

PUMP-TANK-A01 / Dual Pump Alternating Supply / EVT0.20 – FABRICATION HOLD

POWER

MCU_NVM

ANALOG

DL1

DL2

RELAYS

RS485

LOCAL_UI

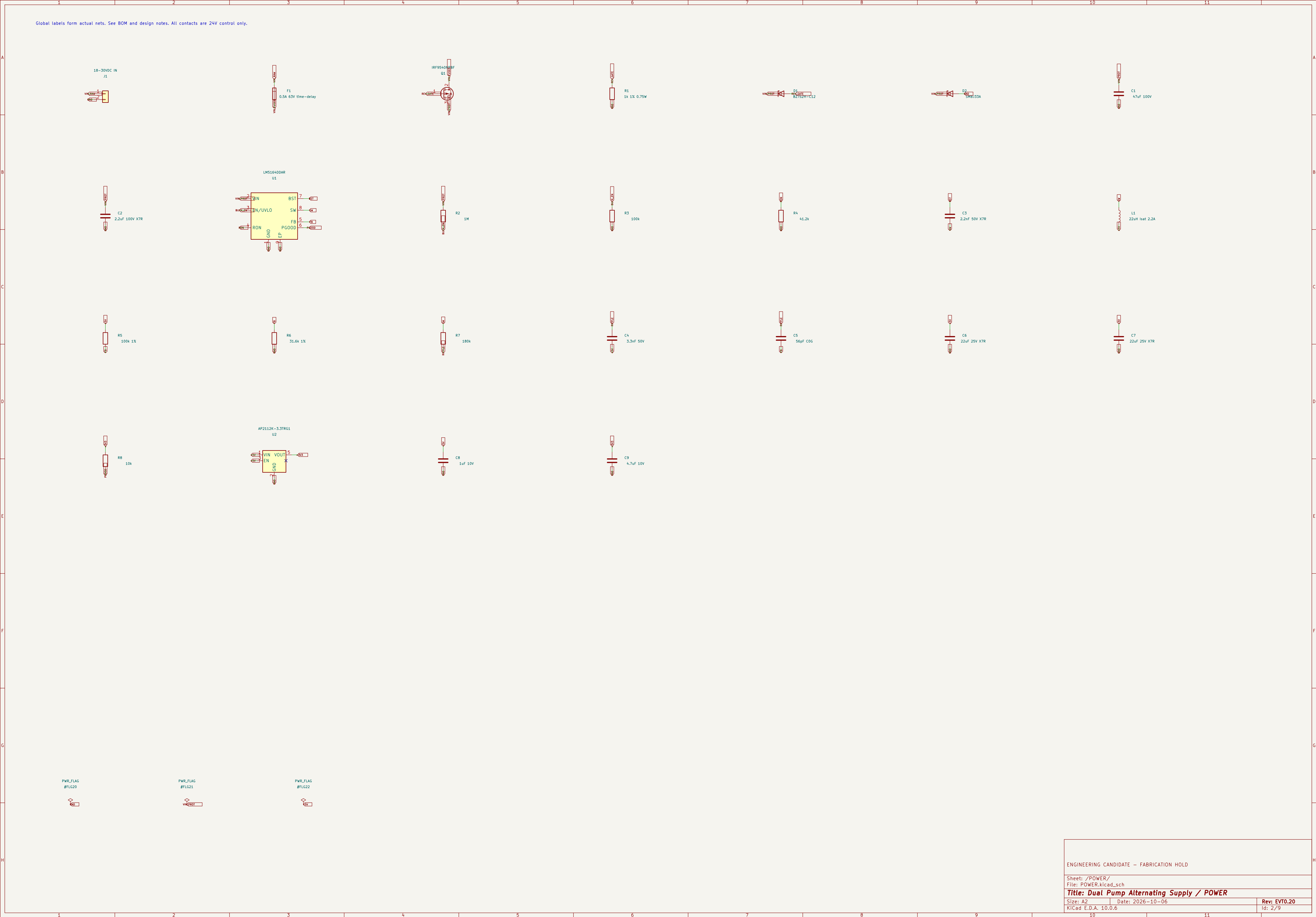
ENGINEERING CANDIDATE – FABRICATION HOLD

