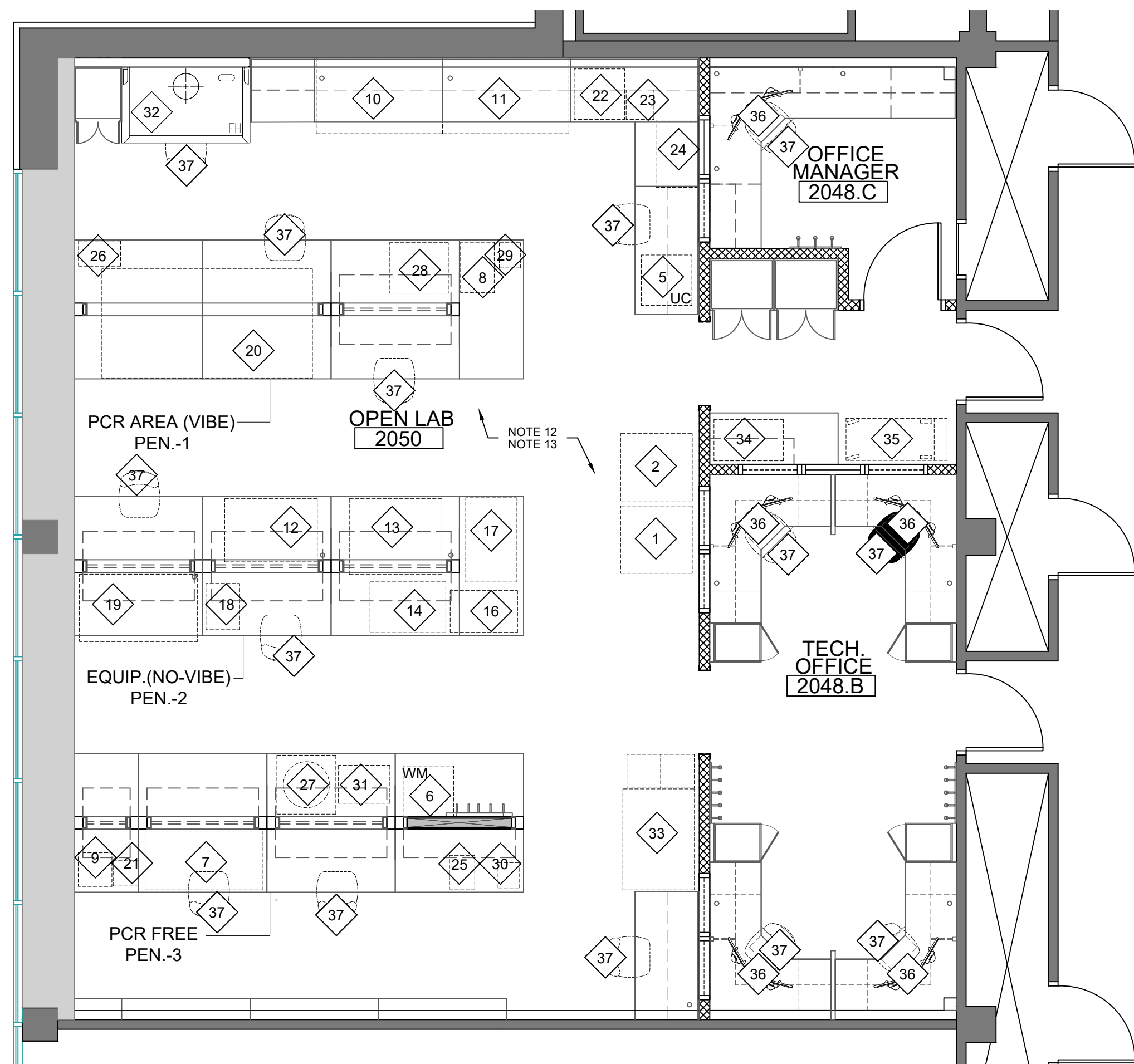
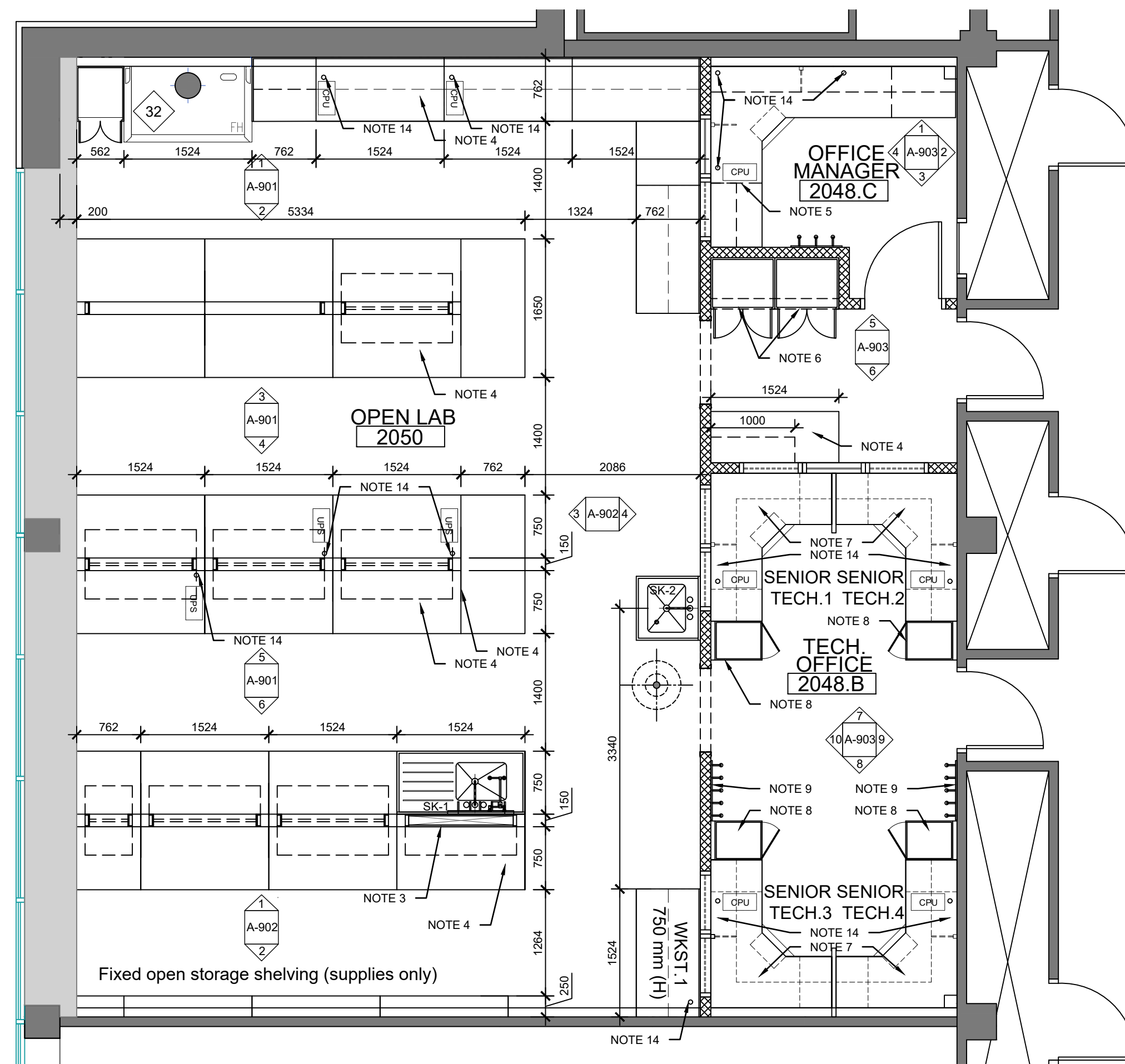


