

MIDWEST DISTRIBUTION T.I.  
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  
[WWW.HJMARCH.COM](http://WWW.HJMARCH.COM)

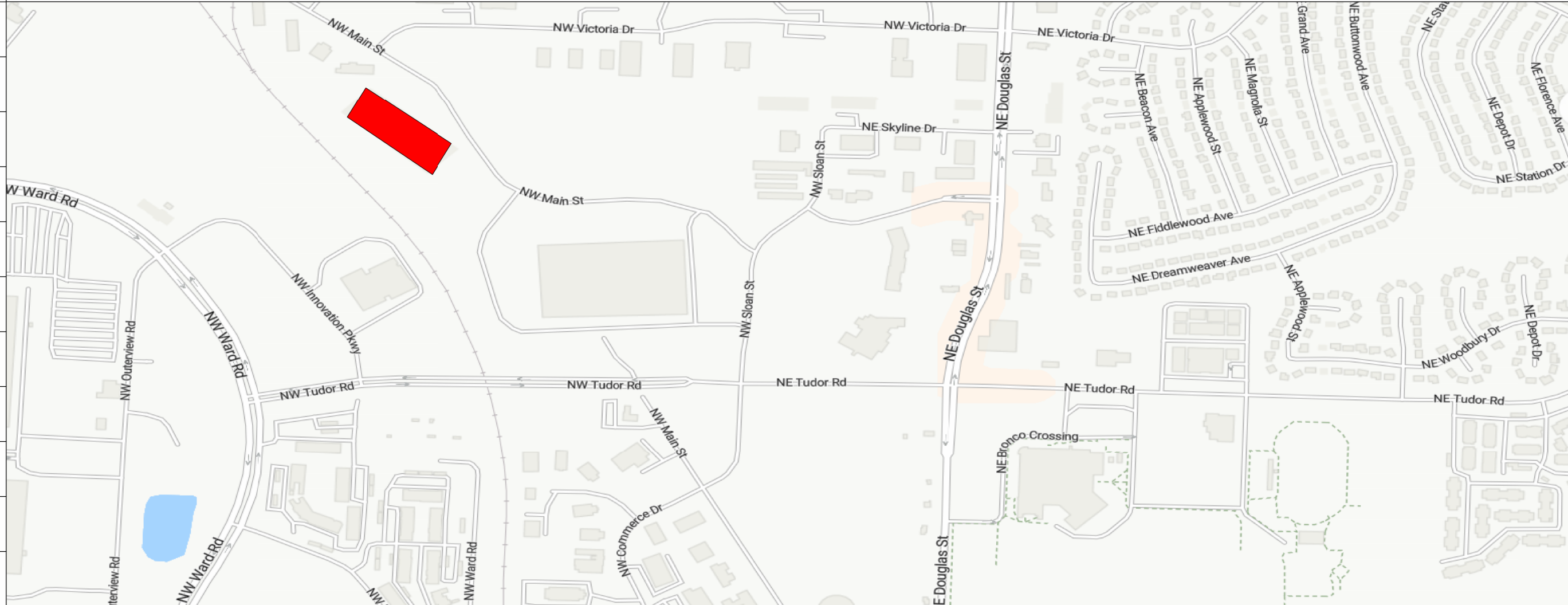
STATE OF MISSOURI  
RICHARD  
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NUMBER  
A-2004003944  
ARCHITECT  
04/14/2025

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**MIDWEST DISTRIBUTION T.I.**

**SCANNELL PROPERTIES**

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

[illegible]

VICINITY MAP

**OWNER:**  
SCANNELL PROPERTIES  
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KANSAS CITY, MO 64102  
CONTACT: CAM DUFF  
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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

