



FLOOR PLAN - LEVEL 1 - POWER & SIGNAL
SCALE: 1/8" = 1'-0"

NUMBERED SHEET NOTES

- DUPLEX OR DOUBLE DUPLEX RECEPTACLE AND ADJACENT TELEPHONE DATA OUTLET. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. SEE 'T' SERIES TELECOM PLANS FOR TELEPHONE DATA OUTLET. SEE 7/E7.01.
- PROVIDE AND INSTALL RECESSED CONCEALED SERVICE FLOOR OUTLET BOX, FLUSH WITH FINISHED CONCRETE SLAB. ALL CONDUIT TO FLOOR BOXES SHALL BE ROUTED CONCEALED IN CONCRETE FLOOR. COORDINATE FLOOR BOX LOCATIONS WITH ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO ROUGH-IN. SEE 11/E7.01.
- ELEVATOR FIRE SMOKE DOOR. CONNECT COMPLETE. VERIFY FULL REQUIREMENTS WITH EQUIPMENT APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN.
- HAND DRYERS. CONNECT COMPLETE AS REQUIRED BY APPROVED SHOP DRAWINGS.
- TELEPHONE/DATA TERMINAL BOARD, 3/4 INCH MARINE GRADE PLYWOOD (FIRE TREATED), INSTALLED THE FULL HEIGHT OF THE WALLS AND PAINTED. SEE SPECIFICATIONS.
- PROVIDE AND INSTALL ELECTRICAL CONNECTIONS TO TELE/DATA/AV RACKS. CONNECT COMPLETE. VERIFY LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN. SEE 'T' SERIES TELECOM PLANS.
- GROUND BUS CABINET. PROVIDE AND INSTALL A #4/0 INSULATED GROUND WIRE IN 1 INCH CONDUIT TO MAIN SWITCHBOARD MSB GROUND BUS. VERIFY LOCATION PRIOR TO ROUGH-IN. SEE 3/E7.01 & 'T' SERIES TELECOM PLANS.
- MOTORIZED SCREEN AND CONTROLS. INSTALL AND CONNECT COMPLETE. VERIFY EXACT LOCATION WITH ARCHITECT AND EXACT REQUIREMENTS WITH APPROVED VENDOR SHOP DRAWINGS PRIOR TO ROUGH-IN. SEE 'T' SERIES TELECOM PLANS.
- FOR FLAT PANEL DISPLAY. VERIFY LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN. SEE 'T' SERIES TELECOM PLANS.
- FOR PRE-WIRED FURNITURE SYSTEM POWER CONNECTION, PROVIDE AND INSTALL NEW BRANCH CIRCUIT HOMERUN TO PANEL AS NOTED: (1)#12 HOT, (2)#12 NEUTRAL, (1)#12 GROUND, AND (1)#12 ISOLATED GROUND IN 3/4 INCH CONDUIT. CONNECT COMPLETE. PROVIDE 1/4 INCH CONDUIT FOR TELE/DATA STUBBED UP TO AN ACCESSIBLE LOCATION ABOVE CEILING. SEE 'T' SERIES PLANS FOR TELEPHONE/DATA REQUIREMENTS. VERIFY EXACT REQUIREMENTS WITH APPROVED VENDOR SUBMITTALS. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. FOR WALL MOUNTED FURNITURE FEEDS, SEE DETAIL 8/E7.02. FOR FLOOR MOUNTED FURNITURE FEEDS, SEE 2/E7.02.
- PER NEC 210.7, THE FOUR (4) 120V CIRCUITS AT EACH FURNITURE SYSTEM POWER JUNCTION BOX MUST BE SIMULTANEOUSLY DISCONNECTED BY HANDLE TIEING TOGETHER THE FOUR (4) ONE POLE BREAKERS AT THE PANEL. PROVIDE AND INSTALL LABEL ON JUNCTION BOX COVERPLATE INDICATING THE PANEL AND CONNECTED CIRCUIT NUMBERS. SEE DETAIL 9/E7.02.
- FOR PRE-WIRED FURNITURE SYSTEM POWER CONNECTION, ROUTE ONE BRANCH CIRCUIT HOMERUN VIA LIGHTING CONTROL PANEL TO PROVIDE A CONTROLLED RECEPTACLE CIRCUIT. CONTROLLED RECEPTACLE CIRCUIT TO BE CONNECTED TO ONE RECEPTACLE MINIMUM AT EACH WORKSTATION. PROVIDE LABEL FOR EACH CONTROLLED RECEPTACLE. SEE 9/E7.02.
- AUTOMATIC DOOR WITH INTERIOR AND EXTERIOR CONTROLLERS. CONNECT COMPLETE. VERIFY REQUIREMENTS WITH EQUIPMENT APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL DEDICATED 20A 120V CIRCUIT FOR ELEVATOR PIT LIGHT, SWITCH AND GFCI RECEPTACLE (ALL NEMA 4 RATED). PROVIDE AND INSTALL DEDICATED 20A 120V CIRCUIT FOR ELEVATOR PIT GFCI RECEPTACLE (NEMA 4 RATED) FOR SUMP PUMP. VERIFY EXACT REQUIREMENTS WITH APPROVED ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN. SEE 1/E7.02.
- ALL EXTERIOR RECEPTACLES SHALL BE GFI WITH LOCKABLE THIN PROFILE WEATHERPROOF 'IN-USE' COVERPLATES. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL FLUSH MOUNTED 50AMP, 208VOLT RECEPTACLE FOR THE COFFEE CART. COORDINATE LOCATION PRIOR TO ROUGH-IN.
- PROVIDE RECEPTACLE TO RECESSED HYDRATION STATION.
- INSTALL IN CASEWORK, SEE 3/E7.02.
- PROVIDE AND INSTALL POWER CIRCUIT TO OVERHEAD WIRE MESH SECURITY CURTAIN. COORDINATE REQUIREMENTS PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL SPECIAL RECEPTACLE (30A, 250V, TWISTLOCK, NEMA #6-30R) ABOVE TELECOM RACKS #1, 3, & 6. COORDINATE WITH TELECOM CONSULTANT PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL BRANCH CIRCUIT SURGE PROTECTION.
- PROVIDE AND INSTALL (4)#14 STRANDED IN 3/4" CONDUIT FROM CONTROL PANEL TO EACH OPERATOR, COORDINATE WITH VENDOR.
- PROVIDE AND INSTALL FLOOR BOX FOR TYPE F1-500P-6.

