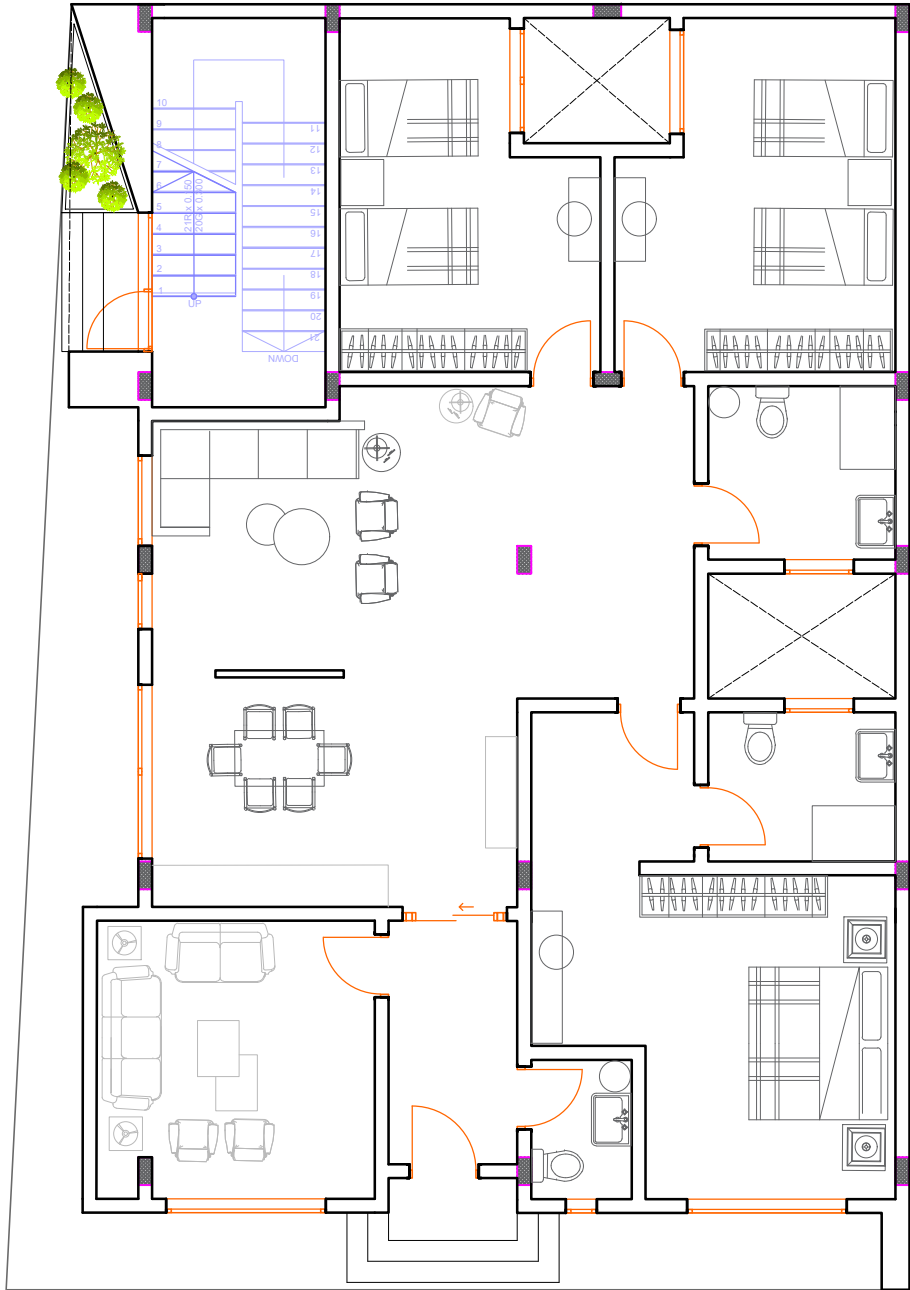




PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: Ground Floor Plan

SCALE: 1:100

SHEET SIZE: A3

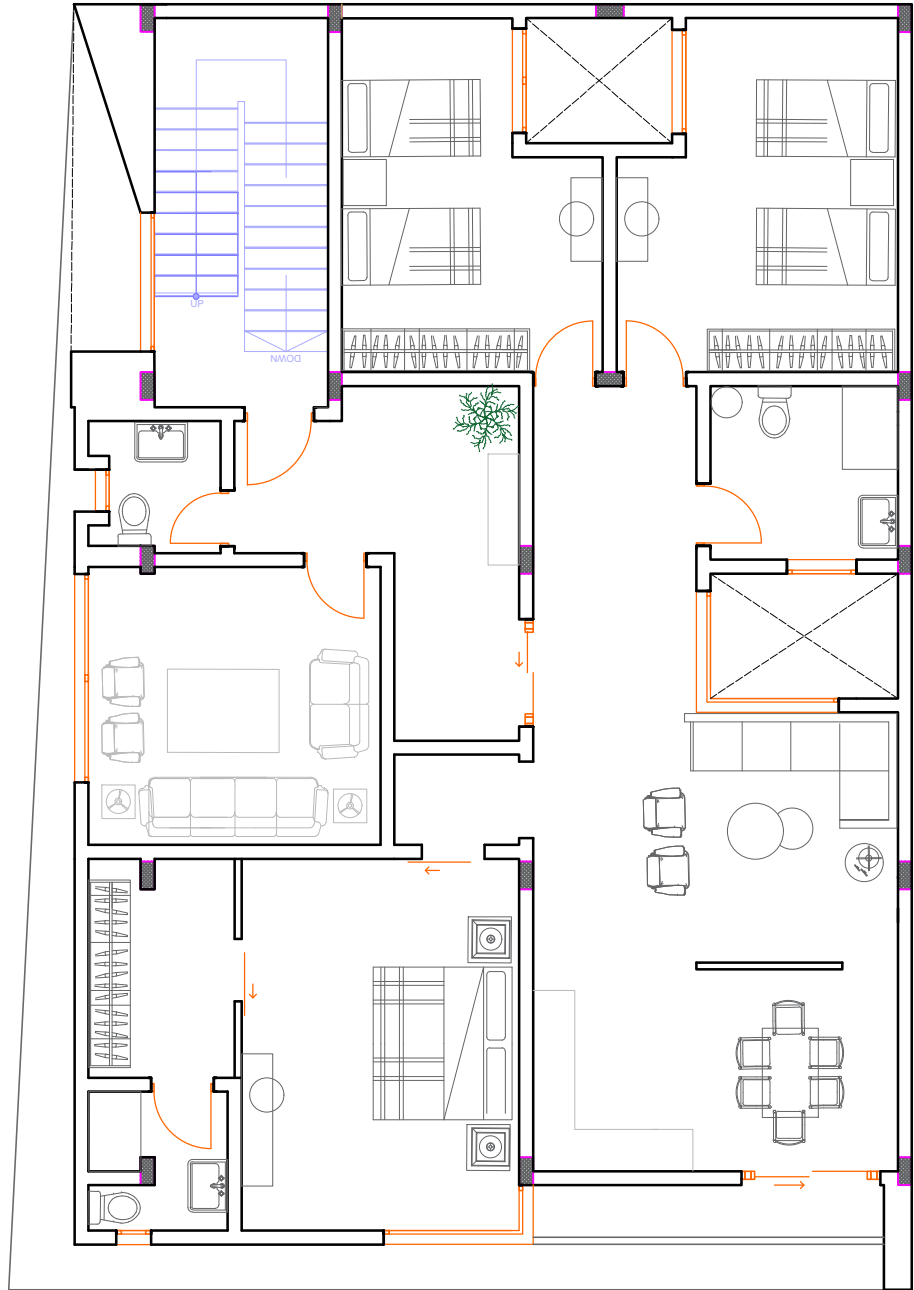
AREA: 192.40 m²

TOTAL AREA: 604.70 m²

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



For Architects work

PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: First Floor Plan

SCALE: 1:100

SHEET SIZE: A3

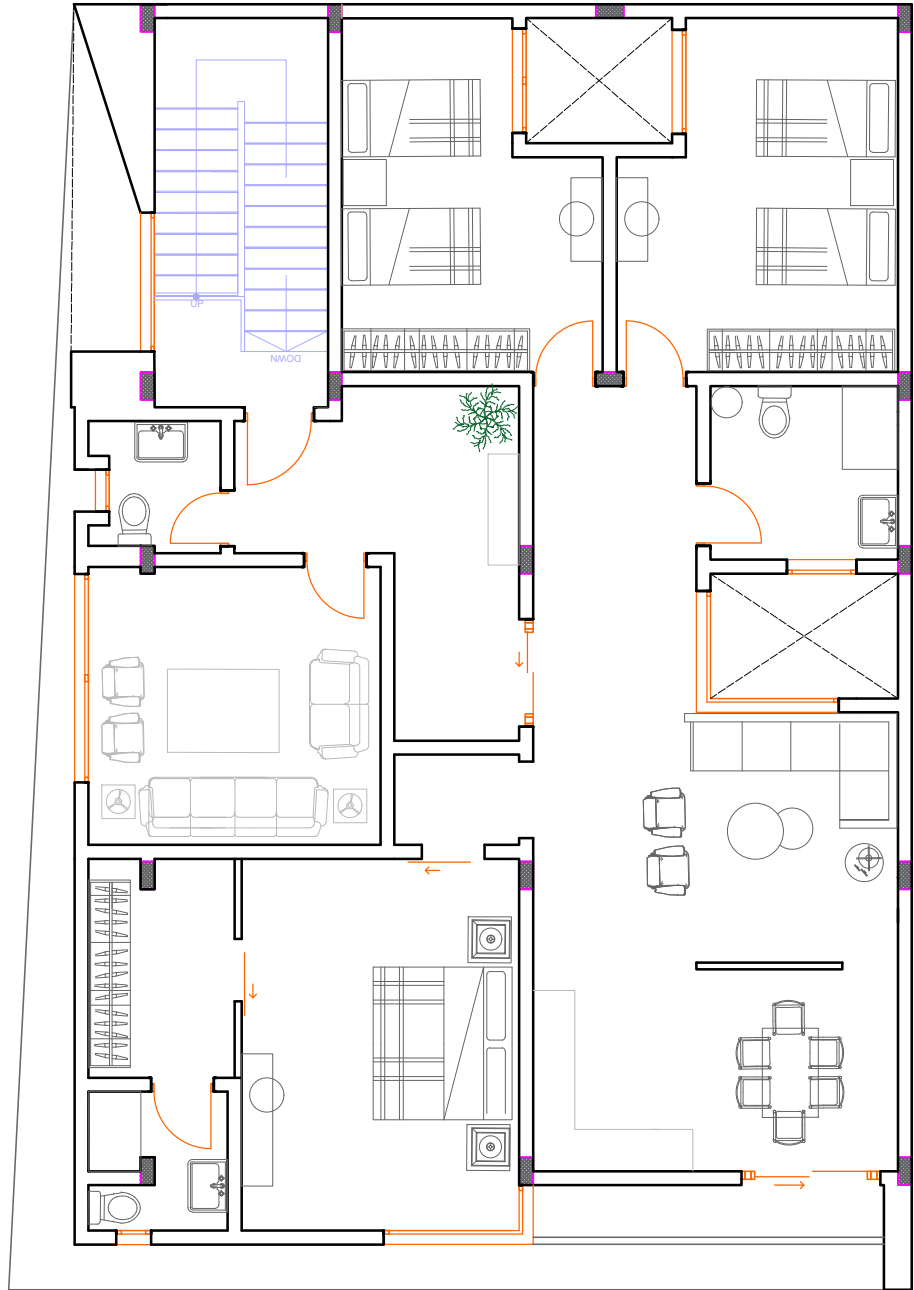
AREA: 206.15m²

TOTAL AREA: 604.70 m²

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT:
Ardoe for architects

TITLE SHEET:
Second Floor Plan

SCALE: 1:100

SHEET SIZE: A3

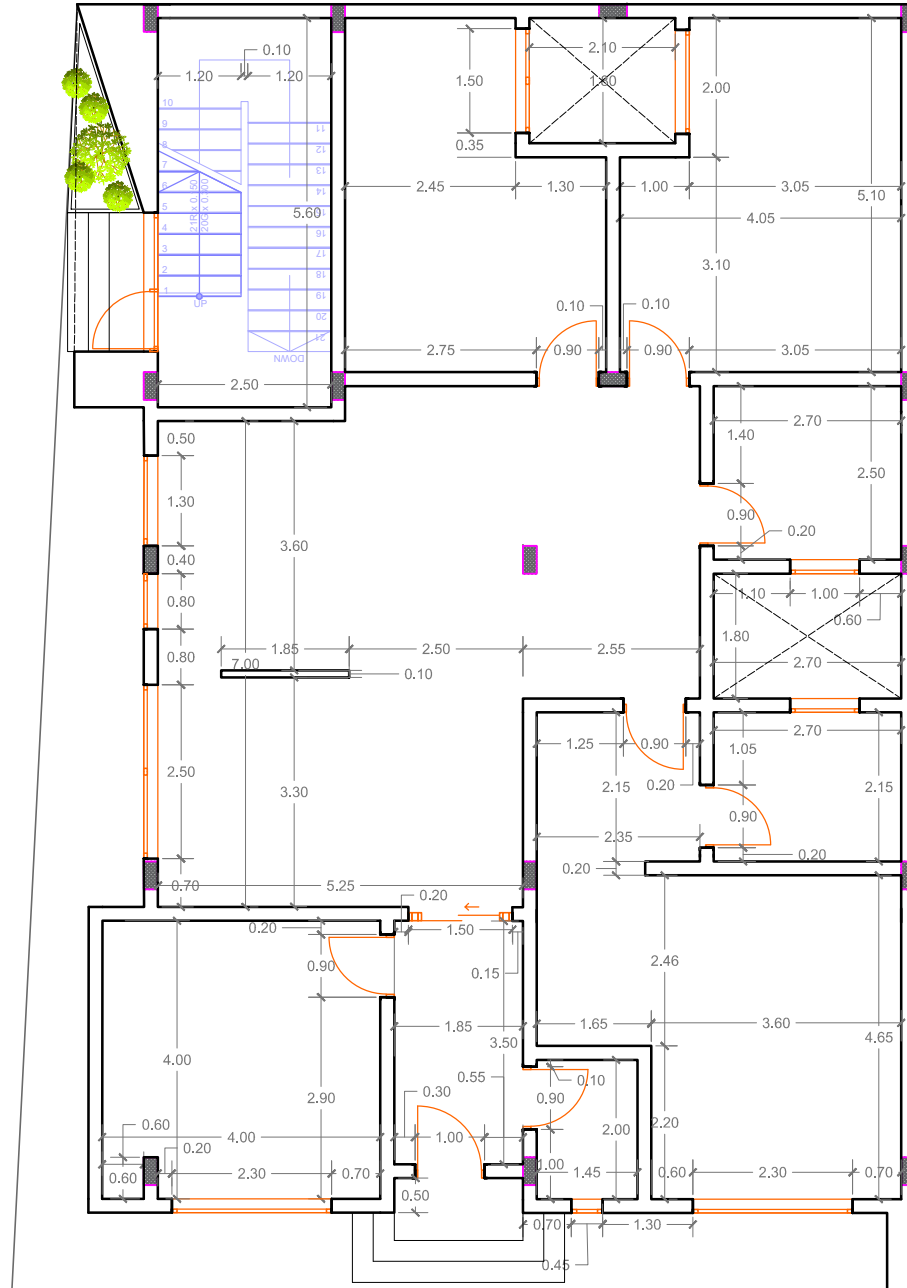
AREA: 206.15 m²

TOTAL AREA: 604.70 m²

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL:
16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: Ground Floor Plan With Dimension