**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

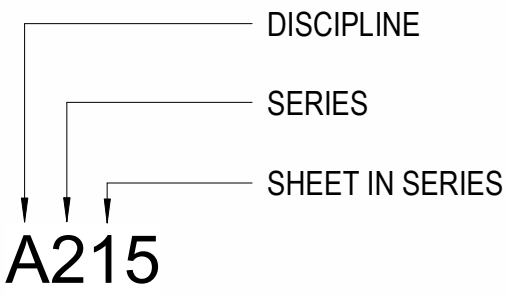
## CONSTRUCTION TYPES: (CHAPTER 6)

II B UN-LIMITED

SHEET INDEX			
SHEET #	SHEET NAME	REVISION #	REVISION DATE
GENERAL			
CVR	COVER SHEET		
ARCHITECTURAL			
A101	OVERALL FLOOR PLAN	1	04/14/2025
ELECTRICAL			
E1.00	WAREHOUSE LIGHTING PLAN		
E2.00	RISER DIAGRAM		

## PROJECT TEAM

## PROJECT INFORMATION



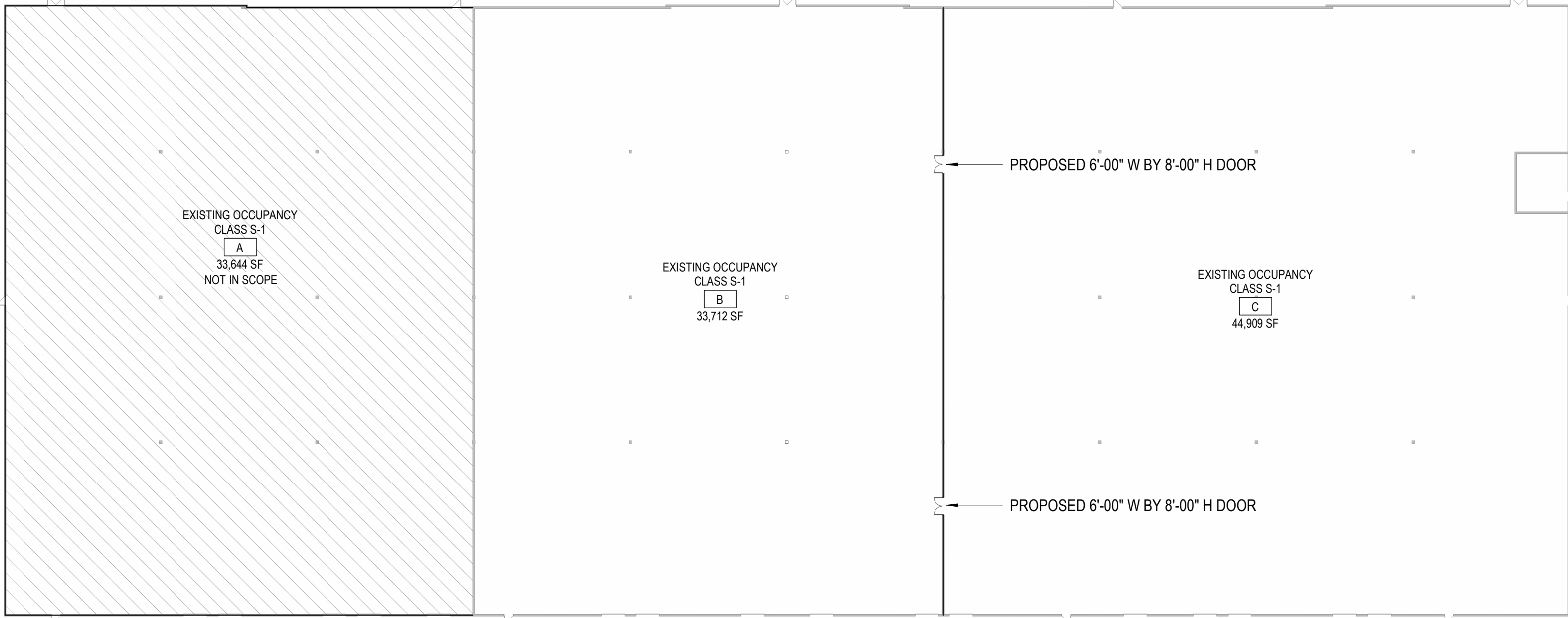
DISCIPLINE ABBREVIATIONS:

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



## DRAWING NUMBER KEY







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

1





	EXISTING FIRE EXTINGUISHER CABINET
	EXISTING COLUMN MOUNTED FIRE EXTINGUISHER
	PRIMARY BUILDING EXIT
<b>ROOM NAME</b> <div>ROOM #</div> <div>### SF</div>	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 FULL SIDE OF THE DOOR TO THE INTERSECTING WALL.

GENERAL NOTES- FLOOR PLAN

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

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

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

OVERALL BUILDING AREA = 112,373 GSF, 1 STORY  
AREA IN SCOPE = 78,621 SF

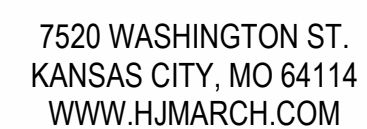
**507.4 SPRINKLERED, ONE-STORY BUILDINGS.**  
THE AREA OF A GROUP A-4 BUILDING NOT MORE THAN ONE STORY ABOVE GRADE PLANE OF OTHER THAN TYPE V CONSTRUCTION, OR THE AREA OF A GROUP B, F, M OR S BUILDING NO MORE THAN ONE STORY ABOVE GRADE PLANE OF ANY CONSTRUCTION TYPE, SHALL NOT BE LIMITED WHERE THE BUILDING IS PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM THROUGHOUT IN ACCORDANCE WITH SECTION 903.3.1.1 AND IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60 FEET (18 288 MM) IN WIDTH.

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

1004.5 DESIGN OCCUPANT LOAD:  
TOTAL 112,373 GSF / 500 SF

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.



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## MIDWEST DISTRIBUTION T.I.:

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

[illegible]

