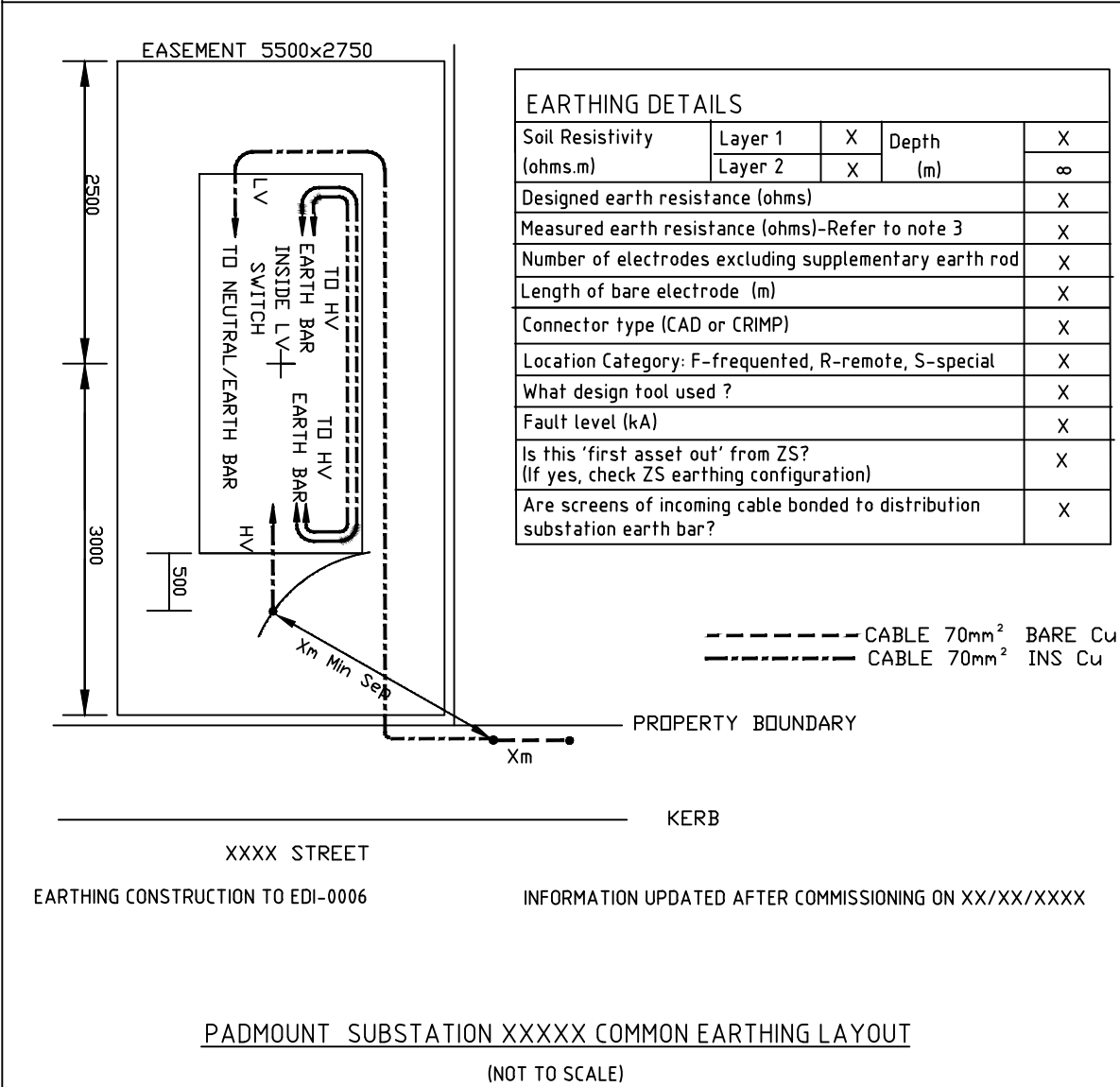


AMENDMENTS	
A	ORIGINAL ISSUE
B	
INCLUDED NEW DIAGRAMS AND NOTE	
C	
MINOR UPDATE	

- 1). Earthing information for multiple Padmount substations, switching stations, auto transformer installations and indoor substations will be provided in a similar format using same concept.
- 2). If asphalt layer is installed show the new easement.
- 3). Measured local earth system resistance value is not critical.
- 4). Refer to page 2.

