RACF/SDCC Network Operations
Status Report (Jan 10, 2019)

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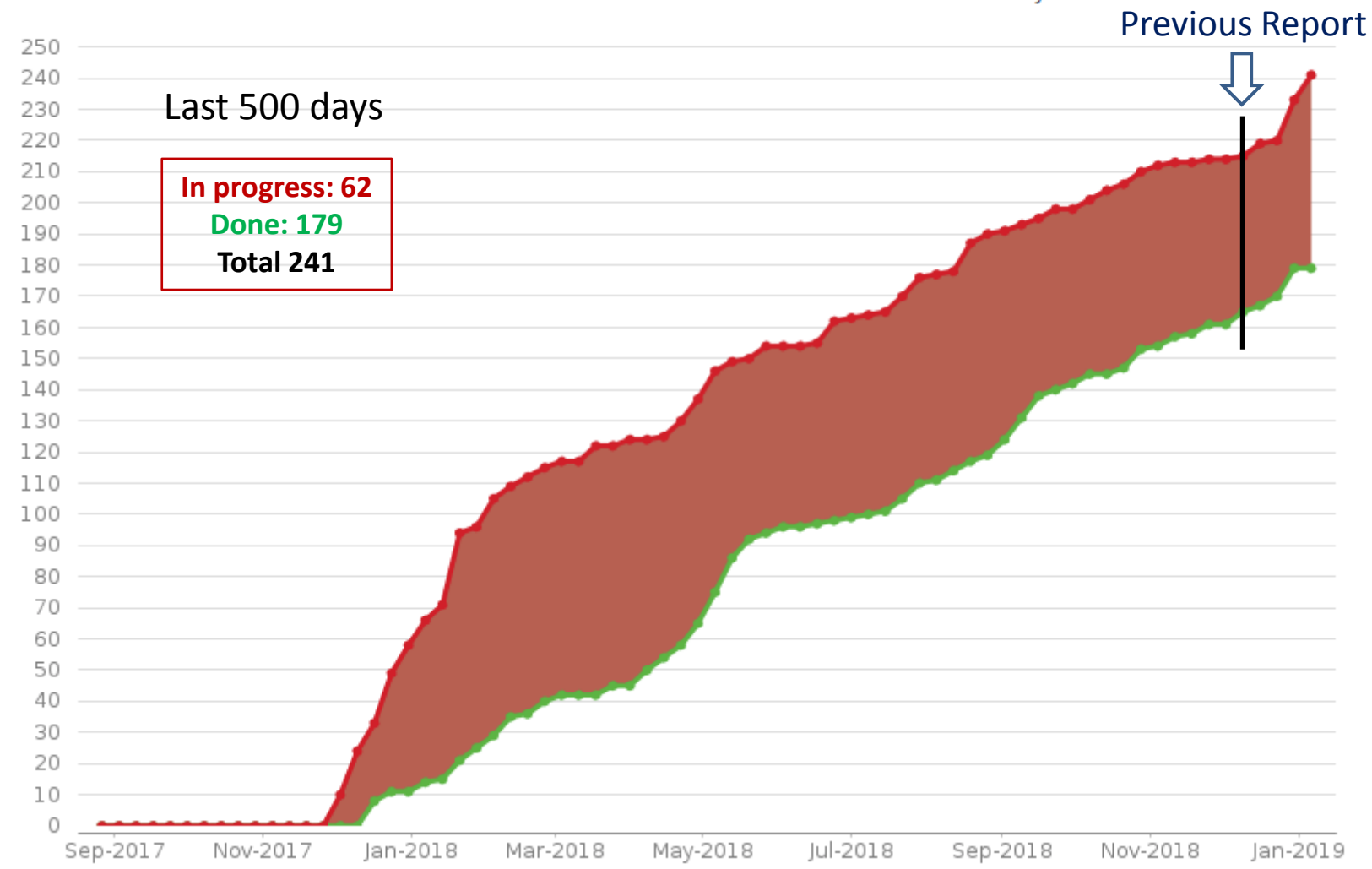
Project: Post RHIC Migration BCF & CDCE Cleansing & Service Normalization (2018Q1-2019Q2)

Chart

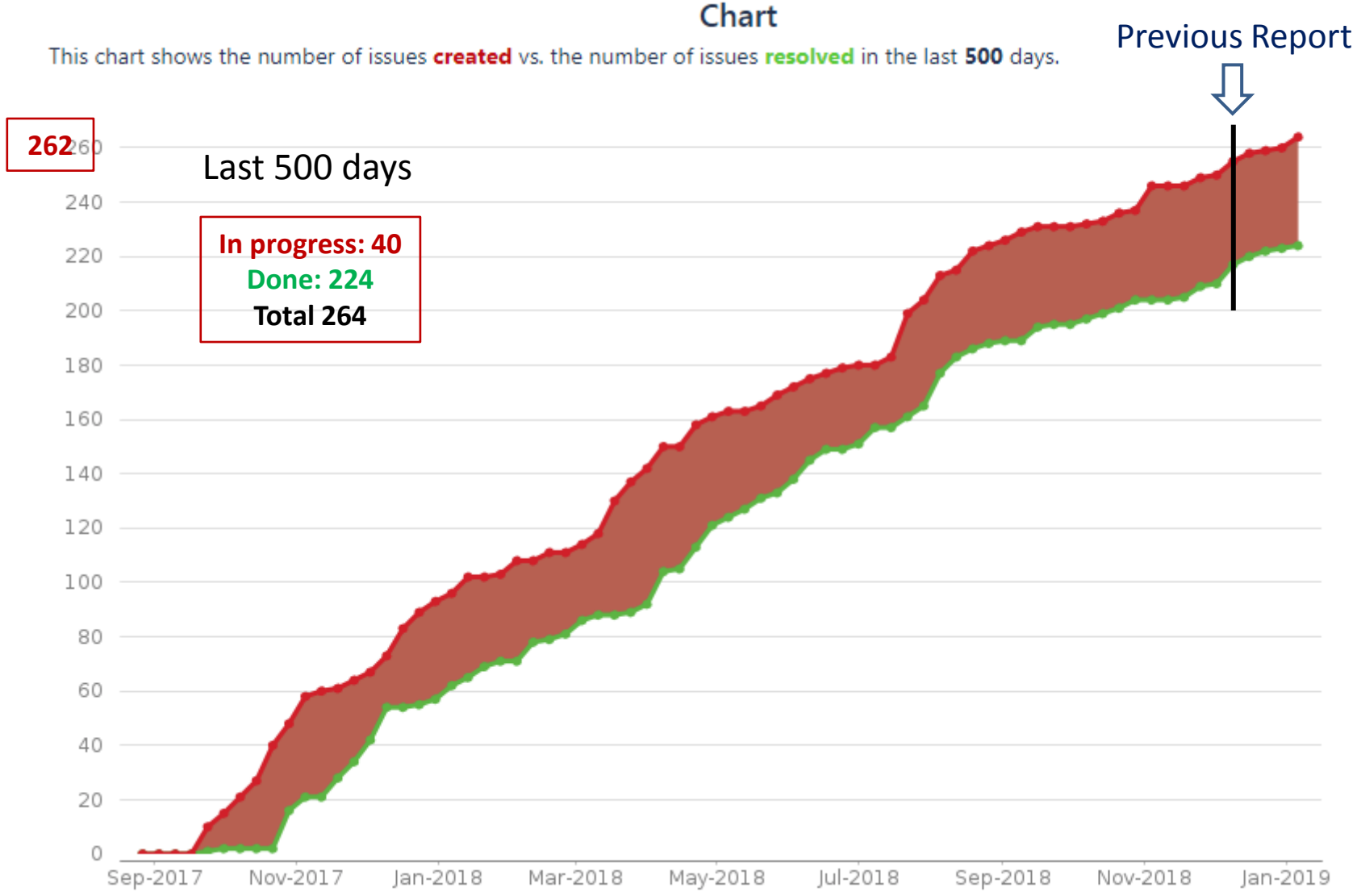
This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **500** days.



Project: RACF/SDCC Network Operations & Interventions

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **500** days.



Electrical interventions in the CDCE between Monday Jan 14, 2019 and Friday Feb 1, 2019 (grounding work)

- 14 step intervention sequence interrupting every compute rack in CDCE at some stage (one outlet at the time) RACFCL2018-234, also including
  - Row 47N (LIPA only) migration to currently unoccupied positions in row 49N (FW2 only) – interrupting ATLAS Tier-3 on Tuesday Jan 15, 2019 RACFCL2018-235 (all compute node racks in CDCE are going to be on FW2 power after this intervention is completed)
  - ToR switch SW upgrade for 33 ToR as the electrical interventions go NETOPS-237 (all ToR switches in CDCE are going to run the same SW version with Tor switched deployed in main BCF/RCF areas)
  - **Specific compute node rack service interruptions will occur on**
    - Tuesday Jan 15, 2019: racks 47-[15-22]
    - (1 day gap) Thursday Jan 17, 2019: racks 50-[19-22]
    - (4 day gap) Tuesday Jan 22, 2019: racks 48-[1-6]
    - (1 day gap) Thursday Jan 24, 2019: racks 49-[7-9]
    - (3 day gap) Monday Jan 28, 2019: racks 50-[1-6]
    - (1 day gap) Wednesday Jan 30, 2019: racks 51-[3-9]
  - No service interruption for any redundantly powered equipment in CDCE

BNL ATLAS Tier-1 is switching to ES driven operations at full scale (20k jobs running in parallel) for the first time

