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: 27/05/2025 Rev. 04

Base Load Power Hub (BLPH)

ICSS

Systems Cables List

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

Document Class: 2

04	27/05/2025	Accepted for Construction (AFC)	SKR	MP/KN/AB	SC
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: 27/05/2025 Rev. 04

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

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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)
04	Accepted for Construction (AFC)

HOLDS LIST

No.	Description
1	
2	
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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: 27/05/2025 Rev. 04

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

ITI	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	P7	ITER	B400-NET1-A13	CNSWL2-001:P18 / TMSSWL2-001:P7	TMSSWL2-001:P7 / CNSWL2-001:P18	CAT6 UTP, Grey	5	mgmt	management Services
14	B400-NET-001	SNSWL2-003	P18	ITER	B400-SRV-001	TMSSWL2-001	P19	ITER	B400-NET1-A14	SNSWL2-003:P18 / TMSSWL2-001:P19	TMSSWL2-001:P19 / 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	P8	ITER	B400-NET1-B13	CNSWL2-002:P18 / TMSSWL2-001:P8	TMSSWL2-001:P8 / CNSWL2-002:P18	CAT6 UTP, Gray	5	mgmt	Management Services
14	B400-NET-001	SNSWL2-004	P18	ITER	B400-SRV-001	TMSSWL2-001	P20	ITER	B400-NET1-B14	SNSWL2-004:P18 / TMSSWL2-001:P20	TMSSWL2-001:P20 / 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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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	P5	ITER	B400-NET1-C9	PINSWL2-001:P11 / TMSSWL2-001:P5	TMSSWL2-001:P5 / 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	EMCS-1 PIN connection
16	B400-NET-001	PINSWL2-002	P11	ITER	B400-NET-001	TMSSWL2-001	P6	ITER	B400-NET1-C16	PINSWL2-002:P11 / TMSSWL2-001:P6	TMSSWL2-001:P6 / 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	18	OER	HKN-WPO1-BLPH-NET-01	PINSWL2-006	P18	OER	HKN-WPO11-C55	PINSWL2-005:18 / PINSWL2-006:P18	PINSWL2-006:P18 / PINSWL2-005:18	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

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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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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	P9	ITER	B400-NET1-E13	FW-001:WAN2 / TMSSWL2-001:P9	TMSSWL2-001:P9 / FW-001:WAN2	CAT6 UTP, GREY	5	mgmt	Management Services
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	COMSWL2-001	P14	ITER	B400-SVR-001	TMSVR01	P12	ITER	B400-NET1-E16	COMSWL2-001:P14 / TMSVR01:P12	TMSVR01:P12 / COMSWL2-001:P14	CAT6 UTP, GREY	5	PTP	GIS PTP
17	B400-NET-001	FW-002	WAN2	ITER	B400-NET-001	TMSSWL2-001	P10	ITER	B400-NET1-E17	FW-002:WAN2 / TMSSWL2-001:P10	TMSSWL2-001:P10 / FW-002:WAN2	CAT6 UTP, GREY	5	mgmt	Management Services
18	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
19	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
20	B400-NET-001	FW-003	P20	ITER	B400-NET-001	TMSSWL2-001	P11	ITER	B400-NET1-E21	FW-003:P20 / TMSSWL2-001:P11	TMSSWL2-001:P11 / FW-003:P20	CAT6 UTP, GREY	5	mgmt	Management Services
21	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
22	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
23	B400-NET-001	FW-004	P20	ITER	B400-NET-001	TMSSWL2-001	P12	ITER	B400-NET1-E26	FW-004:P20 / TMSSWL2-001:P12	TMSSWL2-001:P12 / FW-004:P20	CAT6 UTP, GREY	5	mgmt	Management Services
24	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
25	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
26	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P5	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-001	P5	OER	HKN-WPO11-E29	SERVSWL2-003:P5 / SERVFWL2-001:P5	SERVFWL2-001:P5 / SERVSWL2-003:P5	CAT6 UTP, GREY	5	SERVICE NETWORK	SERVICE NETWORK
27	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P6	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-002	P4	OER	HKN-WPO11-E30	SERVSWL2-003:P6 / SERVFWL2-002:P4	SERVFWL2-002:P4 / SERVSWL2-003:P6	CAT6 UTP, GREY	5	SERVICE NETWORK	SERVICE NETWORK

