

2010 | 2011

Hotel and Conference Center
Virginia, USA

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Lighting | Electrical
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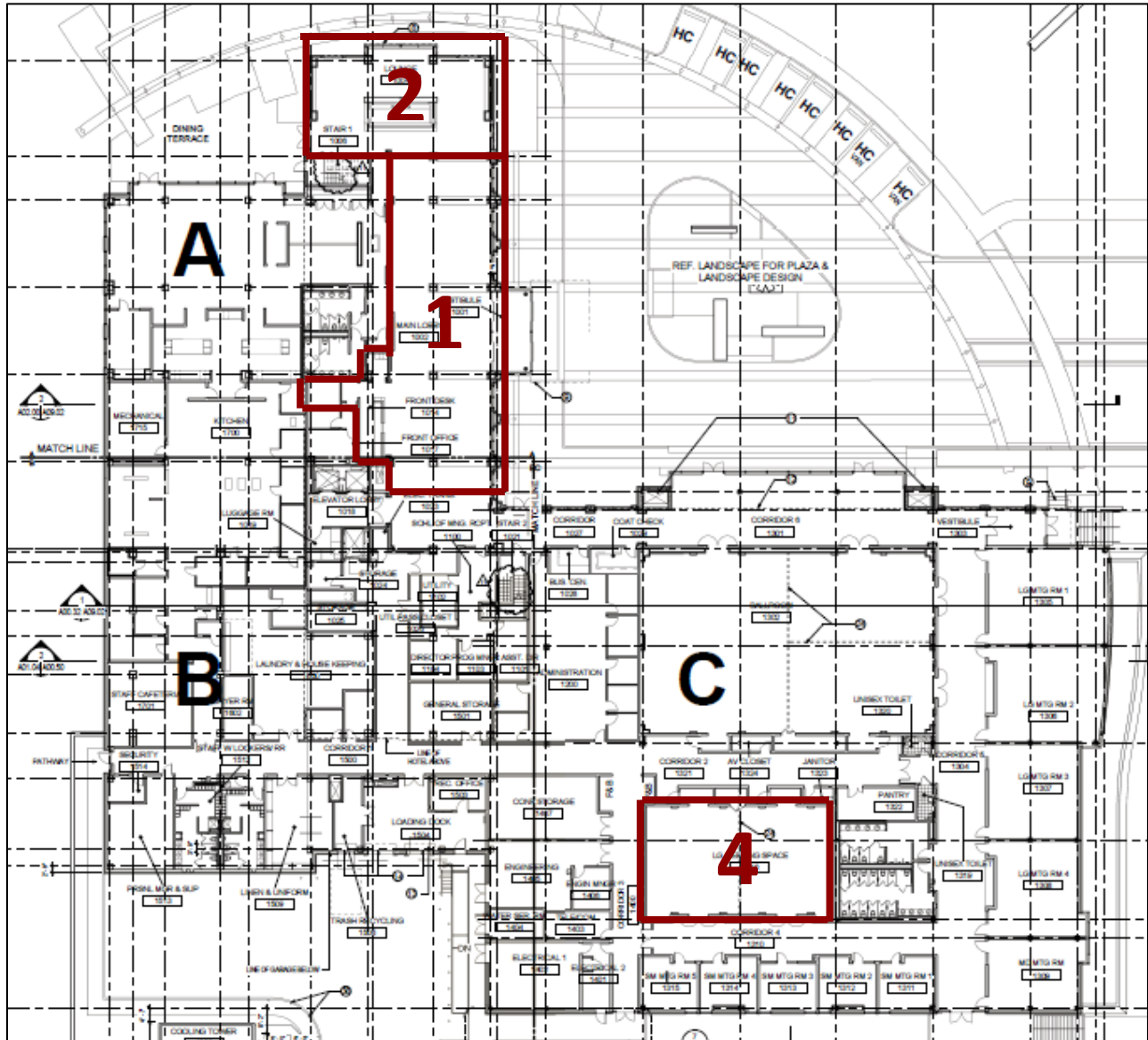
[Lighting Proposal Memo]

The following document contains a description of the four spaces in the Hotel and Conference Center that will be analyzed and redesigned for my senior thesis project. Tasks and activities performed, materials, pictures, and drawings are all included for each individual space.

