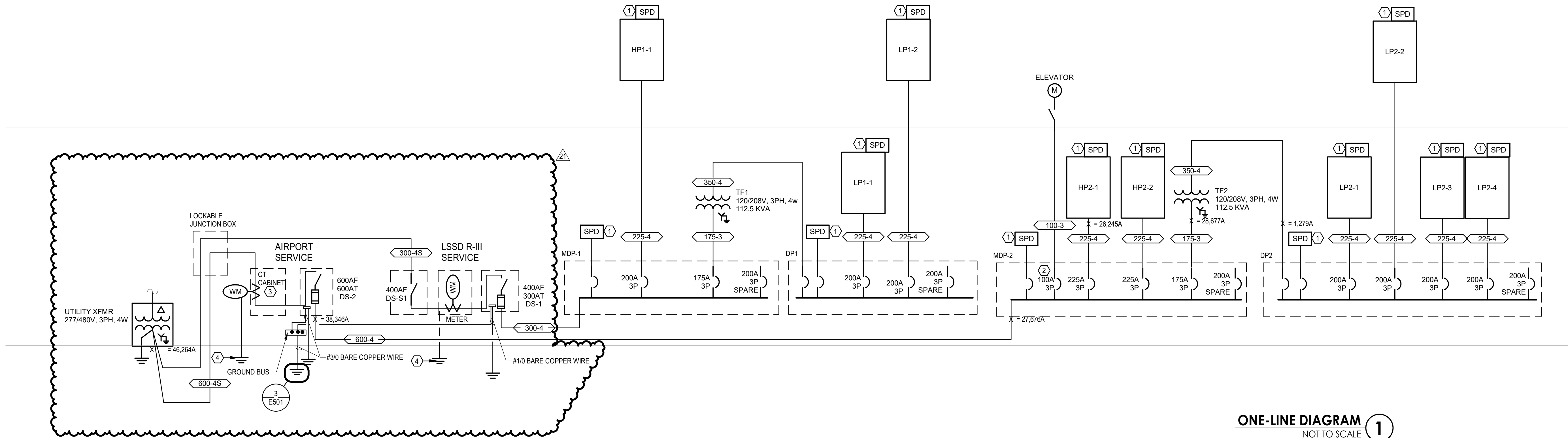


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ONE-LINE DIAGRAM 1  
NOT TO SCALE

## GENERAL SHEET NOTES

- PROVIDE ARC FLASH ANALYSIS AND COORDINATION STUDY PER SPECIFICATIONS.
- COORDINATION STUDY SHALL BE PERFORMED PRIOR TO ORDERING PANELBOARDS.

## ELECTRICAL KEYNOTES

- PROVIDE SURGE PROTECTION DEVICE TO THE TOP OF THE PANELBOARD. CONDUCTORS FROM THE BREAKER TO THE SPD SHALL BE LONGER THAN 18" AND SHALL BE INSTALLED IN PVC NIPLLE. COORDINATE BREAKER LOCATION WITH SPD LOCATION TO ENSURE CONDUCTORS ARE AS SHORT AND STRAIGHT AS POSSIBLE.
- VERIFY EXACT AMPERAGE SIZE FOR ELEVATOR WITH MANUFACTURER SUBMITTAL.
- METER AND CT CABINET PER UTILITY REQUIREMENTS.
- GROUND METER PER UTILITY REQUIREMENTS.

