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LEE'S SUMMIT LOGISTICS BUILDING B LOT 2
1220 NW MAIN ST. LEE'S SUMMIT, MO 64086

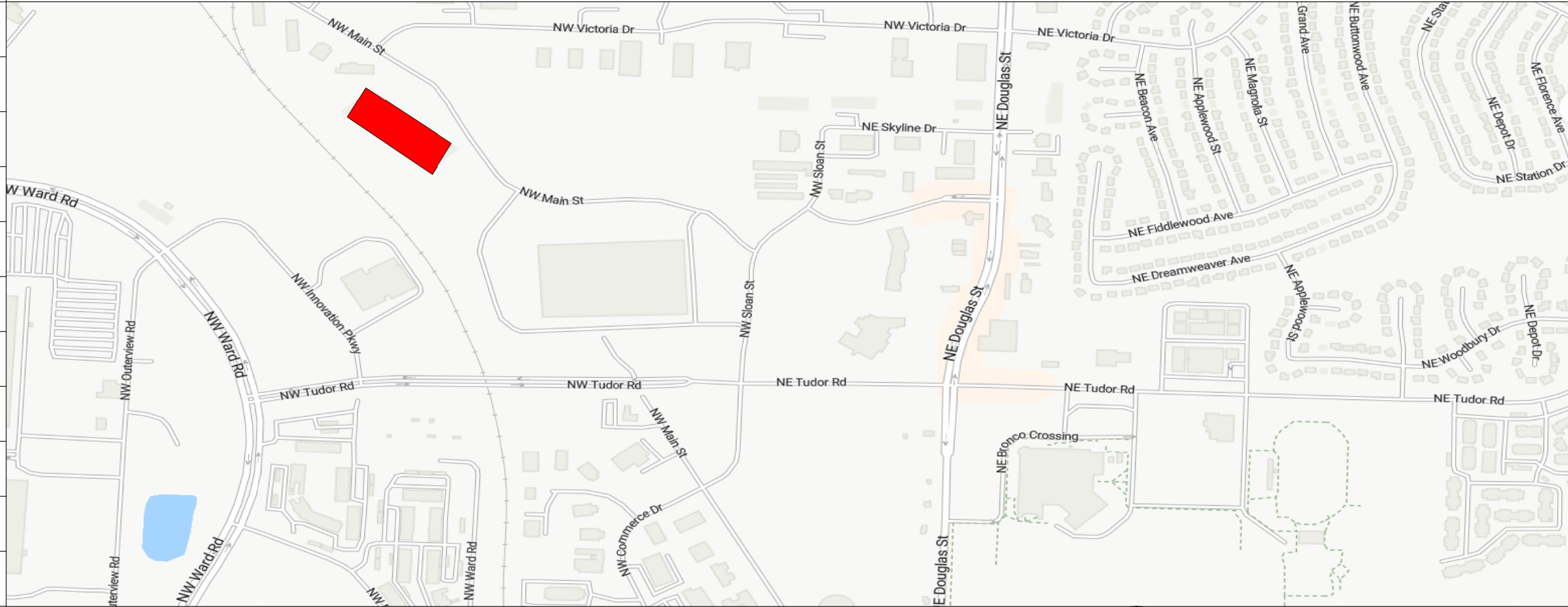
HJM
ARCHITECTS

7520 WASHINGTON ST.
KANSAS CITY, MO 64114
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1220 NW MAIN ST. LEE'S SUMMIT, MO 64086



VICINITY MAP

OWNER:
SCANNELL PROPERTIES
1600 GENESSEE, SUITE 232
KANSAS CITY, MO 64102
CONTACT: CAM DUFF
(O): 816.217.8161
email: cam.duff@scannellproperties.com

GENERAL CONTRACTOR:
FORGE CONSTRUCTION
1307 UNION AVENUE
KANSAS CITY, MO 64101
CONTACT: MICHAEL STRICK
(O): 816.608.1800
email: mstrick@forgeconstructionkc.com

ARCHITECT:
HJM ARCHITECTS, INC.
7520 WASHINGTON STREET
KANSAS CITY, MO 64114
CONTACT: RICHARD HU
(O): 816.979.1661
email: rhu@hjmarch.com

PROJECT TEAM

PROJECT DESCRIPTION
CREATING TWO 6'-00" WIDE BY 7'-00" HIGH OPENINGS WITHIN AN EXISTING NON FIRE RATED DEMISING WALL BETWEEN TWO EXISTING WAREHOUSE SPACES.

