

EMIS 34492
GGMS NABI NABI SWABI (M2H)

STRUCTURE

CONSTRUCTION DRAWINGS
SEP-2023

EMIS 34492
GGMS NABI NABI SWABI (M2H)
SEP-2023

| S.No. | DESCRIPTION | DWG.No. |
|-------|--|-------------------|
| 01:- | GENERAL NOTES | P166309-SW-DR-S0A |
| 02:- | GENERAL NOTES | P166309-SW-DR-S0B |
| 03:- | MASTER LAYOUT PLAN | P166309-SW-DR-A00 |
| 04:- | GROUND FLOOR PLAN | P166309-SW-DR-A01 |
| 05:- | FIRST FLOOR PLAN | P166309-SW-DR-A02 |
| 06:- | MUMTY PLAN | P166309-SW-DR-A03 |
| 07:- | FOUNDATION LAYOUT PLAN | P166309-SW-DR-S01 |
| 08:- | FOUNDATION REINFORCEMENT DETAIL | P166309-SW-DR-S02 |
| 09:- | WALLS DETAIL | P166309-SW-DR-S03 |
| 10:- | COLUMN LAYOUT PLAN | P166309-SW-DR-S04 |
| 11:- | SCHEDULE OF COLUMN REINFORCEMENT DETAIL | P166309-SW-DR-S05 |
| 12:- | PLINTH BEAM LAYOUT PLAN | P166309-SW-DR-S06 |
| 13:- | L SECTION OF PLINTH BEAM REINFORCEMENT | P166309-SW-DR-S07 |
| 14:- | FIRST FLOOR BEAM FRAMING LAYOUT PLAN | P166309-SW-DR-S08 |
| 15:- | L SECTION OF FIRST FLOOR BEAM REINFORCEMENT DETAIL | P166309-SW-DR-S09 |
| 16:- | FIRST FLOOR SLAB REINFORCEMENT BOTTOM LAYER | P166309-SW-DR-S10 |
| 17:- | FIRST FLOOR SLAB REINFORCEMENT TOP EXTRA LAYER | P166309-SW-DR-S11 |
| 18:- | ROOF BEAM FRAMING LAYOUT PLAN | P166309-SW-DR-S12 |
| 19:- | L SECTION OF ROOF BEAM REINFORCEMENT | P166309-SW-DR-S13 |
| 20:- | ROOF SLAB REINFORCEMENT BOTTOM LAYER | P166309-SW-DR-S14 |
| 21:- | ROOF SLAB REINFORCEMENT TOP EXTRA LAYER | P166309-SW-DR-S15 |
| 22:- | MUMTY BEAM & SLAB DETAIL | P166309-SW-DR-S16 |
| 23:- | TYPICAL SECTION OF SLAB DETAIL SECTION A-A& B-B | P166309-SW-DR-S17 |
| 24:- | TYPICAL DETAIL OF STAIR | P166309-SW-DR-S18 |
| 25:- | TYPICAL SECTION OF O.H.W.T | P166309-SW-DR-S19 |

INSTRUCTIONS TO CONTRACTOR GENERAL NOTES

1. SYSTEM OF UNITS

- a. ALL DIMENSIONS, SPACING ETC. ARE IN INCHES AND FEET UNLESS OTHERWISE SPECIFIED.
- b. ALL ELEVATIONS ARE IN INCHES & FEET UNLESS OTHERWISE NOTED.

2. CONCRETE

A - FOUNDATION, COLUMN ,BEAM & SLAB CONCRETE USED SHALL BE OF (1: 1½ :3) RATIO WITH MINIMUM COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS SHALL BE 3000 PSI .

3. REINFORCING STEEL

A- ALL REINFORCING STEEL FOR REINFORCED CONCRETE SHALL BE 60,000PSI (GRADE 60) (400MPa)DEFORMED BARS.

B- THE SHEAR REINFORCEMENT(STIRRUPS) IN ALL BEAMS/COLUMNS SHALL BE 60,000 PSI (400MPa)

4. CONCRETE PROTECTION TO REINFORCEMENT

MINIMUM CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SPECIFIED ON THE DRAWING.

4. LAP LENGTH

UNLESS OTHERWISE STATED ON THE DRAWING,THE FOLLOWING LAP LENGTHS SHALL BE PROVIDED.

| fy=60,000 psi | |
|---------------|----------------------|
| Bar Dia | Length of Lap Splice |
| fc'=3000 Psi. | |
| 1/4" | 15" |
| 3/8" | 22" |
| 1/2" | 30" |
| 5/8" | 38" |
| 3/4" | 45" |
| 1" | 60" |

5. LEVELS

THE LEVELS SHOWN ON STRUCTURAL DRAWINGS ARE STRUCTURAL FLOOR LEVELS. COORDINATE LEVELS WITH ARCHITECTURAL DRAWINGS

6. LOCAL ADJUSTMENT

LOCAL ADJUSTMENT TO ACCOMMODATE FIXTURUES/E-MBEDMENTS OPENINGS MAY BE MADE AT SITE BUT SUBJECT TO THE APPROVAL OF THE ENGINEER, AS LONG AS IT WOULD NOT MATERIALLY EFFECT THE DESIGN.

7. TOLERANCES AND DIMENSIONS

BEFORE THE FORM WORK IS LAID AT SITE THE CONTRACTOR MUST VERIFY AND CHECK OVERALL DIMENSIONS/ELEVATION OF THE STRUCTRE GIVEN IN THE STRUCTURAL DRAWINGS TO SEE IF THE FINISHED DIMENSION ELEVATION GIVEN ON THE DRAWING TALLY AFTER PROVIDING THE REQUIRED FINISH.THE ENGINEER REPRESENTATIVE SHALL VERIFY THE MEASUREMENT OF STRUCTURAL SIZES AND ELEVATION BE RECORDED IN RELEVANT POUR STEPS TO BE PUT UP BY THE CONTRACTOR AND TO BE APPROVED BY THE ENGINEER BEFORE EXECUTION PERMISSION TO PROCEED, SHALL NOT BE GRANTED IF DEVIATIONS ARE MORE THAN PERMISSIBLE TOLERANCES.

8. DEVELOPMENT LENGTH (ACI 21.5.4)

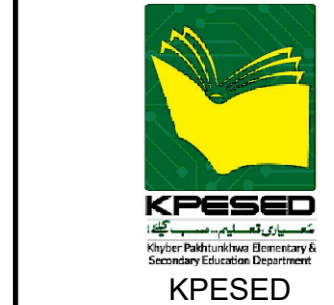
ALL WIRE MESH REINFORCEMENT SHALL BE LAPPED AT LEAST 2 MESH PANELS AND SECURELY TIED. ALL REINFORCING DEVELOPMENT LENGTHS SHALL BE TENSION DEVELOPMENT LENGTHS IN ACCORDANCE WITH THE CURRENT ACI 318 UNLESS NOTED OTHERWISE. REFER TO SCHEDULE BELOW.

(Development length of straight deformed bars or wires, including all modification factor must not be less than 12")

| Development length l_d for Grade 60, Uncoated Reinforcement in Normal Weight Concrete | | | |
|---|-------------------------------------|-----------------|--|
| BAR DIA | DEVELOPMENT LENGTHS (STRAIGHT BARS) | STANDARD HOOKS) | |
| fc'=3000 Psi. | | fc'=3000 Psi. | |
| #2 | 12" | 6" | |
| #3 | 17" | 9" | |
| #4 | 22" | 11" | |
| #5 | 28" | 14" | |
| #6 | 33" | 17" | |

| STRUCTURAL ELEMENT | COVER |
|--------------------|-------|
| FOOTING | 2" |
| COLUMNS & BEAMS | 1 ½" |
| SLABS | 3/4" |

| TABLE DEFLECTION REQUIREMENT FOR BEAM & SLAB PRE CAMBERING OF BEAM& SLABS | | |
|---|---------------|-------|
| SR. NO | SPAN | A |
| 1 | Span to 10 ft | 0.5" |
| 2 | 11 to 15 ft | 0.75" |
| 3 | 16 to 20 ft | 1.0" |
| 4 | 21 to 25 ft | 1.25" |
| 5 | 26 to 30 ft | 1.50" |
| 6 | 31 to 35ft | 1.75" |
| 7 | 36 to 40 ft | 2.0" |
| 8 | 41 to 45 ft | 2.25" |



PROJECT TITLE
KPHCIP SCHOOLS PROJECT

SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
GENERAL NOTES

DATE
Aug. 2023

DESIGNED BY
Engr Hassan Sabri

SCALE
A1 NONE A3 NONE

CHECKED BY
Anjum Saeed

DRAWN BY
IKRAM

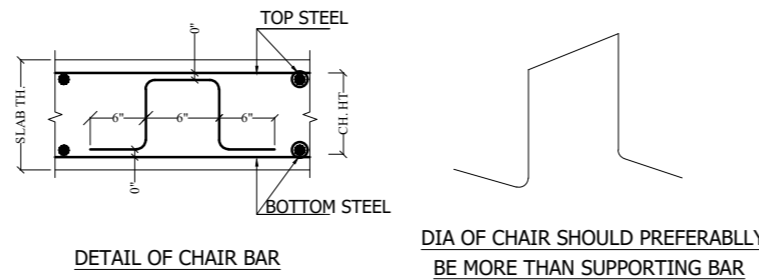
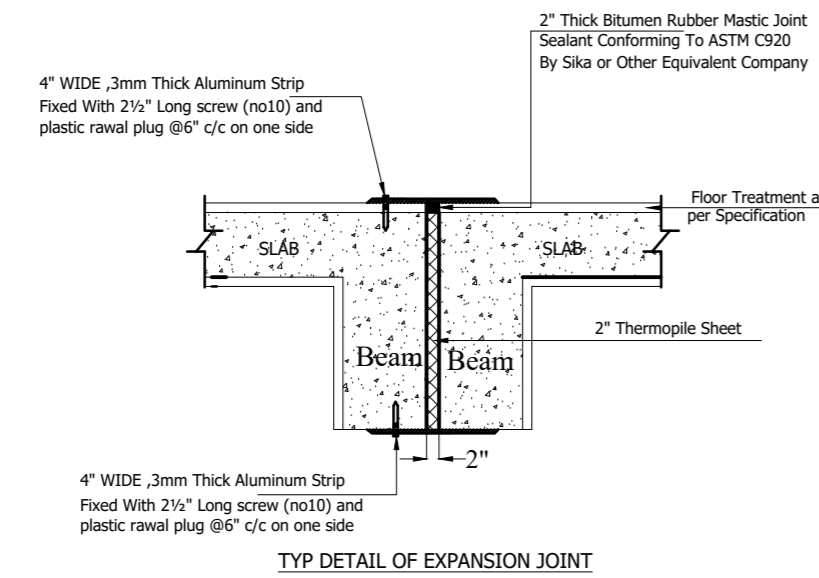
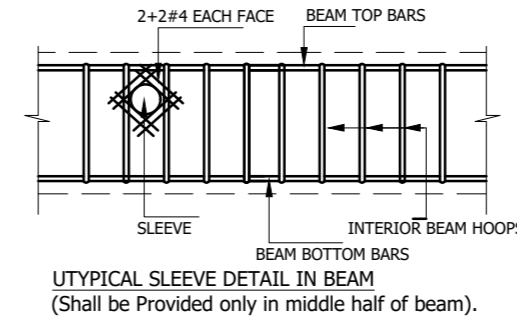
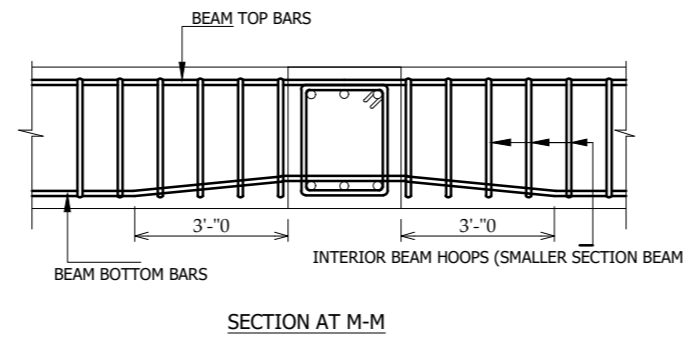
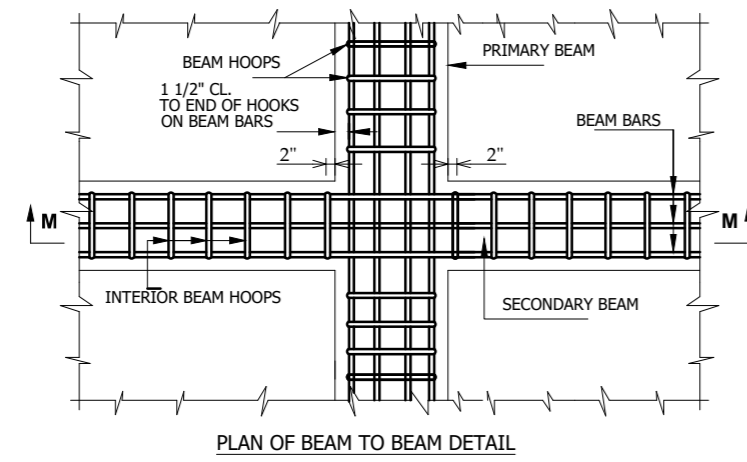
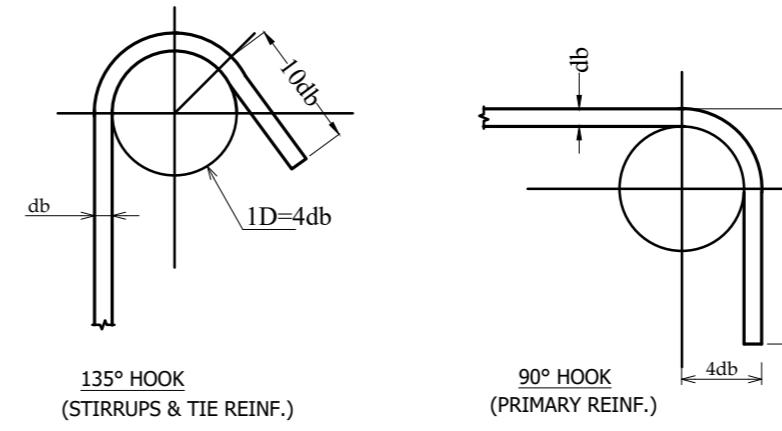
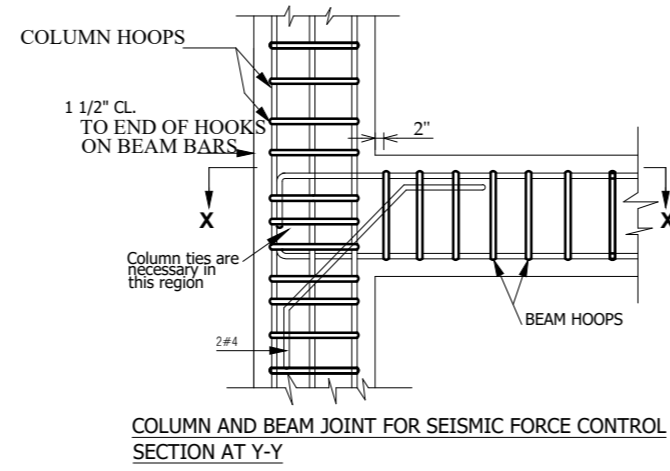
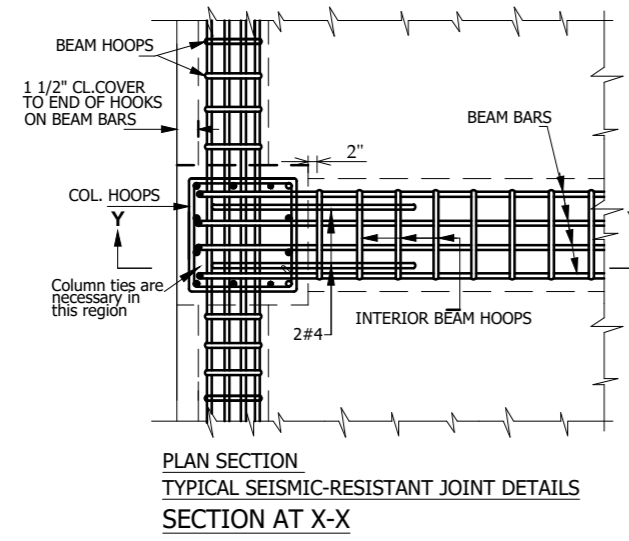
APPROVED BY
USMAN MOOSA

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S0A

FILE NAME
PROJECT NUMBER
SHEET NO.
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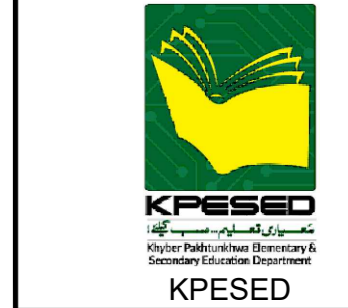
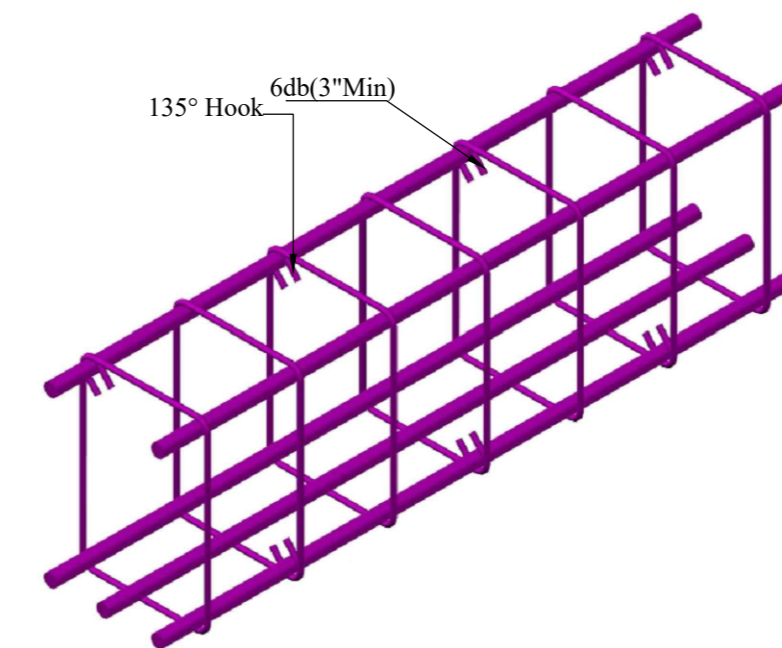
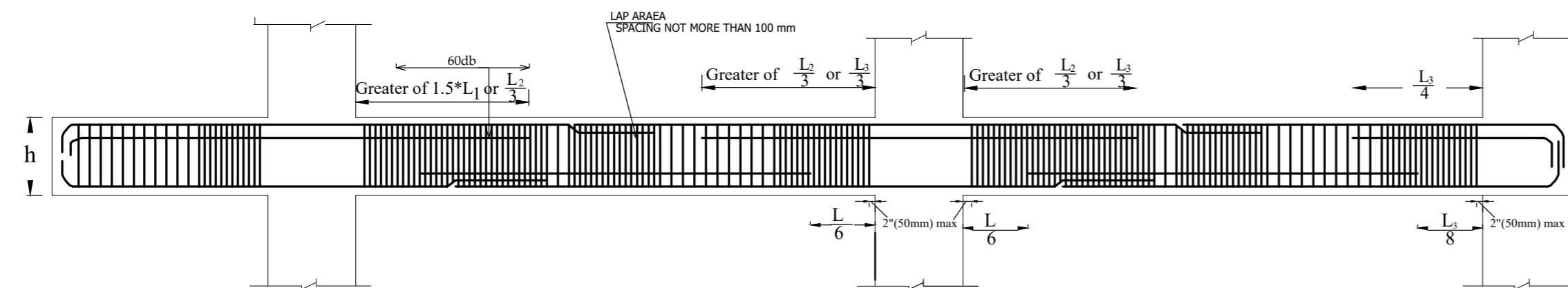
GENERAL DETAILS



- CHAIR BARS SHOULD AT LEAST EQUAL TO THE DIA OF TOP STEEL USED.
- SPACING OF CHAIR BARS SHOULD NOT BE MORE THAN 48" & SHOULD BE STAGGERED.
- REFER TO SECTION OF CHAIR BAR FOR BETTER UNDERSTANDING.

