

PROPOSED WORKSHOP WITH APARTMENT



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P.O. Box 132 Kaneshie - Accra

ARCHITECTURAL DRAWINGS

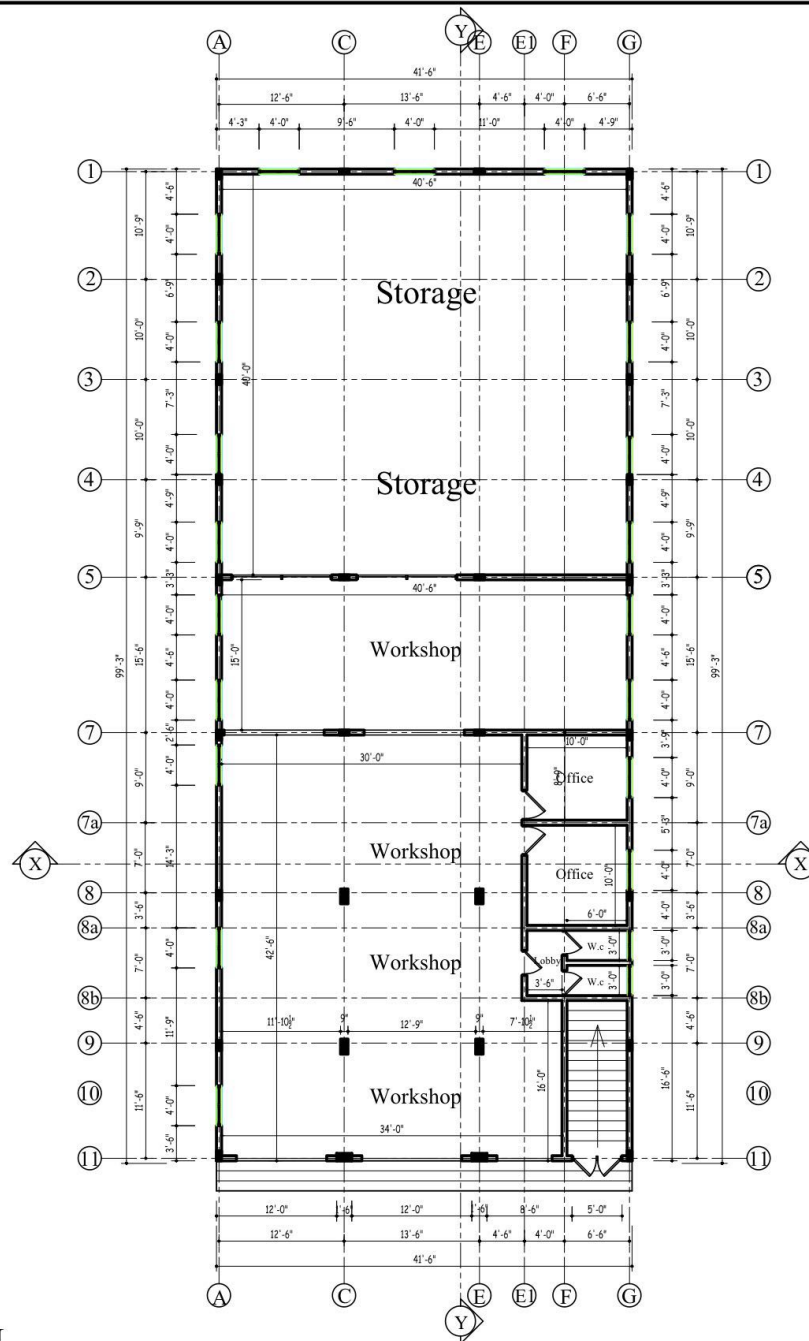


ARCHITECTURE | LAND & QUANTITY SURVEYING | CIVIL WORKS

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GROUND FLOOR PLAN

GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/ specification.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm
 - columns = 25mm
 - beams = 25mm
 - slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 143.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6881.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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NOTED:

DO NOT SCALE FROM DRAWING.
SEE ARCHITECT FOR CLARIFICATIONS.

PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

GROUND FLOOR PLAN

DESIGNED BY:
ABIIZI CONSTRUCTION

DRAWN BY:
ABIIZI CONSTRUCTION

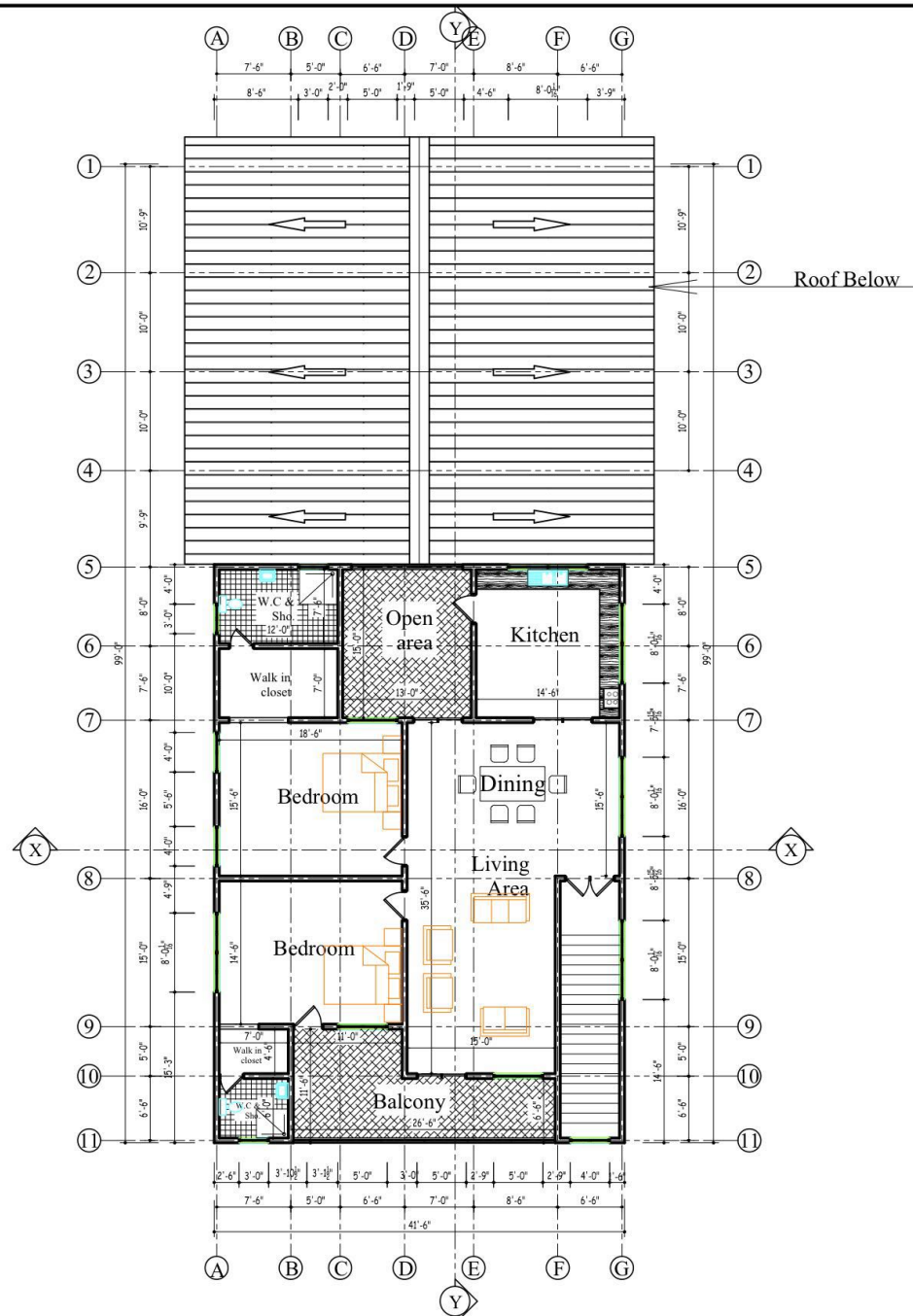
SCALE: 1/8", 1/4" = 1'-0"

DATE : OCTOBER, 2024

DRWG.No.

AC /DW/ 02

FIRST FLOOR PLAN



GENERAL NOTES

- concrete grade shall be C25, and it to have a minimum crushing strength of 20N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/supervision.
- Use mild steel reinforcement (R) of characteristic strength 250 N/mm².
- All Reinforcement are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm;
 - columns = 40mm;
 - beams = 25mm;
 - slabs = 15mm;
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of galvanized mild and high tensile steel bars complying with the current B.S. 4449.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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NOTED:

DO NOT SCALE FROM DRAWING.
SEE ARCHITECT FOR CLARIFICATIONS.

PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

FIRST FLOOR PLAN

DESIGNED BY:
ABILZI CONSTRUCTION

DRAWN BY:
ABILZI CONSTRUCTION

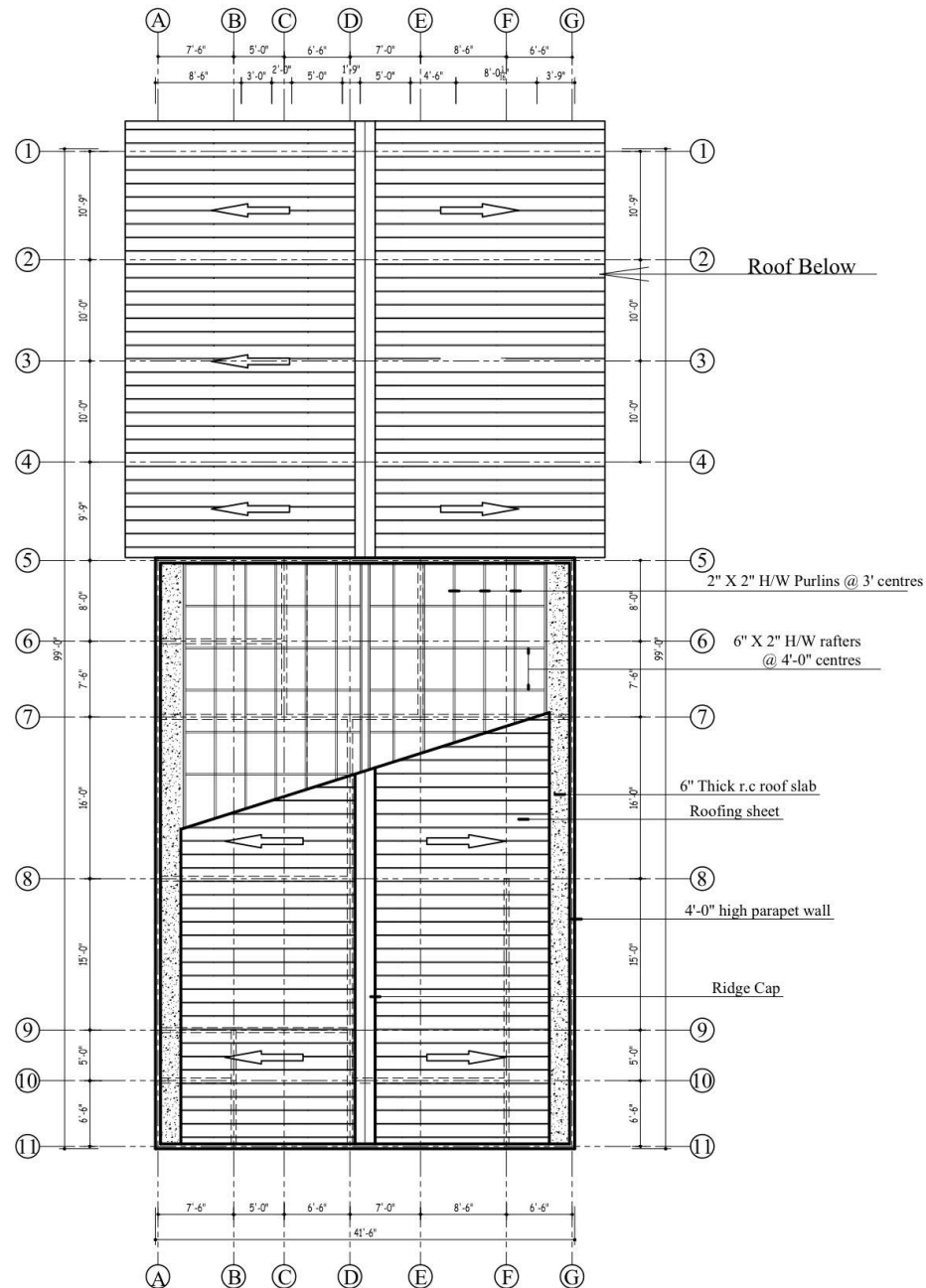
SCALE: 1/8", 1/4" = 1'-0"

DATE: OCTOBER, 2024

DRWG.No.

AC /DW/ 03

ROOF PLAN



GENERAL NOTES

- concrete grade shall be C25, and it to have a minimum crushing strength of 20N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/supervision.
- Use mild steel reinforcement (B) of characteristic strength 235 N/mm².
- All thickness are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
foundation = 50mm;
columns = 40mm;
beams = 25mm;
slabs = 15mm.
- Coarse aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed gravel of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrators shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of hot-rolled mild and high tensile steel bars complying with the current B.S. 4449.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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NOTED:

DO NOT SCALE FROM DRAWING.
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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

ROOF PLAN

DESIGNED BY:
ABIZI CONSTRUCTION

DRAWN BY:
ABIZI CONSTRUCTION

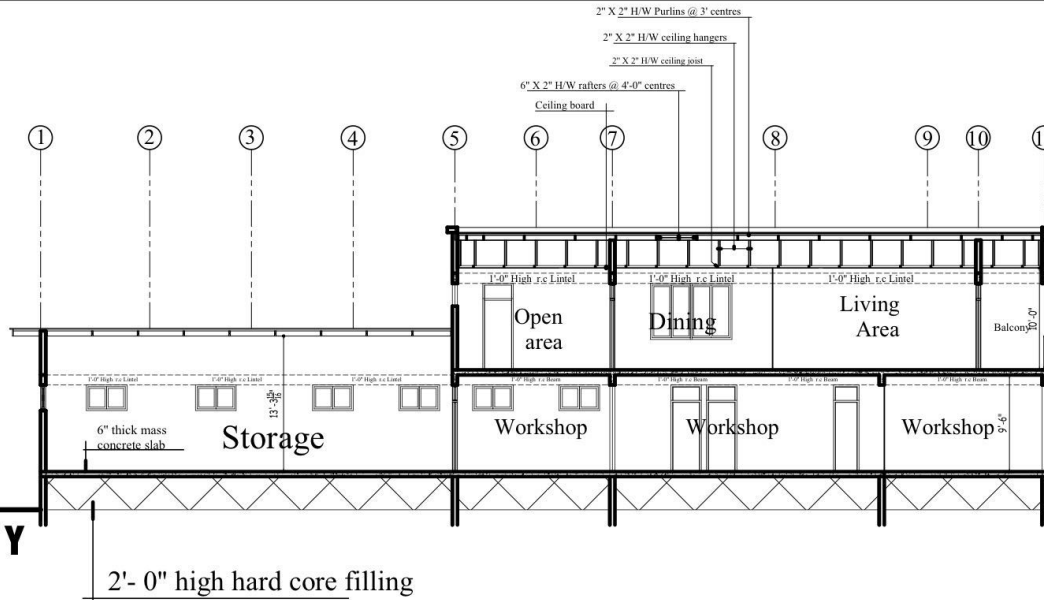
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DATE: OCTOBER, 2024

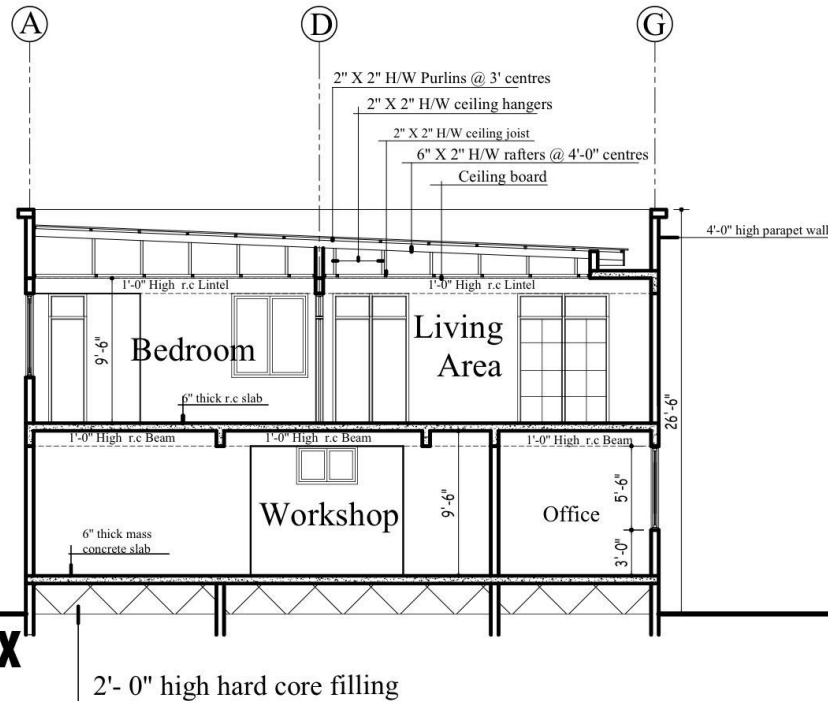
DRWG.No.

