRODUCTS: OF TYPES INDICATED AND/OR OF SIZES AND TO COMPLY WITH THE NEC. WHERE TYPES, SIZES, RATINGS, AND QUANTITIES ARE IN EXCESS OF NEC REQUIREMENTS, THE MORE STRINGENT REQUIREMENTS AND THE GREATER SIZE, RATING, AND QUANTITY INDICATIONS SHALL GOVERNSMOOTH MATCHING NYLON IN ALL AREAS.

B. CONDUCTOR MATERIAL: COPPER.

C. WIRE AND CABLE CONDUCTORS: CONFORM TO NEC TABLE 8, EXCEPT AS OTHERWISE INDICATED, FOR CONDUCTOR PROPERTIES, INCLUDING STRANDING.

D. MATERIALS USED: CONNECTOR PRODUCTS: UL LISTED AND LABELED AS GROUNDING CONNECTORS FOR THE FOLLOWING:

A. CIRCUIT BREAKERS: PROVIDE TYPE, RATING, AND FEATURES INDICATED. BOLT-ON EXCEPT WHERE PLUG-IN FOR USE ON EXISTING PANELBOARDS (NOT BEING UPGRADED) TANDEM CIRCUIT BREAKERS SHALL NOT BE USED. MULTIPLE CIRCUIT BREAKERS SHALL HAVE AN INTERNAL COMMON TRIP AND A SINGLE HANDLE.

B. ENCLOSURES: NEMA TYPE 1, UNLESS OTHERWISE INDICATED.

C. FRONT: SECURED TO BOX WITH CONCEALED TRIM CLAMPS EXCEPT AS INDICATED. FRONT FOR SURFACE MOUNTED PANELBOARDS SHALL BE SAME DIMENSIONS AS BOX.

D.. DIRECTORY FRAME: METAL WITH CLEAR PLASTIC COVER MOUNTED ON INSIDE OF PANELBOARD DOOR.

A. BUS WORK: HARD DRAWN COPPER OF 98% CONDUCTIVITY.

B. MAIN AND NEUTRAL BUSES: COMPRESSION TYPE.

C. EQUIPMENT GROUND BUS: ADEQUATE FOR FEEDER AND BRANCH CIRCUIT EQUIPMENT GROUND.

D. CONDUCTORS: BONDED TO BOX.

E. PROVISIONS FOR FUTURE DEVICES: EQUIP WITH MOUNTING BREAKETS, BUS CONNECTION, AND NECESSARY APPURTENANCES, FOR THE CIRCUIT BREAKER AMPERE RATING INDICATED FOR FUTURE INSTALLATION OF DEVICES SUFFERED LUGS: PROVIDE WHERE INDICATED.

F. NAMEPLATE: CUSTOM ENGRAVED PLASTIC LAMINATE, WHITE LETTERS ON BLACK FIELD, FOR EACH PANELBOARD MOUNTED WITH EPOXY OR INDUSTRIAL CEMENT OR ADHESIVE.

G. MANUFACTURER: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS AS MANUFACTURED BY SQUARE-D, SIEMENS OR CUTLER HAMMER CO.

7. DISCONNECTS AND CIRCUIT BREAKERS:

A. FUSIBLE SWITCH, 800A AND SMALLER: NEMA KS 1, TYPE HD, CLIPS TO ACCOMMODATE SPECIFIED FUSES, ENCLOSURE SUITABLE FOR THE ENVIRONMENT WHERE INSTALLED, HANDLE LOCKABLE WITH TWO (2) PAD LOCKS, AND INTERLOCKED WITH COVER IN "CLOSED" POSITION. ENCLOSURES SHALL COMPLY WITH NEMA KS 1, TYPE 1 INDOOR DRY LOCATIONS.

B. MOLDED CASE CIRCUIT BREAKER: NEWMAN AB 1, HANDLE LOCKABLE WITH TWO (2) PADLOCKS, FRAME SIZE, TRIP RATING NUMBER OF POLES, AND AUXILIARY DEVICES AS INDICATED. ENCLOSURES SHALL COMPLY WITH NEWMAN AB 1, TYPE 1 INDOOR DRY LOCATIONS. CIRCUIT BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY AS FOLLOWS.

C. MANUFACTURER: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS AS SUITABLE FOR INSTALLATION IN EXISTING PANELS. DISCONNECTS SHALL BE BY SQUARE-D.

STANDARD MOUNTING HEIGHTS (UNLESS OTHERWISE NOTED)

9" below finish ceiling		wall-mounted clocks, program bells, (or as shown on architectural details) blue signal light
6" above fire hose cabinet		battery lighting units and remote wall mounted light heads (or 1'-0" below finished ceiling of top of unit).
10'-0"		pendant-hung industrial and strip lighting fixtures.
8'-6"		warning and signal fixtures/signs.
centered above door or window opening		or 6" below finished ceiling whichever is lower. fire alarm signal devices and illuminated fire signals
6'-8"-to bottom of device		top of flush and surface mounted electrical lighting or power panelboards and telegraph cabinets.
6'-6"		top of back-mounted wall exit fixtures not mounted above doors.
6'-3"		top of highest electrical safety disconnect switches, magnetic starters, contactors.
6'-0"		wall mounted electrical device, lighting switches, manual motor starters, thermostats, wall-mounted wiremold and g.f.i. receptacles in toilet rooms or for separate sinks (maximum side reach height ADA)
3'-8"		fire alarm pull stations, ADA compliant device rough in
3'-6"		electrical receptacles, telephone and data outlets
18"		finished floor
00"		finished floor

MOUNTING HEIGHT NOTES:

1. STANDARD MOUNTING HEIGHTS: (COORDINATE WITH ARCH DRAWINGS) ALL MOUNTING HEIGHTS SHALL BE AS INDICATED BY ARCHITECT. IF NOT INDICATED BY ARCHITECT THEN PROVIDE AS NOTED ABOVE.

2. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.

3. THE ABOVE MOUNTING HEIGHT SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWING OR SPECIFICATIONS.

4. INDICATION (+) NEXT TO A DEVICE INDICATES THAT DEVICE IS MOUNTED ABOVE A COUNTER OR CASEWORK. COORDINATE WITH ARCHITECTURAL DETAIL AND CASEWORK CONTRACTOR.

5. 3'-6" FOR ADA COMPLIANT DEVICES VERIFY EXACT HEIGHT PRIOR TO ROUGH IN.

ELECTRICAL NOTES:

1. WIRING METHODS: 518.4(A) GENERAL. THE WIRING METHOD SHALL QUALIFY AS AN EQUIPMENT GROUNDING CONDUCTOR IN ACCORDANCE WITH 250.118 OR SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH TABLE 250.122, AND SHALL BE ANY OF THE FOLLOWING:

(1) METAL RACEWAYS

(2) FLEXIBLE METAL RACEWAYS

(3) NONMETALLIC RACEWAYS ENCASED IN NOT LESS THAN 50 MM (2 IN.) OF CONCRETE

(4) TYPE MI, TYPE MC, OR TYPE AC CABLE

2. RACEWAYS: RACEWAYS SHALL BE PROVIDED WHERE INDICATED AND REQUIRED AND SHALL BE INSTALLED AS SPECIFIED BELOW, UNLESS OTHERWISE INDICATED. MINIMUM RACEWAY SIZE SHALL BE 3/4 IN. RGS CONDUIT SHALL BE USED FOR ALL OUTDOOR INSTALLATIONS. EMT SHALL BE USED FOR ALL INDOOR INSTALLATIONS. LIQUIDATING FLEXIBLE METAL CONDUIT, 6 FT MAXIMUM LENGTH, SHALL BE USED FOR ALL CONDUIT TERMINATIONS AT EQUIPMENT, BUSHINGS, OR INTERSECTIONS OF VERTICAL PLANES AND CEILINGS. OR BOXES PROVIDING EQUIVALENT MEANS OF PROTECTION SHALL BE INSTALLED ON THE ENDS OF ALL CONDUITS AND SHALL BE OF THE INSULATING TYPE WHERE REQUIRED BY THE N.E.C. ANY LISTED ADAPTERS SHALL BE USED TO CONNECT EMT TO RGS CONDUIT AND CAST METAL BOXES AND CONDUIT BODIES. PENETRATIONS OF SLABS AND FIRE RATED WALLS SHALL BE FIRESTONE.

KEEP RACEWAYS AT LEAST 6 IN. AWAY FROM PARALLEL RUNS OF FLUES AND STEAM OR HOT WATER PIPING. INSTALL HORIZONTAL RACEWAY RUNS HIGHER THAN WATER AND STEAM PIPING. RACEWAYS CROSSING STRUCTURAL EXPANSION JOINT SHALL BE PROVIDED WITH SUITABLE EXPANSION FITTINGS OR OTHER SUITABLE MEANS TO COMPENSATE FOR THE BUILDING EXPANSION AND CONTRACTION. RACEWAYS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO WALLS, STRUCTURAL MEMBERS AND FEATURES, MECHANICAL DUCT AND PIPING SYSTEMS, OR INTERSECTIONS OF VERTICAL PLANES AND CEILINGS. CHANGES IN DIRECTION OF RUNS SHALL BE ACCOMPLISHED WITH SYMMETRICAL BENDS OR CAST METAL FITTINGS. FLEED-MADE ELBOWS AND OFFSETS SHALL BE MADE WITH AN APPROVED HICKEY OR CONDUIT BENDING MACHINE, CRUSHED OR DEFORMED RACEWAYS SHALL NOT BE USED. CARE SHALL BE TAKEN TO PREVENT THE LODGMENT OF DIRT, AND CONSTRUCTION MATERIALS AND DEBRIS IN RACEWAYS DURING THE COURSE OF CONSTRUCTION. CLOGGED RACEWAYS SHALL BE ENTIRELY FREED OF OBSTRUCTIONS OR SHALL BE REPLACED.

RGS CONDUIT AND EMT SHALL BE SECURELY AND RIGIDLY FASTENED IN PLACE AT INTERVALS OF NOT MORE THAN 10 FT AND WITHIN 3 FT OF FITTINGS AND BOXES WITH APPROVED PIPE STRAPS, WALL BRACKETS, CONDUIT CLAMPS, CONDUIT HANGERS, THREADED C-CLAMPS, OR CEILING TRAPEZE. C-CLAMPS OR BEAM CLAMPS SHALL HAVE STRAP OR ROD TYPE RETAINERS. LOADS AN SUPPORTS SHALL BE COORDINATED WITH SUPPORTING STRUCTURES TO PREVENT DEFORMATION OR DAMAGE TO STRUCTURES, BUT NO LOAD SHALL BE APPLIED TO JOIST BRIDGING. FASTENINGS SHALL BE DONE AS FOLLOWS: TYPE NAILS TO WOOD; BY TOGGLE BOLTS ON HOLLOW CMU; BY EXPANSION BOLTS ON CONCRETE OR BRICK; AND BY MACHINE SCREWS, WELDED THREADED STUDS, HEAT TREATED OR SPRING STEEL TENSION CLAMPS ON STEEL WORK. NAIL TYPE NYLON ANCHORS OR THREADED STUDS DRIVEN INBY A POWDER CHARGE AND PROVIDED WITH LOCK WASHERS AND NUTS MAY BE USED IN LIEU OF EXPANSION BOLTS OR MACHINE SCREWS. RACEWAYS OR PIPE STRAPS SHALL NOT BE WELDED TO STEEL STRUCTURES. IN PARTITIONS OF LIGHT STEEL CONSTRUCTION, SHEET METAL SCREWS MAY BE USED. CONDUIT SHALL NOT BE SUPPORTED USING WIRE OR NYLON TIES. RACEWAYS SHALL BE INSTALLED AS A COMPLETE SYSTEM AND BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE. UPPER RACEWAYS SHALL NOT BE THE SUPPORT OF LOWER RACEWAYS. SUPPORTING MAINS WILL NOT BE SHARED BETWEEN ELECTRICAL RACEWAYS AND MECHANICAL DUCTS OR PIPING. MOUNTING HARDWARE SHALL NOT PRESENT SHARP EDGES WHERE PERSONNEL CONTACT IS POSSIBLE. IN MECHANICAL SPACES, "MINERALS" SUPPORTS SHALL NOT BE USED BELOW 10' A.F.F.

3. BOXES: BOXES SHALL BE PROVIDE IN RACEWAY SYSTEMS WHEREVER REQUIRED FOR PULLING OF WIRES, MAKING CONNECTIONS, AND MOUNTING OF DEVICES OR LIGHTING FIXTURES. IN GENERAL, BOXES SHALL BE CONSTRUCTED OF HOT-DIPPED GALVANIZED FINISHED SHEET STEEL. BOXES FOR METALLIC RACEWAYS, 4 IN. BY 4 IN. NOMINAL SIZE AND SMALLER, SHALL BE OF THE CAST METAL HUB TYPE AND CASKETED WHEN LOCATED OUTSIDE OF THE BUILDING. BOXES SHALL BE LISTED AS SUITABLE FOR THE ENVIRONMENTAL CONDITIONS OF THE LOCATION THEY ARE INSTALLED. BOXES FOR MOUNTING OF LIGHTING FIXTURES SHALL BE NOT LESS THAN 4 IN. SQUARE EXCEPT SMALLER BOXES SHALL BE INSTALLED WHERE REQUIRED BY FIXTURE CONFIGURATION. UNLESS OTHERWISE INDICATED, DEVICE BOXES FOR RECEPTACLES SHALL BE MOUNTED WITH THE CENTER OF THE DEVICE BOX APPROXIMATELY 18 IN. AFF FROM THE CEILING CORNERS. FIXTURES WHICH ARE SMALLER THAN CEILING GRID SHALL BE CENTERED IN ACOUSTICAL CEILING PANEL AND SUPPORTED BY AT LEAST TWO (2) 3/4 IN. METAL CHANNELS SPANNING AND SECURED TO CEILING SYSTEM GRID TEES. FIXTURES WHICH LAY-IN CEILING GRID SYSTEM SHALL BE SECURED IN PLACE BY INSTALLATION OF CLIPS WHICH SECURELY FASTEN FIXTURE TO CEILING GRID TEES. SUPPORT SURFACE MOUNT FIXTURES GREATER THAN 2 FT IN LENGTH AT A POINT IN ADDITION TO THE OUTLET BOX FIXTURE STUD. UPON COMPLETION OF INSTALLATION AND JUST PRIOR TO DEMONSTRATION CLEAN AND RELAMP FIXTURES. LAMP FIXTURES WITH SPECIFIED LAMPS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS. UPON COMPLETION OF INSTALLATION, DEMONSTRATE CAPABILITY AND COMPLIANCE WITH REQUIREMENTS. WHERE POSSIBLE, CORRECT MALFUNCTIONING FIXTURES AT THE SITE, THEN RETEST TO DEMONSTRATE COMPLIANCE; OTHERWISE, REMOVE MALFUNCTIONING UNITS AND REPLACE WITH NEW UNITS AND PROCEED WITH RETESTING.

4. WIRES AND CABLES: EXAMINE RACEWAYS AND BUILDING FINISHES TO RECEIVE WIRES AND CABLES FOR COMPLIANCE WITH INSTALLATION TOLERANCES AND OTHER CONDITIONS. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. PULL WIRES AND CABLES INTO RACEWAY SIMULTANEOUSLY WHERE MORE THAN ONE IS BEING INSTALLED IN THE SAME RACEWAY. USE PULLING COMPOUND OR LUBRICANT WHERE NECESSARY. COMPOUND USED MUST NOT DETERIORATE CONDUCTORS OR INSULATION. USE PULLING MEANS, INCLUDING FISH TAPES, CABLE ROPS, AND BASKET-WEAVE WIRE/CABLE GRIPS THAT WILL NOT DAMAGE WIRES/CABLES OR RACEWAY. INSTALL EXPOSED CABLE, PARALLEL AND PERPENDICULAR TO WALLS, STRUCTURAL MEMBERS AND FEATURES, MECHANICAL DUCT AND PIPING SYSTEMS, OR INTERSECTIONS OF VERTICAL PLANES AND CEILING. HORIZONTAL RUNS OF MC CABLE SHALL BE SUPPORTED ON 3 FT MAXIMUM CENTERS. EXPOSED METALLIC RUNS OF MC CABLES SHALL BE SUPPORTED ON 6 FT MAXIMUM CENTERS EXPOSED PLENUM CABLE SHALL BE SUPPORTED ON 3 FT MAXIMUM CENTERS. THE NUMBER OF SPLICES SHALL BE KEPT TO AN ABSOLUTE MINIMUM. WIRING AT EACH OUTLET SHALL BE INSTALLED WITH AT LEAST 8 IN. SLACK.

