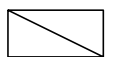
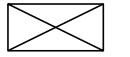


LEGEND

ELECTRICAL FIXTURES & EQUIPMENT

	PANEL BOARD
	MCC PANEL
	DISTRIBUTION BOARD
	UNSWITCHED 13A SINGLE SOCKET OUTLET
	SINGLE PHASE ISOLATOR SWITCH
	THREE PHASE ISOLATOR SWITCH
	UNSWITCHED 13A FUSED CONNECTION
	EUROPEAN SINGLE SOCKET OUTLET
	PHOTOVOLTAIC PANEL

NOTE: # DENOTES
RL - RELOCATE EXISTING DEVICES
RM - REMOVE EXISTING DEVICES
RR - REMOVE AND REPLACE WITH NEW DEVICE
ER - EXISTING TO REMAIN

SCHEMATIC SYMBOLS

	ELECTRICITY METER
	MINIATURE CIRCUIT BREAKER (MCB)
	MOULDED CASE CIRCUIT BREAKER (MCCB)
	AIR CIRCUIT BREAKER
	ELECTRICAL SWITCH
	ELECTRICAL FUSE
	ELECTRICAL FUSE SWITCH

CONTAINMENT

	SMALL POWER TRUNKING, BASKET AND CABLE TRAY
	LIGHTING AND POWER CONTAINMENT

Sheet List Table

Sheet Number	Sheet Title
10005-IRB-XX-GF-D-E-60-01	PROJECT INFORMATION
10005-IRB-XX-GF-D-E-60-02	SINGLE LINE DIAGRAM & MAIN ELECTRICAL ROOM LAYOUT
10005-IRB-XX-GF-D-E-62-01	MAIN FLOOR POWER PLAN
10005-IRB-XX-GF-D-E-62-02	ELECTRICAL DETAILS

Building Load Calculation

	Building	Voltage (V), Ph ()	System Capacity (kW) *	Max Demand (kW) **	Available Capacity (kW)	Existing MIC (kW) ***	Additional Heat Pump Load (kW)	Canteen Load (kW)	DWH Loads (kW)	Total Additional Load (kW)	New Estimated Demand Load. (kW)	New Requested MIC (kW)
	RSTC	400, 3	554	264	290	260	249	0	30	279	543	550
* Based on Nameplate Rating of main electrical distribution equipment ** Sourced from energy bills + 10% safety factor ** Existing MIC												

GENERAL NOTES

- A. DO NOT SCALE FROM THIS DRAWING.
- B. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS TOLERANCES AND REFERENCES BEFORE PROCEEDING WITH WORKS.
- C. ANY DISCREPANCY FOUND BETWEEN THIS DRAWING AND ANY OTHER DOCUMENTS MUST BE REPORTED IMMEDIATELY TO THE CONTRACT ADMINISTRATOR.
- D. REMOVE THIS DRAWING FROM CURRENCY WHEN REVISED DRAWING IS ISSUED.
- E. COPYRIGHT OF DESIGNS SHOWN ON THIS DRAWING REMAINS WITH INTROBA IRELAND LTD.
- F. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT PROJECT DOCUMENTS.
- G. THE CONTRACTOR SHALL REFER TO ARCHITECTS OR INTERIOR DESIGN DRAWINGS INCLUDING REFLECTED CEILING PLANS AND OTHER SPECIALIST DRAWINGS FOR SETTING OUT ALL VISIBLE AND CEILING MOUNTED EQUIPMENT.
- H. THIS PROJECT INVOLVES WORK IN AN EXISTING BUILDING; THEREFORE CAREFUL EXAMINATION OF THE SITE & LOCAL CONDITIONS WILL BE REQUIRED TO DETERMINE THE COMPLETE SCOPE ASSOCIATED WITH CARRYING OUT THE WORK AS INDICATED. ANY EXISTING ELECTRICAL WORK INDICATED ON THESE DRAWINGS SHALL NOT BE CONSIDERED AS "AS-BUILT". THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE CONSULTANT OF ANY DISCREPANCIES. EXTRAS WILL NOT BE CONSIDERED BASED ON THE GROUNDS OF DIFFERENCES IDENTIFIED BETWEEN THESE DRAWINGS AND THE EXISTING CONDITIONS.
- I. THE PLANS AND SECTIONS PROVIDED ARE NOT COMPLETE AND ARE TO BE CONSIDERED DIAGRAMMATIC ONLY TO SHOW GENERAL ARRANGEMENT OF SYSTEMS. THE EXACT LOCATION OF THE PIPING, DUCTWORK, ELECTRICAL AND SUPPORT COMPONENTS ARE TO BE DETERMINED IN THE FIELD. ALL BUILDING SECTIONS AND DETAILS PROVIDED ARE FOR INFORMATION ONLY AND DO NOT RELIEVE THE CONTRACTOR FROM PERFORMING FINAL COORDINATION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL OTHER TRADES.
- J. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO ENSURE THE INSTALLATION OF COMPLETE AND FULLY OPERATIONAL SYSTEMS.

