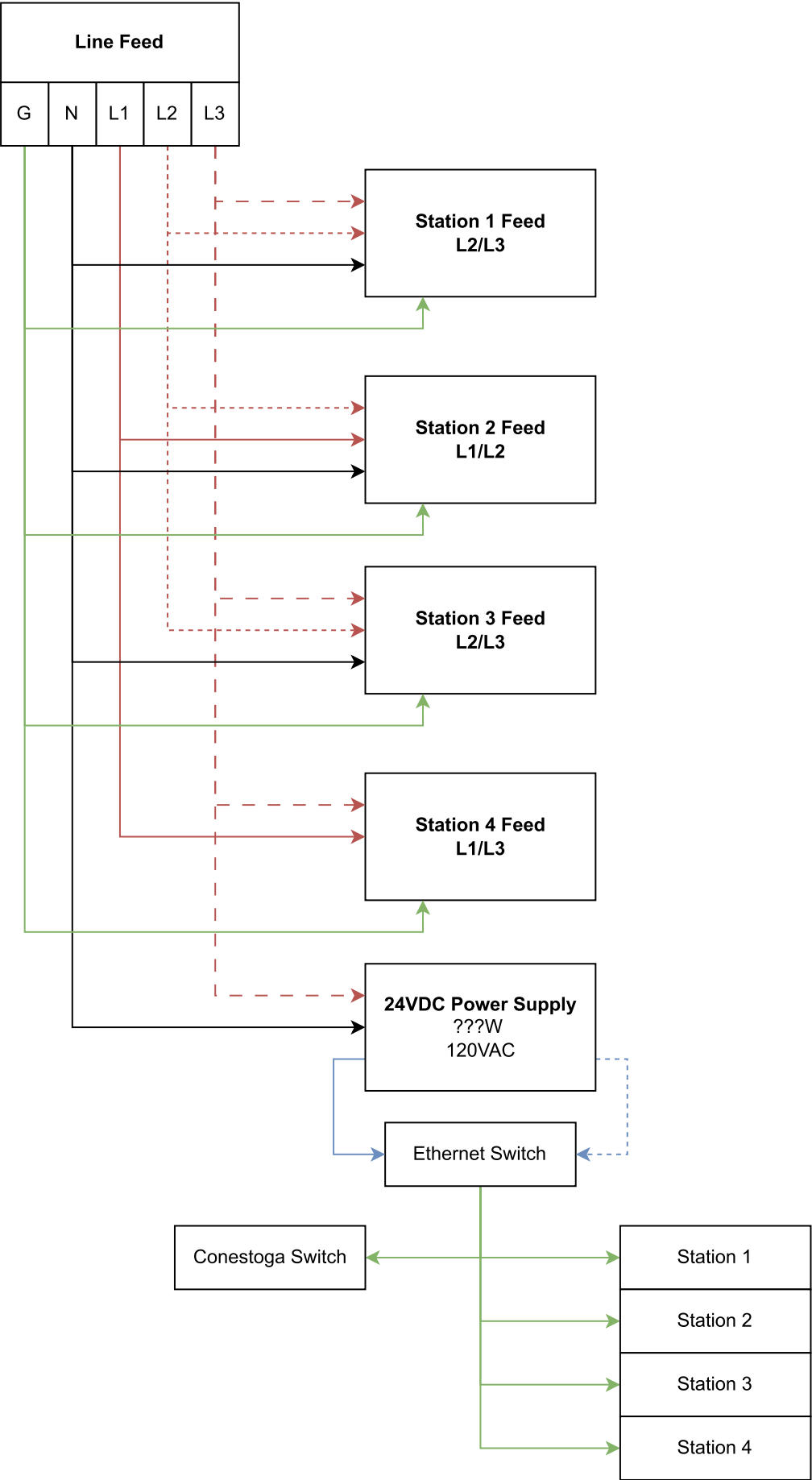