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Title: PUMP-TANK-A01 / Dual Pump Alternating Supply

Size: A3	Date: 2026-10-06	Rev: EVT0.20
KiCad E.D.A. 10.0.6		Id: 1/9

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File: PUMP-TANK-A01.kicad_sch		
Title: PUMP-TANK-A01 / Dual Pump Alternating Supply		
Size: A3	Date: 2026-10-06	Rev: EVT0.20
KiCad E.D.A. 10.0.6		Id: 1/9



ENGINEERING CANDIDATE – FABRICATION HOLD

Sheet: /POWER/
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Title: **Dual Pump Alternating Supply / POWER**

Size: A2 Date: 2026-10-06

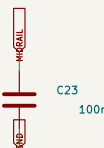
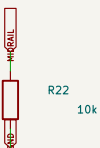
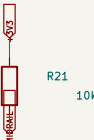
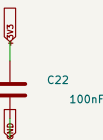
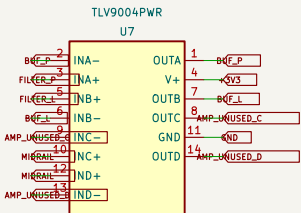
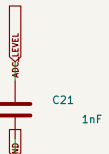
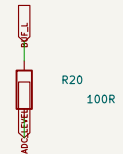
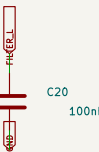
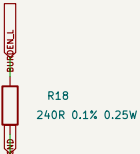
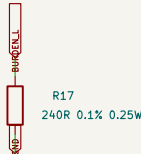
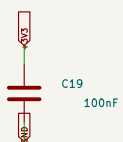
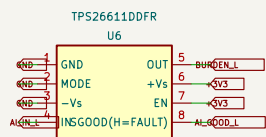
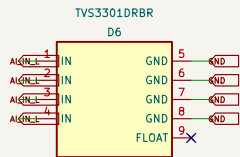
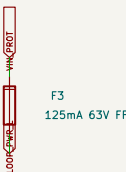
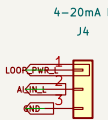
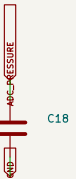
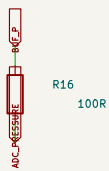
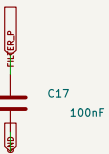
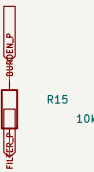
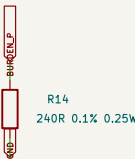
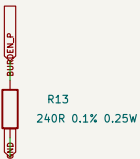
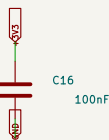
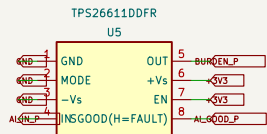
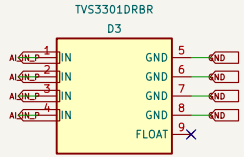
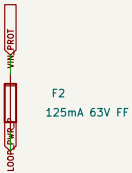
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Sheet: /MCU_NVM/ File: MCU_NVM.kicad_sch		
Title: Dual Pump Alternating Supply / MCU_NVM		
Size: A2	Date: 2026-10-06	Rev: EVT0.20
KiCad E.D.A. 10.0.6		Id: 3/9

Global labels form actual nets. See BOM and design notes. All contacts are 24V control only.



