



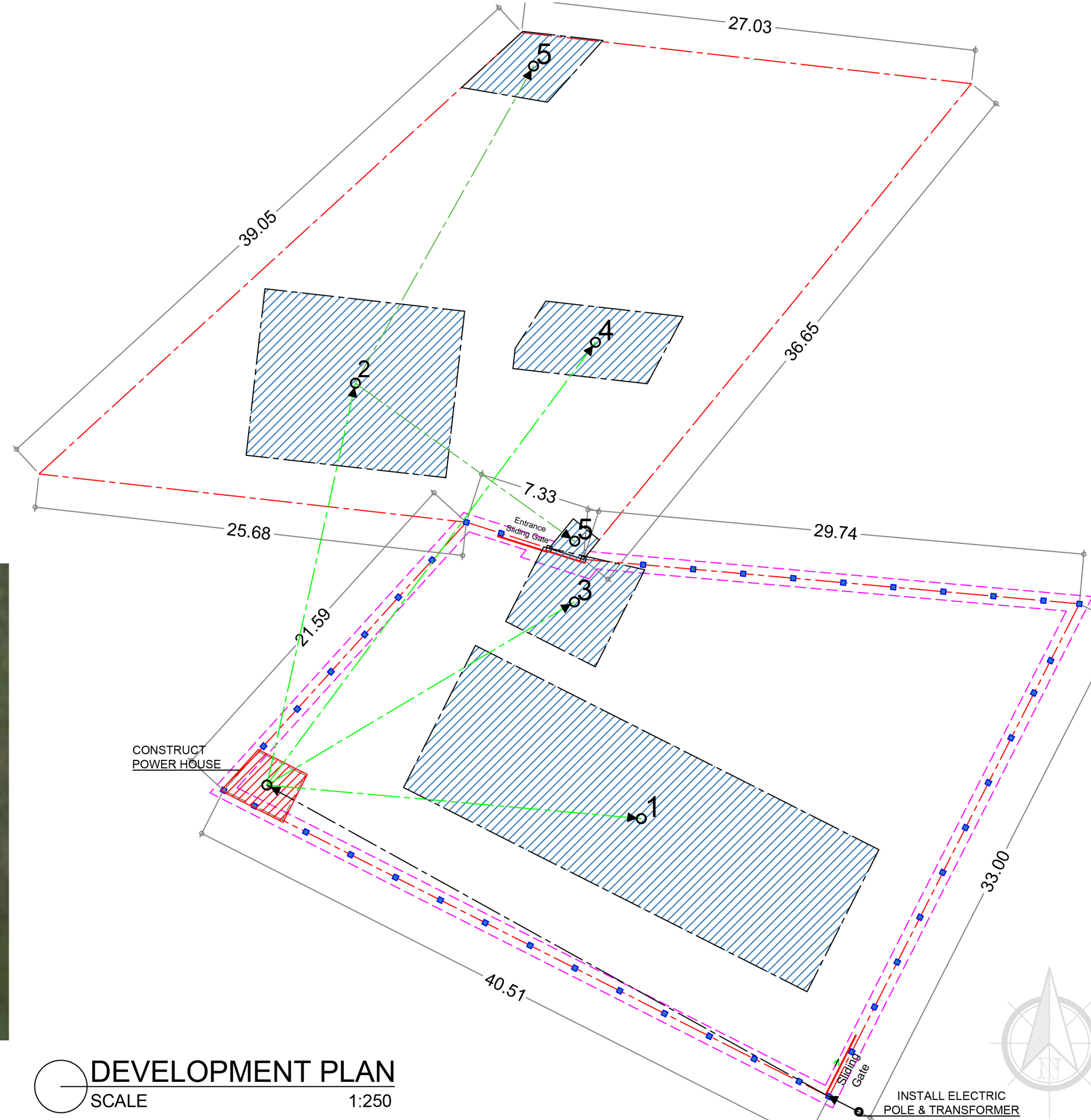


**LEGEND:**

- 1 Four - Storey Male Dormitory Accommodation Building
- 2 Two - Storey Administration Building
- 3 Food Services
- 4 Visitation Building
- 5 Guard Post/Tower
-  Existing Primary Perimeter Fence without Catwalk
-  Existing Primary Perimeter Fence with Catwalk
-  Proposed Construction of 3.00m x 4.00m Power House
-  Proposed Installation of Electric Pole with New 50 KVA Transformer




