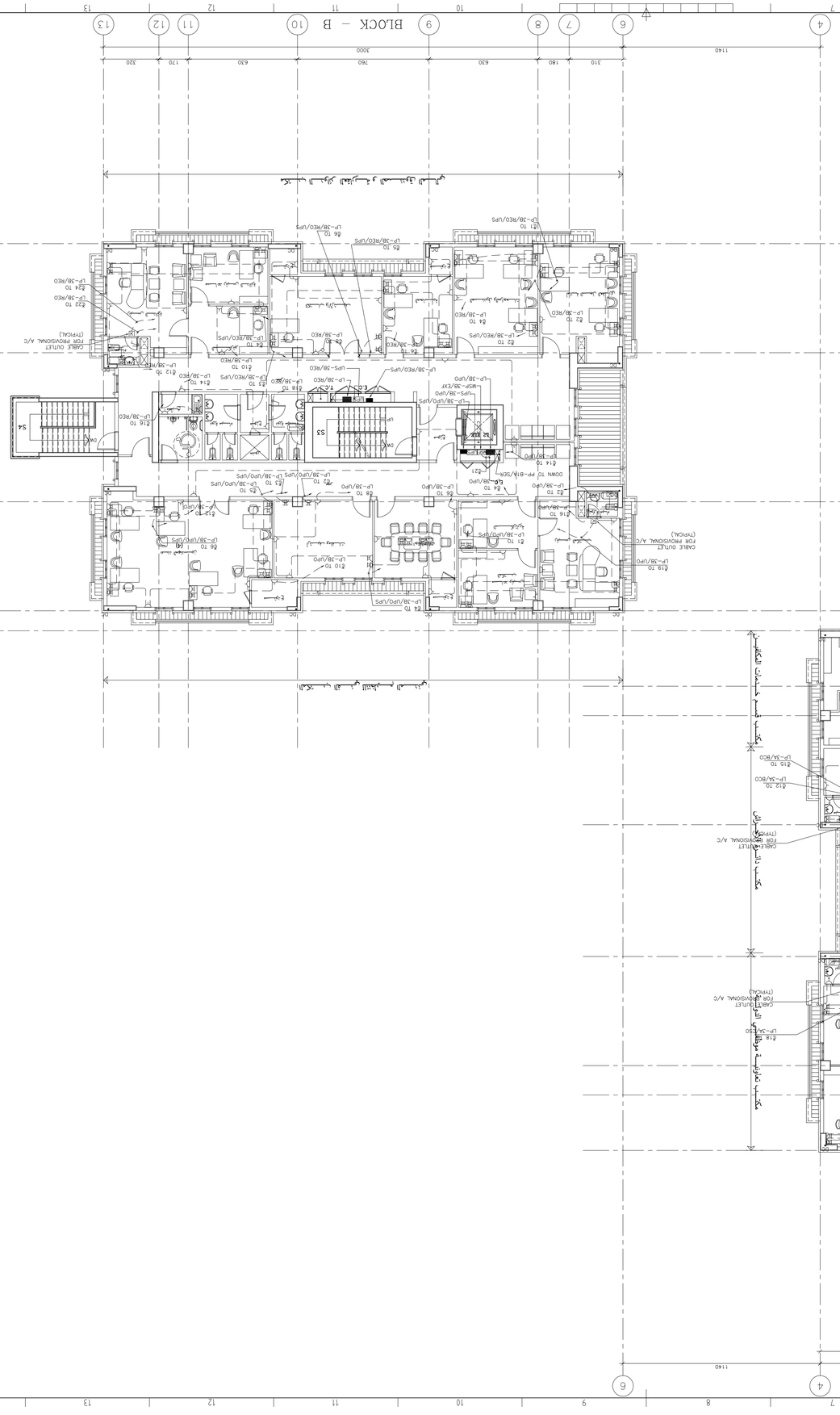
BLOCK – B
BLOCK – A
LEGEND
NOTES
1- FOR LIST OF DRAWINGS, LEGEND AND GENERAL NOTES REFER TO DWG. E001
2- CONTRACTOR SHALL MAKE SURE THAT ALL METALLIC STRUCTURES (ON ROOF) CONNECTED TO THE LIGHTNING PROTECTION NETWORK ARE PERFECTLY WELDED AT THEIR JOINTS IN ORDER TO AVOID DISCONTINUITIES IN THE NETWORK.
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.
LIGHTNING EARTH PIT.
HC HORIZONTAL CONDUCTOR
DC DOWN CONDUCTOR 70mm
AIR TERMINAL h=60cm
LIGHTNING CONDUCTOR
BURIED CONDUCTOR 95mm
TENDER SUBMISSION
APPROVED FOR CONSTRUCTION
SHEET No.
DRAWING No.
NAME
DESIGNED A.H.
DRAWN H.D.
CHECKED R.S.
CODE/DATE H.J.
APPROVED I.S.
PROJECT No. B15160
DATE February 2016 B1516-EP-103-P
SCALE 1/100 FILE NAME
CONSULTANT
Khatib & Alami
خطيب وعلمي
consolidated engineering consultants
PROJECT TITLE
CHHIM GOVERNMENTAL OFFICES BUILDING
DRAWING TITLE
THIRD FLOOR PLAN POWER & LIGHTNING SYSTEMS LAYOUT
CLIENT
No. REVISION APP'D DATE