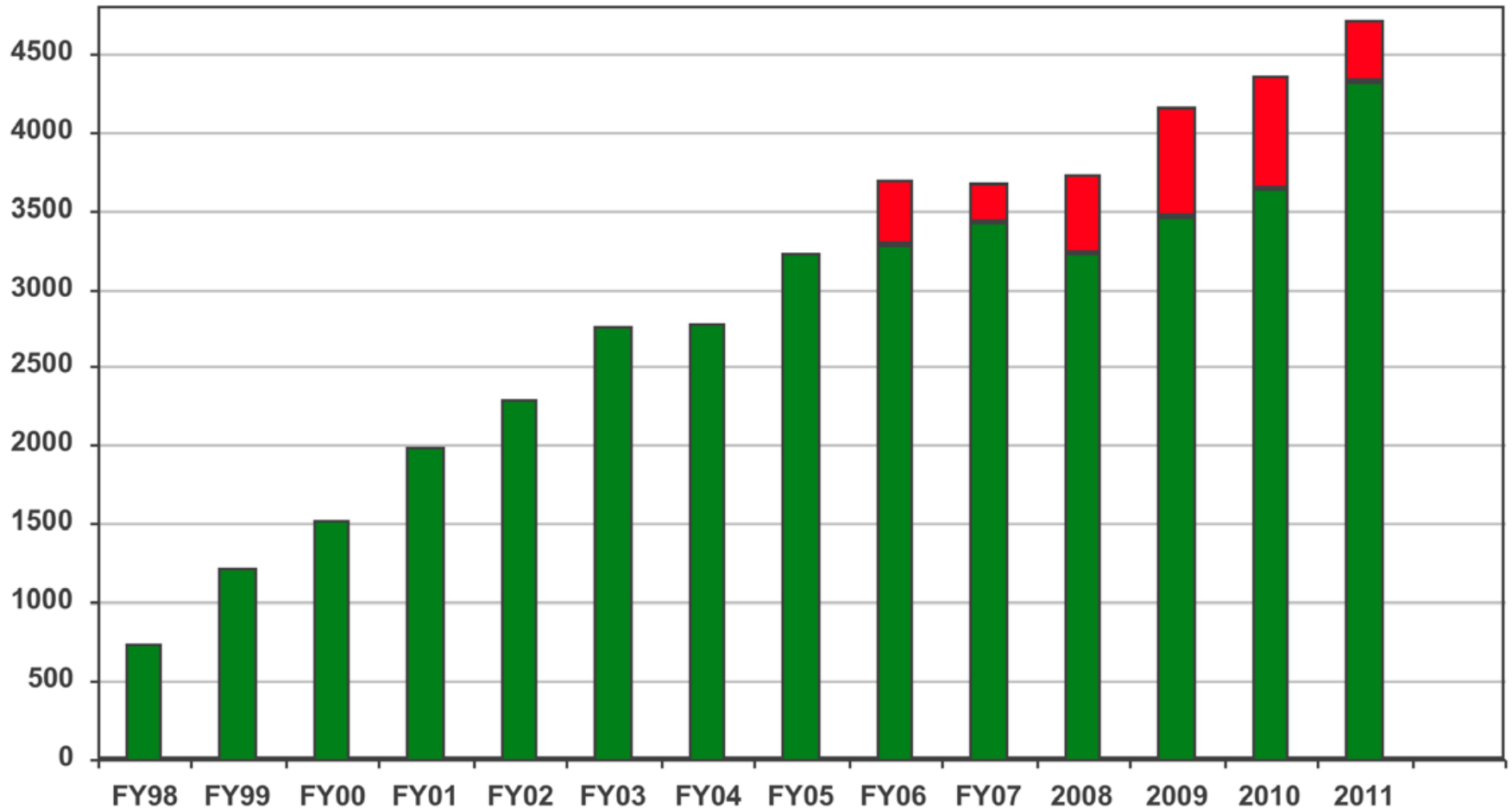


An Assessment of APS Work and Storage Spaces

Chuck Prokuski
AES Division

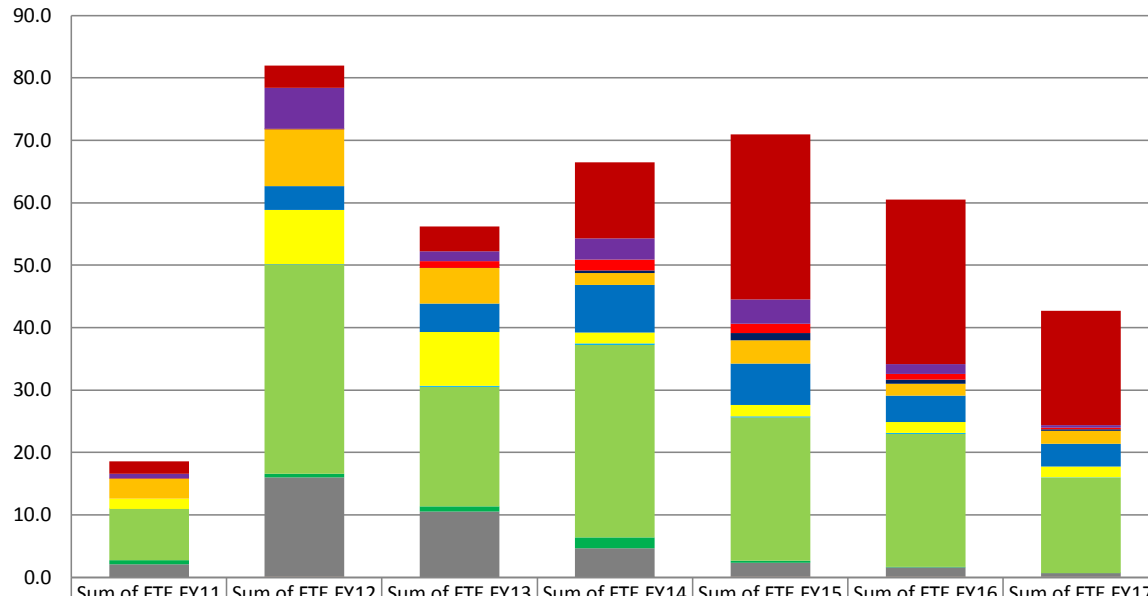
APS/Users Monthly Operations Meeting
November 30, 2011

Number of APS Users Participating in Experiments



Upgrade Project Staffing

APS-U CD-1 Staffing Requirements - WBS Lvl 2 (U1.02-U1.05)



	Sum of FTE FY11	Sum of FTE FY12	Sum of FTE FY13	Sum of FTE FY14	Sum of FTE FY15	Sum of FTE FY16	Sum of FTE FY17
Technician	2.0	3.5	4.0	12.2	26.5	26.4	18.3
Software/Computer Developer	1	7	2	3	4	2	0
Secretarial	0.0	0.1	1.0	1.8	1.5	0.9	0.2
Rigging	0.0	0.0	0.0	0.4	1.1	0.7	0.3
Physicist - Off Proj	3.2	9.1	5.7	2.0	3.7	1.9	2.1
Physicist (Proj Mgr)	0	4	5	8	7	4	4
Physicist	2	9	9	2	2	2	2
Management	0.0	0.1	0.2	0.2	0.2	0.2	0.1
Engineer	8.2	33.5	19.1	30.8	22.9	21.3	15.2
Drafter	0.7	0.6	0.9	1.8	0.3	0.1	0.0
Design Coordinator	2.1	16.0	10.5	4.6	2.3	1.5	0.6
Argonne Shops	0.0	0.1	0.0	0.0	0.1	0.1	0.1



Assessment

- Update the current information.
- Estimate the requirements for the next ten years.
- Investigate potential new spaces.
- Analyze advantages and disadvantages.
- Present options.



Where Is the APS Space Now?

The 400 Area



Where Is the APS Space Now?

The 300 Area

- 335
- 360
- 362
- 364
- 365
- 369
- 378
- 382
- 385



Near and Long Term Needs

- Near Term
 - Immediate need for offices for new staff
 - Work space required for Upgrade R&D
- Long Term
 - Natural growth
 - Upgrade development needs
 - More space required for operations as the Upgrade progressively improves the facility

Building 314 High Bay



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Building 314 Offices



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Trailer Pad for Temporary Office Space



Possible Parking in Old CP-5 Area



Possible Sources of Space

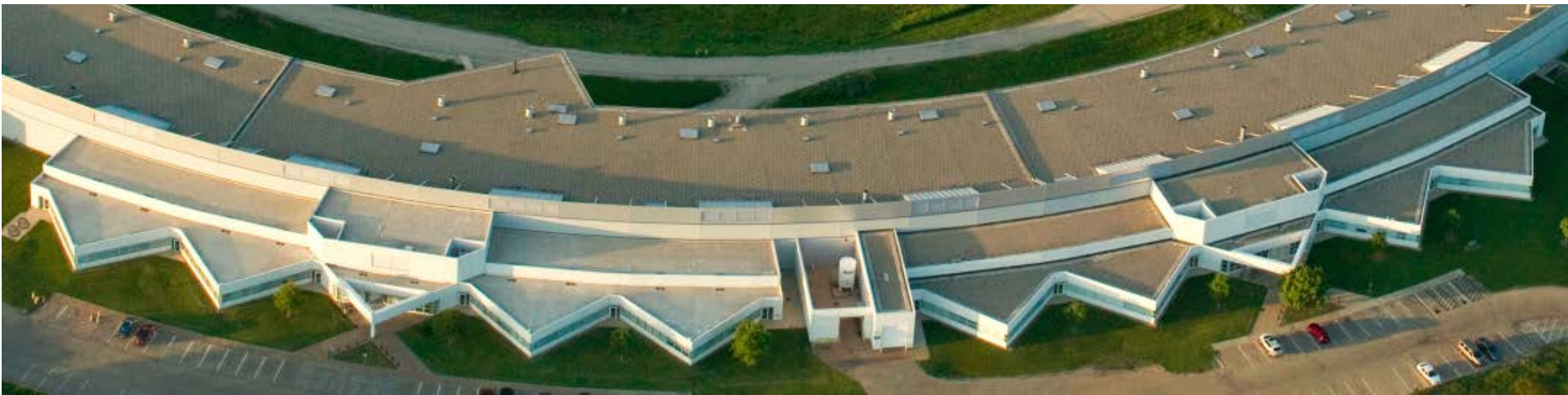
- Consolidate – though not much more consolidation is feasible.
- Discard unnecessary items.
- Build new structures – space available in infield, near Bldg 450.
- Add on to existing structures – LOM buildouts.
- Use other Argonne space on site.
- Use offsite storage.
- Use “Home Depot”-style shelves and decks to utilize the vertical.
- Use unbooked space at the Guesthouse for offices.

