NOTE: RENDERING ABOVE REPRESENTS MODULAR AND SITE BUILT COMPONENTS. SITE BUILT COMPONENTS ARE NOT PART OF THIS CONTRACT AND ARE SHOWN FOR REFERENCE ONLY TO GIVE BIDDING PARTIES AN IMAGE OF HOW THEIR CONSTRUCTION WILL BE INTEGRATED INTO THE OVERALL CONSTRUCTION.

CONTRA COSTA COLLEGE
C-4001 CAMPUS SAFETY CENTER
2600 MISSION BELL DRIVE, SAN PABLO, CA 94806
01.22.2016
MODULAR BID PACKAGE
CAMPUS SAFETY CENTER

SECURED PARKING AREA (A.C. PAVING) - NIC
GOLF CAR PARKING / CHARGING AREA - NIC
CONCRETE WALK - NOT IN MODULAR CONTRACT
MECHANICAL EQUIPMENT AND CONCRETE PAD - IN MODULAR CONTRACT - COORDINATE WITH FENCE NOT IN CONTRACT
PEDESTRIAN ENTRY - FOR REFERENCE ONLY
CONCRETE WALK - NOT IN MODULAR CONTRACT
DRIVE AISLE (A.C. PAVING) - NIC
(E) TENNIS COURTS
SWING GATE - NIC (E) ORNAMENTAL IRON FENCE
CAMPUS DRIVE CURB CUT, ETC. - NOT IN MODULAR CONTRACT
CONC RAMP - NOT IN MODULAR CONTRACT
SWING GATE - NIC FENCE - NIC
(E) RUNNING TRACK (E) SERVICE DRIVE (A.C. PAVING)
VISITOR PARKING AREA (A.C. PAVING) - NIC

GENERAL NOTES
1. SEE SHEET A0.10M FOR CODE COMPLIANCE INFORMATION.
2. SEE SHEET A0.40M FOR ACCESS COMPLIANCE INFORMATION.
3. SOME SITE ELEMENTS ARE SHOWN FOR REFERENCE PURPOSES ONLY.
4. UNLESS OTHERWISE NOTED, SITEWORK IS OUTSIDE THE SCOPE OF THIS DOCUMENT.
5. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION ON PAVING.
6. MODULAR BUILDING MANUFACTURER IS RESPONSIBLE FOR SITE EXCAVATION REQUIRED TO SET MODULAR BUILDING COMPONENTS. COORDINATE REQUIREMENTS WITH SITE BUILT CONSTRUCTION REQUIREMENTS.
7. MODULAR BUILDING MANUFACTURER SHALL PROVIDE PERIMETER FOUNDATION VENTS, AS REQUIRED. PROVIDE NON-REMOVABLE STEEL GRATE COVERS.
8. FENCES, GATES, ETC. ARE OUTSIDE THE SCOPE OF THE MODULAR BUILDING CONTRACT AND ARE SHOWN FOR REFERENCE PURPOSES ONLY.
9. STUB ALL UTILITIES, INCLUDING BUT NOT LIMITED TO DOMESTIC WATER, SANITARY SEWER, STORMWATER, ELECTRICAL, ETC. 5'-0" MINIMUM FROM BUILDING FACE. COORDINATE POINTS OF CONNECTION WITH SITE BUILT CONTRACTOR. PROVIDE POINTS OF CONNECTION IN CONCRETE CHRISTY BOX OF ADEQUATE SIZE TO ACCOMMODATE CONNECTIONS, SHUTOFFS, ETC. SEE MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

LEGEND:
MODULAR BUILDING UNDER THIS SCOPE
BUILDING NOT IN MODULAR SCOPE
SPLIT SYSTEM OUTDOOR UNIT - SEE MECHANICAL
VRF SYSTEM OUTDOOR UNIT - SEE MECHANICAL
ROCK LINED SWALE - NOT IN MODULAR SCOPE
CONCRETE PAVING IN SCOPE

