

## Applicable Urban Design Priorities Project Should Achieve

### [1] Consider an alternative location for the parking garage entry in order to reduce traffic impacts along Commerce.

The current proposed location for the parking garage entry creates a potential traffic impact due to the road diet and two-way conversion for Commerce Street currently under design. Relocating the garage entry to an alternative facade could reduce these impacts and improve the pedestrian experience along Commerce Street.

### [2] Explore further parking reductions and underground parking as a means to reduce the overall height and mass of the structure.

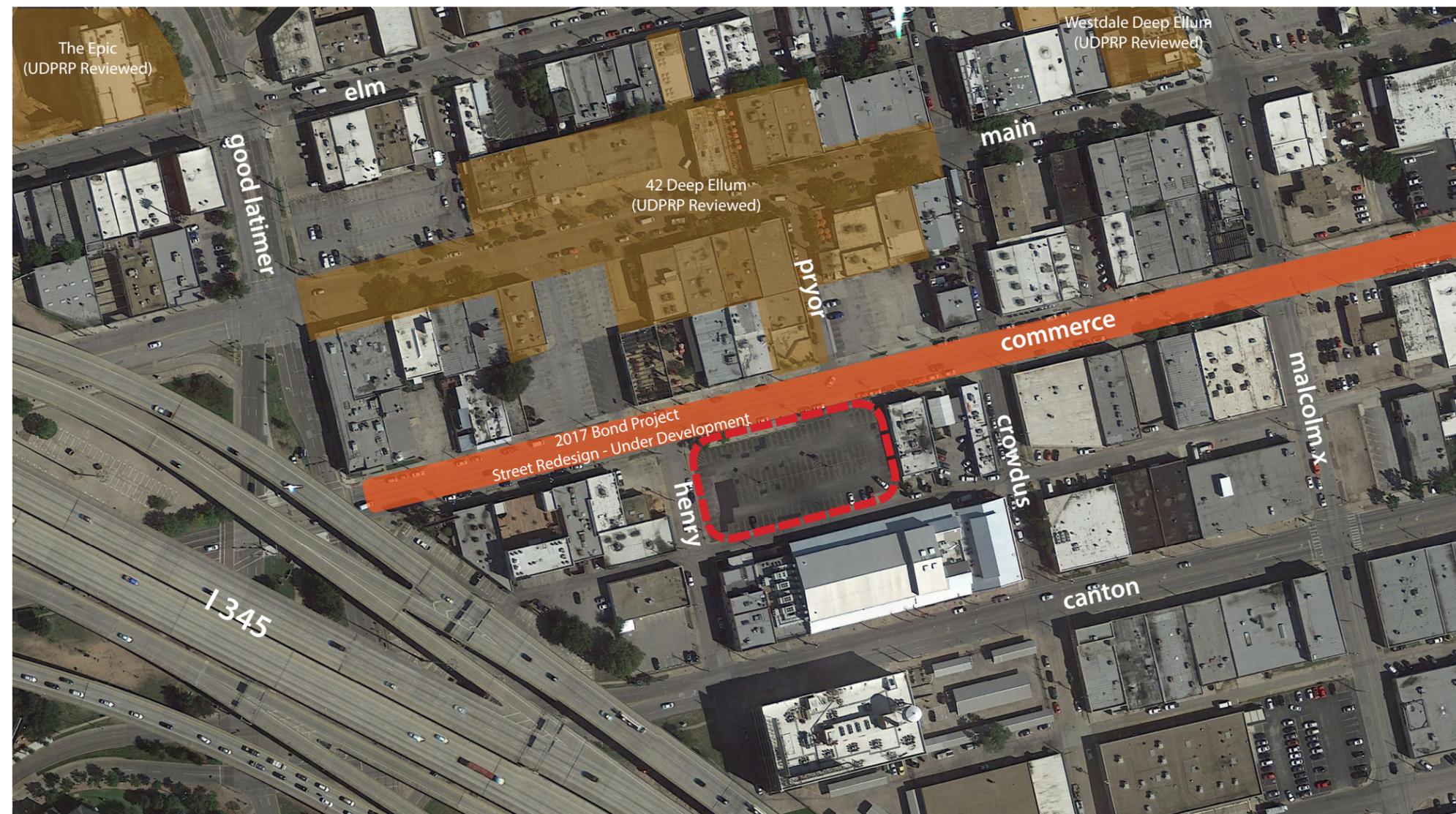
The surrounding development along Commerce Street is predominantly one and two story historic buildings. Considering the proposed development's context and its excess parking, there is an opportunity for the development to provide fewer parking spaces in order to reduce the overall required height for the development. Furthermore, the development team should explore remediation opportunities and sources of funding to provide a strategy to relocate some of the parking below-grade.

### [3] Further screen parking garage ramps and vehicles through enhanced facade design. Additionally, explore future possible uses for the garage.

While the proposed development does a good job in reflecting some of the historic character of the neighborhood in its facade design, greater effort should be put into screening headlights and exposed ramps. The design team should explore opportunities for retrofitting of the garage in the future for possible scenarios when there is less demand for parking.

### [4] Consider the terminating vista down Pryor Street onto the building as an opportunity for a defining architectural moment.

The current design highlights the facade facing the terminated vista on Pryor Street with an alternative brick facade color. With the proposed ramp location, the vista will also highlight the garage entry. The design team should explore ways in which to highlight this view through a dynamic architectural feature.



## Policy References

The 360 Plan  
Chapter 3, Chapter 4

Downtown Dallas 360  
Chapter 3, Chapter 4

Forward Dallas!  
Section 5 [urban design element]

TIF Urban Design Guidelines  
Part III, Part IV [Deep Ellum]

## Context Description

The Deep Ellum - Bomb Factory Office is a proposed 16-story mixed-use development located at the intersection of Henry Street and Commerce Street in Deep Ellum. The site is currently a large surface parking lot adjacent to the Bomb Factory music venue and other retail uses. The proposed development provisions ground-level retail, on top of which will be 9 levels of parking garage containing over 600 spaces. Above the garage are an office amenity deck and six levels of leaseable office space. The site has received a Municipal Setting Designation (MSD), making underground development on the site costly.

Important design considerations include effective streetscape design, retail integration with the public realm, parking garage ingress and egress, traffic concerns, structure facade design, height and massing design, and overall respect to the surrounding architectural context.

## Deep Ellum Garage + Office

Neighborhood:  
Deep Ellum

Program:  
Office  
Retail  
Parking

# **DEEP ELLUM BOMB FACTORY OFFICE**

Dallas, Texas

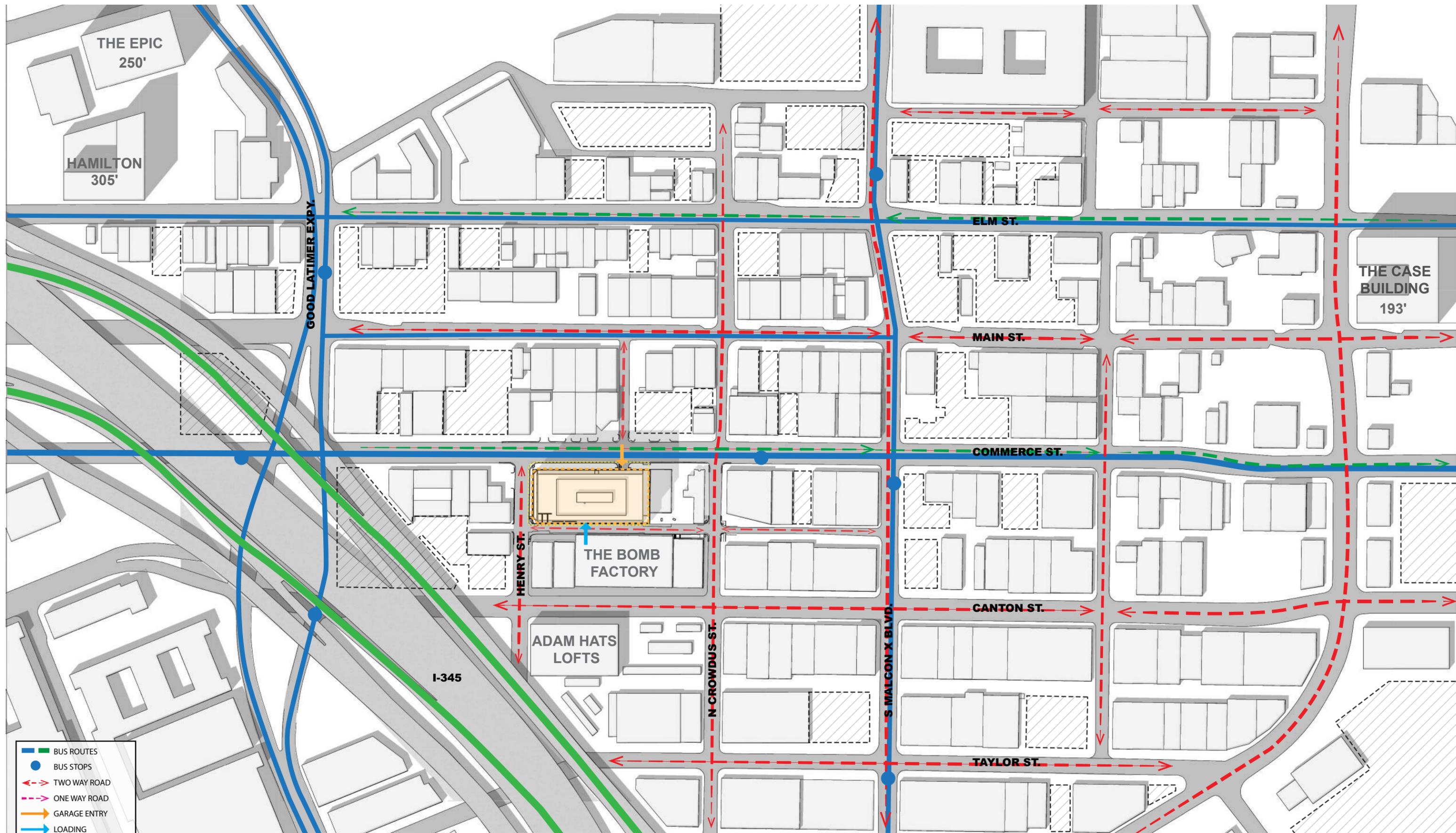
UDPRP Presentation, February 22, 2019

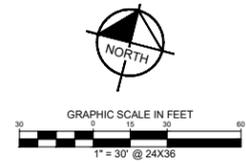
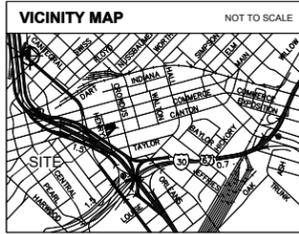
## Project Description

Deep Ellum Bomb Factory Office is 16-level mixed-use creative office project in Deep Ellum. The building is intended to relate to the historically significant context of the neighborhood while also serving as an innovative model for future development in the district. It will provide the much needed parking relief for the district and will activate a key site along the Commerce Street corridor.