GENERAL SHEET NOTES

- DEDICATED NEUTRALS REQUIRED FOR ALL BRANCH CIRCUITS.
- ELECTRICAL DEVICES ON FIRE-RATED WALLS TO BE INSTALLED 24" APART MINIMUM.
- SEE MECHANICAL AND PLUMBING PLANS AND SPECIFICATIONS FOR ADDITIONAL ELECTRICAL SCOPE OF WORK.
- SEE TELECOM & AUDIO-VISUAL CONSULTANT'S PLANS AND SPECIFICATIONS FOR ADDITIONAL ELECTRICAL SCOPE OF WORK.
- CONTROLLED RECEPTACLE MUST BE INSTALLED WITHIN 6 FEET (ALONG WALL LENGTH) OF UNCONTROLLED RECEPTACLE.
- ALL ELECTRICAL EQUIPMENT EXPOSED TO THE WEATHER SHALL BE LISTED FOR EXTERIOR USE.
- ALL EXTERIOR CONDUITS SHALL BE RIGID GALVANIZED STEEL WITH WATERTIGHT FITTINGS.
- ALL EXTERIOR CONDUITS SHALL BE RIGID GALVANIZED STEEL WITH WATERTIGHT FITTINGS.
- PROVIDE PANEL & CIRCUIT DESIGNATION LABELS FOR ALL RECEPTACLES & DISCONNECTS ON PROJECT.

NOTE:
SEE 'T' DRAWINGS FOR DATA AND AV
CONDUIT REQUIREMENTS TO FLOOR BOXES
AND POKE-THRU'S, TYPICAL THIS PROJECT.

APPROVALS

NOLL & TAM
ARCHITECTS

729 Heinz Avenue
Berkeley, CA 94710
tel 510.542.2200
fax 510.542.2201

CAVAGNERO
MARK CAVAGNERO ASSOCIATES ARCHITECTS
1045 Serrano Street, Suite 200
San Francisco, California 94111
www.cavagnero.com

SEAL

P. [Signature]
REGISTERED PROFESSIONAL
ELECTRICAL ENGINEER
STATE OF CALIFORNIA
9227/0223

OMAHONY & MYER
REGISTERED PROFESSIONAL ENGINEERS OF ELECTRICAL ENGINEERS
450 REDWOOD HWY., SUITE 245
SAN RAFAEL, CALIFORNIA 94903
(415) 492-0820 FAX (415) 479-9602
www.comconconsulting.com

PROJECT TITLE

**Peralta Community College District
Laney Library & Learning Resource Center
(Building 100 Replacement)**

900 Fallon Street, Oakland, CA 94607

ISSUE FOR BID

ISSUE DATE	3/31/23
REV. NO. NUMBER	21942
REVISIONS	
DATE	DESCRIPTION
05/16/2024	ADDENDUM NO. 03

DRAWN BY: [] CHECKED BY: []

SHEET TITLE

FLOOR PLAN - LEVEL 1 - POWER & SIGNAL

SHEET NUMBER