

REVIEWED FOR CODE CONFORMANCE
BY THE CALIFORNIA STATE ELECTRICAL INSPECTION BUREAU
AND APPROVED AS MEETING CALIFORNIA ELECTRICAL CODE
AND NATIONAL ELECTRICAL CODE REQUIREMENTS
BUREAU OF ELECTRICAL INSPECTION
DATE: 06/02/2023

THIS DRAWING HAS BEEN REVIEWED AND APPROVED AS MEETING CALIFORNIA ELECTRICAL CODE AND NATIONAL ELECTRICAL CODE REQUIREMENTS BY THE CALIFORNIA STATE ELECTRICAL INSPECTION BUREAU. THIS DRAWING IS NOT A SUBSTITUTION FOR AN ELECTRICAL CONTRACTOR'S DESIGN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE CONTRACTOR'S DESIGN MEETS THE CALIFORNIA ELECTRICAL CODE AND NATIONAL ELECTRICAL CODE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE ELECTRICAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE ELECTRICAL SYSTEM AND FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS AND STANDARDS.

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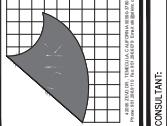
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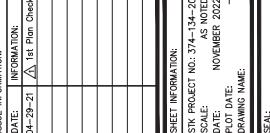
<p>GENERAL NOTES</p> <p>1. ALL FIRE ALARM EQUIPMENT IS TO BE LISTED AND APPROVED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE FOR USE IN THE UNITED STATES AND CANADA.</p> <p>2. STROKES ARE TO BE LISTED AND APPROVED BY THE UL LISTING SERVICE.</p> <p>3. LISTED OR UL LISTED PRODUCTS ARE TO BE USED AND LOCATED AS MEANS OF EXIT.</p> <p>4. THE DESIGNATION OF A RELAY AS AUTOMATICAL, MEANS THAT THE RELAY IS TO BE ACTIVATED BY AN AUTOMATIC DEVICE, SUCH AS A SMOKE ALARM, WHICH IS LISTED AND APPROVED BY THE UL LISTING SERVICE OR THE CSA LISTING SERVICE.</p> <p>5. PROVIDED REVERSE POLARITY FOR THE POWER SUPPLY.</p> <p>6. RADAR ALARM AND CONTROL SIGNALS ARE AUTOMATICALLY CAPABLE OF PEEPING AT THE MAXIMUM CURRENT CAPABLE TO WORK ON THE LINE.</p> <p>7. INFORMATION CONCERNING THE OPERATION OF THE SYSTEM IS TO BE FOUND IN THE OPERATING INSTRUCTIONS.</p> <p>8. CONSIDERATION IS TO BE ACCORDINGLY MADE TO THE LOCATION OF THE FIRE ALARM CONTROL PANEL (FACP) AND THE LOCATION OF THE FIRE ALARM CONTROLLER (FACP).</p>																																																																					
<p>FIRE ALARM WIRING SCHEDULE</p> <table border="1"> <thead> <tr> <th>CONNECTION</th> <th>WIRING COLOR</th> <th>MANUFACTURER</th> <th>APPLICATION</th> <th>DEVICE NAME</th> <th>ACCESS NUMBER</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>24V DC UPS</td> <td>INDUSTRIAL POWER</td> <td>SOLID STATE</td> <td>P# #</td> <td></td> </tr> <tr> <td>V</td> <td>24V DC TRANSFORMER</td> <td>UNICOM TRANSFORMERS</td> <td>STROBE ALARM CIRCUIT</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>24V DC TRANSFORMER</td> <td>UNICOM TRANSFORMERS</td> <td>HORN POWER</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>24V DC UPS</td> <td>INDUSTRIAL POWER</td> <td>SPEAKER CIRCUIT</td> <td>P# #</td> <td>2</td> </tr> <tr> <td>N</td> <td>24V DC UPS</td> <td>INDUSTRIAL POWER</td> <td>NOTIFICATION CIRCUIT</td> <td>V# #</td> <td>2</td> </tr> <tr> <td colspan="6">REMARKS: 1. THE INDUSTRIAL POWER UNITS ARE NOT TO BE CONNECTED TO TWO VOLTAGE VANS.</td> </tr> </tbody> </table>		CONNECTION	WIRING COLOR	MANUFACTURER	APPLICATION	DEVICE NAME	ACCESS NUMBER	O	24V DC UPS	INDUSTRIAL POWER	SOLID STATE	P# #		V	24V DC TRANSFORMER	UNICOM TRANSFORMERS	STROBE ALARM CIRCUIT			B	24V DC TRANSFORMER	UNICOM TRANSFORMERS	HORN POWER			A	24V DC UPS	INDUSTRIAL POWER	SPEAKER CIRCUIT	P# #	2	N	24V DC UPS	INDUSTRIAL POWER	NOTIFICATION CIRCUIT	V# #	2	REMARKS: 1. THE INDUSTRIAL POWER UNITS ARE NOT TO BE CONNECTED TO TWO VOLTAGE VANS.																															
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<p>DESIGN AND ENGINEERING CONTRACT</p> <p>PROJECT ADMINISTERED BY SAN BERNARDINO COUNTY PROJECT FACILITIES MANAGEMENT DEPARTMENT - PROJECT MANAGEMENT DIVISION</p>																																																																					
<p>PROJECT NAME: SAN BERNARDINO COUNTY RANCHO CUCAMONGA NEW YARD CONSTRUCTION</p> <p>PROJECT # 10.10.1333</p> <p>CP # 27-042</p> <p>CAP # E1005</p> <p>APN: 1089031900000,</p> <p>10890311300000</p>																																																																					
<p>CONSTRUCTION NOTES</p> <ul style="list-style-type: none"> ① PROJECT NO. 10.10.1333 (CONTINUED FROM OTHER DRAWINGS) ② BACK TO BACK WALL MOUNTING, RADAR WITH LOCAL SERVICE CIRCUIT, INDIVIDUAL WALL INDICATION AND SPARE ACCESSIBLE ③ HORN/STROBE, INDIVIDUAL WALL INDICATION AND SPARE ACCESSIBLE ④ INDIVIDUAL FIRE ALARMING SCHEDULE FOR ALL CALL POINTS ⑤ PROVISION FOR POWER SUPPLY BACKUP MONITORED TO WALL SILENTLY. ⑥ PROVIDED SPARE BY WESTERN MICRO. 																																																																					
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STARTING VOLTS/VOLTS =	24	0.132	0.132	0.132	24	0.132																																																															
<p>STEEL STUD MOUNTING 4</p> <p>The diagram shows a steel stud being mounted to a wall. A spring and lock hardware is used to secure the stud to a metal plate. Labels indicate the stud weight (MAX. WEIGHT 100 lbs), the stud type (HEAVY STUD BONDING), and the plate type (OPTIMIZED).</p>																																																																					
<p>FIRE ALARM RISER DIAGRAM</p> <p>STRIKES: 1. FIRE ALARM RISER</p> <p>REMARKS: 1. FIRE ALARM RISER</p> <p>2. FIRE ALARM RISER</p> <p>3. FIRE ALARM RISER</p> <p>4. FIRE ALARM RISER</p> <p>5. FIRE ALARM RISER</p> <p>6. FIRE ALARM RISER</p> <p>7. FIRE ALARM RISER</p> <p>8. FIRE ALARM RISER</p> <p>9. FIRE ALARM RISER</p> <p>10. FIRE ALARM RISER</p> <p>11. FIRE ALARM RISER</p> <p>12. FIRE ALARM RISER</p> <p>13. FIRE ALARM RISER</p> <p>14. FIRE ALARM RISER</p> <p>15. FIRE ALARM RISER</p> <p>16. FIRE ALARM RISER</p> <p>17. FIRE ALARM RISER</p> <p>18. FIRE ALARM RISER</p> <p>19. FIRE ALARM RISER</p> <p>20. FIRE ALARM RISER</p> <p>21. FIRE ALARM RISER</p> <p>22. FIRE ALARM RISER</p> <p>23. FIRE ALARM RISER</p> <p>24. FIRE ALARM RISER</p> <p>25. FIRE ALARM RISER</p> <p>26. FIRE ALARM RISER</p> <p>27. FIRE ALARM RISER</p> <p>28. FIRE ALARM RISER</p> <p>29. FIRE ALARM RISER</p> <p>30. FIRE ALARM RISER</p> <p>31. FIRE ALARM RISER</p> <p>32. FIRE ALARM RISER</p> <p>33. FIRE ALARM RISER</p> <p>34. 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CONSULTANT:



386 N. ARROWHEAD AVE.
SAN BERNARDINO, CA 92404
PROJECT NAME:
SAN BERNARDINO COUNTY
RANCHO CUCAMONGA
NEW YARD
CONSTRUCTION
PROJECT # 10.1.333
CIP # 23-042
CAF# E1005
AFN: 10890313900000
AFN: 10890313000000
1216 BASE LINE ROAD
RANCHO CUCAMONGA



TYPICAL WIRING DIAGRAM: NPP16 EFP

WIRE LEGEND:

- [] = CAT 5e (CLASS 2)
- [] = LINE VOLTS

nPP16 EFP

To Additional Night Devices
See Layouts

nPP16 D EFP

To Additional Night Devices
See Layouts

WIRE LEGEND:

- [] = CAT 5e (CLASS 2)
- [] = LINE VOLTS
- [] = GND

LOAD (a), **LOAD (b)**, **LOAD (c)**, **LOAD (d)**, **LOAD (e)**, **LOAD (f)**, **LOAD (g)**, **LOAD (h)**

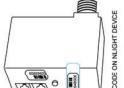
WIRE LEGEND:

- [] = CAT 5e (CLASS 2)
- [] = LINE VOLTS
- [] = GND

14-LAMP RECESSED PAR38 120V 277V

WIRE LEGEND:

- [] = CAT 5e (CLASS 2)
- [] = LINE VOLTS
- [] = GND



NIGHT BARCODE INSTRUCTIONS

EIGHT BARCODE INSTRUCTIONS

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NLIGHT ARP TO NECY AND LSA APS OL

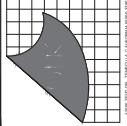
TYPICAL WIRING DIAGRAM: NPP116 D EFP

REVIEWED FOR CODE COMPLIANCE All plans and documents have been reviewed and found to be in compliance with applicable codes and regulations if the location, usage and terrain is suitable to support other design and code conditions.