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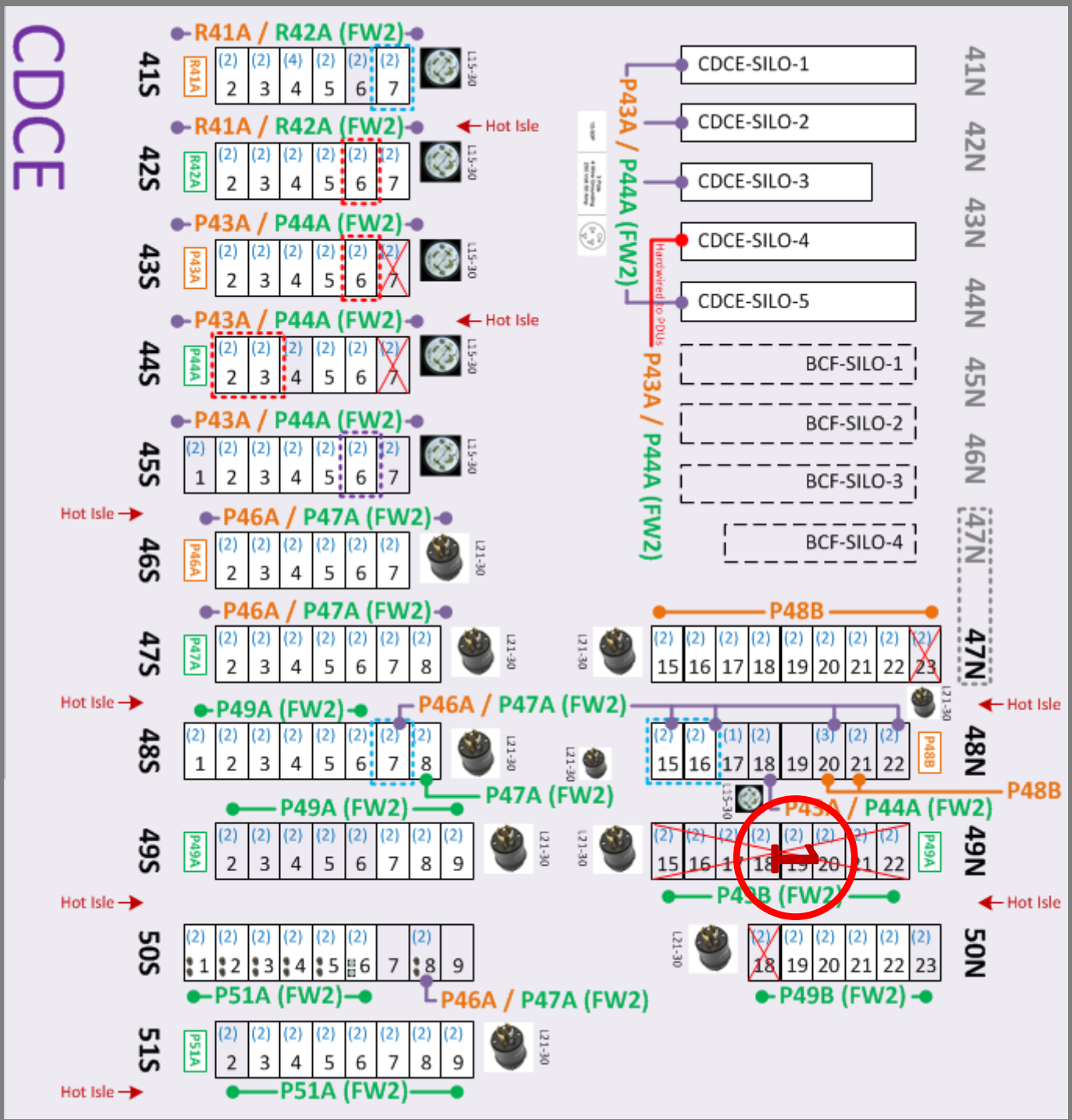

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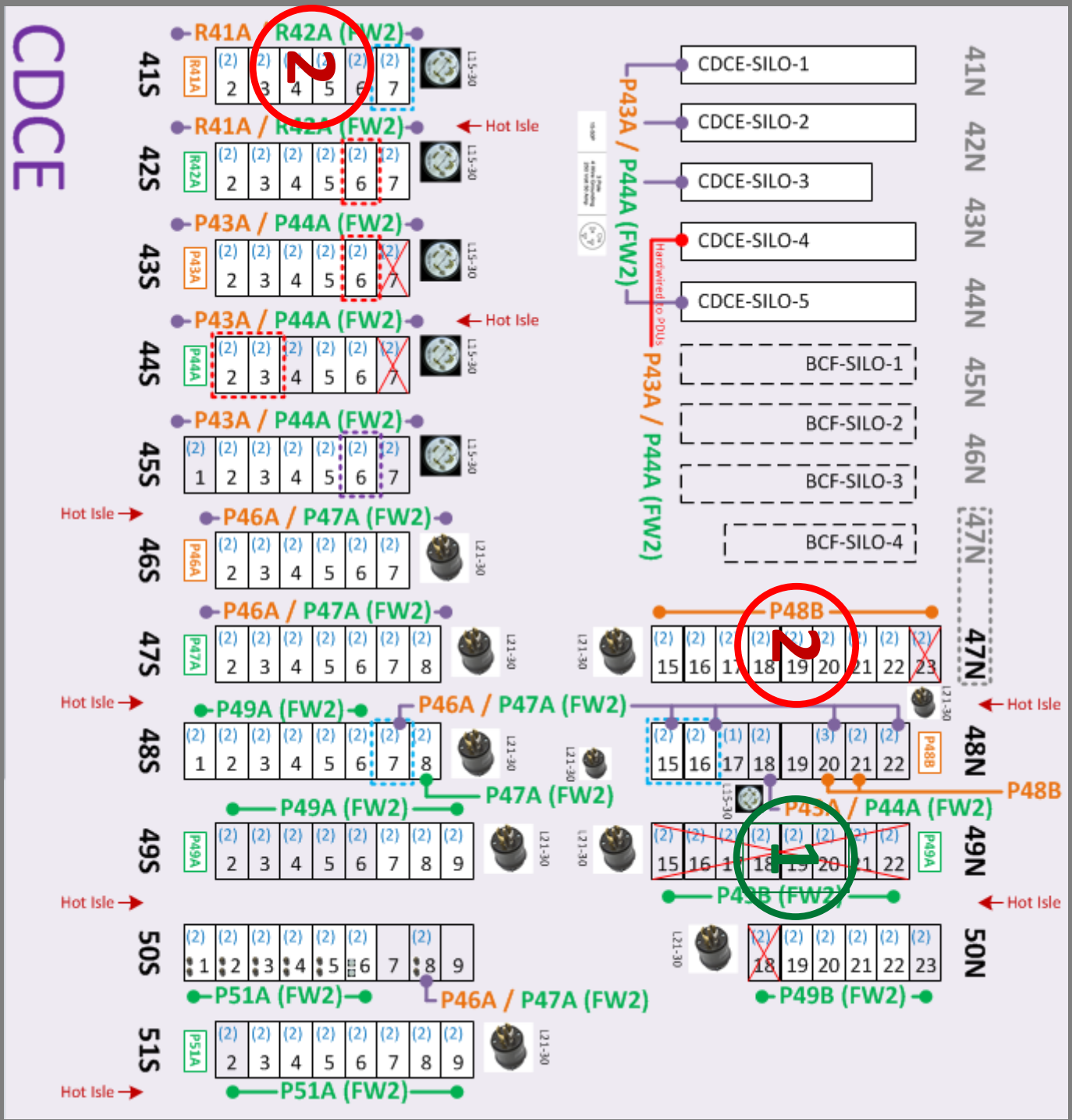

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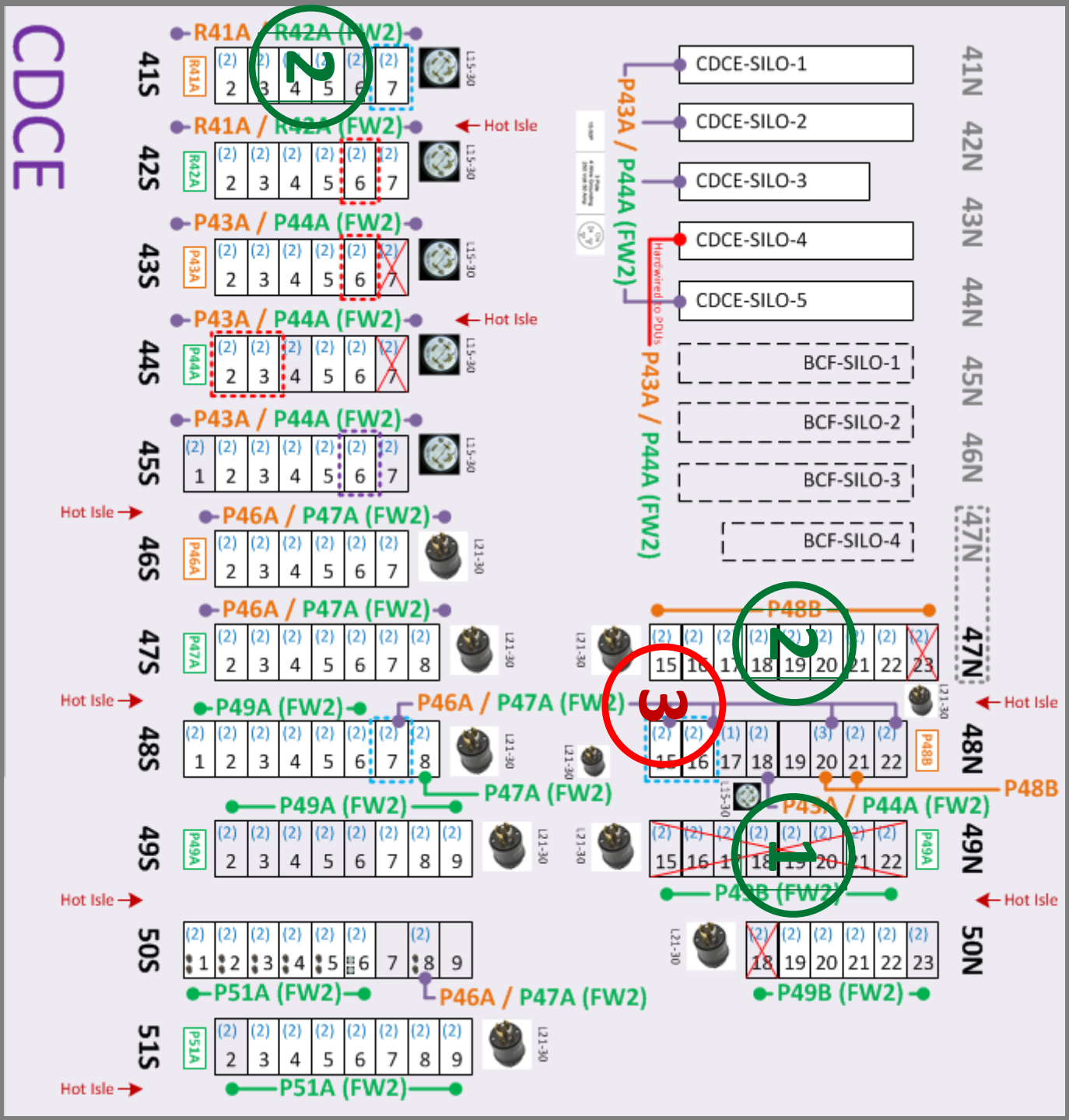