The massing is split horizontally between a 9-level public parking podium and a 7-level office tower. The podium levels are clad in masonry veneer on the primary street-facing elevations, detailed in a traditional historic manner. Careful attention has been given to the design of the first 25' in height from the ground in order to contribute to the memorable and enjoyable pedestrian experience of the neighborhood. An amenity level with a large wrap-around balcony delineates between the podium and tower masses as the tower steps back from the podium facade in order to minimize the appearance of the upper massing.

The building is pursuing LEED Gold or better, Gold Fitwel, WiredScore, and WELL Building certifications, positioning it as an exemplary development that is sustainable and supportive of the health and welfare of its occupants.

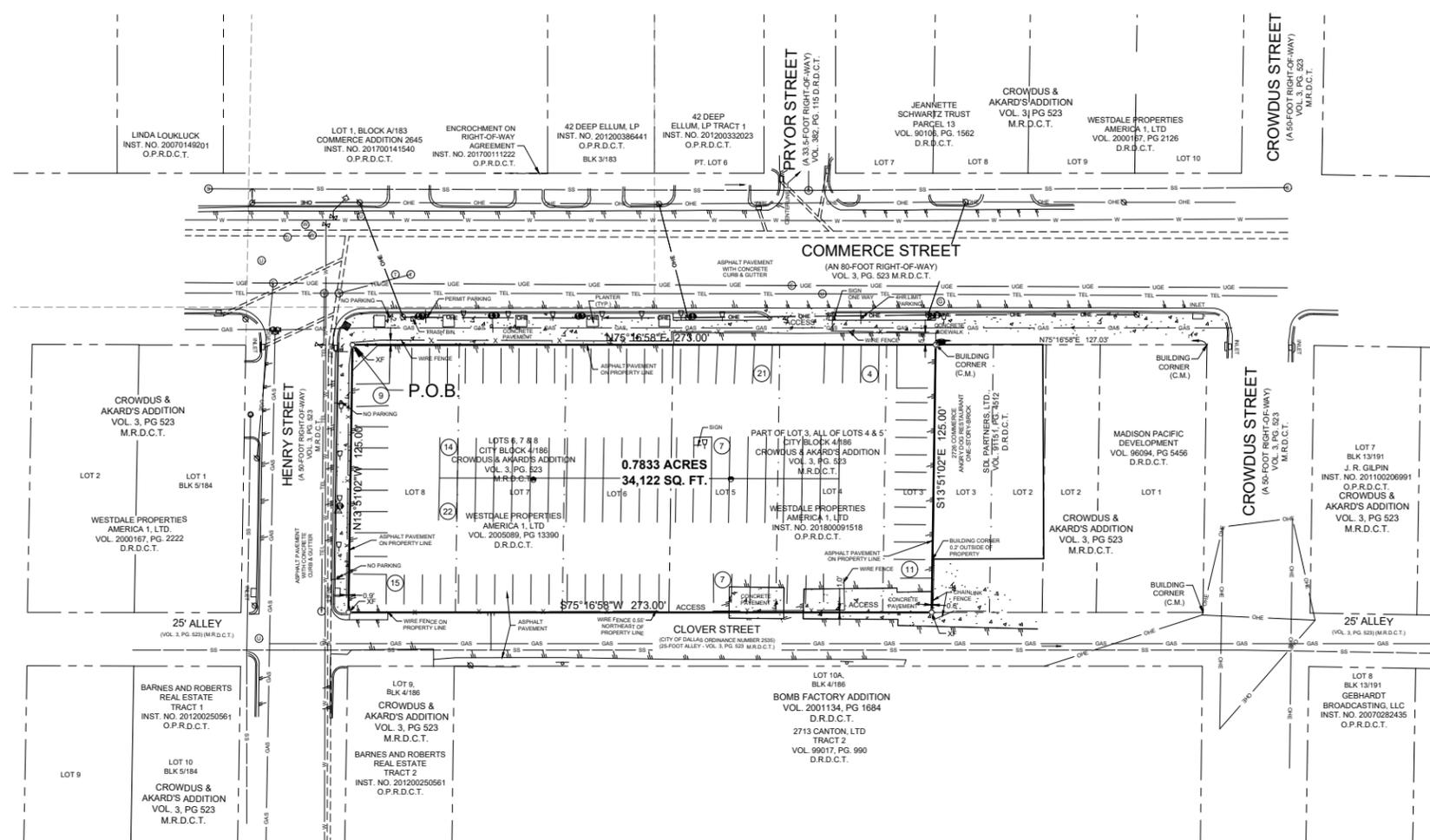




LEGEND	
ROOF DRAIN	MAIL BOX
CABLE TV BOX	NEWS STAND
CABLE TV HANDHOLE	PHONE BOOTH
CABLE TV MANHOLE	SECURITY CAMERA
CABLE TV MARKER FLAG	TRASH BIN
CABLE TV MARKER SIGN	SANITARY SEWER BOX
CABLE TV VALVE	SANITARY SEWER CLEAN OUT
COMMUNICATIONS HANDHOLE	SANITARY SEWER HANDHOLE
COMMUNICATIONS MARKER	SANITARY SEWER LEFT STATION
COMMUNICATIONS MARKER FLAG	SANITARY SEWER METER
COMMUNICATIONS MARKER SIGN	SANITARY SEWER MARKER FLAG
COMMUNICATIONS VALVE	SANITARY SEWER MARKER SIGN
ELEVATION BENCHMARK	SANITARY SEWER SEPTIC TANK
FLOW DIRECTION	SANITARY SEWER VALVE
FIBER OPTIC BOX	STORM SEWER BOX
FIBER OPTIC HANDHOLE	STORM SEWER HANDHOLE
FIBER OPTIC MARKER FLAG	STORM SEWER ORDN.
FIBER OPTIC MARKER SIGN	STORM SEWER MANHOLE
FIBER OPTIC VALVE	STORM SEWER MARKER FLAG
MONITORING WELL	STORM SEWER MARKER SIGN
FUEL TANK	STORM SEWER VALVE
GAS BOX	TRAFFIC BARRIER
GAS MANHOLE	TRAFFIC BOLLARD
GAS MANHOLE FLAG	TRAFFIC BOX
GAS SIGN	CROSS WALK SIGNAL
GAS VALVE	TRAFFIC HANDHOLE
GAS WELL	TRAFFIC MANHOLE
TELEPHONE BOX	TRAFFIC CAMERA
TELEPHONE HANDHOLE	TRAFFIC SIGN
TELEPHONE MARKER FLAG	UNIDENTIFIED HANDHOLE
TELEPHONE MARKER SIGN	UNIDENTIFIED METER
TELEPHONE VALVE	UNIDENTIFIED MARKER
PIPELINE BOX	UNIDENTIFIED MARKER SIGN
PIPELINE HANDHOLE	UNIDENTIFIED POLE
PIPELINE MARKER FLAG	UNIDENTIFIED VALVE
PIPELINE MARKER SIGN	UNIDENTIFIED VALVE
PIPELINE VALVE	WATER BOX
PIPELINE VALVE	FIRE-OFF CONNECTION
FLOOD LIGHT	FIRE HYDRANT
POLE ANCHOR	WATER METER
POLE ANCHOR POLE	WATER VALVE
ELECTRIC MANHOLE	WATER MARKER FLAG
ELECTRIC METER	WATER MARKER SIGN
ELECTRIC MARKER FLAG	WATER TANK
ELECTRIC MARKER SIGN	WATER VALVE
UTILITY POLE	WATER WELL
ELECTRIC TRANSFORMER	WATER WELL WITH CAP SET
ELECTRIC VALVE	WATER WELL WITH CAP SET
HANDICAPPED PARKING	PKN PKN SET
PARKING METER	IRON ROD FOUND
RAILROAD BOX	IRON RAILER SIGN SET
RAILROAD HANDHOLE	"C" CUT IN CONCRETE SET
RAILROAD SIGNAL	"C" CUT IN CONCRETE FOUND
RAILROAD SIGN	P.O.B. POINT OF BEGINNING
RAILROAD VALVE	P.O.C. POINT OF COMMENCING
ROAD SIGN	
MARQUEE/BILLBOARD	
AC LIGHT	
MARKET BALL GOAL	
BORE LOCATION	
ROAD POLE	
ROAD POST	
GRAVE TAMP	
IRIGATION VALVE	

LINE TYPE LEGEND	
BOUNDARY LINE	BOUNDARY LINE
EASEMENT LINE	EASEMENT LINE
BUILDING LINE	BUILDING LINE
WATERLINE	WATERLINE
SANITARY SEWER LINE	SANITARY SEWER LINE
STORM SEWER LINE	STORM SEWER LINE
UNDERGROUND GAS LINE	UNDERGROUND GAS LINE
OVERHEAD UTILITY LINE	OVERHEAD UTILITY LINE
UNDERGROUND ELECTRIC LINE	UNDERGROUND ELECTRIC LINE
UNDERGROUND TELEPHONE LINE	UNDERGROUND TELEPHONE LINE
FENCE	FENCE
CONCRETE PAVEMENT	CONCRETE PAVEMENT
ASPHALT PAVEMENT	ASPHALT PAVEMENT