APPLICABLE CODES: CITY OF LEE'S SUMMIT, MO

2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 INTERNATIONAL PLUMBING CODE (IPC)
2018 INTERNATIONAL FIRE CODE (IFC)
2017 NATIONAL ELECTRIC CODE (NEC)
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
ACCESSIBILITY IBC CHAPTER 11 / 2009 ICC/ANSI A117.1

OCCUPANCY TYPE: (CHAPTER 3)

- S-1 MODERATE HAZARD STORAGE, PRIMARY FUNCTION: WAREHOUSE/DISTRIBUTION, AND TEMPORARY UNATTENDED PARKING

BUILDING HEIGHTS AND AREAS (CHAPTER 5)

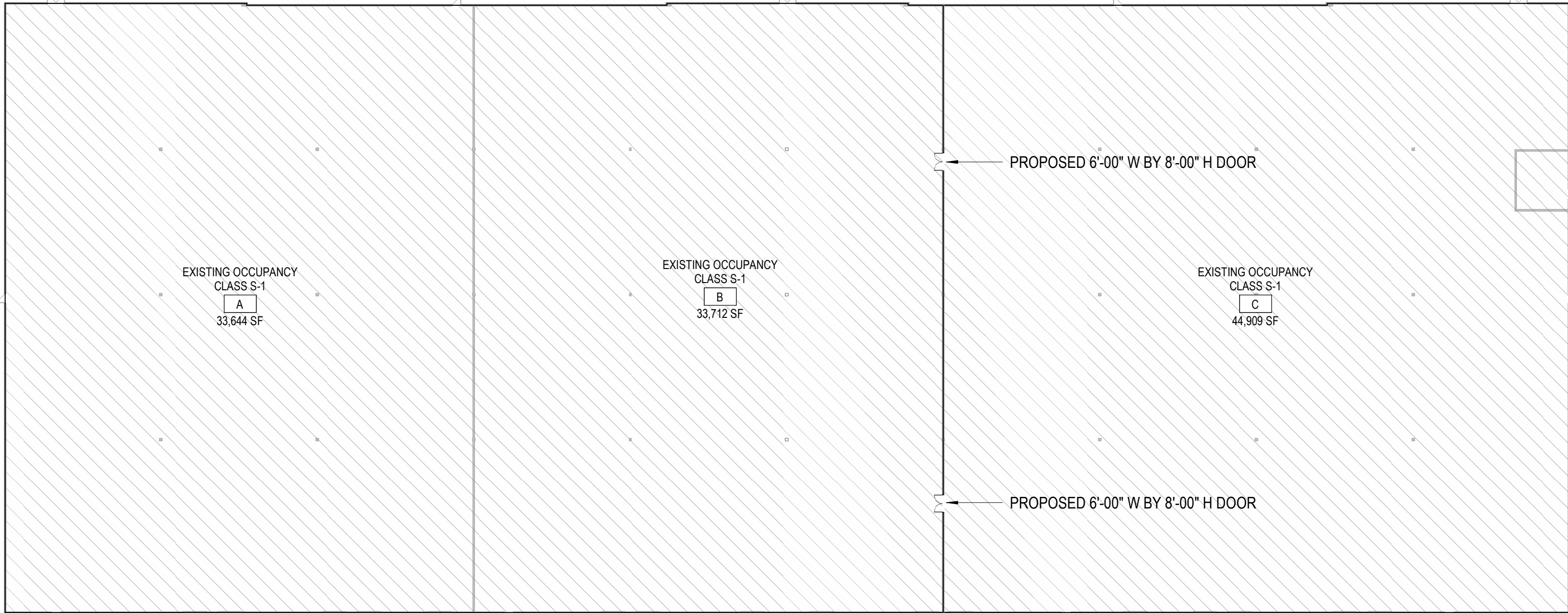
PROPOSED TENANT BUILDOUT:
112,373 GSF, 1 STORY

CONSTRUCTION TYPES: (CHAPTER 6)

