

**GENERAL PROJECT NOTES**

**SUMMARY OF WORK**

INTERIOR REMODELING OF EXISTING 6250SF SPACE TO A NEW BBQ RESTAURANT. PROVIDE ALL NECESSARY ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING WORK.

**GENERAL INSTRUCTIONS**

THESE DRAWINGS ARE SCOPE DOCUMENTS INDICATING THE GENERAL PROJECT DESIGN CONCEPT, DIMENSIONS OF THE PROJECT, MAJOR ARCHITECTURAL ELEMENTS, AND BASIC ORGANIZATION OF MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. AS SCOPE DOCUMENTS, THESE DRAWINGS DO NOT NECESSARILY DESCRIBE OR INDICATE ALL MATERIALS OR WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE PROJECT. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR(S) SHALL FURNISH ALL ITEMS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE PROPOSED PROJECT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE FAILURE OF THE CONTRACTOR(S) TO EXECUTE NECESSARY WORK OR TO SUPPLY REQUIRED MATERIALS FOR PROPER COMPLETION OF THIS PROJECT. FURTHER MORE THE ARCHITECT MAKES NO WARRANTY EXPRESSED OR IMPLIED ON THESE DOCUMENTS.

DUE TO THE NATURE OF THIS WORK THE ARCHITECT DOES NOT WARRANT THE EXISTING CONDITIONS AS DEPICTED IN THESE DRAWINGS AS BUILT CONDITIONS. THE MEASUREMENTS ON THESE DRAWINGS ARE REASONABLY ACCURATE FOR THE PURPOSE OF "FIGURING." HOWEVER, IN THE EXECUTION OF WORK ON THE JOB, DO NOT SCALE DRAWINGS. EACH CONTRACTOR IS REQUIRED TO VERIFY ALL DIMENSIONS WITH THE ACTUAL CONDITIONS AND TO REPORT ANY DISCREPANCIES TO THE ARCHITECT, OWNER, OR THE OWNER'S REPRESENTATIVE.

CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS AND FEES REQUIRED TO PERFORM THE WORK, UNLESS DIRECTED OTHERWISE BY OWNER.

EACH CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE AND SAFETY OF HIS OWN MATERIALS AND WORK, AND FOR PROPERLY REMOVING HIS DEBRIS FROM THE JOB SITE. GENERAL CONTRACTOR (GC) SHALL PROVIDE FOR ALL SITE DEMOLITION AND DEBRIS REMOVAL REQUIRED TO PERFORM NEW CONSTRUCTION WHILE ADEQUATELY MAINTAINING THE PREMISES AND ADJACENT PREMISES TO INSURE NORMAL OCCUPANCY AND SECURITY. THE GC SHALL COORDINATE PROPER TRANSPORTATION AND STORAGE OF BUILDING MATERIALS ON THE SITE TO AVOID OVERLOADING OF EXISTING FLOOR.

CONTRACTORS INSTALLING PIPES, DUCTS AND CONDUIT WILL BE REQUIRED TO DO ALL CUTTING AND PATCHING IN CONNECTION WITH THEIR WORK, INCLUDING EXCAVATION AND DIGGING. THE OWNER WILL ASSUME NO RESPONSIBILITY FOR THE COST OF CHANGES OR EXTRA WORK MADE NECESSARY BY THE FAILURE OF TRADES TO COORDINATE THEIR WORK DURING CONSTRUCTION.

WHERE APPLICABLE THE GC SHALL CONSTRUCT PHYSICAL BARRIERS AROUND AREAS UNDER CONSTRUCTION AS REQUIRED TO ENSURE GENERAL PUBLIC AND PERSONAL SAFETY.

THE GC SHALL SUPERVISE AND DIRECT THE WORK, HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. THE GC SHALL BE RESPONSIBLE FOR COORDINATING ALL PORTIONS OF THE WORK UNDER HIS CONTRACT. ALL WORK SHALL BE COMPLETED USING PRACTICES ACCEPTED AND ENDORSED BY THE CORRESPONDING TRADE INDUSTRIES.

THE TERM "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL.

THE CONTRACT AND SUBCONTRACT AMOUNTS SHALL PROVIDE COMPLETE WORKING MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS COMMENSURATE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE APPLICABLE CODES.

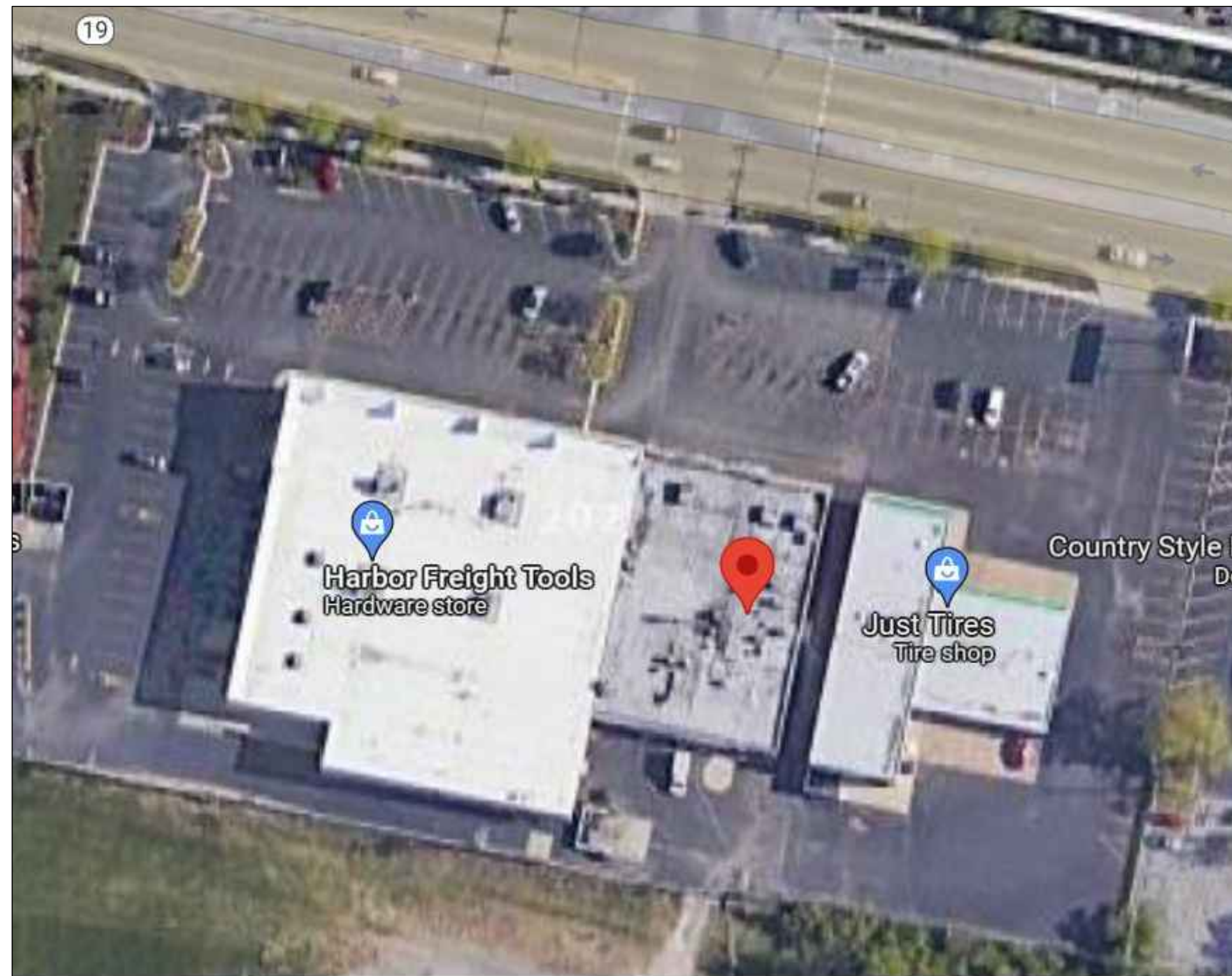
WHEN WALLS ARE TO BE "ALIGNED", THE ALIGNMENT OF SUCH WALLS IS TO THE OUTSIDE FINISHED SURFACE, SUCH AS DRYWALL SURFACE.

ALL DIMENSIONS SHOWN ARE TO FINISH FACE OF WALL UNLESS NOTED OTHERWISE. DIMENSIONS AND NOTES FOR A GIVEN CONDITION ARE TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.

WHERE NEW WORK ADJOINS EXISTING, ALL SUCH NEW WORK SHALL BE PROPERLY INTEGRATED WITH THE EXISTING TO ENSURE UNIFORM APPEARANCE. ANY REPAIR WORK REQUIRED TO EXISTING WORK SHOULD BE TAKEN CARE OF BY THE CONTRACTOR - PROVIDING ALL NECESSARY CUTTING, FITTING AND PATCHING AND SHALL FURNISH ALL NECESSARY LABOR AND MATERIALS FOR THIS WORK. ALL WORK REQUIRING SPECIAL DETAILING, AND NOT DETAILED ON THE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / OWNER.

THE GENERAL CONTRACTOR SHALL COORDINATE ALL TRADES TO AVOID INTERFERENCE, TO PRESERVE MAXIMUM HEADROOM, AND AVOID OMISSIONS.

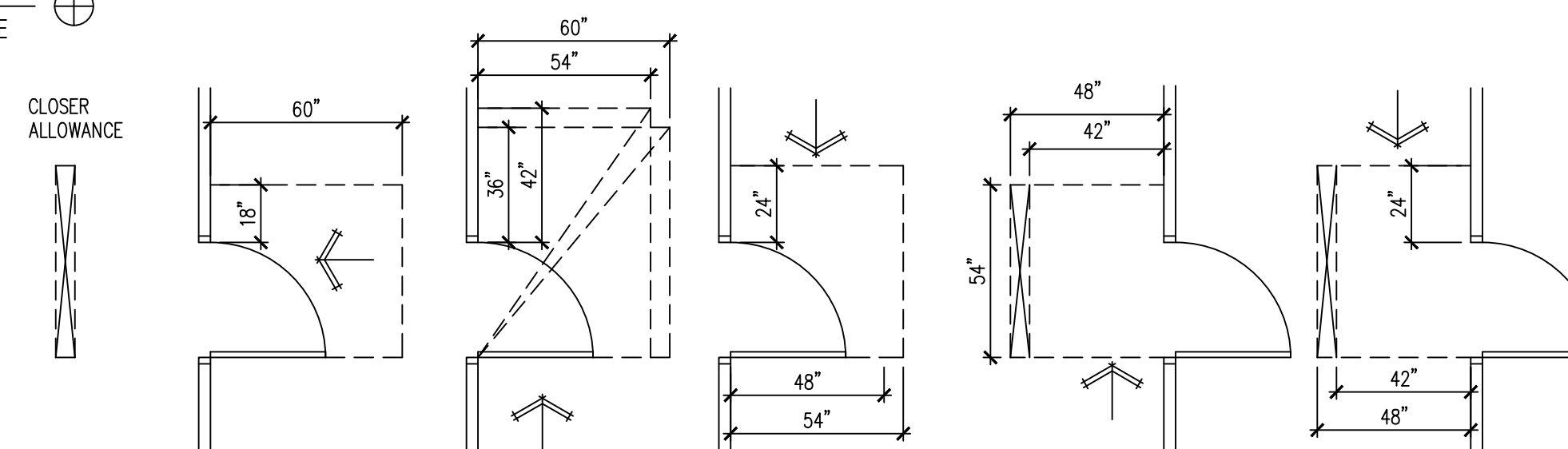
THE ARCHITECT HAS NO CONTRACTUAL DUTY TO CONTROL MEANS AND METHODS OF THE WORK NOR TO PROVIDE JOB SITE SUPERVISION, ENSURE SAFETY OR CONSTRUCTION MANAGEMENT AND DOES NOT VOLUNTARILY ASSUME ANY SUCH RESPONSIBILITIES.



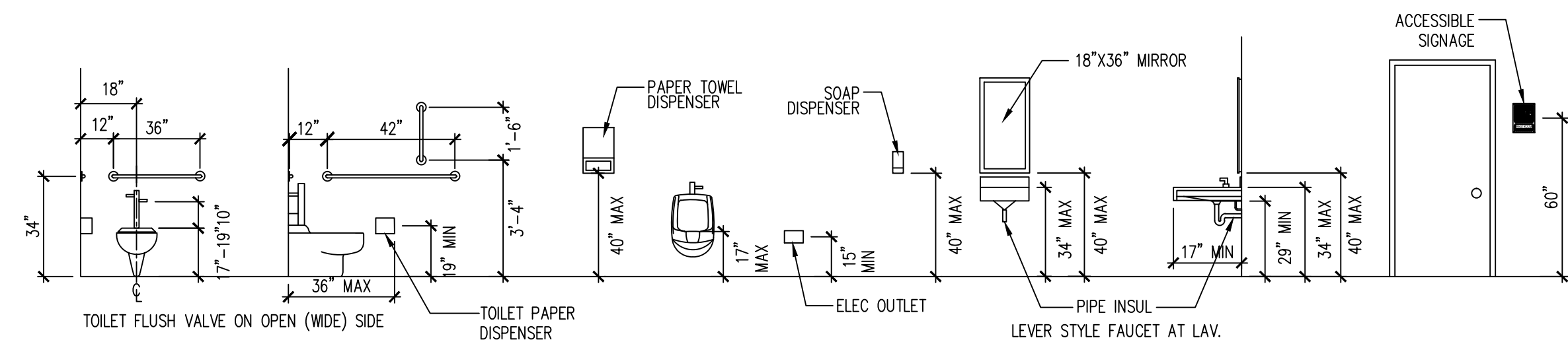
**A SITE PLAN**  
NOT TO SCALE

**ACCESSIBILITY REQUIREMENTS**

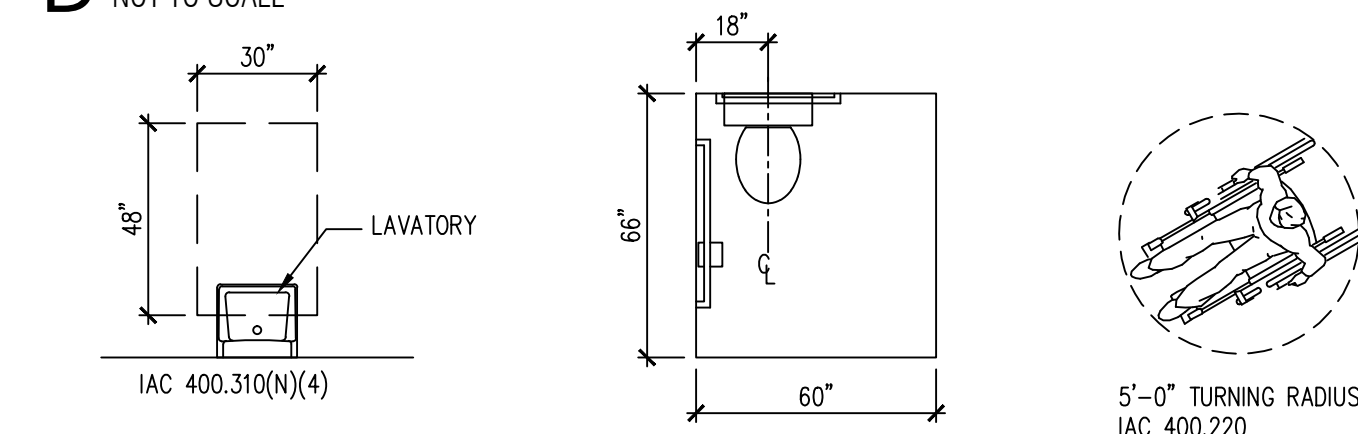
TOILET ROOMS REQUIRED TO BE ACCESSIBLE SHALL CONFORM TO ALL ACCESSIBILITY REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT WHICH INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:



