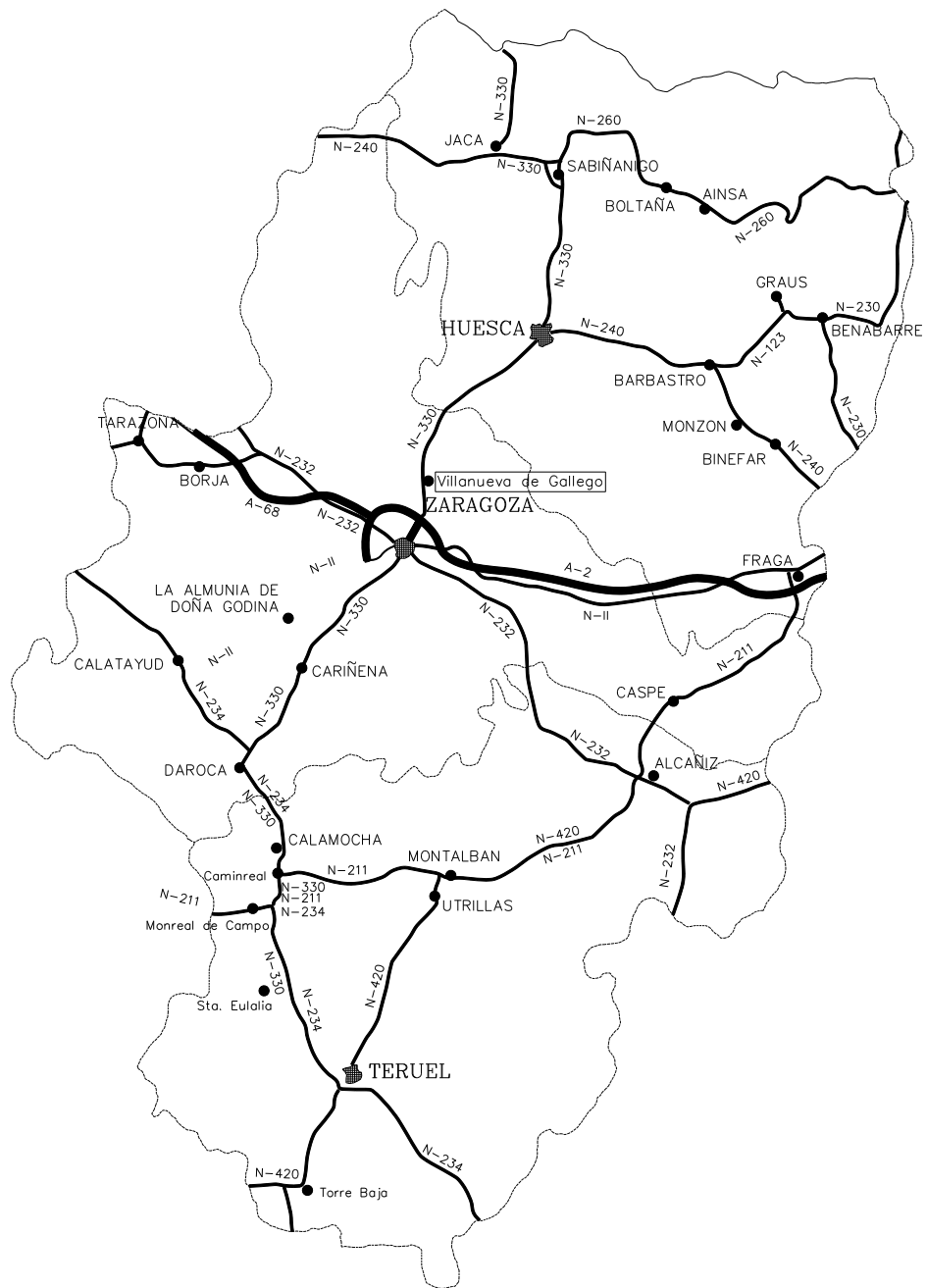




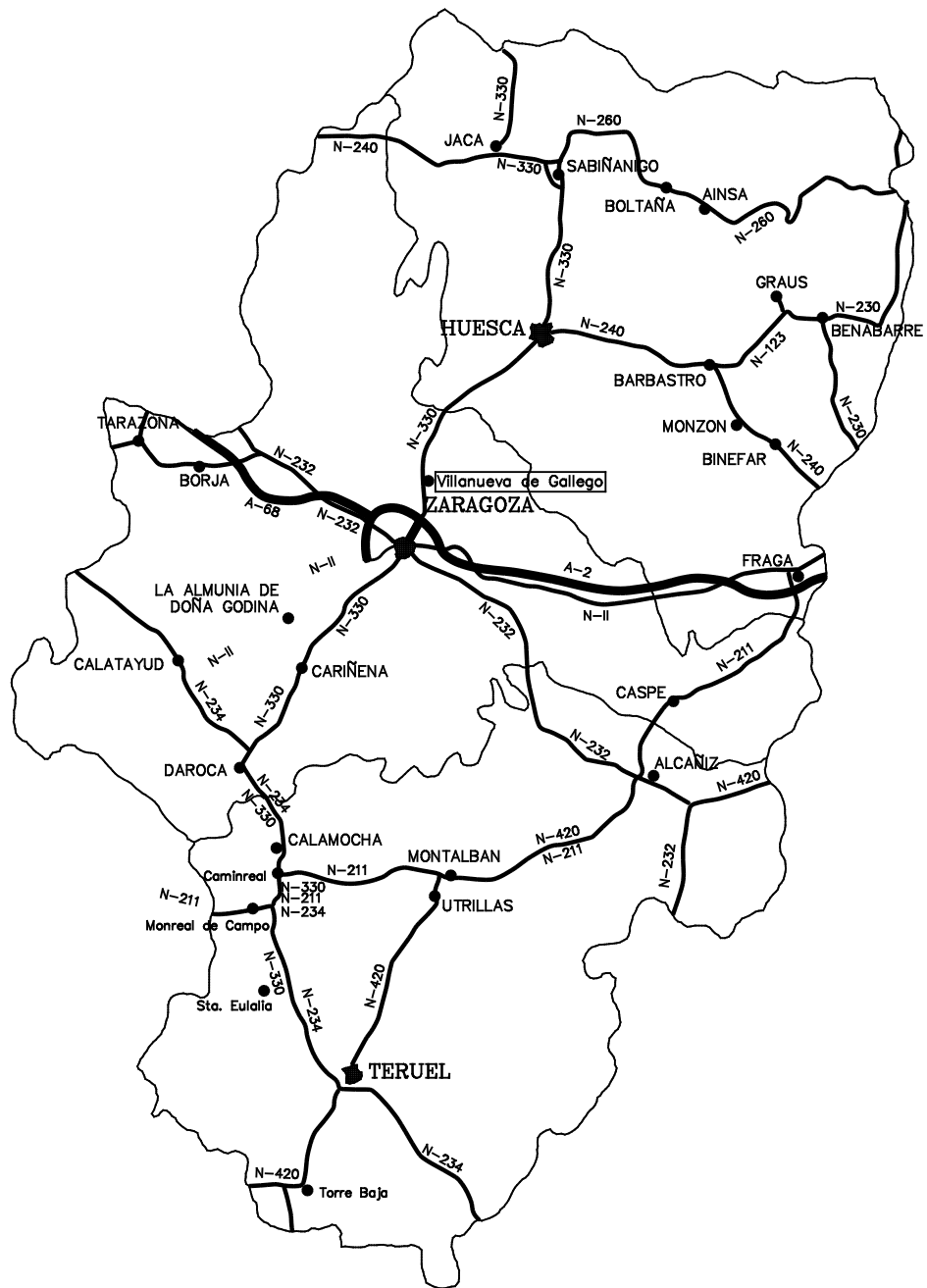
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	MAP OF ARAGON PLACE OF VILLANUEVA DE GALLEGO			Drawing: 1
1:350000				Page: 01
				Speciality: Electronics



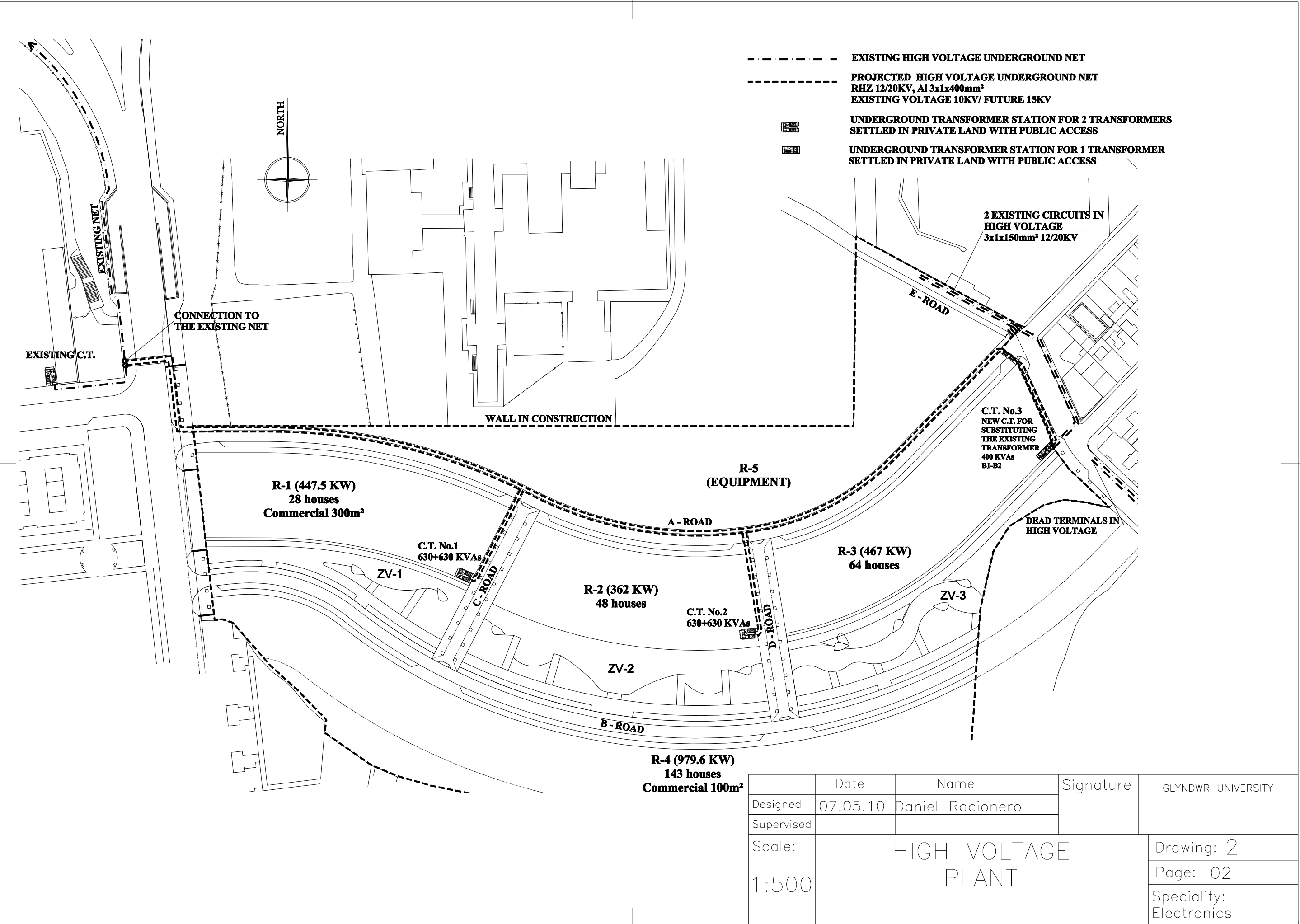
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Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	MAP OF ARAGON PLACE OF VILLANUEVA DE GALLEGO			Drawing: 1
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				Speciality: Electronics



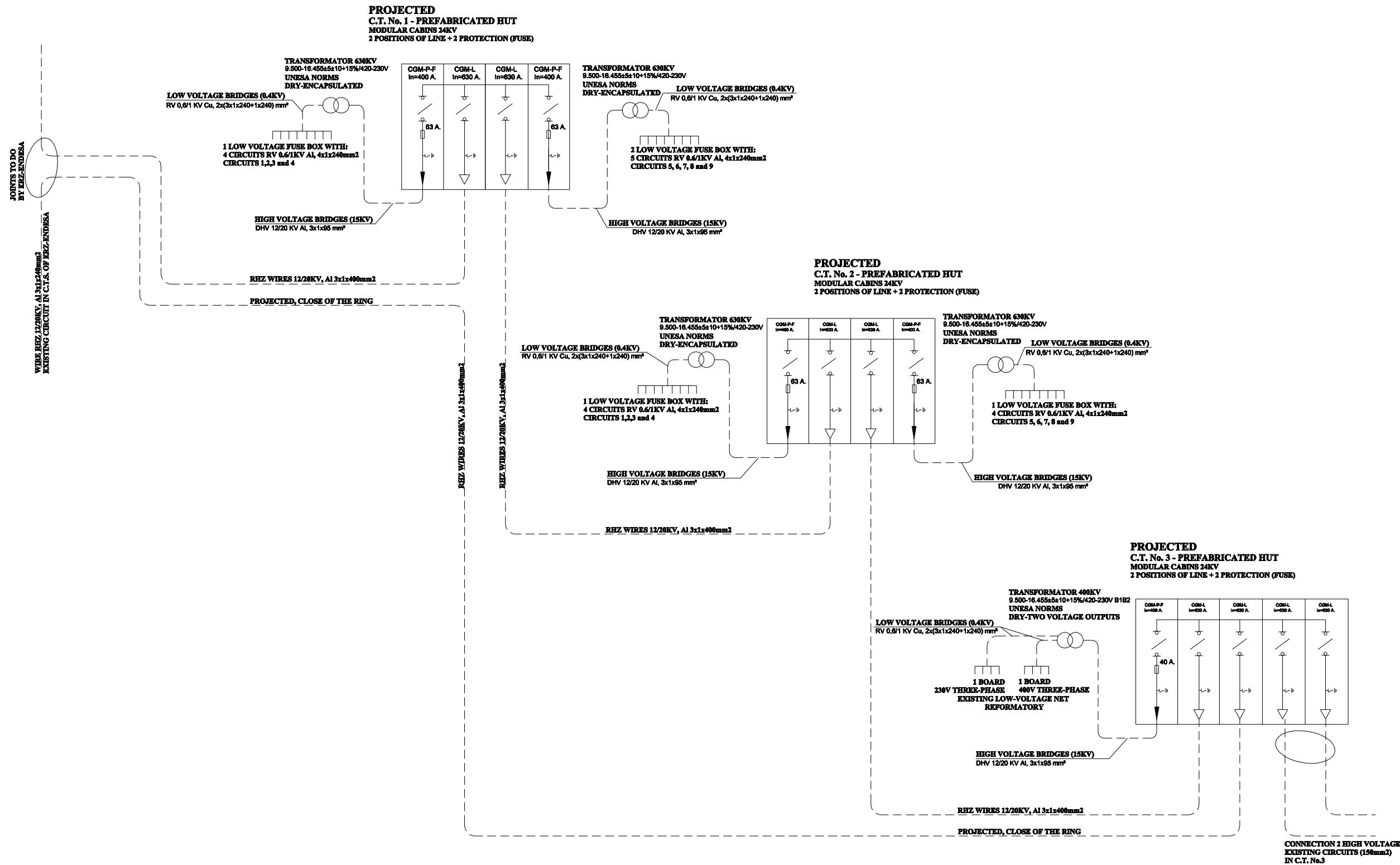
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Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	MAP OF ARAGON PLACE OF VILLANUEVA DE GALLEGO			Drawing: 1
1:350000				Page: 01
				Speciality: Electronics



	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	MAP OF ARAGON PLACE OF VILLANUEVA DE GALLEGO			Drawing: 1
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				Speciality: Electronics

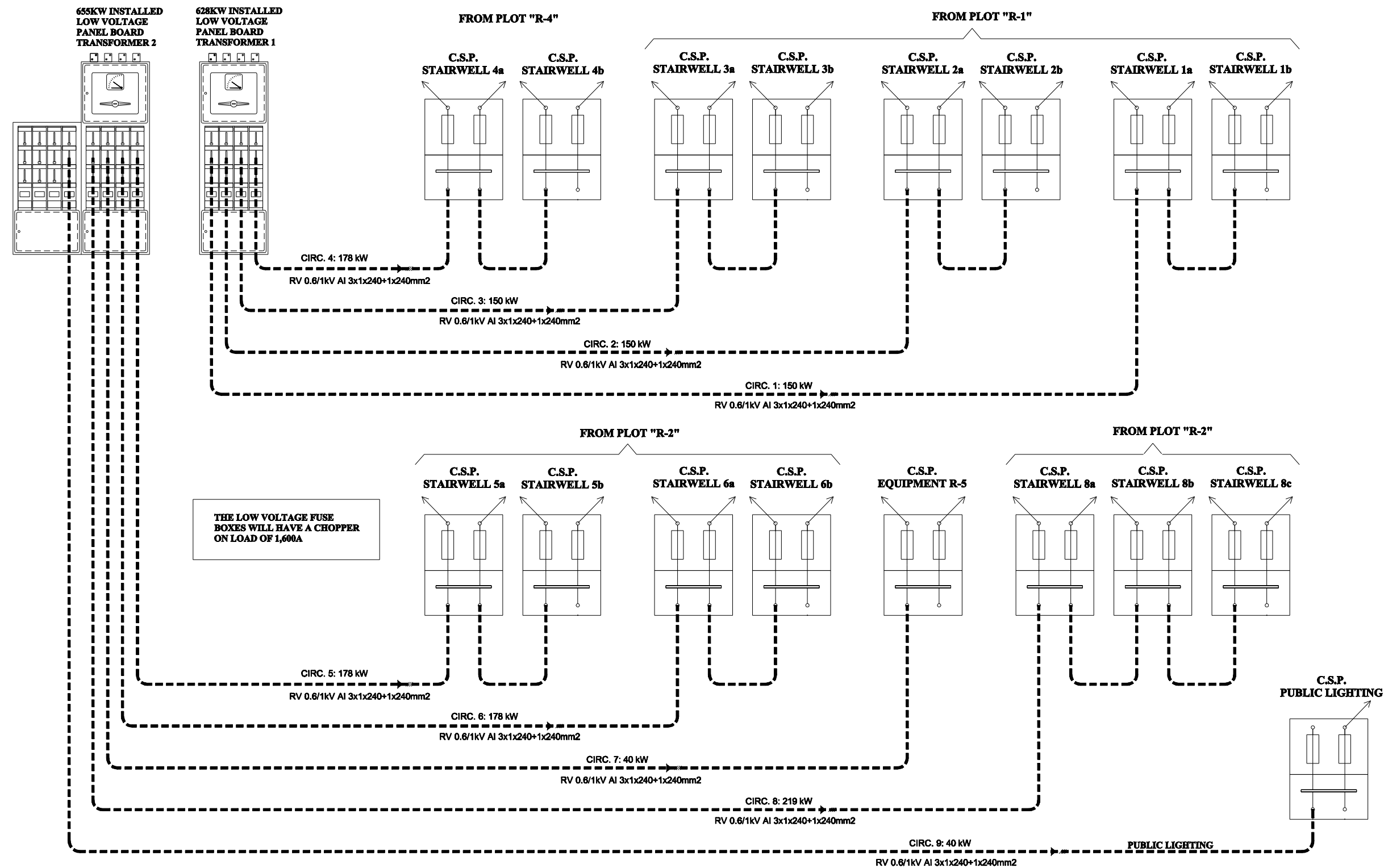


	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	HIGH VOLTAGE PLANT			Drawing: 2
1:500				Page: 02
				Speciality: Electronics



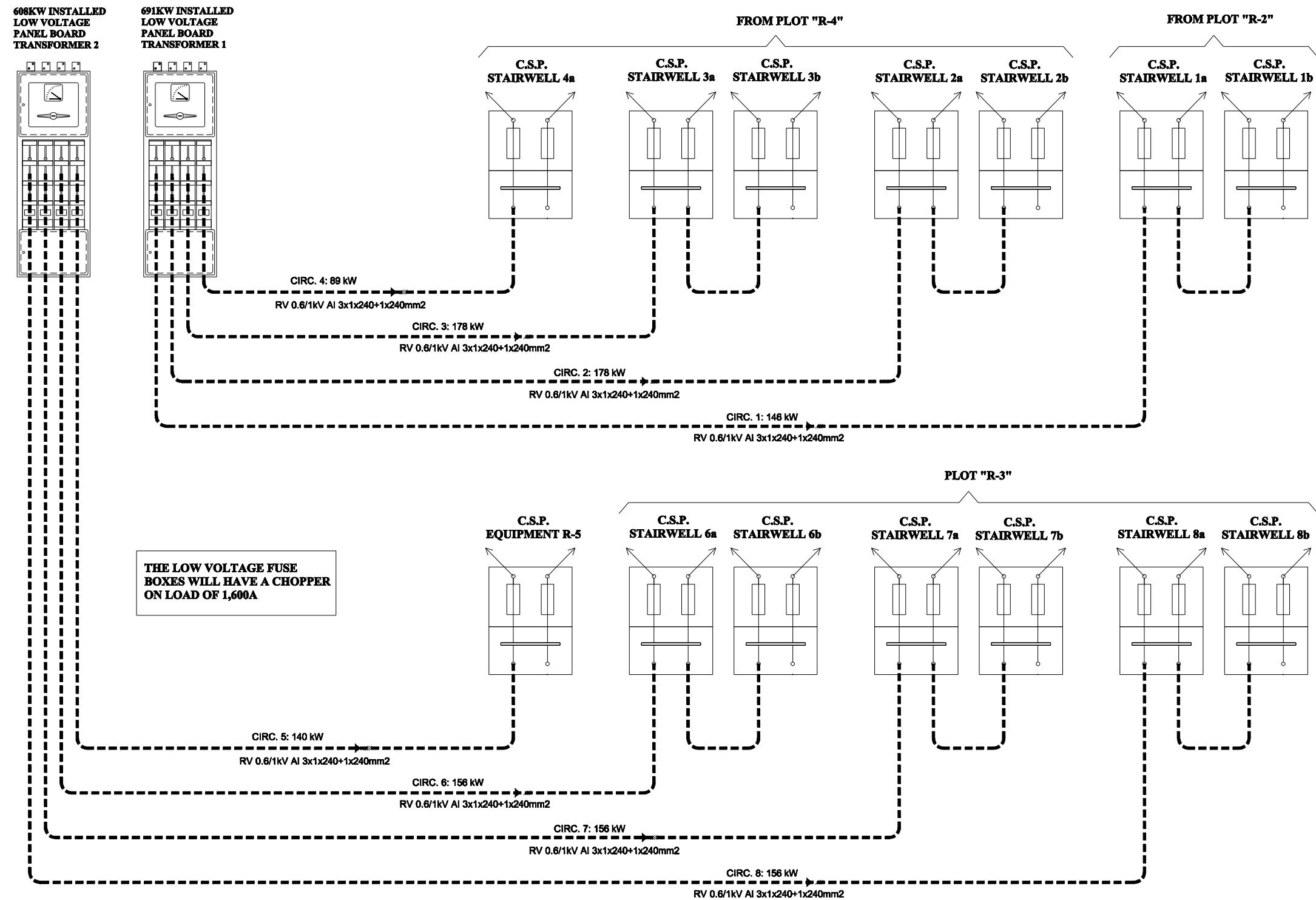
	Date	Name	Signature	GLYNDWR UNIVERSITY	
Designed	07.05.10	Daniel Racionero			
Supervised					
Scale:	SINGLE—LINE CIRCUIT			Drawing: 3	
				Page: 01	
				Speciality: Electronics	