For the lighting portion of my senior thesis, I propose to analyze and redesign the lighting in the four spaces listed below:

1. Circulation Space | Lobby
2. Special Purpose Space | Lounge
3. Building Facade
4. Large Work Space | Large Meeting Space

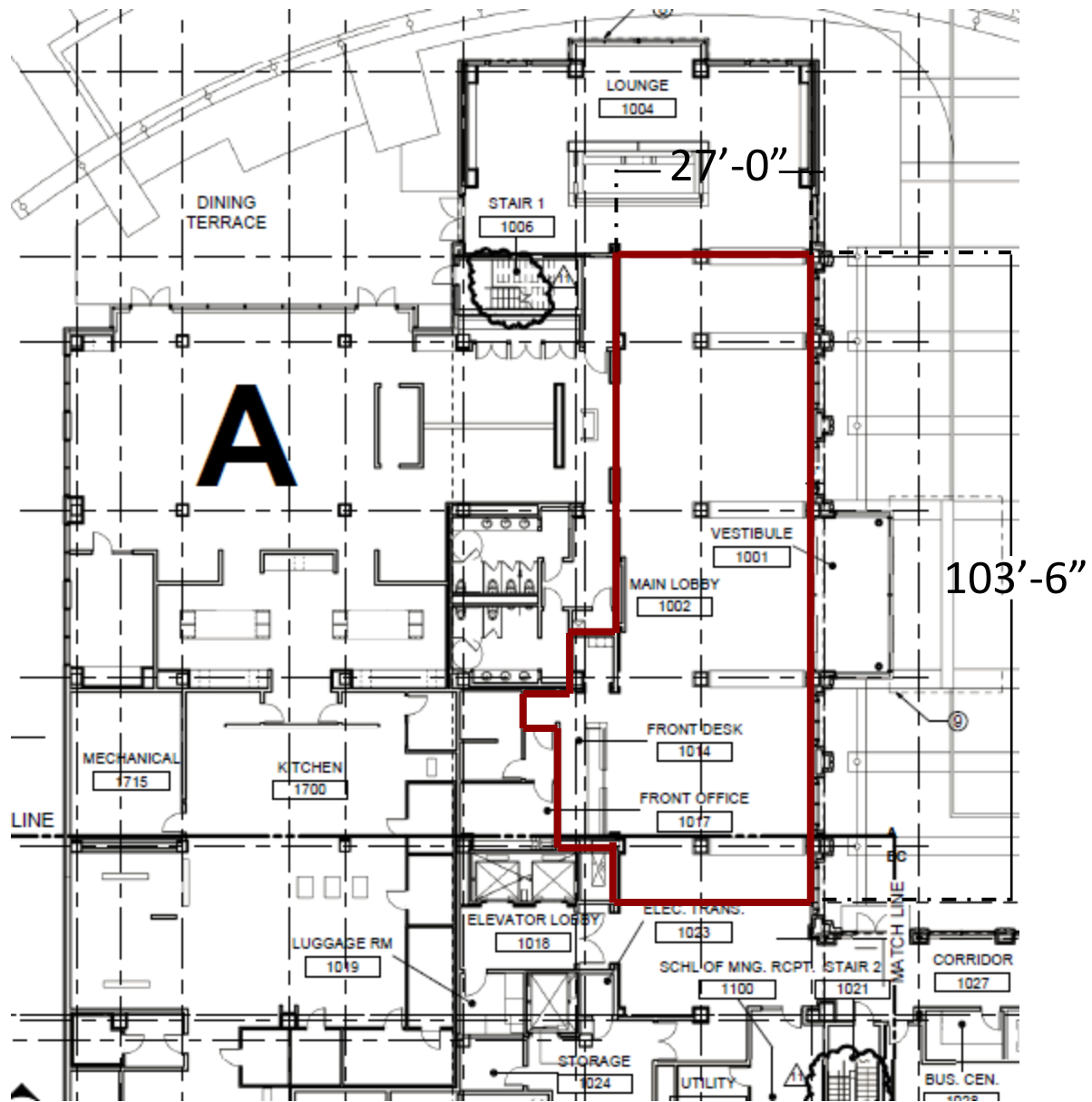
The spaces are highlighted on the first floor plan (*Building Façade not labeled*).



