

APPLICATION FOR
URBAN DESIGN COMMISSION
REVIEW AND APPROVAL

AGENDA ITEM # _____
Project # _____
Legistar # 05835

DATE SUBMITTED: 9/18/2013

Action Requested

Informational Presentation

UDC MEETING DATE: 9/25/2013

Initial Approval and/or Recommendation

Final Approval and/or Recommendation

PLEASE PRINT!

PROJECT ADDRESS: 4000 INTERNATIONAL LANE

ALDERMANIC DISTRICT: 12

OWNER/DEVELOPER (Partners and/or Principals) ARCHITECT/DESIGNER/OR AGENT:

DANE COUNTY REGIONAL AIRPORT

EPPSTEIN UHEN ARCHITECTS

MIKE KIRCHNER

CONTACT PERSON: JONATHAN PARKER

Address: 222 WEST WASHINGTON AVE
MADISON, WI 53703

Phone: 608-442-6681

Fax: 608-442-6680

E-mail address: Jonathanp@eva.com

PLEASE PRINT!

TYPE OF PROJECT:

(See Section A for:)

Planned Unit Development (PUD)

General Development Plan (GDP)

Specific Implementation Plan (SIP)

Planned Community Development (PCD)

General Development Plan (GDP)

Specific Implementation Plan (SIP)

Planned Residential Development (PRD)

New Construction or Exterior Remodeling in an Urban Design District * (A public hearing is required as well as a fee)

School, Public Building or Space (Fee may be required)

New Construction or Addition to or Remodeling of a Retail, Hotel or Motel Building Exceeding 40,000 Sq. Ft.

Planned Commercial Site

(See Section B for:)

New Construction or Exterior Remodeling in C4 District (Fee required)

(See Section C for:)

R.P.S.M. Parking Variance (Fee required)

(See Section D for:)

Comprehensive Design Review* (Fee required)

Street Graphics Variance* (Fee required)

Other _____

CITY OF MADISON

11:20 A.M.

SEP 18 2013

Planning & Community
& Economic Development

*Public Hearing Required (Submission Deadline 3 Weeks in Advance of Meeting Date)

Where fees are required (as noted above) they apply with the first submittal for either initial or final approval of a project.



Al Martin,

City of Madison Development Services Center

215 Martin Luther King Jr. Blvd., Suite LL 100

Madison, WI 53703

9-18-13

RE: UDC Review Application for the Dane County Regional Airport Parking Structure Vertical Expansion

Dear Mr. Martin,

Presented for Initial and Final Approval, the Dane County Regional Airport Parking Structure Vertical Expansion project consists of a three level expansion of the existing Parking Ramp that was constructed in 2007. This three level expansion was contemplated, discussed, explained, and planned for during the planning and approval process in 2007. The Airport is continuing to see very high demand for parking in all areas, and feels that expanding the structured parking provides the best convenience for its customers while not increasing the amount of impervious area at the site. The western half of the existing parking structure complex that was built in 2007 was designed structurally to accommodate a vertical expansion. The oldest, eastern half of the parking structure complex is not capable of accommodating any vertical expansion.

The design intent is to match the aesthetics of the 2007 Parking Structure Expansion project. Existing brick clad precast elements at "fins", stairs, and snow chutes will be re-used where practical and replicated where needed. Brick, glass, aluminum framing, roof trellis elements, and precast concrete at new elements on the south, west and north faces will match existing in color and form. The two stories of the new addition that will now be exposed to the east have simple columns and spandrels made of precast concrete finished to match existing, and an elevator and stair tower clad in brick and glass in a simplified form that reflect their secondary importance and low visibility. There will not be any site changes as part of this project. There will not be any exterior signage changes as part of this project. Rooftop pole mounted lighting will be changed to low energy use LED cut off type fixture compliant with City regulations.

333 E. Chicago St.
Milwaukee, WI 53202

414 271 5350 : main
414 271 7794 : fax

222 W. Washington Ave.
Suite 650
Madison, WI 53703

608 442 5350 : main

Name

Date

Page 2 of 2

Per our pre-submittal discussion, it is our hope that this expansion can be reviewed at the Planning Staff level and recommended for approval via consent agenda. Please let me know if you have any question about this submittal.

Thanks,

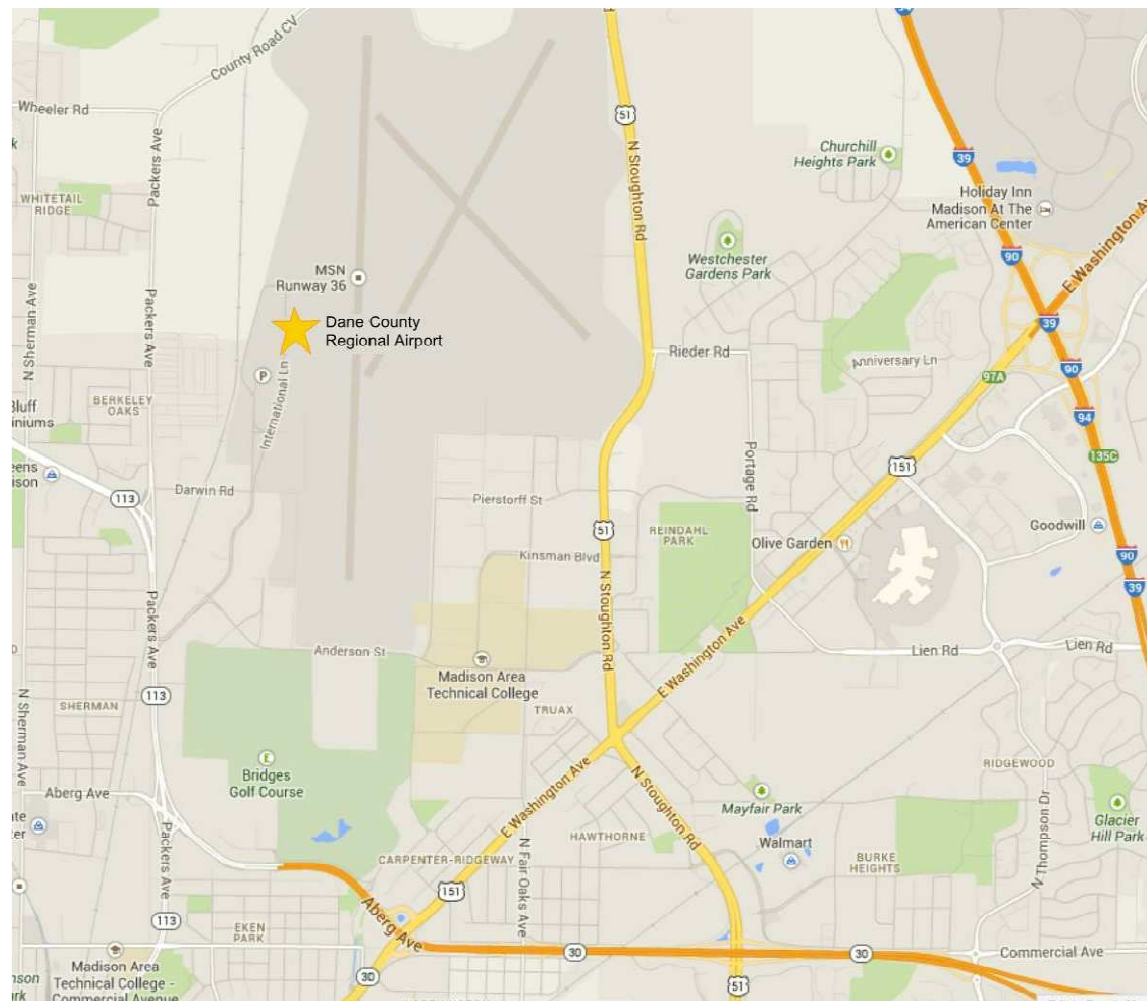
A handwritten signature in black ink, appearing to read 'Jonathan Parker', written in a cursive style.

