

The City of Madison and Marcus/ULI Block 88 Joint Venture LLC (a joint venture of Marcus Block 88, LLC and Urban Land Interests, LLC) entered into a contract to provide planning services for the development of Block 88 in Downtown Madison. The project to be planned was defined to include a hotel, and an underground parking ramp that would support the hotel, the needs of the general public and the needs of other air rights development that may occur in Blocks 88 and 105.

To undertake the planning work, the Joint Venture engaged the following consultants:

Valerio Dewalt Train Associates – Parking Architecture
Carl Walker – Parking Ramp Engineering and Design
Eppstein Uhen Architects – Hotel Design

The results of the planning efforts are presented in this report.

SECTION 1 - THE PLANS FOR A PARKING RAMP AND HOTEL

THE PARKING RAMP

Introduction

An underground parking ramp in Blocks 88 and 105 and extending beneath South Pinckney Street is essential to unlock the development potential in this strategic area of downtown Madison. Without adequate parking to support good urban infill development in the air rights above the ramp, the unique development potential in these two blocks will remain unrealized. At issue here is the character of the urban environment in this part of downtown as well as the potential to build the City of Madison tax base.

The underground parking structure needs to incorporate a number of important objectives: 1) It must be designed to be fully integrated with all of the potential air rights uses that may be located above the ramp (which may include office, hotel, retail and residential uses) and the potential redevelopment of the Madison Municipal Building (“MMB”). 2) The first phase of the ramp, to be located on Block 88, needs to provide enough parking stalls to replace the spaces that will be lost when the existing Government East ramp is demolished. 3) The Government East ramp needs to be operated until replacement spaces to be constructed in the first phase are available. 4) The underground spaces need to be cost effective and comparable in cost with the above-grade parking solution that was originally considered.

The Architectural Plans for the Underground Parking Ramp Including the Madison Municipal Building as Part of the Hotel

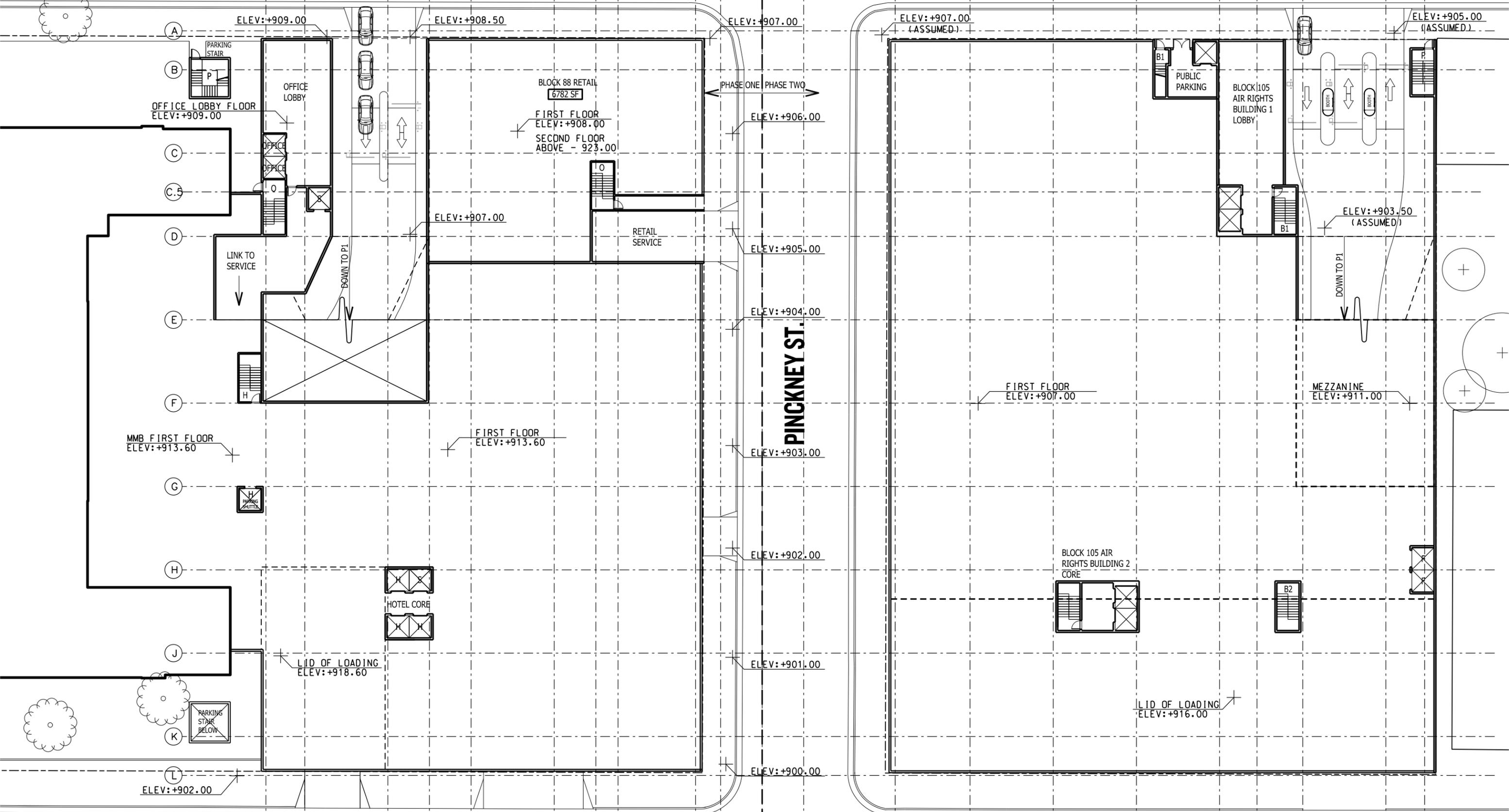
The architectural plans on the following pages present a five-level underground parking ramp that provides a total of 1,368 parking stalls. The first phase of the parking ramp to be constructed on Block 88 includes 572 parking stalls, which will replace the 516 parking stalls that are available in the current Government East ramp and the 81 surface parking stalls that are currently located behind MMB. The boundary between the first and second phases of the ramp is located (as shown in the plans at column line 7.5) just into the existing western drive lane on Pinckney Street. Unless an expensive temporary earth retention system is provided to protect one lane of traffic on Pinckney Street during construction of the first phase, it may be necessary to eliminate the current Pinckney Street entrance to the Government East ramp during construction and rely on the Wilson Street entry/exit.

The first phase of the proposed parking ramp is designed to provide entry/exits on both Doty Street and Wilson Street. The Doty entrance/exit is two lanes, and the Wilson Street entrance/exit has three lanes, with the center lane being reversible to provide two entrance lanes during peak morning arrivals and two exit lanes during peak afternoon departures. This ramp configuration provides what the design team believes is an optimal configuration from the perspective of user convenience both before and after the second phase of the parking ramp is constructed.

DOTY STREET

ONE WAY →

1 2 3 3.5 4 5 5.5 5.8 6.8 7 7.5 8 9 10 11 12 13 13.5 14 15 16



MADISON BLOCK 88 + BLOCK 105 PARKING
DOTY STREET LEVEL : 01
 DATE: 05.19.2011

WILSON STREET

← ONE WAY



PHASE ONE: 35 PARKING SPACES

PHASE TWO: 105 PARKING SPACES

P1 TOTAL: 140 PARKING SPACES

1 2 3 3.5 4 5 5.5 5.8 6.8 7 8 9 10 11 11.5 12 13 13.5 14 15 16

A

B

C

C.5

D

E

F

G

H

J

K

P1 ELEV: +895.00

PHASE ONE PHASE TWO

P1 ELEV: +895.00

BLOCK 105 AIR RIGHTS BLDG. 1 CORE

PINKNEY ST.

ELEV: +903.00

MMB LL ELEV: +902.10

ELEV: +901.60

P1 ELEV: +900.00

ELEV: +902.00

P1 ELEV: +897.00

ELEV: +902.10

ELEV: +898.10

BLOCK 88 RETAIL 1283 SF

ELEV: +900.00

BLOCK 105 RETAIL 3870 SF

ELEV: +899.50

BLOCK 105 AIR RIGHTS BUILDING 2 LOBBY

ELEV: +899.00 (ASSUMED)

ELEV: +903.00

ELEV: +902.00

ELEV: +901.50

ELEV: +901.00

ELEV: +900.00

ELEV: +898.00 (ASSUMED)

SERVICE CORRIDOR

HOTEL ACCESS

HOTEL VEHICLES

DOWN TO P2

DOWN TO P1

BIKE RACKS

BIKE RACKS

ONLY

DOWN TO P2

UP TO DOTY

TLT.

PARKING OFFICE

SERVICE/TRASH B2

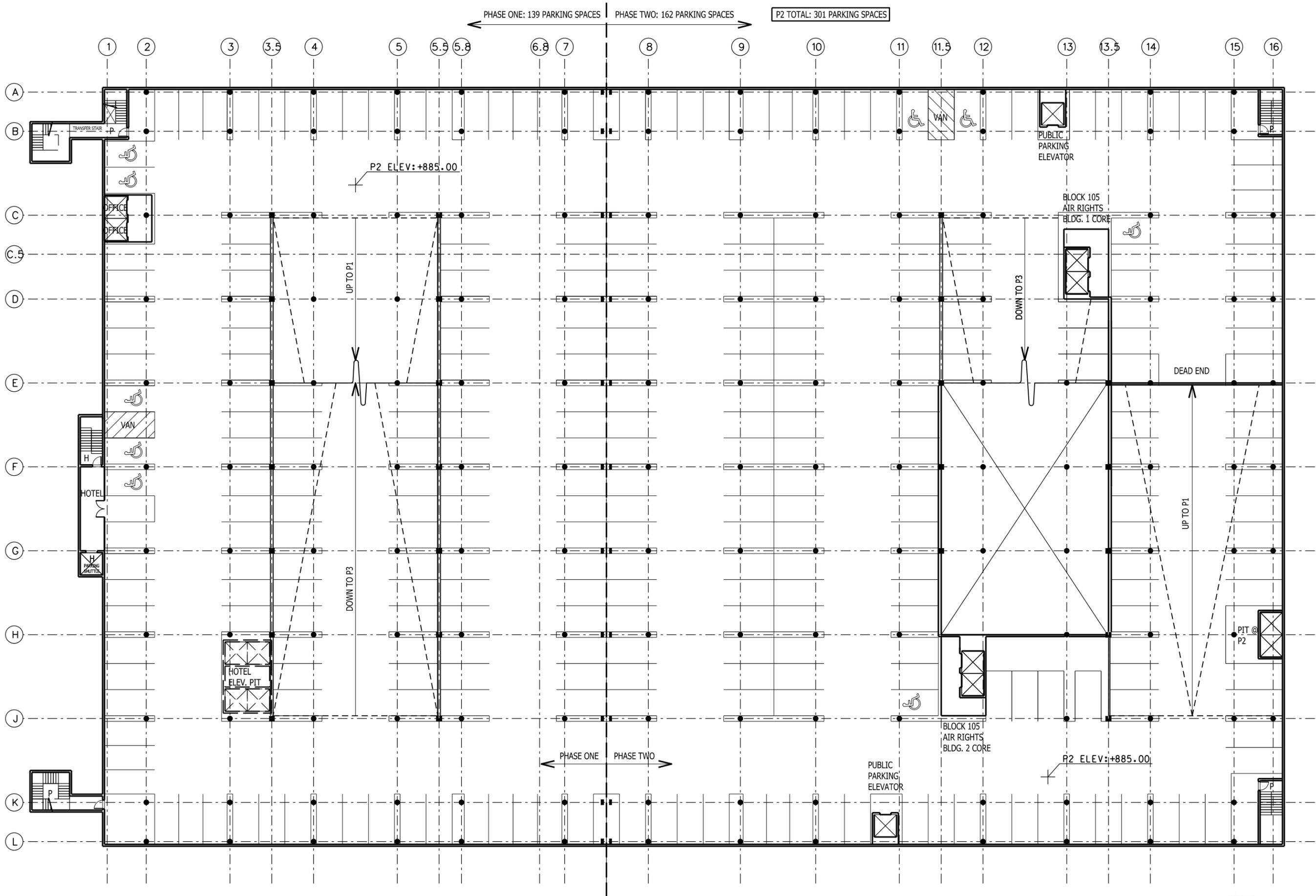
BLOCK 105 LOADING DOCK

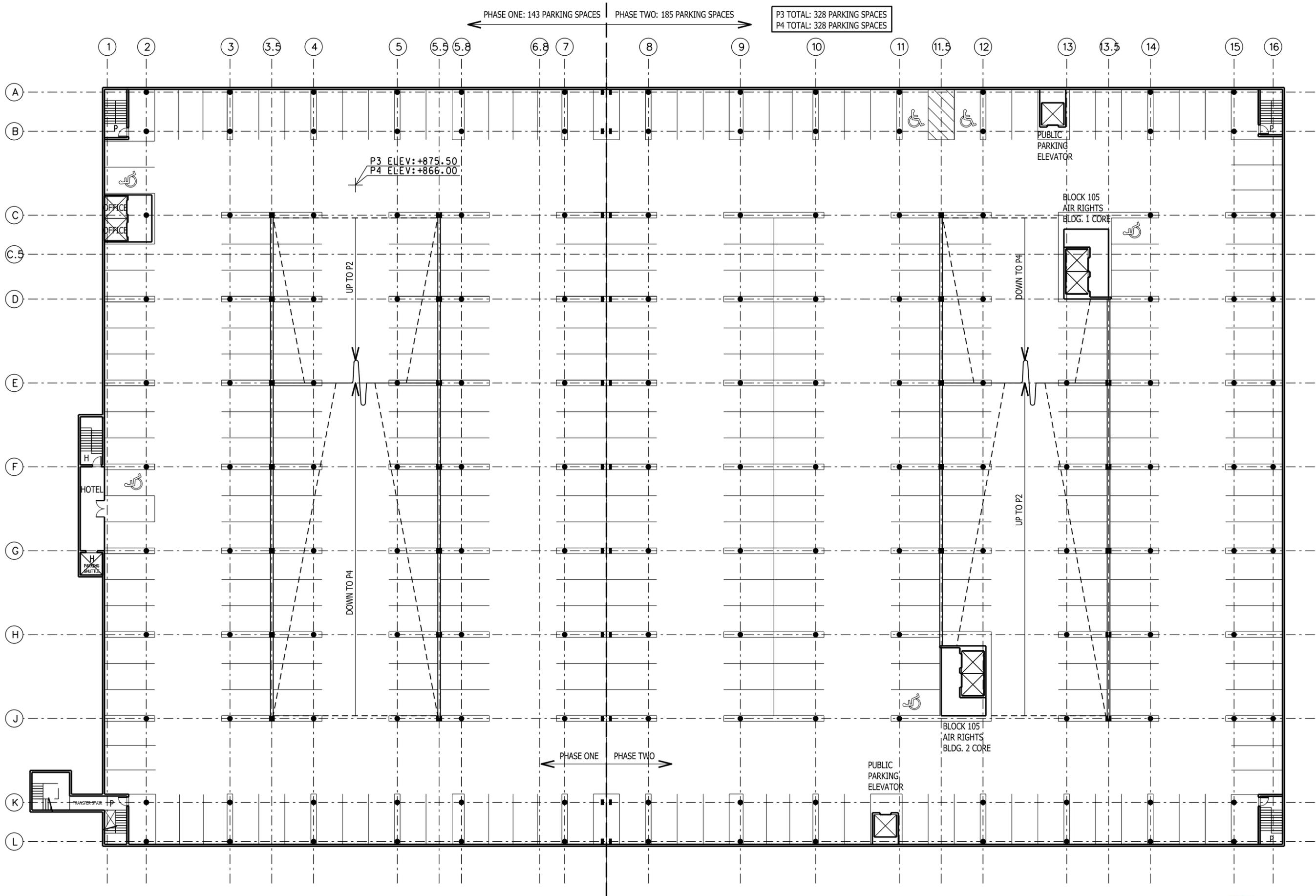
MADISON BLOCK 88 + BLOCK 105 PARKING
WILSON STREET LEVEL: P1
DATE: 05.19.2011

WILSON STREET

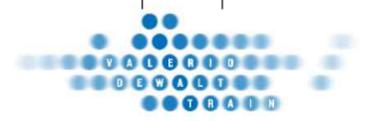
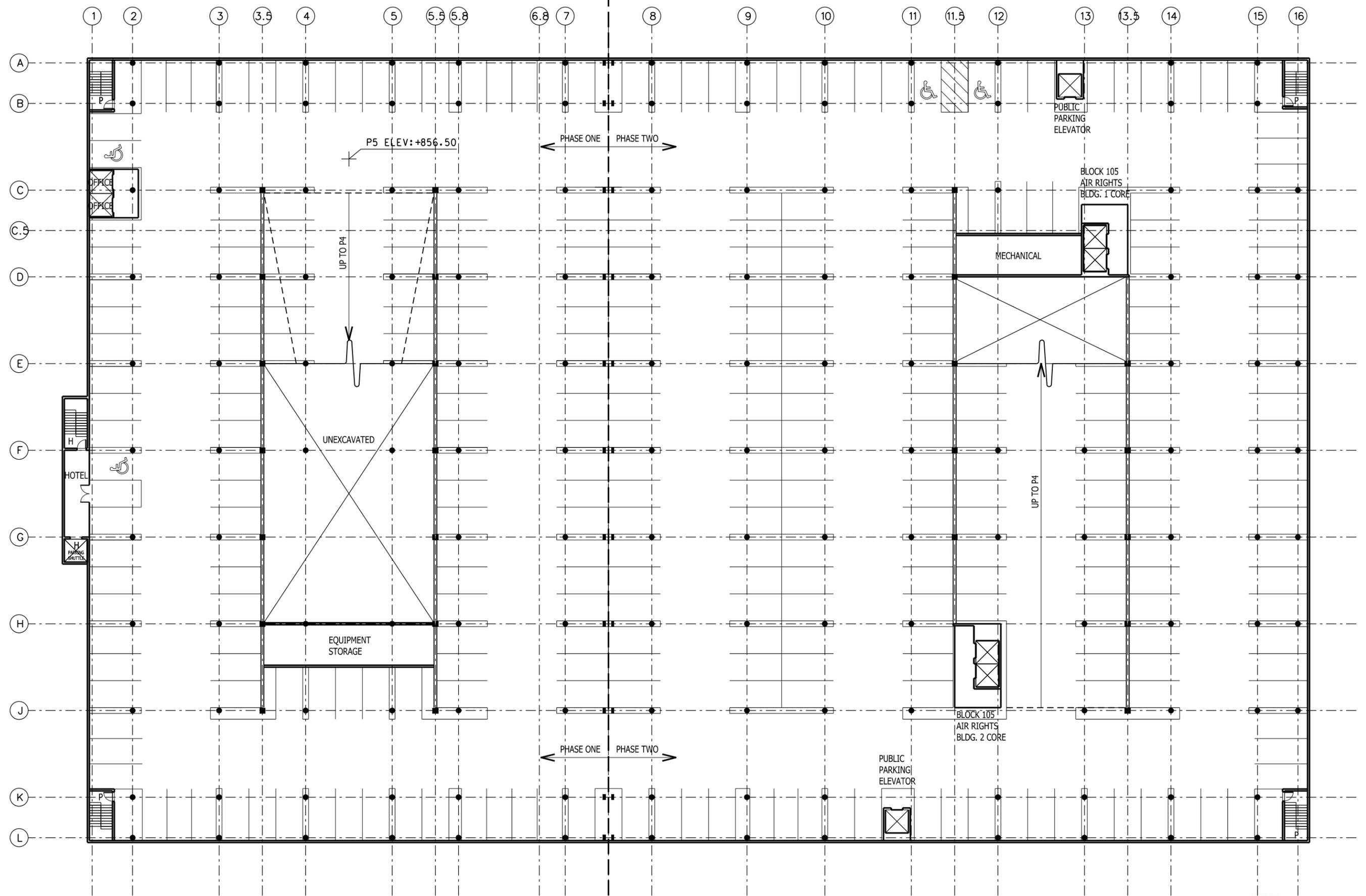
ONE WAY







PHASE ONE: 112 PARKING SPACES PHASE TWO: 159 PARKING SPACES P5 TOTAL: 271 PARKING SPACES



Once the first phase of parking is available for temporary use by the Madison Parking Utility, the Government East Ramp can be demolished and construction can begin on the second phase. The duration of construction required to complete the total ramp is 27 months as shown in the construction schedule attached as Exhibit A. Once the total ramp is complete, Pinckney Street will be restored to support vehicle and pedestrian traffic in its current configuration. The parking ramp has been designed so that multiple elevator cores will connect directly with the private air rights development located above the ramp. Two separate shared loading docks are provided to serve the development located in Block 88 and in Block 105.

The Impact on the Parking Ramp if the Madison Municipal Building is Not Part of the Hotel

The Block 88 team was asked to evaluate the development of a hotel without including space in the Madison Municipal Building as part of the hotel. The implications for the hotel are presented as Option 2 in the following discussion. In order to create a hotel lobby and drop-off on Wilson Street with a connection into the parking ramp, the parking ramp would need to be revised as shown in the concept plans in Exhibit B. The number of stalls in Phase 1 of the ramp would be reduced to 537 and the total number of stalls would be reduced to 1,349 stalls (see summary of parking options on following page). The separate Block 88 entrance/exit to the parking ramp on Wilson Street would be eliminated and the Block 105 entrance/exit to the ramp would service the entire ramp. A shared loading dock would need to be created on Doty Street that would service needs of the Madison Municipal Building. This loading dock may cause congestion on Doty Street, which is the outer ring funneling traffic around the Capitol Square.

THE HOTEL

Option 1 A Hotel that Includes Space in the Madison Municipal Building

Under this scenario, the Mixed-Use Development Program includes:

- 278 guest rooms
- 25,593 SF meeting space including 10,470 SF ballroom
- 9,865 SF pre-function space
- 57,057 SF office space
- 6,419 SF retail
- 305,892 GSF hotel building
- 63,476 GSF office/retail building

The existing historic Madison Municipal Building would be reused and transformed to be the centerpiece of a new hotel and mixed-use development. The first floor of the historic building would be the main lobby of the hotel and include a restaurant with outdoor seating at the corner of Doty Street and Martin Luther King, Jr. Boulevard and a bar/lounge with outdoor seating at the corner of Wilson Street and Martin Luther King, Jr. Boulevard. The second floor of the MMB would be converted to meeting space use including the existing courtroom while the third floor of MMB would be utilized for guest suites. The lower level of MMB would be utilized for hotel support space, storage and mechanical space. A hotel bar & grill with an outdoor terrace would be located on the roof of MMB.

Underground Parking Option for Combined Madison Municipal Building Site and Government East Parking Ramp

I:\Development Opportunities\Block 88\MMB Parking and Air Rights\MMB.Parking Comparison.9.26.11.xls]Sheet1
26-Sep-11

Number of Parking Stalls in Government East Ramp

Handicapped	5
Transient	426
Monthly	85
	<u>516</u>

Potential Parking Count in Underground Parking Ramp

Original Option with MMB part of hotel

Level	Number of Parking Stalls		
	Phase 1	Phase 2	Total
P1	35	105	140
P2	139	162	301
P3	143	185	328
P4	143	185	328
P5	112	159	271
	572	796	1368 <i>total stalls</i>

Option B without MMB

Level	Number of Parking Stalls		
	Phase 1	Phase 2	Total
P1	0	121	121
P2	139	162	301
P3	143	185	328
P4	143	185	328
P5	112	159	271
	537	812	1349 <i>total stalls</i>

Parking Stalls Allocated for Parking Utility	600	600
Parking Stalls Required for Hotel	200	200
Parking Required to Support MMB		180
Parking Available to Support Additional Air Rights Development	568	369
Parking Ratio Required for Office Space <i>2.5 stalls per 1000 rentable square feet</i>		
Potential Office Space that can be Developed in addition to the Hotel	227,200 <i>sf</i>	147,600 <i>sf</i>

The main entry and porte-cochere for the hotel is located on Martin Luther King, Jr. Boulevard. The porte-cochere helps create a new identity for the historic building and provides cover at the raised entry drive which allows barrier free entry to the main level of the hotel and drop-off for hotel guests, visitors and valet. Parking for hotel is accessed from both Doty Street and Wilson Street; valet exit is on Pinckney. Loading and service for the hotel is on Wilson Street and loading for office and retail is on Pinckney Street. A skywalk across Wilson Street connects the hotel to the Hilton Hotel and Convention Center.

The new portion of the mixed-use development is configured in a U-shape footprint. The hotel itself would be arranged in a L-shape wrapped around a 2-story ballroom strategically located to avoid guest rooms above the ballroom. The roof of the ballroom will be a landscaped terrace and has the potential to be an outdoor amenity space for hotel guests. One level of flexible meeting and pre-function space will be connected to the meeting space in the existing MMB. Other hotel amenities include a club lounge, fitness center and pool.

The office lobby is located on Doty Street across from Block 89 and consists of 5 levels of office space. The office building includes a ground floor retail component ideal for a restaurant at the corner of Doty and Pinckney. The office and retail spaces would have a direct connection to the hotel lobby. The independent office space would generate approximately \$190,000 per year in real estate tax revenue for the City.

The existing Madison Municipal Building is a 4-level building. The MMB is connected to a new hotel structure which is 10 stories along Wilson Street and steps down to a 6-story structure at Doty Street for the office and retail component. The concept plans for Option 1 are presented in Exhibit C.

Option 2 A Hotel that Does Not Include the Madison Municipal Building

Without including space in the Madison Municipal Building as part of the hotel, the hotel would be revised as follows:

- 292 guest rooms
- 30,806 SF meeting space, including 11,471 SF ballroom
- 28,396 SF pre-function space

The stand-alone hotel is configured in a U-shape footprint surrounding a 2-story ballroom strategically located to avoid guest rooms above the ballroom. The roof of the ballroom will be a landscaped terrace that is intended to be outdoor amenity and event space. Two stories of flexible meeting and pre-function space are connected via an open staircase in a skylit atrium-like space; events can be supported from a private service core. A 2-story glass hotel entry with escalator at the corner of Wilson and Pinckney provides a transition up to main floor of hotel for hotel guests and visitors. A multi-level hotel restaurant and bar with outdoor seating along Pinckney provides activity along the street. Other hotel amenities include a club lounge, fitness center and pool.

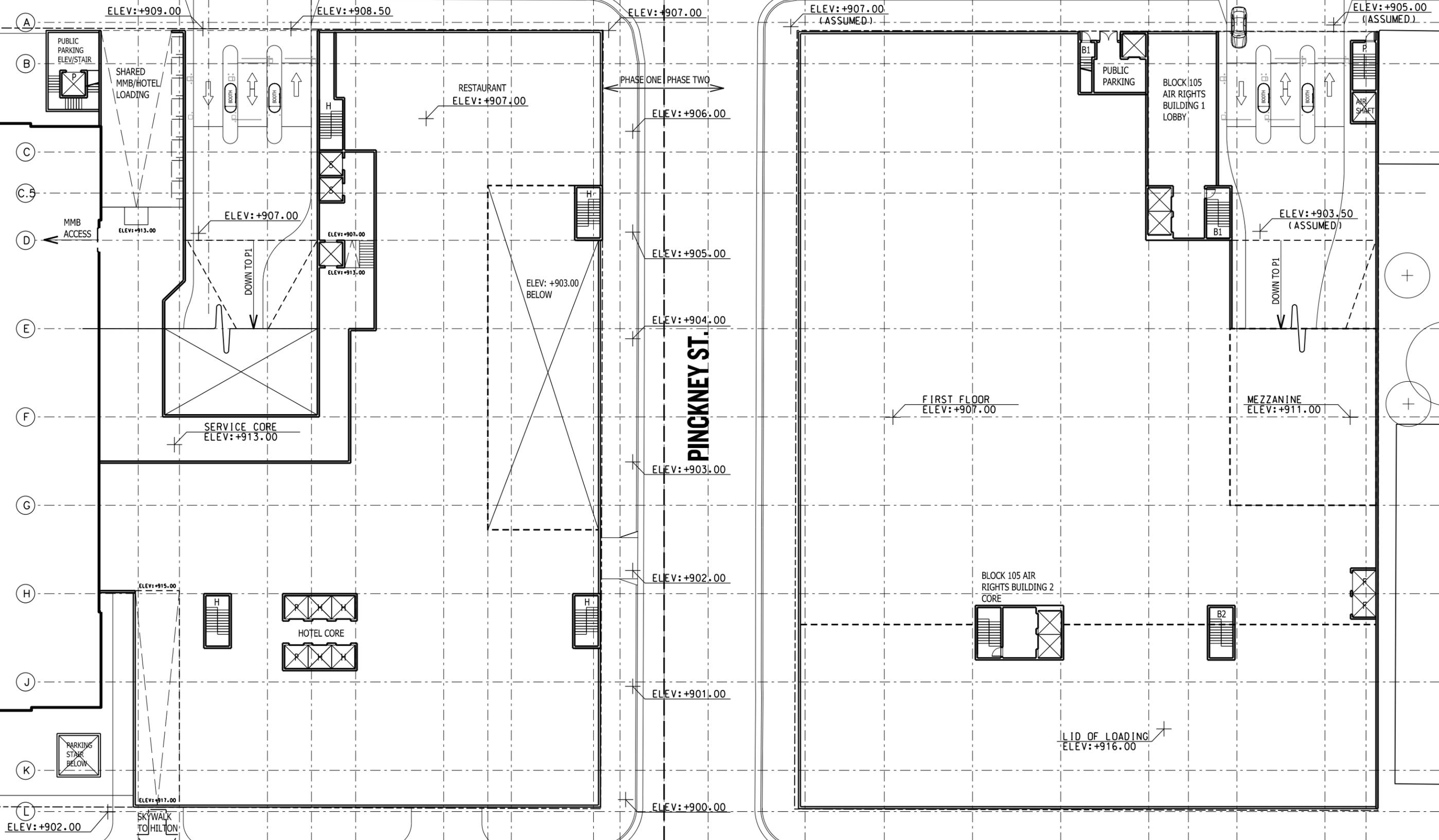
The main entry and covered drop-off for the hotel is located on Wilson Street creating a synergy with the Hilton Hotel located directly across the street. The drop-off provides direct access for guests and valet to the parking garage. Parking for the hotel is accessed from both Doty Street and Wilson Street; valet exit is on Pinckney. Loading and service is on Doty Street; a combined loading zone is shared between the existing MMB and hotel. A skywalk across Wilson Street is at the level of the main floor of hotel and provides access to the Hilton Hotel and Convention Center.

The new proposed hotel building is 10 stories at the center of the block and steps down to 8 stories along Wilson Street and steps down to a 6 stories at Doty Street. The concept plans for a hotel that does not include the Madison Municipal Building are presented in Exhibit D.

