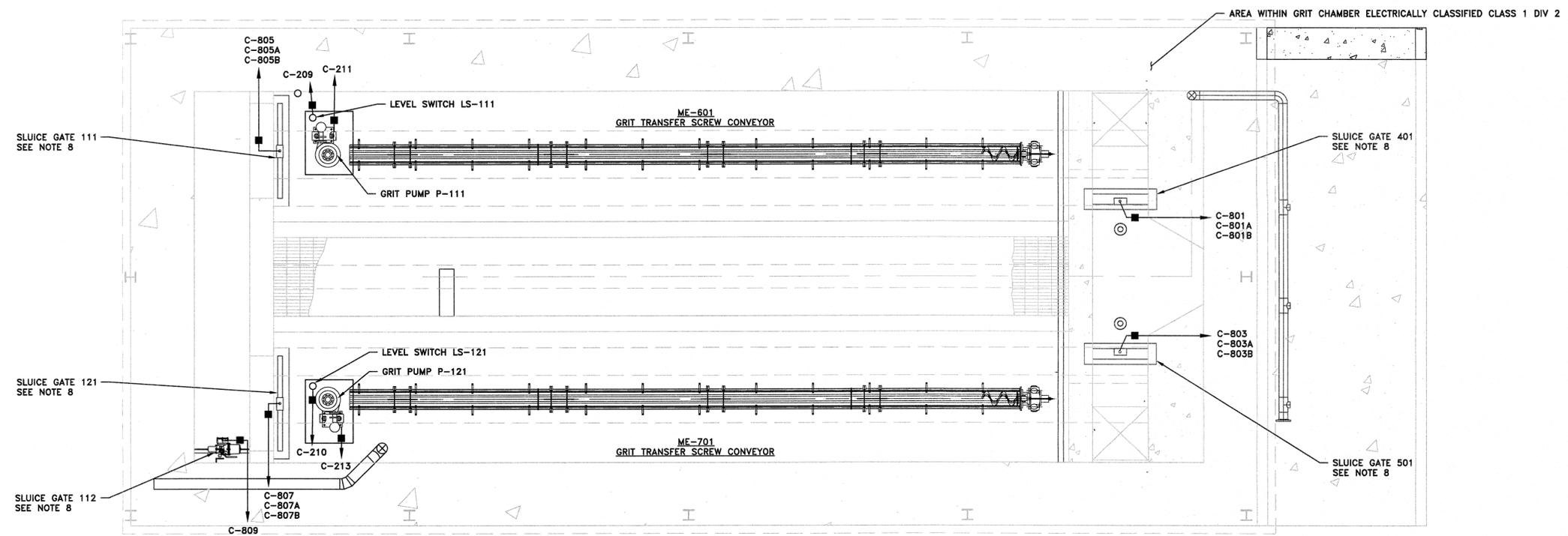


PLAN ELEVATION 14'
SCALE: 1/4" = 1'-0"

- NOTES - GENERAL:**
1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC).
 2. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A NEW JERSEY LICENSED ELECTRICAL CONTRACTOR.
 3. CONTRACTOR SHALL INSTALL ALL NEW CONDUIT AND WIRING AS SHOWN.
 4. CONTRACTOR SHALL LOCATE ALL SWITCHES IN ACCORDANCE WITH A.D.A. REGULATIONS AND ALL RECEPTACLES SHALL BE INSTALLED AT A HEIGHT NOT LESS THAN 24" A.F.G.
 5. CONTRACTOR SHALL INSTALL EXPLOSION PROOF FITTINGS AS SHOWN IN ACCORDANCE WITH N.E.C. ARTICLES 500, 501 AND 502 AND IN ACCORDANCE WITH NFPA 820.
 6. SEE MECHANICAL PLANS FOR LIMITS OF HEAT TRACE AND INSULATION REQUIREMENTS.
 7. CONTRACTOR SHALL PROVIDE GROUNDING AND BONDING FOR EXTERIOR LADDER PER NEC, MANUFACTURER RECOMMENDATIONS AND THE CONTRACT SPECIFICATIONS.
 8. CONTRACTOR SHALL FURNISH, INSTALL AND COORDINATE CONDUIT LOCATIONS AND STAINLESS STEEL CONDUIT RACKS WITH STAINLESS STEEL HARDWARE WITHIN GRIT CHAMBER TANK TO REMOTE DEVICES AS SHOWN. STAINLESS STEEL RACK MAY NEED CONSTRUCTION FOR REMOTE DEVICES LOCATED NOT ADJACENT TO INTERIOR WALLS AND SHALL BE COORDINATED WITH THE MANUFACTURER REMOTE DEVICE AND STRUCTURAL REQUIREMENTS.
 9. ALL BELOW GRADE CONDUITS SHOWN SHALL TRANSITION TO ABOVE GRADE AT GRIT CHAMBER EXTERIOR WALL CONDUIT SHALL EXTEND ABOVE AND ACROSS CONCRETE WALL AND SHALL EXTEND DOWN WALLS INSIDE GRIT CHAMBER TO REMOTE DEVICES. ALL CONDUIT TRANSITIONS WITHIN WALKWAY PATHS SHALL BE GROUPED TOGETHER AND CONTRACTOR SHALL PROVIDE CONDUIT PROTECTION GUARDS MANUFACTURED BY ELASLO OR EQUIVALENT AND SIZED AS NEEDED.
 10. CONTRACTOR SHALL COORDINATE WITH BRIDGE CRANE MANUFACTURER FOR ALL CONDUIT LOCATIONS AND TERMINATION PRIOR TO INSTALLATION.
 11. CONTRACTOR SHALL REVIEW AND COORDINATE ALL CONDUIT AND EQUIPMENT LOCATIONS WITH VARIOUS VENDORS PRIOR TO FINAL CONDUIT INSTALLATION.



LOWER ELEVATION
SCALE: 1/4" = 1'-0"

- LEGEND:**
- ABOVE GRADE CONDUIT
 - - - - - BELOW GRADE CONDUIT
 - EXPLOSION PROOF SEALING FITTING
 - ⊗ COMBINATION STARTER
 - ⊘ FUSED DISCONNECT
 - NON-FUSED DISCONNECT

APPROVED: Richard A. Alaimo PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 13195	REVISIONS DATE BY	 RICHARD A. ALAIMO ENGINEERING COMPANY Consulting Engineers NJDCA 24GA27988800 200 HIGH STREET MOUNT HOLLY, N.J. 2 MARKET STREET PATERSON, N.J.	CLIENT: WOODBRIAGE TOWNSHIP	DATE: APRIL 2017	SHEET E3
	GRIT CHAMBER ELECTRICAL PLAN		PROJECT LOCATION: WOODBRIAGE TOWNSHIP MIDDLESEX COUNTY NEW JERSEY	PROJECT NO.: B-0726-0023-000	DRAWN BY: JRN