

NOTE

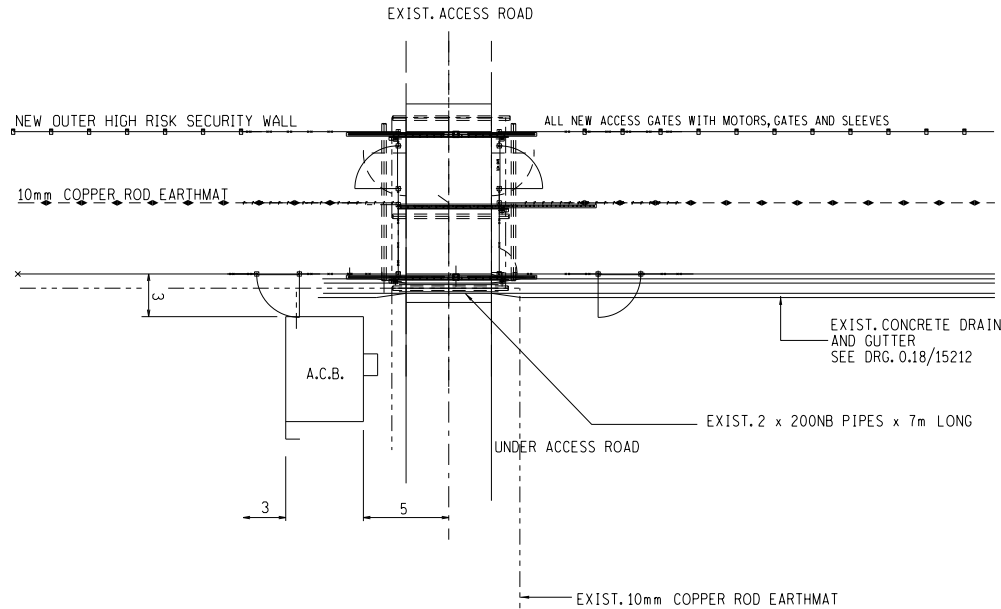
ALL ACCESS GATES MUST BE REMOVED AND SPOILED. PROCEED TO CLOSE EXISTING OUTER SECURITY GATE SECTION WITH HIGH SECURITY WALL. UPGRADE NON LETHAL AND INNER FENCE GATES AT SECTION ACCORDING TO DRG No. 054/10230 sht 1 TO 6. THE GATES MUST BE NON MOTORISED

INSTALL A FIBRE OPTIC SLEEVE WITH DRAW BOXES SEE DRG. 0.53/2129
DRAW BOX INSTALLED EVERY 30m SEE DRG. 0.53/2129

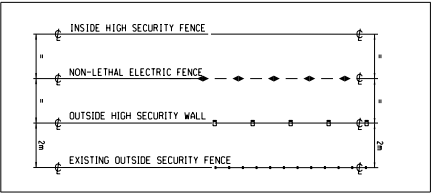
EXISTING ACB TO BE DEMOLISHED

9 m CONCRETE ROAD

DETAIL OF ACCESS AREA INCLUDING EARTHING



FENCING LAYOUT



GENERAL NOTES

1. ALL WORK TO BE IN ACCORDANCE WITH SANS 1200 SPECIFICATIONS AND NATIONAL PREAMBLE OF TRADES.
2. THIS DRAWING TO BE READ IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS MENTIONED - SEE REFERENCE

REFERENCE

- | | |
|----------------------------|--|
| 0.53/2129 | FIBRE OPTIC SLEEVE |
| 0.54/390 SHT.1 | MANHOLE |
| 0.54/390 SHT.42b | ROAD CROSSING REPAIR |
| 0.54/390 sht.55b | BRICK RETAINING WALL |
| 0.54/393 SHT.C1 TO C9 | EARTHING STANDARDS |
| 0.54/5633 | SECURITY FENCE (INSIDE) AND OVERHANG |
| 0.54/10230 SHT.1 - 6 | ACCESS GATE |
| 0.54/7515 REV.6 SHT.2 - 10 | ACCESS CONTROL BUILDING |
| 0.54/8282 | NON-LETHAL FENCE DETAILS |
| 0.54/8725 SHT.1 & 2 | HIGH RISK SECURITY FENCE DETAILS |
| 240-75883230 | STEEL REFURBISHMENT SPECIFICATION |
| 240-78980848 | NON-LETHAL FENCE SPECIFICATION |
| 240-76368574 | HIGH RISK SECURITY FENCE SPECIFICATION (OUTSIDE) |
| LEP22P09-SE-E35 | ACCESS CONTROL GENERAL ARRANGEMENT |
| LEP22P09-SE-E43-01 | SECURITY LIGHTS |

OUTER FENCE

A NEW HIGH RISK SECURITY FENCE ACCORDING TO THE ESKOM SPECIFICATION 240-76368574 MUST BE INSTALLED 1m TO THE INSIDE OF THE EXISTING OUTER FENCE AS SHOWN IN THE ELEVATION. THE SPECIFICATION IS DETAILED ON DRG. 0.54/8725 SHT.1 & 2 THE DOUBLE OVERHANG OF THE HIGH RISK FENCE IS DETAILED ON DRAWING 0.54/5633 SHT.3

AFTER THE CONSTRUCTION OF THE NEW FENCE, THE EXISTING FENCE MUST BE REMOVED COMPLETELY AND SPOILED.