ENLARGED SITE PLAN - MODULAR
PROJECT NO: MOD-3000
DATE: 01/22/2015
SHEET NO: A1.01M
CONTRA COSTA COLLEGE
C-4001 CAMPUS SECURITY CENTER
2500 MISSION HILL DRIVE, DAN PABLO, CA. 94508
01.22.2015
08-31-15
NOTES ON SHEET A0.40M
GENERAL NOTES
1. CONSTRUCTION CONSISTS OF TWO COMPONENTS:
   A. MODULAR BUILDINGS
   B. SITE BUILT CONSTRUCTION
2. SCOPE OF WORK IN THIS SET OF DOCUMENTS IS FOR MODULAR BUILDING COMPONENTS ONLY.
3. MODULAR BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATION WITH ARCHITECT AND ARCHITECT'S CONSULTANTS FOR INTERFACE OF ALL BUILDING SYSTEMS, INCLUDING BUT NOT LIMITED TO STRUCTURAL, MECHANICAL, WEATHERPROOFING, ETC.
4. SITE BUILT COMPONENT WILL REQUIRE PENETRATION THROUGH MODULAR BUILDING COMPONENT ROOF AND FLOOR SYSTEM. MODULAR BUILDING MANUFACTURER SHALL ACCOUNT FOR COORDINATION REQUIRED.
5. SITE BUILT ROOF HIDDEN IN THIS VIEW FOR CLARITY.
6. ROOF STRUCTURE INDICATED IS FLAT WITH TAPERED INSULATION CREATING THE SLOPE. MODULAR MANUFACTURER MAY SUGGEST ALTERNATE FOR SLOPED STRUCTURE. ALTERNATE MUST BE CLEARLY IDENTIFIED IN BID PROPOSAL.

ROOFING KEYNOTE LEGEND
1. MANUFACTURER'S STANDARD DOOR CANOPY
2. SINGLE PLY MEMBRANE ROOFING SYSTEM O/TAPERED RIGID INSULATION (4" MIN THICKNESS)
3. ROOF DRAIN AND OVER FLOW
4. NOT USED
5. ROOFING CRICKET
6. PARAPET CAP
7. ALUMINUM SUNSHADE
8. AREA UNDER SITE-BUILT ROOF - EXPOSED METAL DECK

CONTRA COSTA COLLEGE
C-4001 CAMPUS SAFETY CENTER
2600 MISSION BELL DRIVE, SAN PABLO, CA 94806

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT AND ENGINEER.

COPYRIGHT © 2015. ALL RIGHTS RESERVED.
GENERAL NOTES

1. DRAWING OF ARCHITECTURAL DETAILS SHOULD BE MATERIAL SPECIFICATION.
2. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.
3. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.
4. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.
5. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.
6. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.
7. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.
8. DRAWING OF BUILDING DETAILS, DIMENSIONS, AND CONSTRUCTION DETAILS SHOULD BE MATERIAL SPECIFICATION.

INTERIOR MATERIALS LEGEND

1. INTERIOR MATERIALS LEGEND
2. INTERIOR MATERIALS LEGEND
3. INTERIOR MATERIALS LEGEND
4. INTERIOR MATERIALS LEGEND
5. INTERIOR MATERIALS LEGEND
6. INTERIOR MATERIALS LEGEND
7. INTERIOR MATERIALS LEGEND
8. INTERIOR MATERIALS LEGEND

INTERIOR PAINT ACCENT COLOR

9. INTERIOR PAINT ACCENT COLOR
10. INTERIOR PAINT ACCENT COLOR
11. INTERIOR PAINT ACCENT COLOR
12. INTERIOR PAINT ACCENT COLOR
13. INTERIOR PAINT ACCENT COLOR
14. INTERIOR PAINT ACCENT COLOR
15. INTERIOR PAINT ACCENT COLOR
16. INTERIOR PAINT ACCENT COLOR

INTERIOR PAINT

17. INTERIOR PAINT
18. INTERIOR PAINT
19. INTERIOR PAINT
20. INTERIOR PAINT
21. INTERIOR PAINT
22. INTERIOR PAINT
23. INTERIOR PAINT
24. INTERIOR PAINT

CONTRA COSTA COLLEGE

C-4001 CAMPUS SAFETY CENTER

250 Mission Bell Drive, San Pablo, CA 94806

NOT IN SCOPE

Site Built Construction

Modular Buildings

Site Built Component Will Require Penetration Through Modular Sealed Concrete Unless Otherwise Noted, Locate Doors 6" From Nearest Wall

See Finish Plan Keynotes

Patcraft

Dal-Tile

Dal-Tile

Marlite

5.8

To Be Selected by Architect

To Be Selected by Architect

Fls

WP1

3.4

Construction Consists of Two Components:

1. Site Built Construction

2. Modular Construction

Component Only.

