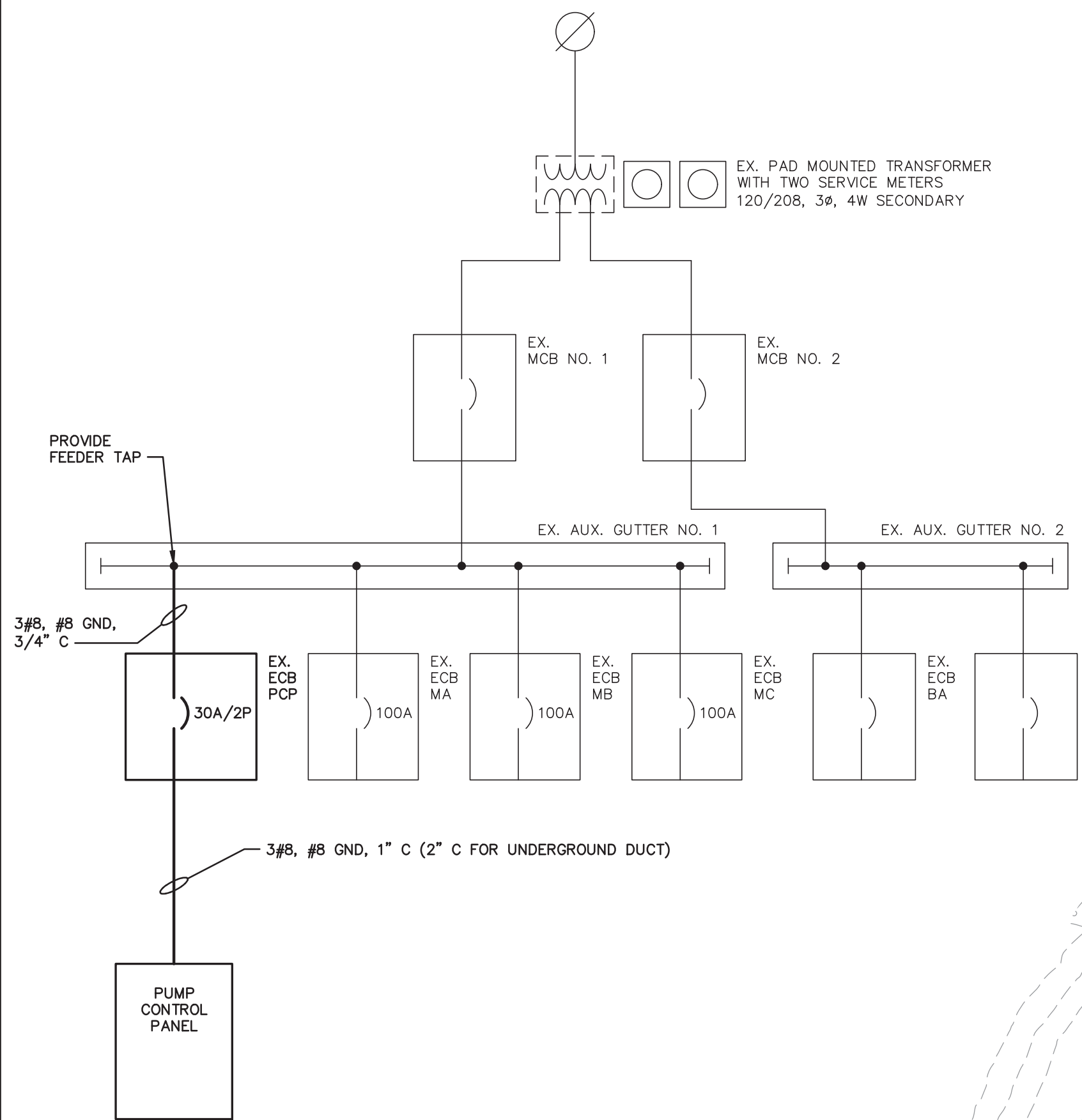
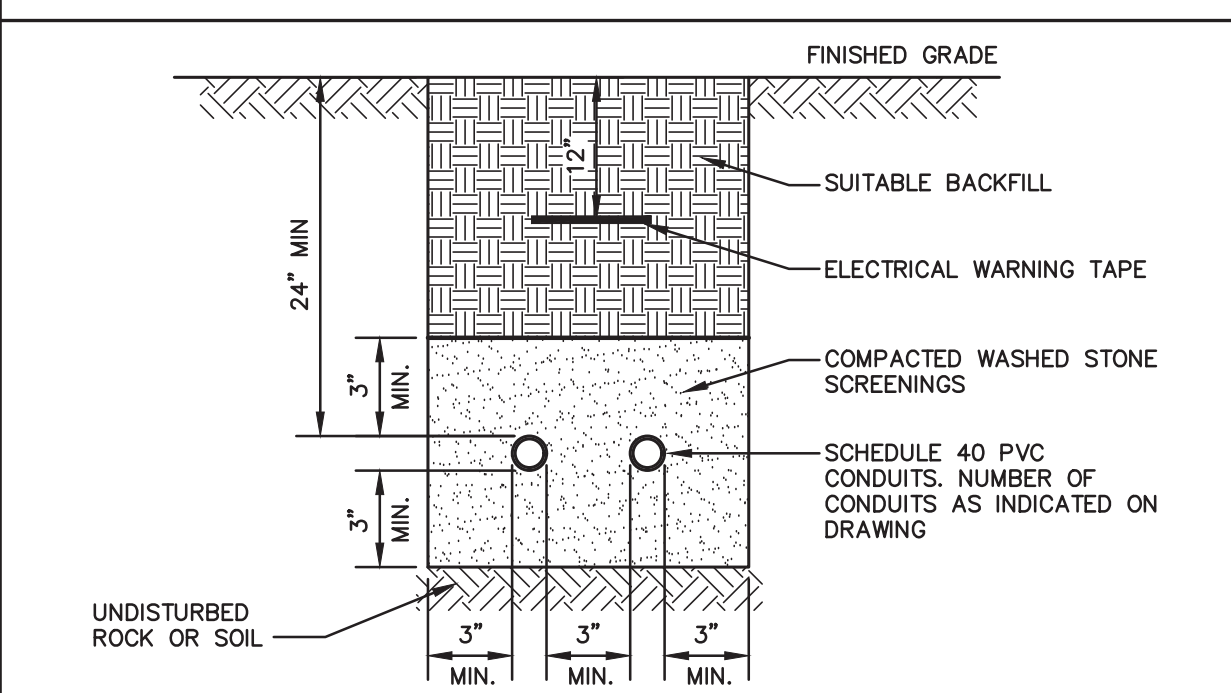