Jonathan Parker, Architect, LEEP AP, Principal

Eppstein Uhen Architects



Dane County Regional Airport Parking Structure Expansion International Drive



INDEX

CIVIL	
C1.04	EXISTING SITE LAYOUT
LANDSCAPE	
L1.01	OVERALL SITE LANDSCAPE PLAN
ARCHITECTURAL	
A1.00	EXISTING CONDITIONS
A1.01	EXISTING CONDITIONS
A1.10	PARKING STRUCTURE FIRST FLOOR PLAN - SOUTH
A1.11	PARKING STRUCTURE FIRST FLOOR PLAN - NORTH
A1.20	PARKING STRUCTURE SECOND FLOOR PLAN - SOUTH
A1.21	PARKING STRUCTURE SECOND FLOOR PLAN - NORTH
A1.30	PARKING STRUCTURE THIRD FLOOR PLAN - SOUTH
A1.31	PARKING STRUCTURE THIRD FLOOR PLAN - NORTH
A1.40	PARKING STRUCTURE FOURTH FLOOR PLAN - SOUTH
A1.41	PARKING STRUCTURE FOURTH FLOOR PLAN - NORTH
A1.50	PARKING STRUCTURE FIFTH FLOOR PLAN - SOUTH
A1.51	PARKING STRUCTURE FIFTH FLOOR PLAN - NORTH
A1.60	PARKING STRUCTURE SIXTH FLOOR PLAN - SOUTH
A1.61	PARKING STRUCTURE SIXTH FLOOR PLAN - NORTH
A1.70	PARKING STRUCTURE ROOF PLAN SOUTH
A1.71	PARKING STRUCTURE ROOF PLAN NORTH
A3.10.	PARKING STRUCTURE EXTERIOR ELEVATIONS
A3.11.	PARKING STRUCTURE EXTERIOR ELEVATIONS
A9.10	PARKING STRUCTURE PERSPECTIVES
A9.11	PARKING STRUCTURE PERSPECTIVES
ELECTRICAL	
E0.60	ROOF LIGHTING PHOTOMETRIC CALCULATIONS