Modular Building Coordination Required With Site Built Component. Coordination May Not Be Limited To This Area. Modular Building Manufacturer Is Responsible For Coordination With Architect and Architect's Consultants For Weatherproofing, Etc.

Building Roof and Floor System. Modular Building Manufacturer Provided Under Site-Built Construction Contract.

SURFACE CLOSER
SAME AS 'A' WITH LCN
626
EA
SS
VON DUPRIN
PER DETAIL
IVES
A
5BB1HW 4.5x4.5 NRP
EPT10
5050CL
EA
STD IC CORE
FIRE RATED DOOR FRAMES SHALL BE INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS. (NFPA 80.)
"LABEL" SHALL MEAN "FIRE ASSEMBLY" AS DEFINED IN 2013 CBC SECTION 716.5.
PS914 900-2RS
EA
H9
WS407CCV
EA
FULL VISION
CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND CL3120
689
626
STD IC CORE
LCN
CL
THRESHOLD
STD IC CORE
EA
EA
EA
630
626
WALL STOP
DOOR SWEEP
628
LATCH GUARD
IVES
SIM
K3
FLS
5BB1HW 4.5x4.5 NRP
ALL SEALANTS USED AT WINDOWS SHALL BE
B
IVES
EA
EA
SEALS
689
689
630
HINGES
EA
SET
EXIT ACCESS DOORS SHALL BE MARKED WITH AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. EXIT SIGNS ARE NOT REQUIRED IN ROOMS OR AREAS
HALF LOUVER
626
NGP
LGR
EA
EA
IVES
WS407CCV
626
SECURITY VISION
CORBIN-RUSSWIN
DETAIL PROVIDED AS A MINIMUM STANDARD. MODULAR BUILDING
SET
CORBIN-RUSSWIN
5050CL
626
ROOMS NOTED AS INCIDENTAL USE AREAS SHALL HAVE DOORS THAT ARE SELF-CLOSING OR AUTOMATIC-CLOSING UPON DETECTION OF SMOKE. DOORS SHALL NOT HAVE AIR TRANSFER
WS407CCV
K11
BY ACCESS CONTROL SUPPLIER
FOR USE IN INTERIOR NON-LOAD BEARING WALLS ONLY.
626
652
DETAIL PROVIDED AS A MINIMUM STANDARD. MODULAR BUILDING
K1
CORBIN-RUSSWIN
PUSH/PULL
GENERAL NOTES:

1. GENERAL NOTES TO APPL Y TO ALL CONTRACTS.
2. SHEET ON FILE AT OFFICE OF STATE ARCHITECT.
3. SHEET IS PART OF SET OF DRAWINGS FOR MODULAR BUILDING.
4. SHEET IS AVAILABLE FOR REVIEW ONLY.
5. SHEET IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT AND ENGINEER.

GENERAL NOTES TO APPL Y TO ALL CONTRACTS:

1. SHEET ON FILE AT OFFICE OF STATE ARCHITECT.
2. SHEET IS PART OF SET OF DRAWINGS FOR MODULAR BUILDING.
3. SHEET IS AVAILABLE FOR REVIEW ONLY.
4. SHEET IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT AND ENGINEER.

GENERAL NOTES:

1. GENERAL NOTES TO APPL Y TO ALL CONTRACTS.
2. SHEET ON FILE AT OFFICE OF STATE ARCHITECT.
3. SHEET IS PART OF SET OF DRAWINGS FOR MODULAR BUILDING.
4. SHEET IS AVAILABLE FOR REVIEW ONLY.
5. SHEET IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT AND ENGINEER.

GENERAL NOTES:

1. GENERAL NOTES TO APPL Y TO ALL CONTRACTS.
2. SHEET ON FILE AT OFFICE OF STATE ARCHITECT.
3. SHEET IS PART OF SET OF DRAWINGS FOR MODULAR BUILDING.
4. SHEET IS AVAILABLE FOR REVIEW ONLY.
5. SHEET IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT AND ENGINEER.

GENERAL NOTES:

1. GENERAL NOTES TO APPL Y TO ALL CONTRACTS.
2. SHEET ON FILE AT OFFICE OF STATE ARCHITECT.
3. SHEET IS PART OF SET OF DRAWINGS FOR MODULAR BUILDING.
4. SHEET IS AVAILABLE FOR REVIEW ONLY.
5. SHEET IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT AND ENGINEER.
The basis of design shown in building sections is concrete filled metal site built construction.

