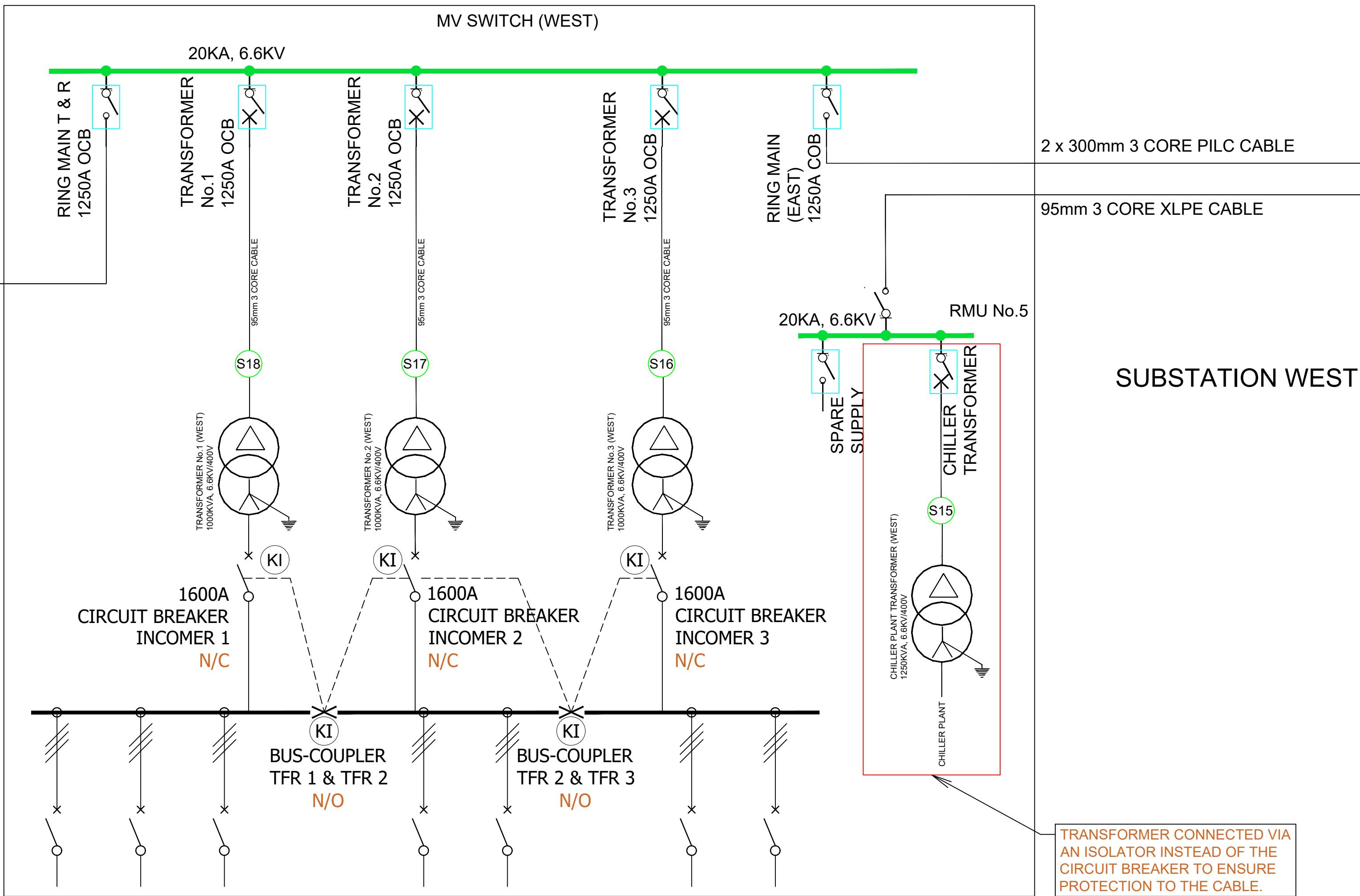
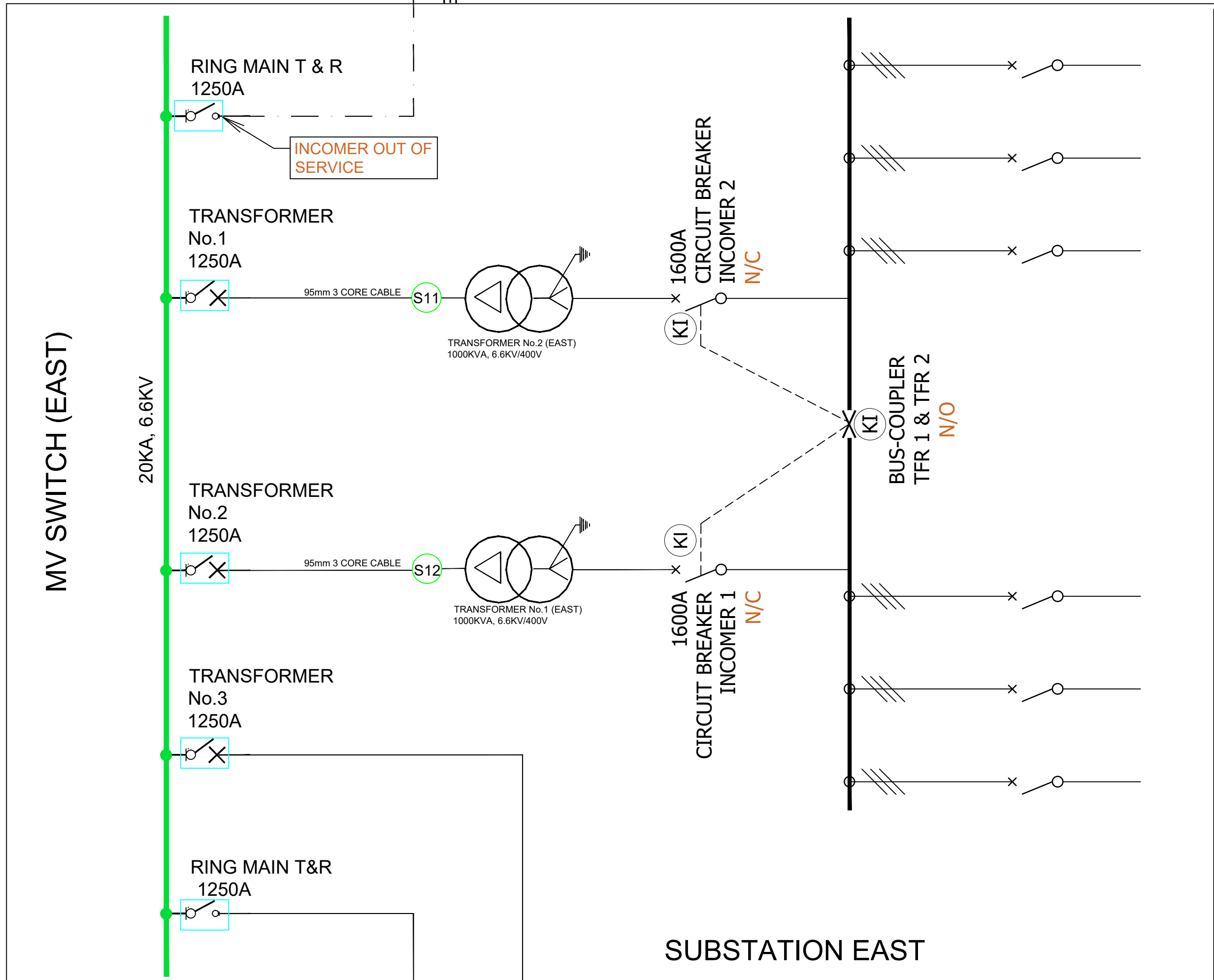
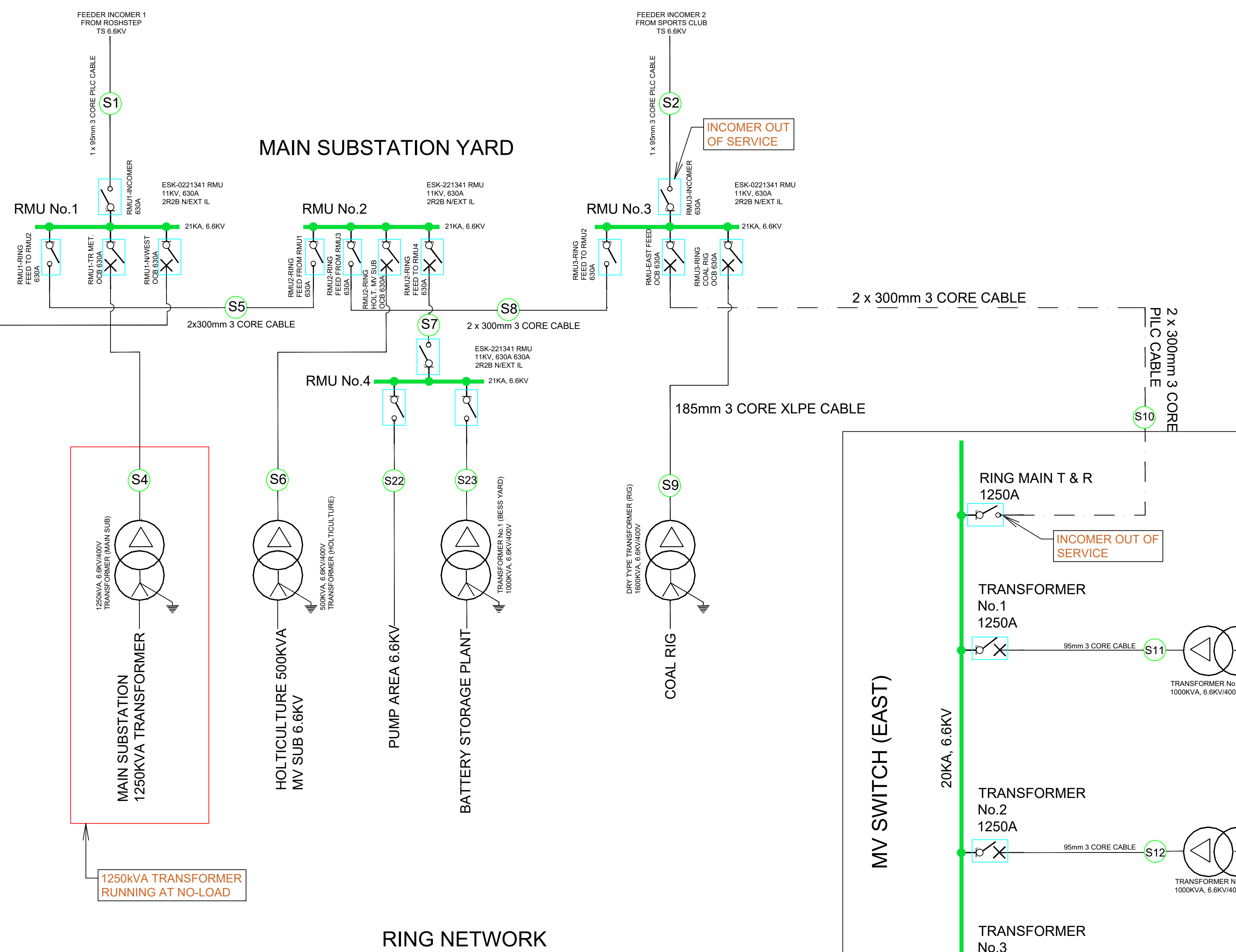
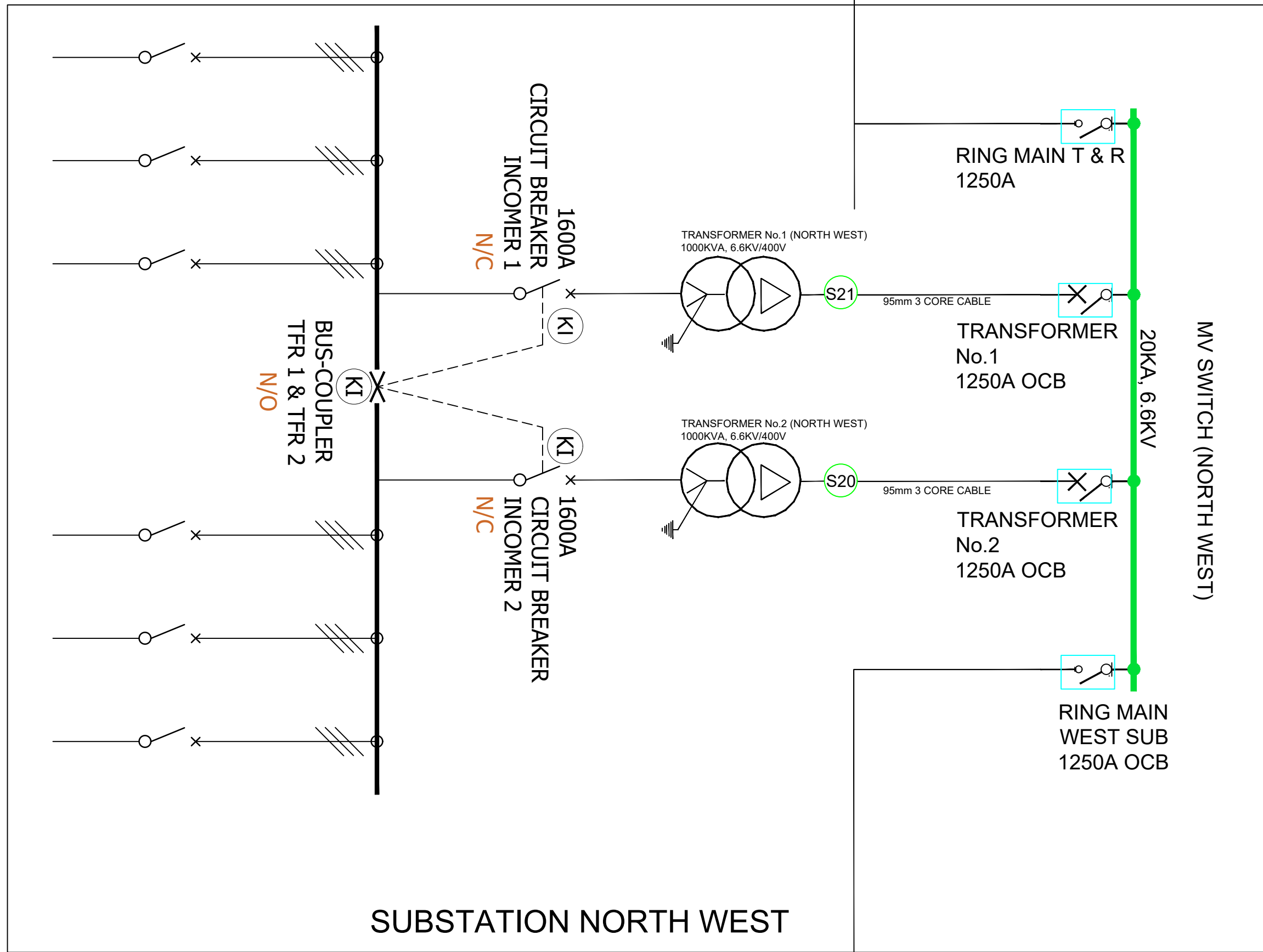


ISSUED FOR AS-BUILT ONLY

CABLE SCHEDULE					
CABLE	CABLE SIZE	CABLE RATING	CABLE TYPE	FEED FROM	FEED TO
S1	95mm 3C	11/6.4KV	PILC	ROTHSTEP	RMU 1
S2	95mm 3C	11/6.4KV	PILC	SPORTS CLUB	RMU 3
S3	2x300mm 3C	11/6.4KV	PILC	RMU 1	N/W MV PANEL RING ISO
S4	95mm 3C	11/6.4KV	PILC	RMU 1	MAIN SUB 1.25MVA TX
S5	2x300mm 3C	11/6.4KV	PILC	RMU 1	RMU 2
