

ZONING/BUILDING SETBACK/PARKING NOTES:

MAXIMUM BUILDING HEIGHT	35 FEET (SEE SCHEDULE "B" ITEM #6)
FRONT/STREET SETBACK	20 FEET
REAR SETBACK	NONE
SIDE YARD SETBACK	(INTERIOR) NONE (CORNER) 20 FEET
PARKING REQUIREMENT	*
AREA (MIN SQ. FT.)	NONE

FOR ZONING SETBACK REQUIREMENTS REFER TO THE CITY OF PEORIA ZONING ORDINANCE PEORIA, ILLINOIS - CODE OF ORDINANCES APPENDIX A - UNIFIED DEVELOPMENT CODE 4.0 - BASE DISTRICTS 4.3 - COMMERCIAL DISTRICTS ON THE MUNICO COUNTY WEBSITE.
https://library.munico.com/peoria/codes/code_of_ordinances?modelId=CO_APXAUDECO_4.0BADI_4.3CODI

LEGEND

	BOUNDARY OF SURVEY		EXISTING FENCE LINE
	EXISTING PROPERTY LINE		LIGHT POLE
	EXISTING RIGHT OF WAY LINE		ELECTRICAL TRANSFORMER
	BUILDING SETBACK LINE (BSL)		WATER METER
	EASEMENT LINE		FIRE HYDRANT
	IRON MONUMENT FOUND		WATER VALVE
	3/4" IRON PIPE SET		STORM SEWER INLET
	CHISELED "X" SET		SIGN
	SECTION CORNER		SANITARY SEWER MANHOLE
	FLAT OR DEED DIMENSION		
	CONCRETE SURFACE		
	BITUMINOUS SURFACE		
	ITEM # 7 - 10' WIDE UNDERGROUND ELECTRIC EASEMENT DOC. NO. 72-12345		
	ITEM # 8 - 20' WIDE SANITARY EASEMENT DOC. NO. 72-02819		
	NOT LISTED IN TITLE COMMITMENT - 18' UNDERGROUND ELECTRIC EASEMENT DOC. NO. 80-07730		

GENERAL NOTES:

BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83, WEST ZONE 1202.

AREA SURVEYED = 1.304 ACRES±

PROPERTY SURVEYED IS PIN 14-30-227-002.

THE PROPERTY DESCRIBED ON THE SURVEY IS THE SAME AS THE PROPERTY IN ATTORNEYS' TITLE GUARANTY FUND, INC. COMMITMENT FOR TITLE INSURANCE, COMMITMENT NO. 210157704139, DATED MAY 06, 2022.

THIS PROPERTY HAS ACCESS TO NORTH BRANDYWINE DRIVE WHICH IS A PUBLIC ROAD.

THIS PROPERTY IS CURRENTLY ZONED C1, GENERAL COMMERCIAL DISTRICT.

THERE ARE NO KNOWN CEMETERIES OR BURIAL GROUNDS ON THIS PROPERTY.

LEGAL DESCRIPTION FROM SCHEDULE "A" OF ATTORNEYS' TITLE GUARANTY FUND, INC. COMMITMENT FOR TITLE INSURANCE, COMMITMENT NO. 210157704139, DATED MAY 06, 2022

A PART OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 9 NORTH, RANGE 8 EAST OF THE FOURTH PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT A STONE AT THE NORTHEAST CORNER OF SECTION 30, TOWNSHIP 9 NORTH, RANGE 8 EAST OF THE FOURTH PRINCIPAL MERIDIAN; THENCE SOUTH 15° 33' 56" WEST (BEARINGS ASSUMED FOR PURPOSES OF DESCRIPTION ONLY - REFERRED TO AS NORTH 16° 11' EAST IN BOOK 1044 AT PAGE 115 IN THE OFFICE OF THE PEORIA COUNTY RECORDER OF DEEDS), 137.81 FEET TO THE POINT OF BEGINNING OF THE TRACT TO BE DESCRIBED; FROM THE POINT OF BEGINNING, THENCE SOUTH 89° 38' 53" WEST, 326.93 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF BRANDYWINE DRIVE, THENCE SOUTH 5° 20' 37" WEST ALONG THE EASTERLY RIGHT-OF-WAY LINE OF BRANDYWINE DRIVE, 10.68 FEET TO A POINT OF CURVATURE, THENCE SOUTHEASTERLY ON A CURVE TO THE LEFT, HAVING A RADIUS OF 280.00 FEET FOR AN ARC DISTANCE OF 228.42 FEET (THE BEARING OF THE CHORD OF SAID ARC BEING SOUTH 18° 01' 37" EAST, FOR A DISTANCE OF 222.14 FEET); THENCE ALONG SAID EASTERLY RIGHT-OF-WAY LINE, TANGENT TO THE PRECEDING CURVE, SOUTH 41° 23' 53" EAST, 27.20 FEET; THENCE NORTH 48° 39' 07" EAST, 88.84 FEET; THENCE NORTH 83° 38' 53" EAST, 126.71 FEET; THENCE NORTH 15° 33' 56" EAST (REFERRED TO AS NORTH 16° 11' EAST IN BOOK 1044 AT PAGE 115), 161.00 FEET TO THE POINT OF BEGINNING, SITUATED IN THE COUNTY OF PEORIA AND STATE OF ILLINOIS.

TABLE A NOTES:

ITEM NO. 1 PERMANENT SURVEY MONUMENTS WERE PLACED AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE PROPERTY.

ITEM NO. 2 ADDRESS: 4232 N. BRANDYWINE DR. PEORIA, ILLINOIS 61614

ITEM NO. 4 AREA OF PROPERTY = 1.304 ACRES±

ITEM NO. 6(a)(b) FOR ZONING SETBACK REQUIREMENTS REFER TO THE CITY OF PEORIA, IL CODE OF ORDINANCES, APPENDIX A-UNIFIED DEVELOPMENT CODE 4.0-BASE DISTRICTS 4.3-COMMERCIAL DISTRICTS. (ZONED C1, GENERAL COMMERCIAL DISTRICT).
https://library.munico.com/peoria/codes/code_of_ordinances?modelId=CO_APXAUDECO_4.0BADI_4.3CODI
 SURVEYOR WAS NOT PROVIDED WITH A ZONING REPORT.

ITEM NO. 7(a)(b)(c) EXTERIOR DIMENSIONS, SQUARE FOOTAGE AND BUILDING HEIGHT ARE AS SHOWN ON THE SURVEY AND TAKEN AT GROUND LEVEL.

ITEM NO. 8 ALL SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE SURVEY ARE SHOWN.

ITEM NO. 9 THERE ARE A TOTAL OF 80 PARKING SPACES OF WHICH 2 ARE MARKED HANDICAP ACCESSIBLE.

ITEM NO. 11(a) SOURCE INFORMATION FROM PLANS AND MARKINGS WILL BE COMBINED WITH OBSERVED EVIDENCE OF UTILITIES PURSUANT TO SECTION 5.4 IV TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. WITH REGARD TO UTILITY MARKINGS IN ILLINOIS, THE ILLINOIS ONE CALL SYSTEM DOES NOT ALLOW FOR MARKINGS TO BE REQUESTED FOR SURVEYING, ENGINEERING, OR PLANNING PURPOSES, ACTUAL EXCAVATION ACTIVITIES MUST BE PERFORMED ON SITE.

ITEM NO. 14 THE NEAREST INTERSECTING STREETS ARE 41ST AVENUE DRIVE AND 38TH STREET, APPROXIMATELY 1,620± FEET SOUTHEAST.

ITEM NO. 16 THERE ARE OFFSITE EASEMENTS SERVING THE PROPERTY AS PLOTTED AND SHOWN HEREON.

INFORMATION TAKEN FROM SCHEDULE "B", PART II EXCEPTIONS OF ATTORNEYS' TITLE GUARANTY FUND, INC. COMMITMENT FOR TITLE INSURANCE, COMMITMENT NO. 210157704139, DATED MAY 06, 2022

ITEM # 6 COVENANTS, CONDITIONS AND RESTRICTIONS CONTAINED IN A DECLARATION OF RESTRICTIONS DATED FEBRUARY 25, 1969 AND RECORDED FEBRUARY 26, 1969 AS DOCUMENT NO. 69-02520 BY DAVID S. JOSEPH, ET AL. NOTE: INSTRUMENT CONTAINS NO PROVISION FOR FORFEITURE OR REVERSION OF TITLE IN THE EVENT OF BREACH THEREOF. (AFFECTS THE PROPERTY, BLANKET IN NATURE, UNABLE TO BE PLOTTED)

ITEM # 7 ELECTRIC AND GAS UNDERGROUND EASEMENT OVER A PART OF THE PREMISES AS GRANTED TO CENTRAL ILLINOIS LIGHT COMPANY ON JUNE 29, 1972 AND RECORDED JULY 25, 1972 AS DOCUMENT NO. 72-12345. (AFFECTS THE PROPERTY, PLOTTED AND SHOWN HEREON)

ITEM # 8 EASEMENT IN FAVOR OF THE GREATER PEORIA SANITARY AND SEWAGE DISPOSAL DISTRICT OVER A PORTION OF THE PREMISES AS DISCLOSED BY INSTRUMENT DATED JANUARY 11, 1972 AND RECORDED FEBRUARY 24, 1972 AS DOCUMENT NO. 72-02819. (DOES NOT AFFECT THE PROPERTY, PLOTTED AND SHOWN HEREON)

ITEM # 9 EASEMENT AGREEMENT BY AND BETWEEN MAURICE B. JOSEPH, NOT PERSONALLY, BUT AS SUCCESSOR TRUSTEE UNDER TRUST NO. 0011781800, KNOWN AS THE BRANDYWINE/PLAYBACK LAND TRUST DATED JULY 11, 1979, OWNER OF THE NORTH PARCEL, AND ROSEMARY T. BUESCHER, OWNER OF THE SOUTH PARCEL, DATED NOVEMBER 19, 2008 AND RECORDED NOVEMBER 19, 2008 AS DOCUMENT NO. 08-34385, AND ALL TERMS CONTAINED THEREIN, SAID AGREEMENT IS FOR THE BENEFIT OF THE SOUTH PARCEL, AND GRANTS A NON-EXCLUSIVE, PERPETUAL EASEMENT FOR ENCROACHMENT.
 NOTE: CORRECT TRUST NO. IS 00110781800 (AFFECTS THE PROPERTY, PLOTTED AND SHOWN HEREON)

ALTA/NSPS CERTIFICATE

CERTIFICATE TO:
 JIMMING WU, INTERNATIONAL BANK OF CHICAGO, ITS SUCCESSORS AND OR ASSIGNS ISAOA, 5069 N. BROADWAY, CHICAGO IL 60640, MAURICE B. JOSEPH, AS SUCCESSOR TRUSTEE UNDER THE PROVISIONS OF A CERTAIN TRUST AGREEMENT DATED JULY 11, 1979, AND KNOWN AS TRUST NO. 00110781800 (THE BRANDYWINE-PLAYBACK LAND TRUST AGREEMENT) AND ATTORNEYS' TITLE GUARANTY FUND, INC. THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 4, 6(a), 6(b), 7(a), 7(b), 7(c), 8, 9, 11(a), 14, 18 AND 19 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON MAY 24, 2022.

I FURTHER CERTIFY THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED AT PEORIA, ILLINOIS THIS 26TH DAY OF MAY, 2022.

AUSTIN ENGINEERING CO., INC.

BY:

MICHAEL P. COCHRAN
 ILLINOIS PROFESSIONAL LAND SURVEYOR No. 3879
 AUSTIN ENGINEERING COMPANY, INC. (309) 691-0224
 311 SW WATER ST., STE. 215 PEORIA, IL 61602
 mcochran@austinengineeringcompany.com

LICENSE EXPIRES NOVEMBER 30, 2022

AUSTIN ENGINEERING CO., INC.
 Consulting Engineers / Surveyors
 311 SW Water St., Suite 215
 Peoria, Illinois 61602
 License No. 184-001143

ALTA/NSPS LAND TITLE SURVEY

A PART OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 9 NORTH, RANGE 8 EAST OF THE FOURTH PRINCIPAL MERIDIAN, SITUATED IN THE COUNTY OF PEORIA AND STATE OF ILLINOIS.

THE REAL ESTATE GROUP, INC.
 4232 BRANDYWINE DR. PEORIA, ILLINOIS 61614

ISSUED	05/26/2022	ALTA/NSPS
PROJECT NO.	42-22-129	
DATE	05/26/2022	
REVISED DATE		
SURVEYED BY	BR/CJL	FIELD BOOK 6004
DRAWN BY	JAB	APPROVED BY MPC
SHEET		

ALTA/NSPS LAND TITLE SURVEY

PROJECT NO. 42-22-129

DATE 05/26/2022

REVISED DATE

SURVEYED BY BR/CJL FIELD BOOK 6004

DRAWN BY JAB APPROVED BY MPC

SHEET

1 OF 1

Z:\Users\pbc\OneDrive\TWP\SECTION_30\NE QUARTER\4232 N BRANDYWINE DR\ALTA 2022\DRAWING\4232 N BRANDYWINE DR - ALTA - 2022.dwg, 5/26/2022 11:27:02 AM

EXTERIOR AND INTERIOR REMODELING OF THE EXISTING 1ST FLOOR SPACE TO PROVIDE A NEW BUFFET RESTAURANT AT 4232 N BRANDYWINE DRIVE PEORIA IL 61614



A SITE PHOTO
NO SCALE

Restroom signage to meet 410 ILCS 35/25 requirements



B ACCESSIBLE SIGNAGE
NOT TO SCALE

GENERAL PROJECT NOTES SUMMARY OF WORK

EXTERIOR AND INTERIOR REMODELING OF THE EXISTING 1ST FLOOR 9880SF SPACE TO ESTABLISH A BUFFET RESTAURANT, INCLUDING ARCHITECTURAL, ELECTRICAL, HVAC 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. FURTHERMORE, 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.

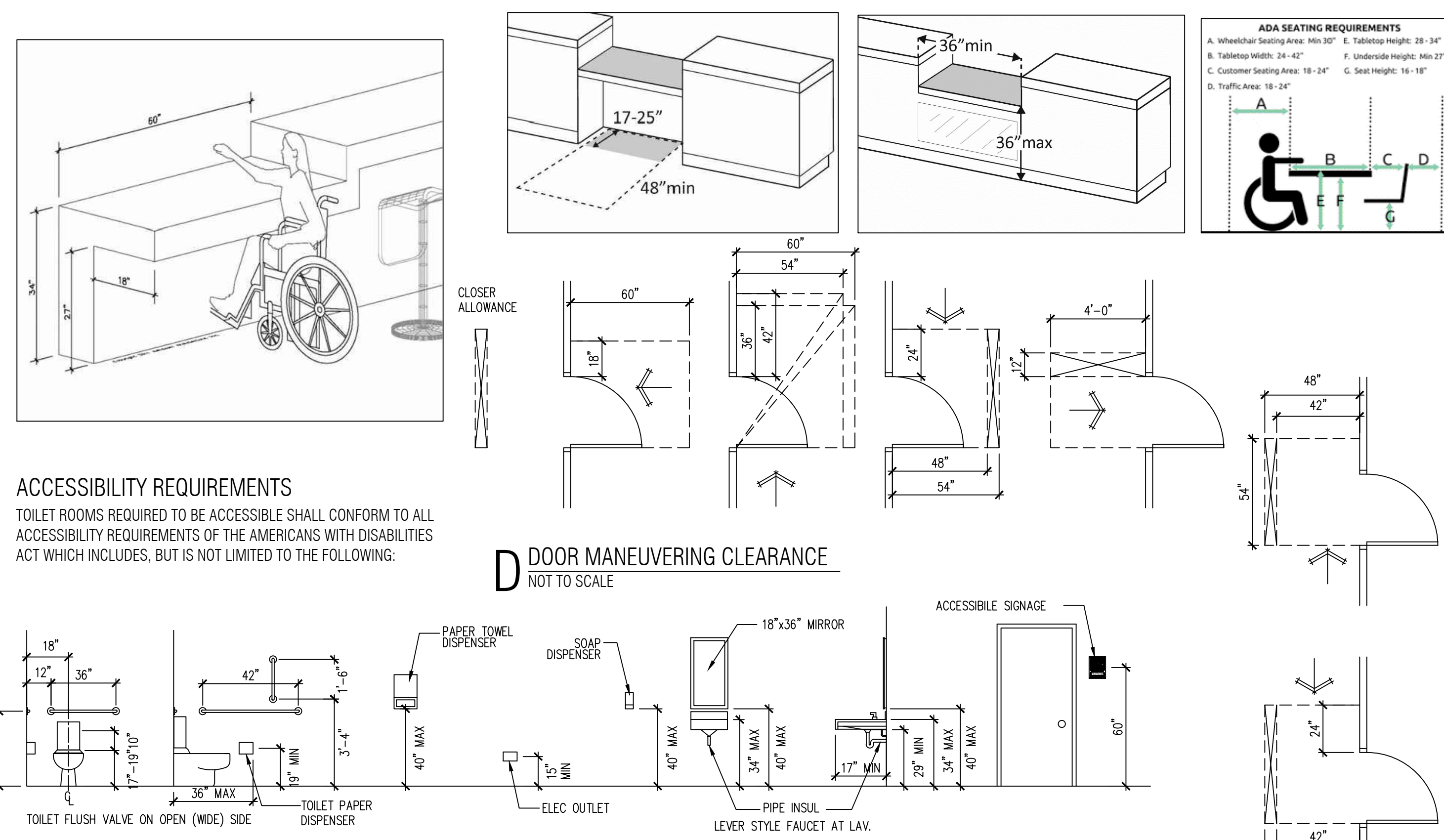
WHEN WALLS ARE TO BE "ALIGNED", THE ALIGNMENT OF SUCH WALLS IS TO THE OUTSIDE FINISHED SURFACE, SUCH AS DRYWALL SURFACE.

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.

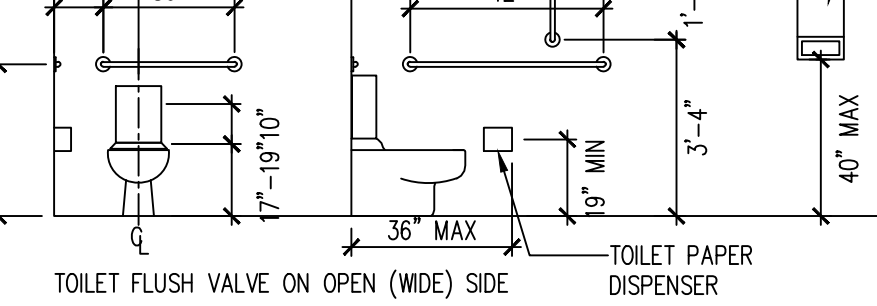


ACCESSIBILITY REQUIREMENTS

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:

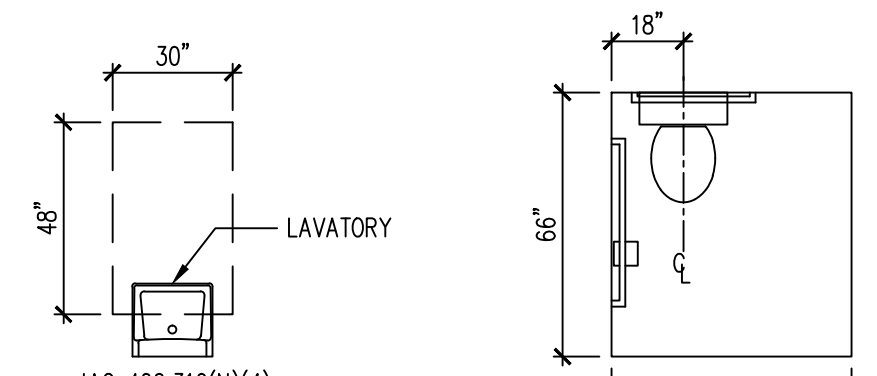
E ACCESSIBLE MOUNTING HEIGHTS

NOT TO SCALE



C TYPICAL ACCESSIBILITY REQUIREMENTS

NOT TO SCALE



ARCHITECT

WEI TAN
TW ARCHITECT INC
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EXPIRES: 11/30/2022

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EXPIRES: 11/30/2023

CODE DATA

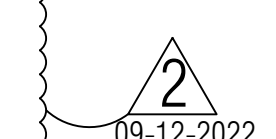
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL LAWS, ORDINANCES, STANDARDS AND REGULATORY AGENCIES INCLUDING BUT NOT LIMITED TO THE REQUIREMENTS (INCLUDING LOCAL AMENDMENTS) OF

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

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PROJECT DATA	
USE GROUP CLASSIFICATION	A-2
CONSTRUCTION TYPE	II-B
AREA TOTAL	9880SF
EXIT ACCESS TRAVEL DISTANCE	100 FT MAXIMUM
AUTOMATIC SPRINKLERS	WILL BE INSTALLED AS PERMIT
DINING AREA	268 OCCUPANTS
KITCHEN AREA PLUS SERVICE AREA	(3000/200) = 15 OCCUPANTS
Occupancy load calculations for all non fixed seating shall be computed per the IFC Chapter 10, TABLE 1004.5 Areas without fixed seating.	
WAITING AREA	2405F /155F = 16 OCCUPANTS
TOTAL OCCUPANT LOADS	299 OCCUPANTS
MAXIMUM HEIGHT	2 STORY
REQUIRED NUMBER OF EXITS	4 ACTUAL 8
MINIMUM CORRIDOR WIDTH	48"



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EXPIRES: 11/30/2023

FEAST BUFFET
EXTERIOR & INTERIOR REMODELING
4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
REISSUED FOR PERMIT	08/18/2022
REISSUED FOR PERMIT	09/05/2022



PROJECT NOTES,
SITE PLAN

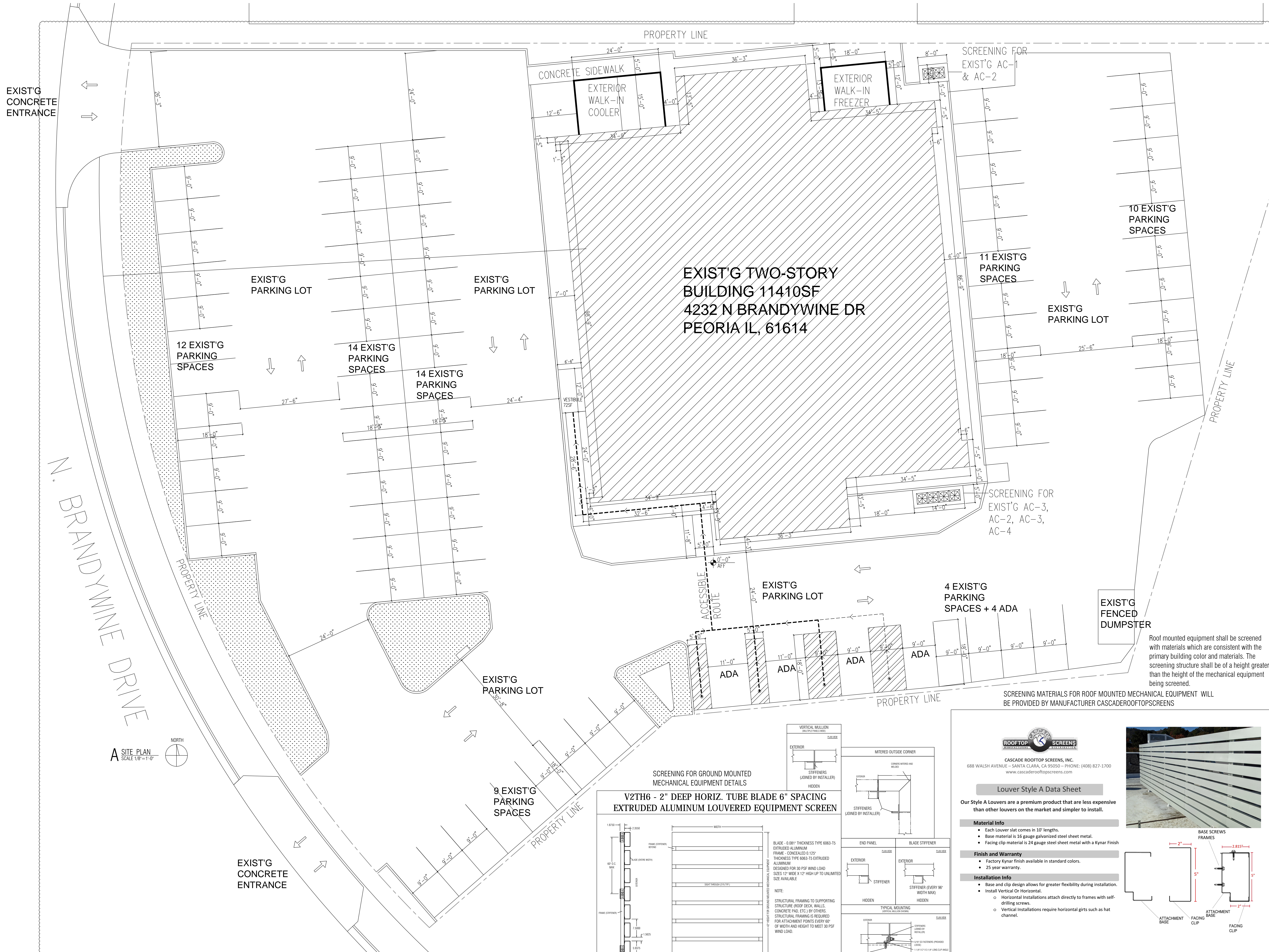
SHEET NUMBER

A0

We. Ta.

