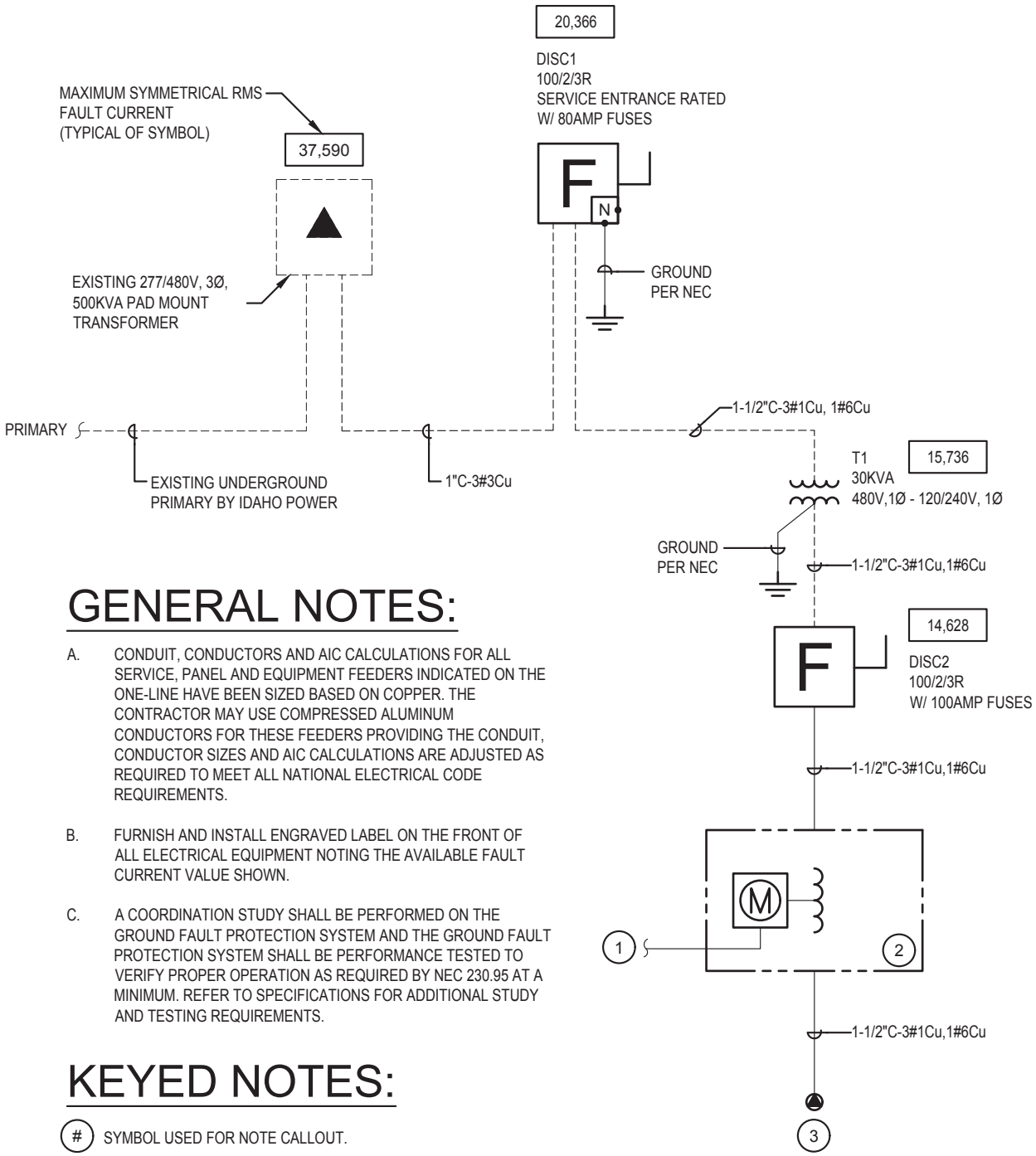

GENERAL NOTES:

A. CONDUIT, CONDUCTORS AND AIC CALCULATIONS FOR ALL SERVICE, PANEL AND EQUIPMENT FEEDERS INDICATED ON THE ONE-LINE HAVE BEEN SIZED BASED ON COPPER. THE CONTRACTOR MAY USE COMPRESSED ALUMINUM CONDUCTORS FOR THESE FEEDERS PROVIDING THE CONDUIT, CONDUCTOR SIZES AND AIC CALCULATIONS ARE ADJUSTED AS REQUIRED TO MEET ALL NATIONAL ELECTRICAL CODE REQUIREMENTS.

B. FURNISH AND INSTALL ENGRAVED LABEL ON THE FRONT OF ALL ELECTRICAL EQUIPMENT NOTING THE AVAILABLE FAULT CURRENT VALUE SHOWN.

C. A COORDINATION STUDY SHALL BE PERFORMED ON THE GROUND FAULT PROTECTION SYSTEM AND THE GROUND FAULT PROTECTION SYSTEM SHALL BE PERFORMANCE TESTED TO VERIFY PROPER OPERATION AS REQUIRED BY NEC 230.95 AT A MINIMUM. REFER TO SPECIFICATIONS FOR ADDITIONAL STUDY AND TESTING REQUIREMENTS.

KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. PROVIDE 3/4" CONDUIT WITH (1) CAT6 CABLE TO MAIN BUILDING.
2. PROVIDE METER IN NEMA 3R ENCLOSURE.
3. 100 AMP 120/240V RECEPTACLE

ONE-LINE DIAGRAM

NTS

NIFC RFIMS Infrastructure Demo
ATT-4 - Existing One Line Diagram
February 11, 2026