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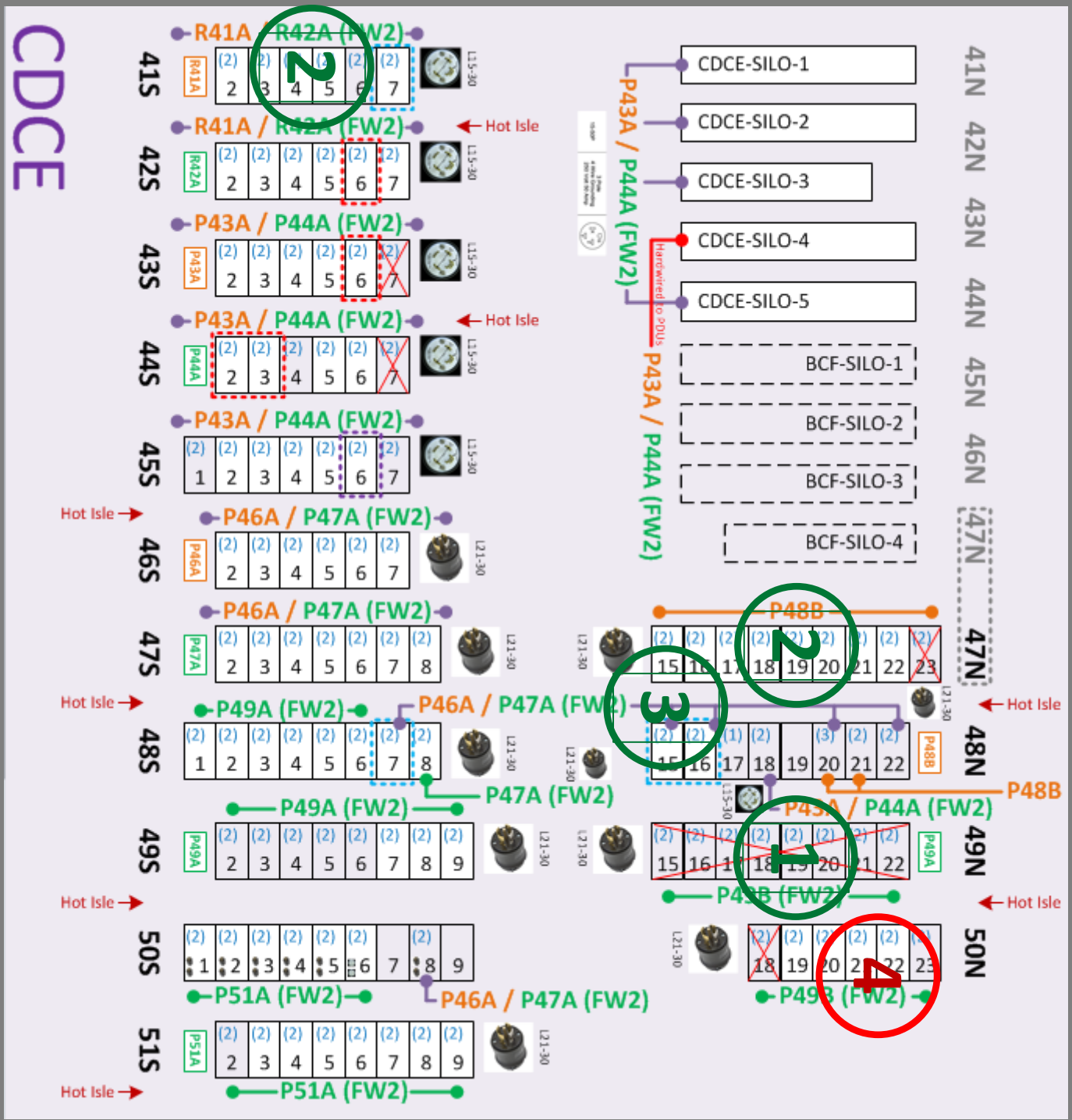

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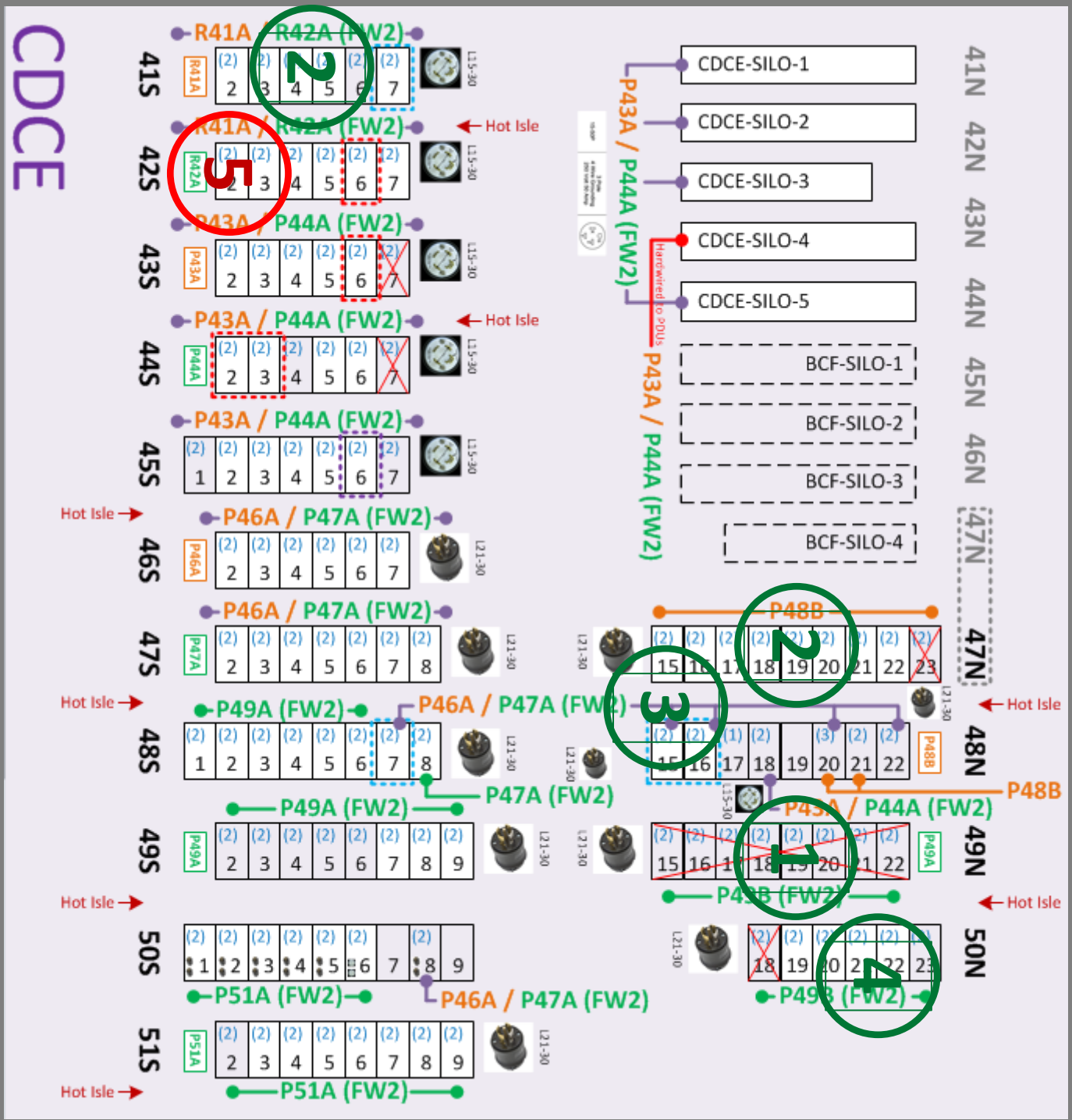

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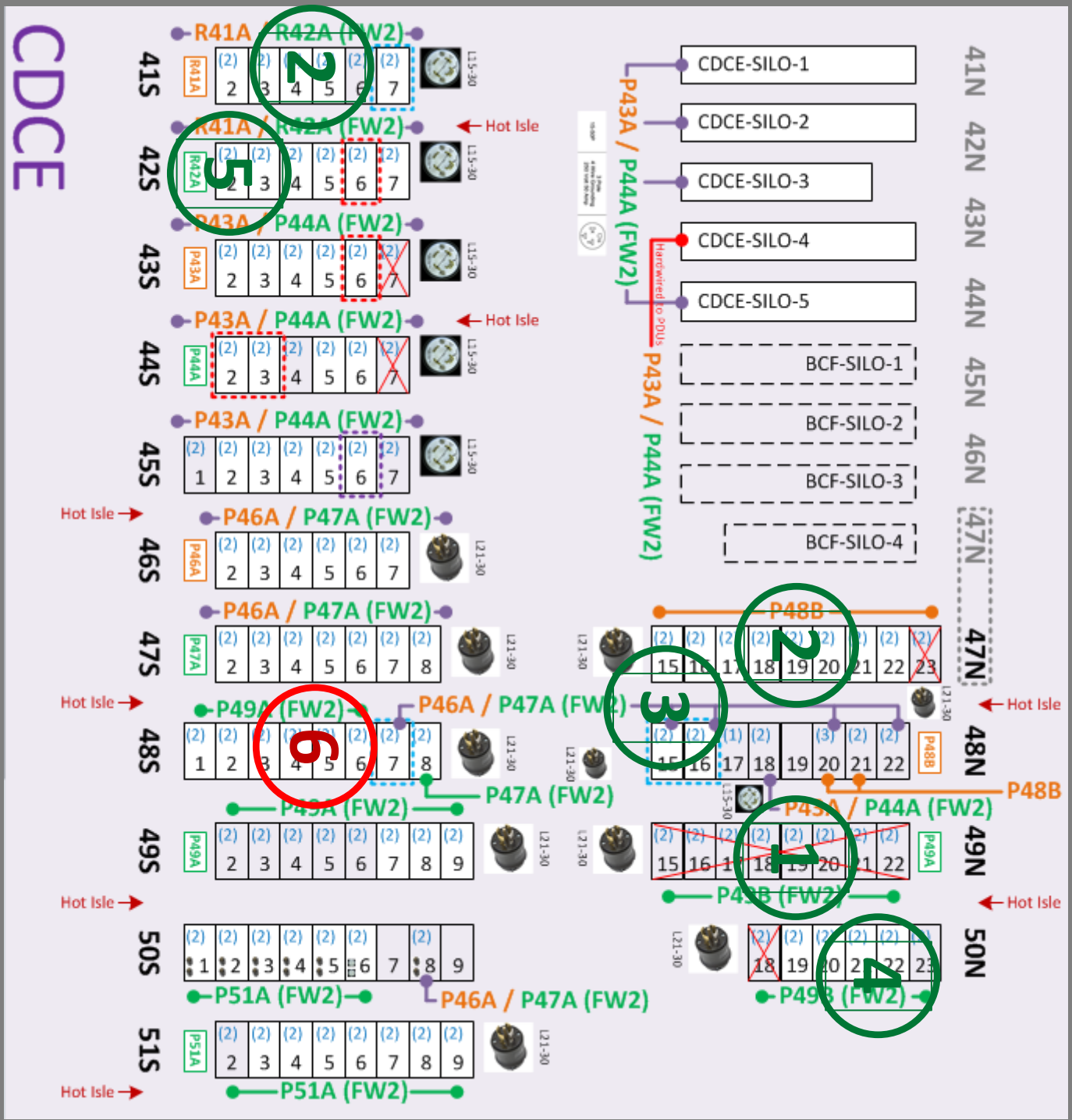

