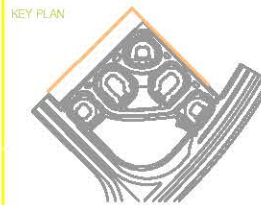


NOTES:
1. Refer to drawing 001 for TOTAL FOUNDATIONS



PROJECT NAME:
MARVEL CITY MALL

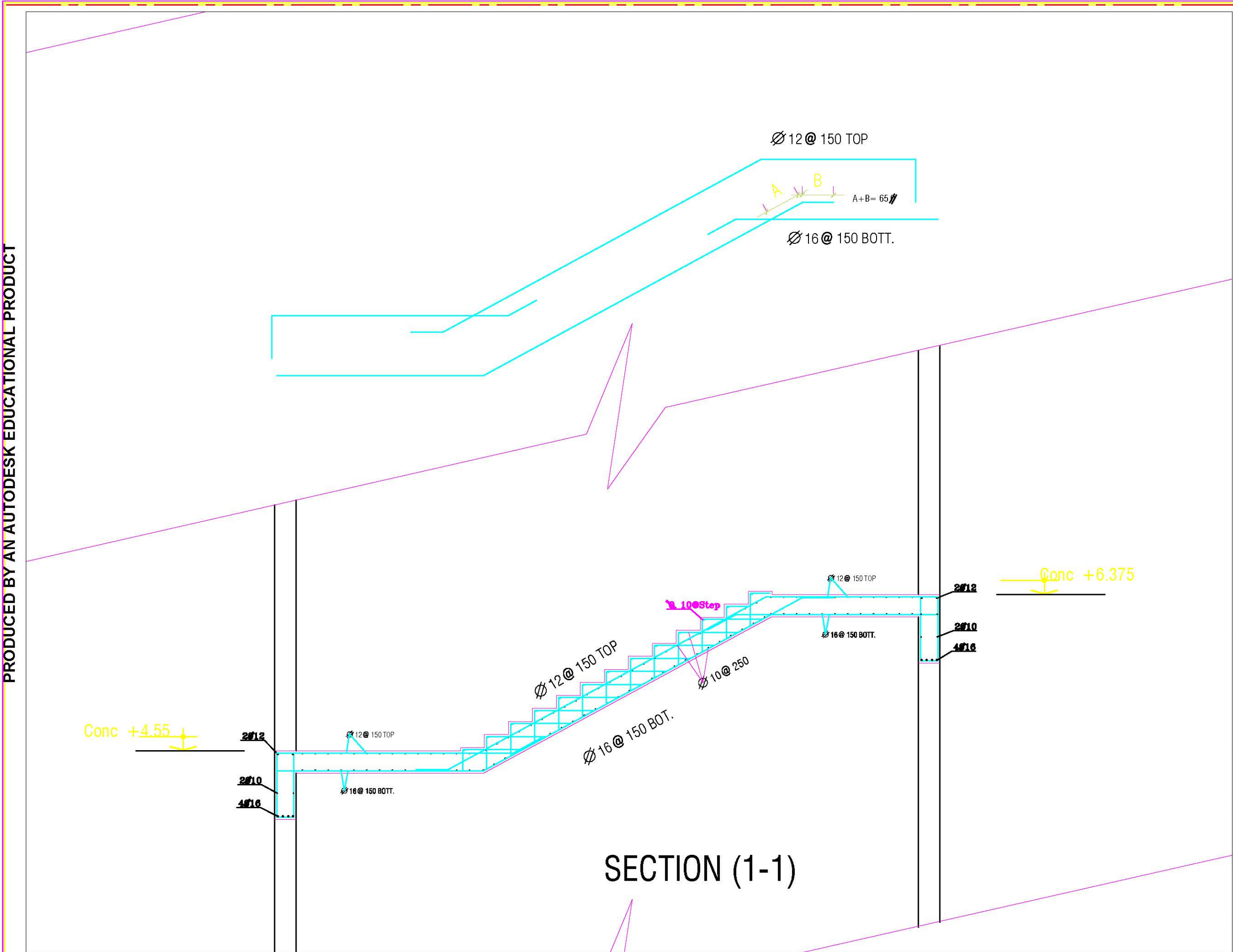


ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	DATE	DESCRIPTION	BY
1	2023/01/01	ISSUED FOR CONSTRUCTION	MA
2	2023/01/01	ISSUED FOR CONSTRUCTION	MA
3	2023/01/01	ISSUED FOR CONSTRUCTION	MA
4	2023/01/01	ISSUED FOR CONSTRUCTION	MA
5	2023/01/01	ISSUED FOR CONSTRUCTION	MA
6	2023/01/01	ISSUED FOR CONSTRUCTION	MA
7	2023/01/01	ISSUED FOR CONSTRUCTION	MA
8	2023/01/01	ISSUED FOR CONSTRUCTION	MA
9	2023/01/01	ISSUED FOR CONSTRUCTION	MA
10	2023/01/01	ISSUED FOR CONSTRUCTION	MA

DRAWING TITLE:
DETAIL OF STAIR(1) IN BASEMENT OF ZONE (1)
From First To Second
Reinforcement

SHEET:
SD-ST-ST-R01-01(D)



NOTES:
1. Refer to drawing 001 for TOTAL FOUNDATIONS



PROJECT NAME:
MARVEL CITY MALL

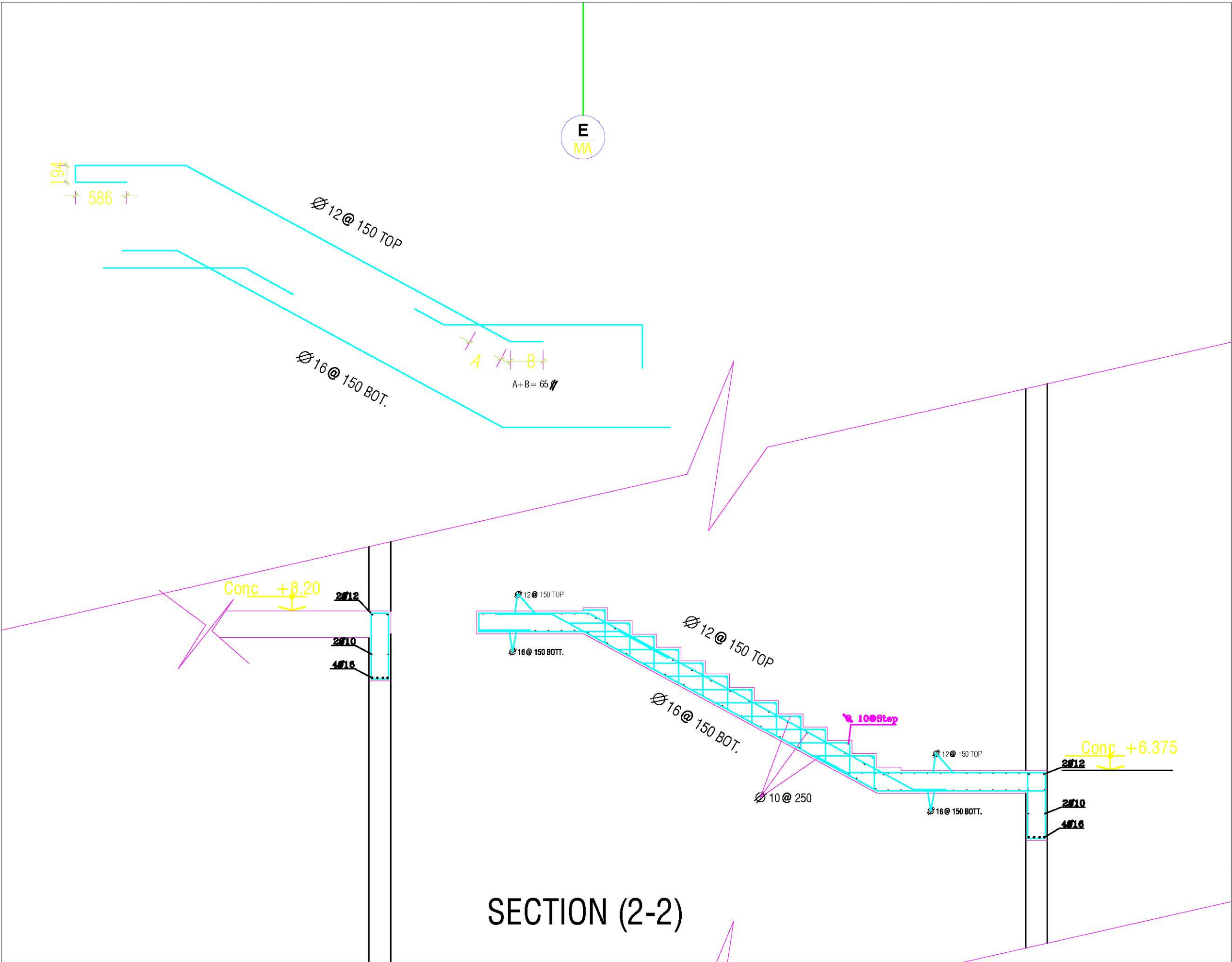


REV.	DATE	DESCRIPTION	BY

DATE:	25 Dec 2023
SCALE:	1/50
DESIGNED BY:	SDR, HADJI AND MARWAN
CHECKED BY:	SDR, AMR, MARWAN
APPROVED BY:	SDR, ASSEF, 2023

DRAWING TITLE:
DETAIL OF STAIR(1) IN BASEMENT OF ZONE (1)
From First To Second
Reinforcement

SHEET:
SD-ST-ST-R01-01(E)



NOTES:
1. Refer to drawing 001 for TOTAL FOUNDATIONS.



PROJECT NAME:
MARVEL CITY MALL

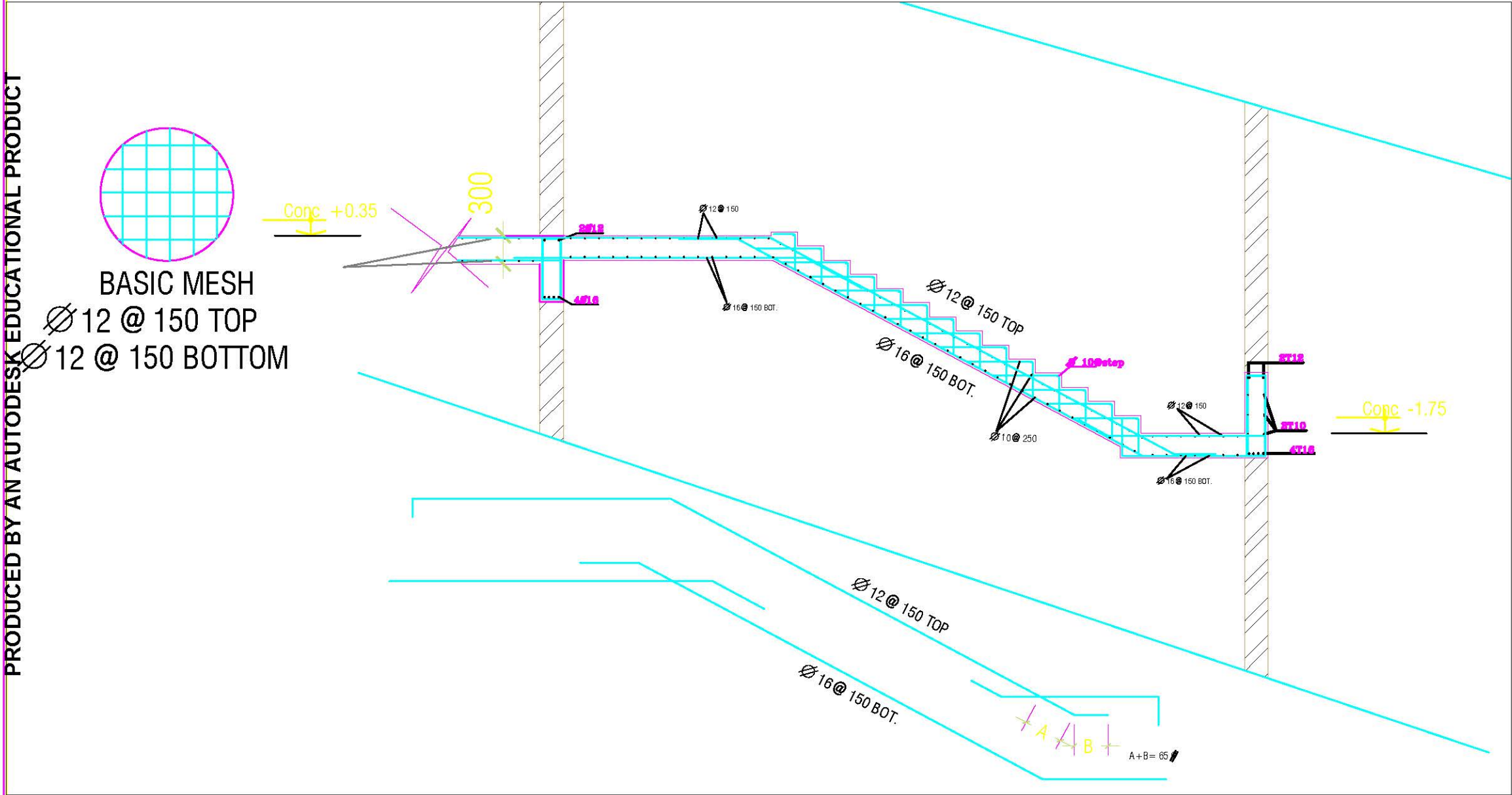


NO.	DATE	DESCRIPTION	BY
1	2023/01/01	ISSUED FOR PERMIT	01/01/23
2	2023/01/01	ISSUED FOR CONSTRUCTION	01/01/23
3	2023/01/01	ISSUED FOR AS-BUILT	01/01/23

DRAWING TITLE:
DETAIL OF STAIR(1) IN BASEMENT OF ZONE (1)
From First To Second
Ramp/curved

SHEET:
SD-ST-ST-R01-01-01(F)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



NOTES:
1. Refer to drawing SD-01 for TOTAL FOUNDATIONS.



