TENANT FINISH WORK FOR GALAXY LIQUOR STORE

150 NE TUDOR LEE'S SUMMIT, MISSOURI 64086

NOTES - 2018 IBC REVIEW

AREA	ROOM NAME	OCCUPANCY TYPE	AREA SIZE (S.F.)	OCCUPANTS/AREA REQ'D.	# OF OCCUPANTS	EGRESS SIZE REQ'D.	EGRESS PROVIDED.	TOILET FIXTURES REQ'D.	TOILET FIXTURES PROVIDED	
	CASHIER (100)	MERCANTILE STORAGE, STOCK, SHIPPING	253	300 S.F./	1	0.2' OR 1 EXIT	1 EXIT (OCC (49)	OCCUPANCY (100 - MERCANTILE SEPERATED FACILITIES NOT REQ'D.	TOILET-1 WC 1 LAV 1 SERVICE SINK DRINKING FOUNTAIN (DF)*	
	SALES (101)	MERCANTILE	2,071	60 S.F./	46	9.0 OR 1 EXIT	1 EXITS (OCC (49)	1 WC /500 OCC. 1 LAV/750 OCC. 1 DF/1,000 OCC		
STORE	UTILITY/STORAGE AREAS (102)	MERCANTILE STORAGE, 197 300 S.F./ 1 0.2° OR 1 EXIT 1 EXITS (OCC (49)								
LIQUOR S	TOILET (103)	N/A	-	-	-	-	-			
음	BEVERAGE COOLER A	MERCANTILE STORAGE, STOCK, SHIPPING	332	300 S.F./	1	0.2" OR 1 EXIT	1 EXIT			
	BEER CAVE (105)	MERCANTILE	170	60 S.F./	3	0.6' OR 1 EXIT	1 EXIT			
	BEVERAGE COOLER B (106)	MERCANTILE STORAGE, STOCK, SHIPPING	241	300 S.F./	1	0.2° OR 1 EXIT	1 ЕХІТ			
	OFFICE (107)	BUSINESS (GENERAL OFFICE GROSS)	44	150 S.F./	1	0.2° OR 1 EXIT				
	TOTAL				54	10.8° OR 1 EXIT	2 EXITS (OCC) 49)			

ROOMS C

OCCUPANT LOADS USED TABLE 1004.5 FLOOR AREA ALLOWANCE (S.F. PER OCCUPANT)

BUSINESS (GENERAL OFFICE GROSS) - 150 MERCANTILE - GRADE FLOORS - 60 GROSS MISC. STORAGE - 300 KITCHEN, COMMERCIAL - 200 GROSS

INTERIOR WALL/CEILING FINISHES CLASSIFICATION - TABLE 803.9 SPRINKLERED OCCUPANCY M CORRIDORS C

MAXIMUM AREA OF EXTERIOR WALL OPENINGS - TABLE 705.8 FIRE SEPARATION IS 30 FT. OR GREATER, NO LIMIT OF ALLOWABLE AREA. BUILDING CONSTRUCTION TYPE - NEW BLDG FIRE RESISTANCE RATING REQUIREMENTS TABLE 601

PRIMARY STRUCTURAL FRAME 0 BEARING WALLS INTER/EXT. NON BEARING WALLS ROOF CONSTRUCTION

FIRE RESISTANCE EXTERIOR WALLS - TABLE 602 FIRE SEPARATION DISTANCE IS GREATER THAN 30 FT. FIRE RESISTANCE NOT REQUIRED.

SHOULD THE ENCLOSURE EXIT CAPACITY EXCEED OCCUPANT LOAD OF 49 BASED ON AREA/OCCUPANT LOAD CALCULATION, PER TABLE 1015.1 TWO EXITS REQUIRED.

COMMON PATH OF TRAVEL TABLE 1014.3 M - WITHOUT SPRINKLER SYSTEM 75FT.

ALLOWABLE DISTANCE TO EXIT TABLE 1016.2 M - WITHOUT SPRINKLER SYSTEM 200 FEET

SECTION 508 MIXED USE AND OCCUPANCY NON SEPARATED OCCUPANCY USED SECTION 508.3 EXCEPT MOST RESTRICTIVE REQUIREMENTS OF CHAPTER 9 SHALL APPLY TO THE TOTAL

FIRE EXTINGUISHERS REQUIRED - SECTION 906.1 PER TABLE 906.3(1) MAX. FLOOR AREA = 2,082 S.F. ORDINARY HAZARD - MAX. 75' TO F.E. MANUAL FIRE ALARM NOT REQUIRED - SECTION 907.2.4 BUILDING IS ONE STORY

NO OCCUPANT LOAD OF 500 ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE

WHERE RESTAURANTS OR OTHER BUSINESSES SERVING TAKE-OUT FOOD OR DRINKS PROVIDE DRINKING WATER IN A CONTAINER FREE OF CHARGE, DRINKING FOUNTAINS SHALL NOT BE REQUIRED IN THOSE RESTAURANTS OR THOSE OTHER BUSINESSES SERVING TAKE-OUT FOOD OR DRINKS.

NOTES - 2018 IPC REVIEW

PLUMBING FIXTURE COUNT - IPC 2018 CHAPTER 4 SEE TABLE FOR ACTUAL NUMBERS FOR THIS PROJECT

NUMBER FIXTURES REQUIRED BY OCCUPANT LOAD TOTAL BASED ON OCCUPANCY TYPE

M OCC. LOAD - 1 TOILET PER 500 1 LAV PER 750 -DRINKING FOUNTAINS - 1 PER 1,000 OCC. 1 SERVICE SINK

- CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, ELEVATIONS AND DETAILS SHOWN ON DRAWINGS WITH EXISTING FIELD CONDITIONS. CONDITIONS FOUND WHICH WILL PREVENT ACCOMPLISHMENT OF INTENT SHOWN ON DRAWINGS SHALL BE BROUGHT TO IMMEDIATE ATTENTION OF THE ARCHITECT FOR DETERMINATION PRIOR TO COMMENCING SAID WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF AND CONSEQUENT REPAIR OR REPLACEMENT OF DAMAGES TO PAVING AREAS, CONCRETE WALKS, THE EXISTING BUILDING, LANDSCAPING, OWNER'S PERSONAL ITEMS, ETC., DUE TO WORK REQUIRED IN THIS CONTRACT.
- 4. ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING CODES AND THE STATE OF KANSAS MUNICIPAL CODES.
- 5. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER.
- 7. CONTRACTOR SHALL CONTAIN ALL EXTERIOR CONSTRUCTION ACTIVITY WITHIN A REASONABLE REQUIRED FOR THE SAFETY AND SECURITY OF THE OWNER AND THE CONTENTS OF THE BUILDING.
- CONSTRUCTION CHANGES. CONTRACTOR SHALL INSTALL DUST PROTECTION TO COMPLETELY ISOLATE THE AREAS OF CONSTRUCTION FROM THE OTHER AREAS WHERE WORK IS NOT BEING PERFORMED. INSTALL DUST PROTECTION IN FRONT OF ALL OPENINGS IN EXISTING PARTITIONS/FLOORS INCLUDING SUPPLY +
- 9. CONTRACTOR SHALL KEEP ALL AREAS CLEAN OF CONSTRUCTION DEBRIS. PROPERLY DISPOSE OF CONSTRUCTION DEBRIS AT THE END OF EACH DAY.
- 12. WHERE A CONDITION IS NOTED "TYPICAL" (TYP.) IT IS UNDERSTOOD THAT ALL SIMILAR
- CONDITIONS BE CONSTRUCTED OF THE SAME MATERIALS AND/OR DIMENSIONS. 13. WHERE A CONDITION EXISTS ON THE DRAWINGS THAT ARE CONFLICTING, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ORDERING MATERIALS OR COMMENCING CONSTRUCTION OF THE AFFECTED AREAS OF THE CONFLICT. SHOULD THE ARCHITECT NOT BE NOTIFIED OF SUCH CONFLICTS, THE ARCHITECT WILL BE HELD HARMLESS OF ANY CLAIMS ARISING FROM SUCH CONFLICTS.

CP-2 ZONE

CONTACT INFORMATION:

ARCHITECTS: DBL ARCHITECTURE, INC.

DANA BLAY - 913-206-6060

VICINITY MAP



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AC COVER SHEET

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AC2 SITE UTILITIES PLAN

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A2 DOOR + WINDOW DETAILS + SCHEDULES

A3 ADA DETAILS

A4 TYPICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

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A10 CODE SPECIFICATIONS

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HVAC SCHEDULES

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PLUMBING

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P2 PLUMBING RISERS + SPECIFICATIONS

ZONING ANALYSIS LEE'S SUMMIT. MISSOURI

LEGAL DESCRIPTION

REFER TO SURVEY

CODE ANALYSIS

BUILDING CODE	2018 IBC
MECHANICAL CODE	2018 IMC
PLUMBING CODE	2018 IPC
ELECTRICAL CODE	2017 NEC
FIRE CODE	2018 IFC
FUEL GAS CODE	2018 IFGC
ADA CODE	ICC/ANSI A117.1-2010

TOTAL PROJECT AREA 4.254 S.F. TOTAL NEW PROJECT AREA OCCUPANCY GROUP M - MERCANTILE

OCCUPANCY - SEE CHART ABOVE

5B TYPE OF CONSTRUCTION

GENERAL NOTES: (PERTAINS TO ALL SHEETS)

- 3. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVAL OF APPROPRIATE
- GOVERNING AUTHORITIES BEFORE BEGINNING WORK AT SITE.
- 6. CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO THE BUILDING FOR THE OWNER AT ALL TIMES.
- AREA. CONTRACTOR SHALL INSTALL TEMPORARY BARRICADES ALONG THE LINE OF CONSTRUCTION AS
- 8. CONTRACTOR SHALL CONTAIN ALL INTERIOR CONSTRUCTION ACTIVITY WITHIN THE AREAS OF THE RETURN GRILLS, ETC. TO PREVENT DUST OR FOREIGN OBJECTS FROM ENTERING THE OPENING.
- 10. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDED AS ONE UNIT. SHOULD A CONFLICT OCCUR, THE ARCHITECT WILL DETERMINE THE INTENT OF THE DOCUMENTS TO PROVIDE THE OWNER WITH A COMPLETE PROJECT.
- 11. PROTECT ALL EXISTING WALL + FLOOR MOUNTED FIXTURES TO REMAIN.

CONTRACT INITIATION June 20, 2025

Lee's Summit, Missouri 64086

GALAXY LIQUORS

150 NE Tudor Rd.

AS-BUILD MEASURING COMPLETE

7-24-25

DBL ARCHITECTURE + INC.

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6/20/25 CONDITIONAL USE SUBMIT

6/23/25 FINAL SITE PLAN SUBMIT/RESUBMI

OWNER'S DESIGN REVIEW

PLANS PERMIT SUBMIT 7/24/25

PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

REVISED PER CITY REVISED PER OWNER

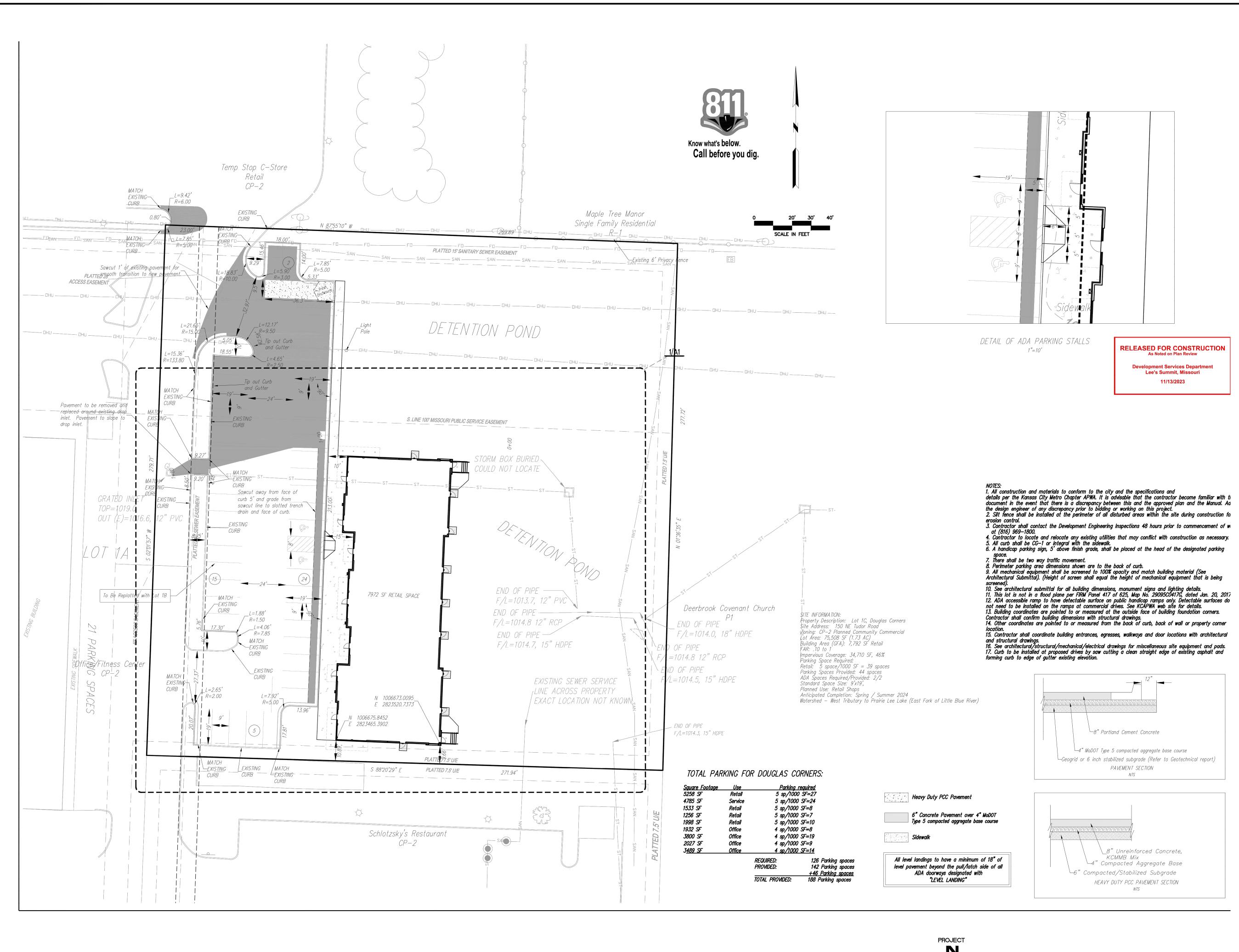
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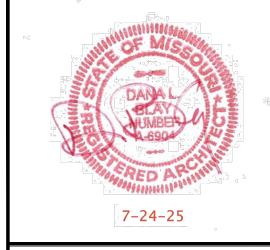
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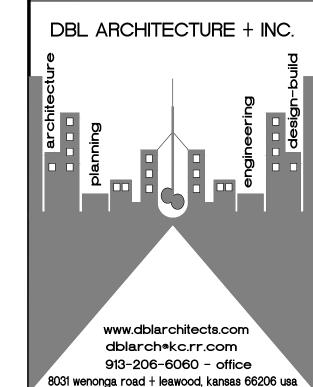
PROJECT NUMBER

062025

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RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Lee's Summit, Missouri

11/13/2023

8" Portland Cement Concrete

└─4" MoDOT Type 5 compacted aggregate base course

PAVEMENT SECTION

NTS

Geogrid or 6 inch stabilized subgrade (Refer to Geotechnical report)

\ 8" Unreinforced Concrete,

`-4" Compacted Aggregate Base

HEAVY DUTY PCC PAVEMENT SECTION NTS

KCMMB Mix

└-6" Compacted/Stabilized Subgrade

evelopment Services Department

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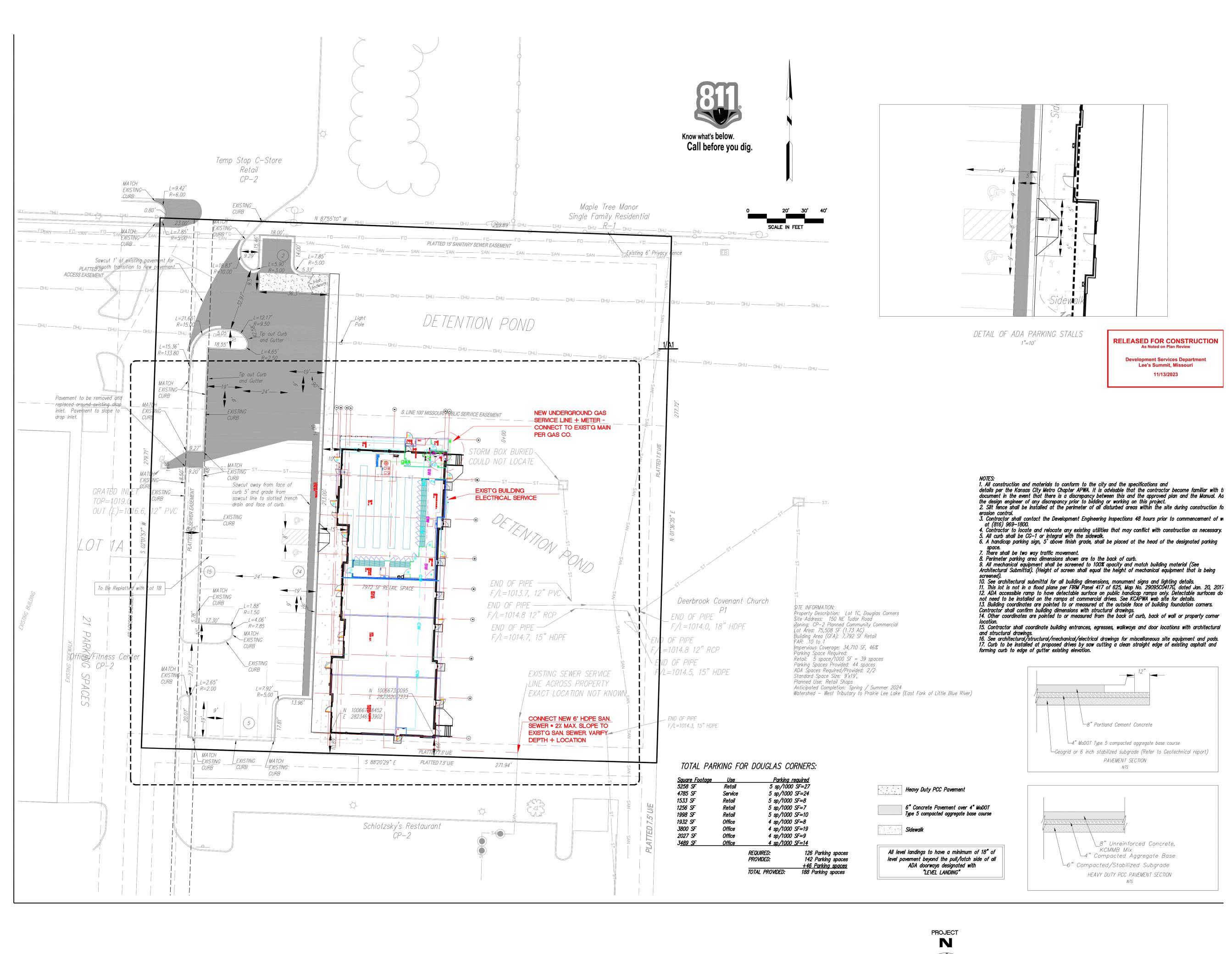
APPROVED SITE PLAN

SHEET NO.:

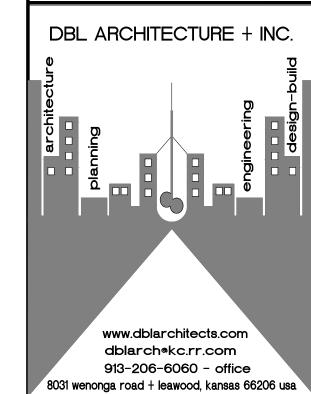
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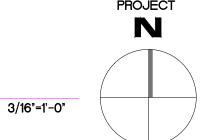
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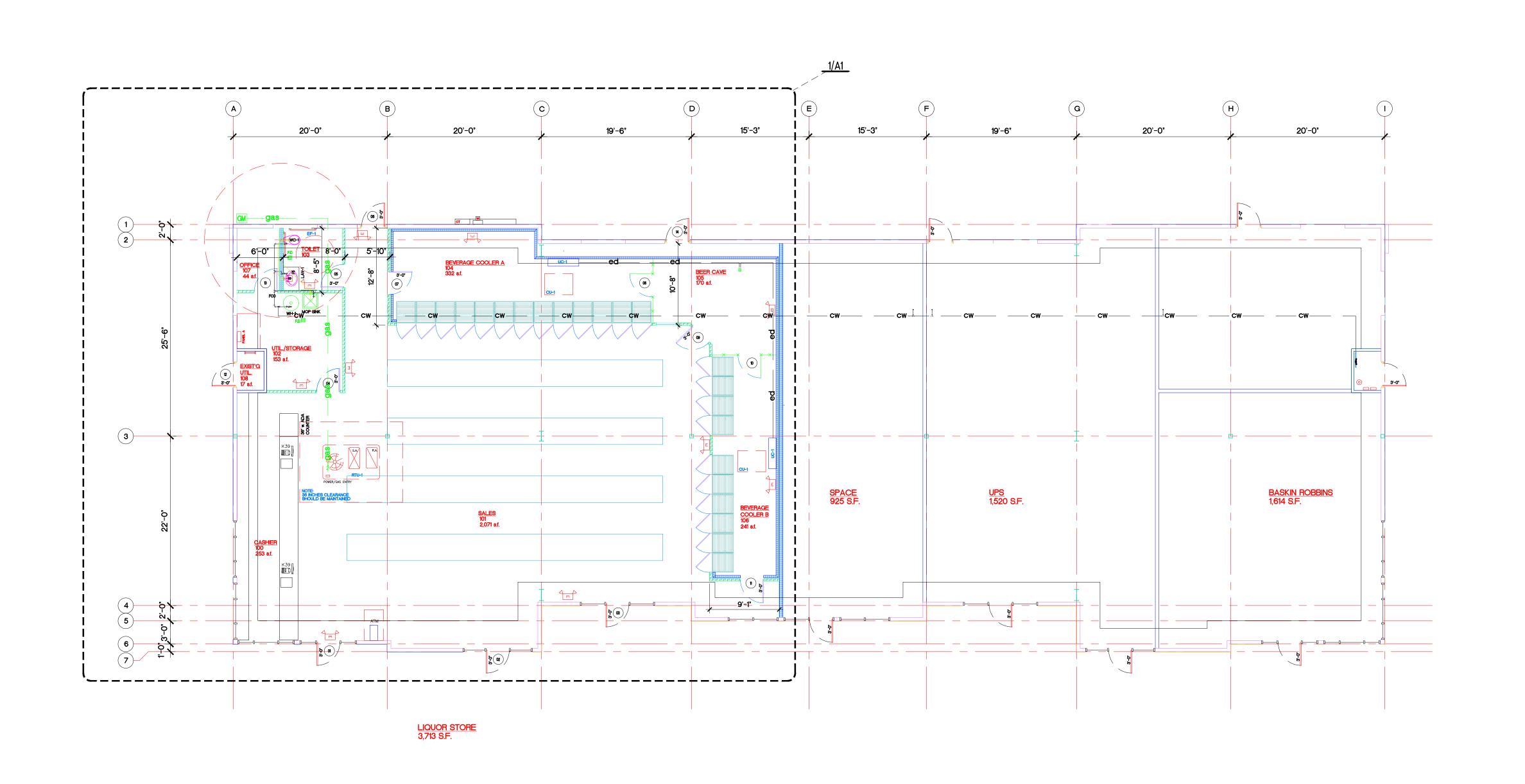
SITE UTILIES PLAN

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PROJECT NUMBER : 062025

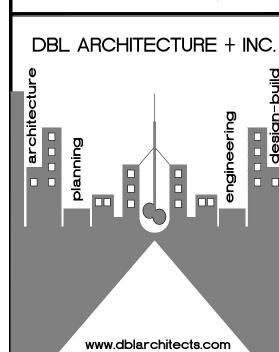
SITE UTILITY PLAN





1 OVERALL FIRST FLOOR PLAN





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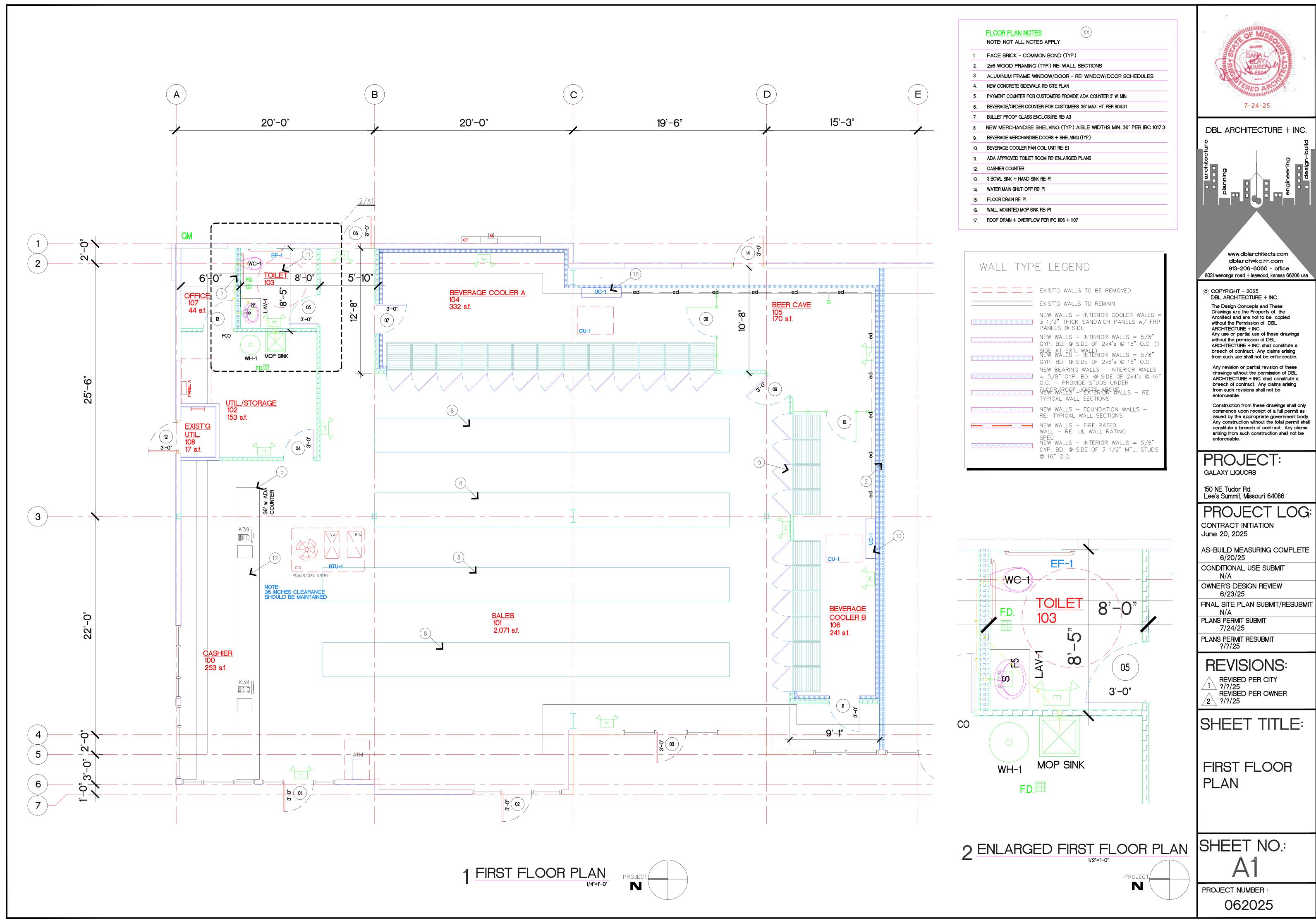
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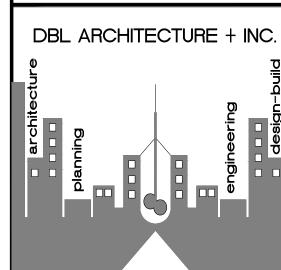
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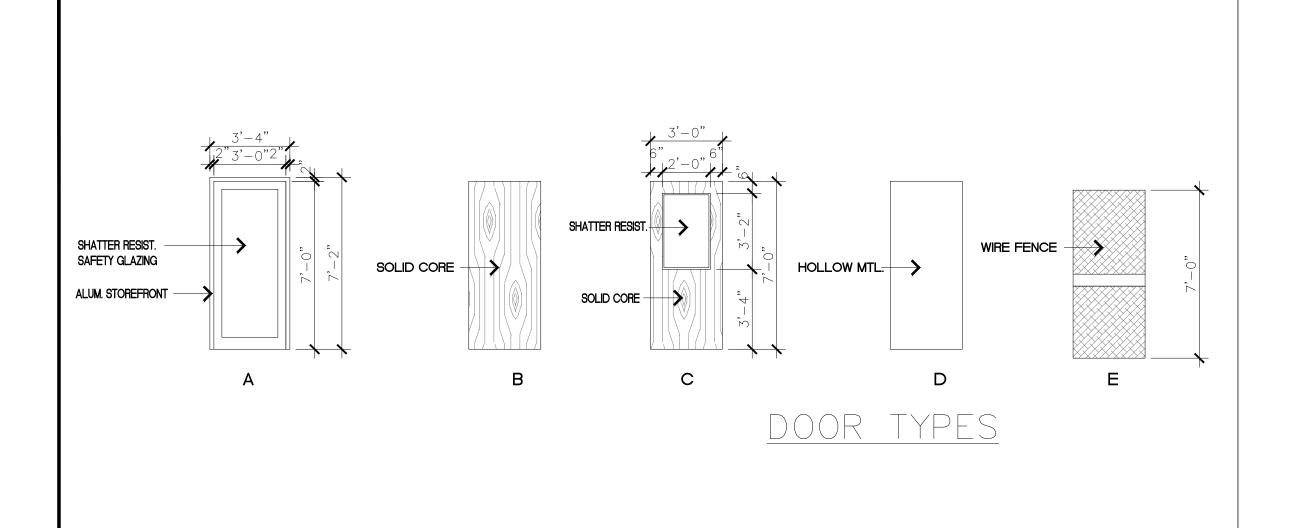
OVERALL FIRST FLOOR PLAN

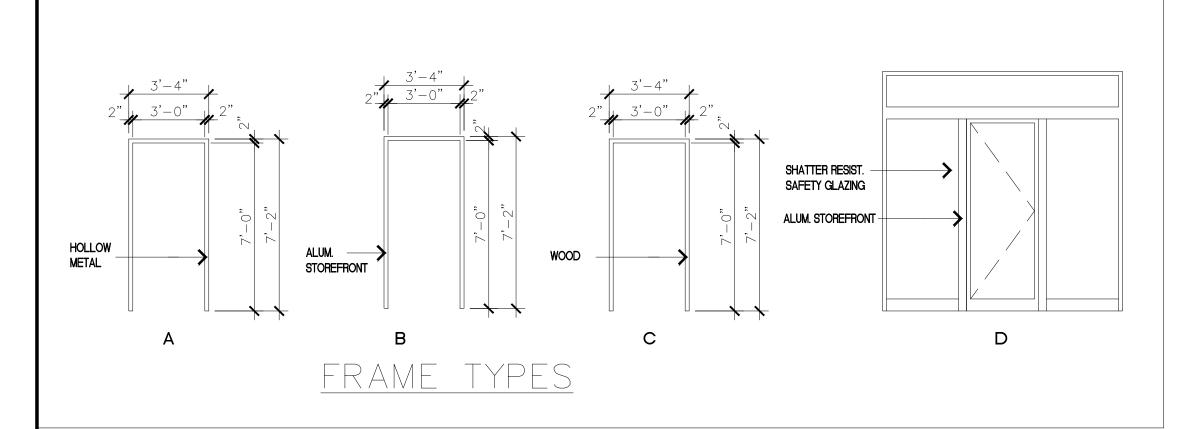
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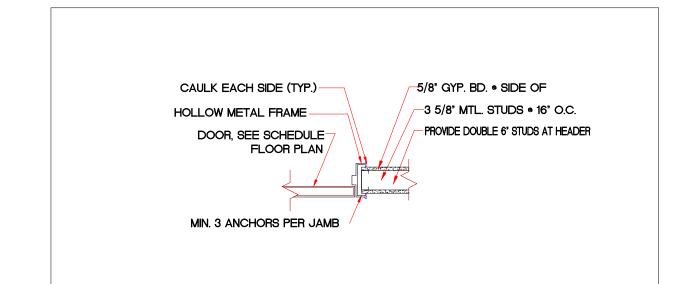












						DOOR SCH	HEDULE						
NUMBER	TYPE	MATL	SIZE	RATING	HARDWARE	FRAME TYPE	FRAME MATL	JAMB	HEAD	SILL	DOOR PAINT	FRAME PAINT	REMARKS
D01	Α	ALUM	EXIST'G	_	2	EXIST'G	ALUM.				_	_	NOTE #1
D02	Α	ALUM	EXIST'G	_	2	EXIST'G	ALUM.				_	_	NOTE #2
D03	Α	ALUM	EXIST'G	_	2	EXIST'G	ALUM.				_	_	NOTE #2
D04	В	S.C.	3'-0"x7'-0"	_	8	Α	H.M.	1/A5	2/A5		1, 3	1	
D05	В	S.C.	3'-0"x7'-0"	-	5	Α	H.M.	1/A5	2/A5		1, 3	1	
D06	D	I.M.	3'-0"x7'-0"	-	9	Α	H.M.	1/A5	2/A5		1, 2, 4	1	NOTE #3
D07	D	I.M.	3'-0"x7'-0"	_	MFG	MFG	MFG.	_	_		-	_	
D08	E	WIRE	3'-0"x7'-0"	-	8	Α	H.M.				_	1	
D09	Α	ALUM	3'-0"x7'-0"	-	4	В	ALUM.				-	_	
D10	E	WIRE	3'-0"x7'-0"	-	8	Α	H.M.				_	1	
D11	D	I.M.	3'-0"x7'-0"	-	MFG	MFG	MFG.	-	-		-	_	
D12	EXIST	EXIST	EXIST'G	-	EXIST'G	EXIST'G	EXIST'G	_	-		-	_	
D13	В	S.C.	3'-0"x7'-0"	_	8	Α	H.M.	1/A5	2/A5		1, 3	1	

PAINT #1 METAL TRIM COLOR - BO

S.C. = SOLID CORE

• PAINT #3 WOOD DOOR FINISH - 2 COATS SATIN LOW OR ZERO VOA POLYETHALENE

PAINT #2 INTERIOR METAL DOOR COLOR-BO

H.M. = HOLLOW METAL

 PAINT #4 EXTERIOR METAL DOOR COLOR - BO I.M. = INSULATED METAL

DOOR HARDWARE: ALL HANDLES TO BE ADA LEVER TYPE w/ BRUSHED ALUM. FIN.(SEE BELOW)

SET #1 - DEADBOLT, SWEEP, CLOSERS, WEATHERSTRIP, THRESHOLD, PUSH/PULLS, ASTRAGAL LOCKS

SET #2 - DEADBOLT, SWEEP, CLOSER, PUSH/PULL, WEATHERSTRIP, THRESHOLD SET #3 - CLOSER, AB-ENTRY, THRESHOLD, SWEEP, WEATHERSTRIP, DEADBOLT

SET #4 - CLOSER, N-PASSAGE, KICKPLATES

SET #5 - CLOSER, L-PRIVACY (w/ EMERGENCY UNLOCK), KICKPLATE

MFG. = BY MANUFACTURER BA = BY OWNER

SET #6 - CLOSER, AB-ENTRY, DEADBOLT, WEATHERSTRIPPING, SWEEP

SET #7 - CLOSER, N-PASSAGE, DEADBOLT, KICKPLATE

SET #8 - CLOSER, D-STOREROOM SET #9 - EMERGENCY PUSH-BAR, THRESHOLD, CLOSER, WEATHERSTRIP,

SWEEP, DEADBOLT

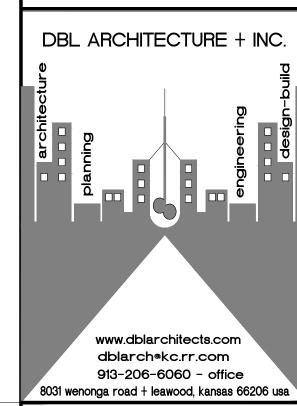
NOTE 1: PROVIDE SIGN SAYING THIS DOOR TO BE UNLOCKED WHEN BUILDING IS OCCUPIED + AN OPEN/CLOSED DOOR HARDWARE INDICATOR

NOTE 2: PROVIDE SIGN SAYING THIS DOOR IS LOCKED AND NOT AN EXIT NOTE 3: PROVIDE SIGN SAYING THIS DOOR IS FOR EMERGENCY USE ONLY. ALARM WILL SOUND IF OPENED.

