

# 390-00-casting line HPI – pipe routing

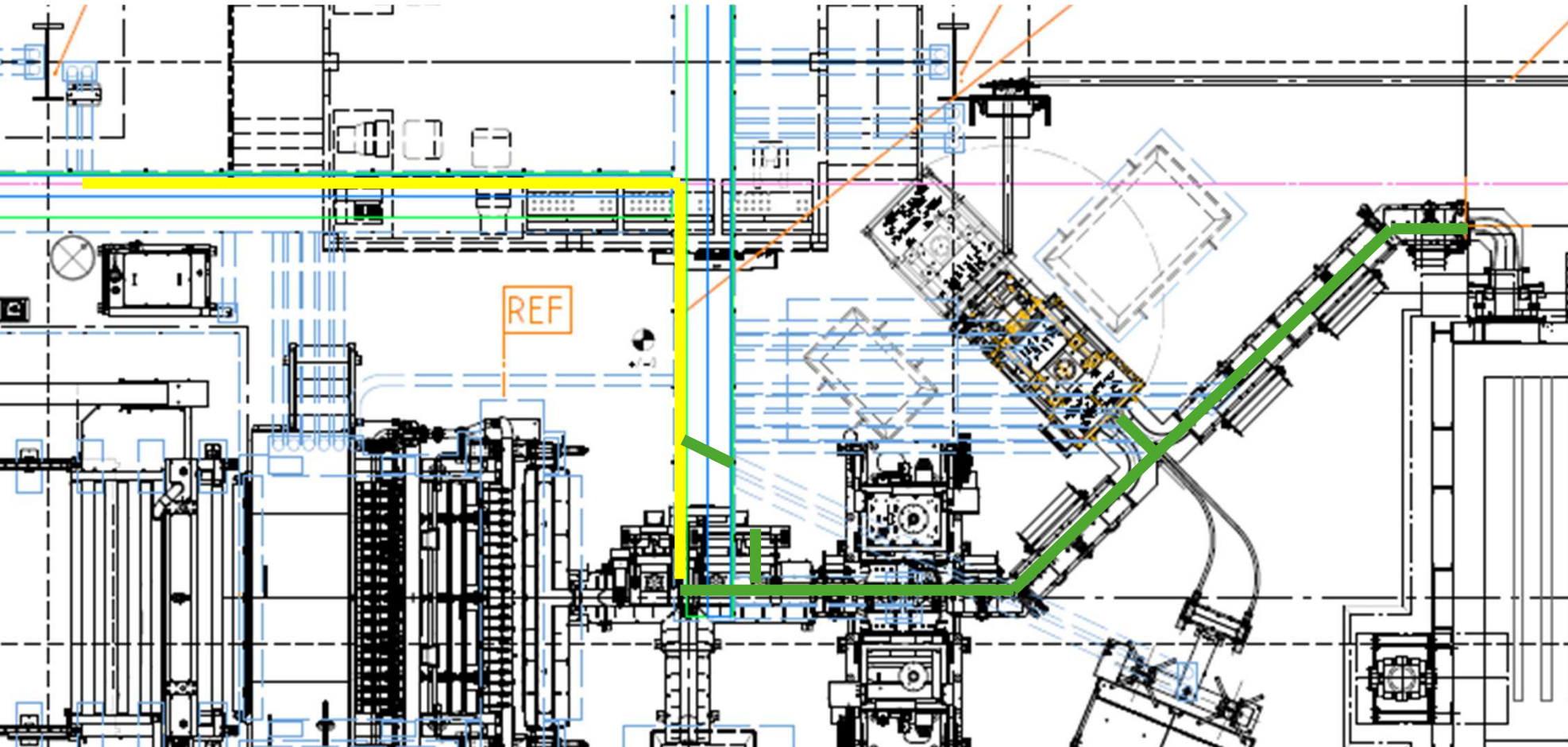
## Works before piping:

- Foundation check
- Preparing of support walls
- Preparing of C-rails for pipe clamps
- Checking pipe standards / regulations – DIN EN ISO 1127 / D4/T3
- Checking standards for pressure regulations – DIN 2413 – I
- Checking fitting standards / regulations - DIN EN ISO 8434-1

## General instructions for piping:

- All pipes has to be mounted according to the pipe instructions
- All pipes has to be mounted according to the fitting instructions
  - Sawing
  - Chamfering
  - Cleaning
- Fittings has to be mounted according to their installation instructions
- Pipes must be supported via pipe clamps several times (using C-rails in foundation channel)
- Pipes must be flushed / cleaned before connecting with some equipment (cylinder / maintenance unit / valve / ...)
- Pipelines must be tested for leakage test and document it

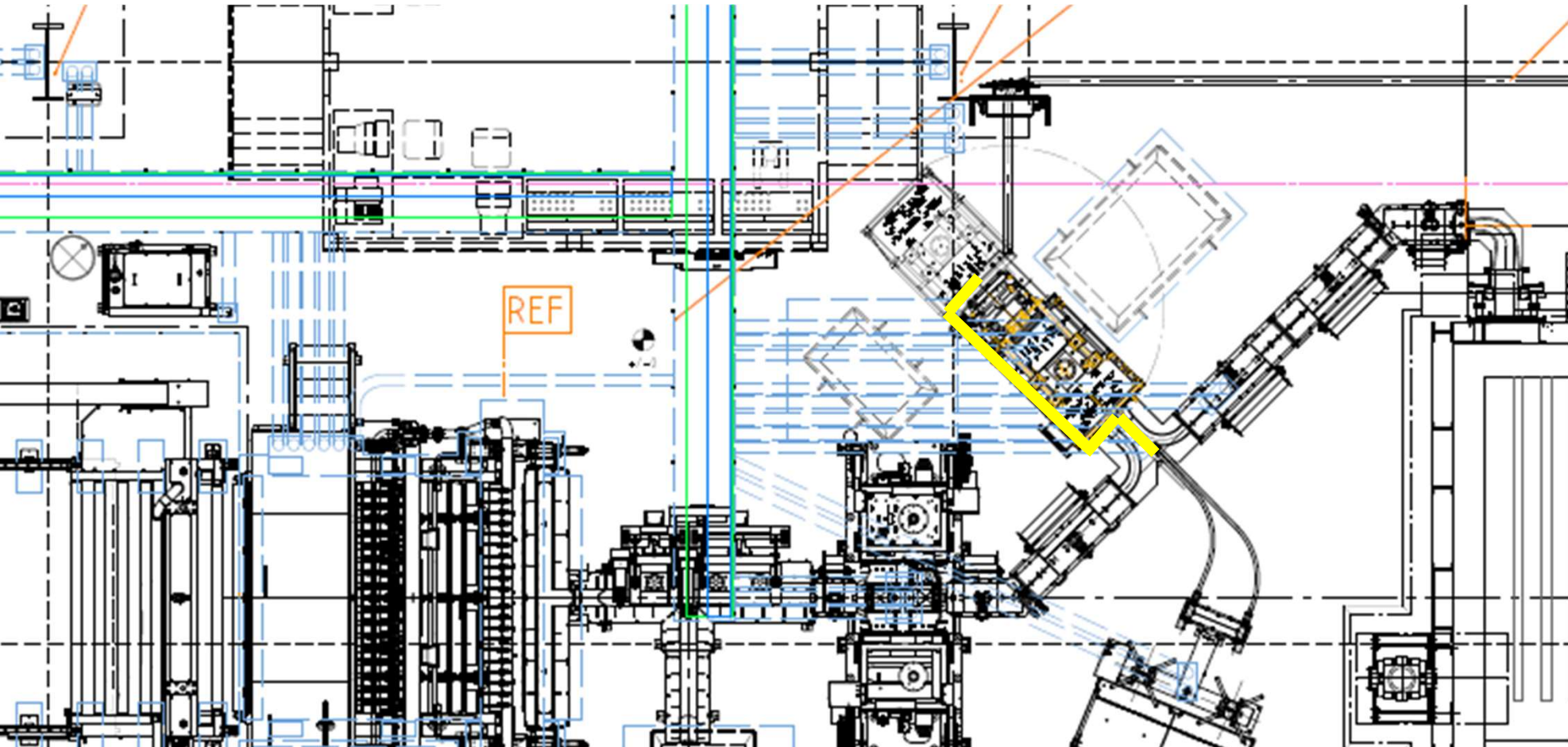
# 390-03-20- Compressed air piping-casting system