PROJECT NAME:
MARVEL CITY MALL



OWNER:

MABAA FOR BLD. CO - EGYPT

PROJECT CONSULTANT:

NAMAA FOR ENGINEERING CONSULT


GENERAL CONTRACTOR:

ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	DATE	DESCRIPTION	BY
REVISIONS			
DATE	IN THE YEAR		
SCALE	1/8"		
STATUS/NO.	1/8" (1/8" and 1/8")		
CHECKED	1/8" AND 1/8"		
APPROVED	1/8" APPROVED		

MARVEL CITY MALL

KEY PLAN :



REVISIONS

SCALE	1:50
-------	------

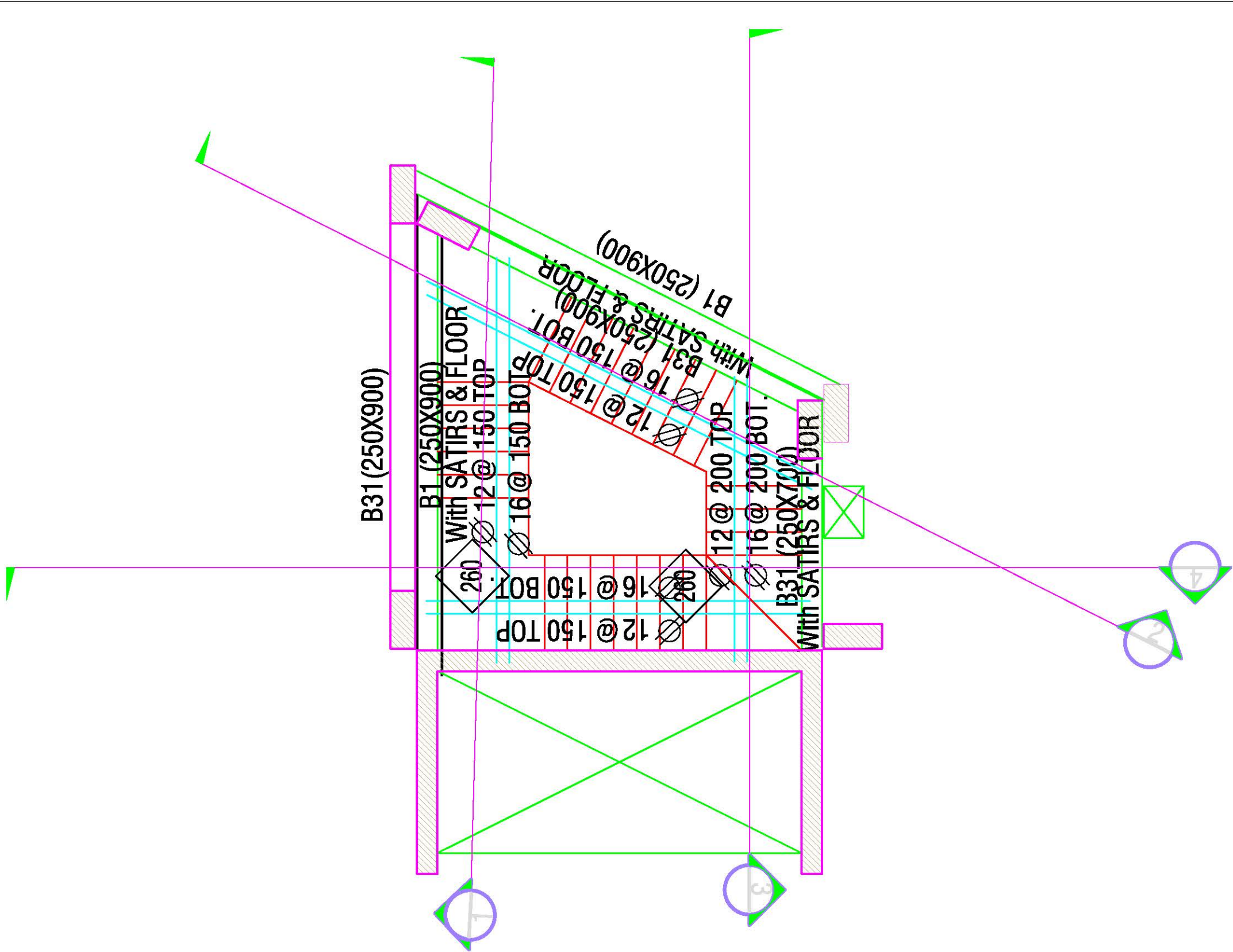
ENGINEER	ENGR. Ahmed Abdel Massoud
CLASSIFICATION	ENGR. 1-3-CDT 1-6-CHT 1-3-16

APPROVED	ENG. ASHRAF ZAKY
----------	------------------

[illegible]

SD ST ST R# 01 02 (Z)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



NOTES
1. Refer to drawing SD-01-01 for TOTAL FLOOR AREA.



PROJECT NAME
MARVEL CITY MALL

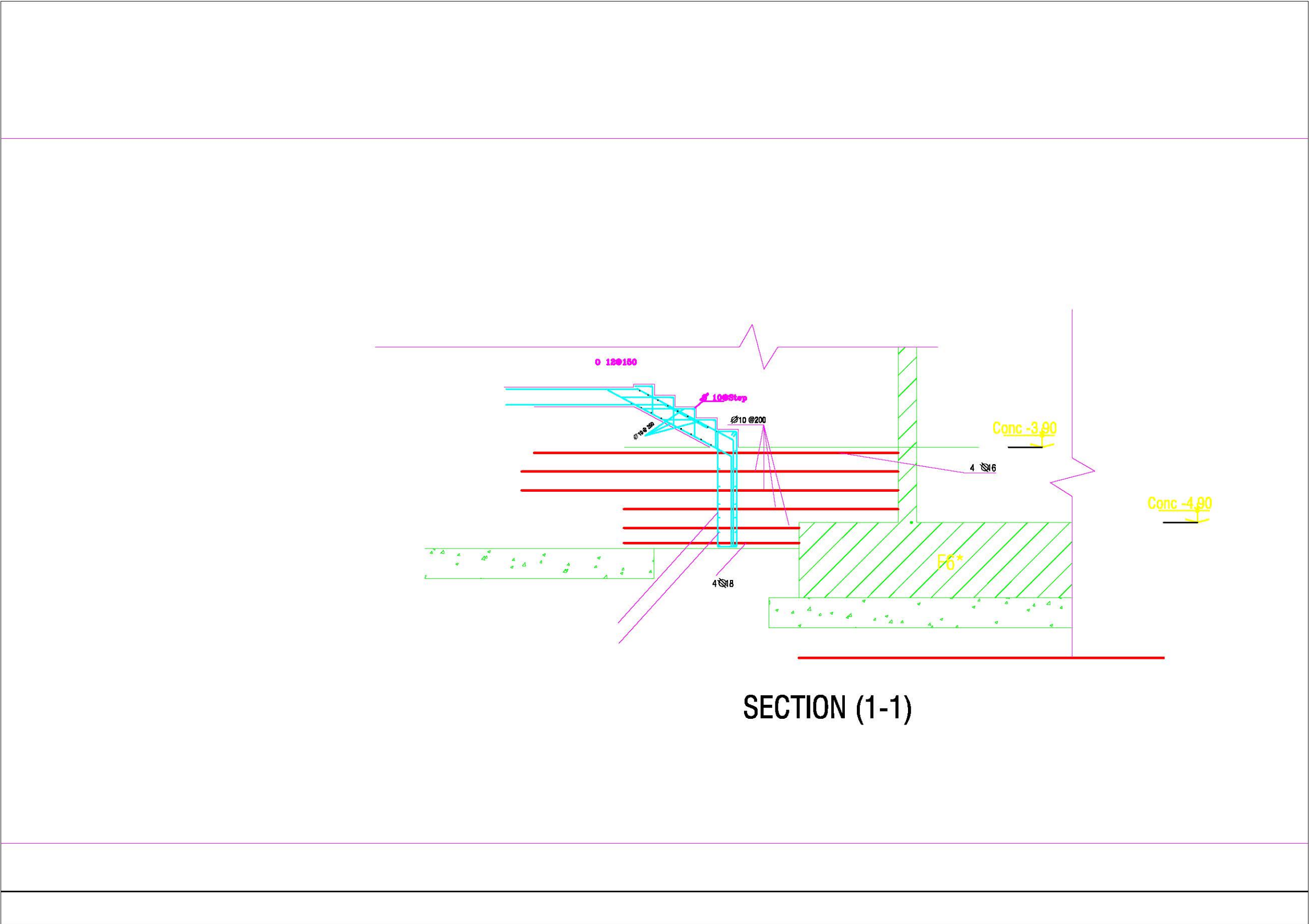


REV.	DATE	DESCRIPTION	BY
1	01/01/2021	ISSUED FOR CONSTRUCTION	01/01/2021

DATE	01/01/2021
SCALE	1:50
DESIGNED BY	01/01/2021
CHECKED BY	01/01/2021
APPROVED BY	01/01/2021

DRAWING TITLE
DETAIL OF STAIR(S) IN BASEMENT OF ZONE I
From Basement To Ground
Basement

SHEET
SD-ST-ST-R1-01-02



SECTION (1-1)

NOTES:
1. Refer to drawing SD-01 for TOTAL FOUNDATIONS.



PROJECT NAME:
MARVEL CITY MALL

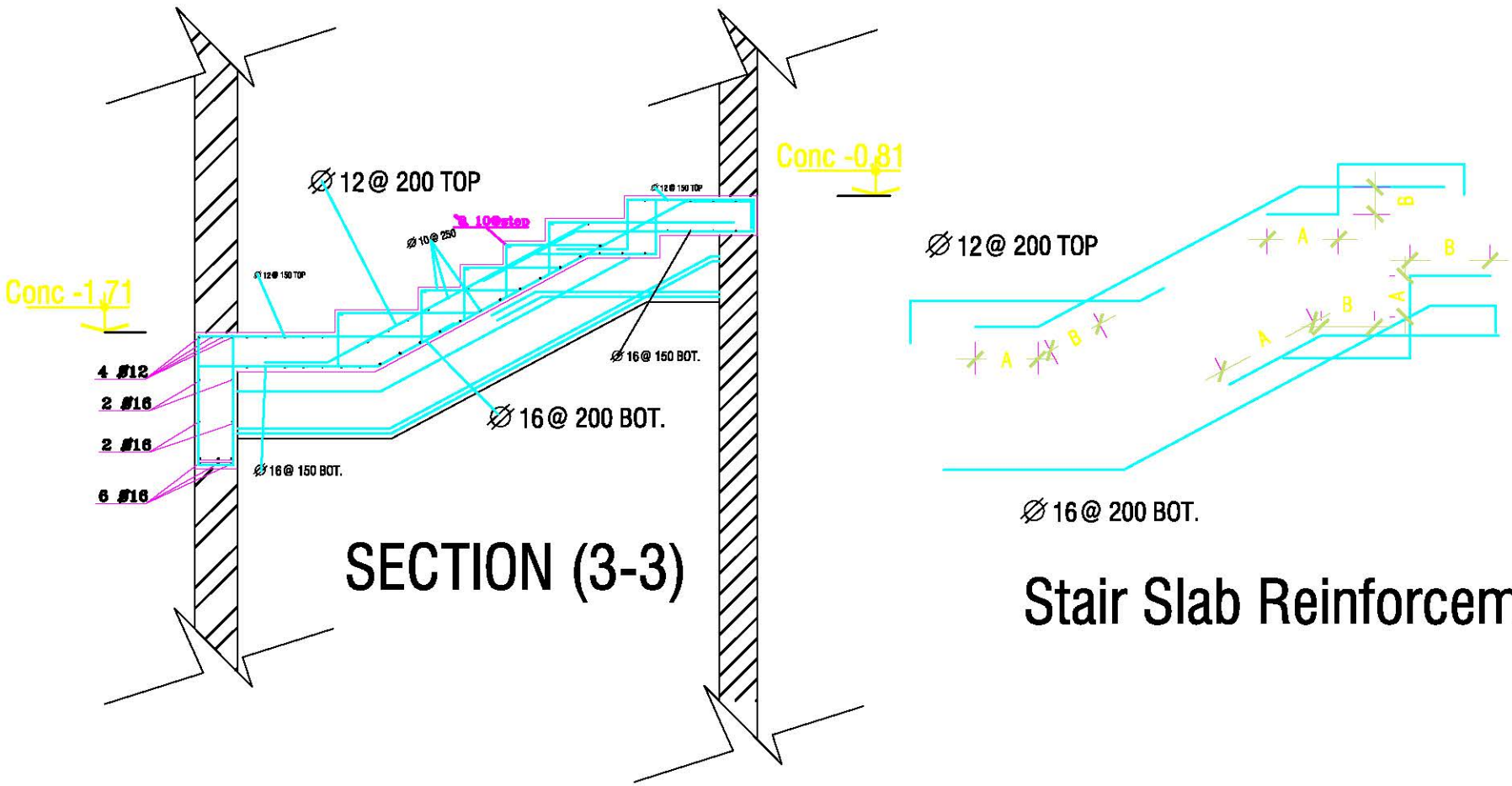


REV.	DATE	DESCRIPTION	BY

DATE:	25 Dec 2023
SCALE:	1/50
DESIGNED BY:	2023 Ahmad Mohamed
CHECKED BY:	2023 Ahmed Mahmoud
APPROVED BY:	2023 Ahmed Mahmoud

DRAWING TITLE:
DETAIL OF STAIR(S) IN BASEMENT OF ZONE ()
From Basement To Ground
Plinth level

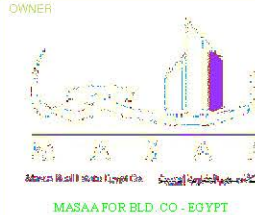
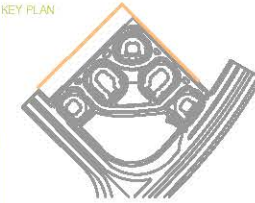
SHEET:
SD-ST-ST-R1-01-02



NOTES:
1. Refer to drawing SD-ST-Rf-01-02 for TOTAL REINFORCEMENT.