DOTY STREET

ONE WAY →

1 2 2.3 3 3.5 4 5 5.5 5.8 6.8 7 7.5 8 9 10 11 12 13 13.5 14 15 16

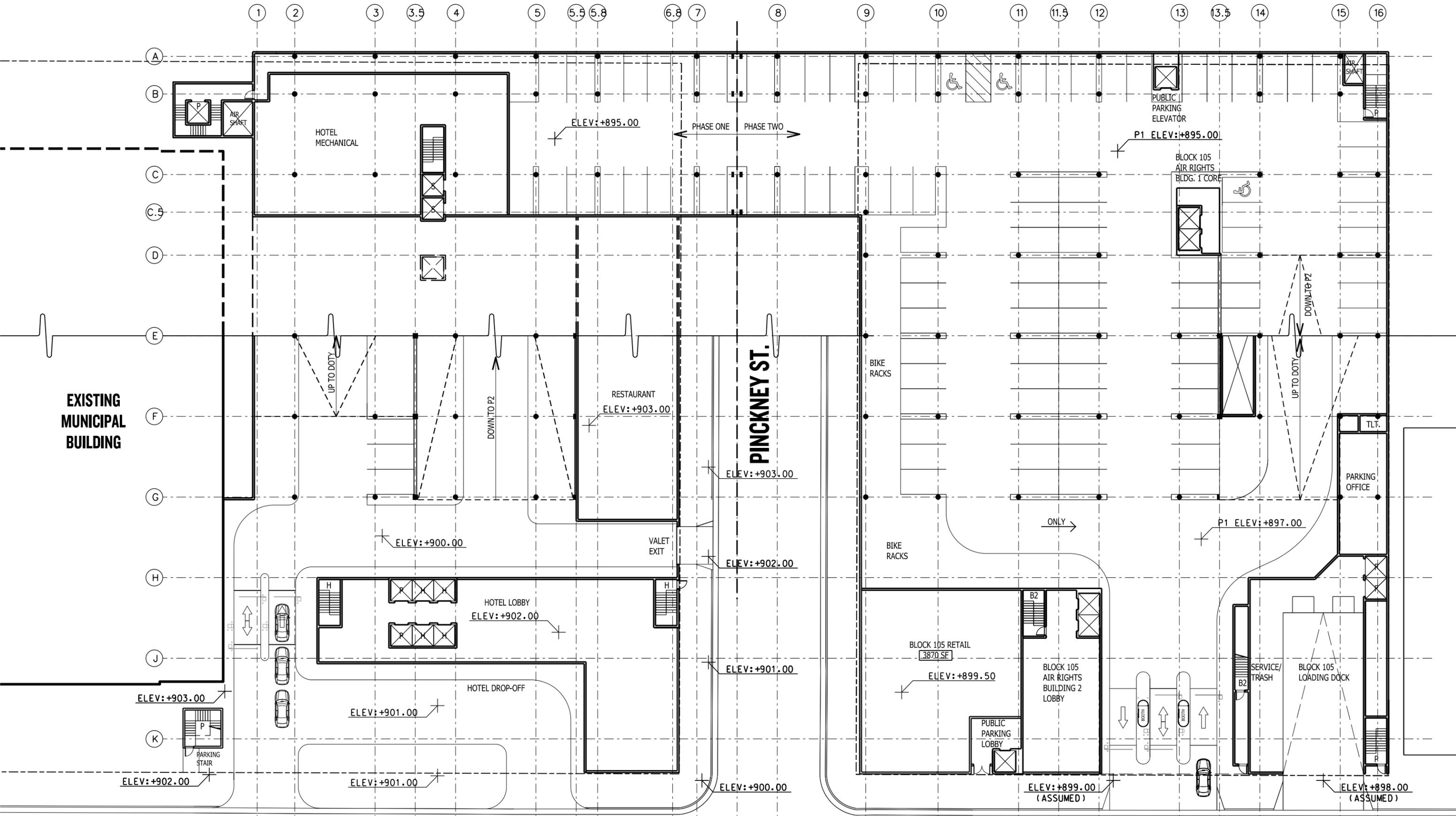


WILSON STREET

← ONE WAY

OPTION B
MADISON BLOCK 88 + BLOCK 105 PARKING
DOTY STREET LEVEL : 01



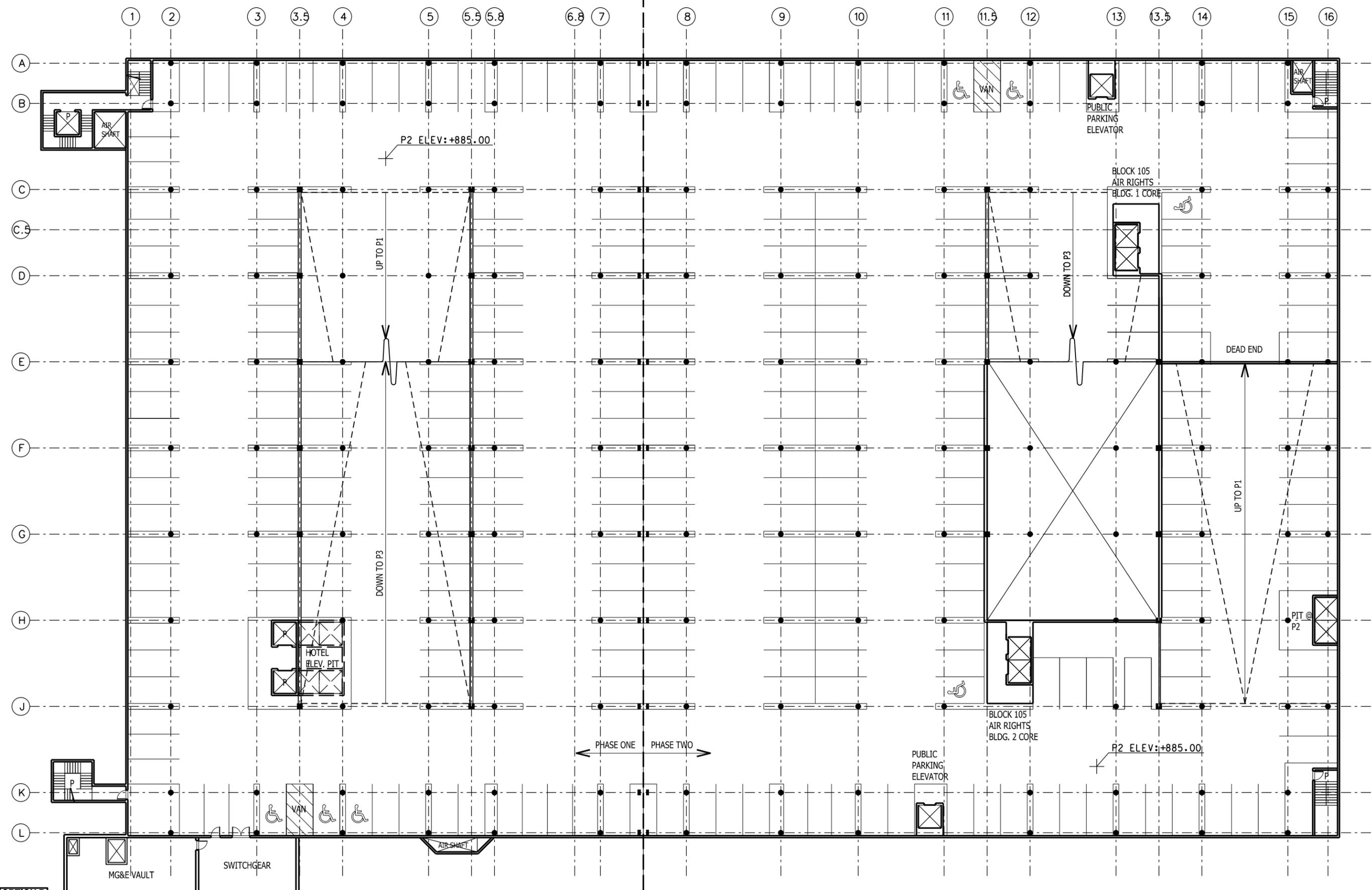


OPTION B
MADISON BLOCK 88 + BLOCK 105 PARKING
WILSON STREET LEVEL: P1

WILSON STREET
 ONE WAY

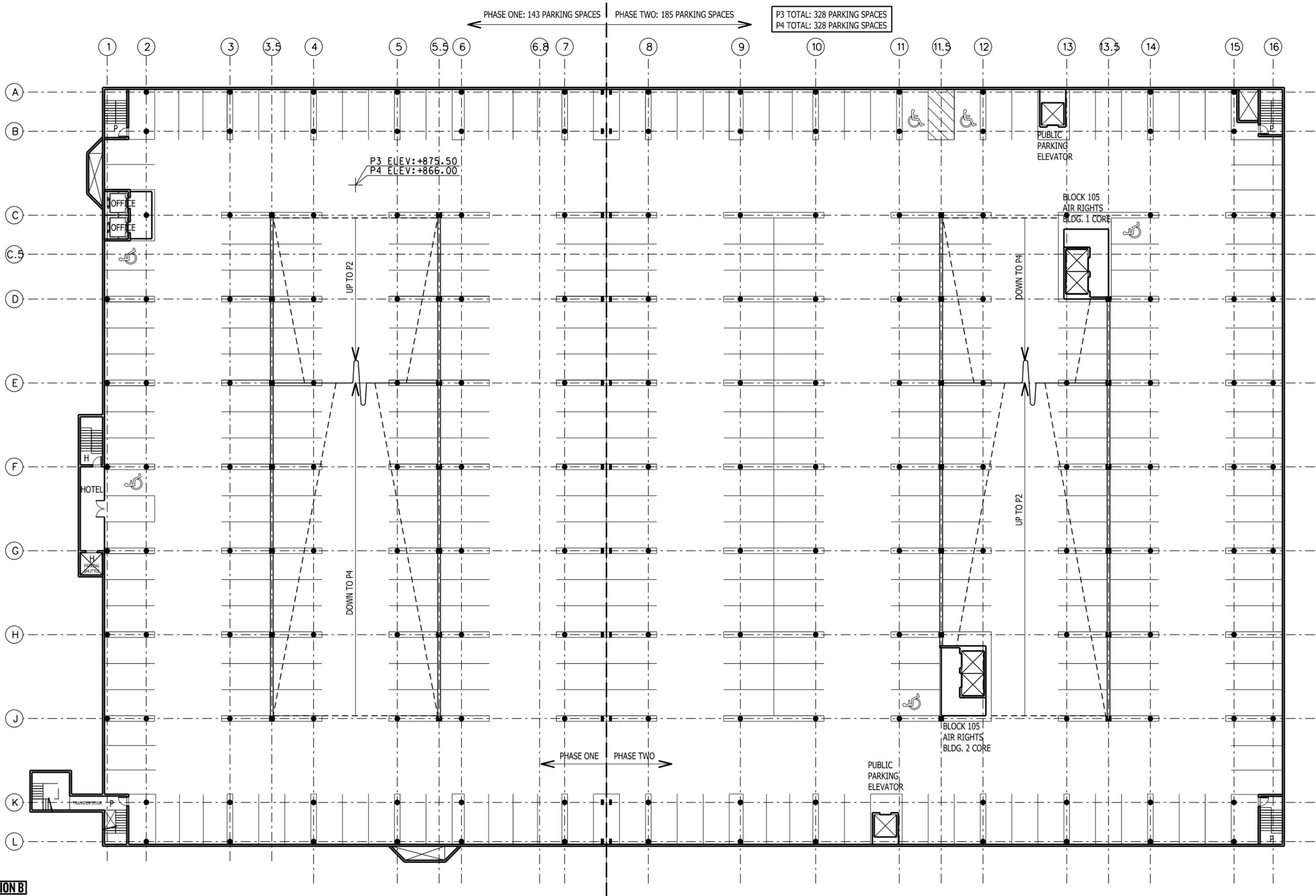


PHASE ONE: 139 PARKING SPACES PHASE TWO: 162 PARKING SPACES P2 TOTAL: 301 PARKING SPACES



OPTION B
MADISON BLOCK 88 + BLOCK 105 PARKING
PARKING LEVEL: P2

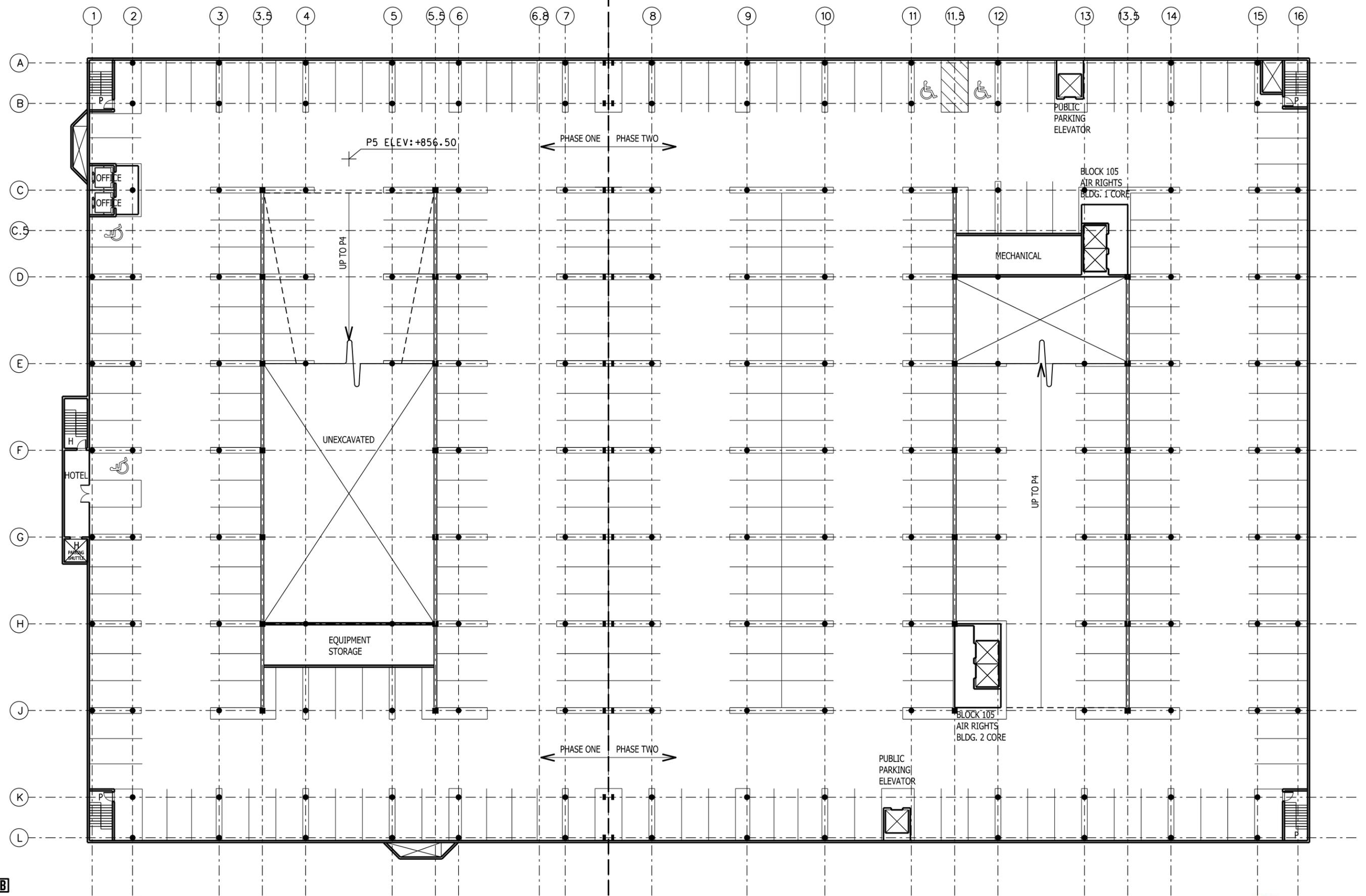




OPTION B
MADISON BLOCK 88 + BLOCK 105 PARKING
PARKING LEVELS: P3 / P4



PHASE ONE: 112 PARKING SPACES | PHASE TWO: 159 PARKING SPACES | P5 TOTAL: 271 PARKING SPACES



OPTION B
MADISON BLOCK 88 + BLOCK 105 PARKING
PARKING LEVEL: P5



SECTION 2 - OWNERSHIP, FINANCING AND OPERATION

THE PARKING RAMP

Introduction

The second area of investigation in the Joint Planning Process with Marcus/ULI was a review of the potential real estate, financing and project delivery issues for a parking facility under Blocks 88 and 105 and a hotel development on Block 88. Section 1 of this report presented the physical planning for the development of an underground parking facility and a hotel in Block 88, describing two alternative configurations for the hotel, one incorporating Madison Municipal Building and one not.

A Condominium Structure is the Optimal Form of Ownership

The parking ramp will be a unitary physical structure comprising: (1) a municipal parking facility to be developed and operated by the City of Madison Parking Utility and owned by the City of Madison, and (2) a privately owned parking facility serving the hotel development and air rights development above the parking ramp. The privately owned parking facility is intended to serve the uses of at least two, and possibly multiple, owners of the property interests above the parking ramp, which will include the owner of the hotel development and one or more owners of the other air rights development(s). To that end it will include the construction of additional parking capacity to be held in reserve for the needs of future above-ground development.

The parking ramp will include structural supports and other infrastructure (loading dock, trash facility, elevator shafts, entry lobbies, stair towers) to provide the structural capacity, vertical circulation and common facilities required for maximum utilization of the parking ramp and planned and potential above-ground development. In order to reduce the costs of parking, it is assumed that it will be highly desirable that certain elements of the ramp, such as entrance /exit ramps, air shafts, electrical vaults, utility connections and loading docks will be shared between all condominium owners. The structure and footings in the parking ramp will be shared by the above grade air rights development.

The respective property owner interests will need to agree collectively upon the allocation of responsibilities for designing and constructing the parking ramp and its shared physical elements and facilities. Then, as the parking ramp and the developments to be served by the parking ramp are brought into operation, the respective property owners will need to define and agree upon the terms upon which they will share the use of and responsibility for the parking ramp. These responsibilities include performance and payment of construction, repair, maintenance, replacement and renovation; payment of ongoing expenses for utilities, services and other expenses of operation; and continuity of management and operation of these items and enforcement of the respective owners' obligations.

The development, construction and operation of the parking ramp will need to comply with City of Madison public works project bidding requirements applicable to the municipal parking facility component of the ramp.

Conventional property rights instruments such as easements, leases or licenses are likely to be unsuitable for defining the ownership rights and allocated benefits and responsibilities for the shared physical elements, facilities and use rights of the multiple owners and users of the parking ramp. The respective interests of the owners and users will not be defined by physically demarcated ownership boundaries owned in fee; the nature of the shared uses is likely to change with circumstances and over time; and governance, management and enforcement mechanisms will be required to ensure continuity of operation and to provide a structure for making and implementing ongoing decisions consistent with the allocation of rights and responsibilities among the respective property owner interests.

A condominium structure is recommended as the appropriate ownership structure to meet these needs. Each condominium ownership unit will consist of the exclusively owned interests held by the owner of the unit, along with the unit's undivided interest in common elements shared among all unit owners, and, if applicable, the unit's undivided interest in limited common elements shared among a subset of unit owners. Each condominium unit would be separately financeable by its unit owner. The condominium declaration will define the allocation of rights and responsibilities among unit owners, and provide a governance mechanism for decision making and enforcement of unit owners' rights and responsibilities. The condominium structure does not preclude and would likely be supplemented with easements, leases, licenses or other contractual arrangements with unit owner(s) or the owners' association as an additional means of conveying or allocating rights and responsibilities in the development, and providing for operation and use of the various components and elements of the parking ramp.

The condominium units for the respective ownership interests in the condominium would consist of: the municipal parking facility, owned by the City of Madison; the private parking facility, owned by the master developer; the hotel development, owned by the hotel developer; and one or more air-rights development(s), owned by their respective air-rights developer(s). The unit owners would hold undivided interests in common elements consisting of the shared physical elements and facilities. Limited common elements (for example, common facilities shared by the private ownership interests only, but which may be required to be separated from facilities exclusive to the municipal parking unit) would likewise be held as undivided interests among the subset of unit owners sharing the benefit of those limited common elements. If necessary or desirable, license agreements could be used to allocate parking rights in the ramp on a time-shared basis, and leases could be used to provide longer-term, quasi-permanent parking rights to the air-rights development unit owner(s) in the private parking facility unit. Pursuant to this structure, the City of Madison and its Parking Utility would contribute the subterranean rights for the underground parking, and plan, finance, construct and operate the public parking component. The master developer would design and construct the private parking (including the additional private parking needed to support the future development of the air rights above the parking), take on the risk of building and operating the additional private parking in advance of the construction of the above-grade uses in return for the opportunity to develop the air rights, and would own and operate that private portion of the parking upon completion.

The development of the parking ramp will need to be observant of any applicable laws or regulations affecting publicly financed improvements that might be construed to benefit private uses.

Parking Ramp Cost Estimates

J.H. Findorff & Son provided two conceptual cost estimates for the underground parking facility as proposed in Section 1 of the report. The square footage of the five story subterranean parking garage to be built under Blocks 88 and 105 and beneath South Pinckney Street is estimated at 433,512 square feet, with a total parking supply of 1,368 stalls.

Two estimates were generated: one based on a post tensioned structural slab, and one assuming a mild steel reinforcing system. The pricing set of architectural plans for the parking ramp is included in Exhibit G. City Parking Utility staff and its owner representative, Carl Walker Parking Consultants, are in agreement that a post tensioned system would yield less cracking and more durability over the life of the garage. The two cost estimates were developed to determine if there would be a cost differential between the two structural systems for the underground parking facility. The prices turned out to be quite similar.

Exhibit E provides the detailed cost estimates developed by J.H. Findorff & Son. The estimates include a list of clarifications that provide the assumptions for developing the estimate made at this conceptual level of design. Exhibit E also includes a "Master Plan Drawing Clarifications – Revision 1" letter from Carl Walker Parking, a consultant to Marcus/ULI, which provides further clarifications on the conceptual underground parking facility design that were used in the cost estimate preparation. Costs for parking equipment and systems that meet the requirements of the Madison Parking Utility were estimated by Carl Walker and reviewed by the Parking Utility.

The total cost estimate for the garage is \$37.7million. The estimate includes an estimating contingency of 5%. The cost per square foot of the parking garage is \$86.99 and the cost per stall is \$27,566. This is well in line with industry norms.

Proposed Financing for the Parking Ramp

Because many elements of the parking ramp will be shared and used in common by the Parking Utility and other private users, tax exempt bonds cannot be used to finance any portion of the parking ramp. The best financing option for the ramp may be taxable bonds.

The optimal financing for the portions of the parking ramp that will be used by the hotel and other private users is based on the model that was developed for the Dayton/Pinckney ramp and for the Block 89 parking ramp. This financing concept assumes that the ramp is owned by the Community Development Authority, which would issue taxable bonds to finance the construction of the ramp. The parking ramp would be leased by the CDA to the City of Madison. The City of Madison would in turn lease the parking ramp to each of the private users under operating leases, with the users being responsible for all costs of financing, operations and maintenance. Once the bonds are fully amortized, each private user would have the opportunity to either extend the term of its lease for parking or purchase its condominium interest in the parking ramp. Under this financing structure the substantial operating deficits associated with the underground parking would be minimized, since the ramp would be exempt from real estate taxes while it is owned by CDA and it is possible that no credit enhancement would be required to support the taxable bonds.

The Parking Utility would use taxable bonds to finance the portion of the ramp that it owns and operates under the proposed condominium structure. The estimated issuance costs and interest rates associated with taxable bond financing that was provided by Robert W. Baird is attached as Exhibit F.

The Development Cost Budget and Break-Even Analysis for the Parking Ramp

A Development Cost Budget and Break-Even Analysis for the parking ramp is presented on the following page. The analysis separates out the costs for a 1,361-space underground parking facility into three components:

- 600 stalls to be owned and operated by the Parking Utility which replace the Government East garage;
- 200 stalls required to support the hotel; and
- 561 required to support other air-rights development

The construction and development costs were allocated proportionately to the parking stalls available for each of the user groups.

The budget assumes that Parking Utility contributes the subterranean property on Block 105 that it currently owns to the condominium interest it will acquire. The Parking Utility also owns the air rights that will be located above the portion of the parking ramp that is in Block 105. Based upon an assumed air rights value of \$100 per square foot, the Parking Utility may receive more than \$5,000,000 from the sale of air rights above 52,488 square feet of area that will be used for private development. Proceeds from this sale will significantly reduce the cost of creating the 600 stalls of parking to be owned and operated by the Parking Utility. The Parking Utility should recognize that it may not realize these sales proceeds until the development of the air rights above the Block 105 portion of the ramp is committed and ready to proceed.

Land behind MMB and beneath Pinckney Street is presently owned by the City of Madison. The financial model assumes that the City sells the subterranean space required to build the parking ramp for an assumed value of \$60 per square foot. It can also sell the air rights above the parking ramp required for development of the hotel and other uses. The value of the air rights has been assumed to be \$100 per square foot, but the potential air rights sale in Block 88 is not reflected in this parking cost analysis.

Taking into account the construction costs for a post tensioned ramp, land costs, development fees and financing costs, the conceptual financing scenario assumes that taxable revenue bonds in the amount of \$45 million would be issued to finance the parking construction. Approximately \$15 million of the cost (net of Block 105 air rights sale proceeds) is attributable to the Parking Utility's stalls, \$8 million to the hotel's stalls and \$22 million to the stalls dedicated to the other air rights development.

The analysis assumes the ramp will be financed with floating rate taxable bonds with an interest rate of 2.5% based on estimates from John Mehan of Baird. The financial model shows that each parking stall will require revenue of approximately \$223 per month to break even. A parking stall in the proposed ramp that is leased to a monthly office user at current market rates will generate revenue of \$135 per month, which creates a deficit per stall of approximately \$88 per month. These parking deficits will need to be absorbed into and supported by the air rights developments. The use of tax-increment

Development Cost Budget and Break-even Analysis for Block 88/105 Parking Ramp

I:\Development Opportunities\Block 88\package_3.7.2012\Block 88 and 105 Development Cost Projection.11.4.11.xlsx\Sheet1

	Combined Ramp	Parking Owned and Operated by Parking Utility	Parking Required to Support Hotel	Parking Required to Support Other Air Rights Development
Number of Parking Stalls	1,361	600	200	561
Percent of Total	100.0%	44.1%	14.7%	41.2%
Land Cost				
Cost of Subterranean Rights	\$ 3,576,060	\$ -	\$ 939,832	\$ 2,636,228
Land Area (sf)	112,089	52,488	15,664 b	43,937 b
Market Value per SF Assumed	\$ 60	\$ 60 a	\$ 60	\$ 60
Less: Value of Air Rights Above Parking Ramp	\$ (9,467,600)	\$ (5,248,800) c	\$ (4,218,800) c	
Air Rights Area that can be Developed (sf)	94,676	52,488	42,188	
Market Value per SF Assumed	\$ 100	\$ 100	\$ 100	
Construction Cost for PT Ramp per Findorff Estimate	\$ 37,710,907	\$ 16,624,941	\$ 5,541,647	\$ 15,544,319
Architectural and Engineering Design Fees	\$ 1,500,000 d	\$ 661,278	\$ 220,426	\$ 618,295
Architectural and Engineering Fees for Construction Administration	\$ 600,000 d	\$ 264,511	\$ 88,170	\$ 247,318
Parking Utility Peer Review	\$ 100,000	\$ 100,000		
Contingency for Subsurface Conditions	\$ 500,000	\$ 220,426	\$ 73,475	\$ 206,098
Legal Fees				
For Creating Condominium Structure	\$ 130,000	\$ 57,311	\$ 19,104	\$ 53,586
Borrowers Counsel	\$ 15,000 e	\$ 6,613	\$ 2,204	\$ 6,183
Public Approvals and Other	\$ 100,000	\$ 44,085	\$ 14,695	\$ 41,220
Builders Risk Insurance	\$ 85,000	\$ 37,472	\$ 12,491	\$ 35,037
Miscellaneous and Contingency	\$ 500,000	\$ 220,426	\$ 73,475	\$ 206,098
Survey of Condominium Interests	\$ 30,000	\$ 13,226	\$ 4,409	\$ 12,366
Financing Costs				
Bond Counsel	\$ 70,000 e	\$ 30,860	\$ 10,287	\$ 28,854
Underwriter Counsel	\$ 20,000 e	\$ 8,817	\$ 2,939	\$ 8,244
Bank Counsel	\$ 15,000 e	\$ 6,613	\$ 2,204	\$ 6,183
Underwriter Fee	\$ 225,000 e	\$ 99,192	\$ 33,064	\$ 92,744
Rating Agency Fee	\$ 25,000 e	\$ 11,021	\$ 3,674	\$ 10,305
Bond Trustee Fee	\$ 2,500 e	\$ 1,102	\$ 367	\$ 1,030
OS Printing and Distribution	\$ 3,000 e	\$ 1,323	\$ 441	\$ 1,237
Capitalized Interest During Construction	\$ 1,271,460 f	\$ 560,526	\$ 186,842	\$ 524,092
Construction Period (months)	27			
Interest Cost with Floating Rate Bonds	2.50%			
Developer's Overhead and Profit	6.00%	\$ 2,788,736	\$ 409,807	\$ 1,149,508
Total Projected Development Cost	\$ 44,018,863	\$ 14,950,364	\$ 7,639,553	\$ 21,428,946
Annual Operating Budget				
Annual Debt Service			\$ 485,787	\$ 1,362,631
240 Month Term for Bond Amortization	2.50%			
Operating Costs			\$ 39,685	\$ 111,315
\$ 151,000 Operating Cost without Parking Utility stalls (ULI staff estimate)				
Miscellaneous Financial Costs				
0.00% Letter of Credit Fee			\$ -	\$ -
0.125% Remarketing Fee			\$ 9,549	\$ 26,786
\$ 1,900 Trustee Fee			\$ 499	\$ 1,401
Total Estimated Annual Cost of Operation and Debt Service			\$ 535,520	\$ 1,502,133
Revenue per Parking Stall per Month Required to Break Even			\$ 223.13	\$ 223.13

Notes:

- a subterranean area required for 600 parking stalls is already owned by the Parking Utility.
- b assumes prorata allocation based on number of stalls available to hotel and other air rights development
- c value of air rights available for development may not be initially available when ramp construction begins.
- d per fee estimate from Valerio Dewalt Train and Carl Walker Inc
- e per estimate from Baird based on \$45,000,000 Variable Rate Taxable Notes
- f assumes one-half average draw. Actual cost of interest may be higher due to cost of negative arbitrage depending upon structure of draw down.

financing should be considered to reduce the initial operating deficit of the private parking component in anticipation of the tax revenue to be generated by the future above-grade development.

THE HOTEL

One of the two hotel options would utilize the Madison Municipal Building in the development (Option 1) and a second option would develop the hotel on the eastern half of Block 88, utilizing only the loading dock portion of the Municipal Building (Option 2) along with the balance of the undeveloped parcel.

Hotel Project Description

It has always been the focus of the Monona Terrace Convention Center (MTCC) Board as well as the senior leadership within the City, to increase the room count around the facility with additional full service hotels – not limited service properties with just additional rooms. And based on its research, Marcus Hospitality and Resorts (MH&R) is confident that the market can absorb these additional room nights within 24 to 36 months of opening.

MH&R has had numerous discussions with Marriott, Starwood, Intercontinental and Hyatt hotels and they all have expressed an interest in being considered as the selected brand with MH&R as the operator of the property.

Based on internal research and long term knowledge of the Downtown Madison hotel market MH&R believes that the ideal size of the planned hotel would range in room count from 275 to 300 rooms which it feels will be positively absorbed within Downtown Madison. The exact room count on both options would be based on design considerations and space planning. MH&R has reviewed the operating history of the MTCC and has evaluated the seasonal constraints for group business and suggests that the hotel contain at least 26,000 square feet of flexible meeting space with at least a 10,000 sq. ft. ballroom. This space program enables MH&R to maximize the group segment leaving the balance of the rooms for corporate transient and leisure customers. A brief description of the hotel is as follows;

- Nationally affiliated first class full service hotel brand such as Renaissance by Marriott, Westin, Intercontinental or Hyatt Hotels
- 275 to 300 rooms
- 26,000 sq. ft. of flexible meeting space (85 to 95 sq. ft. per guest room)
- one restaurant and two lounges
- indoor swimming pool and exercise facility

MH&R is well aware of MTCC's desire to have access to at least 400 rooms being developed on this site. MH&R believes that would be too big for the market and that the hotel would suffer financially given the seasonal constraints of the region in generating convention business throughout the year. MH&R further discussed the willingness to expand the current committable rooms block from 150 with the existing Hilton Hotel to a combined 350 rooms once the second hotel is completed. The 18 month advanced booking requirement would still exist. This further commitment should allow the MTCC to book more and larger groups to Madison at the seasonally optimal times.

Hotel Project Cost Estimates

Marcus Hotels & Resorts (MH&R) solicited construction cost estimates from three general contractors; Findorff, Mortenson Construction and Tri-North Builders. The estimates were provided for Option 1 (including the Municipal Building) and Option 2 (excluding Municipal Building). The Summary of the Construction Costs Comparison is summarized below. In addition, the Total Cost Summary Comparison which adds the necessary “soft cost and other related costs” such as furniture fixtures and equipment (FFE), operating supplies and equipment (OS&E) design fees, interest carry, working capital, pre-opening costs, franchise acquisition, training and contingency, is provided below:

	<u>Option #1</u>	<u>Option #2</u>
Construction Cost	\$50.4MM	\$44.6MM
FF&E/Consultant Fees	17.8MM	\$16.4MM
Capitalized Interest	5.8MM	\$5.2MM
Closing Costs/Int. Reserve	1.6MM	\$1.0MM
<u>Pre-Opening</u>	<u>1.5MM</u>	<u>\$1.5MM</u>
Total	\$77.1MM	\$68.7MM
Estim. Room Count	278 rooms	292 rooms
Cost per Room	\$277,300*	\$235,300

*It is very likely that Option #1 of \$277,300 per room will include additional costs, unknown at the present, that reflect deferred maintenance, functional obsolescence or general repair based on MH&R experience with similar age historic facilities.

The above cost estimates do not include the following;

- Parking Construction – estimated to cost \$7.6MM for 200 spaces
- Skywalk Construction – estimated to cost \$1.3MM from Block 88 to the Hilton
- Air Rights on Block 88 – estimated value of \$4.2MM per City
- Cost and condition of Madison Municipal Building – Option #1 only

By way of perspective, the Hilton was completed in 2001 at a private investment cost per room of \$124,300, which excluded the costs of land, air rights, parking and the skywalk, which were financed by the city, and this provides an apples-to-apples comparison to the current costs for the subject project.

It has been assumed that the revenues generated by the 200 hotel parking spaces are collected by Marcus and included within the Hotel proforma. It is further contemplated that the 200 spaces are somewhat convenient to one or two subterranean parking levels to reduce the distance guests will travel to the elevators carrying luggage. All of the costs of financing and operating the parking have been assumed to be the responsibility of the City.

The indoor skywalk is also an integral element of the project and is desired by prospective guests, the Monona Terrace Convention Center staff, as well as the operations team and will originate from the proposed Hotel to the second floor of the existing MH&R owned Hilton. An elevator as well as stairs in

front of the Hilton entrance will bring people directly from the new skywalk into the Hilton's first floor lobby and directly to the Monona Terrace Convention Center (MTCC).

Hotel Financing Issues

Generally speaking, the hotel financing environment has still not recovered since the market peak of 2007 and subsequent crash. Limited service hotels in major markets are only now being considered by local and regional banks while the larger full service hotels in all of the major markets have limited sources of reasonable debt. Refinancing stable operating hotels and heavily discounted reposition hotels are currently the targeted investments for the lending community, to the extent they will consider hotel financing at all, on very conservative underwriting and terms. Many institutional lenders, such as those types of banks that might be normally interested in investments such as the Block 88 Hotel, are still recovering from the massive losses experienced in all sectors over the past three years and those additional losses yet to be realized. The notion of originating new hotel loans is still foreign to these lenders and is one reason why very few full service hotels are under construction. While Marcus Corporation has a strong balance sheet and track record and a long positive history of owning and operating successful hotels around the country, access to reasonable construction financing is still quite limited. Other than this project, Marcus has no other new development plans around the country, which is the case for nearly all of the other hotel developers, particularly in the full service segment of the industry. The only exception to the rule is several convention center hotels either recently completed or in the development pipeline around the country. These projects were mainly funded thru significant public investment including projects in cities such as Indianapolis, Austin, and Columbus. A proposed 361 room Hyatt Hotel located adjacent to the Virginia Beach Convention Center was recently abandoned and included a \$67MM incentive on a \$109MM total project, at a cost of \$302,000 per room.

Those convention center projects going forward include the following;

- Columbus, Ohio. \$140MM project, 532 rooms (\$263,000 per room) opening the fall of 2012 and owned and entirely funded by the City (Franklin County).
- Indianapolis, Indiana. \$450MM project, 1,005 rooms (\$448,000 per room) opened in 2011. \$59.5MM in TIF support.
- Austin, Texas. 1,003 rooms. Contribution included free land, all entitlements and \$4.3MM in waived fees.

In all three of these examples, not only were the projects much larger in scope than any of the hotel options considered for Madison and are also in larger markets where ADR's were much higher.

Financing Terms

Currently, leverage levels are generally no more than 50% of total project costs, whether a new or existing project is involved. This limitation on debt proceeds is also coupled with terms such as variable interest rates, higher fees and full recourse. These terms are unattractive for full service hotel owners as cash flows do not support reasonable returns for the significant equity investment needed with this low level of leverage. We are hopeful that over the next 12 to 24 months the lending community will become more aggressive with leverage levels exceeding 60% to 65% and better terms.

