

[illegible]

SEE FIRE ALARM OR CENTRAL MONITORING SYSTEM DRAWINGS FOR FIRE ALARM SYMBOLS

SECURITY ALARMS CONTROL, GAMES, AND POWER SUBSYSTEM COMPLETE - SEE

**A** PANEL CALLOUT, "A" INDICATES PANELBOARD OR EQUIPMENT DESIGNATION.

3 DETAIL CALLOUT, "3" INDICATES DETAIL NUMBER "E-1" INDICATES SHEET NUMBER.

ELIATED FOLLOW-UP STUDY WILL MONITOR 4500 DOG AND 4,000 PANDA IN

SITE LIGHTING FIXTURE SYMBOLS DEPICTED WITH CAPITAL LETTER(S) ADJACENT TO RESPECTIVE SYMBOL(S) INDICATE(S) LIGHT FIXTURE MOUNTING BASE DETAIL(S)

SEE THE DISTRIBUTED LIGHTING CONTROL (DLC) SPECIFICATIONS AND SEQUENCE OF OPERATIONS (SOO) FOR MORE INFORMATION

ALL RECEPTACLE OUTLETS SHOWN WITH A DIAGONAL SLASH SHALL BE CONTROLLED BY OCCUPANCY SENSOR OR LIGHTING CONTROL PANEL.

BAJETER CONTROL BAND - SEE BAJETER SPECIFICATIONS

— 8478 —

[illegible]

THE FOLLOWING ITEM(S) ARE REQUIRED DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS AND

THE FOLLOWING ITEM(S) ARE ALLOWED DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS.

IN ADDITION TO ANY DEDUCTIVE OR ADDITIVE LINE ITEM PRICING CALLED FOR ON THE DRAWING OR IN

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Sym	Description	Date
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[illegible]

Drawn By	
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Project No.	21-6497
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## 50.1

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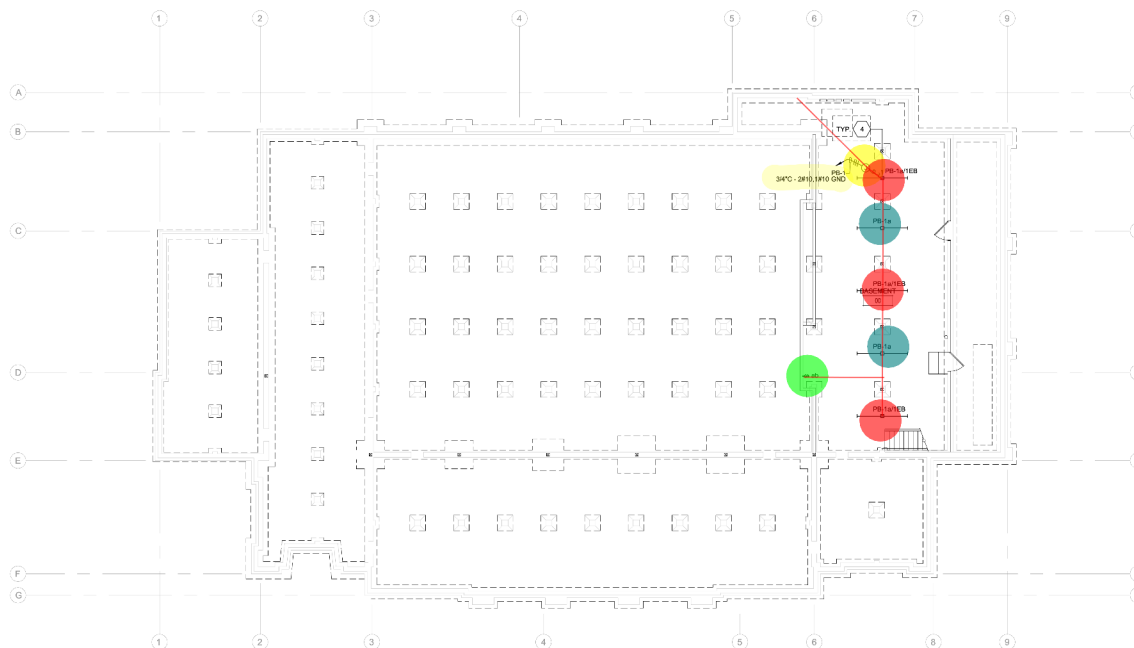
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SCALE: 1" = 10'-0"

- 100 —

- 2.0 ●  
3.0 ●  
1.0 ●  
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69.3 FT ●



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

9

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Electrical Lead - Jerry Leonhardt  
WSP Job #: B2905166.000



TEHAMA COUNTY  
CORNING  
VETERAN'S HALL

**SHEET TITLE**

LIGHTING PLAN -  
BASEMENT

DRAWING STATUS

CONSTRUCTION  
DOCUMENTS

[illegible]

Drawn By	
Date Issued	2/13/2025
Scale	1/8" = 1'-0"
Project No.	21-6497

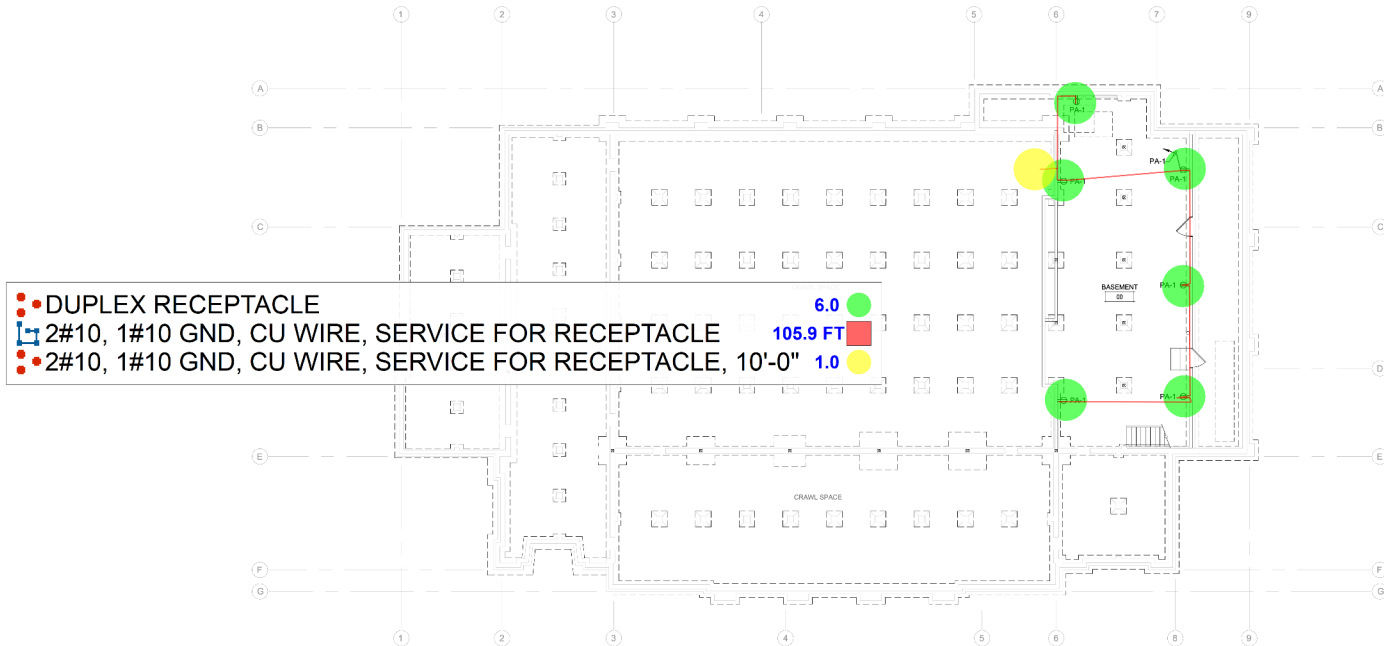
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**E2.1**

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1/3653754093327257295513715681416251799037673472" = 1'-0" (1/3653754093327257295513715681416251799037673472" = 1'-0")  
1/7307508186654514591027431362832503598075346944" = 1'-0" (1/7307508186654514591027431362832503598075346944" = 1'-0")  
1/14615016373309029182054862725665007196150693888" = 1'-0" (1/14615016373309029182054862725665007196150693888" = 1'-0")  
1/29230032746618058364109725451330014392301387776" = 1'-0" (1/29230032746618058364109725451330014392301387776" = 1'-0")  
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1/233840261972944466912877803610640011539411102208" = 1'-0" (1/233840261972944466912877803610640011539411102208" = 1'-0")  
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1/7482888383134222941212089715540480369261155270592" = 1'-0" (1/7482888383134222941212089







## POWER AND COMMUNICATIONS PLAN - BASEMENT

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

TELECOMMUNICATION PATHWAYS & GENERAL NOTES:

- [illegible]

CONDUIT SIZE	WIDTH	LENGTH	DEPTH	WIDTH INCREASE PER ADDITIONAL CONDUIT
1"	4"	18"	3"	2"
2"	8"	36"	4"	5"
3"	12"	48"	5"	6"
4"	15"	60"	8"	8"

FOR OTHER CONDUIT SIZES REFER TO ANSI/TIA-569-C TABLE 12. - LATER

PUBLISHED EDITION.

3. CONDUIT(S) SHALL EXIT A PULL BOX ON THE WALL OPPOSITE THE WALL ENTERED.

4. ALL PULL BOXES INSTALLED ON TOP OF ROOFS OR ATTACHED TO CANOPIES SHALL BE RATED NEMA-3R OR NEMA-4. PROVIDE QUANTITY

SIZE OF PULL BOXES AS REQUIRED TO COMPLY WITH THESE GENERAL  
PATHWAY NOTES. PAINT BOXES TO MATCH SURROUNDING SURFACES.

5. ALL CONDUITS INSTALLED ON EXTERIOR OF BUILDINGS AND CANOPIES

SHALL BE GALVANIZED. PAINT ALL CONDUITS TO MATCH SURROUNDING SURFACES.

6. PROVIDE LABELING OF EACH CONDUIT PER GENERAL ELECTRICAL SPECIFICATIONS

7. PROVIDE INTERNAL/EXTERNAL GAS AND WATER TIGHT MECHANICAL.

SEALING/PLUGGING OF EACH UNDERGROUND BUILDING ENTRY CONDITION SPECIFIED ELSEWHERE IN THE DRAWINGS AND SPECIFICATIONS.

