

# IN SENIOR LIVING

The 65-and-over population is growing faster than any other age group. Architects, engineers, and contractors are coming up with creative solutions to better serve this burgeoning cohort.

Utah's Ovation Sienna Hills, built by ARCO Construction, offers four in-house restaurants and a range of continuing care options, such as independent living, assisted living, and memory care.

#### BY NOVID PARSI, CONTRIBUTING EDITOR

oday, one in six people in the U.S. is 65 or older—an age group that has grown almost five times faster than the total population over the past century. Baby boomers, who began turning 65 in 2011, all will be at least that age by 2030. And despite recent declines in life expectancy, Americans for decades have been living increasingly longer.

The housing needs of this diverse and burgeoning population came into clear view during the pandemic. About half of senior housing properties experienced Covid deaths in 2020. Occupancy rates at senior living facilities have yet to reach pre-pandemic levels.

"The pandemic highlighted how our global healthcare, financial, and housing infrastructure is failing to serve a rapidly growing older population," says Tama Duffy Day, FACHE, FASID, FIIDA, LEED BD+C, Global Leader of Gensler's senior living practice. "As we look to the future, we need to build communities and neighborhoods that use momentous and creative solutions to empower people to thrive throughout their entire lifespan."

Architecture, engineering, and construction firms shared their own creative solutions for senior living facilities that enable older people to thrive. Here are the top 10 trends in senior living facilities:

Senior living facilities can no longer simply be places where Americans go after retirement to live in isolation. These facilities must be places where seniors not only can socialize with each other but also can interact with their surrounding communities. "Facility providers will be under increasing pressure to supply accommodations for older adults that are more accessible to food

### Top 10 Trends

#### in Senior Living Facilities

- 1. Foster connections with the community
- 2. Offer a wide range of living options
- 3. Eliminate generational divides
- 4. Offer robust fitness options
- 5. Provide resort-like amenities
- 6. Prioritize health and wellness
- 7. Avoid institutional-looking designs
- 8. Adopt tech to keep seniors connected
- 9. Mitigate financing struggles with front-end planning and efficient design and construction
- 10. Explore adaptive reuse opportunities that could lower development and construction costs

amenities, transit, green spaces, learning centers, entertainment, and health services," Day says.

Many facilities are fostering connections with the neighborhoods around them. A mixed-used senior building could include a ground-floor coffee shop or other retail open to the general public. An intergenerational senior facility could have a child daycare center staffed with seniors. Or the facility might be embedded within a larger development that offers restaurants and other retail. "We're seeing more mixed-use developments that include senior and independent living," says Alejandro Giraldo, Assoc. AIA, NCARB, LEED AP, Principal, Perkins Eastman.

One senior living development, by Moseley Architects, is located in a suburban shopping center, providing residents with direct access to dining and retail. "A newer trend within our industry is to enable connections to the greater community,"

says Mark Heckman, Vice President, Moseley Architects.

Such connections also provide a benefit to facility owners, Day notes: "The wider the network of services in the neighborhood, the less providers need to offer in the building complex."



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Nationwide, there are now more than 1,900 continuing care retirement communities (CCRCs), also called life-plan communities. These long-term facilities offer multiple types of living options such as independent living, skilled nursing care, assisted living, memory care,

and short-term rehabilitation—to allow older people to move through the stages of aging, all within the same development. Such facilities are becoming increasingly popular, according to industry experts.

"We are witnessing the integration of independent living, assisted living, and memory care units within the same development," says John Finn, Chief Operating Officer, W.E. O'Neil Construction.

Within the larger trend of cultivating connections between senior living facilities and their communities, an offshoot trend has emerged:

university-based communities. There are now more than 100 CCRCs operating on or near college and university campuses in 30 states. Recent projects include The Spires at Berry College in Georgia; Legacy Pointe at the University of Central Florida; and Broadview Senior Living at Purchase College in New York.

At these developments, seniors, many of whom are alumni, can take classes, teach, and mentor students. And with dwindling student populations, colleges and universities can gain revenue by leasing or owning the senior living buildings.

Developer McNair Living's recently launched Varcity brand plans to build and operate on-campus senior living developments that eliminate genera-

tional separation while also changing campus life. McNair has projects breaking ground on six college campuses, with another half dozen planned by 2026. For one project, McNair Living and Gensler are bring-





For many, growing older doesn't mean growing feeble—so senior living facilities shouldn't just treat residents as patients. Facilities are serving the active adult

For The Variel in Woodland Hills, Calif.,

general contractor W.E. O'Neil used prefabricated wall panels to expedite construction. The 413,111-sf senior living facility features eight stories of Type I-A construction over one level of subterranean parking.

demographic by ACTIVE ADULT providing gyms,

swimming pools, walking and biking paths, and other fitness options. "These residents are ready to downsize but do not need to move into a

licensed or life-plan community," says Dora Kay, AIA, LEED AP, Vice President, Moseley Architects.

"Active adult communities are bridging the gap for homebuyers who want more community engagement, less property maintenance, and a more active atmosphere with similarly aged residents," Kay adds. For instance, Moseley is designing a senior living community situated in a mountain location with trails.



"Active adult projects are experiencing a surge in development, predominantly led by for-profit developers seeking market diversification," Giraldo says.

As the active adult trend indicates, senior living facilities are finding they need to up their game when it comes to the amenities they offer. Increasingly, they're offering more luxe amenities. These can include casual and formal dining, indoor fitness 'The pandemic highlighted how our global healthcare, financial, and housing infrastructure is failing to serve a rapidly growing older population.'

> —TAMA DUFFY DAY, FACHE, FASID, FIIDA, LEED BD+C, GLOBAL LEADER, SENIOR LIVING PRACTICE, GENSLER

> > HIGH-END

**AMENITIES** 

centers, outdoor fitness activities, day spas, and medical clinics.