As noted earlier, the Option #1 all in cost is at least \$277,000 per room (not including relocation costs the City would incur) and Option #2 all in cost of \$235,000 per room are both considerably above the cost basis needed to cover debt service and make a reasonable return. Building a hotel in Madison does not differ considerably in construction cost when compared to higher ADR cities like Milwaukee or Chicago, yet Madison's downtown market ADR is only \$115 for year end 2011 which is well below Milwaukee and Chicago. This market ADR reflected the premium competitive set of hotels in the region. In both cases the high development cost and low market ADR restrict the development of a full service hotel in Downtown Madison at this time.

Industry metrics suggest that \$1,000 of construction cost should equal approximately \$1.00 in room rate to provide ownership with reasonable returns. Using that benchmark would suggest that the average room rate (over a 12 month period) would need to be approximately \$277 for Option 1 and \$235 for Option 2 which are very unrealistic given the market's low average daily rate. Looking ahead to the time when the hotel is planned to open, estimated to be 2015 or 2016, the average daily rate (ADR) for the proposed hotel is estimated to be approximately \$173 – \$176 slightly ahead of where we contemplate our Hilton to perform, at that time. Our profitability on the Hilton will likely remain similar to current levels, of course, as operating expenses will increase commensurately.

Development Timing

It is contemplated that the hotel component of the redevelopment of the two blocks would not open until 2015/2016, approximately three to four years from now as the timing for the permitting, design and construction of the subterranean garage will likely take the next two years to complete with an additional two years to build the hotel. Overall timing for the planned Hotel is as follows;

- Receive conditional approval to develop hotel with the agreed upon financial support – 6 to 12 months
- Creation of detail drawings usable for pricing – 6 months
- Secure financing and the balance of the capital stack – 6 months
- Construction – 24 months once the parking platform is completed

Prefer Option #2 to Option #1

Although the incorporation of the Madison Municipal Building would potentially create a very grand statement for Madison we expect that such a program would not be the best or a popular use of City money. The overall redevelopment costs are considerably higher given the additional operational inefficiencies of converting a historic structure into the new building, additional construction risk of working with an historic structure and more ongoing maintenance costs. Also Option #1 carries the additional burden of relocating city employees as well. It is MH&R's recommendation that Option #2 be the preference compared to Option #1 based on cost and near term feasibility.

Why Not Limited Service Hotels

MH&R has explored the alternative of developing a high rise limited service hotel, such as a Courtyard by Marriott or a Hilton Garden Inn. Our objective was to evaluate an option that would increase the room count in the Downtown Madison region while also reducing the costs of construction as well as ongoing operating costs. MH&R would consider further evaluating this option. It was made very clear

to MH&R that the intent of any public subsidy was for the development of a hotel that would be more desirable for the MTCC to sell to meeting planners with amenities such as restaurants, lounges and additional meeting space.

Recommendations

MH&R's has dedicated several years in pursuit of developing a second first class hotel to support the MTCC. Our success at the Hilton has been a "win win" for the City, MTCC as well as for the community. Now, ten years later, we strongly believe that sufficient demand exists to fill these additional guest rooms; however, the challenge is achieving the high average daily rate needed to support the investment as well as the low debt levels currently available in the lending market.

In addition, we further believe there are operational efficiencies that can be garnered with both hotels being connected to each other. While there is no lack of desire to expand our portfolio further in Madison, the development of a full service hotel that works in Madison is challenged with a high cost structure in a very difficult current economic and financing climate. If you have other thoughts that would enable and improve project's feasibility in Madison, we would look forward to discussing together.

Exhibit A

Construction Schedule for the Parking Ramp

New City of Madison Parking Structure

Madison, WI

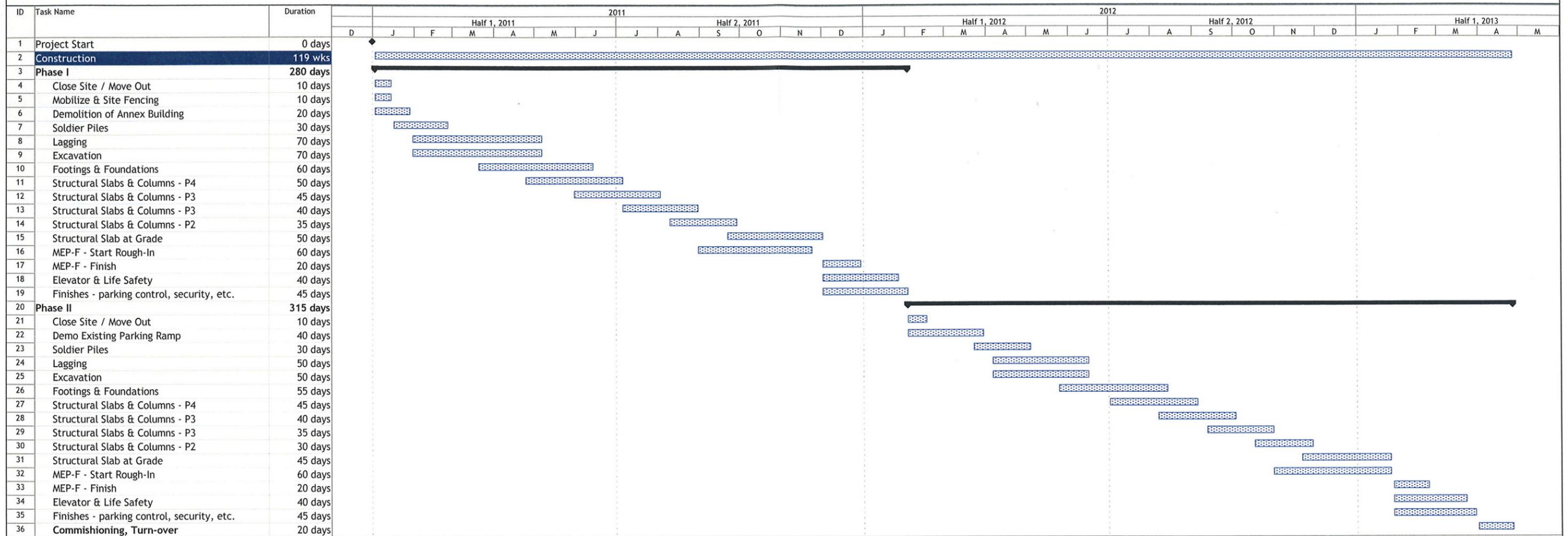
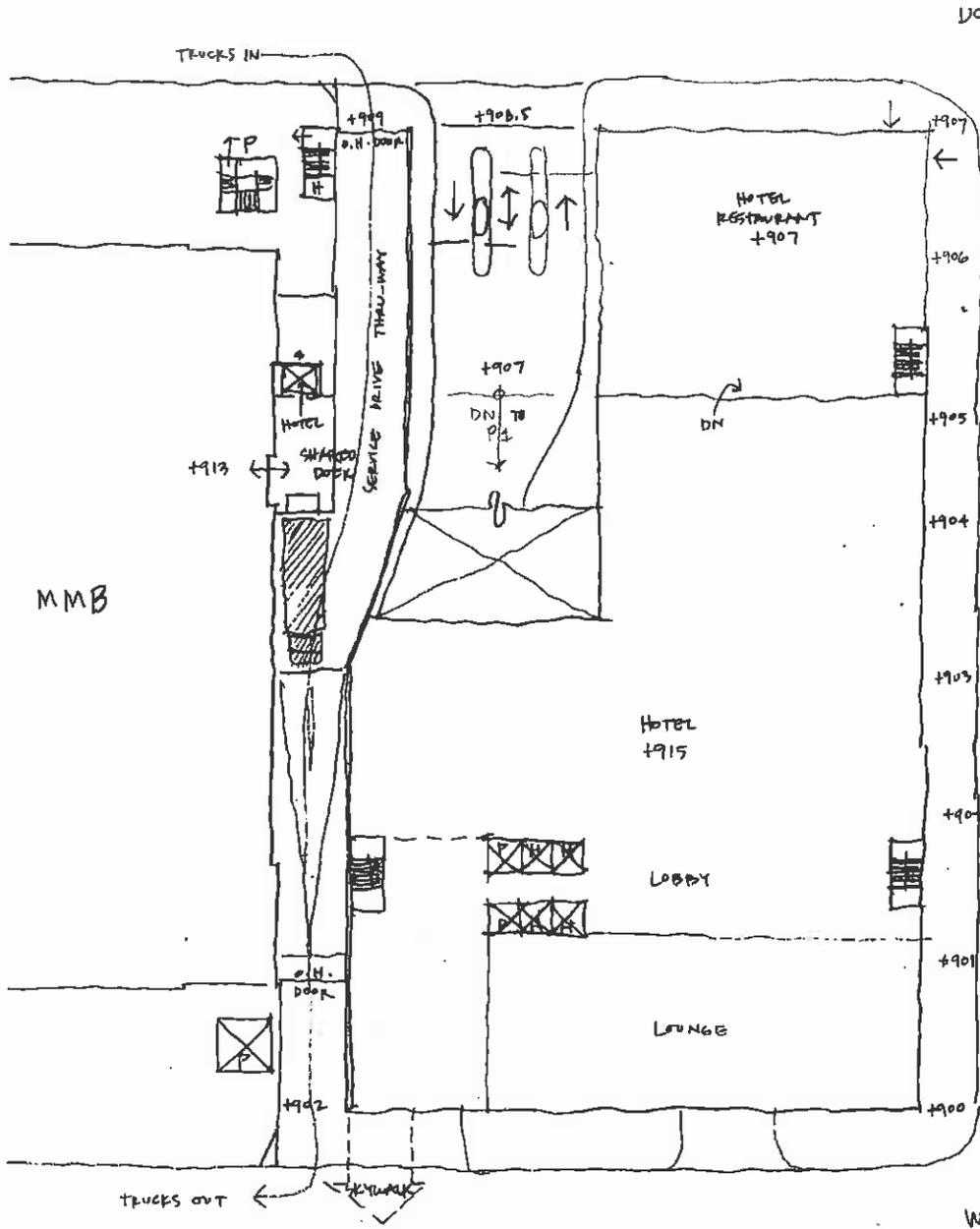


Exhibit B

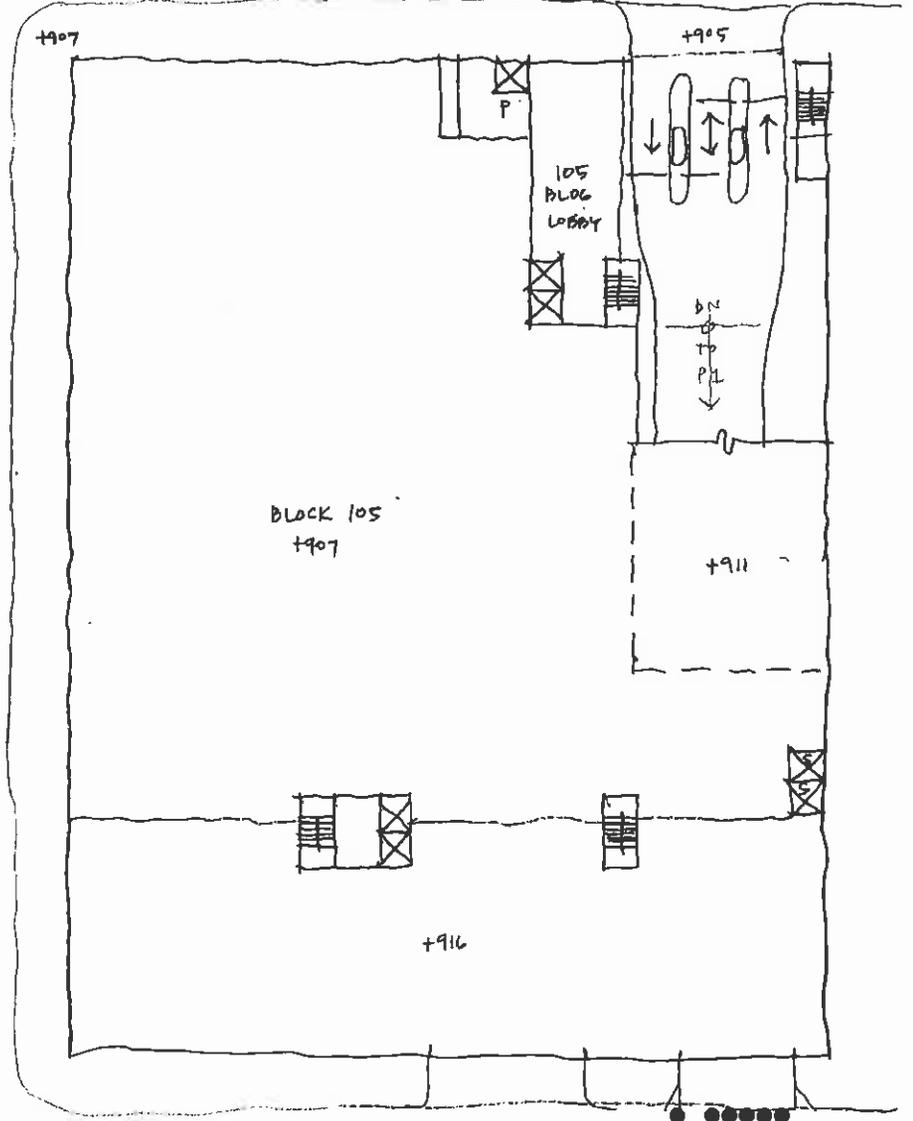
Concept Plans for a Parking Ramp with a Hotel
Development that Does Not Include the Madison
Municipal Building



DOTY STREET
→

PINCKNEY STREET

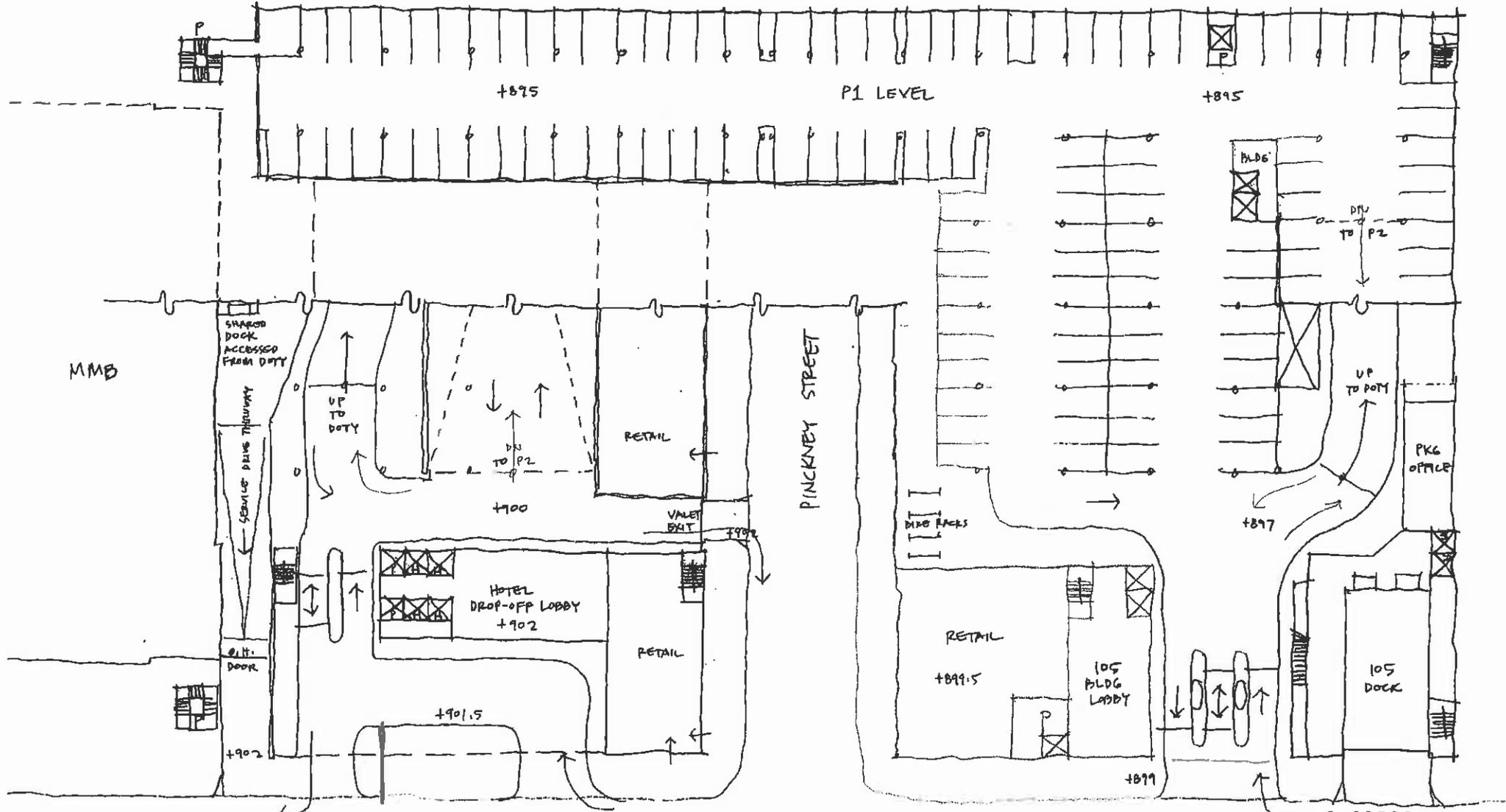
WILSON STREET
←



OPTION C



(DOTY STREET)



MMB

PINKNEY STREET

WILSON STREET

OPTION C

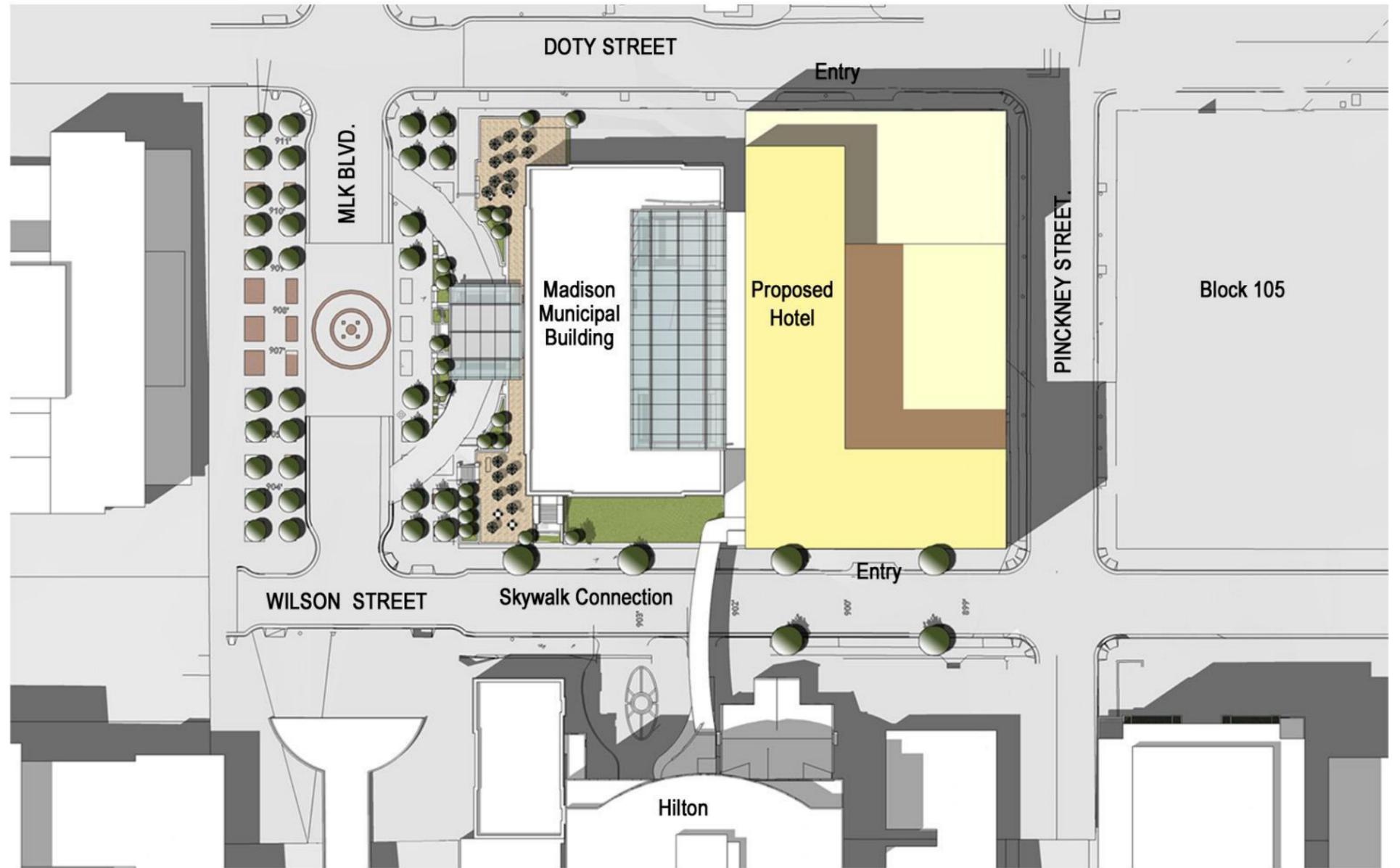
WILSON ST. LEVEL: 9. Bill

Exhibit C

Concept Plans for a Hotel that Includes the
Madison Municipal Building



Entry Landscape Plan 0 20 40 80.0'



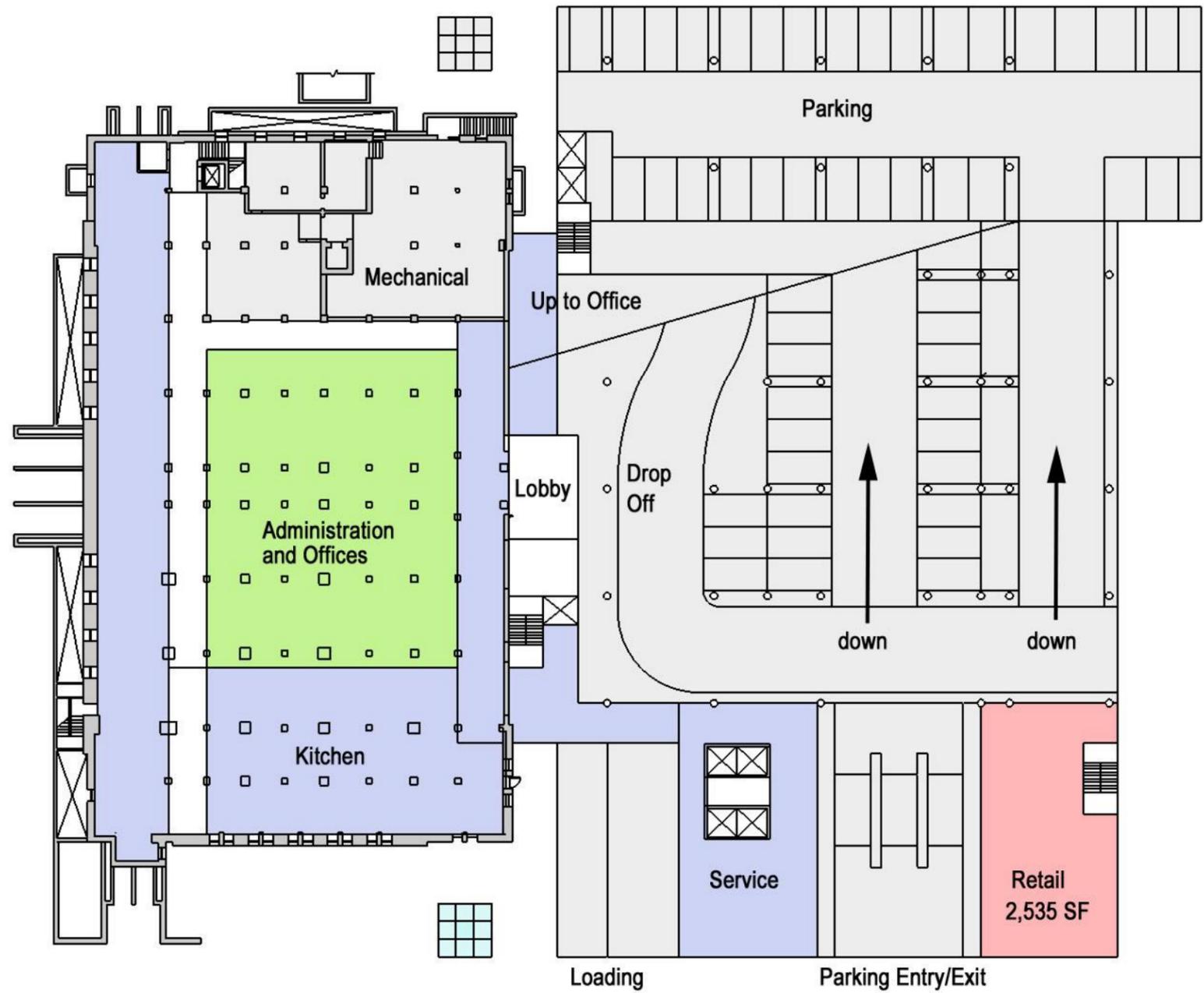
Site Plan 0 50 100 200'