I will perform three schematic design concepts for the Lounge on the first floor of the building.

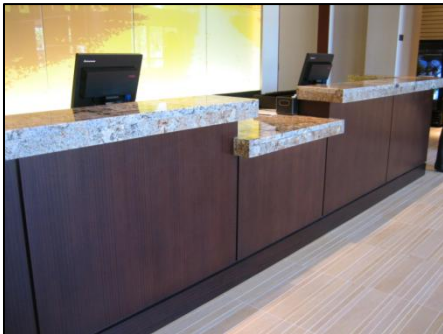
I will produce a lighting design solution in the Lobby that attributes to a spacious, open psychological impression, to help circulate flow throughout the facility.

Circulation Space | Lobby

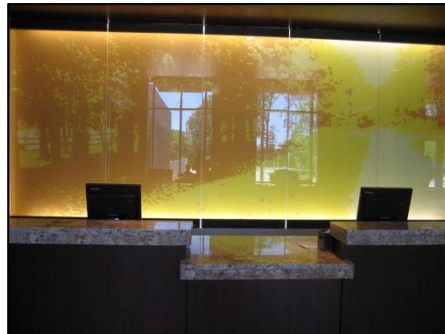




Interior view of seating area in Lobby | Gensler



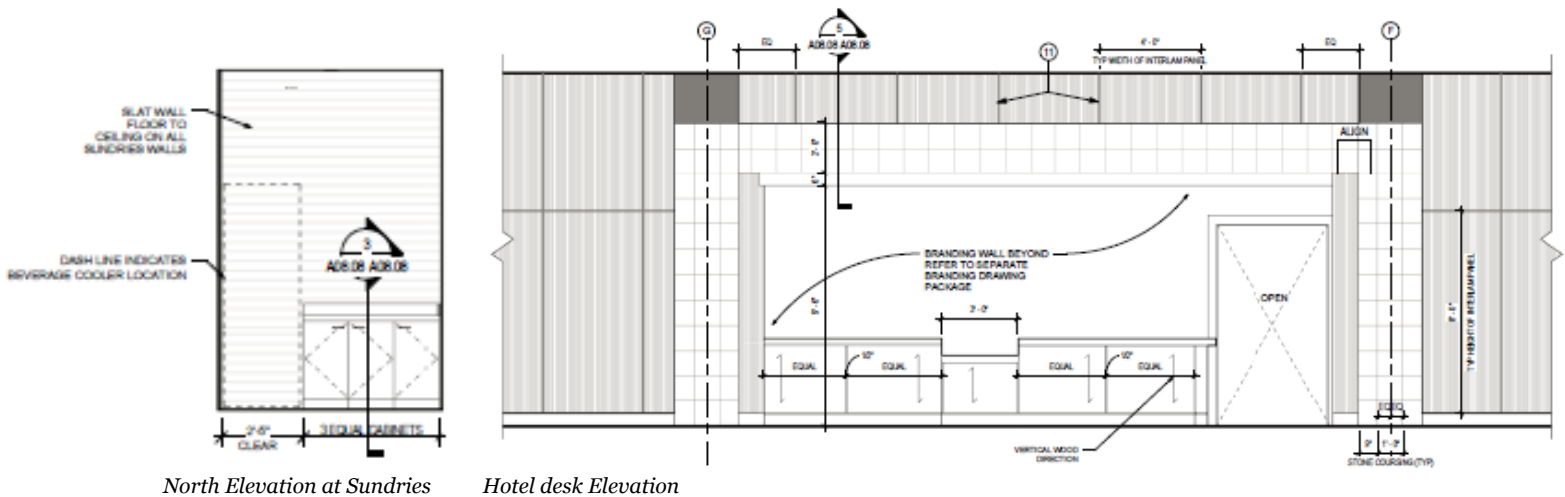
Front desk in Lobby | HLB



Front desk in Lobby | HLB



Corridor of Lobby | HLB



North Elevation at Sundries

Hotel desk Elevation

Description

Upon arrival at the Hotel and Conference Center, the Main Lobby serves as a particularly important space for guests and staff. The lobby should promote a sense of welcome to guests as it is considered the first impression of the hotel. Therefore the lighting should enhance and complement the architecture in this area. Lighting should orient guests throughout the facility, whether they are going to the restaurant, their hotel room, or the conference center.

