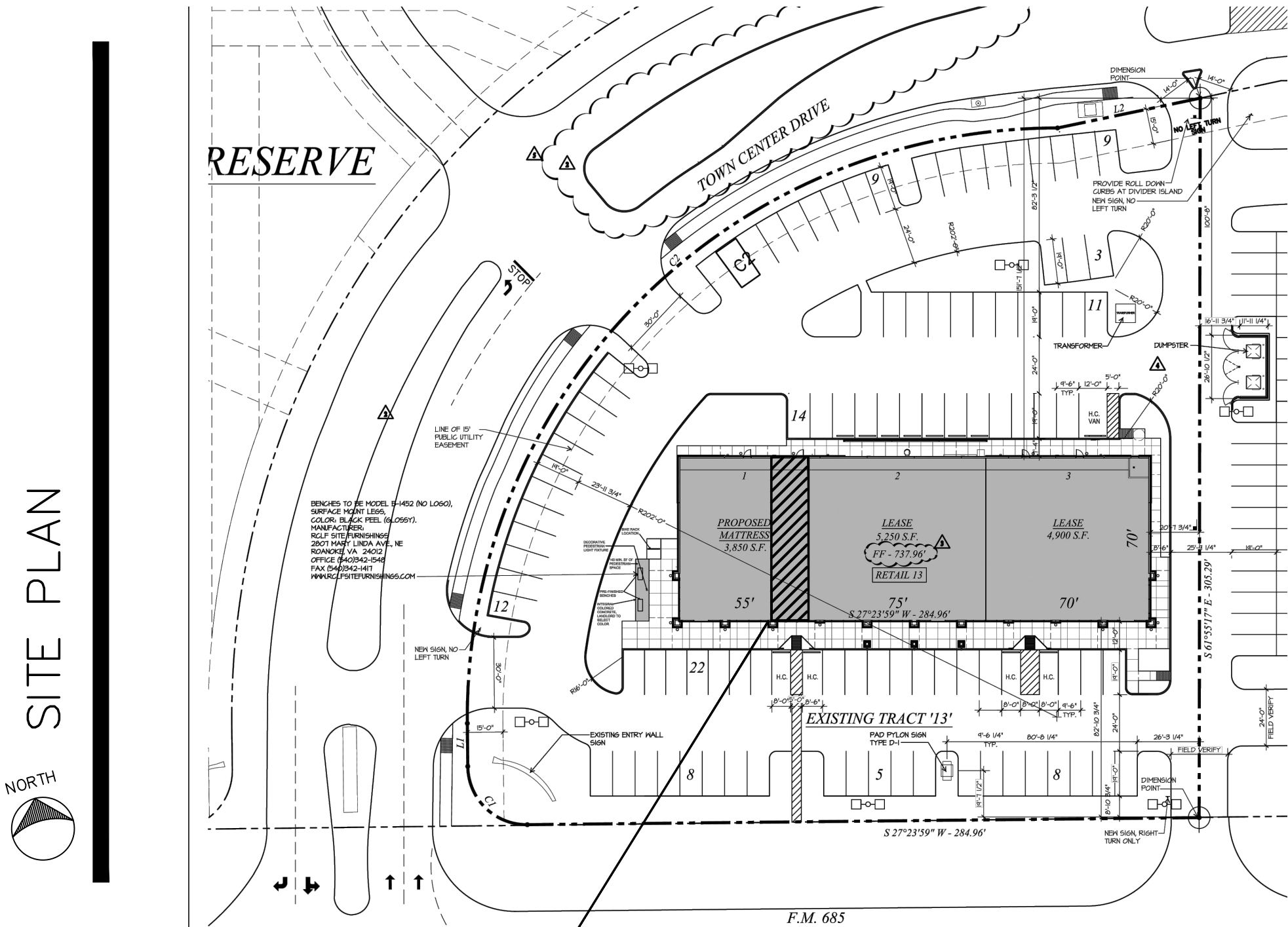


All drawings must be submitted to the Fire Marshal for review. Tenants must modify sprinkler heads to meet ceiling type and must connect to alarm panel.

CHOCOLATE BASH

STONE HILL TOWN CENTER
1608 TOWN CENTER BLVD. - SUITE 150
PFLUGERVILLE, TX 78660

Make sure to submit plans to your TAS inspector for ADA approval as well as the local MUD District.



PROJECT LOCATION

GENERAL:

- A0.0 COVER SHEET
- A0.1 ACCESSIBILITY STANDARDS
- A0.2 ACCESSIBILITY STANDARDS

ARCHITECTURAL:

- AD1.0 DEMO PLAN
- A1.0 FLOOR PLAN
- A1.1 EQUIPMENT PLAN
- A1.2 REFLECTED CEILING PLAN
- A1.3 FINISH FLOOR PLAN, WALL TYPES & DOOR TYPES
- A1.4 ENLARGED PLANS, RR ELEVATION & SCHEDULES
- A1.5 INTERIOR ELEVATIONS
- A1.5A INTERIOR ELEVATIONS
- A1.6 CABINETRY & MISC. DETAILS
- A1.7 ROOF PLAN

MECHANICAL:

- M101 MECHANICAL SYMBOLS, LEGEND & NOTES
- M201 MECHANICAL FLOOR & ROOF PLAN
- M301 MECHANICAL DETAILS
- M401 MECHANICAL SCHEDULES SHEET

ELECTRICAL:

- E101 ELECTRICAL ABBREVIATIONS, LEGEND & NOTES
- E201 ELECTRICAL LIGHTING & POWER FLOOR PLAN
- E301 ELECTRICAL RISER DIAGRAM & PANEL SCHEDULE

PLUMBING:

- P101 PLUMBING ABBREVIATIONS, LEGEND & SCHEDULE
- P201 PLUMBING FLOOR PLAN
- P301 PLUMBING RISER DIAGRAM
- P101 PLUMBING DETAILS

GENERAL & LANDLORD NOTES:

- ALL WORK TO BE PERFORMED ACCORDING TO APPLICABLE CODES AND ORDINANCES, IN THE BEST MANNER OF THE TRADE, PER MANUFACTURER'S PUBLISHED SPECIFICATIONS.
- THE A.I.A. GENERAL CONDITIONS, LATEST EDITION IS PART OF THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL VISIT THE SITE AND INFORM HIMSELF AND THE SUB-CONTRACTOR REGARDING THE FACILITIES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR WORK OF MATERIAL OMITTED FROM THE CONTRACT PROPOSAL DUE TO THE CONTRACTOR'S FAILURE TO SO INFORM HIMSELF BY SUCH INVESTIGATION. ADVISE THE ARCHITECT OF DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN OR NOTED ON THESE DOCUMENTS.
- THE CONTRACTOR AND SUB-CONTRACTOR SHALL PAY FOR ALL PERMITS AND RELATED REQUIRED CHARGES.
- DO NOT SCALE DRAWINGS.
- ALL CONSTRUCTION TO BE WARRANTED FOR ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION UNLESS SPECIFIED OTHER- WISE. DEFECTS RESULTING FROM FAULTY MATERIALS AND/OR WORKMANSHIP DURING THE GUARANTEE PERIOD SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- IF ANY EXISTING ITEMS ARE DAMAGED AS A RESULT OF WORK IN THE CONTRACT, THEY MUST BE REPAIRED, AS A MINIMUM STANDARD, TO THEIR CONDITION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, OR TO THEIR CONDITION SCHEDULED IN THE CONSTRUCTION DOCUMENTS.
- DURING THE TERM OF THE CONTRACT, THE CONTRACTOR AND EACH SUB-CONTRACTOR SHALL, AT HIS OWN EXPENSE, PURCHASE AND MAINTAIN INSURANCE IN COMPANIES PROPERLY LICENSED AND SATISFACTORY TO THE OWNER.
- THE CONTRACTOR'S BID PROPOSAL SHALL BE ACCOMPANIED BY A CERTIFICATE OF INSURANCE INDICATING THE TYPE OF INSURANCE, POLICY EFFECTIVE AND EXPIRATION DATES, AND LIABILITY LIMITS THE CONTRACTOR CARRIES. IF THE OWNER REQUESTS ANY MODIFICATIONS TO THE INSURANCE COVERAGE INDICATED ON THE CERTIFICATE OF INSURANCE, RESULTING IN AN INCREASE IN PREMIUMS, THAT INCREASE WILL BE ADDED TO THE CONTRACT SUM. IF THE OWNER REQUESTS THE CONTRACTOR TO FURNISH A BOND, LIKEWISE, THE COST OF THAT BOND WILL BE ADDED TO THE CONTRACT SUM.
- WHERE CONSTRUCTION REQUIRES REMOVAL OF CONCRETE SLAB, REPLACE IT AND ITS EARTHWORK TO MATCH EXISTING. SAWCUT. NO JACK HAMMERS ALLOWED.
- COMPLETED SPACE SHALL BE BROOM CLEAN.
- GROUT ALL RECESSES LEVEL WITH FLOOR SLAB. FILL ALL CRACKS WITH EPOXY AND ENSURE SMOOTH AND LEVEL SLAB THROUGHOUT LEASE SPACE.
- REPAIR ALL ROOF LEAKS AND WATER PENETRATIONS
- ALL ROOF PENETRATIONS SHALL BE DONE WITH LANDLORDS ROOFER
- TRIM EXPOSED BOLTS AND CONDUIT LEVEL WITH FLOOR SLAB
- ANY SAW CUTS MUST BE FILLED BACK WITH SAME TYPE/THICKNESS OF CONCRETE WITH BACKFILL THAT IS REQUIRED PER THE CITY
- EXISTING SPRINKLER FIRE SYSTEM & FIRE ALARM SHALL BE RESUBMITTED AS A DIFFERED SUBMITTAL
- ALL DRAWINGS MUST BE SUBMITTED TO THE FIRE MARSHAL FOR REVIEW.
- TENANTS MUST MODIFY SPRINKLER HEADS TO MEET CEILING TYPE AND MUST CONNECT TO ALARM PANEL.
- PROVIDE WIRELESS CELLULAR SUB-METER FOR THE WATER

GENERAL FIRE CODE NOTES

- ANY PENETRATIONS OF ANY FIRE-RATED ASSEMBLY SHALL BE SEALED USING APPROVED METHODS AND MATERIALS. DETAILS ON A3.1
- ALL FIRE-RATED ASSEMBLIES SHALL BE PERMANENTLY AND EFFECTIVELY MARKED USING SIGNS OR STENCILS IN THE CONCEALED SPACE (2024 IBC SEC. 703.5)
- THE KITCHEN HOOD EXTINGUISHING SYSTEM IS A DEFERRED SUBMITTAL, AND PLANS SHALL BE SUBMITTED TO AND APPROVED BY THE FIRE MARSHAL BEFORE THIS SYSTEM IS INSTALLED.
- DUE TO THE IN-SITE BULK STORAGE OF CO2, AN NFPA 704 PLACARD WILL BE REQUIRED TO BE POSTED ON ALL EXIT DOORS. (2024 IFC SEC. 5503.4)
- DUE TO THE ON-SITE BULK STORAGE OF CO2, A CO2 MONITORING AND ALARM SYSTEM SHALL BE PROVIDED (2024 IFC SEC. 5307)
- ALL MECHANICAL, ELECTRICAL, AND FIRE SPRINKLER RISER ROOMS SHALL BE LABELED (2024 SEC. 509/603.4.1/901.4.7.2)

PROJECT DESCRIPTION

INTERIOR BUILD FOR A CHOCOLATE AND DESSERT RESTAURANT. SCOPE OF WORK CONSISTS OF NEW METAL STUD WALLS, PLUMBING, MECHANICAL , ELECTRICAL AND NEW FINISHES.

TDLR: XXX

APPLICABLE CODES:

- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL PLUMBING CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2020 NATIONAL ELECTRIC CODE
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE
- 2021 INTERNATIONAL FIRE CODE W/AMENDMENTS

PROPOSED OCCUPANCY: A-2 (RESTAURANT)

TYPE OF CONSTRUCTION: II-B FULLY SPRINKLERED

ALLOWABLE AREA: 38,000 S.F.

ACTUAL AREA OF BUILT-OUT": 1,406 S.F.

ALLOWABLE HEIGHT: 75'-0" FT. FULLY SPRINKLERED

ACTUAL HEIGHT: 33'-0" FT.

OCCUPANCY : A-2 (RESTAURANT)

EGRESS INFORMATION FOR BUILD-OUT:

OCCUPANCY CLASSIFICATION	SPECIFIC USE	SQUARE FOOTAGE	SF PER OCCUPANT	DESIGN OCCUPANTS
A-2	DINING (TABLE & CHAIRS)	630	15	42
A-2	KITCHEN	407	200	3
S	STORAGE	148	300	1
B	HALLWAY			
	MEN'S RR			
	WOMEN'S RR	221	150	2

OCCUPANCY LOAD 48 TOTAL OCCUPANT PER TABLE 1004.5

TOTAL MINIMUM EXIT WIDTH 7.20 INCHES (48 OCCUPANTS x 0.15 = 7.2" PER SECTION 1005)

TOTAL PROVIDED EXIT WIDTH 36 INCHES

TOTAL NUMBER OF EXITS REQUIRED 1

TOTAL NUMBER OF EXITS PROVIDED 1

MAXIMUM TRAVEL DISTANCE ALLOWED 250 FEET ALLOWED PER TABLE 1017.2

TRAVEL DISTANCE PROVIDED 66'-11" PROVIDED

RESTROOM FIXTURE COUNT:

PROPOSED BUILT-OUT:

TOTAL OCCUPANCY: 48 OCCUPANTS
OCCUPANCY TYPE: ASSEMBLY A-2
RESTROOM REQUIREMENTS

REQUIRED FIXTURES 24M-24W				
W/C MEN	W/C WOMEN	LAV	D.F	M. SINK REQ.
1/75	1/75	1/200	1/500	
1	1	1	1	1
FIXTURES PROVIDED				
W/C MEN	W/C WOMEN	LAV	D.F	M. SINK
1	1	1	N/A	1

DRINKING FOUNTAIN NOT PROVIDED AS WATER IS AVAILABLE AT RESTAURANT

GENERAL HEALTH NOTES

- ALL FLOORS, WALLS, CEILINGS AND FIXTURES SHALL BE CONSTRUCTED FROM MATERIALS THAT ARE SMOOTH, DURABLE, EASILY CLEANABLE AND NON-ABSORBENT. A. FLOORS: SEAL CONCRETE OR SEAL GROUT OF TILE FLOORS OR PROVIDE AN APPROVED FLOOR COVERING. B. CEILINGS OVER OPEN FOOD, ICE (INCLUDES BARS), WARE WASHING AREAS AND RESTROOMS MUST MEET CONSTRUCTION CRITERIA. NO OPEN RAFTERS, TRUSSES GRID WORK, DUCT WORK, UTILITY LINES OR PIPES. NO OPEN TO STRUCTURE. C. PROVIDE A FINAL FINISH THAT IS LIGHT IN COLOR TO ALL WALLS AND CEILINGS IN FOOD PREPARATION AREAS (INCLUDING BARS), EQUIPMENT AND UTENSIL WASHING AREAS, WALK IN REFRIGERATED UNITS, TOILET ROOMS AND VESTIBULES. D. PROVIDE BASEBOARDS OR COVING TO ALL NON-MASONRY FLOOR/WALL JUNCTURES. E. LIGHT BULBS MUST BE SHIELDED.
- ALL REFRIGERATION MUST BE CAPABLE OF MAINTAINING TIME/TEMPERATURE CONTROL FOR SAFETY (TCS) FOODS AT OR BELOW 41 F.
- DRAIN BOARDS MUST BE PROVIDED ON EACH END OF THE WARE WASHING SINK.
- DRAIN LINES FROM CULINARY SINKS, ICE MACHINES, ICE STORAGE BINS AND WARE WASHING SINKS MUST BE PROVIDED WITH AT LEAST A ONE INCH AIR GAP, AND BE DRAINED TO AN APPROVED WASTEWATER DISPOSAL SYSTEM.
- DOORS OPENING TO THE EXTERIOR OF THE FACILITY MUST BE SELF-CLOSING AND TIGHT FITTING. LARGE OUTER OPENINGS OR ROLL-UP DOORS SHALL BE PROVIDED WITH AN EFFECTIVE AIR CURTAIN. B. OPERABLE WINDOWS MUST BE SCREENED WITH 1/16 MESH. DRIVE-THRU OR SERVICE WINDOWS SHALL BE SELF-CLOSING OR PROVIDED WITH AN AIR CURTAIN.
- TRASH RECEPTACLES, DUMPSTER, AND GREASE DISPOSAL/RECYCLING CONTAINERS MUST BE PLACED ON A MACHINE LAID ASPHALT OR CONCRETE PAD. PROTECTION OF THE POTABLE WATER SUPPLY IS REQUIRED AS PER THE 2022 FDA FOOD CODE. APPROPRIATE BACK-FLOW PREVENTION DEVICE OR AN AIR GAP SHALL BE PROVIDED AT EACH POINT OF USE AT THE FOOD ESTABLISHMENT.
- RESTROOMS REQUIRE FORCED AIR VENTILATION TO THE OUTSIDE, SOLID SELF-CLOSING DOORS AND HOT (100 F MIN) AND COLD POTABLE WATER DELIVERED UNDER PRESSURE THROUGH A MIXING VALVE DRAINED TO THE SEWER TO HAND WASHING LAVATORIES.
- PROVIDE HAND WASHING SINKS WITH 12 INCH TALL SPLASH SHIELDS IN ALL FOOD PREP, BAR/DRINK PREP, WARE WASHING AREAS, ETC.
- PROVIDE APPROPRIATE BACK FLOW PREVENTION DEVICE FOR THE HAZARD TO WATER SUPPLY FOR ALL EQUIPMENT AT EACH POINT OF USE.
- LOCKERS OR OTHER SUITABLE FACILITIES SHALL BE USED FOR THE ORDERLY STORAGE OF EMPLOYEE CLOTHING AND OTHER POSSESSIONS.

Date issued/revised

26 JUNE 2026 - FOR REVIEW
24 JULY 2026 - FOR REVIEW

OSBORN & VANE ARCHITECTS, INC.

www.ovarc.com

2000 Bering Drive, Suite 210
Houston, Texas 77057
713 781 5262
Fax 713 781 5347

Members American Institute of Architects

STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER BLVD. - SUITE 150
PFLUGERVILLE, TX 78660

Project No. 26051
Drawn JD
Checked BS

COVER SHEET

Sheet No.

A0.0

302 FLOOR OR GROUND SURFACES

302.1 General. Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.

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

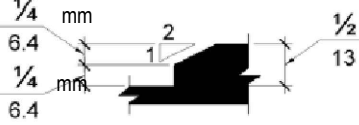
302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

303 CHANGES IN LEVEL

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

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

Figure 303.3 Beveled Change in Level



304 TURNING SPACE

304.2 Floor or Ground Surfaces. Floor or ground surfaces of a turning space shall comply with 302. Changes in level are not permitted.

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

304.3.1 Circular Space. The turning space shall be a space of 60 inches diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

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

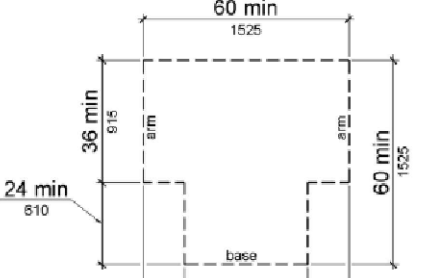


Figure 304.3.2 T-Shaped Turning Space

304.4 Door Swing. Doors shall be permitted to swing into turning spaces.

305 CLEAR FLOOR OR GROUND SPACE

305.2 Floor or Ground Surfaces. Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted.

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

305.3 Size. The clear floor or ground space shall be 30 inches minimum by 48 inches minimum.

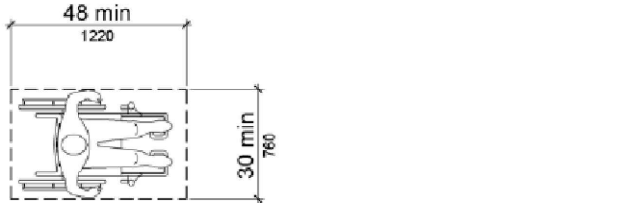


Figure 305.3 Clear Floor or Ground Space

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

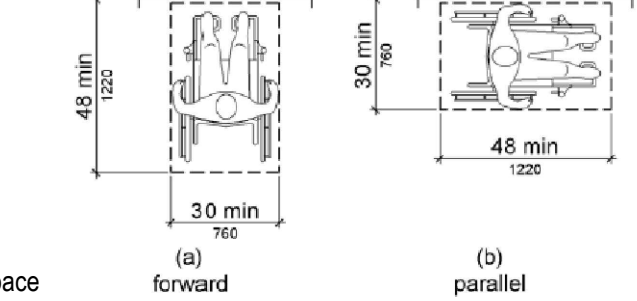


Figure 305.5 Position of Clear Floor or Ground Space

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

306 KNEE AND TOE CLEARANCE

306.1 General. Where space beneath an element is included as part of clear floor or ground space or turning space, the space shall comply with 306. Additional space that 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.

306.2.1 General. Space under an element between the finish floor or ground and 9 inches above the finish floor or ground shall be considered toe clearance and shall comply with 306.2.

306.2.2 Maximum Depth. Toe clearance shall extend 25 inches maximum under an element.

306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum under the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches wide minimum.

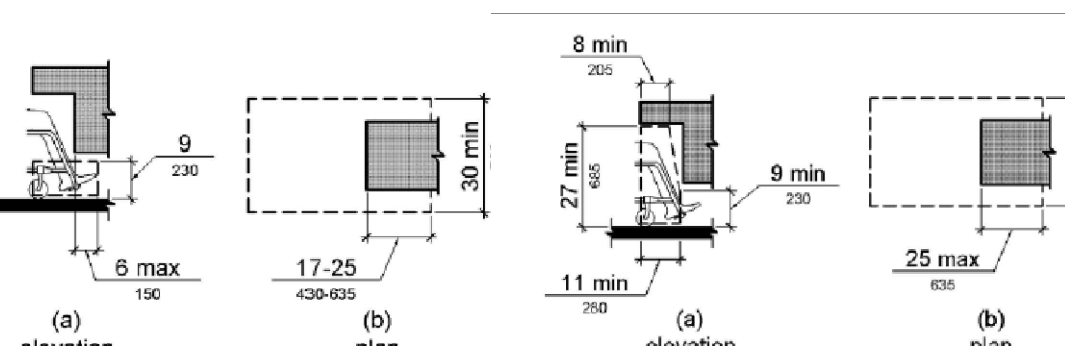


Figure 306.2 Toe Clearance

Figure 306.3 Knee Clearance

306.3 Knee Clearance.

306.3.1 General. Space under an element between 9 inches and 27 inches above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

306.3.2 Maximum Depth. Knee clearance shall extend 25 inches maximum under an element at 9 inches above the finish floor or ground.

306.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height.

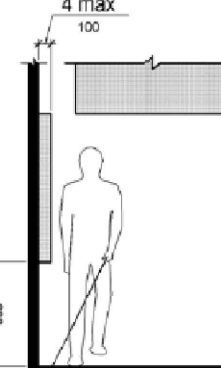
306.3.5 Width. Knee clearance shall be 30 inches wide minimum.

307 PROTRUDING OBJECTS

307.2 Protrusion Limits. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches maximum.

Figure 307.2 Limits of Protruding Objects



307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches maximum when located 27 inches minimum and 80 inches maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches, the lowest edge of such sign or obstruction shall be 27 inches maximum or 80 inches minimum above the finish floor or ground.

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

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

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

307.5 Required Clear Width. Protruding objects shall not reduce the clear width required for accessible routes.

308 REACH RANGES

Advisory 308.1 General. The following table provides guidance on reach ranges for children according to age where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children. These dimensions apply to either forward or side reaches. Accessible elements and operable parts designed for adult use or children over age 12 can be located outside these ranges but must be within the adult reach ranges required by 308.

Children's Reach Ranges			
Forward or Side Reach	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12
High (maximum)	36 in	40 in	44 in
Low (minimum)	20 in	18 in	16 in

308.2 Forward Reach

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

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches maximum where the reach depth is 20 inches maximum. Where the reach depth exceeds 20 inches, the high forward reach shall be 44 inches maximum and the reach depth shall be 25 inches maximum.

308.3 Side Reach

308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground.

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

308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches maximum and the depth of the obstruction shall be 24 inches maximum. The high side reach shall be 48 inches maximum for a reach depth of 10 inches maximum. Where the reach depth exceeds 10 inches, the high side reach shall be 46 inches maximum for a reach depth of 24 inches maximum.

EXCEPTIONS:

1. The top of washing machines and clothes dryers shall be permitted to be 36 inches maximum above the finish floor.

EXCEPTIONS: 309 OPERABLE PARTS

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.

309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.

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

403 WALKING SURFACES

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

403.4 Changes in Level. Changes in level shall comply with 303.

404 DOORS, DOORWAYS, AND GATES

404.2.2 Double-Leaf Doors and Gates. At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.

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

EXCEPTIONS:

1. In alterations, a projection of 5/8 inch maximum into the required clear width shall be permitted for the latch side stop.
2. Door closers and door stops shall be permitted to be 78 inches minimum above the finish floor or ground.

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

404.2.4.1 Swinging Doors and Gates. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.

Table 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates

Type of Use	Minimum Maneuvering Clearance		
Approach Direction	Door or Gate Side	Perpendicular to Doorway	Parallel to Doorway (beyond latch side unless noted)
From front	Pull	60 inches	18 inches
From front	Push	48 inches	0 inches ¹
From hinge side	Pull	60 inches	36 inches
From hinge side	Push	54 inches	42 inches
From hinge side	Push	42 inches ²	22 inches ³
From latch side	Pull	48 inches (4)	24 inches
From latch side	Push	42 inches (4)	24 inches

1. Add 12 inches if closer and latch are provided.
2. Add 6 inches if closer and latch are provided.
3. Bypass hinge side.
4. Add 6 inches if closer is provided.

404.2.5 Thresholds. Thresholds, if provided at doorways, shall be 1/2 inch high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.

EXCEPTION: Existing or altered thresholds 3/4 inch high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply with 404.2.5.

404.2.7 Door and Gate Hardware. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

EXCEPTIONS:

1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail.
2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54 inches maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.

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.

404.2.8.2 Spring Hinges. Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

404.2.9 Door and Gate Opening Force. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

1. Interior hinged doors and gates: 5 pounds maximum.
2. 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 or gate in a closed position.

405 RAMPS

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

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

405.5 Clear Width. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches minimum.

405.6 Rise. The rise for any ramp run shall be 30 inches maximum.

405.7 Landings. Ramps shall have landings at the top and the bottom of each ramp run.

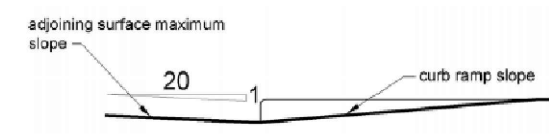
405.8 Handrails. Ramp runs with a rise greater than 6 inches shall have handrails complying with 505.

405.9 Edge Protection. Edge protection shall be provided on each side of ramp runs and at each side of ramp landings.

406 CURB RAMPS

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

Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps



502 PARKING SPACES

502.2 Vehicle Spaces. Car parking spaces shall be 96 inches wide minimum and van parking spaces shall be 132 inches wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.

EXCEPTION: Van parking spaces shall be permitted to be 96 inches wide minimum where the access aisle is 96 inches wide minimum.

502.3.1 Width. Access aisles serving car and van parking spaces shall be 60 inches wide minimum.

502.3.2 Length. Access aisles shall extend the full length of the parking spaces they serve.

502.4 Floor or Ground Surfaces. Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.

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

502.5 Vertical Clearance. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches minimum.

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

503 PASSENGER LOADING ZONES

503.2 Vehicle Pull-Up Space. Passenger loading zones shall provide a vehicular pull-up space 96 inches wide minimum and 20 feet long minimum.

503.3.1 Width. Access aisles serving vehicle pull-up spaces shall be 60 inches wide minimum.

503.3.2 Length. Access aisles shall extend the full length of the vehicle pull-up spaces they serve

503.3.3 Marking. Access aisles shall be marked so as to discourage parking in them.

503.4 Floor and Ground Surfaces. Vehicle pull-up spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted.

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

505.3 Vertical Clearance. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide a vertical clearance of 114 inches minimum.

505 HANDRAILS

505.1 General. Handrails provided along walking surfaces complying with 403, required at ramps complying with 405, and required at stairs complying with 504 shall comply.

505.2 Where Required. Handrails shall be provided on both sides of stairs and ramps.

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

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

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

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

Advisory 505.4 Height. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.

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



Figure 505.5 Handrail Clearance

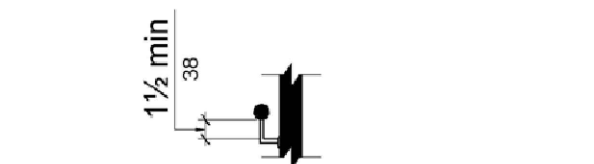


Figure 505.6 Horizontal Projections Below Gripping Surface

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

EXCEPTIONS:

1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.
2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8 inch for each 1/2 inch of additional handrail perimeter dimension that exceeds 4 inches.

505.7.1 Circular Cross Section. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches minimum and 2 inches maximum.

505.7.2 Non-Circular Cross Sections. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6 1/4 inches maximum, and a cross-section dimension of 2 1/4 inches maximum.

505.8 Surfaces. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges.

505.9 Fittings. Handrails shall not rotate within their fittings.

505.10 Handrail Extensions. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs in accordance with 505.10.

EXCEPTIONS:

1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps.
2. In assembly areas, extensions shall not be required for ramp handrails in aisles serving seating where the handrails are discontinuous to provide access to seating and to permit crossovers within aisles.
3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.

505.10.1 Top and Bottom Extension at Ramps. Ramp handrails shall extend horizontally above the landing for 12 inches 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 stair flight.

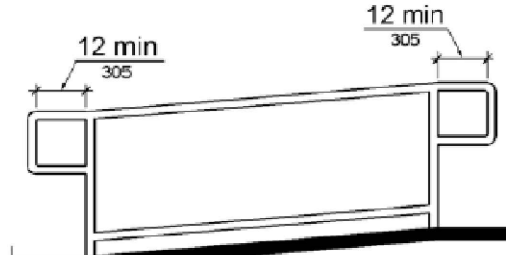


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 Top Extension at Stairs. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches 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.

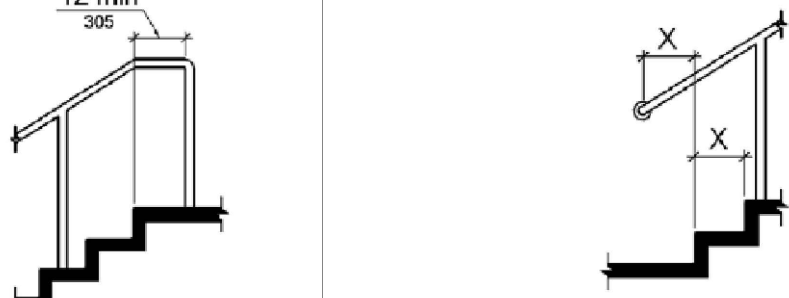


Figure 505.10.2 Top Handrail Extension at Stairs

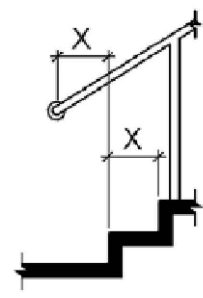


Figure 505.10.3 Bottom Handrail Extension at Stairs

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

602 DRINKING FOUNTAINS

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

EXCEPTION: A parallel approach complying with 305 shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3 1/2 inches maximum from the front edge of the unit, including bumpers.

602.3 Operable Parts. Operable parts shall comply with 309.

602.4 Spout Height. Spout outlets shall be 36 inches maximum above the finish floor or ground.

602.5 Spout Location. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers.

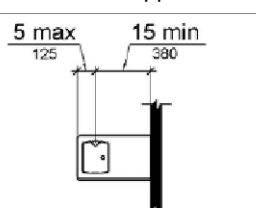


Figure 602.5 Drinking Fountain Spout Location

602.7 Drinking Fountains for Standing Persons. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

603 TOILET AND BATHING ROOMS

603.2 Clearances. Clearances shall comply with 603.2.

603.2.1 Turning Space. Turning space complying with 304 shall be provided within the room.

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

603

604.8 Toilet Compartments. Wheelchair accessible toilet compartments shall meet the requirements of 604.8.1 and 604.8.3. Compartments containing more than one plumbing fixture shall comply with 603.

604.8.1 Wheelchair Accessible Compartments. Wheelchair accessible compartments shall comply with 604.8.1.

604.8.1.1 Size. Wheelchair accessible compartments shall be 60 inches wide minimum measured perpendicular to the side wall, and 56 inches deep minimum for wall hung water closets and 59 inches deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches wide minimum measured perpendicular to the side wall, and 59 inches deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Advisory 604.8.1.1 Size. The minimum space required in toilet compartments is provided so that a person using a wheelchair can maneuver into position at the water closet. This space cannot be obstructed by baby changing tables or other fixtures or conveniences, except as specified at 604.3.2 (Overlap). If toilet compartments are to be used to house fixtures other than those associated with the water closet, they must be designed to exceed the minimum space requirements. Convenience fixtures such as baby changing tables must also be accessible to people with disabilities as well as to other users. Toilet compartments that are designed to meet, and not exceed, the minimum space requirements may not provide adequate space for maneuvering into position at a baby changing table.

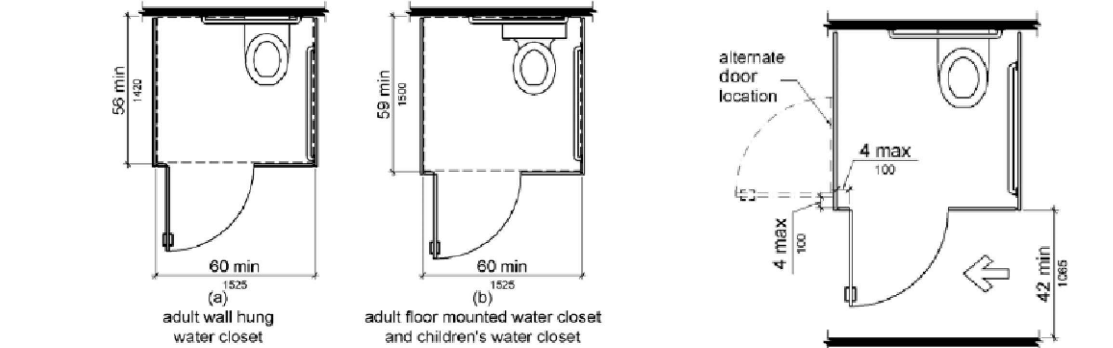


Figure 604.8.1.1 Size of Wheelchair Accessible Toilet Compartment

604.8.1.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

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

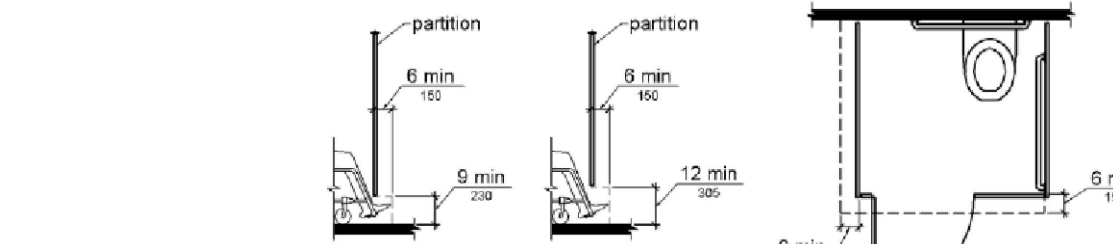


Figure 604.8.1.4 Wheelchair Accessible Toilet Compartment Toe Clearance

604.8.1.5 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided and shall be located on the wall closest to the water closet. In addition, a rear-wall grab bar complying with 604.5.2 shall be provided.

604.8.2 Ambulatory Accessible Compartments. Ambulatory accessible compartments shall comply with 604.8.2. 604.8.2.1 Size. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum. 604.8.2.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

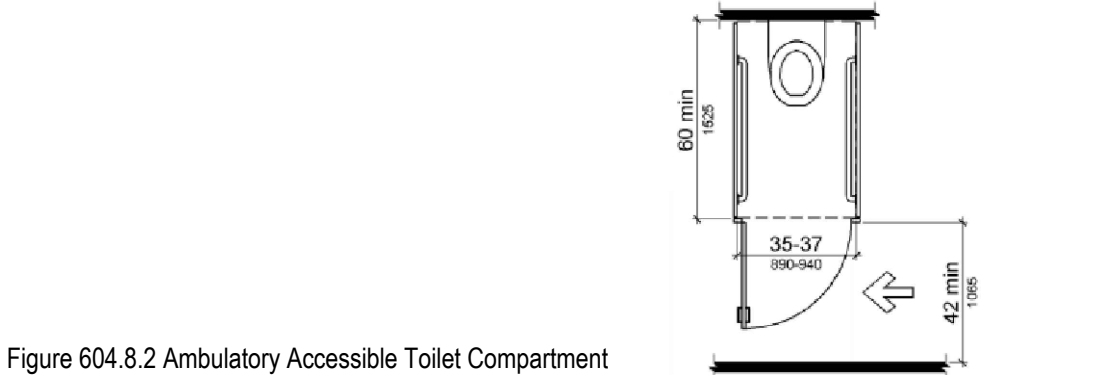


Figure 604.8.2 Ambulatory Accessible Toilet Compartment

604.8.2.3 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided on both sides of the compartment.

604.8.3 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches minimum and 48 inches maximum above the finish floor.

Figure 604.8.2 Ambulatory Accessible Toilet Compartment

Advisory Specifications for Water Closets Serving Children Ages 3 through 12			
	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12
Water Closet Centerline	12 inches	12 to 15 inches	15 to 18 inches
Toilet Seat Height	11 to 12 inches	12 to 15 inches	15 to 17 inches
Grab Bar Height	18 to 20 inches	20 to 25 inches	25 to 27 inches
Dispenser Height	14 inches	14 to 17 inches	17 to 19 inches

604.9.1 Location. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 12 inches minimum and 18 inches maximum from the side wall or partition, except that the water closet shall be 17 inches minimum and 19 inches maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Compartments shall be arranged for left-hand or right-hand approach to the water closet. 604.9.2 Clearance. Clearance around a water closet shall comply with 604.3.

604.9.3 Height. The height of water closets shall be 11 inches minimum and 17 inches maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.9.4 Grab Bars. Grab bars for water closets shall comply with 604.5.

604.9.5 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.2 and 309.4 and shall be installed 36 inches maximum above the finish floor. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

604.9.6 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 14 inches minimum and 19 inches maximum above the finish floor. There shall be a clearance of 1 1/2 inches minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

605 URINALS

605.2 Height and Depth. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches maximum above the finish floor or ground. Urinals shall be 13 1/2 inches deep minimum measured from the outer face of the urinal rim to the back of the fixture.

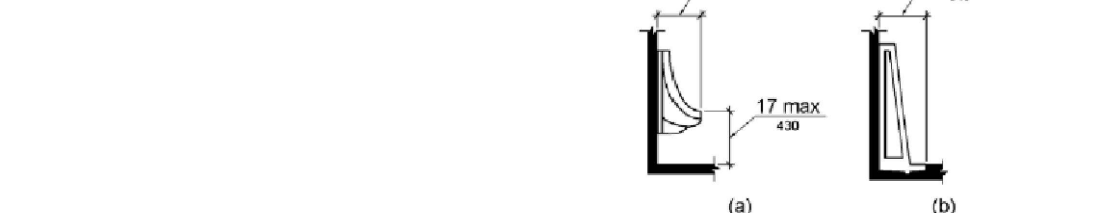


Figure 605.2 Height and Depth of Urinals

605.3 Clear Floor Space. A clear floor or ground space complying with 305 positioned for forward approach shall be provided.

605.4 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.

606 LAVATORIES AND SINKS

606.2 Clear Floor Space. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.

EXCEPTIONS: 1. A parallel approach complying with 305 shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided and to wet bars. 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance complying with 306. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met:

- (a) the cabinetry can be removed without removal or replacement of the fixture;
- (b) the finish floor extends under the cabinetry; and
- (c) the walls behind and surrounding the cabinetry are finished.

4. A knee clearance of 24 inches minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31 inches maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance complying with 306.

606.3 Height. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches maximum above the finish floor or ground.

606.4 Faucets. Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.

606.5 Exposed Pipes and Surfaces. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks

609 GRAB BARS

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

609.2.1 Circular Cross Section. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches minimum and 2 inches maximum.

609.2.2 Non-Circular Cross Section. Grab bars with non-circular cross sections shall have a cross-section dimension of 2 inches maximum and a perimeter dimension of 4 inches minimum and 4.8 inches maximum.

609.3 Spacing. The space between the wall and the grab bar shall be 1 1/2 inches. The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches minimum. The space between the grab bar and projecting objects above shall be 12 inches minimum.

EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1 1/2 inches minimum.

609.4 Position of Grab Bars. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches minimum and 27 inches maximum above the finish floor measured to the top of the gripping surface.

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

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

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

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

702 FIRE ALARM SYSTEMS

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

703 SIGNS

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

703.2 Raised Characters. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

Advisory 703.2 Raised Characters. Signs that are designed to be read by touch should not have sharp or abrasive edges.

703.2.1 Depth. Raised characters shall be 1/32 inch minimum above their background.

703.2.2 Case. Characters shall be uppercase.

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

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

703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch minimum and 2 inches maximum based on the height of the uppercase letter "I".

EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2 inch minimum.

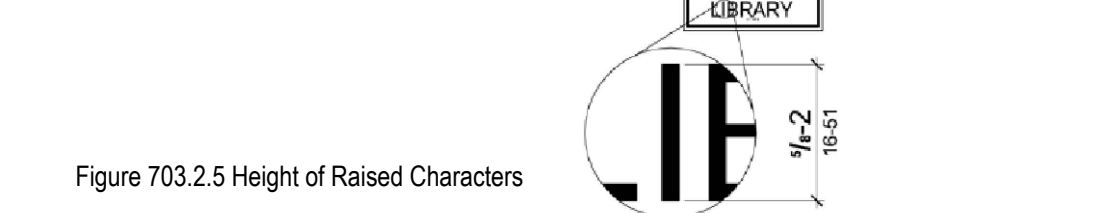


Figure 703.2.5 Height of Raised Characters

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

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch minimum.

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

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

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

Table 703.3.1 Braille Dimensions	
Measurement Range	Minimum in Inches Maximum in Inches
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the same cell ¹	0.090 (2.3 mm) to 0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells ¹	0.241 (6.1 mm) to 0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below ¹	0.395 (10 mm) to 0.400 (10.2 mm)

¹. Measured center to center.

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

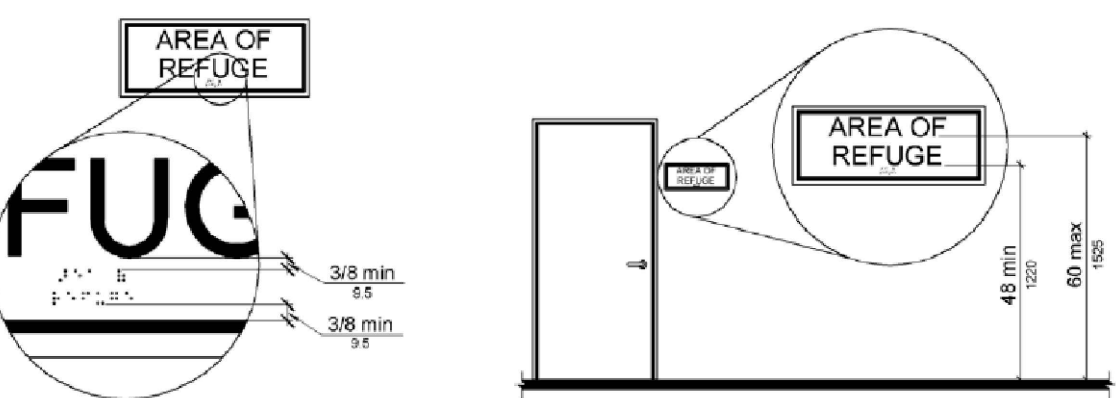


Figure 703.3.2 Position of Braille Floor or Ground

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

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

EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.