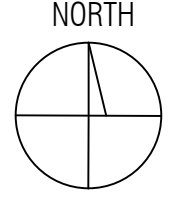
I HEREBY CERTIFY THAT THESE DRAWINGS ARE PREPARED BY ME OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORM WITH CHICAGO BUILDING CODE

LIC EXPIRES NOV 30, 2022

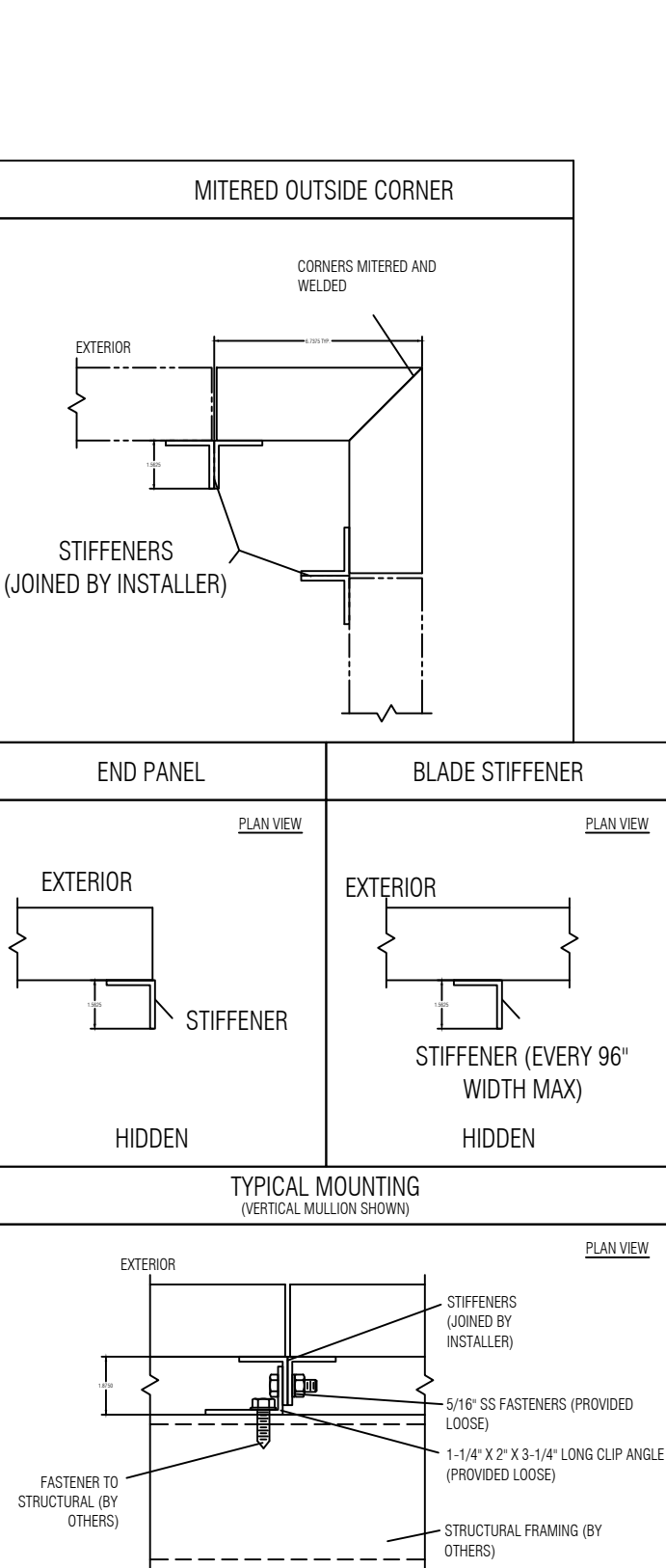
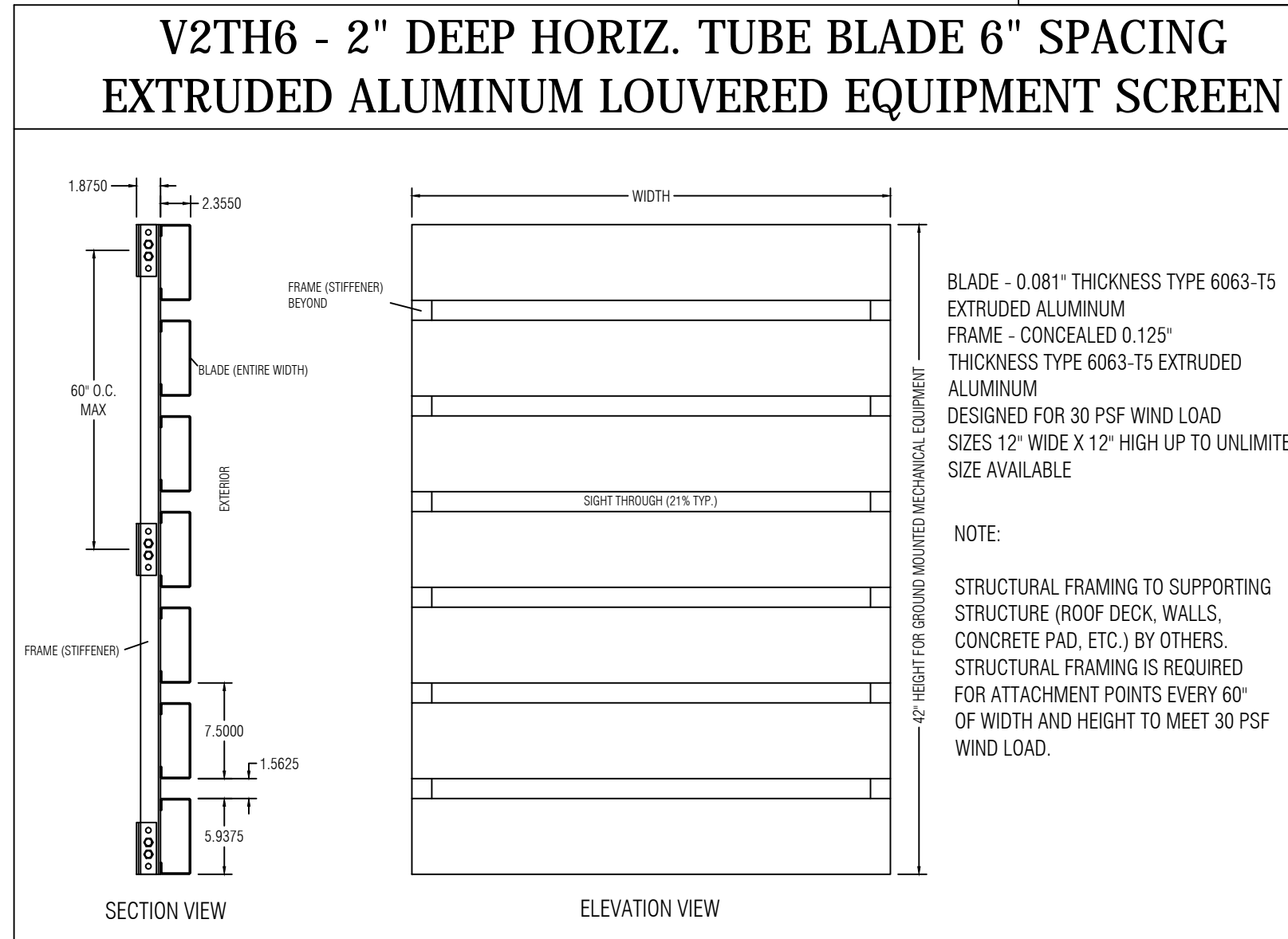


EXIST'G TWO-STORY BUILDING 11410SF
4232 N BRANDYWINE DR
PEORIA IL, 61614

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



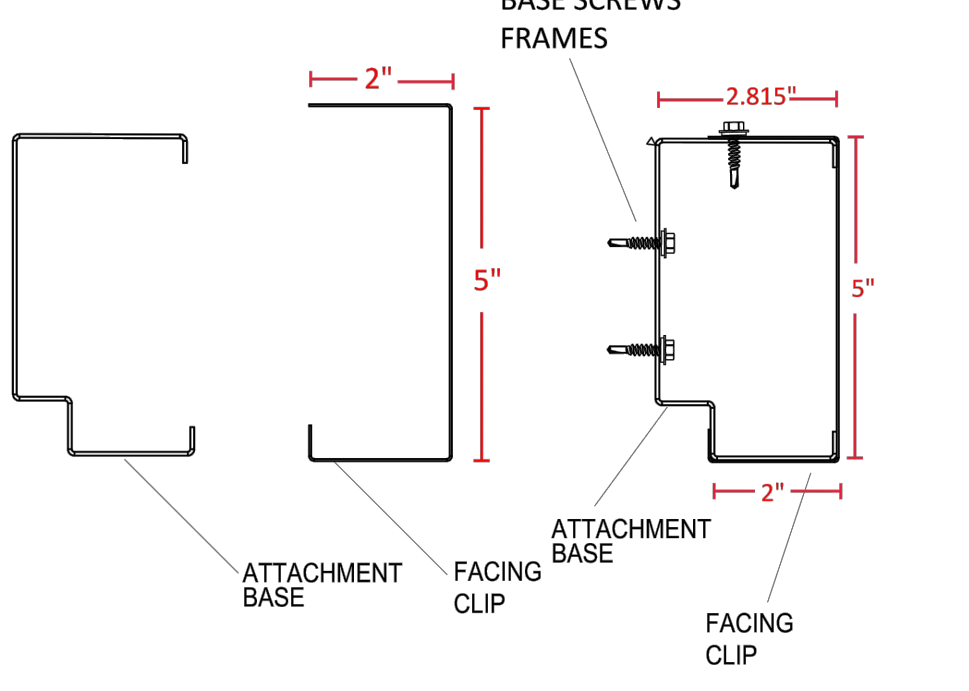
SCREENING FOR GROUND MOUNTED MECHANICAL EQUIPMENT DETAILS



ROOFTOP SCREENS
CASCADEROOFTOPSCREENS, INC.
688 WALSH AVENUE - SANTA CLARA, CA 95050 - PHONE: (408) 827-1700
www.cascaderooftopscreens.com

Lower Style A Data Sheet
Our Style A Louvers are a premium product that are less expensive than other louvers on the market and simpler to install.

- Material Info**
- Each Louver slot comes in 10' lengths.
 - Base material is 16 gauge galvanized steel sheet metal.
 - Facing clip material is 24 gauge steel sheet metal with a Kynar Finish
- Finish and Warranty**
- Factory Kynar finish available in standard colors.
 - 25 year warranty.
- Installation Info**
- Base and clip design allows for greater flexibility during installation.
 - Install Vertical Or Horizontal.
 - Horizontal Installations attach directly to frames with self-drilling screws.
 - Vertical Installations require horizontal girts such as hat channel.



Roof mounted equipment shall be screened with materials which are consistent with the primary building color and materials. The screening structure shall be of a height greater than the height of the mechanical equipment being screened.

SCREENING MATERIALS FOR ROOF MOUNTED MECHANICAL EQUIPMENT WILL BE PROVIDED BY MANUFACTURER CASCADEROOFTOPSCREENS

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MEP ENGINEER
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EXPIRES: 11/30/2023

FEAST BUFFET
EXTERIOR & INTERIOR REMODELING
4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

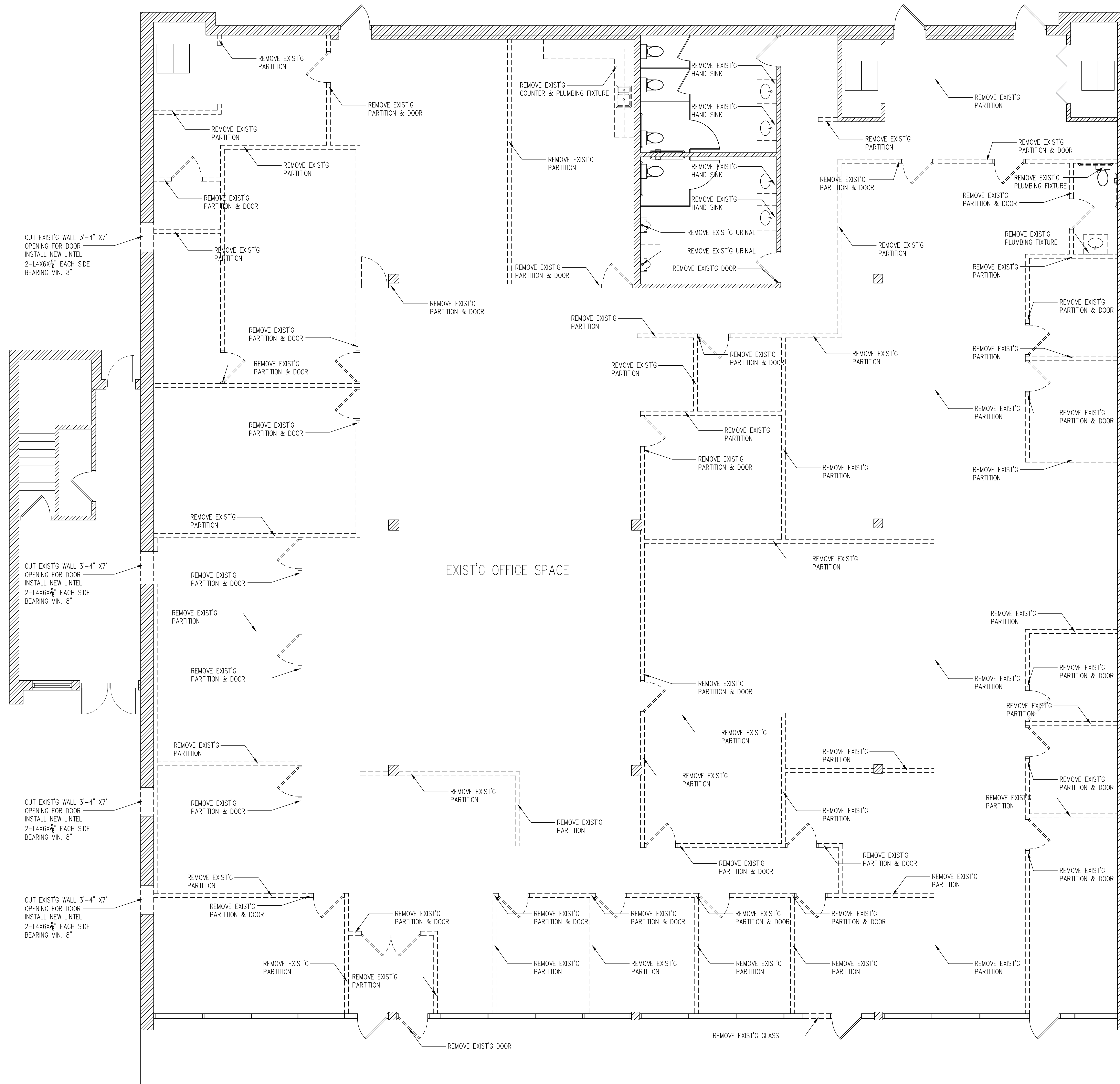
ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
REISSUED FOR PERMIT	08/18/2022
REISSUED FOR PERMIT	09/12/2022



SITE PLAN

SHEET NUMBER

A1



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 BACKS, 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.

A DEMO PLAN
SCALE 1/4"=1'-0" EXISTING WALL DEMO WALL

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FEAST BUFFET
EXTERIOR & INTERIOR REMODELING
4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
ISSUED FOR PERMIT	08/18/2022
ISSUED FOR PERMIT	09/05/2022



DEMO PLANS & NOTES

- 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 food handlers.
- If sinks are provided with spring-leaded faucets, the faucets must remain running for a minimum of 15 seconds.
- Doors leading to the outside and restroom doors are required to be well-sealed and tight fitting. Please confirm that the doors leading to the outside are equipped with a self-closer and weatherstrips to eliminate any air gaps.

ROOM FINISH SCHEDULE					
NO	ROOM	WALLS	BASE	FLOOR	CEILING
100	VESTIBULE	TEMPERED GLASS	OT COVE BASE	FLOOR TILE	6"X6" PAINTED
101	WAITING AREA	GYPSUM BOARD PAINT	OT COVE BASE	FLOOR TILE	2"X2" ACOUSTIC CEILING
102	DINING AREA - 1	GYPSUM BOARD PAINT	OT COVE BASE	FLOOR TILE	2"X2" ACOUSTIC CEILING
103	DINING AREA - 2	GYPSUM BOARD PAINT	OT COVE BASE	FLOOR TILE	2"X2" ACOUSTIC CEILING
104	DINING AREA - 3	GYPSUM BOARD PAINT	OT COVE BASE	FLOOR TILE	2"X2" ACOUSTIC CEILING
105	DINING AREA - 4	GYPSUM BOARD PAINT	OT COVE BASE	FLOOR TILE	2"X2" ACOUSTIC CEILING
106	SERVICE AREA	WALL TILE	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
107	KITCHEN	STAINLESS STEEL	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
108	HIBACHI KITCHEN	STAINLESS STEEL	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
109	SUSHI BAR	STAINLESS STEEL	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
110	DISHWASHING AREA	STAINLESS STEEL	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
111	STORAGE AREA	FRP	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
112	WAITING STATION - 1	WALL TILE	OT COVE BASE	QUARRY TILE	2"X2" ACOUSTIC CEILING
113	WAITING STATION - 2	WALL TILE	OT COVE BASE	QUARRY TILE	2"X2" ACOUSTIC CEILING
114	CASHER	WALL TILE	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
115	OFFICE	GYPSUM BOARD PAINT	OT COVE BASE	QUARRY TILE	2"X4" VINYL TILES CEILING
116	MEN	CERAMIC TILE	OT COVE BASE	FLOOR TILE	2"X4" VINYL TILES CEILING
117	WOMEN	CERAMIC TILE	OT COVE BASE	FLOOR TILE	2"X4" VINYL TILES CEILING

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

HARDWARE SCHEDULE	
TAG	DESCRIPTION
1	1 1/2" PAR BUTT HINGES, W/ SELF CLOSING DEVICE
2	1 1/2" PAR BUTT HINGES, SELF CLOSING DEVICE, ACCESSIBLE HARDWARE
3	1 1/2" PAR BUTT HINGES, PADDLE LATCH EXIT DEVICE AND DOOR CLOSER, PANIC HARDWARE

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 1800SF (KITCHEN AREA) = 450SF REOD
 ACTUAL DRY STORAGE: 15X4X4K2 = 480SF 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.

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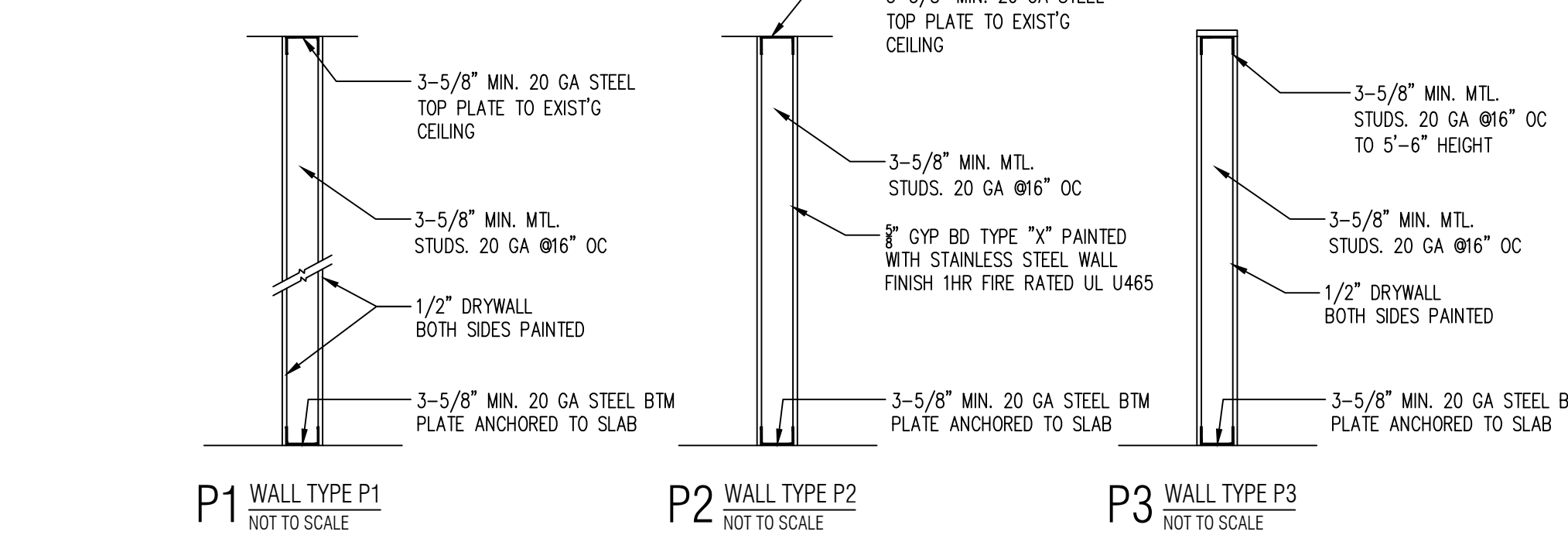
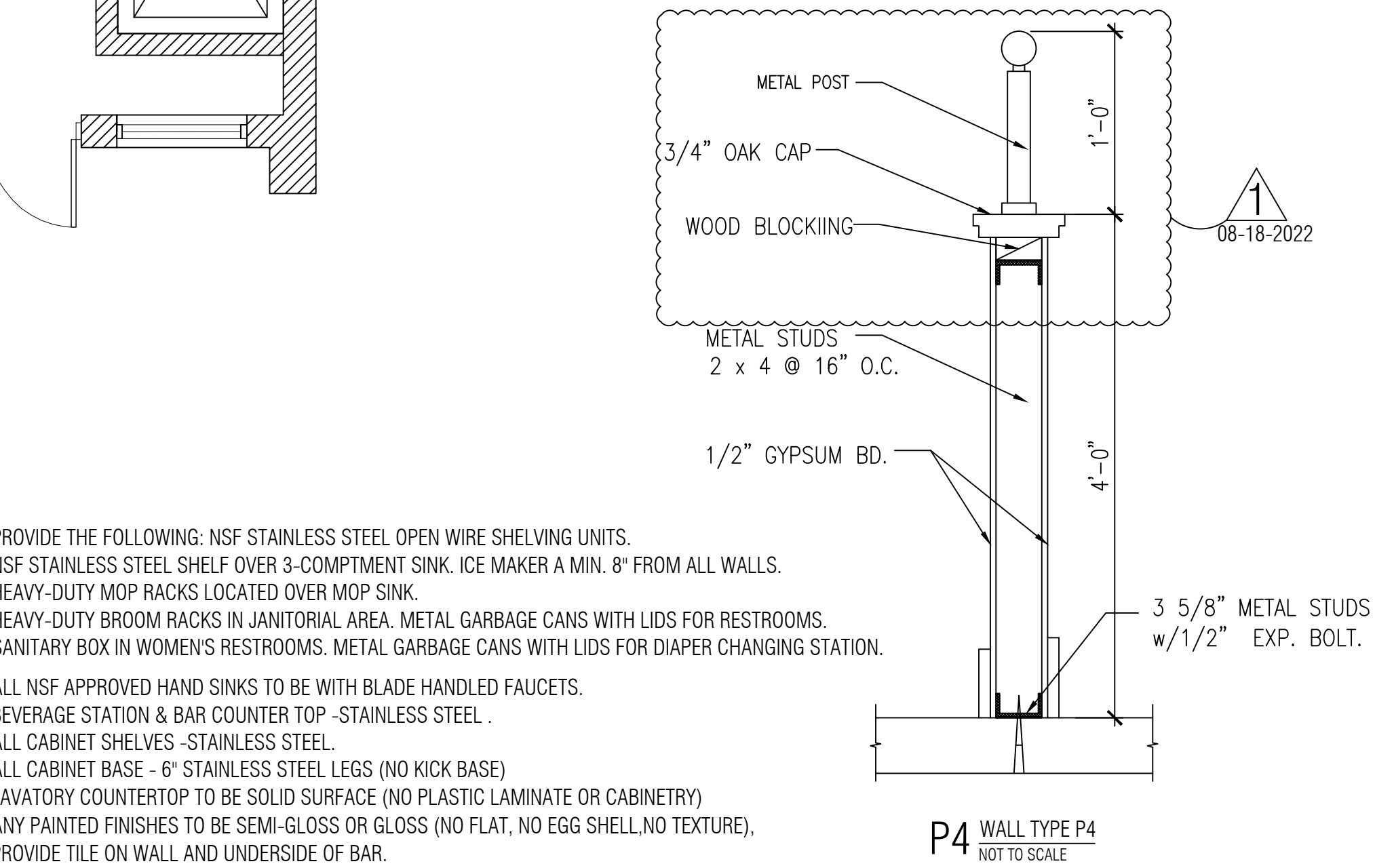
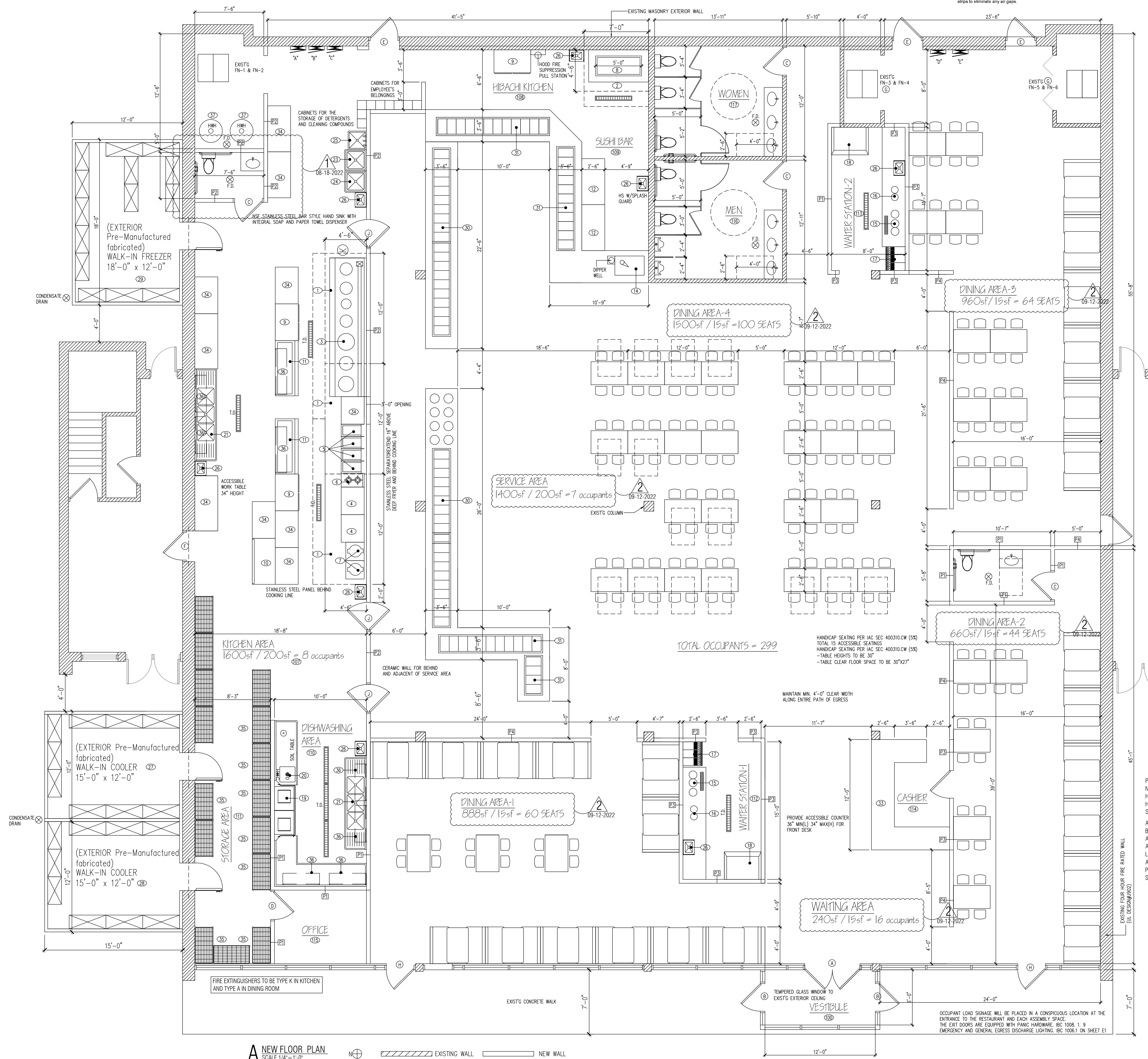
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FLOOR PLANS & NOTES

SHEET NUMBER
A3



A NEW FLOOR PLAN
 SCALE 1/4" = 1'-0"
 EXISTING WALL (Hatched) NEW WALL (Solid)

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, BS-1008, 1.9 EMERGENCY AND GENERAL EGRESS DISCHARGE LIGHTING. IBC 1006.1 ON SHEET E1

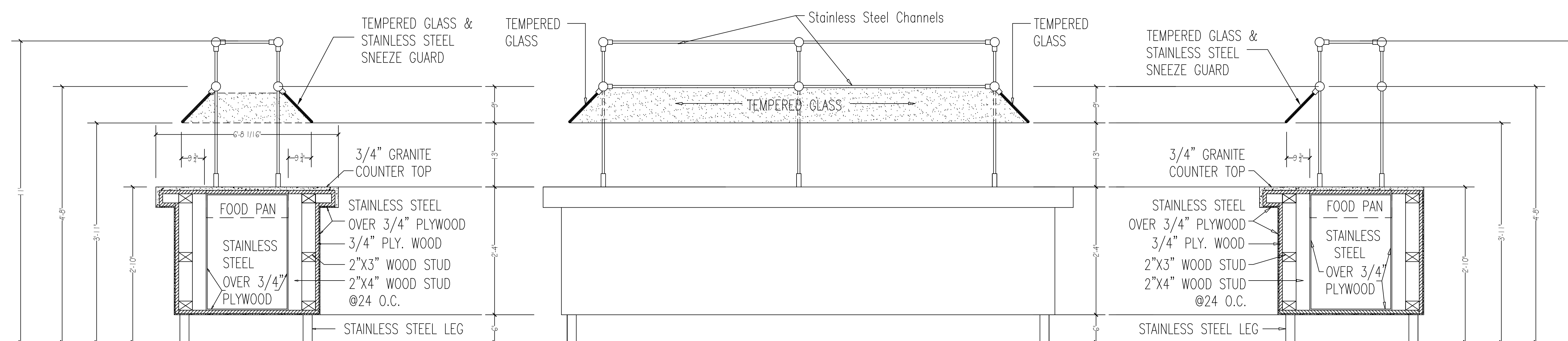
KITCHEN EQUIPMENT SCHEDULE

* ALL APPLIANCES AND FIXTURES SHALL BE LISTED, LABELED AND INSTALLED ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS OR THE ADOPTED CODES WHICH EVER IS MOST RESTRICTIVE.

NO.	QTY.	DESCRIPTION	MANUFACTURE	MODEL	N.S.F.	ELECTRICAL				GAS		WATER		WASTE	
						VOLT	PHS.	HP.	KW	SIZE	BTUH	C.W.	H.W.	DIR.	IND.
1.	3	KITCHEN EXHAUST HOOD	ECON-AIR	12'-0"x4'-6"	UL										
2.	1	OPEN KITCHEN EXHAUST HOOD	ECON-AIR	7'-0"x4'-6"	UL										
3.	1	CHINESE RANGE STOVE	WIN SUPPLY	WR-700	N.S.F.					2"	700,000 BTU	1/2"		3"	
4.	2	CONVECTION OVEN	DUKE	613Q-C1	N.S.F.	115	1	3/4	0.96	3/4"	46,000 BTU				
5.	4	DEEP FRYER	PICTO	SG-14	N.S.F.					1"	110,000 BTU				
6.	1	GAS RANGE STOVE	GARLAND	S28	N.S.F.					3/4"	48,000 BTU				
7.	2	RICE COOKER	RINNAI	RER-55AS	N.S.F.					3/4"	35,000 BTU				
8.	1	GRIDDLE	STAR	872M	N.S.F.					1"	180,000 BTU				
9.	3	REACH-IN REF.	BEVERAGE-AIR	ER-48	N.S.F.	115	1	1/4	1.13						
10.	1	CHEST FREEZER	ATCTIC-AIR	CF-20	N.S.F.	115	1	1/3	1.5						
11.	2	SANDWICH UNIT	TRUE	TSSU-72-12	N.S.F.	115	1	1/2	1.185						
12.	2	UNDER COUNTER REF.	BEVERAGE-AIR	UCR72	N.S.F.	115	1	1/4	0.96						
14.	1	ICE CREAM FREEZER	TRUE	TDC-47	N.S.F.	115	1	1/4	0.77			1/2"		3"	
15.	2	TEA URN	CECILWARE	CH100N	N.S.F.	208	1	1	8.0			1/2"		3"	
16.	2	COFFEE URN	CECILWARE	CH75N	N.S.F.	208	1	1/2	6.0			1/2"		3"	
17.	2	SODA DISP.	(to be provided by local distributor)		N.S.F.	115	1	1/3	0.96			1/2"		3"	
18.	2	ICE MAKER	MANITOWOC	SD-0852A	N.S.F.	208	1		4.8			1/2"		3"	
19.	1	DISHWASHER	BLAKESLEE	R-CC-64	N.S.F.	230	3		17.0				1/2"	3"	
20.	1	SPRAY SINK	EAGLE	SRWU10-14-5-1	N.S.F.							3/4"	3/4"	3"	
21.	2	3-COMP. SINK	EAGLE	414-22-3-24 R&L	N.S.F.							3/4"	3/4"	3"	
23.	1	1-COMP. PRE SINK	EAGLE	414-22-1	N.S.F.							3/4"	3/4"	3"	
24.	1	1-COMP. PRE-SINK	EAGLE	414-22-1	N.S.F.							3/4"	3/4"	3"	
25.	1	MOP SINK	PROVIDED BY PLUMBER	24" X 24"	N.S.F.							1/2"	1/2"	3"	
26.	8	HAND SINK	EAGLE	HSA-10-F-LRS	N.S.F.							1/2"	1/2"	2"	
27.	1	WALK-IN COOLER	AMERIKOOLER	15'-0" x 12'-0"	N.S.F.	208	3	1	2.52						
28.	1	WALK-IN COOLER	AMERIKOOLER	15'-0" x 12'-0"	N.S.F.	208	3	1	2.52						
29.	1	WALK-IN FREEZER	AMERIKOOLER	18'-0" x 12'-0"	N.S.F.	208	1	2	3.36						
30.	7	HOT BUFFET TABLE	WIN SUPPLY	CUSTOMER	N.S.F.	208	1	1	5.0				1/2"	3"	
31.	4	COLD BUFFET TABLE	WIN SUPPLY	CUSTOMER	N.S.F.	120	1	1/2	1.5					3"	
33.	1	COUNTER		CUSTOMER											
34.	10	TABLE (Stainless Steel)	EAGLE	CUSTOMER	N.S.F.										
35.	15	SHELF (Stainless Steel)	EAGLE	CUSTOMER	N.S.F.										
36.	8	WALL MOUNT SHELF(Stainless Steel)	EAGLE	CUSTOMER	N.S.F.										
37.	2	WATER HEATER	A.O. SMITH	BTR-250	N.S.F.					1"	250,000 BTU				

BUFFET TABLE SNEEZE GUARDS REQUIREMENTS:

- ALL BUFFET TABLES MUST BE COVERED TOPS, SIDES & FRONTS.
- MINIMUM COVERAGE FRONT/SIDES 18" @ 30-45 DEGREE SLANTED GLASS
- CAN NOT EXCEED 13" ABOVE COUNTER SLANT
- BOTTOM LEADING EDGE OF THE FOOD SHIELD SHALL EXTEND A MINIMUM HORIZONTAL DISTANCE OF 7" BEYOND THE FRONT INSIDE EDGE OF A FOOD WELL



BUFFET TABLE DETAIL
(TYP.)

