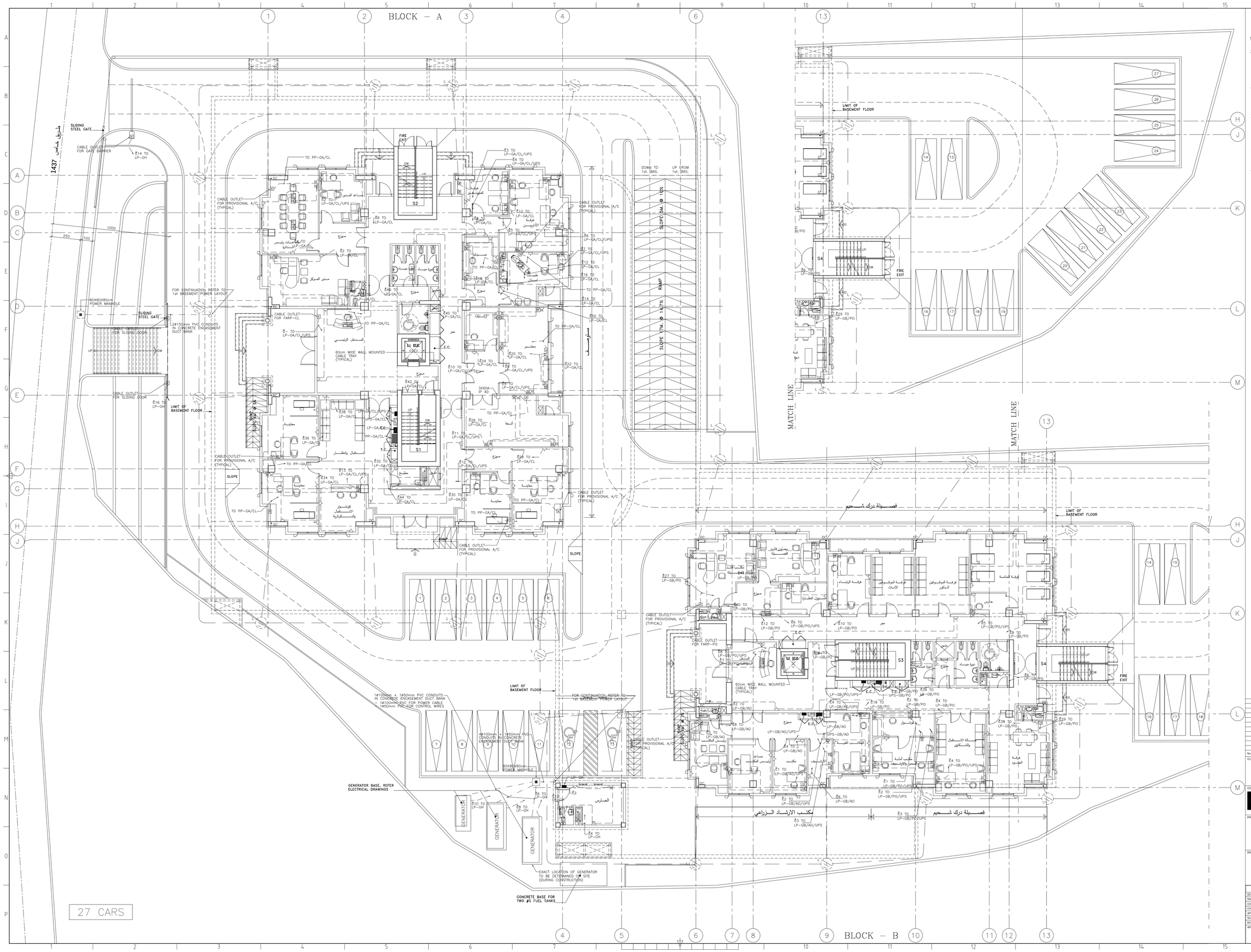

NOTES

1- FOR LIST OF DRAWINGS, LEGEND AND GENERAL NOTES REFER TO DWG. E001

2- CONTRACTOR SHALL MAKE SURE THAT ALL METALLIC STRUCTURES (ON ROOF) CONNECTED TO THE LIGHTNING PROTECTION NETWORK ARE PERFECTLY WELDED AT THEIR JOINTS IN ORDER TO AVOID DISCONTINUITIES IN THE NETWORK.

3- THE EXACT NUMBER AND LOCATION OF THE EARTH PITS FOR POWER,TELEPHONE AND LOW CURRENT SYSTEMS SHALL BE DETERMINED ON SITE IN ORDER TO ENSURE LOW RESISTANCE VALUE AS PER THE SPECIFICATIONS.

4- ALL METALLIC EQUIPMENTS SHALL BE CONNECTED TO LIGHTNING SYSTEM AS PER THE SPECIFICATIONS.

5- EARTH ROD WATER SEAL SHALL BE PROVIDED AT ALL EARTHING/LIGHTNING PITS LOCATIONS.

6- LIGHTTNING DOWN CONDUCTOR SHALL BE FIXED WITH 3 FIXING PER METER AND SHALL BE BONDED TO THE GROUND RING ELECTRODE.

7- LIGHTNING PROTECTION SYSTEM SHALL BE CLASS 1.

LEGEND

- LIGHTNING EARTH PIT.
- HC HORIZONTAL CONDUCTOR
- DC DOWN CONDUCTOR 70mm
- S AIR TERMINAL h=60cm
- LIGHTNING CONDUCTOR
- BURIED CONDUCTOR 95mm

No.	REVISION	APP'D	DATE

CLIENT

الجمهورية اللبنانية
مجلس الإنماء والإعمار

CONSULTANT

خطيب وعلمي
شركة الاتحاد العربي للدراسات الهندسية
Khatib & Alami
consolidated engineering company S.A.L

PROJECT TITLE

CHHIM GOVERNMENTAL OFFICES BUILDING

DRAWING TITLE

GROUND FLOOR PLAN
POWER & LIGHTNING
SYSTEMS LAYOUT

	NAME	
DESIGNED	A.H.	DRAWING No. E202
DRAWN	H.D.	
COORDINATED	H.J.	PROJECT No. BY151600
CHECKED	I.S.	
APPROVED	R.S.	
SCALE	1/100	FILE NAME BY1516-EP-GFL-P
DATE	February 2016	

APPROVED FOR CONSTRUCTION

TENDER SUBMISSION

SHEET No.