Figure 703.4.2 Location of Tactile Signs at Doors

703.6.1 Pictograms. Pictograms shall comply with 703.6.

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

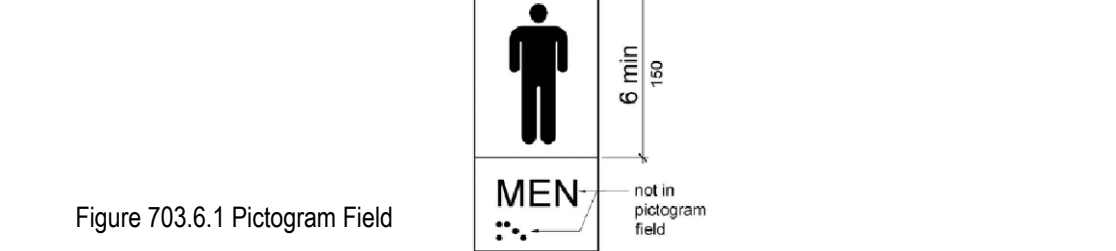


Figure 703.6.1 Pictogram Field

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

Advisory 703.6.2 Finish and Contrast. Signs are more legible for persons with low vision when characters contrast as much as possible with their background. Additional factors affecting the ease with which the text can be distinguished from its background include shadows cast by lighting sources, surface glare, and the uniformity of the text and background colors and textures.

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

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

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

703.7.2 Symbols. 703.7.2.1 International Symbol of Accessibility. The International Symbol of Accessibility shall comply with Figure 703.7.2.1.

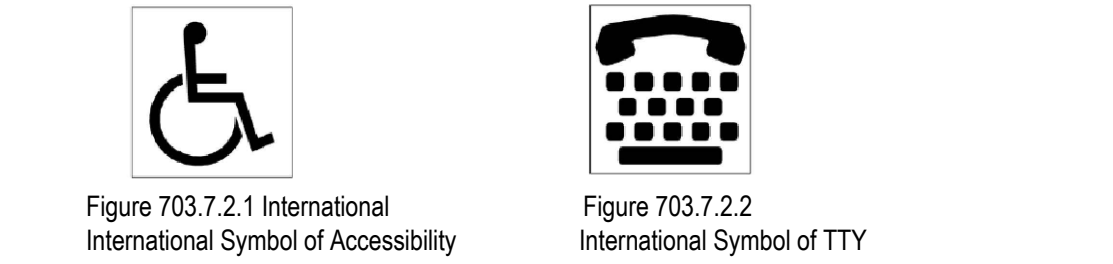


Figure 703.7.2.1 International Symbol of Accessibility

703.7.2.2 International Symbol of TTY. The International Symbol of TTY shall comply with Figure 703.7.2.2. Figure 703.7.2.2 International Symbol of TTY

703.7.2.3 Volume Control Telephones. Telephones with a volume control shall be identified by a pictogram of a telephone handset with radiating sound waves on a square field such as shown in Figure 703.7.2.3.

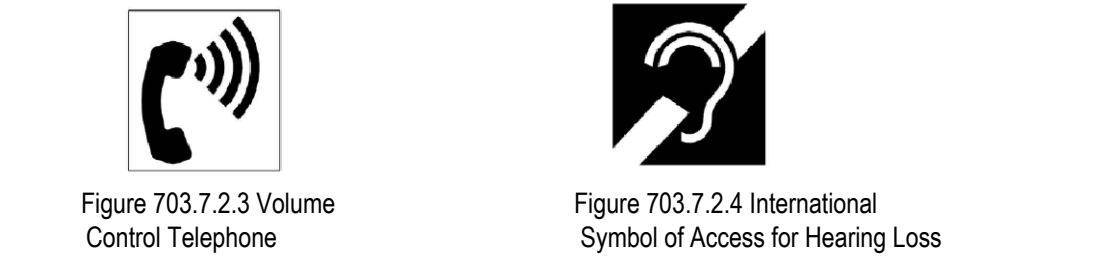


Figure 703.7.2.3 Volume Control Telephone

703.7.2.4 Assistive Listening Systems. Assistive listening systems shall be identified by the International Symbol of Access for Hearing Loss complying with Figure 703.7.2.4.

704 TELEPHONES

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

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

Advisory 704.2.1 Clear Floor or Ground Space. Because clear floor and ground space is required to be unobstructed, telephones, enclosures and related telephone book storage cannot encroach on the required clear floor or ground space and must comply with the provisions for protruding objects. (See Section 307).

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

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

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

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

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

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

803 DRESSING, FITTING, AND LOCKER ROOMS

803.1 General. Dressing, fitting, and locker rooms shall comply with 803.

803.2 Turning Space. Turning space complying with 304 shall be provided within the room.

803.3 Door Swing. Doors shall not swing into the room unless a clear floor or ground space complying with 305.3 is provided beyond the arc of the door swing.

803.4 Benches. A bench complying with 903 shall be provided within the room.

803.5 Coat Hooks and Shelves. Coat hooks provided within the room shall be located within one of the reach ranges specified in 308. Shelves shall be 40 inches minimum and 48 inches maximum above the finish floor or ground.

811 STORAGE

811.1 General. Storage shall comply with 811.

811.2 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided.

811.3 Height. Storage elements shall comply with at least one of the reach ranges specified in 308.

811.4 Operable Parts. Operable parts shall comply with 309.

902 DINING SURFACES AND WORK SURFACES

902.1 General. Dining surfaces and work surfaces shall comply with 902.2 and 902.3.

EXCEPTION: Dining surfaces and work surfaces for children's use shall be permitted to comply with 902.4.

Advisory 902.1 General. Dining surfaces include, but are not limited to, bars, tables, lunch counters, and booths. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and where covered by the ABA scoping provisions, employee work stations.

902.2 Clear Floor or Ground Space. A clear floor space complying with 305 positioned for a forward approach shall be provided. Knee and toe clearance complying with 306 shall be provided.

902.3 Height. The tops of dining surfaces and work surfaces shall be 28 inches minimum and 34 inches maximum above the finish floor or ground.

902.4 Dining Surfaces and Work Surfaces for Children's Use. Accessible dining surfaces and work surfaces for children's use shall comply with 902.4.

EXCEPTION: Dining surfaces and work surfaces that are used primarily by children 5 years and younger shall not be required to comply with 902.4 where a clear floor or ground space complying with 305 positioned for a parallel approach is provided.

902.4.1 Clear Floor or Ground Space. A clear floor space complying with 305 positioned for forward approach shall be provided. Knee and toe clearance complying with 306 shall be provided, except that knee clearance 24 inches minimum above the finish floor or ground shall be permitted.

902.4.2 Height. The tops of tables and counters shall be 26 inches minimum and 30 inches maximum above the finish floor or ground.

903 BENCHES

903.1 General. Benches shall comply with 903.

903.2 Clear Floor or Ground Space. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench.

903.3 Size. Benches shall have seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum.

903.4 Back Support. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches long minimum and shall extend from a point 2 inches maximum above the seat surface to a point 18 inches minimum above the seat surface. Back support shall be 2 1/2 inches maximum from the rear edge of the seat measured horizontally.

903.5 Height. The top of the bench seat surface shall be 17 inches minimum and 19 inches maximum above the finish floor or ground.

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

903.7 Wet Locations. Where installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.

904 CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS

904.1 General. Check-out aisles and sales and service counters shall comply with the applicable requirements of 904.

904.2 Approach. All portions of counters required to comply with 904 shall be located adjacent to a walking surface complying with 403.

904.3 Check-Out Aisles. Check-out aisles shall comply with 904.3.

904.3.1 Aisle. Aisles shall comply with 403.

904.3.2 Counter. The counter surface height shall be 38 inches maximum above the finish floor or ground. The top of the counter edge protection shall be 2 inches maximum above the top of the counter surface on the aisle side of the check-out counter.

904.3.3 Check Writing Surfaces. Where provided, check writing surfaces shall comply with 902.3.

904.4 Sales and Service Counters. Sales counters and service counters shall comply with 904.4.1 or 904.4.2. The accessible portion of the counter top shall extend the same depth as the sales or service counter top.

EXCEPTION: In alterations, when the provision of a counter complying with 904.4 would result in a reduction of the number of existing counters at work stations or a reduction of the number of existing mail boxes, the counter shall be permitted to have a portion which is 24 inches long minimum complying with 904.4.1 provided that the required clear floor or ground space is centered on the accessible length of the counter.

904.4.1 Parallel Approach. A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch minimum length of counter.

EXCEPTION: Where the provided counter surface is less than 36 inches long, the entire counter surface shall be 36 inches high maximum above the finish floor.

904.4.2 Forward Approach. A portion of the counter surface that is 30 inches long minimum and 36 inches high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.

Date issued/revised

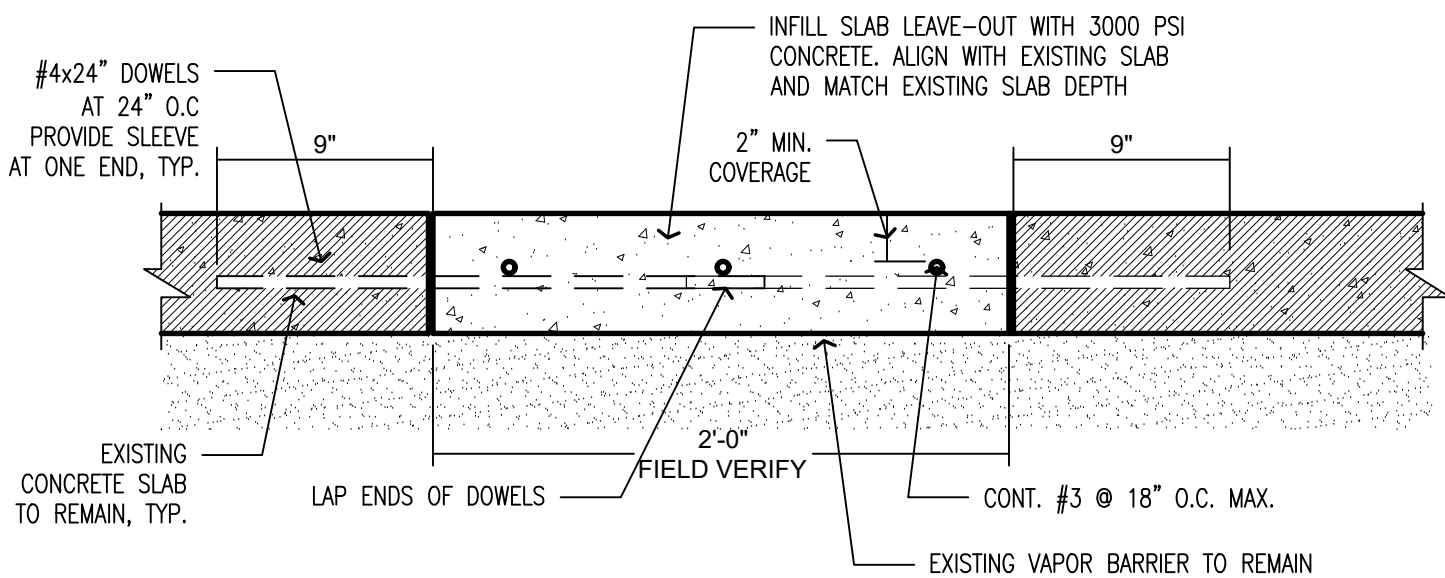
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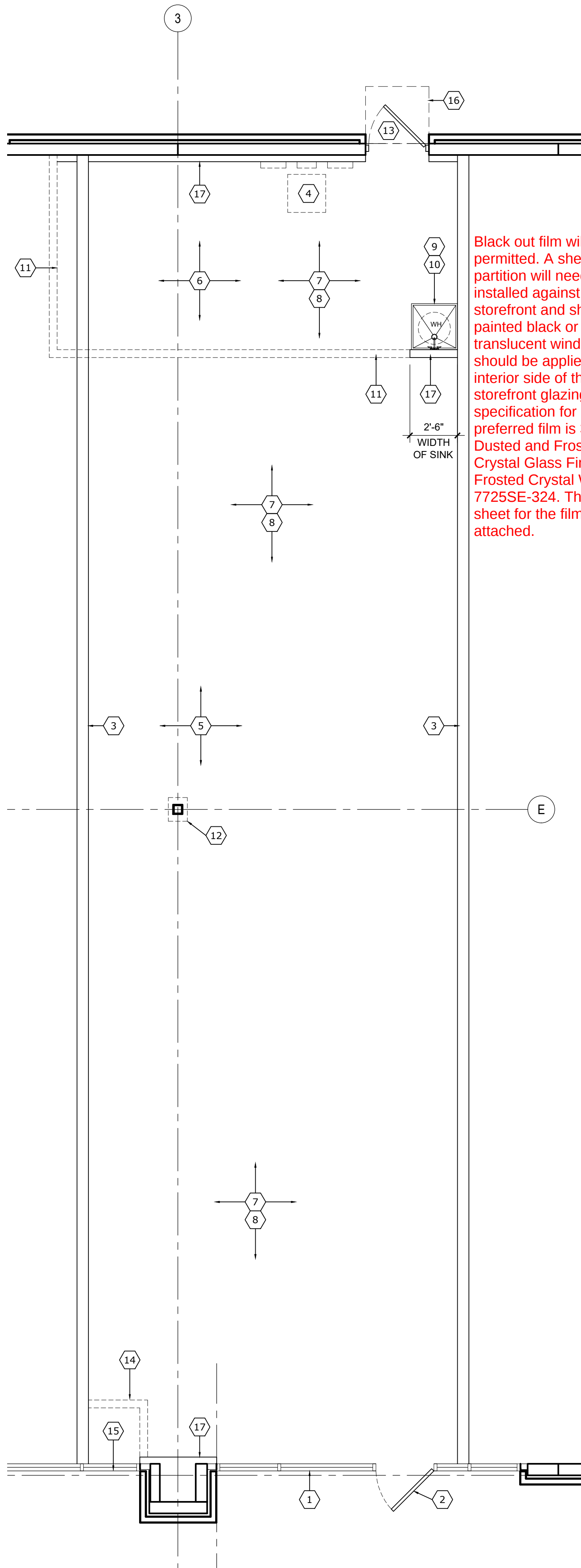
STONE HILL TOWN CENTER
CHOCOLATE BASH</

GENERAL NOTES (LANDLORD'S)

- ALL EXTERIOR INSTALLED ITEMS INCLUDING CONDUIT, METER CAN, GAS LINES, AND DISCONNECTS TO BE PAINTED TO MATCH THE BUILDING. GAS LINES ON ROOF TO BE PAINTED SAFETY YELLOW.
- MECHANICAL UNIT(S) SHOULD BE INSTALLED IN THE RTU STRUCTURAL LOADING ZONE.
- TENANT CONTRACTOR TO USE NEWQUEST PROPERTIES ROOFING CONTRACTOR, STOREFRONT CONTRACTOR, AND FIRE ALARM CONTRACTOR FOR CONNECTION TO BASE BUILDING FIRE ALARM PANEL AT TENANT'S CONTRACTOR COST.
- ROOF DRAIN AND GAS SUPPORTS TO HAVE ROOF MEMBRANE SLIP SHEETS UNDER SUPPORTS OR OTHER RUBBER ISOLATORS UNDER SUPPORT.
- ALL HVAC DRAINS ARE TO BE RUN TO THE NEAREST INTERNAL ROOF DRAIN. THEY ARE NOT TO BE RUN ON THE ROOF OR TO THE GUTTERS.
- DEMISING WALLS MUST BE CONSTRUCTED WITH 6" METAL STUDS AND COMPLETELY FIRE TAPED ABOVE THE ACT CEILING ALL THE WAY TO THE UNDERSIDE OF THE DECKING.
- LOUD/NOISY WORK TO BE DONE AFTER HOURS OR PRIOR TO ADJACENT OPERATING TENANTS ARE OPEN FOR BUSINESS.
- ENSURE FIRE SPRINKLER PLANS ARE DEVELOPED AND PERMITTED BY YOUR CONTRACTOR (DIFFERED SUBMITTAL)
- MECH - TENANT TO USE LANDLORD'S REQUIRED ROOFER FOR ALL ROOF PENETRATIONS. TENANT SHALL VERIFY EXACT LOCATION AND SUPPORT OF ROOFTOP MOUNTED EQUIPMENT WITHIN THE BUILDING'S MECHANICAL LOADING ZONE. IF THE TENANT'S EQUIPMENT WILL BE OUTSIDE OF THE MECHANICAL LOADING ZONE, THE TENANT'S STRUCTURAL ENGINEER SHALL DESIGN, AND TENANT SHALL DESIGN/INSTALL ALL ADDITIONAL STRUCTURAL SUPPORT REQUIRED. TENANT WILL PROVIDE THE ENGINEER WITH EXACT WEIGHTS AND LOCATIONS OF ALL EQUIPMENT FOR THE ENGINEER'S RECOMMENDATIONS, REVIEW, AND APPROVAL. ROUTE CONDENSATE DRAIN LINES THROUGH ROOF TO INTERNAL DRAIN LINE WITHIN TENANT'S SPACE. FRESH AIR INTAKES ARE TO
- BE A MINIMUM OF 15 FEET FROM ANY SANITARY SEWER VENT. INSTALL SLIP SHEETS UNDER ALL BLOCKING USED ON THE ROOF. HVAC - MUST LABEL RTU'S WITH SUITE NUMBER.
- ELECTRICAL - TRANSFORMERS SHALL BE LOCATED ABOVE THE CEILING AND WILL BE STRUCTURALLY SUPPORTED. THIS SUPPORT SYSTEM IS TO BE DESIGNED OR APPROVED BY A STRUCTURAL ENGINEER. TRANSFORMERS AND ELECTRICAL PANELS SHALL NOT BE INSTALLED OUTSIDE THE LEASE PREMISES/IN THE COMMON AREA. ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT OR MC CABLE. FLEXIBLE CONDUIT MAY BE USED AT INTERIOR JUNCTION BOXES FOR CLOSE EQUIPMENT CONNECTIONS ONLY. CARLON PVC TYPE SCH 40 HEAVY WALL CONDUIT WITH GROUND WIRE MAY BE USED BELOW FLOOR SLAB OR UNDERGROUND IN LIEU OF RIGID, THREADED, GALVANIZED CONDUIT. PVC SCH. 40 CONDUIT SHALL NOT BE RUN IN OR ABOVE FLOOR SLAB, OR IN TILT WALL PANELS. PVC CONDUIT SHALL TERMINATE BELOW FLOOR SLAB WITH RIGID, THREADED METAL CONDUIT ADAPTER. CONDUIT ABOVE SLAB SHALL BE METAL. ALL SIGNAGE SHALL BE SUBMITTED AND APPROVED SEPARATELY. SEND TO: SIGNAGE@NEWQUEST.COM. INSTALL ELECTRIC METER DIRECTLY ADJACENT TO ANY EXISTING METER, USING AS LITTLE SPACE ON THE GUTTER AS POSSIBLE. IF THERE ARE NO EXISTING METERS ON THE GUTTER, INSTALL THE METER AS FAR TO ONE SIDE ON THE GUTTER AS POSSIBLE (LEAVING MAXIMUM ROOM FOR FUTURE METERS), ALL EXTERIOR INSTALLED ITEMS TO BE PAINTED TO MATCH THE EXTERIOR OF THE BUILDING.
- PLUMBING - INSTALL WATER SUB METER WITH REMOTE READ OUT IN EASILY ACCESSIBLE LOCATION. COORDINATE WITH NEWQUEST CONSTRUCTION MANAGER ON SPEC AND LOCATION. - NEPTUNE 'ENCODER TYPE' ... SEE ATTACHED DOC. WATER PIPING TO BE TYPE L COPPER. INSULATE ALL HOT AND COLD-WATER PIPES. ALL RESTROOMS MUST HAVE FLOOR DRAINS. PROVIDE TRAP PRIMER AT ALL FLOOR DRAINS. PROVIDE HOT AND COLD-WATER SUPPLY SHUTOFF VALVES AT ALL FIXTURES AND EQUIPMENT. ALL EXTERIOR INSTALLED ITEMS TO BE PAINTED TO MATCH THE EXTERIOR OF THE BUILDING. CO2 TANKS MUST BE INSTALLED WITHIN THE LEASE PREMISES NOT IN THE COMMON AREA. GAS LINES ARE TO BE CORED THROUGH PARAPET WALLS AND SEALED. THEY MAY NOT RUN UP AND OVER. GAS LINES ON ROOF TO BE PAINTED SAFETY YELLOW ALL EXTERIOR INSTALLED ITEMS (GAS LINE) TO BE PAINTED TO MATCH THE EXTERIOR OF THE BUILDING.
- TENANTS MUST MODIFY SPRINKLER HEADS TO MEET CEILING TYPE AND MUST CONNECT TO ALARM PANEL



2 DETAIL
SCALE: 1-1/2"= 1'-0"



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

Date issued/revised

26 JUNE 2026 - FOR REVIEW
24 JULY 2026 - FOR REVIEW

NOTES TO SHEET:

- EXISTING ALUMINUM AND GLASS STOREFRONT. INSTALL TENANT GRAPHICS
- EXISTING STOREFRONT DOOR
- EXISTING 1 HR RATED DEMISING WALL
- ELECTRICAL SERVICE TO BE RELOCATED TO DAJACENT TENANT- CONSULT W/ OWNER FOR NEW LOCATION
- EXISTING 10' CEILING GRID AND LIGHTS TO REMAIN- CONTRACTOR TO REMOVE ALL DUCTWORK AND GRILL
- EXISTING OPEN CEILING- REMOVE ALL DUCTWORK & LIGHTING- PRE FOR NEW CEILING
- ALL FLOORING & BASE BE REMOVED AND LEVELED
- ALL EQUIPMENT TO BE REMOVED INCLUDING FURNITURE AND CABINETRY
- MOP SINK TO REMAIN (ADJUST AS NECESSARY)
- WATER HEATER TO BE REMOVED
- REMOVE ALL STUDS AND WALLS
- EXISTING BUILDING COLUMN TO REMAIN- REMOVING ALL FURRING
- EXISTING METAL DOOR
- REMOVE EXISTING SOFFIT AT FRONT ENTRY AND EXTEND GRID
- COVER EXISTING CLEAR STORY WINDOW AT THIS LOCATION WITH BLACK OUT FILM
- EXISTING CANOPY TO REMAIN
- EXISTING STUD WALL TO REMAIN

GENERAL NOTES:

- REFER TO MEP DRAWINGS FOR WASTE LINE AND STUB-UP PENETRATIONS IN SLAB
- CONCRETE LEAVE OUT - REPOSITION AND REPLACE REINFORCEMENT MATCHING EXISTING BAR SIZE AND SPACING. DOWEL NEW BARS A MINIMUM OF 6 INCHES INTO EXISTING SLAB AND SECURE WITH AN EPOXY COMPATIBLE WITH CONCRETE.

TOTAL AREA = +/- 1,406 SQ FT



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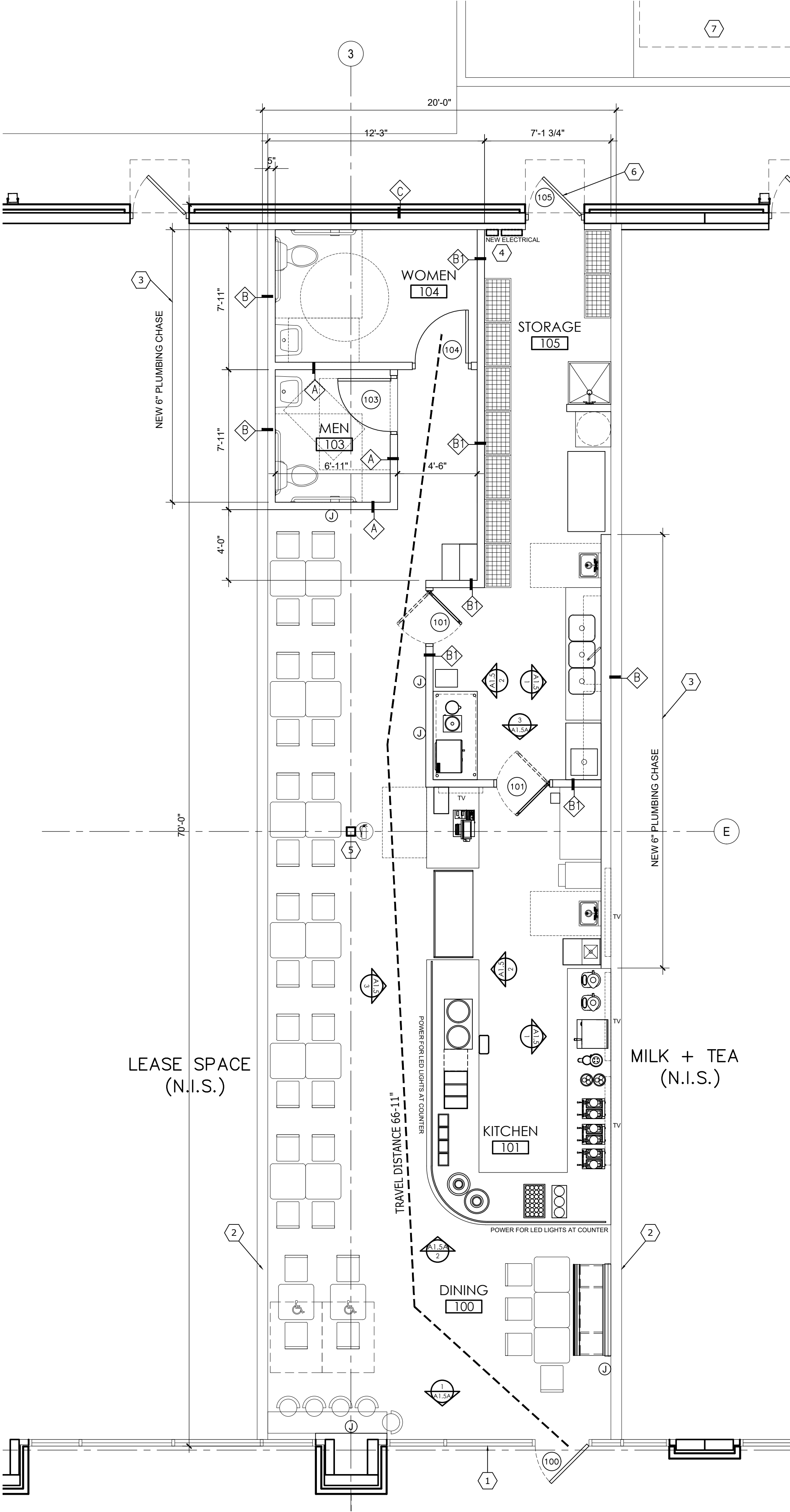
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DEMO PLAN

Sheet No. AD1.0



Indicate new partition to be installed along storefront where window film is to be installed at seating area.

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

Date issued/revised

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24 JULY 2026 - FOR REVIEW

NOTES TO SHEET:

1. EXISTING ALUMINUM AND GLASS STOREFRONT DOOR
2. EXISTING 1HR RATED DEMISTING WALL
3. INSTALL NEW 3-5/8 FUR OUT WALL AT DIMSING WALL
4. ELECTRICAL SERVICE.
5. EXISTING BUILDING COLUMN TO REMAIN. PAINT
6. EXISTING METAL DOOR- SEE DOOR SCHEDULE
7. NEW LOCATION GREASE TRAP SEE PLUMBING PLANS (LOCATED AT PARKING LOT)

GENERAL NOTES:

- REFER TO MEP DRAWINGS FOR WASTE LINE AND STUB-UP PENETRATIONS IN SLAB
- GYPSUM BOARD INSTALLED IN WET AREAS SUCH AS KITCHENS AND RESTROOMS SHALL BE AT LEAST WATER RESISTANT (GREEN BOARD) OR AN EQUIVALENT WATERPROOF SHEATHING MATERIAL
- SEE EQUIPMENT SCHEDULE FOR ALL FIXTURES
- CONCRETE LEAVE OUT - REPOSITION AND REPLACE REINFORCEMENT MATCHING EXISTING BAR SIZE AND SPACING. DOWEL NEW BARS A MINIMUM OF 6 INCHES INTO EXISTING SLAB AND SECURE WITH AN EPOXY

TOTAL AREA = +/- 1,406 SQ FT



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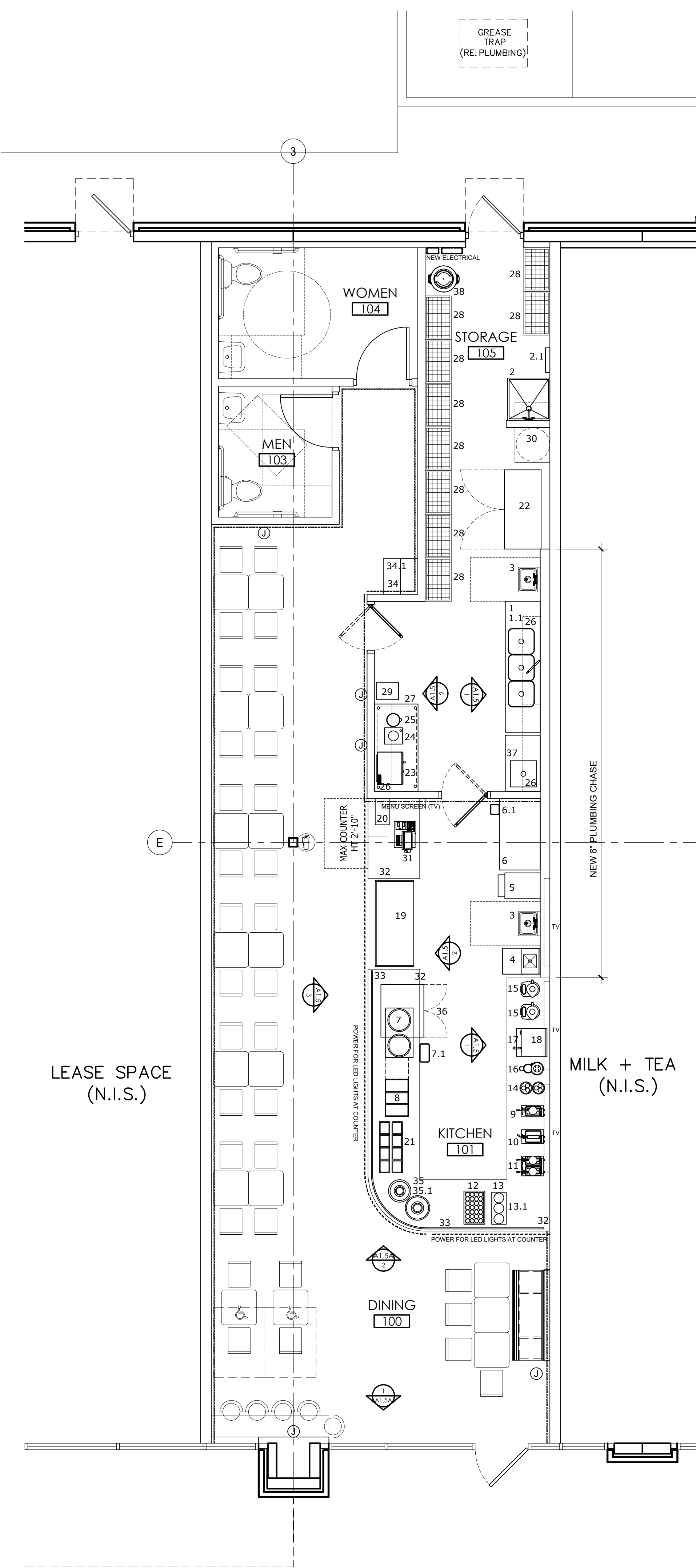
FLOOR PLAN

Sheet No. **A1.0**

EQUIPMENT SCHEDULE						PROVIDED BY	INSTALLED BY
TAG	EQUIPMENT	BRAND	MODEL	QTY	REMARKS		
1	3 COMPARTMENT SINK	KINTERA	KES3C1818-218	1		CONTRACTOR	CONTRACTOR
1.1	FAUCET ASSEMBLY FOR 3 COMPARTMENT SINK	SERV-WARE OR EQUAL	FLO-98812	1		CONTRACTOR	CONTRACTOR
2	MOP SINK	--	EXISTING	1	ADD CLEANING SUPPLIES	CONTRACTOR	CONTRACTOR
2.1	BROOM & MOP HOLDER	AMAZON	--	1	WALL MOUNTED	OWNER	CONTRACTOR
3	HANDSINK W/FAUCET	KINTERA	KHS17SP	2	W/INTEGRATED SPLASH GUARDS, FAUCET, SOAP & TOWEL DISPENSER	CONTRACTOR	CONTRACTOR
4	DUMP SINK WITH FAUCET	REGENCY	600BSD261844G	1		OWNER	CONTRACTOR
5	ICE MAKER W/ BIN	HOSHIZAKI OR SCOTSMAN)	KM-81BAJ OR CU0715MA-1	1		OWNER	CONTRACTOR
6	ICE CREAM FREEZER - 8 TUBS	AVANTCO	360ADC8N	1		OWNER	CONTRACTOR
6.1	ICE CREAM DRIPPING WELL	NEMCO	77316-7	1	SURFACE MOUNT	OWNER	CONTRACTOR
7	DOUBLE CREPE MAKER	EQUIPEX	400ED	1	INSIDE COUNTERTOP	OWNER	CONTRACTOR
7.1	CREPE DRIPPING WELL	NEMCO	77316-13	1	SURFACE MOUNT	OWNER	CONTRACTOR
8	REFRIGERATED PREP RAIL FRIDGE COUNTERTOP	ARCTIC AIR	ACP40	1	INSIDE COUNTERTOP	OWNER	CONTRACTOR
9	SINGLE BELGIAN WAFFLE MAKER	WARING COMMERCIAL	WW180X	1	COUNTERTOP	OWNER	CONTRACTOR
10	WAFFLE BALL MAKER	SEPHRA	14039-A	1	COUNTERTOP	OWNER	CONTRACTOR
11	SINGLE LEIGE WAFFLE MAKER	EQUIPEX	GES201	1	COUNTERTOP	OWNER	CONTRACTOR
12	TOPPINGS WARMER	GALAXY	GW50E	1	INSIDE COUNTERTOP	OWNER	CONTRACTOR
13	CHOCOLATE MELTING POT DIPPINGS WARMER (3 POTS)	SERVER	DI-3 92040	1	INSIDE COUNTERTOP	OWNER	CONTRACTOR
13.1	MELTING POT INSET JAR	SERVER	94009	3		OWNER	CONTRACTOR
14	TOPPINGS WARMER 3 SQUEEZE BOTTLES	KATOM	86810	2	COUNTERTOP	OWNER	CONTRACTOR
15	BLENDER	VITAMIX	62827	2	COUNTERTOP	OWNER	CONTRACTOR
16	ESPRESSO GRINDER	CEADO	385CDE37S MFR LV9R014N	1	COUNTERTOP	OWNER	CONTRACTOR
17	ESPRESSO MACHINE	ESTELLA CAFFE	ECEM1	1	COUNTERTOP	OWNER	CONTRACTOR
18	WATER FILTER-QC71 PF TWIN 4FC-S HIGH PERFORMANCE SYSTEM FOR COFFEE AND ICE MACHINES	EVERPURE	EV9328-92	1	WALL MOUNTED	OWNER	CONTRACTOR
19	BAKERY CASE DISPLAY	AVANTCO	193BC60HCB	1		OWNER	CONTRACTOR
20	3 TIER COMMERCIAL BAKERY PASTRY DISPLAY CASE W/TRAYS	STRUCTURAL CONCEPTS	176BDC3	1	COUNTERTOP	OWNER	CONTRACTOR
21	DISPLAY CASE	CANDY CONCEPTS	SB5766. 3923A	8	COUNTERTOP	OWNER	CONTRACTOR
22	REFRIGERATOR	KATOM	ER2A-FS	1		OWNER	CONTRACTOR
23	MICROWAVE	SOLWAVE	180MW1000SS	1	COUNTERTOP	OWNER	CONTRACTOR
24	SINGLE BURNER	WARING COMMERCIAL	WEB300	1	COUNTERTOP	OWNER	CONTRACTOR
25	COFFEE URN	HAMILTON BEACH	410HCU040S	1	COUNTERTOP	OWNER	CONTRACTOR
26	KINTERA, SHELF, WALL MOUNTED W/ BACKSPLASH (D 12" X H 6")	KINTERA	--	--	AS NEEDED	OWNER	CONTRACTOR
27	STAINLESS STEEL TABLE	REGENCY	600TB3060G	1	COUNTERTOP W/4" BACK SPLASH	OWNER	CONTRACTOR
28	COLD STORAGE SHELVING 5 TIER	REGENCY	460EC1830K74	--	AS NEEDED	OWNER	CONTRACTOR
29	EMPLOYEE LOCKERS	REGENCY	600LC16125KQ	1	ELEVATED ON 6" ROUND LEGS	OWNER	CONTRACTOR
30	WATER HEATER	A.O. SMITH	DEL-40	1	PROVIDE 18" HT. TABLE	CONTRACTOR	CONTRACTOR
31	POS SYSTEM + 2 EXTRA PRINTERS	--	-	--	PER OWNER- CONFIRM ELECTRICAL AND INTERNET LINE	OWNER	CONTRACTOR
32	NSF APPROVED ENGINEERED QUARTZ WHITE STONE BAR	--	-	--	PER OWNER - CONFIRM GROMMETS FOR POWER	CONTRACTOR	CONTRACTOR
33	SNEEZE GUARD 60" ABOVE FFL	--	-	--	COUNTERTOP	OWNER	CONTRACTOR
34	TABLE AD SEATING WASTE 32 GALLON BLACK WASTE RECEPTACLE ENCLOSURE WITH DROP HOLE AND TRAY SHELF	LANCASTER	349TRASHB32	--		OWNER	CONTRACTOR
34.1	UTENSIL TRAY, NAPKIN DISPENSER & SUGAR/CREAMER DISPENSER	--	-	--		OWNER	CONTRACTOR
35	AZTEC 27" COMMERCIAL CHOCOLATE FOUNTAIN	SEPHRA	10150	1		OWNER	CONTRACTOR
35.1	AZTEC 27" HYGIENE, WIND AND SNEEZE GUARD	SEPHRA	10502	1		OWNER	CONTRACTOR
35.1	CORTEZ 23" COMMERCIAL CHOCOLATE FOUNTAIN	SEPHRA	10230	1		OWNER	CONTRACTOR
35.1	CORTEZ 23" HYGIENE, WIND AND SNEEZE GUARD	SEPHRA	10507	1		OWNER	CONTRACTOR
36	STAINLESS STEEL UNDER COUNTER REFRIGERATOR	AVANTCO	SS-UC-36R-HC	1	UNDER COUNTER - OPTIONAL-VERIFY WITH OWNER AND LOCATION	OWNER	CONTRACTOR
37	ONE COMPARTMENT PREP SINK	KINTERA	KES3C1818-L18	1	PER OWNER - CONFIRM GROMMETS FOR POWER	CONTRACTOR	CONTRACTOR
38	TRASH CAN	--	--	1	PER OWNER	CONTRACTOR	CONTRACTOR

ALL OTHER SMALL KITCHEN ACCESSORIES BY OWNER AND INSTALLED BY CONTRACTOR.
TABLE AND CHAIRS PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR
ALL INTERNAL SIGNS PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR.
SEE GREASE TRAP SIZE AND LOCATION PER PLUMBING DRAWINGS

2EQUIPMENT SCHEDULE
(VERIFY W/OWNER)



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

Date issued/revised

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24 JULY 2026 - FOR REVIEW

LEGEND

F.E. ① FIRE EXTINGUISHER

FIRE EXTINGUISHER
IBC CHAPTER 9, TABLE 906.3(1)

CENTER OF HANDLE

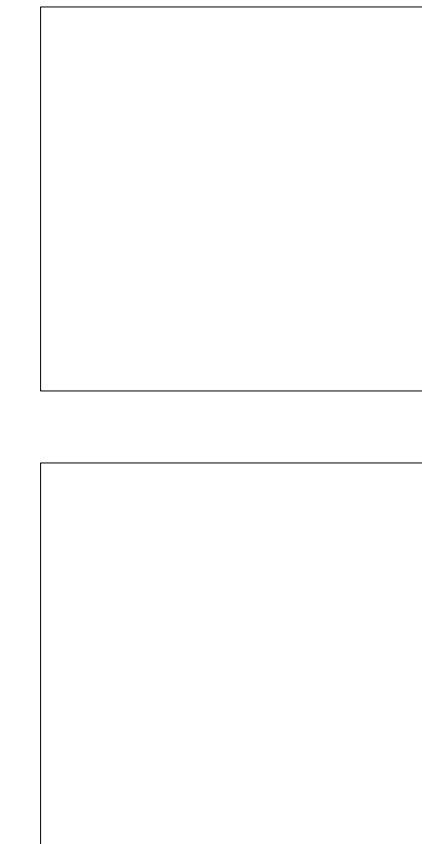
4'-0"

F.F.

WALL MOUNTED FIRE EXTINGUISHER
MIN RATING OF 2A:110BC

TRAVEL DISTANCE TO EXTINGUISHER SHALL BE NO MORE THAN 75'-0" VERIFY LOCATION AND MODEL W/ FIRE MARSHAL PRIOR TO INSTALLATION

- SEATING AREA TO HAVE AT LEAST 5% OF ADA TABLE



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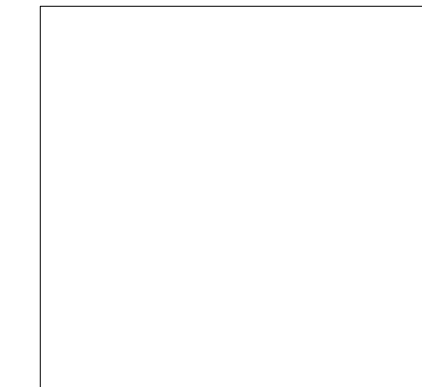
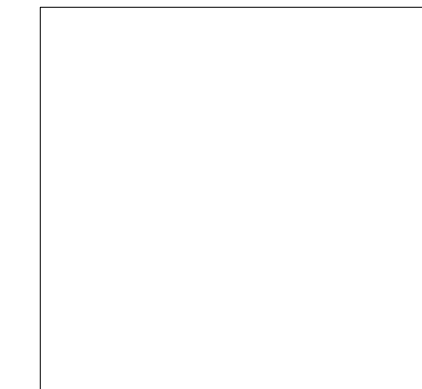
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EQUIPMENT PLAN

Sheet No. A1.1

- GENERAL NOTES:
- EXISTING SPRINKLER FIRE SYSTEM & FIRE ALARM SHALL BE RESUBMITTED AS A DIFFERED SUBMITTAL



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REFLECTED CELING PLAN

Sheet No. A1.2

LEGEND

NEW 2'x4' (VINYL) WHITE
CEILING TILE ON EXISTING GRID (PAINT)

PAINT EXISTING GRID
AND CEILING TILE WHITE

2'x2' RECESSED LED LIGHT FIXTURE
64222402-120K/321346380

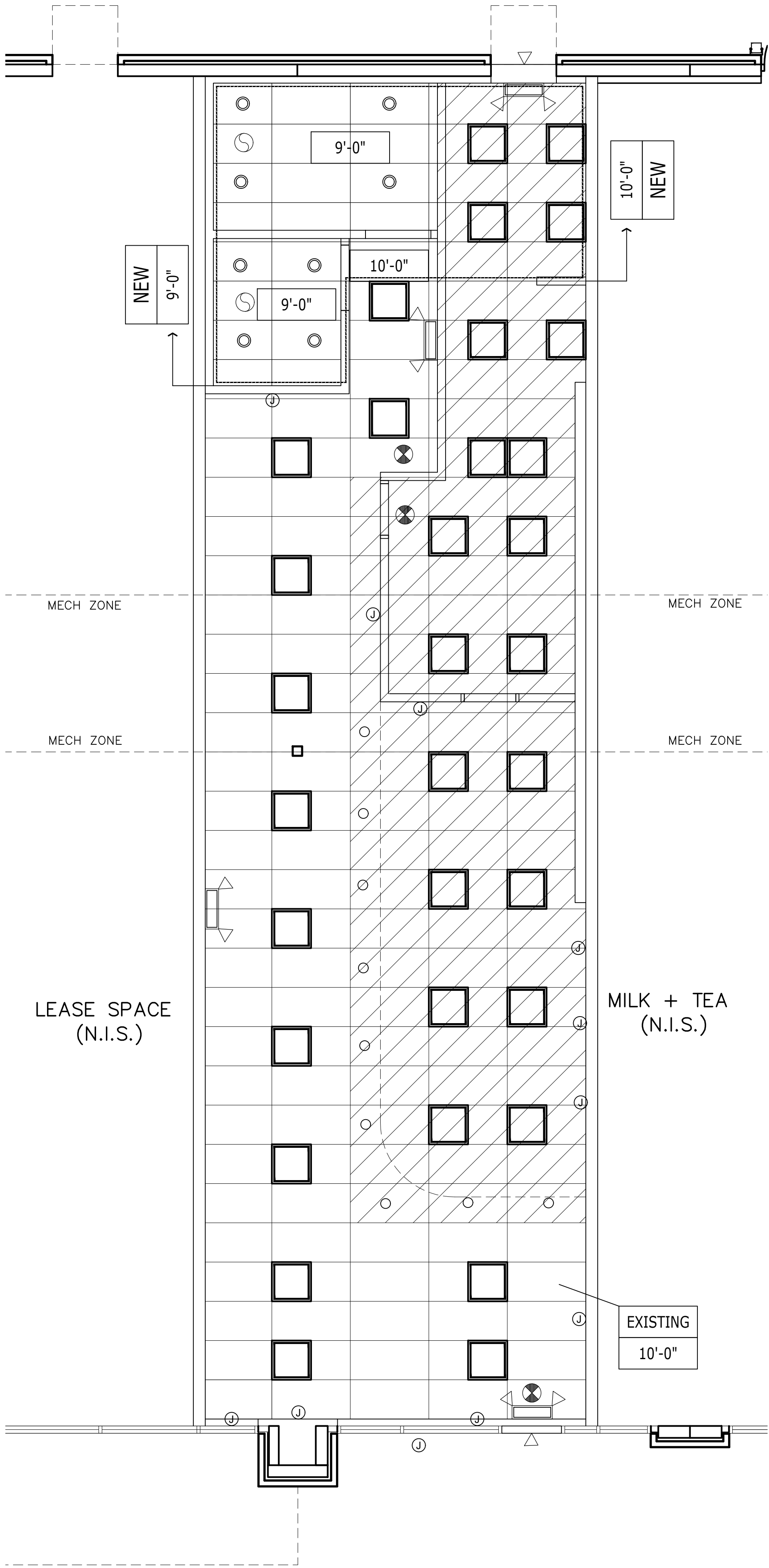
EMERGENCY EXIT EGRESS LIGHT,
RE: ELECTRICAL DWGS.

