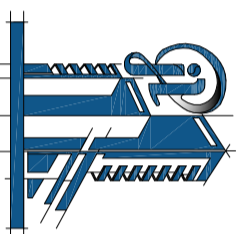


# STRUCTURE DRAWINGS

## PROJECT NAME:

75'X75' PROPOSED HOUSE,  
BARA BANDA, PASHAWER.

## CONSULTANT:



IR &  
ASSOCIATES

ARCHITECTS, INTERIOR DESIGNER, CONSULTANT, BUILDERS

## Address:

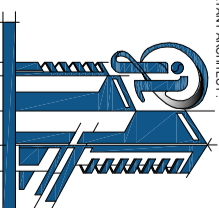
Plaza NO 60-C, LCO Commercial, 2nd Floor, 2nd Office, Near  
Bahria Town Corporate Head Office, Bahria Orchard Lahore  
PH# 0306-4600097 Email : [info@irassociates.com.pk](mailto:info@irassociates.com.pk)  
042-35454131 Web : [www.irassociates.com.pk](http://www.irassociates.com.pk)

PATH: IR & ASSOCIATES

SAVE TIME: 4 August 2023

PLOT TIME: 8/4/2023 8:22 PM

CONSULTANT ARCHITECT :



IR & ASSOCIATES  
ARCHITECTS, INTERIOR DESIGNER, CONSULTANT  
BUILDERS

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CLIENT: ####

PROJECT:

75'X75' Proposed House

Bara Banda Pashawer.

TITLE:

Title page

DESIGN BY:

YASIR REHMANI

DRAWN BY:

BILAL AJMAL

CHECKED BY:

NADIR IQBAL

DATE:

4 August 2023

SCALE:

N.S.T

STATES:

FOR CONSTRUCTION

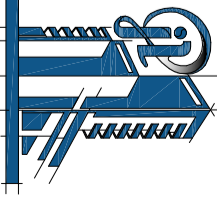
PROJECT NO:

000121

DRAWING NO

ST-00

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CLIENT: #####

PROJECT: 75'X75' Proposed House

Bara Banda Pashawer.

TITLE:

General Notes

DESIGN BY:

YASIR REHMANI

DRAWN BY:

BILAL AJMAL

CHECKED BY:

NADIR IQBAL

DATE: 4 August 2023

SCALE:

N.S.T

STATES:

FOR CONSTRUCTION

PROJECT NO:

000121

DRAWING NO

ST-01

**GENERAL NOTES:-**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE DIMENSIONS AND FOR COORDINATION AMONG ALL TRADERS.
2. DO NOT SCALE THE DRAWINGS.
3. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITION OF THE JOB AND SHALL INFORM THE CONSULTANT OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS.
4. ALL STRUCTURAL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING/ SEWERAGE, MECHANICAL, ELECTRICAL AND ANY OTHER RELEVANT DRAWINGS.
5. NOTES GIVEN IN THIS DRAWING ARE APPLICABLE TO ALL DRAWINGS UNLESS MENTIONED OTHERWISE. NOTES WRITTEN ON A DRAWING SHALL BE APPLICABLE TO THAT PARTICULAR DRAWING ONLY UNLESS OTHERWISE CROSS-REFERRED.
6. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS. IN ABSENCE OF ANY SPECIFICATIONS, ALL MATERIALS, TESTS AND WORKMANSHIP SHALL CONFORM TO RELEVANT ASTM, ACI/BS CODES AND SHALL SUBJECT TO APPROVAL OF THE ENGINEER.
7. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND BAR BENDING SCHEDULES, 14 DAYS IN ADVANCE FOR APPROVAL, TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
8. ALL LEVELS AND DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

**CONCRETE:-**

1. ALL CONCRETE WORK TO BE IN ACCORDANCE WITH ACI STANDARDS WITH FOLLOWING FUTURE PROVISIONS.

LOCATION	MIN. SPECIFIED 28 DAY CONC. STRENGTH (f'c)
	PSI
SLAB	3000
BEAMS	3000
COLUMN	4000

**CONCRETE COVER:-**

LOCATION	CLEAR COVER
BEAMS AND COLUMNS	1 1/2" TO TIES
ALL SLABS	3/4" TOP BARS 1" BOTTOM BARS

**CURING PERIOD :-**

1. Curing of Concrete must be done for atleast 7 days.

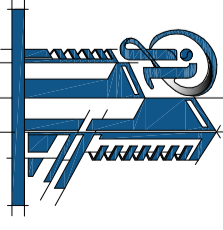
**SHUTTERING REMOVAL PERIOD :-**

1. Shuttering must not be removed before 14 days after concreting of Beams and Slab but Beams sides should not be removed before 48 hours after concreting work.

**REINFORCING STEEL:-**

1. DETAILS AND DETAILING OF CONCRETE REINFORCEMENT SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE ACI 318-14 LATEST.
2. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM-A615 GRADE 60 HAVING A MINIMUM YIELD STRENGTH OF 60,000 psi.
3. WHEREVER POSSIBLE FULL LENGTH OF REINFORCING BARS SHALL BE USED TO AVOID UNNECESSARY LAPS AND WASTAGES.
4. ALL LAP LENGTHS SHOULD BE 60-DIA OF BARS.
5. PROVIDE #3@12" C/C FOR BINDING ALL TOP BARS IN SLABS.
6. DEVELOPMENT LENGTH SHOULD BE 18-DIA OF BARS.

**IR & ASSOCIATES**



**IR & ASSOCIATES**

ARCHITECTS, INTERIOR DESIGNER, CONSULTANT

BUILDERS

Plot No 60-C, L03 Commercial, 2nd Floor, 2nd Office, Near  
Bara Town Cooperative Head Office, Bara Orsada Lahore  
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CLIENT: #####

PROJECT: 75'X75' Proposed House

Bara Banda Pashawer.