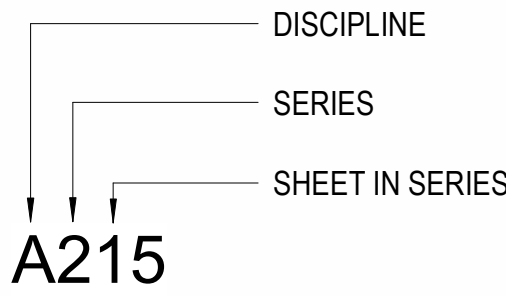
II B UN-LIMITED

PROJECT INFORMATION

SHEET INDEX			
SHEET #	SHEET NAME	REVISION #	REVISION DATE
GENERAL			
CVR	COVER SHEET		
ARCHITECTURAL			
A101	OVERALL FLOOR PLAN		
ELECTRICAL			
E1.00	WAREHOUSE LIGHTING PLAN		
E2.00	RISER DIAGRAM		



KEY PLAN 1
1/32" = 1'-0"



DISCIPLINE ABBREVIATIONS:

A	ARCHITECTURAL	G	GENERAL
C	CIVIL	K	KITCHEN
D	DEMOLITION	L	LANDSCAPE
E	ELECTRICAL	M	MECHANICAL
EL	ELECTRICAL - LIGHTING	P	PLUMBING
EP	ELECTRICAL - POWER	S	STRUCTURAL
F	FURNITURE & EQUIPMENT	T	TECHNOLOGY

SHEET NUMBER KEY

16	12	8	4
15	11	7	3
14	10	6	2
13	9	5	1

DRAWING NUMBER KEY

REVISION	DATE	DESCRIPTION

FOR PERMIT

ISSUE DATE:
03/27/2025

PROJ. # SCALE:
2509.1 As indicated

DRAWING TITLE

COVER SHEET

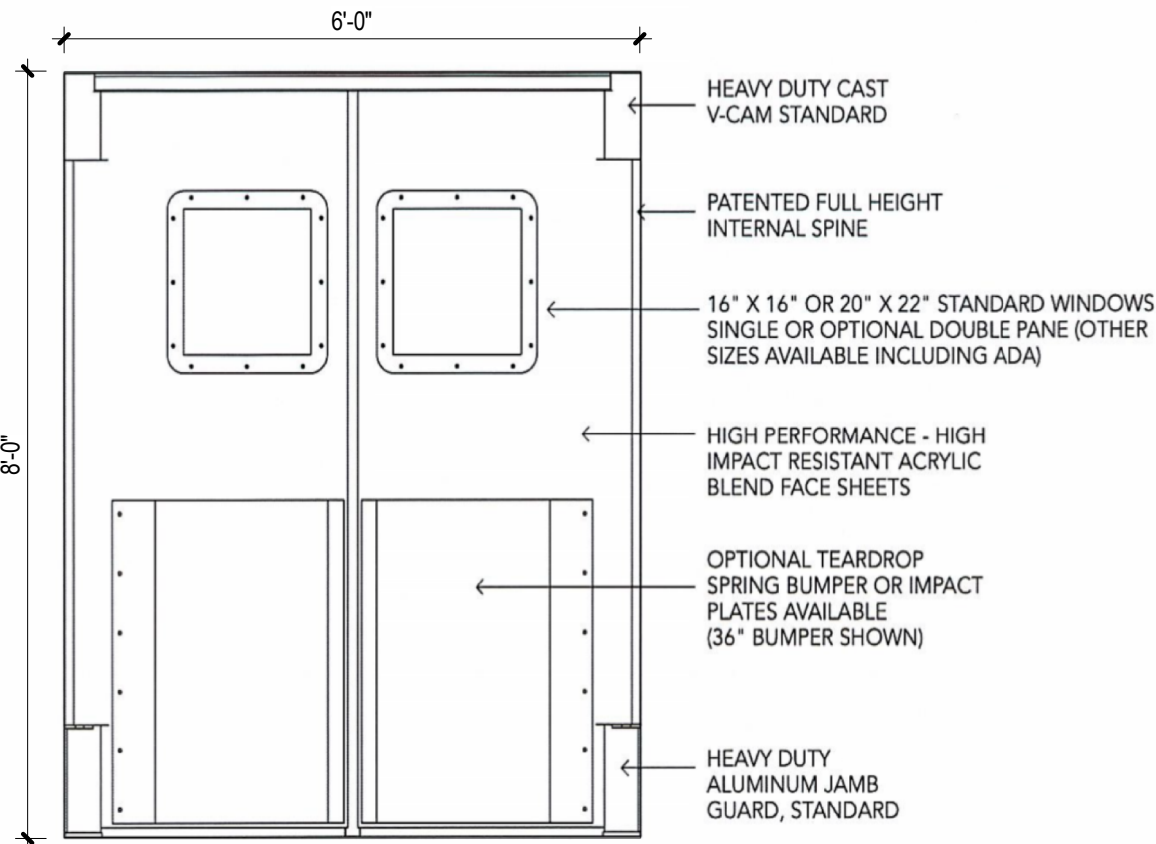
DRAWING NUMBER

CVR

4/1/2025 8:29:06 AM

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4/1/2025 8:29:01 AM



IMPACT TRIFFICE DOORS

1/2" = 1'-0"