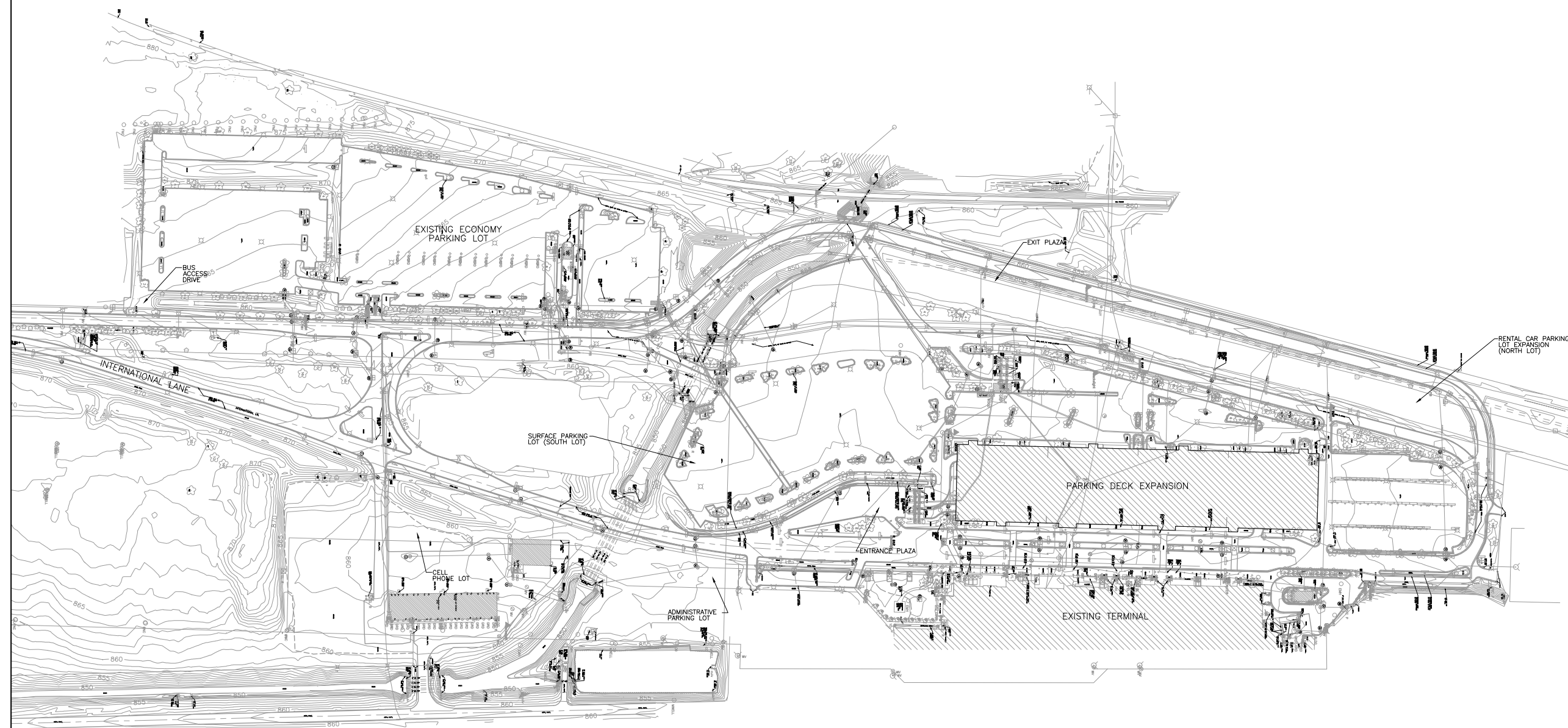


epstein uhen : architects

UDC SUBMITTAL

09/18/2013

PROJECT NUMBER: 713184-01



PROJECT NAME:
Dane County Regional Airport Parking Structure
Expansion

SHEET TITLE:
EXISTING SITE LAYOUT

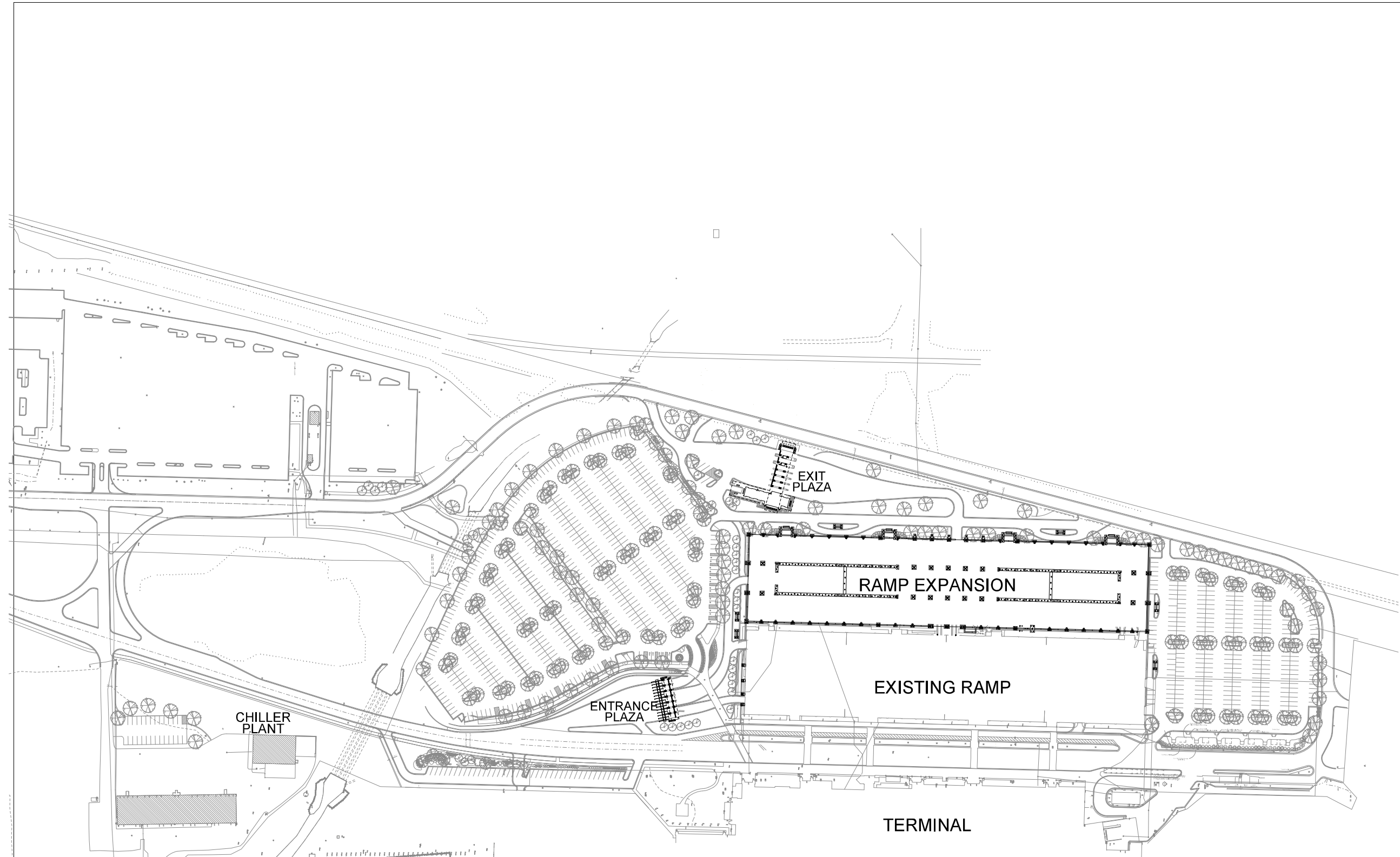
**UDC DRAWING
SUBMITTAL SET**

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR SEQUENCE OF CONSTRUCTION STAGING FOR ALL WORK ON PROJECT.
2. PROVIDE ENGINEER AND OWNER A MINIMUM 72-HOUR NOTICE PRIOR TO CLOSURE OF ANY ACCESS ON THE SITE. CONTRACTOR SHALL COORDINATE WITH LOCAL FIRE DEPARTMENT SO THAT LEVEL OF SERVICE IS NOT DECREASED.
3. KEEP ONE LANE INTO HOURLY PARKING, RAMP PARKING AND SURFACE PARKING OF ENTRY PLAZA OPEN AT ALL TIMES.
4. MAINTAIN VEHICLE ACCESS FROM ALL PARKING AREAS TO EXIT PLAZA AT ALL TIMES. KEEP ONE CASHIER TERMINAL AND ONE EXIT VERIFIER LANE OF EXIT PLAZA OPEN AT ALL TIMES.
5. MAINTAIN A SAFE PEDESTRIAN ACCESS WITH CLEAR SIGNING BETWEEN THE AIRPORT TERMINAL, SOUTH PARKING LOT AND REMOTE PARKING LOT AT ALL TIMES.
6. KEEP EXISTING REVENUE CONTROL SYSTEM IN PLACE AND FUNCTIONING.
7. MAINTAIN ACCESS TO ALL EXISTING SNOW CHUTES UNTIL NEW SNOW CHUTES HAVE BEEN CONSTRUCTED AND COMPLETELY OPERATIONAL.
8. THE SOUTH SURFACE PARKING LOT SHALL REMAIN FULLY OPERATIONAL DURING THE CONSTRUCTION OF THE NEW PARKING STRUCTURE. THE CONTRACTOR SHALL STAGE THE SURFACE LOT IMPROVEMENTS SO THAT AT LEAST HALF OF THE SURFACE LOT IS AVAILABLE TO PATRONS DURING IT'S RECONSTRUCTION.
9. THE RENTAL CAR PARKING LOT SHALL REMAIN FULLY OPERATIONAL DURING THE CONSTRUCTION OF THE NEW PARKING STRUCTURE. THE CONTRACTOR SHALL STAGE THE RENTAL CAR LOT IMPROVEMENTS SO THAT AT LEAST HALF OF THE RENTAL CAR LOT IS AVAILABLE TO THE CAR RENTAL COMPANIES DURING IT'S RECONSTRUCTION.

Revision Schedule		
NO.	DATE	REVISIONS

PROJECT NUMBER: 713184-01
DATE: 09/18/2013
DRAWN BY: KN
CHECKED BY: TS
PROJECT MANAGER: ---
SCALE: As Noted
FILE: XC1.04 - UDC SUBMITTAL



PROJECT NAME:
Dane County Regional Airport Parking Structure Expansion

SHEET TITLE:
OVERALL SITE LANDSCAPE PLAN

**UDC SUBMITTAL
DRAWING SET**

Revision Schedule		
NO.	DATE	REVISIONS

PROJECT NUMBER: 713184-01
DATE: 09/18/2013
DRAWN BY:
CHECKED BY:
PROJECT MANAGER:
SCALE: 1"=60'
FILE:

Landscape Worksheet				
South Lot				
Number of Parking Stalls	655			
Required Canopy Shade Trees	33			
Provided Shade Trees	95			
Landscape Points	Point Value	Quantity	Points Achieved	Credits
Element				Points
Canopy Tree 2" to 2-1/2"	35	32	1120	
Deciduous Shrub	2	35	70	
Evergreen Shrub	3	30	90	
Decorative Wall or Fence (per 10 ft.)	5	0	0	
Earth Berm (per 10 ft.)	5	0	0	
Avg. Ht. 30"	2	0	0	
Avg. Ht. 15"	2	0	0	
Evergreen Trees 3" Ht. Min.	15	0	0	
Canopy Tree or Small Tree 1 1/2 to 2" Caliper	16	0	0	
Sub Totals			2300	
			Total Points Required	1976
			Total Points Provided	2300

Landscape Worksheet				
North Lot				
Number of Parking Stalls	399			
Required Canopy Shade Trees	20			
Provided Shade Trees	53			
Landscape Points	Point Value	Quantity	Points Achieved	Credits
Element				Points
Canopy Tree 2" to 2-1/2"	35	14	490	
Deciduous Shrub	2	0	0	
Evergreen Shrub	3	0	0	
Decorative Wall or Fence (per 10 ft.)	5	0	0	
Earth Berm (per 10 ft.)	5	0	0	
Avg. Ht. 30"	2	0	0	
Avg. Ht. 15"	2	0	0	
Evergreen Trees 3" Ht. Min.	15	0	0	
Canopy Tree or Small Tree 1 1/2 to 2" Caliper	16	0	0	
Sub Totals			490	
			Total Points Required	131
			Total Points Provided	490

Landscape Worksheet				
North Lot				
Number of Parking Stalls	399			
Required Canopy Shade Trees	20			
Provided Shade Trees	53			
Landscape Points	Point Value	Quantity	Points Achieved	Credits
Element				Points
Canopy Tree 2" to 2-1/2"	35	14	490	
Deciduous Shrub	2	30	60	
Evergreen Shrub	3	20	60	
Decorative Wall or Fence (per 10 ft.)	5	0	0	
Earth Berm (per 10 ft.)	5	0	0	
Avg. Ht. 30"	2	0	0	
Avg. Ht. 15"	2	0	0	
Evergreen Trees 3" Ht. Min.	15	0	0	
Canopy Tree or Small Tree 1-1/2 to 2" Caliper	16	0	0	
Sub Totals			1210	
			Total Points Required	110
			Total Points Provided	1210



View From International Lane



West View From Surface Parking



West View From Surface Parking



West View From North At Exit

Revision Schedule		
NO.	DATE	REVISIONS BY

PROJECT NUMBER: 713184-01
DATE: 09/19/2013
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PROJECT MANAGER: JP
SCALE:
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West View



