

WALL CONSTRUCTION TO CONSIST OF:  
 LOWER LEVEL:  
 200mm RANDOM RUBBLE STONE WALL  
 TO ENGR'S DETAIL & SPECIFICATION  
 100mm BLOCKWORK  
 40mm CAVITY  
 60mm INSULATION  
 215mm R.C. WALL

TO TOP (FIRST FLOOR) LEVEL:  
 INSULATED METAL  
 CLADDING PANELS (KS1000CW) TO  
 ARCHITECTS SPEC.

IN-SITU CONCRETE  
 FLOOR SLAB ON  
 FOUNDATIONS  
 TO ENGINEERS DETAIL

4000x5000mm ROLLER  
 SHUTTER DOORS  
 POWDER COATED TO  
 MATCH CLADDING

150mm SQUARE SECTION  
 ALUMINIUM RWP'S TO B.I.G.T.  
 POWDER COATED FINISH TO  
 MATCH CLADDING.

GALVANISED STEEL  
 DOORSETS PAINTED  
 TO MATCH CLADDING

400mm THICK RC WALL  
 TO TRANSFORMER

CONCRETE BUND  
 TO TRANSFORMER

GALVANISED STEEL STAIRCASE &  
 HANDRAIL 5 NO. RISERS @174MM  
 4 NO. GOINGS @300MM  
 HANDRAIL 900MM ABOVE NOSING  
 LINE OF STAIRS & 1100MM  
 ABOVE LANDING

400kVA  
 HOUSE  
 TRANSFORMER

STEEL FRAME TO  
 ENGINEERS DETAIL

PRECAST CONCRETE STAIRS &  
 GALVANISED STEEL HANDRAIL  
 22 No. RISERS @ 178mm  
 20 No. GOINGS @ 275mm  
 HANDRAIL 900mm ABOVE NOSING  
 LINE OF STAIRS & 1100mm  
 ABOVE LANDING LEVEL.

3000x4000mm ROLLER  
 SHUTTER DOORS POWDER  
 COATED TO MATCH  
 CLADDING

GIS HOIST AREA  
 150mm SQUARE SECTION  
 ALUMINIUM RWP'S TO B.I.G.T.  
 POWDER COATED FINISH TO  
 MATCH CLADDING.

INSULATED METAL CLADDING PANELS  
 TO ARCHITECTS SPEC.

CONCRETE PATH TO  
 ENGINEERS DETAIL

IN-SITU CONCRETE  
 FLOOR SLAB ON  
 FOUNDATIONS  
 TO ENGINEERS DETAIL

GALVANISED STEEL DOORSETS PAINTED TO MATCH CLADDING

200mm RANDOM RUBBLE STONE WALL TO ENGR'S DETAIL & SPECIFICATION AT GROUND FLOOR LEVEL

IN-SITU CONCRETE FLOOR SLAB ON FOUNDATIONS TO ENGINEERS DETAIL

CONCRETE PATH TO ENGINEERS DETAIL

GALVANISED STEEL DOORSETS PAINTED TO MATCH CLADDING

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 INSULATED METAL  
 CLADDING PANELS (KS1000CW)  
 TO ARCHITECTS SPEC.

STEEL FRAME TO  
 ENGINEERS DETAIL

215mm CONCRETE  
 BLOCKWORK WITH  
 2 COATS SELECTED  
 PAINTED FINISH

GALVANISED STEEL  
 DOORSETS PAINTED TO  
 MATCH CLADDING

4000x5000mm ROLLER  
 SHUTTER DOORS  
 POWDER COATED TO  
 MATCH CLADDING

200mm RANDOM  
 RUBBLE STONE WALL  
 TO ENGR'S DETAIL &  
 SPECIFICATION AT  
 GROUND FLOOR LEVEL

150mm SQUARE SECTION  
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215mm CONCRETE BLOCKWORK WITH  
 2 COATS SELECTED PAINTED FINISH