REINFORCEMENT IN LINTELS FOR DOOR, WINDOWS/ VENTILATORS

| | LINTEL | TOP REINFORCEMENT | BOTTOM REINFORCEMENT | STIRRUPS |
|-------------|-----------|-------------------|----------------------|-----------|
| Wall 4 1/2" | 4 1/2"x6" | 2-#3 | 2-#3 | #3@9" C/C |
| Wall 9" | 9"x9" | 2-#4 | 2-#4 | #3@9" C/C |
| Wall 12" | 12"x12" | 3-#4 | 3-#4 | #3@9" C/C |



PROJECT TITLE



SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

NOTE

NO.

DESCRIPTION

DATE

APPR.

REVISIONS

NEC-SUNJIN JV



NATIONAL ENGINEERING CORPORATION

SUNJIN
ENGINEERING & ARCHITECTURE

DRAWING TITLE

ISSUED FOR CONSTRUCTION

NAME OF DRAWING

GENERAL DETAILS

DATE

DESIGNED BY

Aug. 2023 Engr Hassan Sabri

SCALE

A1 NONE A3 NONE

CHECKED BY

Anjum Saeed

DRAWN BY

IKRAM

APPROVED BY

USMAN MOOSA

KPHCIP Representative:

Engr. ZIA

DRAWING NO.

P166309-SW-DR-S0B

FILE NAME

SHEET NO.

PROJECT NUMBER

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MASTER LAYOUT PLAN

34492 GGMS NABI SWABI

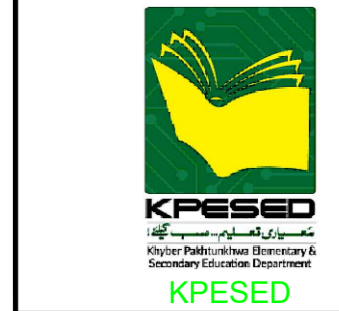


LEGEND

| | | |
|-----|-------------|---------|
| 1. | BOUNDARY | |
| 2. | BUILDING | |
| 3. | BOR HOLE | |
| 4. | QABAR | |
| 5. | BATH | |
| 6. | TREE | |
| 7. | GATE | |
| 8. | SEPTIC TANK | |
| 9. | ROAD | |
| 10. | BANCH MARK | |
| 11. | LEVEL | 977.732 |

NOTES

- 1 - ALL DIMENSIONS, ELEVATIONS & COORDINATES ARE IN FEET
- 2 - ALL CONTROL POINTS ARE MARKED WITH RED PAINT.
- 3 - X IS THE PLACE OF SPOT LEVEL.
- 4 - MAIN BENCH MARK IS BM_1 CO ORDINATES ARE EASTING 840448.81 NORTHING 12352430.91 AND ELEVATION 977.732



SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

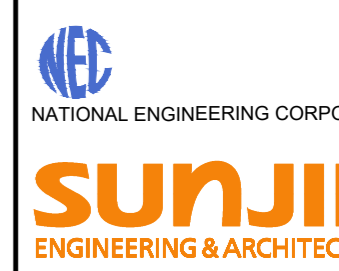
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NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
MASTER PLAN

DATE
Aug. 2023

DESIGNED BY
Engr Hassan Sabri

SCALE
A1 NONE A3 NONE

CHECKED BY
Anjum Saeed

DRAWN BY
IKRAM

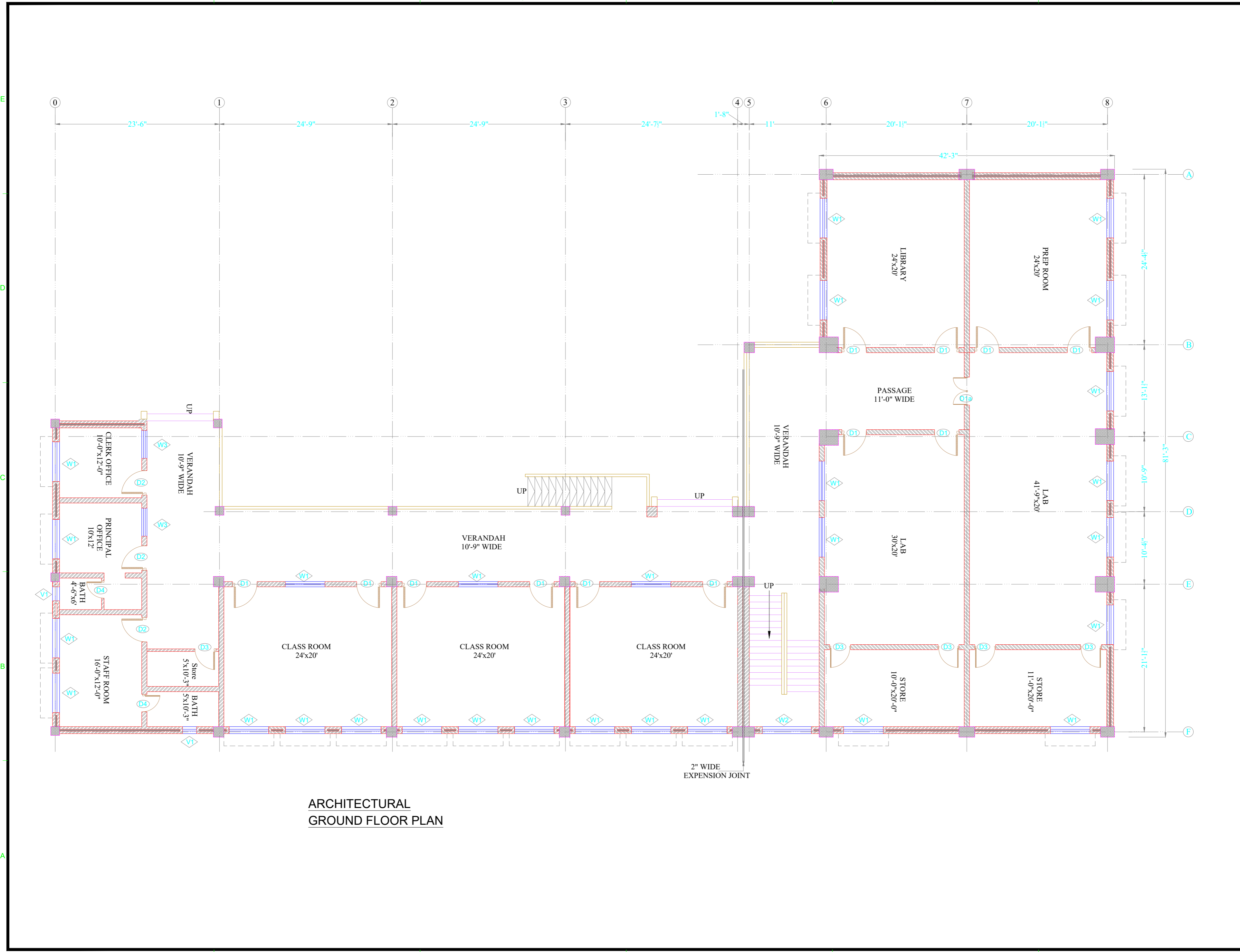
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USMAN MOOSA

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-A00

FILE NAME
PROJECT NUMBER

SHEET NO.
000



ARCHITECTURAL
GROUND FLOOR PLAN



KPSED
Khyber Pakhtunkhwa Secondary & Secondary Education Department



KPHCIP SCHOOLS PROJECT

SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

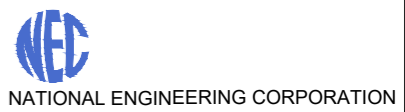
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NEC-SUNJIN JV



SUNJIN
ENGINEERING & ARCHITECTURE

DRAWING TITLE
ISSUED FOR CONSTRUCTION

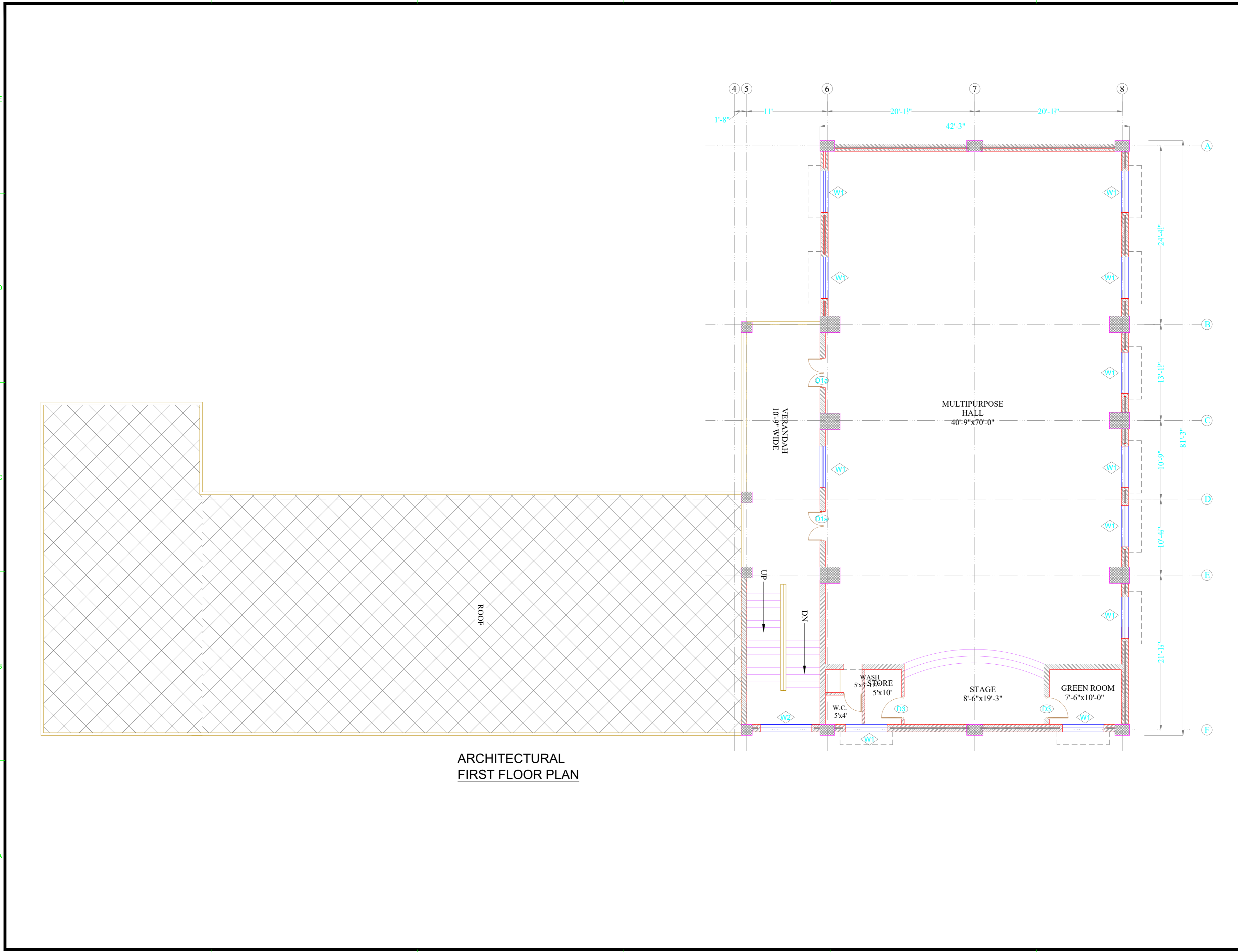
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GROUND FLOOR PLAN

| | |
|--------------------------|----------------------------------|
| DATE Aug. 2023 | DESIGNED BY Engr Hassan Sabri |
| SCALE A1 NONE A3 NONE | CHECKED BY Anjum Saeed |
| DRAWN BY IKRAM | APPROVED BY USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-A02

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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |



ARCHITECTURAL
FIRST FLOOR PLAN



KPSED
Khyber Pakhtunkhwa Secondary &
Secondary Education Department



**KPHCIP
SCHOOLS PROJECT**

SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

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REVISIONS

NEC-SUNJIN JV
NEC
NATIONAL ENGINEERING CORPORATION



DRAWING TITLE
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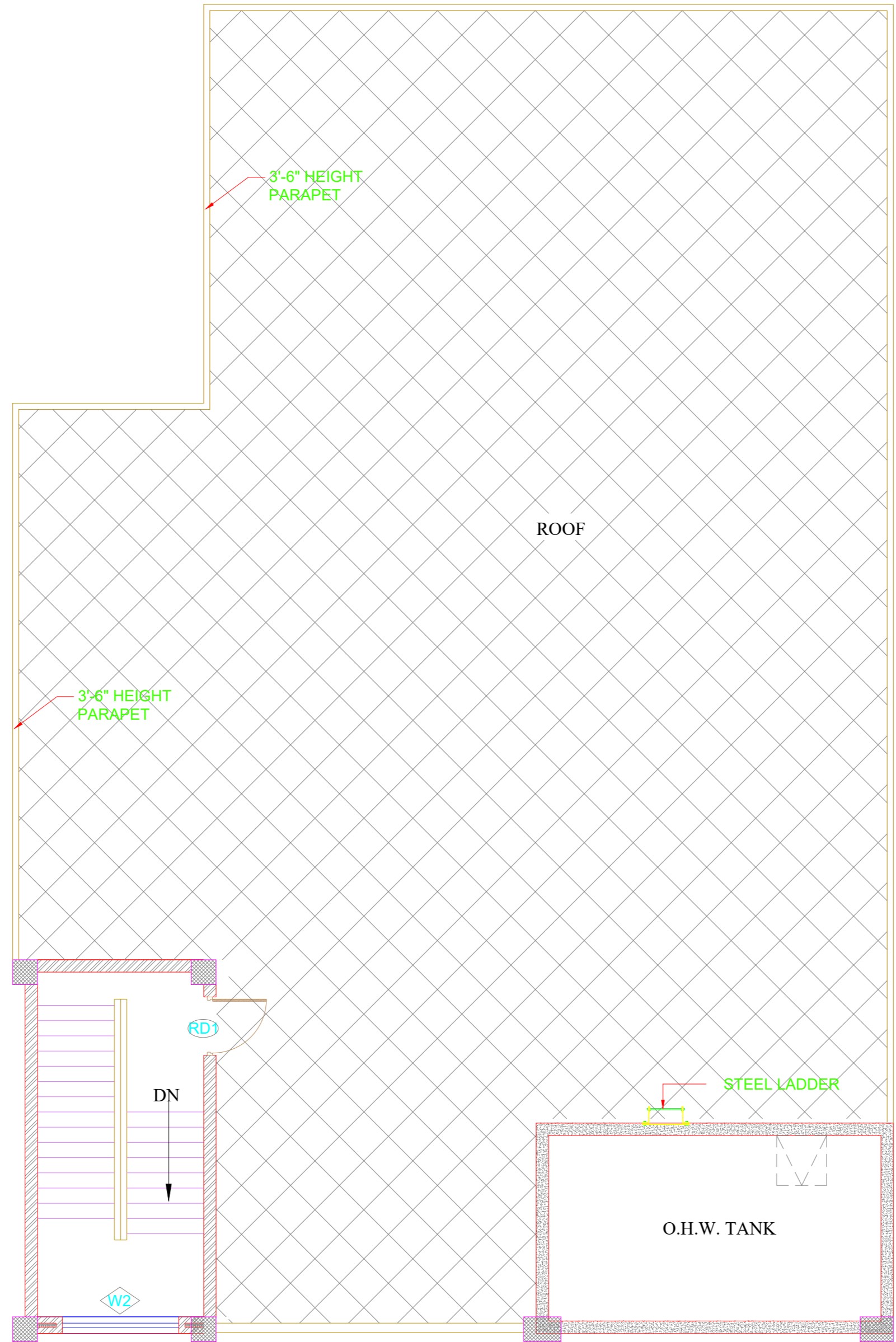
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FIRST FLOOR

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| DATE Aug. 2023 | DESIGNED BY Engr Hassan Sabri |
| SCALE A1 NONE A3 NONE | CHECKED BY Anjum Saeed |
| DRAWN BY IKRAM | APPROVED BY USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-A02

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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |



MUMTY PLAN



KPSED
 Khyber Pakhtunkhwa Secondary &
 Secondary Education Department



KPHCIP
SCHOOLS PROJECT

SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

NOTE

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REVISIONS

NEC-SUNJIN JV



NATIONAL ENGINEERING CORPORATION



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
MUMTY PLAN

DATE
 Aug. 2023

DESIGNED BY
 Engr Hassan Sabri

SCALE
 A1 NONE A3 NONE

CHECKED BY
 Anjum Saeed

DRAWN BY
 IKRAM

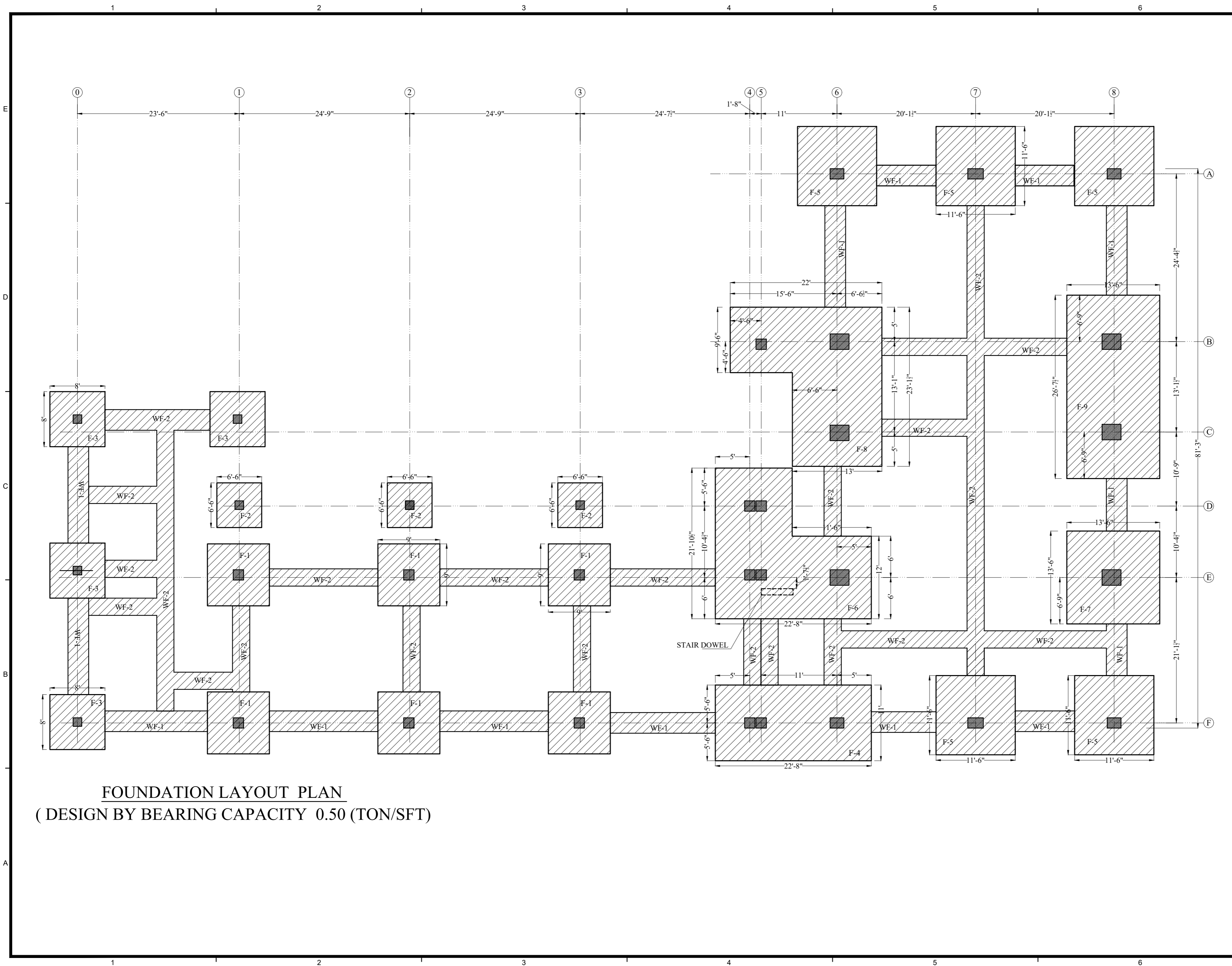
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 USMAN MOOSA

KPHCIP Representative:
 Engr. ZIA

DRAWING NO.
 P166309-SW-DR-A03

FILE NAME
 PROJECT NUMBER

SHEET NO.
 000



FOUNDATION LAYOUT PLAN
 (DESIGN BY BEARING CAPACITY 0.50 (TON/SFT))



KPSED
 Khyber Pakhtunkhwa Elementary &
 Secondary Education Department



KPHCIP
SCHOOLS PROJECT

SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

NOTE

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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
FOUNDATION LAYOUT PLAN

DATE
 Aug. 2023

DESIGNED BY
 Engr Hassan Sabri

SCALE
 A1 NONE A3 NONE

CHECKED BY
 Anjum Saeed

DRAWN BY
 IKRAM

APPROVED BY
 USMAN MOOSA

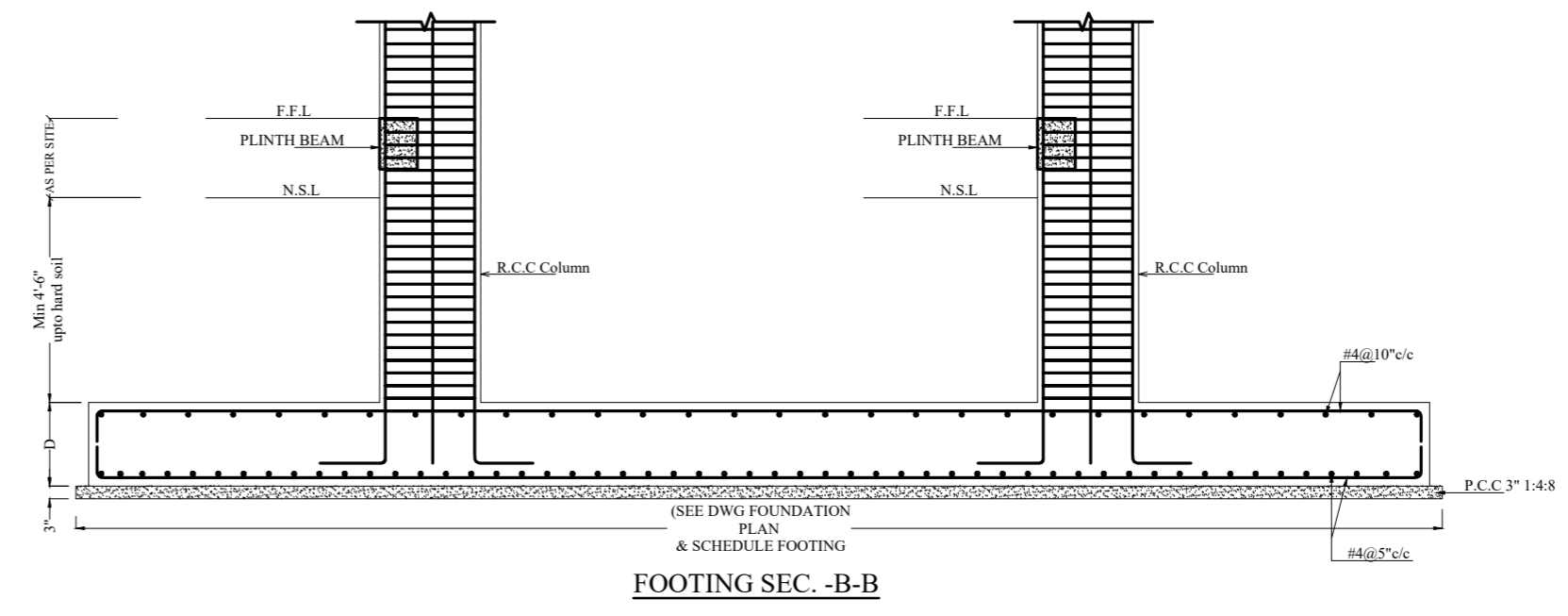
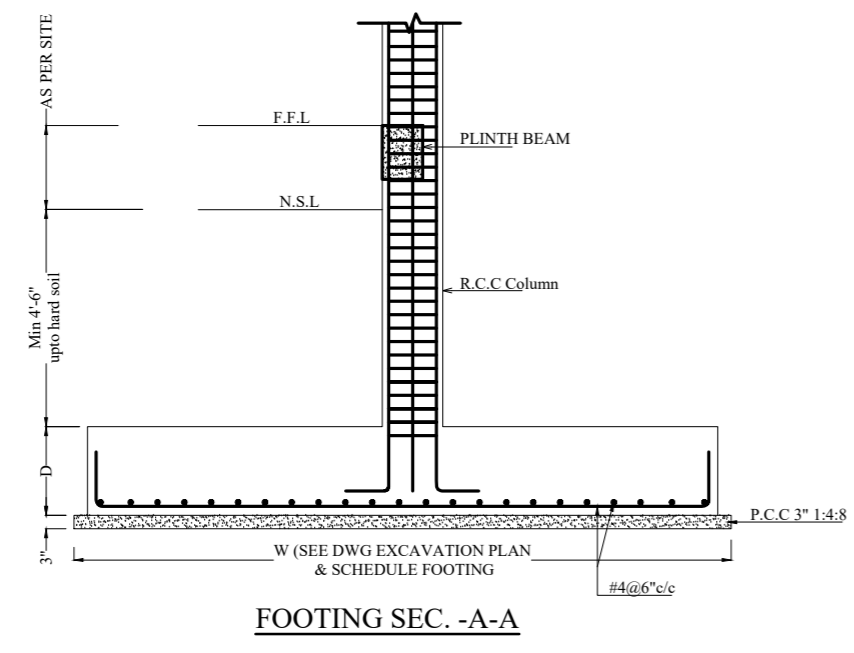
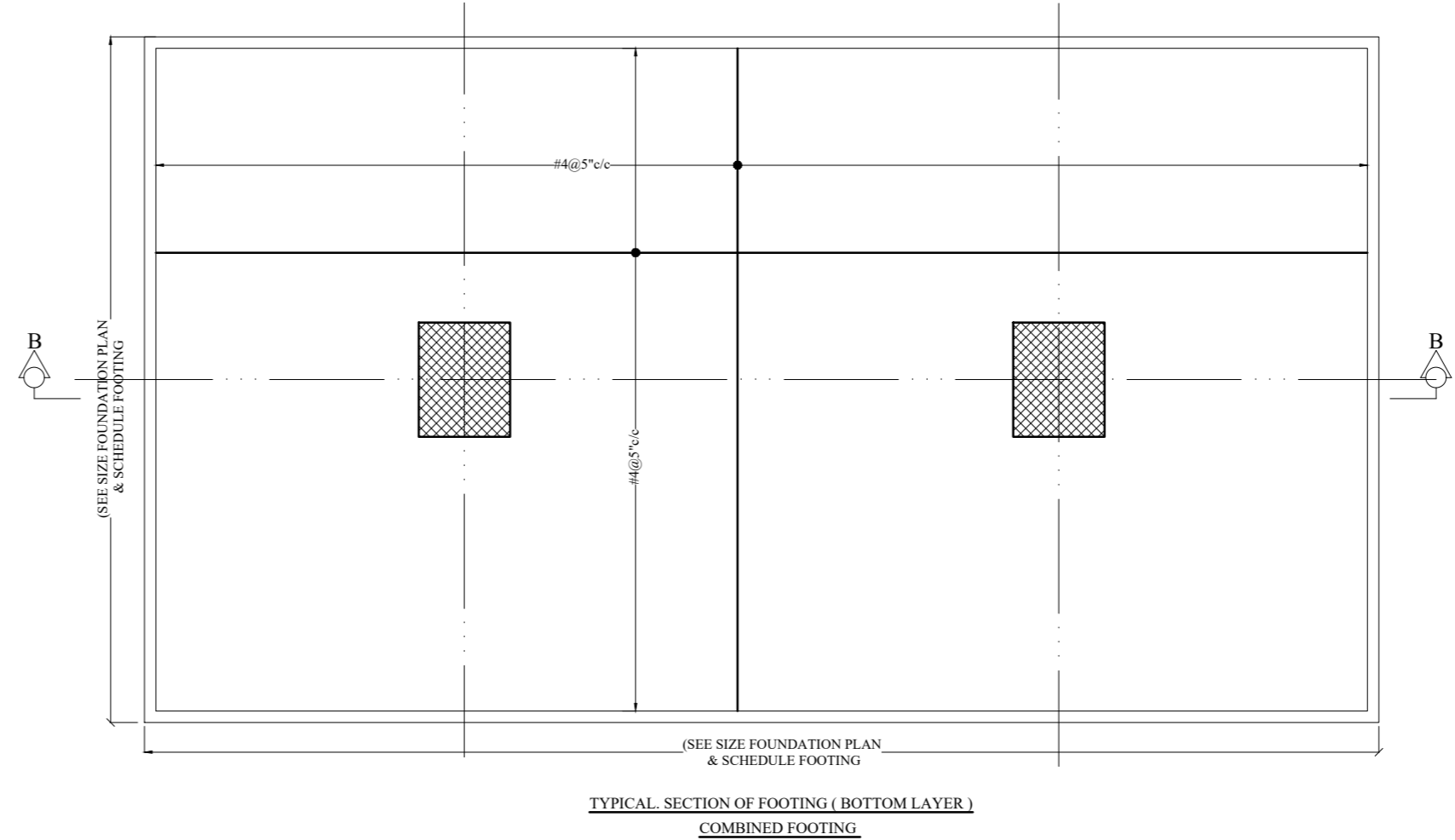
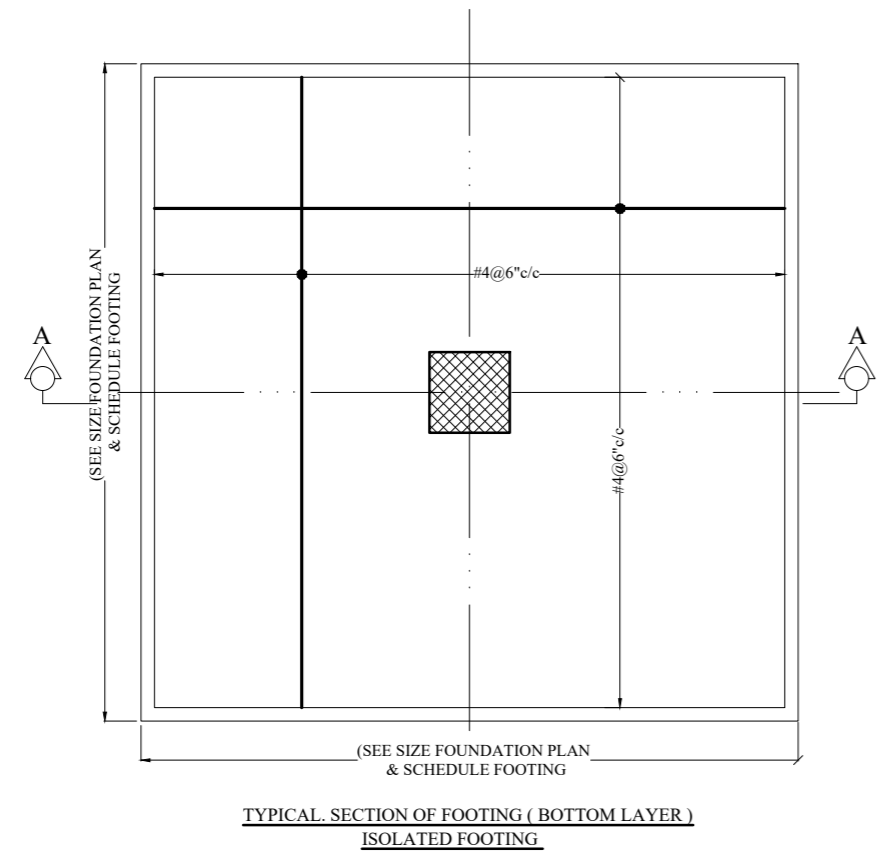
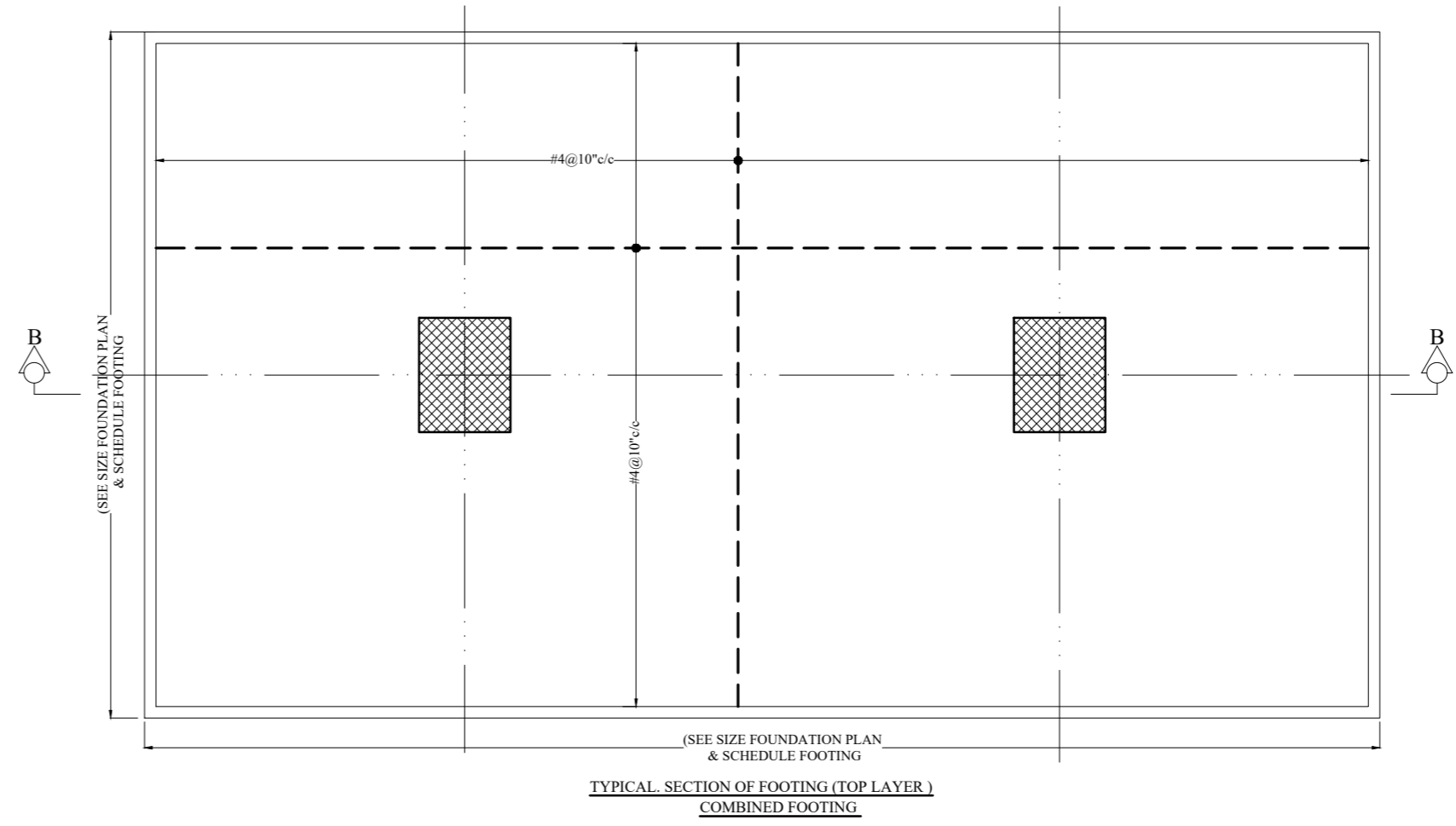
KPHCIP Representative:
 Engr. ZIA


DRAWING NO.
 P166309-SW-DR-S01

FILE NAME
 PROJECT NUMBER

SHEET NO.
 000


| SCHEDULE OF FOOTING (BEARING CAPACITY 0.50 TON /SFT) | | | | |
|--|----------------|------------------------------|----------------------|-------------------|
| S.R | FOOTING NUMBER | SIZE | BOTTOM REINFORCEMENT | TOP REINFORCEMENT |
| 01 | F-1 | 9'-0" x 9'-0" x D-12" | # 4 @ 6" c / c | × |
| 02 | F-2 | 6'-6" x 6'-6" x D-12" | # 4 @ 6" c / c | × |
| 03 | F-3 | 8'-0" x 8'-0" x D-12" | # 4 @ 6" c / c | × |
| 04 | F-4 | 22'-8" x 11'-0" x D-21" | # 4 @ 5" c / c | # 4 @ 10" c / c |
| 05 | F-5 | 11'-6" x 11'-6" x D-15" | # 4 @ 6" c / c | × |
| 06 | F-6 | see plan" x See plan x D-15" | # 4 @ 5" c / c | # 4 @ 10" c / c |
| 07 | F-7 | 13'-6" x 13'-6" x D-24" | # 4 @ 6" c / c | × |
| 08 | F-8 | see plan" x See plan x D-15" | # 4 @ 5" c / c | # 4 @ 10" c / c |
| 09 | F-9 | 13'-6" x 267½'-0" x D-24" | # 4 @ 5" c / c | # 4 @ 10" c / c |