SCALE: 1:100

SHEET SIZE: A3

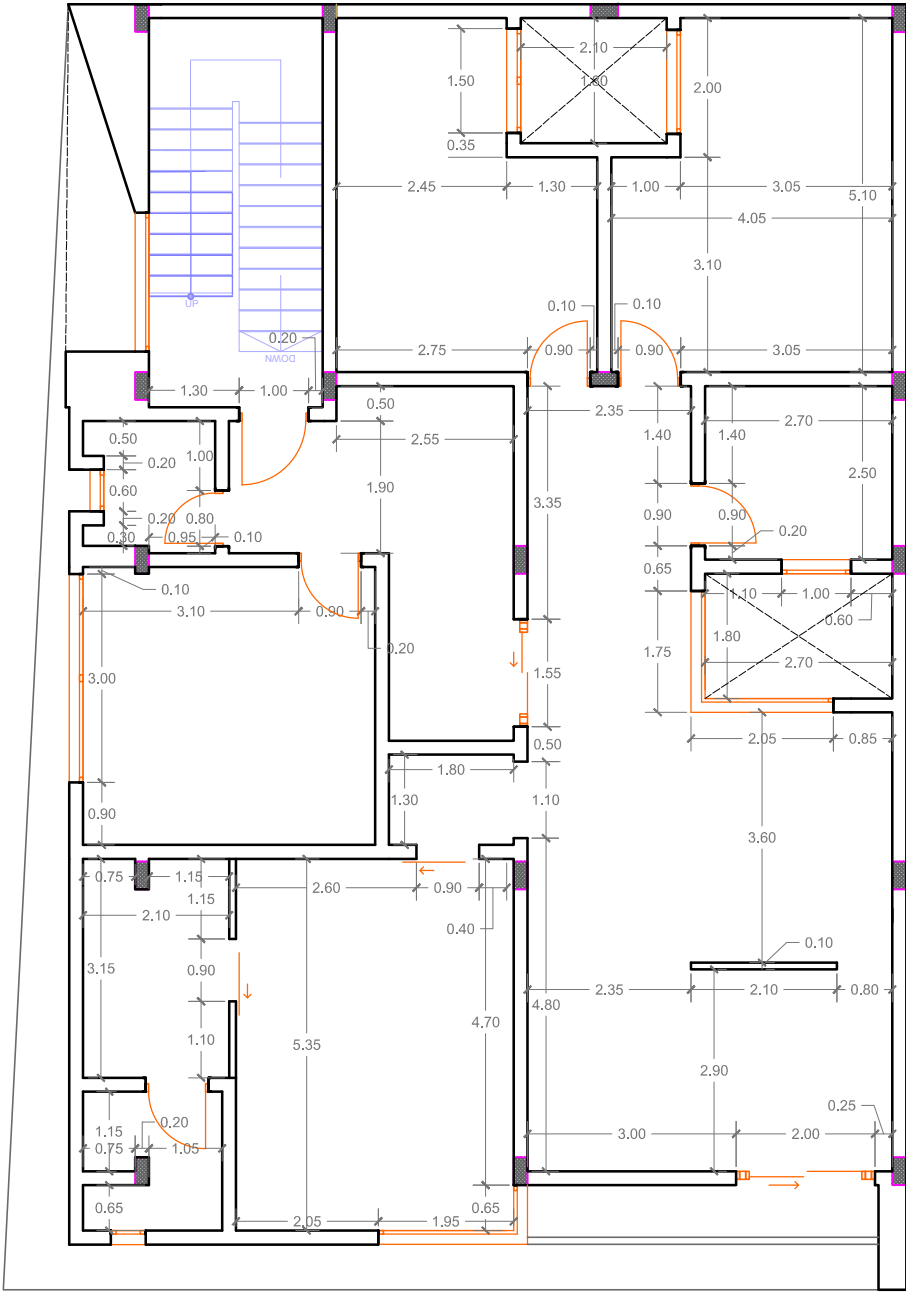
AREA: 192.40 m²

TOTAL AREA:

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



202.7



For Architects work

PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: First Floor Plan With Dimension

SCALE: 1:100

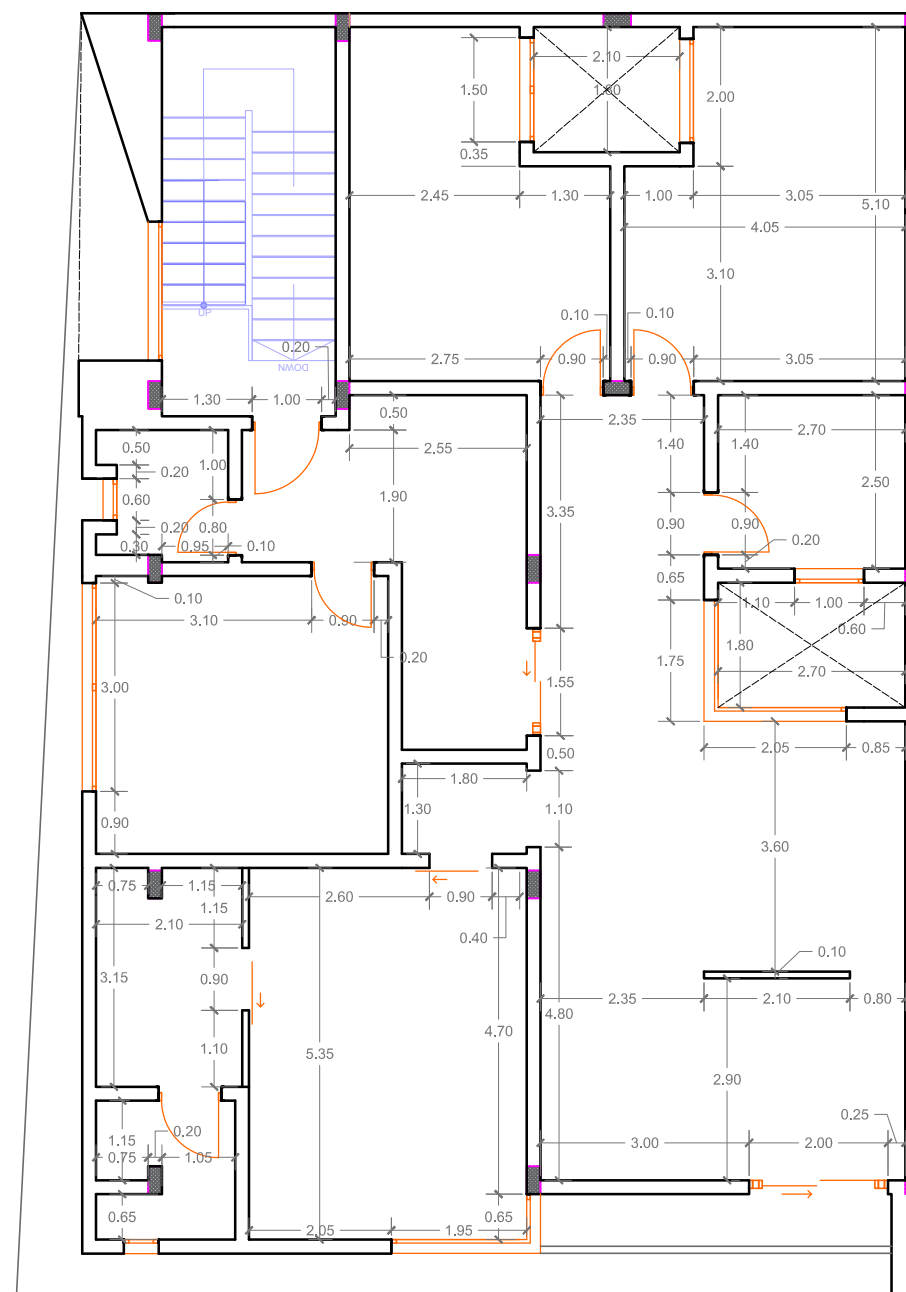
SHEET SIZE: A3

AREA: 206.15 m² TOTAL AREA: 604.70 m²

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



PROJECT: Design Villa

CLIENT: **mr.Abdulraouf harara**

ARCHITECT:

Ardoe for architects

TITLE SHEET:

Second Floor Plan With Dimension

SCALE: 1:100

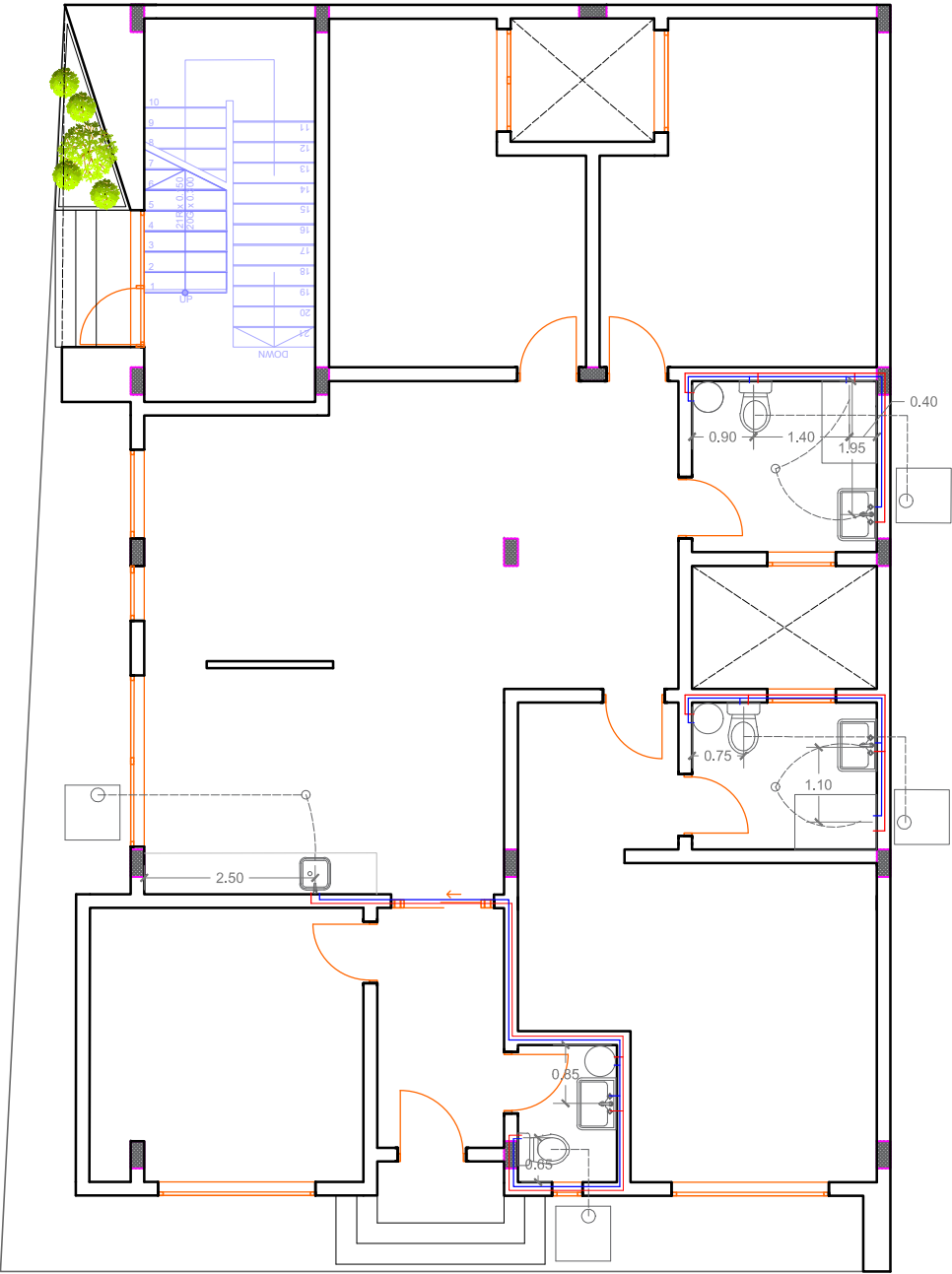
SHEET SIZE:	A3
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AREA: 206.15m² TOTAL AREA: 604.70 m²

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: Sanitary Plan For Ground Floor