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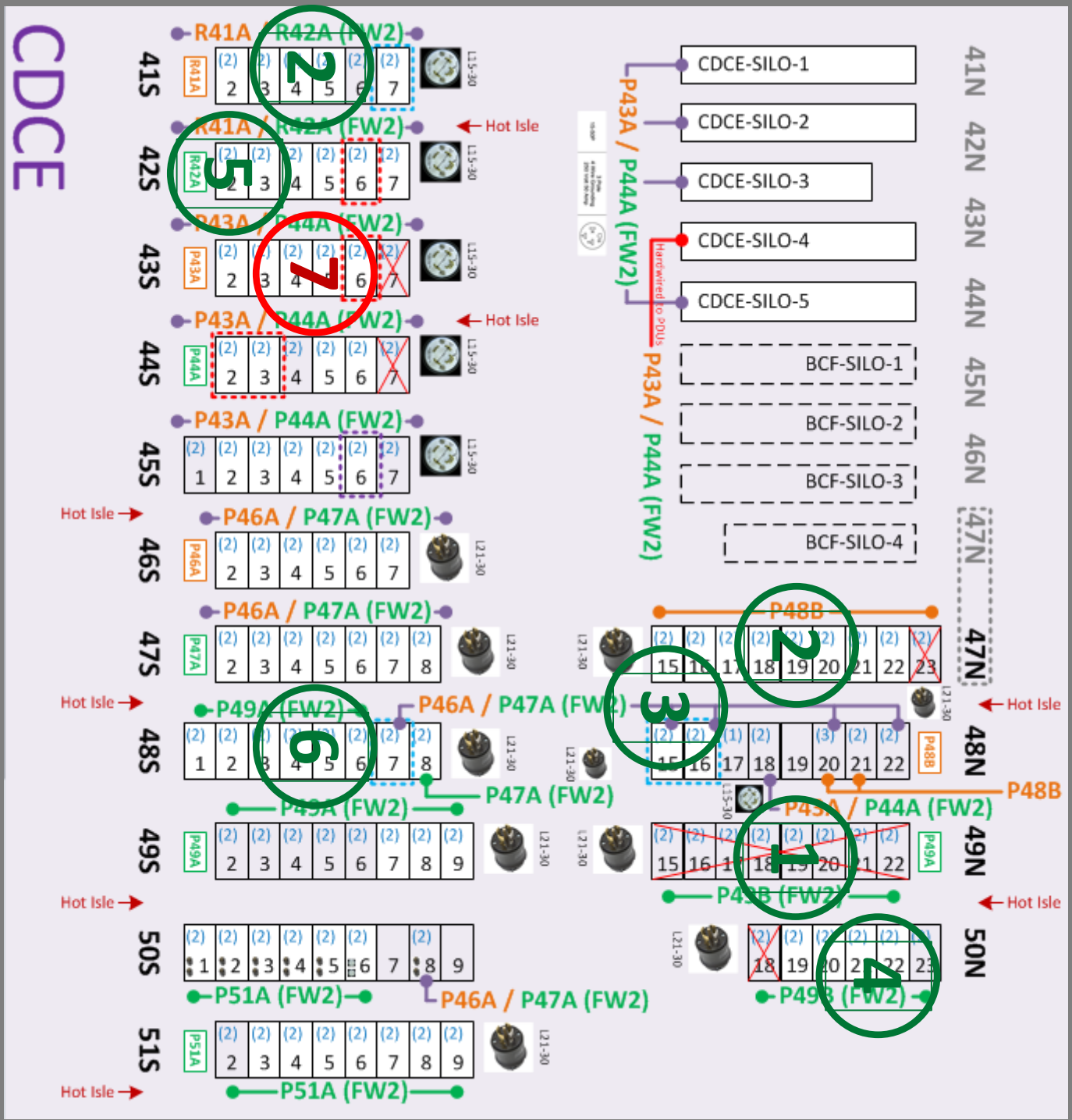

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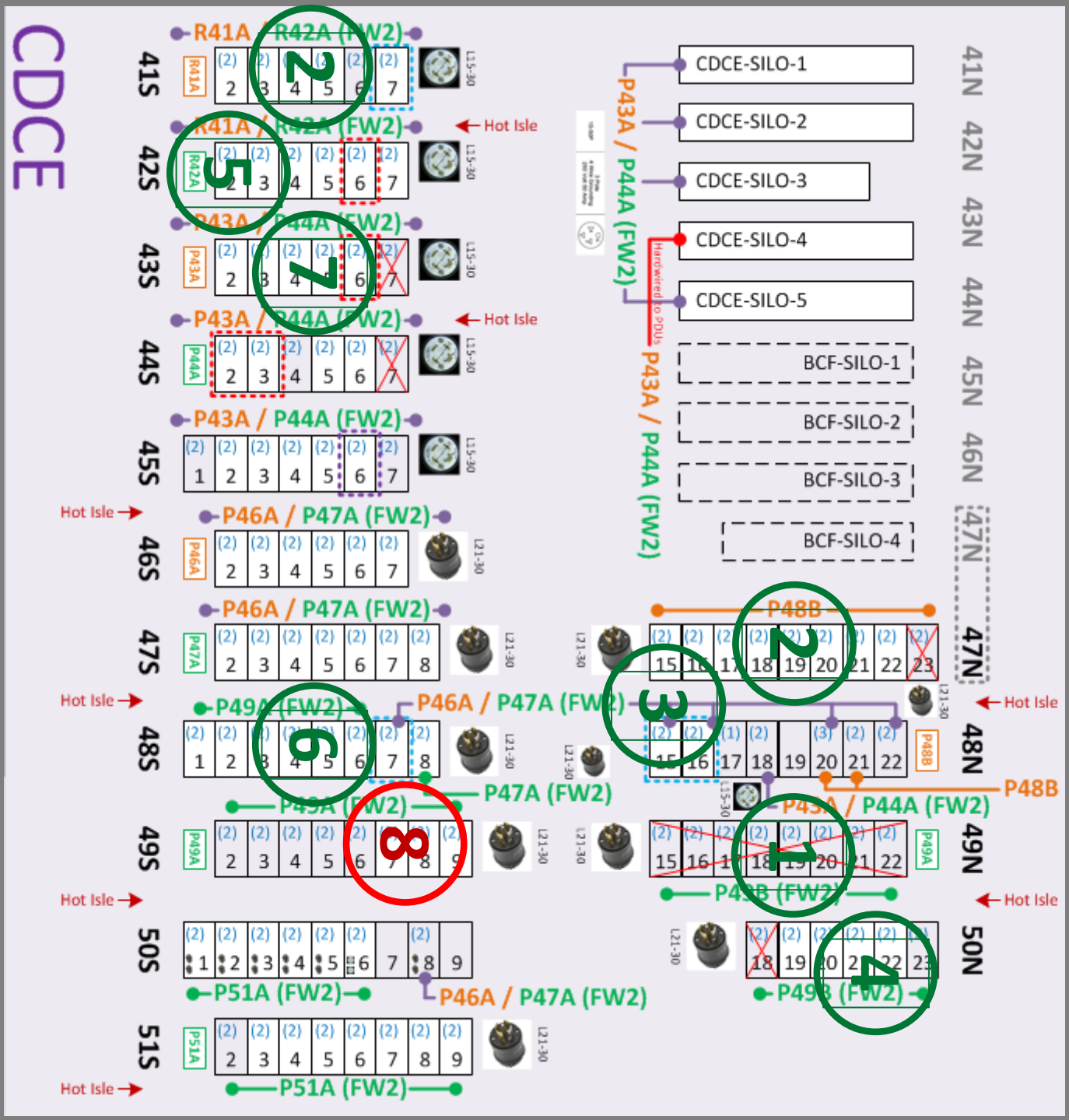