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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														
28	B400-SVR-001	TMSSVR01	P4	ITER	B400-NET-001	TMSSWL2-001	P16	ITER	B400-SVR1-E31	TMSSVR01:P4 / TMSSWL2-001:P16	TMSSWL2-001:P16 / TMSSVR01:P4	CAT6 UTP, GREY	5	NTP	
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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
37	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
38	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
39	HKN-WPO1-BLPH-NET-01	SERVSWL2-003	P12	OER	HKN-WPO1-BLPH-NET-01	SERVFWL2-004	P12	OER	HKN-WPO11-E53	SERVSWL2-003:P12 / SERVFWL2-004:P12	SERVFWL2-004:P12 / SERVSWL2-003:P12	CAT6 UTP, GREY	5	SERVICE NETWORK	REDUNDANCY
40	B400-NET-001	SERVSWL2-001	P12	ITER	B400-NET-001	SERVSWL2-002	P12	ITER	B400-NET1-E54	SERVSWL2-001:P12 / SERVSWL2-002:P12	SERVSWL2-002:P12 / SERVSWL2-001:P12	CAT6 UTP, GREY	2	SERVICE NETWORK	REDUNDANCY
41	B400-NET-001	COMSWL2-001	P1	ITER	B400-NET-001	FOPP-001	P5	ITER	B400-NET1-E55	COMSWL2-001:P1 / FOPP-001:P5	FOPP-001:P5 / COMSWL2-001:P1	CAT6 UTP, GREY	10	OPC UA	CISVR-02 and EMCSSVR OPC UA
42	B400-NET-001	COMSWL2-001	P23	ITER	B400-NET-001	TMSSWL2-001	P23	ITER	B400-NET1-E56	COMSWL2-001:P23 / TMSSWL2-001:P23	TMSSWL2-001:P23 / COMSWL2-001:P23	CAT6 UTP, GREY	10	OPC UA	Management Services
43	B400-NET-001	FW-003	P8	ITER	B400-NET-001	IECSWL2-001	P8	ITER	B400-NET1-E57	FW-003:P8 / IECSWL2-001:P8	IECSWL2-001:P8 / FW-003:P8	CAT6 UTP, GREY	5	IEC61850	EMCS IEC61850 CONNECTION TO SWGRs CABLE INSTALLED IN YARD
44	B400-NET-001	FW-004	P8	ITER	B400-NET-001	IECSWL2-002	P8	ITER	B400-NET1-E58	FW-004:P8 / IECSWL2-002:P8	IECSWL2-002:P8 / FW-004:P8	CAT6 UTP, GREY	5	IEC61850	EMCS IEC61850 CONNECTION TO SWGRs CABLE INSTALLED IN YARD
45	B400-NET-001	IECSWL2-001	P1	ITER	B400-NET-001	FOPP-002	P1	ITER	B400-NET1-E59	IECSWL2-001:P1 / FOPP-002:P1	FOPP-002:P1 / IECSWL2-001:P1	2xFOMM		IEC61850	HV Switchgear (GIS)
46	B400-NET-001	IECSWL2-001	P2	ITER	B400-NET-001	FOPP-002	P2	ITER	B400-NET1-E60	IECSWL2-001:P2 / FOPP-002:P2	FOPP-002:P2 / IECSWL2-001:P2	2xFOMM		IEC61850	HV Switchgear (GIS)
47	B400-NET-001	IECSWL2-002	P1	ITER	B400-NET-001	FOPP-002	P7	ITER	B400-NET1-E61	IECSWL2-002:P1 / FOPP-002:P7	FOPP-002:P7 / IECSWL2-002:P1	2xFOMM		IEC61850	HV Switchgear (GIS)
48	B400-NET-001	IECSWL2-002	P2	ITER	B400-NET-001	FOPP-002	P8	ITER	B400-NET1-E62	IECSWL2-002:P2 / FOPP-002:P8	FOPP-002:P8 / IECSWL2-002:P2	2xFOMM		IEC61850	HV Switchgear (GIS)
49	B400-NET-001	IECSWL2-001	P12	ITER	B400-NET-001	TMSSWL2-001	P21	ITER	B400-NET1-E63	IECSWL2-001:P12 / TMSSWL2-001:P21	TMSSWL2-001:P21 / IECSWL2-001:P12	CAT6 UTP, GREY		IEC61850	
50	B400-NET-001	IECSWL2-002	P12	ITER	B400-NET-001	TMSSWL2-001	P22	ITER	B400-NET1-E64	IECSWL2-002:P12 / TMSSWL2-001:P22	TMSSWL2-001:P22 / IECSWL2-002:P12	CAT6 UTP, GREY		IEC61850	
51	B400-NET-001	COMSWL2-002	P23	ITER	B400-NET-001	TMSSWL2-001	P24	ITER	B400-NET1-E56	COMSWL2-002:P23 / TMSSWL2-001:P24	TMSSWL2-001:P24 / COMSWL2-002:P23	CAT6 UTP, GREY	10	OPC UA	Management Services