**B DOOR MANEUVERING CLEARANCE**  
NOT TO SCALE

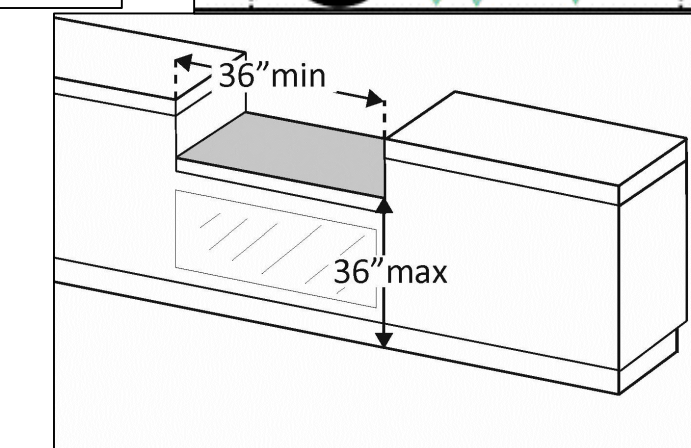
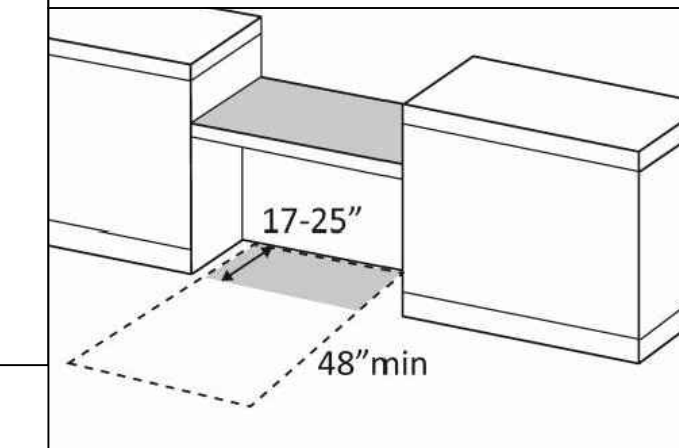
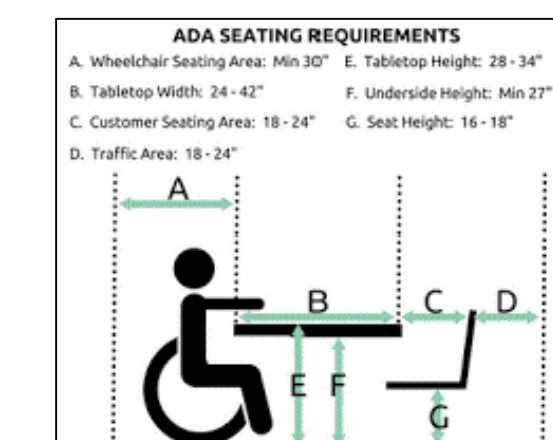
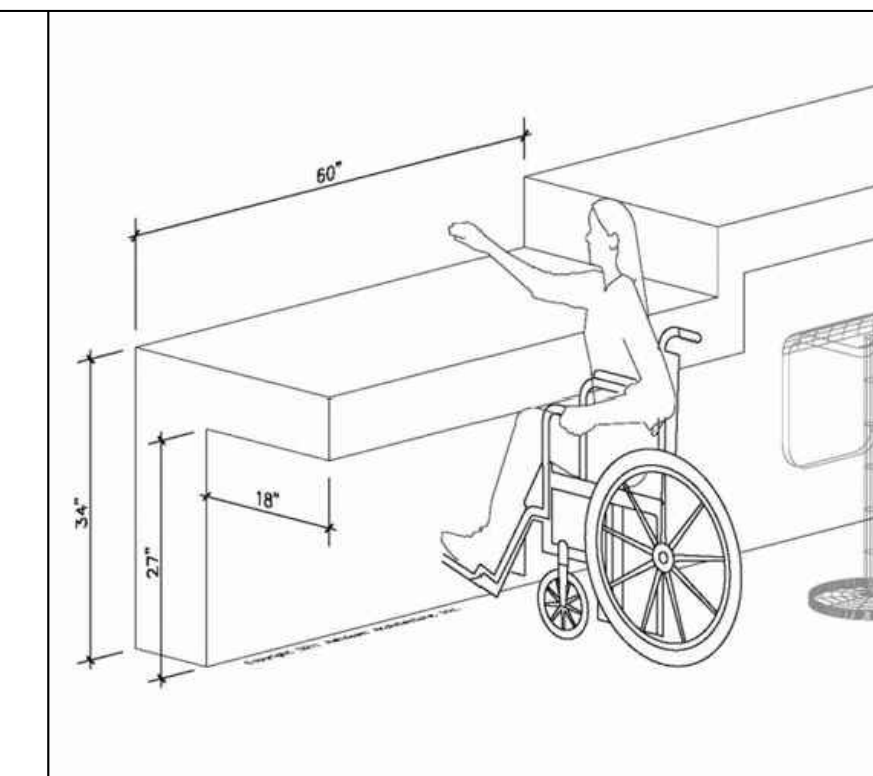
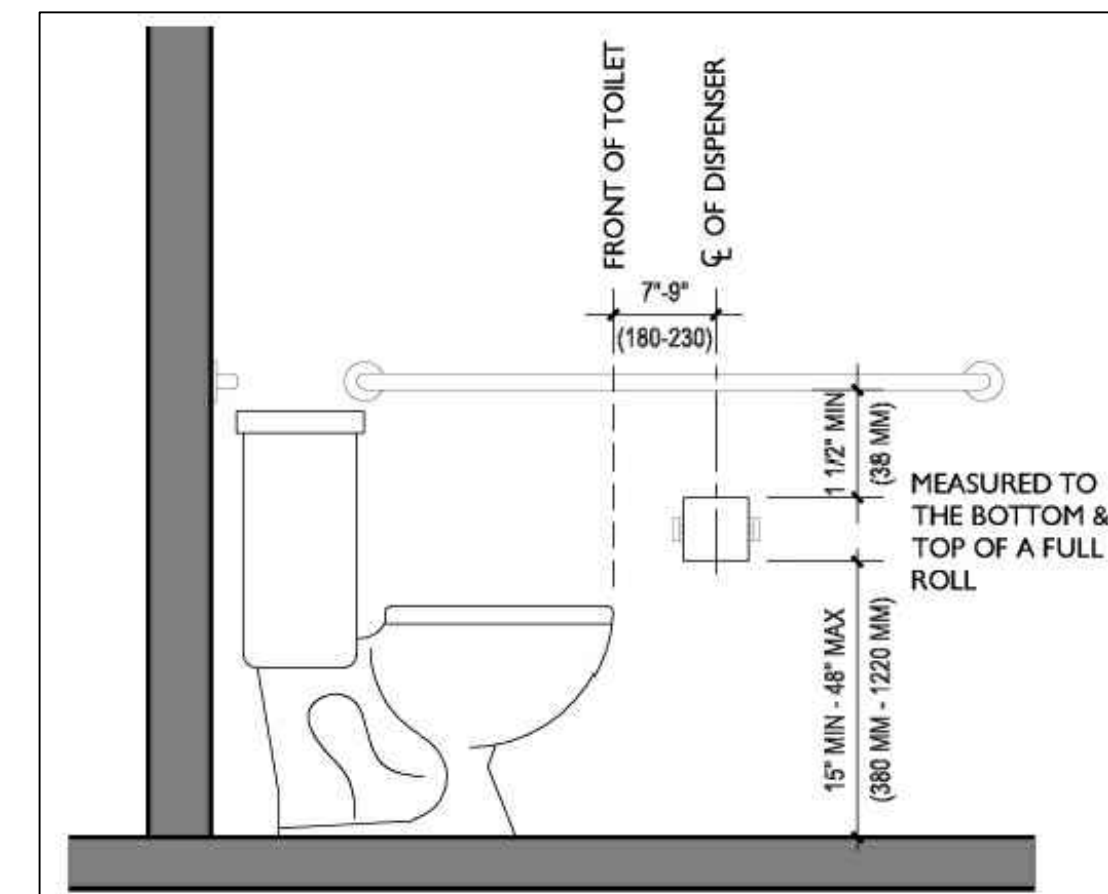


**D ACCESSIBLE MOUNTING HEIGHTS**  
NOT TO SCALE



**E TYPICAL ACCESSIBILITY REQUIREMENTS**  
NOT TO SCALE

Restroom signage to meet 410 ILCS 35/25 requirements



IAC 400 Section 226.2 refers to dispersion. If a restaurant has a high area: like as in a bar, and at the bar itself, there is no area that is 34", but there is accessible tables adjacent to the bar- does this meet the intent of the code, or should a section of the bar be created in new construction or in an alteration to have an area 34" high to enable accessible seating at the bar itself? Different types of dining surfaces all need to be accessible. The bar is required to have an accessible area.

Host station verifying IAC 400.227 requirements are met.

Beverage dispenser, ice maker, coffee makers, and similar devices require atmospheric backflow per IDPH 890.1130.

Plumber, general contractor, and plumbing inspector to have site meeting during layout phases to verify code compliant installation.

Verify 5% of lockers are accessible per IAC 400.225.2

PROJECT DATA	
USE GROUP CLASSIFICATION	A-2
CONSTRUCTION TYPE	I-A (EXIST'G)
AREA TOTAL	6250SF
EXIT ACCESS TRAVEL DISTANCE	120 FT MAXIMUM
AUTOMATIC SPRINKLERS	YES, FULLY SPRINKLERED (EXIST'G)
DINING AREA (FIXED SEATS)	200 OCCUPANTS
BAR SERVICE AREA	4 EMPLOYEE
KITCHEN AREA	(1850/200) = 10 OCCUPANTS
TOTAL OCCUPANT LOADS	214 OCCUPANTS
MAXIMUM HEIGHT	1 STORY
REQUIRED NUMBER OF EXITS:	2 ACTUAL 3
MINIMUM CORRIDOR WIDTH	48"

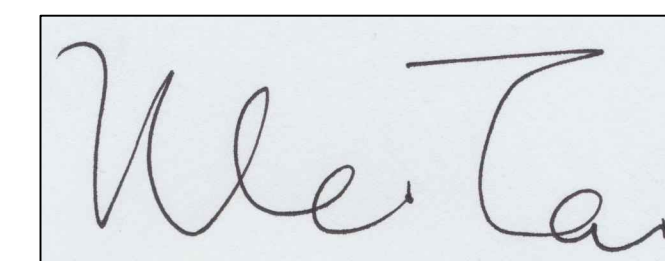
**CODE DATA**

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL LAWS, ORDINANCES, STANDARDS AND REGULATORY AGENCIES INCLUDING BUT NOT LIMITED TO THE REQUIREMENTS (INCLUDING LOCAL AMENDMENTS) OF

- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL FIRE CODE
- 2021 INTERNATIONAL FUEL GAS CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2021 INTERNATIONAL EXISTING BUILDING CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2017 NATIONAL ELECTRICAL CODE
- 2014 STATE OF ILLINOIS PLUMBING CODE
- 2021 ILLINOIS ACCESSIBILITY CODE

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- G1 GAS PIPING PLAN



I HEREBY CERTIFY THAT THESE DRAWINGS ARE PREPARED BY ME OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORM WITH APPLICABLE CODES.

LIC EXPIRES NOV 30, 2024

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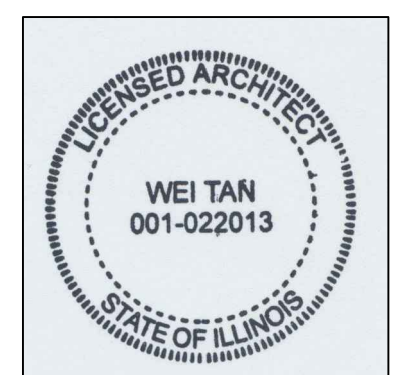
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HOT POT RESTAURANT  
INTERIOR REMODELING  
1555 WEST IRVING PARK ROAD HANOVER PARK IL 60133

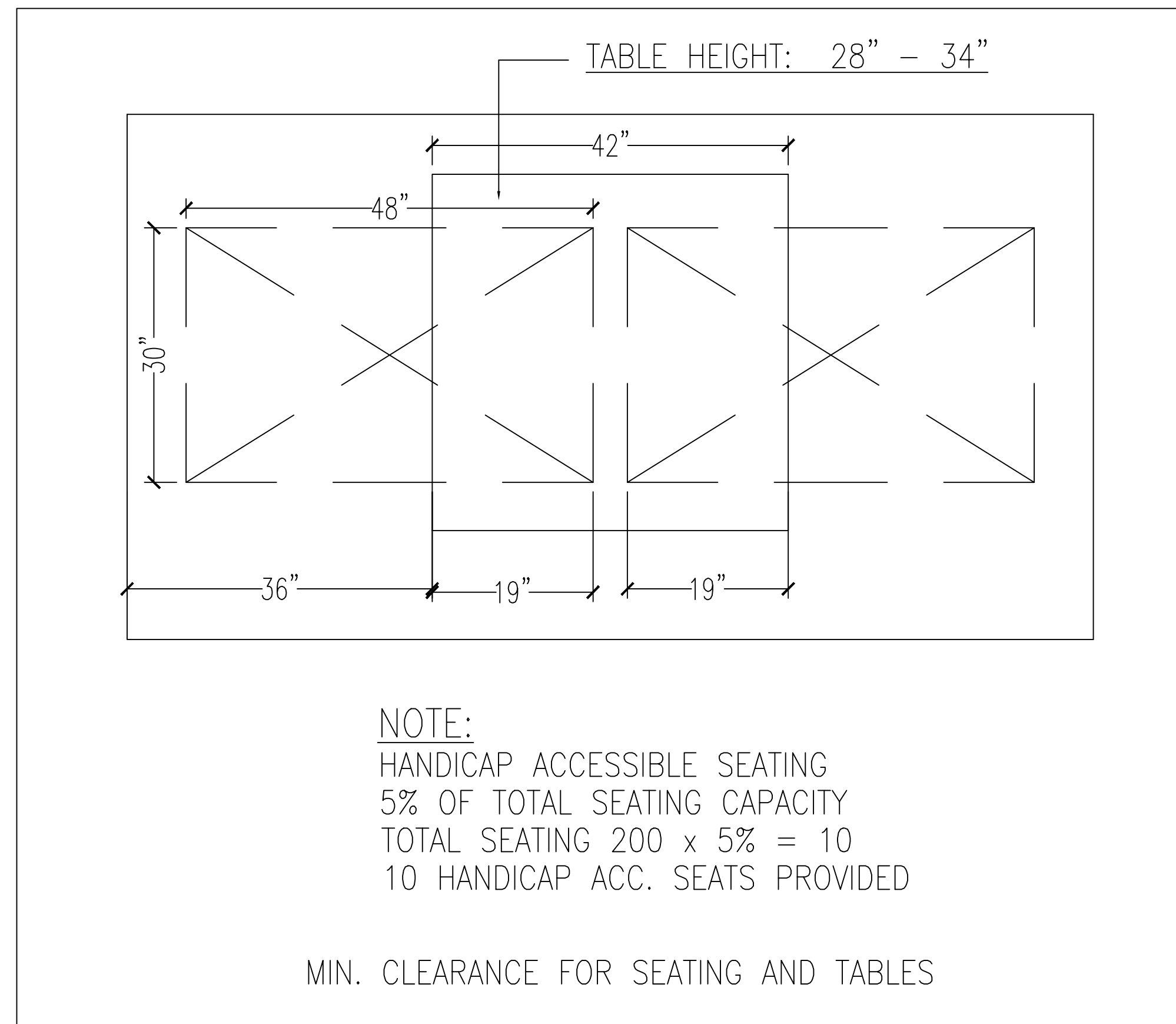
ISSUES	DATE
ISSUED FOR PERMIT	05/01/2023



