



1 DEMOLITION PLAN - FIFTH FLOOR #503-AR-001
1/100



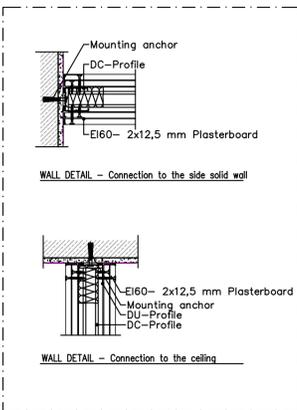
2 NEW CONSTRUCTION PLAN - FIFTH FLOOR #503-AR-001
1/100

LEGEND AND MATERIAL LIST	
SYMBOL	DESCRIPTION
[Red hatched box]	TO BE DEMOLISHED 60x60 GRID SUSPENDED CEILING
[Orange hatched box]	TO BE MOUNTED 60x60 GRID SUSPENDED CEILING
[Green hatched box]	TO BE DEMOLISHED PVC HYDROIC SUSPENDED CEILING
[Blue hatched box]	TO BE MOUNTED PVC HYDROIC SUSPENDED CEILING
[Purple hatched box]	TO BE DEMOLISHED PLASTERBOARD SUSPENDED CEILING
[Yellow hatched box]	TO BE MOUNTED PLASTERBOARD SUSPENDED CEILING
[Pink hatched box]	TO BE CLOSED HOLE BY IRIS WALL
[Light blue hatched box]	TO BE APPLIED FIRE STOPPING AT THE FLOOR LEVEL WITH ADDITIONAL SUPPORTING CONSTRUCTION
[Light green hatched box]	TO BE DEMOLISHED EXISTING PLASTERBOARD WALL
[Light orange hatched box]	TO BE DEMOLISHED EXISTING GLASS PARTITION WALL
[Light purple hatched box]	TO BE DEMOLISHED EXISTING CERAMIC TILE
[Light blue hatched box]	TO BE CONSTRUCTED PLASTERBOARD WALL WITHOUT FIRE RATING
[Light green hatched box]	TO BE CONSTRUCTED CERAMIC TILE
[Light orange hatched box]	TO BE CONSTRUCTED COMPARTMENT WALL FOR FIRE SEPARATION EI60 - 2x12,5 mm Plasterboard/From one side
[Light purple hatched box]	TO BE CONSTRUCTED SHAFI WALL FOR FIRE SEPARATION EI120 - Shaft Wall 2x25 mm Plasterboard/From one side
[Light blue hatched box]	TO BE CONSTRUCTED WALL FOR FIRE SEPARATION EI120 - 2x15 mm/From both sides
[Light green hatched box]	TO BE CONSTRUCTED WALL FOR FIRE SEPARATION EI60 - 2x15 mm Plasterboard/From one side
[Light orange hatched box]	TO BE CONSTRUCTED PLASTERBOARD WALL ABOVE THE EXISTING WALL
[Light purple hatched box]	TO BE CONSTRUCTED PLASTERBOARD WALL FOR FIRE SEPARATION EI60 - One Layer
[Light blue hatched box]	TO BE CONSTRUCTED 23MM PLASTERBOARD WALL FOR FIRE SEPARATION EI30- One Layer
[Light green hatched box]	TO BE CONSTRUCTED 13MM PLASTERBOARD WALL FOR FIRE SEPARATION EI30- One Layer
[Light orange hatched box]	TO BE APPLIED PLASTER
[Light purple hatched box]	TO BE DEMOLISHED EXISTING DOOR
[Light blue hatched box]	TO BE MOUNTED NEW FIRE DOOR
[Light green hatched box]	TO BE DEMOLISHED EXISTING DOOR

