



LEGEND

- PIPE OUTLET STRUCTURE - FOR DETAILS SEE DRG 0.54/390 SHT 13
- DRAINAGE PIPE
- UNLINED GRASSED OPEN DRAIN 0.54/390 SHT 10
- NEW SAFETY FENCE 1.8m HIGH 0.54/4963
- EXISTING SECURITY FENCE 2.4m 0.54/5633 SHT 2-7
- NON-LETHAL FENCE BY OTHER
- NEW HIGH SECURITY FENCE 2.4m HIGH

TYPICAL ELEVATION ON BARRIER FENCE UPGRADE SYSTEM

NOTES

- ALL SHRUBS AND BUSHES TO BE REMOVED. NO GRASS COVERING TO BE REMOVED - BUT TO BE CUT.
- ALL GRASSING TO BE DONE WITH GRASS/CEL MIXTURE SEED MIX : ERRAGROSTIS TEFF - 8kg/ha AND NATURAL GRASS ERRAGROSTIS CURVULA - 8kg/ha CYNODON DACTYLON - 8kg/ha
- ALL GRASSED AREAS SHALL BE ADEQUATELY WATERED AT REGULAR AND FREQUENT INTERVALS TO ENSURE PROPER GERMINATION OF SEEDS AND GROWTH OF GRASS
- DESIGNATED AREA TO BE LANDSCAPED, TOPSOIL PLACED LEVEL TO SLOPE TOWARDS OPEN DRAIN AND AREA GRASSED
- NEW WING WALL AS PER DTL 0.54/390 SHT 13c WITH ANTI-INTRUSION GRID AS PER DTL 0.54/390 SHT 13c
- MAKE ALLOWANCE FOR 3X3m SWING GATES FOR ALL THREE FENCES

SCOPE OF WORK

- INNER FENCE**  
REMOVE THE FOUR STRANDS OF BARBED WIRE ON THE SINGLE OVERHANG AND REPLACE AS SPECIFIED ON DRG No 0.54/5633 SHT 3  
REMOVE THE 2.4m WELDMESH AND REPLACE ACCORDING TO STANDARD 0.54/5633  
ALL THE POSTS, STAYS AND OVERHANG MEMBERS MUST BE PAINTED  
SURFACE PREPARATION, COATING APPLICATION PROCEDURES AND GUARANTEES 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 DRG No 0.54/8282
- OUTER FENCE**  
HIGH RISK FENCE 240-76368574
- ACCESS GATES**  
THE ACCESS GATES MUST BE REMOVED COMPLETELY AND SPOILED  
A TOTAL NEW ACCESS GATES ACCORDING TO DRG No 0.54/10230 SHT 1 TO 6 MUST BE INSTALLED  
COMPLETE WITH GATE MOTORS, GATES AND SLEEVES AS SHOWN ON DRAWING
- FIBRE OPTIC SLEEVE PIPE ROUTE**  
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 EITHER SIDE OF EXCAVATION AND REPLACED AFTER BACKFILLING AND COMPACTION TO A THICKNESS OF 100mm
- EXISTING DRAINAGE OUTLETS**  
DEMOLISH AND SEAL OFF THE EXISTING OUTLET DRAINAGE DAYLIGHTING INTO RESIDENTIAL PROPERTY AND MAKE GROUND GOOD WITH G8 MATERIAL TO FILL VOIDS. ENSURE GROUND SLOPES TO NEW TRAPEZOIDAL DRAINAGE CHANNEL.

FINAL DESIGN  
FOR CONSTRUCTION

DETAIL X  
1:250

REV	REVISION DESCRIPTION	DRAWN	CHECKED	AUTH	DATE	REFERENCE DRAWINGS
APPROVED BY						
DATE 09-11-2022	Eskom Holdings SOC Ltd Reg No 2002/015521/30					
CHECKED BY	MINEVRA					
DATE 08/11/2022	HIGH SECURITY FENCE UPGRADE LAYOUT AND DETAILS					
DRAWN BY	MIN17P03-SE-E42					
DATE 08/11/2022	SHEET NUMBER 0					
SCALE AS SHOWN	0					