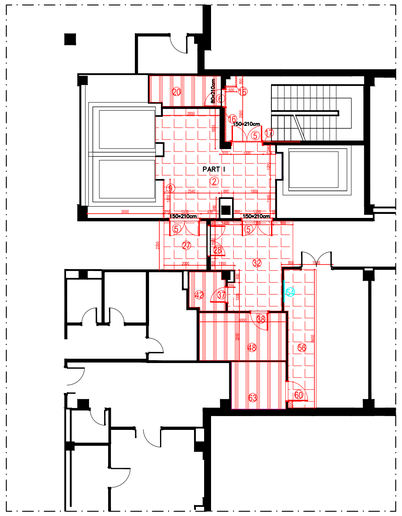
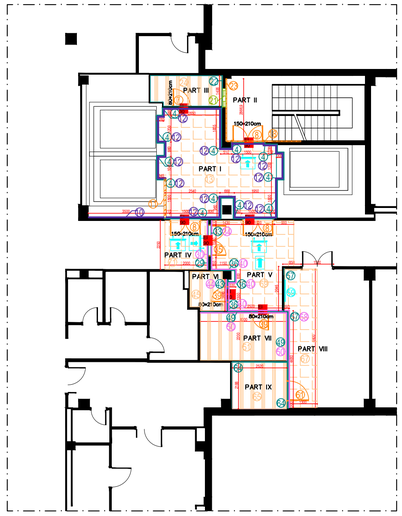
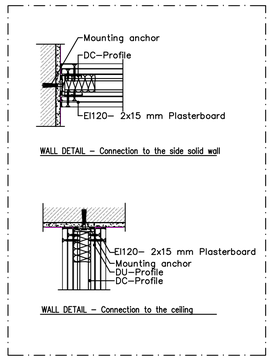


① DEMOLITION PLAN – FOURTH FLOOR #402-AR-001
1/100

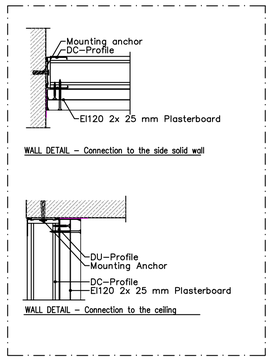


② NEW CONSTRUCTION PLAN – FOURTH FLOOR #402-AR-001
1/100

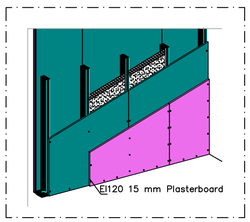
③ PHOTOGRAPHS OF CURRENT SITUATION –FOURTH FLOOR #402-AR-001



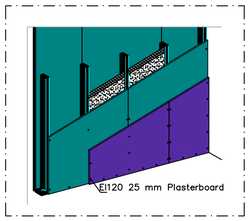
④ WALL DETAIL FOR FIRE SEPARATION EI120/from both sides



⑤ WALL DETAIL FOR FIRE SEPARATION EI120/from one side



⑥ WALL DETAIL FOR FIRE SEPARATION EI120/over the existing plasterboard



⑦ WALL DETAIL FOR FIRE SEPARATION EI120/over the existing plasterboard

PART I
1. Demolition of equipment on the ceiling of the elevator hall
   –3 60×60cm led lighting fixture
   –1 smoke detector
   –1 diffuser with plenum box
   –1 diffuser without plenum box
   –1 camera
2. Demolition of grid suspended ceiling in the elevator hall– total 22.2m2
3. Demolition of the equipment on the walls of the elevator hall
   –3 elevator control panel
   –1 fire button
   –1 audio–visual device

4. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of 12.5mm plasterboard.
(104×40cm,150×40cm,35×40cm,96×40cm,66×40cm,96×40cm,83×40cm,150×40cm,21×40cm,34×40cm,104×40cm, 34×40cm,66×40cm,34×40cm,120×40cm,26×40cm,36×40cm,265×40cm,185×40cm,51×40cm,34×40cm,150×40cm, 17×40cm, 57×40cm,38×40cm,30×40cm,120×40cm,30×40cm,108×40cm)
5. Demolition of the existing doors of fire staircase and the elevator hall (3x150×210cm)
6. Demolition of the existing door of holding room which opens to the fire staircase. (80×210cm)
7. For holding room, provide a new EI30 door to the wall which is adjacent to the elevator hall and can be entered from the elevator hall. (80×210cm)
8. Provide new double–leaf EI90 doors to the staircase and elevator hall entrances (3x 150×210cm)
9. Demolition of the plasterboard wall next to the elevator (180×300cm)
10. Mounting one layer of 25mm plasterboard to construct EI120 wall from inside of the shaft (350×300cm)
11. Construct EI120 wall by mounting two layers of 25mm plasterboards instead of the demolished wall.(180×300cm)
12. Then, one layer of 25mm plasterboard will be mounted over the existing plasterboard walls from the hall side. (104×300cm,150×300cm,35×300cm,96×300cm,66×300cm,96×300cm,83×300cm,150×300cm,21×300cm,34×300cm,104×300cm, 34×300cm,66×300cm,34×300cm,120×300cm,26×300cm,36×300cm,265×300cm,185×300cm,51×300cm,34×300cm,150×300cm, 17×300cm, 57×300cm,38×300cm,30×300cm,120×300cm,30×300cm,108×300cm)
13. Mounting of grid suspended ceiling of the elevator hall– 22.2m2
14. Reassemble of the equipment on ceiling
15. Reassemble of the equipment on the walls

PART II
16. Demolition of existing plasterboard walls for the wall of fire staircase which is adjacent to the holding room(((250×60cm,50×240cm,50×240cm,250×240cm)
17. Demolition of the existing plasterboard walls which is at the entrance of fire staircase(31×300cm,150×60cm,170×300cm)
18. For the fire staircase entrance wall, two layers of 25mm plasterboards will be mounted from the fire staircase side to construct EI120 wall.(340×300cm)

PART III
19. Demolition of the equipments on ceiling
20. Demolition of PVC hygienic suspended ceiling–4.6m2
21. Close the space of door by bims wall(80×210cm)
22. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of 12.5mm plasterboard. (140×40cm)
23. Then, two layers of 25mm plasterboards will be mounted to the same wall from the fire staircase side to construct EI120 wall.(140×300cm)
24. Mounting of PVC hygienic suspended ceiling–4.6m2
25. Reassemble the demolished equipments.

PART IV
26. Demolition of the equipment on the ceiling of the corridor
   –1 60×60cm led lighting fixture
27. Demolition of the partial grid suspended ceiling in front of the door of the corridor– total 4.5m2
28. Demolition of the existing door in the corridor (150×210cm)
29. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(225×40cm)
30. Then one layer of EI120 15mm plasterboard will be mounted over the existing plasterboard. (225×300cm)

PART V
31. Demolition of the equipment on the ceiling of the corridor
   –2 60×60cm led lighting fixture
   –1 camera
32. Demolition of the partial grid suspended ceiling in front of the door of the corridor– total 13.1m2
33. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(225×40cm)
34. Then one layer of EI120 15mm plasterboard will be mounted over the existing plasterboard. (225×300cm)
35. Provide a new double–leaf EI90 door for the compartment wall(150×210cm)
36. For the walls in the corridor; There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(115×40cm,60×40cm,33×40cm,130×40cm,250×40cm)
37. Demolition of the existing door of WC (80×210cm)
38. Demolition of the existing door of storage room(80×210cm)
39. Provide new EI90 door for these rooms (2x80×210cm)
40. For the walls in the corridor; one layer of EI120 15mm plasterboard will be mounted over the existing plasterboard. (115×300cm,60×300cm,33×300cm,130×300cm,250×300cm)

PART VI
41. Demolition of the equipment on the ceiling of the WC
   –1 circular led lighting fixture
   –1 diffuser
42. Demolition of the PVC hygienic suspended ceiling in WC– total 2.9m2
43. For the wall which is adjacent to the corridor; there already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(144×40cm)
44. Then, one layer of EI120 15mm plasterboard will be mounted over the existing plasterboard.(144×300cm)
45. Mounting of the PVC hygienic suspended ceiling in WC– total 2.9m2
46. Reassemble the demolished equipments on ceiling.