EXHAUST FAN

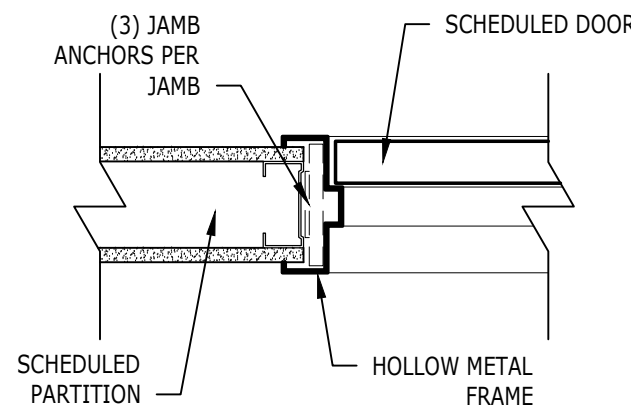
EMERGENCY EXIT LIGHT,
RE: ELECTRICAL DWGS.

HEIGHT OF CEILING,
ABOVE FINISH FLOOR

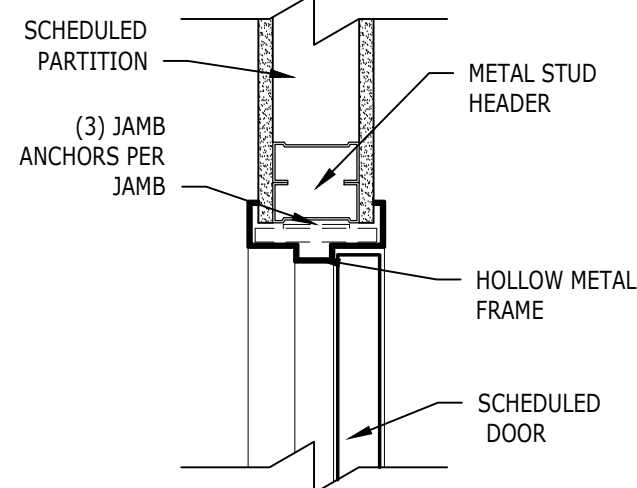
- 6" RECESSED CAN LIGHT - HALO SMD-DM
- 4" CEILING MOUNTED CAN LIGHT - HALO SMD4R6927WH
- J=BOX FOR SIGNAGE



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



6 DETAIL
SCALE: 1-1/2"= 1'-0"



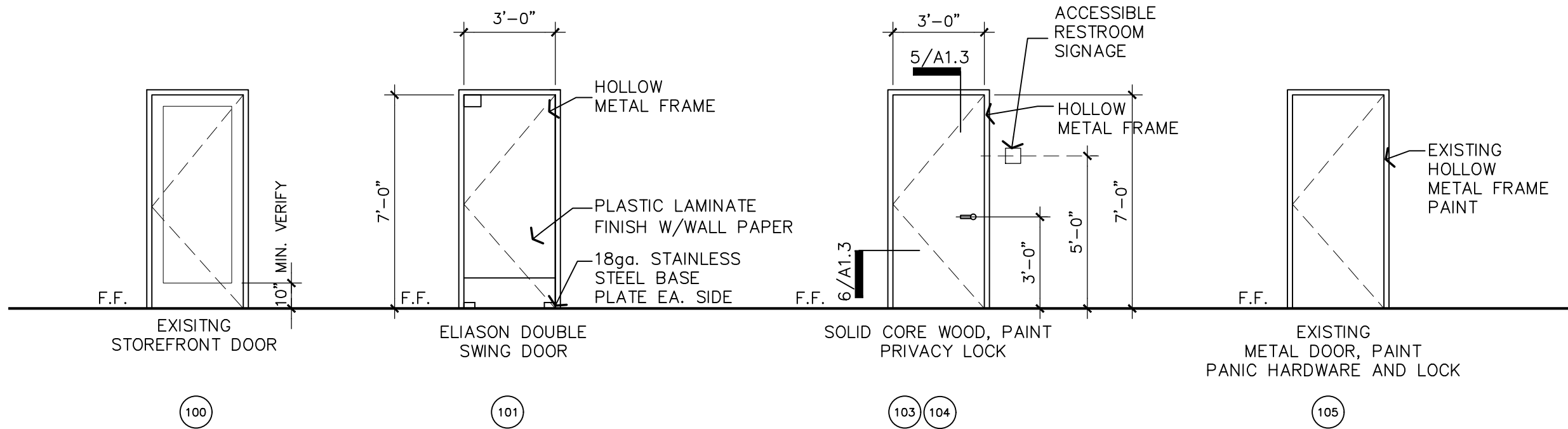
5 DETAIL
SCALE: 1-1/2"= 1'-0"

DOOR SCHEDULE					
DOOR					
TAG	SIZE	MATERIAL	FRAME MATERIAL	HDW SET	REMARKS
100	EXISTING	ALUMINUM	ALUMINUM	1	NOTE 1 & 5
101	3'-0" x 7'-0"	LAMINTAE W/WALL P	HOLLOW METAL	N/A	"ELIASON" DOUBLE SWING
103	3'-0"x7'-0"x1 3/4"	SOLID CORE WOOD	HOLLOW METAL	6	NOTE 2 & 3
104	3'-0"x7'-0"x1 3/4"	SOLID CORE WOOD	HOLLOW METAL	6	NOTE 2 & 3
105	EXISTING	HOLLOW METAL	HOLLOW METAL	5	NOTE 4, 5 & 6

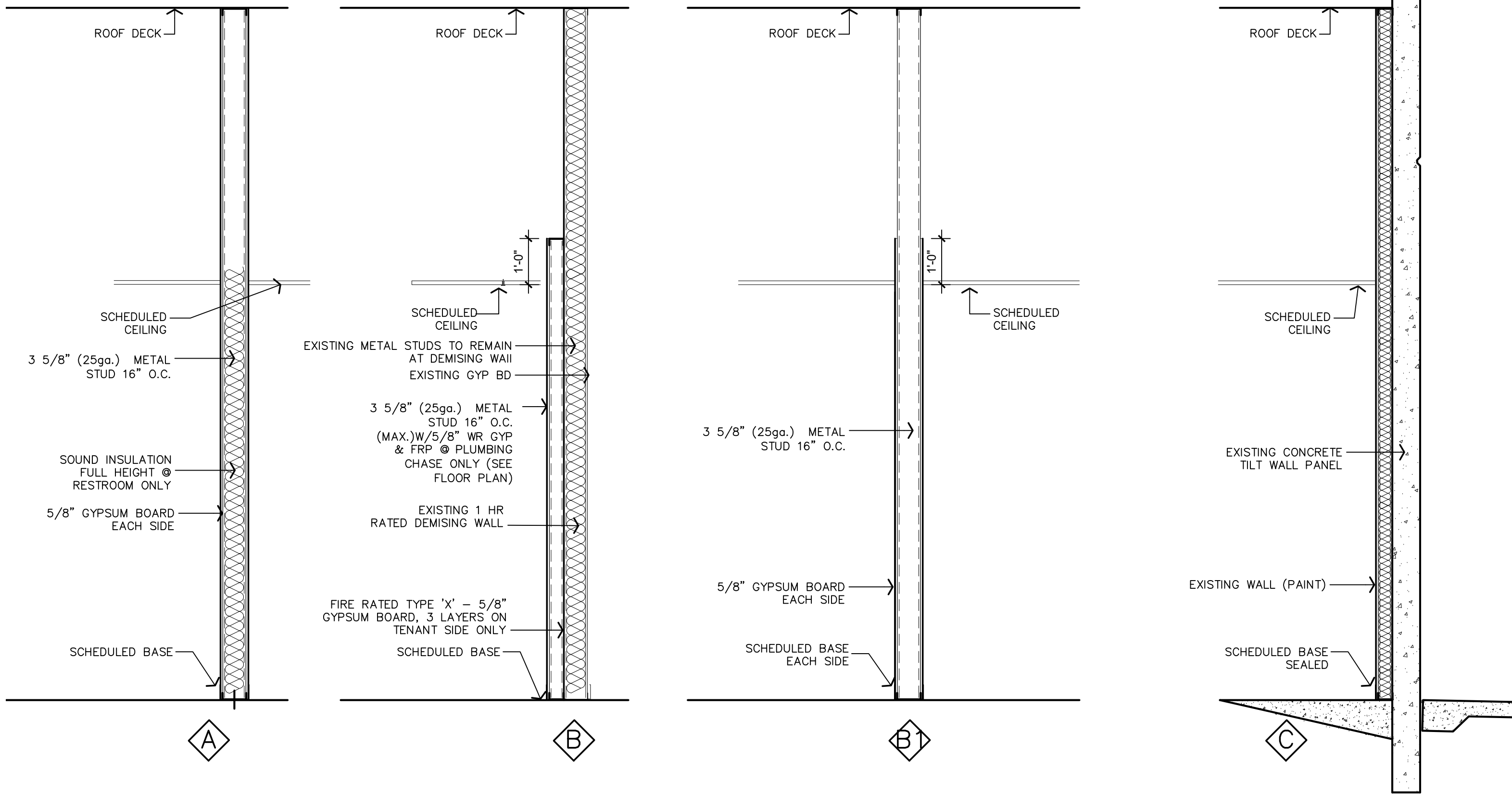
- DOOR NOTES:
- EXISTING STOREFRONT DOOR WITH LOCK INDICATOR AND A SIGN ON DOOR, "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED".
 - UNDERCUT DOOR 3/4".
 - PROVIDE ACCESSIBLE RESTROOM SIGN FOR BOTH RESTROOMS.
 - ALL DOORS AND FUNCTIONS SHALL MEET CURRENT TEXAS ACCESSIBILITY STANDARDS.
 - EXIT DOORS WILL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR SPECIAL EFFORT. THE UNLATCHING OF ANY DOOR OR DOOR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. KEY-LOCKING HARDWARE MAY BE INSTALLED ON THE MAIN ENTRANCE OF EACH TENANT SPACE IN ACCORDANCE WITH SECTION 1010.1.9.3 OF THE BUILDING AND FIRE CODES.
 - EXISTING METAL DOOR- ENSURE PANIC HARDWARE, RAIN DRIP AND SWEEP

HARDWARE SETS:

- SET 1
- 2 PAIR PIVOTS
 - 2 CLOSERS
 - THRESHOLD (BARRIER FREE)
 - 2 PUSH/PULL
 - CYLINDER LOCK WITH 3-POINT LOCKING SYSTEM AND EXIT INDICATOR
 - WEATHER STRIP
 - SWEEP
- SET 2
- 1 1/2 PAIR BUTTS
 - CLOSER
 - PUSH/PULL
 - ALUMINUM KICK PLATE BOTH SIDES
 - SILENCERS
- SET 3
- 1 1/2 PAIR BUTTS
 - STOREROOM LOCKSET
 - DOOR STOP
 - SILENCERS
- SET 4
- DOUBLE SWING HINGE
 - PUSH
 - SILENCERS
 - ALUMINUM KICK PLATE BOTH SIDES
- SET 5
- 1 1/2 PAIR BUTTS
 - CLOSER
 - PUSH BAR EXIT DEVICE WITH EXTERIOR LOCKSET
 - THRESHOLD (BARRIER FREE)
 - WEATHER STRIP
 - SWEEP
 - DRIP GUARD
 - LATCH GUARD
- SET 6
- 1 1/2 PAIR BUTTS
 - PRIVACY LOCKSET
 - DOOR STOP
 - SILENCERS

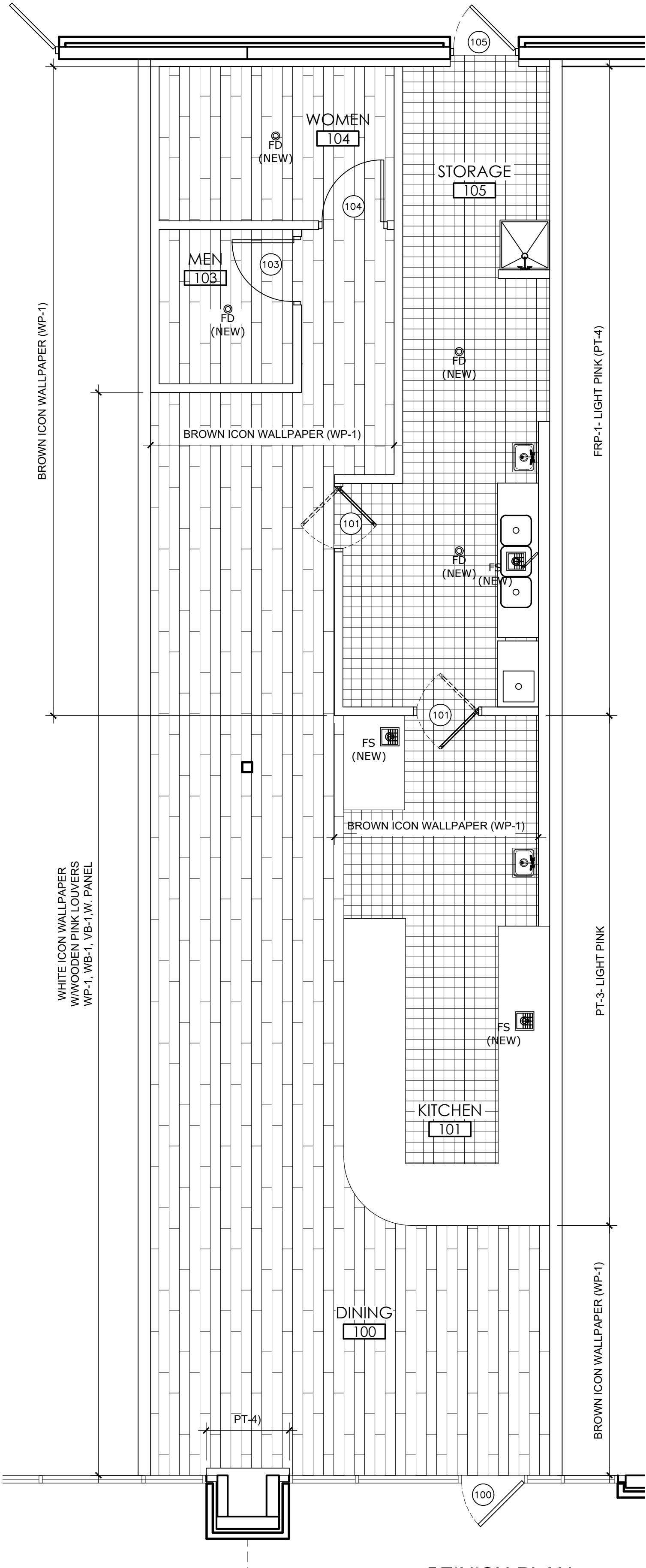
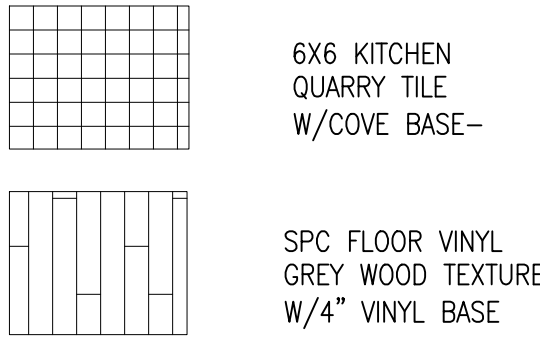


3 DOOR TYPES
SCALE: 3/4" = 1'-0"



2 PARTITION TYPES
SCALE: 3/4" = 1'-0"

LEGEND



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

NOTE:
USE 48" HIGH WATER RESISTANT GYPSUM BOARD IN AREAS SUBJECT TO WATER SPLASH
TAPE, FLOAT & SAND ALL GYPSUM BOARD PARTITIONS.
LEVEL 4 FINISH NEEDED AT WALLS AT WALL PAPER LOCATIONS
ALL PENETRATIONS IN THE DEMISING WALL ARE CAULKED WITH FIRE CAULKING

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FINISH FLOOR PLAN, WALL
TYPES & DOOR TYPES

Sheet No. A1.3

ROOM FINISH SCHEDULE								
ROOM NO	ROOM NAME	FLOOR	BASE	CEILING	WALLS			
					NORTH	EAST	SOUTH	WEST
100	DINNING	FF-1	WB-1	CT-1	PT-1/CS-1	PT-1/CS-1	PT-1/CS-1	PT-1/CS-1
101/101A	KITCHEN/UTILITY	FF-2	FB-1	CT-1	FRP-1	FRP-1	FRP-1	FRP-1
102	HALLWAY	FF-1	WB-1	CT-1	PT-1/CS-1	PT-1/CS-1	PT-1/CS-1	PT-1/CS-1
103	MEN'S	FF-1	SS-2	GYP	WT-1	WT-1	WT-1	WT-1
104	WOMEN'S	FF-1	SS-2	GYP	WT-1	WT-1	WT-1	WT-1

GENERAL NOTES:

- CLEAN, REPAIR, TAPE, AND SAND SMOOTH ALL GYPSUM BOARD BEFORE PAINTING. REFER TO FINISH SCHEDULE.
- PROVIDE CONTINUOUS SEALANT AT SINKS AGAINST ADJACENT WALL.
- ENSURE A SLIP RESISTANT TEXTURE @ RESTROOM.
- ALL FINISHES IN THE KITCHEN, RESTROOM AND MOP SINK AREA TO BE LIGHT IN COLOR, NON-ABSORBENT AND EASILY CLEANABLE.
- THE MOP SINK AREA TO HAVE FRP INSTALLED AT A MINIMUM OF AT LEAST 4 FT. HIGH FROM FLOOR UP
- ALL INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84.
INTERIOR FINISHES TO MEET FLAME SPREAD AND SMOKE DEVELOPMENT OF IBC SEC. 803.
SHALL BE MINIMUM OF CLASS 'B'.
SHALL HAVE A FLAME SPREAD OF LESS THAN 25.
SHALL HAVE A SMOKE DEVELOPED INDEX RATING OF LESS THAN 450.
ALL DOORS METAL FRAMES TO BE PAINTED WITH STAINED COLOR ON ALL WOOD DOORS

5 FINISH SCHEDULE
SCALE: N.T.S.

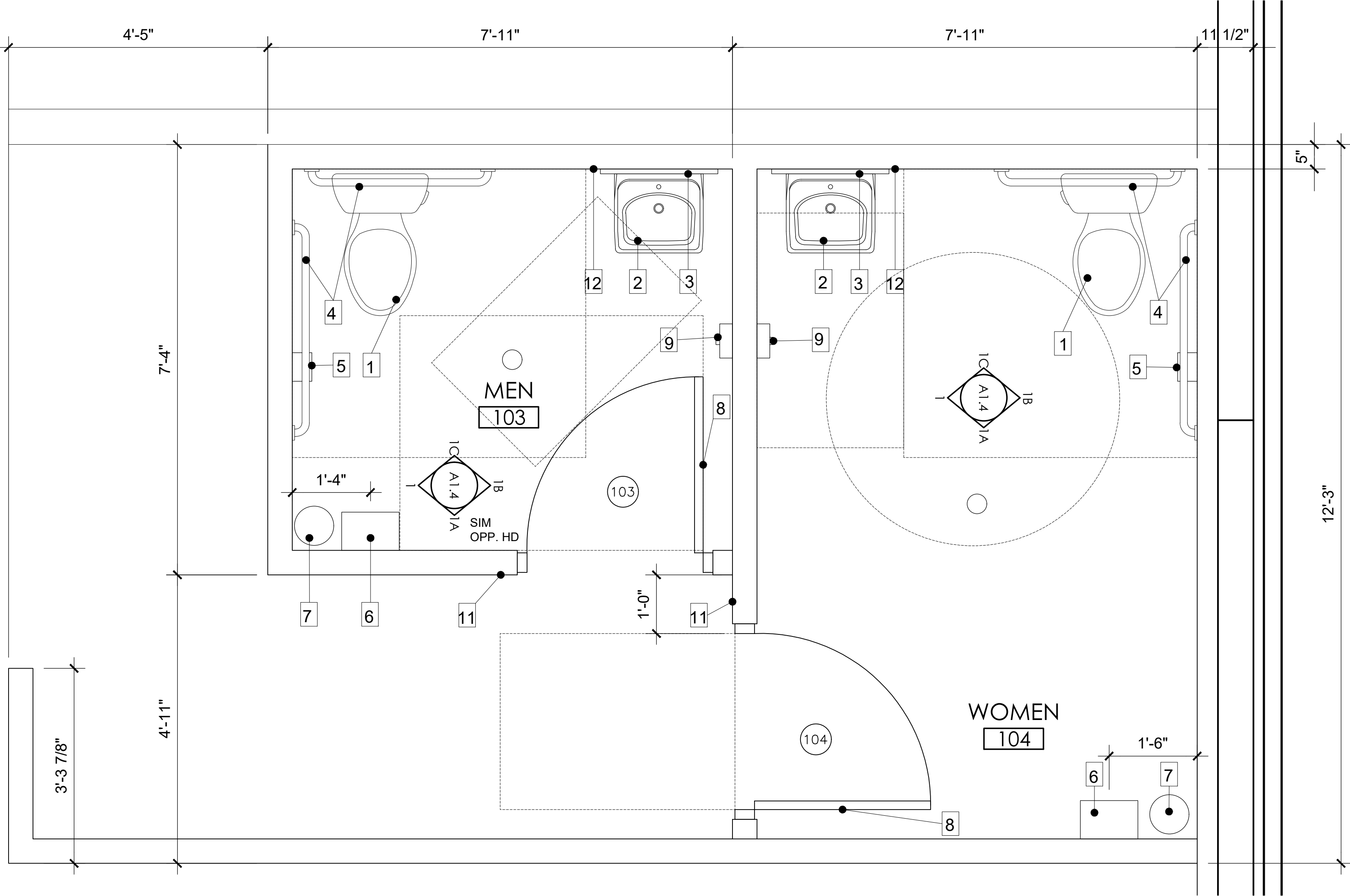
FINISH SCHEDULE			
FLOORING			
CODE	MANUFACTURER	COLOR	
FF-1	SPC FLOOR VINYL	GREY WOOD TEXTURE	REF. X2002 - 9" x 60"
FF-2	DALTILE OR EQUAL	GREY OR RED BLAZE	QUIETREAD - QUARRY 6" X 6" TILES W/COVE BASE
BASE			
CODE	MANUFACTURER	COLOR	
WB-1	WOOD TRIM	COLOR TO BE SELECTED BY OWNER	WOOD FRAME CONTOUR TRIM AT WAINSCOT BROWN PAINT BHER - PPU1-02
FB-1	DALTILE	MATCH EXISTING KITCHEN TILE	5" X 6" COVE BASE
VB-1	ARMSTRONG OR EQUAL	BROWN RUBBER BASE	WALL BASE
CEILING			
CODE	MANUFACTURER	COLOR	
CT-1	ROCK-FON	WHITE	HYGIENIC PLUS CEILING TILE - ALL GRID TO BE PAINTED "BIT OF SUGAR - PR-W14" CODE 060323700681
PAINT AND WALL COVERING			
CODE	MANUFACTURER	COLOR	
PT-1	BHER	BIT OF SUGAR - PR-W14 (WHITE)	GENERAL WALLS & CEILING GRID AND TILE WHEN NEEDED
PT-2	BHER	DIVINE WINE "DYNASTY" - PPU1-02 (BROWN)	DRIPPING DESIGN AT COUNTER & TRIM AT LOUVER AT DINNING
PT-3	BHER	8150 HIGH GLOSS - ID:CMC25-88119E (MAIN PINK)	TV MENU WALL BEHIND COUNTER & OTHER WALLS WHEN NEEDED
PT-4	BHER	3050 SEMI GLOSS (LIGHT PINK)	DRIPPING DESIGN, LOUVERS UNDER COUNTER DRIPPING, LOUVERS BOTTOM RAILS AT DINNING, SERVICE DOOR FRAMES WHEN NEEDED
WT-1	DALTILE	MATTE FINISHED TILE - COLOR T.B.D.	FLOOR TO CEILING
FRP-1	--	WHITE- TO BE PAINTED GLOSSY PINK	FULL CEILING HT- MEUN WALL, SERVICE BAR, BACK OF COOKING- KITCHEN & STORAGE
SS-2	SCHLUTER	STAINLESS STEEL COVE-SHAPED PROFILE FOR FLOOR/WALL TRANSITIONS	@ RESTROOM FLOOR TO WALL TRANSITION
WP-1	--	WHITE (DINNING) - BROWN (SERVICE) - PINK/WHITE (RR)	COORDINATE WITH INT. DESIGNERS DRAWINGS
W. PANEL	HOME DEPOT	1/2" X 32" X 48" SLAT WALL - PAINTED BHER 8150	BOTTOM DINNING AREA, UNDER COUNTER FRONT CASHIER- FRIDGE BOTTOM
CT-1	HOME DEPOT	GLAZED MATTE CERAMIC WALL TILE - LINEAR BLUSH	11.41" X 35.37" - BATH ROOM AREA WAINSCOT
MILLWORK			
CODE	MANUFACTURER	COLOR	
QRTZ-1	QUARTZ	ICED WHITE	OVER 1/2" PLYWOOD-CUSTOMER SIDE, BAR SEATING COUNTERTOP - COORDINATE ANY EQUIPMENT CUT OUTS
CS-1	WILSONART OR EQUAL	LIGHT PINK	COORDINATE STYLE W/TENANT

GENERAL NOTES:

- AREAS BEHIND COOLERS AND FREEZERS AND SINKS MUST HAVE FRP AND / OR GREEN SHEET ROCK TO PREVENT MOLD IN THE DEMISING WALLS. 48" A.F.F. GREEN SHEET ROCK BEHIND FRP IF POSSIBLE. BEHIND WET AREAS, JOINTS OUGHT TO BE A BULL NOSE OR SOME WATERPROOFED BARRIER TO AVOID MOISTURE AND WATER TRAVELING ACROSS DEMISING WALLS
- CONSULT FINAL "CHOCOLATE BASH" INTERIOR DESIGN DRAWINGS FOR FINISH
- ALL FINISH COLORS TO BE EITHER WHITE, BEIGE OR CREAM IN COLOR PER HEALTH DEPARTMENT
- ALL WALLS THAT HAVE WALL PAPER SHALL HAVE A LEVEL 4 FINISH PRIOR TO INSTALLATION OF WALL PAPER

4 FINISH SCHEDULE
SCALE: N.T.S.

RESTROOM EQUIPMENT SCHEDULE								TAG	EQUIPMENT	BRAND	MODEL	QTY	REMARKS	PROVIDED BY	INSTALLED BY
1	WATER CLOSET	MEP DWGS		1		CONTRACTOR	CONTRACTOR	7	TRASH CAN	BY OWNER		2		OWNER	OWNER
2	LAVATORY	MEP DWGS		1		CONTRACTOR	CONTRACTOR	9	COAT HOOK	BOBRICK	B 233	2	MOUNTED BEHIND DOOR	CONTRACTOR	CONTRACTOR
3	MIRROR	BOBRICK	B 166 2436	1		CONTRACTOR	CONTRACTOR	10	SOAP DISPENSER	BOBRICK	B 2112	2	ADDITIONAL PROVIDED AT KITCHEN HAND WASHING SINKS	CONTRACTOR	CONTRACTOR
4	GRAB BARS	BOBRICK	B 5507	2	REFER TO ADA DETAILS FOR GRAB BAR LENGTHS	CONTRACTOR	CONTRACTOR	11	GRAB BARS (VERTICAL)	BOBRICK	--	2	REFER TO ADA DETAILS FOR GRAB BAR LENGTHS	CONTRACTOR	CONTRACTOR
5	TOILET PAPER DISPENSER	BOBRICK	B 274	2		CONTRACTOR	CONTRACTOR	12	ACCESSIBILITY RR SIGNAGE			2		CONTRACTOR	CONTRACTOR
6	HAND TOWEL DISPENSER	BOBRICK	B 262	2	ADDITIONAL PROVIDED AT KITCHEN HAND WASHING SINKS	CONTRACTOR	CONTRACTOR	13	HAND WASHING SIGN			2	"EMPLOYEES MUST WASH HANDS BEFORE RETURNING TO WORK" SIGN	OWNER	OWNER
									PIPE COVER			2	PIPE INSULATION AT LAVS	CONTRACTOR	CONTRACTOR



3 ENLARGED RESTROOMS
SCALE: 3/8\"/>

- PROVIDE PROPER 2x BLOCKING AT ALL MOUNTED ACCESSORIES.
- GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS.
- PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTER / EQUIPMENT ABUTS WALL SURFACE.
- WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4\", PROVIDE S.S. CLOSURE ANGLE.
- WALLS AND PARTITIONS WITHIN 2 FEET (610 MM) OF SERVICE SINKS, URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF NOT LESS THAN 4 FEET (1219 MM) ABOVE THE FLOOR

NOTE:
COORDINATE ALL NEON INTERIOR SIGNAGE WITH TENANT AND PROVIDE POWER AS REQUIRED.

COORDINATE FINISH WITH TENANTS DESIGNERS FINISH (CHOCOLATE BASH)

ALL FLOOR AND FLOOR DRAIN SHALL BE SLOPED WITH FLOORING TO AVOID STANDING WATER (1/8\"/>

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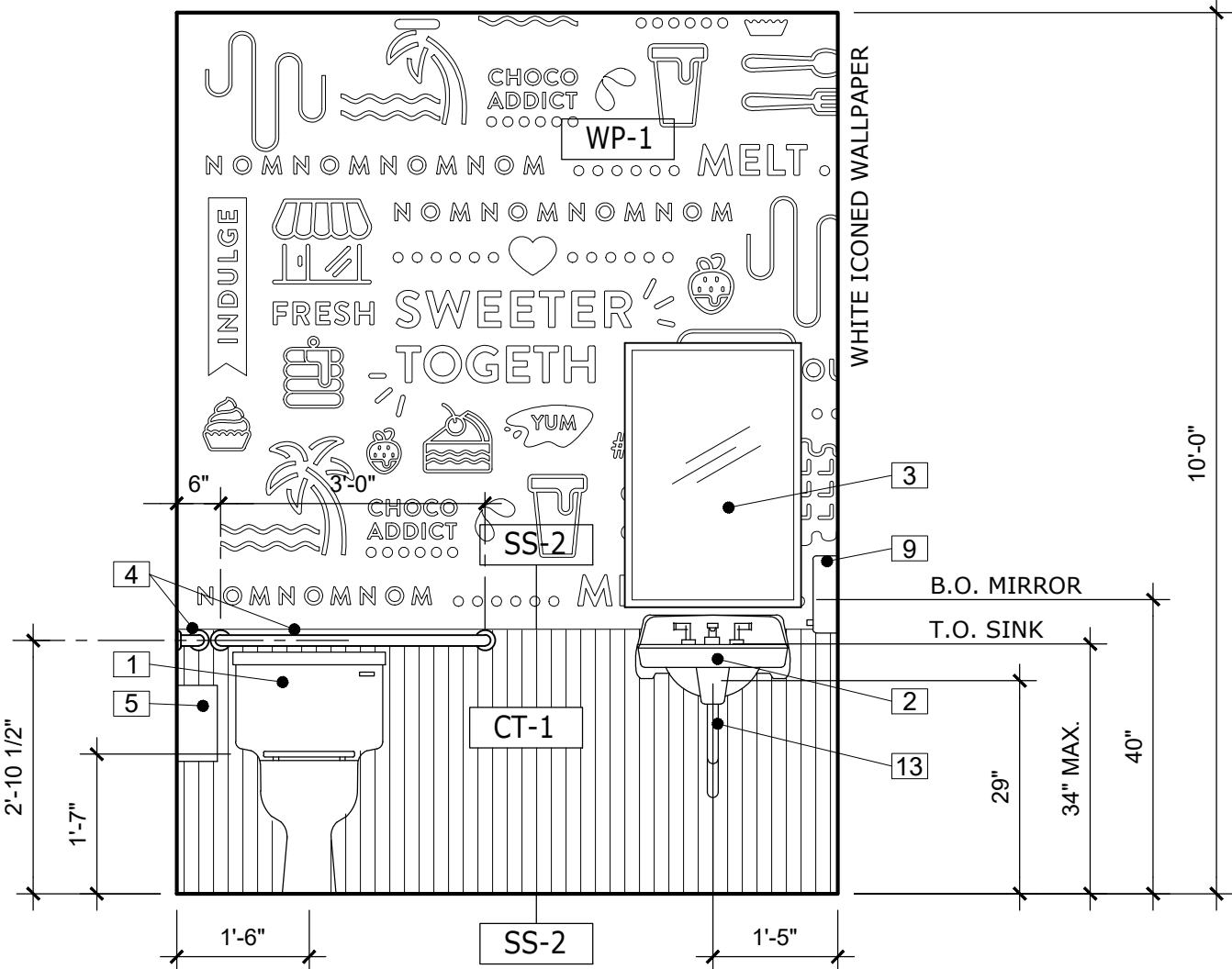
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CHOCOLATE BASH

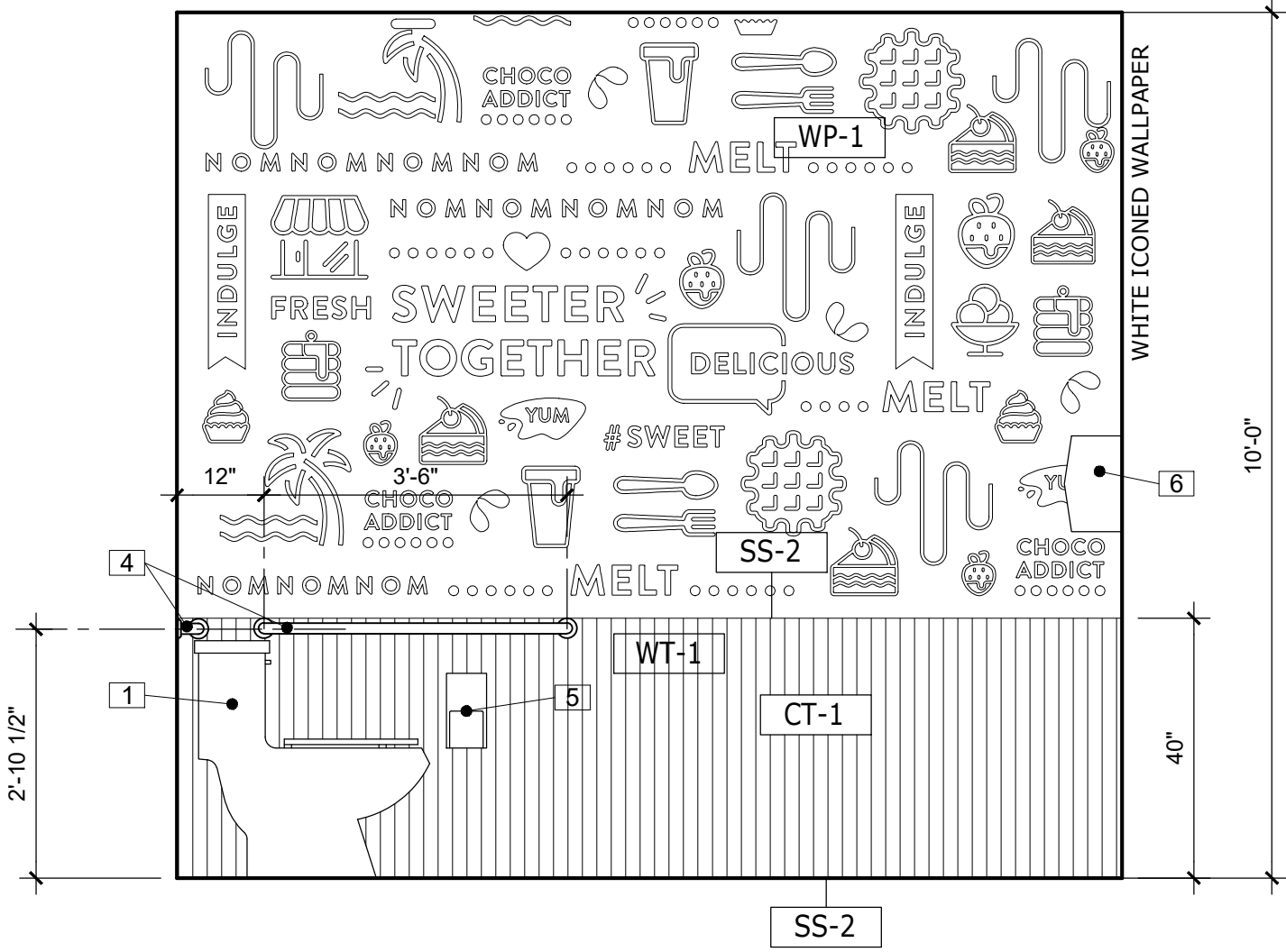
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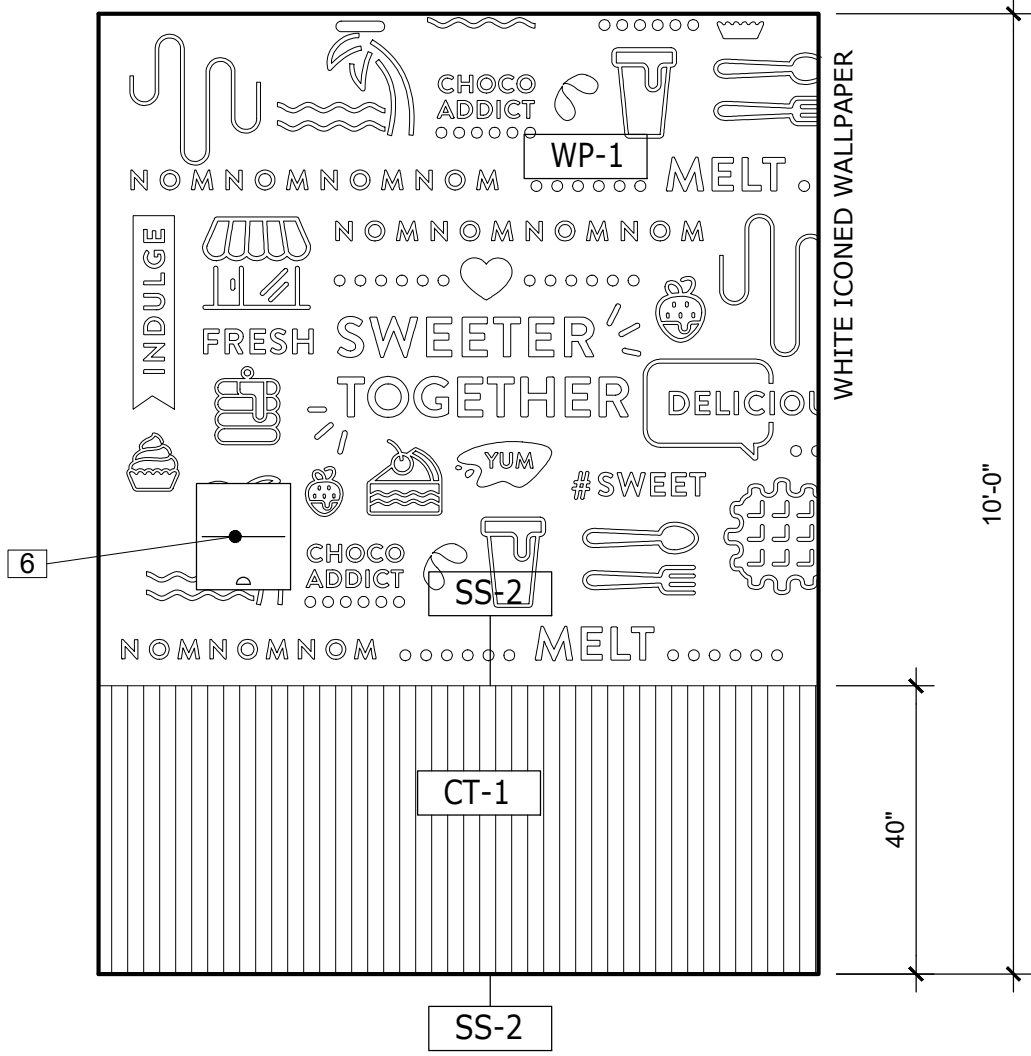
ENLARGED PLANS, RR
ELEVATION & SCHEDULES



