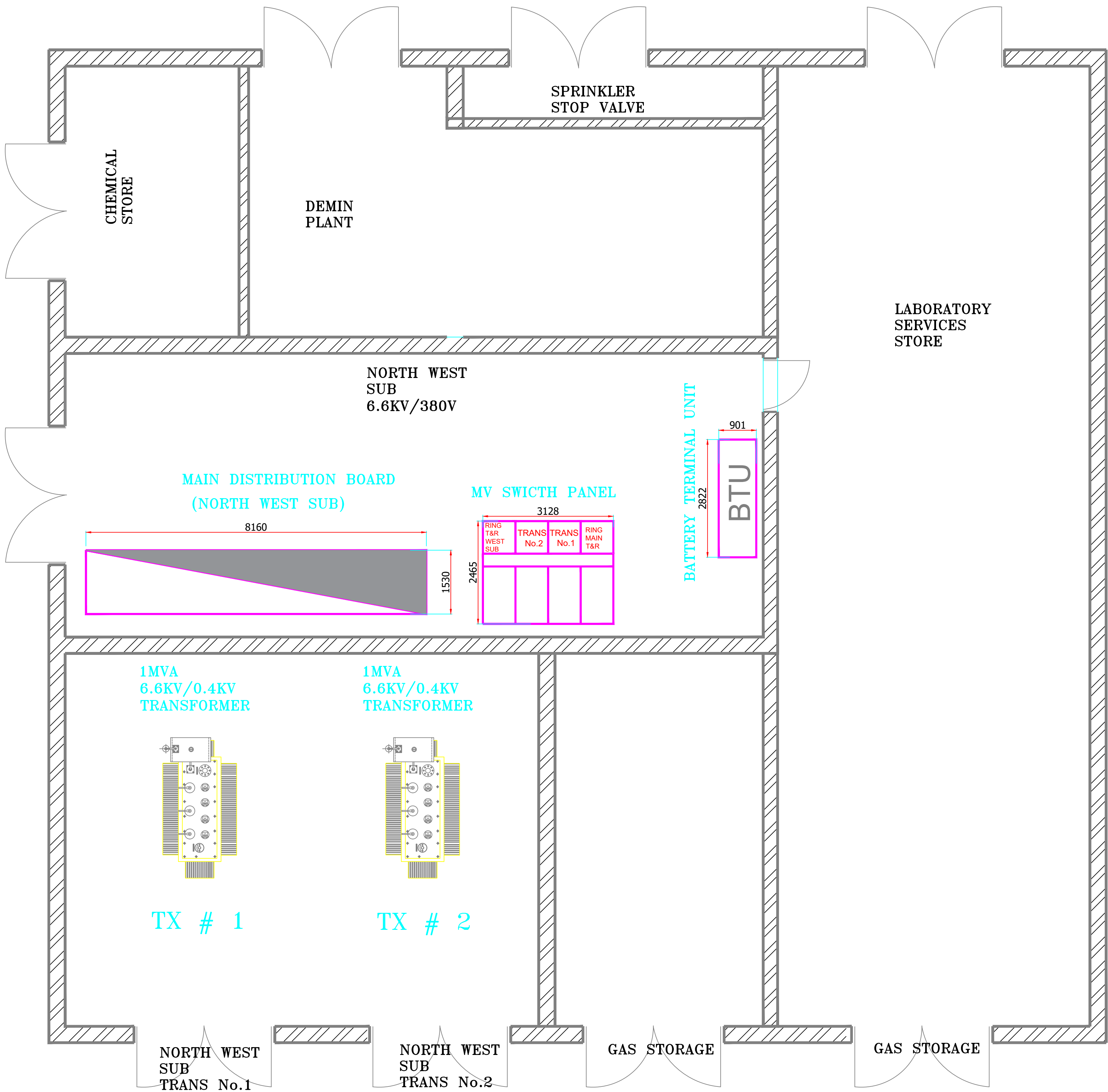


ISSUED FOR AS-BUILT ONLY



SUBSTATION NORTH WEST EQUIPMENT SCHEDULE					
MV SWITCH PANEL EAST					
TIER NUMBER	DESCRIPTION	RATED VOLTAGE	IMPULSE VOLTAGE WITHSTAND LEVEL	RATED CURRENT	SHORT CIRCUIT BREAKING CURRENT
1	TIER 1 - RING MAIN T&R ISOLATOR	12KV	12KV	1250A	20KA
2	TIER 2 TRANSFORMER No.1 OCB	12KV	12KV	1250A	20KA
3	TIER 3 TRANSFOMER No.2 OCB	12KV	12KV	1250A	20KA
4	TIER 4 RING T&R WEST SUB ISOLATOR	12KV	12KV	1250A	20KA

	SUBSTATION NORTH WEST EQUIPMENT SCHEDULE				
	TRANSFORMERS				
TRANSFORMER	TRANSFORMER RATING	INPUT (MV) VOLTAGE	OUTPUT (LV) VOLTAGE	RATED CURRENT	POWER FACTOR
TRANSFORMER No.1	1000KVA	6,6KV	400V	1500A	0,8
TRANSFORMER No.2	1000KVA	6,6KV	400V	1500A	0,8

SUBSTATION NORTH WEST EQUIPMENT SCHEDULE					
NORTH WEST MAIN DISTRIBUTION BOARD AND BATTERY TERMINAL UNIT					
ITEM	DESCRIPTION	RATED VOLTAGE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
1	MAIN DISTRIBUTION BOARD (NORTH WEST)	400V	8160mm	900mm	2100mm
2	BATTERY TERMINAL UNIT (WEST)	230V	1660mm	530mm	2100mm

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>1:40</b>		
									DRAWING TITLE		<b>APPROVED</b>	M.HAVIRE	PROJECT No.
									NORTH WEST SUB - EQUIPMENT LAYOUT		<u>ENGINEER/TECH.:</u>	<u>SIGNATURE.:</u>	228
0	10/09/2024	AS-BUILT PURPOSES ONLY	N.M					DATE: 2024-09-11			DRWG No. 228-EE-2024-04	Rev: 0	