

ISSUE FOR CONSTRUCTION

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GENERAL NOTES:

- DESIGN IS BASED ON THE APPLICABLE CODES AND STANDARDS REFERENCED IN THE DESIGN STANDARDS. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH PROJECT DRAWINGS AND SPECIFICATIONS.

FOUNDATIONS AND SLAB-ON-GROUND:

- FOUNDATIONS ARE DESIGNED FOR MAXIMUM ALLOWABLE SOIL BEARING CAPACITY OF 2,500 PSF BASED ON INFORMATION AND RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT PREPARED BY TSGEO, DATED DECEMBER 4TH, 2024.

CONCRETE:

- ALL CONCRETE WORK SHALL COMPLY WITH THE LATEST ADOPTED PROVISIONS OF ACI 318, AND ACI 301 AND THE APPLICABLE CODES AND STANDARDS REFERENCED IN THE DESIGN STANDARDS.

ABBREVIATIONS

Table listing abbreviations for various construction materials and components, such as AFF ABOVE FINISHED FLOOR, ACI AMERICAN CONCRETE INSTITUTE, etc.

SYMBOLS AND LEGEND

Table listing symbols and their descriptions, including SECTION LETTER, WHERE DRAWN, DETAIL NUMBER, etc.

DESIGN STANDARDS:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BUILDING CODE AND PUBLICATIONS LISTED BELOW. IN THE CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

INTERIOR SLAB-ON-GROUND DESIGN:

- ALL INTERIOR SLABS ON GRADE AND BLAST DEFLECTOR SLAB ARE DESIGNED AS STEEL FIBER REINFORCED CONCRETE. MINIMUM AMOUNT OF STEEL FIBERS PER CUBIC YARD SHALL BE (20) POUNDS PER CUBIC YARD.

CONCRETE:

Table for LAP SPlice LENGTH (4000 PSI CONCRETE) - NORMAL WEIGHT, NO EPOXY. Includes columns for BAR SIZES (#) and TOP/BOTTOM bars.

DESIGN CRITERIA:

- DESIGN DEAD LOADS: ROOFS - SEE PEMB MANUFACTURER, ELEVATED FLOORS - SEE PEMB MANUFACTURER.

ADHESIVE ANCHORS:

- FOR POST-INSTALLED ADHESIVE ANCHORS INTO CRACKED CONCRETE, PRODUCTS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH AC308 AND ICC-ES AC308.

ANCHOR RODS:

- ANCHOR BOLTS SHALL BE HEADED BOLTS OR THREADED RODS WITH NUT SECURED AT BOTTOM. THREADS SHALL EXTEND 1/2" PAST NUT.

DELEGATED DESIGNS:

- UNLESS SPECIFICALLY DETAILED ON DRAWINGS, THE FOLLOWING SHALL BE DESIGNED BY THE CONTRACTOR'S DELEGATED DESIGN ENGINEER. SHOP DRAWINGS AND CALCULATIONS FOR COMPLETE DESIGN SHALL BE PREPARED AND SUBMITTED TOGETHER FOR REVIEW BY THE ENGINEER OF RECORD AND BY THE OWNER.

MECHANICAL ANCHORS:

- FOR POST-INSTALLED MECHANICAL ANCHORS INTO CRACKED CONCRETE, PRODUCTS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH AC308.2 AND ICC-ES AC308.2.

ANCHOR RODS:

- ANCHOR BOLTS SHALL BE HEADED BOLTS OR THREADED RODS WITH NUT SECURED AT BOTTOM. THREADS SHALL EXTEND 1/2" PAST NUT.

METAL BUILDING:

- FOUNDATION DESIGN IS BASED ON ASSUMED LOADING AND REACTION CRITERIA. FINAL FOUNDATION SIZES AND DETAILING WILL BE DETERMINED ONCE FINAL PEMB REACTIONS ARE PROVIDED BY THE CONTRACTOR.

