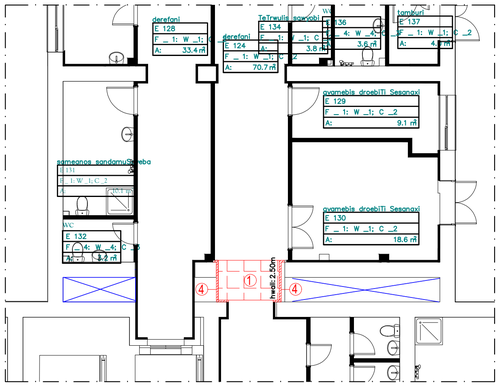
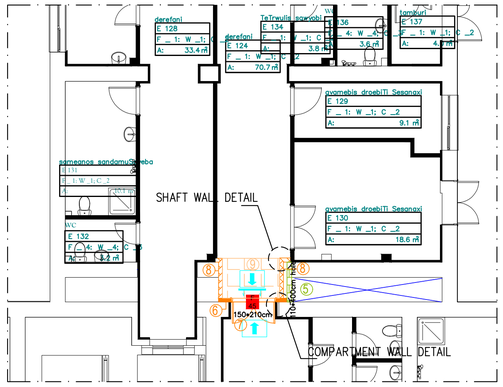


① DEMOLITION PLAN – FIRST FLOOR #106–AR–003
1/100

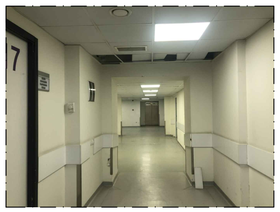


② NEW CONSTRUCTION PLAN – FIRST FLOOR #106–AR–003
1/100

1. Demolition of grid suspended ceiling– total 2.6m2
2. Demolition of equipment on the ceiling –1 25*45 culvert
   –Ø200 flexible duct (5m)
   –Ø200 duct (4m)
   –200m3/s toilet exhaust duct
   –200*300 metal sheet duct
3. Demolition of equipment on walls–1 room thermostat
   2 single switch
   1 oxygen–vacuum panel
   2 white coated MDF crash plate (25cm height)
   1cm thickness
   aluminum corner plates at plasterboard joints
4. Demolition of plasterboard walls of the shaft (343*250cm)
5. Closing the hole in front of the shaft by bims wall (110*400cm)
6. Construction of new EI60 compartment wall–2*12.5mm manufactured from both sides–as shown in the elevation drawing.
7. Provide a new double–leaf, EI45 fire door (150*210cm) to the compartment wall.
8. Construction of new EI120 shaft walls: by mounting 2*25mm plasterboards manufactured from one side–(343*250cm)
9. Mounting new grid suspended ceiling– total 2.6m2
10. Reassembling of equipment on the ceiling –1 25*45 culvert
    –Ø200 flexible duct (5m)
    –Ø200 duct (4m)
    –200m3/s toilet exhaust duct
    –200*300 metal sheet duct
11. Reassamble of dismantled equipment on walls–1 room thermostat
    2 single switch
    1 oxygen–vacuum panel
    2 white coated MDF crash plate (25cm height) 1cm thickness
    aluminum corner plates at plasterboard joints
12. Install fire damper on ducts
13. Firestopping around the cavities
14. Repairing of vinly tiling on the floor of the parts which are damaged while demolishing the walls.

