GENERAL NOTES

1. SUBMITTALS WILL BE REVIEWED BY THE ELECTRICAL ENGINEER, IF AT ALL, ONLY PURSUANT TO THE INDUSTRY STANDARDS SET FORTH IN AIA DOCUMENT A201, ENGINEER, IF AT ALL, ONLY PURSUANT TO THE INDUSTRY STANDARDS SET FORTH IN AIA DOCUMENT A201.

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22. GROUNDING SHALL BE EXECUTED IN ACCORDANCE WITH THE ELECTRICAL CODE AND LOCAL CODES, AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ELECTRICIAN IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.

23. VERIFY THAT THE INDICATIONS ARE AVAILABLE IN THE ELECTRICAL WORK. PATCHING OF THE ELECTRICAL WORK, EVEN REQUIREMENTS TO OBTAIN THIS INFORMATION.

24. INSTALLATION OF THE ELECTRICAL WORK. PATCHING OF THE ELECTRICAL WORK, EVEN REQUIREMENTS TO OBTAIN THIS INFORMATION.

25. PROVIDE HANDLE TIES AT CIRCUIT BREAKERS TO ADDRESS HORIZONTAL SUPPORT REQUIREMENTS AS PER THE ELECTRICAL CODE AND LOCAL CODES.

26. THE ELECTRICAL SYSTEMS FUNCTIONALITY STANDARDS REQUIREME
FEEDER SCHEDULE

RIO HONDO COLLEGE
SEISMIC AND CODE UPGRADES
1775 HANCOCK ST, SUITE 120
SAN DIEGO, CA 92110
(619) 542-1188  542-1663 FAX

150 Paularino Avenue Suite A120
Costa Mesa, CA 92626
949.852.9995    949.852.1657 (fax)

14471 CHAMBERS RD, SUITE 210
TUSTIN, CA 92780
(714) 508-1780  508-1790 FAX

Engineering
Consulting Electrical Engineers
fbaengr.com

FBA Job Number:
223.015

Plot Date:
12/21/2015 10:48 AM

Plotted by:
Nick Bartholomew

Drawing Location:
I:\223\015\E002_223015.dwg

SCALE:
277/480V.3PH.4W SINGLE LINE DIAGRAM

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
BUILDING ELECTRICAL SERVICE GROUND BUS DETAIL

F

SURFACE MOUNTED PANELBOARD/Terminal Cabinet Anchorage - Stud Wall

C

EMERGENCY GENERATOR ANCHORAGE

G

USS-LH UNIT ANCHORAGE

A

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
NOT FOR CONSTRUCTION
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NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
ELECTRICAL DEMOLITION FOURTH FLOOR CEILING PLAN

SCALE: 1/8"=1'-0"

ELECTRICAL DEMOLITION FIFTH FLOOR CEILING PLAN

SCALE: 1/8"=1'-0"

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
FIFTH FLOOR LIGHTING PLAN

FOURTH FLOOR LIGHTING PLAN

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
PLAN NOTES
1. ALL DIMENSIONS ARE IN FEET.
2. DRAWN TRUE NORTH.
3. DRAWN AS PER PROJECT SITE PLAN.

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING

ROOF LEVEL LIGHTING PLAN
SCALE: 1/8"=1'-0"
RIO HONDO COLLEGE
SEISMIC AND CODE UPGRADES
3301 W. COLLEGE AVENUE, PICO RIVERA, CA 90660

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING

PLAN NOTES
1. ADD ELECTRICAL DISTRIBUTION ROOM AND PANEL BOARD
2. ADD ELECTRICAL DISTRIBUTION ROOM AND PANEL BOARD
3. ADD ELECTRICAL DISTRIBUTION ROOM AND PANEL BOARD
4. ADD ELECTRICAL DISTRIBUTION ROOM AND PANEL BOARD
5. ADD ELECTRICAL DISTRIBUTION ROOM AND PANEL BOARD

SCALE: 1/8"=1'-0"
NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
FIFTH FLOOR SIGNAL PLAN

FOURTH FLOOR SIGNAL PLAN

SCALE: 1/8"=1'-0"

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
ROOF LEVEL SIGNAL PLAN
SCALE: 1/8"=1'-0"
**Rated Stud Wall Fire Stop Detail**

- **Technique Ground Bus**

  - COPPER GROUND BUS
  - WALLS: 2-1/2 IN WIDE AND SPACED MAX 24 IN OC.
  - STEEL STUDS: NOM 30 IN DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER)
  - CONDUIT: 1/4" CONDUIT TO ACCESSIBLE CEILING SPACE UNLESS NOTED OTHERWISE
  - PROVIDE THREE (3) CAT6 CONNECTORS, ON FLUSH WALL MOUNTED OUTLET BOX, +18".
  - PROVIDE OUTLET BOX, DATA JACKS AND 1" CONDUIT TO ACCESSIBLE CEILING SPACE UNLESS NOTED OTHERWISE

  - TELEPHONE SYSTEM: 3/4" C. WITH ONE (1) TELEPHONE SYSTEM CABLE AS SPECIFIED

  - TELEVISION SYSTEM: 1" C. WITH TELEVISION SYSTEM CABLING AS SPECIFIED

  - A/V SYSTEM: PROVIDE 2" C. FROM MEDIA LINK CONTROLLER TO SWITCHER AT PROJECTOR

  - HANDSET AS SPECIFIED PER EACH VOICE OUTLET. "C" DESIGNATION INDICATES MOUNT OUTLET +6" ABOVE THE COUNTER SPLASH.

  - COMPUTER/VOICE OUTLET, WITH ONE (1) VOICE OUTLET CONNECTOR AND TWO (2) DATA OUTLET CONNECTORS, ON FLUSH WALL MOUNTED OUTLET BOX, +18"

  - PROVIDE OUTLET BOX, DATA JACKS AND 1 1/4" CONDUIT TO ACCESSIBLE CEILING SPACE

- **Cable Tray Anchorage Details**

  - PROVIDE OUTLET BOX, DATA JACKS AND 1 1/4" CONDUIT TO ACCESSIBLE CEILING SPACE

- **Two Post Rack Anchorage Details**

  - PROVIDE OUTLET BOX, DATA JACKS AND 1" CONDUIT TO ACCESSIBLE CEILING SPACE

**Not for Construction**

**DSA Approval is Pending**
NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING
FIRE ALARM BATTERY CALCULATIONS

FIRE ALARM RISER DIAGRAM

NOT FOR CONSTRUCTION
DSA APPROVAL IS PENDING