2

	EXISTING FIRE EXTINGUISHER CABINET
	EXISTING COLUMN MOUNTED FIRE EXTINGUISHER
	PRIMARY BUILDING EXIT
ROOM NAME [ROOM #] ### SF	ROOM TAG
	EXISTING WALL TO REMAIN

FLOOR PLAN LEGEND

1. REFER TO SHEET CVR FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD AND COLUMN GRID LINES, UNLESS NOTED OTHERWISE (U.N.O.)
4. NOTE: WALL THICKNESSES ARE NOMINAL DIMENSIONS, NOT ACTUAL DIMENSIONS. ALL STUD WALL THICKNESSES ARE 5 INCHES, UNLESS DIMENSIONED OTHERWISE.
5. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO FINISH JAMB, ALWAYS ALLOWING MINIMUM OF 18" FROM THE PULL SIDE OF THE DOOR TO THE INTERSECTING WALL.

GENERAL NOTES- FLOOR PLAN

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CREATING TWO 6'-00" WIDE BY 7'-00" HIGH OPENINGS WITHIN AN EXISTING NON FIRE RATED DEMISING WALL BETWEEN TWO EXISTING WAREHOUSE SPACES.

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BUILDING HEIGHTS AND AREAS (CHAPTER 5)

PROPOSED TENANT BUILDOUT:

112,373 GSF, 1 STORY

CONSTRUCTION TYPES: (CHAPTER 6)

II B UNLIMITED

STRUCTURE FIRE RATINGS: (TABLE 601)

STRUCTURE FRAME INCLUDING COLUMNS, GIRDERS, & TRUSSES	0 HR
BEARING EXTERIOR WALLS	0 HR
BEARING INTERIOR WALLS	0 HR
NONBEARING EXTERIOR WALLS & PARTITIONS	0 HR
NONBEARING INTERIOR WALLS & PARTITIONS	0 HR
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOISTS	0 HR
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOISTS	0 HR

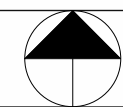
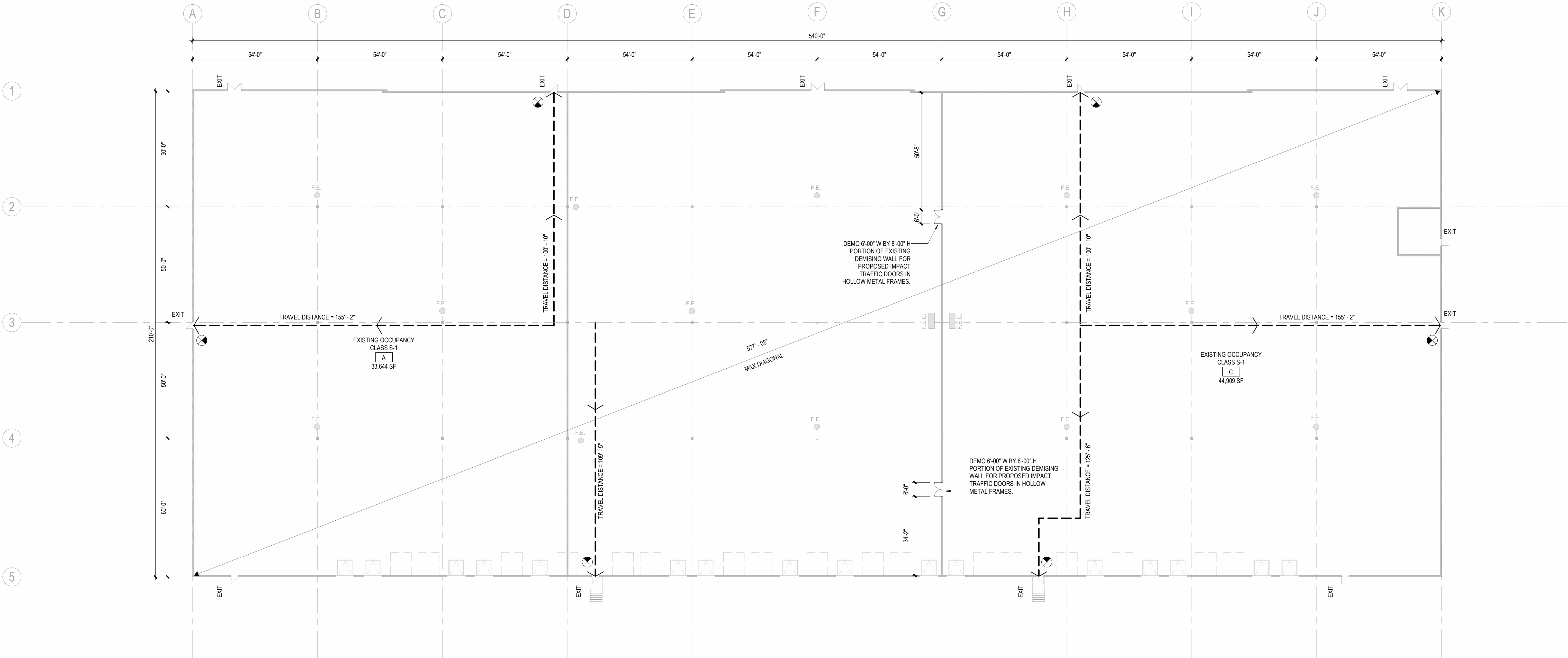
MEANS OF EGRESS: (CHAPTER 10)