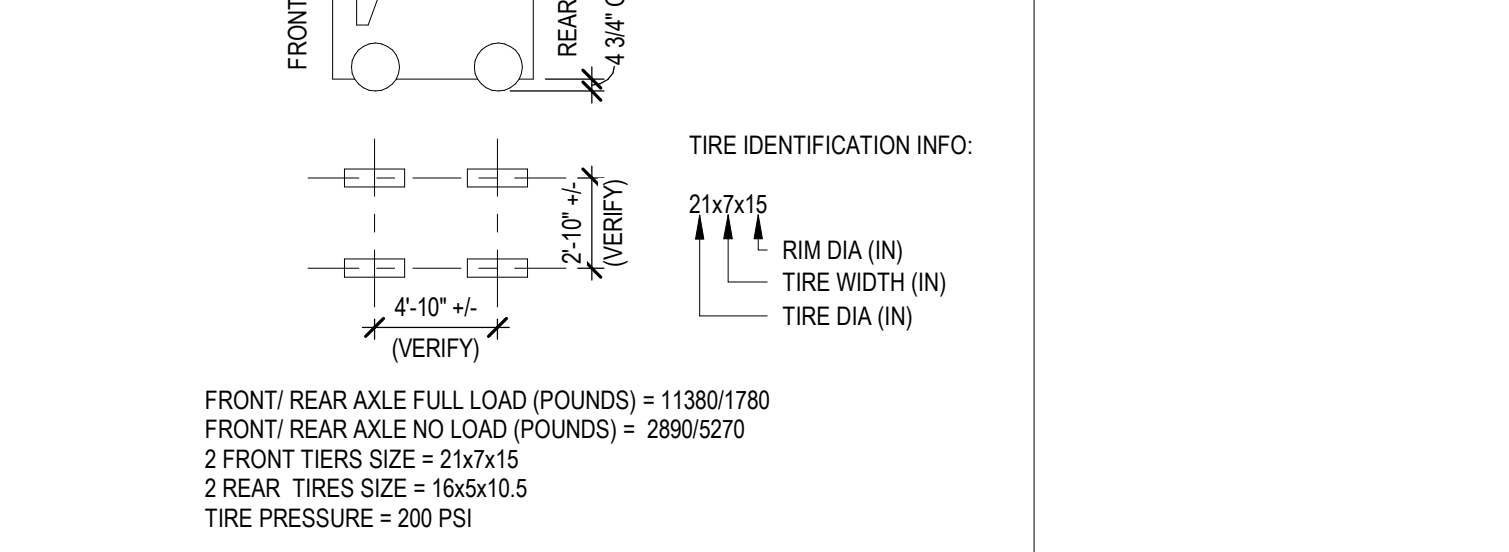
ANCHOR RODS:

Table for ANCHOR ROD HOLES IN BASE PLATE & WASHER SIZE. Columns: ANCHOR ROD DIAMETER (IN), MAX HOLE DIAMETER (IN), MIN SQUARE WASHER SIZE (IN), MIN WASHER THICKNESS.

