CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	Systems Cables List	Sh. 1 of 15 Date: 06-02-2025 Rev. 03

Base Load Power Hub (BLPH)

ICSS

Systems Cables List

Document Number: 1724000594-IN-LIS-00007
Subpplier Document Number: E366772C00-CL

Document Class: 2

03	06-02-2025	Accepted for Construction (AFC)	SKR	MP/KN/AB	SC
02	11-11-2024	Accepted for Construction (AFC)	SKR	MP/KN/AB	SC
01	23-09-2024	Issue for Review (IFR)	SKR	MP/KN/AB	SC
00	16-05-2024	Issue for Review (IFR)	SKR	MP/KN/AB	SC
Rev.	Date	Description	Prepared	Reviewed	Approved

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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	Systems Cables List	Sh. 2 of 15 Date: 06-02-2025 Rev. 03

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		00	01	02					
1	Cover	X	X	X					
2	Table of Contents	X	X	X					
3	Revision / Holds List	X	X	X					
4	General Notes	X	X	X					
5	Systems Cables List - Vnet_IP-B1	X	X	X					
6	Systems Cables List - Vnet_IP-B2	X	X	X					
7	Systems Cables List - PIN	X	X	X					
8	Systems Cables List - PIN	X	X	X					
9	Systems Cables List - PRE-FAB Cables	X	X	X					
10	Systems Cables List - PRE-FAB Cables	X	X	X					
11	Systems Cables List - PRE-FAB Cables	X	X	X					
12	Systems Cables List - M-TCP_IEC,SERVICE	X	X	X					
13	Systems Cables List - M-TCP_IEC,SERVICE	X	X	X					
14	Systems Cables List MODBUS & Profinet		X	X					

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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	Systems Cables List	Sh. 3 of 15 Date: 06-02-2025 Rev. 03

Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ISSUE FOR REVIEW (IFR)
02	Accepted for Construction (AFC)
03	Accepted for Construction (AFC)

HOLDS LIST

No.	Description
1	CCR - cable length shall be confirmed during site commissioning
2	
3	
4	
5	Company enterprise connection details shall be confirmed during site commissioning
6	CCR -Cabinet Details shall be decided during site commissioning
7	
8	

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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	Systems Cables List	Sh. 4 of 15 Date: 06-02-2025 Rev. 03

GENERAL NOTES:

1 System Cable Schedule is prepared based on the following reference documents:
A) Network Architecture for Crosswind BLPH : 1724000594-IN-DD-00015
2 Details of System Cables used are as follows

IT CABLE	SERVICE	DESCRIPTION
a. CAT6 S/UTP	Vnet/IP BUS-1 and BUS-2	Yokogawa Control Network (Vnet/IP)
b. CAT6 S/UTP	Safety Network	SIS Vnet/IP Network
c. CAT6 S/UTP	PIN	Plant Information Network (Ethernet)
d. CAT6 S/UTP	Modbus/Profinet	Ethernet Communication Module
e. CAT6 S/UTP	Modbus	MODBUS Protocal communication to CI Server
f. CAT6 S/UTP	NTP Interface	Time Synchronising
g. PRE-FAB cables	Conditioned Electrical Signals	PCS IO Card Signal Processing
h. FO Cable	PTP Interface	PTP Interface

3 Colour code summary for cables

S.No	Item	Cable Type	Color
1	Vnet/IP Bus 1	CAT-6	Red
2	Vnet/IP Bus 2	CAT-6	Blue
3	PIN Network	CAT-6	Green
4	FO Patch Cable	Single Mode Fiber optic cable	Yellow
5	Modbus/Profinet TCP/IP	CAT-6	Green
6	KVM Connectivity	CAT-6	Grey
7	NTP Interface	CAT-6	Grey
8	IEC61850/Service	CAT-6	Grey
9	OPC UA	CAT-6	Grey
10	PTP	Multi Mode Fiber optic cable	Aqua
11			
12			

*NOTE: Cable colour code shall be changed during detailed design
4 Solar Farm, Wind Farm ,ICPP and Splice box connections are considered outside battery limits

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
A	Control Bus Cables - Vnet/IP Bus-1														
1	B400-NET-001	CNSWL2-001	P7	ITER	B400-PCS-001	FCS0101	CPU-L-B1	ITER	B400-NET1-A1	CNSWL2-001:P7 / FCS0101:CPU-L-B1	FCS0101:CPU-L-B1 / CNSWL2-001:P7	CAT6 UTP, RED	15	Vnet/IP-B1	CABLE INSTALLED IN YARD
2	B400-NET-001	CNSWL2-001	P8	ITER	B400-PCS-001	FCS0101	CPU-R-B1	ITER	B400-NET1-A2	CNSWL2-001:P8 / FCS0101:CPU-R-B1	FCS0101:CPU-R-B1 / CNSWL2-001:P8	CAT6 UTP, RED	15	Vnet/IP-B1	CABLE INSTALLED IN YARD
3	B400-NET-001	CNSWL2-001	P9	ITER	B400-SRV-001	EWS0164	Bus-1	ITER	B400-NET1-A3	CNSWL2-001:P9 / EWS0164:Bus-1	EWS0164:Bus-1 / CNSWL2-001:P9	CAT6 UTP, RED	10	Vnet/IP-B1	PCS, SIS+FGS
4	B400-NET-001	CNSWL2-001	P10	ITER	B400-SRV-001	CISVR01	Bus-1	ITER	B400-NET1-A4	CNSWL2-001:P10 / CISVR01:Bus-1	CISVR01:Bus-1 / CNSWL2-001:P10	CAT6 UTP, RED	10	Vnet/IP-B1	CI Server-1
5	B400-NET-001	CNSWL2-001	P19	ITER	B400-SRV-001	CISVR02	Bus-1	ITER	B400-NET1-A5	CNSWL2-001:P19 / CISVR02:Bus-1	CISVR02:Bus-1 / CNSWL2-001:P19	CAT6 UTP, RED	10	Vnet/IP-B1	CI Server-2
6	B400-NET-001	CNSWL2-001	P16	ITER	B400-SRV-001	IAMSSVR	Bus-1	ITER	B400-NET1-A6	CNSWL2-001:P16 / IAMSSVR:Bus-1	IAMSSVR:Bus-1 / CNSWL2-001:P16	CAT6 UTP, RED	10	Vnet/IP-B1	IAMS
7	B400-NET-001	SNSWL2-003	P7	ITER	B400-SIS-001	SCS0110	CPU-L-B1	ITER	B400-NET1-A7	SNSWL2-003:P7 / SCS0110:CPU-L-B1	SCS0110:CPU-L-B1 / SNSWL2-003:P7	CAT6 UTP, RED	20	Vnet/IP-B1	CABLE INSTALLED IN YARD
8	B400-NET-001	SNSWL2-003	P8	ITER	B400-SIS-001	SCS0110	CPU-R-B1	ITER	B400-NET1-A8	SNSWL2-003:P8 / SCS0110:CPU-R-B1	SCS0110:CPU-R-B1 / SNSWL2-003:P8	CAT6 UTP, RED	20	Vnet/IP-B1	CABLE INSTALLED IN YARD
9	B400-NET-001	SNSWL2-003	P9	ITER	B400-FGS-001	SCS0120	CPU-L-B1	ITER	B400-NET1-A9	SNSWL2-003:P9 / SCS0120:CPU-L-B1	SCS0120:CPU-L-B1 / SNSWL2-003:P9	CAT6 UTP, RED	15	Vnet/IP-B1	CABLE INSTALLED IN YARD
10	B400-NET-001	SNSWL2-003	P10	ITER	B400-FGS-001	SCS0120	CPU-R-B1	ITER	B400-NET1-A10	SNSWL2-003:P10 / SCS0120:CPU-R-B1	SCS0120:CPU-R-B1 / SNSWL2-003:P10	CAT6 UTP, RED	15	Vnet/IP-B1	CABLE INSTALLED IN YARD
11	B400-NET-001	CNSWL2-001	P17	ITER	B400-NET-001	FW-001	WAN1	ITER	B400-NET1-A11	CNSWL2-001:P17 / FW-001:WAN1	FW-001:WAN1 / CNSWL2-001:P17	CAT6 UTP, RED	5	Vnet/IP-B1	
12	B400-NET-001	SNSWL2-003	P15	ITER	B400-NET-001	FW-001	P1	ITER	B400-NET1-A12	SNSWL2-003:P15 / FW-001:P1	FW-001:P1 / SNSWL2-003:P15	CAT6 UTP, RED	5	Vnet/IP-B1	
13	B400-NET-001	CNSWL2-001	P18	ITER	B400-SRV-001	TMSSWL2-001	P19	ITER	B400-NET1-A13	CNSWL2-001:P18 / TMSSWL2-001:P19	TMSSWL2-001:P19 / CNSWL2-001:P18	CAT6 UTP, Grey	5	mgmt	management Services
14	B400-NET-001	SNSWL2-003	P18	ITER	B400-SRV-001	TMSSWL2-001	P15	ITER	B400-NET1-A14	SNSWL2-003:P18 / TMSSWL2-001:P15	TMSSWL2-001:P15 / SNSWL2-003:P18	CAT6 UTP, Grey	5	mgmt	management Services
15	B400-SRV-001	TMSSVR01	P3	ITER	B400-NET-001	FW-001	P2	ITER	B400-SRV1-B15	TMSSVR01:P3 / FW-001:P2	FW-001:P2 / TMSSVR01:P3	CAT6 UTP, Grey	5	SNTP	Time sync

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
B	Control Bus Cables - Vnet/IP Bus-2														
1	B400-NET-001	CNSWL2-002	P7	ITER	B400-PCS-001	FCS0101	CPU-L-B2	ITER	B400-NET1-B1	CNSWL2-002:P7 / FCS0101:CPU-L-B2	FCS0101:CPU-L-B2 / CNSWL2-002:P7	CAT6 UTP, BLUE	15	Vnet/IP-B2	CABLE INSTALLED IN YARD
2	B400-NET-001	CNSWL2-002	P8	ITER	B400-PCS-001	FCS0101	CPU-R-B2	ITER	B400-NET1-B2	CNSWL2-002:P8 / FCS0101:CPU-R-B2	FCS0101:CPU-R-B2 / CNSWL2-002:P8	CAT6 UTP, BLUE	15	Vnet/IP-B2	CABLE INSTALLED IN YARD
3	B400-NET-001	CNSWL2-002	P9	ITER	B400-SRV-001	EWS0164	Bus-2	ITER	B400-NET1-B3	CNSWL2-002:P9 / EWS0164:Bus-2	EWS0164:Bus-2 / CNSWL2-002:P9	CAT6 UTP, BLUE	10	Vnet/IP-B2	PCS, SIS+FGS
4	B400-NET-001	CNSWL2-002	P10	ITER	B400-SRV-001	CISVR01	Bus-2	ITER	B400-NET1-B4	CNSWL2-002:P10 / CISVR01:Bus-2	CISVR01:Bus-2 / CNSWL2-002:P10	CAT6 UTP, BLUE	10	Vnet/IP-B2	CI Server-1
5	B400-NET-001	CNSWL2-002	P19	ITER	B400-SRV-001	CISVR02	Bus-2	ITER	B400-NET1-B5	CNSWL2-002:P19 / CISVR02:Bus-2	CISVR02:Bus-2 / CNSWL2-002:P19	CAT6 UTP, BLUE	10	Vnet/IP-B2	CI Server-2
6	B400-NET-001	CNSWL2-002	P16	ITER	B400-SRV-001	IAMSSVR	Bus-2	ITER	B400-NET1-B6	CNSWL2-002:P16 / IAMSSVR:Bus-2	IAMSSVR:Bus-2 / CNSWL2-002:P16	CAT6 UTP, BLUE	10	Vnet/IP-B2	IAMS
7	B400-NET-001	SNSWL2-004	P7	ITER	B400-SIS-001	SCS0110	CPU-L-B2	ITER	B400-NET1-B7	SNSWL2-004:P7 / SCS0110:CPU-L-B2	SCS0110:CPU-L-B2 / SNSWL2-004:P7	CAT6 UTP, BLUE	20	Vnet/IP-B2	CABLE INSTALLED IN YARD
8	B400-NET-001	SNSWL2-004	P8	ITER	B400-SIS-001	SCS0110	CPU-R-B2	ITER	B400-NET1-B8	SNSWL2-004:P8 / SCS0110:CPU-R-B2	SCS0110:CPU-R-B2 / SNSWL2-004:P8	CAT6 UTP, BLUE	20	Vnet/IP-B2	CABLE INSTALLED IN YARD
9	B400-NET-001	SNSWL2-004	P9	ITER	B400-FGS-001	SCS0120	CPU-L-B2	ITER	B400-NET1-B9	SNSWL2-004:P9 / SCS0120:CPU-L-B2	SCS0120:CPU-L-B2 / SNSWL2-004:P9	CAT6 UTP, BLUE	15	Vnet/IP-B2	CABLE INSTALLED IN YARD
10	B400-NET-001	SNSWL2-004	P10	ITER	B400-FGS-001	SCS0120	CPU-R-B2	ITER	B400-NET1-B10	SNSWL2-004:P10 / SCS0120:CPU-R-B2	SCS0120:CPU-R-B2 / SNSWL2-004:P10	CAT6 UTP, BLUE	15	Vnet/IP-B2	CABLE INSTALLED IN YARD
11	B400-NET-001	CNSWL2-002	P17	ITER	B400-NET-001	FW-002	WAN1	ITER	B400-NET1-B11	CNSWL2-002:P17 / FW-002:WAN1	FW-002:WAN1 / CNSWL2-002:P17	CAT6 UTP, BLUE	5	Vnet/IP-B2	
12	B400-NET-001	SNSWL2-004	P15	ITER	B400-NET-001	FW-002	P1	ITER	B400-NET1-B12	SNSWL2-004:P15 / FW-002:P1	FW-002:P1 / SNSWL2-004:P15	CAT6 UTP, BLUE	5	Vnet/IP-B2	
13	B400-NET-001	CNSWL2-002	P18	ITER	B400-SRV-001	TMSSWL2-001	P20	ITER	B400-NET1-B13	CNSWL2-002:P18 / TMSSWL2-001:P20	TMSSWL2-001:P20 / CNSWL2-002:P18	CAT6 UTP, Gray	5	mgmt	Management Services
14	B400-NET-001	SNSWL2-004	P18	ITER	B400-SRV-001	TMSSWL2-001	P16	ITER	B400-NET1-B14	SNSWL2-004:P18 / TMSSWL2-001:P16	TMSSWL2-001:P16 / SNSWL2-004:P18	CAT6 UTP, Gray	5	mgmt	management Services
15	B400-SRV-001	TMSSVR01	P7	ITER	B400-NET-001	FW-002	P2	ITER	B400-SRV1-B15	TMSSVR01:P7 / FW-002:P2	FW-002:P2 / TMSSVR01:P7	CAT6 UTP, Grey	5	SNTP	Time sync

