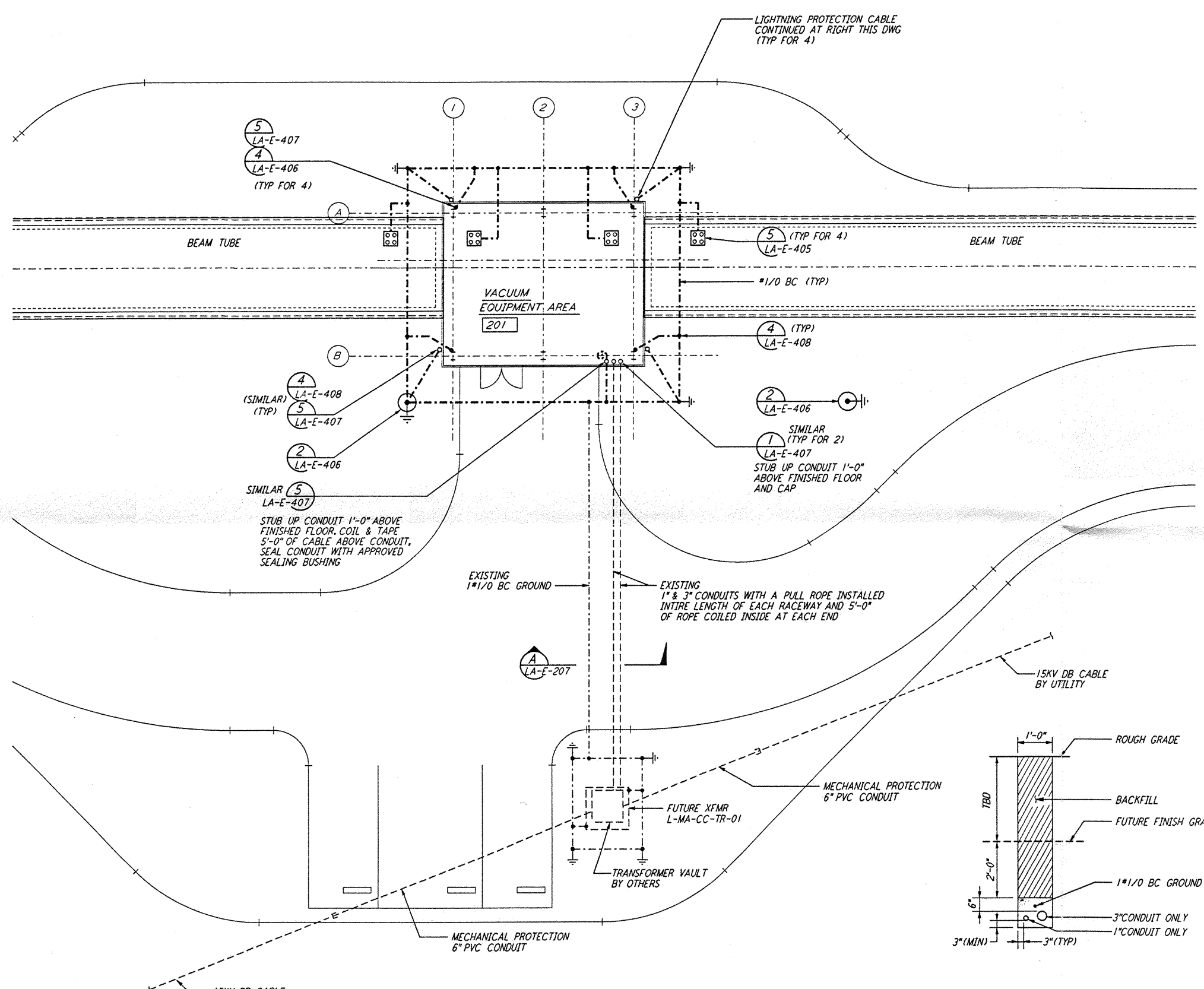
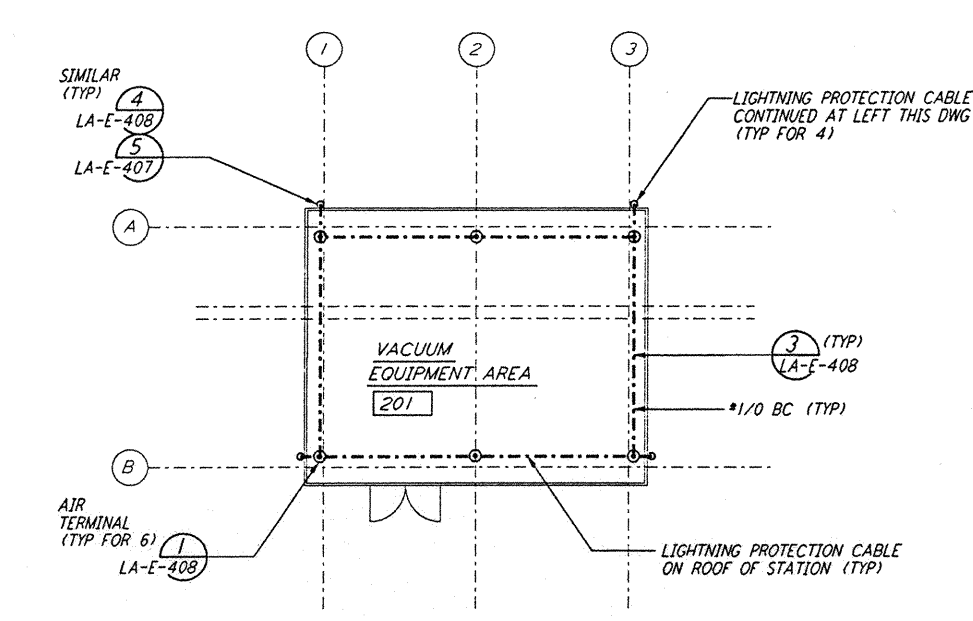


