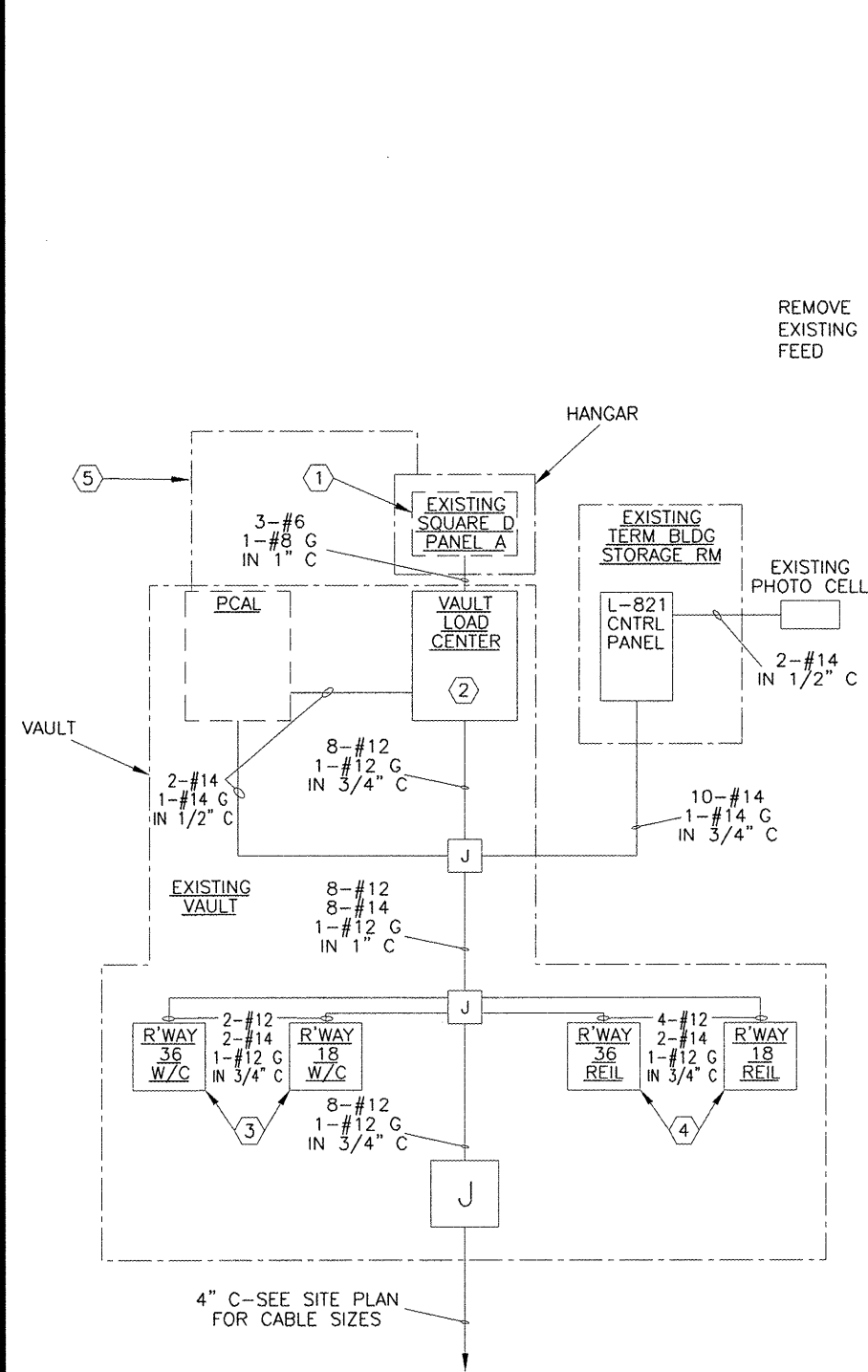
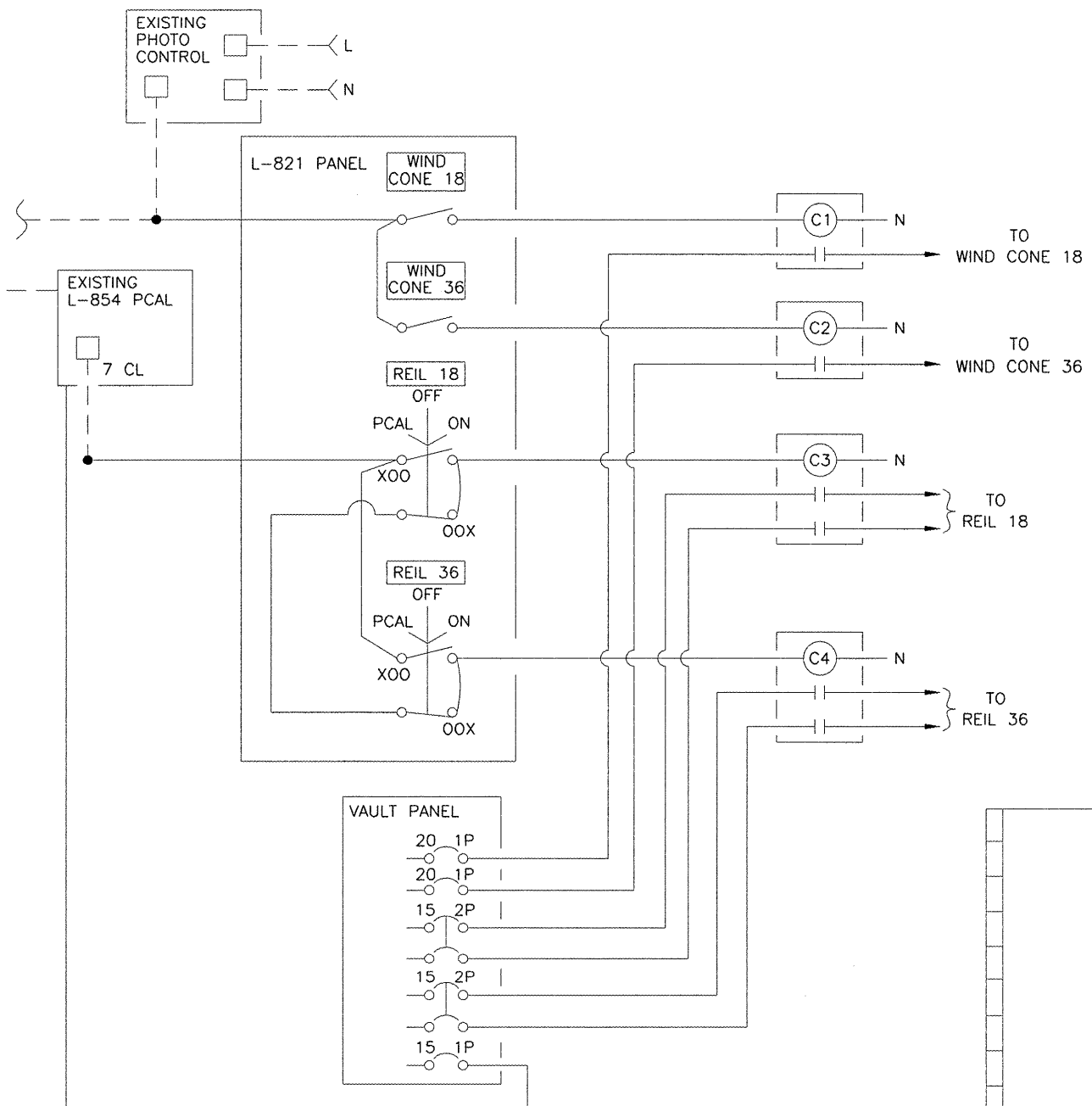