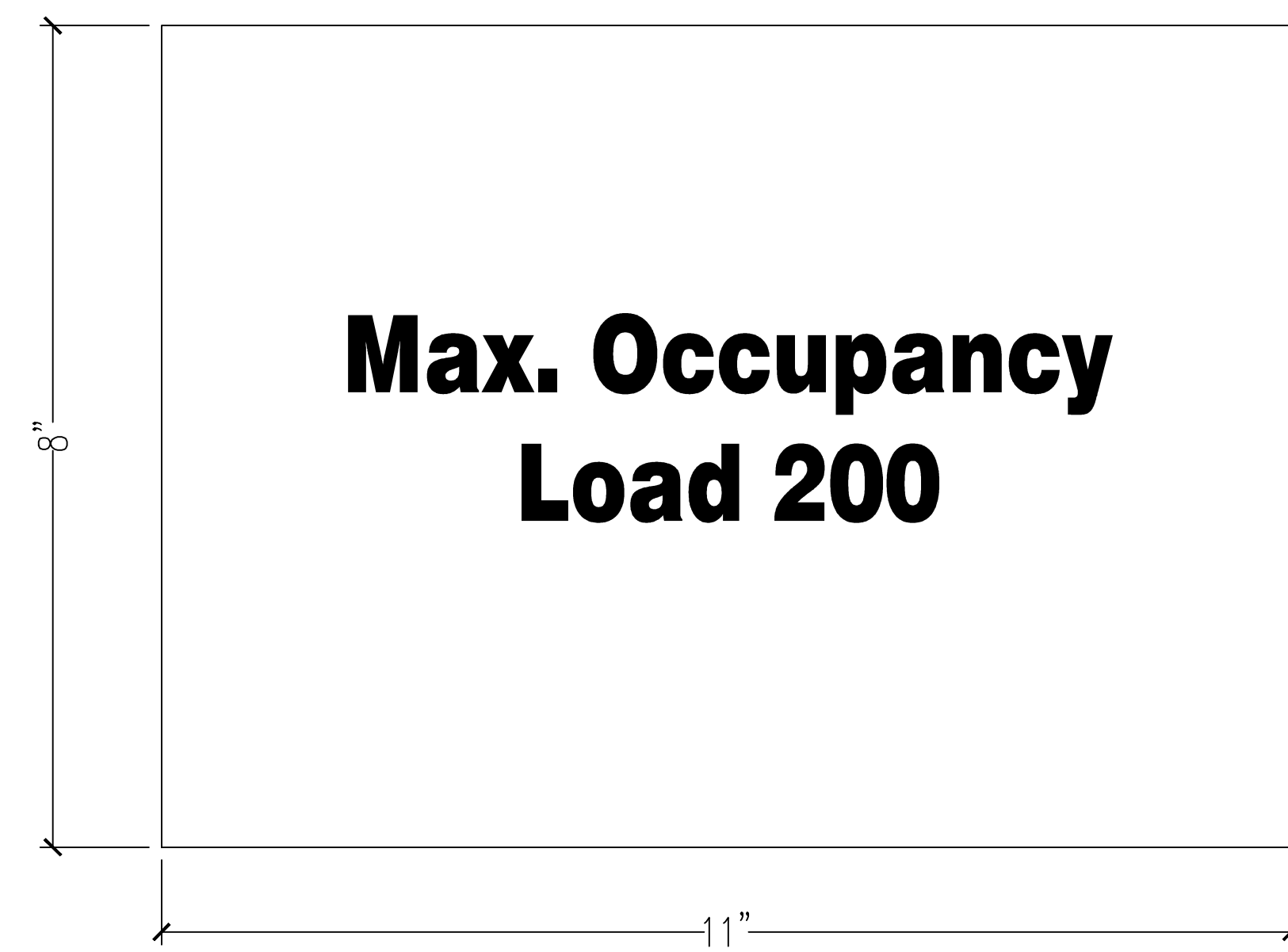
PROJECT NOTES,  
SITE PLAN

SHEET NUMBER

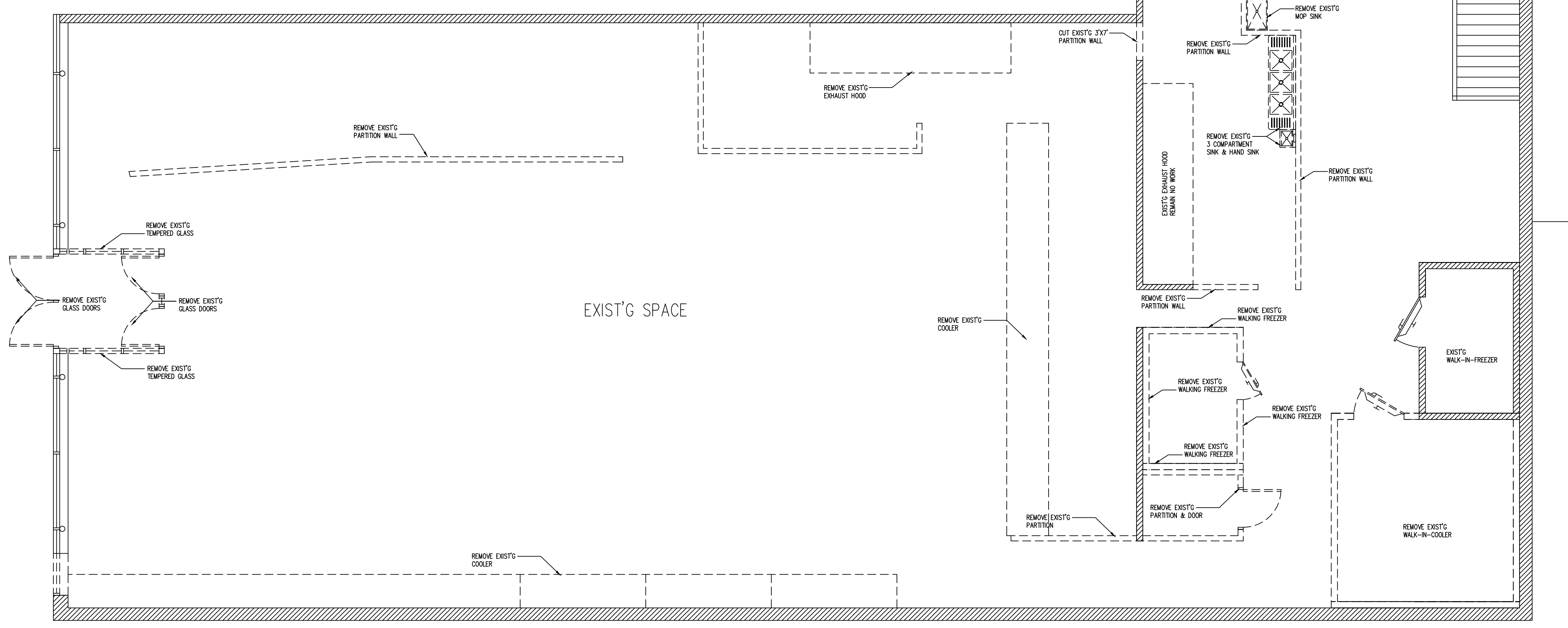
A0



- FIRE SUPPRESSION PULL STATION MOUNTED AT 44" AFF.
- CLASS "K" FIRE EXTINGUISHER (INSTALL MAX. 40" AFF. TO THE TOP OF THE HANDLE)
- MULTIPERPOSE DEY CHEMICAL / ABC EXINGUISHER (INSTALL MAX. 40" AFF. TO THE TOP OF THE HANDLE)



SIGN TO BE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGN SHALL BE APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT



**DEMOLITION NOTES**

CONTRACTOR SHALL PERFORM DEMOLITION AT AREAS INDICATED ON CONTRACT DOCUMENTS. CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH ALL EXISTING CONDITIONS AND INTERFACE BETWEEN AREAS OF DEMOLITION AND EXISTING AREAS TO REMAIN .

ALL CHANGES/MODIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE WORK IS BEGUN. CONTRACTOR SHALL REMOVE ALL EXISTING CONSTRUCTION AS NOTED ON PLANS AND SHALL REMOVE SAID ITEMS OFF SITE UNLESS NOTED OTHERWISE. APPROVAL FROM ARCHITECT/OWNER IS REQUIRED ON THE REUSE OF ANY EXISTING MATERIALS UNLESS OTHERWISE NOTED BEFORE WORK IS BEGUN.

REMOVE PLUMBING FIXTURES, PIPING, LIGHTING, WIRING, AND CONDUIT FROM ALL WALLS AND CEILINGS TO BE DEMOLISHED AND CAP OFF AT POINT OF TERMINATION. IN ALL AREAS WHERE PLUMBING FIXTURES ARE TO BE REMOVED PERMANENTLY, THE FLOORS ARE TO BE BROKEN OUT AROUND PIPING, DRAIN IS TO BE SUFFICIENTLY CAPPED BELOW FINISH FLOOR, AND SLAB IS TO BE REPAIRED TO MATCH EXISTING FLOOR SURFACE. VENTS AND WATER PIPING ARE TO BE ADEQUATELY CAPPED AND LINES REMOVED.

WHERE APPLICABLE REMOVE ALL FLOORING MATERIAL AND ASSOCIATED ADHESIVES. THE FLOOR IS TO BE SMOOTH AND PREPARED FOR NEW FINISHED FLOORING. REMOVE ALL EQUIPMENT IN EXISTING AREA IF APPLICABLE. INCLUDING RACKS, FIXTURES, LIFTS AND ANY RELATED DUCTWORK AND PIPING AS REQUIRED. PATCH ALL FLOORS AND WALLS AS NECESSARY. FOR OPENINGS IN EXISTING WORK, VERIFY EXACT LOCATIONS AND MATERIALS BEFORE PERFORMING WORK. CUTTING OF STRUCTURAL AND BEARING WALLS SHALL NOT BE DONE WITHOUT WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER. CONTRACTOR TO MAKE VERIFICATION OF EXISTING WORK WHERE SHOWN ON DRAWINGS. WORK WHICH IS EXISTING IS ASSUMED TO BE IN PLACE AND SUITABLE FOR THE NECESSARY ALTERATIONS AND/OR ADDITIONS REQUIRED.

**DEMOLITION PLAN**  
SCALE 3/16" = 1'-0" NORTH

EXISTING WALL TO REMAIN

DEMOLITION WALL

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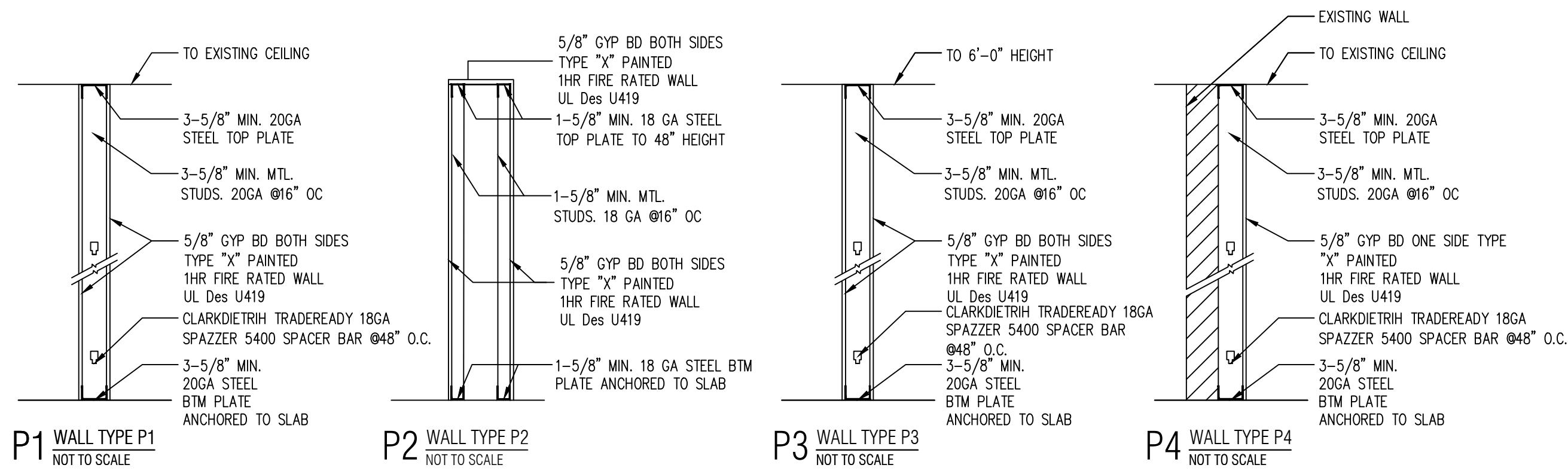
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1555 WEST IRVING PARK ROAD HANOVER PARK IL 60133

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**DEMOLITION PLAN & NOTES**

SHEET NUMBER  
**A1**



**KITCHEN EQUIPMENT NOTES**

CONTRACTOR SHALL INSTALL AND CONNECT ALL EQUIPMENT AS PER EQUIPMENT SUPPLIER'S SPECIFICATIONS. ALL LOCATIONS TO BE VERIFIED WITH OWNER PRIOR TO INSTALLATION.

PLUMBING CONTRACTOR SHALL PROVIDE ALL ROUGH-INS. INSULATE ALL COLD/HOT WATER PIPES AS REQUIRED. MAINTAIN MIN 36" IN FRONT OF ALL COOKING EQUIPMENT.

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL OUTLETS FOR EQUIPMENT. VERIFY ALL ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER. VERIFY ALL GAS AND WATER REQUIREMENTS WITH EQUIPMENT SUPPLIER.

ALL PERMANENT EQUIPMENT MUST BE LOCATED SO THAT AREAS BEHIND, UNDERNEATH, AND ON THE SIDES OF THE EQUIPMENT CAN BE EASILY CLEANED.

TWO DRAIN BOARDS ARE REQUIRED AT ALL THREE-COMPARTMENT SINKS ALONG WITH AN APPROPRIATELY SIZED FAUCET, LOCKABLE DRAIN PLUGS, AND AN INDIRECT CONNECTION TO THE SEWER.

**DRY STORAGE**

DRY STORAGE : 25% OF 1600 SF (KITCHEN AREA.) = 400SF REQ'D  
ACTUAL DRY STORAGE 15X4X4X2 = 480SF PROVIDED.  
LIQUOR STORAGE : 35% OF BAR AREA = 35% X 200 = 70SF REQ'D  
ACTUAL STORAGE : 5X4X2.5 = 50 + 20X1.5 = 80SF PROVIDED.

ALL FOOD AND FOOD RELATED ITEMS MUST BE STORED OFF THE FLOOR ON DURABLE WASHABLE SHELVES. THE STORAGE AREA MUST BE APPROPRIATELY SIZED BASED ON THE NUMBER OF MEALS SERVED DAILY AND THE NUMBER OF DELIVERIES WEEKLY.

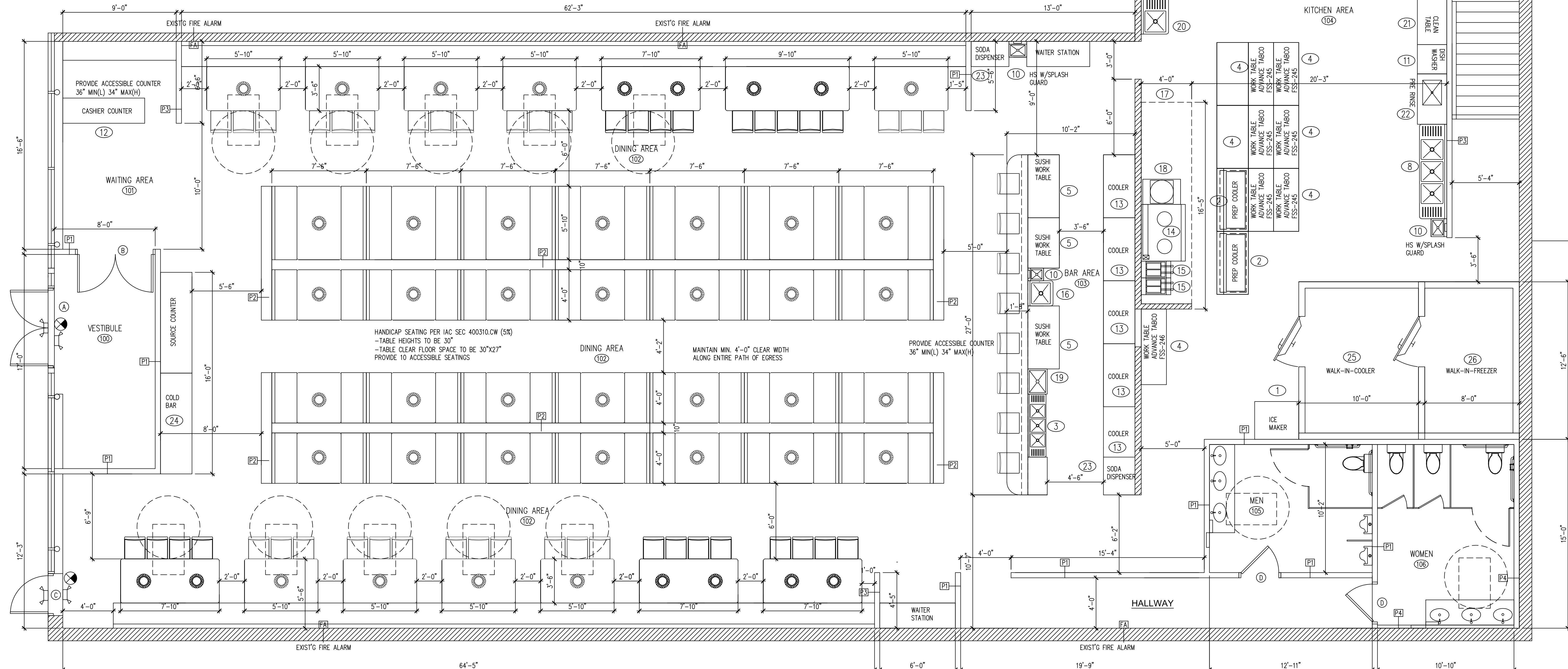
ALL FOOD EQUIPMENT TO BE ON CASTERS, 6" LEGS, OR SEALED TO THE FLOOR FOR EASY CLEANING.

