



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- LIGHTNING 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

الجمهورية اللبنانية مجلس الإنماء والإعمار	 خطيب وعلما Khatib & Alami consolidated engineering company S.A.L.
PROJECT TITLE CHHIM GOVERNMENTAL OFFICES BUILDING	
DRAWING TITLE TOP OF ROOF PLAN LIGHTNING SYSTEM LAYOUT	
DESIGNED: A.H. DRAWN: H.D. COORDINATED: H.S. CHECKED: R.S. SCALE: 1/100 DATE: February 2016 APPROVED FOR CONSTRUCTION:	DRAWING NO.: E207 PROJECT NO.: BY151600 FILE NAME: BY1516-EP-TRF_P SHEET NO.:
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