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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	P13	ITER	B400-NET1-F4	MODSWL2-001:P6 / TMSSWL2-001:P13	TMSSWL2-001:P13 / 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	MODSWL2-001	P8	ITER	B400-NET-001	COPP-01	P23	ITER	B400-NET1-F8	MODSWL2-001:P8 / COPP-01:P23	COPP-01:P23 / MODSWL2-001:P8	CAT6 UTP, GREEN	5	Modbus	UP -200F4
8	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
9	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
10	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
11	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
12	B400-NET-001	MODSWL2-001	P11	ITER	B400-NET-001	MODSWL2-002	P24	ITER	B400-NET1-F13	MODSWL2-001:P11 / MODSWL2-002:P24	MODSWL2-002:P24 / MODSWL2-001:P11	CAT6 UTP, GREEN	5	Modbus	B200-HSB-001
13	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
14	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
15	B400-NET-001	MODSWL2-001	P14	ITER	B400-NET-001	COPP-01	P12	ITER	B400-NET1-F16	MODSWL2-001:P14 / COPP-01:P12	COPP-01:P12 / MODSWL2-001:P14	CAT6 UTP, GREEN	5	Modbus	SG-200N1
16	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
17	B400-NET-001	PRFNSW001	P10	ITER	B400-PCS-001	A2LP131	NU4-S4	ITER	B400-NET1-F18	PRFNSW001:P10 / A2LP131:NU4-S4	A2LP131:NU4-S4 / PRFNSW001:P10	CAT6 UTP, GREEN	15	Profinet	CABLE INSTALLED IN YARD
18	B400-NET-001	PRFNSW001	P6	ITER	B400-NET-001	TMSSWL2-001	P14	ITER	B400-NET1-F19	PRFNSW001:P6 / TMSSWL2-001:P14	TMSSWL2-001:P14 / PRFNSW001:P6	CAT6 UTP, GREY	2	mgmt	Management Services
19	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
20	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
21	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
22	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
23	B400-NET-001	MODSWL2-001	P16	ITER	B400-NET-001	COPP-01	P19	ITER	B400-NET1-F24	MODSWL2-001:P16 / COPP-01:P19	COPP-01:P19 / MODSWL2-001:P16	CAT6 UTP, GREEN	5	Modbus	TR-100AD1 AVR
24	B400-NET-001	MODSWL2-001	P17	ITER	B400-NET-001	COPP-01	P20	ITER	B400-NET1-F25	MODSWL2-001:P17 / COPP-01:P20	COPP-01:P20 / MODSWL2-001:P17	CAT6 UTP, GREEN	5	Modbus	SG-100D1
25	B400-NET-001	MODSWL2-001	P18	ITER	B400-NET-001	COPP-01	P21	ITER	B400-NET1-F26	MODSWL2-001:P18 / COPP-01:P21	COPP-01:P21 / MODSWL2-001:P18	CAT6 UTP, GREEN	5	Modbus	SG-200D2
26	B400-NET-001	MODSWL2-001	P19	ITER	B400-NET-001	EMCSSRV01	P10	ITER	B400-NET1-F40	MODSWL2-001:P19 / EMCSSRV01:P10	EMCSSRV01:P10 / MODSWL2-001:P19	CAT6 UTP, GREEN	5	Modbus	EMCS to PCS modbus for control
27	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
28	B400-NET-001	COPP-2	P2	ITER	B400-NET-001	PROCONV-002	P1	ITER	B400-NET1-F29	COPP-2:P2 / PROCONV-002:P1	PROCONV-002:P1 / COPP-2:P2	CAT6 UTP, GREEN	5	Modbus	ELECTROLYSER
29	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
30	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 Routed Mode
31	B400-NET-001	MODSWL2-001	P20	ITER	B400-NET-001	PROCONV-002	P2	ITER	B400-NET1-F32	MODSWL2-001:P20 / PROCONV-002:P2	PROCONV-002:P2 / MODSWL2-001:P20	CAT6 UTP, GREEN	5	Modbus	ELECTROLYSER
32	B400-NET-001	MODSWL2-001	P23	ITER	B400-NET-001	COPP-02	P3	ITER	B400-NET1-F33	MODSWL2-001:P23 / COPP-02:P3	COPP-02:P3 / MODSWL2-001:P23	CAT6 UTP, GREEN	3	Modbus	FUEL CELL
33	B400-NET-001	FW-005	WAN1	ITER	B400-NET-001	TMSSWL2-001	P17	ITER	B400-NET1-F34	FW-005:WAN1 / TMSSWL2-001:P17	TMSSWL2-001:P17 / FW-005:WAN1	CAT6 UTP, GREY	5	mgmt	Management Services
34	B400-NET-001	FW-006	WAN1	ITER	B400-NET-001	TMSSWL2-001	P18	ITER	B400-NET1-F35	FW-006:WAN1 / TMSSWL2-001:P18	TMSSWL2-001:P18 / FW-006:WAN1	CAT6 UTP, GREY	5	mgmt	Management Services
35	B400-NET-001	MODSWL2-002	P6	ITER	B400-NET-001	COPP-01	P24	ITER	B400-NET1-F36	MODSWL2-002:P6 / COPP-01:P24	COPP-01:P24 / MODSWL2-002:P6	CAT6 UTP, GREEN	5	Modbus	UP -200F4
36	B400-NET-001	MODSWL2-002	P22	ITER	B400-NET-001	MODSWL2-001	P11	ITER	B400-NET1-F37	MODSWL2-002:P22 / MODSWL2-001:P11	MODSWL2-001:P11 / MODSWL2-002:P22	CAT6 UTP, GREEN	5	Modbus	BESS
37	B400-NET-001	MODSWL2-002	P12	ITER	B400-NET-001	COPP-02	P15	ITER	B400-NET1-F38	MODSWL2-002:P12 / COPP-02:P15	COPP-02:P15 / MODSWL2-002:P12	CAT6 UTP, GREEN	5	Modbus	BESS
38	B400-NET-001	MODSWL2-002	P16	ITER	B400-NET-001	EMCSSRV02	P10	ITER	B400-NET1-F39	MODSWL2-002:P16 / EMCSSRV02:P10	EMCSSRV02:P10 / MODSWL2-002:P16	CAT6 UTP, GREEN	5	Modbus	EMCS to PCS modbus for control

