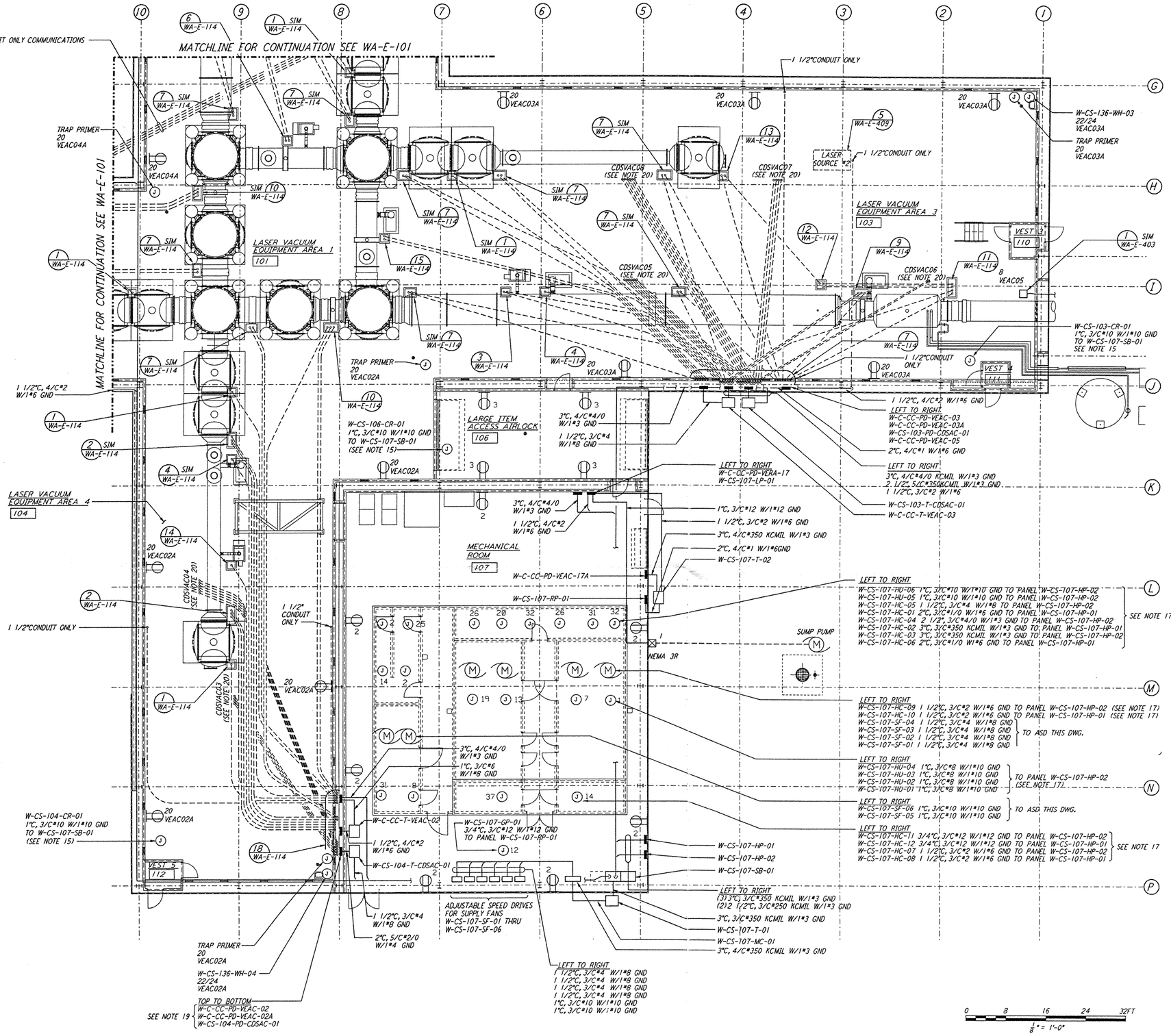
DESIGN FILE: I:\ligo\site\ee\wae100.d3z

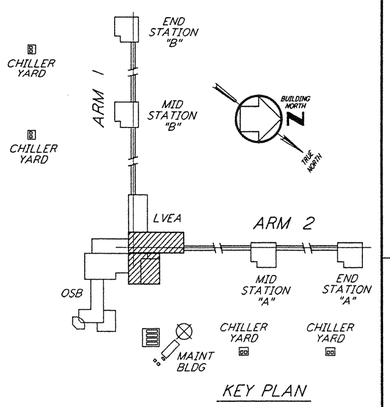


GENERAL NOTES:

1. FOR SYMBOLS SEE DWG. WA-E-002.
2. FOR ABBREVATIONS SEE DWG. WA-E-001.
3. FOR RECEPTACLE SCHEDULE SEE DWG. WA-E-007.
4. FOR RECEPTACLE PANEL SCHEDULE SEE DWG. WA-E-117 THRU 120.
5. ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY ONLY. FIELD SHALL COORINATE PRIOR TO INSTALLATION TO AVOID CONFLICT.
6. WIRES FOR RECEPTACLE CIRCUITS SHALL BE 2/C#12 W/1#12 GND THWN TRAY CABLE IN CONDUIT.
7. ALL 120V 1Ø CIRCUITS TO RECEPTACLES SHALL HAVE INDIVIDUAL NEUTRALS. (NO COMMON NEUTRALS).
8. EACH THREE PHASE CIRCUIT SHALL HAVE DEDICATED COMMON NEUTRAL AND GROUND.
9. ALL RECEPTACLE INSTALLED IN GYPSUM BOARD SHALL BE FLUSH MOUNTED WITH CONCEALED CONDUIT DROP FROM CEILING.
10. UNLESS OTHERWISE INDICATED RECEPTACLES ELEVATION SHALL BE 18" FROM FINISH FLOOR.
11. NOT USED
12. ALL FITTING SHALL BE 1 1/2" TO ALLOW SPACE FOR SPLICING (PER N.E.C. ART 370-16) FIELD SHALL FURNISH ALL REQUIRED REDUCERS.
13. CONDUITS SHALL BE SUPPORTED AT INTERVALS OF 10'-0" MAX.