S6	95mm 3C	11/6.4KV	XLPE	RMU 2	HOTLIC. MV MINI SUB
S7	75mm 3C	11/6.4KV	XLPE	RMU 2	RMU 4 BESS/6.6KV PUMPS
S8	95mm 3C	11/6.4KV	PILC	RMU 2	RMU 3
S9	185mm 3C	11/6.4KV	XLPE	RMU 3	COAL RIG 1.6MVA TX
S10	2x300mm 3C	11/6.4KV	PILC	RMU 3	EAST MV SWITCH RING ISO
S11	95mm 3C	11/6.4KV	PILC	EAST MV SWITCH TX1 OCB	EAST 1MVA TX1
S12	95mm 3C	11/6.4KV	PILC	EAST MV SWITCH TX2 OCB	EAST 1MVA TX2
S13	2x300mm 3C	11/6.4KV	PILC	EAST MV SWITCH RING WEST	WEST MV SWITCH RING ISO
S14	95mm 3C	11/6.4KV	XLPE	EAST MV SWITCH TX3 OCB	WEST RMU 5
S15	95mm 3C	11/6.4KV	XLPE	WEST RMU 5	WEST 1.25MVA TX4
S16	95mm 3C	11/6.4KV	PILC	WEST MV SWITCH TX3 OCB	WEST 1MVA TX3
S17	95mm 3C	11/6.4KV	PILC	WEST MV SWITCH TX2 OCB	WEST 1MVA TX2
S18	95mm 3C	11/6.4KV	PILC	WEST MV SWITCH TX1 OCB	WEST 1MVA TX1
S19	2x300mm 3C	11/6.4KV	PILC	WEST MV SWITCH RING N.W	N.W MV SWITCH RING ISO
S20	95mm 3C	11/6.4KV	PILC	N.W MV SWITCH TX2 OCB	N.W 1MVA TX2
S21	95mm 3C	11/6.4KV	PILC	N.W MV SWITCH TX1 OCB	N.W 1MVA TX1
S22	-	11/6.4KV	-	RMU 4	6.6KV PUMPS
S23	70mm 3C	11/6.4KV	XLPE	RMU 4	BESS 1MVA TX



MV RETICULATION SCHEMATIC