KPESD
Khyber Pakhtunkhwa Elementary & Secondary Education Department

PROJECT TITLE



KPHCIP SCHOOLS PROJECT

SCHOOL NAME

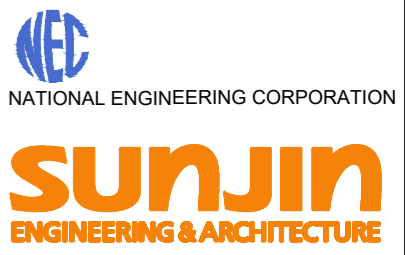
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

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REVISIONS

NEC-SUNJIN JV



SUNJIN
ENGINEERING & ARCHITECTURE

DRAWING TITLE

ISSUED FOR CONSTRUCTION

NAME OF DRAWING

**FOUNDATION REINFORCEMENT
DETAIL**

| | |
|-----------------|-------------------|
| DATE | DESIGNED BY |
| Aug. 2023 | Engr Hassan Sabri |
| SCALE | CHECKED BY |
| A1 NONE A3 NONE | Anjum Saeed |
| DRAWN BY | APPROVED BY |
| IKRAM | USMAN MOOSA |

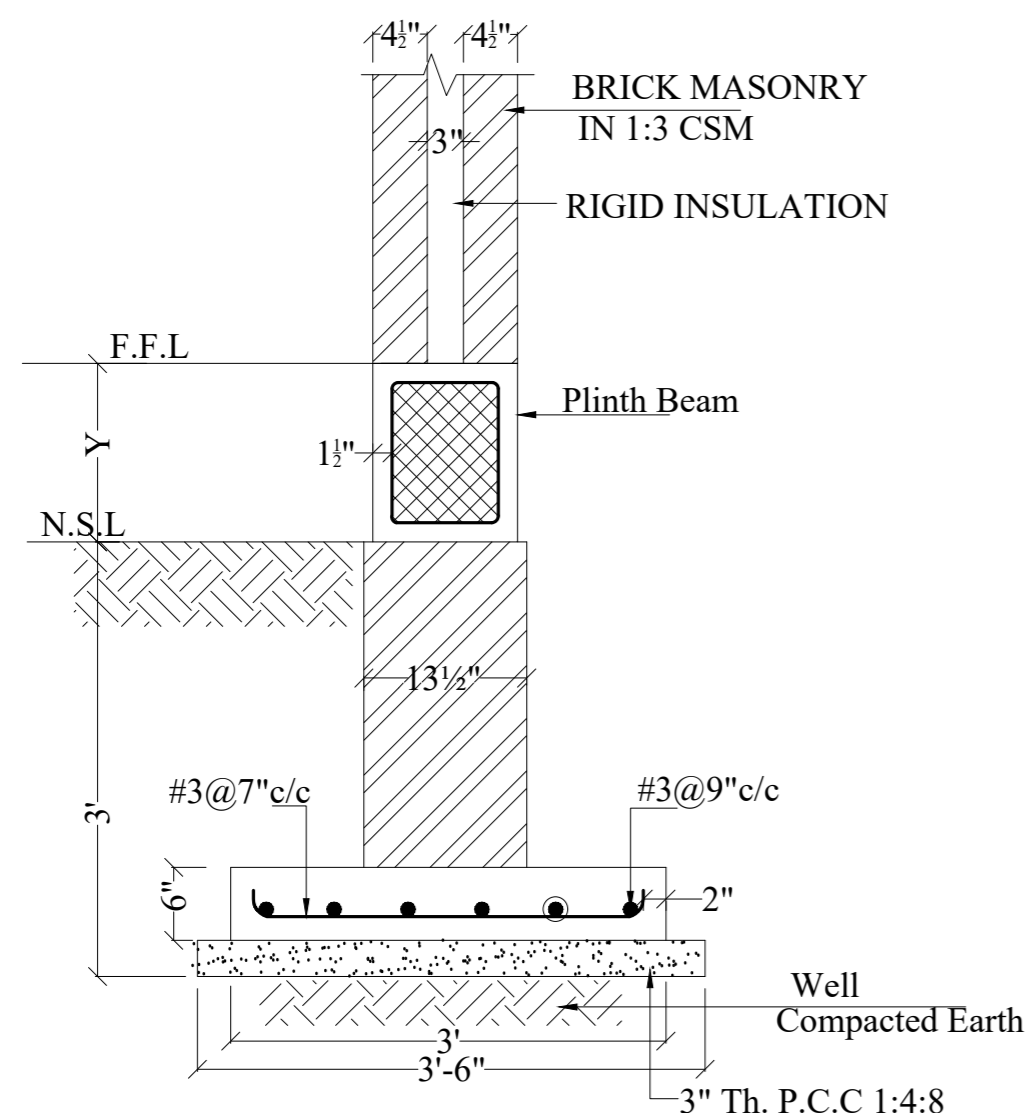
KPHCIP Representative:

Engr. ZIA

DRAWING NO.

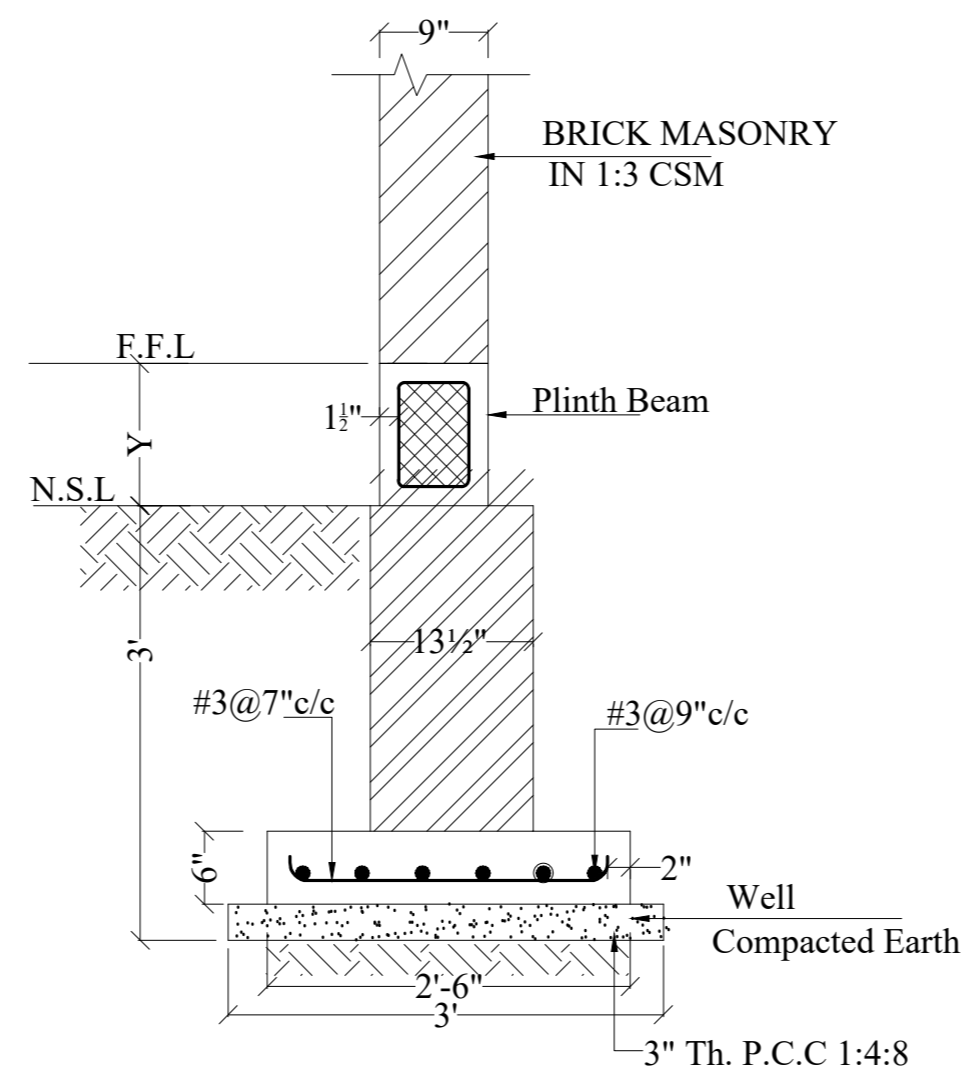
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| PROJECT NUMBER | 000 |



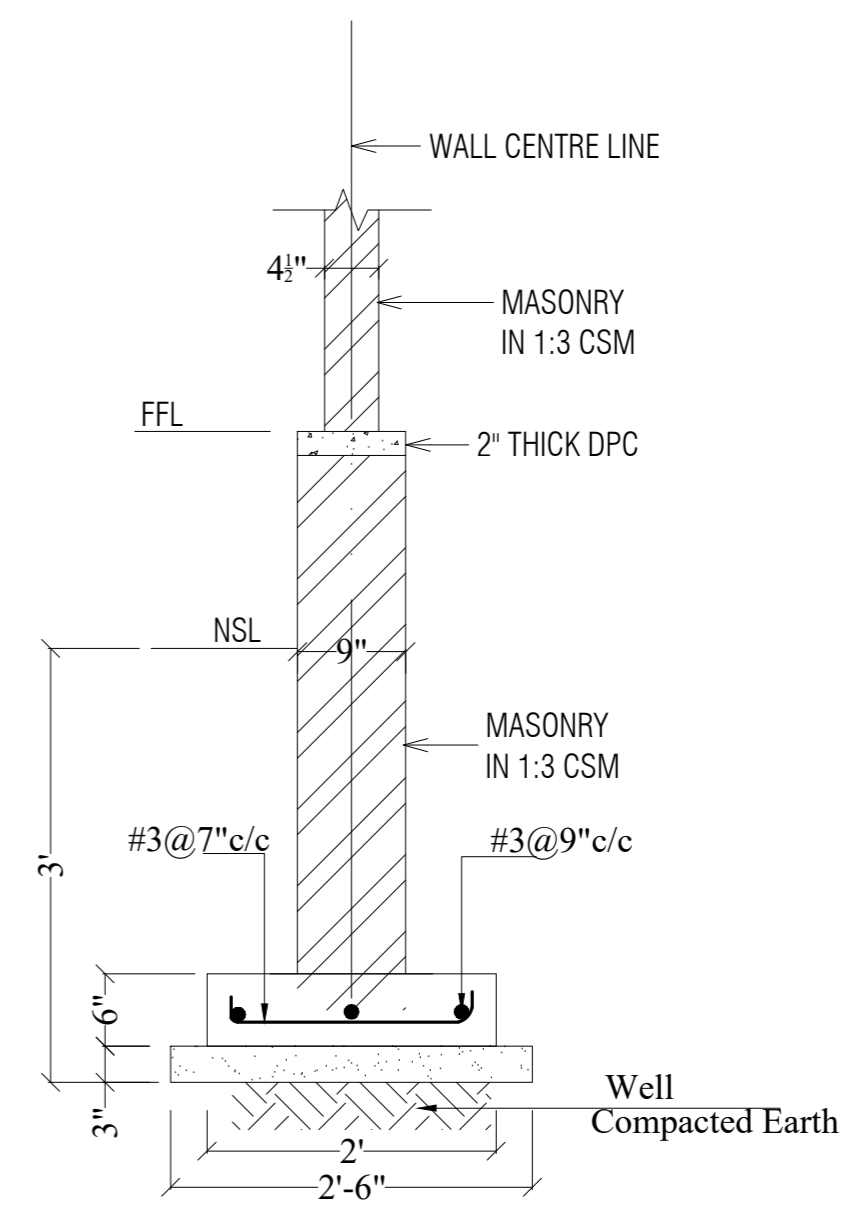
WF-1
TYPICAL SECTION OF EXTERNAL WALLS
SECTION A-A

NOTE: THE FOOTING PAD IS SYMMETRIC AT WALL CENTER LINE



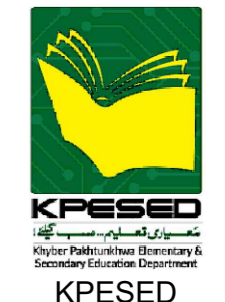
WF-2
TYPICAL SECTION OF INTERNAL WALLS
SECTION B-B

NOTE: THE FOOTING PAD IS SYMMETRIC AT WALL CENTER LINE



4 1/2" WALL
RCC FOOTING
NOTE: THE FOOTING PAD IS SYMMETRIC AT WALL CENTER LINE

1. NSL refers to natural surface level and not made-up ground or fill level.
2. The foundation pad shall be kept on firm strata at least 3'-0" below NSL.
3. The distance "y" above NSL up to FFL is variable. The site engineer shall decide this distance based on ground conditions and recommendation of geotechnical engineer. In any case the distance "y" shall not be more than 3 feet or if required prior approval from the consultant shall be required. If more than 10 feet excavation is required, the consultant shall be informed to make appropriate revision in the design.
4. External walls below the plinth beam can be used to retain fill material upto 10 feet depth. For larger depths, proper retaining wall shall be used.
5. CSM (1 :3) stands for cement sand mortar with 1 part of cement and 3 parts of sand.



PROJECT TITLE
KPHCIP SCHOOLS PROJECT
SCHOOL NAME
EMIS- 34492
GGMS NABI SWABI

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

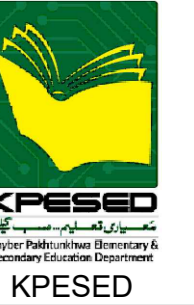
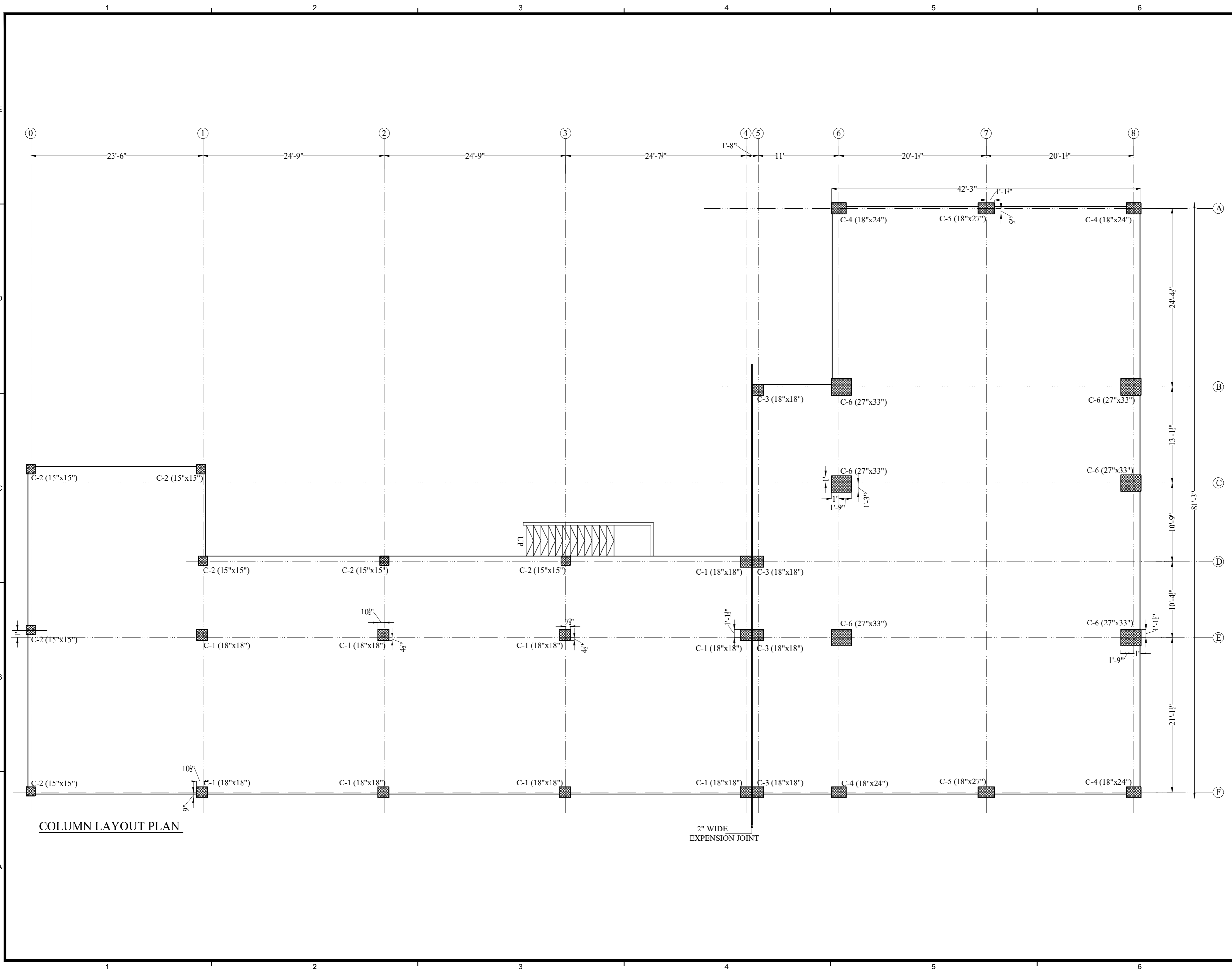
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NEC-SUNJIN JV
NATIONAL ENGINEERING CORPORATION
SUNJIN
ENGINEERING & ARCHITECTURE

DRAWING TITLE
ISSUED FOR CONSTRUCTION
NAME OF DRAWING
WALL DETAIL

| | |
|--------------------------|----------------------------------|
| DATE Aug. 2023 | DESIGNED BY Engr Hassan Sabri |
| SCALE A1 NONE A3 NONE | CHECKED BY Anjum Saeed |
| DRAWN BY IKRAM | APPROVED BY USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA
DRAWING NO.
P166309-SW-DR-S03
FILE NAME
PROJECT NUMBER
SHEET NO.
000