PARKING TABLE	
TYPE	NUMBER
REGULAR	110 SPACES
HANDICAPPED	0 SPACES
TOTAL	110 SPACES



**LEGAL DESCRIPTION**

BEING a tract of land situated in the John Grisby Survey, Abstract No. 495, City of Dallas Block 4/186, Dallas County, Texas and being all of Lots 4-8 and part of Lot 3 of Block 4/186, of Crowdus & Akard's Addition, an addition to the City of Dallas, Texas, according to the plat thereof recorded in Volume 3, Page 523, Map Records, Dallas County, Texas, and being all of a tract of land described in Special Warranty Deed to Westdale Properties America 1, LTD., recorded in Volume 2005089, Page 13390, Deed Records, Dallas County, Texas, and all of a called 0.353 acre tract of land described in Special Warranty Deed to Westdale Properties America 1, LTD., recorded in Instrument No. 201900091518, Official Public Records, Dallas County, Texas, and being more particularly described as follows:

BEGINNING at an "X" cut in concrete found at the intersection of the southeast right-of-way line of Commerce Street (an 80-foot right-of-way) with the northeast right-of-way line of Henry Street (a 50-foot right-of-way);

THENCE with said southeast right-of-way line of Commerce Street, North 75°16'58" East, a distance of 273.00 feet to a Building Corner found at the north corner of said 0.353 acre tract, and being the west corner of a tract of land described in Warranty Deed to SDL Partners, LTD., recorded in Volume 91151, Page 4512, Deed Records, Dallas County, Texas;

THENCE leaving said southeast right-of-way line of Commerce Street and with the northeast line of said 0.353 acre tract and the southwest line of said SDL Partners, LTD tract, South 13°51'02" East, a distance of 125.00 feet to an "X" cut in concrete found in the northwest right-of-way line of a 25-foot alley as shown on said plat of Crowdus & Akard's Addition, and being named Clover Street authorized in City of Dallas Ordinance 2532 and being the east corner of said 0.353 acre tract and south corner of said SDL Partners, LTD tract;

THENCE with the northwest line of said Clover Street, South 75°16'58" West, a distance of 273.00 feet to an "X" cut in concrete found at the intersection of said southeast right-of-way line of Clover Street with said northeast right-of-way line of Henry Street;

THENCE with said northeast right-of-way line of Henry Street, North 13°51'02" West, a distance of 125.00 feet to the POINT OF BEGINNING and containing 34,122 square feet or 0.7833 acres of land.

Bearing system based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983. (2011)

**NOTES ADDRESSING SCHEDULE B EXCEPTIONS:**

(Pursuant to Commitment for Title Insurance, provided by Old Republic Title Insurance Company, GF No. 1805367TX, effective date January 6, 2019, issue date January 17, 2019.)

1. The surveyed property is all of the land described in the Restrictive Covenants recorded in Instrument No. 201700183055, Official Public Records of Dallas County, Texas.

10f. The surveyed property is a portion of the land described in Remote Parking Agreement recorded in Volume 94198, Page 1856, Deed Records of Dallas County, Texas.

10g. The surveyed property is a portion of the land described in Remote Parking Agreement recorded in Instrument No. 201000297025, Official Public Records of Dallas County, Texas.

10h. The surveyed property is all of the land described in Voluntary Cleanup Program Final Certificate Completion recorded in Instrument No. 2018000164553, Official Public Records of Dallas County, Texas.

**NOTES:**

There are no buildings observed on the surveyed property.

The surveyed property does not appear to be in use as a dump, sump or sanitary landfill.

No visible evidence of current earth moving work, building construction or building additions were observed at the time of survey.

Underground utilities shown hereon are from record drawings obtained from the City of Dallas and the engineer of record and the surveyor cannot guarantee the locations of said utilities, except those that are observed on the surface at the time of this survey.

A locate request was made with Texas811 to locate underground utilities along the roadways adjacent to the surveyed property under ticket number 1951732849. Visible markings were found at the time of survey. The surveyor cannot guarantee that all underground utilities were marked or the accuracy of the markings.

**FLOOD STATEMENT:**

According to Map No. 48113C0345J, dated August 23, 2001 of the National Flood Insurance Program Map, Flood Insurance Rate Map of Dallas County, Texas, Federal Emergency Management Agency, Federal Insurance Administration, this property is not within a special flood hazard area. If this site is not within an identified special flood hazard area, this flood statement does not imply that the property and/or the structures thereon will be free from flooding or flood damage. On rare occasions, greater floods can and will occur and flood heights may be increased by man-made or natural causes. This flood statement shall not create liability on the part of the surveyor.

**SURVEYORS CERTIFICATION:**

To: Westdale Properties America 1, LTD., a Texas limited partnership; Old Republic National Title Insurance Company;

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1,3,4,8,9,11,13 and 16 of Table A thereof. The field work was completed on January 22, 2018.

Survey Date: January 23, 2019

J. Andy Dobbs  
Registered Professional Land Surveyor No. 6196  
Kimley-Horn and Associates, Inc.  
13455 Noel Road  
Two Galleria Office Tower, Suite 700  
Dallas, Texas 75240  
Ph. 972-770-1300  
andy.dobbs@kimley-horn.com

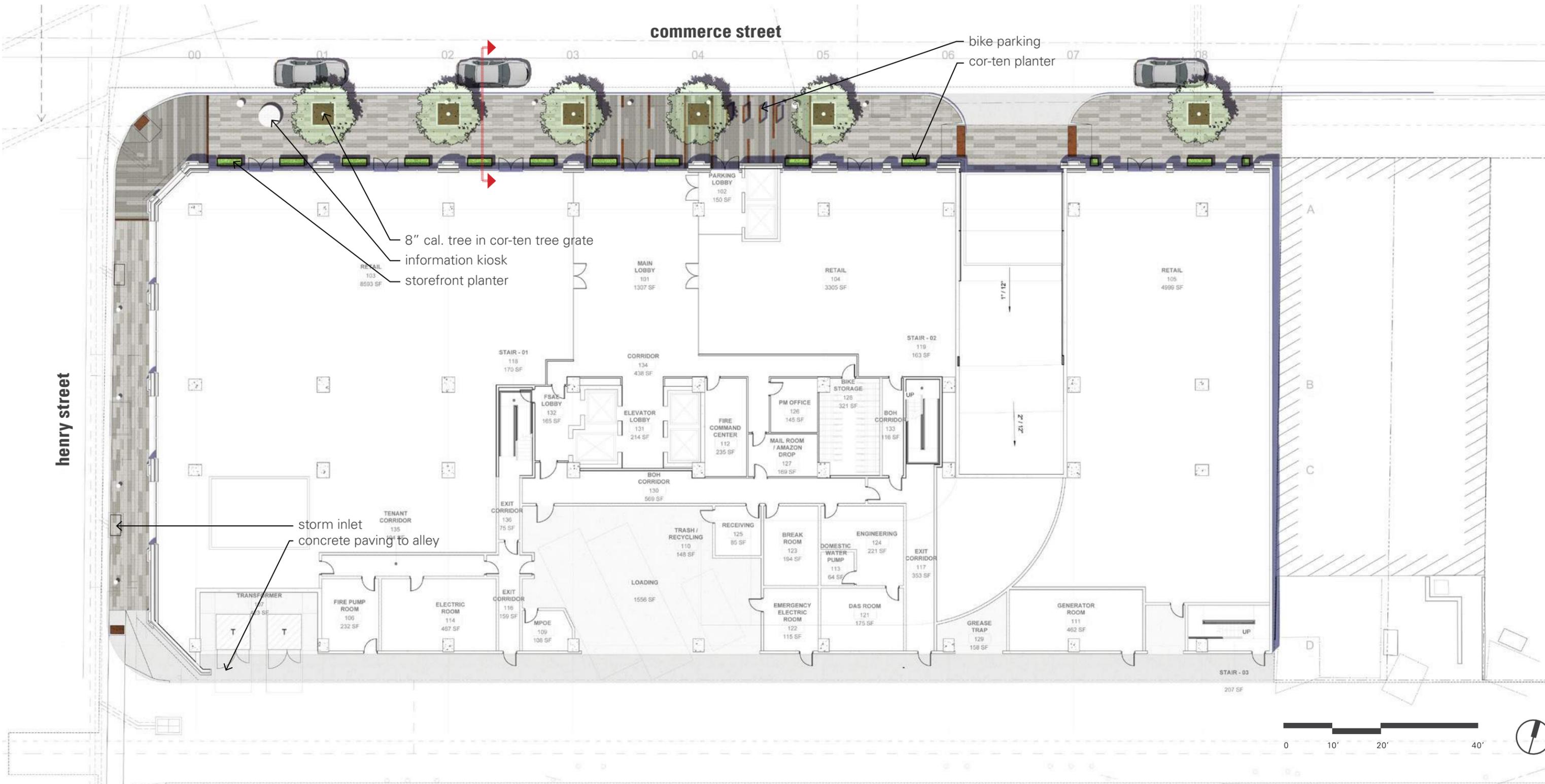
**PRELIMINARY**  
THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

ALTA/NSPS LAND TITLE SURVEY  
0.7833 ACRES  
PART OF LOT 3 & ALL OF LOTS 4-8  
CITY BLOCK 4/186  
CROWDUS & AKARD'S ADDITION  
JOHN GRISBY SURVEY, ABSTRACT NO. 495  
CITY OF DALLAS, DALLAS COUNTY, TEXAS

**Kimley»Horn**  
13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240 FIRM # 10115500 Tel. No. (972) 770-1300 Fax No. (972) 239-3620  
Scale 1" = 30' Drawn by L.J.G. Checked by JAD Date JAN 2019 Project No. 069318587 Sheet No. 1 OF 1