eppstein uhen : architects

BLOCK 88
Madison, Wisconsin

711066-01
October 11, 2011



Lower Level Plan

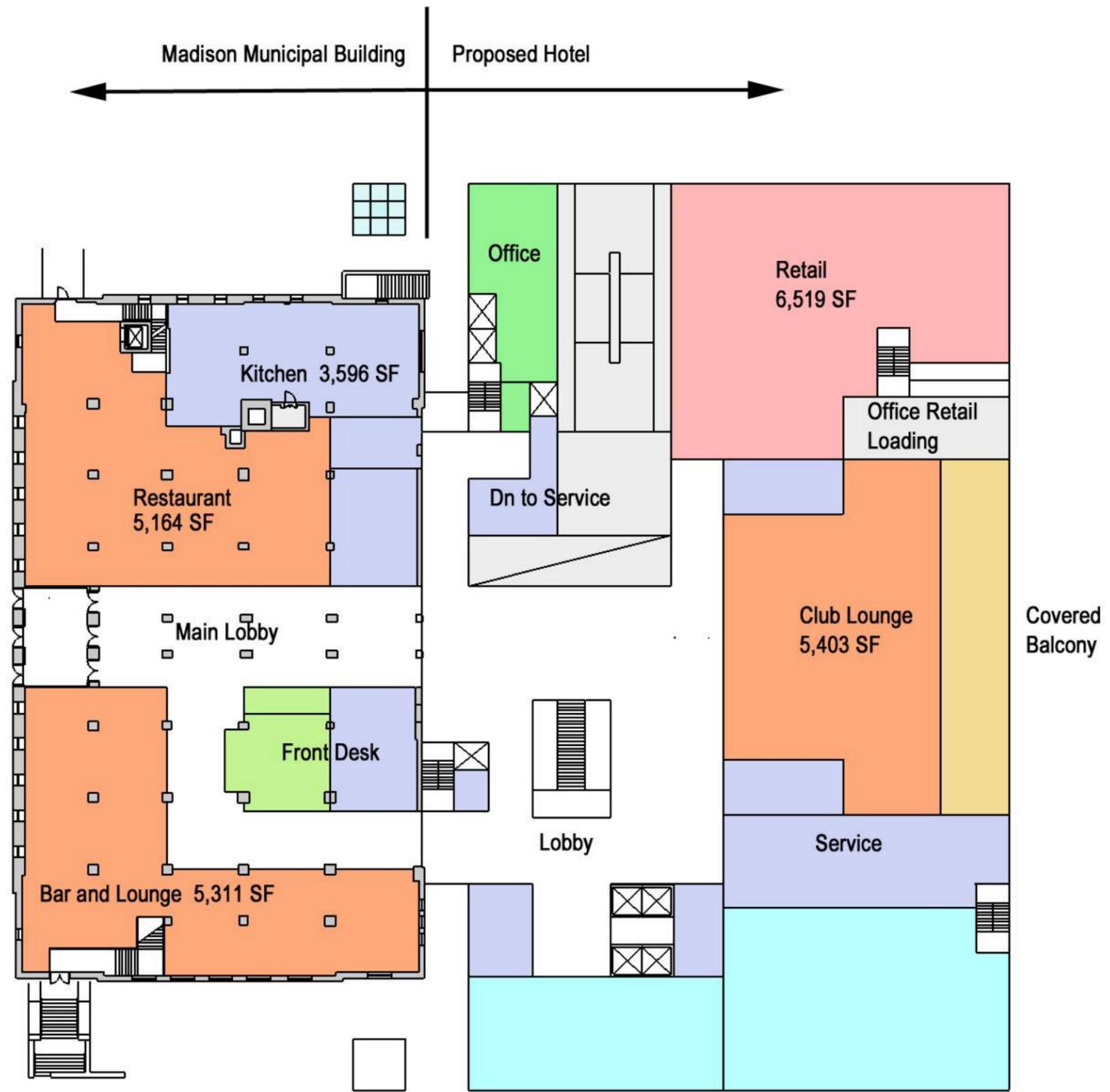


eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



Floor 1 Plan

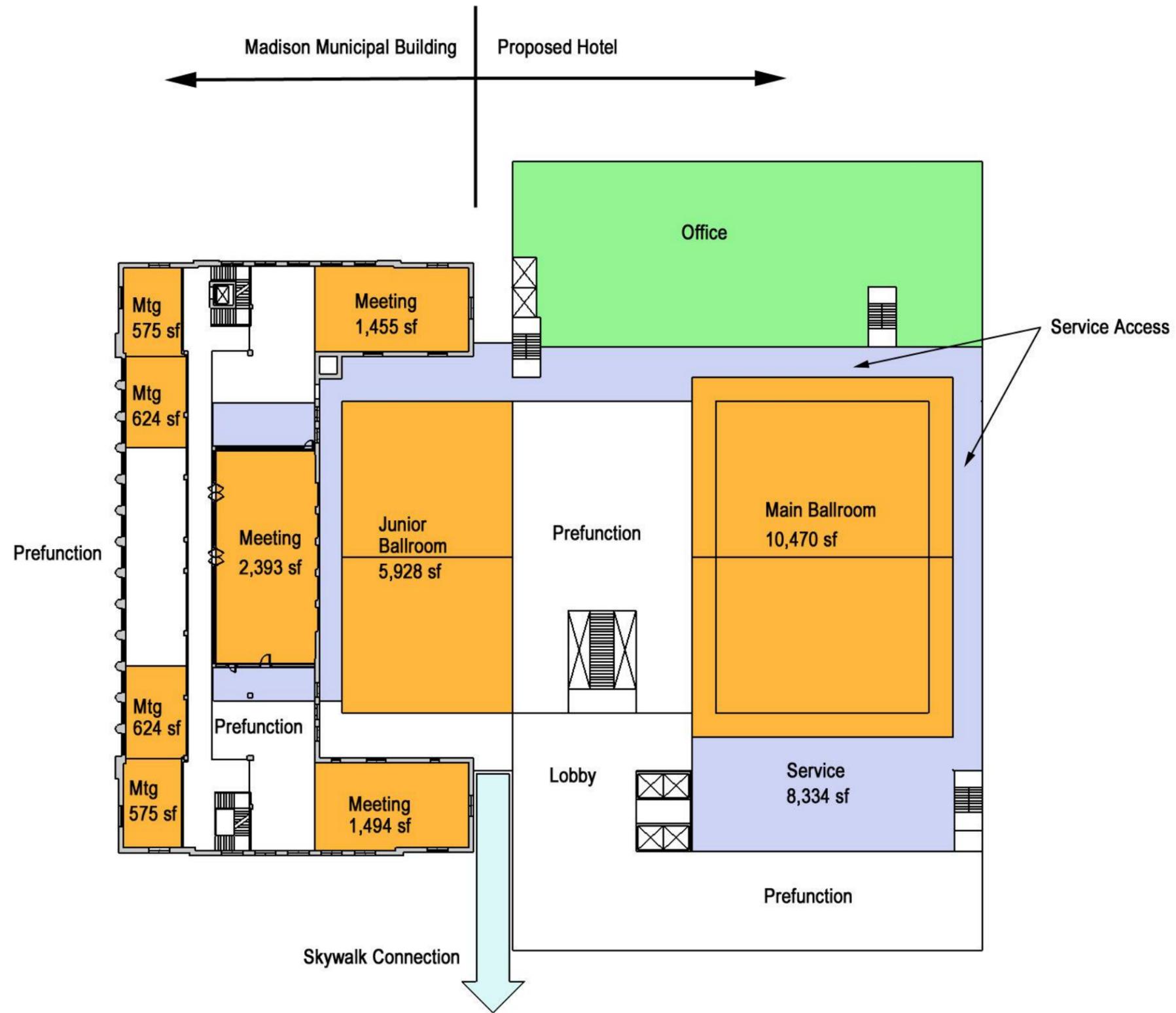


eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



Floor 2 Plan

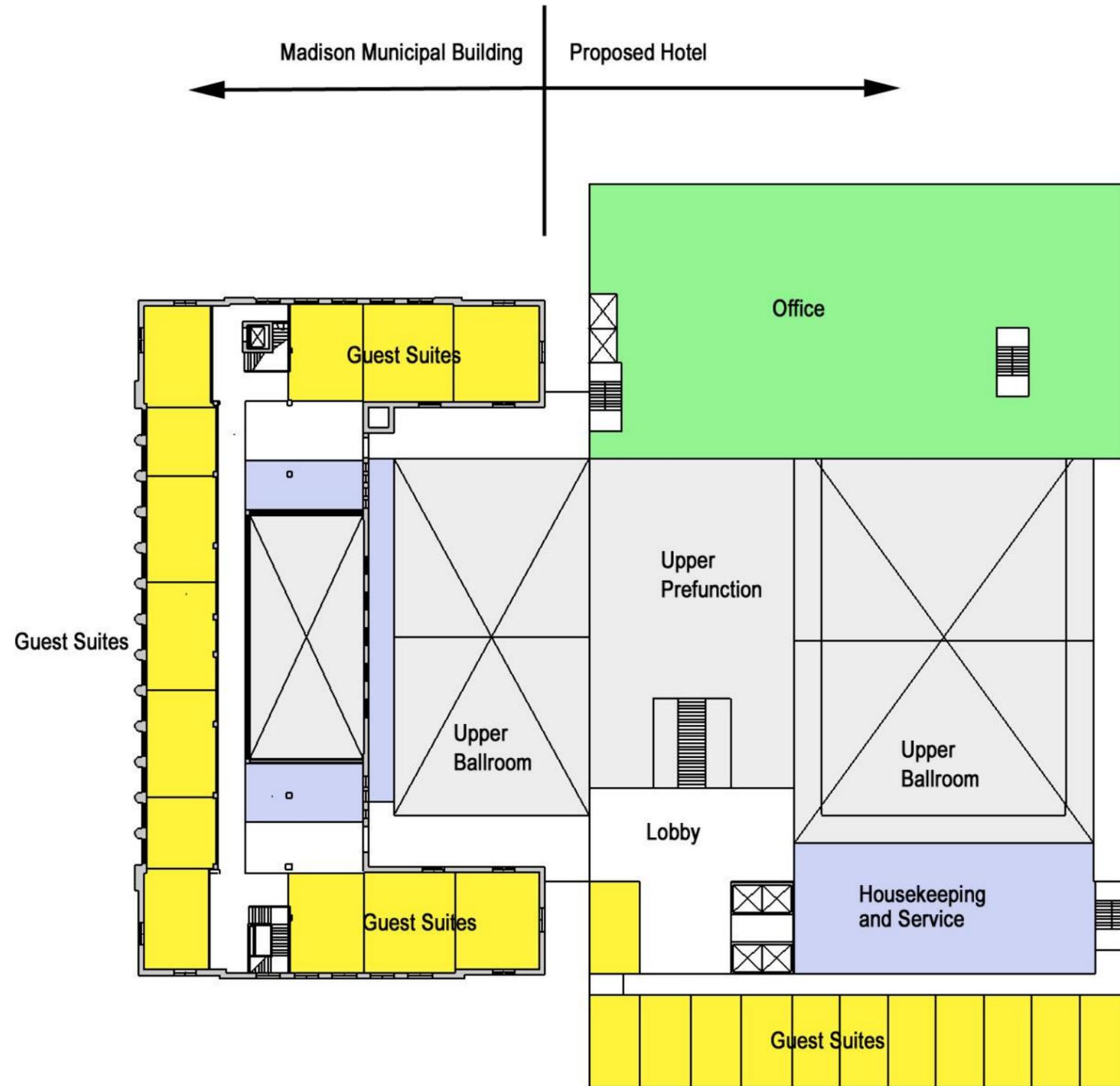


eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



Floor 3 Plan

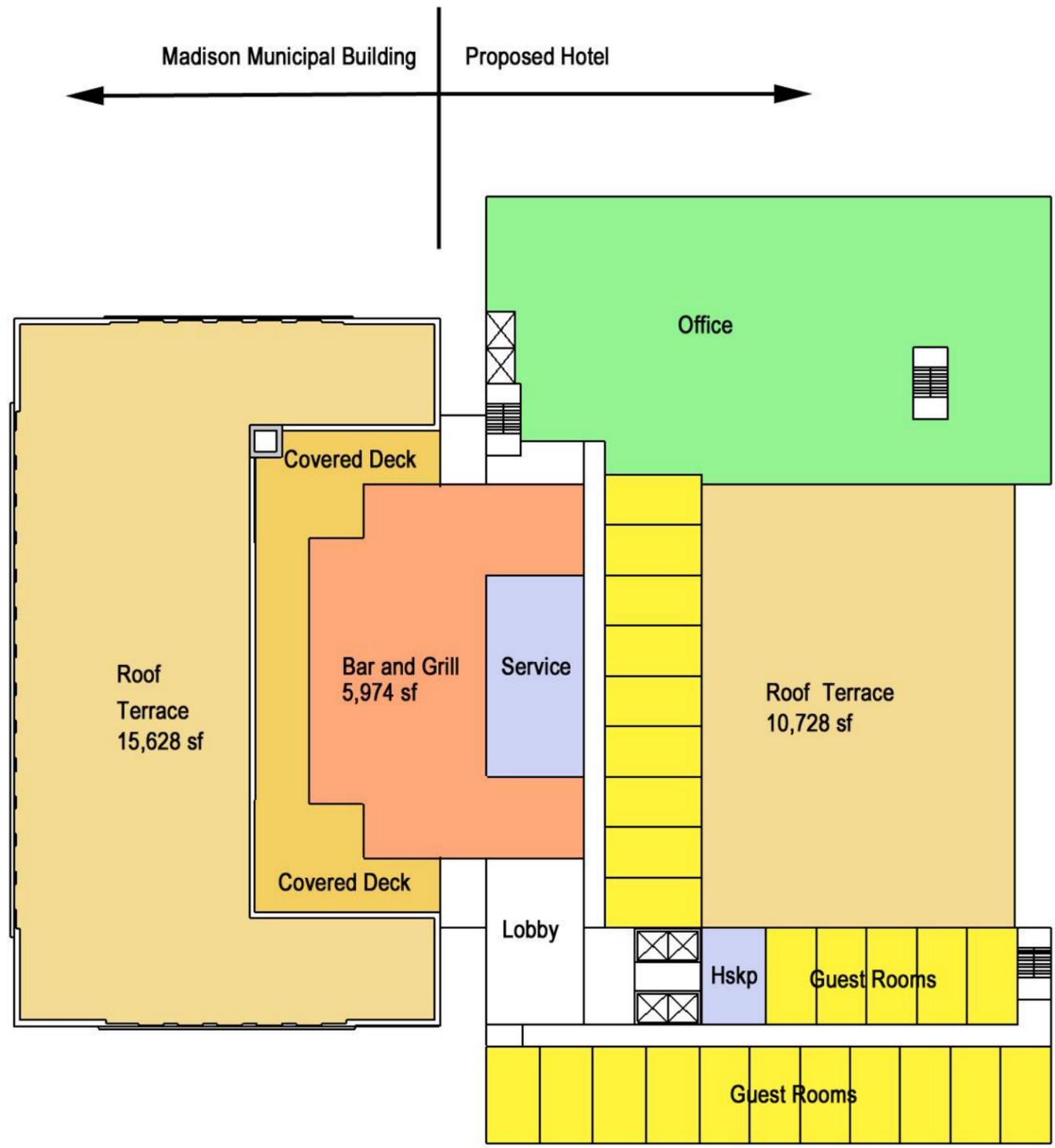


eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



Floor 4 Plan

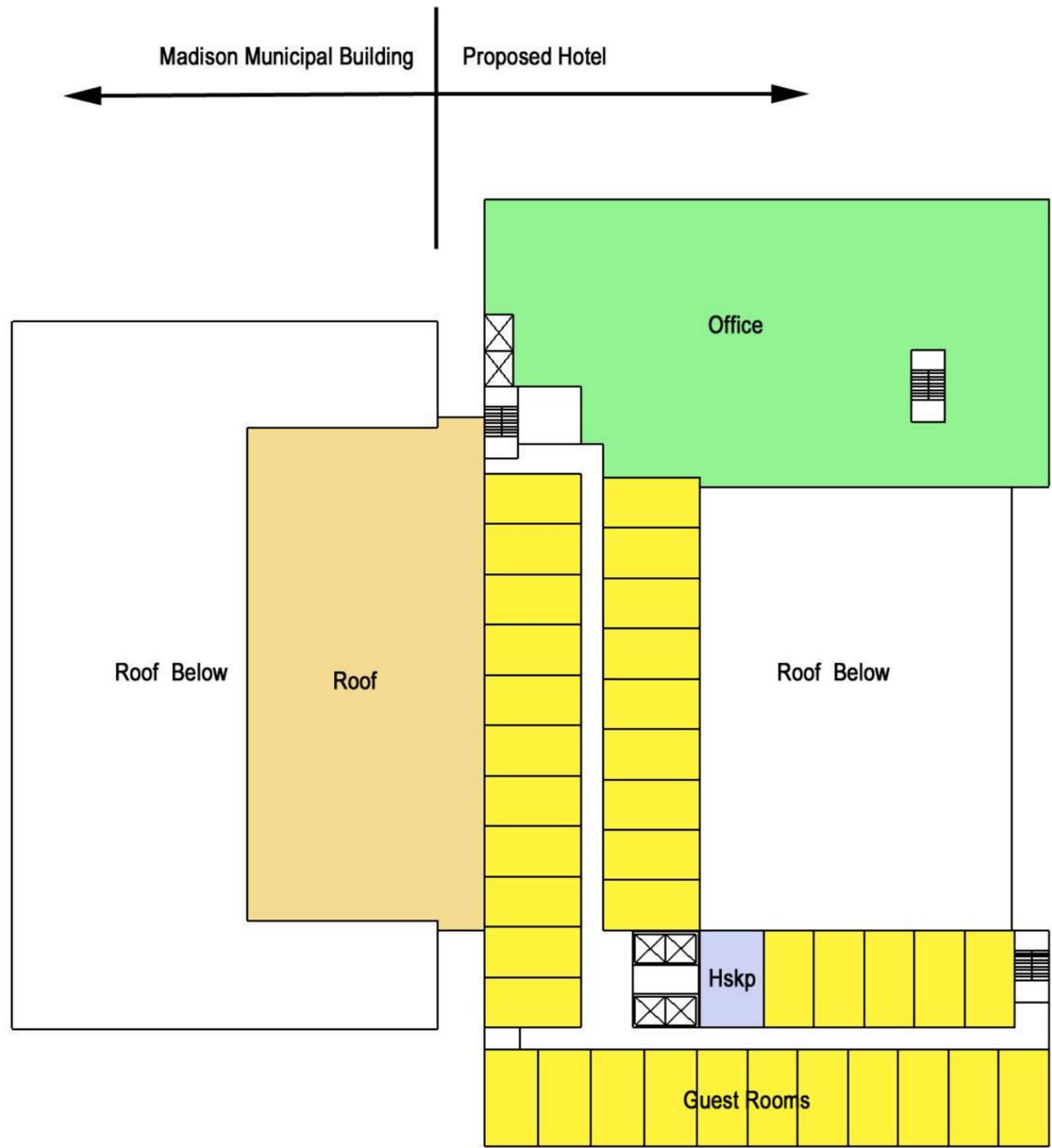


eppstein uhen : architects

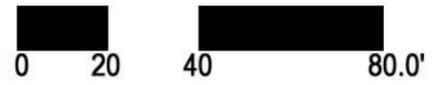
BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



Floor 5 (6 Similar)

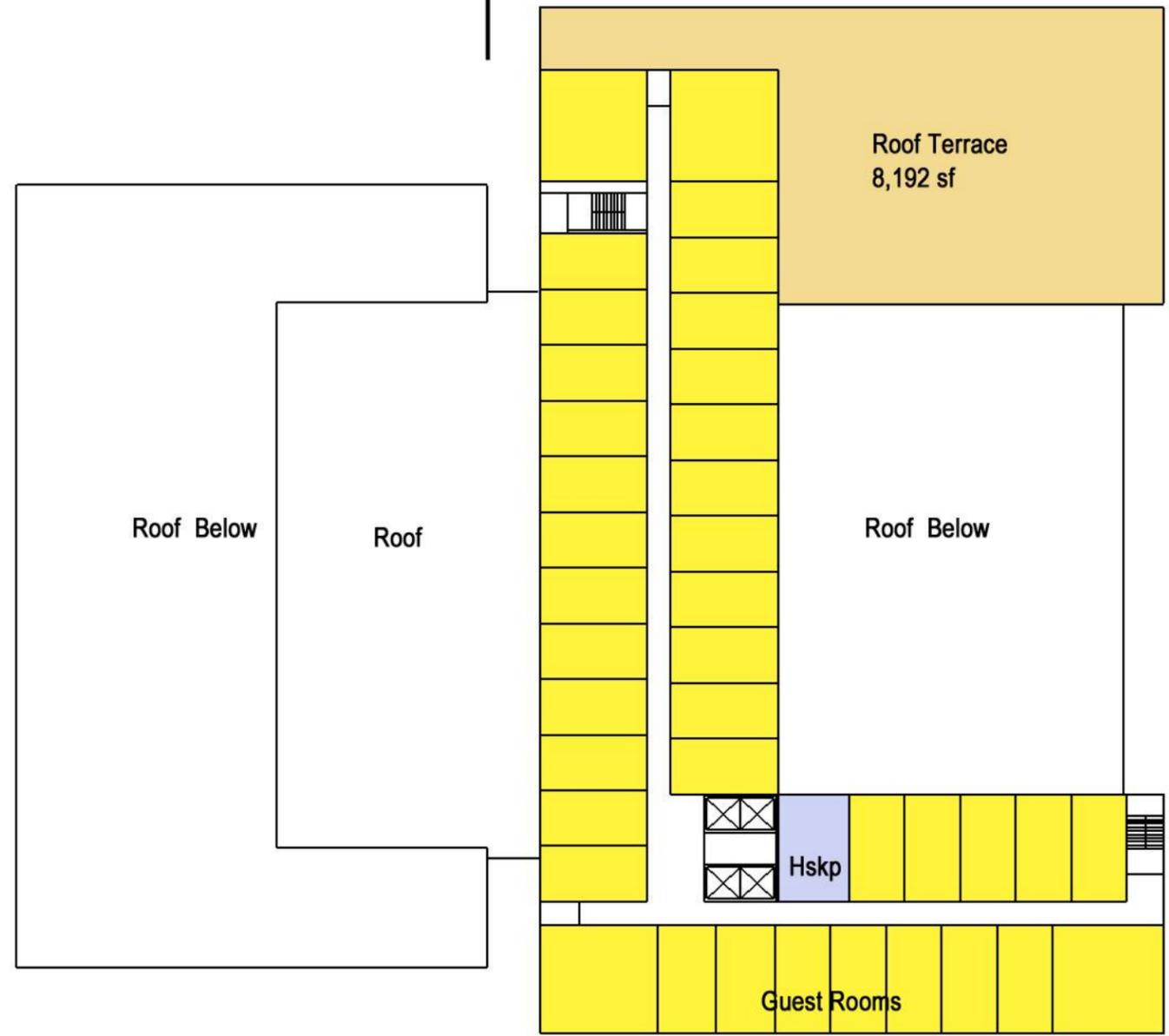
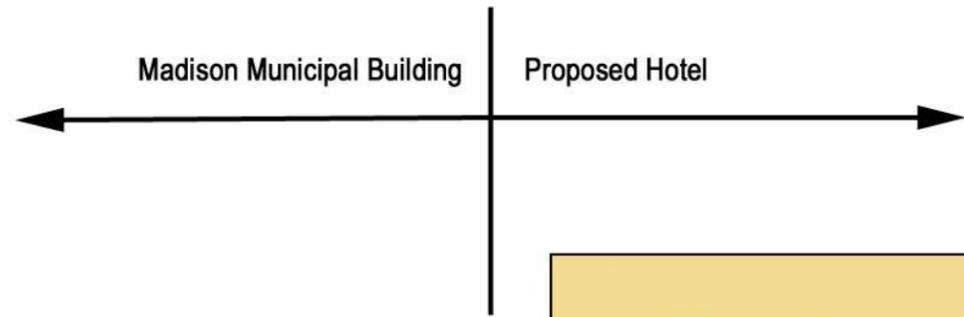


eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



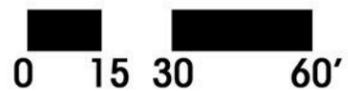
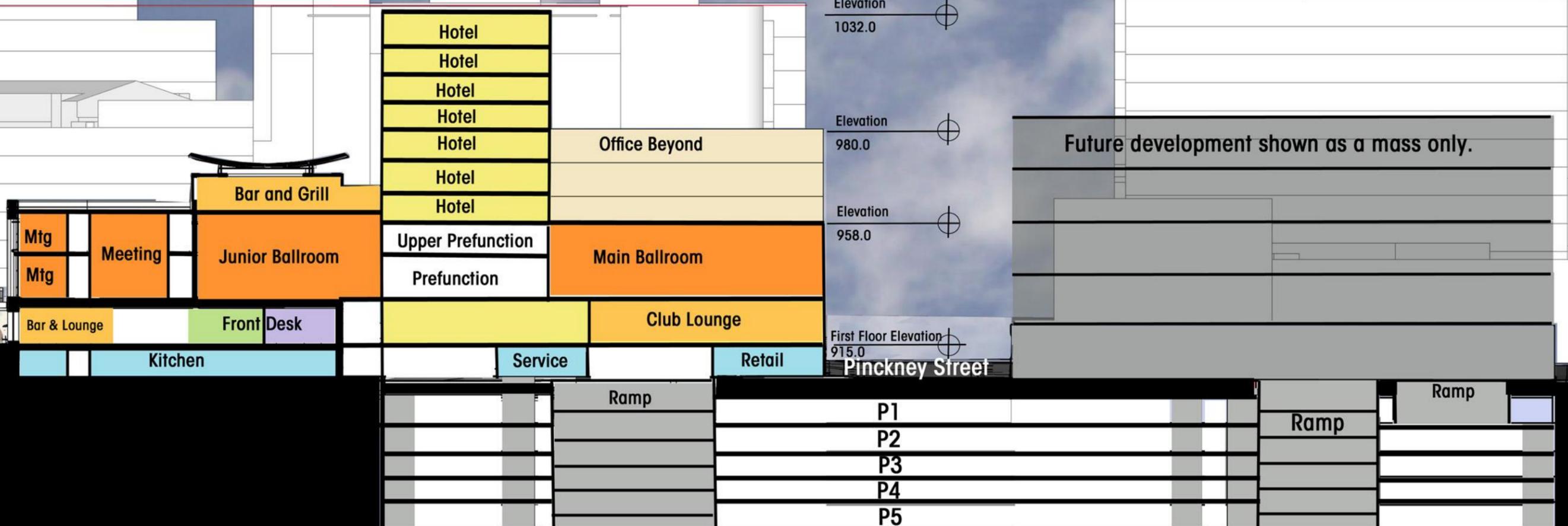
Floor 7 (8,9 and 10 Similar) 0 20 40 80.0'



BLOCK 88
Madison, Wisconsin

711066-01
October 11, 2011

Capital View Cut Off 1032.8



Site Section



eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011

Block 88 Development Including Madison Municipal Building

October 11, 2011

floor	height	elevation	existing building	new building	subtotal hotel	keys	prefunction	meeting	retail gsf	office gsf	total gsf
LL	13	902.0	21,534	6,024	27,558						27,558
1	15	915.0	21,182	37,643	58,825				6,419	1,411	66,655
2	28	930.0	22,797	30,669	53,466		9,865	25,593		9,310	62,776
3	14	944.0	14,864	11,172	26,036	25				12,046	38,082
4	12	958.0	6,828	17,995	24,823	25				11,618	36,441
5	10	970.0		17,652	17,652	36				11,336	28,988
6	10	980.0		17,652	17,652	36				11,336	28,988
7	10	990.0		19,970	19,970	39					19,970
8	10	1000.0		19,970	19,970	39					19,970
9	10	1010.0		19,970	19,970	39					19,970
10	10	1020.0		19,970	19,970	39					19,970
roof		1032.0									
totals	142		87,205	218,687	305,892	278	9,865	25,593	6,419	57,057	369,368

