

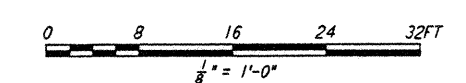
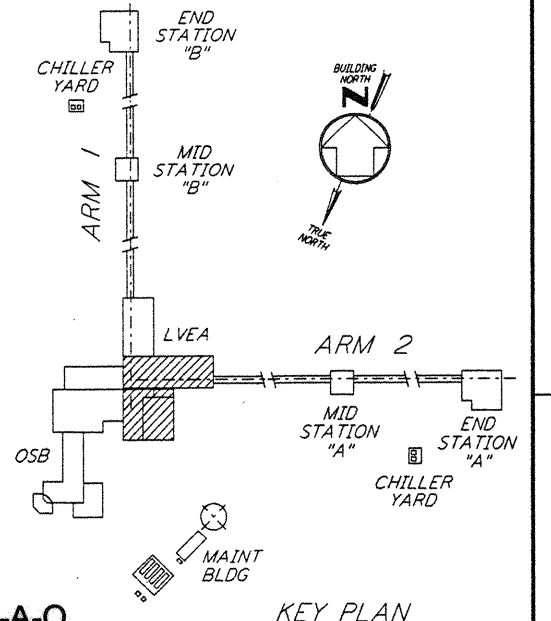
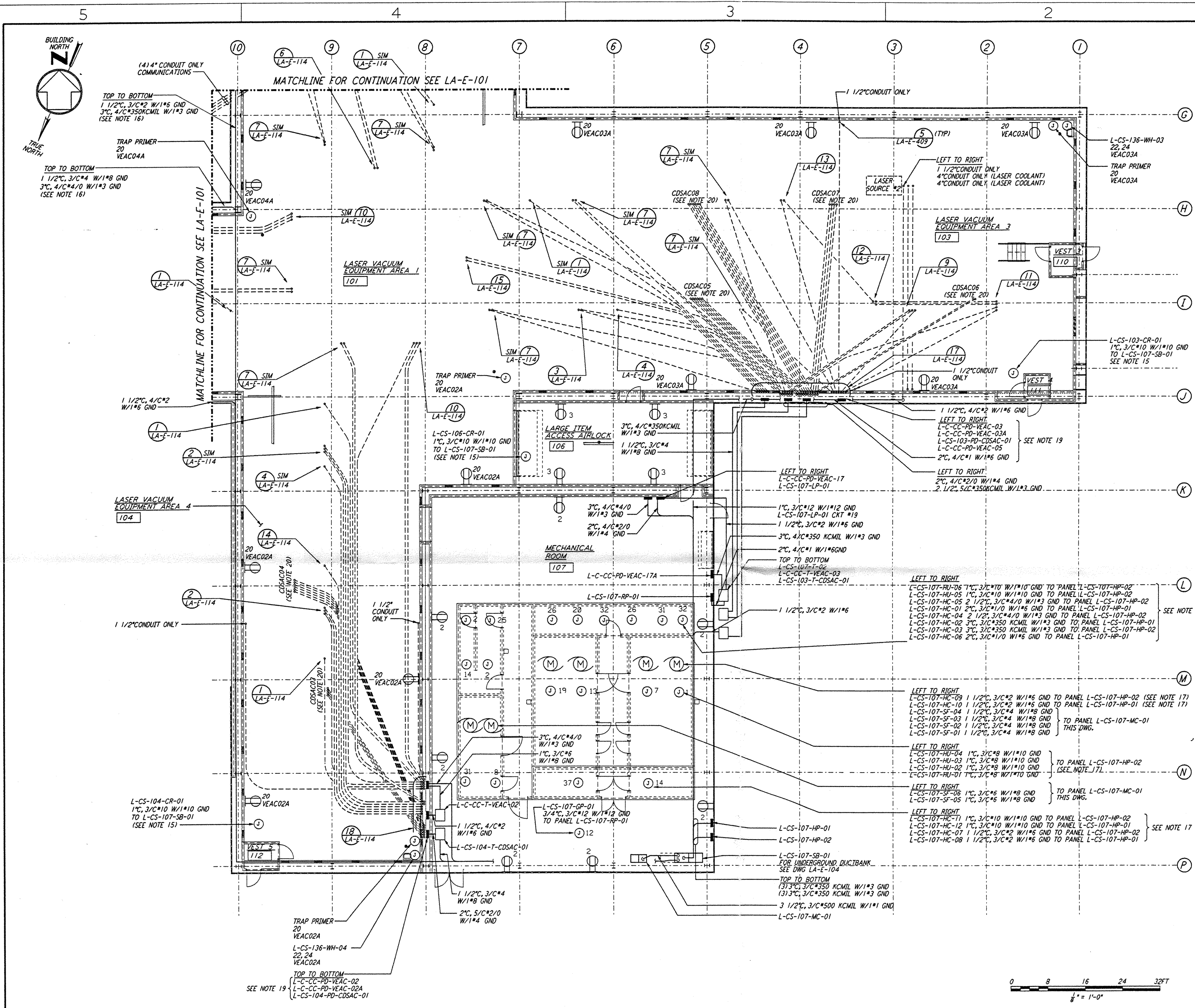
**GENERAL NOTES:**