SCALE: 1:100

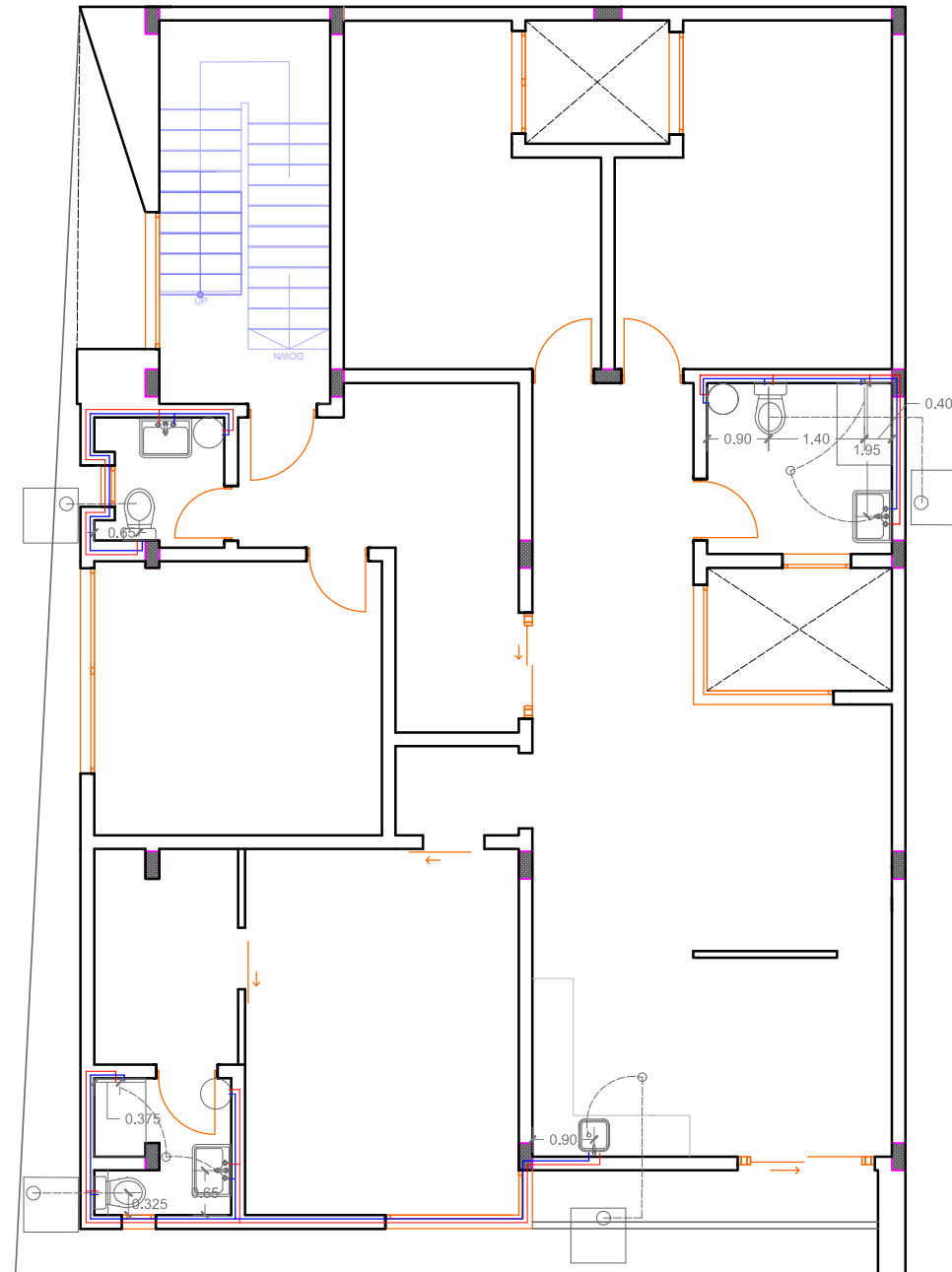
SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET:
Sanitary Plan For First & Second Floor Plan

SCALE: 1:100

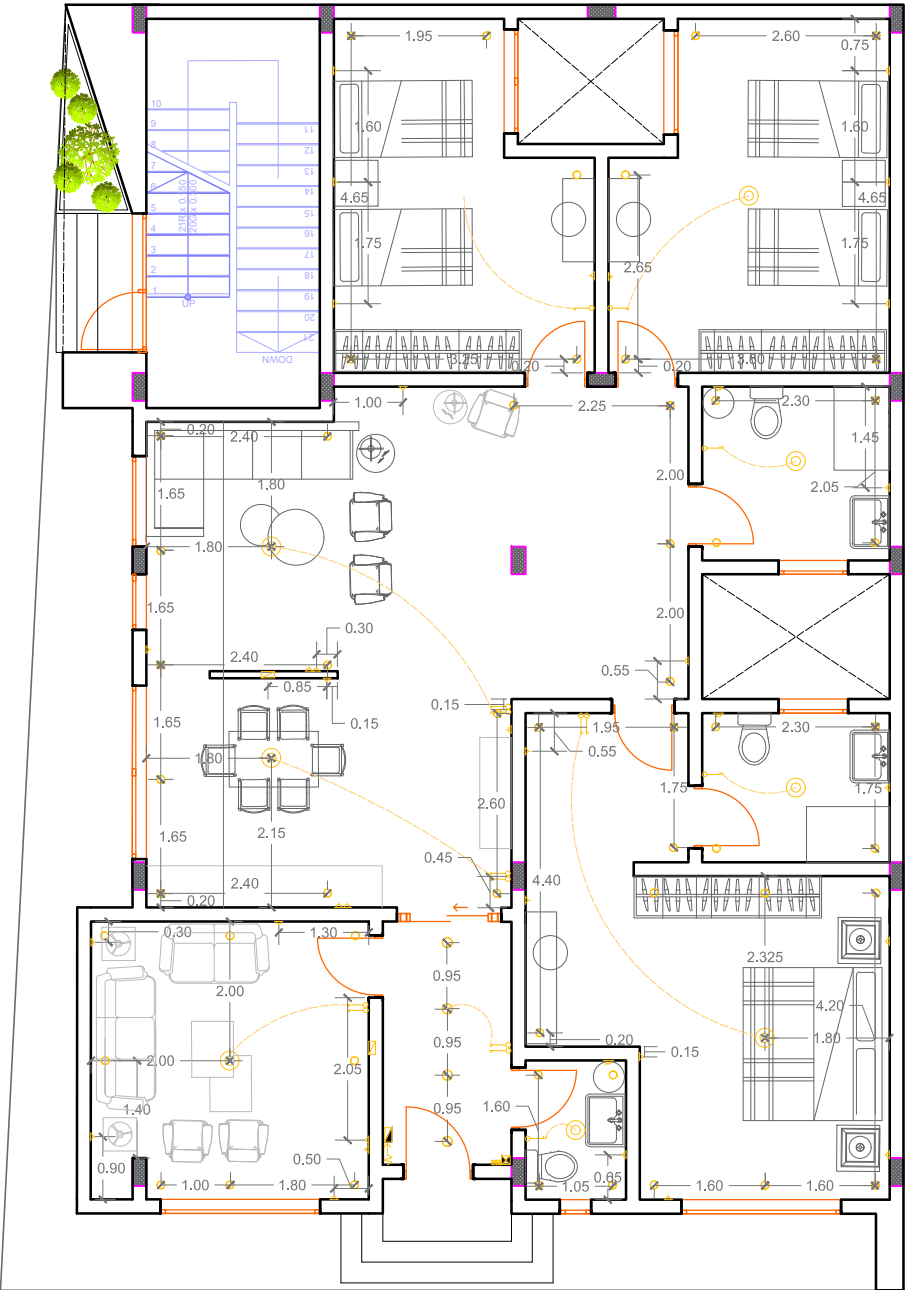
SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



For Architects work

	رئيسي خط	←↗
+1.80	رئيسية تحكم لوحة	⬛
	توزيع علبة	⬛
+2.00	حائطية اضاءة وحدة	⬛
	ماخذ	⬛
+0.60	غرفة	
+1.40	حمام	
+1.30	مطبخ	
+1.80	سخان	⬛
+0.60	مرنية اذاعة مخرج	⬛
	الباب جرس و هاتف	⬛

PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT:
Ardoe for architects

TITLE SHEET:
Electrical Plan For Ground Floor

SCALE: 1:100

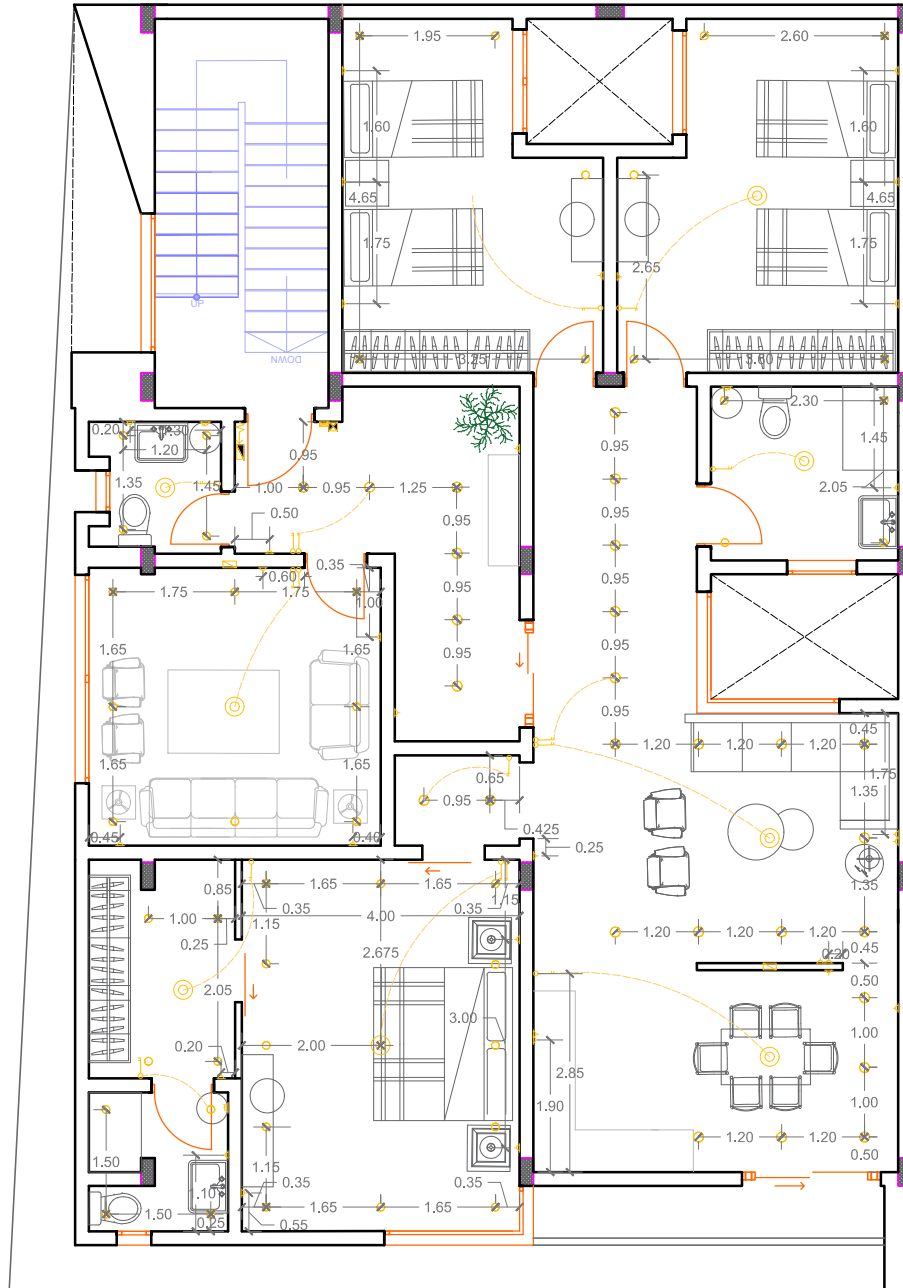
SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY: ghaidaa hasan henydi

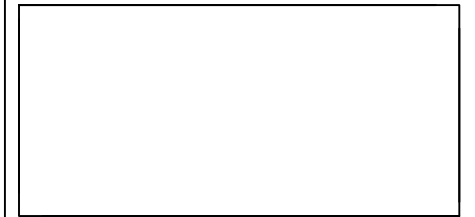
DRAFTED BY: fadwa mohamed salah zawia

APPROVAL:
16-11-2024



For Architects work

	رئيسي خط	←↗
+1.80	رئيسية تحكم لوحة	⬛
	توزيع علبة	⬛
+2.00	حائطية اضاءة وحدة	⬛
	ماخذ	⬛
+0.60	غرفة	
+1.40	حمام	
+1.30	مطبخ	
+1.80	سخان	⬛
+0.60	مرئية اذاعة مخرج	⬛
	الباب جرس و هاتف	⬛



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardooe for architects

TITLE SHEET:
Electrical Plan For First & Second Floor

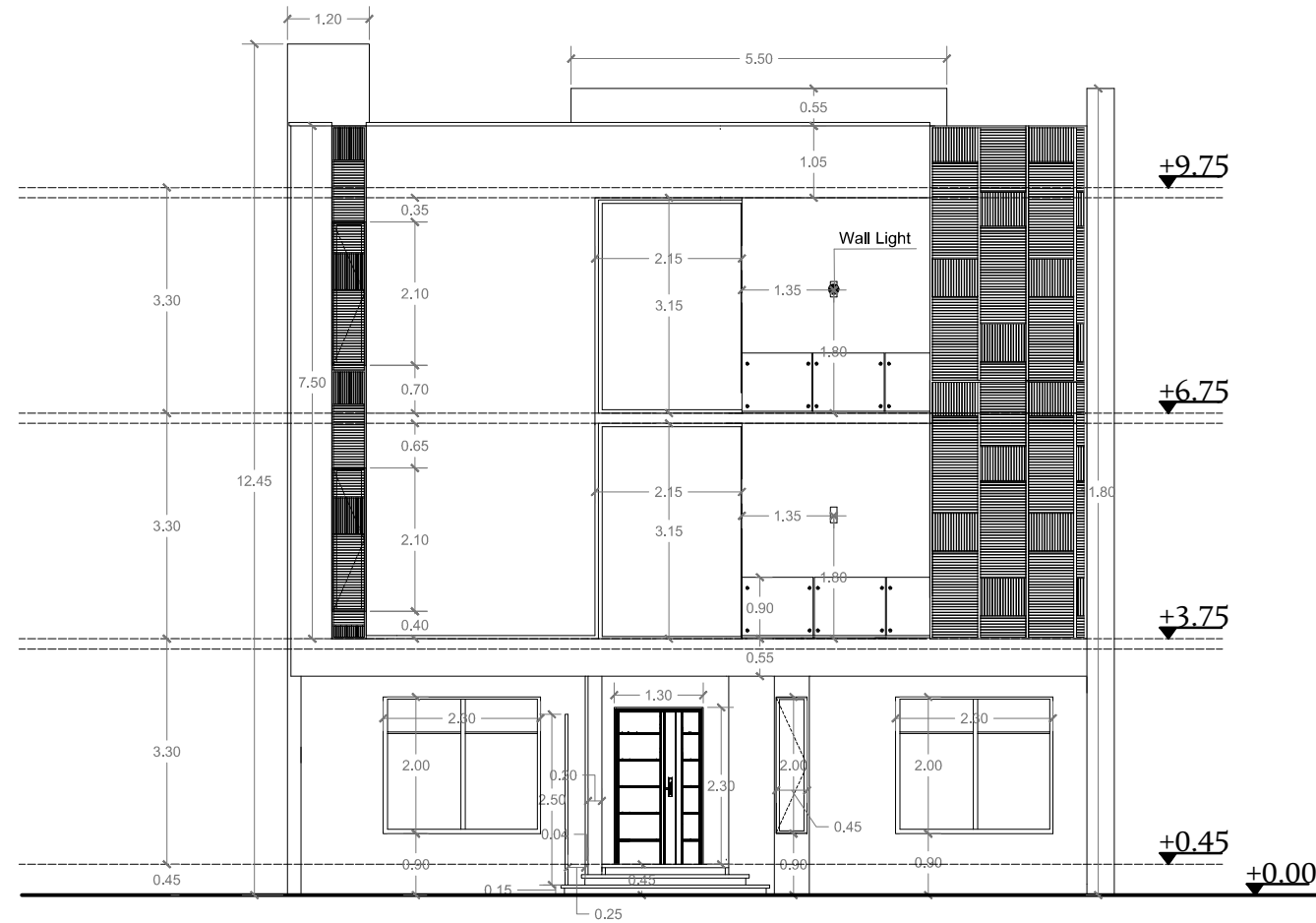
SCALE: 1:100 SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL:
16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoo for architects

TITLE SHEET: Elevation

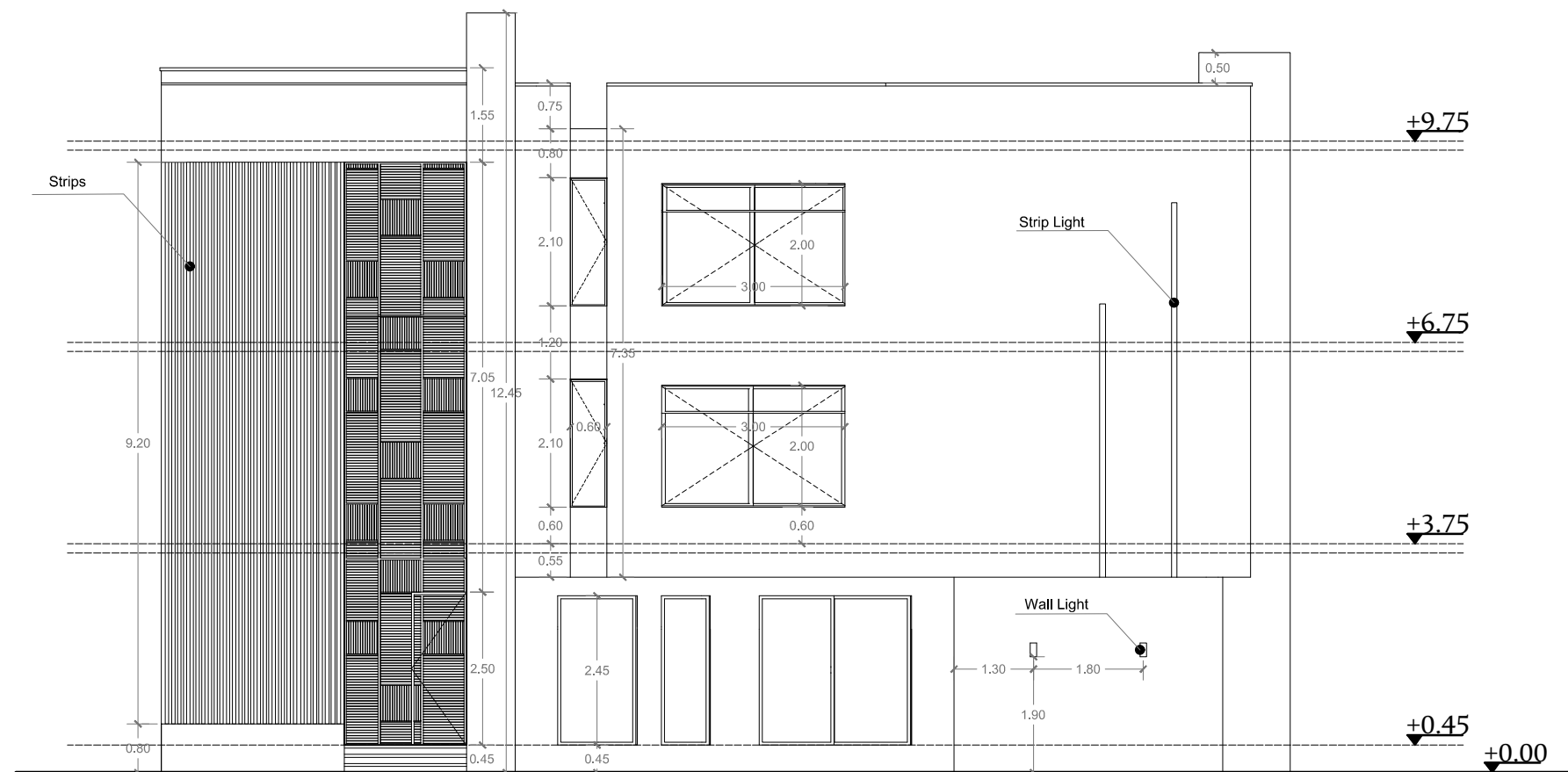
SCALE: 1:100 SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT:
Ardoe for architects

TITLE SHEET:
Elevation

SCALE: 1:100

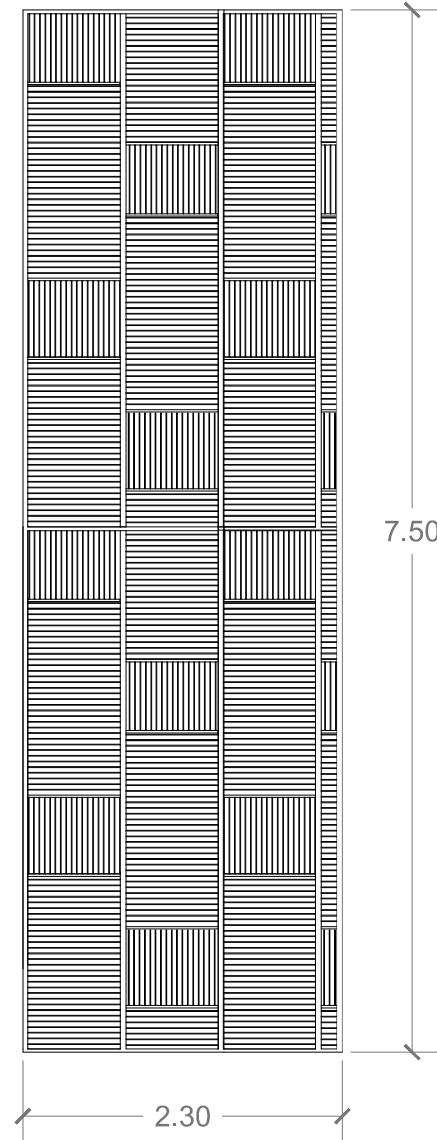
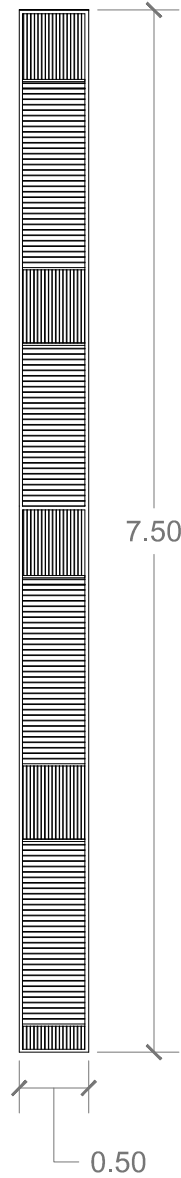
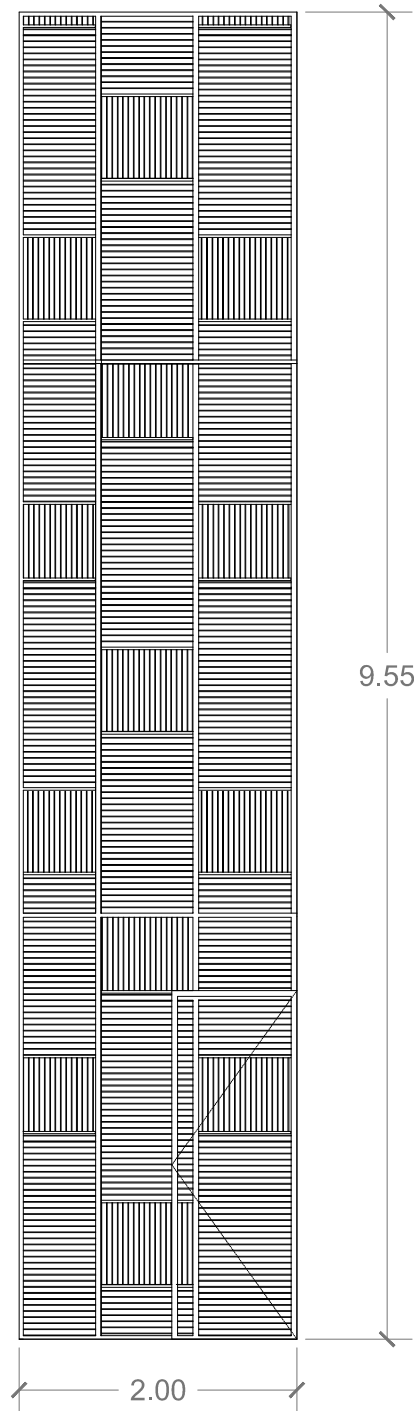
SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY:
ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL:
16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoo for architects

TITLE SHEET: Elevation Panel Details

SCALE: 1:100

SHEET SIZE: A3

AREA: / TOTAL AREA: /

DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT:
Ardoe for architects

TITLE SHEET:
Fence Details For Front Elevation

SCALE: 1:100

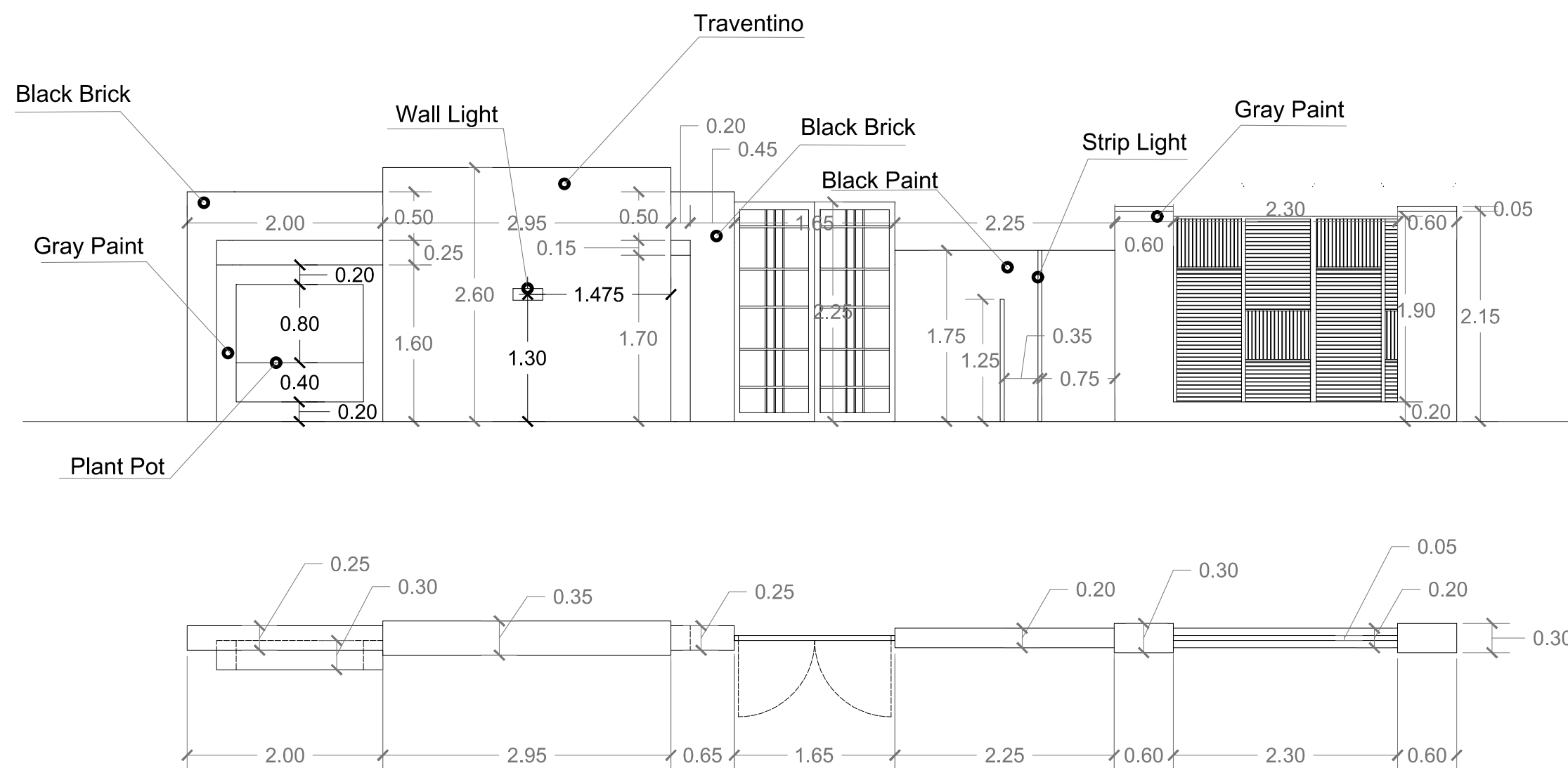
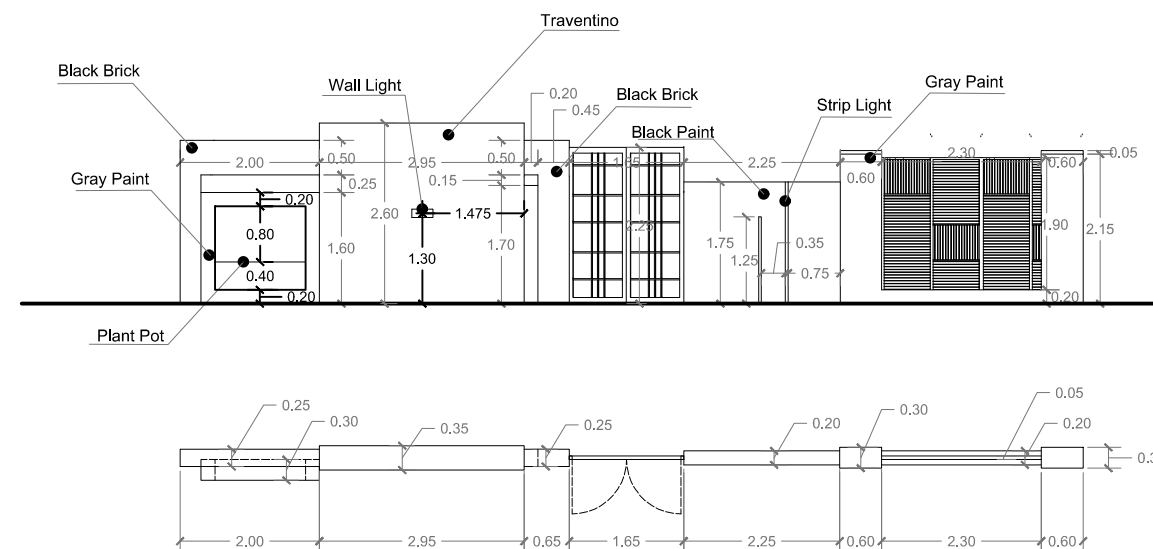
SHEET SIZE: A3