CENTRE OF TRANSFORMATION No.1



	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE C.T. No.1			Drawing: 4
				Page: 02
				Speciality: Electronics

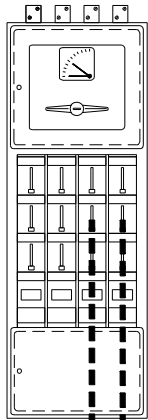
CENTRE OF TRANSFORMATION No.2



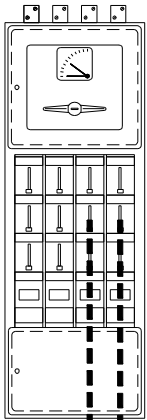
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE-LINE CIRCUIT LOW VOLTAGE C.T. No.2			Drawing: 5
				Page: 03
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.3

LOW VOLTAGE
PANEL BOARD
220V - THREE PHASE



LOW VOLTAGE
PANEL BOARD
400V - THREE PHASE



400V CIRCUITS (THREE-PASE)

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

THE LOW VOLTAGE FUSE
BOXES WILL HAVE A CHOPPER
ON LOAD OF 1,600A

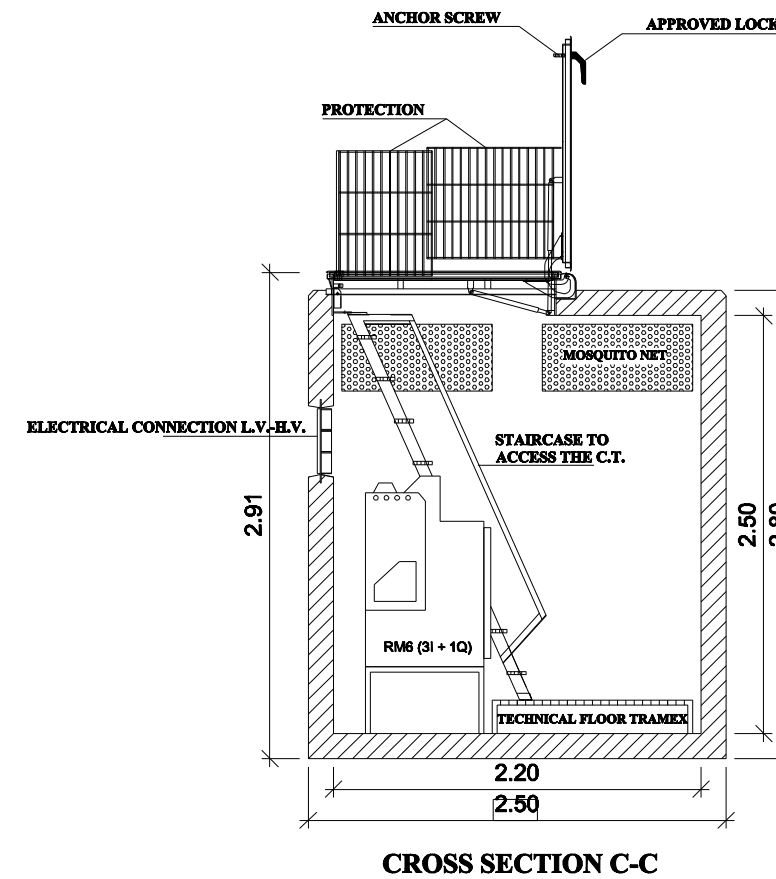
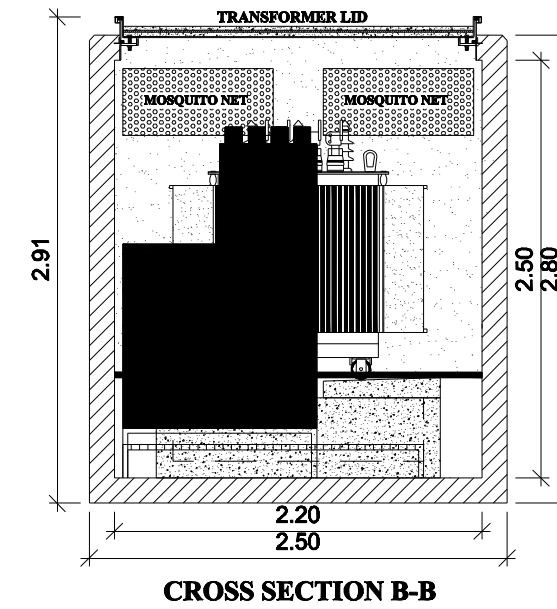
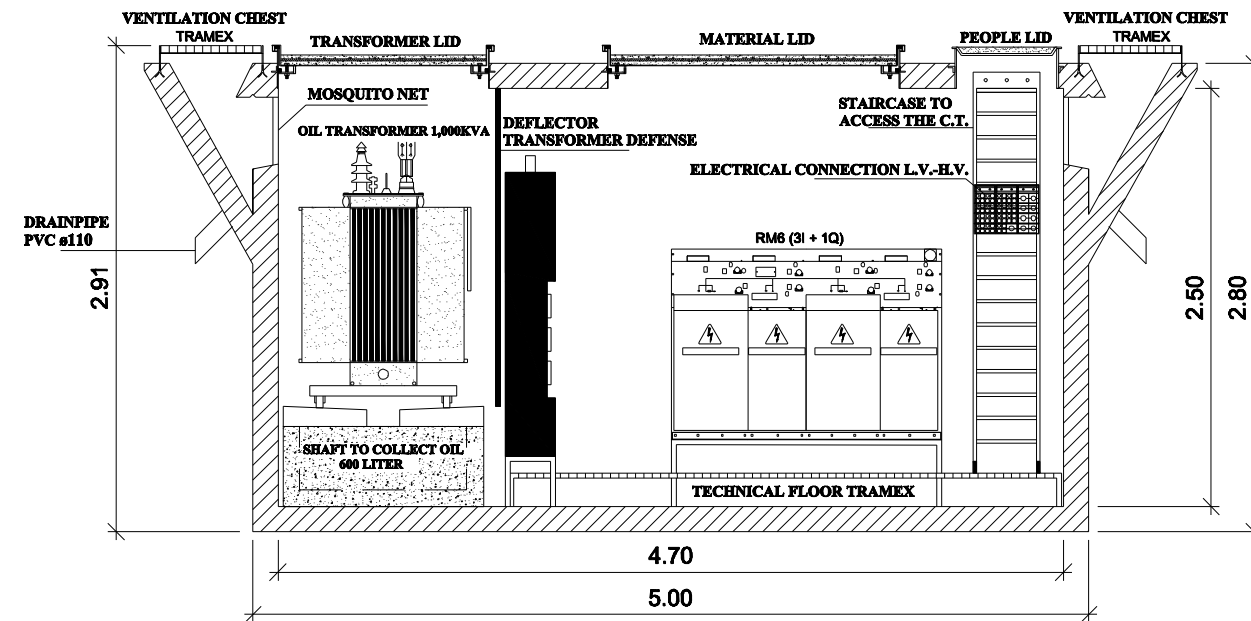
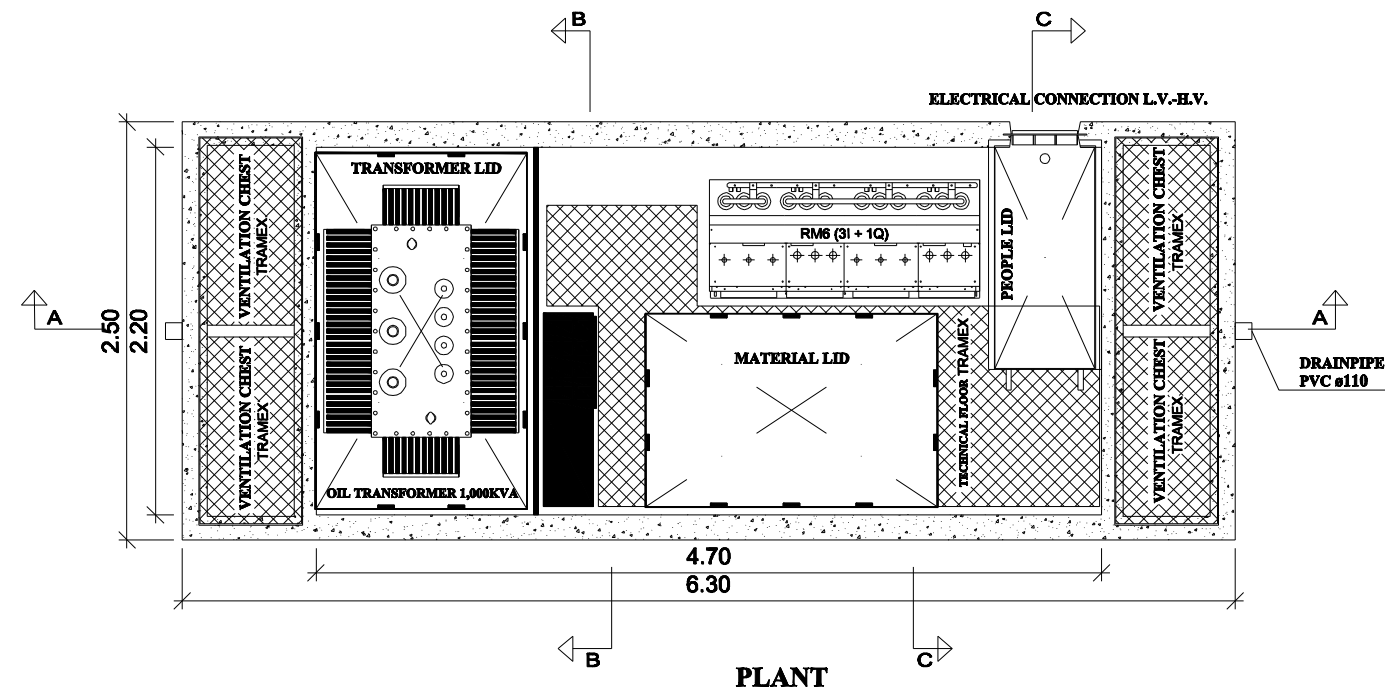
220V CIRCUITS (THREE-PASE)

CONNECTION OF THE EXISTING CIRCUIT WITH A NEW DISTRIBUTION PANEL IN LOW VOLTAGE

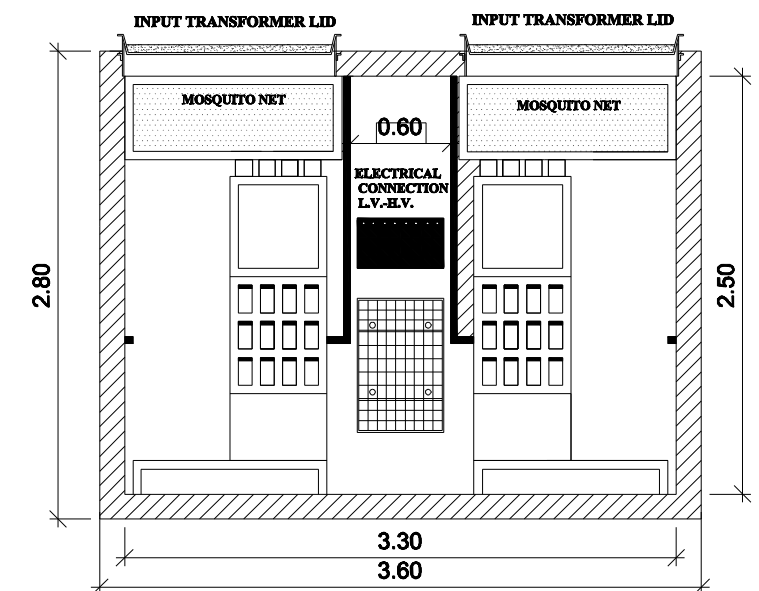
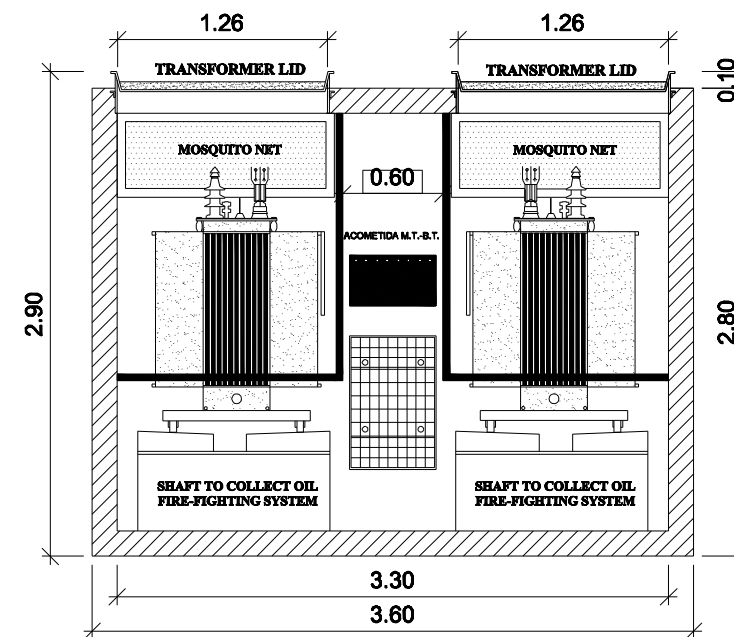
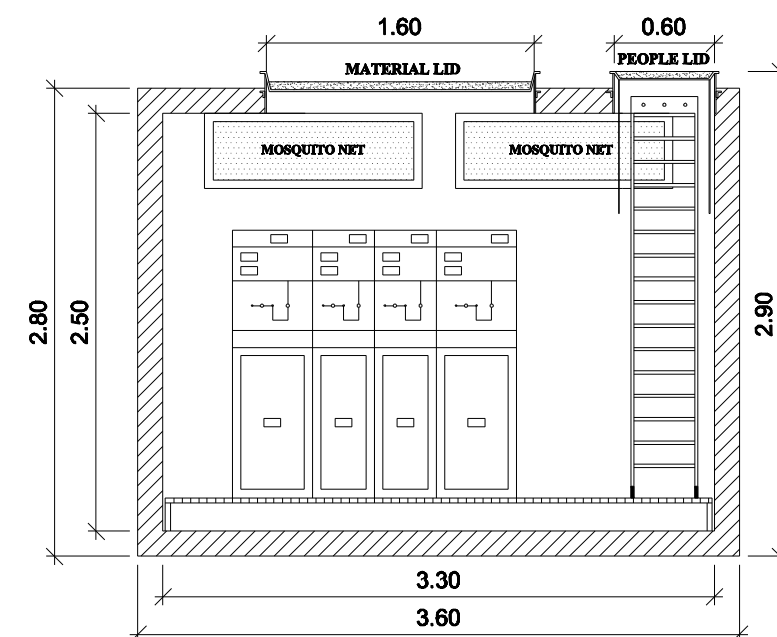
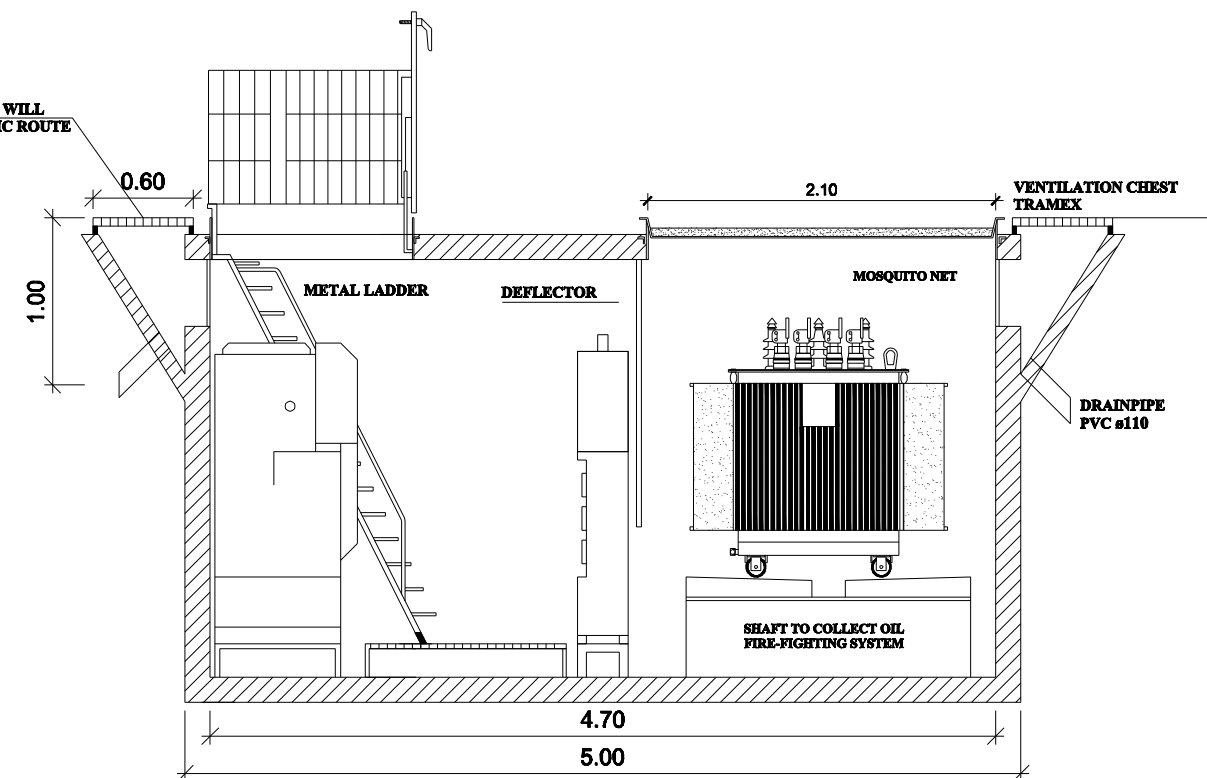
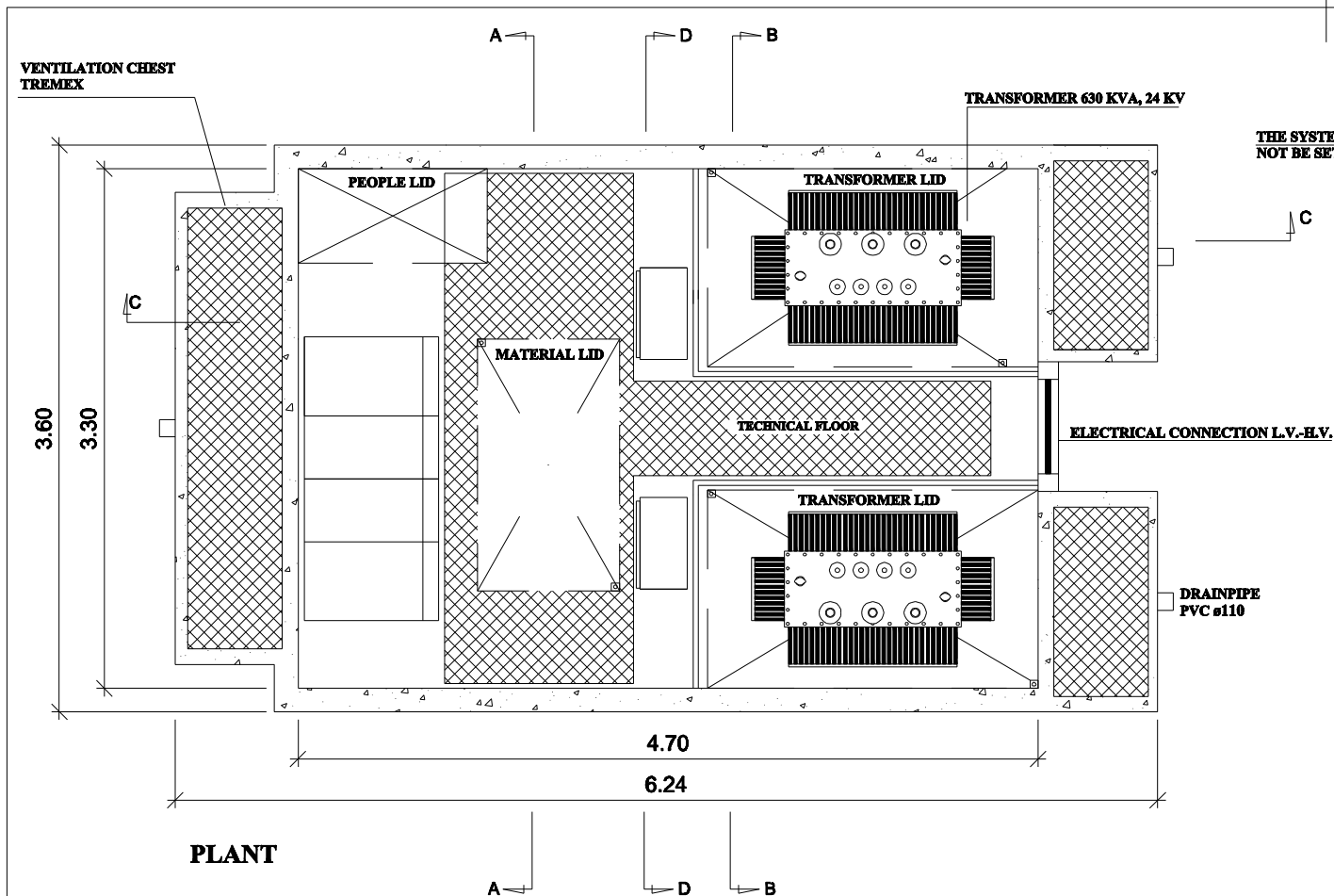
RV 0.6/1kV Al 3x1x240+1x240mm2

RV 0.6/1kV Al 3x1x240+1x240mm2

	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE OF THE C.T. No.3			Drawing: 6
				Page: 04
				Speciality: Electronics