**GENERAL NOTES:**

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER DIVISION TRADES TO PROVIDE A COMPLETE AND OPERABLE SYSTEM. LOCATE FIXTURES, DEVICES, ETC. IN ORDER TO AVOID INTERFERENCES.
- B. ALL WORK SHALL BE PERFORMED AS REQUIRED BY APPLICABLE SECTION OF THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND ALL GOVERNING LOCAL CODES, LAWS, AND/OR REGULATIONS.
- C. SYSTEM AND EQUIPMENT GROUNDING CONTINUITY SHALL BE ASSURED AS REQUIRED BY APPLICABLE SECTIONS OF THE NATIONAL ELECTRICAL CODE.
- D. ALL WIRING SHALL BE TYPE "THHN-THWN" U.O.N.; MINIMUM WIRING SHALL BE #12 (POWER WIRE). ALL WIRE SHALL BE COPPER. MINIMUM CONDUIT SIZE FOR METALLIC CONDUIT TO BE 3/4" AND 1" FOR PVC.
- E. ALL CIRCUIT PROTECTIVE DEVICES SHALL HAVE THE REQUIRED RATING INTERRUPTING CAPACITY EQUAL TO OR GREATER THAN THE AVAILABLE SHORT-CIRCUIT CURRENT AT ITS SUPPLY TERMINAL; MINIMUM INTERRUPTING CAPACITY SHALL BE 10,000 AMPS, SYMMETRICAL A.I.C. FOR 120/208V SYSTEMS AND 14,000 AMPS, SYMMETRICAL A.I.C. FOR 277/480V SYSTEMS. REFER TO PANEL SCHEDULES FOR A.I.C. RATINGS.
- F. ALL OUTDOOR EXPOSED CONDUIT TO BE RIGID GALVANIZED STEEL. TRANSITION FROM UNDERGROUND TO EXPOSED SHALL BE RIGID GALVANIZED STEEL.
- G. ALL UNDERGROUND CONDUITS TO BE SCHEDULE 40 PVC UNLESS OTHERWISE INDICATED. ALL CONDUITS SHALL INCLUDE A NYLON PULL CORD.

