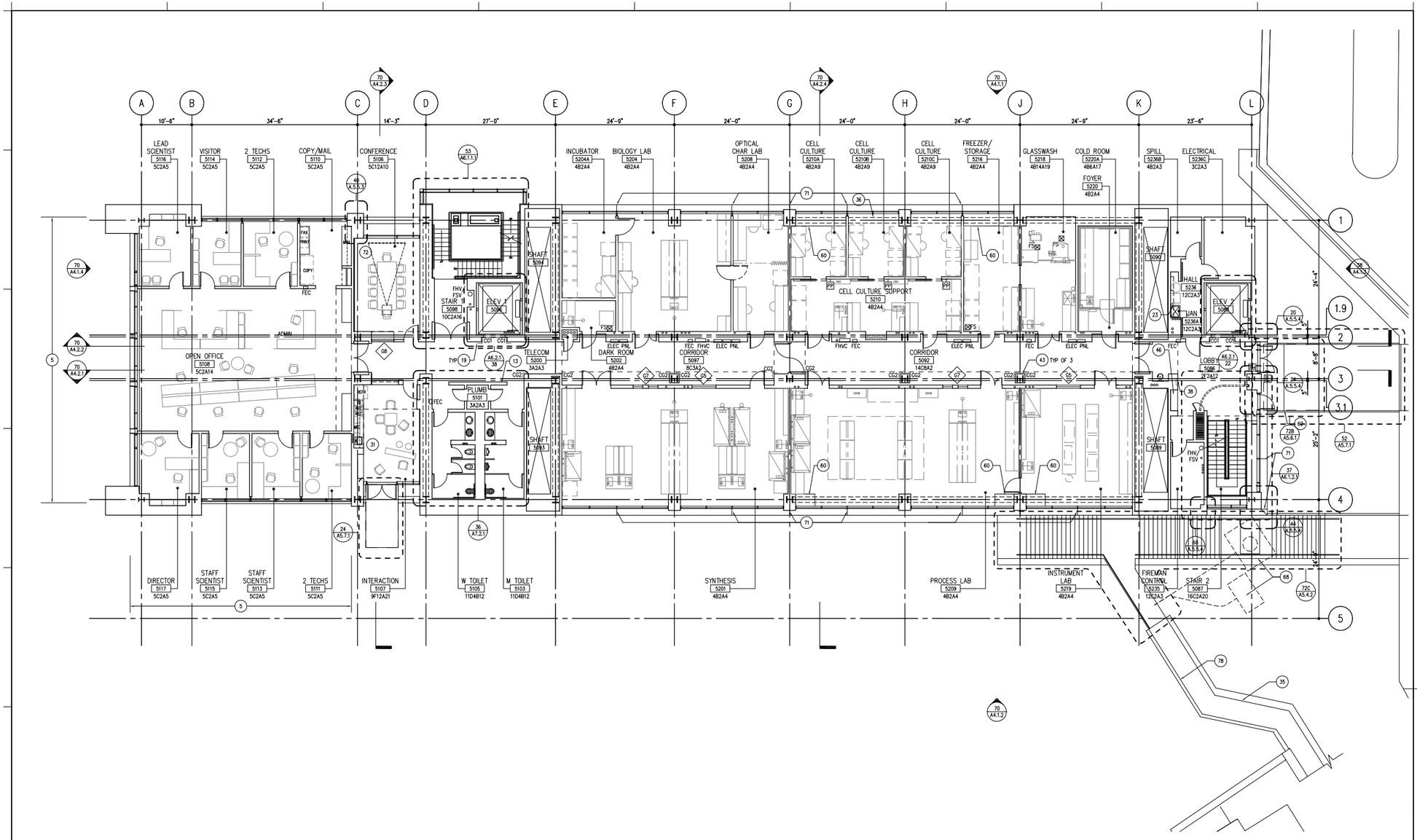

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Molecular Foundry
Building 67

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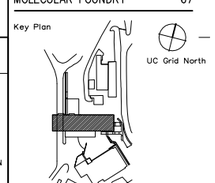
LBNL Project Title: MOLECULAR FOUNDRY
LBNL Building Number: 67

Key Plan



Drawing Title

GENERAL FLOOR PLAN LEVEL 5

1/8" = 1'-0"

Scale

SG Project Number	LBNL Project Number
37351.000	MF1212

Drawing Number: A2.5-1

LBNL Drawing Number: 5N67A027

SHEET NOTES

N. FOR EXTERIOR STAIRS AND TERRACES, REFER TO LANDSCAPE, STRUCTURAL AND ARCHITECTURAL DRAWINGS.

O. FOR SITE RETAINING WALLS, REFER TO STRUCTURAL AND CIVIL DRAWINGS.

P. FURNITURE SHOWN IS NOT IN CONTRACT, UNLESS OTHERWISE NOTED, AND IS INDICATED FOR INFORMATION ONLY.

A. FOR CODE INFORMATION, REFER TO G1 SERIES DRAWINGS.

B. FOR INFORMATION ON EDGE OF SLAB, SLAB DEPRESSIONS, SLAP OPENINGS, AND HOUSEKEEPING PADS, REFER TO "AS" SERIES DRAWINGS.

C. FOR SYMBOLS USED ON THESE DRAWINGS, REFER TO SHEET A0.2.

D. FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES, REFER TO A0.3.

E. FOR TYPICAL MOUNTING HEIGHTS RULES, REFER TO A0.4.

F. FOR PARTITION TYPES AND FLOOR PLAN DIMENSIONS, REFER TO A2-2 SERIES DRAWINGS.

G. FOR FLOOR PATTERN AND SEAMING DIAGRAMS, REFER TO A2-3 SERIES DRAWINGS.

H. FOR CEILING INFORMATION, REFER TO A3 SERIES DRAWINGS.

J. FOR INFORMATION ON VERTICAL CIRCULATION, REFER TO A6 SERIES DRAWINGS.

K. FOR ROOM FINISH SCHEDULE, REFER TO SHEET A9.1.1.

L. FOR LABORATORY CASEWORK, EQUIPMENT AND FURNITURE, REFER TO LF SERIES DRAWINGS.

M. FOR CLEAN ROOM FINISHES, CASEWORK, EQUIPMENT AND TOOLS, REFER TO CR SERIES DRAWINGS.

KEYED NOTES

71 SILL: METAL PANEL TYPE 1 WITH ORGANIC COATING COLOR A . ALIGN JOINTS WITH VERTICAL METAL PANEL. SEE EXTERIOR ELEVATIONS DRAWING SERIES A4.1.

72 SEE ROOM 6106 FOR TYPICAL KEYNOTES, LAYOUTS AND DIMENSIONS, UON.

73 GYP BOARD WALL, PAINTED COLOR P-6.

74 MAIN SCUPPER IN EAST PENTHOUSE ROOF PARAPET, W/ ADJACENT DOWNSPOUT SEE DETAIL 72 A.5.8.6

75 OVERFLOW SCUPPER IN EAST PENTHOUSE ROOF PARAPET. LOCATE OPENING 2" ABOVE ADJACENT MAIN SCUPPER.

76 TYPICAL OF MECHANICAL OPENINGS AT BOTTOM OF SHAFT. SEE EDGE OF SLAB DRAWINGS FOR INFO.

77 GENERATOR FLUE. SEE MECHANICAL DRAWINGS

78 EXISTING CONCRETE RAMP AND RAILING TO REMAIN. PAINT EXISTING RAIL TO MATCH COLOR B.

79 SOUTH TERRACE MONITOR DRAIN UNDER WATERPROOFING MEMBRANE, TYP. OF 5. SEE PLUMBING DRAWINGS

80 DASHED LINE SHOWS DIAGRAMMATIC EXTENT OF GRID MEMBRANE WATERPROOFING ZONES. PROVIDE ONE MONITOR DRAIN PER ZONE

81 NORTH TERRACE MONITOR DRAIN UNDER WATERPROOFING MEMBRANE, TYP. OF 2. SEE PLUMBING DRAWINGS

60 FURRING AT BASE OF UNBONDED BRACE FRAME.

61 ROOF. METAL PANEL TYPE 3 WITH ORGANIC COATING COLOR B.

62 CANOPY ABOVE OR BELOW. FOR ENLARGED PLANS AND REFERENCES TO DETAILS, SEE 68A/A5.6.1 FOR LEVEL 3 NORTH AND SOUTH ELEVATION CANOPIES AND 72A/A5.6.1 FOR LEVEL 5 EAST ELEVATION CANOPY.

