

 GLASS

 WALL

FLOOR PLANS

203 JAY STREET

ORIGINAL PLANS

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

RENZO VALERIO

DELVIS DISLA

JEAN CARLOS PICHARDO

FRANCESCO CAMPO

Project number 001

Date 03/01/16

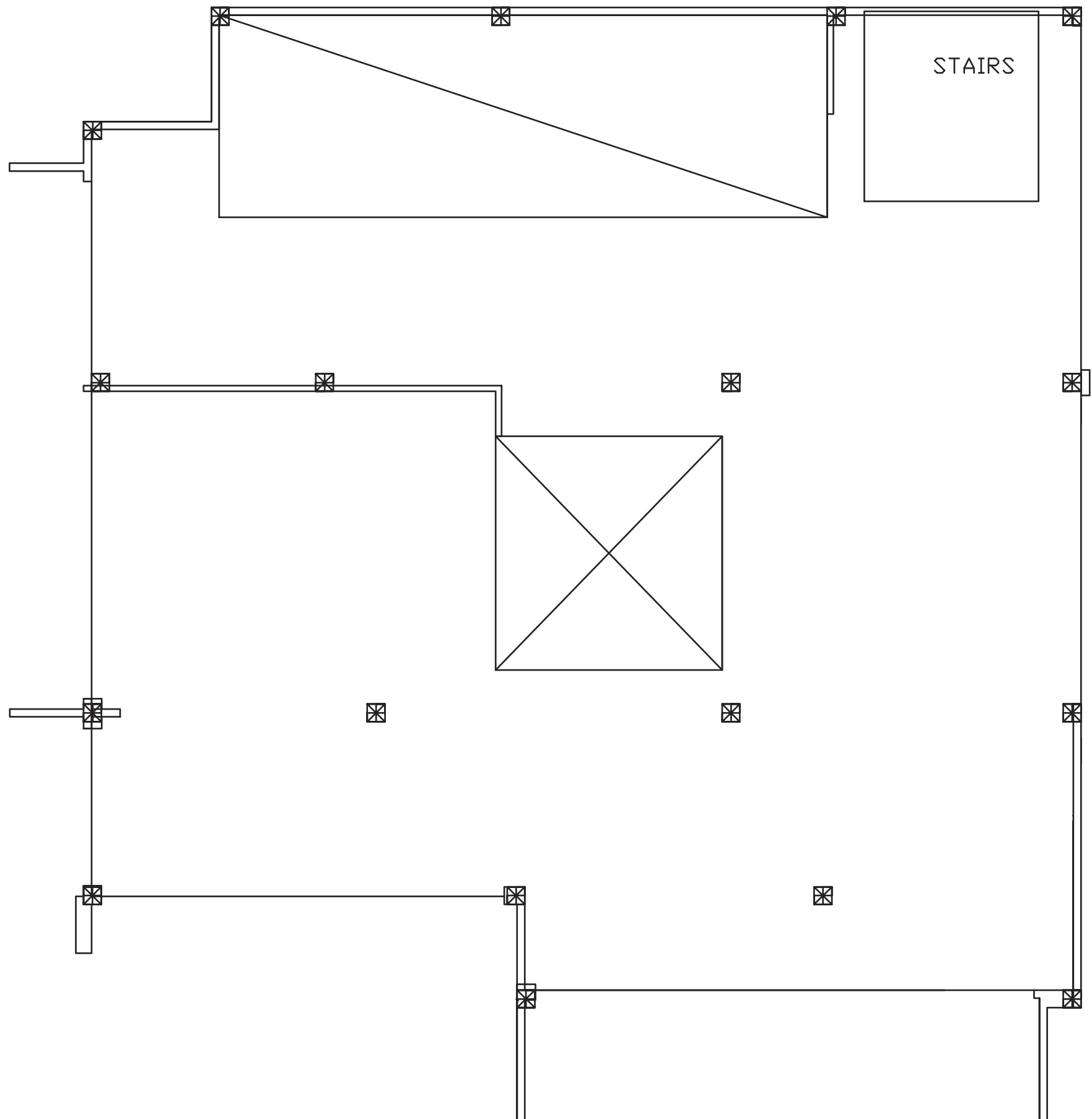
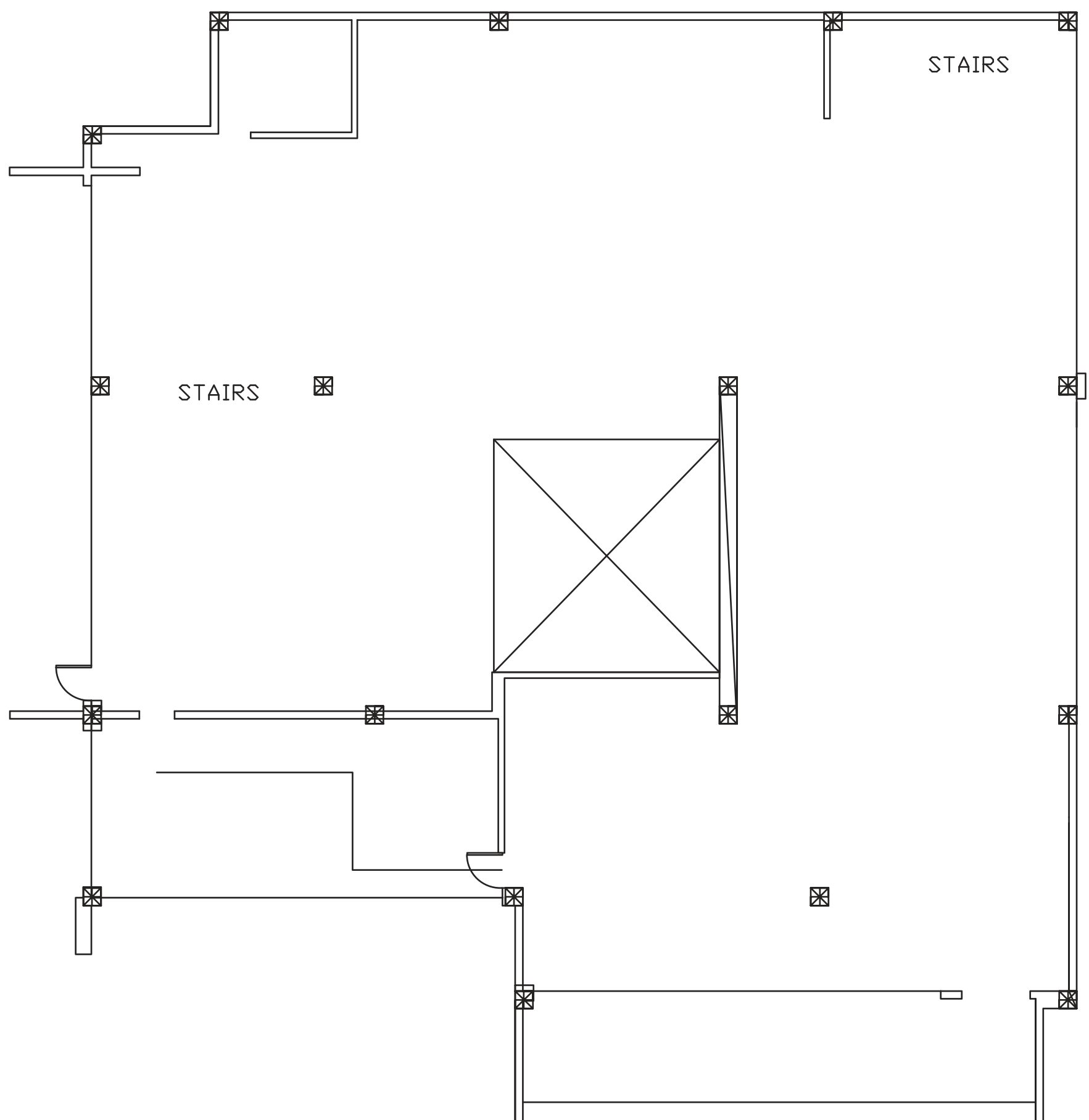
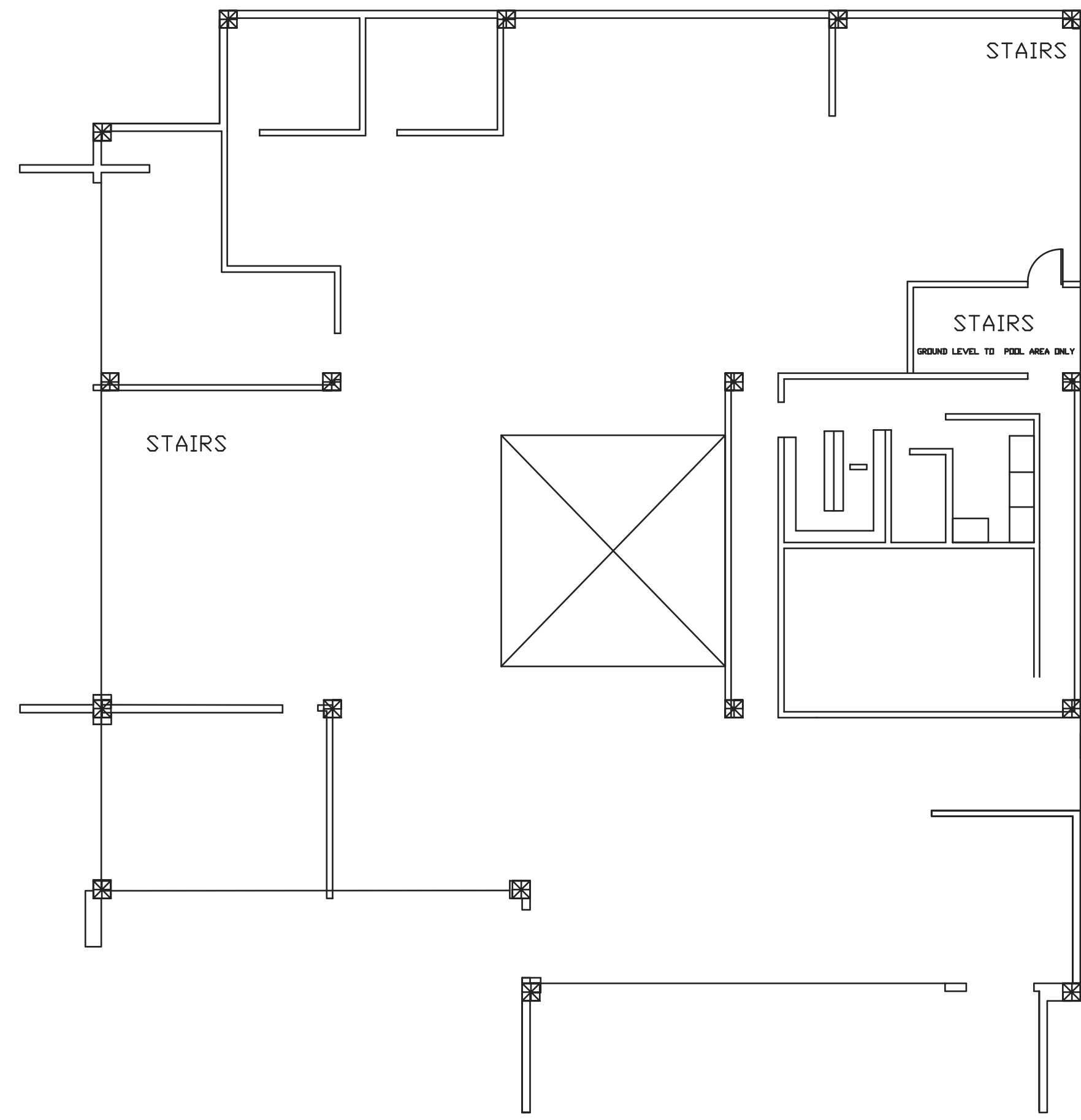
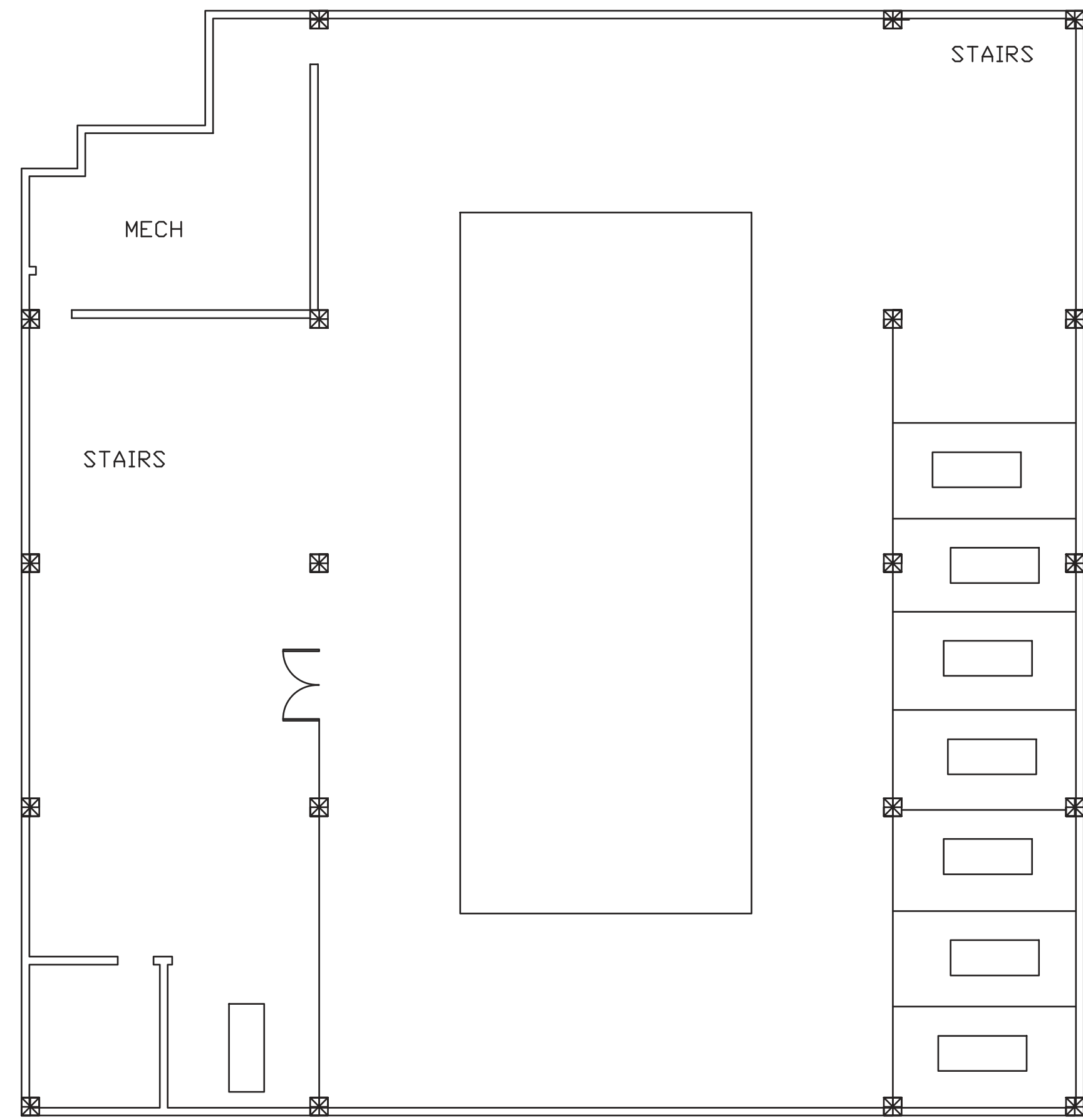
Drawn by PM TEAM D

