



Hospital Business Plan

ASLS INC (Autism Supported Living Services)

ASPECTRUM 501(c)(3)

3D Graphene Concrete Village Development Plan

Location: Los Angeles County, CA

Land Use: 3–5 acres

Mission: To create a sustainable, inclusive, and technology-driven village community providing high-quality Community Integration Training and Employment Opportunities for Adults with Intellectual Disabilities, expanding community inclusion and equity.

1. Executive Summary

ASLS is a nonprofit 501(c)(3) organization focused on empowering adults with intellectual disabilities through innovative housing, training, and employment programs.

Community Integration Training Program for Individuals with Intense Behavioral Support Needs with a Focus on Employment/Volunteerism, under the Service Codes: 055 (Adult Day/Community Integration Training Program) & 612 (Behavior Analyst). ASLS (AUTISM SUPPORTED LIVING SERVICES) INC., NONPROFIT 501(c)(3) since 2015. ASPECTRUM PROGRAM was conceived in 2019.

The ASLS ASPECTRUM Village Project will be developed on 3–5 acres of land in Los Angeles County. Once the land is secured to develop, the village will be built using graphene-infused 3D printed concrete structures.

The development will include residential units, vocational training facilities, wellness and recreation spaces, and micro-enterprise hubs, which makes this community a net-zero emission build community using low-carbon products under the Buy Clean Act California.

If the city awards a building structure to be designed for construction, we have a unique floor plan that will cater to all needs of our clients.

Core Objective:

To provide a safe, sustainable, and inclusive living environment integrated with workforce training and community engagement opportunities through programs.

Vision:

To redefine inclusive living through sustainable construction and social innovation.

Mission Statement:

To build resilient communities that empower adults with intellectual disabilities to thrive through independence, employment, and social connection.

Create a community engagement facility to experience new trade programs, arts and musicians, open mental health initiatives.

2. Organizational Overview

- Legal Status: 501(c)(3) Nonprofit Organization
- Name: ASLS Inc
- Headquarters: Los Angeles County, CA
- Core Values: Inclusion, Sustainability, Empowerment, Innovation, Dignity, Environmental, Community Mental Health Initiative

Board Composition:

- Executive Director (Program & Community Development)
- Construction/Innovation Director (Building, Graphene & 3D Concrete Technology)
- Clinical Program Director (Intellectual Disability Support)
- Finance Director
- Workforce & Volunteerism Director

3. Project Description

A. Land and Infrastructure

- Site Size: 3–5 acres in Los Angeles County (zoned for mixed-use/community development)
- Construction Type: 3D-printed graphene-infused concrete – durable, emission-free, and cost-efficient
- Design Concept: A “micro-village” ecosystem promoting independence, learning, and inclusion

Planned Facilities:

1. Residential Units (25–50 dwellings) – accessible smart homes for adults with disabilities
2. Community Integration Center – daily training, therapy, and skill development available to the public
3. Employment & Volunteer Hub – social enterprises, community garden, recycling/graphene lab
4. Wellness & Recreation Spaces – sensory garden, gym, café, art & music rooms
5. Administrative & Support Building – offices, conference space, resource center

4. Program Components

1. Community Integration Training

- Life skills, self-advocacy, and financial literacy
- Job-readiness and workplace etiquette
- Transportation navigation and safety

2. Employment & Volunteer Program

- Partnerships with local businesses and city volunteer programs
- On-site micro-enterprises (e.g., greenhouse, craft shop, café)
- Paid apprenticeships in 3D designing, landscaping, and facility maintenance

3. Support Services

- Behavioral & vocational therapy
- Case management
- Family support and respite services

4. Sustainability & Green Technology Education

- Training in graphene-based construction and eco-materials
- Solar panels
- Renewable energy management and recycling practices

5. Target Population

- Adults (ages 18–55) with intellectual or developmental disabilities (IDD)
- Transitional youth exiting special education programs
- Veterans and individuals with mild cognitive disabilities seeking community integration

Target Capacity: 50–75 program participants annually

6. Development Phases

Phase	Timeline	Key Actions
I. Feasibility & Land Acquisition	6 months	Secure 3–5 acres, complete zoning and permits/city building structure
II. Design & Engineering	3 months	Finalize graphene 3D design, sustainability plan/remodel or demo plan
III. Construction & Infrastructure	12 months	Construct residential & training units
IV. Staffing & Program Launch	6 months	Hire staff, develop training & job partnerships
V. Full Operation	24–30 months	Enroll participants, evaluate and expand

7. Financial Overview

A. Startup Costs (Estimated)

Category	Amount
Land Acquisition / Lease	\$1,000,000+
Site Preparation & Infrastructure	\$300,000
3D Concrete Graphene Structures	\$2,500,000
Furnishings & Equipment	\$400,000
Licensing, Permits, Legal	\$100,000
Program Development & Staffing	\$600,000
Total Estimated Startup	\$5.1 Million

B. Annual Operating Budget

Category	Amount (Annual)
Staffing (15–20 employees)	\$1,800,000
Program Operations	\$500,000
Maintenance & Utilities	\$250,000
Community Activities	\$100,000
Total Annual Budget	\$2.6 Million

8. Funding Strategy

Sources:

- Federal/State Grants (HUD, Department of Developmental Services, ARC Grants)
- Philanthropic and Corporate Partnerships (Construction X Inc, Google Impact Challenge, Home Depot Foundation)
- Social Impact Investors
- Local Municipalities and Workforce Development Funds
- Graphene Technology Sponsorships (Construction X Technologies collaboration for carbon credit rebates)
- Community Donations and Fundraising Events

Revenue Streams:

- Program Service Fees (Waiver-funded participants)
- Social Enterprise Income (Village café, crafts, greenhouse)
- ESG Construction Training Program Partnerships
- Long-term Housing Subsidies (Section 811, LIHTC alignment)

9. Partnerships

- Construction X Technologies – sustainable graphene concrete infrastructure
- Regional Center of Los Angeles – participant referrals and service funding
- Local Workforce Development Boards – employment placements
- Community Colleges / Trade Schools – training partnerships
- Corporate Partners – volunteer programs and social enterprise sponsorships

10. Impact Goals & Evaluation

Short-Term (1–3 Years):

- Construct and open the first ASLS ASPECTRUM Village
- Train a minimum of 25–50 adults annually in community and vocational programs

Long-Term (5–10 Years):

- Replicate the model across multiple counties in California

- Employ or place 200+ adults with disabilities in integrated jobs
- Achieve 80% sustainability through enterprise and renewable systems

Evaluation Metrics:

- Employment rate among participants
- Quality of life and self-sufficiency surveys
- Reduction in dependency on state-funded services
- Carbon footprint and sustainability benchmarks

11. Conclusion

The ASLS ASPECTRUM Village represents the future of inclusive, sustainable community design – merging social purpose with green innovation. By combining green 3D-printed housing technology with holistic support programs, ASPECTRUM will set a new national model for inclusive, eco-smart living and dignified employment for adults with intellectual disabilities.