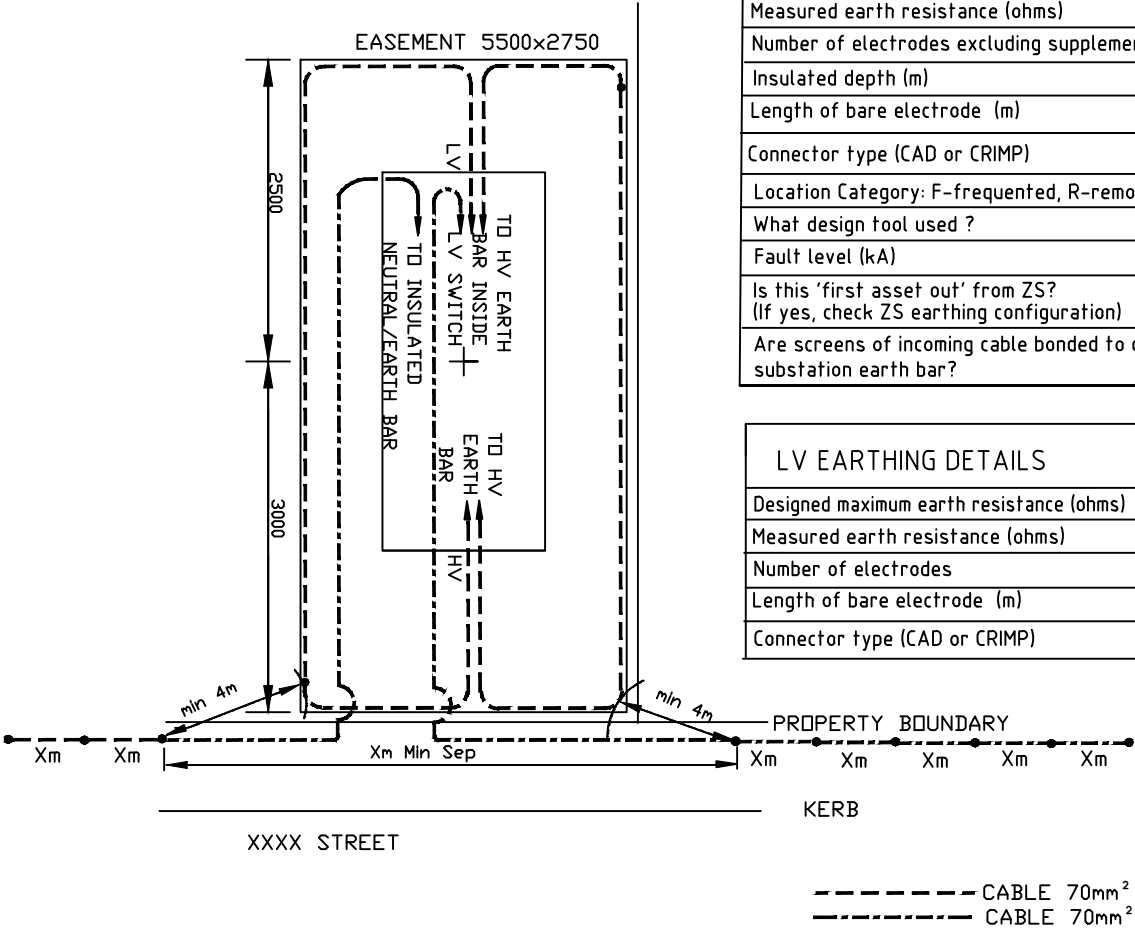
NOTES



EARTHING DETAILS				
Soil Resistivity (ohms.m)	Layer 1	X	Depth (m)	X
	Layer 2	X		∞
Designed earth resistance (ohms)				X
Measured earth resistance (ohms)-Refer to note 3				X
Number of electrodes excluding supplementary earth rod				X
Length of bare electrode (m)				X
Connector type (CAD or CRIMP)				X
Location Category: F-frequented, R-remote, S-special				X
What design tool used ?				X
Fault level (kA)				X
Is this 'first asset out' from ZS? (If yes, check ZS earthing configuration)				X
Are screens of incoming cable bonded to distribution substation earth bar?				X

----- CABLE 70mm² BARE Cu
----- CABLE 70mm² INS Cu

HV EARTH MIN'M SEPARATION (m)					
	Design	Actual		Design	Actual
TDMEN	X	X	TELECOM	X	X
TDB	X	X	PIPES	X	X
TDU	X	X	HV-LV	X	X



HV EARTHING DETAILS				
Soil Resistivity (ohms.m)	Layer 1	X	Depth (m)	X
	Layer 2	X		∞
Designed earth resistance limit (ohms)				X/X
Measured earth resistance (ohms)				X
Number of electrodes excluding supplementary earth rods				X
Insulated depth (m)				X
Length of bare electrode (m)				X
Connector type (CAD or CRIMP)				X
Location Category: F-frequented, R-remote, S-special				X
What design tool used ?				X
Fault level (kA)				X
Is this 'first asset out' from ZS? (If yes, check ZS earthing configuration)				X
Are screens of incoming cable bonded to distribution substation earth bar?				X

LV EARTHING DETAILS	
Designed maximum earth resistance (ohms)	X
Measured earth resistance (ohms)	X
Number of electrodes	X
Length of bare electrode (m)	X
Connector type (CAD or CRIMP)	X

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		DO NOT SCALE DIMENSIONS IN MILLIMETRES		J. Perera	ISSUE IDENTIFICATION	EDI-100
				MANAGER PRIMARY SYSTEMS		
				6-5-2011		
ORIGINAL SCALE NONE	APPROVED DW	FORMAT OF EARTHING INFORMATION ON PROJECT DRAWINGS		SUB	THIS ISSUE	
				358689		
				SHEET No OF SHEETS	PAGE NO.	1 OF 2
DRAWN	BPR.			INDEX REF		
DATE	16-5-2011					
CH'D	GA					