The front desk should be easy to locate when arriving. Guests enter through the main doors of the vestibule and walk up to the front desk to check in and retrieve their room keys. Staff will be handling money, doing paperwork, and extensively using VDTs at the front desk. The lighting must accommodate all of these tasks, and should generally be at lower levels with local task lighting.

There is also seating off to the side of the front desk, providing relaxation for guests and serving as waiting areas. These seating nooks also are for guests waiting to enter either the restaurant or lounge area. Casual reading and conversation are ideal for the seating areas. Light levels should remain low, generally with local task lighting and decorative lighting. Floor to ceiling windows provide daylight into the space and ambient lighting during the day. It is also important to note that there is some artwork on the walls.

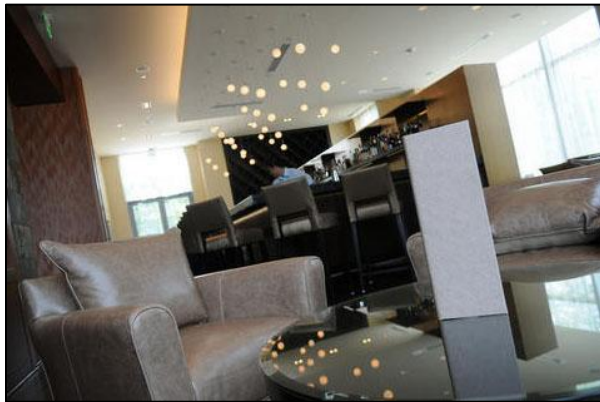
Materials and Finishes

- Ceiling: “Vanilla Ice-cream” colored paint (P-12)
- Floor: “Doral Gold-85 Almond (II)” colored Porcelain tile (P7-1); Area rugs in seating locations, inset into wood flooring (C-3); carpet behind lobby desk (C-1)
- Walls: Lobby spline wall made of Interlam wood paneling system and “Golden Sun” colored stone accents with a natural cleft finish (WD-3 and ST-1); Branding wall with backlit glass behind reception desk (not specified); Sundries area has slat walls, floor to ceiling on all sides (not specified)
- Base: Solid wood (WD-1)

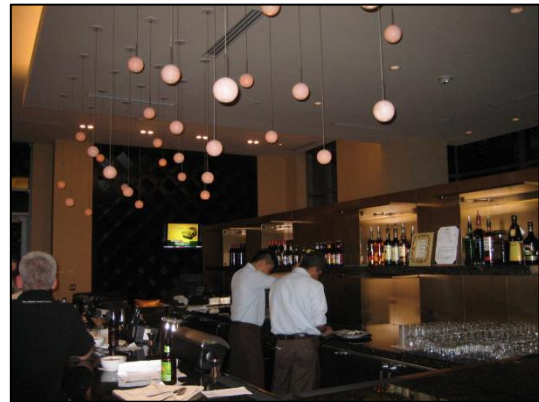
Dimensions

- Area: 3050 SF
- Ceiling height:
 - 9'-6" : Front desk, elevator lobby, restaurant entrance
 - 14'-0" , with 1'-8" cove above seating areas and entrance from vestibule