ENGINEERING CANDIDATE – FABRICATION HOLD

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File: ANALOG.kicad_sch

Title: **Dual Pump Alternating Supply / ANALOG**

Size: A2 Date: 2026-10-06

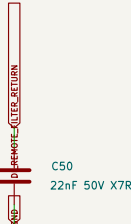
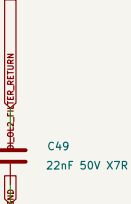
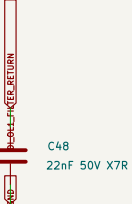
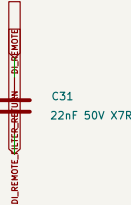
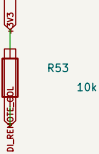
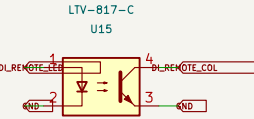
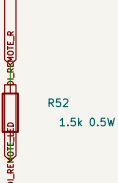
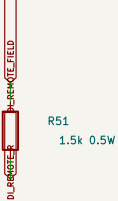
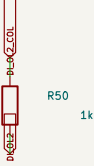
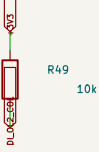
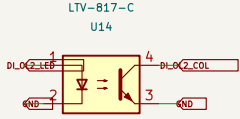
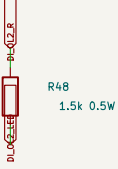
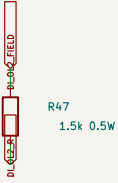
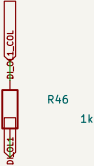
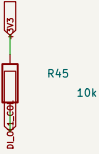
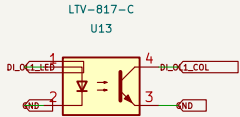
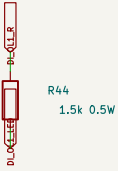
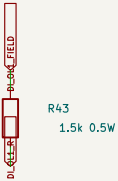
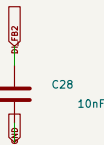
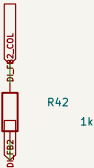
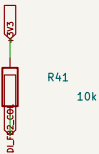
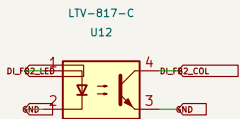
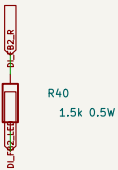
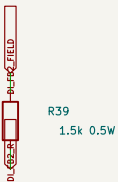
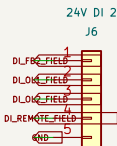
KiCad E.D.A. 10.0.6

Rev: EVT0.20

Id: 4/9



Global labels form actual nets. See BOM and design notes. All contacts are 24V control only.



ENGINEERING CANDIDATE – FABRICATION HOLD

Sheet: /DL2/
File: DL2.kicad_sch

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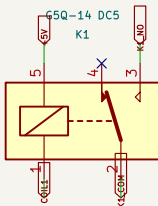
Size: A2 Date: 2026-10-06

KiCad E.D.A. 10.0.6

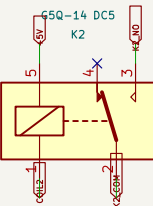
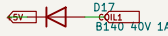
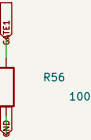
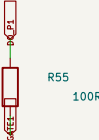
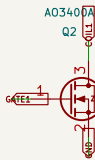
Rev: EVT0.20

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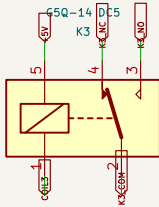
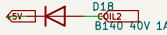
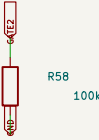
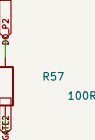
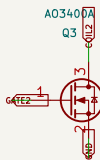
Global labels form actual nets. See BOM and design notes. All contacts are 24V control only.



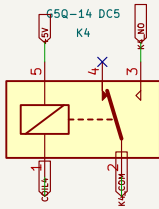
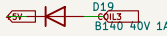
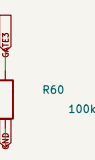
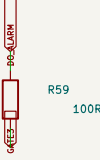
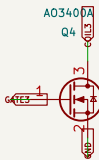
DO_P1 DRY CONTACT
J7



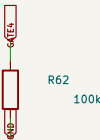
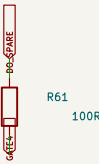
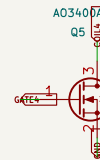
DO_P2 DRY CONTACT
J8