PART VII
47. Demolition of the equipment on the ceiling of the storage room
   –4 circular led lighting fixture
   –1 diffuser
48. Demolition of the PVC hygienic suspended ceiling at the storage room– total 8.8m2
49. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(200×40cm,400×40cm)
50. Then, one layer of EI120 15mm plasterboard will be mounted over the existing plasterboard walls:(200×300cm,400×300cm)
51. Mounting of PVC hygienic suspended ceiling at the storage room– total 8.8m2
52. Reassemble the demolished equipment on ceiling

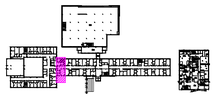
PART VIII
53. Demolition of the equipment on the wall between the patient room and the storage room
   –1 TV
   –1 sink
   –1 mirror
   –1 electric switch
   –1 data cable
54. Demolition of the ceramic tiling on the wall(100×150cm)
55. Demolition of the some equipments on the ceiling
   –2 60×60cm led lighting fixture
   –1 diffuser
56. Demolition of the some part of the grid suspended ceiling–8.7m2
57. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 40cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(640×40cm)
58. Then, one layer of EI120 15mm plasterboard will be mounted over the existing plasterboard walls.(19×300cm,448×300cm)
59. Ceramic tiling of the sink (100×150cm)
60. Demolition of the door of WC of the patient room (80×210cm)
61. Provide a new EI90 door (80×210cm)

PART IX
62. Demolition of the equipment on the ceiling of the WC of the patient room
   –2 circular led lighting fixture
   –1 diffuser
63. Demolition of PVC hygienic suspended ceiling at the WC of the patient room– total 5.5m2
64. There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 60cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard to all walls of the WC .(218×60cm,252×60cm,218×60cm)
65. Mounting of PVC hygienic suspended ceiling at the WC of the patient room– total 5.5m2
66. Reassemble the demolished equipments on the ceiling and the wall
67. Mounting of some part of the grid suspended ceiling at the patient room–8.7m2
68. Reassemble the demolished equipments on the ceiling and the wall
69. For Part V; Mounting of the partial grid suspended ceiling in front of the door of the corridor– total 13.1m2
70. Reassemble the demolished equipments on the ceiling and the wall for Part V
71. For Part IV; Mounting of the partial grid suspended ceiling in front of the door of the corridor– 4.5m2
72. Reassemble the demolished equipments on the ceiling and the wall for Part IV

LEGEND AND MATERIAL LIST

SYMBOL	DESCRIPTION
	TO BE DEMOLISHED 60×60 GRID SUSPENDED CEILING
	TO BE MOUNTED 60×60 GRID SUSPENDED CEILING
	TO BE DEMOLISHED PVC HYGIENIC SUSPENDED CEILING
	TO BE MOUNTED PVC HYGIENIC SUSPENDED CEILING
	TO BE DEMOLISHED PLASTERBOARD SUSPENDED CEILING
	TO BE MOUNTED PLASTERBOARD SUSPENDED CEILING
	TO BE CLOSED HOLE BY BIMS WALL
	TO BE APPLIED FIRE STOPPING AT THE FLOOR LEVEL WITH ADDITIONAL SUPPORTING CONSTRUCTION
	TO BE DEMOLISHED EXISTING PLASTERBOARD WALL
	TO BE DEMOLISHED EXISTING GLASS PARTITION 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 Plasterboard/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 PLASTERBOARD WALL –ABOVE THE EXISTING WALL
	TO BE CONSTRUCTED PLASTERBOARD WALL FOR FIRE SEPARATION EI60 – One Layer
	TO BE CONSTRUCTED 25MM PLASTERBOARD WALL FOR FIRE SEPARATION EI120– One Layer
	TO BE CONSTRUCTED 15MM PLASTERBOARD WALL FOR FIRE SEPARATION EI120– One Layer
	TO BE APPLIED PLASTER
M	TO BE DEMOLISHED EXISTING DOOR
M	TO BE MOUNTED NEW FIRE DOOR
M	TO BE REMOUNTED EXISTING DOOR

☐ FOR SYSTEM APPROVAL
■ FOR TENDER
☐ FOR INSTALLATION
☐ AS BUILT



KEY PLAN

Date	Explanation
	For System Approval

CLIENT

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TECH. CONSULTANCY	: KARİNA
SYSTEM DESIGN	: KARİNA
MATERIAL SUPPLY	: –
INSTALLATION	: –
APPROVAL	: –
DATE	: 06.03.2021
SCALE	: 1/100

FIRE & LIFE SAFETY–05
IMPROVEVEMENT OF FIRE & SMOKE CONFINEMENT FEATURES DRAWINGS

CAD
DRAWING NO : EVEX–DEKA–KAR–402–AR–001
REV. 00
FILE NAME : C:\EVEX–DEKA–KAR–401–402–403–404–405–AR.*

DEKA–KAR–01–402–403–404–405–AR

ORIGINAL DRAWING SIZE : AO 841mm x 1189 mm

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