CROWDUS & AKARD'S ADDITION AND HENRY STREET (A 50-FOOT RIGHT-OF-WAY) AS SHOWN ON PLAT RECORDED IN VOLUME 3, PAGE 523, MAP RECORDS, DALLAS COUNTY, TEXAS. DATE: 12/20/18 9:44 AM





henry street

commerce street

bike parking  
cor-ten planter

8" cal. tree in cor-ten tree grate  
information kiosk  
storefront planter

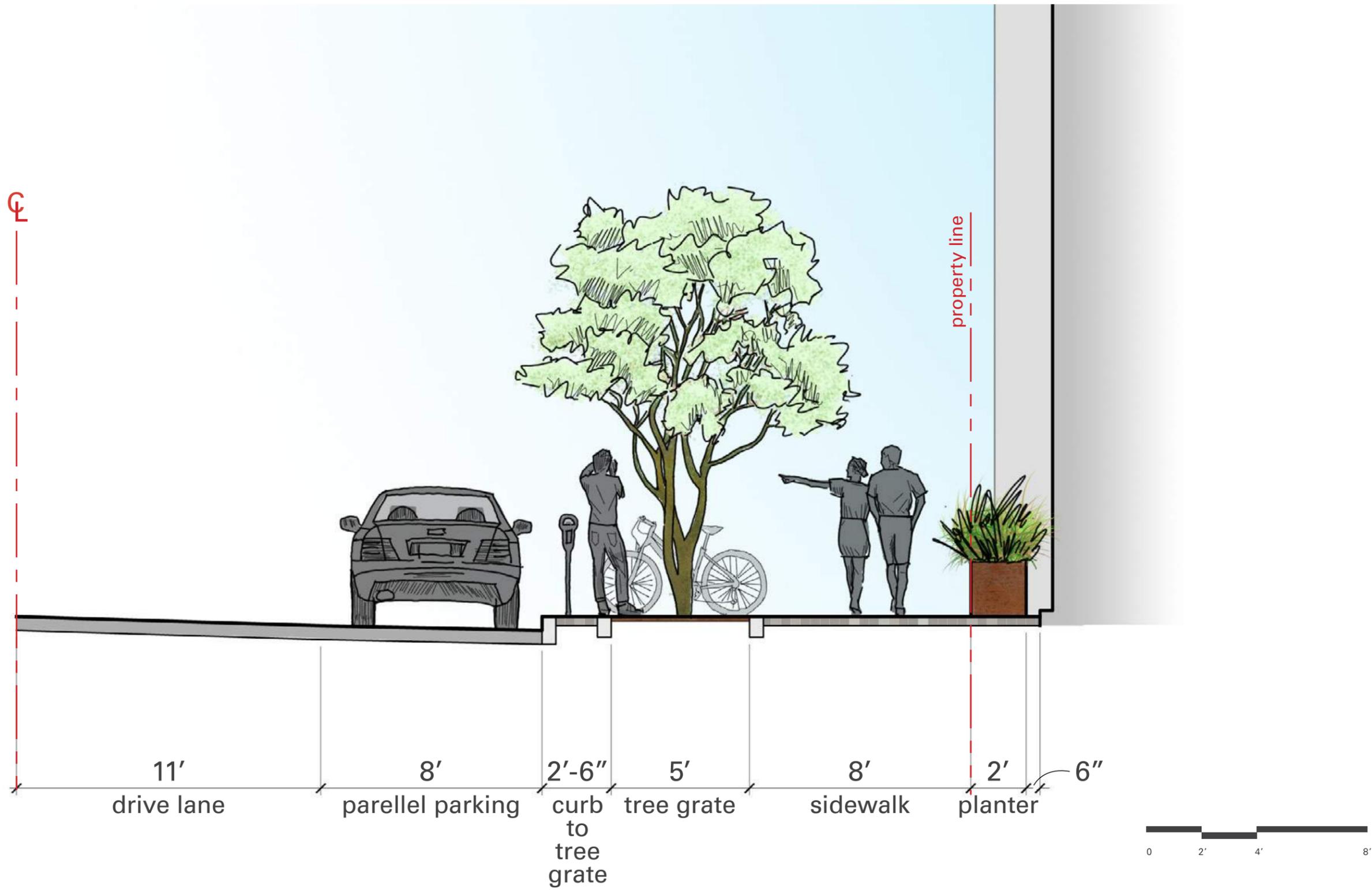
storm inlet  
concrete paving to alley



TBG

LANDSCAPE PLAN





TBG



elm street



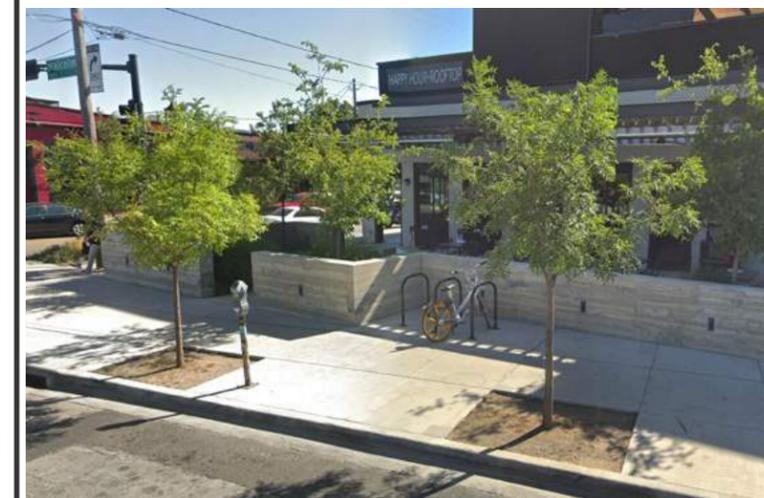
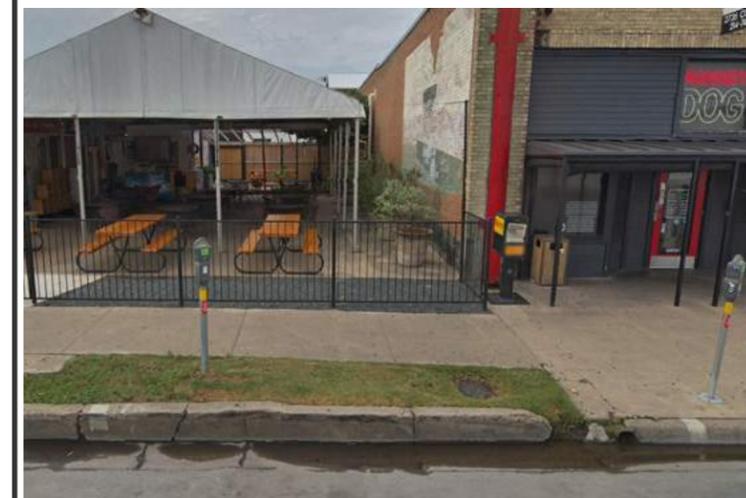
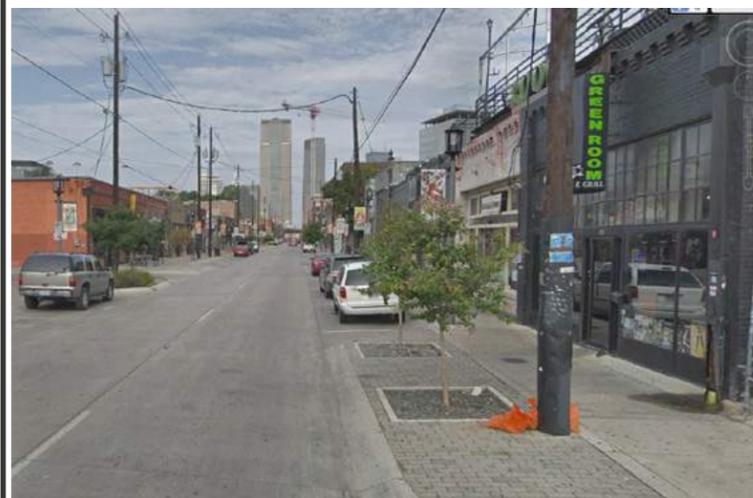
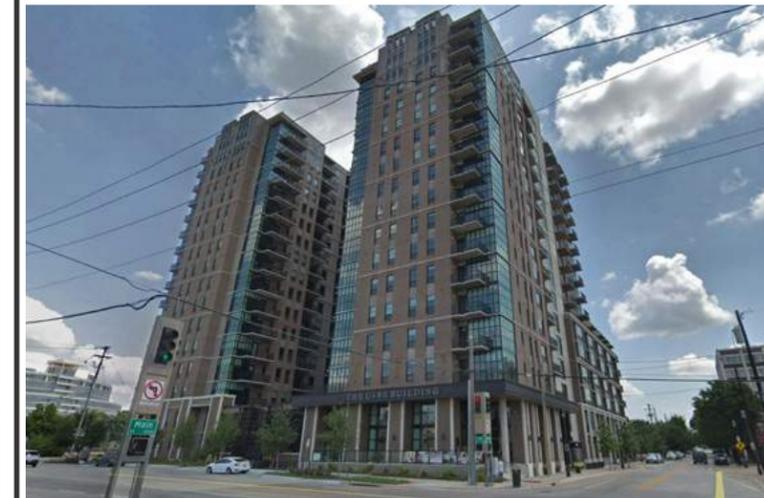
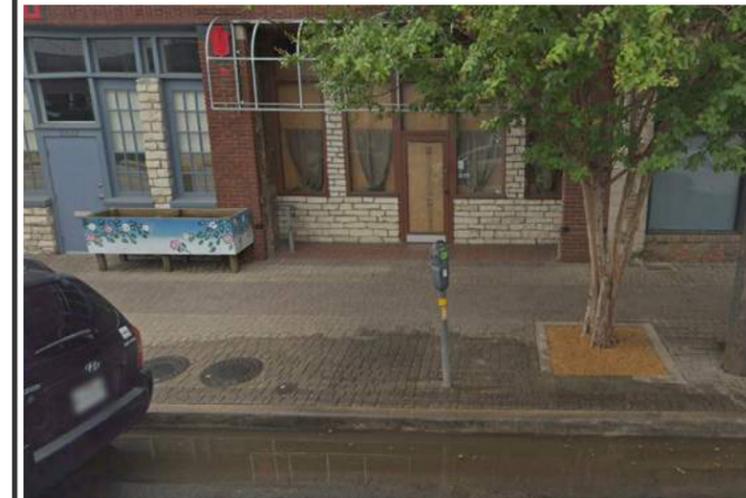
main street