The site built component is designed to be structurally independent.

Scope of work in this set of documents is for modular building.

The modular building manufacturer is responsible for the design and coordination.

Construction consists of two components: modular building and site built construction.

The project will ultimately go through the Division of the State Modular Buildings.

The general notes include:
1. Components only.
2. With architect and architect's consultants for interface of all building systems, including but not limited to civil, structural, mechanical, electrical, fire alarm, weatherproofing, etc.
3. The modular roof and floor system. The modular building manufacturer shall account for the coordination required.
5. T.O. modular parapet framing system over crawl space. Slab-on-grade construction is also acceptable. The manufacturer shall submit the proposed floor system to the architect and district for approval prior to submitting the bid. Provide rat slab at crawl space with area 12' - 6" drains stubbed to 5' from building for site contractor's connection to storm drainage system.
6. Alum sunshade supporting modular building components. The modular building manufacturer shall coordinate the installation and design of foundation systems for site built elements.
7. While the modular manufacturer is not responsible for the installation of movement joints, coordination of the intersection of modular components with the design team is part of the scope.
8. While not required, PC drawings for modular building components are preferred to facilitate review.
9. Coordination of interface of the modular structure with the site built structures are not part of the modular contract.
10. While modular manufacturer is not responsible for installation of movement joints, coordination of the intersection of modular components with the design team to develop intersection details is part of the scope.
NOTE: ELECTRICAL BOXES ON OPPOSITE SIDES OF WALL SHOULD BE OFFSET FROM EACH OTHER A MINIMUM OF 24".

NOTE: WHERE FACE LAYER OF (2) LAYERS 5/8" GYPSUM BOARD GYPSUM BOARD OF THIS WALL 3/8" BULLET RESISTANT 5/8" DENSSHIELD DOES NOT ALIGN WITH THE GYPSUMBOARD FINISH OF AN ADJACENT WALL TYPE, ADDITIONAL LAYER(S) OF GYPSUM BOARD SHALL BE ADDED... LAYER(S) SHALL CONTINUE UNTIL THE SURFACE IS INTERRUPTED BY AN INTERSECTING WALL, COLUMN, OR OTHER NATURAL TRANSITION POINT.

5/8" HIGH IMPACT GYP BD

FIBERGLASS PANEL PROTECTION LEVEL 2

1/2" MAT FACED GYP BOARD

5/8" GYPSUM BOARD

6" X 20GA METAL

3 5/8" x 20GA METAL STUDS @ 16" O.C. (MAX)

STUDS @ 16" O.C.

6" x 20 GA METAL STUDS

ACOUSTIC BATT INSULATION

5/8" GYP

5/8" GYP (1 SIDE)

FIRE RATING: NA.

GA FILE NO.:  NA

ACOUSTICAL RATING: NA

PENETRATIONS: ACOUST. SEAL

3 5/8" MTL IMPACT GYP-FRP / GYP

6" MTL / GYP EA SIDE

3-5/8" MTL GYP / VENEER

3" = 1'-0"

3" = 1'-0"

3" = 1'-0"

FILE NO.7-C1

ARCHITECT

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

OFFICE OF REGULATION SERVICES

LICENSED

TROY PENNINGTON
C-31285

STATE RENEWAL

ARCHITECT'S STAMP APPROVAL

FOR THE PURPOSES OF REVIEW, BIDDING OR CONSTRUCTION OF THE PROJECT LISTED IN THE JOB TITLE BOX ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE OR RELEASED TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF LPAS, INC. INFORMATION CONTAINED HEREIN IS AN RIGHT S RESERVED COPYRIGHT © 2015.

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE

ARCHITECT AND ENGINEER.

6" MTL W/ PLASTER W/1"RIGID

3-5/8" MTL / VENEER 1 SIDE

PROJECT NO: 985-0008

DATE: 01.22.2016

FILE: 5/31/2016 2:00:03 PM

ARCHITECT'S STAMP APPROVAL

CONSULTANT

6910 5 31112 87 4 21

PACKAGE

MODULAR BID

A9.00M
A. Place sets of bracing wires not more than 12 ft. x 12 ft. on center.