8. ALL CONDUITS EXPOSED TO VIEW (I.E.: OPEN CEILING SPACES) SHALL

PAINTED TO MATCH SURROUNDING SURFACES. CONDUITS INSTALLED  
HARD CEILINGS OR INACCESSIBLE CEILINGS ARE EXEMPT FROM PAINT

9. ELECTRICAL CONTRACTOR SHALL REFERENCE ALL E-SERIES, T-SERIES AND AV SERIES SHEETS FOR ADDITIONAL CONDUIT REQUIREMENTS.

AND A4-SERIES SHEETS FOR ADDITIONAL CONDUIT REQUIREMENTS.

## POWER PLAN GENERAL NOTES:

- [illegible]



Login Name: jgca022068  
Print Date: February 13, 2025 - 9:20 am  
File Name: jgca022068000\_Covering\_Venture\_Hat\_Hemlock\_Langrass\_and\_Mountain\_Cut\_Sectional\_2-Head  
JGCA's eXtreme Title Book is ON THE WAY! x JGCA.GRD





[illegible]

- 1 REFER TO MACHINERY EQUIPMENT SCHEDULE FOR MOTOR FEEDER BRANCH
- 2 REFER TO IFC (S) TO RESPECTIVE CONTROL DEVICES FOR CONTROL WIRING. REFER TO THE EQUIPMENT CONTROL WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.
- 3 CONNECT COMPLETE TO WATER HEATER AS REQUIRED. COORDINATE LOCATION WITH MECHANICAL. BRANCH PRIOR TO RULGIN. PER SCHED. 281, SFG 000.
- 4 CONNECT CIRCULATION PUMP. TIME CLOCK AND AIRGUAUT AS REQUIRED. SEE PLUMBING PLANS FOR MORE INFORMATION. COORDINATE LOCATION WITH PLUMBING CONTRACTOR PRIOR TO RULGIN-H.
- 5 CONNECT AS REQUIRED TO MECHANICAL CONTROLLER. COORDINATE LOCATION WITH MECHANICAL. BRANCH PRIOR TO RULGIN-H. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- 6 CONNECT AS REQUIRED TO CEILING FAN PER MANUFACTURER'S REQUIREMENTS.
- 7 RECONNECT EXISTING ELECTRIC WATER HEATER TO PANEL PA. PROVIDE NEW COLD AND WIRING AS REQUIRED TO EXTEND EXISTING CIRCUITING TO NEW PANEL LOCATION. VERIFY CIRCUIT CONFIGURATION AND REQUIREMENTS IN FIELD.



LICENSE STAMPS



1520 SOLANO ST.

SHEET TITLE

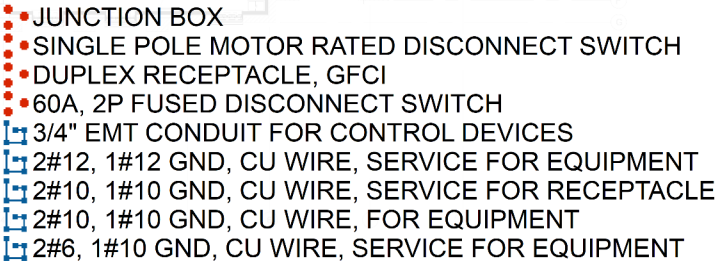
DRAWING STATUS

CONSTRUCTION  
DOCUMENTS

## REVISIONS

SHEET No.

## E2.7



1. ALL RECEPTACLES ON COMMON WALLS SHALL BE SEPARATE BOXES AND OFFSET 24-INCHES MINIMUM.
2. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED FROM THE SPREAD OF FIRE WITH APPROVED RATED SYSTEM GULF OR GREATER THAN THE FIRE RATING OF THE WALL.
3. ALL WALL MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
4. ALL FURNITURE FEED LOCATIONS SHALL BE VERIFIED WITH ARCHITECT AND
  - 14.0. REDUCE EXCESS WIRE LENGTH.
  - 7.0. DITIONS DOCLER, THE LOWHANGING ITEMS
  - 2.0. ORTHOGONALLY, NEATLY R OUTWORK. THE TERS SHALL MAINTAIN THE SAME I FOR ENTIRE RUN TO INCLUDE
  - 6.0. ITS WILL BE REROUTED AT THE LONEST COST.

417.6 FT  
621.4 FT  
150.7 FT  
9.5 FT  
374.8 FT

E

NECESSARY TO CONNECT BRANCH CIRCUITRY AND CONTROL WIRING TO REMOTE RELAYS TO INCLUDE RELAYS LOCATED ON ALTERNATE FLOORS, IN ELECTRICAL ROOMS, ETC.

10. PROVIDE ADDITIONAL J-BOX RAIN PANEL FOR MULTIPLE HOMERUN CIRCUITRY.
11. UNLESS SPECIFICALLY SHOWN AS (E), (R), (ER), (D), EXISTING OR NON-BOLD, ALL ELECTRICAL DEVICES SHOWN ARE NEW.
12. PROVIDE REDUNDANT GROUND PATH IN ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS CONSISTING OF A SEPARATE, INSULATED SYSTEM GROUNDING CONDUCTOR PER NEC, OR CEC WHERE ADOPTED, ART 517.53.

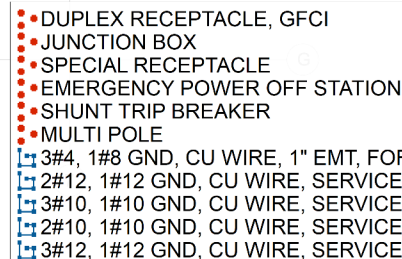


SCALE: 1/8" = 1'-0"

3.0  
9.0  
3.0  
3.0  
1.0  
2.0  
3.6 FT  
9.2 FT  
5.6 FT  
1.9 FT  
1.9 FT  
0.3 FT

---

Logon Name: J02AL020068  
Print Date: February 13, 2025 - 09:20 am  
File Name: ProcessData\B0000\_Canning\_V



## SCALE: 1/2" = 1'-0"

The diagram illustrates the components and wiring of a kitchen hood fire suppression system. It includes a fire alarm system, a kitchen hood fire suppression system control panel, a fire suppression contractor, and a kitchen hood fire suppression system. The diagram also shows the connection to a fire alarm system, a kitchen hood fire suppression system control panel, a fire suppression contractor, and a kitchen hood fire suppression system.

**WIRE AND CONNECT TO FIRE ALARM SYSTEM AS REQUIRED BY THE REQUIREMENTS WITH THE FIRE SUPPRESSION SYSTEM CONTRACTOR.**

**KITCHEN HOOD FIRE SUPPRESSION SYSTEM CONTROL PANEL**

**FIRE SUPPRESSION CONTRACTOR TO RUSH**

**KITCHEN HOOD FIRE SUPPRESSION SYSTEM**

**DISCHARGE STATUS (RED FLAME)**

**INSTALLED WITH ALI, REQUIRED CONTROLS**

**WIRE AND ADD BY E.C. VERIFY LOCATION WITH ALI AND KITCHEN HOOD FIRE SUPPRESSION CONTRACTOR TO RUSH**

**CONDUIT WITH REQUIRED CONDUCTORS TO GAS-INSULATED VALVE, VERIFY LOCATION WITH ALI TO RUSH**

**CONDUIT AND CONDUCTORS BY E.C. FOR KITCHEN MAKE-UP AIR AND/OR HVAC UNIT AND/OR EXHAUST FAN UNIT/EXHAUST FAN AS REQUIRED BY MEET LOCAL JAC REQUIREMENTS, VERIFY THE LOCATION TO BIO AND INCLUDE ALI COSTS**

**M&P TO NOTE, CONTROLS DISCHARGE 120V, 20A CONTRACTOR, POLES AS REQUIRED FOR SHUT OFF, TRIP, GAS VALVE, AND HVAC UNIT/EXHAUST FAN UNIT/EXHAUST FAN AS REQUIRED BY MEET LOCAL JAC REQUIREMENTS, VERIFY THE LOCATION TO BIO AND INCLUDE ALI COSTS**

**TRIP, GAS VALVE, AND HVAC UNIT/EXHAUST FAN UNIT/EXHAUST FAN AS REQUIRED BY MEET LOCAL JAC REQUIREMENTS, VERIFY THE LOCATION TO BIO AND INCLUDE ALI COSTS**

**DOWN OPERATIONS, LOCATION IN DESIGNATED HAZARDOUS LOCATIONS, PREPARE TO BE RECEIVED.**

1. CONNECT TO KITCHEN HOOD FIRE SUPPRESSION SYSTEM AS REQUIRED. SEE KITCHEN HOOD FIRE SUPPRESSION SYSTEM SCHEMATIC FOR MORE INFORMATION.
2. MULTIPOLAR CONTACTOR CABINET, HINGED, LOCKABLE, LOCATED ABOVE KITCHEN HOOD FIRE SUPPRESSION PANEL - IF REQUIRED - TO HOUSE INTERPOSING RELAY CONTACTS FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM. SEE KITCHEN HOOD FIRE SUPPRESSION SYSTEM SCHEMATIC FOR MORE INFORMATION.
3. KITCHEN HOOD FIRE SUPPRESSION SYSTEM DISCHARGE STATION INSTALLED WITH REQUIRED CONDUIT, WIRE AND J-BOX BY E.C. VERIFY LOCATION WITH PLANS AND KITCHEN PLANS AND KITCHEN HOOD FIRE SUPPRESSION SYSTEM CONTRACTOR PRIOR TO ROUGH-IN.

