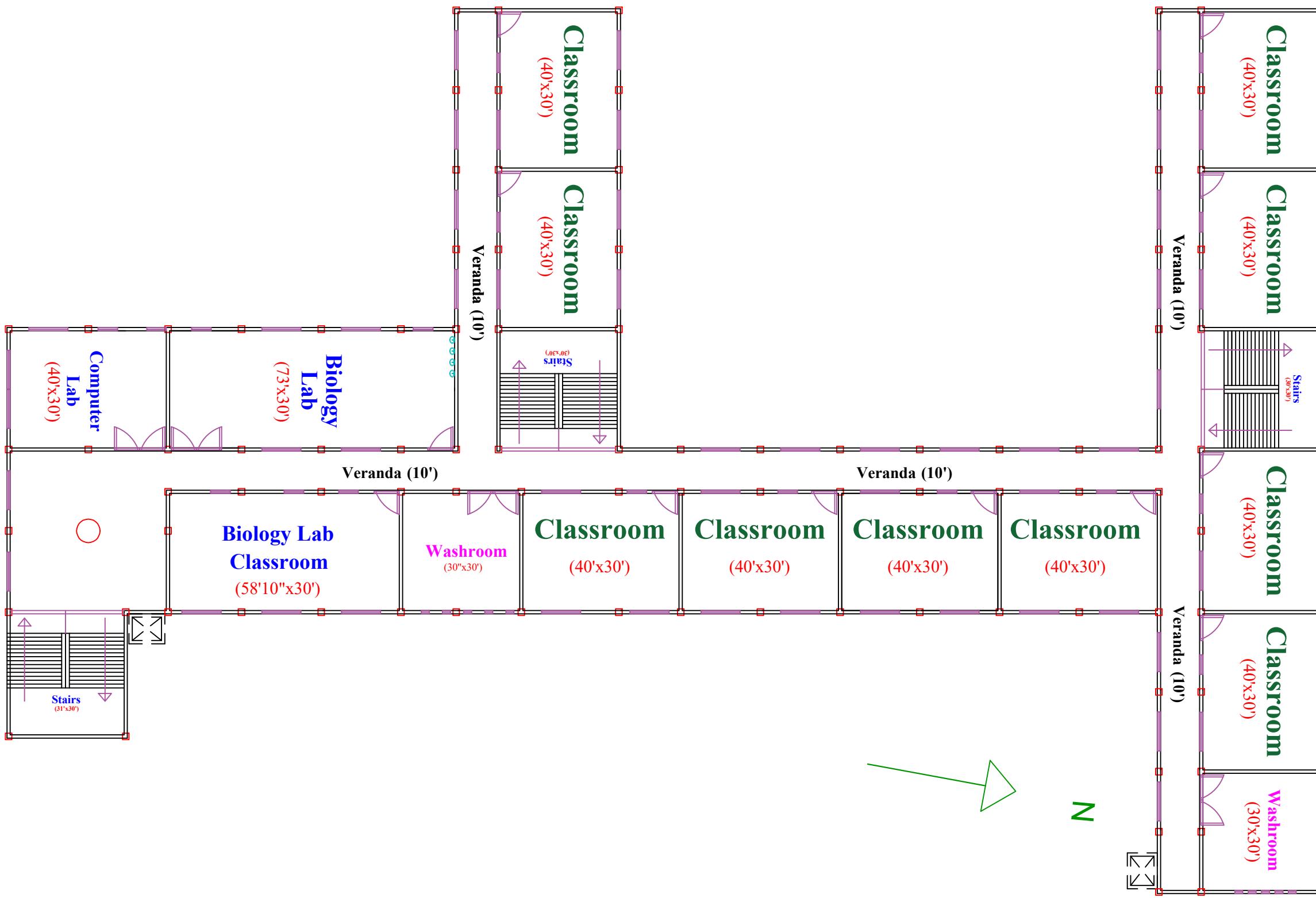


Mohammadpur Govt Boys High School

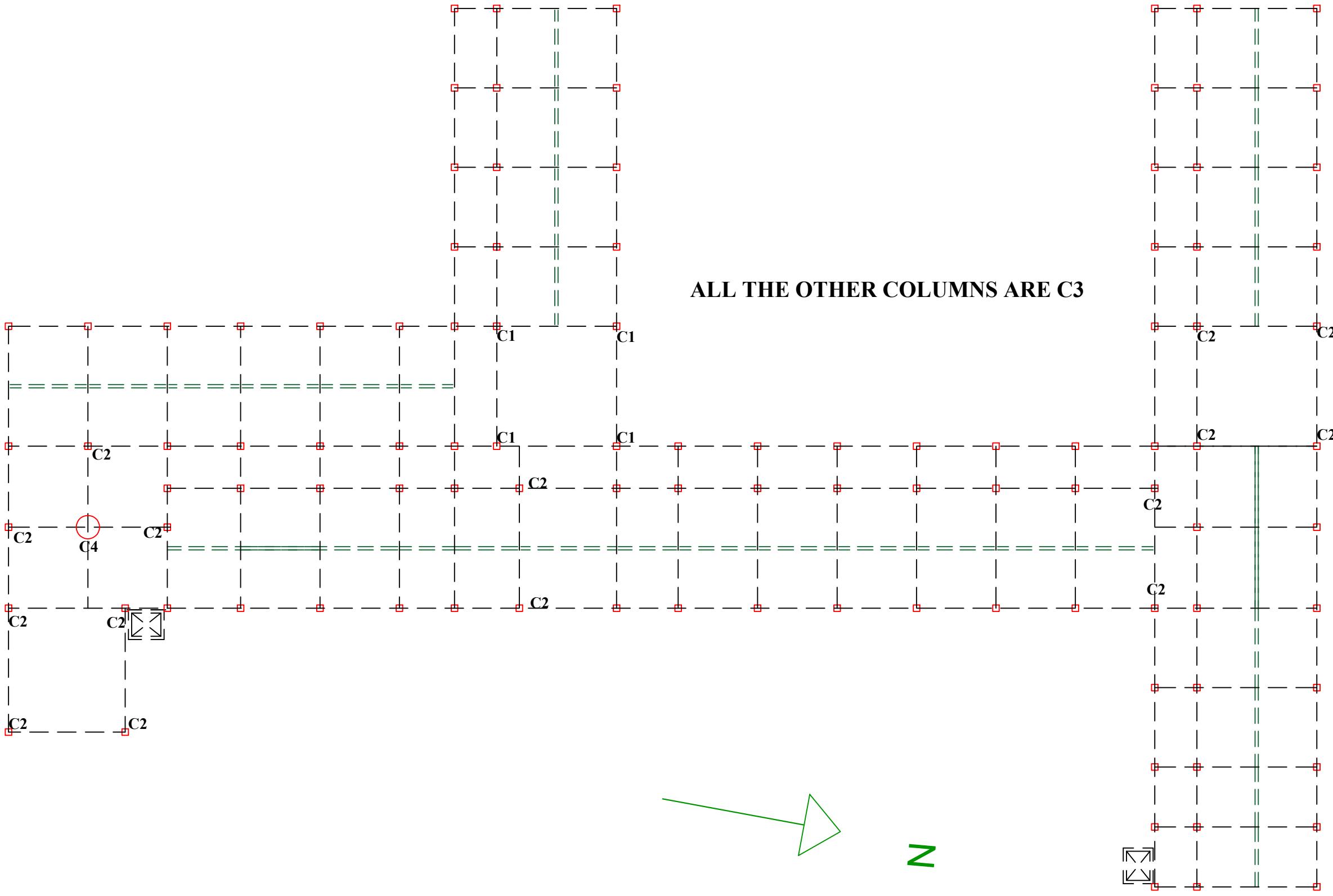
Academic Building Structural Details

Academic Building Plan View



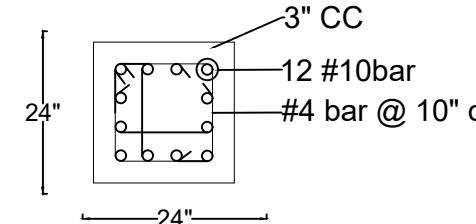
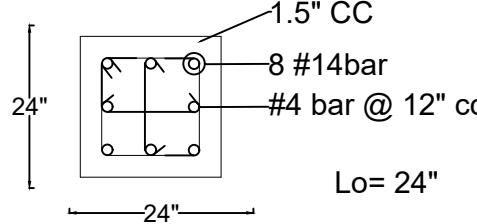
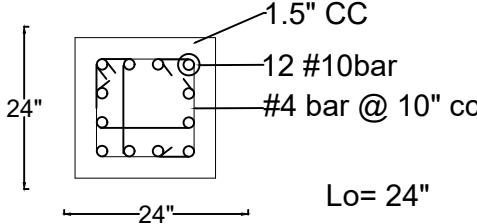
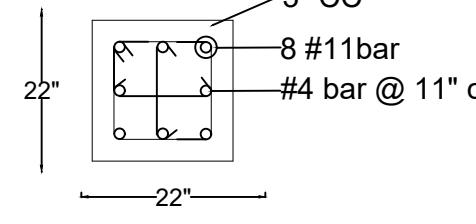
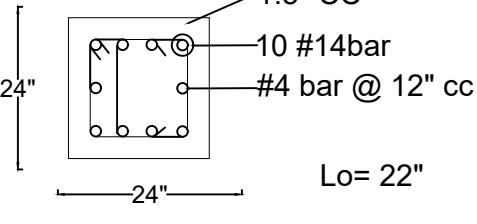
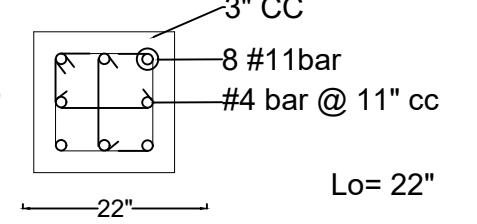
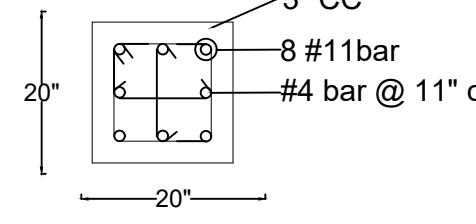
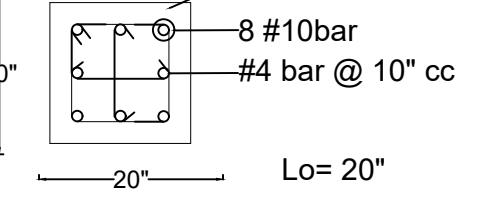
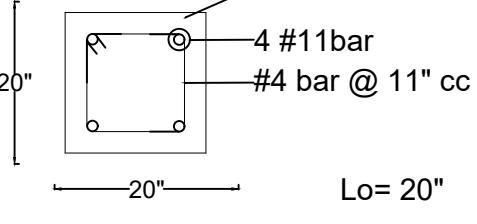
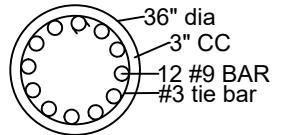
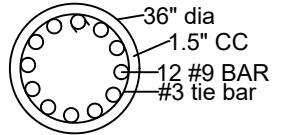
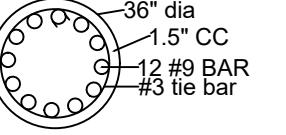
SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
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1804177 - Muhammed Yeasin Arafat	
1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
CHECKED BY	
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DRAWING TITLE	
Academic Building Plan View	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-01	

Academic Building Column Layout



SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. Boys HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
CHECKED BY	
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DRAWING TITLE	
Column Layout	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-02	

SCHEDULE OF COLUMN

COL.	Below GF.	GF To 2nd Floor	3rd Floor To 4th Floor
C1 24" X 24"	 <p>3" CC 12 #10bar #4 bar @ 10" cc</p>	 <p>1.5" CC 8 #14bar #4 bar @ 12" cc Lo = 24"</p>	 <p>1.5" CC 12 #10bar #4 bar @ 10" cc Lo = 24"</p>
C2 22" X 22"	 <p>3" CC 8 #11bar #4 bar @ 11" cc</p>	 <p>1.5" CC 10 #14bar #4 bar @ 12" cc Lo = 22"</p>	 <p>3" CC 8 #11bar #4 bar @ 11" cc Lo = 22"</p>
C3 20" X 20"	 <p>3" CC 8 #11bar #4 bar @ 11" cc</p>	 <p>1.5" CC 8 #10bar #4 bar @ 10" cc Lo = 20"</p>	 <p>1.5" CC 4 #11bar #4 bar @ 11" cc Lo = 20"</p>
C4 circular column 36" dia	 <p>36" dia 3" CC 12 #9 BAR #3 tie bar</p>	 <p>36" dia 1.5" CC 12 #9 BAR #3 tie bar</p>	 <p>36" dia 1.5" CC 12 #9 BAR #3 tie bar</p>

Column

Concrete Mix -1:2:4 ($f'_c=28$ days cylinder strength= 4000 psi)
(to be determined by trial mix design)
Slump= 1"-2"
Clear Cover= 3" & 1.5"

Steel

$f_y= 60000$ psi deformed bar. Lap length as per BNBC code

SUMMITTED BY:

Capstone Group C2/3
1804173 - SM Nahian Al Wasi (GL)
1804180 - Samiha Tasneem (DGL)
1804165 - Shoeb Ahmad Tanim
1804176 - Abu Naser Khan
1804177 - Muhammed Yeasin Arafat
1804179 - Shamim Azad Bakul

PROJECT

Proposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL

CLIENT

PWD (PUBLIC WORKS
DEPARTMENT)

ENGINEER

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET

CHECKED BY

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DRAWING TITLE

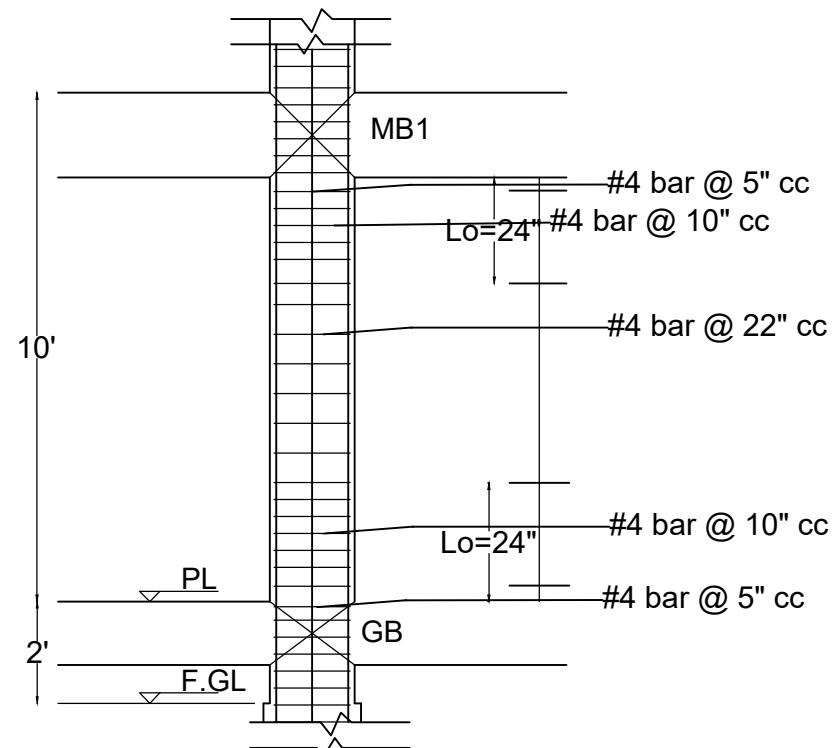
Column Details

DATE JANUARY -2024

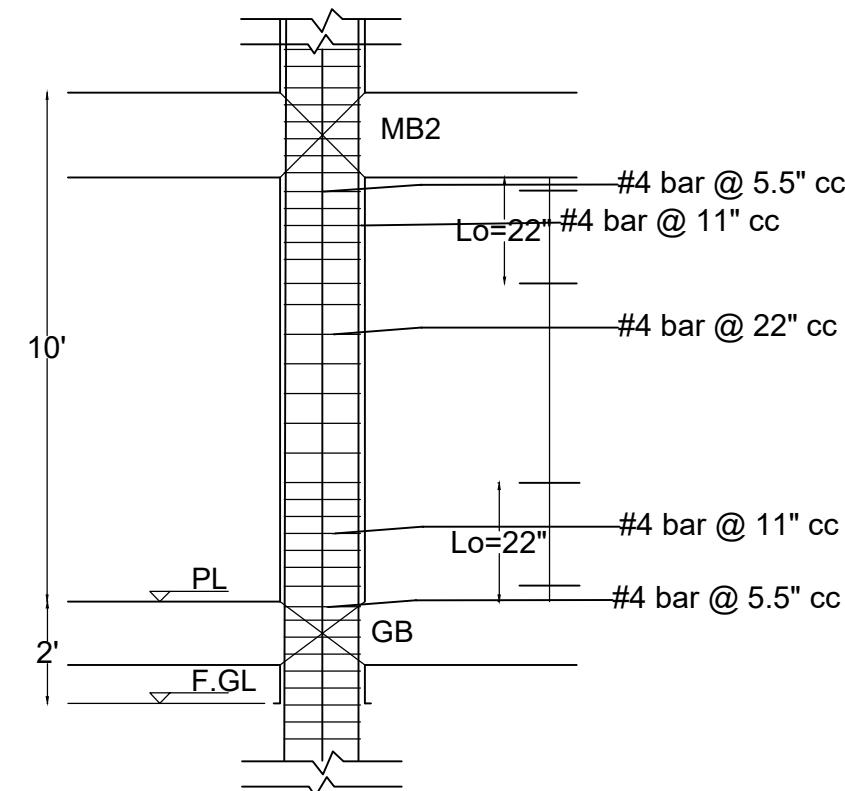
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SHEET NO.