commerce street



new developments



TBG



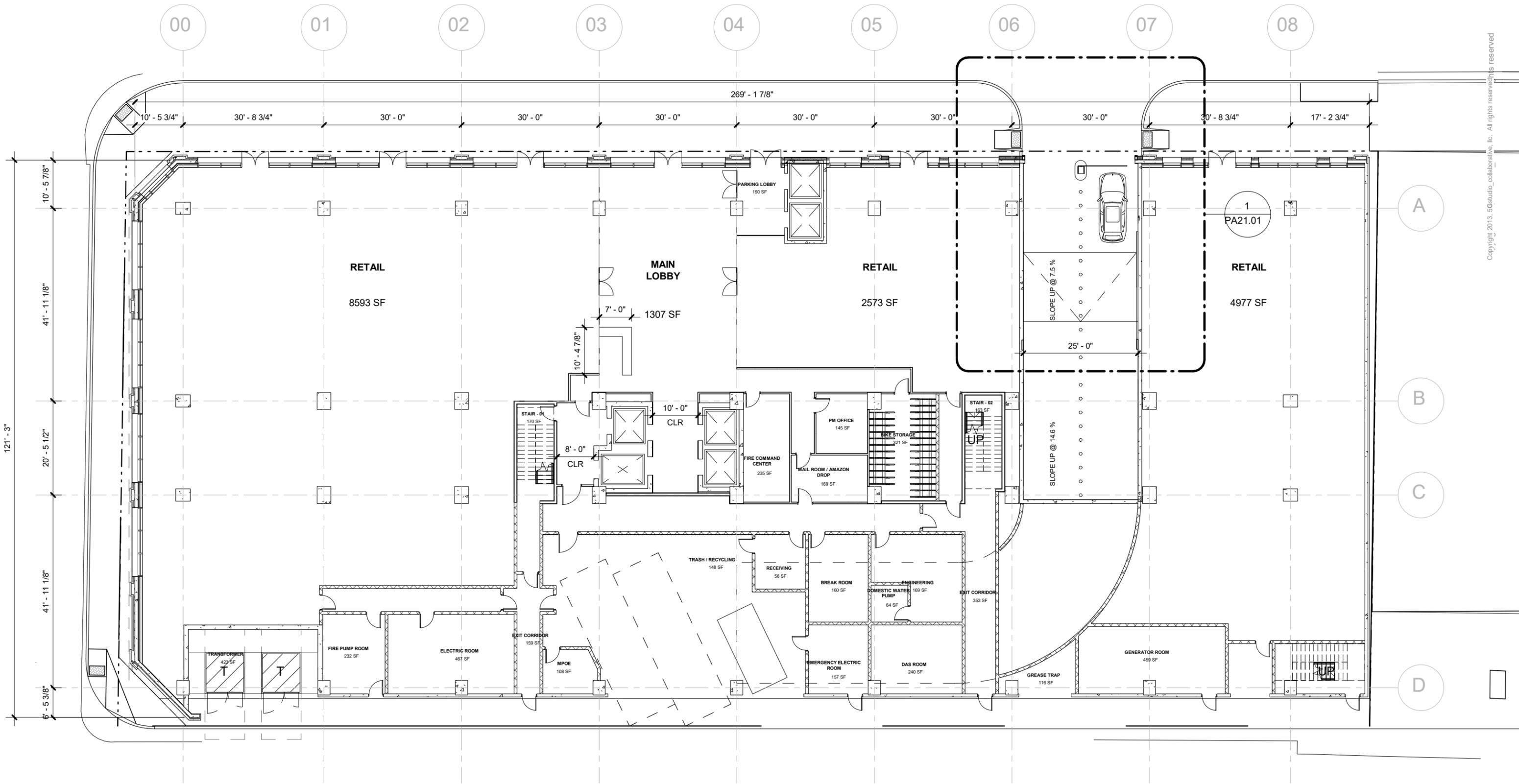


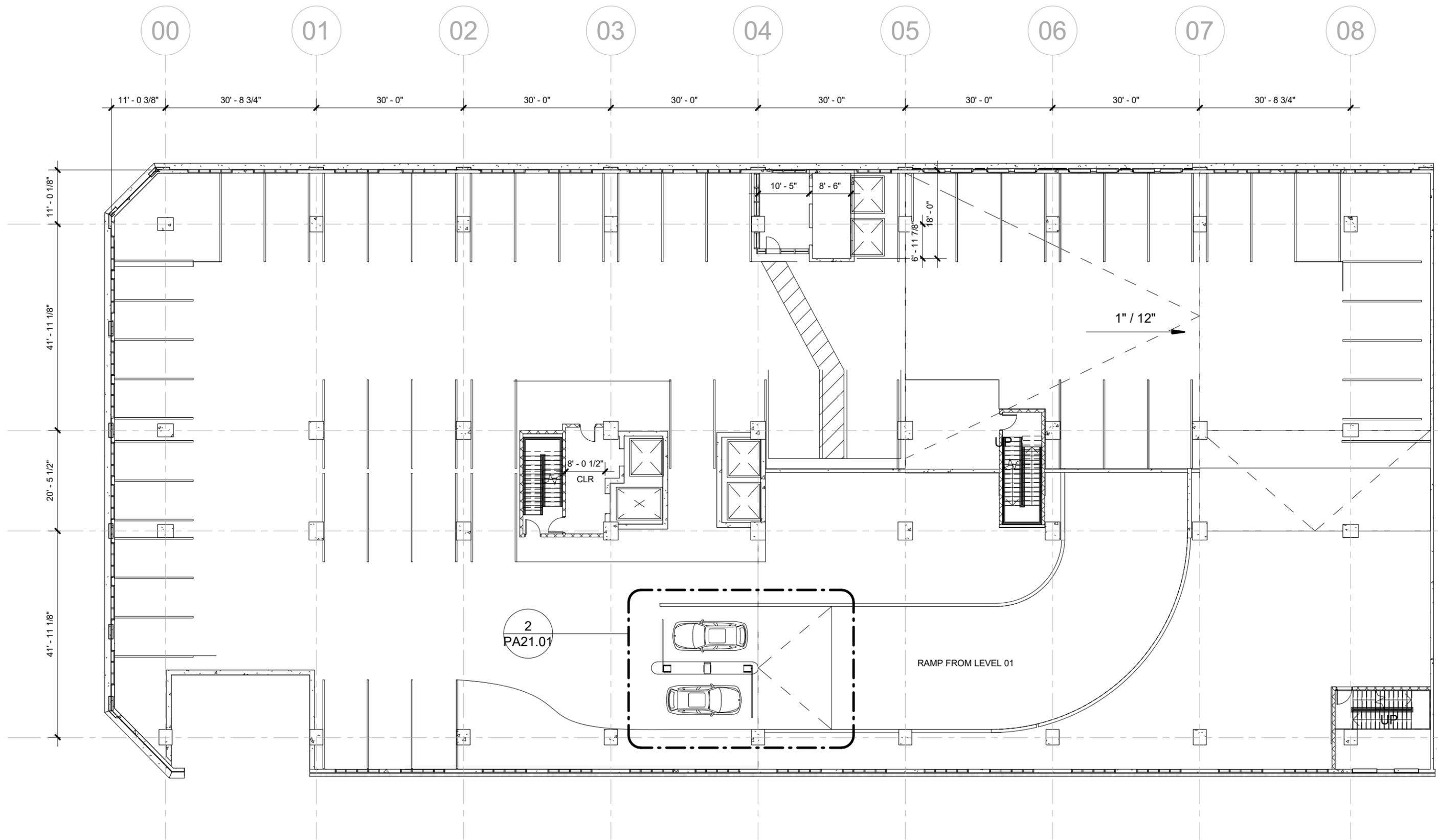


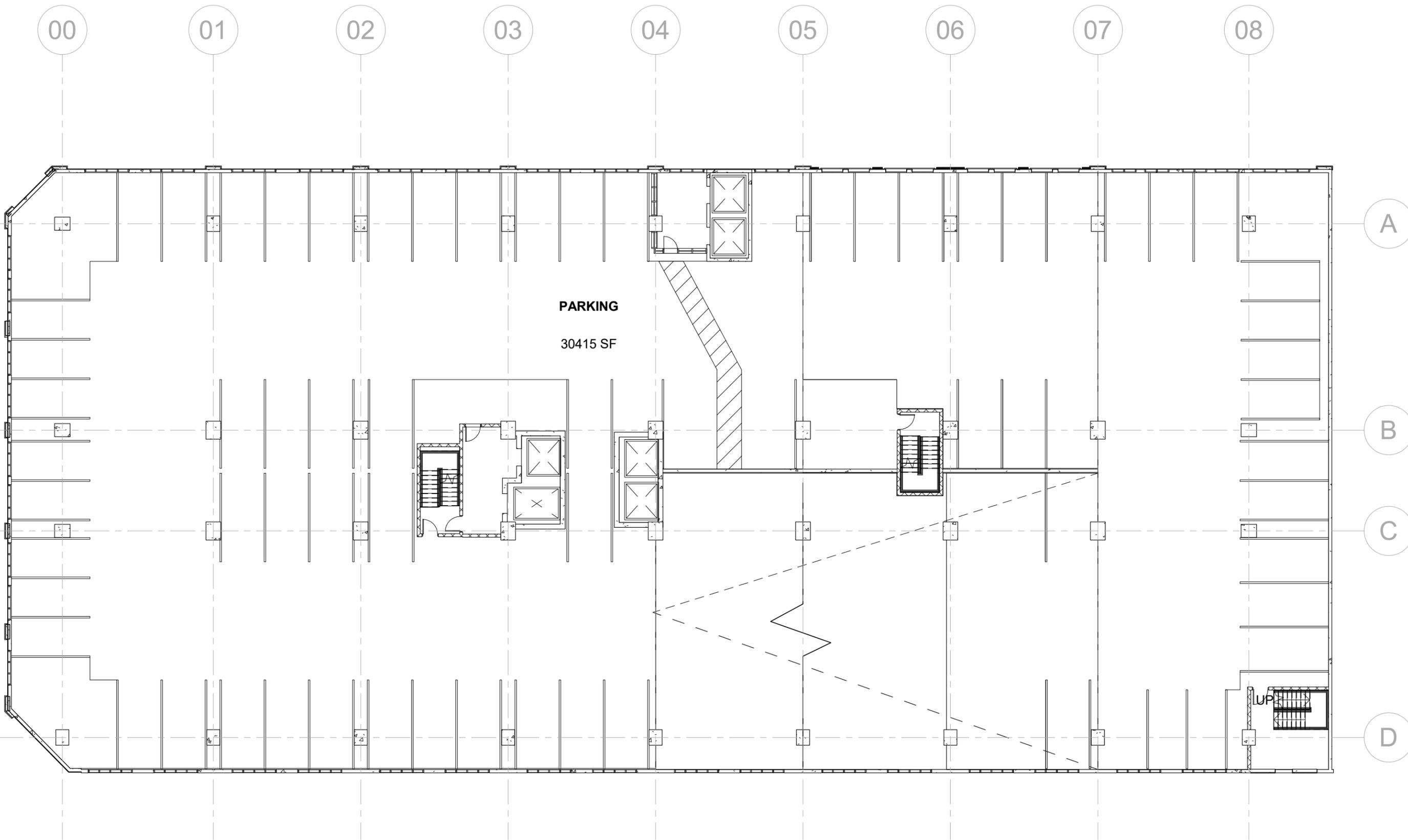


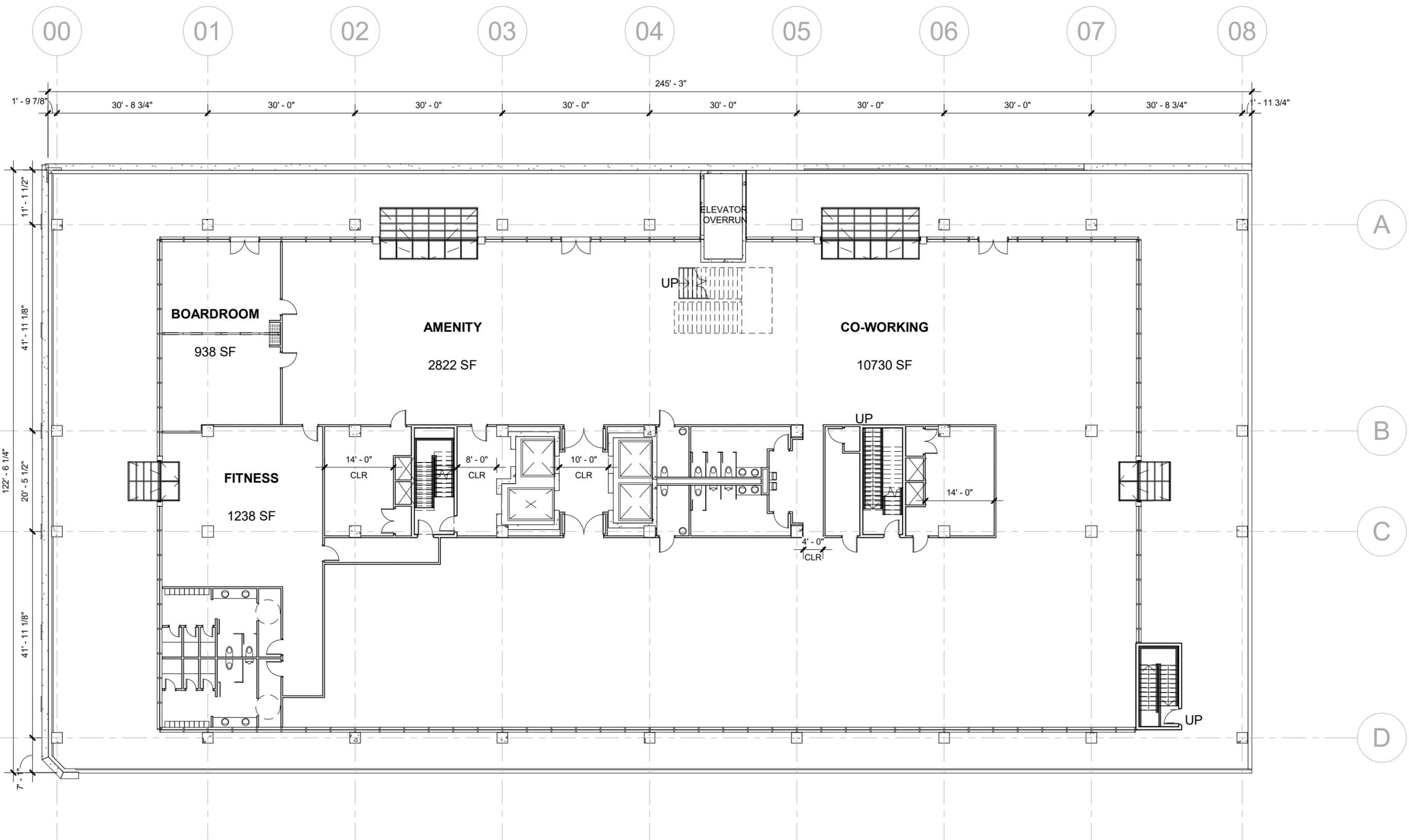






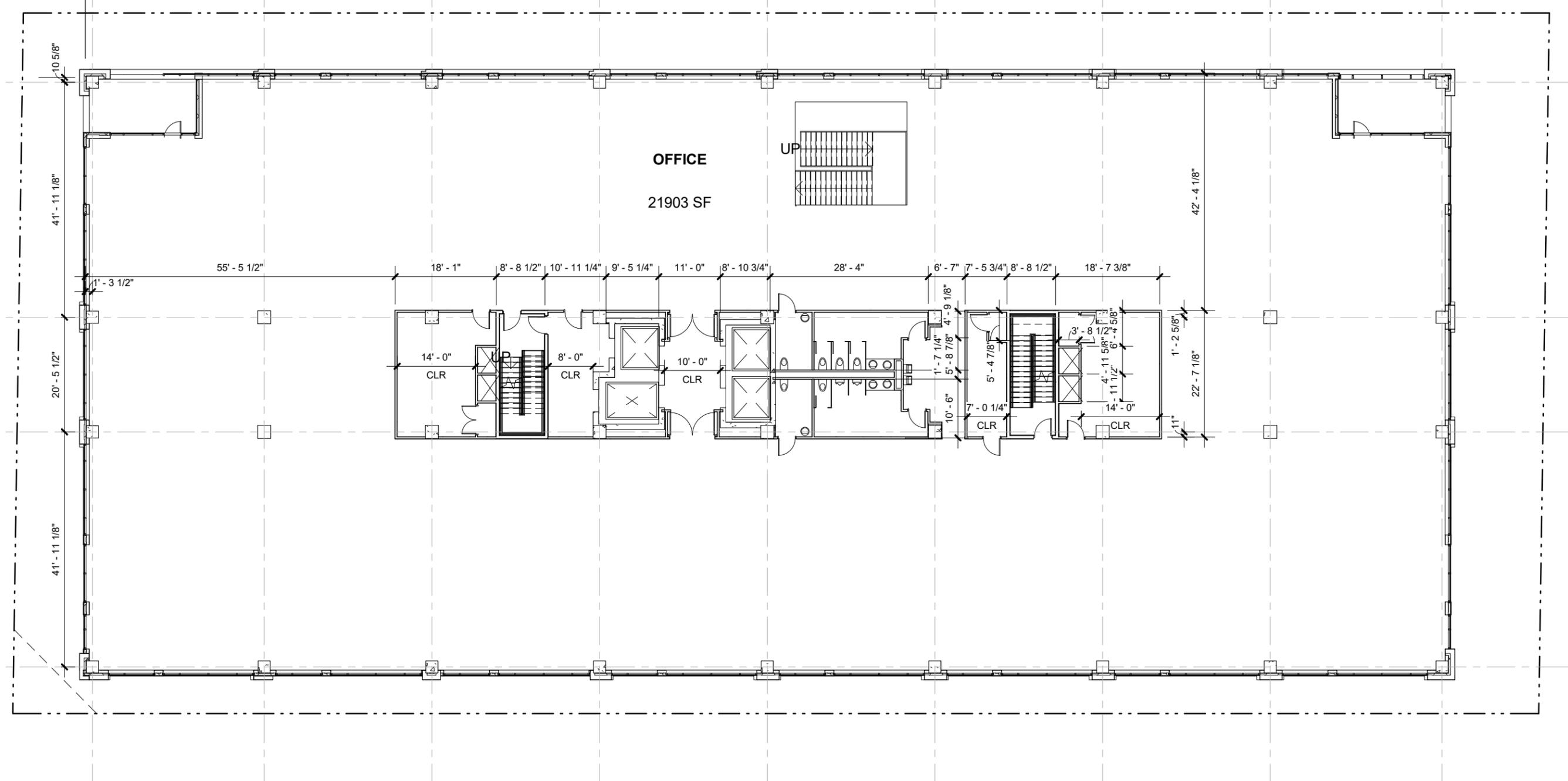




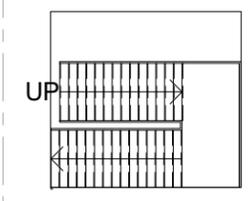


00 01 02 03 04 05 06 07 08

1'-3 1/2" 30'-8 3/4" 30'-0" 30'-0" 30'-0" 30'-0" 30'-0" 30'-0" 30'-8 3/4"



