



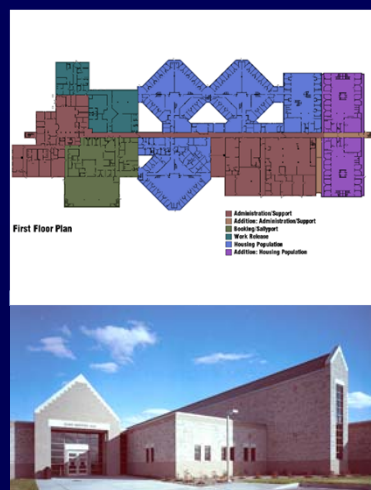
NORTH DAKOTA STATE PENITENTIARY *Correctional Facility Needs*



*Foss Architecture & Interiors/KIMME & Associates
August 21, 2007*



Foss / Kimme since 1998



- The Long term relationships of these two firms and their personnel equals
 - ◆ Stability
 - ◆ Respect
 - ◆ Understanding of roles and responsibilities
 - ◆ Strong Knowledge base
 - ◆ Fresh ideas by challenging the norm





Foss Architecture & Interiors role

- Assist with existing & proposed building and site evaluations.
- Explore available site amenities for each location.
- Helping to develop effective design solutions.
- Assist with Administrative and public space planning.
- Be involved with building aesthetics/public perception.
- Evaluate demolition or possible reuse costs of the existing facility and/or site if not used for correctional purposes.
- Cost estimating from a North Dakota perspective – supports the expertise of a national correctional consultant.
- Help our consultants recognize North Dakota talents and materials for use during construction.

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Other design professionals having input during the predesign phase



- **Ulteig Engineers (ND's Largest)**
 - ◆ Civil & electrical with ND corrections experience
- **Heyer/Loose**
 - ◆ Structural with ND corrections experience
- **Obermiller Nelson Engineering**
 - ◆ Mechanical with ND corrections experience

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K&A Criminal Justice Specialists



- KIMME & Associates, Inc: *Since 1980*
- Services:
 - ◆ Master planning,
 - ◆ Programming,
 - ◆ Design & security specifications,
 - ◆ Staff needs and cost-benefit analysis,
 - ◆ Operational transition.
- Philosophy:
 - ◆ Operations & staffing drive physical plant needs
 - ◆ User involvement is critical
 - ◆ Incremental process
 - ◆ "All costs" evaluation: staff, operations, facilities

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K&A Specialist Team

- **Dennis Kimme, NCARB**
 - ◆ Project Director, planner
- **James Rowenhorst**
 - ◆ Staffing & operations
 - ◆ Trainer, S.D. State Correctional Officers
- **David Bostwick, NCARB**
 - ◆ Facility planning



Rowenhorst



Bostwick

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Pinellas County, FL Master Plan

- Multi-facility campus
- 2,354 existing beds
- Males & females
- Three phase master plan
 - ◆ Phase A:
 - 2,500 beds
 - Food service/laundry
 - Infrastructure
 - ◆ Phase B:
 - 1,250 beds
 - Cell House demolitions
 - ◆ Phase C:
 - 1,250 beds
 - Cell house demolitions
 - Additional parking



- Previously: Space, staff, operational program/cost estimates for:
 - ◆ 798 bed intake center/honor housing (50,000 intakes/year)
 - ◆ 428 bed Health Care Facility



Mecklenburg Co, NC Master Plan

- Update of 1990 Master Plan
- All facilities built from old M.P.
 - ◆ 1900 beds pretrial (downtown)
 - ◆ 600 bed sentenced (remote)
 - ◆ 150 bed work release (downtown)
- Programming for all facilities
- House Federal Marshall inmates
- House federal ICE inmates
- New M.P.: 7,600 beds, 2030
- Fourth site being studied
- Space needs, inmate classification, and cost-benefit studied.
- Transition & Staff training provided.
- Innovation: "Dry" single cells in direct supervision setting





Waukesha Co, WI Master Plan

- Master Plan for multi-phased addition-renovation project
- Phase 1:
 - ◆ 252 bed addition
 - ◆ Special needs, maximum custody
 - ◆ New video visiting center
 - ◆ New clinic and health care pod
 - ◆ Road re-routing, parking
 - ◆ \$500 K Utility re-location
- Phase 2:
 - ◆ Secure courts tower
 - ◆ Secure court holding
 - ◆ 8 courtrooms
- Phase 3:
 - ◆ 224 beds
 - ◆ Direct supervision housing



St. Charles Co, MO Renovation

- Expansion of existing 324 bed facility.
- Added 134 beds into previously unsecured office space
- Medium-maximum security beds
- Custom designed steel cell modules
- Food service and program support expansion
- Master plan for 400 additional beds





Will County, IL Master Plan

- Planning & Design of original 318 bed facility in 1987-1990
- First phase expansion:
 - ◆ 570 beds
 - ◆ Renovated/expanded kitchen
 - ◆ Remote video visiting center
 - ◆ New clinic and health care pod
 - ◆ New intake and sally port
- Phase 2: 1,000 beds at remote site
- Medium-maximum security beds



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Evaluation Mission

- New facility at State Penitentiary Site,
- New facility at another Bismarck area site, or
- Remodeling of existing Penitentiary.

- All for a 900 to 1000 inmate population
 - ◆ Male inmates
 - ◆ 80% maximum, 20% medium

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Major Planning Issues

- Inmate Classification & Separation.
 - ◆ Especially special needs: health, age, security
 - ◆ Identify disparate growth rates
- Housing Supervision/Surveillance approach.
- Occupancy Type.
- Staff and cost efficiency
- Source & nature of basic services.
- Education and Rehabilitation
- Type & extent of programs & support.
- Flexibility & Expandability

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Process (with Users/Owners)

- Understand previous work; integrate
- Understand facility(ies)
- Define problems
- Understand mission, goals, future
- Generate concepts
- Evaluate in detail:
 - ◆ *The Qualitative*: Pros/cons
 - ◆ *The Quantitative*: Life Cycle costs
- Recommend a Supportable Plan

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Primary Products

- Master Plan
- Preliminary design & staffing plan
- Cost-benefit analysis
 - ◆ Existing compared to proposed concepts
 - ◆ Staff, operations, physical plant
- Project cost estimate

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Team availability

- Post Selection meeting
 - ◆ Meet the team
 - ◆ Clarify expectations
 - ◆ Contracts
 - ◆ Information gathering begins

⇒ Formal in-depth meeting within 30 days of contract.

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Fees

- \$200,000 professional service
- \$35,000 reimbursable expense
 - ◆ Travel
 - ◆ Lodging
 - ◆ Communications
 - ◆ Submittal reproduction
 - ◆ Presentations
- \$15,000 contingency

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Foss / Kimme give you

- Satisfied repeat clients
- Expertise in
 - ◆ Corrections, along with additional education and medical experience.
- A North Dakota connection with corrections experience, Foss and ND engineers.
- Confident team that will add input and direction to your available experienced staff (facilitators).
- Communicators
 - ◆ From a 30 year dream to a realistic penitentiary predesign for North Dakota.

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Foss / Kimme

**An innovative team that has the
resources, talent and ability to take
you from predesign all the way to
post occupancy.**