1x Supply line casting system – 15L - 1.4301 – est. Length: ~15m

1x Supply line casting system – 10L - 1.4301 – est. Length: ~12m

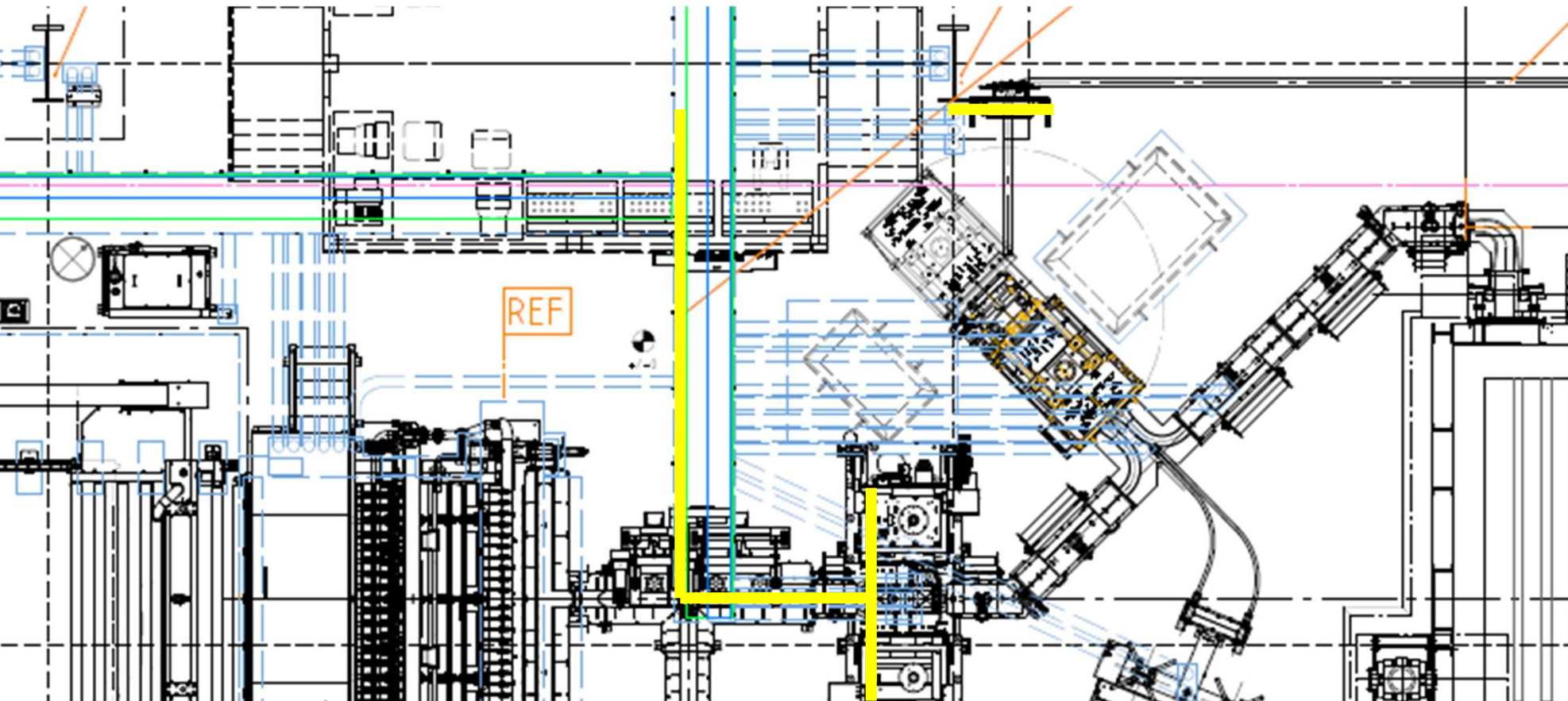
# 390-03-27- Compressed air piping-degasser