B. Bracing wires to be attached maximum of 45 degrees to the plane of the structure.

C. Bracing wires to be taut and tied at both ends with three tight wraps within 1 1/2".

D. Splay brace wires to be attached maximum of 1/8" = 1'-0".

E. A horizontal force equal to the weight of the fixtures. All light fixtures must have slack safety wires at each corner.

F. Support surface mounted light fixtures by at least two positive supports when light fixtures are 8 ft. or longer.

G. Support pendant mounted light fixtures directly from the main runner or cross runner.

H. Support pendant mounted light fixtures from the main runner or cross runner.

I. Support surface mounted light fixtures directly from the main runner or cross runner.

J. Support pendant mounted light fixtures from the main runner or cross runner.

K. Support surface mounted light fixtures directly from the main runner or cross runner.

L. Support pendant mounted light fixtures from the main runner or cross runner.
ABBRIVATIONS

1. ELECTRICAL
2. MECHANICAL
3. GENERAL
4. CONSTRUCTION
5. COORDINATION
6. CONTRACTOR
7. SUBCONTRACTOR
8. MANUFACTURER
9. CONSULTANT
10. ARCHITECT

GENERAL NOTES
A. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND ALLOW FOR THE CONSTRUCTION OF THE PROJECT TO PROCEED AS PLANNED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BEGINNING WORK TO ENSURE THAT ALL REQUIREMENTS HAVE BEEN MET IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
B. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND ALLOW FOR THE CONSTRUCTION OF THE PROJECT TO PROCEED AS PLANNED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BEGINNING WORK TO ENSURE THAT ALL REQUIREMENTS HAVE BEEN MET IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

CODES AND STANDARDS
1. 2010 CALIFORNIA BUILDING CODE (PART 2, TITLE 24, CCR)
2. 2010 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
3. 2010 CALIFORNIA MECHANICAL CODE (PART 2, TITLE 24, CCR)
4. 2010 CALIFORNIA FIRE CODE (PART 3, TITLE 24, CCR)
5. 2010 CALIFORNIA ELECTRICAL CODE (PART 2, TITLE 24, CCR)
6. 2010 CALIFORNIA MECHANICAL CODE (PART 2, TITLE 24, CCR)
7. GENERAL NOTES

LIGHTING ACCEPTANCE CERTIFICATE
BEFORE LIGHTING ACCEPTANCE IS GIVEN, A MINIMUM OF 30 DAYS FROM THE DATE OF COMPLETION OF EVERY TRADE'S WORK IS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO THE ACCEPTANCE OF THE LIGHTING SYSTEM AND SHALL PROVIDE ALL REQUIRED SUBMITTALS AND DOCUMENTATION FOR ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL LIGHTING FIXTURES AND EQUIPMENT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL LIGHTING FIXTURES AND EQUIPMENT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

DRAWING INDEX
E0.01 GENERAL INFORMATION ELECTRICAL
E0.01 FLOOR PLAN - LIGHTING
E0.01 FLOOR PLAN - POWERS
E0.01 SCHEDULES

CONSULTANT
CCE Canyon Consulting Engineers, Inc.
3417 Campus Drive Suite 201
Pittsburg, CA 94565
925.432.4300
www.ccenet.com

GENERAL INFORMATION ELECTRICAL
GENERAL NOTES

A. REFER TO ARCHITECTS PAINTING SECTION FOR EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST SIZE FUSES FOR ALL MECHANICAL AND PLUMBING EQUIPMENT WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

B. REFER TO ARCHITECTS PAINTING SECTION FOR CONCEALED, UNLESS OTHERWISE NOTED. PAINT ALL IN FINISHED INTERIOR AREAS, RUN ALL CONDUITS IN CONCRETE OR OTHER MATERIALS MENTIONED IN ARCHITECT'S STAMP.