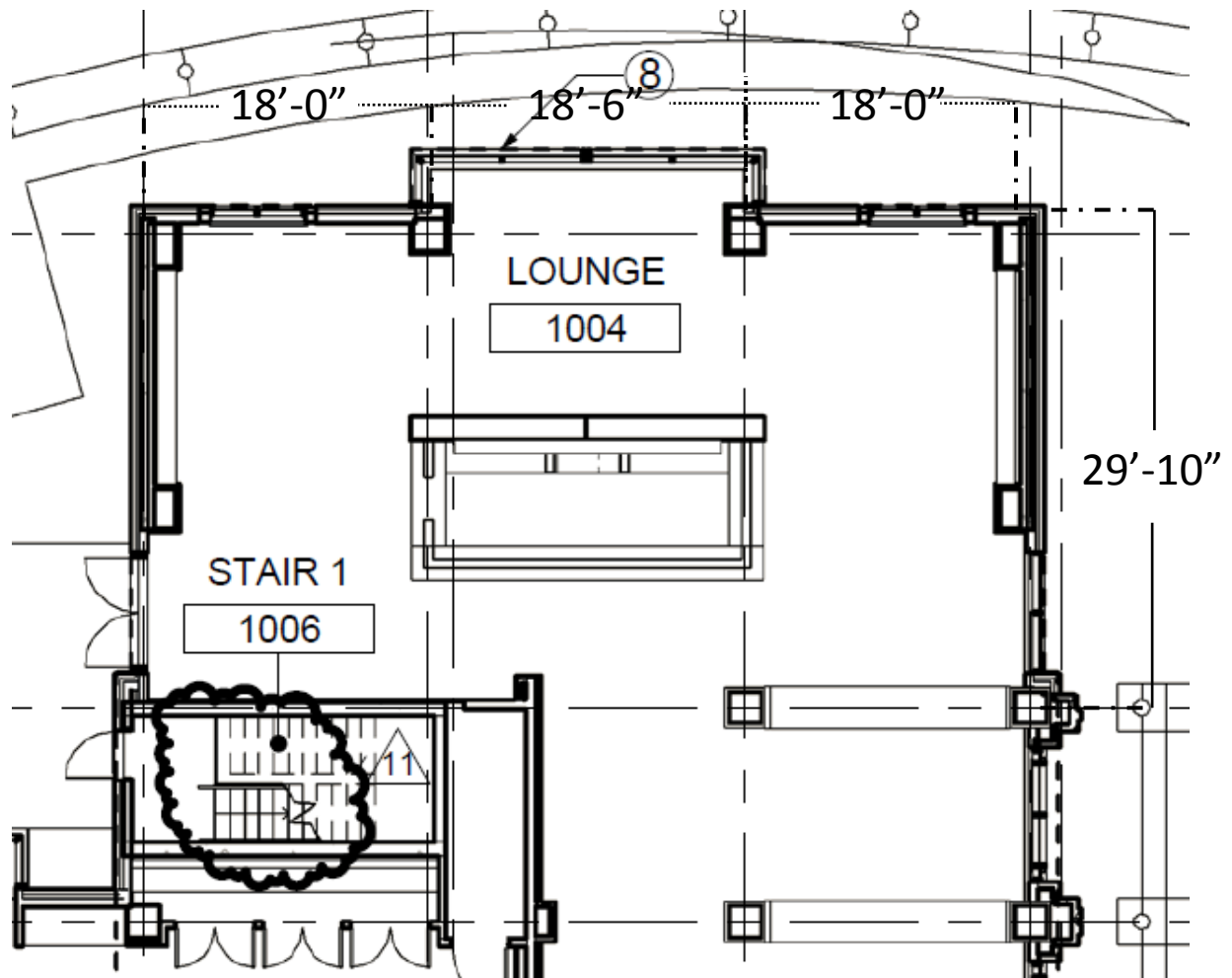
Special Purpose Space | Lounge



Interior perspective of the Lounge | Gensler



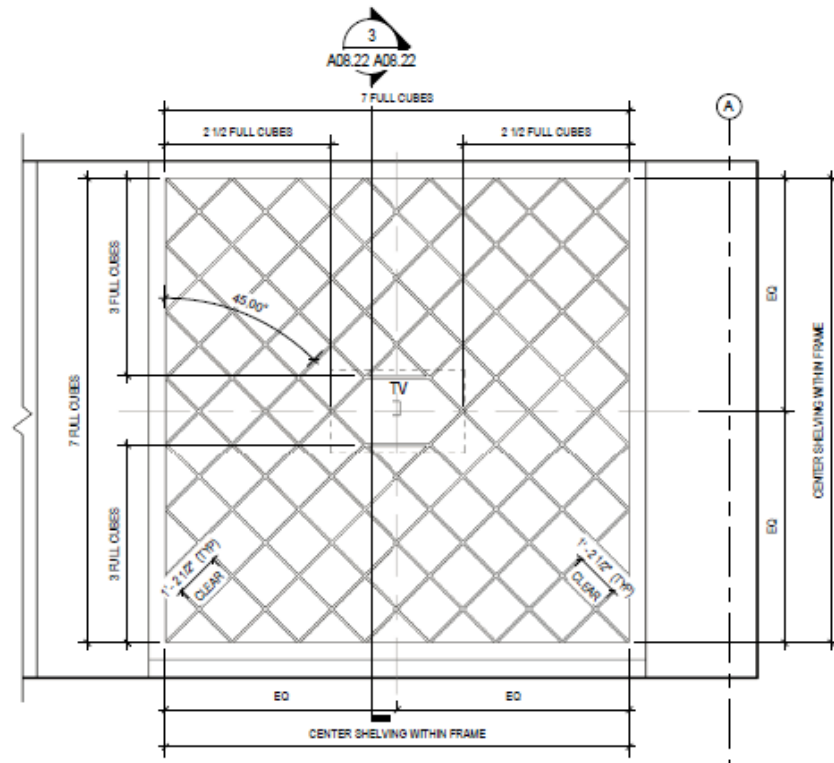
View of the bar in the Lounge | HLB



Plan view of Lounge



Seating area behind bar in the Lounge | HLB



Lounge Bookcase Detail Elevation

Description

The Lounge is a much more intimate space in the Hotel and Conference Center. Offset from the rest of the hotel, people will go to the Lounge to relax and chat in the seating areas or perhaps even read a book or watch television. The main focal point, however, is the bar that is centrally located in the room. Patrons can sit at the bar and order drinks or food. Servers will be handling money, food, and drinks, so local lighting is critical behind the bar.

