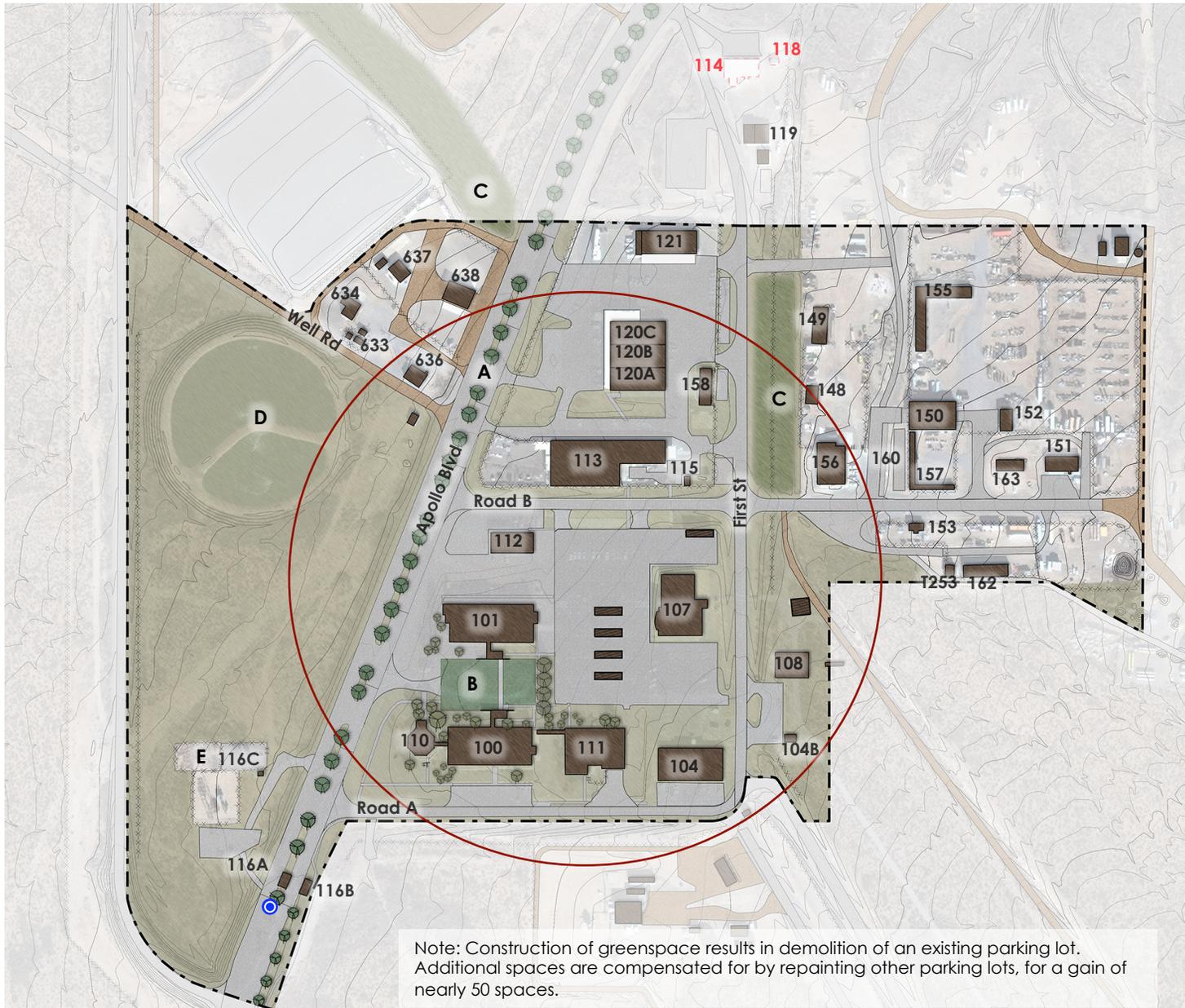


APPENDIX A

FIGURES

NASA – WHITE SANDS TEST FACILITY

SHORT-TERM PLAN (0-10 YEARS)



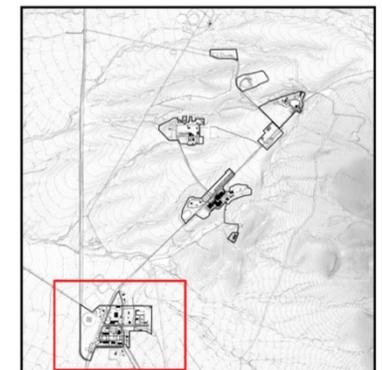
White Sands Test Facility (WSTF) 100 Area

- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Existing Trees
- Proposed Tree
- 5-Minute Walk
- Access Control Point

- A Upgrade Apollo Blvd with Street Trees
- B Construct Central Quad
- C Construct Bioswales for Stormwater Catchment
- D Remove Water Treatment Ponds
- E Upgrade Switchgear Equipment 2015

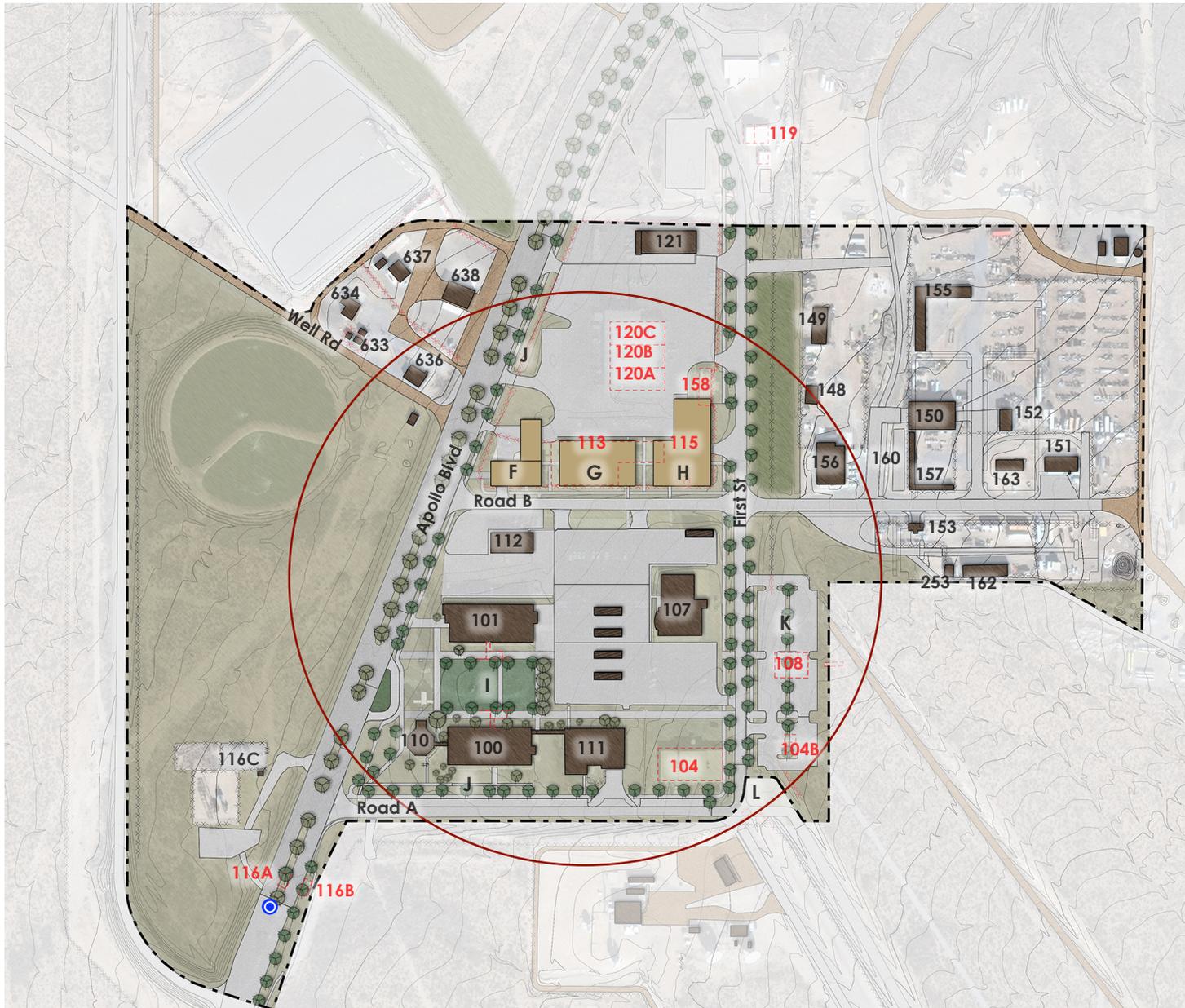
Demolished Buildings: 114, 118

Total Demolished SF: 3,420sf



Note: Construction of greenspace results in demolition of an existing parking lot. Additional spaces are compensated for by repainting other parking lots, for a gain of nearly 50 spaces.

LONG-TERM PLAN (11-20 YEARS)



White Sands Test Facility (WSTF) 100 Area

- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Existing Trees
- Proposed Tree
- 5-Minute Walk
- Access Control Point

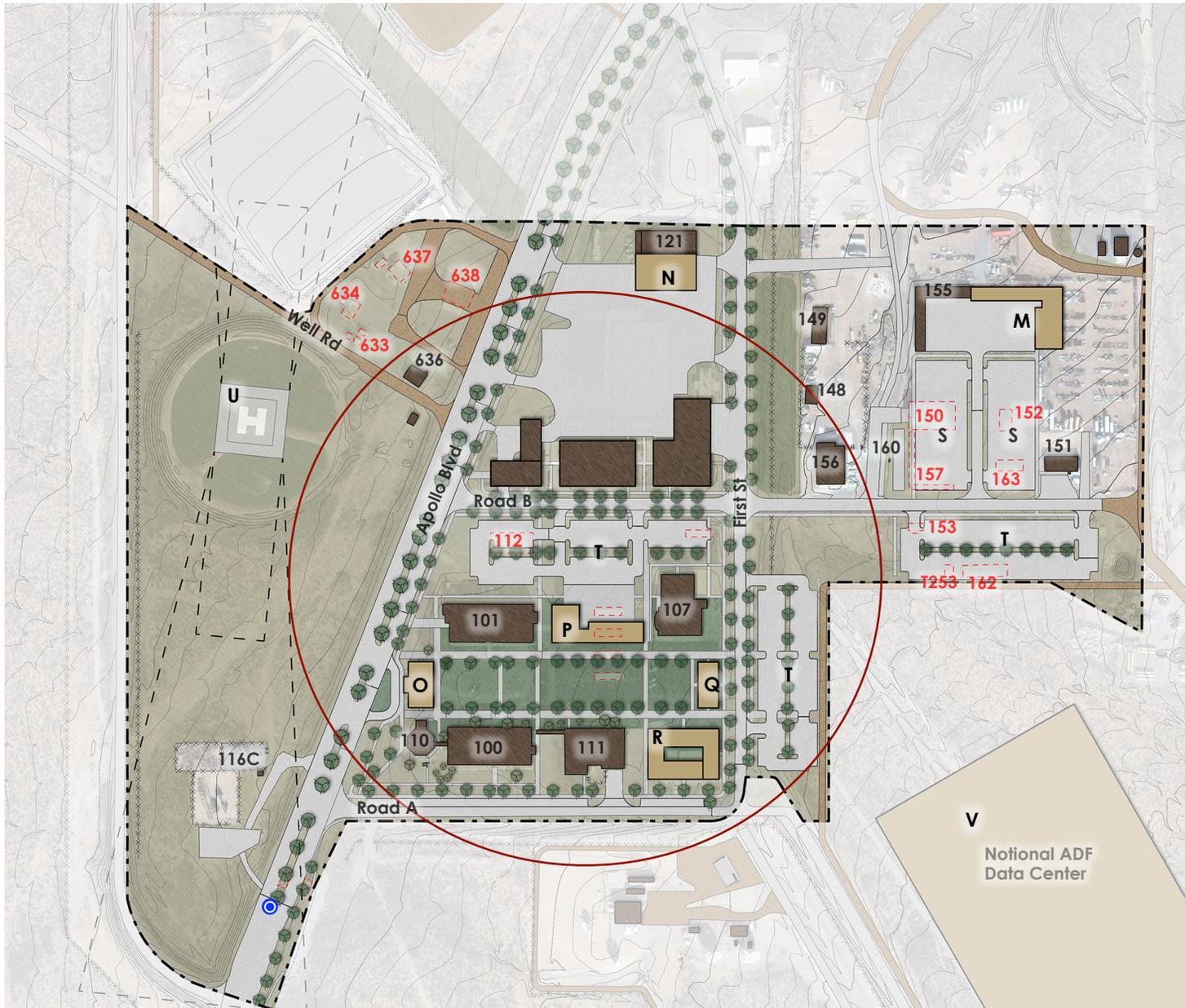
- F Protective Services Consolidation: 8,000sf (2flrs)
- G Warehouse: 16,000sf (1flr)
- H Manufacturing Facility: 19,000sf (1flr)
- I Central Quad
- J Bike Path
- K Expand Parking
- L Intersection Upgrade for Data Center

Demolished Buildings: 104, 104B, 108, 113, 114, 115, 116A, 116B, 118, 119, 120A, 120B, 120C, 158

Total Demolished SF: 16,102sf



CAPACITY PLAN (21+ YEARS)



White Sands Test Facility (WSTF) 100 Area

- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Existing Trees
- Proposed Tree
- 5-Minute Walk
- Access Control Point

- M Recycling Center/Storage: 12,000sf (1flr)
- N O and M Addition: 10,000sf (1flr)
- O Notional Building: 6,000sf (2flrs)
- P Notional Building: 11,000sf (2flrs)
- Q Notional Building: 4,000sf (2flrs)
- R Notional Building: 15,000sf (2flrs)
- S Laydown Yard
- T Expand Parking
- U Notional Helipad
- V Notional ADF Data Center

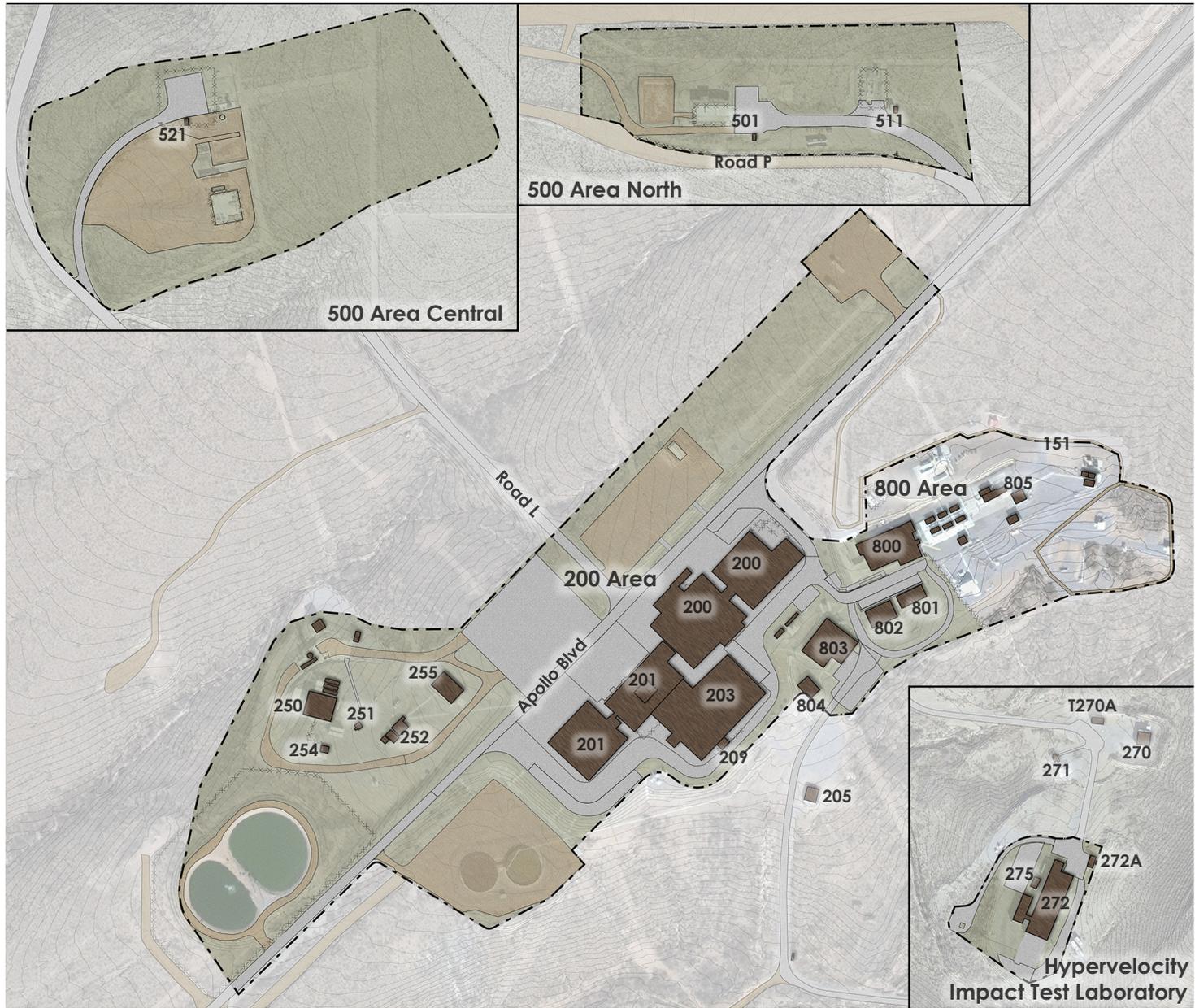
Demolished Buildings: 112, 150, 152, 153, 157, 162, 163, T253, 633, 634, 637, 638

Total Demolished SF: 57,119sf

Note: Notional ADF Data Center is proposed by another Federal Agency and requires further site analysis.