1004.5 DESIGN OCCUPANT LOAD:	
TOTAL	112,373 GSF / 500 SF. = 258 OCC.

MAXIMUM TRAVEL DISTANCE: (SECTION 1017.2.2)

LENGTH OF EXIT ACCESS TRAVEL IS PROVIDED AT 400'-0" MAXIMUM PER IBC 1017.2.2 GROUPS F-1 AND S-1 INCREASE. THE FOLLOWING CONDITIONS HAVE BEEN MET:

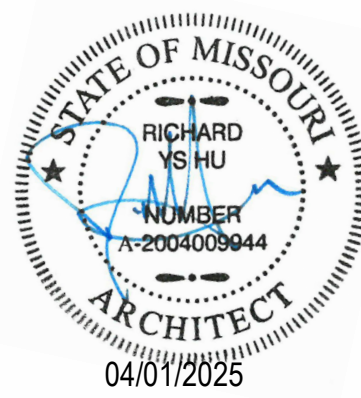
1. THE PORTION OF THE BUILDING CLASSIFIED AS GROUP S-1 LIMITED TO 1 STORY IN HEIGHT
2. THE MINIMUM HEIGHT FROM THE FINISHED FLOOR TO THE BOTTOM OF CEILING OR ROOF SLAB OF DECK IS 24 FEET
3. THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.



FLOOR PLAN

3/64" = 1'-0"