Professor Name KING

Checked by PROF. KING

Scale

DWG NAME



FLOOR PLANS

203 JAY STREET

FIRST DRAFT

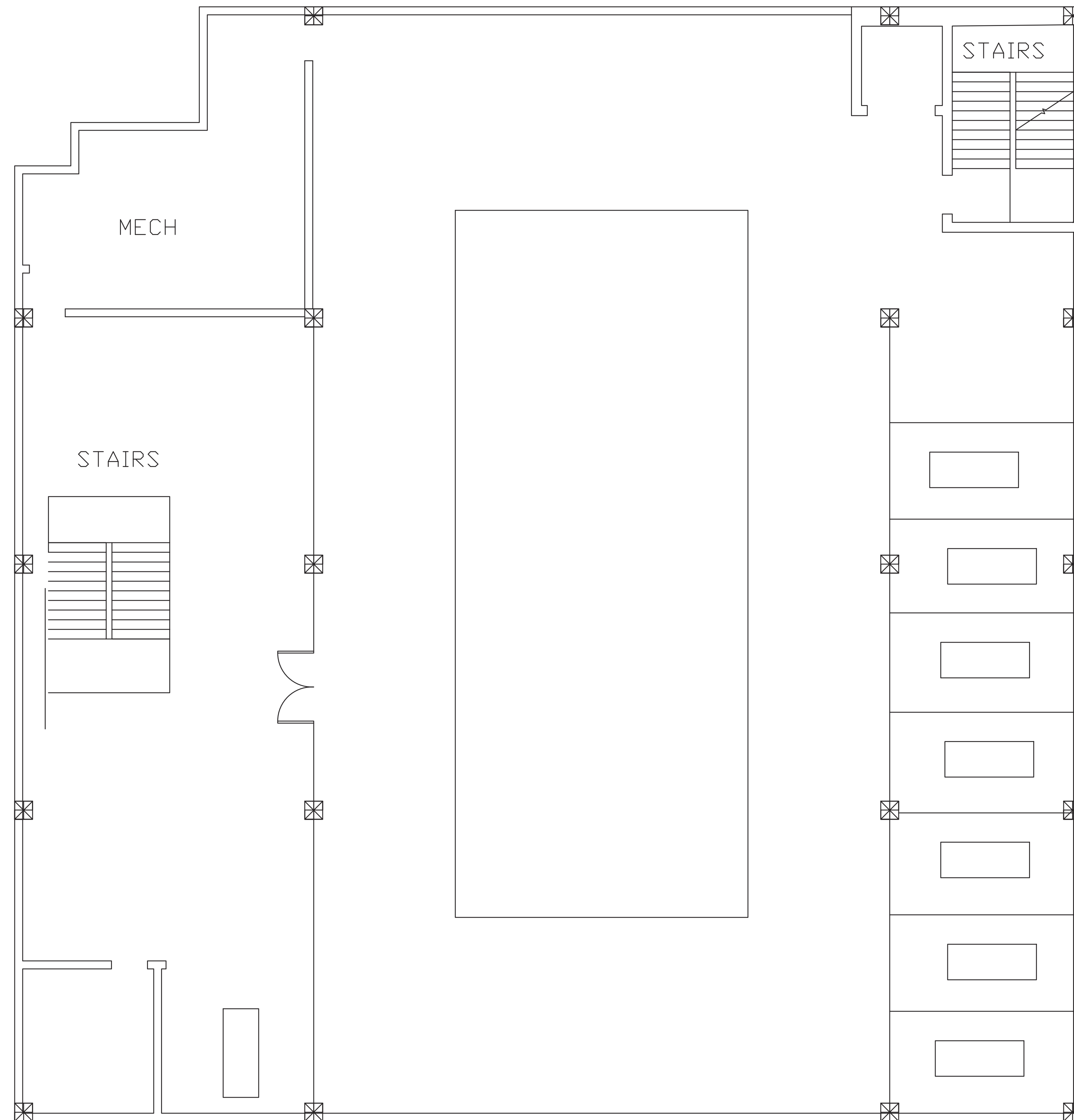
PM GROUP DISLA

- CHIMDIEBUBE C. EJIMBE
- RENZO VALERIO
- DELVIS DISLA
- JEAN CARLOS PICHARDO
- FRANCESCO CAMPO

Project number	001
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BASEMENT
SCALE: 3/16" = 1'-0"

FLOOR PLANS

203 JAY STREET

BASEMENT

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

RENZO VALERIO

DELVIS DISLA

JEAN CARLOS PICHARDO

FRANCESCO CAMPO

Project number 001

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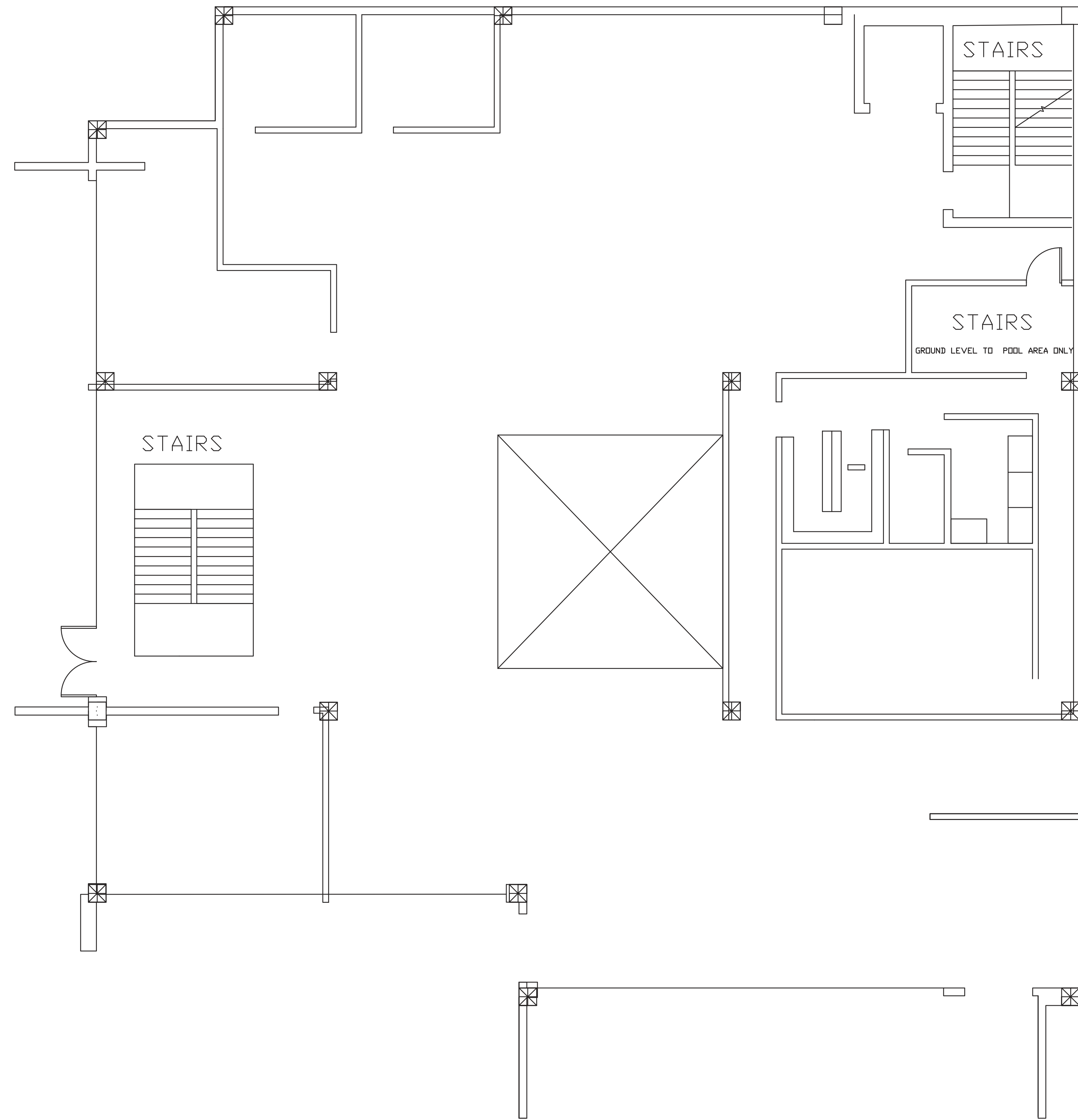
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Professor Name KING

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GROUND LEVEL
 SCALE: 3/16" = 1'-0"

FLOOR PLANS

203 JAY STREET

GROUND LEVEL

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE
 RENSO VALERIO
 DELVIS DISLA
 JEAN CARLOS PICHARDO
 FRANCESCO CAMPO