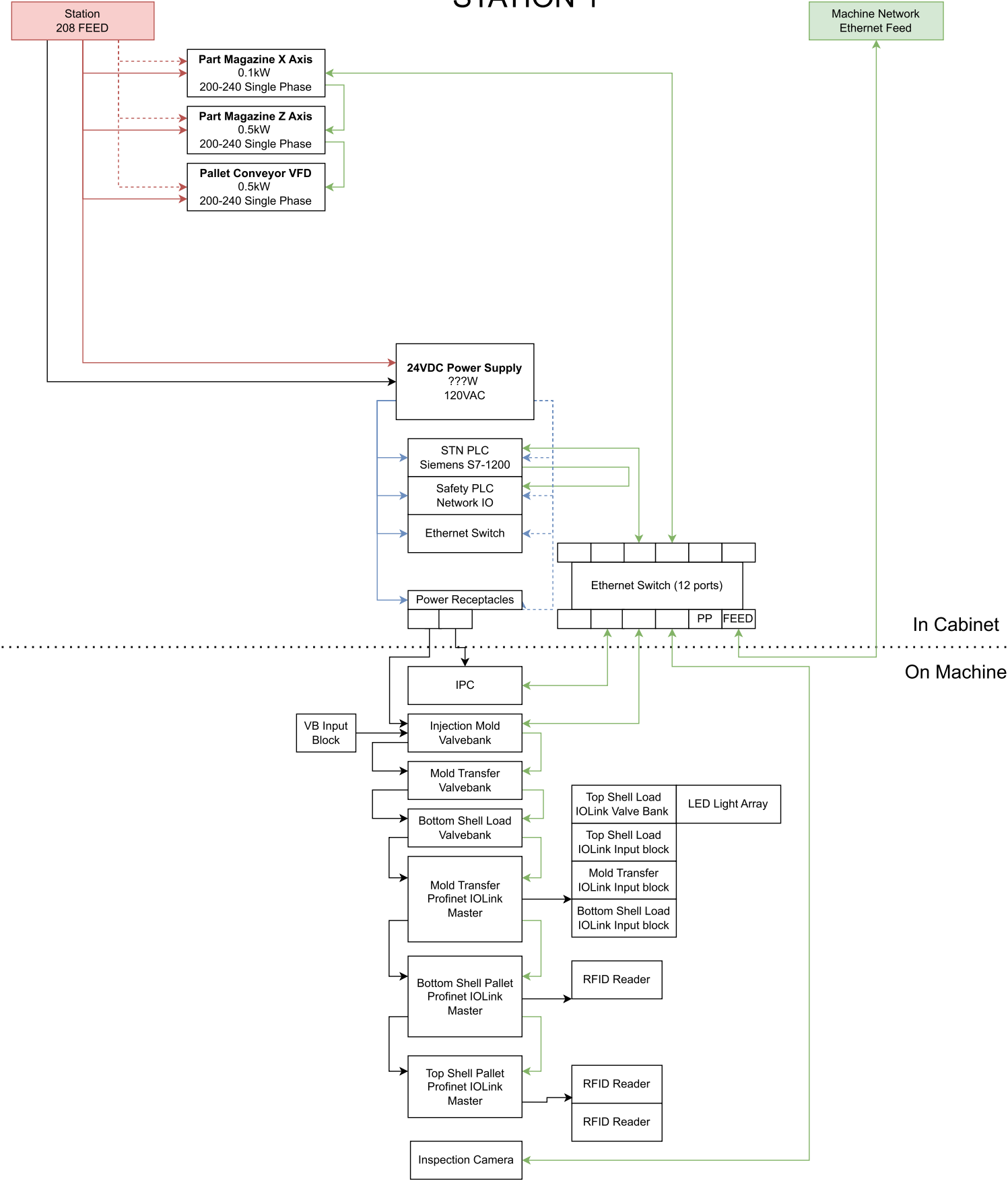