1x Supply line degasser – 8L - 1.4301 – est. Length: ~8m

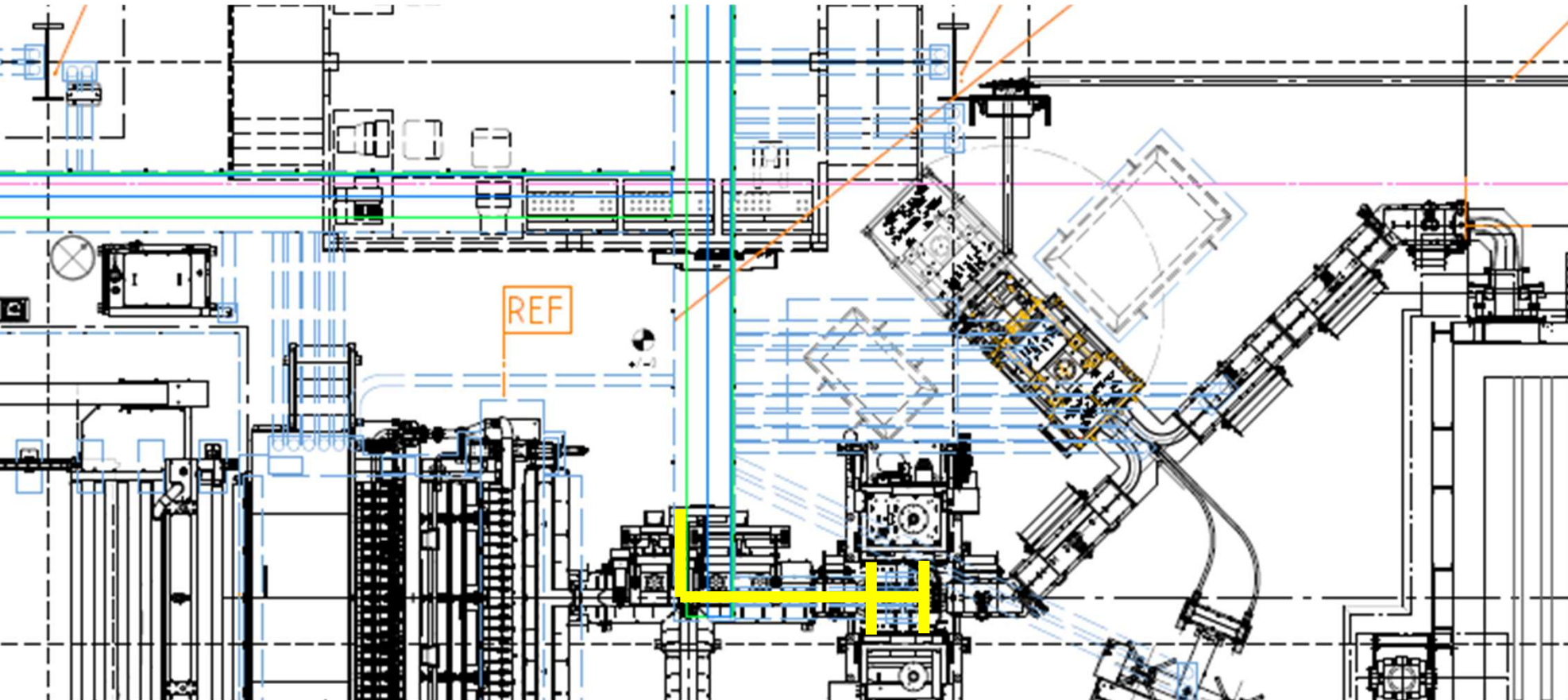


# 390-03-28- Compressed air piping CFF



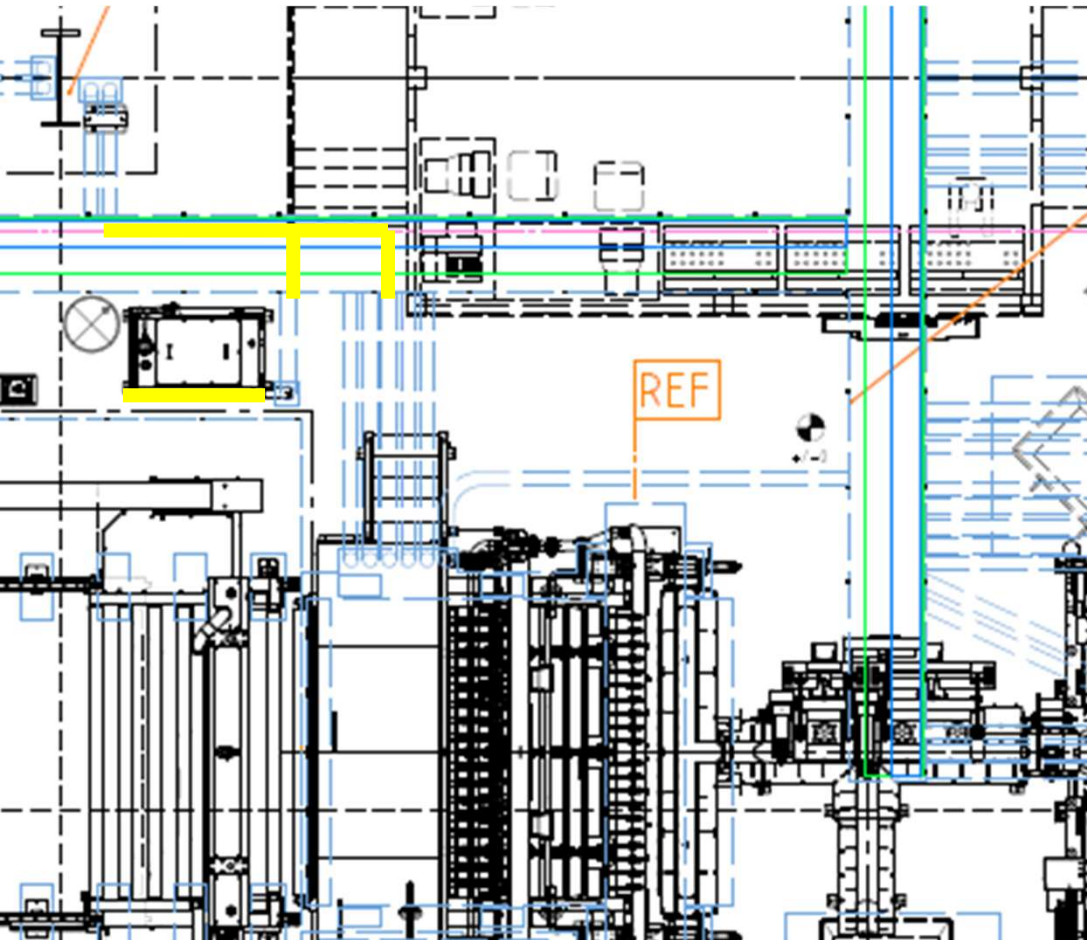
- 2x – CFF preheating - 12L - 1.4301 – est. Length: 2x ~15m
- 2x – CFF priming mechanism - 12L - 1.4301 – est. Length: 2x ~15m
- 4x – CFF draining mechanism - 8L - 1.4301 – est. Length: 4x ~15m

# 390-03-28- Compressed air piping CFF



8x – CFF H-laundry shutters - 6L - 1.4301 – est. Length: 4x ~6m / 4x ~8m

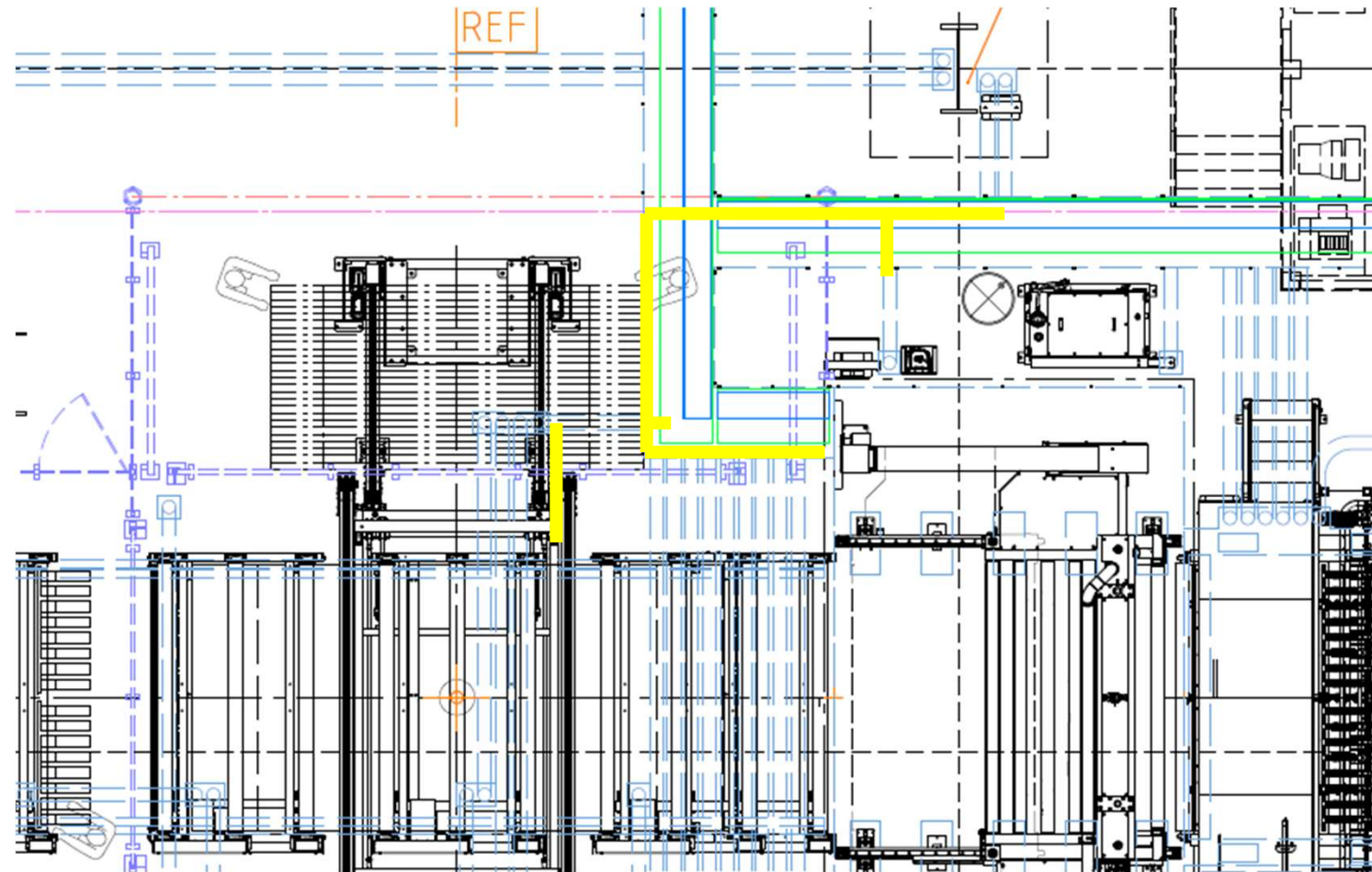
# 390-03-07- Compressed air piping-casting machine