West View



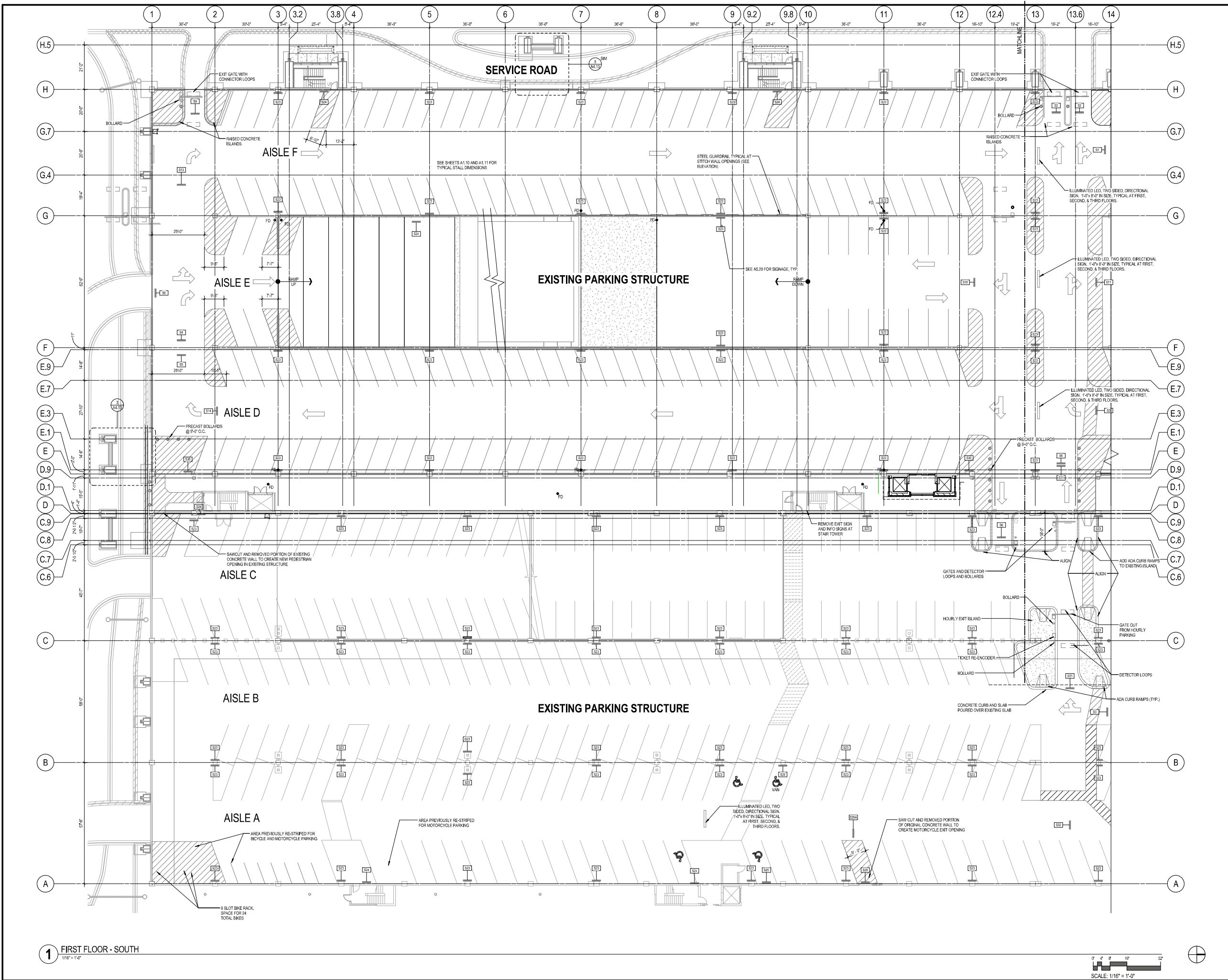
View From North Side of Ramp

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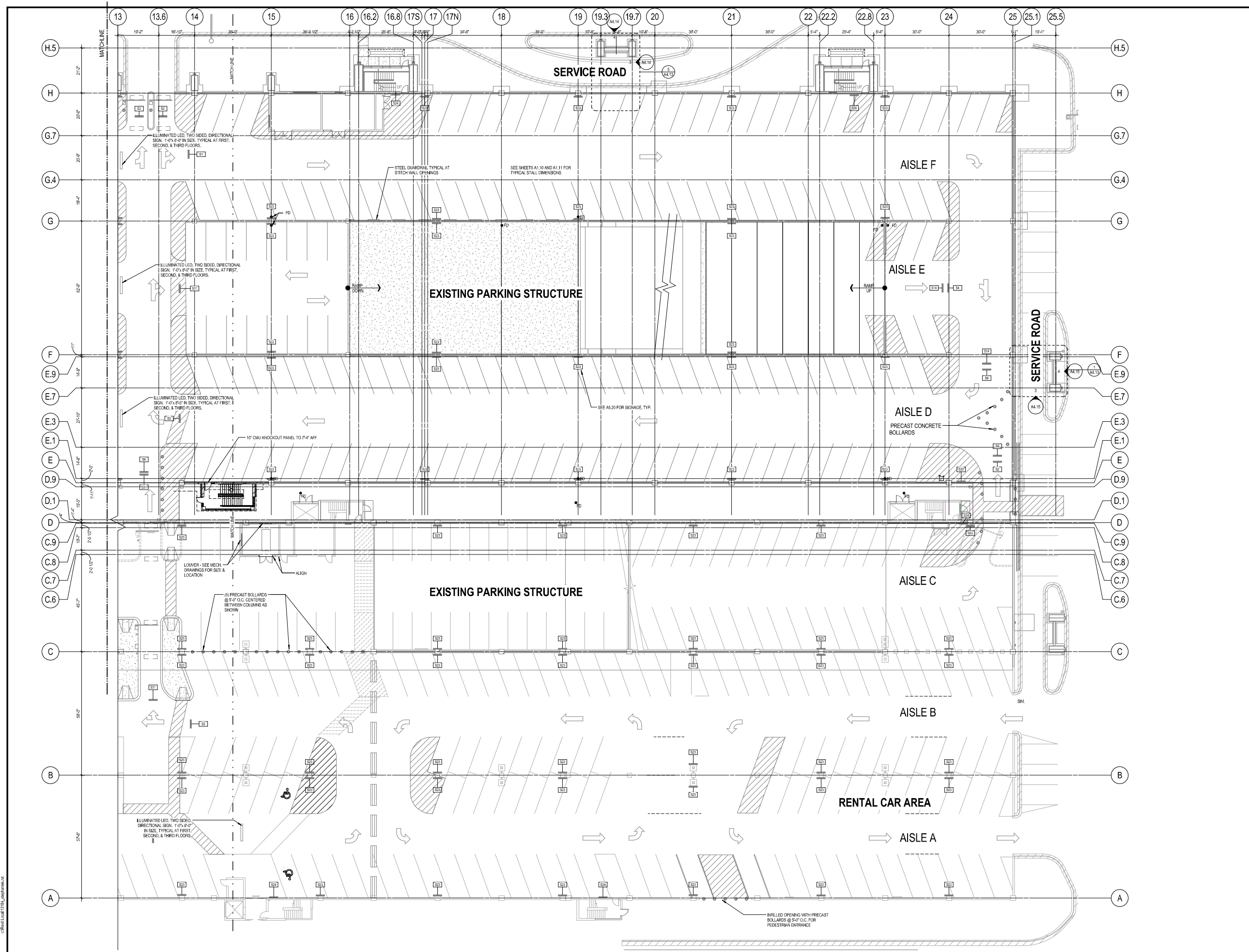
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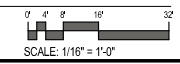