Rules and Regulations Food Service – DPH Chapter 511-6-1
Food Service Establishment Manual for Design,
Installation and Construction

ILLUSTRATION E-2

NSF/ANSI Standard 2

Buffet Food Shields
Measured from Counter Top

Standard 2¹, in part, requires:

"Food shields shall provide a barrier between the mouth of the customer and unpackaged food. The maximum vertical distance between a counter top and the bottom leading edge of a food shield shall be 14 in (350 mm). The bottom leading edge of the food shield shall extend a minimum horizontal distance of 7.0 in (175 mm) beyond the front inside edge of a food well. The sum of a food shield's protected horizontal plane (X) and its protected vertical plane (Y) shall equal a minimum of 18 in (450mm). Either X or Y may equal 0. Food shields shall be transparent and designed to minimize obstruction of the customer's view of the food. To protect against chipping, exposed edges of glass shall be protected by tight fitting channels, stripping materials, or other means such as rounding the edges of tempered glass."

Rules and Regulations Food Service – DPH Chapter 511-6-1
Food Service Establishment Manual for Design,
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ILLUSTRATION E-1

"End View"
Buffet or Smorgasbord Shielding

Note: Ends must be closed. Otherwise, units must be in line with other equipment to prevent access from unshielded sides.

Rules and Regulations Food Service – DPH Chapter 511-6-1
Food Service Establishment Manual for Design,
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ILLUSTRATION E-3

Note:

1. If a single unit is being used for self-service, the ends of the unit must be closed to prevent consumer access to unprotected food. Otherwise, units must be in line with other equipment to prevent access from unshielded sides.
2. Measurements are taken from the floor.

Buffet or Smorgasbord Shielding

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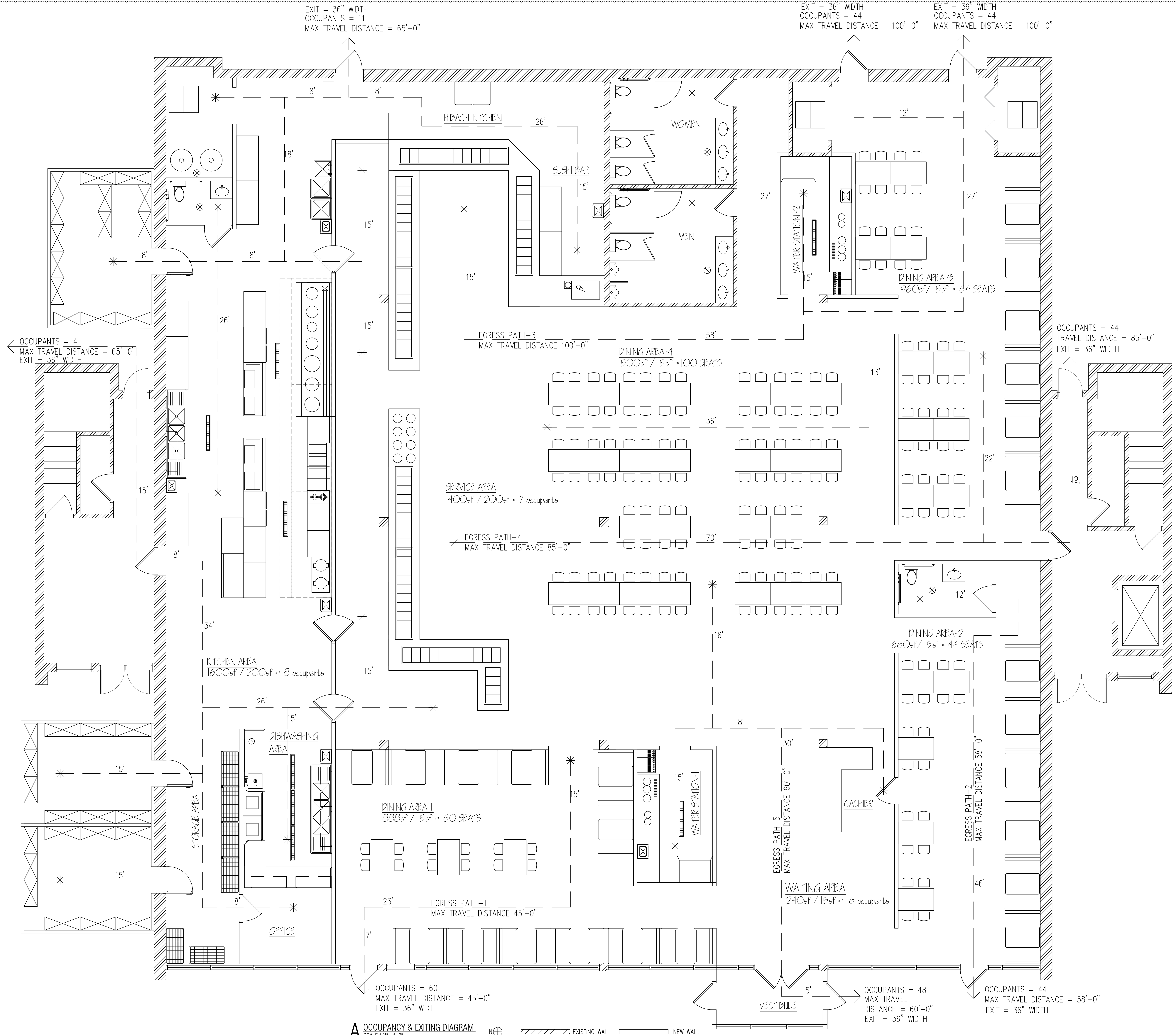
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EQUIPMENT
SCHEDULE

SHEET NUMBER
A4



A OCCUPANCY & EXITING DIAGRAM
SCALE 1/4"=1'-0"

PROJECT DATA:

- Total square footage: 9880 ± sq. ft.
- Construction Type: II-B Unprotected
- Use/Occupancy Classification (308 OCCUPANTS): A-2 Assembly
- Fire Sprinkler Systems: YES
a) The building will be equipped with automatic fire suppression system. The sprinkler contractor shall submit shop drawings for permit and approval.
- Building Occupancy for Existing (IBC section 1004.1.1) Requirements
Building Occupancy Calculations for life safety
- Number of Exits (per IBC section 1019.1)
Required: 2
Provided: 6
- Egress width (per IBC section 1005.1)
Exit Capacity Calculations (doors)
Required: 0.2 x 308 = 61.6"
Provided: clear 216"
- Maximum exit access travel distance (IBC section 1016.1)
Allowed: 250 ft
Provided: Egress Path-1: 45'-0"
Egress Path-2: 58'-0"
Egress Path-3: 100'-0"
Egress Path-4: 85'-0"
Egress Path-5: 60'-0"
- Plumbing Requirements (2014 ILLINOIS PLUMBING CODE)
Total occupancy seats for this calculation shall be 299 (150 men) (149 women)

	MALE			FEMALE	
	W.C.	URINALS	LAV.	W.C.	LAV.
Required	2	2	2	4	2
Provided	2	2	3	4	4

DEFERRED SUBMITTAL:

- SPRINKLER :
SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR APPROVAL AND PERMIT.
- FIRE ALARM:
FIRE ALARM CONTRACTOR SHALL SUBMIT FIRE ALARM SHOP DRAWING FOR APPROVAL AND PERMIT.
- HOOD FIRE SUPPRESSION:
HOOD FIRE SUPPRESSION CONTRACTOR SHALL SUBMIT FIRE ALARM SHOP DRAWING FOR APPROVAL AND PERMIT.

Need a 10# ABC fire extinguisher mounted every 75' of travel distance. The Kitchen shall require separate extinguisher not counted in the 75 feet travel distance. Type I Hood shall be installed in accordance with IMC 2018ed This includes the clearances to combustible materials. An Illinois Certified Fire Equipment Distributor must submit drawing, application and fee for the required Type I kitchen hood suppression system. An acceptance test is required to be witnessed by fire department personnel.

09-12-2022

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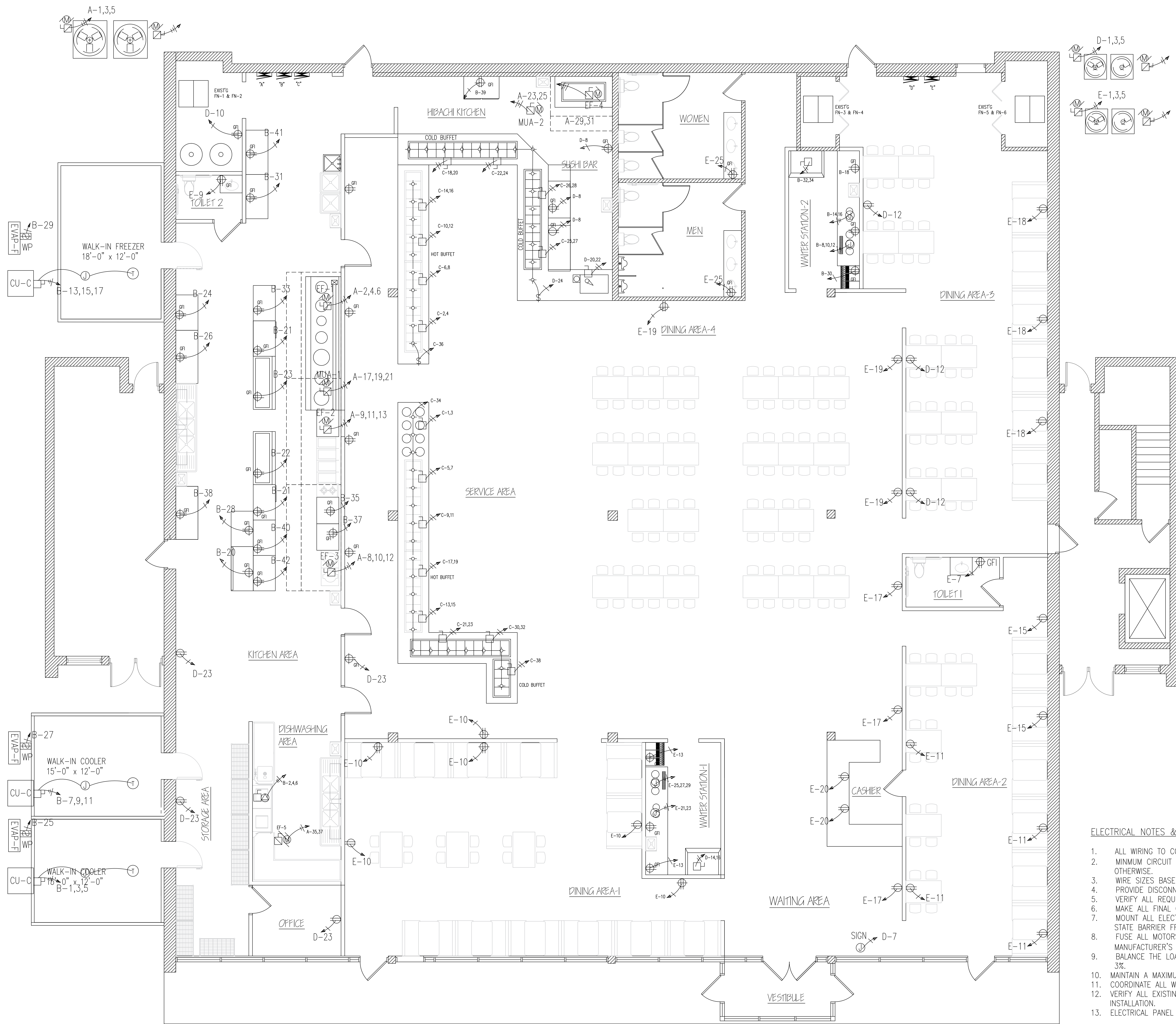
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OCCUPANCY & EXITING DIAGRAM

SHEET NUMBER

A5



ELECTRICAL SYMBOLS LEGEND		NOTE - NOT ALL SYMBOLS MAY BE USED ON PROJECT	
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	DUPLEX RECEPTACLE, MTD. +18" AFF		TRANSFORMER - SIZE AS NOTED
	DUPLEX RECEPTACLE - IN WEATHER PROOF ENCLOSURE OR COVER, GROUND FAULT INTERRUPTER.		PANEL - SIZE AS NOTED
	SINGLE POLE SWITCH, MTD +47"		F-FAN; M-MOTOR; P-PUMP
	DUAL SWITCH, MTD +47"		CKT. HOMERUN (B INDICATES PANEL) "2" DESIGNATES CIRCUIT NUMBER
	DIMMER SWITCH, MTD +47"		WALL MOUNTED EXIT/EMERGENCY LIGHT W. BATTERY BACK-UP. (LED LAMP)
	JUNCTION BOX, FLUSH IF POSSIBLE		WALL MOUNTED EMERGENCY LIGHT W. BATTERY BACK-UP. (LED LAMP)
	DISCONNECT SWITCH W/ STARTER		OUTDOOR EMERGENCY LIGHT W. 90 MIN. BATTERY BACK-UP. (2 LAMPS)
	DISCONNECT SWITCH		FLUORESCENT LIGHTING FIXTURE
	DISHWASHER CONNECTION		B DESIGNATES FIXTURE TYPE
	MOTOR DISCONNECT SWITCH		FLUORESCENT LIGHTING NIGHT LIGHT
	CHANDELIER		B DESIGNATES FIXTURE TYPE
	CEILING / WALL SENSOR (WATTS STOPPER, CX-100 OR EQUAL)		RECESSED LIGHTING FIXTURE
	EACH CONTROL DEVICE SHALL BE ACTIVATED EITHER MANUALLY BY AN OCCUPANT OR AUTOMATICALLY BY SENSING AN OCCUPANT.		PENDANT LIGHT FIXTURE
			HOOD & BUFFET TABLE LIGHT
			INCANDESCENT LIGHT W/ 100W BULB
			SIGN CONTROL - TIME CLOCK
			LIGHTING CONTROL PANEL - TIME CLOCK

ELECTRICAL PANEL NOTE:
 PL-A=A; PL-B=B; PL-C=C
 PL-B=D; PL-E=E

A-2.4.5
 PANEL# C.B.#

- ELECTRICAL NOTES & REQUIREMENTS**
- ALL WIRING TO COMPLY WITH N.E.C., LATEST ADOPTED, AND LOCAL REQUIREMENTS.
 - MINIMUM CIRCUIT TO BE 20 AMP. BREAKER, (2) #12 IN 3/4" CONDUIT (+GND) UNLESS SHOWN OTHERWISE.
 - WIRE SIZES BASED ON THW COPPER, A.W.G.
 - PROVIDE DISCONNECTING MEANS AT ALL MOTOR LOADS.
 - VERIFY ALL REQUIREMENTS FOR KITCHEN EQUIPMENT WITH EQUIPMENT SUPPLIER.
 - MAKE ALL FINAL CONNECTIONS.
 - MOUNT ALL ELECTRICAL DEVICES AND SWITCHES AS REQUIRED BY THE ADA AND THE LOCAL STATE BARRIER FREE RULES.
 - FUSE ALL MOTORS AND MOTOR ASSEMBLIES IN ACCORDANCE WITH THE N.E.C. LATEST AND MANUFACTURER'S RECOMMENDATIONS.
 - BALANCE THE LOADS EVENLY BETWEEN THE PHASES OF THE SYSTEM. MINIMUM UNBALANCE OF 3%.
 - MAINTAIN A MAXIMUM VOLTAGE DROP OF 5% THROUGHOUT THE ENTIRE SYSTEM.
 - COORDINATE ALL WORK WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING TRADES IN FIELD.
 - VERIFY ALL EXISTING JOB CONDITIONS AND ACCOMMODATE AS REQUIRED FOR A COMPLETE INSTALLATION.
 - ELECTRICAL PANEL SHALL BE ENCLOSED INTO THE WALL.

A ELECTRICAL POWER PLAN
 SCALE 1/4" = 1'-0"

WEITAN
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 CHICAGO IL 60616

Phone: (312) 912-5798
 Email: weitchic98@yahoo.com

LICENSE NO. 001-022013
 EXPIRES: 11/30/2022

MFP ENGINEER
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PHONE: (312) 720-8800
 BILLY WANG66@HOTMAIL.COM
 LICENSE NO. 062.068227
 EXPIRES: 11 / 30 / 2023

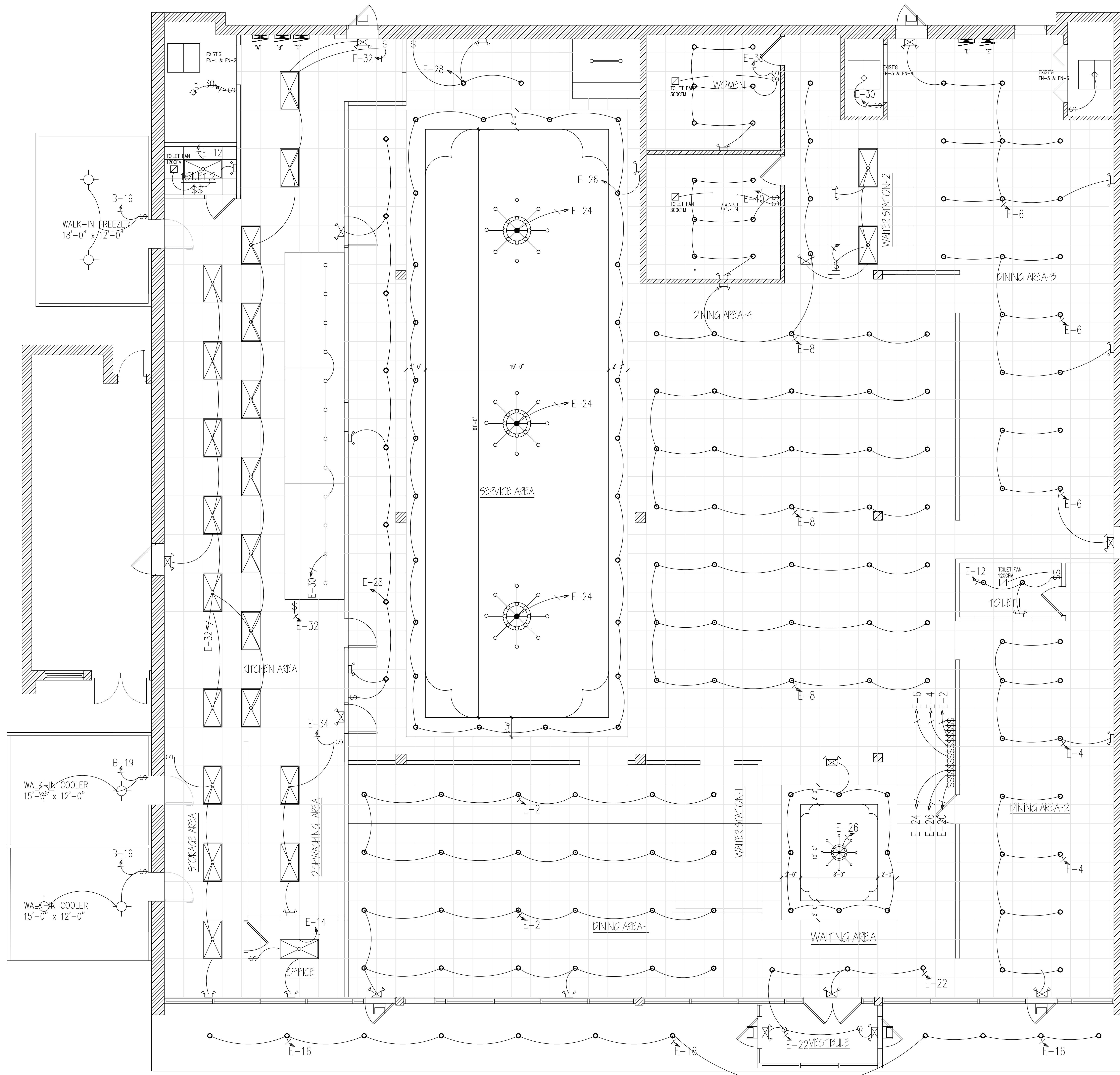
**FEAST BUFFET
 EXTERIOR & INTERIOR REMODELING**
 4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
REISSUED FOR PERMIT	08/18/2022
REISSUED FOR PERMIT	09/12/2022



**ELECTRICAL
 POWER
 PLAN**

SHEET NUMBER
E1



LIGHTING NOTES:

1. PROVIDE AT LEAST 50 FT. CANDLES OF LIGHT IN ALL AREAS IN WHICH FOOD IS HANDLED, PREPARED, OR IN WHICH UTENSILS ARE WASHED, INCLUDING WALK-IN COOLER AND FREEZER UNITS.
2. PROVIDE AT LEAST 20 FT. CANDLES OF LIGHT MUST BE PROVIDED IN ALL OTHER AREAS.
3. ALL LIGHTING FIXTURES AND LIGHT BULB LOCATED WITHIN FOOD PREPARATION AND STORAGE AREAS SHALL BE SHIELD OR SHATTERPROOF.

ELECTRICAL PANEL NOTE:
 PL-A=A; PL-B=B; PL-C=C
 PL-B=D; PL-E=E

A-2.4.5
 PANEL# C.B#

A ELECTRICAL LIGHTING & EMERGENCY PLAN
 SCALE 1/4" = 1'-0"

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ELECTRICAL
 LIGHTING
 PLAN

SHEET NUMBER

E2

PL-A ELECTRICAL PANEL 200A/3PH												
SERVES	C	B	A	AMPS	CK	CK	AMPS	A	B	C	SERVES	
EXIST'G AC-1	4000	---	---	60	1	2	20	1600				
	---	4000	---		3	4			1600		EF-1	
	---	---	4000		5	6	3			1600		
FURANCE-1.2	1200	---	---	15	7	8	20	1600	1600			
	---	1600	---	20	9	10					EF-3	
EF-2	---	---	1600		11	12	3	1600				
	1600	---	---		13	14						
	---	---	---		15	16						
MUA-1	---	4000	---	50	17	18						
	4000	---	---		19	20						
	---	---	---		21	22						
MUA-2	---	1800	---	30	23	24						
	---	---	1800		25	26						
	---	---	---		27	28						
EF-4	1800	---	---	30	29	30						
	---	1800	---		31	32						
	---	---	---		33	34						
EF-5	---	1800	---	20	35	36						
	1800	---	---		37	38						
	---	---	---		39	40						
	---	---	---		41	42						
TOTAL PANEL LOAD	14400	15000	11400					3200	4800	1600		
	43826	VA	121.7	AMPS 3 PHASE								

Service Load Calculation Commercial SERVICE PANEL 1

Address: 4232 Brandywine Dr Peoria IL 60415
 Outside Building Dimensions: Length 101' Width 95' Floors 1
 Rough Total Area: 10000

Existing Electrical Service: 900A Phase 3 Wire 4 Volt 120/208
 Ampere/s 900

Service Conductors 14-28-1480 Size Exist Type Exist(Al.,Cu),Conduit Exist(MC,Rigid)

GENERAL LIGHTING LOAD:

Square foot area per floor: 10000
 Total square foot area : 10000
 Times(1.00 Watts)per square foot : 10000
 Other loads(receptacles) : 900
 (See section 14-16-180(b)) 5 Times(180 Watts) : 900

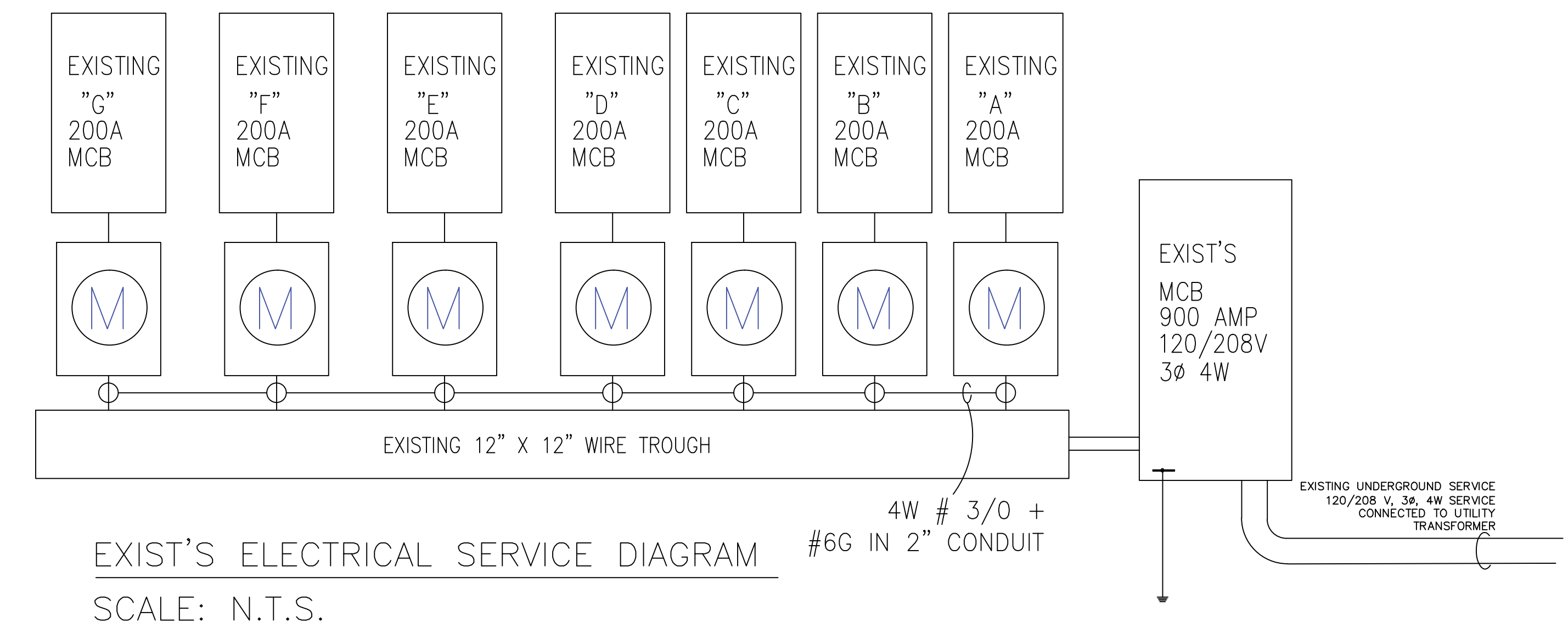
ADD

(1) ELECTRICAL SUBPANEL PL-A: 208V/3PH/200A 62014
 (2) ELECTRICAL SUBPANEL PL-B: 208V/3PH/200A 62976
 (3) ELECTRICAL SUBPANEL PL-C: 208V/3PH/200A 50087
 (4) ELECTRICAL SUBPANEL PL-D: 208V/3PH/200A 50713
 (5) ELECTRICAL SUBPANEL PL-E: 208V/3PH/200A 34254