1x Supply line casting machine + mould lubrication – 10L - 1.4301 – est. Length: ~15m

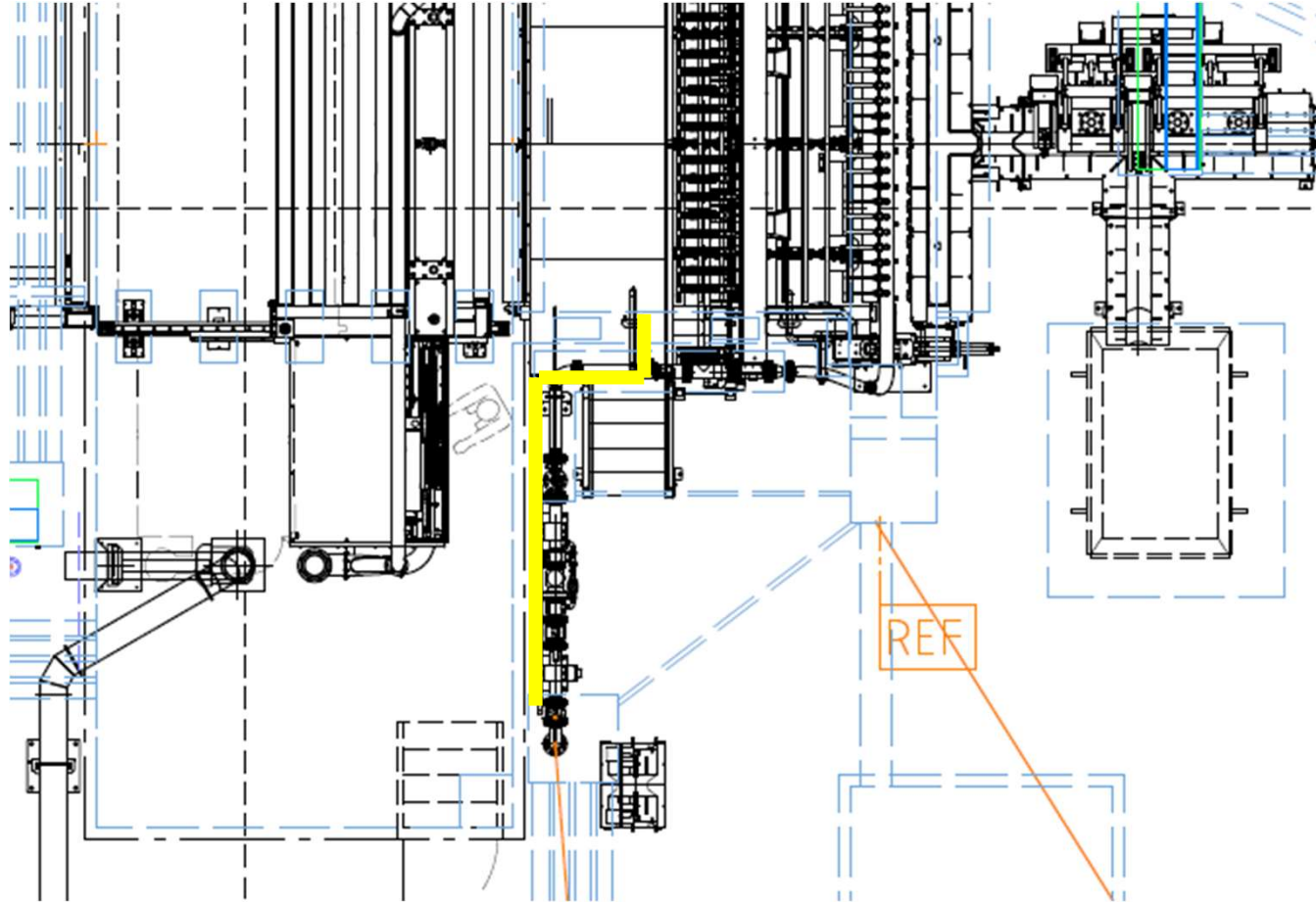


# 390-03-08- Compressed air piping-flying saw



1x Supply line flying saw + saw blade lubrication + cross conveyor – 10L - 1.4301 – est. Length: ~16m