The Lounge is accessed by walking through the main lobby and corridor on the first floor. A set of double doors on the western wall provides access to the outdoor terrace. Floor to ceiling windows line the northern wall, providing daylight into the space. A dropped ceiling above the bar provides an interesting architectural element to the Lounge, too.

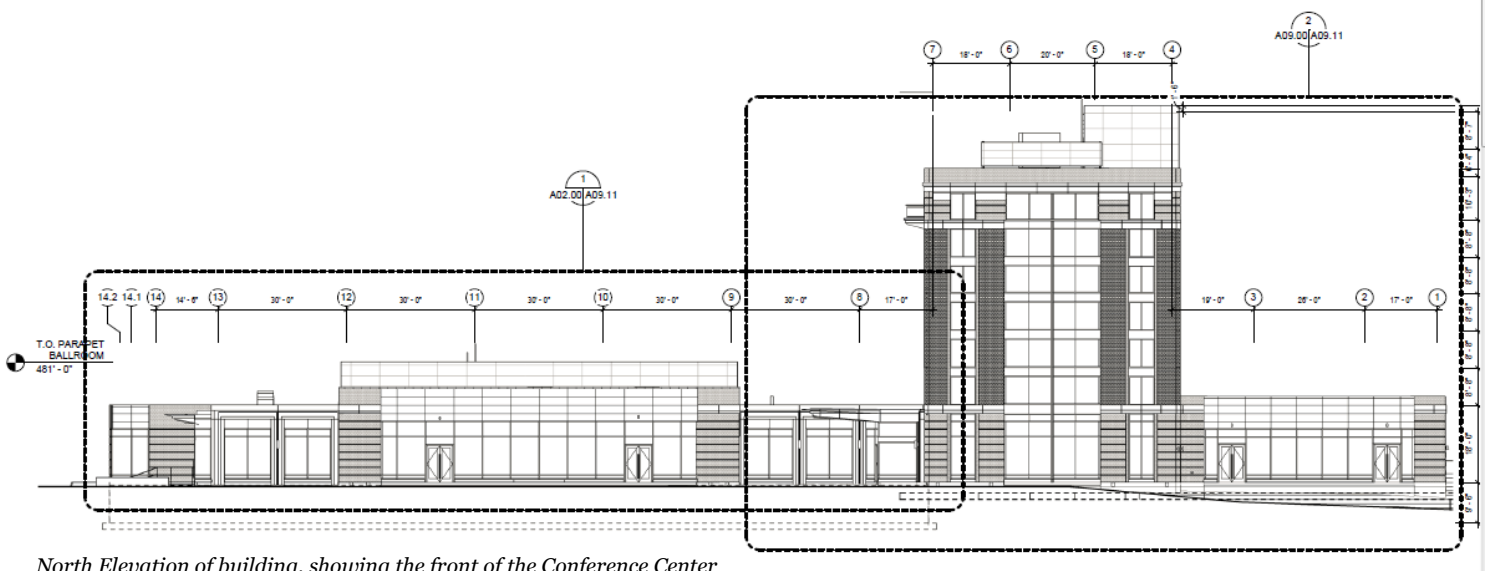
Materials and Finishes

- Ceiling: Overall ceiling is “Desolate” colored (P-6); “Classic Brown” drop ceiling canopy (P-9)
- Floor: “Radiata Pine” wood flooring, with a clear finish (WF-1); Area rug inset into the wood flooring (C-4)
- Walls: Wall covering (WC-6)
- Base: “Classic Brown” colored bar wall base (P-9)