NO RAW WOOD SURFACES PERMITTED ANYWHERE. UNDERSIDES OF COUNTERTOPS, INSIDE OF CABINETRY, AND WATER HEATER PLATFORMS MUST BE SEALED.

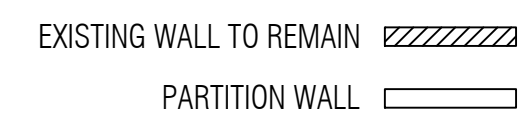
Doors leading to the outside and restroom doors are required to be self-closing and tight-fitting. Please confirm that the doors leading to the outside are equipped with a self-closer and weather strips to eliminate any air gaps.

COOKLINE EQUIPMENT AND REACH-IN REFRIGERATION AND FREEZER UNITS TO BE INSTALLED ON CASTERS. PROVIDE THE FOLLOWING: NSF STAINLESS STEEL OPEN WIRE SHELVING UNITS, NSF STAINLESS STEEL SHELF OVER 3-COMPTMENT SINK, ICE MAKER A MIN. 8" FROM ALL WALLS. HEAVY-DUTY MOP RACKS LOCATED OVER MOP SINK. HEAVY-DUTY BROOM RACKS IN JANITORIAL AREA. METAL GARBAGE CANS WITH LIDS FOR RESTROOMS. SANITARY BOX IN WOMEN'S RESTROOMS. METAL GARBAGE CANS WITH LIDS FOR DIAPER CHANGING STATION.

ALL NSF APPROVED HAND SINKS TO BE WITH BLADE HANDLED FAUCETS.  
WAITRESS/BEVERAGE STATION & BAR COUNTER TOP - STAINLESS STEEL.  
ALL CABINET SHELVES - STAINLESS STEEL.  
ALL CABINET BASE - 6" STAINLESS STEEL LEGS (NO KICK BASE)  
LAVATORY COUNTERTOP TO BE SOLID SURFACE (NO PLASTIC LAMINATE OR CABINETRY)  
ANY PAINTED FINISHES TO BE SEMI-GLOSS OR GLOSS (NO FLAT, NO EGG SHELL, NO TEXTURE). PROVIDE FRP ON WALL AND UNDERSIDE OF BAR.  
STAINLESS STEEL WALL FINISH FOR BEHIND AND ADJACENT TO COOK LINE



**A NEW FLOOR PLAN**  
SCALE 3/16" = 1'-0" NORTH



Class K rated portable Fire Extinguisher, which shall be located within a thirty-foot (30') distance of all commercial-type cooking equipment. Emergency lighting systems shall be designed and installed so that the failure of any individual lighting element cannot leave in total darkness any space that requires emergency illumination. A two-lamp (incandescent) fixture, a two-LED driver fixture, or multiple fixtures in proximity to each other will accomplish this.

OCCUPANT LOAD SIGNAGE WILL BE PLACED IN A CONSPICUOUS LOCATION AT THE ENTRANCE TO THE RESTAURANT AND EACH ASSEMBLY SPACE.  
THE EXIT DOORS ARE EQUIPPED WITH PANIC HARDWARE. IBC 1008.1.9  
EMERGENCY AND GENERAL EGRESS DISCHARGE LIGHTING. IBC 1006.1 ON SHEET E4

All wall-mounted fire extinguishers with their leading edges between twenty-seven inches (27") and eighty inches (80") above the finished floor shall not protrude more than four inches (4") into walks, halls, corridors, passageways, or aisles.  
On each floor of the structure under construction, not less than one (1) approved portable fire extinguisher shall be provided and sized for not less than an ordinary hazard occupancy.

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**FLOOR PLAN, NOTES, & SCHEDULES**

SHEET NUMBER  
**A2**

EQUIPMENT SCHEDULE						
NO	QTY	DESCRIPTION	GAS	ELECTRIC	PLUMBING	REMARKS
1	1	ICE MAKER	-	220V	10A	1/2" CW, 4" INDIRECT DRAIN NSF AIR COOLED CONDENSING UNIT
2	2	60" X 30" PREP COOLER	-	120V	8A	NSF W/ CASTERS
3	1	3 COMPARTMENT BAR SINK	-	-	-	1/2" CW, 1/2" HW, 4" INDIRECT DRAIN NSF W/ ECOLAB PATHWAY TO PREVENT BACKFLOW
4	7	WORK TABLE	-	-	-	NSF W/ 6" STAINLESS STEEL LEGS NSF APPROVED
5	3	4'-0" X 2'-6" SUSHI WORK TABLE	-	-	-	NSF
6	1	100 GALLON HWH	1"	120V	-	3/4" CW & 3/4" HW NSF
7	15	SHELVING	-	-	-	NSF APPROVED STAINLESS STEEL SHELVING
8	2	3 COMPARTMENT SINK	-	-	-	1/2" CW, 1/2" HW, 4" INDIRECT DRAIN NSF W/ ECOLAB PATHWAY TO PREVENT BACKFLOW
9	1	MOP SINK	-	-	-	1/2" CW, 1/2" HW, 4" DRAIN NSF W/ MOP HOOKS, SEAL EDGES
10	4	HAND SINK	-	-	-	1/2" CW, 1/2" HW, 2" DRAIN NSF, WALL MOUNTED - SEALED
11	1	DISHWASHER	-	220V	50A	1/2" HW, 4" INDIRECT DRAIN NSF
12	1	CASHIER COUNTER	-	-	-	NSF
13	5	BAR COOLER	-	120V	4.8A	NSF W/ CASTERS
14	1	CHINESE WOK	3/4"	-	-	NSF, 220000 BTU
15	2	DEEP FRYER	3/4"	-	-	NSF, 120000 BTU
16	1	PREP SINK	-	-	-	1/2" CW, 1/2" HW, 4" INDIRECT DRAIN NSF, WALL MOUNTED - SEALED
17	1	EXIST'G 16'-0" X 4'-0" TYPE I EXHAUST HOOD	-	-	-	EXIST'G U.L. W/ ANSUL FIRE SUPPRESSION SYSTEM
18	1	RICE COOKER	-	120V	-	NSF
19	1	ICE BIN	-	-	-	4" INDIRECT DRAIN NSF
20	1	1 COMP SINK	-	-	-	1/2" CW, 1/2" HW, 4" INDIRECT DRAIN NSF, WALL MOUNTED - SEALED
21	1	CLEAN TABLE	-	-	-	NSF W/ 6" STAINLESS STEEL LEGS NSF APPROVED
22	1	PRE RINSE	-	-	-	1/2" CW, 1/2" HW, 4" INDIRECT DRAIN NSF
23	1	SODA DISPENSER	-	120V	-	1/2" CW, 4" INDIRECT DRAIN NSF
24	1	COLD SNACK SAUCE BAR	-	120V	4A	NSF
25	1	10'-0" X 12'-6" WALK IN COOLER	-	240V	10A	NSF
26	1	8'-0" X 12'-6" WALK IN FREEZER	-	240V	12A	NSF

ALL EQUIPMENTS WILL BE NSF APPROVED CLEAN OPERABLE AND SUBJECT TO THE FINAL APPROVAL BY THE HEALTH DEPARTMENT

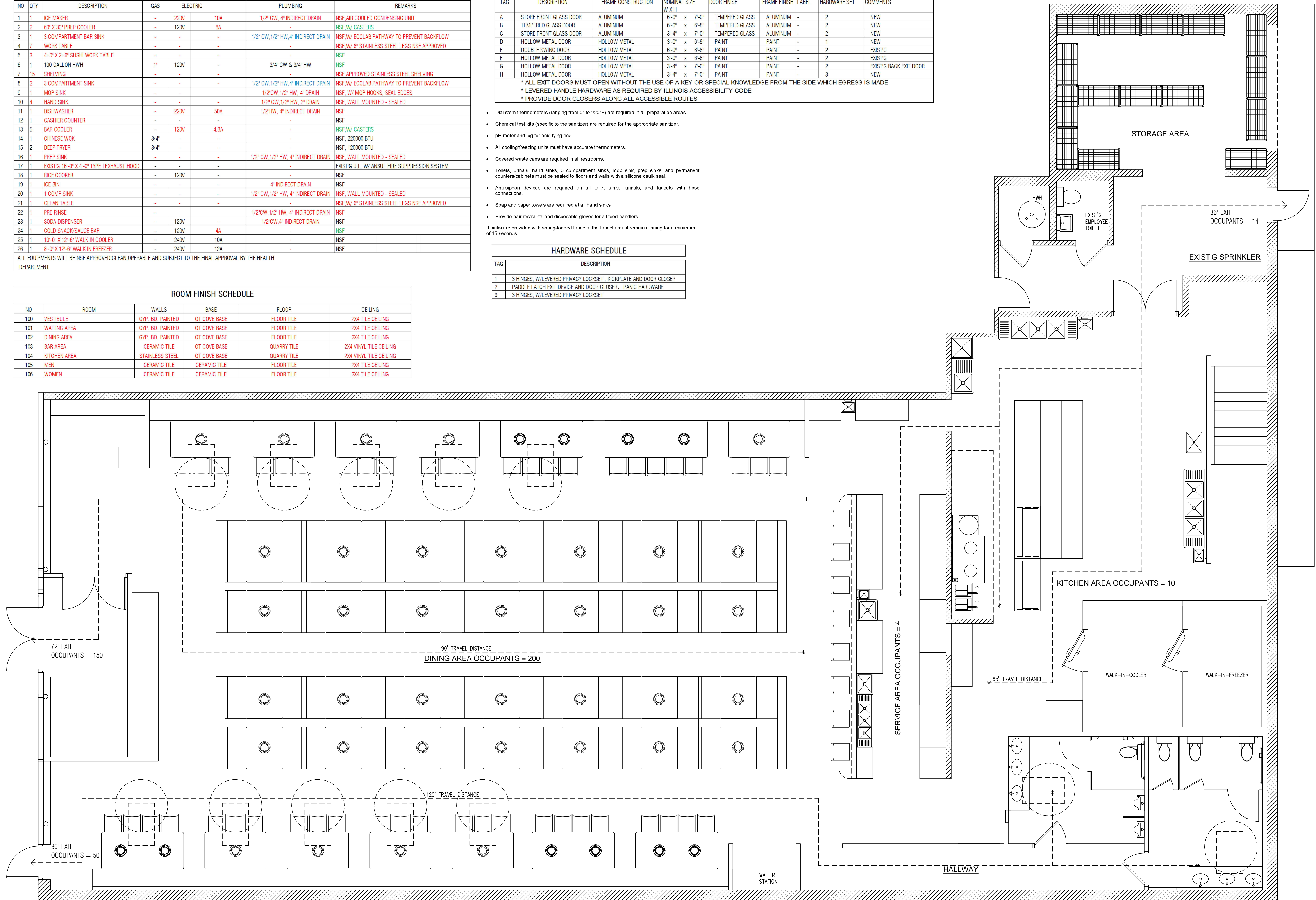
DOOR SCHEDULE								
TAG	DESCRIPTION	FRAME CONSTRUCTION	NOMINAL SIZE W X H	DOOR FINISH	FRAME FINISH	LABEL	HARDWARE SET	COMMENTS
A	STORE FRONT GLASS DOOR	ALUMINUM	6'-0" x 7'-0"	TEMPERED GLASS	ALUMINUM	-	2	NEW
B	TEMPERED GLASS DOOR	ALUMINUM	6'-0" x 6'-8"	TEMPERED GLASS	ALUMINUM	-	2	NEW
C	STORE FRONT GLASS DOOR	ALUMINUM	3'-4" x 7'-0"	TEMPERED GLASS	ALUMINUM	-	2	NEW
D	HOLLOW METAL DOOR	HOLLOW METAL	3'-0" x 6'-8"	PAINT	PAINT	-	1	NEW
E	DOUBLE SWING DOOR	HOLLOW METAL	6'-0" x 6'-8"	PAINT	PAINT	-	2	EXIST'G
F	HOLLOW METAL DOOR	HOLLOW METAL	3'-0" x 6'-8"	PAINT	PAINT	-	2	EXIST'G
G	HOLLOW METAL DOOR	HOLLOW METAL	3'-4" x 7'-0"	PAINT	PAINT	-	2	EXIST'G BACK EXIT DOOR
H	HOLLOW METAL DOOR	HOLLOW METAL	3'-4" x 7'-0"	PAINT	PAINT	-	3	NEW

\* ALL EXIT DOORS MUST OPEN WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE FROM THE SIDE WHICH EGRESS IS MADE  
 \* LEVERED HANDLE HARDWARE AS REQUIRED BY ILLINOIS ACCESSIBILITY CODE  
 \* PROVIDE DOOR CLOSERS ALONG ALL ACCESSIBLE ROUTES

- Dial stem thermometers (ranging from 0° to 220°F) are required in all preparation areas.
  - Chemical test kits (specific to the sanitizer) are required for the appropriate sanitizer.
  - pH meter and log for acidifying rice.
  - All cooling/freezing units must have accurate thermometers.
  - Covered waste cans are required in all restrooms.
  - Toilets, urinals, hand sinks, 3 compartment sinks, mop sink, prep sinks, and permanent counters/cabinets must be sealed to floors and walls with a silicone caulk seal.
  - Anti-siphon devices are required on all toilet tanks, urinals, and faucets with hose connections.
  - Soap and paper towels are required at all hand sinks.
  - Provide hair restraints and disposable gloves for all food handlers.
- If sinks are provided with spring-loaded faucets, the faucets must remain running for a minimum of 15 seconds

HARDWARE SCHEDULE	
TAG	DESCRIPTION
1	3 HINGES, W/LEVERED PRIVACY LOCKSET, KICKPLATE AND DOOR CLOSER
2	PADDLE LATCH EXIT DEVICE AND DOOR CLOSER, PANIC HARDWARE
3	3 HINGES, W/LEVERED PRIVACY LOCKSET

ROOM FINISH SCHEDULE					
NO	ROOM	WALLS	BASE	FLOOR	CEILING
100	VESTIBULE	GYP. BD. PAINTED	QT COVE BASE	FLOOR TILE	2X4 TILE CEILING
101	WAITING AREA	GYP. BD. PAINTED	QT COVE BASE	FLOOR TILE	2X4 TILE CEILING
102	DINING AREA	GYP. BD. PAINTED	QT COVE BASE	FLOOR TILE	2X4 TILE CEILING
103	BAR AREA	CERAMIC TILE	QT COVE BASE	QUARRY TILE	2X4 VINYL TILE CEILING
104	KITCHEN AREA	STAINLESS STEEL	QT COVE BASE	QUARRY TILE	2X4 VINYL TILE CEILING
105	MEN	CERAMIC TILE	CERAMIC TILE	FLOOR TILE	2X4 TILE CEILING
106	WOMEN	CERAMIC TILE	CERAMIC TILE	FLOOR TILE	2X4 TILE CEILING



EXIT & OCCUPANCY DIAGRAM  
 SCALE 1/4" = 1'-0" NORTH

EXISTING WALL TO REMAIN  
 PARTITION WALL

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HOT POT RESTAURANT  
 INTERIOR REMODELING  
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ISSUES	DATE
ISSUED FOR PERMIT	05/01/2023