305,892

Cap View Limit

1032.8

Average gsf per key

1100

Average Guest Room Size = 378 sf



eppstein uhen : architects

BLOCK 88

Madison, Wisconsin

711066-01
October 11, 2011



Exterior Views

BLOCK 88
Madison, Wisconsin



eppstein uhen : architects

711066-01
October 11, 2011



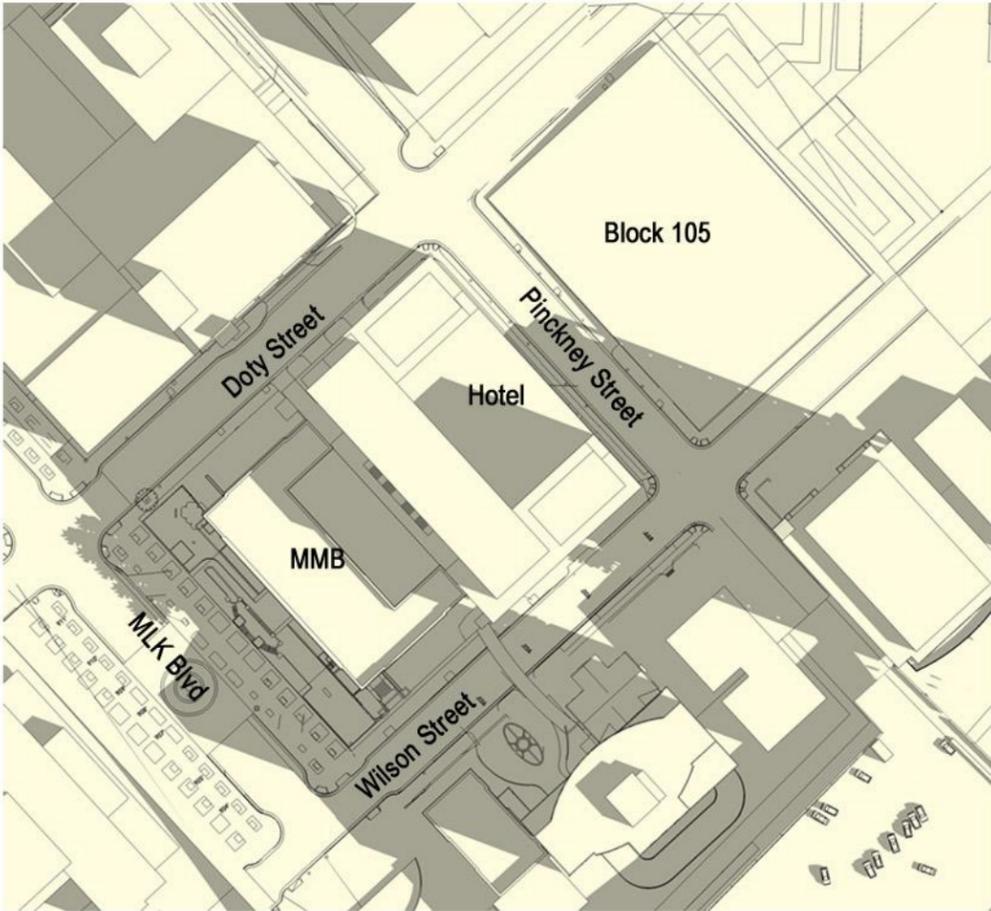
Skywalk View

BLOCK 88
Madison, Wisconsin

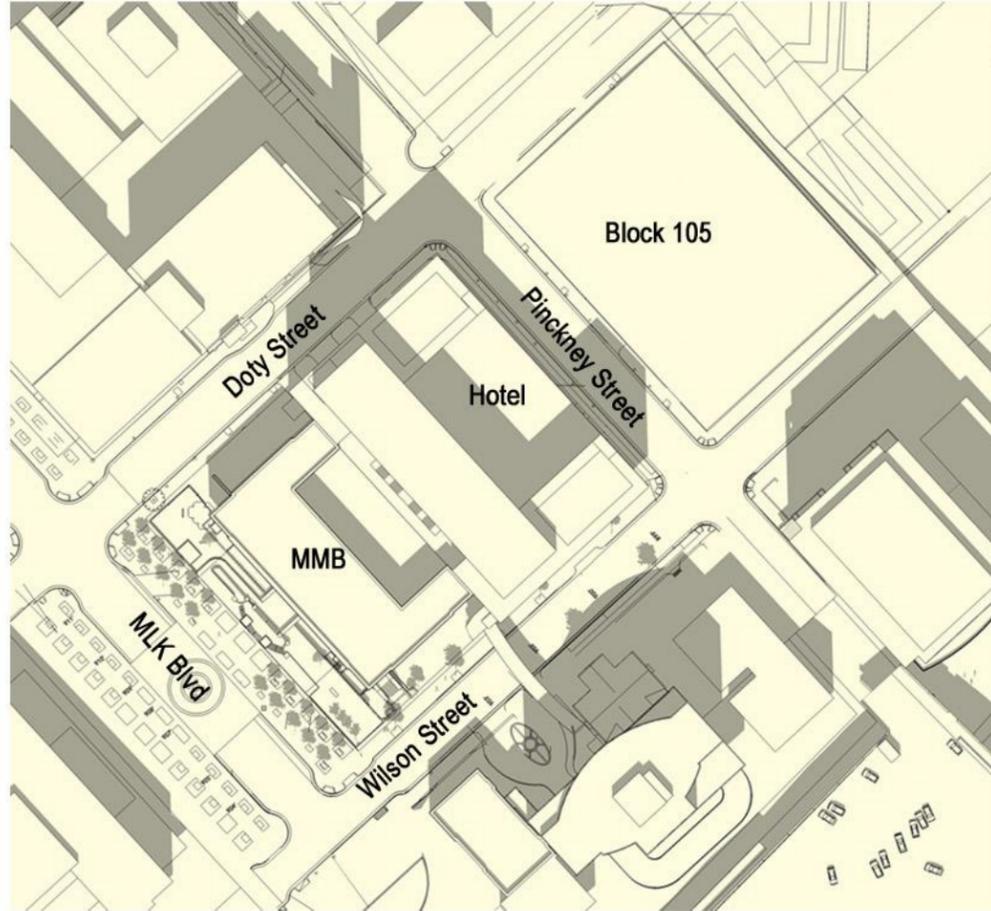


eppstein uhen : architects

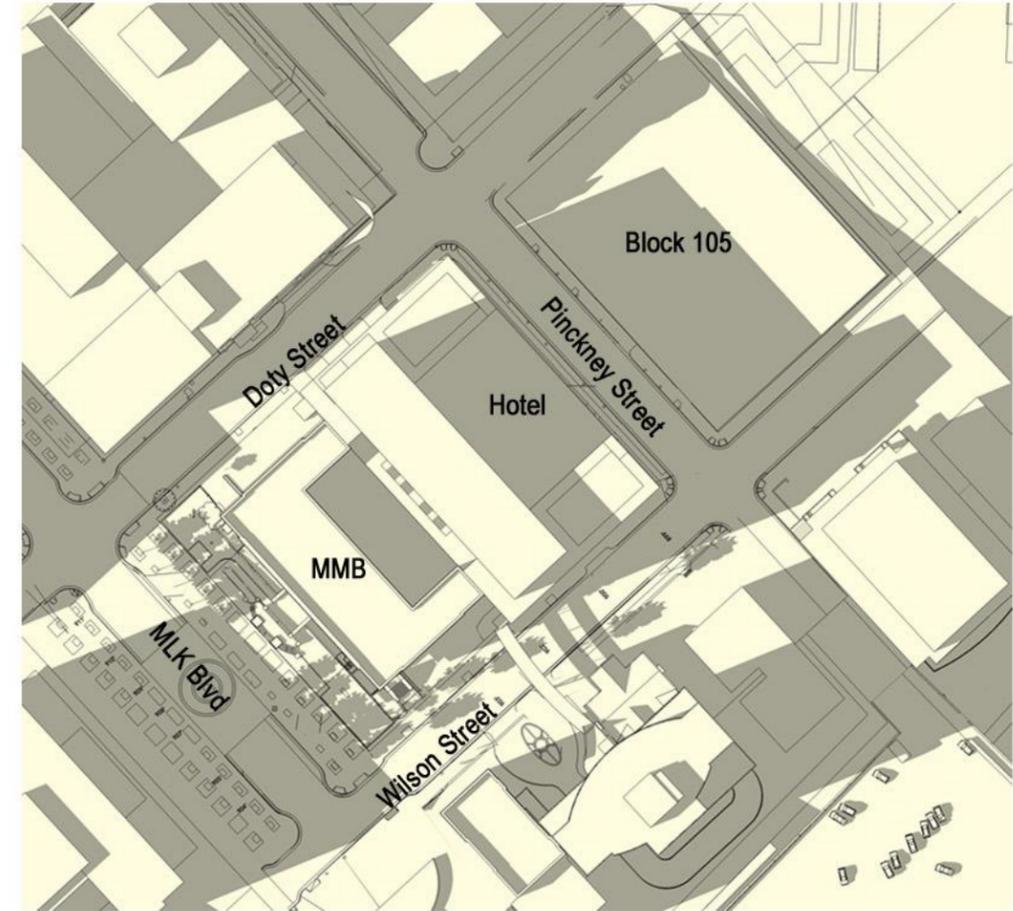
711066-01
October 11, 2011



March 20, 2011
8AM



March 20, 2011
12PM



March 20, 2011
4PM



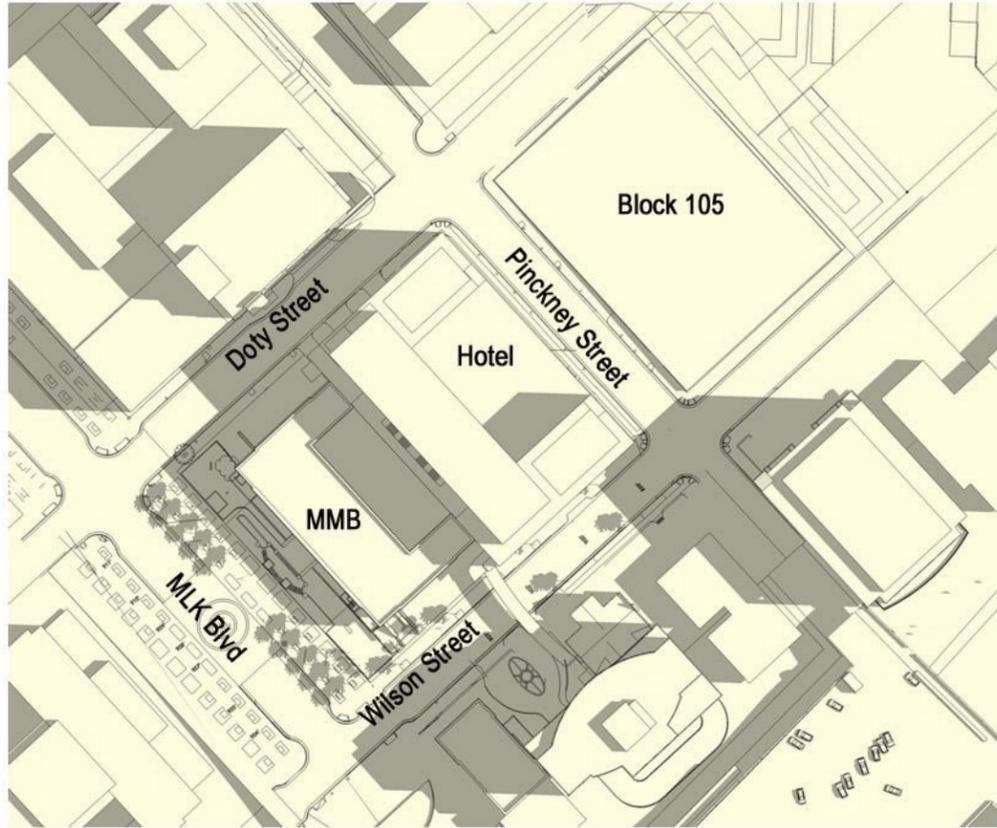
2011 Equinox March 20

BLOCK 88
Madison, Wisconsin

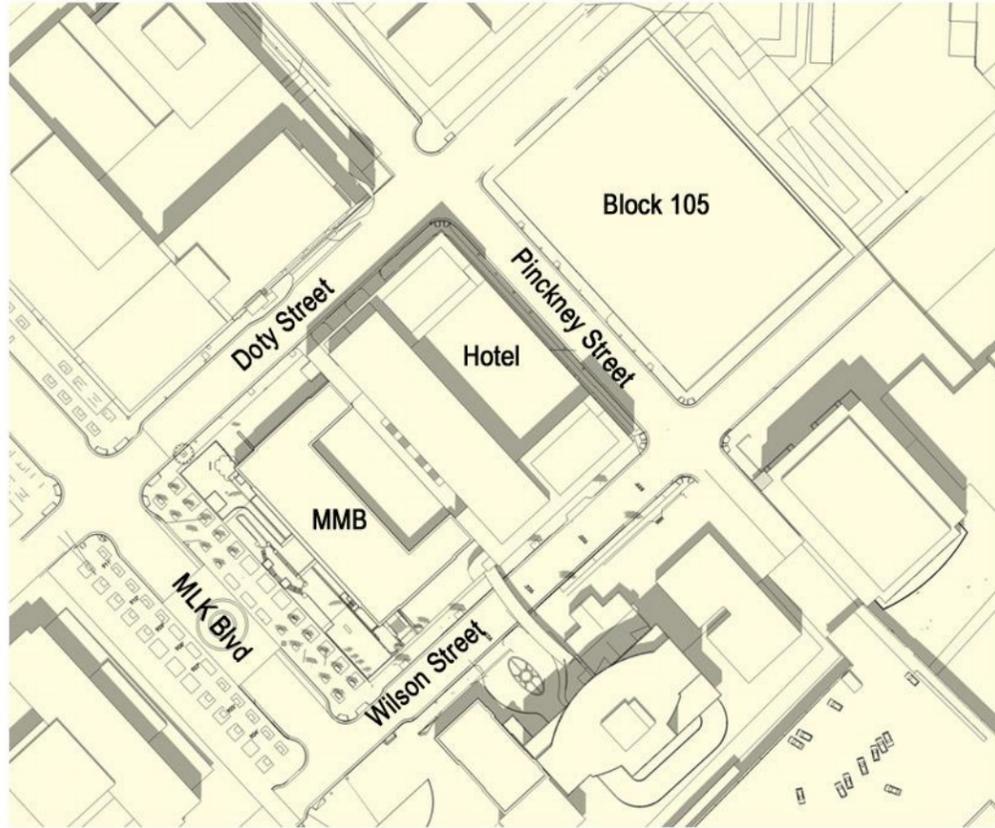


eppstein uhen : architects

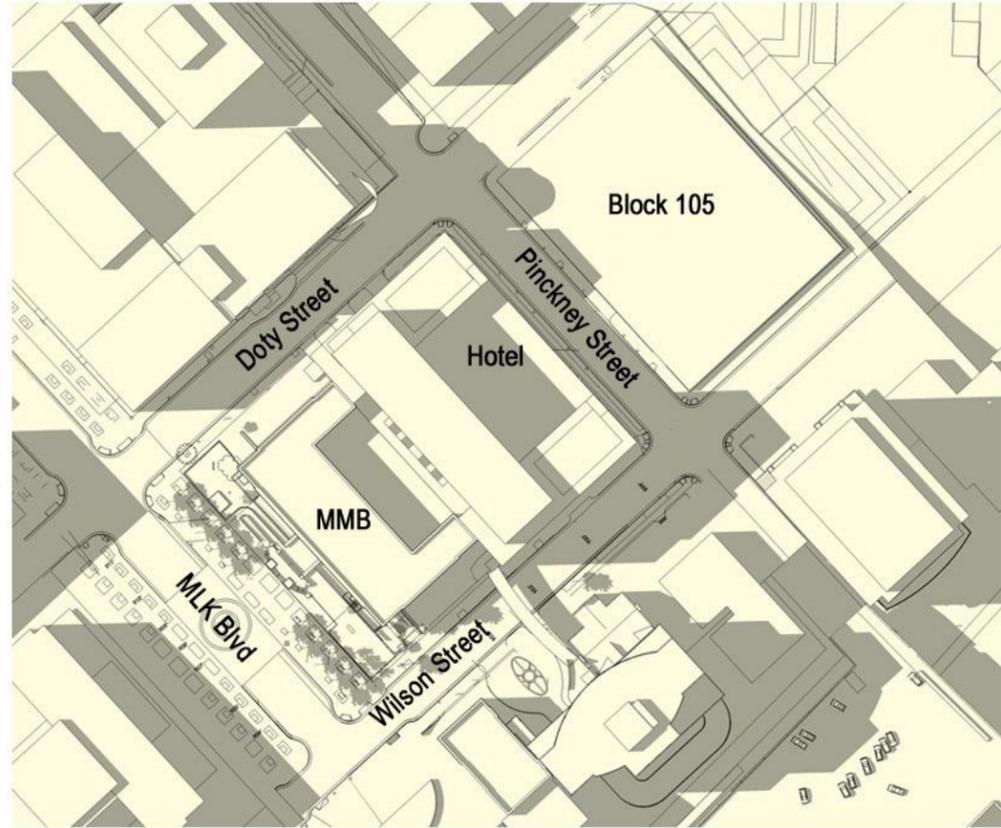
711066-01
October 18, 2011



June 21, 2011
8AM



June 21, 2011
12PM



June 21, 2011
4PM



2011 Solstice June 21

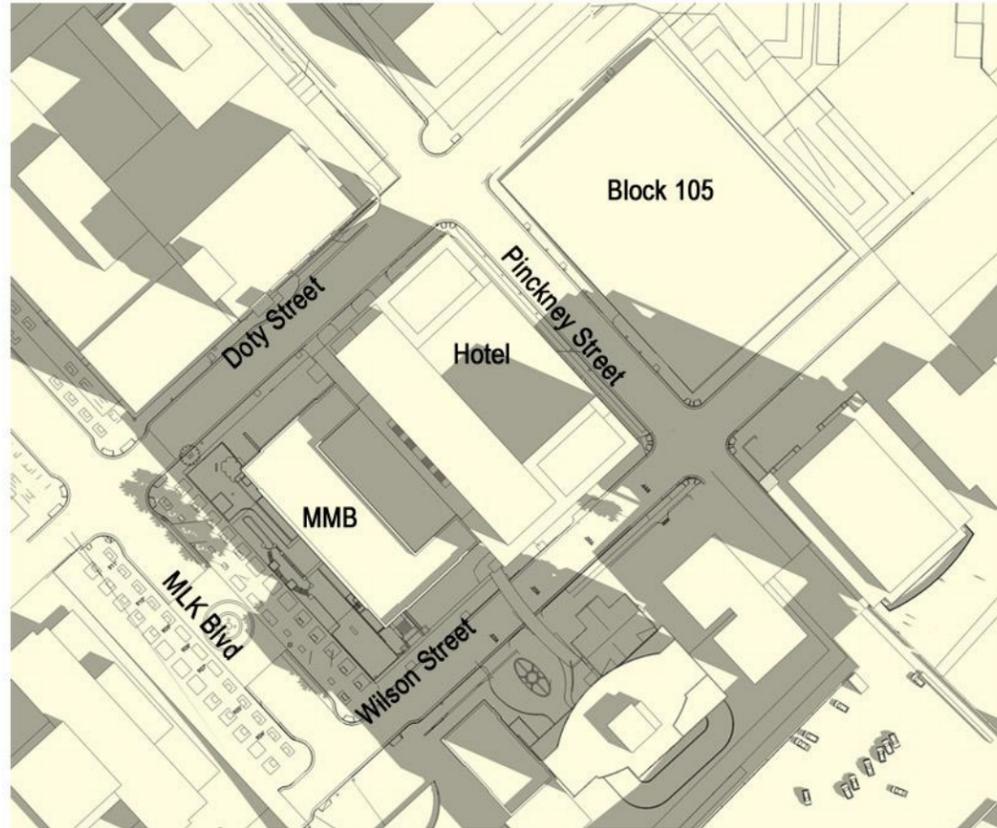
BLOCK 88

Madison, Wisconsin

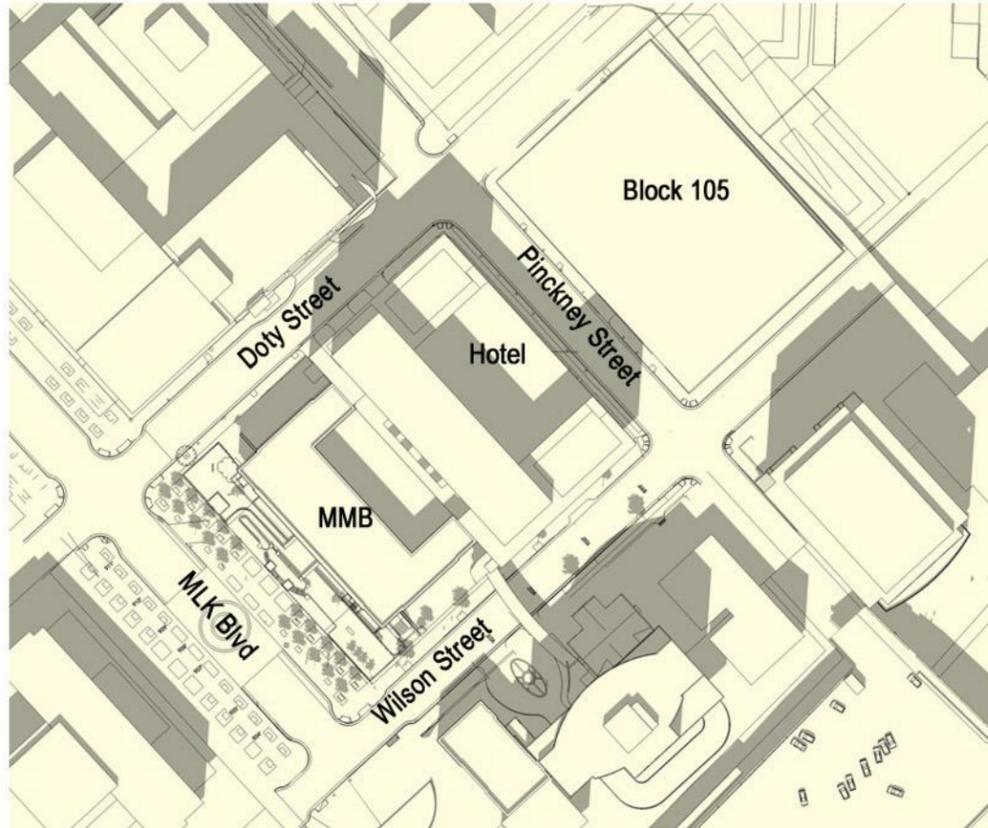


eppstein uhen : architects

711066-01
October 18, 2011



September 23,, 2011
8AM



September 23, 2011
12PM



September 23, 2011
4PM



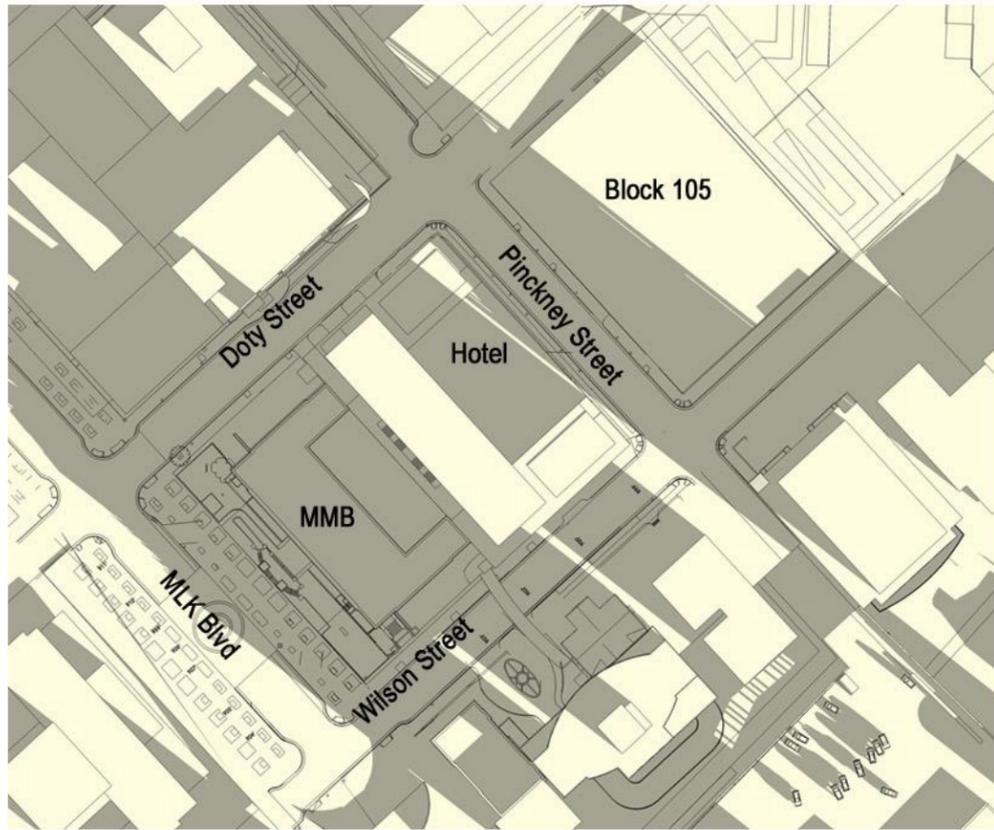
2011 Equinox September 23

BLOCK 88
Madison, Wisconsin

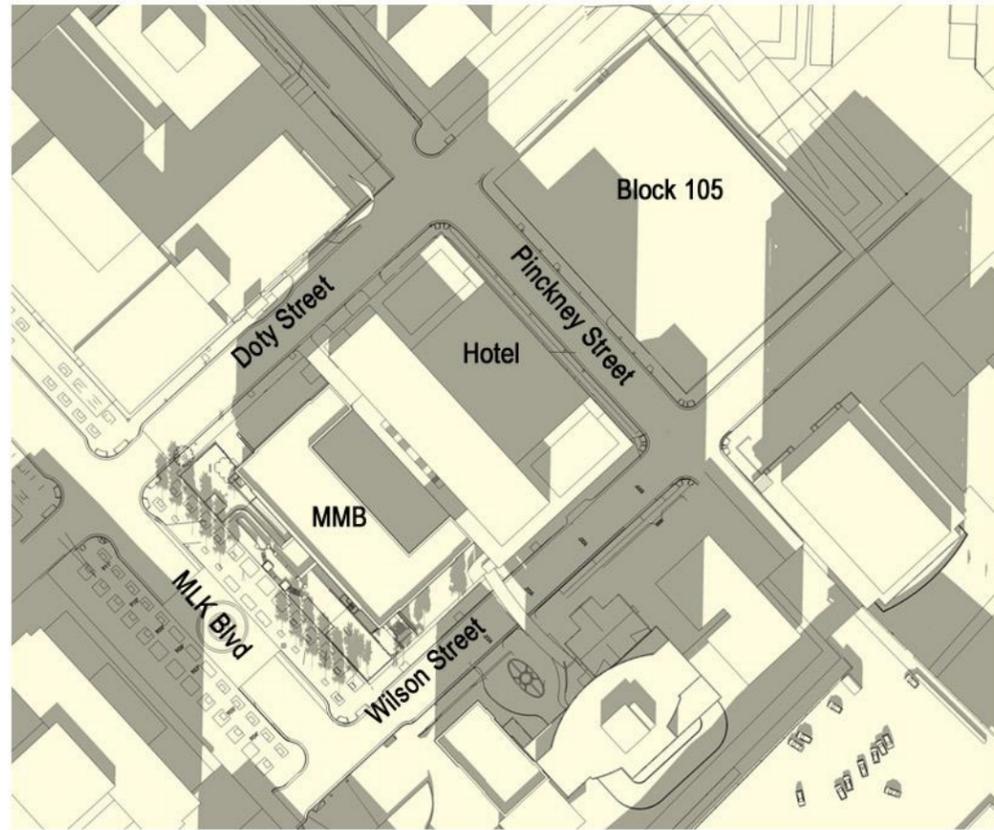


eppstein uhen : architects

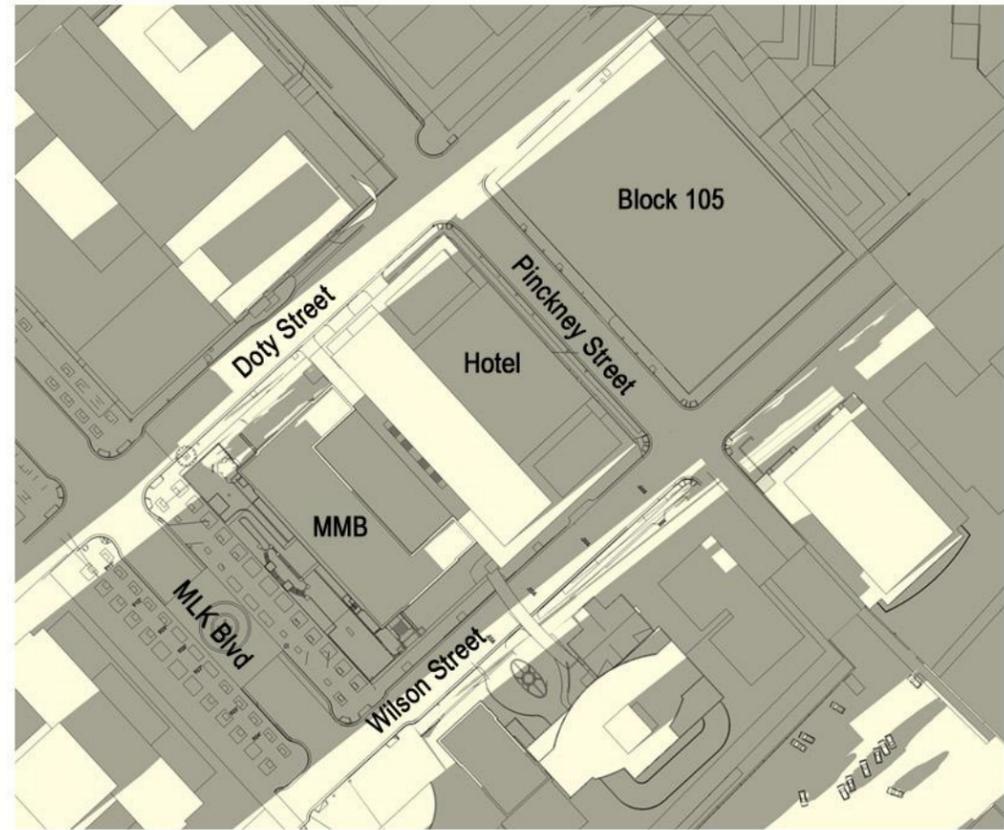
711066-01
October 18, 2011



December 22, 2011
8AM



December 22, 2011
12PM



December 22, 2011
4PM



2011 Solstice December 22



BLOCK 88
Madison, Wisconsin

711066-01
October 18, 2011

eppstein uhen : architects

Exhibit D

Concept Plans for a Hotel that Does Not Include
the Madison Municipal Building



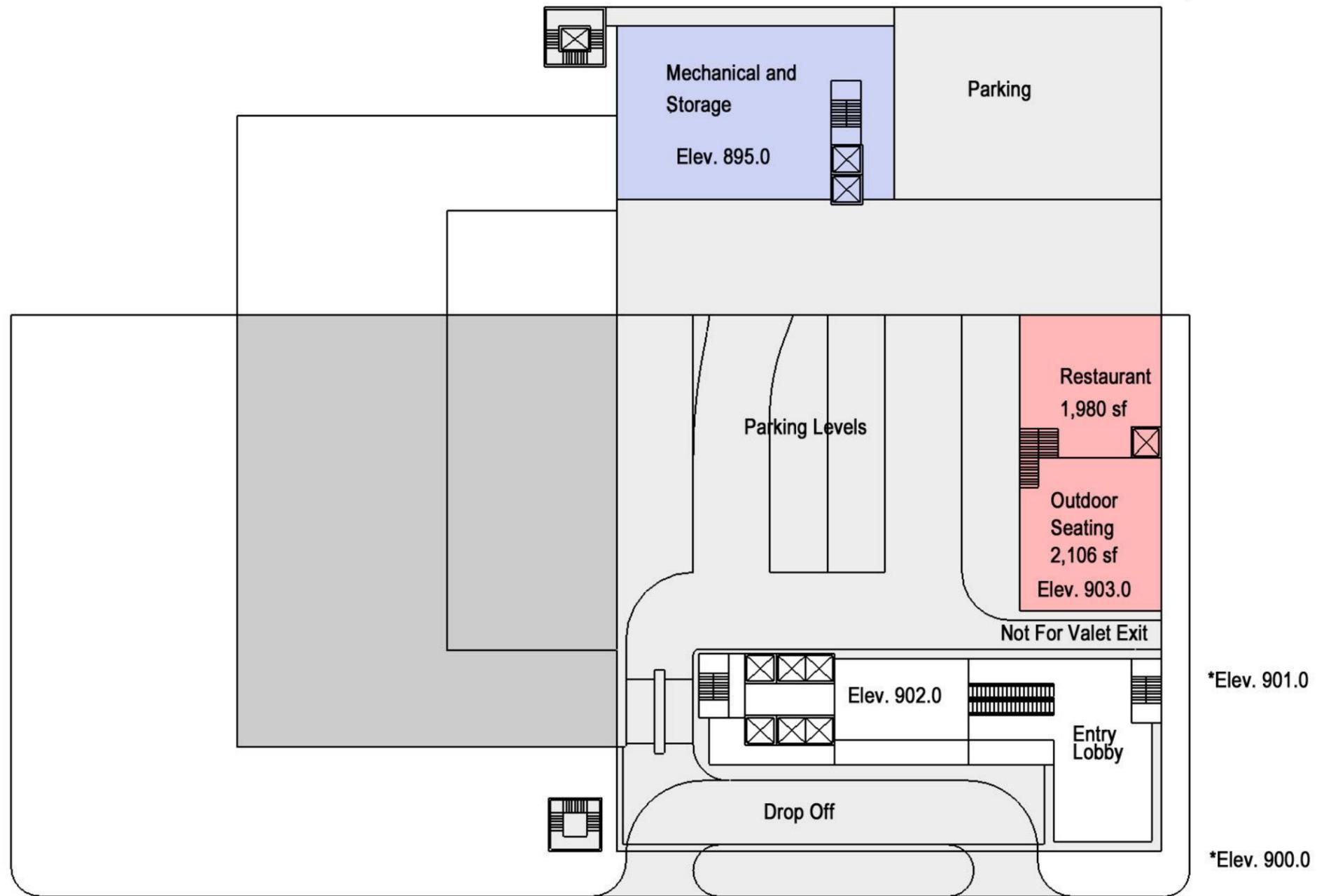
Site Plan

BLOCK 88 Option 2
Madison, Wisconsin



eppstein uhen : architects

711066-01
October 11, 2011



Lower Level Plan

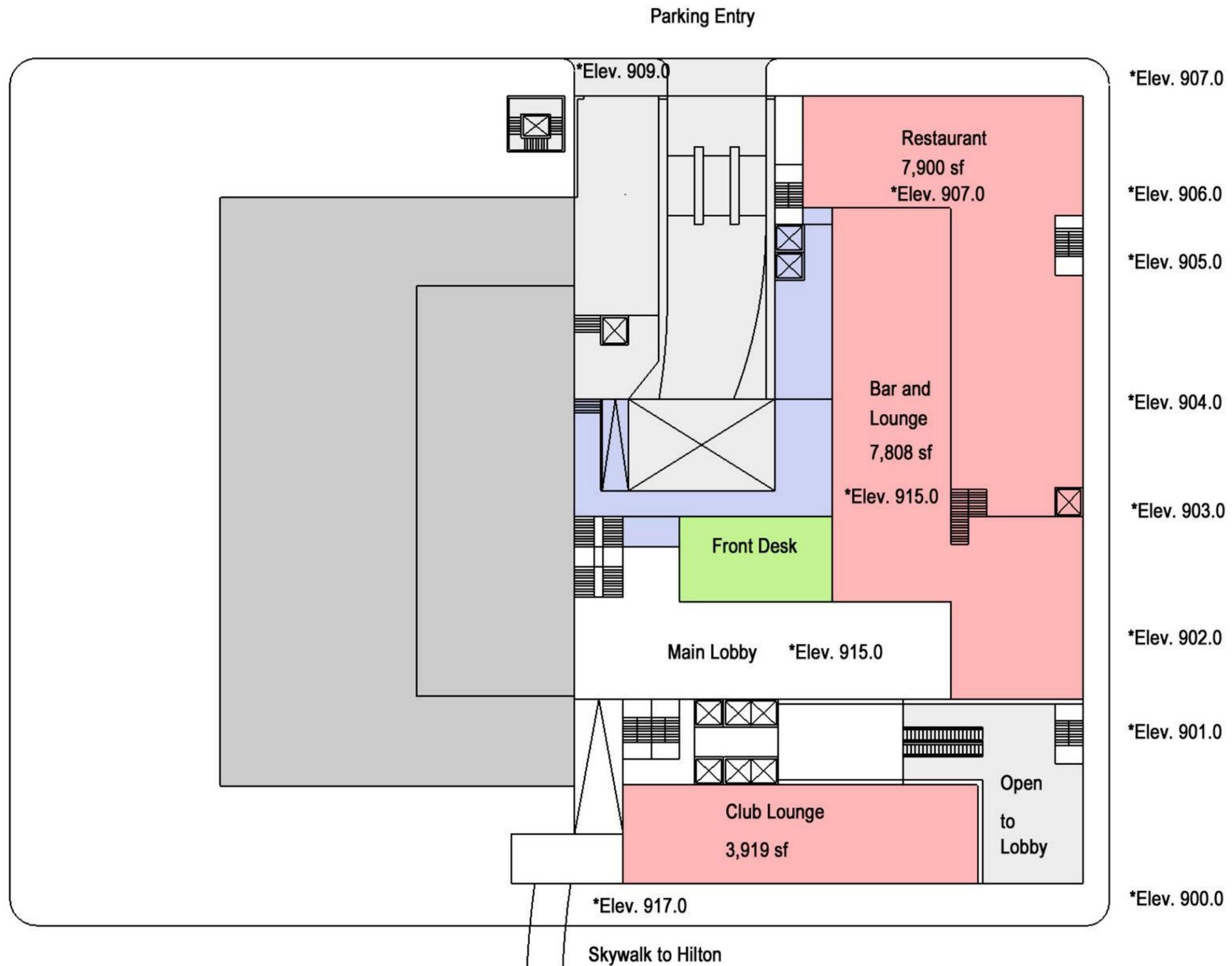


eppstein uhen : architects

BLOCK 88 Option 2

Madison, Wisconsin

711066-01
October 11, 2011



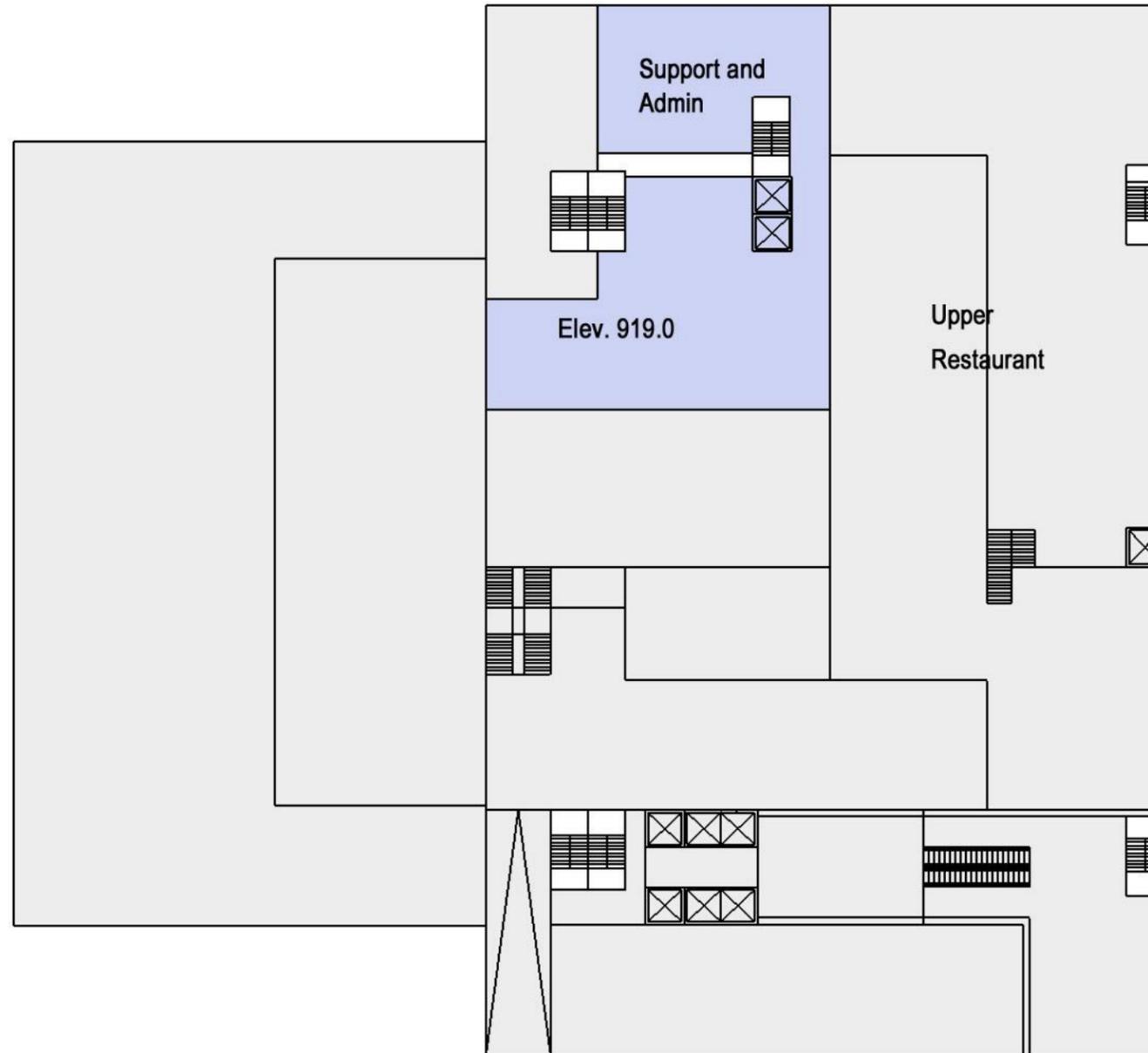
Floor 1 Plan



eppstein uhen : architects

BLOCK 88 Option 2
Madison, Wisconsin

711066-01
October 11, 2011



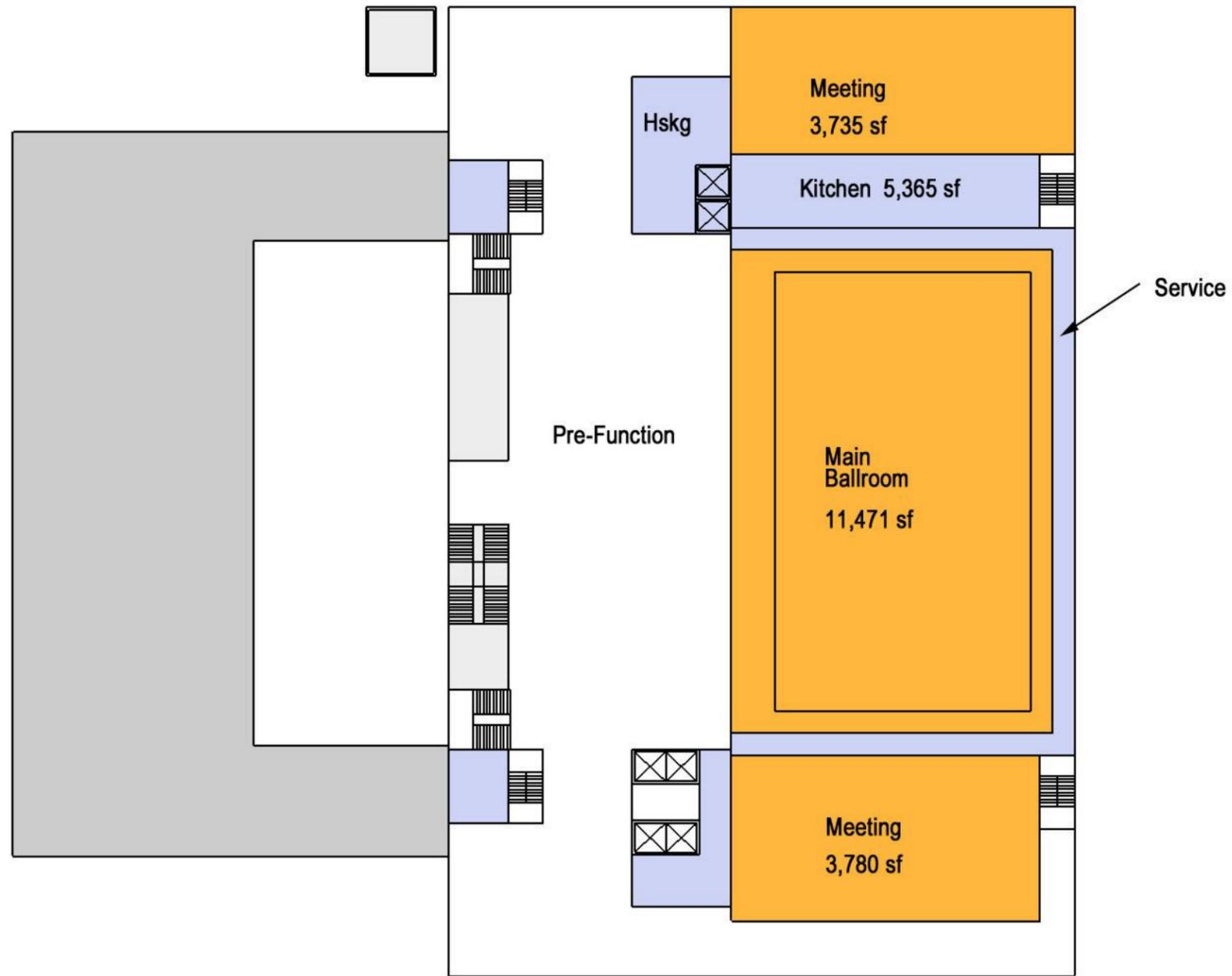
Floor 1.1 Plan



eppstein uhen : architects

BLOCK 88 Option 2
Madison, Wisconsin

711066-01
October 11, 2011



Floor 2 Plan

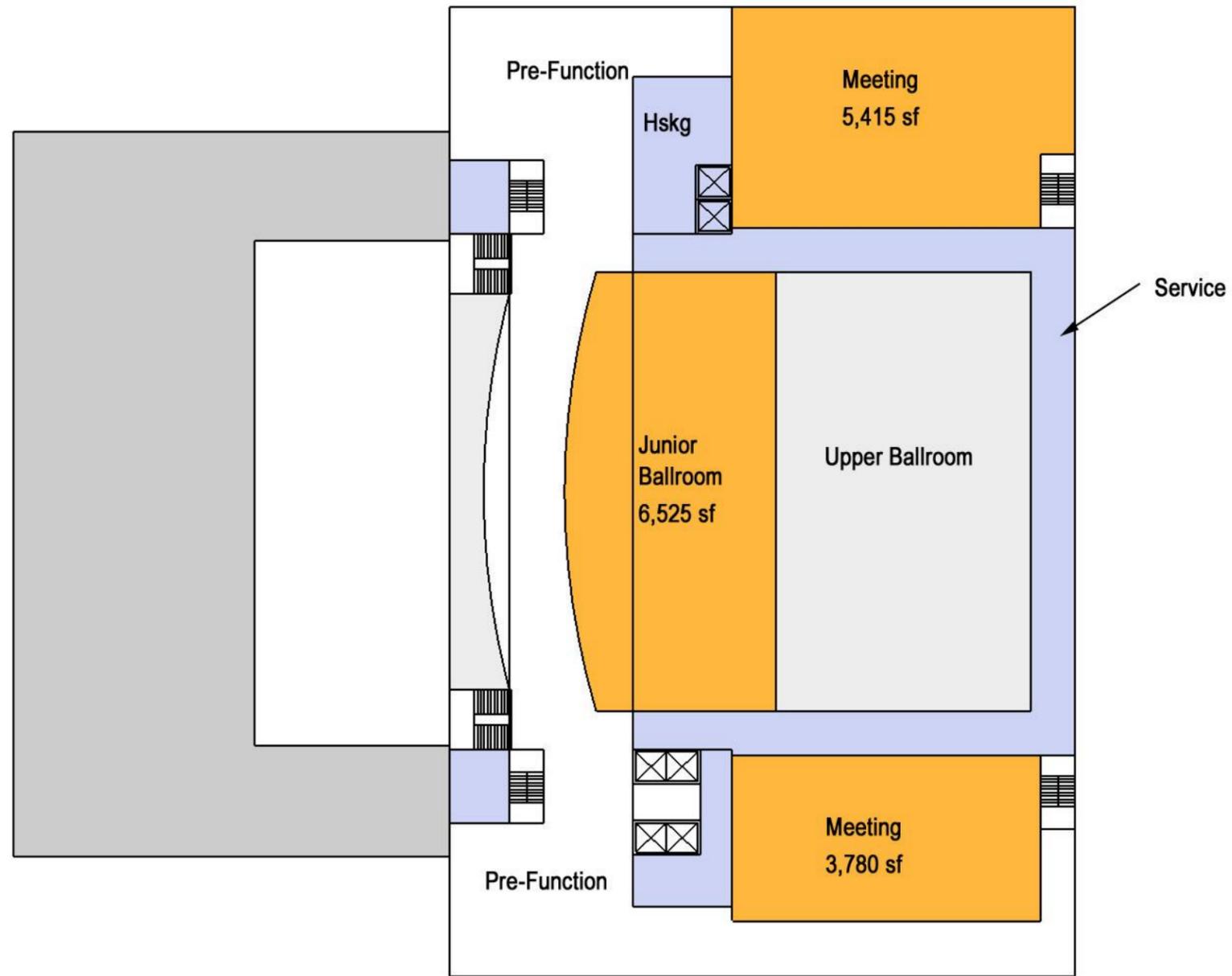


eppstein uhen : architects

BLOCK 88 Option 2

Madison, Wisconsin

711066-01
October 11, 2011



Floor 3 Plan

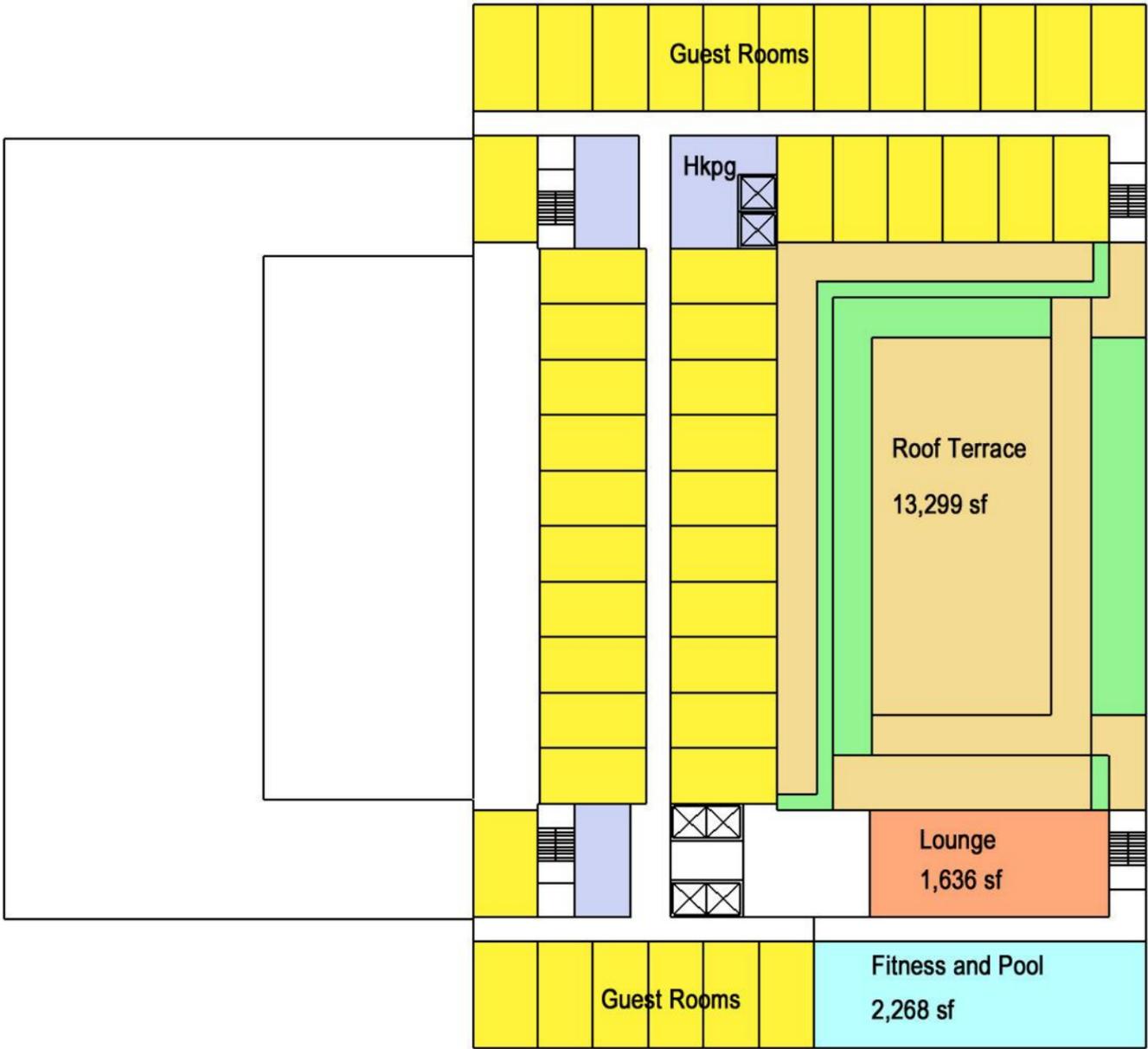


eppstein uhen : architects

BLOCK 88 Option 2

Madison, Wisconsin

711066-01
October 11, 2011



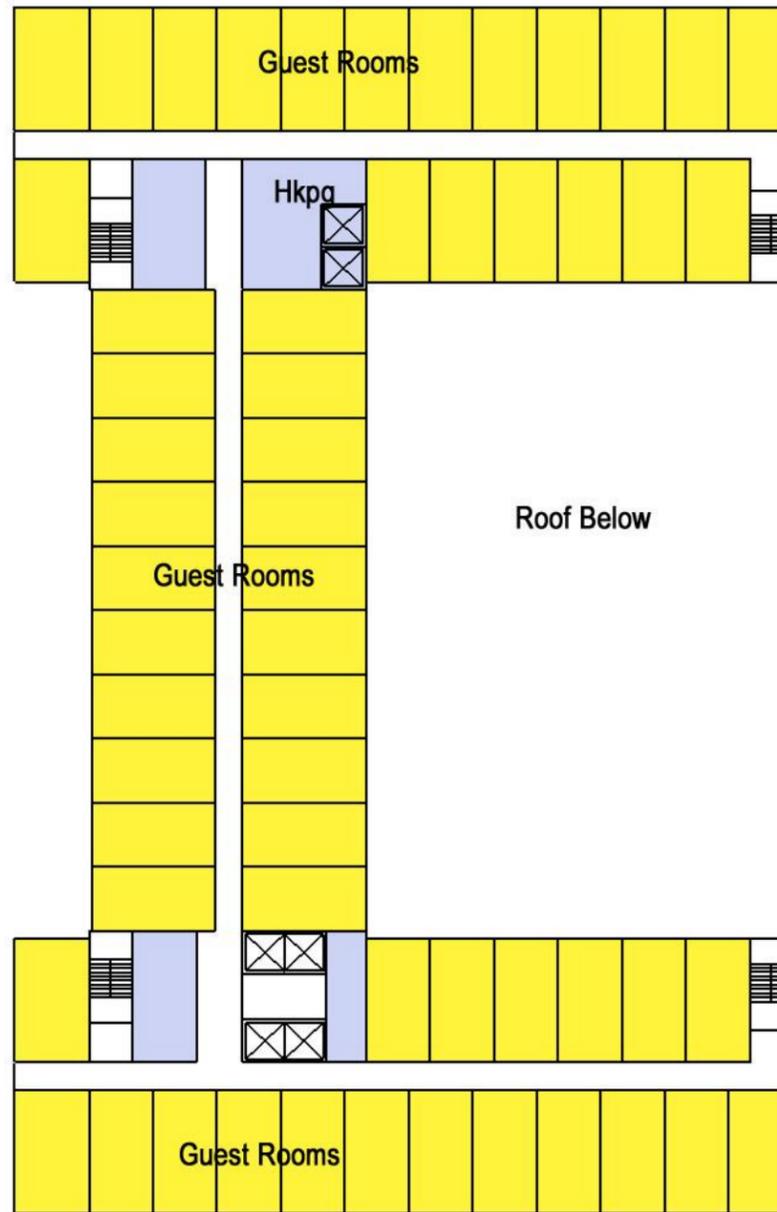
Floor 4 Plan



eppstein uhen : architects

BLOCK 88 Option 2
 Madison, Wisconsin

711066-01
 October 11, 2011



Floor 5 Plan (Floor 6 Similar)

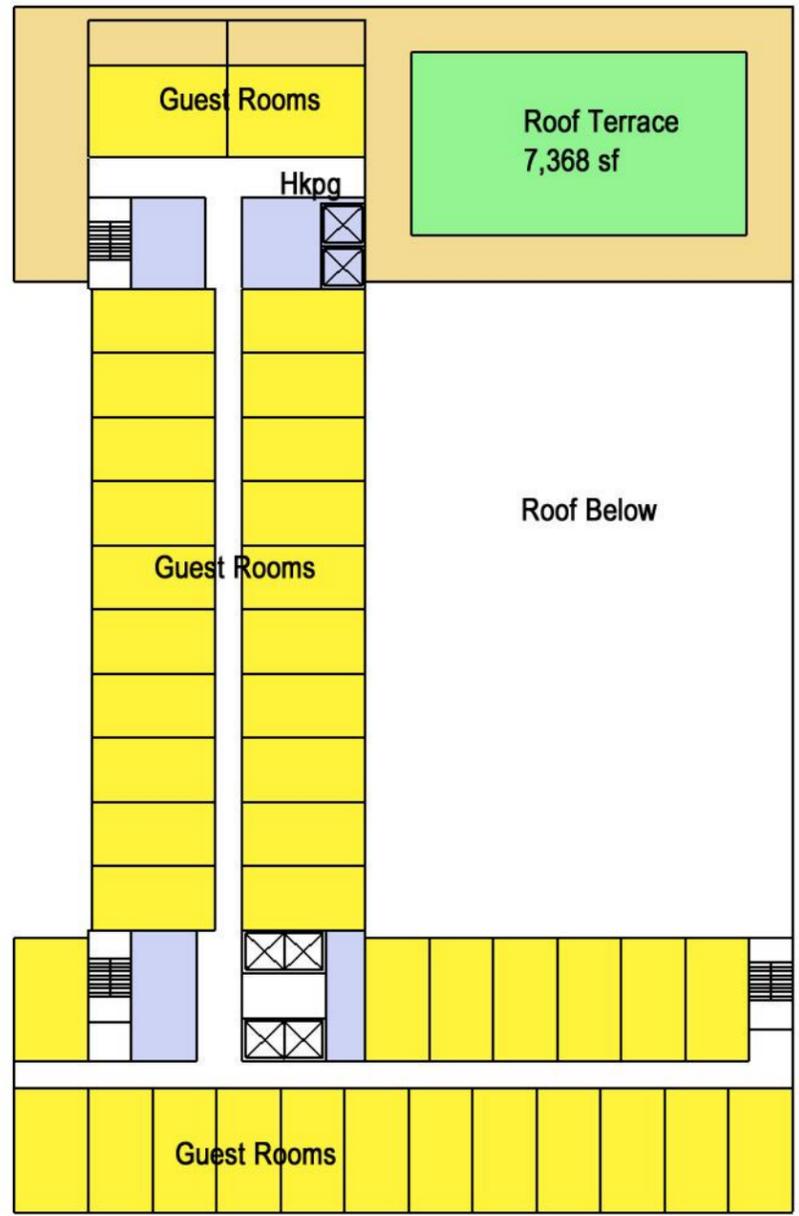


eppstein uhen : architects

BLOCK 88 Option 2

Madison, Wisconsin

711066-01
October 11, 2011



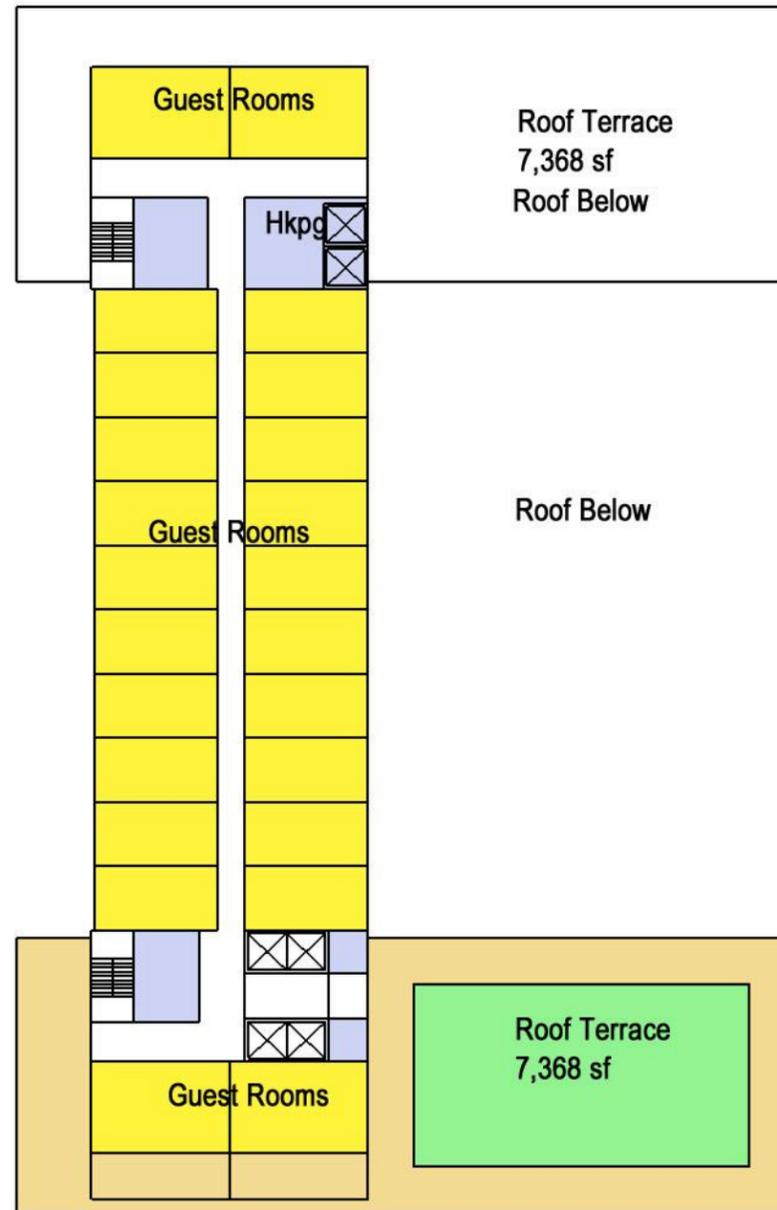
Floor 7 Plan (Floor 8 Similar) 0 20 40 80.0'



eppstein uhen : architects

BLOCK 88 Option 2
Madison, Wisconsin

711066-01
October 11, 2011



Floor 9 Plan (Floor 10 Similar) 0 20 40 80.0'

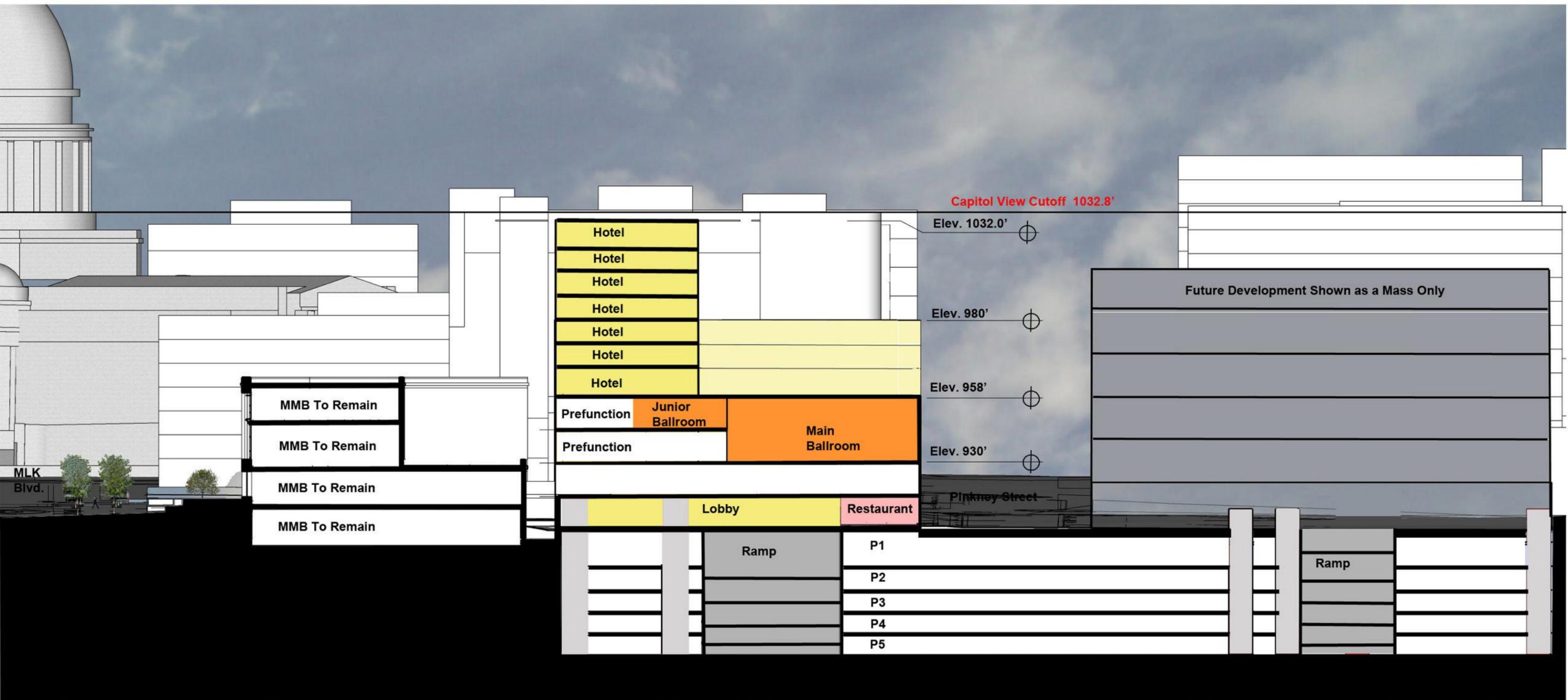


eppstein uhen : architects

BLOCK 88 Option 2

Madison, Wisconsin

711066-01
October 11, 2011



0 15 30 60' Site Section



eppstein uhen : architects

BLOCK 88 Option 2
Madison, Wisconsin

711066-01
October 11, 2011

Block 88 Development

October 11, 2011

floor	height	elevation	new building	subtotal hotel	keys	retail gsf	prefunction	meeting
LL	13	902.0	11,044	11,044				
1.1		907.0	7,605	7,605				
1	15	915.0	22,490	22,490				
2	28	930.0	41,264	41,264			16,913	18,986
3	14	944.0	33,538	33,538			11,483	11,820
4	12	958.0	29,247	29,247	46			
5	10	970.0	29,247	29,247	58			
6	10	980.0	29,247	29,247	58			
7	10	990.0	21,441	21,441	41			
8	10	1000.0	21,441	21,441	41			
9	10	1010.0	13,918	13,918	24			
10	10	1020.0	13,918	13,918	24			
roof		1032.0						
totals			274,400	274,400	292		28,396	30,806

274,400

Cap View Limit

1032.8

Average gsf per key
Average Guest Room Size = 378 sf

940



eppstein uhen : architects

BLOCK 88 Option 2
Madison, Wisconsin

711066-01
October 11, 2011



BLOCK 88 Option 2
Madison, Wisconsin



711066-01
October 11, 2011



Skywalk View

BLOCK 88
Madison, Wisconsin



eppstein uhen : architects

711066-01
October 11, 2011

Exhibit E

Cost Estimates from Findorff for the Parking
Ramp

Block 88 and 105 Parking Garage - Reinforcement Option

Total Parking Area 433,512 SF
Total parking Stalls 1361

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
A STRUCTURE			
A10 FOUNDATIONS			
A1010 STANDARD FOUNDATION			
Mat Column Footings	1,073.00 cy	250.00 /cy	268,250
Column Footings	2,175.00 cy	279.68 /cy	608,304
Wall Footings	262.00 cy	250.00 /cy	65,500
Interior Wall Footings	122.00 cy	250.00 /cy	30,500
Elevator Pit Slabs	576.00 sf	4.50 /sf	2,592
Elevator Pit Walls	288.00 sf	20.00 /sf	5,760
Elevator Pit for Future Elevators	2.00 ea	3,500.00 /ea	7,000
A1010 STANDARD FOUNDATION			987,906
A1030 SLAB ON GRADE			
Slab on Grade	109,937.00 sf	4.15 /sf	456,239
Drainage Fill at SOG	109,937.00 sf	2.00 /sf	219,874
Drain Tiles	1,555.00 lf	15.00 /lf	23,325
Sump Pump	4.00 ea	25,000.00 /ea	100,000
A1030 SLAB ON GRADE			799,438
A10 FOUNDATIONS			1,787,344
A20 BASEMENT CONSTRUCTION			
A2010 BASEMENT EXCAVATION			
Earthwork - Building Excavation	223,147.00 cy	13.00 /cy	2,900,911
Earthwork - Building Backfill	13,867.00 cy	20.00 /cy	277,340
Earthwork - Building Backfill (Ftgs)	5,642.00 cy	25.00 /cy	141,050
Earthwork - Soil Nails	35,505.00 sf	30.00 /sf	1,065,150
Earthwork - Phasing Line	12,285.00 sf	30.00 /sf	368,550
Earthwork - Soil Nails	22,320.00 sf	30.00 /sf	669,600
Earthwork - Soldier Piles	12,735.00 sf	50.00 /sf	636,750
Earthwork - Soldier Piles	12,150.00 sf	50.00 /sf	607,500
A2010 BASEMENT EXCAVATION			6,666,851
A2020 BASEMENT WALLS			
Foundation Walls	69,710.00 sf	26.50 /sf	1,847,315
Vault Walls	2,030.00 sf	30.00 /sf	60,900
Vault Lid	1,895.00 sf	70.00 /sf	132,650
Vault Foundations	33.00 cy	325.00 /cy	10,725
Foundation Dampproofing	69,710.00 sf	2.50 /sf	174,275
A2020 BASEMENT WALLS			2,225,865
A20 BASEMENT CONSTRUCTION			8,892,716
A STRUCTURE			10,680,060
B SHELL			
B10 SUPERSTRUCTURE			
B1010 FLOOR CONSTRUCTION			
Concrete Columns	2,134.00 cy	650.00 /cy	1,387,100
Concrete Shear Walls	13,000.00 sf	22.00 /sf	286,000
Misc Concrete and Steel	460,706.00 sf	0.50 /sf	230,353
Concrete Beams	745.39 cy	884.20 /cy	659,074
Reinforced Slabs	561,828.00 sf	16.04 /sf	9,011,721
Reinforced Slabs (Roof Area Over Drive Entrances)	12,510.00 sf	16.04 /sf	200,660
High Bay Deck Forming	30,000.00 sf	2.95 /sf	88,590
Couplers	160.00 ea	250.00 /ea	40,000
Hoisting Equipment	2.00 ls	751,559.00 /ls	1,503,118
Winter Conditions	2.00 ls	125,000.00 /ls	250,000

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
B1010 FLOOR CONSTRUCTION			
Concrete Mix to 6000lbs and Anti Rust Proof	19,185.00 cy	53.00 /cy	1,016,805
B1010 FLOOR CONSTRUCTION			14,673,421
B10 SUPERSTRUCTURE			14,673,421
B30 ROOFING			
B3010 ROOF COVERINGS			
Roofing Membrane - Excluded			
Concrete Sealer	433,512.00 sf	0.50 /sf	216,756
B3010 ROOF COVERINGS			216,756
B30 ROOFING			216,756
B SHELL			14,890,177
C INTERIORS			
C10 INTERIOR CONSTRUCTION			
C1010 PARTITIONS			
Block Walls	19,125.00 sf	16.00 /sf	306,000
Block Walls at Raised Deck	4,505.00 sf	16.00 /sf	72,080
Block Walls at Vault	260.00 sf	16.00 /sf	4,160