TOTAL: 265KW

TOTAL DEMAND LOAD: I = W/V=756AMP

EXISTING SERVICE SIZE IS 900 AMP/208V/3PH/4W

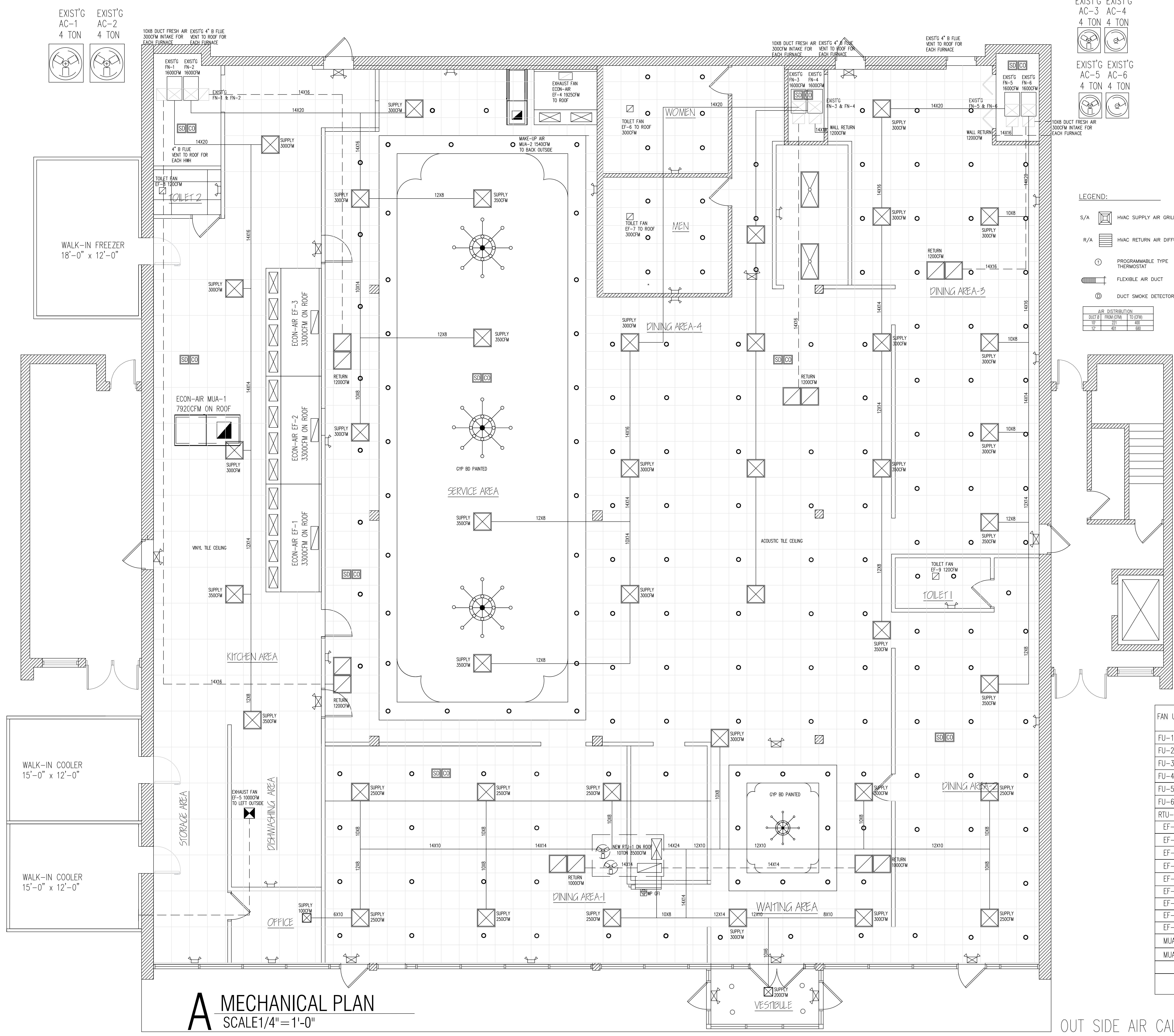


PL-B ELECTRICAL PANEL 225A/3PH													
SERVES	WIRE	C	B	A	AMPS	CK	CK	AMPS	A	B	C	WIRE	SERVES
WALK-IN COOLER 1	#10	1850	---	---	30	1	2	60	4160	---	---		
		---	1850	---		3	4		---	4160	---	#6	DISH WASHER
		---	---	1850		5	6	3	---	---	4160		
WALK-IN COOLER 2	#10	1850	---	---	30	7	8	30	1664	---	---		
		---	1850	---		9	10		---	1664	---	#10	TEA URN
		---	---	1850		11	12	3	---	---	1664		
WALK-IN FREEZER	#10	1850	---	---	30	13	14	20	750	---	---		
		---	1850	---		15	16	2	---	750	---	#12	COFFEE URN
		---	---	1850		17	18	20	---	---	900	#12	WAITER STATION OUTLETS
WALK-IN COOLER 1 LIGHT	#12	500	---	---	20	19	20	20	900	---	---	#12	CHEST FREEZER
REACH-IN REFRIGRANT 1	#12	---	500	---	20	21	22	20	---	900	---	#12	SANDWICH UNIT
RECEPT (SANDWICH) 1	#12	---	---	500	20	23	24	20	---	---	900	#12	KITCHEN WORK TABLE
WALK-IN COOLER 1 EVAP	#12	500	---	---	20	25	26	20	720	---	---	#12	KITCHEN WORK TABLE
WALK-IN COOLER 2 EVAP	#12	---	500	---	20	27	28	20	---	720	---	#12	KITCHEN WORK TABLE
WALK-IN FREEZER 1 EVAP	#12	---	---	500	20	29	30	20	---	720	---	#12	SODA DISP.
KITCHEN WORK TABLE	#12	720	---	---	20	31	32	20	1850	---	---	#10	ICE MAKER
KITCHEN WORK TABLE	#12	---	720	---	20	33	34	2	---	1850	---		
CONVECTION OVEN 1	#12	---	---	720	20	35	36	20	---	720	---	#12	KITCHEN WORK TABLE 1
CONVECTION OVEN 1	#12	720	---	---	20	37	38	20	720	---	---	#12	KITCHEN WORK TABLE 2
REACH-IN REFRIGRANT 2	#12	---	720	---	20	39	40	20	---	720	---	#12	KITCHEN WORK TABLE 3
KITCHEN WORK TABLE	#12	---	---	720	20	41	42	20	---	720	---	#12	KITCHEN WORK TABLE 4
TOTAL PANEL LOAD		7990	7990	7990					10764	10764	9784		
		48071	VA	133.4	AMPS 3 PHASE								

ELECTRICAL PANEL PL-C 208V 200AMP 3PH													
SERVES	WIRE	C	B	A	AMPS	CK	CK	AMPS	A	B	C	WIRE	SERVES
HOT BUFFET TBL 1	#10			2200	30	1	2	30			2200		
			2200			3	4				2200	#10	HOT BUFFET TBL 5-a
HOT BUFFET TBL 2-a	#10	2200			30	5	6	30	2200			#10	HOT BUFFET TBL 5-b
			2200			7	8				2200	#10	HOT BUFFET TBL 5-c
HOT BUFFET TBL 2-b	#10	2200	2200		30	9	10	30		2200		#10	HOT BUFFET TBL 5-d
						11	12		2200			#10	HOT BUFFET TBL 5-d
HOT BUFFET TBL 3-a	#10		2200		30	13	14	30			2200	#10	HOT BUFFET TBL 5-d
						15	16		2200			#12	COLD BUFFET
HOT BUFFET TBL 3-b	#10	2200			30	17	18	20		1200		#12	COLD BUFFET
						19	20			1200		#12	COLD BUFFET
COLD BUFFET	#10	1200	1200		20	21	22	20		1200	1200	#12	COLD BUFFET
						23	24			1200		#12	COLD BUFFET
COLD BUFFET	#12	1200	1200		20	25	26	20		1200		#12	COLD BUFFET
						27	28			1200		#12	COLD BUFFET
						29	30	20			1200	#12	COLD BUFFET
						31	32			1200		#12	COLD BUFFET
						33	34		20	600		#12	HOT BUFFET LIT 1
						35	36		20	600		#12	HOT BUFFET LIT 2
						37	38		20		1200	#12	COLD BUFFET
						39	40						
						41	42						
TOTAL PANEL LOAD		9000	9000	8800						7400	12000	10200	
		49043	136.1	AMPS 1 PHASE									

ELECTRICAL PANEL PL-D 200A/3PH												
SERVES	C	B	A	AMPS	CK	CK	AMPS	A	B	C	SERVES	
EXIST'G AC-2	4800	---	---	60	1	2	60	4800	---	---		
	---	4800	---		3	4		---	4800	---	RTU-1	
	---	---	4800		5	6	3	---	---	4800		
SIGN		800		20	7	8	20	1800	---	---	SUSHI AREA OUTLETS	
					9	10	20	360	---	---	HOT WATER OUTLETS	
					11	12	20	---	1200	---	DINING RM 3 OUTLETS	
					13	14	30	---	---	1800		
					15	16					1800	
					17	18	20	1200	---	---	ICE MAKER STORAGE OUTLETS	
					19	20	30	---	1800	---		
					21	22		---	---	1800	ICE CREAM MACHINE	
					23	24	20	---	1200	---	BUFFET LIGHT	
					25	26						
					27	28						
					29	30						
					31	32						
					33	34						
					35	36						
					37	38						
					39	40						
					41	42						
TOTAL PANEL LOAD	4800	5600	4800					6360	12600	8400		
	37009	VA	102.7	AMPS 3 PHASE								

ELECTRICAL PANEL PL-E 208V 200AMP 3PH													
SERVES	WIRE	C	B	A	AMPS	CK	CK	AMPS	A	B	C	WIRE	SERVES
EXIST'G AC-3				4800	60	1	2	20			1200		#12 LIGHTING. (DINING AREA 1)
			4800			3	4	20		1200			#12 LIGHTING. (DINING AREA 2)
						5	6	20	1200				#12 LIGHTING. (DINING AREA 3)
TOILET RM OUTLETS	#12		1200		20	7	8	20			1200		#12 LIGHTING. (DINING AREA 4)
TOILET RM OUTLETS	#12			1200	20	9	10	20		1200			#12 DINING AREA 1 OUTLETS
DINING AREA 2 OUTLETS	#12		720		20	11	12	20	1200				#12 LIGHTING. (TOILETS RM.)
SODA DISP.	#12	1200			20	13	14	20			1200		#12 LIGHTING. (OFFICE)
DINING AREA 4 OUTLETS	#12		720		20	15	16	20		1200			#12 LIGHTING. (FRONT OUTSIDE)
DINING AREA 4 OUTLETS	#12			720	20	17	18	20	1200				#12 DINING AREA 3 OUTLETS
DINING AREA 4 OUTLETS	#12		720		20	19	20	20			1200		#12 CASHIER OUTLETS
COFFEE URN		1200			20	21	22	20		1200			#12 LIGHTING. (VESTIBULE & WAITING)
			1200			23	24	20	1200				#12 LIGHTING. (CHANDELERS SERVICE)
TEA URN				2400	30	25	26	20			1200		#12 LIGHTING. (CHANDELERS CASHIER)
			2400			27	28	20		1200			#12 LIGHTING. (HIBACHI AREA)
						29	30	20	1200				#12 LIGHTING. (MECH. RM.)
						31	32	20			1200		#12 LIGHTING. (KITCHEN2)
						33	34	20			1200		#12 LIGHTING. (DISH WASH STORAGE)



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

EXIST'G AC-3 4 TON
EXIST'G AC-4 4 TON
EXIST'G AC-5 4 TON
EXIST'G AC-6 4 TON

LEGEND:
S/A HVAC SUPPLY AIR GRILL
R/A HVAC RETURN AIR DIFFUSER
⊕ PROGRAMMABLE TYPE THERMOSTAT
FLEXIBLE AIR DUCT
Ⓧ DUCT SMOKE DETECTOR

AIR DISTRIBUTION	
DUCT FROM	TO (RM)
10"	20"
12"	24"
14"	28"
16"	32"

- MECHANICAL NOTES:**
- THE CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAWINGS 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. INSULATION "R" VALUES SHALL COMPLY WITH GOVERNING ENERGY EFFICIENCY REQUIREMENTS.
 - 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 OPENING BY PLUMBING CONTRACTOR. COORDINATE W/ PLBG. CONTRACTOR.
 - MECHANICAL CONTR' SHALL CONFER W/ ELECTRICAL CONTR' & 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°C).
 - FLEXIBLE AIR CONNECTOR SHALL NOT EXCEED 6'-0" LENGTH AND SHALL BE OF TYPE 1 OR TYPE OF VILLAGE AMENDMENTS.

MECHANICAL EQUIPMENT SCHEDULE

FAN UNIT	AREA SERVED	SUPPLY AIR	RETURN AIR	OUTSIDE AIR OR MAKE-UP AIR	EXHAUST AIR
FU-1 (EXIST'S)	KITCHEN AREA	1,600	1200	300	
FU-2 (EXIST'S)	SERVICE AREA	1,600	1200	300	
FU-3 (EXIST'S)	DINING AREA 4	1,600	1200	300	
FU-4 (EXIST'S)	DINING AREA-3, -4	1,600	1200	300	
FU-5 (EXIST'S)	DINING AREA-3, -4	1,600	1200	300	
FU-6 (EXIST'S)	DINING AREA-2, -3	1,600	1200	300	
RTU-1 (NEW)	DINING AREA-1, -2	3500	2000	1100	
EF-1	MAIN KITCHEN				3,300
EF-2	MAIN KITCHEN				3,300
EF-3	MAIN KITCHEN				3,300
EF-4	HIBACHI KITCHEN				1925
EF-5	DISH WASHER				1000
EF-6	TOILET 1				300
EF-7	TOILET 2				300
EF-8	TOILET 3				120
EF-9	TOILET 4				120
MUA-1	MAIN KITCHEN			7920	
MUA-2	HIBACHI KITCHEN			1540	
TOTAL:		13,100	7,200	12,360	14,565
		TOTAL FRESH AIR: 12,360		TOTAL EXHAUST AIR: 14,565	

OUT SIDE AIR CALCULATION PER IMC, TABLE 403.3

AREA	SQ.FT.	OCCUPANT LOAD	OUTDOOR AIR (cfm / person)	TOTAL OUTDOOR AIR (cfm) Required	EXHAUST AIR FLOW RATE (cfm / FT ²)	SERVICE UNIT PROVIDED
DINING AREA-1	896	70 / 1000 x 896 = 63	63 x 7.5 = 472	2182	1700 x 0.7 = 1190	EXIST'G FURNACE 1,2,3,4,5,6, NEW RTU-1 PROVIDED 2900CFM FRESH AIR NEW MUA-2 PROVIDED 1540CFM FRESH HAIR
DINING AREA-2	648	70 / 1000 x 648 = 45	45 x 7.5 = 338			
DINING AREA-3	1196	70 / 1000 x 1,196 = 84	84 x 7.5 = 630			
DINING AREA-4	1190	70 / 1000 x 1,190 = 84	84 x 7.5 = 630			
WAITING AREA	234	70 / 1000 x 234 = 16	16 x 7.5 = 112			
SERVICE AREA	1700			TOTAL: 2182CFM REQUIRED 4440CFM PROVIDED		EF-4 (1925CFM)
KITCHEN	1700				1700 x 0.7 = 1190	EF-1,2&3 & 5 (10,800 CFM)

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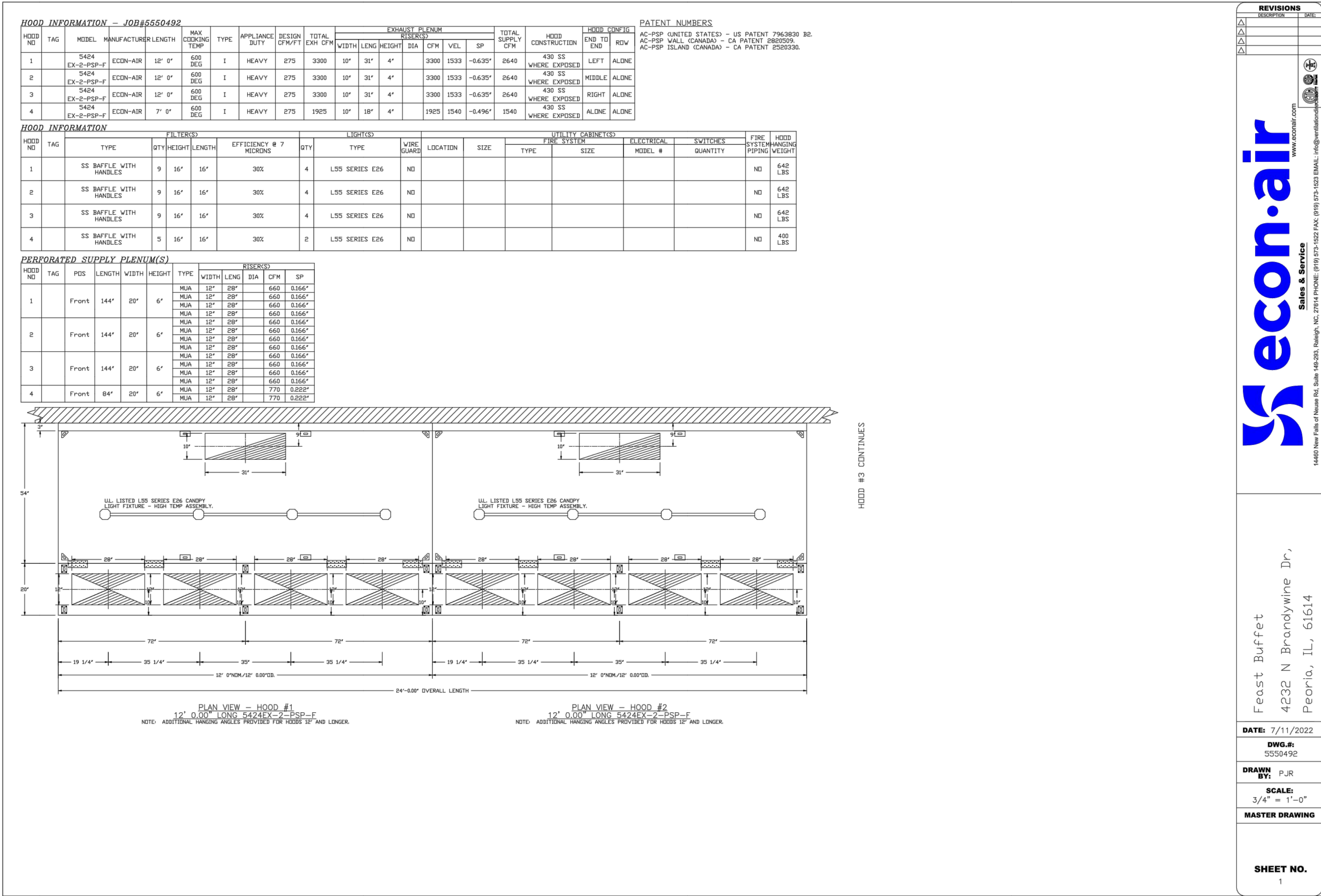
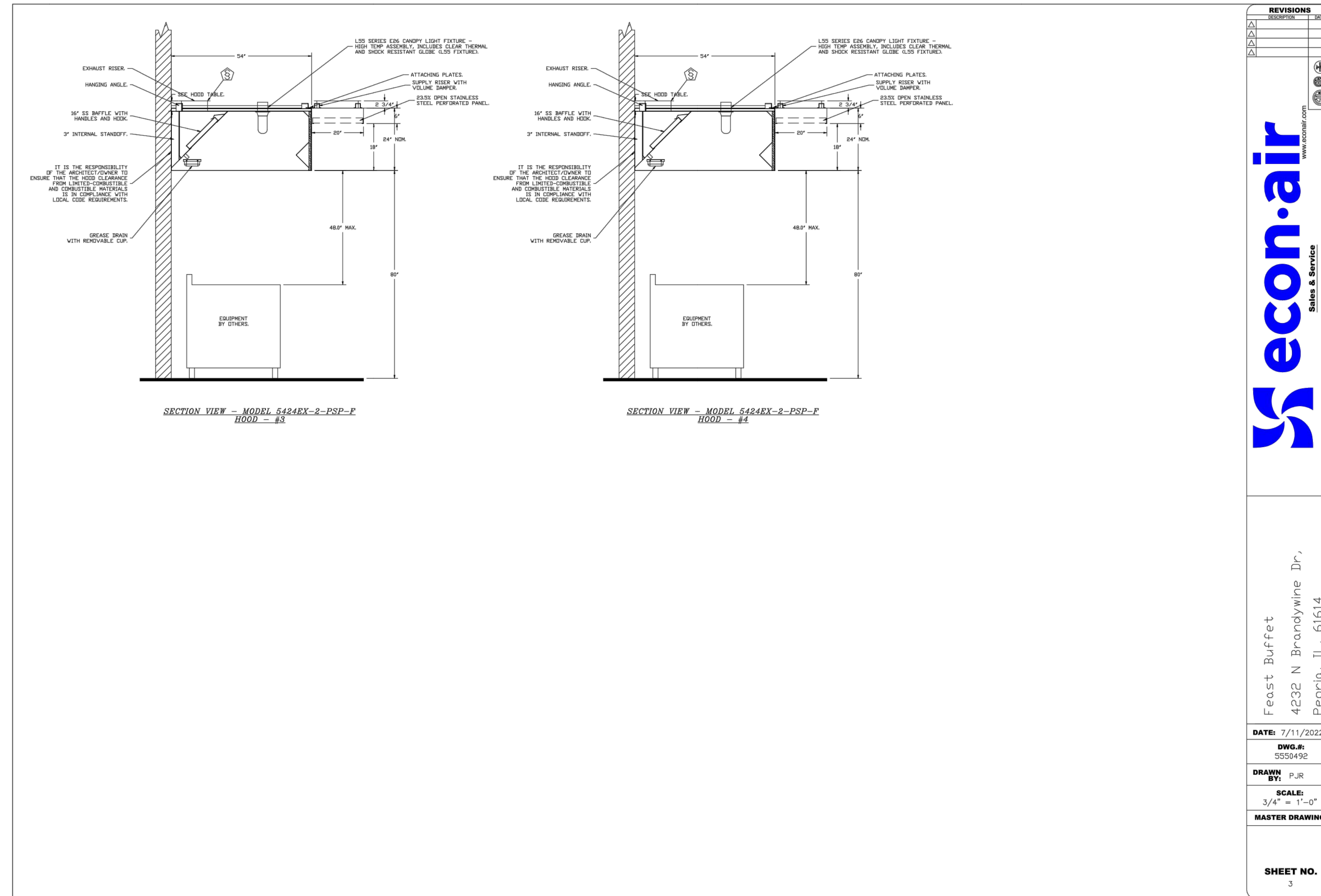
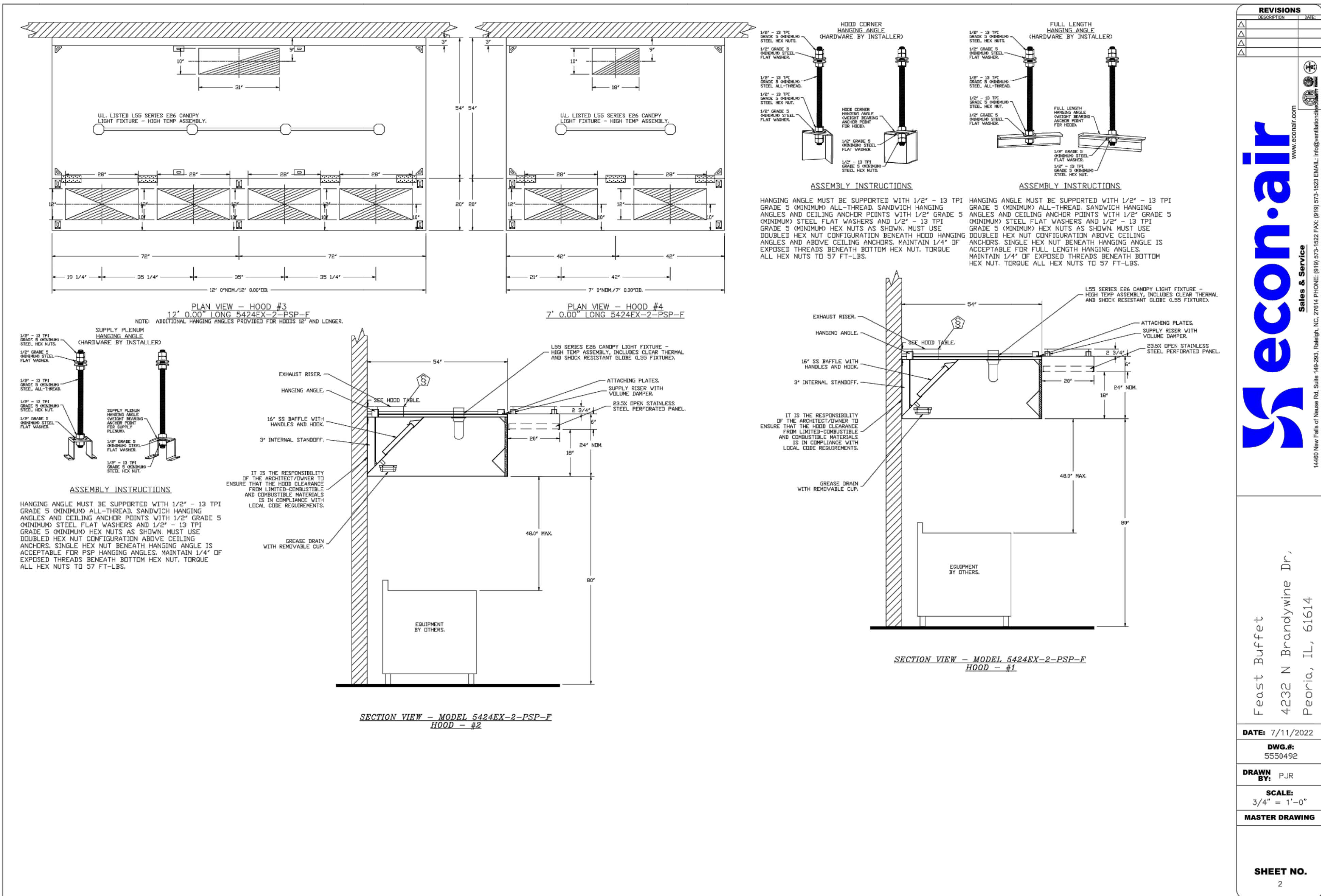
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4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

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MECHANICAL
PLAN & NOTES

SHEET NUMBER
M1



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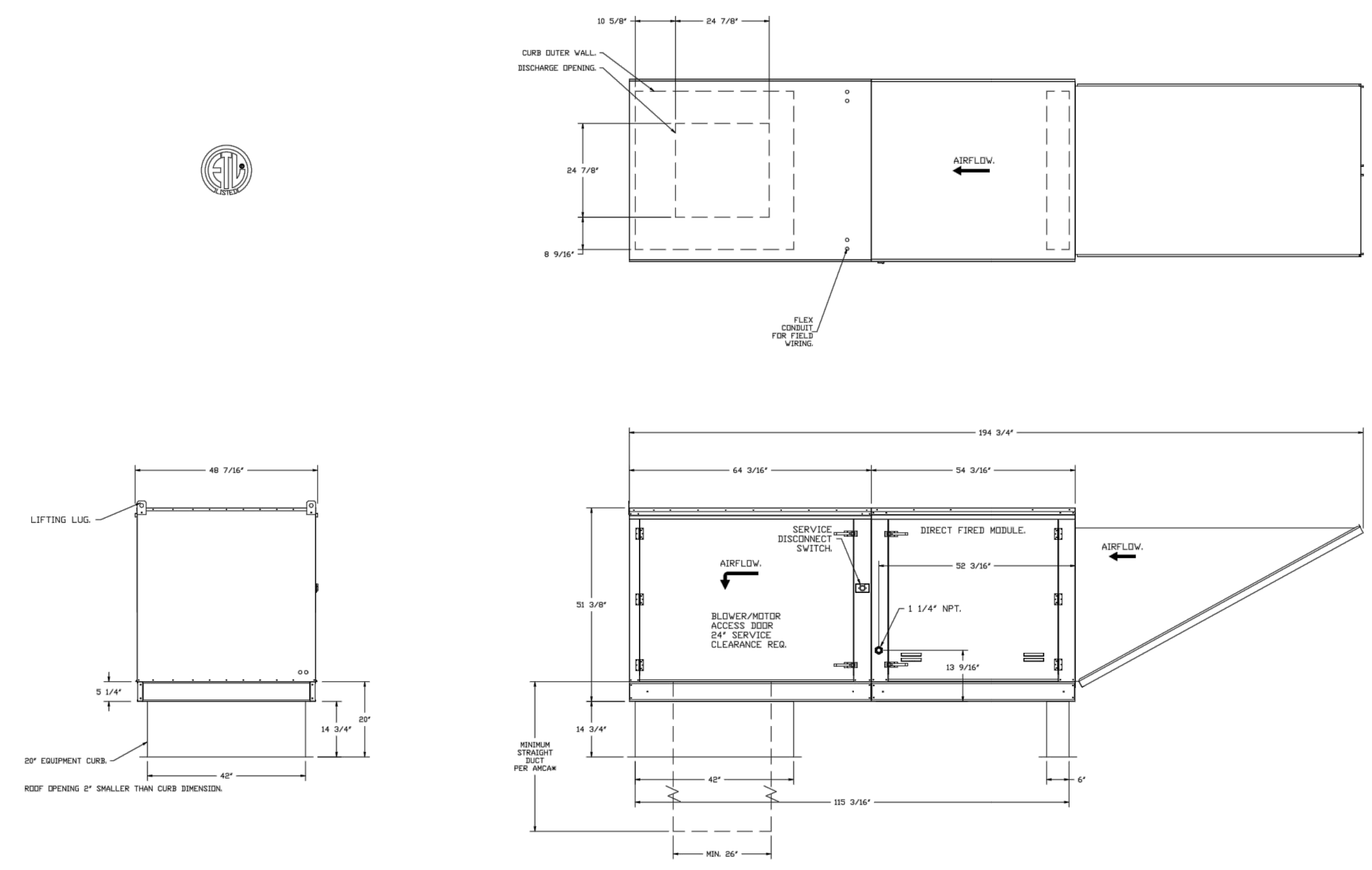