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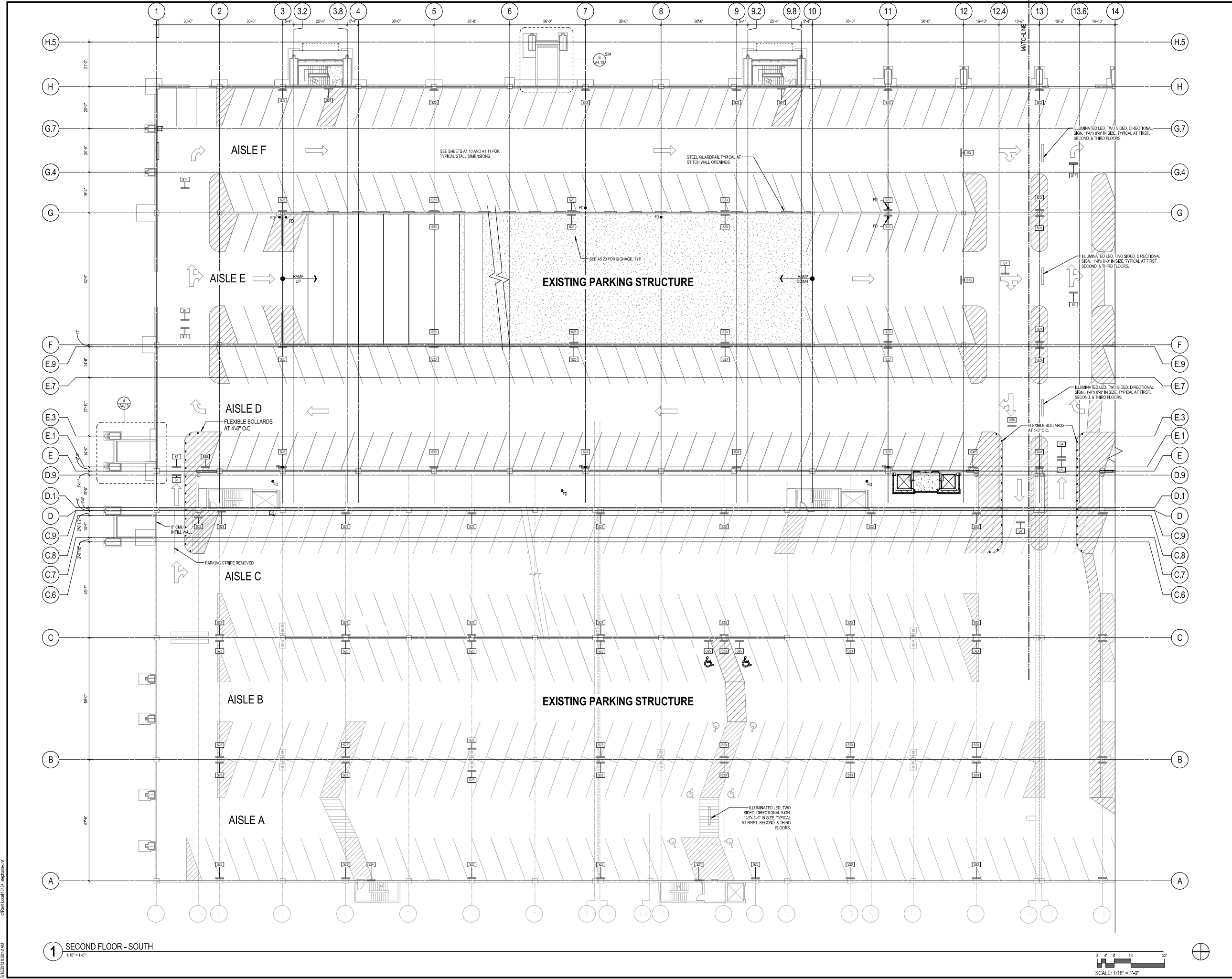
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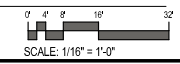
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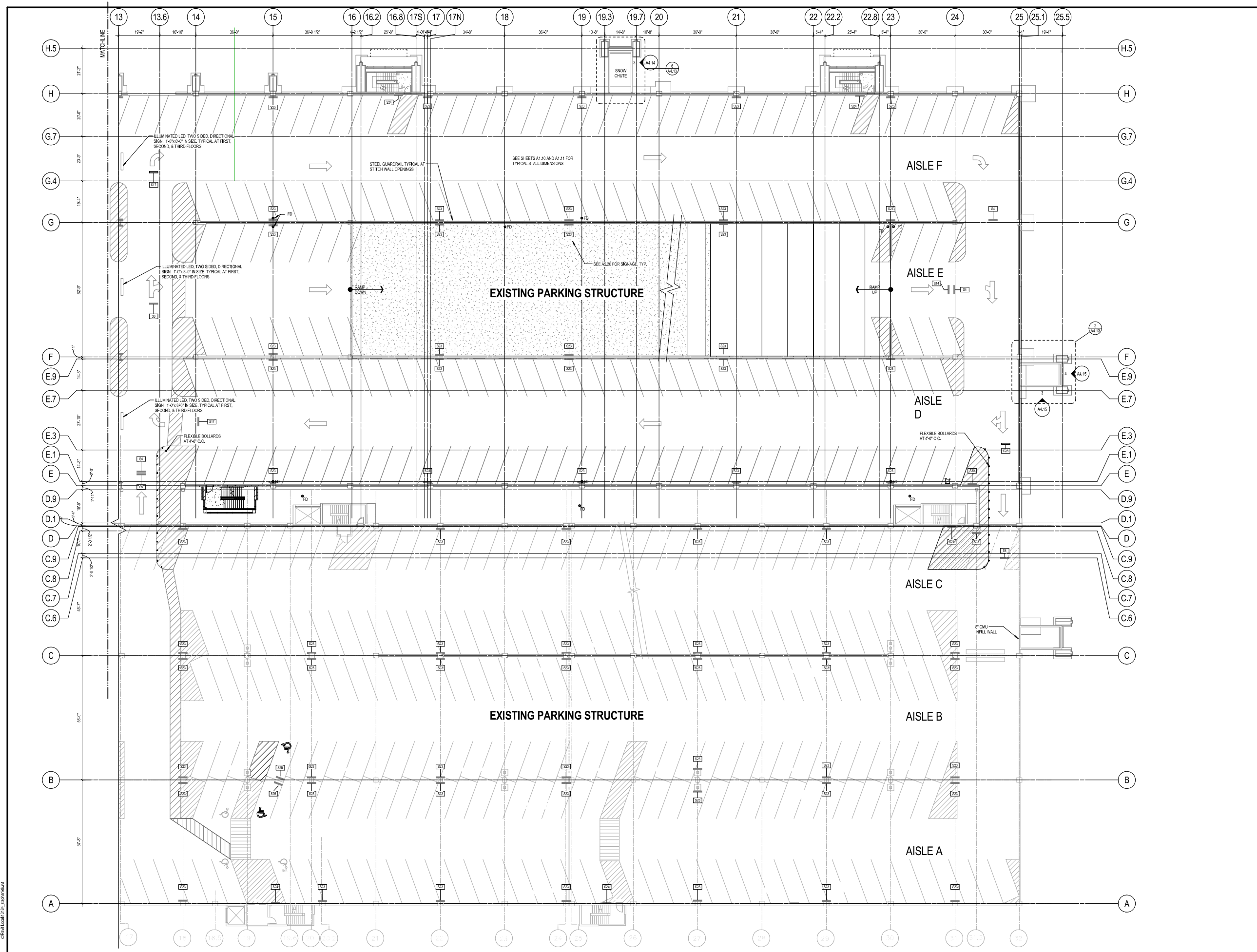
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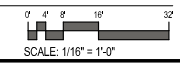