NOTE: #1 - USE LOW OR ZERO VOC MATERIALS

NOTE: #2 - ALL FINISHES SHALL MEET CLASS B RATING





				HOO	M FINISH	SCHEDU	□ NOTE: #1 +	#2		
MOOF	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CEILING	REMARKS
NUM.	TIOON NAME	1 EOON	BAGE	NORTH	SOUTH	EAST	WEST	OLILING	HEIGHT	I ILIVIAI II.O
				BUIL	DING - FIF	RST FLO	OR			
100	CASHIER	CFS	VINYL COVE #1	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	OPEN TRUSSES ABOVE	EXIST'G	
101	SALES	CFS	VINYL COVE #1	PAINT #1 GYP. BD.	PAINT #1 GYP. BD.	PAINT #1 GYP. BD.	PAINT #1 GYP. BD.	OPEN TRUSSES ABOVE	EXIST'G	
102	STORAGE/UTIL.	CFS	VINYL COVE #1	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	OPEN TRUSSES ABOVE	EXIST'G	
103	TOILET	CFS	VINYL COVE #1	FRP	FRP	FRP	FRP	GYP. BD. CEIL'G	9'-0"	FLOOR TO WALL BASE TO BE NON-ABSORBENT PER IBC 1210
104	BEVERAGE COOLER A	CFS	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	
105	BEER CAVE	CFS	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	
106	BEVERAGE COOLER B	CFS	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	PER MFG.	
107	OFFICE	CFS	VINYL COVE #1	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	OPEN TRUSSES ABOVE	EXIST'G	
108	EXIST'G UTILITIES	CFS	VINYL COVE #1	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	PAINT #2 GYP. BD.	ACOUST. CEIL'G	EXIST'G	

PAINT #1-SHERWIN WILLIAMS-HARMONY-SATIN, COLOR = PER OWNER PAINT #2-SHERWIN WILLIAMS-HARMONY-SEMI-GLOSS, COLOR = PER OWNER PAINT #3-SHERWIN WILLIAMS-HARMONY-FLAT,COLOR = PER OWNER PAINT #4-SHERWIN WILLIAMS-HARMONY-SATIN, COLOR = PER OWNER

PAINT #5-SHERWIN WILLIAMS-HARMONY-SATIN, COLOR = PER OWNER

FRP - WASHABLE WALL PANELS

CFS - CONC. FLOOR STAIN = H+C INFUSION - COLOR BY OWNER -2 COATS w/ 3 COATS OF WATER BASED SEALER

4" VINYL COVE #1 = COLOR BY OWNER

4" VINYL COVE #2 = COLOR BY OWNER CT = CERAMIC TILE

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7/24/25 PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

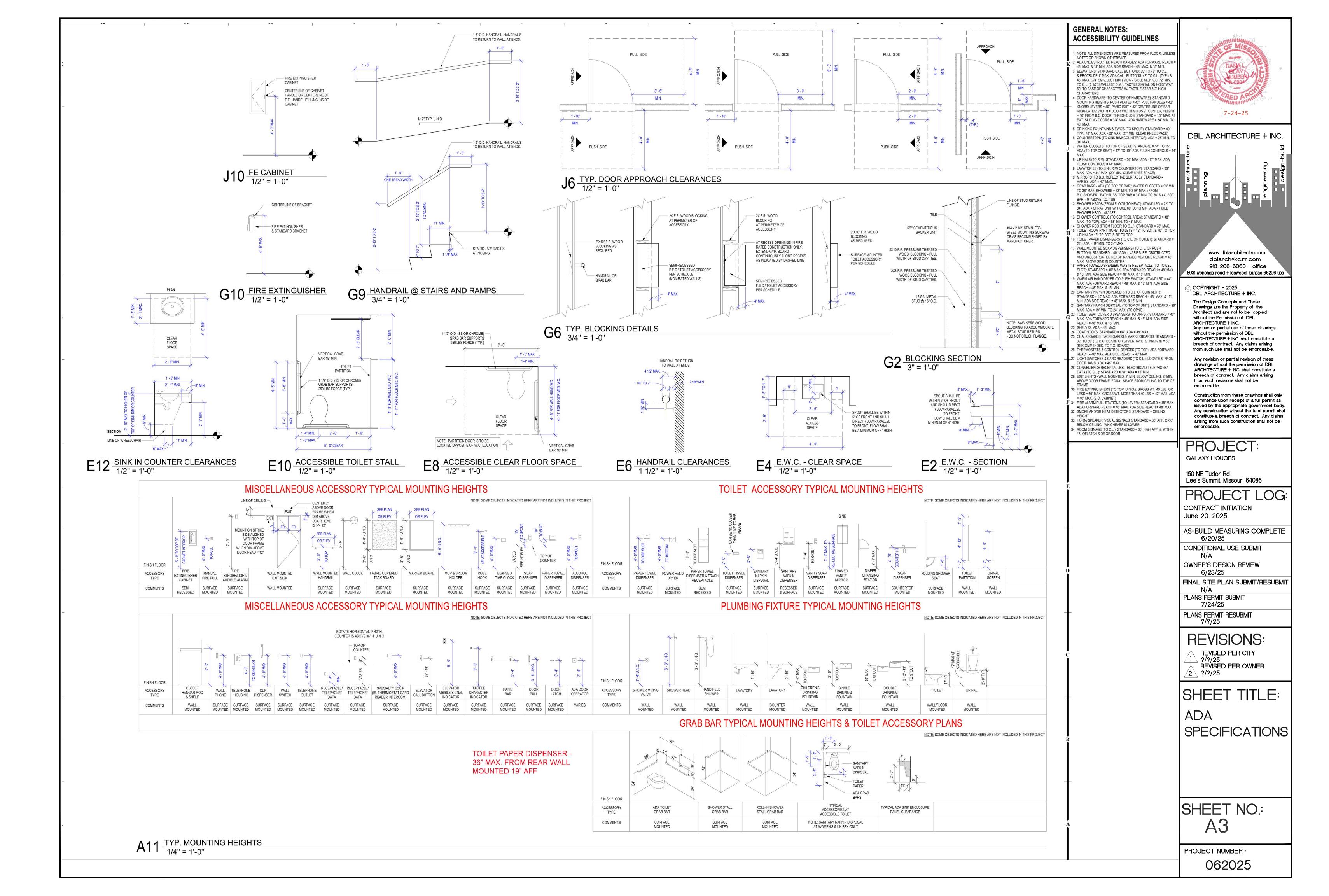
REVISED PER CITY 2/?/25 REVISED PER OWNER **/2**\ ?/?/25

SHEET TITLE:

SCHEDULES

SHEET NO.:

PROJECT NUMBER :



CHAPTER 12

INTERIOR ENVIRONMENT

SECTION 1201 GENERAL

1201.1 Scope. The provisions of this chapter shall govern ventilation, temperature control, lighting, yards and courts, sound transmission, room dimensions, surrounding materials and rodent proofing associated with the interior spaces of

SECTION 1202 DEFINITIONS

1202.1 General. The following terms are defined in Chapter

SUNROOM.

THERMAL ISOLATION.

SECTION 1203 VENTILATION

1203.1 General. Buildings shall be provided with natural ventilation in accordance with Section 1203.4, or mechanical ventilation in accordance with the International Mechanical

Where the air infiltration rate in a dwelling unit is less than 5 air changes per hour when tested with a blower door at a pressure 0.2 inch w.c. (50 Pa) in accordance with Section R402.4.1.2 of the International Energy Conservation Code— Residential Provisions, the dwelling unit shall be ventilated by mechanical means in accordance with Section 403 of the International Mechanical Code.

1203.2 Attic spaces. Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof framing members shall have cross ventilation for each separate space by ventilation openings protected against the entrance of rain and snow. Blocking and bridging shall be arranged so as not to interfere with the movement of air. An airspace of not less than 1 inch (25 mm) shall be provided between the insulation and the roof sheathing. The net free ventilating area shall not be less than 1/150th of the area of the space ventilated.

- . The net free cross-ventilation area shall be permitted to be reduced to $\frac{1}{300}$ provided that not less than 50 percent and not more than 80 percent of the required ventilating area provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.
- 2. The net free cross-ventilation area shall be permitted to be reduced to $\frac{1}{300}$ where a Class I or II vapor bar-

rier is installed on the warm-in-winter side of the

3. Attic ventilation shall not be required when determined not necessary by the building official due to atmospheric or climatic conditions.

1203.2.1 Openings into attic. Exterior openings into the attic space of any building intended for human occupancy shall be protected to prevent the entry of birds, squirrels, rodents, snakes and other similar creatures. Openings for ventilation having a least dimension of not less than ¹/₁, inch (1.6 mm) and not more than $\frac{1}{4}$ inch (6.4 mm) shall be permitted. Openings for ventilation having a least dimension larger than $\frac{1}{4}$ inch (6.4 mm) shall be provided with corrosion-resistant wire cloth screening, hardware cloth, perforated vinyl or similar material with openings having a least dimension of not less than $\frac{1}{16}$ inch (1.6 mm) and not more than $\frac{1}{4}$ inch (6.4 mm). Where combustion air is obtained from an attic area, it shall be in accordance with Chapter 7 of the International Mechanical Code.

1203.3 Under-floor ventilation. The space between the bottom of the floor joists and the earth under any building except spaces occupied by basements or cellars shall be provided with ventilation openings through foundation walls or exterior walls. Such openings shall be placed so as to provide cross ventilation of the under-floor space.

1203.3.1 Openings for under-floor ventilation. The net area of ventilation openings shall not be less than 1 square foot for each 150 square feet (0.67 m² for each 100 m²) of crawl-space area. Ventilation openings shall be covered for their height and width with any of the following materials, provided that the least dimension of the covering shall be not greater than $\frac{1}{4}$ inch (6 mm):

- 1. Perforated sheet metal plates not less than 0.070 inch (1.8 mm) thick.
- 2. Expanded sheet metal plates not less than 0.047 inch (1.2 mm) thick.
- 3. Cast-iron grilles or gratings.
- 4. Extruded load-bearing vents. 5. Hardware cloth of 0.035 inch (0.89 mm) wire or
- 6. Corrosion-resistant wire mesh, with the least dimen-

sion not greater than 1/8 inch (3.2 mm). 1203.3.2 Exceptions. The following are exceptions to

- Sections 1203.3 and 1203.3.1: 1. Where warranted by climatic conditions, ventilation openings to the outdoors are not required if ventilation openings to the interior are provided.
- 2. The total area of ventilation openings is permitted to be reduced to $\frac{1}{1.500}$ of the under-floor area where the ground surface is covered with a Class I vapor

SECTION 718 CONCEALED SPACES

718.1 General. Fireblocking and draftstopping shall be installed in combustible concealed locations in accordance with this section. Fireblocking shall comply with Section 718.2. Draftstopping in floor/ceiling spaces and attic spaces shall comply with Sections 718.3 and 718.4, respectively. The permitted use of combustible materials in concealed spaces of buildings of Type I or II construction shall be limited to the applications indicated in Section 718.5.

718.2 Fireblocking. In combustible construction, fireblocking shall be installed to cut off concealed draft openings (both vertical and horizontal) and shall form an effective barrier between floors, between a top story and a roof or attic space. Fireblocking shall be installed in the locations specified in Sections 718.2.2 through 718.2.7.

718.2.1 Fireblocking materials. Fireblocking shall consist of the following materials:

- 1. Two-inch (51 mm) nominal lumber. 2. Two thicknesses of 1-inch (25 mm) nominal lumber
- with broken lap joints. 3. One thickness of 0.719-inch (18.3 mm) wood structural panels with joints backed by 0.719-inch (18.3)
- mm) wood structural panels. 4. One thickness of 0.75-inch (19.1 mm) particleboard with joints backed by 0.75-inch (19 mm) particle-
- 5. One-half-inch (12.7 mm) gypsum board.
- 6. One-fourth-inch (6.4 mm) cement-based millboard.
- 7. Batts or blankets of mineral wool, mineral fiber or other approved materials installed in such a manner as to be securely retained in place.
- 8. Cellulose insulation installed as tested for the specific application.

718.2.1.1 Batts or blankets of mineral wool or mineral fiber. Batts or blankets of mineral wool or mineral fiber or other approved nonrigid materials shall be permitted for compliance with the 10-foot (3048 mm) horizontal fireblocking in walls constructed using parallel rows of studs or staggered studs.

718.2.1.2 Unfaced fiberglass. Unfaced fiberglass batt insulation used as fireblocking shall fill the entire cross section of the wall cavity to a minimum height of 16 inches (406 mm) measured vertically. When piping, conduit or similar obstructions are encountered, the insulation shall be packed tightly around the obstruc-

718.2.1.3 Loose-fill insulation material. Loose-fill insulation material, insulating foam sealants and caulk

materials shall not be used as a fireblock unless specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and to retard the spread of fire and hot gases.

718.2.1.4 Fireblocking integrity. The integrity of fireblocks shall be maintained.

718.2.1.5 Double stud walls. Batts or blankets of mineral or glass fiber or other approved nonrigid materials shall be allowed as fireblocking in walls constructed using parallel rows of studs or staggered studs.

718.2.2 Concealed wall spaces. Fireblocking shall be provided in concealed spaces of stud walls and partitions, including furred spaces, and parallel rows of studs or staggered studs, as follows:

- 1. Vertically at the ceiling and floor levels.
- 2. Horizontally at intervals not exceeding 10 feet (3048

718.2.3 Connections between horizontal and vertical spaces. Fireblocking shall be provided at interconnections between concealed vertical stud wall or partition spaces and concealed horizontal spaces created by an assembly of floor joists or trusses, and between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings, cove ceilings and similar locations.

718.2.4 Stairways. Fireblocking shall be provided in concealed spaces between stair stringers at the top and bottom of the run. Enclosed spaces under stairs shall also comply with Section 1009.9.3.

718.2.5 Ceiling and floor openings. Where required by Section 712.1.7, Exception 1 of Section 714.4.1.2 or Section 714.4.2, fireblocking of the annular space around vents, pipes, ducts, chimneys and fireplaces at ceilings and floor levels shall be installed with a material specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and resist the free passage of flame and the products of combustion.

718.2.5.1 Factory-built chimneys and fireplaces. Factory-built chimneys and fireplaces shall be fireblocked in accordance with UL 103 and UL 127.

718.2.6 Exterior wall coverings. Fireblocking shall be installed within concealed spaces of exterior wall coverings and other exterior architectural elements where permitted to be of combustible construction as specified in Section 1406 or where erected with combustible frames. Fireblocking shall be installed at maximum intervals of 20 feet (6096 mm) in either dimension so that there will be no concealed space exceeding 100 square feet (9.3 m²) between fireblocking. Where wood furring strips are used, they shall be of approved wood of natural decay resistance or preservative-treated wood. If noncontinuous, such elements shall have closed ends, with at least 4 inches (102 mm) of separation between sections.

SECTION 1504 PERFORMANCE REQUIREMENTS

1504.1 Wind resistance of roofs. Roof decks and roof coverings shall be designed for wind loads in accordance with Chapter 16 and Sections 1504.2, 1504.3 and 1504.4.

1504.1.1 Wind resistance of asphalt shingles. Asphalt shingles shall comply with Section 1507.2.7.

1504.2 Wind resistance of clay and concrete tile. Wind loads on clay and concrete tile roof coverings shall be in accordance with Section 1609.5.

1504.3 Wind resistance of nonballasted roofs. Roof coverings installed on roofs in accordance with Section 1507 that are mechanically attached or adhered to the roof deck shall be designed to resist the design wind load pressures for components and cladding in accordance with Section 1609.

1504.3.1 Other roof systems. Roof systems with built-up, modified bitumen, fully adhered or mechanically attached single-ply through fastened metal panel roof systems, and other types of membrane roof coverings shall also be tested in accordance with FM 4474, UL 580 or UL 1897.

1504.3.2 Metal panel roof systems. Metal panel roof systems through fastened or standing seam shall be tested in accordance with UL 580 or ASTM E 1592.

Exception: Metal roofs constructed of cold-formed steel, where the roof deck acts as the roof covering and provides both weather protection and support for structural loads, shall be permitted to be designed and tested in accordance with the applicable referenced structural design standard in Section 2210.1.

1504.4 Ballasted low-slope roof systems. Ballasted lowslope (roof slope < 2:12) single-ply roof system coverings installed in accordance with Sections 1507.12 and 1507.13 shall be designed in accordance with Section 1504.8 and ANSI/SPRI RP-4.

1504.5 Edge securement for low-slope roofs. Low-slope built-up, modified bitumen and single-ply roof system metal edge securement, except gutters, shall be designed and installed for wind loads in accordance with Chapter 16 and tested for resistance in accordance with Test Methods RE-1, RE-2 and RE-3 of ANSI/SPRI ES-1, except V_{uit} wind speed shall be determined from Figure 1609A, 1609B, or 1609C as applicable.

1504.6 Physical properties. Roof coverings installed on low-slope roofs (roof slope < 2:12) in accordance with Section 1507 shall demonstrate physical integrity over the working life of the roof based upon 2,000 hours of exposure to accelerated weathering tests conducted in accordance with

ASTM G 152, ASTM G 155 or ASTM G 154. Those roof coverings that are subject to cyclical flexural response due to wind loads shall not demonstrate any significant loss of tensile strength for unreinforced membranes or breaking strength for reinforced membranes when tested as herein required.

1504.7 Impact resistance. Roof coverings installed on lowslope roofs (roof slope < 2:12) in accordance with Section 1507 shall resist impact damage based on the results of tests conducted in accordance with ASTM D 3746, ASTM D 4272, CGSB 37-GP-52M or the "Resistance to Foot Traffic Test" in Section 5.5 of FM 4470.

1504.8 Aggregate. Aggregate used as surfacing for roof coverings and aggregate, gravel or stone used as ballast shall not be used on the roof of a building located in a hurricane-prone region as defined in Section 202, or on any other building with a mean roof height exceeding that permitted by Table 1504.8 based on the exposure category and basic wind speed at the site.

TABLE 1504.8 MAXIMUM ALLOWABLE MEAN ROOF HEIGHT PERMITTED FOR **BUILDINGS WITH AGGREGATE ON THE ROOF IN AREAS**

	MAXIMUM MEAN ROOF HEIGHT (ft) ^{a, c} Exposure category					
NOMINAL DESIGN WIND SPEED, V_ (mph) ^{b, d}						
Or LLD, Vand (impiri)	В	С	D			
85_	170	60	30			
90	110	35	15			
95	-75	20	NP			
100	55	15	NP			
105	40	NP	NP			
110	30	NP	NP			
115	20	NP	NP			
120	15	NP .	NP			
Greater than 120	NP	NP	NP			

For SI: 1 foot = 304.8 mm; 1 mile per hour = 0.447 m/s.

a. Mean roof height as defined in ASCE 7.

b. For intermediate values of V_{asd} , the height associated with the next higher value of V_{asd} shall be used, or direct interpolation is permitted. c. NP = gravel and stone not permitted for any roof height.

d. V_{sst} shall be determined in accordance with Section 1609.3.1.

www.dblarchitects.com dblarch@kc.rr.com 913-206-6060 - office

7-24-25

DBL ARCHITECTURE + INC

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Any revision or partial revision of these drawings without the permission of DBL ARCHITECTURE + INC. shall constitute a breech of contract. Any claims arising from such revisions shall not be

Construction from these drawings shall only commence upon receipt of a full permit as issued by the appropriate government body Any construction without the total permit shall constitute a breech of contract. Any claims arising from such construction shall not be enforceable.

GALAXY LIQUORS

June 20, 2025

150 NE Tudor Rd. Lee's Summit, Missouri 64086

CONTRACT INITIATION

AS-BUILD MEASURING COMPLETE

6/20/25 CONDITIONAL USE SUBMIT

6/23/25 FINAL SITE PLAN SUBMIT/RESUBMIT

OWNER'S DESIGN REVIEW

7/24/25 PLANS PERMIT RESUBMIT ?/?/25

PLANS PERMIT SUBMIT

REVISIONS:

REVISED PER CITY REVISED PER OWNER ?/?/25

ISHEET TITLE: TYPICAL DETAILS AND **SPECIFICATIONS**

SHEET NO: A4

PROJECT NUMBER

062025

**CONTRACTOR TO VERIFY FINAL LOCATIONS OF ALL BOLLARDS PRIOR TO BID AND INSTALLATION. COORDINATE WITH TENANTS AND OWNERS TO CONFIRM.

**CONTRACTOR TO VERIFY ALL GLASS INSTALLED ON THIS PROJECT TO BE "LOW E". COORDINATE WITH OWNER PRIOR TO BID AND INSTALLATION.

FINISH NOTE:

**CONTRACTOR TO VERIFY ALL COLORS, FINISHES, FACING SYSTEMS, CMU SPECS AND STONE SPECIFICATIONS PRIOR TO BID. NO MATERIAL OR FINISHES ARE TO BE ORDERED OR WILL BE ACCEPTED WITHOUT PRE-APPROVAL BY OWNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM OWNERS APPROVAL OF ALL FINISHES AND MATERIALS PRIOR TO BID AND INSTALLATION.

PERMIT NOTES: CITY FIRE MARSHAL

GC TO PROVIDE A KNOX BOX PER CITY FIRE MARSHAL REQUIREMENTS AND SPECIFICATIONS. FINAL LOCATION TO BE DETERMINED IN COORDINATION WITH OWNERS AND FIRE MARSHAL DEPT.

FIRE CODE REVIEW:

CONTRACTOR TO PROVIDE AND INSTALL 2 PORTABLE FIRE EXTINGUISHERS OF SIZE AND IN THE LOCATIONS AS DIRECTED BY FIRE MARSHALL DURING CONSTRUCTION. FUTURE TENANTS TO PROVIDE PERMANENT FIRE EXTINGUISHERS AS REQUIRED BY FIRE CODE REVIEW.

**CONTRACTOR TO VERIFY PAINT AND APPLICATION TO BE PER SHERWIN WILLIAMS -SHERLASTIC-ELASTOMERIC MASONRY COATING MANF. SPECIFICATIONS AND OWNERS REQUIREMENTS. MIN. OF 5 MILS OF BLOCK FILLER WITH IO MILS OF FINISH PAINT (TWO 5 MIL PASSES)

OWNER'S FINAL APPROVAL IS REQUIRED AS PART OF BASE BID. ALL NECESSARY REWORK WILL BE AT NO ADDITIONAL CHARGE.

**CONTRACTOR TO VERIFY FINAL LOCATIONS OF ALL EXTERIOR DOORS PRIOR TO FINAL ROUGH IN AND INSTALLATION, COORDINATE WITH TENANTS AND OWNERS TO CONFIRM.

GENERAL CONDITIONS

GENERAL PROVISIONS

The Standard Form of General Conditions, 1997 Edition of the American Institute of Architects, Document No. A-201, pages one through forty-four, are hereby made a part of these specifications and shall apply the same as if repeated here in full. All interested parties shall be governed by those General Conditions in all matters pertaining to this project, during the period of construction, and participation in the project will be considered presumptive evidence of the participant's full understanding of, and agreement with, the conditions of the referenced General

The General Conditions, Special Provisions, General Requirements, and Technical Specifications, along with the other conditions which follow, and as provided, as well as all applicable provisions of the Specifications, form a part of the Contract and shall govern each Sub-contractor engaged in work on the project whether the work be let under separate contracts or under a single contract.

BASIC DEFINITIONS

1.2.1 The Contract Documents The Contract Documents consist of the Agreement between Owner and Sub-contractor, Conditions of the Contract and all documents listed below.

1.2.2 The Contract Documents shall include: Drawings as listed in the Index of this set. Specification Divisions 1-16 inclusive. All modifications issued after execution of the

Equipment installation hand book.

DEFINITIONS

Phrases used in the specifications are defined as follows: "as shown" - As shown on the accompanying drawings. "provide" — Provide and install complete, with all necessary accessories and incidental materials and supplies. "provided by Owner" - Materials or goods will be delivered F.O.B. jobsite by the Owner at no expense to the Sub Contractor. Unloading, storage, installation, and/or assembly of items "provided by Owner shall be by Sub-contractor unless otherwise noted. "install" - Install items, complete, providing all incidental and necessary supplies and materials. "Sub-contractor" - The contractor or any or all of his various subcontractors. "Owner" — The Owner or his appointed representatives—otherwise indicated. Allow for expansions and building movements.

ARTICLE 2

2.1 All subcontractors are required to obtain the following Insurance, and at their request furnish evidence to the Owner. All insurance shall name Owner as additional insured parties.

- 2.1.1 Workman's Compensation Insurance in accordance with the laws of the State in which the property is located and the Owner requirements. Owner shall keep a copy in file all the time.
- 2.1.2 Comprehensive General Liability Insurance including Contractual Liability with limits set forth by the lease and the Owner requirements.
- 2.1.3 Automobile Liability Insurance including Contractual Liability as set forth by the lease and the Owner requirements.

2.1.4 Builder's Risk Insurance in the amount of the estimated cost of Owner —improvements.

2.2 Indemnification

The Sub-contractor agrees to indemnify and save harmless the Owner, its agents, servants, and employees, and the Owner's Architect and Engineer from and against any and all liability or damage to property occasioned by any act or omission of the subcontractors, servants, or employees, including any and all expense, legal or otherwise, which may be incurred by the Owner, its agents, servants, or employees in th defense of any claim, settlement or suit.

ARTICLE 3 EXTRA WORK

3.1 Any and all work which is performed by any Sub-contractor, without having specific approval from the Owner in writing, shall be performed by said Sub-contractor at his own risk without any obligation or responsibility of the Owner or the Architect. All work which is above and beyond the scope of the Drawings and Specifications, or any part of the Construction Documents, must be specifically authorized by the Owner in writing. All requests for additional payments must be approved by the Owner prior to the start of that work.

The following General Requirements supplement and/or supersede the foregoing General and Supplementary Conditions for Contract Work and are hereby considered a part of the Contract Documents.

DIVISION 1

SECTION 01000

well as the following General Requirements:

GENERAL REQUIREMENTS SUMMARY OF WORK:

NOTE: All of the work under each heading of these specifications shall be governed by the General Conditions, Special Provisions, the Drawings and the Specifications, as

The Work under each heading of these specifications shall include all labor, material, equipment and services necessary for and said heading as indicated on the drawings, set forth in the specifications, or otherwise required.

Work done hereunder includes furnishing all labor, material services, and equipment necessary and/or incidental to perform all work through the proper completion of all Work as may be further specified and/or a shown on the plans, or otherwise required.

In case of conflict between drawings and specifications the Contractor will be deemed to have estimated on, and agreed to provide, the greatest quantity and better quality of materials and Work.

Include general construction, civil, electrical, plumbing, HVAC, landscape, and installation of all such Work except as hereinafter may be required.

ITEMS FURNISHED BY THE OWNER AND INSTALLED BY THE GENERAL CONTRACTOR.

It shall be the Sub-contractor's sole responsibility to receive, check and confirm the arrival in good order, of all items called for to be furnished by the Owner and installed by the Sub-contractor. The Sub-contractor shall notify the Owner (IN WRITING) of any such items miss or damaged within 3 days of receiving date. Failure to so notify the Owner will be considered proof presumptive that all said items have arrived undamaged, and in the proper quantities, and it shall then be the Sub-contractor's responsibility (AT HIS OWN COST) to promptly reorder, replace and/or repair any such items needed for the proper _completion of this project, on the agreed date of completion.

MEASUREMENTS:

The Sub-contractor shall be responsible for an accurate taking of job site measurements, verifying same, and promptly furnishing exact job site measurements to all parties requiring same. Sub-contractor must notify Owner/Architect of any discrepancies immediately. The Sub-contractor shall check sales casework shop drawings as to correct angles and fit to the existing space as shown. The Sub-contractor shall permanently layout the casework on the floor prior to the construction of wall, ceiling, light fixtures, etc.

Written dimensions shall take precedence over scaled dimensions. Larger scale drawings shall take precedence over smaller scale drawing.

upon the material or item of equipment specified

Bidders may offer substitutions for any item specification by submitting in writing as outlying in space provided on proposal form.

IT SHALL BE UNDERSTOOD by all herein concerned that any proposal substitution shall have the written approval of Architect and/or Owner's Representative, before being used by Sub-contractor, otherwise it will be assumed that the Sub-contractor's total bid is based

EXAMINATION OF SITE AND DOCUMENT:

Before submitting a proposal, each bidder shall examine all documents, visit the site, verifying any special charges or requirements, comparing each to the other and informing themselves of all conditions under which work is to be performed.

Each bidder shall base his proposal on material, methods and/or equipment complying with the specifications and drawings. Where directions or instructions are stated, without specific reference as to who is

responsible the inference is intended to be the Suc-contractor for the Work in the specification section in which the directions or instructions are intended.

CODES AND STANDARD: All Work, materials and installation shall be in strict accordance with all ordinances, state and local building codes, latest edition, of the authorities having jurisdiction.

Design Loads: Loads and code restrictions for all design considerations shall confirm to the Local and State codes, and all governing codes.

he Sub-contractor shall be responsible for the proper application for and securing of all necessary permits, as well as the observance of all applicable City, County, State and Federal Laws, Regulations, or Ordinances, Landlord requirements and shall include in their proposal cost of same.

APPLICATION OF MATERIALS AND/OR EQUIPMENT:

That the application of a material and/or equipment item to unsatisfactory work installed by others, constitutes acceptance of that Work and assumption of full responsibility for prior to starting the specific application, notify in writing the Architect and/or Owner's Representative of any defect or deficiency which would impair complete and satisfactory applications or installation of his Work or guarantee.

Attention is hereby directed to the following requirement for Sub-contractor:

MANUFACTURERS INSTRUCTIONS:

Where installations include manufactured products, comply with manufacturer's applicable instructions and recommendations for installation, to the extent these are more explicit or more stringent than requirements indicated in the Contract Documents.

Provide attachment and connection devises and methods for securing work properly as it is installed; true to line and level, and within recognized industry tolerances if not

Provide uniform joint widths in exposed work, organized for best possible visual effect. Refer questionable visual-effect choices to Architect/Owner's representative for final decision. Recheck measurements and dimensions of the work, as an integral step of

starting each installation.

MOUNTING HEIGHTS: Where mounting heights are not indicated, mount individual units of work at industry—recognized standard mounting heights for applications indicated. Refer questionsable mounting height choices to Architect/Owner's representative for final

PROTECTION AND CLEAN UP: he Sub—contractor shall be responsible for the proper protection of adjacent items and surfaces from damage resulting from the furnishing or installation of his Work and shall promptly replace, at his own cost, such damaged Work. He shall also be responsible for the proper protection of his and others Work from damage by any including freezing or overheating. Use plastic covering over furniture, display cases, equipment and finishes. The Sub-contractor shall remove all debris from the premises on a daily basis; all dust and construction debris are to be removed. Any broken, damaged, marred, unclean, or otherwise imperfect work shall be corrected by the Sub-contractor before his Work shall be

considered complete. Use dust barriers. Upon completion of the Work interior and exterior of all glass and glazing, floors, walls and ceiling surfaces, electrical fixtures, mechanical equipment, etc.; it is necessary to remove all dirt, stains, and marks. All signs, glass and wood shall be cleaned and polished. The project shall be made clean and fit for immediate occupancy by an independent cleaning agent, with the approval of Owner, at the Sub-contractor's expense. Sub-contractor is to supervise and schedule proper installation of all parts of Work pertaining to a finished by him or by the Owne

The Sub-contractor shall guarantee the Work to be free from defects of materials or workmanship, including discoloration, rattling and leaking, for a period of one year from the date of final payment. Application by the Sub-contractor for final payment shall be considered as presumptive evidence of his full understanding of and agreement with conditions of the guarantee provision, and he shall remove and replace with new, at his own expense, all such work or materials found by the Owner's Representative to be defective within the guarantee period.

APPROVAL OF SUBCONTRACTOR:

he Sub-contractor garees that he is fully responsible to Owner for the acts and omissions of his subcontractors and of persons directly employed by him. Nothing contained in the Contract Documents shall create any contractual relation between any subcontractor and the Owner.

SECTION 01200 TEMPORARY FACILITIES

Provide and complete all preliminary work and temporary construction required as

TEMPORARY BARRICADE:

Install temporary barricade as required by city or county officials in manner stipulated by

LIGHT AND POWER:

Provided by Electrical Sub-contractor or reuse existing from location of Landlord's service and pay all cost for same, for all Sub-contractor(s) to subject space. WATER SUPPLY:

The Sub-contractor shall make all necessary arrangements for permanent water services. water meter, and pressure regulator for all purposes of construction, paying all costs in connection with same, and for all water used. This shall include all means of conveying

same to place where required.

ELECTRICAL ENERGY: The Sub-contractor shall make all necessary applications, pay all dues and charges, obtain necessary permits, provide and maintain electrical energy from developers permanent electrical facilities for lighting, power for all electric tools and equipment required in construction of all branches of the Work and pay for all current used.

TELEPHONE:

beginning of project for the use of those connected with the Work and furnish free elephone services on all local calls. If project telephone already exists, provide additional phone. Beepers do not qualify as telephone.

FIRE PROTECTION:

Sub-contractor shall provide fire extinguishers within the premises as required by code and/or insurance companies, or verify that one is existing in the case of a remodeling. Disconnect and seal utilities serving structure to be demolished, prior to start of demolition work.

STRICTLY PROHIBITED WORK AND PRACTICES:

Installation of any combustible materials above finished ceilings or in any other concealed, non-sprinklered space. Imposing any structural load, temporary or permanent, on any part of the Landlord's work

or structure without approval. Cutting any hole in Landlord—installed floor slabs, walls or roof without proper approvals and not in accordance with instructions herein and proper construction procedures. Attaching any work to metal deck or hanging from plumbing and sprinkler piping or

POLLUTION CONTROLS:

Use water sprinkling, temporary enclosures, and other suitable methods to limit dust and dirt rising and scattered in air to lowest practical level. Comply with governing regulations pertaining to environmental projection. Do not use water when it may create hazardous or objectionable conditions such as ice, flooding and pollution.

Clean adjacent structures and improvements of dust, dirt and debris caused by demolition operations, as directed by Architect or governing authorities. Return adjacent areas to condition existing prior to start of work.

Provide concrete as specified in drawings.

DIVISION 3

LIGHT GAUGE METAL FRAMING SECTION 05000 MATERIALS: FURNISH galvanized structural steel 'C' studs sizes, minimum 18 gage or as indicated on

drawings and as required with all necessary accessories. INSTALLATION:

INSTALL metal framing systems in accordance with manufacturer's printed or written instructions and recommendations, unless otherwise indicated. Install continuous tracks—sized to match studs, Secure tracks as recommended by stud manufacturer for type of construction involved.

Set studs plumb, except as needed for diagonal bracing or required for non-plumb walls or warped surfaces and similar requirements.

Install supplementary framing, blocking and bracing in metal framing system whenever walls or partitions are indicated to support fixtures, equipment, services, casework, heavy trim and furnishings, and similar work. Secure studs to top and bottom runner tracks by either welding or screw fastening at

both inside and outside flanges. Install horizontal stiffeners in stud system as required, spaces (vertical distance) at not more than 4'-6" O.C.

GENERAL NOTES: PROVIDE AND OR INSTALL all rough carpentry, finish carpentry including millwork, finish hardware, rough hardware, fastening devices, and miscellaneous accessories as may be required herein and/or shown on the drawings.

SECTION 06000 ROUGH CARPENTRY FURNISH AND INSTALL all framing as may be required for interior partition, baffle, walls, soffits, ceilings, storefront as noted & where shown using members as required.

DIMENSION LUMBER AND BOARDS: No.1 Pine or No.1 Fir, sound, thoroughly seasoned, free from warp. Construction as required for framing, blocking, furring,

PLYWOOD PANELS:

FOR USE as indicated on drawings. (Wall mount self, electrical, telephone and security panel backup, etc.)

FASTENING DEVICES: FURNISH all anchors, bolts, screws, etc., as may be required; non-corrosive and

non-staining if exposed to exterior. PRESERVATIVES: PRESSURE TREAT all wood to be permanently fastened into place with "Non-Com"

chemical process as manufactured by Koppers Company, Inc., Forest Products Division, complying with Underwriters Laboratories, Inc., fire hazard classification of flame spread 15 or less, all such wood to be properly labeled prior to delivery. SECTION 06200 FINISH CARPENTRY

FURNISH AND INSTALL all that is required for doors and frames, finish trim and paneling. Types of finish carpentry work include: (if required)

Moldings

HARDWOOD:

Paint grade hardwood for interior moldings and trim in sizes as indicated on the drawing.

DIVISION 7

DIVISION 8 DOORS AND WINDOWS FLUSH WOOD DOORS SECTION 08210

MOISTURE PROTECTION

PROVIDE AND INSTALL standard insulated metal door.

INSTALL doors to comply with manufacturer's instructions. Fit doors to frames with uniform clearance and bevels. Machine doors for hardware, if required. Refinish or replace doors damaged

during installation. SECTION 08710

FINISH HARDWARE PROVIDE finish hardware throughout the Work as needed for a complete installation as specified on the Drawings.

NOTE: All hardware shall be installed to allow for vinyl wall covering and wood trim where such occur.

FASTENERS: PROVIDE all hardware with all necessary screws, and other fasteners of suitable size and type to anchor the hardware in position for long life under hard use. Furnish items complete with expansion shields, toggle bolts, and other anchors, in accordance with the material to which the hardware is to be applied and the recommendations of the hardware manufacturer.

COORDINATE with other trades to assure proper and adequate provision in the Work of those trades for interface with the Work of this Section.

Fastener finish shall harmonize with the hardware material.

INSTALL hardware items in accordance with Hardware Schedule, the Door and Hardware Institute, and with local codes. The Sub-contractor shall furnish and maintain on the job site, a temporary telephone at the Install hardware in accordance with manufacturer's printed instructions. Set all hardware level, plumb and true to line.

> ADJUST and check operation of every unit. Replace units which cannot be adjusted to operate freely and smoothly.

DIVISION 9 SECTION 09250

GYPSUM DRYWAL PROVIDE all Work in accordance with manufacturer's directions as required herein, and as shown on the drawings for complete erection and finishing for drywall partitions, soffits, etc., including metal studs and all accessories as may be required.

MATERIALS:

PRODUCTS herein specified are identified by reference to United States Gypsum Company. However, similar products of the National Gypsum, Penn Metal or Inland Steel Companies will be acceptable.

2.WATER RESISTANT GYPSUM WALL BOARD.

5/8" water resistant board for tile work 48" high wet areas. 3. METAL STUDS:

Channel – type roll form 25 gauge min. (Unless otherwise indicated) electrogalvanized steel in width as shown.

Include metal runners. 1.GYPUSM WALLBOARD (GYP. BD.):

Tapered edge 48" wide in lengths as required. Firecode 5/8" one hour fire rating and 1/2" where indicated, or as

4. CARRYING CHANNELS AND HANGING WIRE:

1/2" deep, 475 lb. per 1,000 feet Minimum 8 gauge hanging wire at 48" O.C. each way. 5. FURRING CHANNELS:

7/8" hat shaped. JOINT TREATMENT:

Perf-A-Tape and cement. 7. CORNER BEAD:

Standard or multiplex types

8. CASING BEAD: No. 200 and 300 only in sizes as appropriate for edges and

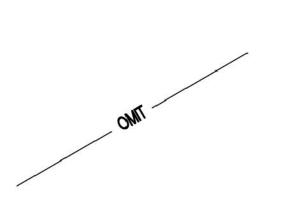
recesses of board where exposed. 9. PERF-A-BEAD AND EDGE TRIM: Perf-A-Trim.

10. FASTENERS: Type "S" bugle head self-drilling, self-tapping in lengths

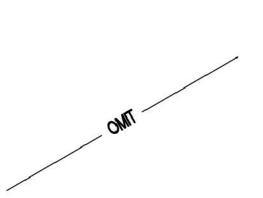
as required. Use with power screw driver. INSTALLATION:

COMPLY with "Gypsum Construction Handbook" by United States Gypsum Co., and "Recommended Specifications for the Application and finishing of Gypsum Board" by the Gypsum Association for all

installation work. SECTION 09300 NOT USED



SECTION 09510 NOT USED ACOUSTICAL CEILINGS



SECTION 09650 NOT USED



SECTION 09900

WORK INCLUDES surfaces preparation and painting or finishing of all interior surfaces exposed to view, throughout the Project. Where items or surfaces are not specifically mentioned, paint the same as similar adjacent materials or areas. The Work of this Section includes, but is not necessarily limited to painting or finishing of the following items. All interior drywall surfaces not finished otherwise.

MATERIALS:

PROVIDE products equal to materials listed in the Finish Schedule. Note that proprietary names used to designate colors (on the Drawings) or materials (scheduled herein) are not intended to imply that products of named manufacturer are required to exclusion of equivalent products of other manufacturers. Prior approval of Owners Representative required.

SURFACE PREPARATION:

CLEAN surfaces of dirt, rust scale, grease, moisture, or other conditions otherwise detrimental to formation of a durable paint film. Perform preparation and cleaning procedures in accordance with paint manufacturer's printed instructions for each particular substrate condition.