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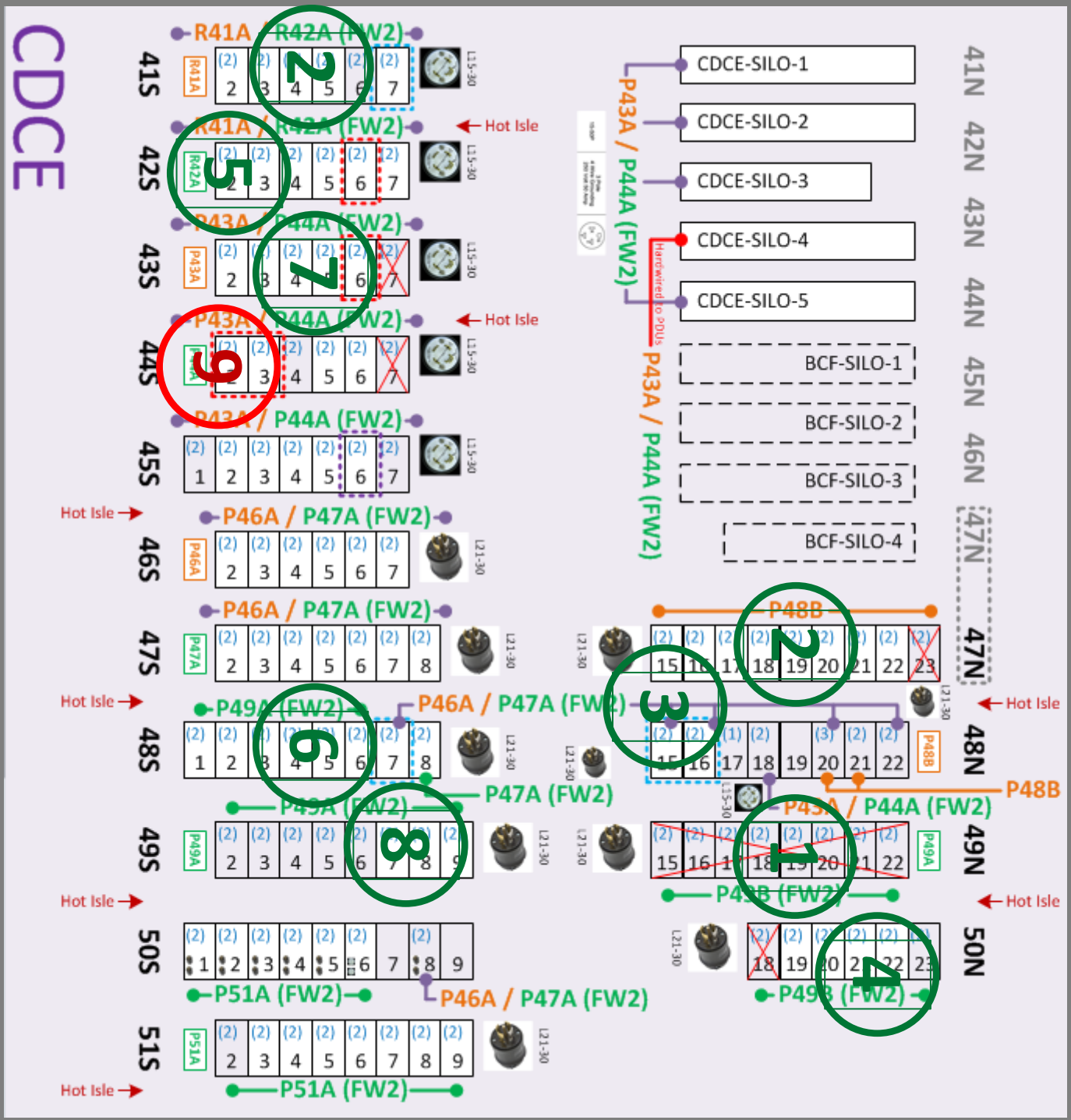

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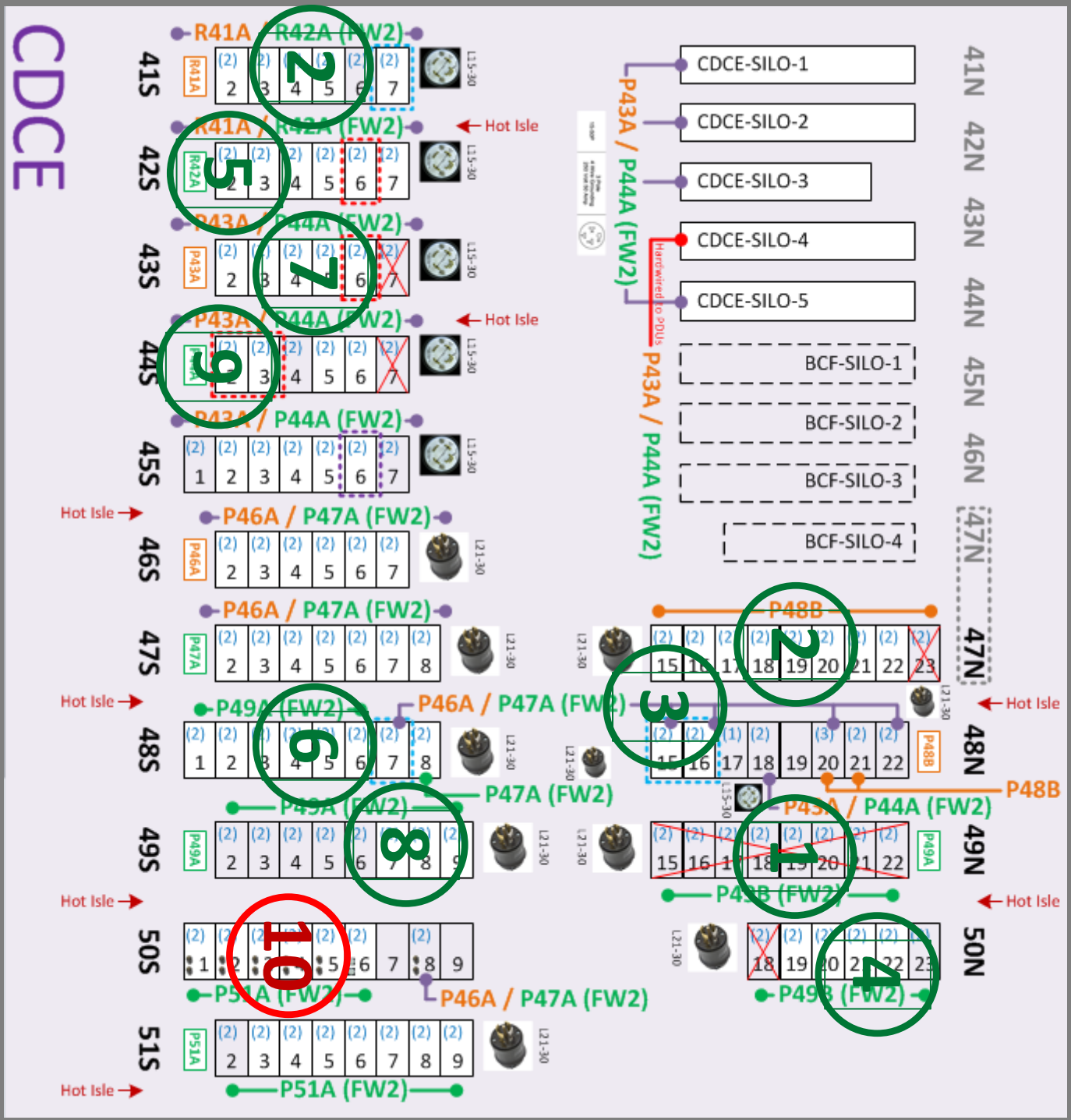

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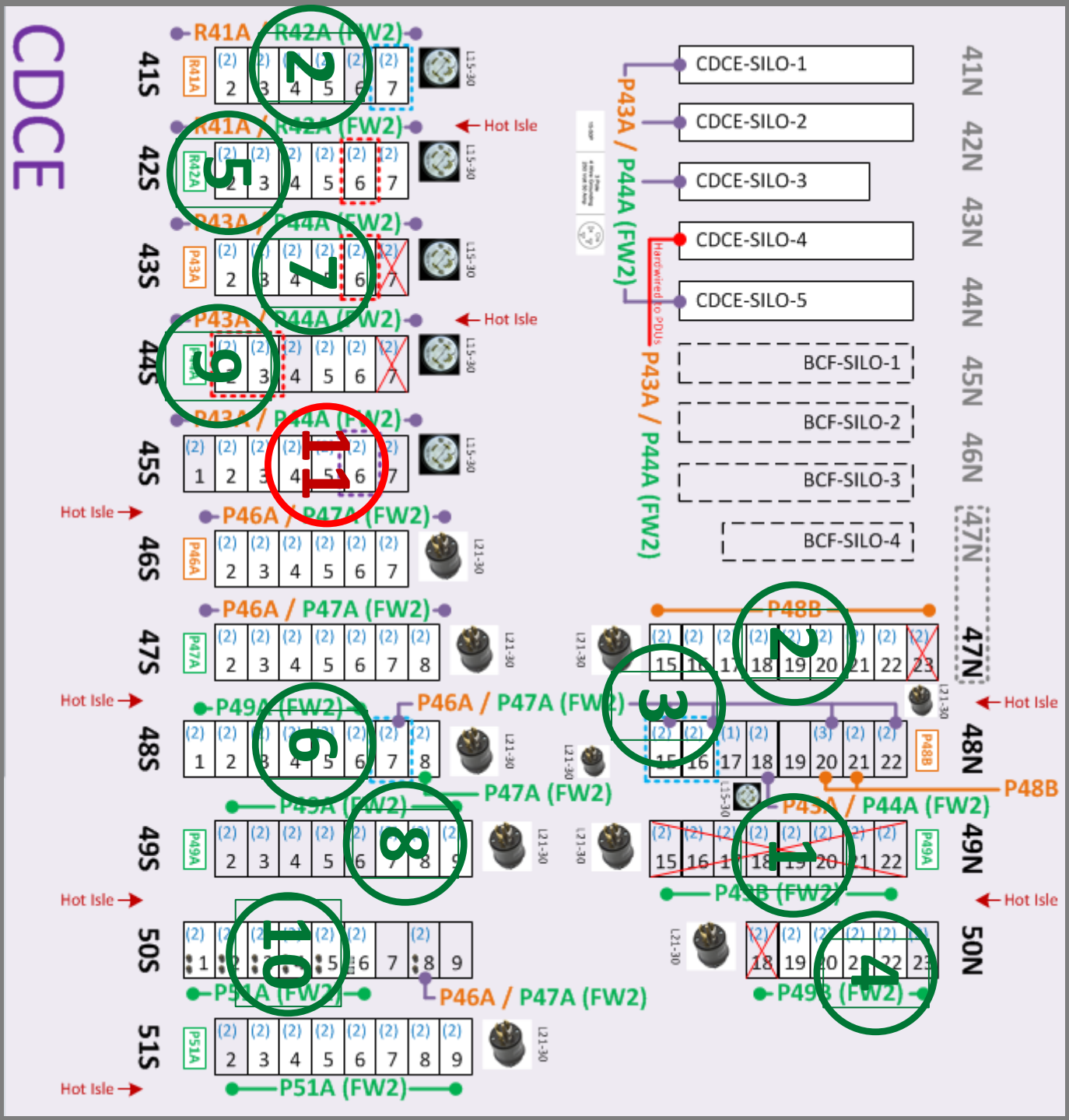