1. INTERNAL WIRING AND PLUMBING OF MANUFACTURED LATHES SHALL BE THE RESPONSIBILITY OF THE FACTURE MANUFACTURER, LINES OTHERWISE NOTED FINAL HOOR OF EQUIPMENT AND FIXTURES SHALL BE ELECTRICAL AND/OR PLUMBING CONTRACTORS

2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE BEFORE STARTING FABRICATION OF CUSTOM FABRICATED STRUCTURES

3. CONVENIENCE OUTLETS SHALL BE SET HORIZONTALLY

4. WHERE STUBBING UP OF A FLOOR, CONDUIT SHALL EXTEND A MINIMUM OF 4" ABOVE THE FINISHED FLOOR OR CURB

5. CONTRACTOR SHALL SUPPLY AND INSTALL STAINLESS STEEL COVER PLATES ON PARTIALLY OR WHOLLY EXPOSED PULL BOXES AND ACCESS BOXES

6. CONTRACTOR SHALL SUPPLY AND INSTALL LOCKOUTS ON BREAKERS OF ALL ELECTRICAL DISCONNECTS. LOCKOUTS SHALL BE IN CONTROL, WIRING AND EXHAUST HOOD FIRE PROTECTION SYSTEM CONTROLS

7. CONTRACTOR SHALL SUPPLY AND INSTALL SWITCHES FOR HEAT LAMPS, IR SYSTEMS, VIBRITY LOCKOUTS WITH

25.0  
17.9 FT  
6.22 FT  
6.0  
3.0  
1.0  
1.0  
1.0  
1.0  
1.0

1. ALL VALVES ARE SPECIFIED FOR THE 3M, THE EXHAUST HOOD FOR ALL FLUKE AND ELECTRICAL, SHALL BE 1/2" NPT OR SMALLER

2. DRINK AND CORRECT REFRIGERATION A AUTOMATIC DEFROST SYSTEMS ORAL, CORRECT REFRIGERATION DETECTION DEVICES AS REQUIRED

3. EXPLOSION-PROOF BOXES AND CONDUIT ON EXISTING INTERNAL CONDUITS

4. D AND CONNECT KITCHEN EXHAUST HATCH PROVIDED BY FOOD SERVICE OR HANG SERVICE

5. S AND PULL BOXES AND

6. FITTINGS ON WALK-IN REFRIGERATOR OF REFRIGERATION SUPPORT FACTURER, ALL CONDUIT MOUNTED ON 2" W/4"

7. THE FOOD SERVICE EQUIPMENT PLANNING SHALL BE THE RESPONSIBILITY OF THE INTERNAL AND LOCAL TO CONNECT AND

8. PROVIDE CIRCUITING TO ALL KITCHEN EQUIPMENT. THE CONTRACTOR SHALL OBTAIN AN RFI FOR CLARIFICATION PRIOR TO

ALL RECEPTACLES WITHIN KITCHEN OR SERVING AREA SHALL BE GFI-TYPE.

[illegible]

At times, drawings, photographs and direct observation is necessary to determine the location and extent of the damage to the building. The use of a professional engineer is required to determine the extent of the damage and to provide a written report of the findings. The report should include a description of the damage, a list of the damaged areas, the extent of the damage, and a recommendation for the repair or replacement of the damaged areas. The report should also include a list of the materials and labor required for the repair or replacement of the damaged areas. The report should be submitted to the local health department for review and approval.

**NICHOLS  
MEIBURG  
ROSSETTO**  
ARCHITECTS - ENGINEERS

300 KNOLLCREST DRIVE  
READING, CA 94062  
(530) 222-3300 (530) 222-3538 FAX  
<http://www.ntrdesign.com>

**CONSULTANTS**

11870 Pierce Street, Suite 160  
Riverside, California 92505  
951.299.4160 [www.fk1sc.com](http://www.fk1sc.com)  
Project Leader - Jerry Leonhard  
Electrical Lead - Jerry Leonhard  
WSP Job #: B2305166.000

LICENSE STAMP



PROJECT NAME

TEHAMA COUNTY  
CORNING  
VETERAN'S HALL

1020 SOLANO ST  
CORNING, CA

SHEET TITLE

ELECTRICAL  
ENLARGED PLAN

DRAWING STATUS

CONSTRUCTION  
DOCUMENTS

[illegible]

SHEET No. \_\_\_\_\_

E2.10





**tk1sc**

11870 Pierce Street, Suite 100  
Riverside, California 92505  
951.299.4100 [www.b1sc.com](http://www.b1sc.com)  
Project Leader - Jerry Leonhard  
Electrical Lead - Jerry Leonhard  
WSP Job #: B2305158.000

Project Leader - Jerry Lee  
Electrical Lead - Jerry Lee  
WSP Job #: B2305168.

1. ALL SWITCHGEAR SHALL MATCH EXISTING ON CAMPUS.
2. ALL ITEMS DEPICTED ON THE SINGLE LINE DRAWINGS SHALL BE ASSUMED AS NEW U.O.N.
3. ALL OVERCURRENT DEVICES IN AN INDIVIDUAL PIECE OF EQUIPMENT SHALL HAVE AN AIC RATING EQUAL TO THE OVERALL RATING OF THE EQUIPMENT. SERIES RATING OF DEVICES WITHIN A PIECE OF EQUIPMENT IS NOT ALLOWED. SEE SPECIFICATIONS FOR MORE INFORMATION.
4. SERIES RATED DEVICES SHALL HAVE BEEN INVESTIGATED BY IEC IN COMBINATION WITH THE END USE EQUIPMENT. ALL EQUIPMENT IN THIS RATING THESE DEVICES ARE USED SHALL BE MARKED WITH A SERIES RATING. ALL EQUIPMENT SHALL BE MARKED IN ACCORDANCE WITH IEC (OR CEC-WHERE ADOPTED) REQUIREMENTS. SEE SPECIFICATIONS FOR MORE INFORMATION. WHERE SERIES RATINGS ARE ALLOWED, THE EQUIPMENT SHALL BE MARKED IN ACCORDANCE WITH IEC TO INDICATE A SERIES COMBINATION RATING, WHICH SHALL BE READILY VISIBLE AND STATE THE FOLLOWING:

CAUTION - SERIES COMBINATION SYSTEM RATED AT 77,777  
AMPERES. USE ONLY IDENTIFIED REPLACEMENT COMPONENTS IN  
THIS SYSTEM.

WHERE ??,??? REPRESENTS AVAILABLE FAULT CURRENT. SEE SPECIFICATIONS FOR PLACARD REQUIREMENTS

- LICENSE STAMP



PROJECT NAME

FEEDER	CONDUIT AND CONDUCTORS	LOAD A	DIFFERENCE	V/D (%)	A.I.C.	NOTES
MSB-1	2.5" 4#40 & 1#2 GRD.	(180)	180	0.14	38.4K	-
MSB-2	2.5" 4#40 & 1#2 GRD.	(180)	180	0.95	14.6K	-
MSB-3	2.5" 4#40 & 1#2 GRD.	(180)	180	0.76	17.1K	-
MSB-4	2.5" 4#40 & 1#2 GRD.	(180)	180	0.57	20.8K	-
MSB-5	(2) 12-1/2" 4#30 & 1#4 GRD. EACH	(320)	320	1.70	15.1K	-
MSB-6	2" 4" 4#10 & 1#2 GRD.	(120)	120	1.54	<10K	-
MSB-PV	2-1/2" 3#300KCMIL & 1#2 GRD.	(240)	240	-	-	-

1. ALL FEEDERS SHOWN, ESPECIALLY NOTED OTHERWISE, ARE PRESUMED TO BE ROUTED IN METAL RACEWAYS. IF P.V.C. CONDUITS ARE UTILIZED, THE CONTRACTOR SHALL PROVIDE AN EQUIPMENT GROUND PER NEC OR CEC WHERE ADOPTED. TABLE 250.122 OR, WHERE REQUIRED, PROVIDE A MAIN BONDING JUMPER PER TABLE 250.66 AND INCREASE THE CONDUIT SIZE ACCORDINGLY.
2. LOADS INDICATED WITH " ( ) " REPRESENT WORST CASE LOAD IN AMPS.
3. STATION SHOWN IS FOR DESIGN PURPOSES ONLY. IT IS NOT A MATERIAL TAKEOFF.
4. VOLTAGE DROP VALUE INDICATED IS AT THE END OF THE FEEDER.

1 SEE MAIN SYSTEM GROUNDING DETAIL OR FEEDER TO REMOTE BUILDING / STRUCTURE GROUNDING DETAIL, THIS SHEET, FOR MORE INFORMATION.

2 BUSSING SHALL BE PROVIDED FOR FUTURE BUS EXTENSION TO FUTURE DISTRIBUTION SYSTEM.

- |   |   |     |                            |
|---|---|-----|----------------------------|
| 1 | PROVIDE (1) 4" C.U. FOR EVERY 500 AMPS OF SERVICE SIZE (MINIMUM) TO THE NEAREST PLASTER AREA, CAP AND MARK. | 1.0 | ED OUTSIDE THE BUILDING TO |
| 2 | PROVIDE (H) 4" C.U. STUBBED OUTSIDE THE BUILDING TO THE NEAREST PLASTER AREA, CAP AND MARK.                 | 1.0 | A. CAP AND MARK.           |
| 3 | PROVIDE CIRCUIT BREAKER FOR GEO 600-84 AND 705.12. 500 VP 500A. ADDITIONAL INFORMATION.                     | 2.0 | M. SHEET PV-777 FOR        |
| 4 | SEE PV SYSTEM DRAWINGS - (SPECIFICATIONS FOR MORE INFORMATION).   | 1.0 | HERE ADOPTED. 650.59 AND   |

0"		1.0	
0"		1.0	
0"		1.0	
0"		1.0	
0"		1.0	
0"		1.0	
0"		6.0	
0"		1.0	

DE GRUYTER

Category	Value
Category 1	Value 1
Category 2	Value 2
Category 3	Value 3
Category 4	Value 4
Category 5	Value 5
Category 6	Value 6
Category 7	Value 7
Category 8	Value 8
Category 9	Value 9
Category 10	Value 10
Category 11	Value 11
Category 12	Value 12
Category 13	Value 13
Category 14	Value 14
Category 15	Value 15
Category 16	Value 16
Category 17	Value 17
Category 18	Value 18
Category 19	Value 19
Category 20	Value 20
Category 21	Value 21
Category 22	Value 22
Category 23	Value 23
Category 24	Value 24
Category 25	Value 25
Category 26	Value 26
Category 27	Value 27
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Category 91	Value 91
Category 92	Value 92
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Category 96	Value 96
Category 97	Value 97
Category 98	Value 98
Category 99	Value 99
Category 100	Value 100