C. REFER TO RP-20-03 FOR LIGHTING STANDARDS, SPECIFICATIONS, INSTALLATION AND DOCUMENTATION.

D. REFER TO RP-20-07 FOR LIGHTING STRAP AND BRACKET SPECIFICATIONS, INSTALLATION AND DOCUMENTATION.

E. REFER TO RP-20-08 FOR LIGHTING HARDWARE SPECIFICATIONS, INSTALLATION AND DOCUMENTATION.

F. REFER TO RP-20-09 FOR LIGHTING FOSSIL SPECIFICATIONS, INSTALLATION AND DOCUMENTATION.

G. REFER TO RP-20-11 FOR LIGHTING WIRING SPECIFICATIONS, INSTALLATION AND DOCUMENTATION.

H. REFER TO RP-20-12 FOR LIGHTING WIRING SPECIFICATIONS, INSTALLATION AND DOCUMENTATION.

I. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE GROUNDING BUSBAR EQUIVALENT TO AVAILABLE PANEL, UNLESS OTHERWISE NOTED.

J. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

K. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

L. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

M. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

N. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

O. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

P. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

Q. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

R. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

S. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

T. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

U. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

V. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

W. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

X. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

Y. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

Z. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

SHEET NOTES

1. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

2. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

3. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

4. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

5. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

6. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

7. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

8. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

9. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

10. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

11. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

12. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

13. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

14. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

15. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.

16. PROVIDE 120V CONNECTION FOR WALL MOUNTED EQUIPMENT. PROVIDE CIRCUIT FORM NEAREST ADDITIONAL INFORMATION.
**SEQUENCE OF OPERATION OF FIRE ALARM SYSTEM**

1. **ACTUATOR**: ANY EVENT ACTUATOR, FLOOD SENSOR DETECTOR, AND DECTECTOR, WHERE A SUPPLEMENTAL DETECTOR IS USED IN ACCORDANCE WITH THE CODE REQUIREMENTS, SUCH AS A SMOKE DETECTOR, RADIATION DETECTOR, OR OPACITY DETECTOR.

2. **FACP (FIRE ALARM CONTROL PANEL)**: ALL FACP(S) AND REMOTE ANNUNCIATOR(S) SHALL INITIATE A MESSAGE TO THE ON-SITE PERSONNEL AND COMMUNICATIONS CENTER TO TAKE THE NECESSARY ACTIONS TO CONFIRM THE SOURCE OF THE EVENT.

3. **EOL (END OF LINE) DEVICES**: ALL EOL DEVICES SHALL BE MONITORED FOR OPEN-LOOPED CONDITIONS AND INITIATE A MESSAGE TO THE ON-SITE PERSONNEL AND COMMUNICATIONS CENTER.

4. **AUTO TRANSFER SWITCH**: IF THE AUTOMATIC TRANSFER SWITCH IS IN SERVICE, IT SHALL AUTOMATICALLY TRANSFER TO THE EMERGENCY POWER SOURCE.

5. **FA (FIRE ALARM) DEVICES**: ALL FA DEVICES SHALL ACTUATE AND SOUNDS.

**PROJECT DESCRIPTION**

1. **OCCUPANCY TYPE**: (D) COMMERCIAL.

2. **SYSTEM TYPE**: CLASS B, ADDRESSABLE, AUTOMATIC.

3. **METHOD OF COMMUNICATION**: WIRELESS.

4. **SCOPE OF WORK**: NEW AUTOMATIC EXTENSION OF AN EXISTING AUTOMATIC FIRE ALARM SYSTEM TO AN EXISTING SCHOOL CAMPUS.

5. **EXISTING SYSTEMS**: ANY SYSTEMS THAT EXIST IN THE AREA.

**CALIFORNIA CODES AND STANDARDS**

- 2010 CALIFORNIA BUILDING CODE (BC): VOLUMES 1, 2, 3, 4, 5.
- 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES #1 AND #2 (PART 2, TITLE 24, CCR).
- 2013 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR).
- 2013 CALIFORNIA ELECTRICAL CODE (CEC) (PART 2, TITLE 24, CCR).
- 2013 CALIFORNIA FIRE ALARM CODE (FAC) (PART 2, TITLE 24, CCR).
- 2013 CALIFORNIA ALARM SYSTEM CODE (ASC) (PART 2, TITLE 24, CCR).
- 2013 CALIFORNIA AUTOMATIC FIRE ALARM SYSTEM CODE (AFAC) (PART 2, TITLE 24, CCR).

**DRAWING INDEX**

- P330: GENERAL INFORMATION, FIRE ALARM.
- P331: FLOOR Plan, FIRE ALARM.

**GENERAL NOTES**

- C. THE CONTRACTOR SHALL COMPLETE THE PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE APPLICABILITY OF THE CODES AND STANDARDS AND IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCALITY.