Minnesota State Capitol Design Development #2 Design Character

July 31 & August 1, 2013
Design Development Meeting #2
Design Character
July 30, 2013
Agenda

8:30 Introduction
8:45 Terrace Level Public Spaces
10:30 New Dining Areas
11:30 Rathskellar Changes

12:30 Lunch Break

1:30 Team Communication Protocol
2:30 New Stairs
3:30 New Restrooms
4:30 Elevators
5:00 Summary
Design Development Meeting #1
Design Character
August 1, 2013
Agenda

8:30 Confirmation of Scope of Work in Zone 1 Spaces
  • Lighting
  • Paint
  • Stone Cleaning
  • Media Services
  • Acoustics

11:30 Lunch Break

12:30 Budget Reconciliation Meeting
1:30 Team meeting
**Design Development Process**

**Schedule:**
July 2013 – November 15, 2013

**Design Review/Progress Meetings**

**Design Team Working Sessions**

**Design Review/Progress Meetings**
**Purpose:**
For Core Team/Owner Review and Confirmation of Scope

**Design Team Working Meetings**
**Purpose:**
For Design Team to Develop Design prior to Progress Meetings
Design Development Process

Design Review Topics

Meeting #1: Design Character - July 31 & August 1
Terrace Level, Restrooms, Dining Areas, Stairs, Elevators,
Confirmation of Zone 1 Scope of Work

Meeting #2: Systems – August 21 & 22
Mechanical, Electrical, Plumbing, Structural, Roofing, B3

Meeting #3: Meeting Rooms – September 11 & 12
Hearing Rooms, Committee Rooms, Office Spaces. Telecom & AV

Meeting #4: Chambers – October 9 & 10
Senate, House, Supreme Court, Governor’s Reception Room

Meeting #5: Public Spaces – October 30 & 31
MHS, Corridors, Rotunda, Wayfinding & Signage,
Doors/Hardware, Specifications, Site Work

Meeting #6a: November 6 & 7
Tentative / Remaining Topics As Needed

DD Review Meeting: November 19 - 21
Design Development Process

Design Team Working Sessions

Design Session #1: Design Character – July 30 at HGA
Terrace Level, Restrooms, Dining Areas, Stairs, Elevators,
Confirmation of Zone 1 Scope of Work

Design Session #2: Systems – August 19 & 20 at HGA
Mechanical, Electrical, Plumbing, Structural, Roofing, B3

Design Session #3: Meeting Rooms – August 27 & 28 at SCA (Ohio)
Hearing Rooms, Committee Rooms, Office Spaces. Telecom
& Audio/Visual

Design Session #4: Lighting – September 17 & 18 at HGA
Senate, House, Supreme Court, Governor’s Reception Room

Design Session #5: Chambers – September 24 & 25 at HGA
Senate, House, Supreme Court, Governor’s Reception Room

Design Session #6: Public Spaces – October 22 & 23 via Web Ex(?)
MHS, Corridors, Rotunda, Wayfinding & Signage,
Doors/Hardware, Specifications, Site Work
Design Character Topics:

• Terrace Level Public Spaces
• New Dining Areas
• Rathskeller Changes
• New Restrooms
• News Stairs
• Elevators
• Scope of Work in Zone 1 Spaces
Basement Public Spaces
Public Corridors, Dining Areas, etc.
Existing Conditions – Public Circulation
Enlarged Public Circulation Space
Terrace Level Materials
Painted Concrete base – color to match slate / porcelain tile floor color.
Expanded Dining Areas
Expanded Dining Areas – Ceiling Finishes
Governor’s Dining Historic Photo
Governor’s Dining Room

• Remove existing wood paneling and restore the plaster
• Remove existing 12”x12” ceiling tiles and restore plaster ceiling existing crown mould
• Protect mural
• Restore existing base (replace if missing)
• New flooring – carpet or hard surface
• New historically appropriate lighting
• New mechanical and electrical systems
Justice's Dining – Historic Photo
Justice’s Dining – extensive damage
Supreme Court (Justices’) Dining Room

• Extensive plaster and decorative paint restoration required
• Restore original built-in
• New flooring – carpet or hard surface
• New historically appropriate lighting
• New mechanical and electrical systems
Rathskeller – historic photo and current conditions
Rathskellar Scope of Work:

• All new mechanical and electrical systems
• Add sprinklers
• Repairs / restoration of the finishes (including plaster and decorative paint) as required to install new systems
• Improve acoustics (we are in the process of hiring an acoustical consultant)
Stairs
A continuation of the existing precedents
Secondary Corridor Stairs – New portions to match original character and details
Concept Sketch for New Terrace Stair
Concept Sketch for New Terrace Stair Option

Typical Stair Details, Per Detail 4, Sheet A500:
- Cast Iron Balusters, Wood Guardrail Grasp
- Wood Handrail, Cast Iron Newel Posts with
  Wood Caps, Decorative Cast Iron Cladding
  Concealing Stair Structural Components,
  Decorative Cast Iron Risers, and Stone Treads.

New Stair Foundation - Remove Existing Slab and Replace with New
Restrooms
Historic Appearance and Contemporary Functionality
Existing / Original Conditions

- Original Tennessee Pink Marble finishes largely remain. These include the wainscot (7'-0" high), stone tile floors (modified in some cases), and toilet partitions.

- Original pole mounted globe light fixtures remain.

- Original wood panel toilet doors have been replaced with replicas and hardware has been upgraded.

- Plumbing fixtures are non-original.

- No original toilet accessories remain (such as soap dishes, towel racks, bent wood oak toilet seats, etc) except for the mirrors.

- Original metal finish used in the restrooms was nickel. Several nickel components remain.
Use and extent of marble
# Fixture Counts

## WATER CLOSETS

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Design Intent and Objectives:

- Improved accessibility for persons with disabilities
  - Required stall dimensions, turning circles, door clearances, counter heights, reach ranges, and other such items will be designed for persons with disabilities
- Salvage, clean, and reuse existing historic components wherever possible, including:
  - Tennessee Pink Marble (to be honed, cleaned, and re-polished)
  - Lighting fixtures
  - Existing stall doors (where possible)
- Improved lighting design
  - Lighting levels will be improved
  - Original light fixtures will be refurbished, cleaned, and reinstalled.
  - New high efficiency lighting fixtures will supplement original light fixtures.
Design Intent and Objectives:

β Improved personal space
  • Larger toilet stall areas

β Improved consistency among finishes
  • New finishes will be consistent with historic finishes to the greatest extent possible, including:
    o Stone finishes to match Tennessee Pink Marble
    o Stained and sealed oak doors
    o Nickel or Nickel plated metal finishes

β Contemporary plumbing fixtures
  • Wall mounted toilets
  • Wall mounted urinals
  • Under-mount sinks

β Contemporary toilet accessories
  • Paper dispensers, soap dispensers, baby changing stations, etc.
  • Accessory mounting will be designed, so that accessories may repaired or replaced with little or no damage to the marble finishes

β Improved air quality
RESTROOM SCHEMATIC DESIGN NOTES:

1. All finishes and materials shall be the same as those used historically. See detail 3/A620.
   a. Floors, wainscot, toilet partitions, and countertops shall all be marble.
   b. Toilet partition doors (not shown) shall be solid wood (oak), with stile/rail/panels similar to those used originally. See detail 3/A620.
   c. Pipes, fittings and decorative lighting fixtures shall be placed at each toilet partition panel as originally designed. See detail 3/A620.
   d. Full length mirror at each restroom sink bank (not shown) shall utilize metal frames.
   e. All metal finishes shall be polished nickel, and plated polished nickel where required.
2. Marble wainscot shall extend 7'-0" A.F.F.
Ground - Third Floor Restroom Finishes:

**Walls:**
- Tennessee Pink marble wainscot 7’-0” high
- Painted gypsum board upper walls

**Floor:**
- Tennessee Pink marble tile/slab flooring

**Ceiling:**
- Painted gypsum board

**Furniture & Accessories:**
- Tennessee Pink marble countertops
- Clear-finish oak toilet stall doors
- Nickel and Nickel plated metal finishes (polished)
- Tennessee Pink marble toilet stalls
Basement Restroom Finishes:

Walls:
- White subway tile wainscot 7’-0” high
- Painted gypsum board upper walls
- Exposed granite foundation walls

Floor:
- Porcelain tile to look like slate

Ceiling:
- Painted exposed structural clay tile vaulting

Furniture & Accessories:
- Black solid-surface countertops to imitate the appearance of soapstone
- Painted wood toilet stall doors
- Nickel and Nickel plated metal finishes (polished)
- Black solid-surface toilet stalls
Elevators
Historically appropriate with modern functionality
Early 1900s elevators
Examples of New Elevators with historically appropriate finishes
Examples of New Elevators with historically appropriate details
Rotunda Elevator Specifications:

• Fast – 500 ft/min.
• Large cabs – 9 ft square
• Wide entry doors
• Durable but appropriate interior finishes
  • Cork or stone floors, TBD
  • Painted wood (to mimic metal panels)
  • Painted tin ceiling
• Ceiling mounted light fixture
• High efficiency – Motor configuration to be determined
Governor’s Elevator Specifications:

• All new shaft

• High efficiency, machine room-less motors

• Etched bronze doors to create a panelized look

• Durable but appropriate interior finishes
  • Carpet floor
  • Oak panels
  • Painted tin ceiling

• Ceiling mounted light fixture
New Service Elevator Specifications:

• Fast – 500 ft/min.
• 5,000 lbs capacity
• Large cab
• High efficiency, machine room-less motors
• Etched bronze doors to create a panelized look
• Durable but appropriate interior finishes
  • Cork or stone floor, TBD
  • Wood and metal grille panels on walls
  • Painted tin ceiling
• Ceiling mounted light fixture
Zone 1 Public Spaces
Defining the Scope of Work
Design Development Meeting #1
Design Character
August 1, 2013
Agenda

8:30 Confirmation of Scope of Work in Zone 1 Spaces
  • Lighting
  • Paint
  • Stone Cleaning
  • Media Services
  • Acoustics

11:30 Lunch Break

12:30 Budget Reconciliation Meeting
1:30 Team meeting
Zone 1 Scope of Work:

• Plaster repair
• Painting and decorative painting
• Stone repair / restoration
• Woodwork restoration
• Hardware
• New signage & wayfinding
• Furniture restoration
• Artwork
• New fire protection (sprinklers and horn strobes)
• Restore and supplement lighting
• New HVAC
• New communications / press connections
Plaster Repair
Decorative Paint:

• Includes painted borders and stencil work that is seen in many of the Zone 1 public corridors

• Some of the areas have been repainted with new decorative paint schemes

• Some areas have been painted over with solid colors

• Previously restored areas may be impacted by installation of new systems
Stone Repair / Restoration:

• Strip wax, clean, remove any previously poorly completed repairs
• Repair any water damage
• Repair using dutchmen and epoxy
• Stone floors will not be returned to a ‘like new’ appearance
• Restore stone casings at west elevator doors to original configurations
Woodwork Restoration:

• Nearly all of the existing woodwork has been stripped and re-stained a variety of colors through the years

• All woodwork will be stripped and re-stained the same medium-oak color, to match stain color selected for windows

• Any new woodwork will match the original
Hardware:

• All of the original knobs were replaced in the 1990s with historically sensitive levers

• Original inner workings of hardware and levers breaking frequently – may need to be replaced.

• Original hardware components will be retained where possible.

• New hardware will match the original, but historically appropriate levers will be used in place of knobs.
Signage & Wayfinding:

• All new signage and wayfinding package, to be coordinated by signage consultant.

• Working with consultant to insure that signage meets State accessibility standards.
Furniture Restoration: In Project Scope?

• Much of the original furniture still exists

• Scope of work for original furniture to be determined by FF&E consultant, owner, and MHS.
Artwork:

• Artwork will be removed, stored during Construction, and returned to building.

• No work on the artwork is included in the Construction Budget.

• Alternative funding sources are being considered for any recommended work.
Fire Protection:

• Sprinklers and horn strobes will be sensitively integrated

• Some sprinkler heads will be ‘hidden in plain sight’

• Other sprinkler heads will have color matched covers
GROUND FLOOR – SENATE HEARING ROOM

MINNESOTA STATE CAPITOL RENOVATIONS – HISTORIC LIGHTING
FIRST FLOOR – ENTRY & STAIR

MINNESOTA STATE CAPITOL RENOVATIONS – HISTORIC LIGHTING

8 APRIL 2013
MINNESOTA STATE CAPITOL RENOVATIONS – HISTORIC LIGHTING

FIRST FLOOR – ROTUNDA

TYPE SH12

TYPE SH15

TYPE SH14
HVAC:

• Sensitively integrate new grilles
• Restore historic grilles, reuse when possible
Communications / Press Connections:

• To be discussed further in future Design Development Meeting