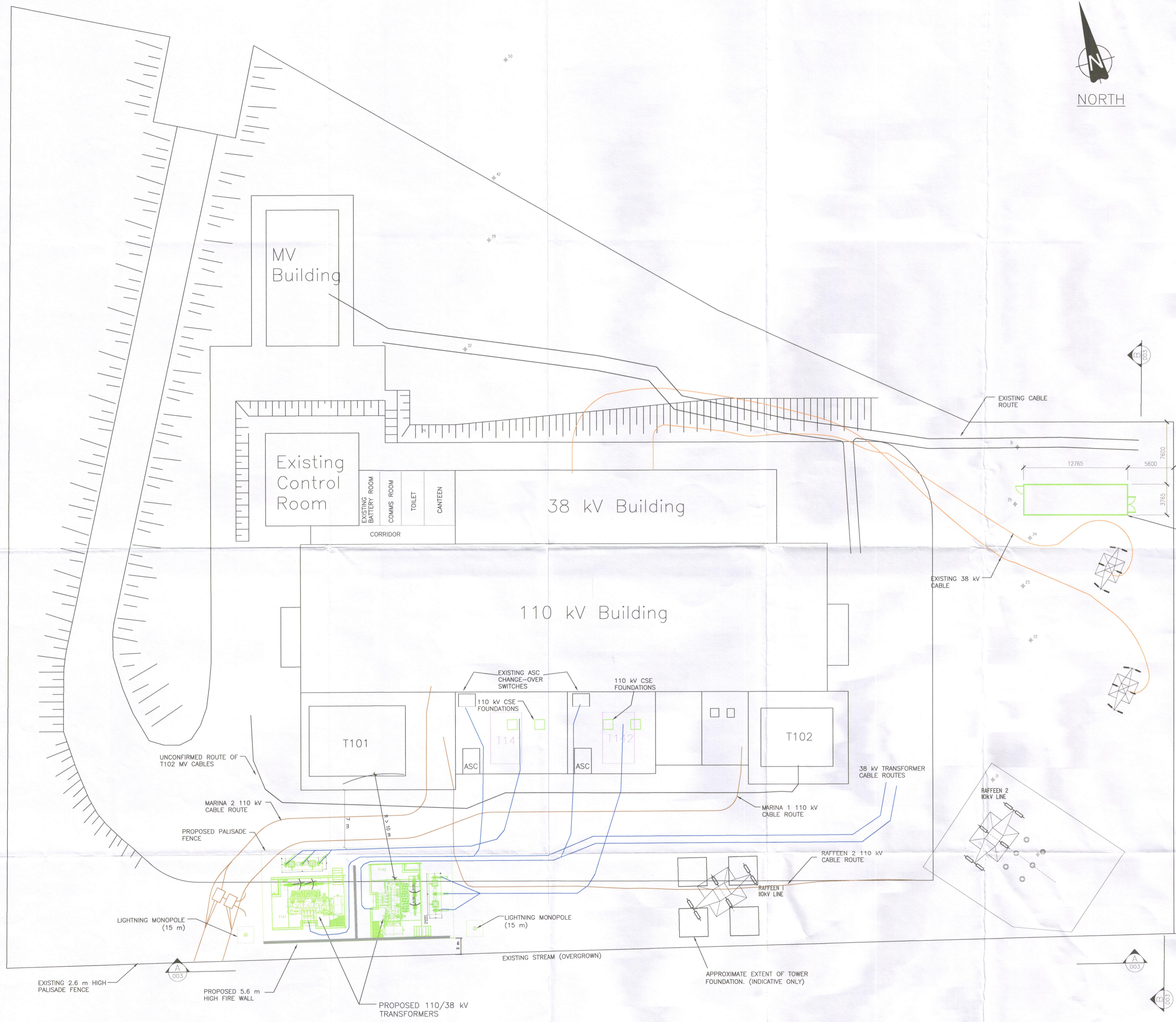


LEGEND

EXISTING EQUIPMENT	
PROPOSED WORKS	
EQUIPMENT TO BE REMOVED	
EXISTING CABLE ROUTES	
PROPOSED CABLE ROUTES	

- NOTES:
1. THE PROPOSED TRANSFORMER BUNDS SHOWN ARE THE CURRENT STANDARD SIZE. THERE IS SPACE TO EXPAND THEM, IF NEEDED, TO ALLOW FOR THE FIRE SUPPRESSION METHODS CURRENTLY BEING TRIALLED.
 2. THE EXISTING 38 kV TRANSFORMER CABLES ARE DUCTED UNDER THE 110 kV BUILDING. IT MAY BE POSSIBLE TO RE-USE THESE DUCTS FOR THE PROPOSED CABLES.
 3. IT MAY BE POSSIBLE TO MOVE ALL THE PROPOSED EQUIPMENT CLOSER TO THE BOUNDARY FENCE, DEPENDING ON THE SIZE OF THE FOUNDATION FOR THE FIRE WALL.
 4. THE LIGHTNING MONOPOLES SHOWN ARE SUBJECT TO CONFIRMATION FOLLOWING A LIGHTNING PROTECTION SYSTEM STUDY OF THE PROPOSED EQUIPMENT.



PROPOSED 38 kV GIS MODULE

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
002		Control room extension removed. 38 kV GIS added.	GR			
001	11/02/20	Modified the fire-wall height to match the height of the proposed transformer. Rerouted the T141 ASC cable. Moved the proposed fire-wall to 2 m from the boundary. Added dimensions to the control room extension.	BH	BH	PD	CT
000	13/01/20	Issued for discussion.	GR	BH	PD	CT

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PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED
 CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

CLIENT

PROJECT **Trabeg 110 kV Substation**

CONTRACT

DRAWING TITLE **TRABEG 110 kV SUBSTATION
110 kV TRANSFORMER AND 38 kV BUSBAR UPDATES
I_CC0012/CP0741 & I_CC0110
PROPOSED SITE LAYOUT**

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
G.Ryan	B.Hallisey	P.Duff	C.Twomey	21/09/2020
CLIENT REF	NO. OF SHTS	SIZE	SCALE	
TC222277	1	A1	1:250	

DRAWING NUMBER **PE492-D037-144-001-002**