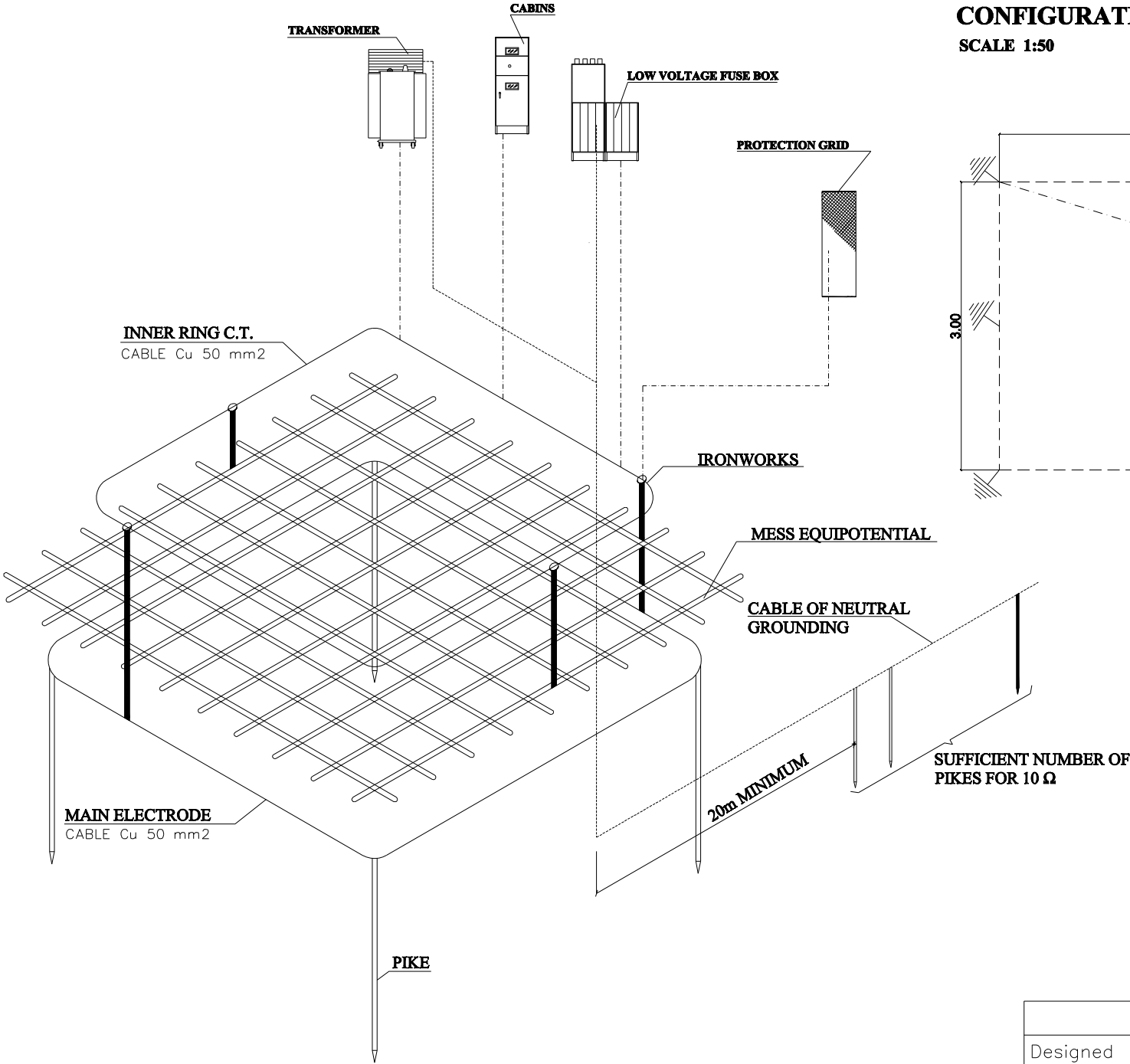


	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 1 TRANSFORMER)			Drawing: 7
				Page: 01
				Speciality: Electronics

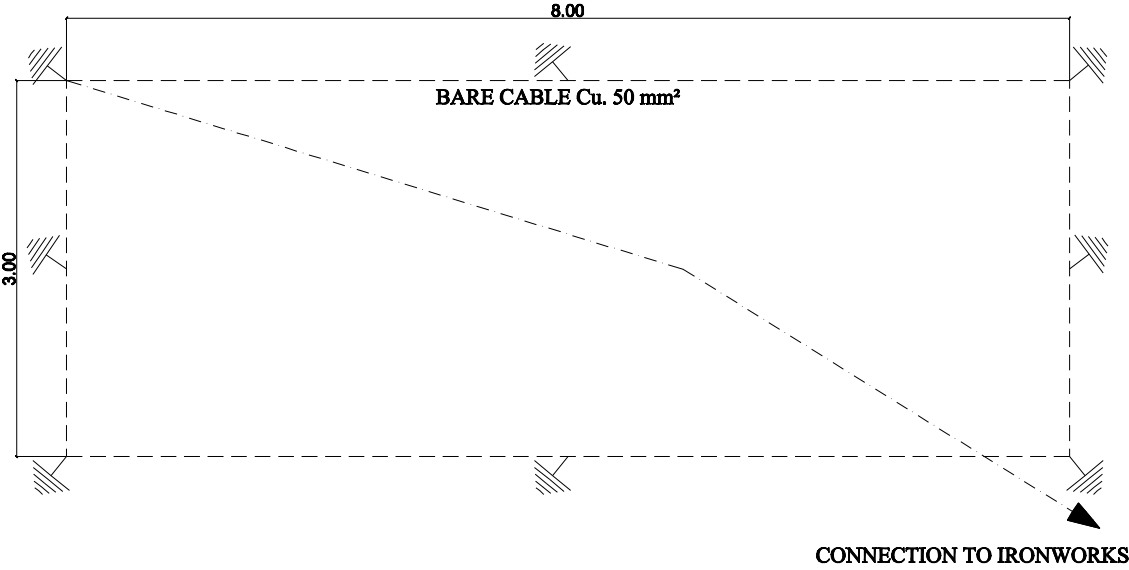


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Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 2 TRANSFORMER)			Drawing: 8
				Page: 02
				Speciality: Electronics

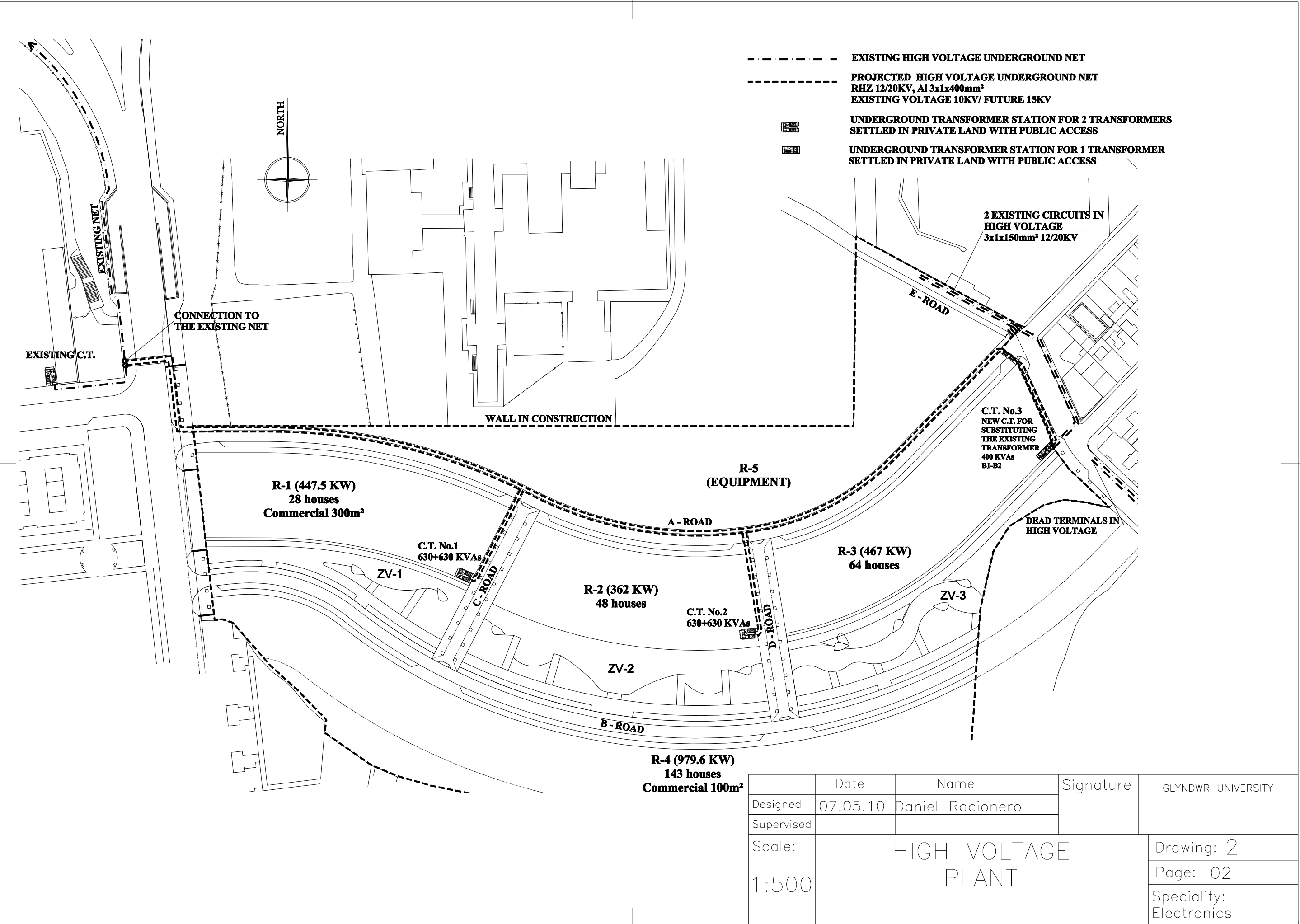
GROUND SKETCH



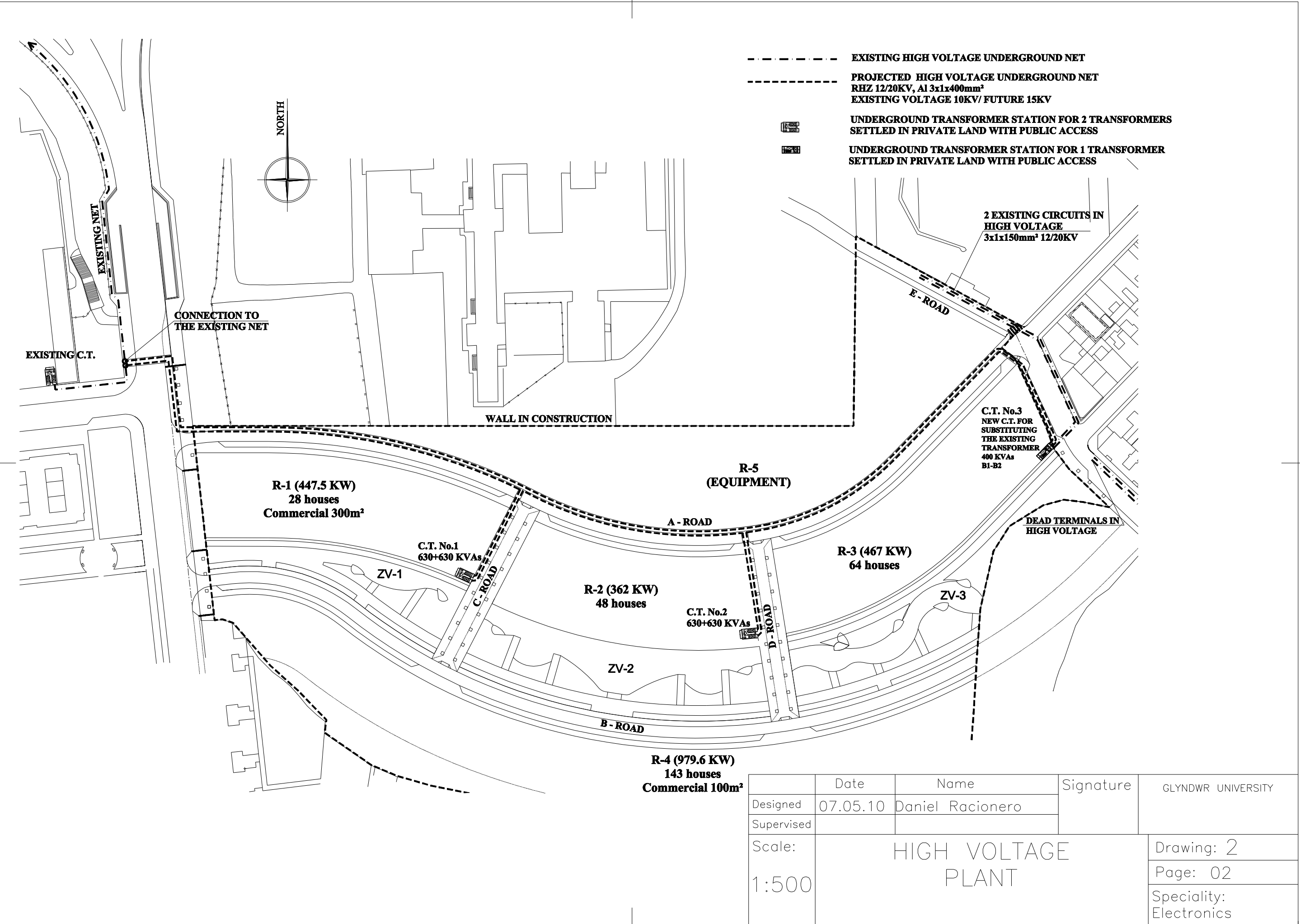
IRONWORK GROUND NET
CONFIGURATION 80-30/8/82
SCALE 1:50



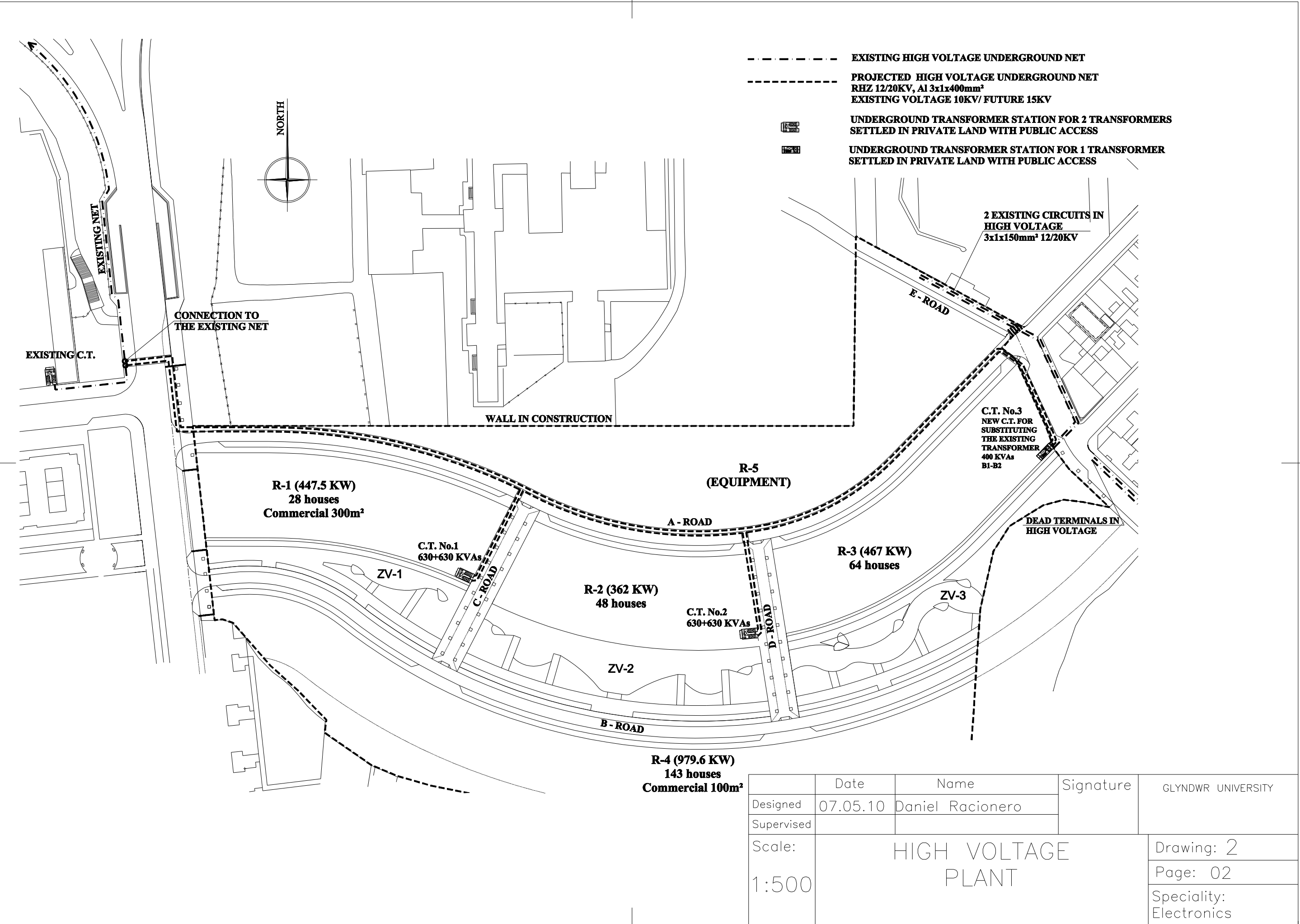
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Designed	07.05.10	Daniel Racionero			
Supervised					
Scale:	GROUND NET			Drawing: 9	
				Page: 01	
				Speciality: Electronics	



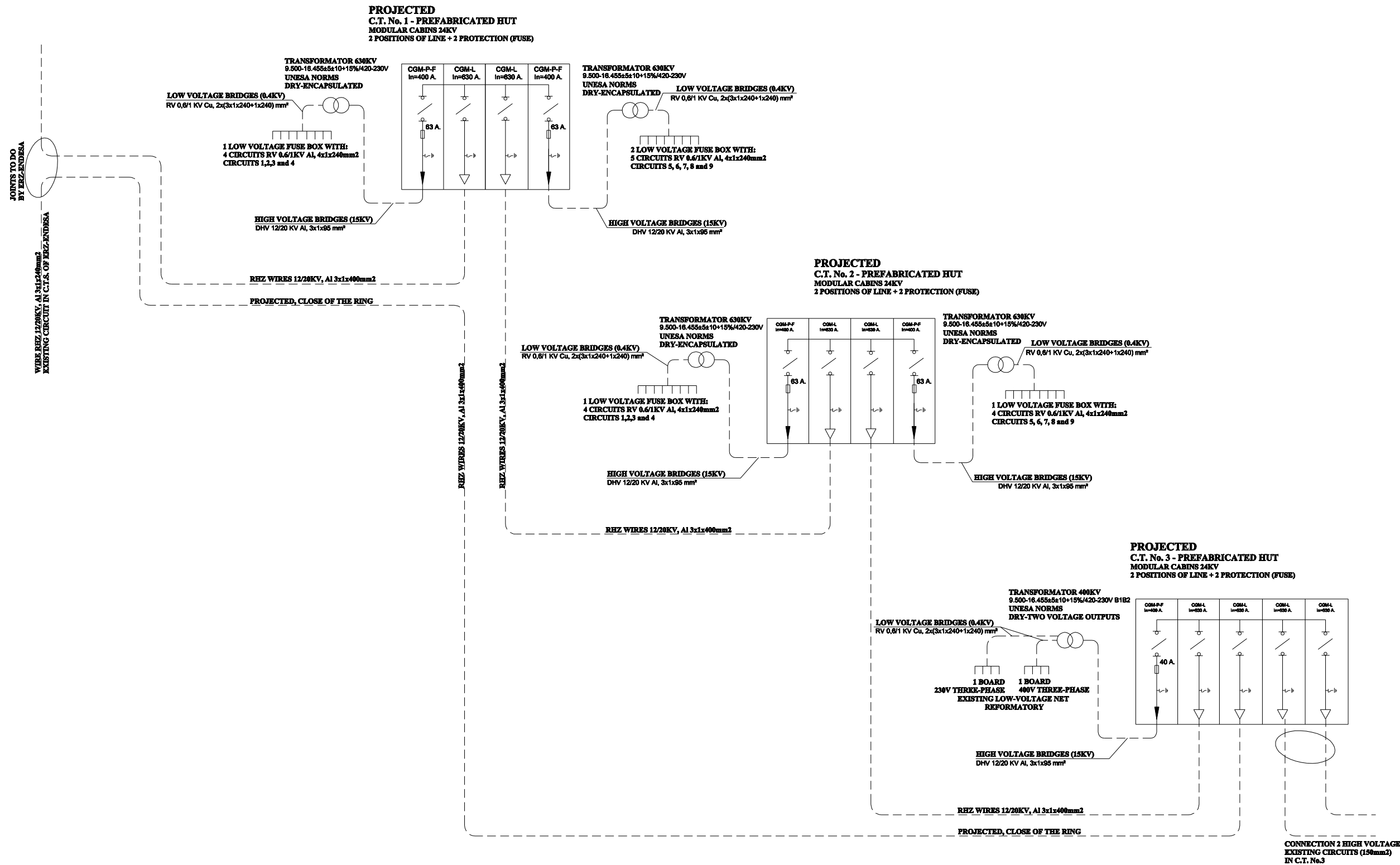
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	HIGH VOLTAGE PLANT			Drawing: 2
1:500				Page: 02
				Speciality: Electronics



