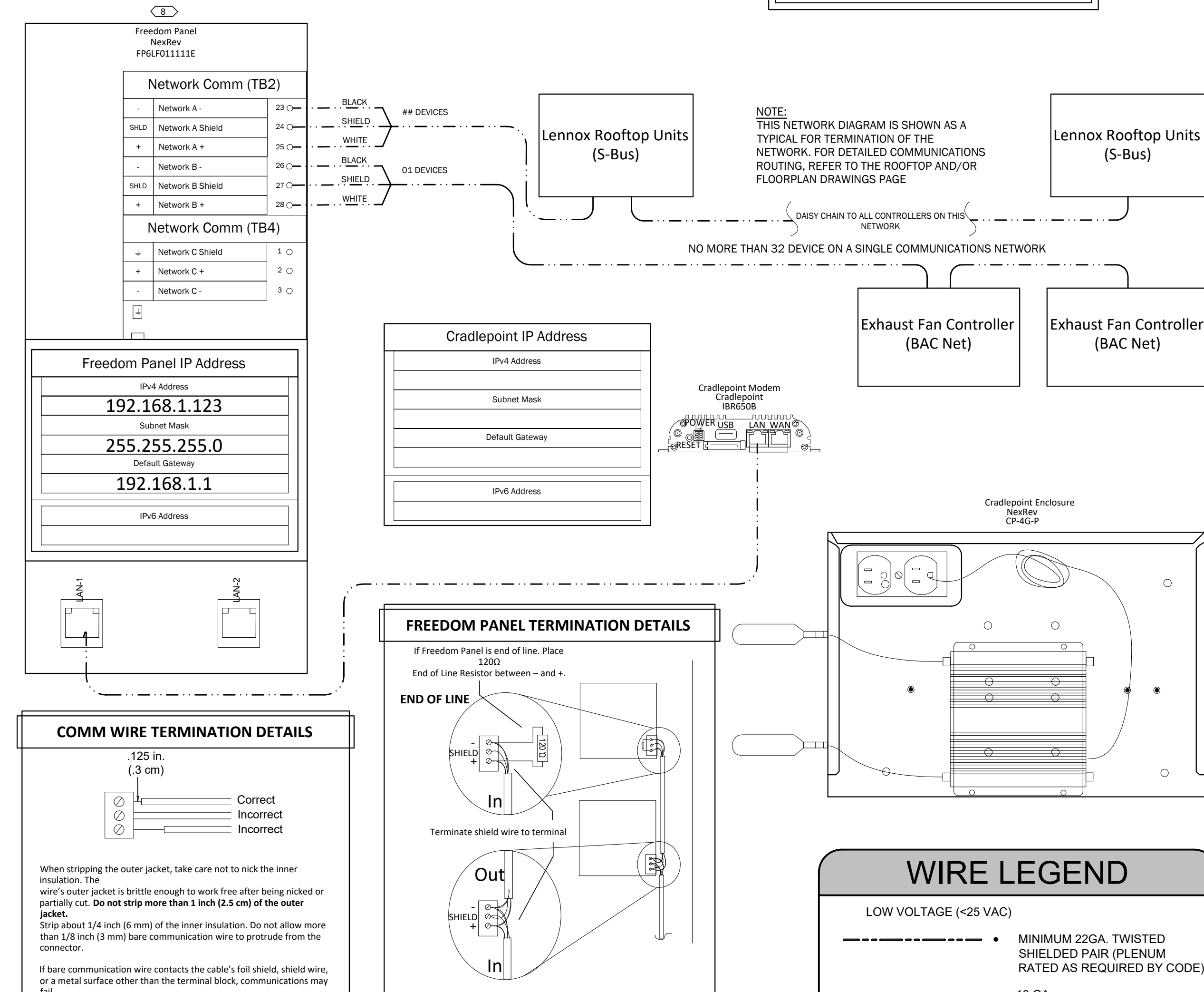
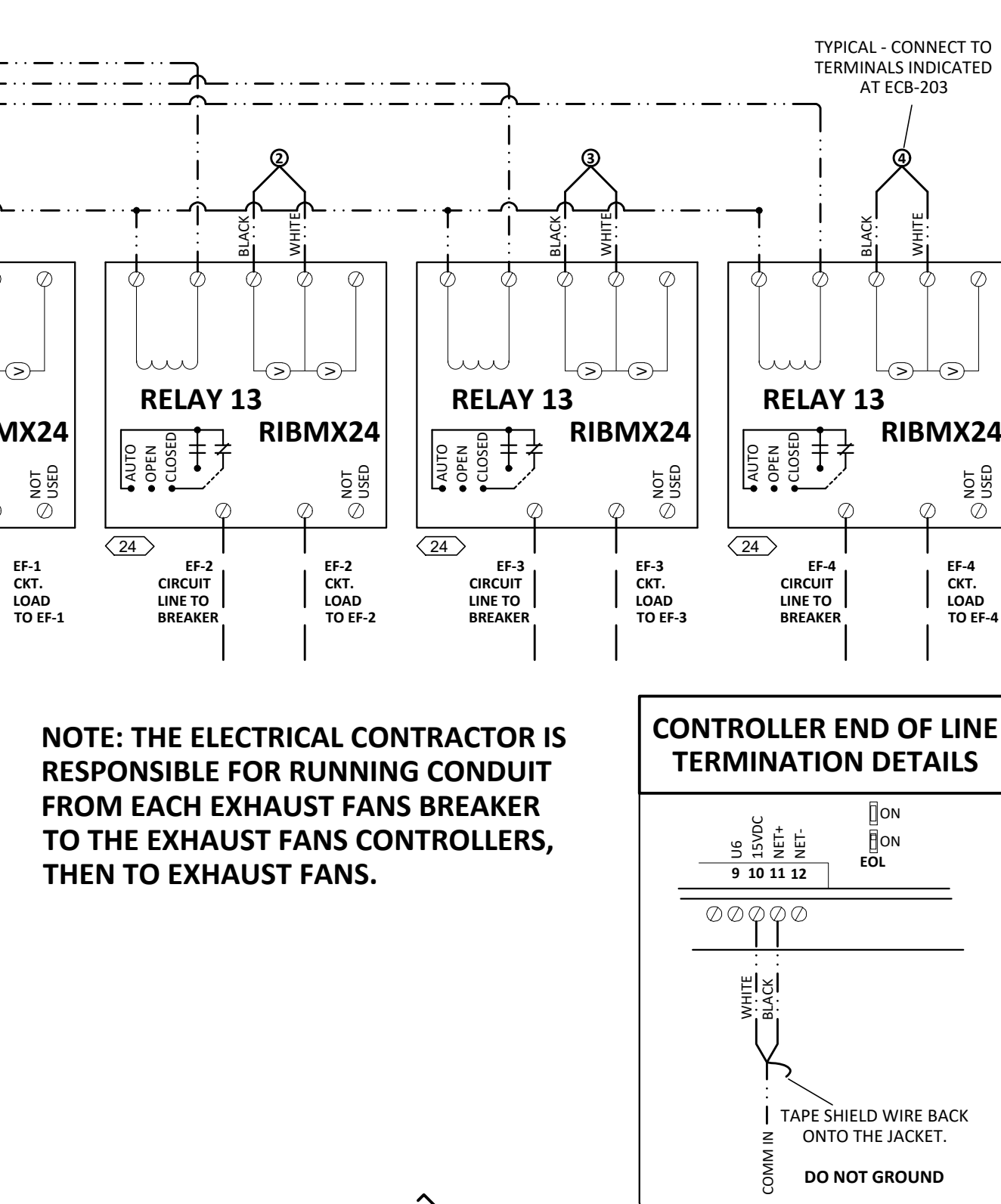
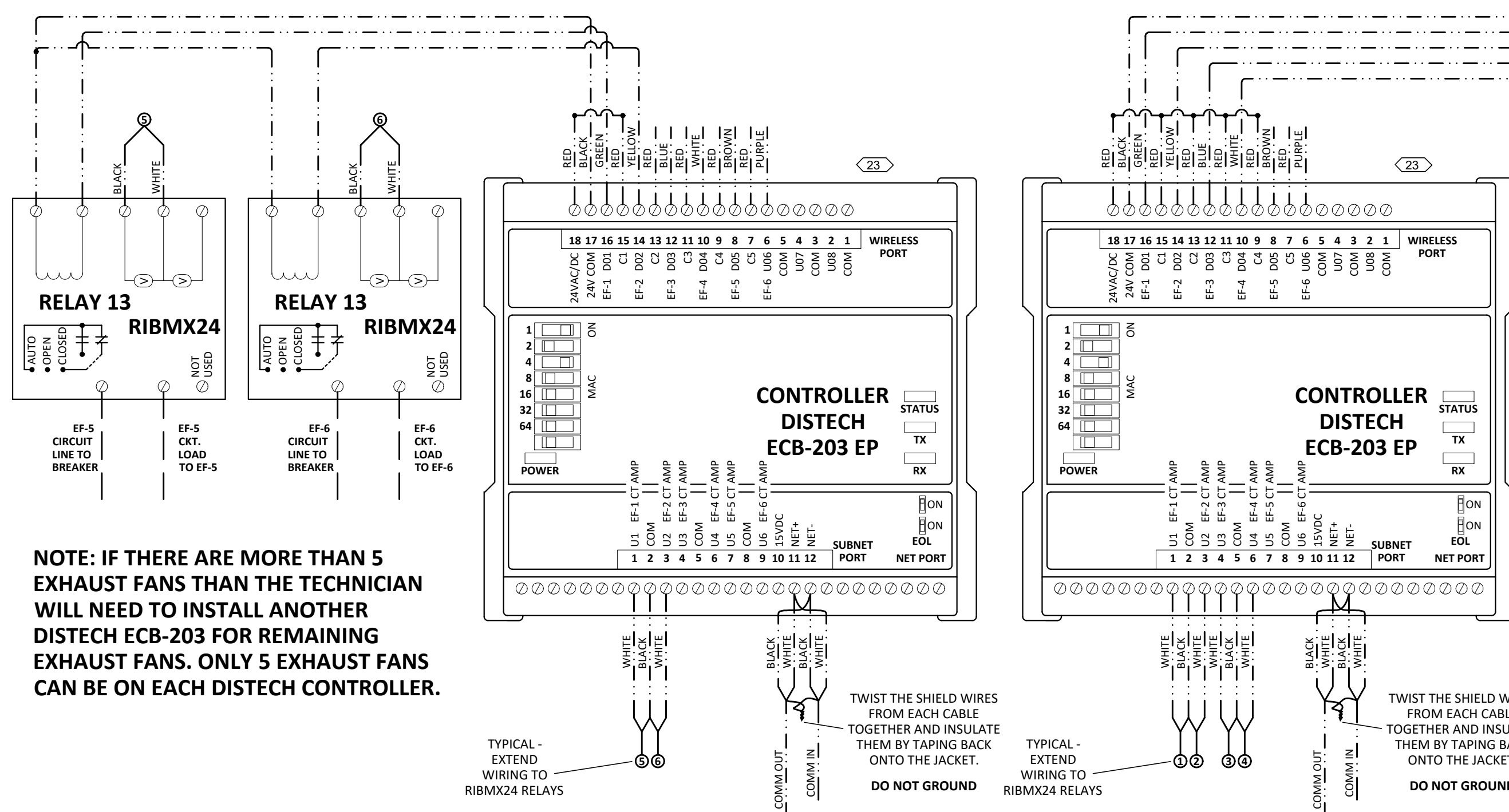
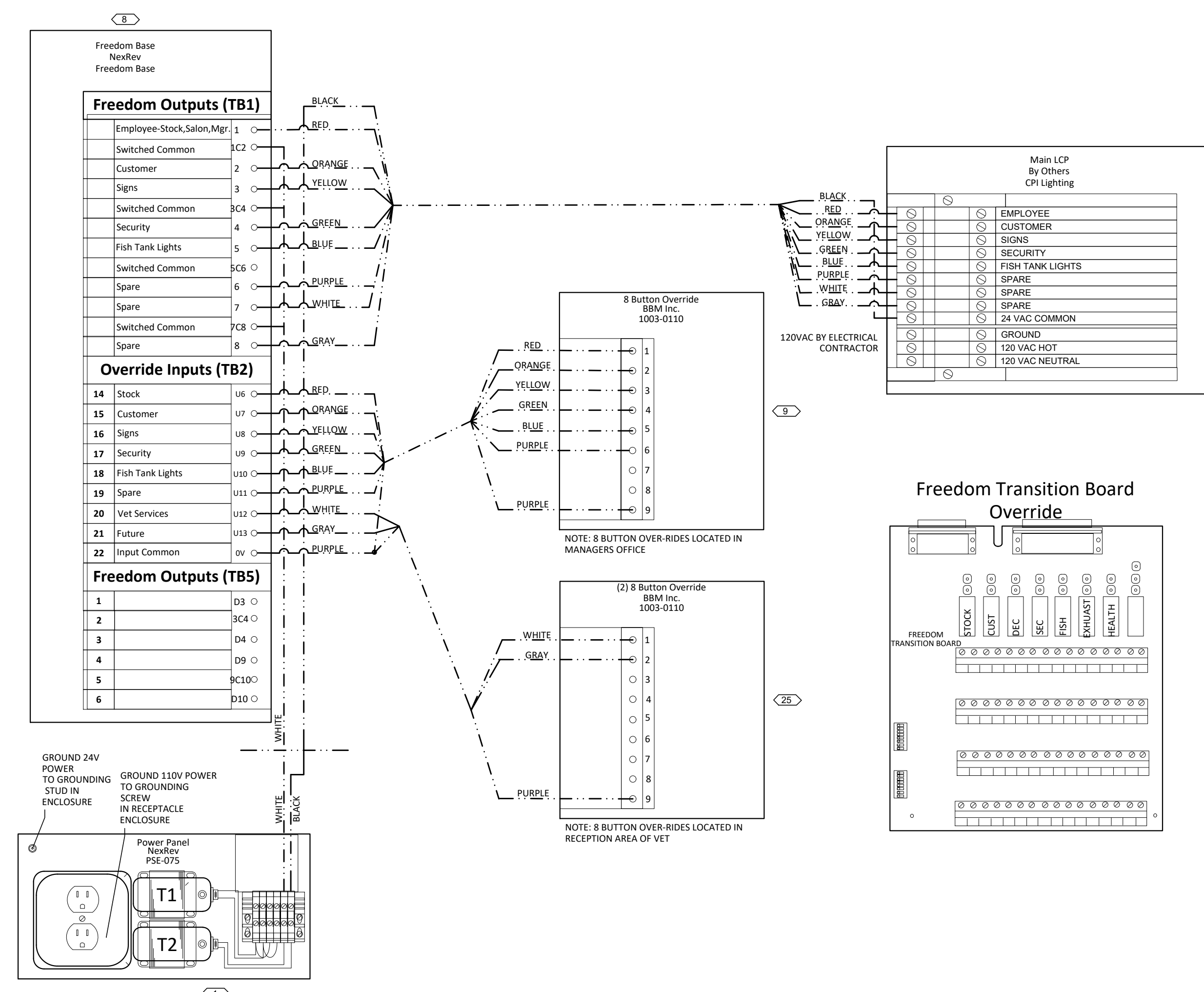
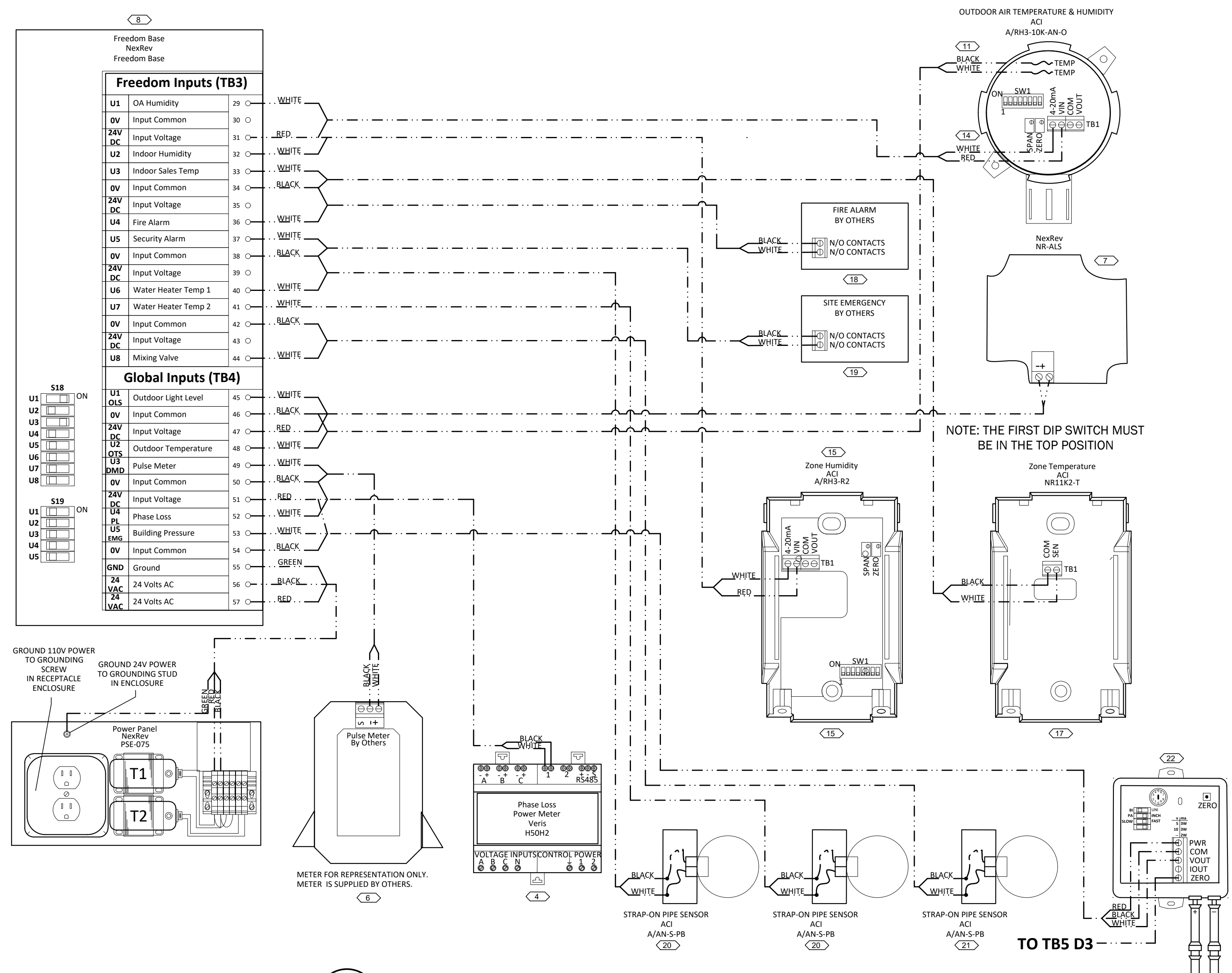




- ## KEYED NOTES
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| 1 | 40 VA TRANSFORMER TO SUPPLY POWER TO CONTROL RELAYS LOCATED IN EMS NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) - EMS SELECTION. |
| 2 | CONTACTOR BY EMS NATIONAL ACCOUNTS VENDOR, NUMBER OF POLES NORMALLY CLOSED AS DETAILER PER LIGHTING CONTACTOR ONE-LINE (TYP.). |
| 3 | IDEC SPDT 24 VAC RELAY AND BASE MOUNTING BY NATIONAL ACCOUNTS VENDOR. |
| 4 | VERIS WATT TRANSUCER MODEL METER H815 PROVIDED AND INSTALLED BY EMS NATIONAL ACCOUNTS VENDOR. |
| 5 | EMS NATIONAL ACCOUNTS VENDOR TO PROVIDE CIRCUIT BREAKER IN PANEL MDP FOR PHASE LOSS MONITOR. |
| 6 | PHASE LOSS MONITOR PROVIDED. INSTALLED AND FACTORY WIRED IN. |
| 7 | OLS. OUTDOOR LIGHT SENSOR. SEE SHEET EM2. |
| 8 | FREEDOM BASE AND CONTROL POWER EQUIPMENT PRODUCT PROVIDED. - SEE EM2 FOR LAYOUT. |
| 9 | (8) BUTTON OVERRIDE PANEL LOCATED IN MANAGERS OFFICE 104. SEE E2.0. |
| 10 | FURNISHED BY ROOFTOP UNIT MANUFACTURER. INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR. |
| 11 | OTS. OUTDOOR TEMPERATURE SENSOR - SEE SHEET EM2. |
| 12 | S.A.C.P./F.A.C.P. NO RTU SHUT DOWN TO BE SOFTWARE DRIVEN ON SMOKE DETECTION - UNITS MUST HAVE HARD WIRED SMOKE DETECTORS. CHECKPOINT IS TO PROVIDE A SPDT RELAY MODULE MOUNTED NEXT TO THE S.A.C.P./F.A.C.P. ON A DOUBLE - GANG BOX FOR CONNECTION TO THE EMS SYSTEM BY THE E.C. THIS RELAY MODULE WILL BE LABELED EMS TO PREVENT CONFLICT WITH OTHER RELAYS THAT MAY BE MOUNTED NEARBY. THE E.C. WILL BE RESPONSIBLE FOR INSTALLING CONDUIT & TWO CONDUCTORS BETWEEN THE MODULE (COM&NO) AND THE EMS SYSTEM EMERGENCY STATUS INPUT. |
| 13 | ALL CONTACTORS, RELAYS & LOW VOLTAGE WIRING PROVIDED, INSTALLED AND FACTORY WIRED BY EMS NATIONAL ACCOUNTS VENDOR IN THE INTEGRATED POWER CENTER (IPC). |
| 14 | OHS. OUTDOOR HUMIDITY SENSOR - SEE SHEET EM2. |
| 15 | ALL INTERNAL CONTROL WIRING SHALL BE RUN IN NEAT - AND - WORKMAN - LIKE MANNER. LABEL ALL WIRES WITH NUMBERS. |
| 16 | ZONE HUMIDITY SENSOR - SEE SHEET EM2. |
| 17 | INDOOR TEMPERATURE SENSOR - COORDINATE WITH EMS NATIONAL VENDOR. |
| 18 | SECURITY PANEL. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING CONDUIT & TWO CONDUCTORS BETWEEN THE MODULE AND THE EMS NEXREV STATUS IN. |
| 19 | FIRE PANEL. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING CONDUIT & TWO CONDUCTORS BETWEEN THE MODULE AND THE EMS NATIONAL ACCOUNTS VENDOR STATUS INPUT. |
| 20 | WATER HEATER OUTLET - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR. |
| 21 | MIXING VALVE SENSOR - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR. |
| 22 | BUILDING PRESSURE SENSOR - COORDINATE WITH NATIONAL ACCOUNTS VENDOR. |
| 23 | DISTECH CONTROLLER - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR. |
| 24 | RELAY CONTROLLER - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR. |
| 25 | (8) BUTTON OVERRIDE PANEL LOCATED IN VET SERVICES CHECK-IN. SEE E2.1. |

- ## GENERAL NOTES
1. ENERGY MANAGEMENT COMPONENTS ARE FURNISHED BY EMS NATIONAL ACCOUNTS VENDOR CONTROLS (WITH THE EXCEPTION OF EQUIPMENT INTERNAL TO NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC)).
 2. ALL WIRING AND TERMINATIONS SHOWN ARE BY THE ELECTRICAL CONTRACTOR.
 3. ALL LOW VOLTAGE WIRING EXTERNAL TO THE ENCLOSURE MAY BE OPEN CABLE (PLENUM CABLE WHEN REQUIRED) IF LOCAL CODES PERMIT.
 4. ALL COMPONENTS SHOWN EXTERNAL TO "FREEDOM PANEL" ENCLOSURE ARE MOUNTED AND WIRED BY THE ELECTRICAL CONTRACTOR (WITH THE EXCEPTION OF EQUIPMENT INTERNAL TO NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC)).
 5. ALL COMPONENTS SHOWN EXTERNAL TO NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) - EMS SECTION IS MOUNTED AND WIRED BY NATIONAL ACCOUNTS VENDOR.
 6. LOW VOLTAGE CONDUCTORS SHALL MAINTAIN A MINIMUM 1/4" CLEARANCE FROM POWER CONDUCTORS.