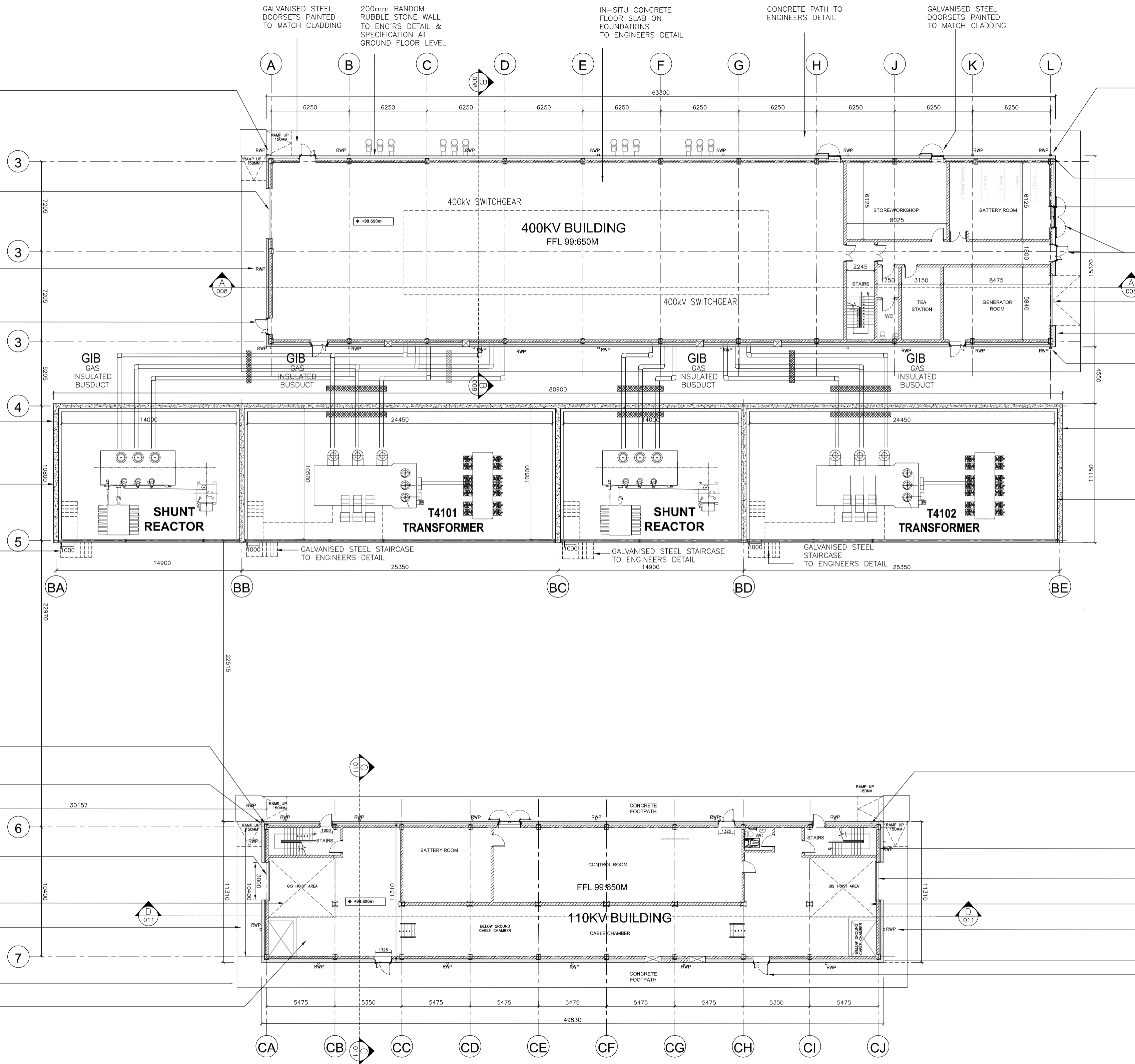
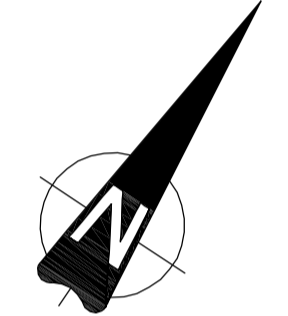
3000x4000mm ROLLER SHUTTER  
 DOORS POWDER COATED TO MATCH  
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 150mm SQUARE SECTION  
 ALUMINIUM RWP'S TO B.I.G.T.  
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GALVANISED STEEL  
 DOORSETS PAINTED  
 TO MATCH CLADDING

IN-SITU CONCRETE  
 FLOOR SLAB ON  
 FOUNDATIONS  
 TO ENGINEERS DETAIL



**GROUND FLOOR PLANS**  
 SCALE 1:200

1	20.11.12	ISSUED FOR CLIENT APPROVAL	TC	TC	JD	BW	SG
A	23.08.12	ISSUED FOR CLIENT APPROVAL	TC	TC	JD	BW	SG
REV	DATE	PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED	DRN	PROV	OVER	APP	
TENDER <input type="checkbox"/> CLIENT APPROVAL <input checked="" type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT <input type="checkbox"/> REVISED <input type="checkbox"/>							
Client							
Project Coolnabacky 400kV Substation COOLNABACKY 400KV SUBSTATION							
Contract LAOIS KILKENNY REINFORCEMENT PROJECT							
Drawing Title Coolnabacky Ground Floor Plans TRANSFORMER, 110KV & 400KV BUILDING GROUND FLOOR PLANS							
Production Unit High Voltage Engineering							
ESB Engineering Solutions, Stephen Court, 18-21 St. Stephen's Green, Dublin 2, Ireland. Tel: +353 (0)1 703 8000 Fax: +353 (0)1 703 7166 Email: marketing@esbie.ie Web: www.esbie.ie ESB Engineering Solutions is a trading name of ESB Engineering & Facility Management Limited. Registered Office: as above Registered in Ireland No. 155249							
DRAWN	PRODUCED	VERIFIED DRA	VERIFIED ELECTRICAL	APPROVED	APPRO DATE		
T.Cassells	TC	T.Cassells	J.Doherty	J.Doherty	14/12/2012		
CLIENT REF	TC207325	NO. OF SHEETS	1	SHEET	A1	SCALE	1:200
DRAWING NUMBER						SHEET REV	
PE610-D002-003-002-001							

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