ACCESS CONTROL BUILDING

THE EXISTING GUARDHOUSE BUILDING, SCREEN WALLS AND CONCRETE SLABS MUST BE DEMOLISHED AND SPOILED.

BUILD A NEW ACCESS CONTROL BUILDING IN ACCORDANCE WITH THE GENERAL ARRANGEMENT DRAWING MAK19P03-SE-E47

FIBRE OPTIC SLEEVE PIPE ROUTE

INSTALL A FIBRE OPTIC SLEEVE PIPE WITH DRAW BOXES IN ACCORDANCE WITH 0.53/2129 AS SHOWN ON THE LAYOUT YARDSTONE TO BE REMOVED 2m ON EITHER SIDE OF EXCAVATION AND REPLACED AFTER BACKFILLING AND COMPACTION TO A THICKNESS OF 100mm AND FREE FROM SOIL.

SCOPE OF WORK

INNER FENCE

REMOVE THE FOUR STRANDS OF BARBED WIRE ON THE SINGLE OVERHANG AND REPLACE AS SPECIFIED ON DRG. 0.54/5633 sht.3 NOTE 1. REMOVE THE 2,4m HIGH WELDMESH AND REPLACE ACCORDING TO STANDARD 054/5633. ALL THE POSTS, STAYS AND OVERHANG MEMBERS MUST BE PAINTED. SURFACE PREPARATION, COATING APPLICATION PROCEDURES AND GUARENTEES MUST BE IN ACCORDANCE WITH ESKOM SPECIFICATION 240-75883230 PAGES 12 TO 16. THE POST OR STAY MUST BE OPENED UNTIL THE CONCRETE IS EXPOSED. REMOVE THE RUST STAINS WITH STEEL WOOL. CARE MUST BE TAKEN NOT TO DAMAGE THE GALVANISING.

NON-LETHAL FENCE

THE NON-LETHAL FENCE COMPLETE INCLUDING THE PROTECTION SLAB MUST BE REMOVED AND SPOILED. A TOTAL NEW NON-LETHAL FENCE IN ACCORDANCE WITH ESKOM SPECIFICATION 240-78980848 MUST BE INSTALLED. THE WORK TO BE DONE BY THE CIVIL CONTRACTOR IS LIMITED TO THE CONCRETE AND POSTS. THE DETAILS ACCORDING TO THE SPECIFICATION IS ON DRAWING 0.54/8282

OUTER FENCE

KEEP OUTER SECURITY FENCE. ALLOW A 2m WORKING DISTANCE FROM EXISTING OUTER FENCE AND INSTALL HIGH SECURITY WALL ACCORDING TO STANDARD 054/5846.

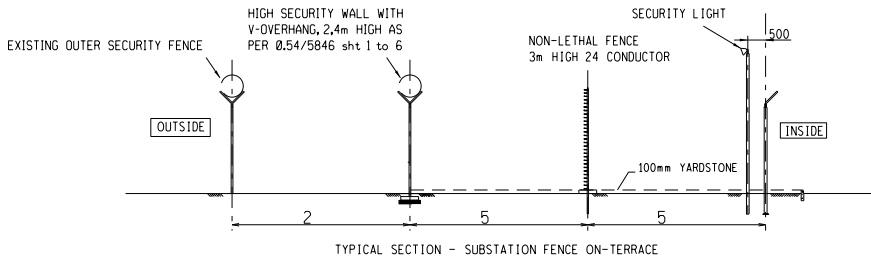
ACCESS GATES


THE ACCESS GATES MUST BE REMOVED COMPLETELY AND SPOILED. NEW ACCESS GATES (WITHOUT POST IN THE MIDDLE) ACCORDING TO DRAWING 0.54/10230 SHT.1 TO 6 MUST BE INSTALLED COMPLETE WITH GATE MOTORS, GATES AND SLEEVES AS SHOWN

DRAINAGE

ALL DRAINAGE SYSTEMS ALONG PERIMETER FENCE MUST BE CLEARED OF DEBRIS AND REFURBISHED ALL WATER OUTLETS AND CULVERTS SHOULD BE UNBLOCKED AND CLEARED OF DEBRIS UNCLUG ALL HEADWALLS AND INSTALL STILLING BASINS ACCORDING TO 0.54/390 sht.13 INSTALL STONE PITCHING AT ALL WATER OUTLETS TO REDUCE SCOURING

THE GRASS MUST BE RE-INSTATED AFTER CONSTRUCTION WITH GRASS / GEL MIXTURE
SEED MIX:- DIGITARIA ERIJANTHA (SMITS VINGER) - 8kg/ha.
CHLORIS CYANHA (RHODES GRASS) - 8kg/ha.
CYNODON DACTYLON - 8kg/ha.



REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
APPROVED BY	 Eskom Holdings SOC Ltd Reg No 2002/015527/30					
CHECKED BY	LEP INI					
DATE	BARRIER FENCE LAYOUT					
DRAWN BY	GENERAL UPGRADE					
DATE	LEP22P09-SE-E43					
SCALE	AS SHOWN	SHEET NUMBER		REVISION		
		1		0		