

REPUBLIC OF LEBANON

Ministry of Public Health

COUNCIL FOR DEVELOPMENT AND RECONSTRUCTION

Supply and Installation of Medical Equipment, Furniture and related Civil and Electromechanical Works for CT Scanner, Standby Generator and ICU Unit to Al Jabal Hospital – Kornayel

VOLUME VI OF VI
LOADED DRAWINGS

ETEC

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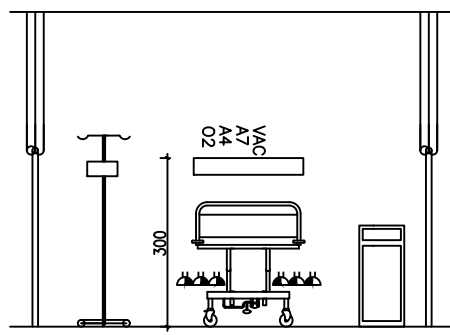
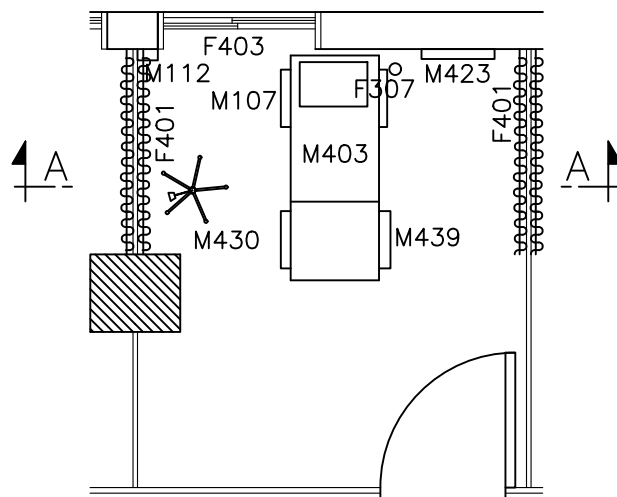
P.O.Box 11-6078 – Beirut

Ph. 961-1-364304/5 Fax 367747

E-mail: etecsal@cyberia.net.lb
info@etecsal.com

Website: www.etecsal.com

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SECTION A-A

ENVIRONMENTAL ROOM DATA GUIDELINES

–Positive air pressure relative to outside(15% excess air)
–25 AC/HR total : 5 AC/HR fresh air
80% air recirculation 15 permitted by codes.
–Variable temperature range 20°–24°c
adjustable locally w/humidity indicator, room
pressure manometer
–Air filtration class 100,99.9 efficiency sterile HEPA
filters–ceiling supply 0/c at face velocity 8–12M/MN
downward movement–exhaust inlet at low levels
(not less than 70mm FFL)
–Remote control gauges may be located at
theatre supervisor

–Lighting intensity
–500 lux wp grade A (selective or variable)
–General lighting connected at least 2 separate circuit
on the essential power supply
–Luminaires should be switched separately or in dual
–Instantaneous change-over to stand by supply is
required

Recommended finishes

Floor– vinyl tiles conductive

Walls– vinyl covering or antifungus paint

Ceiling– square zinc coated mild steel 600x600mm tiles
w/square edges



10/16A ONE GANG, 2P+E, SHUTTERED,
WATER PROTECTED, SOCKET OUTLET, IP44.



10/16A TWO GANG, 2P+E, SHUTTERED,
WATER PROTECTED, SOCKET OUTLET, IP44,
FEEDED FROM UPS.



63A, ONE GANG, 3P+E, SOCKET OUTLET
FOR X-RAY MOBILE.



10/16A TWO GANG, 2P+E, SHUTTERED,
SOCKET OUTLET.

LEGEND:

F127	CURTAIN PATIENT
F152	CURTAIN, RAIL
F307	RECEPTACLE, WASTE STEP ON
F403	CURTAIN, VERTICAL BLIND
M103	DEFIBRILLATOR, W/CAR
M107	MONITOR, PATIENT MODULAR
M112	OXYGENE, FLOWMETER
M113	RESUSCITATION EQUIPEMENT ADULT
M115	VENTILATOR, ADULT/PEDIATRIC
M122	CENTRAL STATION, 6 MONITORS
M150	VIDEO SURVEILLANCE, CCTV SYSTEM
M206	REFRIGERATOR, UNDER COUNTER
M207	BED PAN, WASHER
M403	BED, ICU
M404	BEDPAN, WASHER
M406	BOTTLES, URINE
M407	DRUG SAFETY CABINET
M414	CLOCK
M422	LARYNGOSCOPE, SET
M423	LIGHT, EXAMINATION WALL MOUNTED
M430	PUMP, INFUSION
M431	RACK, BEDPAN
M432	RACK, URINE BOTTLES
M439	STAND IV
M440	STETHOSCOPE
M442	SYRINGE, PUMP
M445	TROLLEY, DRESSING
M448	TROLLEY, INSTRUMENT

Note:

For reference only, not to scale.

استشارات هندسية
ETEC ETUDES TECHNIQUES
Established in 1985 - C.P. 16913-PO BOX 11-078 BEAUFORT-LABOURE
Tel: 819/1/34394/5 Fax: 1/36747 WEB SITE: WWW.ETECAL.COM
E-mail : etecad@cyberia.net.lb - info@etecad.com
DATE NOV 2024
DRAWN E.B.H.
DESIGNED S.A.J.
CHECKED S.A.J.
APPROVED E.A.J.
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AL-JABAL HOSPITAL - ADDENDUM No1

TITLE
ENVIRONMENTAL DATA
& ADDITIONAL UTILITIES
INTENSIVE CARE
SCALE NTS
FORMAT A4

CODE
CKGH-AD1
PLANN
CKGH-L04