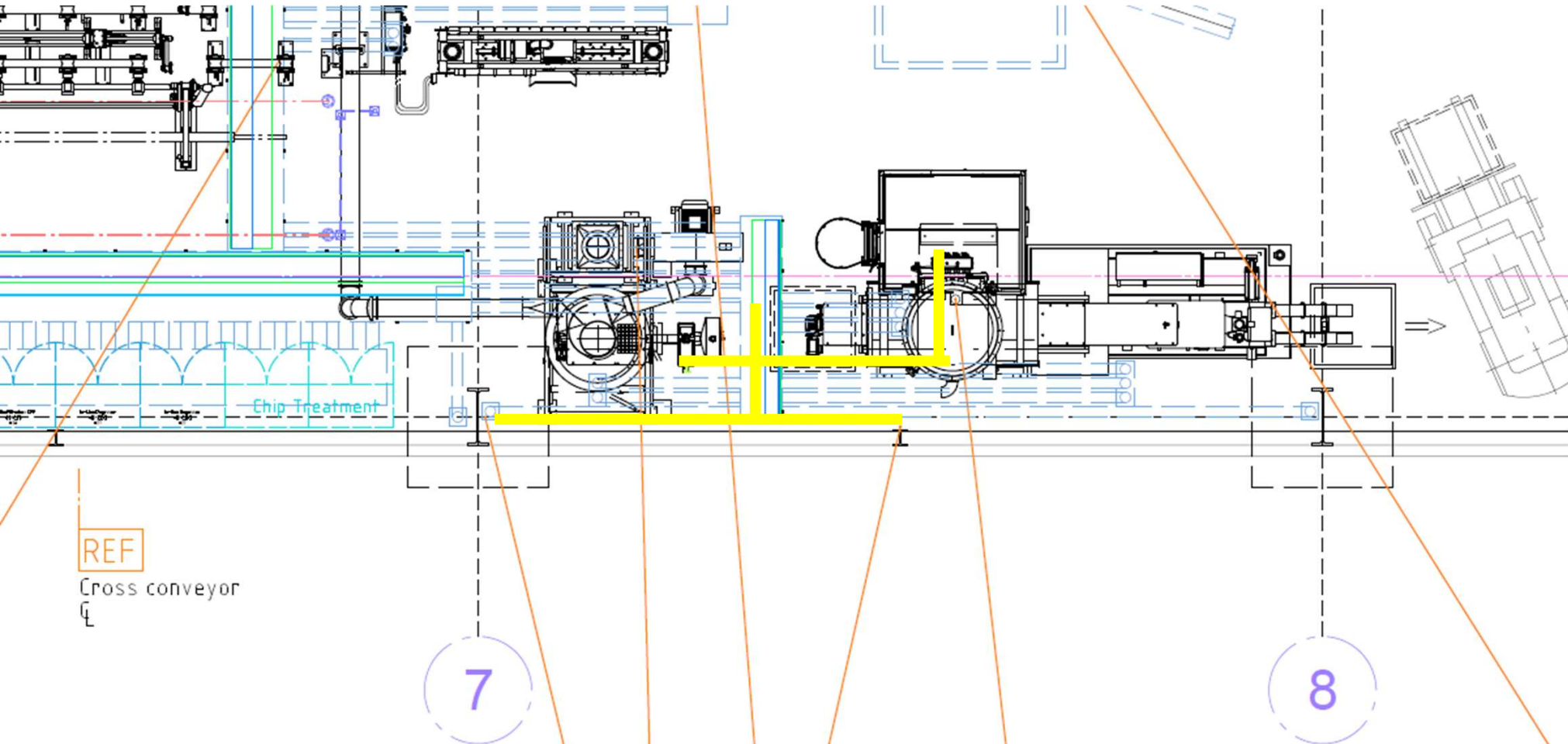
# 390-03-14- Compressed air piping-cooling water