REVISION 1

ISSUE DATE.  
03/27/2025

PROJ. #	SCALE:
2509.1	As indicated

DRAWING TITLE

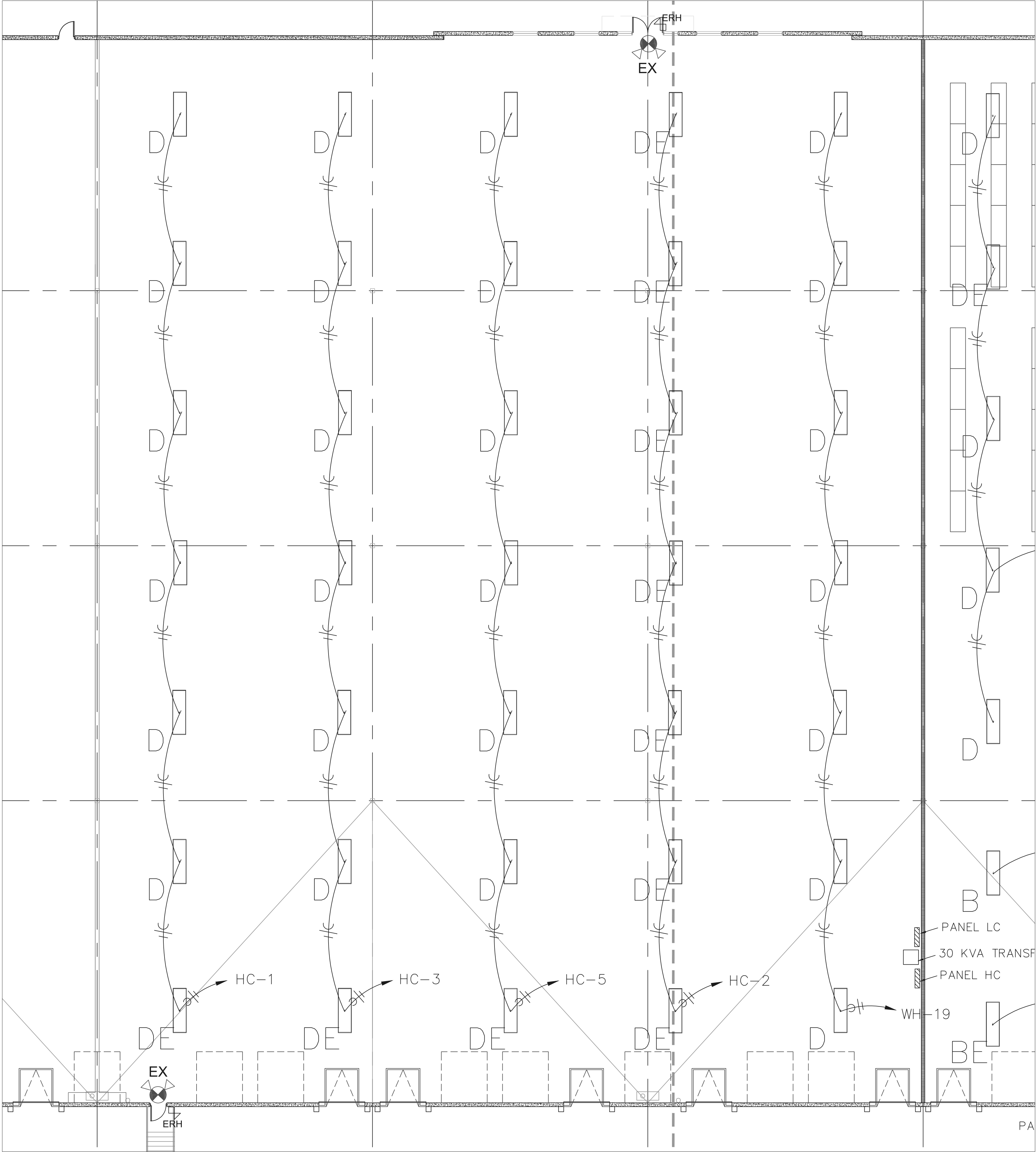
OVERALL FLOOR  
PLAN

DRAWING NUMBER

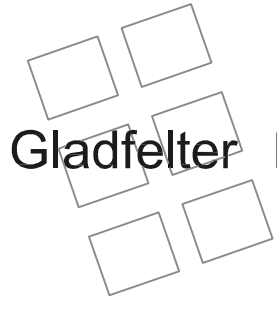
# A101

FLOOR PLAN





 1 WAREHOUSE LIGHTING PLAN  
3/32" = 1'

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

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03/12/2025



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PROJECT INFORMATION

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

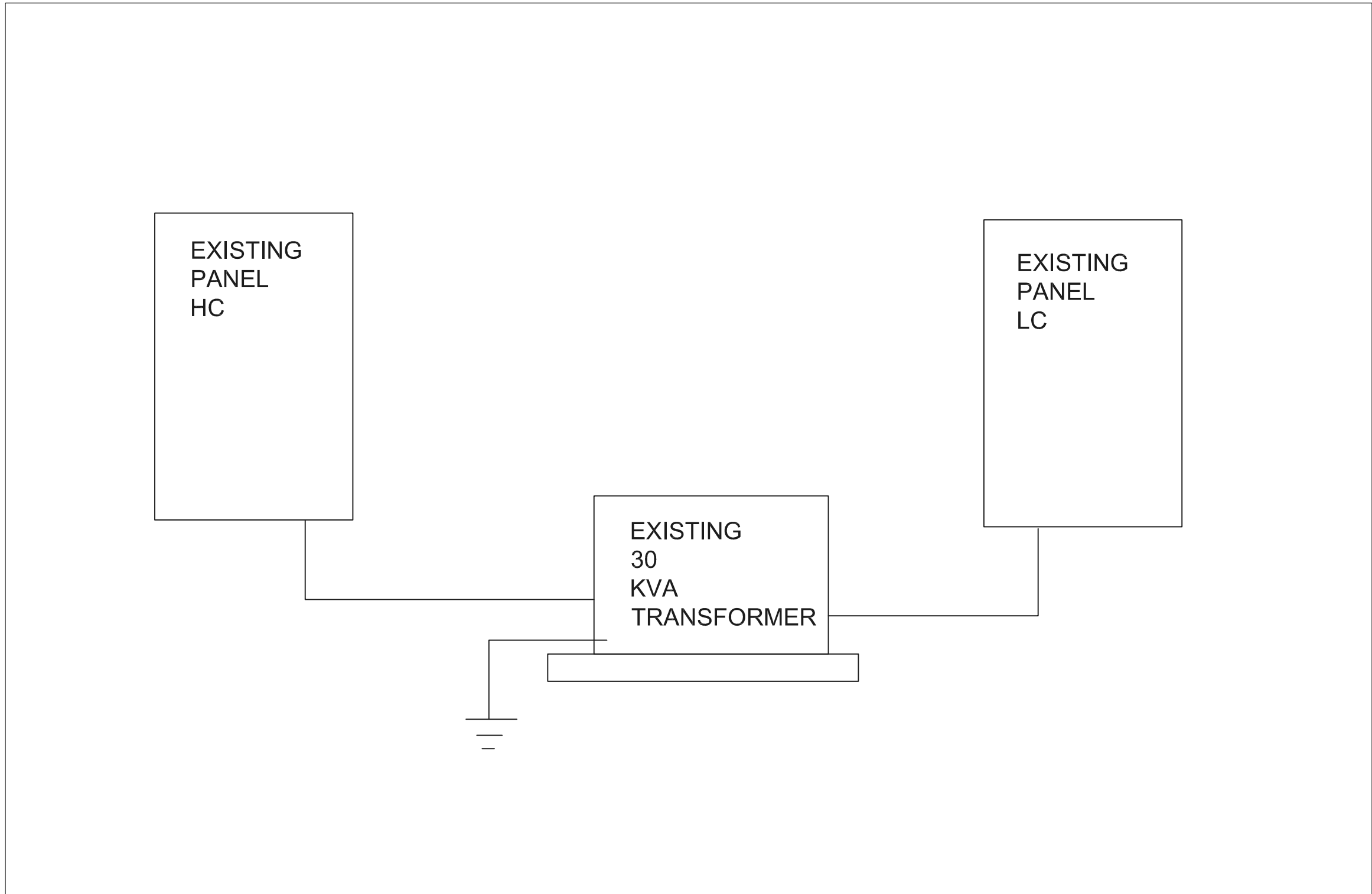
ISSUE DATES

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#12,1#12G	A	2#12,1#12G		201	1500	WAREHOUSE LIGHTS	2				
3	WAREHOUSE LIGHTS	1500	201	2#12,1#12G	B	3#6-1#10G		503	6025	MAU1	4				
5	WAREHOUSE LIGHTS	1500	201	2#12,1#12G	C				6025		6				
7	OVERTHEAD DOOR	200	203	4#10-1#12G	A				6025		8				
9		200			B	2#12,1#12G		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#6,1#10G		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	1-LIGHTING				7860	1.25	9893	PHASE A	
2 PROVIDE BOLT ON BREAKERS	3-RECEPTACLES				2400	NEC	2400	PHASE B	
3	4-KITCHEN				0	0.65	0	PHASE C	
	4-WAC				20775	1	20775	OVERST PHASE PLUS 10%	
	ENCL-CONT				600	1	600	10% 1000A	
	LARGEST MOTOR				0	0.25	0	REBALANCE LOADS	
	TOTAL VA				31765		33765		
	TOTAL AMPS				16.2		16.9		