



LEGEND	
EXISTING SURFACE WATER	--- (dashed green line)
PROPOSED SURFACE WATER	--- (dashed blue line)
CONCRETE ENCASED SURFACE WATER	--- (dashed yellow line)
SURFACE WATER MANHOLE	SW 1 C.L. = 0.000 I.L. = 0.000
GULLY	G1-A
ACCESS JUNCTION (SURFACE)	AJ
PROPOSED PETROL INTERCEPTOR	---
LAND DRAIN	---
CATCH PIT	CP
EXISTING FOUL WATER	--- (dashed red line)
PROPOSED FOUL WATER	--- (dashed orange line)
CONCRETE ENCASED FOUL WATER	--- (dashed yellow line)
FOUL WATER MANHOLE	FW 1 C.L. = 0.000 I.L. = 0.000
ACCESS JUNCTION (FOUL)	AJ
OIL SENSITIVE PUMP	---
RISING MAIN	---
EXISTING WATER SUPPLY	---
PROPOSED WATER SUPPLY	---
SLUICE VALVE	SV
SCOUR VALVE	SV
WATER METER	M
POND/LAKE/SURFACE WATER RETENTION	---
EXISTING LEVELS	+ 100.000
PROPOSED LEVELS	+ 100.000
TOP OF WATER LEVELS	TOW 100.00
ROAD/SURFACES	---
HARDSTANDING AREAS	---
SILT FENCE	---
BERM AREA	---
UPVC DUCT	---

1	09.11.12	ISSUED FOR PLANNING	LK	DC	JMC	BW	DW
0	AUG/12	ISSUED FOR CLIENT COMMENT	FK	SOD	JMC	BW	DW
REV.	DATE	REVISION DESCRIPTION	DRN	PRODVER	COVER	APP	
PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED							
TENDER	<input type="checkbox"/>	CLIENT APPROVAL	<input type="checkbox"/>	CONSTRUCTION	<input type="checkbox"/>	AS-BUILT	<input type="checkbox"/>
Client:	EIRGRID						
Project:	Coolinabacky 400kV Substation						
Contract:	LAOIS KILKENNY REINFORCEMENT PROJECT						
Drawing Title:	SITE DRAINAGE LAYOUT COOLINABACKY 400kV SUBSTATION						
Production Unit:	Civil Building and Environmental						
 ESBI International ESBI Energy Innovation							
ESBI Engineering Solutions, Stephen Court, 18-21 St. Stephen's Green, Dublin 2, Ireland. Tel: +353 (0)1 703 8000 Fax: +353 (0)1 703 7186 Email: marketing@esbi.ie Web: www.esbi.ie ESBI Engineering Solutions is a trading name of ESBI Engineering & Facility Management Limited. Registered Office: as above Registered in Ireland No. 155249							
DRAWN	PRODUCED	VERIFIED CIVIL	VERIFIED ELECTRICAL	APPROVED	APPRO DATE		
L.Kiernan	D.Cody	J.MacCarthy	B.Wall	D.Walsh	13.12.2012		
CLIENT REF	TC207438	No. of Sheets	5	SIZE	A1	SCALE	1:500
DRAWING NUMBER				SHEET REV			
PE610-D002-004-005-001							

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SITE DRAINAGE LAYOUT
 SCALE 1:500