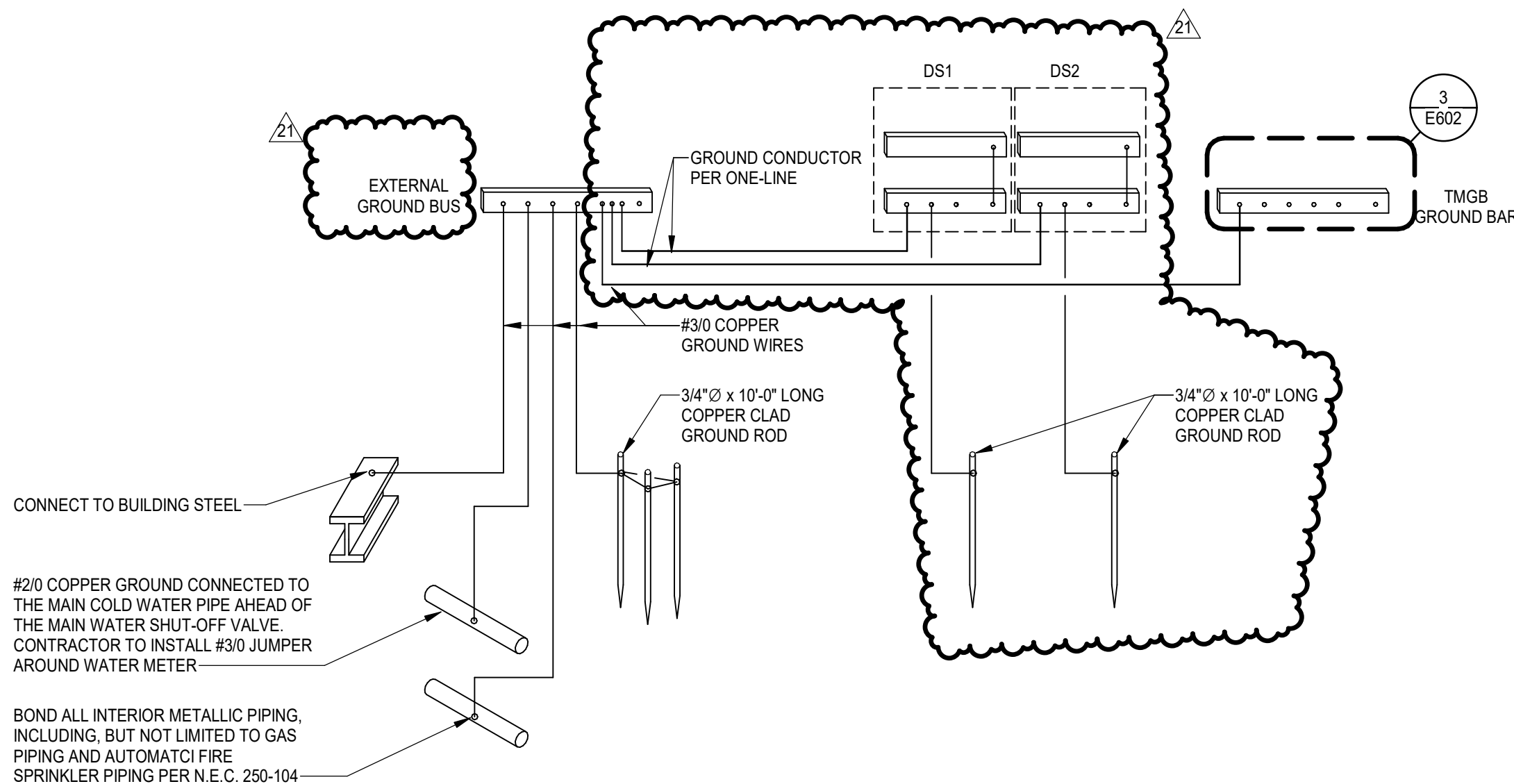
RELEASED FOR  
CONSTRUCTION  
As Noted on Plans Review  
Development Services Department  
Lee's Summit, Missouri  
07/22/2025

## UTILITY CONTACT:

EVERGY  
GARY JONES  
EMAIL: gary.jones@evergy.com  
PHONE: 816-813-1998

## FEEDER SCHEDULE - COPPER

FEEDER	AMPACITY	NO. SETS	FEEDER WIRE AND CONDUIT
100-3	100A	1	3-#3 CU, #8 CU GND - 1-1/4" C.
175-3	175A	1	3-#20 CU, #8 CU GND - 2-1/2" C.
225-4	225A	1	4-#10 CU, #4 CU GND - 2-1/2" C.
300-4	300A	1	4-#10 KCML CU, #4 CU GND - 3" C.
300-4S	300A	1	4-#10 KCML CU - 3" C.
350-4	350A	2	4-#10 CU, #3 CU GND - 2-1/2" C.
600-4	600A	2	4-#350 KCML CU, #1 CU GND - 3" C.
600-4S	600A	2	4-#350 KCML CU - 3" C.



BUILDING SERVICE GROUNDING DIAGRAM 3  
NOT TO SCALE



1627 MAIN STREET, SUITE 600  
KANSAS CITY, MO 64108



1627 MAIN STREET, SUITE 100  
KANSAS CITY, MO 64108



1301 BURLINGTON STREET  
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT  
LEE'S SUMMIT, MISSOURI

600AF  
600AT  
DS-2

EASTSIDE DEVELOPMENT  
CITY PROJECT NO. - 47732472



03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY  
LEE'S SUMMIT, MO

21 7/17/25 PR 15  
MARK DATE DESCRIPTION

PROJECT NO: 022-04268  
CAD DWG FILE: Lee's Summit - Hangar 2.rvt  
DESIGNED BY: SH  
DRAWN BY: OH  
CHECKED BY: AF  
APPROVED BY: TWO  
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SHEET TITLE

DIAGRAMS

E501

SHEET OF