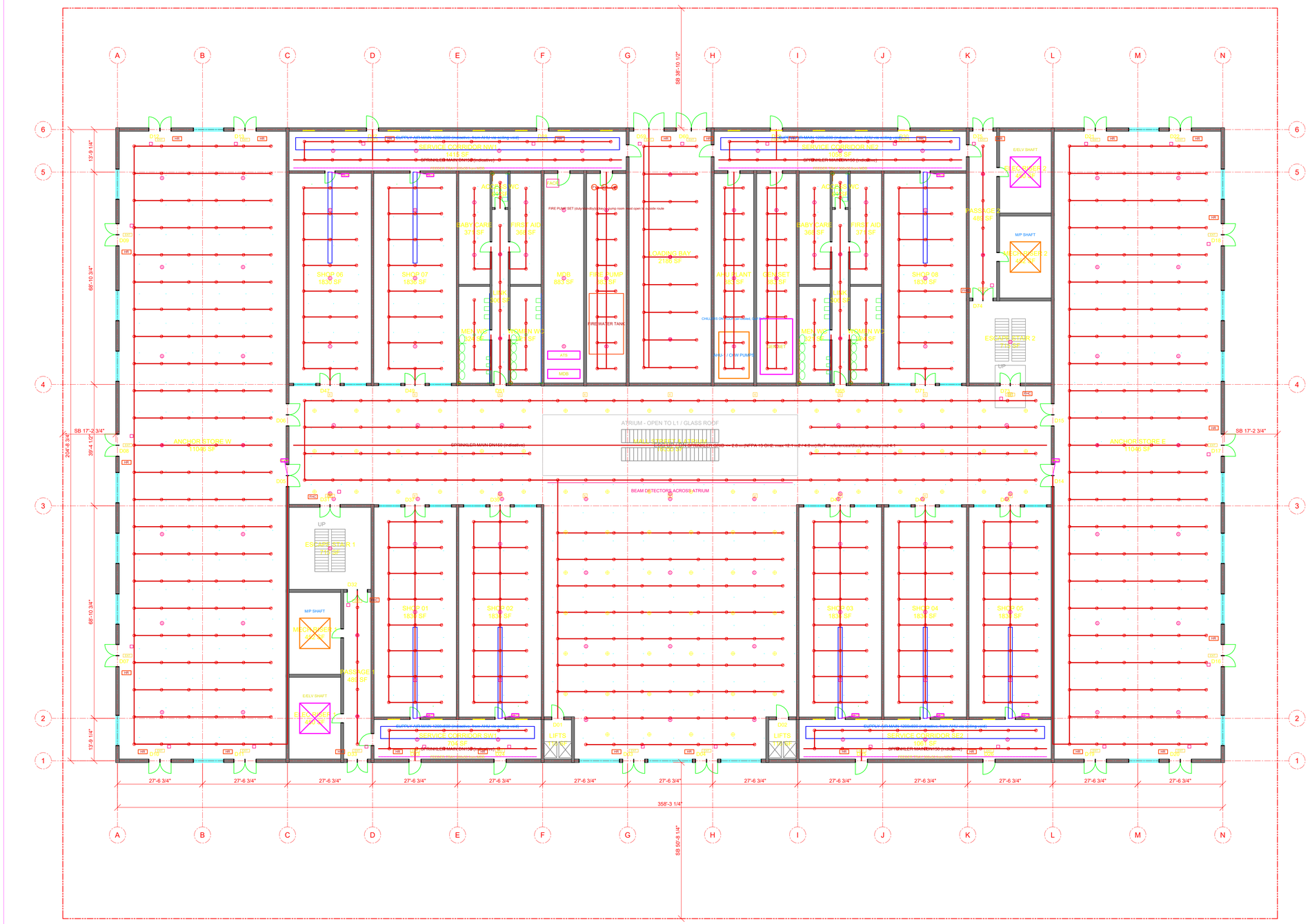


MEP / ARCH OVERLAY LEGEND - indicative layouts, not hydraulic/aerodynamic designs; spacing per references/disciplines/mep.md

- FP-SPRK-HEAD Sprinkler head
- FP-SPRK-PIPE Sprinkler branch / main
- E-FALM Smoke(S) / heat(H) detector, call point, sounder
- FP-HOSE Hose reel HR / hose cabinet FHC
- M-HVAC-SCD Supply air diffuser 600x600
- M-HVAC-RCG Return air grille
- M-HVAC-SAD Supply duct main / take-off
- M-HVAC-EQPT AHU / riser shaft
- E-LITE Luminaire (mall street)
- E-LITE-EMER Emergency light / EXIT sign
- E-DB DB / MDB / generator
- E-TRAY Feeder cable tray
- P-FIXT WC / basin / urinal / ablution / grease trap
- P-DCW Cold water branch
- P-SANR Soil / waste stack + branch
- A-FLOR-STRS Stair treads / UP arrow
- A-FLOR-OTLN Atrium void edge
- A-FLOR-EVTR Lift car / escalator

AREA SCHEDULE
PLOT AREA: 116250 SF
GROUND FLOOR FOOTPRINT: 73901 SF
GROUND COVERAGE: 63.6 %

CODE CHECK (ASSUMED 5/3/3 m - no commercial-zone setbacks in country file [verify])
SOUTH front setback 15450 >= 5000: PASS
NORTH rear setback 11850 >= 3000: PASS
WEST side setback 5250 >= 3000: PASS
EAST side setback 5250 >= 3000: PASS

SAMPLE PROJECT generated by ArchMind gen_mall.py - not for submission.
GRID 8.4 m [RoT retail 7.5-9 m]; street 12 m, shops 8.4 x 21 m, service corridor 4.2 m [RoT].
TRAVEL LIMIT 76.2 m: us.md 5.3 IBC Table 1017.2 M sprinklered 250 ft (verify). Computed max this level 42.1 m.
Exit = final exit door or protected-stair door; path around atrium void; open-plan rooms; sprinklered building (assumed).
SETBACKS F/S/R 5/3/3 m: ASSUMED 5/3/3 m - no commercial-zone setbacks in country file (verify)
ASSUMPTIONS: plot 120 x 90 m, frontage south, loading yard north; service corridors fire-rated, 2+ exits each.
WC separated men/women, accessible WC every level (RoT).
Stairs, escalators, atrium void: see MEP/ARCH overlay.

N

PROJECT	Sample Shopping Mall
CLIENT	Showcase
LOT / BLOCK / SUBDIVISION	PIN 00000000 (sample)
SHEET TITLE	Ground Floor Plan
SHEET No.	A-101
SCALE	1/16" = 1'-0"
DATE	2026-10-29
DRAWN BY	ArchMind gen_mall
REVISION	0