

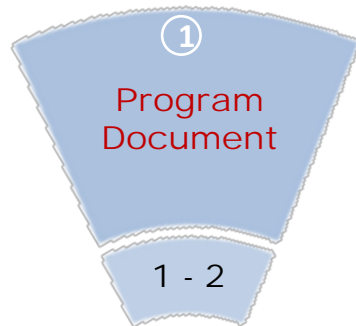
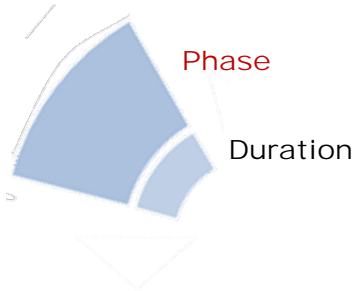
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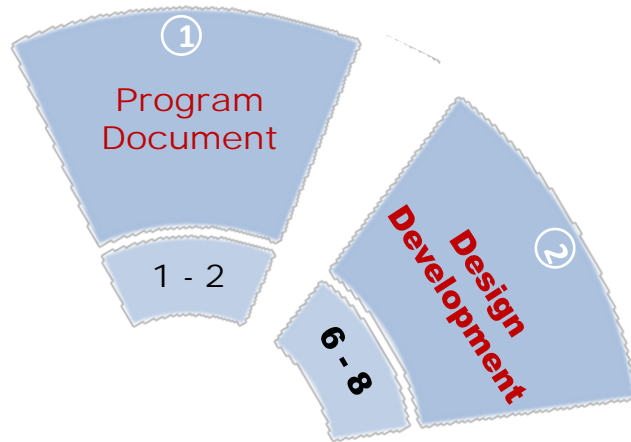
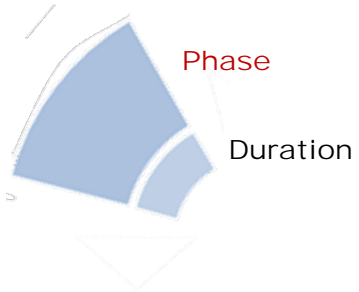
Data Center Project Management

Components of a successful project

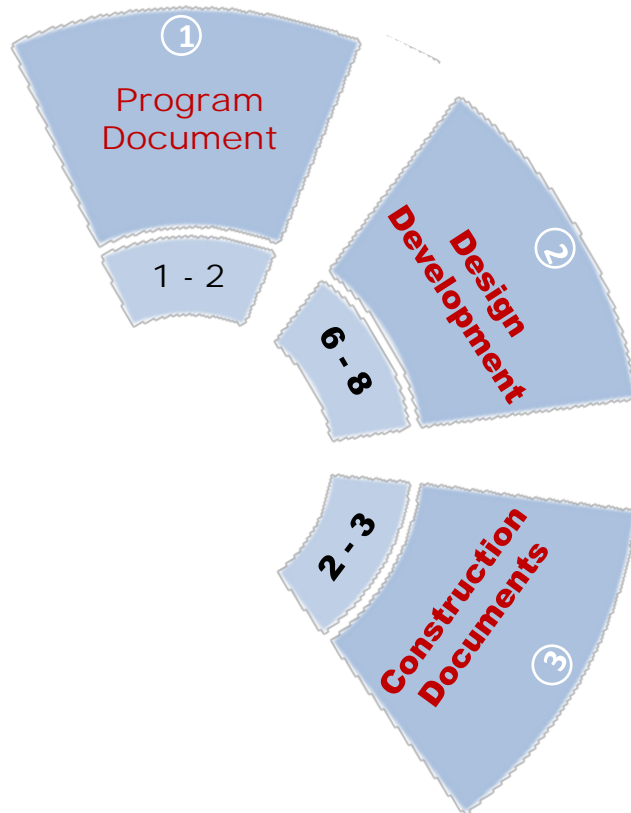
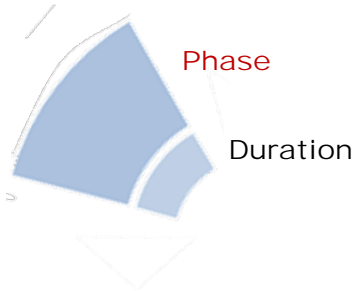
Presented by Erick Baduy