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FLOOR PLANS

203 JAY STREET

SECOND FLOOR

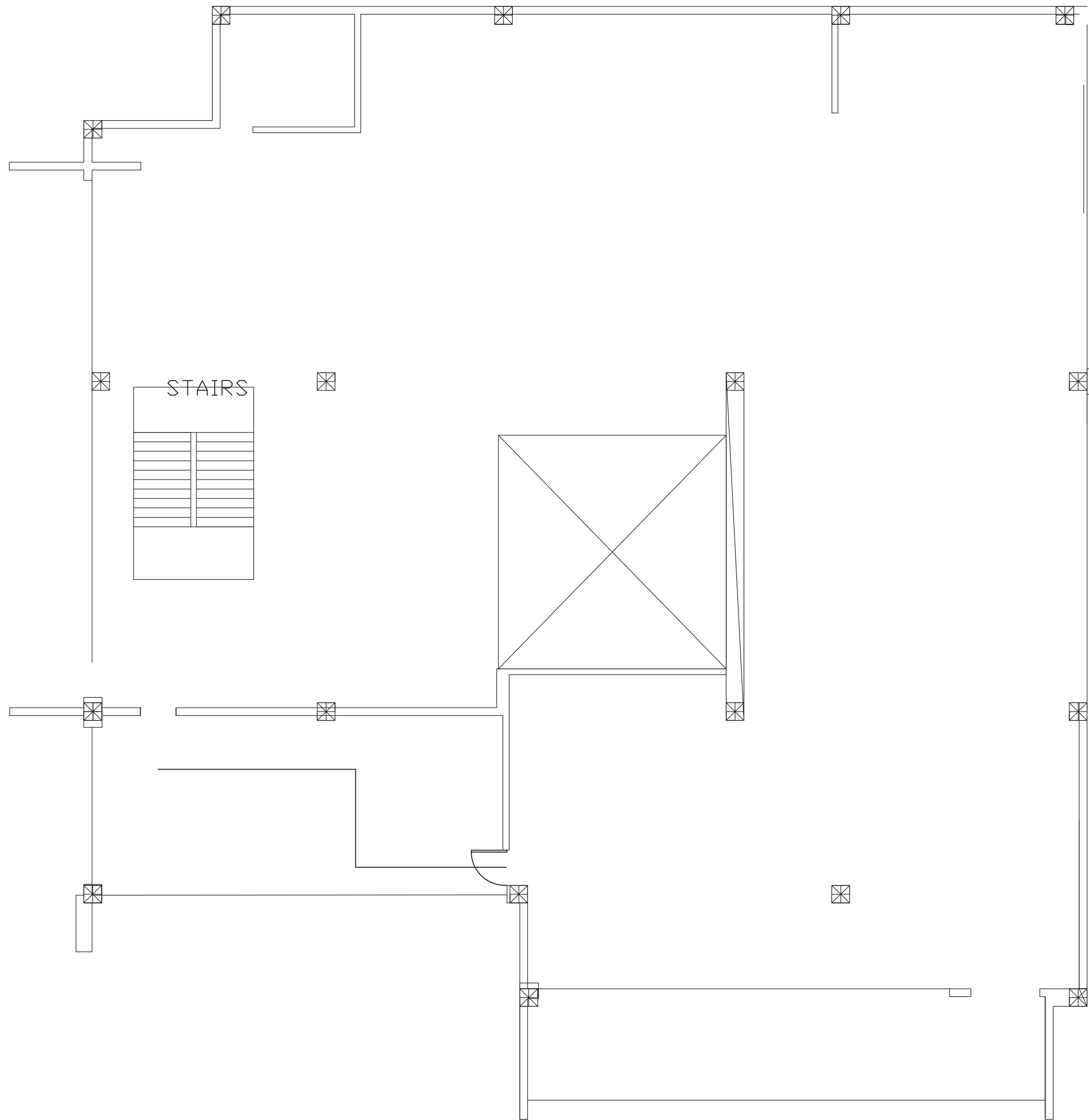
PM GROUP DISLA

- CHIMDIEBUBE C. EJIMBE
- RENZO VALERIO
- DELVIS DISLA
- JEAN CARLOS PICHARDO
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Project number	001
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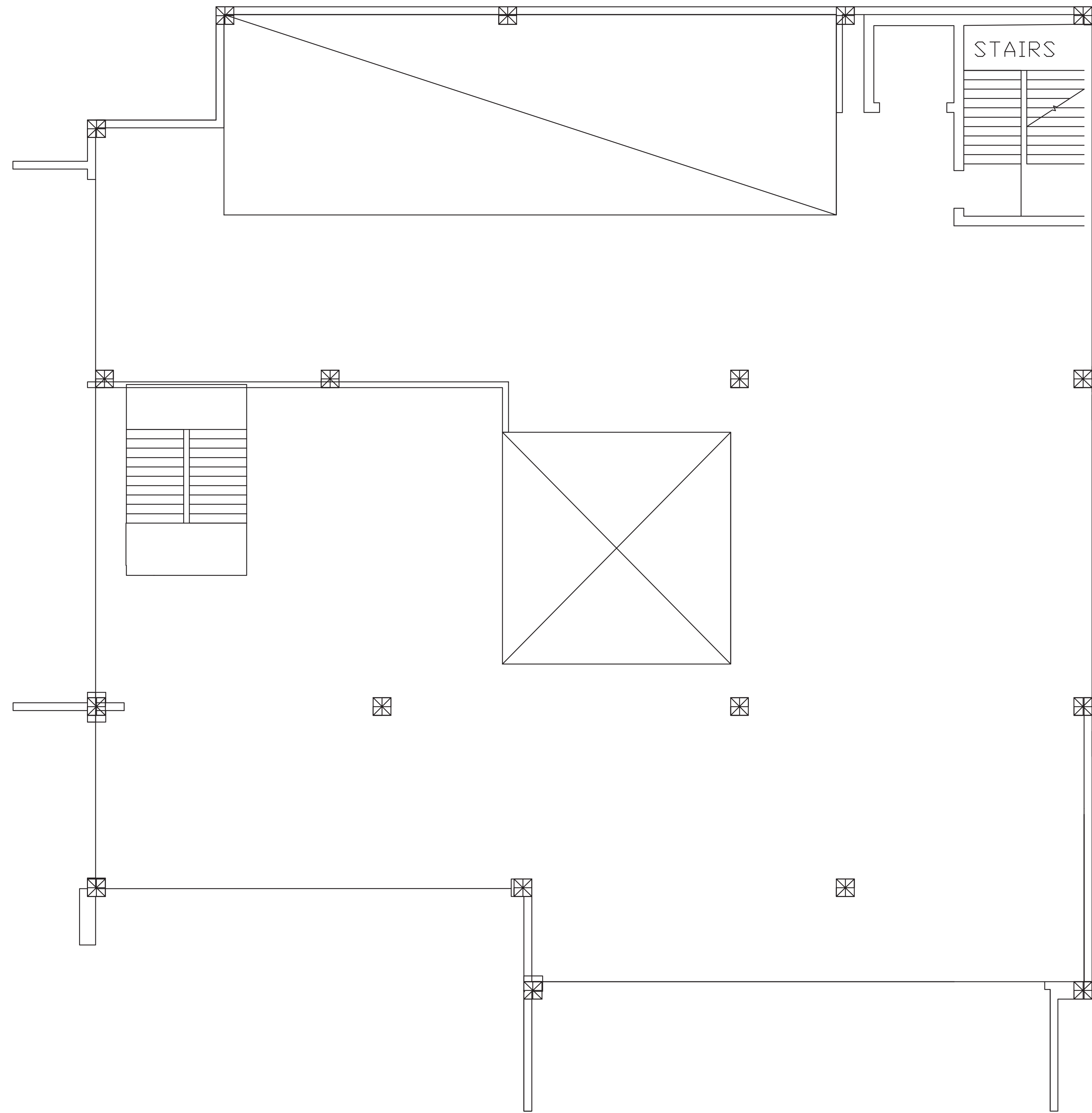