5. WIRING DEVICES: INSTALL WIRING DEVICES WHERE INDICATED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS, REQUIREMENTS OF THE NEC, AND RECOGNIZED INDUSTRY PRACTICES. INSTALL WIRING DEVICES IN DEVICE BOXES WHICH ARE CLEAN AND FREE FROM DIRT AND CONSTRUCTION MATERIALS AND DEBRIS. INSTALL WIRING DEVICES AFTER WIRING WORK IS COMPLETE. INSTALL DEVICE PLATES AFTER PAINTING WORK IS COMPLETE. TIGHTEN CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. PRIOR TO ENERGIZING CIRCUITS, TEST WIRING FOR ELECTRICAL CONTINUITY AND SHORTS. ENSURE PROPER POLARITY OF CONNECTIONS IS MAINTAINED. SUBSEQUENT TO EMERGING, TEST WIRING DEVICES AND DEMONSTRATE COMPLIANCE WITH REQUIREMENTS.

6. GROUNDING: ELECTRICAL SYSTEMS AND EQUIPMENT, METALLIC RACEWAYS AND BOXES, CABLE SHIELDS, METALLIC CABLE SHEATHS AND ARMOR, AND OTHER NON-CURRENT CARRYING METALLIC PARTS OF EQUIPMENT SHALL BE GROUNDED IN CONFORMANCE WITH THE NEC. EQUIPMENT GROUND CONDUCTORS SHALL COMPLY WITH NEC ARTICLE 250 FOR SIZES AND QUANTITIES, EXCEPT WHERE LARGER SIZES AND/OR MORE CONDUCTORS ARE INDICATED. PROVIDE SEPARATE INSULATED GROUND CONDUCTOR IN ALL RACEWAYS, REGARDLESS OF RACEWAY TYPE. SEPARATELY DERIVED SYSTEMS AS DEFINED BY THE NEC SHALL BE GROUNDED IN CONFORMANCE WITH NEC ARTICLE 250 PARA. 26. TERMINATE EQUIPMENT GROUND WIRES IN FEEDERS AND BRANCH CIRCUITS WITH PRESSURE-TYPE GROUND LUGS. WHERE METALLIC CONDUITS TERMINATE AT METALLIC HOUSINGS WITHOUT MECHANICAL AND ELECTRICAL CONNECTION TO HOUSING, TERMINATE EACH CONDUIT WITH A GROUNDING BUSHING. CONNECT GROUNDING BUSHINGS WITH A GROUND WIRE TO THE GROUND BUS IN THE HOUSING. BOND ELECTRICALLY NONCONTIGUOUS CONDUITS AT BOTH ENTRANCES AND EXITS WITH GROUNDING BUSHINGS AND GROUND WIRES. TIGHTEN GROUNDING AND BONDING CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES.

7. PANELBOARDS: INSTALL PANELBOARDS AND ACCESSORY ITEMS IN ACCORDANCE WITH NEMA PB 1.1. "GENERAL INSTRUCTIONS FOR PROPER INSTALLATION, OPERATION, AND MAINTENANCE OF PANELBOARDS RATED 600 VOLTS OR LESS," AND MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. MOUNT PANELBOARDS PLUMB AND RIGID WITHOUT DISTORTION OF BOX AND WITH THE TOP OF THE TRIM AT 78 IN. AFF UNLESS OTHERWISE INDICATED. PROVIDE NEATLY TYPED AND ACCURATE CIRCUIT DIRECTORIES IN EACH PANELBOARD, REFLECTIVE OF FINAL CIRCUIT CONFIGURATION. PROVIDE FILLER PLATES IN ALL UNUSED SPACES. TRAIN WIRES IN PANELBOARDS GUTTERS NEATLY IN GROUPS, BUNDLE, AND WRAP WITH WIRE TIES. GROUND A PANELBOARD IN CONFORMANCE WITH THE NEC. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING GROUNDING CONNECTIONS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. PERFORM INSULATION RESISTANCE TESTS OF PANELBOARD BUSES, COMPONENTS, AND FEEDER AND BRANCH CIRCUIT WIRING; INSULATION RESISTANCE LESS THAN 100 MEGOHM IS UNACCEPTABLE.

8. DISCONNECTS AND CIRCUIT BREAKERS: PROVIDE DISCONNECTS AND CIRCUIT BREAKERS WHERE INDICATED ON THE ELECTRICAL DRAWINGS AND/OR WHERE REQUIRED BY THE NEC, WHETHER INDICATED ON THE ELECTRICAL DRAWINGS OR NOT. INSTALL DISCONNECTS AND CIRCUIT BREAKERS PLUMB AND LEVEL AND IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. UPON COMPLETION OF INSTALLATION OF DISCONNECTS AND CIRCUIT BREAKERS, ENERGIZE CIRCUITS AND DEMONSTRATE CAPABILITY AND COMPLIANCE WITH REQUIREMENTS. EXCEPT AS OTHERWISE INDICATED, DO NOT DEMONSTRATE DISCONNECTS AND CIRCUIT BREAKERS BY OPERATING THEM UNDER LOAD; HOWEVER, DEMONSTRATE DISCONNECT AND CIRCUIT BREAKERS OPERATION THROUGH SIX OPENING/CLOSING CYCLES WITH CIRCUIT UNLOADED. OPEN DISCONNECT AND CIRCUIT BREAKER ENCLOSURES FOR INSPECTION OF INTERIOR MECHANICAL AND ELECTRICAL CONNECTIONS. FUSE INSTALLATION IF APPLICABLE, AND FOR VERIFICATION OF TYPE AND RATING OF FUSES INSTALLED IN APPLICABLE. CORRECT DEFICIENCIES THEN RETEST TO DEMONSTRATE COMPLIANCE WITH REQUIREMENTS. REMOVE AND REPLACE DEFECTIVE UNITS WITH NEW UNITS AND RETEST.

9. LIGHTING FIXTURES: INSTALL FIXTURES WHERE, AND AT HEIGHTS, INDICATED IN ACCORDANCE WITH FIXTURE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS, REQUIREMENTS OF THE NEC, AND RECOGNIZED INDUSTRY PRACTICES. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING GROUND CONNECTIONS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. RECESSED OR SEMI RECESSED FIXTURES MAY BE SUPPORTED BY CEILING SUPPORT SYSTEM. INSTALL CEILING SUPPORT SYSTEM RODS OR WIRES AT A MINIMUM OF FOUR (4) RODS OR WIRES PER FIXTURE LOCATED NOT MORE THAN 6 IN. FROM FIXTURE CORNERS. FIXTURES WHICH ARE SMALLER THAN CEILING GRID SHALL BE CENTERED IN ACOUSTICAL CEILING PANEL AND SUPPORTED BY AT LEAST TWO (2) 3/4 IN. METAL CHANNELS SPANNING AND SECURED TO CEILING SYSTEM GRID TEES. FIXTURES WHICH LAY-IN CEILING GRID SYSTEM SHALL BE SECURED IN PLACE BY INSTALLATION OF CLIPS WHICH SECURELY FASTEN FIXTURE TO CEILING GRID TEES. SUPPORT SURFACE MOUNT FIXTURES GREATER THAN 2 FT IN LENGTH AT A POINT IN ADDITION TO THE OUTLET BOX FIXTURE STUD. UPON COMPLETION OF INSTALLATION AND JUST PRIOR TO DEMONSTRATION CLEAN AND RELAMP FIXTURES. LAMP FIXTURES WITH SPECIFIED LAMPS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS. UPON COMPLETION OF INSTALLATION, DEMONSTRATE CAPABILITY AND COMPLIANCE WITH REQUIREMENTS. WHERE POSSIBLE, CORRECT MALFUNCTIONING FIXTURES AT THE SITE, THEN RETEST TO DEMONSTRATE COMPLIANCE; OTHERWISE, REMOVE MALFUNCTIONING UNITS AND REPLACE WITH NEW UNITS AND PROCEED WITH RETESTING.

08/20/2026

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OWNER SIGNATURE

REVISION STATUS

REV	DATE	DESCRIPTION	DRAWN BY
00	03/28/2025		
01			
02			
03			
04			

CLIENT/CONSULTANT APPROVAL STATUS

APPROVED	
APPROVED WITH NOTES	
RESUBMIT	
DISAPPROVED	

OWNER:

JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)

ADDRESS:

2411 CROFTON LANE SUITE 18A
CROFTON, MD

DESIGN CONSULTANT:

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DRAWING STATUS:

DESIGN DRAWING

DISCIPLINE:

ELECTRICAL

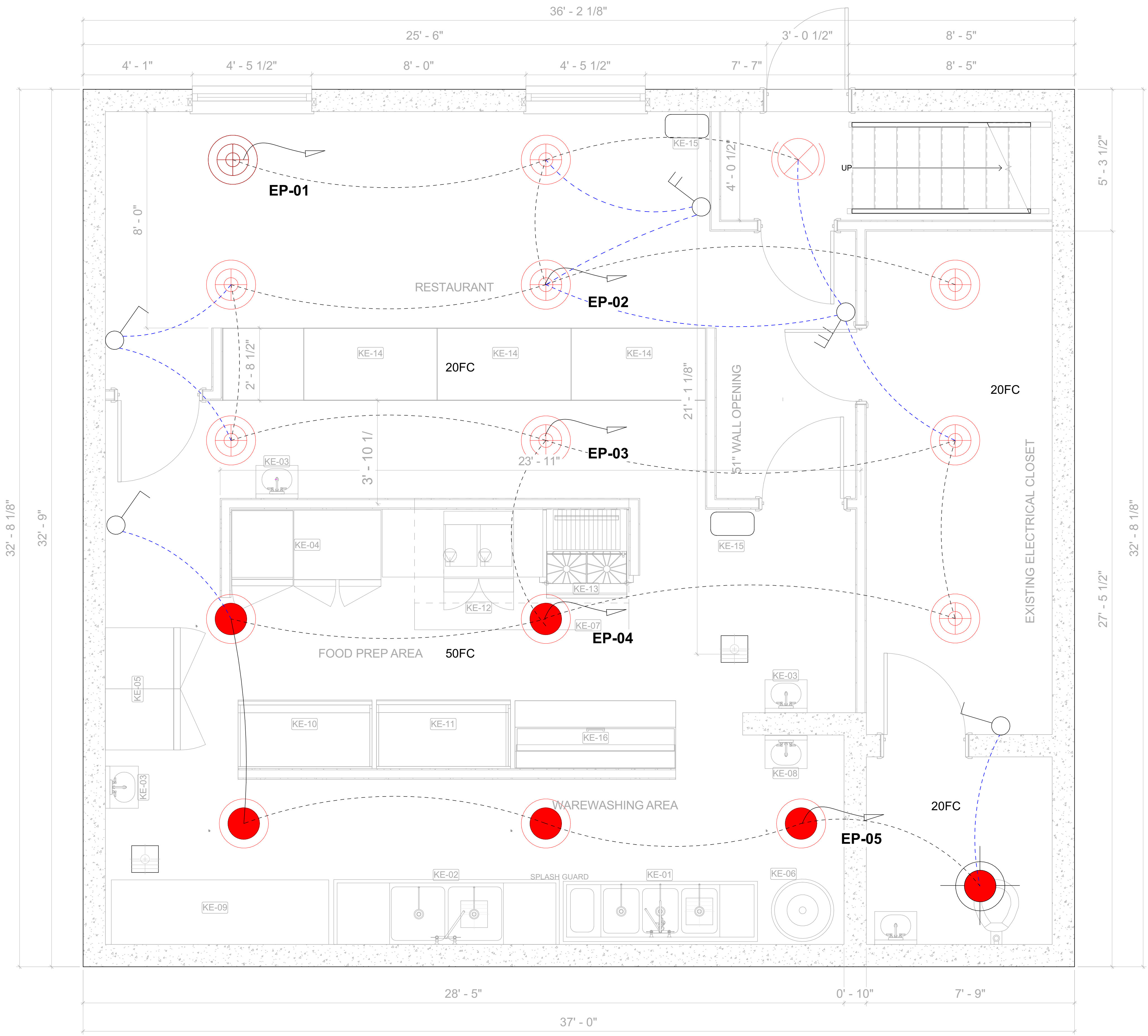
PROJECT TITLE:

RESTAURANT

DRAWING:

NOTES

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: EL-01	SCALE: NTS @A3



EL 02 LIGHTING FLOOR PLAN
SCALE 1/4"=1'-0"

LIGHTING NOTE:
ALL LIGHTING FIXTURES IN
FOOD PREP AREAS SHALL
BE SHATTER RESISTANT OR
PROVIDED WITH
PROTECTIVE SHIELDS.

LEGEND	
SYMBOL	DESCRIPTION
	15W SURFACE MOUNTED LIGHT CORRIDOR
	15W RECESS TYPE DOWN LIGHT WITH SPIN ALUMINUM BODY REFLECTOR, GLASS DIFFUSER & COMPACT FLU. LAMP
	20W RECESS TYPE DOWN LIGHT WITH SPIN ALUMINUM BODY REFLECTOR, GLASS DIFFUSER & COMPACT FLU. LAMP IN BATHROOMS AREA
	15W SURFACE MOUNTED LIGHT
	MIRROR LIGHT 1X18W FLUORESCENT LIGHT
	20W RECESS TYPE DOWN LIGHT WITH SPIN ALUMINUM BODY REFLECTOR, GLASS DIFFUSER & COMPACT FLU. LAMP
	15W SURFACE MOUNTED LIGHT
	ONE WAY ONE GANG SWITCH
	ONE WAY TWO GANG SWITCH
	ONE WAY THREE GANG SWITCH
	ONE WAY ONE GANG SWITCH
	ONE WAY TWO GANG SWITCH
	ONE WAY THREE GANG SWITCH



08/20/2026

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00	03/28/2025		
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04			

CLIENT/CONSULTANT APPROVAL STATUS

APPROVED	
APPROVED WITH NOTES	
RESUBMIT	
DISAPPROVED	

OWNER:

JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)

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DESIGN CONSULTANT:

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DRAWING STATUS:

DESIGN DRAWING

DISCIPLINE:

ELECTRICAL

PROJECT TITLE:

RESTAURANT

DRAWING:

LIGHTING FLOOR PLAN

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
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JOB NO:	SHT NO: EL-02	SCALE: 1/4"=1'-0"
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- A. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
- B. ALL EXIT SIGNS TO HAVE RED LETTERS WITH 6" x 3/4" LETTERS AND 90 MINUTES OF BATTERY BACKUP.
- C. CONFIRM ALL FIXTURE VOLTAGES WITH CIRCUITING ON PLAN. PROVIDE UNIVERSAL DRIVER IF AVAILABLE AND WIRED FOR 120V OPERATION FROM FACTORY IF NOT INDICATED OTHERWISE ON THE LIGHTING FIXTURE SCHEDULE/OR LIGHTING FLOOR PLANS.
- D. MANUFACTURER TO VERIFY FIXTURE CATALOG NUMBER WITH THE DESCRIPTION OF THE FIXTURE AND CIRCUITING ON THE PLANS.
- E. WHERE 'EM' IS SHOWN ADJACENT TO A LIGHT FIXTURE ON THE LIGHTING PLAN, IT INDICATES THAT THE FIXTURE IS TO HAVE A FACTORY INSTALLED LED EMERGENCY BATTERY DRIVER. DRIVER SHALL BE IOTA #ILB-CP10.
- F. 'NL' INDICATES THAT FIXTURE IS CONNECTED TO AN UNSWITCHED CIRCUIT FOR NIGHT-LIGHT ILLUMINATION.
- G. REFER TO ARCHITECTURAL SET FOR RESPONSIBILITY SCHEDULE FOR LIGHTING.
- H. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR PROPER INSTALLATION OF SUSPENDED OR SURFACE MOUNTED LED FIXTURES.
- I. REFER TO ARCHITECTURAL DETAILS REGARDING CEILING CONSTRUCTION (AS APPLICABLE) FOR SPECIFIC DIRECTIVES ASSOCIATED WITH INSTALLATION/SUPPORT OF NEW LIGHTING FIXTURES IDENTIFIED THEREIN.
- J. PROVIDE SUPPORT WIRES FROM STRUCTURE FROM A MINIMUM OF TWO (2) OPPOSING CORNERS OF EACH SUSPENDED FIXTURE OR STRIP LED FIXTURES BEING SUPPORTED BY THE STRUCTURE AND BEING ALIGNED WITH T-GRID WITH MANUFACTURER-PROVIDED SURFACE MOUNT HANGER.
- K. FIELD VERIFY CEILING TYPES AND DETERMINE PROPER MOUNTING HARDWARE PRIOR TO ORDERING FIXTURES.
- L. ALL EXIT SIGNS, NIGHTLIGHTS, AND EMERGENCY EGRESS LIGHTING FIXTURES SHALL BE WIRED AHEAD OF LOCAL SWITCHES TO REMAIN ENERGIZED.
- M. PROVIDE LOCAL DISCONNECTING MEANS FOR INDOOR LED LUMINAIRES WHICH CONTAIN DRIVERS, USE DOUBLE-ENDED LAMPS, AND BE SERVICED IN PLACE PER 2011 NEC 410.130 (G).
- N. REFER TO SHEET A3.0 FOR ADDITIONAL CEILING INFORMATION.
- O. LIGHTS IN THE GROOMING, BATHING, HOLDING, PUBLIC PET WASH AREAS AND THE AQUARIUMS ARE TO BE ROUTED THROUGH THE LIGHTING CONTACTOR. SEE SHEET E3.0 FOR DETAILS. THESE LIGHTS ARE TO REMAIN ON DURING BUSINESS HOURS. COORDINATE ALL PROGRAMMING WITH PET SUPPLIES PLUS.
- P. NOT ALL FIXTURES MAY BE USED.
- Q. CEILING, LIGHTING, ETC. SUPPORTING SYSTEMS SHALL ATTACH TO STRUCTURAL MEMBERS ONLY, ARE NOT PERMITTED TO BE ATTACHED TO ROOF DECKING, BRIDGING OR WIND BRACING, AND SHALL COMPLY WITH SEISMIC ZONING BRACING REQUIREMENTS. DESIGN OF THE SUPPORTING SYSTEM IS TO FOLLOW THE MANUFACTURERS INSTALLATION REQUIREMENTS AND IS THE CONTRACTORS RESPONSIBILITY.
- R. ANY EXISTING CEILING ITEMS THAT ARE TO REMAIN IN OPERATION (FOR EXAMPLE: EXISTING GENERAL PIPING, EXISTING CONDUITS, OR ANY OTHER EXISTING BUILDING SYSTEM ELEMENTS ARE TO BE RAISED AS REQUIRED FOR LIGHT FIXTURE INSTALLATION. G.C. TO COORDINATE AS REQUIRED.

LEGEND	
SYMBOL	DESCRIPTION
	15W SURFACE MOUNTED LIGHT CORRIDOR
	18W RECESS TYPE DOWN LIGHT WITH SPUN ALUMINUM BODY REFLECTOR, GLASS DIFFUSER & COMPACT FLU. LAMP
	20W RECESS TYPE DOWN LIGHT WITH SPUN ALUMINUM BODY REFLECTOR, GLASS DIFFUSER & COMPACT FLU. LAMP IN BATHROOMS AREA
	15W SURFACE MOUNTED LIGHT
	MIRROR LIGHT 1X18W FLUORESCENT LIGHT
	20W RECESS TYPE DOWN LIGHT WITH SPUN ALUMINUM BODY REFLECTOR, GLASS DIFFUSER & COMPACT FLU. LAMP
	15W SURFACE MOUNTED LIGHT
	ONE WAY ONE GANG SWITCH
	ONE WAY TWO GANG SWITCH
	ONE WAY THREE GANG SWITCH
	ONE WAY ONE GANG SWITCH
	ONE WAY TWO GANG SWITCH
	ONE WAY THREE GANG SWITCH



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OWNER:

JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)

ADDRESS:

2411 CROFTON LANE SUITE 18A
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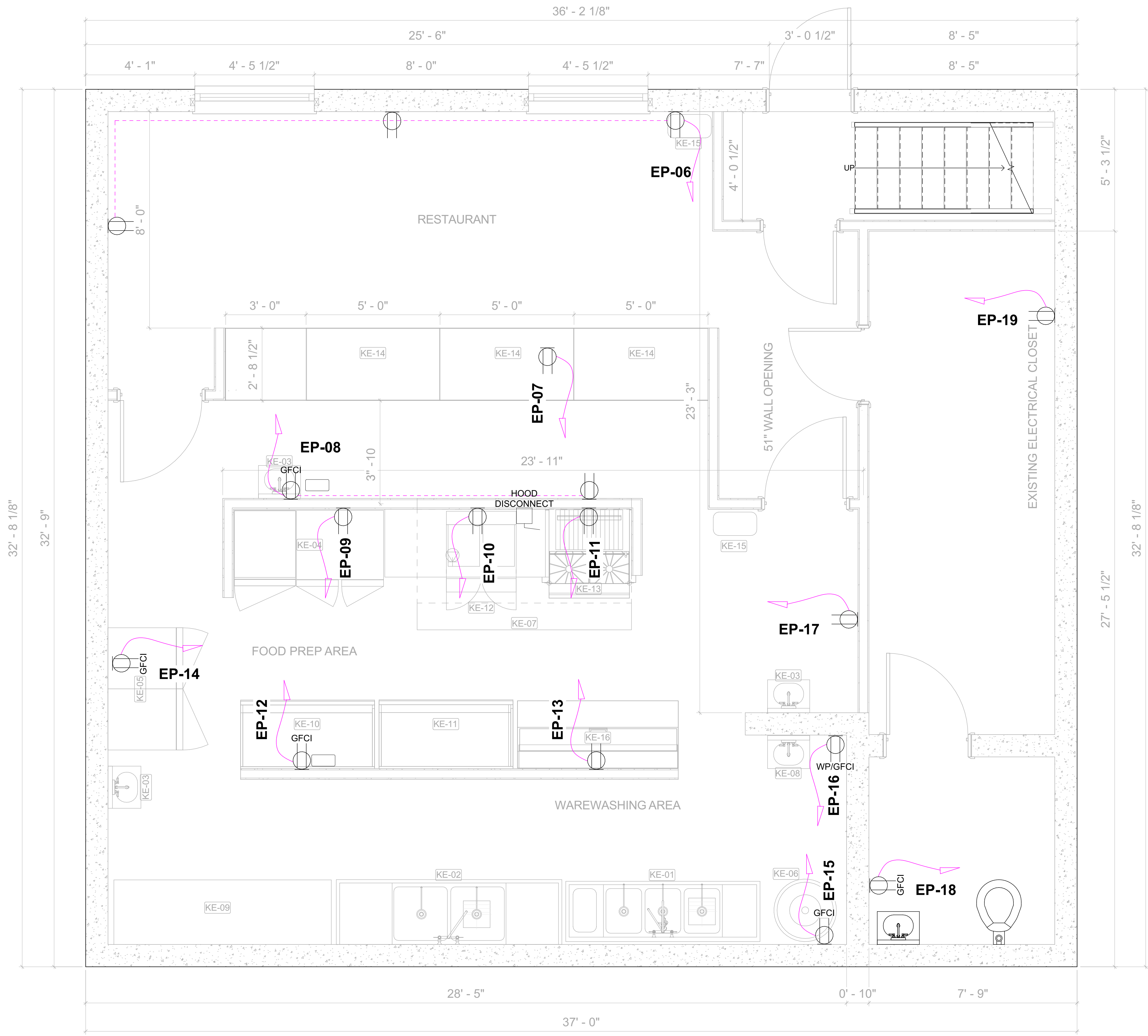
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DRAWING:

LIGHTING FIXTURE SCHEDULE

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/20
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JOB NO:	SHT NO: EL-03	SCALE: NTS @
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EL 03 POWER FLOOR PLAN
SCALE 1/4"=1'-0"

- ELECTRICAL NOTES:**
1. ALL 125V, 15A AND 20A RECEPTACLES LOCATED WITHIN 6 FEET OF A SINK OR SERVING FOOD PREPARATION AREAS SHALL BE GFCI PROTECTED PER NEC 210.8(B).
 2. ALL 120V BRANCH CIRCUITS SERVING GENERAL OUTLETS SHALL BE AFCI PROTECTED PER NEC 210.12.
 3. ALL ELECTRIC COOKING EQUIPMENT SHALL HAVE A LOCAL DISCONNECT WITHIN SIGHT OF THE EQUIPMENT PER NEC 422.31(B).

LEGEND	
SYMBOL	DESCRIPTION
	Single Socket Outlet, 150 volts to ground or less, 50 amperes or less type. Mount at 42" A.F.F. unless noted otherwise.
	Duplex Socket Outlet, 13A, 230V, grounding type. Mount at 1" A.F.F. unless noted otherwise.
	GFCI Duplex Socket Outlet, weather proof, 13A, 230V, grounding type. Mount at 42" A.F.F. unless noted otherwise.
	Three Phase Receptacles rated 150 volts to ground or less, 10 amperes or less type. Mount at 42" A.F.F. unless noted otherwise.
	TV Socket height as per LCD on location.
	Telecommunication Outlet. Provide single gang junction box with plaster ring. Stub up 1" E.C. with pull string into accessible ceiling space. Mount at 18" A.F.F. unless noted otherwise.
	Data Outlet. Provide single gang junction box with plaster ring. Stub up 1" E.C. with pull string into accessible ceiling space. Mount at 18" A.F.F. unless noted otherwise.
	Floor Box.
	Electrical Panel Board, type indicated.



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OWNER:

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(JUBILATION HEALTH & WELLNESS)

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PROJECT TITLE:

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POWER FLOOR PLAN

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: EL-04	SCALE: 1/4"=1'-0"

GENERAL PLUMBING NOTES:

1. LOCATION AND SIZES OF ALL EXISTING SERVICES ARE APPROXIMATE. VERIFY ALL UTILITIES PRIOR TO COMMENCING WORK.

2. FOR EXACT LOCATION OF PLUMBING FIXTURES, DRAINS AND EQUIPMENT SEE ARCHITECTURAL DRAWINGS.

3. ALL DOMESTIC WATER AND VENT PIPING SHOWN TO BE RUN ABOVE CEILING UNLESS OTHERWISE NOTED.

4. ALL SANITARY PIPING SHOWN TO BE RUN BELOW FLOOR UNLESS OTHERWISE NOTED.

5. ENTIRE INSTALLATION INCLUDING MATERIALS, EQUIPMENT AND WORKMANSHIP SHALL CONFIRM WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS OF MUNICIPAL, STATE AND FEDERAL AUTHORITIES, ALSO THE PLUMBING CODE 2018 IPC, AND OTHER REGULATORY BODIES HAVING JURISDICTION OVER THE CLASS OF WORK.

6. THE CONTRACTOR SHALL MAKE TESTS FOR ACCEPTANCE AND APPROVAL AS REQUIRED BY THE CODE. REQUIRED TESTS SHALL BE PERFORMED IN THE PRESENCE OF OWNER’S REPRESENTATIVE UNLESS WAIVED IN WRITING.

7. THE CONTRACTOR SHALL FIELD COORDINATE THE WORK WITH THAT OF ALL OTHER TRADES.

8. ALL DOMESTIC WATER PIPING SHALL BE INSULATED AS REQUIRED.

9. DOMESTIC WATER PIPING MATERIAL: ASTM B88 TYPE L OR M COPPER TUBE WITH WROUGHT OR CAST COPPER FITTINGS AND LEAD–FREE SOLDERED JOINTS. INSTALL DOMESTIC WATER PIPING LEVEL WITHOUT PITCH AND PLUMB.

THE PEXA PIPING SHALL CONFORM TO THE REQUIREMENTS OF ASTM F876–XX FOR CROSSLINKED POLYETHYLENE (PEXA) TUBING, WITH A MINIMUM PRESSURE RATING OF 200 PSI AT 73.4°F (23°C).

DRAIN, WASTE, STORM, AND VENT PIPING MATERIAL: FOR BELOW GROUND SOIL, WASTE AND BENT PIPING SHOULD BE SERVICE WEIGHT HUB AND SPIGOT CAST IRON CONFORMING TO ASTM A74, WITH LEAD AND OAKUM JOINTS AS ALLOWED BY PLUMBING CODE; FOR ABOVE GROUND SOIL, WASTE AND VENT PIPING SHOULD BE HUBLESS CAST–IRON.

PVC DMV PIPING MAY ALSO BE USED FOR DRAINING APPLICATIONS.

PVC DWV PIPE SHALL BE MADE FROM TYPE 1, GRADE 1, PVC COMPOUND AS SPECIFIED IN ASTM D1784.

THE PVC DWV PIPE SHALL HAVE A NOMINAL INSIDE DIAMETER (ID) OF 4 INCHES (101.6 MM).

THE PIPE SHALL CONFORM TO THE STANDARD DIMENSIONS FOR 4–INCH PVC DWV PIPE AS SPECIFIED IN ASTM D2665. EACH LENGTH OF PVC DWV PIPE SHALL BE CLEARLY MARKED WITH THE MANUFACTURER’S NAME OR TRADEMARK, PIPE SIZE, MATERIAL DESIGNATION (E.G., PVC), AND THE ASTM STANDARD DESIGNATION (E.G., ASTM D2665).

10. ANY ITEM OF MATERIALS NOT INDICATED ON THE DRAWINGS OR NOT SPECIFIED AND WHICH ARE REQUIRED FOR THE COMPLETE INSTALLATION OF ANY PART OF THE WORK DESCRIBED, SHALL BE FURNISHED AS CODE REQUIRED.

11. INSTALL CLEANOUT AT OR NEAR THE BOTTOM OF SANITARY/WASTE STACK.

12. PROVIDE PROPER ACCESS PANELS AS SPECIFIED IN WALLS AND CEILINGS FOR ANY EQUIPMENT, DEVICES, VALVES, SHOCK ABSORBERS, TRAP PRIMERS, CLEANOUTS ETC. REQUIRING ACCESS.