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
C	PIN Network Cables														
1	B400-NET-001	PINSWL2-001	P1	ITER	B400-NET-001	FOPP-001	P1-LEFT	ITER	B400-NET1-C1	PINSWL2-001:P1 / FOPP-001:P1-LEFT	FOPP-001:P1-LEFT / PINSWL2-001:P1	1xFOSM	2	PIN	FO PANEL
2	B400-NET-001	PINSWL2-002	P1	ITER	B400-NET-001	FOPP-001	P1-RIGHT	ITER	B400-NET1-C2	PINSWL2-002:P1 / FOPP-001:P1-RIGHT	FOPP-001:P1-RIGHT / PINSWL2-002:P1	1xFOSM	2	PIN	FO PANEL
3	B400-NET-001	PINSWL2-001	P5	ITER	B400-SVR-001	EWS0164	P1	ITER	B400-NET1-C3	PINSWL2-001:P5 / EWS0164:P1	EWS0164:P1 / PINSWL2-001:P5	CAT6 UTP, GREEN	10	PIN	EWS
4	B400-NET-001	PINSWL2-001	P6	ITER	B400-SVR-001	CISVR01	P1	ITER	B400-NET1-C4	PINSWL2-001:P6 / CISVR01:P1	CISVR01:P1 / PINSWL2-001:P6	CAT6 UTP, GREEN	10	PIN	CI SERVER (HISTORIAN)
5	B400-NET-001	PINSWL2-001	P7	ITER	B400-SVR-001	CISVR02	P1	ITER	B400-NET1-C5	PINSWL2-001:P7 / CISVR02:P1	CISVR02:P1 / PINSWL2-001:P7	CAT6 UTP, GREEN	10	PIN	CI SERVER (HISTORIAN)
6	B400-NET-001	PINSWL2-001	P8	ITER	B400-SVR-001	IAMSSVR	P1	ITER	B400-NET1-C6	PINSWL2-001:P8 / IAMSSVR:P1	IAMSSVR:P1 / PINSWL2-001:P8	CAT6 UTP, GREEN	10	PIN	PRM
7	B400-NET-001	PINSWL2-001	P9	ITER	B400-SVR-001	EMCSSVR01	P1	ITER	B400-NET1-C7	PINSWL2-001:P9 / EMCSSVR01:P1	EMCSSVR01:P1 / PINSWL2-001:P9	CAT6 UTP, GREEN	10	PIN	EMCS-1 PIN connection
8	B400-NET-001	PINSWL2-001	P10	ITER	B400-SVR-001	EMCSSVR02	P1	ITER	B400-NET1-C8	PINSWL2-001:P10 / EMCSSVR02:P1	EMCSSVR02:P1 / PINSWL2-001:P10	CAT6 UTP, GREEN	10	PIN	EMC-2 PIN connection
9	B400-NET-001	PINSWL2-001	P11	ITER	B400-NET-001	TMSSWL2-001	P17	ITER	B400-NET1-C9	PINSWL2-001:P11 / TMSSWL2-001:P17	TMSSWL2-001:P17 / PINSWL2-001:P11	CAT6 UTP GREY	5	MGMT	Management Trunk Port
10	B400-NET-001	PINSWL2-002	P5	ITER	B400-SVR-001	EWS0164	P2	ITER	B400-NET1-C10	PINSWL2-002:P5 / EWS0164:P2	EWS0164:P2 / PINSWL2-002:P5	CAT6 UTP, GREEN	10	PIN	EWS
11	B400-NET-001	PINSWL2-002	P6	ITER	B400-SVR-001	CISVR01	P2	ITER	B400-NET1-C11	PINSWL2-002:P6 / CISVR01:P2	CISVR01:P2 / PINSWL2-002:P6	CAT6 UTP, GREEN	10	PIN	CI SERVER (HISTORIAN)
12	B400-NET-001	PINSWL2-002	P7	ITER	B400-SVR-001	CISVR02	P2	ITER	B400-NET1-C12	PINSWL2-002:P7 / CISVR02:P2	CISVR02:P2 / PINSWL2-002:P7	CAT6 UTP, GREEN	10	PIN	CI SERVER (HISTORIAN)
13	B400-NET-001	PINSWL2-002	P8	ITER	B400-SVR-001	IAMSSVR	P2	ITER	B400-NET1-C13	PINSWL2-002:P8 / IAMSSVR:P2	IAMSSVR:P2 / PINSWL2-002:P8	CAT6 UTP, GREEN	10	PIN	PRM
14	B400-NET-001	PINSWL2-002	P9	ITER	B400-SVR-001	EMCSSVR01	P2	ITER	B400-NET1-C14	PINSWL2-002:P9 / EMCSSVR01:P2	EMCSSVR01:P2 / PINSWL2-002:P9	CAT6 UTP, GREEN	10	PIN	EMCS-1 PIN connection
15	B400-NET-001	PINSWL2-002	P10	ITER	B400-SVR-001	EMCSSVR02	P2	ITER	B400-NET1-C15	PINSWL2-002:P10 / EMCSSVR02:P2	EMCSSVR02:P2 / PINSWL2-002:P10	CAT6 UTP, GREEN	10	PIN	EMC-2 PIN connection
16	B400-NET-001	PINSWL2-002	P11	ITER	B400-NET-001	TMSSWL2-001	P18	ITER	B400-NET1-C16	PINSWL2-002:P11 / TMSSWL2-001:P18	TMSSWL2-001:P18 / PINSWL2-002:P11	CAT6 UTP, GREY	5	MGMT	Management Trunk Port
17	HKN-WPO1-BLPH-NET-01	PINSWL2-003	P1	OER	HKN-WPO1-BLPH-NET-01	FOPP-003	P1-LEFT	OER	HKN-WPO11-C17	PINSWL2-003:P1 / FOPP-003:P1-LEFT	FOPP-003:P1-LEFT / PINSWL2-003:P1	1xFOSM	2	PIN	FO PANEL
18	HKN-WPO1-BLPH-NET-01	PINSWL2-004	P1	OER	HKN-WPO1-BLPH-NET-01	FOPP-003	P1-RIGHT	OER	HKN-WPO11-C18	PINSWL2-004:P1 / FOPP-003:P1-RIGHT	FOPP-003:P1-RIGHT / PINSWL2-004:P1	1xFOSM	2	PIN	FO PANEL
19	HKN-WPO1-BLPH-NET-01	PINSWL2-003	P6	OER	HKN-WPO1-BLPH-SRV-01	CIPO03	P1	OER	HKN-WPO11-C19	PINSWL2-003:P6 / CIPO03:P1	CIPO03:P1 / PINSWL2-003:P6	CAT6 UTP, GREEN	10	PIN	
20	HKN-WPO1-BLPH-NET-01	PINSWL2-003	P7	OER	HKN-WPO1-BLPH-SRV-01	REWSSVR	P1	OER	HKN-WPO11-C20	PINSWL2-003:P7 / REWSSVR:P1	REWSSVR:P1 / PINSWL2-003:P7	CAT6 UTP, GREEN	10	PIN	
21	HKN-WPO1-BLPH-NET-01	PINSWL2-003	P5	OER	HKN-WPO1-BLPH-SRV-01	FW-007	P1	OER	HKN-WPO11-C21	PINSWL2-003:P5 / FW-007:P1	FW-007:P1 / PINSWL2-003:P5	CAT6 UTP, GREEN	10	PIN	
22	HKN-WPO1-BLPH-NET-01	PINSWL2-004	P6	OER	HKN-WPO1-BLPH-SRV-01	CIPO03	P2	OER	HKN-WPO11-C22	PINSWL2-004:P6 / CIPO03:P2	CIPO03:P2 / PINSWL2-004:P6	CAT6 UTP, GREEN	10	PIN	
23	HKN-WPO1-BLPH-NET-01	PINSWL2-004	P7	OER	HKN-WPO1-BLPH-SRV-01	REWSSVR	P2	OER	HKN-WPO11-C23	PINSWL2-004:P7 / REWSSVR:P2	REWSSVR:P2 / PINSWL2-004:P7	CAT6 UTP, GREEN	10	PIN	
24	HKN-WPO1-BLPH-NET-01	PINSWL2-004	P5	OER	HKN-WPO1-BLPH-SRV-01	FW-007	P2	OER	HKN-WPO11-C24	PINSWL2-004:P5 / FW-007:P2	FW-007:P2 / PINSWL2-004:P5	CAT6 UTP, GREEN	10	PIN	
25	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P5	OER	HKN-WPO1-BLPH-SRV-01	DCSVR01	P1	OER	HKN-WPO11-C25	PINSWL2-005:P5 / DCSVR01:P1	DCSVR01:P1 / PINSWL2-005:P5	CAT6 UTP, GREEN	10	PIN	DC01 SERVER
26	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P6	OER	HKN-WPO1-BLPH-SRV-01	DCSVR02	P1	OER	HKN-WPO11-C26	PINSWL2-005:P6 / DCSVR02:P1	DCSVR02:P1 / PINSWL2-005:P6	CAT6 UTP, GREEN	10	PIN	DC02 SERVER
27	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P7	OER	HKN-WPO1-BLPH-SRV-01	CIPOSVR01	P1	OER	HKN-WPO11-C27	PINSWL2-005:P7 / CIPOSVR01:P1	CIPOSVR01:P1 / PINSWL2-005:P7	CAT6 UTP, GREEN	10	PIN	CI-PORTAL 01
28	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P8	OER	HKN-WPO1-BLPH-SRV-01	CIPOSVR02	P1	OER	HKN-WPO11-C28	PINSWL2-005:P8 / CIPOSVR02:P1	CIPOSVR02:P1 / PINSWL2-005:P8	CAT6 UTP, GREEN	10	PIN	CI-PORTAL 02