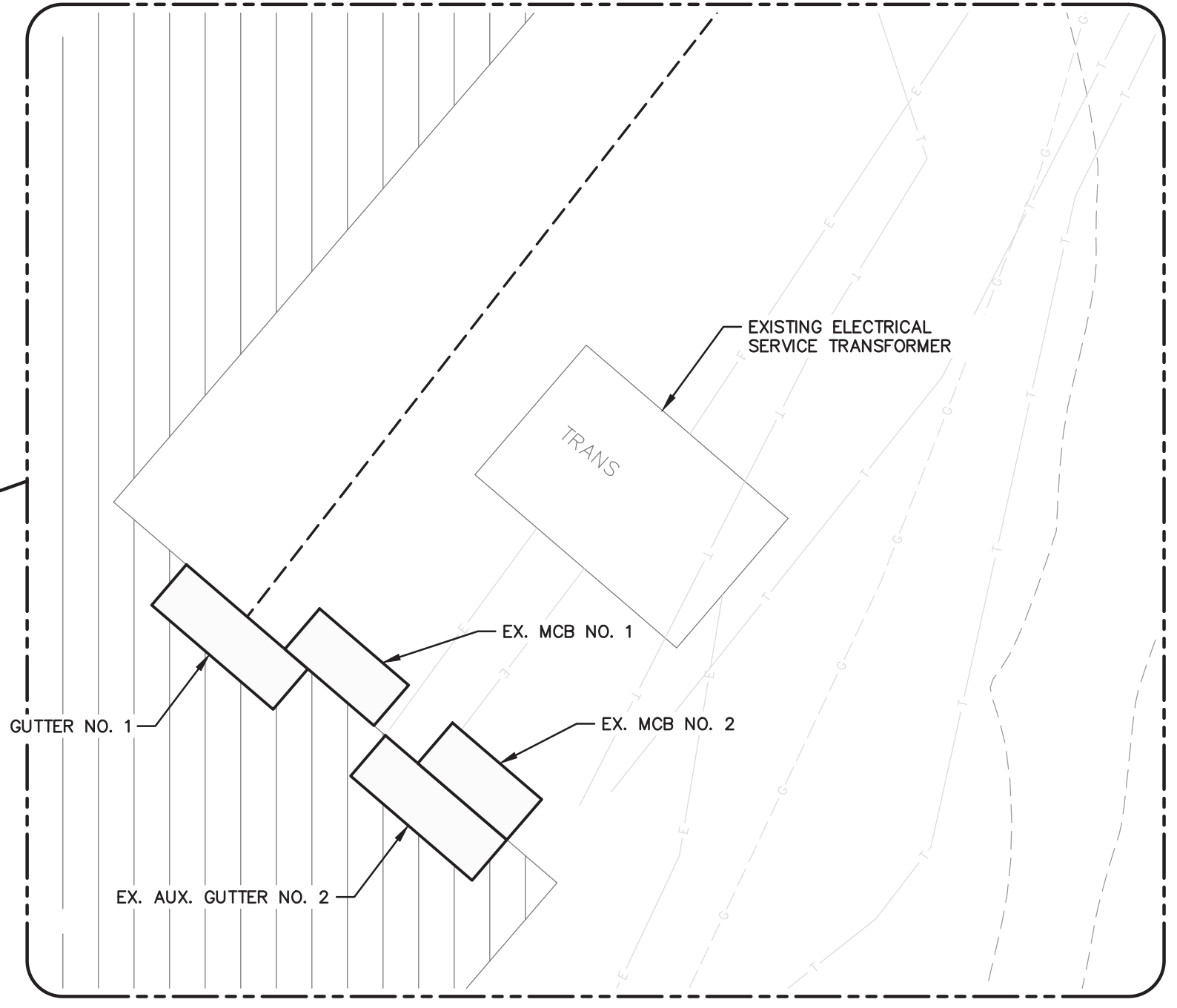