Elevator Equipment Room	2,100.00 sf	70.00 /sf	147,000
Elevator Lobby Allowance	4.00 ls	15,000.00 /ls	60,000
Shaft Walls	16,560.00 sf	16.00 /sf	264,960
Parking Office	1,480.00 sf	16.00 /sf	23,680
Guardrails	3,696.00 lf	40.00 /lf	147,840
C1010 PARTITIONS			1,025,720
C1020 INTERIOR DOORS			
Stair Doors	26.00 ea	1,500.00 /ea	39,000
Interior Aluminum Entrances	4.00 ea	3,500.00 /ea	14,000
C1020 INTERIOR DOORS			53,000
C1030 FITTINGS			
Signage	2.00 ls	40,000.00 /ls	80,000
C1030 FITTINGS			80,000
C10 INTERIOR CONSTRUCTION			1,158,720
C20 STAIRS			
C2010 STAIR CONSTRUCTION			
Concrete Stairs	22.00 flr	10,000.00 /flr	220,000
C2010 STAIR CONSTRUCTION			220,000
C20 STAIRS			220,000
C30 INTERIOR FINISHES			
C3010 WALL FINISHES			
Painting	2.00 ls	25,000.00 /ls	50,000
C3010 WALL FINISHES			50,000
C3020 FLOOR FINISHES			
Striping	2,722.00 ea	20.00 /ea	54,440
C3020 FLOOR FINISHES			54,440
C30 INTERIOR FINISHES			104,440
C INTERIORS			1,483,160
D SERVICES			
D10 CONVEYING			
D1010 ELEVATORS & LIFTS			
Traction Elevator	20.00 flr	22,000.00 /flr	440,000
D1010 ELEVATORS & LIFTS			440,000
D10 CONVEYING			440,000
D20 PLUMBING			

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
D2000			
Plumbing Work	460,706.00 sf	2.00 /sf	921,412
D2000			921,412
D20 PLUMBING			921,412
D30 HVAC			
D3000			
HVAC - Parking	460,706.00 sf	2.00 /sf	921,412
D3000			921,412
D30 HVAC			921,412
D40 FIRE PROTECTION			
D4010 SPRINKLERS			
Fire Suppression Sprinklers	460,706.00 sf	2.00 /sf	921,412
D4010 SPRINKLERS			921,412
D40 FIRE PROTECTION			921,412
D50 ELECTRICAL			
D5000			
Electric Work	460,706.00 sf	2.75 /sf	1,266,942
Electric Generator	1.00 ls	75,000.00 /ls	75,000
D5000			1,341,942
D50 ELECTRICAL			1,341,942
D SERVICES			4,546,178
E EQUIPMENT & FURNISHINGS			
E10 EQUIPMENT			
A1030 SLAB ON GRADE			
Parking Control Equipment	2.00 ls	100,000.00 /ls	200,000
A1030 SLAB ON GRADE			200,000
E10 EQUIPMENT			200,000
E EQUIPMENT & FURNISHINGS			200,000
F SPECIAL CONSTRUCTION & DEMOLITION			
F20 SELECTIVE BUILDING DEMOLITION			
F2010 BUILDING ELEMENTS DEMOLITION			
Structural Demo - Post Office	1.00 ls	200,000.00 /ls	200,000
Structural Demo - Parking Garage	1.00 ls	540,000.00 /ls	540,000
F2010 BUILDING ELEMENTS DEMOLITION			740,000
F20 SELECTIVE BUILDING DEMOLITION			740,000
F SPECIAL CONSTRUCTION & DEMOLITION			740,000
G BUILDING SITEWORK			
G10 SITE PREPARATION			
G1010 SITE CLEARING			
Site Improvements	2.00 ls	75,000.00 /ls	150,000
G1010 SITE CLEARING			150,000
G1030 SITE EARTHWORK			
Site Earthwork at Pinckney	2,620.00 cy	25.00 /cy	65,500
G1030 SITE EARTHWORK			65,500
G10 SITE PREPARATION			215,500
G20 SITE IMPROVEMENT			
G2010 ROADWAYS			
Asphalt	562.00 sy	24.00 /sy	13,488
Paving at Pinckney	11,306.00 sf	5.00 /sf	56,530
Waterproofing at Pinckney	17,688.00 sf	3.50 /sf	61,908
Driveway Apron	2,300.00 sf	6.00 /sf	13,800

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
G2010 ROADWAYS			
Curb & Gutter	3,037.00 lf	15.00 /lf	45,555
Traffic & parking Signs	2.00 ls	5,000.00 /ls	10,000
G2010 ROADWAYS			201,281
G2030 PEDESTRIAN PAVING			
Sidewalks	16,403.00 sf	2.75 /sf	45,108
G2030 PEDESTRIAN PAVING			45,108
G20 SITE IMPROVEMENT			246,389
G30 SITE CIVIL / MECHANICAL UTILITIES			
G3010 WATER SUPPLY			
Utility Relocation Allowance	2.00 ls	50,000.00 /ls	100,000
G3010 WATER SUPPLY			100,000
G30 SITE CIVIL / MECHANICAL UTILITIES			100,000
G BUILDING SITEWORK			561,889
Z GENERAL			
Z10 GENERAL REQUIRMENTS			
Z1010 ADMINISTRATION			
General Conditions	2.00 ls	933,487.00 /ls	1,866,974
Z1010 ADMINISTRATION			1,866,974
Z10 GENERAL REQUIRMENTS			1,866,974
Z GENERAL			1,866,974

Estimate Totals

Description	Amount	Totals	Rate
	34,968,438	34,968,438	
Estimating Contingency	1,748,422		5.00 %
Contractor's Fee	1,101,506		3.00 %
Total		37,818,366	

Cost Per SF of Parking Area: \$87.24

Cost Per Stall: \$27,787

Alternate to delete earth retention on Pickney Street between Phase 1 and Phase 2. This assumes that Pickney Street will be closed during Phase 1 construction so that we may slope the excavation under the street. (\$368,550)

Block 88 and 105 Parking Garage - PT Option

Total Parking Area 433,512 SF
Total parking Stalls 1361

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
A STRUCTURE			
A10 FOUNDATIONS			
A1010 STANDARD FOUNDATION			
Mat Column Footings	1,073.00 cy	250.00 /cy	268,250
Column Footings	2,175.00 cy	279.68 /cy	608,304
Wall Footings	262.00 cy	250.00 /cy	65,500
Interior Wall Footings	122.00 cy	250.00 /cy	30,500
Elevator Pit Slabs	576.00 sf	4.50 /sf	2,592
Elevator Pit Walls	288.00 sf	20.00 /sf	5,760
Elevator Pit for Future Elevators	2.00 ea	3,500.00 /ea	7,000
A1010 STANDARD FOUNDATION			987,906
A1030 SLAB ON GRADE			
Slab on Grade	109,937.00 sf	4.15 /sf	456,239
Drainage Fill at SOG	109,937.00 sf	2.00 /sf	219,874
Drain Tiles	1,555.00 lf	15.00 /lf	23,325
Sump Pump	4.00 ea	25,000.00 /ea	100,000
A1030 SLAB ON GRADE			799,438
A10 FOUNDATIONS			1,787,344
A20 BASEMENT CONSTRUCTION			
A2010 BASEMENT EXCAVATION			
Earthwork - Building Excavation	223,147.00 cy	13.00 /cy	2,900,911
Earthwork - Building Backfill	13,867.00 cy	20.00 /cy	277,340
Earthwork - Building Backfill (Ftgs)	5,642.00 cy	25.00 /cy	141,050
Earthwork - Soil Nails	35,505.00 sf	30.00 /sf	1,065,150
Earthwork - Phasing Line	12,285.00 sf	30.00 /sf	368,550
Earthwork - Soil Nails	22,320.00 sf	30.00 /sf	669,600
Earthwork - Soldier Piles	12,735.00 sf	50.00 /sf	636,750
Earthwork - Soldier Piles	12,150.00 sf	50.00 /sf	607,500
A2010 BASEMENT EXCAVATION			6,666,851
A2020 BASEMENT WALLS			
Foundation Walls	69,710.00 sf	26.50 /sf	1,847,315
Vault Walls	2,030.00 sf	30.00 /sf	60,900
Vault Lid	1,895.00 sf	70.00 /sf	132,650
Vault Foundations	33.00 cy	325.00 /cy	10,725
Foundation Dampproofing	69,710.00 sf	2.50 /sf	174,275
A2020 BASEMENT WALLS			2,225,865
A20 BASEMENT CONSTRUCTION			8,892,716
A STRUCTURE			10,680,060
B SHELL			
B10 SUPERSTRUCTURE			
B1010 FLOOR CONSTRUCTION			
Concrete Columns	2,134.00 cy	650.00 /cy	1,387,100
Concrete Shear Walls	13,000.00 sf	22.00 /sf	286,000
Misc Concrete and Steel	460,706.00 sf	0.50 /sf	230,353
Concrete Beams	745.39 cy	884.20 /cy	659,074
PT Slabs	561,828.00 sf	15.92 /sf	8,944,302
PT Slabs (Roof Area Over Drive Entrances)	12,510.00 sf	15.92 /sf	199,159
High Bay Deck Forming	30,000.00 sf	2.95 /sf	88,590
Couplers	160.00 ea	250.00 /ea	40,000
Hoisting Equipment	2.00 ls	751,559.00 /ls	1,503,118
Winter Conditions	2.00 ls	125,000.00 /ls	250,000

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
B1010 FLOOR CONSTRUCTION			
Concrete Mix to 6000lbs and Corrosion Inhibitor	19,185.00 cy	53.00 /cy	1,016,805
B1010 FLOOR CONSTRUCTION			14,604,501
B10 SUPERSTRUCTURE			14,604,501
B30 ROOFING			
B3010 ROOF COVERINGS			
Vehicular Traffic Coating	14,780.00 sf	2.50 /sf	36,950
Roofing Membrane - Excluded		sf	/sf
Concrete Sealer	418,732.00 sf	0.50 /sf	209,366
B3010 ROOF COVERINGS			246,316
B30 ROOFING			246,316
B SHELL			14,850,817

C INTERIORS

C10 INTERIOR CONSTRUCTION

C1010 PARTITIONS

Block Walls	19,125.00 sf	16.00 /sf	306,000
Block Walls at Raised Deck	4,505.00 sf	16.00 /sf	72,080
Block Walls at Vault	260.00 sf	16.00 /sf	4,160
Elevator Equipment Room	2,100.00 sf	70.00 /sf	147,000
Shaft Walls	16,560.00 sf	16.00 /sf	264,960
Parking Office	1,480.00 sf	16.00 /sf	23,680
Guardrails	3,696.00 lf	40.00 /lf	147,840
C1010 PARTITIONS			965,720

C1020 INTERIOR DOORS

Stair Doors	26.00 ea	1,500.00 /ea	39,000
Interior Aluminum Entrances	4.00 ea	3,500.00 /ea	14,000
C1020 INTERIOR DOORS			53,000