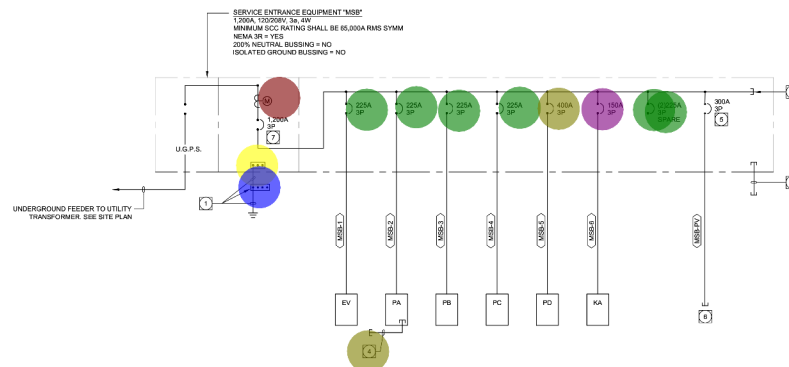

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Drawn By	
Date Issued	2/13/2025
Scale	-
Project No.	21-6497

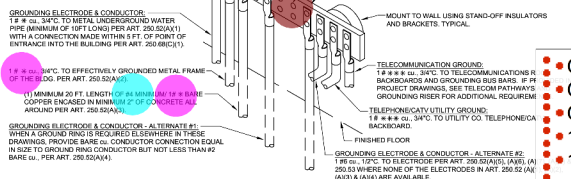
SHEET No. \_\_\_\_\_

E3.0

## SCALE: NONE



- \*\*\* TELECOMMUNICATIONS GROUND CONDUCTOR MINIMUM SIZE SHALL BE BASED ON DISTANCE BETWEEN TELECOMMUNICATIONS ROOM AND SYSTEM GROUNDING BUS BAR AS FOLLOWS:
- |             |     |
|-------------|-----|
| 0-100 FT.   | #10 |
| 100-150 FT. | #8  |
- \*\*\* MAIN BONDING JUMPER SHALL BE SIZED AS FOLLOWS:
- | SERVICE SIZE | M.B.J. SIZE |
|--------------|-------------|
| 0-300A       | #4/0        |
| 1-200A       | #4/0        |
| 1-100A       | #300KCMIL   |
| 2-100A       | #200KCMIL   |
| 2-50A        | #100KCMIL   |
| 3-50A        | #75KCMIL    |
| 4-50A        | #75KCMIL    |
- \*\*\* GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED AS FOLLOWS:
- | SERVICE SIZE | G.E.C. SIZE |
|--------------|-------------|
| 3-200A       | #4          |
| 201-400A     | #1/0        |



### MAIN SERVICE SYSTEM GROUNDING DETAIL

1 SCALE: NTS

- GND: GROUND BUS
- GND: NEUTRAL BUS
- GND: ELECTRODE GROUNDING CONDUCTOR, 10'-0"
- 1#4 GND, CU WIRE FOR GROUNDING, 20'-0"
- 1/4" X 3" X 6' GROUND BUS
- 4#4/0, 1#2 GND, CU WIRE, 2-1/2" EMT, FOR PANEL, 15'-0"
- 4#4/0, 1#2 GND, CU WIRE, 2-1/2" EMT, FOR PANEL, 100'-0"
- 4#4/0, 1#2 GND, CU WIRE, 2-1/2" EMT, FOR PANEL, 80'-0"
- 4#4/0, 1#2 GND, CU WIRE, 2-1/2" EMT, FOR PANEL, 60'-0"
- 2-SETS OF 4#3/0, 1#4 GND, CU WIRE, 2-1/2" EMT, FOR PANEL, 160'-0"
- 4#1/0, 1#6 GND, CU WIRE, 2" EMT, FOR PANEL, 145'-0"
- 4-SETS OF 1" EMT CONDUIT, 30'-0"
- PANEL MSB, 120/208V, 3P, 4W, MAIN BUS: 1200A, MAIN TYPE: 1200A MCB, AIC R.
- PANEL MSB, 225A, 3P CB
- PANEL MSB, 400A, 3P CB
- PANEL MSB, 150A, 3P CB













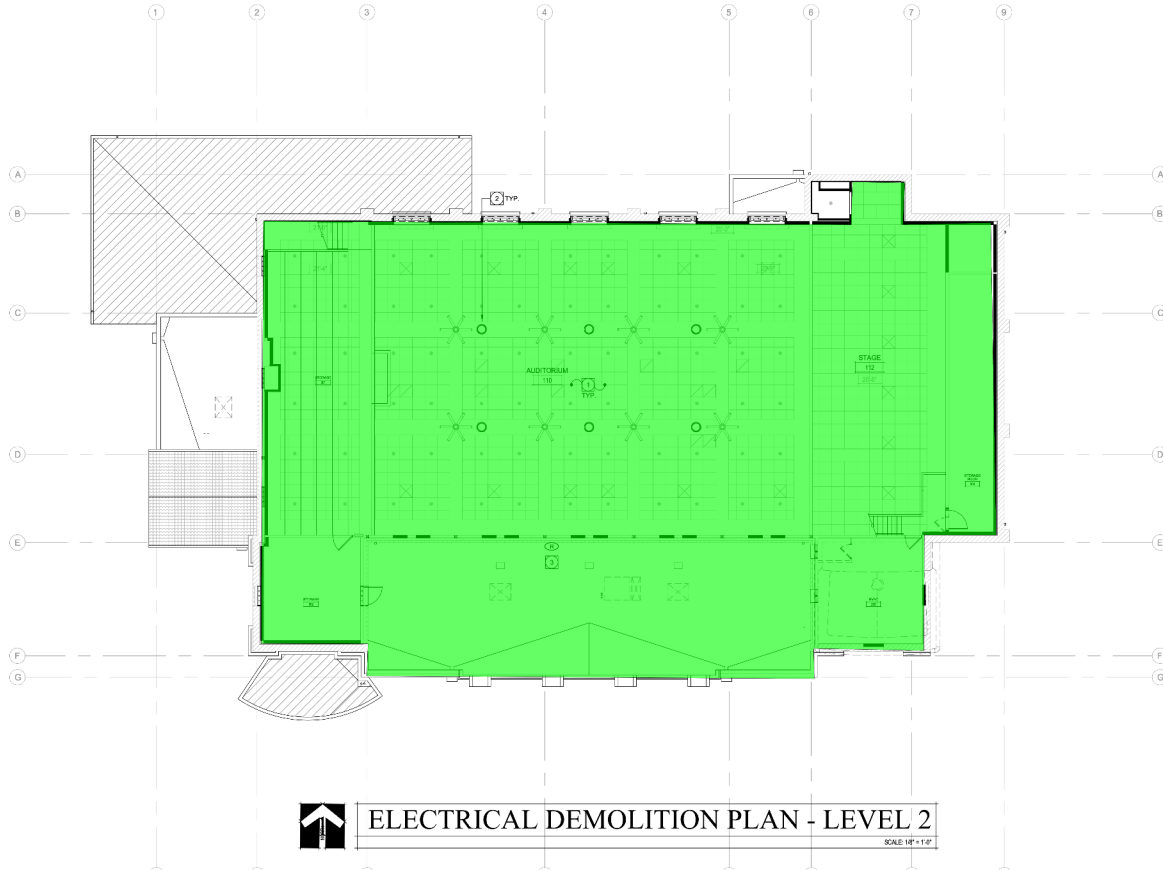






As Shown, unless otherwise noted, all work shall be in accordance with the 2019 California Electrical Code (CEC) and the 2019 California Building Code (CBC). All work shall be in accordance with the 2019 California Electrical Code (CEC) and the 2019 California Building Code (CBC). All work shall be in accordance with the 2019 California Electrical Code (CEC) and the 2019 California Building Code (CBC).

 REMOVE EXISTING ELECTRICAL EQUIPMENT, DEVICES, LIGHTING & OUTLETS ALONG W/ALL ASSOCIATED WIRING & CONDUIT BACK TO THE SOURCE IN THIS AREA **8,035.3 SQ FT** 



#### PLAN NOTES:

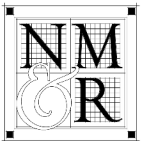
1. REFER TO GENERAL DEMOLITION NOTE 14, AND ARCHITECTURAL SHEETS FOR DEMOLITION SCOPE. TYPICAL THROUGHOUT BUILDING, UNLESS OTHERWISE NOTED.
2. EXISTING DECORATIVE CHAIN HUNG FIXTURE TO BE DISCONNECTED AND SET ASIDE FOR REINSTALLATION IN NEW CEILING.
3. EXISTING WIRELESS RECEIVER DISH TO REMAIN, REMOVE AS REQUIRED FOR DEMO WORK AND REINSTALL DISH AND ALL WIRING DURING NEW CONSTRUCTION. PROVIDE NEW WIRING AS REQUIRED. CONTRACTOR TO CONFIRM EXACT DISH LOCATION IN FIELD. REFER TO SHEET E2.5 FOR ADDITIONAL INFORMATION.

#### GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL DRAWINGS ARE DIAGNOSTIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS. SEE ARCHITECTURAL PLANS, WHERE PROVIDED ON PROJECT, FOR EXTENT OF DEMOLITION.
2. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
3. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILING, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.
4. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
5. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES, AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLEST AREA POSSIBLE AND REPAIR TO THE ORIGINAL CONDITION. ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
6. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
7. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OR DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND MAINTAIN PILE OR STONE THEM AND PROTECT FROM DAMAGED. DISPOSAL OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
11. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRED AND REMOVE ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALLS TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.
12. CONTRACTOR TO VERIFY CIRCUIT NUMBER AND LOADS FOR ALL EXISTING EQUIPMENT PRIOR TO INSTALLATION OF NEW OR RELOCATED ELECTRICAL EQUIPMENT. REASSIGN CIRCUITS AND LOADS ACCORDINGLY. PROVIDE COMPLETE "AS-BUILT" DRAWINGS AND TYPEWRITTEN DIRECTORIES FOR PANELS.
13. WHERE NECESSARY TO SHUT OFF UTILITY SERVICES OR CAUSE INTERRUPTION TO POWER OR SIGNAL SYSTEMS WHILE A BUILDING IS OCCUPIED OR THAT EFFECT ADJACENT BUILDINGS, SCHEDULE OUTAGES OR INTERRUPTIONS WITH THE OWNER, BUILDING OCCUPANTS AND/OR ADJACENT BUILDING OWNERS) AND OCCUPANTS PRIOR TO CONDUCTING OUTAGES(S) OR INTERRUPTIONS.
  - A. LIGHTING: CONTRACTOR TO DEMOLISH ALL EXISTING LIGHTING FIXTURES AND ASSOCIATED CONTROLS, U.O.N.
  - B. POWER: CONTRACTOR TO DEMOLISH ALL EXISTING POWER, U.O.N.
  - C. CONTRACTOR TO DEMOLISH ALL EXISTING ELECTRICAL SWITCHGEAR, PANELBOARDS, FUSEBOXES, ETC., U.O.N.
  - D. SIGNAL: CONTRACTOR TO DEMOLISH ALL EXISTING SIGNAL SYSTEMS (DATA OUTLETS, TELEPHONE OUTLETS, TELEVISION OUTLETS, ETC.), AV AND SOUND SYSTEM EQUIPMENT AND SPEAKERS TO REMAIN PROTECT IN PLACE.
  - E. FIRE ALARM: CONTRACTOR TO DEMOLISH ALL EXISTING FIRE ALARM DEVICES, U.O.N.
  - F. EXTERIOR LIGHTING: CONTRACTOR SHALL DEMOLISH ALL EXISTING EXTERIOR LIGHTING FIXTURES AND ASSOCIATED CONTROLS, U.O.N.
  - G. EXTERIOR POWER, SIGNAL AND FIRE ALARM: CONTRACTOR SHALL DEMOLISH ALL EXISTING EXTERIOR POWER, SIGNAL AND FIRE ALARM DEVICES, U.O.N.
15. WHERE NEW PARTITIONS OR OTHER CONSTRUCTION WILL COVER EXISTING REMAINING OUTLETS MAKING THEM INACCESSIBLE, RELOCATE THESE OUTLETS AS REQUIRED, OR MAKE OTHER PROVISIONS SO THAT THE OUTLETS WILL REMAIN ACCESSIBLE AND OPERATIONAL.
16. WHERE EXISTING WALLS AND CEILINGS ARE TO REMAIN, PROVIDE BLANK COVER PLATES FOR OUTLETS WHERE EQUIPMENT OR DEVICES ARE REMOVED UNDER THIS CONTRACT. PRIME BLANK PLATES AND PAINT TO MATCH SURROUNDING AREA.
17. WHERE FIXTURES, EQUIPMENT, DEVICES, ETC. ARE SPECIFIED BY THE CONTRACT DOCUMENTS FOR REMOVAL, THE CONTRACTOR SHALL REMOVE ALL CIRCUIT CONDUITS/RELOCATING BACK TO THE NEAREST REMAINING JUNCTION BOX AND/OR POINT OF TERMINATION.
18. RELOCATE EXISTING CONDUITS AND/OR CONDUCTORS/CABLING ROUTING THROUGH AREAS WHERE NEW REMOVED WALLS ARE SPECIFIED.
19. RELOCATION AND/OR REMOVAL OF EXISTING EQUIPMENT, DEVICES, OUTLETS, BOXES, CONDUIT, WIRING, ETC. MAY AFFECT THE OPERATION OF EXISTING REMAINING ELECTRICAL EQUIPMENT/DEVICES. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MATERIALS AS REQUIRED TO MAINTAIN AND/OR RESTORE CONTINUITY OF SERVICES TO EXISTING REMAINING ELECTRICAL DEVICES.
20. DISCONNECT ABANDONED CIRCUITS AT EXISTING PANEL, BOARDS AND REMOVE WIRE TO LAST REMAINING DEVICES. LABEL ALL ABANDONED CIRCUIT BREAKERS "SPARE".

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As Shown, unless otherwise noted, all work shall be in accordance with the 2019 California Electrical Code (CEC) and the 2019 California Building Code (CBC). All work shall be in accordance with the 2019 California Electrical Code (CEC) and the 2019 California Building Code (CBC). All work shall be in accordance with the 2019 California Electrical Code (CEC) and the 2019 California Building Code (CBC).



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Electrical Lead - Jerry Leathers  
WSP Job #: 82305156.000

LICENSE STAMPS



PROJECT NAME

TEHAMA COUNTY  
CORNING  
VETERAN'S HALL

1839 SOLANO ST.  
CORNING, CA

SHEET TITLE

ELECTRICAL DEMOLITION  
PLAN - LEVEL 2

DRAWING STATUS

CONSTRUCTION  
DOCUMENTS

REVISIONS

Sym.	Description	Date

Drawn By

Date Issued 2/13/2025

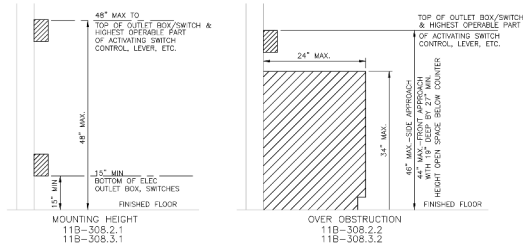
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Project No. 21-6457

SHEET No.

**ED2.3**

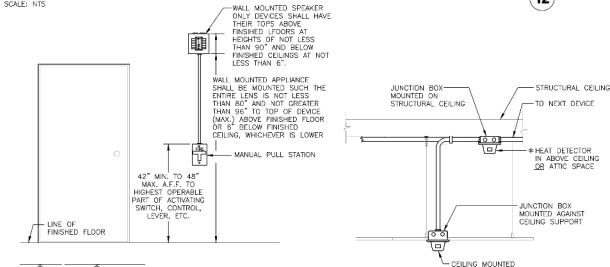




ALL DEVICE HEIGHTS DEPICTED SHALL BE MODIFIED AS REQUIRED BY GOVERNING BUILDING CODES. CONTRACTOR TO VERIFY/RECONFIRM APPLICABLE CODE REQUIREMENTS AND ANY DEVICE HEIGHT REQUIREMENTS DEPICTED ON ARCHITECTURAL OR INTERIOR DESIGN PLANS & SPECIFICATIONS PRIOR TO DEVICE ROUGH-IN. CONSULTOR OR LACK OF MOUNTING HEIGHT SPECIFICITY ON THE ARCHITECTURAL OR INTERIOR DESIGN PLANS & SPECIFICATIONS SHALL BE CAUSE FOR THE CONTRACTOR TO ISSUE A FORMAL WRITTEN RFI FOR RESOLUTION. DEVICE MOUNTING HEIGHT CLARIFICATIONS/SPECIFICATIONS SHALL NOT RESULT IN AN ADDITIONAL COST TO THE OWNER - CONTRACTOR SHALL INCLUDE ALL COSTS IN BASE BID.

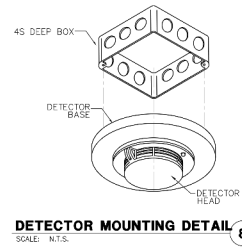
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SCALE: N.T.S.



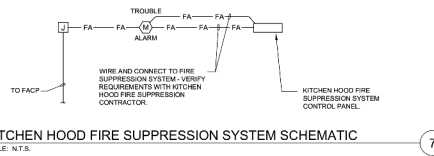
#### MOUNTING HEIGHT OVER OBSTRUCTION DETAIL

SCALE: N.T.S.



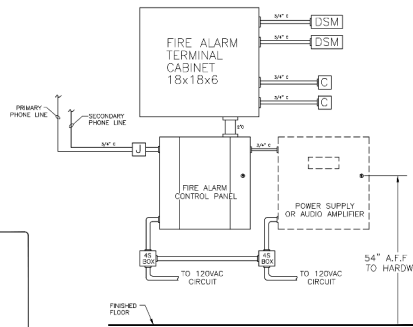
#### DETECTOR MOUNTING DETAIL

SCALE: N.T.S.



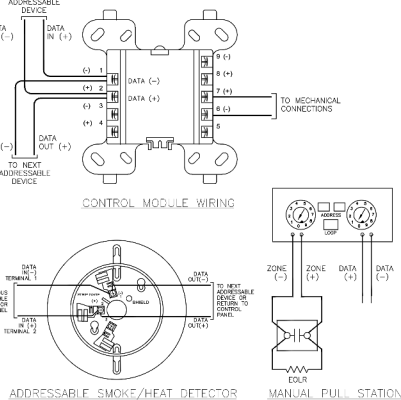
#### KITCHEN HOOD FIRE SUPPRESSION SYSTEM SCHEMATIC

SCALE: N.T.S.



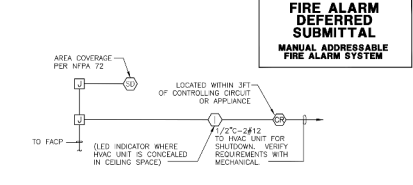
#### FIRE ALARM PANEL/POWER SUPPLY MOUNTING ELEVATION

SCALE: N.T.S.



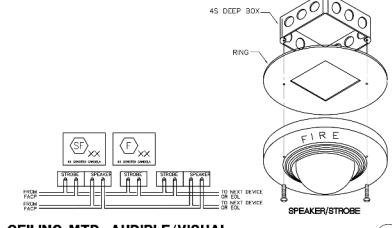
#### DETECTORS WIRING DETAILS

SCALE: N.T.S.



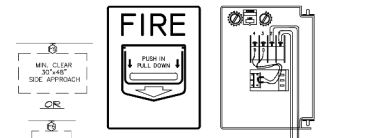
#### HVAC SHUT DOWN SCHEMATIC (AREA COVERAGE)

SCALE: N.T.S.



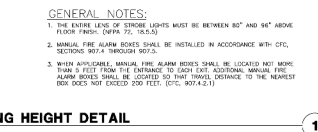
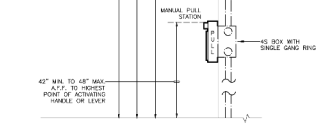
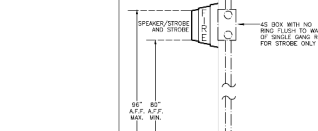
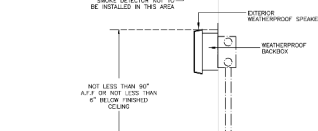
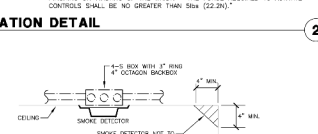
#### CEILING MTD. AUDIBLE/VISUAL

SCALE: N.T.S.