OFFICE  
21903 SF



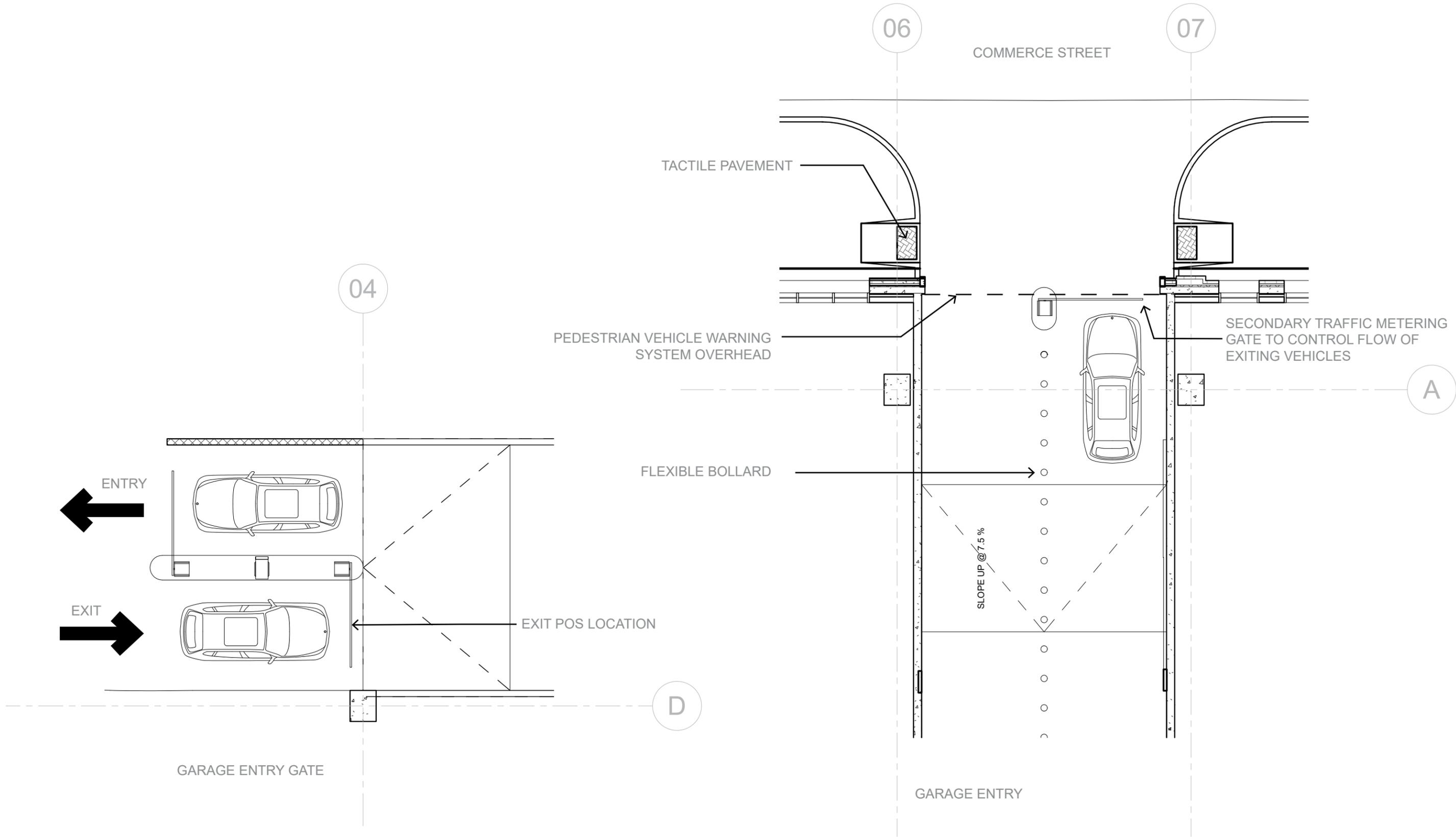
A

B

C

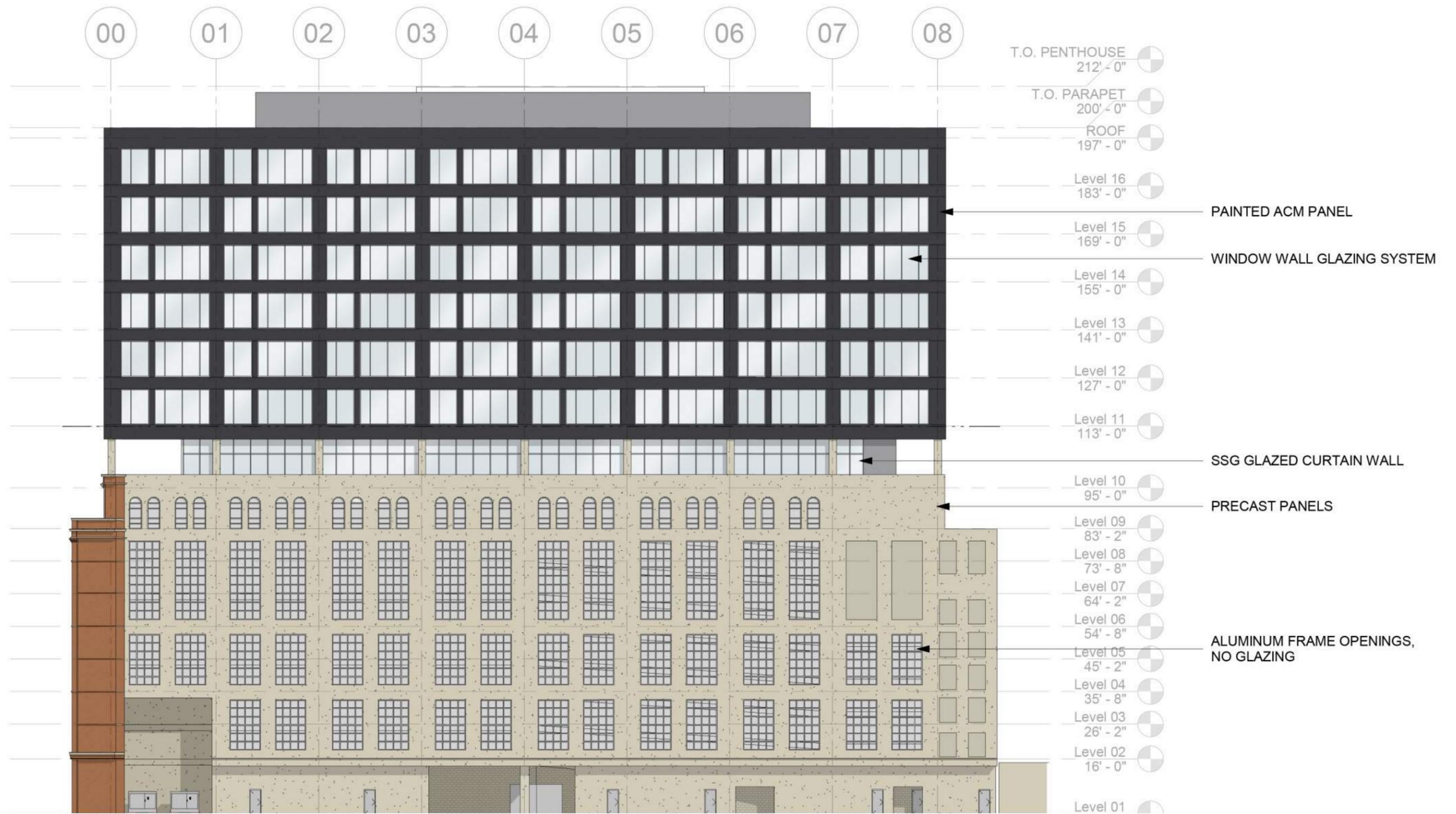
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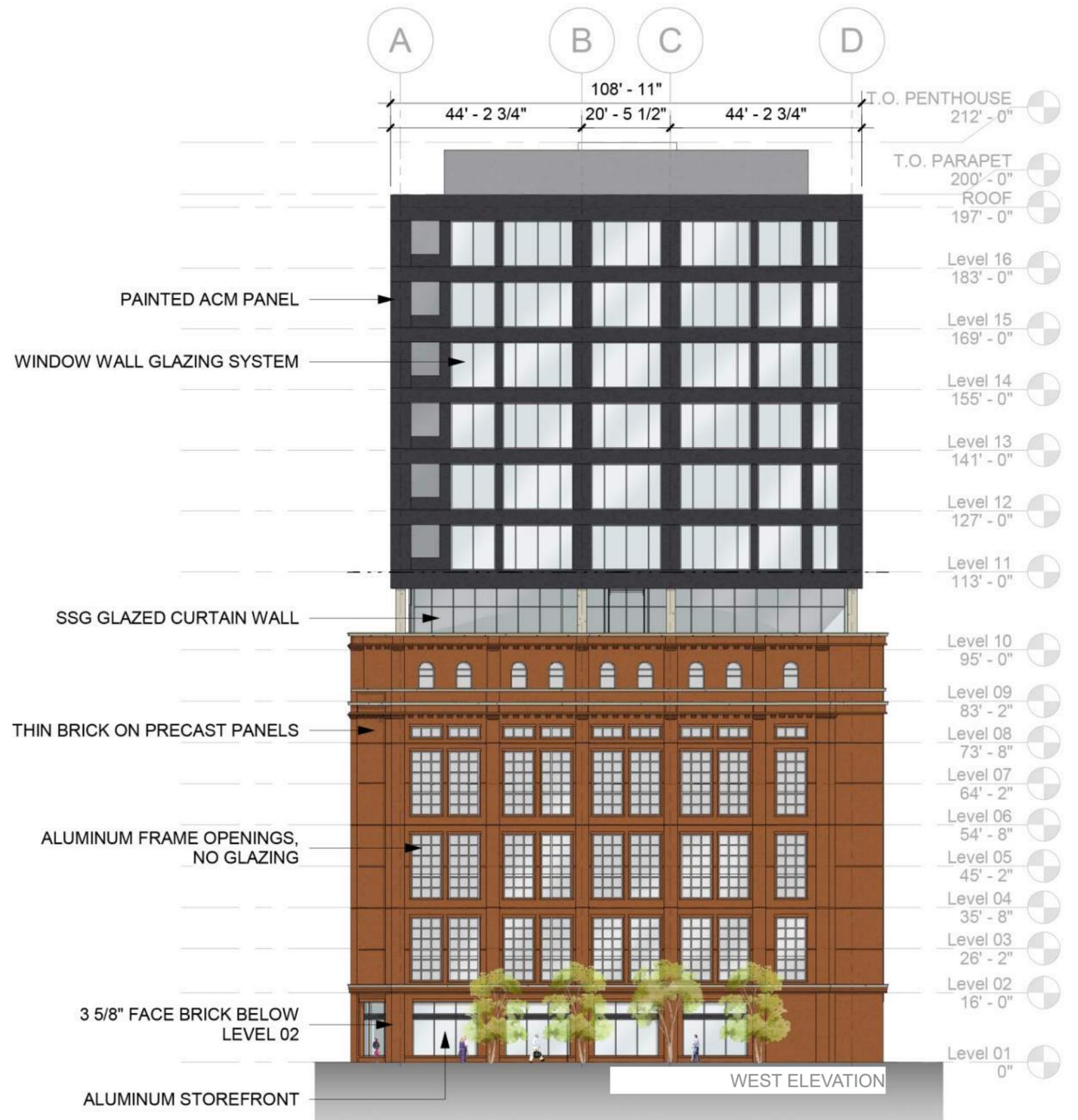