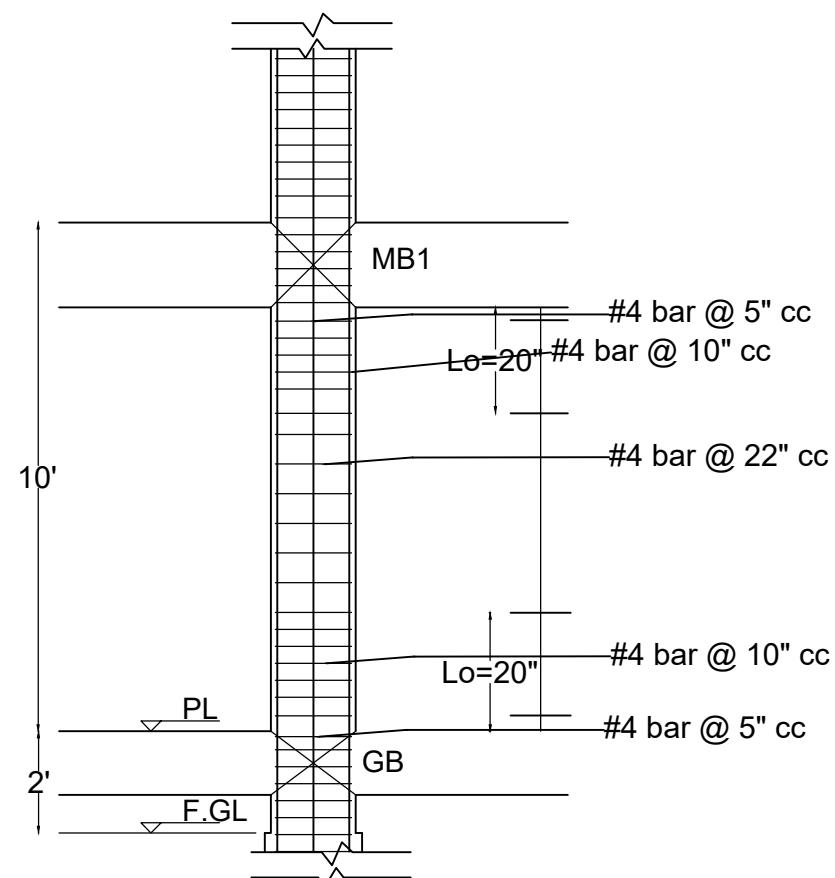
B-03



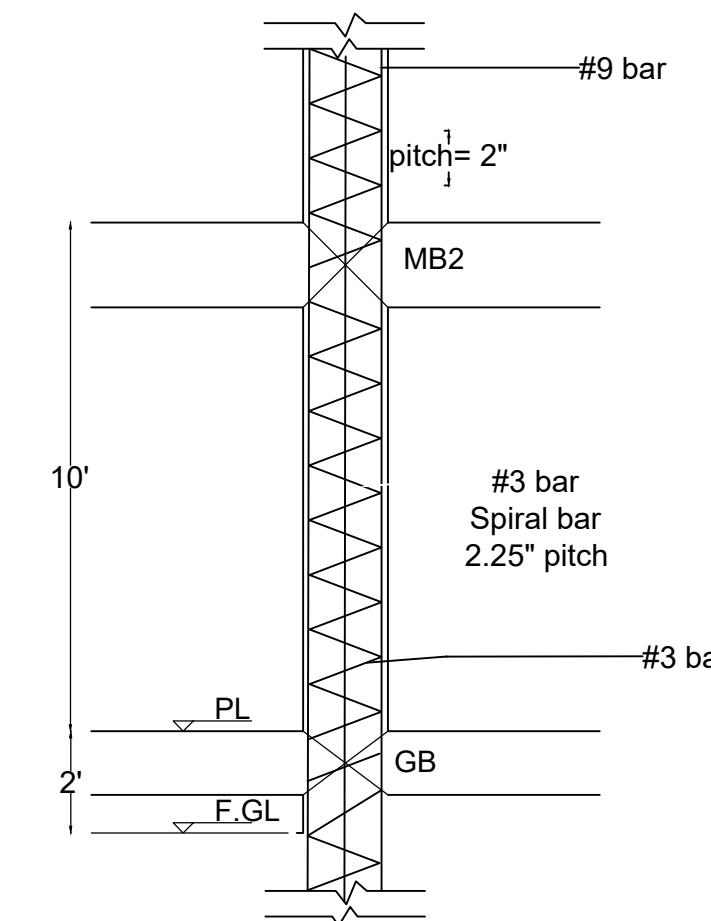
LONG SECTION OF COLUMN, C1



LONG SECTION OF COLUMN, C2



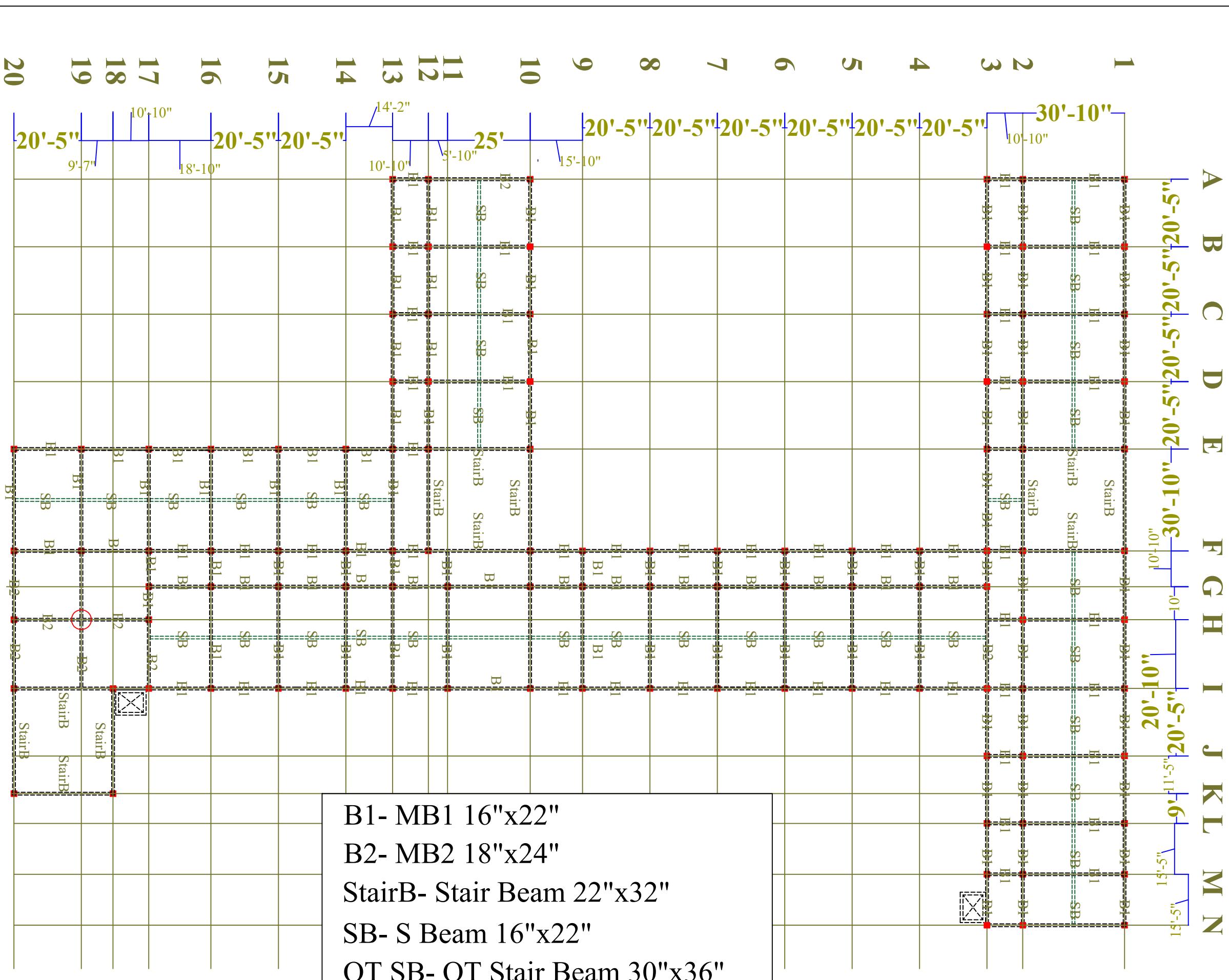
LONG SECTION OF COLUMN, C3



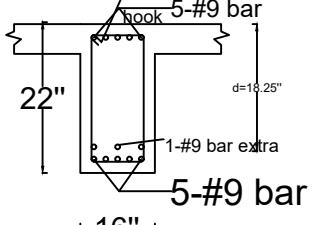
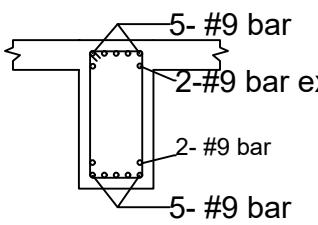
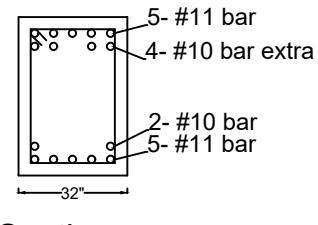
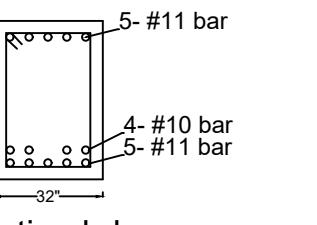
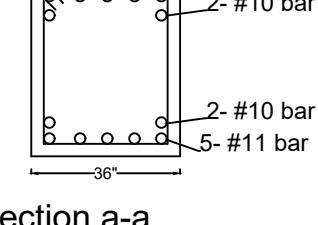
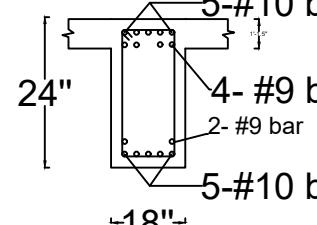
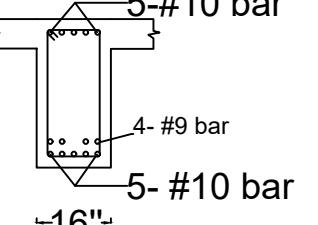
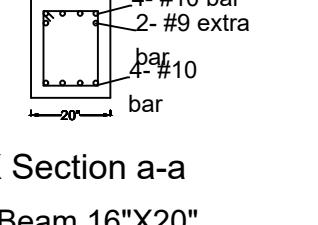
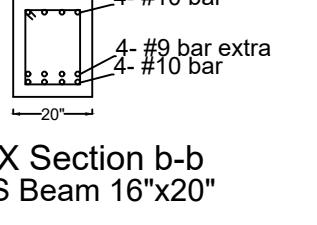
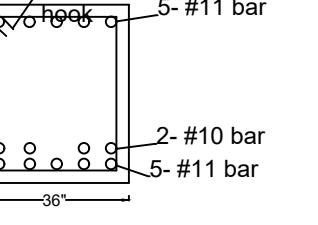
LONG SECTION OF COLUMN, C4

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
1804177 - Muhammed Yeasin Arafat	
1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Column Details	
DATE	
JANUARY -2024	
SCALE	
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SHEET NO.	
B-04	

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
1804177 - Muhammed Yeasin Arafat	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Beam Layout	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-05	



Beam Schedule

SMRF Design of beam

1. $bw/d > 0.3$
2. $bw > 250$
mm

Beam

Concrete Mix -1:2:4 ($f'_c=28$ days cylinder strength= 4000 psi)
(to be determined by trial mix design)

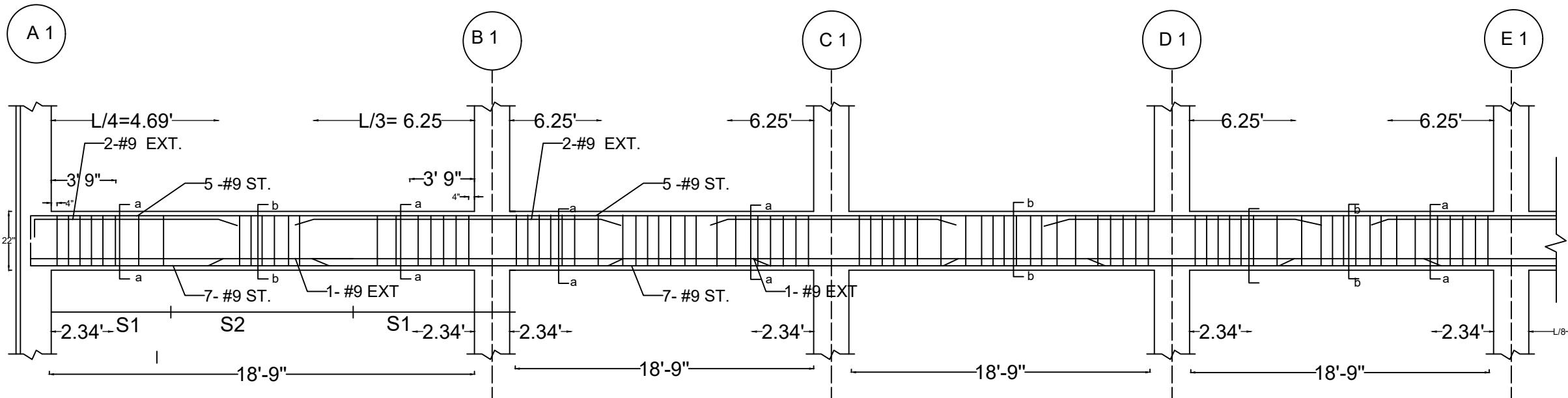
Slump= 1"-2"
Clear Cover=1.5"

Steel

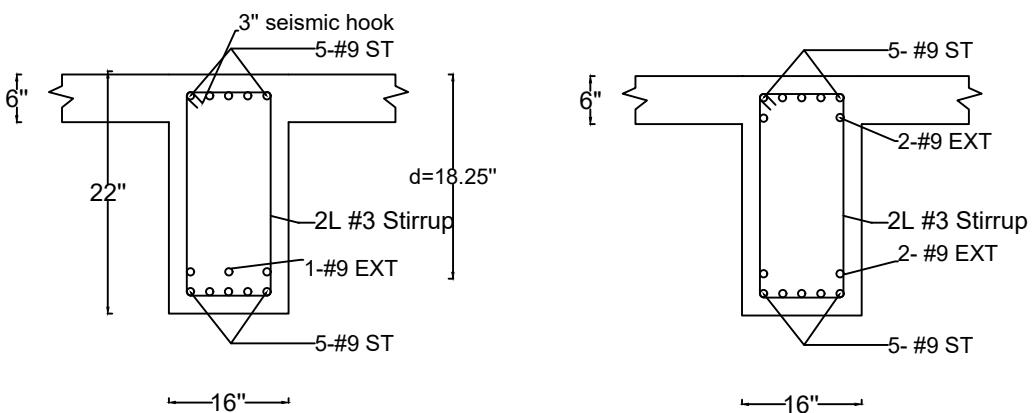
$f_y= 60000$ psi deformed bar. Lap length as per BNBC code

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Beam Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-06	

Typical Floor Roof Beam Reinforcement Details



LONG SECTION OF FLOOR BEAM- MB1 16"X22"



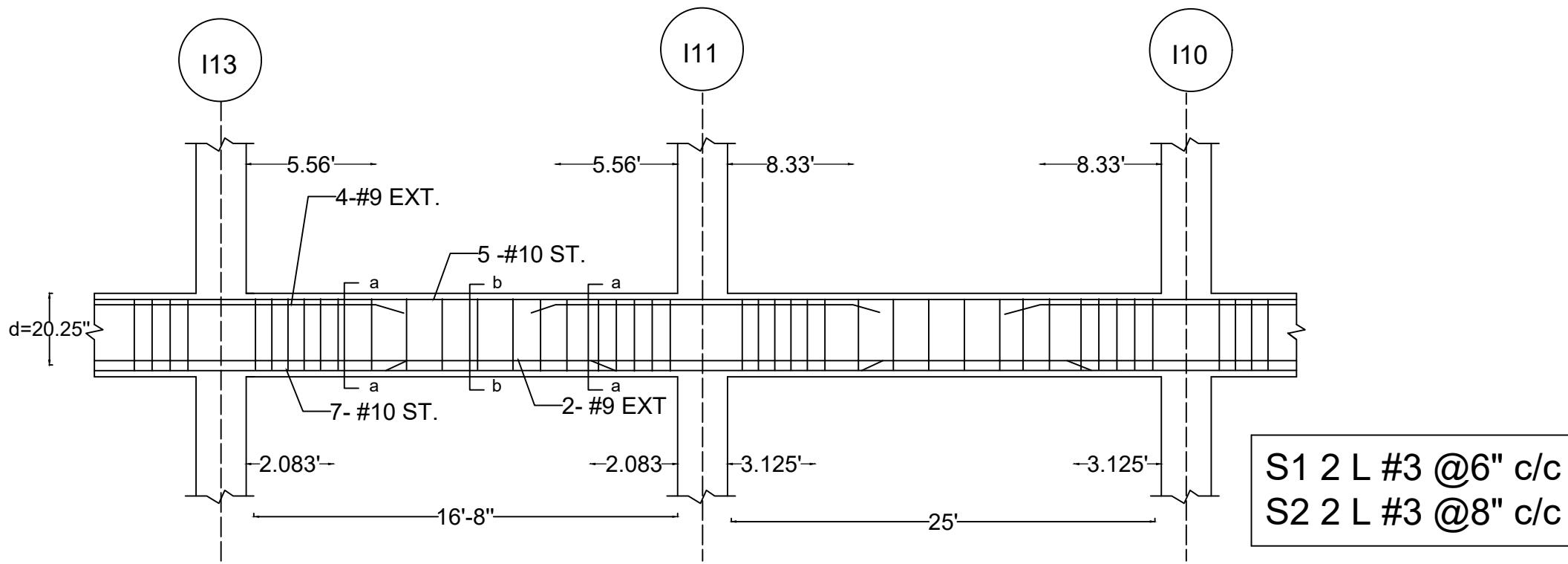
X Section b-b
MB 1 16"x22"

S1 2 L #3 @6" c/c
S2 2 L #3 @8" c/c

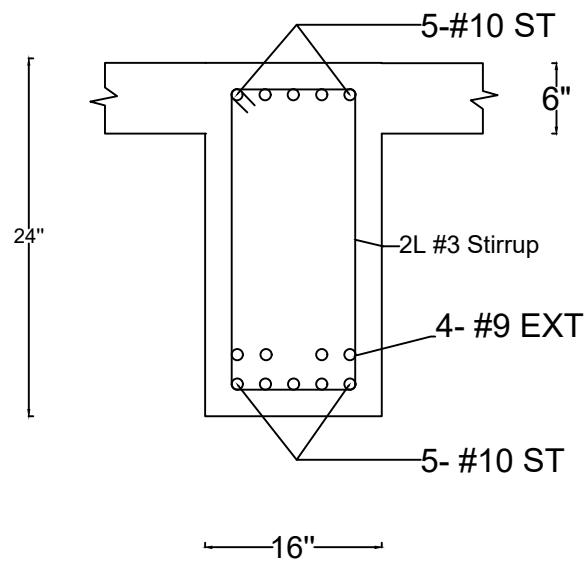
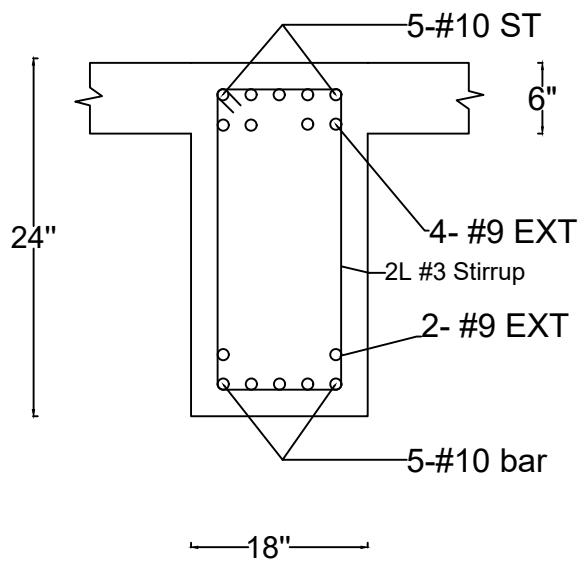
X Section a-a
MB 1 16"x22"

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Beam Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-07	

Typical Floor Roof Beam Reinforcement Details

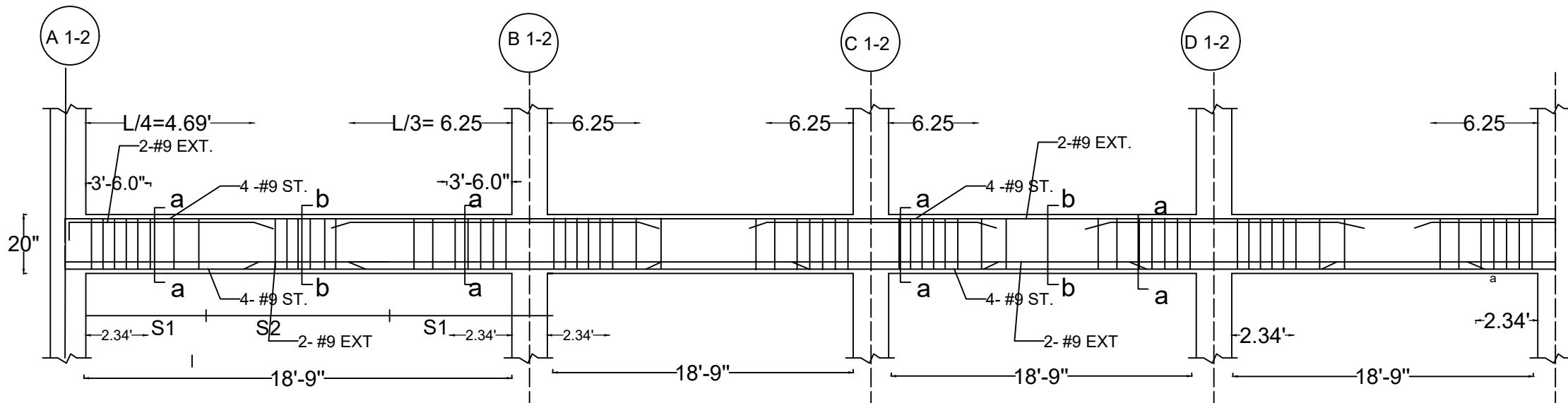


LONG SECTION OF FLOOR BEAM- MB2 18"X24"

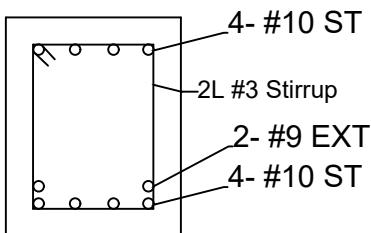
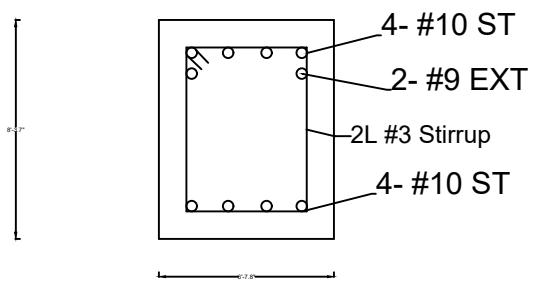


SUMMITTED BY:	
Capstone Group C2/3	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
CHECKED BY	
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DRAWING TITLE	
Beam Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	B-08

Typical Floor Roof Beam Reinforcement Details



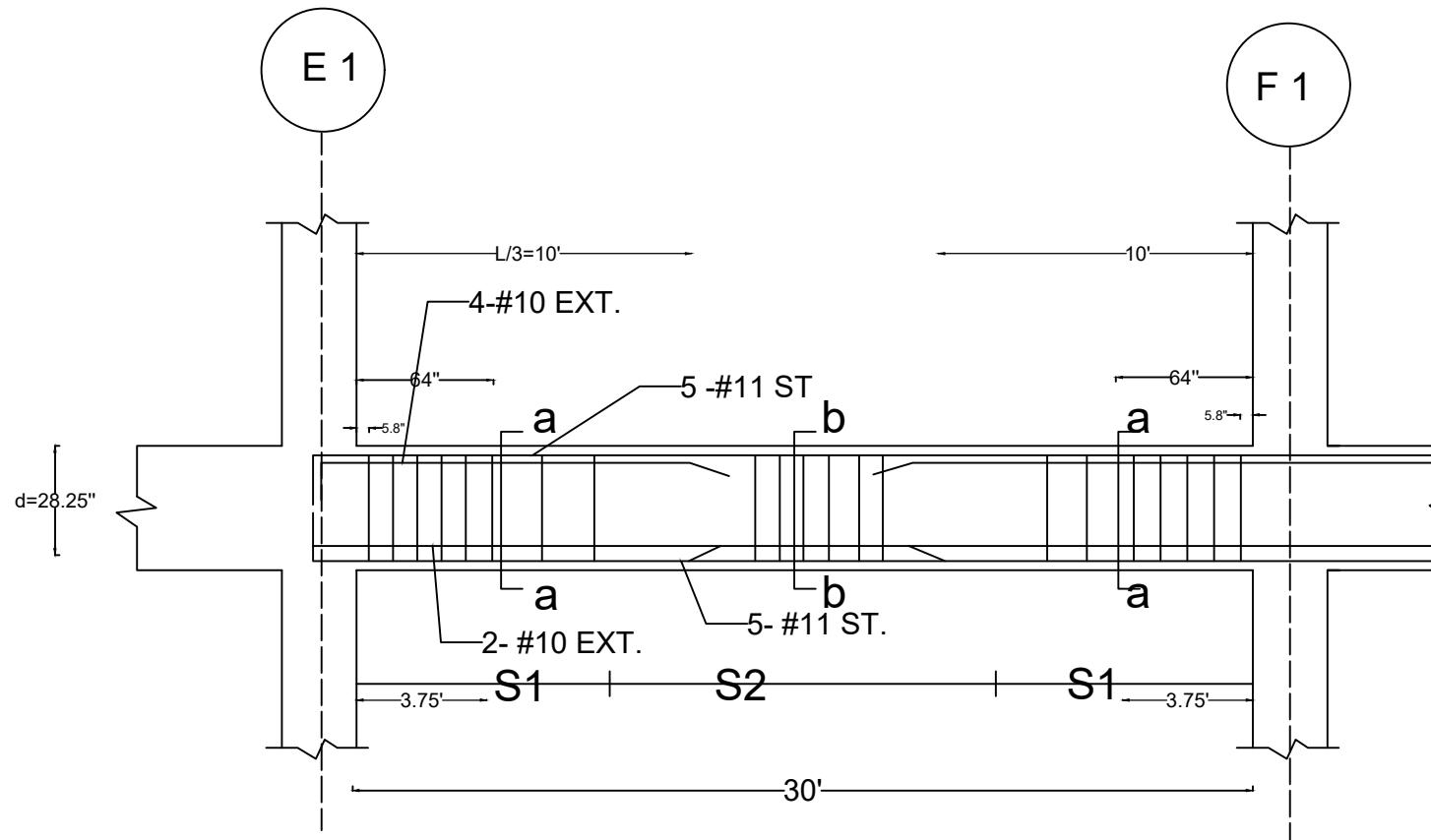
LONG SECTION OF Secondary FLOOR BEAM- SB 16"X20"



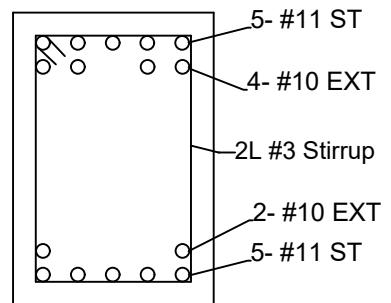
S1 2 L #3 @6" c/c
S2 2 L #3 @8" c/c

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
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Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Beam Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	B-09

Typical Floor Roof Beam Reinforcement details

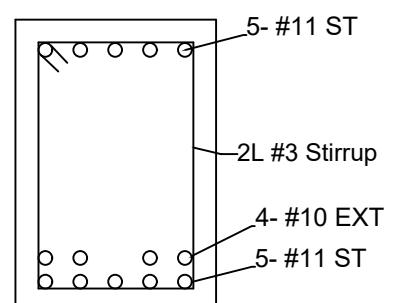


LONG SECTION OF Stair BEAM- 22"x32"



X Section a-a

Stair Beam 22"x32"



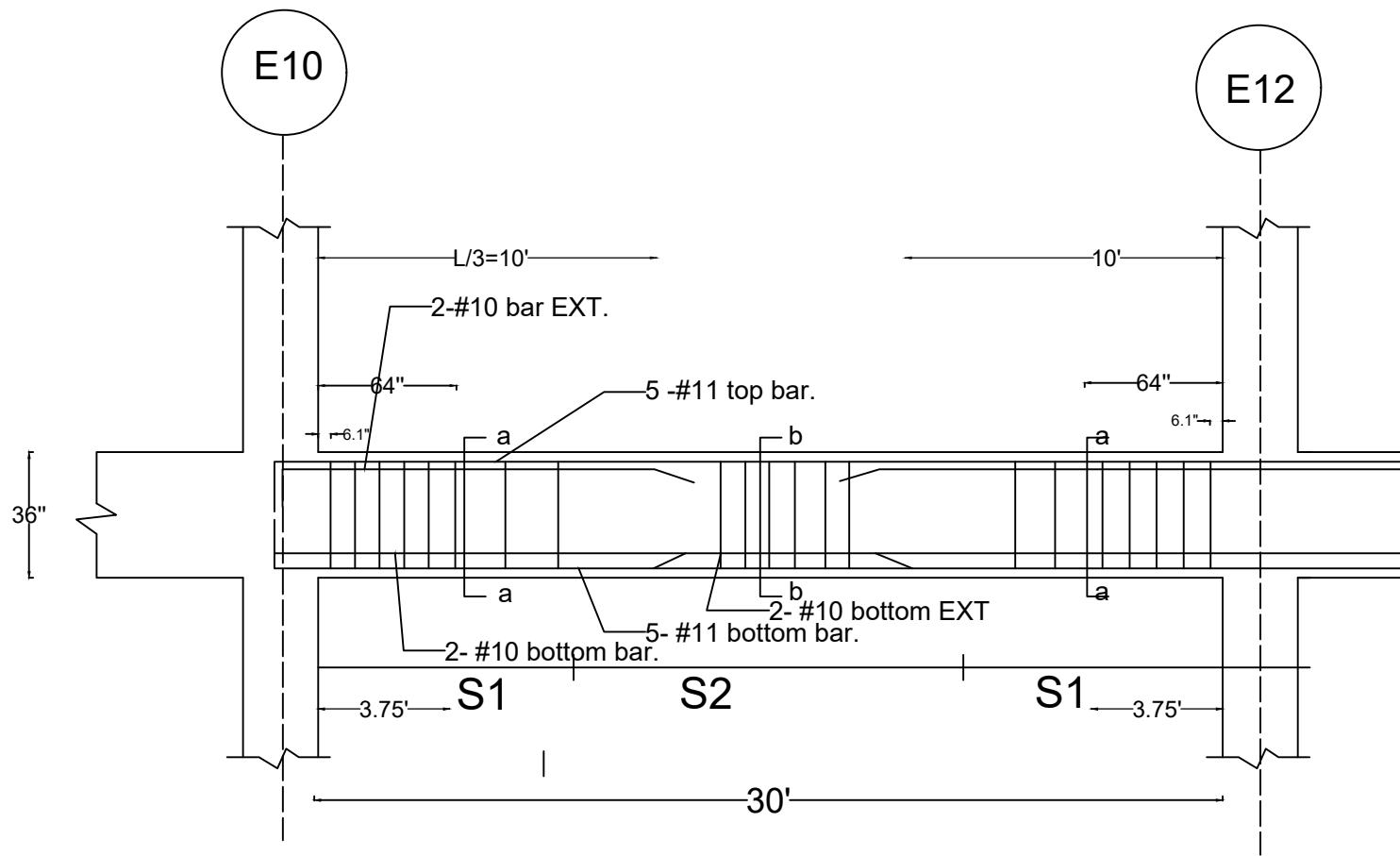
X Section b-b

Stair Beam 22"x32"