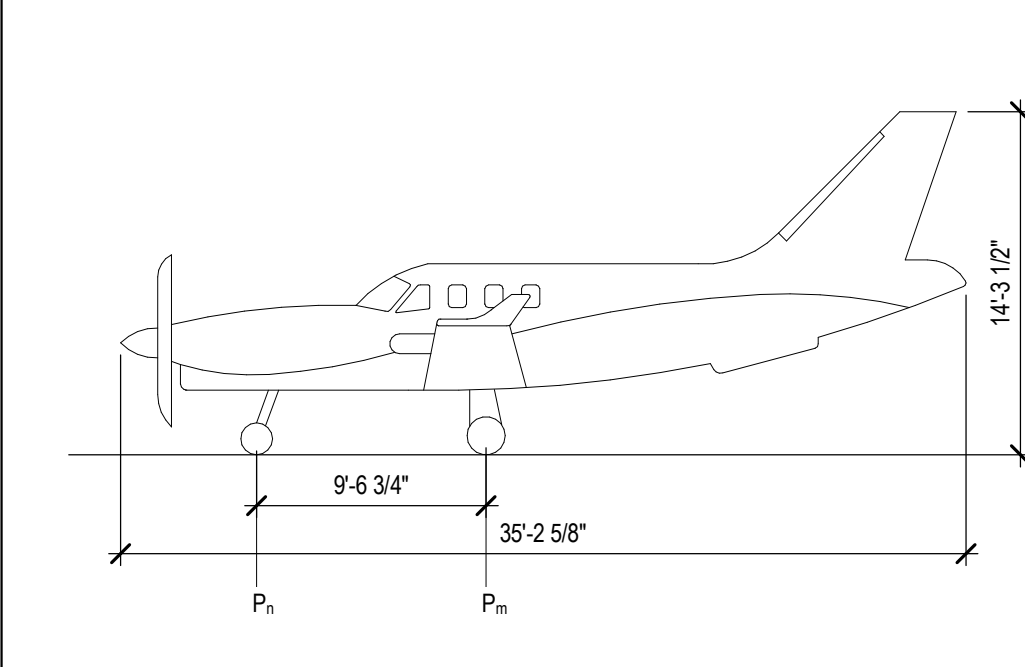
CRANES:

- CRANE SHALL HAVE A CAPACITY OF AT LEAST 3 TONS WITH A SINGLE BRIDGE. BASIS OF DESIGN IS KONECRANES CXT.