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
C	PIN Network Cables														
29	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P9	OER	HKN-WPO1-BLPH-SRV-01	NMSSVR	P1	OER	HKN-WPO11-C29	PINSWL2-005:P9 / NMSSVR:P1	NMSSVR:P1 / PINSWL2-005:P9	CAT6 UTP, GREEN	10	PIN	NMS SERVER
30	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P10	OER	HKN-WPO1-BLPH-SRV-01	BCKSVR	P1	OER	HKN-WPO11-C30	PINSWL2-005:P10 / BCKSVR:P1	BCKSVR:P1 / PINSWL2-005:P10	CAT6 UTP, GREEN	10	PIN	BCK01 Server(Backup Recovery Server)
31	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P11	OER	HKN-WPO1-BLPH-SRV-01	AVSVR	P1	OER	HKN-WPO11-C31	PINSWL2-005:P11 / AVSVR:P1	AVSVR:P1 / PINSWL2-005:P11	CAT6 UTP, GREEN	10	PIN	AV Server
32	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P12	OER	HKN-WPO1-BLPH-SRV-01	WSUSSVR	P1	OER	HKN-WPO11-C32	PINSWL2-005:P12 / WSUSSVR:P1	WSUSSVR:P1 / PINSWL2-005:P12	CAT6 UTP, GREEN	10	PIN	WSUS Server
33	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P13	OER	HKN-WPO1-BLPH-SRV-01	FW-007	P3	OER	HKN-WPO11-C33	PINSWL2-005:P13 / FW-007:P3	FW-007:P3 / PINSWL2-005:P13	CAT6 UTP, GREEN	10	PIN	
34	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P13	OER	HKN-WPO1-BLPH-SRV-01	FW-007	P4	OER	HKN-WPO11-C34	PINSWL2-006:P13 / FW-007:P4	FW-007:P4 / PINSWL2-006:P13	CAT6 UTP, GREEN	10	PIN	
35	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P14	OER	HKN-WPO1-BLPH-SRV-01	FW-008	P3	OER	HKN-WPO11-C35	PINSWL2-005:P14 / FW-008:P3	FW-008:P3 / PINSWL2-005:P14	CAT6 UTP, GREEN	10	PIN	EXISTING CUSTOMER FIREWALL for HV SCADA **(Hold-5)**
36	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P5	OER	HKN-WPO1-BLPH-SRV-01	DCSVR01	P2	OER	HKN-WPO11-C36	PINSWL2-006:P5 / DCSVR01:P2	DCSVR01:P2 / PINSWL2-006:P5	TBD(HOLD-1)	10	PIN	DC01 SERVER
37	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P6	OER	HKN-WPO1-BLPH-SRV-01	DCSVR02	P2	OER	HKN-WPO11-C37	PINSWL2-006:P6 / DCSVR02:P2	DCSVR02:P2 / PINSWL2-006:P6	CAT6 UTP, GREEN	10	PIN	DC02 SERVER
38	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P7	OER	HKN-WPO1-BLPH-SRV-01	CIPOSVR01	P2	OER	HKN-WPO11-C38	PINSWL2-006:P7 / CIPOSVR01:P2	CIPOSVR01:P2 / PINSWL2-006:P7	CAT6 UTP, GREEN	10	PIN	CI-PORTAL 01
39	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P8	OER	HKN-WPO1-BLPH-SRV-01	CIPOSVR02	P2	OER	HKN-WPO11-C39	PINSWL2-006:P8 / CIPOSVR02:P2	CIPOSVR02:P2 / PINSWL2-006:P8	CAT6 UTP, GREEN	10	PIN	CI-PORTAL 02
40	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P9	OER	HKN-WPO1-BLPH-SRV-01	NMSSVR	P2	OER	HKN-WPO11-C40	PINSWL2-006:P9 / NMSSVR:P2	NMSSVR:P2 / PINSWL2-006:P9	CAT6 UTP, GREEN	10	PIN	NMS SERVER
41	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P10	OER	HKN-WPO1-BLPH-SRV-01	BCKSVR	P2	OER	HKN-WPO11-C41	PINSWL2-006:P10 / BCKSVR:P2	BCKSVR:P2 / PINSWL2-006:P10	CAT6 UTP, GREEN	10	PIN	BCK01 Server(Backup Recovery Server)
42	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P11	OER	HKN-WPO1-BLPH-SRV-01	AVSVR	P2	OER	HKN-WPO11-C42	PINSWL2-006:P11 / AVSVR:P2	AVSVR:P2 / PINSWL2-006:P11	CAT6 UTP, GREEN	10	PIN	AV Server
43	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P12	OER	HKN-WPO1-BLPH-SRV-01	WSUSSVR	P2	OER	HKN-WPO11-C43	PINSWL2-006:P12 / WSUSSVR:P2	WSUSSVR:P2 / PINSWL2-006:P12	CAT6 UTP, GREEN	10	PIN	WSUS Server
44	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P14	OER	HKN-WPO1-BLPH-SRV-01	FW-008	P4	OER	HKN-WPO11-C44	PINSWL2-006:P14 / FW-008:P4	FW-008:P4 / PINSWL2-006:P14	CAT6 UTP, GREEN	10	PIN	EXISTING CUSTOMER FIREWALL for HV SCADA **(Hold-5)**
45	HKN-WPO1-BLPH-SRV-01	FW-008	A	OER	TBD(HOLD-6)	FW-009	P1	CCR	HKN-WPO11-C45	FW-008:A / FW-009:P1	FW-009:P1 / FW-008:A	CAT6 UTP, GREEN	10	PIN	FW TO FW ON COMPANY ENTERPRISE NETWORK TBD **(Hold-5)**
46	TBD (HOLD-6)	FW-009	P2	CCR	TBD(HOLD-6)	CIPO04	P1	CCR	TBD (HOL)-C46	FW-009:P2 / CIPO04:P1	CIPO04:P1 / FW-009:P2	TBD(HOLD-1)	TBD(HOLD-1)	PIN	CI OWS CCR (TBD)
47	TBD (HOLD-6)	FW-009	P3	CCR	TBD(HOLD-6)	CIPO05	P1	CCR	TBD (HOL)-C47	FW-009:P3 / CIPO05:P1	CIPO05:P1 / FW-009:P3	CAT6 UTP, GREEN	TBD(HOLD-1)	PIN	CI OWS CCR(TBD)
48	TBD (HOLD-6)	FW-009	P4	CCR	TBD(HOLD-6)	IAMSCLT	P1	CCR	TBD (HOL)-C48	FW-009:P4 / IAMSCLT:P1	IAMSCLT:P1 / FW-009:P4	CAT6 UTP, GREEN	TBD(HOLD-1)	PIN	IAMS CLIENT(TBD)
49	TBD (HOLD-6)	FW-009	P5	CCR	TBD(HOLD-6)	CRPRT01	P1	CCR	TBD (HOL)-C49	FW-009:P5 / CRPRT01:P1	CRPRT01:P1 / FW-009:P5	CAT6 UTP, GREEN	TBD(HOLD-1)	PIN	PRINTER(TBD)
50	HKN-WPO1-BLPH-NET-01	PINSWL2-003	P12	OER	B400-SVR-002	FW-008	P1	OER	HKN-WPO11-C50	PINSWL2-003:P12 / FW-008:P1	FW-008:P1 / PINSWL2-003:P12	CAT6 UTP, GREEN	5	PIN	
51	HKN-WPO1-BLPH-NET-01	PINSWL2-004	P12	OER	B400-SVR-002	FW-008	P2	OER	HKN-WPO11-C51	PINSWL2-004:P12 / FW-008:P2	FW-008:P2 / PINSWL2-004:P12	CAT6 UTP, GREEN	5	PIN	
52	HKN-WPO1-BLPH-SRV-01	FW-007	WAN1	OER	B400-SVR-002	FW-008	WAN1	OER	HKN-WPO11-C52	FW-007:WAN1 / FW-008:WAN1	FW-008:WAN1 / FW-007:WAN1	CAT6 UTP, WHITE	2	HA	REDUNDANCY
53	HKN-WPO1-BLPH-SRV-01	FW-007	WAN2	OER	B400-SVR-002	FW-008	WAN2	OER	HKN-WPO11-C53	FW-007:WAN2 / FW-008:WAN2	FW-008:WAN2 / FW-007:WAN2	CAT6 UTP, WHITE	2	HA	REDUNDANCY
54	HKN-WPO1-BLPH-NET-01	PINSWL2-003	P8	OER	B400-NET-002	PINSWL2-004	P8	OER	HKN-WPO11-C54	PINSWL2-003:P8 / PINSWL2-004:P8	PINSWL2-004:P8 / PINSWL2-003:P8	CAT6 UTP, GREEN	5	PIN	REDUNDANCY
55	HKN-WPO1-BLPH-NET-01	PINSWL2-005	P18	OER	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P18	OER	HKN-WPO11-C55	PINSWL2-005:P18 / PINSWL2-006:P18	PINSWL2-006:P18 / PINSWL2-005:P18	CAT6 UTP, GREEN	5	PIN	REDUNDANCY
56	B400-SVR-001	TMSVR01	P1	ITER	-	GPS ANTENNA	X1	ITER	B400-SVR1-C56	TMSVR01:P1 / GPS ANTENNA :X1	GPS ANTENNA :X1 / TMSVR01:P1	Coaxial Cable	50	SNTP	GPS ANTENNA CONNECTION
57	B400-NET-001	FLT-COM01	X1	OER	B400-NET-001	PINSWL2-003	P10	OER	B400-NET1-C57	FLT-COM01:X1 / PINSWL2-003:P10	PINSWL2-003:P10 / FLT-COM01:X1	CAT6 UTP, GREEN	5	PIN	AXIOLINE MODULE
58	B400-NET-001	PINSWL2-001	23	ITER	B400-NET-001	PINSWL2-002	P23	ITER	B400-NET1-C58	PINSWL2-001:23 / PINSWL2-002:P23	PINSWL2-002:P23 / PINSWL2-001:23	CAT6 UTP, GREEN	2	PIN	REDUNDANCY