PROJECT TITLE
KPHCIP SCHOOLS PROJECT

SCHOOL NAME
**EMIS- 34492
 GGMS NABI
 SWABI**

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
COLUMN LAYOUT PLAN

DATE
 Aug. 2023

DESIGNED BY
 Engr Hassan Sabri

SCALE
 A1 NONE A3 NONE

CHECKED BY
 Anjum Saeed

DRAWN BY
 IKRAM

APPROVED BY
 USMAN MOOSA

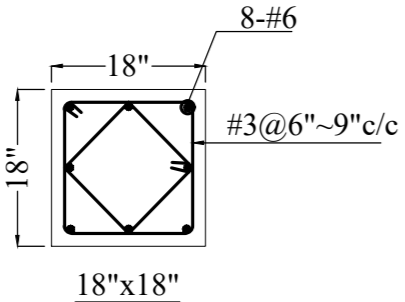
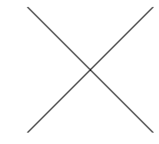
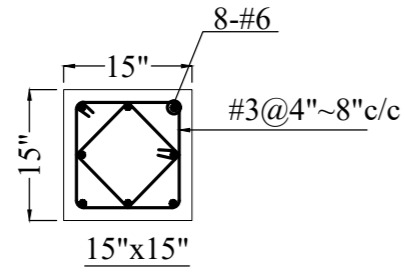
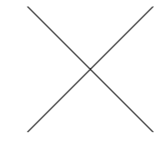
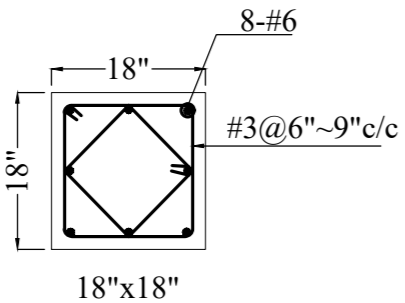
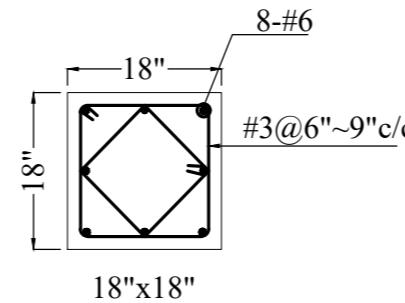
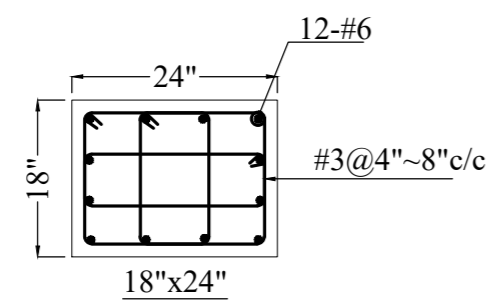
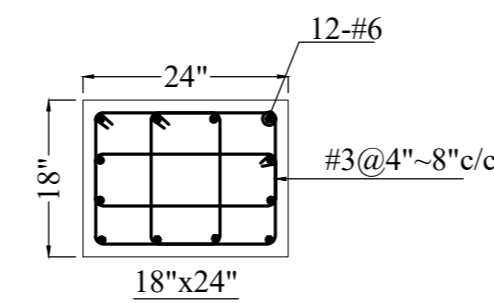
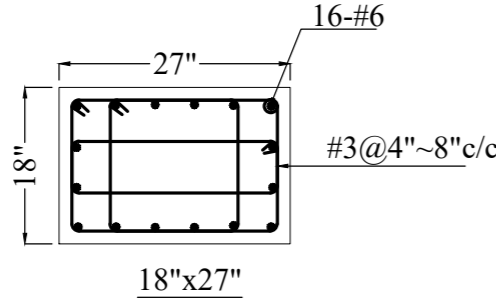
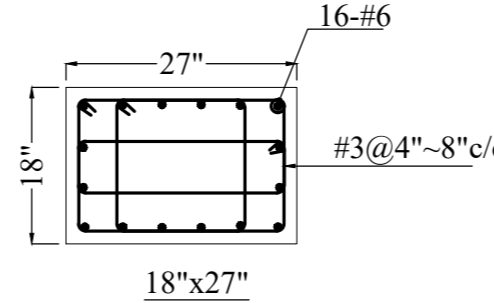
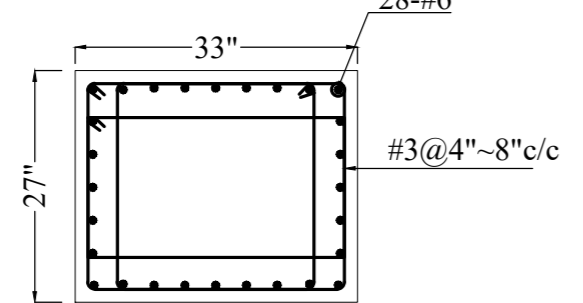
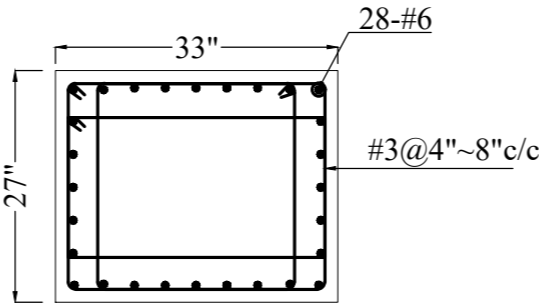
KPHCIP Representative:
 Engr. ZIA

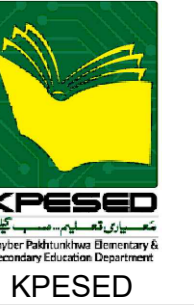
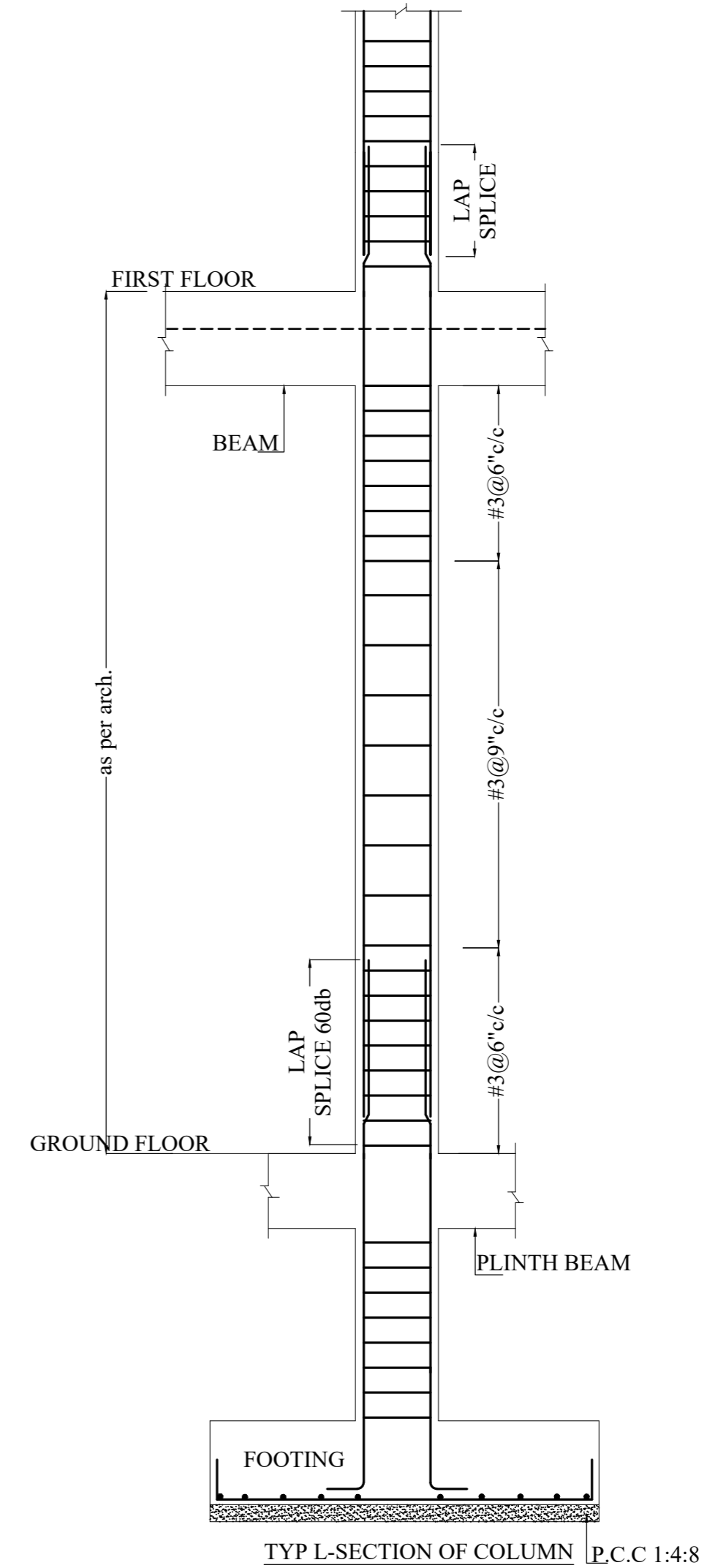
DRAWING NO.
 P166309-SW-DR-S04

FILE NAME
 PROJECT NUMBER

SHEET NO.
 000

SCHEDULE OF COLUMN

| S.R # | GROUND TO FIRST FLOOR | FIRST FLOOR TO 2ND FLOOR ROOF |
|-------|--|--|
| C-1 |  <p>18"x18"</p> |  |
| C-2 |  <p>15"x15"</p> |  |
| C-3 |  <p>18"x18"</p> |  <p>18"x18"</p> |
| C-4 |  <p>18"x24"</p> |  <p>18"x24"</p> |
| C-5 |  <p>18"x27"</p> |  <p>18"x27"</p> |
| C-6 |  <p>C-5 27"x33"</p> |  <p>C-5 27"x33"</p> |



PROJECT TITLE
KPHCIP SCHOOLS PROJECT

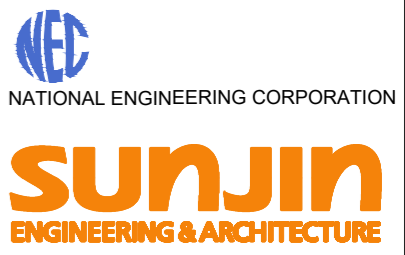
SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

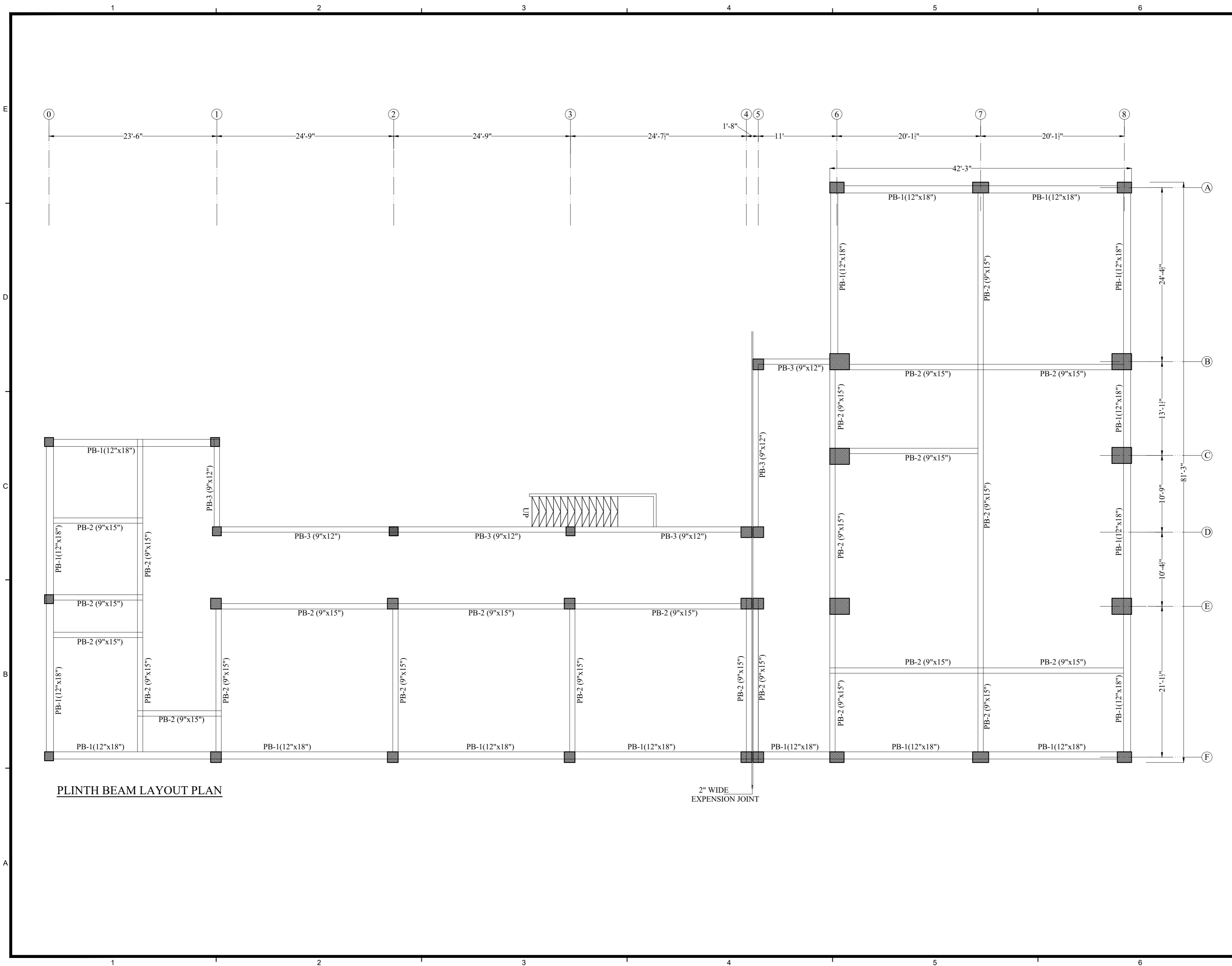
NAME OF DRAWING
SCHEDULE OF COLUMN REINFORCEMENT DETAIL

| | |
|--------------------------|----------------------------------|
| DATE Aug. 2023 | DESIGNED BY Engr Hassan Sabri |
| SCALE A1 NONE A3 NONE | CHECKED BY Anjum Saeed |
| DRAWN BY IKRAM | APPROVED BY USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S05

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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |



KPSED
Khyber Pakhtunkhwa Secondary Education Department



KPHCIP SCHOOLS PROJECT

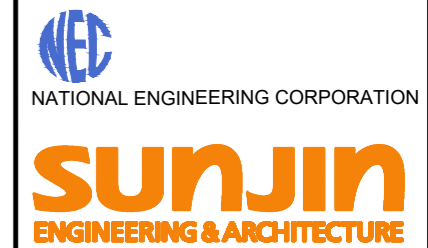
SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
PLINTH BEAM LAYOUT PLAN

| | |
|-----------|-------------------|
| DATE | DESIGNED BY |
| Aug. 2023 | Engr Hassan Sabri |

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| SCALE | CHECKED BY |
| A1 NONE A3 NONE | Anjum Saeed |

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| DRAWN BY | APPROVED BY |
| IKRAM | USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S06

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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |



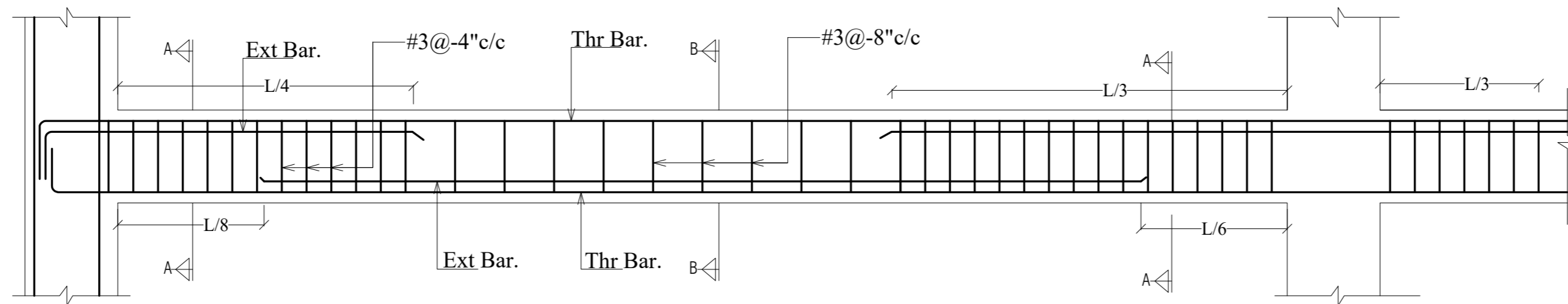
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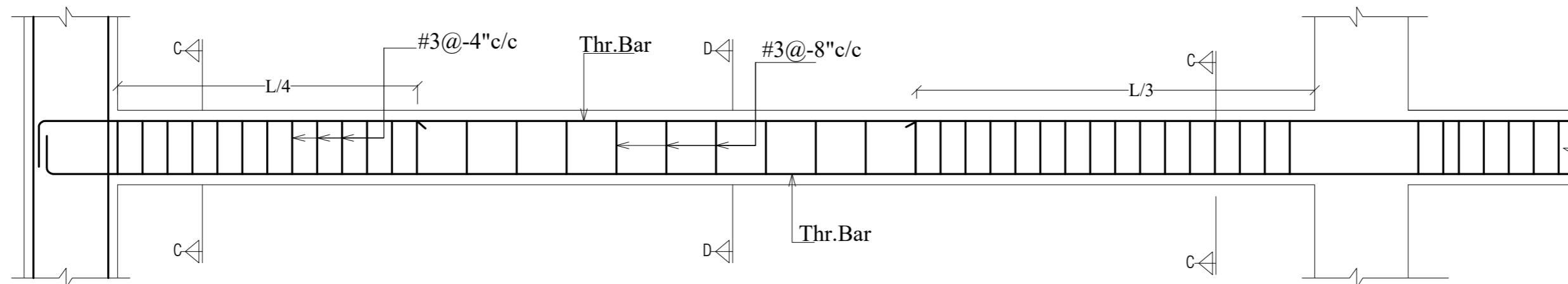
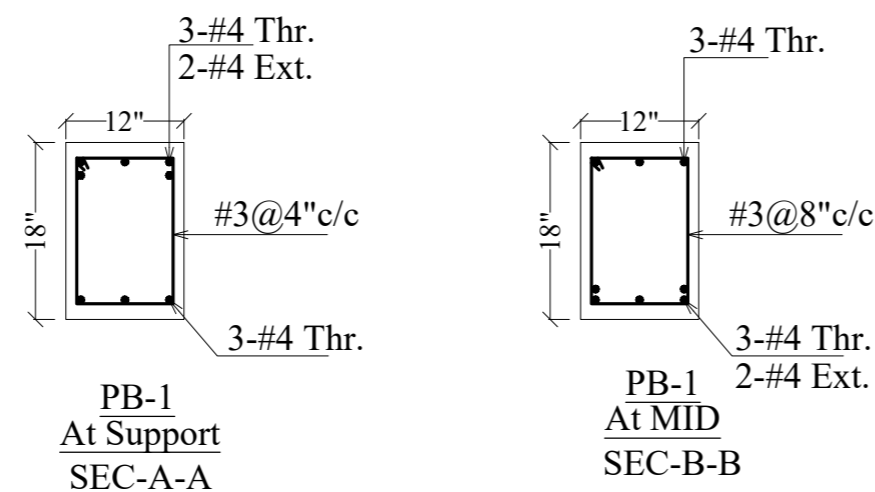
KPHCIP
SCHOOLS PROJECT

SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

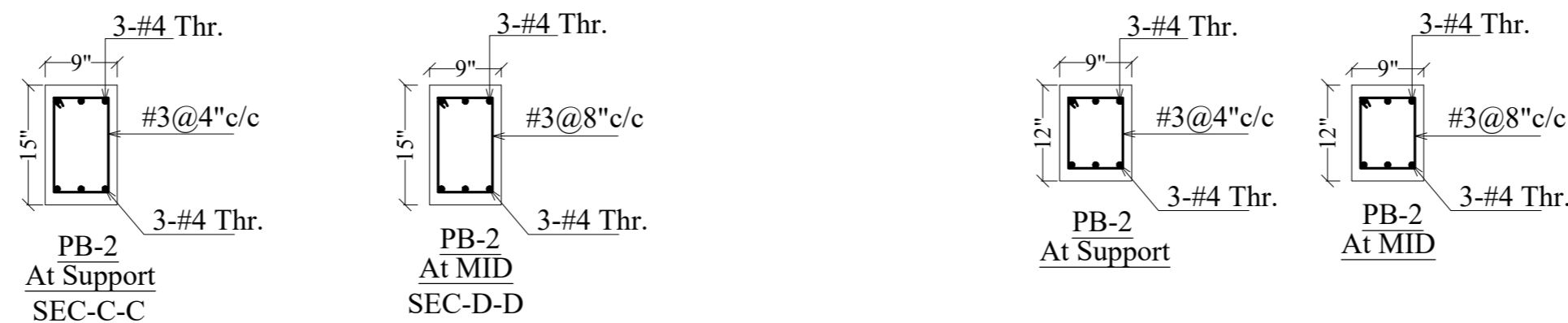
NOTE



(TYPICAL) L SECTION OF PLINTH BEAM
(Thr.& Extra Bar)