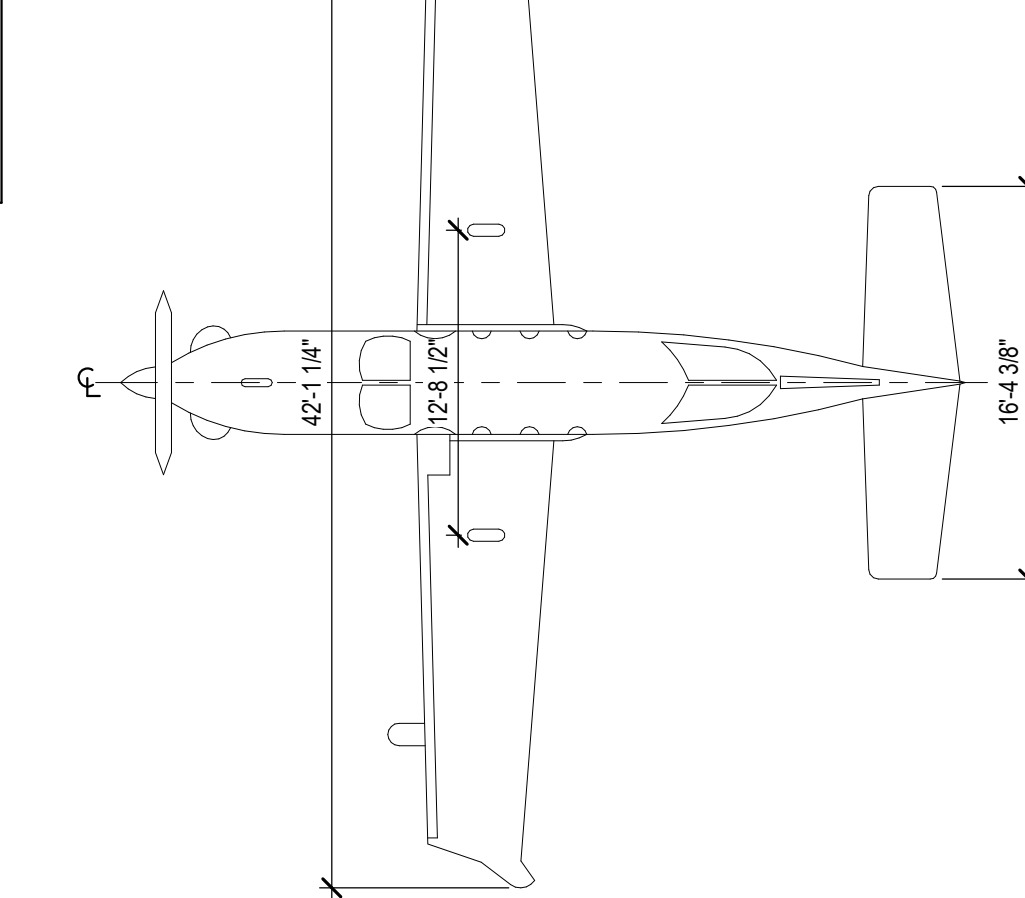
LOADING DIAGRAM - 5,000 LB CAPACITY FORKLIFT TOYOTA MODEL 8FGCU25



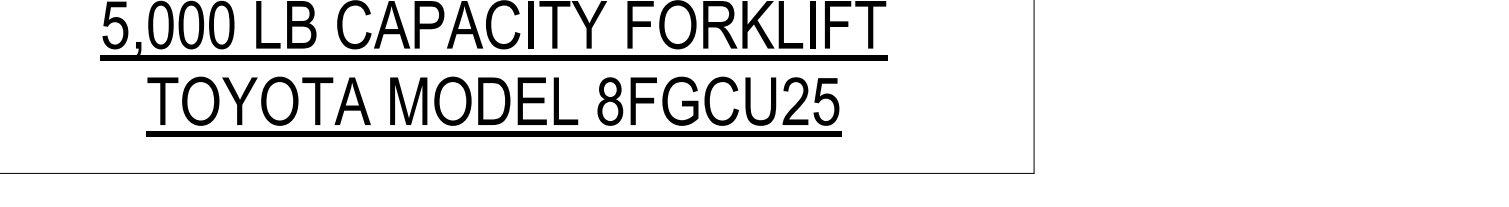
TYP. HANGAR DOOR WHEEL LOADS



WHEEL LOADS & DIMENSIONS TBM 960



LOADING DIAGRAM - 5,000 LB CAPACITY FORKLIFT TOYOTA MODEL 8FGCU25

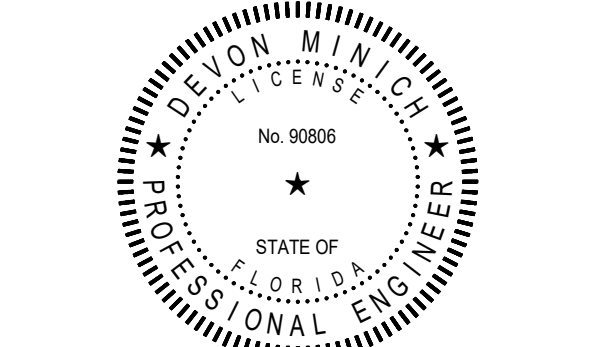


LOADING DIAGRAM - 5,000 LB CAPACITY FORKLIFT TOYOTA MODEL 8FGCU25

Table for AIRCRAFT LOADS. Columns: AIRCRAFT MODEL, MAX RAMP WGT (KIPS), MAX LANDING WGT (KIPS), EMPTY WGT (KIPS), FUEL WGT (KIPS), % LOAD MAIN GEAR, % LOAD NOSE GEAR, NOSE GEAR TIRES, MAIN GEAR TIRES, Pn, Pn.

NOTES:

- ALL AIRCRAFT WEIGHTS, DIMENSIONS, TIRE SIZE, ETC., SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE OWNER.