63 SMOOTH STUCCO FINISH ON WALLS AND SOFFIT

64 FOR UTILITY BUILDING EQUIPMENT LAYOUT, SEE MECHANICAL DRAWINGS.

65 CONCRETE RAMP

66 BOLLARD, TYP OF 9. SEE CIVIL DRAWINGS FOR DETAIL.

67 ARCHITECTURAL GRADE CAST-IN-PLACE CONCRETE WALL. SEE STRUCTURAL DRAWINGS.

68 EXISTING UTILITY VAULTS. COORDINATE WITH EXTERIOR STAIR LANDING ABOVE.

69 DRAIN AND OVERFLOW, SEE PLUMBING DRAWINGS

70 SILL: METAL PANEL SYSTEM, TYPE 1. ALIGN JOINTS WITH VERTICAL METAL PANEL JOINTS. REFER TO EXT ELEVATIONS DRAWING SERIES A4.1 FOR JOINT LOCATIONS.

48 WATER METER. SEE CIVIL DRAWINGS.

49 SHAFT ABOVE

50 36" WIDE ROOF TRAFFIC PAD

51 NOT USED

52 TYPICAL OF OPENINGS IN CONCRETE WALL ABOVE CEILING FOR MECHANICAL DUCTWORK AND PIPING. SEE STRUCTURAL DRAWINGS.

53 NOT USED

54 NOT USED

55 NOT USED

56 INTAKE DUCT ABOVE. SEE MECHANICAL DRAWINGS AND EXTERIOR ELEVATION SHEET A4.1.4.

57 EXTENT OF CEILING ABOVE

58 NOT USED

59 NOT USED

36 BRACE FRAME PAINTED COLOR P-1, TYP OF 6. SEE STRUCTURAL DRAWINGS.

37 CLERESTORY WINDOW. SEE A4.1 SERIES: EXTERIOR ELEVATIONS.

38 TOUCH-SCREEN DIRECTORY, OFCI. PROVIDE SIZE OF OPENING AND FRAMING AS REQUIRED BY UNIVERSITY.

39 ROOF AND OVERFLOW DRAINS. SEE 20/A5.8.2.

40 FUTURE MECHANICAL EQUIPMENT. SEE MECHANICAL DRWAINGS

41 MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS

42 ENTRY LOCATION FOR ELECTRICAL POWER FEEDER FROM UTILITY BUILDING. SEE ELECTRICAL DRAWINGS.

43 GYP BOARD COLUMN. SEE 72/A9.9.2 FOR BASE DETAIL.

44 SITE RETAINING WALLS WITH WATERPROOFING SYSTEM WP-2. SEE CIVIL, STRUCTURAL AND LANDSCAPE DRAWINGS. SEE DETAILS 72 AND 40/A5.2.5.

45 VENDING MACHINES, OFCI.

46 BENCH. SEE 22/A9.7.4.

47 PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS

24 (2) STANDARD 44" LENGTH MOP HOLDER SHELVES, MOUNTED FLUSH TOGETHER AND CENTERED ON WALL

25 FOUR-PLY BUILT-UP ROOF OVER TAPERED INSULATION SEE A.5.8 SERIES

26 ROOF ACCESS HATCH WITH CURB. SEE 68/A.5.8.3

27 CLEAN ROOM AIR HANDLING UNIT ON CONCRETE PAD

28 TRUSS BRACING. SEE 24/A5.8.3 FOR ROOF DETAIL.

29 SNAP SEAM ROOF ABOVE SHAFT ENCLOSURE. SEE A5.8.1 FOR DETAILS.

30 PLANTING AREA. SEE LANDSCAPE DRAWINGS.

31 SEE ROOM 6107 FOR TYPICAL KEYNOTES, LAYOUTS AND DIMENSIONS, UON.

32 ALL UTILITY BUILDING MTL. STUDS TO BE 16 GA. MIN. BACKING PLATES ARE REQD AT ALL LOCATIONS WHERE PIPING AND OTHER MEP EQUIPMENT IS ATTACHED TO WALLS. REF MEP DWGS FOR LOCATIONS & ADDITIONAL REQMTS. REF BACKING PLATE SCHEDULE FOR BACKING PLATE TYPES.