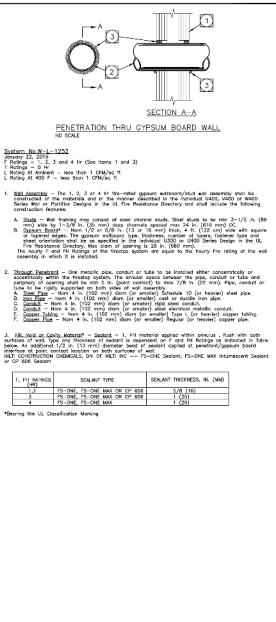
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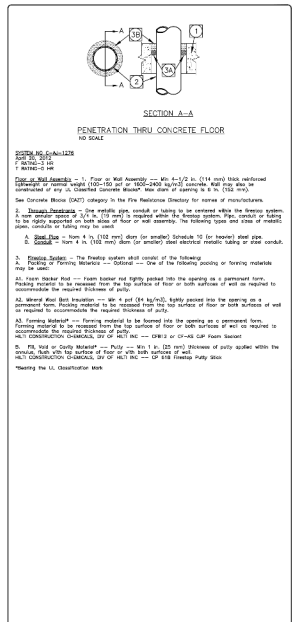
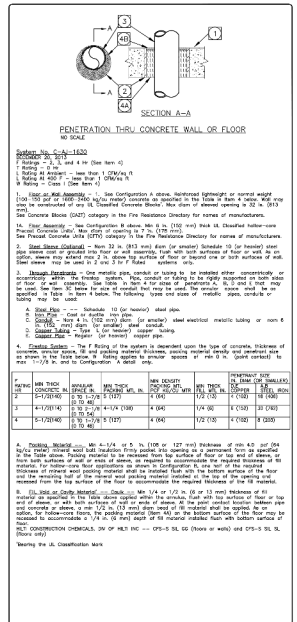
#### MOUNTING HEIGHT DETAIL

SCALE: N.T.S.



#### THROUGH RATED WALL OR FLOOR PENETRATIONS (U.L. LISTINGS)

SCALE: N.T.S.



#### THROUGH RATED WALL OR FLOOR PENETRATIONS (U.L. LISTINGS)

SCALE: N.T.S.

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Electrical Lead - Jerry Leonard  
WSP No. 82005-166-000

LICENSE STAMPS

PROJECT NAME

**TEHAMA COUNTY CORNING VETERAN'S HALL**

1600 SOLANO ST., CORNING, CA

SHEET TITLE

**FIRE ALARM DETAILS**

DRAWING STATUS

**CONSTRUCTION DOCUMENTS**

REVISIONS

Sym.	Description	Date

Drawn By

Date Issued 2/13/2025

Scale

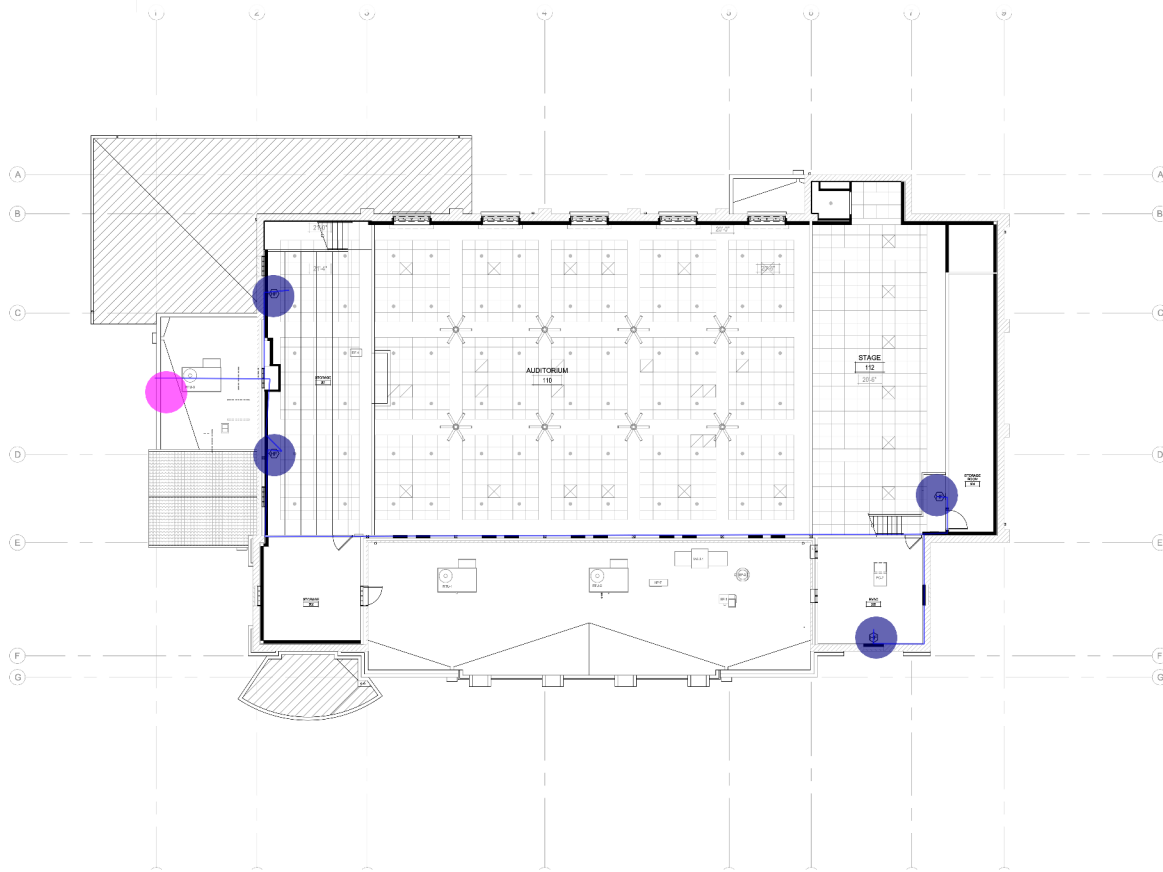
Project No. 21-6497

SHEET No.

**FA0.1**



• FIRE ALARM HORN/FLASING LIGHT	4.0	●
2#14 FPLR CABLE FOR FIRE ALARM	208.4 FT	■
• 2#14 FPLR CABLE FOR FIRE ALARM, 10'-0"	1.0	●



## FIRE ALARM FLOOR PLAN - LEVEL 2

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

PLAN NOTES:

1

FIRE ALARM PLAN GENERAL NOTES:

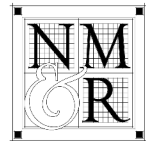
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**FIRE ALARM  
DEFERRED  
SUBMITTAL**

**MANUAL ADDRESSABLE  
FIRE ALARM SYSTEM**

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Electrical Lead - Jerry Leonhardt  
WSP Job #: B2305168.000

LICENSE STAMPS



PROJECT NAME

TEHAMA COUNTY  
CORNING  
VETERAN'S HALL

1820 SOLANO ST.

SHEET TITLE

FIRE ALARM

FLOOR PLAN -  
LEVEL 2

DRAWING STATUS

CONSTRUCTION  
DOCUMENTS

REVISIONS

[illegible]

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used	2/1
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no.	2
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SHEET No. \_\_\_\_\_

EA2 2

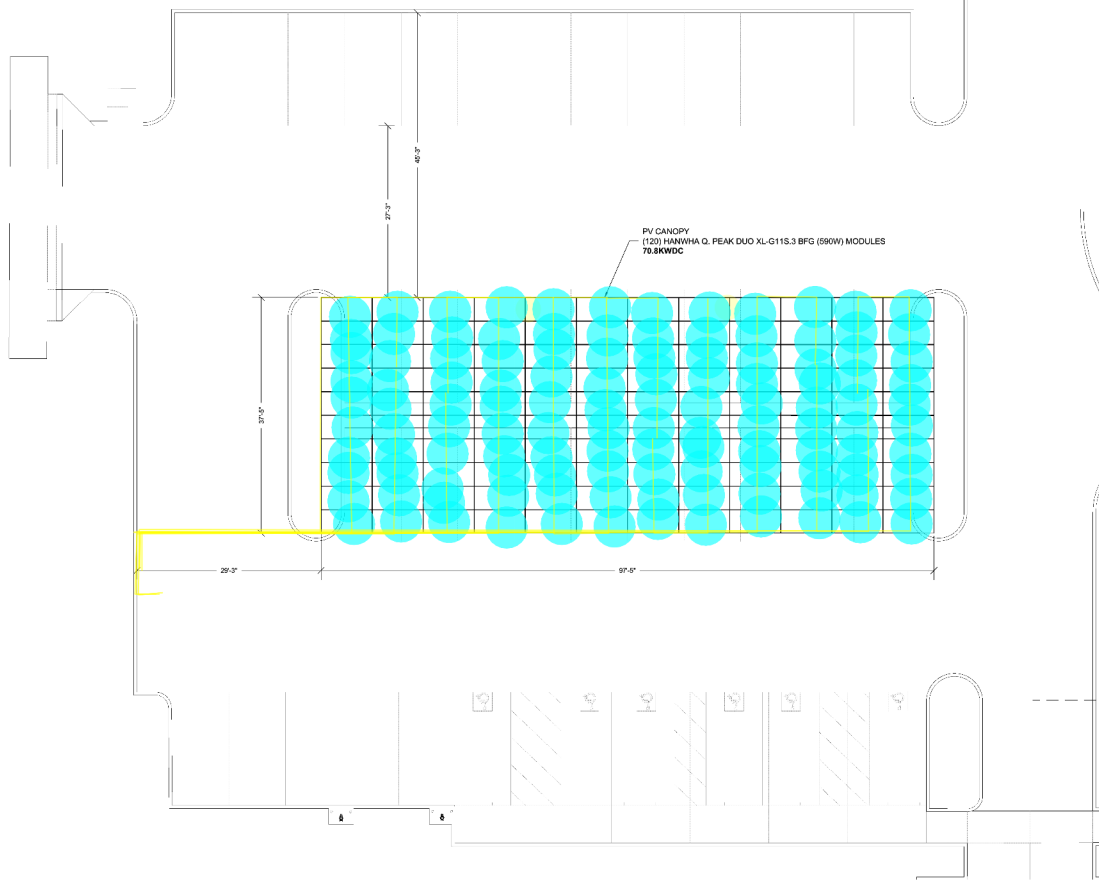
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
Logon Name: J32L722006  
Print Date: February 13, 2020 - 9:40 am  
Veterans Hall Remodel Drawings and Mobile CAD Electrical FAQ Qlog



 PV MODULES, 590W  
 2#10 PV DC CABLE FOR PV MODULES

120.0   
1,306.8 FT 



ENLARGED PARKING AREA  01

### SCOPE OF WORK

1. PV SHEETS ARE INTENDED TO SUPPORT A DESIGN-BUILD APPROACH.
2. FULL PV DESIGN IS INTENDED FOR FUTURE SCOPE. THE PERMIT FOR THE PV CANOPY SHALL BE BY OTHERS.
3. THE EQUIPMENT SPECIFIED IS A BASIS OF DESIGN. EQUIVALENT EQUIPMENT CONFORMING TO THE PROJECT SPECIFICATIONS (26 31 00) IS ACCEPTABLE.