PROJECT NAME:
MARVEL CITY MALL



NO.	DATE	DESCRIPTION	BY
REVISIONS			

DATE:	25 Dec 2023
SCALE:	1/50
ESTABLISHED BY:	2023/12/25/2023
CHECKED BY:	2023/12/25/2023
APPROVED BY:	2023/12/25/2023

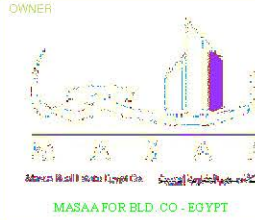
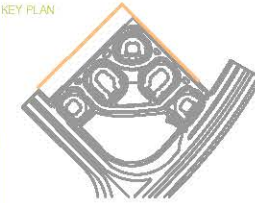
DRAWING TITLE:
DETAIL OF STAIR(S) IN BASEMENT OF ZONE ()
From Basement To Ground
Reinforcement

SHEET:
SD-ST-ST-Rf-01-02

NOTES:
1. Refer to drawing SD-ST-Rf-01-02 for TOTAL FINISHES.



PROJECT NAME:
MARVEL CITY MALL

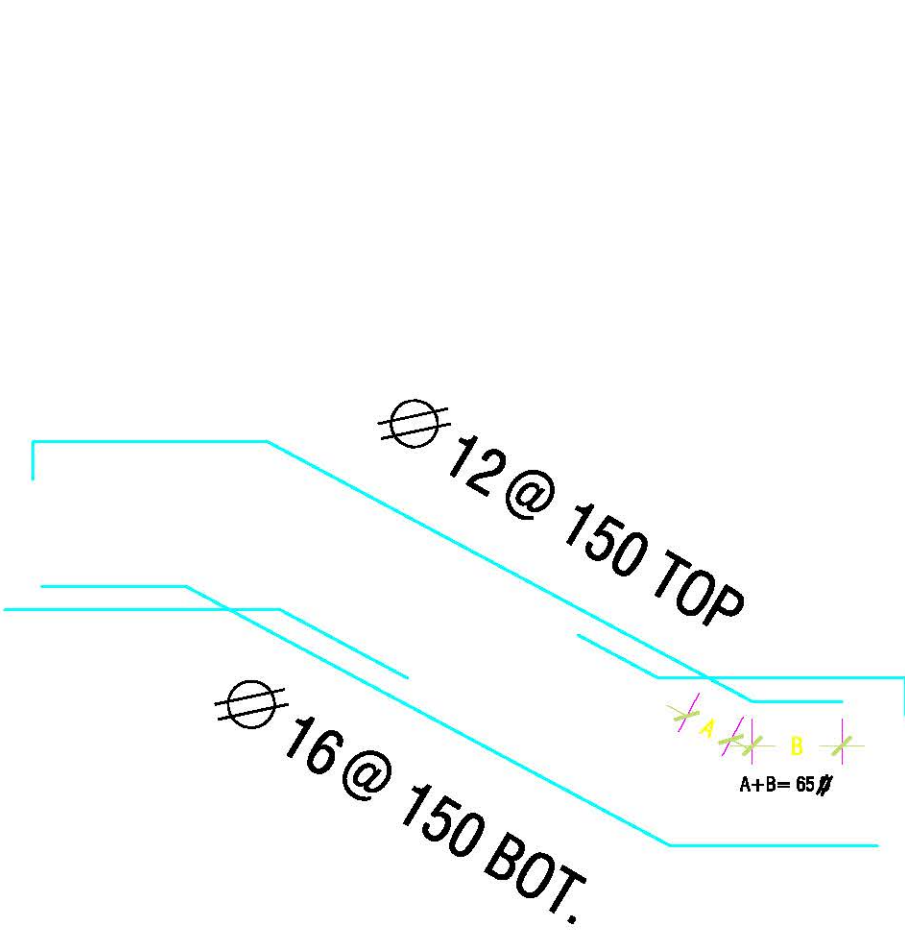


NO.	DATE	DESCRIPTION	BY
REVISIONS			

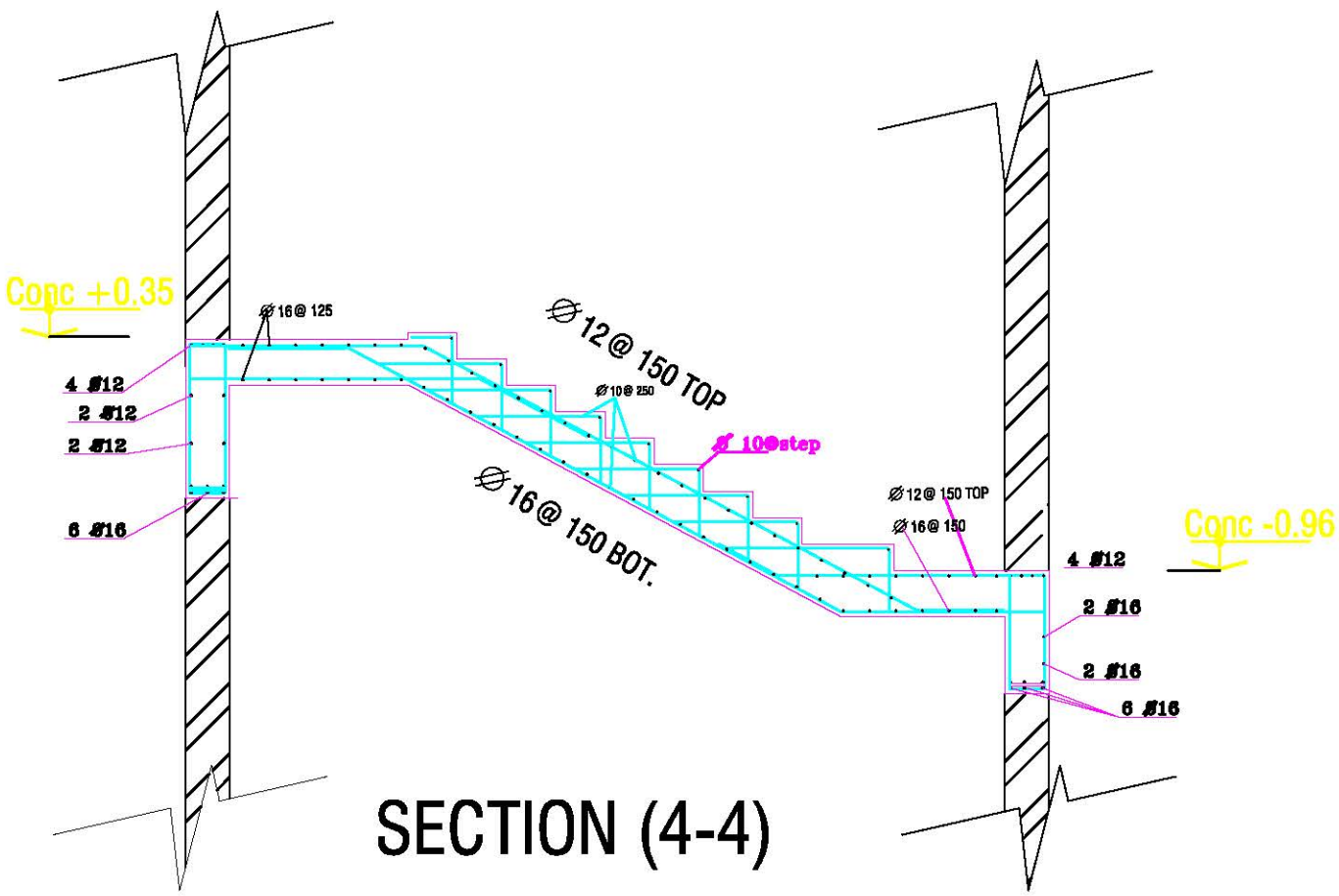
DATE:	25 Dec 2023
SCALE:	1/20
ESTABLISHED:	2023: Plans and Materials
CHECKED:	2023: ARABY: MATERIALS
APPROVED:	2023: ARABY: 2023

DRAWING TITLE:
DETAIL OF STAIR(S) IN BASEMENT OF ZONE ()
From Basement To Ground
Ramp for carport

SHEET:
SD-ST-ST-Rf-01-02



Stair Slab Reinforcement



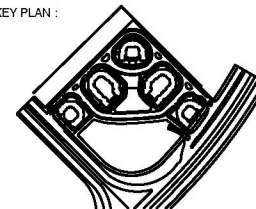
SECTION (4-4)



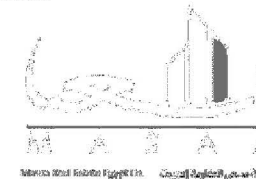
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN :



OWNER

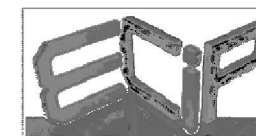


PROJECT CONSULTANT:



NAMAA FOR ENGINEERING CONSULT

GENERAL CONTRACTOR :



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	DATE	DESCRIPTION		APPR.	
REVISIONS					
DATE	9 Jan 2013				
SCALE	1:40				
ESTABLISH	EN3 AmedAtef Masrood				
CHECKED	EN3 AMIN MASHALI				
APPROVED	EN3 ASHRAF ZAEY				

DRAWING TITLE

DETAIL OF STAIR(3) IN BASEMENT OF ZONE 1

From Basement To Ground
Reinforcement

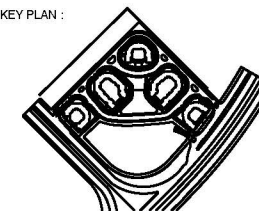
SHEET

SD-ST-ST-Rft-01-03

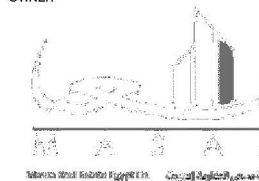


PROJECT NAME:

KEY PLAN :



OWNER

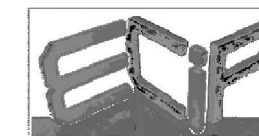


PROJECT CONSULTANT:



NAMAA FOR ENGINEERING CONSULT

GENERAL CONTRACTOR :



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	DATE	DESCRIPTION	APPR.
REVISIONS			
DATE	9 Jan 2013		
SCALE	1:40		
ESTABLISH	ENG Ahmed Ataf Masrood		
CHECKED	ENG AMIN MASHALI		
APPROVED	ENG ASHRAF ZAKY		