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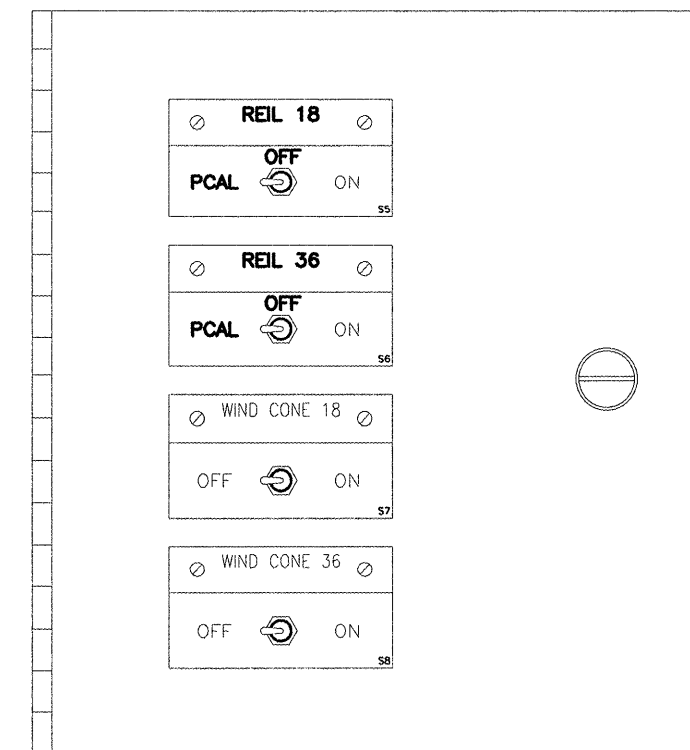


SYSTEM 1-LINE DIAGRAM

- ① Remove one existing 2-pole, 20 amp breaker at circuits 2 and 4. Replace with a 2-pole, 60 amp breaker to feed proposed vault load center.
- ② 125 amp, main lug only, 120/240 volt, 1 ph, 3-W, 12 circuit load center - Square D, #Q0112L125GRB, or equal.
- ③ 30 amp, 2-pole, NEMA 1, electrically held lighting contactor with 120 VAC coil - Square D, Class 8903, SMG1V02, or equal. Only one pole shall be connected for wind cones.
- ④ Lighting contactor same as Note 3, except both poles shall be connected.
- ⑤ Remove existing 120V feed to PCAL and replace as shown from vault load center.



REILS/WIND CONES CONTROL SCHEMATIC



L-821 AIRFIELD LIGHTING
 CONTROL PANEL
 NO SCALE