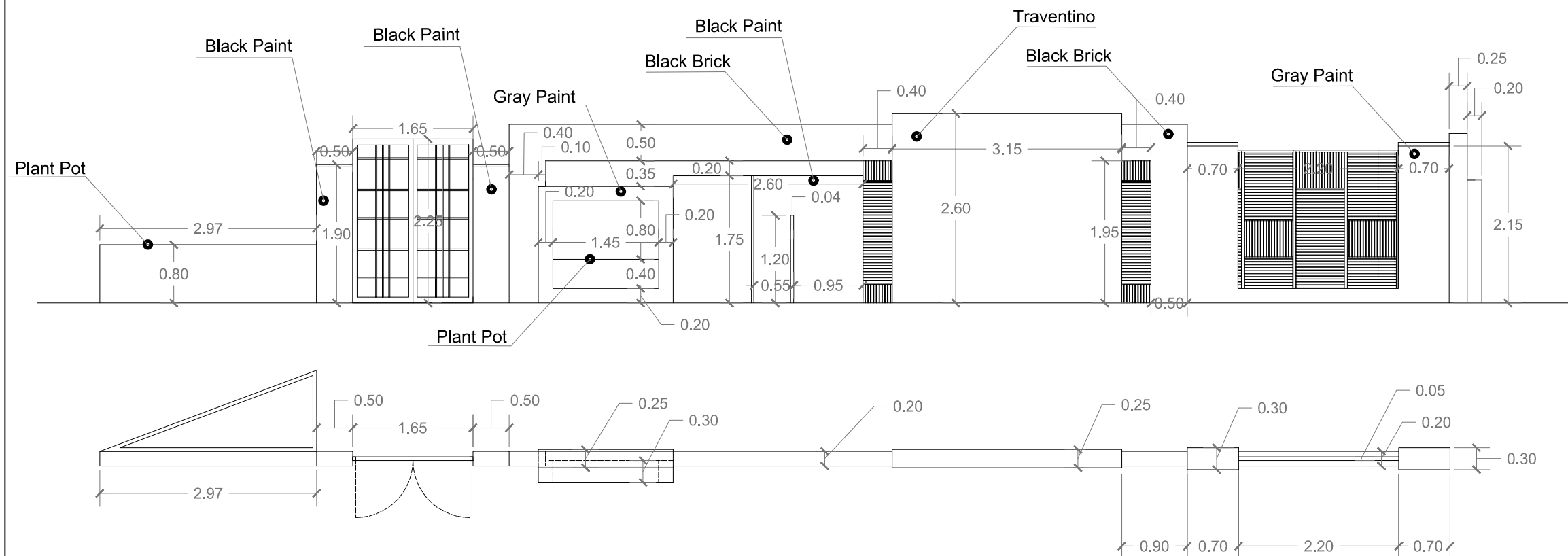
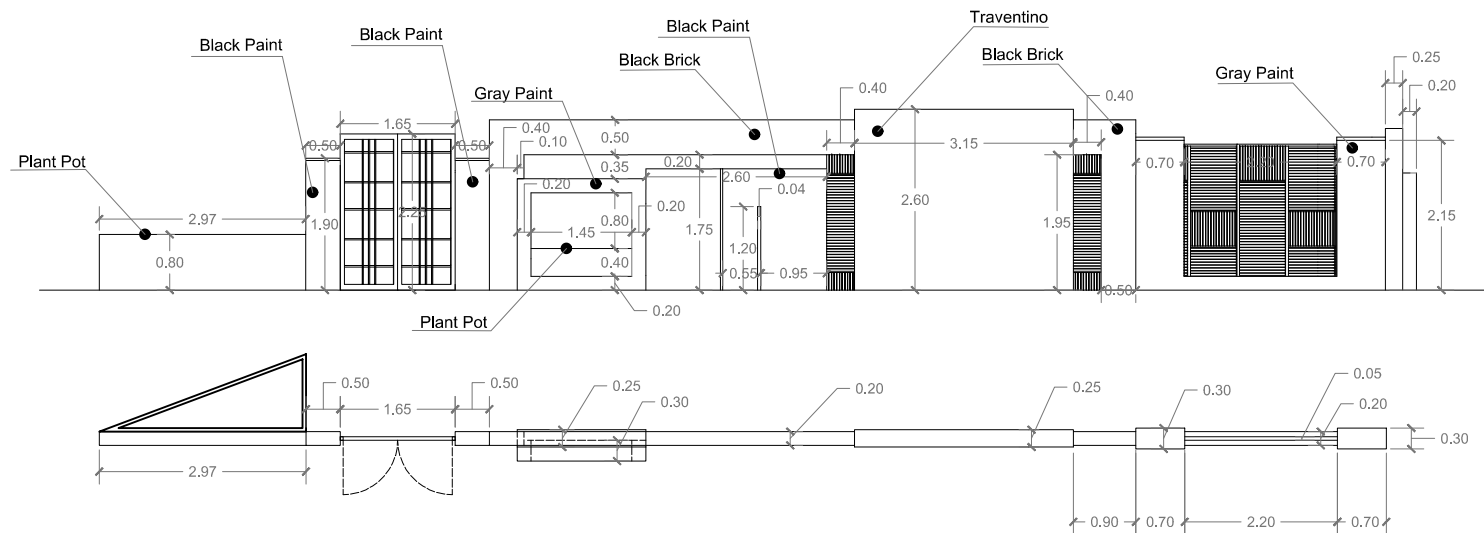
AREA: / TOTAL AREA: /

DESIGNED BY:
ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL:
16-11-2024





PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: Fence Details For Side Elevation

SCALE: 1:100

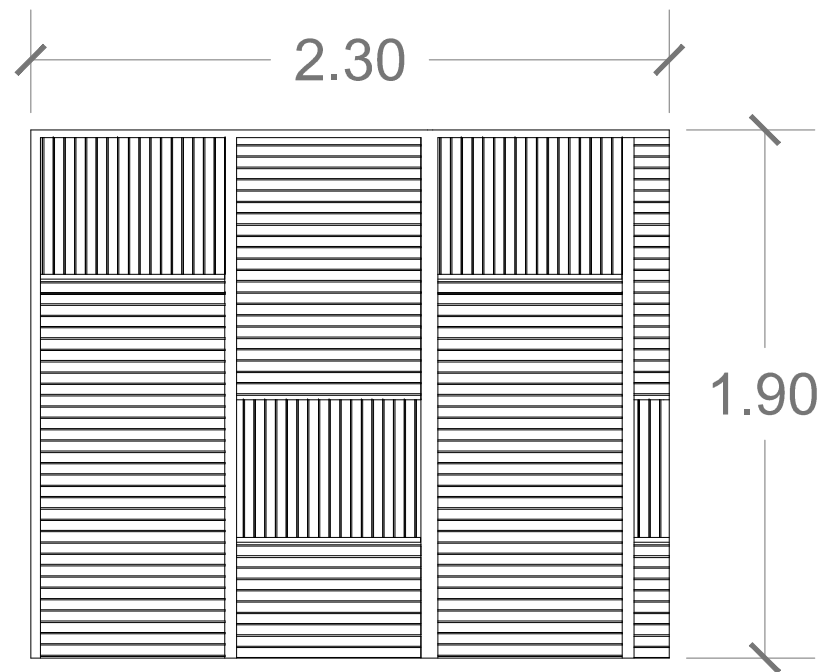
SHEET SIZE: A3

AREA: / TOTAL AREA: /

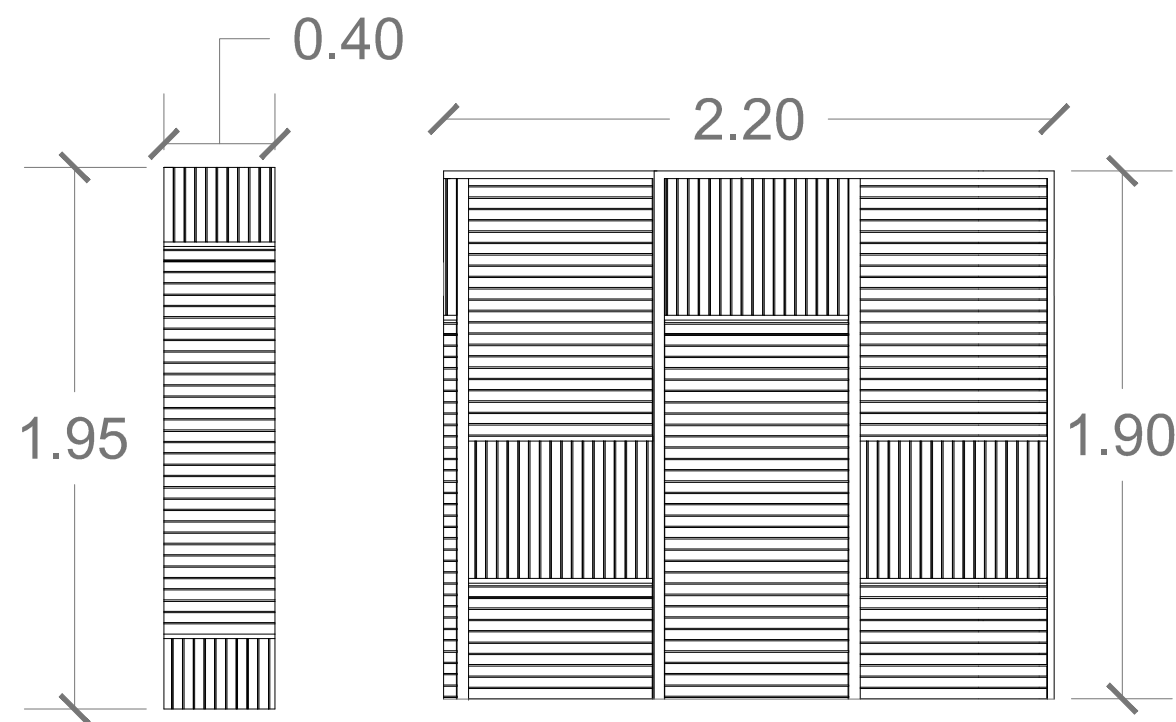
DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024