CONTROL DETAILS

SHEET NO.:

E0.4

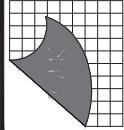


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REGISTRE

<p>Section 1 Household Details</p> <p>Section 2 Household Income</p> <p>Section 3 Household Expenditure</p>	<p>Section 4 Debt Status</p> <p>Section 5 Employment Status</p> <p>Section 6 Education Status</p> <p>Section 7 Health Status</p> <p>Section 8 Housing Status</p> <p>Section 9 Financial Health</p> <p>Section 10 Risk Tolerance</p> <p>Section 11 Investment Objectives</p> <p>Section 12 Investment Preferences</p> <p>Section 13 Investment Constraints</p> <p>Section 14 Investment Risk</p> <p>Section 15 Investment Strategy</p> <p>Section 16 Investment Allocation</p> <p>Section 17 Investment Performance</p> <p>Section 18 Investment Monitoring</p> <p>Section 19 Investment Adjustments</p> <p>Section 20 Investment Rebalancing</p> <p>Section 21 Investment Diversification</p> <p>Section 22 Investment Reinvestment</p> <p>Section 23 Investment Withdrawals</p> <p>Section 24 Investment Taxes</p> <p>Section 25 Investment Fees</p> <p>Section 26 Investment Returns</p> <p>Section 27 Investment Summary</p>	<p>Section 28 Conclusion</p> <p>Section 29 Signature</p> <p>Section 30 Next Steps</p>
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4236 ZENO DA TEMOCICA INFORMATION SYSTEMS LTD
PHONE: 551-2566116 FAX 551-2566116 E-MAIL: ZENO@MICRO.COM.CA



U.S.
REGISTERED

<p>Guidelines</p> <p>Upgrading</p> <p>Guidelines for upgradations</p> <p>Guidelines for downgrades</p>	<p>Guidelines</p> <p>Upgrading</p> <p>Guidelines for upgradations</p> <p>Guidelines for downgrades</p>	<p>Guidelines</p> <p>Upgrading</p> <p>Guidelines for upgradations</p> <p>Guidelines for downgrades</p>	<p>Guidelines</p> <p>Upgrading</p> <p>Guidelines for upgradations</p> <p>Guidelines for downgrades</p>	<p>Guidelines</p> <p>Upgrading</p> <p>Guidelines for upgradations</p> <p>Guidelines for downgrades</p>	<p>Guidelines</p> <p>Upgrading</p> <p>Guidelines for upgradations</p> <p>Guidelines for downgrades</p>
<p>OPTIONAL FORM FOR DOWNGRADE</p> <p>This form is optional and may be used by the system operator to indicate that certain equipment or facilities will be removed from service as part of the upgrade operation. The system operator must advise the regional transmission organization and the FERC of all other affected parties that certain equipment or facilities will be removed from service as part of this upgrade. The system operator must also advise the regional transmission organization and the FERC of the specific nature of the equipment or facilities being removed, starting, connecting being removed, and disconnected.</p>					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 Federal Energy Regulatory Commission U.S. Department of Energy 800-365-FERC (3622) • 202-501-4000 www.ferc.gov					
 Regional Transmission Organization U.S. Department of Energy 800-365-RTO (7886) • 202-501-4000 www.ferc.gov					
 Independent System Operator U.S. Department of Energy 800-365-ISO (4767) • 202-501-4000 www.ferc.gov					
 Midcontinent Independent System Operator U.S. Department of Energy 800-365-MISO (6476) • 202-501-4000 www.ferc.gov					
 Southwestern Power Pool U.S. Department of Energy 800-365-SPP (7777) • 202-501-4000 www.ferc.gov					
 North American Power Pool U.S. Department of Energy 800-365-NPIC (6742) • 202-501-4000 www.ferc.gov					
 Eastern Power Pool U.S. Department of Energy 800-365-EPIC (3742) • 202-501-4000 www.ferc.gov					
 Interconnection Pool U.S. Department of Energy 800-365-IPIC (4722) • 202-501-4000 www.ferc.gov					
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 Interconnection Pool U.S. Department of Energy 800-365-IPIC (4722) • 202-501-4000 www.ferc.gov					

PROJECT NAME:
SAN BENITO COUNTY
RANCHO CUCAMONGA
NEW YARD
CONSTRUCTION

PROJECT # 10.10.1.333
CIP # 23-042
CAFIA # ET10005

APN: 10890331390000,
10893313500000

NO.: E07