33 GLASS MARKERBOARD. SEE 64/A8.1.2 FOR MOUNTING HEIGHT AND LOCATION, UON.

34 FIREMAN'S ANNUNCIATOR PANEL. SEE FA SERIES - FIRE ALARM DRAWINGS.

35 (E) CONCRETE PATH AND WALL TO REMAIN. SEE LANDSCAPE DRAWINGS.

12 SHAFT ENCLOSURE UNDER STAIR LANDING FOR MECHANICAL DUCTWORK AND AIR INTAKE.

13 GYP BOARD WALL WITH DECORATIVE VENEER PLASTER FINISH PV-1, SST BASE AND SIGNAGE. SEE A4.2 SERIES - BUILDING SECTIONS / INTERIOR ELEVATIONS.

14 SLIDING DOOR. SEE A4.2 SERIES - BUILDING SECTIONS / INTERIOR ELEVATIONS.

15 TEMPORARY ACCESS FOR MECHANICAL EQUIPMENT TO LEVEL 2. UNPAVED AREA TO BE KEPT CLEAR.

16 FLOOR DRAIN, TYP OF 7

17 EXHAUST STACK, TYP

18 ELEVATOR #2 MACHINE SUPPORTED FROM ROOF BEAMS. SEEA6.2.1 AND STRUCTURAL DRAWINGS.

19 CORNER GUARD TYPES CG1 AND CG2, TYP. SEE DETAIL 69/A9.9.2.

20 9" CONCRETE CURB WITH STEPS AT DOORWAYS SEE A5.8 SERIES

21 CONCRETE MECHANICAL EQUIPMENT CURB / PAD. SEE 68 A.5.8.2

22 CONCRETE CURB- SEE AS2.7

23 (3) STANDARD 34" LENGTH MOP HOLDER SHELVES, MOUNTED FLUSH TOGETHER AND CENTERED ON WALL

NOTE: NOT ALL KEYNOTES ARE NECESSARILY USED ON EACH SHEET

1 ELEVATOR #1 HOISTWAY VENT AT ROOF. SEE MECHANICAL DRAWINGS AND 44/A5.8.5.

2 ELEVATOR #1 CONTROL ROOM FAN AT ROOF. SEE MECHANICAL DRAWINGS AND 20/A5.8.5.

3 SEE CR SERIES - CLEAN ROOM DRAWINGS FOR CLEAN ROOM FINISHES

4 TELECOM RISER SLEEVE OPENINGS AT LEVEL 3 SHIFT 6" EAST FROM LOCATIONS IN TYPICAL FLOORS.

5 SEE LEVEL 6 FOR TYPICAL KEYNOTES, LAYOUTS AND DIMENSIONS AT OPEN OFFICE, ENCLOSED OFFICES, AND MAIL/COPY ROOM WHICH MAY NOT BE SHOWN IN THIS AREA.

6 EXTENT OF ELECTROMAGNETIC INTERFERENCE TO SEM

7 SOFFIT ABOVE

8 PROVIDE INTUMESCENT FIREPROOFING AT ALL STRUCTURAL STEEL WITHIN THE CLEAN ROOM (EXCEPT STEEL WHICH IS COMPLETELY ENCLOSED IN GYPSUM BOARD PARTITIONS). INCLUDES STRUCTURAL STEEL BETWEEN COLUMN LINES 3 AND 5, AND E AND K.

9 (2) STANDARD 34" LENGTH MOP HOLDER SHELVES, MOUNTED FLUSH TOGETHER AND CENTERED ON WALL

10 CONCRETE PAD, SEE STRUCTURAL DRAWINGS.

11 ALTERNATE NO 9: REFER TO LF2.6, LE2.6, LP2.6 AND M2.6 FOR ADDITIONAL INFORMATION.

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