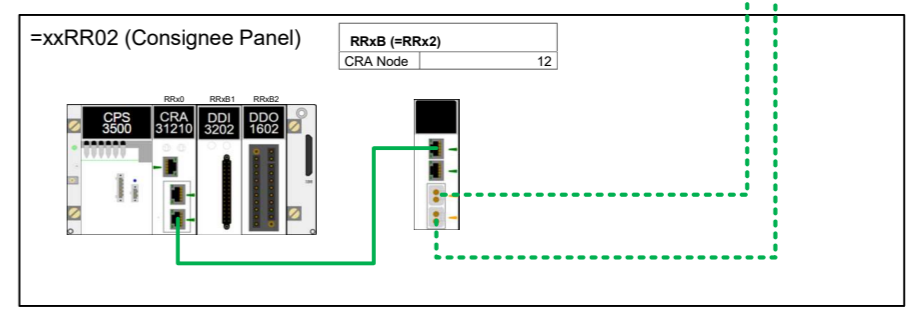
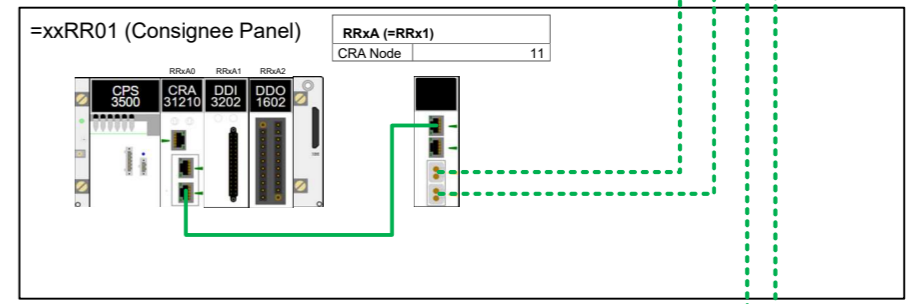
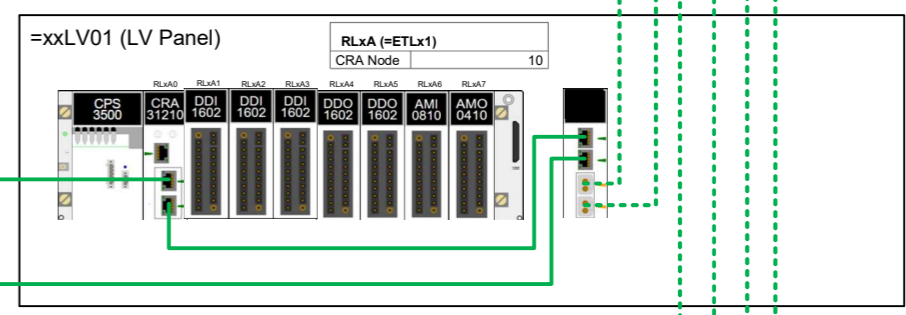
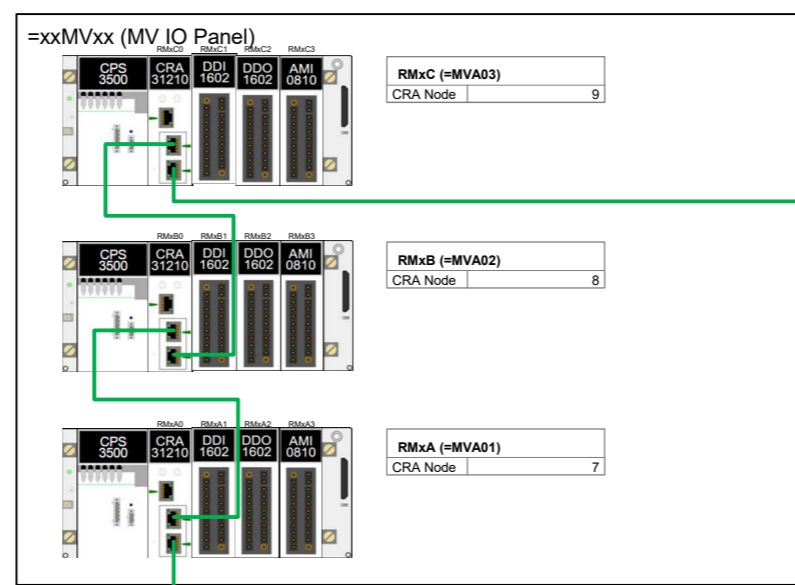
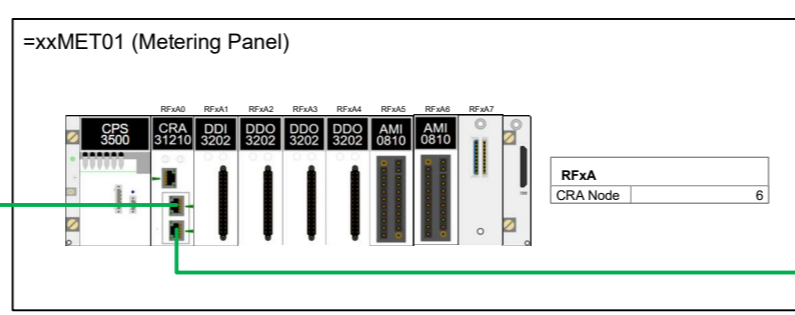
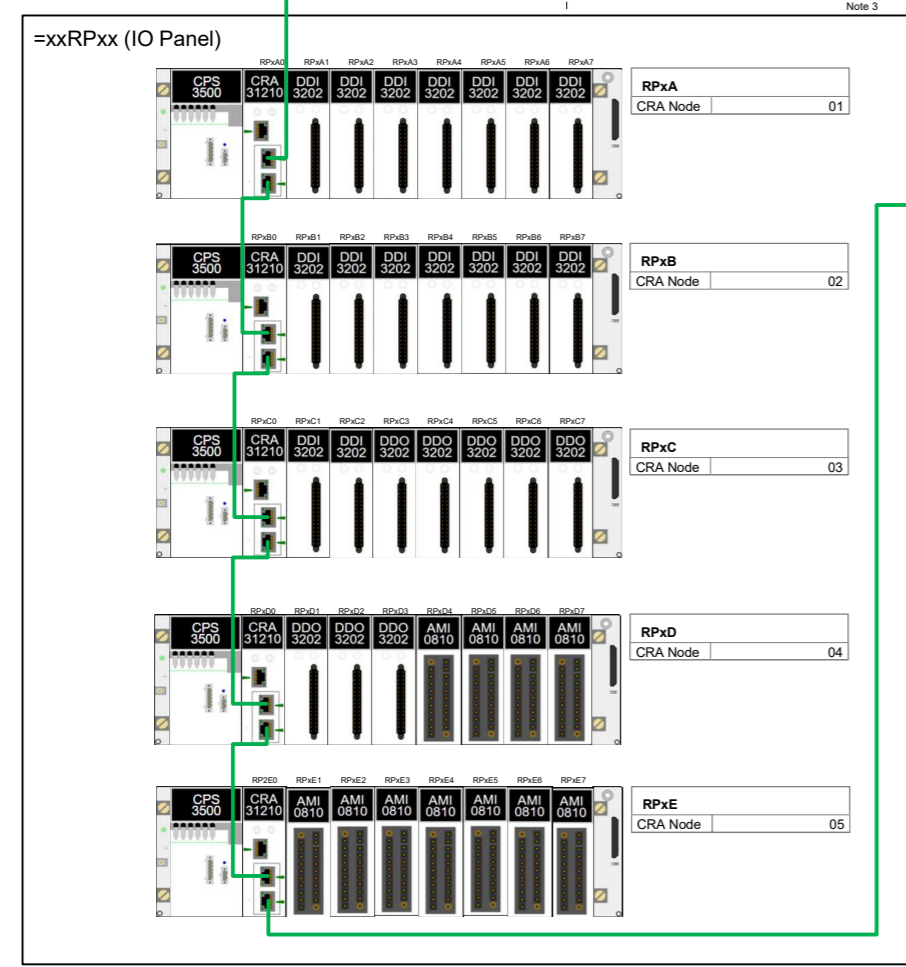
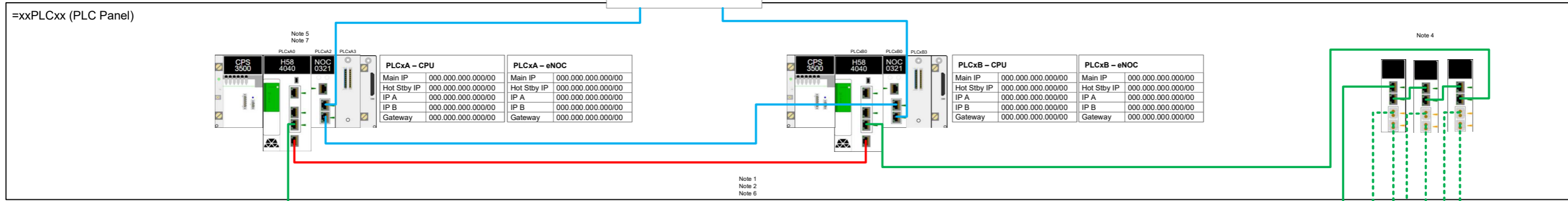