C1030 FITTINGS

Signage	2.00 ls	40,000.00 /ls	80,000
C1030 FITTINGS			80,000

C10 INTERIOR CONSTRUCTION **1,098,720**

C20 STAIRS

C2010 STAIR CONSTRUCTION

Concrete Stairs	22.00 flr	10,000.00 /flr	220,000
C2010 STAIR CONSTRUCTION			220,000

C20 STAIRS **220,000**

C30 INTERIOR FINISHES

C3010 WALL FINISHES

Painting	2.00 ls	25,000.00 /ls	50,000
C3010 WALL FINISHES			50,000

C3020 FLOOR FINISHES

Striping	2,722.00 ea	20.00 /ea	54,440
C3020 FLOOR FINISHES			54,440

C30 INTERIOR FINISHES **104,440**

C INTERIORS **1,423,160**

D SERVICES

D10 CONVEYING

D1010 ELEVATORS & LIFTS

Traction Elevator	20.00 flr	22,000.00 /flr	440,000
D1010 ELEVATORS & LIFTS			440,000

D10 CONVEYING **440,000**

D20 PLUMBING

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
D2000			
Plumbing Work	460,706.00 sf	2.00 /sf	921,412
D2000			921,412
D20 PLUMBING			921,412
D30 HVAC			
D3000			
HVAC - Parking	460,706.00 sf	2.00 /sf	921,412
D3000			921,412
D30 HVAC			921,412
D40 FIRE PROTECTION			
D4010 SPRINKLERS			
Fire Suppression Sprinklers	460,706.00 sf	2.00 /sf	921,412
D4010 SPRINKLERS			921,412
D40 FIRE PROTECTION			921,412
D50 ELECTRICAL			
D5000			
Electric Work	460,706.00 sf	2.75 /sf	1,266,942
Electric Generator	1.00 ls	75,000.00 /ls	75,000
D5000			1,341,942
D50 ELECTRICAL			1,341,942
D SERVICES			4,546,178
E EQUIPMENT & FURNISHINGS			
E10 EQUIPMENT			
A1030 SLAB ON GRADE			
Parking Control Equipment	2.00 ls	100,000.00 /ls	200,000
A1030 SLAB ON GRADE			200,000
E10 EQUIPMENT			200,000
E EQUIPMENT & FURNISHINGS			200,000
F SPECIAL CONSTRUCTION & DEMOLITION			
F20 SELECTIVE BUILDING DEMOLITION			
F2010 BUILDING ELEMENTS DEMOLITION			
Structural Demo - Post Office	1.00 ls	200,000.00 /ls	200,000
Structural Demo - Parking Garage	1.00 ls	540,000.00 /ls	540,000
F2010 BUILDING ELEMENTS DEMOLITION			740,000
F20 SELECTIVE BUILDING DEMOLITION			740,000
F SPECIAL CONSTRUCTION & DEMOLITION			740,000
G BUILDING SITEWORK			
G10 SITE PREPARATION			
G1010 SITE CLEARING			
Site Improvements	2.00 ls	75,000.00 /ls	150,000
G1010 SITE CLEARING			150,000
G1030 SITE EARTHWORK			
Site Earthwork at Pinckney	2,620.00 cy	25.00 /cy	65,500
G1030 SITE EARTHWORK			65,500
G10 SITE PREPARATION			215,500
G20 SITE IMPROVEMENT			
G2010 ROADWAYS			
Asphalt	562.00 sy	24.00 /sy	13,488
Paving at Pinckney	11,306.00 sf	5.00 /sf	56,530
Waterproofing at Pinckney	17,688.00 sf	3.50 /sf	61,908
Driveway Apron	2,300.00 sf	6.00 /sf	13,800

Spreadsheet Level	Takeoff Quantity	Total Cost/Unit	Total Amount
G2010 ROADWAYS			
Curb & Gutter	3,037.00 lf	15.00 /lf	45,555
Traffic & parking Signs	2.00 ls	5,000.00 /ls	10,000
G2010 ROADWAYS			201,281
G2030 PEDESTRIAN PAVING			
Sidewalks	16,403.00 sf	2.75 /sf	45,108
G2030 PEDESTRIAN PAVING			45,108
G20 SITE IMPROVEMENT			246,389
G30 SITE CIVIL / MECHANICAL UTILITIES			
G3010 WATER SUPPLY			
Utility Relocation Allowance	2.00 ls	50,000.00 /ls	100,000
G3010 WATER SUPPLY			100,000
G30 SITE CIVIL / MECHANICAL UTILITIES			100,000
G BUILDING SITEWORK			561,889
Z GENERAL			
Z10 GENERAL REQUIRMENTS			
Z1010 ADMINISTRATION			
General Conditions	2.00 ls	933,487.00 /ls	1,866,974
Z1010 ADMINISTRATION			1,866,974
Z10 GENERAL REQUIRMENTS			1,866,974
Z GENERAL			1,866,974

Estimate Totals

Description	Amount	Totals	Rate
	34,869,077	34,869,077	
Estimating Contingency	1,743,454		5.00 %
Contractor's Fee	1,098,376		3.00 %
Total		37,710,907	

Cost Per SF of Parking Area \$86.99

Cost Per Stall \$27,708

Alternate to delete earth retention on Pickney Street between Phase 1 and Phase 2. This assumes that Pickney Street will be closed during Phase 1 construction so that we may slope the excavation under the street. (\$368,550)

CLARIFICATIONS**Project Name**

11/01/11

- 1) All undesignated column footings were assumed to be 7' deep.
- 2) Wall footings were assumed to be 3' wide and 1'8" deep
- 3) There are 4 sump pumps included.
- 4) We assumed 3' of excavation beyond the foundation wall for earth retention.
- 5) Foundation damp proofing is a spray-on coating with drainage board.
- 6) Concrete floor slabs contain epoxy covered rebar - this also includes corrosion inhibitor.
- 7) Foundation walls, shear walls and interior retaining walls were assumed to be 18".
- 8) The slab areas over the parking exits onto Doty Street are included.
- 9) Traffic coatings are included at the pour strips and a penetrating sealer is included at all floor areas (except as noted below in #10)
- 10) Traffic coatings and sealer have been excluded at the slabs on grade.
- 11) Waterproofing membranes are excluded at the 1st Level / Roof over parking structure have been excluded.
- 12) We have included masonry at all interior partitions.
- 13) We have included cable railings in the areas beyond the sheer walls that require fall protection.
- 14) Painting at the walls and ceiling has not been included.
- 15) Signage and stripping has been included at the garage.
- 16) An elevator lobby allowance for Level 1 has been provided at the price of \$15,000 per elevator.
- 17) Loading dock equipment has been excluded.
- 18) Demolition of the post office and the existing parking garage has been included.

Memo

Date: November 3, 2011
To: Project Team
From: Torrey L. Thompson
Project No: N1-2011-669
Project Name: Madison Underground Master Planning
Regarding: **Master Planning Drawing Clarifications – Revision 1**

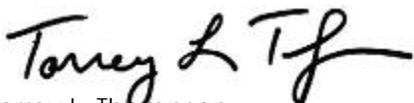
Message

Carl Walker, Inc. is providing this memo to outline several design changes in the master planning drawings for the Block 88/105 underground parking structure. The following changes were provided and included in the final pricing of the parking structure.

- Reinforced concrete beam (RCB) sizes were assumed to be 24" by 36" at Level 1. These sizes were not indicated on the drawings. These assumptions are based on anticipated loads and will be verified during final design.
- The transfer girders (TG) were assumed to be 36" by 60" for the pricing set. These sizes were not indicated on the drawings.
- The design of the foundation walls will be independent of the excavation support system. Soil-nailing will be along Doty Street and Wilson Street, and a soldier-pile and lagging system will be used to support the existing buildings to the east and west. The concrete retaining walls will be placed inside of these walls and designed at 18" thick based on an equivalent 0.045 fluid pressure, similar to the Block 89 site. If the equivalent fluid pressure is higher based on results of a geotechnical evaluation, the wall thickness at the lower level(s) may need to be thickened.
- The lateral earth pressure on the wall was reduced to the values provided in the Block 89 geotechnical report, which eliminated the need for grade beams for later support at the base of the foundation walls. The grade beams were originally provided for lateral support at the base of the concrete foundation wall.
- The slab-on-grade will be priced at 6" thick to provide lateral bracing for the base of the wall with the anticipated earth pressure, in addition to providing support during the transition of Phase 1 to Phase 2 when an unbalanced soil load will be present. This slab should be priced with a single layer of #4 reinforcement at 18 inches on center.

If you have any questions regarding the above information, please give me a call.

Best Regards,
Carl Walker, Inc.



Torrey L. Thompson
Managing Principal

Exhibit F

Estimate of the Costs of Interest and Issuance
for Taxable Revenue Bond Financing

URBAN LAND INTERESTS, INC.

Taxable Notes

\$45,000,000

Estimated Up-front Costs of Issuance		
	<u>Variable Rate</u>	<u>Fixed Rate</u>
Transaction Counsel	\$70,000	\$70,000
Underwriter Counsel	\$20,000	\$20,000
ULI Counsel	\$15,000	\$15,000
Bank Counsel	\$15,000	NA
Underwriter Fee	\$225,000	\$450,000
Rating Agency Fee	\$25,000	\$25,000
Bond Trustee Fee	\$2,500	\$2,500
OS Printing, Distribution, etc.	<u>\$3,000</u>	<u>\$3,000</u>
Total Costs of Issuance	\$375,500	\$585,500

Annual Fees		
Letter of Credit Fee (1)	1.000%	NA
Remarketing Fee	0.125%	NA
Trustee Fee	\$1,900	\$1,900

Summary of Effective Annual Interest Rate		
Current Variable Rate	0.270%	NA
Current Fixed Rate (20 yrs)	NA	5.500%
Letter of Credit Fee (1)	1.000%	NA
Remarketing Fee	0.125%	NA
Trustee Fee	<u>0.004%</u>	<u>0.004%</u>
Annual Rate	1.399%	5.504%
Annualized Up-front Fees (2)	<u>0.042%</u>	<u>0.065%</u>
All-In Rate	1.441%	5.569%

(1) Estimated fee. Actual fee will be determined through negotiations with ULI and Bank.

(2) Represents total issuance costs amortized over 20 years.

Exhibit G

Architectural Plans and Specifications Issued
for Pricing of the Underground Parking Ramp

BLOCK 88 + BLOCK 105 PARKING GARAGE

SOUTH PINCKNEY STREET MADISON, WI 53703

DRAWING DISTRIBUTION SCHEDULE

- ISSUED AS FULL SHEET
- ISSUED AS SKETCH
- ISSUED FOR INFORMATION ONLY
- ISSUED AS FULL SHEET WITHOUT REVISIONS

DWG. NO.	TITLE	REVISION
GENERAL		
GO-01	DRAWING DISTRIBUTION SCHEDULE AND GENERAL NOTES	●
ARCHITECTURAL		
A1-01	PARKING LEVEL P5 FLOOR PLAN	●
A1-02	PARKING LEVEL P3/P4 FLOOR PLAN	●
A1-03	PARKING LEVEL P2 FLOOR PLAN	●
A1-04	WILSON STREET LEVEL P1 PLAN	●
A1-05	DOTY STREET LEVEL 01 SITE PLAN	●
A1-06	LEVEL 02 PLAN	●
A3-01	SITE SECTIONS	□
STRUCTURAL		
S1-00	REINFORCED CONCRETE OPTION FOUNDATION PLAN	●
S1-00 PT	P/T CONCRETE OPTION FOUNDATION PLAN	●
S1-01	PARKING LEVEL 5 SLAB ON GRADE PLAN	●
S1-02	REINFORCED CONCRETE OPTION LEVEL P3/P4 FRAMING	●
S1-02 PT	P/T CONCRETE OPTION LEVEL P3/P4 FRAMING	●
S1-03	REINFORCED CONCRETE OPTION LEVEL P2 FRAMING	●
S1-03 PT	P/T CONCRETE OPTION LEVEL P2 FRAMING	●
S1-04	REINFORCED CONCRETE OPTION LEVEL P1 FRAMING	●
S1-04 PT	P/T CONCRETE OPTION LEVEL P1 FRAMING	●
S1-05	REINFORCED CONCRETE OPTION LEVEL 01 FRAMING	●
S1-05 PT	P/T CONCRETE OPTION LEVEL 01 FRAMING	●

GENERAL NOTES

- PROJECT PHASING - SEE PHASING LINE INDICATED ON DRAWINGS.
PHASE ONE INCLUDES DEMOLITION OF THE TWO-STORY EAST WING OF MADISON MUNICIPAL BUILDING, REMOVAL OF PARKING CANOPY, SITEWORK, EXCAVATION AND RETENSION REQUIRED FOR BLOCK 88 UNDERGROUND PARKING. EXISTING GOVERNMENT EAST PARKING STRUCTURE ON BLOCK 105 TO REMAIN OPEN AND ACCESSIBLE FOR ENTIRE DURATION OF PHASE ONE CONSTRUCTION.
- CONSTRUCTION STAGING - ALL STAGING SHALL BE ON PINCKNEY STREET.
- MECHANICAL SYSTEMS - PROVIDE EXHAUST VENTILATION SYSTEMS AND CARBON MONOXIDE DETECTION SYSTEMS.
- ELECTRICAL SYSTEMS - PROVIDE LIGHTING, ALARM AND SECURITY THROUGHOUT.
- PLUMBING SYSTEMS - PROVIDE WATER SUPPLY, GAS PIPING, AND SEWER SYSTEMS FROM MUNICIPAL SERVICE; PROVIDE FOUNDATION DRAINAGE AND SUMP SYSTEMS FOR UNDERGROUND PARKING AREAS.
- FIRE PROTECTION SYSTEMS - PROVIDE AUTOMATIC FIRE SPRINKLER SYSTEMS FOR ALL UNDERGROUND PARKING AREAS.

PROJECT DATA

GENERAL PROJECT INFORMATION:

PROJECT LOCATION: S. PINCKNEY ST. BETWEEN E. DOTY AND E. WILSON STREETS
MADISON, WI 53703

PROJECT DESCRIPTION: FIVE LEVEL UNDERGROUND (ENCLOSED) PARKING GARAGE

GENERAL CODE INFORMATION:

BUILDING CODE: INTERNATIONAL BUILDING CODE 2006 WITH SUPPLEMENTAL WISCONSIN SECTIONS
BASE BUILDING USE GROUP: LOW-HAZARD STORAGE, GROUP S-2
CONSTRUCTION TYPE: IA NON COMBUSTIBLE

ACCESSIBILITY: ALL WORK DESCRIBED HEREIN SHALL BE EXECUTED IN COMPLIANCE WITH TITLE III OF THE AMERICANS WITH DISABILITIES ACT, 1990

EGRESS REQUIREMENTS:

EXIT ACCESS TRAVEL: 400 FEET
DEAD END CORRIDOR: 20 FEET
2 EXIT > 50 OCCUPANTS
2 EXIT > 75 FEET OF TRAVEL
MIN. WIDTH OF EXIT ACCESS CORRIDOR: > 44"
> 36" IF < 50 OCCUPANTS
MIN. WIDTH OF EXITS: DOORS OCCUPANT LOAD X 20" OR 32" MIN.
> 32" (ADA MIN. CLEAR)

FIRE RESISTANCE RATINGS:

STRUCTURAL FRAME (INCLUDING COLUMNS, ORDERS, TRUSSES) (IF SUPPORTING ROOF ONLY)	3
BEARING WALLS	2
EXTERIOR	3
INTERIOR	2
NONBEARING WALLS AND PARTITIONS	
EXTERIOR (1 30' FIRE SEPARATION DISTANCE) (2 30' FIRE SEPARATION DISTANCE)	1
INTERIOR	0
ELEVATOR ENCLOSURE	2
EXIT STAIRWAYS	2
SHAFTS	2
CORRIDORS	0
TENANT SEPARATION	0
BUILDING SEPARATION FIRE WALL	3
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS & JOISTS)	2
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS & JOISTS)	1 1/2
PENTHOUSE ROOF & WALL CONSTRUCTION (OVER 20' FROM PROPERTY LINE)	0

PROJECT TEAM:

OWNER
URBAN LAND INTERESTS
10 EAST DOTY, SUITE 300
MADISON, WI 53703
(608) 251-0706 FAX (608) 251-5572

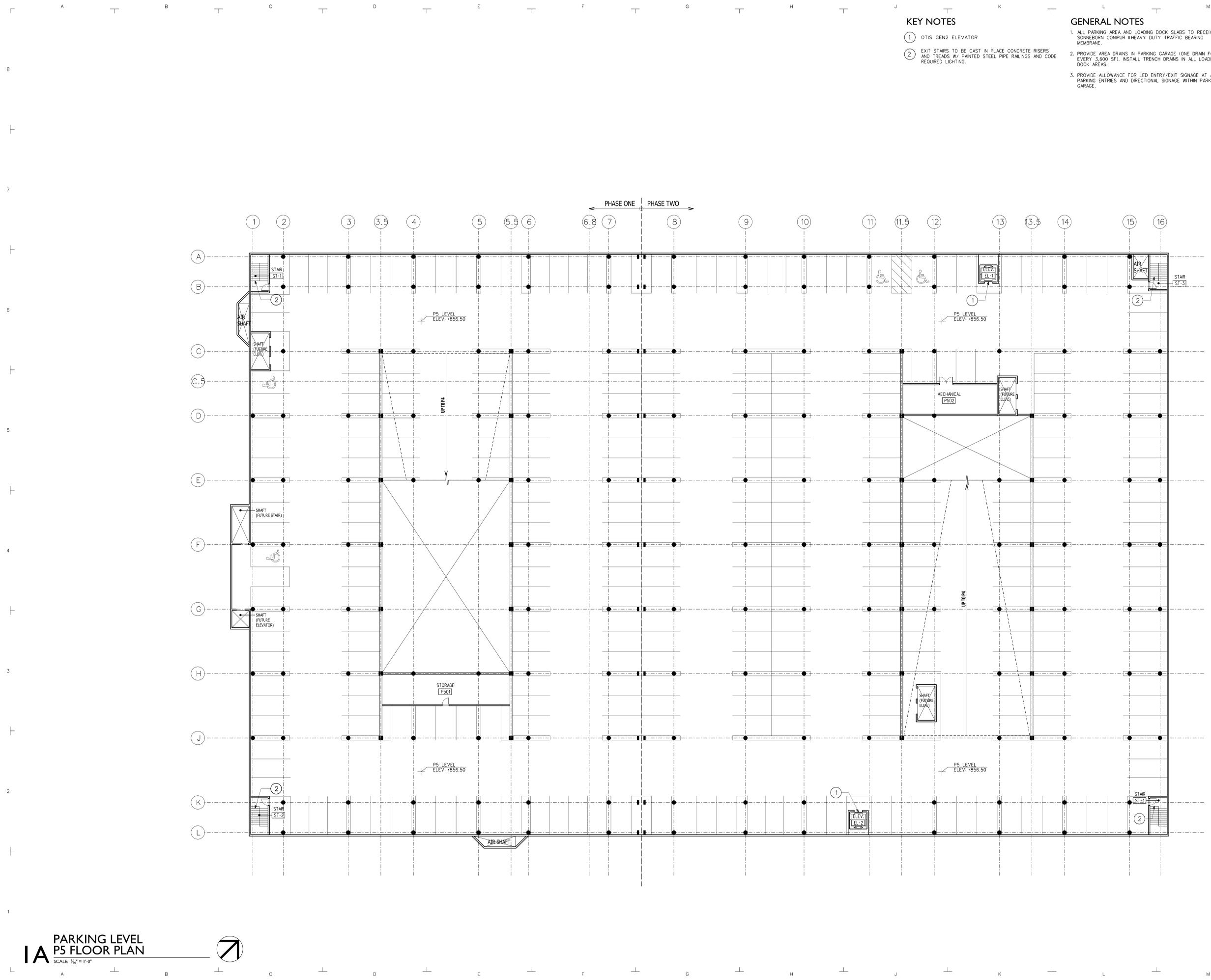
ARCHITECT
VALERIO DEWALT TRAIN ASSOCIATES INC.
500 NORTH DEARBORN, 9TH FLOOR
CHICAGO, ILLINOIS 60654
312.260.7300 FAX 312.260.7301

STRUCTURAL / PARKING

CARL WALKER INC.
1920 SOUTH HIGHLAND AVENUE, SUITE 210
LOMBARD, ILLINOIS 60148
630.307.3800 FAX 630.307.7030

ABBREVIATIONS

ACOUS. ACOUSTICAL	ACOUS. ACOUSTICAL	DBL. DOUBLE	DBL. DOUBLE	DEM. DEMOLISH	DEM. DEMOLISH	DEPT. DEPARTMENT	DEPT. DEPARTMENT	DIAM. DIAMETER	DIAM. DIAMETER	DIAG. DIAGONAL	DIAG. DIAGONAL	DIFF. DIFFUSER	DIFF. DIFFUSER	DIM. DIMENSION	DIM. DIMENSION	DISP. DISPENSER	DISP. DISPENSER	DIV. DIVISION	DIV. DIVISION	DN. DOWN	DN. DOWN	D.O. DOOR OPENING	D.O. DOOR OPENING	D.P. DAMPROOFING	D.P. DAMPROOFING	DR. DOOR	DR. DOOR	D.S. DOWNSPOUT	D.S. DOWNSPOUT	DTL. DETAIL	DTL. DETAIL	H.O. HOLD OPEN	H.O. HOLD OPEN	HORIZ. HORIZONTAL	HORIZ. HORIZONTAL	H.P. HIGH POINT	H.P. HIGH POINT	HR. HOUR	HR. HOUR	HT. HEIGHT	HT. HEIGHT	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT. FUTURE	FUT. FUTURE	G.A. GALV. GALVANIZED	G.A. GALV. GALVANIZED	GEN. GENERAL	GEN. GENERAL	GL. GLASS	GL. GLASS	GND. GROUND	GND. GROUND	G.PL. GYPSUM PLASTER	G.PL. GYPSUM PLASTER	GR. GRADE	GR. GRADE	G.T. GREASE TRAP	G.T. GREASE TRAP	G.W.B. GYPSUM WALL BOARD	G.W.B. GYPSUM WALL BOARD	H.B. HOSE BIB	H.B. HOSE BIB	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT. FUTURE	FUT. FUTURE	G.A. GALV. GALVANIZED	G.A. GALV. GALVANIZED	GEN. GENERAL	GEN. GENERAL	GL. GLASS	GL. GLASS	GND. GROUND	GND. GROUND	G.PL. GYPSUM PLASTER	G.PL. GYPSUM PLASTER	GR. GRADE	GR. GRADE	G.T. GREASE TRAP	G.T. GREASE TRAP	G.W.B. GYPSUM WALL BOARD	G.W.B. GYPSUM WALL BOARD	H.B. HOSE BIB	H.B. HOSE BIB	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT. FUTURE	FUT. FUTURE	G.A. GALV. GALVANIZED	G.A. GALV. GALVANIZED	GEN. GENERAL	GEN. GENERAL	GL. GLASS	GL. GLASS	GND. GROUND	GND. GROUND	G.PL. GYPSUM PLASTER	G.PL. GYPSUM PLASTER	GR. GRADE	GR. GRADE	G.T. GREASE TRAP	G.T. GREASE TRAP	G.W.B. GYPSUM WALL BOARD	G.W.B. GYPSUM WALL BOARD	H.B. HOSE BIB	H.B. HOSE BIB	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT. FUTURE	FUT. FUTURE	G.A. GALV. GALVANIZED	G.A. GALV. GALVANIZED	GEN. GENERAL	GEN. GENERAL	GL. GLASS	GL. GLASS	GND. GROUND	GND. GROUND	G.PL. GYPSUM PLASTER	G.PL. GYPSUM PLASTER	GR. GRADE	GR. GRADE	G.T. GREASE TRAP	G.T. GREASE TRAP	G.W.B. GYPSUM WALL BOARD	G.W.B. GYPSUM WALL BOARD	H.B. HOSE BIB	H.B. HOSE BIB	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT. FUTURE	FUT. FUTURE	G.A. GALV. GALVANIZED	G.A. GALV. GALVANIZED	GEN. GENERAL	GEN. GENERAL	GL. GLASS	GL. GLASS	GND. GROUND	GND. GROUND	G.PL. GYPSUM PLASTER	G.PL. GYPSUM PLASTER	GR. GRADE	GR. GRADE	G.T. GREASE TRAP	G.T. GREASE TRAP	G.W.B. GYPSUM WALL BOARD	G.W.B. GYPSUM WALL BOARD	H.B. HOSE BIB	H.B. HOSE BIB	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT. FUTURE	FUT. FUTURE	G.A. GALV. GALVANIZED	G.A. GALV. GALVANIZED	GEN. GENERAL	GEN. GENERAL	GL. GLASS	GL. GLASS	GND. GROUND	GND. GROUND	G.PL. GYPSUM PLASTER	G.PL. GYPSUM PLASTER	GR. GRADE	GR. GRADE	G.T. GREASE TRAP	G.T. GREASE TRAP	G.W.B. GYPSUM WALL BOARD	G.W.B. GYPSUM WALL BOARD	H.B. HOSE BIB	H.B. HOSE BIB	H.C. HOLLOW CORE	H.C. HOLLOW CORE	H.W. HOT WATER	H.W. HOT WATER	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING	EL. ELEVATION	EL. ELEVATION	ELAS. ELASTOMERIC	ELAS. ELASTOMERIC	ELEC. ELECTRICAL	ELEC. ELECTRICAL	ENCL. ENCLOSURE	ENCL. ENCLOSURE	ENGR. ENGINEER	ENGR. ENGINEER	ENT. ENTRANCE	ENT. ENTRANCE	E.J. EXPANSION JOINT	E.J. EXPANSION JOINT	E.O. ELECTRICAL OUTLET	E.O. ELECTRICAL OUTLET	E.PNL. ELECTRICAL PANEL	E.PNL. ELECTRICAL PANEL	EQ. EQUAL	EQ. EQUAL	EQUIP. EQUIPMENT	EQUIP. EQUIPMENT	E.W.C. ELECTRIC WATER	E.W.C. ELECTRIC WATER	EXC. EXCAVATION	EXC. EXCAVATION	EXH. EXHAUST	EXH. EXHAUST	EXIST. EXISTING	EXIST. EXISTING	EXP. EXPOSED	EXP. EXPOSED	EXT. EXTERIOR	EXT. EXTERIOR	F. FABRIC	F. FABRIC	F.F. FACE OF	F.F. FACE OF	F.A. FIRE ALARM	F.A. FIRE ALARM	F.BR. FACE BRICK	F.BR. FACE BRICK	F.C. FOOT CONTROL	F.C. FOOT CONTROL	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	F.D. FLOOR DRAIN	FDN. FOUNDATION	FDN. FOUNDATION	F.E. FIRE EXTINGUISHER	F.E. FIRE EXTINGUISHER	F.E.C. FIRE EXTINGUISHER CABINET	F.E.C. FIRE EXTINGUISHER CABINET	F.H.C. FIRE HOSE CABINET	F.H.C. FIRE HOSE CABINET	F.H.M.S. FIRE HEAD MACHINE	F.H.M.S. FIRE HEAD MACHINE	F.H.R. FIRE HOSE RACK	F.H.R. FIRE HOSE RACK	FIN. FINISH	FIN. FINISH	FL. FLOOR	FL. FLOOR	FLEX. FLEXIBLE	FLEX. FLEXIBLE	FLOR. FLUORESCENT	FLOR. FLUORESCENT	F.F.P. FIREPROOF	F.F.P. FIREPROOF	FT. FOOT(FEET)	FT. FOOT(FEET)	F.T.F. FACE TO FACE	F.T.F. FACE TO FACE	FTG. FOOTING	FTG. FOOTING	F.T.R. FIN TUBE RADIATION	F.T.R. FIN TUBE RADIATION	FURN. FURNISH	FURN. FURNISH	FUR. FURRING	FUR. FURRING	FUT.
-------------------	-------------------	-------------	-------------	---------------	---------------	------------------	------------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	-----------------	-----------------	---------------	---------------	----------	----------	-------------------	-------------------	------------------	------------------	----------	----------	----------------	----------------	-------------	-------------	----------------	----------------	-------------------	-------------------	-----------------	-----------------	----------	----------	------------	------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	-------------	-------------	-----------------------	-----------------------	--------------	--------------	-----------	-----------	-------------	-------------	----------------------	----------------------	-----------	-----------	------------------	------------------	--------------------------	--------------------------	---------------	---------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	-------------	-------------	-----------------------	-----------------------	--------------	--------------	-----------	-----------	-------------	-------------	----------------------	----------------------	-----------	-----------	------------------	------------------	--------------------------	--------------------------	---------------	---------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	-------------	-------------	-----------------------	-----------------------	--------------	--------------	-----------	-----------	-------------	-------------	----------------------	----------------------	-----------	-----------	------------------	------------------	--------------------------	--------------------------	---------------	---------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	-------------	-------------	-----------------------	-----------------------	--------------	--------------	-----------	-----------	-------------	-------------	----------------------	----------------------	-----------	-----------	------------------	------------------	--------------------------	--------------------------	---------------	---------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	-------------	-------------	-----------------------	-----------------------	--------------	--------------	-----------	-----------	-------------	-------------	----------------------	----------------------	-----------	-----------	------------------	------------------	--------------------------	--------------------------	---------------	---------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	-------------	-------------	-----------------------	-----------------------	--------------	--------------	-----------	-----------	-------------	-------------	----------------------	----------------------	-----------	-----------	------------------	------------------	--------------------------	--------------------------	---------------	---------------	------------------	------------------	----------------	----------------	---	---	---------------	---------------	-------------------	-------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	---------------	---------------	----------------------	----------------------	------------------------	------------------------	-------------------------	-------------------------	-----------	-----------	------------------	------------------	-----------------------	-----------------------	-----------------	-----------------	--------------	--------------	-----------------	-----------------	--------------	--------------	---------------	---------------	-----------	-----------	--------------	--------------	-----------------	-----------------	------------------	------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------------	------------------------	----------------------------------	----------------------------------	--------------------------	--------------------------	----------------------------	----------------------------	-----------------------	-----------------------	-------------	-------------	-----------	-----------	----------------	----------------	-------------------	-------------------	------------------	------------------	----------------	----------------	---------------------	---------------------	--------------	--------------	---------------------------	---------------------------	---------------	---------------	--------------	--------------	------

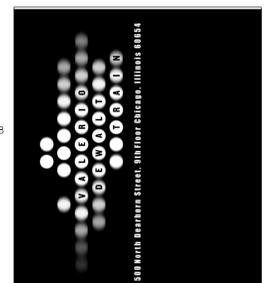


KEY NOTES

- 1 OTIS GEN2 ELEVATOR
- 2 EXIT STAIRS TO BE CAST IN PLACE CONCRETE RISERS AND TREADS W/ PAINTED STEEL PIPE RAILINGS AND CODE REQUIRED LIGHTING.

GENERAL NOTES

- 1. ALL PARKING AREA AND LOADING DOCK SLABS TO RECEIVE SONNEBORN COMPLIANT HEAVY DUTY TRAFFIC BEARING MEMBRANE.
- 2. PROVIDE AREA DRAINS IN PARKING GARAGE (ONE DRAIN FOR EVERY 3,600 SF). INSTALL TRENCH DRAINS IN ALL LOADING DOCK AREAS.
- 3. PROVIDE ALLOWANCE FOR LED ENTRY/EXIT SIGNAGE AT ALL PARKING ENTRIES AND DIRECTIONAL SIGNAGE WITHIN PARKING GARAGE.



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC

ISSUE		
NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011
PROJECT TEAM		
DAVID JENNERJAHN		
MATT DUMICH		

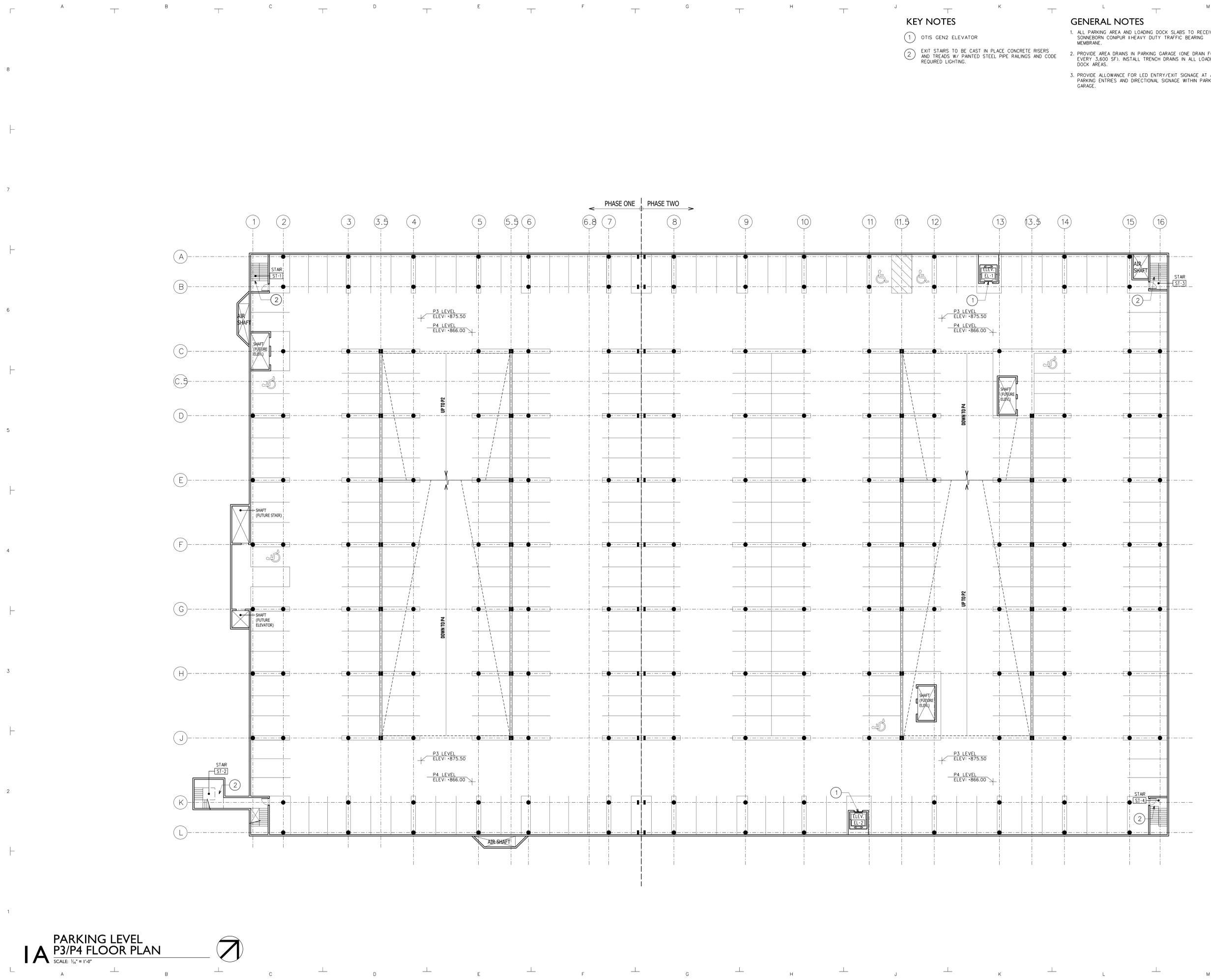
PROJECT NUMBER
VDTA 09130.00

PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

SHEET TITLE
**PARKING LEVEL
P5 FLOOR PLAN**

SHEET NUMBER

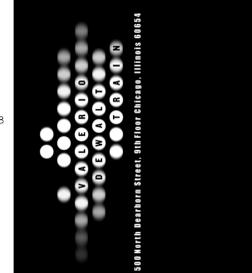


KEY NOTES

- 1 OTIS GEN2 ELEVATOR
- 2 EXIT STAIRS TO BE CAST IN PLACE CONCRETE RISERS AND TREADS W/ PAINTED STEEL PIPE RAILINGS AND CODE REQUIRED LIGHTING.