CLEAN surfaces of dirt, oil and other foreign substances with mineral spirits, and sandpaper and dust off prior to finishing. REMOVE hardware, accessories, plates, lighting fixtures, and similar items in place and not to be finish-painted, or provide surfaced-applies protection prior to surface preparation and

painting operations. Remove, if necessary, for completion of

COMPLY with manufacturer's printed directions in applying paint materials. Use applicators and techniques best suited for substrate and type of material being applied.

painting of each space or area, reinstall removed items.

SCHEDULING

APPLY first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration. Allow sufficient time between successive coating to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure, and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.

APPLY PAINT to completely cover previously painted surfaces, to provide an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, holidays, lap marks, brush marks, runs, sags, ropiness or other surface imperfections will not be acceptable.

APPLY ADDITIONAL PAINT coats when undercoats, stains or other conditions show through final coat of paint, until paint film is of uniform finish, color and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, and exposed fasteners receive a dry film thickness equivalent to that if flat surfaces. Remove, refinish or repaint Work not in compliance with specified requirements.

DURING the progress of the Work, remove from site discarded paint materials, rubbish, cans and rags at end of each work day. Upon completion of painting Work, clean window glass and other paintsplattered surfaces. Remove spattered paint of otherwise or defaced painted surfaces after completion of Work of other trades. If Owner deems clean-up is not satisfactory, an independent cleaning service will be brought in, at the Sub-contractor's expense to complete the clean-up.

PAINT SCHEDULE:

SEE PAINT SCHEDULE. * Final finish is subject to approval by Owner, if finish is deemed unsatisfactory, another application will be required at the contractors expense.

SECTION 10522 FIRE EXTINGUISHER

PROVIDE one (1) Class ABC, 10 lb. dry chemical or as required by the local Fire Marshall and furnished by Sub-contractor at the start of

EQUIPMENT DIVISION 11 All store fixtures Not in Contract. DMSION 12 **FURNISHINGS** All store furnishings not in contract. FIRE PREVENTION NOTES

as amended and adopted by the local agencies having authority. The Sub-contractor shall provide min. one 2A10BC fire extinguisher within 75 ft. travel distance for each 6,000 s.f. or portion thereof on each floor. (I.F.C. Article 906,

All work shall comply with the version of the international Fire Code (IFC)

appropriate rating, including doors, ducts, etc. All required fire damper assemblies including sleeves and installation procedures shall be approved by the Building Department Inspector

Penetrations of rated walls shall be protected by assemblies of

prior to installation. All air-handling cut-off and smoke-detected fire damping equipment required by the local agencies having authority and the Landlord shall

All work done on existing rated walls shall be repaired to maintain the existing rating.

The Sub-contractor shall provide new fire proofing as required

be provided and installed by the Mechanical Contractor.

Where required, flame spread ratings of material used in the construction will be supplied to the Fire Department by the Sub-contractor ordering the materials.

Illuminated exit signs with battery packs and audible signals shall be provided as shown on the drawings and as required by code. All exit signs to be wired to a dedicated circuit.

Coordinate fire sprinkler system requirements with the Landlord. Installation shall comply with the "NFPA 13". Interior finish shall comply with codes as follows:

to the Fire Marshal approval prior to installation.

or road fronting the property (I.F.C. Sec. 505.)

by code throughout the space.

I.B.C. Chapter 8 All decorative materials shall be maintained in a flame—retardant condition I.F.C. Sec. 805.0

Plans for all fixed fire protection equipment shall be submitted

Building occupant shall secure permits required by the Fire Department prior to occupying this building. Building numbers shall be easily visible and legible form the street

TURNOVER REQUIREMENTS

The Sub-contractor shall arrange for all inspections and furnish Owners representative with the Certificate of Occupancy. Sub-contractor is also to provide a type written list of names, addresses and phone numbers of all subcontractors and material suppliers.

The Sub-contractor shall be responsible for having the entire store clean and spotless at the time of furniture installation and at

Prior to the store opening, Sub-contractor is to arrange for an Independent Balancing Contractor to balance the HVAC system and provide a copy of the balancing report to the Landlord and Owner's

If required by Landlord the Sub-contractor shall secure any necessary approvals for the store sprinkler system for the Landlord's insurance carrier.

Sub-contractor to turn overall keys to the Owner's representative and marking each key for identification. The Sub-contractor shall set all time clocks, thermostats, etc. per Owner's representative's requirements.

The Sub-contractor shall explain the operation of all mechanical systems to the Owner's representative and providing four bound copies of operation, maintenance and warranty manuals.

DBL ARCHITECTURE + INC

7-24-25

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Any revision or partial revision of these drawings without the permission of DBL ARCHITECTURE + INC. shall constitute a breech of contract. Any claims arising from such revisions shall not be

from such use shall not be enforceable.

Construction from these drawings shall only commence upon receipt of a full permit as issued by the appropriate government body. Any construction without the total permit shall constitute a breech of contract. Any claims arising from such construction shall not be

enforceable.

GALAXY LIQUORS 150 NE Tudor Rd.

Lee's Summit, Missouri 64086

June 20, 2025

AS-BUILD MEASURING COMPLETE 6/20/25 CONDITIONAL USE SUBMIT

CONTRACT INITIATION

OWNER'S DESIGN REVIEW 6/23/25

FINAL SITE PLAN SUBMIT/RESUBMIT PLANS PERMIT SUBMIT

∕2 \ ?/?/25 |

?/?/25

PLANS PERMIT RESUBMIT

7/24/25

REVISIONS: REVISED PER CITY REVISED PER OWNER

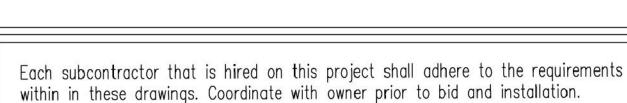
SHEET TITLE:

GENERAL **SPECIFICATIONS**

ISHEET NO.:

PROJECT NUMBER

It is the responsibility of EACH subcontractor to ensure they understand their requirements under these requirements and any additional work that may be required by the owner prior to bid, awarding of contract and start of construction



DIVISION 1 - GENERAL REQUIREMENTS

INSTRUCTIONS TO BIDDERS

A. UTILITY COMPANIES

1) SUB-CONTRACTOR TO COORDINATE WITH LOCAL UTILITY COMPANIES THE TIMELY OR-DERING AND INSTALLATION OF TEMPORARY AND PERMANENT SERVICES TO THE

2. PROJECT COORDINATION

A. DESCRIPTION

- THE SUB-CONTRACTOR SHALL COOPERATE WITH THE OWNER AND OTHER CON-TRACTORS PERFORMING WORK UNDER SEPARATE CONTRACT TO ENSURE PROJECT PROGRESS ACCORDING TO SCHEDULE.
- 2) THE SUB-CONTRACTOR SHALL COORDINATE THE WORK OF THE VARIOUS TRADES INCLUDING OWNER'S EQUIPMENT CONTRACTOR.
- 3) THE SUB-CONTRACTOR SHALL NOT REQUEST DELIVERY AND/OR INSTALLATION OF EQUIPMENT UNTIL ALL FLOOR, CEILING AND WALL FINISHES ARE COMPELETE IN THE AREAS ADJACENT TO EQUIPMENT, AND BUILDING IS COMPLETELY ENCLOSED.
- 4) THE SUB-CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS FOR FINAL UTILITY HOOKUP OF SERVICE EQUIPMENT.
- 5) THE SUB-CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS FOR INSTALLATION OF GAS SOLENIOD VALVES FURNISHED BY SERVICE EQUIPMENT CONTRACTOR

DIVISION 2 - SITE WORK

1. EARTHWORK

- A. LOCATE EXISTING UNDERGROUND UTILITIES BY CAREFUL HAND EXCAVATION BEFORE STARTING EARTHWORK OPERATIONS. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE PROTECTION FROM DAMAGE DURING CONSTRUCTION OPERATIONS. CONTACT LOCAL UTILITY COMPANY FOR INFORMATION REGARDING UNDERGROUND
- B. SHOULD UNCHARTED OR INCORRECTLY CHARGED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE OWNER IMMEDIATELY FOR DIRECTIONS AS TO PROCEDURES. REPAIR DAMAGED UTILITIES TO THE SATIS—FACTION OF THE UTILITY OWNER. COOPERATE WITH THE OWNER, AND PUBLIC AND PRIVATE UTILITY COMPANIES IN KEEPING SERVICES AND FACILITIES IN OPERATION.
- C. BARRICADE OPEN EXCAVATION AND POST WITH WARNING LIGHTS FOR THE SAFETY OF PERSONS, OPERATING WARNING LIGHT DURING HOURS OF DUSK TO DAWN
- D. PROTECT STRUCTURE, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS, FROM DAMAGES CAUSED BY SETTLE—MENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
- E. ALL FILL AND BACK FILL SHALL BE SELECTED FILL MATERIAL COMPACTED TO AT LEAST 90% OF THE MAXIMUM DENSITY OBTAINABLE BY THE ASTM D1557 METHOD OF COMPACTING. UNLESS NOTED OTHERWISE ON THE SOILS REPORT. GRADING PLAN AND EARTHWORK SPECIFICATIONS USE NON-EXPANSION FILL MATERIAL AT BUILDING AREA AND UNDER WALKS. ALL COMPACTING SHALL BE SUPERVISED AND CERTIFIED BY A LICENSED SOILS ENGINEER AND CERTIFICATION REPORT SHALL BE SUBMITTED TO OWNER PRIOR TO PLACING OF CONCRETE.

2. CONCRETE PAVING

- A. SEE GRADING AND PAVING PORTION OF SITE PREPARATION PROCEDURES ON THE SITE AND/OR GRADING PLAN.
- B. MATERIALS:
- 1) BASE COURSE: AS NOTED ON CIVIL PLANS
- 2) CONCRETE PAVING: RE: CIVIL PLANS
- 3) PAVEMENT MARKINGS, PARKING STALL STRIPES SHALL BE: EPOXY PAINT 2 COATS MIN. COLOR PER PLANS

PROVIDE ALL CONCRETE WORK COMPLETE, AS SHOWN ON THE DRAWINGS HEREIN SPECIFIED, INCLUDING CONCRETE FORM WORK, REINFORCEMENT, DOWELS AND ACCESSORIES, CONCRETE MIXED, PLACE, FINISHED AND CURED.

- A. EXTERIOR WALKS AND RAMPS TO BE BROOM TEXTURE FINISH.
- B. EXTERIOR FLATWORK AND CURBS PROVIDE EXPANSION CONTRACTION JOINT AND CONTROL JOINTS PER CIVIL DRAWINGS

DIVISION 3 - CONCRETE

1. CONCRETE AND EMBEDDED ITEMS

- A. ALL CONCRETE SHALL BE MIXED, FORMED AND PLACED ACCORDING TO A.C.I. CODE.
- CONCRETE SHALL BE MACHINE MIXED USING A MAXIMUM OF 7 GALLONS OF WATER PER SACK OF CEMENT. READYMIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C-94. MIX AT A RATE OF 5 SACKS OF CEMENT PER CUBIC YARD. MAXIMUM SLUMP SHALL BE 5" AS MEASURED BY THE ASTM "STANDARD METHOD OF TESTING FOR SLUMP OF PORTLAND CEMENT CONCRETE".
- C. CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH PER STRUCTURAL AND CIVIL DRAWINGS
- D. CEMENT FOR CONCRETE OR MASONRY MORTAR SHALL BE A STANDARD BRAND "PORTLAND CEMENT", MEETING THE REQUIREMENT OF ASTM C-150. CEMENT SHALL BE "TYPE II". (USE TYPE V CEMENT IF REQUIRED BY THE SOILS REPORT)
- E. AGGREGATES FOR CONCRETE SHALL MEET THE REQUIREMENTS OF ASTM
- F. CONTRACTOR MAY USE AN APPROVED WATER REDUCING ADMIXTURE CON-FORMING TO ASTM C-494.
- G. SLAB ON GRADE SHALL BE POURED ON FIRM, MOISTENED, COMPACT EARTH. CONSTRUCTION OR CRACK-CONTROL JOINTS SHALL BE SPACED PER STRUCTURAL DRAWINGS
- H. ALL REINFORCING STEEL, ANCHOR BOLTS AND OTHER INSERTS SHALL BE SECURELY FASTENED IN THE FORMS PRIOR TO POURING CONCRETE.
- ALL BOLTS SHALL HAVE A STANDARD BOLT HEAD OR A 1 1/4" 90 DEGREE BEND AT EMBEDDED END. ANCHOR BOLTS SHALL BE SPACED 6'-0" ON CENTER MAXIMUM. MINIMUM EMBEDMENT OF ANCHOR BOLTS SHALL BE 9" INTO FOOTINGS, 5 1/2" INTO MASONRY, & 4 1/2" INTO VERT. CONC. SURFACES.

CONCRETE AND EMBEDDED ITEMS - CONT.

- J. EXPANSION BOLTS, SUCH AS PHILLIPS RED HEAD, ETC., MAY BE USED IN LIEU OF ANCHOR BOLTS WHERE SPECIAL CONDITIONS WARRANT THEIR USE, PROVIDED THAT WRITTEN APPROVAL OF THE ENGINEER IS OBTAINED. SIZE OF SUCH ANCHORS SHALL BE ONE NOMINAL SIZE LARGER OR THEIR NUMBER SHALL BE INCREASED BY 25% WHERE APPLIED TO VERTICAL SURFACES.
- K. GROUT SHALL CONSIST OF 1 PART CEMENT, TO NOT MORE THAN 3 PARTS SAND AND NOT LESS THAN 1 PART NOR MORE THAN 2 PARTS PEA GRAVEL BASED ON DRY LOOSE VOLUMES. GROUT SHALL BE OF FLUID CONSISTENCY. APPROVED ADMIXTURES MAY BE ADDED TO THE GROUT MIX. GROUT SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS.
- L. DRYPACK SHALL CONSIST OF 1 PART CEMENT, 4 PARTS SAND. BASED ON DRY LOOSE VOLUMES AND NOT LESS THAN 1/4 PART, NOR MORE THAN 1/2 PART LIME PUTTY OR DRY HYDRATED LIME. DRYPACK SHALL OBTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS.
- M. SEE DRAWINGS FOR MISCELLANEOUS IRON AND STEEL, ETC., TO BE CAST IN CONCRETE AND FOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- N. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF ALL PIPES, CONDUITS, ETC.
- O. PIPE OR DUCTS EXCEEDING ONE—THIRD THE SLAB OR WALL THICKNESS SHALL NOT BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED.
- P. PIPE MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, BUT NOT BE EMBEDDED THEREIN.

SEE REINFORCING STEEL SPECIFICATIONS ON DRAWING. FURNISH AND INSTALL ALL STEEL REINFORCING BARS AND WIRE FABRIC INDICATED ON DRAWINGS, INCLUDING THE WIRE.

2. STEEL REINFORCING

- A. REINFORCING STEEL SHALL BE INTERMEDIATE GRADE DEFORMED BARS CON-FORMING TO ASTM A-615, GRADE 60 TYPICALLY. LAP BARS A MINIMUM OF 36 DIAMETERS. STAGGER LAPS WHERE PERMISSIBLE. LAP BARS A MIN-IMUM OF 48 DIAMETERS IN MASONRY. USE GRADE 60 TYPICALLY, USE GRADE 40 FOR TIES & DOWELS.
- B. WIRE MESH SHALL CONFORM TO ASTM A-185. LAP 8" MINIMUM.
- C. FOOTING DOWELS SHALL MATCH VERTICAL WALL OR COLUMN STEEL. LAP 36 DIAMETERS MINIMUM.
- D. AT ALL OPENINGS IN CONCRETE, CONCRETE BLOCK AND BRICK MASONRY, PROVIDE AT LEAST 2-#5 BARS AT JAMBS, HEAD AND SILL, EXTENDING 2'-0" BEYOND EDGES OF OPENING.
- E. MINIMUM CONCRETE COVER SHALL BE:
 3"......CONCRETE POURED AGAINST EARTH.
 2".....FORMED CONCRETE WHICH WILL REMAIN IN CONTACT WITH EARTH.
 1 1/2"...BEAMS, MEASURED TO MAIN STEEL; COLUMNS, MEASURED TO TIES
 OR SPIRALS: EXPOSED TO EARTH OR WEATHER.
 3/4"SLABS; INSIDE FACES OF WALLS.

DIVISION 4 - MASONRY

I. GENERAL NOTES

-) ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF BOTH LOCAL AND INTERNATIONAL BUILDING CODE (I.B.C.) STANDARDS.
- 2) SUB-CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE AND REPORT ANY ERRORS, OMISSIONS, OR POSSIBLE DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING ANY WORK. SPECIAL CARE SHALL BE GIVEN SITE AND BUILDING LAYOUT THEREON.
- THE SUB-CONTRACTOR SHALL PROVIDE SAFE AND ADEQUATE BRACES AND CONNECTIONS TO SUPPORT THE COMPONENT PARTS OF THE STRUCTURE UNTIL THE STRUCTURE ITSELF (INCLUDING THE FLOOR AND ROOF DIAPHRAMS) IS COMPLETE ENOUGH TO ADEQUATELY SUPPORT ITSELF.
- OPTIONS, IF PROVIDED HEREIN, ARE FOR CONTRACTOR'S CONVENIENCE.
 HE SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY, SHALL
 COORDINATE ALL DETAILS, AND SHALL OBTAIN ALL REQUIRED APPROVALS.
- COSTS OF ADDITIONAL DESIGN WORK NECESSITATED BY SELECTION OF AN OPTION OR DUE TO ERRORS OR OMISSIONS IN CONSTRUCTION, SHALL BE BORNE BY THE CONTRACTOR.

2. CONCRETE MASONRY UNIT

- ALL CONCRETE BLOCK UNITS SHALL BE STANDARD WEIGHT CRADE "N", CONFORMING TO ASTM C-90. (F'm = 1500 PSI)
- 2) ALL SLUMPED BLOCK UNITS SHALL BE GRADE "N", CONFORMING TO ASTM C-90. (F'm = 1500 PSI)
- 3) CEMENT MORTAR SHALL CONSIST OF ONE PART CEMENT TO 3 1/2 SAND TO 1/4 LIME PUTTY. CEMENT MORTAR SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS.
- ALL CELLS CONTAINING HORIZONTAL OR VERTICAL REINFORCING STEEL, BOLTS, OR INSERTS SHALL BE GROUTED. WHERE REINFORCING STEEL, ETC., OCCURS IN OR ADJACENT TO MORTAR JOINTS, THE CELLS ON EACH SIDE OF SAID STEEL, ETC., SHALL BE GROUTED. WHERE BLOCK WALL IS RETAINING EARTH OR IN CONTACT WITH EARTH, SUCH PORTION OR WALL SHALL BE GROUTED SOLID.
- 5) CLEANOUT OPENINGS SHALL BE PROVIDED AT BOTTOM OF ALL VERTICALLY GROUTED CELLS IF GROUT LIFT EXCEEDS 4'-0". MAXIMUM GROUT LIFT IS 6'-0".
- 6) WALL SHALL NOT BE GROUTED UNLESS SO SPECIFIED ON THE PLANS. WIRE MESH SHALL BE USED TO FORM HORIZONTALLY (PAPER, CARDBOARD. ETC., SHALL NOT BE USED).
- 7) ALL MASONRY WALLS IN EXCESS OF 10'-0" IN HEIGHT SHALL BE BRACED TO WITHSTAND A WIND LOAD OF 110 MPH BASIC WIND SPEED (3-SECOND GUST) APPLIED PERPENDICULAR TO WALL IN EITHER DIRECTION. BRACING SHALL REMAIN IN PLACE UNTIL ROOF DIAPHRAM (ETC.) IS COMPLETE ENOUGH TO SUPPORT THE WALL.

<u>DINSION 5 - METALS</u>

I. MISCELLANEOUS METALS

- A. CUSTOM FABRICATE FERROUS METAL ITEMS 16 GAUGE AND HEAVIER. REFER TO DRAWINGS AND DETAILS.
- B. MATERIALS:
 FURNISH GALVANIZED STRUCTURAL STEEL 'C' STUDS SIZES,
 MINIMUM 18 GAGE OR AS INDICATED ON DRAWINGS AND AS
 REQUIRED WITH ALL NECESSARY ACCESSORIES.
- C. INSTALLATION:
 INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH
 MANUFACTURER'S PRINTED OR WRITTEN INSTRUCTIONS AND
 RECOMMENDATIONS UNLESS OTHERWISE INDICATED. INSTALL
 CONTINUOUS TRACKS—SIZED TO MATCH STUDS, SECURE TRACKS
 AS RECOMMENDED BY STUD MANUFACTURER FOR TYPE OF
 CONSTRUCTION INVOLVED.
- SET STUDS PLUMB, EXCEPT AS NEEDED FOR DIAGONAL BRACING OR REQUIRED FOR NON-PLUMB WALLS OR WARPED SURFACES AND SIMILAR REQUIREMENTS.

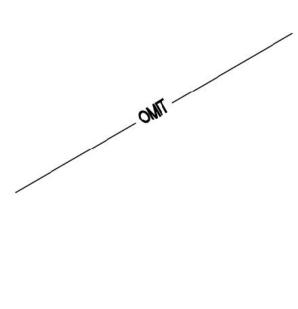
C. INSTALLATION - CONT.

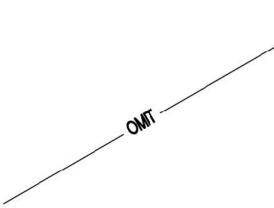
INSTALL SUPPLEMENTARY FRAMING, BLOCKING AND BRACING IN METAL FRAMING SYSTEM WHENEVER WALLS OR PARTITIONS ARE INDICATED TO SUPPORT FIXTURES, EQUIPMENT, SERVICES, CASEWORK, HEAVY TRIM AND FURNISHINGS, AND SIMILAR WORK.

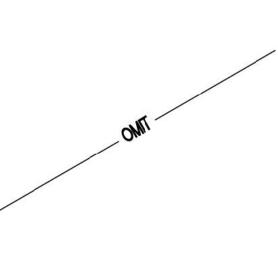
SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY EITHER WELDING OR SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES.

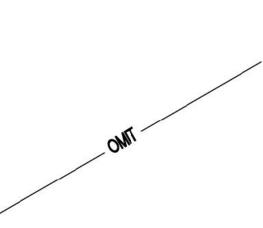
INSTALL HORIZONTAL STIFFENERS IN STUD SYSTEM AS REQUIRED, SPACES (VERTICAL DISTANCE) AT NOT MORE THAN 4'-6" O.C.

DIVISION 6 - WOOD AND PLASTICS - NOT USED









DIVISION 7 - THERMAL AND MOISTURE PROTECTION

1. ENERGY COMPLIANCE

- A. FIXED WINDOWS (GLASS): SHALL BE SEALED TO LIMIT AIR INFILTRATION.
- B. HOLLOW METAL OR SOLID CORE WOOD DOORS: PROVIDE VINYL OR SHEET METAL WEATHER SEAL AT HEAD, JAMB AND SILL AT EXTERIOR DOORS.
- C. EXTERIOR STOREFRONT HINGED DOORS: PROVIDE VINYL SEAL AT SILL AND CONTINUOUS PILE WEATHER—STRIP VERTICALLY AND AT TOP RAILS.
- D. OPEN EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AT PENETRATION OF UTILITIES THROUGH THE ENVELOPE, SHALL BE SEALED CAULKED OR WEATHER—STRIPPED TO LIMIT AIR LEAKAGE.

2. BUILDING INSULATION

A. WORK INCLUDED

1) FURNISH AND INSTALL RIGID, THERMAL BATT, AND SOUND BATT

B. PRODUCTS: CONFIRM WITH OWNER PRIOR TO BID

- 1) RIGID INSULATION: JOHNSMANVILLE FESCO BOARD ROOF INSULATION (1" THICK) OVER JOHNSMANVILLE ENERGY 3 POLY— ISOCYANURATE BOARD ROOF INSULATION (3" THICK). MINIMUM R-19 RATING FOR FESCO BOARD AND RIGID INSULATION WITH IN THE ROOF ASSEMBLY. ADHERE TO ROOF SHEATHING PER MANUFACTERS RECOMENDATIONS AND U.L 901 UPLIFT REQUIREMENTS
- 2) BATT INSULATION: R-19, R-13, R-11 AS SHOWN ON PLANS, KRAFT FACED WITH STAPLING FLANGE FOR WOOD STUD WALL CONSTRUCTION, FOIL REIN-FORCED KRAFT FACING (FRK) WITH STAPLING FLANGE FOR WOOD STUD APPLICATION IN ATTIC AREAS (FS-25 WITH FLAME SPREAD OF 25). AS MANUFACTURED BY OWENS/CORNING FIBERGLASS, OR EQUAL.
- 3) SOUND BATT INSULATION: NON-COMBUSTIBLE MINERAL FIBERGLASS BATT WITH MINIMUM 3 1/2" THICKNESS.
- 4) VAPOR BARRIER: REINFORCED POLYETHYLENE FILM FOR USE IN ABOVE GRADE BUILDING CONSTRUCTION, 10 MIL MINIMUM THICKNESS. STEGO WRAP VAPOR BARRIER OR EQUAL.

B. MEMBRANE ROOFING

A. WORK INCLUDED

- PROVIDE AND INSTALL MEMBRANE ROOFING AND BASE FLASHING AS CALLED OUT ON THESE PLANS AND/OR SPECIFICATIONS.
- B. MATERIALS: CONFIRM WITH OWNER PRIOR TO BID
-) PROVIDE 40 MIL TPO MEMBRANE ROOF SYSTEM. MINIMUM 15 YEAR WARRANTY, ROOFING INSTALLATION BY MANUF. CERTIFIED INSTALLER.

C. INSTALLATION

- ROOFING SHALL BE INSTALLED OVER DECK OR INSULATED DECK, WHERE APPLICABLE, IN STRICT ACCORDANCE WITH THE MANUFACTURERS LATEST RECOMMENDATIONS.
- 2) ROOFING CONTRACTOR SHALL FURNISH AND INSTALL ASPHALT IMPREGNATED FIBER CANT STRIPS AT ALL VERTICAL JUNCTIONS OF WALLS AND ROOF..
- 3) PRIME ALL METAL FLASHING, ETC. THAT WLL BE IN CONTACT WITH ROOFING MATERIALS, WITH ASPHALT PRIMER AND ALLOW TO DRY BEFORE ROOFING MATERIALS ARE APPLIED.

D. WARRANTY

SUB-CONTRACTOR SHALL FURNISH A FIFTEEN (15) YEAR, NO DOLLAR LIMIT (NDL), WARRANTY FOR THIS INSTALLATION.

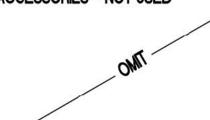
4. FLASHING AND SHEET METAL

- FURNISH AND INSTALL ALL FLASHING, SHEET METAL, PITCH POCKET PANS AND SCUPPERS NOT SPECIFICALLY DESCRIBED IN OTHER SECTIONS OF THESE SPECIFICATIONS, BUT REQUIRED TO PREVENT WATER PENETRATION THROUGH EXTERIOR BUILDING SHELL, INCLUDING FLASHING, CAPS, AND ROOF EQUIPMENT PLATFORM COVERS.
- B. COMPLY WITH APPLICABLE RECOMMENDATIONS AND DETAILS OF THE "ARCHITECTURAL SHEET METAL MANUAL", BY SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (S.M.A.C.N.A.).
- C. INSTALL SHEET METAL OVER A LAYER OF ROOFING FELT.

D. GALVANIZED IRON

- SHEET METAL OR IRON SHALL BE A STANDARD BRAND OF OPEN-HEARTH, COPPER-BEARING STEEL, COPPER-MOLYBDENUM IRON, OR PURE IRON SHEETS. USE 24 GAUGE MINIMUM UNLESS OTHERWISE CALLED FOR ON THE DRAWINGS.
- 2) ZINC COATING
- a. ALL GALVANIZED SHEETS SHALL HAVE A ZINC COATING APPLIED BY HOT-DIP PROCESS TO ALL SURFACES.
- b. ZINC COATING SHALL WEIGH NOT LESS THAN 1 1/4 OUNCES PER SQ. FT. NOR MORE THAN 1 1/2 OUNCES PER SQ. FT. OF SURFACES COVERED AND SHALL CONFORM WITH ASTM A-93.

5. ROOF ACCESSORIES - NOT USED



6. CAULKING AND SEALANTS

A. GENERAL BUILDING APPLICATIONS

- 1) FOR JOINTS WHERE MOVEMENT IS ANTICIPATED, USE A.C. HORN HORNFLEX (POLYSULFIDE) ONE COMPONENT SYSTEM IN THE COLOR WHICH MOST CLOSELY MATCHES THE ADJACENT SURFACES. SEALANT TO HAVE A SHORE "A" HARDNESS OF 20 TO 30.
- 2) FOR DRY JOINTS BETWEEN DISSIMILAR MATERIALS WHERE LITTLE MOVEMENT IS ANTICIPATED, USE A.C. HORN HORNSEAL ELASTONERIC CAULK (BUTYL RUBBER) ONE COMPONENT SYSTEM IN THE COLOR WHICH MOST CLOSELY MATCHES ADJACENT SURFACES.
- GLAZING AND KITCHEN APPLICATIONS: GENERAL ELECTRIC SILICON CONSTRUCTION 1200 SEALANT.
- 4) SHEET METAL FLASHING AND COPING: GENERAL ELECTRIC SILPRUF SILICON WEATHER PROOFING SEALANT.
- 5) SUB-CONTRACTOR SHALL INCLUDE IN HIS WORK THE FOLLOWING:
 AFTER ALL EQUIPMENT AND WALL MATERIALS ARE INSTALLED, ALL JOINTS TO
 WALLS AND BASES SHALL BE SEALED WITH SILICONE SEALANT.
- ALL INSIDE VERTICAL CERAMIC TILE CORNERS SHALL RECEIVE A TOOLED BEAD OF SILICONE SEALANT.

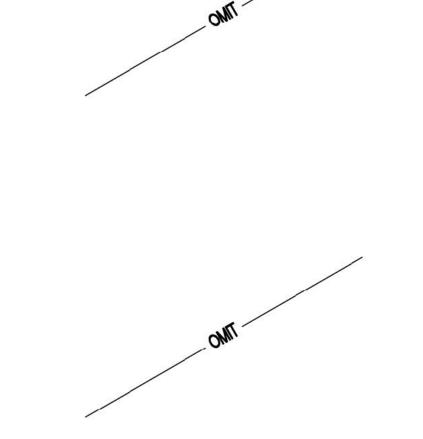
DIVISION 8 - DOORS AND WINDOWS

METAL DOORS AND FRAMES

A. WORK INCLUDED

- FURNISH AND INSTALL METAL DOORS AND DOOR FRAMES AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- B. MATERIALS
- DOORS AND FRAMES SHALL BE EQUIVALENT TO STEELCRAFT, LABELED OR NONLABELED AND SIZE AS INDICATED ON DRAWINGS.
- 2) STEEL DOORS SHALL BE FULL-FLUSH DESIGN L-18 (18 GAUGE) REINFORCED FOR FINISH HARDWARE AND WITH BAKED ON PRIME PAINT STEEL FRAMES SHALL BE FURNISHED KNOCKED DOWN, TYPE F-16 (16 GAUGE). MITERED CORNERS SHALL HAVE HEAVY REINFORCEMENTS WITH FOUR TABS FOR SECURING AND INTERLOCKING JAMB TO HEAD. PROPER REINFORCEMENT AND CUTOUT FOR FINISH HARDWARE. FRAMES SUPPLIED WITH SUITABLE JAMB AND BASE ANCHORS, RUBBER BUMPERS AND PRIME PAINTED.

2. WOOD DOORS - NOT USED



3. GLAZING

- A. DOUBLE GLAZING: EQUAL TO PILKINGZON "OPTIFLOAT" CLEAR FLOAT GLASS TYPE: AIR-FILLED I.G. UNIT WITH SOLARE SOLAR CONTROL LOW-E INBOARD NUMBER 2 SURFACE. TOTAL THICKNESS OF PANEL IS ONE INCH AT STOREFRONT AND ONE HALF INCH AT GLASS DOORS. NOMINAL GLASS THICKNESS IS 1/4 INCH AT STOREFRONT AND 3/16" AT GLASS DOORS.
- B. ALL GLAZING SHALL CONFORM TO CONSUMER PRODUCT SAFETY COMMISSION STANDARD 16 CFR, PART 1201.

4. ALUMINUM STOREFRONT SYSTEM

MANUFACTURER AND TYPE: THE SYSTEM SHALL BE AS NOTED ON THE DRAWNGS AS MANUFACTURED BY: KAWNEER COMPANY, INC., NORTHRUP ARCHITECTURAL

SYSTEM OR APPROVED EQUAL A. WINDOW WALL SYSTEM AND DOORS

- TYPE: STRUCTURALLY REINFORCED, EXTRUDED ALUMINUM FRAMING COMPLETE WITH GLASS, NON-STRETCH HIGH SHORE VINYL AND ANCHORAGE ATTACH—MENTS AND SHIMS REQUIRED TO SECURE WINDOW WALLS TO BUILDING STRUCT—
- 2) DOORS: SHALL BE MEDIUM STILE TYPE WITH 10" BOTTOM. PROVIDE REINFOR—
- CING FOR OVERHEAD CLOSERS. SEE SECTION ON ENERGY COMPLIANCE.

 3) FINISH: EXPOSED ALUMINUM SURFACES: SEE PLAN

B. COMPONENTS AND MATERIALS

Each subcontractor that is hired on this project shall adhere to the requirements

their requirements under these requirements and any additional work that may be

required by the owner prior to bid, awarding of contract and start of construction

within in these drawings. Coordinate with owner prior to bid and installation.

It is the responsibility of EACH subcontractor to ensure they understand

FRAMES: SIZES AS SHOWN ON THE DRAWINGS, COMMERCIAL QUALITY EXTRUDED ALUMINUM (ASTM B221), COMPLETE WITH MATCHING PROFILE STOPS TO SUIT FRAMES AND OF ADEQUATE SIZE TO PROVIDE SUFFICIENT BITE ON GLASS, AND DRILLED HOLES, DEFLECTOR PLATES AND INTERNAL FLASHING TO ACCOMMODATE INTERNAL WEEP AND DRAINAGE SYSTEM.



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Any revision or partial revision of these drawings without the permission of DBL ARCHITECTURE + INC. shall constitute a breech of contract. Any claims arising from such revisions shall not be

from such use shall not be enforceable.

Construction from these drawings shall only commence upon receipt of a full permit as issued by the appropriate government body. Any construction without the total permit shall constitute a breech of contract. Any claims arising from such construction shall not be enforceable.

PROJECT:

GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

CONTRACT INITIATION
June 20, 2025

AS-BUILD MEASURING COMPLETE

6/20/25

OWNER'S DESIGN REVIEW

FINAL SITE PLAN SUBMIT/RESUBMIT

6/23/25

CONDITIONAL USE SUBMIT

N/A
PLANS PERMIT SUBMIT

7/24/25

?/?/25

GENERAL

PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

REVISED PER CITY

REVISED PER OWNER ?/?/25
SHEET TITLE:

SPECIFICATIONS

SHEET NO:

PROJECT NUMBER :

DIVISION 8 - DOORS AND WINDOWS - CONT.

6. FINISH HARDWARE

A. SECURITY NOTES

- 1) ALL PIN-TYPE HINGES WHICH ARE ACCESSIBLE FROM OUTSIDE THE SECURED AREA WHEN THE DOOR IS CLOSED SHALL HAVE NON-REMOVABLE HINGE PINS. IN ADDITION, THEY SHALL HAVE 1/4" MINIMUM DIAMETER STEEL JAMB STUDS WITH 1/4" MINIMUM PROJECTION, UNLESS THE HINGES ARE SHAPED TO PREVENT DOOR REMOVAL IF HINGE PINS ARE REMOVED.
- 2) STRIKE PLATES FOR LATCHES AND HOLDING DEVICES FOR PROJECTING DEAD-BOLTS IN WOOD CONSTRUCTION SHALL BE SECURED TO THE JAMB AND WALL FRAMING WITH SCREWS NOT LESS THAN 2 1/2" IN LENGTH.
- 3) DEAD BOLTS SHALL CONTAIN HARDENED INSERTS.
- 4) STRAIGHT DEAD BOLTS SHALL HAVE A MINIMUM THROW OF 1" AND AN EMBED-MENT OF NOT LESS THAN 5/8".
- 5) HOOK SHAPED OR EXPANDING LAG DEAD BOLTS SHALL HAVE A MINIMUM THROW OF 3/4".

CYLINDER GUARDS SHALL BE INSTALLED ON ALL CYLINDER LOCKS WHENEVER THE CYLINDER PROJECTS BEYOND THE FACE OF THE DOOR OR IS OTHERWISE ACCESS—

B. NOTES- HARDWARE

- 1) ALL LOCKSETS SHALL BE EQUIPPED WITH SIX (6) PIN INTERCHANGEABLE CORES.
- 2) KEYING: ALL CYLINDERS SHALL BE REMOVABLE CORE, MASTER KEYED TO
- 3) PROVIDE A SIGN AT EACH STOREFRONT DOOR STATING: "THIS DOOR MUST REMAIN UNLOCKED DURING BUSINESS HOURS". LETTERS SHALL NOT BE LESS THAN 1" HIGH ON A CONTRASTING BACKGROUND. THE SIGN SHALL BE INSTALLED BY THE GENERAL CONTRACTOR
- 4) THE ALUMINUM STOREFRONT DOOR FABRICATOR SHALL INSTALL THE DEADBOLT CYLINDER AND LOCK HARDWARE PRIOR TO DOOR DELIVERY TO THE SITE.
- C. TOILET ROOM ACCESSORIES

 SEE ARCHITECTURAL PLANS FOR TOILET FIXTURE SCHEDULE

DIVISION 9 - FINISHES

1. LATH AND PLASTER -SEE SPEC PACKAGE PROVIDED BY OWNER

A. WORK INCLUDE

LATH AND PLASTER WORK INCLUDES EXTERIOR PORTLAND CEMENT PLASTER SCRATCH AND BROWN COATS AND A TEXTURED FINISH COAT. ALL WORK TO BE COMPLETE WITH REQUIRED GROUNDS AND ACCESSORIES. PLASTER ON STUDS TO BE OVER LAYER GRADE "B" OF BUILDING PAPER AND PAPER BACKED, WIRE FABRIC LATH. METAL LATH ON EXTERIOR WALLS TO RECEIVE CERAMIC TILE WHERE SHOWN ON DRAWINGS.

B. PLASTER MATERIALS

- 1) PORTLAND CEMENT- TYPE I, CONFORMING TO REQUIREMENTS OF ASTM
- 2) HYDRATED LIME- NORMAL FINISHING TYPE CONFORMING TO ASTM C35.
- 3) AGGREGATE- NATURAL SAND, CONFORMING TO ASTM C35.
- 4) WATER— CLEAN, POTABLE, FRESH AND FREE FROM INJURIOUS AMOUNTS OF ACID, ALKALI, ORGANIC MATTER OR OTHER DELETERIOUS SUBSTANCES.