For its renovation of Medford Leas in New Jersey, Bala Consulting Engineers transformed the building's library, café, and fitness center into exercise spaces and a swimming pool along with locker rooms, patios, lounge, bistro, and display cooking venue.

"The biggest game-changer is designing senior living facilities that have the amenities of a high-end resort," says Andy Heinen, Vice President, Kimley-Horn.

Finn agrees: "There is a growing emphasis on luxury in senior living, with an increased focus on amenity spaces." For The Variel in California, W.E. O'Neil included a variety of activityoriented amenities such as an indoor swimming pool, spa, physical therapy room, library, art studio, and lounge and massage rooms.

For Longleaf at Liberty Park in Vestavia Hills, Ala., the sophisticated design by Niles Bolton Associates sheds any institutional connotations. The team took design cues from the Victorian architecture of the nearby Mountain Brook community. The wide array of amenities includes a sports lounge, salon and spa, gourmet dining venues, senior-centric fitness center, art studio, theater, and library.







residents feel less isolated. More pleasing

other spaces help

designs are also being facilitated by a shift in some municipalities' parking mandates. The traditional requirement of two parking spaces

per unit puts a burden on senior living facilities to have more parking than they actually need—which is only about 1.1 to 1.6 parking spaces per unit, according to Heinen.

More municipalities are realizing this and decreasing their parking requirements, he adds. "With lower parking mandates, the campus hardscape decreases and the inviting landscaping increases."

#### It's not just more dining options that seniors want—it's more healthy dining.

Facilities are prioritizing more nutritious

food options among many other health and wellness features and amenities. These can include healthy indoor air quality, robust fitness options, outdoor gardens,

and walking and biking paths. Outdoor spaces, such as healing gar-

dens or memory gardens for assisted living and memory care facilities, can relieve

stress by connecting residents with nature while also providing spaces for both solitude and togetherness.

"Improving connection to the outside for activity and wellness will open more doors to these facilities," says Walter Ploskon, AIA, Principal and Managing Director, Niles Bolton Associates.

"The desire for health and wellness features within the design of our communities isn't necessarily a new trend but it is maturing, and it's now an integral part of every senior living building or community we design," Heckman says.

#### Today's seniors want to stay connected to their communities not just physically but digitally, too.

As baby boomers move into senior living, they're bringing all their devices with them. They're also bringing an expectation that their new housing facilities will support their tech needs.

In response, senior care organizations are upgrading their network infrastructure and broadband—and even hiring tech concierges to answer residents' tech questions.

"Demand has increased for technology design

services to meet the needs of connected residents," says Chuck Kensky, PE, LEED AP BD+C, Certified Energy Auditor, Executive Vice President, Bala Consulting Engineers.

Bala's technology group focuses on connecting residents throughout the facility by utilizing the latest tech in wayfinding, AV systems, message

#### Facilities are looking less like institutions. and more like communities—inside and out.

Developers are placing more emphasis on the facility's frontage, "so they can increase the property's exterior appeal and give residents a more peaceful home," Heinen says.

## INVITING DESIGN

**HEALTH AND** 

WELLNESS

"We believe in connecting common areas and

resident areas to create more of a village feel. We want residents to walk out of their units and be part of a community," Ploskon says, adding that common areas with sightlines that reveal connections to



## **FINANCIAL CHALLENGES**

**Industry experts agree:** These are tough financial times for senior living developments—with high construction costs, high interest rates, and lending uncertainty. "Beyond the costs for sites in desirable locations and the current financing environ-

ment, many developers are becoming increasingly frustrated with the time and costs associated with getting a senior living project approved by local jurisdictions, which in many cases now stretch to three or more years," Heckman says.

Heckman points to a related burden: "Proposed senior living projects seem to garner a higher level of scrutiny than a typical multifamily proposal," he says. This may be because many municipalities consider senior living as institutional facilities rather than what they really are: "another form of residential use that should be part of any healthy community," Heckman says.

In response to these challenges, facility owners and developers are working hard to secure approvals and financing during the early planning stages. "Our customers are spending more time on the front end of projects getting sites entitled and approved with finance partners," says Kyle Darnell, Vice President, ARCO Construction Company.

With greater financial stressors, developers are leaning into more efficient design and construction, including modular builds. For The Variel, W.E. O'Neil expedited construction by using prefabricated wall panels. ARCO achieves greater efficiency with repeatable building and operational layouts, Darnell says. "This allows AHJ [authorities having jurisdiction] approvals for state licensure to be a much smoother process."

KTGY finds that fewer but more flexible common spaces provide both financial and residential advantages. "Not only does this save on construction costs, but it also puts more people into these spaces, so the community feels vibrant and active," says Ben Seager, AIA, LEED AP, Principal, KTGY.

Faced with high costs of land and construction and high interest rates amid ongoing inflationary pressures, facility owners and developers are embracing the trend of adaptive reuse.

Empty or underused office buildings, for instance, can offer potential opportunities for senior living conver-

sion. In Chicago, Town Hall Apartments, a senior housing facility designed by Gensler, includes the adaptive reuse of a decommissioned police station.

"With the current economic conditions, we're seeing an increase in creative solutions through adaptive reuse of existing buildings," Giraldo

> says. Adaptive reuse development and conat the same time proentirely new communi-

projects can lower struction costs while viding carbon savings compared to building ties, Giraldo adds.+



Outdoor spaces, such as healing gardens, patios, and walking paths, can relieve stress by connecting residents with nature while also providing spaces for both solitude and togetherness, Pictured: Maravilla at The Domain wellness community for 55+ residents in Austin, Texas, designed by Perkins Eastman.