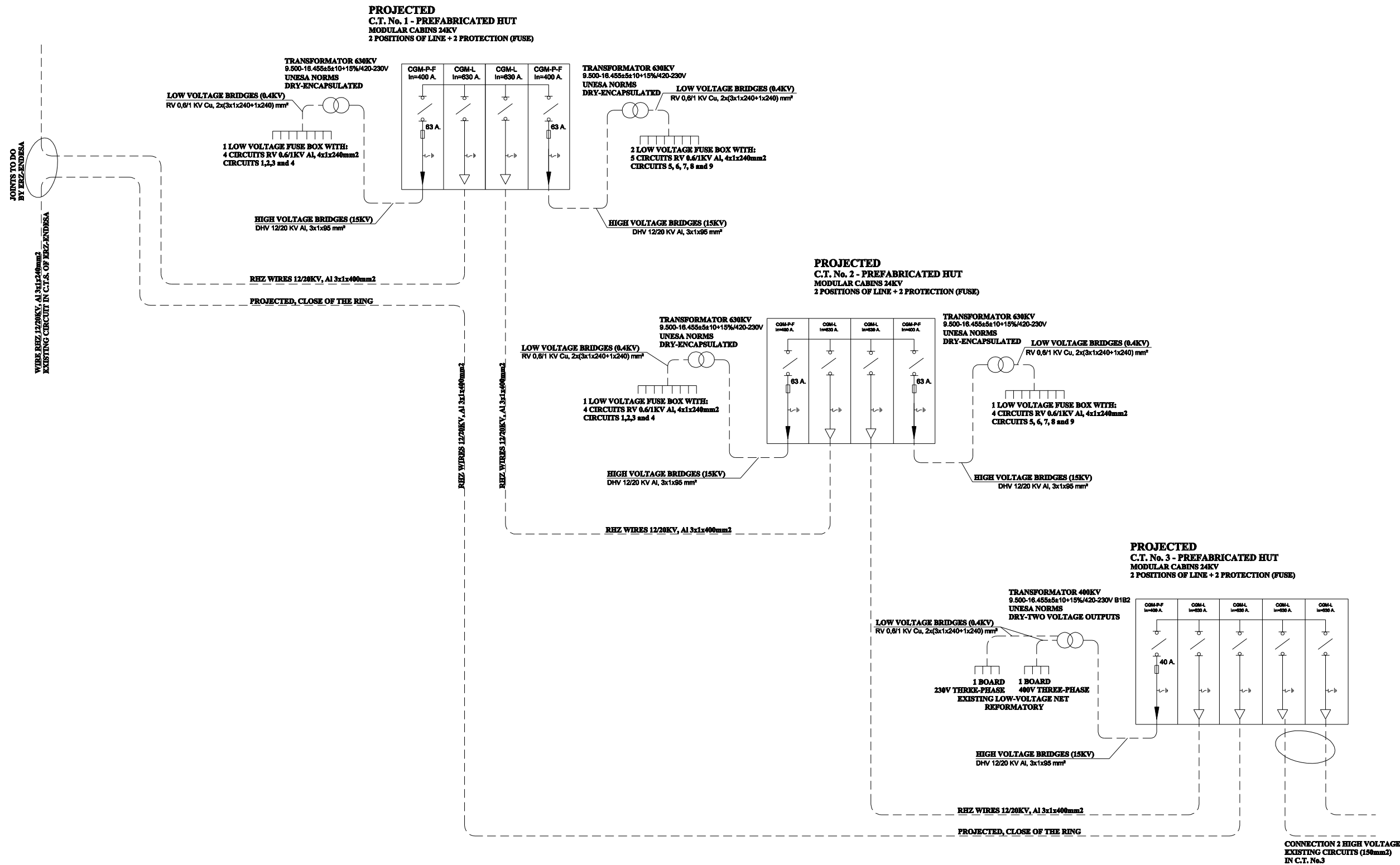
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	HIGH VOLTAGE PLANT			Drawing: 2
1:500				Page: 02
				Speciality: Electronics



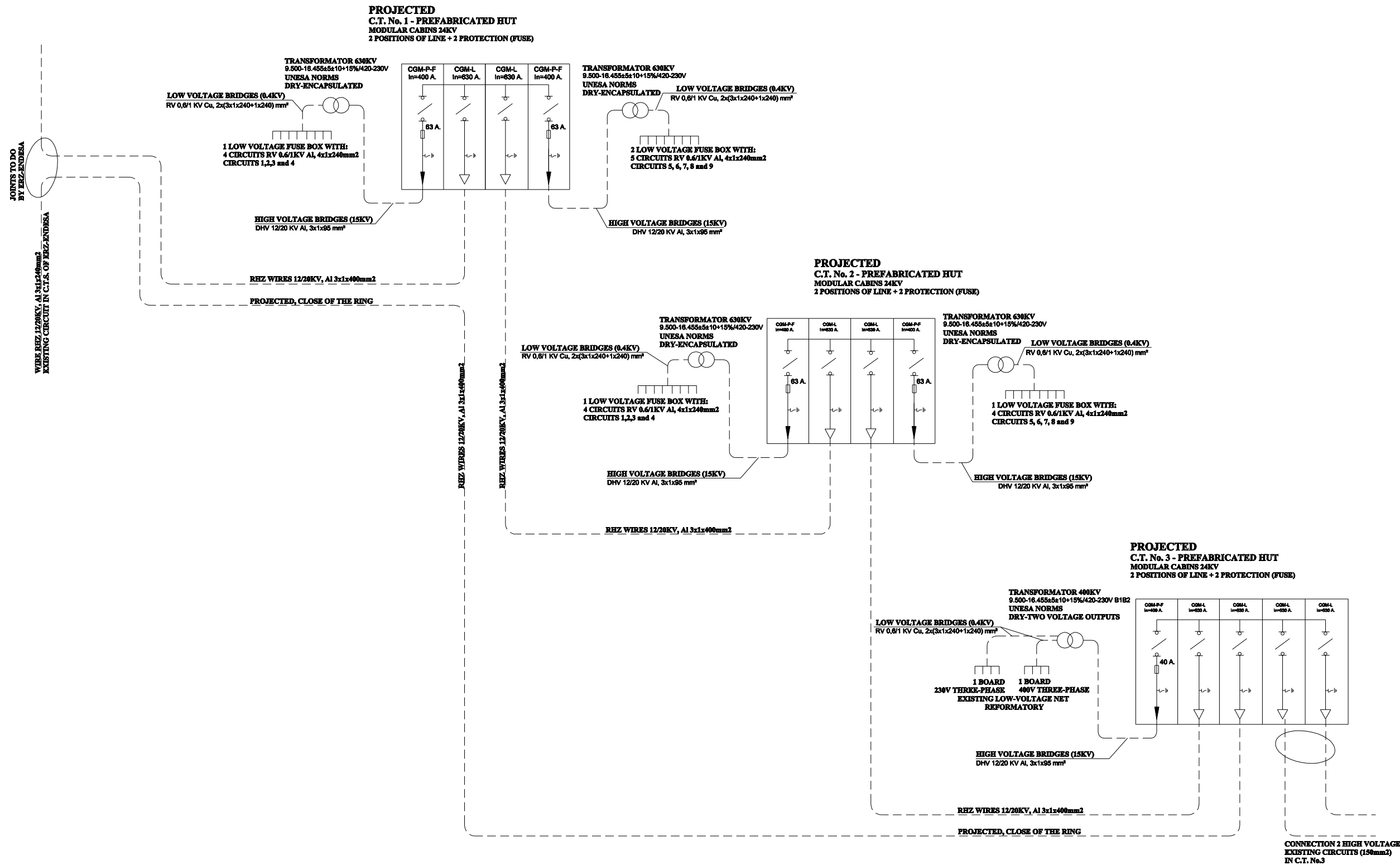
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Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	HIGH VOLTAGE PLANT			Drawing: 2
1:500				Page: 02
				Speciality: Electronics



	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT			Drawing: 3
				Page: 01
				Speciality: Electronics

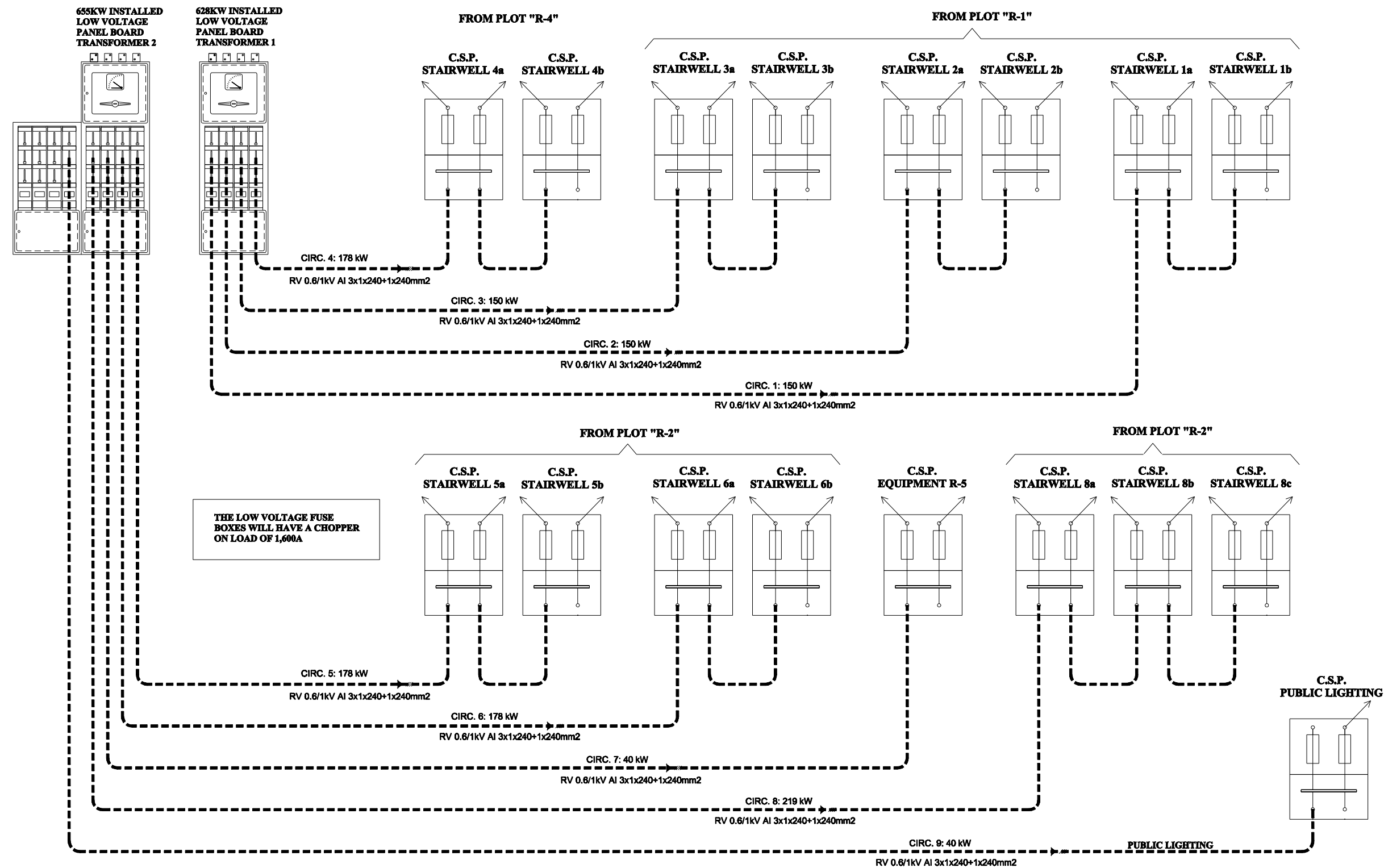


	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT			Drawing: 3
				Page: 01
				Speciality: Electronics



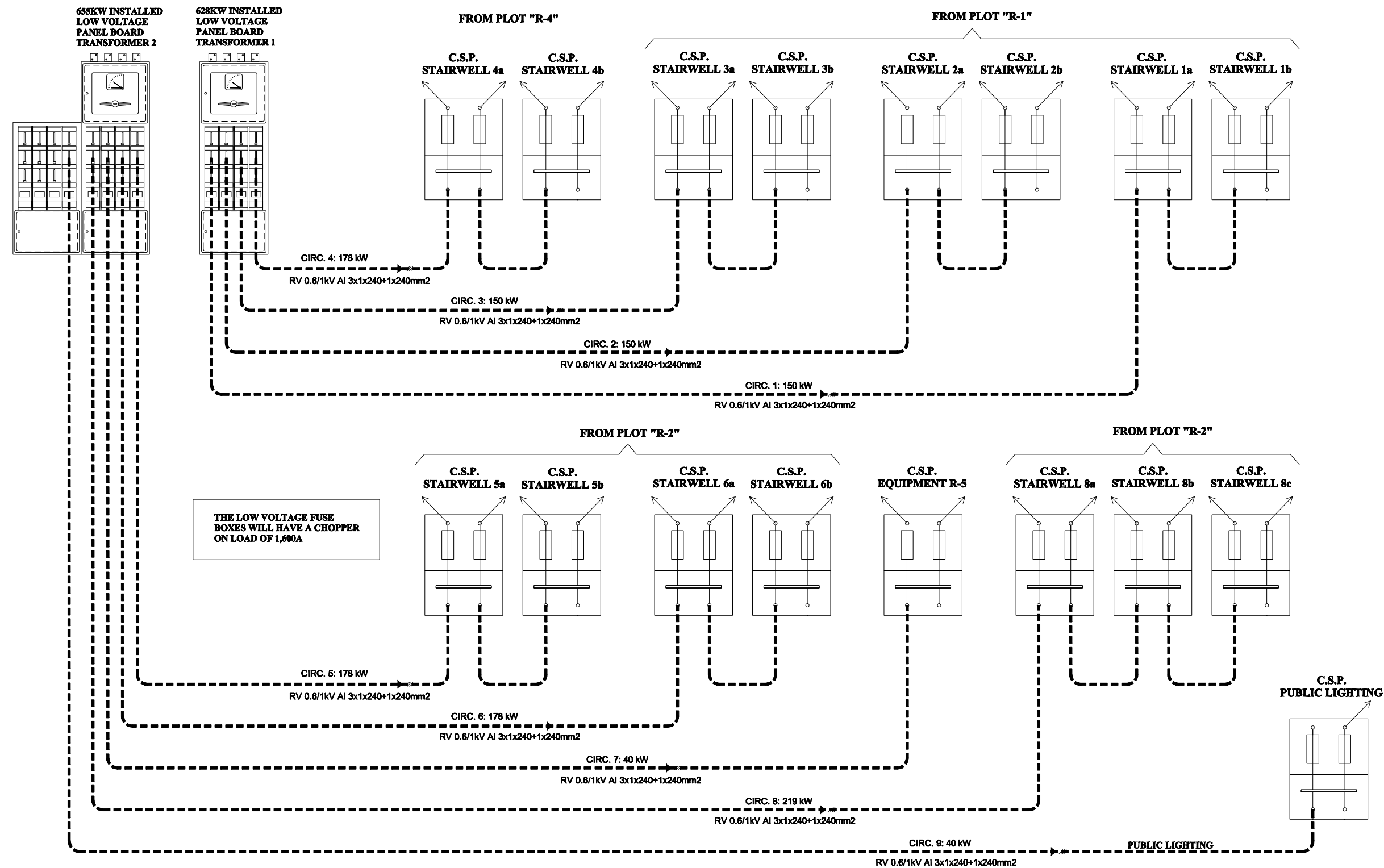
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT			Drawing: 3
				Page: 01
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.1



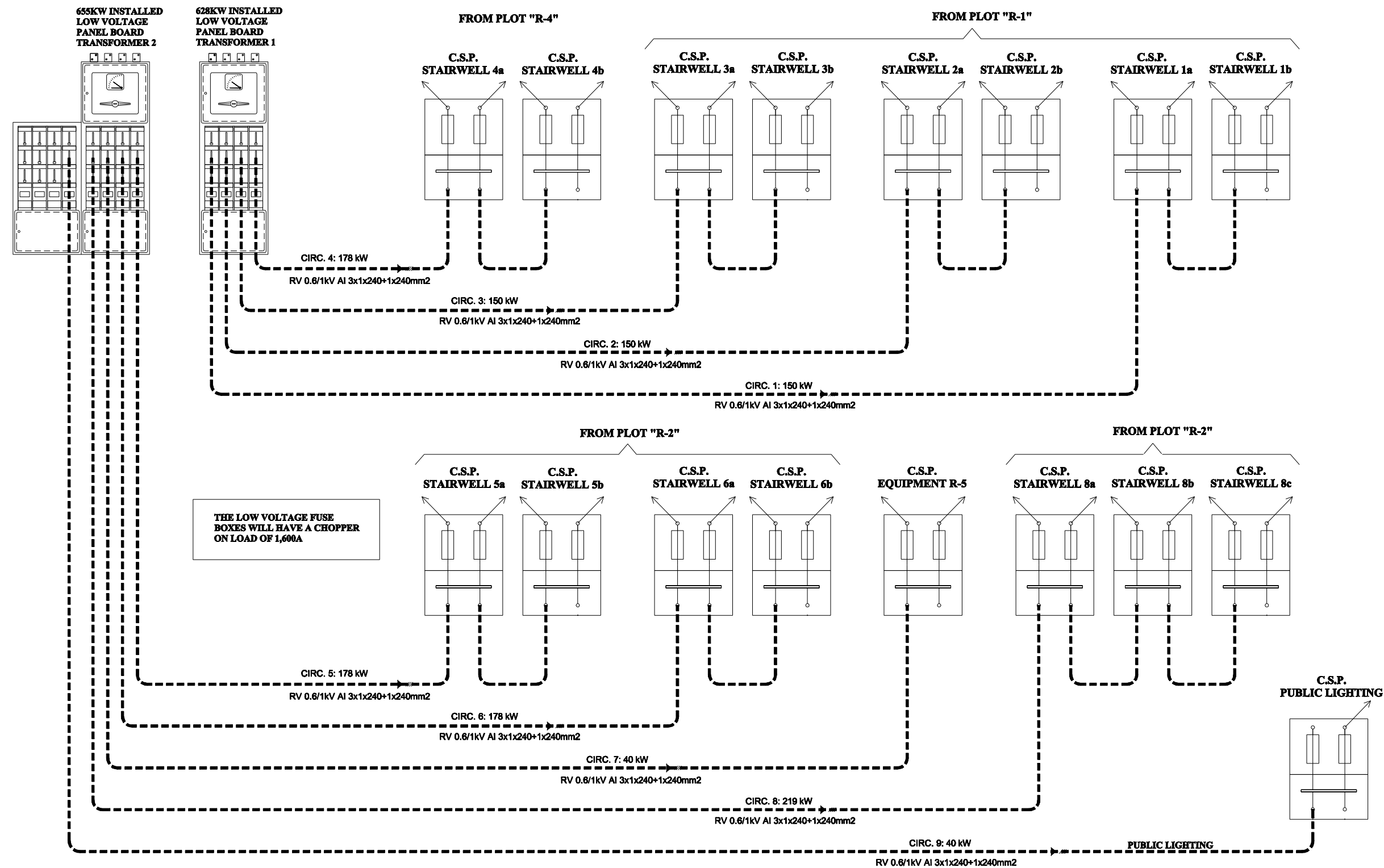
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE-LINE CIRCUIT LOW VOLTAGE C.T. No.1			Drawing: 4
				Page: 02
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.1



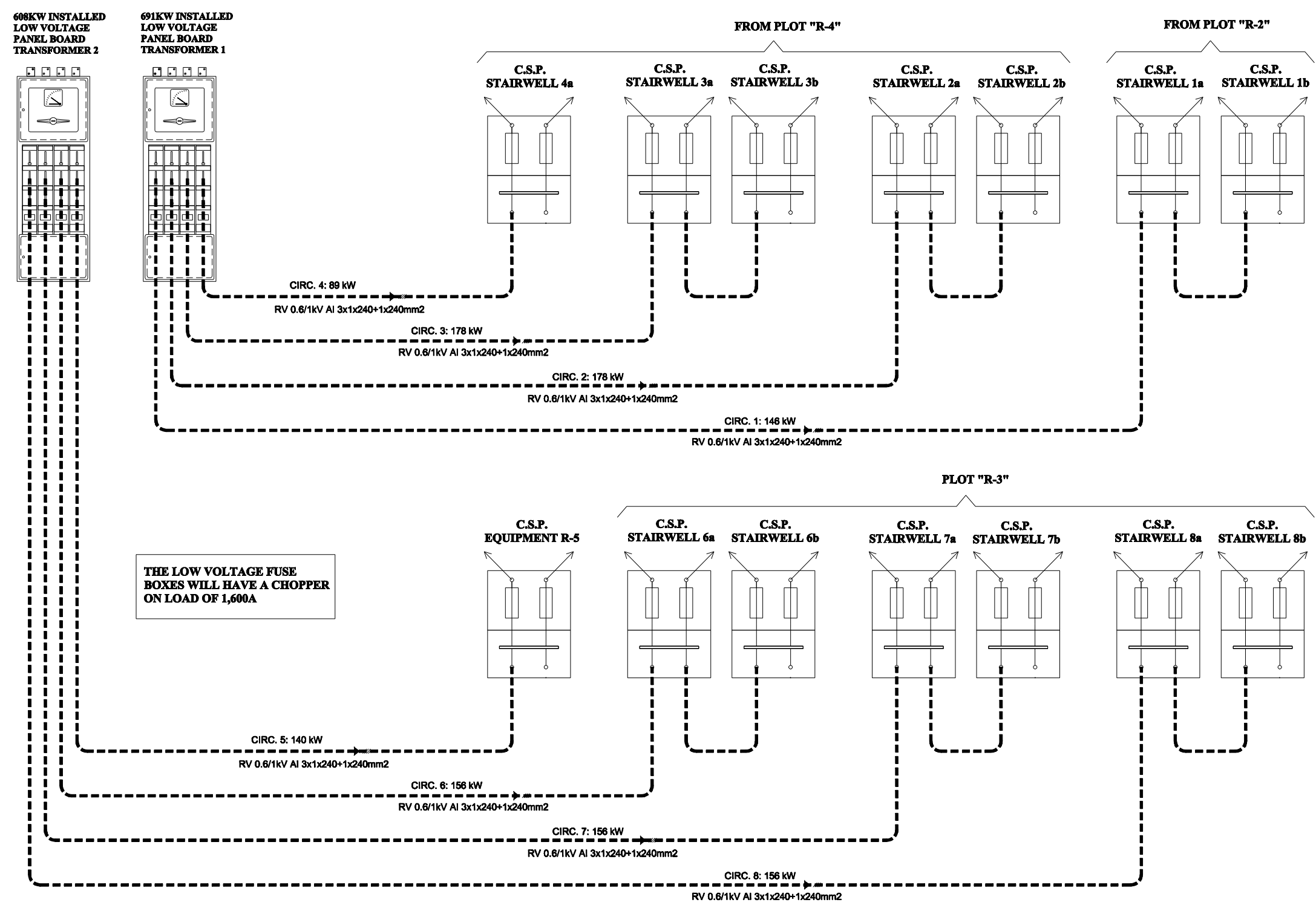
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE C.T. No.1			Drawing: 4
				Page: 02
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.1