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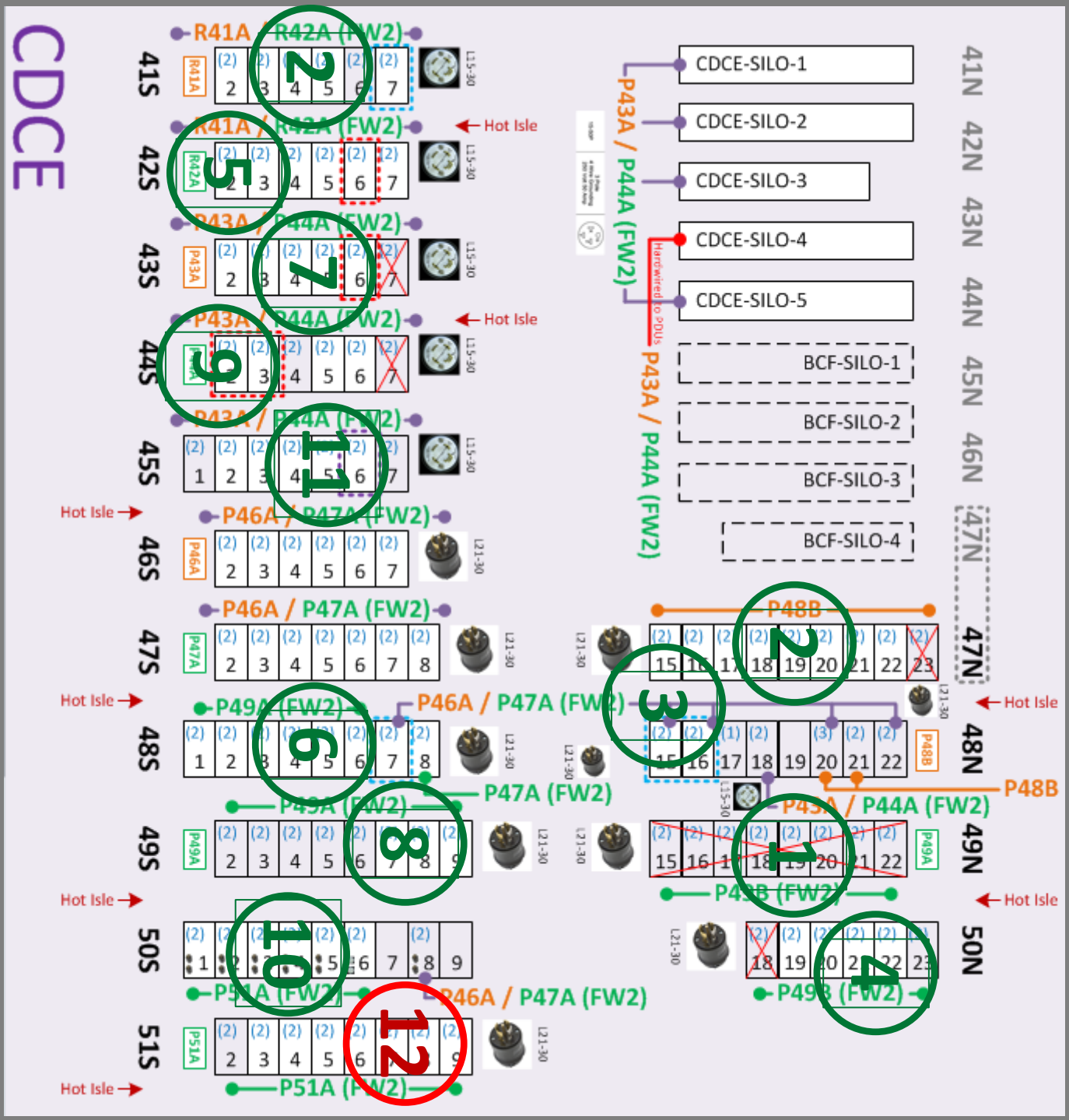

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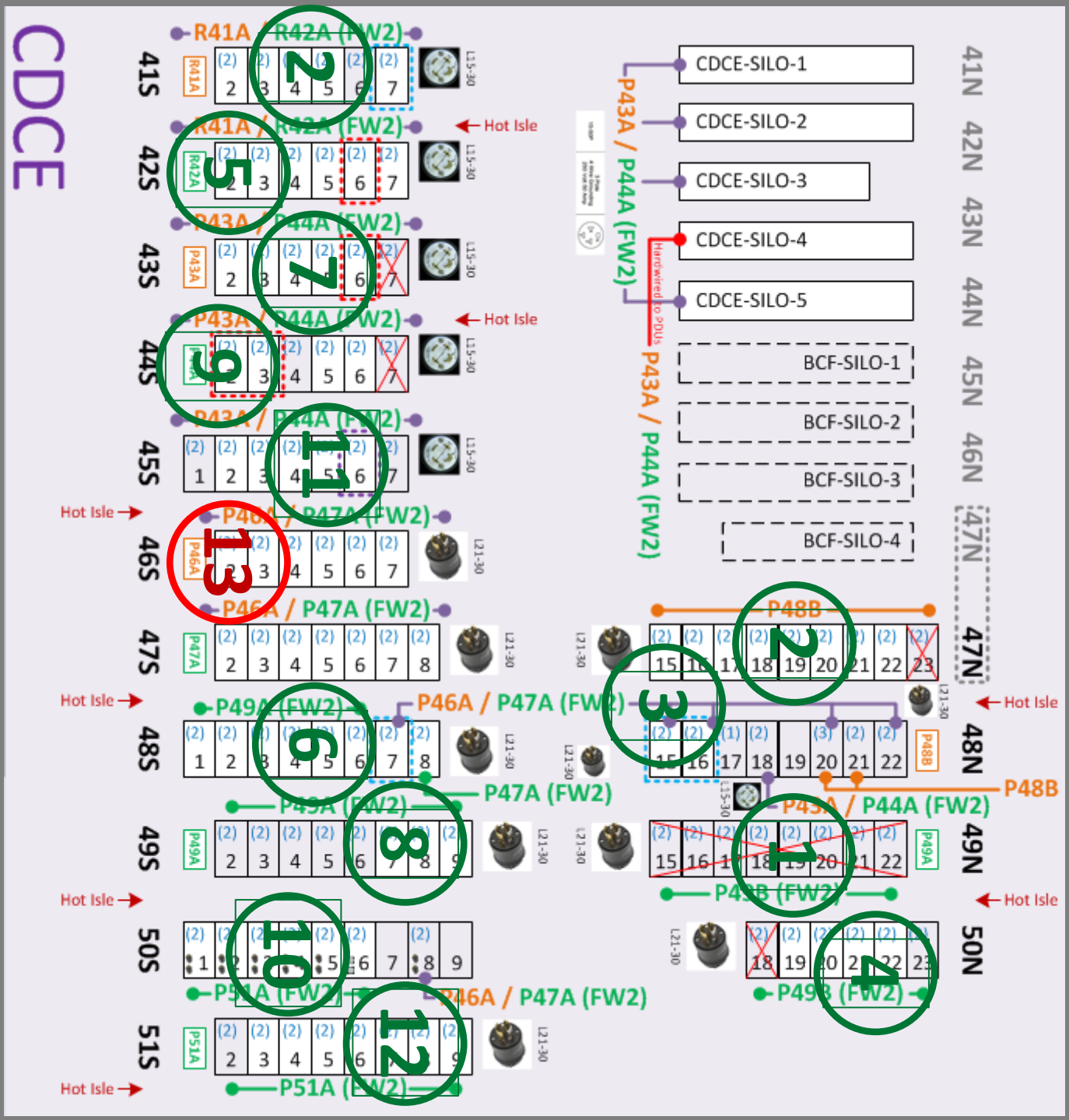

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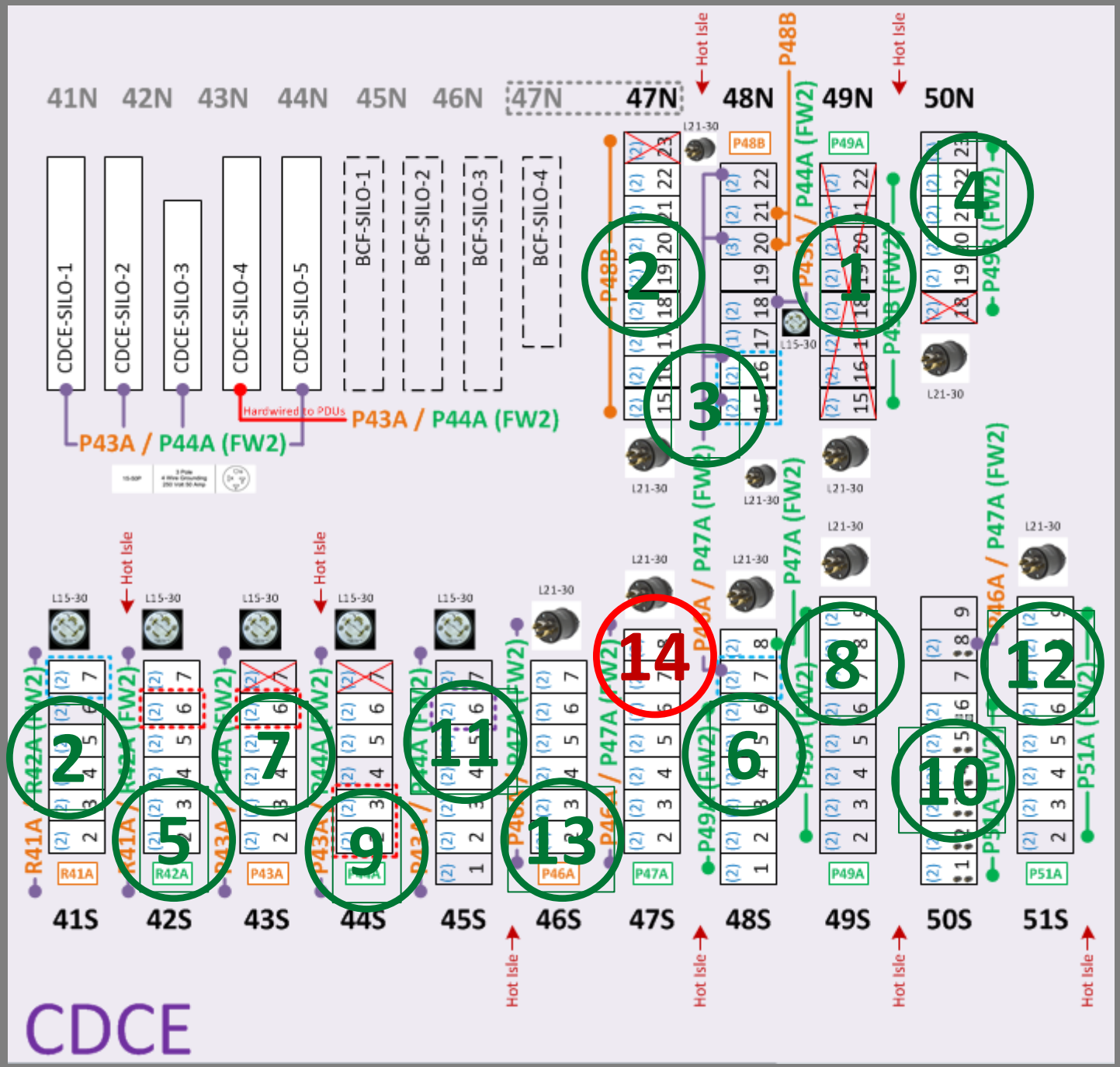