14. FOR STANDARD INSTALLATION DETAILS SEE DWG. WA-E-401 TO 409.
15. CIRCUITS FOR CRANES ARE FROM PANEL W-CS-107-SB-01 AND SHALL TERMINATE IN A 480V, 30AMP, 3 POLE DISCONNECT SWITCH EACH. LOCATION OF DISCONNECT SWITCH SHALL BE AT 54" M.H.
16. ROUTE CONDUIT WITHIN WALLS AND ABOVE CRANE.
17. ALL CIRCUIT IDENTIFICATIONS AS SHOWN FEEDING THESE DEVICES/LOADS REFERENCE ONLY THE FIRST CIRCUIT/SLOT NUMBERS.
18. ALL 120V 1Ø DUPLEX RECEPTACLE CIRCUIT SHOWN IN ROOMS 106 & 107 ARE FROM W-CS-107-RP-01.
19. ALL PANELS INDICATED SHALL BE FLUSH MOUNTED ON LVEA WALL. PANELS ARE SHOWN WITHIN WALL SPACE FOR DRAWING CLARITY ONLY.
20. ALL CDSAC CONDUIT EMBEDED 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 W-C-CC-PD-VEAC-04A



KEY PLAN

REFERENCES		REVISIONS							
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
		A	04-19-96	J.G	JC	VR	TDM	FINAL DESIGN REVIEW

DRAWN	M. M.
CHECKED	
ENGINEER	
PROJ	

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

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

SCALE	CONTRACT NUMBER	PROJECT NUMBER
AS NOTED	PP150969	8094

SHEET NUMBER: WA-E-100 REVISIONS: A

LIGO-D960488-A-D

LIGOWAF3.BDR

08 Apr 96 16:35:11 PM