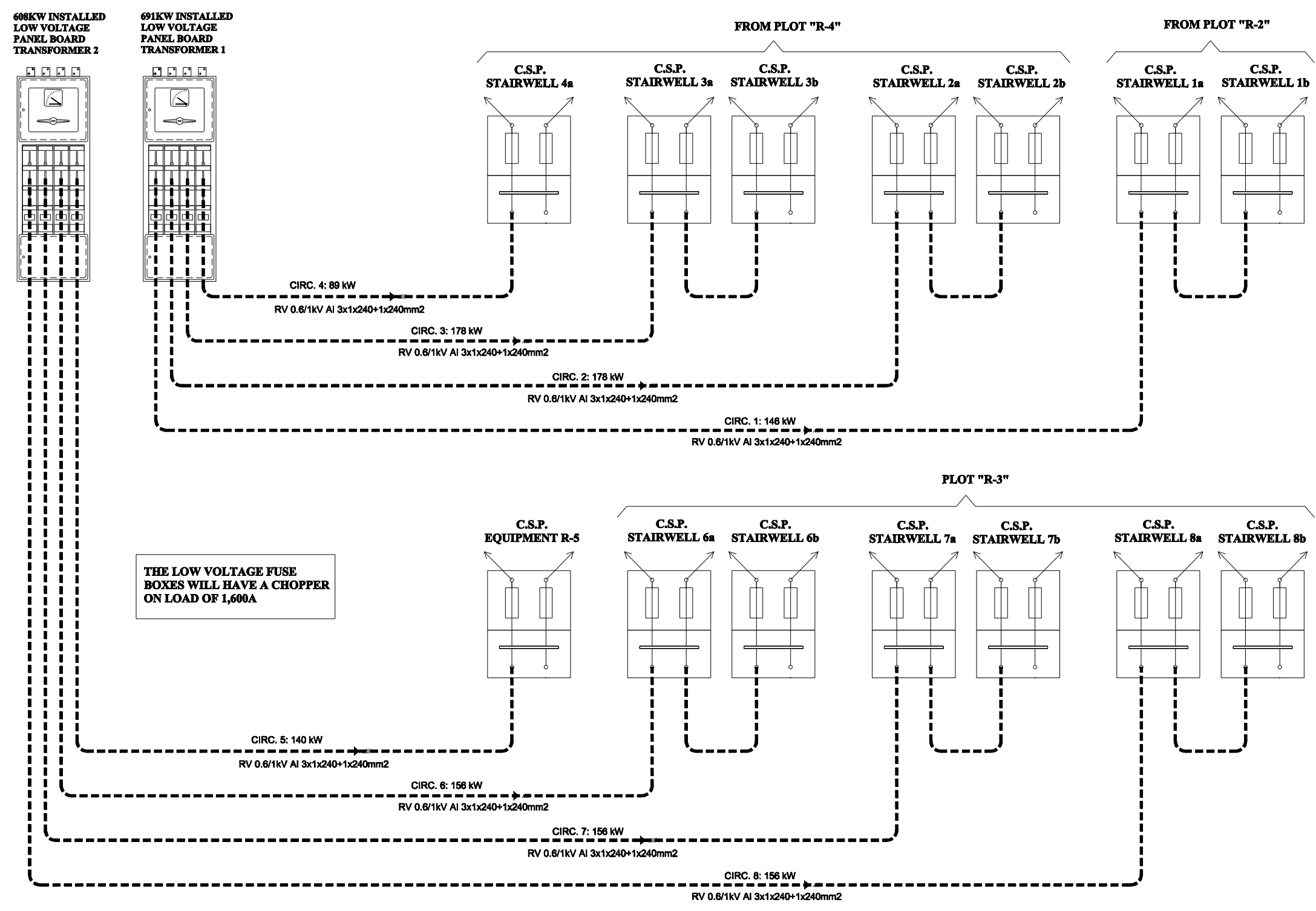
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE-LINE CIRCUIT LOW VOLTAGE C.T. No.1			Drawing: 4
				Page: 02
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.2



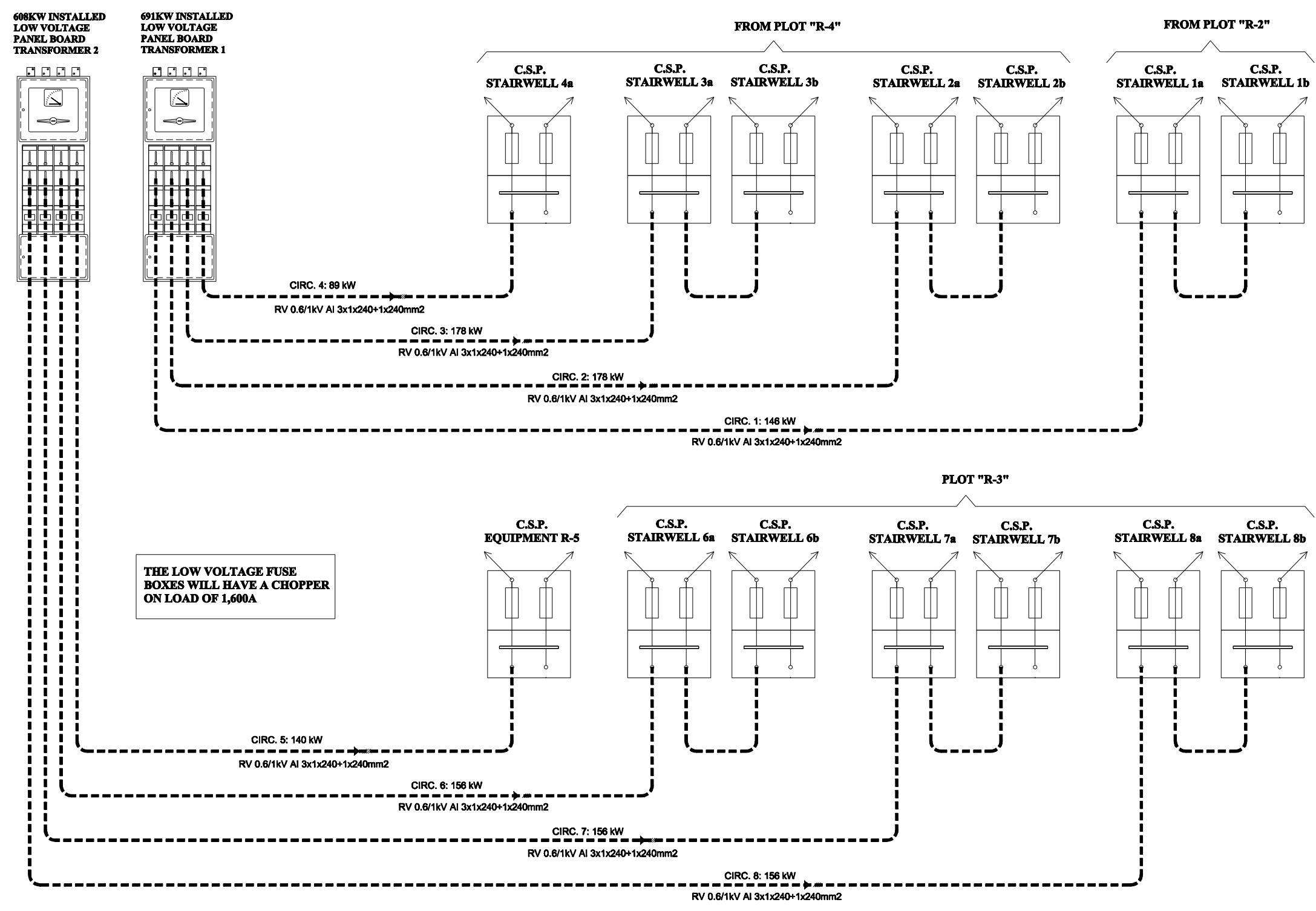
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE-LINE CIRCUIT LOW VOLTAGE C.T. No.2			Drawing: 5
				Page: 03
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.2



	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE C.T. No.2			Drawing: 5
				Page: 03
				Speciality: Electronics

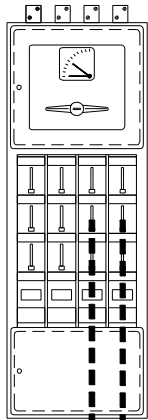
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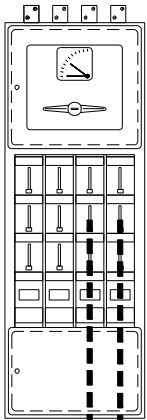
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Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE-LINE CIRCUIT LOW VOLTAGE C.T. No.2			Drawing: 5
				Page: 03
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.3

LOW VOLTAGE
PANEL BOARD
220V - THREE PHASE



LOW VOLTAGE
PANEL BOARD
400V - THREE PHASE



400V CIRCUITS (THREE-PASE)

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

THE LOW VOLTAGE FUSE
BOXES WILL HAVE A CHOPPER
ON LOAD OF 1,600A

220V CIRCUITS (THREE-PASE)

CONNECTION OF THE EXISTING CIRCUIT WITH A NEW DISTRIBUTION PANEL IN LOW VOLTAGE

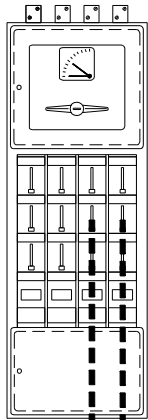
RV 0.6/1kV Al 3x1x240+1x240mm2

RV 0.6/1kV Al 3x1x240+1x240mm2

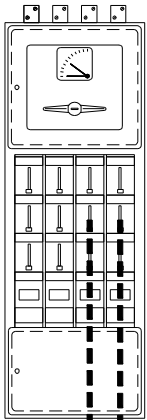
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE OF THE C.T. No.3			Drawing: 6
				Page: 04
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.3

LOW VOLTAGE
PANEL BOARD
220V - THREE PHASE



LOW VOLTAGE
PANEL BOARD
400V - THREE PHASE



400V CIRCUITS (THREE-PASE)

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

THE LOW VOLTAGE FUSE
BOXES WILL HAVE A CHOPPER
ON LOAD OF 1,600A

220V CIRCUITS (THREE-PASE)

CONNECTION OF THE EXISTING CIRCUIT WITH A NEW DISTRIBUTION PANEL IN LOW VOLTAGE

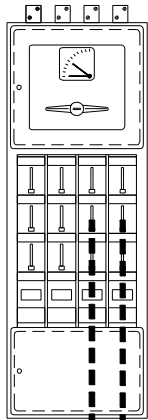
RV 0.6/1kV Al 3x1x240+1x240mm2

RV 0.6/1kV Al 3x1x240+1x240mm2

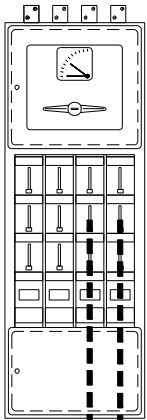
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE OF THE C.T. No.3			Drawing: 6
				Page: 04
				Speciality: Electronics

CENTRE OF TRANSFORMATION No.3

LOW VOLTAGE
PANEL BOARD
220V - THREE PHASE



LOW VOLTAGE
PANEL BOARD
400V - THREE PHASE



400V CIRCUITS (THREE-PASE)

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

CONNECTION EXISTING CIRCUIT - NEW DISTRIBUTION LOW VOLTAGE PANEL

RV 0.6/1kV Al 3x1x240+1x240mm2

THE LOW VOLTAGE FUSE
BOXES WILL HAVE A CHOPPER
ON LOAD OF 1,600A

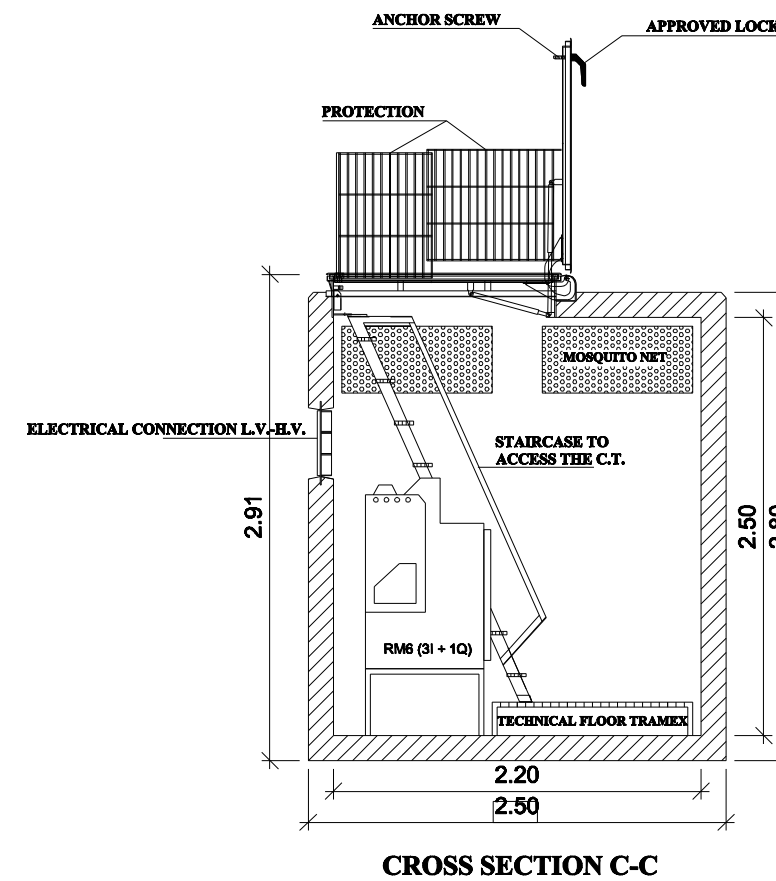
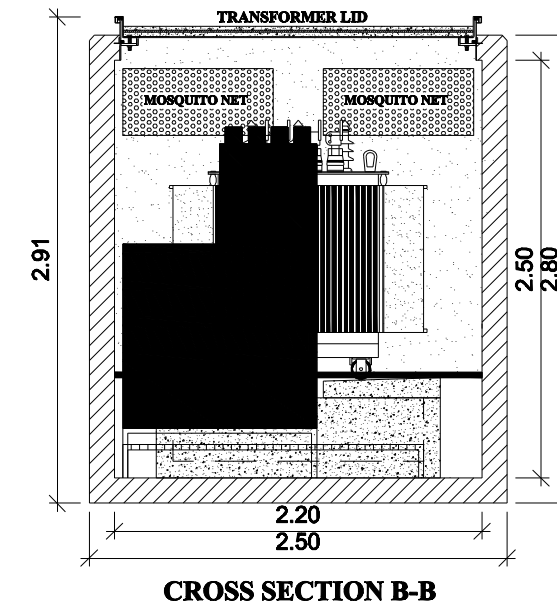
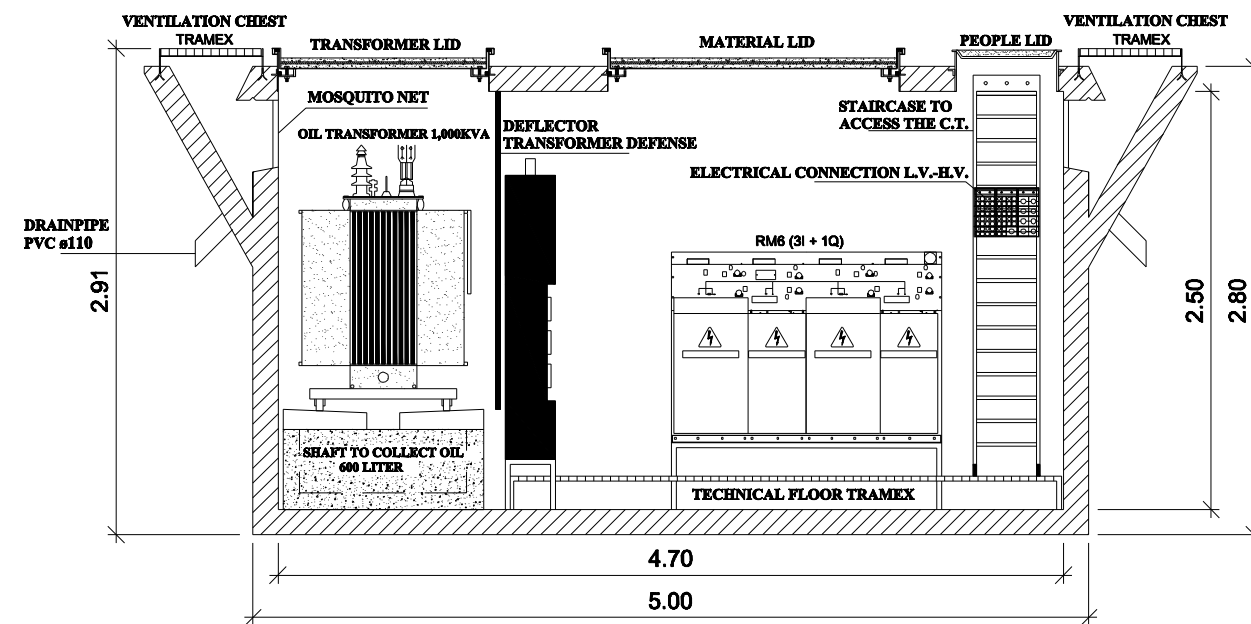
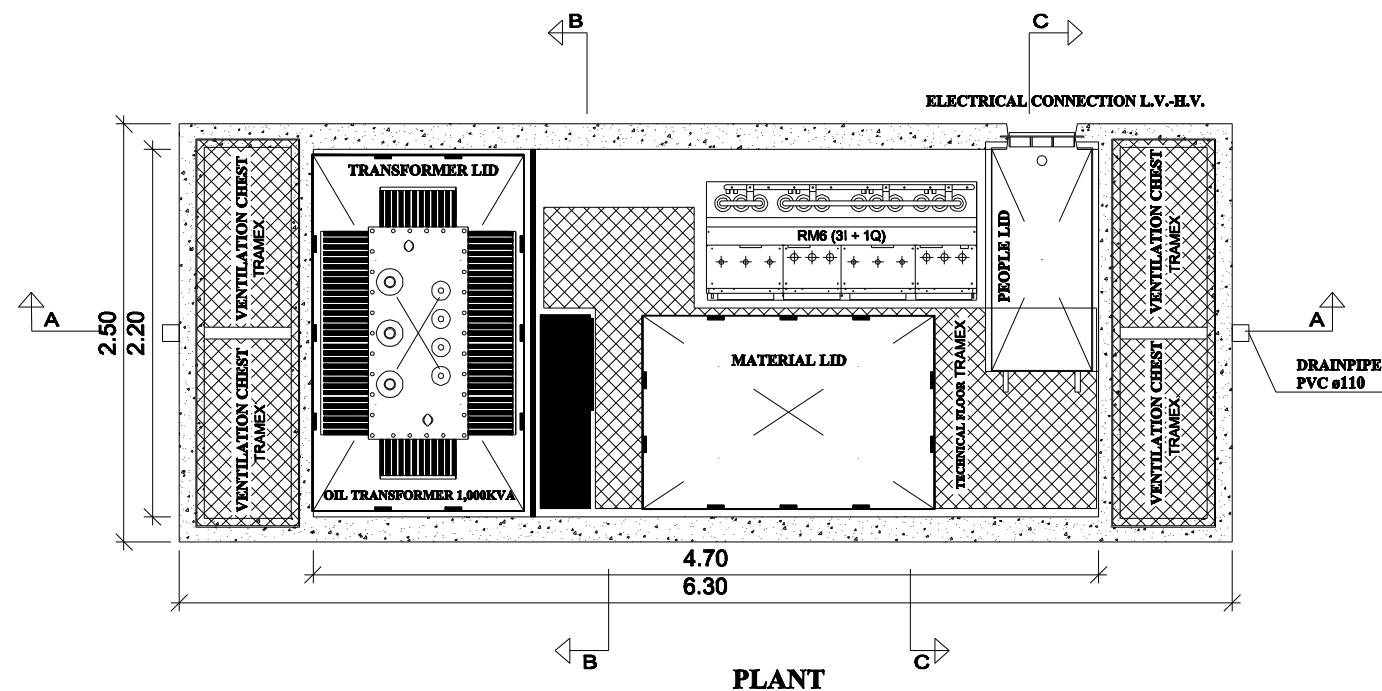
220V CIRCUITS (THREE-PASE)