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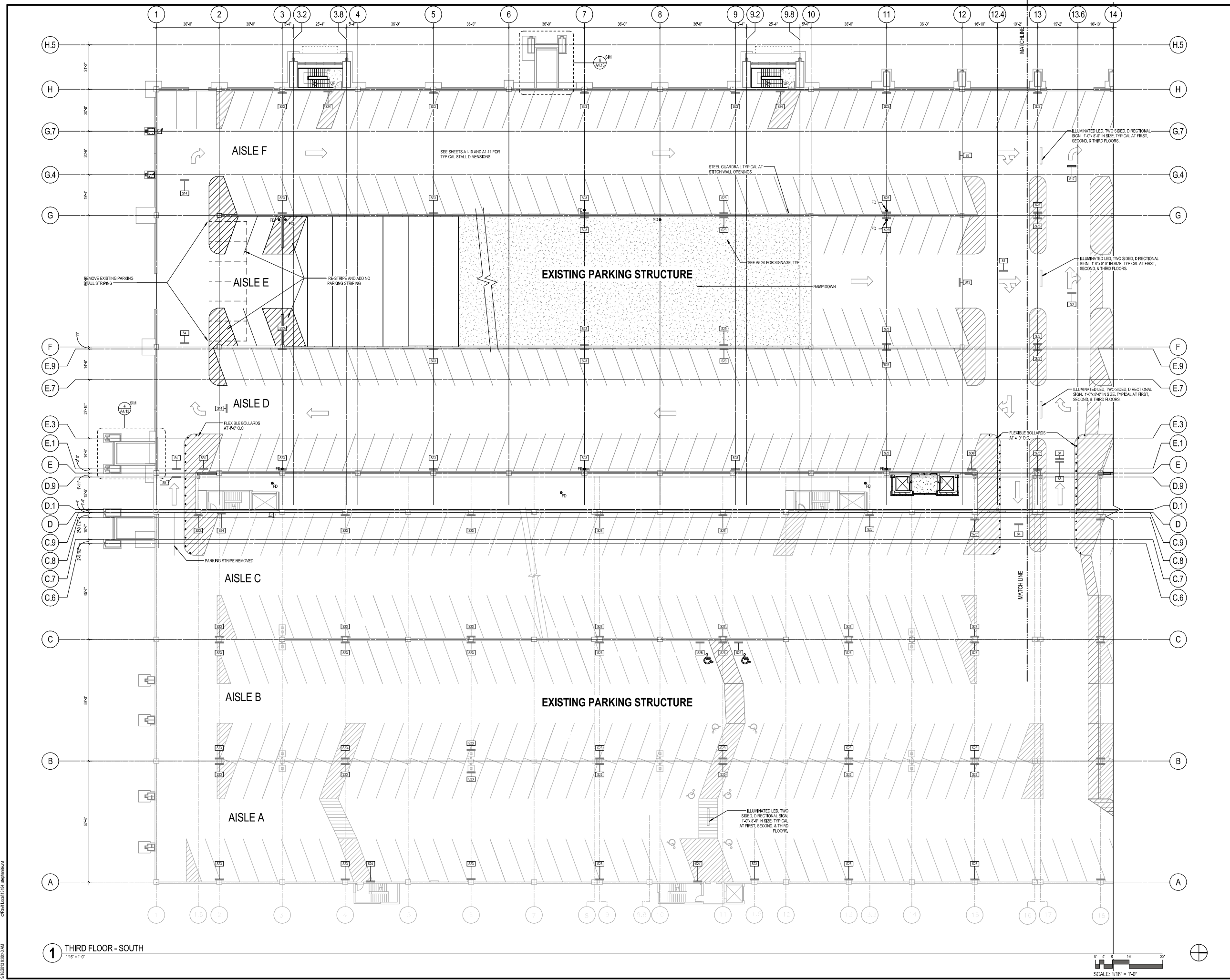
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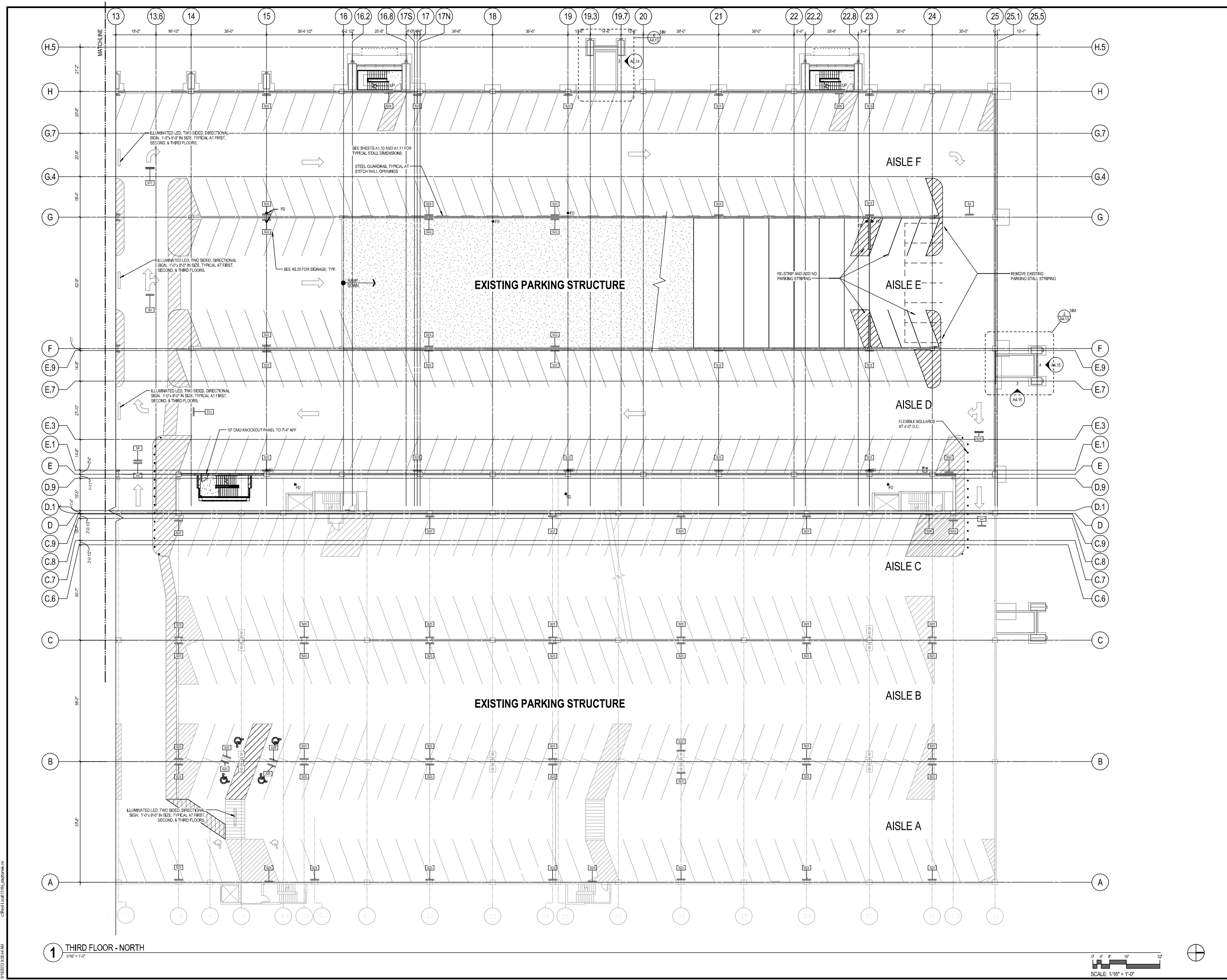
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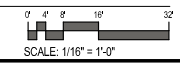