### SHEET NOTES

1. THE PV LAYOUT IS FOR REFERENCE ONLY.
2. STEEL CANOPY DESIGN AND PV MODULE ATTACHMENT DETAIL IS BY OTHERS.

### PV SYSTEM DETAILS

DC SIZE	70.8 KWDC
MODULE	(120) HANWHA Q. PEAK DUO XL-G11S.3/BFG
AC SIZE	175 KWAC
INVERTER	(3) CPS SCA25KTL-DO-US-208
AZIMUTH/TILT	180° / 7°
RACKING	PV PARKING CANOPY

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**CR**

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Photographer - Lee - Jessica Hernandez  
WSP Job #: 62305166.000

LICENSE STAMPS



PROJECT NAME

TEHAMA COUNTY  
CORNING  
VETERAN'S HALL

1829 SOLANO ST.  
CORNING, CA

SHEET TITLE

PV LAYOUT -  
PARKING AREA

DRAWING STATUS

CONSTRUCTION  
DOCUMENTS

REVISIONS

Sym.	Description	Date

Drawn By

Date Issued 2/13/2025

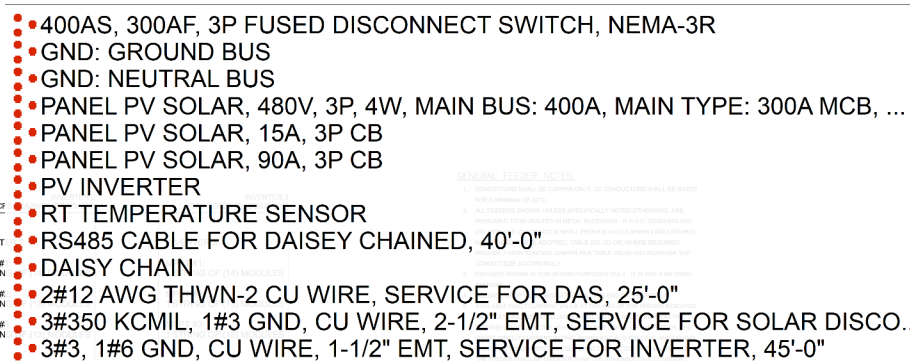
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Project No. 21-6487

SHEET No.

**PV-2.1**

DATE: 02/13/2025  
PROJECT: TEHAMA COUNTY CORNING VETERAN'S HALL  
DRAWN BY: JERRY LEACHARD  
CHECKED BY: JESSICA HERNANDEZ  
APPROVED BY: DANIEL J. NICHOLS  
PROJECT NO: 21-6487



- |     |     |
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| 1.0 | 1.0 |
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| 1.0 | 1.0 |
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| 1.0 | 1.0 |
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| 2.0 | 2.0 |
| 1.0 | 1.0 |
| 3.0 | 3.0 |

GENERAL SINGLE LINE DIAGRAM NOTES:

1. REFER TO MANUFACTURERS SPECIFICATIONS FOR PROPER INSTALLATION OF EQUIPMENT.
  2. ALL OVERCURRENT DEVICES IN AN INDIVIDUAL PIECE OF EQUIPMENT SHALL HAVE AN AIC RATING EQUAL TO THE OVERALL RATING OF THE EQUIPMENT-SERIES RATING OF DEVICES WITHIN A PIECE OF EQUIPMENT IS NOT ALLOWED.
  3. BOND METAL STRUCTURE TO SYSTEM GROUND. PV SYSTEM SHALL BE GROUNDING IN ACCORDANCE WITH NEC 690.43.
  4. BOND PV RACKING PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
- INSTALL: 5 AWG GUL UNLESS OTHERWISE NOTED BY RACKING MANUFACTURER.

**SPECIFIC SINGLE LINE NOTES:**

- |   |   |
|---|---|
| 1 | PV BREAKER SHALL BE GFP-EQUIPPED AND SUITABLE FOR BACKFEED PER NEC 706.32   |
| 2 | NA  |
| 3 | DISCONNECT SHALL BE 247 ACCESSIBLE, LOCKABLE, VISIBLE TYPE PER UTILITY REQUIREMENTS.  |
| 4 | EACH PV SYSTEM DISCONNECTING MEANS SHALL BE PERMANENTLY MARKED PER NEC 690.13(B).   |
| 5 | METER TO BE NET METERED. CONFIRM EXIST REQUIREMENTS WITH UTILITY.   |
| 6 | THE BUILD CONTRACTOR SHALL BE RESPONSIBLE FOR FACILITATING UTILITY INTERSECTION APPROVAL AND COORDINATING SCHEDULING ASSOCIATED WITH PERMISSION TO OPERATE (PTO).   |
| 7 | THE RACKING SYSTEM IS NOT A LISTED OR IDENTIFIED TO RACK PV MODULE FRAMES TO THE RACKING. THEREFORE, AN FGC SHALL BE INSTALLED FOR THE PURPOSE OF AN ELECTRICAL BOND WHERE THE COMPONENTS ARE ELECTRICALLY CONNECTED. |

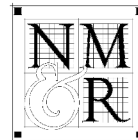
IV MODULES SHALL BE BONDED BY INSTALLING AN ILSOO (OR EQUIVALENT) SOLAR GROUNDING LUG AT THE MODULE FRAME WITH A DAISY-CHAINED 10AWG BARE CU WIRE (OR APPROVED GROUNDING EQUIVALENT).

## EQUIPMENT SCHEDULE

ID	EQUIPMENT	QTY
MID	HANWHA Q PEAK DUO XL-G11S.3 BFG (590W)	120
INV	CPS SC25KTL-D0RUS-208	3
PHL	40XA, 450V 3PH, NEMA 3R, PANELBOARD	1
ACD	400A, 600V 3PH, NEMA 3R, VISIBLE LOOKABLE AC DISCONNECT	1

## SCOPE OF WORK

1. PV SHEETS ARE INTENDED TO SUPPORT A DESIGN-BUILD APPROACH.
2. FULL PV DESIGN IS INTENDED FOR FUTURE SCOPE. THE PERMIT FOR THE PV CANOPY SHALL BE BY OTHERS.
3. THE EQUIPMENT SPECIFIED IS A BASIS OF DESIGN. EQUIVALENT EQUIPMENT CONFORMING TO THE PROJECT SPECIFICATIONS (26 31 00) IS ACCEPTABLE.



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Photovoltaic Lead - Jessica Kendrick  
WSP Job #: B2305166.000

LICENSE STAMPS



PROJECT NAME

TEHAMA COUNTY  
CORNING  
VETERAN'S HALL

1820 SOLANO ST  
CORNING, CA

SHEET TITLE

### PV SINGLE LINE DIAGRAM

DRAWING STATUS  
CONSTRUCTION  
DOCUMENTS

## REVISIONS

[illegible]

Drawn By	
Date Issued	2/13/2025
Scale	-
Project No.	21-6497

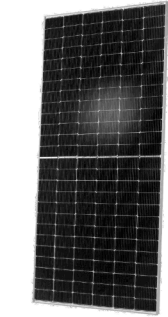
SHEET No. \_\_\_\_\_

PV-3.2

# Q.PEAK DUO XL-G11S SERIES

585-600Wp | 156Cells  
21.5% Maximum Module Efficiency

MODEL Q.PEAK DUO XL-G11S-3-BFG



- Bifacial energy yield gain of up to 21%**  
Bifacial Q.PEAK Duo solar cells enable efficient use of light shining on the module rear-side for radically improved LCOE.
- Low electricity generation costs**  
QUANTUM DUO technology with optimized module layout to boost module power and improve LCOE.
- A reliable investment**  
Double glass module design enables superior lifetime with 12-year product warranty and improved 30-year performance warranty.\*
- Enduring high performance**  
Long-term yield security with Anti-LID and Anti-PID Technology\*, Hot-Spot Protection.
- Frame for versatile mounting options**  
High-tech aluminum alloy frame protects from damage, enables use of a wide range of mounting structures and is certified regarding EC for high snow (5400 kg) and wind loads (2400 kg).
- Innovative all-weather technology**  
Optimal yields, whatever the weather with excellent low-light and temperature behavior.

\*See data sheet on our for further information.  
\*Anti-LID and Anti-PID according to IEC 61201 and IEC 61215, respectively. IEC 61215-1000V MPP, including post-treatment according to IEC 61215-118, 21 (2).