CONNECTION OF THE EXISTING CIRCUIT WITH A NEW DISTRIBUTION PANEL IN LOW VOLTAGE

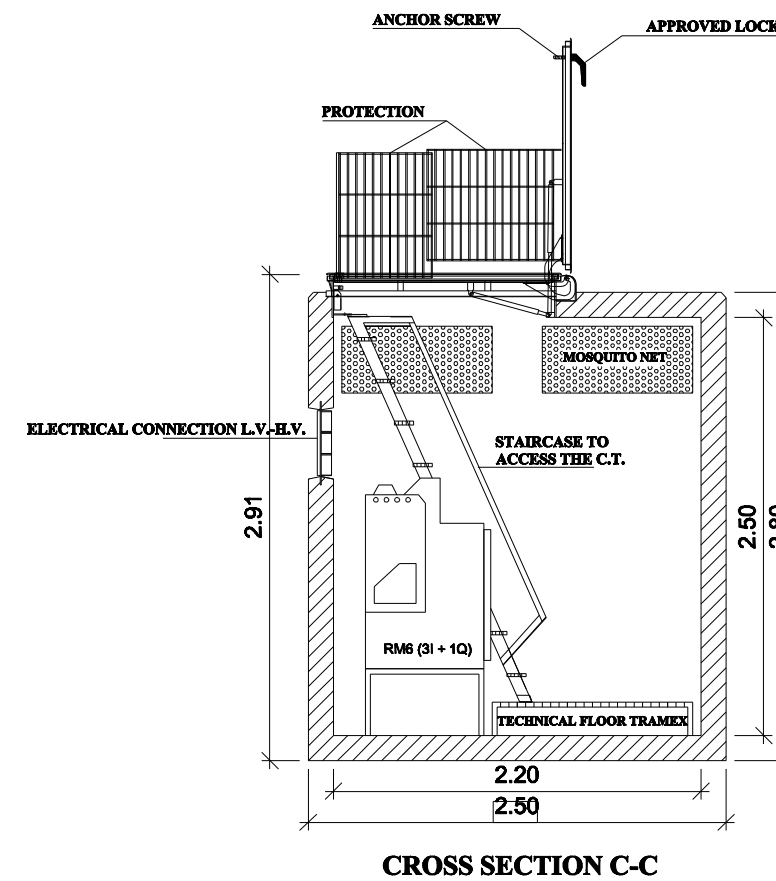
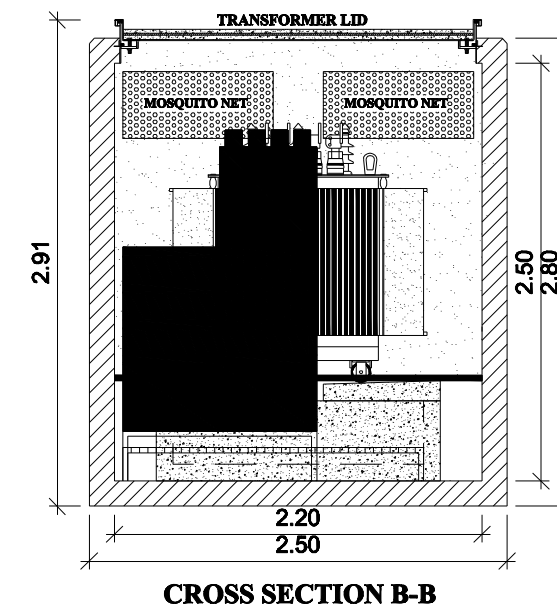
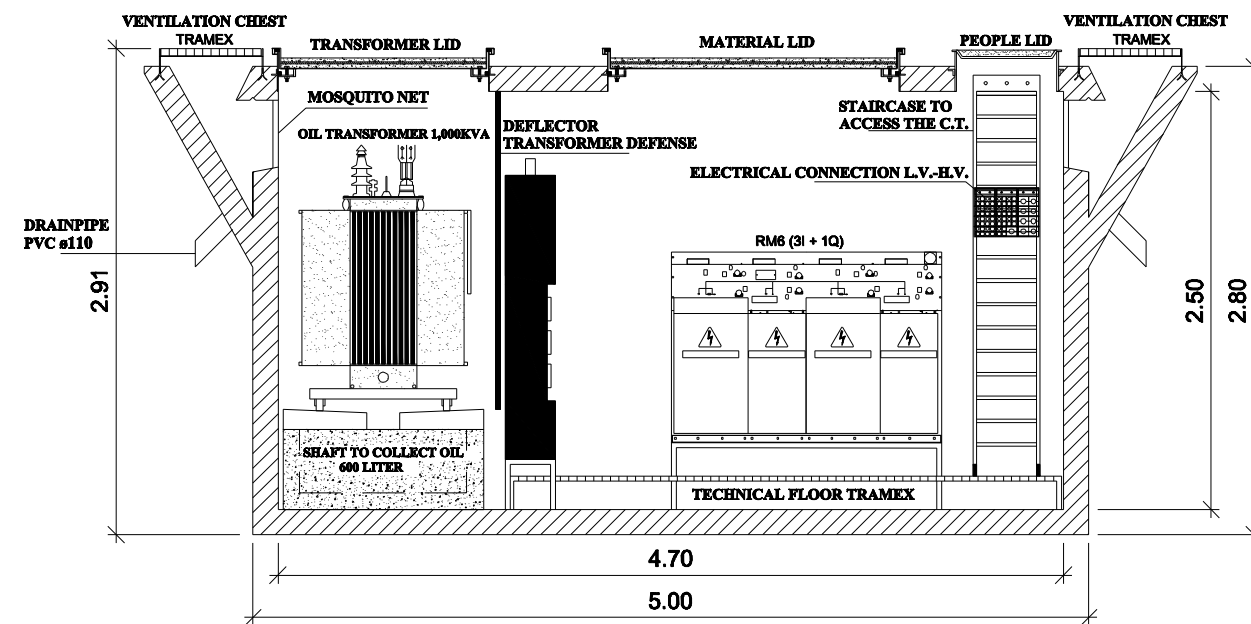
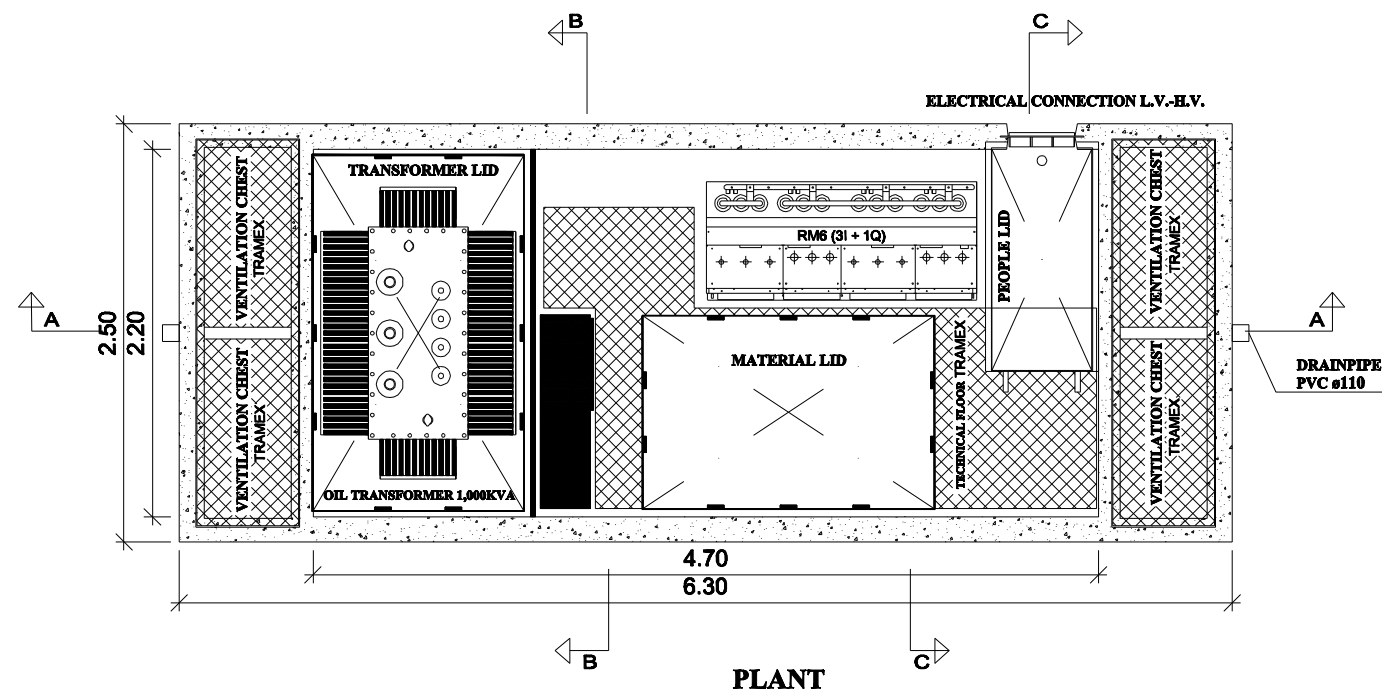
RV 0.6/1kV Al 3x1x240+1x240mm2

RV 0.6/1kV Al 3x1x240+1x240mm2

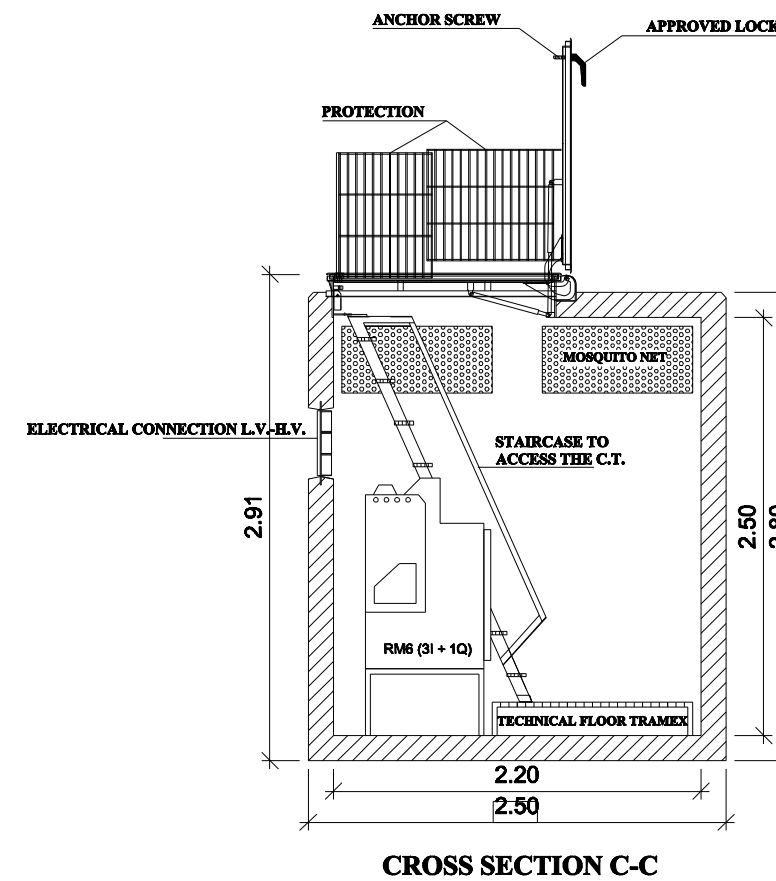
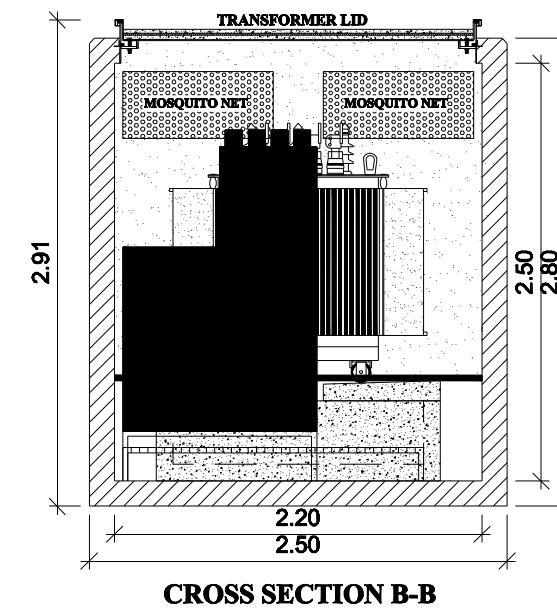
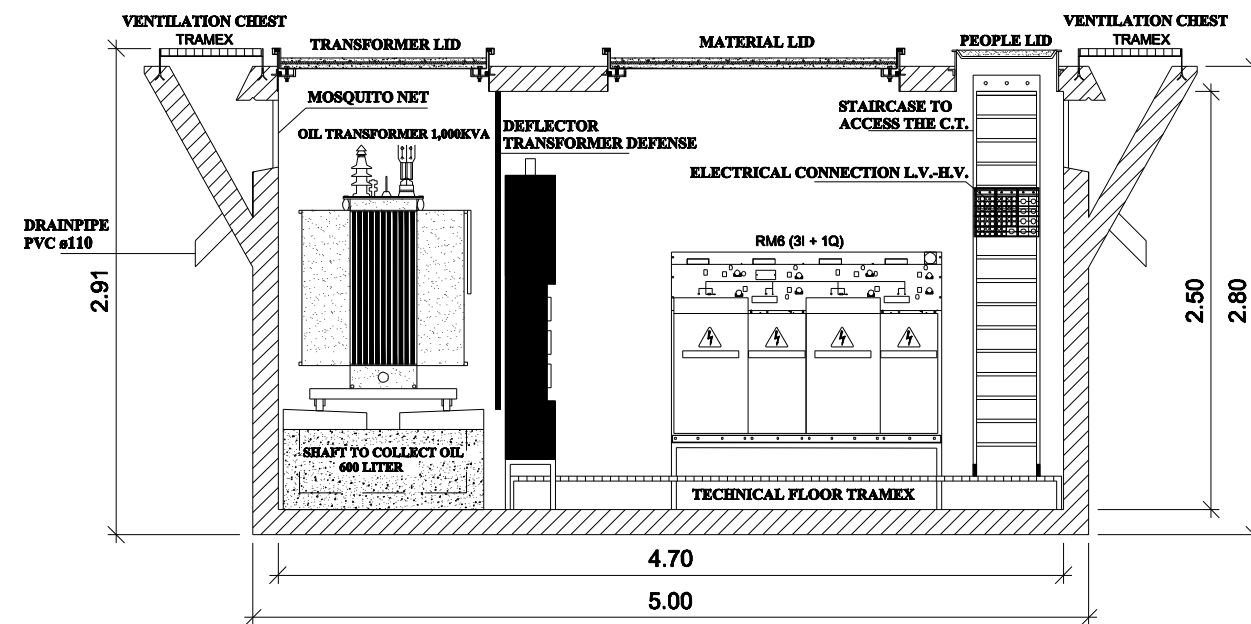
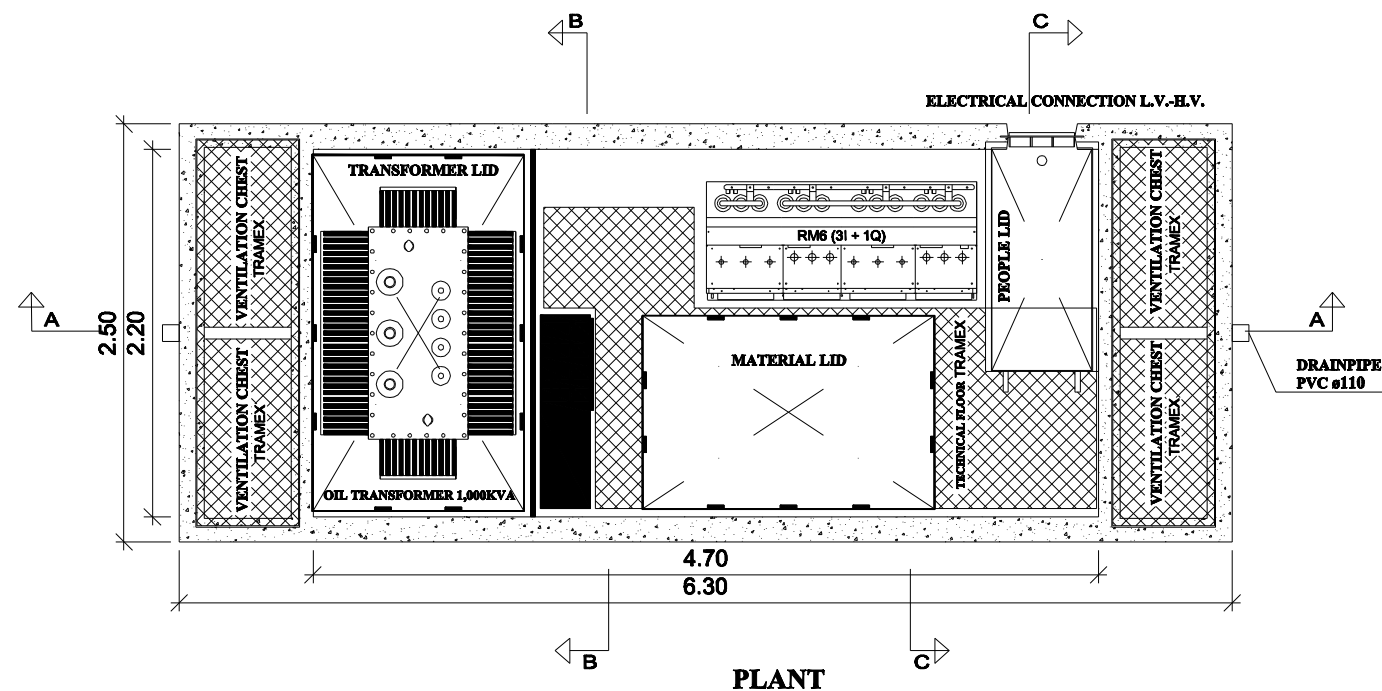
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	SINGLE—LINE CIRCUIT LOW VOLTAGE OF THE C.T. No.3			Drawing: 6
				Page: 04
				Speciality: Electronics



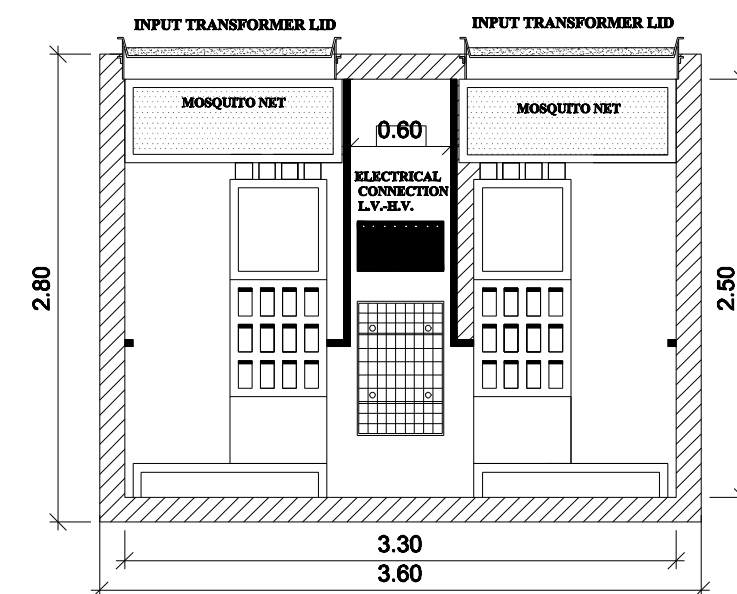
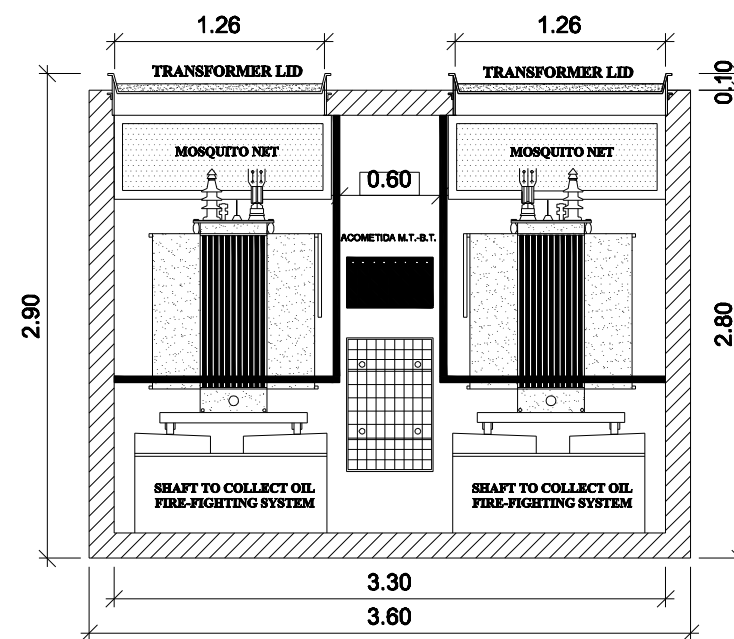
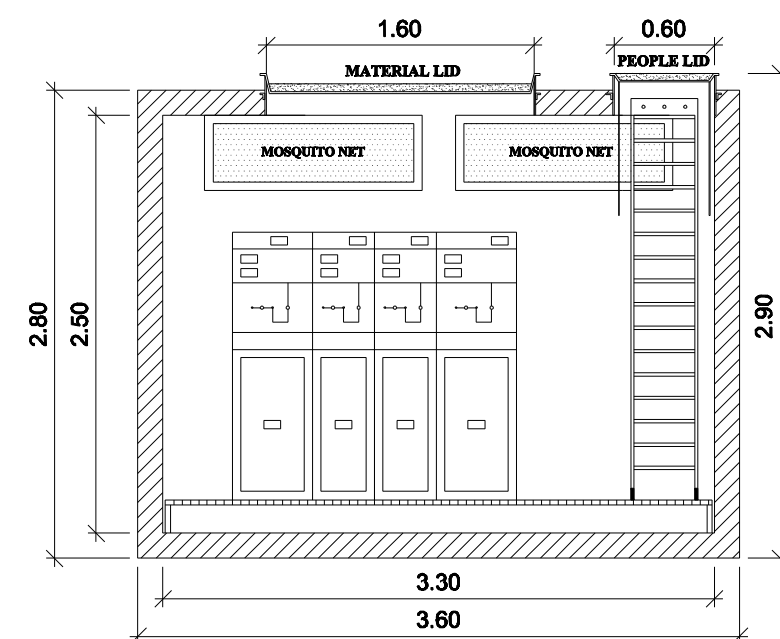
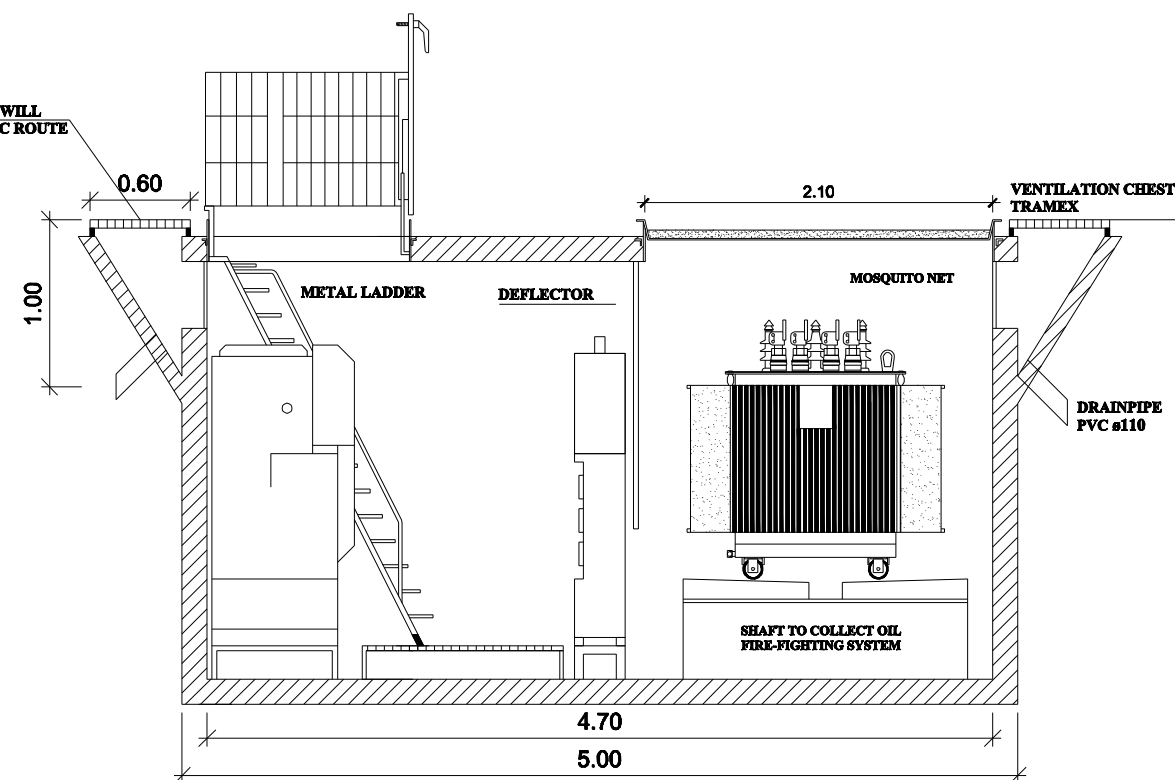
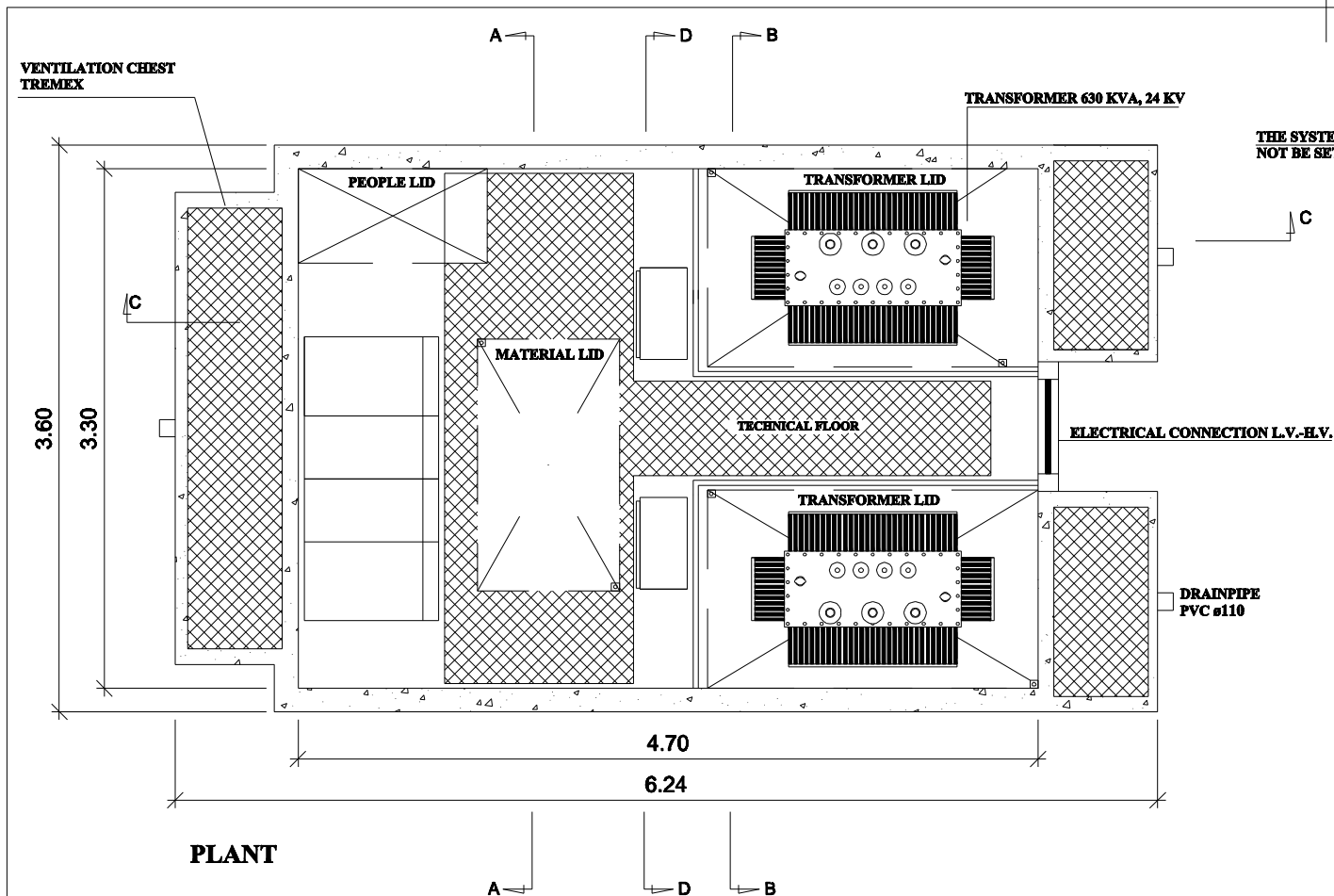
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 1 TRANSFORMER)			Drawing: 7
				Page: 01
				Speciality: Electronics