TITLE:

Basement Foundation

DESIGN BY:

YASIR REHMANI

DRAWN BY:

BILAL AJMAL

CHECKED BY:

NADIR IQBAL

DATE:

4 August 2023

SCALE:

N.S.T

STATES:

FOR CONSTRUCTION

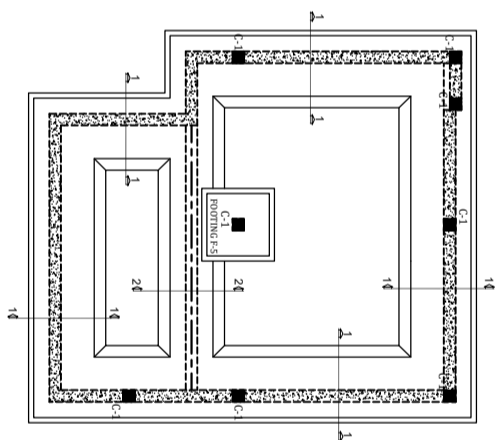
PROJECT NO:

000121

DRAWING NO

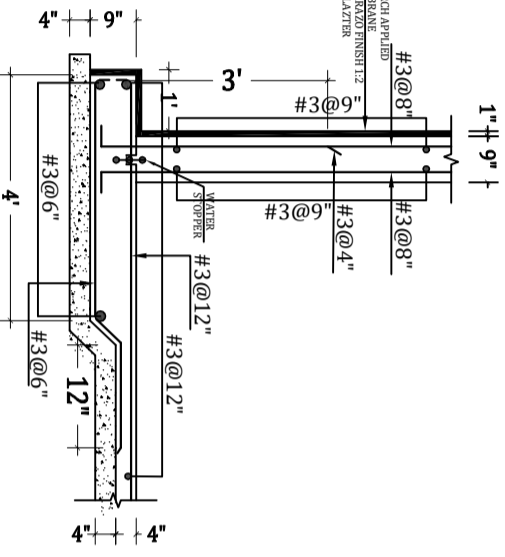
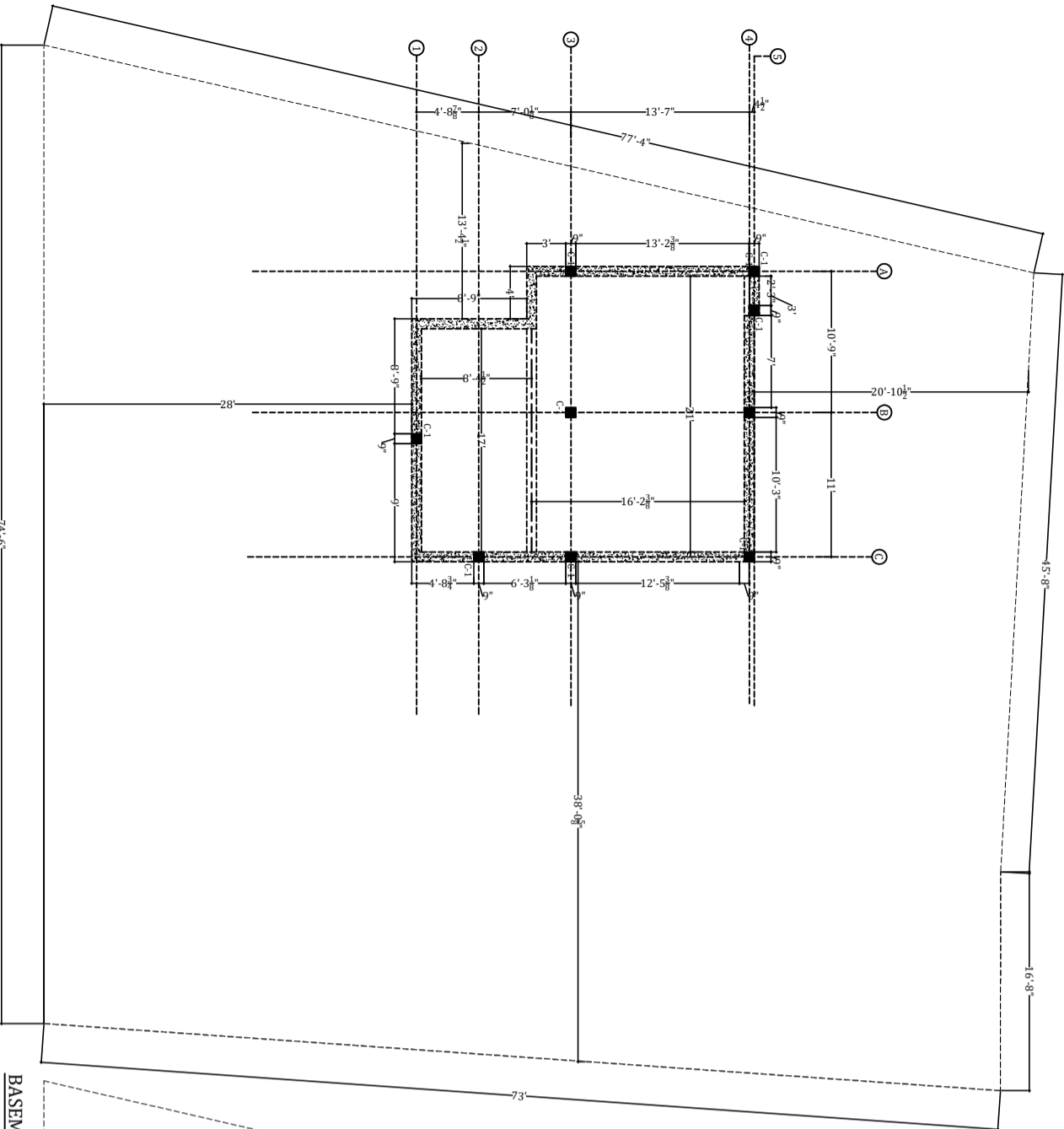
ST-02

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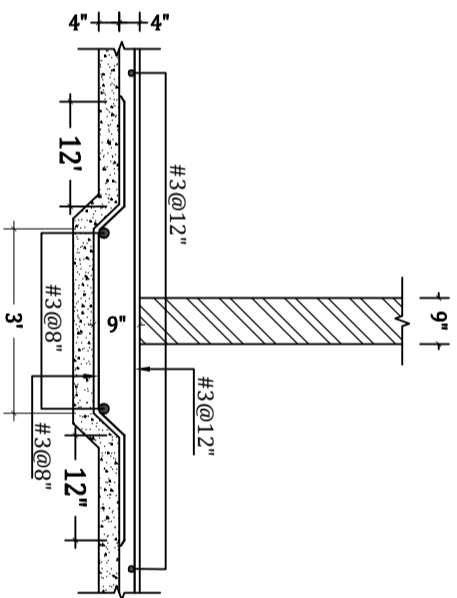


**BASEMENT FOUNDATION LAYOUT PLAN**

**BASEMENT CENTER LINE DIMENSION FOR EXCAVATION**

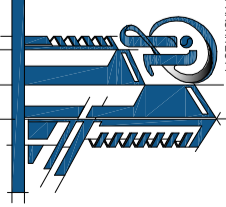


**SECTION 1-1**



**SECTION 2-2**





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CLIENT: #####

PROJECT: 75 X75' Proposed House

TITLE: Bara Banda Pashawer.