1x Supply line cooling water – 10L - 1.4301 – est. Length: ~8m

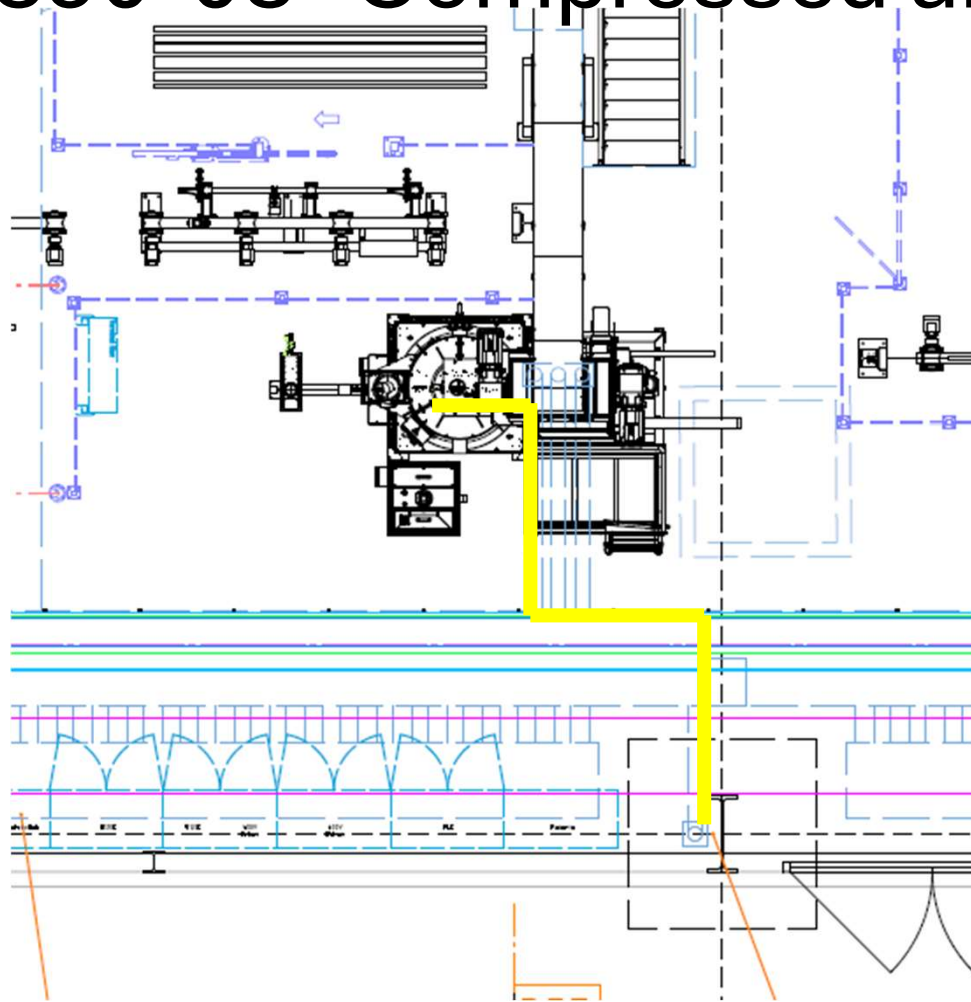


# 390-03- Compressed air piping-chip exhaust



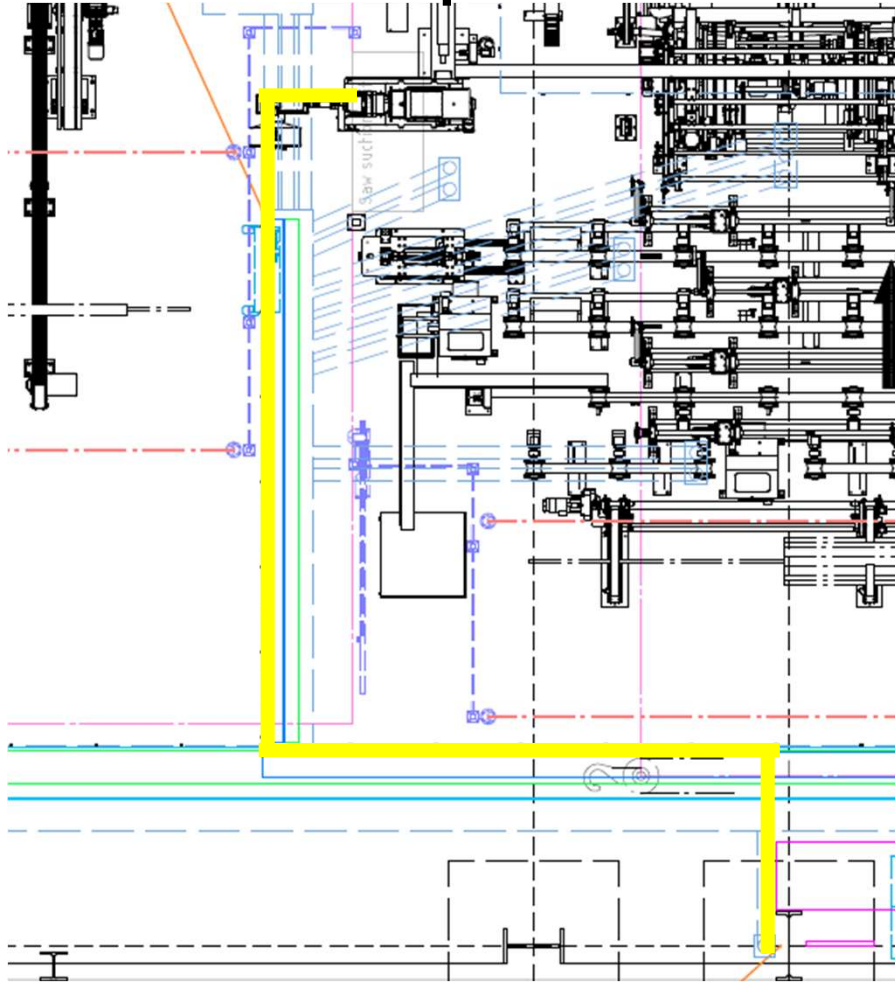
1x Supply line chip exhaust- 10L - 1.4301 – est. Length: ~20m

# 390-03- Compressed air piping-chip exhaust



1x Supply line chip exhaust- 10L - 1.4301 – est. Length: ~12m

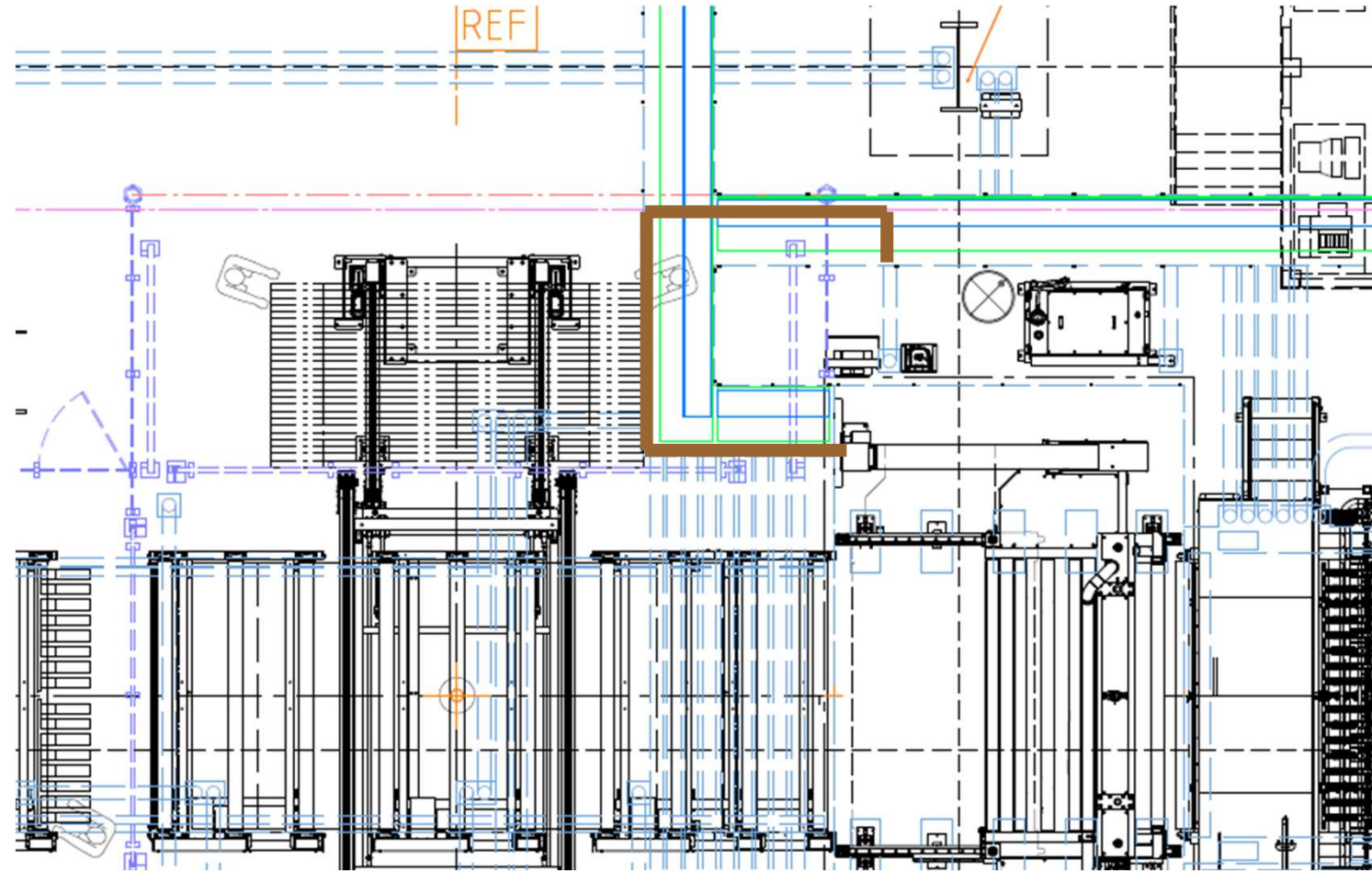
# 390-03- Compressed air piping-chip exhaust