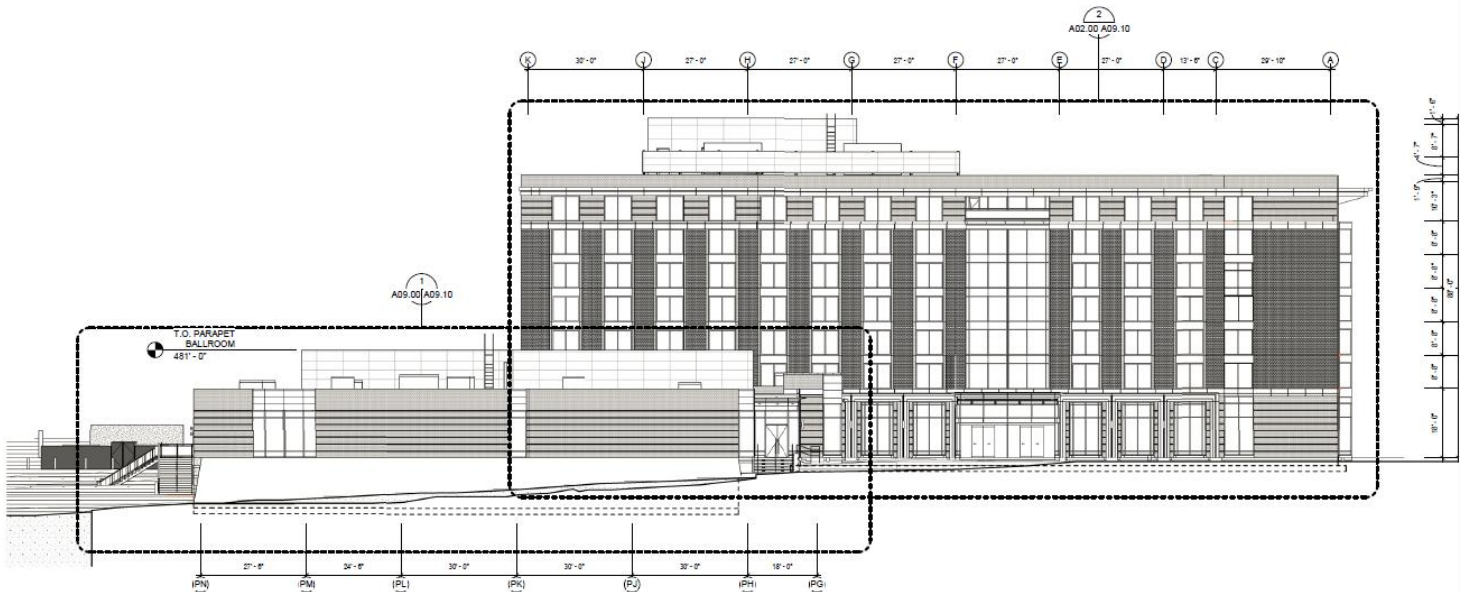
Dimensions

- Area: 1730 SF
- Ceiling height: 14'-0", with 1'-8" cove above bar, that stretches to back windows

Building Façade



North Elevation of building, showing the front of the Conference Center



East Elevation of building, showing the front view of the Hotel



Front of the Conference Center | HLB



Hotel entrance | HLB



Conference Center and Hotel | HLB

Description

When approaching the Hotel and Conference Center, guests make their way along the circular drive to the hotel's entrance canopy. The entrance canopy for the Hotel and Conference Center should be easy to locate, and the driveway should lead guests along the property. Since the façade of the building is people's first impression of the Hotel and Conference Center, it is imperative to make a statement through lighting the façade and reinforcing the architecture of the building. An interesting architectural feature is the curved eastern façade of the convention center, which could be highlighted.