DESIGN BY: Foundation, Footing Section

DRAWN BY: YASIR REHMANI

CHECKED BY: BILAL AJMAL

DATE: NADIR IQBAL

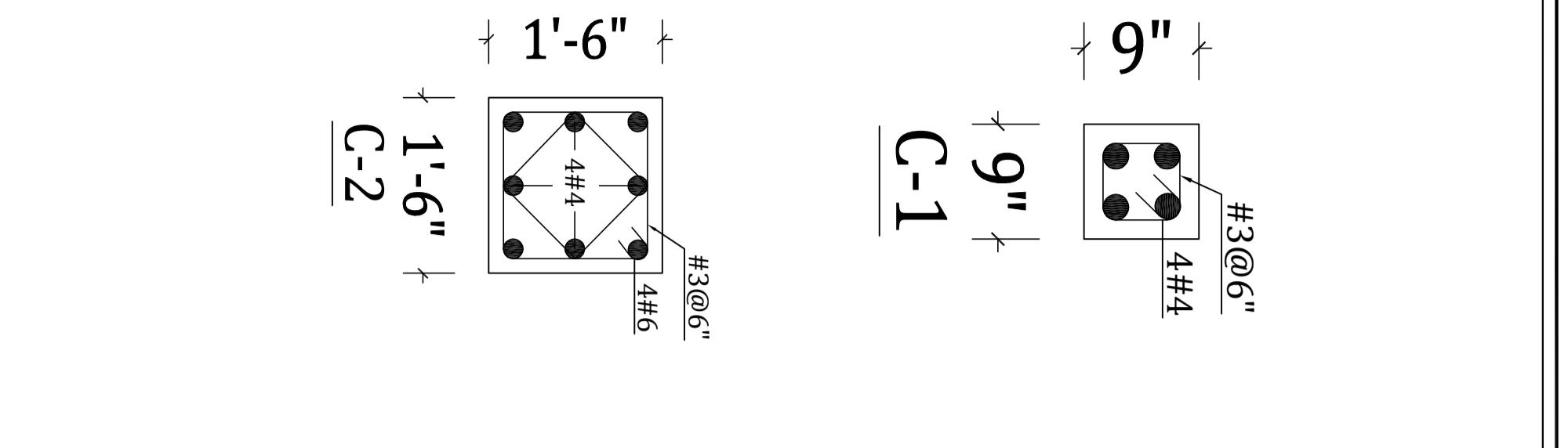
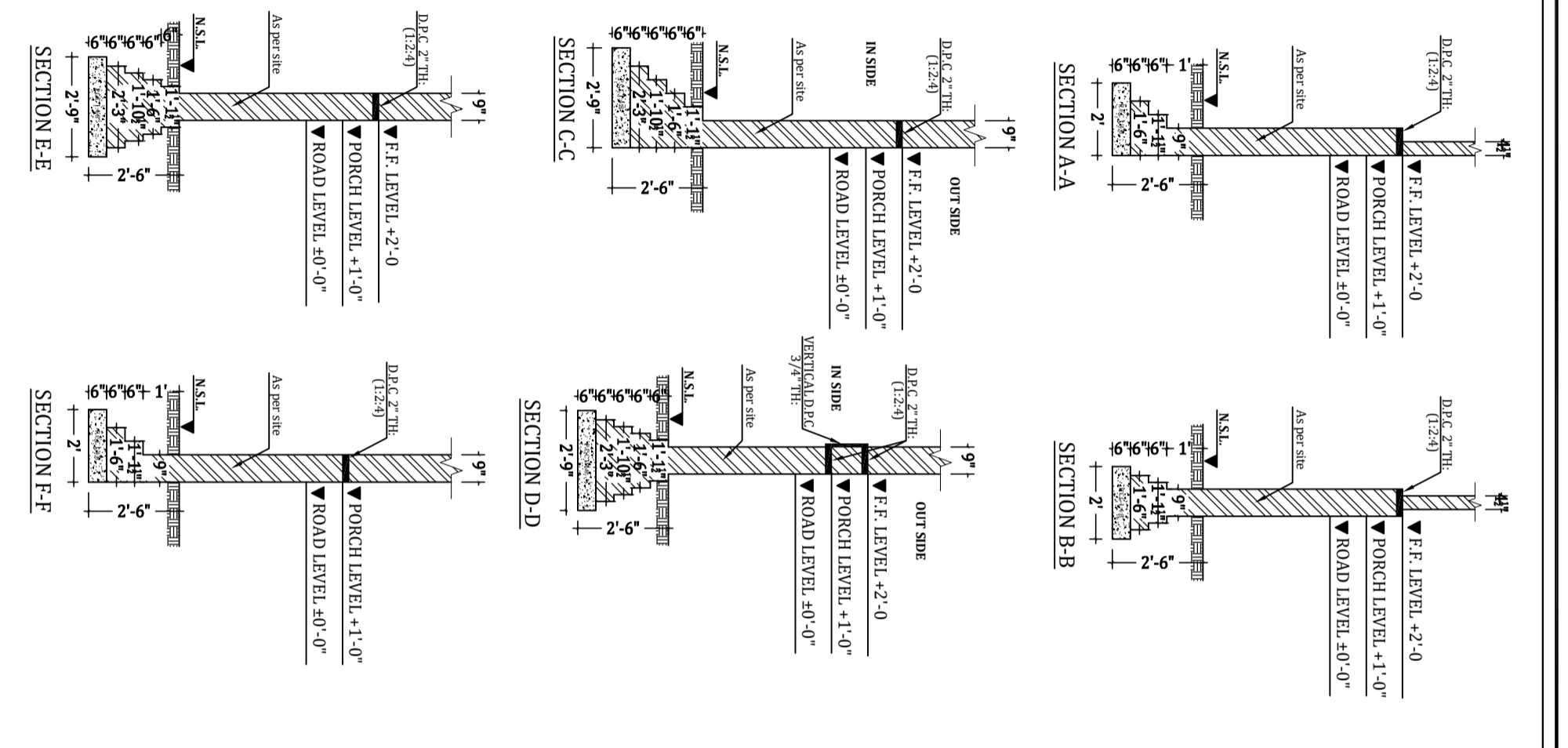
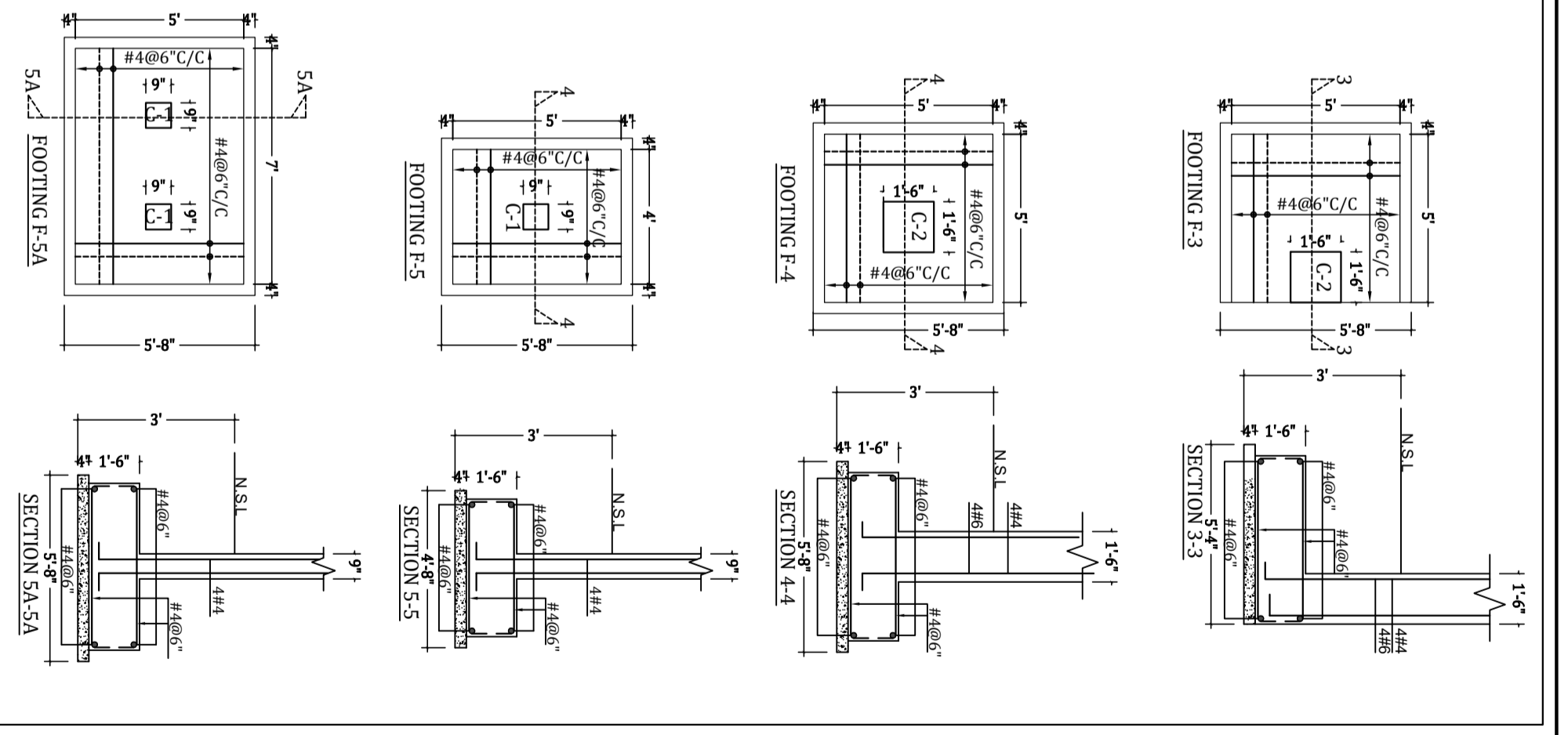
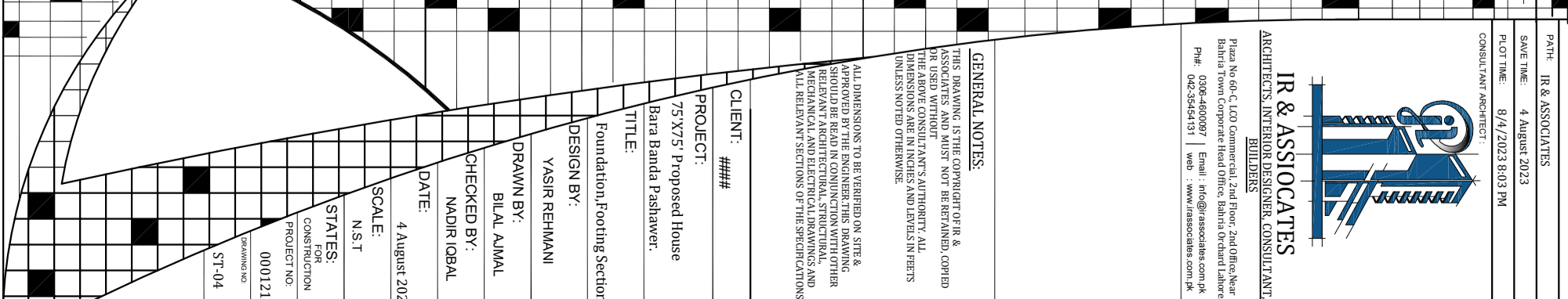
SCALE: 4 August 2023

ST-04

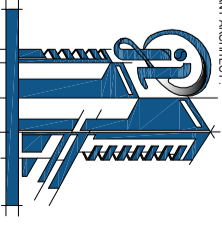
000121

ST-04

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CLIENT: #####

PROJECT: 75'X75' Proposed House

Barra Banda Pashawer.

TITLE:

Basement floor Slab Steel

DESIGN BY:

YASIR REHMANI

DRAWN BY:

BILAL AJMAL

CHECKED BY:

NADIR IQBAL

DATE:

4 August 2023

SCALE:

N.S.T

STATES:

FOR CONSTRUCTION

PROJECT NO:

000121

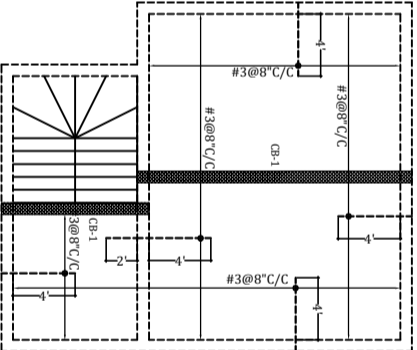
DRAWING NO

ST-06

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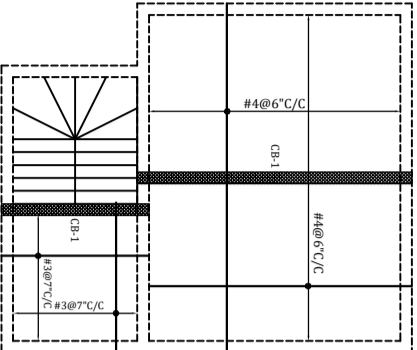
BASEMENT SLAB TOP STEEL

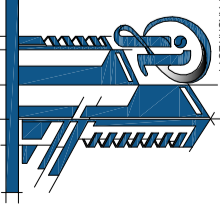
SLAB THICKNESS



BASEMENT SLAB BOTTOM STEEL

SLAB THICKNESS





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CLIENT: #####

PROJECT: 75 X 75' Proposed House  
Bahra Banda Pashawer.

TITLE: Ground floor Slab Steel

DESIGN BY: YASIR REHMANI

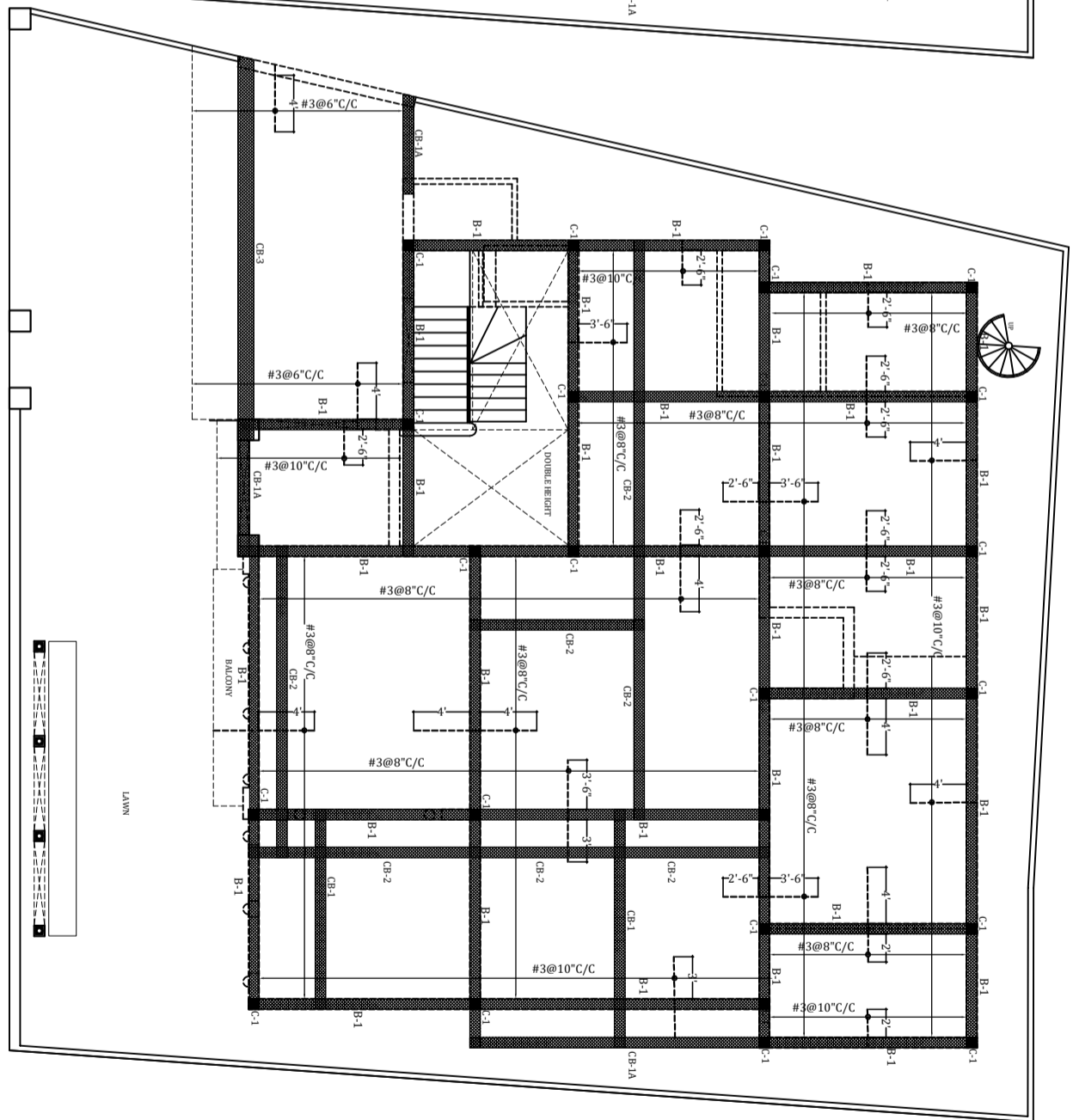
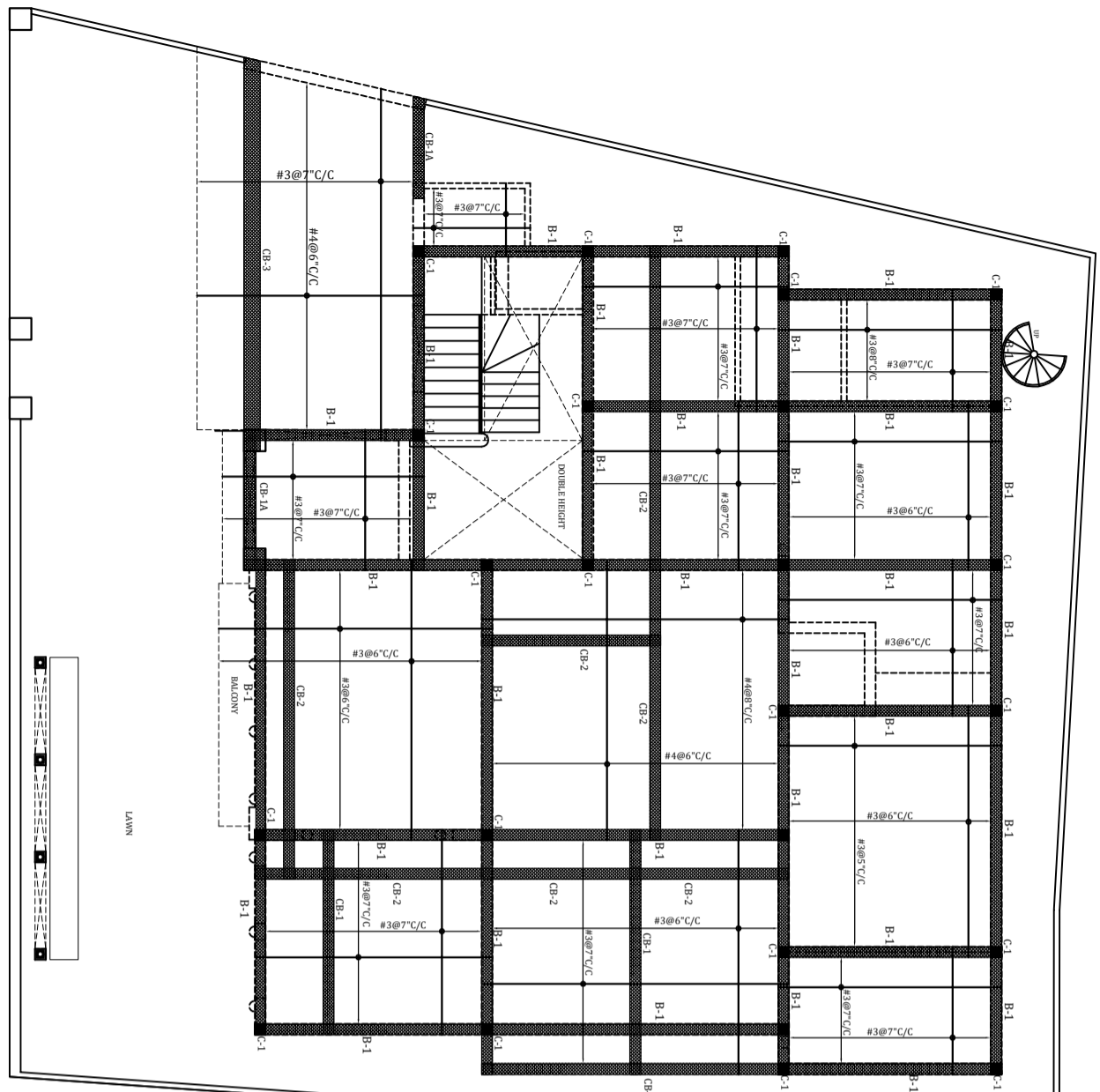
DRAWN BY: BILAL AJMAL

CHECKED BY: NADIR IQBAL

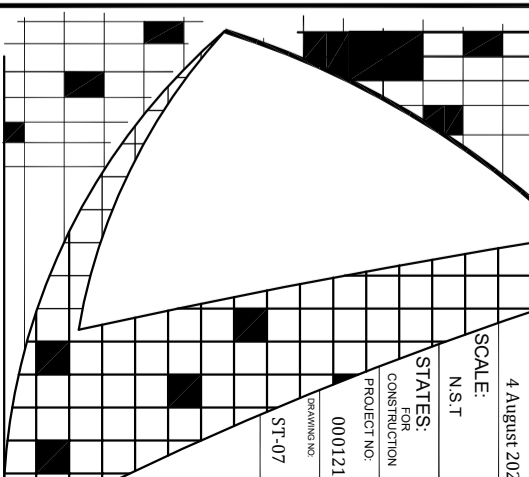
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SCALE: N.S.T

STATES: FOR CONSTRUCTION  
PROJECT NO: 000121  
DRAWING NO: ST-07

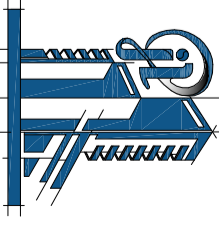


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CLIENT: #####

PROJECT: 75'X75' Proposed House

TITLE: Bara Banda Pashawer.

Mummy Floor Slab Steel

DESIGN BY: YASIR REHMANI

DRAWN BY: BILAL AJMAL

CHECKED BY: NADIR IQBAL

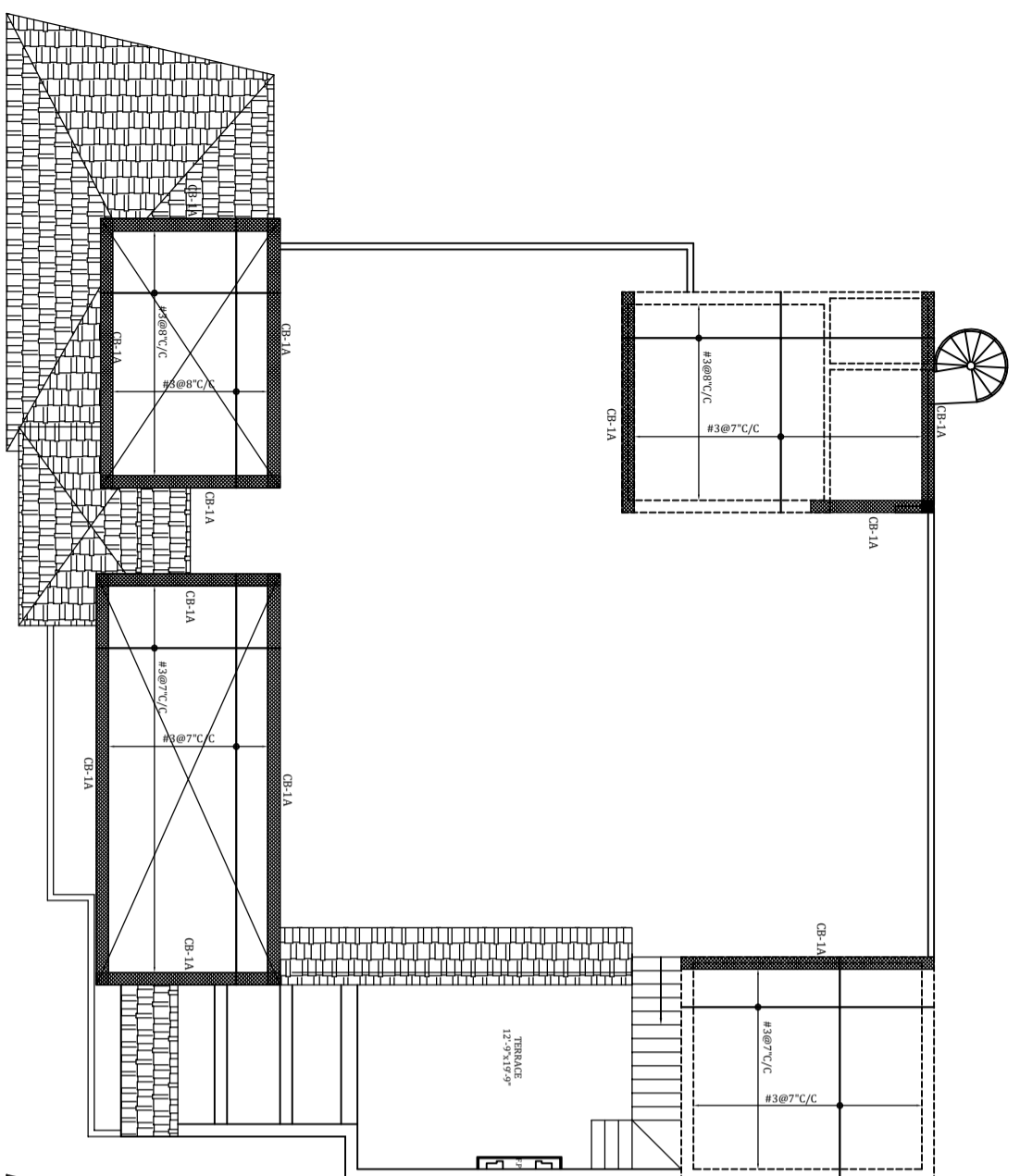
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SCALE: N.S.T

