

ARCHITECTURAL AND STRUCTURAL DRAWINGS OF

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

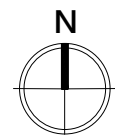
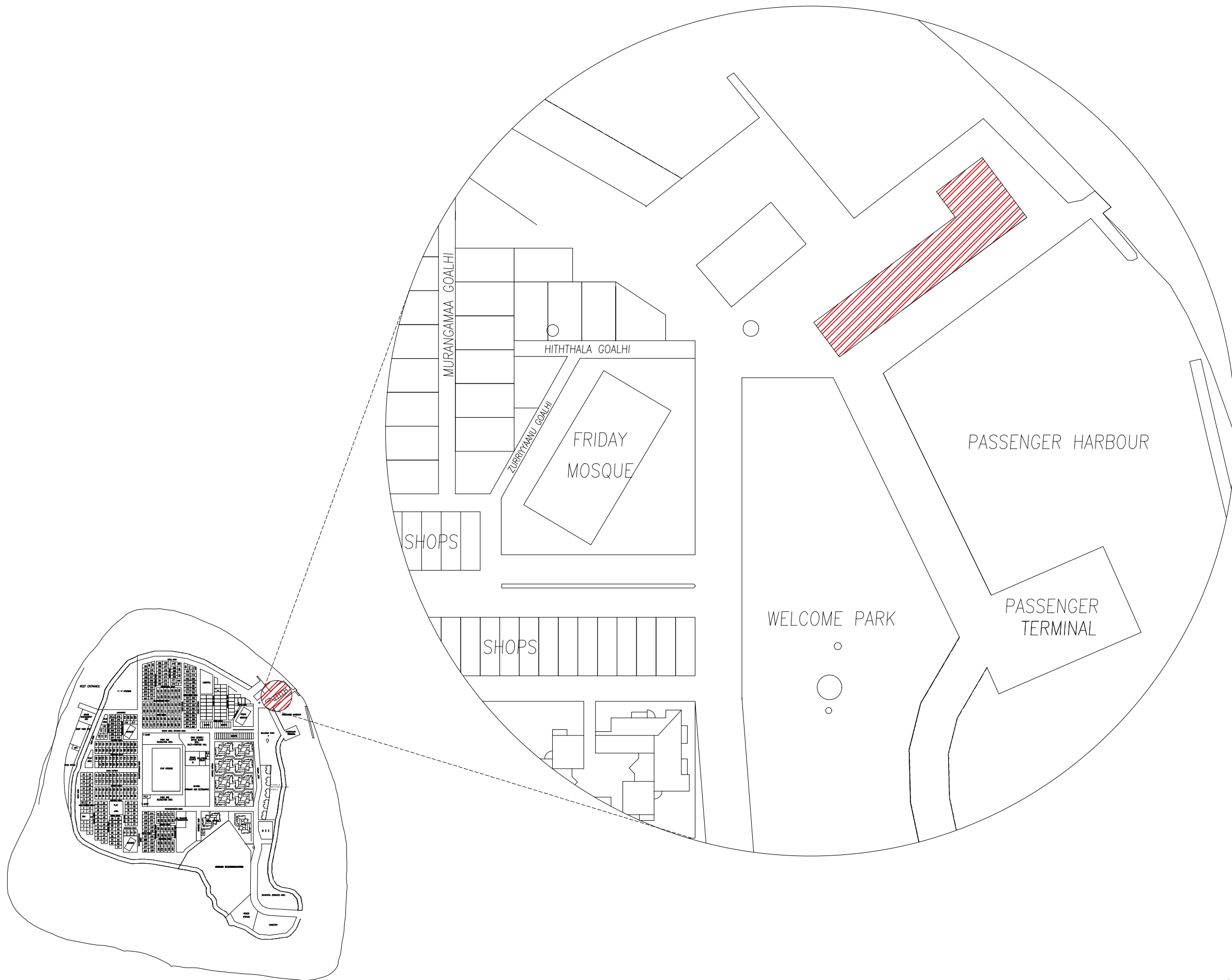
For Local Government Authority

By Epoch Associates Pvt. Ltd



CONTENTS

ARCHITECTURAL DRAWINGS	
Location Plan	A.1.01
Site A Plan	A.1.02
Site B Plan	A.1.03
Ground Floor A Plan	A.2.01
Ground Floor B Plan	A.2.02
First Floor A Plan	A.2.03
First Floor B Plan	A.2.04
Roof A plan	A.2.05
Roof B plan	A.2.06
Elevation (A) E1	A.3.01
Elevation (B) E1	A.3.02
Elevation (A) E2	A.3.03
Elevation (B) E2	A.3.04
Section (A) XX	A.3.05
Section (B) XX	A.3.06
Doors & Windows Schedule -1	A.4.01
Stair Detail	A.D.01
Balcony Railing Detail	A.D.02
Typical Ground Slab Detail	A.D.03
Typical Opening Detail	A.D.04
Typical Wall Construction Detail	A.D.05
Cladding Detail	A.D.06
STRUCTURAL DRAWINGS	
Column (A) layout	S.1.01
Column (B) layout	S.1.02
Foundation (A) Plan	S.2.01
Foundation (B) Plan	S.2.02
First Floor Beam (A) Plan	S.3.01
First Floor Beam (B) Plan	S.3.02
First Floor Slab (A) Plan	S.3.03
First Floor Slab (B) Plan	S.3.04
Roof Beam (A) Plan	S.3.05
Roof Beam (B) Plan	S.3.06
Roof Slab (A) Plan	S.3.07
Roof Slab (B) Plan	S.3.08
Structural Detail	S.D.01



LOCATION PLAN

NTS

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

Client:
LOCAL GOVERNMENT AUTHORITY

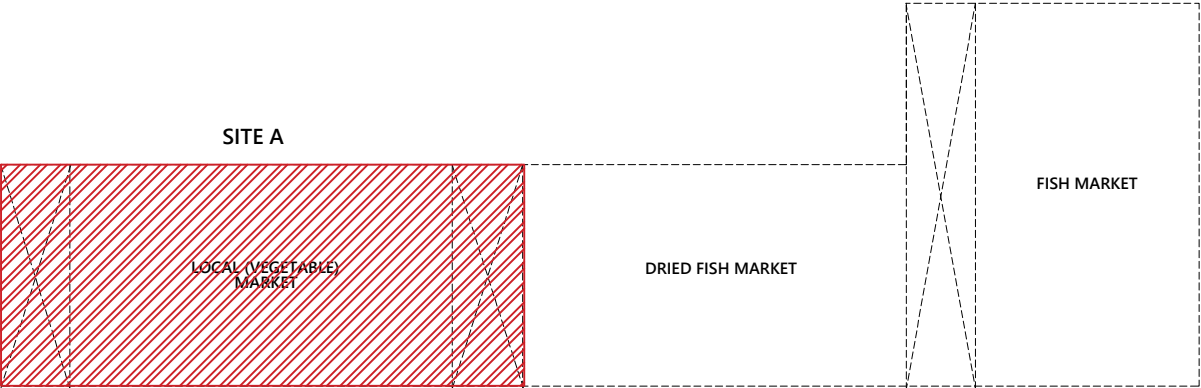
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Engineer: Adam Madeeh
Drawn By: Aishath Shadny Afzal

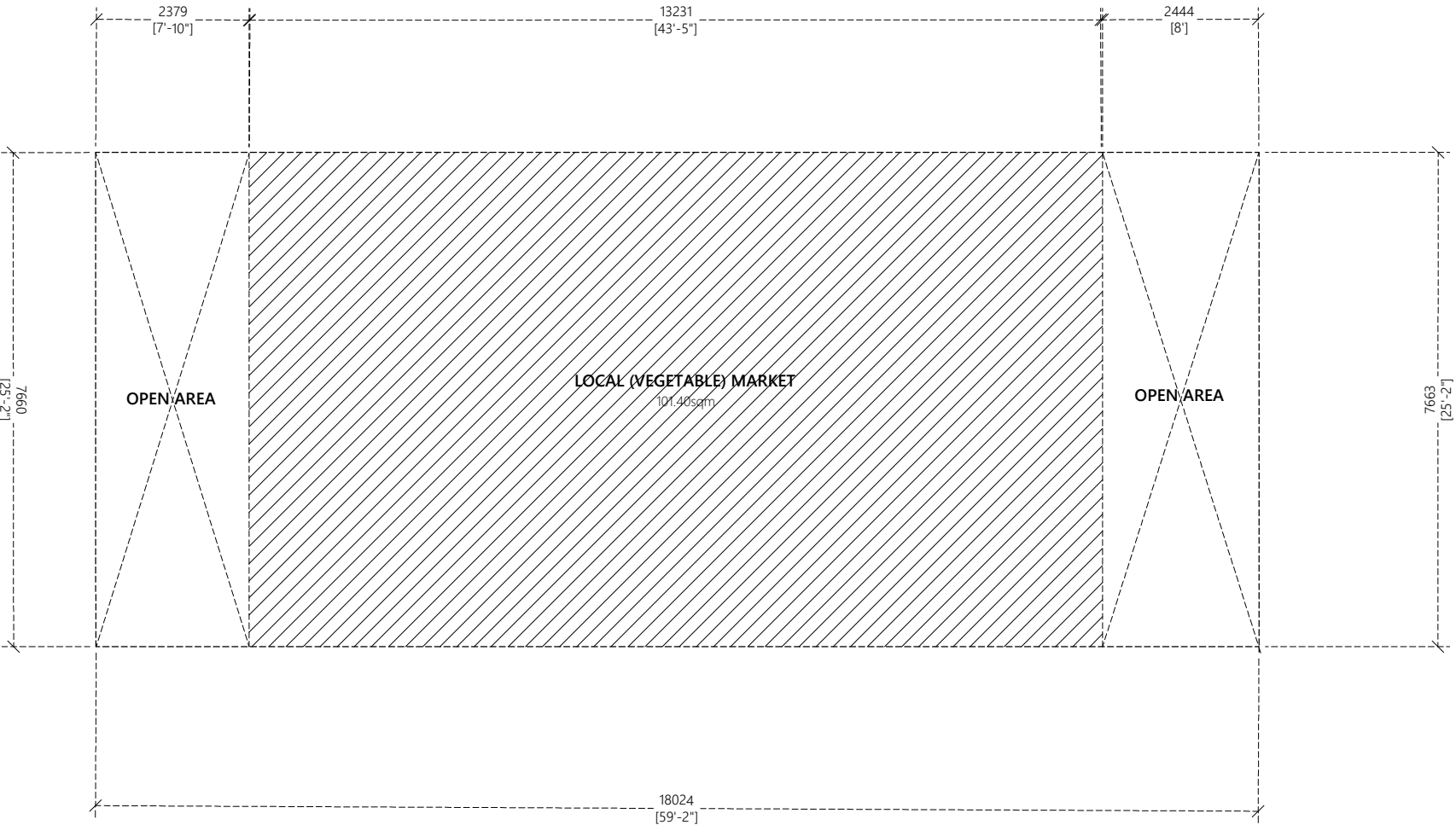
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Rev:	Page:
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KEY PLAN
NTS



BUILDING INFORMATION	
Plot Area	374.2300
Footprint Area	305.25
Built-Up Area	640.74
Longest length of Footprint	41.45m
Width coefficient of Footprint	7.36
Open Voids	
Building Height	8m
Road width	

SITE A PLAN
1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

Client:
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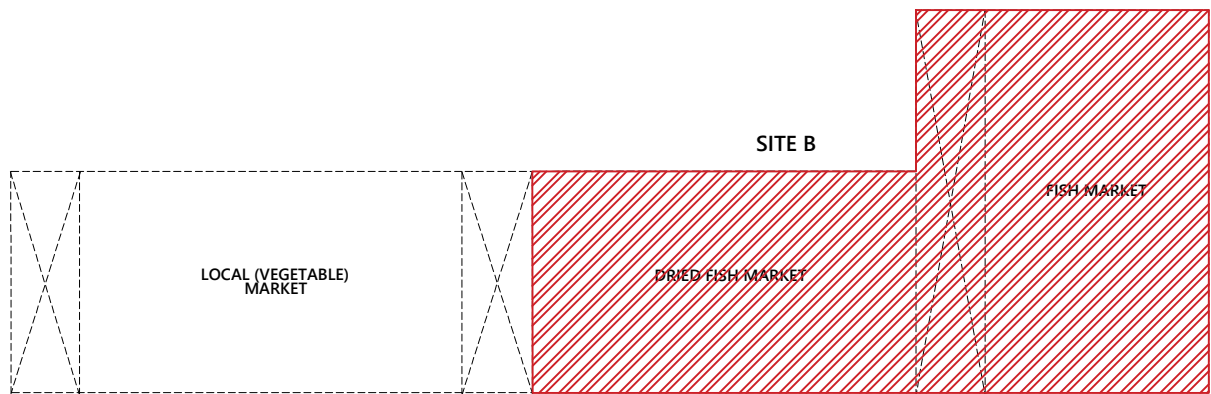
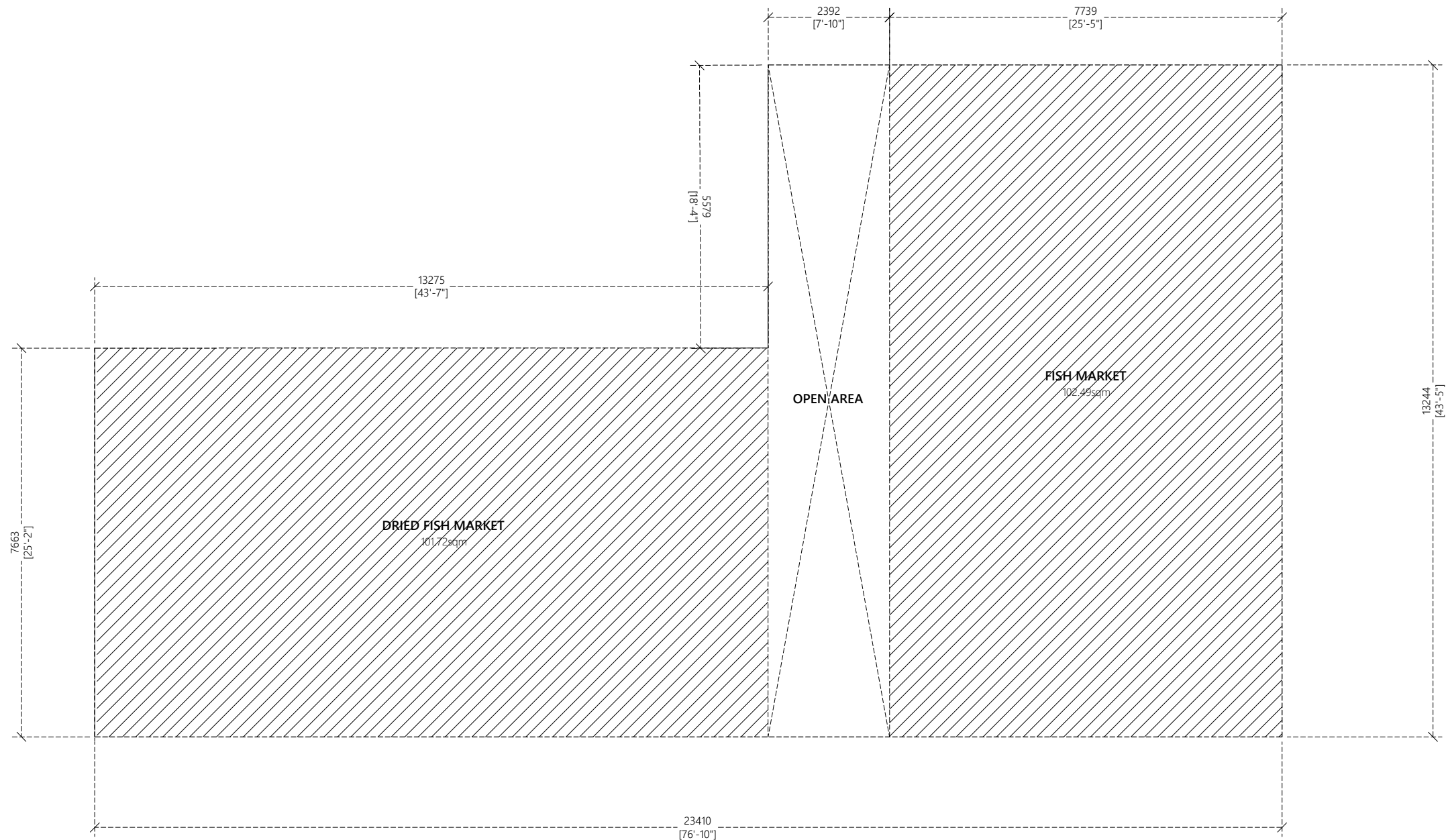
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A.1.02



KEY PLAN

NTS

BUILDING INFORMATION	
Plot Area	374.2300
Footprint Area	305.25
Built-Up Area	640.74
Longest length of Footprint	41.45m
Width coefficient of Footprint	7.36
Open Voids	
Building Height	8m
Road width	

SITE B PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
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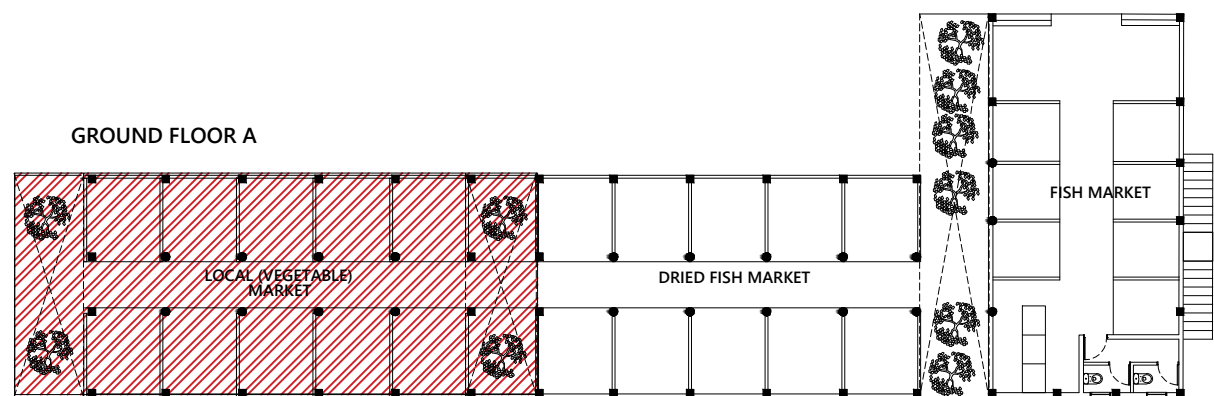
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A.1.03

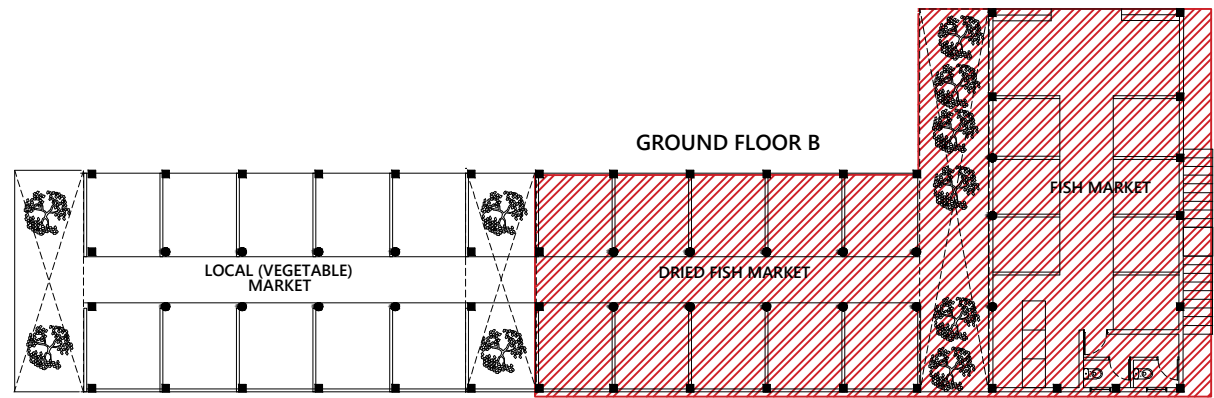
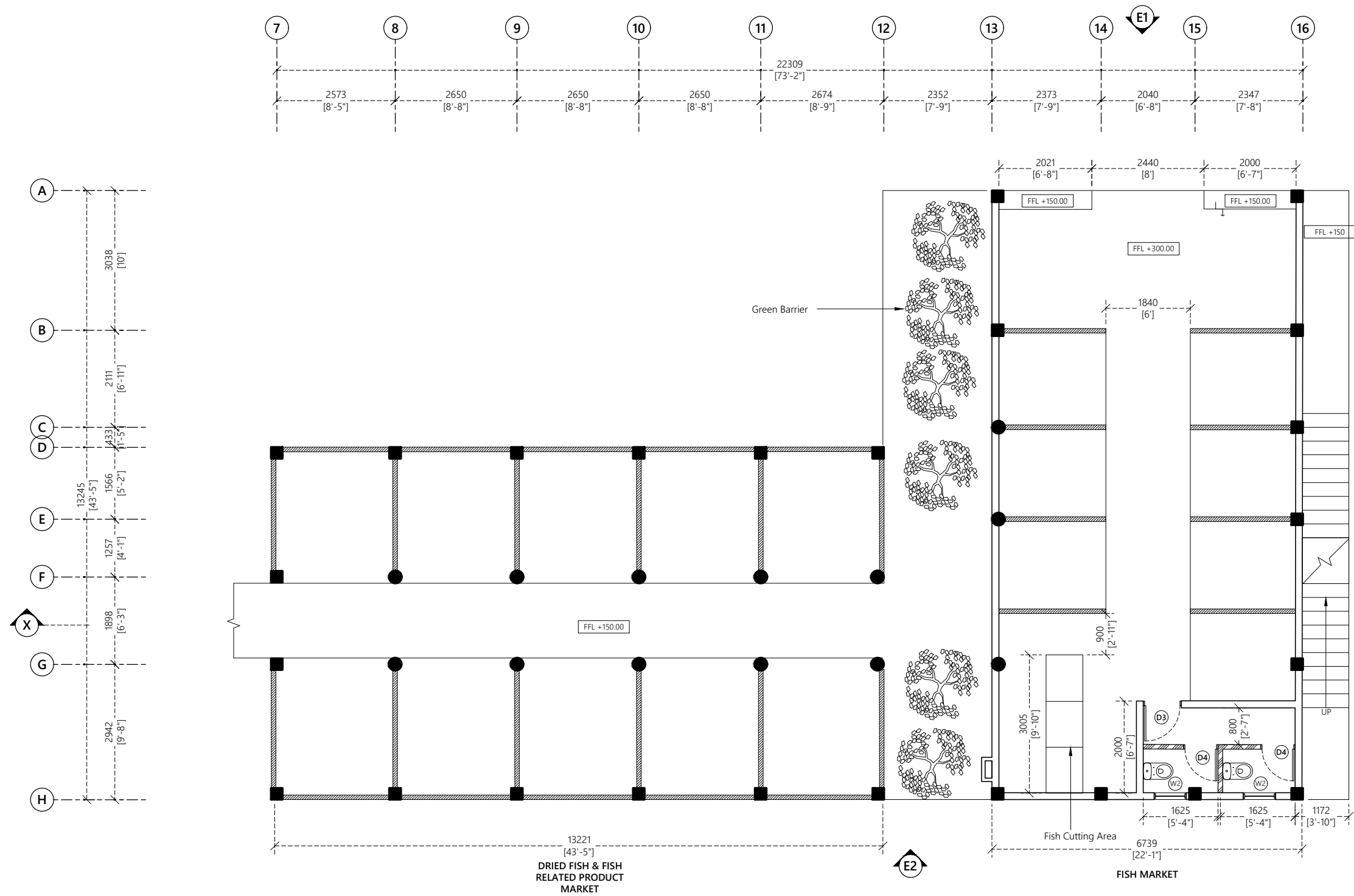


NTS

Water proofing to be applied in toilets, balconies and roof terrace prior to tiling

1:100

Rev:	Page:
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KEY PLAN

NTS

- Wall Legend:**
- 125mm thick masonry blocks with 20mm plaster on exterior and 12mm plaster on interior
 - 100 mm thick masonry block with 12mm plaster on required and 1200m high
 - 100 mm thick masonry block with 12mm plaster on required
- Wall Finish:**
- Internal Wall Finish: Easy to wash odor-less paint
- External Wall Finish: Weather bond Algae guard paint
- Toilet and shower walls: 300x300mm ceramic wall tiles up to ceiling height with tile adhesive. use joint filler of appropriate color for grouting joints between tiles
- Floor Finish:**
- Floor Finishes: 600x600mm homogenous floor tiles with tile adhesive unless specified
- Toilet Floor Finishes: 300x300mm homogenous non skid floor tiles with tile adhesive unless specified
- Notes:**
- FFL of balconies and toilets should be 25mm lower than the FFL of respective floors
- Water proofing to be applied in toilets, balconies and roof terrace prior to tiling

GROUND FLOOR B PLAN

1:100

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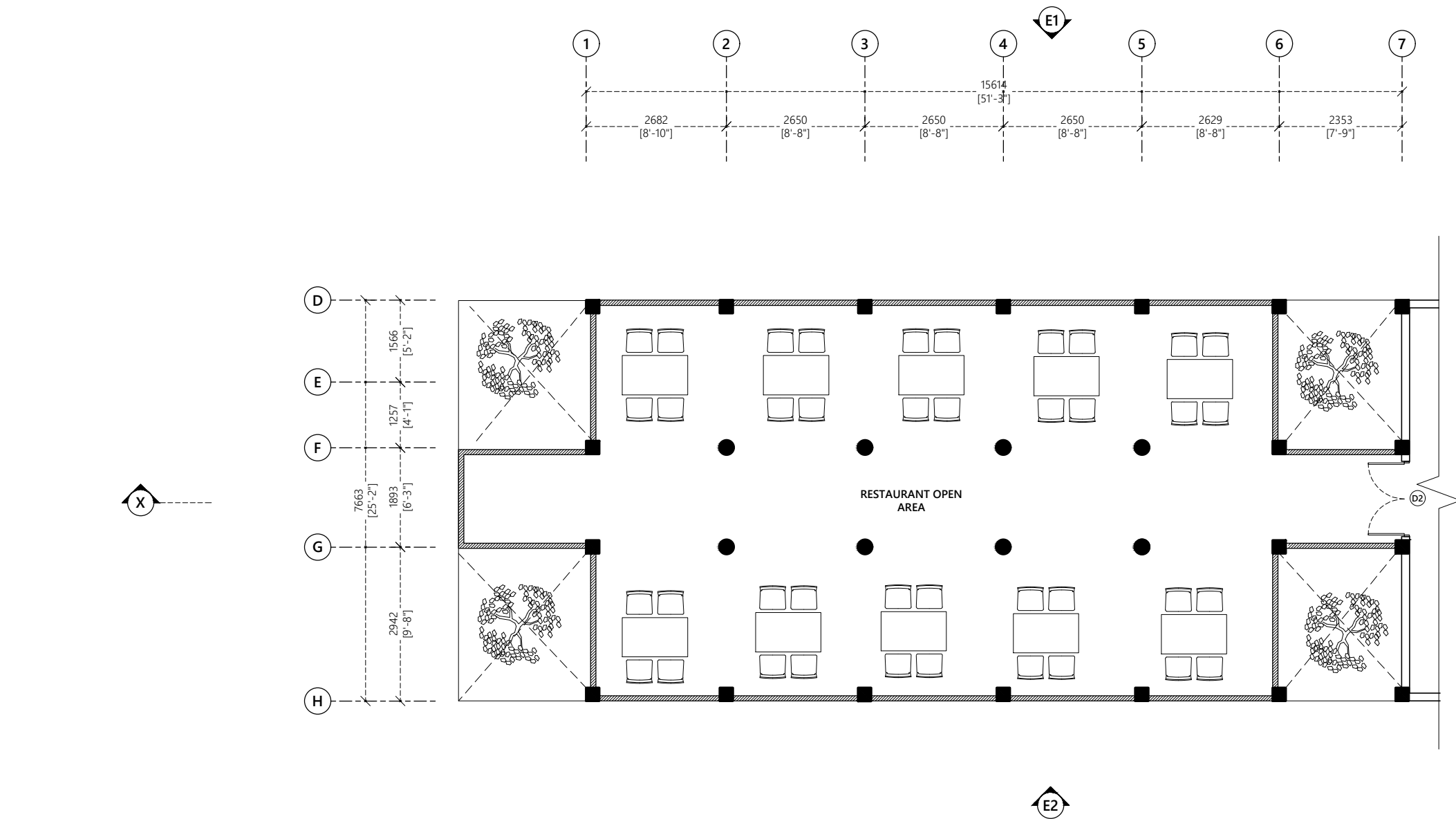
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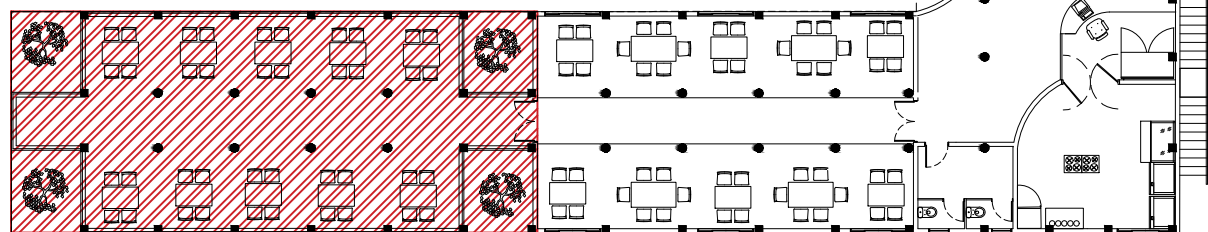


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A.2.02



FIRST FLOOR A



KEY PLAN
NTS

Wall Legend:

- 125mm thick masonry blocks with 20mm plaster on exterior and 12mm plaster on interior
- 100 mm thick masonry block with 12mm plaster on required and 1200m high
- 100 mm thick masonry block with 12mm plaster on required

Wall Finish:

Internal Wall Finish: Easy to wash odor-less paint

External Wall Finish: Weather bond Algae guard paint

Toilet and shower walls: 300x300mm ceramic wall tiles up to ceiling height with tile adhesive. use joint filler of appropriate color for grouting joints between tiles

Floor Finish:

Floor Finishes: 600x600mm homogenous floor tiles with tile adhesive unless specified

Toilet Floor Finishes: 300x300mm homogenous non skid floor tiles with tile adhesive unless specified

Notes:

FFL of balconies and toilets should be 25mm lower than the FFL of respective floors

Water proofing to be applied in toilets, balconies and roof terrace prior to tiling

FIRST FLOOR A PLAN

1:100

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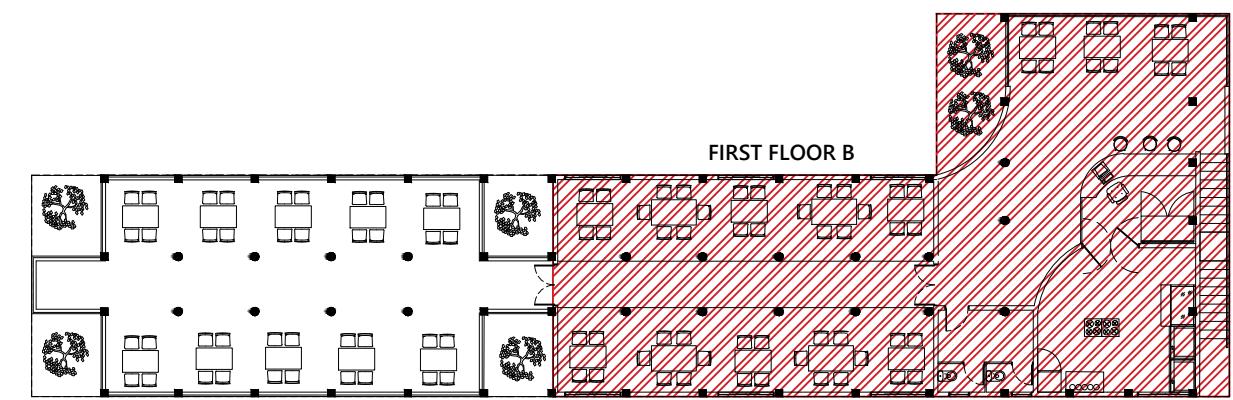
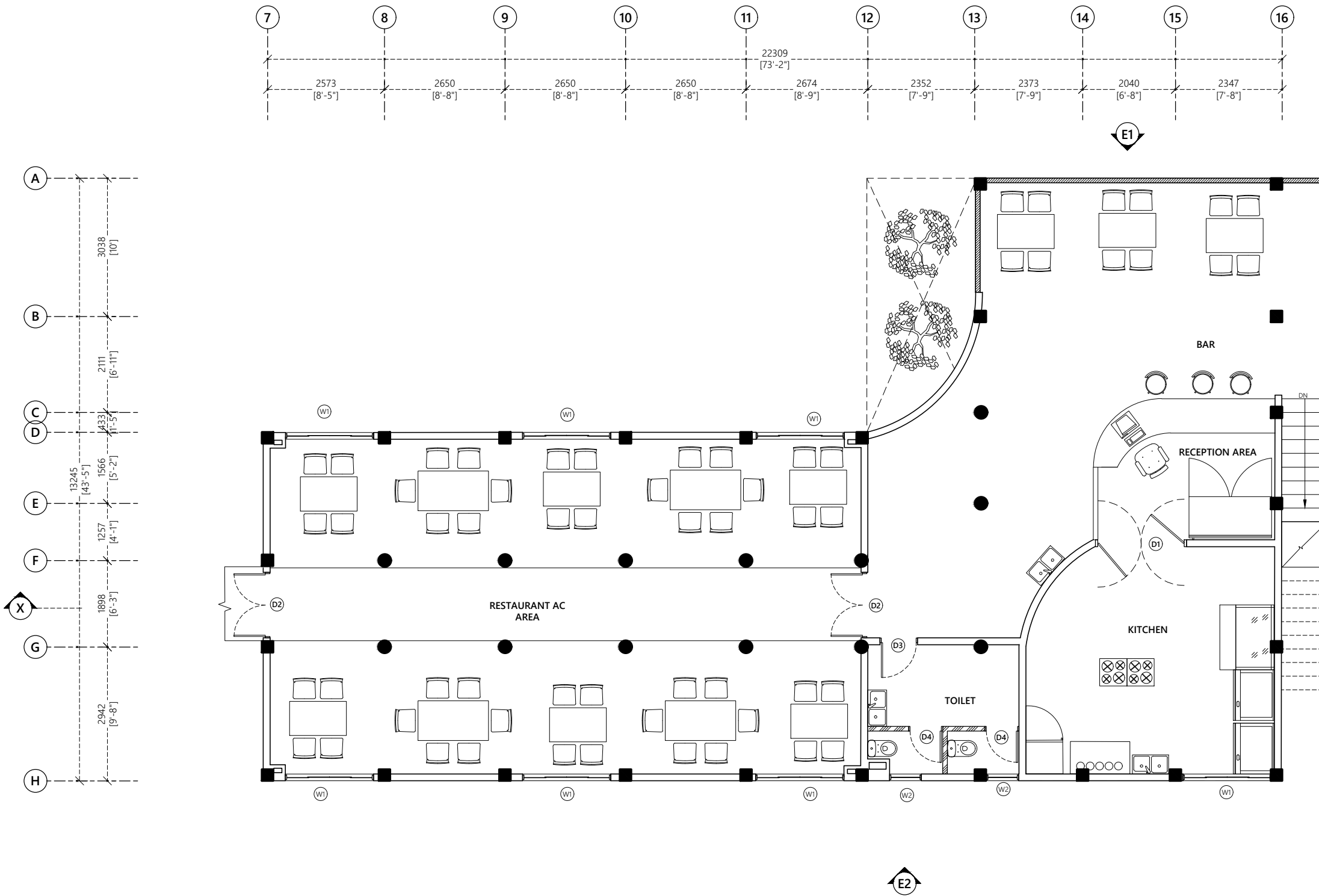
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A.2.03



KEY PLAN
NTS

- Wall Legend:**
- 125mm thick masonry blocks with 20mm plaster on exterior and 12mm plaster on interior
 - 100 mm thick masonry block with 12mm plaster on required and 1200m high
 - 100 mm thick masonry block with 12mm plaster on required
- Wall Finish:**
- Internal Wall Finish: Easy to wash odor-less paint
- External Wall Finish: Weather bond Algae guard paint
- Toilet and shower walls: 300x300mm ceramic wall tiles up to ceiling height with tile adhesive. use joint filler of appropriate color for grouting joints between tiles
- Floor Finish:**
- Floor Finishes: 600x600mm homogenous floor tiles with tile adhesive unless specified
- Toilet Floor Finishes: 300x300mm homogenous non skid floor tiles with tile adhesive unless specified
- Notes:**
- FFL of balconies and toilets should be 25mm lower than the FFL of respective floors
- Water proofing to be applied in toilets, balconies and roof terrace prior to tiling

FIRST FLOOR B PLAN
1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

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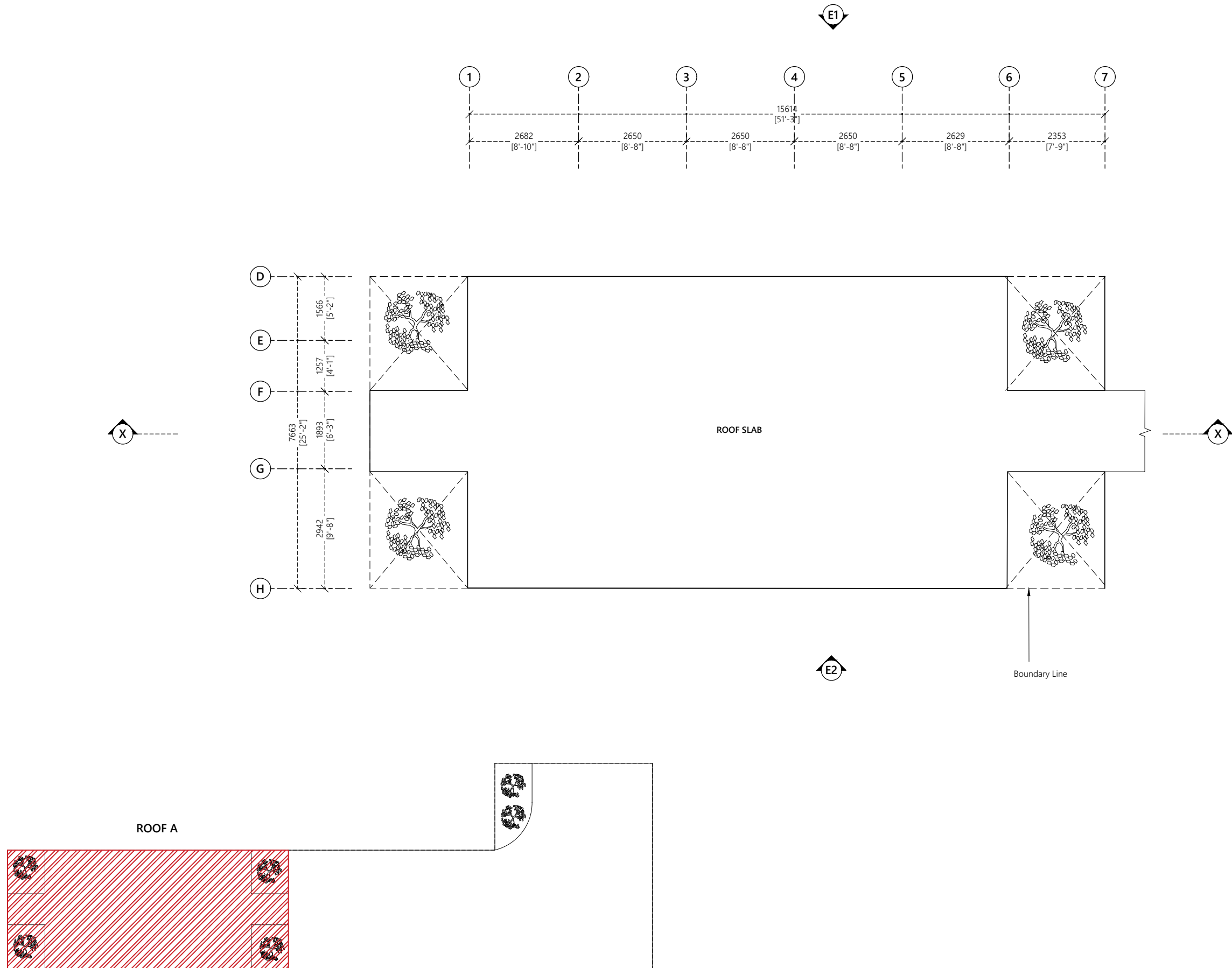
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A.2.04



KEY PLAN

NTS

ROOF A PLAN

1:100

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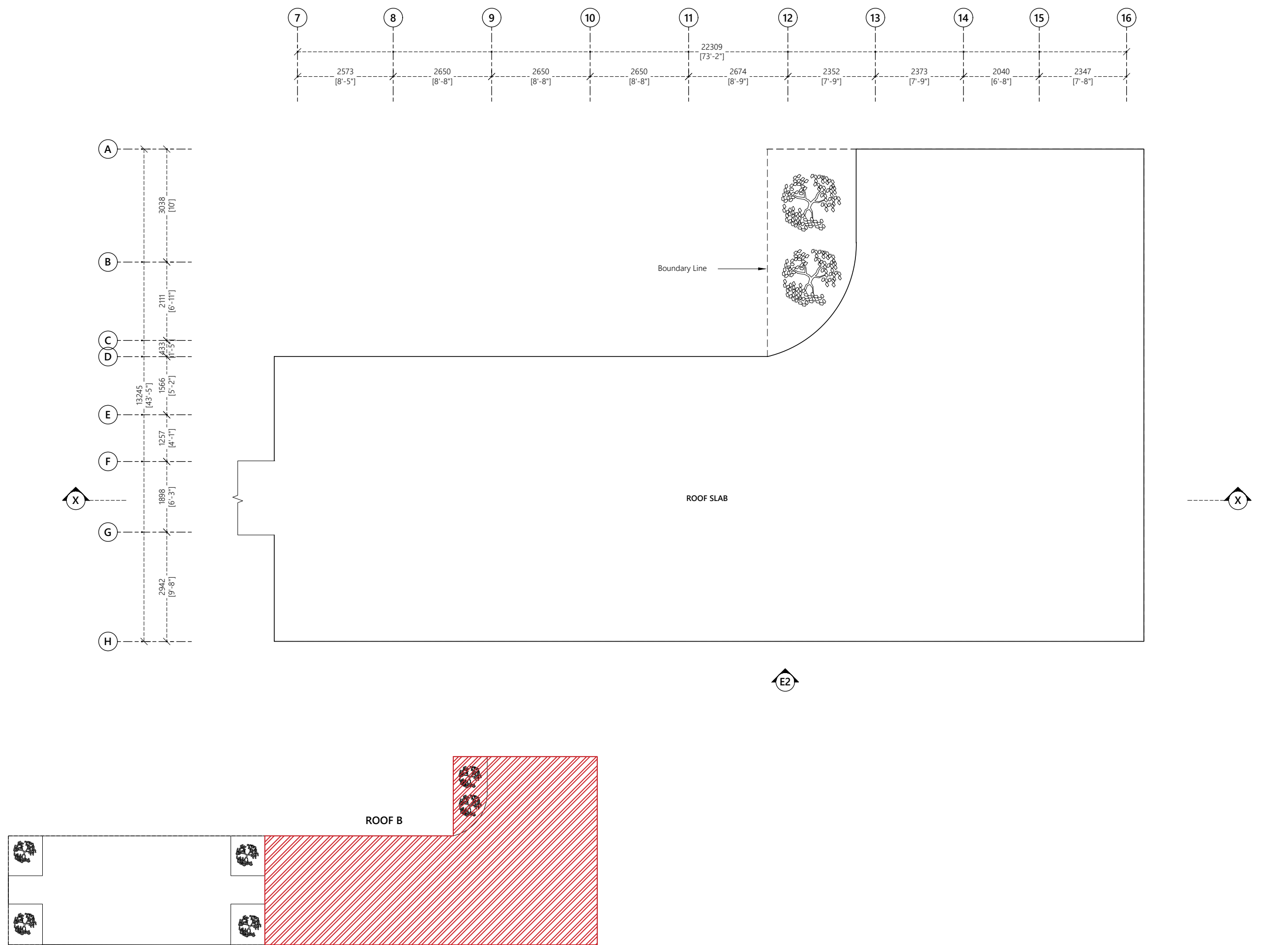
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Rev:	Page:
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---	A.2.05
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KEY PLAN