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ARCHITECT OF RECORD: DEVON MINICH FL PE 90806

DESIGNED BY: BRPH

DRAWN BY: K. PATTERSON

PROJECT NUMBER: C09584.001.00

DATE: 11/14/2025

TITLE: GENERAL NOTES

DRAWING NO. S-001

DRAWING NO. S-001

DRAWING NO. S-001

DRAWING NO. S-001

DRAWING NO. S-001

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D

C

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5

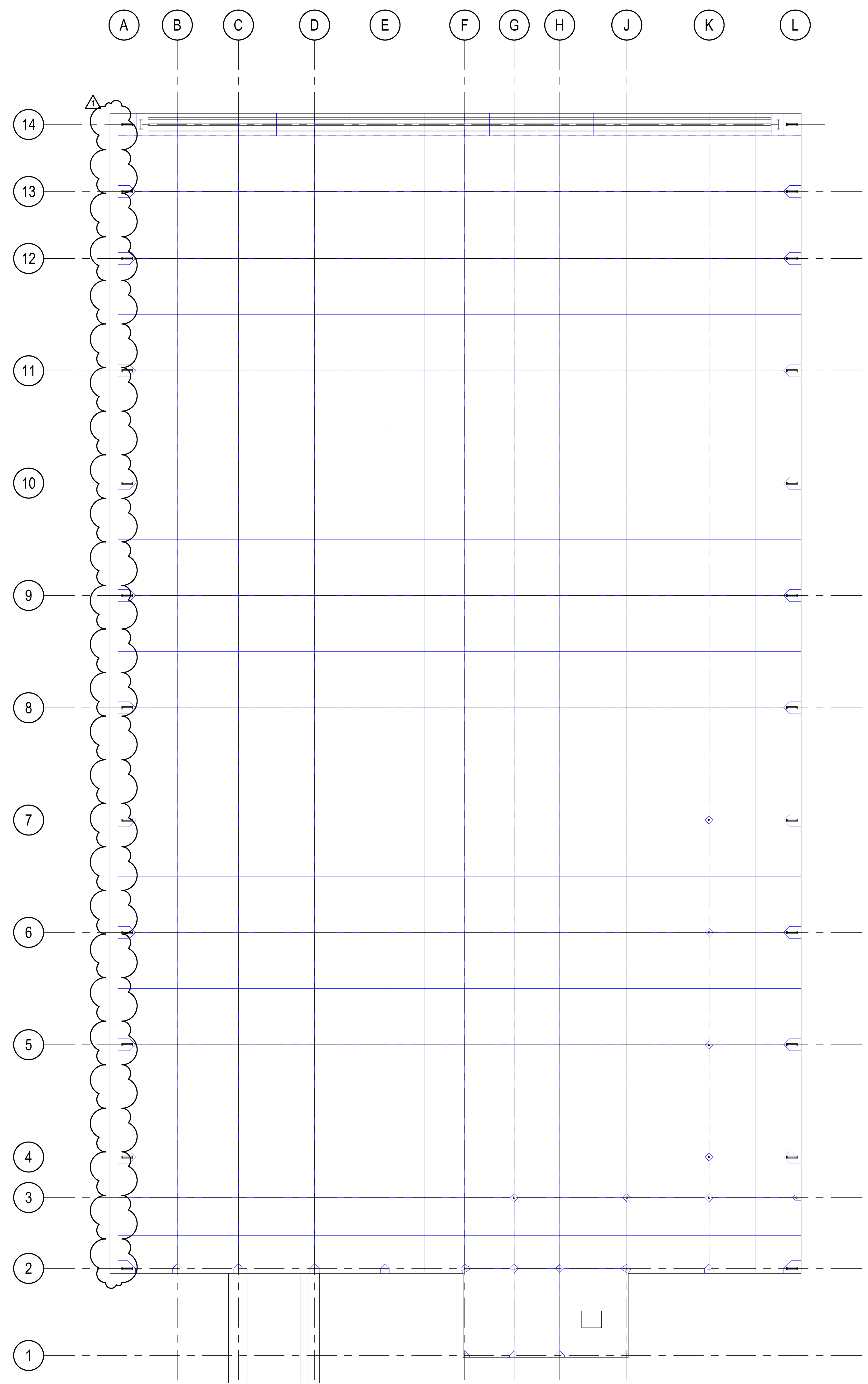
6

S-001

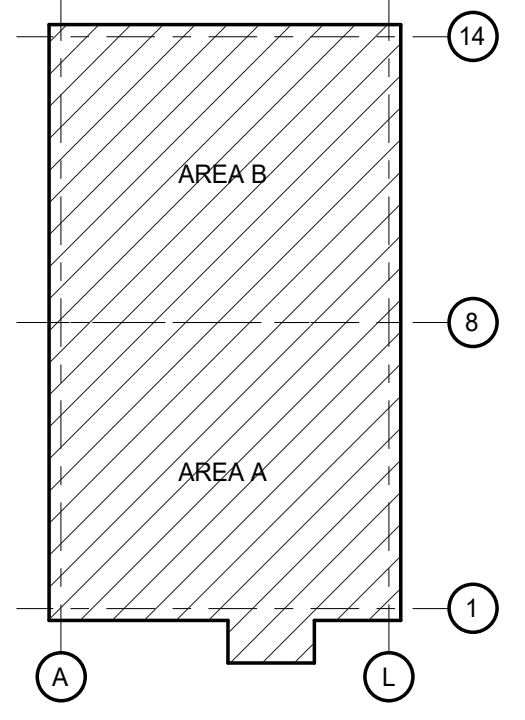
ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY	