Scale

DWG NAME



SECOND FLOOR

SCALE: 3/16" = 1'-0"



THIRD FLOOR
 SCALE: 3/16" = 1'-0"

FLOOR PLANS

203 JAY STREET

THIRD FLOOR

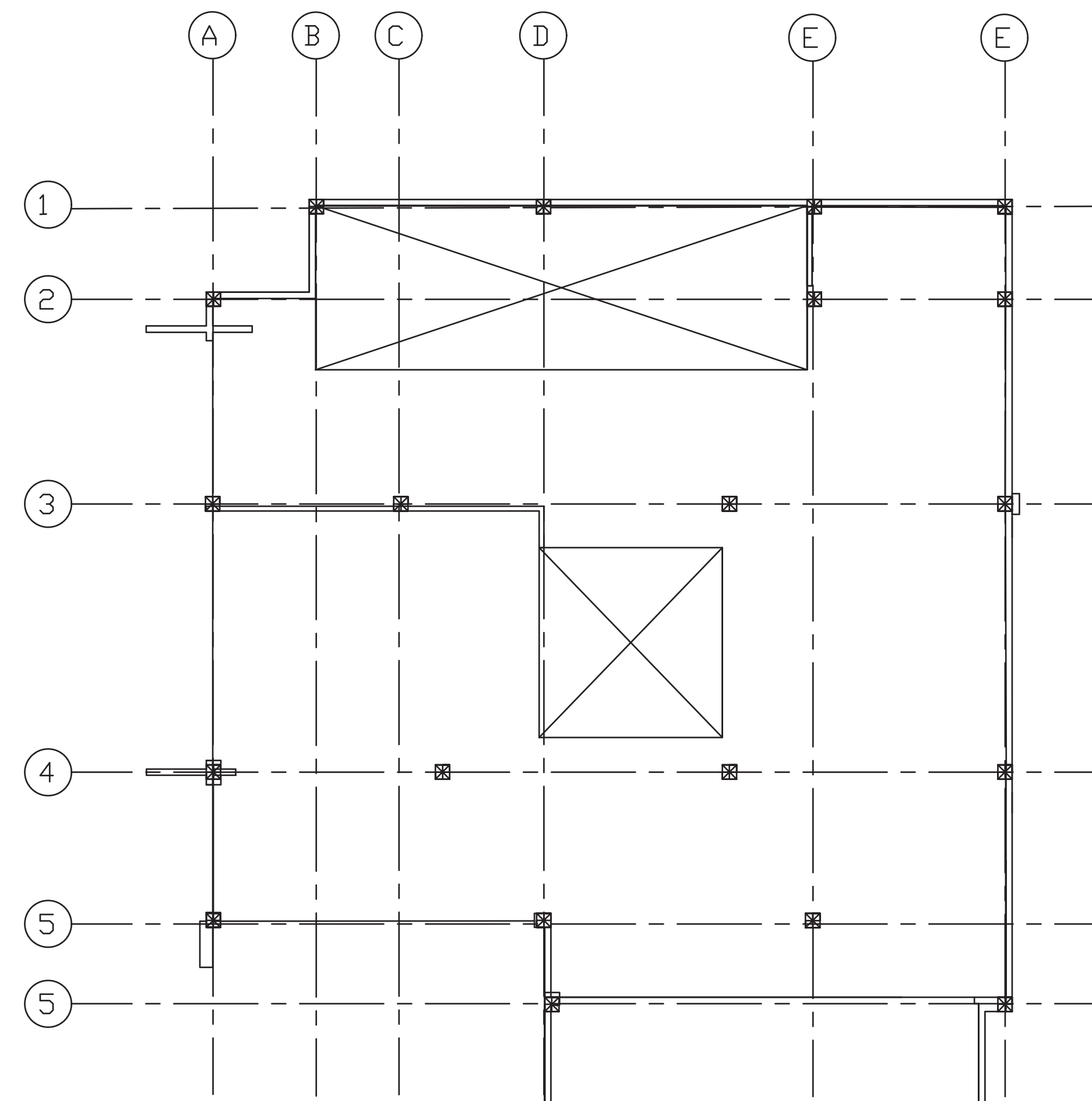
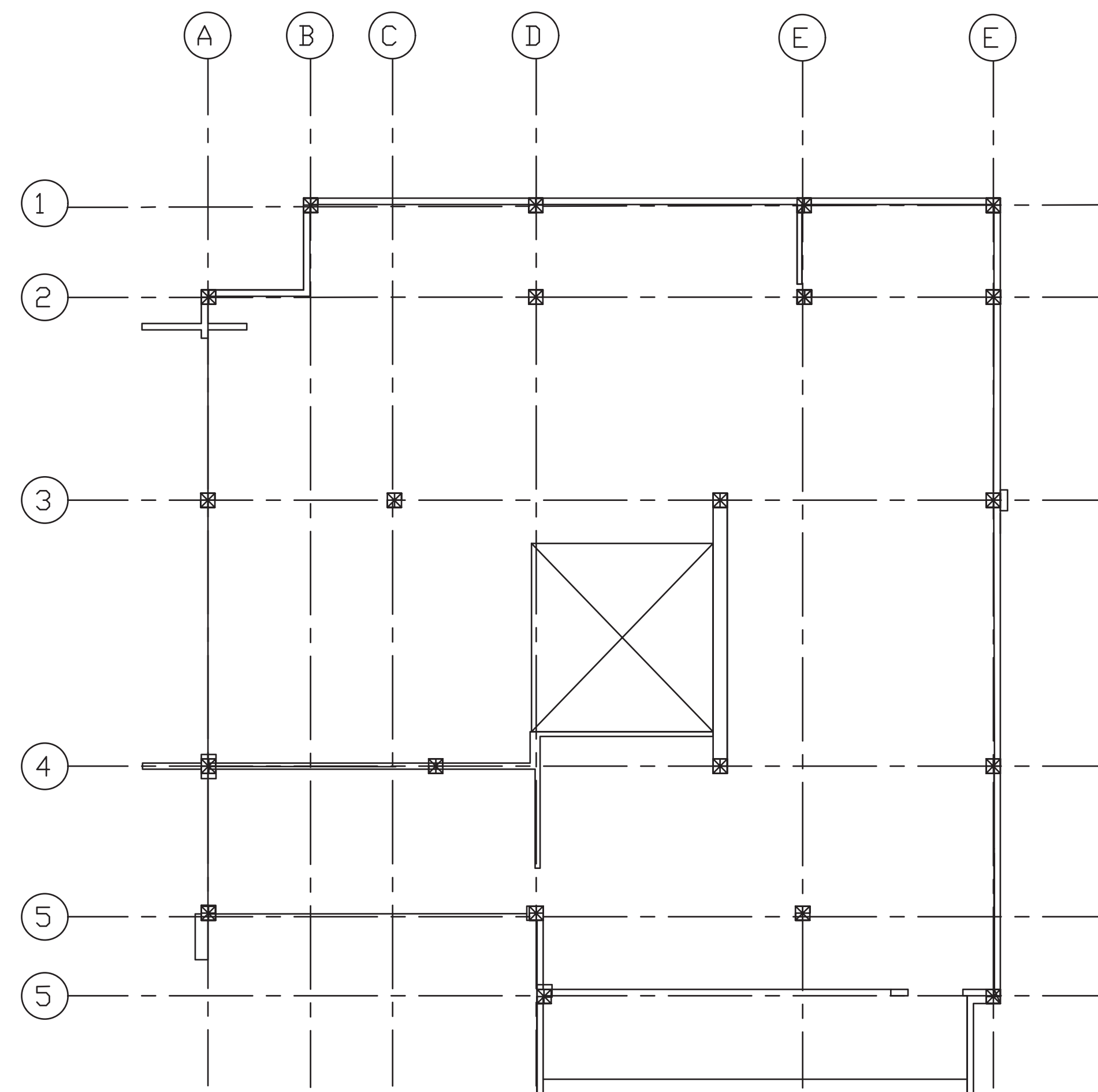
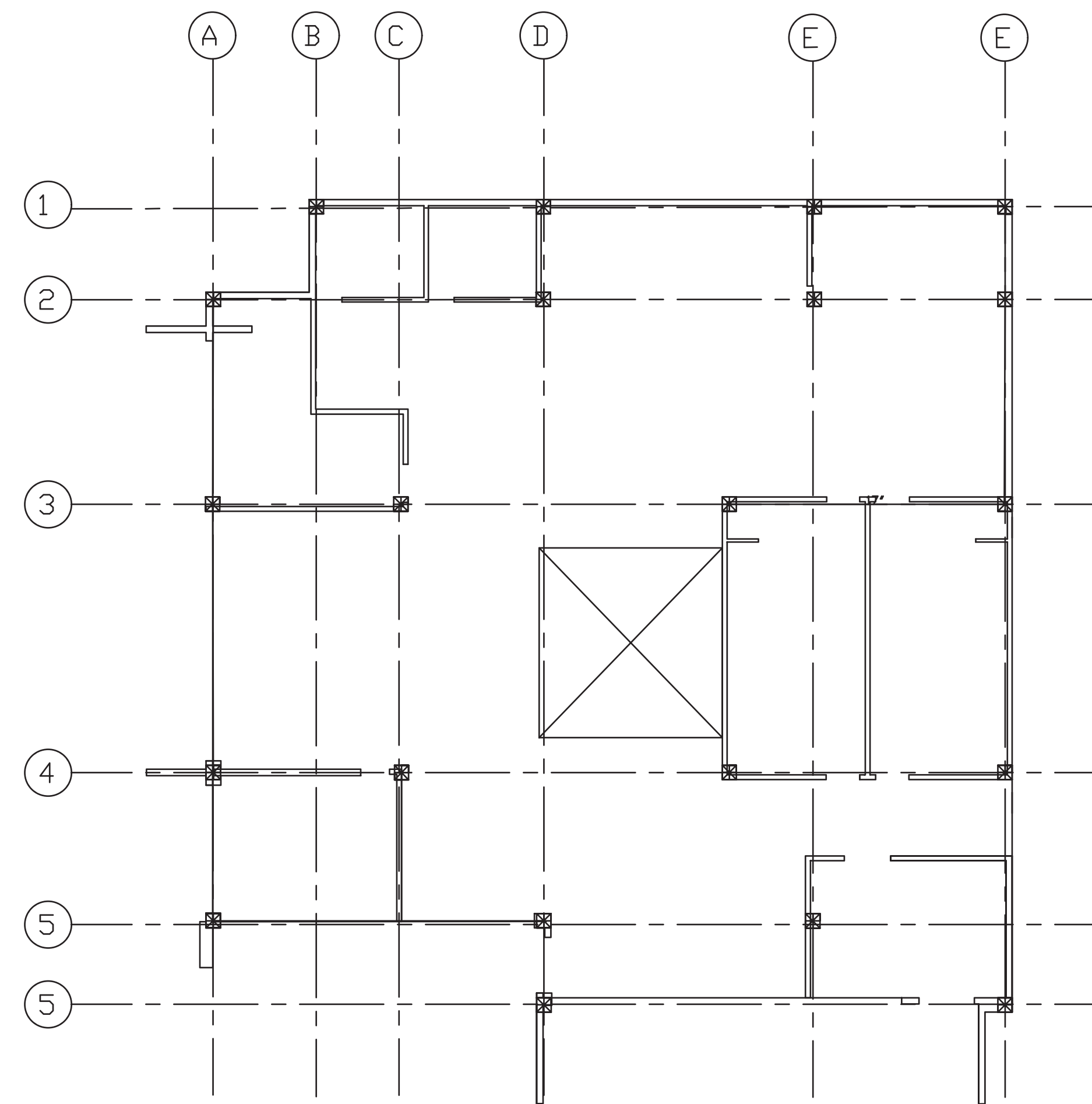
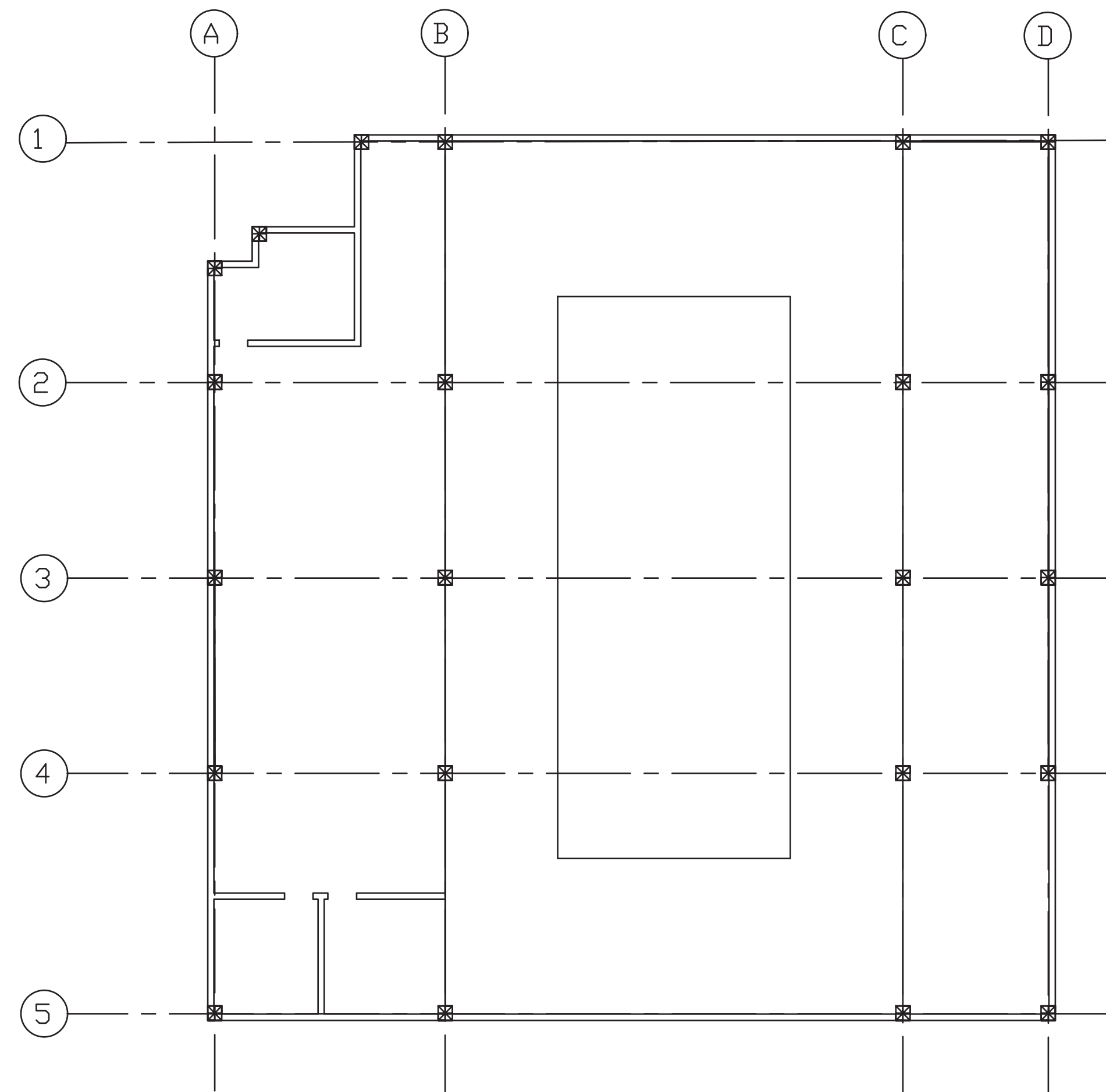
PM GROUP DISLA