LEGEND AND MATERIAL LIST

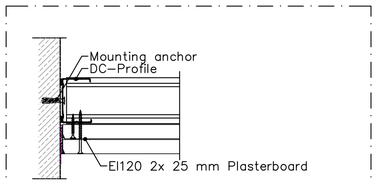
SYMBOL	DESCRIPTON
	TO BE DEMOLISHED 60×60 GRID SUSPENDED CEILING
	TO BE MOUNTED 60×60 GRID SUSPENDED CEILING
	TO BE DEMOLISHED PVC HYCENIZC SUSPENDED CEILING
	TO BE MOUNTED PVC HYCENIZC SUSPENDED CEILING
	TO BE DEMOLISHED PLASTERBOARD SUSPENDED CEILING
	TO BE MOUNTED PLASTERBOARD SUSPENDED CEILING
	TO BE CLOSED HOLE BY BIMS WALL
	TO BE DEMOLISHED EXISTING PLASTERBOARD WALL
	TO BE DEMOLISHED EXISTING CERAMIC TILE
	TO BE CONSTRUCTED PLASTERBOARD WALL WITHOUT FIRE RATING
	TO BE CONSTRUCTED CERAMIC TILE
	TO BE CONSTRUCTED COMPARTMENT WALL FOR FIRE SEPARATION EI60– 2x12,5 mm /from both sides
	TO BE CONSTRUCTED SHAFT WALL FOR FIRE SEPARATION EI120 – Shaft Wall 2x25 mm Flameboard/from one side
	TO BE CONSTRUCTED WALL FOR FIRE SEPARATION EI120 – 2x15 mm/from both sides
	TO BE CONSTRUCTED WALL FOR FIRE SEPARATION EI60 – 2x15 mm Plasterboard/from one side
	TO BE CONSTRUCTED HALL WALL FOR FIRE SEPARATION EI60 – One Layer
M	TO BE DEMOLISHED EXISTING DOOR
M	TO BE MOUNTED NEW FIRE DOOR
M	TO BE REMOUNTED EXISTING DOOR



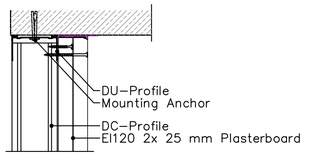
(Shaft walls which need to be fire rated and the compartment passage)

(Firestopping is necessary around the cavities of ducts passage)

③ PHOTOGRAPHS OF CURRENT SITUATION – FIRST FLOOR #106–AR–003

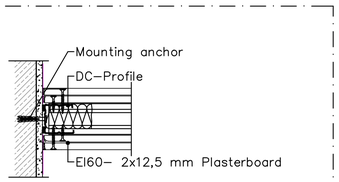


WALL DETAIL – Connection to the side solid wall

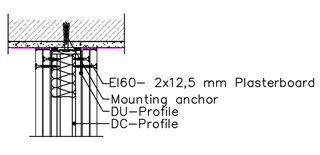


WALL DETAIL – Connection to the ceiling

④ SHAFT WALL DETAIL FOR FIRE SEPARATION EI120/from one side

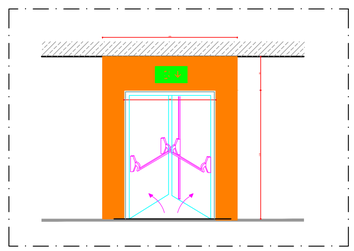


WALL DETAIL – Connection to the side solid wall



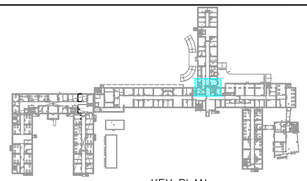
WALL DETAIL – Connection to the ceiling

⑤ COMPARTMENT WALL DETAIL FOR FIRE SEPARATION EI60/from both sides



⑥ ELEVATION VIEW OF TO BE CONSTRUCTED COMPARTMENT WALL
1/50

- FOR SYSTEM APPROVAL
- FOR TENDER
- FOR INSTALLATION
- AS BUILT



KEY PLAN

		For System Approval
	Date	Explanation

CLIENT EVEX HOSPITALS

DESIGNER KARİNA TASARIM, DANIŞMANLIK VE EĞİTİM HİZMETLERİ LTD.ŞTİ.
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Tel : +90–312–472 62 88 Faks : +90–312–472 62 89 e–posta: info@karina.gen.tr

TECH. CONSULTANCY	: KARİNA
SYSTEM DESIGN	: KARİNA
MATERIAL SUPPLY	: –
INSTALLATION	: –
APPROVAL	: –
DATE	: 08.11.2020
SCALE	: 1/100

FIRE & LIFE SAFETY
IMPROVEMENT OF FIRE& SMOKE
COMPARTMENT FEATURES DRAWINGS

CAD

DRAWING NO : EVEX–SNS–KAR–106–AR–003

REV. 00

* / *

FILE NAME : C:\EVEX–SNS–KAR–104–105–106–107–AR*

EVEX–SNS–KAR–104–105–106–107–AR