0	11/14/25 ISSUE FOR CONSTRUCTION
1	04/02/26 REVISION 1

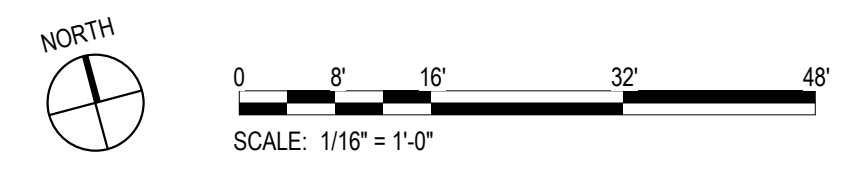
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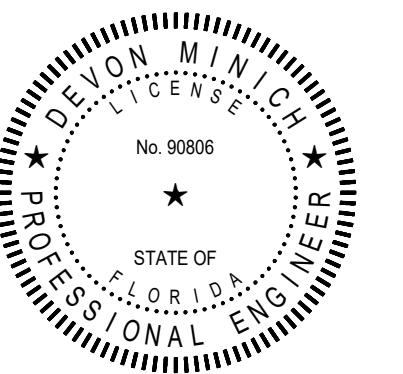
COMPOSITE FOUNDATION AND SLAB PLAN
SCALE: 1/16" = 1'-0"



KEY PLAN



Daher - FAL US
STUART, FLORIDA
Daher



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ARCHITECT OF RECORD
DEVON MINICH
FL PE 90806
DESIGNED BY
K. PATTERSON
DRAWN BY
K. PATTERSON
PROJECT NUMBER
C09584.001.00
DATE
11/14/2025

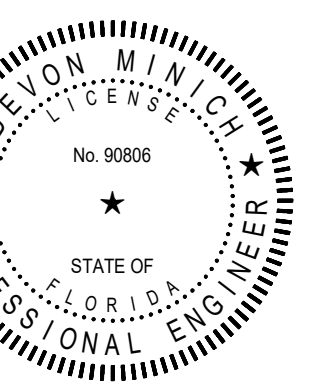
TITLE
COMPOSITE FOUNDATION AND SLAB PLAN
DRAWING NO.