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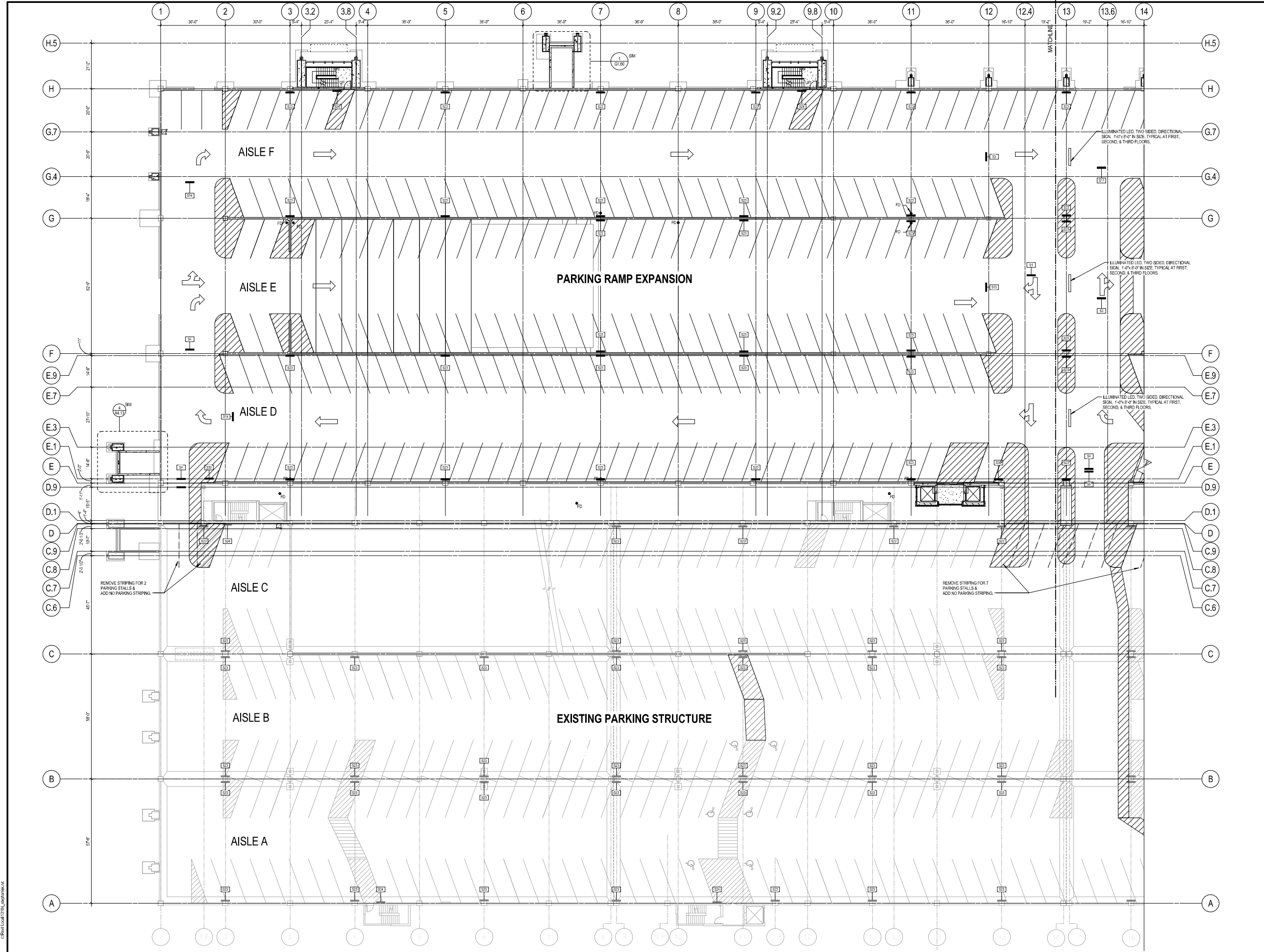
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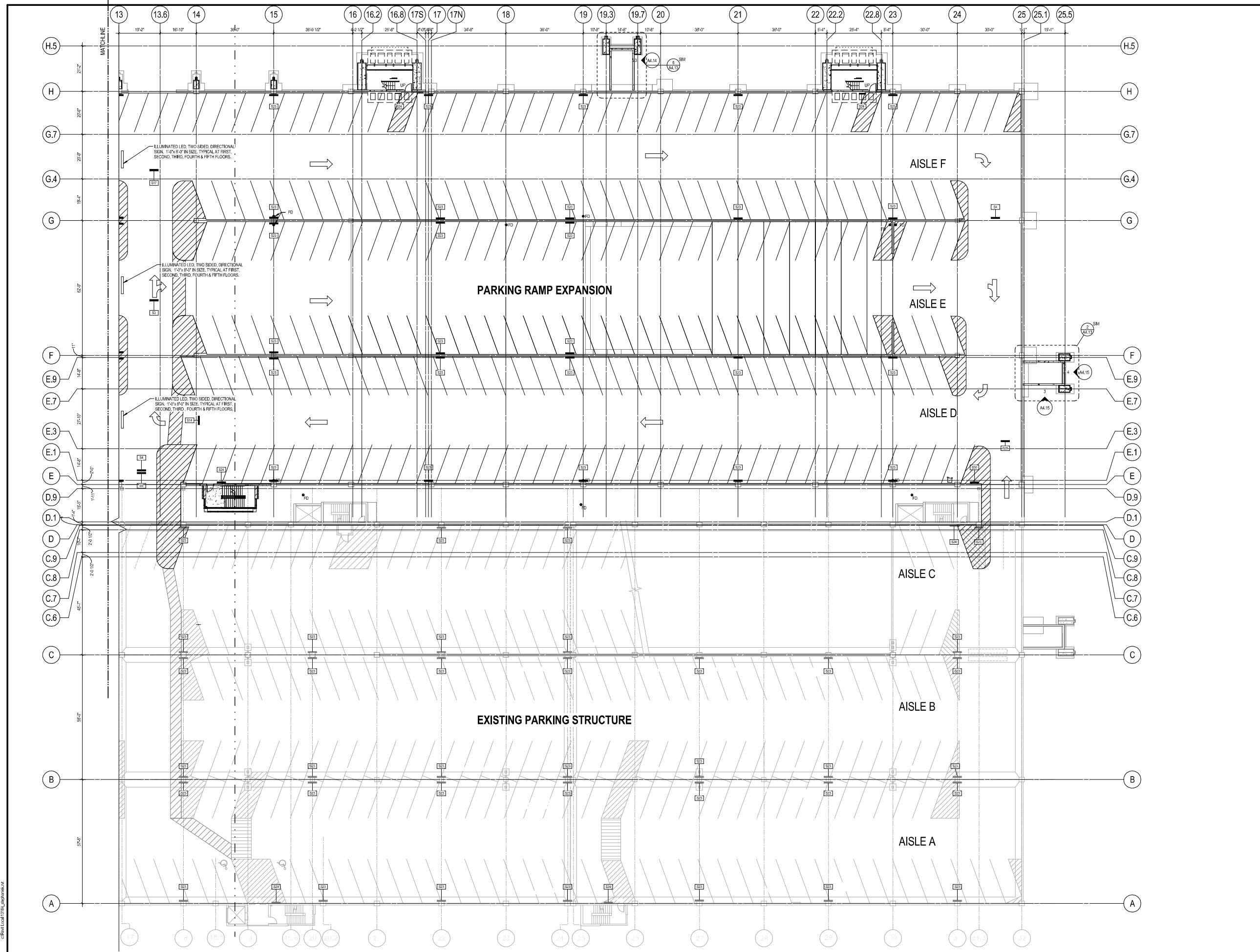


