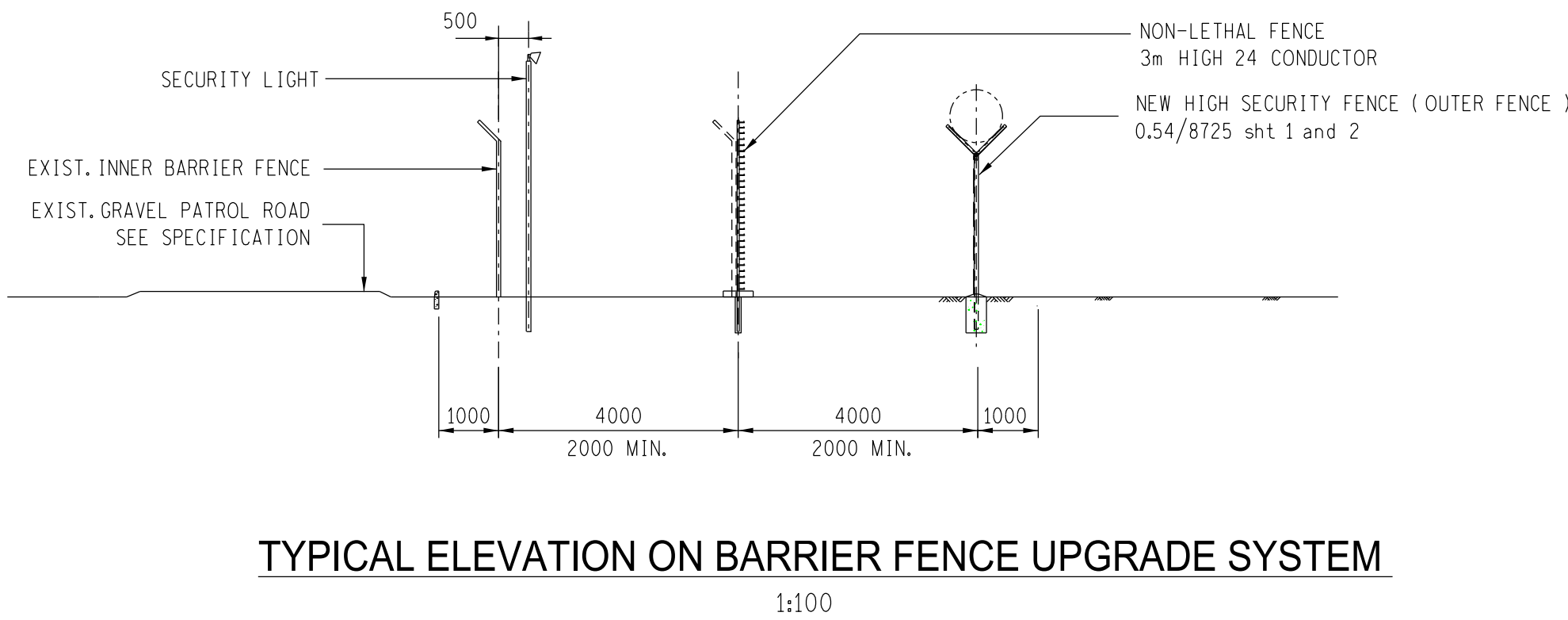
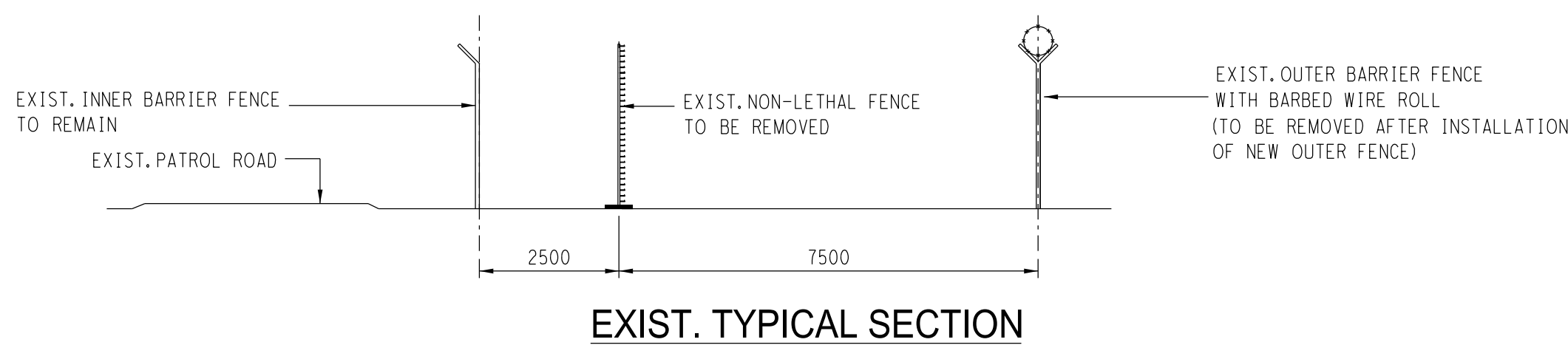