KITCHEN
EXHAUST HOOD
DETAILS-1

SHEET NUMBER
M2

FAN #1 (E-3000-30) - HEATS
 1. EXHAUST HOOD FAN UNIT WITH 10" HOOD FLOW DIRECT DRIVE FAN AND 4" BLOWER
 2. BLOWER BEARING - 1/2" DIA. BALL BEARING
 3. BLOWER MOTOR - 1/2 HP, 115V, 60 HZ, 1725 RPM
 4. BLOWER SPEED - 1725 RPM
 5. BLOWER EFFICIENCY - 70%
 6. BLOWER WEIGHT - 15 LBS
 7. HOOD PRESSURE - 1/2" WC
 8. HOOD FLOW - 100 CFM
 9. HOOD VELOCITY - 100 FPM
 10. HOOD AREA - 10 SQ. FT.
 11. HOOD PERIMETER - 14 FT.
 12. HOOD HEIGHT - 10 IN.
 13. HOOD CLEARANCE - 18 IN.
 14. HOOD MATERIAL - 1/2" ALUMINUM
 15. HOOD FINISH - POLISHED
 16. HOOD COLOR - WHITE
 17. HOOD WEIGHT - 15 LBS
 18. HOOD DIMENSIONS - 10" DIA.
 19. HOOD MOUNTING - 1/2" DIA. HOLES
 20. HOOD FASTENING - 1/2" DIA. HOLES
 21. HOOD CLEARANCE - 18 IN.
 22. HOOD WEIGHT - 15 LBS
 23. HOOD DIMENSIONS - 10" DIA.
 24. HOOD MOUNTING - 1/2" DIA. HOLES
 25. HOOD FASTENING - 1/2" DIA. HOLES

UNITARY INFORMATION
 UNITARY INFORMATION - 1/2" HOOD - 100 CFM
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 UNITARY INFORMATION - 1/2" HOOD - 100 CFM
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UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

EXHAUST FAN INFORMATION - JOB#550492

UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

MIA FAN INFORMATION - JOB#550492

UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

GAS FILTER MAKE-UP AIR UNIT(S)

UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

FAN OPTIONS

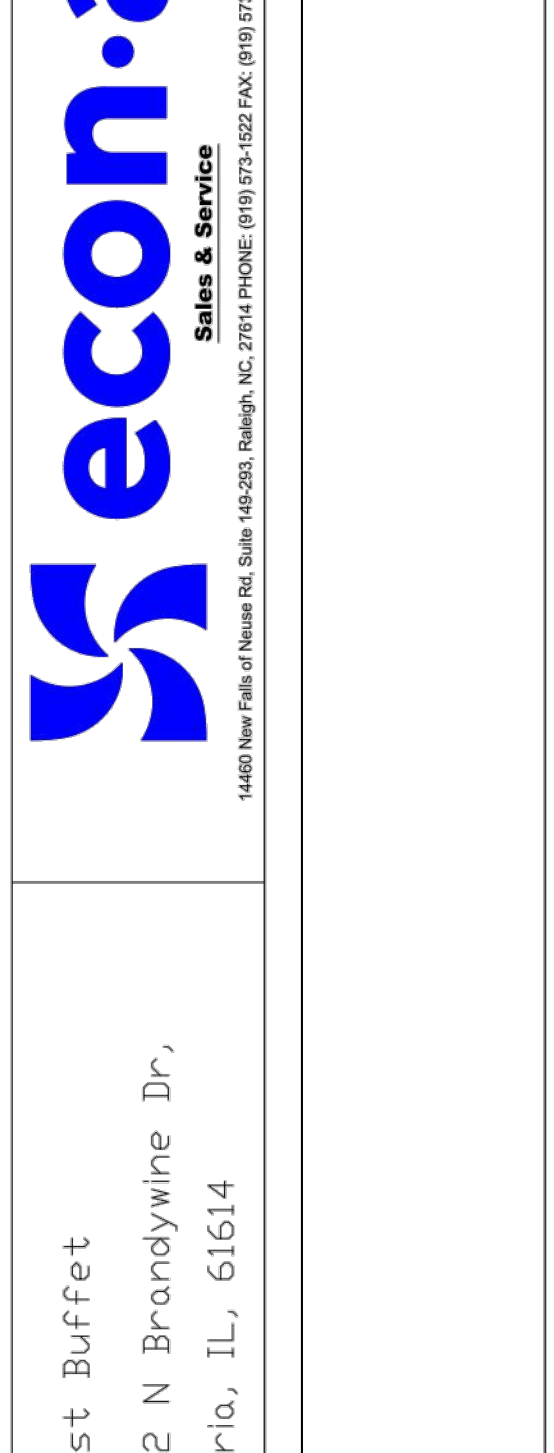
UNIT NO.	QTY	DESCRIPTION
1	1	GREASE BOX
2	1	IF YEAR PARTS WARRANTY
3	1	IF YEAR PARTS WARRANTY
4	1	IF YEAR PARTS WARRANTY
5	1	IF YEAR PARTS WARRANTY
6	1	IF YEAR PARTS WARRANTY

FAN ACCESSORIES

FAN NO.	EXHAUST	SUPPLY
1	YES	NO
2	YES	NO
3	YES	NO
4	YES	NO
5	YES	NO
6	YES	NO

GRID ASSEMBLIES

NO.	QTY	WEIGHT	ITEM	SIZE
1	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
2	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
3	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
4	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
5	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
6	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
7	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
8	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
9	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES
10	1	41 LBS	CURB	60.00" X 60.00" X 60.00" ALONG LENGTH, RIGHT VENTED HINGES



UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

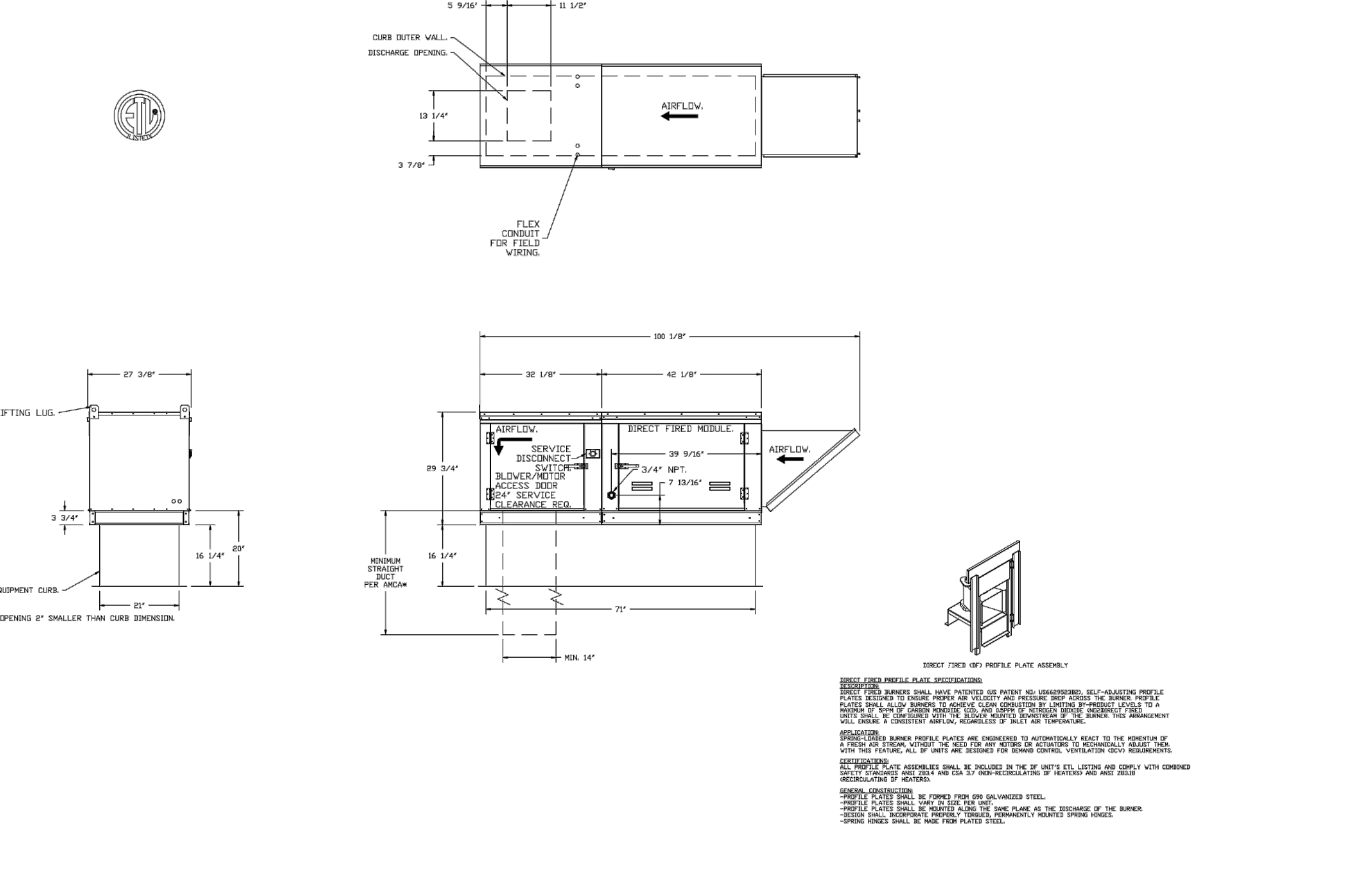
FEAST BUFFET
 4232 N BRANDYWINE DR.
 PEORIA, IL, 61614

DATE: 7/11/2022
 DWG.#: 3050492
 DRAWN BY: PJR
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 5

FAN #1 (E-3000-30) - HEATS
 1. EXHAUST HOOD FAN UNIT WITH 10" HOOD FLOW DIRECT DRIVE FAN AND 4" BLOWER
 2. BLOWER BEARING - 1/2" DIA. BALL BEARING
 3. BLOWER MOTOR - 1/2 HP, 115V, 60 HZ, 1725 RPM
 4. BLOWER SPEED - 1725 RPM
 5. BLOWER EFFICIENCY - 70%
 6. BLOWER WEIGHT - 15 LBS
 7. HOOD PRESSURE - 1/2" WC
 8. HOOD FLOW - 100 CFM
 9. HOOD VELOCITY - 100 FPM
 10. HOOD AREA - 10 SQ. FT.
 11. HOOD PERIMETER - 14 FT.
 12. HOOD HEIGHT - 10 IN.
 13. HOOD CLEARANCE - 18 IN.
 14. HOOD MATERIAL - 1/2" ALUMINUM
 15. HOOD FINISH - POLISHED
 16. HOOD COLOR - WHITE
 17. HOOD WEIGHT - 15 LBS
 18. HOOD DIMENSIONS - 10" DIA.
 19. HOOD MOUNTING - 1/2" DIA. HOLES
 20. HOOD FASTENING - 1/2" DIA. HOLES

UNITARY INFORMATION
 UNITARY INFORMATION - 1/2" HOOD - 100 CFM
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UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

EXHAUST FAN INFORMATION - JOB#550492

UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
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4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

MIA FAN INFORMATION - JOB#550492

UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
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GAS FILTER MAKE-UP AIR UNIT(S)

UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES		
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3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7		
4	1	EAD300H	ECON-AIR	1800	1.400	1420	TEAD-CH	0.750	230/240	1	115	8.9	609 FPM	68	14.5

FAN OPTIONS

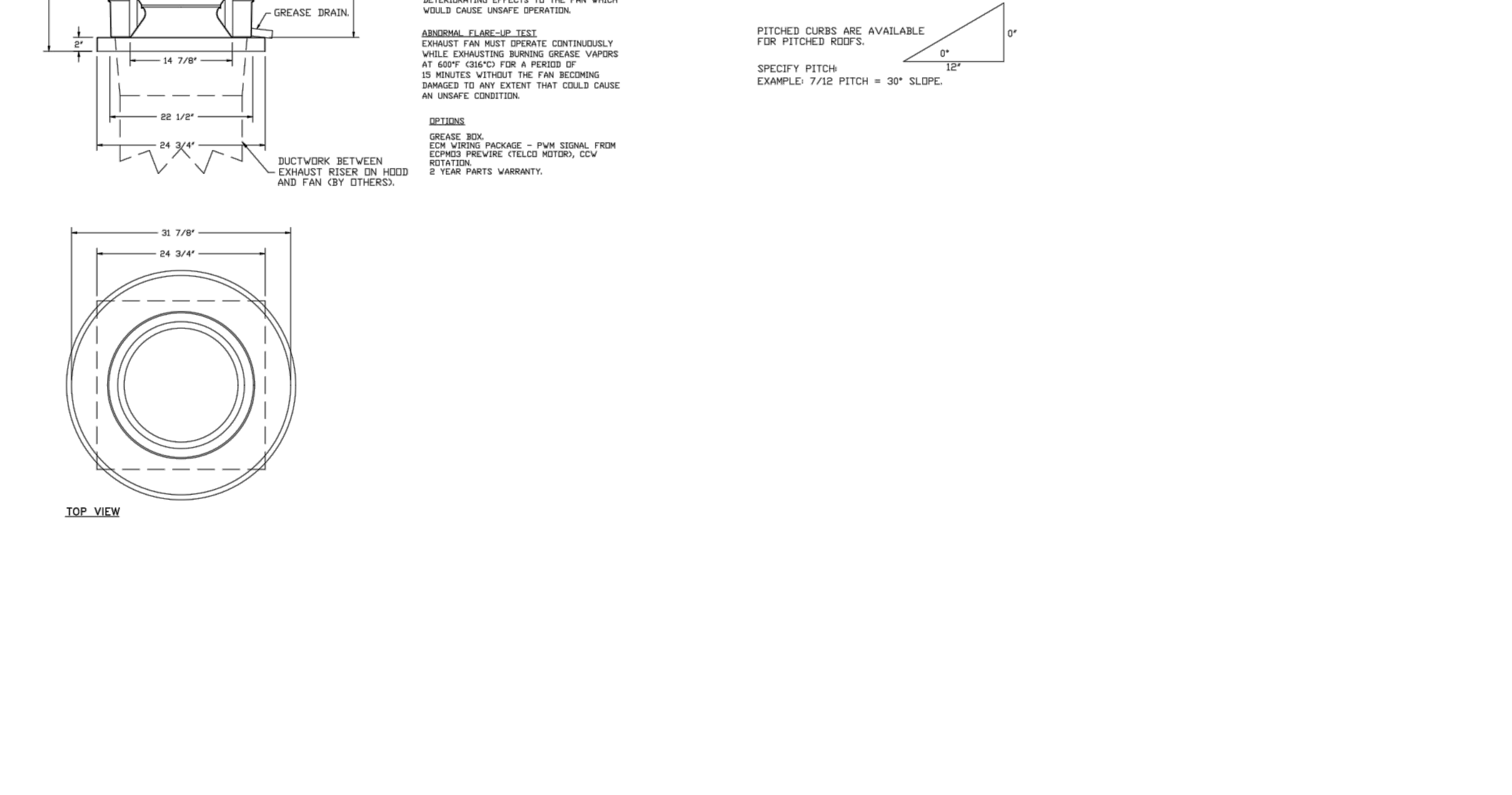
UNIT NO.	QTY	DESCRIPTION
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2	1	IF YEAR PARTS WARRANTY
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5	1	IF YEAR PARTS WARRANTY
6	1	IF YEAR PARTS WARRANTY

FAN ACCESSORIES

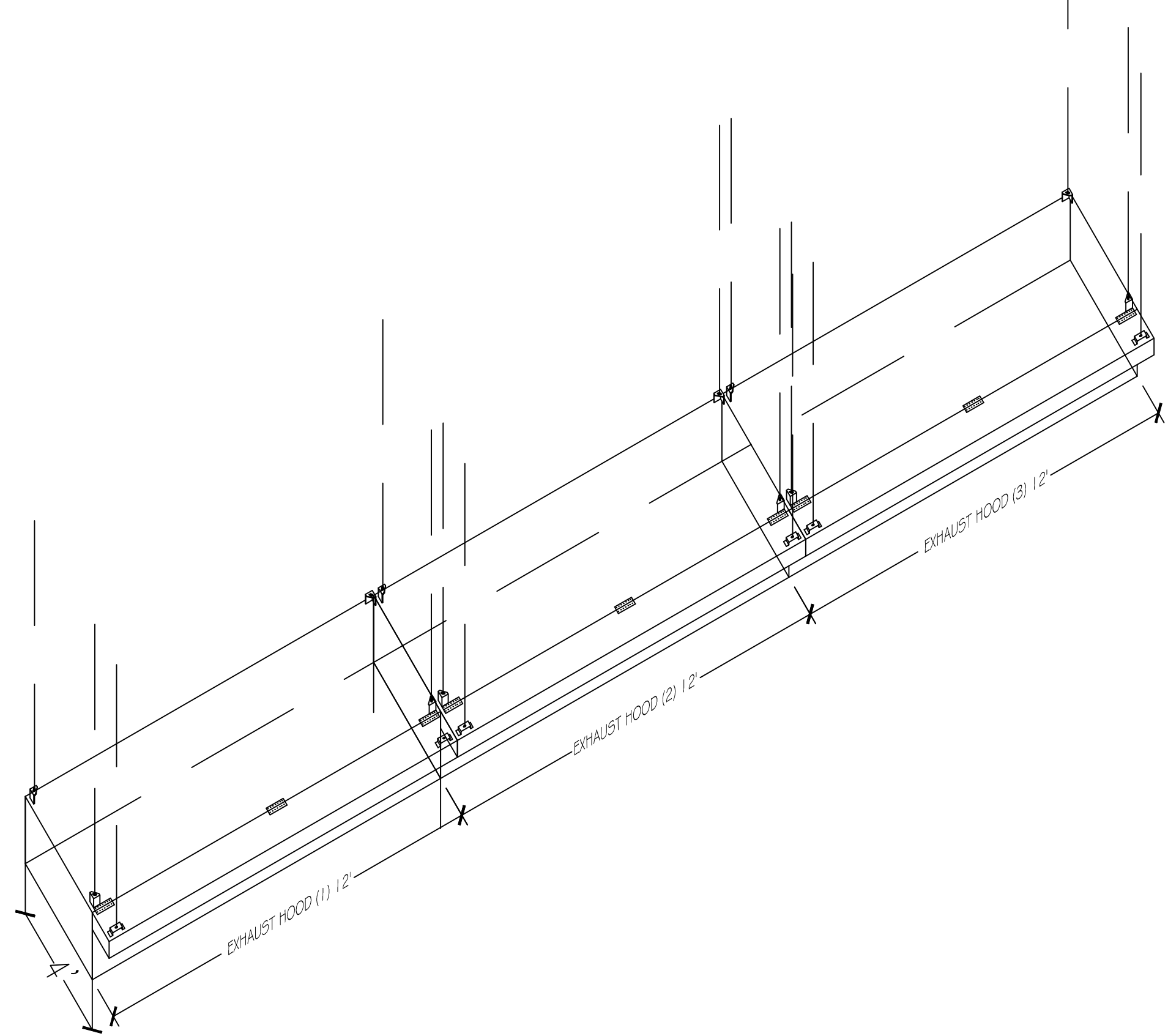
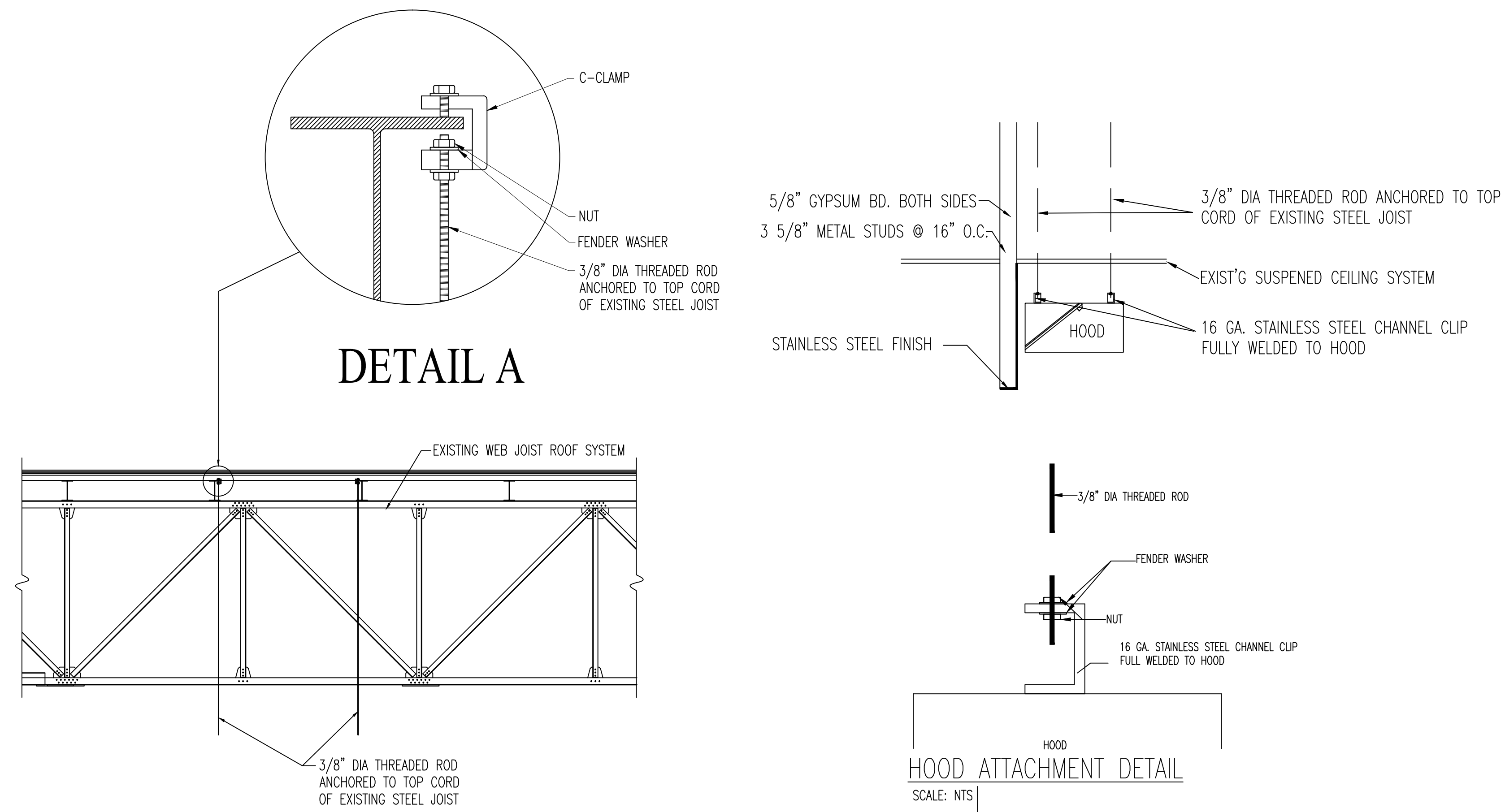
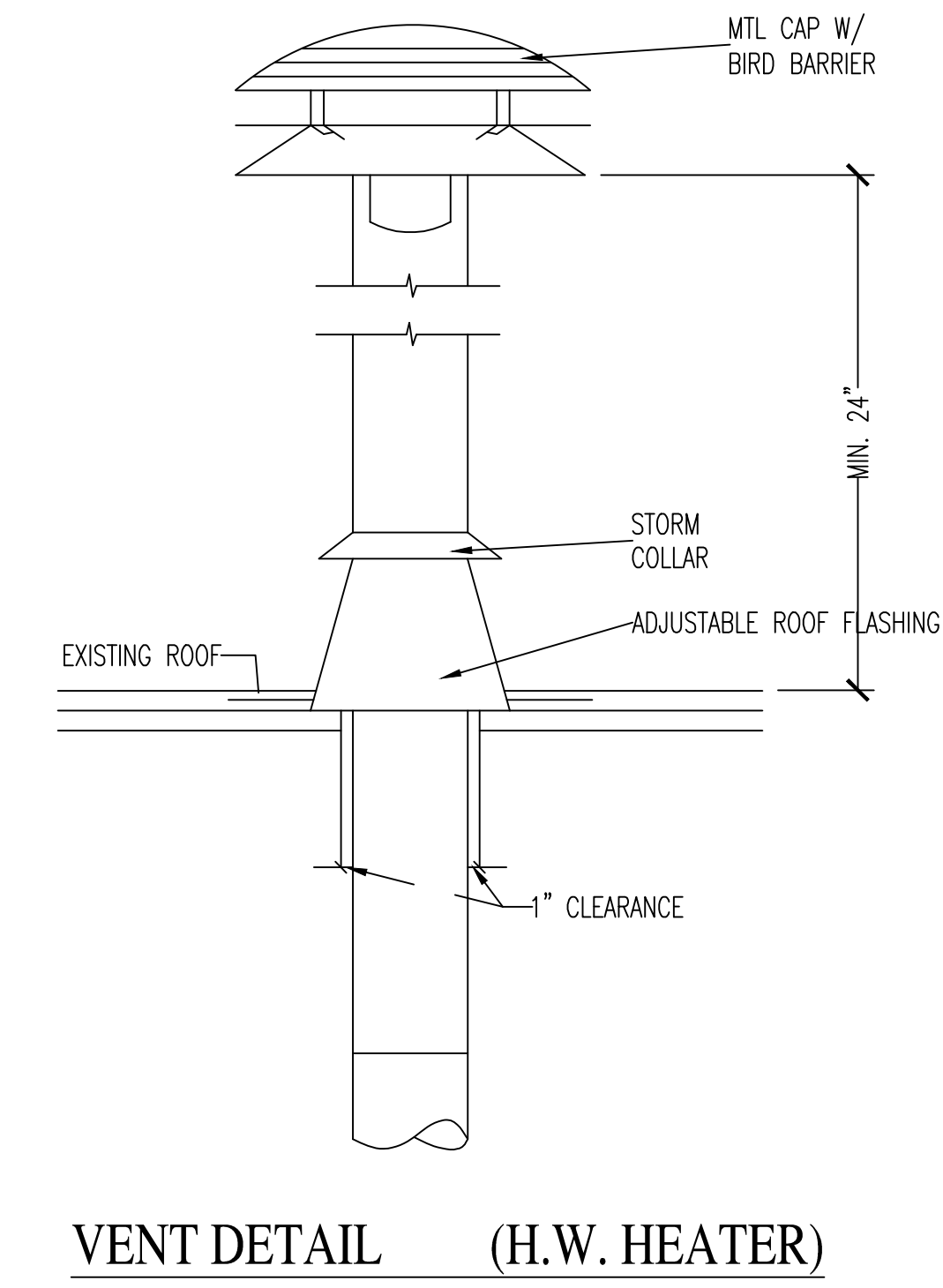
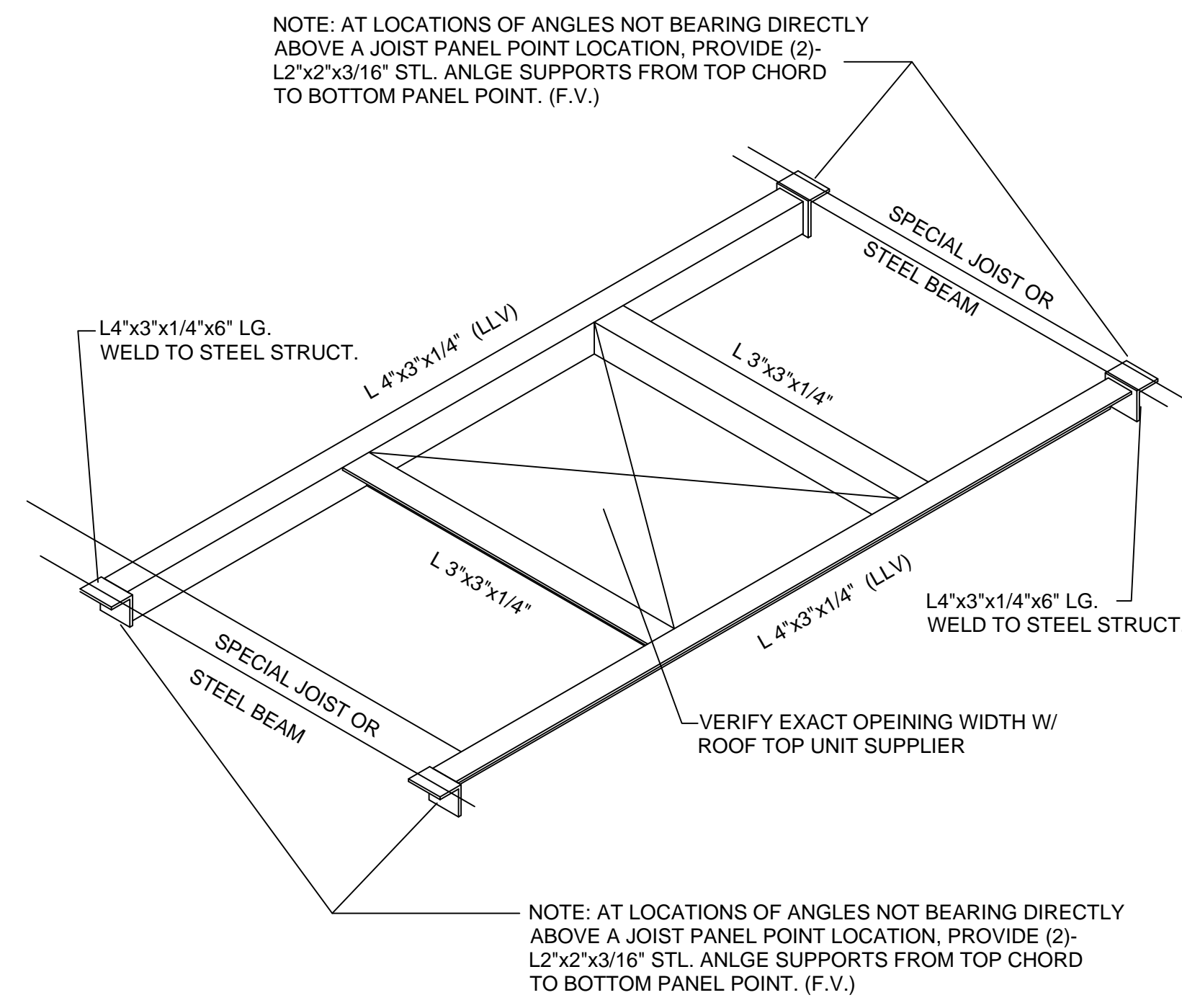
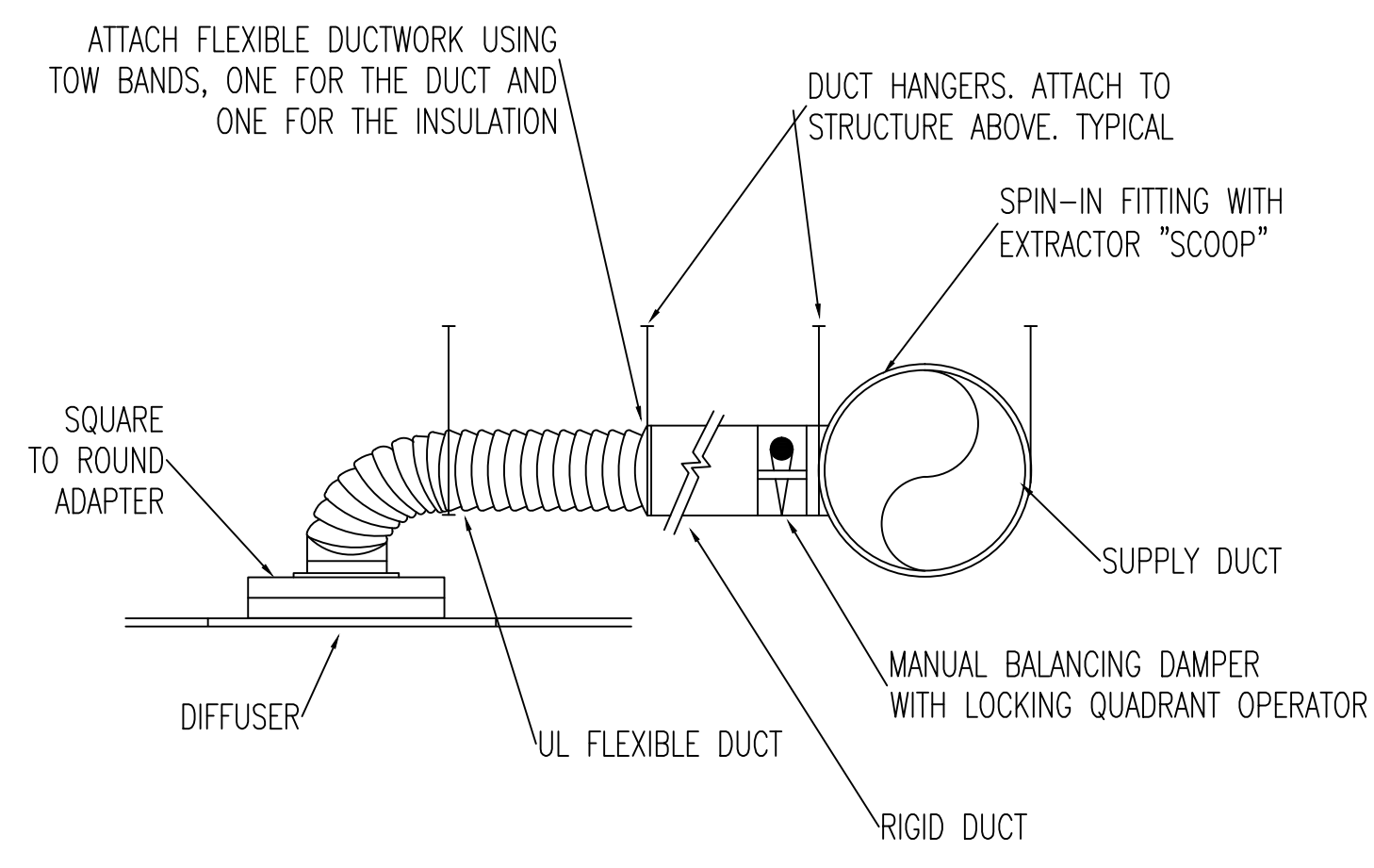
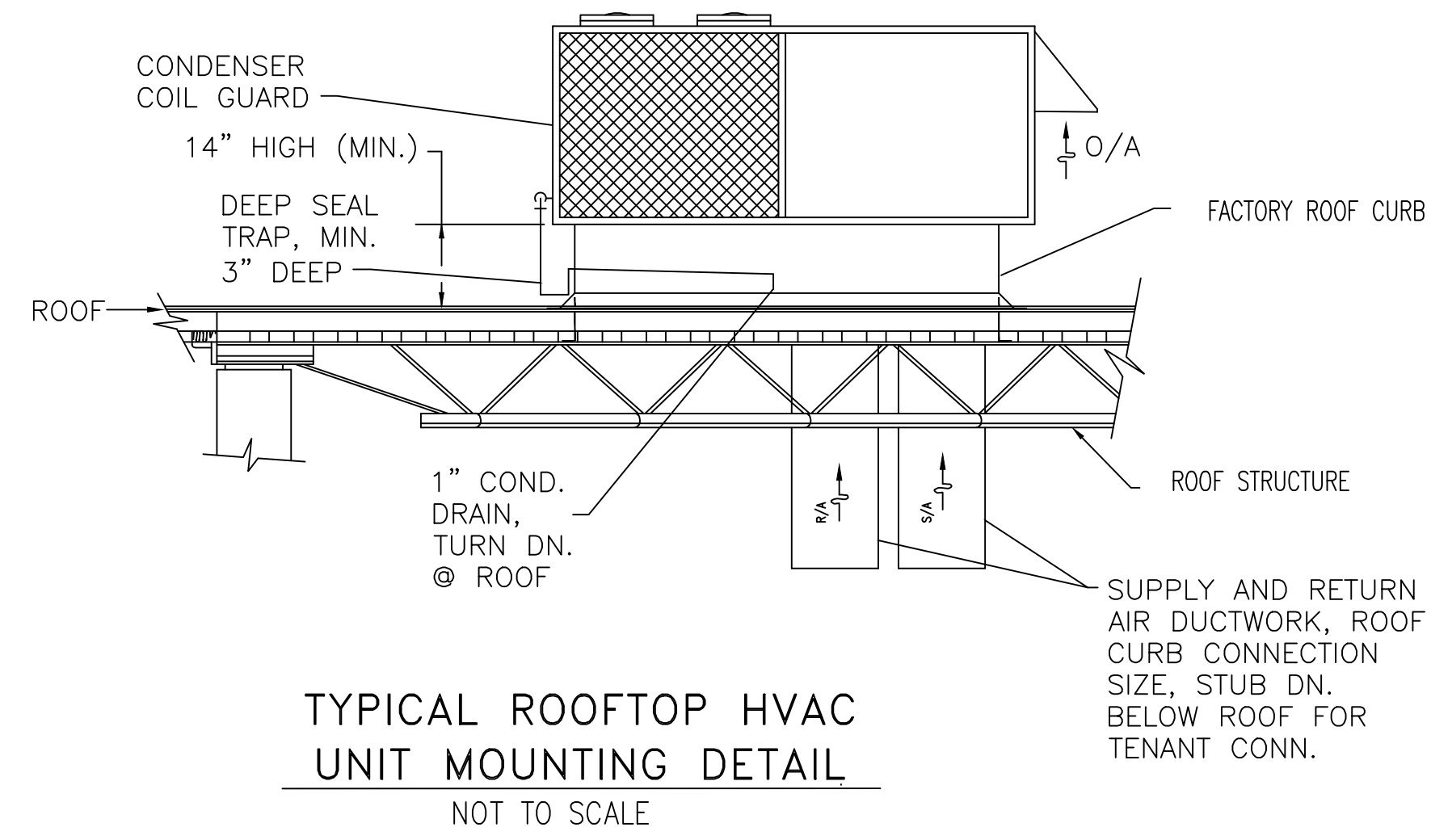
FAN NO.	EXHAUST	SUPPLY
1	YES	NO
2	YES	NO
3	YES	NO
4	YES	NO
5	YES	NO
6	YES	NO