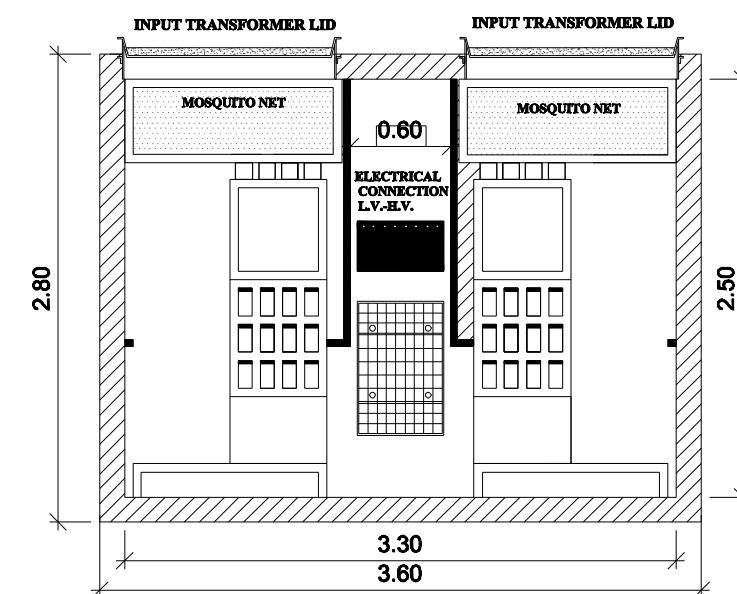
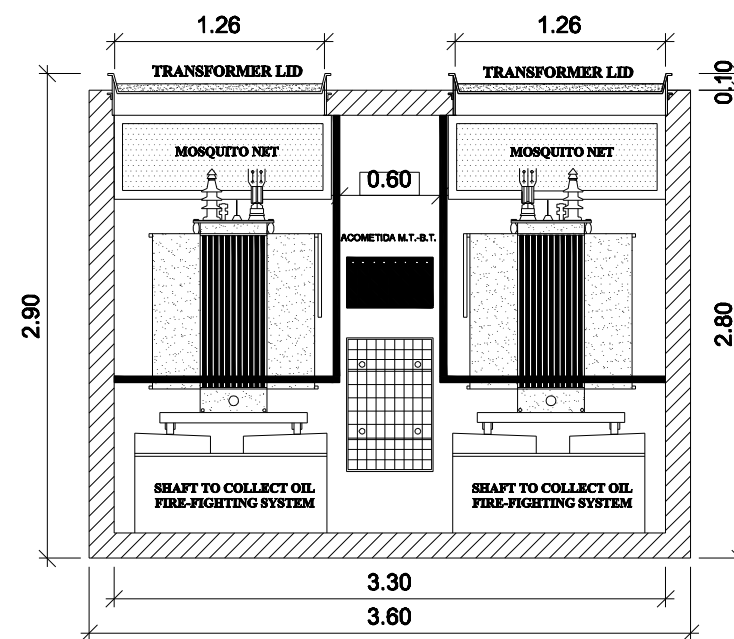
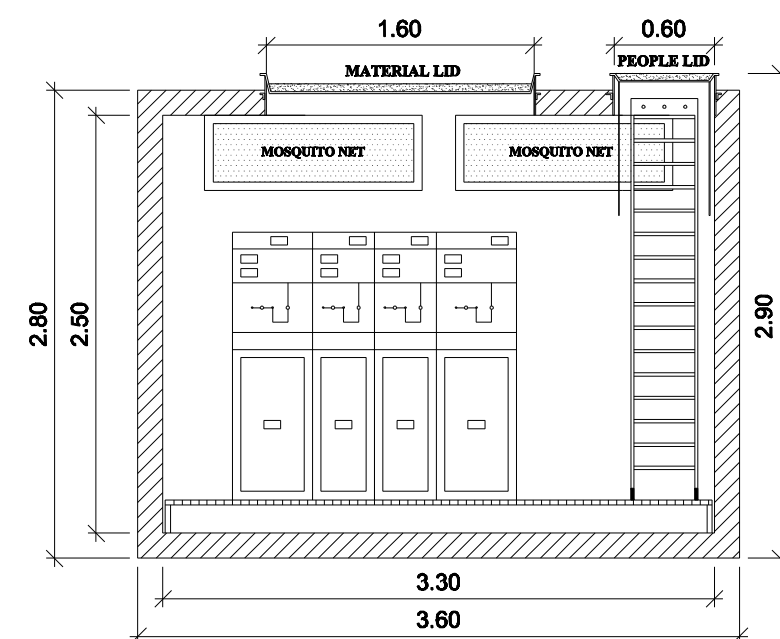
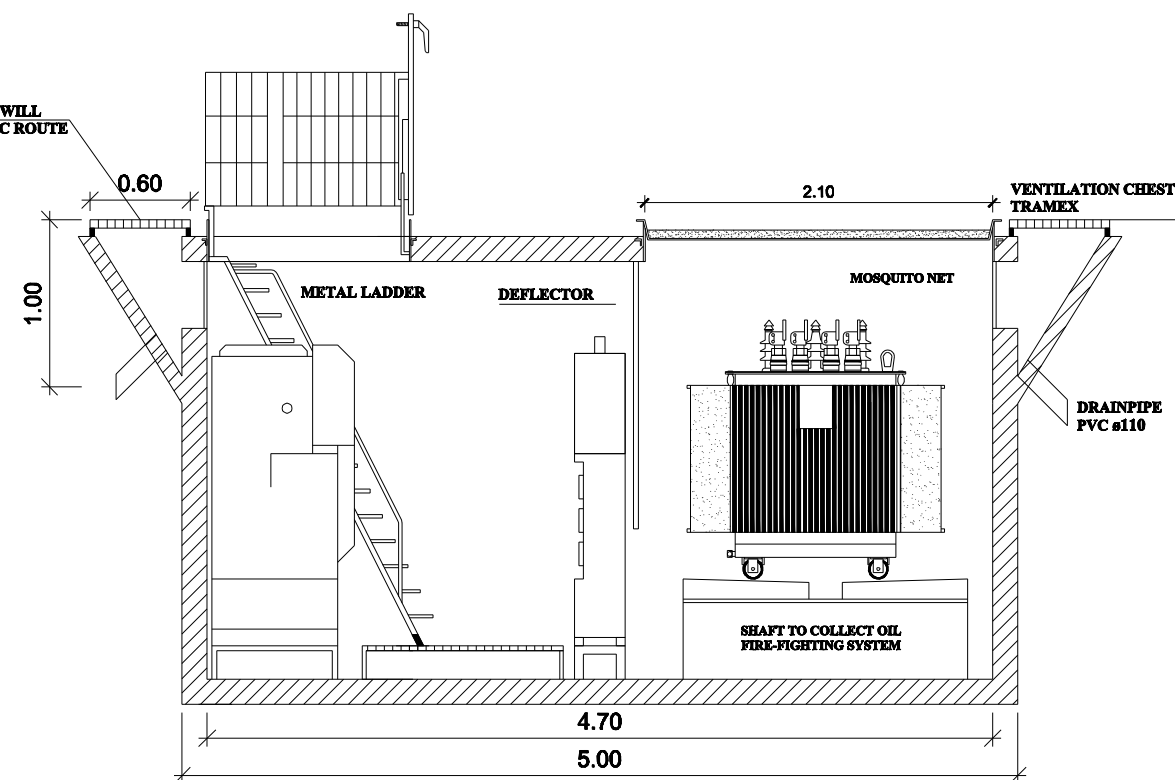
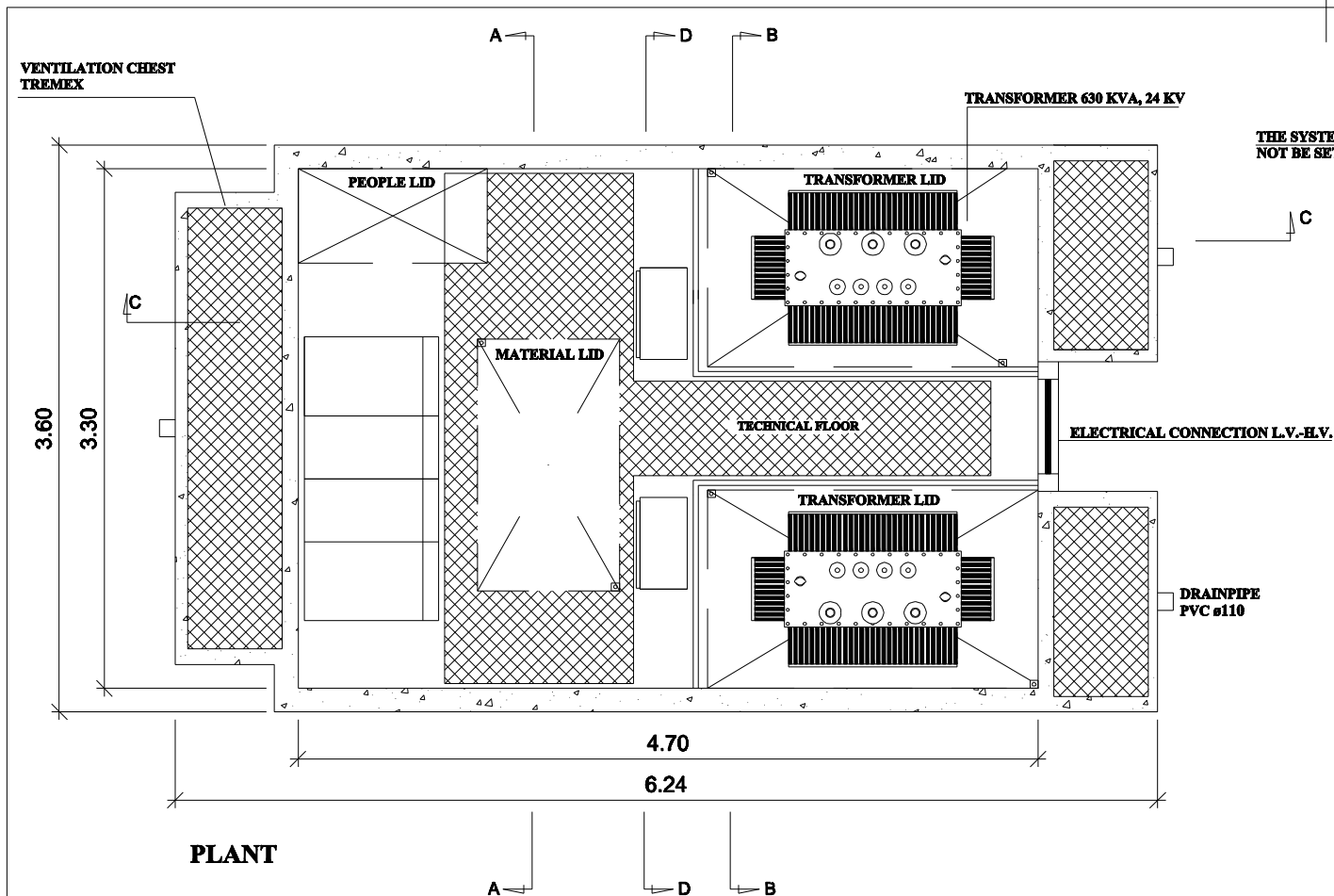
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 1 TRANSFORMER)			Drawing: 7
				Page: 01
				Speciality: Electronics



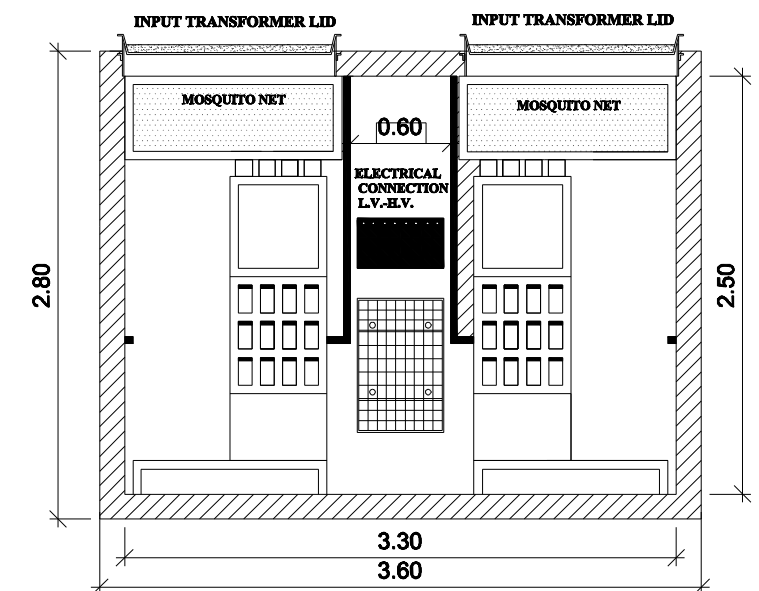
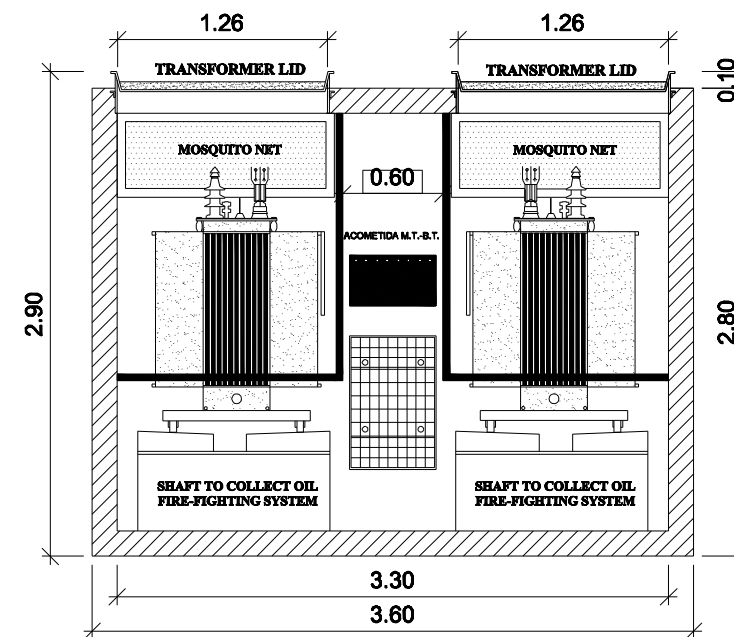
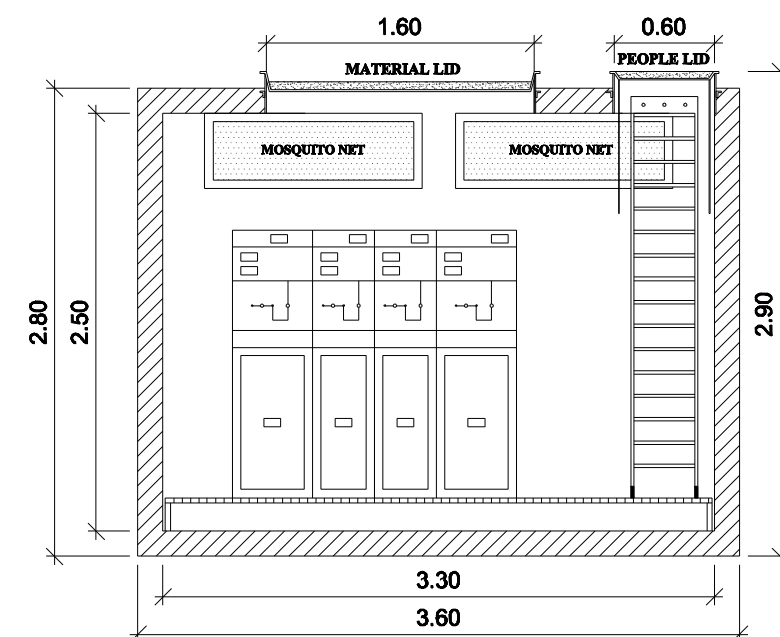
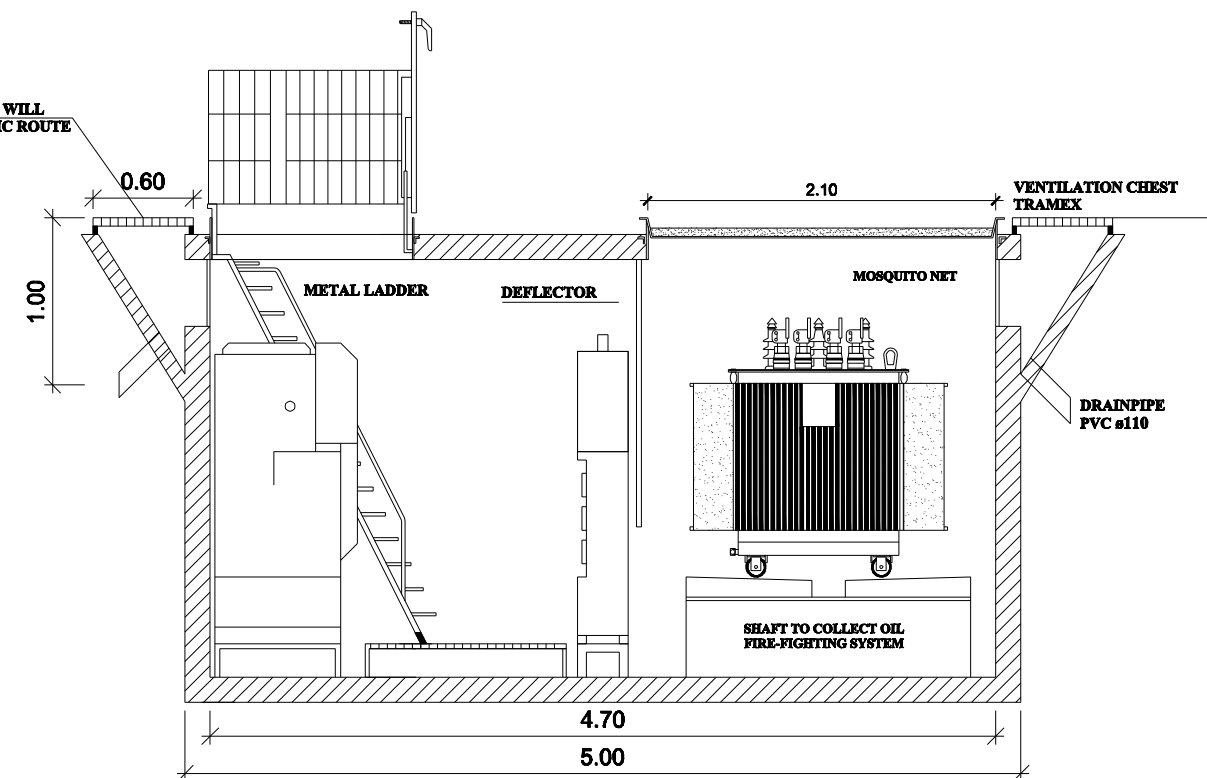
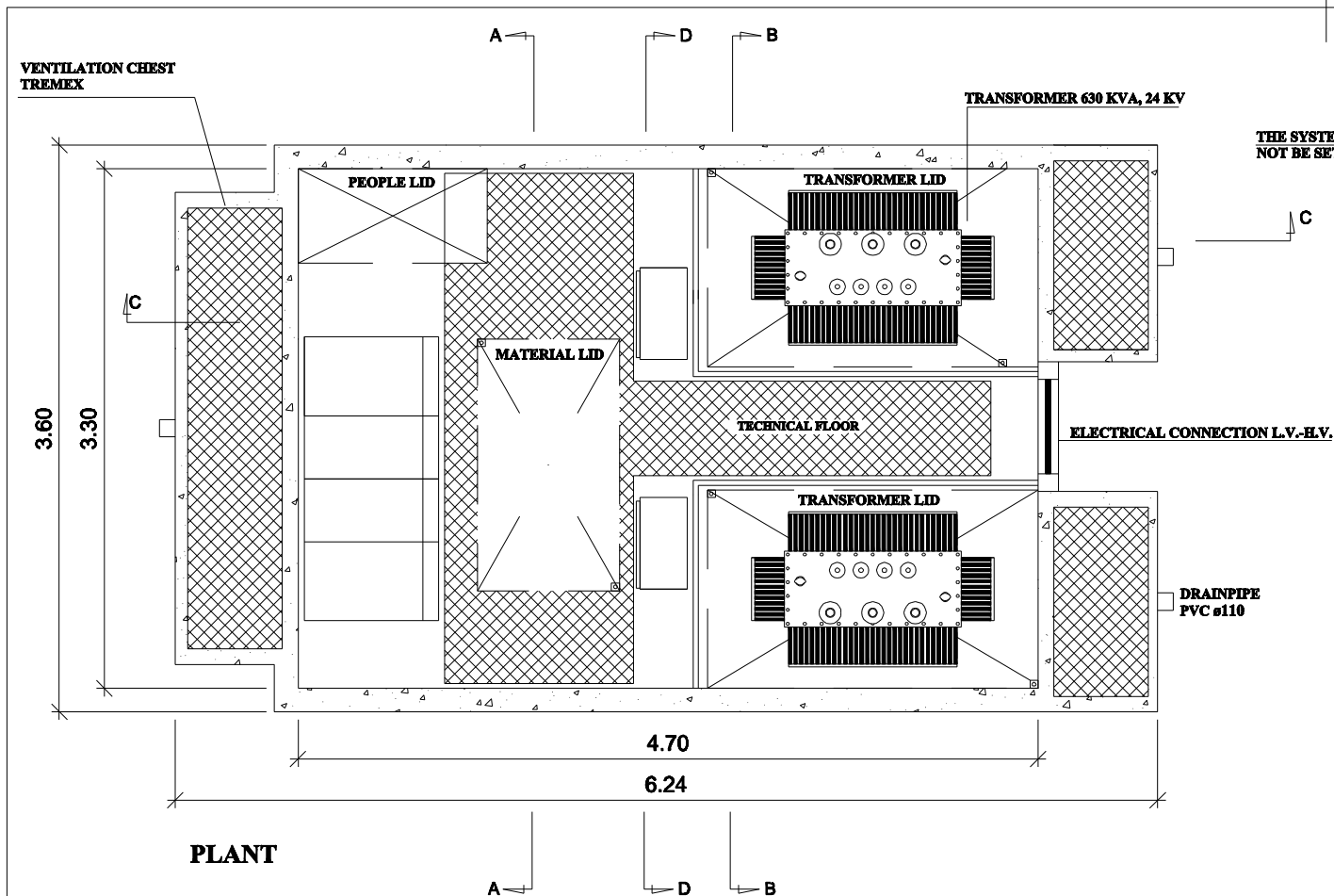
	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 1 TRANSFORMER)			Drawing: 7
				Page: 01
				Speciality: Electronics