1 FLOOR PLAN  
A-101 SCALE 1:50



3 EQUIPMENT PLAN  
A-101 SCALE 1:50



2 CASEWORK & FURNITURE PLAN  
A-101 SCALE 1:50

KEYNOTE	EQUIPMENT	DRFDRI / DRFCI	BRAND	MODEL	DIMENSIONS ** W x D x H (cm)	LOCATION / NOTES
1	Freezer (-20)	DRFDRI	Panasonic		85 x 85 x 180	PCR-Free
2	Freezer (-20)	DRFDRI	Sanyoi	Biomedical	80 x 85 x 180	
3	Mini-Fridge	DRFDRI	VWR		60 x 60 x 85	Equipment removed by DR
4	Mini-Fridge	DRFDRI			60 x 60 x 85	Equipment removed by DR
5	Mini-Fridge	DRFDRI	VWR		75 x 60 x 85	PCR-Free / Under counter
6	Water Purification System	DRFDRI			60 x 60 x 60	PCR-Free Wall mounted at SK1
7	Laminar Flow PCR Cabinet	DRFDRI			140 x 62 x 110	
8	Thermocycler	DRFDRI			40 x 60 x 40	
9	Spectrophotometer	DRFDRI	Trinean	DropSense	40 x 40 x 40	
10	Sequencer	DRFDRI	Sanger 8-cap	ABI3500	150 x 90 x 80	
11	Sequencer	DRFDRI	Sanger 24-cap	ABI3500xl	150 x 90 x 80	
12	NGS	DRFDRI	Illumina	MiSeq	110 x 75 x 70	
13	NGS	DRFDRI	Illumina	NextSeq 500	110 x 90 x 80	
14	NGS Libray Prep	DRFDRI	Illumina	NeoPrep	90 x 60 x 40	
15	qPCR Machine	DRFDRI	Roche	LightCycler 480 II	140 x 65 x 60	Equipment removed by DR
15A	qPCR Machine	DRFDRI	Roche	LightCycler 480 II	58 x 60 x 50	Equipment removed by DR
16	Capillary Electrophoresis	DRFDRI	Agilent	Bioanalyzer 2100	80 x 50 x 30	
17	Capillary Electrophoresis	DRFDRI	Perkin Elmer	LabChip GX24	100 x 60 x 75	
18	DNA Shearer	DRFDRI	Covaris	M220	40 x 55 x 50	
19	DNA Shearer	DRFDRI	Covari-96	LE200	140 x 80 x 80	
20	Robotic Liquid Handler	DRFDRI	Perkin Elmer	SciClone G3	250 x 130 x 125	
21	Fluorometer	DRFDRI	Invitrogen	Qubit	15 x 28 x 10	PCR-Free
22	Size Selector	DRFDRI	Perkin Elmer	LabChip XT	19 x 40 x 36	
23	Size Selector	DRFDRI	Sage	Elf	35 x 33 x 50	
24	Size Selector	DRFDRI	Sage	Pippen	35 x 33 x 50	
25	Centrifuge (mini)	DRFDRI	Heraeus	Pico 21	23 x 40 x 46	
26	Centrifuge (midi)	DRFDRI	Eppendorf	Centrifugue 5430	30 x 50 x 60	
27	Centrifuge	DRFDRI	Heraeus	MegaFuge 16R	63 x 70 x 90	
28	Centrifuge	DRFDRI	Eppendorf	5810R	75 x 62 x 82	
29	Dry Bath	DRFDRI	Labnet	AccuBlock	20 x 33 x 10	
30	Dry Bath	DRFDRI	Labnet	AccuBlock	20 x 33 x 10	
31	Water Bath	DRFDRI	Fisher Scientific	IsoTemp	61 x 45 x 61	
32	Fume Hood	DRFCI	BedcoLab	NST-5-35	155 x 80 x 220	
33	Fridge	DRFDRI	tbd	tbd	90 x 80 x 180	
34	Printer	DRFDRI	tbd	tbd	60 x 60 x 60	
35	Cart	DRFDRI	tbd	tbd	120 x 50 x 80	
36	Desktop computer	DRFDRI	tbd	tbd	tbd	
37	Chair	DRFDRI	tbd	tbd	tbd	

4 EXISTING EQUIPMENT DATABASE (FOR INFORMATION ONLY)  
A-101 SCALE N/A

## GENERAL NOTES

- CONTRACTOR TO FIELD VERIFY DIMENSIONS AND LOCATION OF ALL EXISTING MECHANICAL, PLUMBING, ELECTRICAL AND MISCELLANEOUS FIXTURES TO BE DEMOLISHED OR RELOCATED BEFORE RENOVATION WORK BEGINS.
- DIMENSIONS ARE TO FACE OF FINISHED MATERIALS, UNLESS OTHERWISE NOTED.
- REFER TO A-501 FOR PARTITION TYPES.
- REFER TO A-501 FOR WINDOW, DOOR AND FRAME SCHEDULE.