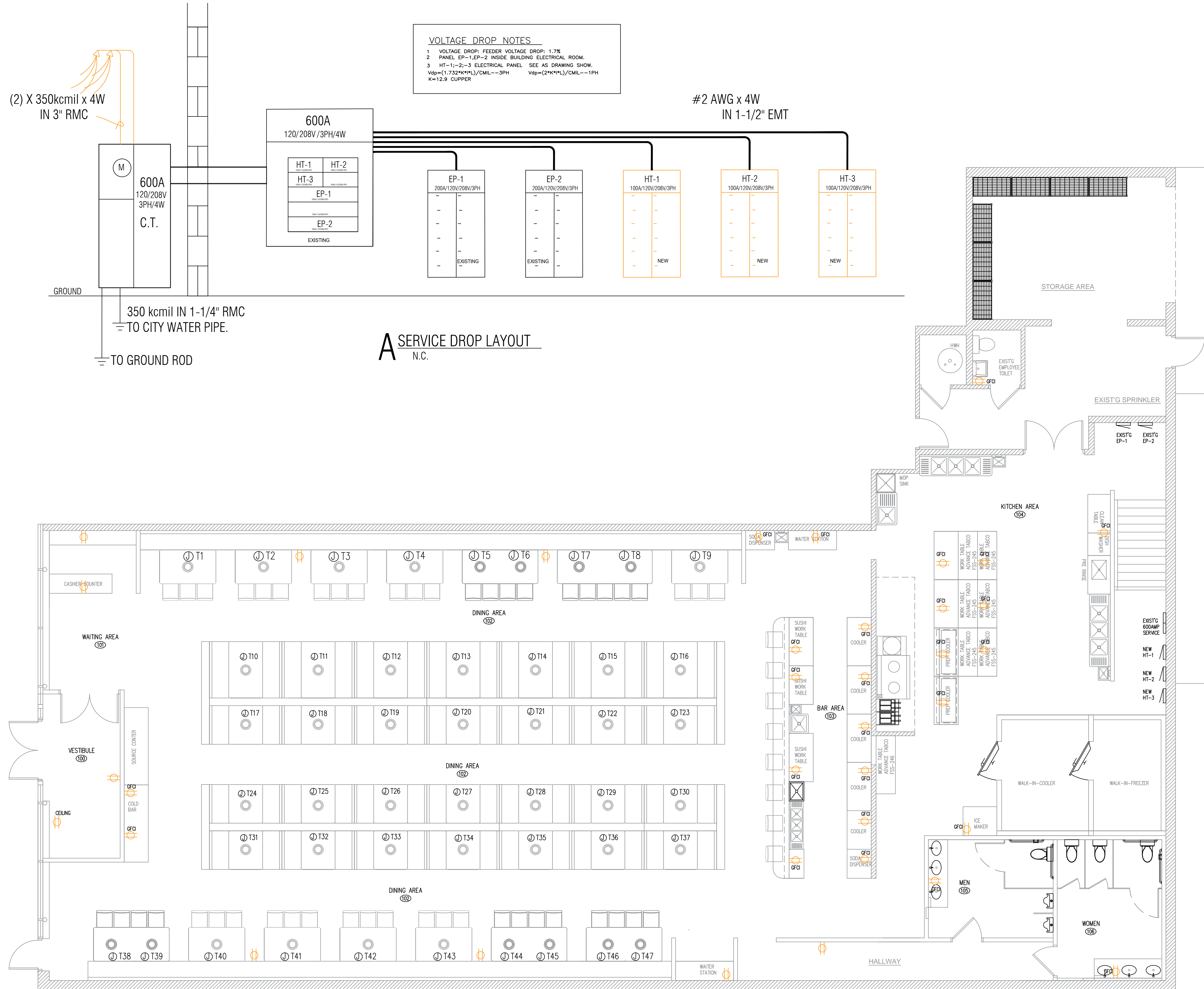
EXIT & OCCUPANCY DIAGRAM

SHEET NUMBER

A3

**ELECTRICAL NOTE:**

- 1.-- MINIMUM WIRE SIZES SHALL BE AS FOLLOW:  
15-AMP CIRCUITS-#14 AWG; 20-AMP CIRCUITS-#12 AWG;  
30-AMP CIRCUITS-#10 AWG; LARGER CIRCUIT-AS NOTED;
- 2.--FEEDER RUNS ORIGINATING 75 FT. OR MORE FROM BRANCH CIRCUIT PANEL, ONE WIRE SIZE LARGER THAN THAT LISTED.
- 3.--INSTALLATION HEIGHT ABOVE FLOOR:  
LIGHT SWITCHES 36"; THERMOSTATS 48"; HUMIDISTAT 48";  
GENERAL RECEPTACLES 12"
- 4.--SWITCHES AND OUTLETS SHALL BE INSTALLED TO COMPLY WITH ACCESSIBLE REACH RANGE OF 12"-48" HIGH ABOVE FLOOR.
- 5.--INSTALL KITCHEN EQUIPMENT AND HOT TABLE TO DEDICATED CIRCUIT PER ELECTRICAL PANEL SCHEDULE LIST. ALL SWITCHES AND OUTLETS 48" INSTALLATION HEIGHT. (ABOVE COUNTER AND WORK TABLES)
- 6.--OUTDOOR LIGHTS SHALL BE ON PHOTO CELL OR TIMER . BATHROOM AND SMALL ROOMS LESS THAN 300 SQF SHALL BE EQUIPPED WITH OCCUPANCY SENSOR, OUTDOOR OUTLETS SHALL BE WATER PROOF.
- 7.--LIGHTS WITHIN 10 FEET OF WINDOWS SHALL BE ABLE TO BE SWITCHED OFF INDEPENDANTLY.
- 8.--OUTLETS IN TOILET ROOM, OUTDOOR LOCATION AND WITHIN 3 FEET OF KITCHEN SINKS OR BATH SINK SHALL BE GFI TYPE OUTLETS.
- 9.--PROVIDE DISCONNECT SWITCH FOR ALL MECHANICAL EQUIPMENT. PROMINENTLY MARKED AND READILY ACCESSIBLE.
- 10.--CONDUIT RUNS SHOWN ON THE DRAWINGS ARE DIAGRAMATIC. ACTUAL FIELD CONDITION SHOULD BE FOLLOWED.
- 11.--LIGH FIXTURES INSTALLED SHALL BE APPROVED BY THE OWNER. USING LED TYPE.
- 12.--ALL ELECTRICAL WORK SHALL COMPLY WITH THE LOCAL CITY BUILDING CODES.



**VOLTAGE DROP NOTES**  
 1 VOLTAGE DROP: FEEDER VOLTAGE DROP: 1.7%  
 2 PANEL EP-1, EP-2 INSIDE BUILDING ELECTRICAL ROOM.  
 3 HT-1-1, 2, 3 ELECTRICAL PANEL SEE AS DRAWING SHOW.  
 Vdp=(1.732\*K\*I\*L)/CML--3PH Vsp=(2\*I\*K\*L)/CML--1PH  
 K=12.9 COPPER



EACH JUNCTION BOX CONNECTS HOT POT TABLE  
 (2) -208V/20A/1PH. GFI (TYP.)

**B POWER PLAN**  
 SCALE 3/16"=1'-0"

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ELECTRICAL  
 POWER PLAN

SHEET NUMBER  
**E1**



- MECHANICAL NOTES**
- THE CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAINING AND ALL OTHER FEATURES OF BUILDING CONSTRUCTION WHICH MAY AFFECT HIS WORK AND BE GOVERNED BY THESE SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
  - ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/OR STATE CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, AND EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL SERVICE CHARGES, FEES, PERMITS, ROYALTIES, TAXES, AND OTHER SIMILAR COST IN CONNECTION THEREWITH.
  - PRIOR TO FABRICATION OF DUCTWORK, CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE CEILING WHICH MAY INTERFERE WITH THE DUCT SYSTEM AND NOTIFY THE ARCHITECTS OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS ETC. WHICH MAY BE REQUIRED.
  - ALL SHEET METAL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH "SMACNA" LOW PRESSURE DUCT CONSTRUCTION STANDARDS.
  - TURNING VANES SHALL BE INSTALLED IN ALL BENDS EXCEED 30 DEGREES.
  - ALL DUCTS SHALL BE SUPPORTED WITH 1" WIDE, 16 GAUGE GALVANIZED STEEL BANDS.
  - ALL RECTANGULAR DUCT SHALL BE INSULATED WITH A MINIMUM OF 1" INTERNAL LINER, 2 LB. DENSITY. ALL ROUND DUCT AND DIFFUSER TOP SHALL HAVE A MINIMUM OF 2" FOIL BACKED BLANKET TYPE INSULATION WITH ALL JOINTS BUTTED AND TAPED. SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION. (PER 2018 IECC C403.2.9).
  - ALL DUCT DIMENSIONS SHOWN ON PLANS ARE SHEET METAL DIMENSIONS. ALLOWANCE HAS BEEN MADE FOR LINER.
  - CONTRACTOR SHALL COORDINATE LOCATION OF ALL SUPPLY AND RETURN AIR REGISTERS, DUCT, GRILLES, AND DIFFUSERS WITH LIGHTS AND CEILING PATTERNS.
  - SUPPLY AIR DIFFUSERS SHALL BE KRUEGER MODEL 1104 WITH OPPOSED BLADE DAMPERS AND FRAME 23 FOR LAY-IN CEILING.
  - MOUNT THERMOSTAT AT 48" MAXIMUM ABOVE THE FINISHED FLOOR.
  - PROVIDE U.L.F.D. AT ALL DUCT OR AIR DISTRIBUTION PENETRATIONS OF RATED WALLS, FLOORS, OR CEILING ASSEMBLIES W/ ACCESS.
  - PROVIDE CONDENSATE DRAIN W/ TRAP AT UNITS WITH DRAIN TO OPN'G BY PLUMBING CONTRACTOR. COORDINATE W/ PLBG. CONTRACTOR.
  - MECHANICAL CONT'R SHALL CONFER W/ ELECTRICAL CONT'R & COORDINATE ALL POWER REQUIREMENT POINTS OR CONNECTION ETC. COORDINATE W/ PLBG. CONTRACTOR TO INSURE PROPER CONDENSATE DRAINS.
  - COVERINGS AND LININGS, COVERINGS AND LININGS, INCLUDING ADHESIVES WHEN USED, SHALL HAVE A FLAME SPREAD INDEX NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT MORE THAN 50, WHEN TESTED IN ACCORDANCE WITH ASTM E 84. DUCT COVERINGS AND LININGS SHALL NOT FLAME, GLOW, SMOLDER OR SMOKE WHEN TESTED IN ACCORDANCE WITH ASTM C 411 AT THE TEMPERATURE TO WHICH THEY ARE EXPOSED IN SERVICE. THE TEST TEMPERATURE SHALL NOT FALL BELOW 250°F (121°F).

**LEGEND:**

- S/A HVAC SIDE SUPPLY AIR GRILL
- S/A HVAC SUPPLY AIR GRILL
- R/A HVAC RETURN AIR DIFFUSER
- E/A EXHAUST AIR GRILL
- MANUAL BALANCING DAMPER WITH LOCKING QUADRANT OPERATOR
- PROGRAMMABLE TYPE THERMOSTAT PROVIDE MANUFACTURE'S RECOMMENDED AUTO-CHANGE OVER 7-DAY/24-HOUR PROGRAMMABLE THERMOSTAT WITH REMOTE SENSOR FOR EACH UNIT.
- DUCT SMOKE DETECTOR

AIR DISTRIBUTION DUCT		
Ø	FROM (CFM)	TO (CFM)
10"	221	400
12"	401	680

NOTE: (2018 IMC SECTION 405)  
MECHANICAL VENTILATION SYSTEMS SHALL BE PROVIDED WITH MANUAL OR AUTOMATIC CONTROLS THAT WILL OPERATE SUCH SYSTEMS WHENEVER THE SPACES ARE OCCUPIED. AIR-CONDITIONING SYSTEMS THAT SUPPLY REQUIRED VENTILATION AIR SHALL BE PROVIDED WITH CONTROLS DESIGNED TO AUTOMATICALLY MAINTAIN THE REQUIRED OUTDOOR AIR SUPPLY RATE DURING OCCUPANCY.

MECHANICAL CONTRACTOR SHALL ADJUST AC EQUIPMENT AS NECESSARY TO ENSURE THAT TENANT SPACE HAS MINIMUM VENTILATION AIR REQUIRED BY CO

**OUTSIDE AIR CALCULATION PER 2018 IMC TABLE 403.3**

AREA	OCCUPANT LOAD		OUTDOOR AIR (cfm/person)		OUTDOOR AIR (cfm/sq.ft.)		TOTAL OUTDOOR AIR (cfm)
	SQ. FT.	MAXIMUM OCCUPANT LOAD, PERSON PER 1,000 SQ. FT.	TOTAL OCCUPANT LOAD	OUTDOOR AIR PER PERSON	OUTDOOR AIR PER SQ. FT.		
DINING AREA	2820	70	197	7.5	1477	0.18	507
KITCHEN AREA	262	20	6	7.5	45	0.18	47
PRE AREA	1112	30	33	7.5	247	0.18	200
WAITING AREA	564	120	67	7.5	502	0.18	101
UTILITY AREA	260	30	7	7.5	52	0.18	46
							3224
TOTAL OUTDOOR AIR REQUIRED	0.8 (AIR DISTRIBUTION EFFECTIVENESS FACTOR)			3224/0.8=4030			
TOTAL OUTDOOR AIR PROVIDED	(4)MUA + (3)RTU's 30%ECON=2000X4+1500X2+960=11960 CFM						

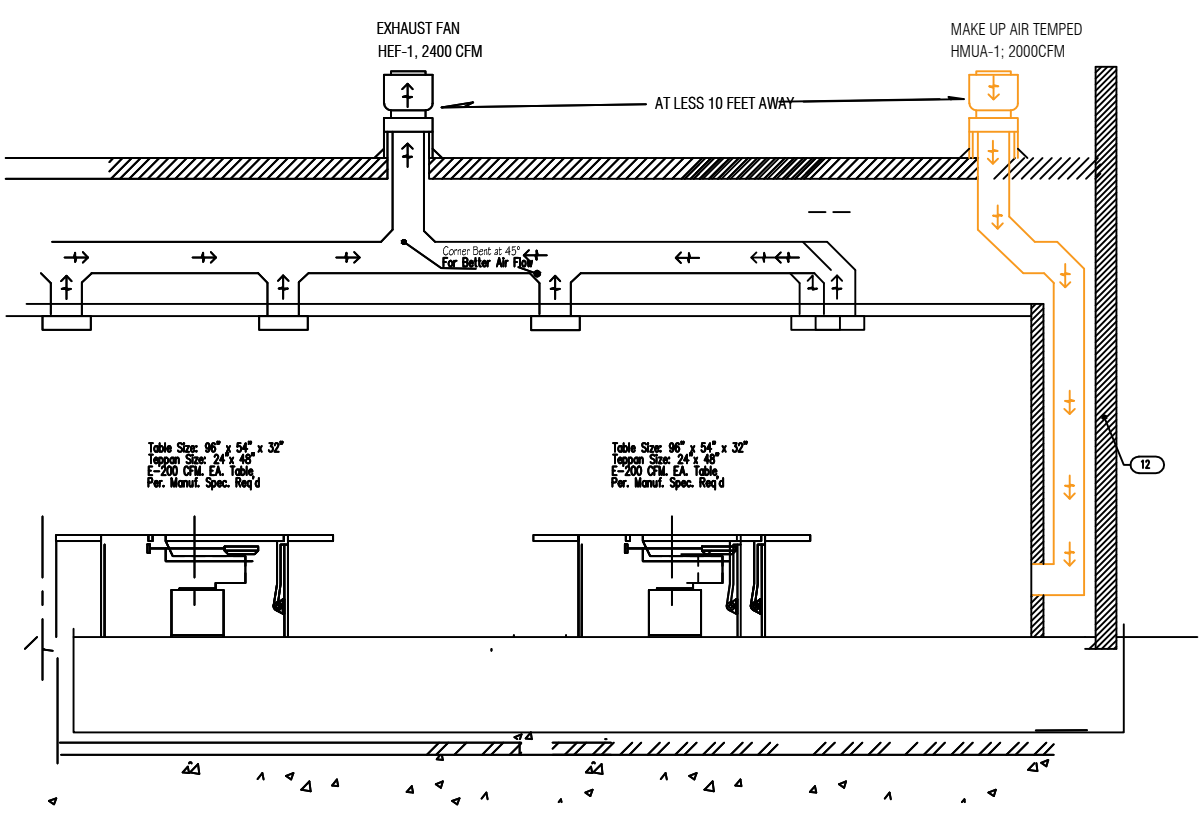
**AIR BALANCE SCHEDULE**

MBER	SUPPLY	RETURN	OUTSIDE AIR	EXHAUST AIR
RTU-1; -2 (12.5T)	5000 X 2	3500 X 2	+1500 X 2	
RTU-3 (8.0T)	3400	2240	+960	
MUA-1 EXIST'G			+3840	
HMUA-1;-2;-3;-4 (HOT POT DINNING)			+2000 X 4	
KEF-1 (EXIST'S)				-4800
HEF-1;-2;-3;-4 (HOT POT DINNING)				-2400 X 4
TEF-1;-2 (EXIST'S)				-200 X 3
TOTAL:			+15800	-15000
BUILDING AIR BALANCE			+800	