**VICINITY MAP**

**DEVELOPMENT PLAN**  
SCALE 1:250



INSTALL ELECTRIC POLE & TRANSFORMER

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF INTERIOR AND LOCAL GOVERNMENT BUREAU OF JAIL MANAGEMENT AND PENOLOGY UPPER DOONGAN, BUTUAN CITY</p>	PROJECT TITLE:	DRAFTED BY:	PREPARED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	SHEET NO.:	
	INSTALLATION OF ELECTRICAL CONNECTIONS		Gerald G. Baloyos JQ2 JMP Staff, Logistics Division	MARICAR C. GONZALES JSINSP (RCE) JMP Regional Engineer	RENZ JOSEPH D. BASCUGIN CINSP JMP Chief, Logistics Division	JOLLY C. TAGUIAM JR Jail Chief Superintendent DSC Regional Director of the Jail Bureau	AS SHOWN	A - 1
	PROJECT ADDRESS: SSDJ Annex Cantilan, Pag - antayan, Cantilan, SDS							1   2



# GENERAL NOTES:

All works must be done in accordance with this Plan and Specification and shall be conformity with the latest edition of the Philippine Electrical Code (PEC) requirements of the enforcing authorities and requirements of the local power company.

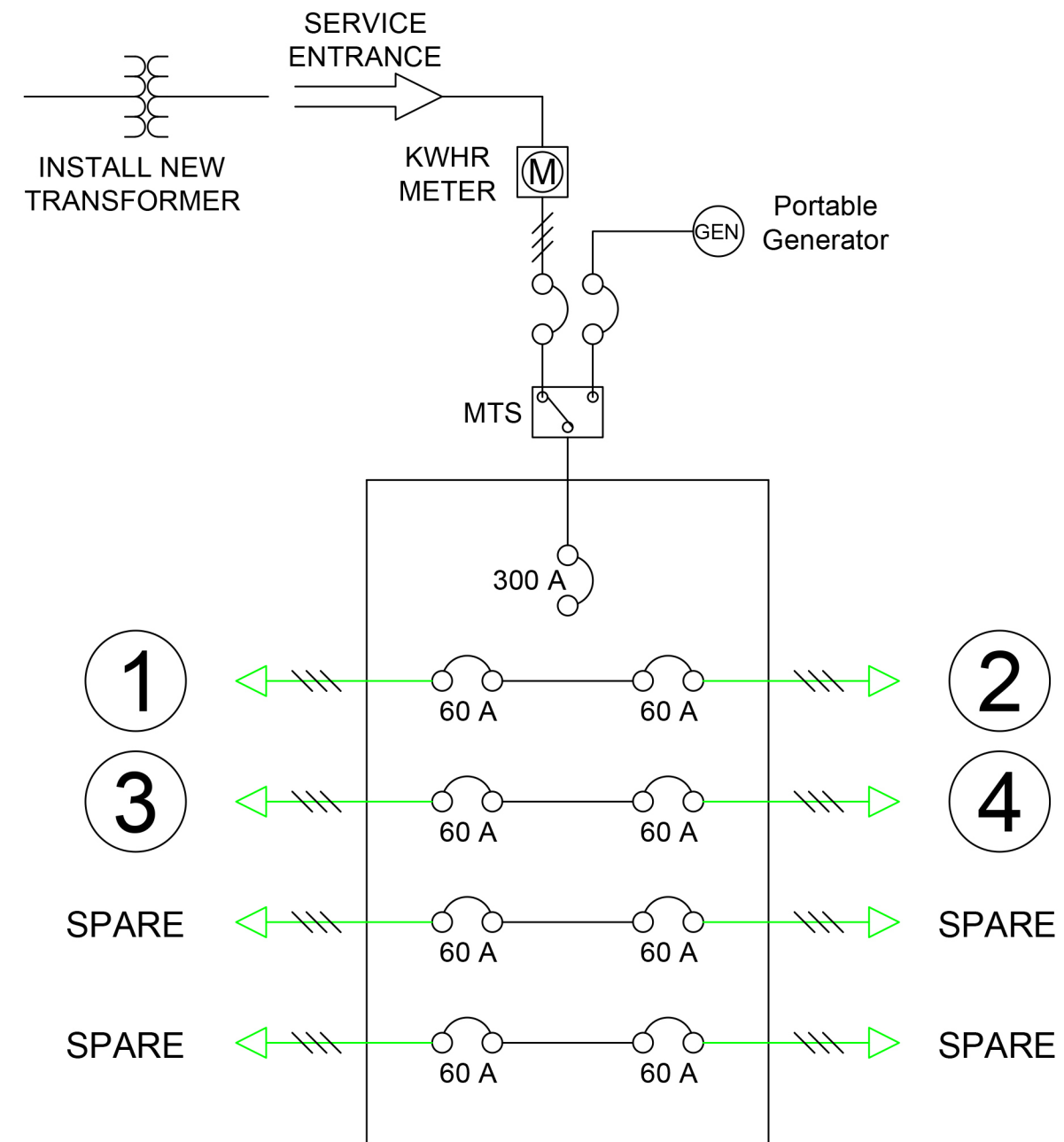
A duly Licensed electrical Engineer or Master Electrician shall be in charge of the Installation during construction.