Concept SCADA System Architecture
H373204-0000-270-256-0001



LEGEND:

- PLC IO Ring (Cu)
- Hot Standby Link (Cu)
- PCS SCADA/PLC Network Ring (Cu)
- PLC IO Ring (Fibre)
- Backplane
- PLC CPU (Models TBD)
- IO Cards (Various)
- Power Supply
- Ethernet module
- DIN Rail Fibre Optic Converter

- NOTES:**
- CARD MODEL NUMBERS TO BE DETERMINED AS PART OF DETAIL ENGINEERING
 - PANEL QUANTITY, LOCATION AND TYPES ARE GENERIC
 - NODE ADDRESSES WILL BE DETERMINED PER SITE
 - FIBRE OPTIC RING PER TRANSCIVER
 - PLC MODEL TO BE SIZED BASED ON SITE
 - SOME PANELS MAY BE ON FIBRE, IN THIS CASE THEY WILL BE AS PER LV/CONSIGNEE
 - PLC BACKPLANE A 4-SLOT TO FIT INTO EXISTING PANELS

APPROVED BY	Designation: TPL Project Manager Name: Neresh Thoolsiram		18/04/24
	Designation: TPL Senior Supply and Logistics Manager Name: Carel Müller		18/04/24

DRAWING/DOC No #	DRAWING/DOC TITLE	REV	DESCRIPTION	BY	CKD	APPR	DATE	ROLE	NAME	SIGN	DATE	SCALE	TPL DWG #:	CON DWG #:	SHT	REV
E354086-00000-271-078-0002	LAN Network Specification	0	Issued for Use	SF	TR	FS	10/04/24	DESIGNER	S Florence		04/04/2024	NTS	xxxxxxx	H373204-0000-270-256-0002	1	0
		B	Issued for Client Review	SF	TR	FS	04/04/24	PRJ MANAGER	F Scholtz		04/04/2024					
		A	Issued for Review	SF	TR	FS	04/04/24	CLIENT	M Matenchi		18/04/2024					

INLAND AUTOMATION PROJECT
Typical Station PLC Conceptual Architecture
Filename: H373204-0000-270-256-0002.vsd