- **Be open to creative ideas.**

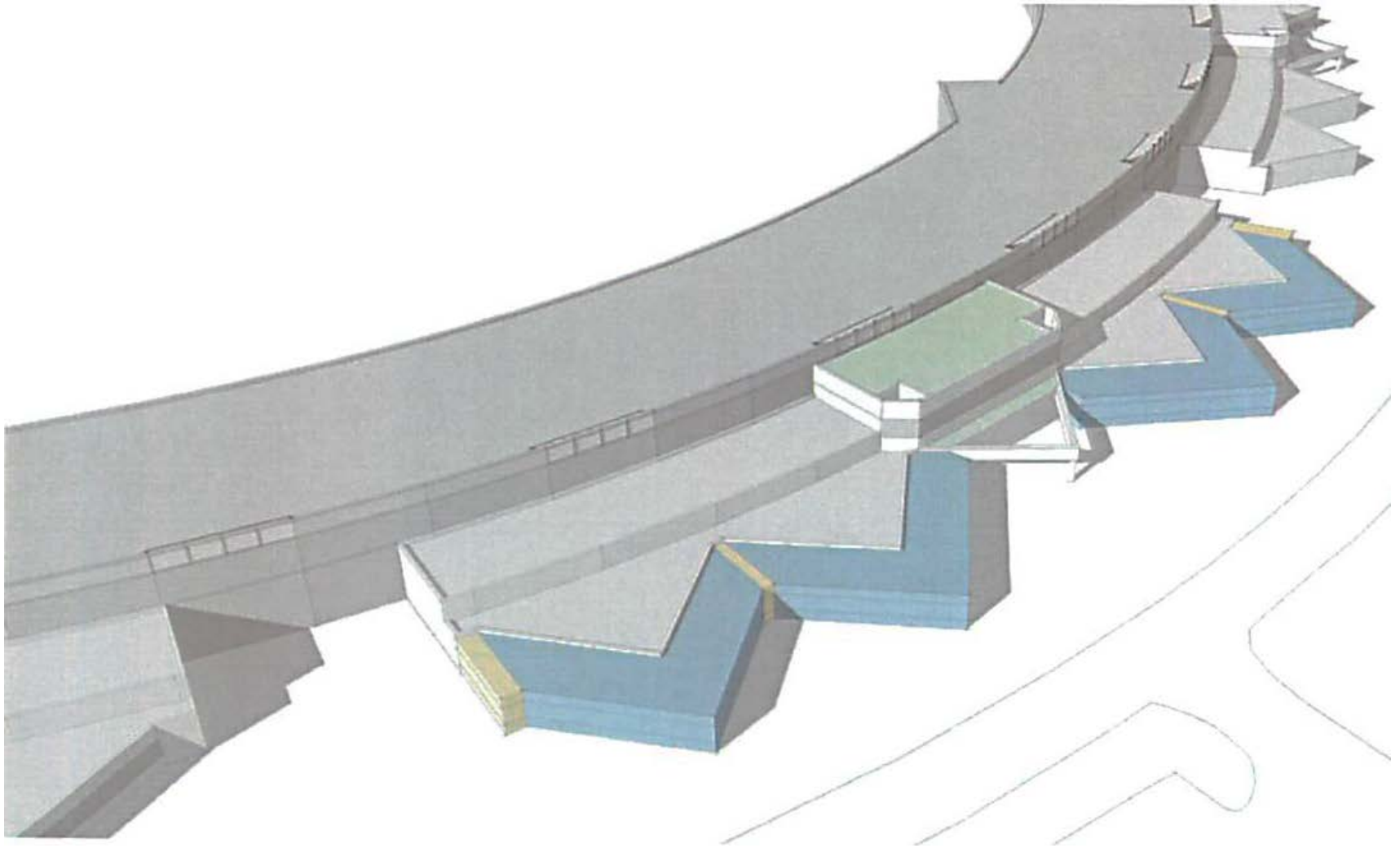


The Architecture of the APS

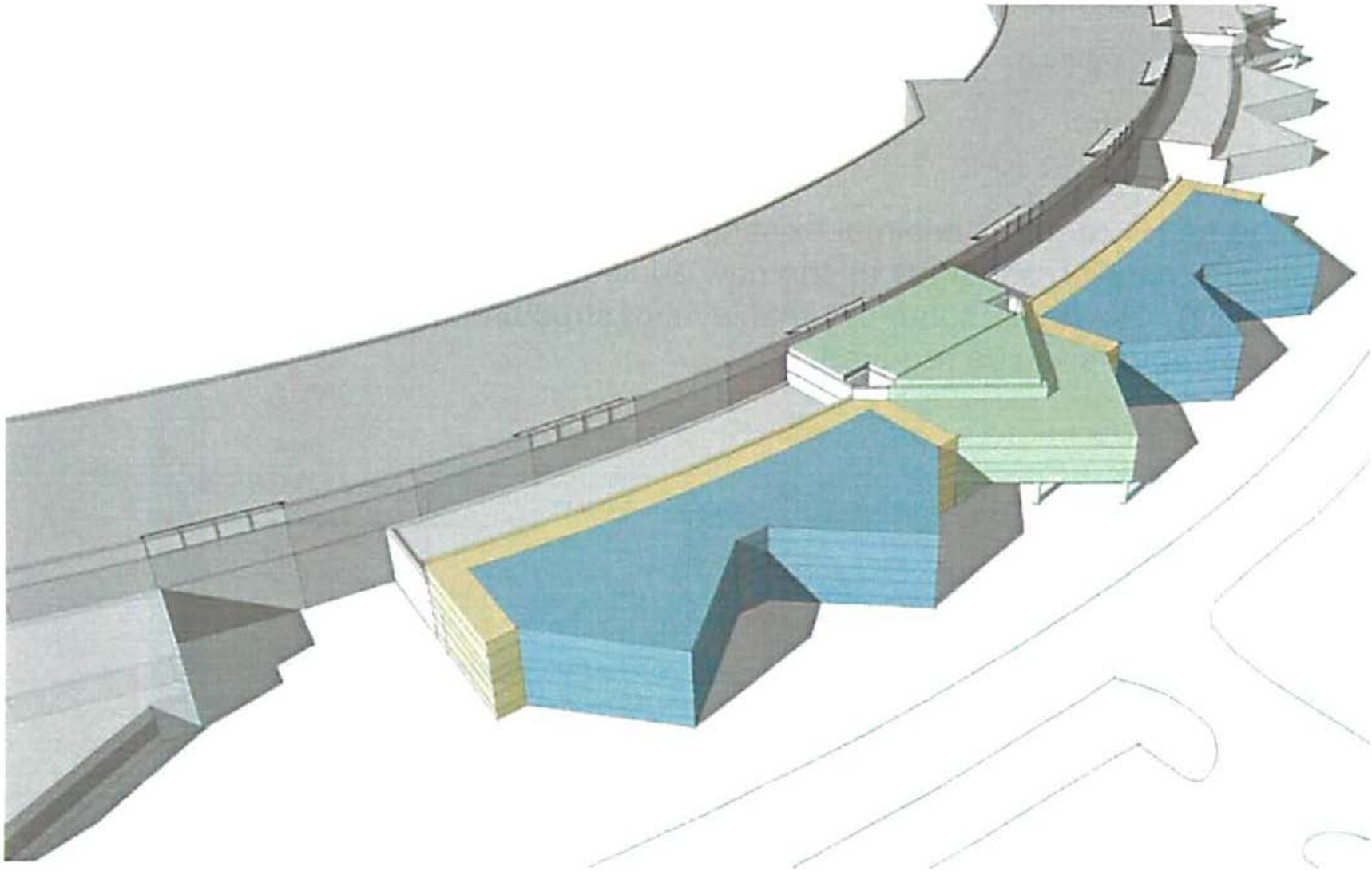
- Distinctive
- Instantly recognizable
- DOE wants us to retain the character of the facility.