1. All parts of electric equipment shall be properly and effectively grounded.
2. Service voltage to the building shall be 230V, PH 1,2w,60H.
3. Minimum size of wore and conduit shall be 2.0mm TW copper and 15mmØ (I.D.) respectively.
4. For each spare circuiting the panel board provide empty 20mm inside Ø pvc terminating in a 100mm octagon box above ceiling.
5. No revision in the design shall be done without written consent of the signing professional Electrical Engineer, only revision done without such approval shall cause responsibility of the pee to cease as a whole.

6. Mounting heights (from horizontal centerline) shall be.

Panel Board	=	1370mm (4'-0")
Switches	=	1370mm (4'-0")
Outlet	=	460mm (18")
KWHM	=	1520mm (5'-0")

7. All materials shall be new and approved type circuit breakers General Electric "GE".
8. PVC and uPVC shall be moldex or equivalent approved quality.
9. Panel board shall be approved type, with copper busbar.
10. Wiring devices (switches and outlets) shall be toshiba or equivalent.
11. Wires and cables shall be duraflex philflex Columbia or approved equivalent.



### NOTE:

1. Transfer all Buildings Feeder Line to the Power House.
2. Install New Jail Facility's Main Panel Board at the Power House.
3. Install Solar Lights on Primary Perimeter Fence.

## SINGLE LINE DIAGRAM

	PROJECT TITLE: <b>INSTALLATION OF ELECTRICAL CONNECTIONS</b>	DRAFTED BY: <i>Gerald G. Baboyos</i> JQ2 JMP Staff, Logistics Division	PREPARED BY: <i>Maricar C. Gonzales</i> JSINSP (RCE) JMP Regional Engineer	RECOMMENDING APPROVAL: <i>Renz Joseph D. Bascugin</i> CINSIP JMP Chief, Logistics Division	APPROVED BY: <i>Jolly C. Taguiam Jr.</i> Jail Chief Superintendent DSC Regional Director of the Jail Bureau	SHEET CONTENT: AS SHOWN	SHEET NO.: <b>E - 1</b>	
	PROJECT ADDRESS: SSDJ Annex Cantilan, Pag - antayan, Cantilan, SDS						2	2