(TYPICAL) L SECTION OF PLINTH BEAM
(Thr. Bar)



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REVISIONS

NEC-SUNJIN JV



SUNJIN
ENGINEERING & ARCHITECTURE

DRAWING TITLE
ISSUED FOR CONSTRUCTION

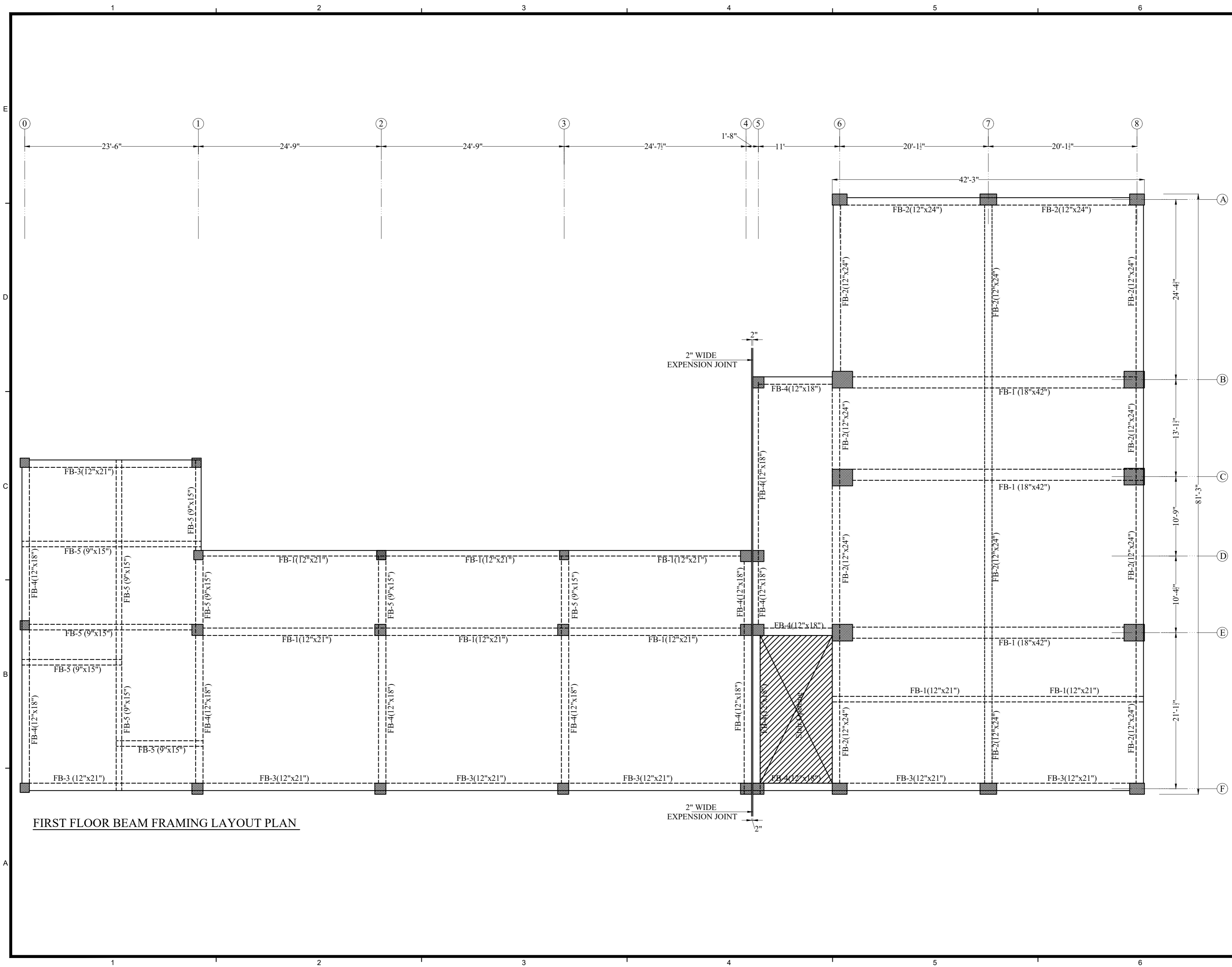
NAME OF DRAWING
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REINFORCEMENT

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|-----------------|-------------------|
| DATE | DESIGNED BY |
| Aug. 2023 | Engr Hassan Sabri |
| SCALE | CHECKED BY |
| A1 NONE A3 NONE | Anjum Saeed |
| DRAWN BY | APPROVED BY |
| IKRAM | USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S07

FILE NAME
PROJECT NUMBER
SHEET NO.
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FIRST FLOOR BEAM FRAMING LAYOUT PLAN



KPESD
Khyber Pakhtunkhwa Elementary & Secondary Education Department



KPHCIP SCHOOLS PROJECT

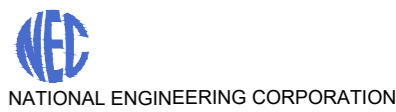
SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
FIRST FLOOR BEAM FRAMING LAYOUT PLAN

DATE
Aug. 2023

DESIGNED BY
Engr Hassan Sabri

SCALE
A1 NONE A3 NONE

CHECKED BY
Anjum Saeed

DRAWN BY
IKRAM

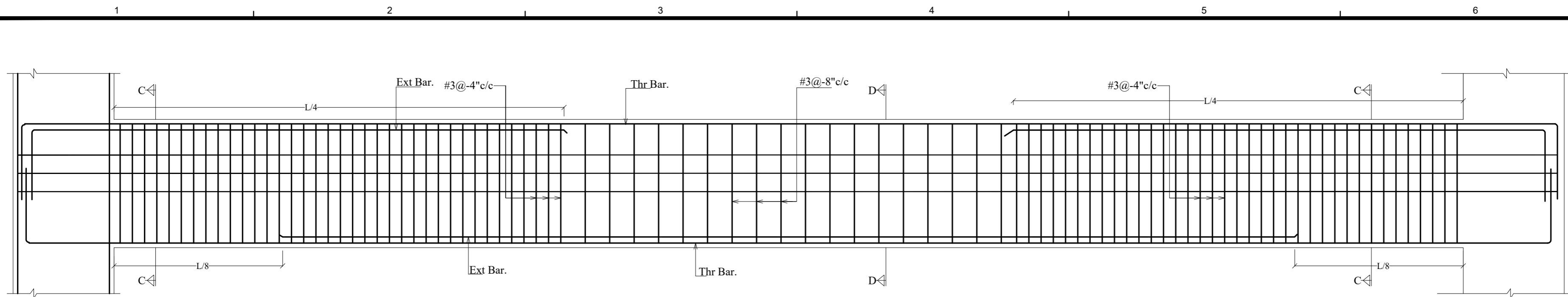
APPROVED BY
USMAN MOOSA

KPHCIP Representative:
Engr. ZIA

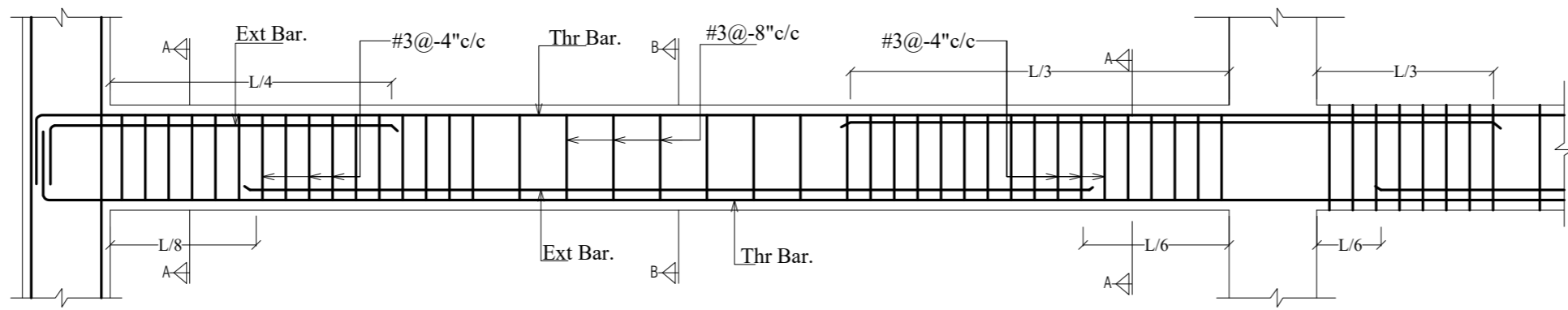
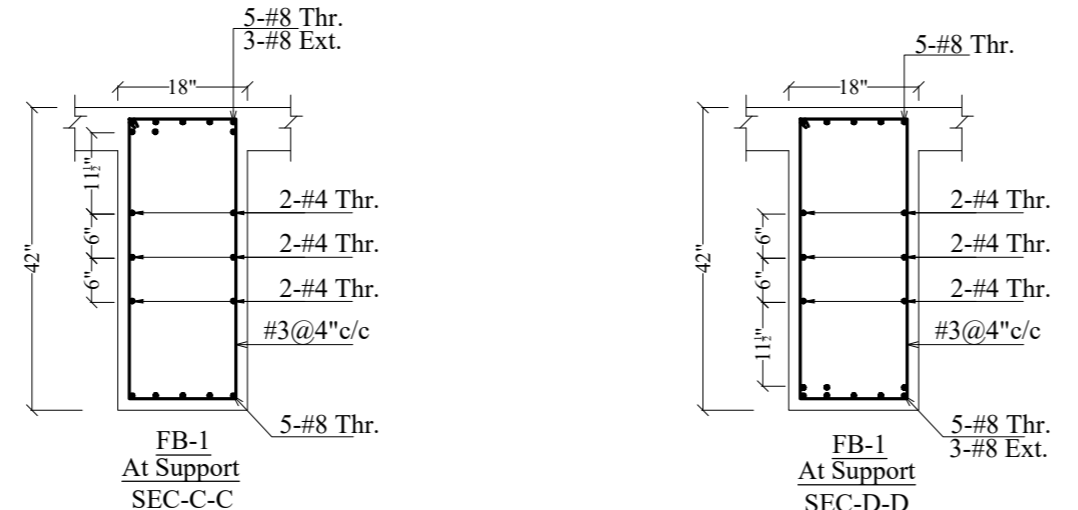
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P166309-SW-DR-S08

FILE NAME
PROJECT NUMBER

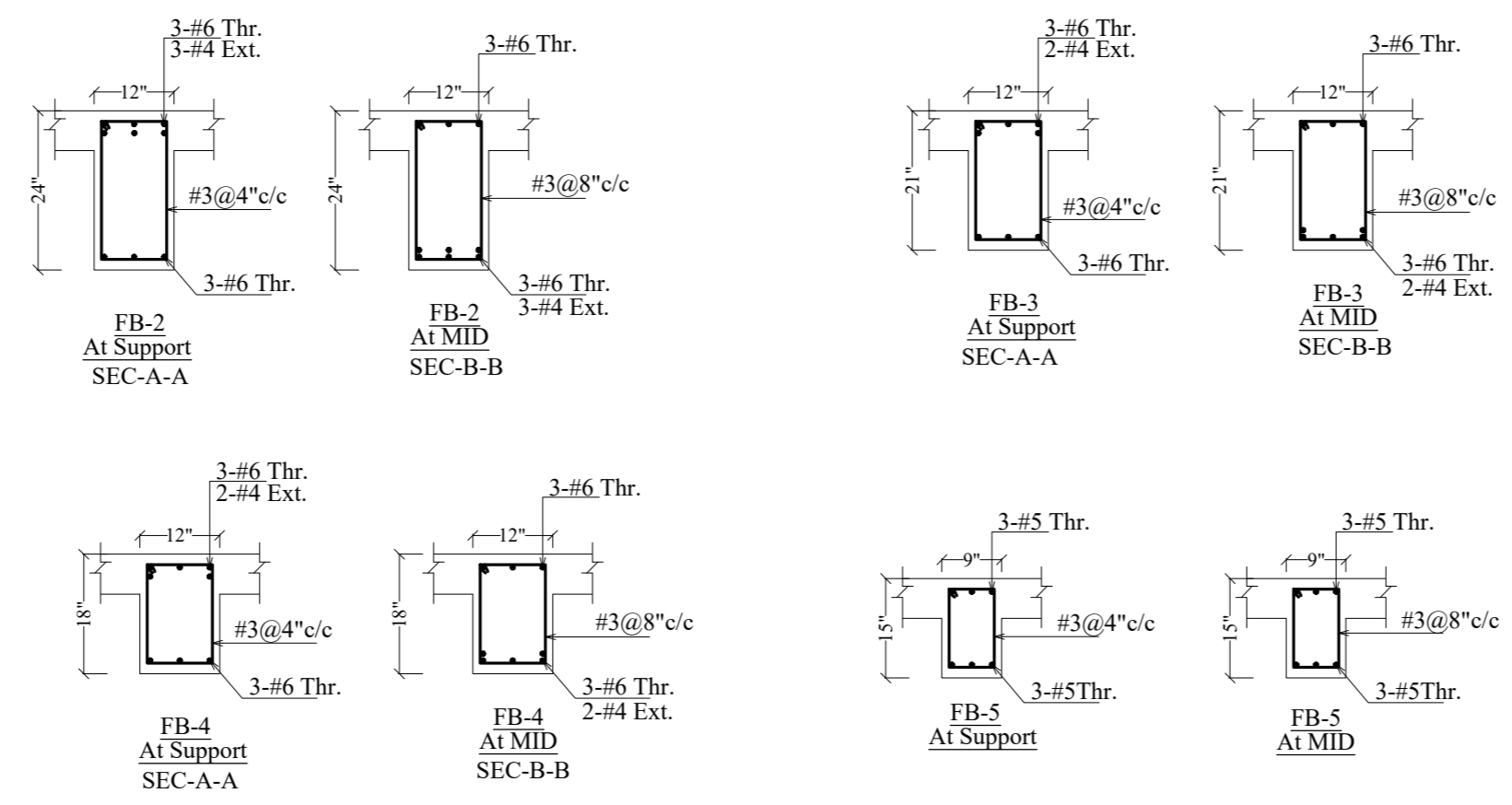
SHEET NO.
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(TYPICAL) L SECTION OF FIRST FLOOR BEAM
FB-1 (18"x42")



(TYPICAL) L SECTION OF FIRST FLOOR BEAM



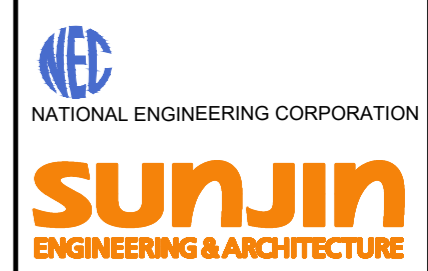
PROJECT TITLE
KPHCIP SCHOOLS PROJECT
SCHOOL NAME
EMIS- 34492
GGMS NABI SWABI

NOTE

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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
L SECTION OF FIRST FLOOR BEAM REINFORCEMENT

DATE
Aug. 2023

DESIGNED BY
Engr Hassan Sabri

SCALE
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CHECKED BY
Anjum Saeed

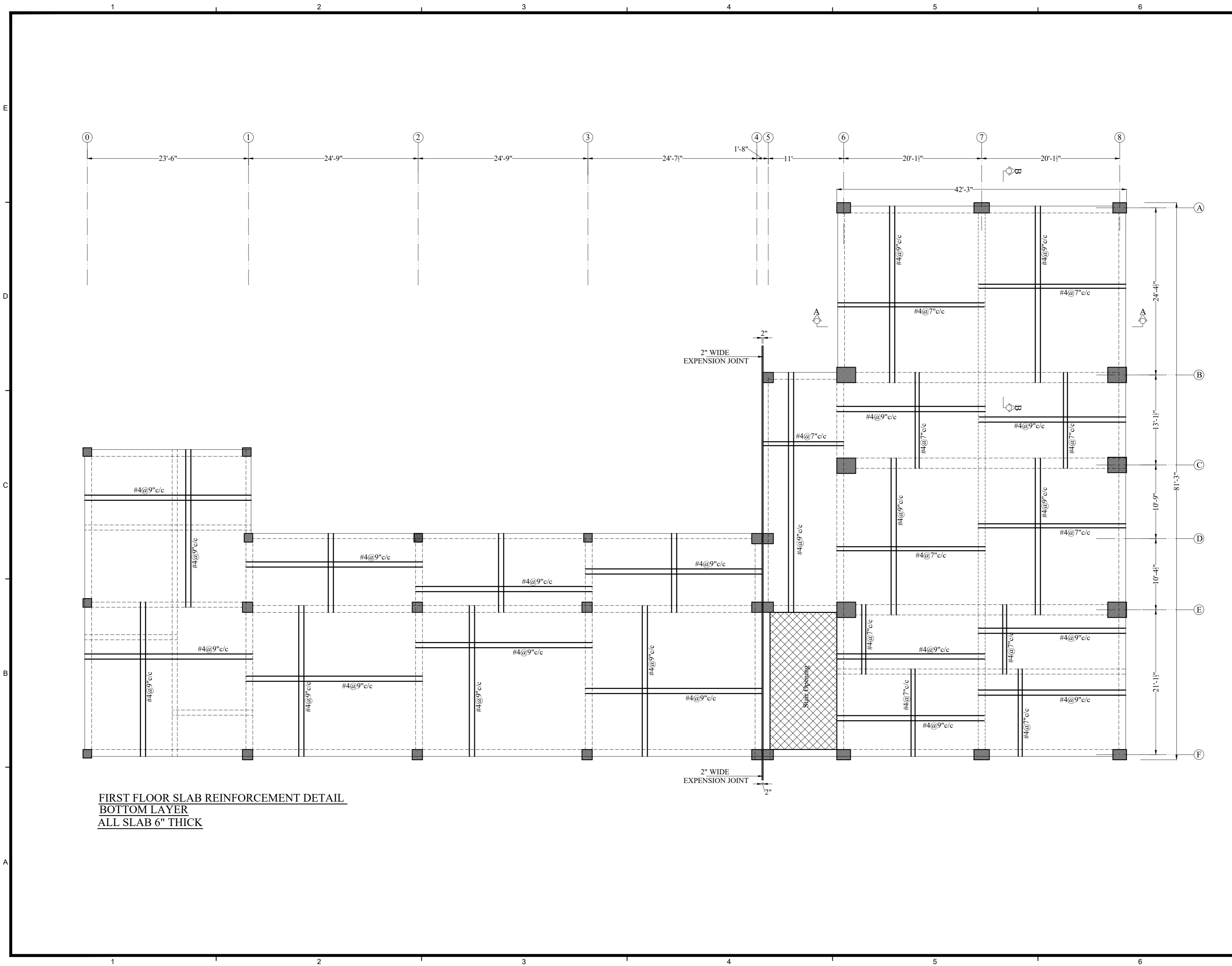
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USMAN MOOSA