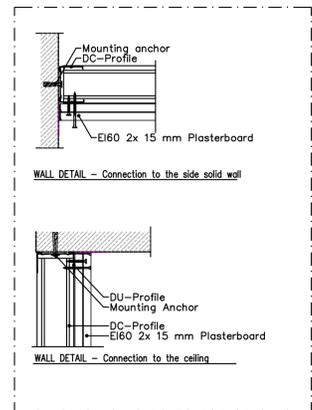
- PART I**
- Demolition of equipment on the ceiling of the room
 - 2 60x60cm led lighting fixture
 - 1 smoke detector
 - 1 45x25cm culvert
 - Demolition of grid suspended ceiling in the room- total 10.6m2
 - Construction of EI60 Compartment Wall
 - The existing walls of the room do not continue up to the ceiling, there are 40cm height space between the existing wall and the ceiling, it will be covered by one layer of plasterboard. (310x40cm, 80x40cm, 23x40cm,247x40cm)
 - Mounting one layer of 15mm plasterboard over the existing walls of the room.(310x290cm, 80x290cm, 23x290cm, 247x290cm), see wall detail 5.
 - Mounting of grid suspended ceiling in the room- total 10.6m2
 - Reassembling the equipment on ceiling
- PART II**
- Demolition of equipment on the ceiling of elevator hall
 - 7 60x60cm led lighting fixture
 - 2 smoke detectors
 - 45x25cm culvert with plenum
 - 45x25cm culvert without plenum
 - 2 camera
 - Demolition of grid suspended ceiling in the elevator hall- total 47.6m2
 - Close the existing holes on the wall by bins(80x275cm)
 - The existing walls of the elevator hall do not continue up to the ceiling, there are 60cm height space between the existing wall and the ceiling, it will be covered by one layer of plasterboard.
 - Demolition of existing door which opens to the connection bridge with the other part of the building(150x210cm)
 - Demolition of existing plasterboard walls near the door (2x90x215cm)
 - Demolition of existing plasterboard ceiling above the door (90x140cm)
 - Construction of new EI60 compartment wall-2x12.5mm manufactured from both sides. (227x290cm), see wall detail.
 - Provide a new new double-leaf EI45 fire-rated door for the compartment wall. (150x210cm)
 - Demolition of existing door which opens to the corridor of compartment 702(150x210cm)
 - Demolition of equipment on the ceiling of the corridor
 - 1 60x60cm led lighting fixture
 - 1 camera
 - Demolition of the partial grid suspended ceiling in the corridor- total 4.1m2
 - Construction of EI60 Fire compartment wall:
 - For the construction of EI60 Fire Compartment Wall:
 - 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.(2x225x40cm)
 - Then, one layer of 12.5mm plasterboard will be mounted from each side of the wall (2x225x290cm), see wall detail 4.
 - Provide a new new double-leaf EI45 fire-rated door for the compartment wall. (150x210cm)
 - Mounting of one layer 15mm plasterboard to the wall of staircase, which that the door is locate on, from the side of the staircase to construct EI120 rated wall.(270x290cm)
 - Reassemble the equipment on the ceiling of the corridor- total 4.1m2
 - 1 60x60cm led lighting fixture
 - 1 camera
- PART III**
- Demolition of existing door which opens to the hall of fire staircase and elevators (150x210cm)
 - Demolition of equipment on the ceiling of elevator hall
 - 8 60x60cm led lighting fixture
 - 1 smoke detector
 - 1 circular diffuser
 - 2 45x25cm culvert
 - 1 camera
 - Demolition of grid suspended ceiling in the hall of fire staircase and elevators- total 34m2
 - There already exists one layer of plasterboard, but it does not continue up to the ceiling, so 43cm height space between the existing plasterboard wall and ceiling will be closed by mounting one layer of plasterboard.(740x43cm)
 - Then, one layer of 15mm plasterboard will be mounted from one side of the wall (740x290cm), see wall detail 5.
 - 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. (380x40cm,140x40cm,47x40cm,543x40cm,100x40cm)
 - Demolition of cable duct near the fire staircase door (120x2cm)
 - Cutting the grey vinyl finishing on the floor from the joint
 - Remounting of cable duct near the fire staircase door (120x2cm)
 - Mounting plasterboard to the wall near the door (10x290cm)
 - Glue of grey vinyl finishing on the floor.
 - Mounting of one layer 15mm plasterboard to the wall of staircase, which that the door is locate on, from the side of the staircase to construct EI120 rated wall.(270x290cm)
 - Demolition of glass wall in the waiting room near the staircase(360x225cm)
 - Demolition of equipment on the ceiling of waiting room
 - 2 60x60cm led lighting fixture
 - 1 smoke detector
 - 1 circular diffuser+ 4m flexible pipe
 - 1 45x25cm culvert with plenum box
 - Demolition of the grid suspended ceiling in the waiting room- total 13.1m2
 - There already exists one layer of plasterboard on the wall of staircase, 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. (201x40cm)
 - Mounting of one layer of 25mm plasterboard over the existing wall of staircase to construct EI120rated wall (201x290cm).
 - Construction of EI120 rated wall instead of glass one; plasterboards will be mounted from one side-waiting room
 - Demolition of equipments on the wall of waiting room -1 electric switch
 - Construction of EI60rated compartment wall: Mounting 15mm plasterboard over existing one layer of plasterboard.(219x290cm)
 - Reassembling of equipment on the wall.
 - Mounting of grid suspended ceiling of the waiting room-13.1m2
 - Reassembling of equipment on the ceiling of the waiting room
 - Mounting of grid suspended ceiling of the hall of fire staircase and elevators-34m2
 - Reassembling of equipment on the ceiling of the hall of fire staircase and elevators and provide a new EI45 door(150x210cm)
 - Demolition of existing door which opens to the compartment 704 (150x210cm)
 - Demolition of mdf flappers(h:20cm) on the wall-4m
 - Demolition of grid suspended ceiling in front of the door of compartment 704- total 2.7m2
 - For the construction of EI60 Fire Compartment Wall: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 from both sides.(2 235x40cm)
 - Then, one layer of 12.5mm plasterboard will be mounted from both sides of the wall of door (2 235x290cm) (64x290cm,84x290cm, 65x290cm, 40x290cm)
 - Mounting of mdf flappers(h:20cm) on the wall
 - Mounting of grid suspended ceiling in the elevator hall- total 47.6m2
 - Demolition of equipments on the ceiling of personnel room -2 60x60cm led lighting fixture
 - Demolition of the grid suspended ceiling in the personnel room- total 6.5m2
 - Disassemble portable kitchen cabinet (180x10cm)
 - Demolition of tiling of kitchen cabinet (100x80cm)
 - Demolition of equipments on the wall -1 socket
 - plinth (8x440cm)
 - 30x30 shaft door
 - For the construction of EI60 Fire Compartment Wall: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 from one side.(440x40cm)
 - Then, one layer of 15mm plasterboard will be mounted from one side of the wall of personnel room (440x290cm)
 - Assemble portable kitchen cabinet (180x210cm)
 - Tiling of kitchen cabinet (100x80cm)
 - Reassemble of equipments on the wall -1 socket
 - plinth (8x440cm)
 - 30x30 shaft door
 - Mounting of grid suspended ceiling in the personnel room- total 6.5m2
 - Reassemble equipments on the ceiling of personnel room -2 60x60cm led lighting fixture