## SPECIFIC NOTES

- SERVICE CHASE TO BE REMOVED AND REPLACED WITH NEW CHASE: METAL STUD AND GYPSUM BOARD ENCLOSURE. (EXISTING SERVICES TO REMAIN). SEE DETAIL 7/A-602.
- NEW RADIATOR SOLID PHENOLIC COUNTERTOP AND SERVICE CHASE BELOW.
- SERVICE CHASE (UMBILICAL) BUILT WITH METAL STRUT AND SOLID PHENOLIC PANELS. COORDINATE LOCATION WITH CASEWORK PLAN. (BY CASEWORK MANUFACTURER)
- LABORATORY CASEWORK: PAINTED STEEL LEG FRAME AND SOLID PHENOLIC COUNTERTOP MODULAR CASEWORK SYSTEM WITH PAINTED STEEL ADJUSTABLE SHELVE AND PAINTED STEEL CABINETS. REFER TO INTERIOR ELEVATIONS. WORKING HEIGHT: 900 mm. (UNLESS NOTED OTHERWISE)
- OFFICE MANAGER DESK: SIMILAR CONSTRUCTION TO TECHNICAL WORKSTATIONS. REFER TO NOTE 7. (BY CASEWORK MANUFACTURER)
- PAINTED METAL TALL STORAGE CABINETS. RECESSED INTO THE WALL. BY CASEWORK MANUFACTURER. REFER TO INTERIOR ELEVATIONS
- TECHNICAL WORKSTATIONS: PAINTED STEEL CANTILEVERED STYLE DESK WITH SOLID PHENOLIC COUNTERTOP SYSTEM TO MATCH LABORATORY CASEWORK. MATERIALS, FINISHES AND SPECIFICATION. PAINTED STEEL UPPER ADJUSTABLE SHELVE AND PAINTED STEEL UNDER CABINETS. 45° CORNER DESKTOP COMPUTER WORKSTATION TYPE WITH CORNER LEG ROOM. PROVIDE ROLLING KEYBOARD ACCESSORY UNDER COUNTERTOP. CPU TOWER SUPPORT SHELF BELOW COUNTERTOP AND LOCKABLE STORAGE (ALL FABRICATED AND INSTALLED BY CASEWORK MANUFACTURER) REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION. WORKING HEIGHT: 750 mm.
- PAINTED STEEL, TWO-TIER LOCKABLE FLOOR CABINETS WITH SLOPPED TOPS BY CASEWORK MANUFACTURER. SEE INTERIOR ELEVATIONS
- STEEL COAT HANGER MOUNTED TO WALL. 3 OR 5 HOOKS. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT
- STAINLESS STEEL CORNER GUARDS. APPLY TO ALL EXPOSED WALL CORNERS (TYPICAL) UNLESS OTHERWISE NOTED. SEE INTERIOR ELEVATIONS. REFER TO SPECIFICATION
- GYPSUM BOARD BULKHEAD. SEE INTERIOR ELEVATIONS
- LABORATORY EQUIPMENT LISTED IN THE DATABASE AS DRFDRI (DEPARTMENTAL REPRESENTATIVE FURNISHED-DEPARTMENTAL REPRESENTATIVE INSTALLED) IS SHOWN FOR CONTRACTOR'S INFORMATION ONLY. (NOT FOR CONSTRUCTION). CONTRACTOR TO PROVIDE THE REQUIRED ELECTRICAL, PLUMBING AND OTHER SERVICES TO SUPPORT THIS TYPE OF EQUIPMENT, AS WELL AS THE DRFCI (DEPARTMENTAL REPRESENTATIVE FURNISHED-CONTRACTOR INSTALLED) EQUIPMENT, AS INDICATED IN THE DRAWING PACKAGE.
- RELOCATION OF EXISTING DRFDRI EQUIPMENT TO THE RENOVATED LABORATORY SPACE, TO BE COORDINATED AND CARRIED OUT BY DEPARTMENTAL REPRESENTATIVE.
- CASEWORK MANUFACTURER TO PROVIDE A Ø75mm PRE-DRILLED HOLE IN COUNTERTOP WITH STAINLESS STEEL GROMMET AT ALL COMPUTER WORKSTATIONS AND / OR WHERE CPU, UPS ARE LOCATED. COORDINATE LOCATION WITH CASEWORK PLAN.
- ROLLER BLINDS: CEILING MOUNTED 4-PLY VINYL BLACKOUT TYPE, CHAIN OPERATED. COLOUR: WHITE