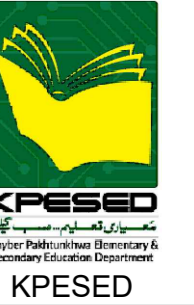
KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S09

FILE NAME
PROJECT NUMBER
SHEET NO.
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**FIRST FLOOR SLAB REINFORCEMENT DETAIL
BOTTOM LAYER
ALL SLAB 6" THICK**



**KPHCIP
SCHOOLS PROJECT**

SCHOOL NAME
**EMIS- 34492
GGMS NABI
SWABI**

NOTE

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NATIONAL ENGINEERING CORPORATION
SUNJIN
 ENGINEERING & ARCHITECTURE

DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
**FIRST FLOOR SLAB
REINFORCEMENT BOTTOM LAYER**

DATE: Aug. 2023
DESIGNED BY: Engr Hassan Sabri

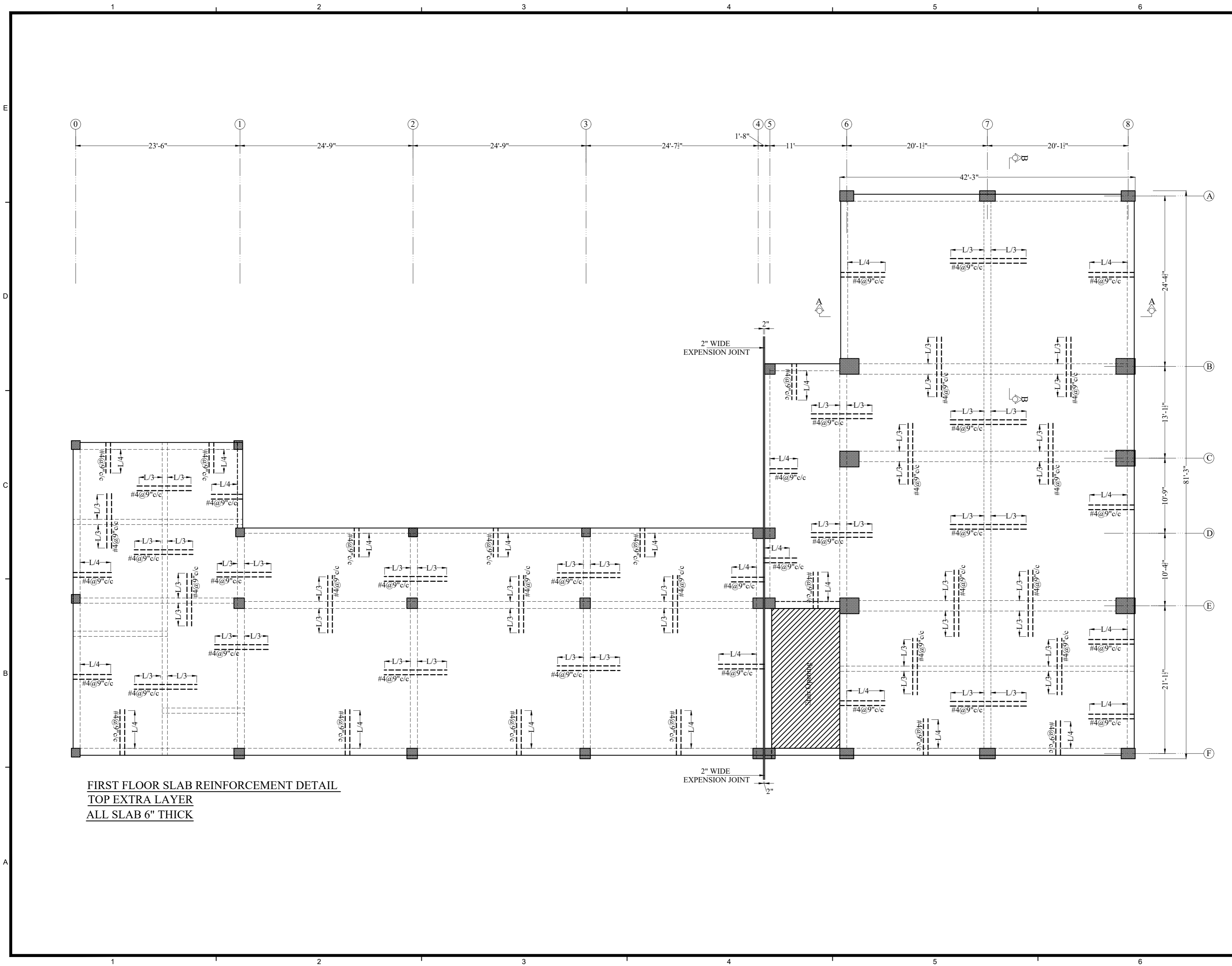
SCALE: A1 NONE, A3 NONE
CHECKED BY: Anjum Saeed

DRAWN BY: IKRAM
APPROVED BY: USMAN MOOSA

KPHCIP Representative: Engr. ZIA

DRAWING NO.: P166309-SW-DR-S10

FILE NAME: PROJECT NUMBER: SHEET NO.: 000



FIRST FLOOR SLAB REINFORCEMENT DETAIL
TOP EXTRA LAYER
ALL SLAB 6" THICK



PROJECT TITLE
KPHCIP SCHOOLS PROJECT

SCHOOL NAME
**EMIS- 34492
 GGMS NABI
 SWABI**

NOTE

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REVISIONS

| NO. | DESCRIPTION | DATE | APPR. |
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DESIGNED BY
NEC-SUNJIN JV

CHECKED BY
NATIONAL ENGINEERING CORPORATION

SUNJIN
 ENGINEERING & ARCHITECTURE

DRAWING TITLE
ISSUED FOR CONSTRUCTION

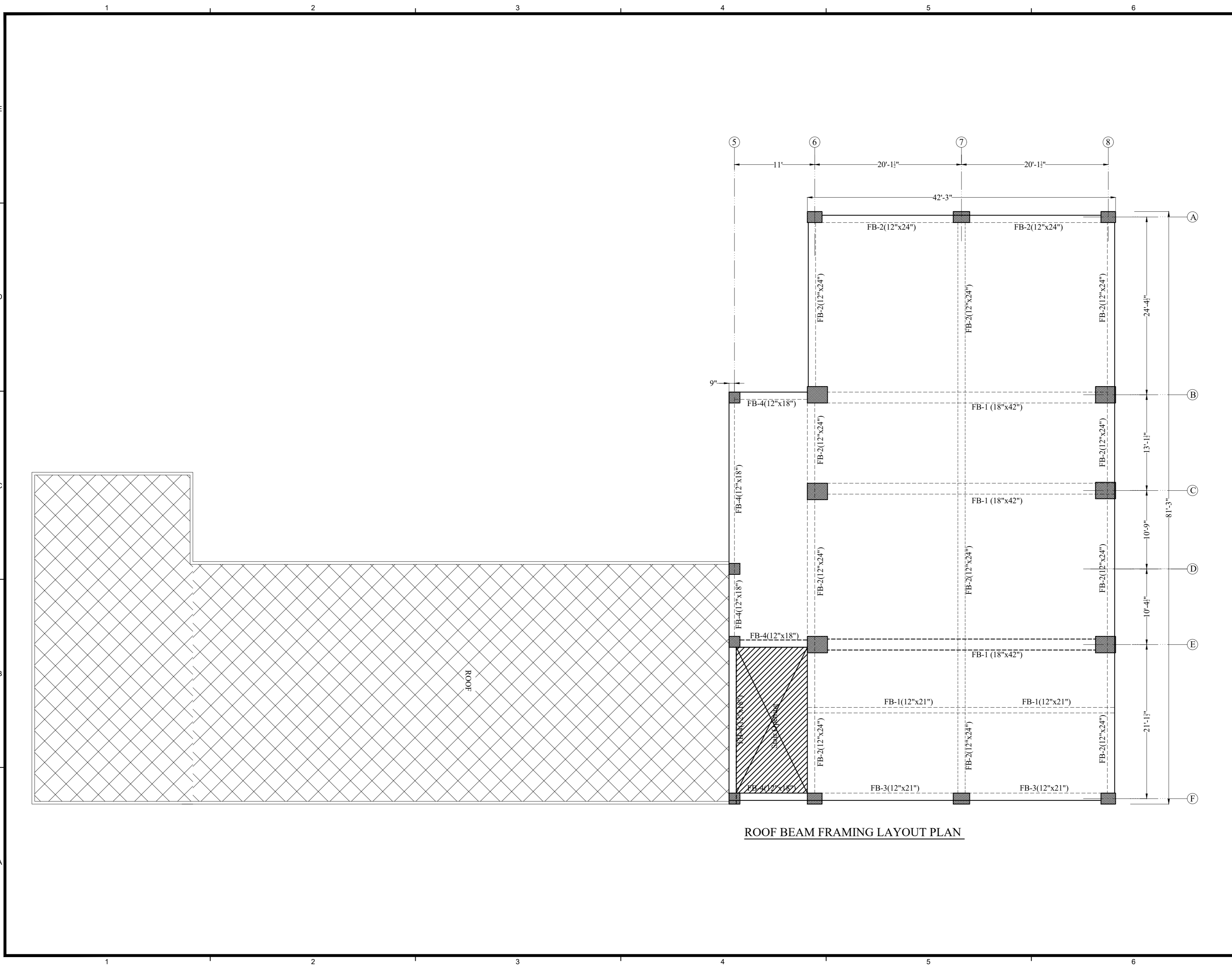
NAME OF DRAWING
**FIRST FLOOR SLAB REINFORCEMENT TOP
 EXTRA LAYER**

| | |
|--------------------------|----------------------------------|
| DATE Aug. 2023 | DESIGNED BY Engr Hassan Sabri |
| SCALE A1 NONE A3 NONE | CHECKED BY Anjum Saeed |
| DRAWN BY IKRAM | APPROVED BY USMAN MOOSA |

KPHCIP Representative:
 Engr. ZIA

DRAWING NO.
P166309-SW-DR-S11

FILE NAME
 PROJECT NUMBER
000



ROOF BEAM FRAMING LAYOUT PLAN



KPESD
 Khyber Pakhtunkhwa Elementary &
 Secondary Education Directorate



**KPHCIP
 SCHOOLS PROJECT**

SCHOOL NAME
**EMIS- 34492
 GGMS NABI
 SWABI**

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
ROOF BEAM FRAMING LAYOUT PLAN

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| DATE | DESIGNED BY |
| Aug. 2023 | Engr Hassan Sabri |

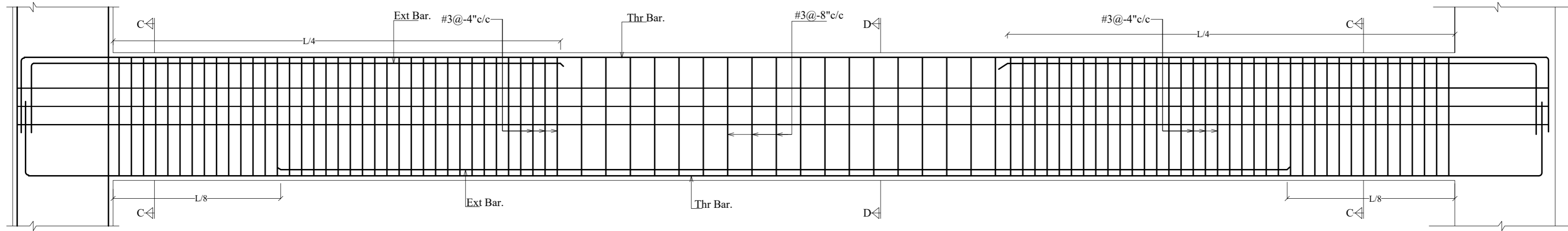
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| SCALE | CHECKED BY |
| A1 NONE A3 NONE | Anjum Saeed |

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| IKRAM | USMAN MOOSA |

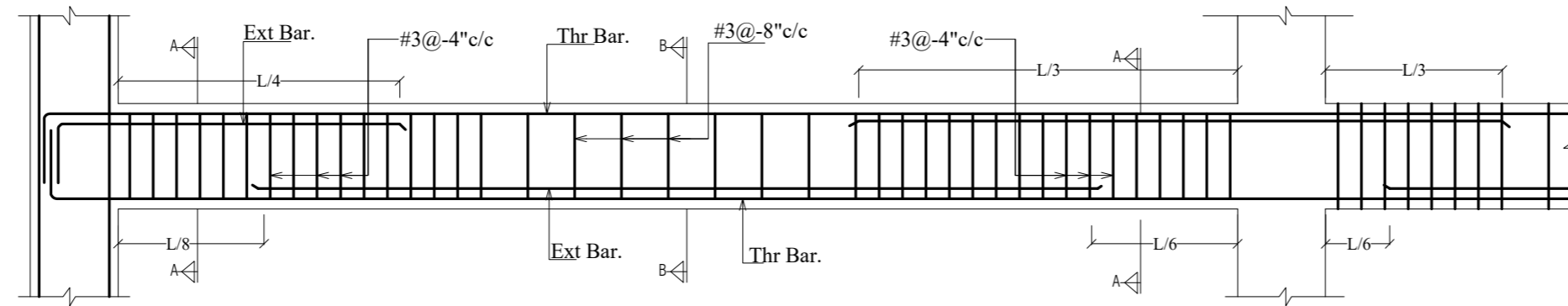
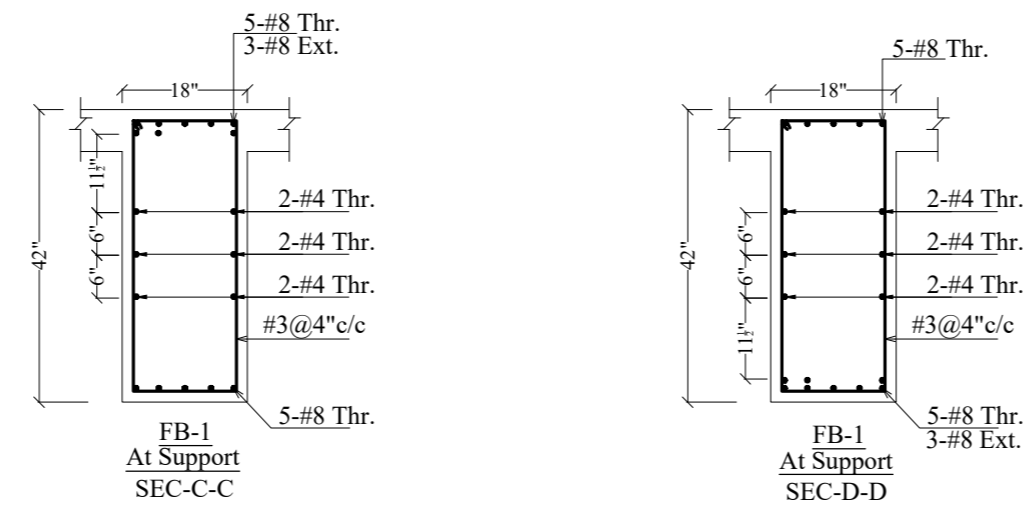
KPHCIP Representative:
 Engr. ZIA

DRAWING NO.
P166309-SW-DR-S12

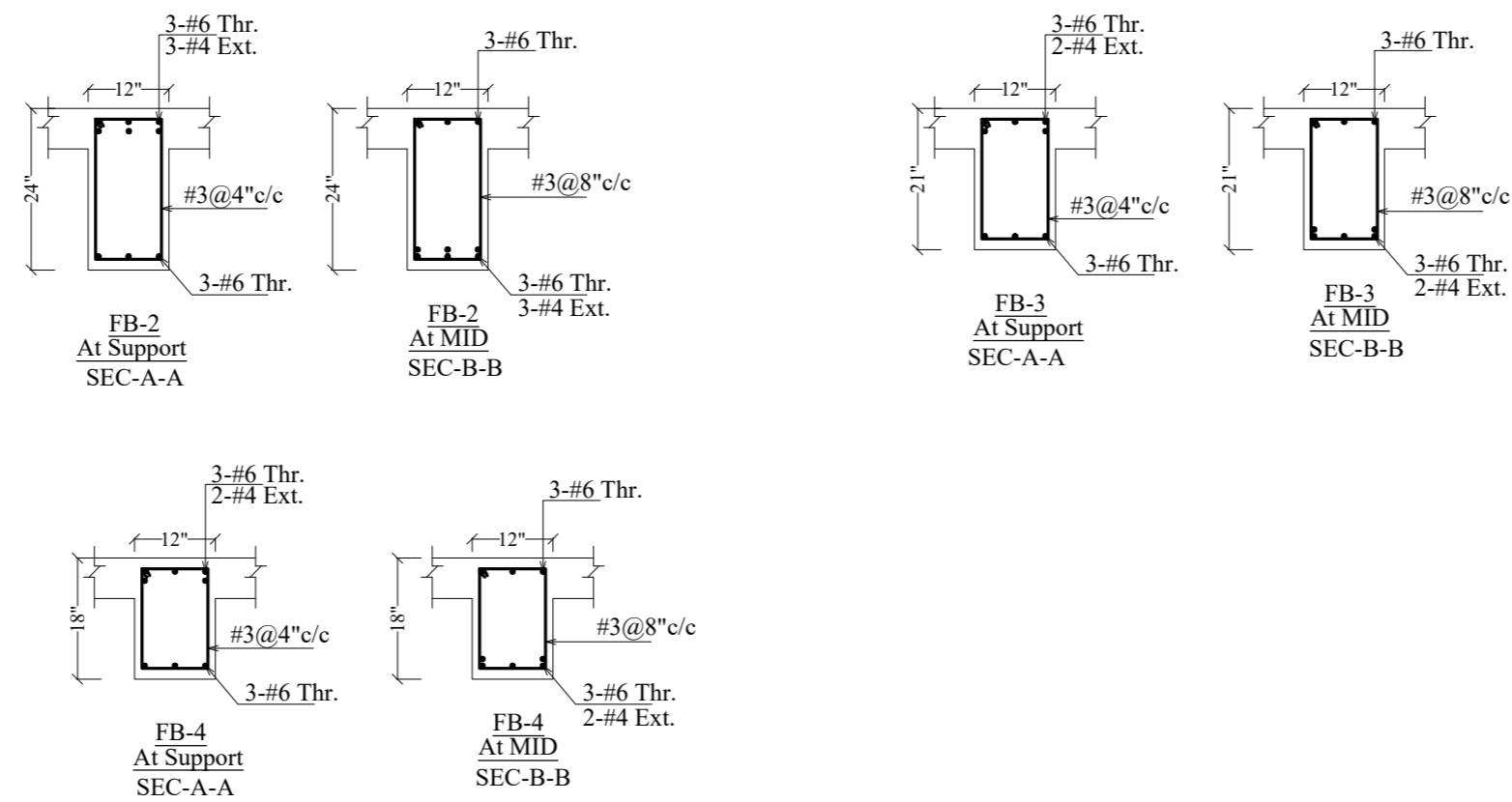
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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |



(TYPICAL) L SECTION OF FIRST FLOOR BEAM
FB-1 (18"x42")



(TYPICAL) L SECTION OF FIRST FLOOR BEAM



KPHCIP
SCHOOLS PROJECT

SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
L SECTION OF ROOF BEAM
REINFORCEMENT