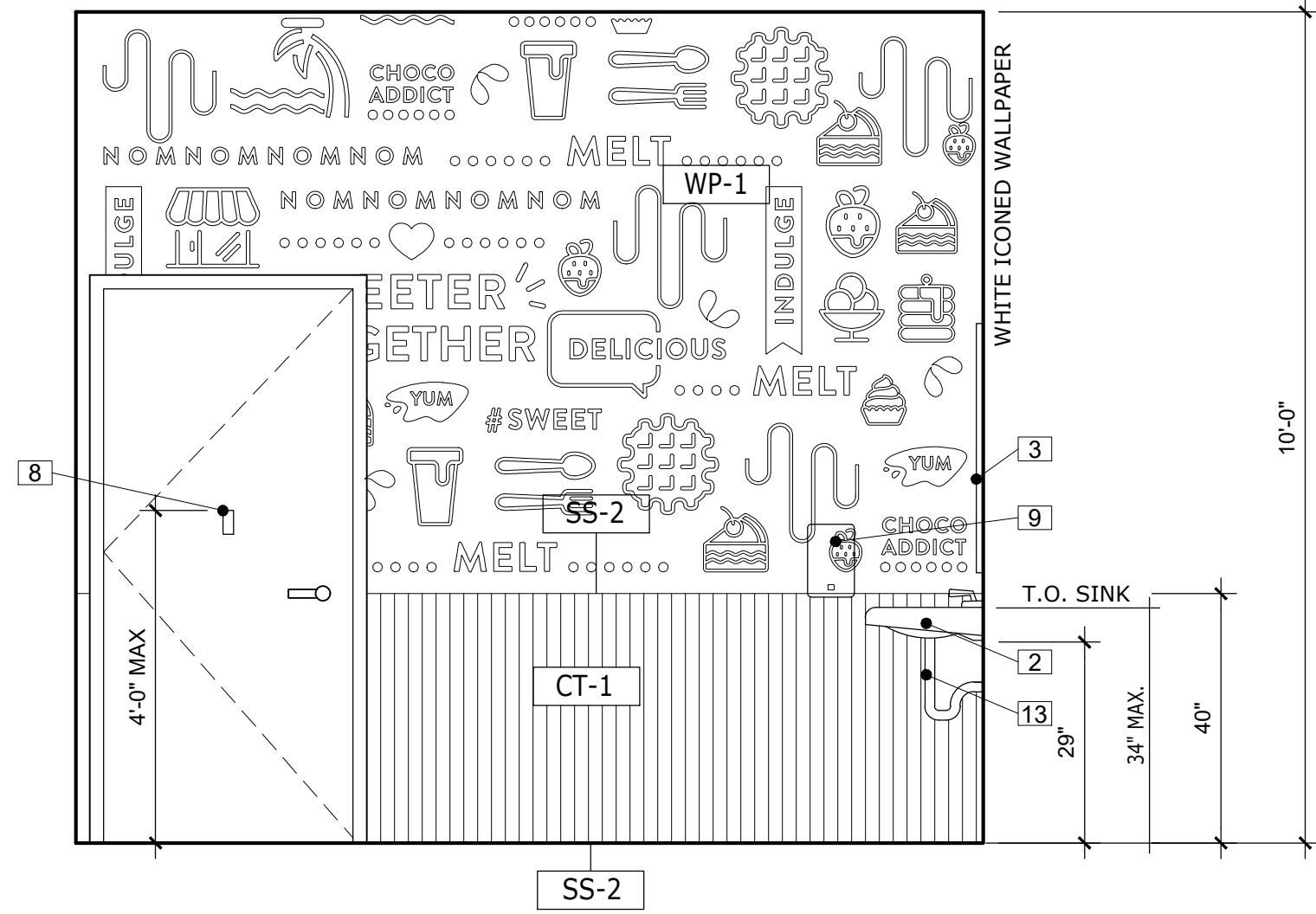
1C INTERIOR ELEVATION
SCALE: 1/2\"/>



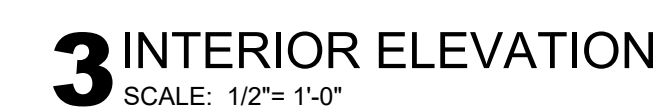
1B INTERIOR ELEVATION
SCALE: 1/2\"/>



1A INTERIOR ELEVATION
SCALE: 1/2\"/>



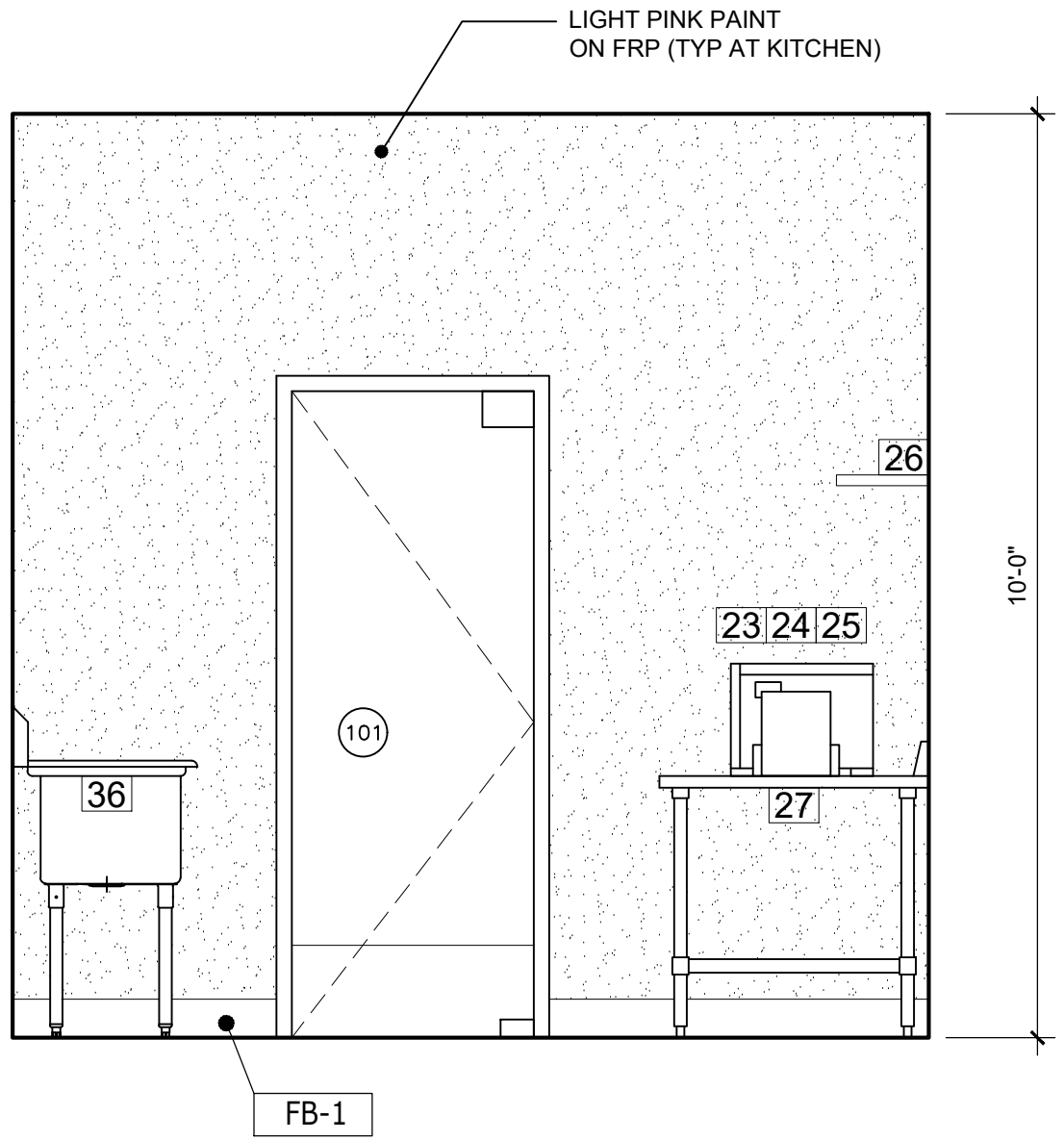
1 INTERIOR ELEVATION
SCALE: 1/2\"/>



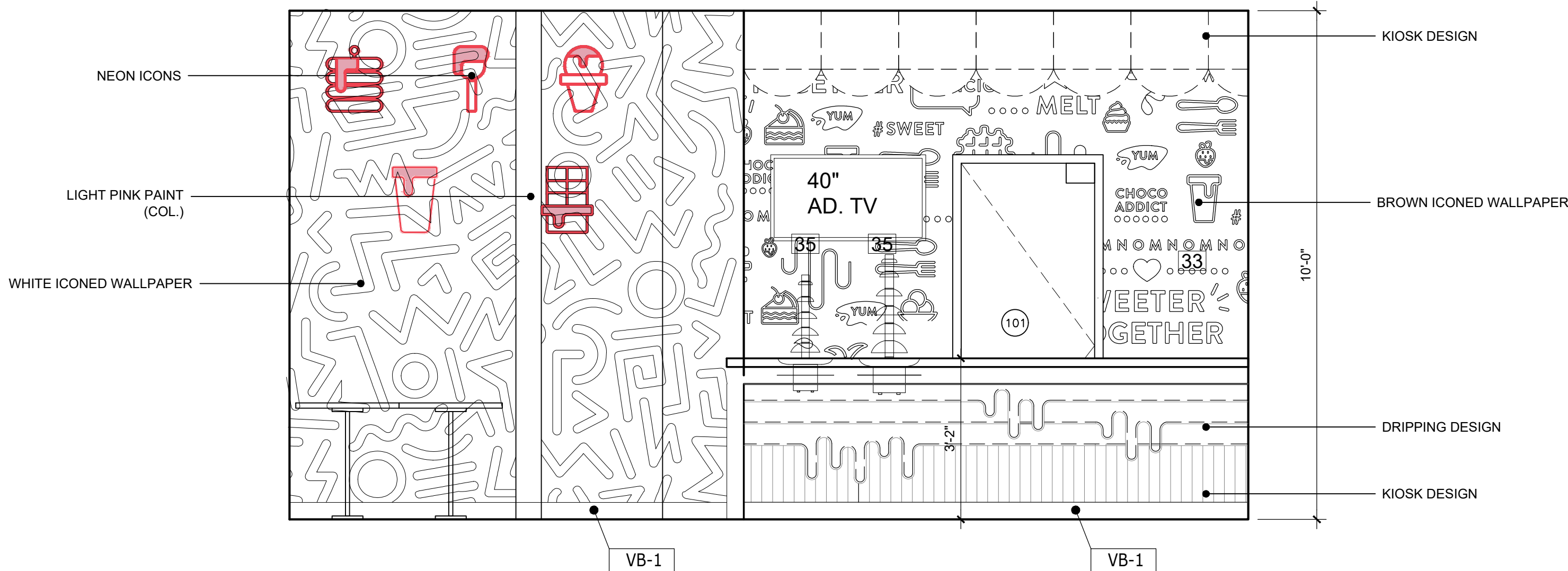
- SEE CHOCOLATE BASH DESIGNER DRAWINGS FOR DETAILS
- COORDINATE ALL WALL PAPER AND ICON DECOR WITH TENANT
- PROVIDE PROPER 2x BLOCKING AT ALL MOUNTED ACCESSORIES.
- GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS.
- PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTER / EQUIPMENT ABUTS WALL SURFACE.
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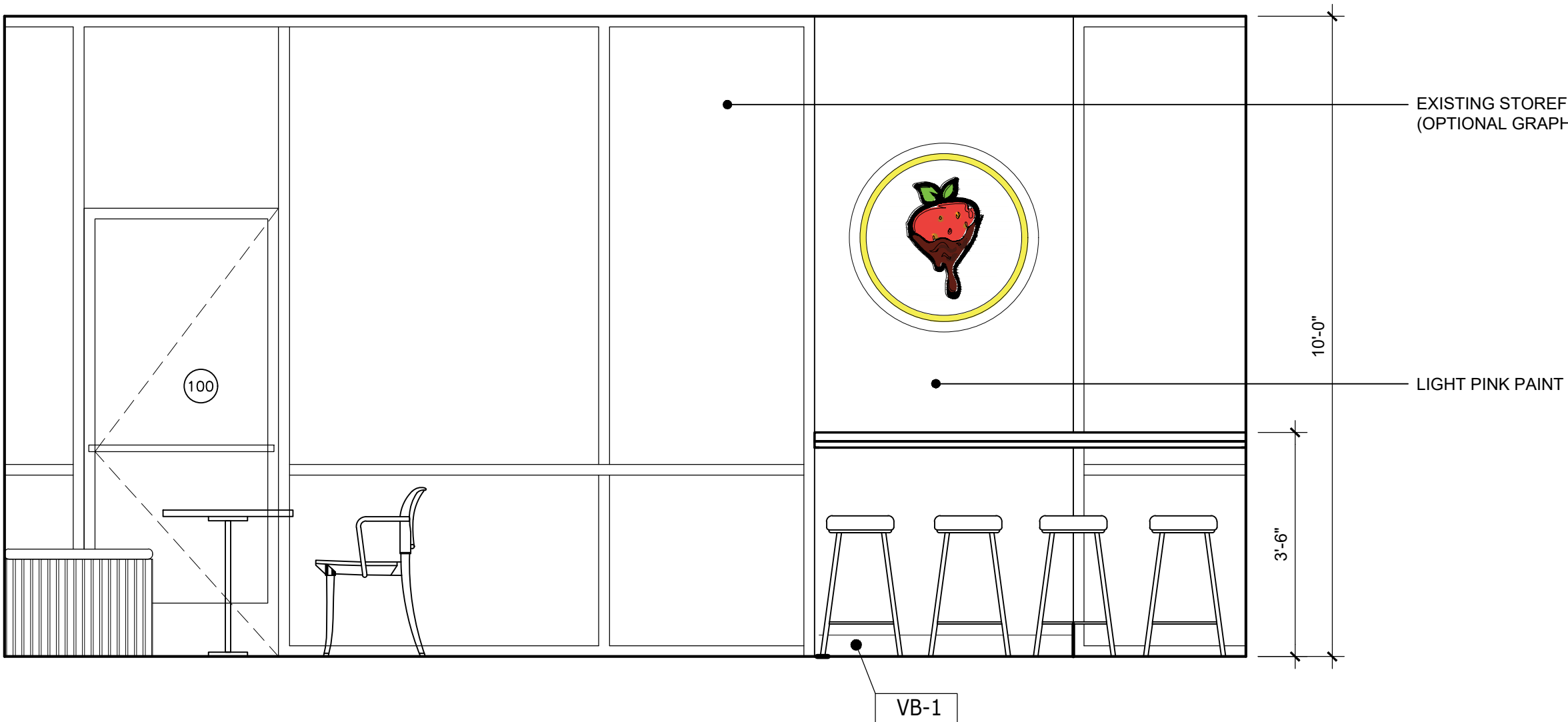
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3 INTERIOR ELEVATION
SCALE: 1/2"= 1'-0"



2 INTERIOR ELEVATION
SCALE: 1/2"= 1'-0"



1 INTERIOR ELEVATION
SCALE: 1/2"= 1'-0"

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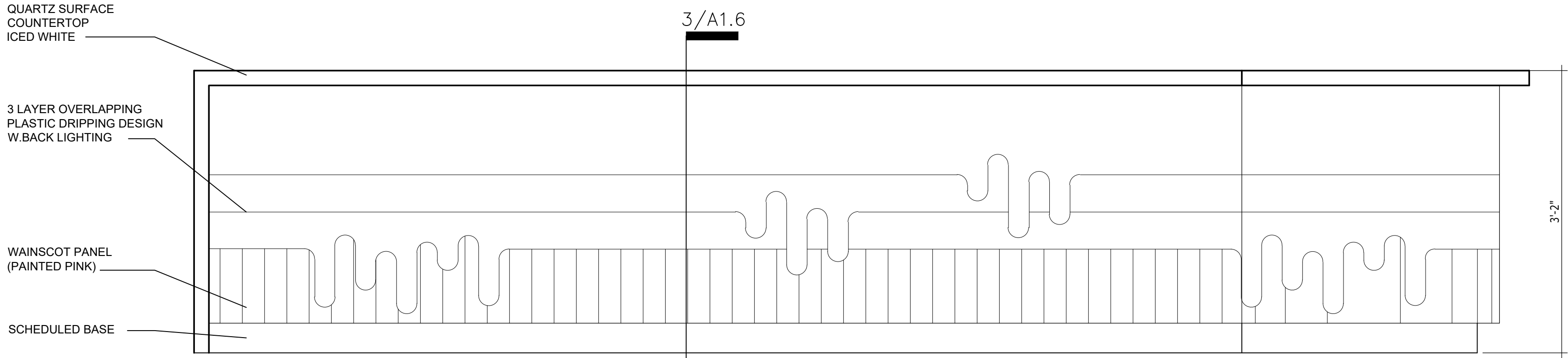
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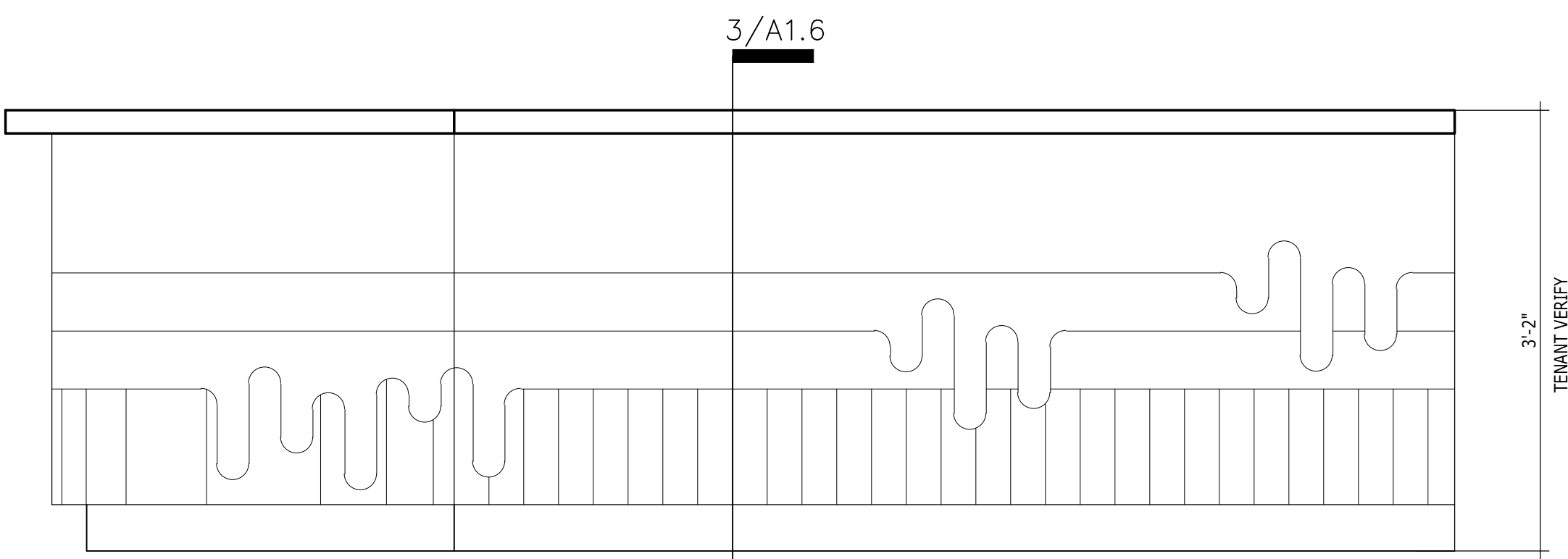
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INTERIOR ELEVATIONS

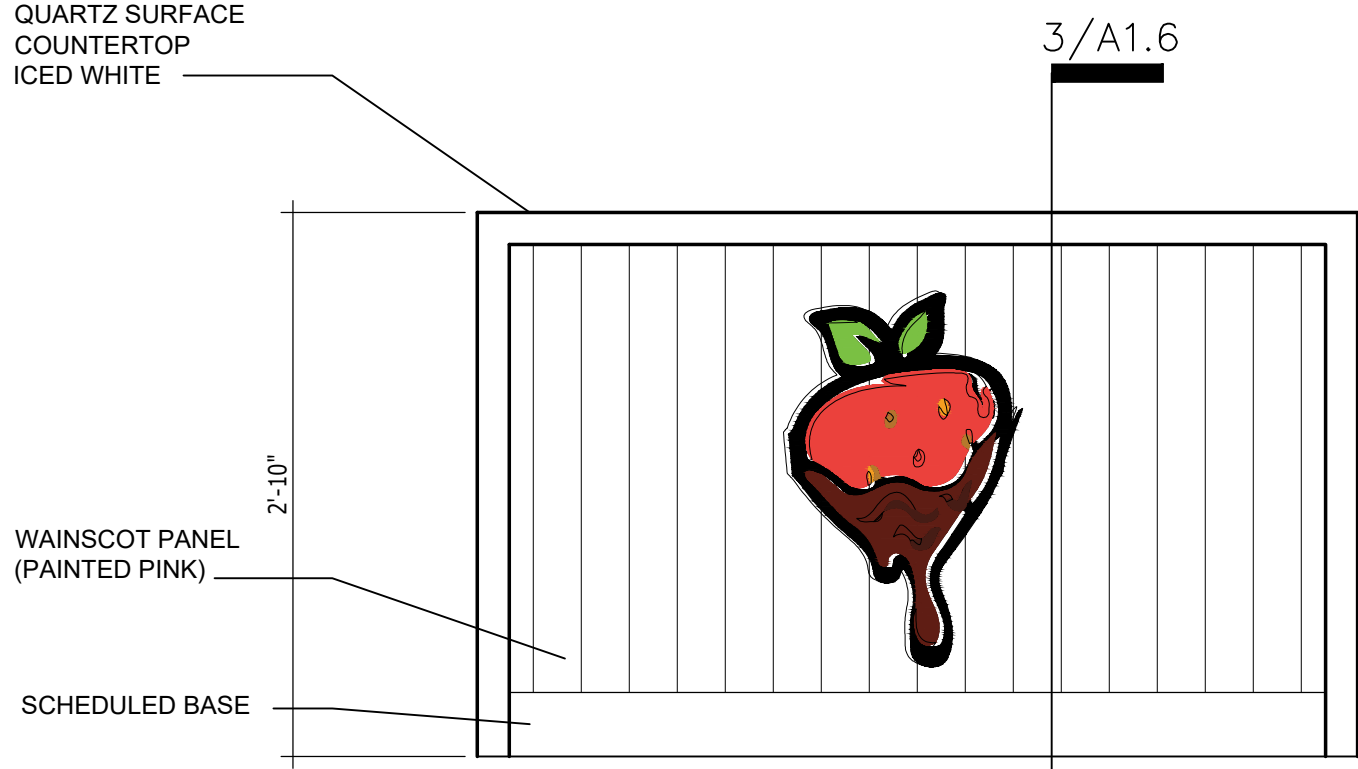
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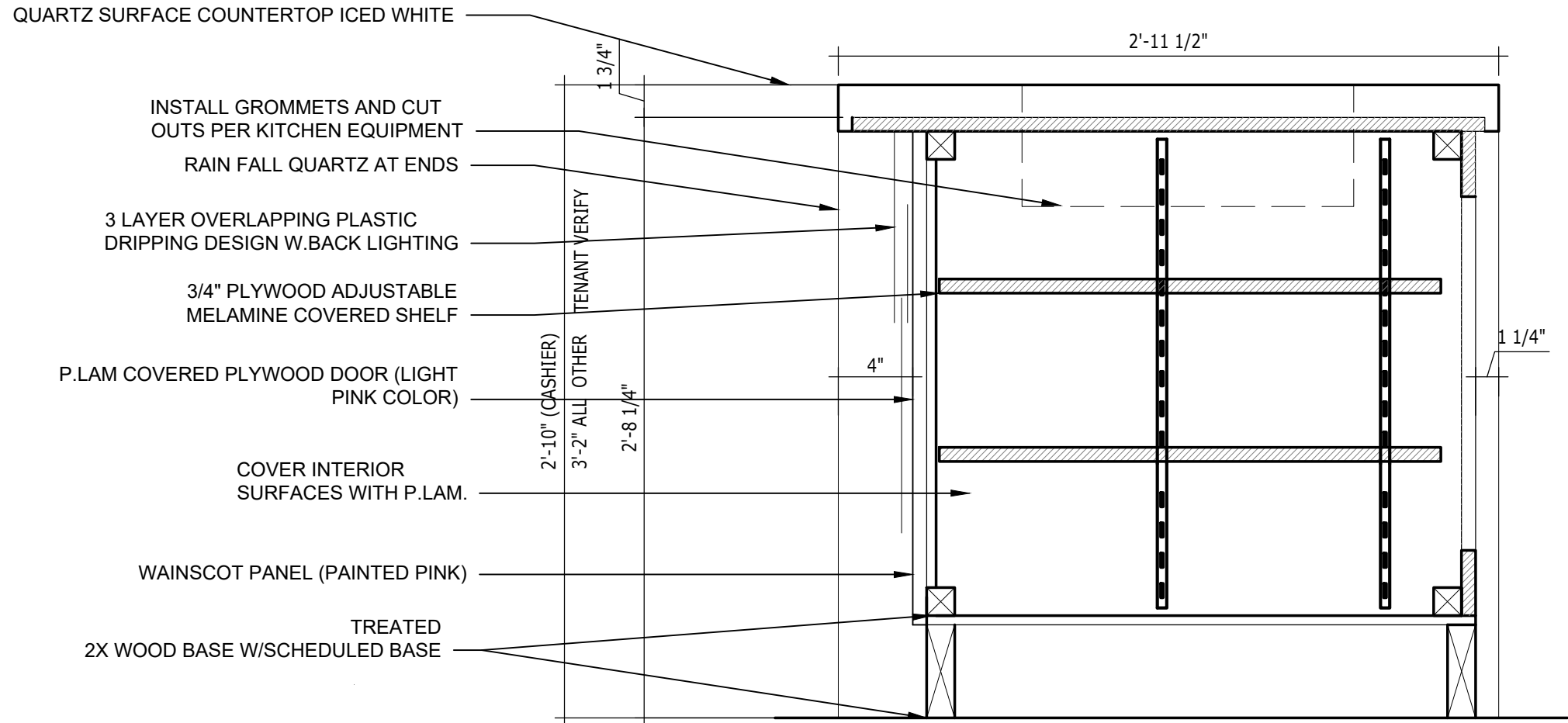
5 ELEVATION (PREP)
SCALE: 1"= 1'-0"



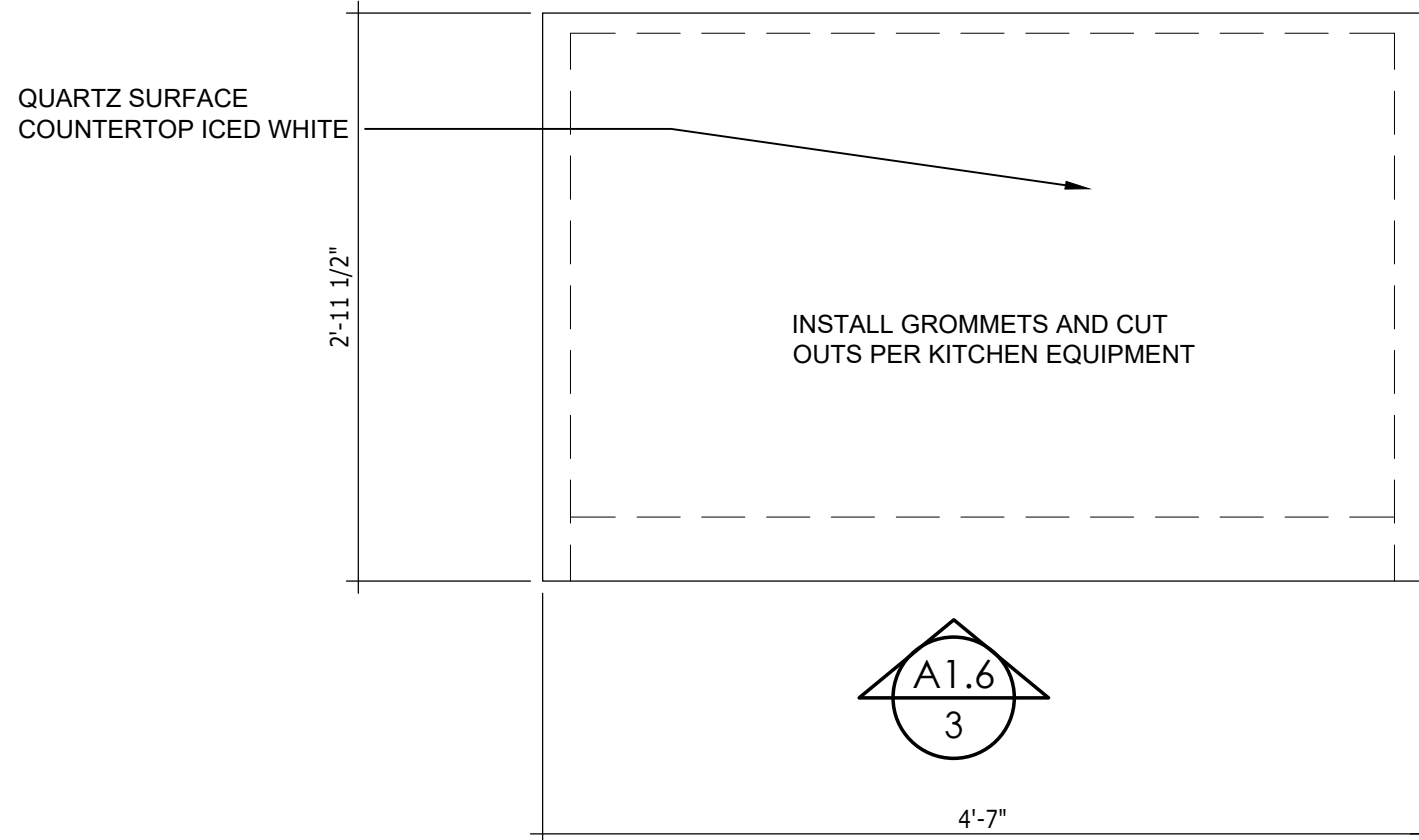
4 ELEVATION (PREP)
SCALE: 1"= 1'-0"



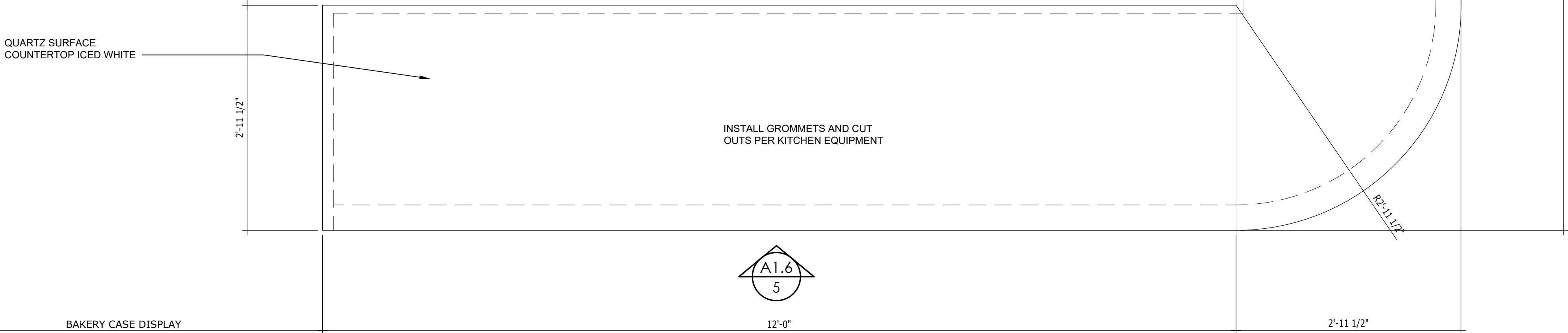
3 ELEVATION (CASHIER)
SCALE: 1"= 1'-0"



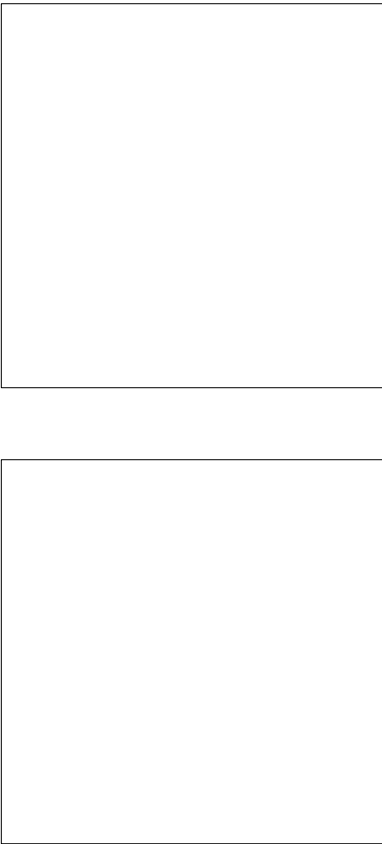
3 DETAIL
SCALE: 1'-1/2"= 1'-0"



2 CUSTOMER CASHIER COUNTER
SCALE: 1"= 1'-0"



1 CUSTOMER PREP COUNTER
SCALE: 1"= 1'-0"



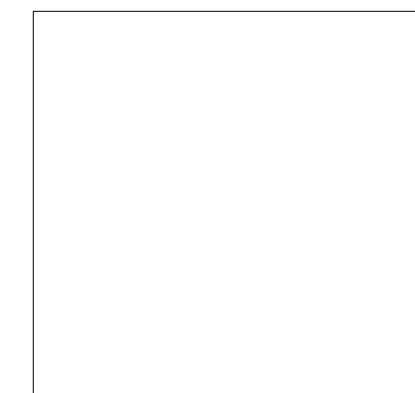
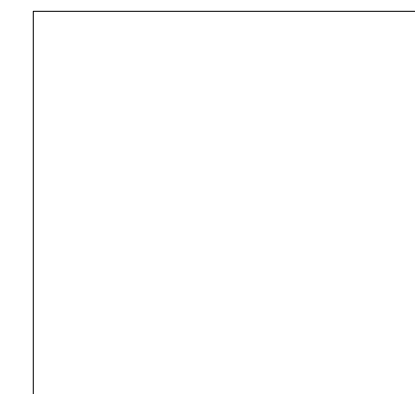
TENANT TO USE LANDLORD'S REQUIRED ROOFER FOR ALL ROOF PENETRATIONS.

TENANT SHALL VERIFY EXACT LOCATION AND SUPPORT OF ROOFTOP MOUNTED EQUIPMENT WITHIN THE BUILDING'S MECHANICAL LOADING ZONE. IF THE TENANT'S EQUIPMENT WILL BE OUTSIDE OF THE MECHANICAL LOADING ZONE, THE TENANT'S STRUCTURAL ENGINEER SHALL DESIGN, AND TENANT SHALL DESIGN/INSTALL ALL ADDITIONAL STRUCTURAL SUPPORT REQUIRED. TENANT WILL PROVIDE THE ENGINEER WITH EXACT WEIGHTS AND LOCATIONS OF ALL EQUIPMENT FOR THE ENGINEER'S RECOMMENDATIONS, REVIEW, AND APPROVAL.

ROUTE CONDENSATE DRAIN LINES THROUGH ROOF TO INTERNAL DRAIN LINE WITHIN TENANT'S SPACE.

FRESH AIR INTAKES ARE TO BE A MINIMUM OF 15 FEET FROM ANY SANITARY SEWER VENT. INSTALL SLIP SHEETS UNDER ALL BLOCKING USED ON THE ROOF.

HVAC - MUST LABEL RTU'S WITH SUITE NUMBER



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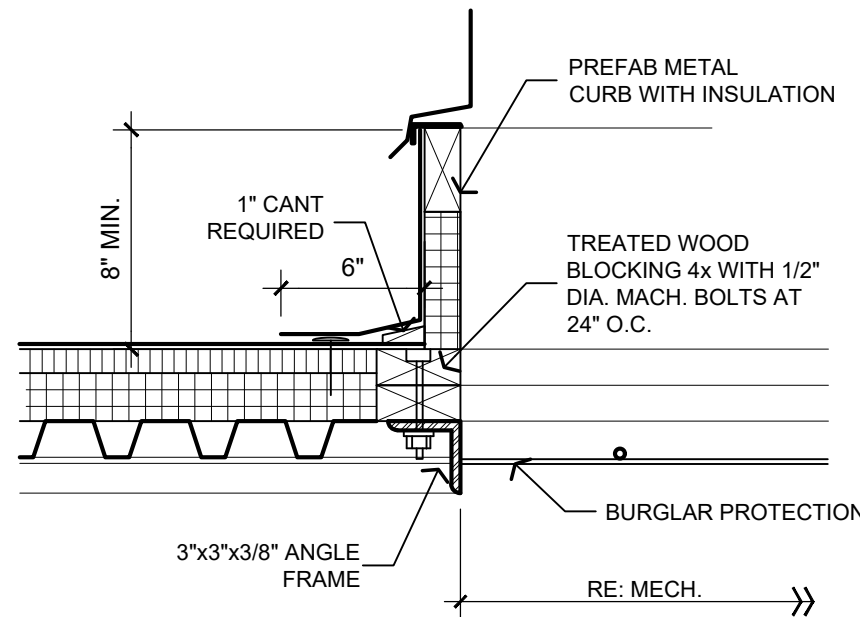
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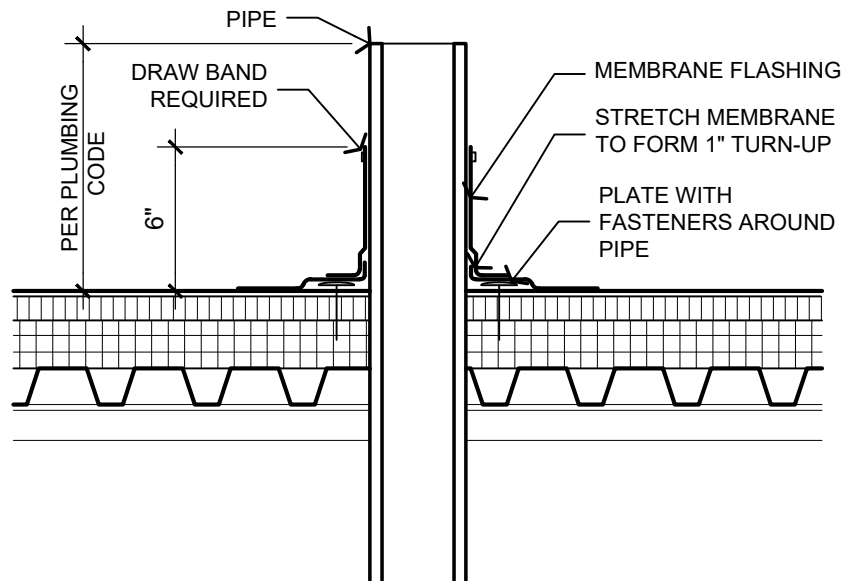
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ROOF PLAN

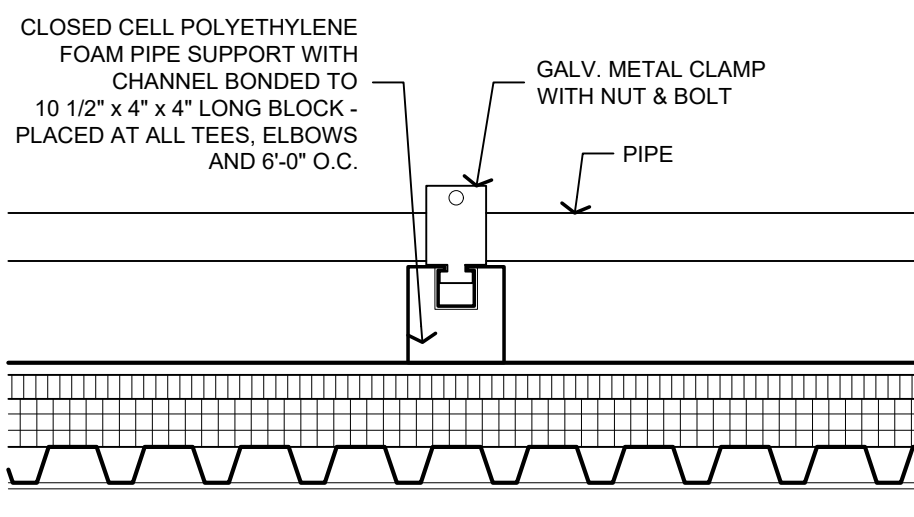
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A/C CURB FLASHING
1 1/2" = 1'-0"

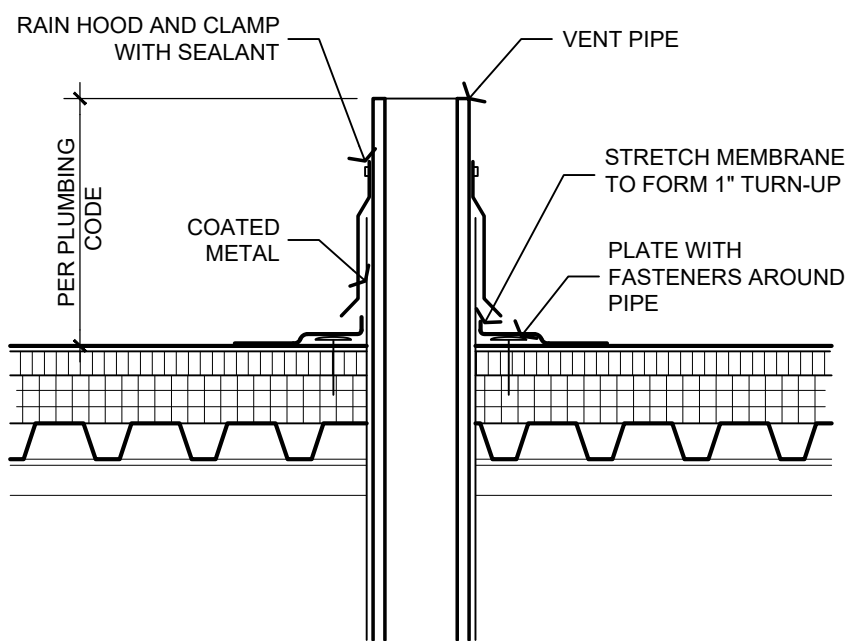


VENT PIPE FLASHING
1 1/2" = 1'-0"



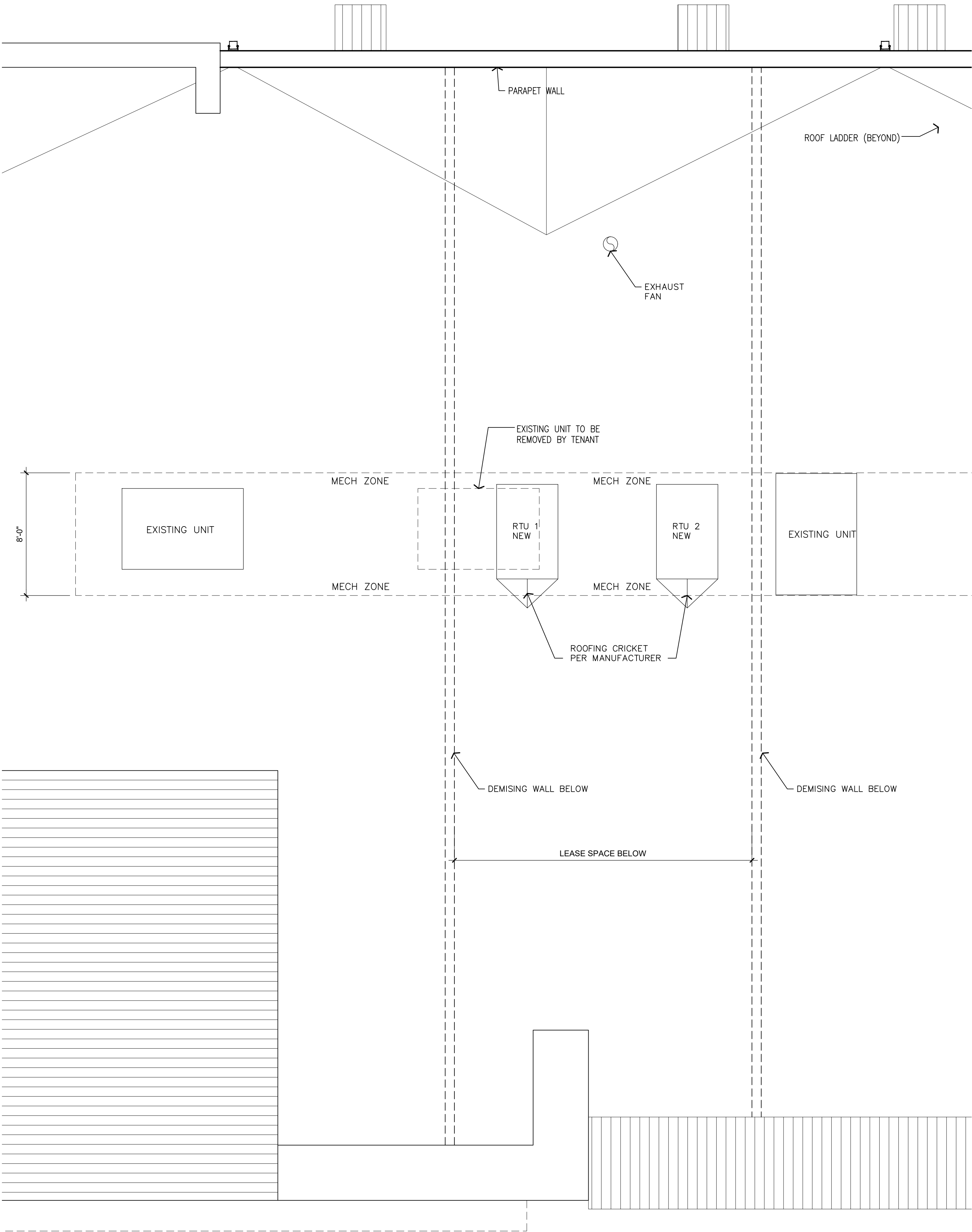
PIPE SUPPORT
1 1/2" = 1'-0"

NOTE: PROVIDE ROLLER TYPE SUPPORTS AT 12'-0" O.C. FOR ALL GAS PIPING EXCEEDING 2" DIA. AND PROVIDE WALK PAD UNDER EACH ROLLER SUPPORT.