	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 2 TRANSFORMER)			Drawing: 8
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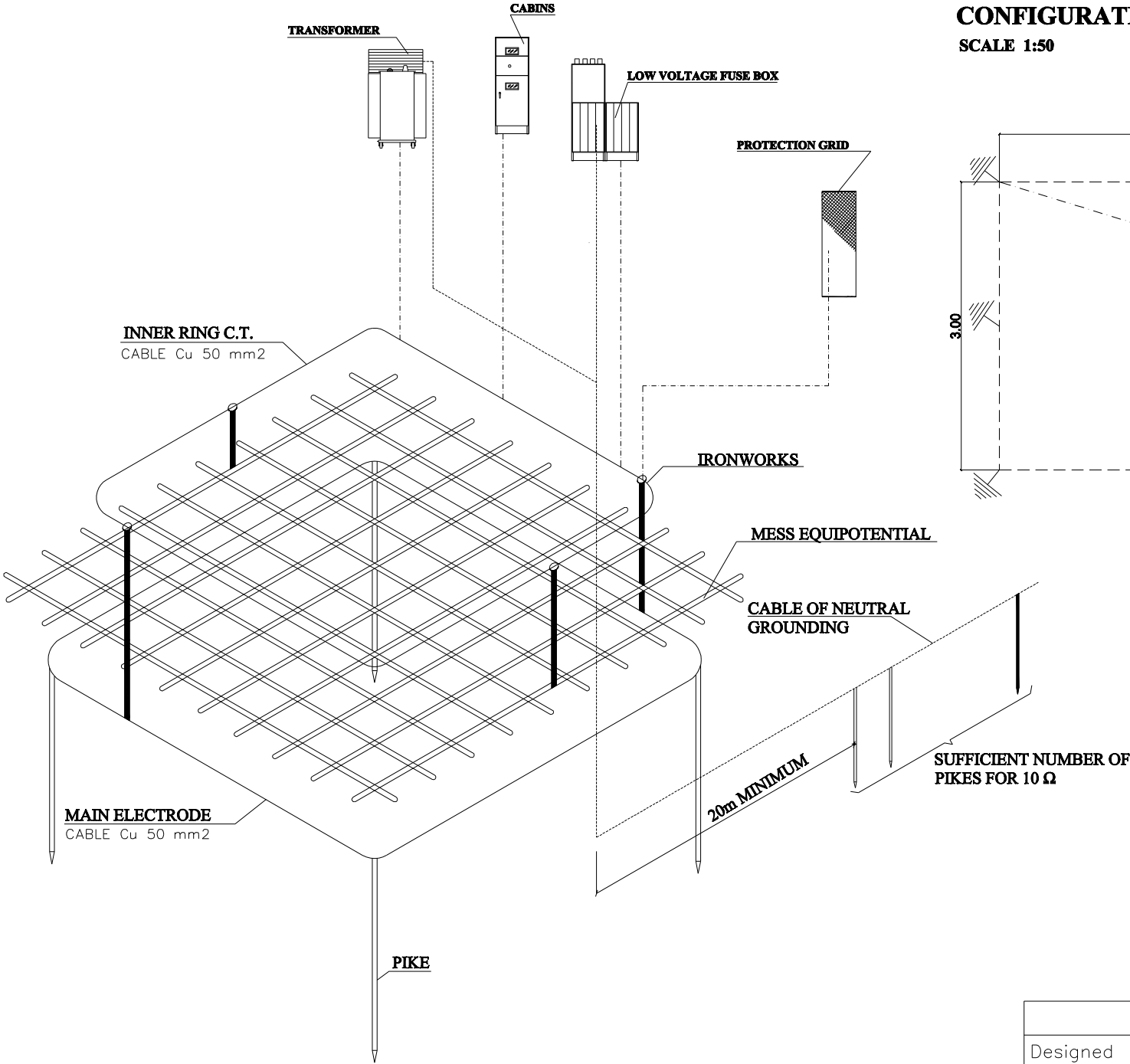


	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 2 TRANSFORMER)			Drawing: 8
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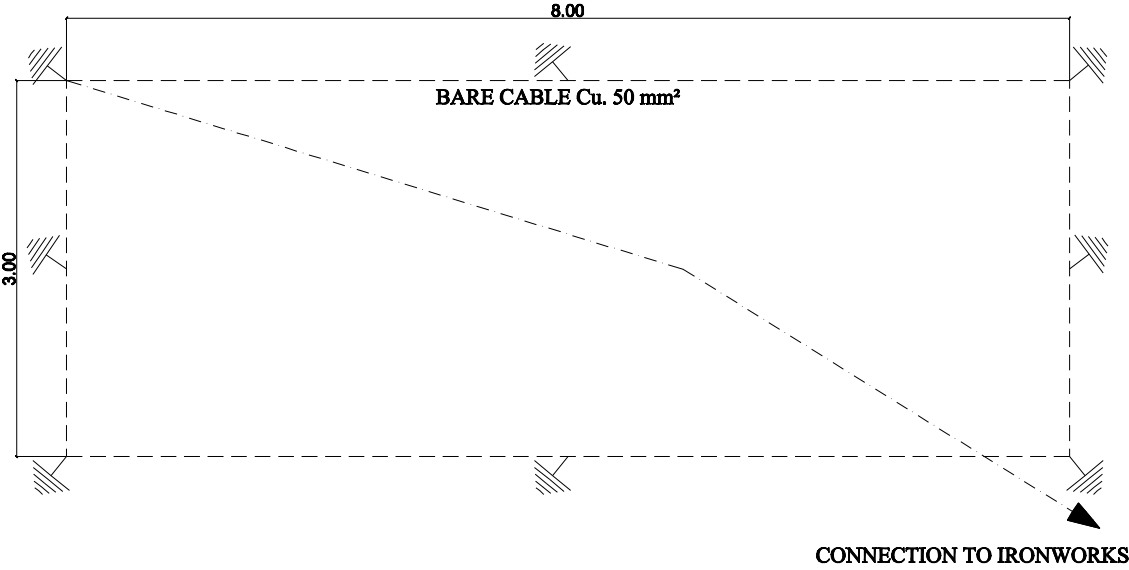


	Date	Name	Signature	GLYNDWR UNIVERSITY
Designed	07.05.10	Daniel Racionero		
Supervised				
Scale:	UNDERGROUND CENTRE OF TRANSFORMATION (FOR 2 TRANSFORMER)			Drawing: 8
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				Speciality: Electronics

GROUND SKETCH

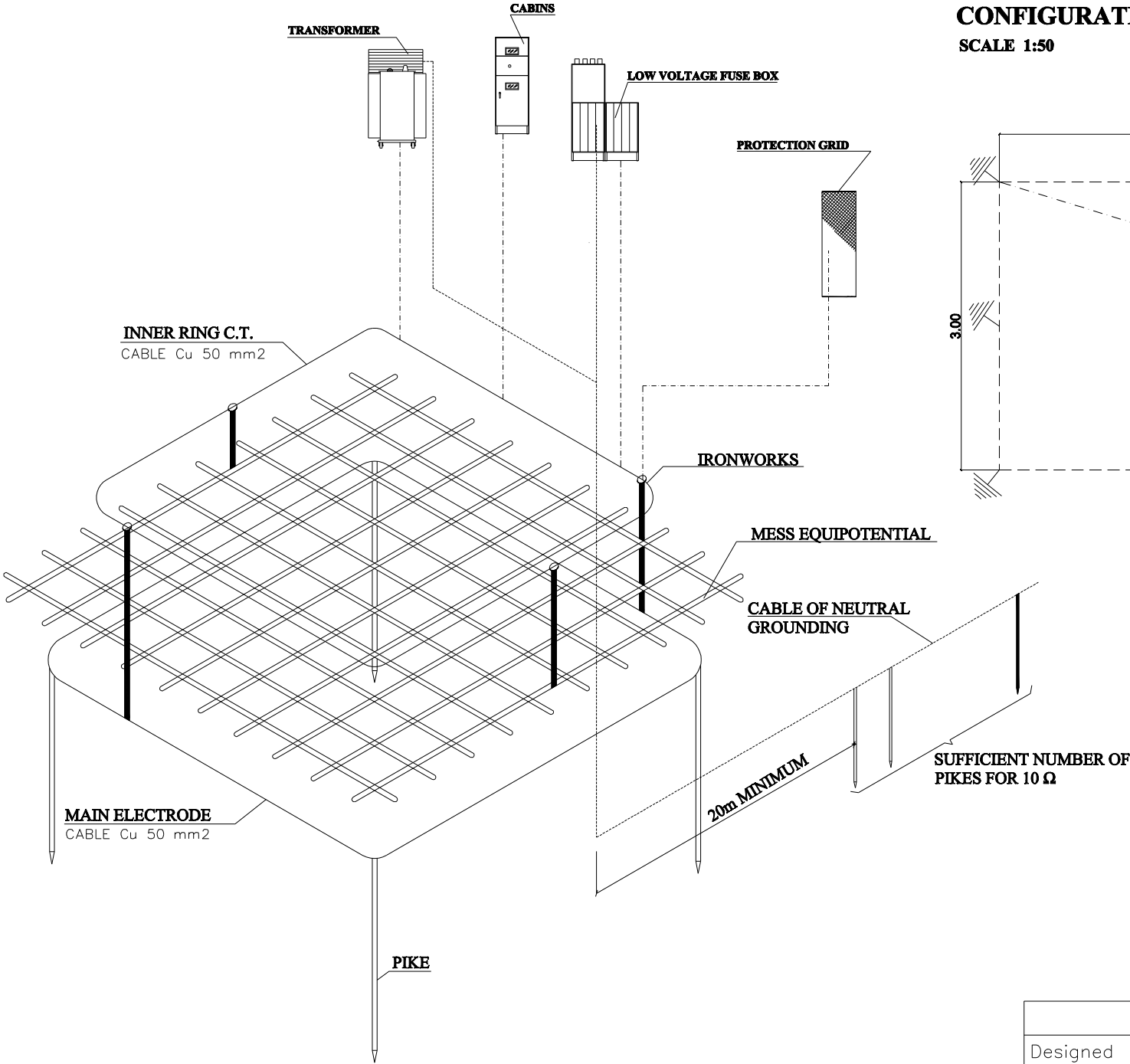


IRONWORK GROUND NET
CONFIGURATION 80-30/8/82
SCALE 1:50

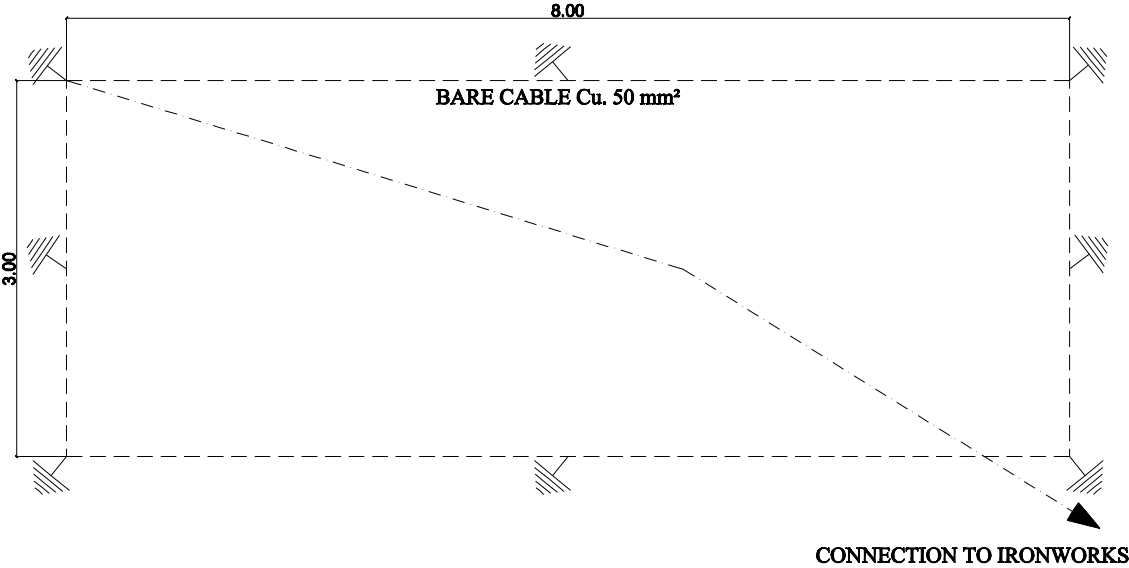


	Date	Name	Signature	GLYNDWR UNIVERSITY	
Designed	07.05.10	Daniel Racionero			
Supervised					
Scale:	GROUND NET			Drawing: 9	
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GROUND SKETCH

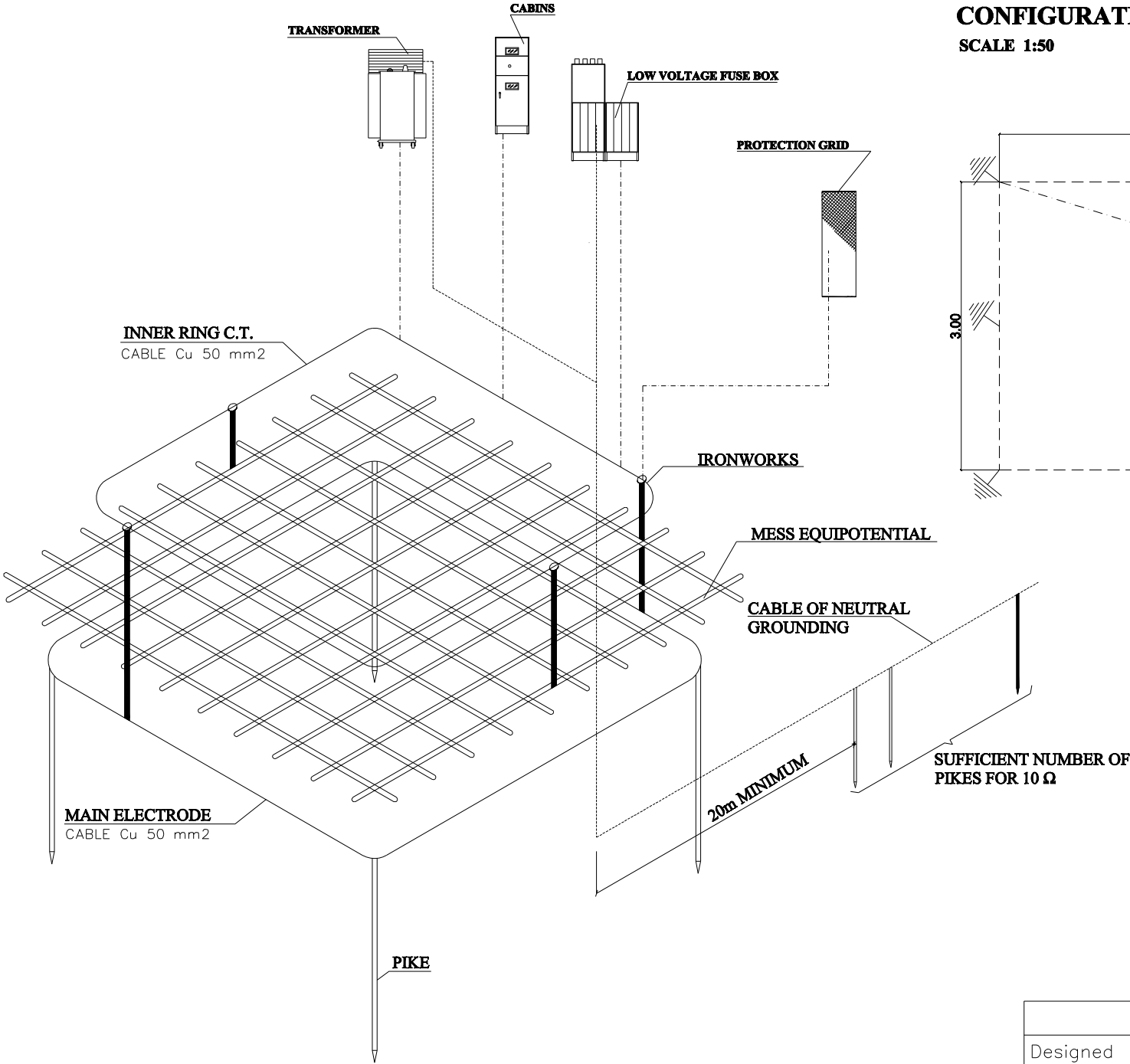


IRONWORK GROUND NET
CONFIGURATION 80-30/8/82
SCALE 1:50

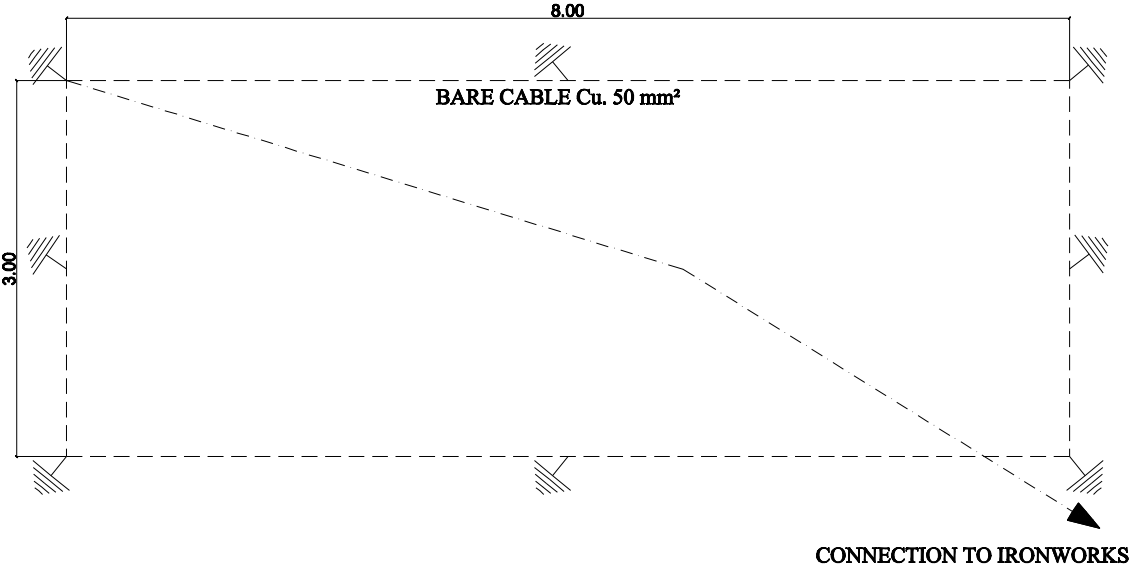


	Date	Name	Signature	GLYNDWR UNIVERSITY	
Designed	07.05.10	Daniel Racionero			
Supervised					
Scale:	GROUND NET			Drawing: 9	
				Page: 01	
				Speciality: Electronics	

GROUND SKETCH



IRONWORK GROUND NET
CONFIGURATION 80-30/8/82
SCALE 1:50



	Date	Name	Signature	GLYNDWR UNIVERSITY	
Designed	07.05.10	Daniel Racionero			
Supervised					
Scale:	GROUND NET			Drawing: 9	
				Page: 01	
				Speciality: Electronics	