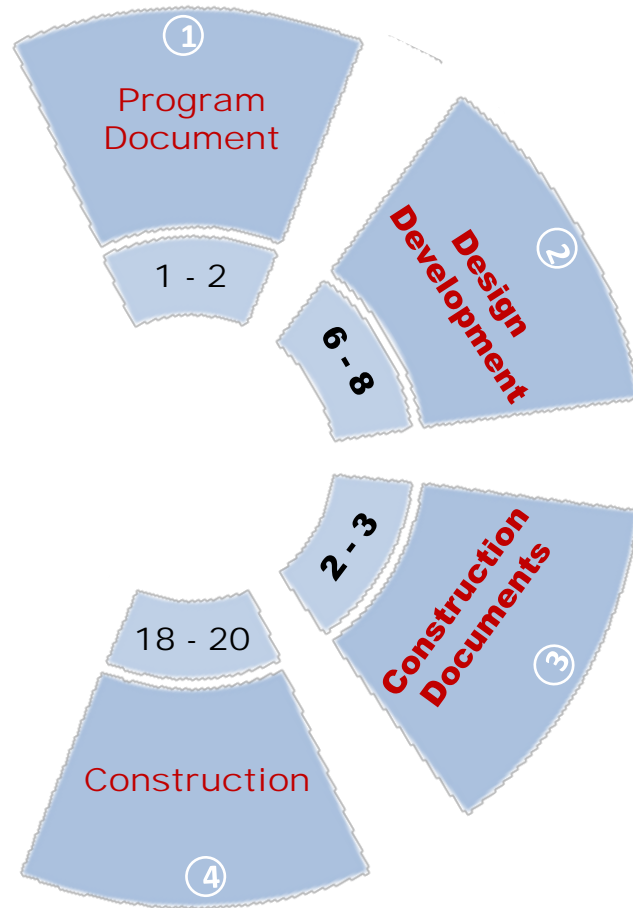
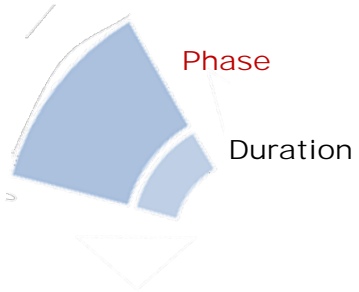
- Understand Site Constraints and local codes
- Define the Business Requirements
- Develop IT Roadmap
- Budgetary Constraints
- TIER Objective
- Phased construction requirements



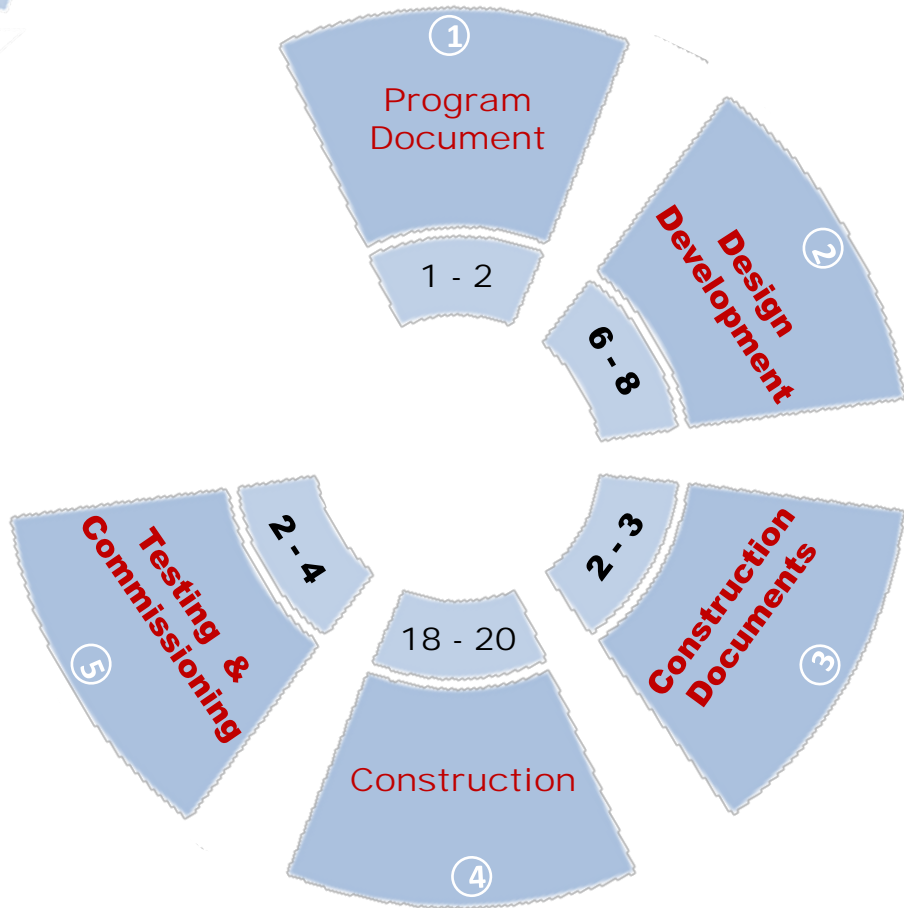
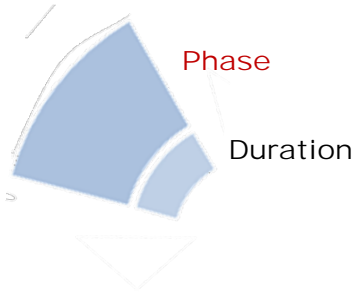
- Follow a Design Phased Approach (Concept, Schematic, Detailed)
- Ensure that all Trades are addressed
(Landscaping, Architecture, Structural, Electrical, Mechanical, Security, Acoustics, Audio Visual, Signage, Health and Safety...)
- Use of Tools
(Building Information Modeling (BIM), Computational Fluid Dynamics (CFD)...))
- Coordination among all trades (DC Program Manager)
- Allocate enough technical resources to review and approve drawings and calculations
- Cost Control Process