ITEM	FROM					TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	CONTROL NO	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
D	PRE-FAB Cables															
1	B400-PCS-001	FCS0101	FNU1-1	CN1	ITER	B400-PCS-002	TB-01-01	CN-1	ITER	-	B400-PCS-001:FNU1-1:CN1 / B400-PCS-002:TB-01-01	B400-PCS-002:TB-01-01-CN-1 / B400-PCS-001:FNU1-1:CN1	KS1-07/HF	7	PRE-FAB Cable	
2	B400-PCS-001	FCS0101	FNU1-2	CN1	ITER	B400-PCS-002	TB-01-01	CN-2	ITER	-	B400-PCS-001:FNU1-2:CN1 / B400-PCS-002:TB-01-01	B400-PCS-002:TB-01-01-CN-2 / B400-PCS-001:FNU1-2:CN1	KS1-07/HF	7	PRE-FAB Cable	
3	B400-PCS-001	FCS0101	FNU1-3	CN1	ITER	B400-PCS-002	TB-01-03	CN-1	ITER	-	B400-PCS-001:FNU1-3:CN1 / B400-PCS-002:TB-01-03	B400-PCS-002:TB-01-03-CN-1 / B400-PCS-001:FNU1-3:CN1	KS1-07/HF	7	PRE-FAB Cable	
4	B400-PCS-001	FCS0101	FNU1-4	CN1	ITER	B400-PCS-002	TB-01-03	CN-2	ITER	-	B400-PCS-001:FNU1-4:CN1 / B400-PCS-002:TB-01-03	B400-PCS-002:TB-01-03-CN-2 / B400-PCS-001:FNU1-4:CN1	KS1-07/HF	7	PRE-FAB Cable	
5	B400-PCS-001	FCS0101	FNU1-5	CN1	ITER	B400-PCS-002	TB-01-05	CN-1	ITER	-	B400-PCS-001:FNU1-5:CN1 / B400-PCS-002:TB-01-05	B400-PCS-002:TB-01-05-CN-1 / B400-PCS-001:FNU1-5:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
6	B400-PCS-001	FCS0101	FNU1-6	CN1	ITER	B400-PCS-002	TB-01-05	CN-2	ITER	-	B400-PCS-001:FNU1-6:CN1 / B400-PCS-002:TB-01-05	B400-PCS-002:TB-01-05-CN-2 / B400-PCS-001:FNU1-6:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
7	B400-PCS-001	FCS0101	NU2-1	CN1	ITER	B400-PCS-002	TB-02-01	CN-1	ITER	-	B400-PCS-001:NU2-1:CN1 / B400-PCS-002:TB-02-01	B400-PCS-002:TB-02-01-CN-1 / B400-PCS-001:NU2-1:CN1	KS1-07/HF	7	PRE-FAB Cable	
8	B400-PCS-001	FCS0101	NU2-2	CN1	ITER	B400-PCS-002	TB-02-01	CN-2	ITER	-	B400-PCS-001:NU2-2:CN1 / B400-PCS-002:TB-02-01	B400-PCS-002:TB-02-01-CN-2 / B400-PCS-001:NU2-2:CN1	KS1-07/HF	7	PRE-FAB Cable	
9	B400-PCS-001	FCS0101	NU2-3	CN1	ITER	B400-PCS-002	TB-02-03	CN-1	ITER	-	B400-PCS-001:NU2-3:CN1 / B400-PCS-002:TB-02-03	B400-PCS-002:TB-02-03-CN-1 / B400-PCS-001:NU2-3:CN1	KS1-07/HF	7	PRE-FAB Cable	
10	B400-PCS-001	FCS0101	NU2-4	CN1	ITER	B400-PCS-002	TB-02-03	CN-2	ITER	-	B400-PCS-001:NU2-4:CN1 / B400-PCS-002:TB-02-03	B400-PCS-002:TB-02-03-CN-2 / B400-PCS-001:NU2-4:CN1	KS1-07/HF	7	PRE-FAB Cable	
11	B400-PCS-001	FCS0101	NU2-5	CN1	ITER	B400-PCS-002	TB-02-05	CN-1	ITER	-	B400-PCS-001:NU2-5:CN1 / B400-PCS-002:TB-02-05	B400-PCS-002:TB-02-05-CN-1 / B400-PCS-001:NU2-5:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
12	B400-PCS-001	FCS0101	NU2-6	CN1	ITER	B400-PCS-002	TB-02-05	CN-2	ITER	-	B400-PCS-001:NU2-6:CN1 / B400-PCS-002:TB-02-05	B400-PCS-002:TB-02-05-CN-2 / B400-PCS-001:NU2-6:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
15	B400-PCS-001	FCS0101	NU3-1	CN1	ITER	B400-PCS-002	TB-03-01	CN-1	ITER	-	B400-PCS-001:NU3-1:CN1 / B400-PCS-002:TB-03-01	B400-PCS-002:TB-03-01-CN-1 / B400-PCS-001:NU3-1:CN1	KS1-07/HF	7	PRE-FAB Cable	
16	B400-PCS-001	FCS0101	NU3-2	CN1	ITER	B400-PCS-002	TB-03-01	CN-2	ITER	-	B400-PCS-001:NU3-2:CN1 / B400-PCS-002:TB-03-01	B400-PCS-002:TB-03-01-CN-2 / B400-PCS-001:NU3-2:CN1	KS1-07/HF	7	PRE-FAB Cable	
17	B400-PCS-001	FCS0101	NU3-3	CN1	ITER	B400-PCS-002	TB-03-03	CN-1	ITER	-	B400-PCS-001:NU3-3:CN1 / B400-PCS-002:TB-03-03	B400-PCS-002:TB-03-03-CN-1 / B400-PCS-001:NU3-3:CN1	KS1-07/HF	7	PRE-FAB Cable	
18	B400-PCS-001	FCS0101	NU3-4	CN1	ITER	B400-PCS-002	TB-03-03	CN-2	ITER	-	B400-PCS-001:NU3-4:CN1 / B400-PCS-002:TB-03-03	B400-PCS-002:TB-03-03-CN-2 / B400-PCS-001:NU3-4:CN1	KS1-07/HF	7	PRE-FAB Cable	
19	B400-PCS-001	FCS0101	NU3-5	CN1	ITER	B400-PCS-002	TB-03-05	CN-1	ITER	-	B400-PCS-001:NU3-5:CN1 / B400-PCS-002:TB-03-05	B400-PCS-002:TB-03-05-CN-1 / B400-PCS-001:NU3-5:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
20	B400-PCS-001	FCS0101	NU3-6	CN1	ITER	B400-PCS-002	TB-03-05	CN-2	ITER	-	B400-PCS-001:NU3-6:CN1 / B400-PCS-002:TB-03-05	B400-PCS-002:TB-03-05-CN-2 / B400-PCS-001:NU3-6:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
23	B400-PCS-001	FCS0101	NU4-1	CN1	-	-	-	-	-	-	-	-	-	-	-	ALE111 Refer Modbus Cable List
24	B400-PCS-001	FCS0101	NU4-2	CN1	-	-	-	-	-	-	-	-	-	-	-	ALE111 Module Refer F
25	B400-PCS-001	FCS0101	NU4-3	CN1	-	-	-	-	-	-	-	-	-	-	-	A2LP131 Refer Section E
27	B400-PCS-001	FCS0101	NU4-5	CN1	ITER	B400-PCS-002	TB-04-05	CN-1	ITER	-	B400-PCS-001:NU4-5:CN1 / B400-PCS-002:TB-04-05	B400-PCS-002:TB-04-05-CN-1 / B400-PCS-001:NU4-5:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
28	B400-PCS-001	FCS0101	NU4-6	CN1	ITER	B400-PCS-002	TB-04-05	CN-2	ITER	-	B400-PCS-001:NU4-6:CN1 / B400-PCS-002:TB-04-05	B400-PCS-002:TB-04-05-CN-2 / B400-PCS-001:NU4-6:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
29	B400-PCS-001	FCS0101	NU4-7	CN1	ITER	B400-PCS-002	TB-04-07	CN-1	ITER	-	B400-PCS-001:NU4-7:CN1 / B400-PCS-002:TB-04-07	B400-PCS-002:TB-04-07-CN-1 / B400-PCS-001:NU4-7:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
30	B400-PCS-001	FCS0101	NU4-8	CN1	ITER	B400-PCS-002	TB-04-07	CN-2	ITER	-	B400-PCS-001:NU4-8:CN1 / B400-PCS-002:TB-04-07	B400-PCS-002:TB-04-07-CN-2 / B400-PCS-001:NU4-8:CN1	AKB331-M007/HF	7	PRE-FAB Cable	
31	B400-SIS-001	SCS0110	SNU1-1	CN1	ITER	B400-SIS-001	TB-01-01	CN-1	ITER	-	B400-SIS-001:SNU1-1:CN1 / B400-SIS-001:TB-01-01	B400-SIS-001:TB-01-01-CN-1 / B400-SIS-001:SNU1-1:CN1	KS1-10/HF	5	PRE-FAB Cable	
32	B400-SIS-001	SCS0110	SNU1-2	CN1	ITER	B400-SIS-001	TB-01-01	CN-2	ITER	-	B400-SIS-001:SNU1-2:CN1 / B400-SIS-001:TB-01-01	B400-SIS-001:TB-01-01-CN-2 / B400-SIS-001:SNU1-2:CN1	KS1-10/HF	5	PRE-FAB Cable	
33	B400-SIS-001	SCS0110	SNU1-3	CN1	ITER	B400-SIS-001	TB-01-03	CN-1	ITER	-	B400-SIS-001:SNU1-3:CN1 / B400-SIS-001:TB-01-03	B400-SIS-001:TB-01-03-CN-1 / B400-SIS-001:SNU1-3:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
34	B400-SIS-001	SCS0110	SNU1-4	CN1	ITER	B400-SIS-001	TB-01-03	CN-2	ITER	-	B400-SIS-001:SNU1-4:CN1 / B400-SIS-001:TB-01-03	B400-SIS-001:TB-01-03-CN-2 / B400-SIS-001:SNU1-4:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
35	B400-SIS-001	SCS0110	SNU1-5	CN1	ITER	B400-SIS-001	TB-01-05	CN-1	ITER	-	B400-SIS-001:SNU1-5:CN1 / B400-SIS-001:TB-01-05	B400-SIS-001:TB-01-05-CN-1 / B400-SIS-001:SNU1-5:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
36	B400-SIS-001	SCS0110	SNU1-6	CN1	ITER	B400-SIS-001	TB-01-05	CN-2	ITER	-	B400-SIS-001:SNU1-6:CN1 / B400-SIS-001:TB-01-05	B400-SIS-001:TB-01-05-CN-2 / B400-SIS-001:SNU1-6:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
37	B400-SIS-001	SCS0110	NU2-1	CN1	ITER	B400-SIS-001	TB-02-01	CN-1	ITER	-	B400-SIS-001:NU2-1:CN1 / B400-SIS-001:TB-02-01	B400-SIS-001:TB-02-01-CN-1 / B400-SIS-001:NU2-1:CN1	AKB331-M005/HF	5	PRE-FAB Cable	