- CHIMDIEBUBE C. EJIMBE
- RENZO VALERIO
- DELVIS DISLA
- JEAN CARLOS PICHARDO
- FRANCESCO CAMPO

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Scale

DWG NAME



STRUCTURE

203 JAY STREET

STRUCTURAL GRID

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

RENZO VALERIO

DELVIS DISLA

JEAN CARLOS PICHARDO

FRANCESCO CAMPO

Project number 001

Date 03/01/16

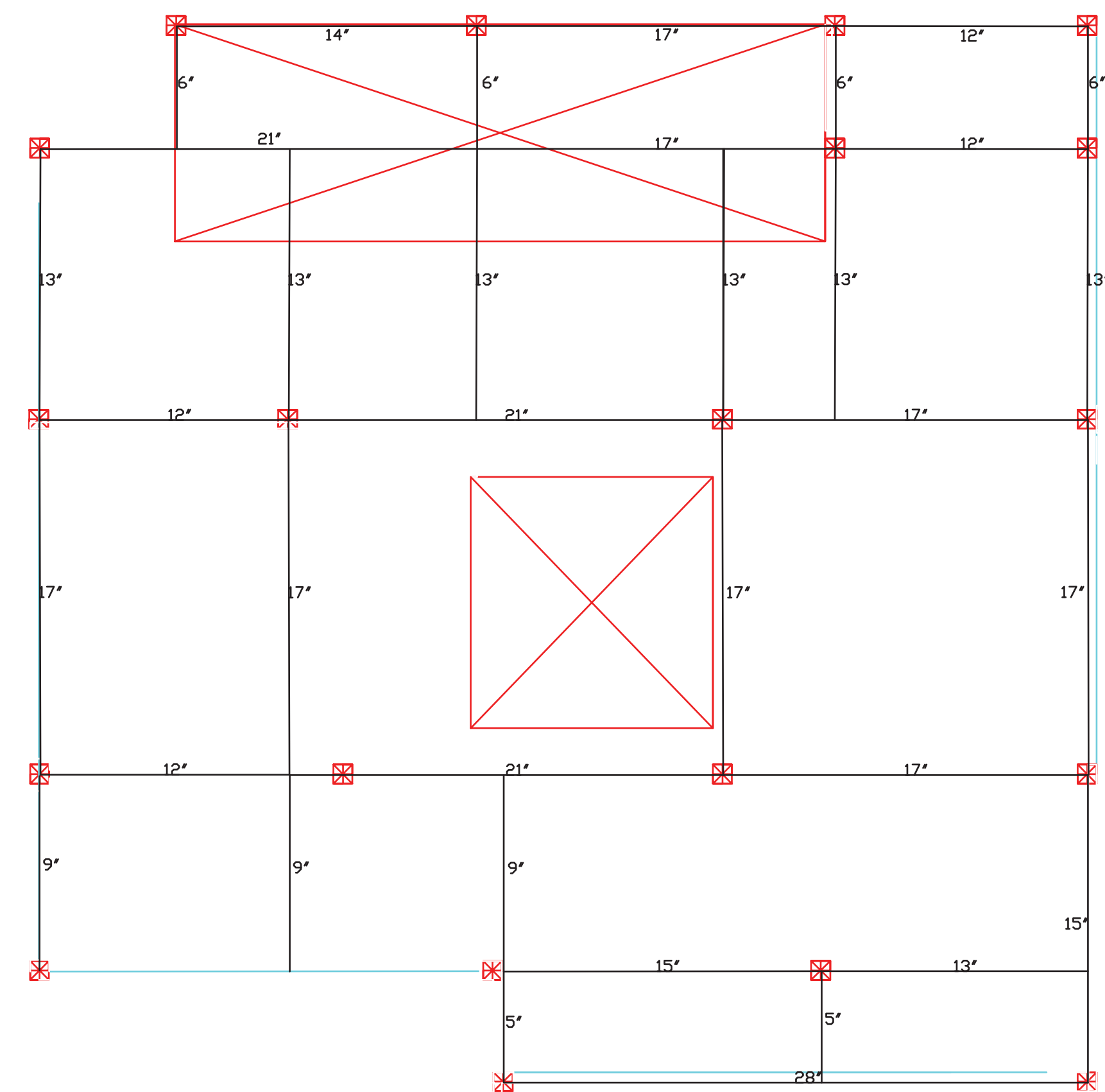
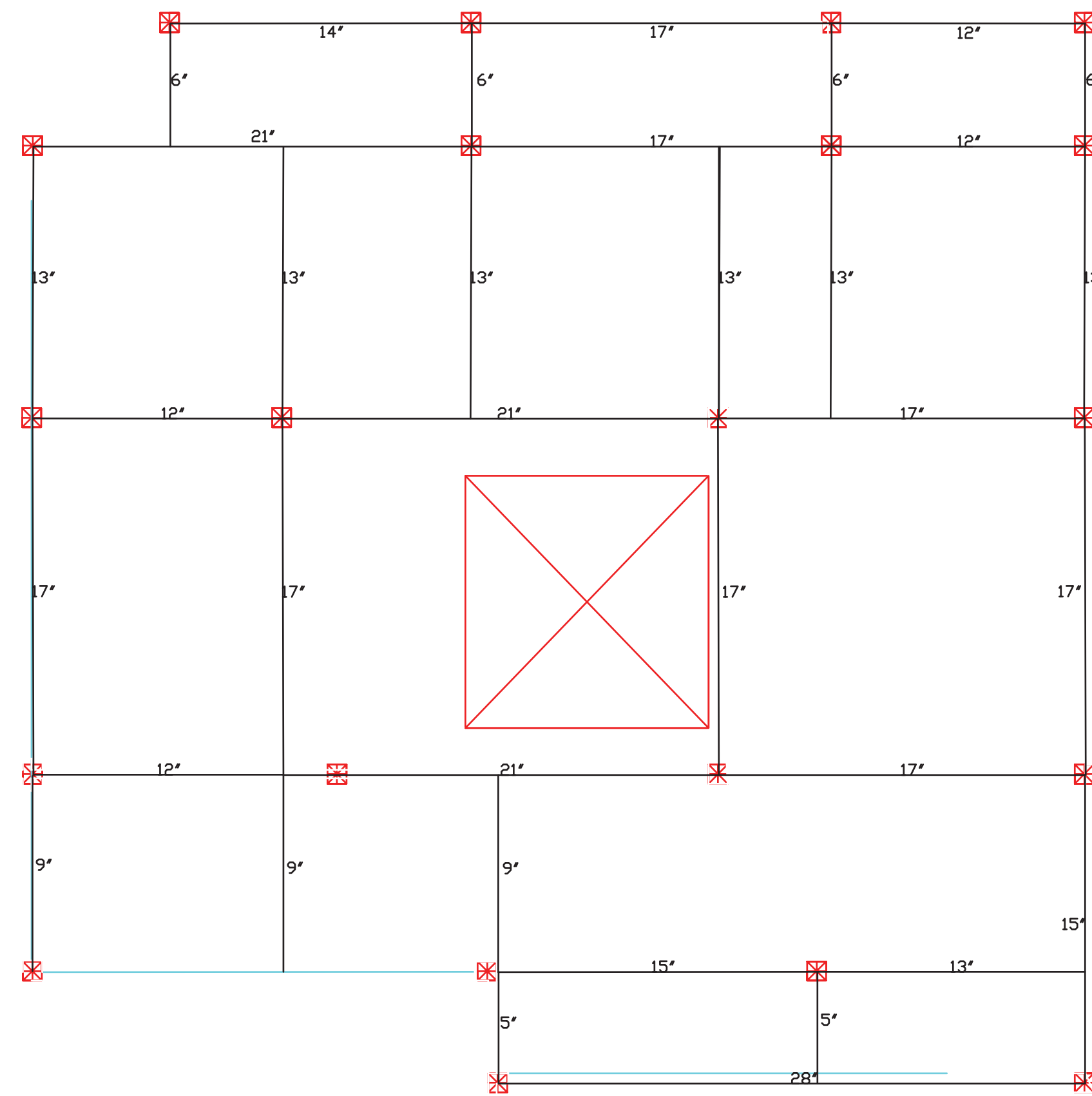
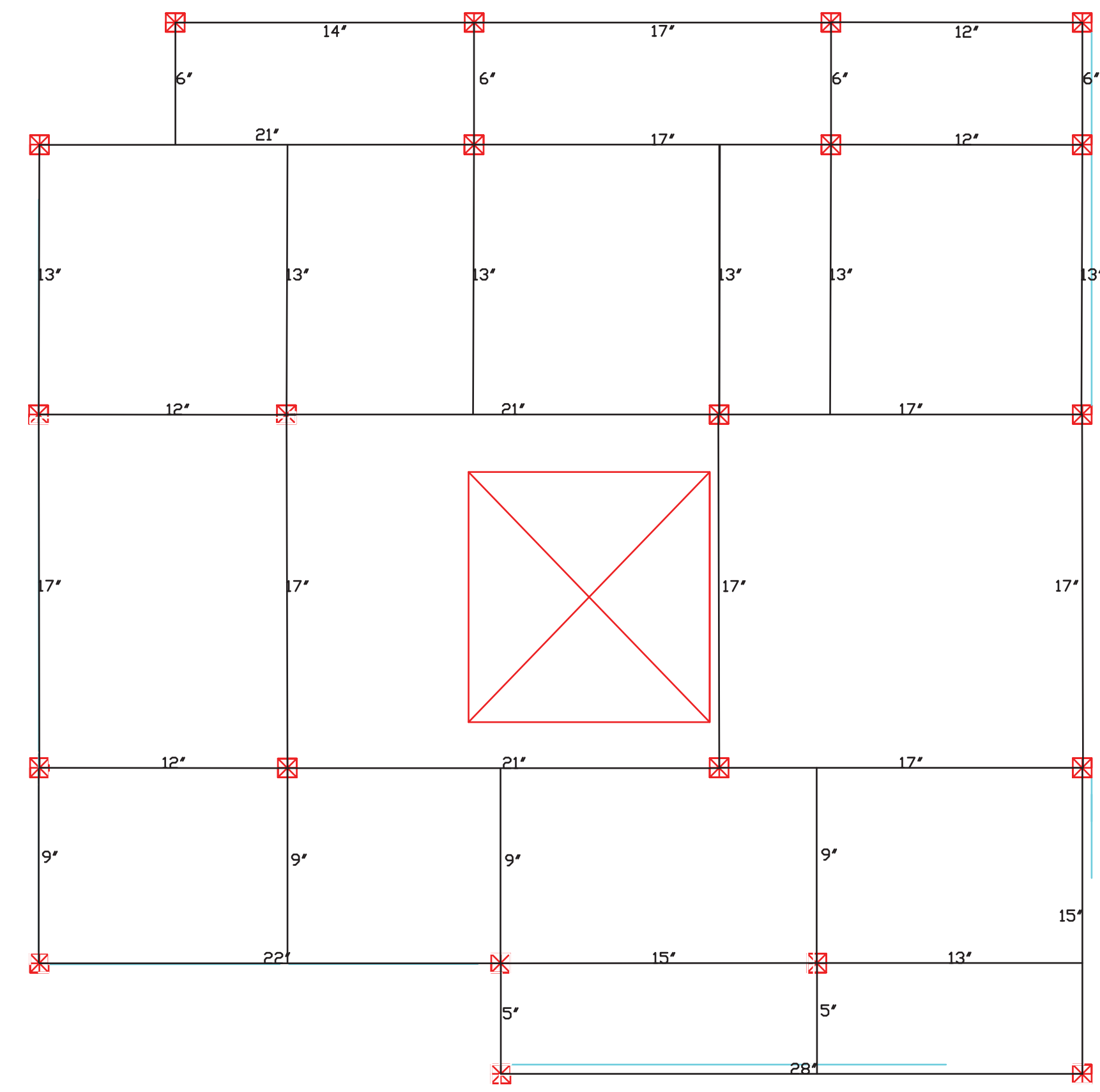
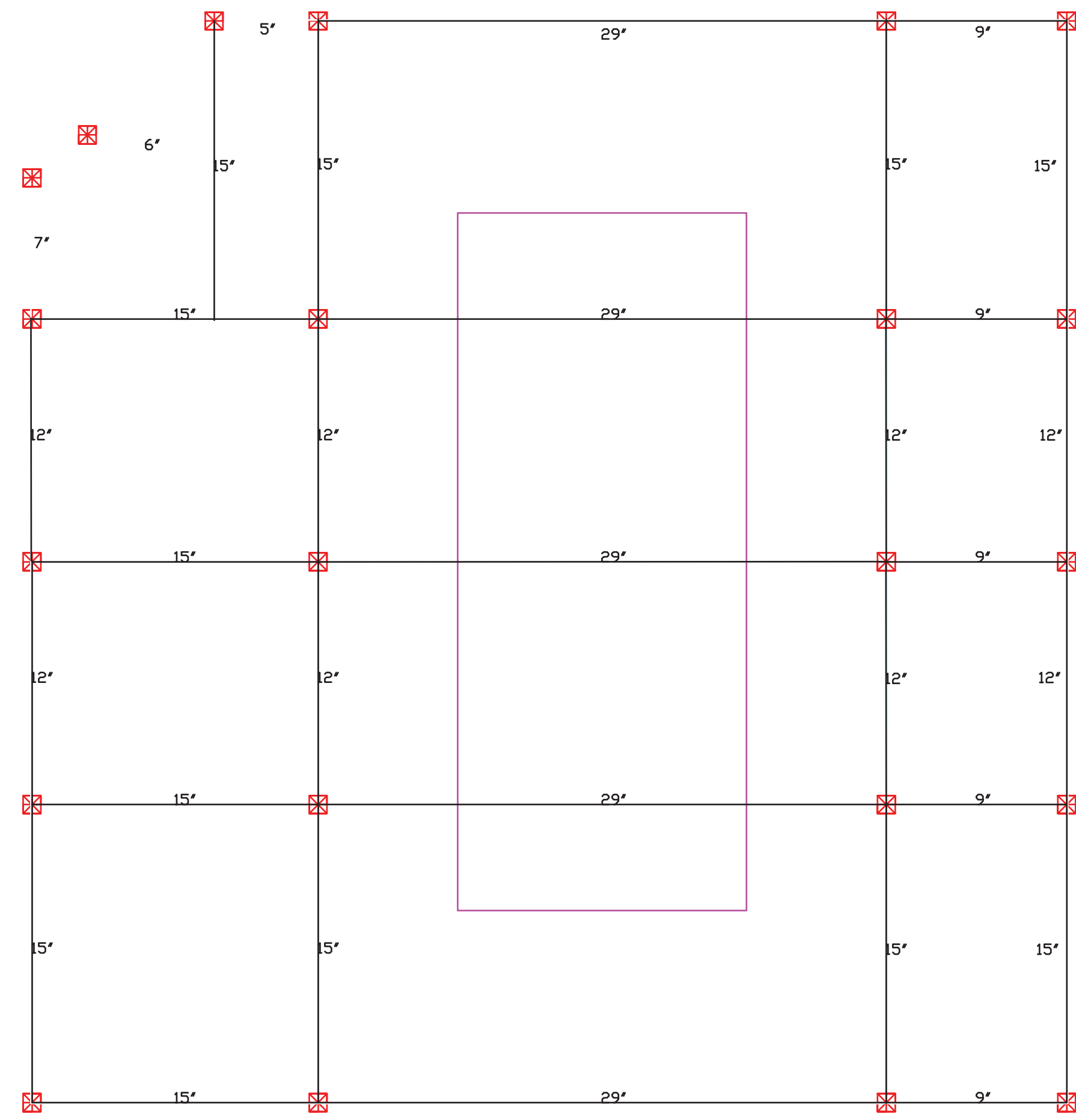
Drawn by PM TEAM D