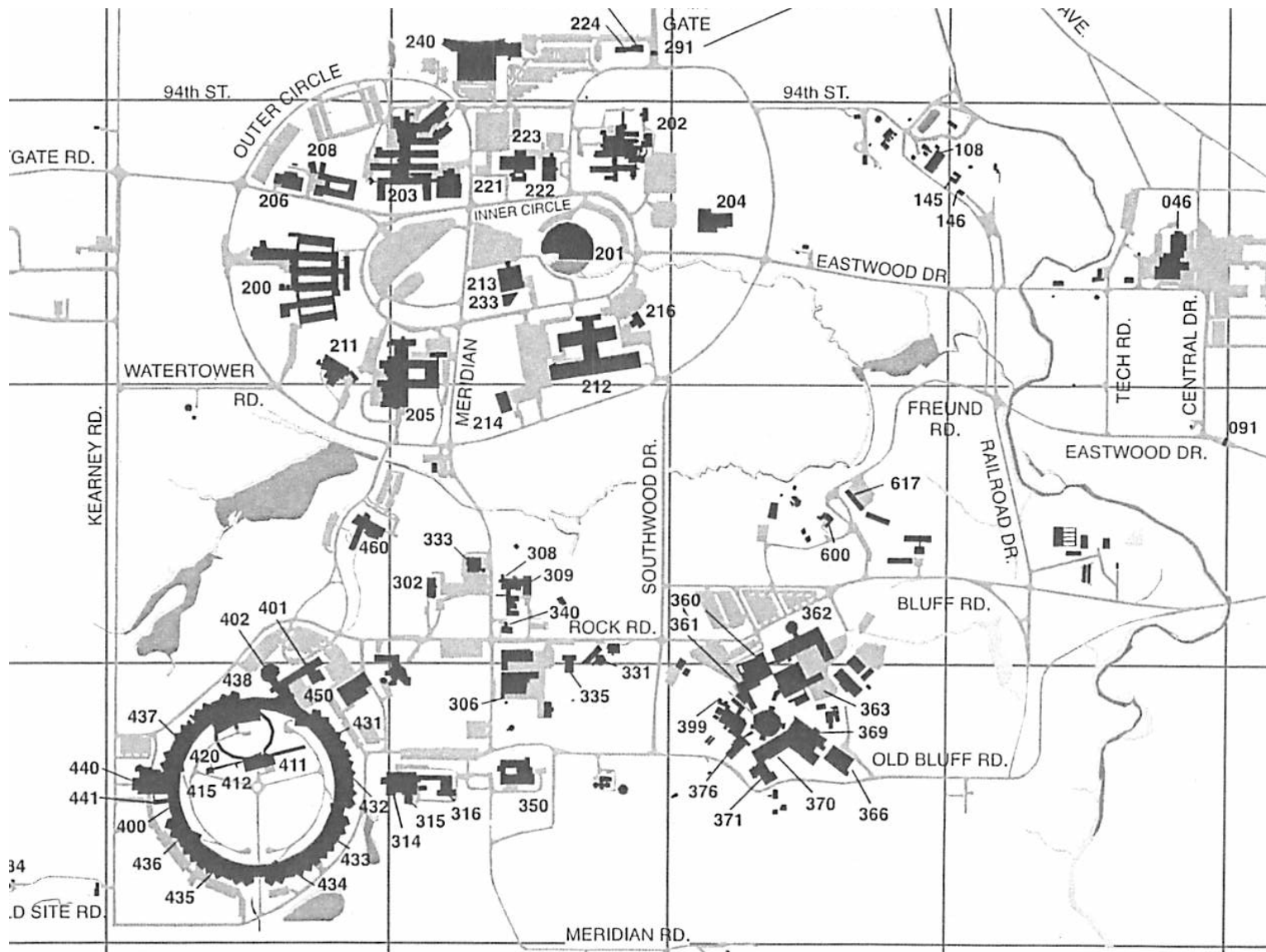
LOM Horizontal Build



LOM Vertical Build



Investigate Other Potential Spaces with FMS



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Summary

- The APS is growing – significant facility space changes are necessary.
- Various options are being examined.
- Management is taking a long term approach.