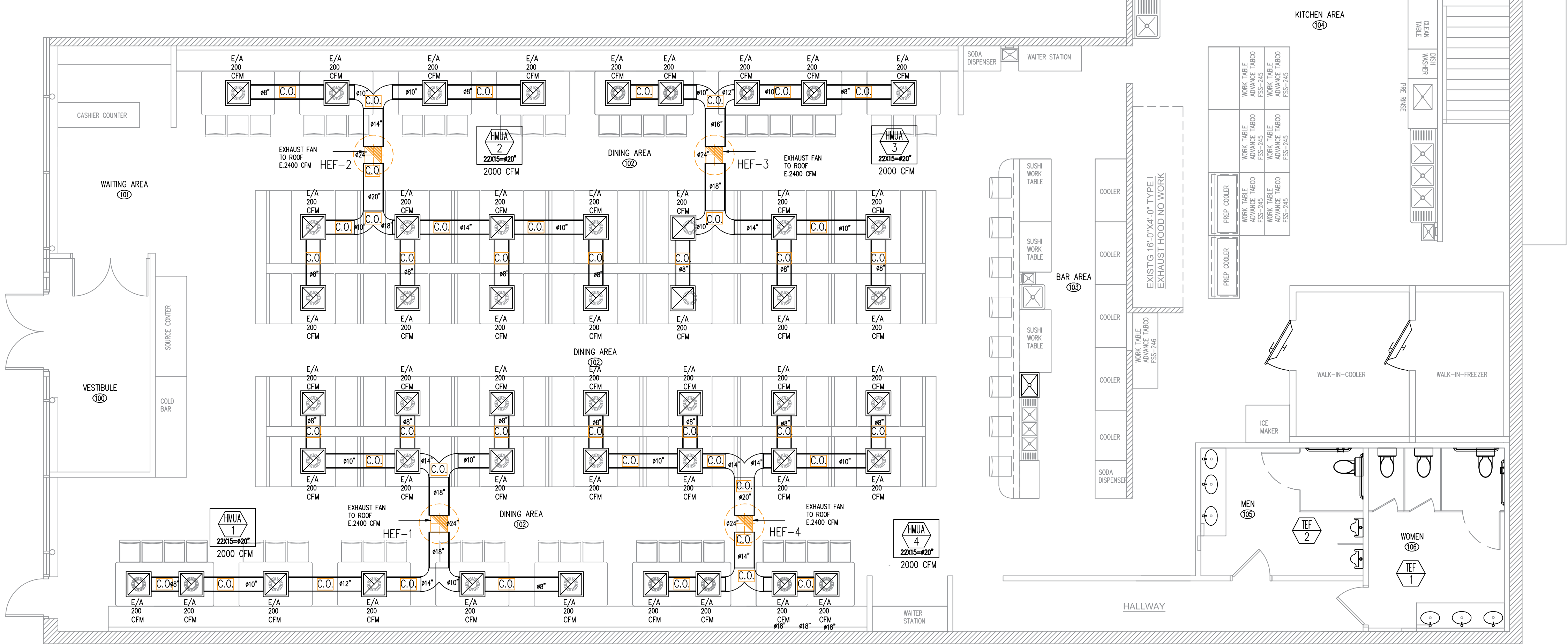
**KITCHEN AREA EXHAUST REQUIRED PER IMC 2018, TABLE 403.3**

	SQ. FT.	EXHAUST AIR PER SQ. FT.	EXHAUST AIR REQUIRED	EXHAUST AIR PROVIDED
KITCHEN AREA	262	0.7	183	2400 X 2=4800
HOT POT DINING AREA	2820	0.7	1974	2400 X 4=9600

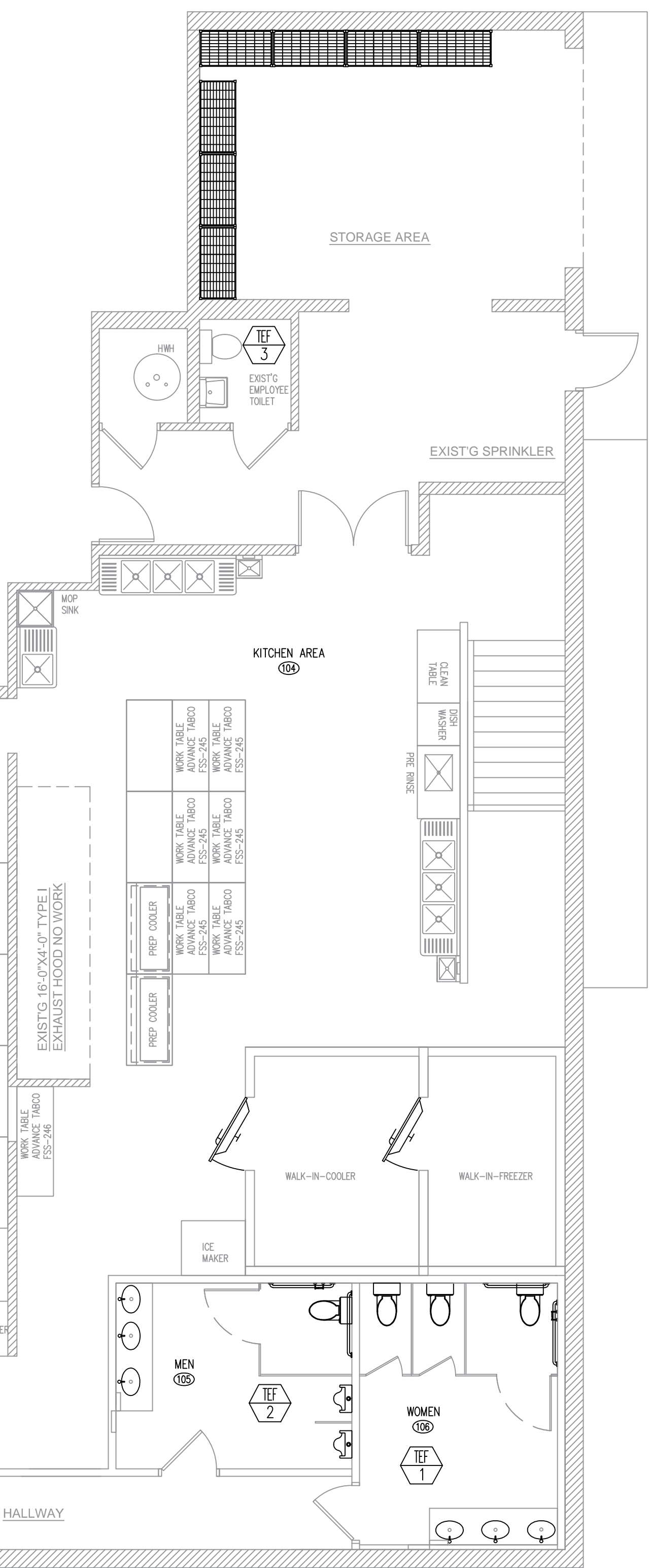
- NOTE:**
- minimum slop of 1/8" per foot per code
  - Provide a clear out in exhaust fan dust.
  - The underground duct shall be completely encased in 4" of concreted.
  - Install a required grease duct reservoir as manufacture manual.



**B DINING AREA EXHAUST DUCT AND MAKE UP DUCT PLAN N.S.**



**A DINING AREA EXHAUST AND MAKE UP AIR PLAN SCALE 3/16"=1'-0"**



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**HOT POT RESTAURANT  
INTERIOR REMODELING**

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ISSUES	DATE
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**DINING AREA  
EXHAUST & MAKE  
UP AIR PLAN &  
SCHEDULES**

KEYNOTE LEGEND:

1. THE EXHAUST VENTILATION IS REQUIRED TO REMAIN ON DURING FIRE SYSTEM ACTIVATION. EACH TABLE HAS A MANUAL PULL STATION AND A ELECTRICAL SWITCH FOR EACH TABLE HAS A HEATER UNDER THE GRILL.

2. AN OPENING LARGER ENOUGH TO PERMIT CLEANING DIRECTION FOR PURPOSE OF INSPECTION AND CLEANING. ON THE HORIZONTAL GREASE DUCTS, OPENINGS ARE REQUIRED WITHIN 12-FOOT INTERVALS (NFPA96.7.4.1.2.)VERTICAL DUCTS REQUIRE ACCESS FOR CLEANING ON EACH FLOOR.

3. 8"x12" GREASE DUCT FIRE PROOF ACCESS PANEL AND ACCESS FRAME NEED WELDED TO DUCT AND FILL CONCRETE AN ALL SIDES.

4. 12"x16" FLOOR OPENING WITH 10GA. S.S. REMOVABLE ACCESS COVER.

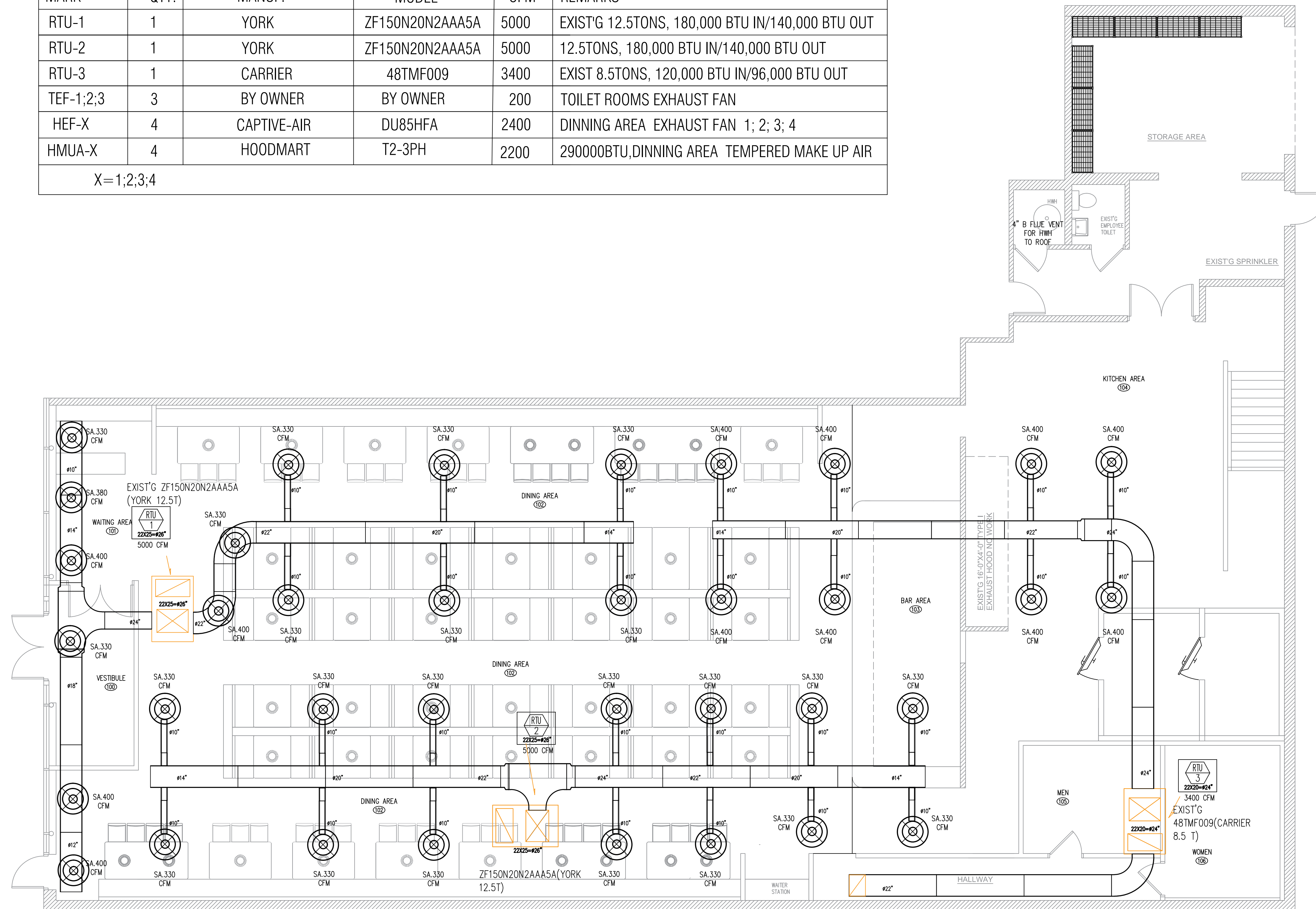
5. THE HEAT DETECTOR OVERHEAD OF THE TABLES IS RATED AT A MINIMUM OF 135° F.

6. ALL DUCT SHALL BE 16GA. ABOVE GROUND AND 18GA. STAINLESS STEEL FOR UNDERGROUND ALL WELDED SEAM CONST.

10. 4" MINIMUM CONCRETE FINISH FLOOR G.C. NEED VERIFY PER VILLAGE REQUIRED.

### MECHANICAL EQUIPMENT SCHEDULE

MARK	QTY.	MANUF.	MODEL	CFM	REMARKS
RTU-1	1	YORK	ZF150N20N2AAA5A	5000	EXIST'G 12.5TONS, 180,000 BTU IN/140,000 BTU OUT
RTU-2	1	YORK	ZF150N20N2AAA5A	5000	12.5TONS, 180,000 BTU IN/140,000 BTU OUT
RTU-3	1	CARRIER	48TMF009	3400	EXIST 8.5TONS, 120,000 BTU IN/96,000 BTU OUT
TEF-1;2;3	3	BY OWNER	BY OWNER	200	TOILET ROOMS EXHAUST FAN
HEF-X	4	CAPTIVE-AIR	DU85HFA	2400	DINNING AREA EXHAUST FAN 1; 2; 3; 4
HMUA-X	4	HOODMART	T2-3PH	2200	290000BTU,DINNING AREA TEMPERED MAKE UP AIR
X= 1;2;3;4					