1x Supply line chip exhaust- 10L - 1.4301 – est. Length: ~20m

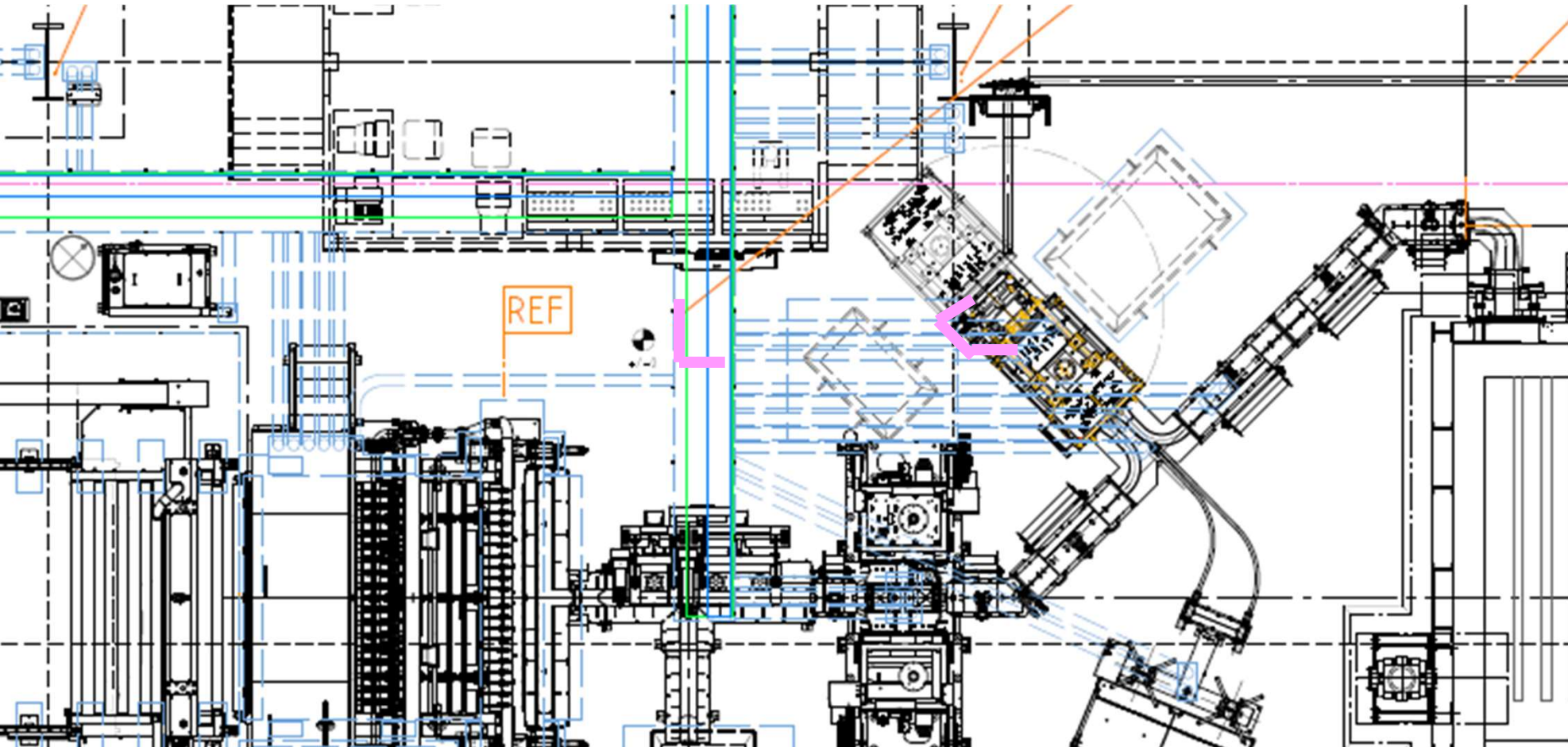


# 390-08- saw blade lub. piping-flying saw



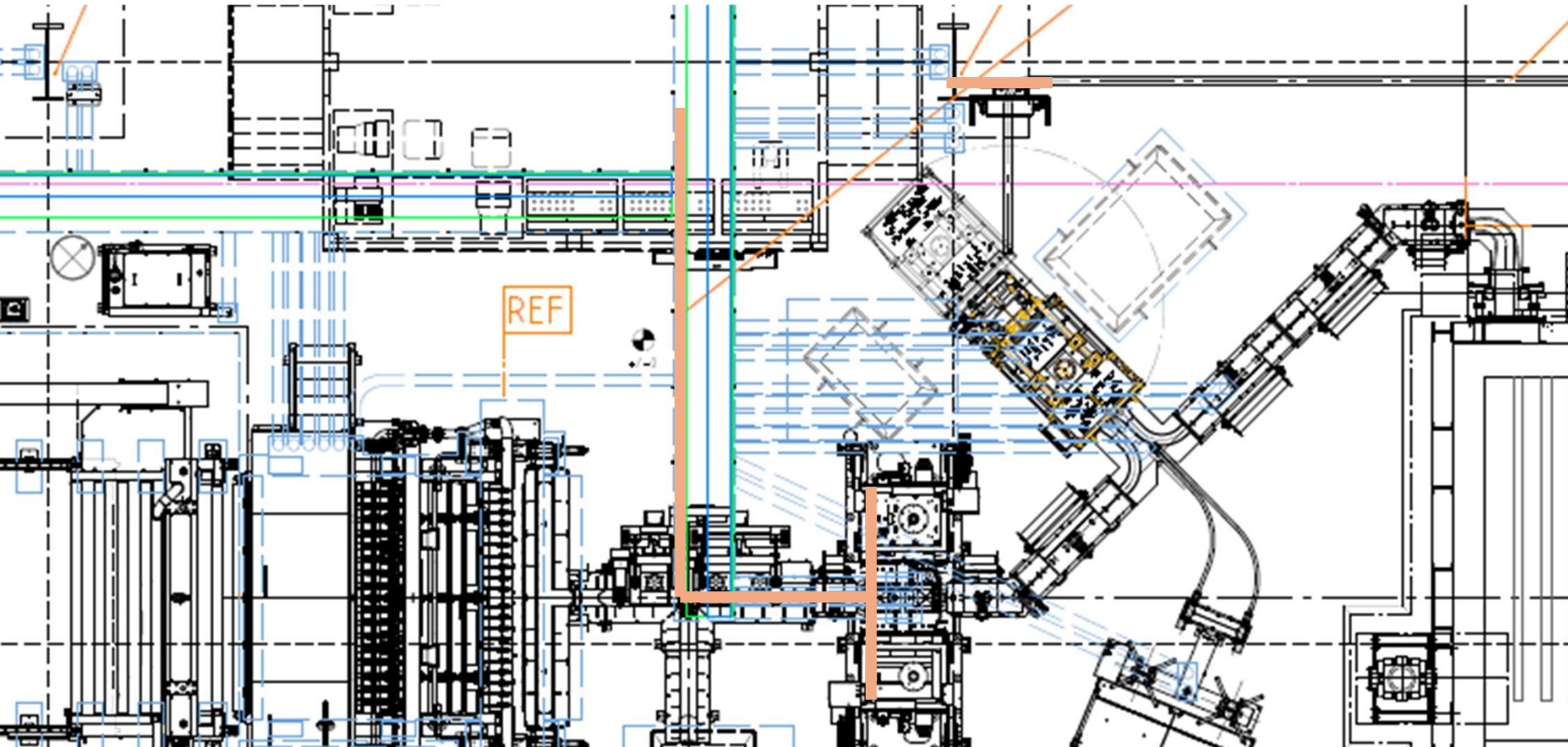
1x saw blade lubrication – 6L - 1.4301 – est. Length: ~16m