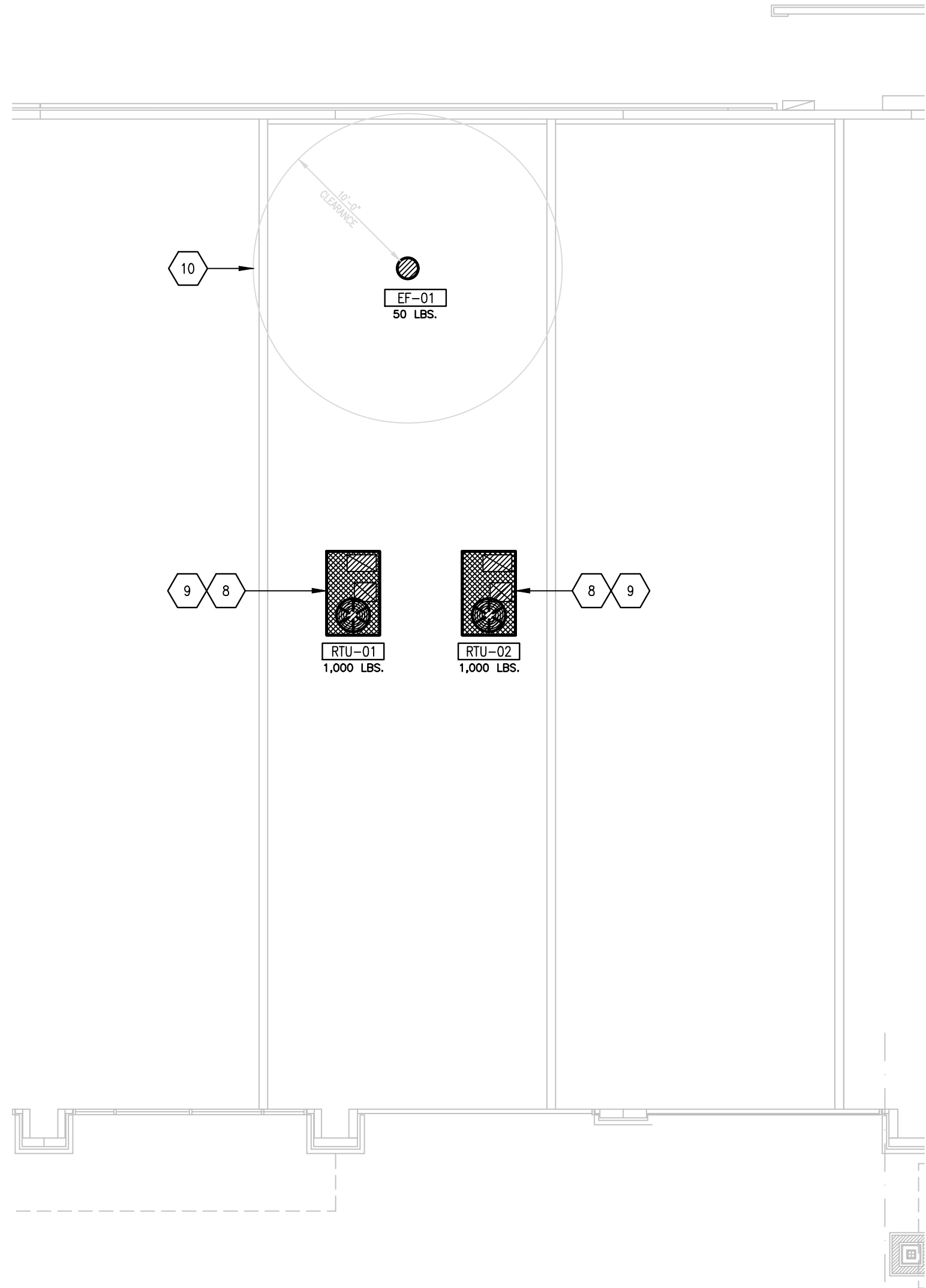
WARM VENT PIPE FLASHING
1 1/2" = 1'-0"

2 ROOF DETAILS
SCALE: 1-1/2" = 1'-0"

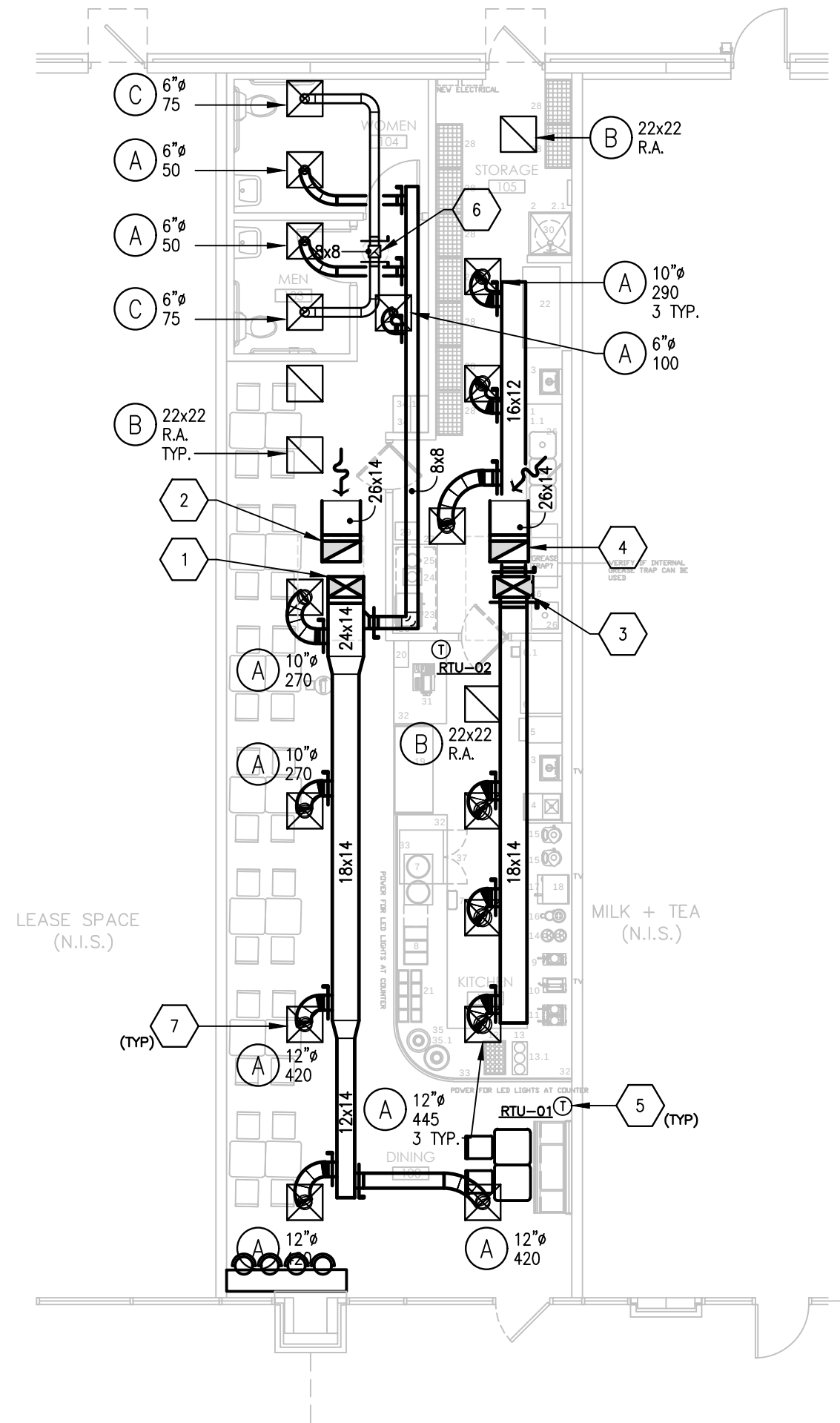


1 ROOF PLAN
SCALE: 1/4" = 1'-0"





MECHANICAL ROOF PLAN
SCALE: 1/8" = 1'-0"



MECHANICAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

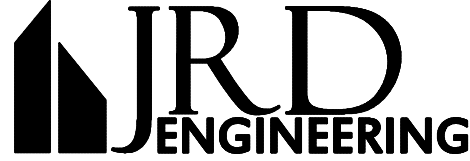
- ALL WORK TO MEET WITH THE 2021 INTERNATIONAL MECHANICAL AND BUILDING CODE REQUIREMENTS.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL PLANS.
- MECHANICAL CONTRACTOR TO VERIFY EXACT PLACEMENT OF SUPPLY & RETURN AIR DEVICES WITH REFLECTED CEILING LIGHTING LOCATIONS AND ARCHITECTURAL DRAWINGS FOR STRUCTURE TYPE.
- DO NOT SCALE THESE DRAWINGS FOR DIMENSIONAL INFORMATION. IF THERE IS A CONFLICT WITH THE PLAN DIMENSIONS OR AN EXISTING FIELD CONTACT ARCHITECT.
- COORDINATE ALL WORK WITH EACH SUB CONTRACTOR AND GENERAL CONTRACTOR AND GENERAL CONTRACTOR CONTRACTOR (STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING) PRIOR TO INSTALLATION AND CONNECTION OF EQUIPMENT.
- MEASURE TO CENTER OF THE GRILLE LOCATIONS TO DETERMINE DISTANCES. GRILLES SHALL BE LOCATED WHERE SHOWN ON THE PLAN. GENERAL CONTRACTOR SHALL FRAME TO ACCOMMODATE.
- RTU TO BE MOUNTED ON ROOF CURB AS PER DETAIL. PROVIDE PROPER CLEARANCES AS REQUIRED BY LOCAL CODE. PROVIDE ACCESS DOOR FOR MAINTENANCE OF UNIT. COORDINATE STYLE AND SIZE WITH ARCHITECT. PROVIDE MECHANICAL EQUIPMENT ACCESSIBILITY IN ACCORDANCE WITH SEC. 306 OF THE I.M.C. 2021 EDITION.
- PROVIDE VOLUME DAMPER AT SPIN-IN CONNECTION OF DIFFUSER OR BRANCH, INCLUDING THOSE CONNECTING TO BOTTOM OF MAIN TRUNK.
- MAXIMUM ALLOWABLE FLEXIBLE DUCT LENGTH TO DIFFUSER IS 6'-0". COORDINATE FINAL LOCATION OF THERMOSTATS WITH OWNER/ ARCHITECT.
- INSTALL DUCTWORK AS HIGH AS POSSIBLE.

KEYED NOTES

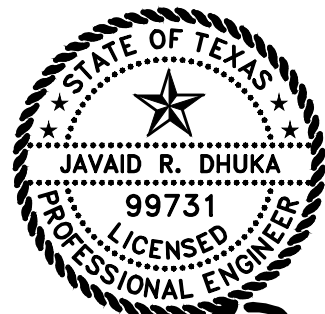
- 24x14 SUPPLY AIR DUCT UP TO RTU-01 ON ROOF. TRANSITION DUCTWORK AS REQUIRED TO CONNECT TO ROOF CURB OPENING.
- 26x14 RETURN AIR DUCT UP TO RTU-01 ON ROOF. TRANSITION DUCTWORK AS REQUIRED TO CONNECT TO ROOF CURB OPENING.
- 26x14 SUPPLY AIR DUCT UP TO RTU-02 ON ROOF. TRANSITION DUCTWORK AS REQUIRED TO CONNECT TO ROOF CURB OPENING.
- 26x14 RETURN AIR DUCT UP TO RTU-02 ON ROOF. TRANSITION DUCTWORK AS REQUIRED TO CONNECT TO ROOF CURB OPENING.
- PROVIDE AND INSTALL PROGRAMMABLE THERMOSTAT. MOUNT PER ADA REQUIREMENTS. COORDINATE FINAL LOCATION WITH OWNER AND ARCHITECT. TYPICAL ALL THERMOSTATS.
- 8x8 EXHAUST DUCT UP TO EF-01 ON ROOF. TRANSITION AS REQUIRED TO CONNECT TO ROOF CURB OPENING.
- COORDINATE SUPPLY AIR TAP LOCATION WITH LIGHTING/ UTILITIES IN SPACE.
- ROUTE CONDENSATE DRAIN LINE TO NEAREST ROOF DRAIN. SIZE PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE IONIZATION DETECTOR MOUNTED IN SUPPLY AIR DUCT. UPON DETECTION OF SMOKE UNIT SHALL BE SHUT DOWN. (2,000 CFM OR GREATER TYPICAL ALL RTU'S).
- PROVIDE 10'-0" CLEARANCE AS REQUIRED PER 2024 INTERNATIONAL MECHANICAL CODE.

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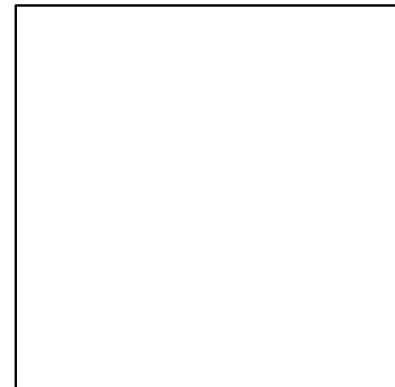
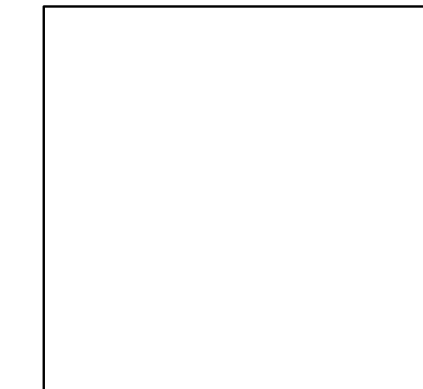
M/E/P/ ENGINEER:
JRD Engineering



REGISTRATION NUMBER F-10429
5711 MISTY BRIAR COURT
SUGAR LAND, TEXAS 77479
TEL: (713) 367-3132



Javid R. Dhuka
07/28/2026



OSBORN & VANE ARCHITECTS

2000 Bering Drive, Suite 410
Houston, Texas 77057
713 781 5282
Fax 713 781 5347
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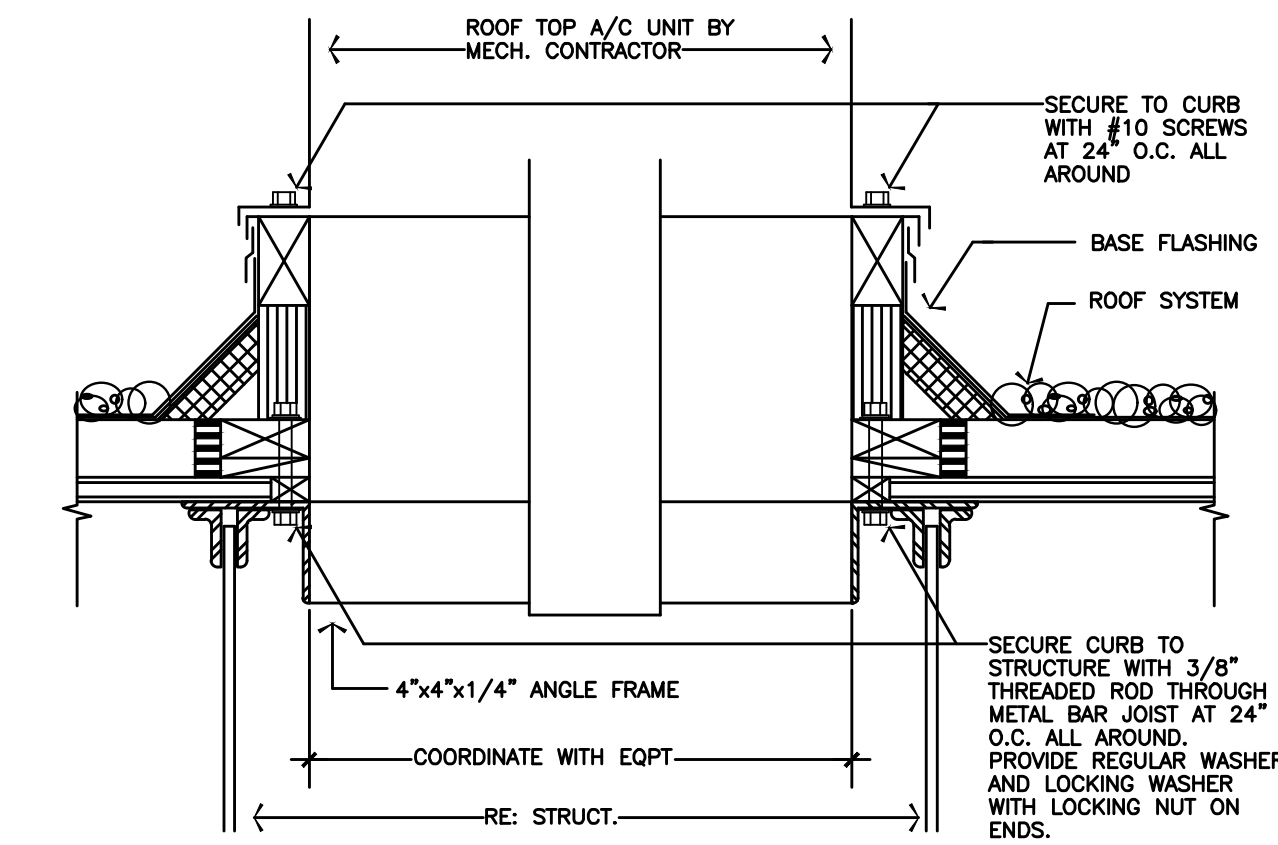
MECHANICAL FLOOR AND ROOF PLAN

STONE HILL TOWN CENTER
CHOCOLATE BASH

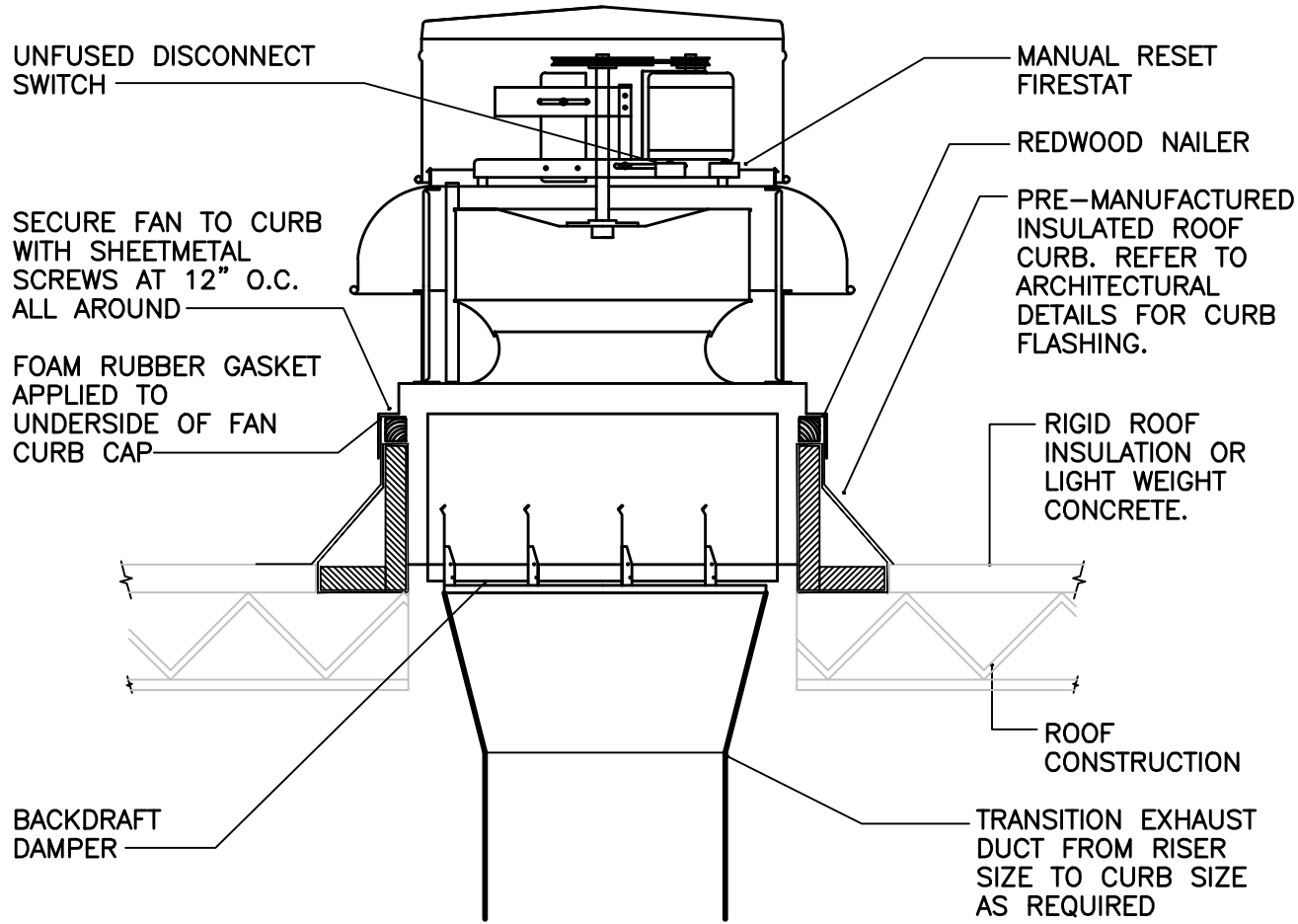
1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

Project No. 2607
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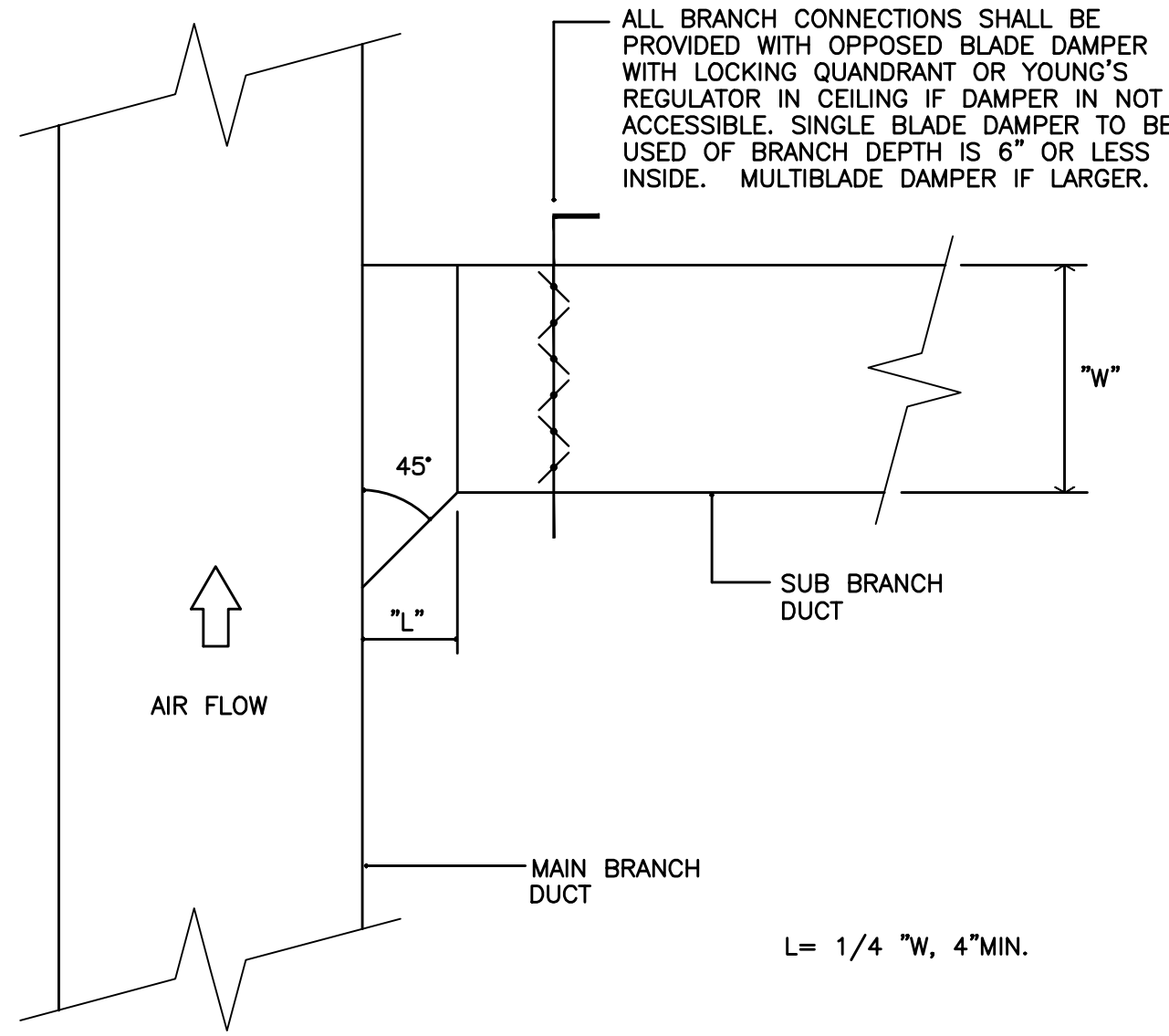
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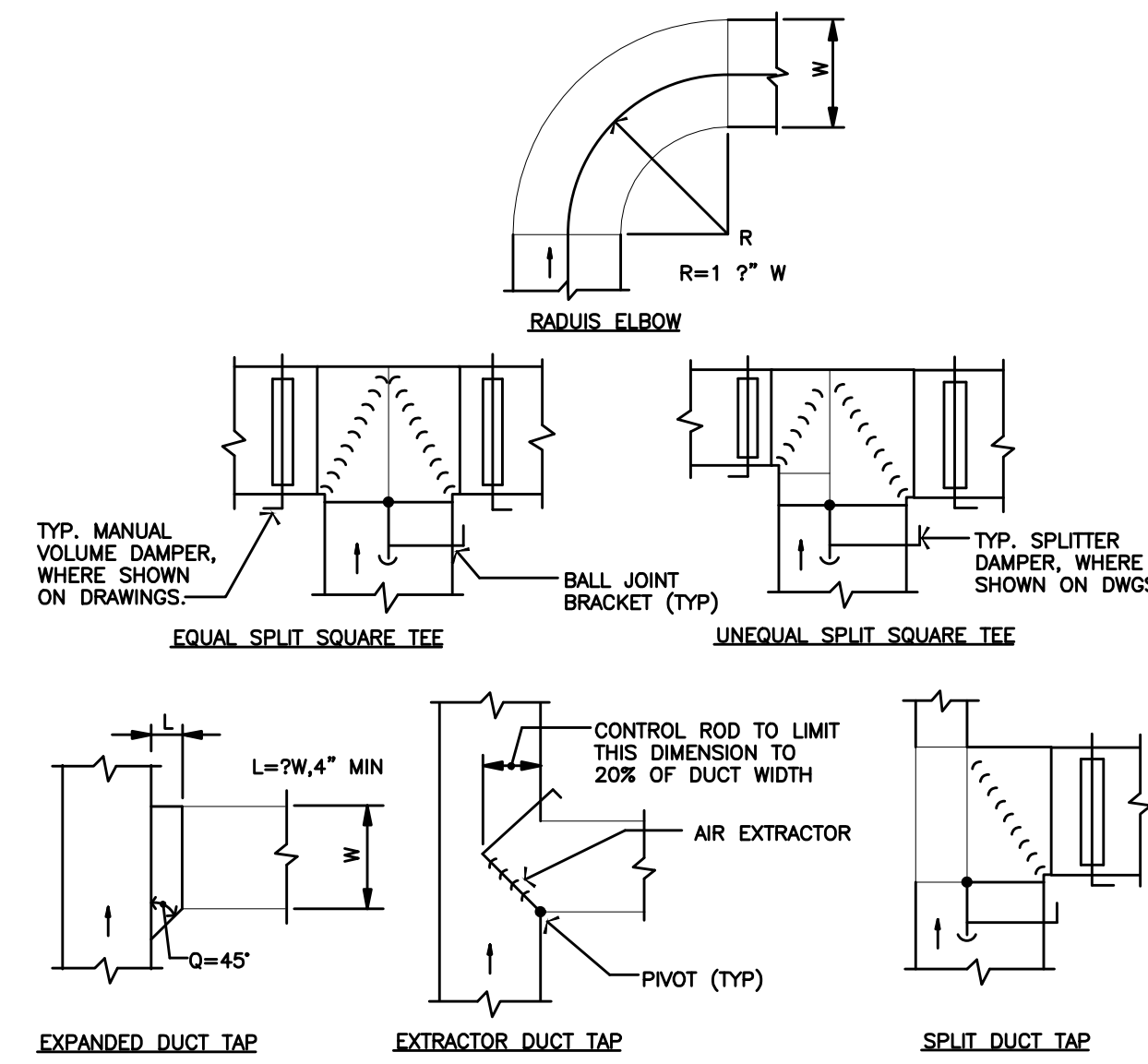
12 ROOF CURB DETAIL
NO SCALE



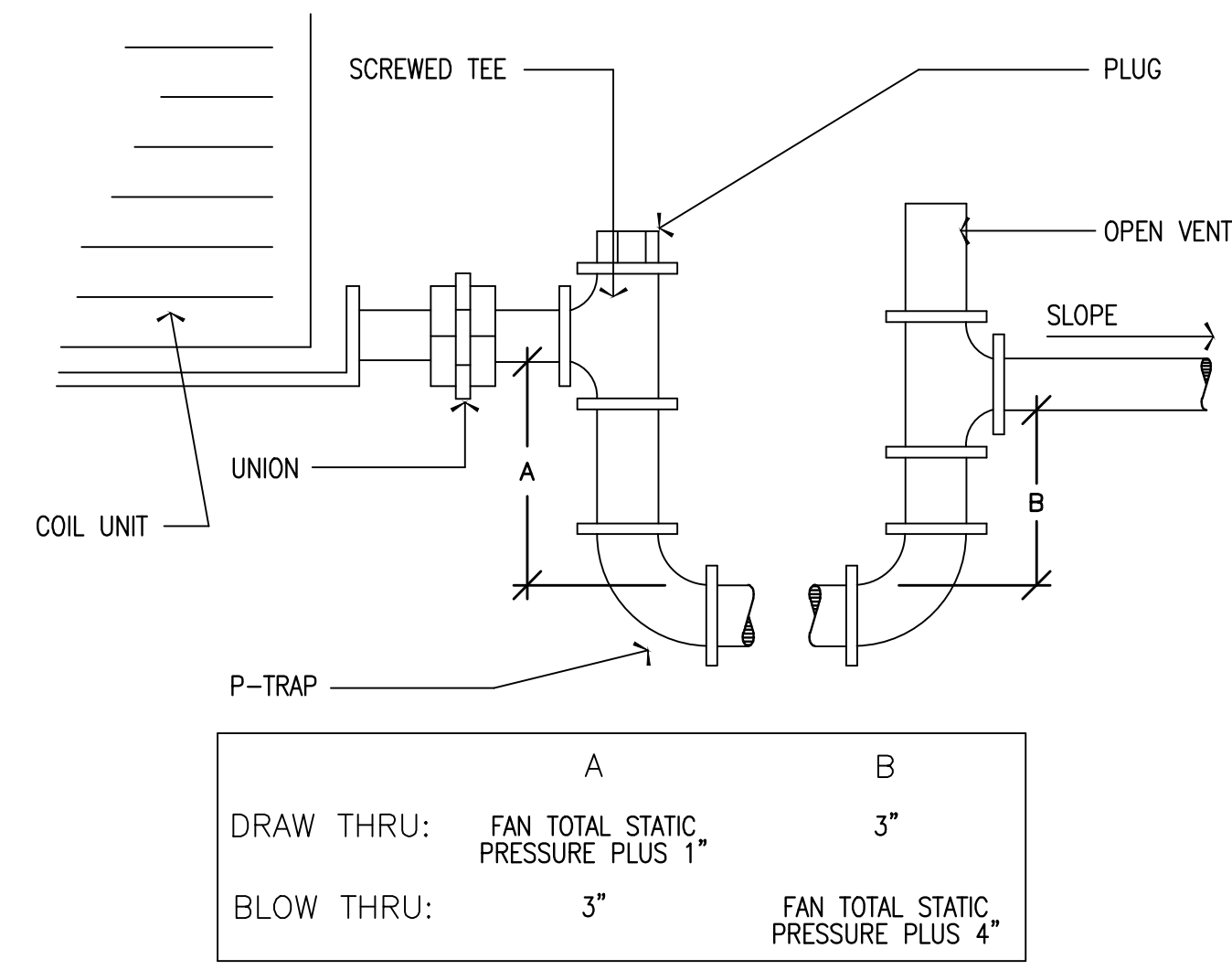
09 DOWNBLAST ROOF EXHAUST FAN
NO SCALE



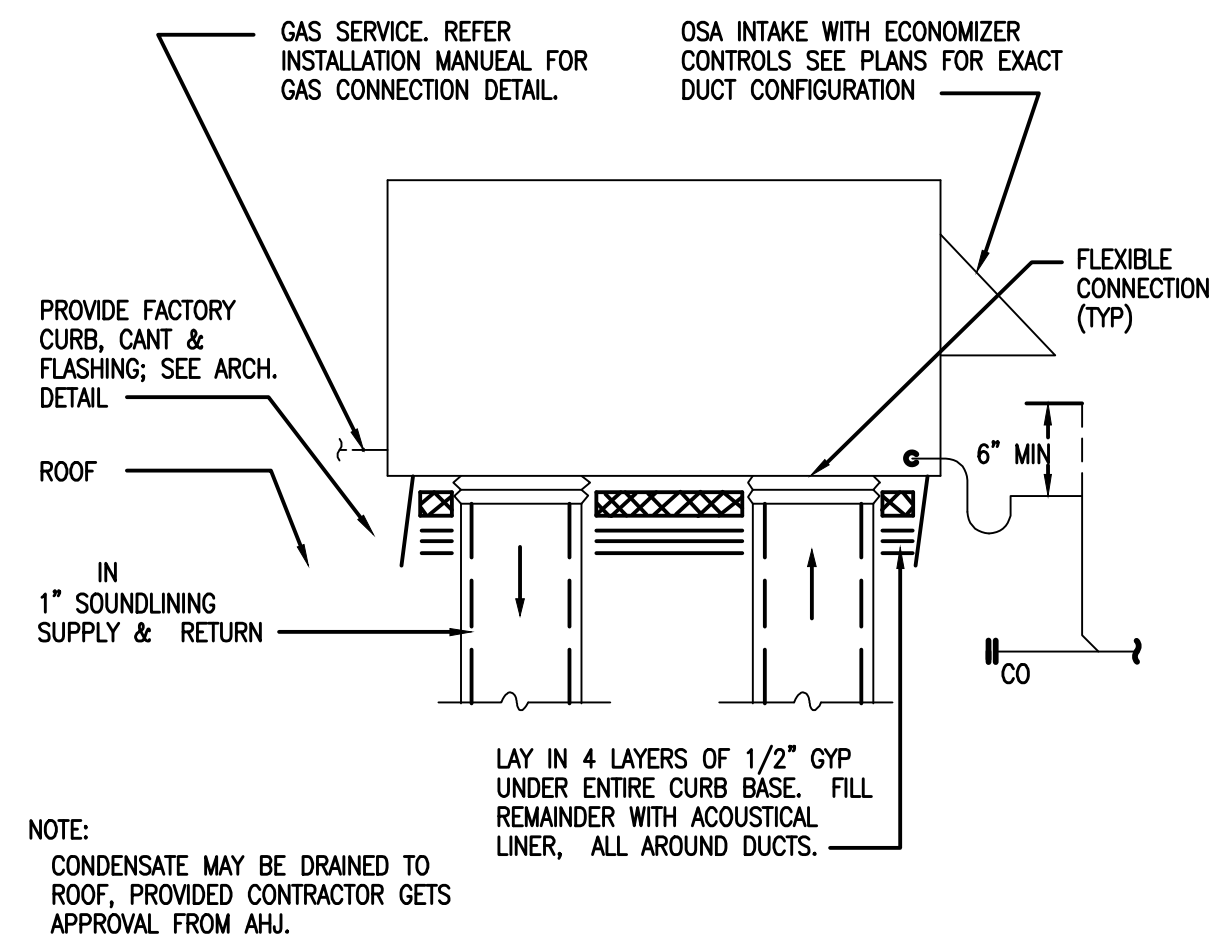
06 RECTANGULAR BRANCH DUCT
NO SCALE



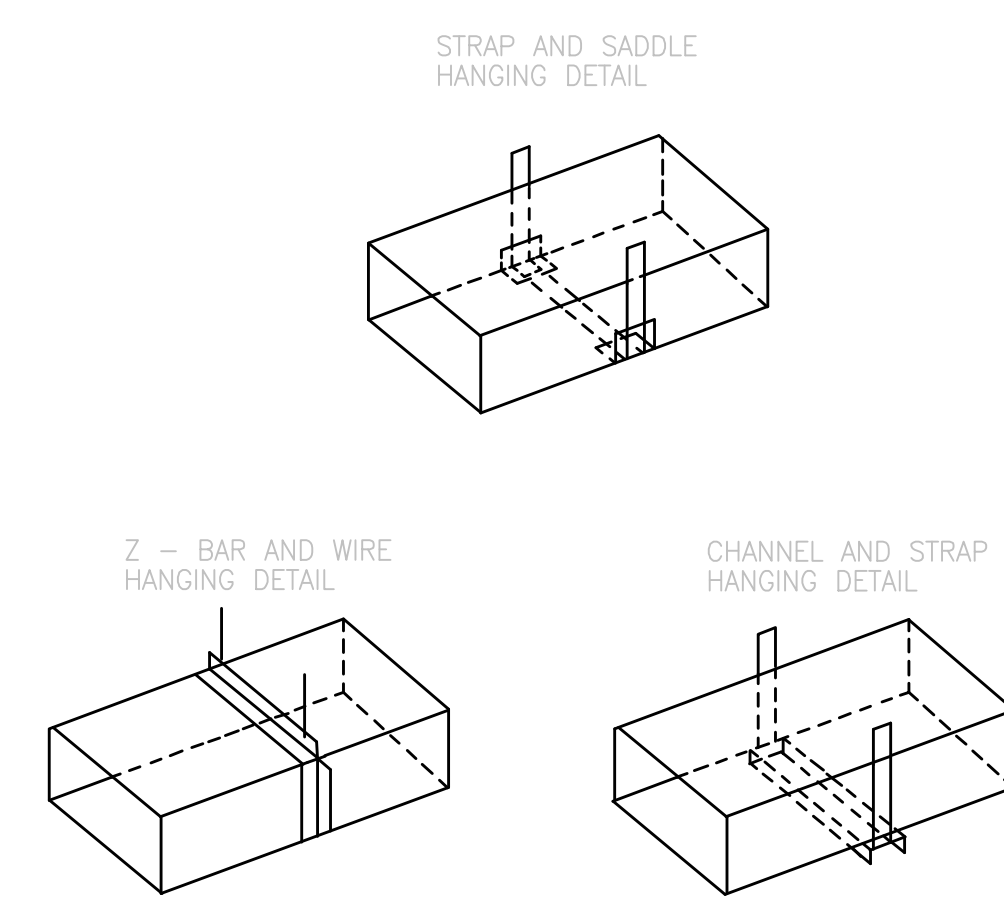
03 TYPICAL DUCT FITTINGS
NO SCALE



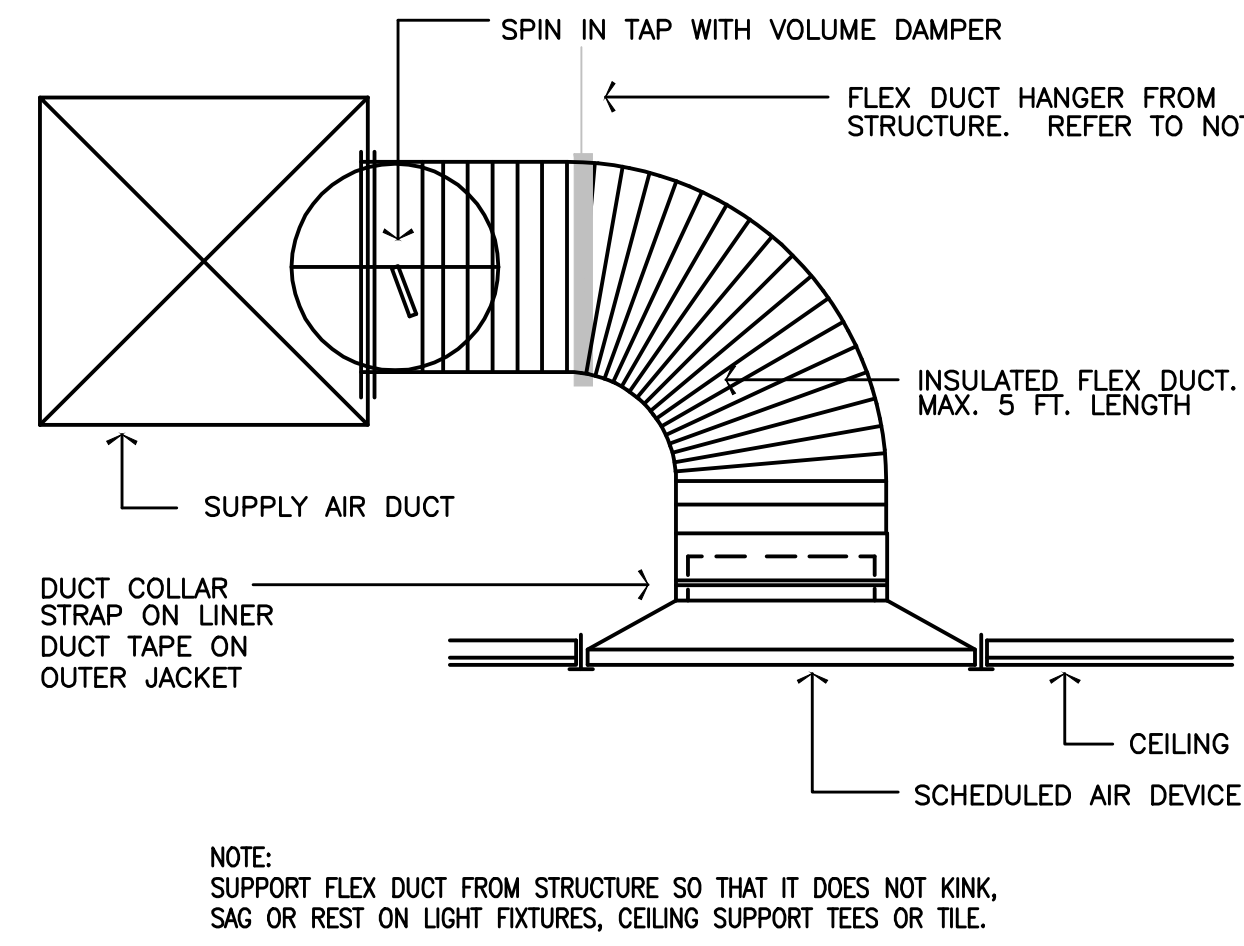
11 AIR HANDLER CONDENSATE DRAIN
NO SCALE



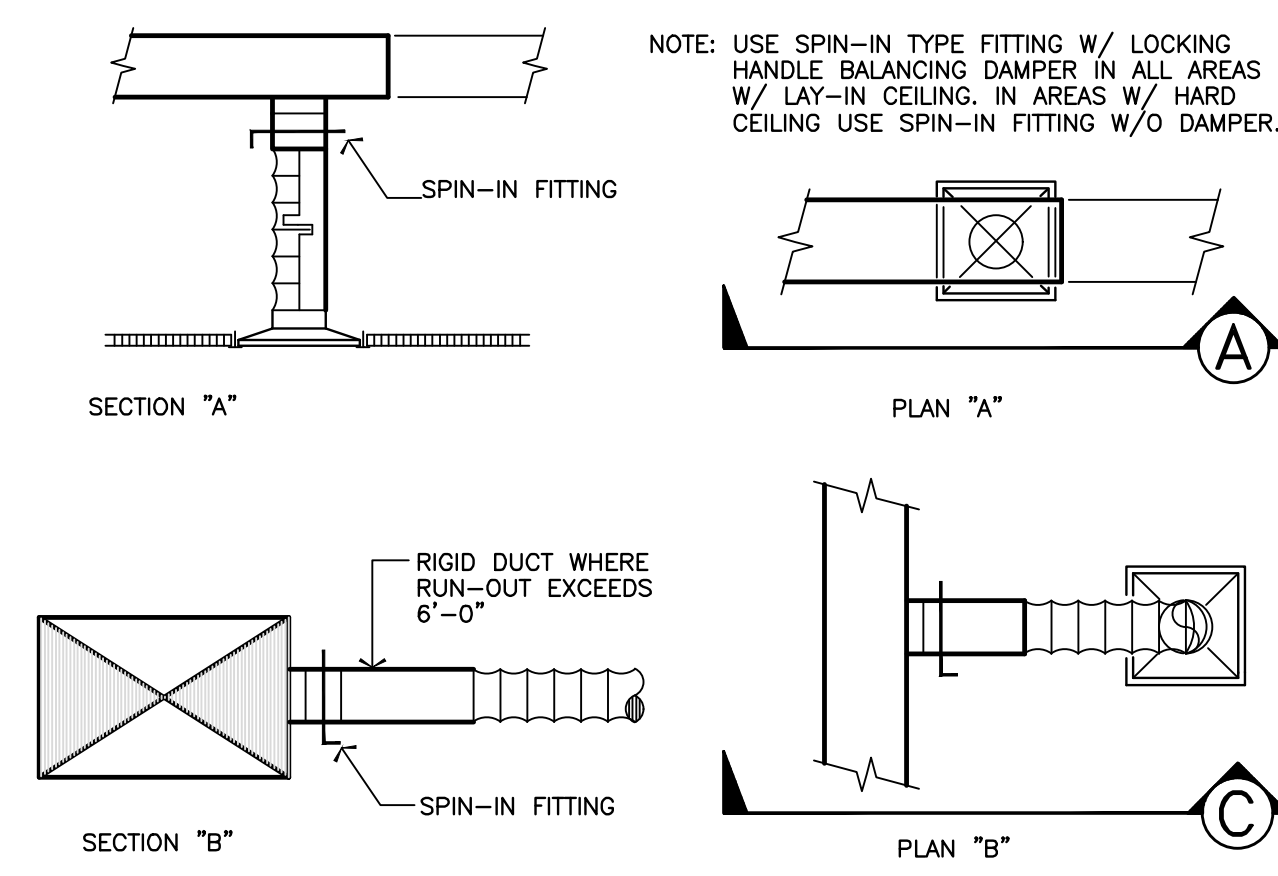
08 ROOF TOP UNIT DETAIL
NO SCALE



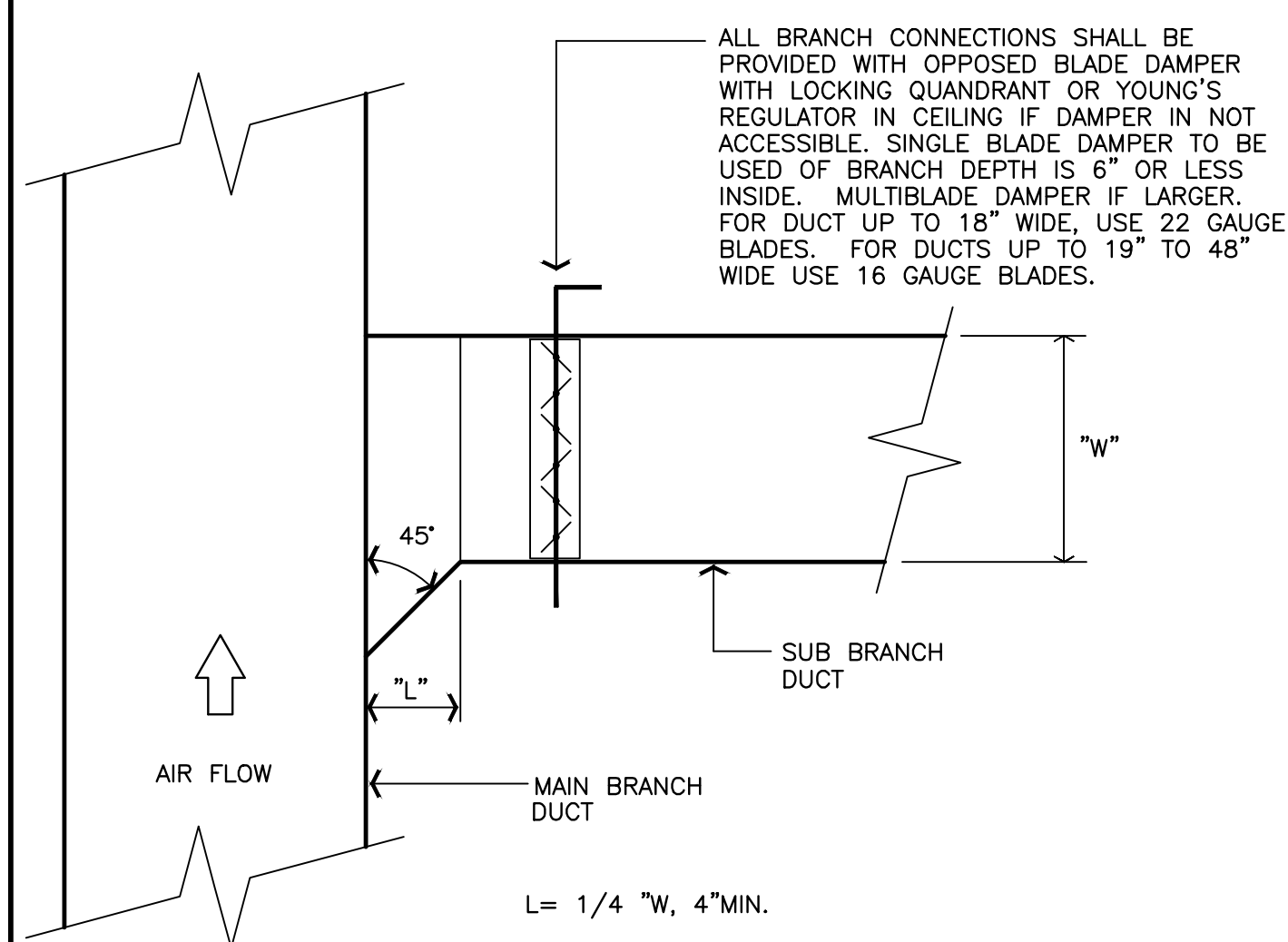
05 DUCT HANGING DETAILS
NO SCALE



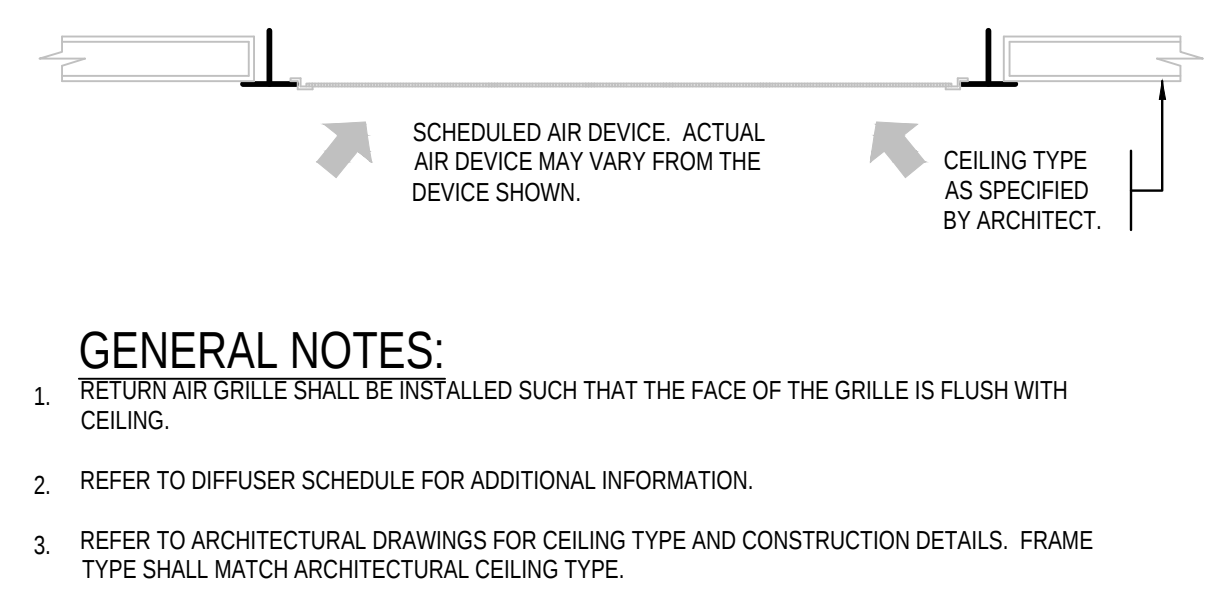
02 AIR DIFFUSER CONNECTION
NO SCALE



10 DIFFUSER CONNECTION DETAIL
NO SCALE



07 BRANCH DUCT DETAIL
NO SCALE



04 CEILING RETURN GRILLE DETAIL
NO SCALE

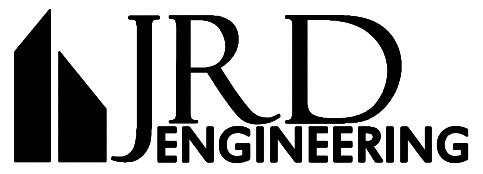
BRANCH DUCT SIZE CHART	
DUCT SIZE	CFM RANGE
6" DIA.	0 - 80 CFM
8" DIA.	85 - 175 CFM
10" DIA.	180 - 320 CFM
12" DIA.	325 - 550 CFM
14" DIA.	555 - 825 CFM
16" DIA.	830 - 1200 CFM

CEILING DIFFUSER NECK CHART	
NECK SIZE	CFM RANGE
6" DIA.	0 - 80 CFM
8" DIA.	85 - 175 CFM
10" DIA.	180 - 320 CFM
12" DIA.	325 - 550 CFM
14" DIA.	555 - 825 CFM
16" DIA.	830 - 1200 CFM

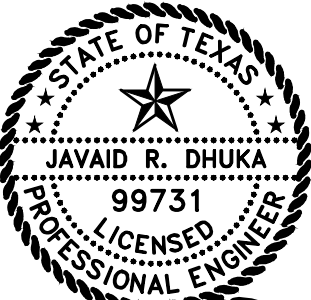
01 BRANCH AND NECK DUCT SIZING CHART
NO SCALE

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REGISTRATION NUMBER F-10429
5711 MISTY BRIAR COURT
SUGAR LAND, TEXAS 77479
TEL: (713) 367-3132



Javair R. Dhuka
07/28/2026

OSBORN & VANE ARCHITECTS

2000 Bering Drive, Suite 410
Houston, Texas 77057
713 781 5282
Fax 713 781 5347
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MECHANICAL DETAILS

STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

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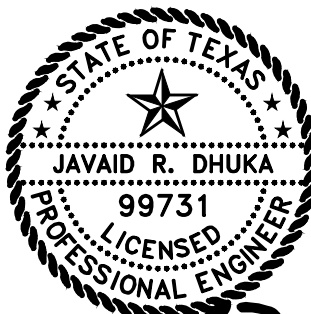
M301

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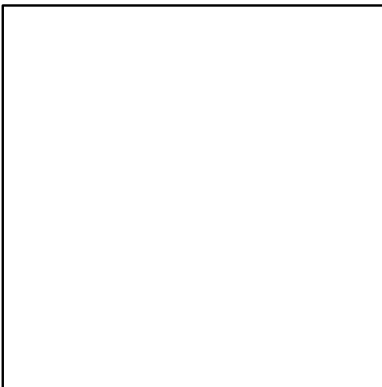
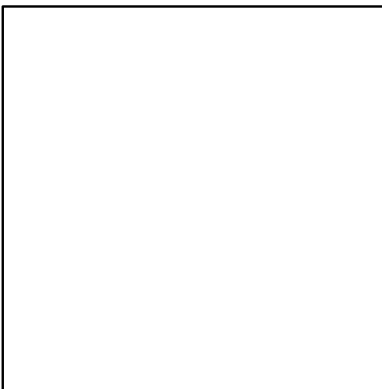
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OSBORN & VANE ARCHITECTS 

2000 Bering Drive, Suite 410
Houston, Texas 77057
713 781 5282
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MECHANICAL SCHEDULES SHEET

STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

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Sheet No.

M401

FAN SCHEDULE

DESIGNATION	EF-01
LOCATION OF FAN	ROOF
FUNCTION	EXHAUST
TYPE	ROOF DOWNBLAST
FAN DATA	
DRIVE	DIRECT
FLOW RATE(CFM)	150 CFM
FAN S.P. ("WG)	0.500" WG
FAN SPEED (RPM)	
ELECTRICAL DATA	
INPUT POWER	1/4 HP
V/PH/Hz	115/1/60
SPEED CONTROLLER	YES
FACTORY DISCONNECT	YES
DAMPER	
TYPE	BACKDRAFT
LOCATION	INTAKE
OPERATION	GRAVITY
MOUNTING	
METHOD	ROOF
PROVIDED	WITH FAN
BASIS OF SELECTION	
MODEL	GREENHECK
NOTE REFERENCE	1,2,3
ACCESSORIES	A
A.	PROVIDE FACTORY ROOF CURB
B.	—
NOTES:	
1.	PROVIDE ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION.
2.	INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3.	INTERLOCK WITH ROOM LIGHTS FOR ON/ OFF OPERATION.

AIR DEVICE SCHEDULE

TYPE	A
MFR/ MODEL:	TITUS MODEL TMS
MOUNTING TYPE 1:	BORDER TYPE 3 FOR LAY-IN CEILING
MOUNTING TYPE 2:	BORDER TYPE 1 FOR SURFACE MOUNTING
DESCRIPTION:	SQUARE ARCHITECTURAL CEILING SUPPLY
	AIR DIFFUSER STEEL CONSTRUCTION.
DIMENSIONS:	12"x12"/ 24"x24" FACE. ROUND NECK SIZE AS INDICATED ON DRAWING.
ACCESSORIES:	—
FINISH:	COORDINATE WITH ARCHITECT.
REMARKS:	—
TYPE	B
MFR/ MODEL:	TITUS MODEL PAR
MOUNTING TYPE 1:	BORDER TYPE 3 FOR LAY-IN CEILING
MOUNTING TYPE 2:	BORDER TYPE 1 FOR SURFACE MOUNTING
DESCRIPTION:	SQUARE PERFORATED FLUSH FACE CEILING
	RETURN AIR DIFFUSER STEEL CONSTRUCTION.
DIMENSIONS:	12"x12", 24"x24" FACE. SQUARE NECK SIZE AS INDICATED ON DRAWING.
ACCESSORIES:	—
FINISH:	COORDINATE WITH ARCHITECT.
REMARKS:	—
TYPE	C
MFR/ MODEL:	TITUS MODEL PAR
MOUNTING TYPE 1:	BORDER TYPE 3 FOR LAY-IN CEILING
MOUNTING TYPE 2:	BORDER TYPE 1 FOR SURFACE MOUNTING
DESCRIPTION:	SQUARE PERFORATED FLUSH FACE CEILING
	EXHAUST AIR DIFFUSER STEEL CONSTRUCTION.
DIMENSIONS:	12"x12", 24"x24" FACE. SQUARE NECK SIZE AS INDICATED ON DRAWING.
ACCESSORIES:	—
FINISH:	COORDINATE WITH ARCHITECT.
REMARKS:	—
REMARKS:	PROVIDE ALL MOUNTING APPURTENANCES REQUIRED. COORDINATE FRAME STYLE WITH EXACT CEILING AND WALL REQUIREMENTS.

AIR BALANCE

PROJECT:		CHOCOLATE BASH		DESIGNER:		RT		
SPACE	AHU-#	OA CFM	EF #	EXH CFM	NET O.A. AVAIL. FOR PRESS.			
RETAIL/ DINING KITCHEN	RTU-01	400	EF-01		400			
	RTU-02	100			100			
						0		
					150	-150		
					0			
TOTALS		500		150	350			

OUTSIDE AIR CALCULATIONS BASED ON 2024 INTERNATIONAL MECHANICAL CODE

RTU-01		
RETAIL/ STORE FRONT:	770 sq. ft. X 0.12 cfm / sq. ft. =	92 CFM
	38 people X 7.5 cfm / person =	285 CFM
TOTAL OUTSIDE AIR REQUIRED:		377 CFM
	TOTAL OUTSIDE AIR SCHEDULES:	400 CFM
RTU-02		
KITCHEN:	528 sq. ft. X 0.12 cfm / sq. ft. =	64 CFM
	4 people X 7.5 cfm / person =	30 CFM
TOTAL OUTSIDE AIR REQUIRED:		94 CFM
	TOTAL OUTSIDE AIR SCHEDULES:	100 CFM

ROOFTOP UNIT SCHEDULE

DESIGNATION	RTU-01	RTU-02
SERVES	STORE FRONT	KITCHEN
TYPE OF HEATING	ELEC	ELEC
MOUNTING	ROOF CURB	ROOF CURB
DISCHARGE	DOWN FLOW	DOWN FLOW
FILTER TYPE	2" THROWAWAY	2" THROWAWAY
BLOWER DATA		
FAN TYPE	FC CENTRIFUGAL	FC CENTRIFUGAL
FAN DRIVE	DIRECT DRIVE	DIRECT DRIVE
MAXIMUM AIR VOLUME	2,000 CFM	2,200 CFM
OUTSIDE AIR VOLUME	400 CFM	100 CFM
TOTAL EXT. S.P. (FILTER NOT INCLUDED)	0.80" wg	0.80" wg
FAN MOTOR HORSEPOWER	1.2 HP	1.2 HP
CONDENSER FAN DATA		
NUMBER OF FANS	-	-
FAN HORSEPOWER (EACH)	-	-
DX SYSTEM		
REFRIGERANT	R-32	R-32
NUMBER OF COMPRESSORS	-	-
COMPRESSOR ELECTRICAL (V/PH/Hz)	480/3/60	480/3/60
COMPRESSOR RLA / LRA (EACH)	-	-
COOLING PERFORMANCE		
ENTERING AIR DB/WB (%%DF)	76.8/ 64.6	76.9/ 63.4
TOTAL SENSIBLE HEAT	43,330 BTUH	50,336 BTUH
TOTAL LATENT HEAT	14,641 BTUH	2,585 BTUH
GRAND TOTAL HEAT	57,971 BTUH	52,921 BTUH
OUTDOOR AMBIENT	100%D F	100%D F
HEATING PERFORMANCE		
TYPE HEATING	ELECTRIC	ELECTRIC
GRAND TOTAL HEAT	30,000 BTUH	10,000 BTUH
ELECTRIC HEATING	15 KW	15 KW
VOLTS/PH/Hz	460/3/60	460/3/60
MINIMUM CIRCUIT AMPACITY	-	-
MAXIMUM FUSE SIZE	-	-
CONTROL STAGES	-	-
BASIS OF SELECTION		
MANUFACTURER	DAIKIN	DAIKIN
RTU MODEL	DHC060	DHC060
APPROXIMATE OPERATING WEIGHT	1,000#	1,000#
COOLING EER2/ SEER2	12.2/ 16.2	12.2/ 16.2
MINIMUM CIRCUIT AMPACITY	25.7AMPS	25.7AMPS
MAXIMUM FUSE SIZE	30.0AMPS	30.0AMPS
NOMINAL TONNAGE	5.0 TONS	5.0 TONS
NOTE REFERENCE:	1 - 10	1 - 10
* (DAIKIN) PLEASE CONTACT DEVIN CROW WITH HTS @ Devin.Crow@hts.com WITH ANY INAUIRIES ABOUT THE EQUIPMENT IN THIS SCHEDULE.		
NOTES:		
1.	INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.	
2.	PROVIDE SINGLE SOURCE POWER ENTRY KIT, MOTOR STARTERS, LOW AMBIENT CONTROL, FRESH AIR HOOD WITH MANUALLY SET MOTORIZED OUTSIDE AIR DAMPER, AND ANTI-SHORT CYCLE TIMER (5 MIN. BETWEEN COMPRESSOR CYCLES).	
3.	PROVIDE 14" DOWN FLOW ROOF MOUNTING CURB (FIELD INSTALLED)	
4.	IONIZATION SMOKE DETECTOR (BY DIVISION 16) LOCATED IN THE UNITS MAIN SUPPLY AIR DUCT. ROOFTOP UNIT SHALL BE DE-ENERGIZED WHENEVER SMOKE IS DETECTED.	
5.	MOTOR O.A.D.(FIELD INSTALLED)	
6.	LOW AMBIENT CONTROL KIT.(FIELD INSTALLED)	
7.	PROVIDE WITH HOT GAS REHEAT.	
8.	RTU SHOWN ON THIS SCHEDULE IS FOR REFERENCE ONLY. FAN SHALL BE PROVIDED BY KITCHEN CONSULTANT. REFER TO FOR DETAILS. COORDINATE CONTROLS OF KITCHEN DRAWINGS ON/ OFF OPERATION WITH KITCHEN DRAWINGS.	
9.	PROVIDE ALL APPURTENANCES REQUIRED FOR FOR PROPER INSTALLATION.	
10.	INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.	

GENERAL NOTES	
1.	INSTALLATION SHALL CONFORM WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL OTHER APPLICABLE NATIONAL, STATE AND LOCAL CODES AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY.
2.	ALL MATERIALS FURNISHED SHALL BE NEW AND LISTED BY UNDERWRITERS' LABORATORIES (UL) OR OTHER NATIONALLY RECOGNIZED TESTING LABORATORY.
3.	ALL 600V CONDUCTORS SHALL BE THHN/THWN SOFT DRAWN ANNEALED COPPER. CONDUCTORS #10 AND SMALLER SHALL BE SOLID OR STRANDED, #8 AND LARGER STRANDED. CONDUCTORS SHALL BE COLOR CODED AS FOLLOWS: 208/120 VOLT SYSTEMS: PHASE A BLACK; B RED; C BLUE; NEUTRAL WHITE. 480/277 VOLT SYSTEMS: PHASE A BROWN; B PURPLE; C YELLOW; NEUTRAL GRAY. ALL GROUNDING CONDUCTORS SHALL BE GREEN.
4.	ALL RACEWAY AND ELECTRICAL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH NEC. PROVIDE AN INSULATED GREEN GROUNDING CONDUCTOR IN ALL CONDUITS. PROVIDE FLEXIBLE CONDUIT FOR CONNECTIONS TO VIBRATING EQUIPMENT, 3' MIN. TO 6' MAX. LENGTH, WATER TIGHT IN WET LOCATIONS. FLEXIBLE CONDUIT SHALL HAVE A GROUNDING JUMPER WIRE INSIDE AND OUTSIDE OF THE RACEWAY. ALL CONDUITS AND ELECTRICAL EQUIPMENT SHALL BE RIGIDLY SUPPORTED. RACEWAY SHALL NOT BE SUPPORTED FROM SUSPENDED CEILINGS OR CEILING SUPPORTS. OUTLET BOXES IN DRY AND INTERIOR LOCATIONS SHALL BE GALVANIZED STEEL. THOSE OUTDOORS AND IN WET LOCATIONS SHALL BE CAST TYPE FS WITH CASKETED COVERS.
5.	DISCONNECT SWITCHES SHALL BE HEAVY DUTY TYPE. NEMA-1 FOR INDOOR AND NEMA-3R FOR OUTDOOR.
6.	ALL POWER CONDUCTORS SHALL BE INSTALLED IN RACEWAY. CONDUIT SHALL BE EMT IN DRY AND NON-HAZARDOUS INTERIOR LOCATIONS. WHERE INSTALLED IN WET OR HAZARDOUS LOCATIONS OR OUTDOORS, PROVIDE IMC OR RIGID GALVANIZED STEEL.
7.	REMOVE ALL ABANDONED CONDUIT, POWER WIRING AND ELECTRICAL DEVICES WITHIN THE AREA OF WORK.
8.	PROVIDE UL LISTED FIRE SEAL ASSEMBLY AT ALL ELECTRICAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS.
9.	TYPE MC ARMORED CABLE MAY BE USED IN LENGTHS OF 30' OR LESS WHERE ALLOWED BY LOCAL CODES. INSTALLATION SHALL COMPLY WITH NEC ARTICLE 330. TYPE MC MAY BE USED ONLY FOR #10 AND #12 BRANCH CIRCUITS AND SHALL CONTAIN A GREEN GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH NEC. TYPE MC SHALL NOT BE USED FOR HOME RUNS PANELBOARDS. WITHIN THE AREA OF WORK, REMOVE ALL EXISTING TYPE MC WIRING THAT IS BROKEN AND REPLACE WITH NEW OF EQUIVALENT CONFIGURATION AND WIRE SIZE; COORDINATE ANY REQUIRED OUTAGES WITH OWNER.
10.	PROVIDE ENGRAVED LAMINATED PLASTIC NAMEPLATES FOR NEW AND EXISTING PANELBOARDS. NAMEPLATES SHALL HAVE 1/4" HIGH WHITE-ON-BLACK BLOCK TEXT FOR NORMAL POWER, AND COLOR CODING AS ESTABLISHED FOR THE EXISTING FACILITY FOR EMERGENCY PANELBOARDS.
11.	PANELBOARDS SHALL HAVE MINIMUM FAULT CURRENT INTERRUPTING RATINGS OF 10KAIC FOR 208/120 VOLT OR 240/120 VOLTS, AND 14KAIC FOR 480/277 VOLTS. UNLESS OTHERWISE NOTED.
12.	CLEAN DIRT AND TRASH OFF TOPS AND EXPOSED SURFACES OF ALL EXISTING GUTTERS, PANELS, SWITCHES AND OTHER ELECTRICAL ENCLOSURES. VACUUM AND REMOVE PARTS AND DEBRIS FROM THE ENCLOSURE INTERIORS.
13.	USE A TORQUE WRENCH TO TIGHTEN ALL NEW AND EXISTING MECHANICAL FEEDER AND BRANCH CIRCUIT LUGS.
14.	WITHIN ALL EXISTING ELECTRICAL EQUIPMENT ENCLOSURES WITHIN THE AREA OF WORK, REPLACE ALL CONDUCTORS CONTAINING SPLICES WITH NEW WIRE OF EQUIVALENT SIZE, TYPE AND COLOR OUT TO THE NEAREST ACCESS BOX. ALL WIRING SHALL TERMINATE ON PROPER SCREW TERMINAL LUGS. COORDINATE ANY REQUIRED OUTAGES WITH OWNER.
15.	CONTRACTOR SHALL WARRANT ELECTRICAL WORK AGAINST FAULTY MATERIAL OR WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER.
16.	WITHIN THE AREA OF WORK, USE A TORQUE WRENCH TO TIGHTEN ALL NEW AND EXISTING MECHANICAL FEEDER AND BRANCH CIRCUIT LUGS.

TELECOMMUNICATIONS	
▼	TELEPHONE OUTLET
▽	DATA OUTLET
▼	TELEPHONE/DATA OUTLET
▽	TELEPHONE/DATA OUTLET/VIDEO
☑	FLOOR MOUNTED DATA OUTLET
☑	FLOOR TELEPHONE OUTLET
☑	FLOOR TELEPHONE/DATA OUTLET
☑	FLOOR TELEPHONE/DATA OUTLET/VIDEO
→	TELECOMMUNICATION TERMINAL BOARD (TTB)
—G—	GROUNDING BAR
◇	TELEVISION CABLE OUTLET

CIRCUITING & WIRING	
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING
	CONDUIT CONCEALED IN WALL OR BELOW GRADE OR SLAB
	CONDUIT EXPOSED
	BRANCH CIRCUIT HOMERUN. CURVED TICK MARK DENOTES GROUND. LONG TICK MARK DENOTES NEUTRAL. SHORT TICK MARK DENOTES PHASE. IH=2,4,6 DENOTES PANEL IH, CIRCUITS 2,4,6
	DENOTES NUMBER OF CIRCUITS. 2,4 DENOTES CIRCUIT NUMBERS.
	SHARED CIRCUIT

POWER EQUIPMENT & DEVICES	
	PANELBOARD
	DISTRIBUTION PANELBOARD
	DISCONNECT SWITCH - UNFUSED
	DISCONNECT SWITCH - FUSED
100/80/3	SUBSCRIPTS DENOTES DEVICE RATING/FUSE SIZE NUMBER OF POLES
	MOTOR STARTER
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	MOTOR
	AUTOMATIC TRANSFER SWITCH
400/3	EQUIPMENT RATING (AMPS/POLE)
	TRANSFORMER

RECEPTACLES	
	DUPLEX RECEPTACLE
	GFI RECEPTACLE
	ISOLATED GROUND DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	QUAD GFI RECEPTACLE
	ISOLATED GROUND QUAD RECEPTACLE
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE WITH SWITCH
	RECEPTACLE NEMA 5-20R
	SPECIAL NEMA CONFIGURATION RECEPTACLE
	FLOOR MOUNTED DUPLEX RECEPTACLE
	FLOOR GFI RECEPTACLE
	FLOOR ISOLATED GROUND DUPLEX RECEPTACLE
	FLOOR MOUNTED JUNCTION BOX
	FLOOR SPECIAL NEMA CONFIGURATION RECEPTACLE
	FLOOR QUAD RECEPTACLES
	FLOOR ISOLATED GROUND QUAD RECEPTACLES
	FLOOR SIMPLEX RECEPTACLE

ABBREVIATIONS	
A/AMPS	AMPERES
A/C	AIR CONDITIONING
AC	ALTERNATING CURRENT
AHU	AIR HANDLING UNIT
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRIC)
AM	AMMETER
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AWG	AMERICAN WIRE GAUGE
AS	AMPERE SENSOR RATING
BAS	BUILDING AUTOMATION SYSTEM
BLDG	BUILDING
C	CONDUIT
CAT	CATALOG
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CT	CURRENT TRANSFORMER
CU	COPPER
DC	DIRECT CURRENT
DIA	DIAMETER
DN	DOWN
DP	DOUBLE POLE
DPDT	DOUBLE POLE DOUBLE THROW DRAWING
EDH	ELECTRIC DUCT HEATER
EMT	ELECTRICAL METALLIC TUBING
ENC	ELECTRIC WATER COOLER
EF	EXHAUST FAN
FACP	FIRE ALARM CONTROL PANEL
FC	FOOT CANDLE
FCU	FAN COIL UNIT
FLA	FULL LOAD AMPERES
FT	FEET
G	GREEN (PILOT LIGHT)
GA	GAUGE
GFI	GROUND FAULT INTERRUPTER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HOA	HAND-OFF-AUTOMATIC HORSEPOWER
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
ID	INSIDE DIAMETER
IMC	INTERMEDIATE METAL CONDUIT
IN	INCH (ES)
JB	JUNCTION BOX
KMIL	THOUSAND CIRCULAR MILLS
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
L	LENGTH
LV	LOW VOLTAGE
M	MOTOR
mA	MILLIAMPERES
m	METER
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MH	MANHOLE, MOUNTING HEIGHT, METAL HALIDE
MIN	MINIMUM
MISC	MISCELLANEOUS
mm	MILLIMETERS
MTD	MOUNTED
MTG	MOUNTING
MV	MERCURY VAPOR
MW	MEGAWATTS
N	NEUTRAL
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OL	OVERLOAD
PB	PUSH BUTTON
PDU	POWER DISTRIBUTION UNIT
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLY-VINYL CHLORIDE
R	RED (PILOT LIGHT)
RC	REMOTE CONTROL
RE	REFER
RGS	RIGID GALVANIZED STEEL
SEC	SECONDARY
SPDT	SINGLE POLE DOUBLE THROW SPECIFICATIONS
SPEC	SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
STD	STANDARD
SW	SWITCH
SYM	SYMMETRICAL
TB	TERMINAL BLOCK
TC	TIME CLOCK
TEL	TELEPHONE
TEMP	TEMPERATURE
TTB	TELECOMMUNICATION TERMINAL BOARD
TV	TELEVISION
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES UNLESS OTHERWISE NOTED
UON	UNLESS OTHERWISE NOTED
V	VOLT, VOLTAGE
VA	VOLT AMPERES
VAC	VOLTS ALTERNATING CURRENT
VAR	VARIABLE FREQUENCY DRIVE
VFD	VARIABLE FREQUENCY DRIVE
VM	VOLTMETER
W	WIDTH, WATTS
W/O	WITHOUT
WE	WITH ENCLOSURE
WP	WEATHERPROOF
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

STANDARD MOUNTING HEIGHTS	
EXIT SIGNS (WALL MOUNTED, BOTTOM)	80"
PANELBOARD (TOP)	72"
RECEPTACLES (CENTERLINE)	18"
RECEPTACLES (EXTERIOR)	24"
RECEPTACLES IN EQUIPMENT ROOMS	48"
SWITCHES (CENTERLINE)	48"
TELEPHONE, DATA OUTLETS (CENTERLINE)	18"

LIGHTING CONTROLS	
§	LIGHT SWITCH
§3	3-WAY LIGHT SWITCH
§K	KEYED LIGHT SWITCH
§W	WALL MOUNTED OCCUPANCY SENSOR SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR
	PHOTOCELL
§W3	3-WAY WALL MOUNTED OCCUPANCY SENSOR SWITCH
W3	WALL MOUNTED OCCUPANCY SENSOR

LIGHTING (SEE LIGHT FIXTURE SCHEDULE)	
	2X4 LED LIGHTING FIXTURE
	LED LIGHTING FIXTURE - BATTERY BACK-UP
	2X2 LED LIGHTING FIXTURE
	2X2 LED LIGHTING FIXTURE - BATTERY BACK-UP
	2X2 LED LIGHTING FIXTURE - NIGHT LIGHT
	1X1 LIGHTING FIXTURE
	1X4 LED LIGHTING FIXTURE
	1X4 LED LIGHTING FIXTURE - BATTERY BACK-UP
	STAGGERED LED STRIP FIXTURE
	LED FIXTURE - WALL MOUNTED
	INCANDESCENT, HID, OR LED DOWN LIGHT
	DOWN LIGHT WITH BATTERY BACK-UP
	WALL MOUNTED LIGHTING FIXTURE
	WALL SCONCE LIGHTING FIXTURE
	WALL PACK LIGHTING FIXTURE
	EMERGENCY LIGHTING UNIT
	TRACK LIGHT
	CEILING MOUNTED EXIT LIGHT
	ELECTRICAL JUNCTION BOX

MISCELLANEOUS	
	KEYNOTE IDENTIFICATION
	DUCT SMOKE DETECTOR
	POWER COMPANY METER
	ELECTRICAL METER
	CEILING MOUNTED SPEAKER
	CURRENT TRANSFORMER
	ACCESS CONTROL
C	= CARD ACCESS
P	= PROXIMITY PAD
K	= KEY PAD
	DOOR CONTACT
	CCTV CAMERA
	FIRE ALARM HORN
	FIRE ALARM PULL STATION
	FIRE ALARM STROBE

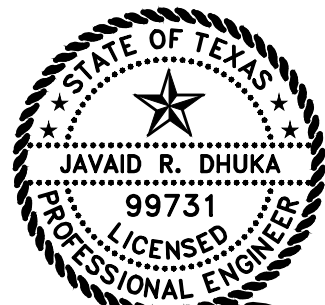
LIGHTING FIXTURE SCHEDULE					
(FIXTURES CAN BE SUBSTITUTED WITH EQUAL)					
FIXTURE TYPE	MANUFACTURE	MOUNTING	LAMP TYPE	VOLTAGE	REMARKS
AA	LITHONIA LIGHTING CPX-2X2-3200LM-80CRI-30K-SWL-MIN10-MVOLT INSTALLATION INTO GRID CEILINGS	RECESSED	LED 36.3 WATTS 3000K	120	2X2 LED LOW-GLARE PANEL WITH EXTERNAL DRIVER PROVIDE APPROPRIATE MOUNTING HARDWARE AS REQUIRED
AE	LITHONIA LIGHTING CPX-2X2-3200LM-80CRI-30K-SWL-MIN10-MVOLT-E7W INSTALLATION INTO GRID CEILINGS	RECESSED	LED 36.3 WATTS 3000K	120	2X2 LED LOW-GLARE PANEL WITH EXTERNAL DRIVER PROVIDE APPROPRIATE MOUNTING HARDWARE AS REQUIRED WITH EMERGENCY BATTERY PACK
BB	HALO LIGHTING HCD6MFRJB L07 CS 930 D	RECESSED	LED 9.6 WATTS 3000K	120	6 INCH DIAMETER LED LIGHT FIXTURE PROVIDE APPROPRIATE MOUNTING HARDWARE AS REQUIRED
BE	HALO LIGHTING HCD6MFRJB L07 CS 930 D EM14	RECESSED	LED 9.6 WATTS 3000K	120	6 INCH DIAMETER LED LIGHT FIXTURE PROVIDE APPROPRIATE MOUNTING HARDWARE AS REQUIRED WITH EMERGENCY BATTERY PACK
XA	COOPER LIGHTING SOLUTIONS SURE-LITES ARCEL 67 1 G C SS SD	SURFACE	INCLUDED 1.8 WATTS	120	LED EMERGENCY LIGHT WITH VERIFY INDICATOR SIGN TEST SWITCH AND STATUS INDICATOR

Date issued/revised
28 JULY 2026 - FOR PERMIT

M/E/P/ ENGINEER:
JRD Engineering



REGISTRATION NUMBER F-10429
5711 MISTY BRIAR COURT
SUGAR LAND, TEXAS 77479
TEL: (713) 367-3132



Javid R. Dhuka
07/28/2026

OSBORN & VANE ARCHITECTS

2000 Bering Drive, Suite 410
Houston, Texas 77057
713 781 5282
Fax 713 781 5347
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ELECTRICAL ABBREVIATION LEGEND AND NOTES

STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

Project No. 2607
Drawn JRD
Checked

Sheet No. E101

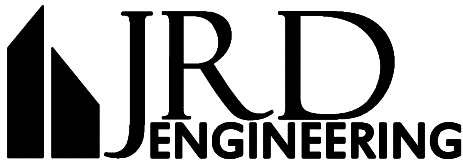
GENERAL NOTES

- COORDINATE ALL WORK WITH EACH SUB CONTRACTOR AND GENERAL CONTRACTOR (STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING) PRIOR TO INSTALLATION AND CONNECTION OF EQUIPMENT. CONTRACTOR SHALL REPORT ANY DISCREPANCIES, OMISSIONS OR INCONSISTENCIES ON THE DRAWINGS TO THE ENGINEER FOR VERIFICATION BEFORE STARTING CONSTRUCTION. OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR ANY ERRORS IN CONSTRUCTION WHERE SUCH DISCREPANCIES, OMISSIONS OR INCONSISTENCIES HAVE NOT BEEN PROPERLY REPORTED IN A TIMELY MANNER.
- COORDINATE ALL LOCATION WITH ARCHITECTURAL PLANS.
- REFER TO E1.0 FOR LIGHTING FIXTURE SCHEDULE
- ALL EXIT SIGN SHALL BE WITH BATTERY POWER PROVIDE UN-SWITCHED HOT LEG
- CONTRACTOR SHALL PROVIDE LOCALE DISCONNECT SWITCH FOR APPLIANCES RATED OVER 300VA. SEE NEC 2023 ARTICLE 422.31 (B).
- CONTRACTOR TO REUSE EXISTING CIRCUIT BREAKERS FROM DEMO IN THIS AREA. CONNECT NEW LOAD TO EXISTING BREAKER WHEN POSSIBLE. CIRCUIT BREAKERS SHALL NOT BE OVERLOAD. EACH 20AMP BREAKER SHALL NOT BE LOAD 16 AMP AND HIGHER.
- PROVIDE AT LEAST 50 PERCENT OF ALL 125V, 15 AND 20 AMP RECEPTACLE INSTALLED IN ENCLOSED OFFICES, CONFERENCE ROOMS, ROOMS USED PRIMARILY FOR COPY OR PRINT FUNCTIONS, BREAKROOMS, CLASSROOMS AND INDIVIDUAL WORKSTATIONS, INCLUDING THOSE INSTALLED IN MODULAR PARTITIONS AND MODULE OFFICE WORKSTATION SYSTEMS.
- PROVIDE AT LEAST 25 PERCENT OF BRANCH CIRCUIT FEEDERS INSTALLED FOR MODULAR FURNITURE NOT SHOWN ON THE THIS DOCUMENTS TO BE AUTOMATICALLY TURNED OFF BY AN OCCUPANT SENSOR WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE.
- ALL FLOOR PATCHES TO MATCH EXISTING FIRE RATED CONSTRUCTION.

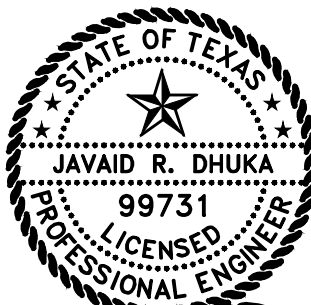
KEYED NOTES

- CONTRACTOR TO CONFIRM LED LAMP AND SWITCH COMPATIBILITY PER LAMP MANUFACTURE.
- CONNECT EXHAUST FAN TO ROOM LIGHT FIXTURE AND SWITCH. CONNECT TO ALL EF TO SAME CIRCUIT BREAKER. EXHAUST FAN TO BE INTERLOCKED TO LIGHT WITH TIME DELAY RELAY.
- OPEN/CLOSE SIGN RECEPTACLE MOUNTED ABOVE WINDOW. CONNECT TO NEAREST RECEPTACLE.
- TO J-BOX ABOVE THE STOREFRONT CEILING FOR EXTERIOR STORE SIGN. SWITCH CONNECTED TO THE STOREFRONT EXTERIOR SIGN. EXTERIOR LIGHTS TO BE CONTROL WITH PROGRAMMABLE TIMER FOR LIGHTS. PROVIDE DIGITAL TIMER (INTERMATIC IW600K) FOR CONTROL.
- ALL SMOKE/CO DETECTORS, STROBES, EMERGENCY AND EXIT LIGHTS ARE TO BE CONNECTED TO THE HOT LEG OF THE NEAREST CIRCUIT AND INCLUDE EMERGENCY BATTERY BACKUP POWER. EMERGENCY EXIT LIGHTING TO REMAIN UNSWITCHED AND ONLY ACTIVATED FOR EMERGENCY LOSE OF POWER TO THE BUILDING.
- CEILING MOUNT DUAL TECHNOLOGY INFRARED AND ULTRASONIC OCCUPANCY SENSOR. OCCUPANCY SENSORS SHALL BE ACTIVATED AND OVERRIDDEN BY SWITCH.
- JUNCTION BOX FOR ELECTRICAL WATER HEATER. COORDINATE EXACT MOUNTING HEIGHT WITH EQUIPMENT MANUFACTURE.
- PROVIDE JUNCTION BOX FOR DRIPPING DESIGN LED LIGHTS VERIFY EXACT LOCATION. CONNECT TO CIRCUIT LA-31 AND SWITCH "SD".
- PROVIDE RECEPTACLES AND ETHERNET CONNECTION FOR EACH 3 TV TO DISPLAY MENU. CONNECT TO CIRCUIT LA-33. COORDINATE EXACT LOCATION.

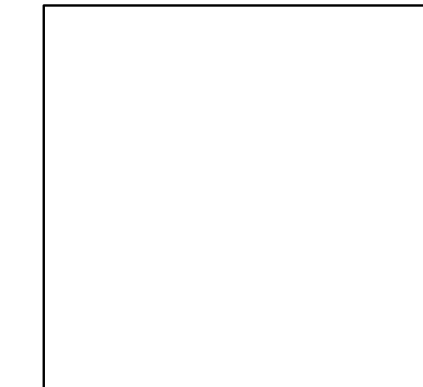
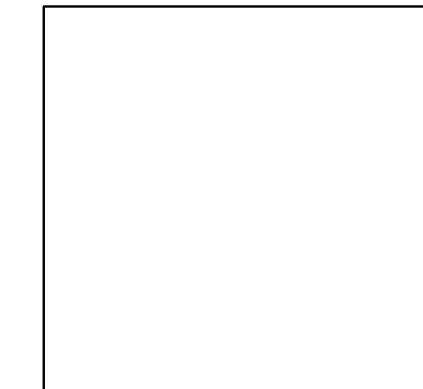
M/E/P/ ENGINEER:
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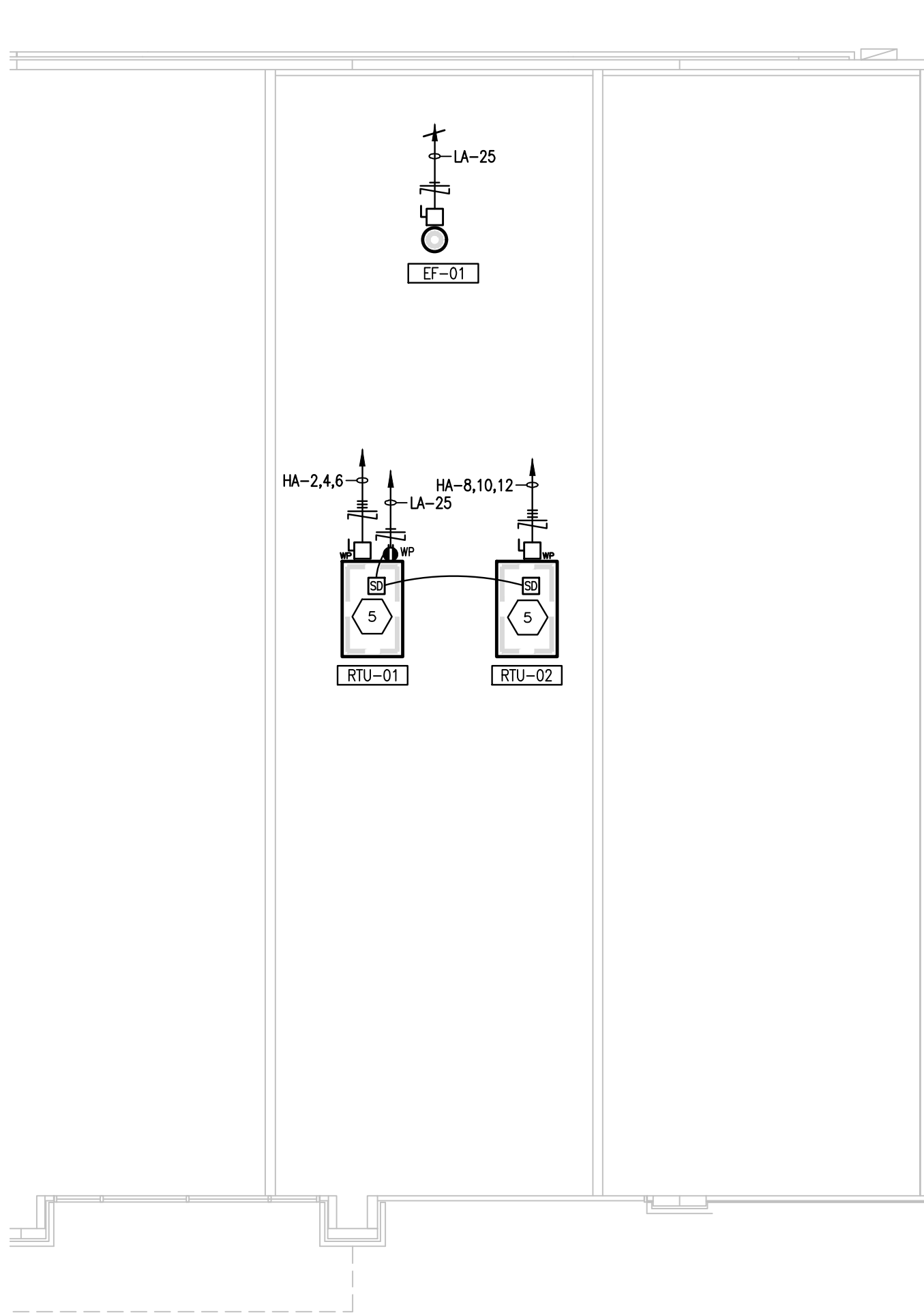
2000 Bering Drive, Suite 410
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ELECTRICAL
LIGHTING & POWER
FLOOR PLAN

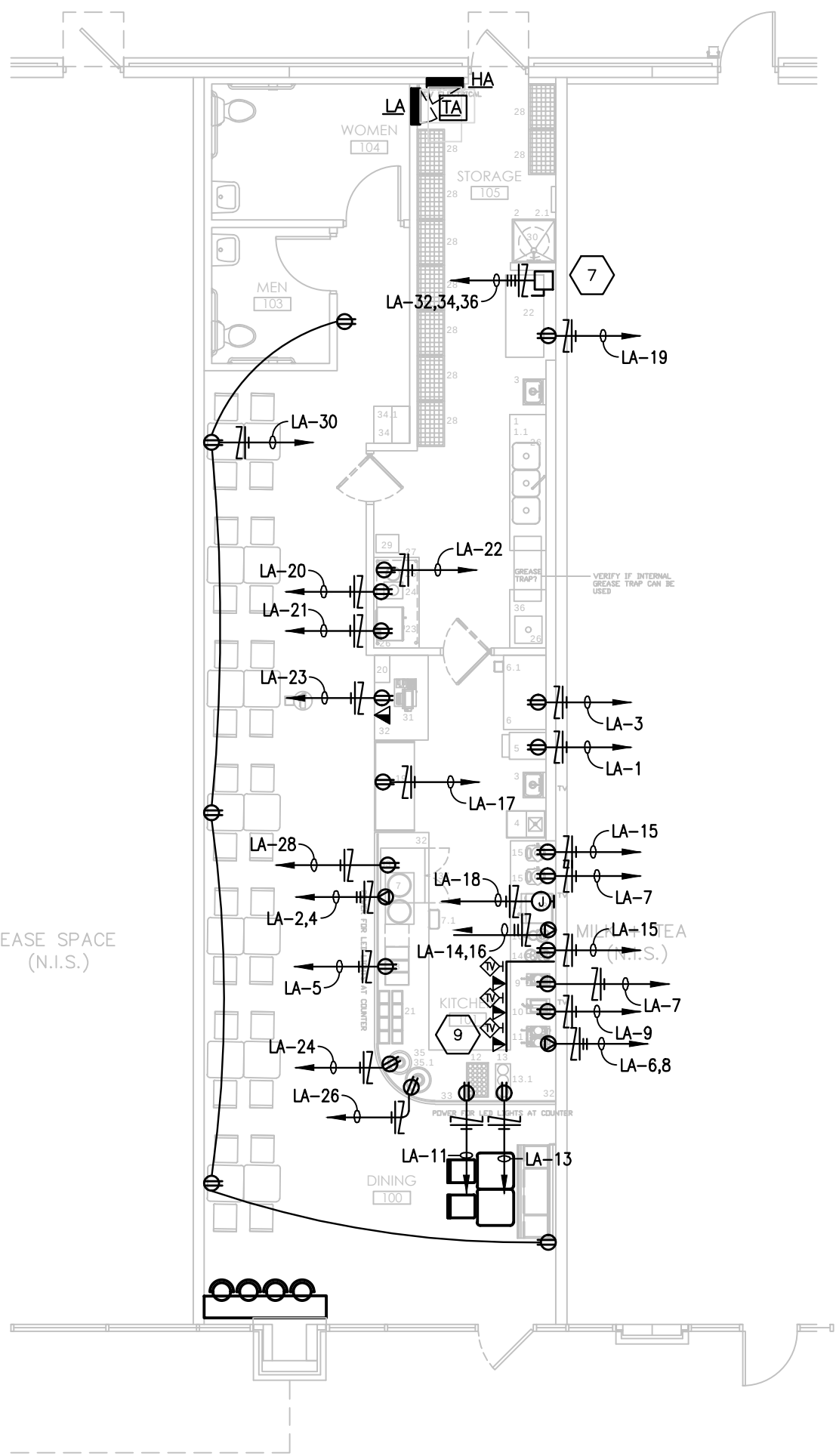
STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

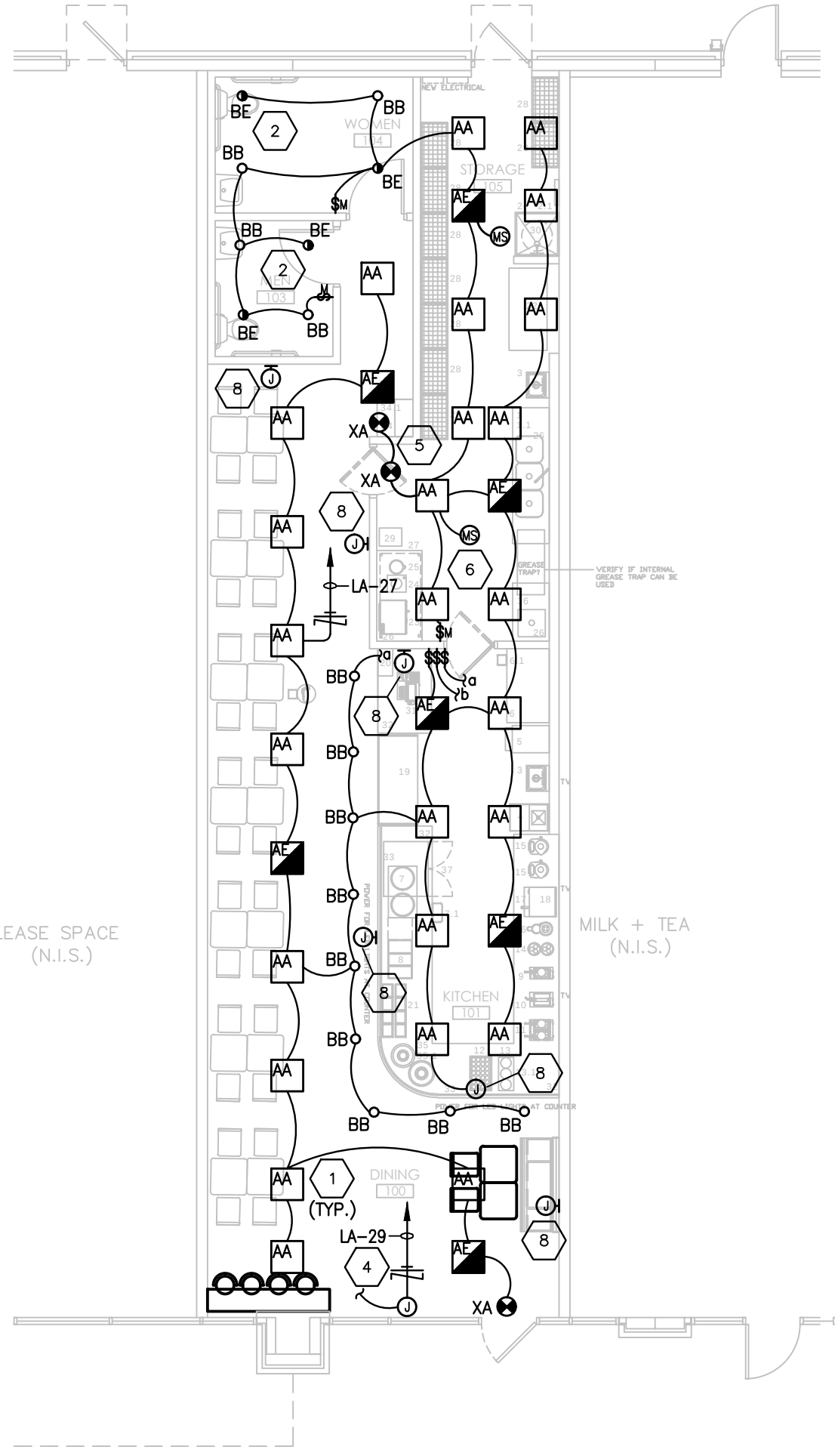
Project No. 2607
Drawn JRD
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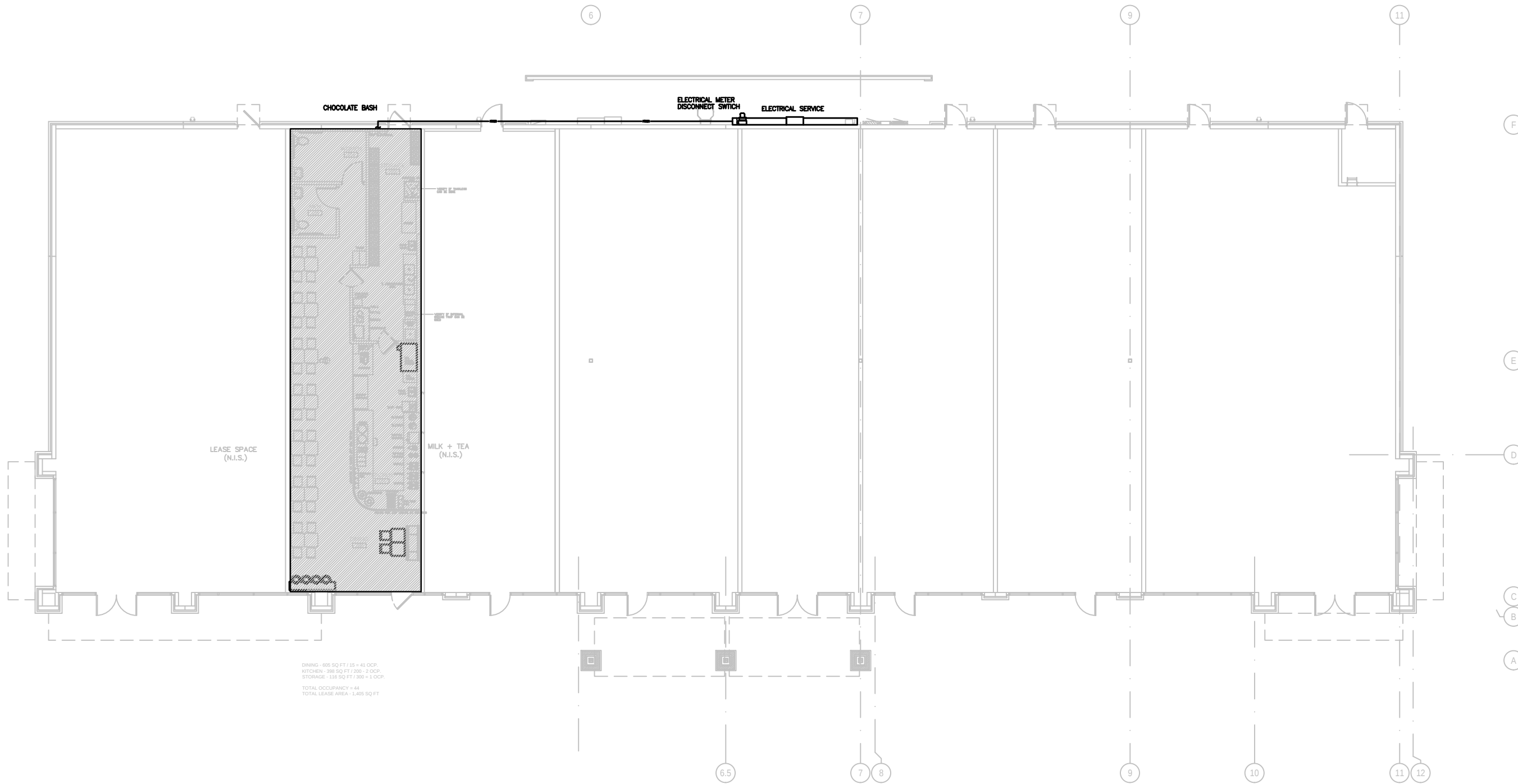
3 ELECTRICAL POWER ROOF PLAN
SCALE: 1/4" = 1'-0"



2 ELECTRICAL POWER FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 ELECTRICAL LIGHTING FLOOR PLAN
SCALE: 1/4" = 1'-0"



4 ELECTRICAL OVERALL POWER FLOOR PLAN
SCALE: 1/16" = 1'-0"

-All wiring shall be installed in EMT conduit or MC cable. Flexible conduit may be used at interior junction boxes for close equipment connections only. Carlon PVC Type Sch 40 heavy wall conduit with ground wire may be used below floor slab or underground in lieu of rigid, threaded, galvanized conduit. PVC Sch. 40 conduit shall not be run in or above floor slab, or in tilt wall panels. PVC conduit shall terminate below floor slab with rigid, threaded metal conduit adapter. Conduit above slab shall be metal

-All signage shall be submitted and approved separately. Send to: signage@newquest.com

-All exterior installed items to be painted to match the exterior of the building

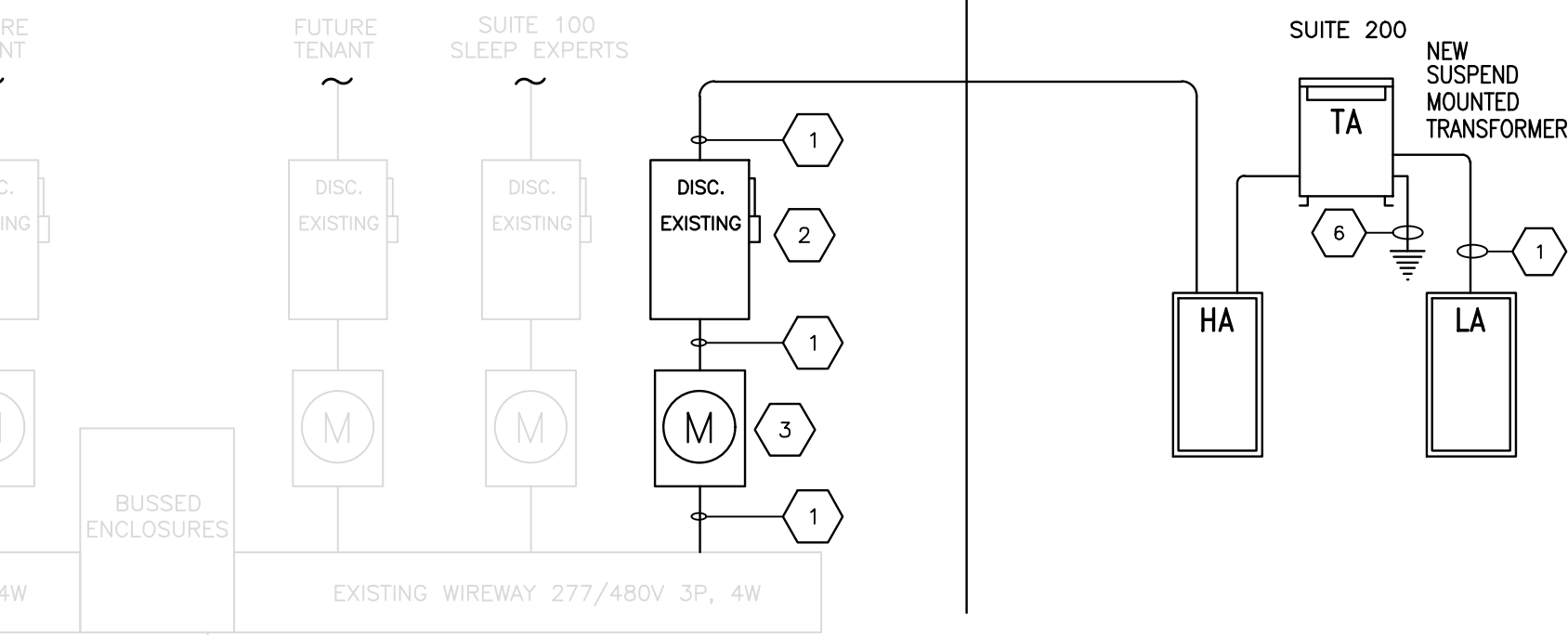
GENERAL NOTES

1. A PERMANENTLY AFFIXED LABEL SHALL BE APPLIED WITH THE AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2"x3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. THIS LABEL SHALL ALSO INCLUDE THE DATE OF THE CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
2. CONTRACTOR TO VERIFY EXISTING WIREWAY LOAD PRIOR TO CONNECT NEW LOAD. TOTAL LOAD SHALL NOT EXCEED MAXIMUM CAPACITY OF WIREWAY.
3. PAINT TO MATCH REAR OF BUILDING.

KEYED NOTES

- 1 4 #4/0 AWG WITH #6 GND IN 2" CONDUIT.
- 2 PROVIDE 200A/3P NEMA 3R DISCONNECT SWITCH AS PER LOCAL UTILITY COMPANY.
- 3 PROVIDE AND INSTALL METER BASE WITH METER PER LOCAL ELECTRICAL UTILITY'S AND BUILDING'S REQUIREMENTS. PANEL AND DISCONNECT SHALL HAVE LABELED WITH THE SUITE NUMBER.
- 4 PROVIDE #6 GROUNDING CONDUCTOR FOR GROUNDING. CONNECTION SHALL BE PER N.E.C.
- 5 PROVIDE ONE 1-1/2 INCH CONDUIT WITH PULL STRING FOR TELEPHONE SERVICE.

EXTERIOR INTERIOR



1 ELECTRICAL ONE LINE DIAGRAM

SCALE: NONE

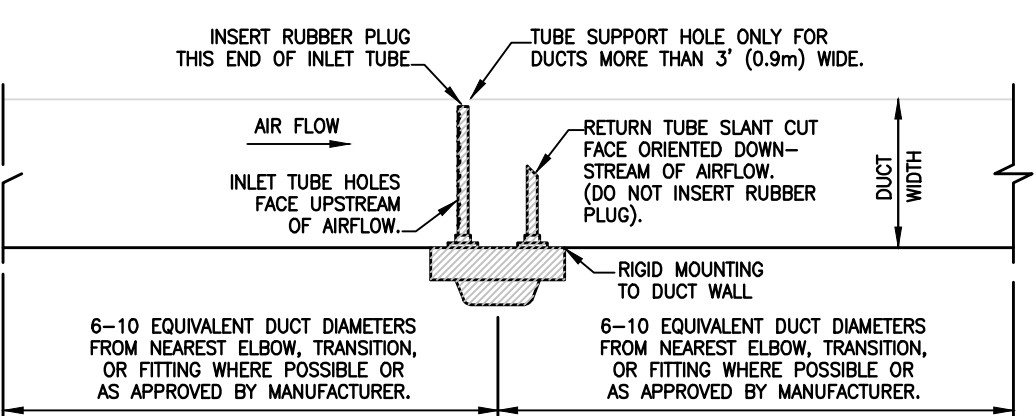
ELECTRICAL LOAD ANALYSIS													
VOLT P-P 480 VOLT P-L 277							PROJECT: CHOCOLATE BASH						
PHASE 3 WIRE 4							SPACE SQUARE FOOTAGE: 1,400						
DESCRIPTION	CONNECTED LOAD					NEC CALCULATED LOAD					FACTOR	DESCRIPTION	
	VA	BA	BB	BC	N	kVA	BA	BB	BC	N			
A/C REFRIGERATION	42733	51.4	51.4	51.4	51.4	42.73	51	51	51		1.00	LESS THAN HEAT	
ELECTRIC HEAT											1.00	ELECTRIC HEAT	
INDOOR LIGHTING	1362	1.6	1.6	1.6	1.6	1.7	2.0	2.0	2.0	2.0	1.25	155% OF CONNECTED	
KITCHEN EQUIPMENT											0.65	NO COMMERCIAL KITCHEN	
MISCELLANEOUS CONTINUOUS											1.25	125% OF CONTINUOUS	
MISCELLANEOUS MOTORS											1.25	125% OF THE LARGER OF CONNECTED OR TABLE 220-3(a)	
MISCELLANEOUS NON-CONTINUOUS	27828	33.5	33.5	33.5	33.5	27.8	33.5	33.5	33.5	33.5	1.00	100% OF CONNECTED	
OUTDOOR LIGHTING	250	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	1.25	125% OF CONNECTED	
RECEPTACLES	900	1.1	1.1	1.1	1.1	0.9	1.1	1.1	1.1	1.1	1.00	NEC TABLE 220-13	
WATER HEATING	4500	5.4	5.4	5.4	5.4	4.5	5.4	5.4	5.4	5.4	1.25	100% OF CONNECTED	
EXISTING DEMAND											1.25	MAXIMUM RECORDED DEMAND	
25% LARGEST MOTOR											0.25	25% OF LARGEST MOTOR ADDED	
TOTAL							78.0	93.8	93.8	93.8	93.8	AMP	
CAPACITY							166.3	200.0	200.0	200.0	200.0	AMP	
SPARE CAPACITY							88.3	106.2	106.2	106.2	106.2	AMP	

LIGHTING PANELBOARD EXISTING													
200 AMP MCB 480 VOLT P-P 277 VOLT P-N							3 PHASE 4 WIRE 22K AIC INTERRUPT RATING						
							ENCLOSURE TYPE: NEMA 1R MOUNTING TYPE: SURFACE GROUND BUS BAR: YES						
LOAD TYPE	LOAD DESCRIPTION	LOAD (VA)	BA	BB	BC	(N)	CABLE SIZE	BREAKER AMP	P	OV	CM	AMP / P	LOAD (VA)
SF	TRANSFORMER TA	45000	54.1				#4	70	3	1	2	40 / 3	25.7
SF	----			54.1			#4	3	4				25.7
SF	----				54.1		#4	5	6				25.7
SPARE							20 / 1	7	8	40	3		25.7
SPARE							20 / 1	9	10				25.7
SPARE							20 / 1	11	12				25.7
SPACE							20 / 1	13	14	20	1		
SPACE							20 / 1	15	16	20	1		
SPACE							20 / 1	17	18	20	1		

CONNECTED LOADS													
TYPE	DESCRIPTION	(VA)	BA	BB	BC	(N)	NEC COMPUTED DEMAND LOADS						
AC	A/C REFRIGERATION	42,733	51.4	51.4	51.4	51.4	FCR	BA	BB	BC	(N)	(VA)	DESCRIPTION
EH	ELECTRIC HEAT						1.00	51.4	51.4	51.4	51.4	42,733	A/C REFRIGERATION
IL	INDOOR LIGHTING						1.00						ELECTRIC HEAT
KE	KITCHEN EQUIPMENT						0.65						INDOOR LIGHTING
MC	MISCELLANEOUS CONTINUOUS						1.25						KITCHEN EQUIPMENT
MM	MISCELLANEOUS MOTORS						1.00						MISCELLANEOUS CONTINUOUS
NC	MISCELLANEOUS NON-CONTINUOUS						1.00						MISCELLANEOUS MOTORS
OL	OUTDOOR LIGHTING						1.25						MISCELLANEOUS NON-CONTINUOUS
RE	RECEPTACLES						1.00						OUTDOOR LIGHTING
WH	WATER HEATING						1.25						RECEPTACLES (NEC TABLE 220-44)
EX	EXISTING DEMAND						1.00	54.1	54.1	54.1	54.1	45.00	WATER HEATING
SF	SUB-FEED PANEL	45,000	54.1	54.1	54.1	54.1	1.25						EXISTING DEMAND
LARGEST MOTOR							0.25						SUB-FEED
TOTAL PHASE CONNECTED LOAD		87.73	105.5	105.5	105.5		TOTAL PHASE DEMAND LOAD						

LIGHTING PANELBOARD													
175 AMP MCB 208 VOLT P-P 120 VOLT P-N							3 PHASE 4 WIRE 10K AIC INTERRUPT RATING						
							ENCLOSURE TYPE: NEMA 1R MOUNTING TYPE: SURFACE GROUND BUS BAR: YES						
LOAD TYPE	LOAD DESCRIPTION	LOAD (VA)	BA	BB	BC	(N)	CABLE SIZE	BREAKER AMP	P	OV	CM	AMP / P	LOAD (VA)
NC	ICE MAKER	420	3.5				#12	15	1	1	2	50 / 2	38.0
NC	ICE CREAM FREEZER	480		4.0			#12	20	1	3	4		7.7
NC	PREP BAR FRIDGE COUNTERTOP	168			1.4		#12	20	1	5	6	20 / 2	7.7
NC	SINGLE BELGIAN WAFFLE MAKER	1200	10.0				#12	20	1	7	8		11.5
NC	WAFFLE BALL MAKER	1500		12.5			#12	20	1	9	10	20 / 1	11.5
NC	TOPPINGS WARMER	1200			10.0		#12	20	1	11	12	20 / 1	11.5
NC	CHOCOLATE MELTING POT	180	1.5				#12	20	1	13	14	20 / 2	2.6
NC	TOPPINGS WARMER SQUEEZE	504		4.2			#12	20	1	15	16		2.6
NC	BAKERY CASE DISPLAY	540			4.5		#12	20	1	17	18	30 / 1	16.7
NC	REFRIGERATOR	516	4.3				#12	20	1	19	20	20 / 1	11.0
NC	MICROWAVE	996		8.3			#12	20	1	21	22	20 / 1	12.0
NC	POS SYSTEM	600			5.0		#12	20	1	23	24		4.8
NC	ET-01	694	5.8				#12	20	1	25	26	20 / 1	3.4
IL	LIGHTING	1362		11.4			#12	20	1	27	28	20 / 1	2.3
OL	STORE FRONT SIGN	250			2.1		#12	20	1	29	30	20 / 1	7.5
IL	DRIPPING DESIGN LED LIGHTS	650	5.4				#12	20	1	31	32	30 / 3	12.5
NC	3 TV MENU	850			7.1		#12	20	1	33	34		12.5
SPACE								20	1	35	36		
SPACE								20	1	37	38	20 / 1	
SPACE								20	1	39	40	20 / 1	
SPACE								20	1	41	42	20 / 1	

CONNECTED LOADS													
TYPE	DESCRIPTION	(VA)	BA	BB	BC	(N)	NEC COMPUTED DEMAND LOADS						
AC	A/C REFRIGERATION						FCR	BA	BB	BC	(N)	(VA)	DESCRIPTION
EH	ELECTRIC HEAT						1.00						A/C REFRIGERATION
IL	INDOOR LIGHTING	2,011	5.4	11.4		11.4	1.25	6.8	14.2		14.2	2,552	ELECTRIC HEAT
KE	KITCHEN EQUIPMENT						0.65						INDOOR LIGHTING
MC	MISCELLANEOUS CONTINUOUS						1.25						KITCHEN EQUIPMENT
MM	MISCELLANEOUS MOTORS						1.00						MISCELLANEOUS CONTINUOUS
NC	MISCELLANEOUS NON-CONTINUOUS	28.68	87.8	102.5	61.6	102.5	1.00	87.8	102.5	61.6	102.5	28.68	MISCELLANEOUS MOTORS
OL	OUTDOOR LIGHTING	0.25					1.25						MISCELLANEOUS NON-CONTINUOUS
RE	RECEPTACLES	0.90					1.00						OUTDOOR LIGHTING
WH	WATER HEATING	4.50	12.5	12.5	12.5	12.5	1.00	12.5	12.5	12.5	12.5	4.50	RECEPTACLES (NEC TABLE 220-44)
EX	EXISTING DEMAND						1.25						WATER HEATING
SF	SUB-FEED						1.00						EXISTING DEMAND
LARGEST MOTOR							0.25						SUB-FEED
TOTAL PHASE CONNECTED LOAD		36.34	105.7	126.3	83.6	126.3	TOTAL PHASE DEMAND LOAD						

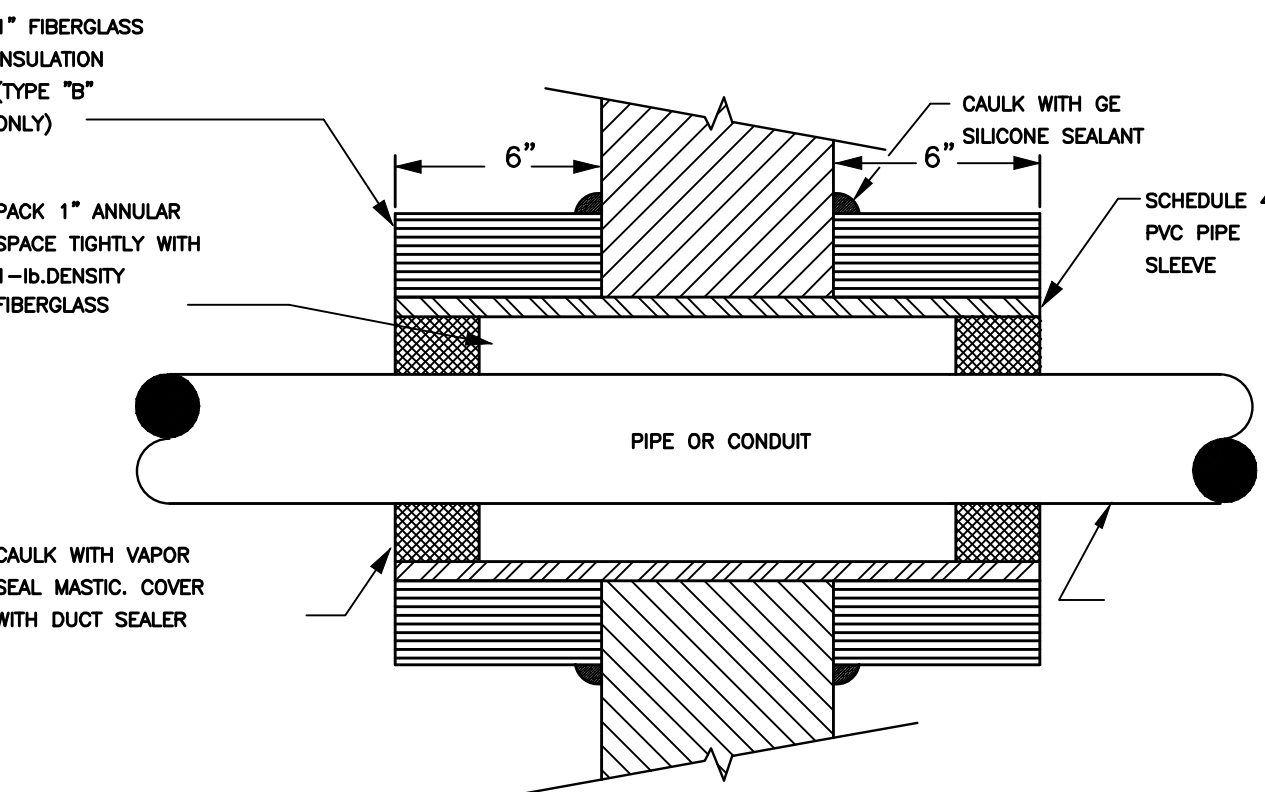


NOTES:

1. DETECTORS SHALL BE ACCESSIBLE FOR CLEANING AND SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. THE LOCATION OF ALL DETECTORS IN AIR DUCT SYSTEMS SHALL BE PERMANENTLY AND CLEARLY IDENTIFIED WITH MINIMUM 1/2" LETTERING.
3. DETECTORS SHALL BE LISTED FOR PROPER OPERATION OVER THE COMPLETE RANGE OF AIR VELOCITIES, TEMPERATURE, AND HUMIDITY EXPECTED AT THE DETECTOR WHEN THE AIR-HANDLING SYSTEM IS OPERATING.
4. ALL PENETRATIONS OF A RETURN AIR DUCT IN THE VICINITY OF DETECTORS INSTALLED ON OR IN AN AIR DUCT SHALL BE SEALED TO PREVENT ENTRANCE OF SURROUNDING AIR AND POSSIBLE DILUTION OR REDIRECTION OF SMOKE WITHIN THE DUCT.
5. PROVIDE REMOTE ALARM INDICATORS FOR IN-DUCT SMOKE DETECTORS THAT ARE INSTALLED IN LOCATIONS AND/OR ARRANGEMENTS WHERE THE DETECTOR'S ALARM INDICATOR IS NOT READILY VISIBLE TO RESPONDING PERSONNEL. REMOTE ALARM INDICATORS SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND SHALL BE CLEARLY LABELED TO INDICATE BOTH THEIR FUNCTION (e.g., IN-DUCT SMOKE DETECTOR ALARM) AND THE AIR-HANDLING UNIT(S) ASSOCIATED WITH EACH DETECTOR.

2 DUCT SMOKE DETECTOR DETAIL

SCALE: NONE

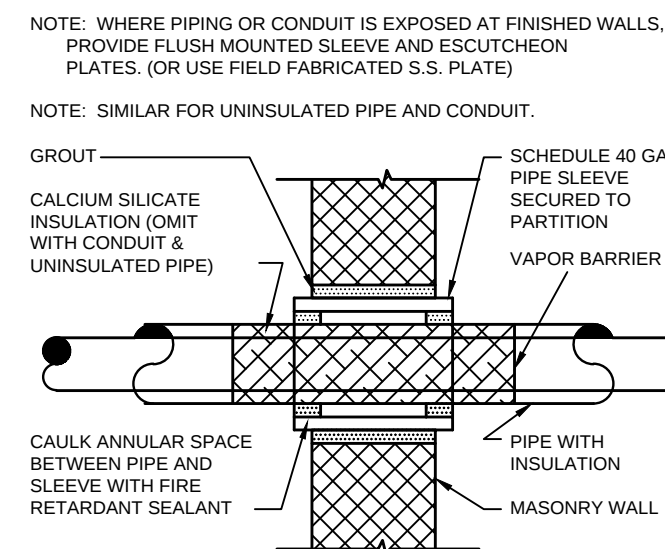


NOTES:

1. TYPICAL TREATMENT FOR PLUMBING PIPES AND H.V.A.C. PIPING FOR NON-FIRE-RATED WALLS
2. SIZE SLEEVE TO ACCEPT CONDUIT
3. FOR FIRE WALLS PROVIDE U.L. APPROVED SEAL ASSEMBLY FOR OPENING SIZE AND WALL TYPE.

3 CONDUIT SEALANT THRU WALLS

SCALE: NONE

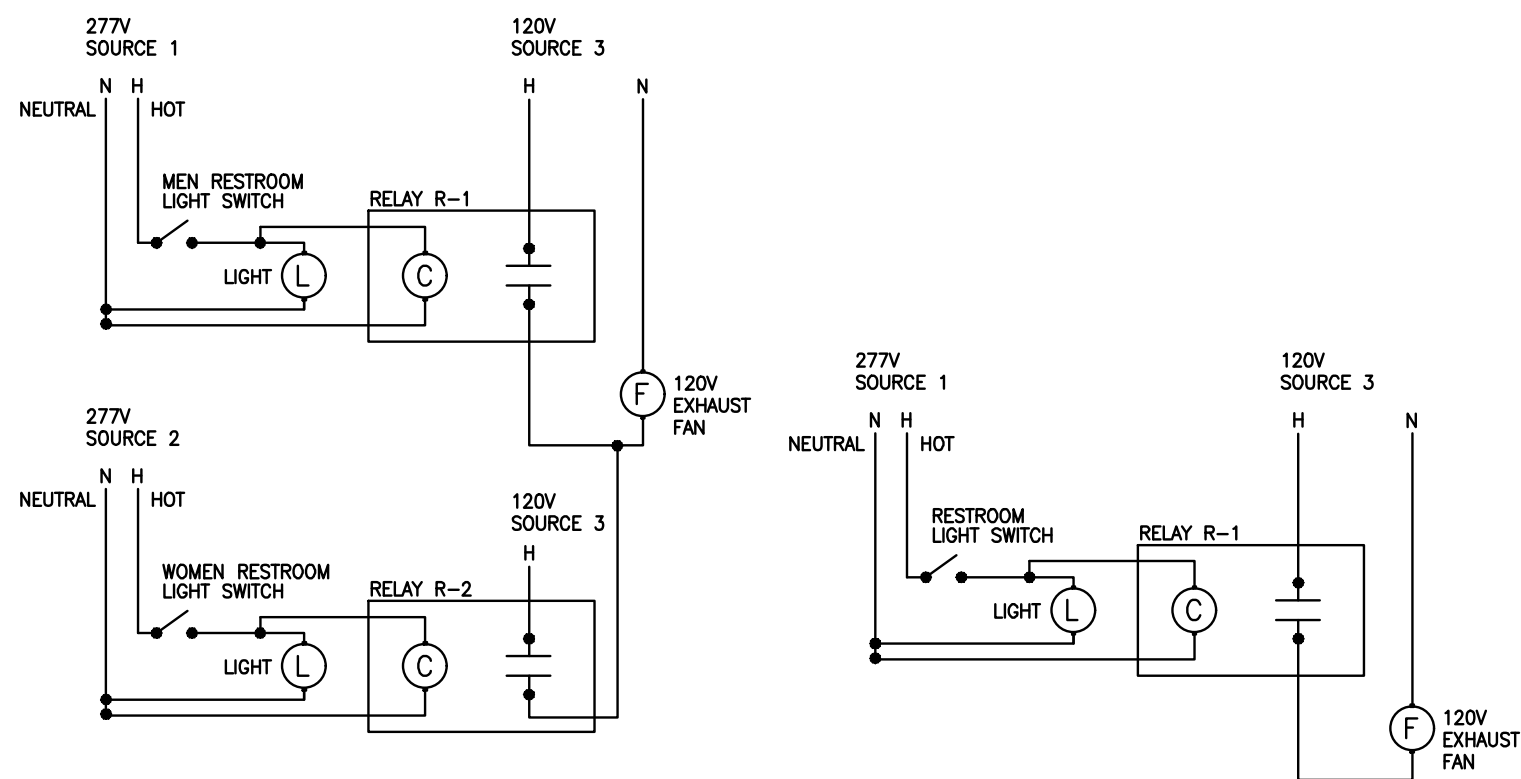


4 PIPE OR CONDUIT SLEEVE THRU FIRE RATED WALL

SCALE: NONE

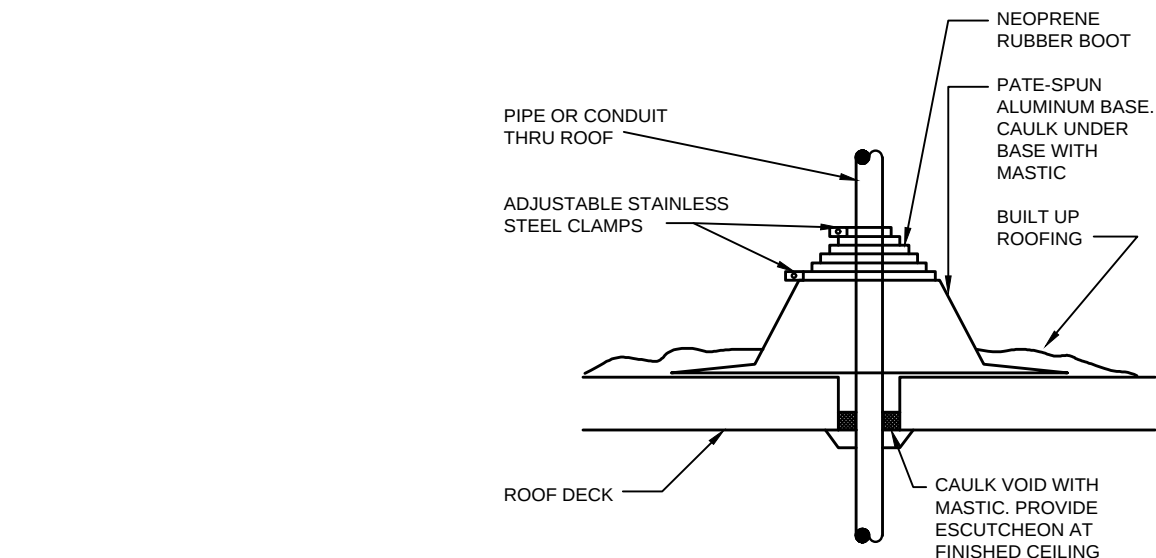
5 TRANSFORMER MOUNTING DETAIL

SCALE: NONE



6 RESTROOM LIGHT SWITCH WITH FAN

SCALE: NONE



7 CONDUIT PENETRATION THRU ROOF

SCALE: NONE

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2000 Bering Drive, Suite 410
Houston, Texas 77057
713 781 5282
Fax 713 781 5347
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ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULE

STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

Project No. 2607

Drawn JRD

Checked

Sheet No.

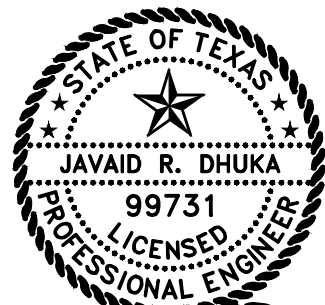
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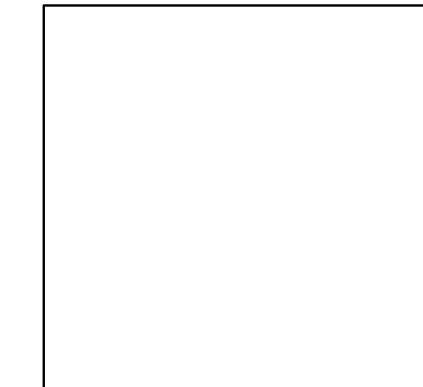
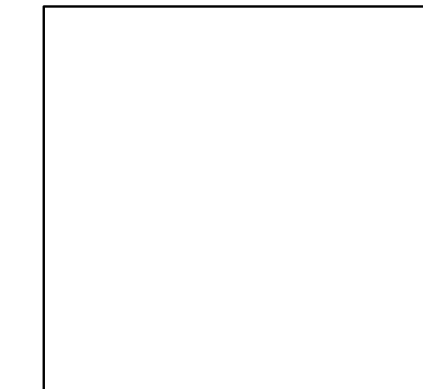
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JRD Engineering



REGISTRATION NUMBER F-10429
5711 MISTY BRIAR COURT
SUGAR LAND, TEXAS 77479
TEL: (713) 367-3132



Javid Dhuka
07/28/2026



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2000 Bering Drive, Suite 410
Houston, Texas 77057
713 781 5282
Fax 713 781 5347
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PLUMBING ABBREVIATION LEGEND & SCHEDULE

STONE HILL TOWN CENTER
CHOCOLATE BASH

1608 TOWN CENTER DRIVE, SUITE 150
PFLUGERVILLE, TX 78660

Project No. 2607
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Checked

Sheet No. P101

PLUMBING SCHEDULE					
ITEM	SPECIFICATION	CONN. SIZES			
		SIN	VENT	CW	HW
WC-01	AMERICAN STANDARD #2467.100. CADET P1911A, WATER CLOSET, WHITE, ELONGATED BOWL, FLOOR MOUNTED, 1.1 GALLON PER FLUSH, FULLY GRAZED 2-1/8" BALLPUSH TRIMMING, ELONGATED OPEN FRONT, LESS COVER AMERICAN STANDARD #5901.100. WATER CLOSET TO BE MOUNTED AT HANDICAP HEIGHT AND MEETING ADA REQUIREMENTS.	4"	2"	1"	---
LV-01	AMERICAN STANDARD #3055.012 LUCERNE WALL HANG LAVATORY WITH WALL HANGER, VITREOUS CHINA, FRONT OVERFLOW, 1-1/4" TRAP WITH CLEAN-OUT TAILPIECE AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. PROVIDE WITH 0.50 GPM SENSOR FAUCET WITH 4" TRIM PLATE, SLOAN OPTIMA #836-107-A WITH BATTERY PACK, INSULATE SUPPLY AND WASTE OF FIXTURES (HANDICAPPED) WITH TRUE BRO INC. FIXTURE TO BE MOUNTED AT HANDICAP HEIGHT AND MEETING ADA REQUIREMENTS.	2"	2"	1/2"	1/2"
SK-01	KRITERA MODEL #K33C1515-215 THREE COMPARTMENT SINK, STAINLESS STEEL CONSTRUCTION, FLOOR MOUNTED, MANUFACTURER PROVIDED FAUCET AND DRAINS, FULL SIZE INVERT WASTE TO FLOOR SINK, COORDINATE FINAL SELECTION WITH KITCHEN EQUIPMENT SUPPLIER.	2"	---	1/2"	1/2"
HS-03	REGENCY 18" x 24" STAINLESS STEEL BLENDER STATION WITH DUMP SINK AND FAUCET. COORDINATE FINAL SELECTION WITH KITCHEN EQUIPMENT SUPPLIER.	2"	---	1/2"	1/2"
HS-01	KRITERA WALL MOUNTED HAND SINK W/ LEFT & RIGHT SIDE SPLASHES, 13"W x 16"D x 13"H, MODEL #K33SP. COORDINATE FINAL SELECTION WITH KITCHEN EQUIPMENT SUPPLIER.	2"	---	1/2"	1/2"
HS-02	KRITERA ONE COMPARTMENT PREP SINK, 38-1/2" x 24"D x 43"H, MODEL #K33C1818-818. COORDINATE FINAL SELECTION WITH KITCHEN EQUIPMENT SUPPLIER.	2"	2"	1/2"	1/2"
MS-01	STEELETON 25" 18 GAUGE 304 STAINLESS STEEL ONE COMPARTMENT FLOOR MOP SINK, 24"x24"x6", 6" BOWL DEPTH.	3"	2"	1/2"	1/2"
EW-01	A.O. SMITH DEL-40 35 GALLON DEL-40 DURN-POWER COMMERICAL ELECTRICAL WATER HEATER LOWBOY 3PH, 4.5KW, 208V. COORDINATE VENT ROUTING AND SIZING PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WITH 18" METAL STAND, 2" GALV. DRAIN PAN AND STRAPS/TIES TO STRUCTURE.	3/4" TRAP AUX.	---	3/4"	3/4"
ET-01	A.O. SMITH PROMAX #PM-5 DOMESTIC WATER EXPANSION TANK, 5-GAL. TANK VOLUME FIELD-ADJUSTABLE 38 PSI AIR-CHARGE, 150 PSI MAX WORKING PRESSURE. PROVIDE STRAPS/TIES TO STRUCTURE.	---	---	---	3/4"
MF-01	WATTS #LFMAY HOT WATER MIXING VALVE. WATER TEMPERATURE TO BE SET AT 105 DEGREES. LEAD FREE.	---	---	3/4"	---
FD-01	ZURN #Z415-B01 FLOOR DRAIN, CAST IRON BODY WITH POLISHED NICKEL BRONZE STRAINER AND TRAP GUARD INSERT (PROSET SYSTEM #T033-ZURN)	3"	2"	---	---
FS-01	ZURN #Z1910-2 FLOOR SINK, 8-1/2" CAST IRON BODY WITH ACID RESISTING ENAMEL COATING, ANTI-SPLASH DOME STRAINER. PROVIDE WITH 1/2" GRATE WITH TRAP GUARD INSERT (PROSET SYSTEM DRAIN INSERT #T0-33-P)	3"	2"	---	---
FS-02	ZURN #Z1920-2 FLOOR SINK, 16-1/2" CAST IRON BODY WITH ACID RESISTING ENAMEL COATING, ANTI-SPLASH DOME STRAINER. PROVIDE WITH 1/2" GRATE WITH TRAP GUARD INSERT (PROSET SYSTEM DRAIN INSERT #T0-33-P)	3"	2"	---	---
GT-01	PARK EQUIPMENT USA #GT-1000 GREASE TRAP, CONCRETE CONSTRUCTION, 2 COMPARTMENTS, 4" INLET AND OUTLET, 3" VENT. TRAP/IC WATER CLOS. PROVIDE CONCRETE EXTENSION TO FINISH GRADE. INSTALL PER LOCAL CODE REQUIREMENTS.	4"	3"	---	---
SW-01	PARK EQUIPMENT USA #SWB-244 SAMPLE WELL, CONCRETE CONSTRUCTION, 24" DIAMETER, OFFSET INLET AND OUTLET, TOP UNIT TO BE AT FINISH GRADE.	4"	---	---	---
WCO	ZURN #Z-1446 WALL MOUNTED CLEANOUT WITH ROUND, SMOOTH STAINLESS STEEL ACCESS COVER.	2"x3/4"	---	---	---
FCO	ZURN #Z-1400-B FLOOR CLEANOUT PLUG WITH BRONZE TOP.	2"x3/4"	---	---	---
COTG	ZURN #Z-1400-K HEAVY DUTY CLEANOUT HOUSING, TO BE CENTERED IN A 18"x18" CONCRETE SLAB.	3"x4"	---	---	---
CU STUBOUT	ZURN #JSTUBR COPPER STUBOUT, ELBOW WITH FLANGE FOR CONNECTION TO PEX TUBING, END CLOSED FOR SYSTEM TESTING OF VALVES AND FITTINGS.	---	---	1/2" 3/4" 1"	---
NOTES:					

GENERAL PLUMBING NOTES

- ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
- THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- FURNISH A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE ARCHITECT REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS PREPARED BY THE ENGINEER-OF-RECORD AFTER FINAL INSPECTION OF INSTALLED PLUMBING SYSTEMS.
- FURNISH TO THE ARCHITECT A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS.
- PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED; EXPOSED PIPING, WHERE NECESSARY, SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS.
- WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE.
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL AUTHORITIES.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.
- PROVIDE CHECK VALVES IN HOT AND COLD WATER SUPPLIES FOR MOP SINK FAUCETS DOWNSTREAM OF SHUTOFF VALVES.
- COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10' MINIMUM CLEARANCE FROM AIR INTAKES. MAINTAIN 2' CLEARANCE FROM OTHER EQUIPMENT.
- INSULATE PIPING ROUTED IN EXTERIOR BUILDING WALLS WITH MINIMUM 2" BATT INSULATION TO PREVENT FREEZING.

LEGEND NOTES

- A. THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT.

PLUMBING ABBREVIATIONS

AD	AREA DRAIN	INV	INVERT OF PIPE ELEVATION
AFF	ABOVE FINISHED FLOOR	JC	JANITORS SINK
AFC	ABOVE FINISHED CEILING	KW	KILOWATT
BFP	BACK FLOW PREVENTER	KEC	KITCHEN EQUIPMENT CONTRACTOR
BV	BALL VALVE	LAV	LAVATORY
CV	CHECK VALVE	NIC	NOT IN (SECTION 15400)
CO	CLEAN OUT		CONTRACT
CONN	CONNECTION	NO	NORMALLY OPEN
CONT.	CONTINUATION	NC	NORMALLY CLOSED
CLG	CEILING	NTS	NOT TO SCALE
CFH	CUBIC FEET PER HOUR	OFCI	OWNER FURNISHED AND CONTRACTOR INSTALLED
CONTR.	CONTRACTOR	OFI	OWNER FURNISHED AND INSTALLED
DWG	DRAWING	PSI	POUNDS PER SQUARE INCH
DF	DRINKING FOUNTAIN	PC	PLUMBING CONTRACTOR (SECTION 15400)
DFU	DRAINAGE FIXTURE UNIT	PRV	PRESSURE REDUCING VLVE
EC	ELECTRICAL CONTRACTOR (DIVISION 16)	S.F.	SQUARE FEET
EWC	ELECTRIC WATER COOLER	SFU	SANITARY FIXTURE UNIT
EL	ELEVATION	SHWR	SHOWER
FPC	FIRE PROTECTION CONTRACTOR (SECTION 15300)	SK	SINK
FLR	FLOOR	TOP	TOP OF PIPE ELEVATION
FFE	FINISHED FLOOR ELEVATION	TP	TRAP PRIMER
FU	FIXTURE UNIT	TYP	TYPICAL
GAL	GALLON	UR	URINAL
GPM	GALLONS PER MINUTE	VTR	VENT THROUGH ROOF
GT	GREASE TRAP	W.C.	WATER COLUMN
GC	GENERAL CONTRACTOR	WHA	WATER HAMMER ARRESTER
GPD	GALLONS PER DAY	WTS	WATER TIGHT SLEEVE
HVAC	HEATING VENTILATION AND AIR CONDITIONING (SECTION 15600)	W&V	WASTE AND VENT
		WC	WATER CLOSET
		WS	WASTE STACK

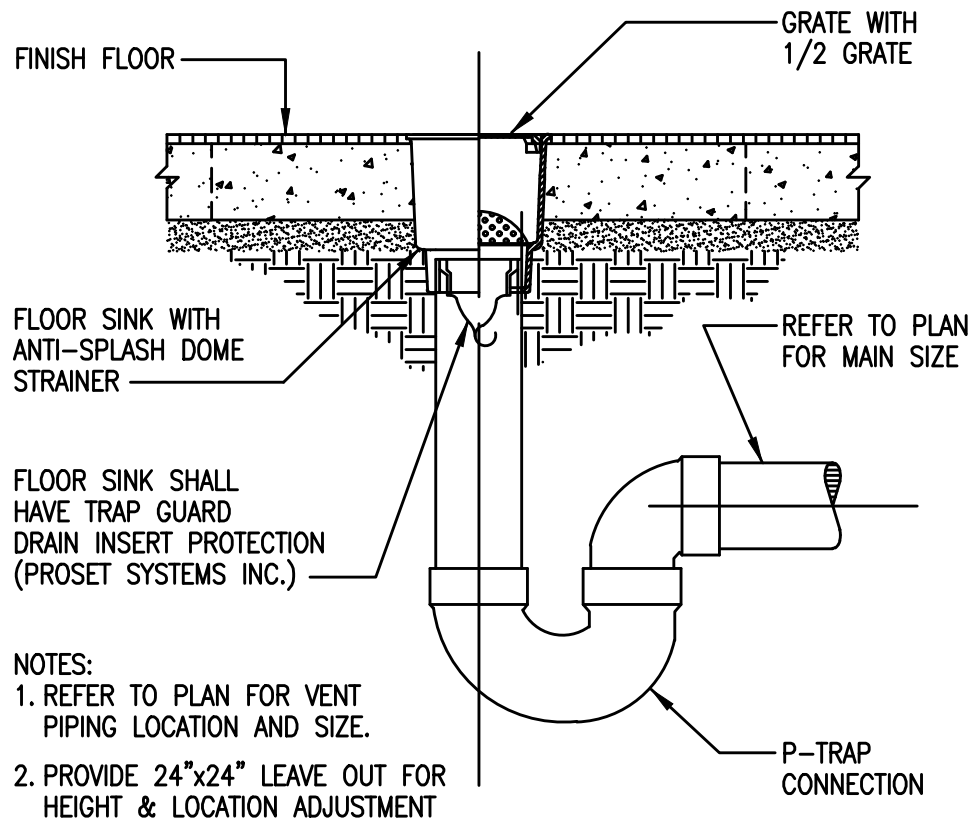
STANDARD MOUNTING HEIGHTS

REFER TO THE ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHTS. UNO, INSTALL PLUMBING FIXTURES WITH THE MOUNTING HEIGHTS AS LISTED BELOW WITH FINAL APPROVAL BY THE ARCHITECT.

ADA ACCESSIBLE DRINKING FOUNTAIN	17" FLOOR TO RIM
ADA ACCESSIBLE LAVATORIES	34" FLOOR TO RIM
ADA ACCESSIBLE URINALS	17" FLOOR TO RIM
ADA ACCESSIBLE WATER CLOSET	17" TO 19" FLOOR TO TOP OF SEAT
ADA ACCESSIBLE WATER COOLER	35" FLOOR TO RIM
ADULT STANDARD DRINKING FOUNTAIN	40" FLOOR TO RIM
ADULT STANDARD WATER COOLER	30" FLOOR TO RIM
CHILD STANDARD DRINKING FOUNTAIN	30" FLOOR TO RIM
CHILD STANDARD WATER COOLER	14" FLOOR TO RIM
JANITOR'S SINK FAUCET FITTINGS	42" FLOOR TO CENTERLINE
HOSE BIBBS	36" AFF TO CENTERLINE
LAVATORY OR SINK	31" FLOOR TO RIM
NON FREEZE HYDRANT	18" AFG TO CENTERLINE
WATER CLOSET	15" FLOOR TO RIM

PLUMBING SYMBOLS LEGEND:

	COLD WATER PIPING (CW)
	HOT WATER PIPING (HW)
	CONDENSATE EQUIPMENT DRAIN PIPING (D)
	TRAP PRIMER LINE (TP)
	VENT PIPING (V)
	SANITARY PIPING ABOVE FLOOR (S)
	SANITARY PIPING BELOW FLOOR (S)
	WASTE PIPING ABOVE FLOOR (W)
	WASTE PIPING BELOW FLOOR (W)
	STORM PIPING ABOVE FLOOR (ST)
	STORM PIPING BELOW GRADE (ST)
	CONDENSATE DRAIN
	ELBOW UP & ELBOW DOWN IN PIPING
	TEE UP & TEE DOWN IN PIPING
	BALL VALVE
	BUTTERFLY VALVE
	CHECK VALVE
	WATER HAMMER ARRESTER WITH PDI SIZES: A, B, C, D, AND E
	UNION
	TRAP PRIMER
	WALL HYDRANT
	HOSE BIBB
	WALL CLEANOUT (WCO)
	CAP ON END OF PIPE
	STRAINER
	FLOOR CLEANOUT (FCO)
	PRESSURE REDUCING VALVE (PVR)
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	ROOF DRAIN (RD)
	REFER TO KEYED NOTE
	WATER FLOW SWITCH
	FLOOR DRAIN/FLOOR SINK (FD)(FS)
	HUB DRAIN (HD)
	SHOCK ABSORBER



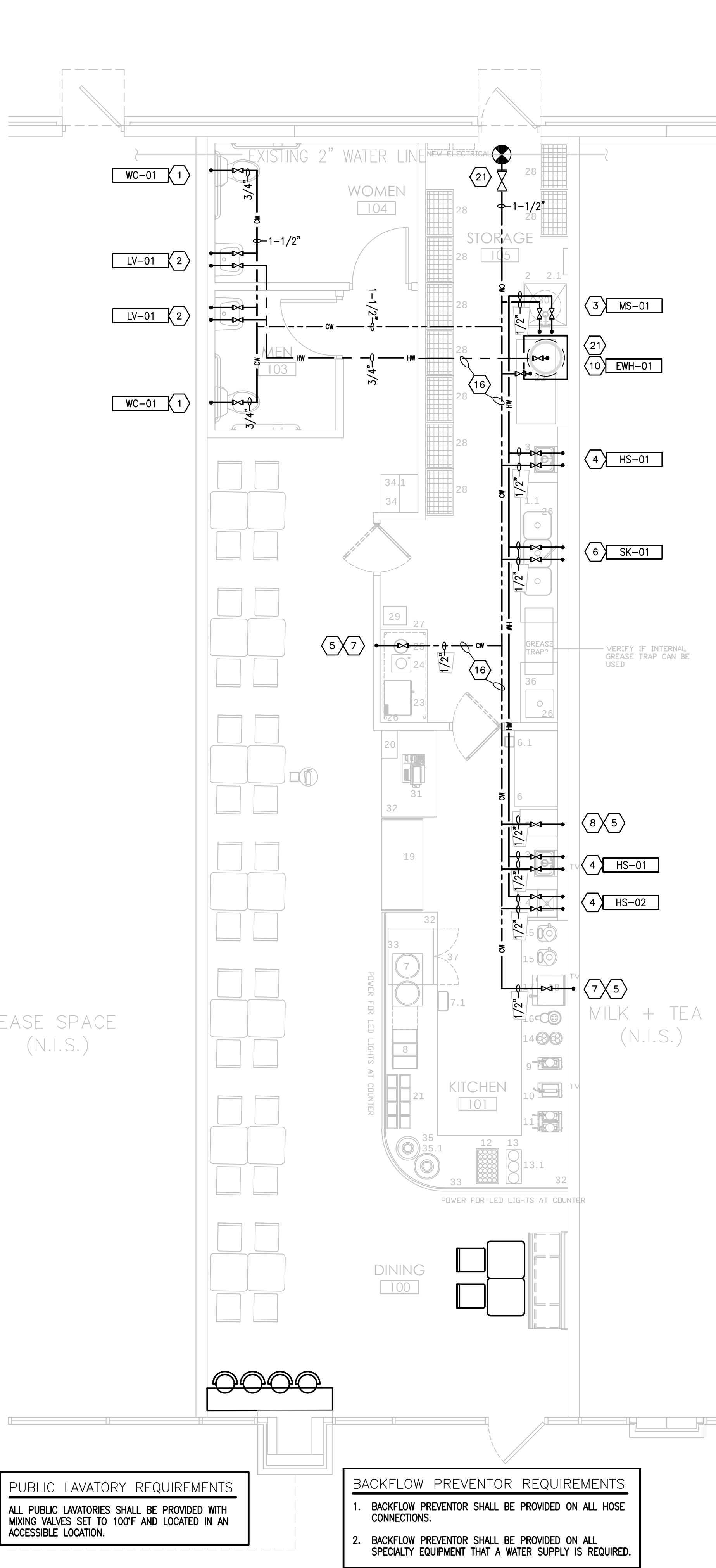
1 FLOOR DRAIN SCALE: NONE

FIRE SPRINKLER NOTE:

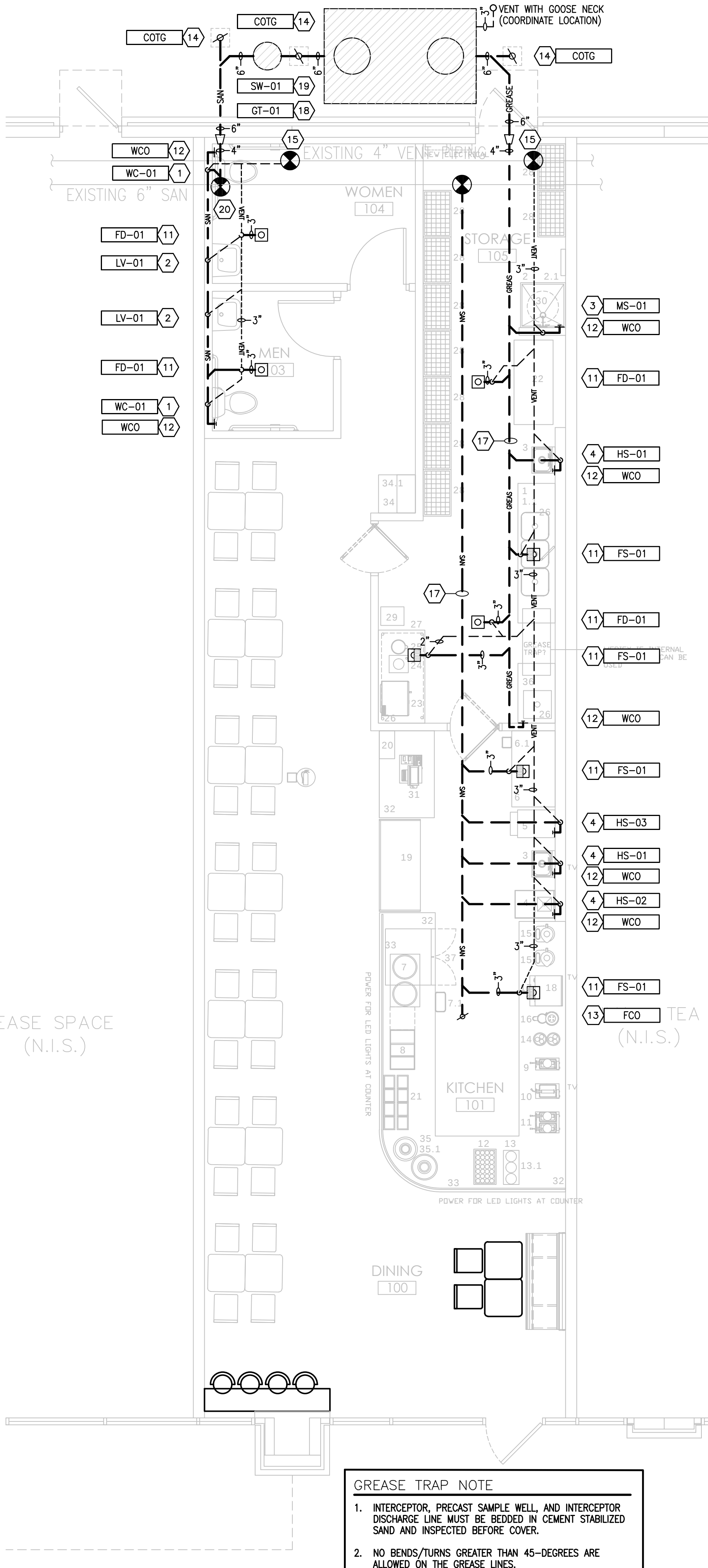
LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, SHALL MODIFY AN AUTOMATIC FIRE SPRINKLER SYSTEM IN THIS SPACE. TO COMPLY WITH SPACE LAYOUT, NFPA 13, ALL STATE AND LOCAL CODE REQUIREMENTS.

PIPING MATERIALS

- SANITARY WASTE:** SERVICE WEIGHT CAST IRON BELL & SPIGOT WITH "TY SEAL" JOINTS.
BELOW SLAB WHICH IS ON EARTH FILL AND BELOW GRADE: SCHEDULE 40 PVC PIPE AS MANUFACTURED BY NORTH AMERICAN PIPE AND FITTINGS AS MANUFACTURED BY LASCO FITTINGS AND PLASTIC TRENDS, INC. WITH SOLVENT CEMENT JOINTS. CEMENT SHALL BE HEAVY DUTY SLOW SET TYPE APPROVED BY PIPE MANUFACTURER SIMILAR TO IPS WELDON #77. COMPLETE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH PUBLISHED MANUFACTURER'S RECOMMENDATIONS. SCHEDULE 40 PVC PIPE AND FITTINGS SHALL BE MANUFACTURED TO ASTM D 2665 AND NSF STANDARD.
- VENT BRANCHES:** SERVICE WEIGHT CAST IRON NO-HUB PIPE & FITTINGS WITH NO-HUB JOINTS. PVC ALLOWED IF NOT IN RETURN AIR PLENUM.
- DOMESTIC WATER:** TYPE "L" COPPER TUBING WITH WROUGHT COPPER FITTINGS AND 95/5 (TIN/ANTIMONY) SOLDER JOINTS.



2 PLUMBING FLOOR PLAN - WATER
SCALE: 1/4" = 1'-0"



1 PLUMBING FLOOR PLAN - SANITARY
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. ALL WORK TO MEET LOCAL CITY BUILDING CODE REQUIREMENTS.
2. PLUMBING CONTRACTOR TO MEET ALL REQUIREMENTS OF THE 2021 INTERNATIONAL CODE COUNCIL (ICC).
3. ALL MATERIALS TO BE OF COMMERCIAL QUALITY AND INSTALLATION TO BE WARRANTED BY PLUMBING CONTRACTOR.
4. ALL HANDICAP REQUIREMENTS TO MEET STATE A.D.A. AND CITY REQUIREMENTS
5. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
6. CONDENSATE PIPING FOR AIR HANDLERS TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
7. PLUMBING CONTRACTOR (P.C.) TO MAKE FINAL CONNECTIONS TO OWNER SUPPLIED EQUIPMENT AND KITCHEN EQUIPMENT. VERIFY WITH KITCHEN VENDOR PRIOR TO FINAL CONNECTION AND PLUMBING PIPING ROUGH-IN CONNECTIONS.
8. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PERMITS AND INSPECTIONS, FIELD CHANGES OR MODIFICATIONS TO THIS DOCUMENT MUST COMPLY WITH LOCAL CODES.
9. ALL EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATION.
10. PROVIDE ALL FITTINGS FOR PROPER INSTALLATION OF EQUIPMENT.
11. ALL EQUIPMENT CONNECTED TO THE POTABLE WATER SYSTEM CAN CREATE A POTENTIAL CROSS-CONNECTION ISSUE THAT MAY AFFECT PUBLIC HEALTH, REQUIRES BACKFLOW PROTECTION AS PER IPC CODE SECTION 608. ALL BACKFLOW PREVENTION DEVICES WILL BE 3RD PARTY CERTIFIED. INSTALL AT EACH POINT OF USE.

KEYED NOTES

- 1 4" SANITARY SEWER DOWN 2" VENT UP FROM WATER CLOSET. DROP 3/4" CW DOWN TO SERVE WATER CLOSET. PROVIDE SHUT-OFF VALVE ABOVE CEILING. TYPICAL FOR ALL TOILETS.
- 2 2" SANITARY SEWER DOWN 2" VENT UP FROM LAV/HAND SINK. 1/2" CW & 1/2" TEMPERED WATER DOWN TO SERVE LAVATORY/SINKS.
- 3 3" SANITARY SEWER DOWN 2" VENT TO SERVE MOP SINK. 1/2" CW & 1/2" HW DOWN TO SERVE MOP SINK.
- 4 2" SANITARY SEWER DOWN 2" VENT UP FROM HAND SINK. 1/2" CW & 1/2" HW DOWN TO SERVE FIXTURE. REFER TO KITCHEN FIXTURES TYPE AND FINAL CONNECTIONS.
- 5 PROVIDE WATER HAMMER ARRESTORS TO WATER SUPPLY CONNECTION. SEE DETAIL 3/P401.
- 6 1/2" CW & 1/2" HW DOWN TO SERVE SINK. REFER TO KITCHEN FIXTURES TYPE AND FINAL CONNECTIONS.
- 7 1/2" HW WITH BACKFLOW DOWN TO ESPRESSO MACHINE. COORDINATE CONNECTION LOCATION AND TYPE WITH EQUIPMENT VENDOR.
- 8 1/2" CW WITH BACKFLOW DOWN TO ICE MAKER. COORDINATE CONNECTION LOCATION AND TYPE WITH EQUIPMENT VENDOR.
- 9 PROVIDE MIXING VALVE IN ACCESSIBLE LOCATION. MIXING VALE SET TO 100 DEG F.
- 10 PROVIDE AND INSTALL GAS WATER HEATER (GWH-01) AND EXPANSION TANK (ET-01) ON STAND. PROVIDE WITH SHUT-OFF VALVES. ROUTE TAP AND AUX TO APPROVED LOCATION. INSTALL INLET AND EXHAUST AIR PIPING TO EXTERIOR PER MANUFACTURES RECOMMENDATION AND CLEARANCES.
- 11 3" SANITARY SEWER DOWN 2" VENT UP FROM FLOOR DRAIN/SINK. PROVIDE DRAIN WITH TRAP GUARD.
- 12 PROVIDE WALL CLEAN OUT (WCO) AS PER DETAIL.
- 13 PROVIDE FLOOR CLEAN OUT (FCO) AS PER DETAIL.
- 14 PROVIDE CLEAN OUT AT GRADE (COTG) AS PER DETAIL.
- 15 COORDINATE CONNECTION OF VENT TO EXISTING BUILDING VENT SYSTEM. VERIFY LOCATION OF EXISTING VENT TO ROOF (VTR) PRIOR TO INSTALLATION.
- 16 PIPING SUSPENDED FROM STRUCTURE. REFER TO DETAIL.
- 17 MINIMUM SLOPE FOR SANITARY SEWER LINE TO BE 1/8" PER FOOT FOR 4" SANITARY LINES. 1/4" MIN. SLOPE PER FOOT FOR 2" AND 3" LINES.
- 18 GREASE TRAP. REFER TO SCHEDULE AND DETAILS FOR INSTALLATION.
- 19 SAMPLE WELL. REFER TO SCHEDULE AND DETAILS FOR INSTALLATION.
- 20 COORDINATE CONNECTION TO EXISTING BUILDING SANITARY SYSTEM. VERIFY LOCATION OF EXISTING LINE AND INVERT ELEVATION PRIOR TO INSTALLATION.
- 21 COORDINATE CONNECTION TO EXISTING BUILDING WATER LINE AND TENANT VALVE. VERIFY LOCATION OF EXISTING WATER LINE PRIOR TO INSTALLATION.

- IF ONE DOES NOT ALREADY EXIST, TENANT MUST install water wireless cellular sub meter in easily accessible location. Coordinate with NewQuest Construction Manager on spec and location. - Neptune 'Encoder Type' ... see attached doc

-Water piping to be type L copper. Insulate all hot and cold-water pipes.

-All restrooms must have floor drains. Provide trap primer at all floor drains.

-Provide hot and cold-water supply shutoff valves at all fixtures and equipment.

-All exterior installed items to be painted to match the exterior of the building.

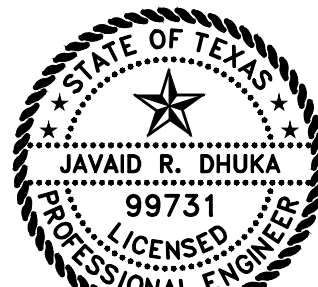
-Co2 tanks must be installed within the lease premises not in the common area.

Date issued/revised
28 JULY 2026 - FOR PERMIT

M/E/P/ ENGINEER:
JRD Engineering



REGISTRATION NUMBER F-10429
5711 MISTY BRIAR COURT
SUGAR LAND, TEXAS 77479
TEL: (713) 367-3132



Javid R. Dhuka
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OSBORN & VANE ARCHITECTS

2000 Bering Drive, Suite 410
Houston, Texas 77057
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PLUMBING FLOOR PLANS

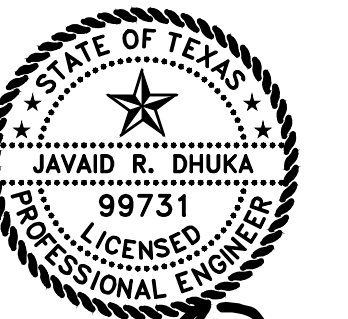
STONE HILL TOWN CENTER
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1608 TOWN CENTER DRIVE, SUITE 150
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Sheet No.



Product Description

3M™ Dusted and Frosted CRYSTAL Glass Finishes (the “Products”) offer the designs of sandblasted (dusted) or etched (frosted) glass, at a fraction of the cost. On a user test and approve basis, you can digitally print on the Products for both customization and personalization options. These Products have a permanent, pressure-sensitive adhesive and a translucent polyester liner for easy cutting. They are available in a Dusted Crystal finish in translucent white and a Frosted Crystal finish in translucent white and gold. The Products can be used in applications on the surface of interior glass, interior perimeter glass (the “Interior Applications”), and vertical exterior glass (the “Exterior Applications”).

IMPORTANT NOTE

Please refer to the 3M™ CRYSTAL Installation Guide for additional information on wet application.

Featured Benefits

- Achieve the look of sandblasted or etched glass
- Create custom cut shapes to promote your brand and design
- Provide privacy in interior or exterior spaces while maintaining an open feel
- Easy application - wet application method virtually eliminates air bubbles, simplifying and speeding application
- Expected Performance Life is 15 years for interior applications on non-perimeter glass (see Warranty).

Product Characteristics

The values in these tables are typical, and are based on test data deemed reliable but are not warranted.

Characteristic		Value
Material	Film	Vinyl
	Adhesive	Pressure-sensitive acrylic, permanent
	Release Liner	Silicone-coated polyester
Thickness	Film + Adhesive	3.2 mils (81 microns) - 7725SE-314 Dusted Crystal White 4.7 mils (120 microns) - 7725SE-324 Frosted Crystal White
	Release Liner	3.5 mils (89 microns)
Maximum Roll Size		60 in. x 150 ft. (152 cm x 46 m) - 7725SE-314 Dusted White & 7725SE-324 Frosted Crystal White 48 in. x 150 ft. (122 cm x 46 m) - All colors
Maximum Weight		62 lb. (29 kg) (approx.) 60 in. x 150 ft. roll 49 lb. (23 kg) (approx.) 48 in. x 150 ft. roll
Products		7725SE-314: Dusted Crystal White VE16709: No Logo Liner Dusted Crystal White 7725SE-324: Frosted Crystal White VE14704: Smooth Frosted Crystal White 7725SE-331: Smooth Frosted Crystal Gold

Product Performance

The values in these tables are typical, and are based on test data deemed reliable but are not warranted.

Characteristics	Value	
Adhesion 24 hours after application *	Acrylic, Glass, and Polycarbonate	4 lb./in. (18 N/25mm)
Fire Resistance	When used in Interior Applications on glass, Products have Class A rating per ASTM E84 Test Method, as defined by NFPA 101 “Life Safety Code”	
VOC Emissions Test	Compliant as low emitting per CA Specification 01350, tested per CDPH Standard Method V1.1-2010.	
Tensile Strength Minimum	Dusted Crystal	Frosted Crystal
	5 lb./in. at 73°F (23N / 25mm at 23°C)	3.5 lb./in. at 73°F (15N / 25mm at 23°C)

* Test specimens were applied to the substrate and conditioned at 68 F (20 C), then peel tested at 180 degree at a tensile speed of 12 inches (300 mm) per minute.

3M™ Dusted and Frosted CRYSTAL Glass Finishes

Optical Performance Characteristics

The optical values are calculated as theoretical values and compiled with existing data. The values in these tables are typical, and are based on test data deemed reliable but are not warranted.

Characteristic		Dusted CRYSTAL	Frosted CRYSTAL
Shading Coefficient *		0.93	0.82
Solar Heat (%)	Reflectance *	7%	10%
	Transmittance *	76%	64%
	Absorbance *	17%	26%
Visible Light (%)	Reflectance *	8%	12%
	Transmittance *	85%	72%
UV (%)	Transmittance *	27%	20%

* As measured on 6mm clear glass.

Resistance to Cleaners and Disinfectants

Glass finishes are wet applied to glass and allowed to dry for at least 48 hours. For wipe testing, the cleaner or disinfectant is applied to the sample to simulate routine use in a healthcare setting, and then wiped off with a cloth. For immersion testing, the sample is immersed in the cleaner or disinfectant for 10 minutes or up to 24 hours, then rinsed with water and allowed to dry. Any change in the surface of the glass finish is noted. Other cleaners and disinfectants with the same active ingredient are expected to perform similarly.

Cleaner or Disinfectant	Wipe Testing Result	Immersion Time	Immersion Testing Result
3M™ C. diff Solution Tablets Concentrate	No visible change	24 hours	No visible change
3M™ HB Quat Disinfectant Cleaner Concentrate #25A	No visible change	24 hours	No visible change
3M™ Neutral Quat Disinfectant Cleaner Concentrate # 23	No visible change	10 minutes	No visible change
Isopropyl Alcohol – 70% IPA/30% water	No visible change	24 hours	No visible change
3M™ MBS Cleaner Concentrate #41	No visible change	10 minutes	No visible change
3M™ Quat Disinfectant Cleaner Concentrate #5A	No visible change	24 hours	No visible change
3M™ RCT Disinfectant Cleaner Concentrate #40A	No visible change	24 hours	No visible change
Clorox® Bleach - 50% bleach/50% water	No visible change	10 minutes	No visible change

Product Use

The user is solely responsible for evaluating and determining whether these 3M Products are suitable and appropriate for any particular use or manufacturing process in which they may be used.

3M™ Dusted and Frosted CRYSTAL Glass Finishes

Application and Removal Guidelines

The values in these tables are typical, and are based on test data deemed reliable but are not warranted. See the 3M™ CRYSTAL Glass Finishes Installation Guide for additional information.

Characteristic	Value
Application Surface Type	Flat
Application Surface Material	Glass, acrylic, polycarbonate
Application Location	Interior and exterior applications.
Application Temperature	54°F - 100°F (12°C - 38°C) air and application surface
Application Method	Wet application
Applied Product Shrinkage	0.01 in. (0.3mm) maximum
Applied Product Exposure Temperature	-40°F - +149°F (-40°C - +65°C)
High Humidity Environments	Products are not recommended for Interior Applications where condensation consistently occurs.
Product Removal	Low heat, or 3M Adhesive Remover Citrus Base and scraper

NOTE: Removing the Product too quickly can result in excessive adhesive left on the substrate. If necessary, heat a small section of the film with a heat gun to soften the adhesive, peel back slowly, then heat and remove the next section.

Processing Options

Inkjet Printing

3M™ Dusted and Frosted CRYSTAL Glass Finishes may be inkjet printed or screen printed with UV-cured or solvent inks on a user test and approve basis. No warranty is made for the quality or durability of printed Product. 3M offers:

- No Logo Liner Dusted Crystal VE16709 for use with printing
- Smooth Frosted CRYSTAL VE14704 for use with application tape and cutting.
- Smooth Frosted Gold CRYSTAL 7725SE-331 for use with application tape and cutting.

Cutting

Based on electronic cutting and weeding evaluations that used Helvetica medium upper case, the recommended minimum cutting height for text is 0.375 in. (0.95 cm). Because of the differences in electronically controlled cutting equipment and font characteristics, users should determine their own cutting and weeding capability.

- Sharpness of the knife blade. Dull blades create a serrated look to the cut edge of the Product.
- Weight on the knife blade. The ideal weight slightly scores the liner. Too little weight does not cut completely through the film and adhesive. Excessive weight cuts the liner. It also causes the blade to drag, accelerating wear and eventually creating a serrated cut edge on the Product.
- Temperature and relative humidity are minor considerations, but avoid extreme or rapidly fluctuating conditions.
- Store the Product in the same environment as the cutting equipment.
- Consider the stroke width of characters, style of serifs or extensions, and small details of scanned or digitized artwork.

The minimum recommended stroke width is 0.040 in. (1.0 mm) when the Product will be exposed to cleaning or other physical stress.

Weeding

Please see the 3M™ Dusted and Frosted CRYSTAL Glass Finishes Installation Guide for details. An application tape can be laminated to the product to support the cut shapes. Please see the 3M™ Dusted and Frosted CRYSTAL Glass Finishes Installation Guide for recommended applications tapes.

3M™ Dusted and Frosted CRYSTAL Glass Finishes

Shelf Life and Storage

Shelf Life

Apply the Product within 2 years of the date of purchase. The storage conditions specified in this document must be maintained for full shelf life.

Storage Conditions

- 40°F - 90°F (4°C - 32°C)
- Away from direct sunlight and high humidity
- Clean, dry area
- Original container with end caps, in the plastic sleeve, stored horizontally, a maximum of 6 cartons high
- Bring the Product to room temperature before application

Cleaning and Maintenance

NOTE: The Product may be cleaned beginning 30 days after installation.

Regular cleaning will help maintain the Product's appearance. Use only clean, nick-free tools and wipe gently only in one direction. Do not use ammonia, chlorine, or organic-based cleaning products, polishing or cleaning compound, sponges, brushes or electric polishing equipment

- If there is dust and grit, wipe it off with a soft, damp cloth.
- If it is soiled, but not gritty, use water and squeegee.
- If there is heavier soil, use a mild liquid detergent and water solution, then clear water, and wipe gently with a cloth.
- Use spray window cleaning products only if needed for stubborn soil. Spray, then wipe gently with a cloth. Then rinse with clean water and wipe gently with a cloth. Acceptable window cleaners for occasional use are 3MTM Glass Cleaner and Protector Concentrate #17, Windex® Original Glass Cleaner, Sprayway® Glass Cleaner Foaming Aerosol Spray, and 10% Isopropyl Alcohol in 90% water.

Health and Safety

CAUTION

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to [3M.com/SDS](https://www.3m.com/SDS), or by mail or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

WARNING

To reduce the risks of personal injury and/or property damage associated with glass breakage:

A glass surface covered by a film with areas of high opacity or dark-colored ink will absorb more heat than other glass surfaces when exposed to sunlight. Heat absorption can create thermal expansion that could result in glass breakage or cracking. Do not use a film with areas of high opacity or dark-colored ink on glass surfaces with significant exposure to sunlight.

Technical Information

Technical information and data, recommendations, and other statements provided by 3M are based on information, tests, or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed. Such technical information and data are intended for persons with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. The typical values shown should not be used for the purpose of specification limits. If you have questions about this Product, contact the Technical Service helpline at 1-800-328-3908.

3M™ Dusted and Frosted CRYSTAL Glass Finishes

LEEDv4 Credits

This section describes some of the options for acquiring LEED credits using 3M™ Dusted and Frosted CRYSTAL Glass Finishes.

NOTE: Each application is different. It is the sole responsibility of the end user to evaluate and determine whether LEED credits can be acquired.

ID+C MR Credit, Interiors Life-Cycle Impact Reduction

- Option 1: Interior Reuse - Product can be used to refinish salvaged, refurbished, or reused building materials

ID+C, BD+C EQ Credit, Low-Emitting Materials

- Product has been tested to and is in compliance with the General Emissions Evaluation (California Department of Public Health (CDPH) Standard Method V1.1-2010)

ID+C, BD+C EQ Credit, Daylight

- Product can be used to enable daylight in enclosed spaces

BD+C MR Credit, Building Life-Cycle Impact Reduction

- Option 3: Building and Material Reuse - Product can be used to refinish salvaged, refurbished, or reused building materials

O+M MR Credit, Purchasing - Facility Maintenance and Renovation

- Product can be used to refinish salvaged, refurbished, or reused building materials
- Product has been tested to and is in compliance with the General Emissions Evaluation (California Department of Public Health (CDPH) Standard Method V1.1-2010)

BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION INFORMATION

Environmental Product Declaration (EPD) or Life Cycle Analysis (LCA)

EPD and/or LCA information not available.

Raw Material Source and Extraction Reporting

Raw Material source and extraction information for this product is considered to be 3M confidential and is therefore not available.

Extended Producer Responsibility

Take-back or recycling program for this product is not available.

Bio-based Materials

Product have not been tested to ASTM D6866.

Wood Products

Product does not contain wood-based materials.

Materials Reuse

Product can be used to refinish salvaged, refurbished, or reused building materials.

Recycled Content

Product does not contain pre- or post-consumer recycled content.

3M™ Dusted and Frosted CRYSTAL Glass Finishes

Warranty

Product

3M™ Dusted and Frosted CRYSTAL Glass Finishes (the “Product”).

3M Basic Product Warranty

The Product(s) specified in this document are warranted to be free of defects in materials and manufacture (“3M Basic Product Warranty”) on the date of shipment (“Warranty Period”) by 3M or its authorized distributor.

Limited Warranty

- For Products used in Interior Applications or Exterior Applications in the continental United States, 3M makes the following warranty (the “3M Limited Warranty”) for the applicable time period stated below (“Warranty Period”), which will begin on the earlier of: (a) Product installation date; or (b) six months after 3M's Product shipment date.

The Product will have no significant discoloration, cracking or other similar visual defects for the applicable time period below:

Application		Warranty Period
Interior Applications	Excluding building perimeter glass	15 years
	Building perimeter glass	5 years
Exterior Applications	Vertical glass	3 years
Plastic application surfaces		Not warranted

- For a buyer’s convenience, 3M may provide engineering or technical information, recommendations, installation instructions, and other information or materials relating to Product (“Other Product Information”), but 3M makes only the 3M Basic Product Warranty and the 3M Limited Warranty and does not warrant any Other Product Information.
- 3M has no obligation under the 3M Basic Product Warranty or the 3M Limited Warranty as to Product that has been: (a) modified, altered or processed in any manner; (b) stored, applied, installed, or used in a manner other than that 3M recommends in this document and in all Other Product Information; (c) damaged through contact with a person or thing, misuse, accident, neglect, or other action by anyone other than 3M; (d) improperly installed, including, without limitation, installation after the expiration the Product’s shelf life or installation without proper surface preparation, or (e) exposed to excessive heat, humidity, dirt or UV light.
- EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, THE 3M BASIC PRODUCT WARRANTY AND 3M LIMITED WARRANTY ARE MADE IN LIEU OF ALL OTHER WARRANTIES, RIGHTS OR CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE AND THOSE ARISING FROM A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. THE BUYER IS RESPONSIBLE FOR DETERMINING IF A PRODUCT IS SUITABLE FOR ITS PARTICULAR PURPOSE AND ITS APPLICATION METHODS.
- 3M must receive any 3M Basic Product Warranty or 3M Limited Warranty claim in writing no later than 10 business days after (a) the end of the Warranty Period or (b) the discovery of the 3M Warranty claim, whichever is earlier.

WARRANTY (continued)

Limited Remedy

IF ANY PRODUCT IS PROVEN NOT TO HAVE MET THE 3M BASIC PRODUCT WARRANTY OR THE 3M LIMITED WARRANTY DURING THE WARRANTY PERIOD, THEN THE BUYER'S EXCLUSIVE REMEDY, AND 3M'S SOLE OBLIGATION, WILL BE, AT 3M'S OPTION, TO REPLACE THE NONCONFORMING PRODUCT OR TO REFUND THE NONCONFORMING PRODUCT'S PURCHASE PRICE.

No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

Limitation of Liability

3M WILL NOT UNDER ANY CIRCUMSTANCES BE LIABLE TO A BUYER FOR DIRECT (other than the Limited Remedy stated above), SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES (INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS) IN ANY WAY RELATED TO THE PRODUCT, THE TECH DATA SHEET OR OTHER PRODUCT INFORMATION, REGARDLESS OF THE LEGAL OR EQUITABLE THEORY ON WHICH SUCH DAMAGES ARE SOUGHT.

Commercial Solutions

3M Center, Building 220-12E-04
St. Paul, MN 55144

1-800-328-3908
3M.com/Graphics

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