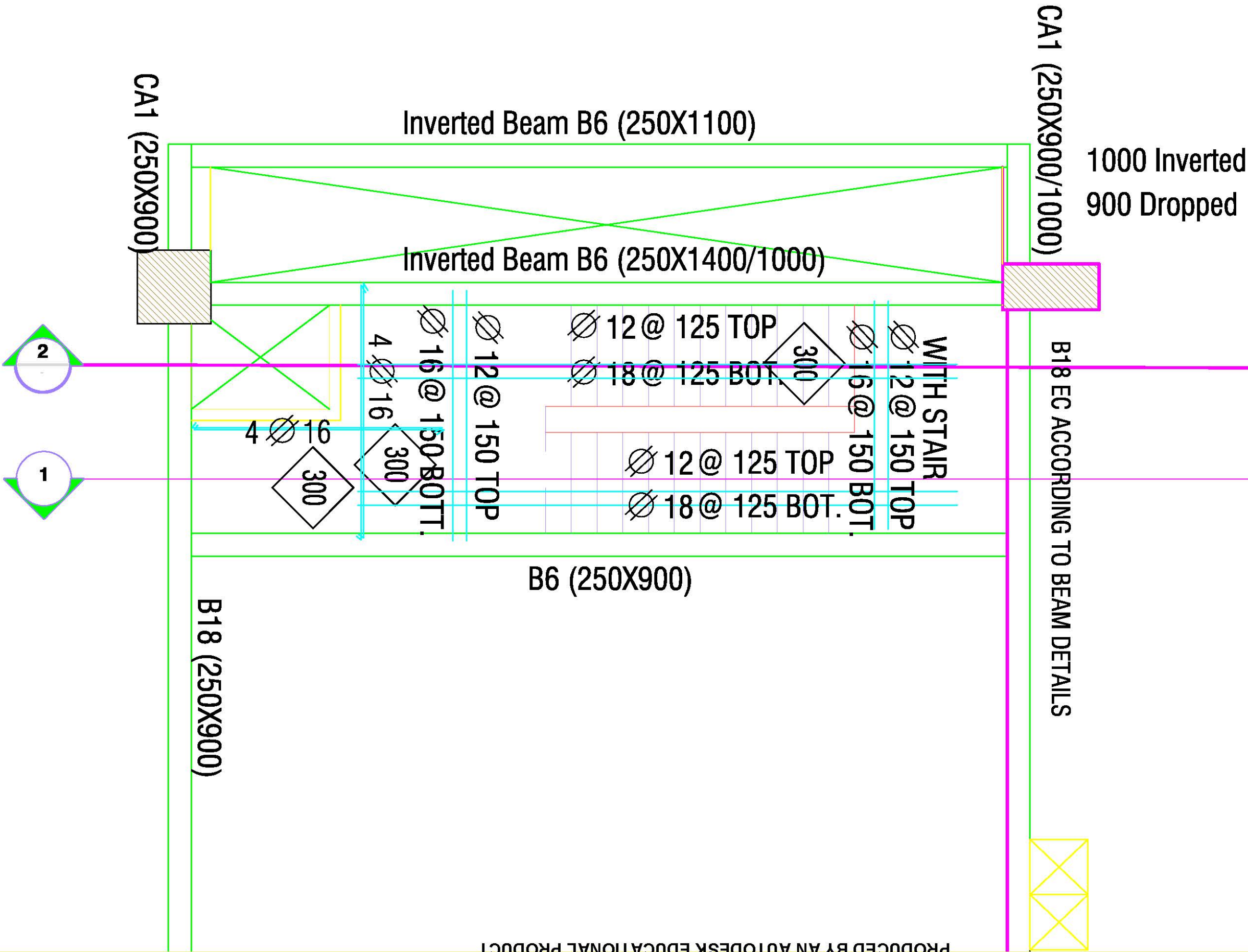
DRAWING TITLE

DETAIL OF STAIR(3) IN BASEMENT OF ZONE 1

From Basement To Ground
Reinforcement

SHEET

SD-ST -ST-Rft-01-03



NOTES

1. Note is a wing 200 in TOTAL FROM THE



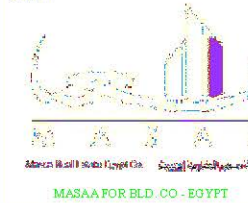
PROJECT NAME

MARVEL CITY MALL

KEY PLAN



OWNER



PROJECT CONSULTANT



GENERAL CONTRACTOR



NO.	DATE	DESCRIPTION	BY
1	2023	ISSUED FOR PERMIT	2023
2	2023	ISSUED FOR CONSTRUCTION	2023
3	2023	ISSUED FOR AS-BUILT	2023

DRAWING TITLE
DETAIL OF STAIR(S) IN BASEMENT OF ZONE I
From First To Second
Rear View

SHEET
SD-ST-ST-R1-01-03 (D)


PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCT



KEY PLAN

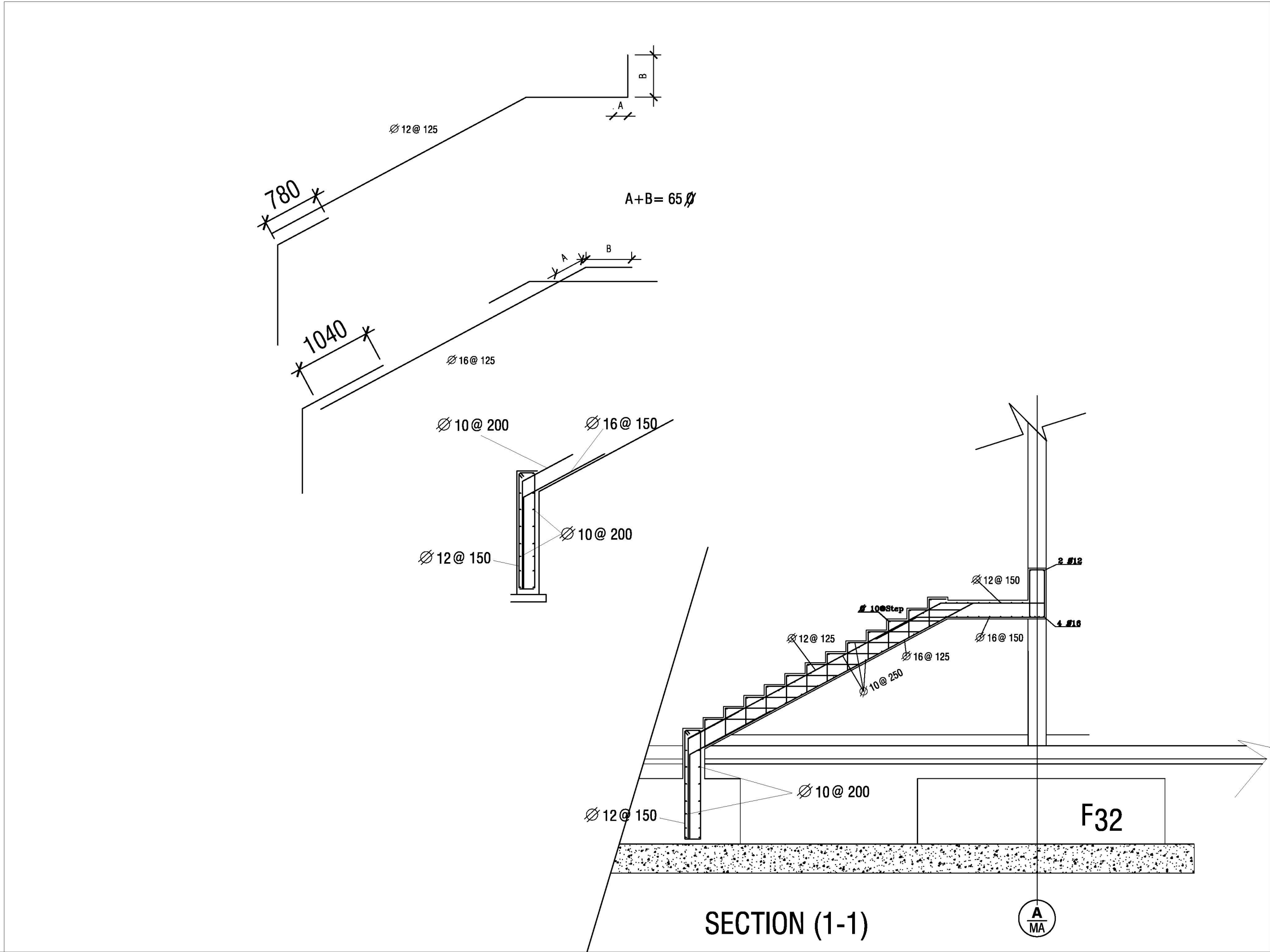


MASAA BLD CO. EGYPT



ENGINEERING-COMPANY FOR INTEGRATED PROJECTS

[illegible]



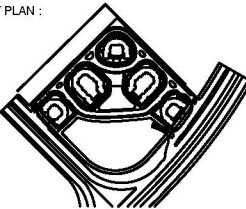
NOTES:
1- Refer to drawing S201 for TOTAL FOUNDATIONS.



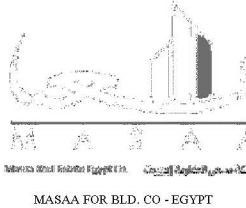
PROJECT NAME:

MARVEL CITY
MALL

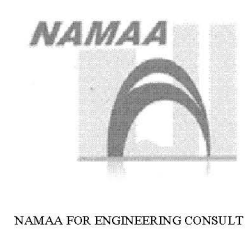
KEY PLAN :



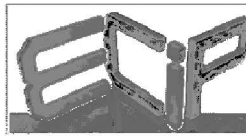
OWNER



PROJECT CONSULTANT:



GENERAL CONTRACTOR :



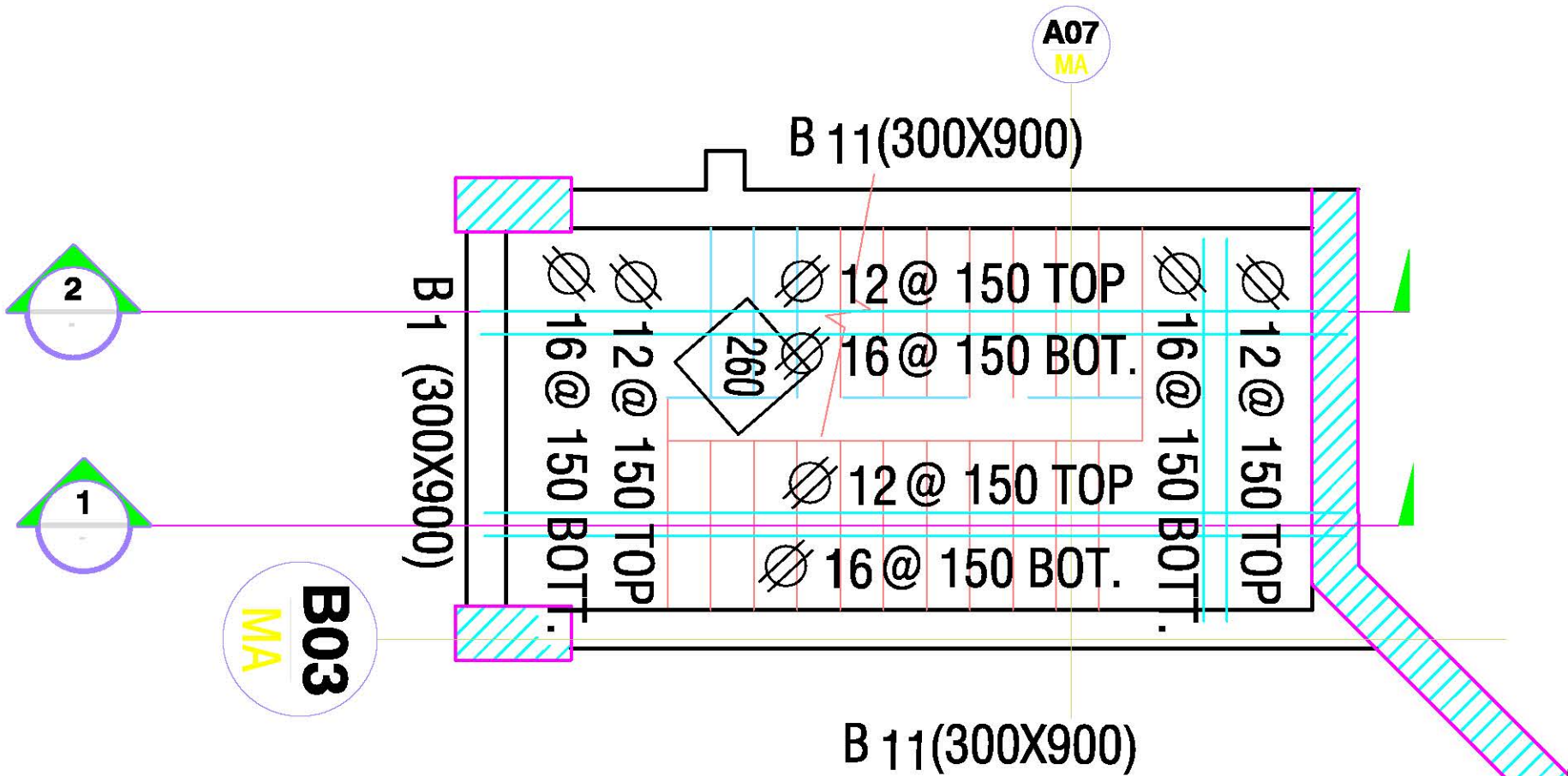
NO.	DATE	DESCRIPTION	APPR.
REVISIONS			
DATE	9 Jan 2013		
SCALE	1:40		
ESTABLISH	ENG. Ahmed Masoud		
CHECKED	ENG. AMIN MASHALY		
APPROVED	ENG. ASHRAF ZAEY		

DRAWING TITLE

DETAIL OF STAIR(1) IN BASEMENT OF ZONE 2
From Basement To Ground
Reinforcement

SHEET

SD-ST -ST-Rft-02-01(B)



NOTES:
1. Refer to drawing SD-01 for TOTAL FOUNDATIONS.