C. CEMENT PLASTER BASE MIXES

- 1) MIX AND PROPORTION CEMENT PLASTER AS FOLLOWS:
- a. SCRATCH COAT- 1 PART CEMENT, 1/2 TO 3/4 PART LIME, 3 TO 4
- BROWN COAT- 1 PART CEMENT, 1/2 TO 3/4 PART LIME, 3 TO 4 PARTS AGGREGATE.
- c. FINISH COAT- 1 PART WHITE CEMENT, 3/4 TO 1 PART LIME, 3 PARTS AGGREGATE. FLOAT FINISH WITH SAND TEXTURE.
- 2) MIX ONLY AS MUCH PLASTER AS CAN BE USED IN ONE (1) HOUR.
- 3) MIX MATERIALS DRY, TO UNIFORM COLOR AND CONSISTENCY, BEFORE ADDING
- WATER.
- 4) PROTECT MIXES FROM FROST, DUST AND EVAPORATION.5) DO NOT RETEMPER MIXES AFTER INITIAL SET HAS OCCURRED.

D. METAL LATH AND ACCESSORIES

DETAILS AND SPECIFICATIONS ARE BASED ON THESE PRODUCTS. SUBSTITUTIONS MUST BE EQUAL IN FUNCTION AND DESIGN.

- 1) WIRE FABRIC LATH— SINGLE PLY, PRE—FURRED, PAPER BACKED, 1 1/2 X 17 GAUGE, HEXAGON SHAPED, GALVANIZED, WOVEN WIRE STUCCO NETTING IS FIRMLY ADHERED TO WEATHER RESISTANT, GRADE "D" ASPHALT IMPREGNATED PAPER BACKING WITH WATERPROOF ADHESIVE. AVAILABLE IN ROLLS. "PLASTERBAK" BY DAVISWALKER CORPORATION, OR "STUCCO NETTING" BY K—LATH, 3.4# GALVANIZED METAL LATH AT EXTERIOR SOFFITS.
- 2) TILE AT PLYWOOD SHEATHED WALLS— INSTALL GRADE "B" BUILDING FELT UNDERLAYMENT TO RECEIVE PAPER BACKED LATH.
- 3) BUILDING PAPER- GRADE "D" AND GRADE "B".
- 4) ACCESSORIES— EXPANSION CONTROL SCREED NO. J-4-U-7/8" WITH 1/4" GAP, 26 GAUGE GALVANIZED STEEL; SEPARATION SCREED 17-7/8", 26 GAUGE GALVANIZED STEEL; SOFFIT AND FOUNDATIONS DRIP MOULD NO. 5, 24 GAUGE GALVANIZED STEEL BY "SUPERIOR METAL TRIM PRODUCTS".

2. GYPSUM DRYWALL

ALL GYPSUM DRYWALL TO BE:

- A. FIRE—RATED GYPSUM WALLBOARD— ASTM C63078. USE 4 FEET WIDE SHEETS WITH LONG TAPERED EDGE. THICKNESS SHALL BE 5/8". UNITED STATES GYPSUM CO. SHEETROCK W/R FIRECODE "C" FOR FIRE RATED PANELS. SEAL ALL EXPOSED AND CUT EDGES PER MANUFACTURERS RECOMMENDATIONS. USE MOISTURE RESIS—TANT GYPSUM BOARD IN AREAS SPECIFIED ON THE PLANS. EACH SHEET SHALL BE MARKED BY THE MANUFACTURER INDICATING THE MOISTURE RESISTANT CAPA—BILITIES OF THE PRODUCT.
- B. INSTALL GYPSUM WALLBOARD WITH LONG DIMENSIONS PERPENDICULAR TO FRAMING.
- 1) NAILS- NO. 13 GAUGE, 1 3/8" LONG, 19/64" HEAD ANNULAR RING NAIL;
- 7" ON CENTER AT CEILING, 8" ON CENTER AT WALLS.

 2) SCREWS— METAL SUSPENSION. SYSTEM, TYPE "S—12" BUGLE, 3/8" MINIMUM
- PENETRATION IN METAL FRAMING.

 3) METAL EDGES SHALL BE APPLIED AT ALL EXPOSED CORNERS, ENDS, ETC.
- 4) ACCESS PANELS: INRYCO/MILCOR, (414) 383-4030; TYPE "M" WITH FLUSH SCREWDRIVER OPERATED LOCKS.
- a. IN GYPSUM DRYWALL AND CEILINGS USE PRIME COATED STEEL.b. IN TILE FINISH WALLS AND "FRP" FINISH WALLS USE STAINLESS STEEL FRAMES
- FRAMES AND PANELS.

 D. INSTALL GYPSUM WALLBOARD IN ACCORDANCE WITH THE MANUFACTURER'S

5. LAY-IN CEILING TILE - NOT USED

WRITTEN INSTRUCTIONS.



6. PAINTING AND STAINING

A. APPLICATION

- 1) GENERAL: THE FINISHED SURFACE SHALL BE FREE FROM RUNS, SAGS, DROPS, RIDGES, WAVES, LAPS, BRUSH MARKS AND VARIATIONS IN COLOR, TEXTURE
- 2) COATING PROCESS: SUFFICIENT TIME SHALL ELAPSE BETWEEN SUCCESSIVE COATS TO PERMIT PROPER DRYING.
- 3) STORAGE, MIXING, AND THINNING:
- GENERAL: AT TIME OF APPLICATION, PAINT SHALL SHOW NO SIGNS OF HARD SETTLING, EXCESSIVE SKINNING, LIVERING OR OTHER DETERIOR— ATION. PAINT SHALL BE THOROUGHLY STIRRED, STRAINED AND KEPT AT A UNIFORM CONSISTENCY DURING APPLICATION.
- b. STORAGE: THE PAINTER SHALL STORE ALL MATERIALS AND EQUIPMENT IN A ROOM ASSIGNED FOR THAT PURPOSE. PRECAUTIONS SHALL BE TAKEN TO REDUCE FIRE HAZARD AND THE ROOM SHALL BE KEPT CLEAN AND IN GOOD CONDITION.

4) CLEANING UP

- a. DURING PROGRESS OF THE WORK, DO NOT ALLOW THE ACCUMULATION OF EMPTY CONTAINERS OR OTHER EXCESS ITEMS EXCEPT IN AREAS SUFFICIENTLY SET ASIDE FOR THAT PURPOSE.
- b. SCHEDULE ALL CLEANING AND PAINTING SO THAT DUST AND OTHER CONTAMINANTS FROM THE CLEANING PROCESS WILL NOT FALL ON WET, NEWLY PAINTED SURFACES.

5) PREPARATION OF METAL SURFACES

GALVANIZED METAL: CLEAN ALL SURFACES THOROUGHLY WITH SOLVENT UNTIL THEY ARE COMPLETELY FREE FROM DIRT, OIL AND GREASE. ALLOW TO DRY THOROUGHLY BEFORE APPLICATION OF PAINT.

6) EXTRA PAINT

CONTRACTOR SHALL PROVIDE ONE (1) GALLON OF UNOPENED PAINT, STAIN AND SEALER OF EACH COLOR AND TYPE USED IN LABELED, COVERED CANS FOR THE OWNER. PLACE IN CARTONS FOR STORAGE.

7) EXTERIOR PAINTING

a. METAL:

ONE COAT PRIMER
TWO COATS PER SCHEDU

TWO COATS PER SCHEDULE NOTE: PRIMER MAY BE ELIMINATED IF ITEM IS FACTORY PRIMED

b. STUCCO: PAINTED TWO (2) COATS PER SCHEDULE

ONE COAT PRIMER

TWO COATS PER SCHEDULE
c. CONCRETE MASONRY (EXPOSED):

ONE COAT SEALER (40 SQ. FT. PER GALLON)
TWO COATS MASONRY PAINT PER SCHEDULE

_____ OMIT ____

8) INTERIOR PAINTING

a. METAL:

SAME AS EXTERIOR METAL

------ OMIT-----

c. SMOOTH FINISH GYPSUM BOARD WALLS: FLAT COAT WALL PRIMER ONE COAT PER SCHEDULE

ONE COAT WALL PRIMER TWO COATS PER SCHEDULE

e. INSIDE THROATS OF AIR CONDITIONING SUPPLIES AND RETURNS IN

PUBLIC AREAS. SPRAY BLACK TO A POINT OUT OF VIEW.

DIVISION 10 - SPECIALTIES

1. PORTABLE FIRE EXTINGUISHERS

A. APPLICATIONS

1) PER REQUIREMENT OF INTERNATIONAL FIRE CODE 904.11.5

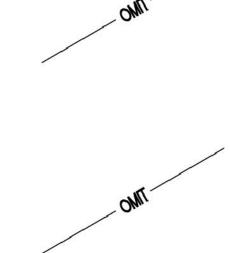
WALL VEN

A. GALVANIZED STEEL FRAME AND 45 DEG. BLADES, INSECT SCREEN, PRIME COATED. SEE DRAWINGS FOR SIZE.

3. TRASH ENCLOSURE GATES - NOT USED



4. FOOD SERVICE EQUIPMENT - NOT USED



5. RELATED WORK DESCRIBED ELSEWHERE

. PLUMBING

- 1) WORK OF SECTION "PLUMBING" INCLUDES SETTING OF FAUCETS AND CONNECTIONS TO SERVICES, INTERCONNECTIONS OF EQUIPMENT, FLOOR DRAINS IN THE VICINITY OF INDIRECT DRAIN OUTLETS, FAUCETS AND TRIM.
- B. ELECTRICAL
- 1) ALL LINE SWITCHES, SAFETY CUT-OUTS, CONTROL PANELS, FUSE BOXES AND OTHER CONTROLS, ELECTRICAL RECEPTACLES, FITTINGS AND CONNECTIONS, EXCEPT AS OTHERWISE SPECIFIED IN SECTION "ELECTRICAL". ELECTRICAL CONTRACTOR, SECTION "ELECTRICAL", WILL MAKE FINAL CONNECTIONS TO BUILDING FROM ALL JUNCTION BOXES.

6. PLUMBING

A. SEE PLUMBING DRAWINGS

7. HEATING, VENTILATING, AIR CONDITIONING AND EXHAUST HOODS

SEE MECHANICAL DRAWINGS

<u>DIVISION 11 - EQUIPMENT</u>

1. AS-BUILT DRAWINGS

A. KEEP AN ACCURATE DIMENSIONED RECORD ON REPRODUCIBLE TRANSPARENCIES OF AS-BUILT LOCATIONS, AND OF WORK WHICH IS INSTALLED DIFFERENTLY FROM

2. LOCATIONS AND ACCESSIBILITY

A. SUB-CONTRACTOR SHALL FULLY INFORM HIMSELF REGARDING PECULIARITIES AND LIMITATIONS OF SPACES AVAILABLE FOR INSTALLATION OF WORK AND MATERIALS FURNISHED AND INSTALLED UNDER THIS DIVISION. DRAWINGS INDICATE LOCATION AND ARRANGEMENT OF CONDUIT, EQUIPMENT AND OTHER ITEMS AND ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE. WORK SPECIFIED AND NOT CLEARLY DEFINED BY DRAWINGS SHALL BE INSTALLED AND ARRANGED IN A MANNER SATISFACTORY TO THE OWNER. IN EVENT CHANGES IN INDICATED LOCATIONS AND ARRANGEMENTS ARE DEEMED NECESSARY BY THE OWNER, THEY SHALL BE MADE BY THE SUB-CONTRACTOR WITHOUT ADDITIONAL CHARGES PROVIDED THAT THE CHANGES ARE ORDERED BEFORE THE WORK IS INSTALLED AND NO EXTRA MATERIALS OR LABOR ARE REQUIRED.

3. CLEANING OF EQUIPMENT, MATERIALS AND PREMISES

A. CLEAN EQUIPMENT AND MATERIALS THOROUGHLY. LEAVE SURFACES TO BE PAINTED SMOOTH AND CLEAN, READY FOR PAINTERS. CLEAN ENTIRE PREMISES OF UNUSED MATERIALS, RUBBISH, DEBRIS AND DIRT CREATED BY WORK UNDER THIS DIVISION.

4. OPERATION AND MAINTENANCE INSTRUCTIONS

A. FULLY INSTRUCT AND DEMONSTRATE TO THE OWNER'S OPERATING PERSONNEL THE PERFORMANCE, OPERATION AND MAINTENANCE OF EQUIPMENT. THE TIME ALLOWED FOR SAID INSTRUCTION SHALL BE ALLOWED FOR EACH SUB-CONTRACTOR AS PART OF THESE CONTRACT DOCUMENTS.

5. TESTING AND ADJUSTMENT

A. UPON COMPLETION OF ELECTRICAL WORK, ADJUST AND TEST CIRCUITS, OUTLETS, SWITCHES, LIGHTS, MOTORS AND TIME CLOCKS TO INSURE PROPER OPERATION OF ELECTRICAL EQUIPMENT. CHECK SERVICE VOLTAGES UNDER MAXIMUM LOAD. ITEMS, FIXTURES AND PARTS IN NEED OF CORRECTION AND DISCOVERED DURING SUCH TESTING SHALL BE IMMEDIATELY REPAIRED OR REPLACED WITH NEW EQUIPMENT, AND THAT PART OF THE SYSTEM SHALL BE RETESTED. SUCH REPLACEMENT OR REPAIR SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

DIVISION 12 - FURNISHINGS

1. NOT USED

DIVISION 13 - SPECIAL CONSTRUCTION

1. NOT USED

DMSION 14 - CONVEYING SYSTEMS

1. NOT USED

DIVISION 15 - MECHANICAL

1. SEE MECHANICAL DRAWINGS

<u>DIVISION 16 - ELECTRICAL</u>

1. SEE ELECTRICAL DRAWINGS

7-24-25

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PROJECT:

GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG

AS-BUILD MEASURING COMPLETE

FINAL SITE PLAN SUBMIT/RESUBMIT

6/20/25
CONDITIONAL USE SUBMIT

June 20, 2025

OWNER'S DESIGN REVIEW 6/23/25

PLANS PERMIT SUBMIT 7/24/25

REVISIONS:

PLANS PERMIT RESUBMIT ?/?/25

REVISED PER CITY
?/?/25
REVISED PER OWNER
2 ?/?/25

SHEET TITLE:

GENERAL SPECIFICATIONS

SHEET NO:

Each subcontractor that is hired on this project shall adhere to the requirements

their requirements under these requirements and any additional work that may be required by the owner prior to bid, awarding of contract and start of construction

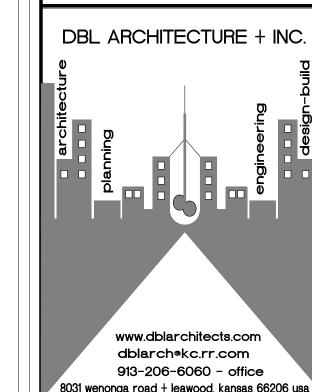
within in these drawings. Coordinate with owner prior to bid and installation. It is the responsibility of EACH subcontractor to ensure they understand

PROJECT NUMBER

		I EQUIPMENT SCH EQUIPMENT SHOWN HERE ARE USED FOR THIS	
ГЕМ	MODEL #	DESCRIPTION	ELECTRICAL/GAS REQ'M'TS
(1	TSMG-24	HEAVY DUTY MANUALLY CONTROLLED GRIDDLE	3/4" N.P.T. w/ 5.0 W.C.
(2	VULCAN LG300	GAS FRYER 35-40 LBS.	3/4" N.P.T 90,000 BTU/hr
3	TURBO AIR TSW-2460E	24x60 S.S. TABLE	
4	CAMBRO CPU-244864V5	24"x48" VENTED SHELVING	
5	CAMBRO CPSK1260V1	12"x60" VENTED SHELF	
6	EXIST'G 3 BOWL SINK	TRIPLE BOWL SINK w/ 18° DRAIN BOARD + GOOSE NECK FAUCET	
7	ADVANCE TABCO - 7-PS-60	HAND SINK w/ FAUCET	
(8	EXISTING FREEZER	ONE DOOR FREEZER	115/208-230v/60/1 5.5 AMP
9	MUSTEE ITEM #63 M	SERVICE SINK FLOOR MOUNTED	WITH SERVICE FAUCET
(10	ASHLAND POLYTRAP MODEL 4820	GPM 20 GAL. SLUDGE CAP 40 GAL. HOLDING CAP 17.6 GAL	
(11	CAPTIVE AIRE (OR EQUAL)	ROOF MOUNTED EXHAUST FAN RE: MEP's	EF-2 EXHAUST UP (40° ABOVE ROOF)
(12	MANITOWOC UD-0140A	FULL DICE ICE MACHINE - AIR	115/60/1 5.5 AMP
(13	CAPTIVE AIRE (OR EQUAL)	4'-6'x10'-0' TYPE I HOOD w/ FIRE SUPPRESSION SYSTEM TYPE ND-2 SERIES w/PSP BY CAPTIVEAIRE CO.	
<14	CAPTIVE AIRE (OR EQUAL)	HOOD CONTROLS RE: KH1-4	
<15	CAPTIVE AIRE (OR EQUAL)	HOOD FIRE SUPPRESS SYSTEM SHUT-DOWN	
<16	BRAND PER OWNER - 5 POUND 2A10BC	FIRE EXTINGUISHER WALL MOUNTED	
<17	TURBO CHEF HIGH h CONVEYOR 1618	CONVEYOR VENTLESS PIZZA OVEN	208/240/60/3 30 AMP
<18	ATOSA ATSP-18-2L	DOUBLE STOCK POT STOVE	3/4" N.P.T 160,000 BTU/hr
<19	TRUE TSSU-48-12-HC	SANDWICH/SALAD PREP REFRIG UNIT	115/60/1 5.8 Amps
<20	WATER HEATER	36,000 BTUH - 40 GAL. CAPACITY WATER HEATER	1st HOUR RATING = 67 GAL.
(21	TWO DOOR REFRIDG.	TWO DOOR REFRIGERATOR	115/60/1 4.2 AMP
<22	RICE MASTER RM-55N-R	GAS RICE MAKER	1/2" N.P.T 34,600 BTU/hr
< <u>23</u>	CMA MODEL AH	LOW TEMP DISHWASHER	115/60/1 16 AMP
<24	TOR-REY VTA-200L-UL	79' REF. MEAT + DELI CASE	115/60/1 11.1 AMP
<25	BUNN TB3-0030	ICED TEA MAKER	115/60/1 14.8 AMP
<26	BUNN SH-1.5-0001	COFFEE SERVER	115/60/1 15 AMP
(27	BUNN ITCB-DV-HV	COFFEE MAKER	115/60/1 15 AMP
<28		ICE DRINK DISPENSER	
	CORNELIUS IDC215	CE DRINK DISPENSER	115/60/1 9.3 AMP
(29	REGENCY 24x48	24x48 S.S. TABLE	
(30	REGENCY 24x36	24x36 S.S. TABLE	
(31	CAMBRO CPSK1248V1	12"x48" VENTED SHELF	
(32	CAMBRO CPSK1236V1	12"x36" VENTED SHELF	
(33	CHICKEN DISPLAY	EXISTING DISPLAY SYSTEM	115/60/1 9.3 AMP
(34	Roaster Tech TGUZ-010	HIBATCHI TABLE 108'x54'x32' GRIDDLE SIZE-24'x60'	115/60/1 1.02 AMP
(35	DISPENSE-RITE 4173	CUP DISPENSER	
(36	VOLLRATH 72020	RETHERMALIZING UNIT	
(37	SQUISH	SOUISH MACHINE	
(38	PLYMOLD SEATING 80102	MODULAR WASTE CABINET	
(39		BY OWNER	
.3 9 (40	POINT OF SALE	HOT FOOD TABLE - 3 WELLS	000/000/00/45 0/40 0 44/50
	DELFIELD EHEI48L		208/230/60/1 15.0/16.0 AMPS
<41 	BEVERAGE AIR SPE27HC	SANDWICH PREP TABLE w/ 17" CUTTING BOARD	115/60/1 2.0 AMPS







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PROJECT:

GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG:

CONTRACT INITIATION
June 20, 2025

AS-BUILD MEASURING COMPLETE

6/20/25 CONDITIONAL USE SUBMIT

N/A
OWNER'S DESIGN REVIEW

6/23/25
FINAL SITE PLAN SUBMIT/RESUBMI

N/A
PLANS PERMIT SUBMIT

7/24/25
PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

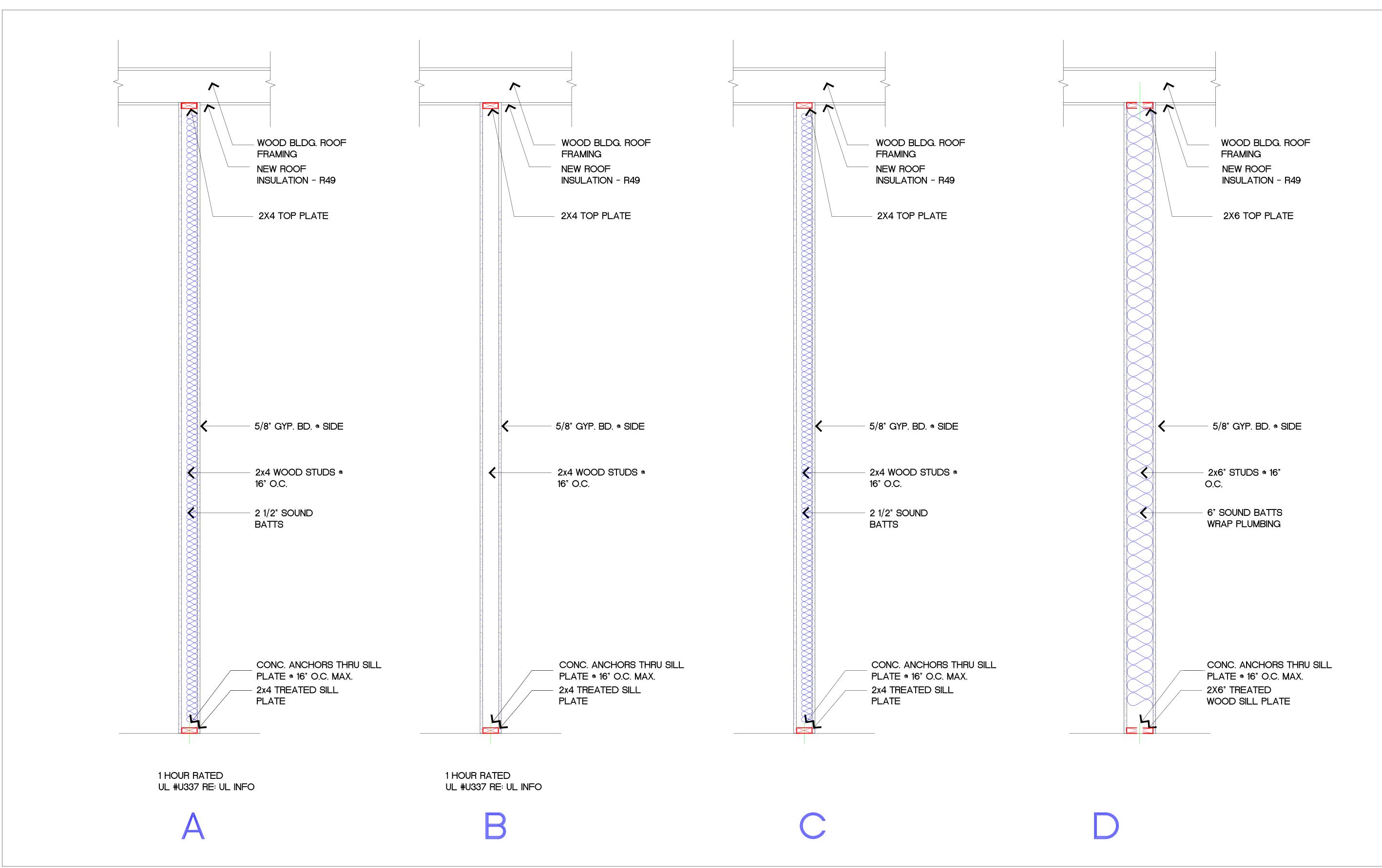
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REVISED PER OWNER
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SHEET TITLE:

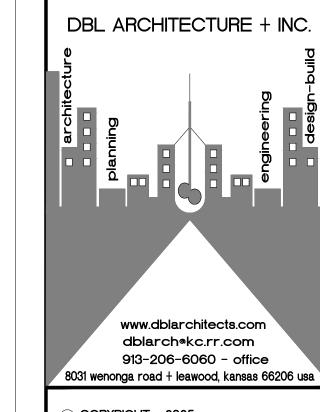
SPECIFICATIONS

SHEET NO.: A8

PROJECT NUMBER







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PROJEC

GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG:

CONTRACT INITIATION
June 20, 2025

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AS-BUILD MEASURING COMPLETE 6/20/25

CONDITIONAL USE SUBMIT
N/A
OWNER'S DESIGN REVIEW

6/23/25

FINAL SITE PLAN SUBMIT/RESUBMIT N/A

PLANS PERMIT SUBMIT 7/24/25

PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

REVISED PER CITY
?/?/25
REVISED PER OWNER

REVISED PER OWN 2 ?/?/25

SHEET TITLE:

INTERIOR WALLS

SHEET NO.:

PROJECT NUMBER :

ADDITIONAL REQUIRED PORTABLE FIRE EXTINGUISHERS IN THE INTERNATIONAL FIRE CODE IFC SECTION SUBJECT

[F] TABLE 906.1

IFC SECTION	SUBJECT
303.5	Asphalt kettles
307.5	Open burning
308.1.3	Open flames—torches
309.4	Powered industrial trucks
2005.2	Aircraft towing vehicles
2005.3	Aircraft welding apparatus
2005.4	Aircraft fuel-servicing tank vehicles
2005.5	Aircraft hydrant fuel-servicing vehicles
2005.6	Aircraft fuel-dispensing stations
2007.7	Heliports and helistops
2108.4	Dry cleaning plants
2305.5	Motor fuel-dispensing facilities
2310.6.4	Marine motor fuel-dispensing facilities
2311.6	Repair garages
2404.4.1	Spray-finishing operations
2405.4.2	Dip-tank operations
2406.4.2	Powder-coating areas
2804.3	Lumberyards/woodworking facilities
2808.8	Recycling facilities
2809.5	Exterior lumber storage
2903.5	Organic-coating areas
3006.3	Industrial ovens
3104.12	Tents and membrane structures
3206.1	Rack storage
3315.1	Buildings under construction or demolition
3317.3	Roofing operations
3408.2	Tire rebuilding/storage
3504.2.6	Welding and other hot work
3604.4	Marinas
5203.6	Combustible fibers
5703.2.1	Flammable and combustible liquids, general
5704.3.3.1	Indoor storage of flammable and combustible liquids
5704.3.7.5.2	Liquid storage rooms for flammable and combustible liquids
5705.4.9	Solvent distillation units
5706.2.7	Farms and construction sites—flammable and combustible liquids storage
5706.4.10.1	Bulk plants and terminals for flammable and combustible liquids
5706.5.4.5	Commercial, industrial, governmental or manufacturing establishments—fuel dispensing
5706.6.4	Tank vehicles for flammable and combustible liquids
5906.5.7	Flammable solids
6108.2	LP-gas

[F]TABLE 906.3(1) FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS

	LIGHT	ORDINARY	EXTRA
	(Low)	(Moderate)	(High)
	HAZARD	HAZARD	HAZARD
	OCCUPANCY	OCCUPANCY	OCCUPANCY
Minimum Rated Sin- gle Extinguisher	2-A°	2-A	4-A ^a
Maximum Floor Area	3,000	1,500	1,000
Per Unit of A	square feet	square feet	square feet
Maximum Floor Area for Extinguisher ^b	11,250	11,250	11,250
	square feet	⊁square feet	square feet
Maximum Travel Distance to Extin- guisher	75 feet	75 feet	75 feet

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929m^2 , 1 gallon = 3.785 L.

- a. Two 2¹/₂-gallon water-type extinguishers shall be deemed the equivalent of one 4-A rated extinguisher.
- b. Annex E.3.3 of NFPA 10 provides more details concerning application of the maximum floor area criteria.
- c. Two water-type extinguishers each with a 1-A rating shall be deemed the equivalent of one 2-A rated extinguisher for Light (Low) Hazard Occupancies.

[F] 906.3.2 Class B fire hazards. Portable fire extinguishers for occupancies involving flammable or combustible liquids with depths less than or equal to 0.25-inch (6.35 mm) shall be selected and placed in accordance with Table 906.3(2).

Portable fire extinguishers for occupancies involving flammable or combustible liquids with a depth of greater than 0.25-inch (6.35 mm) shall be selected and placed in accordance with NFPA 10.

[F] TABLE 906.3(2) FIRE EXTINGUISHERS FOR FLAMMABLE OR COMBUSTIBLE LIQUIDS WITH DEPTHS LESS THAN OR EQUAL TO 0.25 INCH

TYPE OF HAZARD	BASIC MINIMUM EXTINGUISHER RATING	MAXIMUM TRAVEL DISTANCE TO EXTINGUISHERS (feet)
Light (Low)	5-B 10-B	30 50
Ordinary (Moder- ate)	10-B 20-B	30 50
Extra (High)	40-B 80-B	30 50

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

Note: For requirements on water-soluble flammable liquids and alternative sizing criteria, see Section 5.5 of NFPA 10.

[F] 906.3.3 Class C fire hazards. Portable fire extinguishers for Class C fire hazards shall be selected and placed on the basis of the anticipated Class A or B hazard.

[F] 906.3.4 Class D fire hazards. Portable fire extinguishers for occupancies involving combustible metals shall be selected and placed in accordance with NFPA 10.

[F] 906.4 Cooking grease fires. Fire extinguishers provided for the protection of cooking grease fires shall be of an *approved* type compatible with the automatic fire-extinguishing system agent and in accordance with Section 904.11.5 of the *International Fire Code*.

[F] 906.5 Conspicuous location. Portable fire extinguishers shall be located in conspicuous locations where they will be readily accessible and immediately available for use. These locations shall be along normal paths of travel, unless the fire code official determines that the hazard posed indicates the need for placement away from normal paths of travel.

[F] 906.6 Unobstructed and unobscured. Portable fire extinguishers shall not be obstructed or obscured from view. In rooms or areas in which visual obstruction cannot be completely avoided, means shall be provided to indicate the locations of extinguishers.

[F] 906.7 Hangers and brackets. Hand-held portable fire extinguishers, not housed in cabinets, shall be installed on the hangers or brackets supplied. Hangers or brackets shall be securely anchored to the mounting surface in accordance with the manufacturer's installation instructions.

[F] 906.8 Cabinets. Cabinets used to house portable fire extinguishers shall not be locked.

Exceptions:

- 1. Where portable fire extinguishers subject to malicious use or damage are provided with a means of ready access.
- 2. In Group I-3 occupancies and in mental health areas in Group I-2 occupancies, access to portable fire extinguishers shall be permitted to be locked or to be located in staff locations provided the staff has keys.

[F] 906.9 Extinguisher installation. The installation of portable fire extinguishers shall be in accordance with Sections 906.9.1 through 906.9.3.

[F] 906.9.1 Extinguishers weighing 40 pounds or less. Portable fire extinguishers having a gross weight not exceeding 40 pounds (18 kg) shall be installed so that their tops are not more than 5 feet (1524 mm) above the floor.

[F] 906.9.2 Extinguishers weighing more than 40 pounds. Hand-held portable fire extinguishers having a gross weight exceeding 40 pounds (18 kg) shall be installed so that their tops are not more than 3.5 feet (1067 mm) above the floor.

[F] 906.9.3 Floor clearance. The clearance between the floor and the bottom of installed hand-held portable fire extinguishers shall not be less than 4 inches (102 mm).

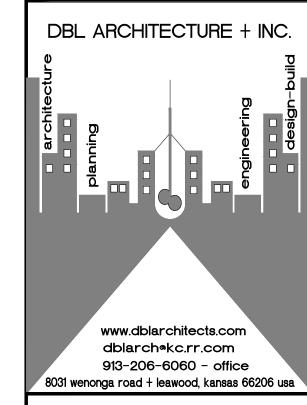
[F] 906.10 Wheeled units. Wheeled fire extinguishers shall be conspicuously located in a designated location.

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

[F] 907.1 General. This section covers the application, installation, performance and maintenance of fire alarm systems and their components.

[F] 907.1.1 Construction documents. Construction documents for fire alarm systems shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code, the *International Fire Code*, and





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PROJECT: GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG: CONTRACT INITIATION June 20, 2025

AS-BUILD MEASURING COMPLETE 6/20/25

CONDITIONAL USE SUBMIT

OWNER'S DESIGN REVIEW 6/23/25

FINAL SITE PLAN SUBMIT/RESUBMIT

N/A

PLANS PERMIT SUBMIT

PLANS PERMIT RESUBMIT ?/?/25

7/24/25

REVISIONS:

REVISED PER CITY
?/?/25
REVISED PER OWNER

SHEET TITLE:

CODE SPECIFICATIONS

SHEET NO:

PROJECT NUMBER :

Exception: In Group R-2 occupancies, portable fire extinguishers shall be required only in locations specified in Items 2 through 6 where each dwelling unit is provided with a portable fire extinguisher having a minimum rating of 1-A:10-B:C. 2. Within 30 feet (9144 mm) of commercial cooking equipment. 3. In areas where flammable or combustible liquids are stored, used or dispensed. 4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 3315.1 of the International Fire Code. 5. Where required by the *International Fire Code* sections indicated in Table 906.1. 6. Special-hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official. [F] 906.2 General requirements. Portable fire extinguishers shall be selected and installed in accordance with this section and NFPA 10. **Exceptions:** 1. The travel distance to reach an extinguisher shall not apply to the spectator seating portions of Group A-5 occupancies. 2. In Group I-3, portable fire extinguishers shall be permitted to be located at staff locations. [F] 906.3 Size and distribution. The size and distribution of

SECTION 906
PORTABLE FIRE EXTINGUISHERS

[F] 906.1 Where required. Portable fire extinguishers shall

1. In Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occu-

portable fire extinguishers shall be in accordance with Sec-

[F] 906.3.1 Class A fire hazards. The minimum sizes and

distribution of portable fire extinguishers for occupancies

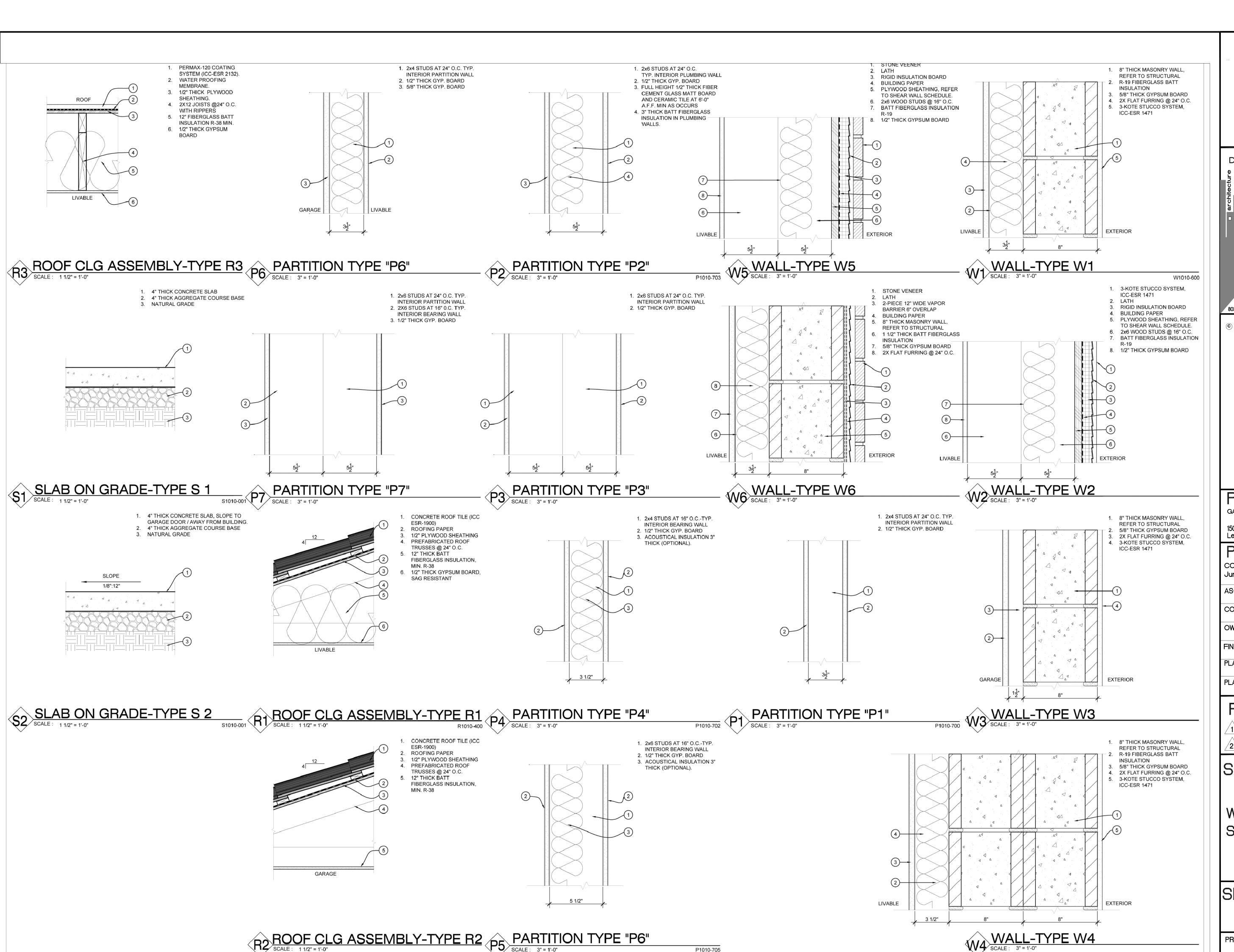
that involve primarily Class A fire hazards shall comply

tions 906.3.1 through 906.3.4.

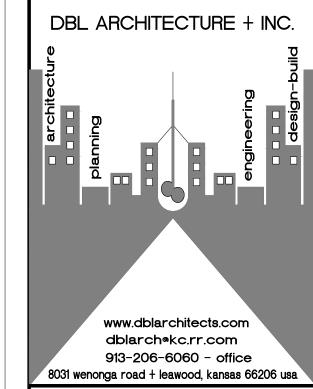
with Table 906.3(1).

be installed in the following locations.

pancies.