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ITEM	FROM					TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	CONTROL NO	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
D	PRE-FAB Cables															
38	B400-SIS-001	SCS0110	NU2-2	CN1	ITER	B400-SIS-001	TB-02-01	CN-2	ITER	-	B400-SIS-001:NU2-2:CN1 / B400-SIS-001:TB-02-01	B400-SIS-001:TB-02-01-CN-2 / B400-SIS-001:NU2-2:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
39	B400-SIS-001	SCS0110	NU2-3	CN1	ITER	B400-SIS-001	TB-02-03	CN-1	ITER	-	B400-SIS-001:NU2-3:CN1 / B400-SIS-001:TB-02-03	B400-SIS-001:TB-02-03-CN-1 / B400-SIS-001:NU2-3:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
40	B400-SIS-001	SCS0110	NU2-4	CN1	ITER	B400-SIS-001	TB-02-03	CN-2	ITER	-	B400-SIS-001:NU2-4:CN1 / B400-SIS-001:TB-02-03	B400-SIS-001:TB-02-03-CN-2 / B400-SIS-001:NU2-4:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
41	B400-SIS-001	SCS0110	NU2-5	CN1	ITER	B400-SIS-001	TB-02-05	CN-1	ITER	-	B400-SIS-001:NU2-5:CN1 / B400-SIS-001:TB-02-05	B400-SIS-001:TB-02-05-CN-1 / B400-SIS-001:NU2-5:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
42	B400-SIS-001	SCS0110	NU2-6	CN1	ITER	B400-SIS-001	TB-02-05	CN-2	ITER	-	B400-SIS-001:NU2-6:CN1 / B400-SIS-001:TB-02-05	B400-SIS-001:TB-02-05-CN-2 / B400-SIS-001:NU2-6:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
43	B400-SIS-001	SCS0110	NU2-7	CN1	ITER	B400-SIS-001	TB-02-07	CN-1	ITER	-	B400-SIS-001:NU2-7:CN1 / B400-SIS-001:TB-02-07	B400-SIS-001:TB-02-07-CN-1 / B400-SIS-001:NU2-7:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
44	B400-SIS-001	SCS0110	NU2-8	CN1	ITER	B400-SIS-001	TB-02-07	CN-2	ITER	-	B400-SIS-001:NU2-8:CN1 / B400-SIS-001:TB-02-07	B400-SIS-001:TB-02-07-CN-2 / B400-SIS-001:NU2-8:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
45	B400-SIS-001	SCS0110	NU3-1	CN1	ITER	B400-SIS-001	TB-03-01	CN-1	ITER	-	B400-SIS-001:NU3-1:CN1 / B400-SIS-001:TB-03-01	B400-SIS-001:TB-03-01-CN-1 / B400-SIS-001:NU3-1:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
46	B400-SIS-001	SCS0110	NU3-2	CN1	ITER	B400-SIS-001	TB-03-01	CN-2	ITER	-	B400-SIS-001:NU3-2:CN1 / B400-SIS-001:TB-03-01	B400-SIS-001:TB-03-01-CN-2 / B400-SIS-001:NU3-2:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
47	B400-SIS-001	SCS0110	NU3-3	CN1	ITER	B400-SIS-001	TB-03-03	CN-1	ITER	-	B400-SIS-001:NU3-3:CN1 / B400-SIS-001:TB-03-03	B400-SIS-001:TB-03-03-CN-1 / B400-SIS-001:NU3-3:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
48	B400-SIS-001	SCS0110	NU3-4	CN1	ITER	B400-SIS-001	TB-03-03	CN-2	ITER	-	B400-SIS-001:NU3-4:CN1 / B400-SIS-001:TB-03-03	B400-SIS-001:TB-03-03-CN-2 / B400-SIS-001:NU3-4:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
49	B400-SIS-001	SCS0110	NU3-5	CN1	ITER	B400-SIS-001	TB-03-05	CN-1	ITER	-	B400-SIS-001:NU3-5:CN1 / B400-SIS-001:TB-03-05	B400-SIS-001:TB-03-05-CN-1 / B400-SIS-001:NU3-5:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
50	B400-SIS-001	SCS0110	NU3-6	CN1	ITER	B400-SIS-001	TB-03-05	CN-2	ITER	-	B400-SIS-001:NU3-6:CN1 / B400-SIS-001:TB-03-05	B400-SIS-001:TB-03-05-CN-2 / B400-SIS-001:NU3-6:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
51	B400-SIS-001	SCS0110	NU3-7	CN1	ITER	B400-SIS-001	TB-03-07	CN-1	ITER	-	B400-SIS-001:NU3-7:CN1 / B400-SIS-001:TB-03-07	B400-SIS-001:TB-03-07-CN-1 / B400-SIS-001:NU3-7:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
52	B400-SIS-001	SCS0110	NU3-8	CN1	ITER	B400-SIS-001	TB-03-07	CN-2	ITER	-	B400-SIS-001:NU3-8:CN1 / B400-SIS-001:TB-03-07	B400-SIS-001:TB-03-07-CN-2 / B400-SIS-001:NU3-8:CN1	AKB331-M005/HF	5	PRE-FAB Cable	
53	B400-FGS-001	SCS0120	NU1-1	CN1	ITER	B400-FGS-002	TB-01-01	CN-1	ITER	-	B400-FGS-001:NU1-1:CN1 / B400-FGS-002:TB-01-01	B400-FGS-002:TB-01-01 -CN-1 / B400-FGS-001:NU1-1:CN1	KS1-10/HF	10	PRE-FAB Cable	
54	B400-FGS-001	SCS0120	NU1-2	CN1	ITER	B400-FGS-002	TB-01-01	CN-2	ITER	-	B400-FGS-001:NU1-2:CN1 / B400-FGS-002:TB-01-01	B400-FGS-002:TB-01-01 -CN-2 / B400-FGS-001:NU1-2:CN1	KS1-10/HF	10	PRE-FAB Cable	
55	B400-FGS-001	SCS0120	NU1-3	CN1	ITER	B400-FGS-002	TB-01-03	CN-1	ITER	-	B400-FGS-001:NU1-3:CN1 / B400-FGS-002:TB-01-03	B400-FGS-002:TB-01-03-CN-1 / B400-FGS-001:NU1-3:CN1	KS1-10/HF	10	PRE-FAB Cable	
56	B400-FGS-001	SCS0120	NU1-4	CN1	ITER	B400-FGS-002	TB-01-03	CN-2	ITER	-	B400-FGS-001:NU1-4:CN1 / B400-FGS-002:TB-01-03	B400-FGS-002:TB-01-03-CN-2 / B400-FGS-001:NU1-4:CN1	KS1-10/HF	10	PRE-FAB Cable	
57	B400-FGS-001	SCS0120	NU1-5	CN1	ITER	B400-FGS-002	TB-01-05	CN-1	ITER	-	B400-FGS-001:NU1-5:CN1 / B400-FGS-002:TB-01-05	B400-FGS-002:TB-01-05-CN-1 / B400-FGS-001:NU1-5:CN1	KS1-10/HF	10	PRE-FAB Cable	
58	B400-FGS-001	SCS0120	NU1-6	CN1	ITER	B400-FGS-002	TB-01-05	CN-2	ITER	-	B400-FGS-001:NU1-6:CN1 / B400-FGS-002:TB-01-05	B400-FGS-002:TB-01-05-CN-2 / B400-FGS-001:NU1-6:CN1	KS1-10/HF	10	PRE-FAB Cable	
59	B400-FGS-001	SCS0120	NU2-1	CN1	ITER	B400-FGS-002	TB-02-01	CN-1	ITER	-	B400-FGS-001:NU2-1:CN1 / B400-FGS-002:TB-02-01	B400-FGS-002:TB-02-01-CN-1 / B400-FGS-001:NU2-1:CN1	KS1-10/HF	10	PRE-FAB Cable	
60	B400-FGS-001	SCS0120	NU2-2	CN1	ITER	B400-FGS-002	TB-02-01	CN-2	ITER	-	B400-FGS-001:NU2-2:CN1 / B400-FGS-002:TB-02-01	B400-FGS-002:TB-02-01-CN-2 / B400-FGS-001:NU2-2:CN1	KS1-10/HF	10	PRE-FAB Cable	
61	B400-FGS-001	SCS0120	NU2-3	CN1	ITER	B400-FGS-002	TB-02-03	CN-1	ITER	-	B400-FGS-001:NU2-3:CN1 / B400-FGS-002:TB-02-03	B400-FGS-002:TB-02-03-CN-1 / B400-FGS-001:NU2-3:CN1	KS1-10/HF	10	PRE-FAB Cable	
62	B400-FGS-001	SCS0120	NU2-4	CN1	ITER	B400-FGS-002	TB-02-03	CN-2	ITER	-	B400-FGS-001:NU2-4:CN1 / B400-FGS-002:TB-02-03	B400-FGS-002:TB-02-03-CN-2 / B400-FGS-001:NU2-4:CN1	KS1-10/HF	10	PRE-FAB Cable	
63	B400-FGS-001	SCS0120	NU2-5	CN1	ITER	B400-FGS-002	TB-02-05	CN-1	ITER	-	B400-FGS-001:NU2-5:CN1 / B400-FGS-002:TB-02-05	B400-FGS-002:TB-02-05-CN-1 / B400-FGS-001:NU2-5:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
64	B400-FGS-001	SCS0120	NU2-6	CN1	ITER	B400-FGS-002	TB-02-05	CN-2	ITER	-	B400-FGS-001:NU2-6:CN1 / B400-FGS-002:TB-02-05	B400-FGS-002:TB-02-05-CN-2 / B400-FGS-001:NU2-6:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
65	B400-FGS-001	SCS0120	NU2-7	CN1	ITER	B400-FGS-002	TB-02-07	CN-1	ITER	-	B400-FGS-001:NU2-7:CN1 / B400-FGS-002:TB-02-07	B400-FGS-002:TB-02-07-CN-1 / B400-FGS-001:NU2-7:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
66	B400-FGS-001	SCS0120	NU2-8	CN1	ITER	B400-FGS-002	TB-02-07	CN-2	ITER	-	B400-FGS-001:NU2-8:CN1 / B400-FGS-002:TB-02-07	B400-FGS-002:TB-02-07-CN-2 / B400-FGS-001:NU2-8:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
67	B400-FGS-001	SCS0120	NU3-1	CN1	ITER	B400-FGS-002	TB-03-01	CN-1	ITER	-	B400-FGS-001:NU3-1:CN1 / B400-FGS-002:TB-03-01	B400-FGS-002:TB-03-01-CN-1 / B400-FGS-001:NU3-1:CN1	KS1-10/HF	10	PRE-FAB Cable	
68	B400-FGS-001	SCS0120	NU3-2	CN1	ITER	B400-FGS-002	TB-03-01	CN-2	ITER	-	B400-FGS-001:NU3-2:CN1 / B400-FGS-002:TB-03-01	B400-FGS-002:TB-03-01-CN-2 / B400-FGS-001:NU3-2:CN1	KS1-10/HF	10	PRE-FAB Cable	
69	B400-FGS-001	SCS0120	NU3-3	CN1	ITER	B400-FGS-002	TB-03-03	CN-1	ITER	-	B400-FGS-001:NU3-3:CN1 / B400-FGS-002:TB-03-03	B400-FGS-002:TB-03-03-CN-1 / B400-FGS-001:NU3-3:CN1	KS1-10/HF	10	PRE-FAB Cable	
70	B400-FGS-001	SCS0120	NU3-4	CN1	ITER	11-11-2024	TB-03-03	CN-2	ITER	-	B400-FGS-001:NU3-4:CN1 / 45607:TB-03-03	45607:TB-03-03-CN-2 / B400-FGS-001:NU3-4:CN1	KS1-10/HF	10	PRE-FAB Cable	