DATE
Aug. 2023

DESIGNED BY
Engr Hassan Sabri

SCALE
A1 NONE A3 NONE

CHECKED BY
Anjum Saeed

DRAWN BY
IKRAM

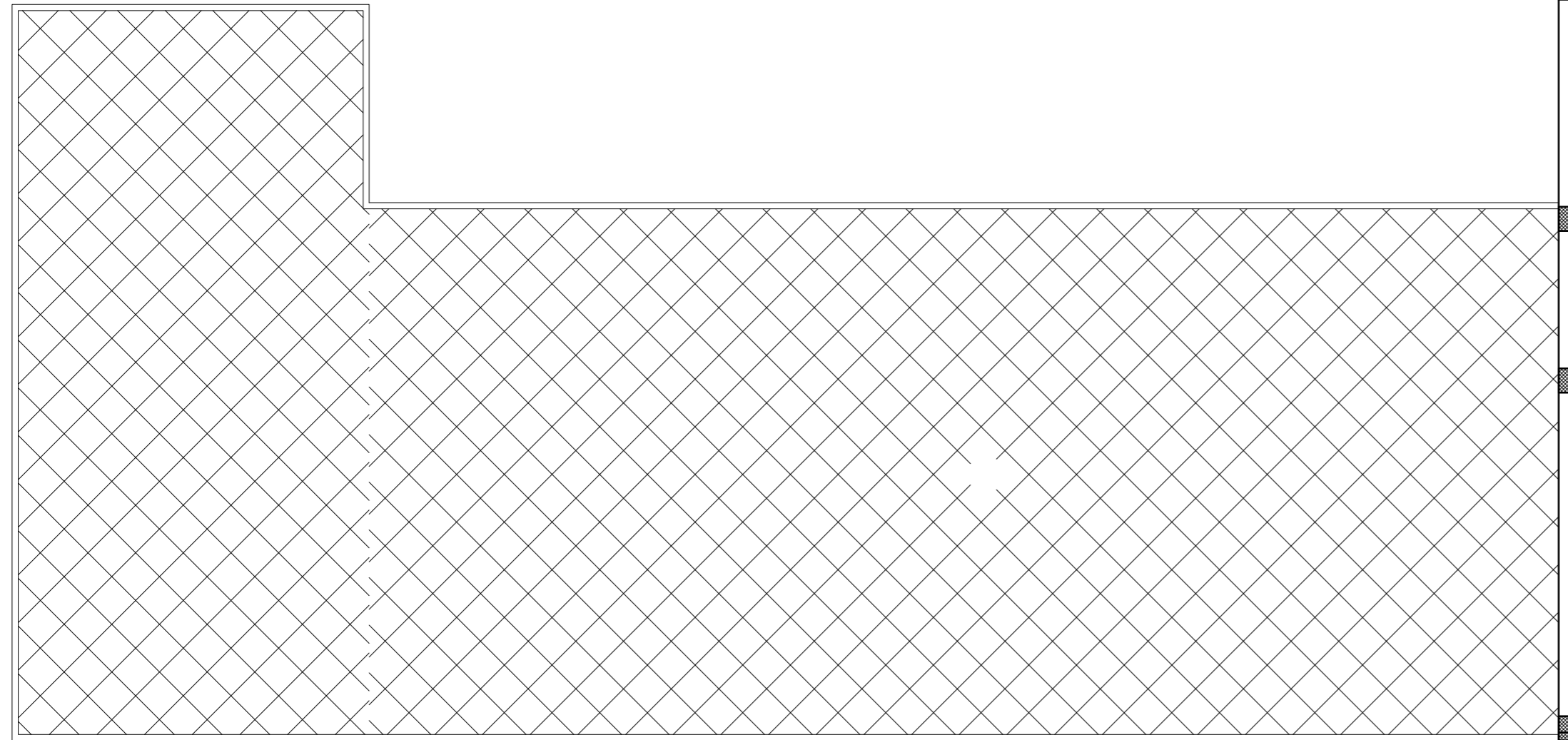
APPROVED BY
USMAN MOOSA

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S13

FILE NAME
PROJECT NUMBER

SHEET NO.
000



**ROOF SLAB REINFORCEMENT DETAIL
BOTTOM LAYER
ALL SLAB 6" THICK**



KPESD
Khyber Pakhtunkhwa Elementary &
Secondary Education Department



**KPHCIP
SCHOOLS PROJECT**

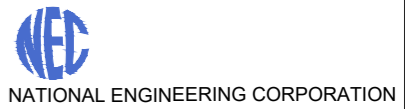
**SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI**

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
**ROOF SLAB REINFORCEMENT
BOTTOM LAYER**

| | |
|-----------|-------------------|
| DATE | DESIGNED BY |
| Aug. 2023 | Engr Hassan Sabri |

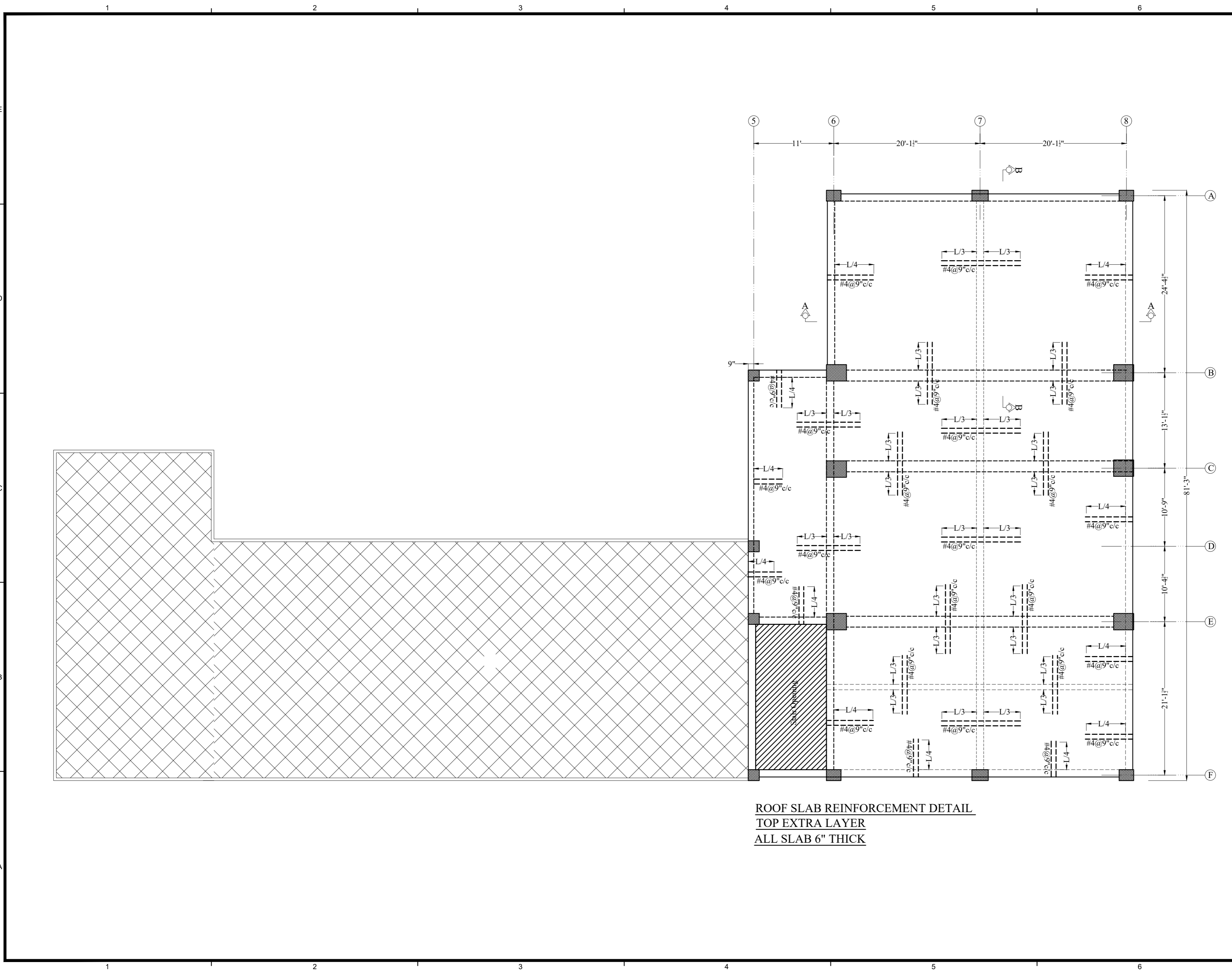
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| SCALE | CHECKED BY |
| A1 NONE | A3 Anjum Saeed |

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| DRAWN BY | APPROVED BY |
| IKRAM | USMAN MOOSA |

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S14

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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |



ROOF SLAB REINFORCEMENT DETAIL
TOP EXTRA LAYER
ALL SLAB 6" THICK



KPSED
 Khyber Pakhtunkhwa Directorate
 Secondary Education Department



KPHCIP
SCHOOLS PROJECT

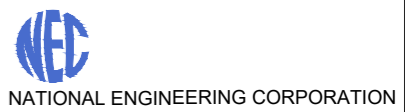
SCHOOL NAME
 EMIS- 34492
 GGMS NABI
 SWABI

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
 ISSUED FOR CONSTRUCTION

NAME OF DRAWING
 ROOF SLAB REINFORCEMENT
 TOP EXTRA LAYER

DATE Aug. 2023 **DESIGNED BY** Engr Hassan Sabri

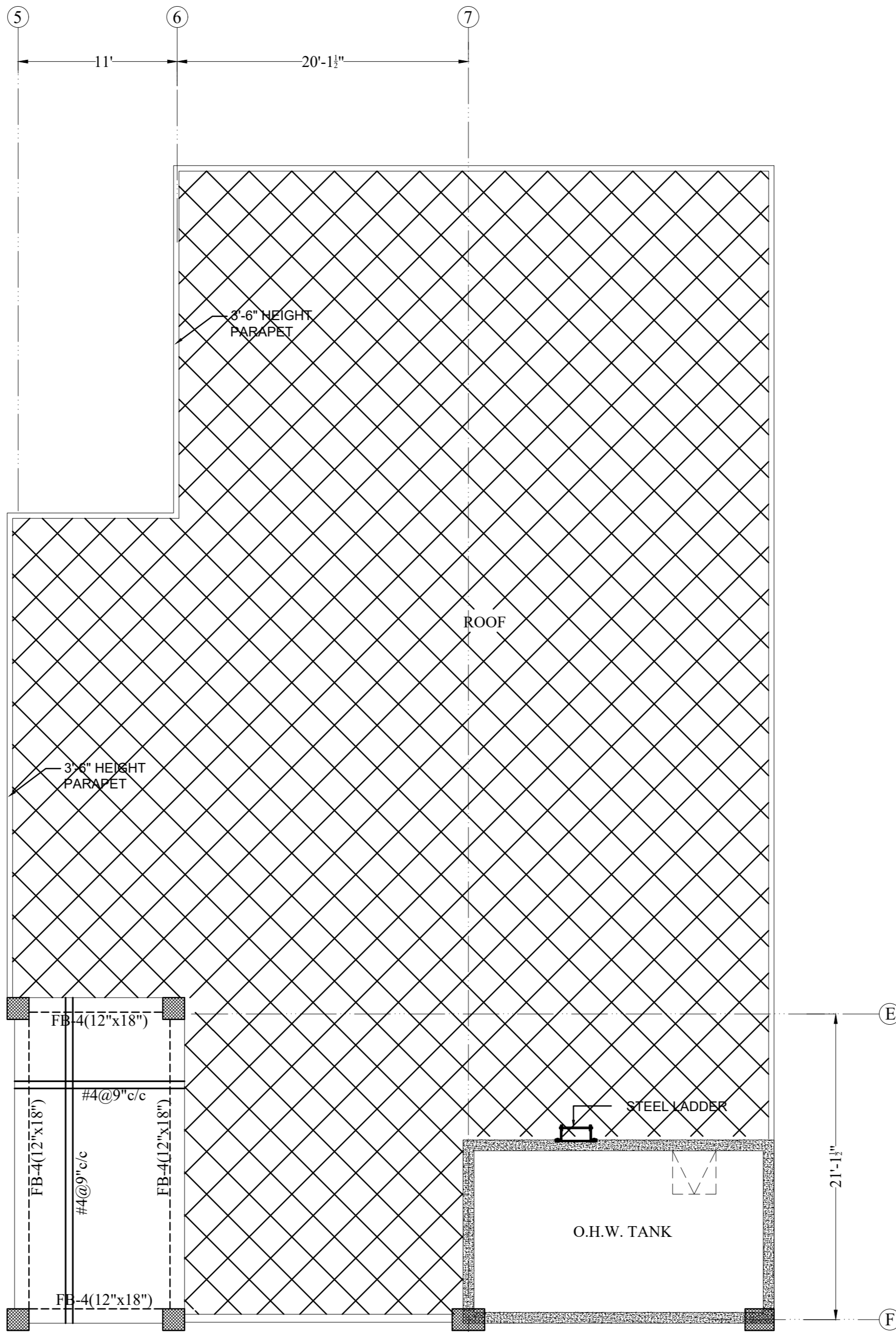
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DRAWN BY IKRAM **APPROVED BY** USMAN MOOSA

KPHCIP Representative: Engr. ZIA

DRAWING NO. P166309-SW-DR-S15

FILE NAME **SHEET NO.** 000



MUMTY BEAM & SLAB DETAIL



KPESD
Khyber Pakhtunkhwa Education Directorate
Secondary Education Department



KPHCIP
SCHOOLS PROJECT

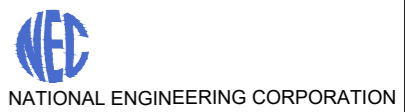
SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



SUNJIN
ENGINEERING & ARCHITECTURE

DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
MUMTY BEAM & SLAB DETAIL

| | |
|--------------------------|---|
| DATE Aug. 2023 | DESIGNED BY Engr Hassan Sabri |
|--------------------------|---|

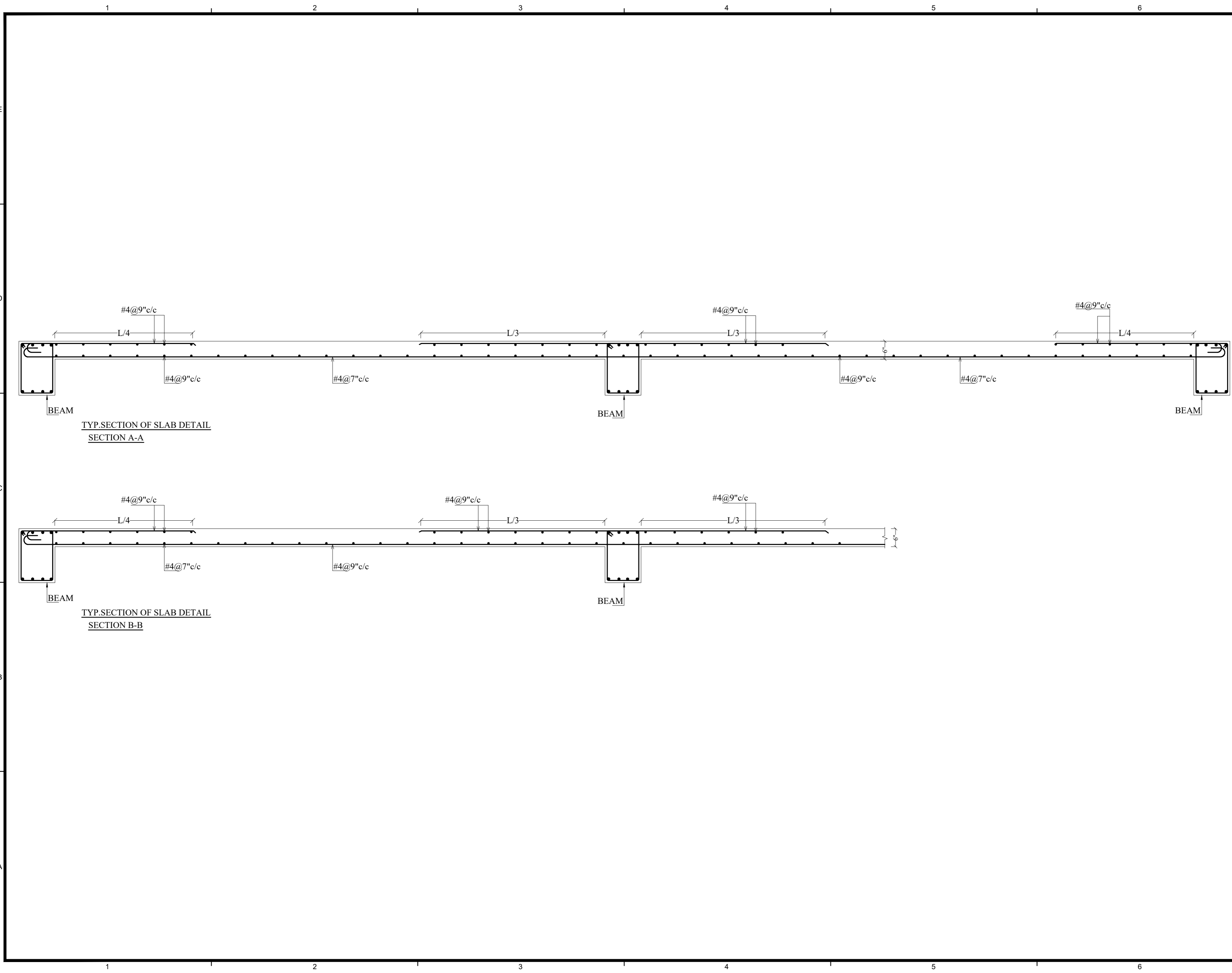
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| SCALE A1 NONE A3 NONE | CHECKED BY Anjum Saeed |
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| DRAWN BY IKRAM | APPROVED BY USMAN MOOSA |
|--------------------------|-----------------------------------|

KPHCIP Representative:
Engr. ZIA

DRAWING NO.
P166309-SW-DR-S16

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| FILE NAME | SHEET NO. 000 |
| PROJECT NUMBER | |



KPESD
 Khyber Pakhtunkhwa Elementary &
 Secondary Education Department



KPHCIP
SCHOOLS PROJECT

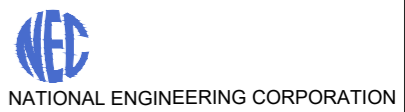
SCHOOL NAME
EMIS- 34492
GGMS NABI
SWABI

NOTE

| NO. | DESCRIPTION | DATE | APPR. |
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REVISIONS

NEC-SUNJIN JV



DRAWING TITLE
ISSUED FOR CONSTRUCTION

NAME OF DRAWING
TYPICAL SECTION OF SLAB
DETAIL

| | |
|-----------|-------------------|
| DATE | DESIGNED BY |
| Aug. 2023 | Engr Hassan Sabri |

| | |
|-----------------|-------------|
| SCALE | CHECKED BY |
| A1 NONE A3 NONE | Anjum Saeed |

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| DRAWN BY | APPROVED BY |
| IKRAM | USMAN MOOSA |

KPHCIP Representative:
 Engr. ZIA

DRAWING NO.
P166309-SW-DR-S17

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| FILE NAME | SHEET NO. |
| PROJECT NUMBER | 000 |