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150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOC

CONTRACT INITIATION
June 20, 2025

AS-BUILD MEASURING COMPLETE 6/20/25 CONDITIONAL USE SUBMIT

CONDITIONAL USE SUBMIT N/A

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6/23/25
FINAL SITE PLAN SUBMIT/RESUBMIT

N/A
PLANS PERMIT SUBMIT/RESUBM

7/24/25
PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

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?/?/25
REVISED PER OWNER

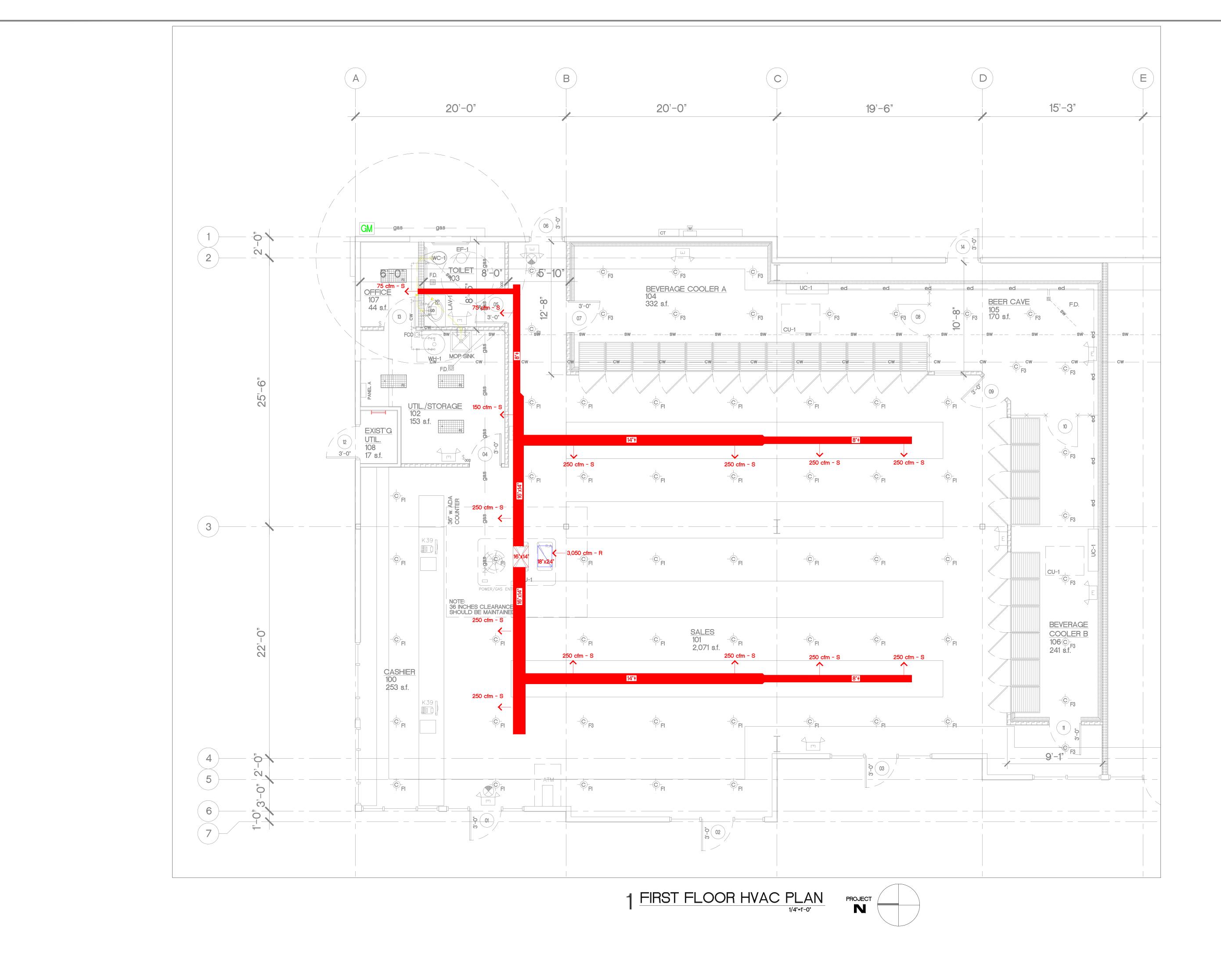
2 ?/?/25

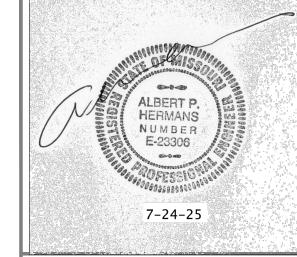
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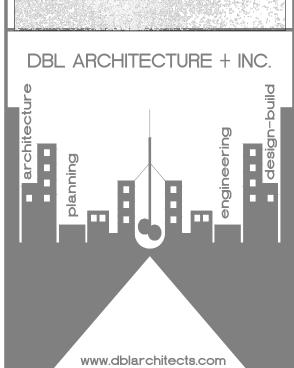
WALL TYPE
SPECIFICATIONS

SHEET NO.:

PROJECT NUMBER :







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8031 wenonga road + leawood, kansas 66206 usa

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PLANS PERMIT SUBMIT 7/24/25

PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

REVISED PER CITY
?/?/25
REVISED PER OWNER

2 ?/?/25

FIRST FLOOR

HVAC PLAN

SHEET TITLE:

SHEET NO.:

M1

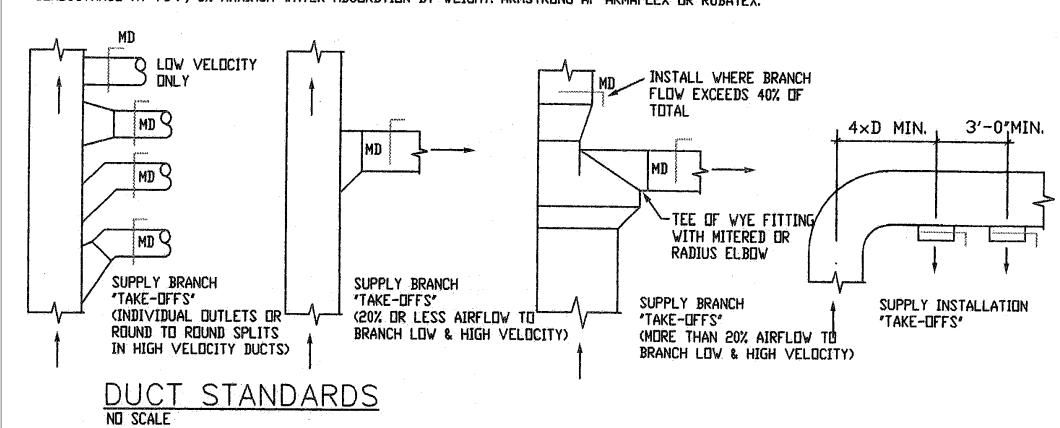
PROJECT NUMBER :

SERVICE	MATERIAL	JOINTS	FITTINGS	ONDTES
CONDENSATE DRAINS	COPPER 'M' HARD	SOLDERED OD BRAZED	VROUGHT COPPER OR CAST BRONZE	1
VENTS AND WASTE LINES (ABOVE GROUND)	SERVICE WEIGHT CAST IRON (CI)	LEAD OR TYSEAL	CAST IRON	1
SOIL LINES (BELOW GROUND) - UNDER SLAB	CAST IRON (CI)	LEAD OR TYSEAL	CAST IRON	2
REFRIGERANT AND DOMESTIC WATER PIPE - (BELOW GROUND) SMALLER THAN 3"	COPPER "K" SOFT DRAWN	SOLDERED OR BRAZED	WROUGHT COPPER OR CAST BRONZE	67
DUMESTIC WATER 3' AND LARGER	DUCTILE IRON	MECHANICAL		
DOMESTIC WATER PIPE (ABOVE GROUND)	COPPER "L" HARD ASTM C-200	SOLDERED OR BRAZED	WROUGHT COPPER OR CAST BRONZE	7
SEWER LINE PIPING (BELOW GROUND) NOT UNDER SLAB	VCP EXTRA STRENGTH ASTM C-200	ASTM C-425	ASTM C-200	1 (2
GAS PIPE (BELOV GROUND)	SCHEDULE 40, BLACK STEEL-X-TRUE COATED ABD WRAPPED	CAST IRON	CAST IRON MALLEABLE IRON	34
GAS PIPE (ABUVE GROUND)	SCHEDULE 40 BLACK STEEL	". SCREWED	CAST IRON MALLEABLE IRON	35
NOTES 1 PVC OR ABS SCHEDULE 40, SO OF APPROVAL BY LOCAL INSPITED BIDDING. CONDITIONS OF N	ECTING AUTHORITY SUBMITTE	D BELOW TO ARCHITECT AND	ENGINEER PRICE	
2 NO PVC OR ABS TO BE USED WHERE SUCH MATERIAL IS NOT	IN TYPE II CONSTRUCTION, ACCEPTABLE, OR BELOW BO	THROUGH OR IN RETURN AIR JILDING SLAB OR DRIVEWAY	PLENUMS, IN CITIES SURFACES.	
3 SCREWED GAS CONNECTION FOR AIR PLENUMS.	R 2' AND SMALLER; WELDED	CONNECTION FOR 2" AND LA	RGER, AND IN RETURN	
THREADS AND WELDS PAINTED TO BE PAINTED (COLOR BY AR PROTECTION ON GAS PIPING AS	CHITECT) TO MATCH ADJACEI	NT SURFACE, PROVIDE CATHO	IDIC LINDERGROUND	
5 CONNECT ALL GAS TO EQUIPME				
6 NO WATER FITTINGS OR CONNE	CTIONS BELOW FLOOR SLAB.	MAKE GRADUAL BEND OR RA	DIUS.	
7 PROVIDE AIR CHAMBERS 18' TA COLD WATER LINES TO PLUMBI	ALL PRIOR TO CONECTION OF	HOT/COLD WATER LINES TO	PLUMBING FIXTURES.	

P	IPE SYSTEM	INSULATION	THICKNESS	TEMP.
ROC	F DRAINS	DVENS CORNING ASU/SSL-11	1"	150°F
REF	RIGERANT SUCTION		1/2"	-20°F TD 70°F
	ESTIC HOT & COLD IZONTAL MAINS ONLY		1/2"	-20°F TD 70°F
	DICAP "P" TRAP & HOT ER UNDER LAVATORYS		1/2"	-20°F TO 70°F

INSULATE IN CONDITIONED AND UNCONDITIONED SPACES.

- * WASTE & VENT PIPING WITHIN 6 LINEAR FEET OR ROOF DRAIN OR PIPING SHALL BE INSULATED AS PER FOLLOWING ROOF DRAIN INSULATION: FIBERGLASS PIPE INSULATION - (UP TO 10" SIZES) PREFORMED FIBERGLASS UL LISTED, 0.30 BTU-IN/H-SF THERMAL CONDUCTIVITY AT 150°F, WITH ALL SERVICE JACKET, DOUBLE SELF SEALING LAP WITH 0.02 PERM./IN. OWENS CORNING ASJ-SSL-11.
- ** FLEXIBLE UNICELLULAR (UP THRU 2') UNICELLULAR ELASTOMERIC CLOSED CELL INSULATION, 0.27 BTU-IN/H-SF THERMAL CONDUCTANCE AT 75°F, 3% MAXIMUM WATER ABSORBTION BY WEIGHT. ARMSTRONG AP ARMAFLEX OR RUBATEX.



	OUTDOOR AIR VENTILATION SCHEDULE												
_	NO.	CLASS	AREA S.F.	OCCUPANTS/S.F.	CFM/S.F.	CFM/PERSON	O.V.A. REO'D.	REMARKS					
	100	CASHIER	253	15/1000 S.F. = 3.8 OCC	.12(253)= 30.4	7.5(3.8) = 28.5	58.9 CFM	RTU-1 - O.A. = 59 CFM					
STORE	101	SALES	2071	15/1000 S.F. = 31.0 OCC	.12(2071) = 248.5	7.5(31.0) = 232.5	481 CFM	RTU-1 - O.A. = 481 CFM					
	102	STORAGE/UTIL.	197		.12(197) = 23.6		23.6 CFM	RTU-1 - O.A. = 24 CFM					
	103	TOILET	N/A	-	-	-	75 CFM - EX						
LIQUOR	104	BEVERAGE COOLER A	N/A	-	-	-	-						
	105	BEER CAVE	N/A	-	-	-	-						
	106	BEVERAGE COOLER B	N/A	-	-	-	-						
	107	OFFICE	44	5/1000 S.F. = 1 OCC	.06(44)= 2.6	5(1) = 5	7.6 CFM	RTU-1 - O.A. = 8 CFM					
	108	EXIST'G UTILITIES	N/A	-	-	-	-						
-								RTU-1 - TOTAL O.A. = 572 CFM					

EXHAUST FAN SCHEDULE										
ITEM	MODEL #	DESCRIPTION	CFM	ESP (IN)	DRIVE	SPEEDS	NOTES			
EF-1	BROAN	BATHROOM CEILING MOUNTED	75	0.25	DIRECT	ONE	A, B, C			
	E BACKDRAFT DAMPER E TO ENERGIZE WITH LIGHTS	C. EXHAUST TO OUTDOORS.								

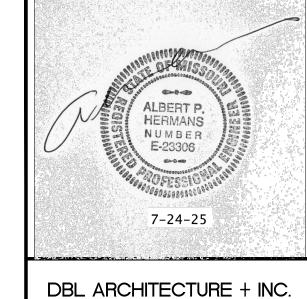
FURNACE UNIT SCHEDULE									
ITEM	MODEL #	DESCRIPTION	AIRFLOW CFM	MCA	MOTOR H.P.	VOLTAGE/HERTZ/PHASE	UNIT WT.	NOTES	
RTU-1	AMERICAN STANDARD - YSC090E1	STANDARD EFFICIENCY 94,000 BTU COOLING 84,000 BTU OUTPUT	SUPPLY - 3,000 MIN. O.A.SUPPLY - 396	41.9	1.0	208/230-60-1	686	A, B, C	

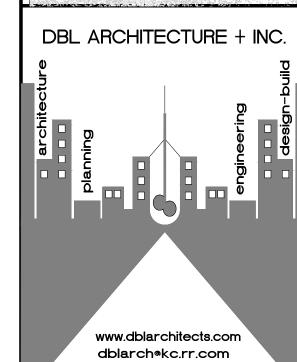
A. PROVIDE FRESH AIR INTAKE - SEE VENTILATION SCHEDULE B. PROGRAMMABLE 2 STAGE HEATING THERMOSTAT w/ FAN ON-OFF-AUTO SWITCH AND LOCATE AS SHOWN ON DRAWINGS.

C. PROVIDE SMOKE DETECTORS IN THE RETURN AIR DUCTS PER IMC 606.2.1 - CONTROLS SHALL SHUTDOWN ALL OPERATIONS UPON ACTIVATION - A VISIBLE + AUDIBLE SIGNAL SHALL BE INSTALLED AT CASHIER 102 FOR RTU-1 AND AT RETAIL SALES 100 FOR RTU-2

INSTALLING HVAC CONTRACTOR'S NOTE:

- 1. EXISTING CONDITIONS WERE TAKEN FROM SITE VISIT AND DO NOT REFLECT EXACT AS-BUILT CONDITIONS. 2. CONTRACTOR SHALL FIELD VERIFY AND VISIT SITE PRIOR TO COMMENCING THE WORK. 3. CONTRACTOR SHALL COORDINATE ALL DEMOLITION AND NEW WORK WITH OTHER TRADES AND EXISTING CONDITIONS.
- 4. COORDINATE ALL NEW ROOF EQUIPMENT WITH EXISTING STRUCTURE (FIELD VERIFY) 5. REFER TO ARCHITECTURAL DRAWINGS FOR ALL RELATED CONSTRUCTION DETAILS AS APPLICABLE TO THE HVAC SYSTEM AS SHOWN. FINAL LOCATIONS OF CHASES, PENETRATIONS, THROUGHOUT STRUCTURE SHALL BE
- VERIFIED WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION. 6. MECHANICAL CONTRACTOR SHALL PERFORM AIR BALANCE TEST ON EXHAUST AND SUPPLY FANS AFTER COMPLETE INSTALLATION FOR PROPER PERFORMANCE. ADJUSTMENT SHALL BE MADE AS REQUIRED TO MEET CITY'S APPROVAL FOR ON SITE INSPECTION OF SYSTEM.





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GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

CONTRACT INITIATION

June 20, 2025

AS-BUILD MEASURING COMPLETE

6/20/25 CONDITIONAL USE SUBMIT

OWNER'S DESIGN REVIEW 6/23/25

FINAL SITE PLAN SUBMIT/RESUBMIT PLANS PERMIT SUBMIT

7/24/25

PLANS PERMIT RESUBMIT ?/?/25

/2 \ ?/?/25

REVISIONS:

REVISED PER CITY REVISED PER OWNER

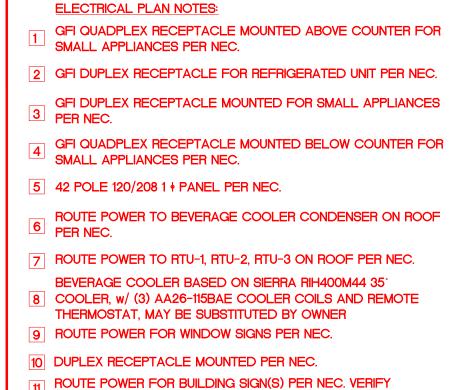
SHEET TITLE:

HVAC SCHEDULES AND DETAILS

SHEET NO.:

PROJECT NUMBER :

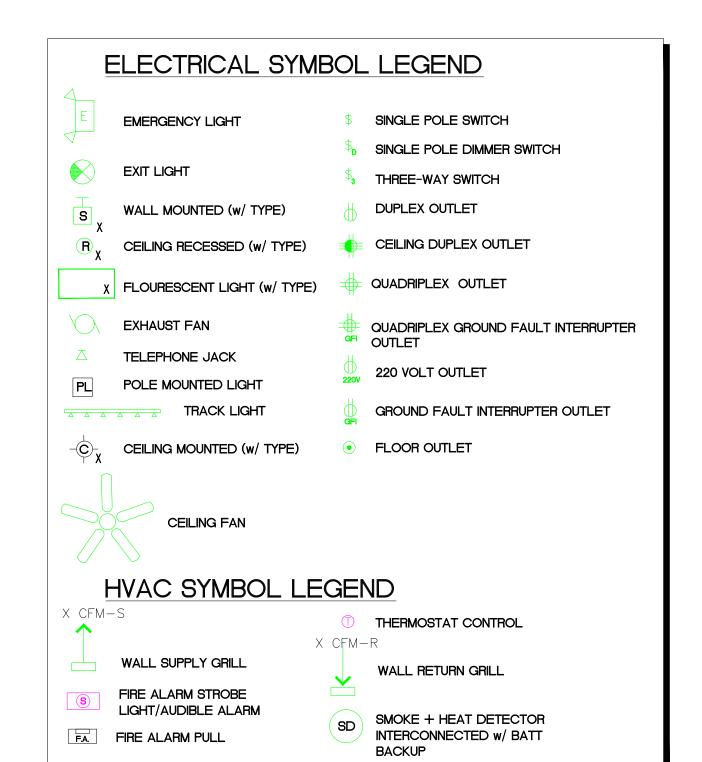
WALL TYPE LEGEND EXIST'G WALLS TO BE REMOVED EXIST'G WALLS TO REMAIN NEW WALLS - INTERIOR COOLER WALLS = 4" THICK SANDWICH PANELS W/ FRP PANELS . SIDE NEW WALLS - INTERIOR WALLS = 5/8" GYP. BD. @ SIDE OF 2x4's @ 16" O.C. (1 SIDE AT EXT. WALL) NEW WALLS - INTERIOR WALLS = 5/8" GYP. BD. @ SIDE OF 2x6's @ 16" O.C. NEW BEARING WALLS - INTERIOR WALLS = 5/8" GYP. BD. • SIDE OF 2x4's • 16" O.C. - PROVIDE STUDS UNDER FLOOR/ROOF JOISTS ABOVE NEW WALLS - EXTERIOR WALLS - RE: TYPICAL WALL SECTIONS NEW WALLS - FOUNDATION WALLS - RE: TYPICAL WALL SECTIONS NEW WALLS - FIRE RATED WALL -RE: UL WALL RATING SPEC NEW WALLS - INTERIOR WALLS = 5/8" GYP. BD. @ SIDE OF 3 1/2" MTL. STUDS @ 16" O.C.

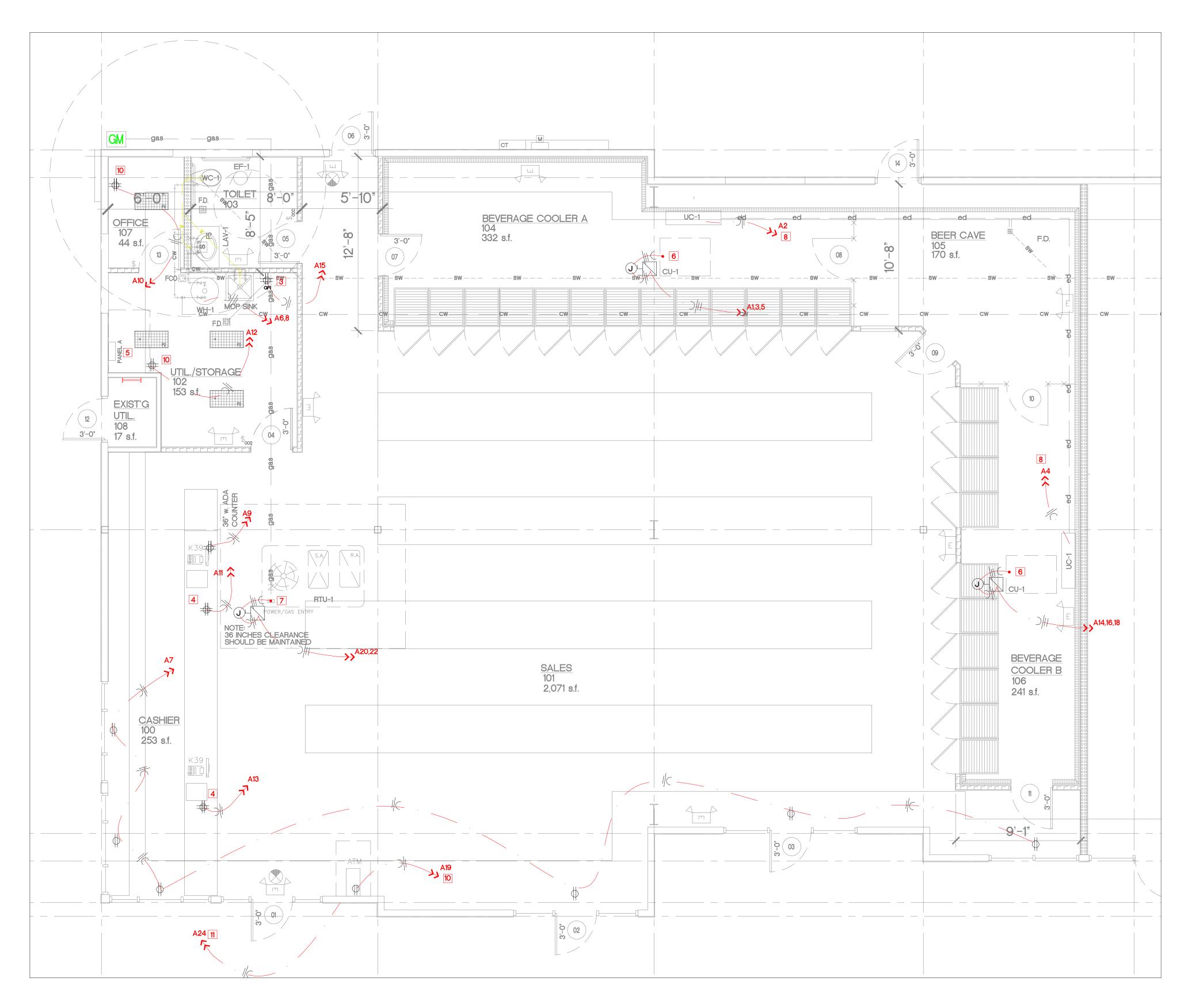


ALL DUPLEX RECEPTACLES WITHIN THE KITCHEN TO BE GFI PER NEC 210.8 (B)

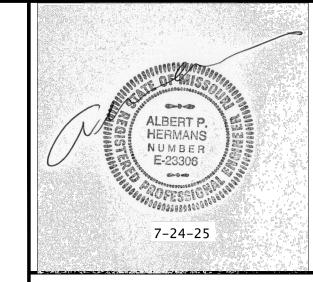
12 GFI DUPLEX EXTERIOR RECEPTACLE MOUNTED PER NEC.

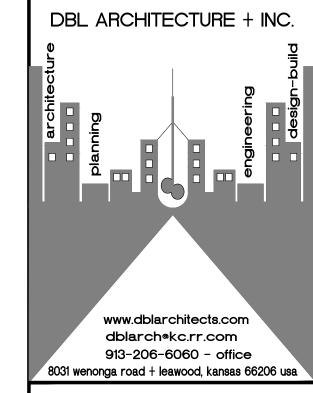
LOCATION w/ SIGN COMPANY











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PROJECT

GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG

June 20, 2025

AS-BUILD MEASURING COMPLETE 6/20/25

CONDITIONAL USE SUBMIT N/A

OWNER'S DESIGN REVIEW
6/23/25
FINAL SITE PLAN SUBMIT/RESUBMIT

N/A PLANS PERMIT SUBMIT

7/24/25
PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

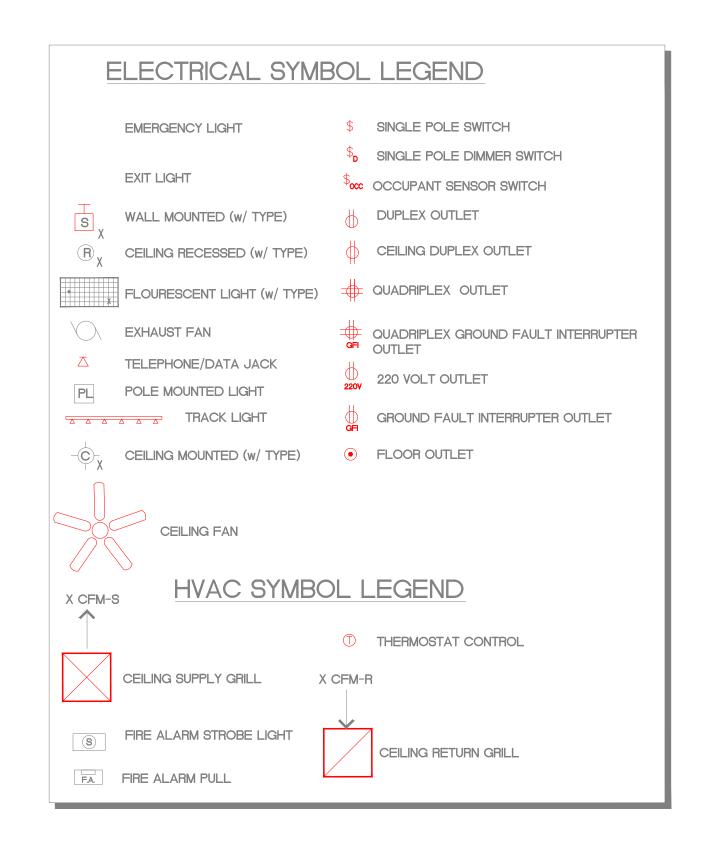
REVISED PER CITY
?/?/25
REVISED PER OWNER
2 ?/?/25

SHEET TITLE:

ELECTRICAL POWER PLAN

SHEET NO.:

PROJECT NUMBER :



LIGHTING FIXTURE SCHEDULE								
ITEM	MODEL #	DESCRIPTION	LAMPS					
F1	PER OWNER	SUSPENDED LED PENDANT FIXTURE	35 WATT					
F2	PER OWNER	SUSPENDED LINEAR LED FIXTURE	1-26 WATT					
F3	PER BEVERAGE COOLER CO.	SURFACE MOUNTED LIGHT	1- LED 10 WATT MAX.					
F4	WILLIAMS - EXIT/EM/LED-SF-R-WHT	EXIT/EMERGENCY LIGHT w/ BATT PACK	RED LED 3.7 W					
F5	PER OWNER	DECORATIVE WALL FIXTURE	1-22 WATT LED					
F6	CREE WALL MOUNT - E-VT6L22ING w/ 15" SHROUD E-MTAC01L	EXTERIOR DECORATIVE WALL FIXTURES	1-22 WATT LED					
F7	WILLIAMS - EMERG/REMOTE-WHT	REMOTE EMERGENCY LIGHT w/ BATT PACK	LED 3.7 W					
F8	DARK SKY 16" 2 LIGHT MOTION SENSOR	MOTION DETECTOR SECURITY LIGHTING	(2) 100 W HALOGEN G8					

1. GENERAL CONTRACTOR SHALL PROVIDE FIREPROOFING AROUND RECESSED FIXTURES INSTALLED IN FIRE RATED CEILING PER U.L.

REQUIREMENTS 2. LIGHT FIXTURES SHALL BE PROVIDED WITH ELECTRONIC BALLASTS. COMPACT FLOURESCENT ELECTRONIC BALLASTS SHALL HAVE END-OF-LIFE PROTECTION CIRCUIT TO PREVENT WELDING OF LAMPS IN SOCKETS OR LAMP BREAKAGE. ALL FLOURESCENT LAMPS SHALL BE LOW MERCURY AND SHALL MEET ALL E.P.A. GUIDELINES FOR PASSING 'TCLP' TESTS.

3. PROVIDE ARROWS AND FACES AS INDICATED ON THE DRAWINGS. 4. MANUFACTURER'S LISTED IN THIS SCHEDULE OR APPROVED BY WRITTEN ADDENDUM WILL BE THE ONLY APPROVED MANUFACTURERS TO BID THE LIGHTING FIXTURES FOR THIS PROJECT. CONTRACTORS AND SUPPLIERS USING PRICING FROM MANUFACTURERS NOT LISTED ON SCHEDULE OR BY ADDENDUM DO SO AT THEIR OWN RISK.

5. LIGHT FIXTURE SELECTIONS ARE BASED ON THE MANUFACTURER IN THE LEFT MOST COLUMN AS LISTED IN THE SCHEDULE. FIXTURES APPROVED AS EQUALS IN THE SCHEDULE OR BY ADDENDUM SHALL BE EQUAL TO THE UNIT SPECIFIED. I.E. SPRING LOADED LATCHES, POST PAINTED FINISH, AND PHOTOMETRICS.

6. PROVIDE TRACK AND ALL FITTINGS AS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION. 7. ALL EQUALS NOT LISTED ON THIS SCHEDULE SHALL BE APPROVED BY BOTH THE OWNER AND THE ARCHITECT IN WRITING. **ELECTRICAL PLAN NOTES:**

- PROVIDE AND INSTALL NEW SUSPENDED LED PENDANT LIGHTS
- 2 PROVIDE AND INSTALL NEW RECESSED CAN LIGHTS
- INSTALL NEW SURFACE MOUNTED COOLER LIGHTS PROVIDED THROUGH BEVERAGE COOLER COMPANY
- INSTALL NEW RECESSED MOUNTED EXHAUST FAN INTERCONNECTED TO LIGHTING
- INSTALL NEW CEILING/WALL MOUNTED EXIT/EMERGENCY
- 6 INSTALL NEW WALL MOUNTED EXTERIOR LIGHTS

NOTES:

NOTE: THIS IS A SCHEMATIC PLAN, EXACT LOCATIONS ARE TO BE DETERMINED BY ELECTRICAL CONTRACTOR/ARCHITECT/OWNER OR AS CODE REQUIRES, UNLESS SPECIFIC LOCATION IS NOTED.

THE GHOSTED FLOOR PLAN IS FOR REFERENCE ONLY, NOT TO BE REFFERED TO FOR ANY STRUCTURAL CHANGES.

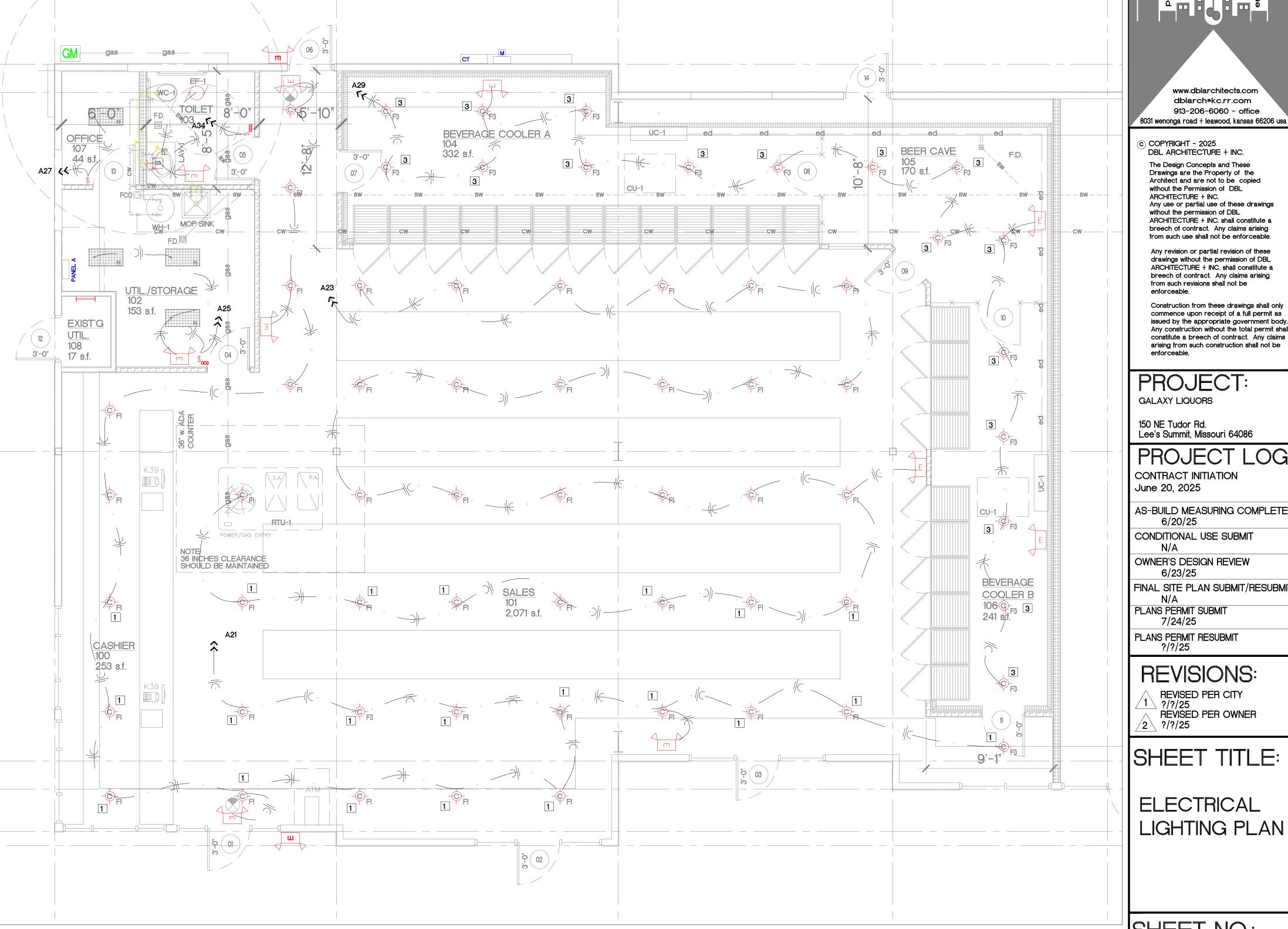
MECHANICAL/ELECTRICAL CONTRACTOR TO VERIFY ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT, ELECTRICAL APPLIANCES ETC.

ALL OUTLETS ABOVE COUNTER HEIGHT TO BE G.F.I. TYPE AS PER LOCAL CODES.

VERIFY WITH OWNER LOCATION/TYPE OF ALL FIXTURES, PANEL BOXES, OUTLET PLACEMENT, ETC. BY HOLDING AN ELECTRICAL WALK THROUGH ON THE BUILDING SITE ONCE FRAMING IS COMPLETED.

SMOKE DETECTORS TO BE HARD WIRED WITH BACK UP BATTERY, LOCATED PER APPLICABLE CODES.

COORDINATE ALL WORK WITH BUILDING CONTRACTOR.



HERMANS NUMBER E-23306 7-24-25

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7/24/25

PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

REVISED PER CITY

REVISED PER OWNER **/2**\ ?/?/25

SHEET TITLE:

ELECTRICAL LIGHTING PLAN

SHEET NO: **E2**

PROJECT NUMBER :

062025

ELECTRICAL LIGHTING PLAN

ELECTRICAL GENERAL NOTES

- 1. ALL ELECTRICAL OUTLETS WITHIN 8 FEET OF SINK OR LAVATORY SHALL BE GFI PROTECTED.
- 2. ALL FLUORESCENT LIGHT FIXTURES SHALL BE 4 TUBE, 2' x 4' (OR 2' x 2' WHERE NOTED) FIXTURES WITH ENERGY SAVING BALLASTS, AND PRISMATIC ACRYLIC LENS.
- 3. EXIT LIGHTS SHALL BE LITHONIA 'SPECTRUM' SERIES WITH BATTERY BACK-UP, WITH STENCIL FACE, OR APPROVED
- 4. EMERGENCY LIGHTS TO BE LITHONIA SPECTRUM SERIES, WALL MOUNTED, DUAL LIGHT ELM-2, OR 2' x 4' FLUORESCENT LIGHT FIXTURE WITH BATTERY BACK-UP.
- 5. ALL ELECTRICAL SYSTEM TO COMPLY WITH NEC AND APPLICABLE LOCAL CODES.
- 6. ALL ELECTRICAL WORK SHALL MEET ALL CITY AND ELECTRIC BUILDING CODES.
- 1. ELECTRICAL CONTRACTOR TO VERIFY EXISTING LINE VOLTAGES AND VERIFY COMPATIBILITY OF COOKING EQUIPMENT PRIOR TO THE START OF ANY WORK REPORT ANY INCOMPATIBILITY TO THE ARCHITECT.
- S. TELEPHONE LOCATIONS, PROVIDE STANDARD PHONE JACKS AT LOCATIONS INDICATED. WIRE BACK TO EXISTING PHONE BOARD LOCATION.
- 9. DUPLEX OUTLETS IN EACH ROOM AND ALL WALLS PER CODE, OUTLET HEIGHT SHALL BE 12" AFF OR AS NOTED ON DRAWINGS AND OUTLETS LOCATED ABOVE CASEWORK OR EQUIPMENT SHALL CLEAR THE CASEWORK OR EQUIP. AND SHALL BE AT MIN 42' AFF TO THE BOTTOM OF OUTLET.
- 10. T THERMOSTAT LOCATION.
- II. ALL WIRING AND CONDUIT SHALL BE CONCEALED. NO ELECTRICAL ROUGH-IN ITEMS SHALL BE EXPOSED.
- 12. ALL MEMBRANE PENETRATIONS SUCH AS STEEL, FERROUS, COPPER, PIPES, VENTS, ELECTRICAL OUTLET BOXES, OR TUBES ARE TO BE PROTECTED MAINTENING THE FIRE RESISTANCE INTEGRITY.
- 13. FIRE ALARM MODIFICATION AND REWORKING SHALL BE PERFORMED BY A QUALIFIED FIRE ALARM CONTRACTOR WHO WILL DESIGN AND PREPARE PLANS WHICH ARE TO BE SUBMITTED TO BUILDING INSPECTION THROUGH THE PERMIT PROCESS FOR APPROVAL, PRIOR TO ANY WORK BEING PERFORMED ON THE SYSTEM.