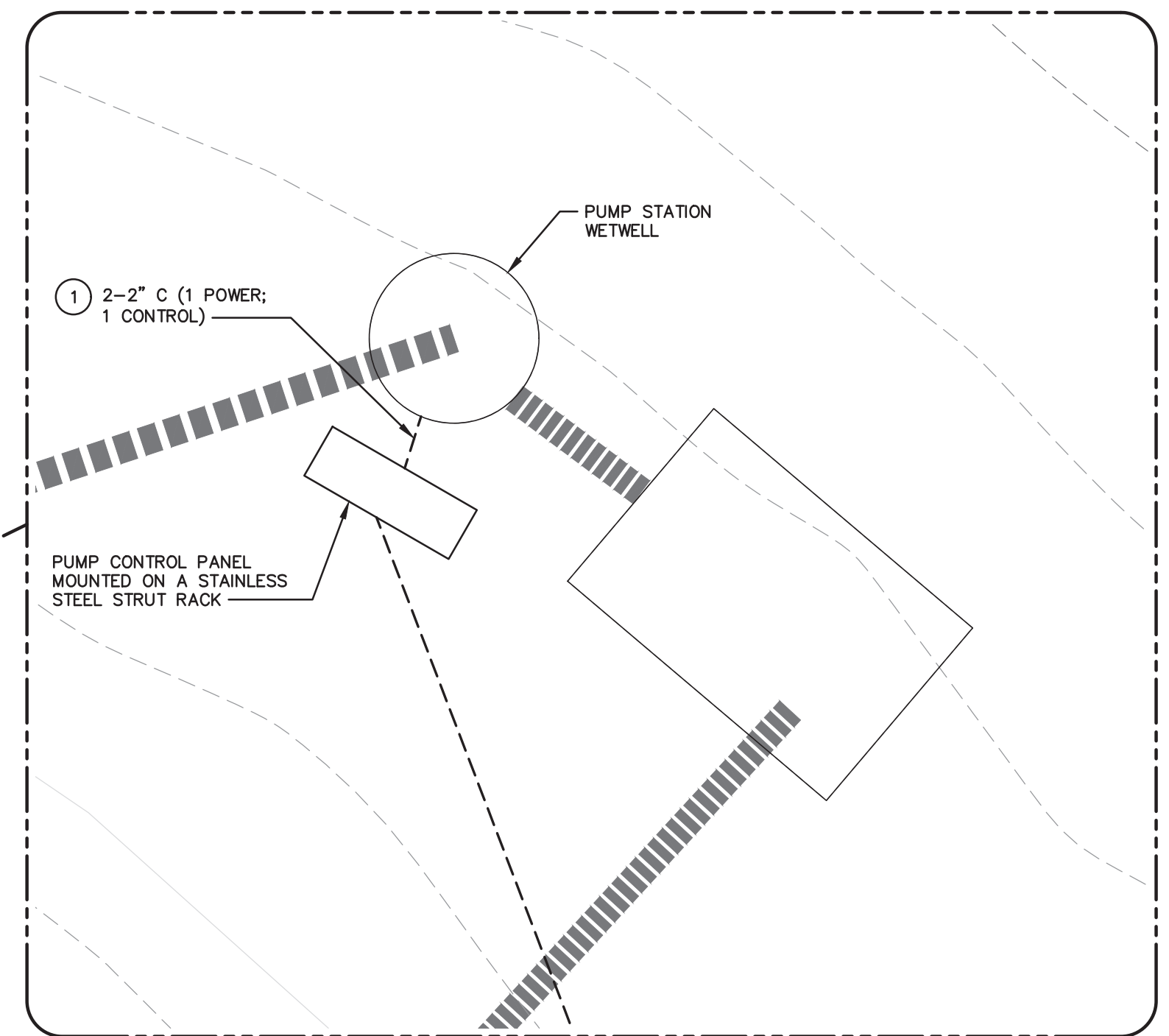