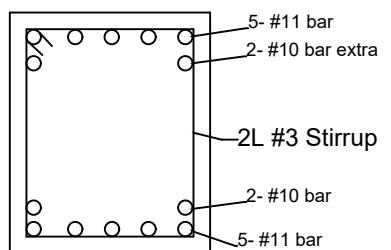
S1 2 L #3 @6" c/c
S2 2 L #3 @8" c/c

SUMMITTED BY:	
Capstone Group C2/3	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Beam Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-10	

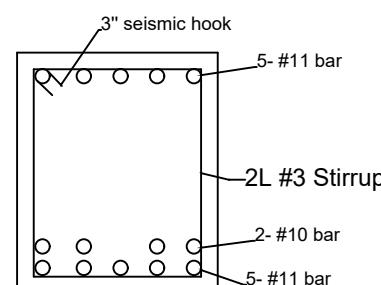
Typical Floor Roof Beam Reinforcement details



LONG SECTION OF OT Stair BEAM- 30"x36"



X Section a-a
OT Stair Beam 30"X36"



X Section b-b
OT Stair Beam 30"X36"

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
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1804176 - Abu Naser Khan	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Beam Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-11	

SUMMITTED BY:

Capstone Group C2/3

1804173 - SM Nahian Al Wasi (GL)
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PROJECT

Proposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL

CLIENTPWD (PUBLIC WORKS
DEPARTMENT)**ENGINEER**

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET**CHECKED BY**

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DRAWING TITLE

Slab Details

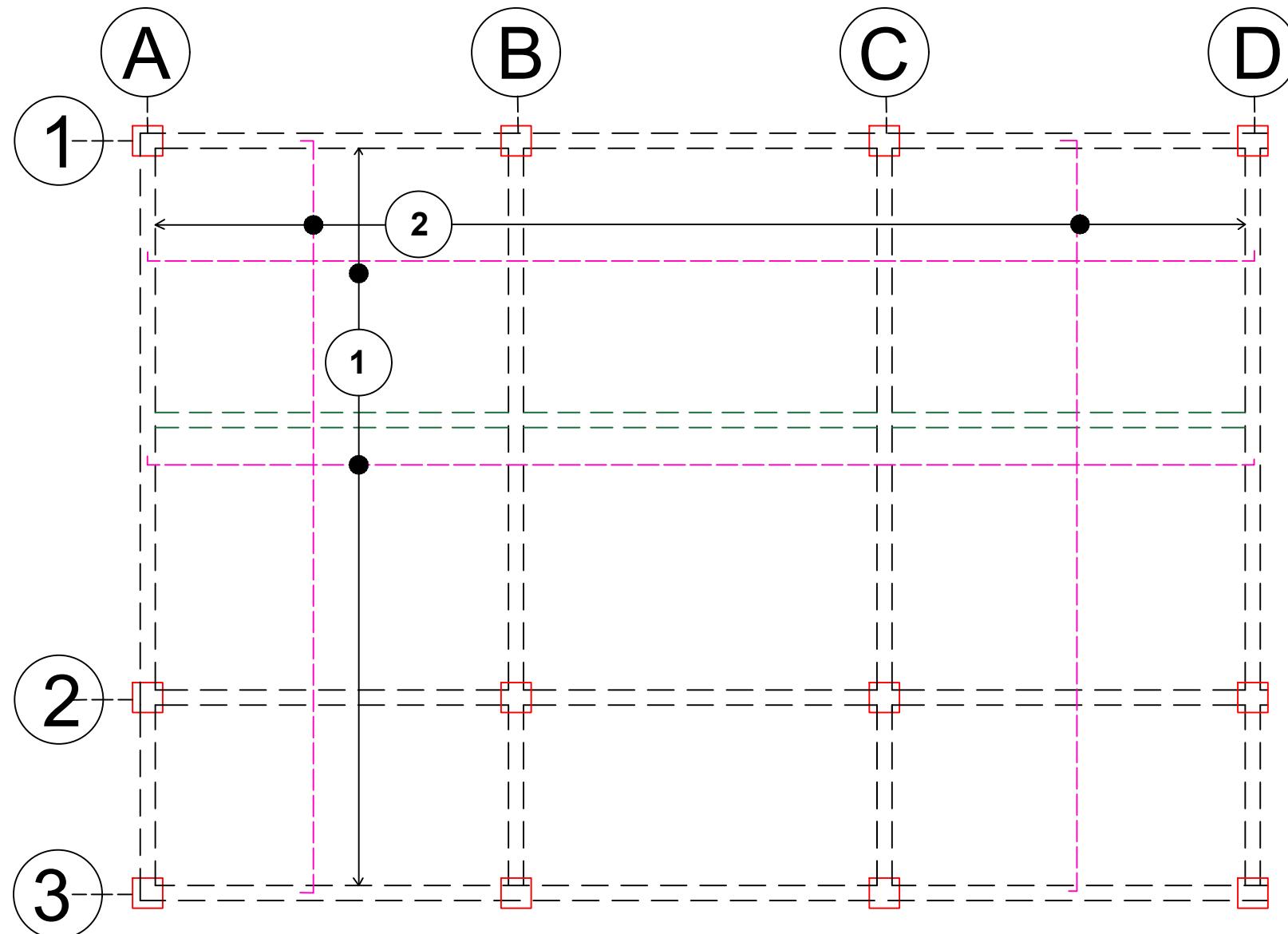
DATE JANUARY -2024

SCALE NOT TO SCALE

SHEET NO.

B-12

Typical Floor Slab Top Reinforcement Details

**Slab Thickness= 6"**

- 1) #5 @9" c/c bottom y direction
- 2) #5 @8" c/c bottom x direction

Slab

Concrete Mix -1:2:4
($f'_c=28$ days cylinder strength= 4000 psi)
(to be determined by trial mi design)
Slump= 1"-2"
Clear Cover= 0.75"

Steel

$f_y= 60000$ psi deformed bar. Lap length as per BNBC and ACI code

SUMMITTED BY:

Capstone Group C2/3

1804173 - SM Nahian Al Wasi (GL)
1804180 - Samiha Tasneem (DGL)
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PROJECT

Proposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL

CLIENTPWD (PUBLIC WORKS
DEPARTMENT)**ENGINEER**

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET**CHECKED BY**

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DRAWING TITLE

Slab Details

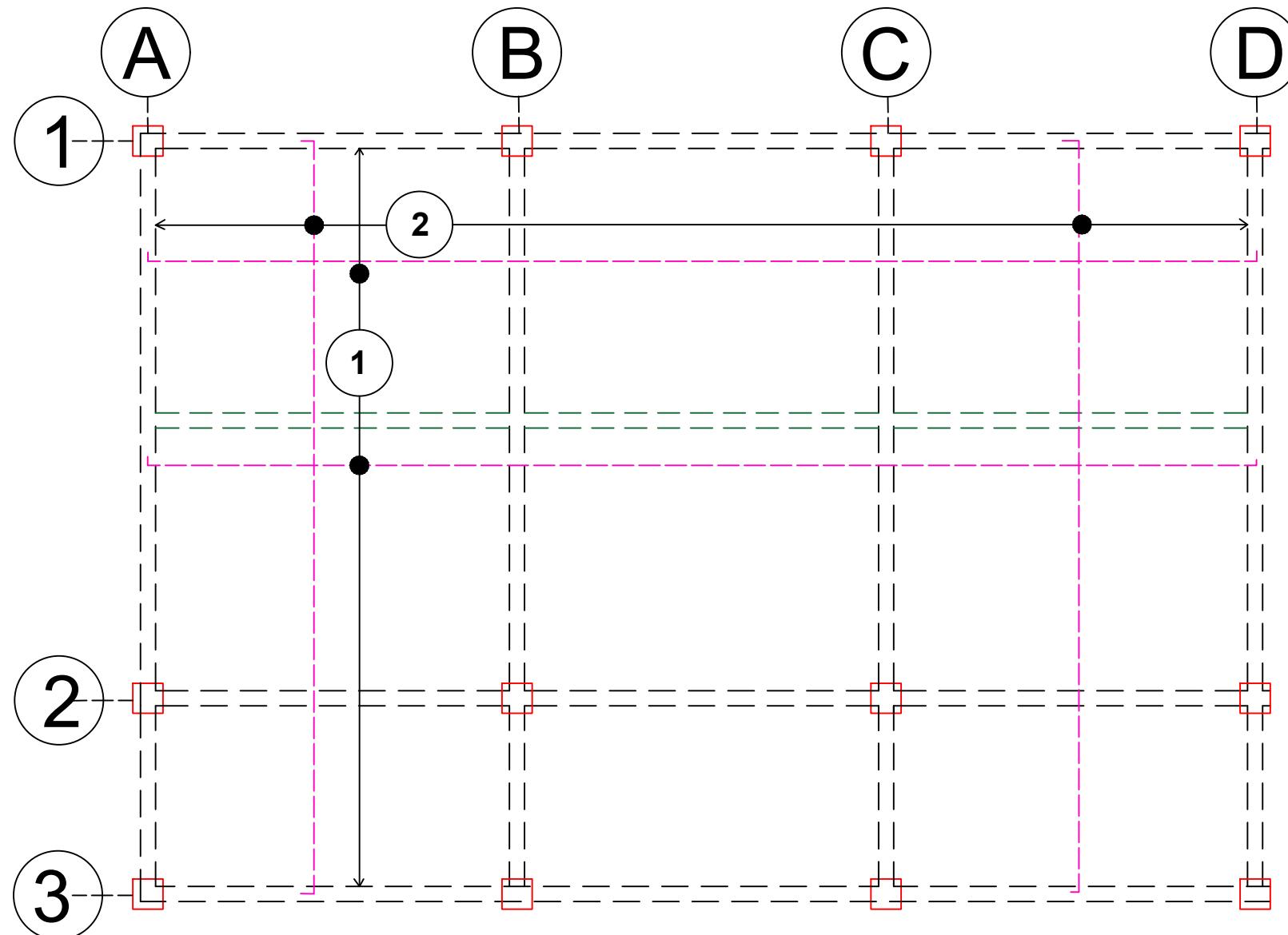
DATE JANUARY -2024

SCALE NOT TO SCALE

SHEET NO.

B-13

Typical Floor Slab Bottom Reinforcement Details

**Slab Thickness= 6"**

- 1) #5 @14" c/c bottom y direction
- 2) #5 @14" c/c bottom x direction

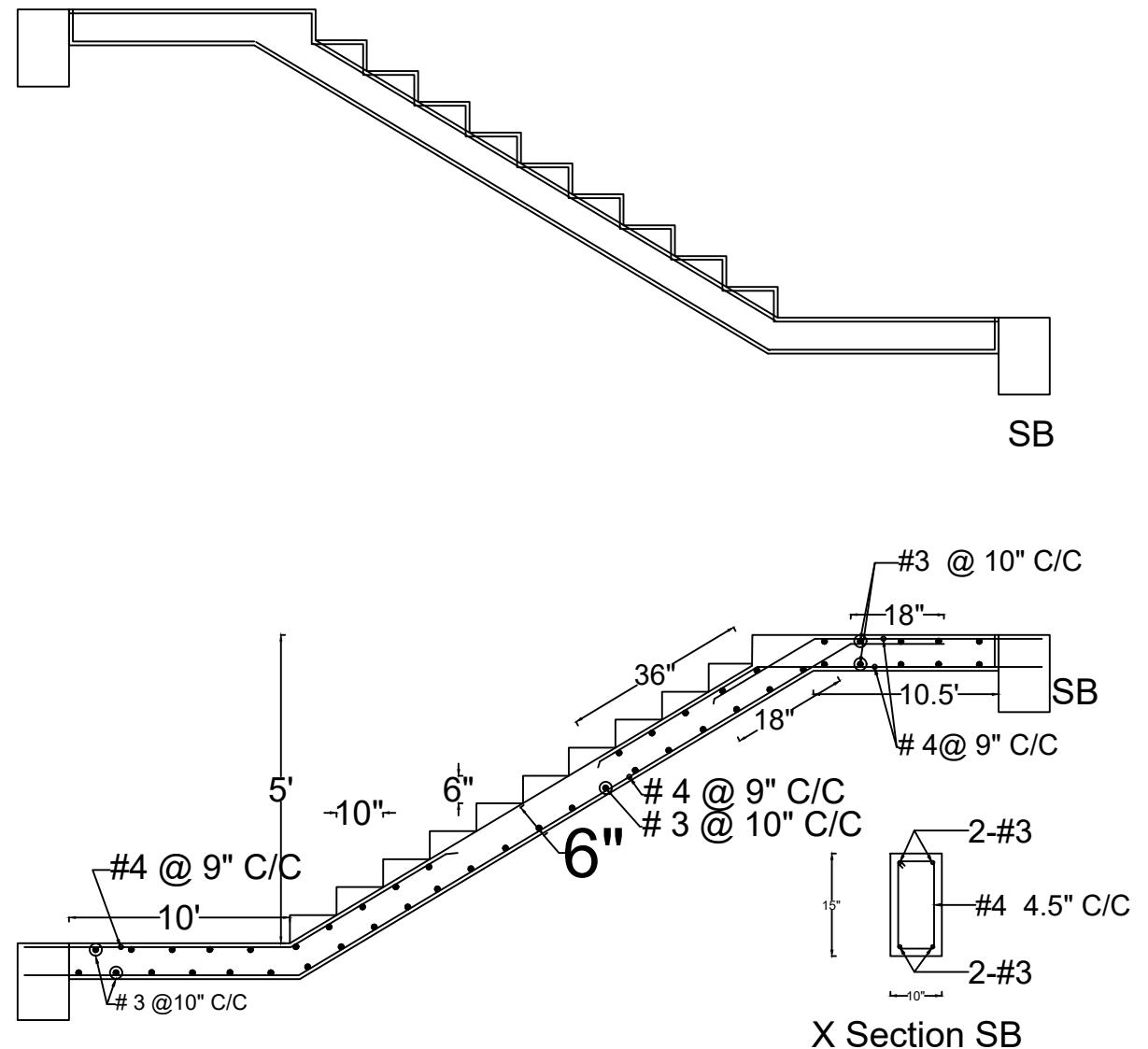
Slab

Concrete Mix -1:2:4
($f'_c=28$ days cylinder strength= 4000 psi)
(to be determined by trial mix design)
Slump= 1"-2"
Clear Cover= 0.75"

Steel

$f_y= 60000$ psi deformed bar. Lap length as per BNBC and ACI code

Stairs Reinforcement Details

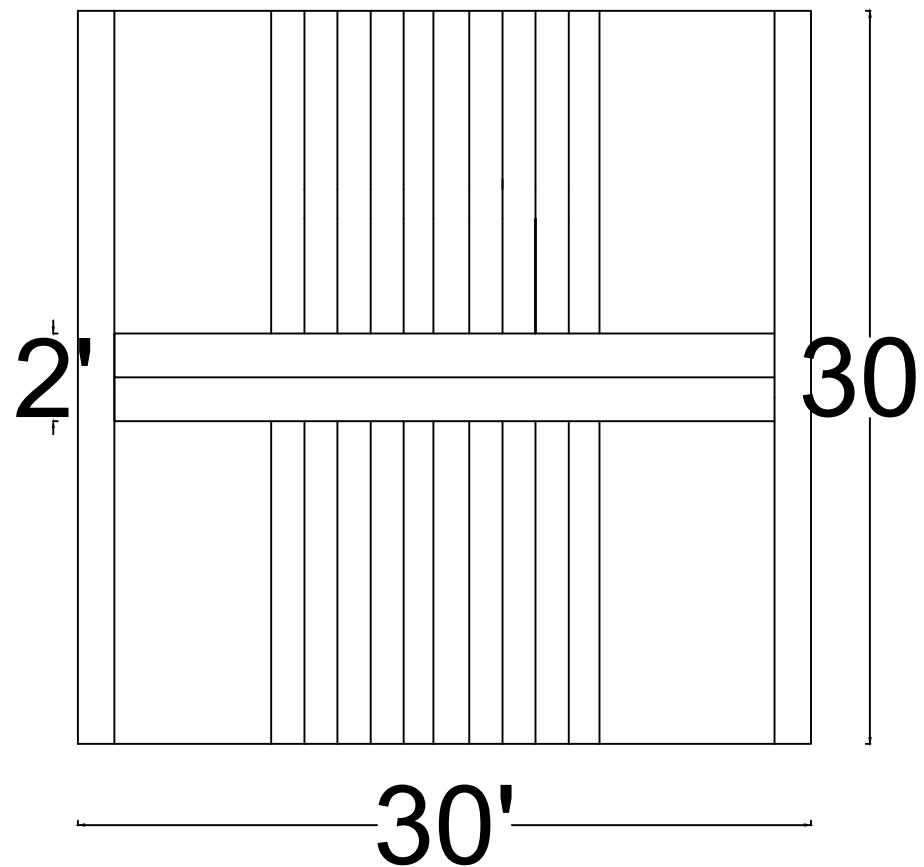


Beam

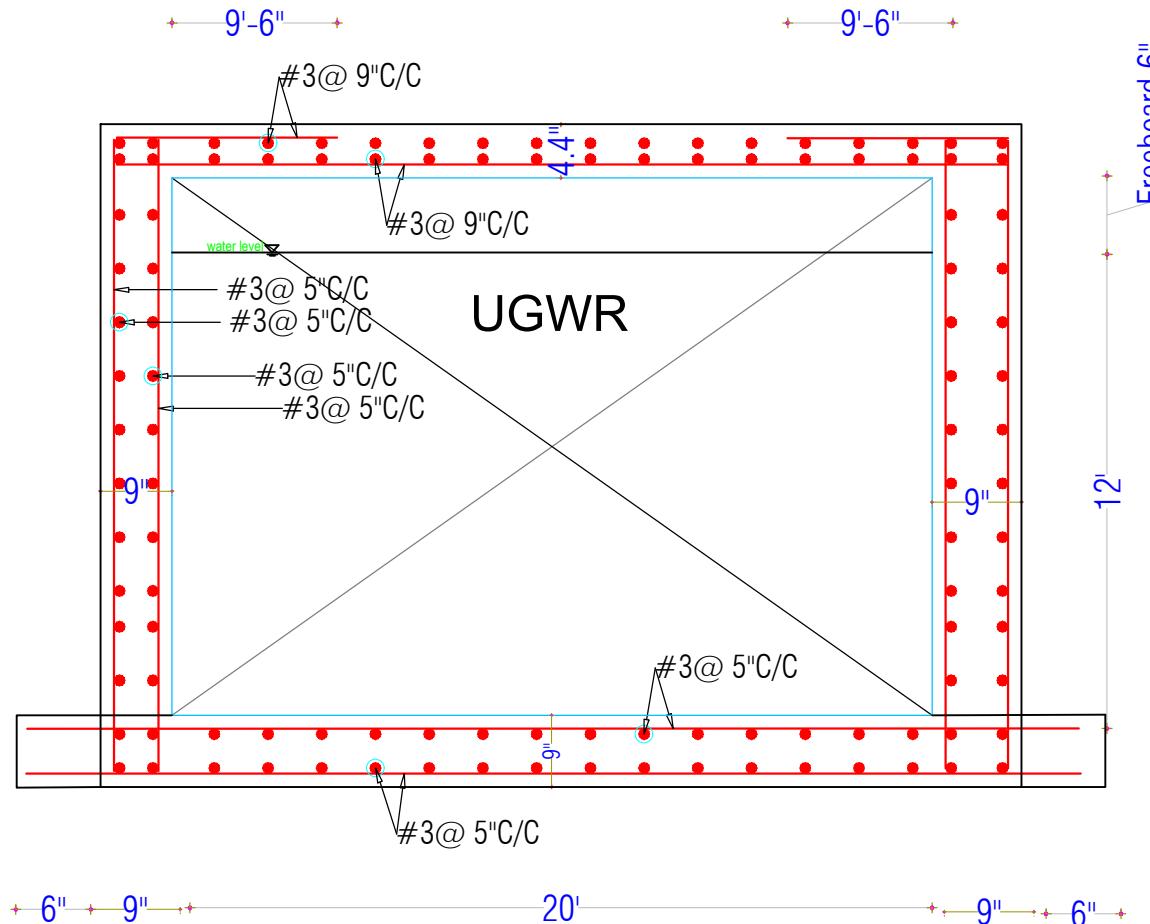
Concrete Mix -1:2:4 ($f'_c=28$ days
cylinder strength= 4000 psi)
(to be determined by trial mix design)
Slump= 1"-2"
Clear Cover=3/4"

Steel

$f_y= 60000$ psi deformed bar. Lap length
as per BNBC code



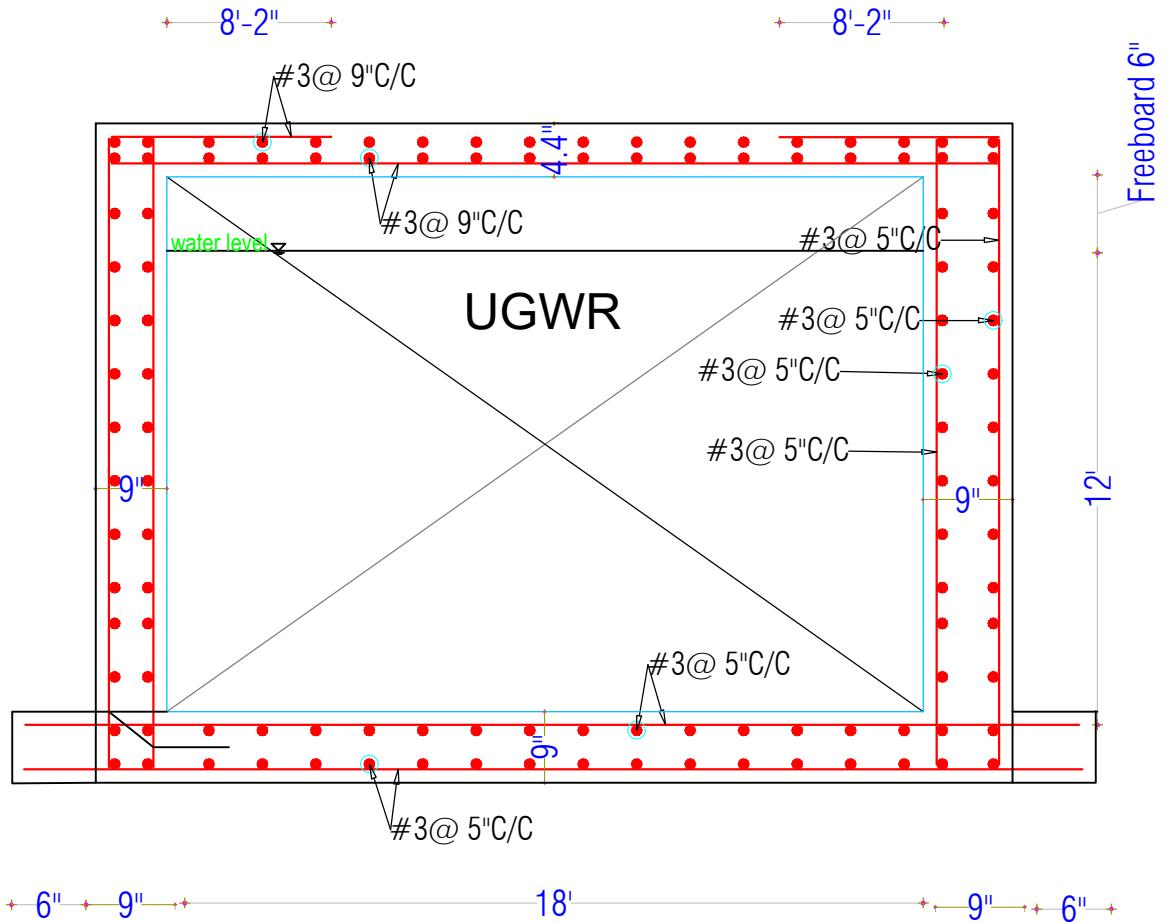
SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
1804177 - Muhammed Yeasin Arafat	
1804179 - Shamim Azad Bakul	
PROJECT	
PWD (PUBLIC WORKS DEPARTMENT)	
CLIENT	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Stair Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-14	



Reber Details of UGWR Side Wall

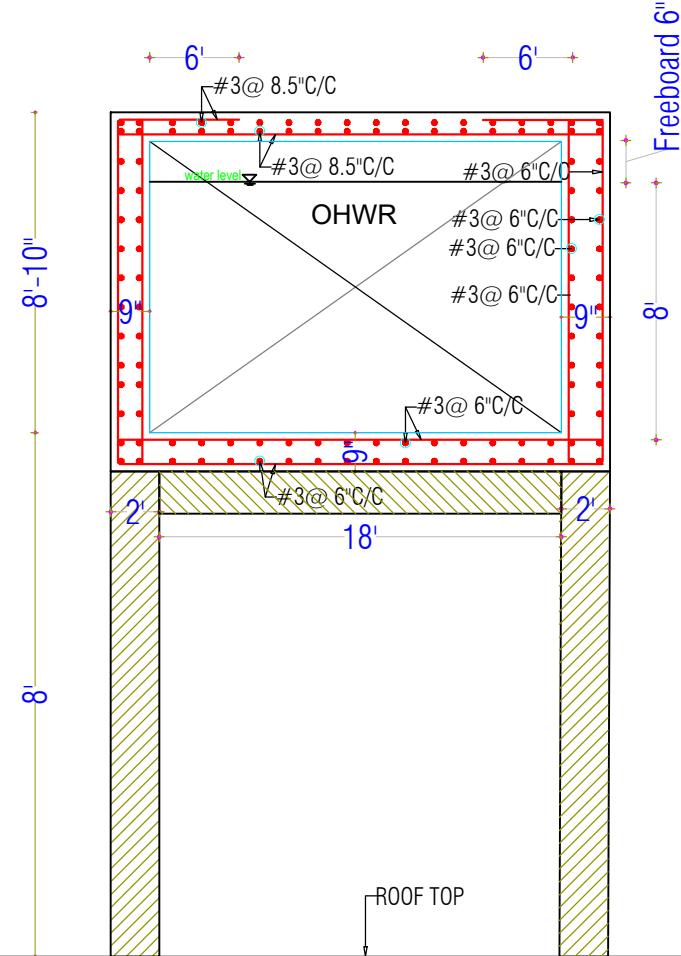
Sections Through Long Walls

SUBMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
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1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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UGWR Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-15	

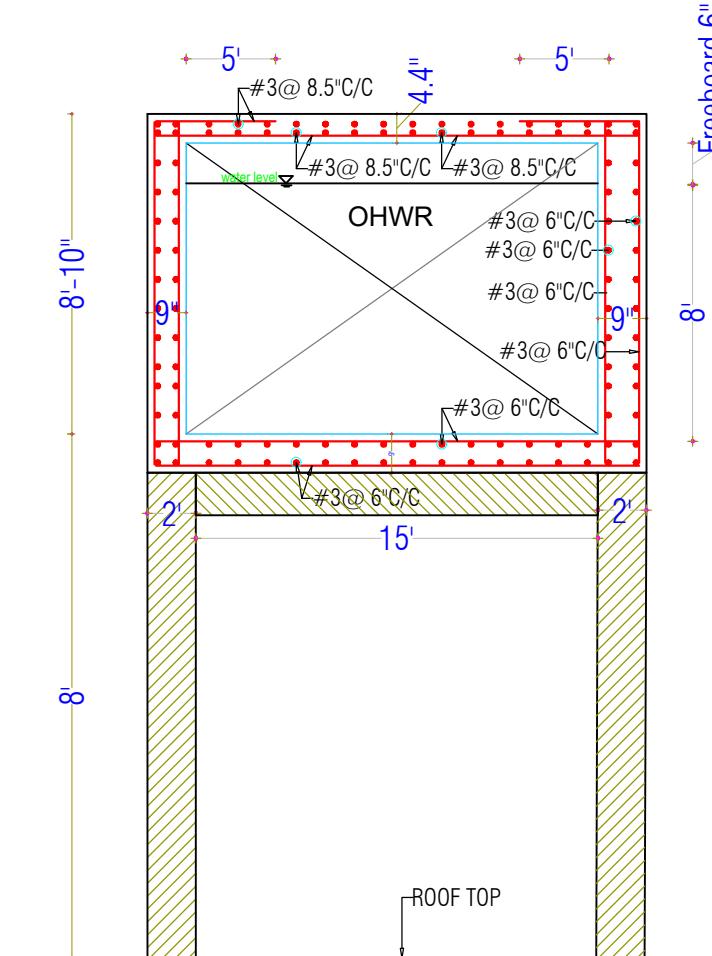


Reber Details of UGWR Side Wall Sections Through Short Walls

SUBMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
1804177 - Muhammed Yesin Arifat	
1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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UGWR Details	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-16	



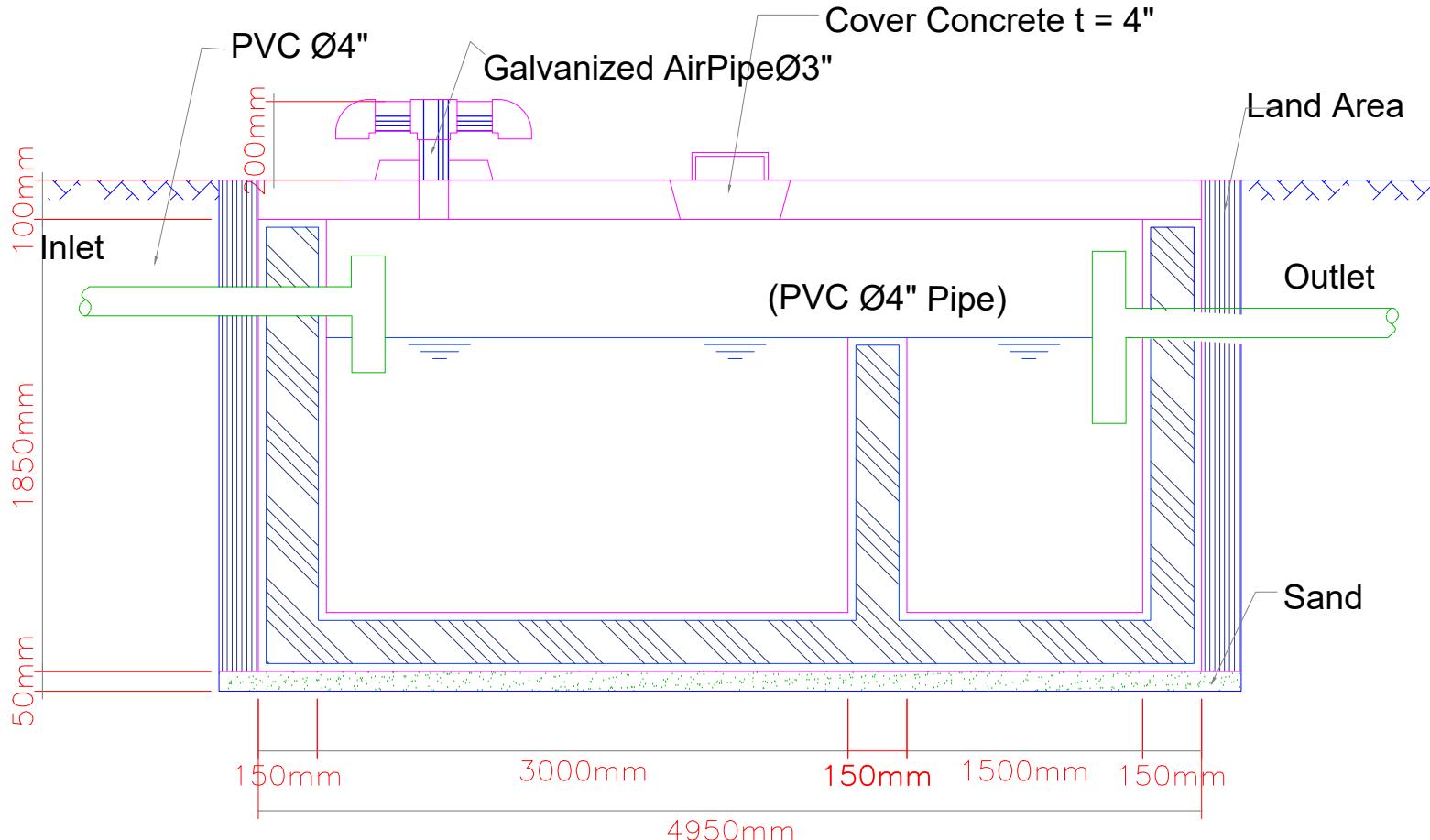
REBER DETAILS OF OHWR side
Wall Sections Through Long Walls



REBER DETAILS OF OHWR Side
Wall Sections Through Short Walls

SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
1804177 - Muhammed Yesmin Arifat	
1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
OHWR Details	
DATE	
JANUARY -2024	
SCALE	
NOT TO SCALE	
 SHEET NO.	
B-17	

Septic Tank Detail



SUMMITTED BY:	
Capstone Group C2/3	1804173 - SM Nahian Al Wasi (GL) 1804180 - Samiha Tasneem (DGL) 1804165 - Shoeb Ahmad Tanim 1804176 - Abu Naser Khan 1804177 - Muhammed Yesmin Arafat 1804179 - Shamim Azad Bakul
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET
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DRAWING TITLE	
Septic Tank Detail	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
 SHEET NO.	
B-18	

Academic Building Grade Beam Layout

SUMMITTED BY:

Capstone Group C2/3

- 1804173 - SM Nahian Al Wasi (GL)
- 1804180 - Samiha Tasneem (DGL)
- 1804165 - Shoeb Ahmad Tanim
- 1804176 - Abu Naser Khan
- 1804177 - Muhammed Yeasin Arafat
- 1804179 - Shamim Azad Bakul

PROJECT

Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL

CLIENT

PWD (PUBLIC WORKS DEPARTMENT)

ENGINEER

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET

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DRAWING TITLE

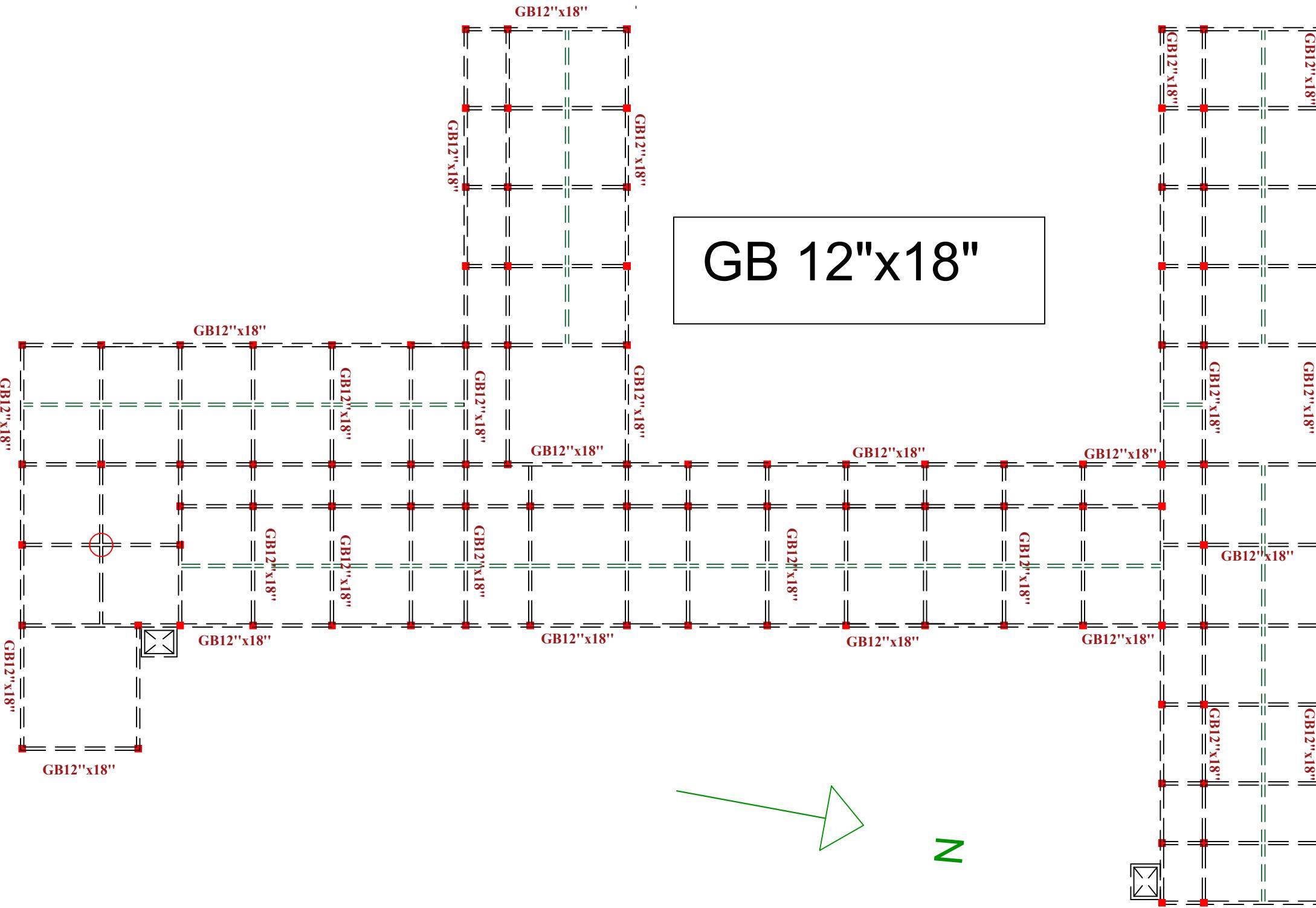
Grade Beam Layout

DATE JANUARY -2024

SCALE **NOT TO SCALE**

SHEET NO.

B-19



SUMMITTED BY:

Capstone Group C2/3

1804173 - SM Nahian Al Wasi (GL)
1804180 - Samiha Tasneem (DGL)
1804165 - Shoeb Ahmad Tanim
1804176 - Abu Naser Khan
1804177 - Muhammed Yeasin Arafat
1804179 - Shamim Azad Bakul

PROJECT

Proposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL

CLIENTPWD (PUBLIC WORKS
DEPARTMENT)**ENGINEER**

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET**CHECKED BY**

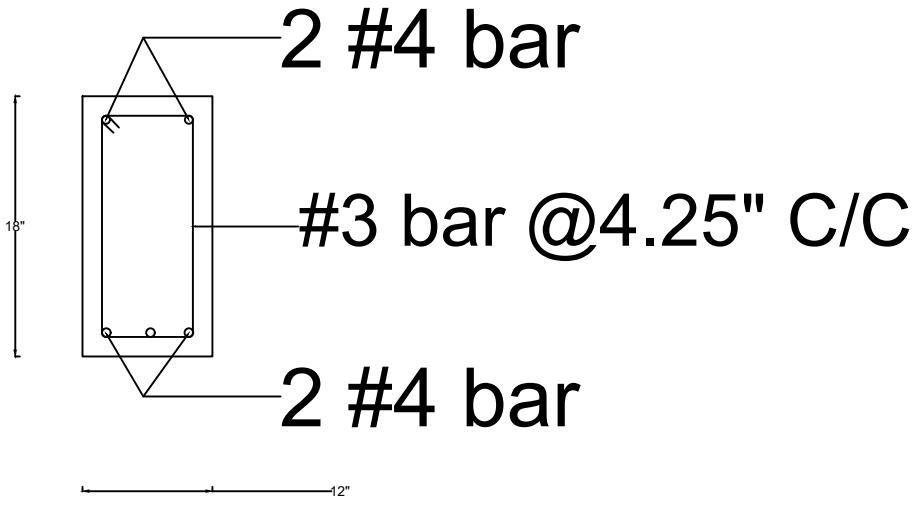
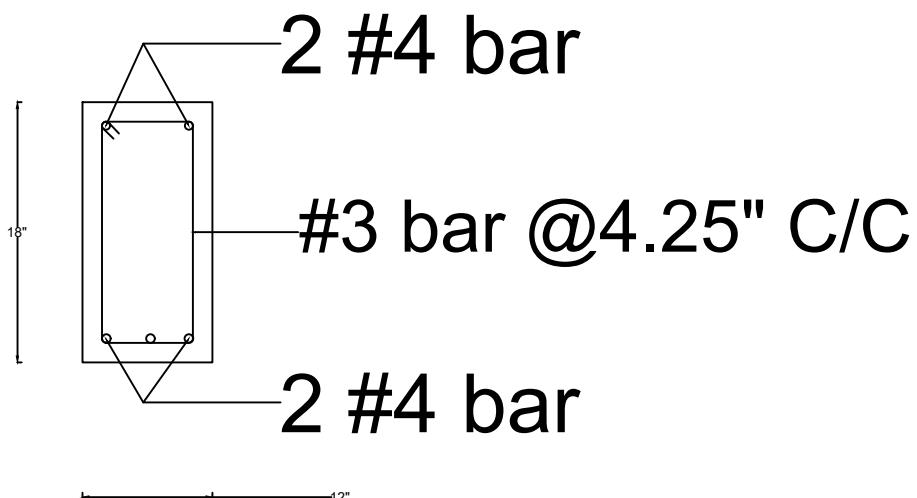
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Grade Beam Detail

DATE JANUARY -2024**SCALE** NOT TO SCALE**SHEET NO.**

B-20

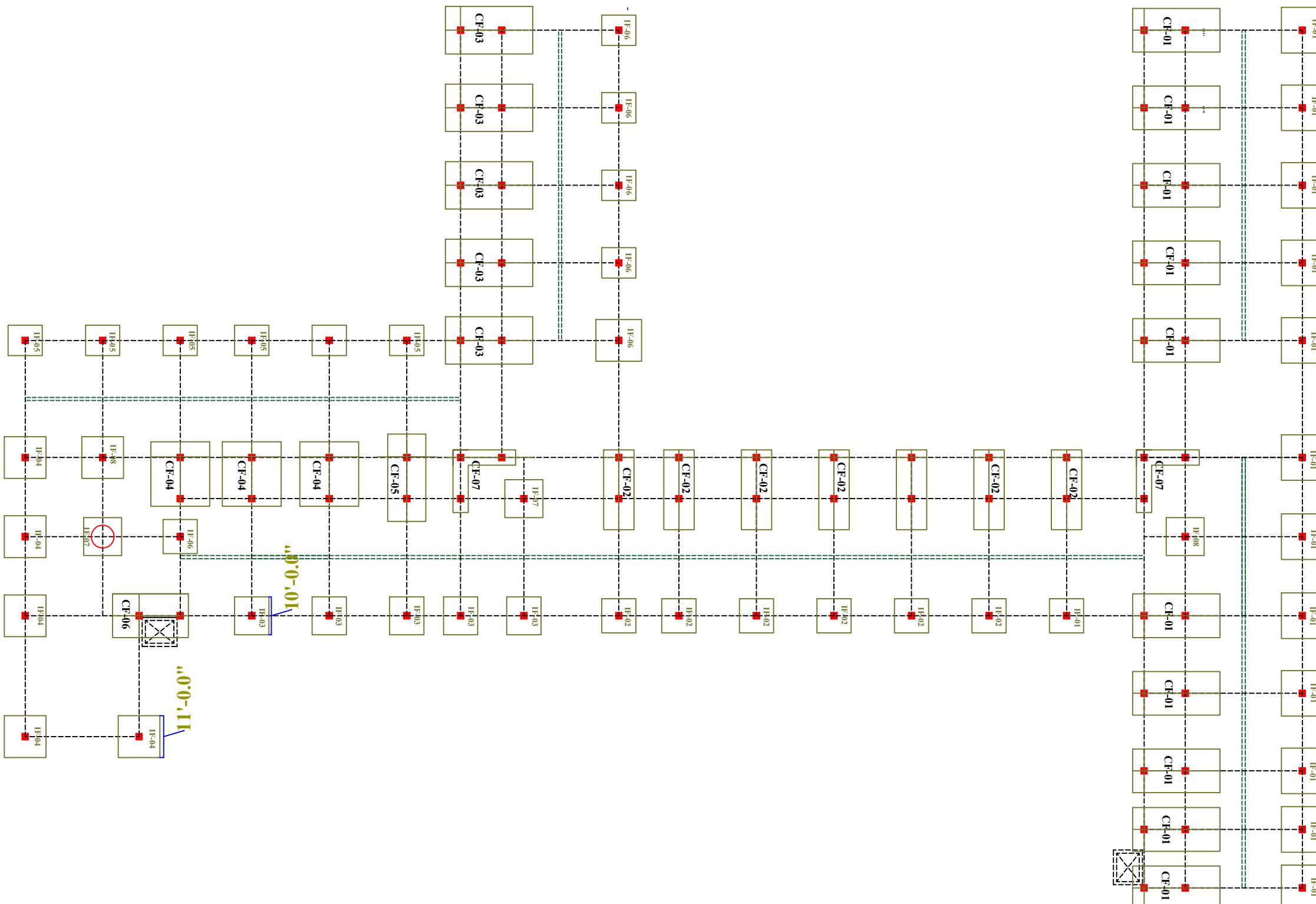
GB 12"x18"**GB (Mid Section)****GB (Support Section)****Grade Beam**

Concrete Mix - 1:2:4 ($f'_c=28$ days
cylinder strength= 4000 psi)
(to be determined by trial mix design)
Slump= 1"-2"
Clear Cover=2.5"

Steel

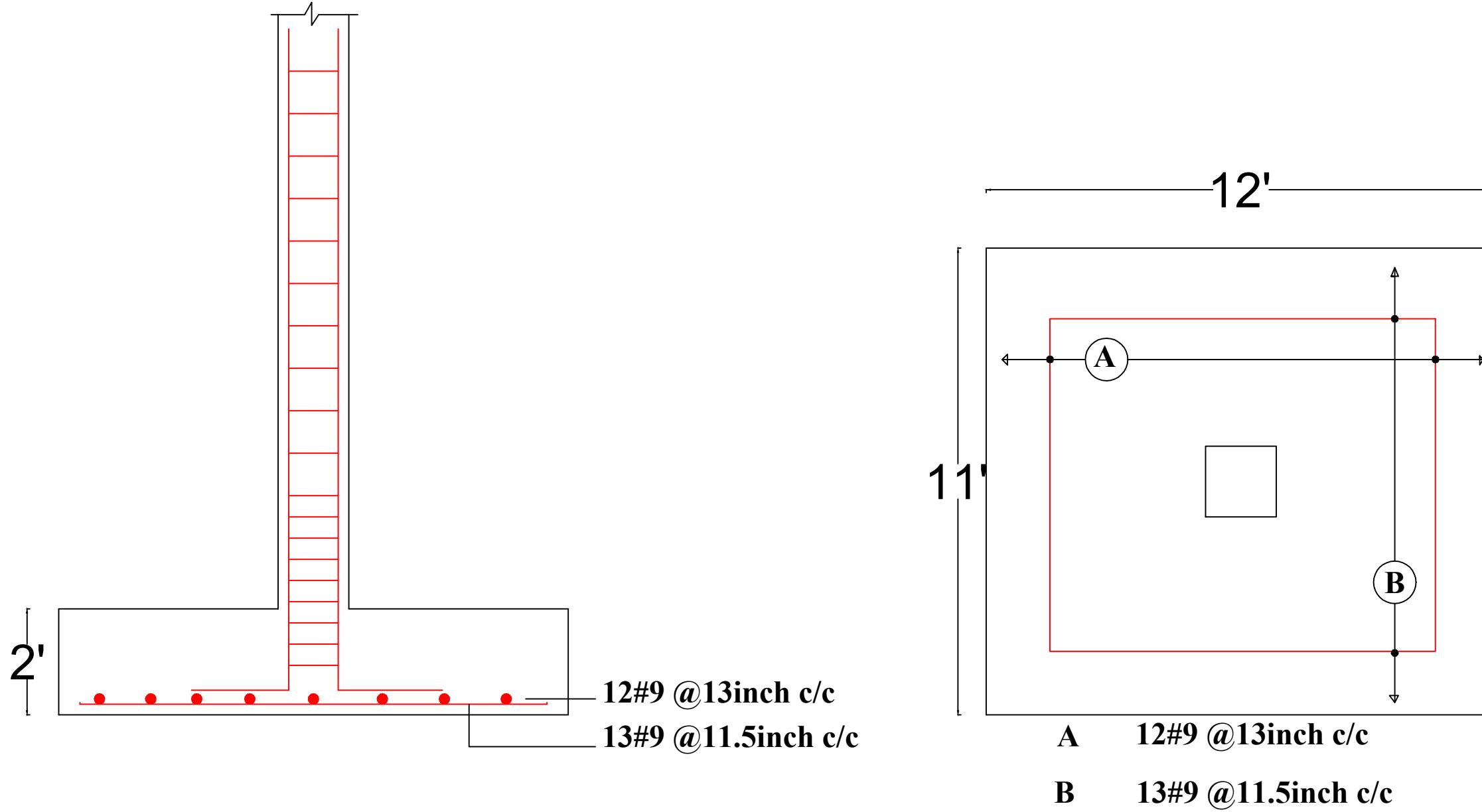
$f_y= 60000$ psi deformed bar. Lap length
as per BNBC code

Academic Building Foundation Layout



SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
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1804165 - Shoeb Ahmad Tanim	
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1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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DRAWING TITLE	
Foundation Layout	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-21	

Academic Building Foundation Detail



SUMMITTED BY:	
Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL)	
1804180 - Samiha Tasneem (DGL)	
1804165 - Shoeb Ahmad Tanim	
1804176 - Abu Naser Khan	
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1804179 - Shamim Azad Bakul	
PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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Foundation Detail	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
SHEET NO.	
B-22	

SUMMITTED BY:

Capstone Group C2/3

1804173 - SM Nahian Al Wasi (GL)

1804180 - Samiha Tasneem (DGL)

1804165 - Shoeb Ahmad Tanim

1804176 - Abu Naser Khan

1804177 - Muhammed Yeasin Arafat

1804179 - Shamim Azad Bakul

PROJECTProposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL**CLIENT**PWD (PUBLIC WORKS
DEPARTMENT)**ENGINEER**

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET**CHECKED BY**

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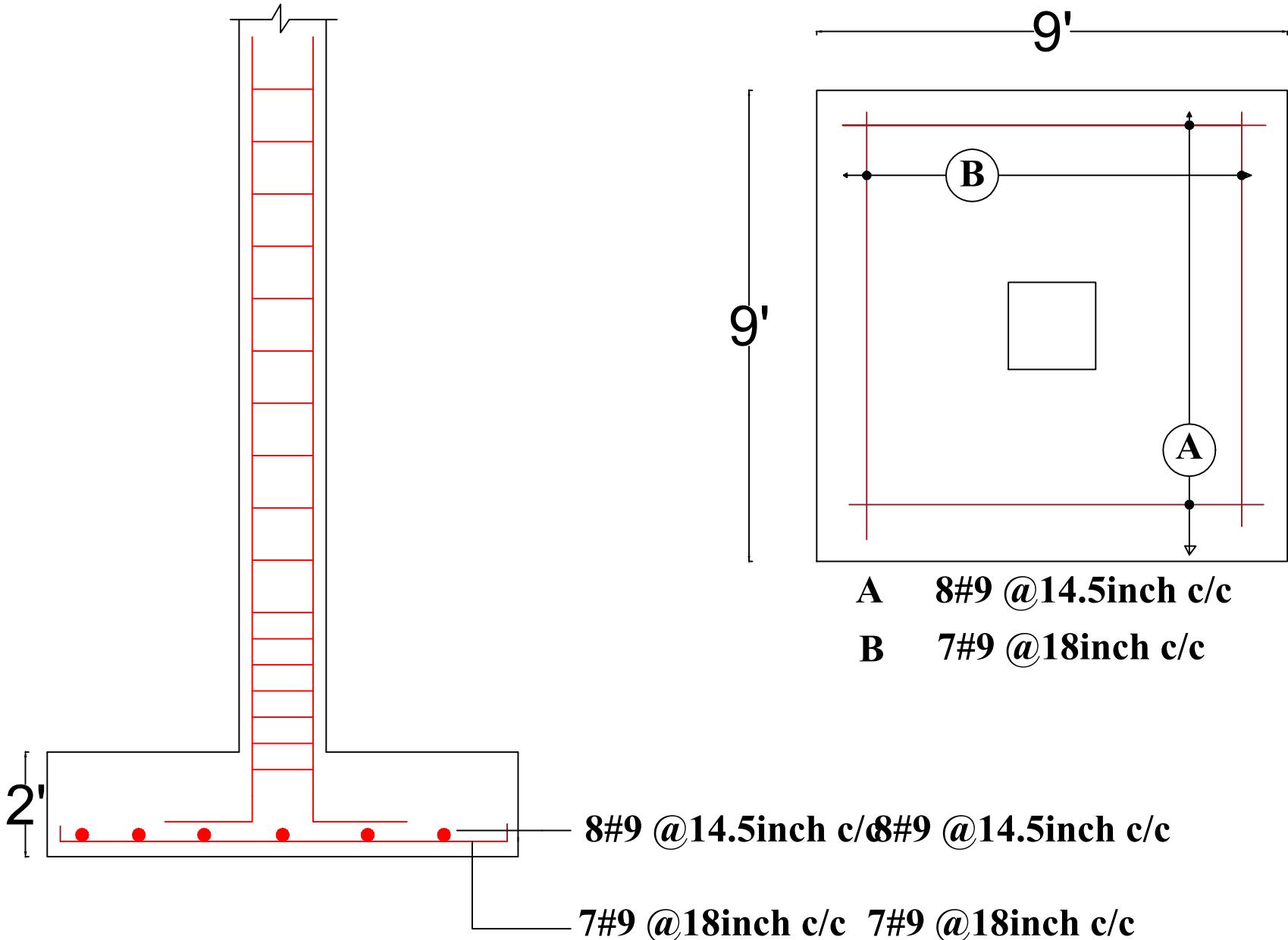
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Foundation Detail

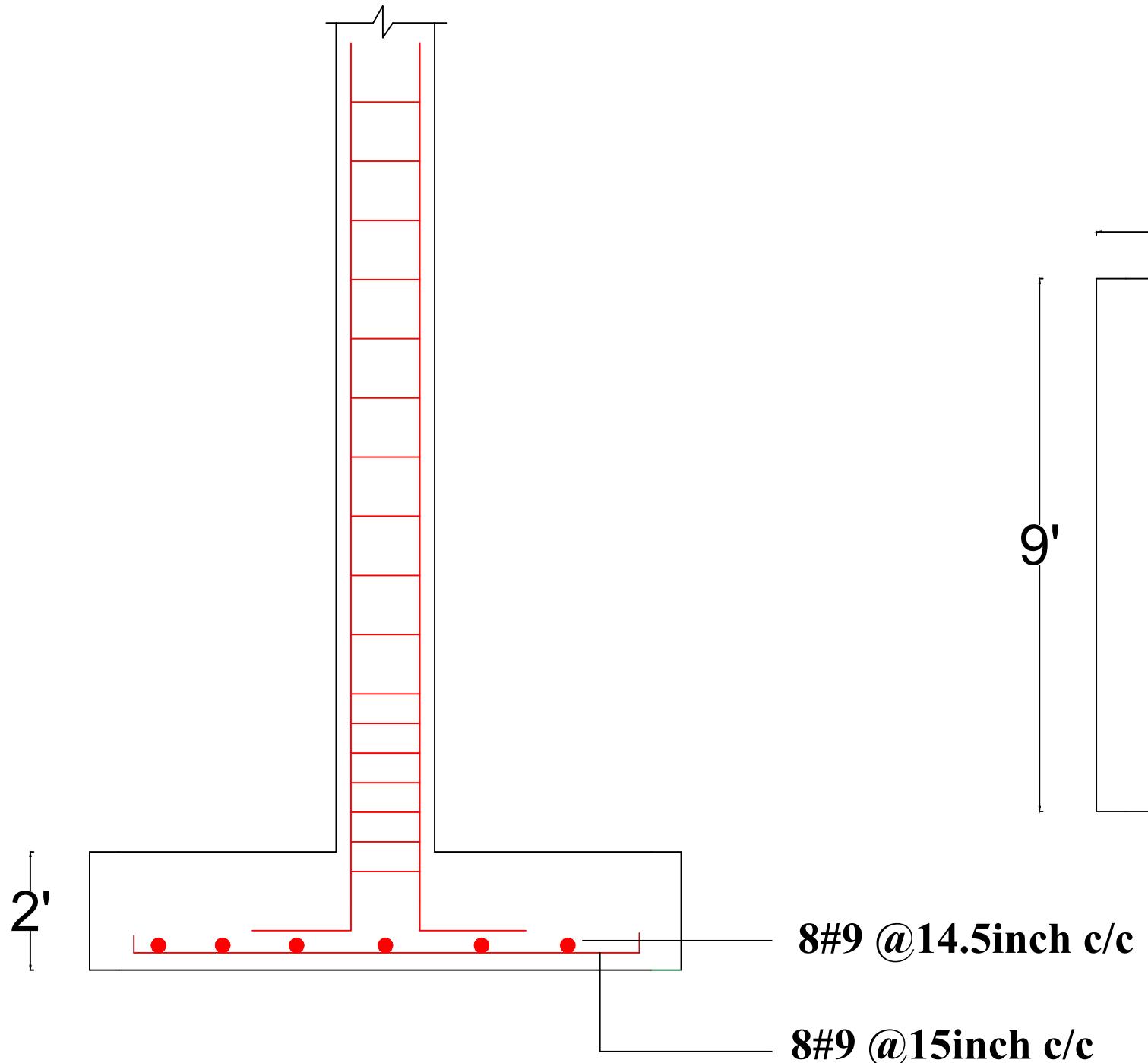
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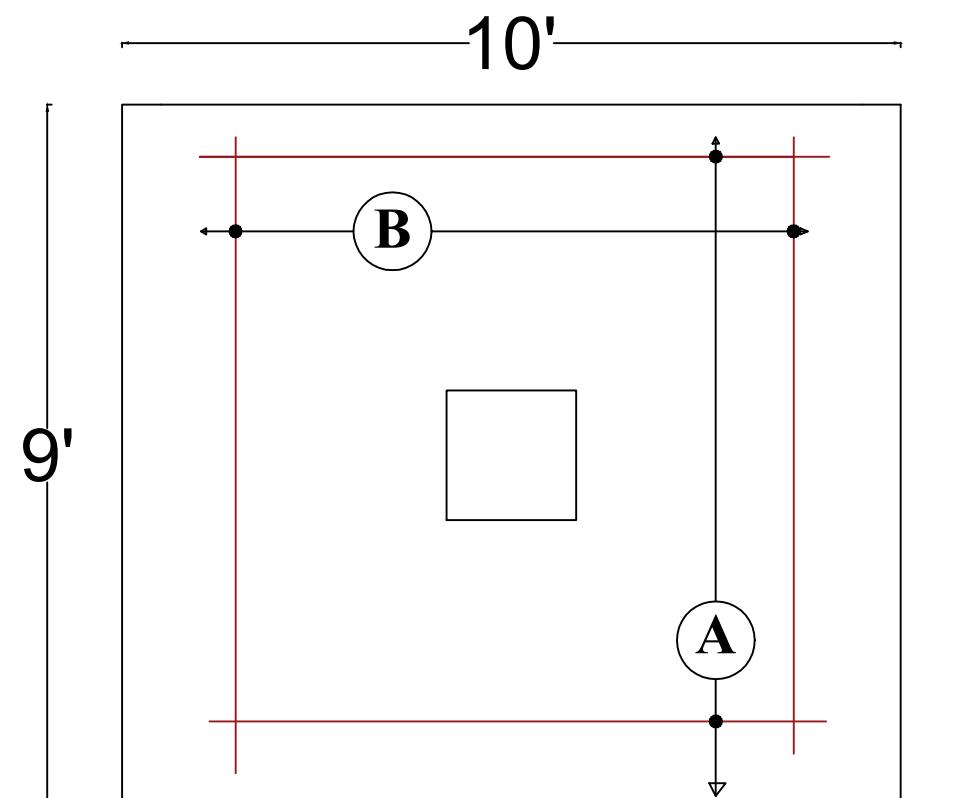
Academic Building Foundation Detail

**FOOTING TYPE:IF-02**

Academic Building Foundation Detail



FOOTING TYPE:IF-03

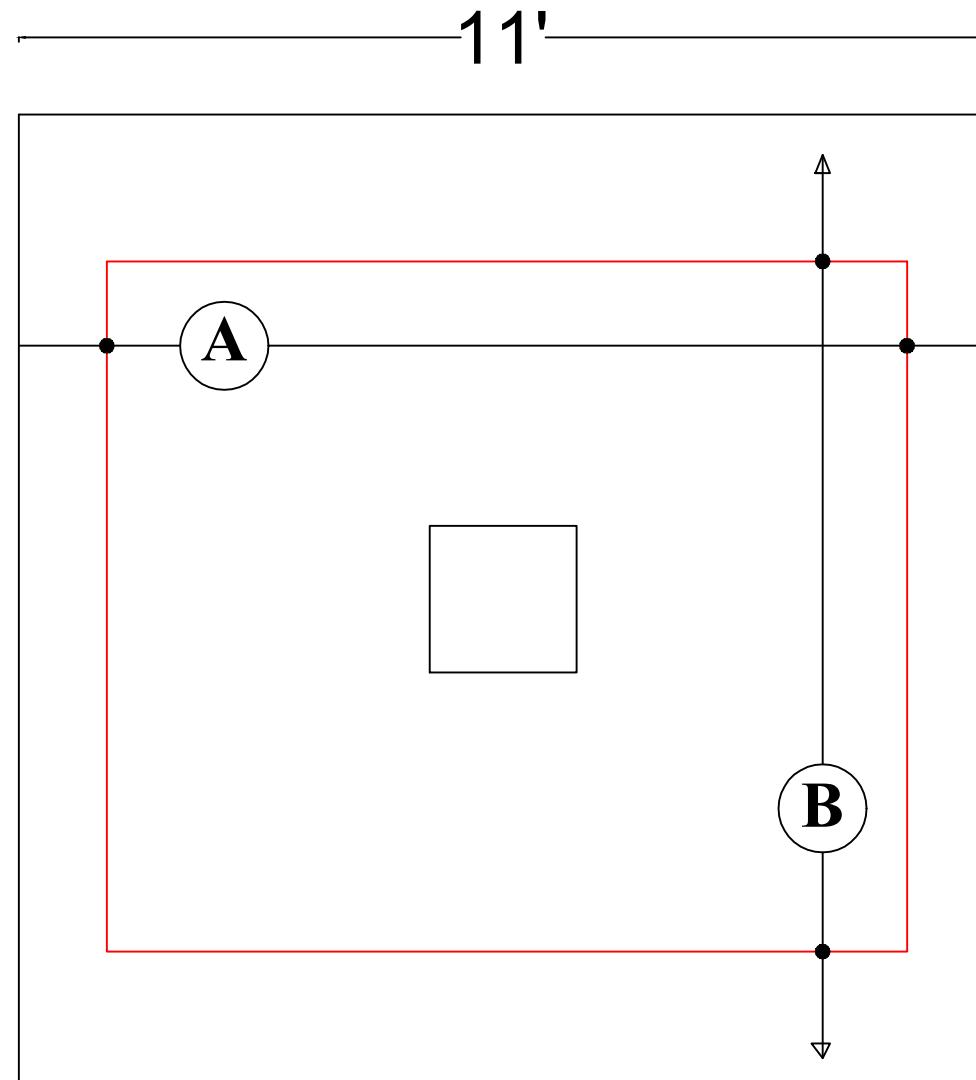
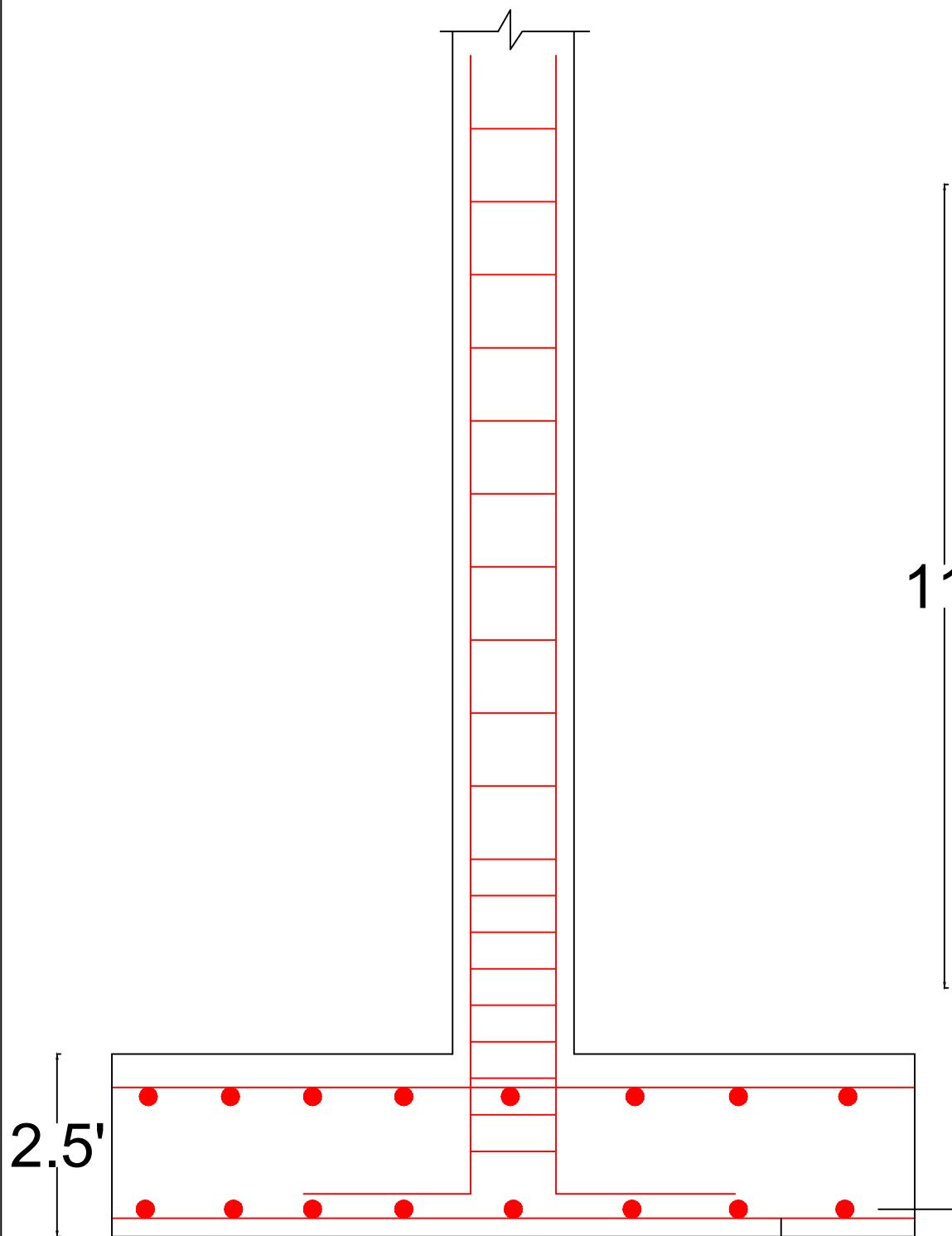