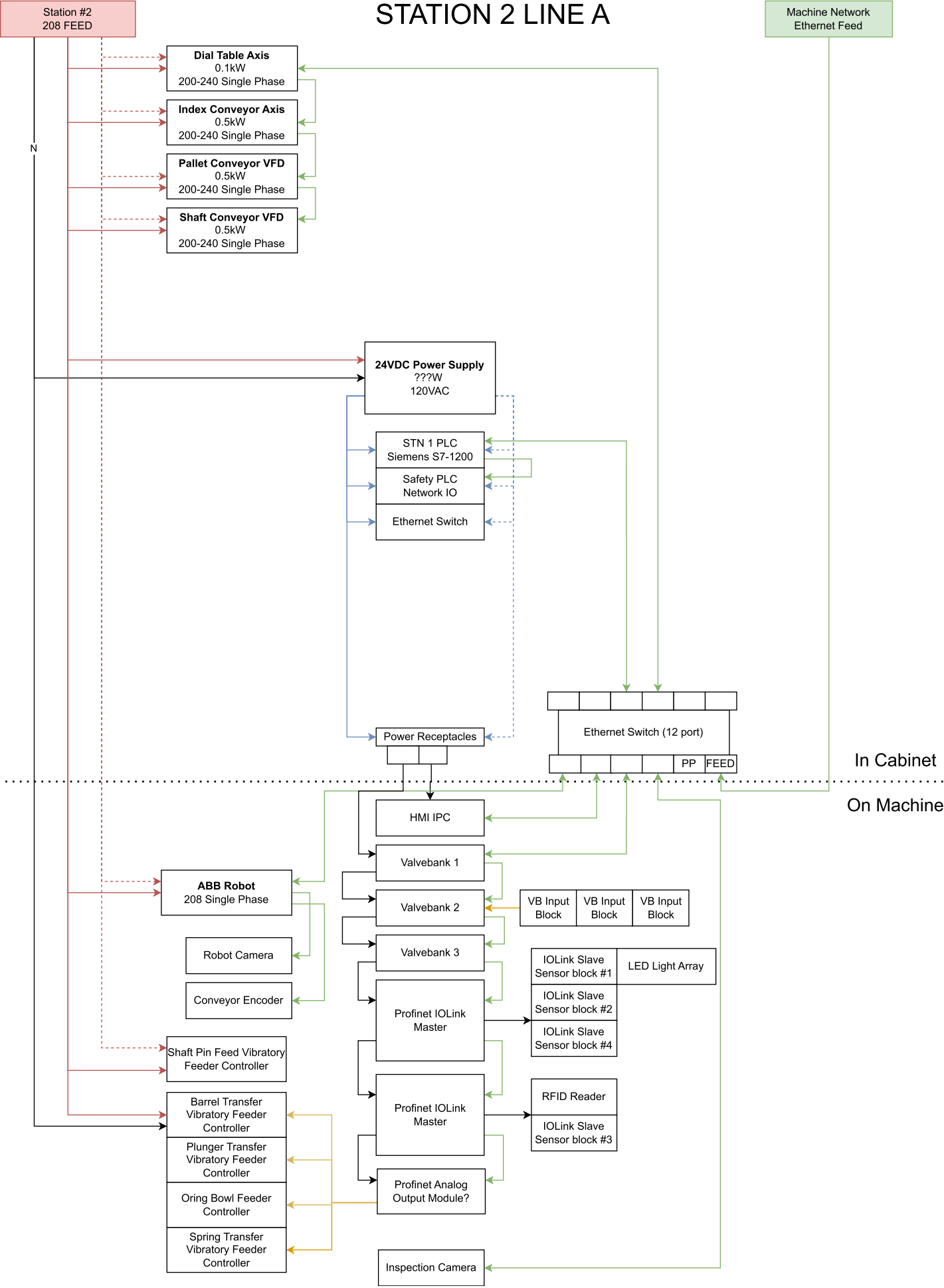
MAIN PANEL



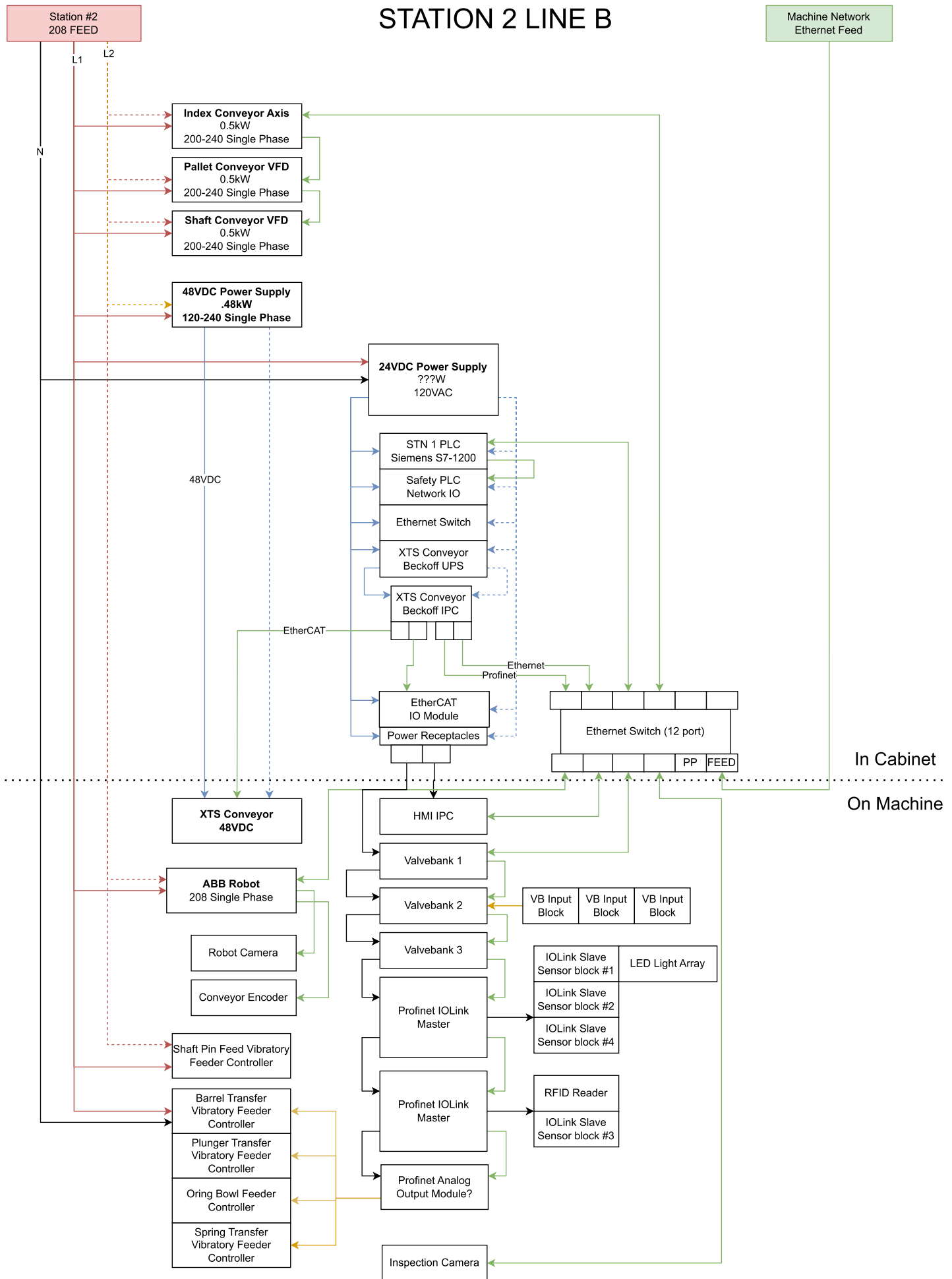
STATION 1



STATION 2 LINE A



STATION 2 LINE B



Station #3
208 FEED

STATION 3

Machine Network
Ethernet Feed

Torque Fastener X Axis
0.1kW
200-240 Single Phase

Torque Fastener Y Axis
0.5kW
200-240 Single Phase

Pallet Conveyor VFD
0.5kW
200-240 Single Phase

24VDC Power Supply
???W
120VAC

STN PLC
Siemens S7-1200

Safety PLC
Network IO

Ethernet Switch

Power Receptacles

Ethernet Switch (12 port)

PP FEED

In Cabinet

On Machine

Torque Fastening
System

HMI IPC

Trigger Install
Valvebank

Top Shell / Fastener
Install Valvebank

Station
Profinet IOLink
Master

Trigger Install
IOLink Input block

LED Light Array

Top Install/Fastener
IOLink Input block

Trigger Install Pallet
Profinet IOLink
Master

RFID Reader

Top Install Pallet
Profinet IOLink
Master

RFID Reader

Fastener Pallet
Profinet IOLink
Master

RFID Reader

Inspection Pallet
Profinet IOLink
Master

RFID Reader

Inspection Camera