ELECTRICAL SPECIFICATIONS

- (A) ALL ELECTRICAL WIRING, INCLUDING LOW VOLTAGE WIRING, SHALL BE INSTALLED CONDUIT AS HEREIN SPECIFIED. NO CONDUIT OR TUBING OF LESS THAN 3/4 INCH NOMINAL SIZE SHALL BE USED, FOR EMT. ONLY COMPRESSION TYPE FITTINGS SHALL BE USED (MINIMUM SIZE 3/4 INCH).
- (B) CONDUIT SHALL BE HOT-DIP GALVANIZED INSIDE AND OUTSIDE INCLUDING ENDS AND THREADS AND ENAMELED OR LACQUERED INSIDE IN ADDITION TO GALVANIZING.
- (C) CONDUIT FOR INTERIOR WIRING, IN GENERAL, SHALL BE RIGID GALVANIZED STEEL ON EMT UNLESS OTHERWISE NOTED. CONDUIT INSTALLED IN CONCRETE SLABS AND ON THE EXTERIOR OF THE BUILDING SHALL BE RIGID STEEL. SHORT RUNS OF GALVANIZED FLEXIBLE CONDUIT SHALL BE USED FOR THE CONNECTIONS OF MOTOR
- (D) RACEWAYS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET AND FITTING TO FITTING. A RUN OF CONDUIT BETWEEN OUTLETS OR FITTINGS SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF FOUR QUARTER-BENDS INCLUDING THOSE BENDS LOCATED IMMEDIATELY AT THE OUTLET OR FITTING. THE RADIUS OF BENDS SHALL NOT BE LESS THAN THAT OF THE CORRESPONDING TRADE ELBOW. THE SYSTEM SHALL BE COMPLETE WITH OUTLETS. DISTRIBUTION BOXES, ETC., SMOOTH INSIDE AND OUTSIDE AND MECHANICALLY SECURE IN PLACE, APPROVED STRAPS, HANGERS, OR SUPPORTS SHALL BE USED TO SECURE CONDUITS IN PLACE. CONDUITS SHALL, IN GENERAL, BE SUPPORTED AT INTERVALS NOT EXCEEDING 10'-0'.
- (E) CONDUITS SHALL BE CONCEALED WITHIN THE WALLS, CEILING, AND FLOORS (F)INSULATED BUSHINGS OR THIN-WALL CONNECTORS WITH INSULATED THROAT SHALL BE USED WITH CONDUITS 1-1/4 INCH AND LARGER IF CONDUIT CANNOT BE CONCEALED IN EXISTING WALLS, GENERAL CONTRACTOR TO INSTALL FURRED GYPSUM BOARD WALL EXTENDING A MINIMUM DISTANCE FROM EXISTING WALL TO PROVIDE COVERAGE.

2. WIRE AND CABLE:

- (A) WIRE AND CABLE SHALL BE OF SIZES AS SHOWN ON THE DRAWINGS OR HEREIN SPECIFIED.
- (B) ALL CONDUCTORS SHALL BE NO. 12 AWG COPPER UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL CONDUCTOR SIZES SHOWN ON THE DRAWINGS ARE FOR COPPER CONDUCTORS.
- (C) NO. 10 AWG AND SMALLER CONDUCTORS SHALL BE SOLID WITH TYPE THHN OR THWN INSULATION AND NO. 8 AUG AND LARGER CONDUCTORS SHALL BE STRANDED WITH TYPE THAN OR THUN INSULATION EXCEPT THAT CONDUCTORS WITHIN 3 INCHES OF LIGHT FIXTURE BALLASTS SHALL HAVE THHN OR EQUAL. INSULATION RATED FOR 150C. APPLICATION.

3. WALL PLATES:

- (A) GROUPS OF SWITCHES OR SWITCH AND OUTLET COMBINATIONS SHALL BE MOUNTED UNDER ONE MULTI-GANG
- (B) WALL PLATES SHALL FIT AND COVER PROPERLY THE DEVICE AND WALL OPENING. NO OPEN OR UNFINISHED SURFACES SHALL SHOW AFTER INSTALLATION OF THE WALL PLATES.
- (C) WALL PLATES FOR ALL DEVICES AND TELEPHONE OUTLETS, UNLESS OTHERWISE NOTED, SHALL BE WHITE PLASTIC.

4. WIRING DEVICES:

- (A) WALL TUMBLER SWITCHES FOR GENERAL USE SHALL BE SPECIFICATION GRADE GENERAL ELECTRIC NO. GE-5431-2, OR EQUAL, WALL SWITCHES SHALL BE OF THE MECHANICALLY SILENT TYPE WITH WHITE PLASTIC HANDLES, AND SHALL BE RATED 20 AMPERES AC, 120/277 VOLTS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- (B) TWENTY AMPERE 120/208 VOLT TOGGLE SWITCHES SHALL BE GENERAL ELECTRIC NO. GE-5951-2, OR EQUAL.
- (C) CONVENIENCE OUTLETS SHALL BE GENERAL ELECTRICAL NO. GE-4060-2, WHITE, DUPLEX, GROUNDING TYPE RECEPTACLE, OR EQUAL.
- (D) GFI OUTLET SHALL BE HUBBELL NO. GF-53621, WHITE, DUPLEX GROUND FAULT TYPE, OR EQUAL.

5. TELEPHONE:

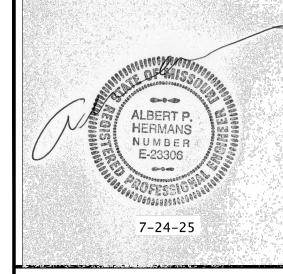
- (A) TELEPHONE WALL OUTLETS SHALL CONSIST OF AN OUTLET BOX WITH GENERAL ELECTRIC, NO. GE-72181 SMOOTH WHITE WALL PLATE AND 3/4 INCH CONDUIT UP IN WALL TO TERMINATION ABOVE CEILING. INSTALL TELEPHONE SWITCH BOX ABOVE CEILING.
- 6. LIGHTING AND POWER PANELBOARDS:
- (A) LIGHTING AND POWER PANELBOARDS SHALL BE GENERAL ELECTRIC TYPE NAB, SURFACE MOUNT, 120/208 VOLT, 3 PHASE, 4 WIRE WITH CIRCUIT BREAKERS AS NOTED ON THE DRAWINGS OR EQUAL.
- (B) BREAKERS SHALL BE BOLT-ON TYPE HAVING 10,000 SYMMETRICAL AMPERES INTERRUPTING CAPACITIES.
- (C) A TYPEWRITTEN DIRECTORY FOR EACH PANELBOARD, SHOWING THE FUNCTION OF EACH BREAKER SHALL BE FURNISHED AND INSTALLED.

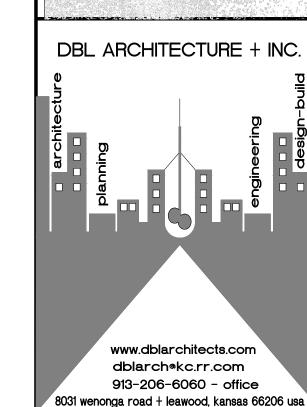
1. SAFETY SWITCH:

(A) SAFETY SWITCH SHALL BE GENERAL DUTY FUSIBLE TYPE AS INDICATED ON THE DRAWINGS. VERIFY LOCATION AND TYPE WITH LANDLORD.

PANEL A	\mathbb{EL} \mathbb{A} NEW PANEL					THREE PHASE PANEL								
200A MAIN LUG ONLY 10,000 A.I.C.)			2004	BUS				120/	208V, 6	60hz, 3+, 4	4W			
LOAD	PH	ASE LOADIN	IG IN VA	BRKR	WIRE	NO.		NO.	WIRE	BRKR	Р	HASE LOADI	NG IN VA	LOAD
DESCRIPTION	Α	В	С								Α	В	С	DESCRIPTION
BEV COOLER CONDENSER	2154			50/3	#10	1		2	#12	20/1	1080			COOLER FANS
CU-1		2154				3		4	#12	20/1		540		COOLER FANS
			2154			5		6	#10	30/2			2250	WH-1
ABOVE WINDOW OUTLETS	1000			20/1	#12	7		8			2250			
CASHIER OUTLETS		1400		20/1	#12	9		10	#12	20/1		1080		OFFICE OUTLET
CASHIER OUTLETS			1400	20/1	#12	11		12	#12	20/1			1080	STORAGE OUTLET
CASHIER OUTLETS	1400			20/1	#12	13		14	#10	50/3	2154			BEV COOLER CONDENSER
STORAGE OUTLET		1400		20/1	#12	15		16				2154		CU-2
			1400	20/1	#12	17		18					2154	
ATM OUTLET	900			20/1	#12	19		20	#6	50/2	4,160			RTU-1
LIGHTS - SALES		1280		20/1	#12	21		22				4,160		
LIGHTS - SALES			1400	20/1	#12	23		24	#12	20/1			1800	STORE SIGN A
LIGHTS - STORAGE	900			20/1	#12	25		26						SPARE
LIGHTS - OFFICE		1280		20/1	#12	27		28						SPARE
LIGHTS - COOLER			170	20/1	#12	29		30	#12	20/1			750	
						31		32	#12	20/1	900			
						33		34	#12	20/1		530		BATHROOM LIGHT + FAN
						35		36	#12	20/1				
						37		38						
						39		40						
						41		42						
	6,354	7,514	6,524								10,544	8,464	8,034	

131.2 AMPS (TOTAL DEMAND CURRENT)





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7/24/25 PLANS PERMIT RESUBMIT ?/?/25

PLANS PERMIT SUBMIT

6/23/25

REVISIONS:

REVISED PER CITY REVISED PER OWNER **/2** \ ?/?/25

SHEET TITLE: ELECTRICAL SCHEDULES + RISER

SHEET NO.:

PROJECT NUMBER:

SECTION 260000 - ELECTRICAL SPECIFICATIONS

26-I. ELECTRICAL REQUIREMENTS

26-I-A. GENERAL REQUIREMENTS

1. ALL REQUIREMENTS UNDER DIVISION 1 & GENERAL & SUPPLEMENTARY CONDITIONS OF THESE SPECIFICATIONS APPLY TO THIS SECTION & DIVISION. WHERE REQUIREMENTS OF THIS SECTION & DIVISION EXCEED THOSE OF DIVISION 1, THIS SECTION & DIVISION TAKE PRECEDENCE. BECOME THOROUGHLY FAMILIAR W/ ALL THEIR CONTENTS AS TO REQUIREMENTS THAT AFFECT THIS DIVISION, SECTION OR BOTH, WORK REQUIRED UNDER THIS DIVISION INCLUDES ALL MATERIAL, EQUIPMENT, APPLIANCES, & LABOR REQUIRED TO COMPLETE ENTIRE ELECTRICAL SYSTEM AS REQUIRED BY DRAWINGS & SPECIFICATIONS, OR REASONABLY INFERRED TO BE NECESSARY TO FACILITATE EACH SYSTEM'S FUNCTIONING AS IMPLIED BY DESIGN & EQUIPMENT SPECIFIED.

EVENT OF DISCREPANCIES, NOTIFY ENGINEER & REQUEST CLARIFICATION PRIOR TO PROCEEDING W/ WORK INVOLVED.

DRAWINGS ARE GRAPHIC REPRESENTATIONS OF WORK UPON WHICH CONTRACT IS BASED. THEY SHOW MATERALS & THEIR RELATIONSHIP TO ONE ANOTHER, INCLUDING SIZES, SHAPES, LOCATIONS, & CONNECTIONS. THEY ALSO CONVEY SCOPE OF WORK, INDICATING INTENDED GENERAL ARRANGEMENT OF EQUIPMENT, FIXTURES, OUTLETS & CIRCUITS WITHOUT SHOWING ALL OF EXACT DETAILS AS TO ELEVATIONS, OFFSETS, CONTROL LINES, & OTHER INSTALLATION REQUIREMENTS. USE DRAWINGS AS GUIDE WHEN LAYING OUT WORK & TO VERIFY THAT MATERIALS & EQUIPMENT WILL FIT INTO DESIGNATED SPACES, & WHICH, WHEN INSTALLED PER MANUFACTURERS' REQUIREMENTS, WILL ENSURE COMPLETE, COORDINATED, SATISFACTORY & PROPERLY OPERATING SYSTEM.

DRAWINGS ARE SCHEMATIC IN NATURE, SHOW VARIOUS COMPONENTS OF SYSTEMS APPROXIMATELY TO SCALE & ATTEMPT TO INDICATE HOW THEY SHALL BE INTEGRATED W/ OTHER PARTS OF WORK. FIGURED DIMENSIONS TAKE PRECEDENCE TO SCALED DIMENSIONS DETERMINE EXACT LOCATIONS BY JOB MEASUREMENTS, BY CHECKING REQUIREMENTS OF OTHER TRADES, & BY REVIEWING ALL CONTRACT DOCUMENTS. CORRECT ERRORS THAT COULD HAVE BEEN AVOIDED BY PROPER CHECKING & INSPECTION, AT NO ADDITIONAL COST TO OWNER.

5. SPECIFICATIONS DEFINE QUALITATIVE REQUIREMENTS FOR PRODUCTS, MATERIALS, &

DOCUMENTS. CORRECT ERRORS THAT COULD HAVE BEEN AVOIDED BY PROPER CHECKING & INSPECTION, AT NO ADDITIONAL COST TO OWNER.

5. SPECIFICATIONS DEFINE QUALITATIVE REQUIREMENTS FOR PRODUCTS, MATERIALS, & WORKMANSHIP UPON WHICH CONTRACT IS BASED.

6. ALL WORK SHALL BE IN ACCORDANCE W/ LATEST EDITION OF INTERNATIONAL BUILDING CODE, NATIONAL ELECTRICAL CODE, NFPA, CODES AS ADOPTED BY CITY, COUNTY, STATE & ALL OTHER APPLICABLE CODES.

7. ALL MATERIALS & EQUIPMENT SHALL BE NEW & SHALL BEAR U.L. LABEL WHERE APPLICABLE. PROVIDE WATERPROOF EQUIPMENT ENCLOSURES WHERE REQUIRED.

8. OBTAIN & PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THIS WORK & SHALL MAKE ARRANGEMENTS FOR MODIFICATIONS TO ELECTRICAL CONNECTIONS TO BUILDING AS REQUIRED.

9. CONTRACTOR SHALL PROVIDE ALL LABOR & MATERIALS REQUIRED TO HAVE COMPLETE FUNCTIONING ELECTRICAL LIGHTING & POWER SYSTEMS TOGETHER W/ ALL ASSOCIATED FOULPMENT & APPARATUS AS SHOWN ON PLANS.

10. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL

ALL ASSOCIATED EQUIPMENT & APPARATUS AS SHOWN ON PLANS.

10. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL BE PROVIDED AS THOUGH FULLY SHOWN & SPECIFIED.

11. CONTRACTOR SHALL VISIT SITE & OBSERVE CONDITIONS UNDER WHICH WORK WILL BE DONE. ANY DISCREPANCIES SHALL BE CALLED TO ARCHITECT'S ATTENTION. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION FOR ANY ERROR OR NEGLIGENCE ON CONTRACTOR'S PART.

12. FINAL ACCEPTANCE OF WORK SHALL BE SUBJECT TO CONDITION THAT ALL SYSTEMS, EQUIPMENT, APPARATUS & APPLIANCES OPERATE SATISFACTORILY AS DESIGNED & INTENDED. WORK SHALL INCLUDE REQUIRED ADJUSTMENT OF SYSTEMS & CONTROL EQUIPMENT INSTALLED UNDER THESE SPECIFICATIONS.

13. WARRANT TO OWNER QUALITY OF MATERIALS, EQUIPMENT, WORKMANSHIP & OPERATION OF EQUIPMENT PROVIDED UNDER THESE SPECIFICATIONS FOR ONE YEAR FROM & AFTER COMPLETION OF BUILDING & ACCEPTANCE OF MECHANICAL

SYSTEMS BY OWNER.

14. ALL MATERIALS INSTALLED IN PLENUMS SHALL BE NONCOMBUSTIBLE OR HAVE FLAME/SMOKE INDEX OF NO MORE THAN 25/50 IN ACCORDANCE W/ ASTM E 84.

15. PROVIDE ALL HOISTS, SCAFFOLDS, STAGING, RUNWAYS, TOOLS, MACHINERY & EQUIPMENT REQUIRED FOR PERFORMANCE OF ELECTRICAL WORK. STORE & MAINTAIN MATERIAL & EQUIPMENT IN CLEAN CONDITION, & PROTECTED FROM WEATHER, MOISTURE, & PHYSICAL DAMAGE.

16. FURNISH ONLY MATERIAL & EQUIPMENT THAT ARE LISTED, LABELED, CERTIFIED, OR ALL THREE, BY NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), WHENEVER

ALL THREE, BY NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), WHENEVER ANY LISTING OR LABELING EXISTS FOR TYPES OF MATERIAL & EQUIPMENT SPECIFIED.

17. AT MINIMUM, GENERAL WORK PRACTICES FOR ELECTRICAL CONSTRUCTION SHALL BE IN ACCORDANCE W/ NECA 1 (LATEST EDITION), "STANDARD PRACTICES FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION"

26—I-B. DEFINITIONS

1. WHENEVER USED IN THESE SPECIFICATIONS OR DRAWINGS, FOLLOWING TERMS SHALL HAVE INDICATED MEANINGS:

1.1. FURNISH: "TO SUPPLY & DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLING, INSTALLING, & SIMILAR OPERATIONS."

1.2. INSTALL: "TO PERFORM ALL OPERATIONS AT PROJECT SITE, INCLUDING, BUT NOT LIMITED TO, & AS REQUIRED: UNLOADING, UNPACKING, ASSEMBLING, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, TESTING, COMMISSIONING, STARTING UP & SIMILAR OPERATIONS, COMPLETE, & READY FOR INTENDED

STARTING UP & SIMILAR OPERATIONS, COMPLETE, & READY FOR INTENDED USE."

PROVIDE: "TO FURNISH & INSTALL COMPLETE, & READY FOR INTENDED USE."

FURNISHED BY OWNER (OR OWNER-FURNISHED) OR FURNISHED BY OTHERS: "AN ITEM FURNISHED BY OWNER OR UNDER OTHER DIVISIONS OR CONTRACTS, & INSTALLED UNDER REQUIREMENTS OF THIS DIVISION, COMPLETE, & READY FOR INTENDED USE, INCLUDING ALL ITEMS & SERVICES INCIDENTAL TO WORK NECESSARY FOR PROPER INSTALLATION & OPERATION. INCLUDE INSTALLATION UNDER WARRANTY REQUIRED BY THIS DIVISION.

ENGINEER: WHERE REFERENCED IN THIS DIVISION, "ENGINEER" IS ENGINEER OF

RECORD & DESIGN PROFESSIONAL FOR WORK UNDER THIS DIVISION, & IS CONSULTANT TO, & AN AUTHORIZED REPRESENTATIVE OF, ARCHITECT, AS DEFINED IN GENERAL &/OR SUPPLEMENTARY CONDITIONS. WHEN USED IN THIS DIVISION, IT MEANS INCREASED INVOLVEMENT BY, & OBLIGATIONS TO, ENGINEER, IN ADDITION TO INVOLVEMENT BY, & OBLIGATIONS TO, "ARCHITECT".

1.6. AHJ: LOCAL CODE &/OR INSPECTION AGENCY (AUTHORITY) HAVING JURISDICTION OVER WORK.

1.7. NRTL: NATIONALLY RECOGNIZED TESTING LABORATORY, AS DEFINED & LISTED BY OSHA IN 29 CFR 1910.7 (E.G., UL, ETL, CSA), & ACCEPTABLE TO AHJ

1.8. TERMS "APPROVED EQUAL", "EQUIVALENT", OR "EQUAL" ARE USED SYNONYMOUSLY & SHALL MEAN "ACCEPTED BY OR ACCEPTABLE TO ENGINEER AS EQUIVALENT TO ITEM OR MANUFACTURER SPECIFIED". TERM "APPROVED" SHALL MEAN LABELED, LISTED, CERTIFIED, OR ALL THREE, BY AN NRTL, & ACCEPTABLE TO AHJ OVER THIS PROJECT.

26-I-C. PRE-BID SITE VISIT.

1. PERSONALLY INSPECT SITE OF PROPOSED WORK & BECOME FULLY INFORMED OF

20-I-C. PRE-BID SITE VISIT

I. PERSONALLY INSPECT SITE OF PROPOSED WORK & BECOME FULLY INFORMED OF CONDITIONS UNDER WHICH WORK IS TO BE DONE, FAILURE TO DO SO WILL NOT BE CONSIDERED SUFFICIENT JUSTIFICATION TO REQUEST OR OBTAIN EXTRA COMPENSATION OVER & ABOVE CONTRACT PRICE.

20—I—D. COORDINATION

1. COORDINATE ALL WORK W/ OTHER DIVISIONS & TRADES SO THAT VARIOUS COMPONENTS OF ELECTRICAL SYSTEMS ARE INSTALLED AT PROPER TIME, FIT AVAILABLE SPACE, & ALLOW PROPER SERVICE ACCESS TO ALL EQUIPMENT. REFER TO ALL DRAWINGS, INCLUDING, BUT NOT LIMITED TO, CNIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, & PLUMBING, & TO RELEVANT EQUIPMENT SUBMITTALS & SHOP DRAWINGS TO DETERMINE EXTENT OF CLEAR SPACES. MAKE ALL OFFSETS REQUIRED TO CLEAR EQUIPMENT, BEAMS & OTHER STRUCTURAL MEMBERS, & TO FACILITATE CONCEALING RACEWAYS IN MANNER ANTICIPATED IN DESIGN. PROVIDE MATERIALS W/ TRIM THAT WILL FIT PROPERLY TYPES OF CEILING, WALL, OR FLOOR FINISHES ACTUALLY INSTALLED.

26-I-E. ORDINANCES. CODES. & STANDARDS

20—1-E. ORDINANCES. COUDE. & STANDARUS

1. COMPLY, AT MINIMUM, W/ NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

STANDARDS, STATE & LOCAL BUILDING CODES, & ALL OTHER APPLICABLE CODES & ORDINANCES FOR PERFORMANCE, WORKMANSHIP, EQUIPMENT, & MATERIALS.

ADDITIONALLY, COMPLY W/ RULES & REGULATIONS OF PUBLIC UTILITIES & MUNICIPAL DEPARTMENTS AFFECTED BY CONNECTION OF SERVICES.

2. WHERE CONFLICTS BETWEEN VARIOUS CODES, ORDINANCES, RULES, & REGULATIONS EXIST, COMPLY W/ MOST STRINGENT. WHEREVER REQUIREMENTS OF THESE SPECIFICATIONS, DRAWINOS, OR BOTH, EXCEED THOSE OF ABOVE ITEMS, REQUIREMENTS OF THESE SPECIFICATIONS, DRAWINGS, OR BOTH, SHALL GOVERN. CODE COMPLIANCE, AT MINIMUM, IS MANDATORY. CONSTRUE NOTHING IN THESE CONSTRUCTION DOCUMENTS AS PERMITTING WORK NOT IN COMPLIANCE, AT MINIMUM, W/ THESE CODES.

3. BRING ALL CONFLICTS OBSERVED BETWEEN CODES, ORDINANCES, RULES, REGULATIONS, REFERENCED STANDARDS, & THESE DOCUMENTS TO ENGINEER'S ATTENTION FOR FINAL RESOLUTION. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY VIOLATION OF LAW.

4. PROVIDE & MAINTAIN ALL NECESSARY SIGNAL LIGHTS & GUARDS FOR SAFETY OF PUBLIC. OBTAIN & PAY FOR ALL PERMITS FOR WORK IN THIS DIVISION.

26-I-F. PROTECTION OF EQUIPMENT & MATERIALS

1. STORE & PROTECT FROM DAMAGE EQUIPMENT & MATERIALS DELIVERED TO JOB SITE, IN ACCORDANCE W/ MANUFACTURERS' RECOMMENDATIONS. FOR MATERIALS & EQUIPMENT SUSCEPTIBLE TO CHANGING WEATHER CONDITIONS, DAMPNESS, OR TEMPERATURE VARIATIONS, STORE INSIDE IN CONDITION SPACES. FOR MATERIALS & EQUIPMENT NOT SUSCEPTIBLE TO THESE CONDITIONS, COVER AS REQUIRED TO PROTECT FROM DIRT & DAMAGE. EQUIPMENT & MATERIAL DAMAGED BY CONSTRUCTION ACTIVITIES WILL BE REJECTED, & CONTRACTOR SHALL FURNISH NEW EQUIPMENT & MATERIAL OF LIKE KIND. PLUG OR CAP OPEN ENDS OF CONDUITS WHILE STORED & INSTALLED DURING CONSTRUCTION WHEN NOT IN USE TO PREVENT ENTRANCE OF DEBRIS INTO SYSTEMS.

22—I—I SHOP DRAWINGS

SUBMIT TO ARCHITECT FOR APPROVAL, ELECTRONIC PDF COPIES OF MANUFACTURER'S SHOP DRAWINGS FOR EQUIPMENT TO BE FURNISHED UNDER THIS CONTRACT, ITEMS REQUIRING COORDINATION BETWEEN CONTRACTORS & SHEET METAL DUCTWORK FABRICATION DRAWINGS. BEFORE SUBMITTING SHOP DRAWINGS VERIFY EQUIPMENT SUBMITTED IS MUTUALLY COMPATIBLE & SUITABLE FOR INTENDED USE & WILL FIT AVAILABLE SPACE & ALLOW AMPLE ROOM FOR MAINTENANCE. ENCINEER'S CHECKING & SUBSEQUENT APPROVAL OF SUCH SHOP DRAWINGS WILL NOT RELIEVE CONTRACTOR FROM RESPONSIBILTY FOR ERRORS IN DIMENSIONS, DETAILS, SIZE OF MEMBERS, QUANTITIES, OMISSIONS OF COMPONENTS OR FITTINGS; COORDINATION OF ELECTRICAL REQUIREMENTS; OR FOR COORDINATING ITEMS W/ ACTUAL BUILDING CONDITIONS. PROCEED W/ PROCUREMENT & INSTALLATION OF EQUIPMENT ONLY AFTER RECEIVING APPROVED SHOP DRAWINGS RELATIVE TO EACH ITEM.

2. SUBMITTAL DATA SHALL BE NEATLY ORGANIZED, IDENTIFIED & INDEXED. EACH ITEM OR MODEL NUMBER SHALL BE CLEARLY MARKED & ACCESSORIES INDICATED. LABEL CATALOG DATA W/ EQUIPMENT IDENTIFICATION ACRONYM OR NUMBER AS USED ON DRAWINGS & INCLUDE PERFORMANCE CURVES, CAPACITIES, SIZES, MATERIALS, FINISHES, WIRING DIAGRAMS & DEVIATIONS FROM SPECIFIED EQUIPMENT OR MATERIALS. MARK OUT INAPPLICABLE ITEMS. SHOP DRAWINGS BILL BE RETURNED WITHOUT REVIEW IF ABOVE MENTIONED REQUIREMENTS ARE NOT MET.

MATERIALS. MARK OUT INAPPLICABLE ITEMS. SHOP DRAWINGS WILL BE RETURNED WITHOUT REVIEW IF ABOVE MENTIONED REQUIREMENTS ARE NOT MET.

3. REQUIREMENTS SHALL BE MET ELECTRONICALLY & SUBMITTED AS PDF IN FILES LESS THAN 10MB.

4. CONTRACTOR'S STAMP, WHICH SHALL CERTIFY THAT STAMPED DRAWINGS HAVE BEEN CHECKED BY CONTRACTOR, COMPLY W/ DRAWINGS & SPECIFICATIONS, & HAVE BEEN COORDINATED W/ OTHER TRADES.

5. TRANSMIT SUBMITTALS AS EARLY AS REQUIRED TO SUPPORT PROJECT SCHEDULE. ALLOW FOR TWO WEEKS A/E REVIEW TIME, PLUS DUPLICATION OF THIS TIME FOR RESUBMITTALS, IF REQUIRED. TRANSMIT SUBMITTALS AS SOON AS POSSIBLE AFTER NOTICE TO PROCEED & BEFORE CONSTRUCTION STARTS. ENGINEER'S SUBMITTAL REVIEWS WILL NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS IN DIMENSIONS, DETAILS, SIZE OF MEMBERS, OR QUANTITIES; OR FOR OMITTING COMPONENTS OR FITTINGS; OR FOR NOT COORDINATING ITEMS W/ ACTUAL BUILDING CONDITIONS.

26—I-J. OPERATION & MAINTENANCE INSTRUCTIONS

1. COLLECT & COMPILE COMPLETE BROCHURE OF EQUIPMENT FURNISHED & INSTRUCTIONS, MANUFACTURER'S CATALOG SHEETS, WIRING DIAGRAMS, PARTS LISTS, APPROVED SHOP DRAWINGS, TEST & BALANCE REPORTS, & DESCRIPTIVE LITERATURE AS FURNISHED BY EQUIPMENT MANUFACTUREN. INCLUDE AN INSIDE COVER SHEET THAT LISTS PROJECT NAME, DATE, OWNER, ARCHITECT, CONSULTING ENGINEER, GENERAL CONTRACTOR, SUB—CONTRACTOR, & AN INDEX OF CONTENTS. SUBMIT THREE COPIES OF LITERATURE BOUND IN 3—RING BINDERS W/ INDEX TABS SEPARATING EQUIPMENT TYPES TO ARCHITECT AT TERMINATION OF WORK, FINAL APPROVAL OF PLUMBING SYSTEMS WILL BE WITHHELD UNTIL MANUAL IS RECEIVED & DEEMED COMPLETE BY ARCHITECT & ENGINEER. PROVIDE "AS—BUILT" DRAWINGS (SEE DIVISION 1 & GENERAL CONDITIONS).

2. THESE REQUIRMENTS MAY SHALL ALSO BE PROVIDED TO THE OWNER IN A WELL

FINAL COPIES SHALL BE FURNISHED TO OWNER AS PART OF O&M DOCUMENTS IN

26-I-I. OPERATION & MAINTENANCE INSTRUCTIONS

1. SUBMIT TO ARCHITECT, FOR ENGINEER'S REVIEW, COPIES EACH OF OPERATIONS & MAINTENANCE INSTRUCTION MANUALS, APPROPRIATELY BOUND INTO MANUAL FORM INCLUDING APPROVED COPIES OF FOLLOWING, REVISED IF NECESSARY TO SHOW SYSTEM & EQUIPMENT AS ACTUALLY INSTALLED. PROVIDE NUMBER OF SUBMITTALS REQUIRED BY DIVISION 1; HOWEVER, AT MINIMUM, SUBMIT THREE (3) SETS, & INCLUDE, AT MINIMUM, FOLLOWING INFORMATION:

ORGANIZED PDF ELECTRONIC SUBMISSION & DELIVERED ON A DVD OR THUMBDRIVE.

1A. MANUFACTURERS' CATALOGS & PRODUCT DATA SHEETS, WIRING DIAGRAMS MAINTENANCE INSTRUCTIONS, OPERATING INSTRUCTIONS, PARTS LISTS

2. TEST REPORTS AS DEFINED IN NETA ATS FOR SYSTEMS & EQUIPMENT PROVIDED OR FURNISHED OR INSTALLED UNDER THIS CONTRACT.

3. NAMES, ADDRESSES, TELEPHONE NUMBERS, & E—MAIL ADDRESSES OF LOCAL CONTACTS FOR WARRANTY SERVICES & SPARE PARTS.

4. SUBMIT MANUALS PRIOR TO REQUESTING FINAL PUNCH LIST & BEFORE ANY REQUESTS FOR SUBSTANTIAL COMPLETION. ALSO PROVIDE ADEQUATE VERBAL INSTRUCTIONS OF SYSTEM OPERATIONS TO OWNER'S REPRESENTATIVE AT COMPLETION OF, & BEFORE FINAL ACCEPTANCE OF, WORK.

26—I—J. TRAINING

1. AT TIME MUTUALLY AGREED UPON BETWEEN OWNER & CONTRACTOR, PROVIDE SERVICES OF FACTORY TRAINED & AUTHORIZED REPRESENTATIVE TO TRAIN OWNER'S DESIGNATED PERSONNEL ON OPERATION & MAINTENANCE OF EQUIPMENT PROVIDED FOR THIS PROJECT.

2. PROVIDE TRAINING TO INCLUDE BUT NOT BE LIMITED TO AN OVERVIEW OF SYSTEM &/OR EQUIPMENT AS IT RELATES TO FACILITY AS WHOLE; OPERATION & MAINTENANCE PROCEDURES & SCHEDULES RELATED TO STARTUP & SHUTDOWN, TROUBLESHOOTING, SERVICING, PREVENTIVE MAINTENANCE & APPROPRIATE OPERATOR INTERVENTION); & REVIEW OF DATA INCLUDED IN OPERATION & MAINTENANCE INSTRUCTIONS.

3. SUBMIT CERTIFICATION LETTER TO ARCHITECT STATING THAT OWNER'S DESIGNATED REPRESENTATIVE HAS BEEN TRAINED AS SPECIFIED HEREIN. LETTER SHALL INCLUDE DATE, TIME, ATTENDEES & SUBJECT OF TRAINING. CONTRACTOR & OWNER'S REPRESENTATIVE SHALL SIGN CERTIFICATION LETTER INDICATIVE ACCRETIVENT THAT

3. SUBMIT CERTIFICATION LETTER TO ARCHITECT STATING THAT OWNER'S DESIGNATED REPRESENTATIVE HAS BEEN TRAINED AS SPECIFIED HEREIN. LETTER SHALL INCLUDE DATE, TIME, ATTENDEES & SUBJECT OF TRAINING, CONTRACTOR & OWNER'S REPRESENTATIVE SHALL SIGN CERTIFICATION LETTER INDICATING AGREEMENT THAT TRAINING HAS BEEN PROVIDED.

4. SCHEDULE TRAINING W/ OWNER W/ AT LEAST 7 DAYS' ADVANCE NOTICE.

26—1—K. WARRANTIES

1. WARRANT EACH SYSTEM & EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM & EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM AS EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO EACH SYSTEM.

FAULTY WORKMANSHIP, DESIGN OR MATERIAL FOR PERIOD OF 12 MONTHS FROM DATE OF SUBSTANTIAL COMPLETION, UNLESS SPECIFIC ITEMS ARE NOTED TO CARRY LONGER WARRANTY IN CONSTRUCTION DOCUMENTS OR MANUFACTURER'S STANDARD WARRANTY EXCEEDS 12 MONTHS.

2. REMEDY ALL DEFECTS, OCCURRING WITHIN WARRANTY PERIOD(S), AS STATED IN GENERAL CONDITIONS & DIVISION 1. ALSO WARRANT FOLLOWING ADDITIONAL ITEMS: 2.1. ALL RACEWAYS ARE FREE FROM OBSTRUCTIONS, HOLES, CRUSHING, OR BREAKS OF ANY NATURE, ALL RACEWAY SEALS ARE EFFECTIVE, ENTIRE ELECTRICAL SYSTEM IS FREE FROM ALL SHORT CIRCUITS & UNWANTED OPEN CIRCUITS & GROUNDS.

3. ABOVE WARRANTIES SHALL INCLUDE LABOR & MATERIAL MAKE REPAIRS OR REPELACEMENT WITHOUT ANY ADDITIONAL COSTS TO OWNER.

ELECTRICAL SYSTEM IS FREE FROM ALL SHORT CIRCUITS & UNWANTED OPEN CIRCUITS & GROUNDS.

3. ABOVE WARRANTIES SHALL INCLUDE LABOR & MATERIAL. MAKE REPAIRS OR REPLACEMENTS WITHOUT ANY ADDITIONAL COSTS TO OWNER.

4. PERFORM REMEDIAL WORK PROMPILY, UPON WRITTEN NOTICE FROM ENGINEER OR OWNER.

5. AT TIME OF SUBSTANTIAL COMPLETION, DELIVER TO OWNER ALL WARRANTIES, IN WRITING & PROPERLY EXECUTED, INCLUDING TERM LIMITS FOR WARRANTIES EXTENDING BEYOND ONE YEAR PERIOD, EACH WARRANTY INSTRUMENT BEING ADDRESSED TO OWNER & STATING COMMENCEMENT DATE & TERM.

26—I-L. MISCELLANEOUS REMODELING WORK

1. PROVIDE ALL DEMOLITION OF EXISTING ELECTRICAL SYSTEMS & NEW ELECTRICAL SYSTEM MODIFICATIONS REQUIRED BECAUSE OF BUILDING REMODELING, AS NOTED ON DRAWINGS, OR NECESSARY FOR PROPER OPERATION & NEW CONSTRUCTION. REMOVE ALL ABANDONED CABLES & WIRING ABOVE ACCESSIBLE CEILINGS & VENTILATION SHAFTS.

2. REMOVE DEBRIS, RUBBISH, & OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS FROM BUILDING SITE. TRANSPORT & LEGALLY DISPOSE OFF SITE.

3. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, COMPLY W/ APPLICABLE REGULATIONS, LAWS, & ORDINANCES CONCERNING REMOVAL, HANDLING, & PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION.

4. ERECT & MAINTAIN DUST—PROOF PARTITIONS & CLOSURES AS REQUIRED TO PREVENT SPREAD OF DUST OR FUMES TO ANY OCCUPIED PORTIONS OF THE BUILDING.

5. PHOTOGRAPHS OF EXISTING CONDITIONS OF STRUCTURE SURFACES, EQUIPMENT, & ADJACENT IMPROVEMENTS THAT MIGHT BE MISCONSTRUED AS DAMAGE RELATED TO REMOVAL OPERATIONS. FILE W/ ARCHITECT PRIOR TO START OF WORK.

26-I-M. BUILDING OPERATION

1. COMPLY W/ SCHEDULE OF OPERATIONS AS OUTLINED IN ARCHITECTURAL PORTIONS OF THIS SPECIFICATION. BUILDING SHALL BE IN CONTINUOUS OPERATION. ACCOMPLISH WORK THAT REQUIRES INTERRUPTION OF BUILDING OPERATION AT TIME WHEN BUILDING IS NOT IN OPERATION, & ONLY W/ WRITTEN APPROVAL OF BUILDING OWNER &/OR TENANT. COORDINATE INTERRUPTION OF BUILDING OPERATION W/ OWNER &/OR TENANT MINIMUM OF 7 DAYS IN ADVANCE OF WORK.

26—I—N. COINCIDENTAL DAMAGE

1. REPAIR ALL STREETS, SIDEWALKS, DRIVES, PAVING, WALLS, FINISHES, & OTHER FACILITIES DAMAGED IN COURSE OF THIS WORK. REPAIR MATERIALS SHALL MATCH EXISTING CONSTRUCTION. REPAIR MATERIALS SHALL GENERALLY MATCH EXISTING CONSTRUCTION. ALL BACKFILLING & REPAIRING SHALL MEET ALL REQUIREMENTS OF OWNER, CITY & OTHERS HAVING JURISDICTION. REPAIR WORK SHALL BE THOROUGHLY FIRST CLASS. CONFORM TO ALL REQUIREMENTS OF DIVISION 2 OF THESE SPECIFICATIONS.