STATES: FOR CONSTRUCTION

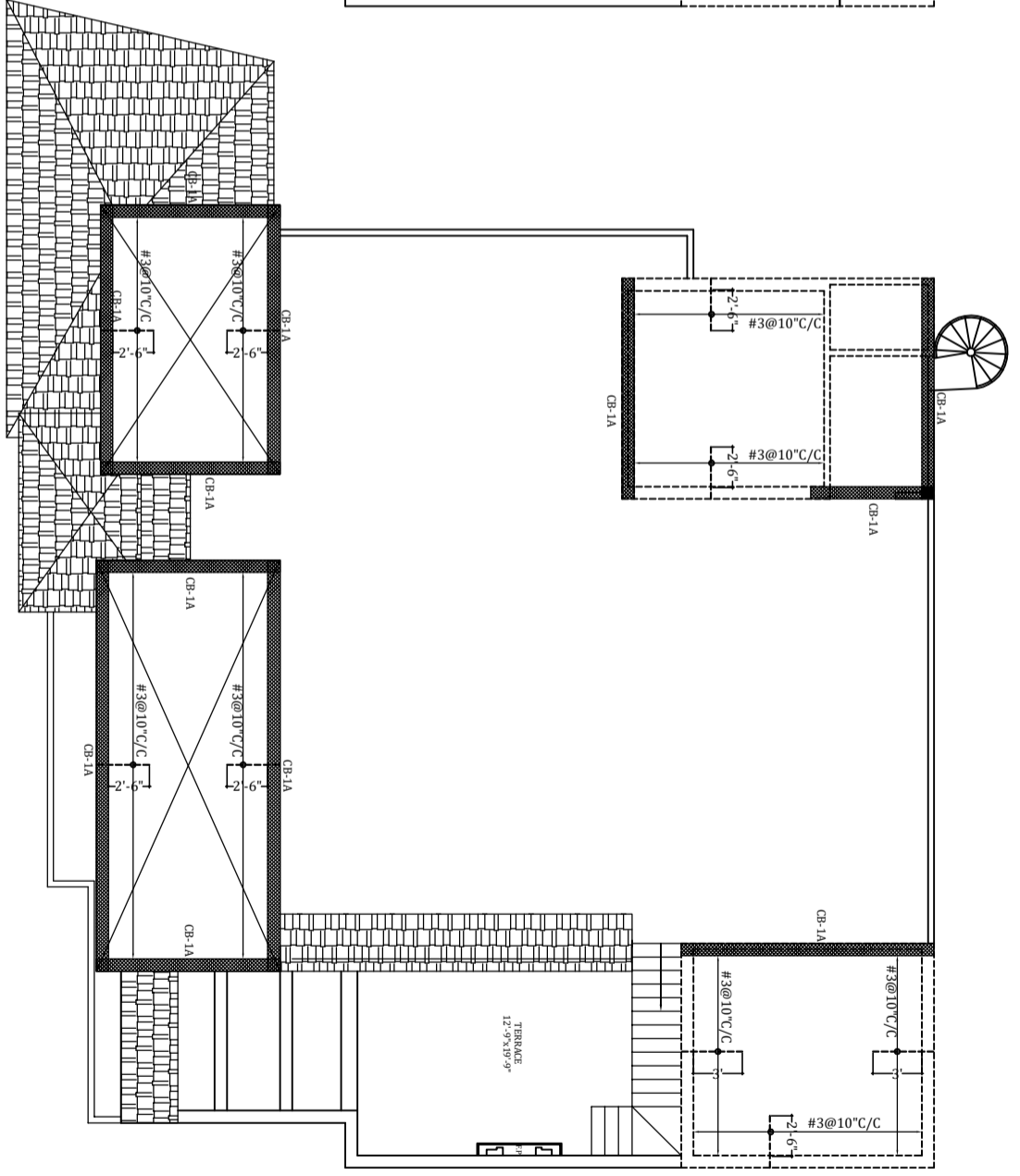
PROJECT NO: 000121

DRAWING NO: ST-09



MUMTY FLOOR BOTTOM STEEL

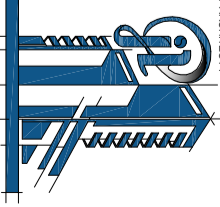
SLAB THICK



MUMTY FLOOR TOP STEEL

SLAB THICK

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CLIENT: #####

PROJECT: 75 X75' Proposed House  
 Bara Banda Pashawar.

