



- FOUNDATION REPAIR NOTES**
1. THIS PROJECT CONSISTS OF THE STABILIZATION/REPAIR OF (3) SHALLOW FOUNDATIONS THAT HAVE SETTLED AND CAUSED DISTRESS TO BUILDING FRAMING AND SURROUNDING CONCRETE, MASONRY, AND FINISHES.
 2. REPAIRS SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE. ALL DESIGN, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REFERENCED CODE(S). UNLESS SPECIFIED OTHERWISE, ALL EDITIONS OF CODES AND STANDARDS SHALL BE AS SET FORTH IN THE ABOVE GOVERNING BUILDING CODE.
 3. FOR SOIL DATA AND REPAIR RECOMMENDATIONS, REFER TO REPORT OF GEOTECHNICAL INVESTIGATION PREPARED BY UES PROFESSIONAL SERVICES 19, LLC (UES) DATED MAY 8, 2024.
 4. THE EXISTING FOUNDATIONS INDICATED SHALL BE UNDERPINNED USING MICROPILES SOCKETED INTO UNDERLYING HARD CONTINUOUS BEDROCK. MICROPILES SHALL BE CASED WITH STEEL PIPE, CONTAIN A CENTRAL REINFORCING BAR, AND FILLED WITH GROUT.
 5. MICROPILES SHALL BE DESIGNED AND CONSTRUCTED BY A GEOTECHNICAL CONTRACTOR SPECIALIZING IN THESE TYPES OF FOUNDATIONS WITH EXPERIENCE IN THIS GEOLOGIC SETTING. MICROPILE DESIGN SHALL PREPARED BY AN ENGINEER LICENSED IN THE STATE OF TENNESSEE AND SUBMITTED FOR REVIEW.
 6. MICROPILES SHALL BE DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS GIVEN IN THE REFERENCED GEOTECHNICAL REPORT. DESIGN MICROPILES FOR THE DEAD AND LIVE SERVICE LOADS (ASD) INDICATED ON THE DRAWINGS. FOR STABILITY CONSIDERATIONS, A MINIMUM OF (3) MICROPILES SHALL BE USED AT EACH COLUMN FOUNDATION.

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PRELIMINARY FOR REVIEW
 NOT FOR CONSTRUCTION

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CITY OF ALCOA

City of Alcoa Service Center
 Alcoa, Tennessee

A New Facility For: **FOUNDATION REPAIR**

Drawn by: DJW
 Revision:

Project Number: PW-01-006
 07/03/24
S1.1