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ITEM	FROM					TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	CONTROL NO	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
D	PRE-FAB Cables															
71	B400-FGS-001	SCS0120	NU3-5	CN1	ITER	B400-FGS-002	TB-03-05	CN-1	ITER	-	B400-FGS-001:NU3-5:CN1 / B400-FGS-002:TB-03-05	B400-FGS-002:TB-03-05-CN-1 / B400-FGS-001:NU3-5:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
72	B400-FGS-001	SCS0120	NU3-6	CN1	ITER	B400-FGS-002	TB-03-05	CN-2	ITER	-	B400-FGS-001:NU3-6:CN1 / B400-FGS-002:TB-03-05	B400-FGS-002:TB-03-05-CN-2 / B400-FGS-001:NU3-6:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
73	B400-FGS-001	SCS0120	NU3-7	CN1	ITER	B400-FGS-002	TB-03-07	CN-1	ITER	-	B400-FGS-001:NU3-7:CN1 / B400-FGS-002:TB-03-07	B400-FGS-002:TB-03-07-CN-1 / B400-FGS-001:NU3-7:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
74	B400-FGS-001	SCS0120	NU3-8	CN1	ITER	B400-FGS-002	TB-03-07	CN-2	ITER	-	B400-FGS-001:NU3-8:CN1 / B400-FGS-002:TB-03-07	B400-FGS-002:TB-03-07-CN-2 / B400-FGS-001:NU3-8:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
75	B400-FGS-001	SCS0120	NU4-1	CN1	ITER	B400-FGS-003	TB-04-01	CN-1	ITER	-	B400-FGS-001:NU4-1:CN1 / B400-FGS-003:TB-04-01	B400-FGS-003:TB-04-01-CN-1 / B400-FGS-001:NU4-1:CN1	KS1-10/HF	10	PRE-FAB Cable	
76	B400-FGS-001	SCS0120	NU4-2	CN1	ITER	B400-FGS-003	TB-04-01	CN-2	ITER	-	B400-FGS-001:NU4-2:CN1 / B400-FGS-003:TB-04-01	B400-FGS-003:TB-04-01-CN-2 / B400-FGS-001:NU4-2:CN1	KS1-10/HF	10	PRE-FAB Cable	
77	B400-FGS-001	SCS0120	NU4-3	CN1	ITER	B400-FGS-003	TB-04-03	CN-1	ITER	-	B400-FGS-001:NU4-3:CN1 / B400-FGS-003:TB-04-03	B400-FGS-003:TB-04-03-CN-1 / B400-FGS-001:NU4-3:CN1	KS1-10/HF	10	PRE-FAB Cable	
78	B400-FGS-001	SCS0120	NU4-4	CN1	ITER	B400-FGS-003	TB-04-03	CN-2	ITER	-	B400-FGS-001:NU4-4:CN1 / B400-FGS-003:TB-04-03	B400-FGS-003:TB-04-03-CN-2 / B400-FGS-001:NU4-4:CN1	KS1-10/HF	10	PRE-FAB Cable	
79	B400-FGS-001	SCS0120	NU4-5	CN1	ITER	B400-FGS-003	TB-04-05	CN-1	ITER	-	B400-FGS-001:NU4-5:CN1 / B400-FGS-003:TB-04-05	B400-FGS-003:TB-04-05-CN-1 / B400-FGS-001:NU4-5:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
80	B400-FGS-001	SCS0120	NU4-6	CN1	ITER	B400-FGS-003	TB-04-05	CN-2	ITER	-	B400-FGS-001:NU4-6:CN1 / B400-FGS-003:TB-04-05	B400-FGS-003:TB-04-05-CN-2 / B400-FGS-001:NU4-6:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
81	B400-FGS-001	SCS0120	NU4-7	CN1	ITER	B400-FGS-003	TB-04-07	CN-1	ITER	-	B400-FGS-001:NU4-7:CN1 / B400-FGS-003:TB-04-07	B400-FGS-003:TB-04-07-CN-1 / B400-FGS-001:NU4-7:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
82	B400-FGS-001	SCS0120	NU4-8	CN1	ITER	B400-FGS-003	TB-04-07	CN-2	ITER	-	B400-FGS-001:NU4-8:CN1 / B400-FGS-003:TB-04-07	B400-FGS-003:TB-04-07-CN-2 / B400-FGS-001:NU4-8:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
83	B400-FGS-001	SCS0120	NU5-1	CN1	ITER	B400-FGS-003	TB-05-01	CN-1	ITER	-	B400-FGS-001:NU5-1:CN1 / B400-FGS-003:TB-05-01	B400-FGS-003:TB-05-01-CN-1 / B400-FGS-001:NU5-1:CN1	KS1-10/HF	10	PRE-FAB Cable	
84	B400-FGS-001	SCS0120	NU5-2	CN1	ITER	B400-FGS-003	TB-05-01	CN-2	ITER	-	B400-FGS-001:NU5-2:CN1 / B400-FGS-003:TB-05-01	B400-FGS-003:TB-05-01-CN-2 / B400-FGS-001:NU5-2:CN1	KS1-10/HF	10	PRE-FAB Cable	
85	B400-FGS-001	SCS0120	NU5-3	CN1	ITER	B400-FGS-003	TB-05-03	CN-1	ITER	-	B400-FGS-001:NU5-3:CN1 / B400-FGS-003:TB-05-03	B400-FGS-003:TB-05-03-CN-1 / B400-FGS-001:NU5-3:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
86	B400-FGS-001	SCS0120	NU5-4	CN1	ITER	B400-FGS-003	TB-05-03	CN-2	ITER	-	B400-FGS-001:NU5-4:CN1 / B400-FGS-003:TB-05-03	B400-FGS-003:TB-05-03-CN-2 / B400-FGS-001:NU5-4:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
87	B400-FGS-001	SCS0120	NU5-5	CN1	ITER	B400-FGS-003	TB-05-05	CN-1	ITER	-	B400-FGS-001:NU5-5:CN1 / B400-FGS-003:TB-05-05	B400-FGS-003:TB-05-05-CN-1 / B400-FGS-001:NU5-5:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
88	B400-FGS-001	SCS0120	NU5-6	CN1	ITER	B400-FGS-003	TB-05-05	CN-2	ITER	-	B400-FGS-001:NU5-6:CN1 / B400-FGS-003:TB-05-05	B400-FGS-003:TB-05-05-CN-2 / B400-FGS-001:NU5-6:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
89	B400-FGS-001	SCS0120	NU5-7	CN1	ITER	B400-FGS-003	TB-05-07	CN-1	ITER	-	B400-FGS-001:NU5-7:CN1 / B400-FGS-003:TB-05-07	B400-FGS-003:TB-05-07-CN-1 / B400-FGS-001:NU5-7:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
90	B400-FGS-001	SCS0120	NU5-8	CN1	ITER	B400-FGS-003	TB-05-07	CN-2	ITER	-	B400-FGS-001:NU5-8:CN1 / B400-FGS-003:TB-05-07	B400-FGS-003:TB-05-07-CN-2 / B400-FGS-001:NU5-8:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
93	B400-FGS-001	SCS0120	NU6-3	CN1	ITER	B400-FGS-003	TB-06-03	CN-1	ITER	-	B400-FGS-001:NU6-3:CN1 / B400-FGS-003:TB-06-03	B400-FGS-003:TB-06-03-CN-1 / B400-FGS-001:NU6-3:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
94	B400-FGS-001	SCS0120	NU6-4	CN1	ITER	B400-FGS-003	TB-06-03	CN-2	ITER	-	B400-FGS-001:NU6-4:CN1 / B400-FGS-003:TB-06-03	B400-FGS-003:TB-06-03-CN-2 / B400-FGS-001:NU6-4:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
95	B400-FGS-001	SCS0120	NU6-5	CN1	ITER	B400-FGS-003	TB-06-05	CN-1	ITER	-	B400-FGS-001:NU6-5:CN1 / B400-FGS-003:TB-06-05	B400-FGS-003:TB-06-05-CN-1 / B400-FGS-001:NU6-5:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
96	B400-FGS-001	SCS0120	NU6-6	CN1	ITER	B400-FGS-003	TB-06-05	CN-2	ITER	-	B400-FGS-001:NU6-6:CN1 / B400-FGS-003:TB-06-05	B400-FGS-003:TB-06-05-CN-2 / B400-FGS-001:NU6-6:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
97	B400-FGS-001	SCS0120	NU6-7	CN1	ITER	B400-FGS-003	TB-06-07	CN-1	ITER	-	B400-FGS-001:NU6-7:CN1 / B400-FGS-003:TB-06-07	B400-FGS-003:TB-06-07-CN-1 / B400-FGS-001:NU6-7:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
98	B400-FGS-001	SCS0120	NU6-8	CN1	ITER	B400-FGS-003	TB-06-07	CN-2	ITER	-	B400-FGS-001:NU6-8:CN1 / B400-FGS-003:TB-06-07	B400-FGS-003:TB-06-07-CN-2 / B400-FGS-001:NU6-8:CN1	AKB331-M010/HF	10	PRE-FAB Cable	
99	B400-PCS-002	FCS0101	TB-04-05	21A	ITER	B400-NET-001	X_FAULT	1	ITER	-	B400-PCS-002:TB-04-05:21A / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-1 / B400-PCS-002:TB-04-05:21A	1C * 1sq.mm (WH)	10	-	87-XA-061
100	B400-PCS-002	FCS0101	TB-04-05	21B	ITER	B400-NET-001	X_FAULT	2	ITER	-	B400-PCS-002:TB-04-05:21B / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-2 / B400-PCS-002:TB-04-05:21B	1C * 1sq.mm (BK)	10	-	87-XA-061
101	B400-PCS-002	FCS0101	TB-04-05	22A	ITER	B400-NET-001	X_FAULT	3	ITER	-	B400-PCS-002:TB-04-05:22A / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-3 / B400-PCS-002:TB-04-05:22A	1C * 1sq.mm (WH)	10	-	87-XA-062
102	B400-PCS-002	FCS0101	TB-04-05	22B	ITER	B400-NET-001	X_FAULT	4	ITER	-	B400-PCS-002:TB-04-05:22B / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-4 / B400-PCS-002:TB-04-05:22B	1C * 1sq.mm (BK)	10	-	87-XA-062
103	B400-PCS-002	FCS0101	TB-04-05	23A	ITER	B400-NET-001	X_FAULT	5	ITER	-	B400-PCS-002:TB-04-05:23A / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-5 / B400-PCS-002:TB-04-05:23A	1C * 1sq.mm (WH)	10	-	87-XA-063
104	B400-PCS-002	FCS0101	TB-04-05	23B	ITER	B400-NET-001	X_FAULT	6	ITER	-	B400-PCS-002:TB-04-05:23B / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-6 / B400-PCS-002:TB-04-05:23B	1C * 1sq.mm (BK)	10	-	87-XA-063
105	B400-PCS-002	FCS0101	TB-04-05	24A	ITER	B400-NET-001	X_FAULT	7	ITER	-	B400-PCS-002:TB-04-05:24A / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-7 / B400-PCS-002:TB-04-05:24A	1C * 1sq.mm (WH)	10	-	87-XA-064
106	B400-PCS-002	FCS0101	TB-04-05	24B	ITER	B400-NET-001	X_FAULT	8	ITER	-	B400-PCS-002:TB-04-05:24B / B400-NET-001:X_FAULT	B400-NET-001:X_FAULT-8 / B400-PCS-002:TB-04-05:24B	1C * 1sq.mm (BK)	10	-	87-XA-064
107	B400-PCS-002	FCS0101	TB-04-05	25A	ITER	B400-SRV-001	X_FAULT	9	ITER	-	B400-PCS-002:TB-04-05:25A / B400-SRV-001:X_FAULT	B400-SRV-001:X_FAULT-9 / B400-PCS-002:TB-04-05:25A	1C * 1sq.mm (WH)	10	-	87-XA-073
108	B400-PCS-002	FCS0101	TB-04-05	25B	ITER	B400-SRV-001	X_FAULT	10	ITER	-	B400-PCS-002:TB-04-05:25B / B400-SRV-001:X_FAULT	B400-SRV-001:X_FAULT-10 / B400-PCS-002:TB-04-05:25B	1C * 1sq.mm (BK)	10	-	87-XA-073

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
E	MODBUS TCP/IP, IEC61850, SERVICE NETWORK														
1	B400-NET-001	FW-003	P1	ITER	B400-EMCS-001	RTAC SEL 2241	ETH1	ITER	B400-NET1-E1	FW-003:P1 / RTAC SEL 2241:ETH1	RTAC SEL 2241:ETH1 / FW-003:P1	CAT6 UTP, GREY	10	IEC61850	EMCS IEC61850 CONNECTION TO SWGRs CABLE INSTALLED IN YARD
2	B400-NET-001	FW-004	P1	ITER	B400-EMCS-001	RTAC SEL 2241	ETH2	ITER	B400-NET1-E2	FW-004:P1 / RTAC SEL 2241:ETH2	RTAC SEL 2241:ETH2 / FW-004:P1	CAT6 UTP, GREY	10	IEC61850	EMCS IEC61850 CONNECTION TO SWGRs CABLE INSTALLED IN YARD
3	B400-NET-001	COMSWL2-001	P5	ITER	B400-SVR-001	CISVR01	P3	ITER	B400-NET1-E3	COMSWL2-001:P5 / CISVR01:P3	CISVR01:P3 / COMSWL2-001:P5	CAT6 UTP, GREY	10	OPC UA	CISVR-01 and EMCSSVR OPC UA
4	B400-NET-001	COMSWL2-001	P6	ITER	B400-SVR-001	CISVR02	P3	ITER	B400-NET1-E4	COMSWL2-001:P6 / CISVR02:P3	CISVR02:P3 / COMSWL2-001:P6	CAT6 UTP, GREY	10	OPC UA	CISVR-02 and EMCSSVR OPC UA
5	B400-NET-001	COMSWL2-001	P7	ITER	B400-SVR-001	EMCSSVR01	P3	ITER	B400-NET1-E5	COMSWL2-001:P7 / EMCSSVR01:P3	EMCSSVR01:P3 / COMSWL2-001:P7	CAT6 UTP, GREY	10	OPC UA	CISVR-01 and EMCSSVR OPC UA
6	B400-NET-001	COMSWL2-002	P7	ITER	B400-SVR-001	EMCSSVR02	P3	ITER	B400-NET1-E6	COMSWL2-002:P7 / EMCSSVR02:P3	EMCSSVR02:P3 / COMSWL2-002:P7	CAT6 UTP, GREY	10	OPC UA	CISVR-02 and EMCSSVR OPC UA
7	B400-NET-001	COMSWL2-002	P5	ITER	B400-SVR-001	CISVR01	P4	ITER	B400-NET1-E7	COMSWL2-002:P5 / CISVR01:P4	CISVR01:P4 / COMSWL2-002:P5	CAT6 UTP, GREY	10	OPC UA	CISVR-01 and EMCSSVR OPC UA
8	B400-NET-001	COMSWL2-002	P6	ITER	B400-SVR-001	CISVR02	P4	ITER	B400-NET1-E8	COMSWL2-002:P6 / CISVR02:P4	CISVR02:P4 / COMSWL2-002:P6	CAT6 UTP, GREY	10	OPC UA	CISVR-02 and EMCSSVR OPC UA
9	B400-NET-001	IECSWL2-001	P5	ITER	B400-SVR-001	EMCSSVR01	P4	ITER	B400-NET1-E9	IECSWL2-001:P5 / EMCSSVR01:P4	EMCSSVR01:P4 / IECSWL2-001:P5	CAT6 UTP, GREY	10	IEC61850	EMCS to IEC SW
10	B400-NET-001	IECSWL2-001	P6	ITER	B400-EMCS-001	EMCS Module1	P1	ITER	B400-NET1-E10	IECSWL2-001:P6 / EMCS Module1:P1	EMCS Module1:P1 / IECSWL2-001:P6	CAT6 UTP, GREY	10	IEC61850	IEC SW to EMCS Controller CABLE INSTALLED IN YARD
11	B400-NET-001	IECSWL2-002	P5	ITER	B400-SVR-001	EMCSSVR02	P4	ITER	B400-NET1-E11	IECSWL2-002:P5 / EMCSSVR02:P4	EMCSSVR02:P4 / IECSWL2-002:P5	CAT6 UTP, GREY	10	IEC61850	EMCS to IEC SW
12	B400-NET-001	IECSWL2-002	P6	ITER	B400-EMCS-001	EMCS Module2	P1	ITER	B400-NET1-E12	IECSWL2-002:P6 / EMCS Module2:P1	EMCS Module2:P1 / IECSWL2-002:P6	CAT6 UTP, GREY	10	IEC61850	IEC SW to EMCS Controller CABLE INSTALLED IN YARD
13	B400-NET-001	FW-001	WAN2	ITER	B400-NET-001	TMSSWL2-001	P5	ITER	B400-NET1-E13	FW-001:WAN2 / TMSSWL2-001:P5	TMSSWL2-001:P5 / FW-001:WAN2	CAT6 UTP, GREY	5	mgmt	Management Services