GRID ASSEMBLIES

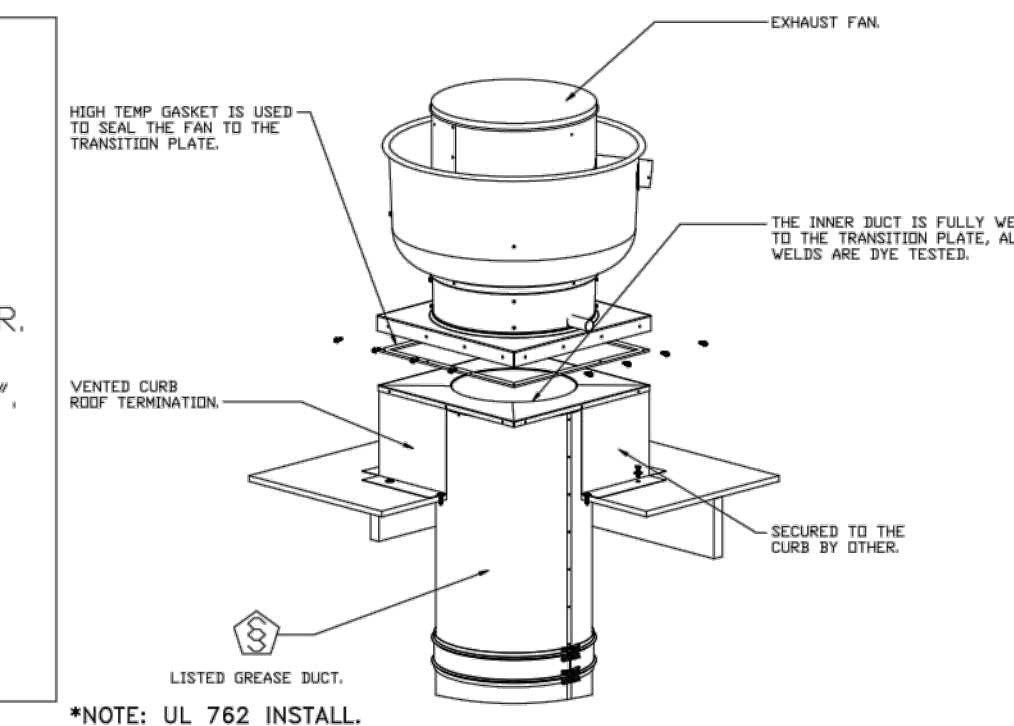
NO.	QTY	WEIGHT	ITEM	SIZE
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UNIT NO.	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	HP	PHASE	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	CONES
1	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7
2	1	EAD300H	ECON-AIR	3000	1.000	1725	0.500	3	208	8.3	762 FPM	180	19.7
3	1	EAD300H	ECON-AIR	3000	1.000	1725	0.5						



GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO ECON-AIR MODEL "EDW" ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "EDW" IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "EDW" DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER THE MANUFACTURER'S INSTALLATION GUIDE.
PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURER'S LISTING MODEL "EDW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.
IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO ECON-AIR MODEL "EDW-2R, 2R-TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.



CUSTOMER APPROVAL TO MANUFACTURE:

APPROVED AS NOTED
APPROVED WITH NO EXCEPTION TAKEN
REVISION AND RESUBMIT
SIGNATURE _____ DATE _____
YOUR TITLE _____

REVISIONS

NO.	DATE	DESCRIPTION

econ-air
Bates & Barlock
14800 New York St, Peoria, IL 61614

Feast Buffet
4232 N Brandywine Dr.,
Peoria, IL, 61614

DATE: 7/11/2022
DWG.#: 2204476
DRAWN BY: PJR
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 9

WEITAN
2425 S WENTWORTH AVE
CHICAGO IL 60616
Phone: (312) 912-5798
Email: weitchies98@yahoo.com
LICENSE NO. 001-022013
EXPIRES: 11/30/2022
MEP ENGINEER
236 W ALEXANDER STREET
CHICAGO IL 60616
PHONE: (312) 720-8800
BILLY WANG66@HOTMAIL.COM
LICENSE NO. 062.068227
EXPIRES: 11/30/2023

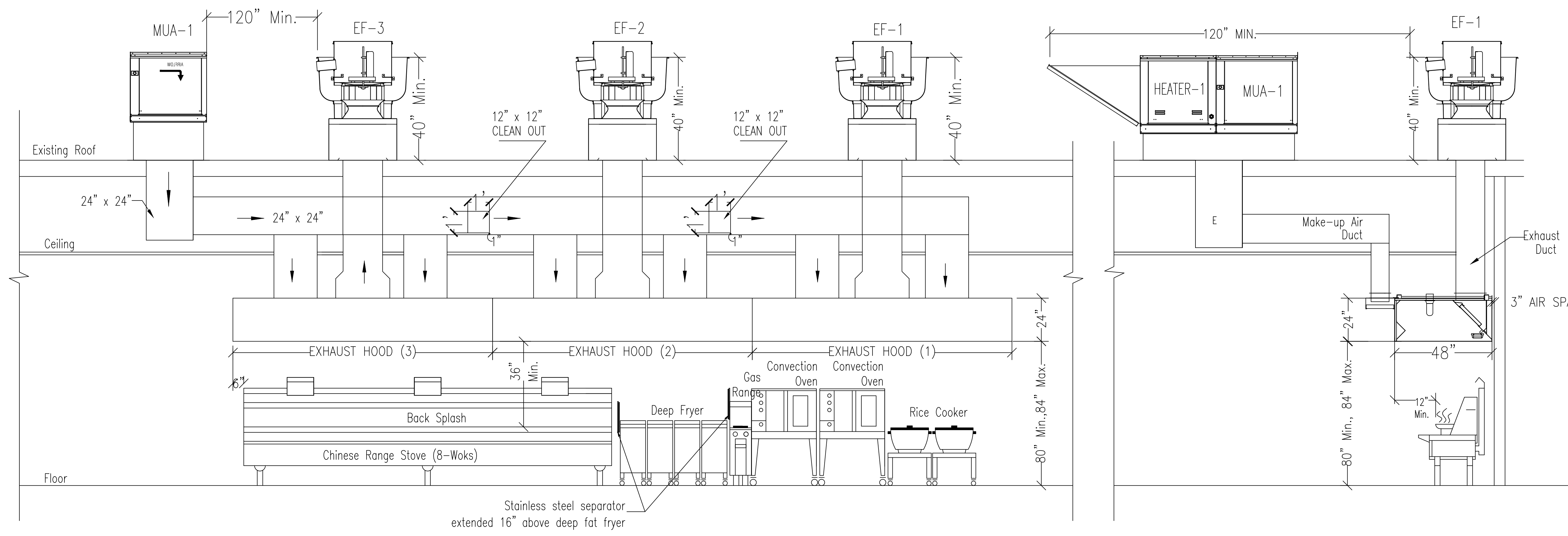
FEAST BUFFET
EXTERIOR & INTERIOR REMODELING
4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
REISSUED FOR PERMIT	08/18/2022



KITCHEN
EXHAUST HOOD
DETAILS-3

SHEET NUMBER
M4

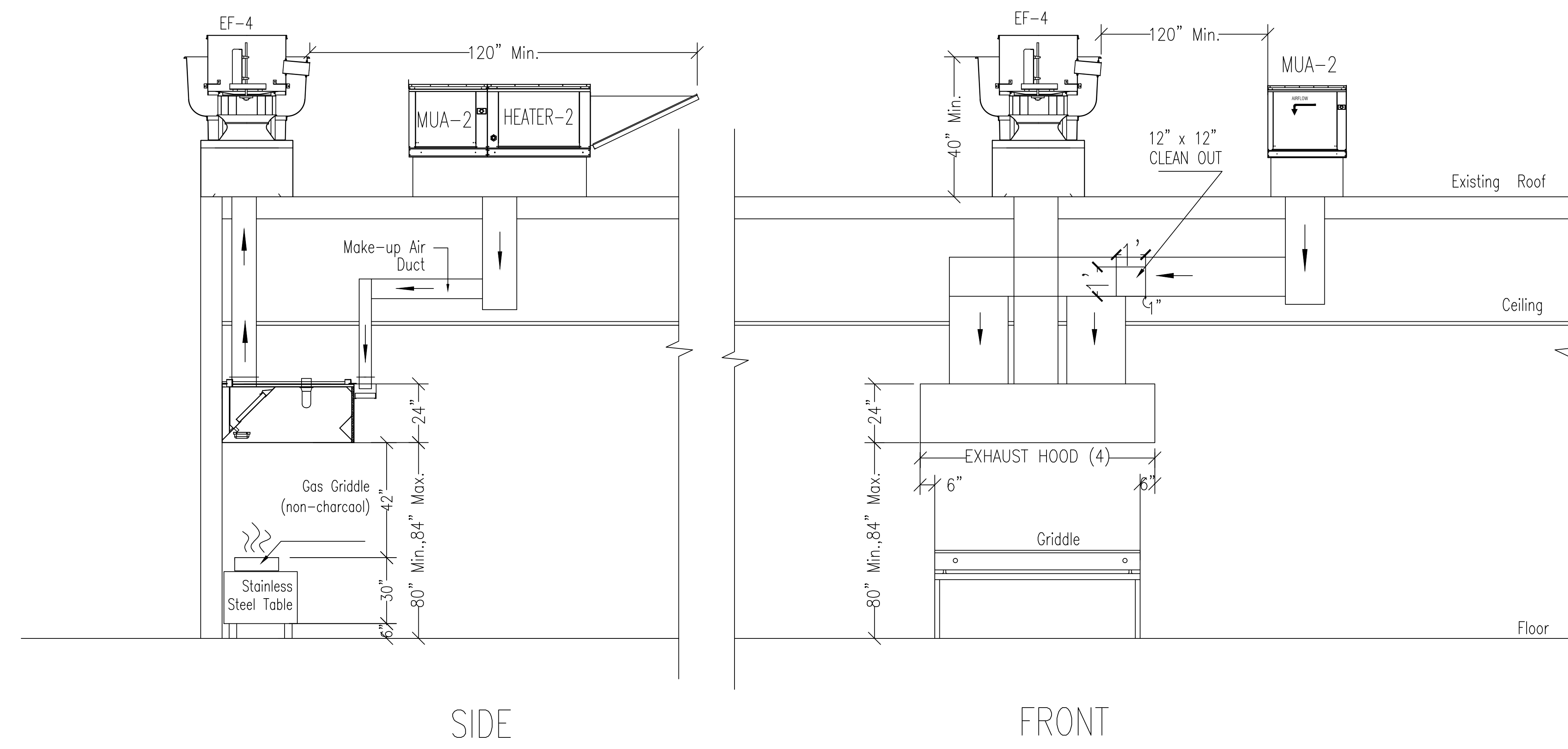


VENTILATION PLAN -1
FRONT SCALE: N.T.S.

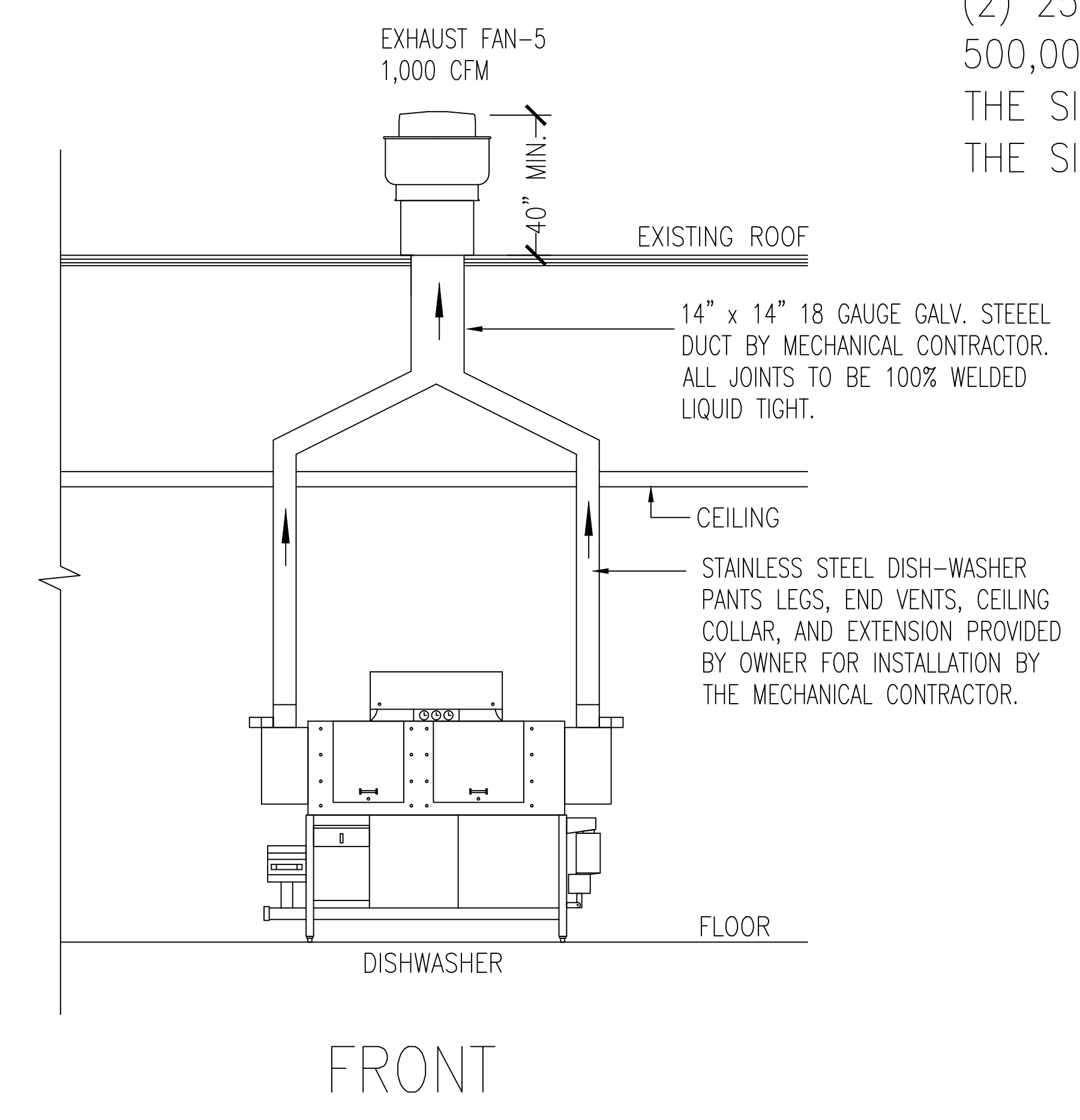
NOTE:
 a. MECHANICAL CONTRACTOR SHALL CALL FIRE PROTECTION SUBCODE OFFICIAL FOR THE FOLLOWING INSPECTION:
 1. FOR A FIRE PROTECTION INSPECTION OF THE WELDS PRIOR TO COVER
 2. A PERFORMANCE TEST PER NJ IMC 507.16
 3. CAPTURE AND CONTAINMENT TEST REQUIREMENT PER NJ IMC 507.16.1
 b. ACTIVATION OF THE EXHAUST FANS SHALL OCCUR THROUGH AN INTERLOCK WITH THE COOKING APPLIANCES, BY MEANS OF HEAT SENSORS
 c. ACTIVATION OF HOOD SUPPRESSION SHALL ACTIVATE ALARM INSIDE THE STORE PROVIDE PERMIT.
 d. THE EXHAUST AND MAKE-UP AIR SYSTEM SHALL BE ELETTRICALLY INTERLOCKED TO INSURE THAT MAKE-UP AIR IS PROVIDED WHENEVER THE EXHAUST SYSTEM IS IN OPERATION.

NOTE:
 MAKE UP AIR PROVISIONS PER IFGC 304.4
 MAKE UP AIR REQUIREMENTS FOR THE OPERATION OF EXHAUST FANS, KITCHEN VENTILATION SYSTEM, CLOTHES DRYERS AND FIREPLACES SHALL BE CONSIDERED IN DETERMINING THE ADEQUACY OF A SPACE TO PROVIDE COMBUSTION AIR REQUIREMENTS.

SYSTEM INTERCONNECTION (IMC 507.2.1.1)
 EXHAUST HOODS SHALL BE AUTOMATICALLY OPERATE DURING COOKING OPERATIONS IN COMMERCIAL KITCHEN BY MEANS OF AN ELECTRICAL INTERLOCK OR HEAT SENSORS OR OTHER APPROVED MEANS.

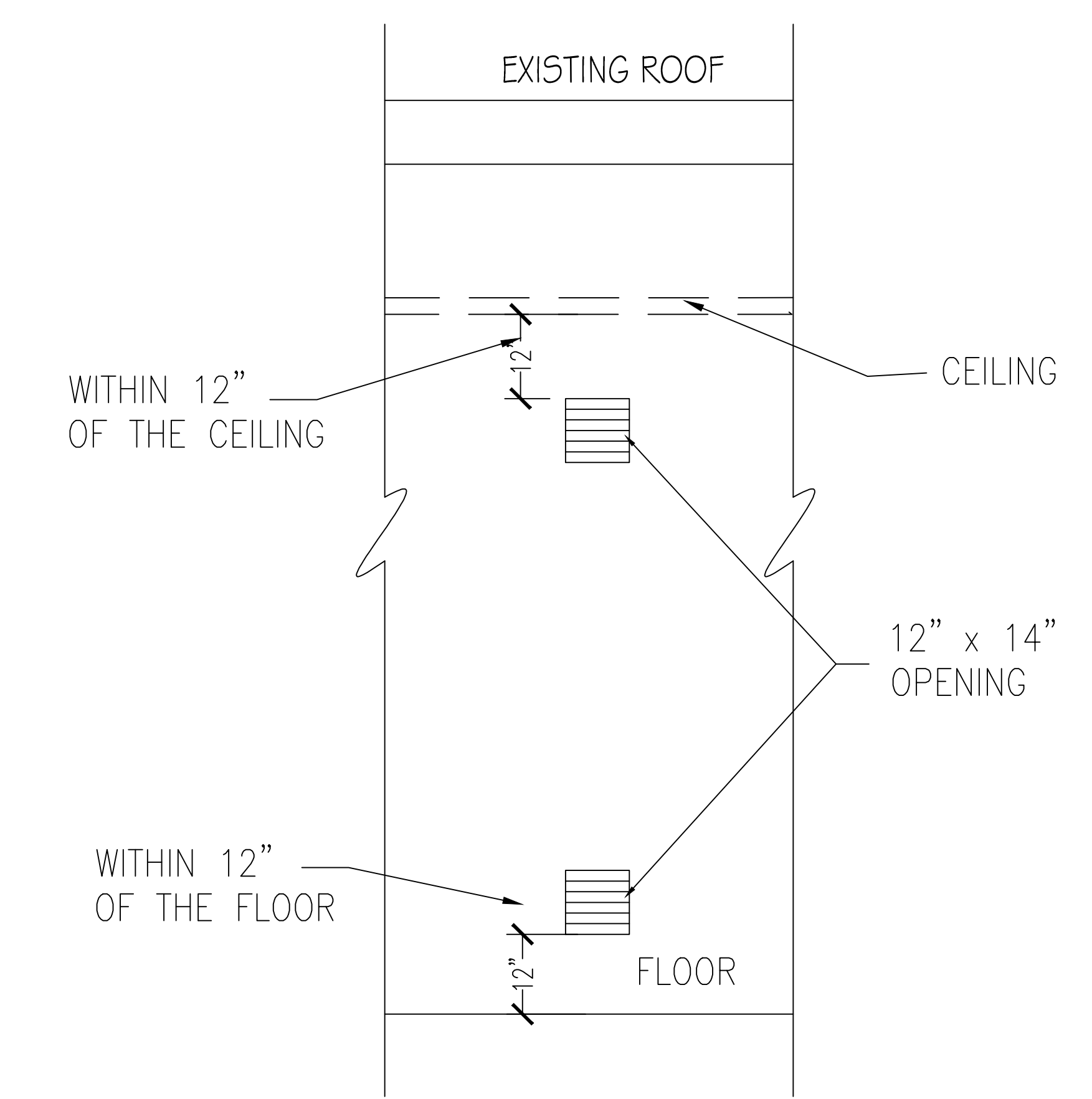


VENTILATION PLAN -2
SIDE FRONT SCALE: N.T.S.



DISHWASHER EXHAUST PLAN
SCALE: 1/4" = 1'-0"

NOTE:
 PROVIDE TWO OPENINGS, A MIN. OF 1 SQ. INCHES OPENING PER 4,000 BTUH INPUT RATING OF HOT WATER HEATER
 (2) 250,000 BTU HOT WATER HEATER
 $500,000 \text{ BTU} / 4,000 = 125 \text{ SQ. IN. REQUIRED}$
 THE SIZE OF OPENING REQUIRED: $125 / .75 = 167 \text{ SQ. IN. EACH}$
 THE SIZE OF OPENING PROVIDED: $12" \times 14" = 168 \text{ SQ. INCHES EACH}$



COMBUSTION AIR OPENING DETAIL

WEITAN
 2425 S WENTWORTH AVE
 CHICAGO IL 60616
 Phone: (312) 912-5798
 Email: weitchic198@yahoo.com
 LICENSE NO. 001-022013
 EXPIRES: 11/30/2022
 MEP ENGINEER
 236 W ALEXANDER STREET
 CHICAGO IL 60616
 PHONE: (312) 720-8800
 BILLY WANG666@HOTMAIL.COM
 LICENSE NO. 062.068227
 EXPIRES: 11/30/2023

FEAST BUFFET
 EXTERIOR & INTERIOR REMODELING
 4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
REISSUED FOR PERMIT	08/18/2022

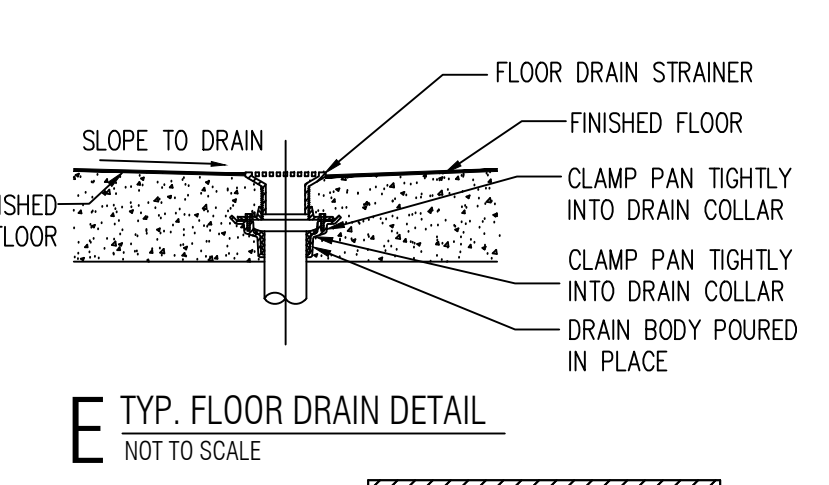
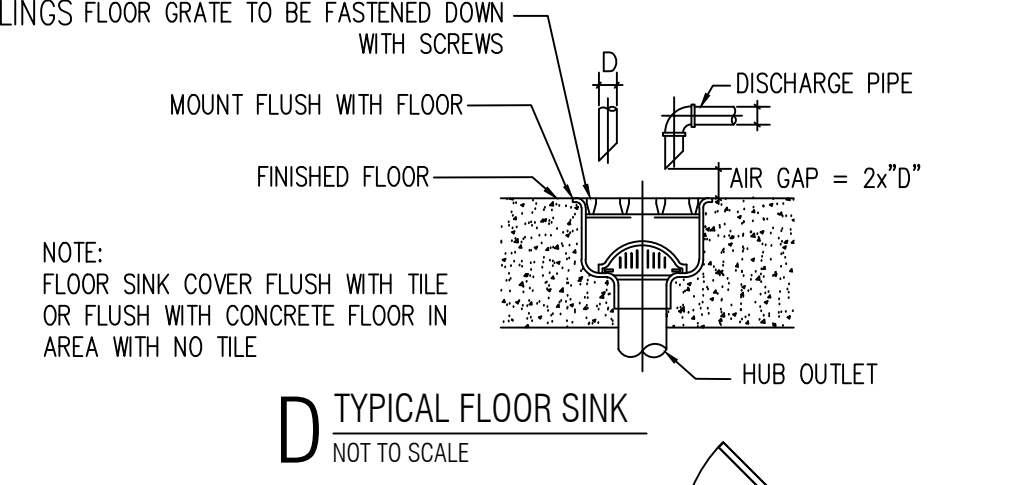
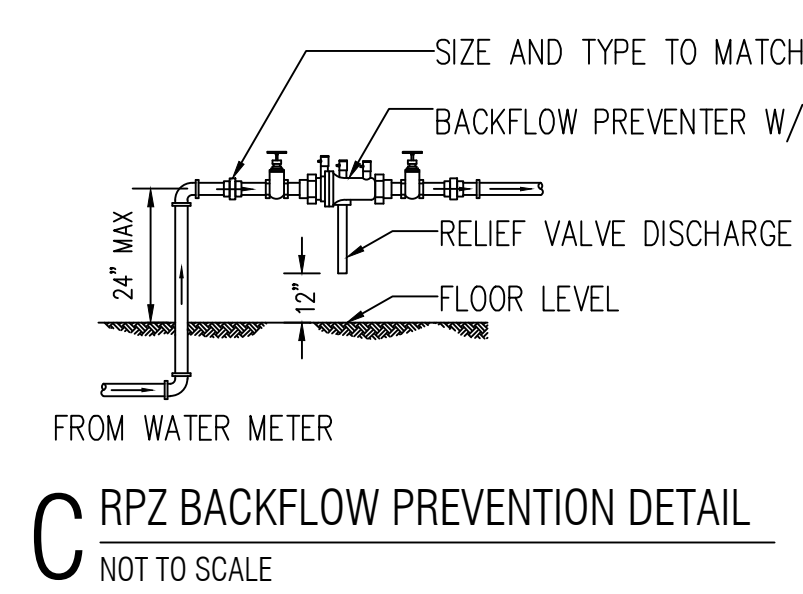
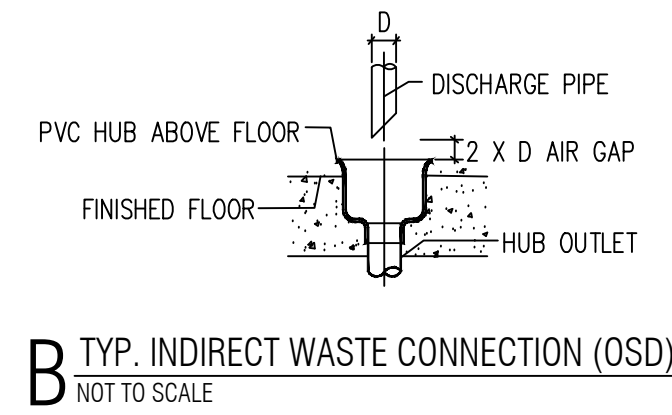


KITCHEN
 EXHAUST HOOD
 DETAILS-4

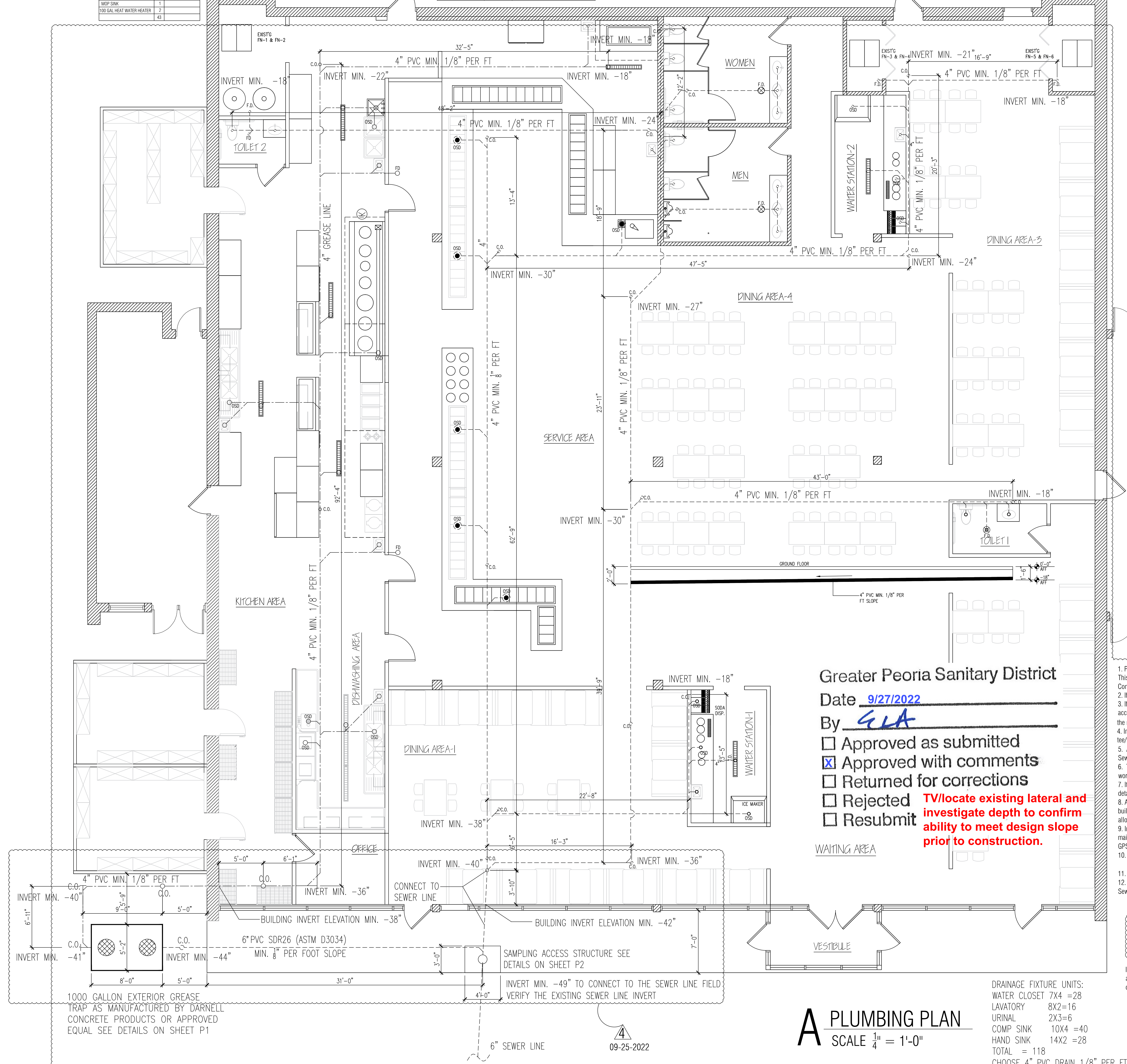
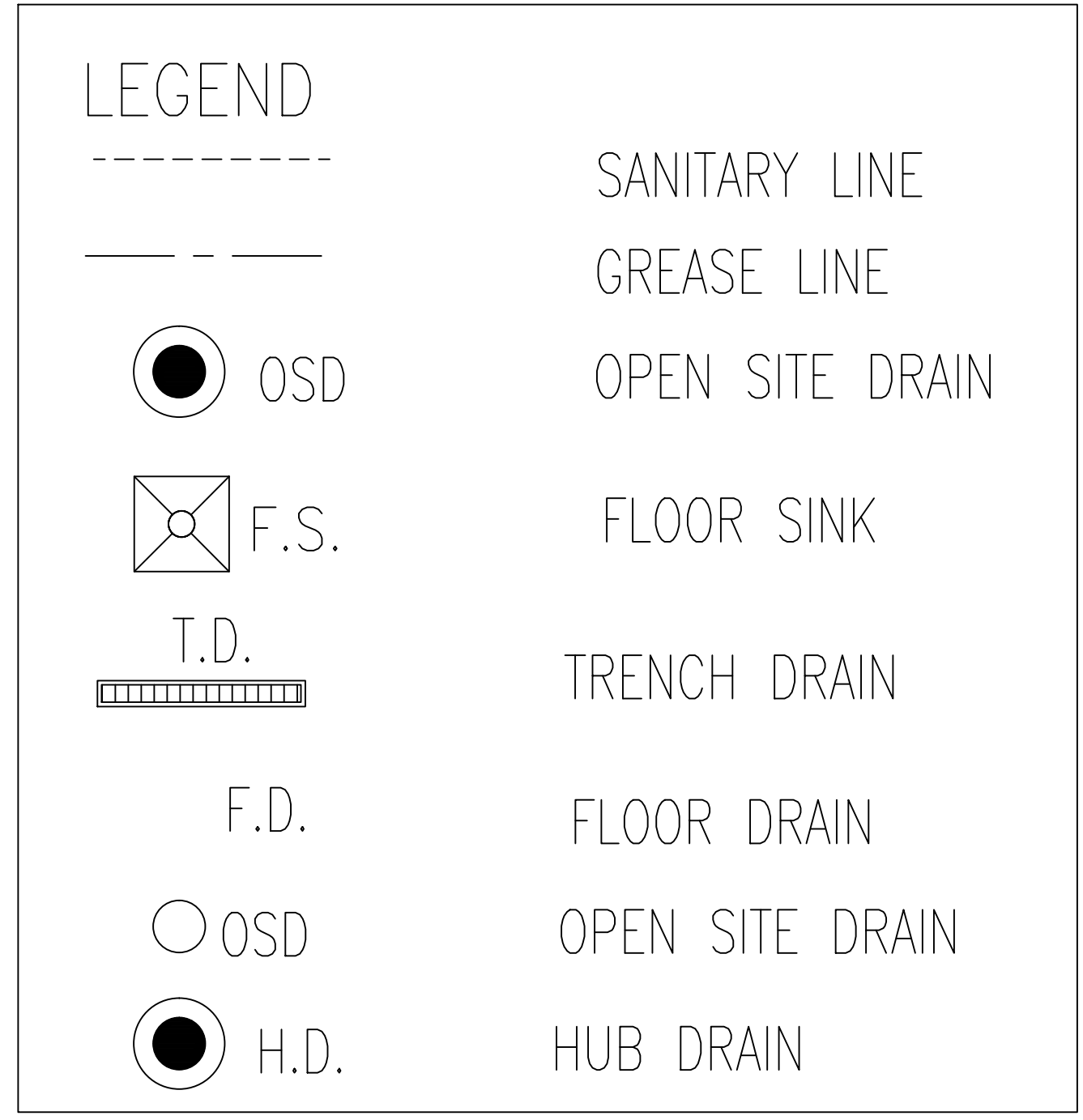
SHEET NUMBER
M5

PLUMBING FIXTURES	QTY	COMMENT
WATER CLOSET	7	
URINAL	2	
LAVATORY	8	
HAND SINK	8	
SSDA DISPENSER	2	
CHEESE MAKER	1	
ICE MAKER	2	
COFFEE URN	2	
TEA URN	2	
2 COMP SINK	2	
1 COMP SINK	2	
DISHWASHER	1	
30" FRY HOSE	1	
MOP SINK	1	
100 GAL HEAT WATER HEATER	2	
	43	

PLUMBING FIXTURES AND FITTINGS SCHEDULE	FIXTURE	MODEL	MODEL NO/REMARKS
WATER CLOSET	AMER STAND	ADA COMPLIANT FLOOR MOUNTED	
LAVATORY	KOHLER	ADA COMPLIANT WALL MOUNTED	
URINAL	KOHLER	ADA COMPLIANT WALL MOUNTED	
FAUCET	KOHLER	ADA COMPLIANT ASME/ANSI 116/117 COMPLIANT SET TO 110F MAX	
TEMPERING VALVE	WATTS	1170-80	
TOILET PAPER DISPENSER	BOBRICK	80288 ADA	
GRAB BARS	BOBRICK	86606 SERIES 38" AND 42"	
SOAP DISPENSER	BOBRICK	88276 SURFACE MOUNTED	
MIRROR	BOBRICK	8-165 ADA COMPLIANT	
TRASH RECEPTACLE	BOBRICK	8-275 WALL MOUNTED	
HAND DRYER	WORLD DRYER	WAT-75 2 PINNED WHITE AIRSPRAY SURFACE MOUNTED MOUNT	



- ### PLUMBING REQUIREMENTS
- ALL PLUMBING SHALL COMPLY WITH THE LOCAL PLUMBING & HEALTH DEPARTMENT REQUIREMENTS, AND ALL APPLICABLE CODES AND INSPECTIONS.
 - INSULATE ALL HOT & COLD WATER LINES ABOVE GRADE WITH 3/4" FIBERGLAS PIPE INSULATION, WITH VAPOR BARRIER.
 - VERIFY ALL FINAL CONNECTIONS TO KITCHEN EQUIPMENT WITH KITCHEN SUPPLIER. VERIFY ROUGH-IN REQUIREMENTS WITH SAME.
 - MATERIALS SHALL BE AS FOLLOWS:
 - A: WATER PIPING TO BE TYPE 'K' COPPER BELOW GRADE, TYPE 'L' COPPER ABOVE GRADE.
 - B: WASTE PIPING TO BE CAST IRON, OR PVC PLASTIC (APPROVED BY LOCAL AUTHORITY).
 - C: VENTS TO BE CAST IRON, GALVANIZED STEEL, OR PVC PLASTIC PIPE.
 - D: GAS PIPING TO BE SCHEDULE 40, BLACK STEEL PIPE. PROVIDE AUTOMATIC GAS SHUT-OFF VALVE IN COOKING EQUIPMENT SUPPLY MAIN AS REQUIRED FOR COOKING EQUIPMENT FIRE PROTECTION SYSTEM. VERIFY & COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
 - ALL INDIRECT WASTES EXCEEDING 24" IN LENGTH SHALL BE TRAPPED.
 - PROVIDE CLEANOUTS REQUIRED, & AT THE BASE OF ALL STACKS.
 - ALL MATERIALS USED WITHIN RETURN AIR PLENUMS SHALL BE APPROVED FOR SUCH USE.
 - PROVIDE FIXTURE STOPS AT ALL PLUMBING FIXTURES.
 - PROVIDE ALL FITTING & ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
 - HOT WATER SUPPLIED TO LAVATORY FIXTURES SHALL NOT EXCEED 110°F.
 - HANDICAP PLUMBING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE ADA REQUIREMENTS & LOCAL STATE BARRIER FREE REQUIREMENTS.
 - COORDINATE ALL WORK IN FIELD WITH ARCHITECTURAL, MECHANICAL & ELECTRICAL TRADES.
 - VERIFY ALL EXISTING JOB CONDITIONS & AS REQUIRED FOR A COMPLETE INSTALLATION.



Greater Peoria Sanitary District
Date 9/27/2022

- By GLA
- Approved as submitted
 - Approved with comments
 - Returned for corrections
 - Rejected
 - Resubmit
- TV/locate existing lateral and investigate depth to confirm ability to meet design slope prior to construction.**

- Prior to construction the Contractor shall positively locate the existing sewer lateral and televise the lateral to document condition. This work shall be performed in the presence of District personnel. That any work to sewer infrastructure must be completed by a Contractor that is licensed and bonded by the District.
- If the lateral and sewer tee, wye or tap are deemed to be in acceptable condition the existing lateral shall be utilized.
- If the lateral is deemed to be in an unacceptable condition but the existing tee, wye or tap at the sewer main is found to be in acceptable condition, then the existing lateral shall be abandoned and/or removed upstream of the existing sewer tee, wye or tap and the new lateral shall be connected to the existing sewer main connection.
- In the event that it is determined that the existing tee, wye or tap is in poor condition the District will either authorize the replacement of the existing tee/wye/tap or authorize an alternate connection location. Please keep in mind that this decision will be at the discretion of the District.
- All sanitary sewer work shall be constructed in conformance with GPSD's Ordinances, General Specifications for Sanitary Sewers and Appurtenances and Building Sewer Regulations.
- The Contractor shall contact the District two working days in advance of any sanitary sewer or manhole work to be performed so that the District may inspect the work. Contact information is Greater Peoria Sanitary District 309-272-4844.
- It is current District policy that restaurants or facilities with commercial kitchens shall utilize the 1,000 gallon grease trap design in accordance with GPSD standard detail 095-15. (<https://www.gpsd.org/ordinances--regulations.html>)
- All sanitary piping greater than five feet from the building shall be 6-inch PVC, SDR 26 (ASTM D3034). Specifying the lateral pipe material, pipe slope and building invert elevations. In accordance with Title 35 of the Illinois Administrative Code, Section 370, Subsection 320, Part (i) Service Connections, the minimum allowable sewer service slope is 1.0%.
- In accordance with Title 35 of the Illinois Administrative Code, Section 370, Subsection 320, Part (i) Service Connections, when straight line alignment is not maintained on building service sewers, cleanouts or manholes shall be provided at points of changes in alignment. Provide cleanouts or manholes in accordance with GPSD standards for all changes of alignment. Cleanouts shall also be provided 5' outside the building foundation.
- Include a Sampling Access Structure in accordance with GPSD standard detail 095-14. Sampling Access Structure shall be installed online with the sanitary lateral and in a low traffic, paved area with a minimum clear, flat area of 3' x 4' such as a parking stall.
- Confirm if the sanitary discharge will be greater than or equal to 1,500 gallons per day. Provide supporting calculations.
- Confirm that no downspouts, open drains, or footing tiles are connected to sewer system in accordance with GPSD Ordinance 581, Article 5 - Buildings and Sewers and Connections, Section 514

SEWAGE FLOW CALCULATION
RESTAURANT SEWAGE FLOW = 400 MEALS PER DAY X 3 GALLONS PER PERSON PER DAY = 1200 GALLONS PER DAY

In accordance with Title 35 of the Illinois Administrative Code, Section 370, Subsection 320, Part (i) Service Connections, when straight line alignment is not maintained on building service sewers, cleanouts or manholes shall be provided at points of changes in alignment. Provide cleanouts or manholes in accordance with GPSD standards for all changes of alignment. Cleanouts shall also be provided 5' outside the building foundation.

DRAINAGE FIXTURE UNITS:

WATER CLOSET	7X4 = 28
LAVATORY	8X2 = 16
URINAL	2X3 = 6
COMP SINK	10X4 = 40
HAND SINK	14X2 = 28
TOTAL	= 118

CHOOSE 4" PVC DRAIN 1/8" PER FT SLOPE

A PLUMBING PLAN
SCALE 1/4" = 1'-0"

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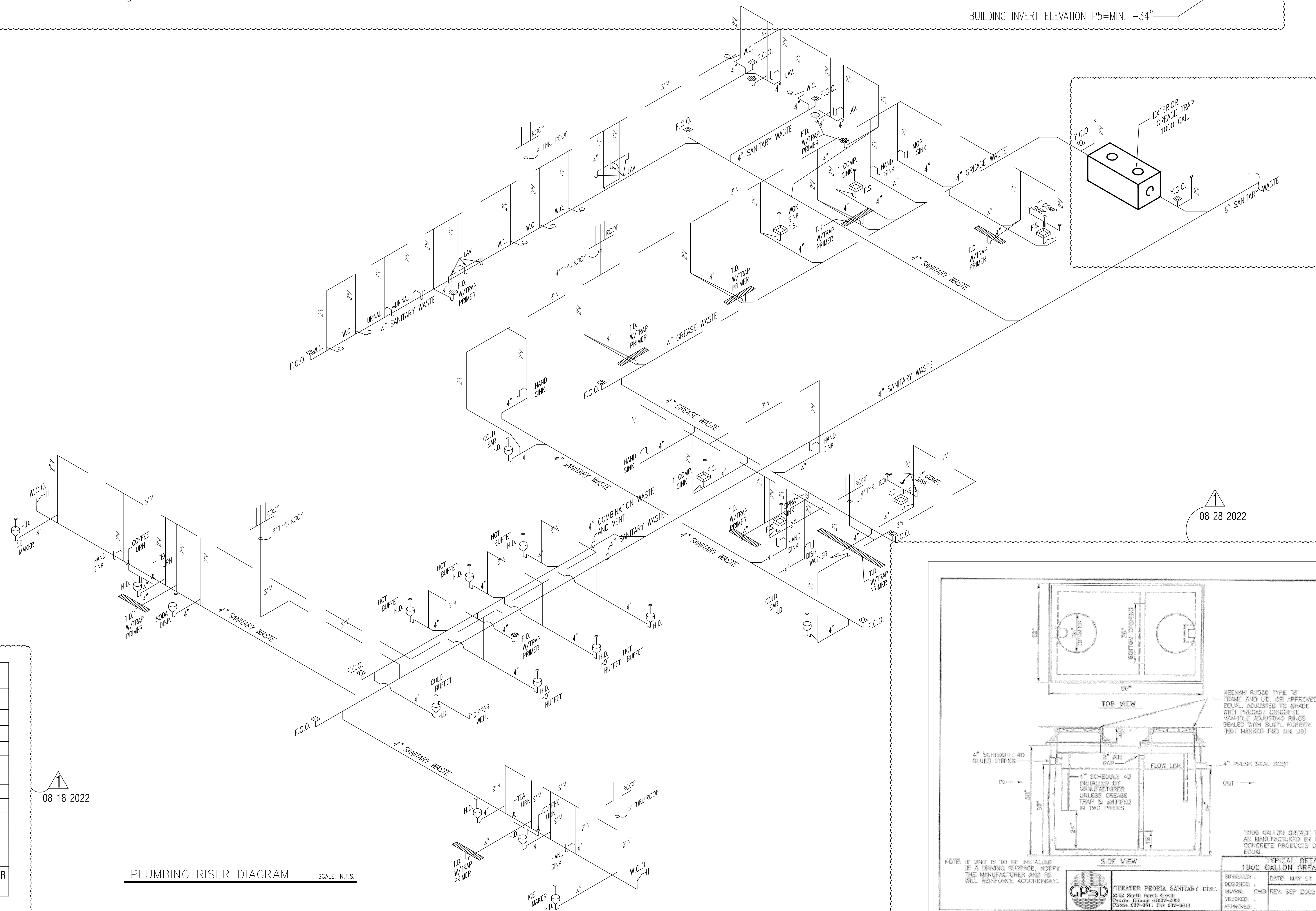
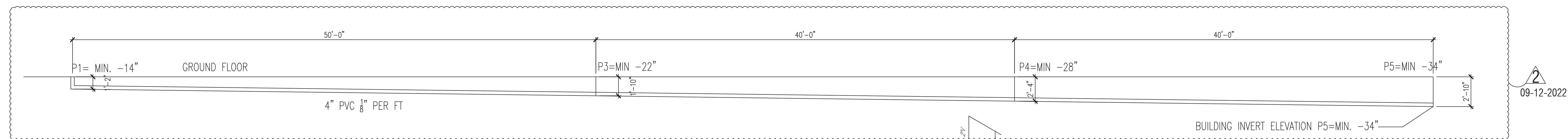
FEAST BUFFET
EXTERIOR & INTERIOR REMODELING
4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
ISSUED FOR PERMIT	06/28/2022
ISSUED FOR PERMIT	08/18/2022
ISSUED FOR PERMIT	09/12/2022
ISSUED FOR PERMIT	09/20/2022
ISSUED FOR PERMIT	09/25/2022

STATE OF ILLINOIS
YAO BAI WANG
062.068227
TEL: 312-788-8888
LICENSED PROFESSIONAL ENGINEER

PLUMBING
PLAN & NOTES

SHEET NUMBER
P1



GREASE TRAP CALCULATION

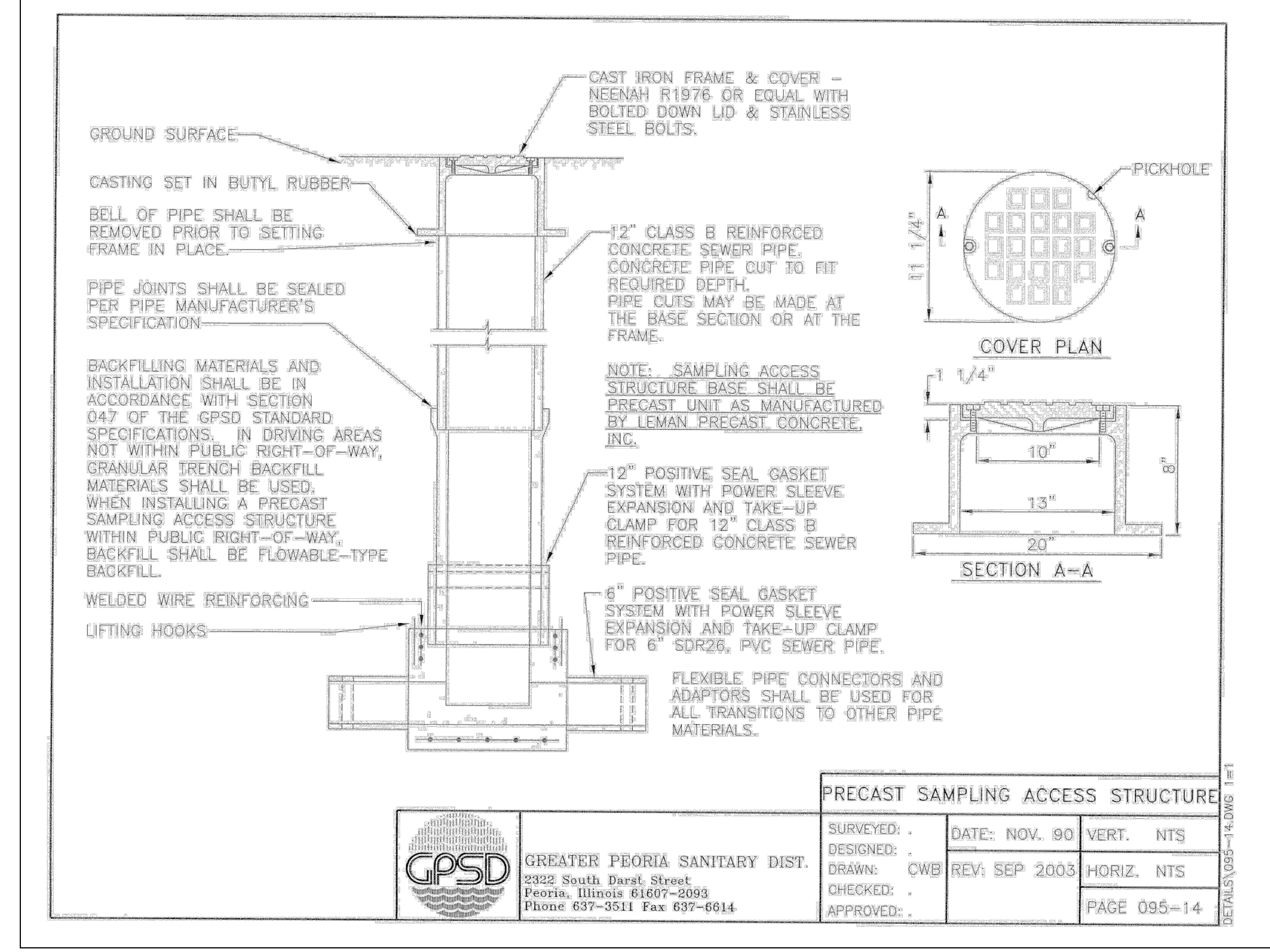
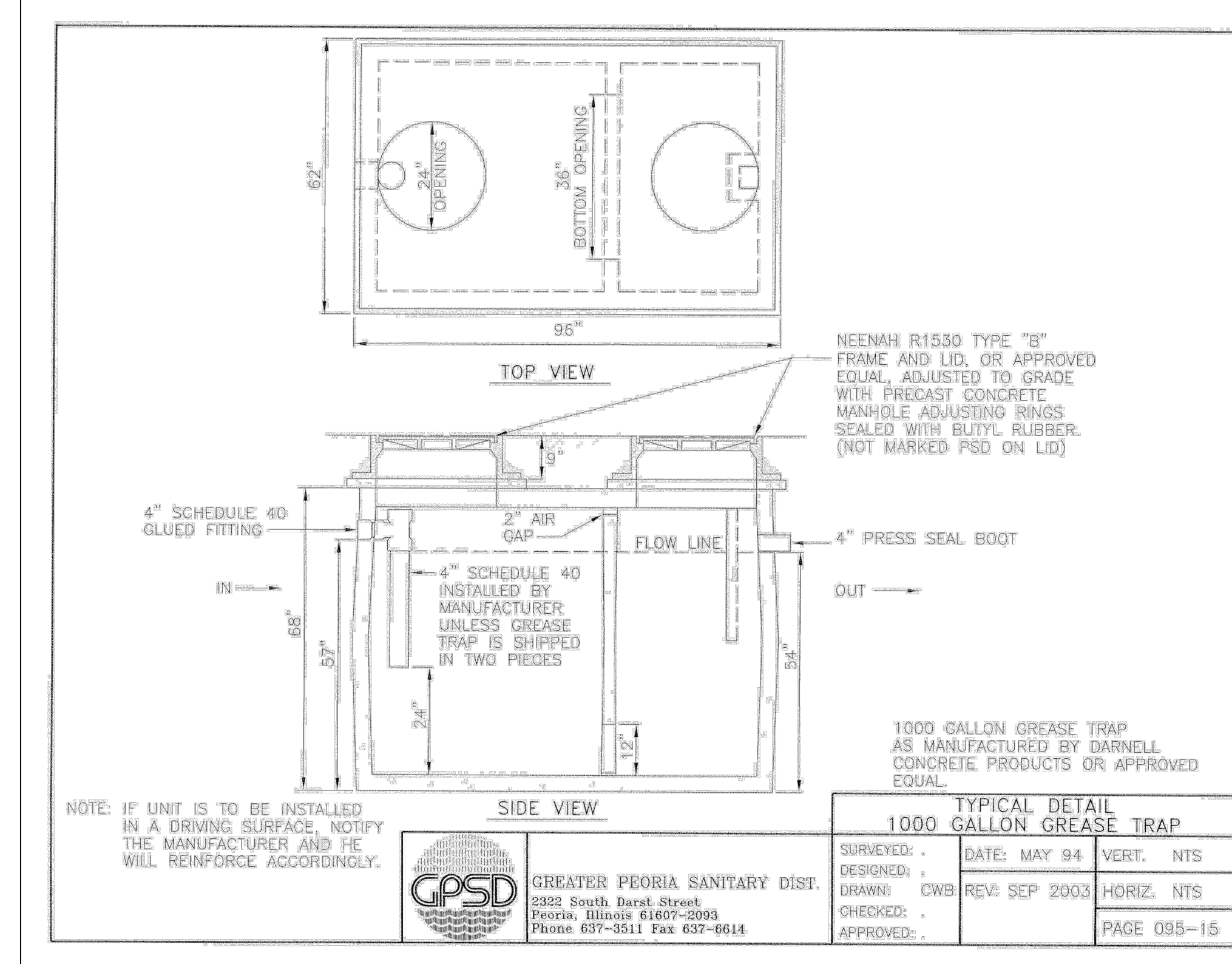
ITEM	VOL. (GAL.)
CHINESE WOK	30
(16\"X16\"X14\") 3 COMP SINK	47 X 2=98
(16\"X16\"X14\") 1 COMP SINK	15X2 = 30
24\"X24\"X6\" PRE RINSE	15
4(12\"X12\"X4\") HAND SINK	10
24\"X24\"X8\" MOP SINK	20
8 F.D. (T.D.)	48
TOTAL	251