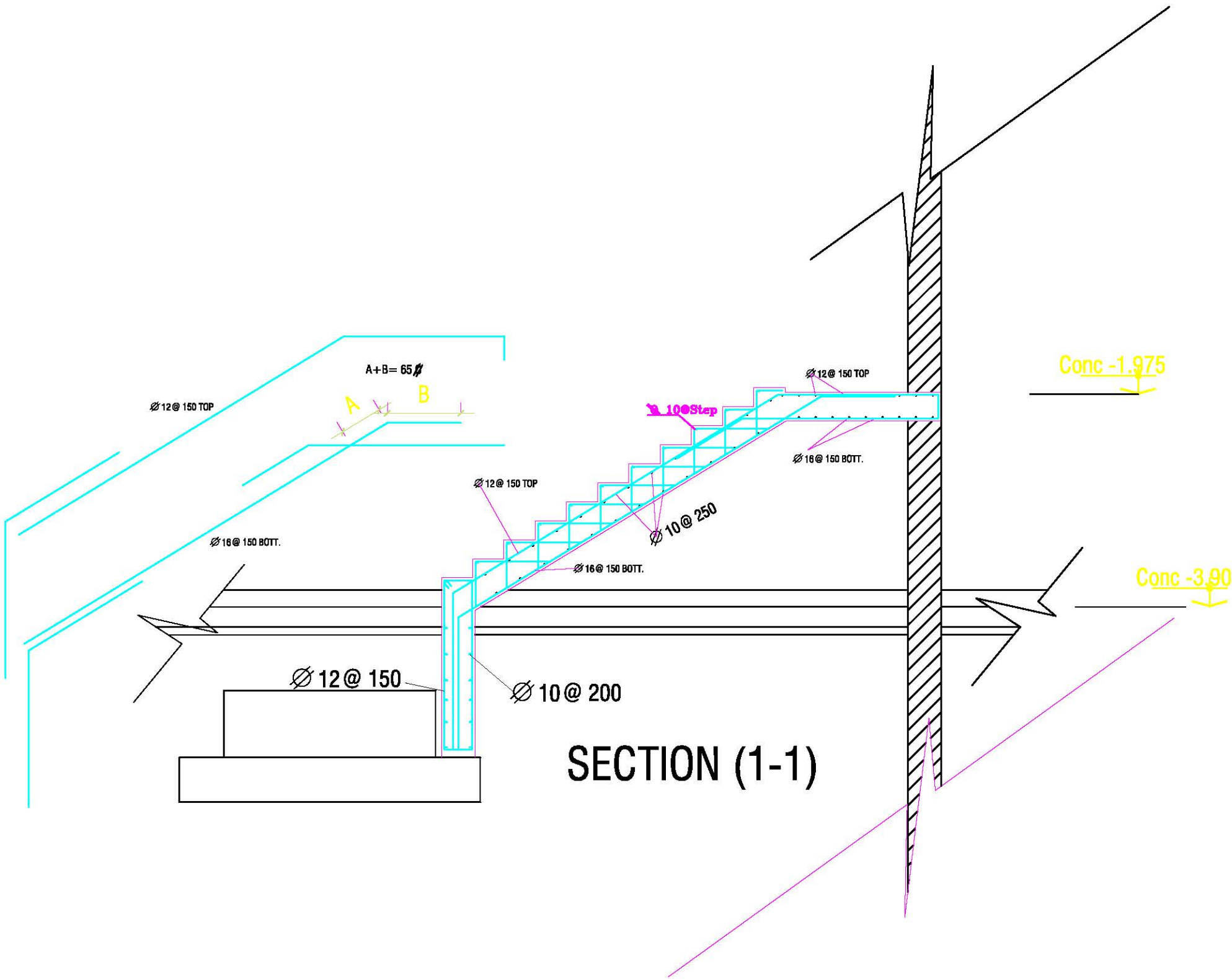
PROJECT NAME:
MARVEL CITY MALL



DATE	01/01/2023
SCALE	1/40
DESIGNED BY	0001: Hossam and Mohamed
CHECKED BY	0001: AHMED MABOUD
APPROVED BY	0001: AHMED MABOUD

DRAWING TITLE:
DETAIL OF STAIR(S) IN BASEMENT OF ZONE 1
From Basement To Ground
Reinforcement

SHEET:
SD-ST-ST-R11-02-02



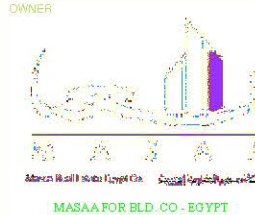
NOTES

1. Refer to drawing SD-01 for TOTAL FOUNDATIONS



PROJECT NAME

MARVEL CITY MALL



NO.	DATE	DESCRIPTION	BY
1	2020/02/02	ISSUED FOR CONSTRUCTION	SD-01

DATE	2020/02/02
SCALE	1/40
DESIGNED BY	SD-01
CHECKED BY	SD-01
APPROVED BY	SD-01

DRAWING TITLE

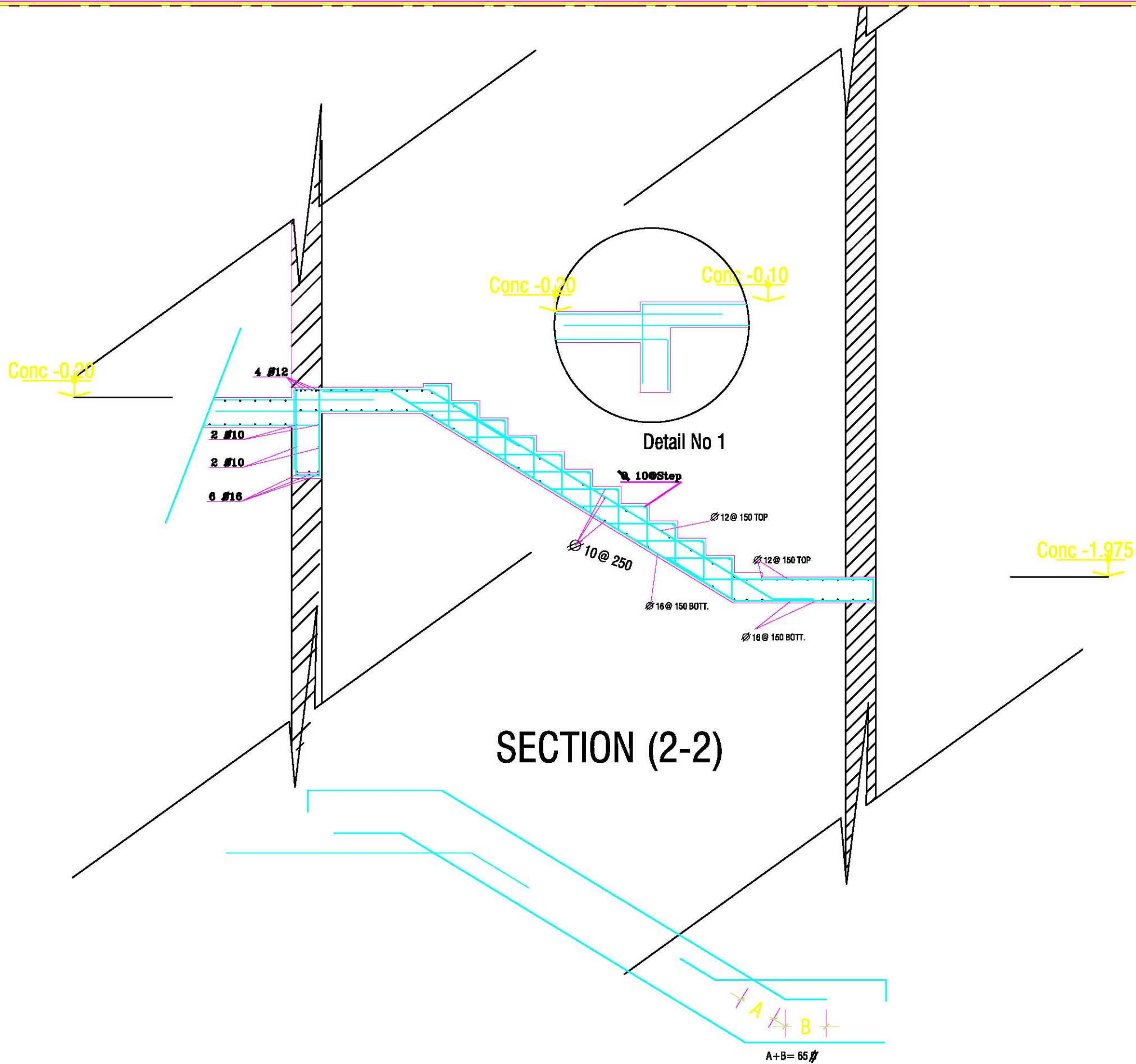
DETAIL OF STAIR(2) IN BASEMENT OF ZONE 1

From Basement To Ground

Reinforcement

SHEET

SD-ST-ST-R1-02-02 (B)



NOTES

1. Refer to drawing SD-01 for TOTAL FOUNDATIONS



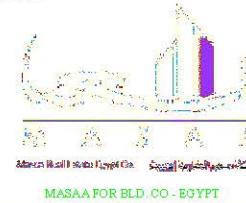
PROJECT NAME

MARVEL CITY
MALL

KEY PLAN



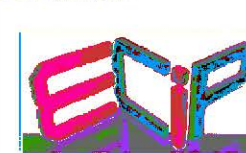
OWNER



PROJECT CONSULTANT



GENERAL CONTRACTOR



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	DATE	DESCRIPTION	BY
1	2020/02/02	ISSUED FOR CONSTRUCTION	SD-01

DATE	2020/02/02
SCALE	1/40
DESIGNED BY	SD-01
CHECKED BY	SD-01
APPROVED BY	SD-01

DRAWING TITLE

DETAIL OF STAIR(2) IN BASEMENT OF BOX E 1
From Basement To Ground
Reinforcement

SHEET


SD-ST-ST-R1-02-02 (C)

MARVEL CITY
MALL

PLAN :

The plan view shows the top of the cylinder head. It features four valves arranged in a diamond pattern: two intake valves on the left and two exhaust valves on the right. The intake valves are larger than the exhaust valves. The intake manifold is visible at the bottom, with two runners leading to the intake valves. The cylinder head is shown in cross-section, revealing the internal structure of the valves and the combustion chamber.

MASAA FOR BLD. CO - EGYPT

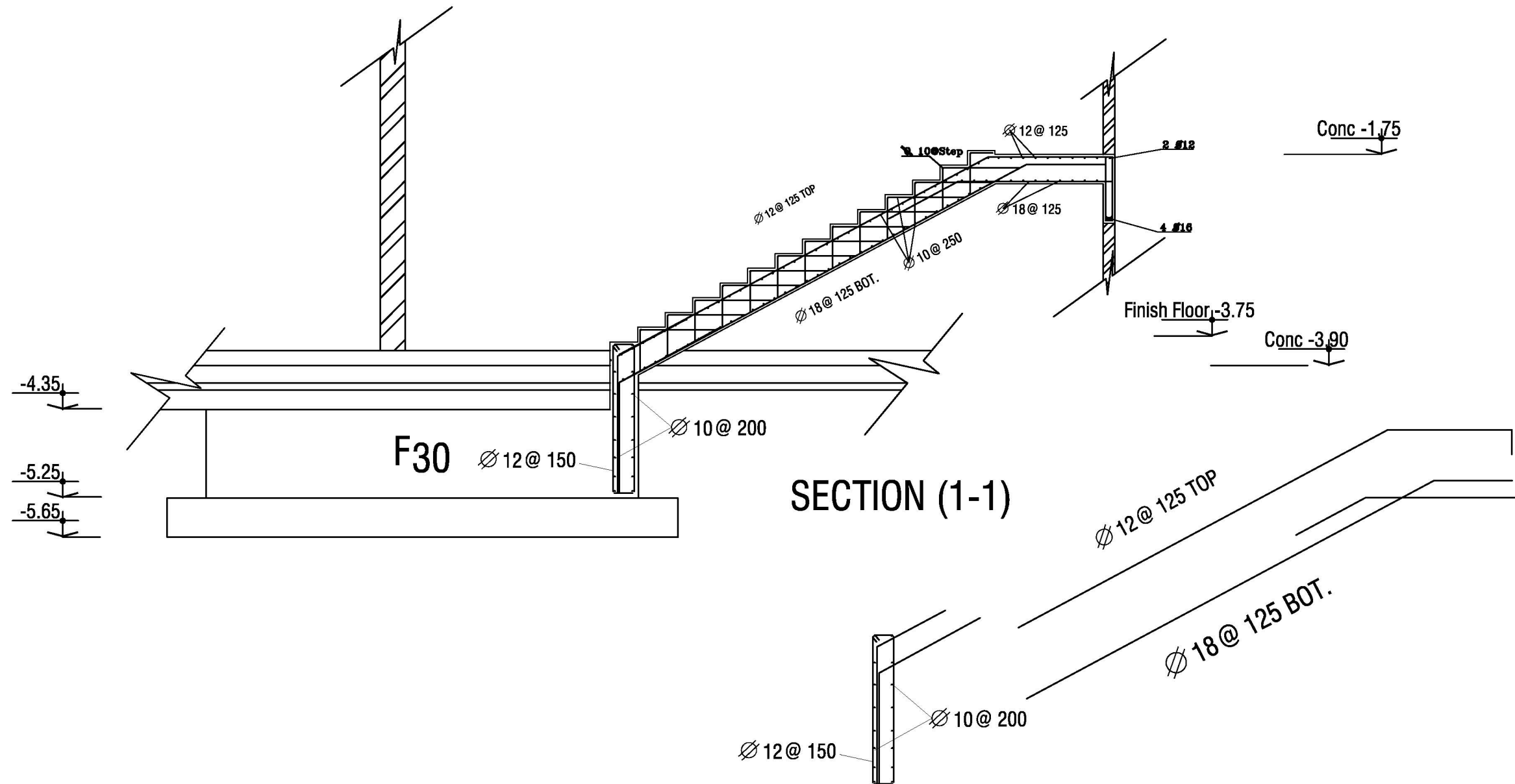


No.	Date	Description	Appr.
REVISIONS			
Date	23 Dec 2012		
Scale	1:50		
Establish	ENG Ahmed Atef Masroued		
Checked	ENG AMIN MASHALY		
Approved	ENG ASHRAF ZAKY		

DETAIL OF STAIR(3) IN BASEMENT OF ZONE 2

From Basement To Ground
Reinforcement

SD-ST-ST-Rft-02-03(A)



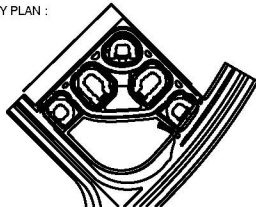
NOTES:
1- Refer to drawing S201 for TOTAL FOUNDATIONS.