Professor Name KING

Checked by PROF. KING

Scale

DWG NAME



BEAM DEPTH

203 JAY STREET BROOKLYN NY

STRUCTURE BEAM

PM GROUP DISLA

JEAN CARLOS PICHARDO

RENZO VALERIO

DELVIS DISLA

CHIMDIEBUBE C. EJIMBE

FRANCESCO CAMPO

Project number 001

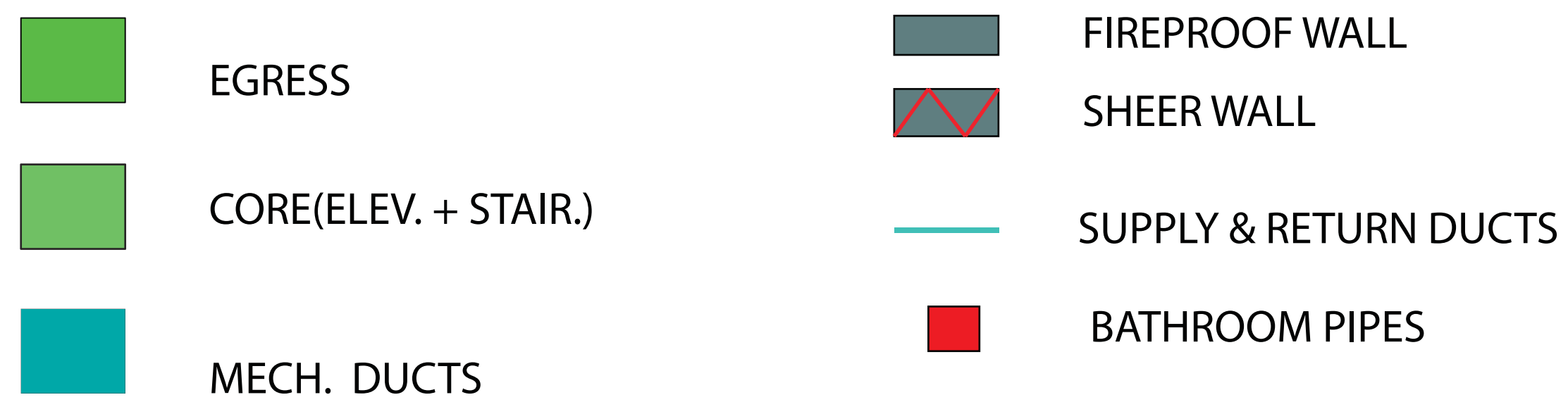
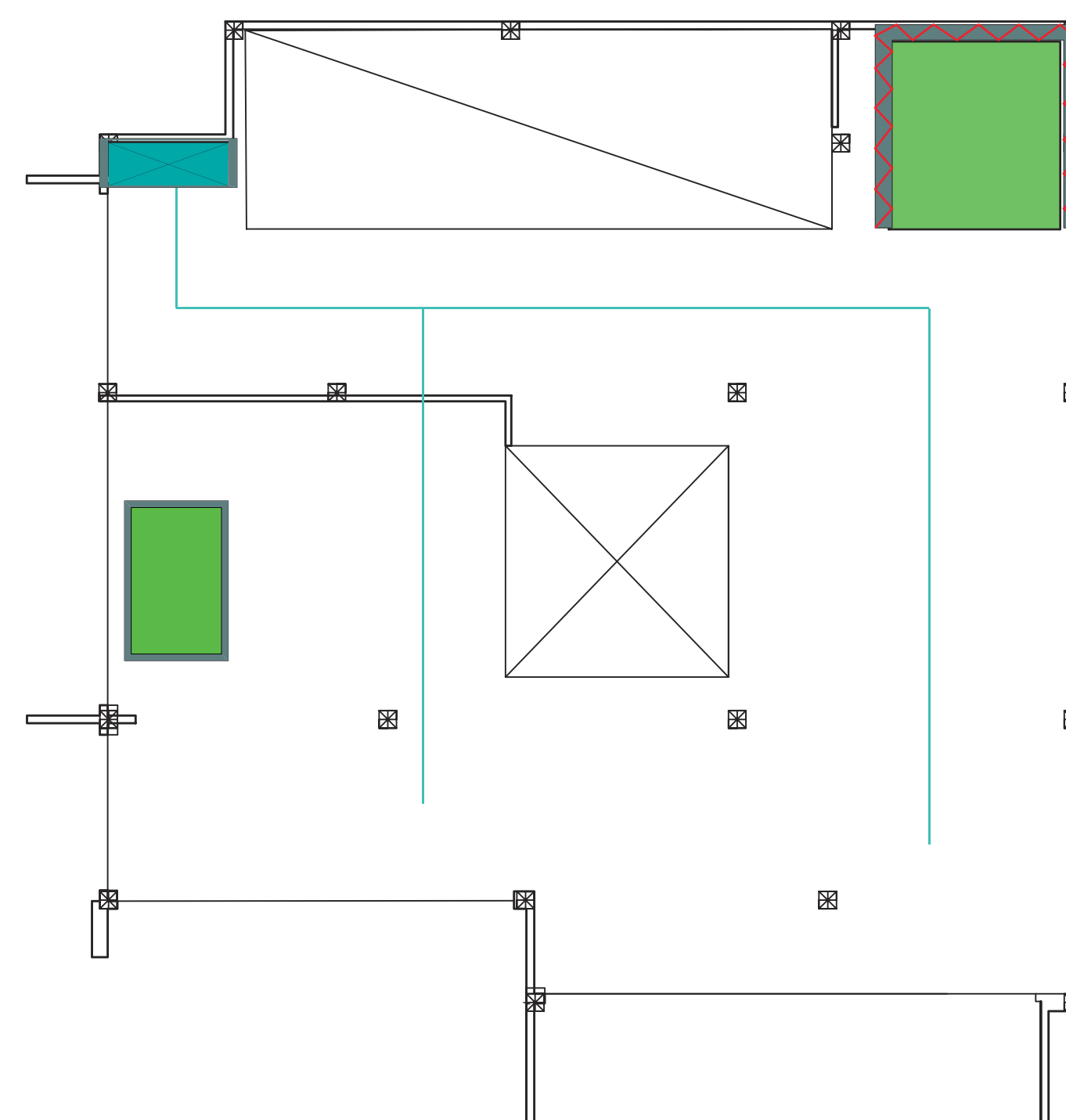
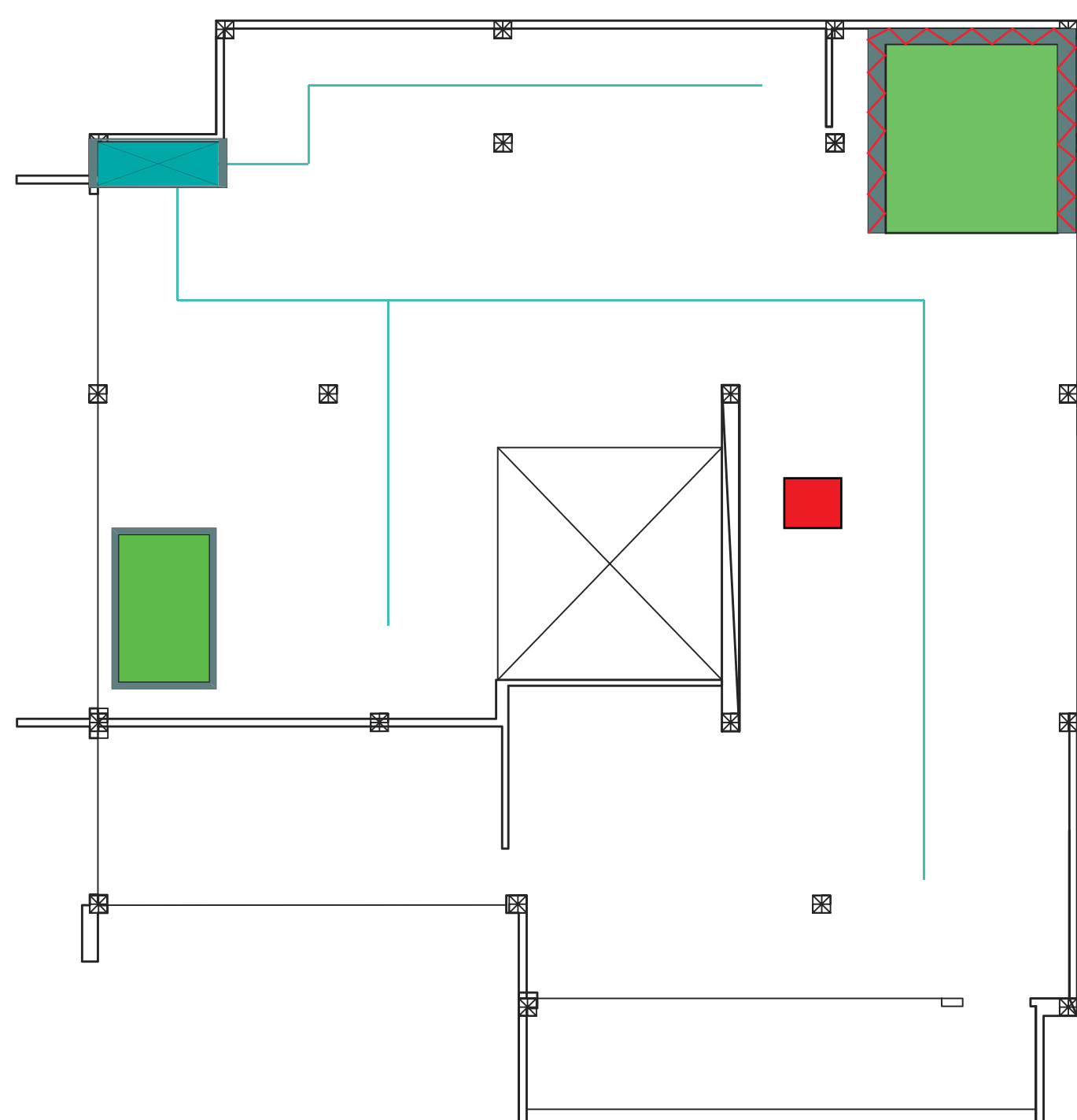
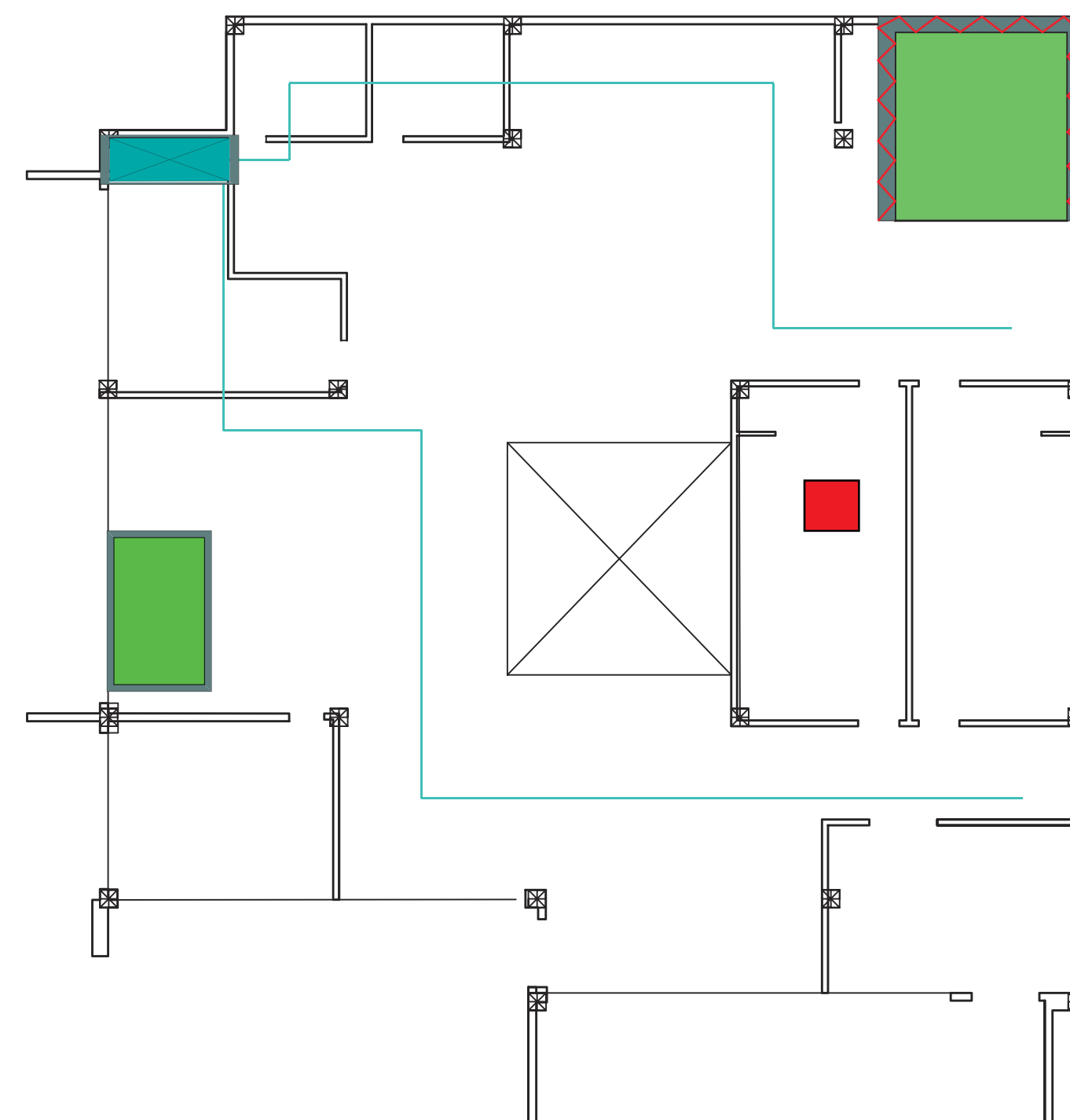
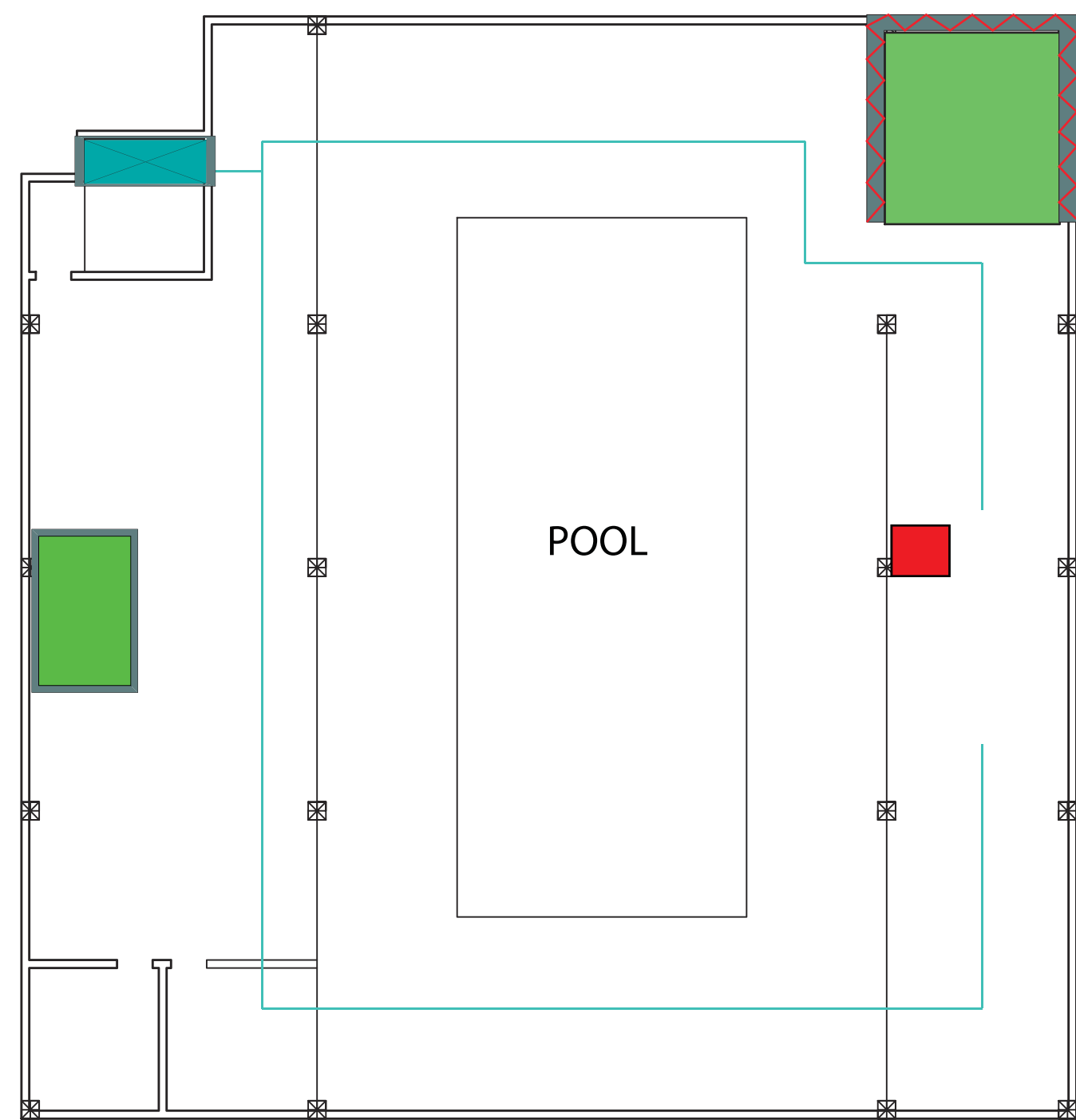
Date 02/26/16

