

MICHAEL MOORES, RA
(816) 516-4861

Development Services
CITY OF LEE'S SUMMIT, Missouri
220 SE Green Street
Lee's Summit, MO 64063

Re: Butler Supply
2736 NE McBaine Drive
Lee's Summit, MO 64064
Permit No.: PRCOM20251795

June 10, 2025

Dear Plans Examiner:

We have received your plan review comments and have itemized our responses to correspond with each comment.

Licensed Contractors:

1. The licensed plumbing contractor is Mayes Plumbing - 501 S McCleary Rd, Excelsior Springs MO 64024, License # LC23142883, Telephone #: (816) 792-5400. The mechanical contractor is F&G Mechanical Services – 17219 Bel Ray Place, Belton MO 64012, Telephone #: (816) 322- 0810. It is acknowledged that contractors are required to be licensed in Lee's Summit before they can perform any work.

Building Plan Review:

1. Please see the attached email with the diagram and highlighted note from the engineer of the roof truss manufacturer indicating that the existing roof structure is satisfactory to support the new condensing equipment.
2. Please see the attached engineered rack design detailing the way racks are to be attached to the floor.

Fire Plan Review:

1. Shop drawings will be submitted for review and approval as a deferred submittal by the Fire Alarm System contractor.
2. Shop drawings will be submitted for review and approval as a deferred submittal by the Fire Suppression System contractor.

Please call if you have any questions.

Sincerely,

MICHAEL MOORES, RA

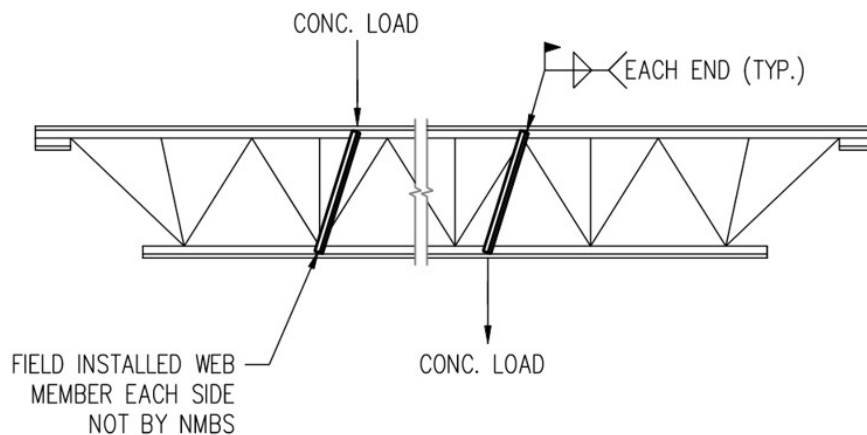
From: Michael Moores
To: Michael Moores
Subject: FW: (REINF NOT REQUIRED FOR 100#) - 2119-0277 - I-470 Business + Tech Center
Date: Tuesday, June 10, 2025 3:22:00 PM
Attachments: image004.png
image005.png

From: French, Eric <eric.french@newmill.com>
Sent: Tuesday, June 10, 2025 11:26 AM
To: Michael Moores <mmoores@mdesignllc.net>
Cc: Russell, Nancy <nancy.russell@NewMill.com>; Watson, David <David.Watson@newmill.com>; Burton, Alex <alex.burton@newmill.com>; Higginbotham, Barry <Barry.Higginbotham@newmill.com>; Broom, Brady <brady.broom@newmill.com>
Subject: (REINF NOT REQUIRED FOR 100#) - 2119-0277 - I-470 Business + Tech Center

Mike,

Please reference the "Field Installed Web Members..." detail on sheet J1.1 of our Field Use Drawings. I've highlighted pertinent text in the snip provided below. Considering the added units will impose less than 100# load, the supporting joist members are structurally adequate and do not require field installed reinforcement.


I've included Engineering Manager (Brady Broom) for the plant where this project was manufactured.



JOIST CHORDS ARE NOT DESIGNED FOR LOCALIZED BENDING FROM CONCENTRATED LOADS – U.N.O. IN LOAD KEY (WHERE SHOWN ON FRAMING PLAN). CONCENTRATED LOADS MUST BE APPLIED AT JOIST PANEL POINTS OR FIELD INSTALLED WEB MEMBERS MUST BE UTILIZED AS SHOWN AT NO COST TO NMBS. ADDITIONAL WEB MEMBERS ARE N.I.N.C. CONSULT THE SPECIFYING PROFESSIONAL FOR SIZING AND WELDING REQUIREMENTS. **ADDITIONAL WEB MEMBERS ARE NOT REQUIRED PROVIDED THAT THE SUM OF THE CONCENTRATED LOADS WITHIN A CHORD PANEL DOES NOT EXCEED 100 POUNDS AND THE ATTACHMENTS ARE CONCENTRIC TO THE CHORD.** REFER TO NMBS JOIST ERECTION NOTES, JOIST INSTALLATION NOTE #12.