A 8#9 @14.5inch c/c

B 8#9 @15inch c/c

SUMMITTED BY:	
Capstone Group C2/3	1804173 - SM Nahian Al Wasi (GL) 1804180 - Samiha Tasneem (DGL) 1804165 - Shoeb Ahmad Tanim 1804176 - Abu Naser Khan 1804177 - Muhammed Yeasin Arafat 1804179 - Shamim Azad Bakul
PROJECT	
PWD (PUBLIC WORKS DEPARTMENT)	Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL
CLIENT	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	Capstone Group C2/3
ENGINEER	
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Foundation Detail	
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SHEET NO.	B-24

Academic Building Foundation Detail



A 12#9 @11inch c/c

B 12#9 @12inch c/c

12#9 @11inch c/c

12#9 @12inch c/c

FOOTING TYPE:IS-04

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Capstone Group C2/3	
1804173 - SM Nahian Al Wasi (GL) 1804180 - Samiha Tasneem (DGL) 1804165 - Shoeb Ahmad Tanim 1804176 - Abu Naser Khan 1804177 - Muhammed Yeasin Arafat 1804179 - Shamim Azad Bakul	
PROJECT	Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL
CLIENT	
PWD (PUBLIC WORKS DEPARTMENT)	
ENGINEER	
Capstone Group C2/3	
Undergraduate CIVIL ENGINEERING DEPARTMENT, BUET	
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Foundation Detail	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
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B-25	

SUMMITTED BY:

Capstone Group C2/3

1804173 - SM Nahian Al Wasi (GL)

1804180 - Samiha Tasneem (DGL)

1804165 - Shoeb Ahmad Tanim

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PROJECTProposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL**CLIENT**PWD (PUBLIC WORKS
DEPARTMENT)**ENGINEER**

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET**CHECKED BY**

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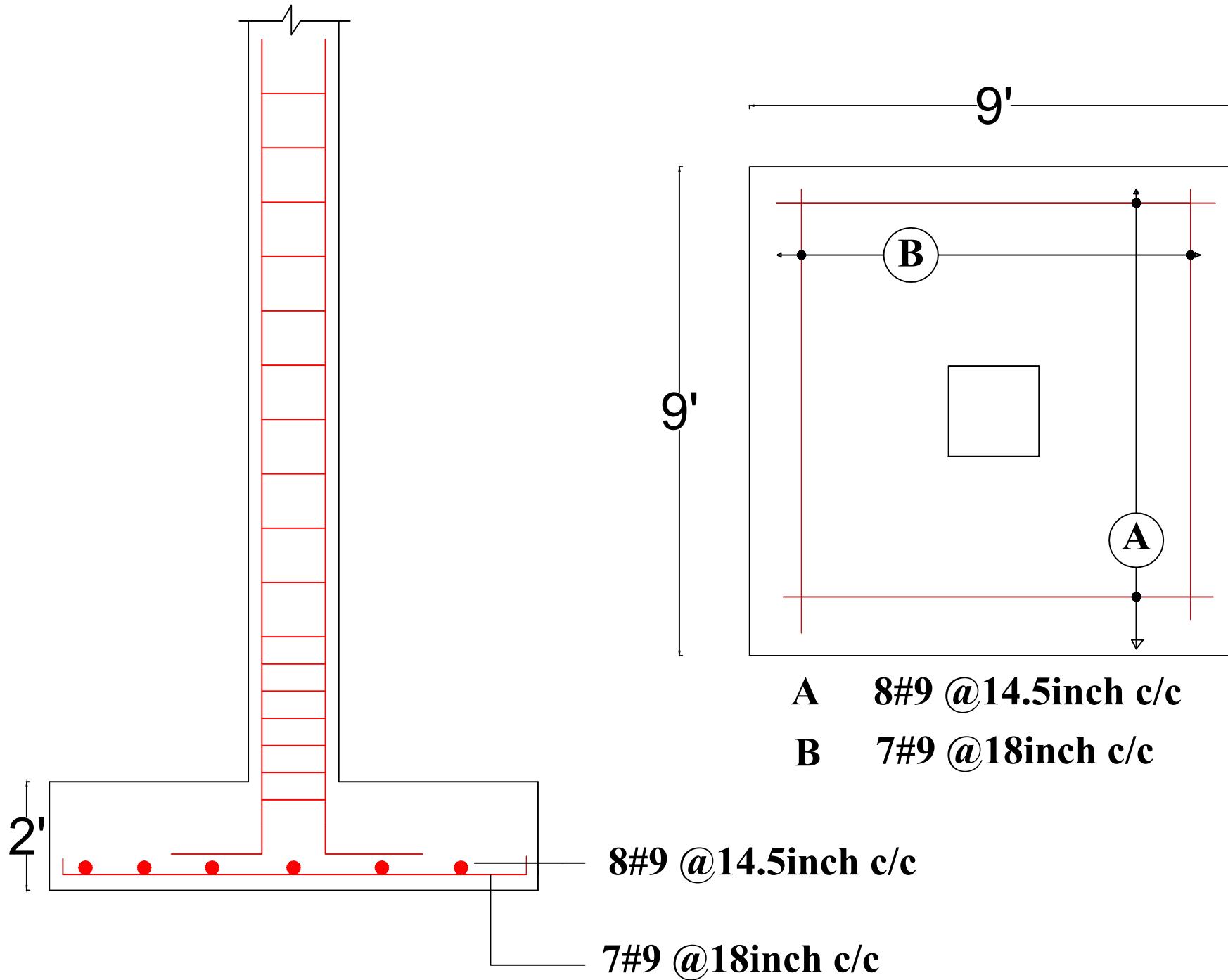
DRAWING TITLE

Foundation Detail

DATE JANUARY -2024**SCALE** NOT TO SCALE**SHEET NO.**

B-26

Academic Building Foundation Detail

**FOOTING TYPE:IS-07**

SUMMITTED BY:

Capstone Group C2/3

1804173 - SM Nahian Al Wasi (GL)
1804180 - Samiha Tasneem (DGL)
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PROJECTProposed Academic Building
for MOHAMMADPUR GOVT.
BOYS HIGH SCHOOL**CLIENT**PWD (PUBLIC WORKS
DEPARTMENT)**ENGINEER**

Capstone Group C2/3

Undergraduate CIVIL ENGINEERING
DEPARTMENT, BUET**CHECKED BY**

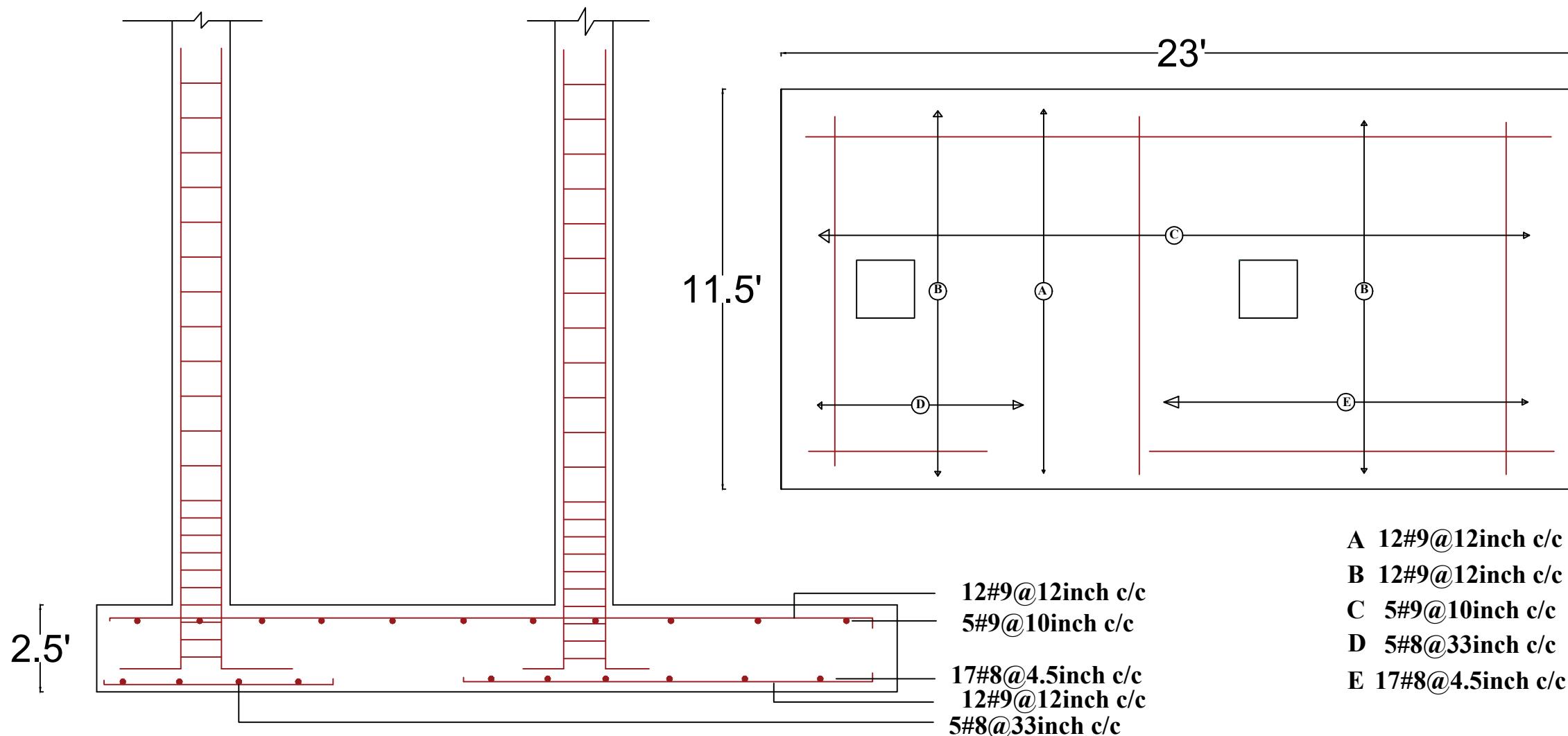
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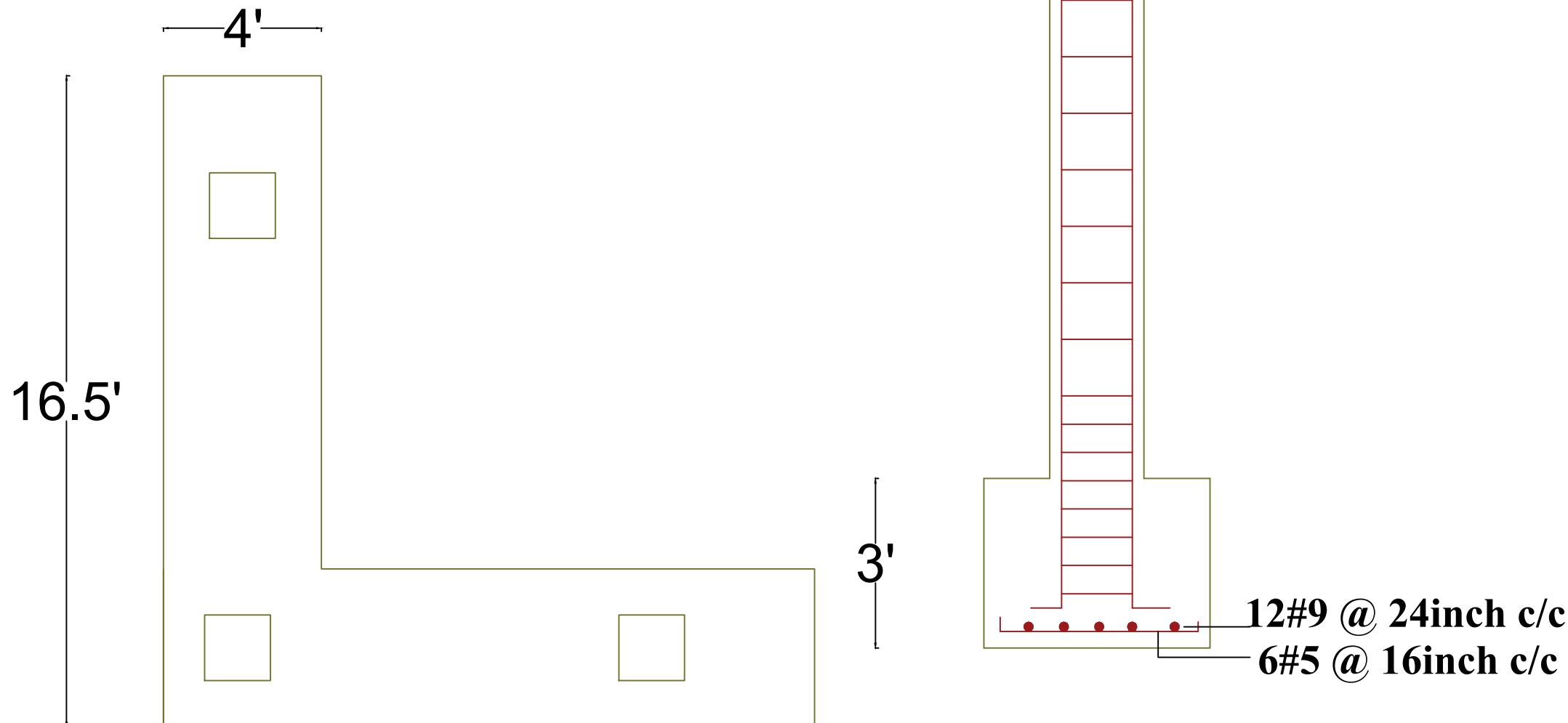
Foundation Detail

DATE JANUARY -2024**SCALE** NOT TO SCALE**SHEET NO.****B-27**

Academic Building Foundation Detail



Academic Building Foundation Detail



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Capstone Group C2/3	
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1804165 - Shoeb Ahmad Tanim	
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PROJECT	
Proposed Academic Building for MOHAMMADPUR GOVT. BOYS HIGH SCHOOL	
CLIENT	
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ENGINEER	
Capstone Group C2/3	
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Foundation Detail	
DATE	JANUARY -2024
SCALE	NOT TO SCALE
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B-28	