1



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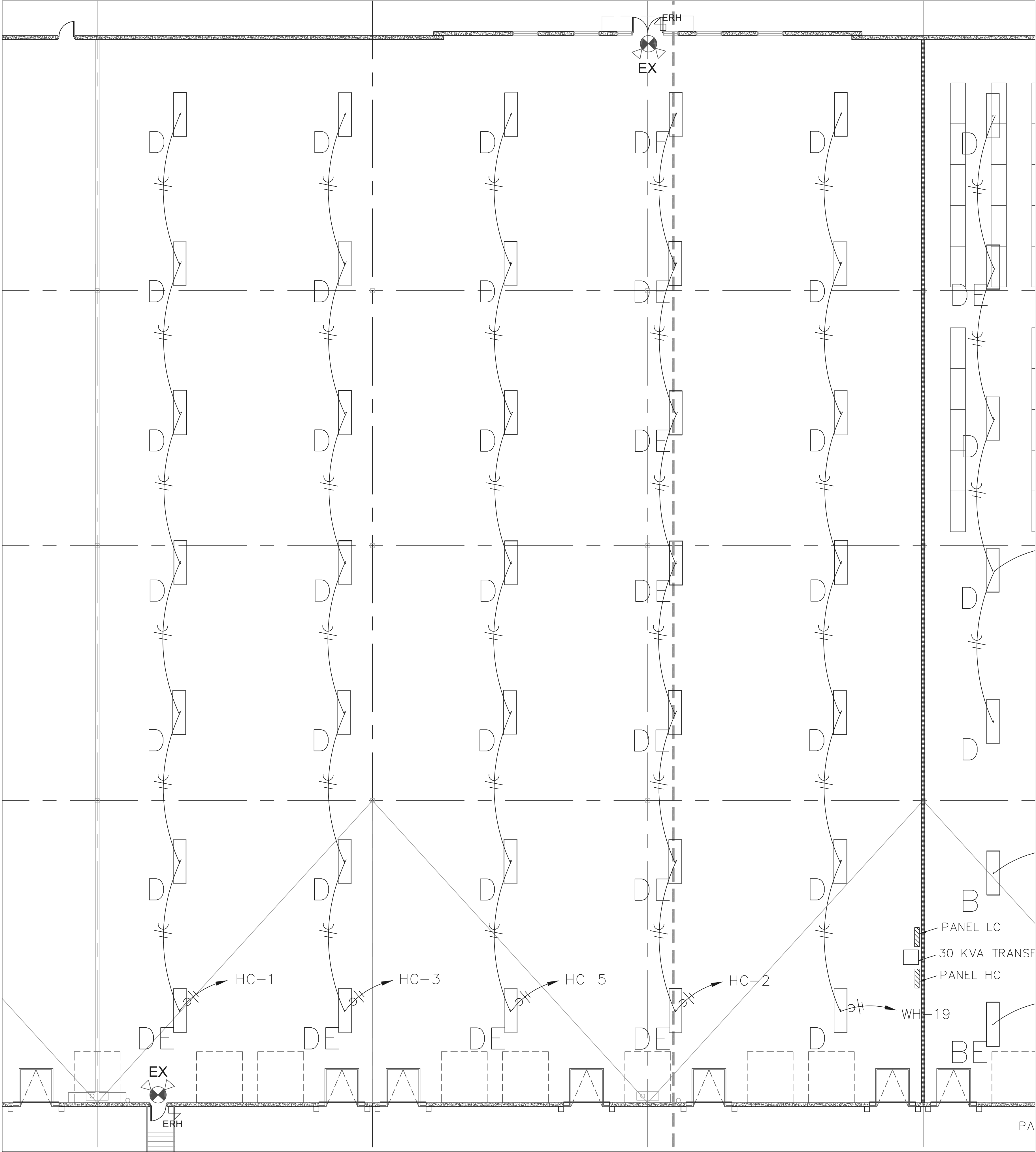
PROJ. # SCALE:
2509.1 As indicated

DRAWING TITLE

OVERALL FLOOR
PLAN

DRAWING NUMBER

A101



1 WAREHOUSE LIGHTING PLAN
3/32" = 1'

Gladfelter Engineering Group
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Phone 816-916-4675
Email ggg@geconsof.com

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PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS BUILDING B