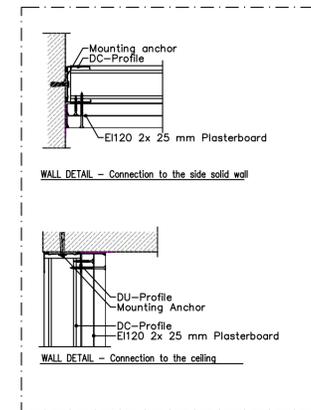
3 PHOTOGRAPHS OF CURRENT SITUATION -FIFTH FLOOR #503-AR-001



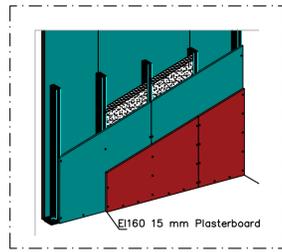
4 COMPARTMENT WALL DETAIL FOR FIRE SEPARATION EI60/From both sides



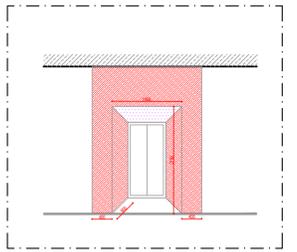
5 WALL DETAIL FOR FIRE SEPARATION EI60/From one side



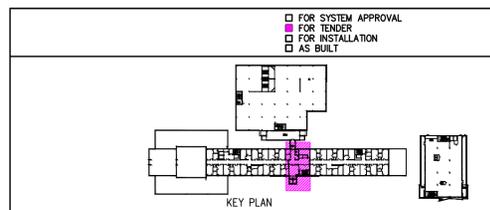
6 SHAFI WALL DETAIL FOR FIRE SEPARATION EI120/From one side



7 WALL DETAIL FOR FIRE SEPARATION EI60/



8 ELEVATION VIEW
1/50



For System Approval		Explanation	
Date			
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DESIGNER	TASARIM, DANISMANLIK VE EGTIM HIZMETLERI LTD.STI. caddesi EMEC Binası 2. Cad. No : 37/A 06468 ANKARA / TURKEY Tel : +90-312-472 62 88 Fax : +90-312-472 62 89 e-posta: info@karina.gen.tr		

TECH. CONSULTANCY	: KARINA	FIRE & LIFE SAFETY-05 IMPROVEMENT OF FIRE & SMOKE CONFINEMENT FEATURES DRAWINGS
SYSTEM DESIGN	: KARINA	
MATERIAL SUPPLY	: -	
INSTALLATION	: -	
APPROVAL	: -	
DATE	: 06.03.2021	DRAWING NO : EVEX-DEKA-KAR-503-AR-001
SCALE	: 1/100	FILE NAME : C:\EVEX-DEKA-KAR-502-503-504-AR-