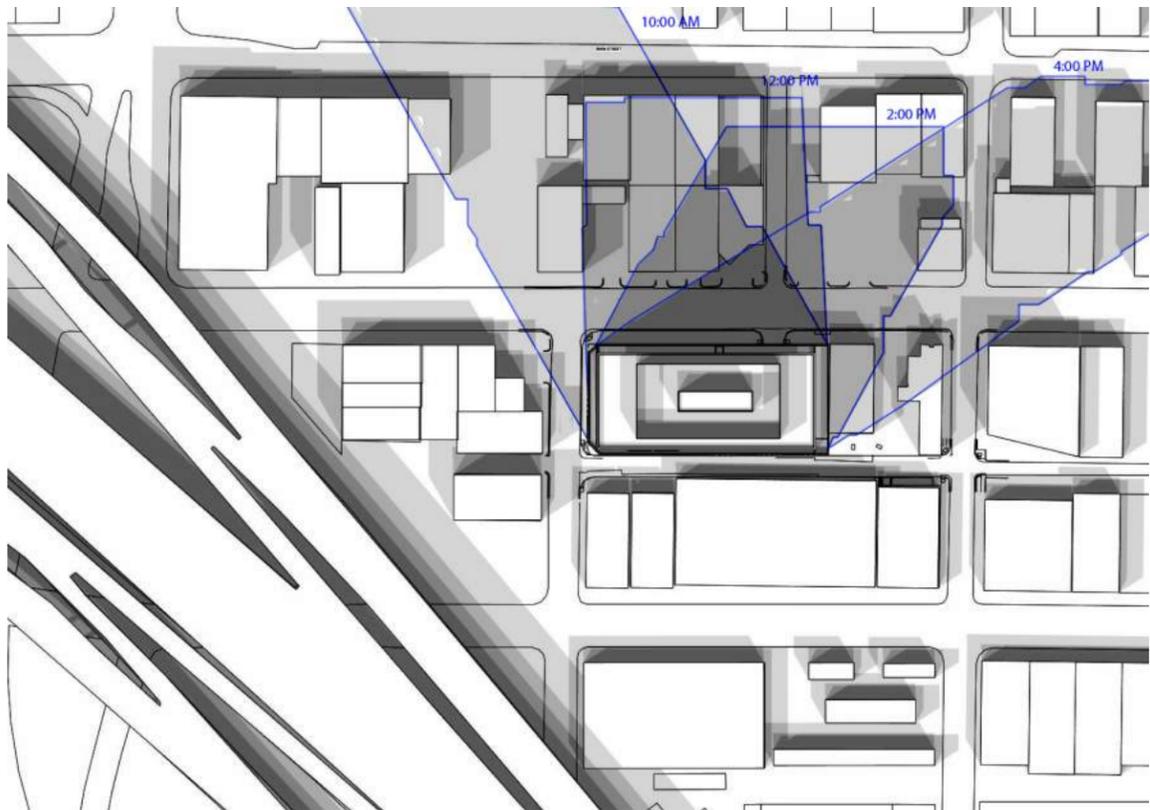




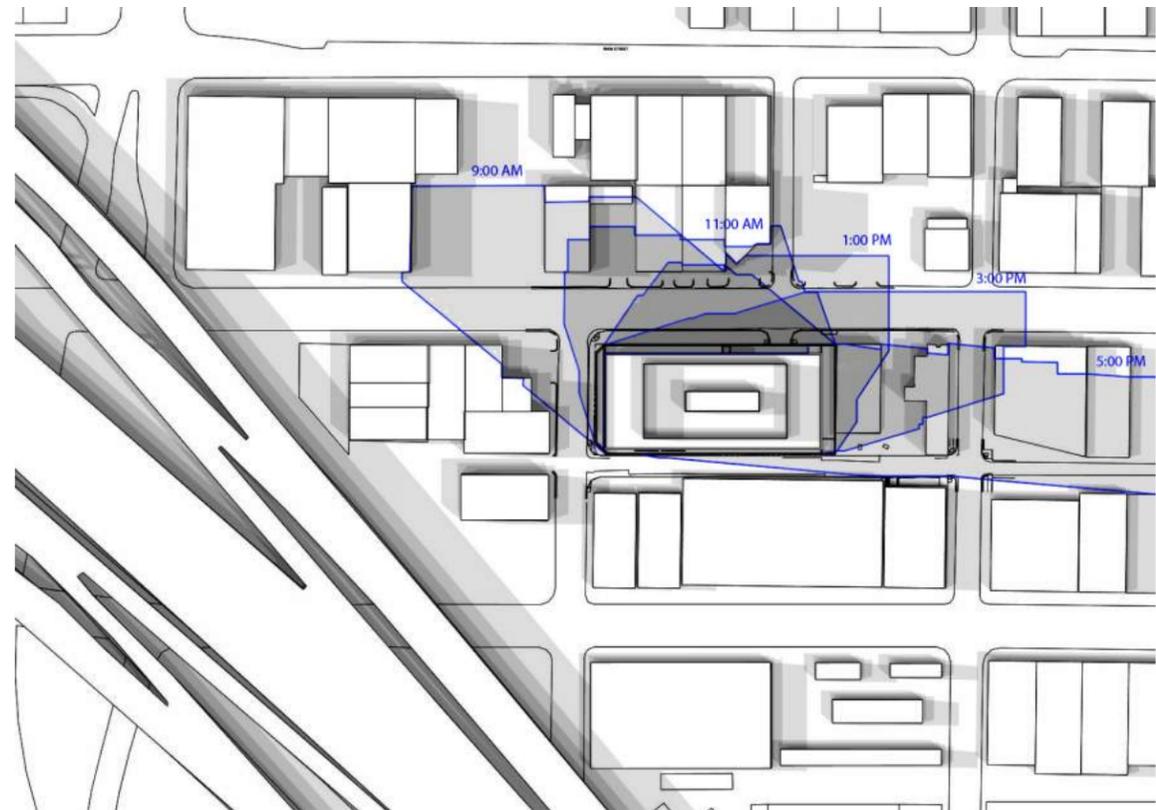
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WINTER SOLSTICE, DECEMBER 21



SPRING / FALL EQUINOX, MARCH / SEPTEMBER 21



SUMMER SOLSTICE, JUNE 21

Single-day cumulative shadow study. Three panels showing shadows cast by the building at selected time for a day on the (A) winter solstice, (B) fall /spring equinox, and (C) summer solstice. The building's shadows are outlined in blue for emphasis from the surrounding context. The shadow study was performed at a true north orientation and the drawings are rotated plan north.



## HWA Parking Study of Deep Ellum for Hines Interests Summary + Results

**Executive Summary:** While events are active within the Core of Deep Ellum, there are significant parking deficits that can be accommodated within a new parking facility. When the event uses are not active, there are still considerable weekday parking deficits, and nominal parking deficits during the evenings and weekends. The forecasted parking deficits can potentially be accommodated within the planned Hines development.

**Methodology:** Hines contracted HWA, a leading parking consultant trusted by the real estate community, to perform a ULI-based supply demand parking study for Deep Ellum in the early site programming phase of the proposed project. Although Hines had heard of a potential parking shortage in Deep Ellum from numerous sources in over the past 18 months, the project team needed hard data to help drive the parking garage space count of the proposed project. HWA's study calculated theoretical parking demands in the area for the mix of uses and correlate them to existing parking supplies for the purpose of identifying any potential parking deficits that could be accommodated in Hines' proposed development project.

HWA's analysis was based on methodologies established in the Urban Land Institute's 2005 Shared Parking study. As published in the ULI's report, "...combinations of land uses require less parking than the same land uses in freestanding locations". Shared parking analysis adjusts typical free-standing parking generation rates (expressed as the number of spaces required per unit of land use) for four factors that influence accumulation patterns:

- **Drive Ratio** factors - adjust parking requirements to reflect various modes of transportation to/from the site. Also referred to as a drive ratio, a factor of 95% indicates 95 of 100 trips to the site occurred in a vehicle that will park on site.
- **Captive Market** factors - adjust gross parking requirements to recognize that patrons are frequently parked for more than one land use, and do not require a space. (i.e. the office worker who is going to lunch down stairs does not simultaneously require a space at his office and restaurant).
- **Seasonal** factors - adjust generation rates to reflect seasonal variation in land uses, and therefore parking patterns (i.e. retail patronage does not peak in the summer time, but movie attendance does).
- **Hourly** factors - adjust parking rates to reflect accumulation patterns throughout the day to recognize that land uses do not simultaneously generate demand for parking at the same time (i.e. hotel parking requirements peak at night when offices need very few, if any, spaces).

Shared parking methodology multiplies free-standing generation rates by the previous adjustment factors to identify the number of spaces required at each hour of the day, for each month of the year on weekdays and weekends. The building areas for each use and the parking supply information, were sourced via CoStar and aerial maps, and were ultimately field verified by HWA on 3/13/2018. As shown in the attached maps, the study evaluated parking both within a "Core Area" and a "Broader Area." The planned development site is located within the Core Area boundary. The majority of available parking within the Broader Area is more than three blocks (+/-1,500 feet) away from the project site. HWA concluded that while the analysis of the Broader Area serves to provide a good benchmark, it was more appropriate to focus on the analysis of the Core Area. The results of the study are summarized on the next page.

### Results:

#### WITHOUT Hines project

##### All of Deep Ellum w/ Event Uses Active

- Deficit of 2,629 spaces during peak weekday demand
- Deficit of 417 spaces during peak weekend demand

##### All of Deep Ellum w/out Event Uses Active

- Deficit of 1,975 spaces during peak weekday demand
- Surplus of 296 spaces during peak weekend demand

##### Core of Deep Ellum w/ Event Uses Active

- Deficit of 1,236 spaces during peak weekday demand
- Deficit of 1,205 spaces during peak weekend demand

##### Core of Deep Ellum w/out Event Uses Active

- Deficit of 723 spaces during peak weekday demand
- Deficit of 232 spaces during peak weekend demand

#### WITH Hines project

##### All of Deep Ellum w/ Event Uses Active

- Deficit of 2,696 spaces during peak weekday demand
- Deficit of 205 spaces during peak weekend demand

##### All of Deep Ellum w/out Event Uses Active

- Deficit of 2,064 spaces during peak weekday demand
- Surplus of 508 spaces during peak weekend demand

##### Core of Deep Ellum w/ Event Uses Active

- Deficit of 1,291 spaces during peak weekday demand
- Deficit of 907 spaces during peak weekend demand

##### Core of Deep Ellum w/out Event Uses Active

- Deficit of 779 spaces during peak weekday demand
- Surplus of 2 spaces during peak weekend demand