AC /DW/ 04

SECTION Y - Y



SECTION X - X



GENERAL NOTES

- concrete grade shall be C25, and it to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/supervision.
- Use mild steel reinforcement (B) of characteristic strength 235 N/mm².
- All Reinforcement are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm;
 - columns = 25mm;
 - beams = 25mm;
 - slabs = 15mm;
- Coarse aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of hot-rolled mild and high tensile steel bars complying with the current B.S. 4449.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

SECTIONAL DETAILS

DESIGNED BY:
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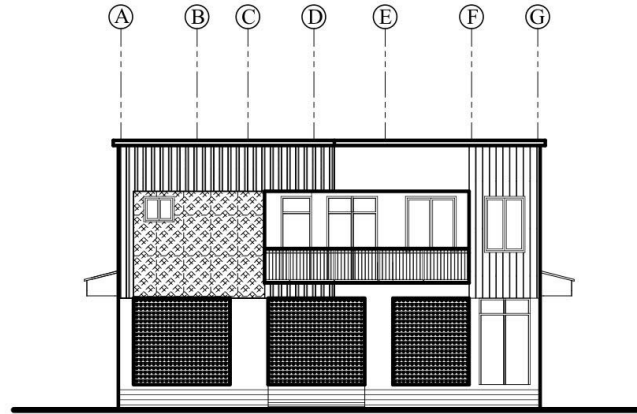
DRAWN BY:
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SCALE: 1/8", 1/4" = 1'-0"

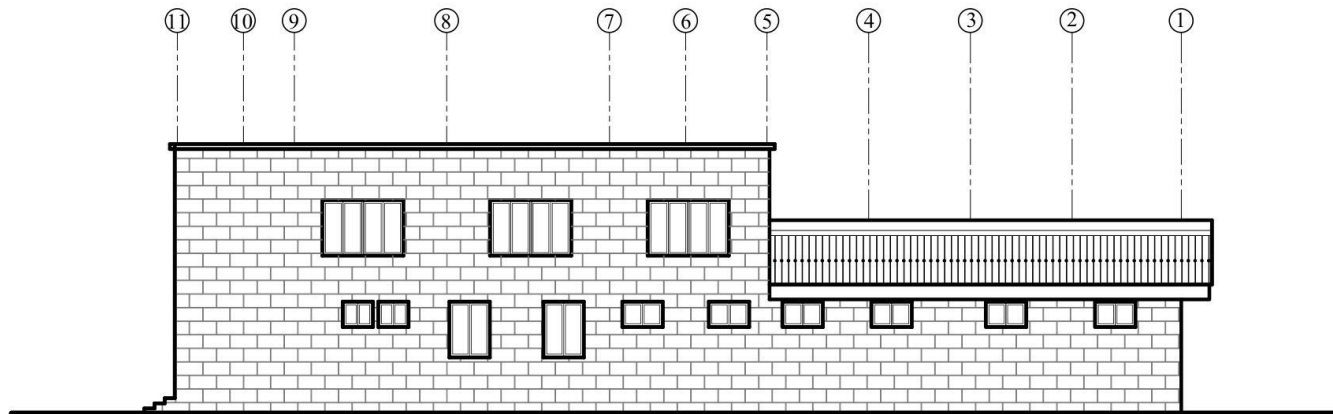
DATE: OCTOBER, 2024

DRWG.No.

AC /DW/ 05



FRONT VIEW



RIGHT-SIDE VIEW

GENERAL NOTES

- concrete grade shall be C25, and it to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/ specifications.
- Use mild steel reinforcement (R) of characteristic strength 250 N/mm².
- All Reinforcement are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be
 foundation = 50mm;
 columns = 40mm;
 beams = 25mm;
 slabs = 15mm.
- Coarse aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrators shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be omitted without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of hot-rolled mild and high tensile steel bars complying with the current B.S. 4449.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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NOTES:

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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

**FRONT AND RIGHT-SIDE
VIEW**

DESIGNED BY:
ABILZI CONSTRUCTION

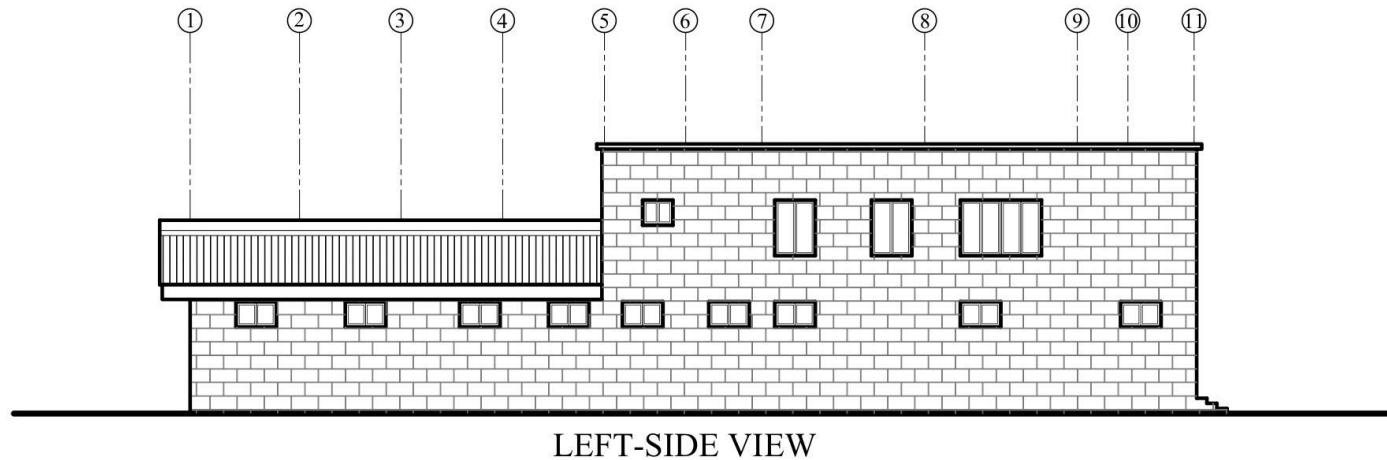
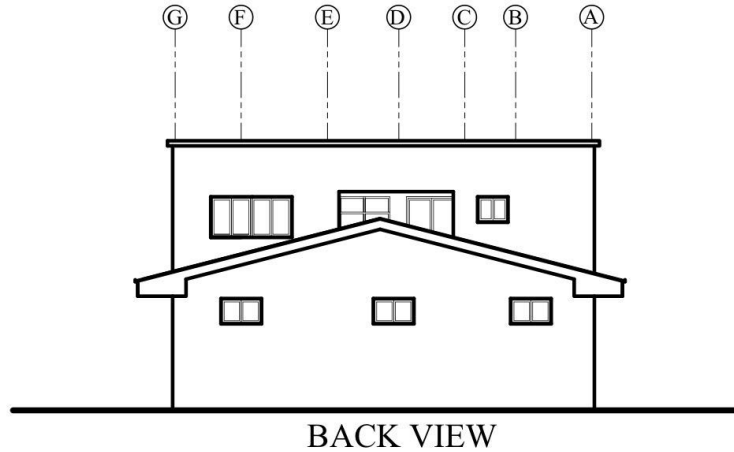
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ABILZI CONSTRUCTION

SCALE: 1/8", 1/4"= 1'-0"

DATE : OCTOBER, 2024

DRWG.No.

AC /DW/ 06



GENERAL NOTES

- concrete grade shall be C25, and it to have a minimum crushing strength of 20N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/supervision.
- Use mild steel reinforcement (R) of characteristic strength 235 N/mm².
- All Reinforcement are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be
 - foundation = 50mm;
 - columns = 40mm;
 - beams = 25mm;
 - slabs = 15mm;
- Coarse aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrators shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of hot-rolled mild and high tensile steel bars complying with the current B.S. 4449.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

**BACK AND LEFT-SIDE
VIEW**

DESIGNED BY:
ABIIZI CONSTRUCTION

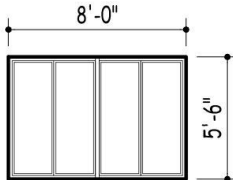
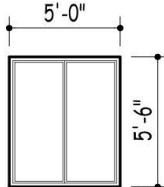
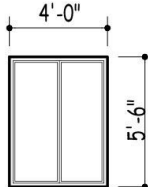
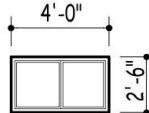
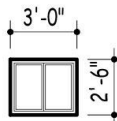
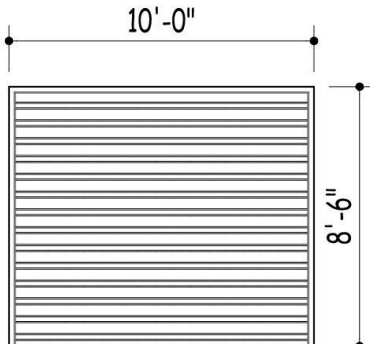
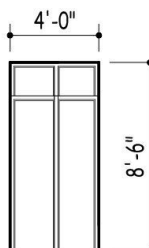
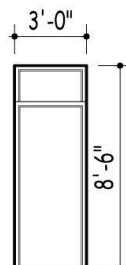
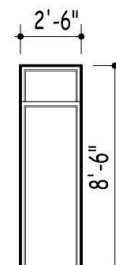
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ABIIZI CONSTRUCTION

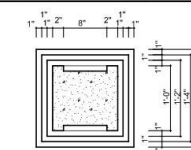
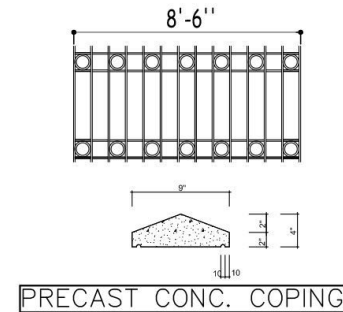
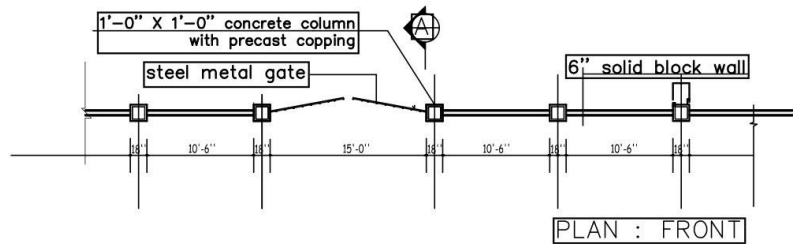
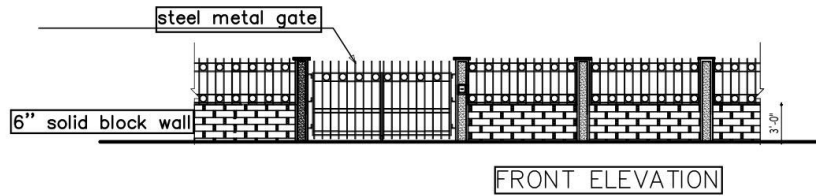
SCALE: 1/8", 1/4"= 1'-0"

DATE : OCTOBER, 2024

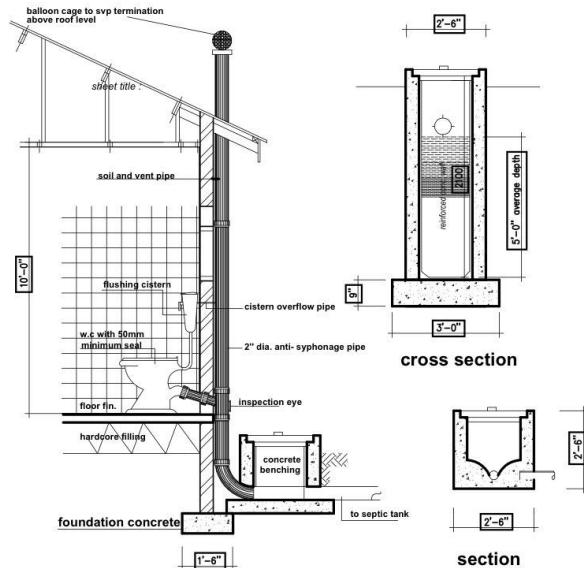
DRWG.No.

AC /DW/ 07

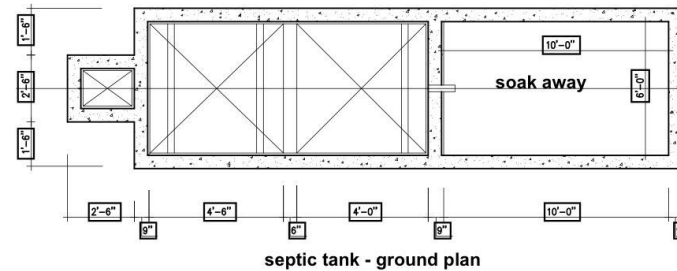
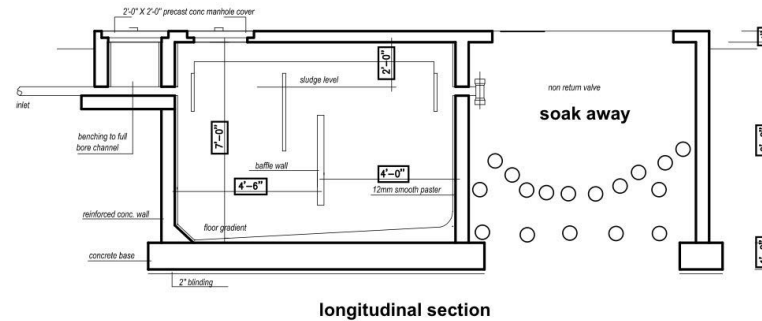
										GENERAL NOTES 1. concrete grade shall be C25, and it to have a minimum crushing strength of 20N/mm² at 28 days. 2. This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/ specifications. 3. Use mild steel reinforcement (R) of characteristic strength 250 N/mm². 4. All Reinforcement are non-load bearing. 5. Consult the Engineer before commencement of construction or any changes made. 6. All dimensions are in millimetres unless otherwise stated. 7. The covers for main reinforcement shall unless specified otherwise be foundation = 50mm; columns = 40mm; beams = 25mm; slabs = 15mm. 8. Coarse aggregates shall consist of crushed rock of either granite, basalt or quartzite. 9. Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand. 10. Max. size of aggregates shall be 20mm graded down to 10mm. 11. Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146. 12. Mechanical vibrations shall be used throughout all concreting operations. 13. Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure. 14. No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise. 15. The steel shall be of hot-rolled mild and high tensile steel bars complying with the current B.S. 4449. 16. Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with. 17. Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete. 18. Water used for the concrete mix must necessarily be potable.  +233247821343 +233204516301 info@abizi.com www.abizi.com P.O. Box 132 Kumbur - Accra									
Description: W 1		Description: W 2		Description: W 3		Description: W 4		Description: W 5											
Quantity: 3		Quantity: 4		Quantity: 18		Quantity: 19		Quantity: 5											
Location: Living area, Bedrooms and Kitchen		Location: Living area and Bedrooms		Location: Offices, Bedrooms and Kitchen		Location: Workshop and storage		Location: washrooms											
								NOTED: DO NOT SCALE FROM DRAWING. SEE ARCHITECT FOR CLARIFICATIONS. PROJECT PROPOSED WORKSHOP WITH APARTMENT CLIENT: TITLE DOORS AND WINDOWS SCHEDULE DESIGNED BY: ABIZI CONSTRUCTION DRAWN BY: ABIZI CONSTRUCTION SCALE: 1/8", 1/4"= 1'-0" DATE : OCTOBER, 2024 DRWG.No. AC /DW/ 08											
Description: D 1		Description: D 2		Description: D 3		Description: D 4													
Quantity: 5		Quantity: 3		Quantity: 5		Quantity: 5													
Location: Workshop		Location: Living Areas and Stair wells		Location: Bedrooms and Kitchen		Location: washrooms													



SCALE: 1:5



mortar mix for joint 14" grips should be made under joint.
allow shanks of drains to rest on rammed earth base (drain gradient 21-40)



GENERAL NOTES

- concrete grade shall be C25, and it to have a minimum crushing strength of 20N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architects/Engineers drawings/ specifications.
- Use mild steel reinforcement (R) of characteristic strength 250 N/mm².
- All Reinforcement are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimeters unless otherwise stated.
- The covers for man reinforcement shall unless specified otherwise be:
 - foundation = 50mm;
 - columns = 40mm;
 - beams = 25mm;
 - slabs = 15mm;
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Concrete shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of delivered mild and high tensile steel bars complying with the current B.S. 4449.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



Abizi Construction

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NOTES:

DO NOT SCALE FROM DRAWING.
SEE ARCHITECT FOR CLARIFICATIONS.

PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

**FENCE WALL AND
SEWAGE DETAILS**

DESIGNED BY:
ABIZI CONSTRUCTION

DRAWN BY:
ABIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

DATE: OCTOBER, 2024

DRWG.No.

AC/DW/O9

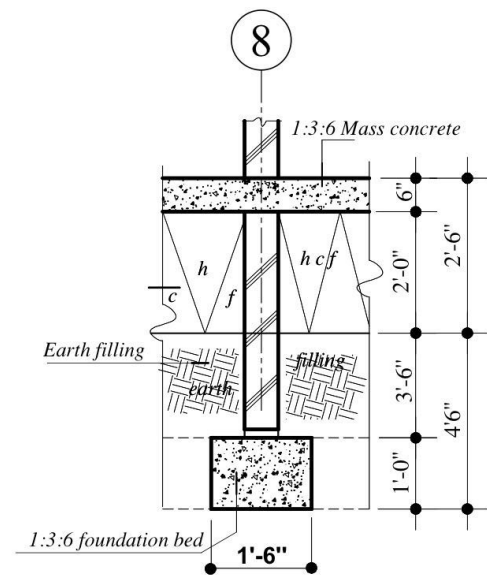
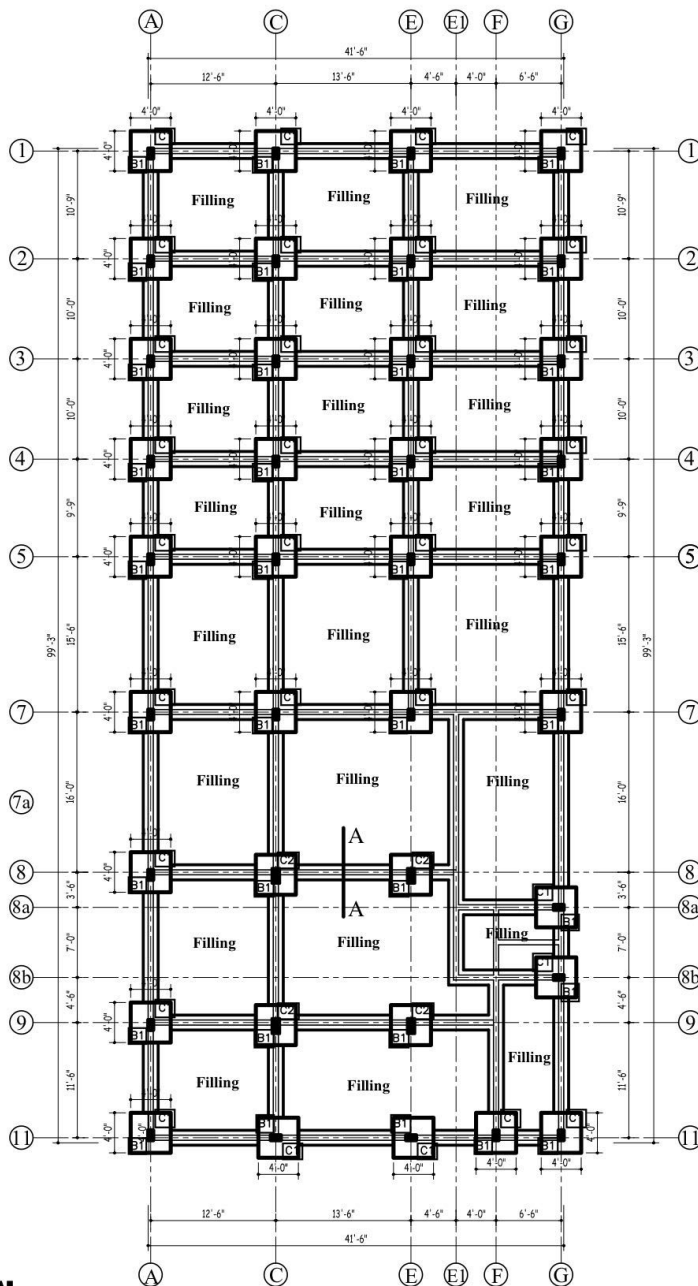
STRUCTURAL DRAWINGS



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SECTION. A:A

GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/m² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/ specification.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 foundation = 50mm
 columns = 25mm
 beams = 25mm
 slabs = 15mm
- Cover aggregate shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding control out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6445.
- Any consignment of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.

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NOTE:
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 SEE ARCHITECT FOR CLARIFICATIONS.

PROJECT
 PROPOSED WORKSHOP WITH
 APARTMENT

CLIENT:

TITLE
FOUNDATION PLAN

DESIGNED BY:
 ABIIZI CONSTRUCTION

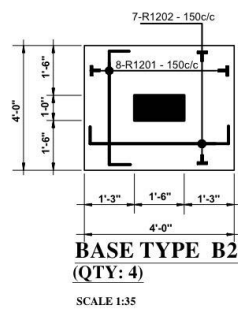
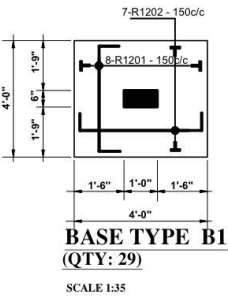
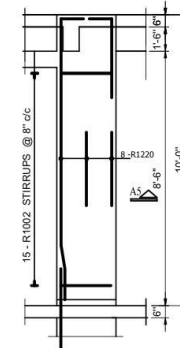
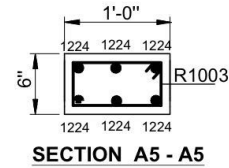
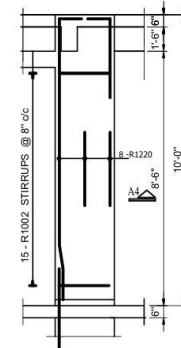
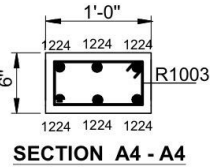
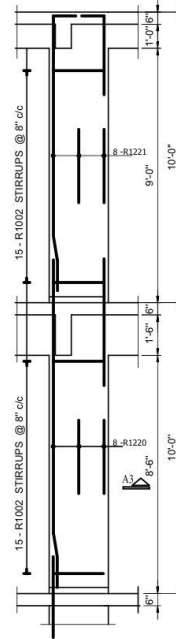
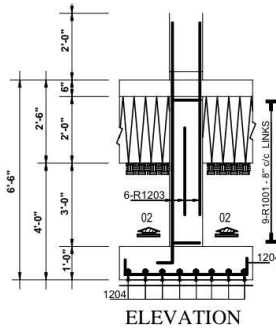
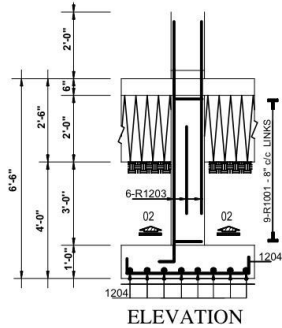
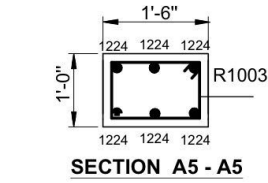
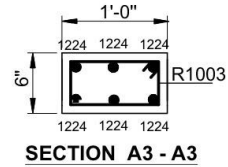
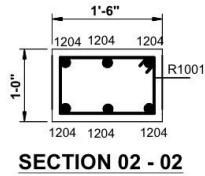
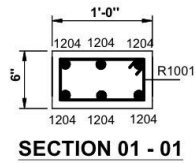
DRAWN BY:
 ABIIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

DATE : OCTOBER, 2024

DRWG.No.
 AC /DW/ 10

FOUNDATION PLAN



GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's/Engineer's drawings/ specifications.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All brackets are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimeters unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm
 - columns = 25mm
 - beams = 25mm
 - slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding control unit. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6848.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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NOTES:

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PROJECT

**PROPOSED WORKSHOP WITH
APARTMENT**

CLIENT:

TITLE:

**R.C COLUMN AND
BASE DETAILS**

DESIGNED BY:
ABIIZI CONSTRUCTION

DRAWN BY:
ABIIZI CONSTRUCTION

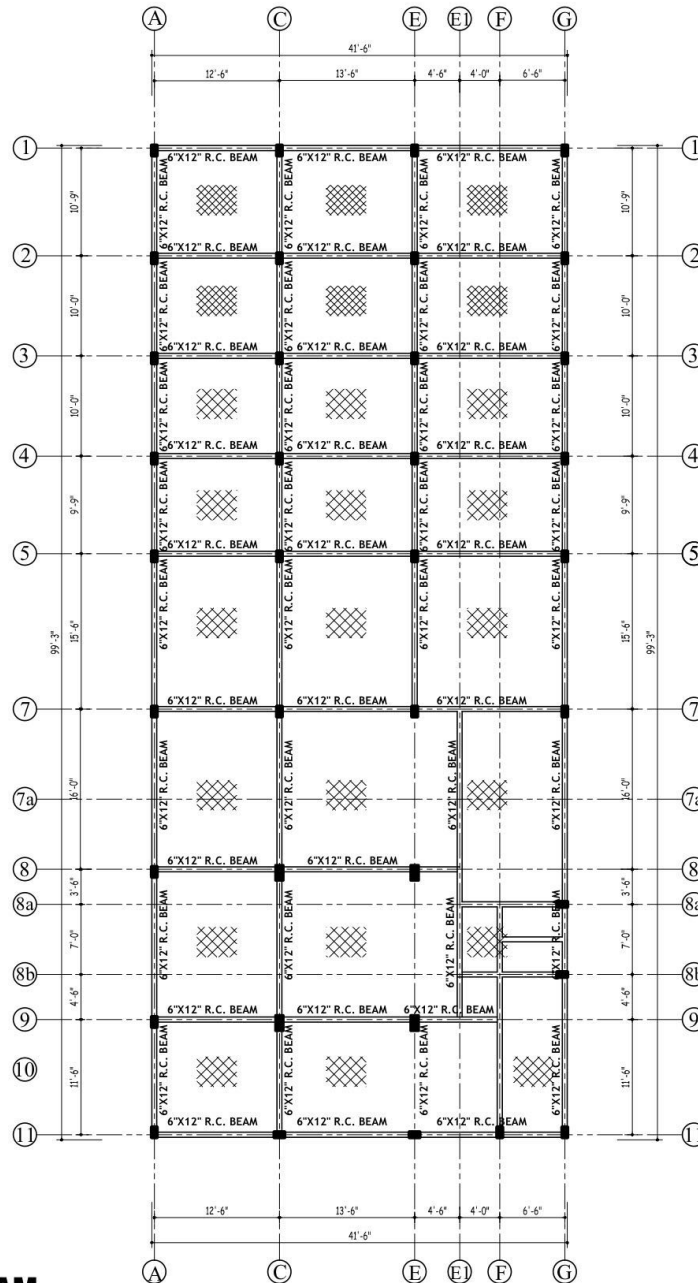
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DATE : OCTOBER, 2024

DRWG.No.

AC/DW/11

**R.C COLUMN AND
BASE DETAILS**



GROUND FLOOR - GROUND BEAM

GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/ specification.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
foundation = 50mm
columns = 25mm
beams = 25mm
slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6440.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

**GROUND FLOOR -
GROUND BEAM**

DESIGNED BY:
ABIIZI CONSTRUCTION

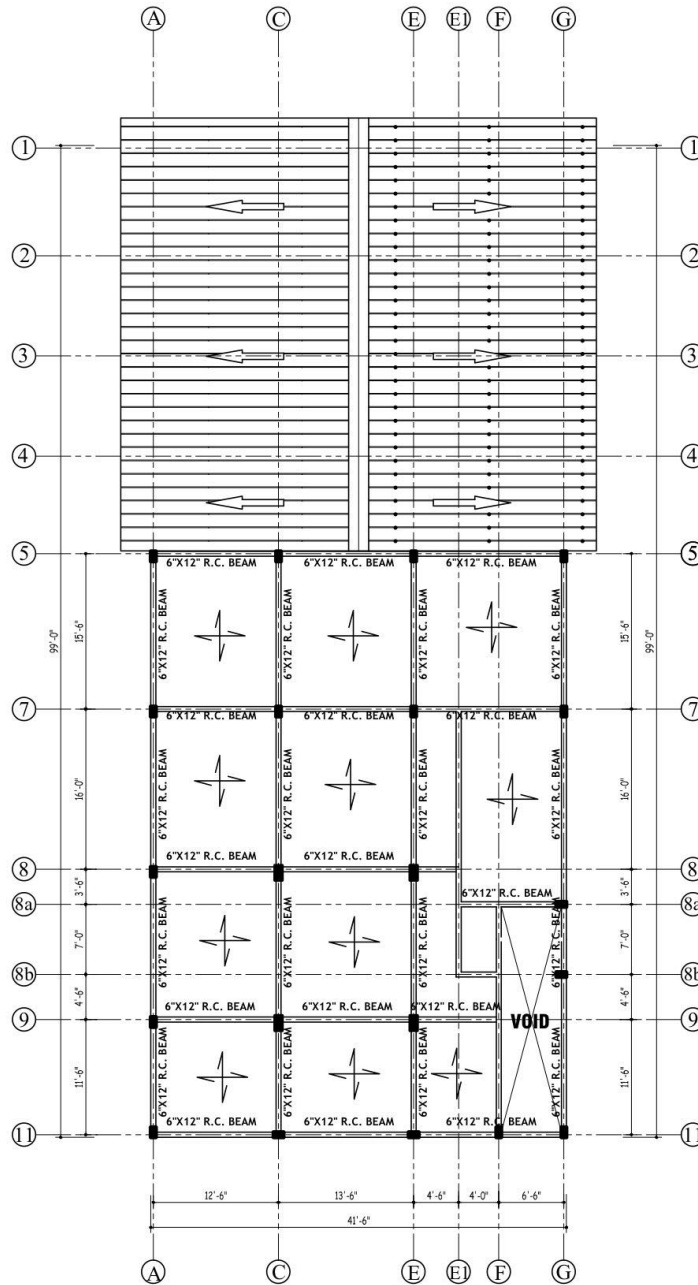
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ABIIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

DATE : OCTOBER, 2024

DRWG.No.

AC /DW/ 12



**FIRST FLOOR GENERAL
BEAM ARRANGEMENT**

GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/supervision.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
foundation = 50mm
columns = 25mm
beams = 25mm
slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding control unit. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6840.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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PROJECT

**PROPOSED WORKSHOP WITH
APARTMENT**

CLIENT:

TITLE:

FIRST FLOOR GENERAL BEAM ARRANGEMENT

DESIGNED BY:
ABIIZI CONSTRUCTION

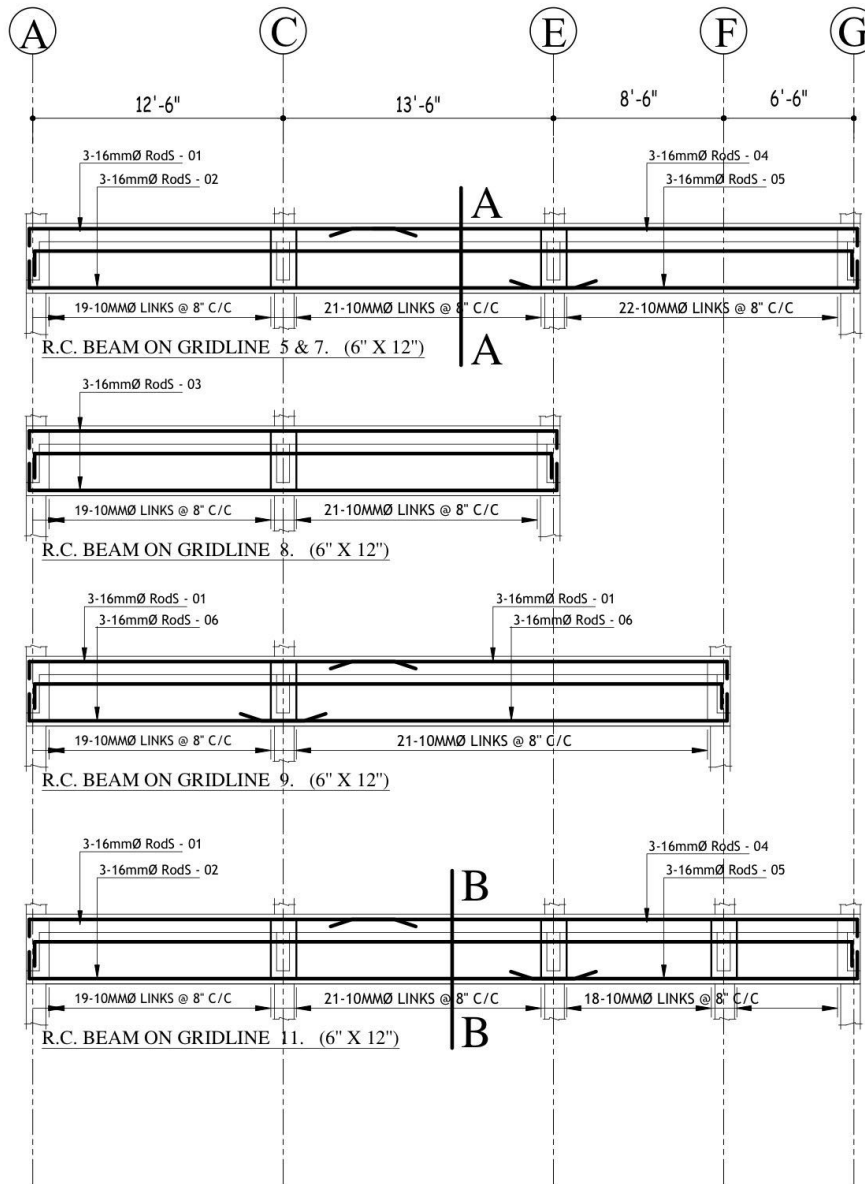
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ABIIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

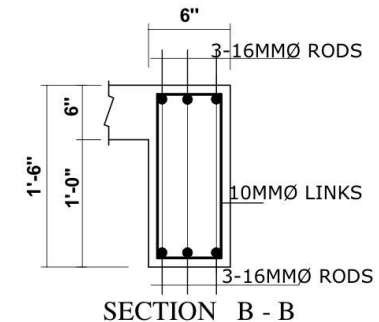
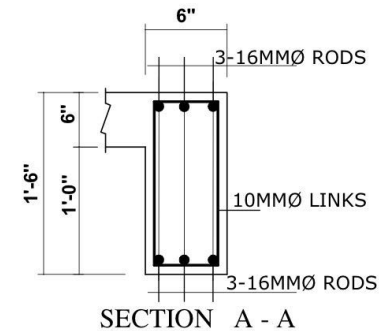
DATE : OCTOBER, 2024

DRWG.No.

AC /DW/ 13



BENDING SCHEDULE					
BAR No.	DIA.	QTY	LENG.	BAR SHAPE	
R. C. DET.- FIRST FLOOR BEAM					
1601	1/2"	4	21'-0"	6"	20'-6"
1602	1/2"	3	30'-0"	6"	29'-6"
1603	1/2"	1	27'-0"	6"	26'-0"
1604	1/2"	3	28'-0"	6"	27'-6"
1605	1/2"	6	18'-0"	6"	17'-6"
1606	1/2"	1	16'-0"	6"	15'-6"
1607	1/2"	1	25'-0"	6"	24'-6"
1608	1/2"	6	24'-0"	6"	23'-6"
1609	1/2"	6	25'-0"	6"	25'-0"
1610	1/2"	1	24'-0"	6"	23'-0"



GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/m² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/ specifications.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork is non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimeters unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm
 - columns = 25mm
 - beams = 25mm
 - slabs = 15mm
- Cover aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 143.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding control unit. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6448.
- Any cement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

**FIRST FLOOR GENERAL
BEAM ARRANGEMENT**

DESIGNED BY:
ABIIZI CONSTRUCTION

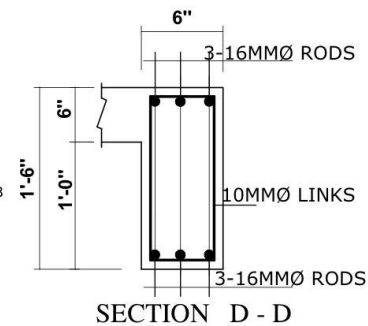
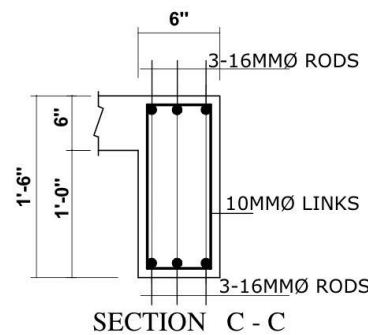
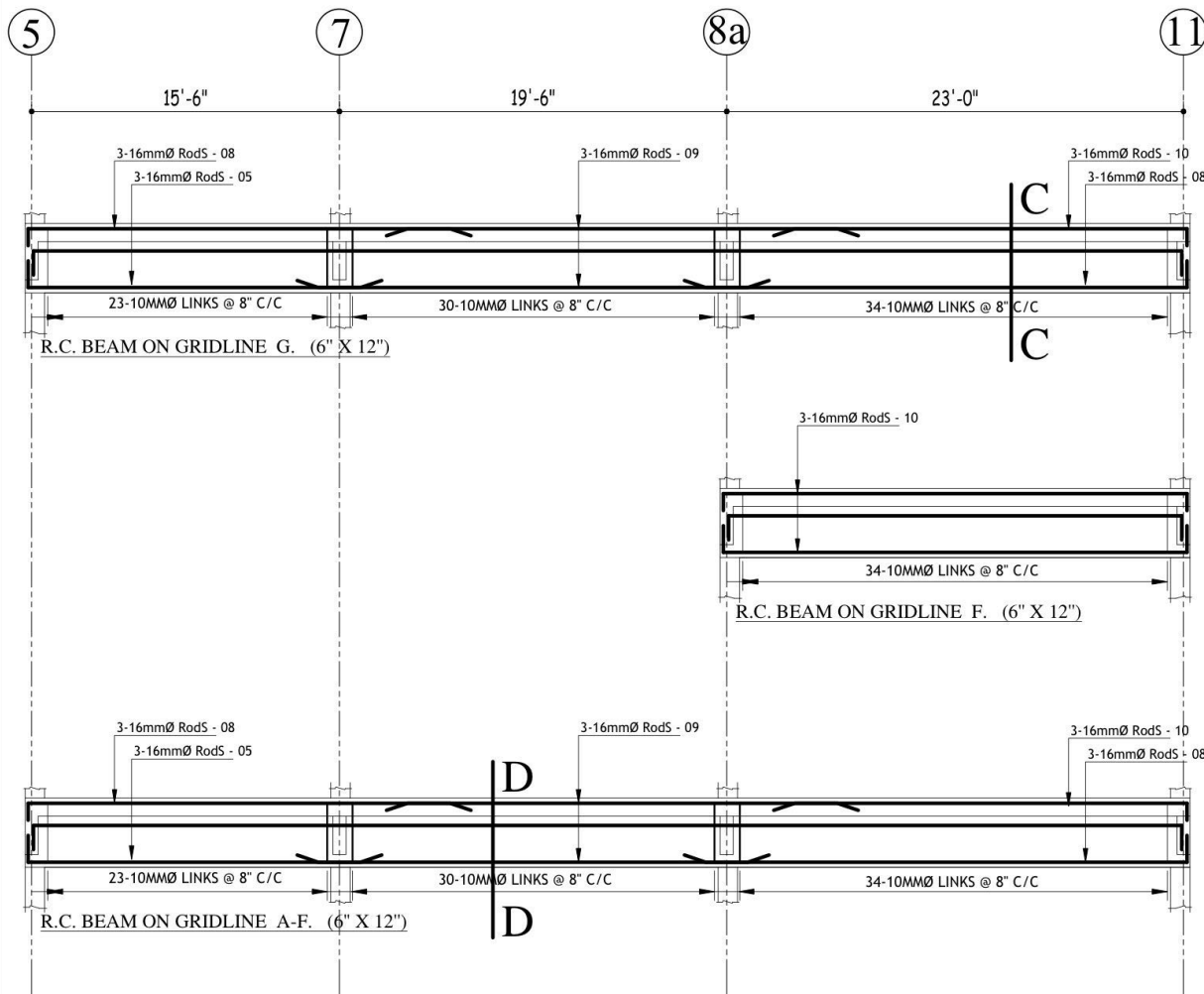
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ABIIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

DATE : OCTOBER, 2024

DRWG.No.

AC/DW/ 14



GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's drawings/ specifications.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm
 - columns = 25mm
 - beams = 25mm
 - slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding control unit. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6445.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

**FIRST FLOOR GENERAL
BEAM ARRANGEMENT**

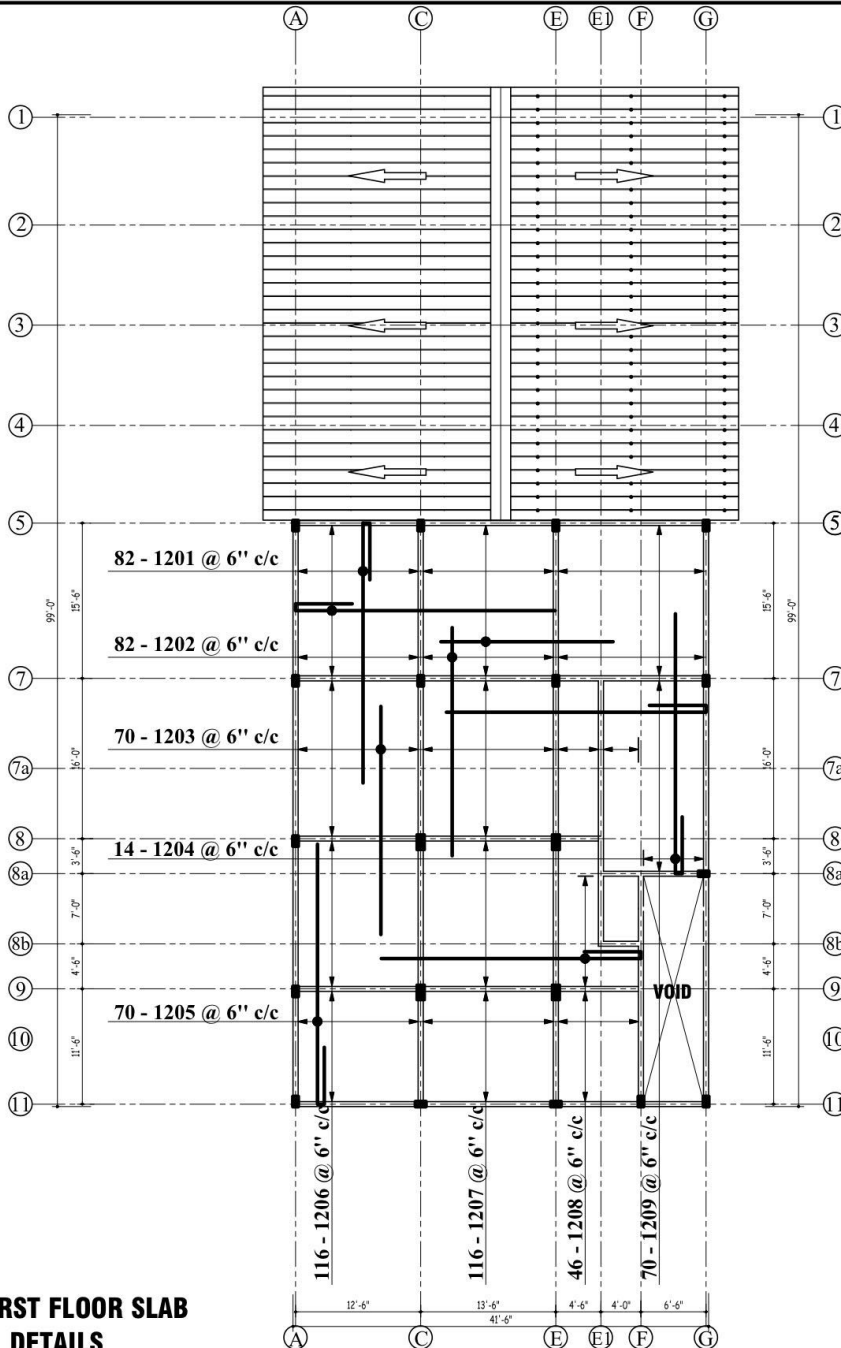
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ABIIZI CONSTRUCTION

DRAWN BY:
ABIIZI CONSTRUCTION

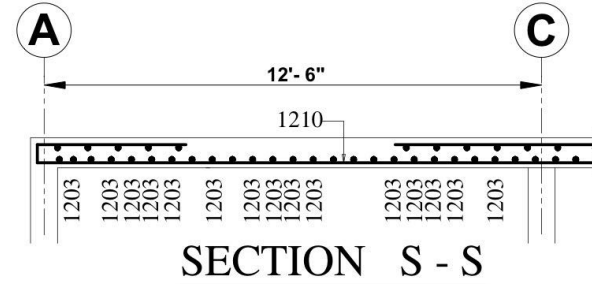
SCALE: 1/8", 1/4" = 1'-0" DATE: OCTOBER, 2024

DRWG.No.

AC/DW/ 15



**R.C FIRST FLOOR SLAB
DETAILS**



BENDING SCHEDULE

BAR No.	DIA	QTY	LENG.	BAR SHAPE
R . C . DET.-FIRST FLOOR SLAB				
1201	1/2"	82	30'-0"	25'-0" 4'-6" 6"
1202	1/2"	82	25'-0"	25'-0"
1203	1/2"	70	20'-0"	20'-0"
1204	1/2"	14	28'-0"	23'-0" 4'-6" 6"
1205	1/2"	70	30'-0"	25'-0" 4'-6" 6"
1206	1/2"	116	30'-0"	25'-0" 4'-6" 6"
1207	1/2"	116	15'-0"	15'-0"
1208	1/2"	46	28'-0"	23'-0" 4'-6" 6"
1209	1/2"	70	30'-0"	25'-0" 4'-6" 6"

GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/ specifications.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 - foundation = 50mm
 - columns = 25mm
 - beams = 25mm
 - slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 146.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding control out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6446.
- Any reinforcement of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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SEE ARCHITECT FOR CLARIFICATIONS.

PROJECT

**PROPOSED WORKSHOP WITH
APARTMENT**

CLIENT:

TITLE:

**R.C FIRST FLOOR SLAB
DETAILS**

DESIGNED BY:
ABIIZI CONSTRUCTION

DRAWN BY:
ABIIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

DATE : OCTOBER, 2024

DRWG.No.

AC /DW/ 1 G

BENDING SCHEDULE STAIRCASE (2) DETAIL

BAR No.	DIA. mm.	QTY	LENGTH	BAR SHAPE
1201	12	6	7'-2"	5'-0" 18" 16"
1202	12	6	23'-2"	3'-0" 19'-06" 18"
1203	12	6	10'-10"	6'-0" 4'-10"
1204	12	23	3'-0"	STRAIGHT

GENERAL NOTES

- concrete grade shall be C25, and is to have a minimum crushing strength of 25N/mm² at 28 days.
- This drawing is to be read in conjunction with all relevant Architect's Engineer's drawings/ specifications.
- Use mild steel reinforcement (B) of characteristic strength 250 N/mm².
- All blockwork are non-load bearing.
- Consult the Engineer before commencement of construction or any changes made.
- All dimensions are in millimetres unless otherwise stated.
- The covers for main reinforcement shall unless specified otherwise be:
 foundation = 50mm
 columns = 25mm
 beams = 25mm
 slabs = 15mm
- Concrete aggregates shall consist of crushed rock of either granite, basalt or quartzite.
- Fine aggregates shall consist of sand or crushed rock of one or more of types given above or crushed gravel and sand.
- Max. size of aggregates shall be 20mm graded down to 10mm.
- Cement shall be ordinary Portland cement to B.S. 12 or B.S. 143.
- Mechanical vibrations shall be used throughout all concreting operations.
- Construction joints not indicated on the drawings shall be so made and located as not to significantly impair the strength of the structure.
- No reinforcing bar shall be welded without the written permission of the Engineer before any welding carried out. Details of welding process shall be submitted to the Engineer for his approval or otherwise.
- The steel shall be of defined mild and high tensile steel bars complying with the current B.S. 6449.
- Any congruence of steel intended to be used for this project shall be accompanied by the Manufacturer's test certificate stipulating that the above specification has been complied with.
- Aggregates shall not contain any harmful material in sufficient quantity to adversely affect the strength, wear resistance or durability of the concrete.
- Water used for the concrete mix must necessarily be potable.



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NOTED:

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PROJECT

PROPOSED WORKSHOP WITH
APARTMENT

CLIENT:

TITLE

R.C STAIRCASE DETAILS

DESIGNED BY:
ABIIZI CONSTRUCTION

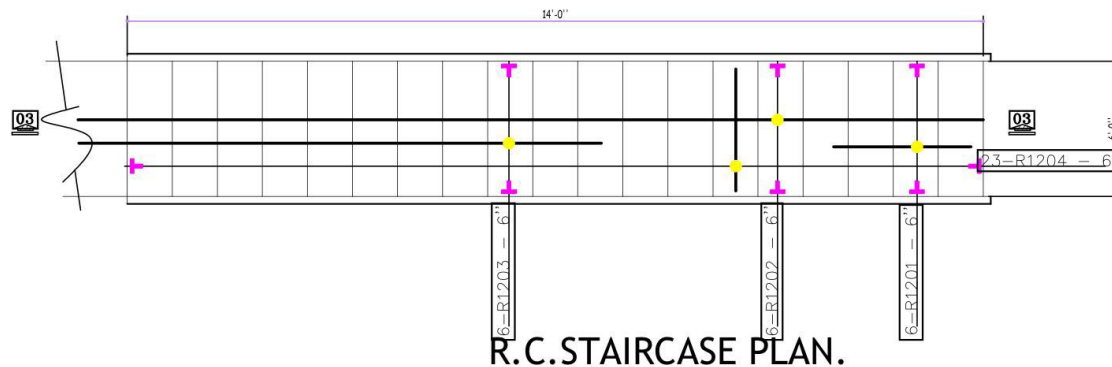
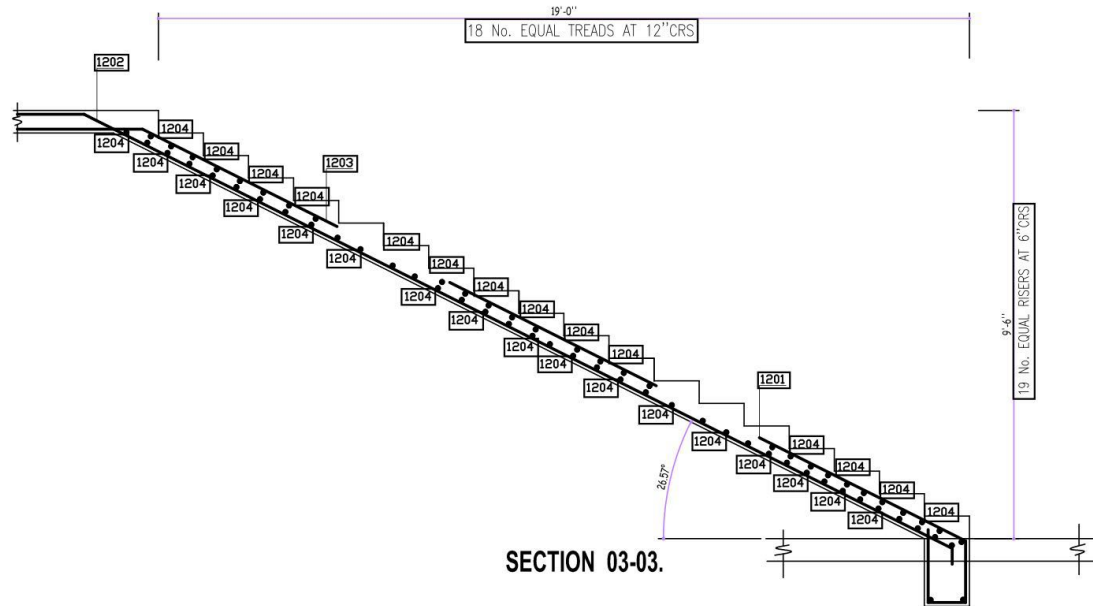
DRAWN BY:
ABIIZI CONSTRUCTION

SCALE: 1/8", 1/4" = 1'-0"

DATE: OCTOBER, 2024

DRWG.No.

AC /DW/ 17



R.C. STAIRCASE PLAN.