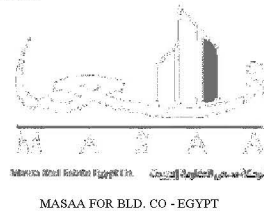
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN :



OWNER

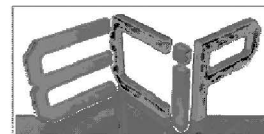


PROJECT CONSULTANT:



NAMA A FOR ENGINEERING CONSULT

GENERAL CONTRACTOR :



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

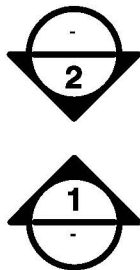
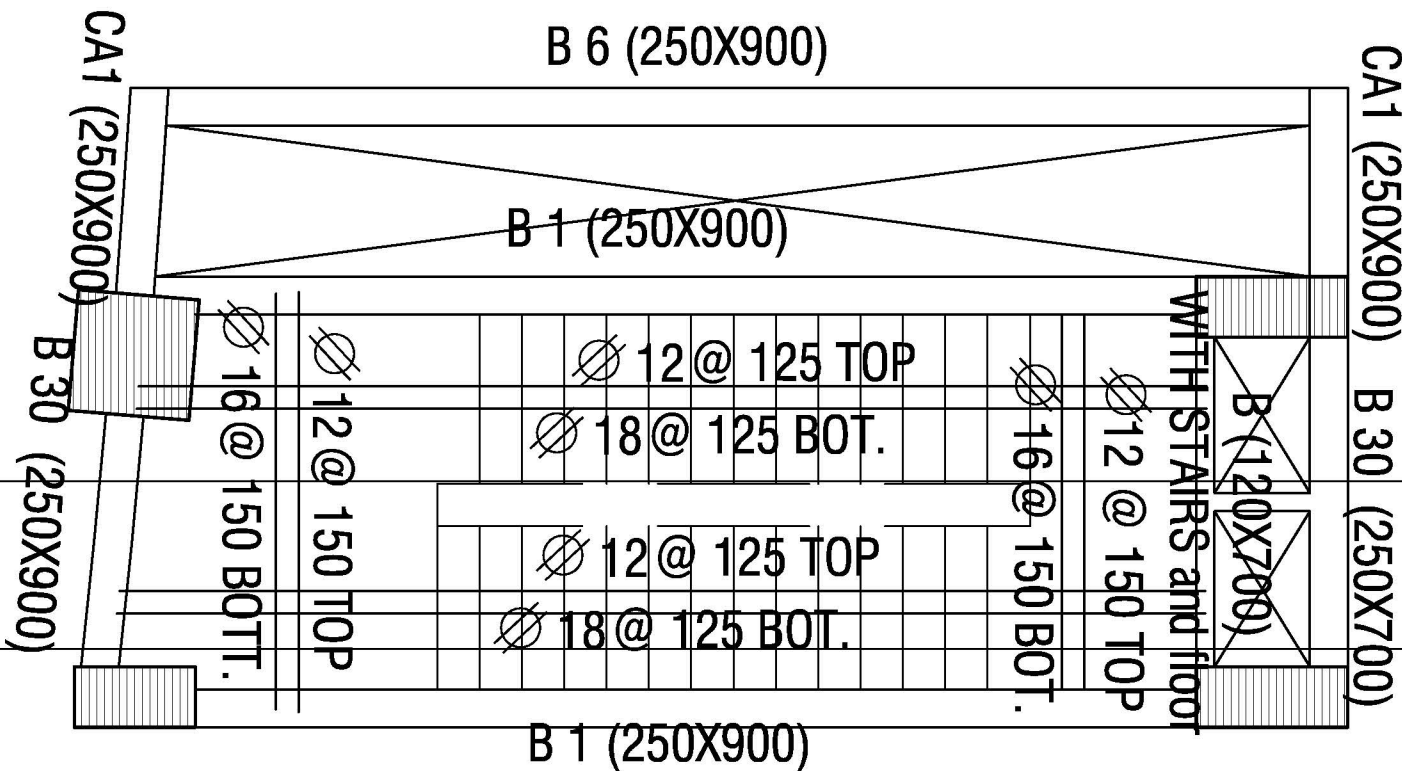
NO.	DATE	DESCRIPTION	APPR.
REVISIONS			
DATE	23 Dec 2012		
SCALE	1:50		
ESTABLISH	ENG. Ahmed Abdel Massoud		
CHECKED	ENG. AMIN MASHALY		
APPROVED	ENG. ASHRAF ZAKY		

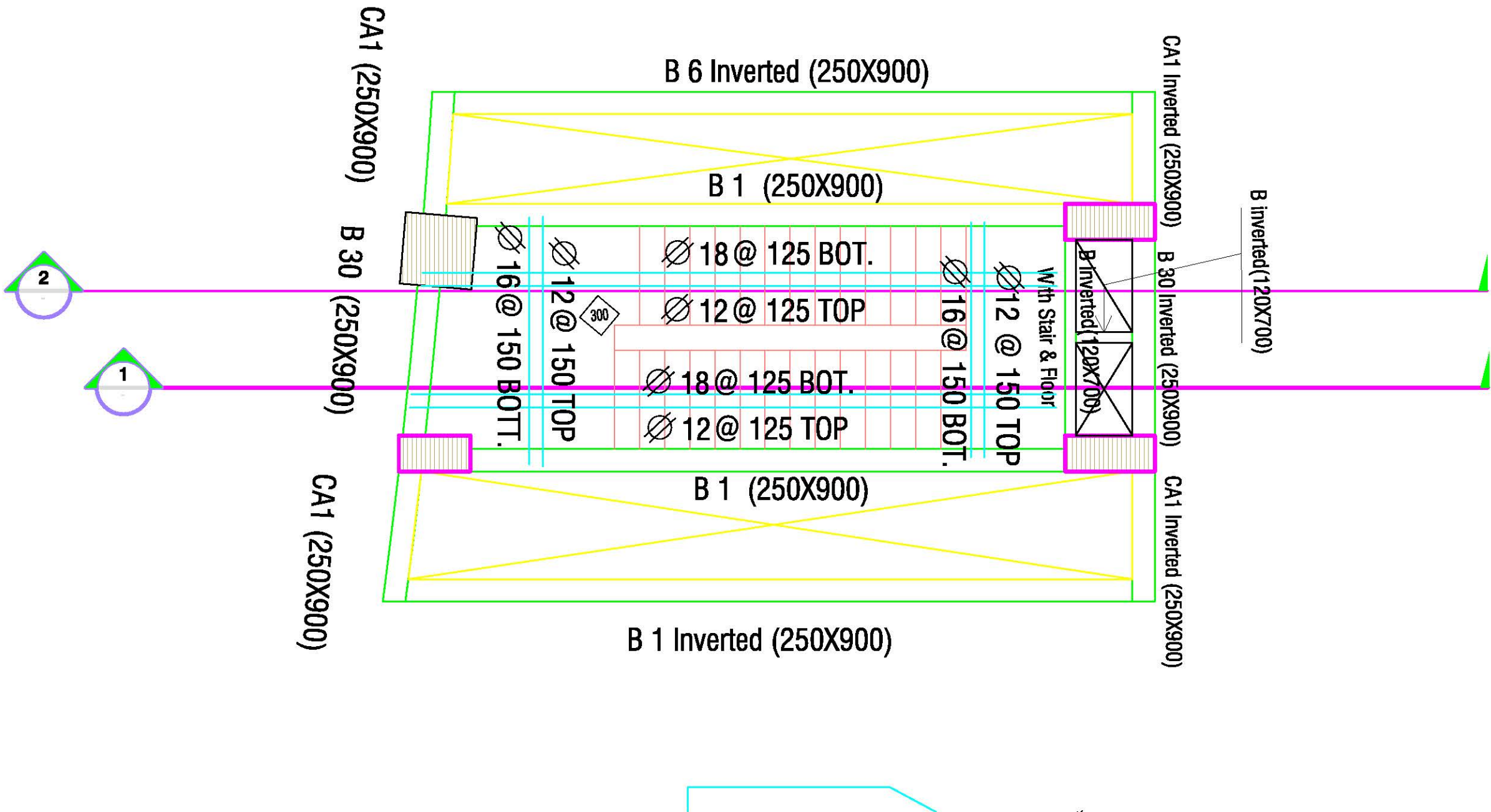
DRAWING TITLE

DETAIL OF STAIR(3) IN BASEMENT OF ZONE 2
From Basement To Ground
Reinforcement

SHEET

SD-ST -ST-Rft-02-03(C)





NOTES:

1- Refer drawing 1201 for TOTAL FINISHES/WORK.



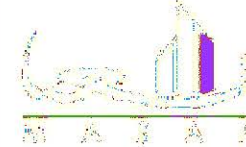
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN:



OWNER:



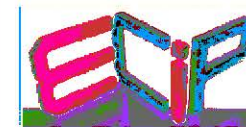
MASAA FOR BLD. CO - EGYPT

PROJECT CONSULTANT:



NAMA FOR ENGINEERING CONSULT

GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

DATE	21 Dec 2013
SCALE	1:50
ESTABLISH	SDP sheet and Manual
CHECKED	SDP sheet and Manual
APPROVED	SDP sheet and Manual

DRAWING TITLE

STAIR 4

DETAIL OF STAIR(S) IN BASEMENT OF ZONE 2

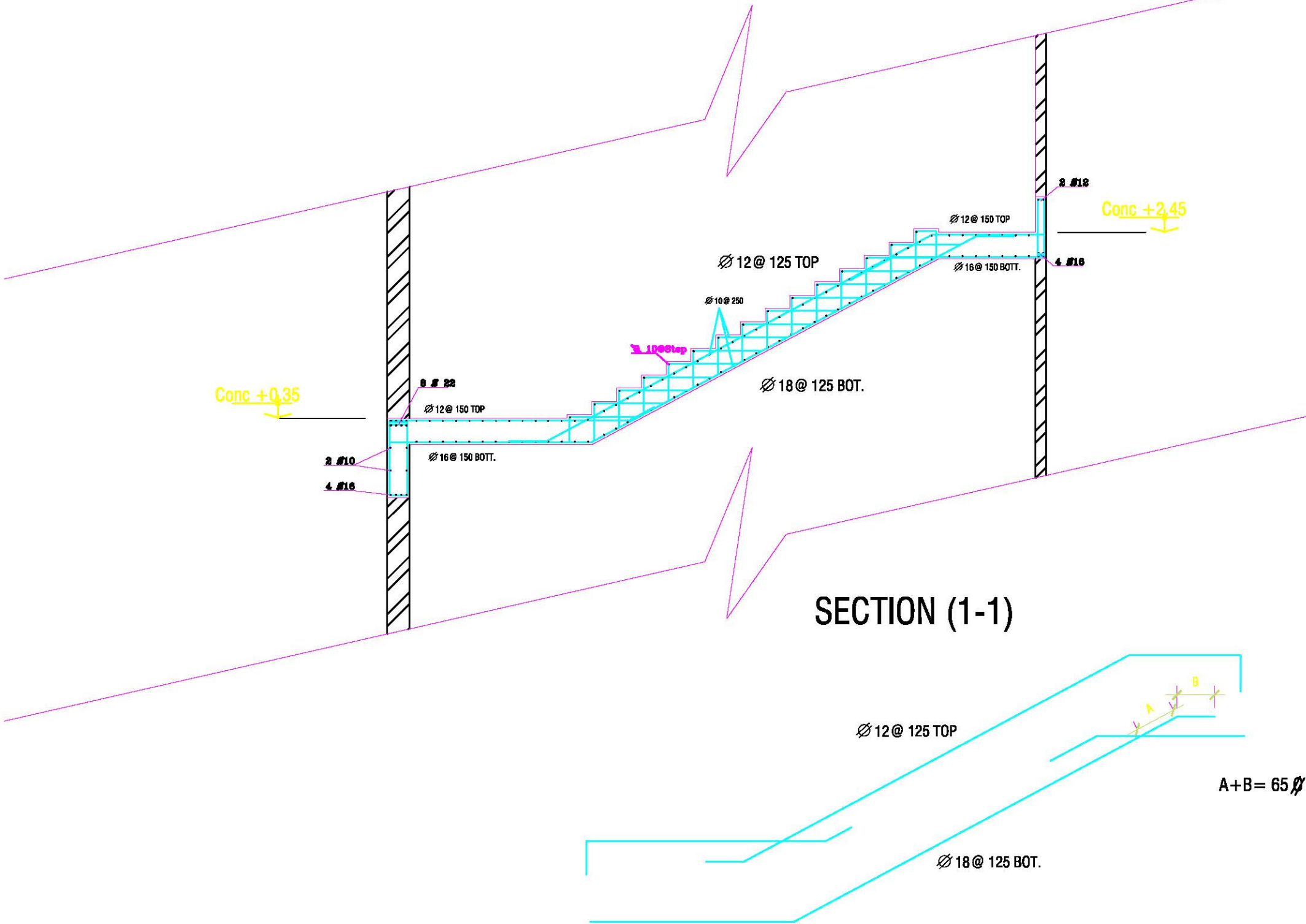
From Ground To First

Reinforcement

SHEET

STAIR 4

SD-ST-ST-RB-02-03(D)



SECTION (1-1)