LEGEND	
SYMBOL	DESCRIPTION
	RACK-OUT CIRCUIT BREAKER
	RACK-OUT ISOLATOR
	MOULDED CASE CIRCUIT BREAKER OR MINIATURE CIRCUIT BREAKER
	ISOLATOR
	FUSE BREAKER
	EARTH LEAKAGE
	ELECTRONIC METER
	SURGE PROTECTION
	EARTH LEAKAGE
	LED INDICATOR (RED/WHITE/BLUE)
	CHANGEOVER CONTROLLER DEEP SEA
N/C	DENOTES - NORMALLY CLOSED
N/O	DENOTES - NORMALLY OPENED
	KEY INTERLOCK
	TRANSFORMER RATING AS INDICATED
	GENERATOR SET RATING AS INDICATED
---	SUPPLY OUT OF SERVICE
	RING MAIN UNIT OR MV SWITCH DETAILS/ RATING AS INDICATED

Rev	Date	Description	Rev by	ELECTRICAL ENGINEERS	ELECTRICAL CONTRACTORS	CLIENT	PROJECT	DRAWN:	CHECKED	M.SIGONYA	SCALE:		
							ESKOM - RESEARCH, TESTING AND DEVELOPMENT	<u>N. MOFELE</u>	<u>ENGINEER/TECH.:</u>	<u>SIGNATURE.:</u>	<b>NTS</b>		
									DRAWING TITLE		<b>APPROVED</b>	M.HAVIRE	<b>PROJECT No.</b>
									SINGLE LINE DIAGRAM:MV RETICULATION SCHEMATIC		<u>ENGINEER/TECH.:</u>	<u>SIGNATURE.:</u>	228
0	20/12/2024	AS-BUILT PURPOSES ONLY	N.M					<b>DATE:</b> 2024-09-11			<b>DRWG No.</b> 228-EE-2024-01	Rev: <b>0</b>	