Fence Panel Details For Front Elevation



Fence Panel Details For Side Elevation



PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: Fence Panel Details

SCALE: /

SHEET SIZE: A3

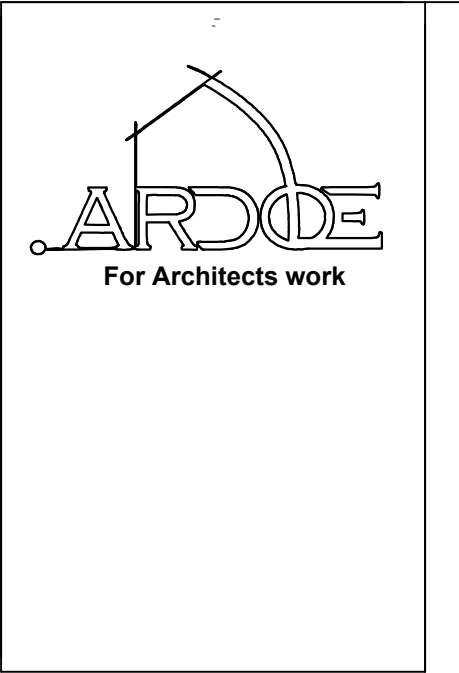
AREA: / TOTAL AREA: /

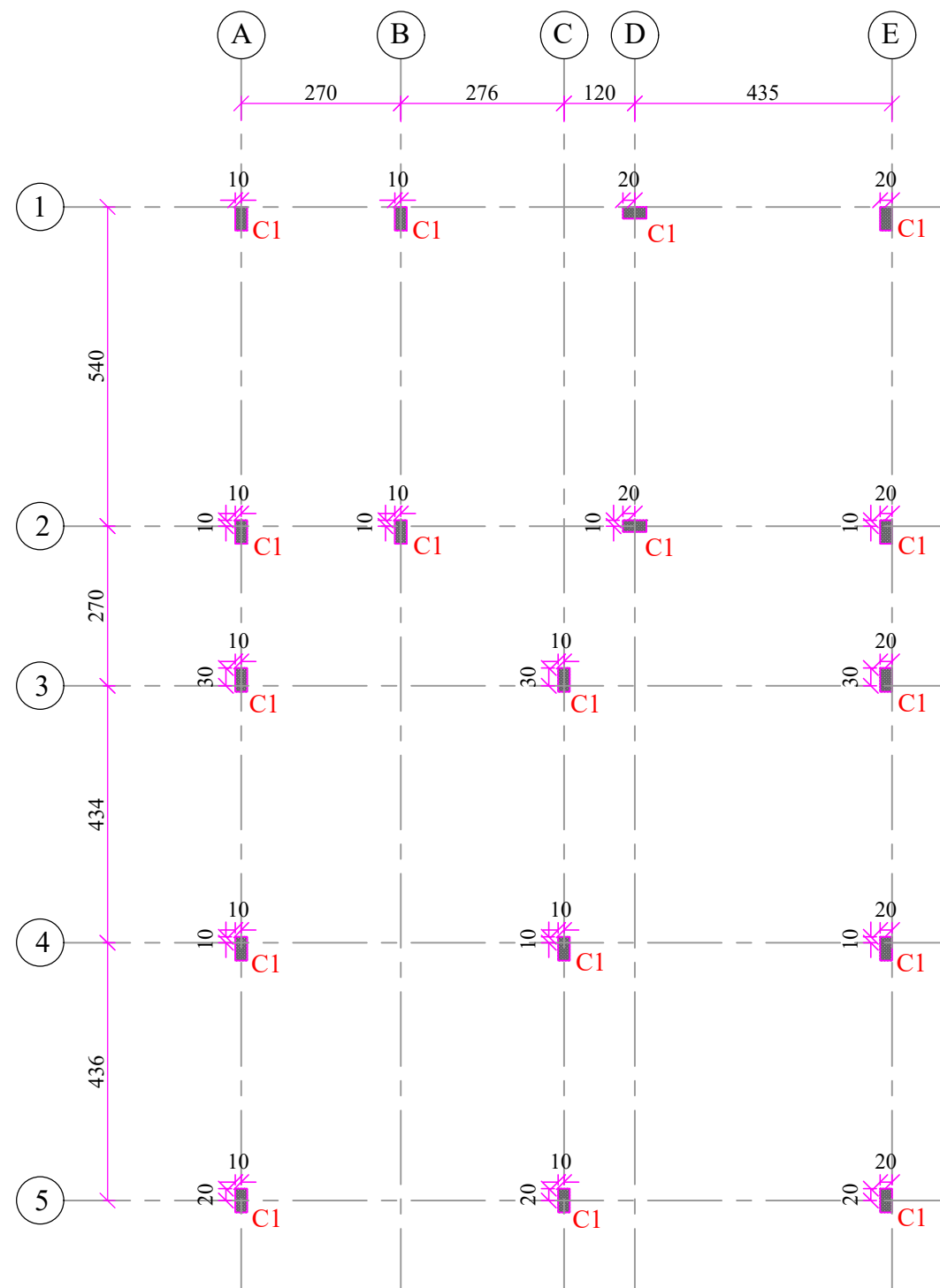
DESIGNED BY: ghaidaa hasan henydi

DRAFTED BY: fadwa mohamed salah zawia

APPROVAL: 16-11-2024

Construction drawings

	
PROJECT: Design Villa	
CLIENT: mr.Abdulraouf harara	
ARCHITECT: Ardoe for architects	
TITLE SHEET: /	
SCALE: /	SHEET SIZE: A3
AREA: / TOTAL AREA: 604.70 m²	
DESIGNED BY: bader amar	
DRAFTED BY: bader amar	
APPROVAL: 16-11-2024	



PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT: **Ardoe for architects**

TITLE SHEET:
axis & column

SCALE: **1:100**

SHEET SIZE: **A3**

AREA: **/** TOTAL AREA: **604.70 m²**

DESIGNED BY: **bader amar**

DRAFTED BY: **bader amar**

APPROVAL:
16-11-2024



PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT: **Ardoe for architects**

TITLE SHEET:
foundation

SCALE: 1:100

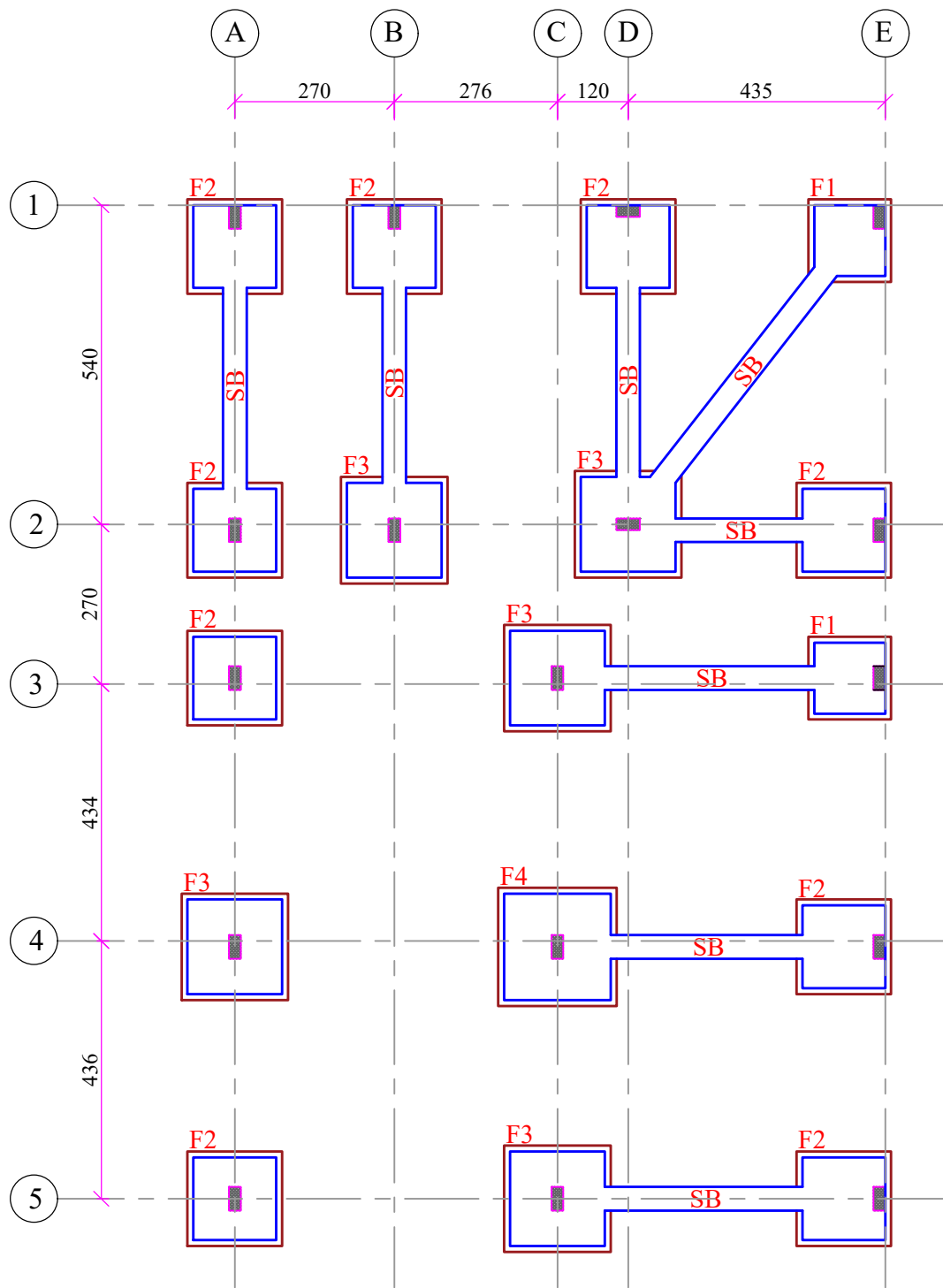
SHEET SIZE: A3

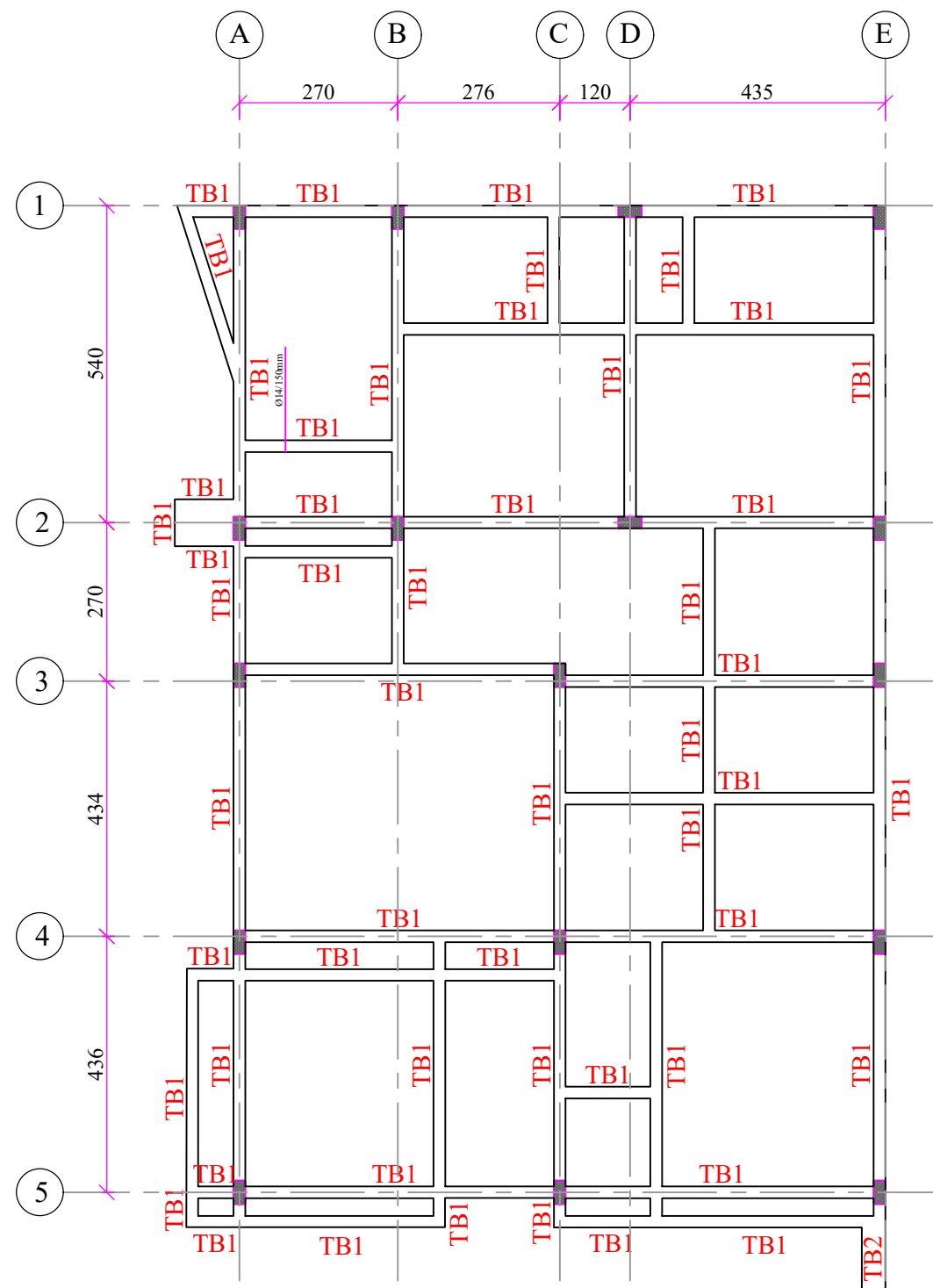
AREA: / TOTAL AREA: 604.70 m²

DESIGNED BY: bader amar

DRAFTED BY: bader amar

APPROVAL:
16-11-2024





PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT: **Ardoe for architects**

TITLE SHEET:
tie beam (المريد)

SCALE: **1:100**

SHEET SIZE: **A3**

AREA: **/** TOTAL AREA: **604.70 m²**

DESIGNED BY: **bader amar**

DRAFTED BY: **bader amar**

APPROVAL:
16-11-2024



PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT: **Ardoe for architects**