Drawn by 02/28/16

Professor Name KING

Checked by PROF. KING

Scale



MECHANICAL

203 JAY STREET

EGRESS & SHAFTS

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

RENZO VALERIO

DELVIS DISLA

JEAN CARLOS PICHARDO

FRANCESCO CAMPO

Project number 001

Date 03/01/16

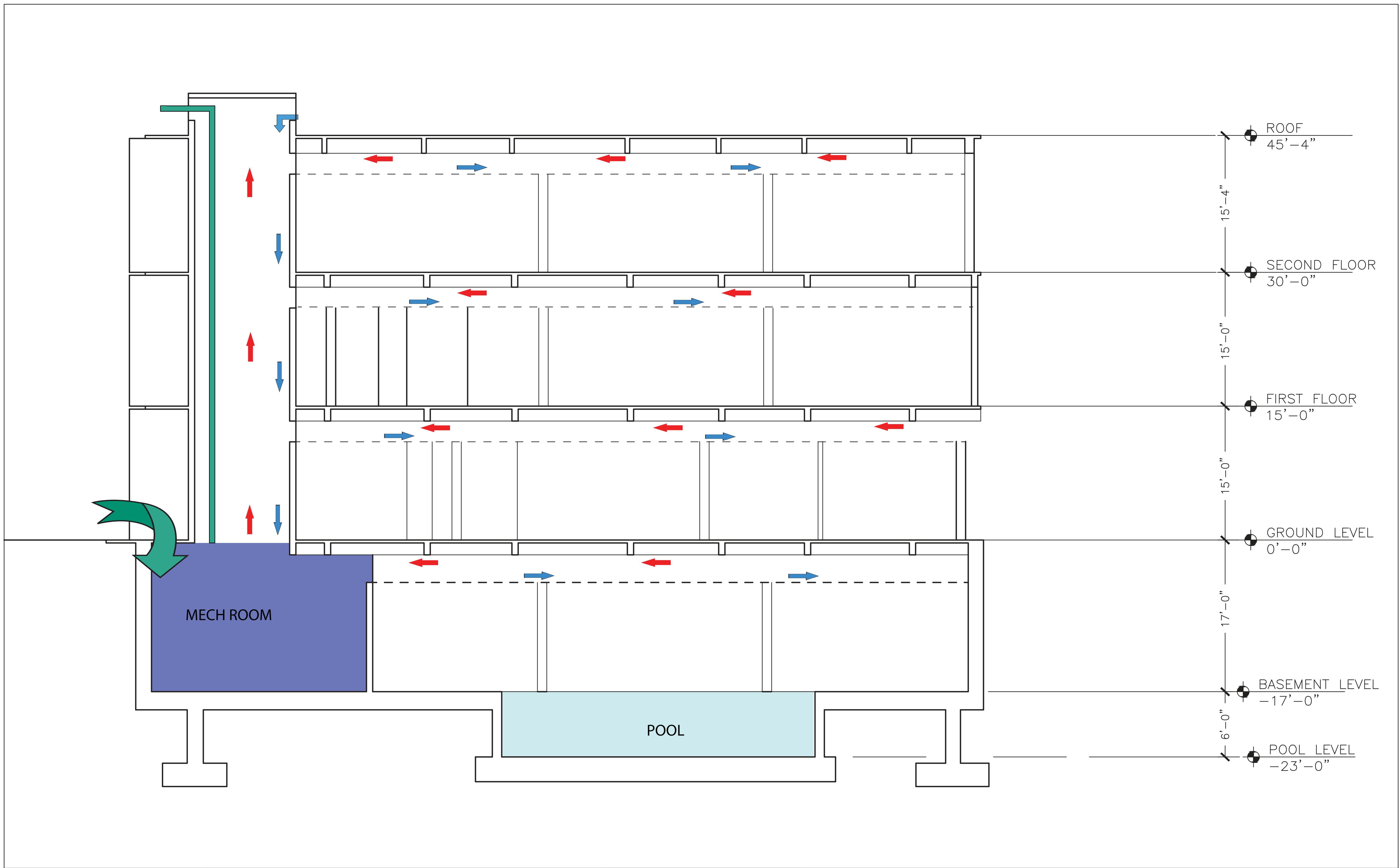
Drawn by PM TEAM D




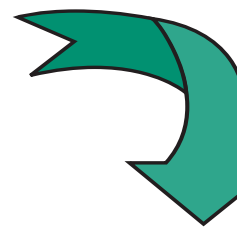
Professor Name KING

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DWG NAME



-  SUPPLY
-  RETURN
-  MECH. ROOM VENTILATION INTAKE
-  MECH. ROOM 2ND VENTILATION PROPOSAL

----- CEILING

MECHANICAL

203 JAY STREET

HVAC

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

RENZO VALERIO

DELVIS DISLA

JEAN CARLOS PICHARDO

FRANCESCO CAMPO

Project number	001
Date	03/01/16
Drawn by	PM TEAM D
Professor Name	KING
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DWG NAME

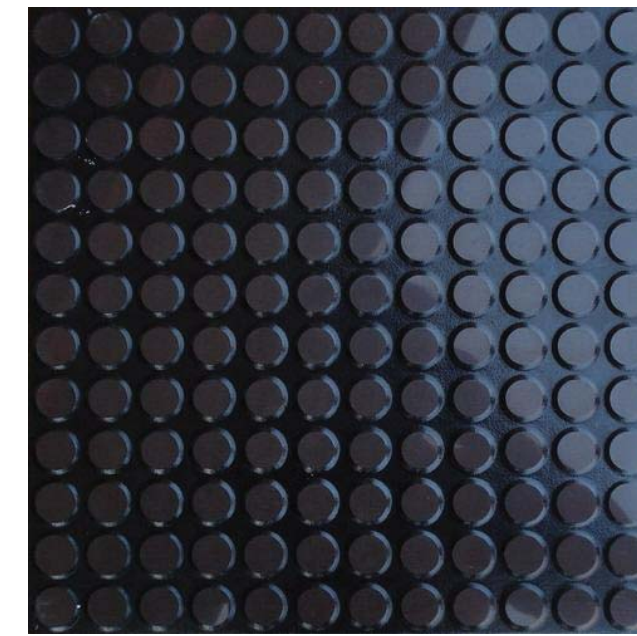
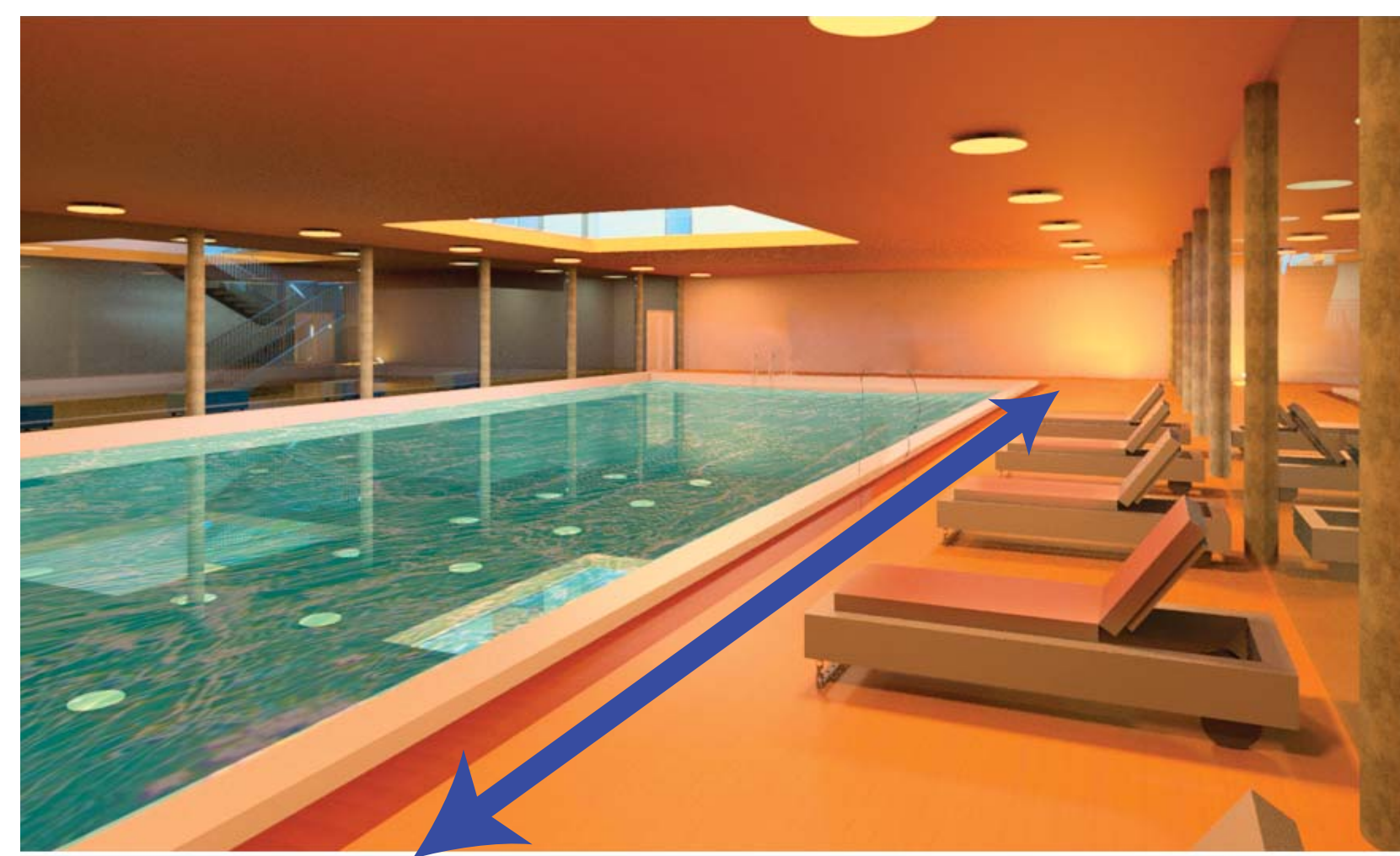


PRESENT OR EXISTING MATERIALS:

- CONCRETE
- WOOD
- GLASS
- ALUMINUM
- PLASTIC

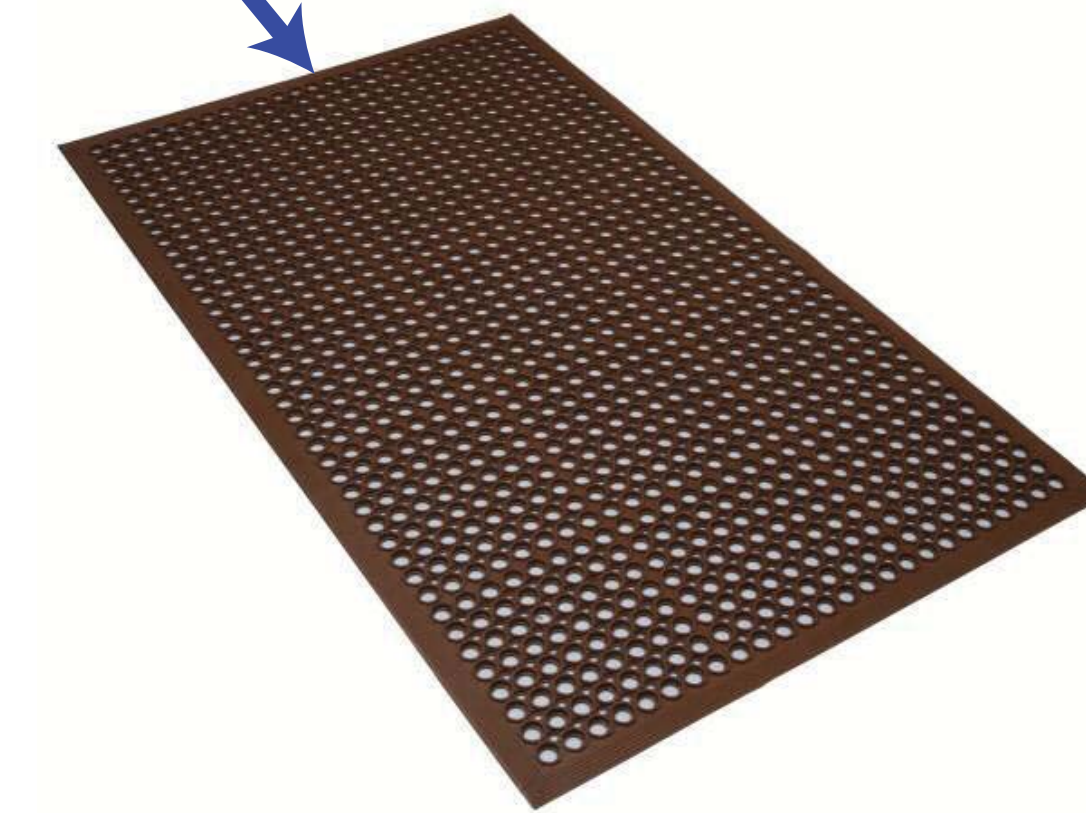
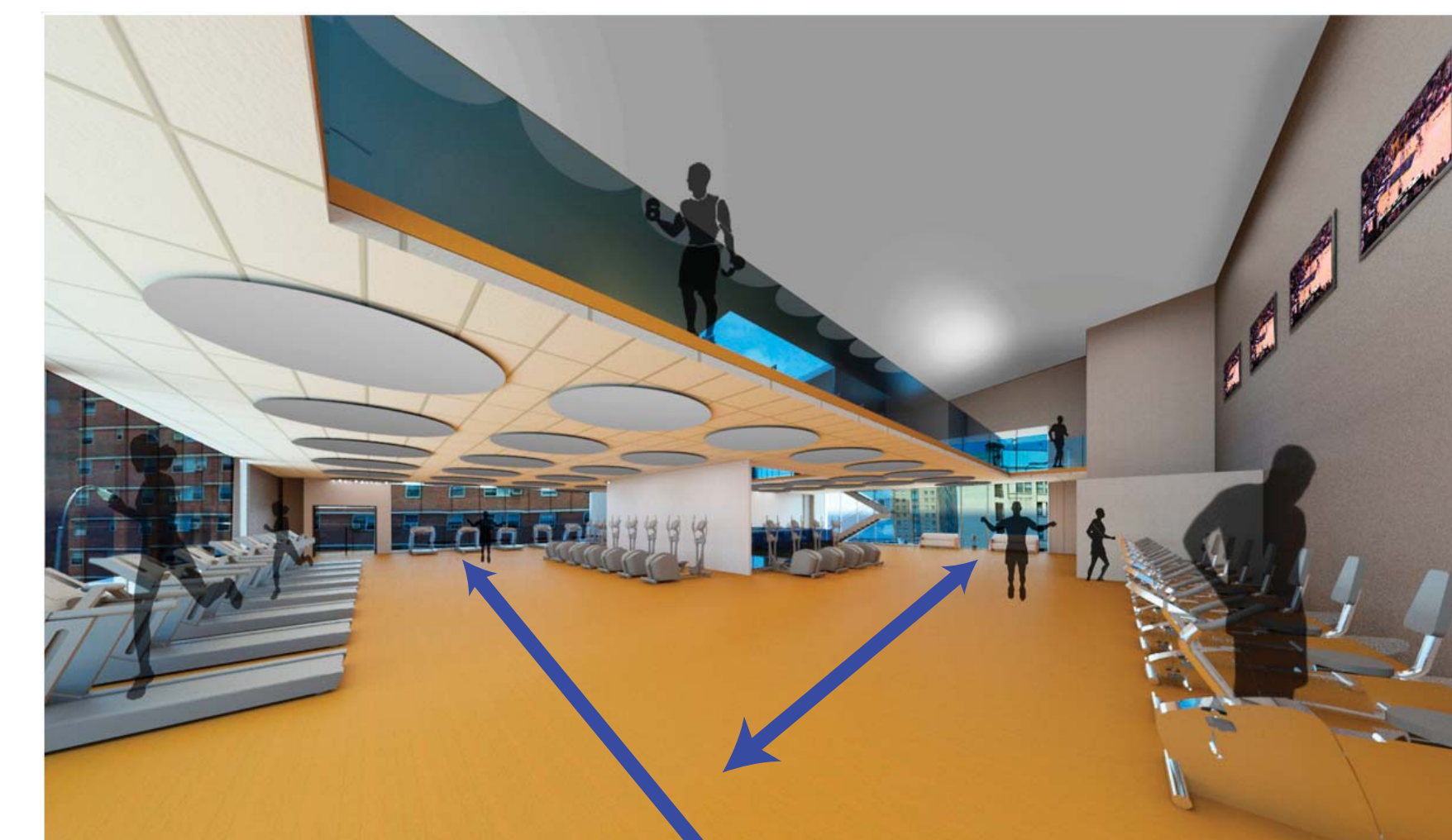
WALL SYSTEM:

CURTAIN WALL



PROPOSED ADD-ONS OR CHANGE OF MATERIALS:

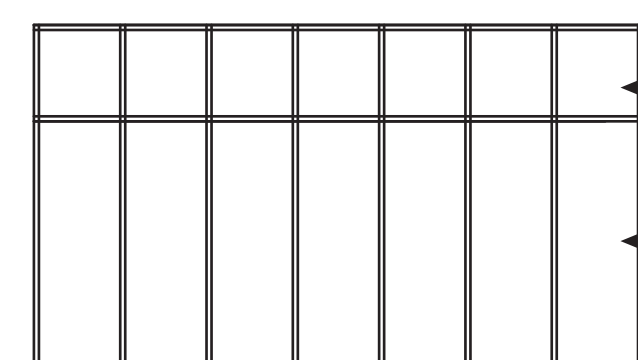
1. POOL SIDE ANTI-SLIPPING FLOOR



2. WALKWAY PAD ON THREADMILL LEVEL

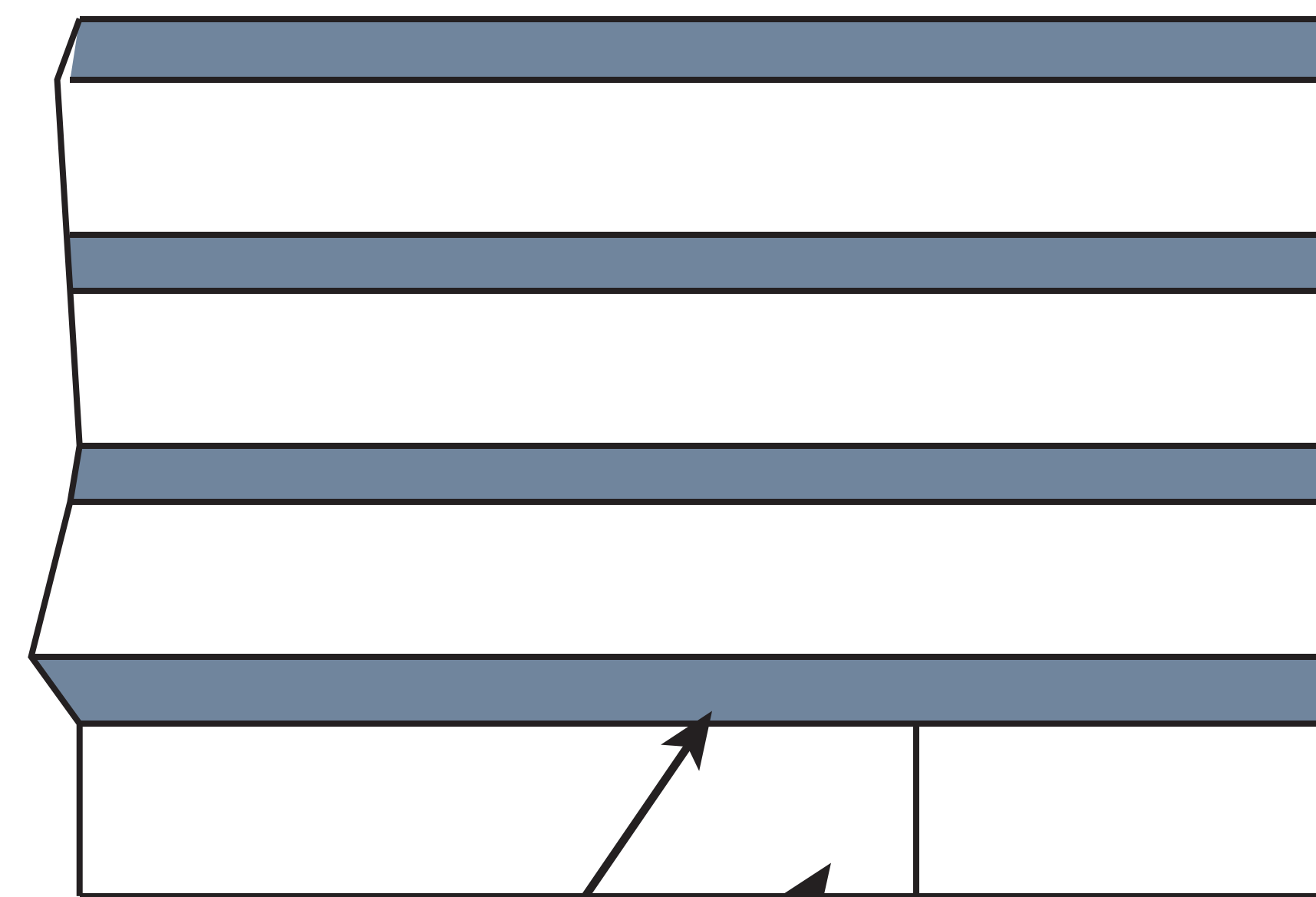
3. MAKE REAR WALL SOUND PROOF

3. FACADE REDESIGN



← OPAQUE CLADDING

← TRANSPARENT GLASS



AESTHETICS

203 JAY STREET

MATERIALS

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

RENZO VALERIO

DELVIS DISLA

JEAN CARLOS PICHARDO

FRANCESCO CAMPO

Project number 001

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Scale

DWG NAME

PROGRAMS

BASEMENT- POOL- 1435 sq/ft SPACE AROUND- 2957 sq/ft
SPA AREA- min. 108 sq/ft opt. 140 sq/ft
MECHANICAL ROOM

GROUND LEVEL- ENTRY

LOCKER ROOMS/SHOWERS- 750 sq/ft
OFFICES (3)- 100 sq/ft
SITTING AREA (2)- OUTDOOR-365 sq/ft
INFORMATION BOOTH- 300 sq/ft
GYMNASTICS AREA - 580 sq/ft

SPACE 'NOT USED' :
BASEMENT- 1389 sq/ft
1st FLOOR- 980 sq/ft

SECOND FLOOR -GYMNASTICS AREA

CARDIO CENTER- 4163 SQ/FT

OCCUPANCY CLACULATIONS

BASEMENT 7843 SqFt - 7843/15 = 522.8666 = 522 PEOPLE
FIRST FLOOR 6537 SqFt - 6537/15 = 435.8 = 435 PEOPLE
SECOND FLOOR 6921 SqFt - 6921/15 = 461.4 = 461 PEOPLE
THIRD FLOOR 6531 SqFt - 6531/15 = 435.4 = 435 PEDPLE

BASEMENT- POOL- 1435 sq/ft SPACE AROUND- 2957 sq/ft
SPA AREA- min. 108 sq/ft opt. 140 sq/ft

GROUND LEVEL- ENTRY

LOCKER ROOMS/SHOWERS- 750 sq/ft 750/50 = 15 PEOPLE
OFFICES (3)- 100 sq/ft 100/100 = 1 PERSON
SITTING AREA (2)- OUTDOOR-365 sq/ft 365/7 = 52 PEOPLE
INFORMATION BOOTH- 103 sq/ft 103/5 = 20 PEOPLE
GYMNASTICS AREA - 580 sq/ft 580/15 = 38 PEOPLE

SECOND FLOOR - GYMNASTICS AREA - 580 sq/ft 580/15 = 38 PEOPLE
CARDIO CENTER- 4163 SQ/FT 4163/15 = 277 PEOPLE

THIRD FLOOR - WEIGHT TRAINING AREA- 3727 SQ/FT 3727/50 = 74 PEOPLE

STAIR CALCULATIONS

BASEMENT FLOOR TO FLOOR HEIGHT = 180IN/6 = 30 RISERS @ 6 IN HEIGHT
FIRST FLOOR TO 2ND FLOOR HEIGHT = 180IN/6 = 30 RISERS @ 6 IN HEIGHT
2ND FLOOR TO 3RD FLOOR HEIGHT = 180IN/6 = 30 RISERS @ 6 IN HEIGHT
3RD FLOOR TO CEILING/ROOF 180IN/6 = 30 RISERS @ 6 IN HEIGHT
STAIR TREAD DEPTH @ 11IN FOR EVERY FL

BASEMENT RISER WIDTH 522 * .3 = 156.6IN/12 = 13.05 FT
1ST FLOOR RISER 435 * .3 = 130.5IN/12 = 10.875 FT
2ND FLOOR RISER 461 * .3 = 138.3IN/12 = 11.525 FT
3RD FLOOR RISER 435 * .3 = 130.5/12 = 10.875 FT

1435+2957 = 4392 4392/5 = 878 PEOPLE
DECIDED AREA: 130 SQ/FT 130/15 = 8 PEOPLE (2 PEOPLE PER SPA ROOM)

CALCULATIONS

203 JAY STREET

EGRESS & OCCUPANCY LOAD CALCULATION

PM GROUP DISLA

CHIMDIEBUBE C. EJIMBE

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