A1 ORIGINAL SIZE DRAWING

02	STAGE 4 ISSUED FOR TENDER	JM	28/08/26
01	STAGE 2b FOR REVIEW	JM	17/07/26
No.	REVISION	CHK	DATE

**Introba**

INTROBA IRELAND LTD
CATHEDRAL COURT
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THE LIBERTIES
DUBLIN 8
D08 C525

CLIENT



PROJECT

RSTC DUNDALK

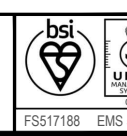
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PROJECT INFORMATION

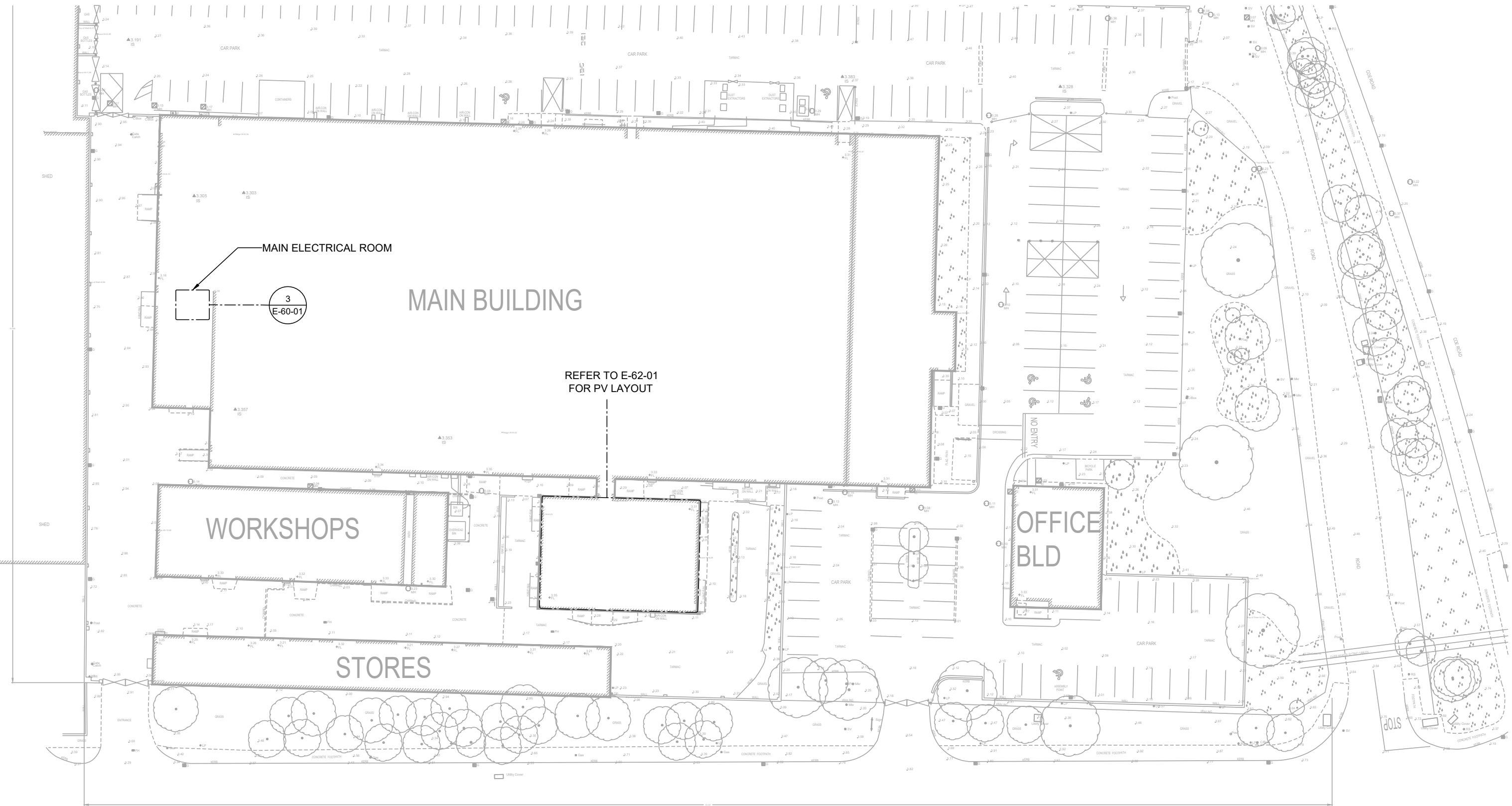
DATE28.08.2026SCALEAS NOTED

DESIGNEDIPCHECKEDJMAPPROVEDJM

SUITABILITY CODESUITABILITY DESCRIPTIONSTAGE 4

DRAWING STATUSSTAGE 4

DRAWING No.10005-IRB-XX-GF-D-E-60-01REVISION



1 KEY PLAN
N.T.S.