TITLE SHEET:
ground floor roof

SCALE: 1:100

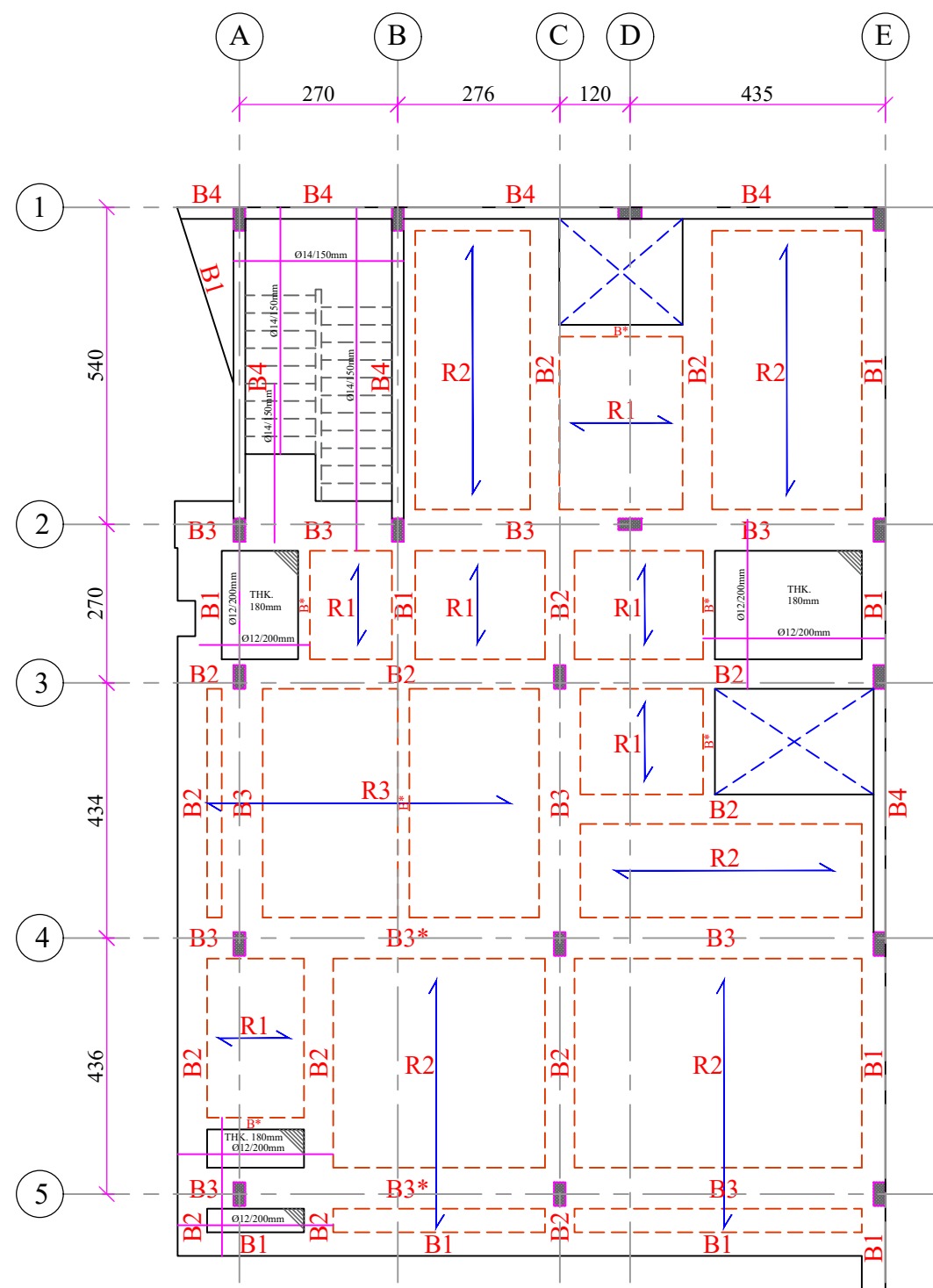
SHEET SIZE: A3

AREA: / TOTAL AREA: 604.70 m²

DESIGNED BY: **bader amar**

DRAFTED BY: **bader amar**

APPROVAL:
16-11-2024





PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT: **Ardoe for architects**

TITLE SHEET:
first floor roof

SCALE: 1:100

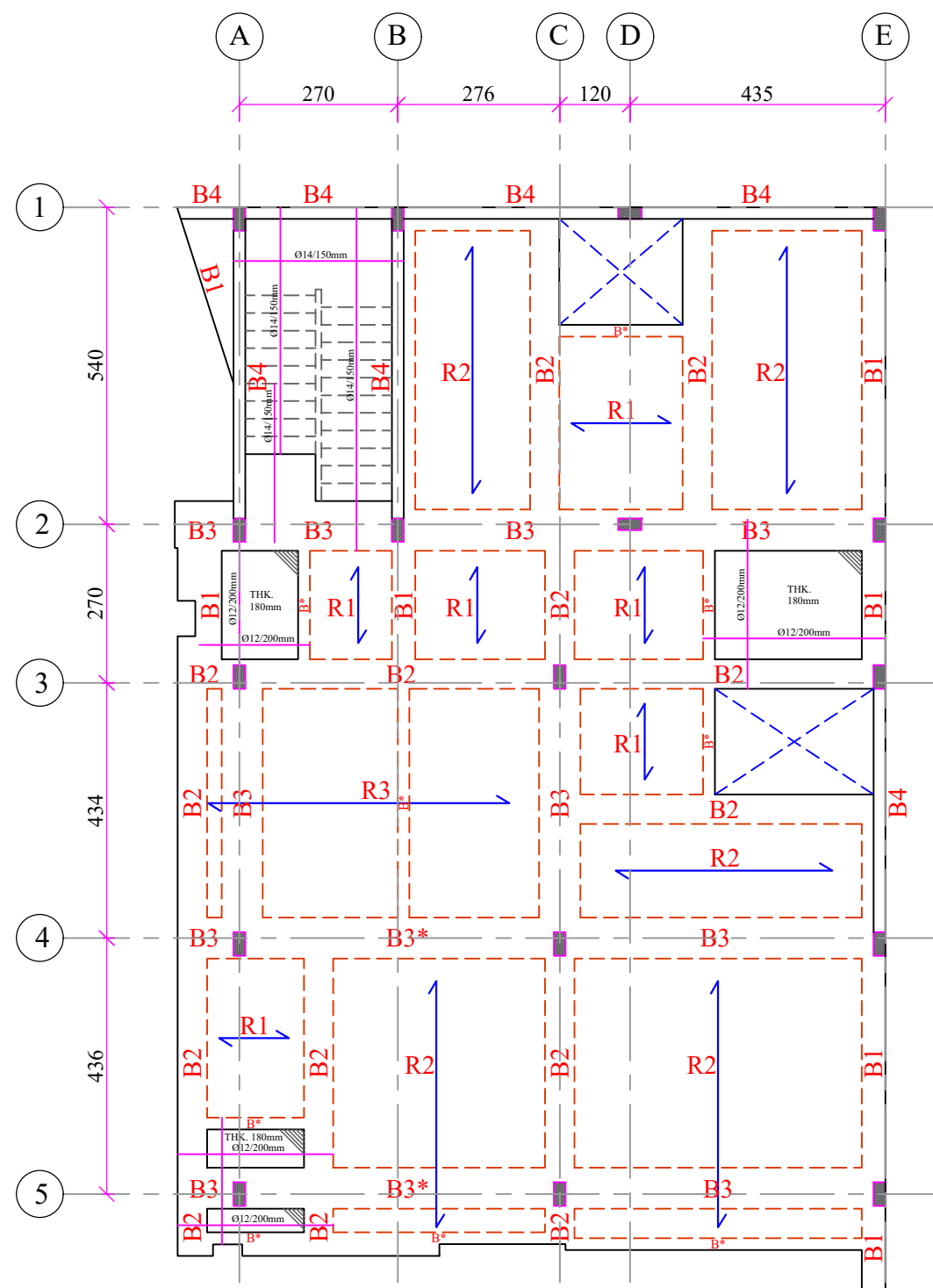
SHEET SIZE: A3

AREA: / TOTAL AREA: 604.70 m²

DESIGNED BY: bader amar

DRAFTED BY: bader amar

APPROVAL:
16-11-2024





PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT: **Ardoe for architects**

TITLE SHEET:
second floor roof

SCALE: 1:100

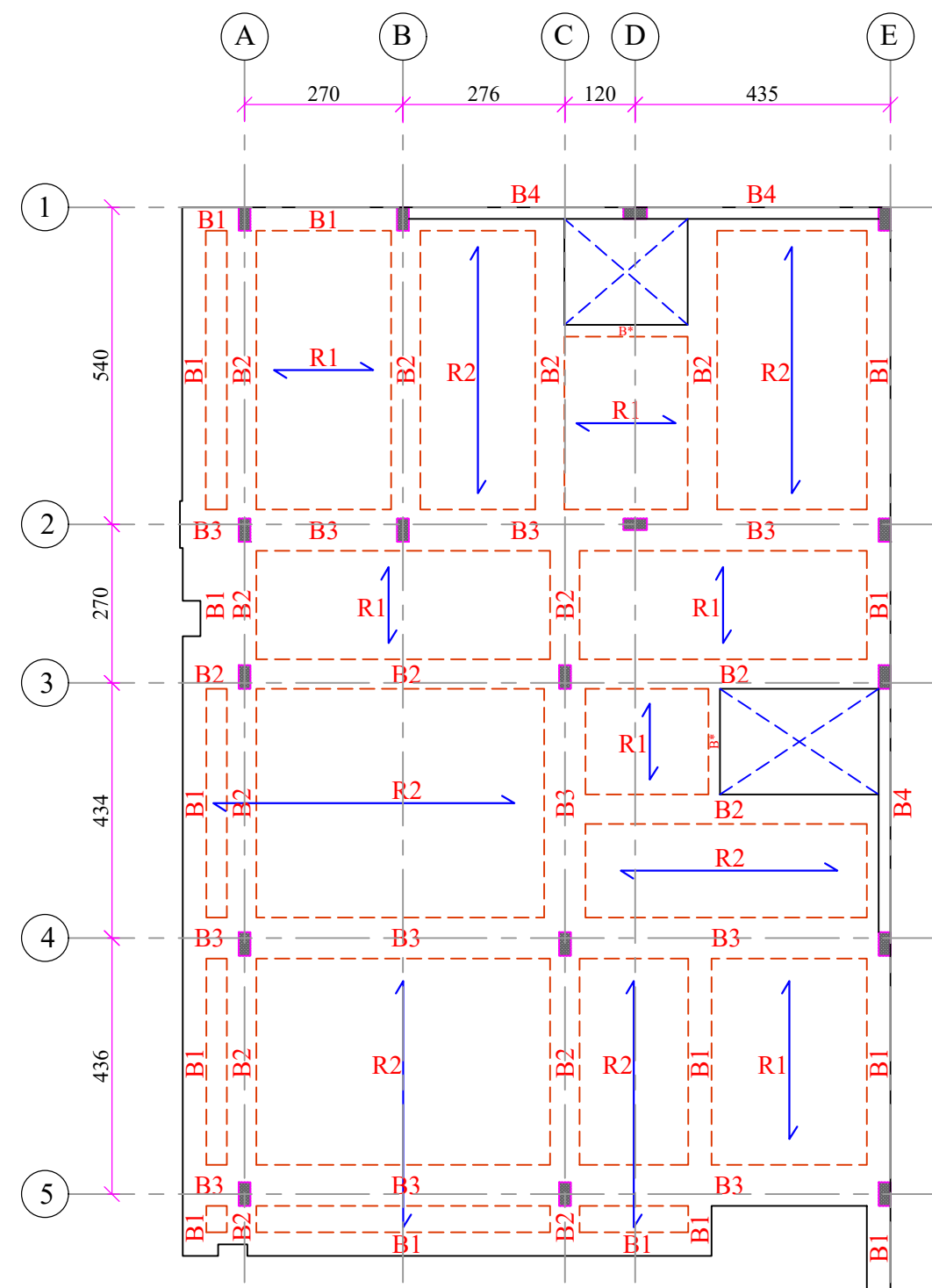
SHEET SIZE: A3

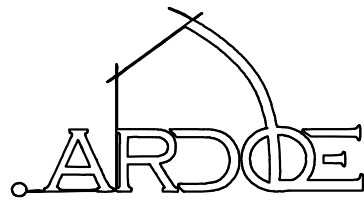
AREA: / TOTAL AREA: 604.70 m²

DESIGNED BY: bader amar

DRAFTED BY: bader amar

APPROVAL:
16-11-2024





For Architects work

PROJECT: Design Villa

CLIENT: mr.Abdulraouf harara

ARCHITECT: Ardoe for architects

TITLE SHEET: notes & details of column and tie beam(الميد)

SCALE: 1:25

SHEET SIZE: A3

AREA: / TOTAL AREA: 604.70 m²

DESIGNED BY: bader amar

DRAFTED BY: bader amar

APPROVAL: 16-11-2024

* ملاحظات هامة :-

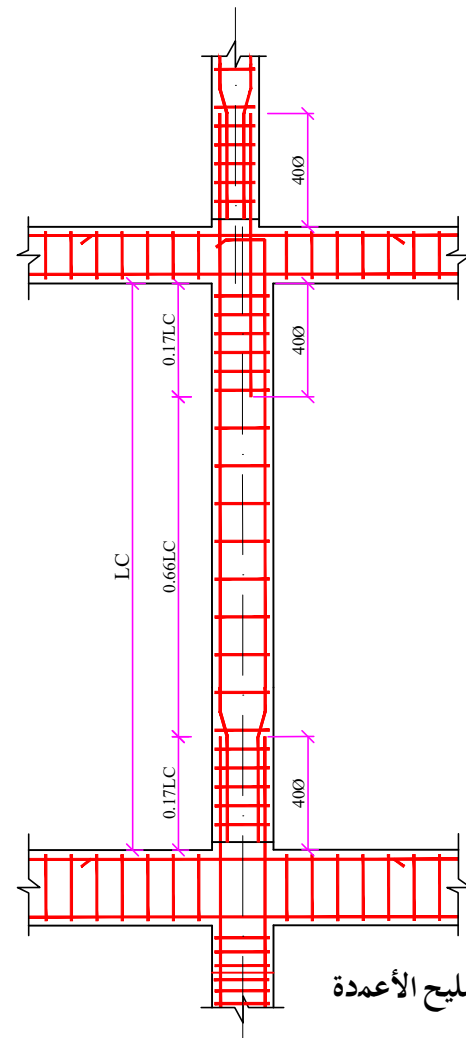
- * الرسومات المعمارية والإنشائية لا تتجزأ وتكمل إحداها الأخرى ويجب مطابقتها عند التنفيذ وعند وجود أى لبس أو غموض أو خطأ يجب الرجوع إلى المكتب المصمم .
- * كافة بنود الأعمال تتحرز وفق الرسومات المعتمدة والمواصفات الفنية والأصول المتعارف عليها وذلك حسب تعليمات المهندس المشرف .
- * تم تصميم الأساسات على جهد تربة (160) كيلو نيوتن / متر مربع .
- * قبل البدء فى تنفيذ الأساسات يجب إزالة الطبقة الرملية السطحية والوصول الى الطبقة الصخرية .
- * تتكون الأساسات من قواعد خرسانية مسلحة منفصلة بالأبعاد والتسليح الموضح بجدول القواعد ترتكز هذه القواعد على فرشاة من الخرسانة العادية بسمك (10) سم .
- * إجهاد الخضوع لحديد التسليح المستخدم لا يقل عن (360) نيوتن/ ملليمتر مربع .
- * قوة تحمل المكعبات القياسية للخرسانة المستخدمة لا تقل عن (30) نيوتن/ ملليمتر مربع بعد (28) يوما من تاريخ الصب .
- * يجب معالجة الخرسانة برشها بالمياه لمدة لا تقل عن سبعة أيام متتالية تبدأ من اليوم التالى للصب .
- * يتم دهان الخرسانات المسلحة الأرضية (القواعد ، الميد ورقاب الأعمدة) بالمواد الأيوكسية الخاصة بالعزل من الرطوبة وجهين على الأقل وذلك بعد إنتهاء فترة المعالجة .
- * يتم فك الشدة الخشبية للأسقف بعد (21) يوما من تاريخ الصب .

* الغطاء الخرساني لحديد التسليح :-

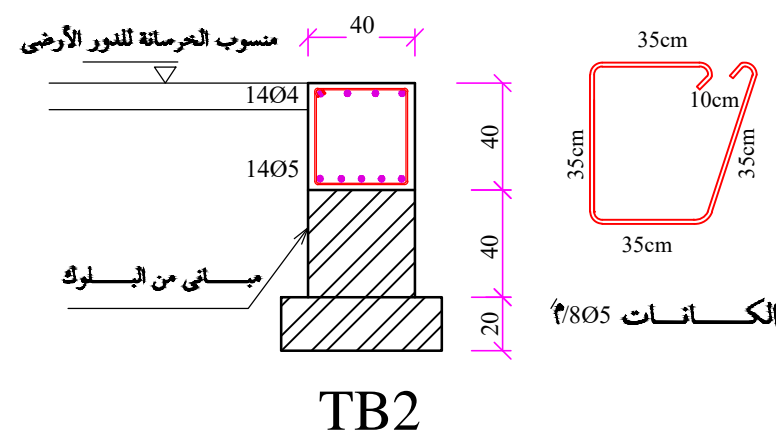
- * القواعد (5.0) سم .
- * الكمرات (3.0) سم .
- * الأعمدة (2.5) سم .
- * الميد (3.0) سم .
- * الأسقف (2.0) سم .

جدول نماذج الأعمدة

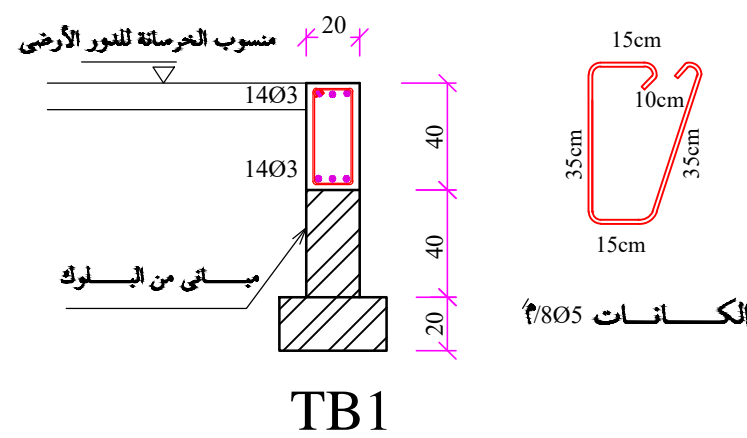
ملاحظات	التسليح	أبعاد الخرسانة المسلحة		ملاحظات
		H (CM)	B (CM)	
Ø8/150mm	6Ø14	20	40	C1



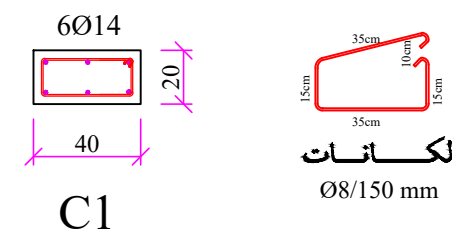
شكل نموذجي لتسليح الأعمدة



TB2

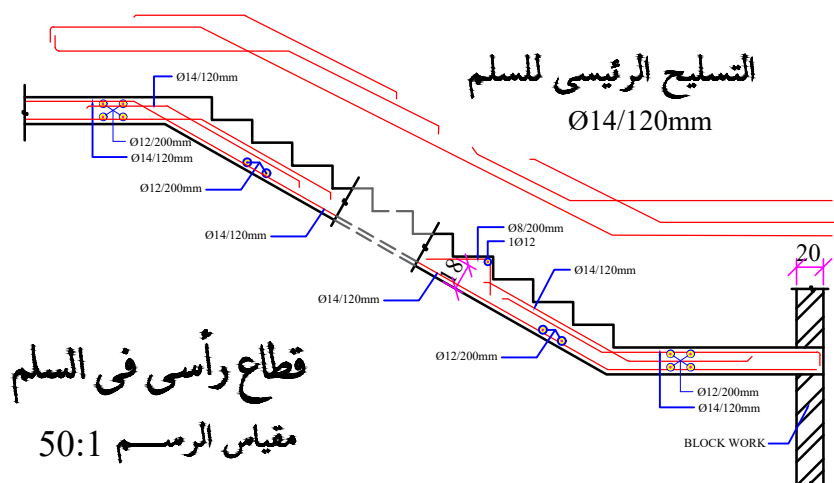


TB1



C1

الكانات
Ø8/150 mm



قطاع رأسى فى السلم
مقياس الرسم 50:1



PROJECT: **Design Villa**

CLIENT: **mr.Abdulraouf harara**

ARCHITECT:
Ardoe for architects

TITLE SHEET:

details of column and tie beam(الميد)

SCALE: 1:25

SHEET SIZE: A3

AREA: / TOTAL AREA: 604.70 m²

DESIGNED BY: bader amar

DRAFTED BY: bader amar

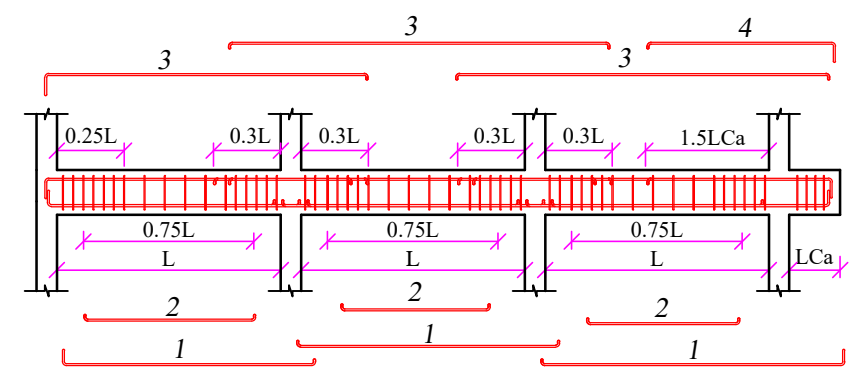
APPROVAL: 16-11-2024

16-11-2024

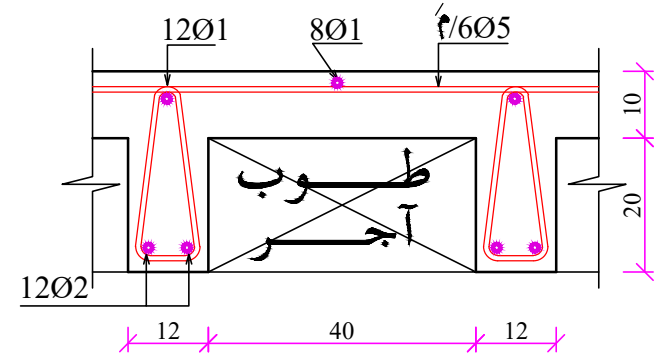


جدول نماذج الكمرات

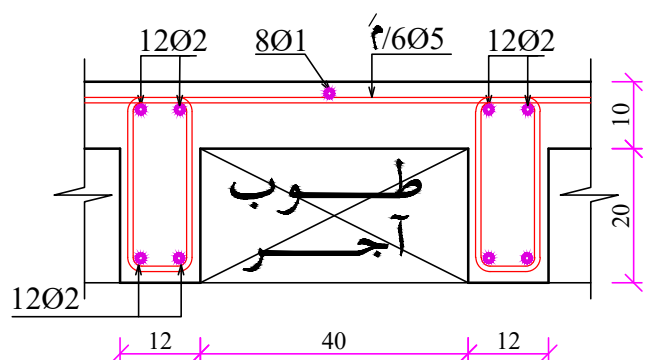
الكمرات STIRRUPS	التسليح العلوي		التسليح السفلي		الأبعاد		ملاحظات
	التسليح 4	التسليح 3	التسليح 2	التسليح 1	H(CM)	B (CM)	
Ø8/200 mm	—	14Ø2	—	14Ø3	30	20	B*
Ø8/200 mm	14Ø5	14Ø3	14Ø2	14Ø3	30	40	B1
Ø8/200 mm	14Ø6	14Ø4	14Ø2	14Ø4	30	50	B2
2Ø8/200 mm	14Ø8	14Ø6	14Ø2	14Ø6	30	70	B3
Ø8/200 mm	14Ø5	14Ø3	14Ø2	14Ø3	70	20	B4



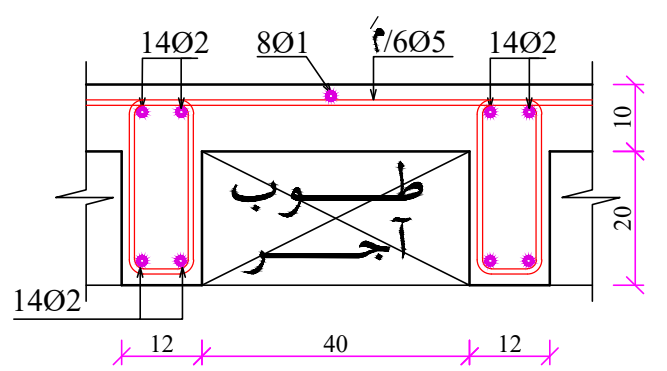
شكل نموذجي لتوزيع حديد التسليح في الكمرات



R1

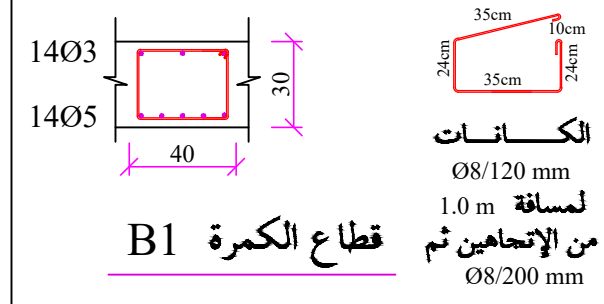


R2

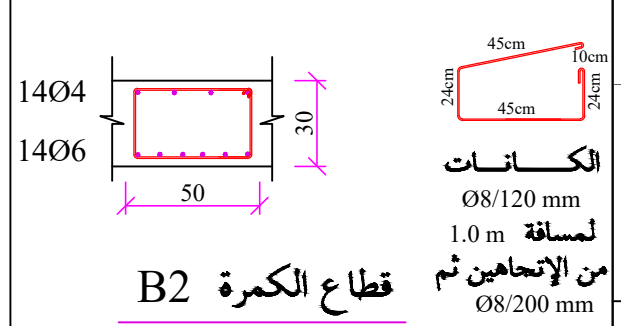


R3

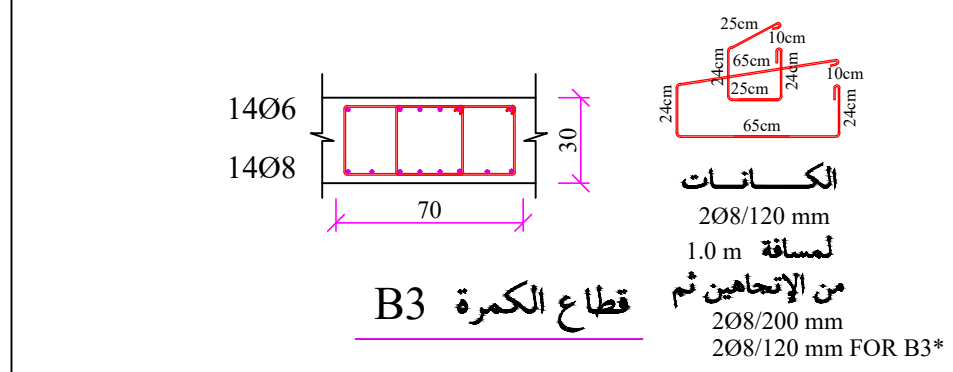
نماذج الأعصاب مقياس الرسم 10:1



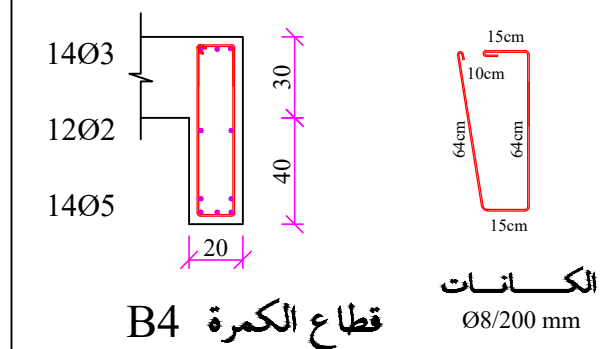
B1 قطاع الكمرة



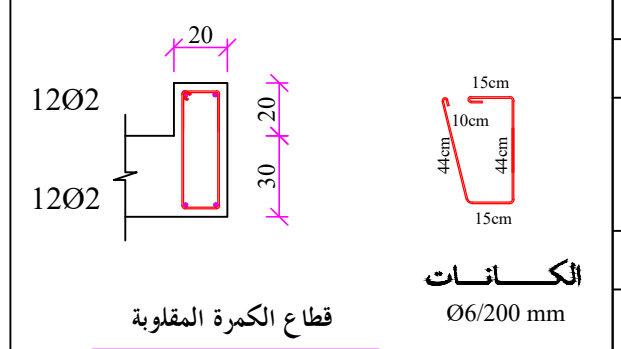
B2 قطاع الكمرة



B3 قطاع الكمرة



B4 قطاع الكمرة



قطاع الكمرة المقلوبة

PROJECT:	Design Villa
CLIENT:	mr.Abdulraouf harara
ARCHITECT:	Ardoe for architects
TITLE SHEET:	details of beams, ribs(الأعصاب) and stairs
SCALE:	1:25
SHEET SIZE:	A3
AREA:	TOTAL AREA: 604.70 m²
DESIGNED BY:	bader amar
DRAFTED BY:	bader amar
APPROVAL:	16-11-2024