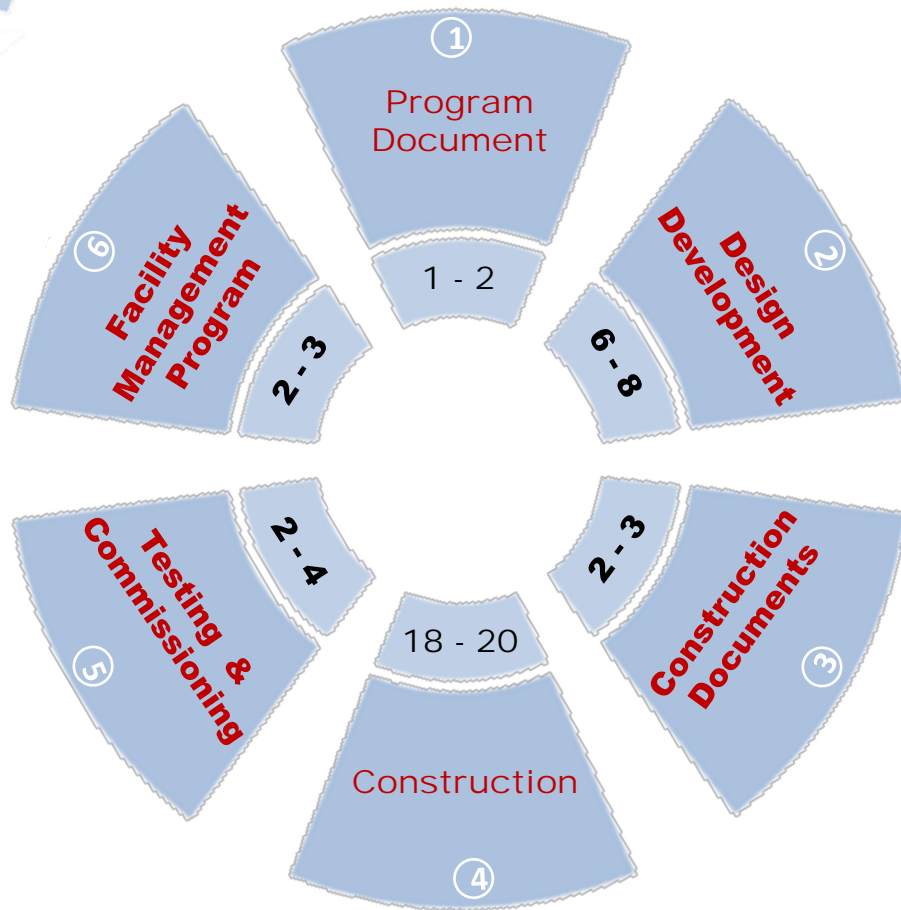
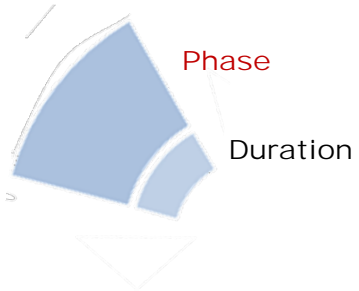
- Vendor Independent specifications
- Detailed RFP
(Bill of Quantities, WBS, requested proposal format for ease of evaluation, Resource Planning, Method of Construction...)
- Contractors selection based on previous experience in similar projects
- Selection of locally supported equipment



- Review and approve submittals
- Review and approve Shop drawings
- Quality Assurance Process
- Procurement of Long Lead Items early in the process
- Periodic Site observations and development of punch list
- Follow-up on non-conforming issues