FIELD INSTALLED WEB MEMBERS AT CONCENTRATED LOADS

Respectfully,

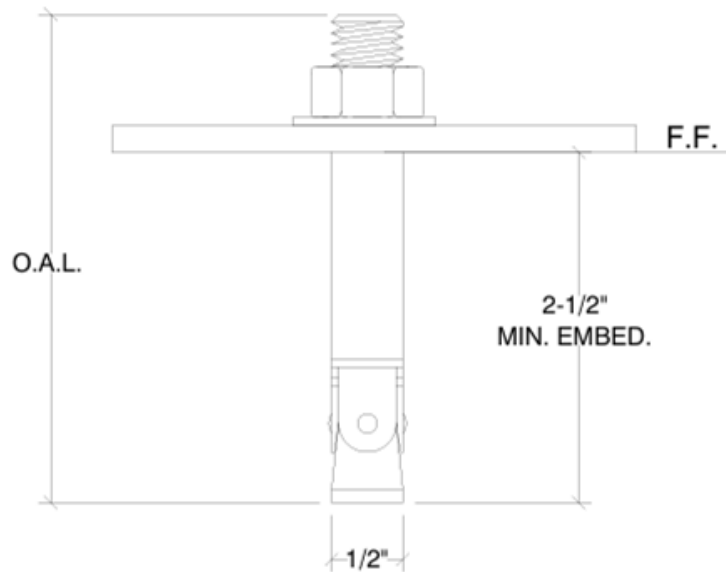


From: Michael Moores <mmoores@mdesignllc.net>
Sent: Thursday, June 5, 2025 9:51 AM
To: French, Eric <eric.french@newmill.com>
Subject: 2119-0277

Eric,

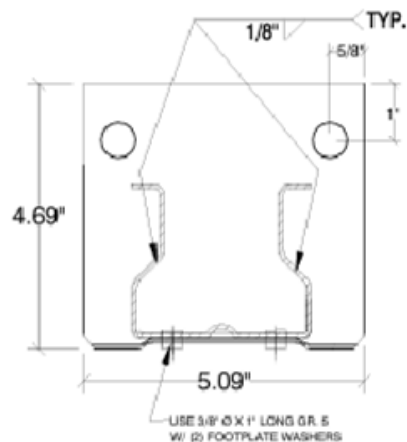
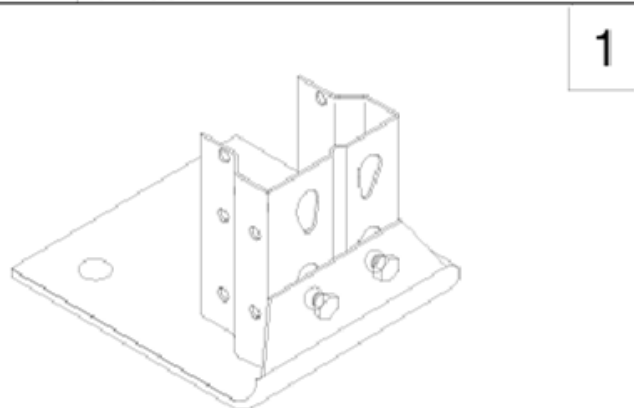
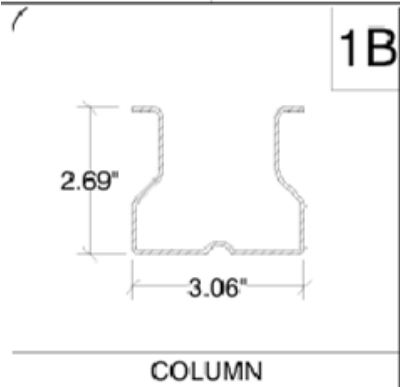
The comment is at the bottom of page one of the city's plan review (attached). Sheet A-002 shows the reference plan, and M201 shows the general location for the two additional condensing units (cut sheets attached – page 10).

Thanks for your help!
Mike



NOTES:
CONFIRM O.A.L. OF ANCHORS WITH INSTALLER TO
ENSURE REQUIRED EMBEDMENT IS OBTAINED.

DESCRIPTION	HILTI KWIKBOLT TZ2 ANCHOR	NOTES: SEE NOTE #4 ABOVE FOR ANCHOR SPECS.
SIZE	1/2"Ø X 2-1/2" MIN. EMBED.	
ESR#	4266	



NOTES:
USE @ ALL
COLUMN/BASE LOCATIONS TYP.

DESCRIPTION	BASE PLATE: 5.094" X 4.688"	DESCRIPTION	COLUMN: MCLX 314
MATERIAL	0.194" THICK PLATE	MATERIAL	14 GAGE THK STEEL
STEEL YIELD	ASTM A36. Fv=36.000 PSI	STEEL YIELD	ASTM A570. Fv=55.000 PSI