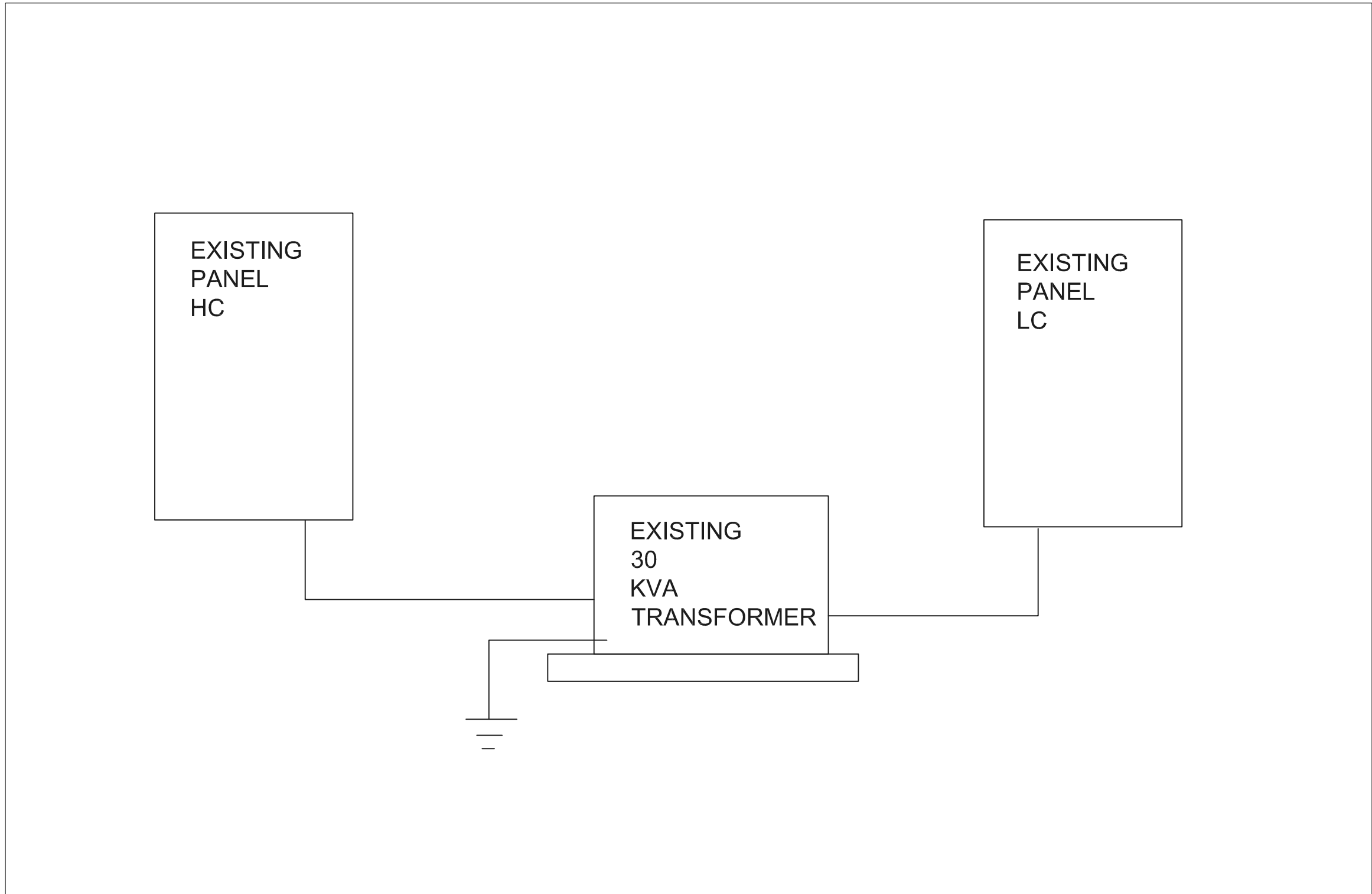
Midwest Distributors
1220 NW Main Street
LEE'S SUMMIT, MO 64086

ISSUE DATES

PERMIT SET	08.29.23

220018
WAREHOUSE LIGHTING PLAN

EI.00



1 RISER DIAGRAM

N.T.S

BRANCH CIRCUIT COPPER CONDUCTOR AND CONDUIT SIZING CHART*

OVERCURRENT PROTECTION DEVICE RATING (AMPS)	REQUIRED CONDUCTOR SIZE	EQUIPMENT GROUNDING CONDUCTOR SIZE	SINGE PHASE 2 WIRE + GND CONDUIT SIZE	SINGLE PHASE 3 WIRE + GND, CONDUIT SIZE	THREE PHASE 3 WIRE + GND CONDUIT SIZE	THREE PHASE 4 WIRE + GND CONDUIT SIZE
15	12 AWG	12 AWG	3/4"	3/4"	3/4"	3/4"
20	12 AWG	12 AWG	3/4"	3/4"	3/4"	3/4"
25	10 AWG	10 AWG	3/4"	3/4"	3/4"	3/4"
30	10 AWG	10 AWG	3/4"	3/4"	3/4"	3/4"
35	8 AWG	10 AWG	3/4"	3/4"	3/4"	3/4"
40	8 AWG	10 AWG	3/4"	3/4"	3/4"	3/4"
45	8 AWG	10 AWG	3/4"	3/4"	3/4"	1"
50	8 AWG	10 AWG	3/4"	3/4"	3/4"	1"
60	6 AWG	10 AWG	1"	1"	1"	1-1/4"
70	4 AWG	8 AWG	1"	1"	1"	1-1/4"
80	4 AWG	8 AWG	1"	1-1/4"	1-1/4"	1-1/4"
90	3 AWG	8 AWG	1"	1-1/4"	1-1/4"	1-1/4"
100	3 AWG	8 AWG	1-1/4"	1-1/2"	1-1/2"	1-1/2"

- NOTES:
- UNLESS OTHERWISE NOTED ON THE DRAWINGS
 - UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL BRANCH CIRCUITS AND FEEDERS TO BE PROVIDED WITH A NEUTRAL WIRE.
 - ALL SIZING BASED ON 3 CURRENT CARRYING CONDUCTORS IN A RACEWAY OR CABLE CONDUCTORS SHALL BE DERATED IN ACCORDANCE WITH THE NEC IF 4 OR MORE CONDUCTORS ARE PLACED IN A RACEWAY OR CABLE

Scope:
Provide electrical for new TI in existing warehouse
All Electrical work shall be as per NEC 2017.
All work shall be done by qualified electricians.
All branch wiring shall be copper.
Devices shall be 20a commercial grade and color shall be by architect.