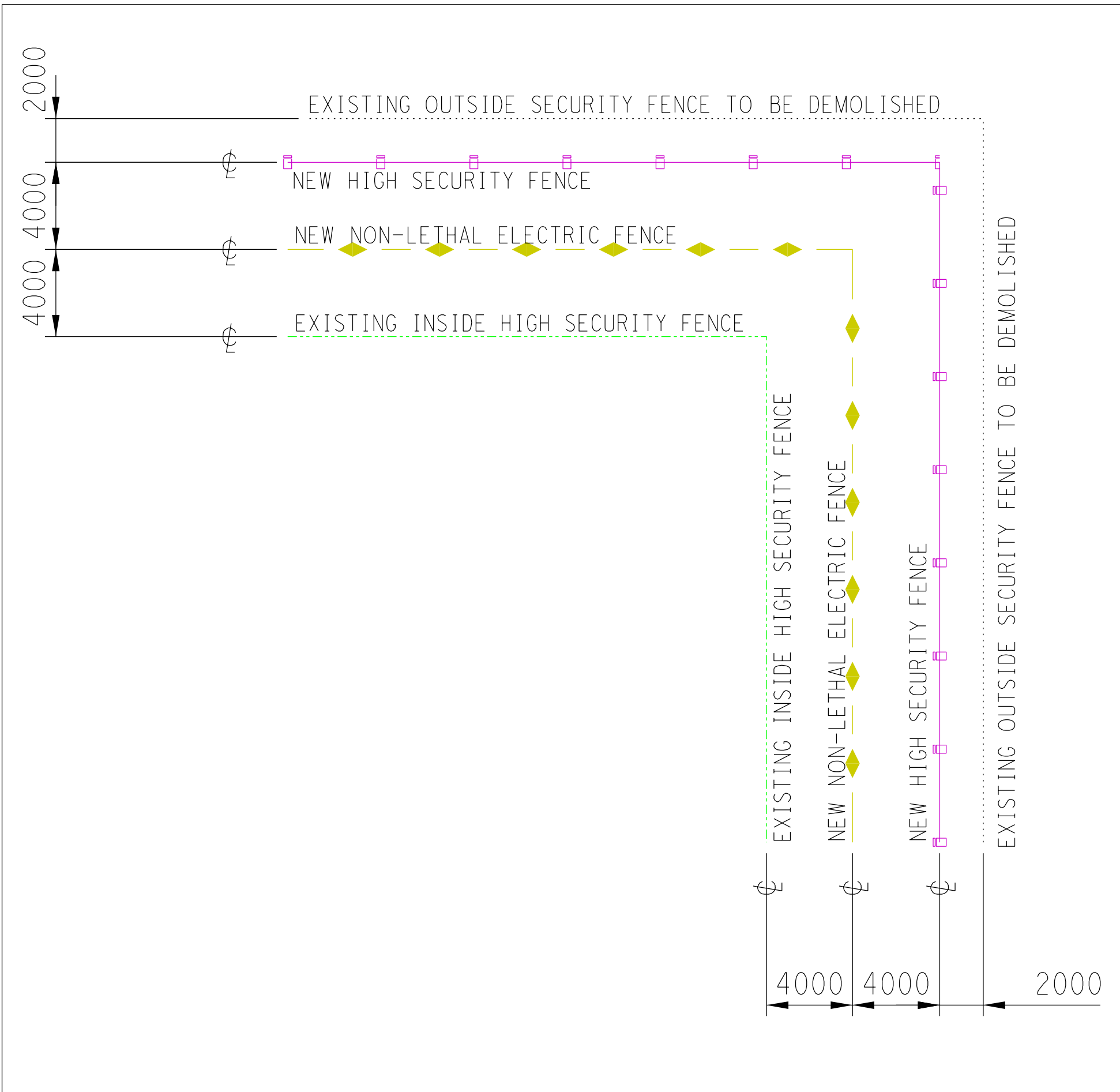
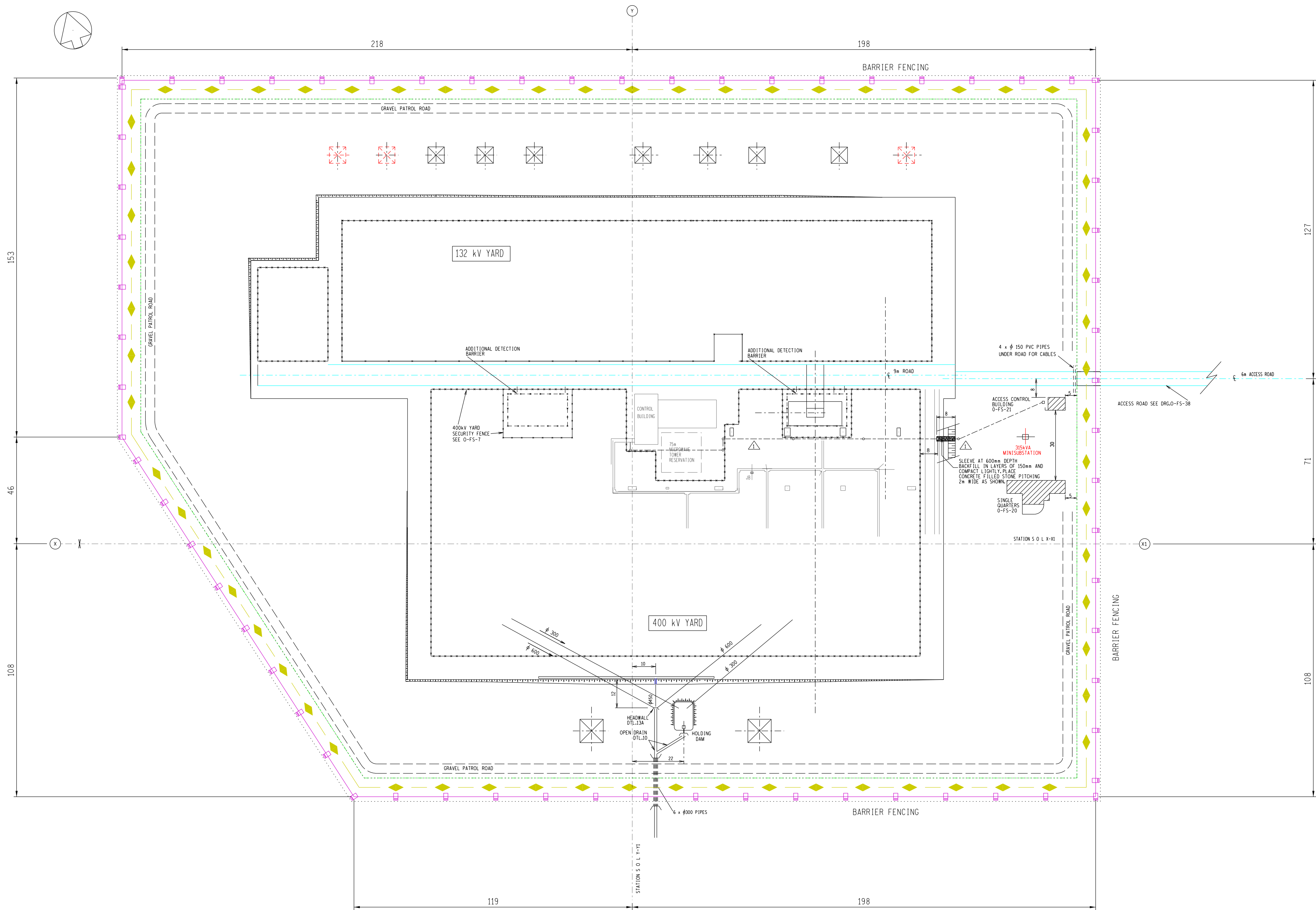