GENERAL NOTES

- 1. ALL PARKING AREA AND LOADING DOCK SLABS TO RECEIVE SONNEBORN COMPLIANT HEAVY DUTY TRAFFIC BEARING MEMBRANE.
- 2. PROVIDE AREA DRAINS IN PARKING GARAGE (ONE DRAIN FOR EVERY 3,600 SF). INSTALL TRENCH DRAINS IN ALL LOADING DOCK AREAS.
- 3. PROVIDE ALLOWANCE FOR LED ENTRY/EXIT SIGNAGE AT ALL PARKING ENTRIES AND DIRECTIONAL SIGNAGE WITHIN PARKING GARAGE.



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC

ISSUE		
NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011
PROJECT TEAM		
DAVID JENNERJAHN		
MATT DUMICH		

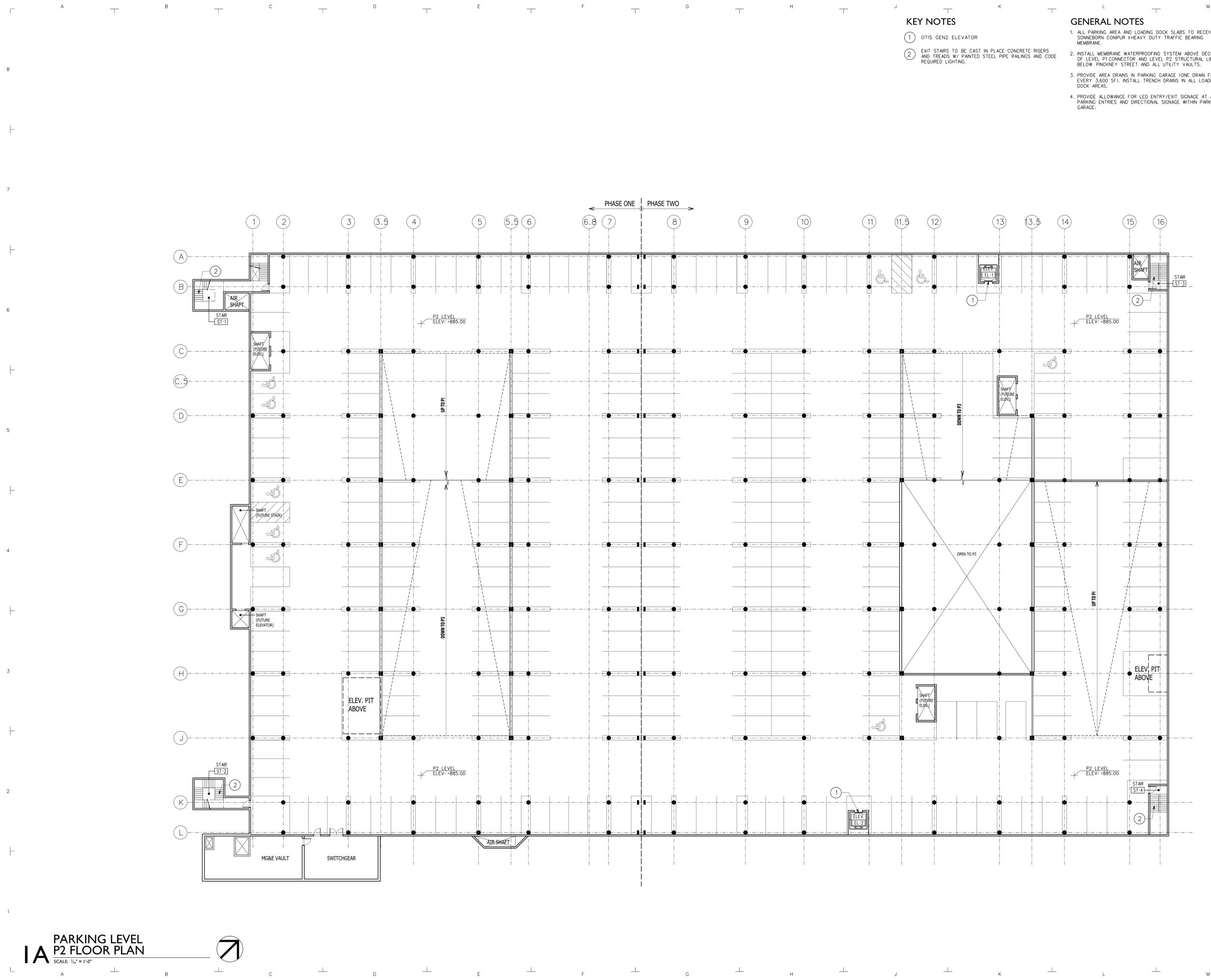
PROJECT NUMBER
VDTA 09130.00

PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

SHEET TITLE
**PARKING LEVEL
P3/P4 FLOOR PLAN**

SHEET NUMBER

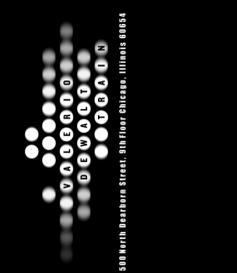


KEY NOTES

- 1 OTIS GEN2 ELEVATOR
- 2 EXIT STAIRS TO BE CAST IN PLACE CONCRETE RISERS AND TREADS W/ PAINTED STEEL PIPE RAILINGS AND CODE REQUIRED LIGHTING.

GENERAL NOTES

- 1. ALL PARKING AREA AND LOADING DOCK SLABS TO RECEIVE SONNEBORN COMPLUR II HEAVY DUTY TRAFFIC BEARING MEMBRANE.
- 2. INSTALL MEMBRANE WATERPROOFING SYSTEM ABOVE DECK OF LEVEL P1 CONNECTOR AND LEVEL P2 STRUCTURAL LID BELOW PINCKNEY STREET AND ALL UTILITY VAULTS.
- 3. PROVIDE AREA DRAINS IN PARKING GARAGE (ONE DRAIN FOR EVERY 3,600 SF). INSTALL TRENCH DRAINS IN ALL LOADING DOCK AREAS.
- 4. PROVIDE ALLOWANCE FOR LED ENTRY/EXIT SIGNAGE AT ALL PARKING ENTRIES AND DIRECTIONAL SIGNAGE WITHIN PARKING GARAGE.



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC

ISSUE		
NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011

PROJECT TEAM
DAVID JENNERJAHN
MATT DUMICH

PROJECT NUMBER
VDTA 09130.00

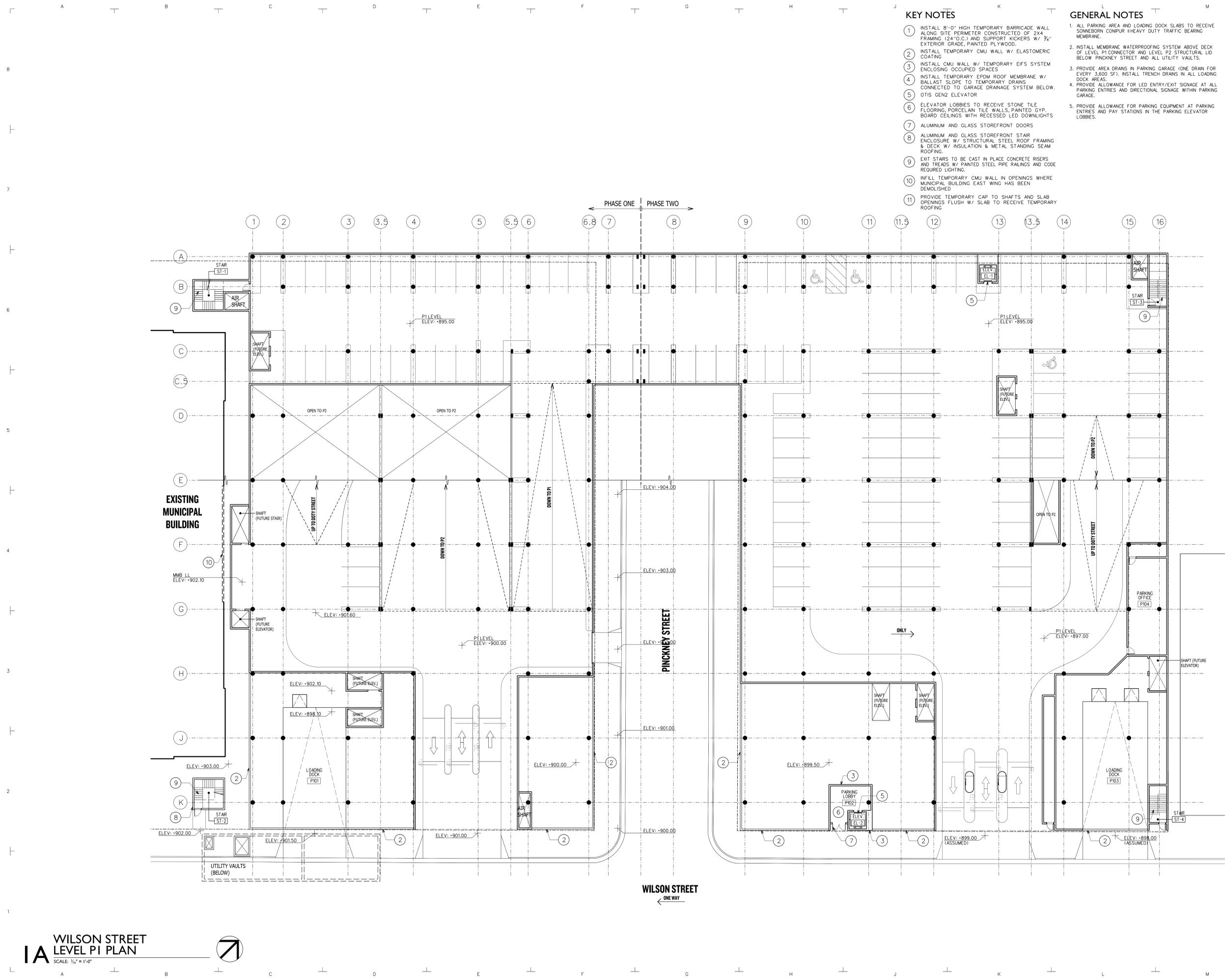
PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

SHEET TITLE
**PARKING LEVEL
P2 FLOOR PLAN**

SHEET NUMBER

A1-03

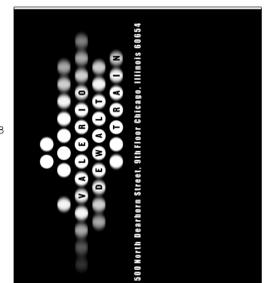


KEY NOTES

1. INSTALL 8'-0" HIGH TEMPORARY BARRICADE WALL ALONG SITE PERIMETER CONSTRUCTED OF 2X4 FRAMING (24" O.C.) AND SUPPORT KICKERS W/ 3/4" EXTERIOR GRADE, PAINTED PLYWOOD.
2. INSTALL TEMPORARY CMU WALL W/ ELASTOMERIC COATING
3. INSTALL CMU WALL W/ TEMPORARY EIFS SYSTEM ENCLOSING OCCUPIED SPACES
4. INSTALL TEMPORARY EPDM ROOF MEMBRANE W/ BALLAST SLOPE TO TEMPORARY DRAINS CONNECTED TO GARAGE DRAINAGE SYSTEM BELOW. OTIS GEN2 ELEVATOR
5. ELEVATOR LOBBIES TO RECEIVE STONE TILE FLOORING, PORCELAIN TILE WALLS, PAINTED GYP. BOARD CEILINGS WITH RECESSED LED DOWNLIGHTS
6. ALUMINUM AND GLASS STOREFRONT DOORS
7. ALUMINUM AND GLASS STOREFRONT STAIR ENCLOSURE W/ STRUCTURAL STEEL ROOF FRAMING & DECK W/ INSULATION & METAL STANDING SEAM ROOFING.
8. EXIT STAIRS TO BE CAST IN PLACE CONCRETE RISERS AND TREADS W/ PAINTED STEEL PIPE RAILINGS AND CODE REQUIRED LIGHTING.
9. INFILL TEMPORARY CMU WALL IN OPENINGS WHERE MUNICIPAL BUILDING EAST WING HAS BEEN DEMOLISHED
10. PROVIDE TEMPORARY CAP TO SHAFTS AND SLAB OPENINGS FLUSH W/ SLAB TO RECEIVE TEMPORARY ROOFING

GENERAL NOTES

1. ALL PARKING AREA AND LOADING DOCK SLABS TO RECEIVE SONNEBORN CONPUR II HEAVY DUTY TRAFFIC BEARING MEMBRANE.
2. INSTALL MEMBRANE WATERPROOFING SYSTEM ABOVE DECK OF LEVEL P1 CONNECTOR AND LEVEL P2 STRUCTURAL LID BELOW PINKNEY STREET AND ALL UTILITY VAULTS.
3. PROVIDE AREA DRAINS IN PARKING GARAGE (ONE DRAIN FOR EVERY 3,600 SF). INSTALL TRENCH DRAINS IN ALL LOADING DOCK AREAS.
4. PROVIDE ALLOWANCE FOR LED ENTRY/EXIT SIGNAGE AT ALL PARKING ENTRIES AND DIRECTIONAL SIGNAGE WITHIN PARKING GARAGE.
5. PROVIDE ALLOWANCE FOR PARKING EQUIPMENT AT PARKING ENTRIES AND PAY STATIONS IN THE PARKING ELEVATOR LOBBIES.



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC

ISSUE		
NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011

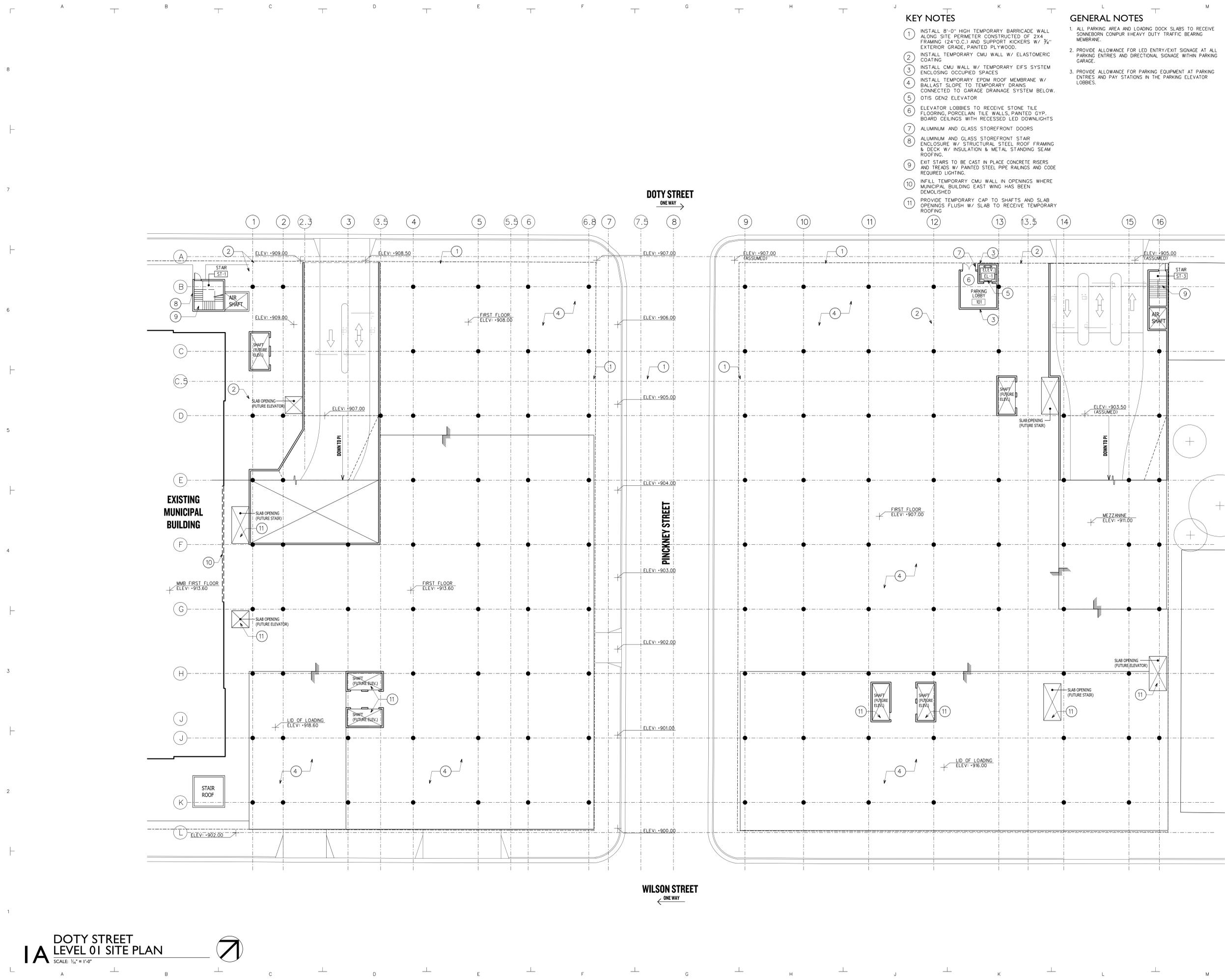
PROJECT TEAM
DAVID JENNERJAHN
MATT DUMICH

PROJECT NUMBER
VDTA 09130.00

PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN
SHEET TITLE
WILSON STREET
LEVEL P1 PLAN

SHEET NUMBER

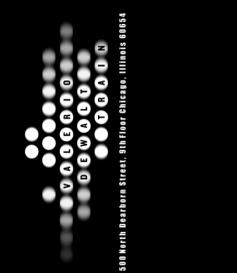


KEY NOTES

1. INSTALL 8'-0" HIGH TEMPORARY BARRICADE WALL ALONG SITE PERIMETER CONSTRUCTED OF 2x4 FRAMING (24" O.C.) AND SUPPORT KICKERS W/ 3/4" EXTERIOR GRADE, PAINTED PLYWOOD.
2. INSTALL TEMPORARY CMU WALL W/ ELASTOMERIC COATING.
3. INSTALL CMU WALL W/ TEMPORARY EIFS SYSTEM ENCLOSING OCCUPIED SPACES.
4. INSTALL TEMPORARY EPDM ROOF MEMBRANE W/ BALLAST SLOPE TO TEMPORARY DRAINS CONNECTED TO GARAGE DRAINAGE SYSTEM BELOW.
5. OTIS GEN2 ELEVATOR.
6. ELEVATOR LOBBIES TO RECEIVE STONE TILE FLOORING, PORCELAIN TILE WALLS, PAINTED GYP. BOARD CEILINGS WITH RECESSED LED DOWNLIGHTS.
7. ALUMINUM AND GLASS STOREFRONT DOORS.
8. ALUMINUM AND GLASS STOREFRONT STAIR ENCLOSURE W/ STRUCTURAL STEEL ROOF FRAMING & DECK W/ INSULATION & METAL STANDING SEAM ROOFING.
9. EXIT STAIRS TO BE CAST IN PLACE CONCRETE RISERS AND TREADS W/ PAINTED STEEL PIPE RAILINGS AND CODE REQUIRED LIGHTING.
10. INFILL TEMPORARY CMU WALL IN OPENINGS WHERE MUNICIPAL BUILDING EAST WING HAS BEEN DEMOLISHED.
11. PROVIDE TEMPORARY CAP TO SHAFTS AND SLAB OPENINGS FLUSH W/ SLAB TO RECEIVE TEMPORARY ROOFING.

GENERAL NOTES

1. ALL PARKING AREA AND LOADING DOCK SLABS TO RECEIVE SONNEBORN CONPLUR I HEAVY DUTY TRAFFIC BEARING MEMBRANE.
2. PROVIDE ALLOWANCE FOR LED ENTRY/EXIT SIGNAGE AT ALL PARKING ENTRIES AND DIRECTIONAL SIGNAGE WITHIN PARKING GARAGE.
3. PROVIDE ALLOWANCE FOR PARKING EQUIPMENT AT PARKING ENTRIES AND PAY STATIONS IN THE PARKING ELEVATOR LOBBIES.



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC.

NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011

PROJECT TEAM
DAVID JENNERJAHN
MATT DUMICH

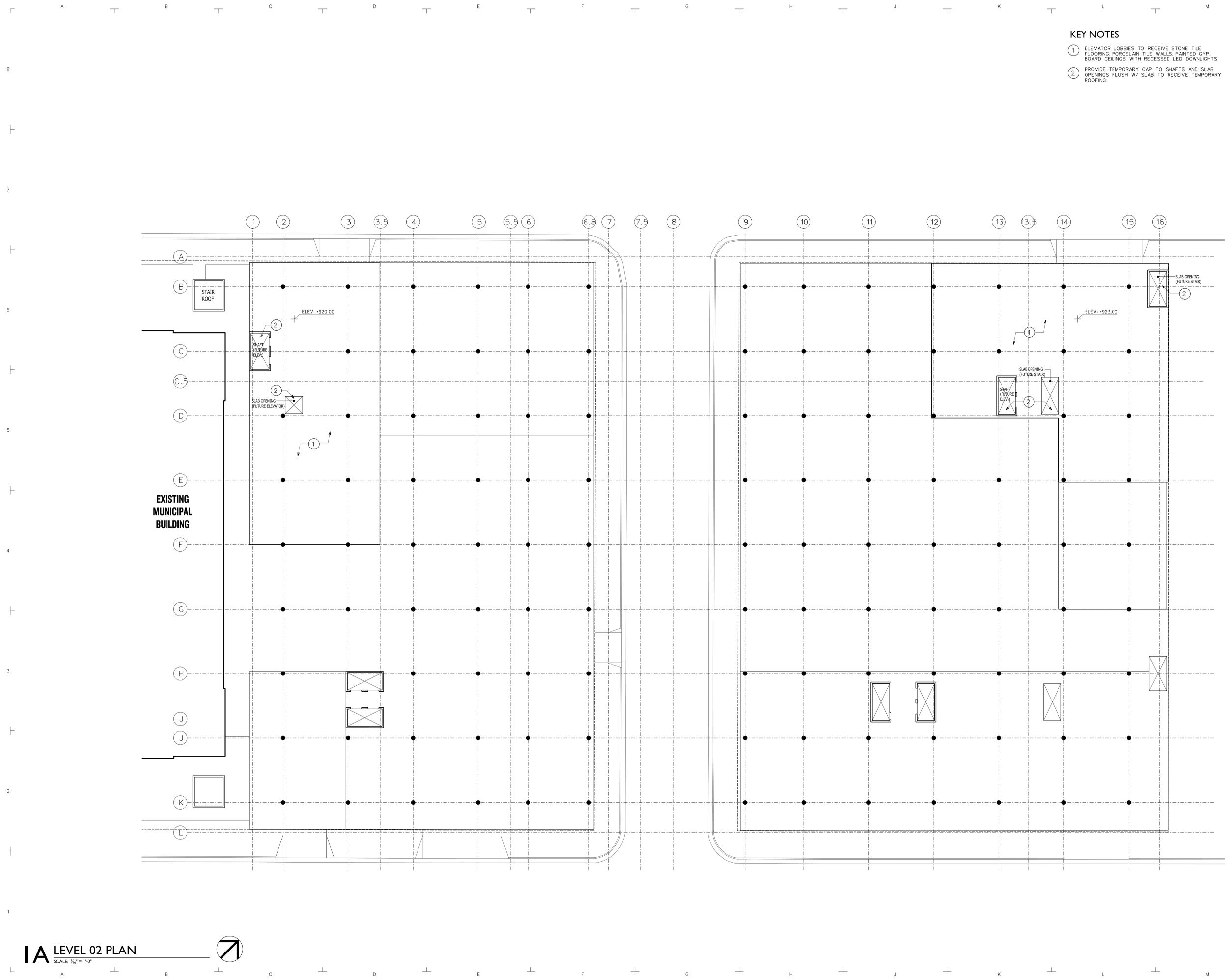
PROJECT NUMBER
VDTA 09130.00

PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

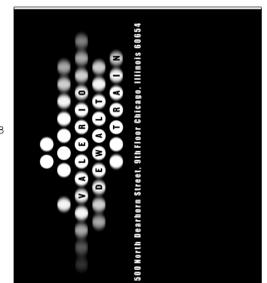
SHEET TITLE
DOTY STREET
LEVEL 01
SITE PLAN

SHEET NUMBER



KEY NOTES

- ① ELEVATOR LOBBIES TO RECEIVE STONE TILE FLOORING, PORCELAIN TILE WALLS, PAINTED GYP. BOARD CEILINGS WITH RECESSED LED DOWNLIGHTS
- ② PROVIDE TEMPORARY CAP TO SHAFTS AND SLAB OPENINGS FLUSH W/ SLAB TO RECEIVE TEMPORARY ROOFING



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN

© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC.

NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011

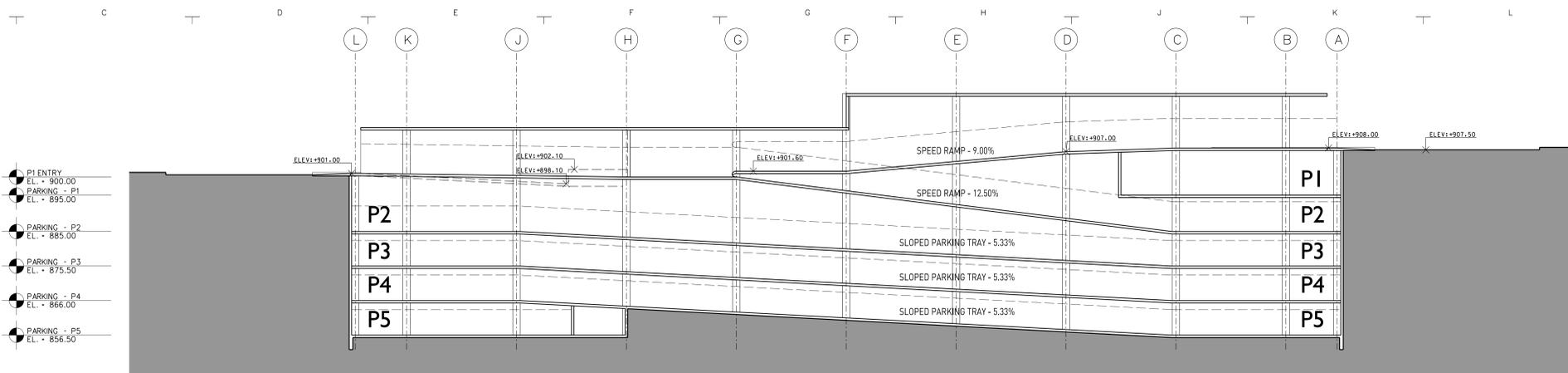
PROJECT TEAM
DAVID JENNERJAHN
MATT DUMICH

PROJECT NUMBER
VDTA 09130.00

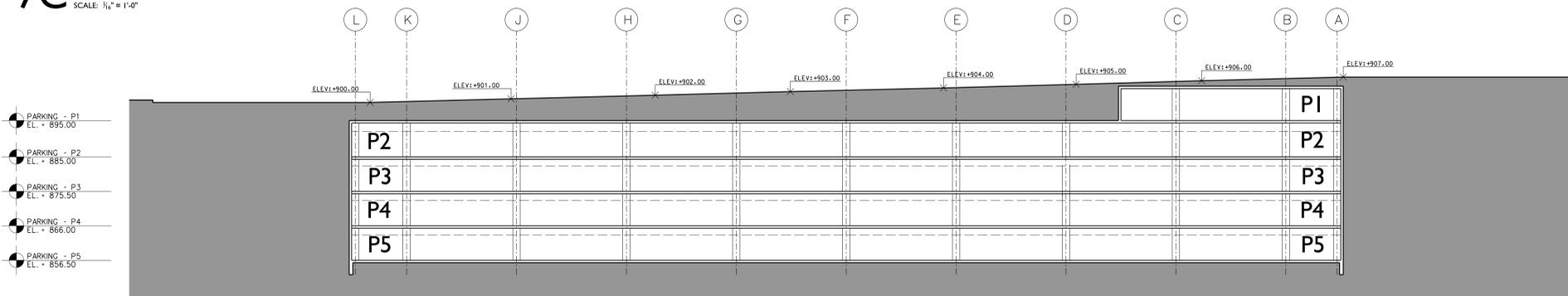
PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN
SHEET TITLE
LEVEL 02 PLAN

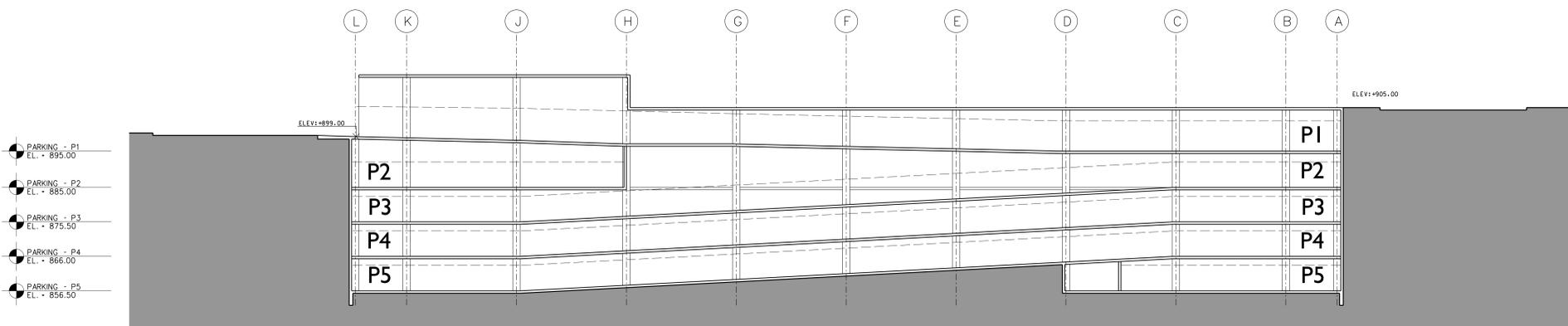
SHEET NUMBER



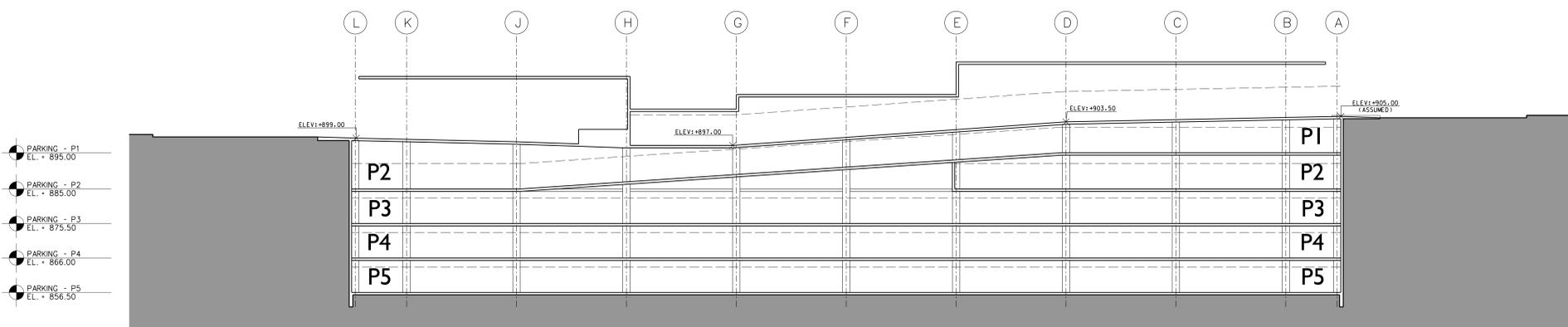
7C BLOCK 88
SECTION - WEST
SCALE: 1/4" = 1'-0"



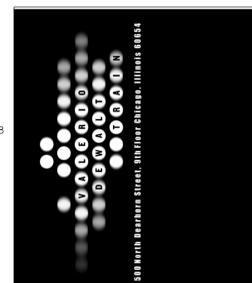
5C BLOCK 105
SECTION - WEST
SCALE: 1/4" = 1'-0"



3C BLOCK 105
SECTION - WEST
SCALE: 1/4" = 1'-0"



1C BLOCK 105
SECTION - WEST
SCALE: 1/4" = 1'-0"



**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN
© 2011 VALERIO DEWALT TRAIN ASSOCIATES, INC

NO.	ISSUED FOR	DATE
1	REVIEW	09.30.2011
PROJECT TEAM		
DAVID JENNERJAHN		
MATT DUMICH		

PROJECT NUMBER
VDTA 09130.00

PROJECT NAME AND ADDRESS
**BLOCK 88 + BLOCK 105
PARKING GARAGE**

MADISON, WISCONSIN
SHEET TITLE
SITE SECTIONS

SHEET NUMBER

A3-01