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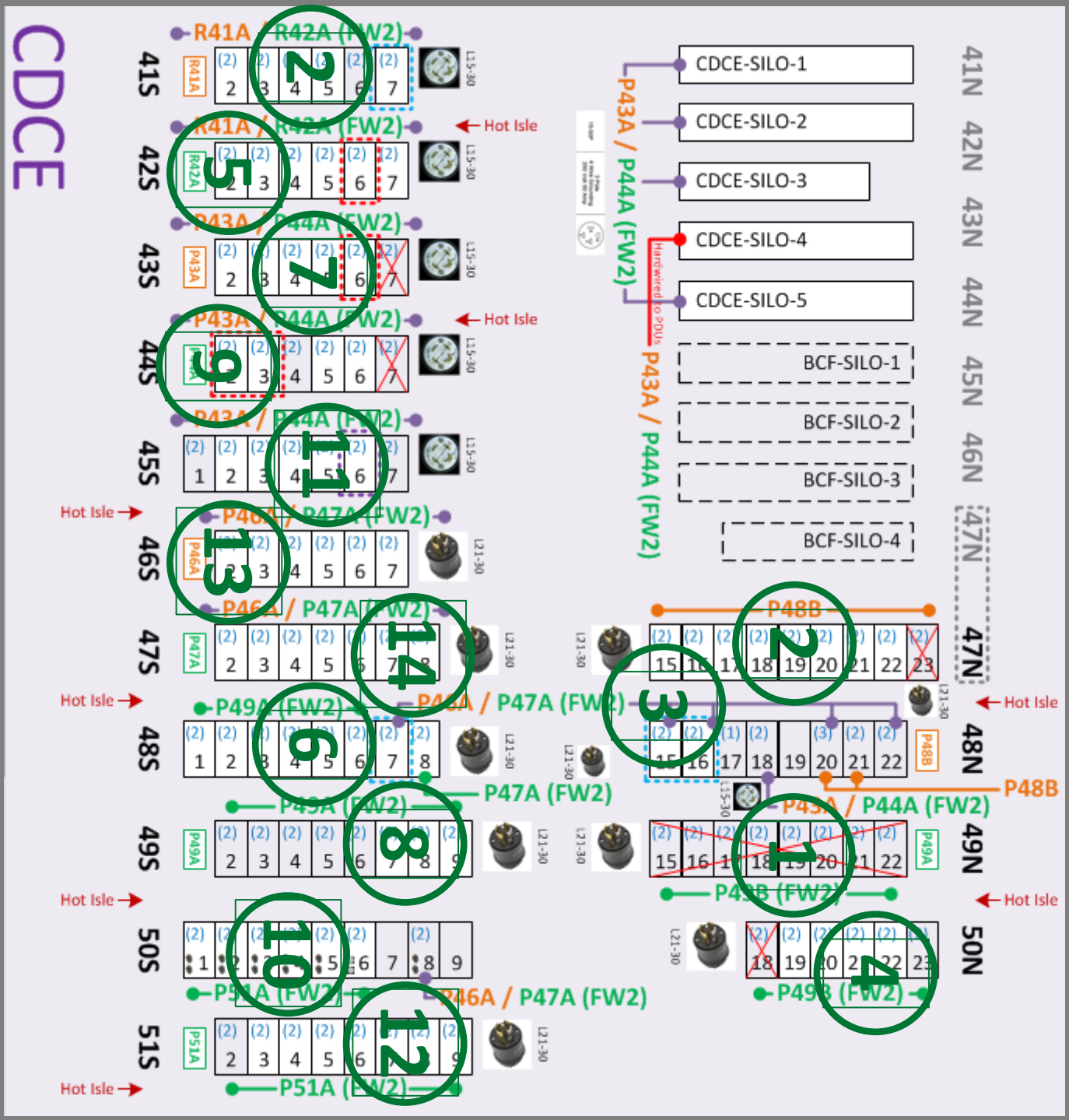
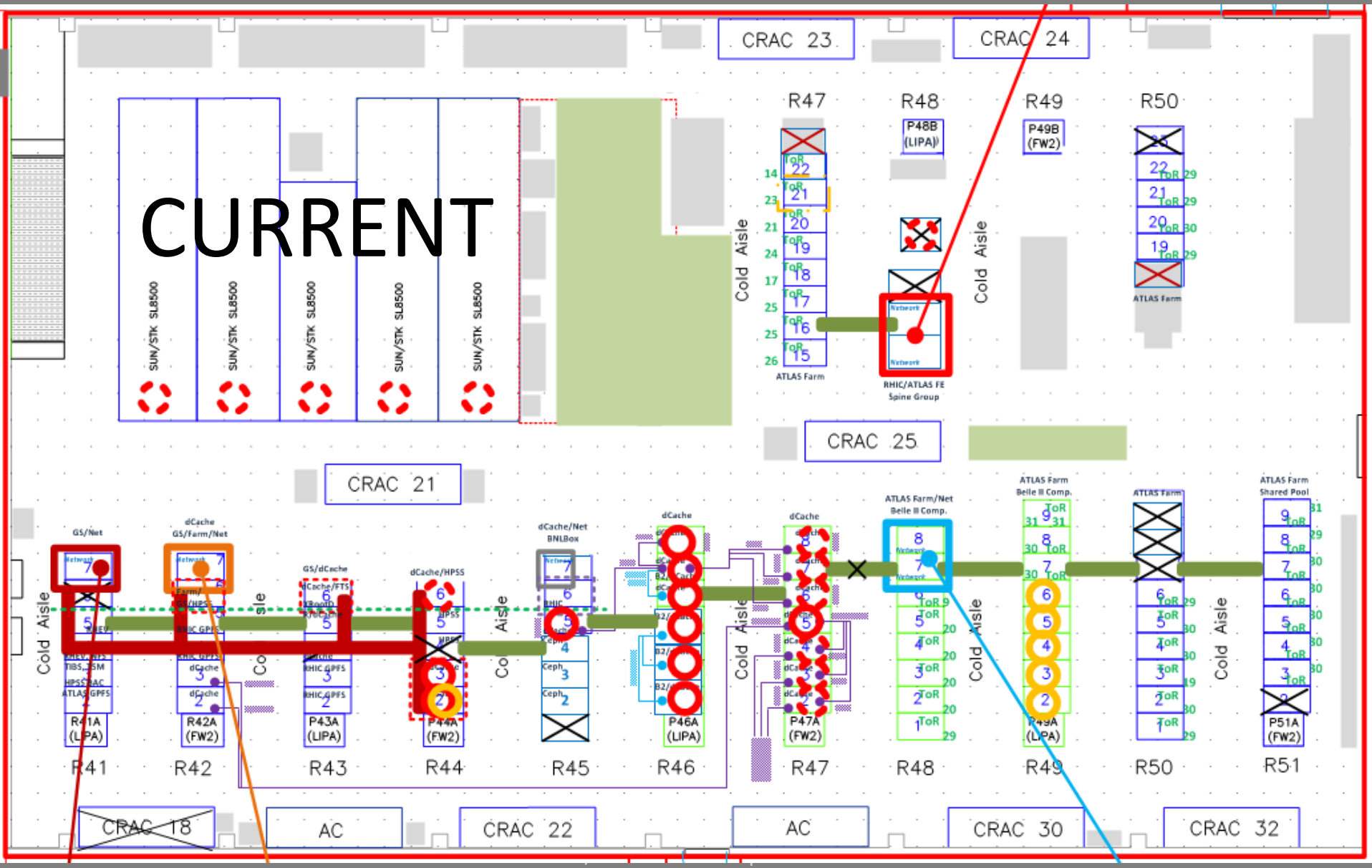
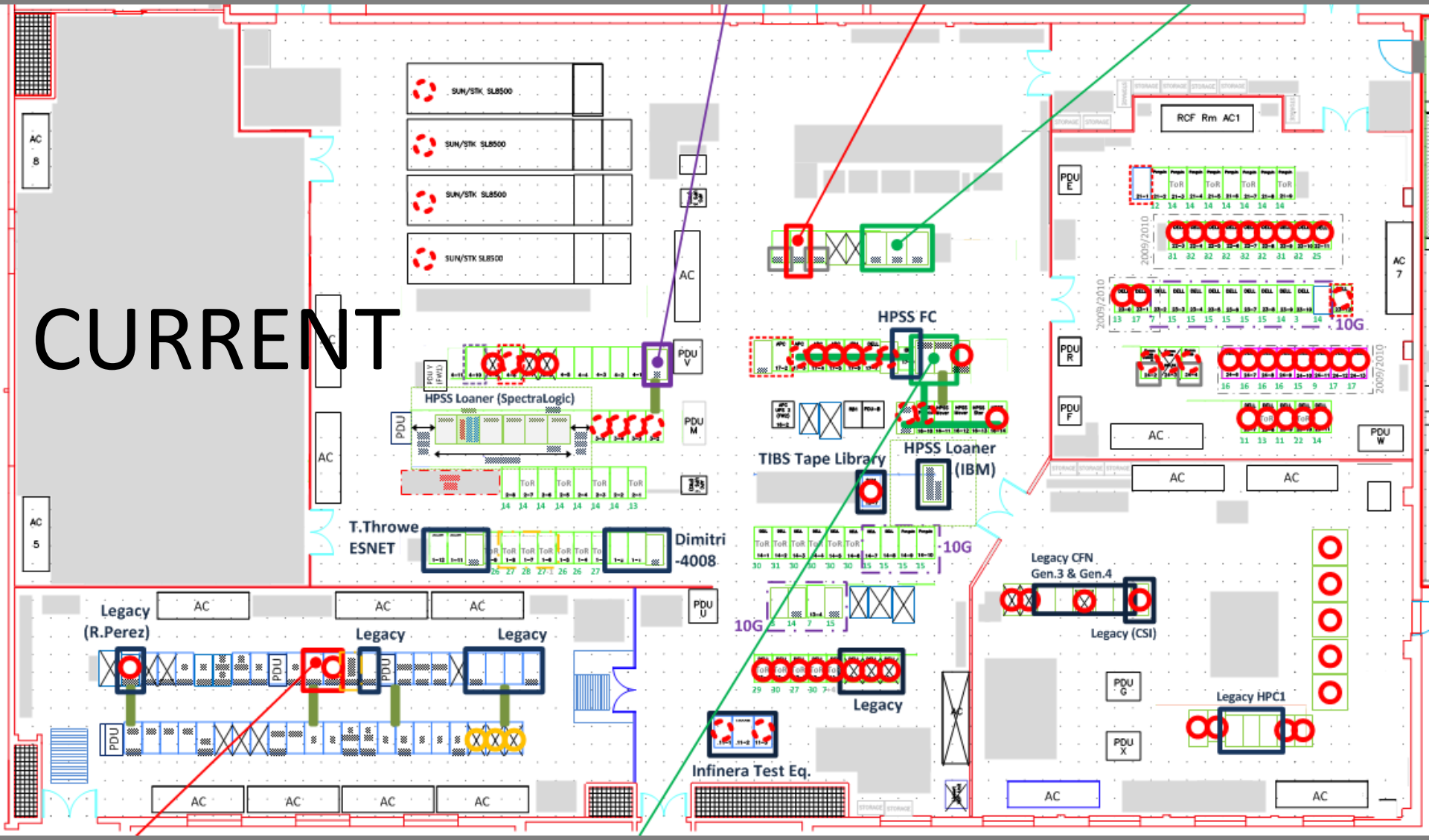