NTS

ROOF B PLAN

1:100

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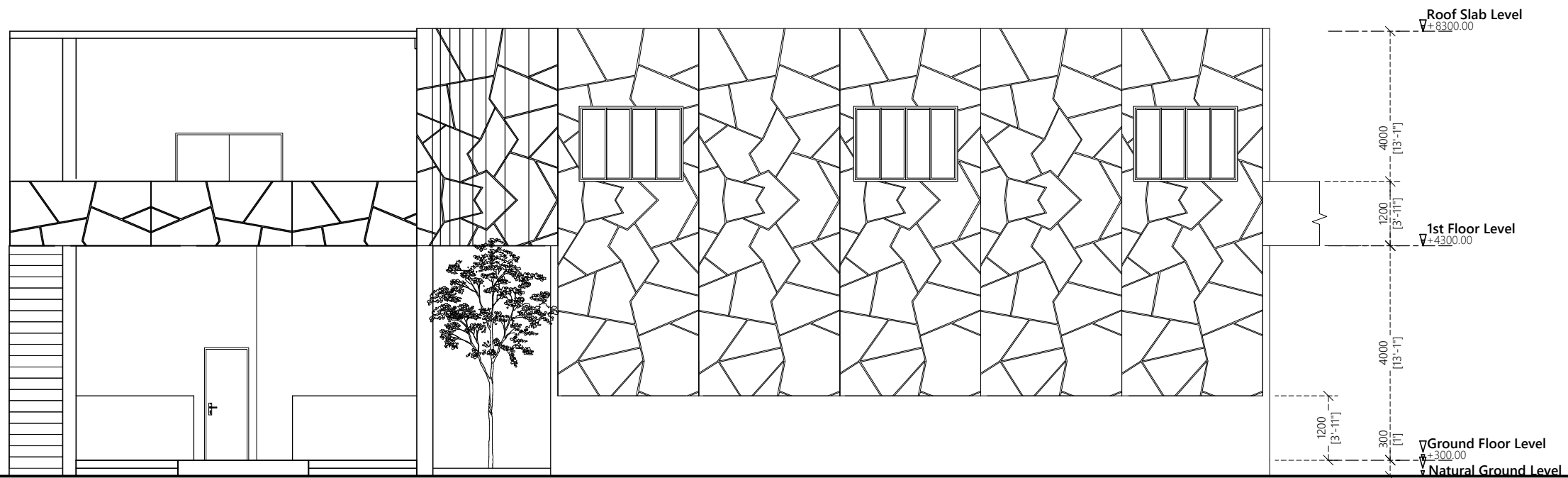
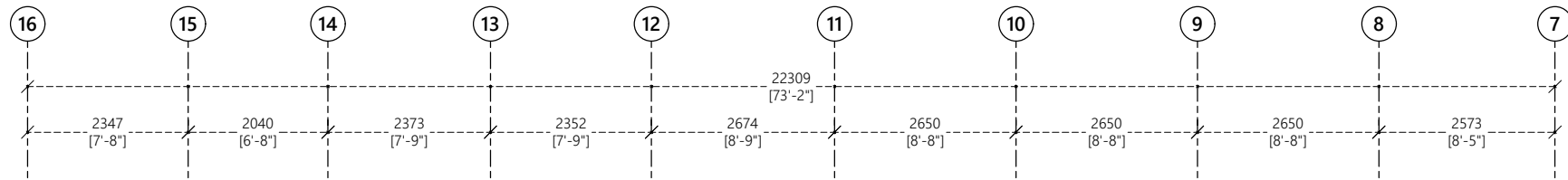
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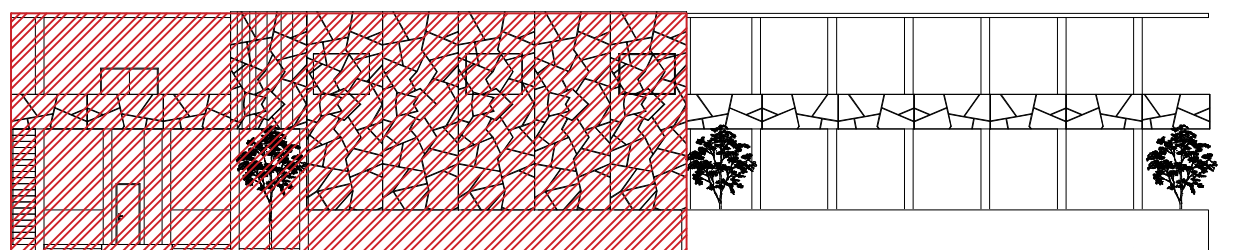
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Rev:	Page:
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ELEVATION (A) E1



KEY PLAN

NTS

ELEVATION (A) E1

1:100

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**VILIMALE' FISH
MARKET**

Client:
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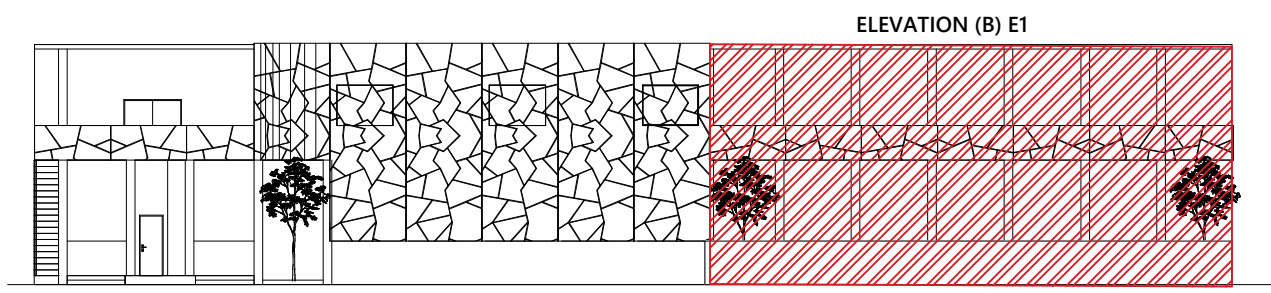
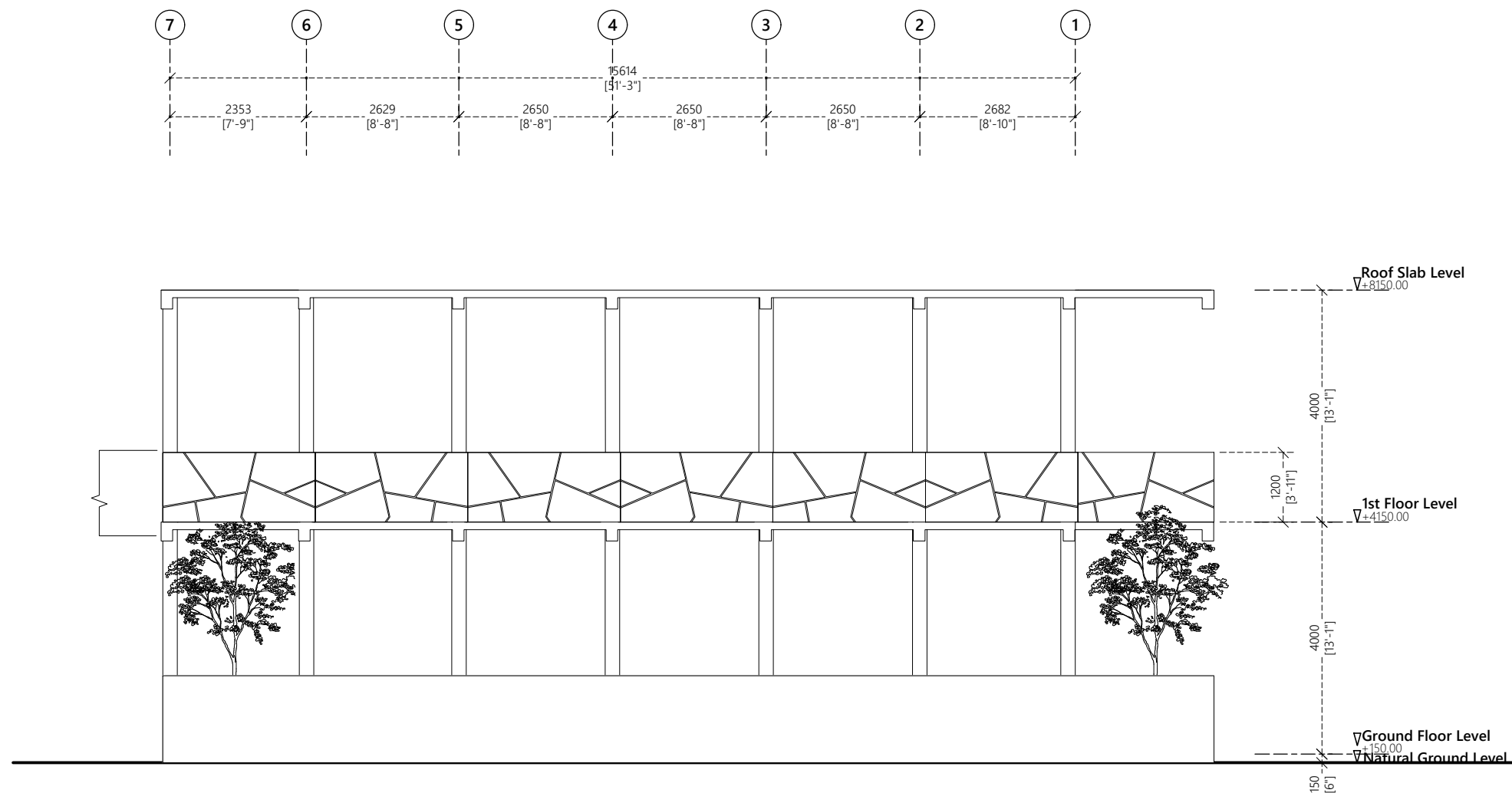
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Rev:	Page:
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KEY PLAN
NTS

ELEVATION (B) E1
1:100

PROPOSED 02 STOREY BUILDING AT
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Client:
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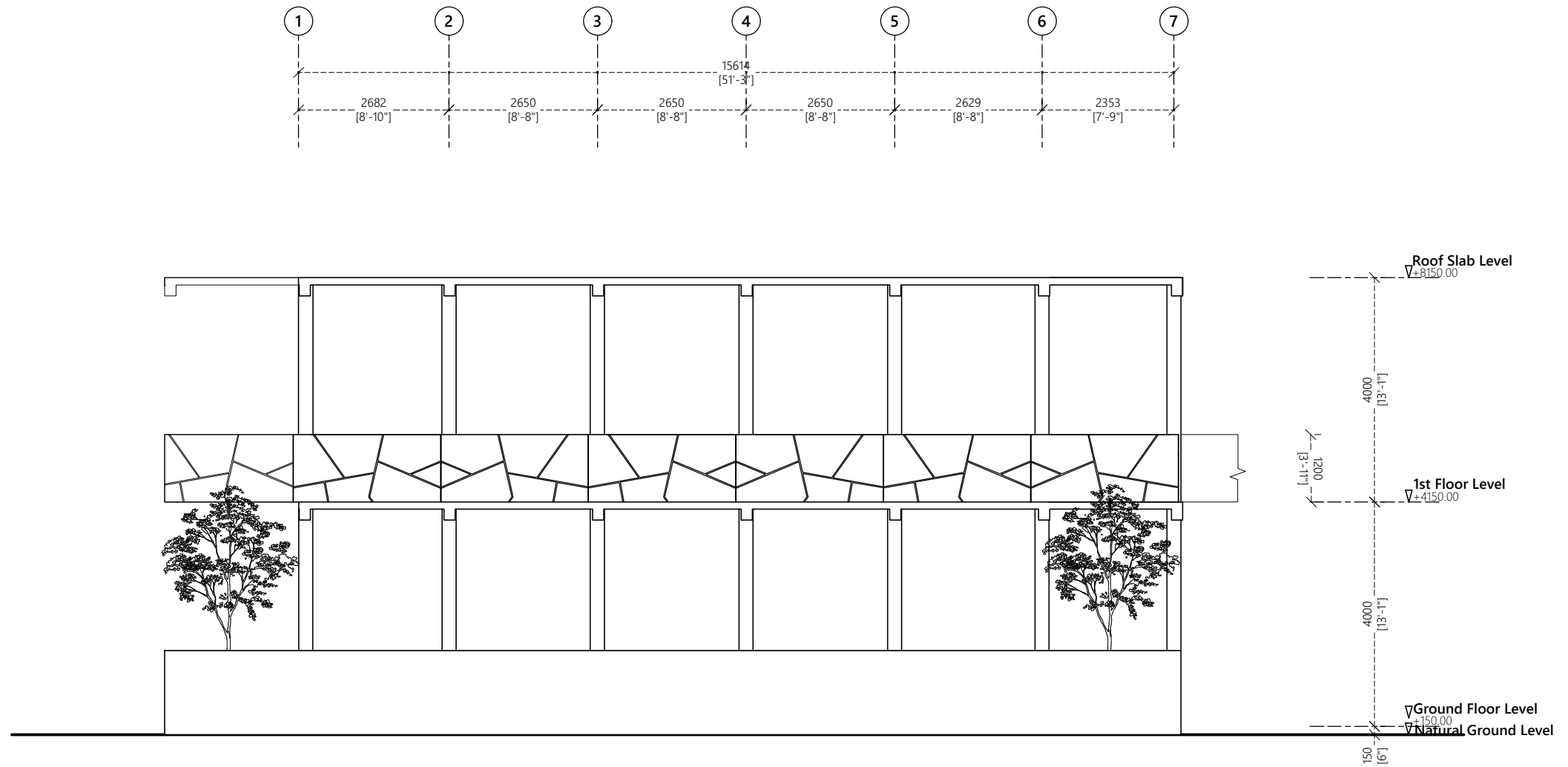
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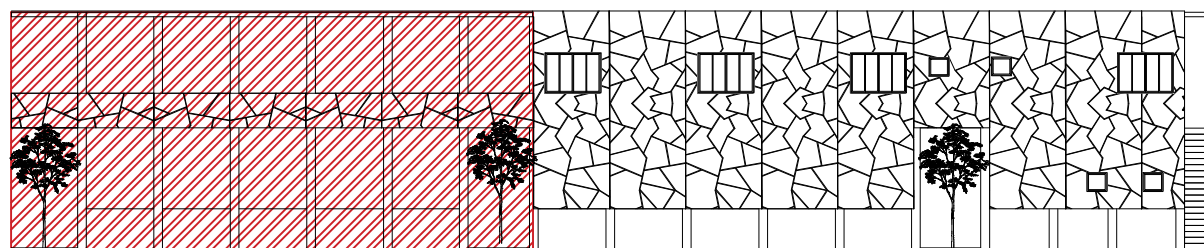
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Rev:	Page:
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---	A.3.02
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ELEVATION (A) E2



KEY PLAN

NTS

ELEVATION (A) E2

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUTHORITY

December 2019

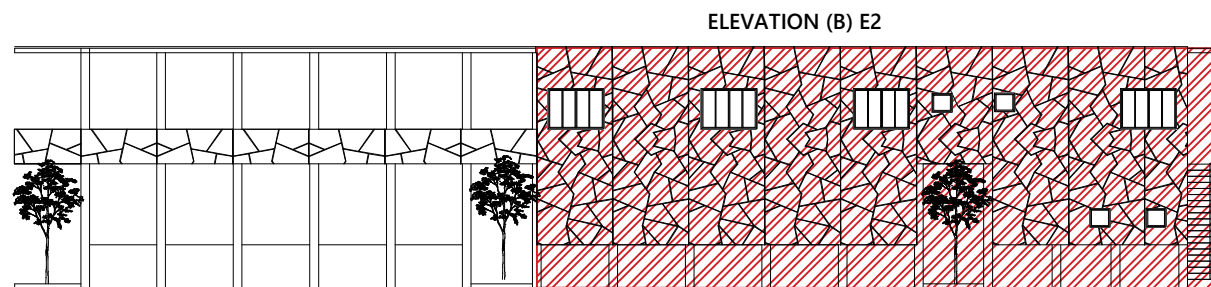
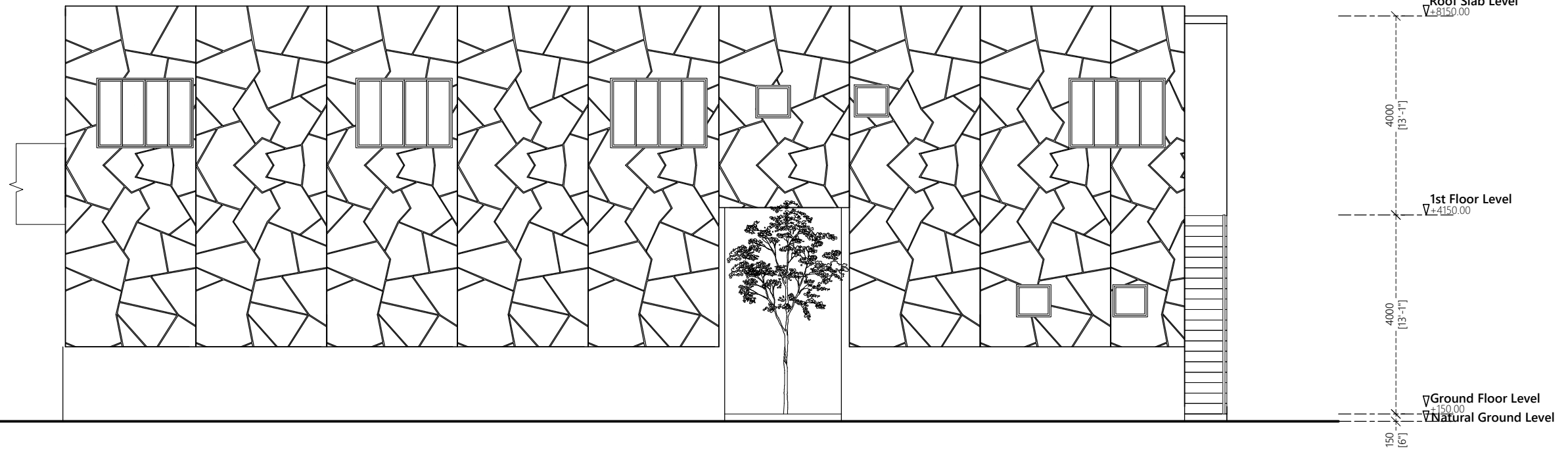
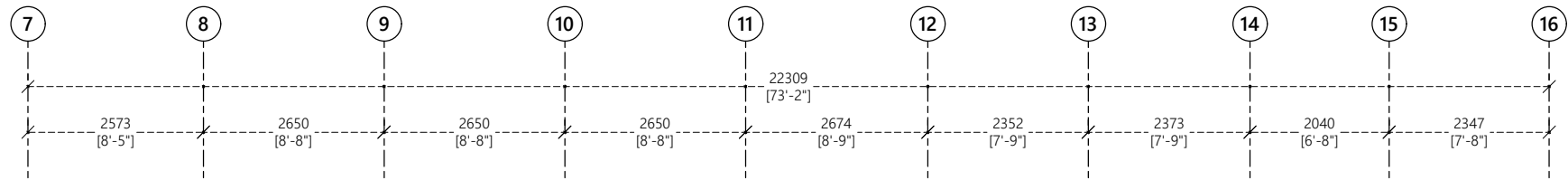
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A.3.03



KEY PLAN

NTS

ELEVATION (B) E2

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
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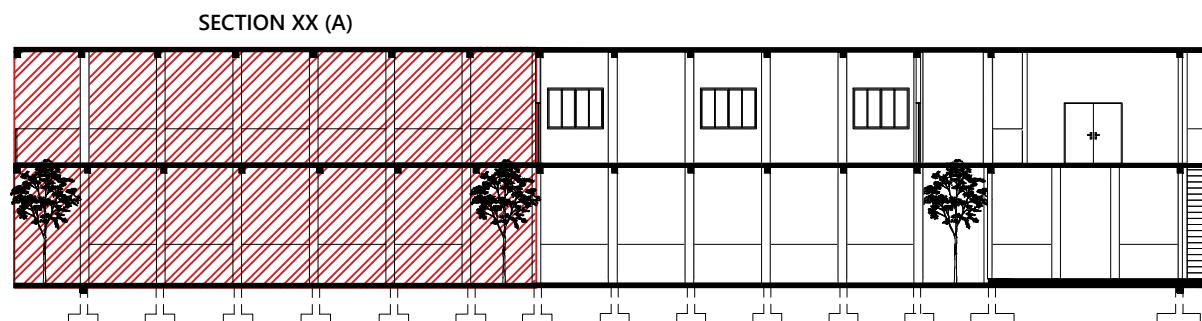
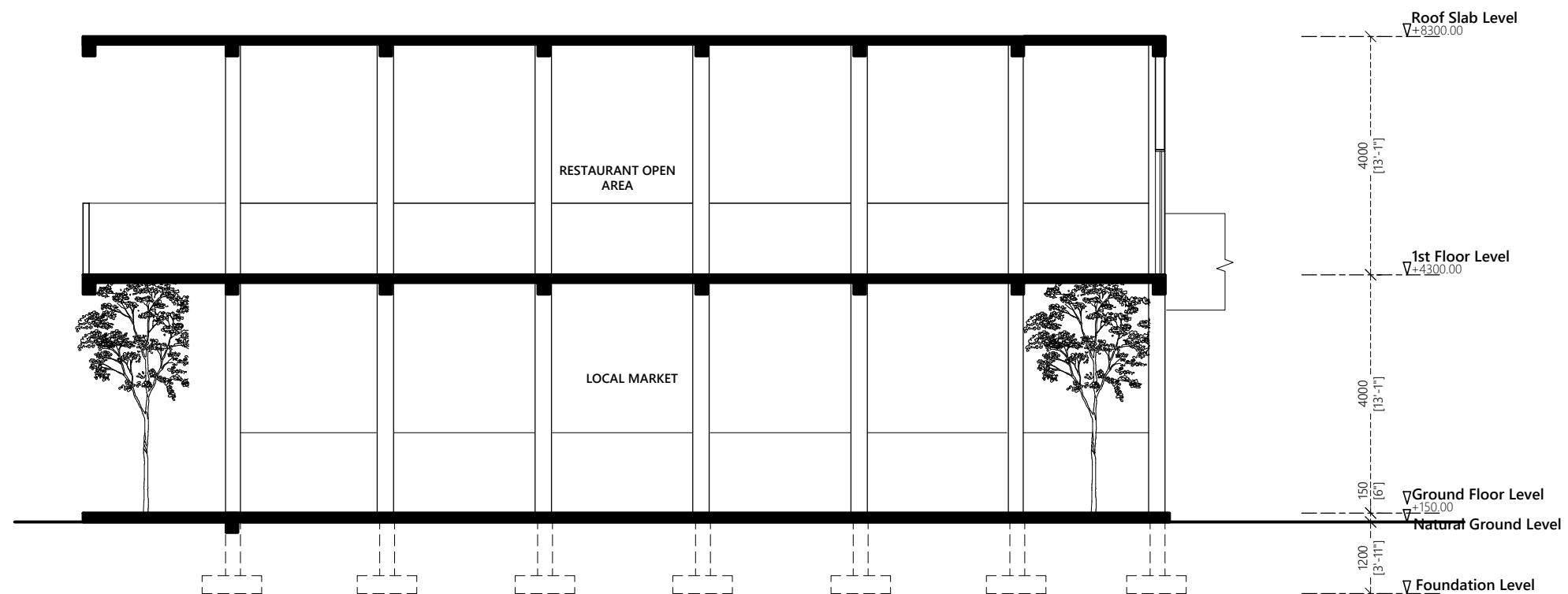
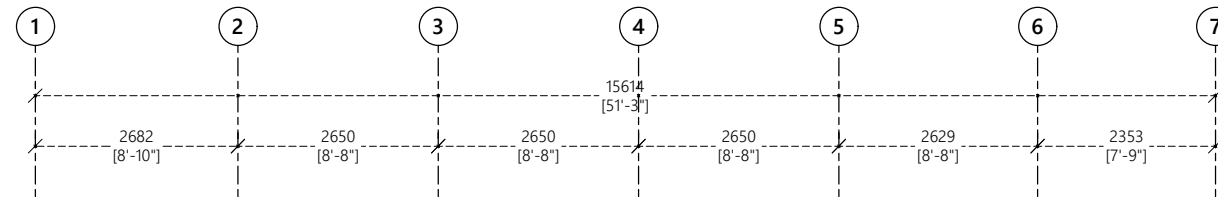
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A.3.04



KEY PLAN

NTS

SECTION XX (A)

1:100

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**VILIMALE' FISH
MARKET**

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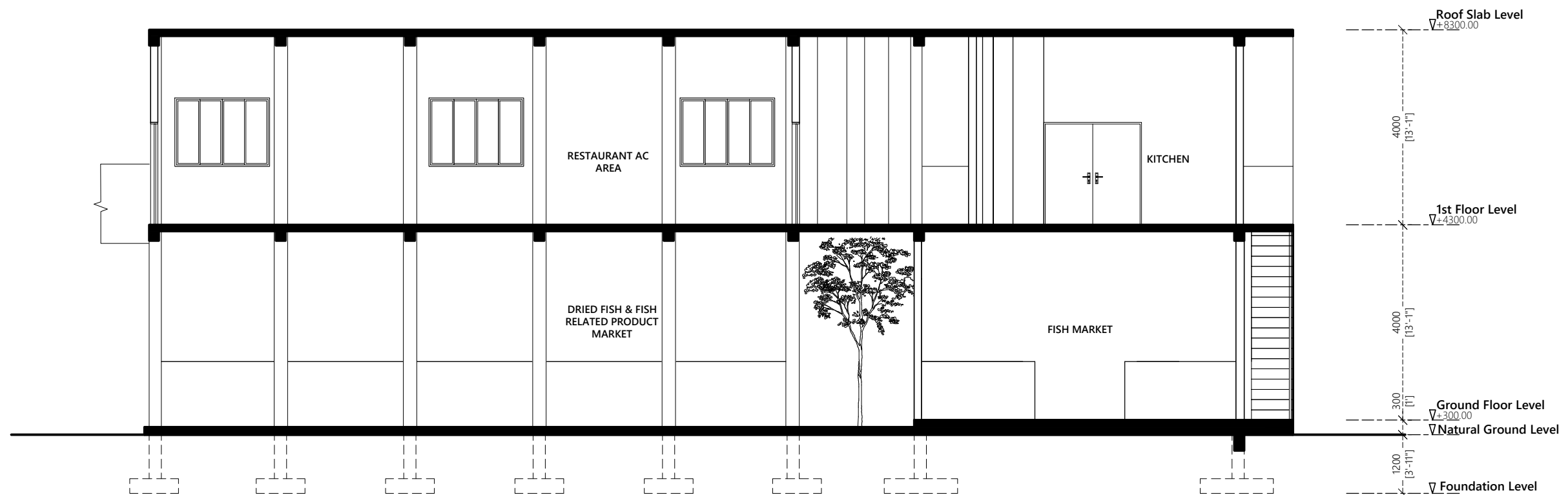
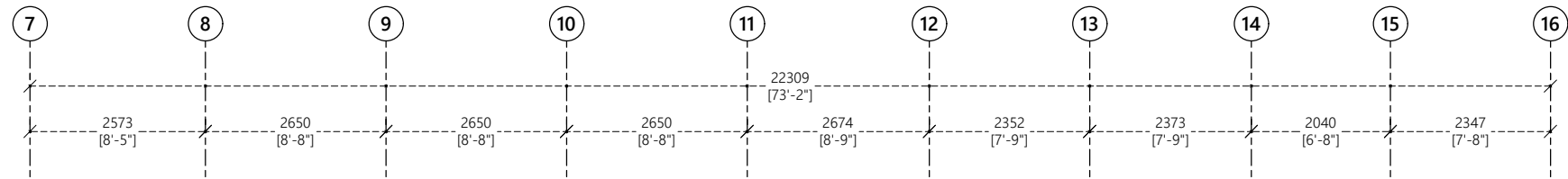
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KEY PLAN

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SECTION XX (B)

1:100

PROPOSED 02 STOREY BUILDING AT
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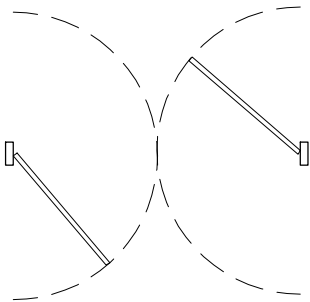

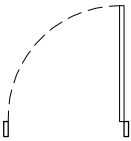
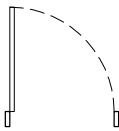
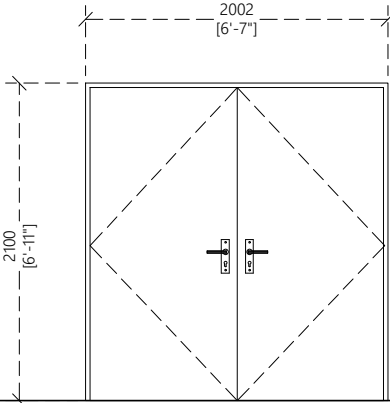
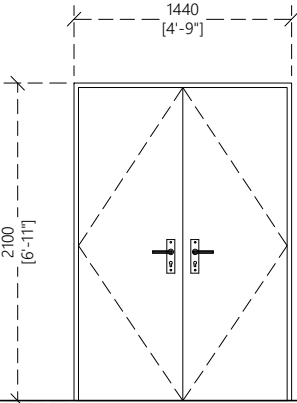
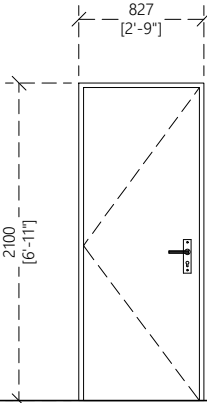
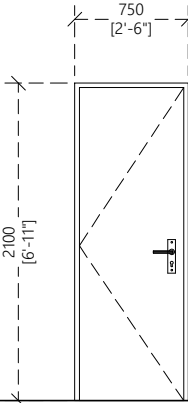
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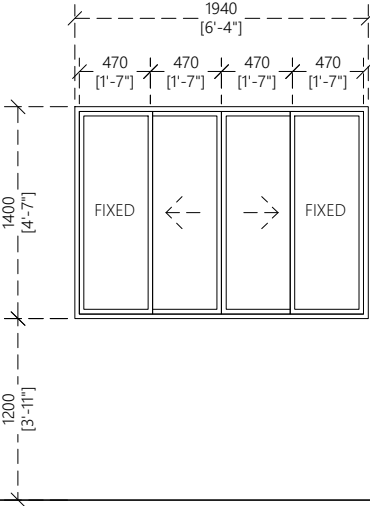
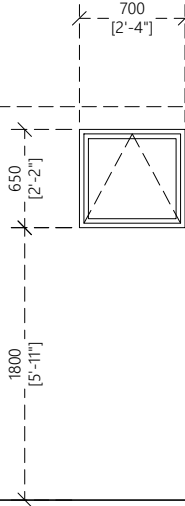
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A.3.06

Door ID	D1	D2	D3	D4
Plan view				
Elevation view				
FFL				
Frame material	Solid timber Varnished	Solid timber Varnished	Solid timber Varnished	Solid timber Varnished
Panel material	Solid core timber varnished	Solid core timber varnished	Solid core timber varnished	Solid core timber varnished
Openable area	4.01	2.85	1.85	1.42

Door ID	W1	W2
Plan view		
Elevation view		
FFL		
Frame material	Aluminum Black Powder Coated	Aluminum Black Powder Coated
Panel material	Reflective Glass	Reflective Glass
Openable area	1.3	0.38

General Notes:

Dimensions shown on DWG indicate effective openings of frame

All frame depths are 100mm
All dor panel thicknesses are 35mm
All window manel thickness are 25mm
Al frame edges shal be trimmed 3mm

All wodden components should be wood stained finish

All glazing should be of 6mm unless specified

External units must comply the following weather conditions:-
Wind pressure: 200 kg/sqm
Water tightness: 25 kg/sqm

All external frames / wall joints must be sealed with silicon sealant and the wedges trimmed with 12X12mm hardwood beading fixed to frames by brass nails

All hardware should be provided for the performance of al functions of the units

Hinges shall confirm to
1. Door size more than 700X1900mm
WD: 125mm X2 sets
SD: 150mm X3 sets
2. Door size less than 700X1900mm
WD: 100mm X2 sets
SD: 125mm X2 sets

Locks shall be cylindrical with master key sets

Door knobs shall be1000mm above FFL

DOOR AND WINDOW SCHEDULE 01

1:50

PROPOSED 02 STOREY BUILDING AT
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Client:
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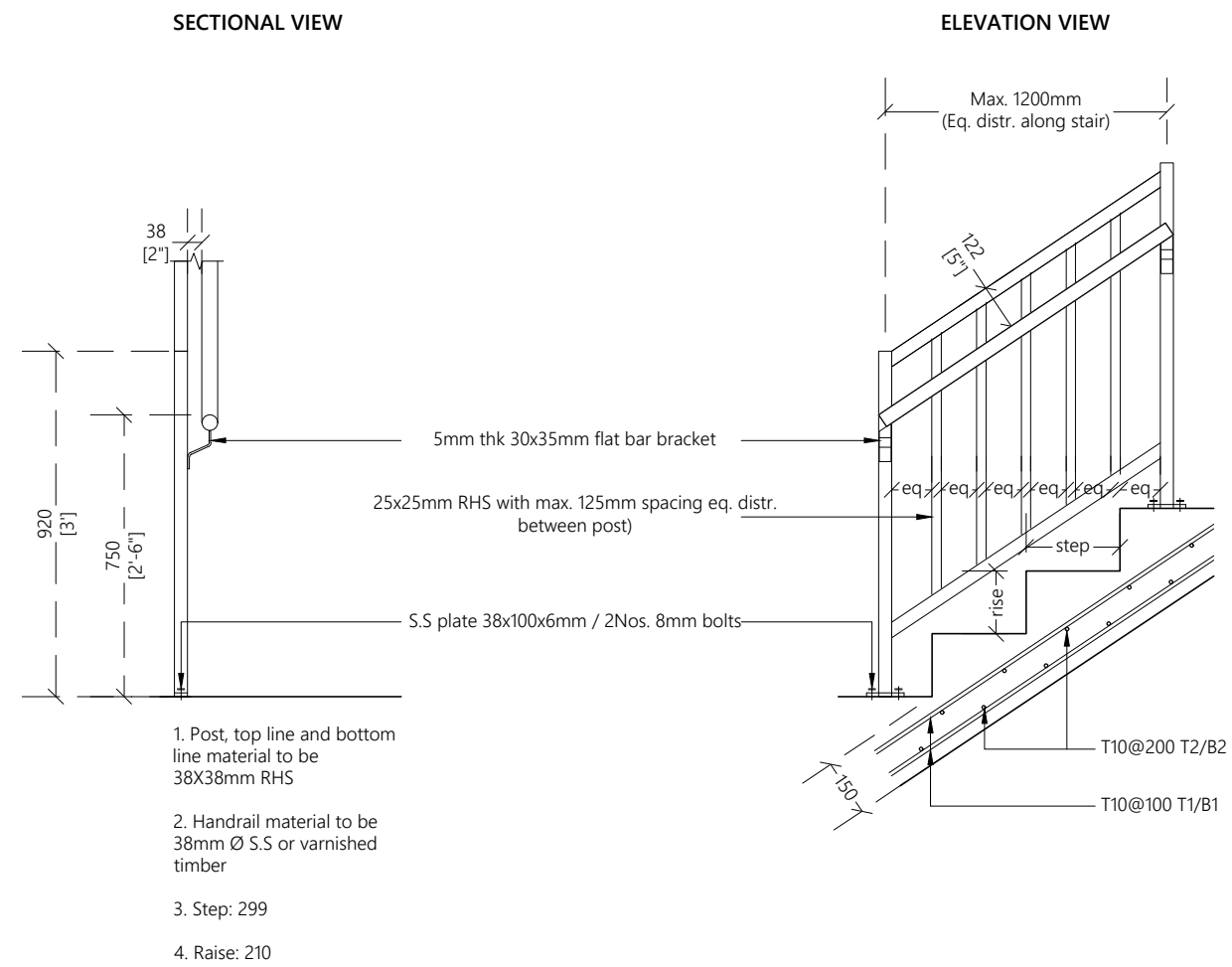
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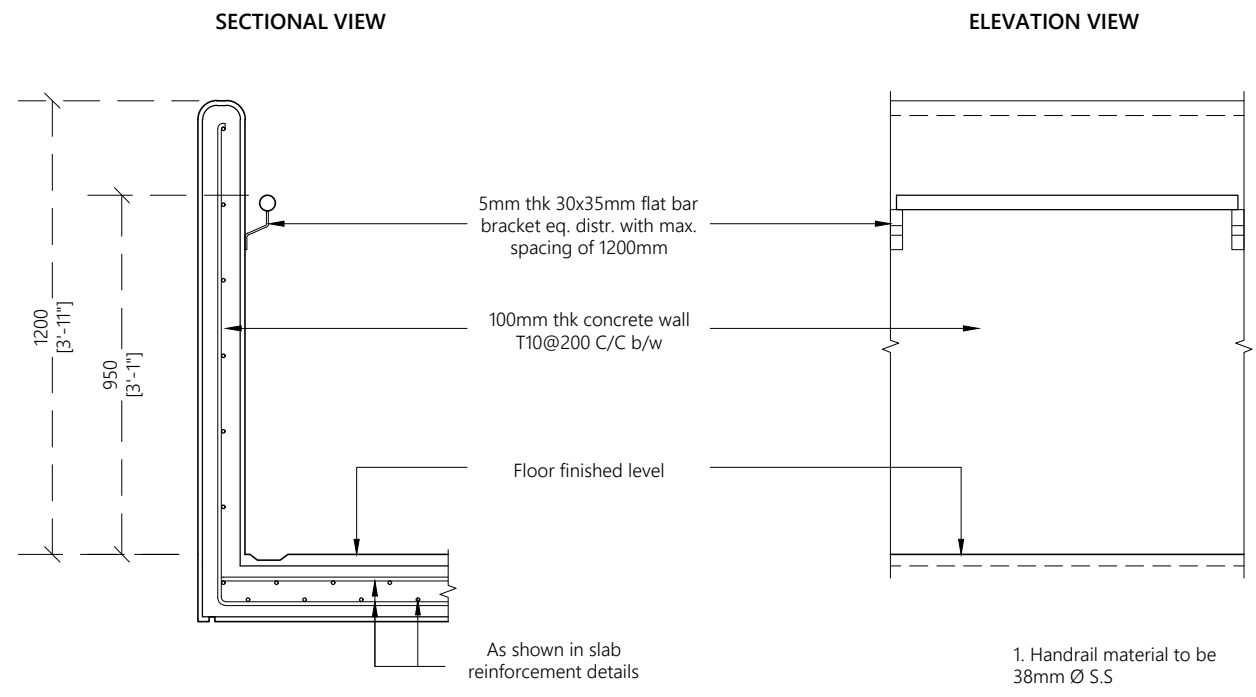
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Rev:	Page:
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---	A.D.01
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BALCONY RAILING DETAIL

1:20

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUOTHORITY

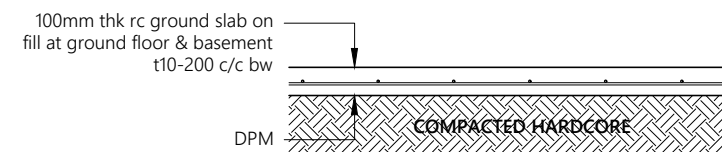
December 2019

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Engineer: Adam Madeeh
Drawn By: Aishath Shadhny Afzal



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Rev:	Page:
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---	A.D.02
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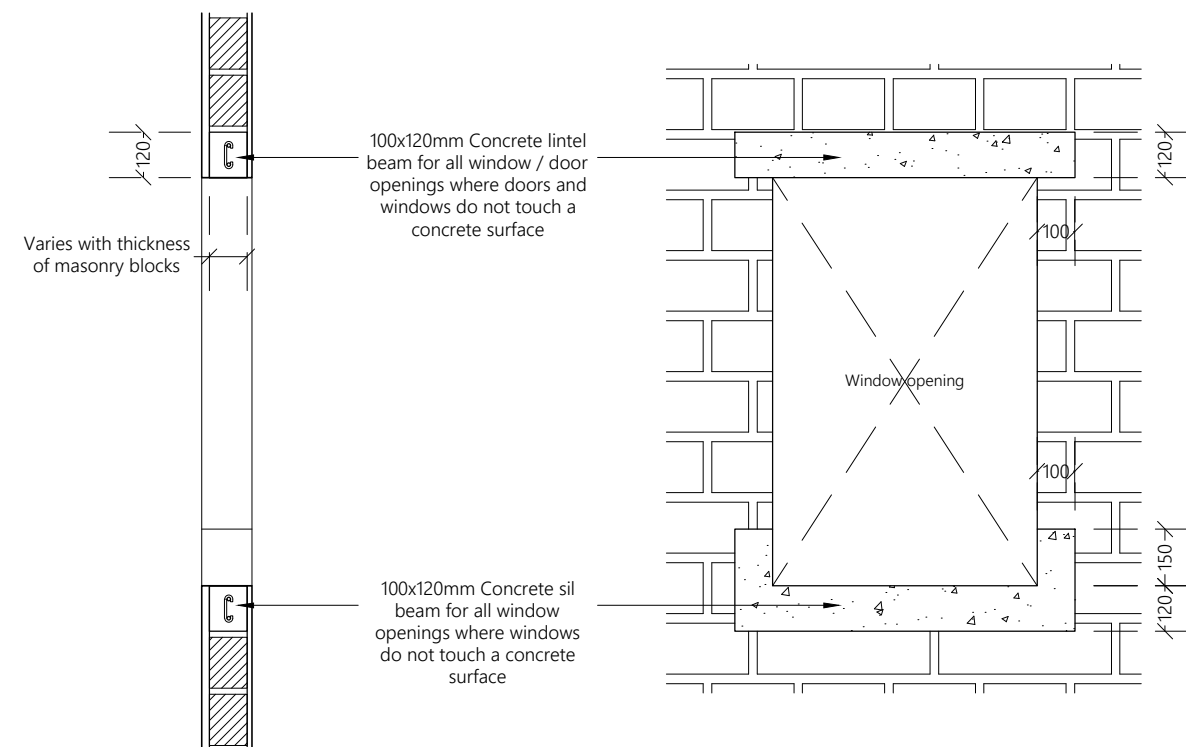


Note:

- All cover blocks shall be casted using grade C25/30 concrete with 5-10mm aggregates
- For slab, rebar spacer chairs spacing shall be minimum 1m spacing or 1 no. per 1 sqm

TYPICAL GROUND SLAB DETAIL

1:20



TYPICAL OPENING DETAIL

1:20

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUOTHORITY

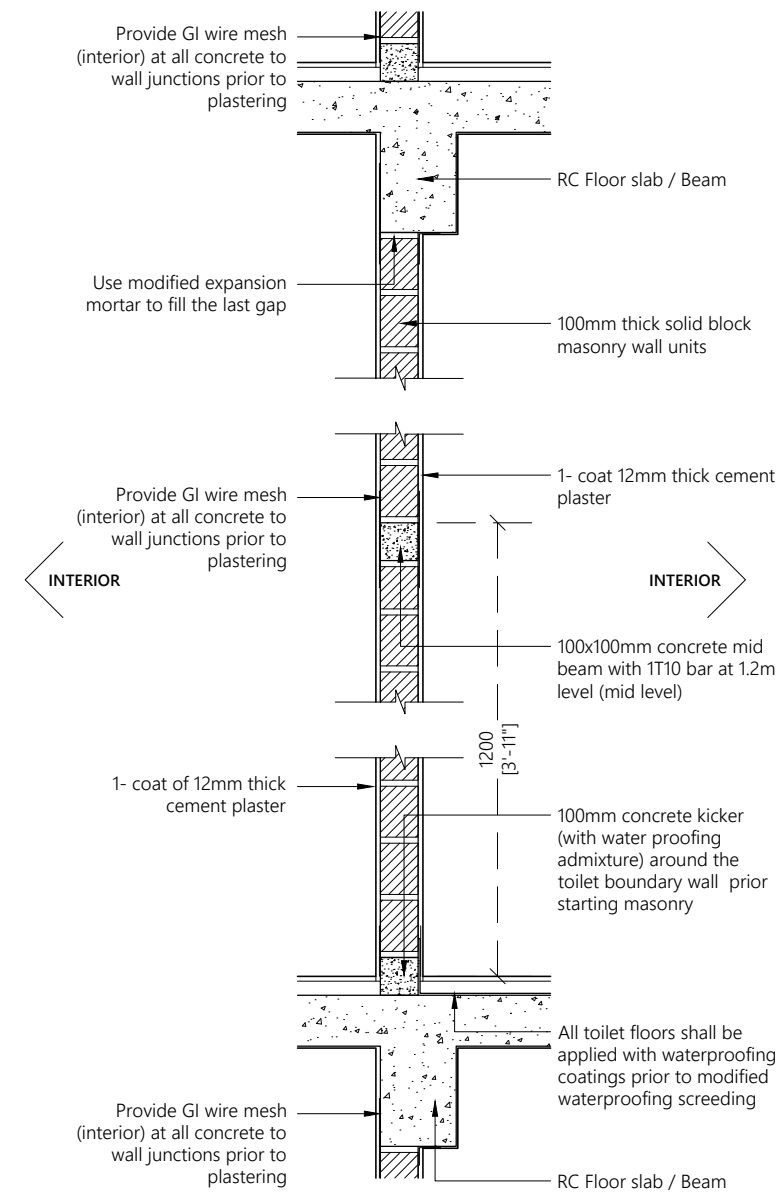
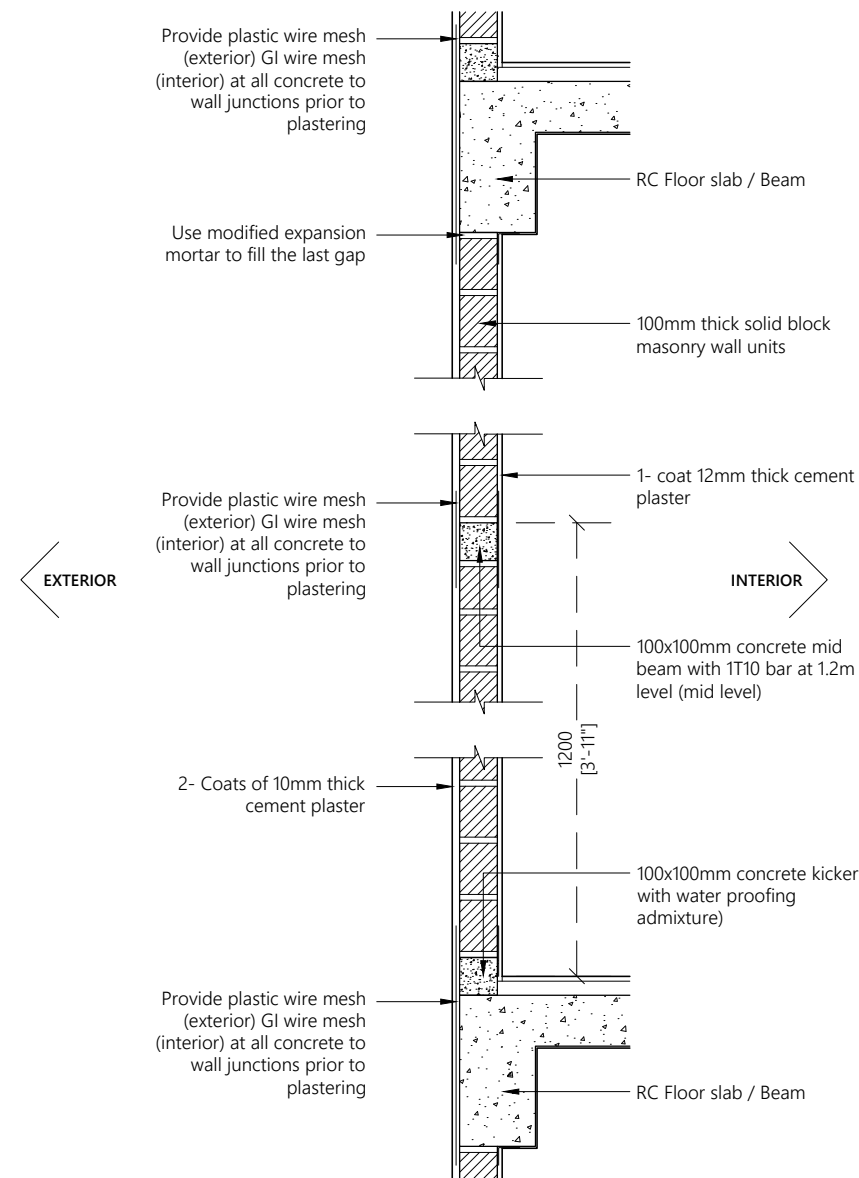
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Rev: Page:
A.D.03



Note:

- Concrete surfaces shall be thoroughly cleaned with water & applied with mastercast 141 or equivalent bonding mortar prior to plastering.
- Plastering mortar mix shall be 1:4 (cement: sand) ratio.
- Plaster mix shall be modified using fibre wool & mastercast 141 or equivalent plasticisers as per manufacturer's specification.
- Height of placing blocks shall be maximum 1.2m per day.
- After initial coat of plastering, water curing shall be provided for minimum 3 days & after final coat water curing shall be provided for 7 days.

TYPICAL WALL CONSTRUCTION DETAIL

1:20

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

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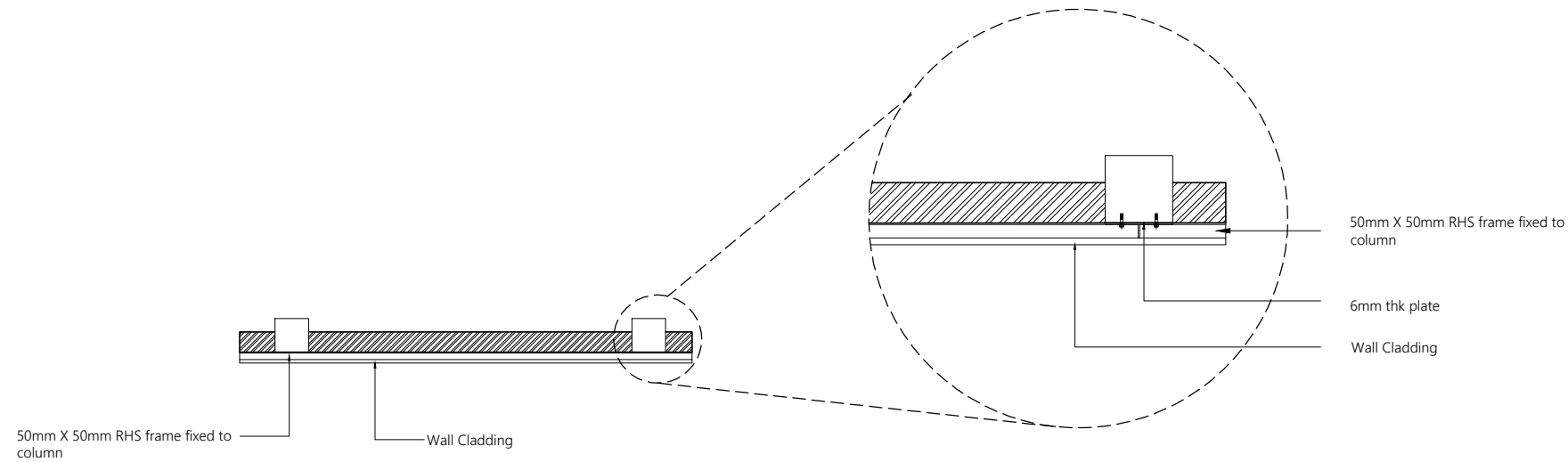
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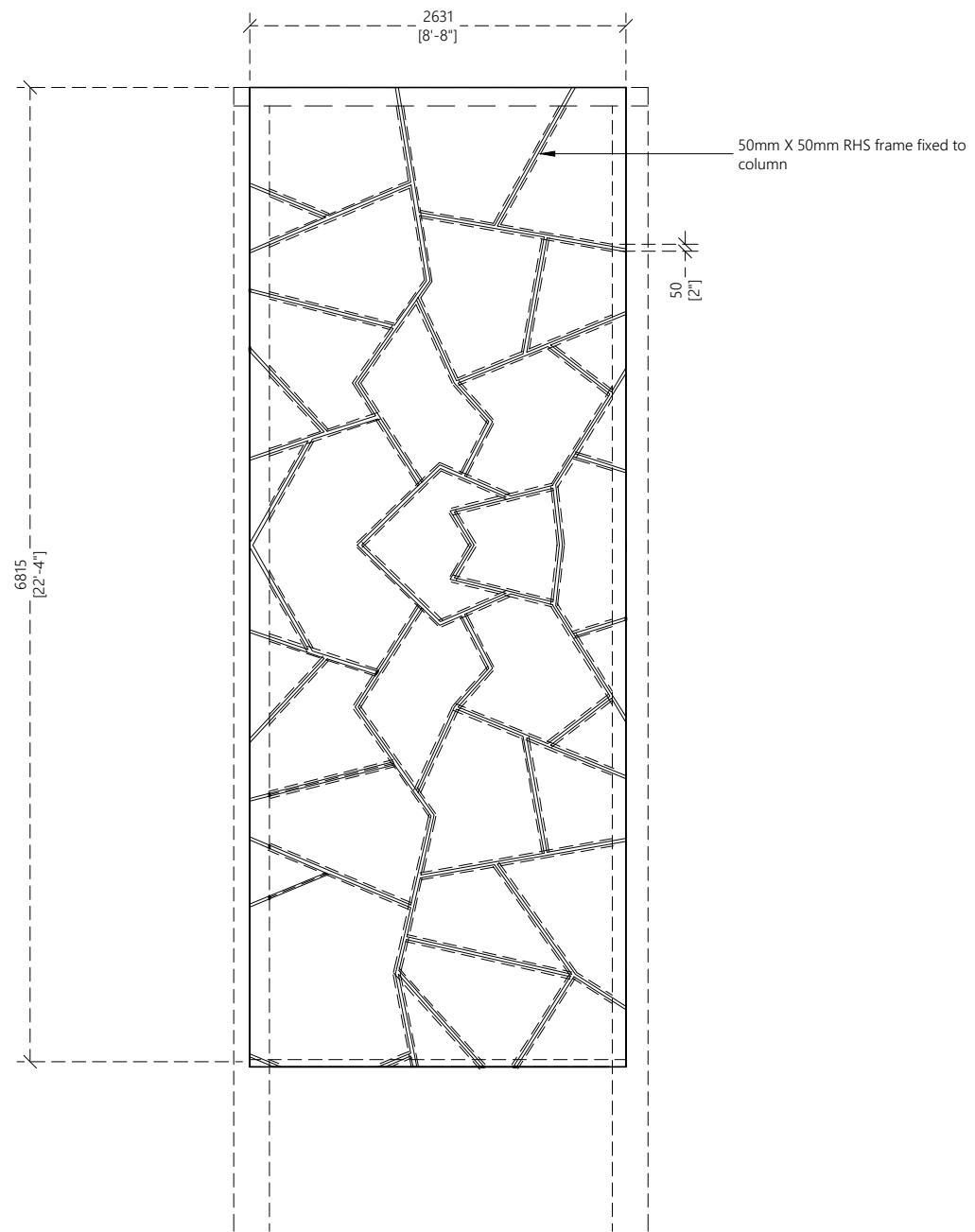


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Rev: Page:
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E1
PLAN VIEW



ELEVATION E1

CLADDING DETAIL

1:50

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**VILIMALE' FISH
MARKET**

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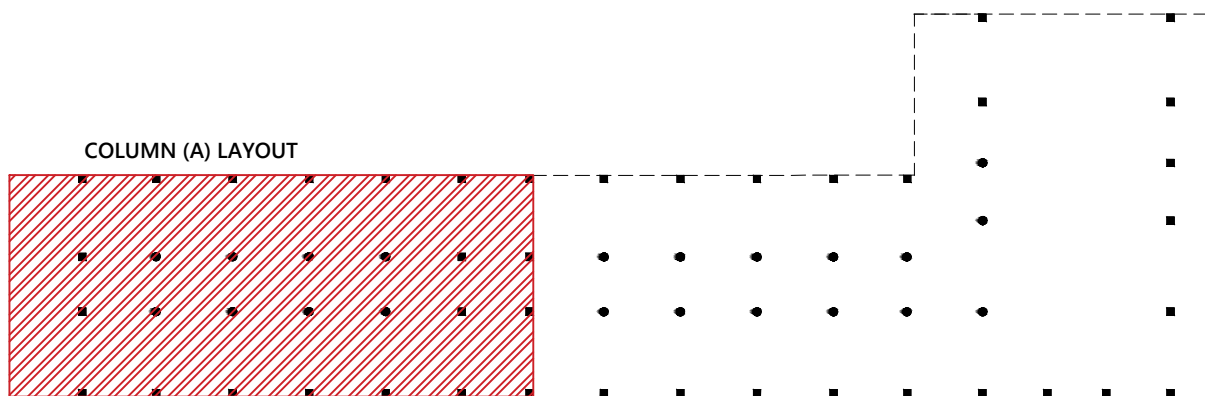
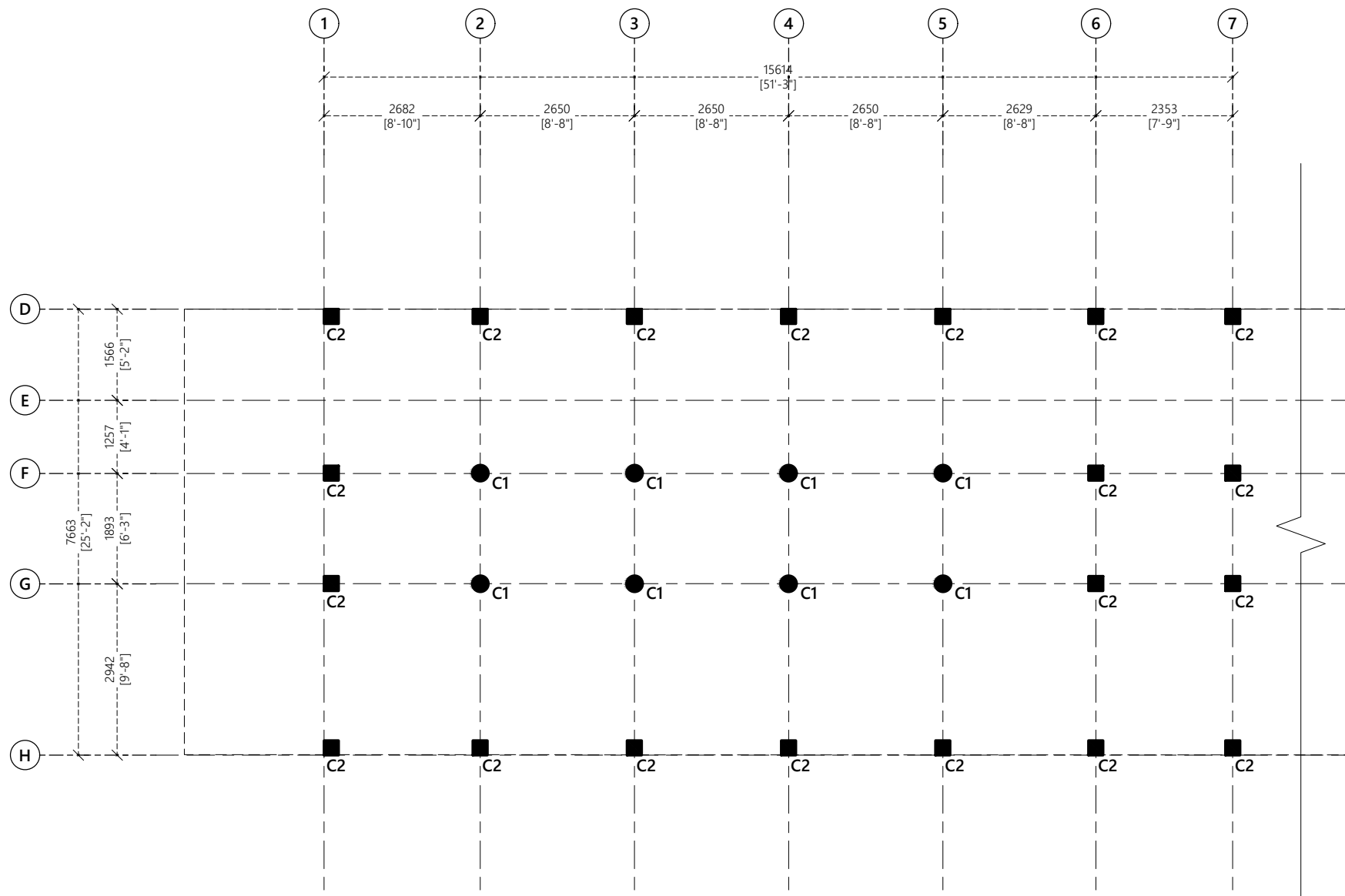
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Rev:	Page:
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---	A.D.05
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KEY PLAN

NTS

COLUMN (A) LAYOUT

1:100

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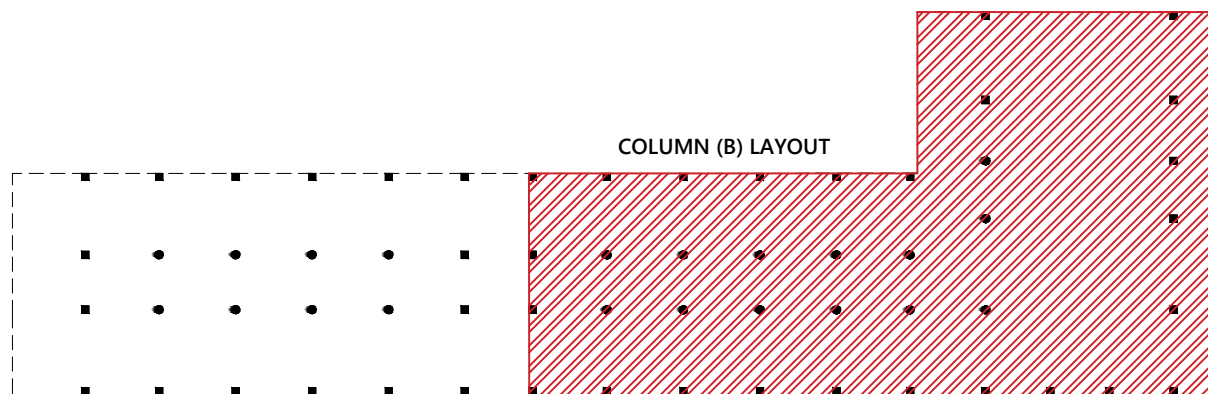
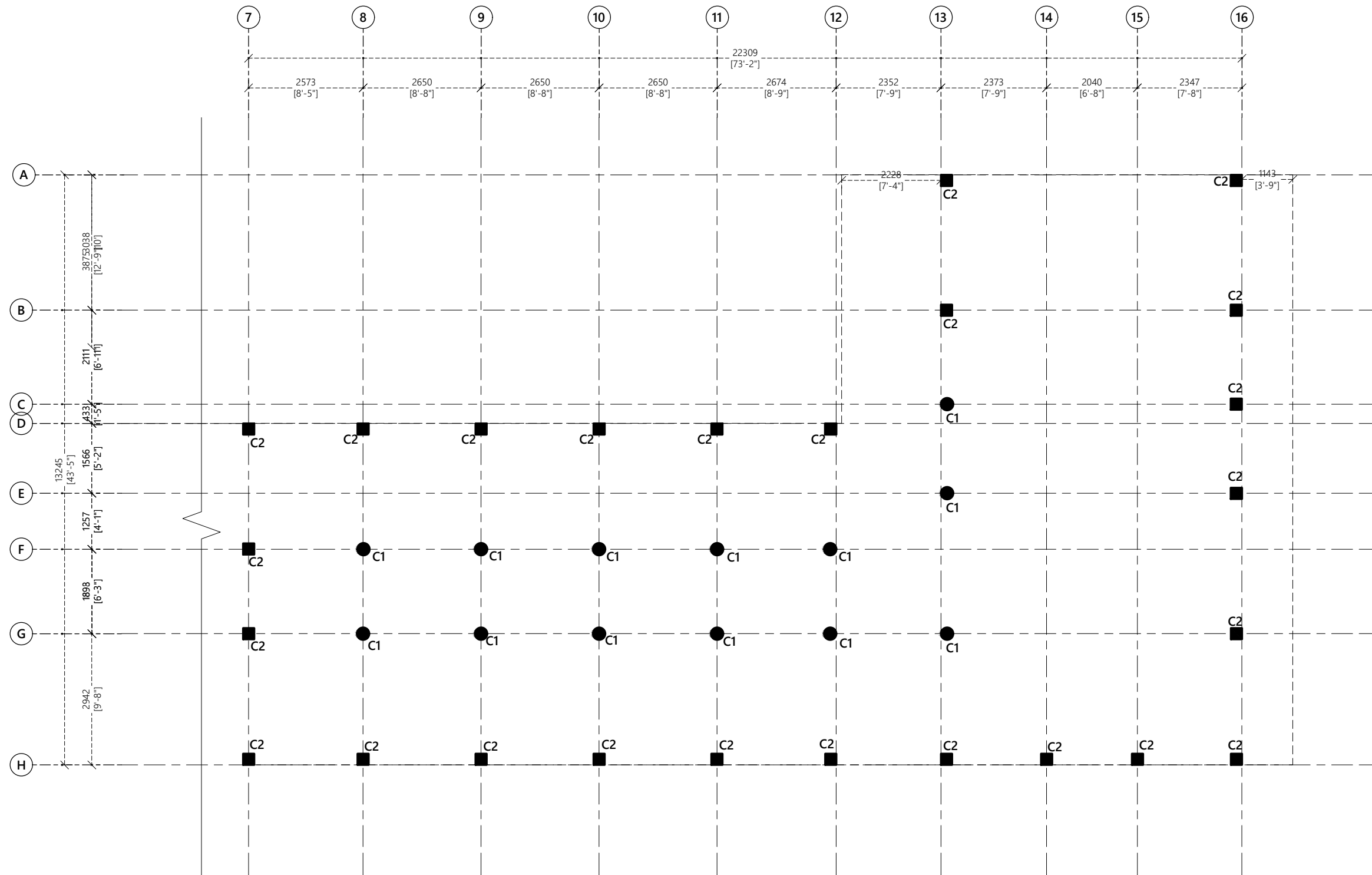
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Rev:	Page:
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---	S.1.01
---	---