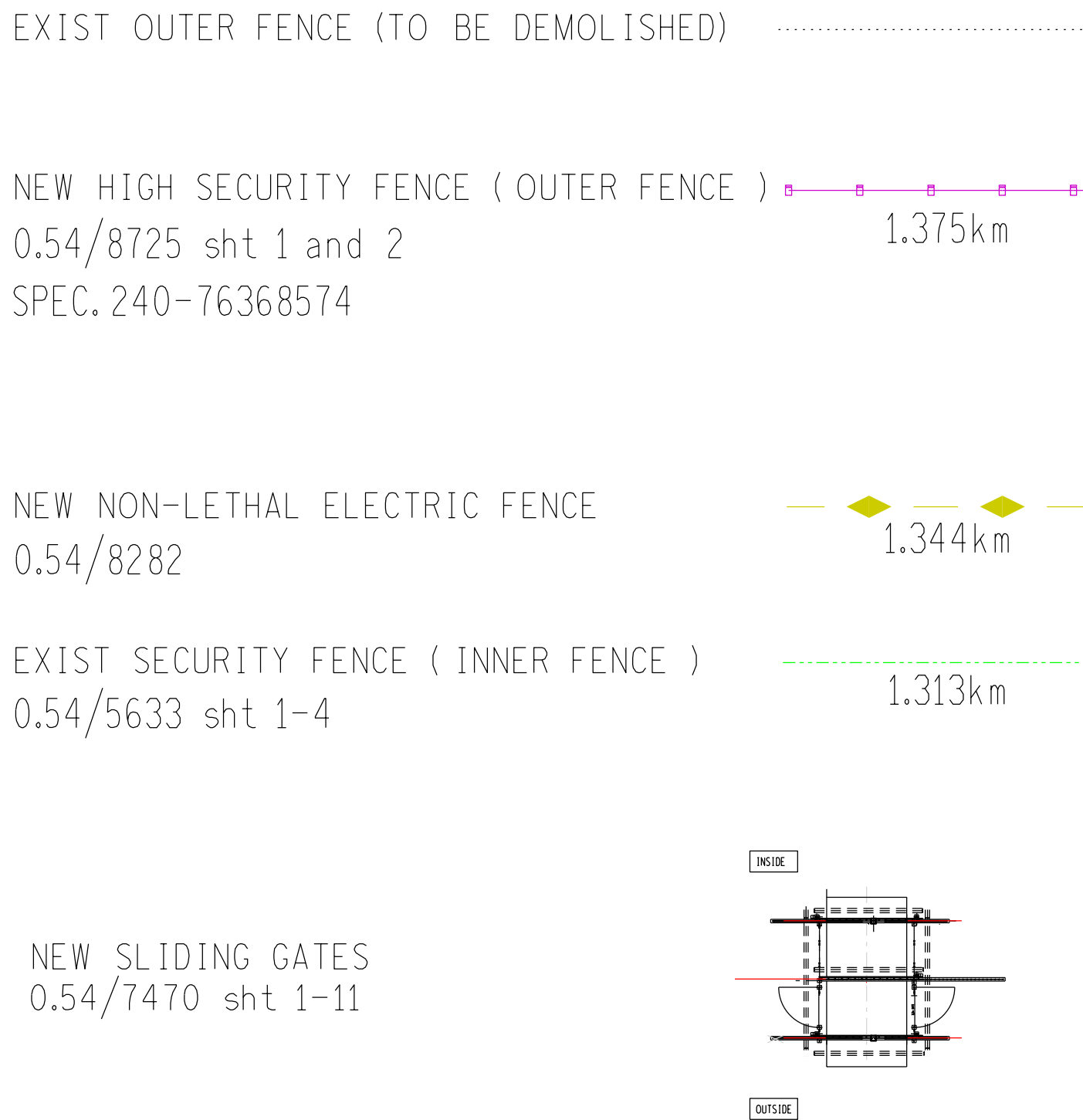
REFERENCE

0.54/390 ST.13C
0.54/390 SHT.1
0.54/390 SHT.8
0.54/390 SHT.10
0.54/390 SHT.13
0.54/390 SHT.42a
0.54/390 SHT.55b
0.54/390 SHT.72a
0.54/393 SHT. C1 TO C9
0.54/393 SHT.
0.53/2129
0.54/5633
0.54/5846 SHT.1
0.54/7470 SHT.1 -11
0.54/8282
240-75883230
240-78980848
THE22P02-SE-E39
THE22P02-SE-E43
THE22P02-SE-E47

SEC. BARS AT OUTLET
MANHOLE
CONCRETE CUTTER
GRASS LINED DRAIN
OUTLET HEADWALL AND STILLING BASIN
ROAD CROSSING REPAIR
BRICK RETAINING WALL
CONCRETE CUT-OFF DRAIN
EARTHING STANDARDS
YARDSTONE SPEC.
FIBRE OPTIC SLEEVE
SECURITY FENCE (INSIDE) AND OVERHANG
PRECAST CONCRETE WALL
ACCESS GATE
NON-LETHAL FENCE DETAILS
STEEL REINFORCEMENT SPECIFICATION
NON-LETHAL FENCE SPECIFICATION
ACCESS CONTROL GENERAL ARRANGEMENT
SECURITY LIGHTS
ACCESS CONTROL BUILDING



LEGEND:



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.
THE 2.4m HIGH WELDMESH FENCE MUST BE PAINTED, CUT AND CLEAR THE GRASS TO EXPOSE THE MESH TO THE BITUMEN PAINTED LEVEL.
SURFACE PREPARATION, COATING APPLICATION PROCEDURES AND GUARANTEES MUST BE IN ACCORDANCE WITH ESKOM SPECIFICATION 240-75883230 PAGES 12 TO 16.
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.
IF PART OF THE WELDMESH PANELS, A POST OR STAY IS FOUND TO BE RUSTED TO MORE THAN HALVE THE ORIGINAL THICKNESS, IT MUST BE REPLACED AS DETAILED IN DRAWING 0.54/5633.
AFTER SURFACE PREPARATION CLEAN MEMBER OR FENCE WITH PLASCON METALCARE GALVANISED IRON CLEANER.
APPLY ONE COAT PLASCON METALCARE GALVANISED IRON PRIMER.
APPLY TWO COATS PLASCON METALCARE SILVERSHINE ALUMINIUM ALLOW FOR 200m MESH REPLACEMENT

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

THE NEW OUTER FENCE WILL BE A PRECAST CONCRETE PANEL WALL IN ACCORDANCE WITH DRAWING 0.54/5846 SHT.1.
THE WALL WILL HAVE A V - OVERHANG WITH BARBED ROLL WIRE ACCORDING TO THE DRAWING
THE CONCRETE WALL MUST BE INSTALLED IN THE SAME POSITION AS THE EXISTING OUTER FENCE.
THE OUTER SECURITY FENCE MUST BE DEMOLISHED IN STAGES ACCORDING TO THE SECURITY RISK INSTRUCTIONS

STORMWATER CONTROL AND OUTLETS

INSTALL STORMWATER CONTROL MEASURES AS INDICATED ON THE LAYOUT

ACCESS GATES

THE ACCESS GATES MUST BE REMOVED COMPLETELY AND SPOILED.
A TOTAL NEW ACCESS GATES ACCORDING TO DRAWING 0.54/7470 SHT.1 TO 11 MUST BE INSTALLED COMPLETE WITH GATE MOTORS, GATES AND SLEEVES AS SHOWN ON DRAWING BER20P04-SE-E35

ACCESS CONTROL BUILDING

THE EXISTING GUARDHOUSE BUILDING MUST BE UPGRADED TO THE LATEST STANDARD 2011.

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.

VEGETATION


CLEAR VEGETATION TO 1.5m PAST FENCE 11m WIDE
LEVEL AND COMPACT INSITU
PLACE WEEDKILLER
PLACE YARDSTONE AS SPECIFIED

ACCESS CONTROL BUILDING

THE EXISTING GUARDHOUSE BUILDING MUST BE UPGRADED TO THE LATEST STANDARD 2011.

WALL OUTLETS

PLACE YARDSTONE AT EVERY OUTLET WHERE WATER EXIT THE WALL TO THE OUTSIDE.
SIZE TO BE 300m X 300mm LONG, THICKNESS TO BE 150mm MIN.

1	SLEEVE AND DRAWBOXES ADDED	DN	REV	24-2-2023	
0	FIRST REVISION	TPM			
REV	REVISION DESCRIPTION	DRAWN	CHKD	DATE	REFERENCE DRAWINGS
APPROVED BY	A. WAMEL	 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30	
DATE	3/2/2023				
CHECKED BY	A. WAMEL				
THESEUS					
DATE	3/2/2023				
DRAWN BY	T. MANANA				
DATE	17/01/2023				
BARRIER FENCE LAYOUT AND DETAILS					
SCALE	AS SHOWN	THE22P02-SE-42		SHEET NUMBER	REVISION
				0	1