The ideal solution for:  
Ground-mounted  
solar power plants



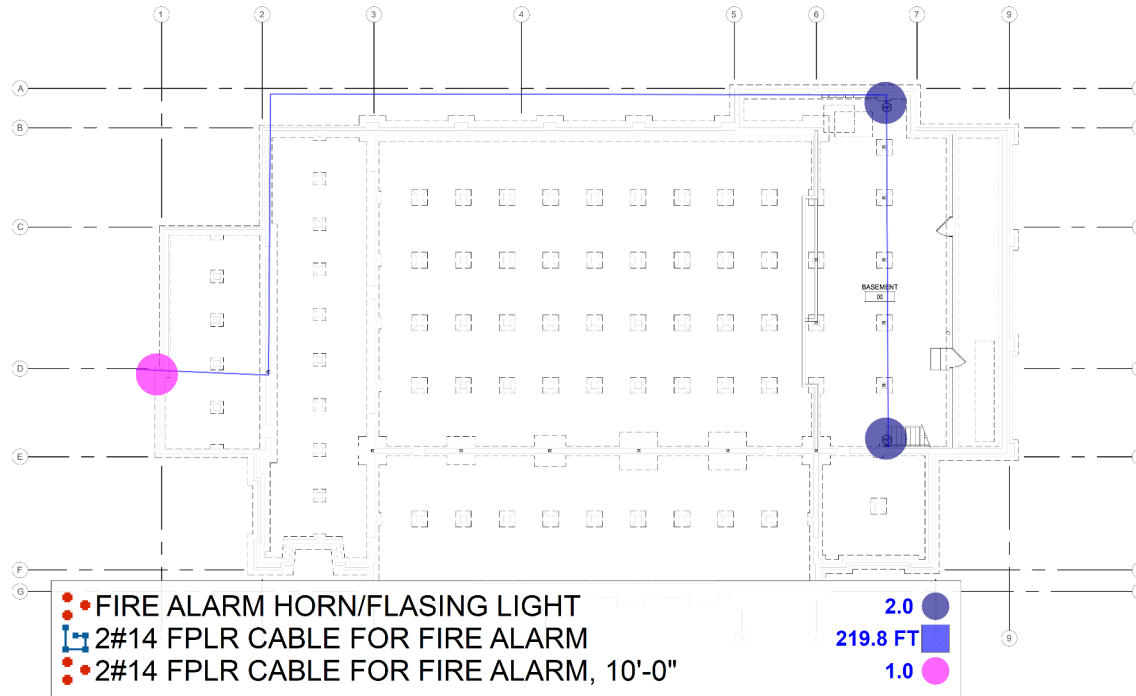
## LABELS & SIGNAGES FOR SOLAR EQUIPMENTS

2.0

### Q.PEAK DUO XL-G11S SERIES

#### Mechanical Specification

Power	585Wp + 600Wp (including frame)
Weight	28.0kg (61.7lb)
Front Cover	7.0mm (0.28in) tempered glass with anti-reflection technology
Back Cover	3.0mm (0.12in) anodized aluminum
Frame	High-tech aluminum alloy
Cell	156 mono-crystalline PERC solar cells
Junction box	208V 3-Phase, 120V 3-Phase, 240V 3-Phase, 480V 3-Phase, 600V 3-Phase, 720V 3-Phase, 840V 3-Phase, 960V 3-Phase, 1080V 3-Phase, 1200V 3-Phase, 1320V 3-Phase, 1440V 3-Phase, 1560V 3-Phase, 1680V 3-Phase, 1800V 3-Phase, 1920V 3-Phase, 2040V 3-Phase, 2160V 3-Phase, 2280V 3-Phase, 2400V 3-Phase, 2520V 3-Phase, 2640V 3-Phase, 2760V 3-Phase, 2880V 3-Phase, 3000V 3-Phase, 3120V 3-Phase, 3240V 3-Phase, 3360V 3-Phase, 3480V 3-Phase, 3600V 3-Phase, 3720V 3-Phase, 3840V 3-Phase, 3960V 3-Phase, 4080V 3-Phase, 4200V 3-Phase, 4320V 3-Phase, 4440V 3-Phase, 4560V 3-Phase, 4680V 3-Phase, 4800V 3-Phase, 4920V 3-Phase, 5040V 3-Phase, 5160V 3-Phase, 5280V 3-Phase, 5400V 3-Phase, 5520V 3-Phase, 5640V 3-Phase, 5760V 3-Phase, 5880V 3-Phase, 6000V 3-Phase, 6120V 3-Phase, 6240V 3-Phase, 6360V 3-Phase, 6480V 3-Phase, 6600V 3-Phase, 6720V 3-Phase, 6840V 3-Phase, 6960V 3-Phase, 7080V 3-Phase, 7200V 3-Phase, 7320V 3-Phase, 7440V 3-Phase, 7560V 3-Phase, 7680V 3-Phase, 7800V 3-Phase, 7920V 3-Phase, 8040V 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## FIRE ALARM FLOOR PLAN - BASEMENT

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

### PLAN NOTES:

1.

### FIRE ALARM PLAN GENERAL NOTES:

1. NOTIFICATION DEVICES IN ROOMS CONTAINING (2) OR MORE AUDIBLE AND/OR (2) OR MORE VISUAL DEVICES SHALL BE SYNCHRONIZED PER NFPA 72. THIS SHALL INCLUDE AUDIBLE AND VISUAL DEVICES LOCATED IN ADJACENT ZONING SPACES.
2. DO NOT DEVIATE FROM CONDUIT RUNS AS SHOWN ON FLOOR PLANS WITHOUT PRIOR APPROVAL FROM SYSTEM SUPPLIER, ENGINEER, FACTORS SUCH AS EXCESSIVE VOLTAGE DROP, ADDITIONAL PARTS, ENGINEERING, ETC. THAT ARE A RESULT OF CONDUIT RUN DEVIATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. DETECTORS SHALL NOT BE LOCATED IN A DIRECT AIR-FLOW, NOR CLOSER THAN 3 FEET (915 mm) FROM ANY AIR SUPPLY DIFFUSER.
4. THE AUDIBLE ALARM NOTIFICATION APPLIANCE SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 dBA ABOVE THE MAXIMUM SOUND LEVEL, HAVING DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIED SPACE WITHIN THE BUILDING PER CFC SECTION 907.5.1.1 THE MINIMUM SOUND PRESSURE LEVEL SHALL BE 60 dBA PER NFPA 72, TABLE A.10.4.3.
5. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR PRECISE OUTLET LOCATIONS.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED DEVICES.
7. IF SHIELDED WIRE IS USED, THE FOLLOWING MUST BE OBSERVED:
  - A. METALLIC CONTINUITY OF THE SHIELD MUST BE MAINTAINED AND INSULATED THROUGHOUT THE ENTIRE LENGTH OF THE CABLE.
  - B. THE ENTIRE LENGTH OF THE CABLE MUST HAVE A RESISTANCE GREATER THAN 1 MEGOHM TO EARTH.
8. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED FROM THE SPREAD OF FIRE WITH AN APPROVED FIRE STOP SYSTEM EQUAL TO OR GREATER THAN THE FIRE RATING OF THE STRUCTURE / SURFACE BEING PENETRATED AS IDENTIFIED IN CFC CHAPTER 7, OR ON OTHER LAB TESTING CRITERIA. APPROVED TYPES OF MATERIALS SHALL BE IDENTIFIED WITHIN THE FIRE ALARM SECTION OF THE PROJECT SPECIFICATIONS.
9. A SYSTEM GROUND MUST BE PROVIDED FOR EARTH DETECTION AND LIGHTNING PROTECTION DEVICES. THIS CONNECTION SHALL BE MADE TO AN APPROVED DEDICATED EARTH CONNECTION PER CFC, ARTICLE 250.
10. WIRING IN DUCTS, PLUMBING AND OTHER AIR HANDLING SPACES MUST BE INSTALLED IN ACCORDANCE WITH CFC.
11. UNDERGROUND WIRING MUST BE FREE OF ALL WATER.
12. ALL FIRE ALARM SYSTEM CONDUCTORS SHALL BE RUN IN A DEDICATED FIRE ALARM CONDUIT SYSTEM.
13. WHERE A DETECTOR IS INDICATED TO BE INSTALLED ABOVE THE CEILING AND NO ACCESS TO THE CEILING SPACE EXISTS, THE ELECTRICAL CONTRACTOR SHALL FURNISH ACCESS PANELS. THE DETECTOR SHALL BE EASILY ACCESSIBLE AND THE LOCATION OF THE DETECTOR SHALL BE CLEARLY MARKED.
14. FIRE ALARM SYSTEM UTILIZES A MANUAL SYSTEM. PROVIDE RELAY MODULE(S) AT FAT/PAK LOCATIONS FOR CONTROL OF HVAC SHUT DOWN, SMOKE/FIRE DAMPER CLOSURE AND DOOR HOLD RELEASES.
15. WHERE NEW DEVICES (AND ASSOCIATED CONDUIT) CANNOT PHYSICALLY BE MOUNTED CONCEALED IN WALLS, RUN IN PARALLEL SURFACE RACEWAY/RACEWAY (AND DEVICES SHALL BE MOUNTED ON SURFACE OUTLET BOXES). REFER TO SPECIFICATIONS. PROVIDE SIZE OF RACEWAY TO ACCOMMODATE THE REQUIRED CONDUCTORS. WHERE CONDUIT IS INDICATED, PROVIDE SURFACE RACEWAY WITH AN EQUAL CROSS SECTION TO THE DIAMETER OF THE CONDUIT INDICATED.
16. DETECTOR SENSITIVITY SHALL BE TESTED USING MANUFACTURER'S CALIBRATED SENSITIVITY INSTRUMENT OR OTHER CALIBRATED TESTING METHOD. (CFC, SECTIONS 907.5.3 AND 907.8.4.)

**FIRE ALARM  
DEFERRED  
SUBMITTAL**  
MANUAL ADDRESSABLE  
FIRE ALARM SYSTEM

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LICENSE STAMPS



PROJECT NAME

**TEHAMA COUNTY**  
**CORNING**  
**VETERAN'S HALL**

1830 SOLORIO ST.  
CORNING, CA

SHEET TITLE

**FIRE ALARM**  
**FLOOR PLAN -**  
**BASEMENT**

DRAWING STATUS

**CONSTRUCTION**  
**DOCUMENTS**

REVISIONS

Sym.	Description	Date

Drawn By	
Date Issued	2/13/2025
Scale	1/8" = 1'-0"
Project No.	21-6487

SHEET NO.

**FA2.1**