THEREFORE, MIN. GREASE TRAP REQUIREMENT: 251X60% OR 150 GPM LIQUID HOLDING CAPACITY
 THEREFORE, PICK BACK OUTSIDE 1000 GALLON LIQUID HOLDING CAPACITY AS PER ILLINOIS PLUMBING CODE, 890.510

PLUMBING FIXTURE SCHEDULE

*ALL EQUIPMENT ARE TO BE INDIRECTLY DRAINED EXCEPT HAND SINKS AND MOP SINK

FIXTURE	MANUFACTURER	TYPE	MODEL	DESCRIPTION	PIPE SIZES					REMARK
					TRAP	WASTE	VENT	C.W.	H.W.	
WC	AMER STAND	CADET 17\"H EL 16/PA	3042.109 4086.800	P.A. FLUSH TANK 1.69 GPF	3\"	2\"	3/4\"			17\" HIGH ELONGATED BOWL; TANK W/RIGHT HAND FLUSH
URINAL	KOHLER	FLUSH VALVE	K-5016-T	FLUSH VALVE 1.0 GPF	2\"	2\"	3/4\"			
LAV	AMER STAND	LUCERNE	0355.012	SYMMONS 8-60-G-H (ADA)	1 1/4\"	2\"	2\"	1/2\"	1/2\"	MTG. RIM 34\" AFF HOT WATER SUPPLIED TO LAVATORY FIXTURES SHALL BETWEEN 85F TO 109F.
HS	ADVANCE	HAND SINK	HSA-10-F-LRS	FAUCET & DRAIN INCL.	1 1/4\"	2\"	2\"	1/2\"	1/2\"	
FOOD PREP. SINK	EAGLE	FOOD PREP. SINK	414-22-1	FAUCET, DRAIN, & FLOW CONTROLS	1 1/2\"	2\"	2\"	3/4\"	3/4\"	
1-COMP.	EAGLE	1-COMP. SINK	414-22-1-24 R OR L	FAUCET, DRAIN, & FLOW CONTROLS	1 1/2\"	2\"	2\"	3/4\"	3/4\"	
2-COMP.	EAGLE	2-COMP. SINK	414-22-2	FAUCET, DRAIN, & FLOW CONTROLS	1 1/2\"	2\"	2\"	3/4\"	3/4\"	
3-COMP.	EAGLE	3-COMP. SINK	414-22-3-24 R & L	FAUCET, DRAIN, & FLOW CONTROLS	1 1/2\"	3\"	2\"	3/4\"	3/4\"	
DISH WASHER	BLAKESLEE	DOOR TYPE	R-CC-64	DRAIN	2\"	3\"	2\"		1/2\"	
PRE-WASH SINK	EAGLE	SPRAY SINK	SRWU10-14-5-1	FAUCET & DRAIN INCL.	2\"	3\"	2\"	1/2\"	1/2\"	
WS	WIN SUPPLY	WOK SINK	14\" X 14\" X 10\"	FAUCET, DRAIN, & FLOW CONTROLS	2\"	3\"	2\"	1/2\"	1/2\"	
CO	J.RSMITH	CLEAN OUT	4710-U			3\"				
FD	J.RSMITH	FLOOR DRAIN	2210-U		1 1/4\"	2\"				BRONZE
FS	HOSAM	FLOOR SINK	49300-4			3\"				CAST IRON



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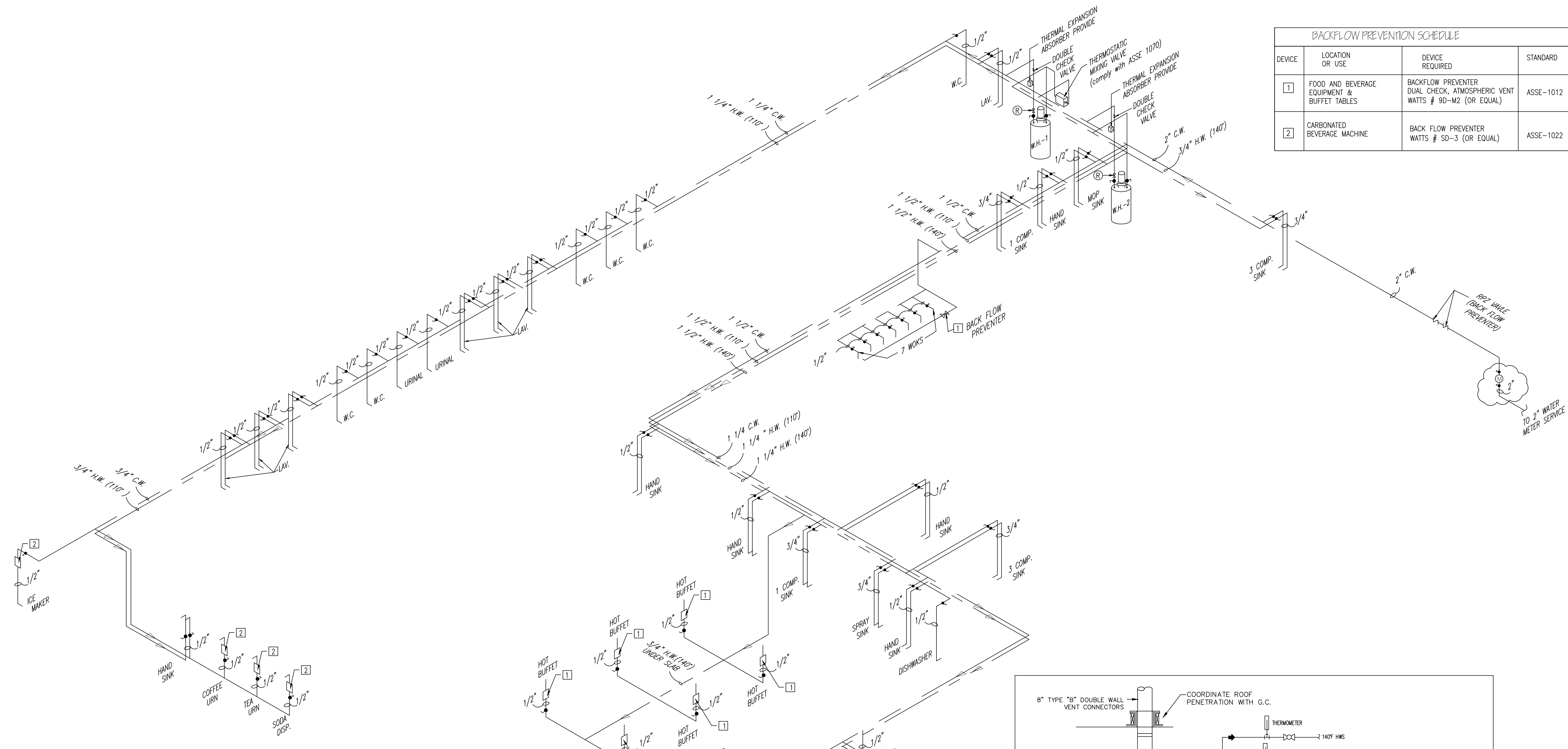
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FEAST BUFFET
 EXTERIOR & INTERIOR REMODELING
 4232 N BRANDYWINE DRIVE PEORIA ILLINOIS 61614

ISSUES	DATE
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REISSUED FOR PERMIT	08/18/2022
REISSUED FOR PERMIT	09/12/2022

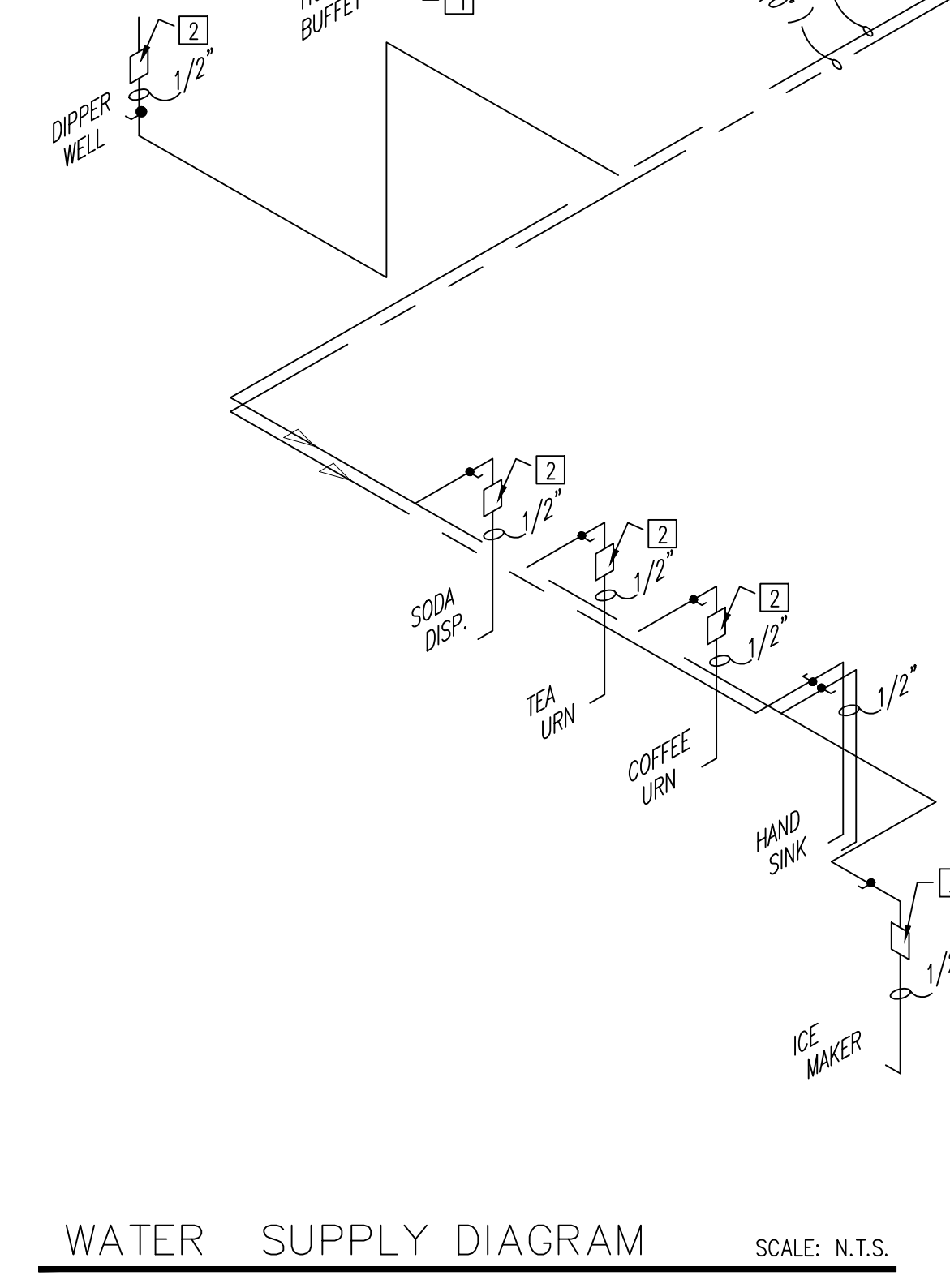


PLUMBING
 WASTE DIAGRAM

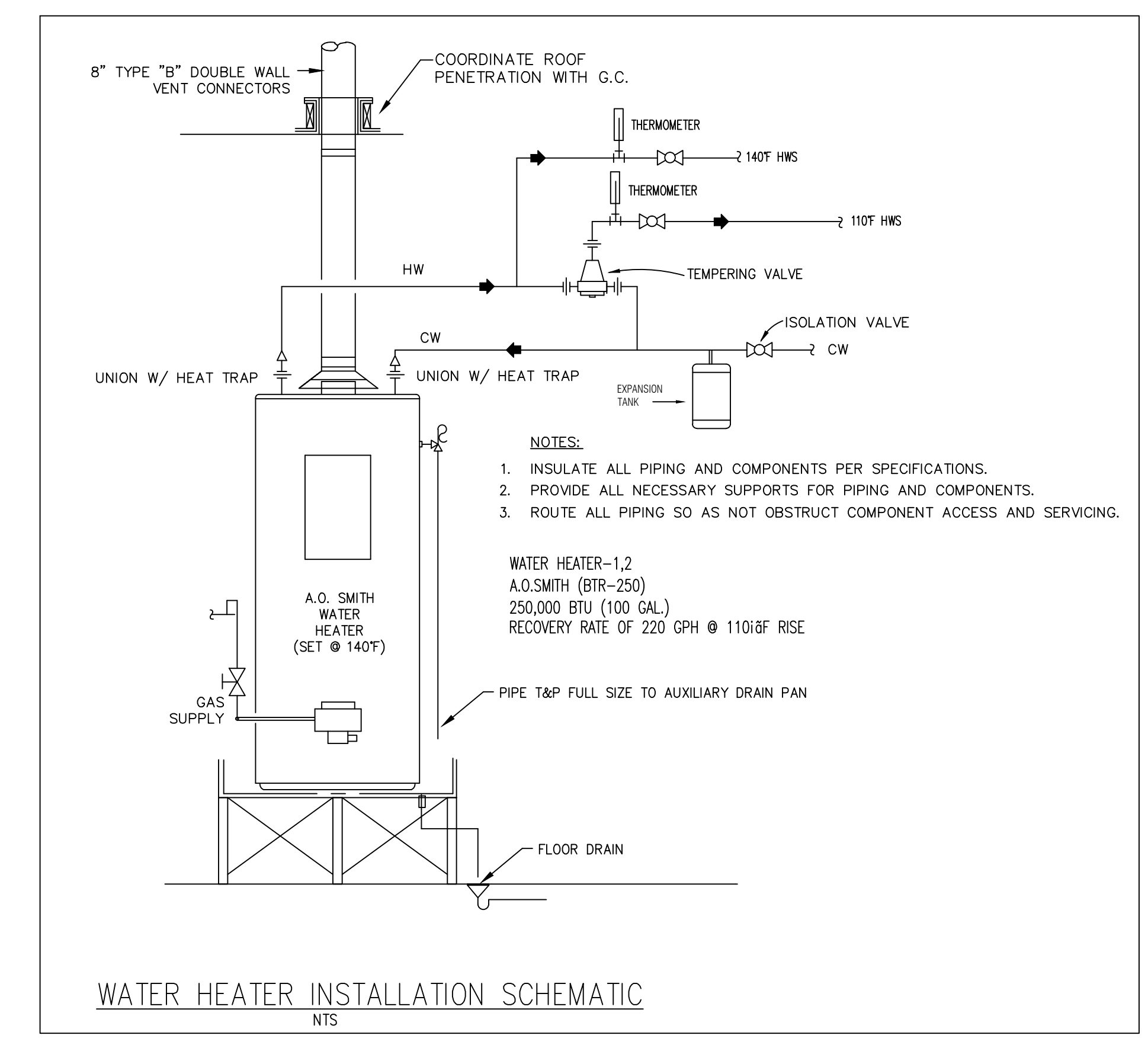


BACKFLOW PREVENTION SCHEDULE			
DEVICE	LOCATION OR USE	DEVICE REQUIRED	STANDARD
1	FOOD AND BEVERAGE EQUIPMENT & BUFFET TABLES	BACKFLOW PREVENTER DUAL CHECK, ATMOSPHERIC VENT WATTS # 90-M2 (OR EQUAL)	ASSE-1012
2	CARBONATED BEVERAGE MACHINE	BACK FLOW PREVENTER WATTS # SD-3 (OR EQUAL)	ASSE-1022

WATER SUPPLY FIXTURE UNITS CALCULATION					
Fixture	Type of Supply Control	Number of Fixtures	Load Values in Water (Supply Fixture Units)		
			Cold	Hot	Total
Water Closet	Flush Tank	7	3	--	21
Urinal	FLUSH TANK	2	3	--	6
Lavatory	Faucet	8	1	1	16
Hand Sink	Faucet	8	1	1	16
3 COMP Sink	Faucet	4	3	3	16
Dish Washer	Automatic	2	3	3	8
PRE RINSE	Faucet	1	3	3	4
MOP SINK	Faucet	1	3	3	4
Ice Maker	3/8" Valve	2	3	--	6
Tea Urn	3/8" Valve	2	3	--	6
Soda Disp.	3/8" Valve	2	3	--	6
Hot Buffet Table	3/8" Valve	6	1	--	6
Dipper Well	3/8" Valve	1	3	--	3
Woks	Faucet	1	3	--	3
Sub Total:					121
TOTAL W.S.F.U.: 121 DEMAND (GPM): 57 PIPE SIZE REQUIRED: 2" (2" PROVIDED) METER SIZE REQUIRED: 2" (2" PROVIDED)					



WATER SUPPLY DIAGRAM SCALE: N.T.S.



WATER HEATER INSTALLATION SCHEMATIC N.T.S.

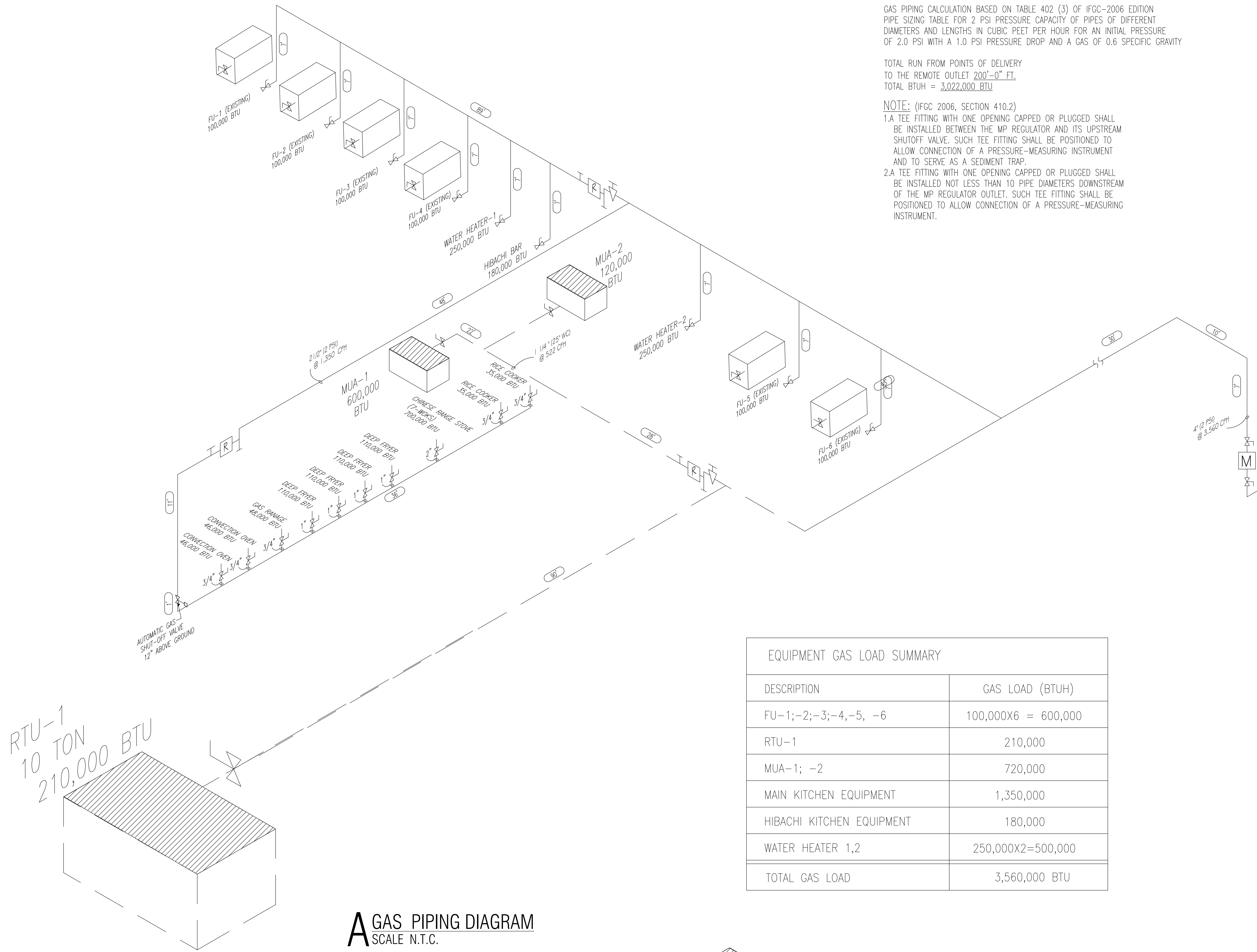
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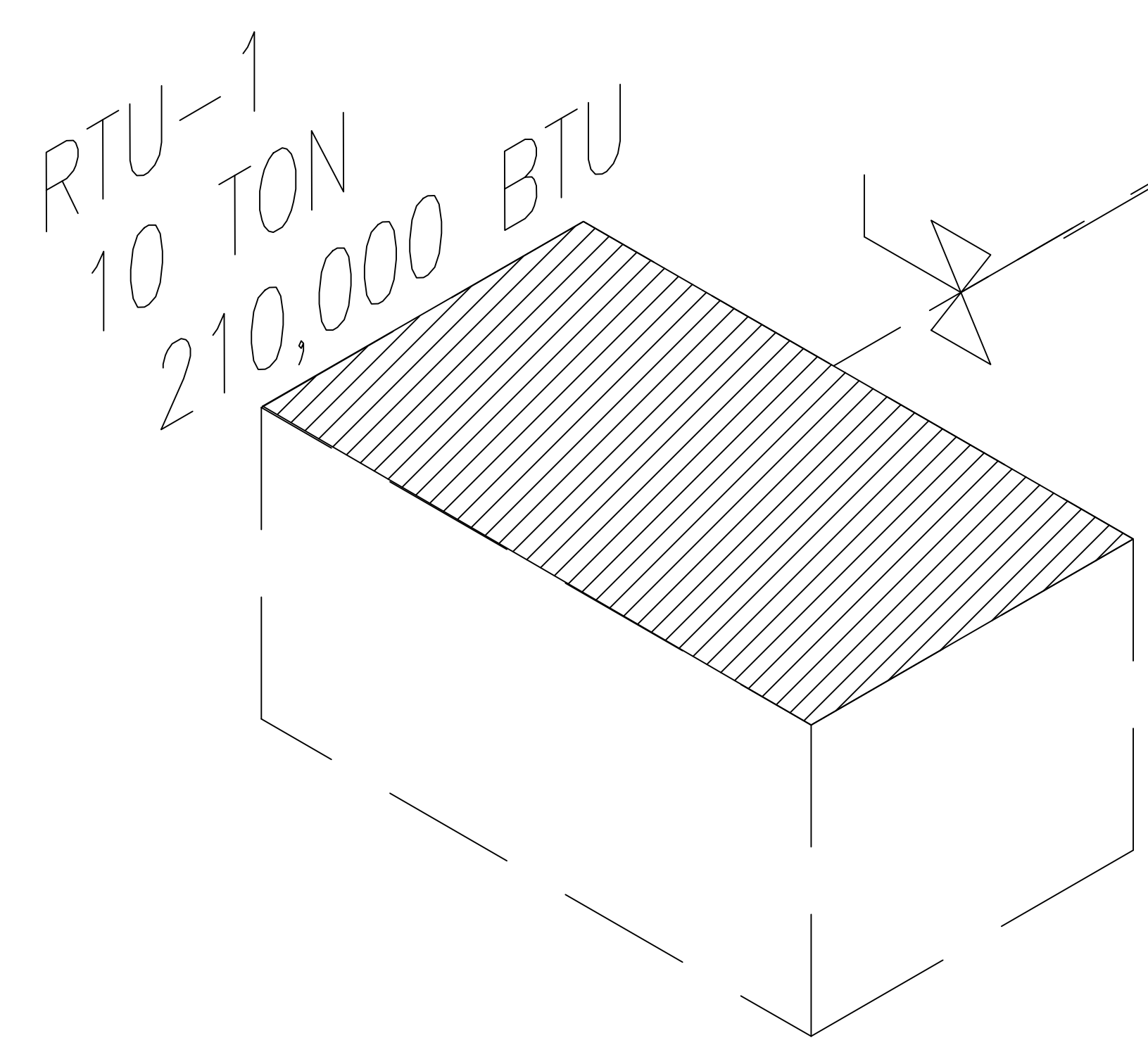
PLUMBING
WATER SUPPLY
DIAGRAM
SHEET NUMBER



GAS PIPING CALCULATION BASED ON TABLE 402 (3) OF IFGC-2006 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 200'-0" FT.
 TOTAL BTUH = 3,022,000 BTUH

- NOTE: (IFGC 2006, SECTION 410.2)
- 1.A TEE FITTING WITH ONE OPENING CAPPED OR PLUGGED SHALL BE INSTALLED BETWEEN THE MP REGULATOR AND ITS UPSTREAM SHUTOFF VALVE. SUCH TEE FITTING SHALL BE POSITIONED TO ALLOW CONNECTION OF A PRESSURE-MEASURING INSTRUMENT AND TO SERVE AS A SEDIMENT TRAP.
 - 2.A TEE FITTING WITH ONE OPENING CAPPED OR PLUGGED SHALL BE INSTALLED NOT LESS THAN 10 PIPE DIAMETERS DOWNSTREAM OF THE MP REGULATOR OUTLET. SUCH TEE FITTING SHALL BE POSITIONED TO ALLOW CONNECTION OF A PRESSURE-MEASURING INSTRUMENT.



A GAS PIPING DIAGRAM
 SCALE N.T.C.

EQUIPMENT GAS LOAD SUMMARY	
DESCRIPTION	GAS LOAD (BTUH)
FU-1;-2;-3;-4,-5, -6	100,000X6 = 600,000
RTU-1	210,000
MUA-1; -2	720,000
MAIN KITCHEN EQUIPMENT	1,350,000
HIBACHI KITCHEN EQUIPMENT	180,000
WATER HEATER 1,2	250,000X2=500,000
TOTAL GAS LOAD	3,560,000 BTUH



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GAS PIPING
 PLAN & NOTES