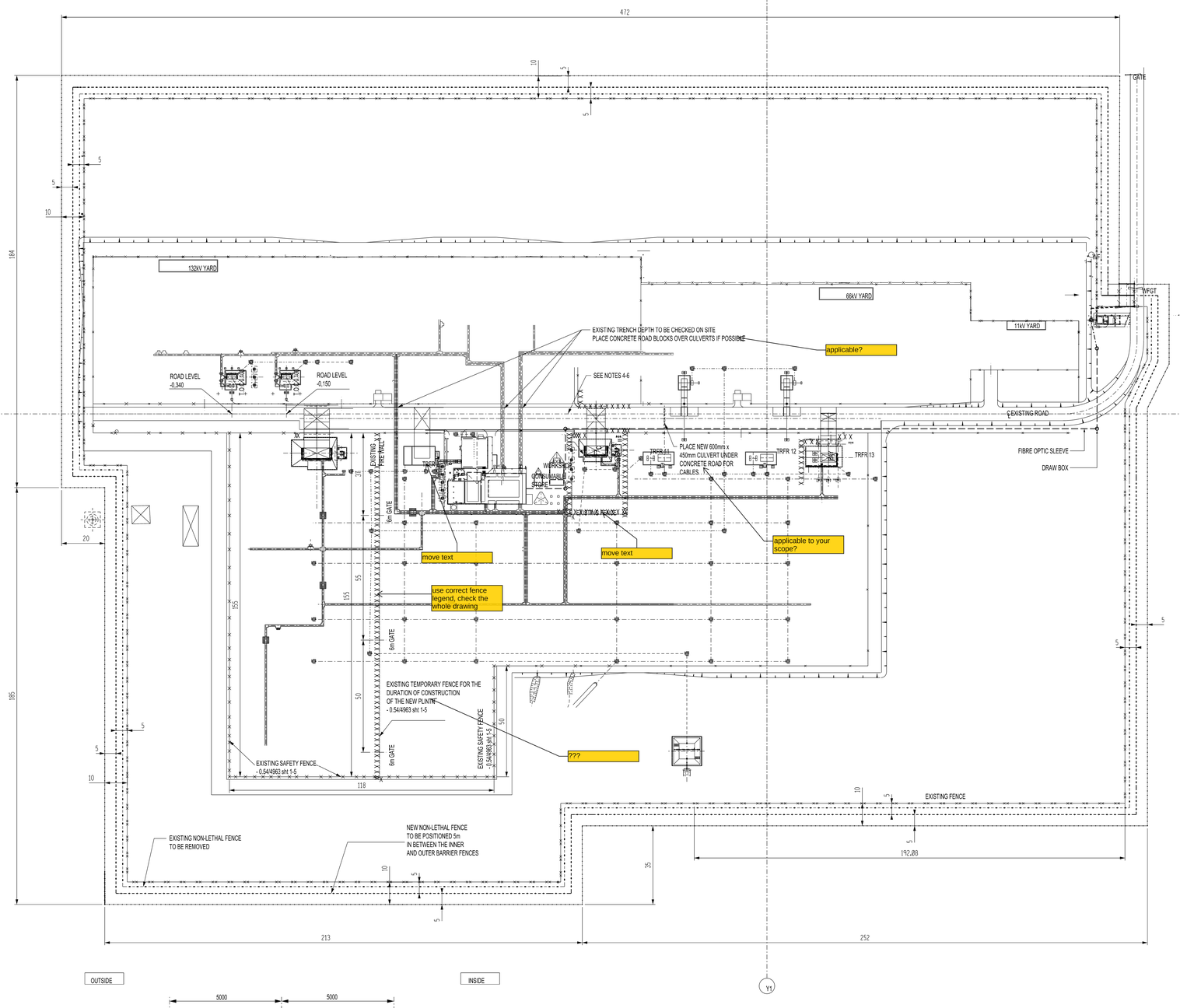
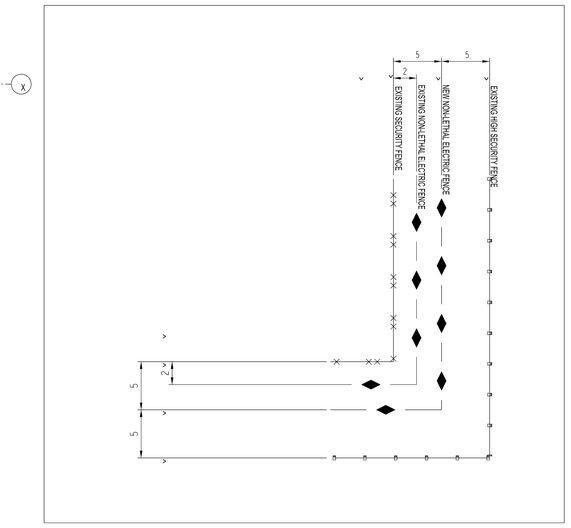
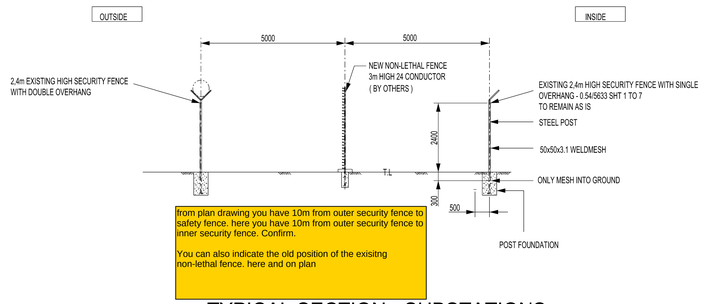