**A** MECHANICAL PLAN  
SCALE 3/16" = 1'-0"

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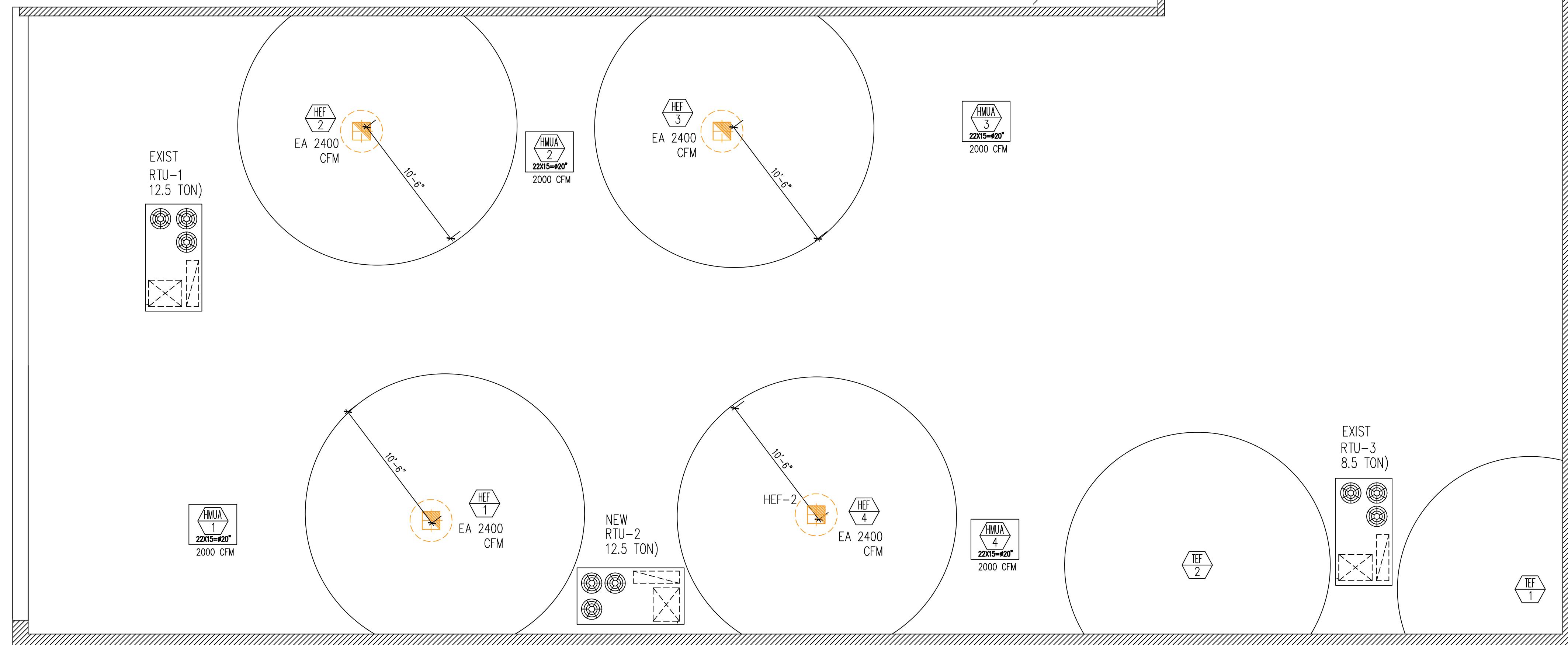
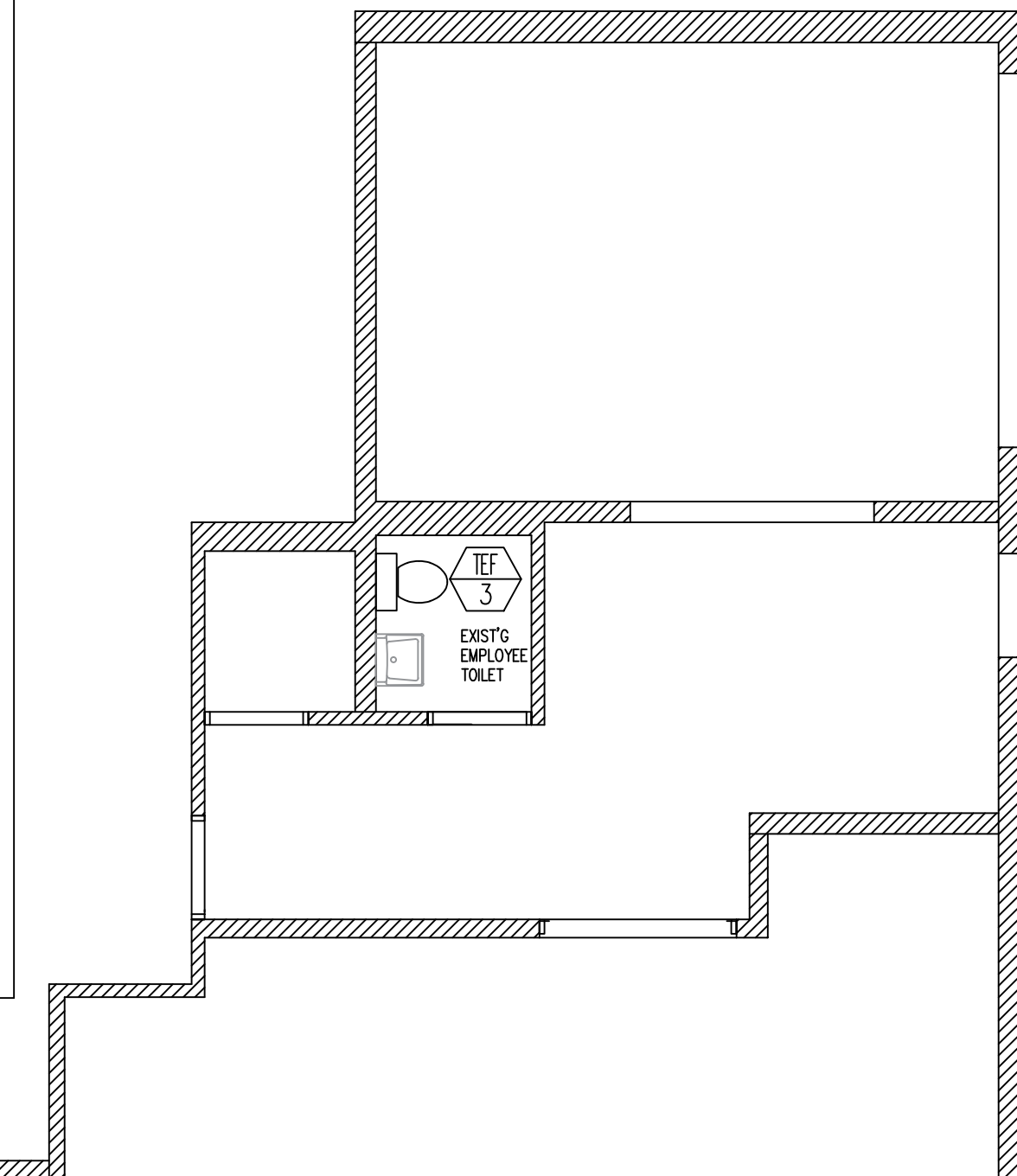
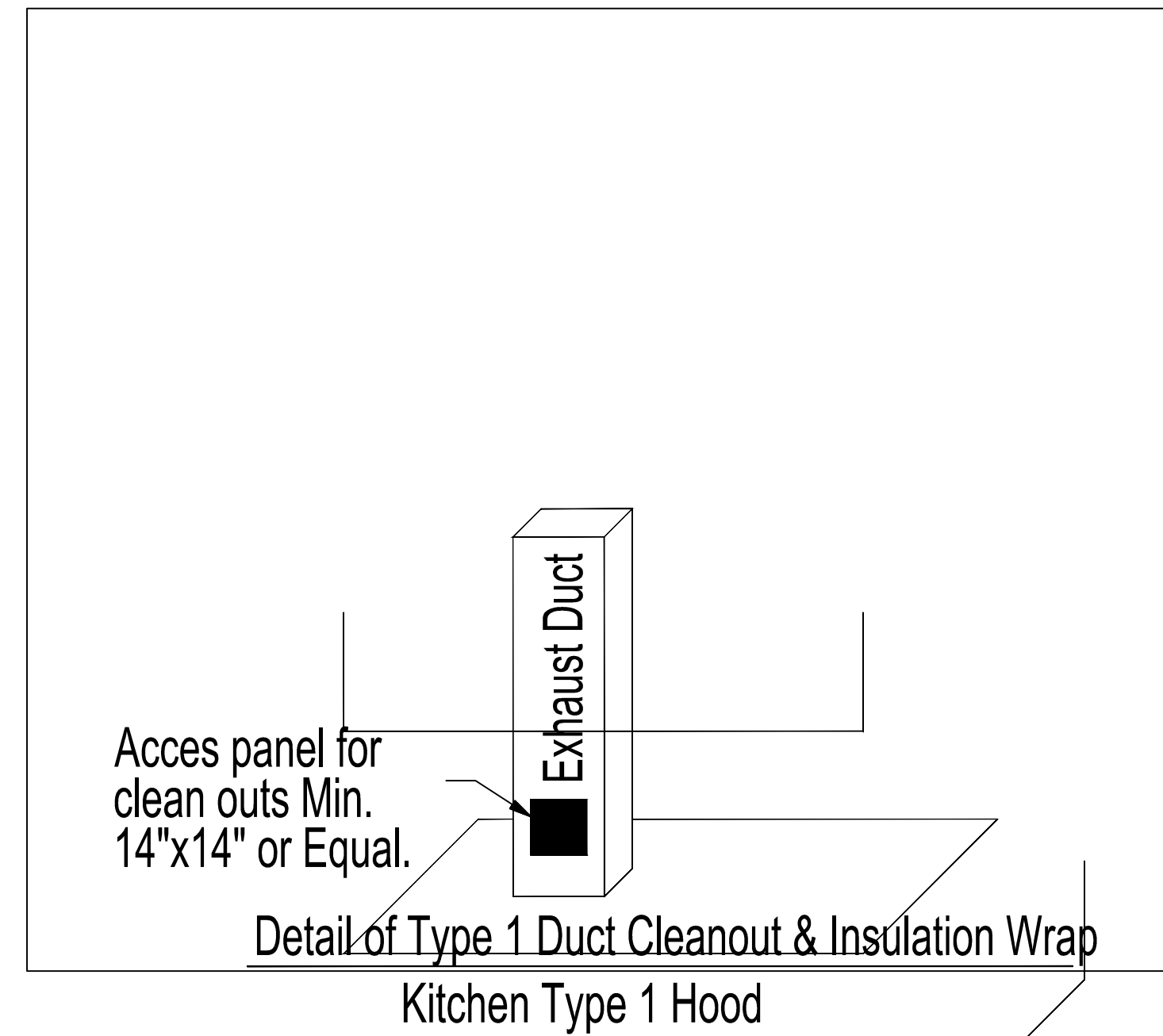
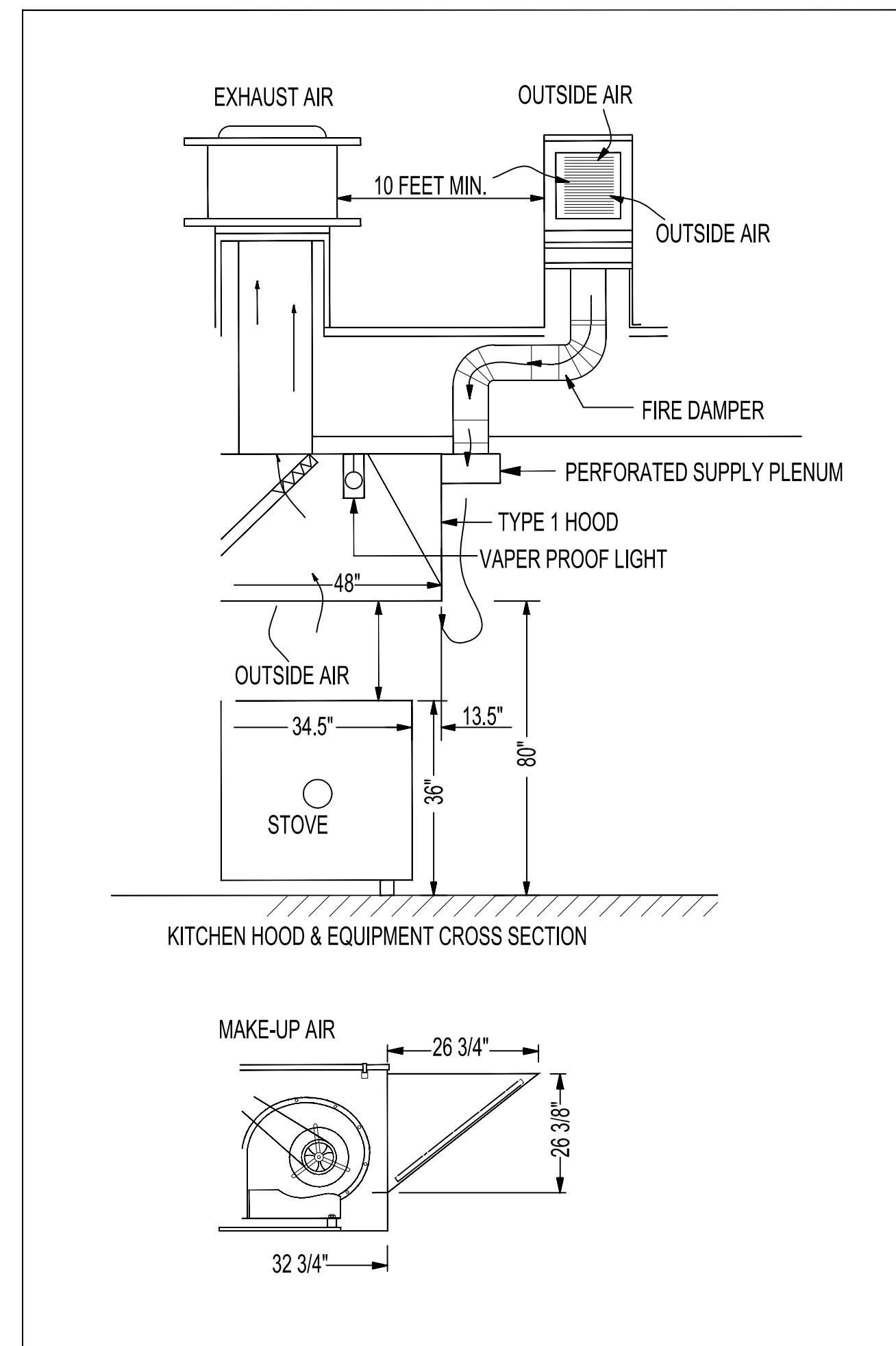


MECHANICAL  
PLAN &  
SCHEDULES

SHEET NUMBER

**M2**





**A** ROOF MECHANICAL PLAN  
SCALE 3/16" = 1'-0"

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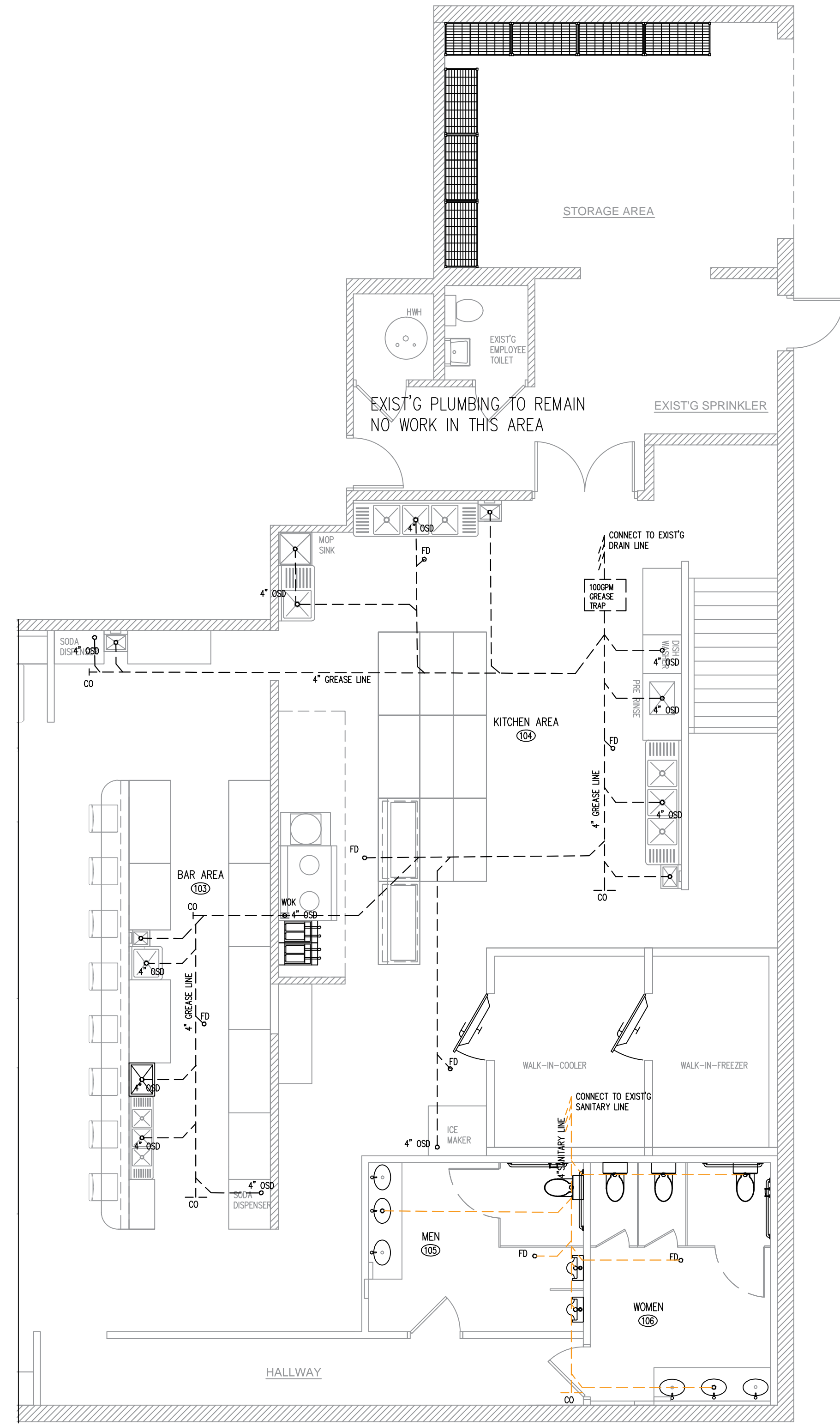
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ROOF MECHANICAL PLAN