TITLE:

Lintel & Beam Sections

DESIGN BY:

YASIR REHMANI

DRAWN BY:

BILAL AJMAL

CHECKED BY:

NADIR IQBAL

DATE:

4 August 2023

SCALE:

N.S.T

STATES:

FOR CONSTRUCTION

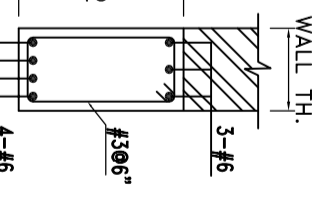
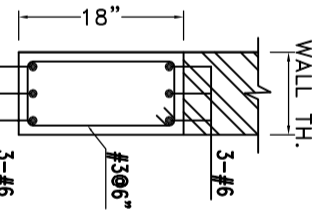
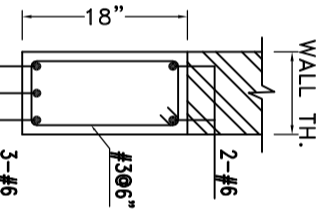
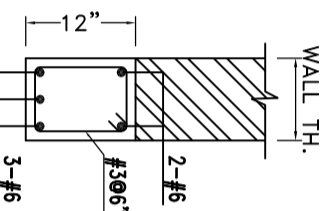
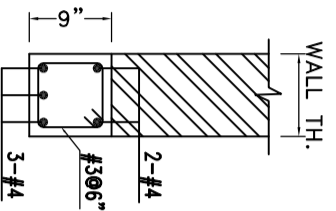
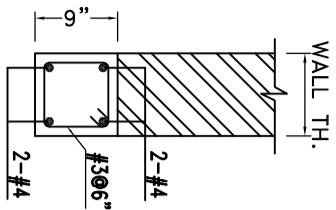
PROJECT NO:

000121

DRAWING NO:

ST-10

**LINTEL**



FOR SPAN UPTO 5'-0"

FOR SPAN 6' TO 8'

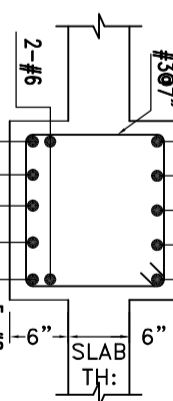
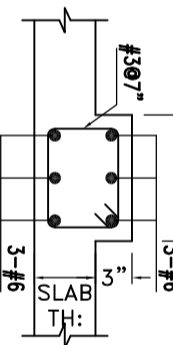
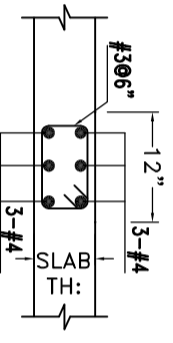
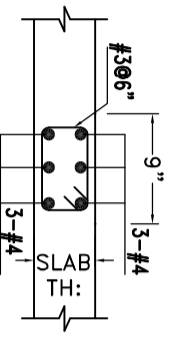
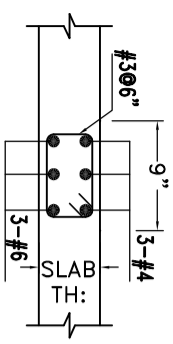
FOR SPAN 9' TO 10'

FOR SPAN 11' TO 12'

FOR SPAN 13' TO 14'

FOR SPAN 14' TO 18'

**BEAMS**



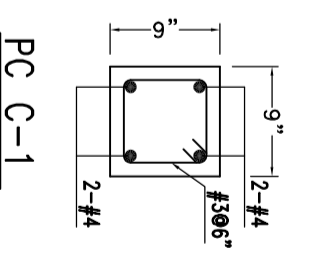
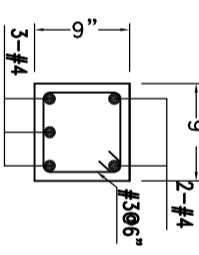
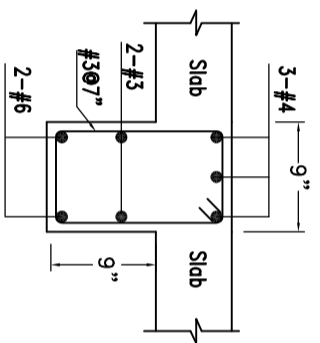
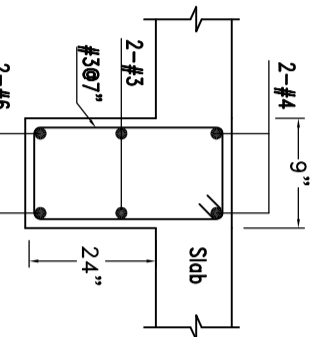
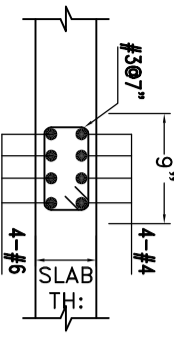
BEAM CB-1

BEAM CB-1A

BEAM CB-1B

BEAM CB-2

BEAM CB-3



BEAM CB-4

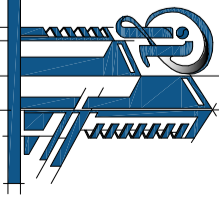
BEAM LB-1

BEAM B-1

BEAM RB-1

PICKUP COLUMN

**IR & ASSOCIATES**



**IR & ASSOCIATES**

ARCHITECTS, INTERIOR DESIGNER, CONSULTANT

BUILDERS

Plot No 60-C, L03 Commercial, 2nd Floor, 2nd Office, Near  
Bara Banda, Corporate Head Office, Bara Banda, Orsada Lahore  
P.H. 0306-4600097 Email: info@irassociates.com.pk  
0306-35454131 Web: www.irassociates.com.pk

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ALL DIMENSIONS TO BE VERIFIED ON SITE & APPROVED BY THE ENGINEER. THIS DRAWING IS FOR MECHANICAL, ELECTRICAL, STRUCTURAL AND ALL RELEVANT SECTIONS OF THE SPECIFICATIONS

CLIENT: #####

PROJECT: 75'X75' Proposed House

Bara Banda Pashawer.

TITLE:

Stair & Tank Sections

DESIGN BY:

YASIR REHMANI

DRAWN BY:

BILAL AJMAL

CHECKED BY:

NADIR IQBAL

DATE:

4 August 2023

SCALE:

N.S.T

STATES:

FOR CONSTRUCTION

PROJECT NO:

000121

DRAWING NO:

ST-11