25—I—O. CUTTING & PATCHING

1. FOLLOWING REQUIREMENTS IN DIVISION 1, CUT WALLS, FLOORS, CEILINGS, & OTHER PORTIONS OF FACILITY AS REQUIRED TO PERFORM WORK UNDER THIS DIVISION. OBTAIN PERMISSION OF ENGINEER, OWNER, OR BOTH, BEFORE DOING ANY CUTIING. CUT ALL HOLES AS SMALL AS POSSIBLE. PATCH WALLS, FLOORS, & OTHER PORTIONS OF FACILITY AS REQUIRED BY WORK UNDER THIS DIVISION. ALL PATCHING SHALL BE THOROUGHLY FIRST CLASS & SHALL MATCH ORIGINAL MATERIAL & CONSTRUCTION, INCLUDING FIRE RATINGS IF APPLICABLE.

1. COORDINATE WITHOUT DELAY ALL ROUGHING-IN W/ OTHER DIVISIONS. CONCEAL ALL RACEWAYS EXCEPT IN UNFINISHED AREAS & WHERE OTHERWISE INDICATED ON DRAWINGS.

25—1—Q. PENELIYATIONS

1. COORDINATE SLEEVE SELECTION & APPLICATION W/ SELECTION & APPLICATION OF FIRE—STOPPING SPECIFIED IN DIVISION 7 SECTION "THROUGHPENETRATION FIRESTOP SYSTEMS."

2. ROOFS:
2. COORDINATE ALL BOOF PENETRATIONS W/ ENGINEER OWNER & AS

APPLICABLE, ROOFING CONTRACTOR PROVIDING ROOF WARRANTY.

2B. KEEP ALL RACEWAY PENETRATIONS WITHIN MECHANICAL EQUIPMENT CURBS WHEREVER POSSIBLE. COORDINATE W/ DIMSION 15 WORK.

2C. FLASH & COUNTERFLASH ALL OPENINGS THROUGH ROOF, &/OR PROVIDE PRE-FABRICATED MOLDED SEALS COMPATIBLE W/ ROOF CONSTRUCTION INSTALLED, OR AS REQUIRED BY ENGINEER, OWNER, OR ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE LEAKTIGHT AT TERMINATION OF WORK & SHALL NOT VOID ANY NEW OR EXISTING ROOF WARRANTIES.

3. WALLS & FLOORS:

3A. SLEEVES FOR RACEWAYS & CABLES — STEEL PIPE SLEEVES: ASTM 53/A 53M, 1YPE E, GRADE B, SCHEDULE 40, GALVANIZED STEEL, PLAIN ENDS & DRIP RINGS. CAST—IRON PIPE SLEEVES: CAST OR FABRICATED "WALL PIPE." EQUINALENT TO DUCTILE—IRON PRESSURE PIPE, W/ PLAIN ENDS & INTEGRAL WATERSTOP UNLESS OTHERWISE INDICATED.

3B. SLEEVES FOR RECTANGULAR OPENINGS: GALVANIZED SHEET STEEL W/ MINIMUM 0.052— OR 0.138—INCH THICKNESS AS INDICATED & OF LENGTH TO SUIT

26—I—R. FIRE—STOPPING THROUGH PENETRATIONS

1. FIRE—RESISTANT THROUGH PENETRATION SEALANTS: TWO—PART, FOAMED—INPLACE, SILICONE SEALANT FORMULATED FOR USE IN THROUGH—PENETRATION FIRE—STOPPING AROUND CABLES, RACEWAYS, & CABLE TRAY PENETRATIONS THROUGH FIRE—RATED WALLS & FLOORS. SEALANTS & ACCESSORIES SHALL HAVE FIRE—RESISTANCE RATINGS INDICATED, AS ESTABLISHED BY TESTING IDENTICAL ASSEMBLIES IN ACCORDANCE W/ ASTM E 814, BY UNDERWRITERS' LABORATORIES, INC., OR OTHER NRTL ACCEPTABLE TO AHJ. ACCEPTABLE MANUFACTURERS: HLTI, 3M, RECTORSEAL, SPECIFY TECHNOLOGY INC., UNITED STATES GYPSUM COMPANY.

26—I—S. SUBMITTALS

1. SUBMIT PRODUCT DATA: MANUFACTURER'S SPECIFICATIONS & TECHNICAL DATA FOR EACH MATERIAL INCLUDING COMPOSITION & LIMITATIONS, DOCUMENTATION OF UL FIRESTOP SYSTEMS TO BE USED & MANUFACTURER'S INSTALLATION INSTRUCTIONS TO COMPLY W/ DIVISION 1.

2. MANUFACTURER'S ENGINEERING JUDGMENT IDENTIFICATION NUMBER & DRAWING DETAILS WHEN NO UL SYSTEM IS AVAILABLE FOR AN APPLICATION. ENGINEERING JUDGMENT SHALL INCLUDE BOTH PROJECT NAME & CONTRACTOR'S NAME WHO WILL INSTALL FIRESTOP SYSTEM AS DESCRIBED IN DRAWINGS.

3. SUBMIT MATERIAL SAFETY DATA SHEETS PROVIDED W/ PRODUCT DELIVERED TO JOB—SITE.

26-I-T. ACCESS DOORS

1. PROVIDE ACCESS DOORS IN CEILINGS & WALLS, WHERE INDICATED OR REQUIRED
FOR ACCESS OR MAINTENANCE TO CONCEALED EQUIPMENT INSTALLED UNDER THIS
SECTION. PROVIDE CONCEALED HINGES SCREWDRIVER-TYPE LOCK, & ANCHOR
STRAPS. MANUFACTURED BY MILCOR, ZURN, TITUS, OR EQUAL. OBTAIN ARCHITECT'S
APPROVAL OF TYPE, SIZE, LOCATION & COLOR BEFORE ORDERING.

26-I-U. EQUIPMENT FURNISHED BY OTHERS

1. PROVIDE NECESSARY EQUIPMENT & ACCESSORIES THAT ARE NOT PROVIDED BY EQUIPMENT SUPPLIER OR OWNER TO COMPLETE INSTALLATION OF EQUIPMENT FURNISHED BY OTHERS, IN LOCATIONS AS INDICATED ON DRAWINGS, SPECIFIED HEREIN, OR BOTH. EQUIPMENT & ACCESSORIES NOT PROVIDED BY EQUIPMENT SUPPLIER MAY INCLUDE SUCH ITEMS AS FLEXIBLE CORDS & PLUGS, AS REQUIRED FOR PROPER OPERATION OF COMPLETE SYSTEM, IN ACCORDANCE W/MANUFACTURERS' INSTRUCTIONS.

2. BE RESPONSIBLE FOR 9ORRECT ROUGH—IN DIMENSIONS, & VERIFY THEM W/ENGINEER, OWNER S REPRESENTATIVE, EQUIPMENT SUPPLIER, OR ALL THREE, PRIOR TO ROUGH—IN & SERVICE INSTALLATIONS.

26-I-V. CLEANING

1. IN ADDITION TO REQUIREMENTS OF DIVISION 1, REMOVE FROM PREMISES DIRT & REFUSE RESULTING FROM PERFORMANCE OF ELECTRICAL WORK, AS REQUIRED, TO PREVENT ACCUMULATION. COOPERATE IN MAINTAINING REASONABLY CLEAN PREMISES AT ALL TIMES. IMMEDIATELY PRIOR TO FINAL INSPECTION, MAKE FINAL CLEANUP OF DIRT & REFUSE RESULTING FROM WORK. CLEAN ALL MATERIAL & EQUIPMENT INSTALLED UNDER THIS DIVISION. REMOVE DIRT, DUST, PLASTER, STAINS & FOREIGN MATTER FROM ALL SURFACES. TOUCH UP & RESTORE ALL DAMAGED FINISHES TO THEIR ORIGINAL CONDITION.

26—I—W. ADJUSTING. ALIGNING & TESTING

1. ADJUST, ALIGN, & TEST ALL ELECTRICAL EQUIPMENT ON THIS PROJECT PROVIDED UNDER THIS DIVISION & ALL ELECTRICAL EQUIPMENT FURNISHED BY OTHERS FOR INSTALLATION OR WIRING UNDER THIS DIVISION FOR PROPER OPERATION. TEST ALL SYSTEMS & EQUIPMENT ACCORDING TO REQUIREMENTS IN NETA ATS (LATEST EDITION) & ALL ADDITIONAL REQUIREMENTS SPECIFIED

2. IN FOLLOWING SECTIONS. MAINTAIN FOLLOWING ON PROJECT PREMISES AT ALL TIMES: TRUE RMS READING VOLTMETER, TRUE RMS READING AMMETER, & MEGOHMMETER INSULATION RESISTANCE TESTER. PROVIDE TEST DATA READINGS AS REQUIRESTED OR AS REQUIRED BY ENGINEER

26-I-X. SYSTEM START UP
1. PRIOR TO STARTING UP ELECTRICAL SYSTEMS:

1.1. CHECK ALL COMPONENTS & DEVICES.

1.2. LUBRICATE ITEMS ACCORDINGLY.

1.3. TIGHTEN SCREWS & BOLTS FOR CONNECTORS & TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE—TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL 486A & UL 486B.

1.4. CHECK & RECORD BUILDING'S SERVICE ENTRANCE VOLTAGE, GROUNDING CONDITIONS, GROUNDING RESISTANCE, & PROPER PHASING.

1.5. REPLACE ALL BURNED—OUT LAMPS & LAMPS USED FOR TEMPORARY CONSTRUCTION LIGHTING IN PERMANENT LIGHT FIXTURES.

1.6. AFER ALL SYSTEMS HAVE BEEN INSPECTED & ADJUSTED, CONFIRM ALL OPERATING FEATURES REQUIRED BY DRAWINGS & SPECIFICATIONS & MAKE FINAL ADJUSTMENTS AS NECESSARY.

26—I—Y. EXISTING EQUIPMENT REUSE & REMOVAL

1. REMOVE ALL EXISTING WIRING, LIGHT FIXTURES, EXPOSED CONDUITS & OTHER ELECTRICAL INSTALLATIONS NOT REUSED PRIOR TO SUBSTANTIAL COMPLETION OF WORK. EXISTING RACEWAYS MAY BE REUSED IF THEIR POINTS OF TERMINATIONS ARE SUITABLE; IF THEY ARE CLEAN INSIDE W/ NO EVIDENCE OF RUST OR BURRS; IF FREE FROM CRACKS, FLATTENED SECTIONS OR SHARP BENDS; &, IF SUITABLY LOCATED TO AVOID CONFLICTS W/ OTHER TRADES OR INSTALLATIONS. CAREFULLY "FISH" ALL EXISTING CONDUITS REUSED UNDER THIS CONTRACT TO REMOVE ALL DEBRIS & OBSTRUCTIONS, & SWAB UNTIL ALL MOISTURE IS REMOVED.

2. CUT, PATCH, & REPAIR WHERE REQUIRED FOR NEW ELECTRICAL INSTALLATIONS, & PATCH & REPAIR ALL SURFACE DAMAGE RESULTING FROM THIS WORK. CUT FLUSH W/ FLOOR & PLUG AT BOTH ENDS, RACEWAYS STUBBED ABOVE FLOOR & NOT USED AT SUBSTANTIAL COMPLETION OF WORK.

3. RELOCATE ALL EXISTING ELECTRICAL SYSTEMS REQUIRED TO BE IN OPERATION AT SUBSTANTIAL COMPLETION OF CONTRACT, IF REQUIRED, AS RESULT OF WORK INCLUDED UNDER THIS CONTRACT, EVEN IF NOT SPECIFICALLY INDICATED IN DRAWNINGS OR SPECIFICATIONS.

6-I-Z. CONDUIT & CONDUCTORS

FOLLOW CIRCUITING SHOWN ON PLANS. USE NO CONDUIT SMALLER THAN 1/2" & NO CONDUCTORS SMALLER THAN #12 GA. UNLESS NOTED OTHERWISE.

IF NO CONDUCTOR SIZE IS INDICATED ON DRAWINGS FOR BRANCH CIRCUIT, PROVIDE CONDUCTORS & CONDUIT SIZED PER NFPA 70 & BASED ON INDICATED

BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE (OCPD) RATING & NUMBER OF POLES.

BREAKER.WIRE SHALL BE IN NON-FLEXIBLE METALLIC CONDUIT (EMT, IMC OR RMC) FOR ALL CIRCUITS & FEEDERS GREATER THAN 30A, LIGHT SWITCH RISERS, KITCHEN CIRCUITS & HOME RUNS.

MC CABLE ACCEPTABLE FOR BRANCH CONVENIENCE CIRCUITS & LIGHTING CIRCUITS. DO NOT DAISY CHAIN LIGHT FIXTURES. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN 5-FOOT RADIUS OF ITS INSTALLED LOCATION, BUT NOT EXCEEDING 6 FEET IN UNSUPPORTED LENGTHS.

OF ITS INSTALLED LOCATION, BUT NOT EXCEEDING 6 FEET IN UNSUPPORTED LENGTHS.

5. DO NOT USE MC CABLE FOR FOLLOWING: HOMERUNS TO PANELBOARDS. WHERE EXPOSED TO VIEW OR DAMAGE, HAZARDOUS OR WET LOCATIONS, & WHEN DISALLOWED BY LOCAL AHJ OR LANDLORD.

6. PROVIDE HEALTH CARE RATED MC FOR MEDICAL TREATMENT AREAS AS DEFINED BY THE NEC WHEN NOT IN CONDUIT.

7. CONDUIT INSTALLED BELOW GRADE SHALL BE SCHEDULE 80 PVC HEAVY WALL PLASTIC CONDUIT MEETING NEMA STANDARDS & UL LISTED FOR UNDERGROUND & EXPOSED USE. PROVIDE GRS RADIUS BENDS & RISERS AS CONDUITS RISE ABOVE GRADE OR ABOVE FLOOR SLAB.

8. PROVIDE INTERLOCKING SPACERS FOR MULT RUNS OF UG CONDUITS IN SAME

LIGHTING & RECEPTACLE CIRCUIT CONDUCTORS SHALL BE COPPER THWN/THHN

600 VOLT, 75 DEG C, COLOR CODED AS DESCRIBED UNDER APPLICABLE CODES.

NO ROMEX, PLASTIC FLEX TUBING ETC PERMITTED. LIGHT FIXTURE WIRE INSULATION SHALL HAVE TEMP RATING NOT LESS THAN INDIVIDUAL FIXTURE MANUF RECOMMENDED RATING.

10. CIRCUITS W/ NO. 8 OR LARGER CONDUCTORS, MOTOR CIRCUITS, POWER & FEEDER CIRCUITS & BUILDING SERVICE FEEDERS SHALL BE COPPER THIWN/THHN 600 VOLT, 75 DEG C.

11. ALL CONDUIT, JUNCTION BOXES, ETC. ABOVE CEILINGS SHALL BE SUPPORTED FROM STRUCTURE. PIPE SLEEVES, HANGERS & SUPPORTS SHALL BE FURNISHED & SET & CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER & PERMANENT LOCATIONS.

12. SUPPORT ALL CONDUCTORS & CABLES IN VERTICAL INSTALLATIONS, AS REQUIRED BY NFPA 70, BY INSTALLING CABLE SUPPORTS OR PLUG—TYPE CONDUIT RISER SUPPORTS, OR WIRE—MESH SAFETY GRIPS.

13. INSTALL ALL CONDUCTORS & CABLE IN RACEWAYS CONTINUOUS WITHOUT TAPS OR SPLICES. SPLICE OR TAP ONLY IN APPROVED BOXES & ENCLOSURES W/ APPROVED SOLDERLESS CONNECTORS, OR CRIMP CONNECTORS & TERMINAL BLOCKS FOR CONTROL WIRTING, & KEEP TO MINIMUM REQUIRED. INSULATE ALL SPLICES, TAPS, & JOINTS AS REQUIRED BY CODES.

BLOCKS FOR CONTROL WIRING, & KEEP TO MINIMUM REQUIRED. INSULATE ALL SPLICES, TAPS, & JOINTS AS REQUIRED BY CODES.

14. ALL MATERIALS USED TO TERMINATE, SPLICE OR TAP CONDUCTORS: DESIGNED FOR, PROPERLY SIZED FOR, & UL LISTED FOR SPECIFIC APPLICATION & CONDUCTORS INVOLVED, & INSTALLED IN STRICT ACCORDANCE W/ MANUFACTURER'S RECOMMENDATIONS, USING THEMANUFACTURER'S RECOMMENDED TOOLS.

15. WHERE WIRING IS INDICATED AS INSTALLED, BUT CONNECTION IS INDICATED "FUTURE" OR "BY OTHER DIVISION, TRADES, OR CONTRACTS", LEAVE MINIMUM 3—FOOT "PIGTAL" AT BOX, TAPE ENDS OF CONDUCTORS, & COVER BOX.

16. NUMBER OF CONDUCTORS IN SPECIFIC RACEWAY "HOME RUN" IS INDICATED W/ CROSS LINES (TICK MARKS) ON EACH "CIRCUIT RUN" ON DRAWINGS. IN GENERAL, DIRECTION OF BRANCH CIRCUIT "HOME RUN" ROUTING IS INDICATED ON DRAWINGS, COMPLETE W/ CIRCUIT NUMBERS & PANELBOARD DESIGNATION. CONTINUE ALL SUCH "HOME RUN" WIRING TO DESIGNATED PANELBOARD, AS THOUGH "CIRCUIT RUNS" WERE INDICATED IN THEIR ENTIRETY.

17. WIRING SHALL HAVE INSULATION OF PROPER COLOR TO MATCH NEC COLOR CODE.

IN LARGER SIZES, WHERE PROPERLY COLORED INSULATION IS NOT AVAILABLE, USE VINYL PLASTIC ELECTRICAL TAPE OF APPROPRIATE COLOR AROUND EACH

ONDUCTOR AT ALL TERMINATION POINTS, JUNCTION & PULL BOXES.

26—1—AA. RACEWAY INSTALLATION

1. INSTALL ALL CIRCULAR RACEWAYS CONCEALED ABOVE SUSPENDED CEILINGS OR CONCEALED IN WALLS OR FLOORS WHEREVER POSSIBLE EXCEPT WHERE OTHERWISE INDICATED.

2. PROVIDE GRS FOR ALL CONDUITS RUN UNDERGROUND, EXPOSED TO WEATHER, OR EXPOSED TO OTHER HAZARDOUS CONDITIONS. PROVIDE GRS INSTALLED BELOW GRADE W/ CORROSION RESISTANT BONDED—PLASTIC OR APPROVED MASTIC COATING. THIS SHALL INCLUDE 90—DEGREE ELBOW BELOW GRADE & ENTIRE VERTICAL TRANSITION TO ABOVE GRADE.

3. ALL OTHER RACEWAY MAY BE ENT WHERE APPROVED BY LOCAL CODE. USE COMPRESSION TYPE FITTINGS FOR ENT, W/ ALL FITTINGS UL LISTED FOR ENTIRONMENT IN WHICH THEY ARE USED.

4. USE FMC FOR FINAL CONNECTION TO EACH MOTOR & TRANSFORMER, & TO ANY DEVICE THAT WOULD OTHERWISE TRANSMIT MOTION, VIBRATION, OR NOISE. USE LFMC WHERE EXPOSED TO LIQUIDS, VAPORS OR SUNLIGHT.

5. PROVIDE ALL FING & LFING W/ AN INSULATED BONDING CONDUCTOR.
6. INSTALL RACEWAYS PARALLEL & PERPENDICULAR TO BUILDING LINES.
7. INSTALL RACEWAYS TO REQUIREMENTS OF STRUCTURE & TO REQUIREMENTS OF ALL OTHER WORK ON PROJECT. INSTALL RACEWAY TO CLEAR ALL OPENINGS, DEPRESSIONS, PIPES, DUCTS, REINFORCING STEEL, & OTHER IMMOVABLE OBSTACLES. INSTALL RACEWAYS SET IN FORMS FOR CONCRETE STRUCTURE IN SUCH MANNER THAT INSTALLATION WILL NOT AFFECT STRENGTH OF STRUCTURE.
8. INSTALL RACEWAYS CONTINUOUS BETWEEN CONNECTIONS TO OUTLETS, BOXES & CABINETS W/ MINIMUM POSSIBLE NUMBER OF BENDS & NOT MORE THAN EQUIVALENT OF FOUR 90-DEGREE BENDS BETWEEN CONNECTIONS. USE MANUFACTURED ELBOWS FOR ALL 45- & 90-DEGREE BENDS, UNLESS APPROVED BY ENGINEER IN ADVANCE. MAKE OTHER BENDS SMOOTH & EVEN & WITHOUT FLATTENING RACEWAY OR FLAKING GALVANIZING OR ENAMEL. RADII OF BENDS SHALL BE AS LONG AS POSSIBLE & NEVER SHORTER THAN CORRESPONDING TRADE ELBOW. USE LONG RADIUS ELBOWS WHERE NECESSARY, INDICATED, OR BOTH.
9. SECURELY FASTEN RACEWAYS IN PLACE W/ APPROVED STRAPS, HANGERS & STEEL SUPPORTS AS REQUIRED. ATTACH RACEWAY SUPPORTS TO BUILDING STRUCTURE. HANG SINGLE RACEWAYS FOR FEEDERS W/ MALLEABLE SPLIT RING HANGERS W/ ROD & TURNBUCKLE SUSPENSION FROM INSERTS SPACED NOT OVER 10 FEET APART IN CONSTRUCTION ABOVE.
10. CLAMP GROUPS OF HORIZONTAL FEEDER RACEWAYS TO STEEL CHANNIELS THAT ARE SUSPENDED FROM INSERTS SPACED NOT OVER 10 FEET APART IN CONSTRUCTION ABOVE.
11. CLAMP GROUPS OF HORIZONTAL FEEDER RACEWAYS TO STRUCTURAL STEEL MEMBERS ATTACHED TO STRUCTURE. INSTALL CABLE CLAMPS FOR SUPPORT FROM SUSPENDED FROM INSERTS SPACED NOT OVER 10 FEET APART IN CONSTRUCTION ABOVE.
11. REAM RACEWAY ENDS, THOROUGHLY CLEAN RACEWAYS BEFORE INSTALLATION, & KEEP CLEAN AFTER INSTALLATION. PLUG OR COVER OPENINGS & BOXES AS REQUIRED TO KEEP RACEWAYS CLEAN DURING CONSTRUCTION & FISH ALL RACEWAY ENDS, THOROUGHLY CLEAN RACEWAYS BEFORE INSTALLATION, & FISH ALL RACEWAY ENDS, THOROUGHLY CLEAN DURING CONSTRUCTION & FISH ALL RACEWAY SELEAR OF OBSTRUCTIONS BEFORE PULLING CONDUCT

SWITCHBOARDS, MOTOR CONTROL EQUIPMENT & JUNCTION BOXES.

14. INSTALL APPROVED EXPANSION/DEFLECTION FITTINGS WHERE RACEWAYS PASS THROUGH (IF EMBEDDED) OR ACROSS (IF EXPOSED) EXPANSION JOINTS.

15. INSTALL PULL WIRE IN EACH EMPTY RACEWAY THAT IS LEFT FOR INSTALLATION OF CONDUCTORS OR CABLES UNDER OTHER DIVISIONS OR CONTRACTS. USE POLYPROPYLENE OR MONOFILAMENT PLASTIC LINE. LEAVE MIN. 24" SLACK AT EACH END.

16. MAKE ALL JOINTS & CONNECTIONS IN MANNER THAT WILL ENSURE MECHANICAL STRENGTH & ELECTRICAL CONTINUITY.

17. EFFECTIVELY SEAL RACEWAYS, BY INSTALLING CONDUIT FITTING AT BOUNDARY OF TWO SPACES, & FILLING IT W/ AN APPROVED PLIABLE MATERIAL, AFTER CONDUCTORS OR CABLES HAVE BEEN INSTALLED & TESTED, WHENEVERYRACEWAYS PASS FROM NON—CCOLED TO COOLED SPACES OR TRANSITION FROM OUTSIDE FACILITY OR ENCLOSURE TO INSIDE, WHETHER BURIED OR EXPOSED.

26—I—BB. BUSHINGS & LOCKNUTS

1. RIGIDLY TERMINATE CONDUITS ENTERING SHEET METAL ENCLOSURES TO ENCLOSURE
W/ BUSHING & LOCKNUT ON INSIDE & LOCKNUT OR AN APPROVED HUB ON
OUTSIDE. CONDUIT SHALL ENTER ENCLOSURE SQUARELY.
2. PROVIDE BUSHINGS & LOCKNUTS MADE OF CALVANIZED MALLEABLE IRON W/
SHARP, CLEAN—CUT THREADS. WHERE EMT ENTERS BOX, PROVIDE APPROVED EMT
COMPRESSION CONNECTORS.
3. USE INSULATED, GROUNDING, OR COMBINATION, BUSHINGS WHEREVER CONNECTION
IS SUBJECT TO VIBRATION OR MOISTURE WHEN REQUIRED BY NFPA 70, OR BOTH.

26—I-CC. OUTLET BOXES

1. ALL OUTLETS INCLUDING LIGHT FIXTURE, SWITCH, RECEPTACLE, & SIMILAR OUTLETS: NATIONAL ELECTRICAL, APPLETON, STEEL CITY, RACO, OR APPROVED EQUAL, GALVANIZED STEEL KNOCKOUT BOXES, SUITABLE IN DESIGN TO PURPOSE THEY SERVE & SPACE THEY OCCUPY. SIZE AS REQUIRED FOR SPECIFIC FUNCTION OR AS REQUIRED BY NFPA 70, WHICHEVER IS LARGER. SET ALL OUTLET BOXES IN WALLS, COLUMNS, FLOORS, OR CEILINGS SO THEY ARE FLUSH W/ FINISHED SURFACE, ACCURATELY SET, & RIGIDLY SECURED IN POSITION. PROVIDE PLASTER RINGS, EXTENSION RINGS &/OR MASONRY RINGS AS REQ'D FOR FLUSH MOUNTING. PROVIDE APPROVED CAST OUTLET BOXES, W/ HUBS & WEATHERPROOF COVERS, IN ALL AREAS SUBJECT TO DAMP, WET, OR HARSH CONDITIONS.

S-I-DD. OUTLET LOCATIONS
COORDINATE LOCATIONS OF OUTLET BOXES. OUTLETS ARE ONLY APPROX LOCATED
ON SMALL SCALE DRAWINGS. USE GREAT CARE IN ACTUAL LOCATION BY
CONSULTING VARIOUS LARGE SCALE DETAILED DRAWINGS USED BY OTHER DIVISION
TRADES, & BY SECURING DEFINITE LOCATIONS FROM ARCHITECT

CO-I-EE, GROUNDING

SUPPLEMENT GROUNDED NEUTRAL OF SECONDARY DISTRIBUTION SYSTEM W/
EQUIPMENT GROUNDING SYSTEM, INSTALLED SO THAT METALLIC STRUCTURES,
ENCLOSURES, RACEWAYS, JUNCTION BOXES, OUTLET BOXES, CABINETS, MACHINE
FRAMES, PORTABLE EQUIPMENT & OTHER CONDUCTIVE ITEMS OPERATE
CONTINUOUSLY AT GROUND POTENTIAL & PROVIDE LOW IMPEDANCE PATH FOR
GROUND FAULT CURRENTS.

2. SYSTEM SHALL COMPLY W/ NATIONAL ELECTRICAL CODE, DRAWINGS & AS
SPECIFIED.

3. PROVIDE EQUIPMENT GROUND BUS IN BASE OF LOW VOLTAGE, SWITCHGEAR BRAZED
OR OTHERWISE ADEQUATELY CONNECTED BY AN APPROVED METHOD TO GROUND
RODS.

4. PROVIDE IN CONDUIT GREEN INSULATED COPPER GROUND CONDUCTOR TO MAIN
METALLIC WATER SERVICE ENTRANCE & CONNECT BY MEANS OF ADEQUATE GROUND
CLAMPS.

5. EQUIPMENT GROUNDING CONDUCTORS FOR BRANCH CIRCUIT HOME RUNS SHOWN
ON DRAWINGS SHALL INDICATE AN INDIVIDUAL & SEPARATE GROUND CONDUCTOR
FOR THAT BRANCH CIRCUIT WHICH SHALL BE TERMINATED AT BRANCH CIRCUIT
PANELBOARD, SWITCHBOARD, OR OTHER DISTRIBUTION EQUIPMENT.

6. PROVIDE LOW VOLTAGE DISTRIBUTION SYSTEM W/ SEPARATE GREEN INSULATED
EQUIPMENT GROUNDING CONDUCTOR FOR EACH SINGLE OR THREE—PHASE FEEDER.

6. PROVIDE LOW VOLTAGE DISTRIBUTION SYSTEM W/ SEPARATE GREEN INSULATED
EQUIPMENT GROUNDING CONDUCTOR FOR EACH SINGLE OR THREE—PHASE FEEDER.

6. PROVIDE LOW VOLTAGE DISTRIBUTION SYSTEM W/ SEPARATE GREEN INSULATED
EQUIPMENT GROUNDING CONDUCTOR FOR EACH SINGLE OR THREE—PHASE FEEDER.
SINGLE PHASE 120 VOLT BRANCH CIRCUITS FOR LIGHTING & POWER SHALL
CONSIST OF PHASE & NEUTRAL CONDUCTORS & GREEN GROUND CONDUCTOR
INSTALLED IN COMMON CONDUCTORS SHALL BE AS SHOWN ON PLANS OR IF NOT
SPECIFICALLY SHOWN SHALL BE NO SMALLER THAN THAT REQUIRED BY NEC.

26—I—FF. ELECTRICAL EQUIPMENT

1. JUNCTION BOXES & OUTLET BOXES SHALL BE GALVANIZED KNOCKOUT TYPE. LIGHTING FIXTURE BOXES IN CEILINGS SHALL NOT BE LESS THAN 4* OCTAGONAL KNOCKOUT TYPE. OUTLETS SHALL BE INSTALLED IN LOCATIONS SHOWN ON DRAWINGS EXCEPT OUTLETS MAY BE MOVED 4 FEET IN EITHER DIRECTION IF SO DIRECTED, WITHOUT ADDITIONAL COST. BOXES SHALL BE FLUSH MOUNTED ON WALLS FOR CONCEALED WORK. GANGABLE BOXES SHALL BE USED IN ALL GYPBOARD SURFACES.

2. PANELBOARDS

2.1. BRANCH CIRCUIT 208/240V PANELS SHALL BE CAPACITY SHOWN W/ TIN PLATED COPPER BUSSING & BRACED FOR MINIMUM OF 10,000A AIC OR AS OTHERWISE NOTED OR REQUIRED (SERIES RATED ACCEPTABLE). BOLT ON CIRCUIT BREAKERS. 480V PANELS SAME EXCEPT 14,000A AIC MIN. MINIMUM 20" WIDE W/ GALV STEFL ENCLOSURE W/ HINGED DOOR & KEYED LOCK. COORD TRIM W/ MOUNTING LOCATION. PANELS TO BE RECESSED WHENEVER POSSIBLE. TYPEWRITTEN CARD DIRECTORY.

2.2. DISTRIBUTION PANELS SHALL BE CAPACITY SHOWN & SHALL BE SQUARE D I—LINE W/ TIN PLASTED COPPER BUSSING. 65KAIC MIN OR AS OTHERWISE NOTED/REQ'D. BOLT ON CIRCUIT BREAKERS (SERIES RATED ACCEPTABLE). GALV STEEL ENCLOSURE. CB'S LABELED W/ PLASTIC PRINTED LABELS TO LOAD SERVED.

2.3. EQUIVALENT BY SQUARE D, SIEMENS, CUTLER HAMMER, OR GE.

3.1. DISCONNECT (SAFETY) SWITCHES: SQUARE D, SIEMENS, CUTLER HAMMER, OR GENERAL ELECTRIC FUSED OR NON-FUSED (AS INDICATED ON DRAWINGS OR REQUIRED) NEMA KS1, HEAVY DUTY, EXTERNALLY OPERATED, VISIBLE-BLADE SAFETY SWITCHES; NEMA ENCLOSURE TYPE INDICATED ON DRAWINGS OR SUITABLE FOR ENVIRONMENT IN WHICH INSTALLED. BASED ON FUSIBLE SWITCH & FUSE SIZES INDICATED, INCLUDE CLASS R, J, OR L FUSE PROVISIONS AS APPLICABLE.

3.2. WHERE INDICATED, PROVIDE FUSIBLE SWITCHES PERMANENTLY LABELED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT, W/ INTEGRAL & SEPARATE NEUTRAL & GROUND ASSEMBLIES, SUITABLE FOR SIZES OF CONDUCTORS INDICATED. DO NOT DOUBLE-LUG ANY TERMINATIONS NOT SPECIFICALLY LISTED AS SUITABLE FOR MORE THAN ONE CONDUCTOR.

DISCONNECT (SAFETY) SWITCHES

3.3. PROVIDE SWITCHES WHERE NOT FURNISHED W/ STARTING EQUIPMENT, AT ALL OTHER POINTS REQUIRED BY NFPA 70, & WHERE INDICATED ON DRAWINGS.

26—1—6G. ELECTRICAL IDENTIFICATION

1. MANUFACTURED LABELS FOR EACH PANELBOARD & TRANSFORMER. TYPEWRITTEN PANEL SCHEDULES MOUNTED IN PANELS

2. PRINTED TAPE STYLE LABEL FOR EACH RECEPTACLE INDICATING PANEL & CIRCUIT #.

3. MANUFACTURED LABELS FOR ALL DISCONNECT SWITCHES INDICATING EQUIPMENT SERVED.

4. BRANCH CIRCUITS — IDENTIFY EACH CIRCUIT W/ WIRE MARKERS WHEN ENCLOSURE LABEL & WIRE COLORS DO NOT PROVIDE ENOUGH INFORMATION TO IDENTIFY EACH CIRCUIT WITHOUT TRACING. FEEDERS & BRANCH CIRCUIT HOME RUNS W/ WIRE MARKER W/ PANEL & CKT #. BOX COVERS ABOVE LAY—IN CEILINGS NEATLY MARKED W/ INDELIBLE MARKER.

5. FIRE ALARM — NAMEPLATE ON EACH FIRE ALARM TERMINAL CABINET. LABEL ALL

WIRING.

26—I—HH. WIRING DEVICES

1. CONVENIENCE OUTLETS — SPEC GRADE 20 AMP DUPLEX W/ GROUND & SS WALL PLATES. OTHER OUTLETS SHALL BE VERIFIED W/ EQUIPMENT SUPPLIERS FOR PROPER NEMA CONFIGURATIONS. PROVIDE GFIC RATED DEVICES WHERE INDICATED & AS REQ'D PER CODE. COLOR OF DEVICES AS DIRECTED BY ARCHITECT.

2. LIGHT SWITCHES — SPEC GRADE 20 AMP TOGGLE SWITCHES W/ SS WALL PLATES.

3. WALL MOTION SWITCHES — SPEC GRADE, PIR, OVERRIDE.

4. CEILING MOTION SWITCHES — SPEC GRADE, DUAL TECHNOLOGY, MODEL AS REQ'D BY ROOM CONFIGURATION, ALL NECESSARY POWER PACKS & RELAYS.

5. WALL MOTION SWITCHES (BATHROOM) — DUAL RELAY, SPEC GRADE, PIR, 2ND RELAY FOR OPERATION OF EXHAUST FAN DELAY.

6. EQUIVALENT DEVICES BY LEVITON, BRYANT, HUBBEL, WATTSTOPPER, LITHONIA, SENSOR SWITCH.

7. WEATHERPROOF COVER PLATES — PROVIDE GFCI RECEPTACLES FOR WEATHERPROOF RECEPTACLES. FOR WET LOCATIONS: IN—USE NEMA 3R, UL—LABELED PLATES MOLDED FROM CLEAR HIGH IMPACT UV STABILIZED POLYCARBONATE FOR VERIFICATION CORDS ARE PLUGGED IN & GFCI IS FUNCTIONNING.

8. FOR DAMP LOCATIONS: WEATHERPROOF COVER PLATES, UL—LISTED FOR WET LOCATIONS W/ COVER(S) CLOSED; DIE—CAST ALUMINUM OR TYPE 302 SS; SINGLE—COVER FOR HORIZONTALLY MOUNTED RECEPTACLES; SELF—CLOSING COVERS.

9. ALL OUTLETS, SHALL BE MOUNTED W/ BOTTOM AT 18" AFF & SWITCHES W/ BOTTOM AT 44" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE ON PLANS. REFER TO ARCH FOR OTHER REQUIRED ELEVATIONS & CABINETRY COORDINATION.

26—I—II. DIGITAL LIGHTING CONTROLS

1. PROVIDE DLM SYSTEMS CONSISTING OF LIGHTING CONTROL PANELS, ROOM CONTROLLERS, MOTION SENSORS, DAYLIGHT SENSORS, & OTHER OTHER CONTROLS AS NECESSARY TO ACHIEVE LIGHTING SWITCHING & DEIMMING CONTROL INDICATED ON THE DRAWINGS. PROVIDE ALL INTERCONNECTING WIRING, CONTROLS, PROGRAMMING & OWNER TRAINING FOR THE SYSTEM(S). PROVIDE SYSTEMS BY: COOPER, HUBBELL, LEVITON, PHILLIPS, SENSOR SWITCH, WAIT STOPPER.

2. CALIBRATE ALL SENSOR TIME DELAYS & SENSITIVITY FOR PROPER DETECTION OF OCCUPANTS & ENERGY SAVINGS. ADJUST TIME DELAYS. PROVIDE DOCUMENTATION OF ROOM BY ROOM SYSTEM CONFIGURATION INCLUDING: SENSOR PARAMETERS, TIME DELAYS, SENSITIVITIES, & DAYLIGHTING SETPOINTS, SEQUENCE OF OPERATION, LOAD PARAMETERS.

3. POST START-UP TUNING — 30 DAYS AFTER OCCUPANCY CONTRACTOR SHALL ADJUST SENSORS TO MEET THE OWNER'S REQUIREMENTS. PROVIDE A DETAILED REPORT TO THE ARCHITECT / OWNER OF POST START-UP ACTIVITY.

1. LOMINAIRES

1. PROVIDE LIGHTING FIXTURES W/ LAMPS & ACCESSORIES REQ'D FOR HANGING.

COORD MOUNTING OF LIGHTING FIXTURES W/ ARCHITECT & G/C. ADDITIONAL

FIXTURE SUPPORTS SHALL BE PROVIDED BY E/C. SUPPORTS SHALL COMPLY

W/ LATEST EDITION OF NEC. PROVIDE LIGHTING FIXTURE SECURING CLIPS AS

REQUIRED. CONSULT ARCH PLANS FOR CEILING TYPES & PROVIDE SURFACE

& RECESSED LIGHTING FIXTURES W/ APPROPRIATE MOUNTING COMPONENTS &

ACCESSORIES.

1.2. POLES & SUPPORT COMPONENTS: COMPLY W/ AASHTO LTS-4. PROVIDE

STEEL POLES IN COLOR AS SPECIFIED OR SELECTED BY ARCHITECT. PROVIDE

BOLT COVERS. PROVIDE CONCRETE BASE FOR POLE & GROUND ROD.

