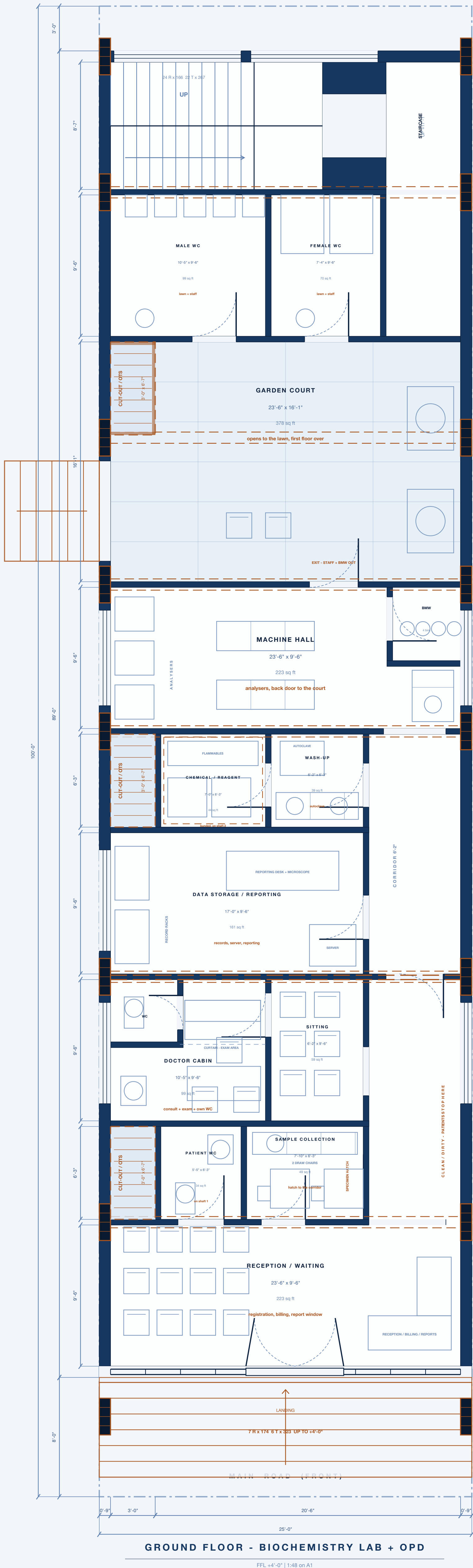




HOW THE PLAN WORKS

PATIENT

road > entrance stair > RECEPTION: register + pay
sit in WAITING (223 sq ft, glazed to the road)
blood / urine given in SAMPLE COLLECTION
or seen by the doctor: corridor > SITTING > CABIN
report collected at the RECEPTION WINDOW. Leaves.
The patient never passes the clean / dirty line.

SPECIMEN

COLLECTION > hatch into the corridor, closed box
one door on the beam line into the lab
MACHINE HALL: analysers, one-way bench flow
DATA STORAGE / REPORTING: verify, sign, archive
report out to reception. Never back to the bench.

WASTE + STAFF

bench > BMW STORE, 4 colour-coded bins
BMW + staff leave by the BACK DOOR to the court
court > steps > lawn > street. Away from patients.
WASH-UP / autoclave sits on the lab side only.

WHAT THE STANDARDS ASK FOR

CEA / Clinic-008

reception + waiting min 35 sq ft. We have 223.
consultation room min 70 sq ft incl storage. Cabin is 98.

Pathology lab practice

OPD needs separate consult AND exam areas, with privacy.
-> curtained exam bay + couch inside the cabin.
separate clean toilets. Patient WC + cabin's own WC.
unidirectional flow, reverse movement not allowed.
patient route stops at collection. One door to the lab.
dirty never crosses clean -> BMW out the back, not the front.
chemical store: bundled floor, flammables cabinet, own extract.
-> put on shaft 2, the only room that gets a real exhaust.
wash-up / autoclave kept on the lab side, extract to shaft 2.
500-1000 sq ft = MEDIUM: 1-2 collection, 2-3 lab rooms.
we have 1 collection + 4 lab rooms in 515 sq ft. Sits mid-band.
segregated colour-coded storage, collected without
crossing the patient area. Store is beside the back door.

Lab size band

BMW Rules 2016

AREAS

OPD side

reception + waiting 223 | patient WC 34 | cabin 98 | sitting 59
collection 49 | data + reporting 161 | chemical 44 | wash-up 39
machine hall 222 incl BMW 23. Lab total 515 sq ft = medium lab
42'-6" front to the clean line, 52'-3" to the back door = 1,227 sq ft
16'-1" x 23'-6" = 378 sq ft, opens to the lawn, first floor over
M / F WCs and the staircase stay exactly where they were

LAB side

Clinic gross

Garden court

Unchanged

OPEN POINTS - read before pricing

- No staff changing room / lockers. NABL expects staff to enter the lab through a changing area. At 1,227 sq ft there is no room for one. If accreditation matters, the DATA room has to give up its left bay.
- The specimen crosses the patient corridor once, in a closed box, from the collection hatch to the lab door. A true sealed pass-through needs collection moved back against the clean line - which loses the 'reception at the front' you asked for. This is the one compromise.
- Only shaft 2 gives the lab a real exhaust, so the chemical store sits on it. The wash-up / autoclave extract has to be ducted into the same shaft over the chemical store ceiling. Detail it or the steam stays in.
- The court floor is the basement roof. It is now an external slab: waterproofing, falls and a drain outlet are all new items.
- Clerestory windows sit in both boundary walls. Confirm the neighbour and byelaw position before you rely on them for light and air.
- Registration under the Clinical Establishments Act and a BMW authorisation are both needed. NABL is optional - the layout supports it except for point 1.

DRAWN FROM

Clinical Establishments Act, Standard CEA/Clinic-008, Annexure 1

(min areas: reception + waiting 35 sq ft, consultation 70 sq ft)

Indian pathology-lab practice: unidirectional workflow, clean /

dirty zoning, lab size bands (small / medium / large)

Bi-Medical Waste Management Rules, 2016 - segregated storage

Your sketch of 22 Aug: reception + collection at the front, then

doctor cabin / sitting / toilets, storage + chemical, data

storage, machine hall, exit at the back. Order kept as drawn.

GROUND FLOOR - BIOCHEMISTRY LAB + OPD, GARDEN COURT BEHIND

1:48 on A1 | feet-inches, mm internally | same bands, same beams as the floor over

BANDS

WET ROOMS

CLEAN / DIRTY

TWO WAYS OUT

every partition lands on a real beam line or a shaft-band edge - no new structure

the two shaft bands take the wet rooms: patient WC on shaft 1, chemicals on shaft 2

one door, on the beam at 10631.9. Specimens cross once, in a closed box

patients in and out the front. Staff and BMW out the back into the court

DRG No. A-08

REV A | 09 AUG 2026

PRELIMINARY - NOT FOR CONSTRUCTION

Scheme C - lab + OPD