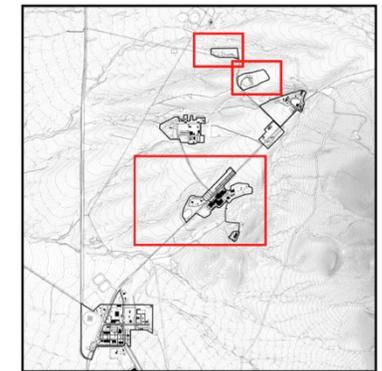


AREA EXISTING CONDITIONS

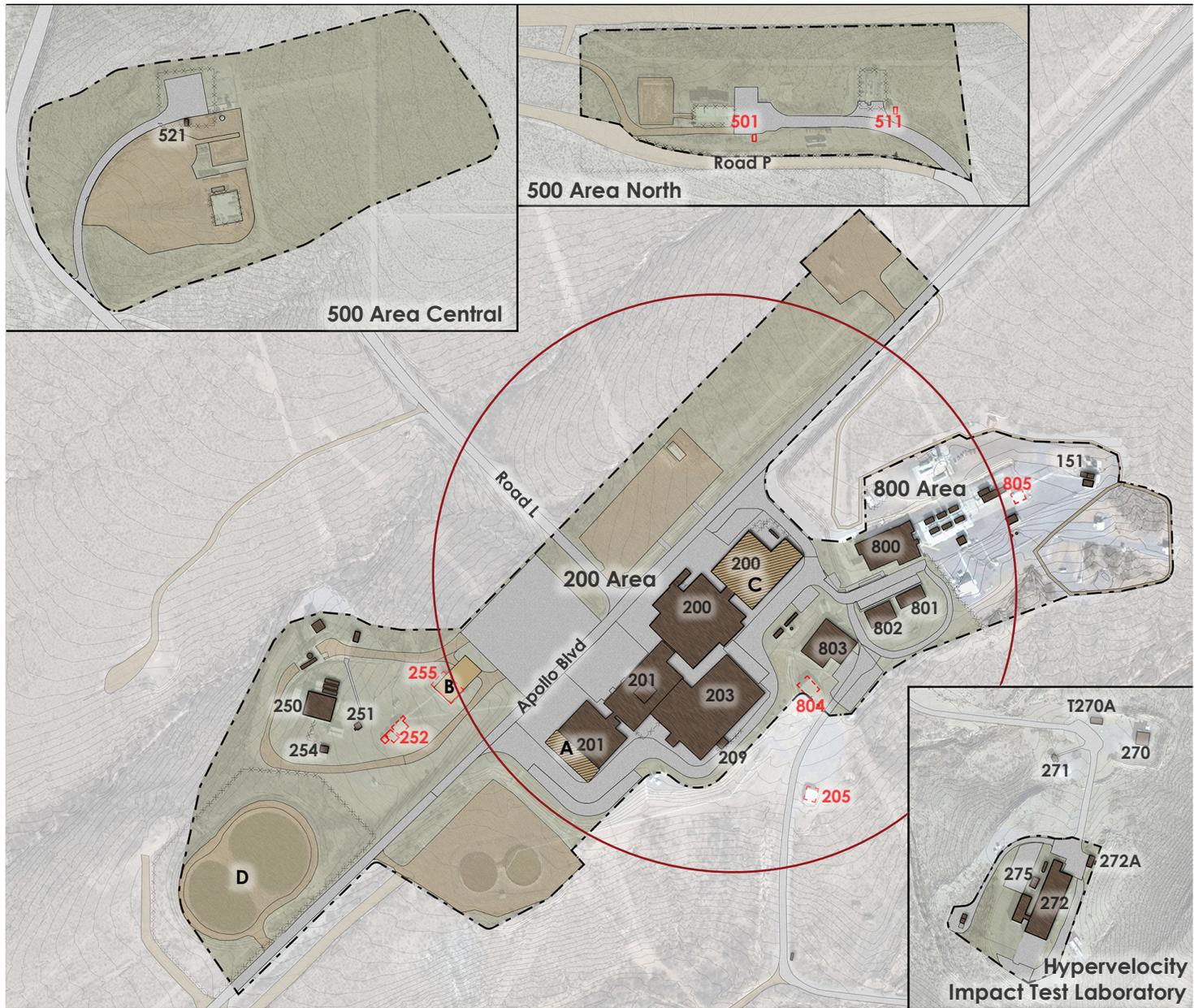


**White Sands Test Facility (WSTF)
200/500/800 Area**

- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- Existing Building
- Pavement
- Dirt Roads
- Natural Open Space



SHORT-TERM PLAN (0-10 YEARS)



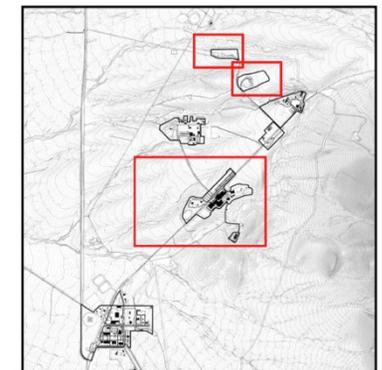
White Sands Test Facility (WSTF) 200/500/800 Area

- Urban Growth Boundary
- Topography 2'
- ⋯ Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- ▨ Renovated Building
- Pavement
- Dirt Road
- Natural Open Space
- 5-Minute Walk

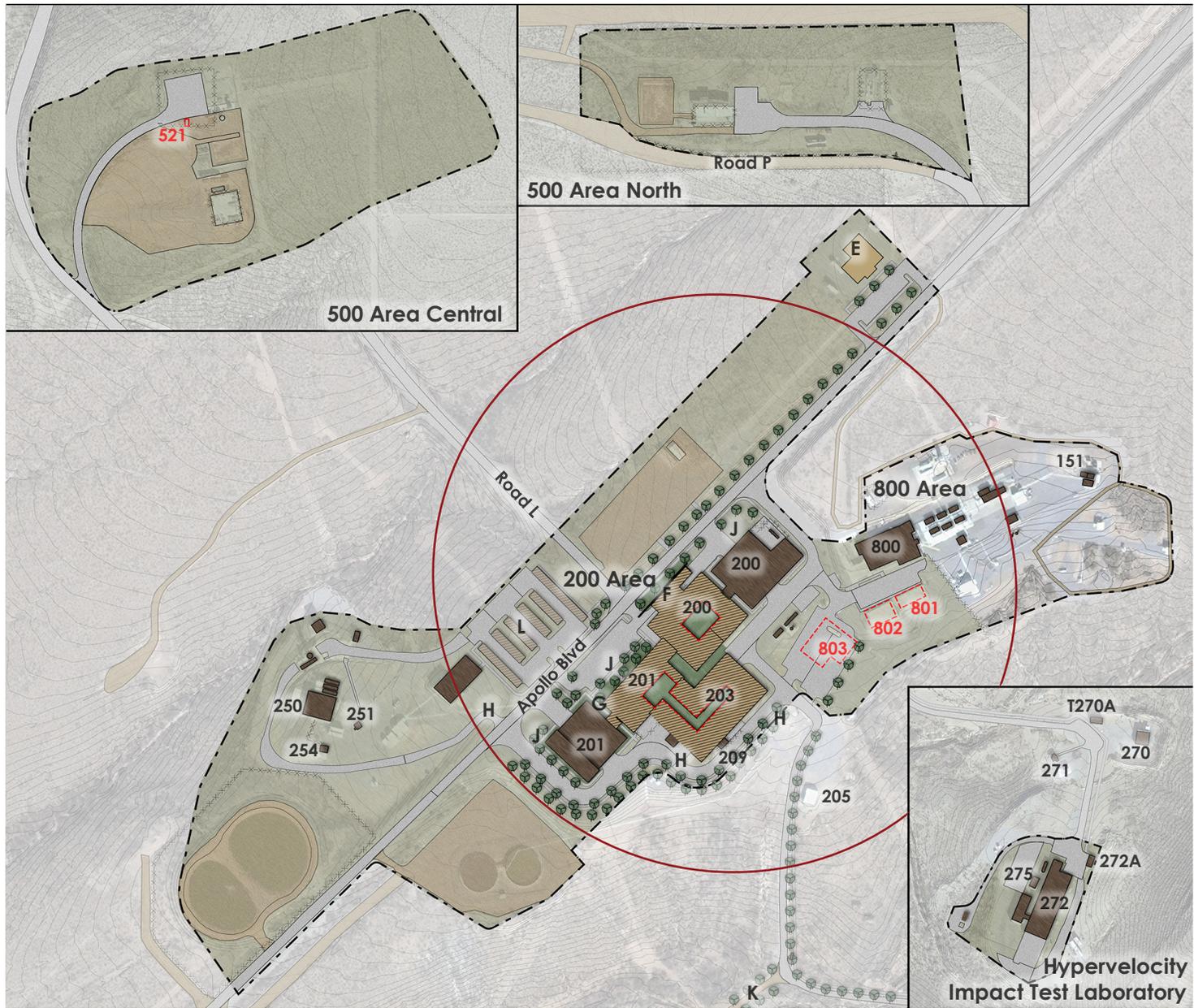
- A Renovate SHB Storage: 4,000sf (1flr)
- B Control Facility: 5,000sf (1flr)
- C NHB Renovation/Demo Mezzanine: 18,000 (1flr)
- D Remove Water Treatment Ponds

Demolished Buildings: 205, 252, 255, 501, 511, 804, 805

Total Demolished SF: 5,583sf



LONG-TERM PLAN (11-20 YEARS)

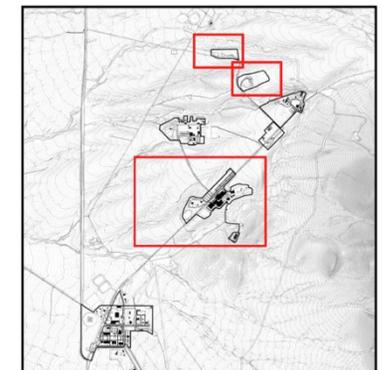


White Sands Test Facility (WSTF) 200/500/800 Area

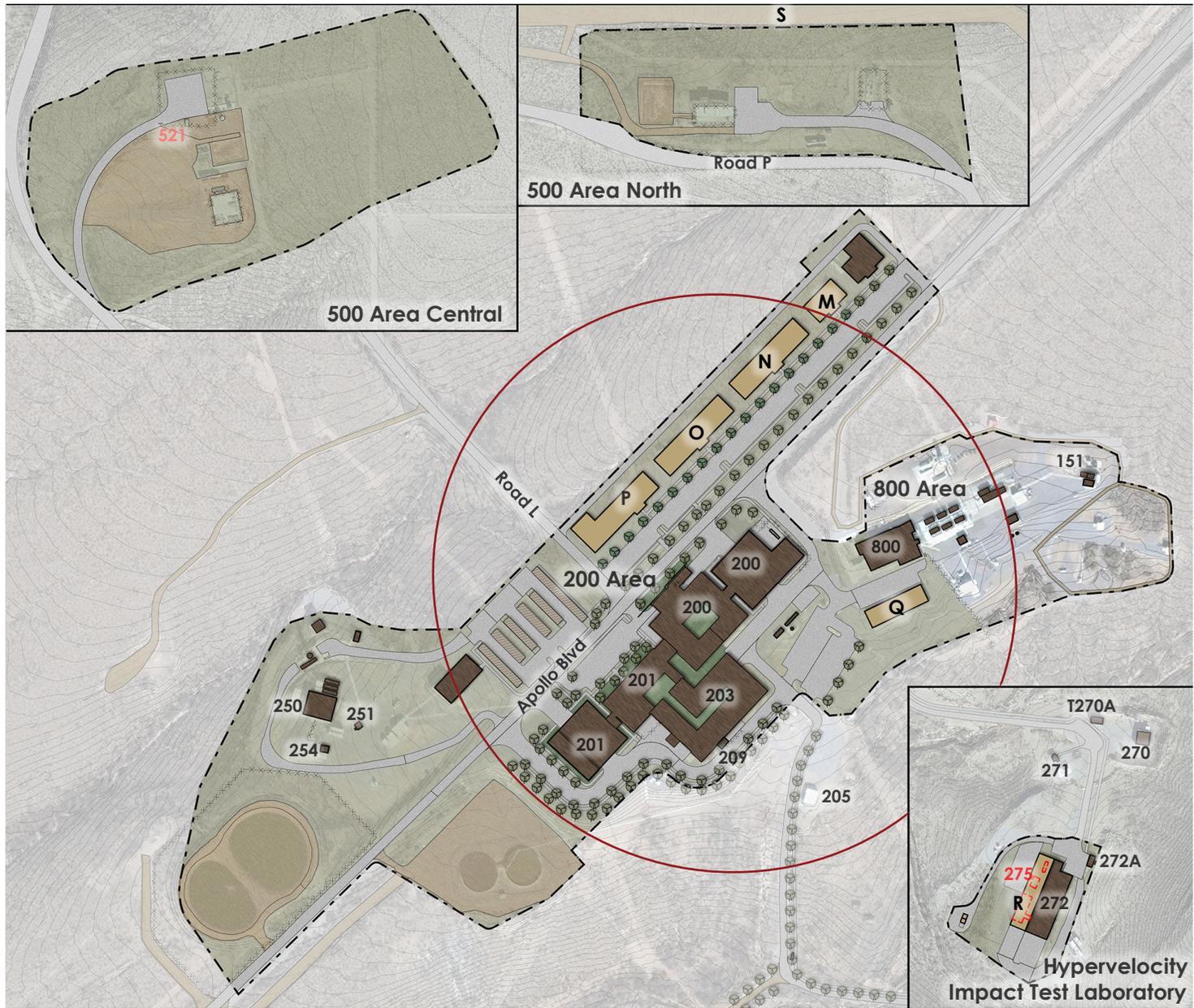
- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- ▨ Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Proposed Tree
- 5-Minute Walk

- E Chemistry Lab: 5,500sf (2flrs)
- F Hydrostat Testing Shade
- G Outdoor Meeting Space
- H Upgraded Street Network
- I Upgrade Entrance and Circulation
- J Safe Pedestrian Access
- K Recreation Trail To 100 Area
- L Solar Panel Covered Parking

Renovated Buildings: 200, 201, 203
Demolished Buildings: 521, 801, 802, 803
Total Demolished SF: 46,068sf



CAPACITY PLAN (21+ YEARS)

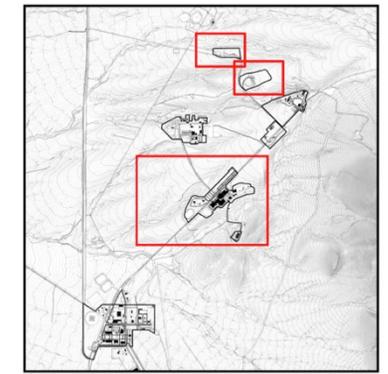


White Sands Test Facility (WSTF) 200/500/800 Area

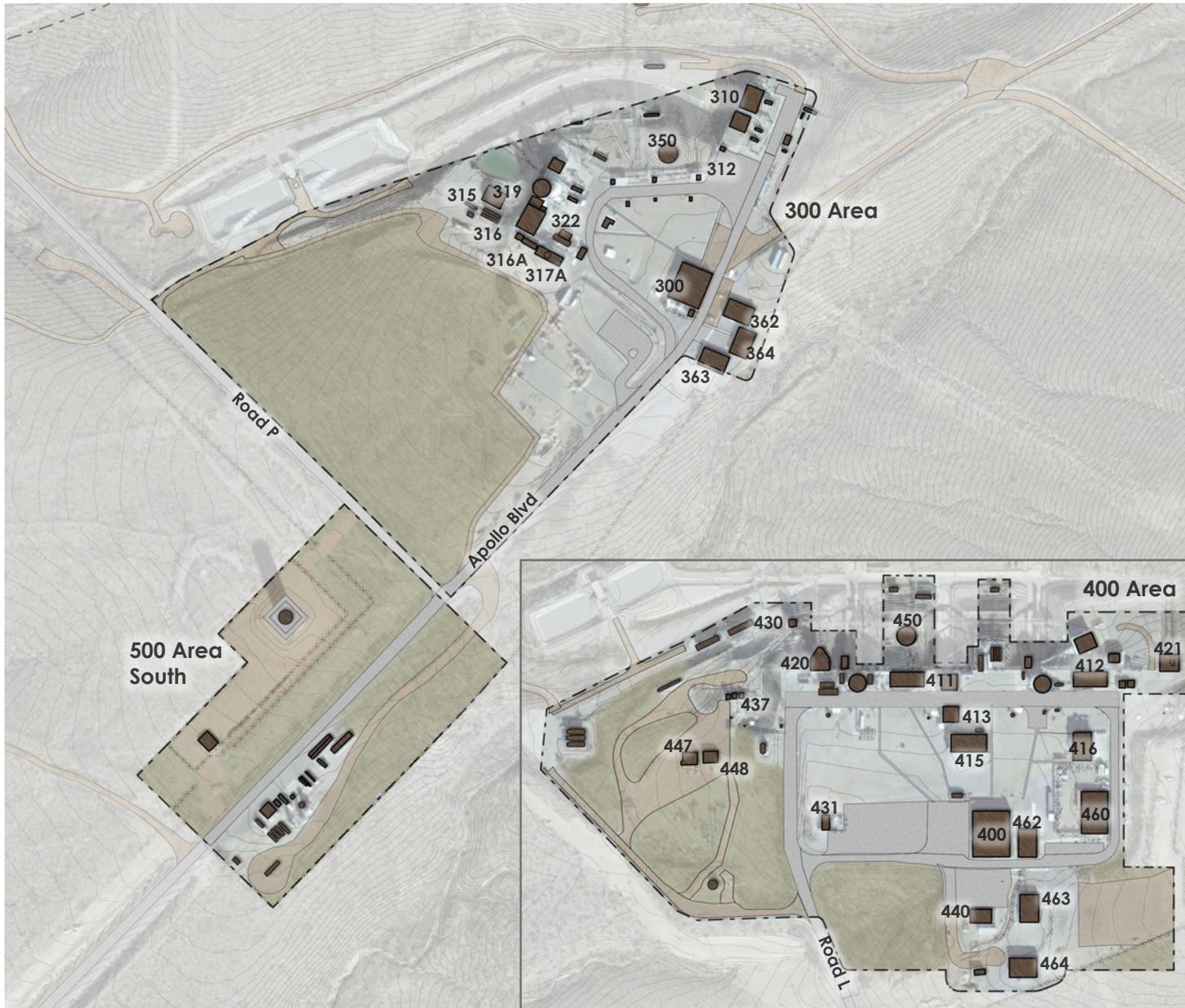
- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Existing Tree
- Proposed Tree
- 5-Minute Walk

- M Notional Facility: 5,000sf (2-4flrs)
- N Notional Facility: 10,000sf (2-4flrs)
- O Notional Facility: 10,000sf (2-4flrs)
- P Notional Facility: 11,000sf (2-4flrs)
- Q Notional Facility: 5,000sf (2-4flrs)
- R Hypervelocity Addition: 6,000sf (1flr)
- S Improve Fire Break Road