PLUMBING FIXTURE AND FAUCETS REFERENCED STANDARDS		
MARK	DESCRIPTION	STANDARD
WC–1	WATER CLOSET	WATER CLOSETS SHALL CONFIRM TO THE WATER CONSUMPTION REQUIREMENTS OF SECTION 604.4 AND SHALL CONFIRM TO ANSI Z124.4, ASME A112.19.2M, CSA B45.1, CSA B45.4 OR CSA B45.5. WATER CLOSETS SHALL CONFIRM TO THE HYDRAULIC PERFORMANCE REQUIREMENTS OF ASME A112.19.19.9M, CSA B45.1, CSA B45.4 OR CSA B45.5. ELECTRO HYDRAULIC WATER CLOSETS SHALL COMPLY WITH ASME A112.19.13.
L–1	LAVATORY	LAVATORIES SHALL CONFIRM TO ANSI Z124.3, ASME A112.19.1M, ASME A112.19.2M, ASME A112.19.3M, ASME A112.19.4M, ASME A112.19.9M, CSA B45.2, CSA B45.3, CSA B45.4, ROUP WASH UP EQUIPMENT SHALL CONFIRM TO THE REQUIREMENTS OF SECTION 402. EVERY 20 INCHES (608MM) OF RIM SPACE SHALL BE CONSIDERED AS ONE LAVATORY.
KS–1	KITCHEN SINK	SINKS SHALL CONFIRM TO ANSI Z124.6, ASME A112.19.1M, ASME A112.19.2M, ASME A112.19.3M, ASME A112.19.4M, ASME A112.19.9M, CSA B45.1, CSA B45.2, CSA B45.3, OR CSA B45.4.
	FAUCETS AND FIXTURE FITTINGS	FAUCETS AND FIXTURE FITTINGS SHALL CONFORM TO ASME A112.18.1 OR CSA B125. FAUCETS AND FIXTURE FITTINGS THAT SUPPLY DRINKING WATER FOR HUMAN INGESTION SHALL CONFORM TO THE REQUIREMENTS OF NSF 61, SECTION 9. FLEXIBLE WATER CONNECTORS EXPOSED TO CONTINUOUS PRESSURE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 605.6 HAND HELD SHOWERS SHALL CONFORM TO ASSE 1014 OR CSA B125. SHOWER AND TUB SHOWER COMBINATION VALVES SHALL BE BALANCED PRESSURE, THERMOSTATIC OR COMBINATION BALANCED PRESSURE/THERMOSTATIC VALVES THAT CONFORM TO THE REQUIREMENTS OF ASSE 1016 OR CSA B125, MULTIPLE (GANG) SHOWERS SUPPLIED WITH A SINGLE TEMPERED WATER SUPPLY PIPE SHALL HAVE THE WATER SUPPLY FOR SUCH SHOWERS CONTROLLED BY A MASTER THERMOSTATIC MIXING VALVE COMPLYING WITH ASSE 1017. SHOWER AND TUB SHOWER COMBINATION VALVES AND MASTER THERMOSTATIC MIXING VALVES REQUIRED BY THIS SECTION SHALL BE EQUIPPED WITH A MEANS TO LIMIT THE MAXIMUM SETTING OF THE VALVE TO 120°F (49°C), WHICH SHALL BE FIELD ADJUSTED IN ACCORDANCE WITH THE MANUFACTURER’S INSTRUCTIONS. FAUCETS AND FIXTURE FITTINGS WITH HOSE CONNECTED OUTLETS SHALL CONFORM TO ASME A112.18.3M. TEMPERATURE ACTUATED, FLOW REDUCTION DEVICES, WHERE INSTALLED FOR INDIVIDUAL FIXTURE FITTINGS, SHALL CONFORM TO ASSE 1062. SUCH VALVES SHALL NOT BE USED ALONE AS A SUBSTITUTE FOR THE BALANCED PRESSURE. THERMOSTATIC OR COMBINATION SHOWER VALVES REQUIRED IN SECTION 424.3 PEX PIPING MAY ALSO BE ALLOWED AND SHALL CONSIST OF CROSSLINKED POLYETHYLENE (PEXA) PIPE AND ASSOCIATED COMPONENTS, COMPLYING WITH THE SPECIFICATIONS DETAILED HEREIN.

PLUMBING NOTES:

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

2. ALL PLUMBING INSTALLATIONS SHALL CONFIRM WITH THE REQUIREMENTS OF MANUFACTURER RECOMMENDATION AND OR 2018 IPC.

3. ALL PLUMBING MATERIALS SHALL BE AS SPECIFIED IN THE CONTRACT SPECS AND BOO.

4. ALL PIPE SIZES SHOWN ARE NOMINAL DIAMETER IN INCHES. UNLESS OTHERWISE MENTIONED.

5. INSTALLER SHOULD NOT SCALE THE DRAWING.

6. ALL PIPE PENETRATIONS IN WALL & SLABS SHALL BE THROUGH PIPE SLEEVES.

7. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.

TABLE 604.4 MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES AND FIXTURE FITTINGS	
PLUMBING FIXTURE R FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY b
LAVATORY, PRIVATE	1.5 gpm at 60 psi
SINK FAUCET	1.5 gpm at 60 psi
WATER CLOSET	1.28 GALLONS PER FLUSHING CYCLE
FOR SI:	
1 GALLON = 3.785 L, 1 GALLON PER MINUTE = 3.785 L/M, 1 POUND PER SQUARE INCH = 6.895 KPA.	
A. A HAND HELD SHOWER SPRAY IS A SHOWER HEAD.	
B. CONSUMPTION TOLERANCES SHALL BE DETERMINED FROM REFERENCED STANDARDS.	
C. WATER FACTOR IN GALLONS PER CYCLE CUBIC FOOT.	
ALL PLUMBING FIXTURES SHALL CONTRIBUTE TO A LEEDS SOLUTION AND SHALL MEET EPA CRITERIA AND BEEN CONSIDERED AS WATER EFFICIENT PRODUCTS AS STIPULATED BY THE LEEDS TA 2009 REFERENCE GUIDE (20% REDUCTION REQUIRED).	

OCCUPANT LOAD SHALL BE USED TO DETERMINE ALL FIXTURE COUNTS PER THE 2018 IPC TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES ASSEMBLY – AUDITORIUMS WITHOUT PERMANENT SEATING, ART GALLERIES, EXHIBITION HALLS, MUSEUMS, LECTURE HALLS, LIBRARIES, ARCADES AND GYMNASIUMS (NOTE D)

607.2 HOT OR TEMPERED WATER SUPPLY TO FIXTURES. THE DEVELOPED LENGTH OF HOT OR TEMPERED WATER PIPING, FROM THE SOURCE OF HOT WATER TO THE FIXTURES THAT REQUIRE HOT OR TEMPERED WATER, SHALL NOT EXCEED 50 FEET (15 240 MM). RECIRCULATING SYSTEM PIPING AND HEAT–TRACED PIPING SHALL BE CONSIDERED TO BE SOURCES OF HOT OR TEMPERED WATER.

607.1.1 TEMPERATURE LIMITING MEANS. A THERMOSTAT CONTROL FOR A WATER HEATER SHALL NOT SERVE AS THE TEMPERATURE LIMITING MEANS FOR THE PURPOSES OF COMPLYING WITH THE REQUIREMENTS OF THIS CODE FOR MAXIMUM ALLOWABLE HOT OR TEMPERED WATER DELIVERY TEMPERATURE AT FIXTURES.

607.1.2 TEMPERED WATER TEMPERATURE CONTROL. TEMPERED WATER SHALL BE SUPPLIED THROUGH A WATER TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070/ASME A112.1070/CSA B125.70 AND SHALL LIMIT THE TEMPERED WATER TO NOT GREATER THAN 110°F (43°C). THIS PROVISION SHALL NOT SUPERSEDE THE REQUIREMENT FOR PROTECTIVE SHOWER VALVES IN ACCORDANCE WITH SECTION 412.3.

607.3 THERMAL EXPANSION CONTROL. WHERE A STORAGE WATER HEATER IS SUPPLIED WITH COLD WATER THAT PASSES THROUGH A CHECK VALVE, PRESSURE REDUCING VALVE OR BACKFLOW PREVENTER, A THERMAL EXPANSION CONTROL DEVICE SHALL BE CONNECTED TO THE WATER HEATER COLD WATER SUPPLY PIPE AT A POINT THAT IS DOWNSTREAM OF ALL CHECK VALVES, PRESSURE REDUCING VALVES AND BACKFLOW PREVENTERS. THERMAL EXPANSION TANKS SHALL BE SIZED IN ACCORDANCE WITH THE TANK MANUFACTURER’S INSTRUCTIONS AND SHALL BE SIZED SUCH THAT THE PRESSURE IN THE WATER DISTRIBUTION SYSTEMSHALL NOT EXCEED THAT REQUIRED BY SECTION 604.8.



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OWNER:

JUBILATION PLANT-BASED KITCHEN (JUBILATION HEALTH & WELLNESS)

ADDRESS:

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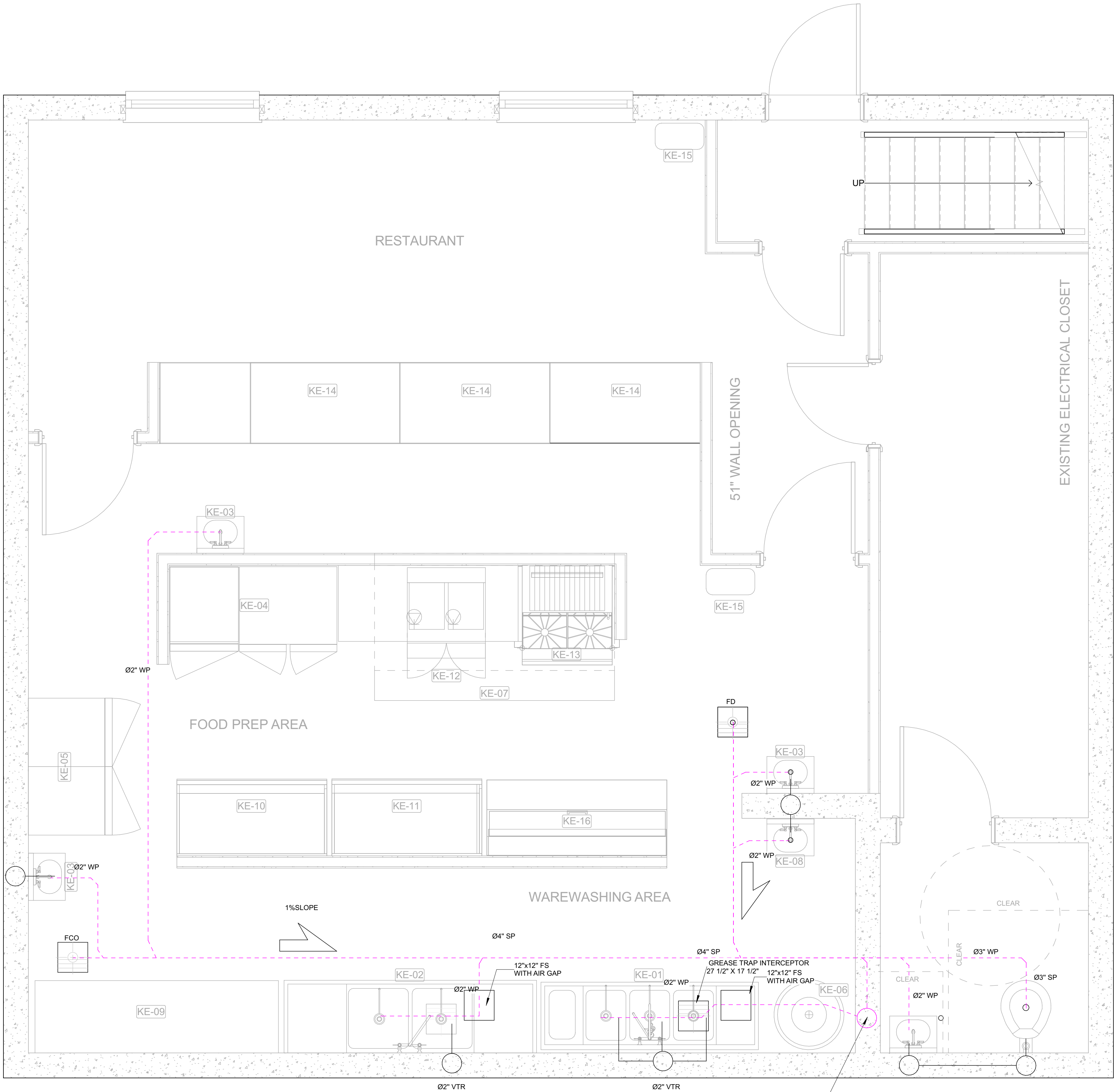
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PROJECT TITLE:
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DRAWING:
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DRAWN BY: D.M CHECKED BY: N.B DATE: 03/10/2026

JOB NO: SHT NO: PL-01 SCALE: NTS @A3



PL
01

DRAINAGE FLOOR PLAN

SCALE 1/4"=1'-0"

DRAINAGE TO CONNECT
TO EXISTING SEWER

- DRAINAGE NOTES:**
1. ALL KITCHEN WASTE INCLUDING FLOOR DRAINS, MOP SINKS, 3-COMP SINKS, AND DISHWASHER SHALL DISCHARGE THROUGH THE GREASE INTERCEPTOR PRIOR TO CONNECTING TO THE SANITARY SEWER PER IPC 1003.3.
 2. TRAP PRIMER PROVIDED FOR FLOOR DRAINS
 3. TEMPERED WATER MIXING VALVE INSTALLED AT HAND SINKS
 4. ALL INDIRECT WASTE PIPING SHALL MAINTAIN 1" AIR GAP ABOVE FLOOR SINK

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	HWS - HOT WATER SUPPLY
	CWS - COLD WATER SUPPLY
	SOIL PIPE
	WASTE PIPE
	SHUT OFF VALVE
	GATE VALVE
WH	WATER HEATER
GT	GREASE TRAP
WC	WATER CLOSET
KS	KITCHEN SINK
AS	ABLUTION SPRAY
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
LAV	LAVATORY



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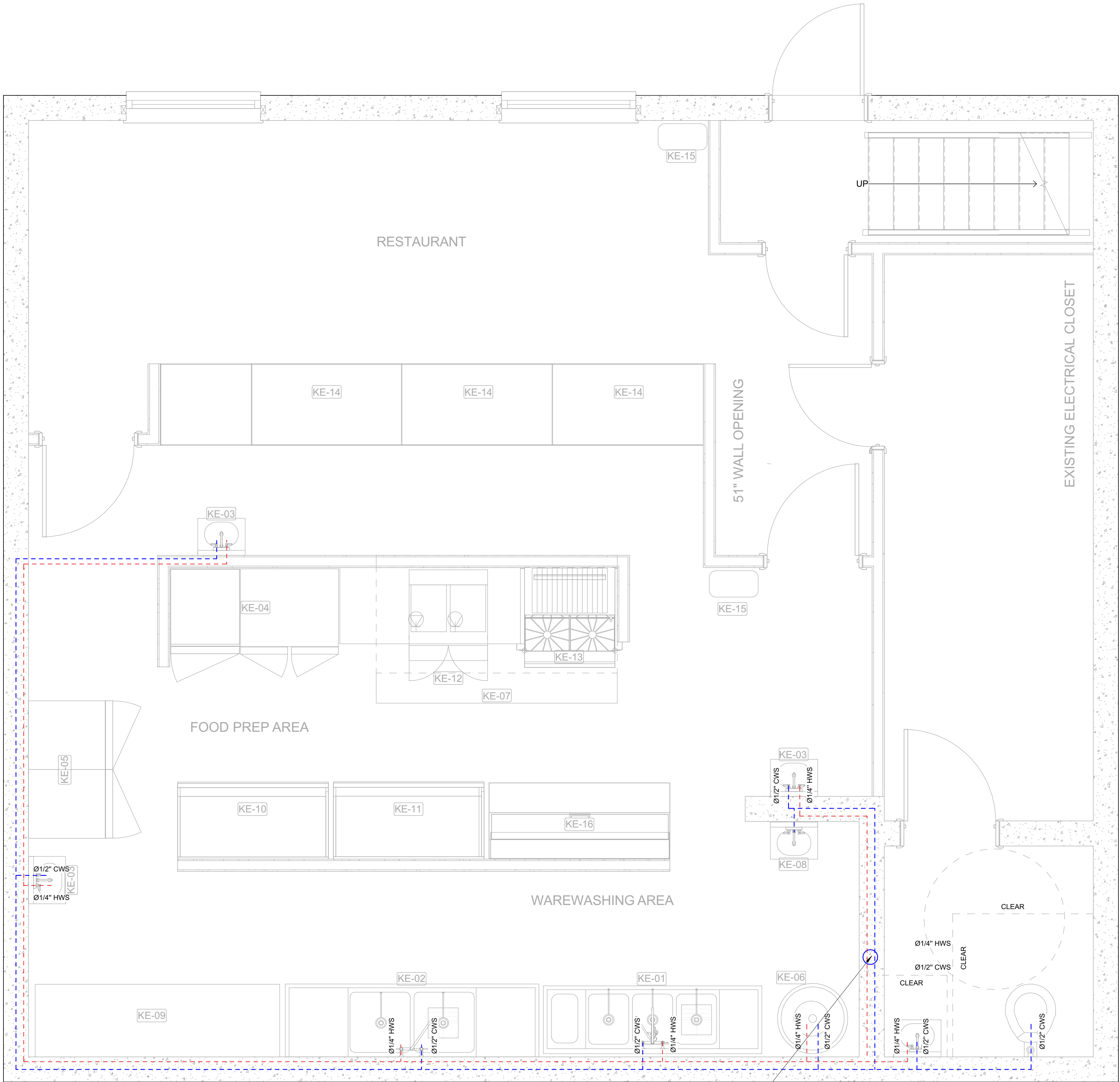
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PROJECT TITLE:
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DRAWING:
DRAINAGE FLOOR PLAN