S-101

ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY	
0	11/14/25 ISSUE FOR CONSTRUCTION
1	04/02/26 REVISION 1

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ARCHITECT OF RECORD:
DEVON MINICH
 FL PE 90806
 DESIGNED BY:
K. PATTERSON
 DRAWN BY:
K. PATTERSON
 PROJECT NUMBER:
C09584.001.00
 DATE:
11/14/2025

TITLE:
FOUNDATION AND SLAB PLAN - AREA B

DRAWING NO.
S-101B

LEGEND:

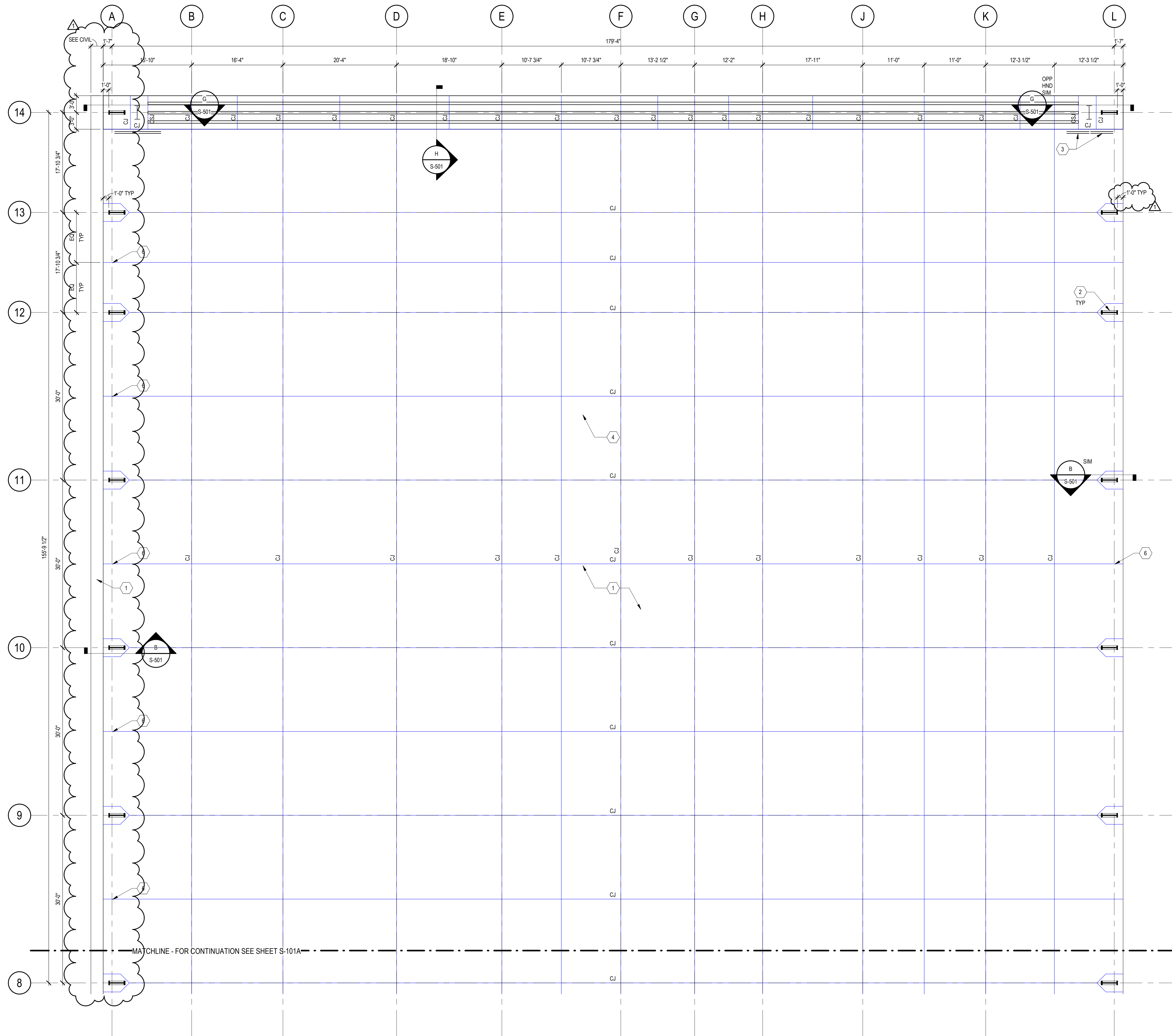
CJ(XX) = SLAB CONTROL JOINT. SEE SHEET S-501 FOR DETAIL.
 CS(XX) = SLAB CONSTRUCTION JOINT. SEE SHEET S-501 FOR DETAIL.

