Building our Legacy:
Aging Infrastructure vs. Modern Solutions

Independence Local Schools

Current State of Independence Primary School

Current State of IPS

Critical Infrastructure Needs

- **HVAC System**: The 1956 portion uses outdated steam boilers and terminal units, while the 1999 addition has 9 rooftop units past their useful life. Ventilation is inadequate throughout.
- **Roofing**: Multiple roof layers installed over 20+ years are failing, with current leaking reported and poor drainage systems.
- **Electrical**: 1956 electrical panels need replacement, insufficient outlets in original classrooms, missing GFCI protection, and non-compliant receptacles.

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Current State of IPS

Safety & Compliance Issues

- **Fire Safety:** Fire alarm system discontinued in 2001, lacks voice evacuation capabilities
- **Security:** No secure entrance vestibule, inadequate CCTV coverage, non-compliant access control
- **ADA Compliance:** Major accessibility deficiencies including no elevator for 2-story access, non-compliant restrooms, and inadequate door hardware

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Current State of IPS

Building Systems

- **Plumbing:** 70-year-old pipes in original building need replacement, outdated water heaters, missing kitchen restroom
- **Finishes & Equipment:** Complete replacement needed for worn finishes, undersized kitchen equipment, inadequate gymnasium facilities
- **Structural Issues:** Foundation waterproofing needed, masonry deterioration, inadequate exterior wall insulation

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Current State of IPS

Environmental & Health Concerns

- **Hazardous Materials:** Building contains asbestos and other hazardous materials throughout, requiring professional abatement with updated assessment currently being generated.
- **Air Quality Issues:** Inadequate ventilation system with many dampers locked closed or non-functioning, creating poor indoor air quality conditions.
- **Water Penetration:** Significant water intrusion in southwest corner and basement areas creating potential for mold growth and structural damage.

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Current State of IPS

Site Conditions

- **Traffic Safety:** Single entrance creates unsafe mixing of bus and vehicle traffic with curbside loading not separated from other vehicles.
- **Infrastructure Condition:** 96 parking spaces in fair to poor condition with cracked asphalt, non-compliant playground surfacing, and site drainage problems.
- **Accessibility:** Site grading drains toward building causing foundation issues, with inadequate curb ramps and handicap parking.

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Current State of IPS

Technology

- **Electrical Deficiencies:** 1956 classrooms have only 3-6 electrical outlets (inadequate for modern needs), missing GFCI protection and tamper-resistant receptacles.
- **Security Systems:** Non-compliant security system lacking integration, no secure entrance vestibule, and inadequate CCTV coverage.
- **Fire Safety:** Fire alarm system uses discontinued equipment from 2001, lacks voice evacuation capabilities required by current codes.

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Current State of IPS

Furnishings

- **Classroom Furnishings:** Casework in fair to poor condition throughout with 16 linear feet per typical classroom, storage and display surfaces adequate but aging.
- **Kitchen Equipment:** Undersized kitchen for current enrollment with equipment in fair to poor condition, no walk-in cooler/freezer on-site.
- **Gymnasium Equipment:** Missing essential items including divider curtain, wall padding, scoreboard, and scorer's table with poor acoustical treatment.

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Current State of IPS

Space

- **Size Deficiencies:** Classrooms undersized per Ohio state standards, kitchen inadequate for current enrollment, no compliant elevator for 2-story accessibility.
- **Specialized Spaces:** Media center relocated to corridor (suboptimal), art room ventilation inadequate, student dining has poor acoustics.
- **Accessibility Issues:** Major ADA compliance failures throughout with non-compliant circulation paths, surfaces, and inadequate space allowances.

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Current State of IPS

Recent water damage











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Current State of IPS

Structural Damage











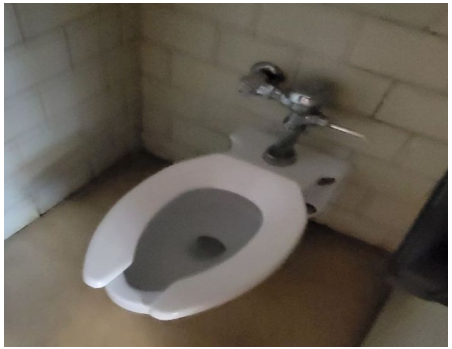
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Current State of IPS



Water Pooling on Roof



Children's Bathroom







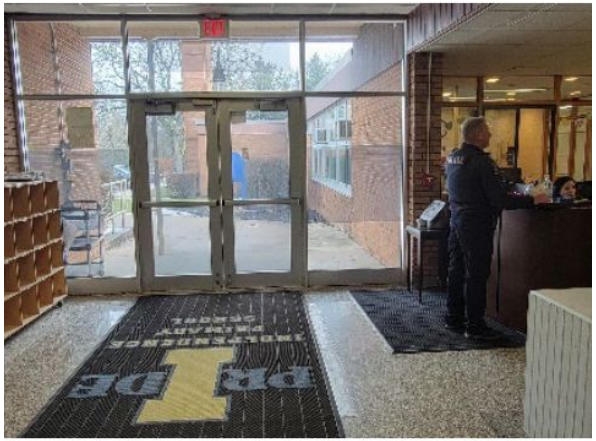
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Current State of IPS

Kitchen (No walk in Cooler/Freezer)





Main Entrance (without Vestibule)



Library in a Hallway

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