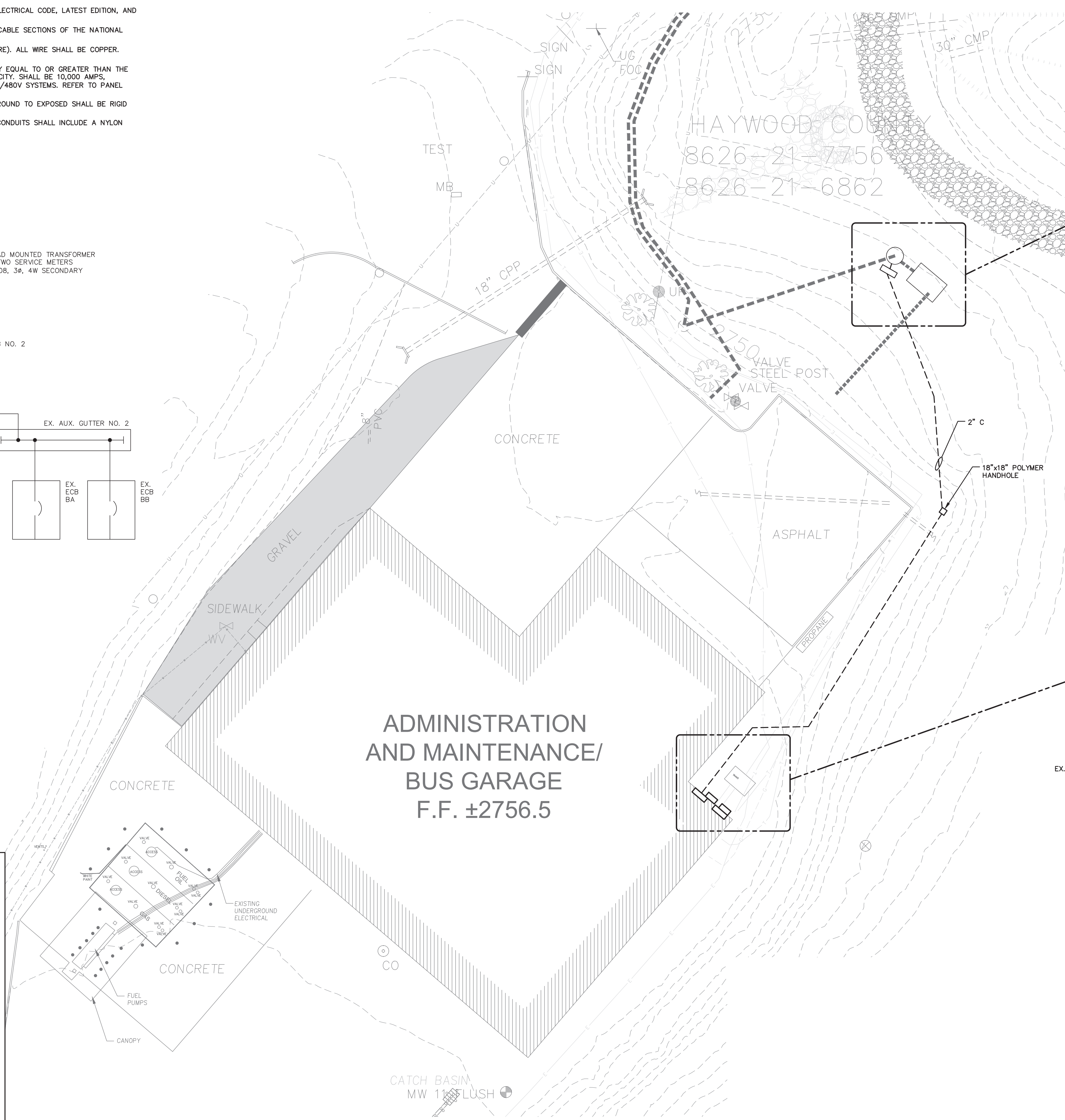