NOTES

1. Refer to drawing SD-01 for TOTAL FINISHES.



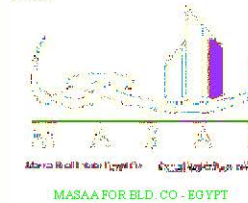
PROJECT NAME

MARVEL CITY
MALL

KEY PLAN



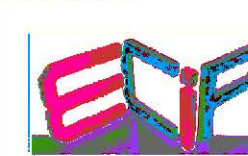
OWNER



PROJECT CONSULTANT



GENERAL CONTRACTOR



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE

REVISIONS

DATE	21 Dec 2013
SCALE	1/20
EXTENDED	SD-01 and SD-02
CHECKED	SD-01 and SD-02
APPROVED	SD-01 and SD-02

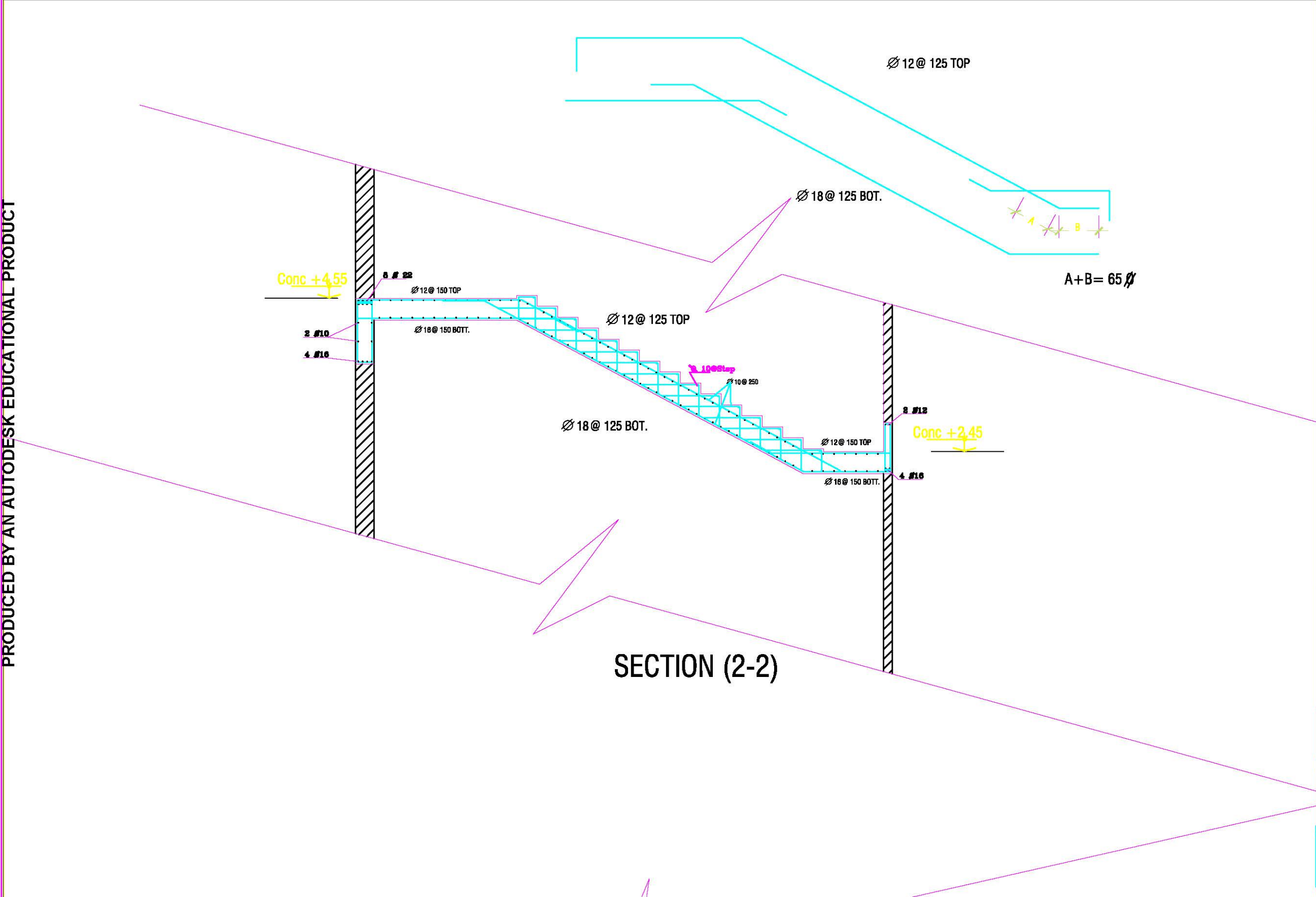
DRAWING TITLE

STAIR 4
DETAIL OF STAIR(S) IN BASEMENT OF ZONE 2
From Ground To First
Reinforcement

SHEET

STAIR 4
SD-ST-ST-R0-02-03(E)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



NOTES:

1- Refer to drawing SD-01 for TOTAL FINISHES.



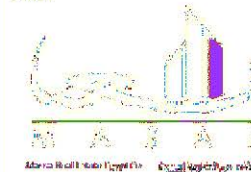
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN:



OWNER:



PROJECT CONSULTANT:



NAMA FOR ENGINEERING CONSULT

GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

DATE	21 Dec 2013
SCALE	1/20
ESTABLISH	SD-01 and 02 Manual
CHECKED	SD-01 and 02 Manual
APPROVED	SD-01 and 02 Manual

DRAWING TITLE:

STAIR 4

DETAIL OF STAIR(S) IN BASEMENT OF SCHE 2

From Ground To First

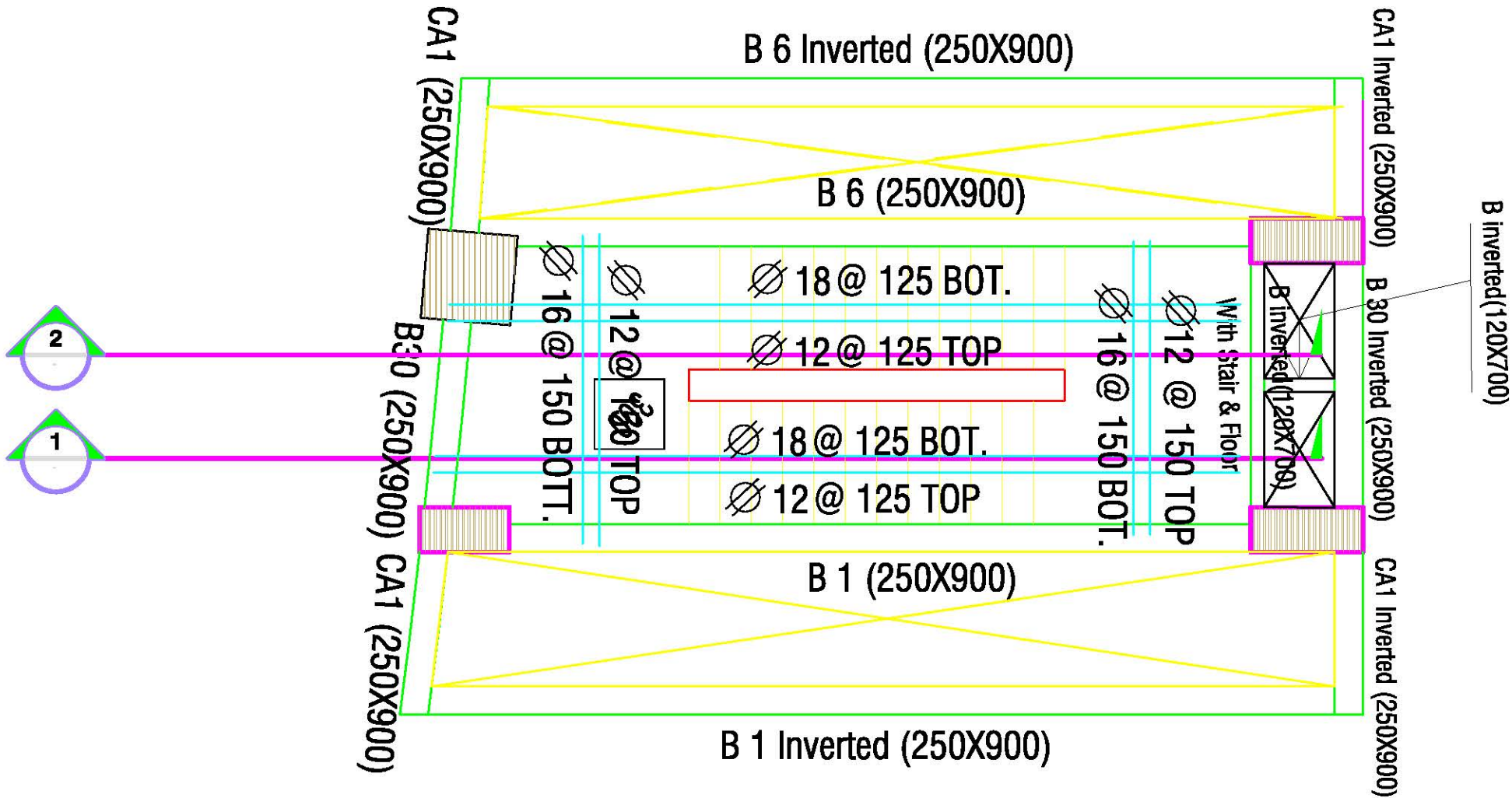
Reinforcement

SHEET

STAIR 4

SD-ST-ST-R0-02-03(F)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



NOTES:

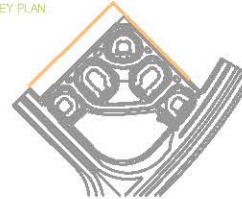
1- Refer drawing SD-ST-RB-02-03(G)



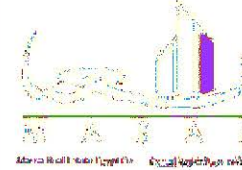
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN:



OWNER:



PROJECT CONSULTANT:



GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

DATE: 11/11/2023

SCALE: 1/20

EXTENSION: SD-ST-RB-02-03(G)

CHANGED: SD-ST-RB-02-03(G)

APPROVED: SD-ST-RB-02-03(G)

DRAWING TITLE:

STAIR 4

DETAIL OF STAIR(S) IN BASEMENT OF ZONE 2

Plan - First To Second

Reinforcement

SHEET

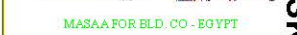
STAIR 4

SD-ST-RB-02-03(G)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



KEY PLAN



PROJECT CONSULTANT:



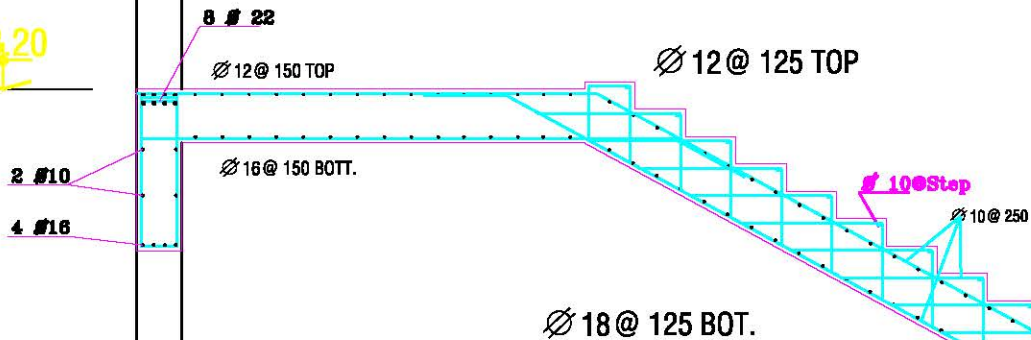
GENERAL CONTRACTOR



DATE	31 Dec 2012
SCALE	100
ESTABLISH	810 #001 ABC MOUNTAIN
CHECKED	810 ARN MARIALLY
APPROVED	810 ARN MARIALLY

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Conc +8.20



Conc +6.375

Ø12@125 TOP

Ø18@125 BOT.

A+B= 65 Ø

NOTES:

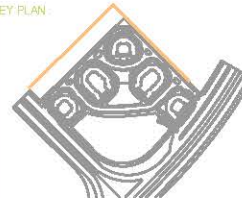
1- Refer drawing 8D-ST-RF-02-03(L) for TOTAL REINFORCEMENT.



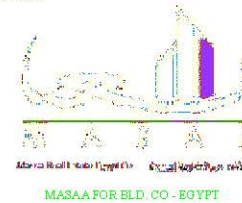
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN:



OWNER:



PROJECT CONSULTANT:



NAMA A FOR ENGINEERING CONSULT

GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE

DATE	21 Dec 2013
SCALE	1:50
ESTABLISH	SDR - 100% and Manual
CHECKED	SDR - 100% and Manual
APPROVED	SDR - 100% and Manual

DRAWING TITLE:

STAIR 4

DETAIL OF STAIR(S) IN BASEMENT OF SCHE 2

From: First To Second

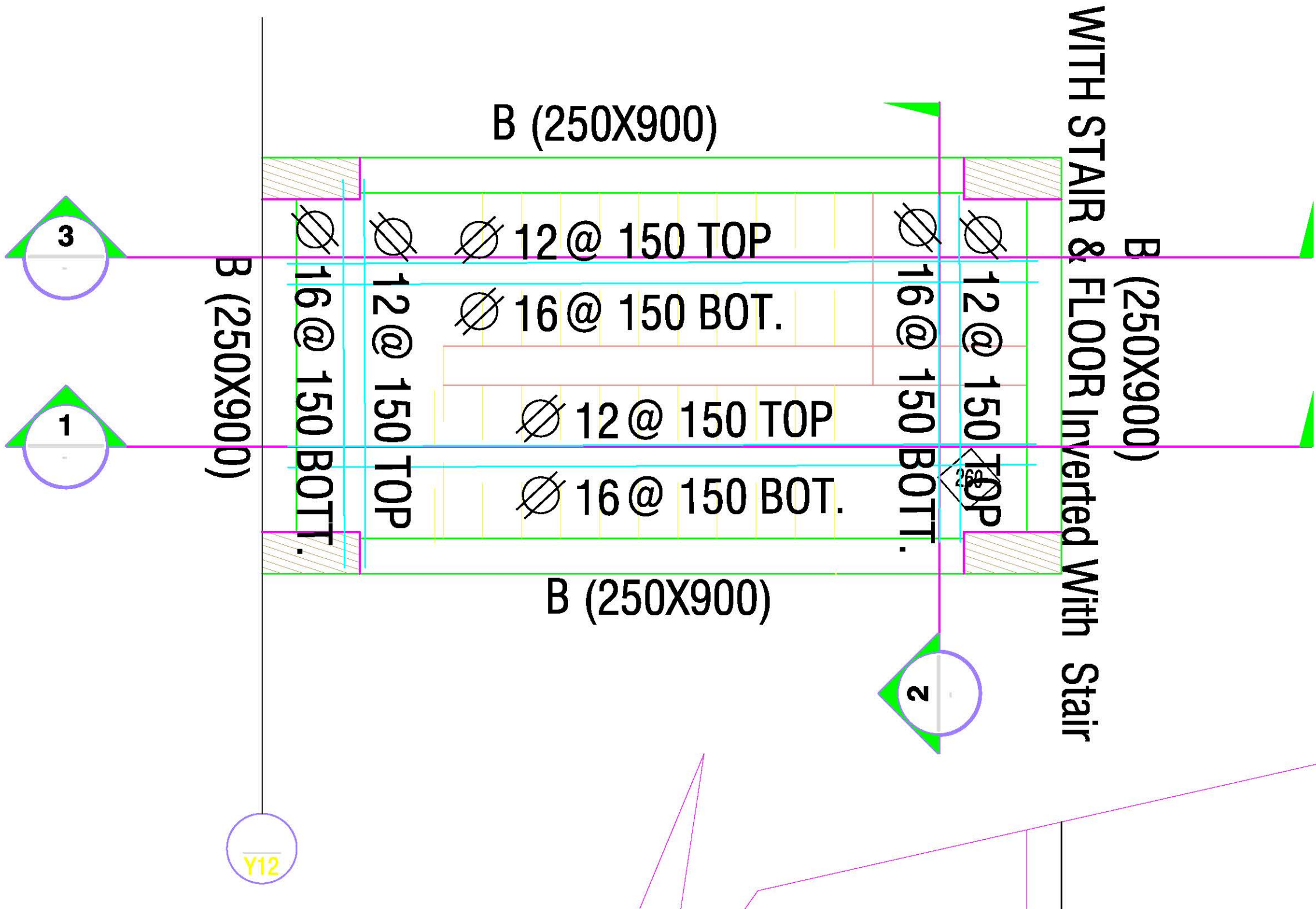
Reinforcement

SHEET

STAIR 4

SD-ST-ST-RF-02-03(L)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



NOTES:

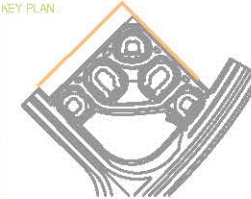
1. Refer drawing 8D-ST-ST-RB-04-01 for TOTAL REINFORCEMENT.



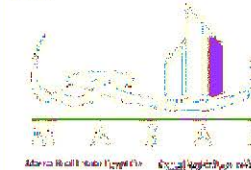
PROJECT NAME:

MARVEL CITY
MALL

KEY PLAN:



OWNER:



PROJECT CONSULTANT:



GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE

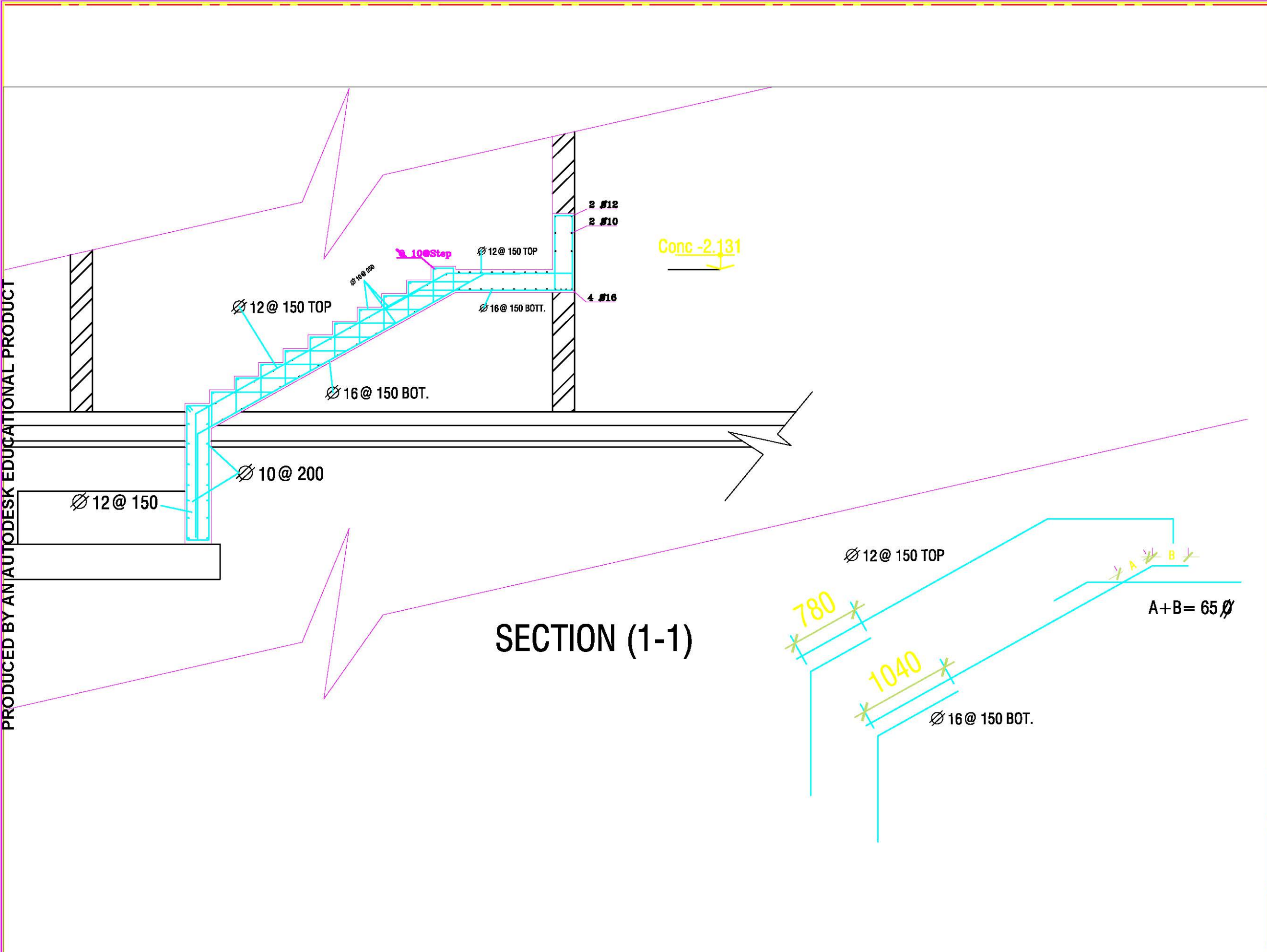
DATE	21 Dec 2013
SCALE	1:50
ESTABLISHED	SDR - SHEET AND MATERIAL
CHECKED	SDR - SHEET MATERIALITY
APPROVED	SDR - SHEET CASEY

DRAWING TITLE:

DETAIL OF STAIR(1) IN BASEMENT OF ZONE 4
From Basement To Ground
Reinforcement

SHEET

SD-ST-ST-RB-04-01



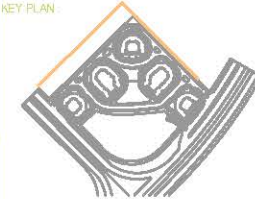
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1- Refer to drawing SD-ST-RB-04-01 for TOTAL FINISHES.



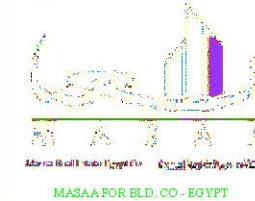
PROJECT NAME:

**MARVEL CITY
MALL**

KEY PLAN:



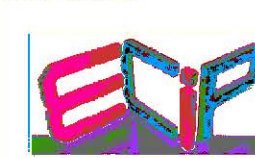
OWNER:



PROJECT CONSULTANT:



GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE

DATE	21 Dec 2013
SCALE	1/20
ESTABLISH	SDR - SHEET AND MATERIAL
CHECKED	SDR - SHEET MATERIALITY
APPROVED	SDR - SHEET CASEY

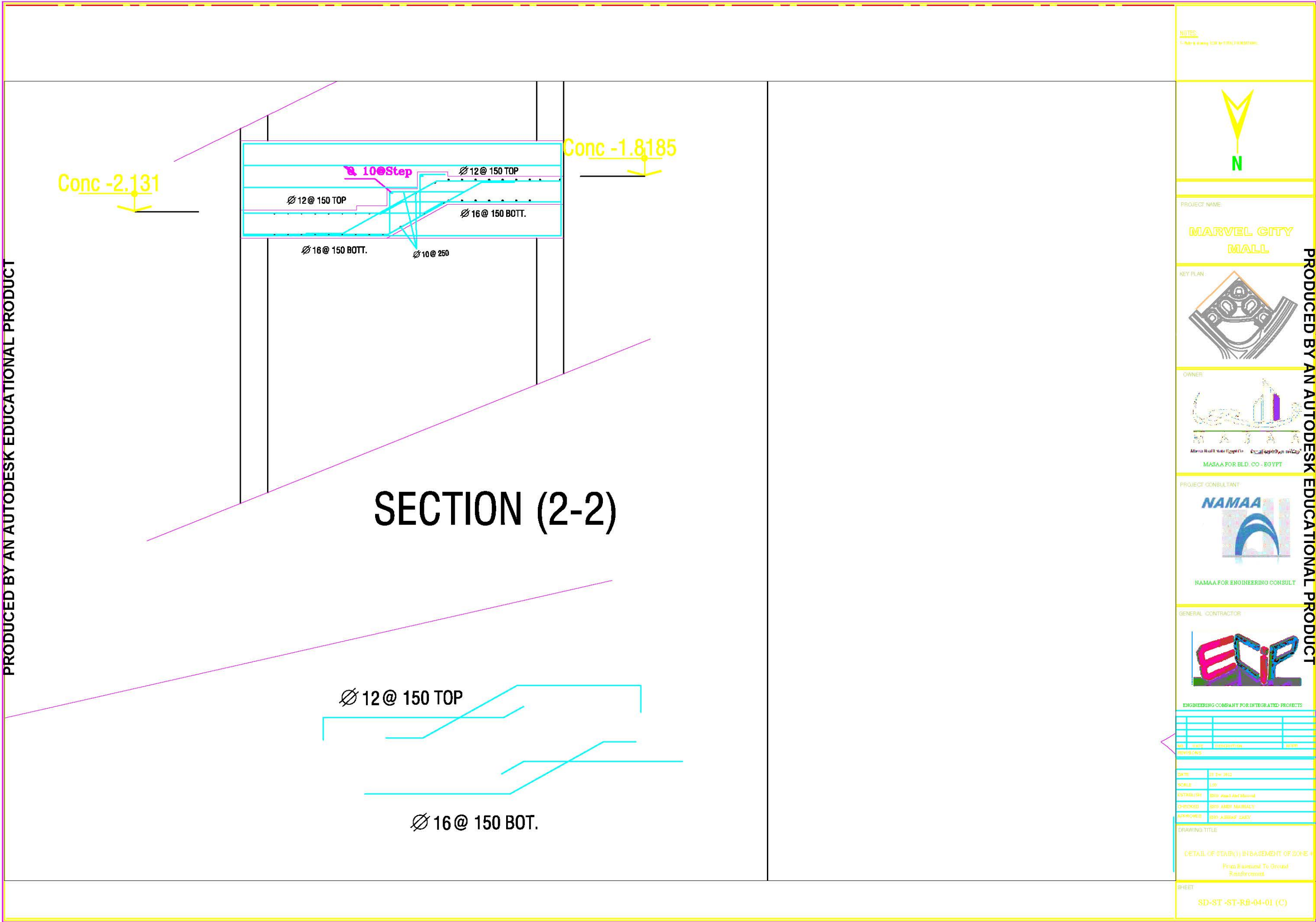
DRAWING TITLE:

DETAIL OF STAIR(1) IN BASEMENT OF SCHE 4
From Basement To Ground
Reinforcement

SHEET:

SD-ST-ST-RB-04-01

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



NOTES:

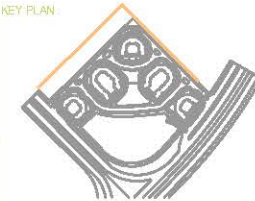
1- Refer to drawing SD-ST-RB-04-01 (C) for details.



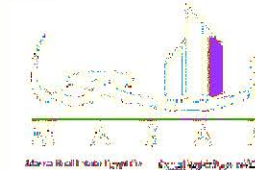
PROJECT NAME:

**MARVEL CITY
MALL**

KEY PLAN:



OWNER:



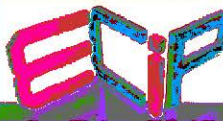
MASAA FOR BLD. CO - EGYPT

PROJECT CONSULTANT:



NAMA FOR ENGINEERING CONSULT

GENERAL CONTRACTOR:



ENGINEERING COMPANY FOR INTEGRATED PROJECTS

NO.	REVISION	DESCRIPTION	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

DATE	21 Dec 2013
SCALE	1/20
ESTABLISHED	SD-ST-RB-04-01 (C)
CHECKED	SD-ST-RB-04-01 (C)
APPROVED	SD-ST-RB-04-01 (C)

DRAWING TITLE:

DETAIL OF STAIR(1) IN BASEMENT OF ZONE 4
From Basement To Ground
Reinforcement

SHEET:

SD-ST-ST-RB-04-01 (C)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