- Develop Sequence of Operations (SOO)
- Develop Test Scripts
- Attend on-site IST activities



- Facility Management Processes

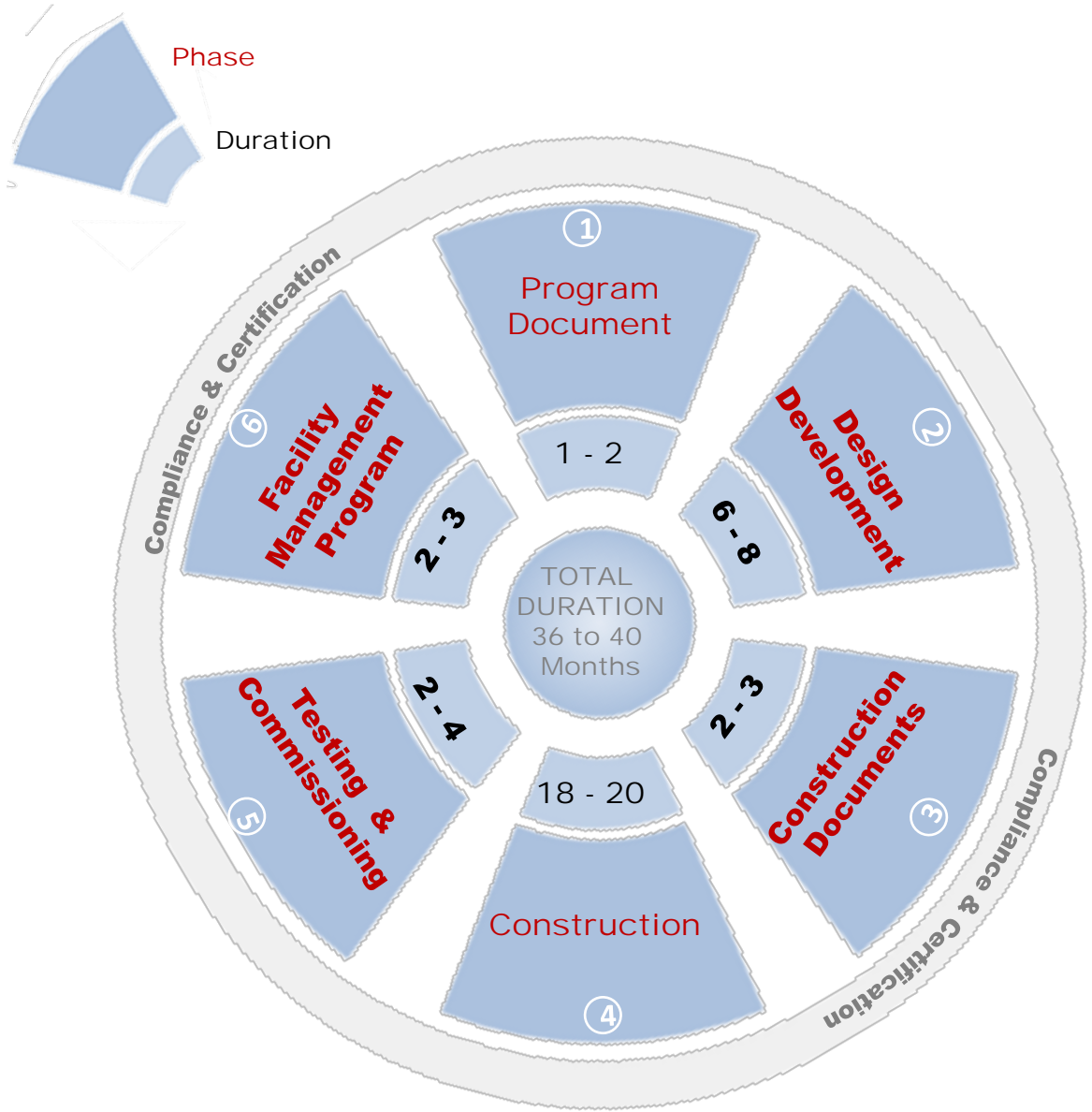
- Floor Management
- Security
- Capacity Management
- Energy Management
- Life Safety

- Policies (Cable Management, Physical Access, Recycling, Document Management...)

- Standard Operating Procedures

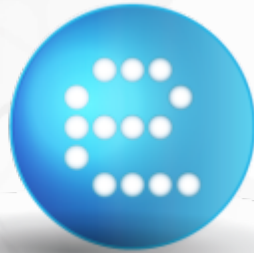
- Emergency Operation Procedures

- Training



Q&A





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