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
E	MODBUS TCP/IP, IEC61850, SERVICE NETWORK														
14	B400-NET-001	SERVSWL2-001	P1	ITER	B400-NET-001	FOPP-001	P2-LEFT	ITER	B400-NET1-E14	SERVSWL2-001:P1 / FOPP-001:P2-LEFT	FOPP-001:P2-LEFT / SERVSWL2-001:P1	1xFOSM	5	SERVICE NETWORK	FO PANEL
15	B400-NET-001	SERVSWL2-002	P1	ITER	B400-NET-001	FOPP-001	P2-RIGHT	ITER	B400-NET1-E15	SERVSWL2-002:P1 / FOPP-001:P2-RIGHT	FOPP-001:P2-RIGHT / SERVSWL2-002:P1	1xFOSM	5	SERVICE NETWORK	FO PANEL
16	B400-NET-001	FOPP-002	P9	ITER	B400-SVR-001	TMSVR01	P12	ITER	B400-NET1-E16	FOPP-002:P9 / TMSVR01:P12	TMSVR01:P12 / FOPP-002:P9	2xFOMM	5	PTP	GIS PTP
17	B400-NET-001	FW-002	WAN2	ITER	B400-NET-001	TMSSWL2-001	P6	ITER	B400-NET1-E17	FW-002:WAN2 / TMSSWL2-001:P6	TMSSWL2-001:P6 / FW-002:WAN2	CAT6 UTP, GREY	5	mgmt	Management Services
18	B400-NET-001	FW-003	P13	ITER	B400-NET-001	FOPP-002	P1	ITER	B400-NET1-E18	FW-003:P13 / FOPP-002:P1	FOPP-002:P1 / FW-003:P13	2xFOMM	2	IEC61850	HV Switchgear (GIS)
19	B400-NET-001	FW-003	P3	ITER	SG-100D1	COPP-01	P1	ITER	B400-NET1-E19	FW-003:P3 / COPP-01:P1	COPP-01:P1 / FW-003:P3	CAT6 UTP, GREY	5	IEC61850	6.6 kV MV Switchgear SG-100D1
20	B400-NET-001	FW-003	P4	ITER	SG-200N1	COPP-01	P2	ITER	B400-NET1-E20	FW-003:P4 / COPP-01:P2	COPP-01:P2 / FW-003:P4	CAT6 UTP, GREY	5	IEC61850	LV Switchgear SG-200N1
21	B400-NET-001	FW-003	WAN1	ITER	B400-NET-001	TMSSWL2-001	P7	ITER	B400-NET1-E21	FW-003:WAN1 / TMSSWL2-001:P7	TMSSWL2-001:P7 / FW-003:WAN1	CAT6 UTP, GREY	5	mgmt	Management Services
22	B400-NET-001	FW-004	P13	ITER	B400-NET-001	FOPP-002	P7	ITER	B400-NET1-E22	FW-004:P13 / FOPP-002:P7	FOPP-002:P7 / FW-004:P13	2xFOMM	2	IEC61850	HV Switchgear (GIS)
23	B400-NET-001	FW-004	P3	ITER	SG-100D1	COPP-01	P3	ITER	B400-NET1-E23	FW-004:P3 / COPP-01:P3	COPP-01:P3 / FW-004:P3	CAT6 UTP, GREY	5	IEC61850	6.6 kV MV Switchgear SG-100D1
24	B400-NET-001	FW-004	P4	ITER	SG-200N1	COPP-01	P4	ITER	B400-NET1-E24	FW-004:P4 / COPP-01:P4	COPP-01:P4 / FW-004:P4	CAT6 UTP, GREY	5	IEC61850	LV Switchgear SG-200N1
~~25~~	~~B400-NET-001~~	~~FW-004~~	~~P5~~	~~ITER~~	~~B400-NET-001~~	~~TMSSWL2-001~~	~~P8~~	~~ITER~~	~~B400-NET1-E25~~	~~FW-004:P5 / TMSSWL2-001:P8~~	~~TMSSWL2-001:P8 / FW-004:P5~~	~~CAT6 UTP, GREY~~	~~10~~	~~SNTP~~	
26	B400-NET-001	FW-004	WAN1	ITER	B400-NET-001	TMSSWL2-001	P8	ITER	B400-NET1-E26	FW-004:WAN1 / TMSSWL2-001:P8	TMSSWL2-001:P8 / FW-004:WAN1	CAT6 UTP, GREY	5	mgmt	Management Services
27	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P1	OER	HKN-WPO1-BLPH-NET-01	FOPP-003	P2-LEFT	OER	HKN-WPO11-E27	SERVSWL2-003:P1 / FOPP-003:P2-LEFT	FOPP-003:P2-LEFT / SERVSWL2-003:P1	1xFOSM	5	SERVICE NETWORK	SERVICE NETWORK
28	HKN-WPO1-BLPH-NET-01	SERVSWL2-004	P1	OER	HKN-WPO1-BLPH-NET-01	FOPP-003	P2-RIGHT	OER	HKN-WPO11-E28	SERVSWL2-004:P1 / FOPP-003:P2-RIGHT	FOPP-003:P2-RIGHT / SERVSWL2-004:P1	1xFOSM	5	SERVICE NETWORK	SERVICE NETWORK
29	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P5	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-001	P1	OER	HKN-WPO11-E29	SERVSWL2-003:P5 / SERVFWL2-001:P1	SERVFWL2-001:P1 / SERVSWL2-003:P5	CAT6 UTP, GREY	5	SERVICE NETWORK	SERVICE NETWORK
30	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P6	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-002	P1	OER	HKN-WPO11-E30	SERVSWL2-003:P6 / SERVFWL2-002:P1	SERVFWL2-002:P1 / SERVSWL2-003:P6	CAT6 UTP, GREY	5	SERVICE NETWORK	SERVICE NETWORK
31	B400-SVR-001	TMSSVR01	P4	ITER	B400-NET-001	TMSSWL2-001	P12	ITER	B400-SVR1-E31	TMSSVR01:P4 / TMSSWL2-001:P12	TMSSWL2-001:P12 / TMSSVR01:P4	CAT6 UTP, GREY	5	NTP	
32	B400-NET-001	IECSWL2-001	P7	ITER	B400-NET-001	IECSWL2-002	P7	ITER	B400-NET1-E32	IECSWL2-001:P7 / IECSWL2-002:P7	IECSWL2-002:P7 / IECSWL2-001:P7	CAT6 UTP, GREY	3		REDUNDANCY
33	B400-NET-001	COMSWL2-001	P8	ITER	B400-NET-001	COMSWL2-002	P8	ITER	B400-NET1-E33	COMSWL2-001:P8 / COMSWL2-002:P8	COMSWL2-002:P8 / COMSWL2-001:P8	CAT6 UTP, GREY	3		REDUNDANCY
34	B400-NET-001	PROCONV-001	P1	ITER	B400-NET-001	COPP-02	P1	ITER	B400-NET1-E34	PROCONV-001:P1 / COPP-02:P1	COPP-02:P1 / PROCONV-001:P1	CAT6 UTP, GREEN	5	Profinet	BESS
35	B400-NET-001	PROCONV-002	P1	ITER	B400-NET-001	COPP-02	P2	ITER	B400-NET1-E35	PROCONV-002:P1 / COPP-02:P2	COPP-02:P2 / PROCONV-002:P1	CAT6 UTP, GREEN	5	Profinet	ELECTROLYSER
36	B400-NET-001	FW-003	P14	ITER	B400-NET-001	FOPP-002	P2	ITER	B400-NET1-E36	FW-003:P14 / FOPP-002:P2	FOPP-002:P2 / FW-003:P14	2xFOMM	2	IEC61850	HV Switchgear (GIS)
37	B400-NET-001	FW-004	P14	ITER	B400-NET-001	FOPP-002	P8	ITER	B400-NET1-E37	FW-004:P14 / FOPP-002:P8	FOPP-002:P8 / FW-004:P14	2xFOMM	2	IEC61850	HV Switchgear (GIS)
38	B400-NET-001	SERVSWL2-001	P2	ITER	B400-NET-001	FOPP-001	P3	ITER	B400-NET1-E38	SERVSWL2-001:P2 / FOPP-001:P3	FOPP-001:P3 / SERVSWL2-001:P2	2xFOSM	2	IEC61850	Solar farm
39	B400-NET-001	SERVSWL2-002	P2	ITER	B400-NET-001	FOPP-001	P4	ITER	B400-NET1-E39	SERVSWL2-002:P2 / FOPP-001:P4	FOPP-001:P4 / SERVSWL2-002:P2	2xFOSM	2	IEC61850	Solar farm
40	HKN-WPO1-BLPH-SRV-01	SERVFWL2-001	WAN1	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-002	WAN1	OER	HKN-WPO11-E40	SERVFWL2-001:WAN1 / SERVFWL2-002:WAN1	SERVFWL2-002:WAN1 / SERVFWL2-001:WAN1	CAT6 UTP, WHITE	2	HA	REDUNDANCY
41	HKN-WPO1-BLPH-SRV-01	SERVFWL2-001	WAN2	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-002	WAN2	OER	HKN-WPO11-E41	SERVFWL2-001:WAN2 / SERVFWL2-002:WAN2	SERVFWL2-002:WAN2 / SERVFWL2-001:WAN2	CAT6 UTP, WHITE	2	HA	REDUNDANCY
42	HKN-WPO1-BLPH-NET-01	SERVSWL2-004	P5	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-001	P2	OER	HKN-WPO11-E42	SERVSWL2-004:P5 / SERVFWL2-001:P2	SERVFWL2-001:P2 / SERVSWL2-004:P5	CAT6 UTP, GREY	5	SERVICE NETWORK	SERVICE NETWORK
43	HKN-WPO1-BLPH-NET-01	SERVSWL2-004	P6	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-002	P2	OER	HKN-WPO11-E43	SERVSWL2-004:P6 / SERVFWL2-002:P2	SERVFWL2-002:P2 / SERVSWL2-004:P6	CAT6 UTP, GREY	5	SERVICE NETWORK	SERVICE NETWORK
44	B400-NET-001	SERVSWL2-001	P8	ITER	B400-NET-001	COPP-02	P9	ITER	B400-NET1-E44	SERVSWL2-001:P8 / COPP-02:P9	COPP-02:P9 / SERVSWL2-001:P8	CAT6 UTP, GREY	5	SERVICE NETWORK	ELECTROLYSER
45	B400-NET-001	SERVSWL2-001	P9	ITER	B400-NET-001	COPP-02	P10	ITER	B400-NET1-E45	SERVSWL2-001:P9 / COPP-02:P10	COPP-02:P10 / SERVSWL2-001:P9	CAT6 UTP, GREY	5	SERVICE NETWORK	FUEL CELL
46	B400-NET-001	SERVSWL2-001	P10	ITER	B400-NET-001	COPP-02	P11	ITER	B400-NET1-E46	SERVSWL2-001:P10 / COPP-02:P11	COPP-02:P11 / SERVSWL2-001:P10	CAT6 UTP, GREY	5	SERVICE NETWORK	BESS
49	B400-NET-001	FW-001	P3	ITER	B400-NET-001	CNSWL2-001	P20	ITER	B400-NET1-E49	FW-001:P3 / CNSWL2-001:P20	CNSWL2-001:P20 / FW-001:P3	CAT6 UTP, GREY	5	SNTP	
50	B400-NET-001	FW-002	P3	ITER	B400-NET-001	CNSWL2-002	P20	ITER	B400-NET1-E50	FW-002:P3 / CNSWL2-002:P20	CNSWL2-002:P20 / FW-002:P3	CAT6 UTP, GREY	5	SNTP	
51	B400-NET-001	FW-001	P4	ITER	B400-NET-001	SNSWL2-003	P16	ITER	B400-NET1-E51	FW-001:P4 / SNSWL2-003:P16	SNSWL2-003:P16 / FW-001:P4	CAT6 UTP, GREY	5	SNTP	
52	B400-NET-001	FW-002	P4	ITER	B400-NET-001	SNSWL2-004	P16	ITER	B400-NET1-E52	FW-002:P4 / SNSWL2-004:P16	SNSWL2-004:P16 / FW-002:P4	CAT6 UTP, GREY	5	SNTP	
53	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P9	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-004	P9	OER	HKN-WPO11-E53	SERVSWL2-003:P9 / SERVFWL2-004:P9	SERVFWL2-004:P9 / SERVSWL2-003:P9	CAT6 UTP, GREY	5	SERVICE NETWORK	REDUNDANCY