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JOB NO:	SHT NO: PL-02	SCALE: 1/4"=1'-0"



PL 02 WATER SUPPLY FLOOR PLAN
SCALE 1/4"=1'-0"

CONNECT WATER SUPPLY TO EXISTING SERVICE CONNECTION

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	HWS - HOT WATER SUPPLY
	CWS - COLD WATER SUPPLY
	SOIL PIPE
	WASTE PIPE
	SHUT OFF VALVE
	GATE VALVE
WH	WATER HEATER
GT	GREASE TRAP
WC	WATER CLOSET
KS	KITCHEN SINK
AS	ABLUTION SPRAY
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
LAV	LAVATORY



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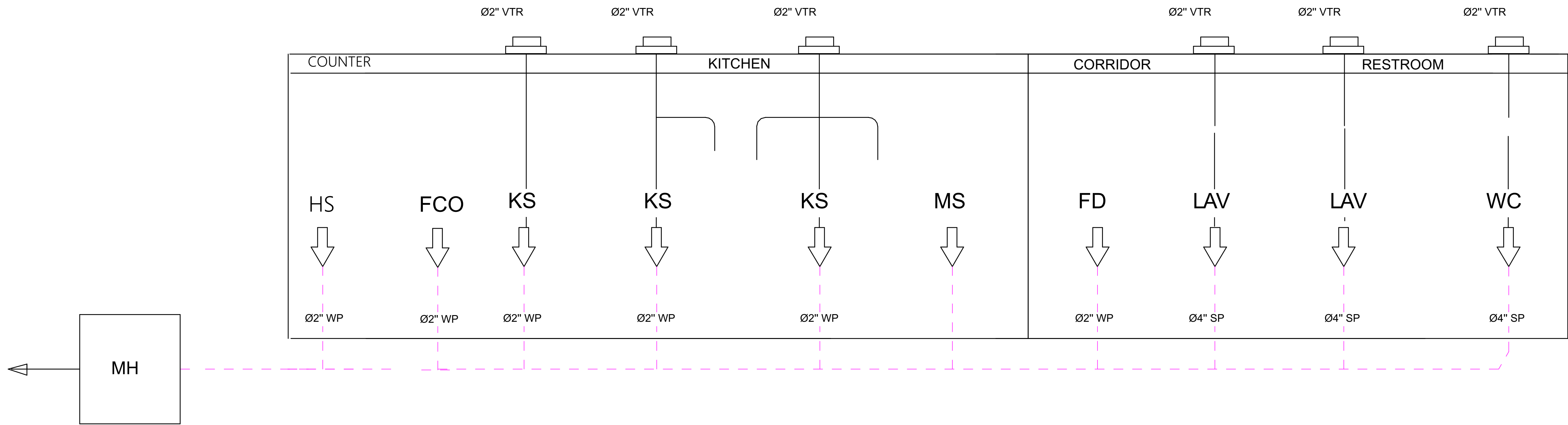
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PROJECT TITLE:
RESTAURANT

DRAWING:
WATER SUPPLY FLOOR PLAN

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JOB NO:	SHT NO: PL-03	SCALE: 1/4"=1'-0"



DRAINAGE TO CONNECT TO
EXISTING SEWER

PL 02 DRAINAGE SYSTEM RISER DIAGRAM
SCALE 1/4"=1'-0"

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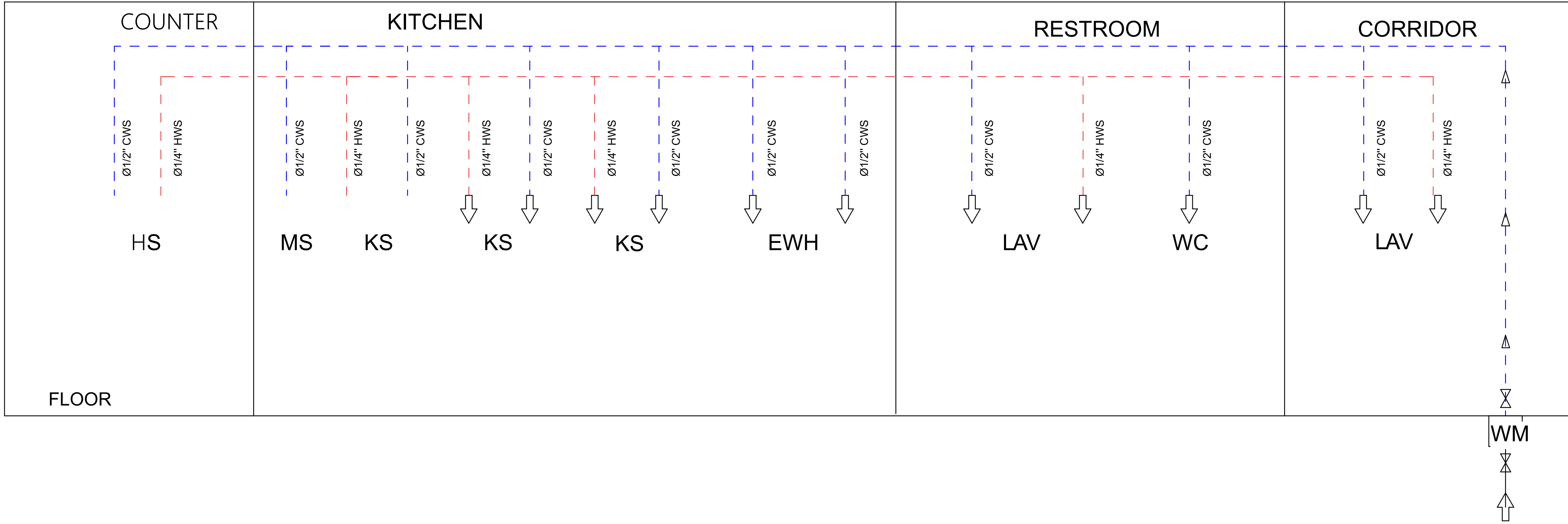
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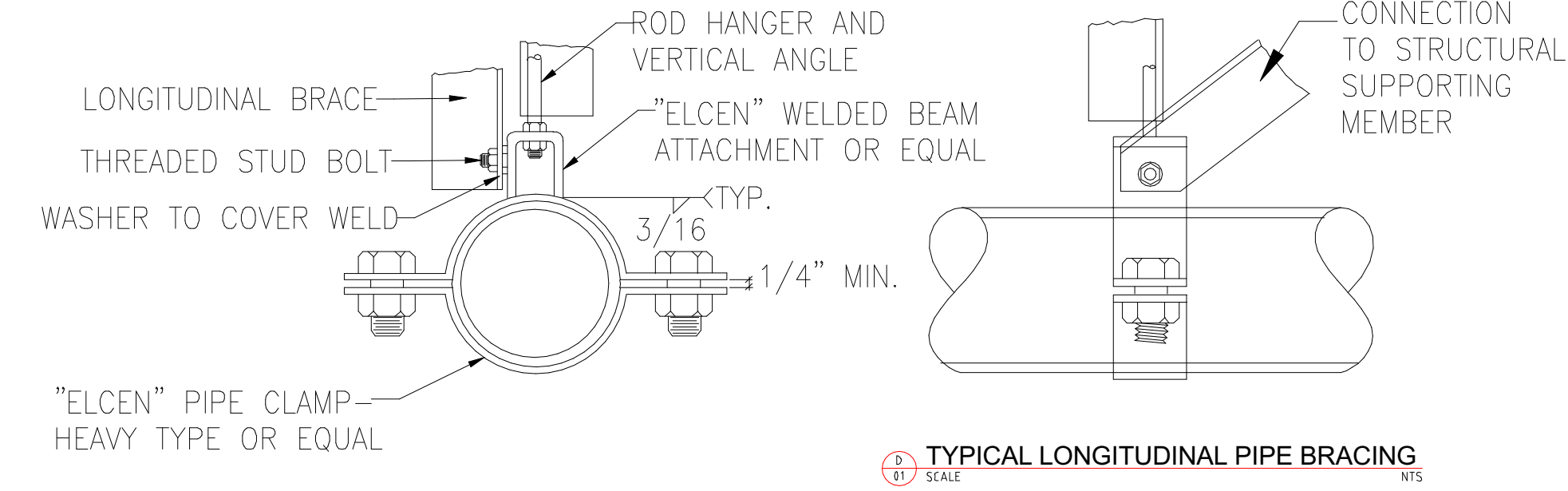
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DRAWING:
RISER DIAGRAM

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: PL-04	SCALE: 1/4"=1'-0"

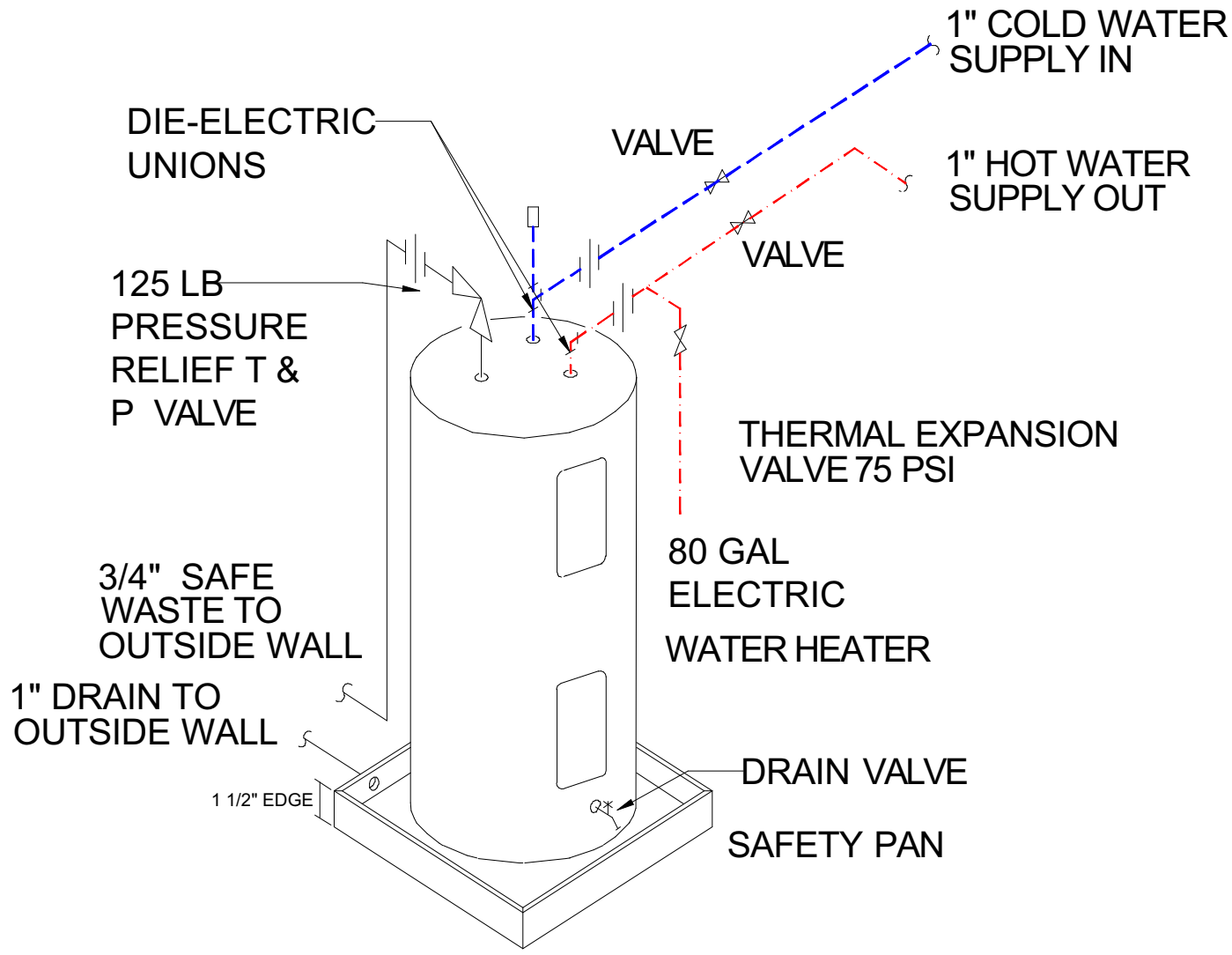


PL 02 WATER SUPPLY SYSTEM RISER DIAGRAM
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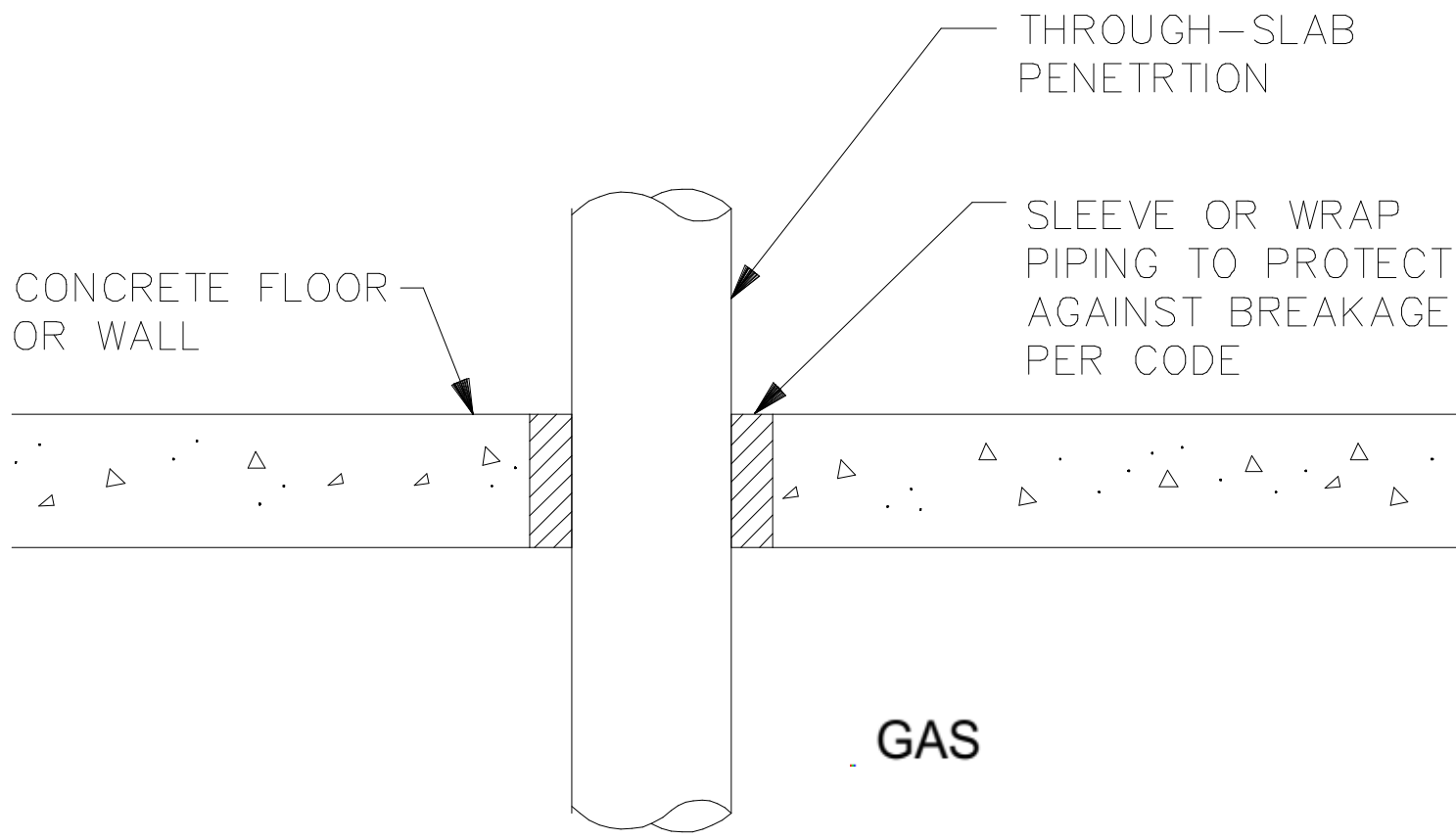


1. THIS BRACING DETAIL APPLIES ONLY FOR COLD WATER PIPE AND GAS PIPE WHERE MOVEMENT OF THE PIPE DUE TO TEMPERATURE DIFFERENTIAL IS NEGLIGIBLE
2. IT IS THE RESPONSIBILITY OF THE USER OF THIS GUIDELINE TO ASCERTAIN THAT AN ADEQUATE BRACING AND ANCHORAGE DEVICE BE DESIGNED FOR PIPE WHENEVER THE MOVEMENT DUE TO THERMAL DIFFERENTIAL EXISTS. PROVIDE ONE ANCHOR POINT IN ONE PIPE RUN. ALLOW FOR LONGITUDINAL PIPE MOVEMENT AT THE OPPOSITE END OF THE ANCHOR POINT.