**POWER ONE-LINE**  
NOT TO SCALE



- NOTES:**
- 1. ALL TRENCHING, BEDDING, AND BACKFILLING BY THE SITE CONTRACTOR.
  - 2. ELECTRICAL CONDUIT AND CONDUCTORS SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.
  - 3. CONTRACTOR TO RESTORE SITE TO EXISTING CONDITION.

**TYPICAL SITE ELECTRICAL TRENCH DETAIL**  
NOT TO SCALE



- DRAWING NOTES:**
- 1 THE POWER CONDUIT WILL HAVE MANUFACTURERS CABLES FOR BOTH PUMPS. THE CONTROL CONDUIT WILL HAVE THE MANUFACTURERS FLOAT SWITCH CABLES. PROVIDE CONDUIT SEALING FITTINGS ON BOTH CONDUITS BEFORE CONNECTING TO THE PUMP CONTROL PANEL.

**CONDUIT FEEDERS AND BRANCH CIRCUITS**

SYMBOL	DESCRIPTION
---	CONDUIT - EMBEDDED IN FLOOR OR EARTH
---	CONDUIT - IN WALL, CEILING OR EXPOSED

**BID DOCUMENTS**

55 Broad Street  
Asheville, NC 28801  
828.252.0575  
NC Firm License # C-0459  
mcgillassociates.com

SIGNED AND DATED: Digitally signed by Daniel L. Griffie Date: 2019.12.19 11:26:10 -0500

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED IN ACCORDANCE WITH THE STANDARD CERTIFICATION REQUIREMENTS FOUND IN NC ADMINISTRATIVE CODE (21-58-1103E). THIS DIGITAL SIGNATURE HAS BEEN FOUND BY THE NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS TO MEET THESE STANDARDS. PLEASE CONTACT THE SIGNER IF YOU NEED ASSISTANCE IN VALIDATING THE SIGNATURE.

NO.	DATE	BY	DESCRIPTION

FRANCIS FARM LANDFILL  
RESTRICTIVE COVER IMPLEMENTATION  
**HAYWOOD COUNTY**  
HAYWOOD COUNTY, NORTH CAROLINA

OFFICE MANAGER  
M. CATHEY

DESIGNER  
D. GRIFFIE

PROJECT MANAGER  
J. BISHOP

REVIEWER

DATE	PROJECT #	FUNDING #
DECEMBER 2019	14.00708	N/A

SHEET  
**E-101**

LIBRARY STREET DRAWINGS 2014/14/00708 - FFLP ACME DESIGN ELECTRICAL DRAWINGS 14/00708 ELECTRICAL SITE PLAN DWG PLOT DATE 12/19/2019 11:24 AM SONJA ROBERTS

XXXXXXXX CITY OF MCGILLTON WATER DISTRIBUTION SYSTEM IMPROVEMENTS