Demolished Buildings: 275
Total Demolished SF: 1,468sf

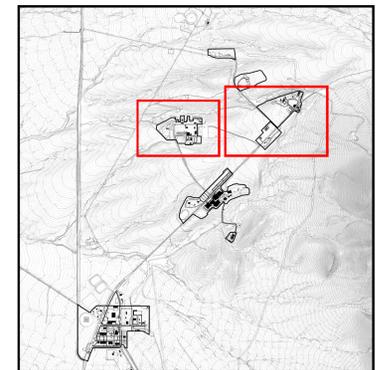


EXISTING CONDITIONS

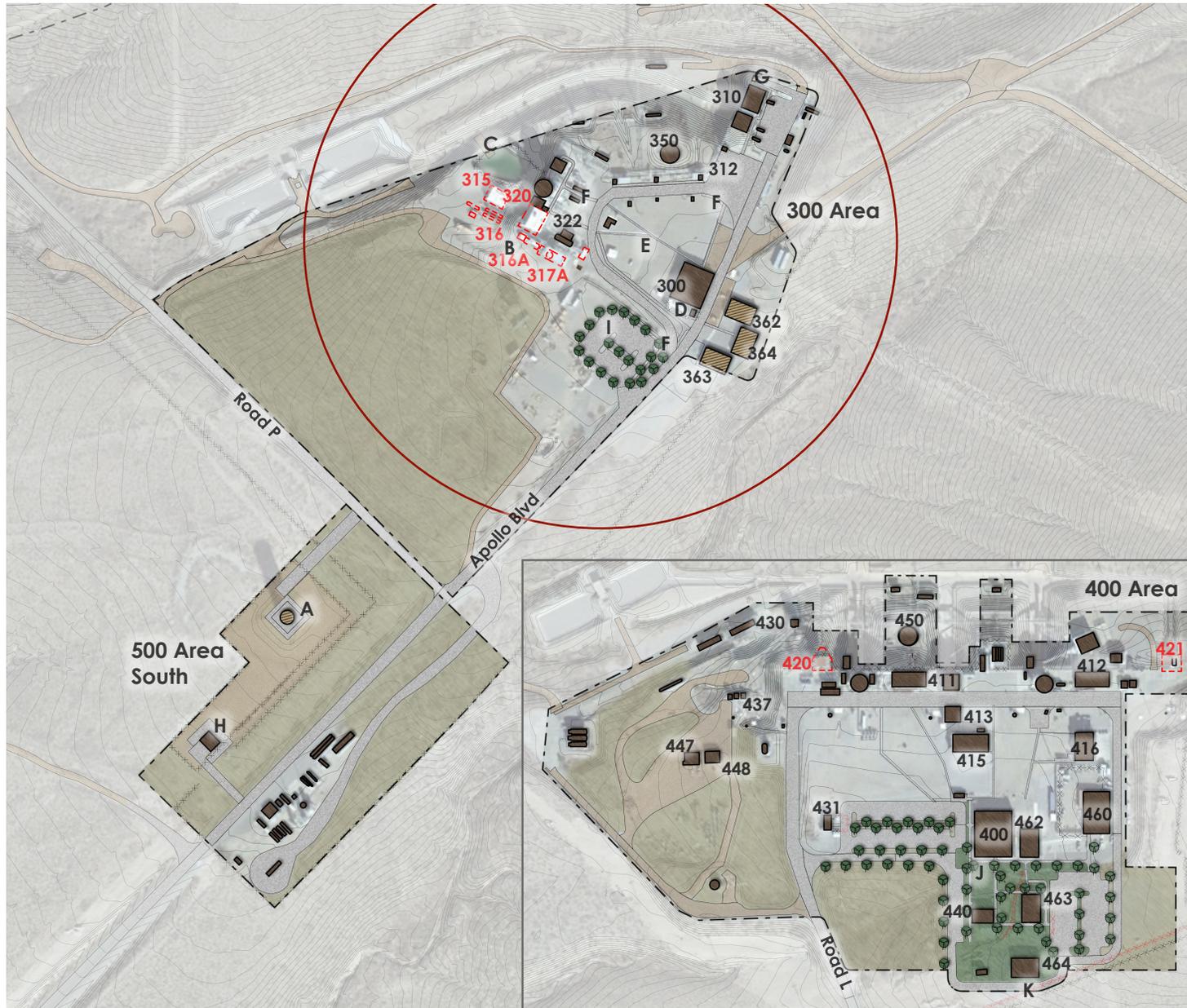


White Sands Test Facility (WSTF) 300/400 Area

- Urban Growth Boundary
- Topography 2'
- ... Existing Fence Line
- Existing Building
- Pavement
- Dirt Roads
- Natural Open Space



SHORT-TERM PLAN (0-10 YEARS)



White Sands Test Facility (WSTF) 300/400 Area

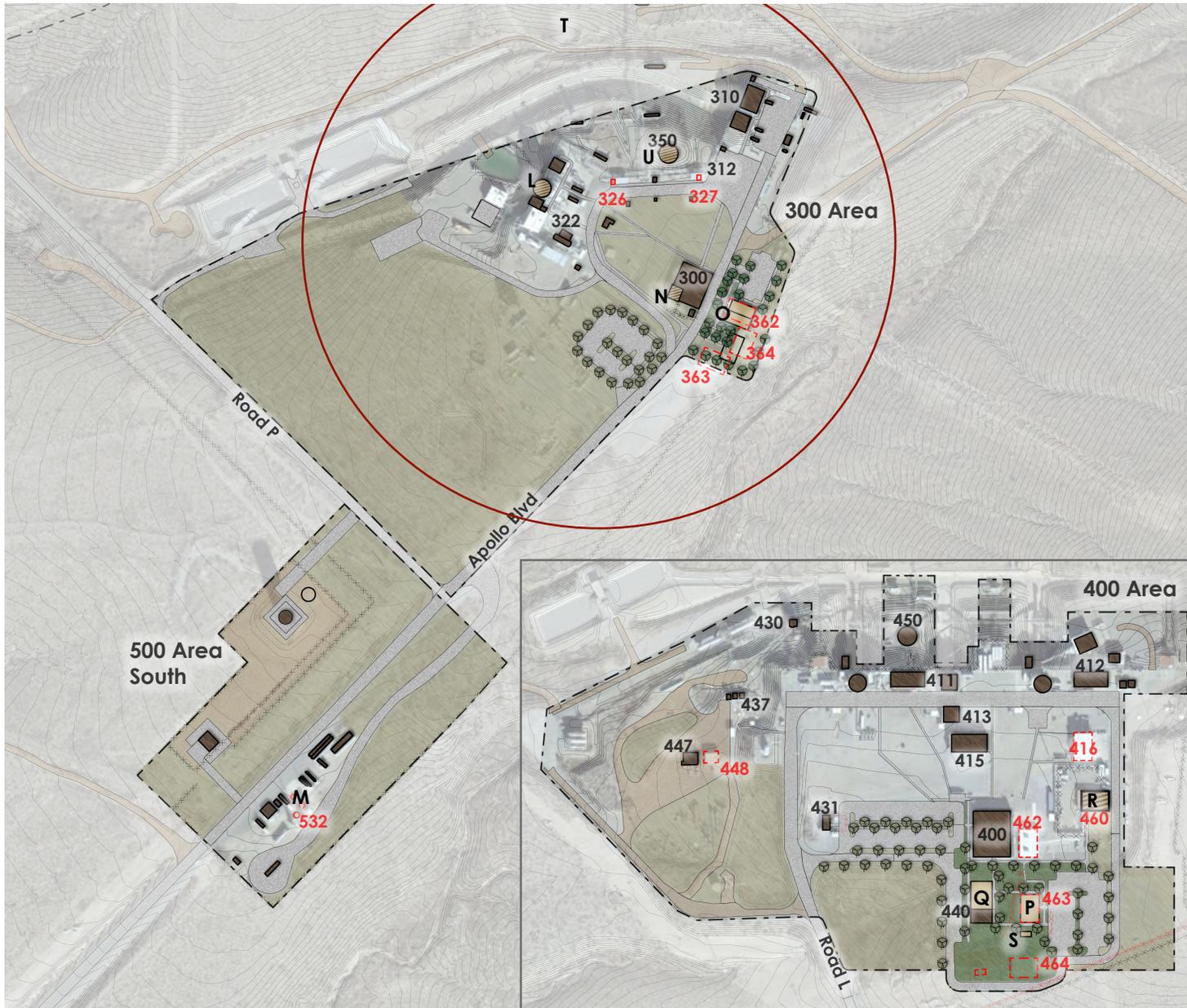
- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Proposed Tree
- 5-Minute Walk