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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														
39	B400-NET-001	MODSWL2-001	P22	ITER	B400-NET-001	EMCSSRV01	P6	ITER	B400-NET1-F40	MODSWL2-001:P22 / EMCSSRV01:P6	EMCSSRV01:P6 / MODSWL2-001:P22	CAT6 UTP, GREEN	5	Modbus	EMCS to PCS modbus for control
40	B400-NET-001	FW-005	A	ITER	B400-NET-001	MODSWL2-001	P24	ITER	B400-NET1-F41	FW-005:A / MODSWL2-001:P24	MODSWL2-001:P24 / FW-005:A	CAT6 UTP, GREY	5	mgmt	Management Services
41	B400-NET-001	FW-006	A	ITER	B400-PCS-001	MODSWL2-002	P23	ITER	B400-NET1-F42	FW-006:A / MODSWL2-002:P23	MODSWL2-002:P23 / FW-006:A	CAT6 UTP, GREEN	15	Modbus	FW-005 to Modbus Switch Transparent Mode
42	B400-NET-001	MODSWL2-002	P11	ITER	B400-PCS-001	ALE111	NU3-S7	ITER	B400-NET1-F43	MODSWL2-002:P11 / ALE111:NU3-S7	ALE111:NU3-S7 / MODSWL2-002:P11	CAT6 UTP, GREEN	5	Modbus	LVSWGR to PCS modbus for control

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