# 390-03-27- process gas piping-degasser



1x process gas degasser – 12L - 1.4571 – est. Length: ~8m

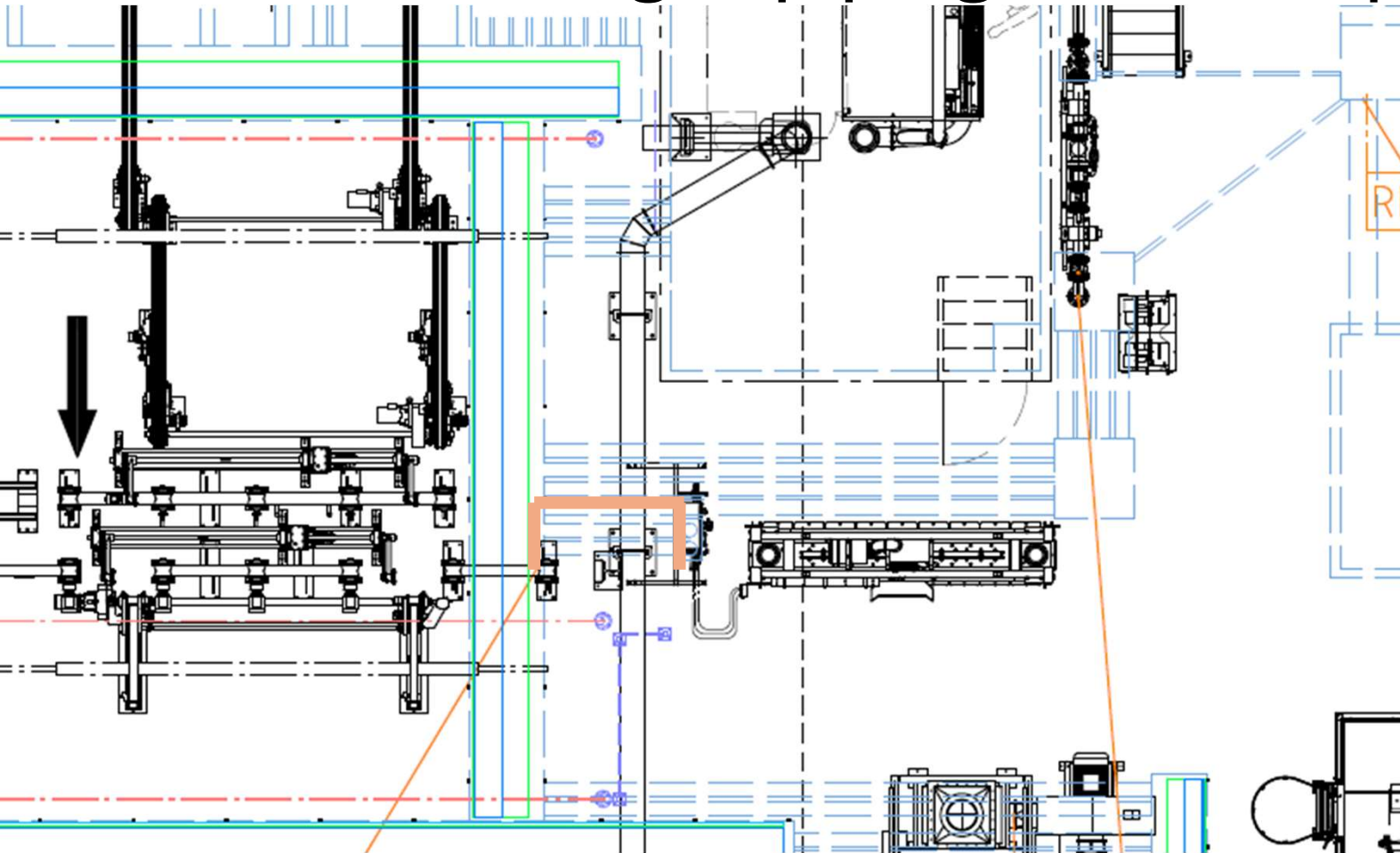
# 390-28- Natural gas piping CFF



2x – CFF preheating - 20L - 1.4301 – est. Length: 2x ~15m

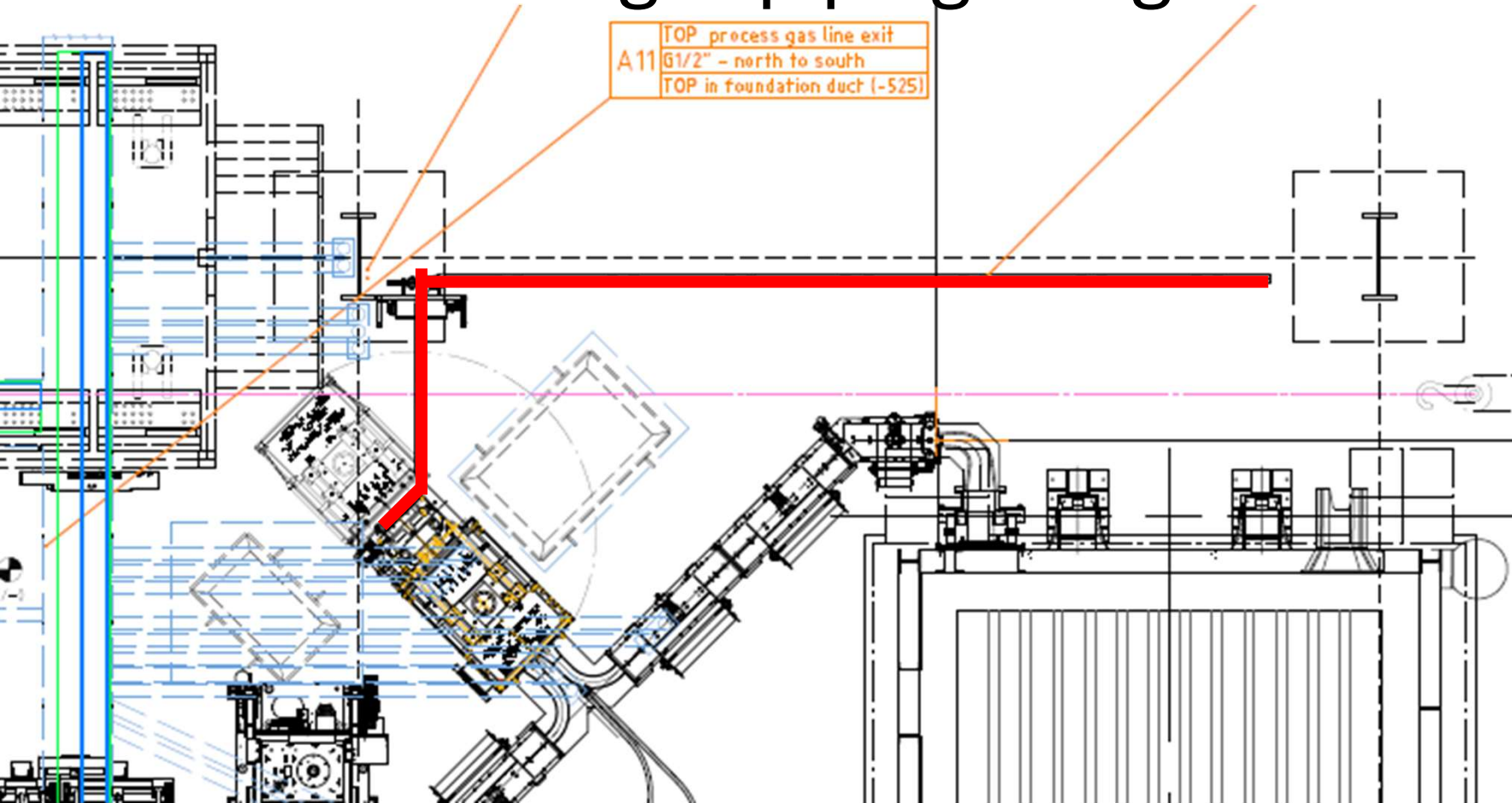


# 390-22- Natural gas piping – tundish preheat



1x – supply tundish preheat- 20L - 1.4301 – est. Length: ~6m

# 390-27- exhaust gas piping – degasser



1x –exhaust gas line- DN100 - 1.4571 – est. Length: ~15m – welded / flanged pipe