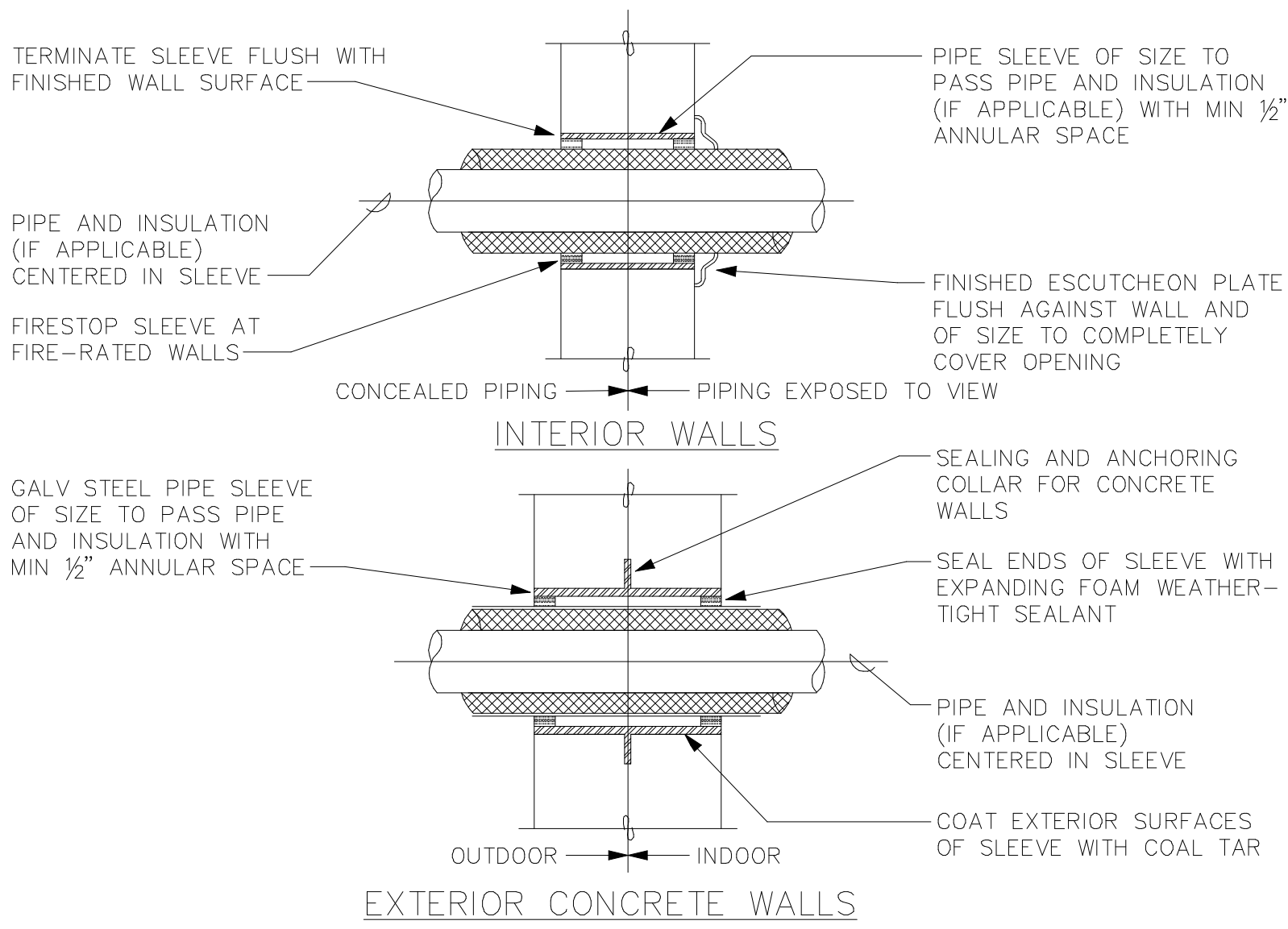
D 01 SCALE LONGITUDINAL PIPE BRACING NTS



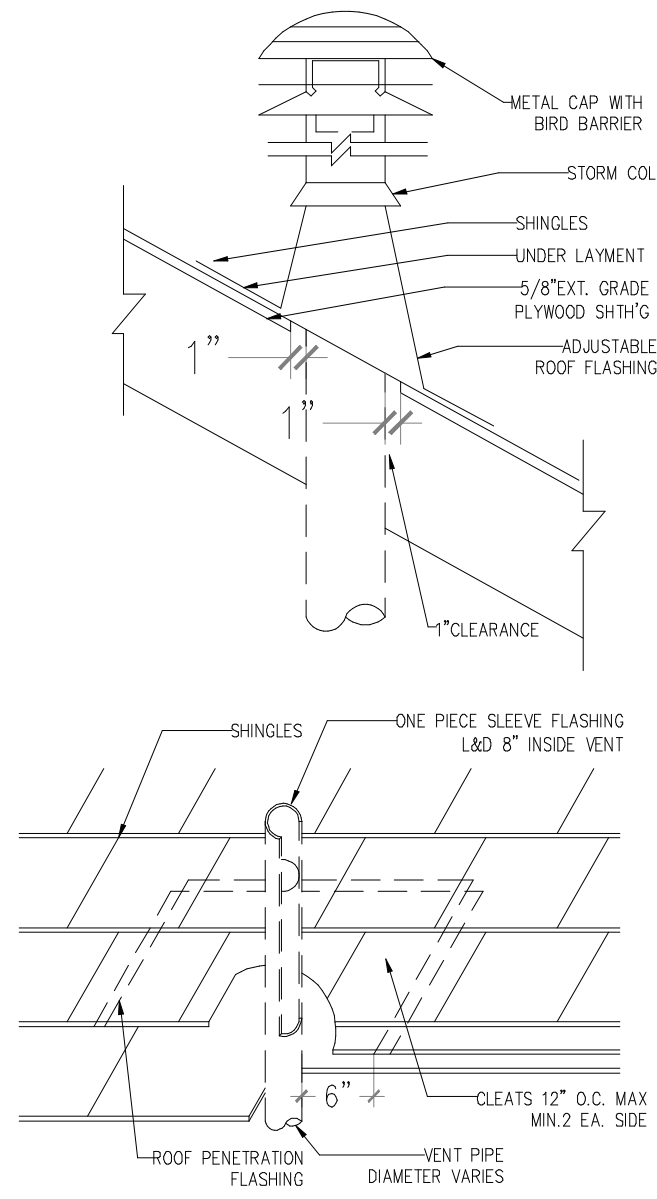
D 02 SCALE WATER HEATER INSTALLATION DETAILS NTS



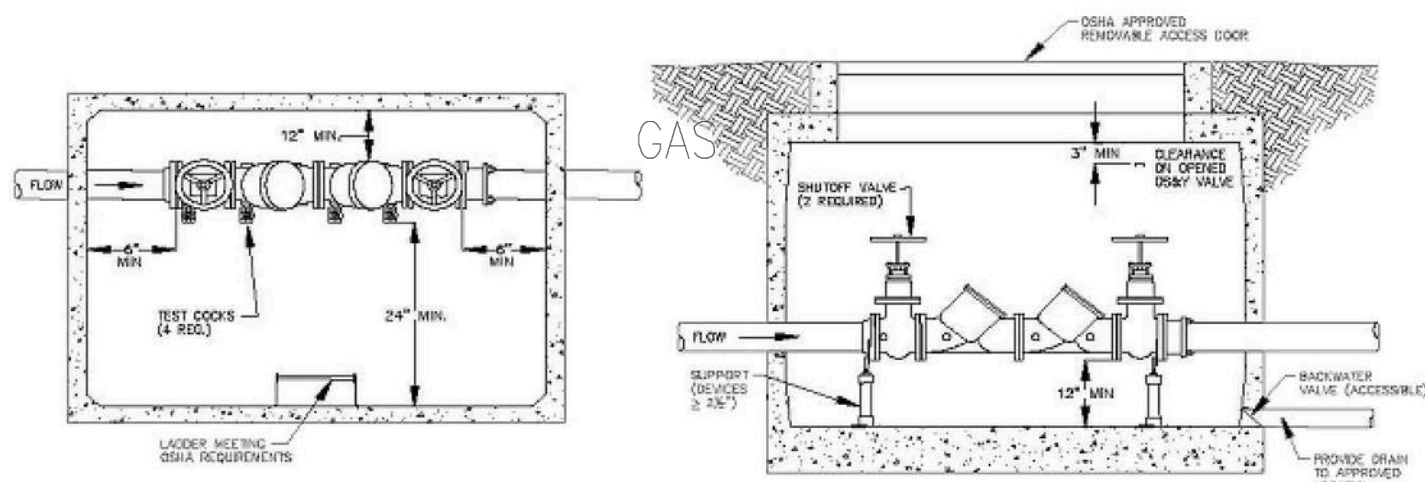
D 03 SCALE PIPE SLAB PENETRATION NTS



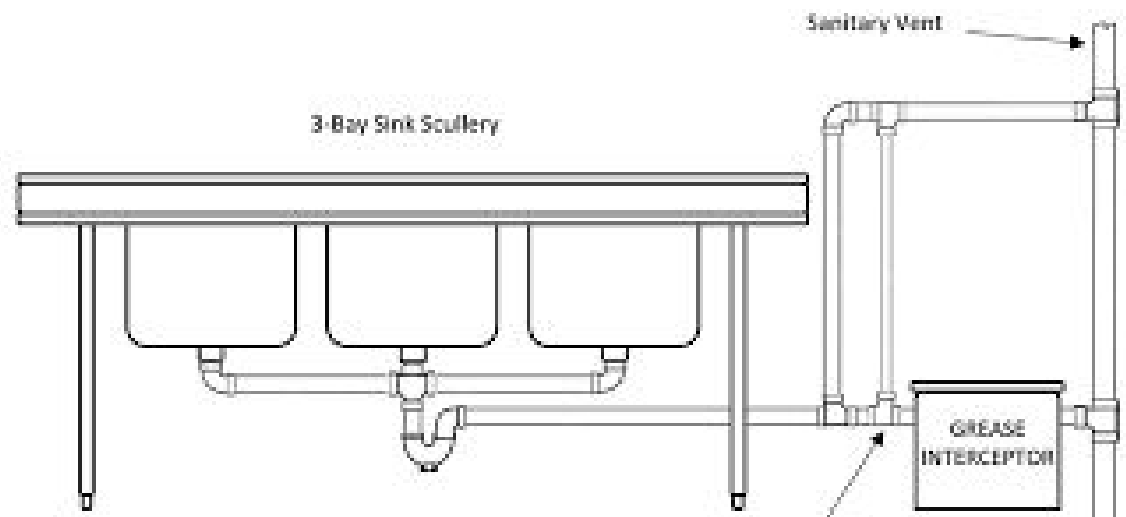
D 04 SCALE PIPE SLEEVES THROUGH WALLS NTS



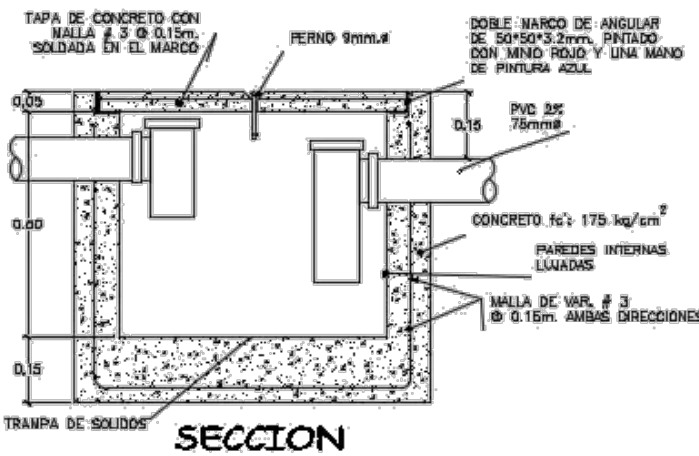
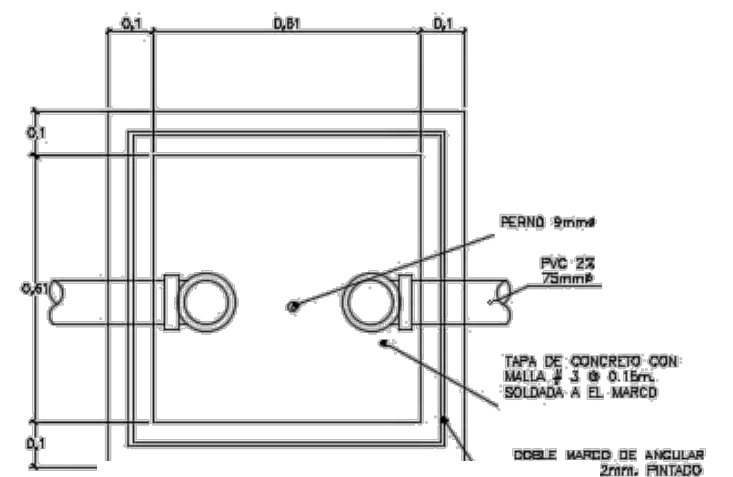
D 05 SCALE THRU ROOF VENT DETAIL NTS