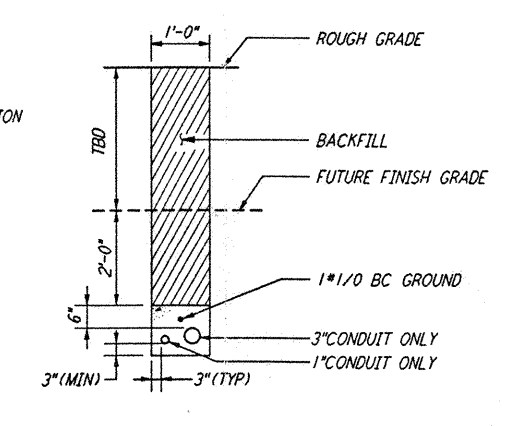
- NOTES:**
- FOR GENERAL NOTES SEE DWG. LA-E-103.
  - CONNECT GROUNDING CONDUCTOR TO REBAR AT BOTTOM OF FOUNDATION. REBAR SHALL BE AT LEAST 20 FEET LONG AND 1/2" DIAMETER.
  - SEE CIVIL DRAWING LA-C-021 FOR ACTUAL LOCATION OF TRANSFORMER.
  - SEE SPECIFICATION SECTION 16670 FOR LIGHTNING PROTECTION MATERIAL.
  - GROUND CONNECTION TO STRUCTURAL STEEL SHALL BE EXOTHERMIC WELD TYPE, AND APPROPRIATE FOR THE CABLE AND STRUCTURAL STEEL.



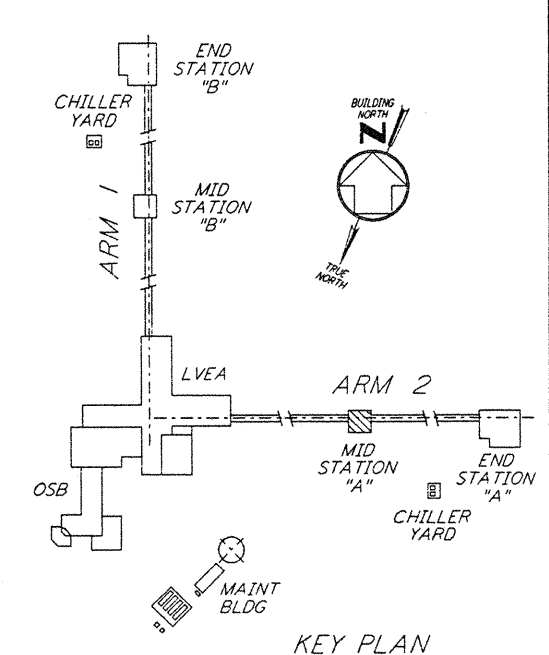
**GROUNDING & UNDERGROUND PLAN**



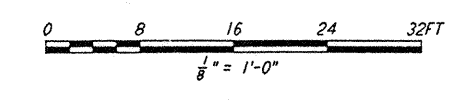
**LIGHTNING PROTECTION PLAN**



**SECTION**  
 NTS EXISTING DUCTBANK (A) REF LA-E-207



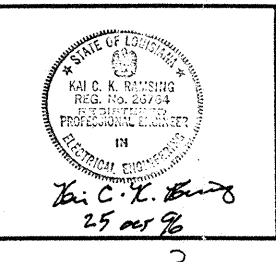
**KEY PLAN**



This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	
DRAWN	M. M. 11-15-96
CHECKED	JCL 7-24-96
ENGINEER	KCL 10-25-96
PROJ	2000 11/15/96



**PARSONS**  
 100 WEST WALNUT STREET  
 PASADENA, CALIFORNIA

**LIGO**  
 CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
 GRAVITATIONAL-WAVE OBSERVATORY  
 SITE NO. 2 - LIVINGSTON, LOUISIANA

**ELECTRICAL  
 MID STATION A  
 GROUNDING &  
 UNDERGROUND PLAN**

SCALE: AS NOTED  
 CONTRACT NUMBER: PPI50969  
 PRODUCT NUMBER: 8094

**LA-E-207**