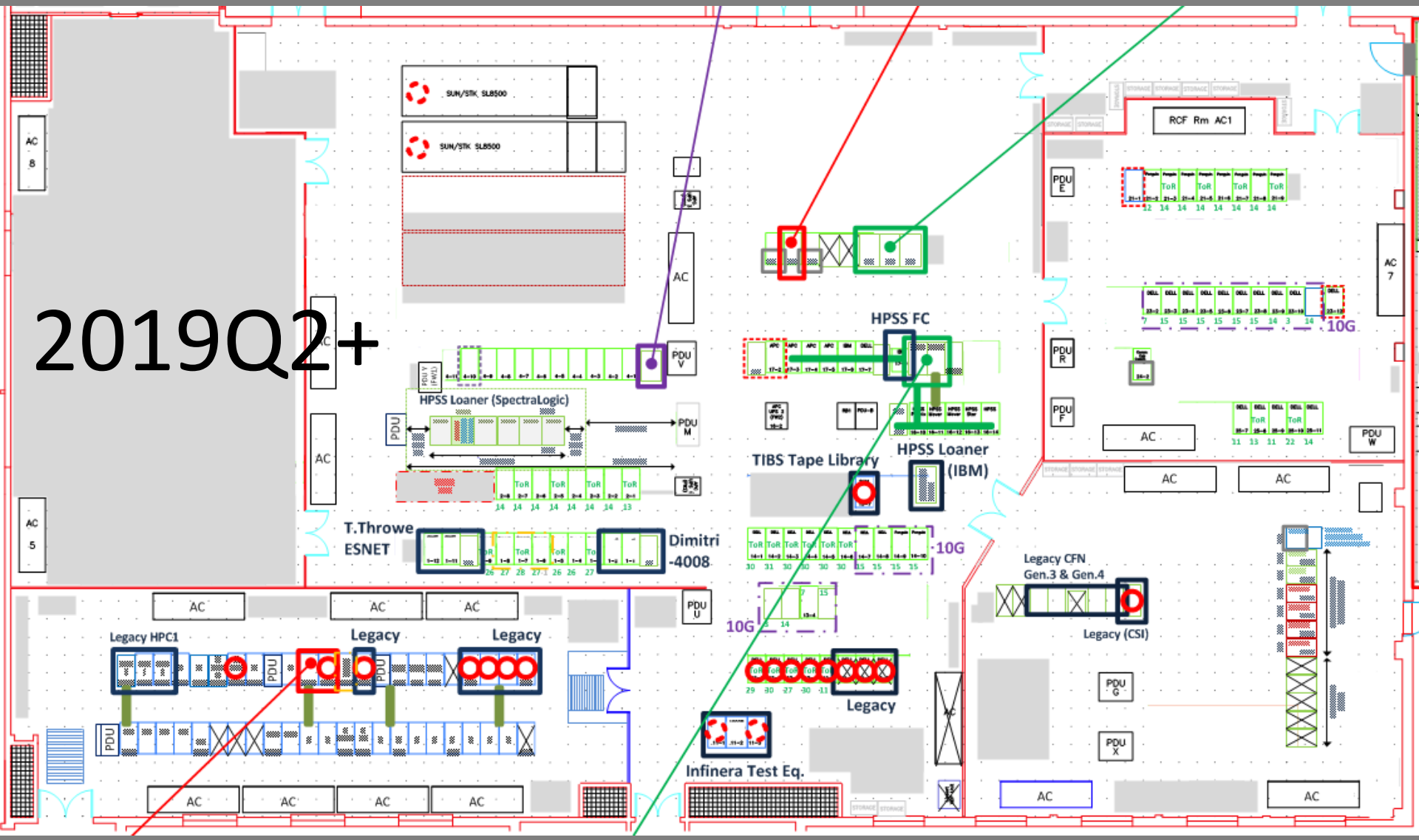
Hardware Removal / Deployment Operations (1)

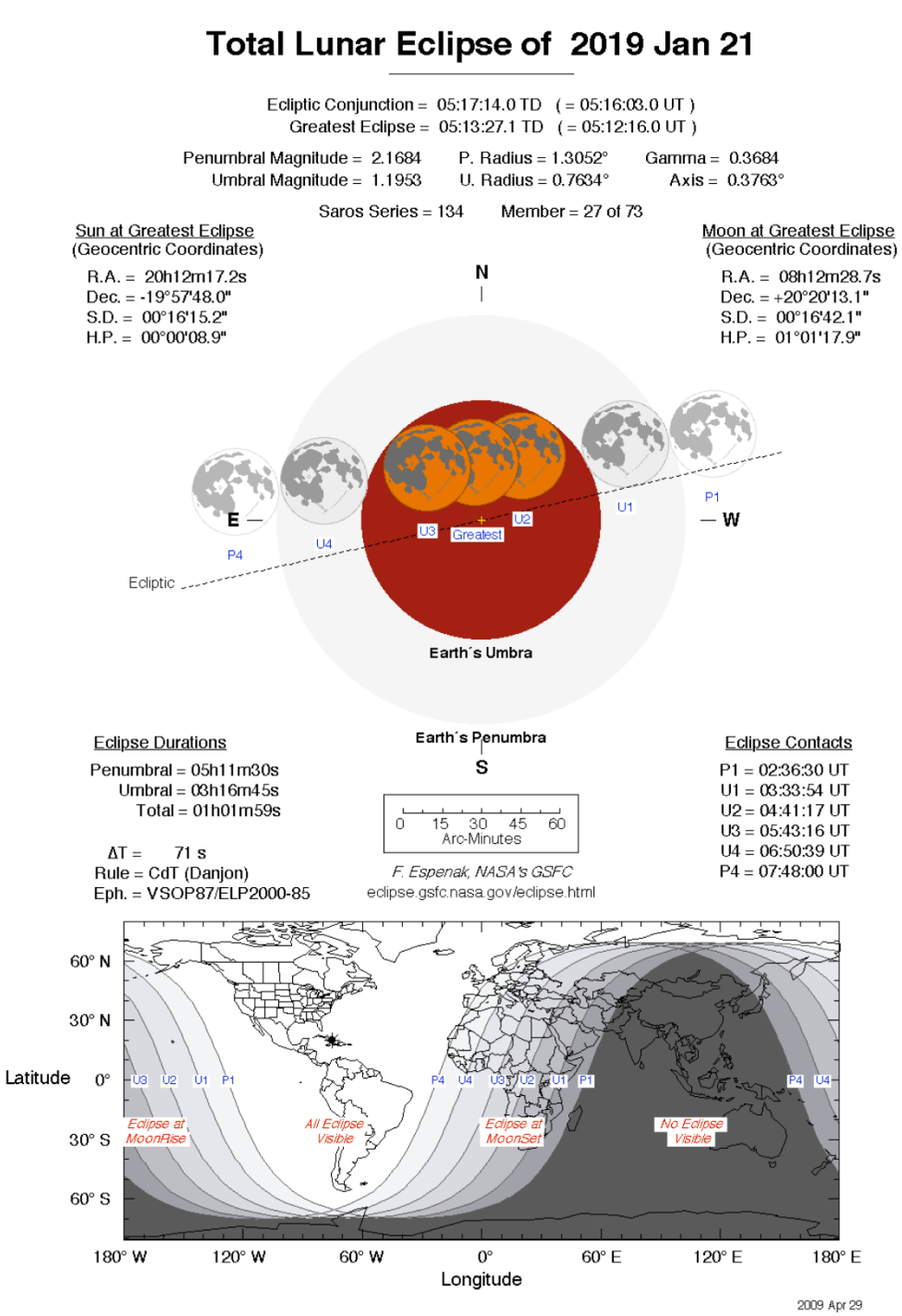


Hardware Removal / Deployment Operations (2)



Hardware Removal / Deployment Operations (3)





Questions & Comments

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Highlights of the Total Lunar Eclipse on January 20–21, 2019						
Event	*UT*	*PST*	*MST*	*CST*	*EST*	*AST*
Penumbra first visible?	3:10	7:10 p.m.	8:10 p.m.	9:10 p.m.	10:10 p.m.	11:10 p.m.
Partial eclipse begins	3:34	7:34 p.m.	8:34 p.m.	9:34 p.m.	10:34 p.m.	11:34 p.m.
Total eclipse begins	4:41	8:41 p.m.	9:41 p.m.	10:41 p.m.	11:41 p.m.	12:41 a.m.
Middle of totality	5:12	9:12 p.m.	10:12 p.m.	11:12 p.m.	12:12 a.m.	1:12 a.m.
Total eclipse ends	5:44	9:44 p.m.	10:44 p.m.	11:44 p.m.	12:44 a.m.	1:44 a.m.
Partial eclipse ends	6:51	10:51 p.m.	11:51 p.m.	12:51 a.m.	1:51 a.m.	2:51 a.m.
Penumbra last visible?	7:15	11:15 p.m.	12:15 a.m.	1:15 a.m.	2:15 a.m.	3:15 a.m.