1.3. REFER TO LIGHTING FIXTURE SCHEDULE PLANS FOR FIXTURE TYPES.

1.4. EQUIVALENT LUMINAIRES BY HUBBELL, INFINITY, LITHONIA, WILLIAMS, COLUMBIA,

EXTIRONICS, LITEALARM, EXIDE.

2. LAMPS
2.1. LAMPS SHALL BE TYPE RECOMMENDED BY FIXTURE MANUF. LAMP NONE

ABOVE MANUE RECOMMENDED MAX WATTAGE.

2.2. T—8 FLUOR — 32W, 75CRI MIN, 3500 DEG K, 2900 APPROX INITIAL LUMENS

2.3. EQUIVALENT LAMPS BY G.E., VENTURE, PHILLIPS OR SYLVANIA.

2.4. LED LAMPS & MODULES: PHILIPS, GENERAL ELECTRIC, OSRAM/SYLVANIA, CREE, NICHIA.
3. BALLASTS
3.1. FLUORESCENT — ELECTRONIC, <20%THD
3.2. EQUIVALENT BY ADVANCE, G.E., MOTOROLA, OR MAGNETEK.

26—I—IL. WIRING OF MECHANICAL EQUIPMENT.

1. PROVIDE ALL RACEWAYS & POWER WIRING FOR ALL DIVISION 15 EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, INCLUDING, BUT NOT LIMITED TO, PUMPS, WATER HEATERS, & HYAC EQUIPMENT, & ALL LINEVOLTAGE CONTROL & INTERLOCK WIRING NOT PROVIDED UNDER DIVISION 15. CONNECT PER MANUFACTURERS' WIRING DIAGRAMS. COORDINATE WITH DIVISION 15 FOR DISCONNECTS FURNISHED W/EQUIPMENT, & PROVIDE ALL DISCONNECT SWITCHES AS REQUIRED. AFTER INSTALLING WIRING, VERIFY THAT EACH MOTOR LOAD HAS CORRECT PHASE ROTATION.

2. VERIFY ACTUAL "MAXIMUM OVERCURRENT PROTECTION" (MOCP) DEVICE RATINGS & "MINIMUM CIRCUIT AMPACITY" (MCA) CONDUCTOR SIZING FOI~ MECHANICAL EQUIPMENT FROM EQUIPMENT NAMEPLATE. BASE ELECTRICAL INSTALLATIONS ON ACTUAL REQUIRED AMPERAGES, WHICH MAY VARY SOMEWHAT FROM CONDUCTOR & EQUIPMENT SIZES SHOWN ON DRAWINGS, HOWEVER, IN NO CASE, REDUCE SIZE OF CONDUCTORS INDICATED ON DRAWINGS, HOWEVER, IN NO CASE, REDUCE SIZE OF CONDUCTORS INDICATED ON DRAWINGS, WITHOUT AUTHORIZATION FROM ENGINEER PROVIDE PROPERLY SIZED ELECTRICAL WIRING & EQUIPMENT WITHOUT EXTRA COST TO OWNER. NOTIFY ENGINEER OF ALL CHANGES REQUIRED IN ELECTRICAL INSTALLATION DUE TO EQUIPMENT VARIANCES SO THAT EFFECTS ON FEEDERS, BRANCH CIRCUITS, PANELBOARDS, FUSES & CIRCUIT BREAKERS CAN BE CHECKED PRIOR TO PURCHASING & INSTALLATION. BE RESPONSIBLE FOR COORDINATING W/DIVISION 15 TO VERIFY ACTUAL AMPACTITES & CORRECT SIZES OF ALL CONDUCTORS & OVERCURRENT PROTECTIVE DEVICES FOR ALL EQUIPMENT, & CORRECT OVERLOAD HEATERS FOR ALL MOTORS, WHEN STARTERS ARE PROVIDED

26-I-IL. TELEPHONE SYSTEM PROVISIONS

1. PROVIDE INCOMING TELEPHONE SERVICE RACEWAYS AS INDICATED ON DRAWINGS OR AS REQUIRED BY SERVING TELEPHONE COMPANY. PROVIDE 3/4-INCH THICK PLYWOOD BOARD, FIRE-RETARDANT- TREATED & STAMPED FRI, SECURELY ANCHORED TO WALL, AT LOCATION & OF SIZE AS INDICATED ON DRAWINGS. PROVIDE FLUSH MOUNTED TELEPHONE OUTLET BOXES W/ 3/4-INCH EMT STUB-UP CONCEALED TO ACCESSIBLE CEILING SPACE AT LOCATIONS AS INDICATED ON DRAWINGS.

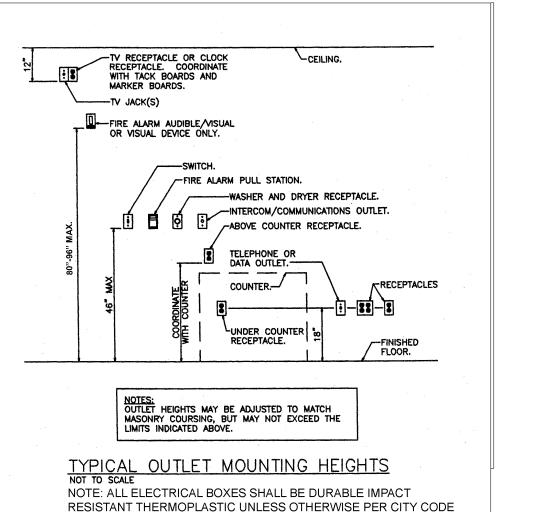
26-I-MM. DATA SYSTEM PROVISIONS

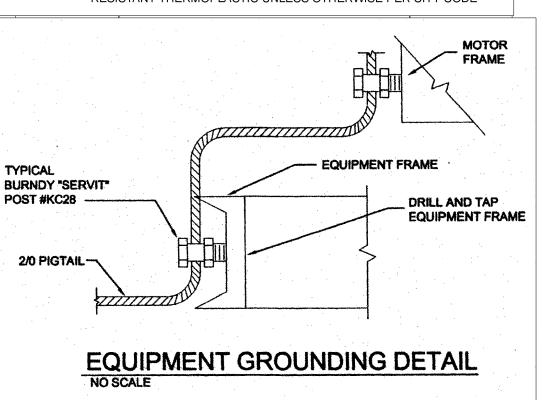
1. PROVIDE FLUSH MOUNTED DATA OUTLET BOXES W/ 3/4-INCH CONDUIT STUB-UP CONCEALED TO ACCESSIBLE CEILING SPACE AT LOCATIONS AS INDICATED ON DRAWINGS.

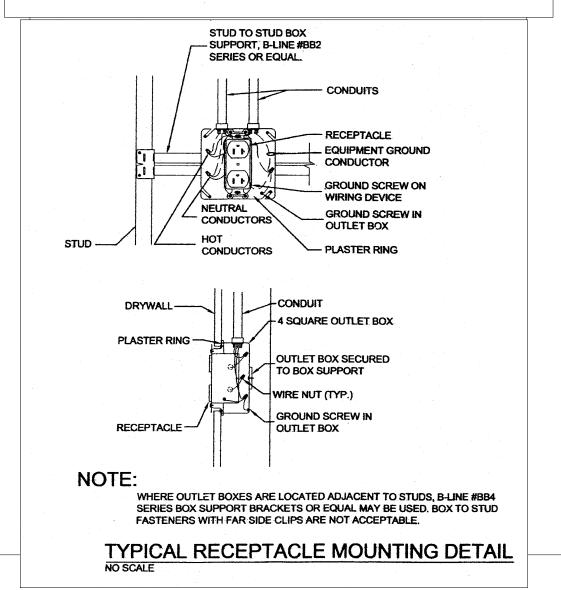
26-I-NN. MISCELLANEOUS EQUIPMENT & CONNECTIONS

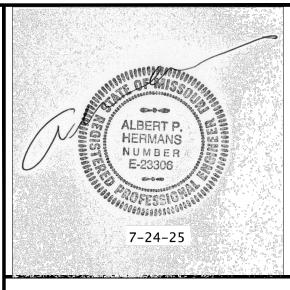
1. ALL RACEWAYS, & ALL WIRING & CONNECTIONS OF DEVICES TO ENERGY MANAGEMENT SYSTEM THAT ARE NOT RESPONSIBILITY OF DIVISION 23.

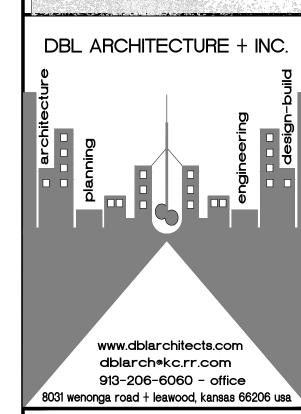
GROUNDING ELECTRODE CONDUCTOR **4 AWG OR LARGER** BARE COPPER CONDUCTOR NON-METALLIC OR STEEL REINFORCING BAR PROTECTIVE SLEEVE OR ROD NOT LESS THAN 1/2-IN. IN DIAMETER. AT LEAST 20-FT LONG CONNECTION LISTED FOR THE PURPOSE 20 FT. OR MORE FOUNDATION IN DIRECT CONTACT MIN. WITH THE EARTH











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GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG: CONTRACT INITIATION June 20, 2025

AS-BUILD MEASURING COMPLETE 6/20/25

CONDITIONAL USE SUBMIT N/A OWNER'S DESIGN REVIEW

6/23/25
FINAL SITE PLAN SUBMIT/RESUBMIT

PLANS PERMIT SUBMIT 7/24/25

PLANS PERMIT RESUBMIT ?/?/25

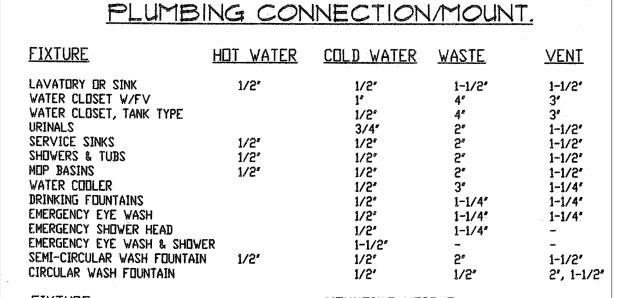
REVISIONS:

2 ?/?/25 REVISED PER OWNER 2 ?/?/25

SHEET TITLE:
ELECTRICAL
SPECIFICATIONS
+ DETAILS

SHEET NO.: E4

PROJECT NUMBER: 062025

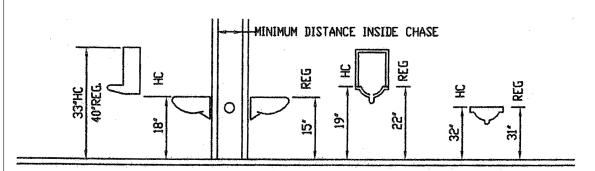


<u>FIXTURE</u> MOUNTING HEIGHT LAVATORY OR SINK 31" FLOOR TO RIM HANDICAPPED LAVATORIES 34" FLOOR TO RIM WATER CLOSET 15" FLOOR RIM HANDICAPPED WATER CLOSET 18" FLOOR TO RIM

STANDARD URINALS 22" FLOOR TO RIM HANDICAPPED URINALS 17" FLOOR TO RIM ADULT STANDARD WATER COOLER 40° FLOOR TO RIM CHILD STANDARD WATER COOLER 30" FLOOR TO RIM HANDICAPPED WATER COOLER 35' FLOOR TO RIM ADULT STANDARD DRINKING FOUNTAINS 40" FLOOR TO RIM CHILD STANDARD DRINKING FLOUNTAIN 30' FLOOR TO RIM 35' FLOOR TO RIM, 27' KNEE SPACE HANDICAPPED DRINKING FOUNTAIN ADULT MALE SHOWER 65' FLOOR TO BOTTOM OF SHOER HEAD ADULT FEMALE SHOWER 60' FLOOR TO BOTTOM OF SHOWER HEAD EMERGENCY EYE WASH 40' FLOOR TO RIM EMERGENCY SHOWER HEAD 84" FLOOR TO HEAD

EMERGENCY EYE WASH & SHOWER 40' FLOOR TO RIM 34" FLOOR TO TOP EDGE OF BASIN SEMI-CIRCULAR WASH FOUNTAIN CIRCULAR WASH FOUNTAIN 34" FLOOR TO TOP EDGE OF BASIN GRAB BARS IN SHOWERS & TUBS 54" FLOOR TO CENTER FOR UPPER BAR 33" TO 36" FLOOR TO CENTERS FOR

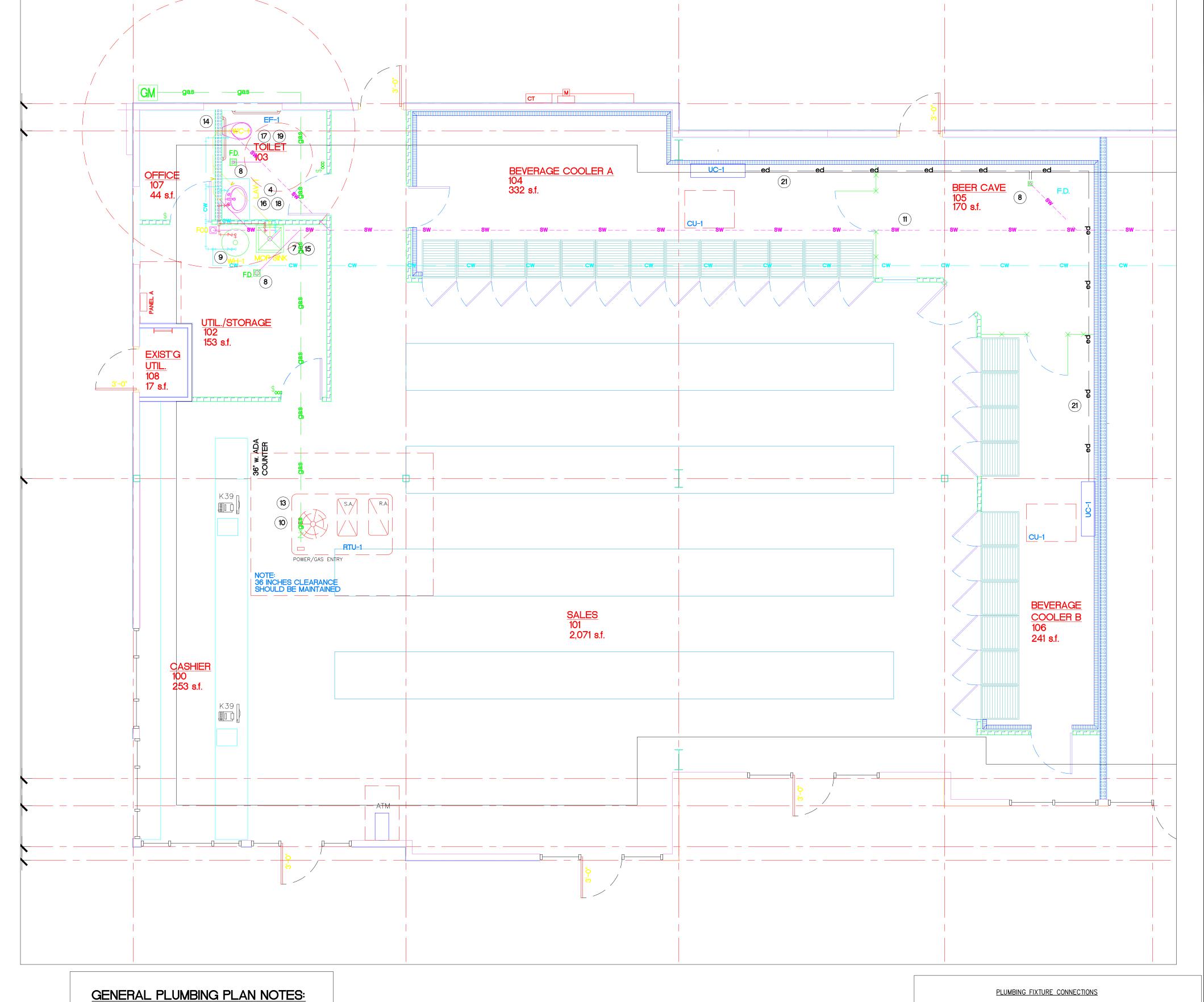
PLUMBING CONTRACTOR TO REFERENCE PLUMBING FLOOR PLANS AND DETAIL SHEET AND SPECIFICATIONS FOR SPECIFIC FIXTURE INDENTIFICATION USED.



PLUMBING PLAN NOTES: NOTE: NOT ALL NOTES MAY APPLY

(1) CONNECT 1/2" C. + H. PIPING WITH SHUT-OFFS TO HAND SINK AS

- REQ'D. RE: KITCHEN EQUIPMENT SCHEDULE (2) CONNECT 1/2" C. + H. PIPING WITH SHUT-OFFS TO TRIPLE BOWL SINK.
- RE: KITCHEN EQUIPMENT SCHEDULE CONNECT GREASE INTERCEPTOR TO 3 BOWL SINK, MOP SINK + F.D.
- AS REQ'D. RE: KITCHEN EQUIPMENT SCHEDULE
- CONNECT HAND SINK VENT TO NEW SAN. SEWER VENT LINE (MIN. 2° DIA.) AS REQ'D.
- 5 CONNECT HAND SINK DRAIN TO NEW SAN. SEWER LINE (MIN. 2' DIA.) AS REQ'D.
- 6 CONNECT 3 BOWL SINK DRAIN TO NEW SAN. SEWER LINE (MIN. 2' DIA.) AS REQ'D. (7) CONNECT MOP SINK DRAIN TO NEW SAN. SEWER LINE (MIN. 2' DIA.) AS
- 8 CONNECT FLOOR DRAIN TO NEW SAN. SEWER LINE (MIN. 2' DIA.) AS REO'D.
- 9 CONNECT PIPING TO WATER HEATER AS REQ'D. AND AS PER DETAIL.
- (10) CONNECT GAS PIPING TO EQUIPMENT AS REQ'D. AND AS PER DETAIL.
- (1) 4" WASTE. MINIMUM OF 30" COVER. CONNECT TO EXIST'G SERVICE AS AVAILABLE. RE: AC2 FOR SITE UTILITIES (VERIFY EXIST'G IN FIELD)
- 1° CW UP TO RPZ BFP AND SHUT-OFF VALVE FOR WATER SERVICE AS APPROVED BY WATER DEPT. PROVIDE DRAIN FROM RPZ TO FLOOR DRAIN WITH AIR GAP AS REQ'D.
- (13) ROUTE 3/4" DRAIN FROM RTU-1, ROOF DRAIN RE: DETAIL M2
- (14) 3" VTR VERIFY 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES.
- (15) CONNECT 1/2" C. + H. PIPING WITH SHUT-OFFS TO MOP SINK. RE: KITCHEN EQUIPMENT SCHEDULE
- CONNECT LAV SINK DRAIN TO NEW SAN. SEWER LINE (MIN. 2" DIA.) AS REQ'D.
- CONNECT WC DRAIN TO NEW SAN. SEWER LINE (MIN. 3' DIA.) AS REQ'D.
- (18) CONNECT 1/2" C. + H. PIPING WITH SHUT-OFFS TO LAV SINK AS REQ'D. RE: KITCHEN EQUIPMENT SCHEDULE
- (19) CONNECT 1/2" C. PIPING WITH SHUT-OFF TO WC AS REQ'D. RE: KITCHEN EQUIPMENT SCHEDULE
- CONNECT SALES BEVERAGE DRAIN TO NEW SAN. SEWER LINE (MIN. 2" DIA.) AS REQ'D.
- (21) CONNECT 1' CONDESATE DRAIN PIPING AS REQ'D. RE: MI
- (22) DRAIN TO NEW SAN. SEWER LINE (MIN. 2" DIA.) AS REQ'D.
- (23) CONNECT 3/8" C. + 11/2" D. PIPING TO DRINKING FOUNTAINS. RE: KITCHEN EQUIPMENT SCHEDULE
- CONNECT HAND SINK VENT TO NEW SAN. SEWER VENT LINE (MIN. 2'
- DIA.) AS REQ'D.
- CONNECT HAND SINK DRAIN TO NEW SAN. SEWER LINE (MIN. 2" DIA.) AS REQ'D.



- 1. INSTALL ALL PIPE, ETC. AS HIGH AS POSSIBLE. 2. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING
- CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES. 3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS
- AND MOUNTING HEIGHTS OF FIXTURES. 4. REFER TO ARCHITECTURAL + STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR SUPPORTING PIPING, EQUIPMENT, ETC. FROM
- STRUCTURE. PROVIDE ADDITIONAL STRUCTURE AS REQUIRED TO PROPERLY SUPPORT SYSTEMS FROM THE STRUCTURE. 5. SAWCUT EXISTING FLOOR AS REQUIRED (IF NECESSARY) FOR
- INSTALLATION OF UNDERFLOOR PIPING. PATCH FLOOR TO MATCH EXISTING. 6. PROVIDE 1' SCHEDULE 40 PVC CONDENSATE DRAIN PIPE FOR EACH FURNACE UNIT LAID TO NEAREST FLOOR DRAIN. PROVIDE
- WATER TRAP AND CLEAN OUTS AS DETAILED. SECURE PVC PIPE TO DRAIN WITH NYLON STRAPS. 7. NO PIPING SHALL BE ROUTED OVER THE TOP OF ELECTRICAL
- 8. ALL MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.



Size as shown on the drawings and diagrams, but not less than

the fol	llowing.	-	-		
	<u>FIXTURE</u>	<u>WASTE</u>	<u>VENT</u>	COLD	<u>HOT</u>
1)	Water Closet (Flush Tank)	4"	2"	1/2"	
2)	Lavatory	1-1/2"	1-1/2"	1/2"	1/2'
3)	Floor Drain	2"	1-1/2'		
4)	Sink	2"	1-1/2"	1/2"	1/2'
5)	Hose Bib			3/4"	
6)	Wash Sink	1 1/2"	1 1/2"	1/2"	1/2"
•	Service Sink		1-1/2"	•	•
8)	Beverage Dispensor	1 1/2"	1-1/2"	1/2"	1/2'

SHEET TITLE:

FIRST FLOOR PLUMBING PLAN

NUMBER

7-24-25

DBL ARCHITECTURE + INC.

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GALAXY LIQUORS

150 NE Tudor Rd.

June 20, 2025

6/20/25

6/23/25

PLANS PERMIT SUBMIT

PLANS PERMIT RESUBMIT

REVISIONS:

REVISED PER CITY

REVISED PER OWNER

7/24/25

?/?/25

/2 \ ?/?/25

CONDITIONAL USE SUBMIT

OWNER'S DESIGN REVIEW

Lee's Summit, Missouri 64086

CONTRACT INITIATION

AS-BUILD MEASURING COMPLETE

FINAL SITE PLAN SUBMIT/RESUBMIT

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SHEET NO.:

PROJECT NUMBER :

PLUMBING CONNECTION/MOUNT.

<u>FIXTURE</u>	HOT WATER	COLD WATER	<u>WASTE</u>	<u>VENT</u>
LAVATORY OR SINK WATER CLOSET W/FV WATER CLOSET, TANK TYPE URINALS SERVICE SINKS SHOWERS & TUBS MOP BASINS WATER COOLER DRINKING FOUNTAINS EMERGENCY EYE WASH EMERGENCY SHOWER HEAD EMERGENCY EYE WASH & SHOWER SEMI-CIRCULAR WASH FOUNTAIN	ATT WIE (20 VANCOPA)/Z	1/2" 1" 1/2" 3/4" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2	1-1/2" 4" 4" 2" 2" 2" 3" 1-1/4" 1-1/4" 1-1/4" - 2" 1/2"	1-1/2" 3" 3" 1-1/2" 1-1/2" 1-1/2" 1-1/4" 1-1/4" 1-1/4" - - 1-1/2" 2", 1-1/2
<u>FIXTURE</u>		MOUNTIN	G HEIGHT	100 N 10 1000000

LAVATORY OR SINK 31" FLOOR TO RIM HANDICAPPED LAVATORIES 34" FLOOR TO RIM 15" FLOOR RIM WATER CLOSET HANDICAPPED WATER CLOSET 18" FLOOR TO RIM 22" FLOOR TO RIM STANDARD URINALS HANDICAPPED URINALS 17" FLOOR TO RIM 40" FLOOR TO RIM ADULT STANDARD WATER COOLER 30" FLOOR TO RIM CHILD STANDARD WATER COOLER HANDICAPPED WATER COOLER 35" FLOOR TO RIM ADULT STANDARD DRINKING FOUNTAINS 40" FLOOR TO RIM CHILD STANDARD DRINKING FLOUNTAIN 30" FLOOR TO RIM

HANDICAPPED DRINKING FOUNTAIN

35" FLOOR TO RIM, 27" KNEE SPACE

65" FLOOR TO BOTTOM OF SHOER HEAD

60" FLOOR TO BOTTOM OF SHOWER HEAD

EMERGENCY EYE WASH

EMERGENCY SHOWER HEAD

EMERGENCY EYE WASH & SHOWER

40" FLOOR TO RIM

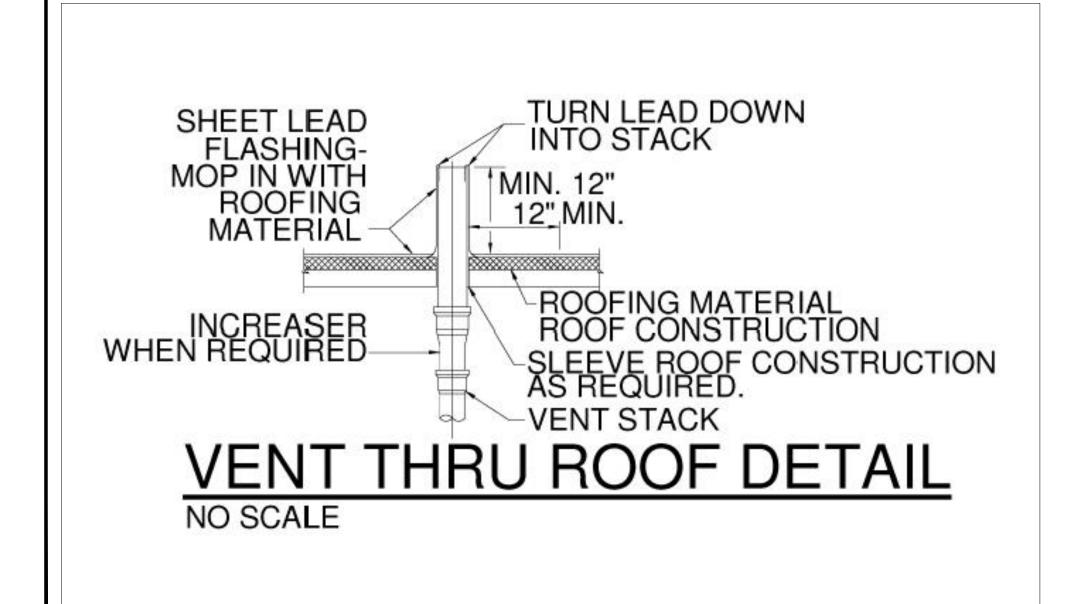
40" FLOOR TO RIM

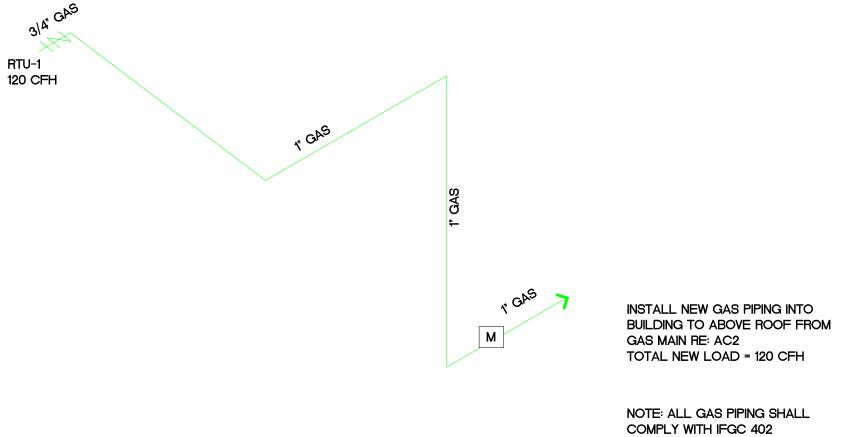
ADULT FEMALE SHOWER

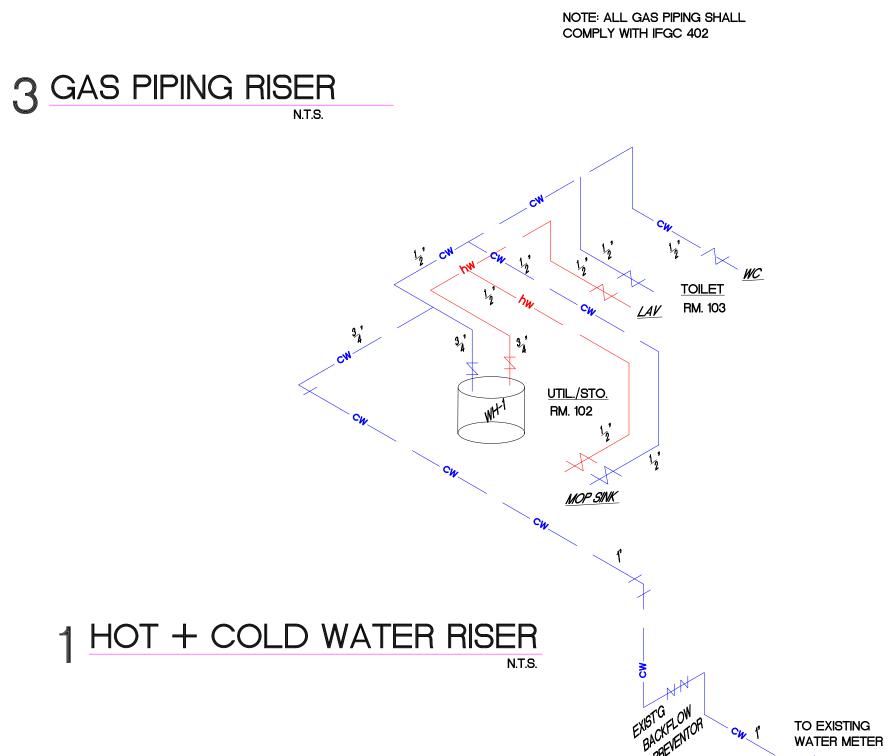
SEMI-CIRCULAR WASH FOUNTAIN
CIRCULAR WASH FOUNTAIN
34" FLOOR TO TOP EDGE OF BASIN
34" FLOOR TO TOP EDGE OF BASIN

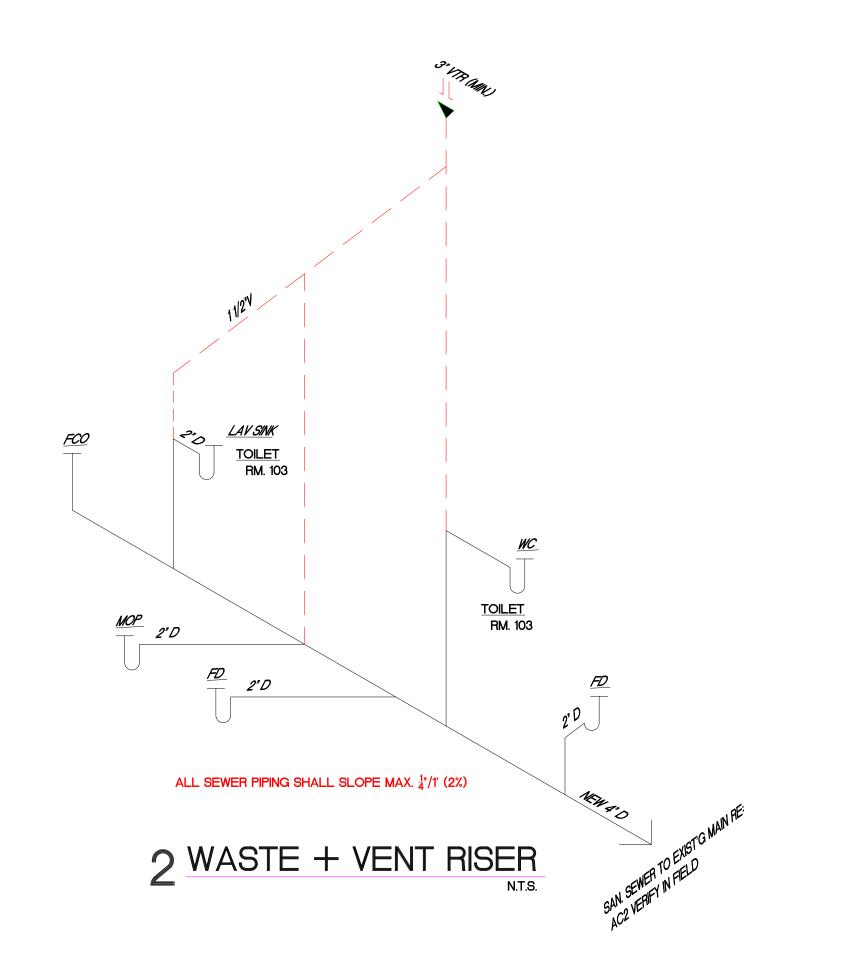
GRAB BARS IN SHOWERS & TUBS 54" FLOOR TO CENTER FOR UPPER BAR 33" TO 36" FLOOR TO CENTERS FOR LOWER BAR

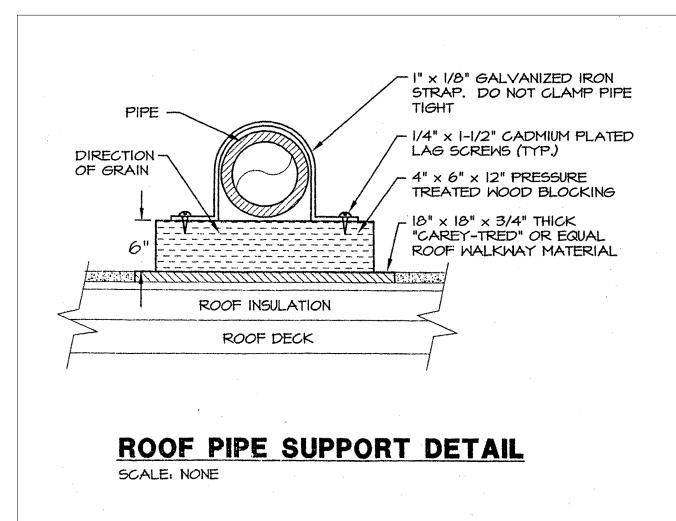
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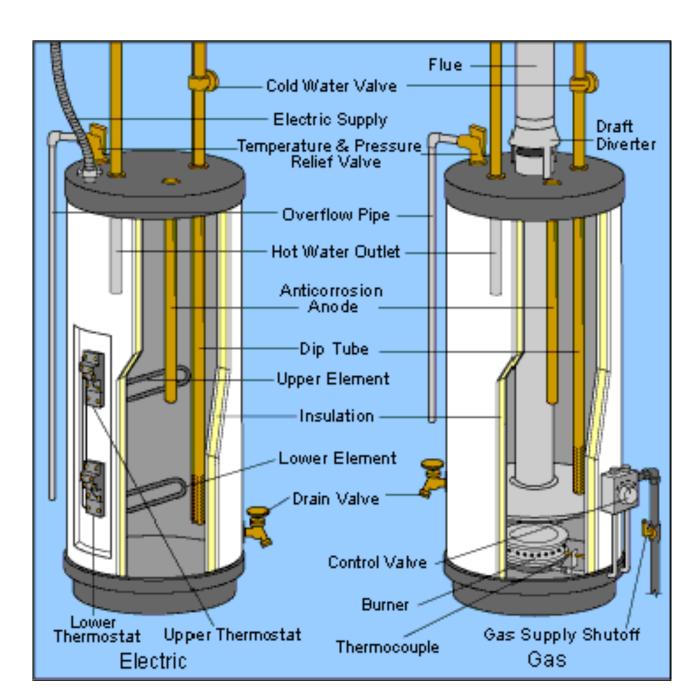




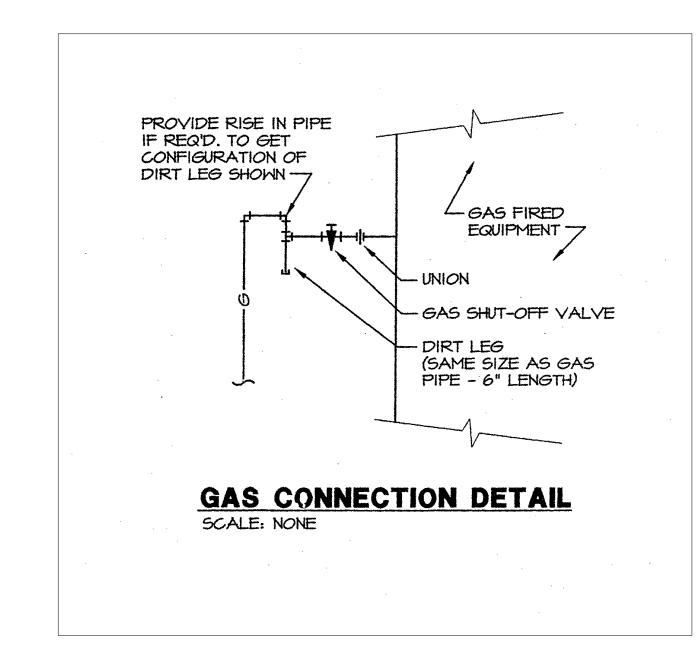


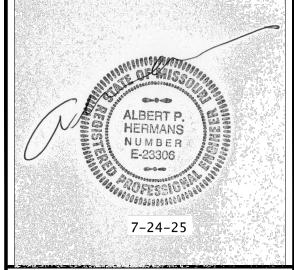


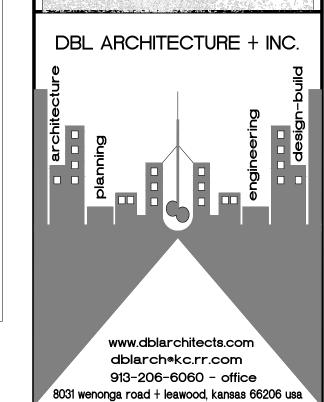




NOTE: PROVIDE EXPANSION TANKS FOR WATER HEATER AS REQ'D.







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GALAXY LIQUORS

150 NE Tudor Rd. Lee's Summit, Missouri 64086

PROJECT LOG: CONTRACT INITIATION

June 20, 2025

AS-BUILD MEASURING COMPLETE

6/20/25
CONDITIONAL USE SUBMIT

OWNER'S DESIGN REVIEW

6/23/25

FINAL SITE PLAN SUBMIT/RESUBMI N/A

PLANS PERMIT SUBMIT 7/24/25

PLANS PERMIT RESUBMIT ?/?/25

REVISIONS:

REVISED PER CITY
?/?/25
REVISED PER OWNER

2 ?/?/25

SHEET TITLE:

PLUMBING RISER DIAGRAMS + NOTES

SHEET NO:

062025

PROJECT NUMBER