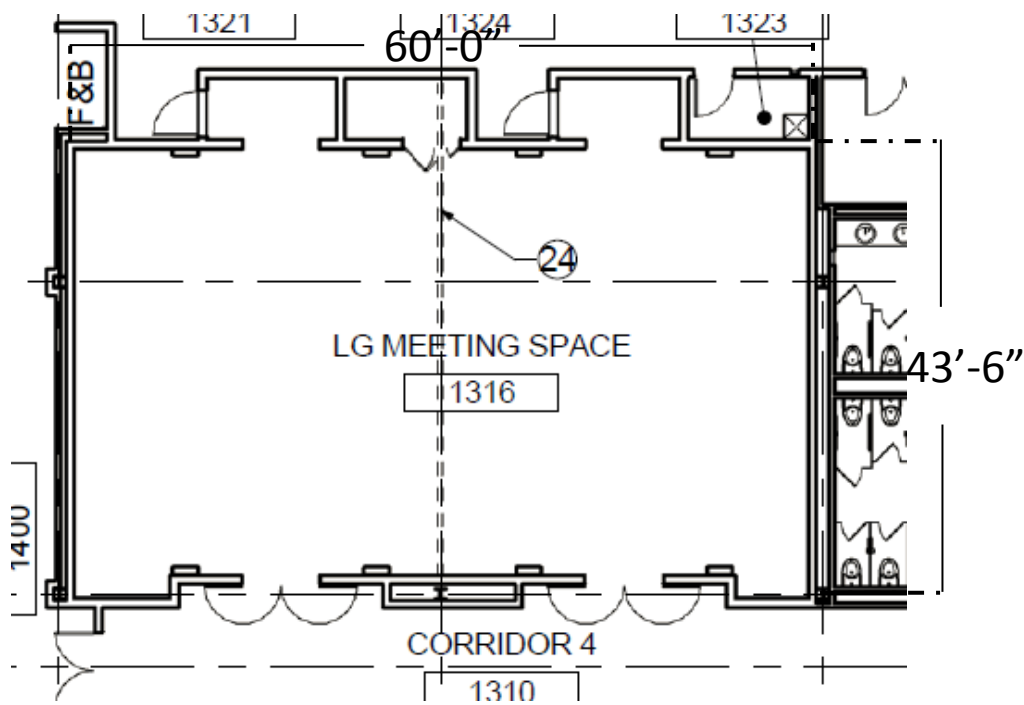
Materials and Finishes

- The façade of the Hotel and Conference Center is clad in two different types of brick
- Precast decorative frames with metal line the top portion of the hotel
- Both spandrel panels and screen walls line the top portion of the building
- Glazed aluminum window walls run alongside the buildings, providing daylight into the spaces
- Metal entry canopies also stand out on the buildings, to help orient guests as to where to go

Dimensions

- Building height:
 - 71'-7" to roof of Hotel
 - 21'-0" to roof of Conference Center
- Length of façade:
 - 208'-0" total length of front of the Hotel
 - 181'-6" total length of front of the Conference Center

Large Work Space | Large Meeting Space



Plan view of Large Meeting Space



Large Meeting Space | Gensler

Description

The Large Meeting Space is located on the first floor of the Hotel and Conference Center, in the Convention Center portion of the building. This space is primarily used for smaller events in the hotel, such as business conferences and small gatherings. There is an operable partition that runs along the center of the room, so space is flexible depending upon the size of an event.

The professional atmosphere and technologically enhanced room provides groups with projector screen usage and two podiums located at the front of the room. VDT usage may occur in the room, as well as reading and writing. Flexible controls will be an important consideration in this room, not only because of having a presenter, but because of being able to split the space into two separate conference rooms.

Materials and Finishes

- Ceiling: 2'x2', white, acoustical ceiling tile (APC-1); "Antique Lace" colored ceiling (P-1) with "Golden Ecu" colored ceiling pop-ups
- Floor: carpet (C-10)
- Walls: "Antique Lace" colored wall trim (P-1); Wall covering (WC-3), with wall covering inlays (WC-9)
- Base: not specified

Dimensions

- Area: 2610 SF
- Ceiling Height: 16'-0" overall ceiling, 2'-0" cove