- A Replace Water Tank
- B Control Room: 5,000sf (1flr)
- C Demolish Pond and Open to Flume
- D Mural on Blockhouse
- E Organ Gravel Around Blockhouse
- F Safe Pedestrian Access
- G Test Stand
- H Concrete Fire Break
- I Upgrade/Expand Car Park with Low Impact Development (L.I.D.)
- J Close Blockhouse Rd
- K Vehicle Access at Perimeter

Renovated Buildings: 362, 363, 364, Water Tank
Demolished Buildings: 315, 316, 316A, 317A, 320, 420, 421
Total Demolished SF: 3,353sf



LONG-TERM PLAN (11-20 YEARS)



White Sands Test Facility (WSTF) 300/400 Area

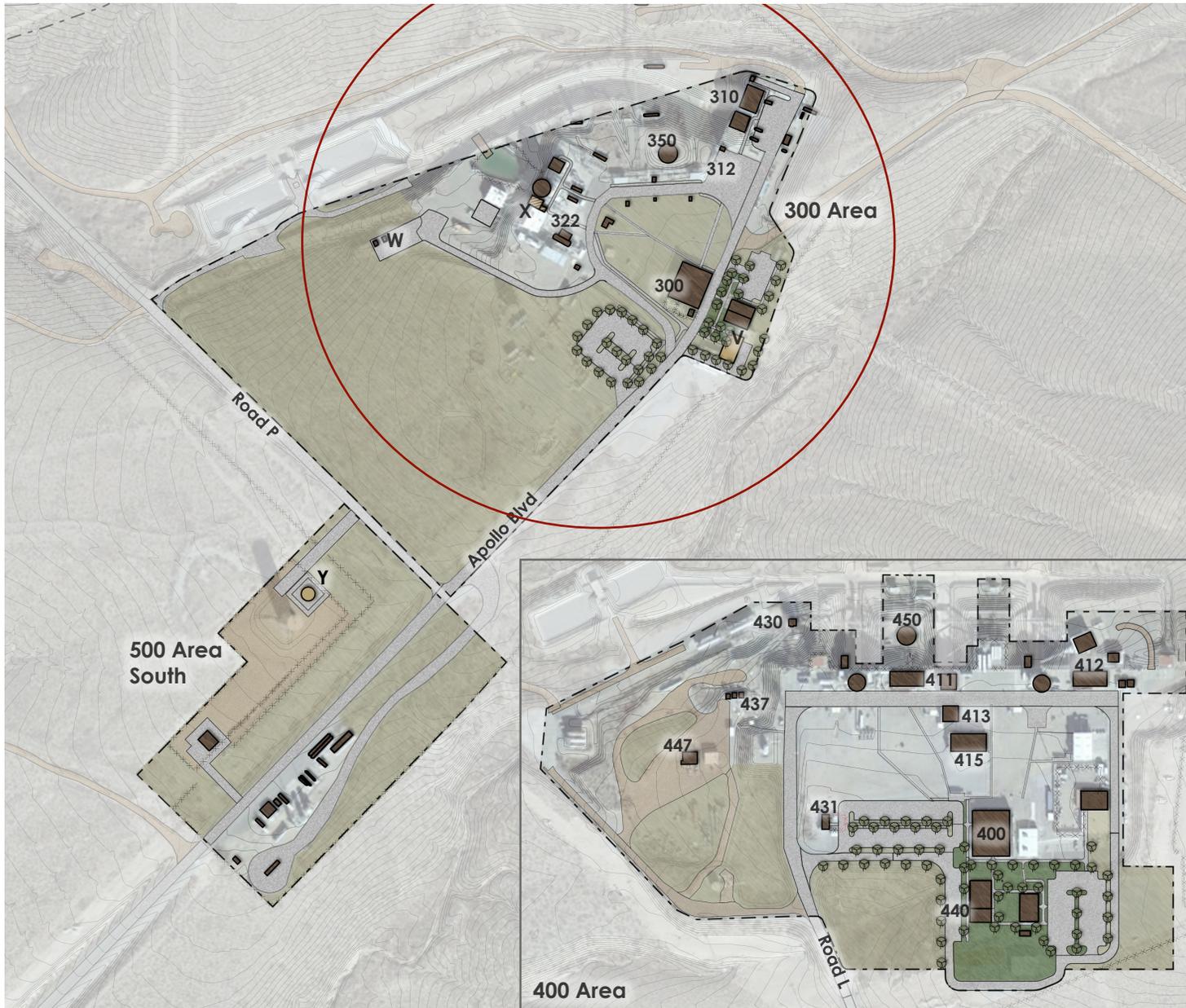
- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Existing Trees
- Proposed Tree
- 5-Minute Walk

- L Repurpose Altitude Stand and Maintain Ambient Testing: 2,000sf (1 flr)
- M Remove Excess Tanks
- N Collaboration Space: 600sf (1 flr)
- O Hoteling Space: 2,500sf (2flrs)
- P Warehouse: 2,000sf (1 flr)
- Q Hoteling/Collaboration Space: 2,500sf (1flrs)
- R Warehouse: 2,500sf (1 flr)
- S Relocate Picnic Shelter
- T Install/Upgrade Security Fence
- U Renovate Engine Test Complex

Renovated Buildings: 300, 350, 360
Demolished Buildings: 319-NA1, 326, 327, 362, 363, 364, 416, 448, 460, 462, 463, 464, 532
Total Demolished SF: 20,287sf



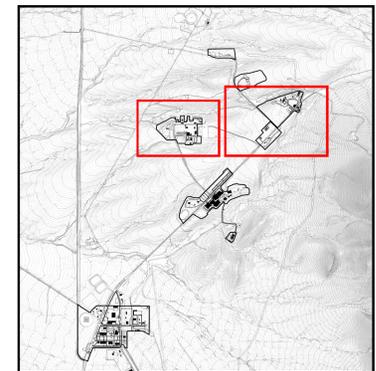
300/400 AREA CAPACITY PLAN (21+ YEARS)



White Sands Test Facility (WSTF) 300/400 Area

- Urban Growth Boundary
- Topography 2'
- - - Existing Fence Line
- - - Demolished Building
- Existing Building
- Proposed Building
- Renovated Building
- Pavement
- Dirt Road
- Quads
- Natural Open Space
- Existing Trees
- Proposed Tree
- 5-Minute Walk

- V Warehouse: 2,000sf (1 flr)
- W Notional Test Stand
- X Renovate Storage and Battery Building: 689sf (1 flr)
- Y Construct New Water Storage Tank



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