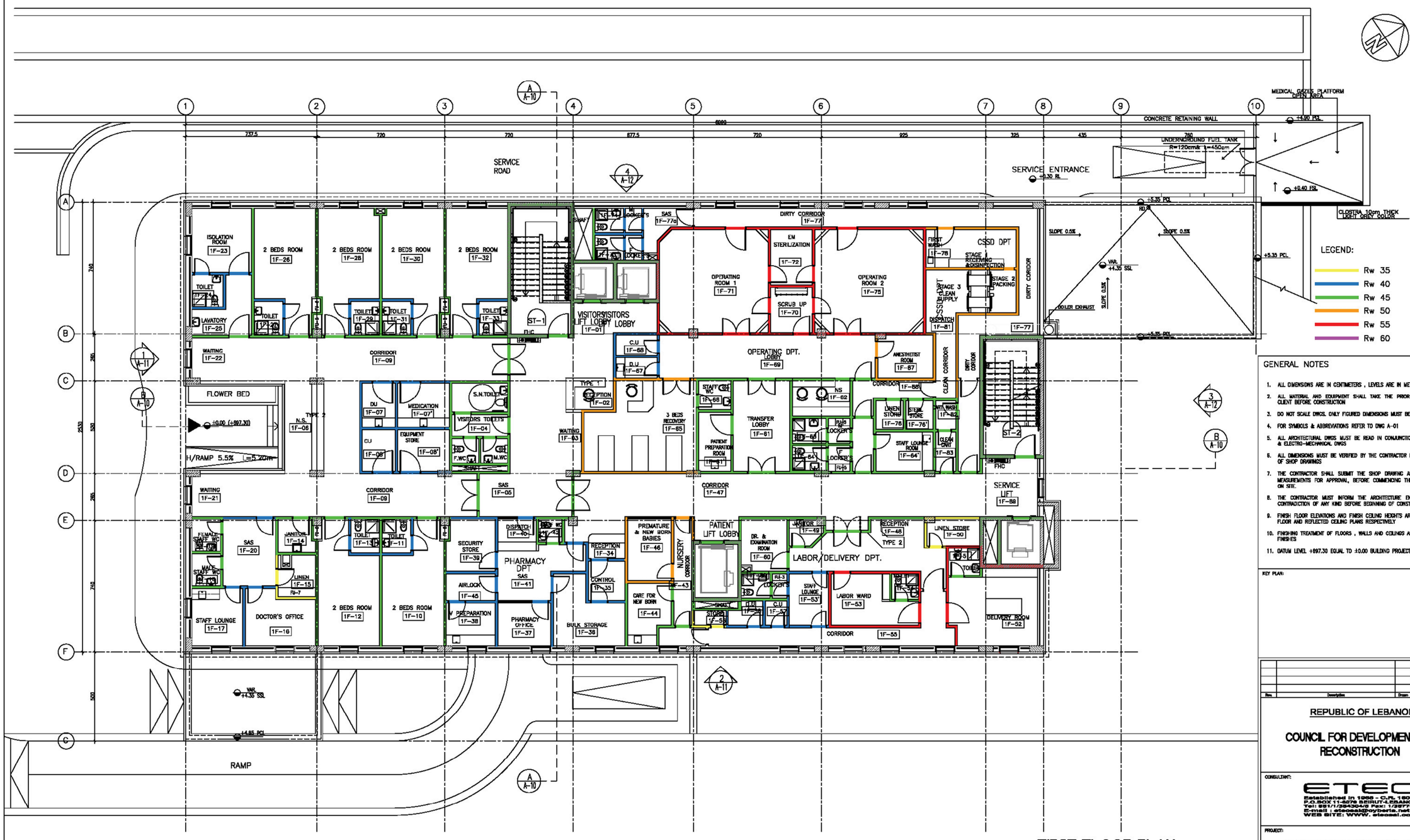


GENERAL NOTES

1. ALL DIMENSIONS ARE IN CENTIMETERS , LEVELS ARE IN METERS .
2. ALL MATERIAL AND EQUIPMENT SHALL TAKE THE PRIOR APPROVAL OF THE CLIENT BEFORE CONSTRUCTION
3. DO NOT SCALE DWGS. ONLY FIGURED DIMENSIONS MUST BE CONSIDERED
4. FOR SYMBOLS & ABBREVIATIONS REFER TO DWG A-01
5. ALL ARCHITECTURAL DWGS MUST BE READ IN CONJUNCTION WITH STRUCTURAL & ELECTRO-MECHANICAL DWGS
6. ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR BEFORE PREPARATION OF SHOP DRAWINGS
7. THE CONTRACTOR SHALL SUBMIT THE SHOP DRAWING AS PER ACTUAL SITE MEASUREMENTS FOR APPROVAL, BEFORE COMMENCING THE WORK/FABRICATION ON SITE.
8. THE CONTRACTOR MUST INFORM THE ARCHITECTURE ENGINEER ABOUT ANY CONTRADICTION OF ANY KIND BEFORE BEGINNING OF CONSTRUCTION
9. FINISH FLOOR ELEVATIONS AND FINISH CEILING HEIGHTS ARE INDICATED ON THE FLOOR AND REFLECTED CEILING PLANS RESPECTIVELY
10. FINISHING TREATMENT OF FLOORS , WALLS AND CEILINGS AS PER SCHEDULE OF FINISHES
11. DATUM LEVEL +897.30 EQUAL TO ±0.00 BUILDING PROJECT LEVEL

KEY PLAN:

Rev.	Description	Drawn	Checked	Approved	Date

REPUBLIC OF LEBANON

COUNCIL FOR DEVELOPMENT AND RECONSTRUCTION

CONSULTANT:

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PROJECT:

AKKAR BAHLEH GOVERNMENTAL HOSPITAL
PRELIMINARY DETAILED DRAWINGS
PHASE 4

TITLE:

FIRST FLOOR PLAN - ACOUSTIC DRAWING

DRAWN BY:	Name R.F.	Date JULY 2025	Signature		FILE:	ASGH-A46
CHECKED BY:	F.T.	JULY 2025			SIZE:	A1
APPROVED BY:	E.A.J.	JULY 2025			SCALE	1/100
DRAWING NO.:	A46				REVISION	00

FIRST FLOOR PLAN
ACOUSTIC DRAWING

Appendix B: Wall legend / Partition schedule

Graphic symbols for each wall type indicating construction buildup and corresponding laboratory Rw value.