LEGEND:

HIGH SECURITY FENCE (OUTER FENCE) 0.54/8725 sht 1 and 2	1680 m
NON-LETHAL ELECTRIC FENCE 0.54/8282	1632 m
SECURITY FENCE (INNER FENCE) 0.54/5633 sht 1-4 and 0.54/6597	1615 m
SAFETY FENCE 0.54/4963 sht 1-5	
FIBRE OPTIC SLEEVE 0.53/2129	565 m
SLIDING GATES 0.54/10230 sht 1-6	



ENLARGED FENCING (TYPICAL)



TYPICAL SECTION - SUBSTATIONS

REFERENCE

0.53/2129	FIBRE OPTIC SLEEVE
0.54/390 SHT. 42b	ROAD CROSSING REPAIR
0.54/390 SHT. 1	MANHOLE
0.54/393 SHT. C1 TO C9	EARTHING STANDARDS
0.54/5633	SECURITY FENCE (INSIDE) AND OVERHANG
0.54/10230 SHT. 1 TO 6	ACCESS GATE
PEM25P19-SE-E47 SHT. 1 TO 7	ACCESS CONTROL BUILDING
0.54/8282	NON-LETHAL FENCE DETAILS
0.54/8725 SHT. 1 & 2	HIGH RISK SECURITY FENCE DETAILS
240-76980848	NON-LETHAL FENCE SPECIFICATION
240-76368574	HIGH RISK SECURITY FENCE SPECIFICATION (OUTSIDE)
PEM25P19-SE-E43 SHT. 1 TO 3	SECURITY LIGHTS

NOTES :

1. REFER TO DRAWING 0.54/5683 FOR DETAILS OF STANDARD SECURITY FENCE.
2. MAKE PROVISION FOR 3 x 1,0m GATES ON INNER FENCE,POSITION TO BE INDICATED ON SITE.
3. ANTI - TUNNELING TO BE INSTALLED UNDER HIGH SECURITY FENCE.
4. EXISTING NON-LETHAL FENCE TO BE REPLACED COMPLETE NEW NON-LETHAL WITH FENCE.
4. INSTALL A FIBRE OPTIC SLEEVE PIPE WITH DRAW BOXES IN ACCORDANCE TO 0.53/2129 AS SHOWN ON LAYOUT . YARDSTONE TO BE REMOVED 1m ON OTHER SIDE OF EXCAVATION AND REPLACE AFTER BACKFILLING AND COMPACTION TO A THICKNESS OF 100mm AND FREE FROM SOIL

is 1 and 2 applicable to this scope?

numbering?

DETAILED DESIGN
NOT FOR CONSTRUCTION

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
0	FIRST ISSUE					

APPROVED BY
DATE
CHECKED BY: A. MAYET
DATE: 19/05/2025
DRAWN BY: N. GWALA
DATE: 13/03/2024
SCALE: 1:750

Eskom
ESKOM HOLDINGS LIMITED
REG No 2002/015527/30

PEMBROKE
400kV YARD EXTENSION
SAFETY & SECURITY FENCE LAYOUT AND DETAILS

SHEET NUMBER	REVISION
PEM25P19-SE-D14	0

SIZE: A0L