DO_ALARM DRY CONTACT
J9



DO_SPARE DRY CONTACT
J10



ENGINEERING CANDIDATE – FABRICATION HOLD

Sheet: /RELAYS/
File: RELAYS.kicad_sch

Title: Dual Pump Alternating Supply / RELAYS

Size: A2 Date: 2026-10-06

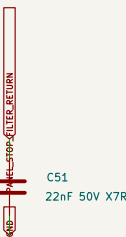
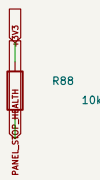
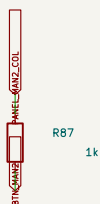
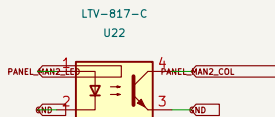
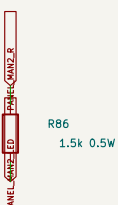
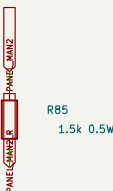
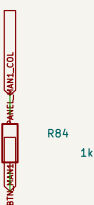
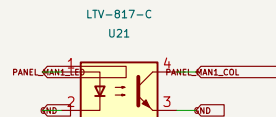
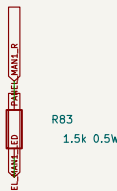
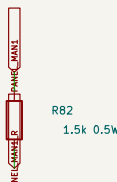
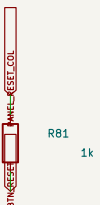
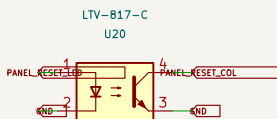
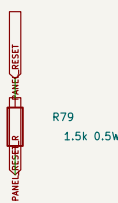
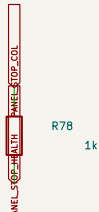
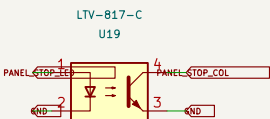
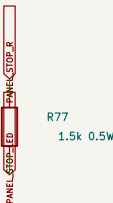
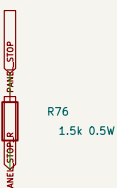
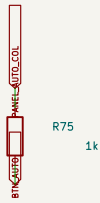
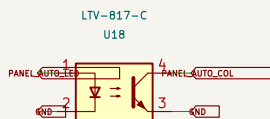
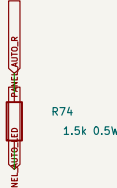
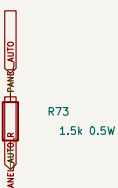
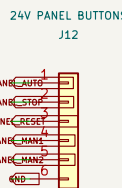
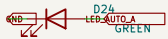
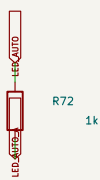
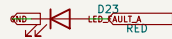
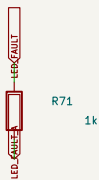
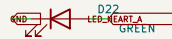
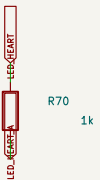
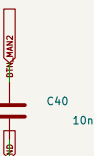
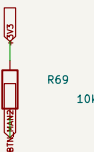
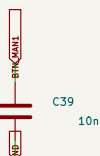
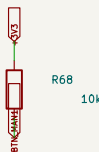
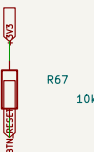
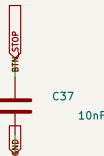
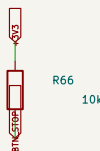
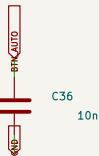
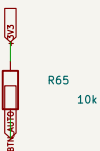
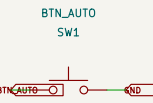
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Global labels form actual nets. See BOM and design notes. All contacts are 24V control only.



ENGINEERING CANDIDATE – FABRICATION HOLD

Sheet: /LOCAL_UI/
File: LOCAL_UI.kicad_sch

Title: **Dual Pump Alternating Supply / LOCAL_UI**

Size: A2 Date: 2026-10-06

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