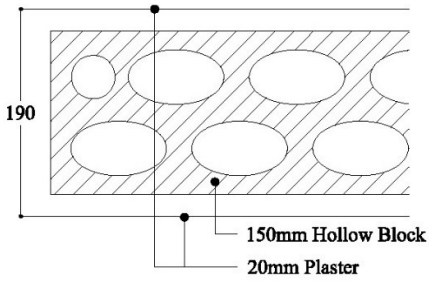
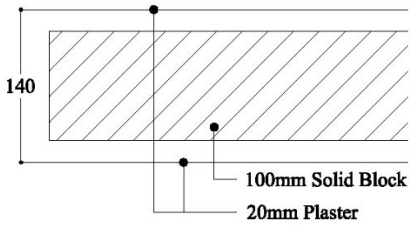
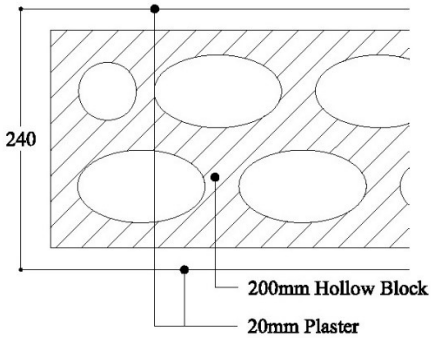
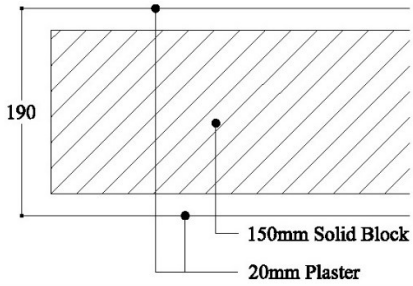
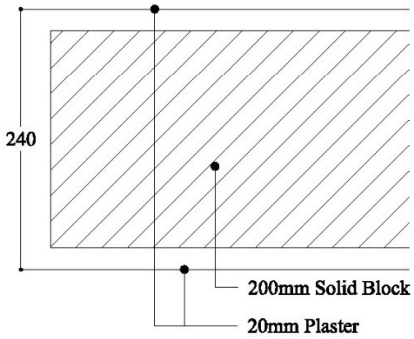
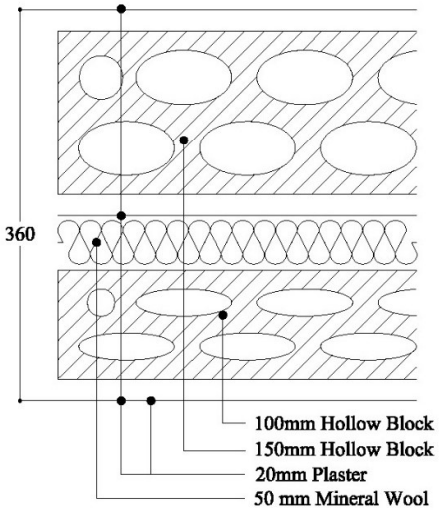
Acoustic Rating (Rw)	Color Indicator	Typical Application Criteria
Rw 35	Yellow	Low risk Storage, non-critical Medical Stores, Waste collection rooms.
Rw 40	Blue	Offices, General Administration, Waiting Halls, Reception areas.
Rw 45	Green	Standard wards, Laboratories, Consultation rooms, Toilets/Change rooms.
Rw 50	Orange	Sleep studies, ICU, Main kitchen areas, Mechanical rooms.
Rw 55	Red	Operating Theatres, Labor/Delivery rooms, Birthing suites.
Rw 60	Purple	High noise generation plant rooms (e.g., Generator Room, Boilers & Pump Room).

Basement Level		
No.	**Department / Space Name**	**Acoustic Rating (Rw)**
1	Reception Waiting Area	Rw 40
2	Radiology Department	Rw 45
3	General Laboratory	Rw 50
4	Morgue Department	Rw 35
5	Laundry Department	Rw 45
6	UPS Room	Rw 35
7	Technical Department	Rw 35
8	Medical Store	Rw 45
9	Logistic Store	Rw 35
10	Electrical Room	Rw 45
11	Compressed Air & Vacuum Room	Rw 35
12	Garbage Cold Room	Rw 35
13	Medical Waste Room	Rw 50
14	Seminar Hall (Future Extension)	Rw 45
15	Medical and Logistic Lockers	Rw 45
16	Boilers Room & Pump Room	Rw 60

Ground Floor Level		
No.	**Department / Space Name**	**Acoustic Rating (Rw)**
1	Vestibule	Rw 40
2	Main entrance hall, reception & waiting	Rw 40
3	Admission and billing department	Rw 40
4	Administration Department	Rw 40
5	Cafeteria	Rw 45
6	Visitors Toilets	Rw 45
7	Emergency Department	Rw 40
8	Out Patient Department	Rw 45
9	Generator & Daily Fuel Tank Room	Rw 60
10	Transformer Room	Rw 50
11	Electrical Room	Rw 45

First Floor Level		
No.	**Department / Space Name**	**Acoustic Rating (Rw)**
1	Reception, Visitor living waiting area	Rw 40
2	One-day Surgery Department	Rw 50
3	Pharmacy Department	Rw 40
4	Operating Department	Rw 55
5	Central Sterile Supply Department	Rw 45
6	Labor/ delivery Department	Rw 55
7	Nursery	Rw 45

Appendix C: Acoustic Details

<table>
<tr><th colspan="3">Acoustic Partition examples</th></tr>
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</td><td>
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<tr><td>FSTC 54</td><td>
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<tr><td>FSTC 60</td><td>
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Drawing 2

FLOATING BASE FOR MECHANICAL EQUIPMENT

