

<b>CLIENT</b>	 <b>PAKISTAN SECURITY PRINTING PRESS</b>
<b>CONSULTANT</b>	 <b>SGS PAKISTAN PVT. LTD.</b>

**PAKISTAN SECURITY PRINTING PRESS  
CORPORATION (PVT.) LTD.**

**TOPOGRAPHICAL SURVEY OF 5.3 ACRE LAND**

<b>No. of Pages</b>	Page 1 of 9	<b>Rev.</b>	000	<b>Status</b>	Final	<b>Date of Submission</b>	23-Dec-24
<b>Inspected By</b>		<b>Prepared By</b>		<b>Reviewed By</b>		<b>Approved By</b>	
Ali Haider, Akram, Habib, Majid & Zeeshan		Ali Haider & Akram		Muhammad Mehdi		Tanveer Ali	

## TABLE OF CONTENTS

1. INTRODUCTION .....	3
2. DELIVERABLES .....	3
3. DATA COLLECTION & REVIEW .....	3
4. CONCLUSION .....	3
5. DRONE / AERIAL IMAGES .....	4
6. APPENDICES .....	7

## 1. INTRODUCTION

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SGS Pakistan was assigned to conduct a comprehensive topographic survey of the Pakistan Security Printing Press, situated at Jinnah Avenue, Malir Halt, Karachi. The primary objective of this survey was to accurately determine the elevations across a 5.3-acre site and generate detailed contour lines to support the installation of solar panels.

## 2. DELIVERABLES

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- Topographic Survey Report
- Drone / Aerial Images

## 3. DATA COLLECTION & REVIEW

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Requisite data/documents were collected and reviewed before the commencement of fieldwork. Data include the following:

- Checklist covering the scope of work.

## 4. CONCLUSION

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- The survey data serves as a critical foundation for subsequent planning, design, and execution activities. This information ensures informed decision-making and alignment with project specifications, enabling the efficient integration of solar energy infrastructure within the designated area.
- The topographic survey determined that the land elevations across the 5.3-acre site are relatively uniform.
- The gently sloping topography is well-suited for solar panel installation without extensive modifications.
- Stable land contours improve accuracy in construction planning and execution.
- Consistent terrain ensures efficient drainage and prevents water pooling.

**5. DRONE / AERIAL IMAGES**











## 6. APPENDICES

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❖ APPENDIX – A: Topographic Layout of 5.3 Acre Land

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font, with a vertical line to the right of the 'S' and a horizontal line below the 'G'.

TOPOGRAPHICAL SURVEY



# APPENDIX - A

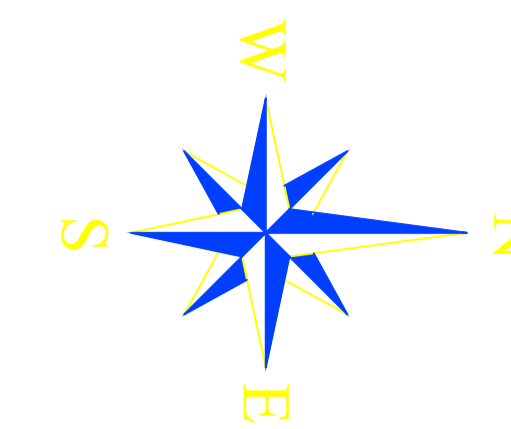
Document No: 5027235

Issue Date: 23-Dec-24

Page 8 of 8

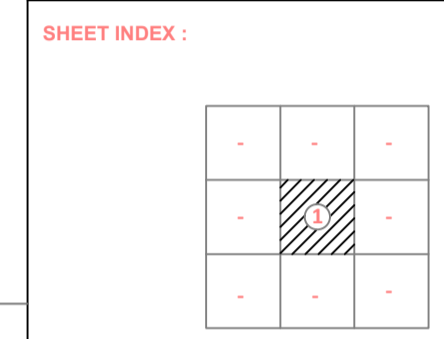
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PROJECT:  
*TOPOGRAPHIC SURVEY OF  
PRINTING PRESS  
PLOT AT MALIR HALT  
KARACHI*

CLIENT:  
SGS



Note:  
1- All dimensions are in meter.  
2- Contour interval 0.20 meter.  
3- Sheet (paper) size A1.

DRAWING NO:	XP-01
SCALE:	1= 600
DATE:	14-12-2024
DRAWN:	KAMRAN
CHECKED:	KHANZADA
APPROVER:	

Reference Datum	Area Of Plot	
Projection	UTM	26180 S.m
Datum	WGS84	Acre Of Plot
zone	42R	6.47 acres

**BENCHMARKS LIST**

S.no	EASTING	NORTHING	LEVEL
BM-1	316448.610	2754119.086	99.923
BM-2	316439.379	2754093.373	99.862
BM-			
BM-			

**LEGEND**

BENCH MARK	
PROPOSED PLOT	
ELECTRIC POLE	
TELEPHONE POLE	
LIGHT POLE	
SPOT LEVEL	
INVERT LEVEL	
LAMPOST	
CCTV	
TRAFFIC SIGNAL	
SIGN BOARD	
TREE	
MOTOR	
WALL HEIGHT	
FIRE HYDRANT	