NOTES:

- SEE SHEET S-001 FOR GENERAL NOTES AND ABBREVIATIONS.
- SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR GROUND FLOOR EXTERIOR CONCRETE SLAB LAYOUT, SLOPES, CONTROL JOINTS AND ELEVATIONS.
- COORDINATE ALL UNDER-SLAB UTILITIES WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS PRIOR TO POURING FOUNDATIONS AND SLAB.
- T/ SLAB ELEVATION = 0'-0" UNO.
- COORDINATE LOCATIONS OF FLOOR DRAINS WITH ARCHITECTURAL AND PLUMBING DRAWINGS. SLOPE FLOOR TO DRAIN.

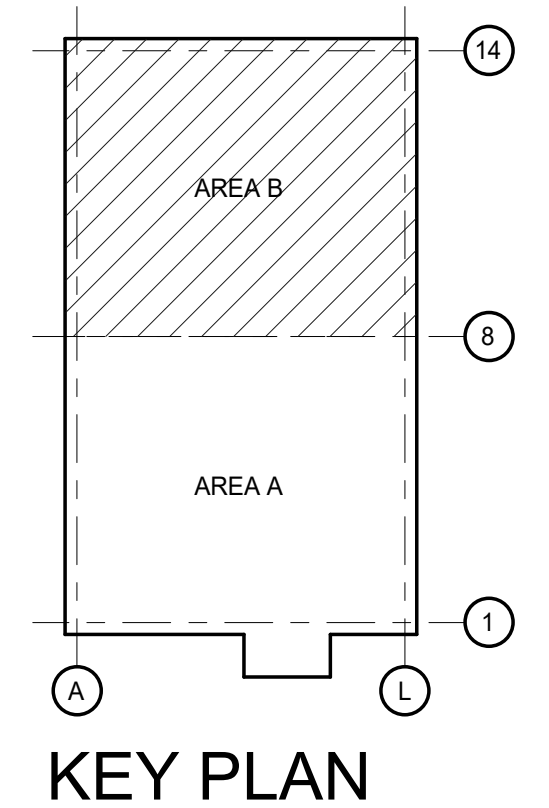
KEY NOTES:

- 6" THICK SLAB ON 15 MIL VAPOR RETARDER OVER COMPACTED SUBGRADE. SEE SHEET S-001 FOR REINFORCEMENT.
- PRE-ENGINEERED METAL BUILDING COLUMN BY DELEGATED SPECIALTY ENGINEER.
- PROVIDE (2) #4 BARS x 4'-0" LG T&B REINFORCEMENT AT ALL RE-ENTRANT CORNERS IN SLAB ON GRADE (TYP)
- OVERHEAD CRANE ABOVE TO BE COORDINATED WITH ARCHITECTURE AND PEMB DRAWINGS.
- DEPRESS SLAB AT LOADING DOCK. SEE SECTION J/S-501.
- METAL BUILDING VERTICAL BRACING SHALL BE AVOIDED IN THESE BAYS DUE TO FUTURE OPENINGS. PORTAL FRAMES ARE ACCEPTABLE. REFER TO ARCHITECTURAL DRAWINGS.
- DEPRESS SLAB FOR VERTICAL PLATFORM LIFT. SEE TYPICAL DEPRESSED SLAB DETAIL ON SHEET S-501.



FOUNDATION AND SLAB PLAN - AREA B

SCALE: 1/8" = 1'-0"



KEY PLAN