- FOR SYMBOLS SEE DWG. LA-E-002.
- FOR ABBREVIATIONS SEE DWG. LA-E-001.
- FOR RECEPTACLE PANEL SCHEDULE SEE DWG. LA-E-007.
- FOR RECEPTACLE PANEL SCHEDULE SEE DWG. LA-E-117 THRU 121.
- ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY ONLY. FIELD SHALL COORDINATE PRIOR TO INSTALLATION TO AVOID CONFLICT.
- WIRES FOR RECEPTACLE CIRCUITS SHALL BE 2/C\*12 W/1\*12 GND THIN TRAY CABLE IN CONDUIT.
- ALL 120V 1Ø CIRCUITS TO RECEPTACLES SHALL HAVE INDIVIDUAL NEUTRALS. (NO COMMON NEUTRALS).
- EACH THREE PHASE CIRCUIT SHALL HAVE DEDICATED COMMON NEUTRAL AND GROUND.
- ALL RECEPTACLE INSTALLED IN GYPSUM BOARD SHALL BE FLUSH MOUNTED WITH CONCEALED CONDUIT DROP FROM CEILING.
- UNLESS OTHERWISE INDICATED RECEPTACLES ELEVATION SHALL BE 18" FROM FINISH FLOOR.
- NOT USED
- ALL FITTING SHALL BE 1/2" TO ALLOW SPACE FOR SPLICING (PER N.E.C. ART 370-16) FIELD SHALL FURNISH ALL REQUIRED REDUCERS.
- CONDUITS SHALL BE SUPPORTED AT INTERVALS OF 10'-0" MAX.
- FOR STANDARD INSTALLATION DETAILS SEE DWG. LA-E-401 TO 409.
- CIRCUITS FOR CRANES ARE FROM PANEL L-CS-107-SB-01 AND SHALL TERMINATE IN A 4ØV, 3ØAMP, 3 POLE DISCONNECT SWITCH EACH. LOCATION OF DISCONNECT SWITCH SHALL BE AT 54" M.H.
- ROUTE CONDUIT WITHIN WALLS AND ABOVE CRANE.
- ALL CIRCUIT IDENTIFICATIONS AS SHOWN FEEDING THESE DEVICES/LOADS REFERENCE ONLY THE FIRST CIRCUIT/SLOT NUMBERS.
- ALL 120V 1Ø DUPLEX RECEPTACLE CIRCUIT SHOWN IN ROOMS 106 & 107 ARE FROM L-CS-107-RP-01.
- ALL PANELS INDICATED SHALL BE FLUSH MOUNTED ON LVEA WALL. PANELS ARE SHOWN WITHIN WALL SPACE FOR DRAWING CLARITY ONLY.
- ALL CDSAC CONDUIT EMBEDDED WITHIN AND BELOW LVEA FLOOR SLABS SHALL BE 2" IN SIZE AND SPACED ON 4" CENTERS AT STUB-UPS.

**LEGEND:**

22,24  
 VEAC04A = CIRCUIT NUMBER 22,24 PANEL L-C-CC-PD-VEAC-04A

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LIGO-D961002-A-0

NO.	DATE	BY	CHKD	ENGR	PRGJ	DESCRIPTION
A	6-14-96	JCL	HL	TDM		FINAL DESIGN REVIEW

DRAWN	M. M.
CHECKED	
ENGINEER	
PROJ	

DRAWING NO.	DESCRIPTION
5	
4	
3	
2	
1	

**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

TITLE: ELECTRICAL CORNER STATION LVEA AREAS 101, 103, 104 RECEPTACLE & POWER PLAN

SCALE: AS NOTED CONTRACT NUMBER: PP150969 PROJECT NUMBER: 8094

SHEET NUMBER: **LA-E-100**