KEY PLAN

NTS

COLUMN (B) LAYOUT

1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

Client:

LOCAL GOVERNMENT AUTHORITY

December 2019

Architect:


Fathmath Ihudha Amir

Engineer:

Adam Madeeh

Drawn By:

Aishath Shadhny Afzal

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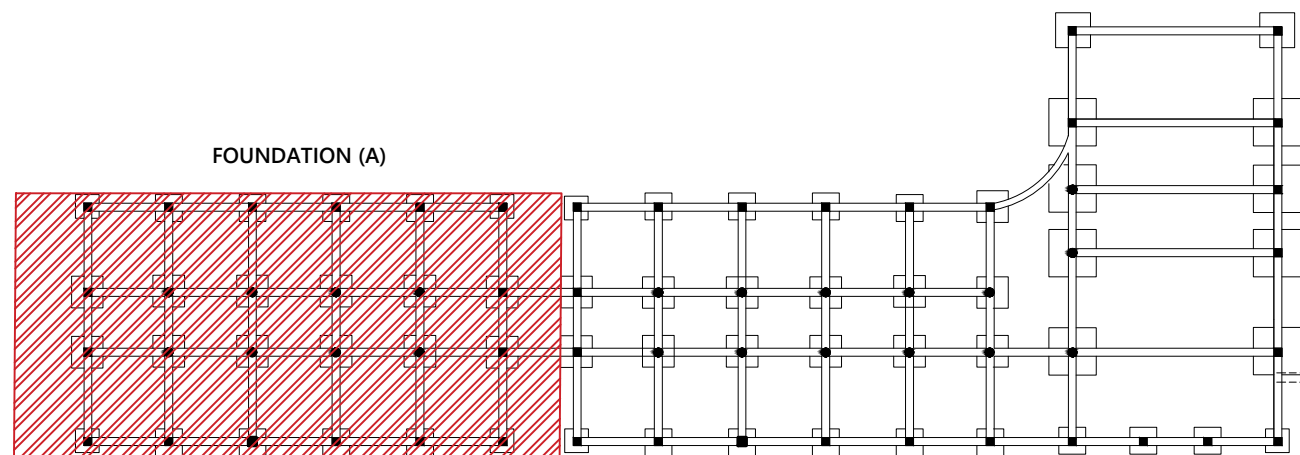
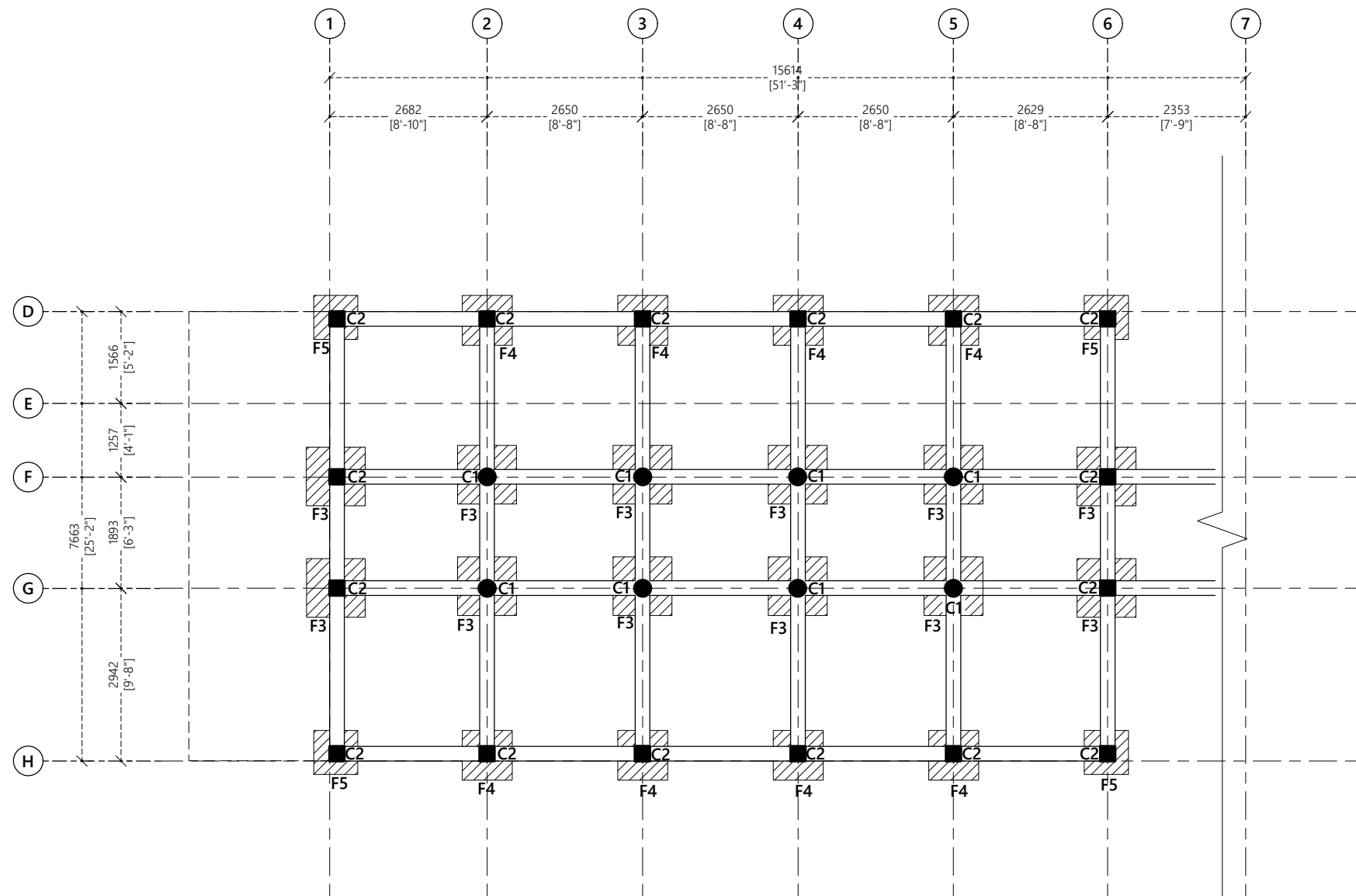
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Page:

S.1.02



KEY PLAN

NTS

Notes:
Foundation Depth = 1200mm
All the beams are "TB"

FOUNDATION (A) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUTHORITY

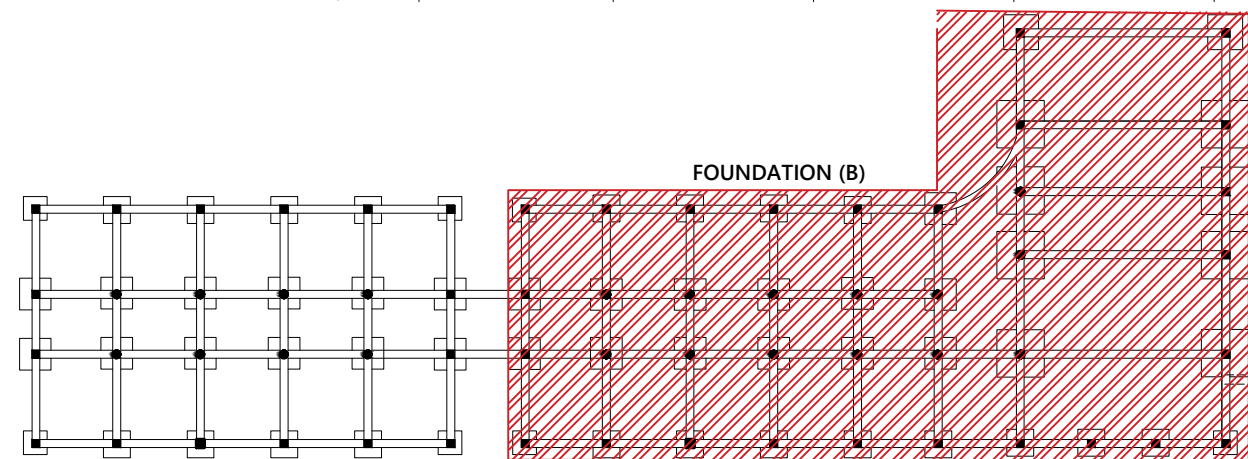
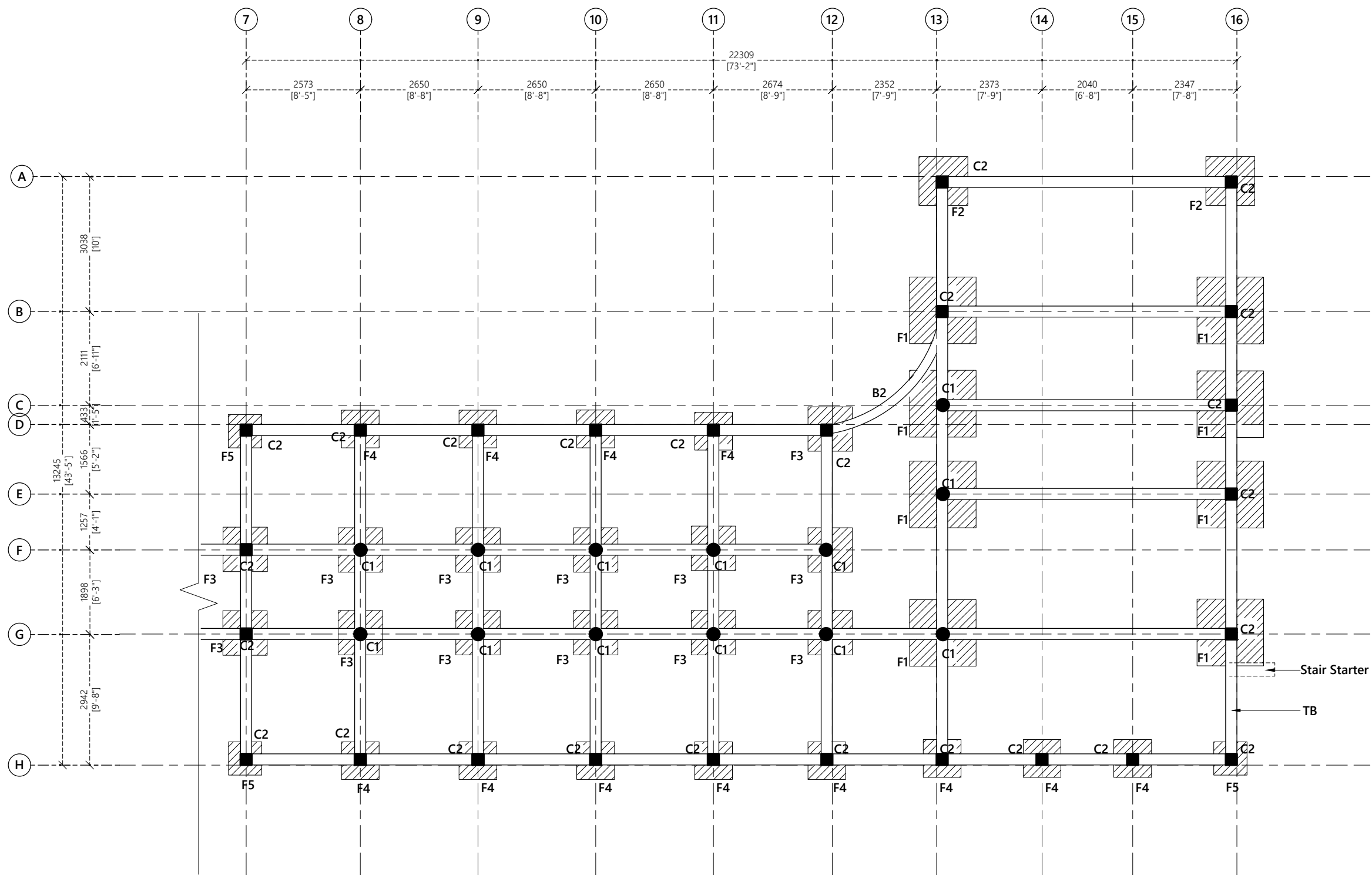
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Rev:	Page:
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---	S.2.01
---	---



KEY PLAN

NTS

Notes:
Foundation Depth = 1200mm
All the beams are "TB"

FOUNDATION (B) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUTHORITY

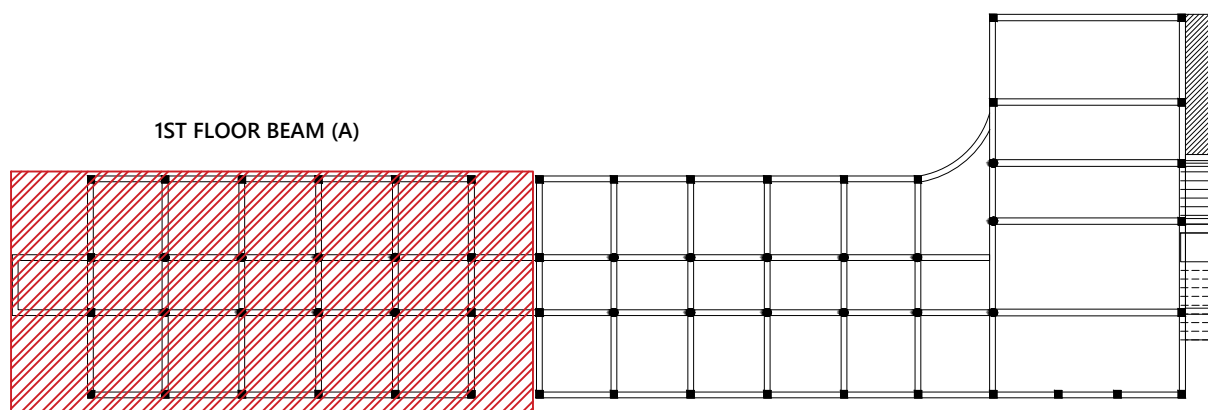
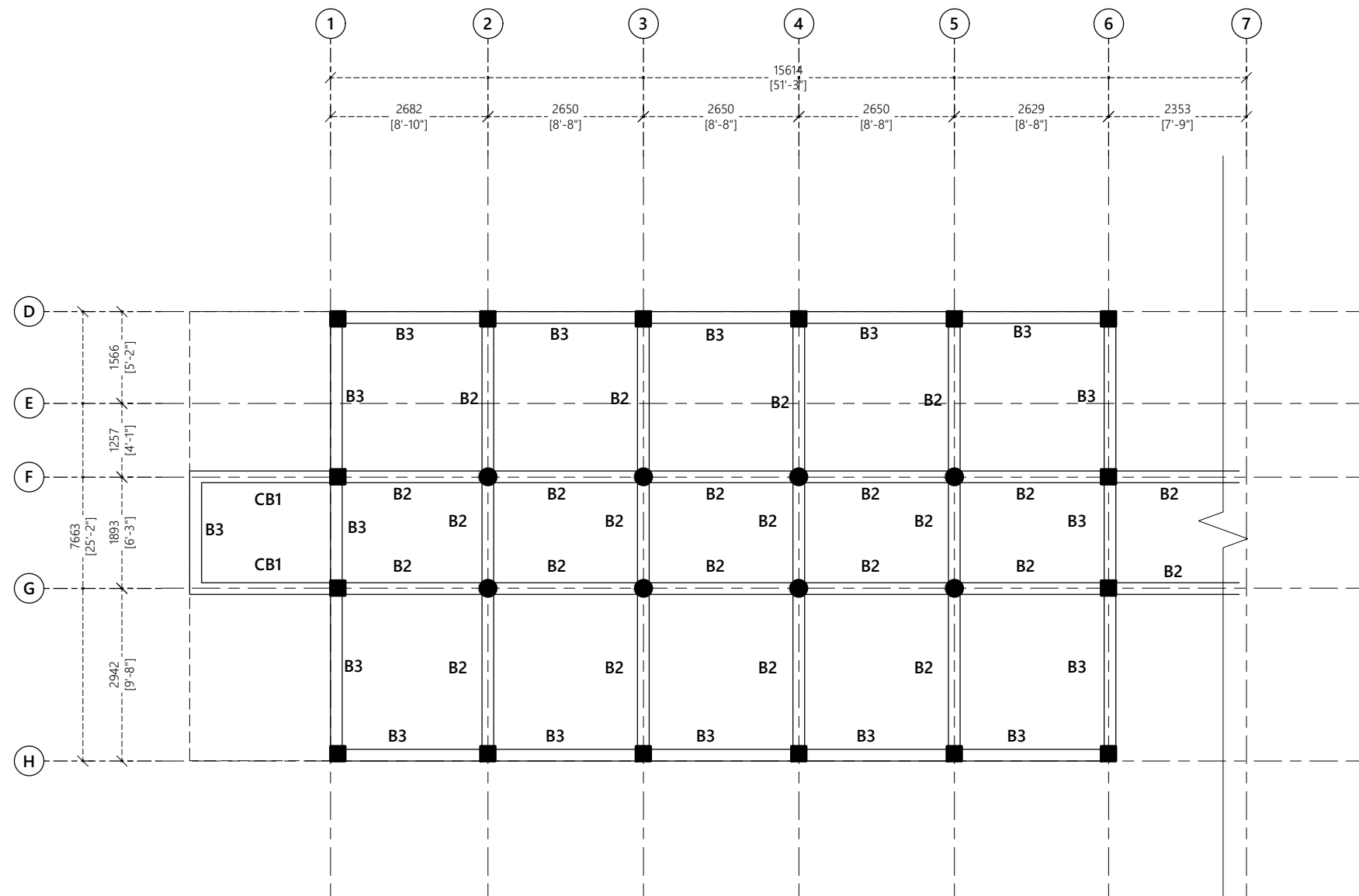
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Rev:	Page:
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---	S.2.02
---	---



KEY PLAN

NTS

1ST FLOOR BEAM (A) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

Client:
LOCAL GOVERNMENT AUTHORITY

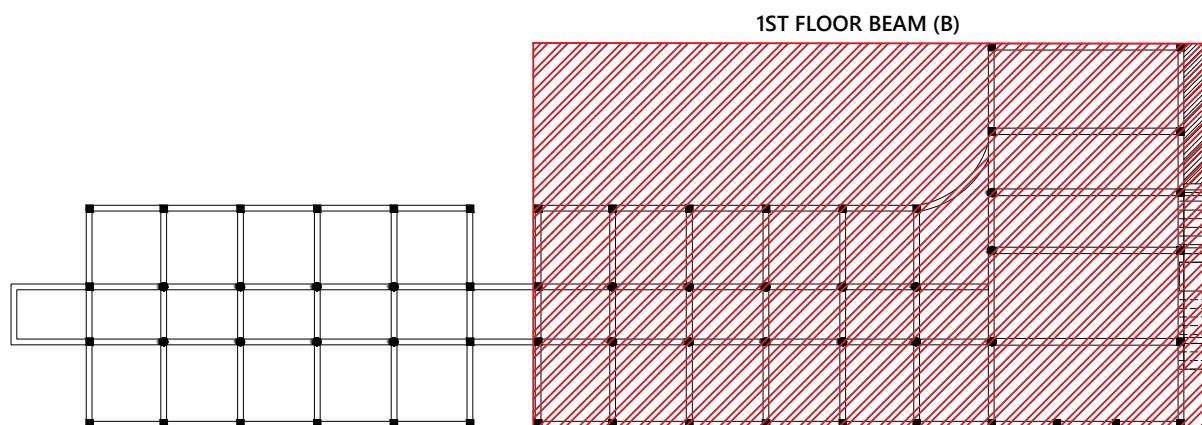
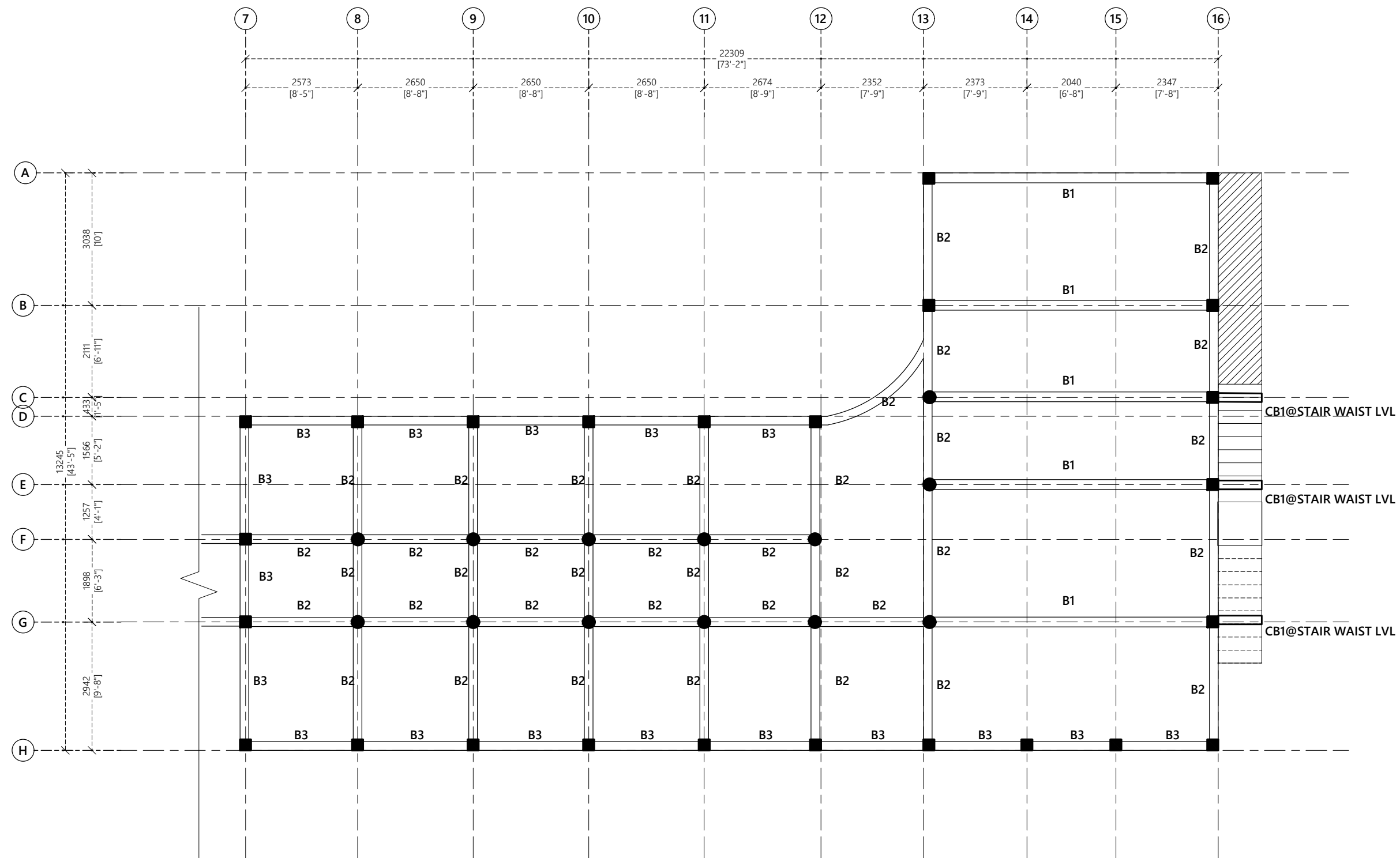
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Rev:	Page:
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---	S.3.01
---	---



KEY PLAN
NTS

1ST FLOOR BEAM (B) PLAN
1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUTHORITY

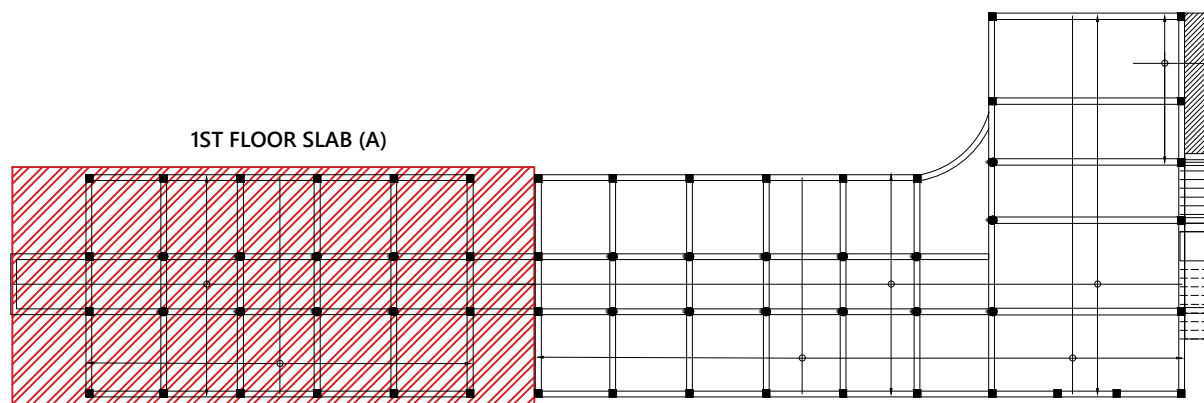
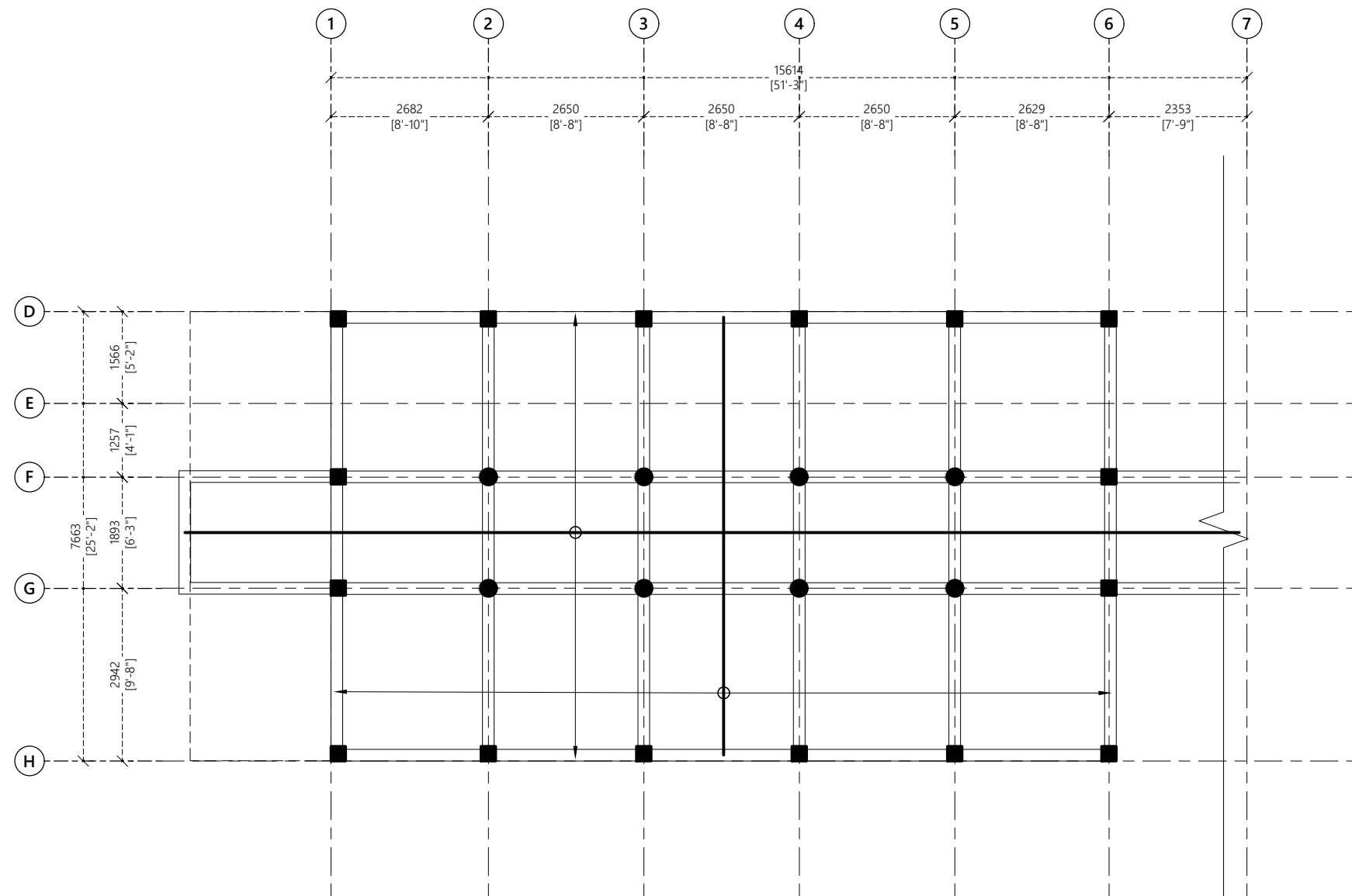
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S.3.02



KEY PLAN

NTS

Notes:
Slab Thickness: 130mm
Shaded slab Thickness: 165mm
Bottom Reinf.: T10@150 C/C B/W (not shown)
Top Reinf.: T10@150 C/C (as shown, unless stated)
Distribution Bars: T10@200 C/C
Bars to be discontinuous over voids and ducts
Extra bars 3T10@45 C/C T&B (as shown)

1ST FLOOR SLAB (A) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

Client:
LOCAL GOVERNMENT AUTHORITY

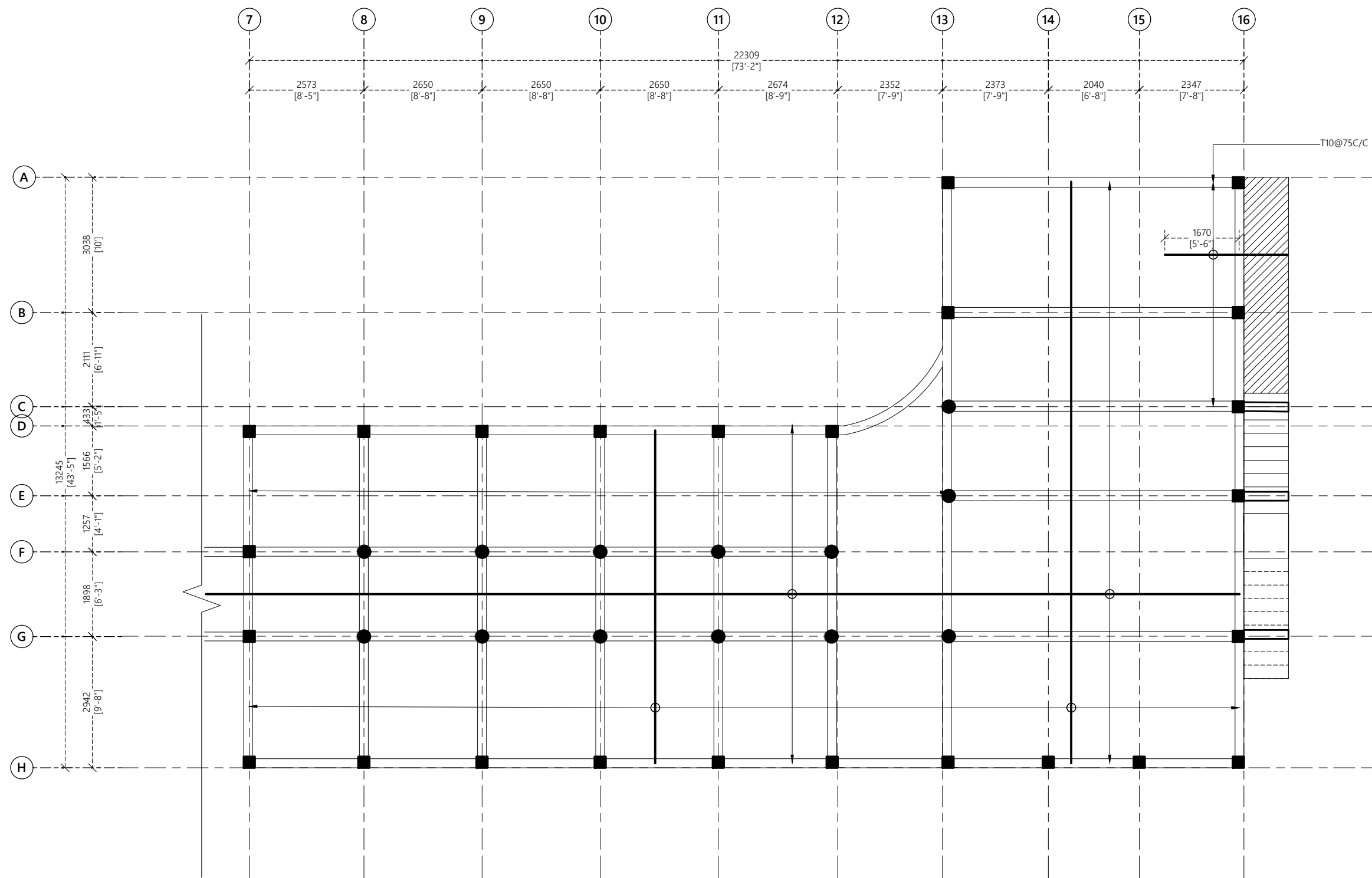
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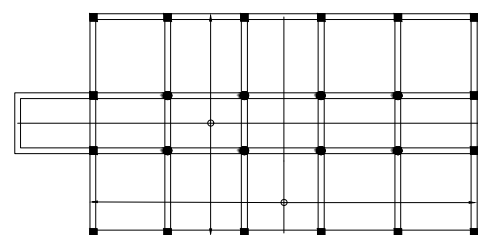
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Rev:	Page:
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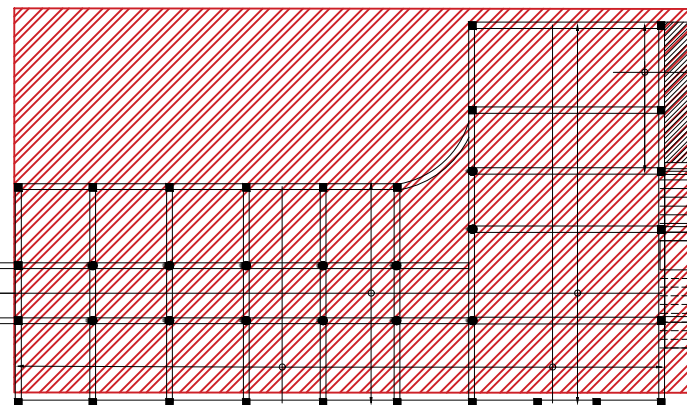


1ST FLOOR SLAB (B)



KEY PLAN

NTS



Notes:
 Slab Thickness: 130mm
 Shaded slab Thickness: 165mm
 Bottom Reinf.: T10@150 C/C B/W (not shown)
 Top Reinf.: T10@150 C/C (as shown, unless stated)
 Distribution Bars: T10@200 C/C
 Bars to be discontinuous over voids and ducts
 Extra bars 3T10@45 C/C T&B (as shown)

1ST FLOOR SLAB (B) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
 MARKET**

Client:
 LOCAL GOVERNMENT AUTHORITY

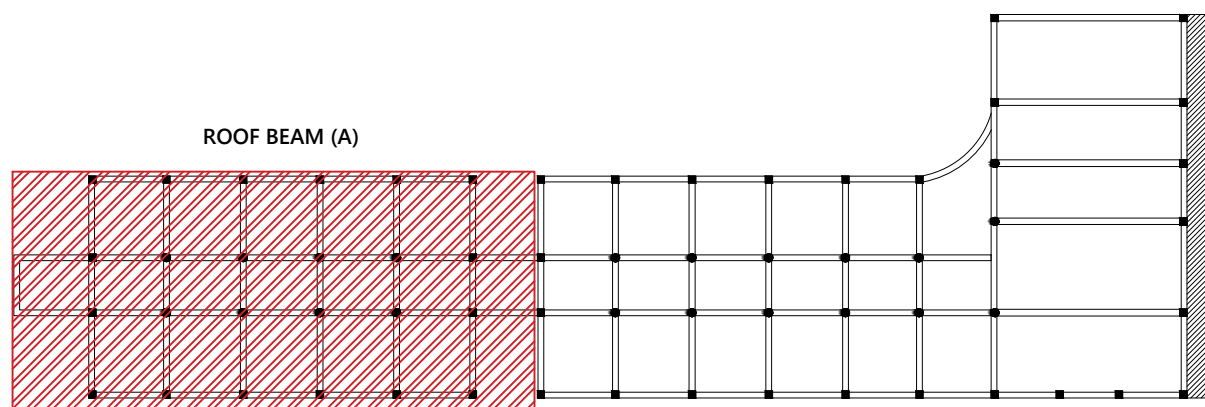
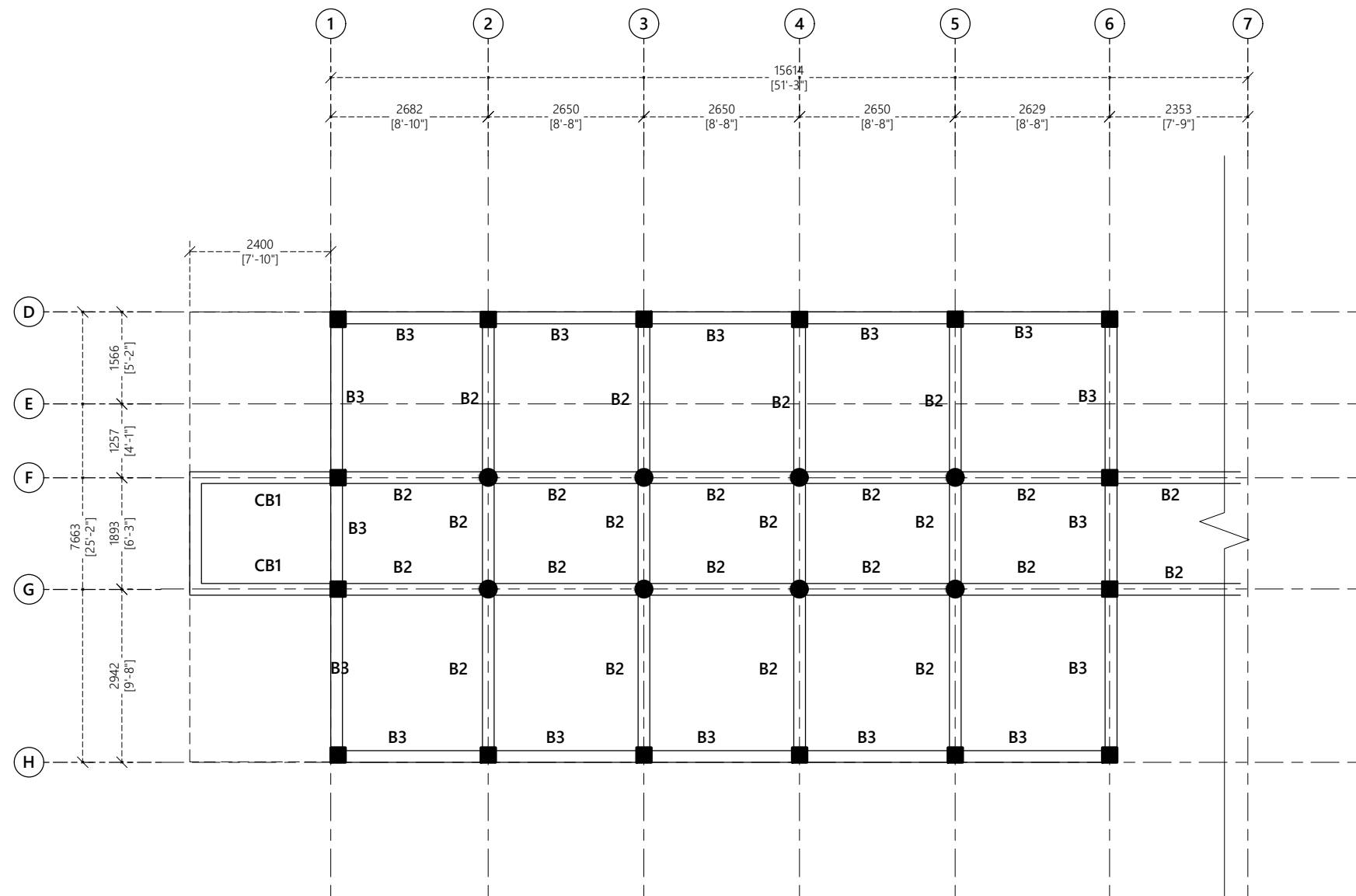
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 S.3.04



KEY PLAN

NTS

ROOF BEAM (A) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

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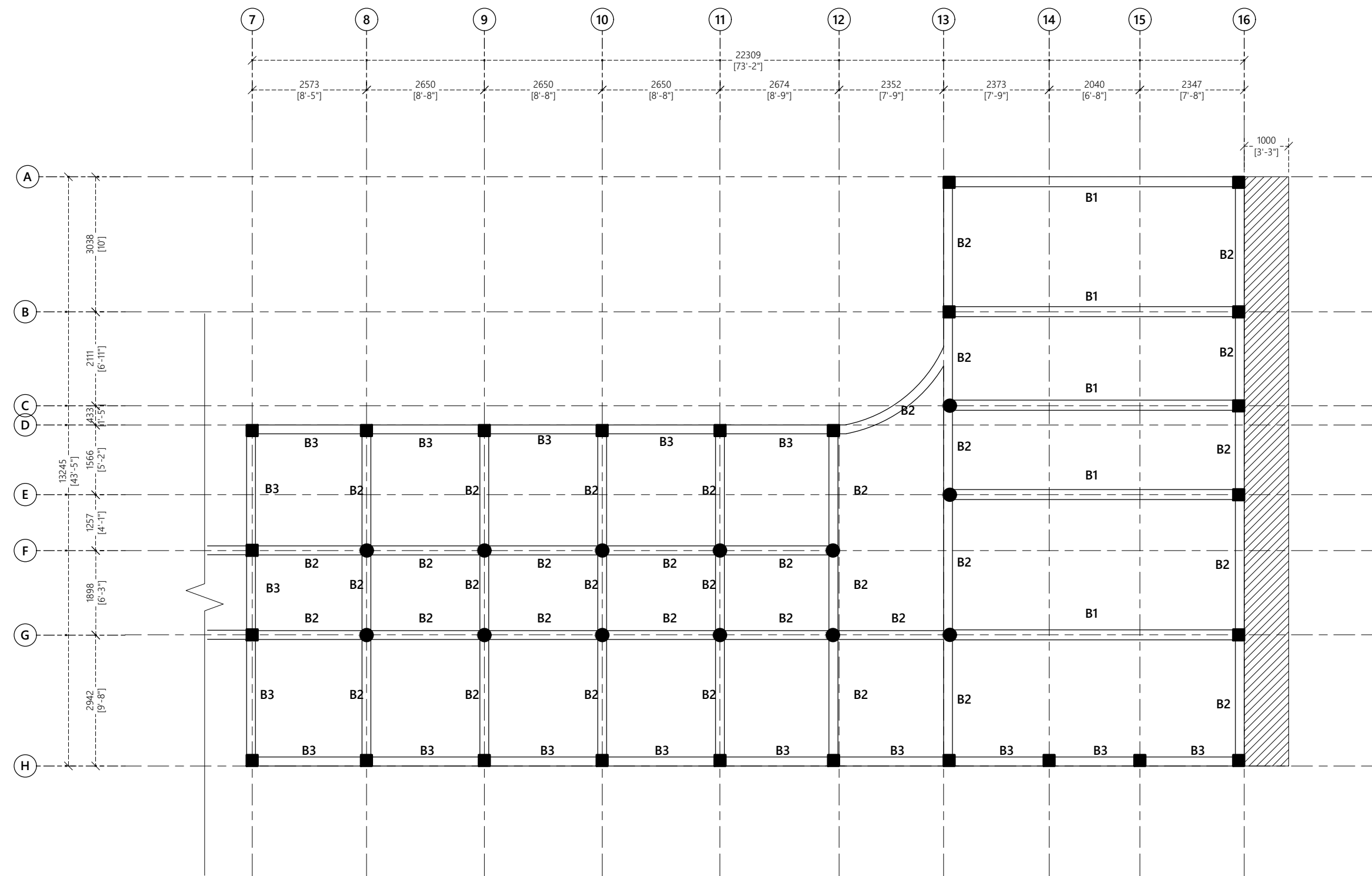
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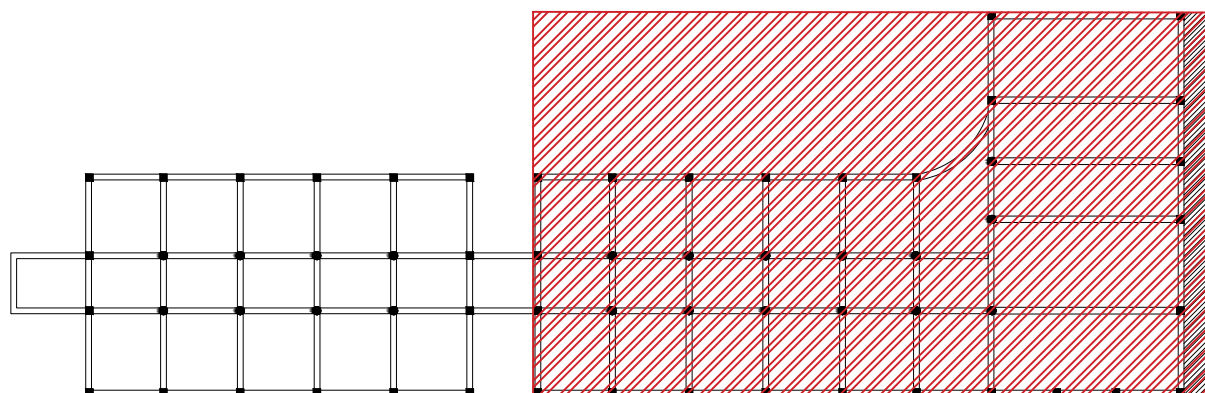
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Rev:	Page:
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---	S.3.05
---	---



ROOF BEAM (B)



KEY PLAN

NTS

ROOF BEAM (B) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH MARKET

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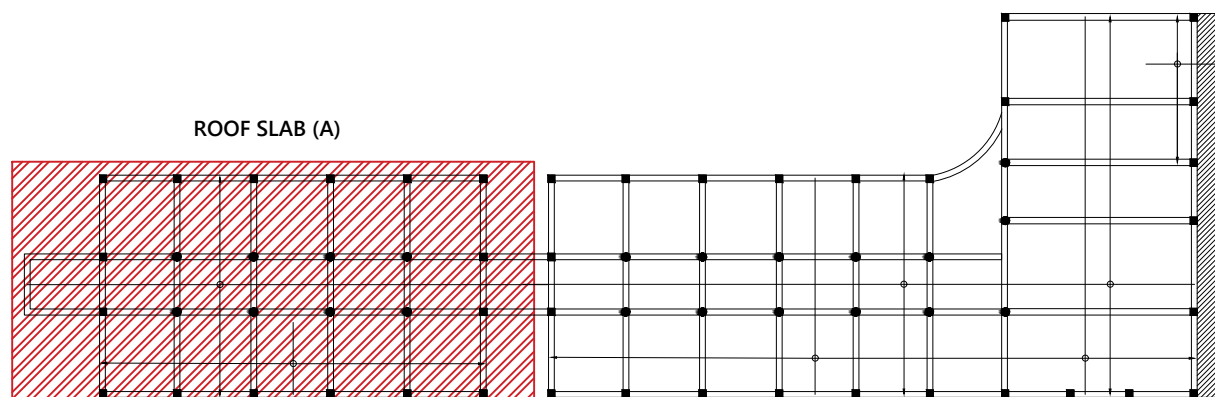
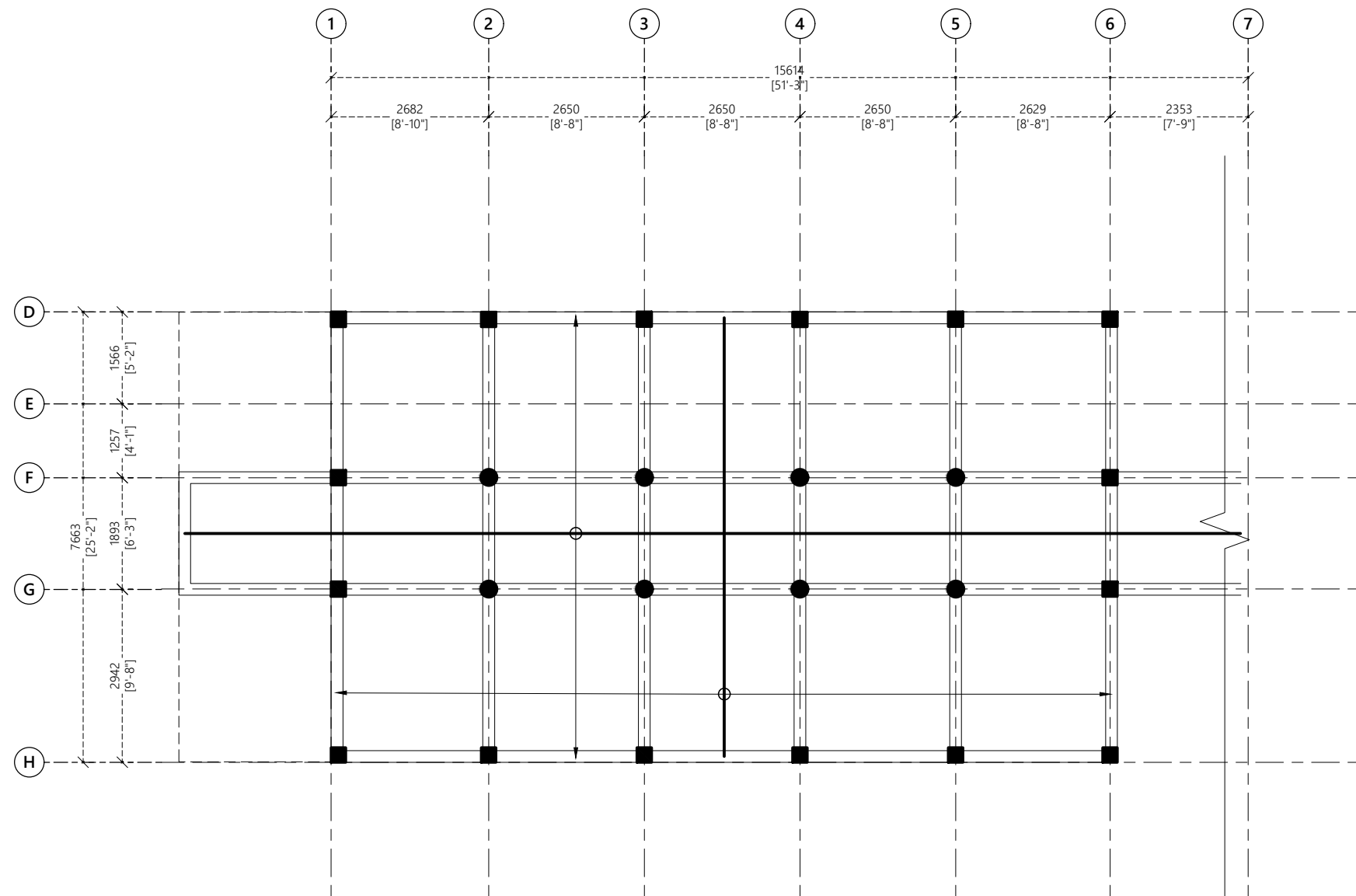
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Rev:	Page:
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---	S.3.06
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KEY PLAN
NTS

Notes:

Slab Thickness: 130mm
Shaded slab Thickness: 165mm
Bottom Reinf.: T10@150 C/C B/W (not shown)
Top Reinf.: T10@150 C/C (as shown, unless stated)
Distribution Bars: T10@200 C/C
Bars to be discontinuous over voids and ducts
Extra bars 3T10@45 C/C T&B (as shown)

ROOF SLAB (A) PLAN
1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUOTHORITY

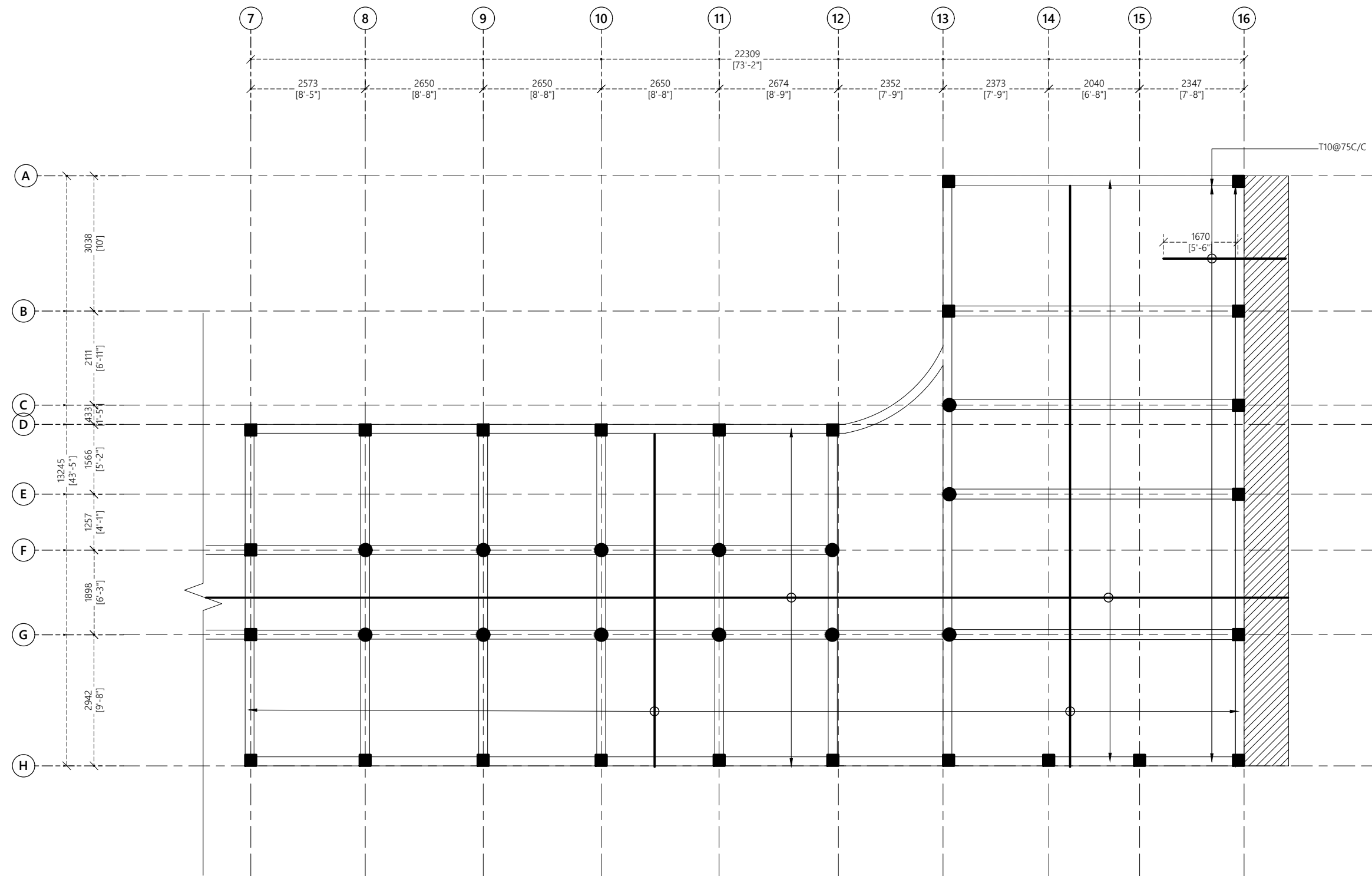
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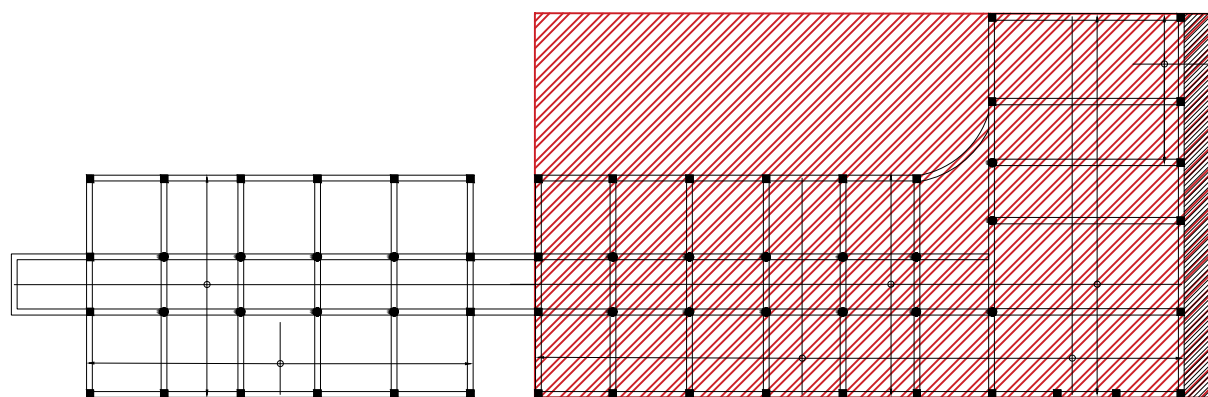


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S.3.07



ROOF SLAB (B)



KEY PLAN

NTS

Notes:

Slab Thickness: 130mm
Shaded slab Thickness: 165mm
Bottom Reinf.: T10@150 C/C B/W (not shown)
Top Reinf.: T10@150 C/C (as shown, unless stated)
Distribution Bars: T10@200 C/C
Bars to be discontinuous over voids and ducts
Extra bars 3T10@45 C/C T&B (as shown)

ROOF SLAB (B) PLAN

1:100

PROPOSED 02 STOREY BUILDING AT
**VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUTHORITY

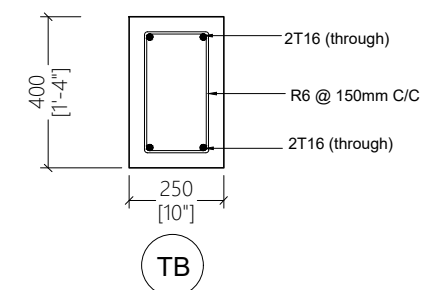
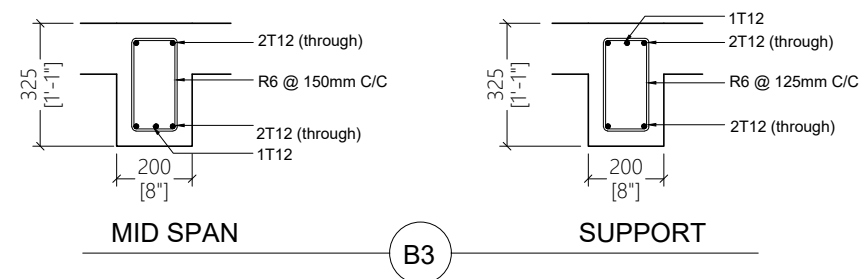
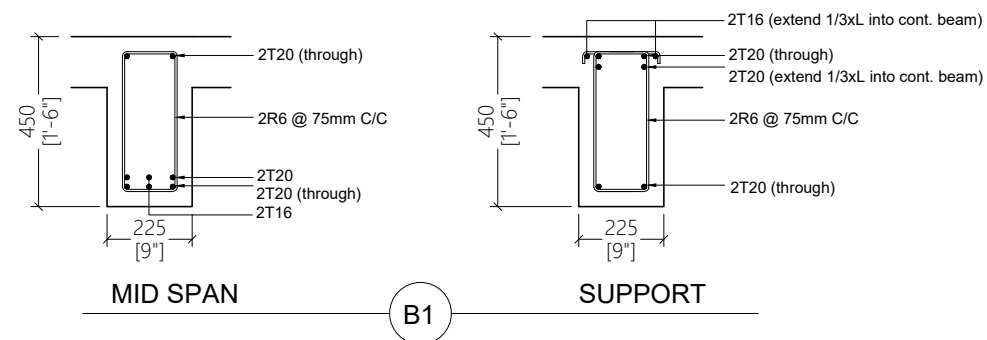
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Engineer: Adam Madeeh
Drawn By: Aishath Shadhny Afzal



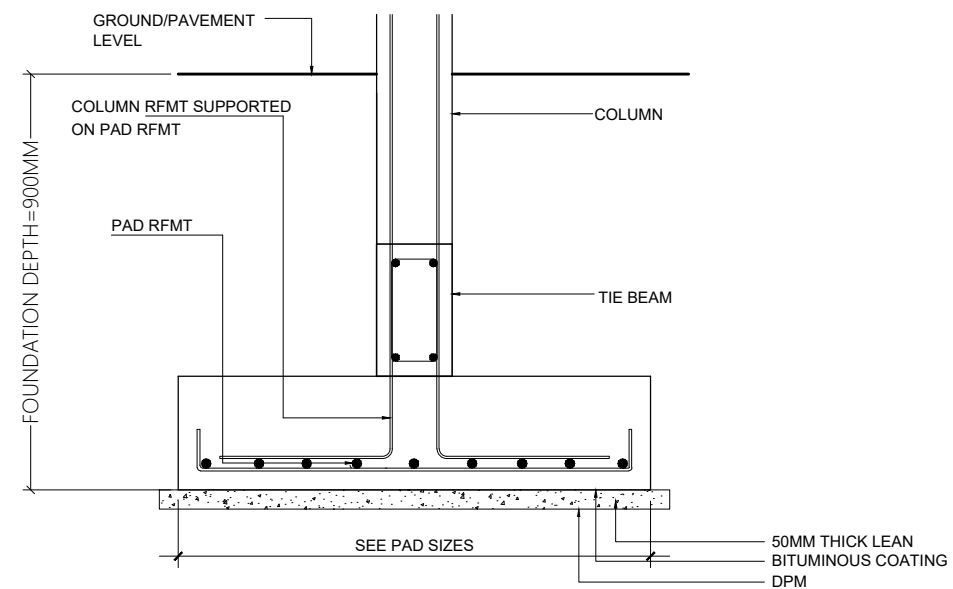
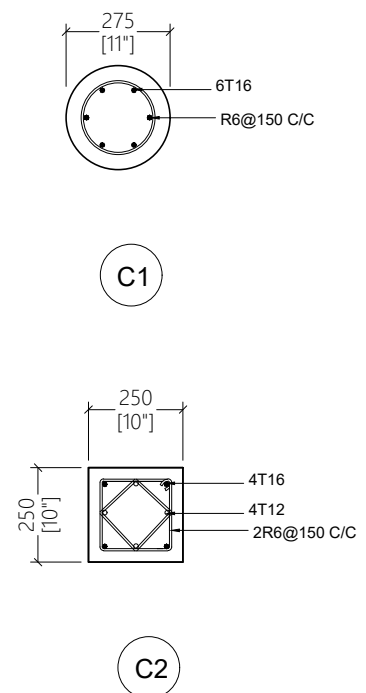
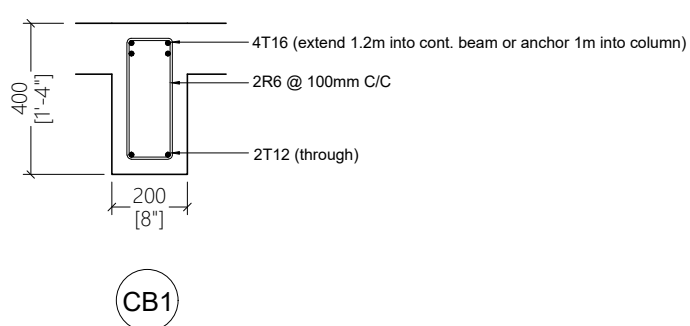
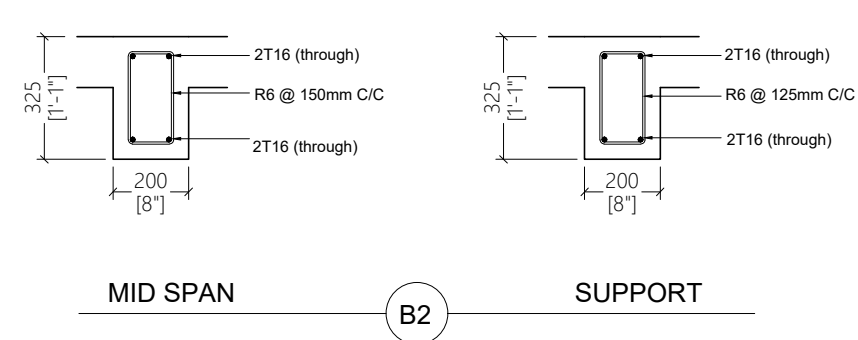
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Rev:	Page:
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---	S.3.08
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TYPE	SIZE	REINFORCEMENT
F1	1500 X 1500 X 300	T10 @ 150 C/C BW (B)
F2	1100 X 1100 X 300	T10 @ 150 C/C BW (B)
F3	1000 X 1000 X 300	T10 @ 150 C/C BW (B)
F4	850 X 850 X 300	T10 @ 150 C/C BW (B)
F5	750 X 750 X 300	T10 @ 150 C/C BW (B)

FOOTING DETAILS



STRUCTURAL DETAILS

**PROPOSED 02 STOREY BUILDING AT
VILIMALE' FISH
MARKET**

Client:
LOCAL GOVERNMENT AUTHORITY

December 2019
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Engineer: Adam Madeeh
Drawn By: Aishath Shadhny Afzal



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