SPECIFICATIONS

- CONDUIT ABOVE GRADE SHALL BE EMT UNLESS OTHERWISE NOTED
- CONDUIT BELOW GRADE SHALL BE RIGID PVC UNLESS OTHERWISE NOTED
- CONNECTIONS SHALL BE MADE USING SET SCREW CONNECTORS
- MC CABLE IS ACETABLE FOR FINAL CONNECTIONS TO LIGHT FIXTURES PROVIDE WITH 10' WHIP ON ALL HIGHBAYS
- BRANCH WIRING SHALL BE #12 THHN COPPER UNLESS OTHERWISE NOTED
- WIRING SHALL BE AS PER CURRENT NEC 2017
- WIRING DEVICES SHALL BE OF COMMERCIAL GRADE RATED AT 20 AMP
- INSTALLATION SHALL ADHERE TO ADA STANDARDS
- ALUMINUM XHHW-#2 CABLE MAY BE USED FOR FEEDERS LARGER THEN #2 OTHERWISE COPPER
- REFER TO KCP&L STANDARDS MANUAL FOR 480 SERVICES
- ALL LIGHTING/EQUIPMENT IN WAREHOUSE SHALL BE MOUNTED TO PROVIDE A MIN OF 36" CLEAR HEIGHT

LIGHT FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NO.	LAMPS	MOUNTING	VOLTS	REMARKS
D	HE WILLIAMS	GH-2-L300-840-FA-DIM-UN V	LED	CEILING	277	PROVIDE WITH INTEGRAL MOTION SENSOR
DE	HE WILLIAMS	GH-2-L300-840-FA-DIM-UN V	LED	CEILING	277	SAME AS TYPE D ONLY WITH EM BALLAST
EX	COMPASS	CCR	LED	WALL	UNV	EXISTING
ERH	COMPASS	CUWZ-PC	LED	WALL	UNV	EXISTING

PANEL: HC				100A		MLO		277/		480 V, 3PH, 4W+GRND		NEW PANEL															
CCT	SERVICES	VA	OCB	WIRE	PHASE	WIRE	PHASE	OCB	VA	SERVICES	OCCT																
1	WAREHOUSE LIGHTS	1500	201	2#12,14120	A	2#12,14120		201	1500	WAREHOUSE LIGHTS	2																
3	WAREHOUSE LIGHTS	1500	201	2#12,14120	B	3#8-14120		503	6025	MAU1	4																
5	WAREHOUSE LIGHTS	1500	201	2#12,14120	C				6025		6																
7	OVERTHEAD DOOR	200	203	4#10-14120	A				6025		8																
9		200			B	2#12,14120		201	1500	WAREHOUSE LIGHTS	10																
11		200			C						12																
13					A						14																
15					B						16																
17					C						18																
19					A						20																
21					B						22																
23					C						24																
25					A						26																
27					B						28																
29					C						30																
31					A						32																
33					B						34																
35					C	3#8,18120		503	1000	TRANSFORMER	36																
37					A			-	800	TRANSFORMER	38																
39					B			-	800	TRANSFORMER	40																
41					C			-	800	TRANSFORMER	42																
NOTES:				LOAD SUMMARY				CONN				NEC				DEM				LOAD BALANCE PER PHASE							
1 NEMA 1 ENCLOSURE				3 RECEPTACLES				7860				1.25				9893				PHASE A				11117			
2 PROVIDE BOLT ON BREAKERS				3 KIT CHEN				0				0.65				0				PHASE B				10971			
3				4#4W				20775				1				20775				PHASE C				9721			
				ENCL ON CAT				600				1				600				100% 100% 100%				10883.1			
				LARGEST MOTOR				0				0.25				0				REBALANCE LOADS							
				TOTAL VA				31705								33705											
				TOTAL AMPS				16.2								16.2											