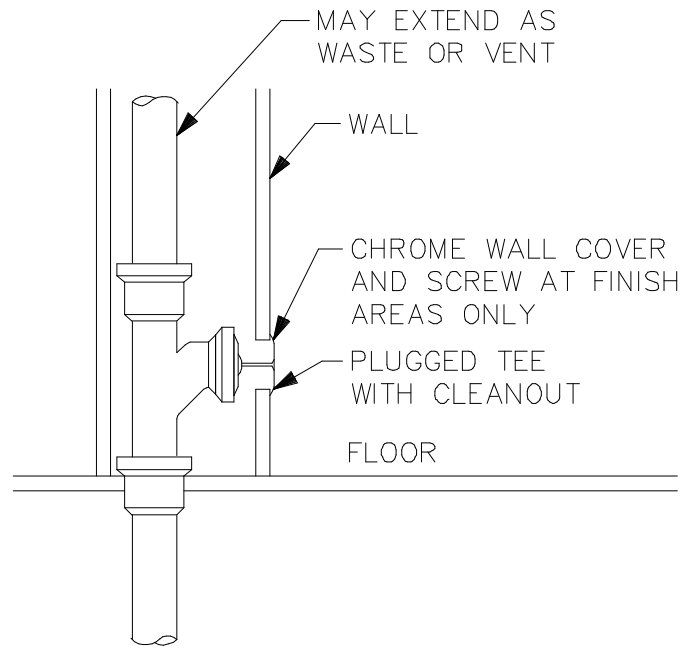
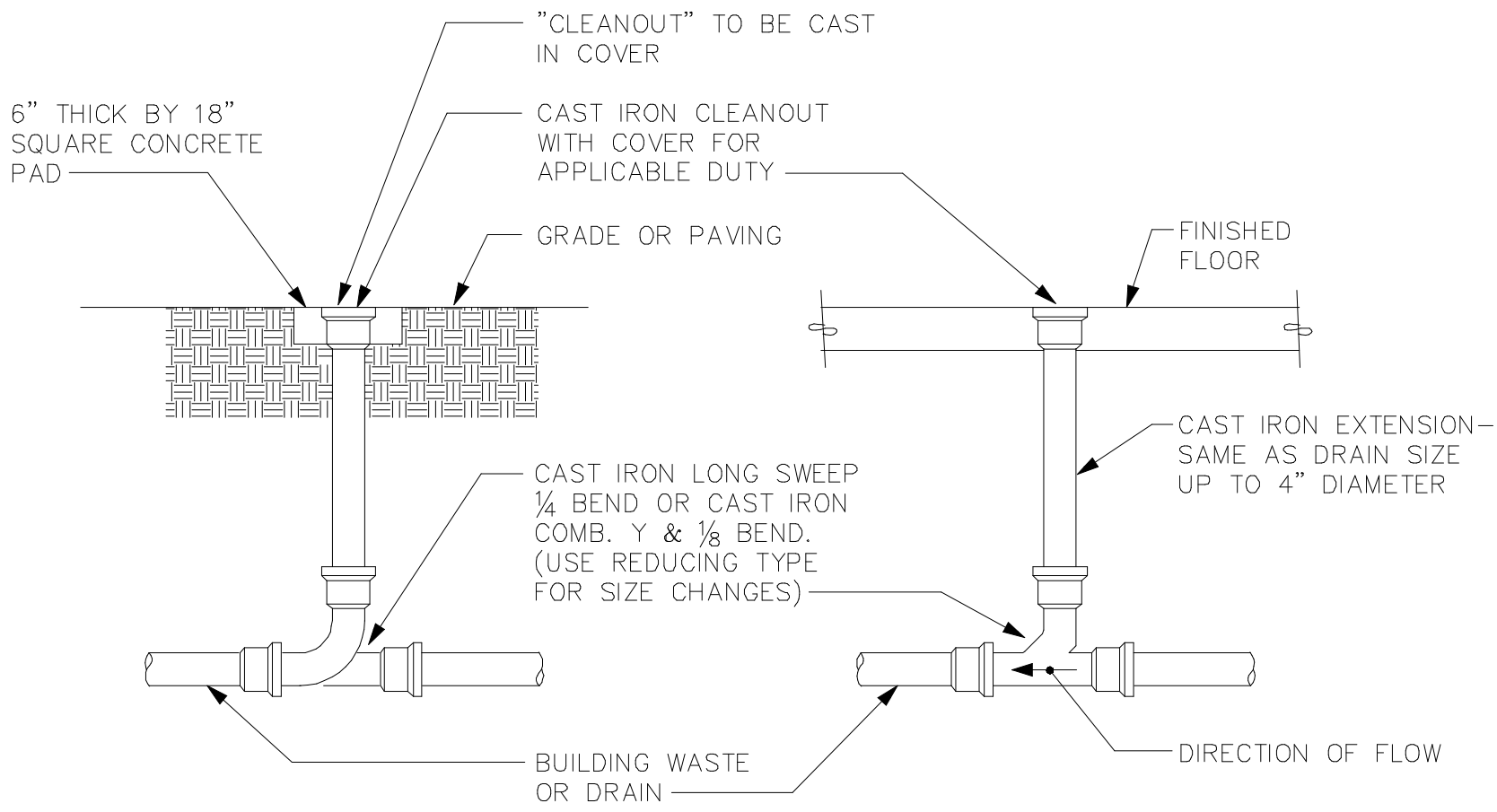
D 06 SCALE BACKFLOW PREVENTOR DETAIL NTS



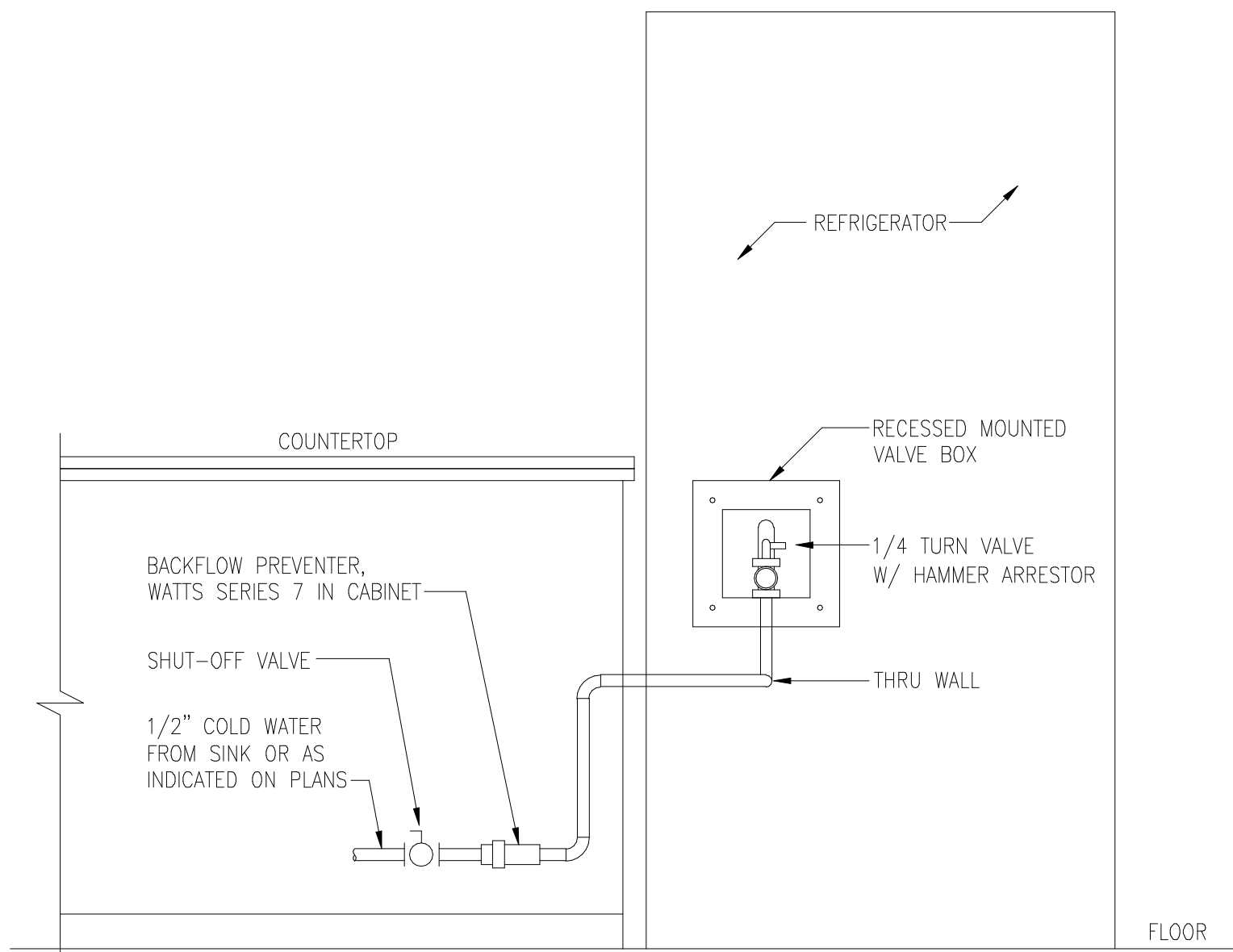
D 06 SCALE GREASE TRAP DETAIL NTS



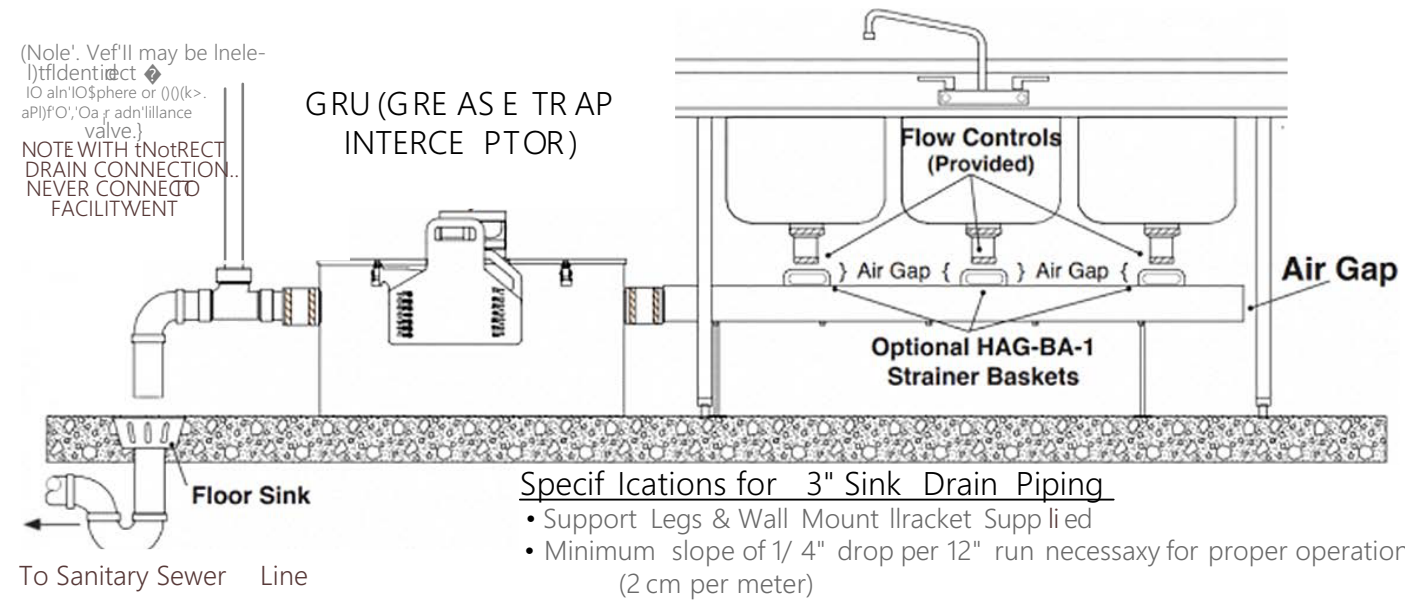
D 06 SCALE GREASE TRAP DETAIL NTS



D 07 SCALE CLEANOUT DETAILS NTS



D 08 SCALE REFRIGERATOR WATER CONNECTION DETAIL NTS



D 06 SCALE GREASE TRAP DETAIL NTS



08/20/2026

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OWNER SIGNATURE

REVISION STATUS			
REV	DATE	DESCRIPTION	DRAWN BY
00	03/28/2025		
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02			
03			
04			

CLIENT/CONSULTANT APPROVAL STATUS	
APPROVED	
APPROVED WITH NOTES	
RESUBMIT	
DISAPPROVED	

OWNER: JUBILATION PLANT-BASED KITCHEN (JUBILATION HEALTH & WELLNESS)

ADDRESS: 2411 CROFTON LANE SUITE 18A CROFTON, MD

DESIGN CONSULTANT: TSABA CORP
NADIF BRACEY
254 CHAPMAN RD, STE 208.13130
NEWARK, DELAWARE 19702
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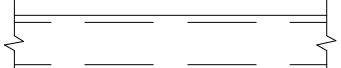
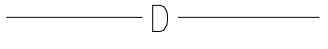
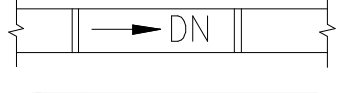
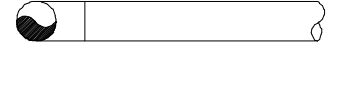
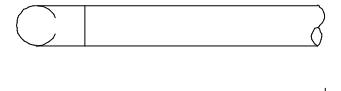
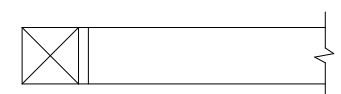
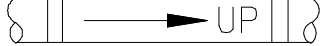
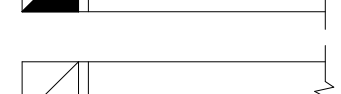
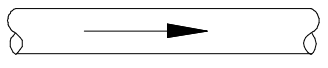
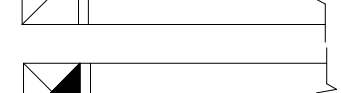
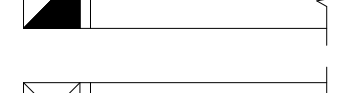
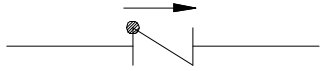
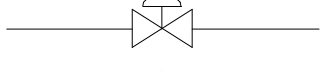
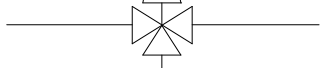
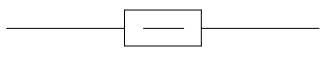
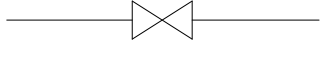
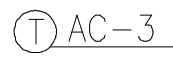
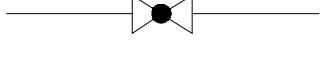
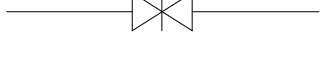
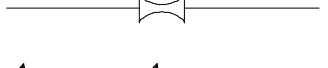
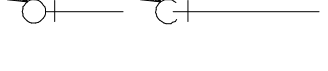
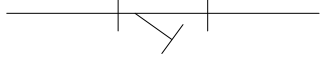
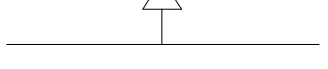
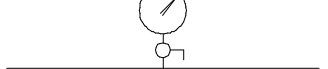
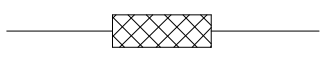
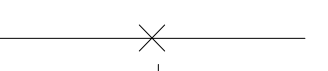
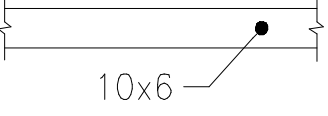
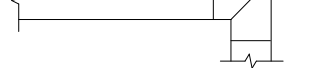
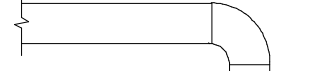
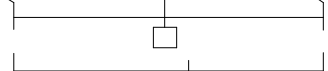
DRAWING STATUS: DESIGN DRAWING

DISCIPLINE: PLUMBING

PROJECT TITLE: RESTAURANT

DRAWING: DETAILS

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: PL-05	SCALE: NTS @A3

MECHANICAL LEGEND					
SYMBOL	ABBREV.	DESCRIPTION	SYMBOL	ABBREV.	DESCRIPTION
		COORDINATE WITH ELECTRICAL			LINED DUCTWORK (OR PLENUM)
	CD	CONDENSATE DRAIN (A.C)			DUCT RISE IN DIRECTION OF FLOW
	D	DRAIN			DUCT DROP IN DIRECTION OF FLOW
	RD	REFRIGERANT DISCHARGE			ROUND DUCT UP
	RL	REFRIGERANT LIQUID			ROUND DUCT DOWN
	RS	REFRIGERANT SUCTION			SUPPLY DUCT UP
		PIPE DOWN			SUPPLY DUCT DOWN
		PIPE UP		RA/OA	RETURN AIR DUCT/OUTSIDE AIR DUCT UP
		PIPE RISE (OR DN. FOR DROP)			RETURN AIR DUCT/OUTSIDE AIR DUCT DOWN
		DIRECTION OF FLOW IN PIPE			EXHAUST AIR DUCT UP
	AV	AIR VENT (VALVE)			EXHAUST AIR DUCT DOWN
	CHV	CHECK VALVE			DUCT TRANSITION
	CV (2W)	CONTROL VALVE (2-WAY)		CD	CEILING DIFFUSER
	CV (3W)	CONTROL VALVE (3-WAY)		RR	RETURN REGISTER
	FCD	AUTOMATIC FLOW CONTROL DEVICE		ER	EXHAUST REGISTER
	SOV	SHUT OFF VALVE		T*STAT	THERMOSTAT OR TEMPERATURE SENSOR (NUMBER INDICATES EQUIPMENTOR ZONE SERVED)
		GLOBE/BALL/BUTTERFLY VALVE		H*STAT	HUMIDISTAT
	BV	COMBINATION BALANCING & SHUT-OFF VALVE			CARBON DIOXIDE SENSOR
	FEV	FLOW ELEMENT VENTURI		CFM	CUBIC FEET PER MINUTE
		VALVE ON RISE OR DROP			SYMBOL, SEE EQUIPMENT SCHEDULE
	STR.	STRAINER			
	CL	CAPPED LINE			
	DN.	DOWN OR DROP			
	UP	RISE OR RISER			
	RV	PRESSURE RELIEF VALVE			
	PG	PRESSURE GAUGE WITH BALL VALVE			
	R.	ECCENTRIC REDUCER			
	R.	CONCENTRIC REDUCER			
	FC	FLEXIBLE CONNECTION (PIPE)			
	PA	PIPE ANCHOR			
	U	UNION			
		DUCTWORK (1ST NUMBER INDICATES WIDTH SHOWN), NET INSIDE DIMENSION			
	TV	SQUARE ELBOW WITH TURNING VANES			
		RADIUS ELBOW			
	MVD	MANUAL VOLUME DAMPER			
	MOD	MOTOR OPERATED DAMPER			
	BDD	BACKDRAFT DAMPER			
	FD	FIRE DAMPER			
	SD	DUCT MOUNTED SMOKE DETECTOR			
	SFD	AUTOMATIC SMOKE AND FIRE DAMPER			
	FLEX	FLEXIBLE CONNECTION (DUCTWORK)			
	FLEX	FLEXIBLE CONNECTION OR SEISMIC JOINT			