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NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
E	MODBUS TCP/IP, IEC61850, SERVICE NETWORK														
54	B400-NET-001	SERVSWL2-001	P11	ITER	B400-NET-001	SERVSWL2-002	P11	ITER	B400-NET1-E54	SERVSWL2-001:P11 / SERVSWL2-002:P11	SERVSWL2-002:P11 / SERVSWL2-001:P11	CAT6 UTP, GREY	2	SERVICE NETWORK	REDUNDANCY

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ITEM	FROM				TO					CABLE TAG	CABLE TAG	CABLE		SERVICE	REMARKS
NO	CABINET NO.	EQUIPMENT	PORT	LOCATION	CABINET NO.	EQUIPMENT	PORT	LOCATION	Cable Name			TYPE	LENGTH (M)		
F	SNTP to MODBUS / PROFINET Cables - Sub system cable														
1	B400-NET-001	FW-005	P1	ITER	B400-PCS-001	ALE111	NU4-S1	ITER	B400-NET1-F1	FW-005:P1 / ALE111:NU4-S1	ALE111:NU4-S1 / FW-005:P1	CAT6 UTP, GREEN	15	Modbus	REDUNDANT MODBUS EMCS TO PCS CABLE INSTALLED IN YARD
2	B400-NET-001	FW-006	P1	ITER	B400-PCS-001	ALE111	NU4-S2	ITER	B400-NET1-F2	FW-006:P1 / ALE111:NU4-S2	ALE111:NU4-S2 / FW-006:P1	CAT6 UTP, GREEN	15	Modbus	REDUNDANT MODBUS EMCS TO PCS CABLE INSTALLED IN YARD
3	B400-NET-001	MODSWL2-001	P5	ITER	B400-PCS-001	ALE111	NU4-S3	ITER	B400-NET1-F3	MODSWL2-001:P5 / ALE111:NU4-S3	ALE111:NU4-S3 / MODSWL2-001:P5	CAT6 UTP, GREEN	15	Modbus	HVAC,UPS,Instrument Air, Nitrogen, Fresh Water Modbus to FCS0101 ALE111 CABLE INSTALLED IN YARD
4	B400-NET-001	MODSWL2-001	P6	ITER	B400-NET-001	TMSSWL2-001	P9	ITER	B400-NET1-F4	MODSWL2-001:P6 / TMSSWL2-001:P9	TMSSWL2-001:P9 / MODSWL2-001:P6	CAT6 UTP, GREY	2	mgmt	Mangament Services
5	B400-NET-001	MODSWL2-002	P5	ITER	B400-NET-001	TMSSWL2-001	P11	ITER	B400-NET1-F5	MODSWL2-002:P5 / TMSSWL2-001:P11	TMSSWL2-001:P11 / MODSWL2-002:P5	CAT6 UTP, GREY	2	mgmt	Management Services
6	B400-NET-001	MODSWL2-001	P7	ITER	B400-NET-001	COPP-01	P5	ITER	B400-NET1-F6	MODSWL2-001:P7 / COPP-01:P5	COPP-01:P5 / MODSWL2-001:P7	CAT6 UTP, GREEN	5	Modbus	UP -200F3
7	B400-NET-001	MODSWL2-002	P6	ITER	B400-NET-001	COPP-01	P6	ITER	B400-NET1-F7	MODSWL2-002:P6 / COPP-01:P6	COPP-01:P6 / MODSWL2-002:P6	CAT6 UTP, GREEN	5	Modbus	UP -200F3
8	B400-NET-001	MODSWL2-001	P8	ITER	B400-NET-001	COPP-01	P7	ITER	B400-NET1-F8	MODSWL2-001:P8 / COPP-01:P7	COPP-01:P7 / MODSWL2-001:P8	CAT6 UTP, GREEN	5	Modbus	UP -200F4
9	B400-NET-001	MODSWL2-002	P7	ITER	B400-NET-001	COPP-01	P8	ITER	B400-NET1-F9	MODSWL2-002:P7 / COPP-01:P8	COPP-01:P8 / MODSWL2-002:P7	CAT6 UTP, GREEN	5	Modbus	UP -200F4
10	B400-NET-001	MODSWL2-001	P9	ITER	B400-NET-001	COPP-01	P9	ITER	B400-NET1-F10	MODSWL2-001:P9 / COPP-01:P9	COPP-01:P9 / MODSWL2-001:P9	CAT6 UTP, GREEN	5	Modbus	UP-200F1
11	B400-NET-001	MODSWL2-002	P8	ITER	B400-NET-001	COPP-01	P10	ITER	B400-NET1-F11	MODSWL2-002:P8 / COPP-01:P10	COPP-01:P10 / MODSWL2-002:P8	CAT6 UTP, GREEN	5	Modbus	UP-200F1
12	B400-NET-001	MODSWL2-001	P10	ITER	B400-NET-001	COPP-01	P11	ITER	B400-NET1-F12	MODSWL2-001:P10 / COPP-01:P11	COPP-01:P11 / MODSWL2-001:P10	CAT6 UTP, GREEN	5	Modbus	B100-HSB-001
13	B400-NET-001	MODSWL2-001	P11	ITER	B400-NET-001	COPP-01	P12	ITER	B400-NET1-F13	MODSWL2-001:P11 / COPP-01:P12	COPP-01:P12 / MODSWL2-001:P11	CAT6 UTP, GREEN	5	Modbus	B200-HSB-001
14	B400-NET-001	MODSWL2-001	P12	ITER	B400-NET-001	COPP-01	P13	ITER	B400-NET1-F14	MODSWL2-001:P12 / COPP-01:P13	COPP-01:P13 / MODSWL2-001:P12	CAT6 UTP, GREEN	5	Modbus	B300-HSB-001
15	B400-NET-001	MODSWL2-001	P13	ITER	B400-NET-001	COPP-01	P14	ITER	B400-NET1-F15	MODSWL2-001:P13 / COPP-01:P14	COPP-01:P14 / MODSWL2-001:P13	CAT6 UTP, GREEN	5	Modbus	B400-HSB-001
16	B400-NET-001	MODSWL2-001	P14	ITER	B400-NET-001	COPP-01	P15	ITER	B400-NET1-F16	MODSWL2-001:P14 / COPP-01:P15	COPP-01:P15 / MODSWL2-001:P14	CAT6 UTP, GREEN	5	Modbus	SG-200N1
17	B400-NET-001	MODSWL2-001	P15	ITER	B400-NET-001	COPP-01	P16	ITER	B400-NET1-F17	MODSWL2-001:P15 / COPP-01:P16	COPP-01:P16 / MODSWL2-001:P15	CAT6 UTP, GREEN	5	Modbus	50-LP-001
18	B400-NET-001	PRFNSW001	P5	ITER	B400-PCS-001	A2LP131	NU4-S4	ITER	B400-NET1-F18	PRFNSW001:P5 / A2LP131:NU4-S4	A2LP131:NU4-S4 / PRFNSW001:P5	CAT6 UTP, GREEN	15	Profinet	CABLE INSTALLED IN YARD
19	B400-NET-001	PRFNSW001	P6	ITER	B400-NET-001	TMSSWL2-001	P10	ITER	B400-NET1-F19	PRFNSW001:P6 / TMSSWL2-001:P10	TMSSWL2-001:P10 / PRFNSW001:P6	CAT6 UTP, GREY	2	mgmt	Management Services
20	B400-NET-001	PRFNSW001	P7	ITER	B400-NET-001	COPP-01	P17	ITER	B400-NET1-F20	PRFNSW001:P7 / COPP-01:P17	COPP-01:P17 / PRFNSW001:P7	CAT6 UTP, GREEN	5	Profinet	63-LP-001
21	B400-NET-001	PRFNSW001	P8	ITER	B400-NET-001	COPP-01	P18	ITER	B400-NET1-F21	PRFNSW001:P8 / COPP-01:P18	COPP-01:P18 / PRFNSW001:P8	CAT6 UTP, GREEN	5	Profinet	64-LP-001
22	B400-NET-001	FW-005	P2	ITER	B400-SRV-001	EMCSSRV01	P8	ITER	B400-NET1-F22	FW-005:P2 / EMCSSRV01:P8	EMCSSRV01:P8 / FW-005:P2	CAT6 UTP, GREEN	10	Modbus	EMCS to PCS modbus for control
23	B400-NET-001	FW-006	P2	ITER	B400-SRV-001	EMCSSRV02	P8	ITER	B400-NET1-F23	FW-006:P2 / EMCSSRV02:P8	EMCSSRV02:P8 / FW-006:P2	CAT6 UTP, GREEN	10	Modbus	EMCS to PCS modbus for control
24	B400-NET-001	MODSWL2-002	P11	ITER	B400-NET-001	COPP-01	P19	ITER	B400-NET1-F24	MODSWL2-002:P11 / COPP-01:P19	COPP-01:P19 / MODSWL2-002:P11	CAT6 UTP, GREEN	5	Modbus	TR-100AD1 AVR
25	B400-NET-001	MODSWL2-002	P12	ITER	B400-NET-001	COPP-01	P20	ITER	B400-NET1-F25	MODSWL2-002:P12 / COPP-01:P20	COPP-01:P20 / MODSWL2-002:P12	CAT6 UTP, GREEN	5	Modbus	SG-100D1
26	B400-NET-001	MODSWL2-002	P13	ITER	B400-NET-001	COPP-01	P21	ITER	B400-NET1-F26	MODSWL2-002:P13 / COPP-01:P21	COPP-01:P21 / MODSWL2-002:P13	CAT6 UTP, GREEN	5	Modbus	SG-200D2
27	B400-NET-001	MODSWL2-001	P19	ITER	B400-NET-001	SERVSWL2-001	P6	ITER	B400-NET1-F27	MODSWL2-001:P19 / SERVSWL2-001:P6	SERVSWL2-001:P6 / MODSWL2-001:P19	CAT6 UTP, GREEN	5	Modbus	MV-SWGR
28	B400-NET-001	MODSWL2-002	P9	ITER	B400-NET-001	SERVSWL2-002	P6	ITER	B400-NET1-F28	MODSWL2-002:P9 / SERVSWL2-002:P6	SERVSWL2-002:P6 / MODSWL2-002:P9	CAT6 UTP, GREEN	5	Modbus	MV-SWGR
29	B400-NET-001	MODSWL2-002	P14	ITER	B400-NET-001	MODSWL2-002	17	ITER	B400-NET1-F29	MODSWL2-002:P14 / MODSWL2-002:17	MODSWL2-002:17 / MODSWL2-002:P14	CAT6 UTP, GREEN	5	Modbus	ELECTROLYSER
30	B400-NET-001	MODSWL2-001	P21	ITER	B400-NET-001	FW-005	P3	ITER	B400-NET1-F30	MODSWL2-001:P21 / FW-005:P3	FW-005:P3 / MODSWL2-001:P21	CAT6 UTP, GREEN	5	Modbus	FW-005 to Modbus Switch
31	B400-NET-001	MODSWL2-002	P10	ITER	B400-NET-001	FW-006	P3	ITER	B400-NET1-F31	MODSWL2-002:P10 / FW-006:P3	FW-006:P3 / MODSWL2-002:P10	CAT6 UTP, GREEN	5	Modbus	FW-005 to Modbus Switch
32	B400-NET-001	MODSWL2-002	P15	ITER	B400-NET-001	PROCONV-001	P2	ITER	B400-NET1-F32	MODSWL2-002:P15 / PROCONV-001:P2	PROCONV-001:P2 / MODSWL2-002:P15	CAT6 UTP, GREEN	5	Modbus	BESS
33	B400-NET-001	MODSWL2-002	P16	ITER	B400-NET-001	COPP-02	P3	ITER	B400-NET1-F33	MODSWL2-002:P16 / COPP-02:P3	COPP-02:P3 / MODSWL2-002:P16	CAT6 UTP, GREEN	3	Modbus	FUEL CELL
34	B400-NET-001	FW-005	WAN1	ITER	B400-NET-001	TMSSWL2-001	13	ITER	B400-NET1-F34	FW-005:WAN1 / TMSSWL2-001:13	TMSSWL2-001:13 / FW-005:WAN1	CAT6 UTP, GREY	5	mgmt	Management Services
34	B400-NET-001	FW-006	WAN1	ITER	B400-NET-001	TMSSWL2-001	14	ITER	B400-NET1-F34	FW-006:WAN1 / TMSSWL2-001:14	TMSSWL2-001:14 / FW-006:WAN1	CAT6 UTP, GREY	5	mgmt	Management Services

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