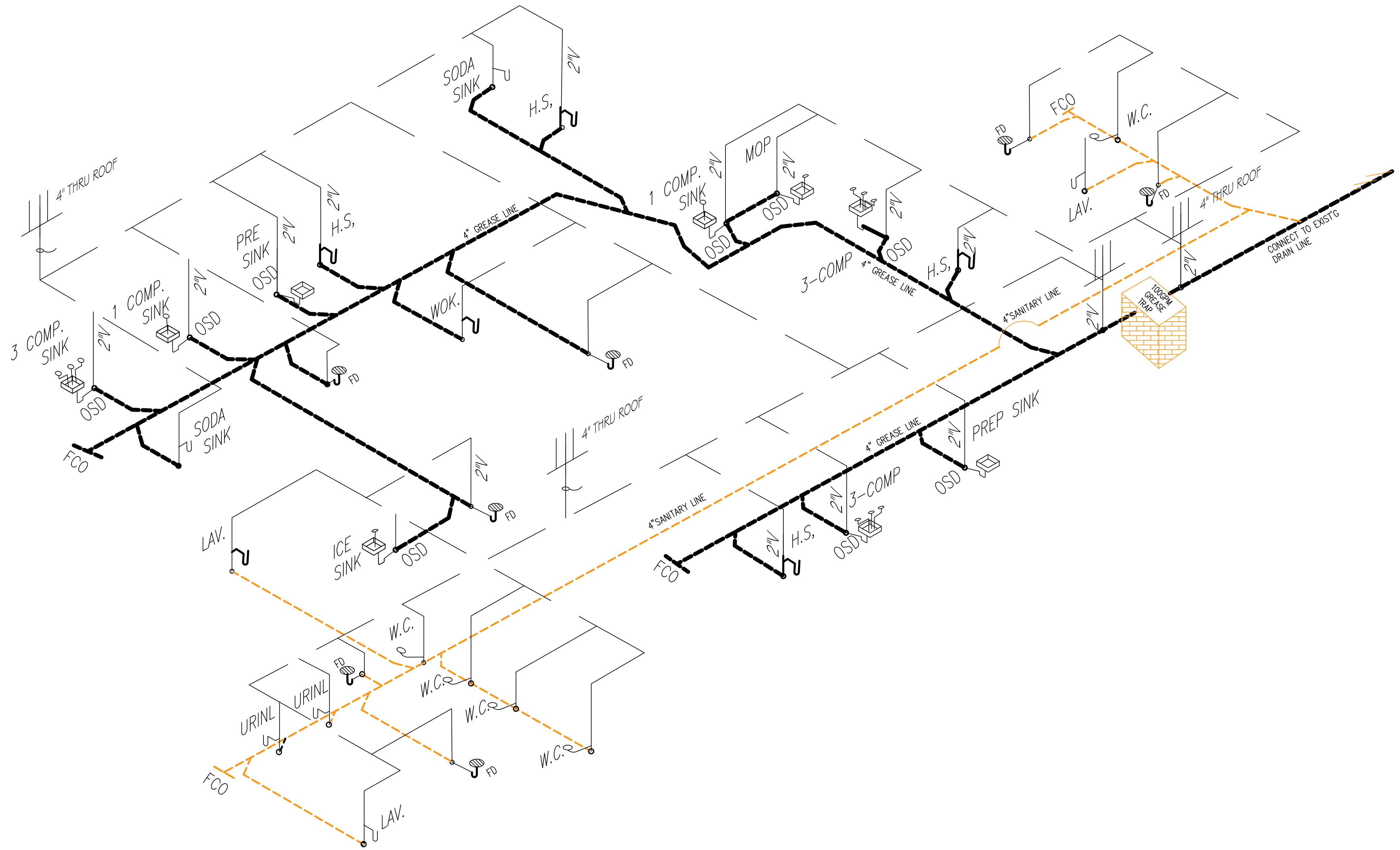
SHEET NUMBER

M3



**B** PLUMBING PLAN  
SCALE 3/16" = 1'-0"

ALL WASTE PIPE LAYOUT ARE GRAPHIC ONLY, THE LICENSE PLUMBING CONTRACTOR RESPONSES FOR ACTUAL PIPING LAYOUT AND CONSULTING WITH ARCHITECT AND OWNER,



**A** WASTE & GREASE LINE DIAGRAM  
NO SCALE

**GREASE TRAP CALCULATION**

ITEM	VOL. (GAL.)
(18"x18"x12") 3 COMP SINK	50X2 =100
(18"x18"x12") 1 COMP SINK	17
24"x24"x4" PRE RINSE	10
24"x24"x4" MOP SINK	10
3 F.D.	18
WOK	10
<b>TOTAL</b>	<b>165</b>

THEREFORE, MIN. GREASE TRAP REQUIREMENT: 165X60% OR 99 GPM LIQUID HOLDING CAPACITY  
THEREFORE, PICK 100GPM LIQUID HOLDING CAPACITY AS PER ILLINOIS PLUMBING CODE, 890.510

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WASTE & GREASE  
LINE DIAGRAM

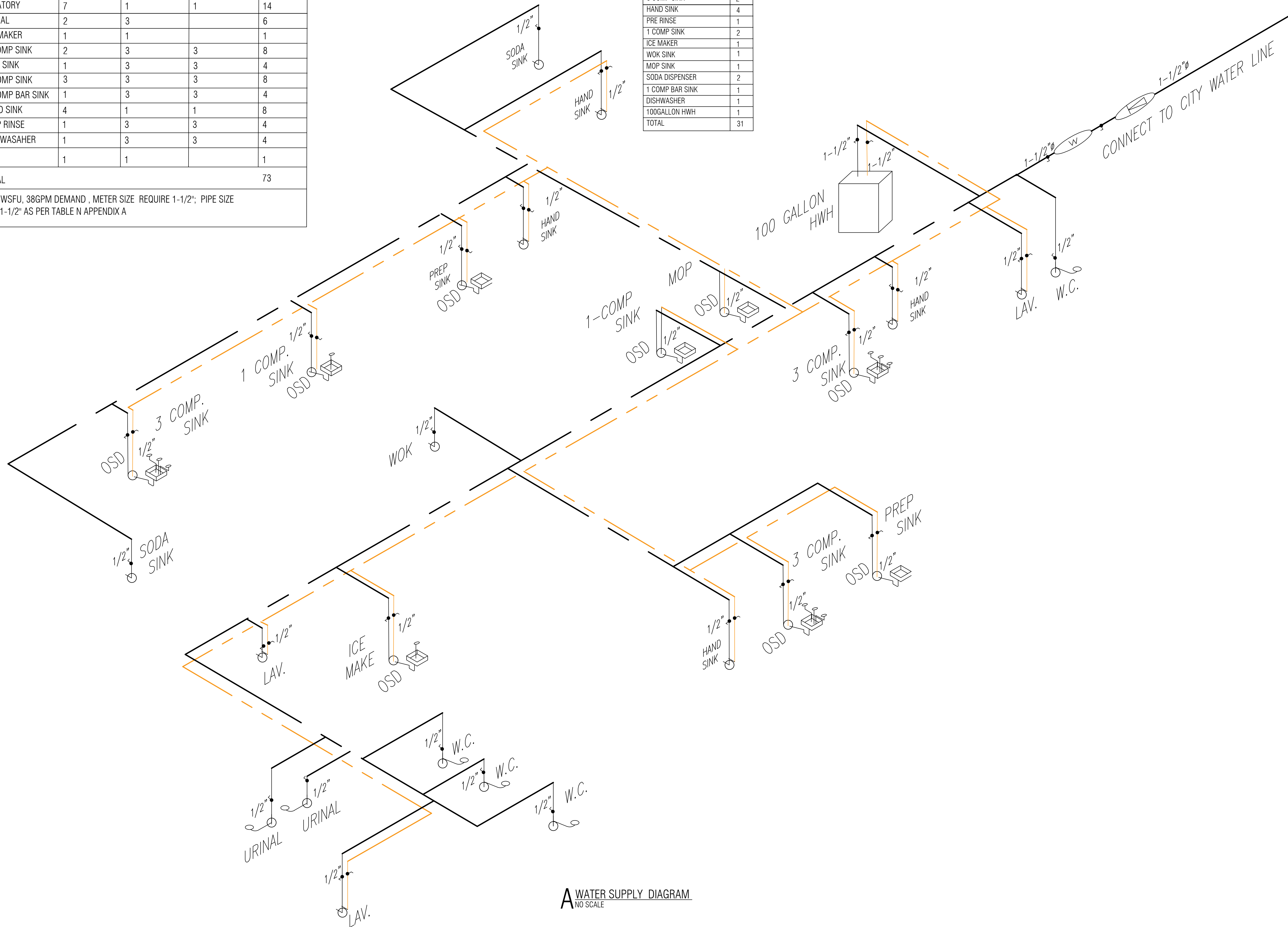
**WATER USAGE CALCULATION**

PLUMBING FIXTURES	NO.	LOAD VALVES IN WATER SUPPLY FIXTURES UNITS		
		COLD	HOT	TOTAL
TOILET	5	3		15
LAVATORY	7	1	1	14
URINAL	2	3		6
ICE MAKER	1	1		1
1-COMP SINK	2	3	3	8
MOP SINK	1	3	3	4
3-COMP SINK	3	3	3	8
3-COMP BAR SINK	1	3	3	4
HAND SINK	4	1	1	8
PREP RINSE	1	3	3	4
DISHWASHER	1	3	3	4
WOK	1	1		1
<b>TOTAL</b>				<b>73</b>

TOTAL 73WSFU, 38GPM DEMAND, METER SIZE REQUIRE 1-1/2"; PIPE SIZE REQUIRE 1-1/2" AS PER TABLE N APPENDIX A

**EXIST'S PLUMBING FIXTURES**

PLUMBING FIXTURES	QTY
WATER CLOSET	5
LAVATORY	7
URINAL	2
3 COMP SINK	2
HAND SINK	4
PRE RINSE	1
1 COMP SINK	2
ICE MAKER	1
WOK SINK	1
MOP SINK	1
SODA DISPENSER	2
1 COMP BAR SINK	1
DISHWASHER	1
100GALLON HWH	1
<b>TOTAL</b>	<b>31</b>



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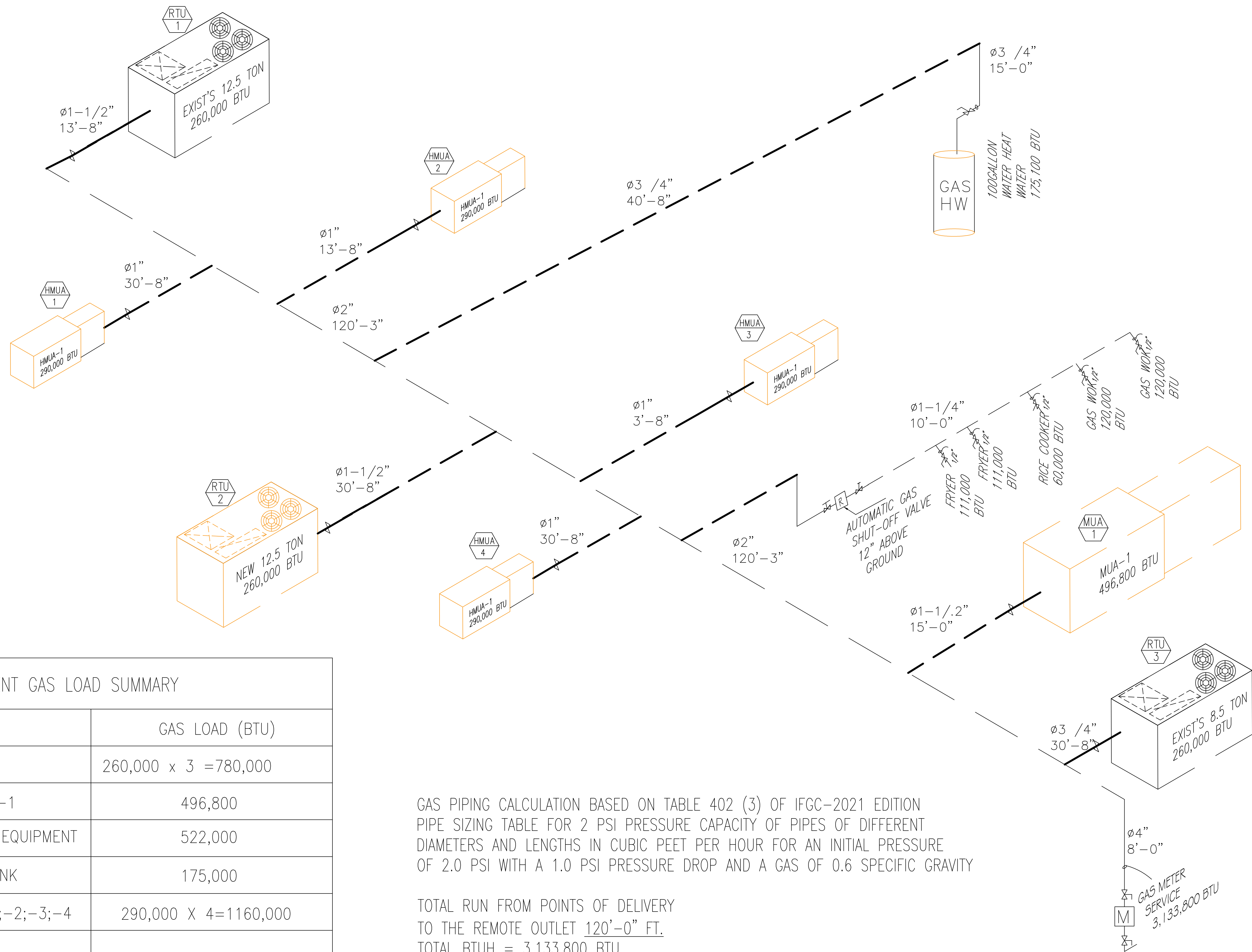
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**WATER SUPPLY  
DIAGRAM**

SHEET NUMBER  
**P2**



EQUIPMENT GAS LOAD SUMMARY	
DESCRIPTION	GAS LOAD (BTU)
RTU-1,2,3	260,000 x 3 =780,000
KITCHEN HOOD MUA-1	496,800
KITCHEN GAS COOKING EQUIPMENT	522,000
GAS WATER HEAT TANK	175,000
DINING AREA HMUA-1;-2;-3;-4	290,000 X 4=1160,000
TOTAL GAS LOAD REQUIRED	3,133,800 BTU

GAS PIPING CALCULATION BASED ON TABLE 402 (3) OF IFGC-2021 EDITION  
 PIPE SIZING TABLE FOR 2 PSI PRESSURE CAPACITY OF PIPES OF DIFFERENT  
 DIAMETERS AND LENGTHS IN CUBIC FEET PER HOUR FOR AN INITIAL PRESSURE  
 OF 2.0 PSI WITH A 1.0 PSI PRESSURE DROP AND A GAS OF 0.6 SPECIFIC GRAVITY

TOTAL RUN FROM POINTS OF DELIVERY  
 TO THE REMOTE OUTLET 120'-0" FT.  
 TOTAL BTUH = 3,133,800 BTU

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 INTERIOR REMODELING  
 1555 W. IRVING PARK ROAD HANOVER PARK IL 60133

ISSUES	DATE
ISSUED FOR PERMIT	05/01/2023



GAS  
 PIPING DIAGRAM

SHEET NUMBER

G1