HVAC ABBREVIATIONS			
A	AMPERES	HZ	FREQUENCY
AC	AIR CONDITIONING	IN	INCH OR INCHES
AD	ACCESS DOOR	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	LG	LENGTH
AL	ACOUSTICAL LINING	LAT	LEAVING AIR TEMPERATURE
BHP	BRAKE HORSEPOWER	LBS	POUNDS
BTU	BRITISH THERMAL UNIT	LDB	LEAVING DRY BULB TEMPERATURE
BTUH	BTU PER HOUR	LIN FT	LINEAR FEET
CD	CEILING DIFFUSER	LWB	LEAVING WET BULB TEMPERATURE
CFM	CUBIC FEET PER MINUTE	MAX	MAXIMUM
CG	CEILING GRILLE	MBH	THOUSAND BTU PER HOUR
CLG	CEILING	MHP	MOTOR HORSEPOWER
COMPR	COMPRESSOR	MIN	MINIMUM
CR	CEILING REGISTER	NIC	NOT IN CONTRACT
DB	DRY BULB	NO.	NUMBER
DIAM	DIAMETER	NTS	NOT TO SCALE
DN	DOWN	RA	RETURN AIR
DWG	DRAWING	RM	ROOM
DX	DIRECT EXPANSION	RPM	REVOLUTIONS PER MINUTE
EAT	ENTERING AIR TEMPERATURE	SP	STATIC PRESSURE
EDB	ENTERING DRY BULB TEMPERATURE	SPEC	SPECIFICATION
EF	EXHAUST FAN	TEMP	TEMPERATURE
EWB	ENTERING WET BULB	TG	TOP GRILLE
EWT	ENTERING WATER TEMPERATURE	TV	TURNING VANES
*F	DEGREES FAHRENHEIT	TYP	TYPICAL
FC	FLEXIBLE CONNECTION	W	WIDTH
FD	FIRE DAMPER	W/	WITH
FIN FL	FINISHED FLOOR	W/O	WITHOUT
FLA	FULL LOAD AMPERES	WB	WET BULB
FPM	FEET PER MINUTE	WMS	WIRE MESH SCREEN
FT	FEET	SG	SUPPLY GRILLE
HD	HEAD	RG	RETURN GRILLE
HR	HOUR	SP	SMOKE PURGE
MAU	MAKE UP AIR UNIT		



08/20/2026

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OWNER SIGNATURE

REVISION STATUS			
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CLIENT/CONSULTANT APPROVAL STATUS	
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APPROVED WITH NOTES	
RESUBMIT	
DISAPPROVED	

OWNER:
JUBILATION PLANT-BASED KITCHEN
(JUBILATION HEALTH & WELLNESS)
ADDRESS:
2411 CROFTON LANE SUITE 18A
CROFTON, MD

DESIGN CONSULTANT:
TSABA CORP
NADIF BRACEY
254 CHAPMAN RD,STE 208.13130
NEWARK,DELAWARE 19702
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DRAWING STATUS:
DESIGN DRAWING

DISCIPLINE:
MECHANICAL

PROJECT TITLE:
RESTAURANT

DRAWING:
NOTES

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2026
JOB NO:	SHT NO: ME-01	SCALE: NTS @A3

OUTDOOR AIR CALCULATION TABLE

Parameter	Value
Total Area	1,211.12 sq.ft
Occupancy Density	1 person / 66.56 sq. ft
Estimated Number of Occupants	18.2 occupants
Occupant Outdoor Air Rate (Rp)	7.5 CFM/Person
Area Outdoor Air Rate (Ra)	0.18 CFM/sq.ft
Total Occupant-Based Air (CFM)	136.5 CFM
Total Area-Based Air (CFM)	218.0 CFM
Total Outdoor Air Requirement (CFM)	354.5 CFM

AHU-1 SCHEDULE													
MARK	QTY	LOCATION	MANUFACTURER AND MODEL	BTU OUTPUT	SUPPLY CFM	ESP (IN. W.G.)	FUEL	Dimensions L x W x H	Gas Connection Size in	ELECTRICAL V/Ph/Hz	MCA	MAX FUSE SIZE	WEIGHT
AHU 1	1	AS SHOWN	York Predator® 7.5	90,000	3,600	0.7	NAT GAS	-	1/2	115/1/60	7.2	15 amp	-
OUTDOOR CONDENSING UNIT													
MARK	QTY	LOCATION	MANUFACTURER	TON	COOLING CAPACITY BTU/H	AMBIENT TEMP	FLA	CIRCUIT BREAKER MAX AMPS	LIQUID LINE SUCTION LINE	REF	ELECTRICAL	WEIGHT	DIMENSIONS
CU 1	1	AS SHOWN	York Predator® 7.5	7.5	58,000	95F	0.5	30	3/8" / 7/8"	R410a	208-1-60	165 LBS	----
EXHAUST FAN SCHEDULE													
MARK	QTY	LOCATION	MANUFACTURER AND MODEL	TYPE	CFM	E.S.P. (IN. W.G.)	MOTOR DATA			SONES	OPTIONS -ACCESSORIES	WEIGHT	
							WATTS	SPEED	ELECTRICAL				
EF 1	1	BATHROOM	YORK(PENNBARRY) OR EQUAL	CEILING MOUNTED	50	0.25	1500	1	120-1-60	1.5	BACK DRAFT DAMPER CONTROLLED BY SWITCH	10	

NOTES:
VERIFY WITH ARCHITECT/OWNER FOR EXACT MODEL NUMBER BEFORE ROUGH-IN ALL EXHAUST FANS TO BE ENERGY STAR CERTIFIED

DRAWING LEGEND	
SYMBOL	DESCRIPTION
	OUTDOOR AIR CONDENSING UNIT
	VERTICAL AIR HANDLER UNIT
	AIR SUPPLY DUCT SIZE IS SHOWN ON PLAN
	EXHAUST AIR DUCT SIZE IS SHOWN ON PLAN
	SUPPLY AIR DIFFUSER ON CEILING FOR BASEMENT
	EXHAUST FAN



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EMAIL:NADIF@TS9DESIGNS.COM

DRAWING STATUS:
DESIGN DRAWING

DISCIPLINE:
MECHANICAL

PROJECT TITLE:
RESTAURANT

DRAWING:
HVAC FLOOR PLAN

DRAWN BY:
D.M

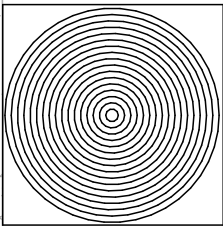
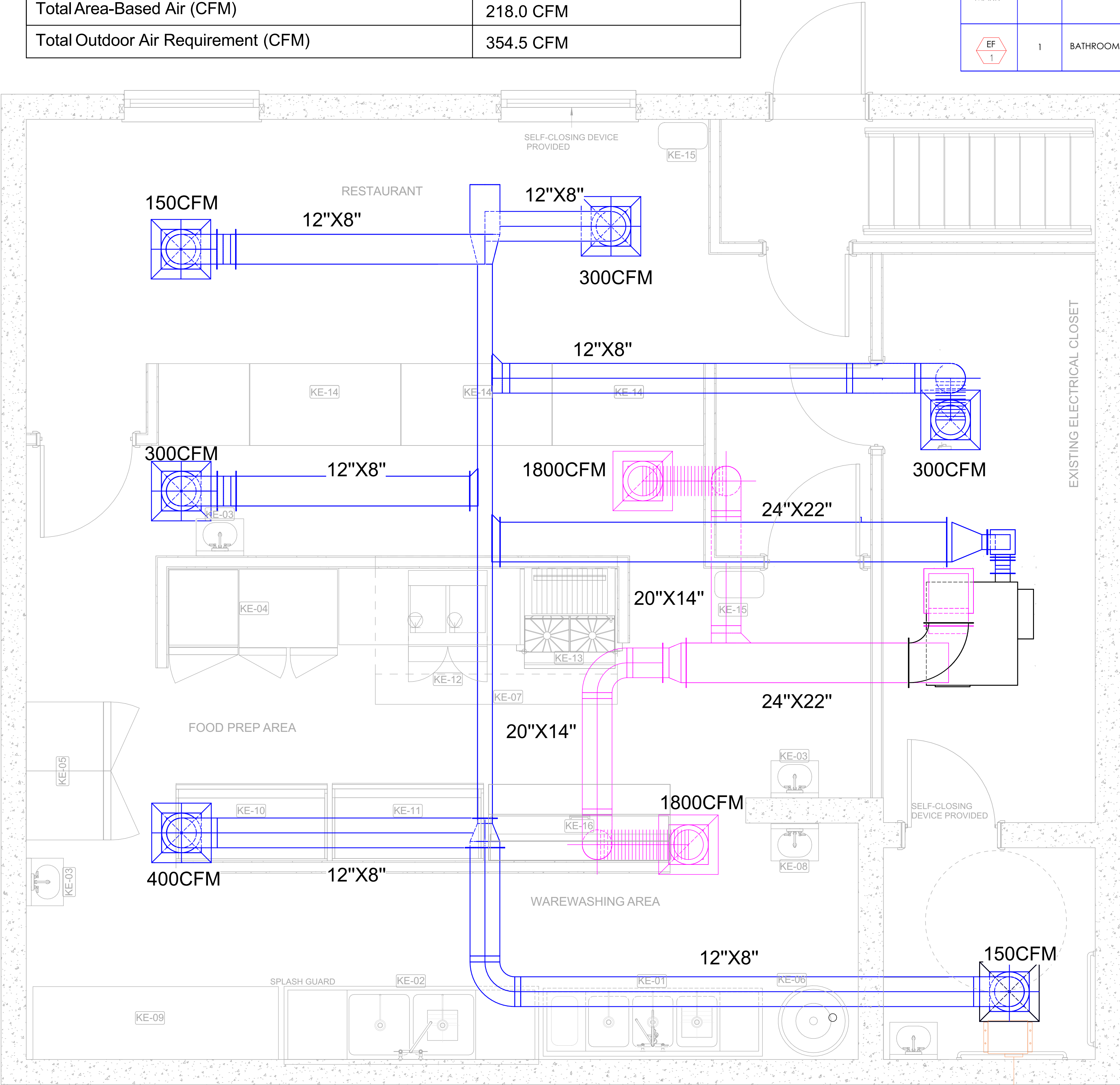
CHECKED BY:
N.B

DATE:
03/10/2026

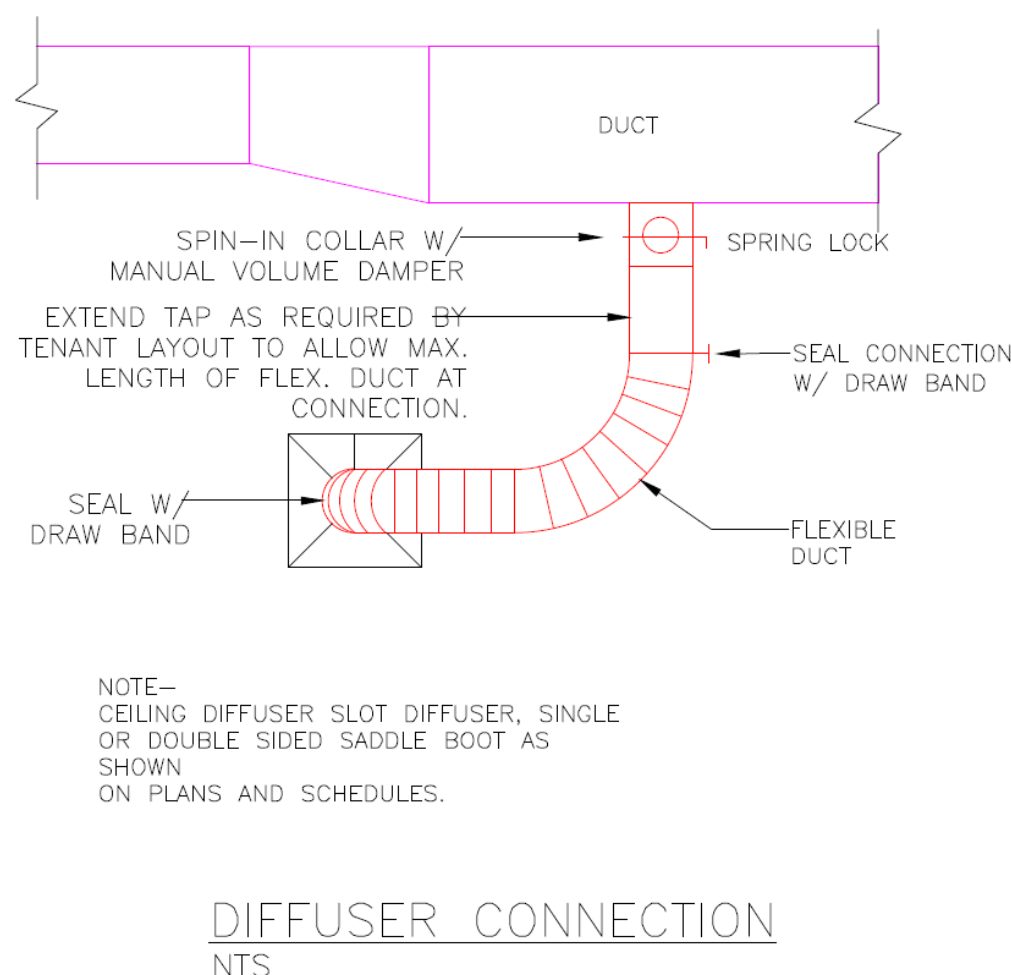
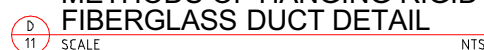
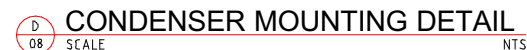
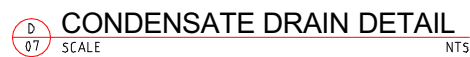
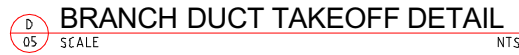
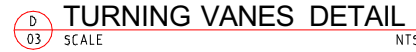
JOB NO:

SHT NO:
ME-02

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



7.5 TON RTU
TO BE INSTALLED ON ROOFTOP



586 Rahway Ave
Westfield, NJ 07090

267-808-9472
jason@revision21vis.com

OWNER SIGNATURE _____

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DRAWING STATUS:	DESIGN DRAWING
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DISCIPLINE: MECHANICAL

PROJECT TITLE: RESTAURANT

DRAWING: DETAILS

DRAWN BY: D.M	CHECKED BY: N.B	DATE: 03/10/2020
JOB NO:	SHT NO: ME-03	SCALE: NTS @A3