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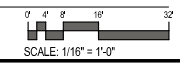
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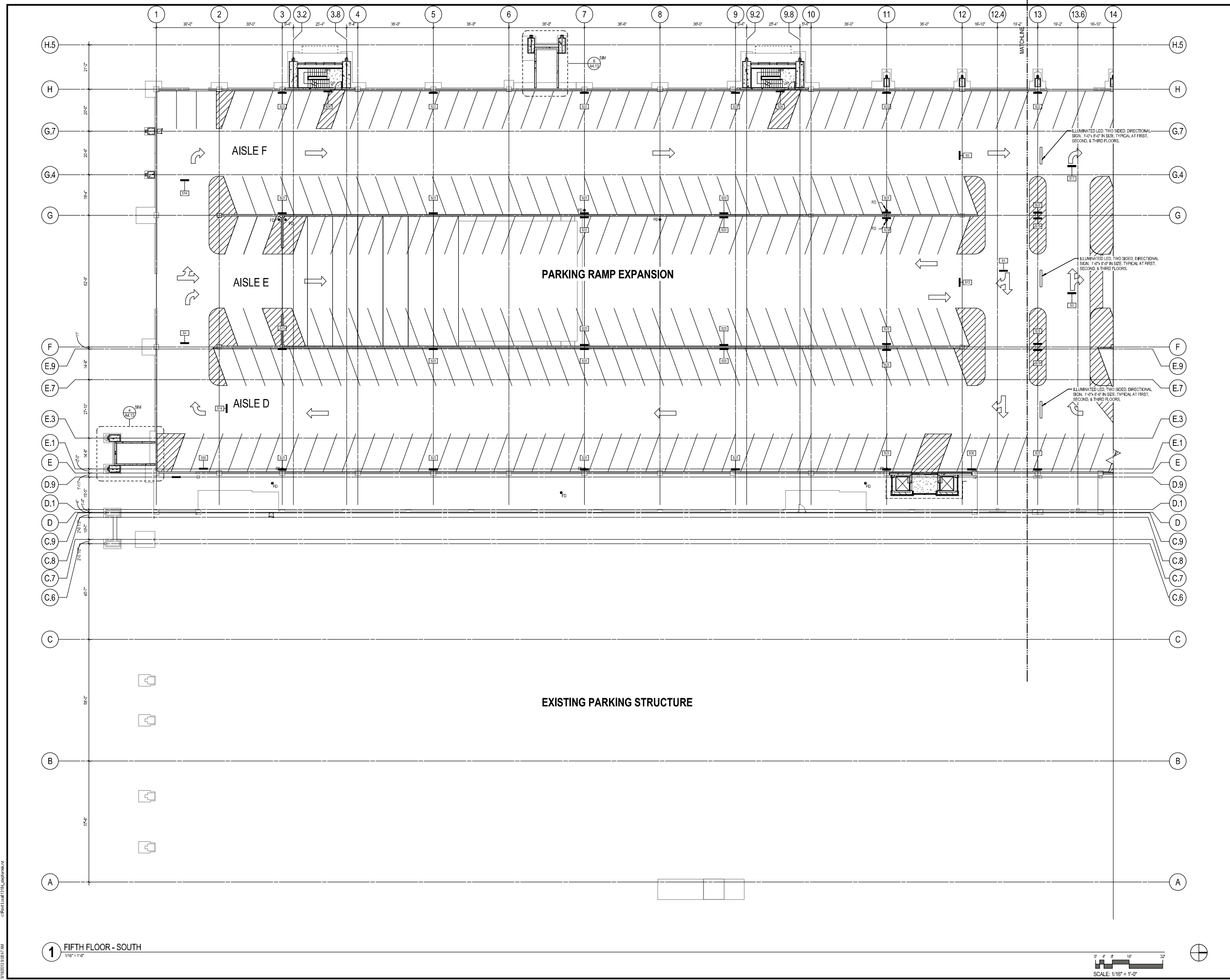
1 FOURTH FLOOR - NORTH
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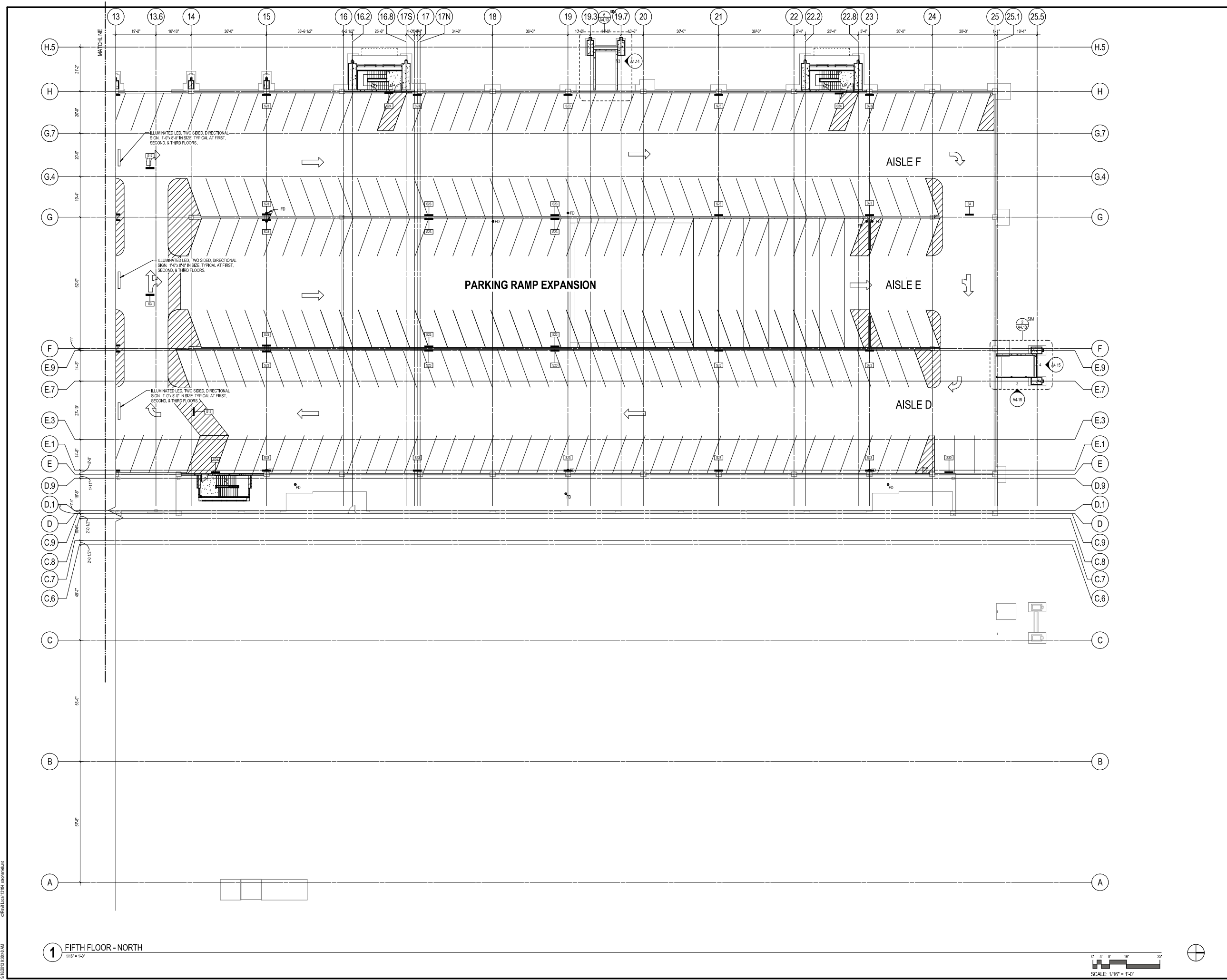
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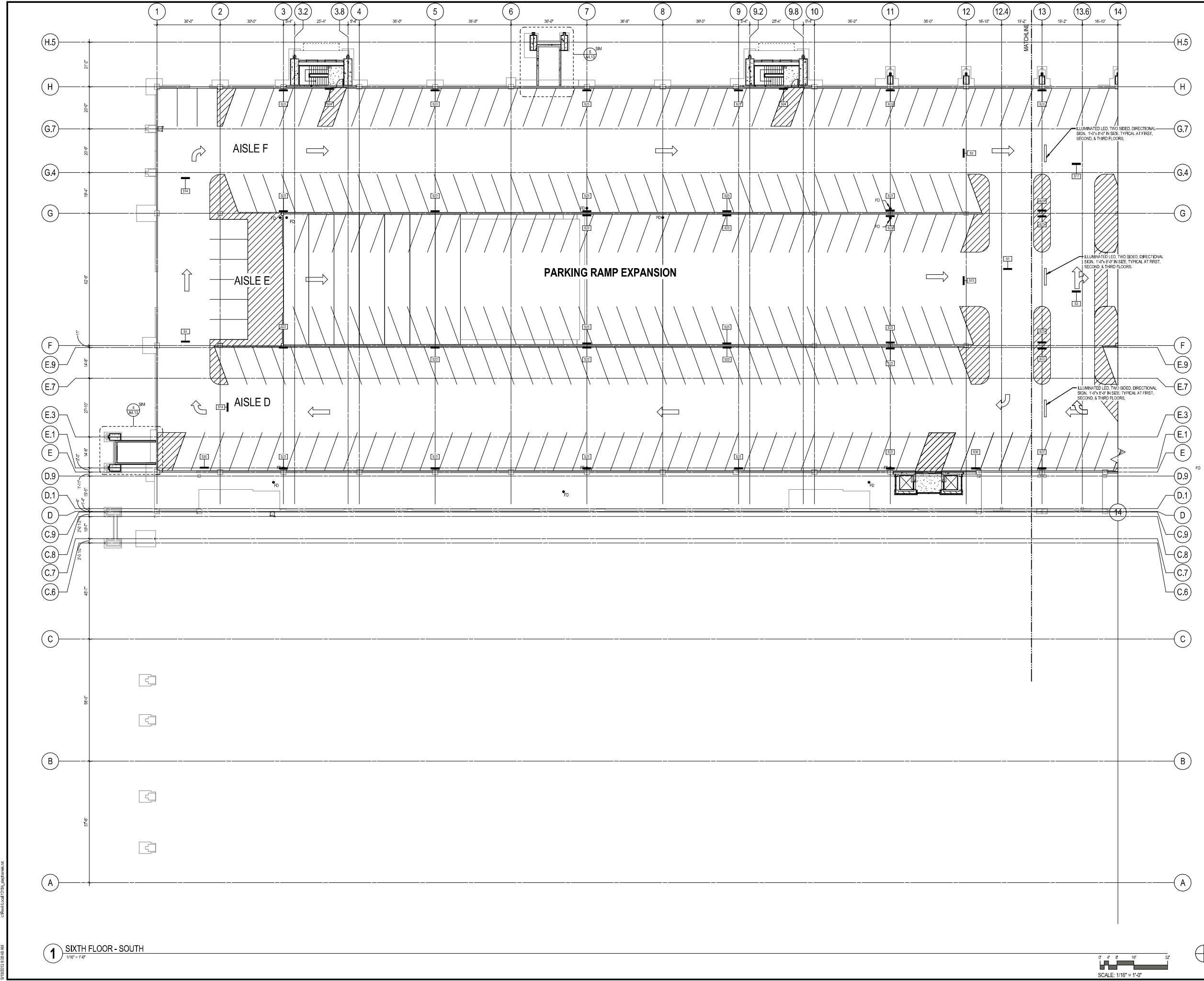
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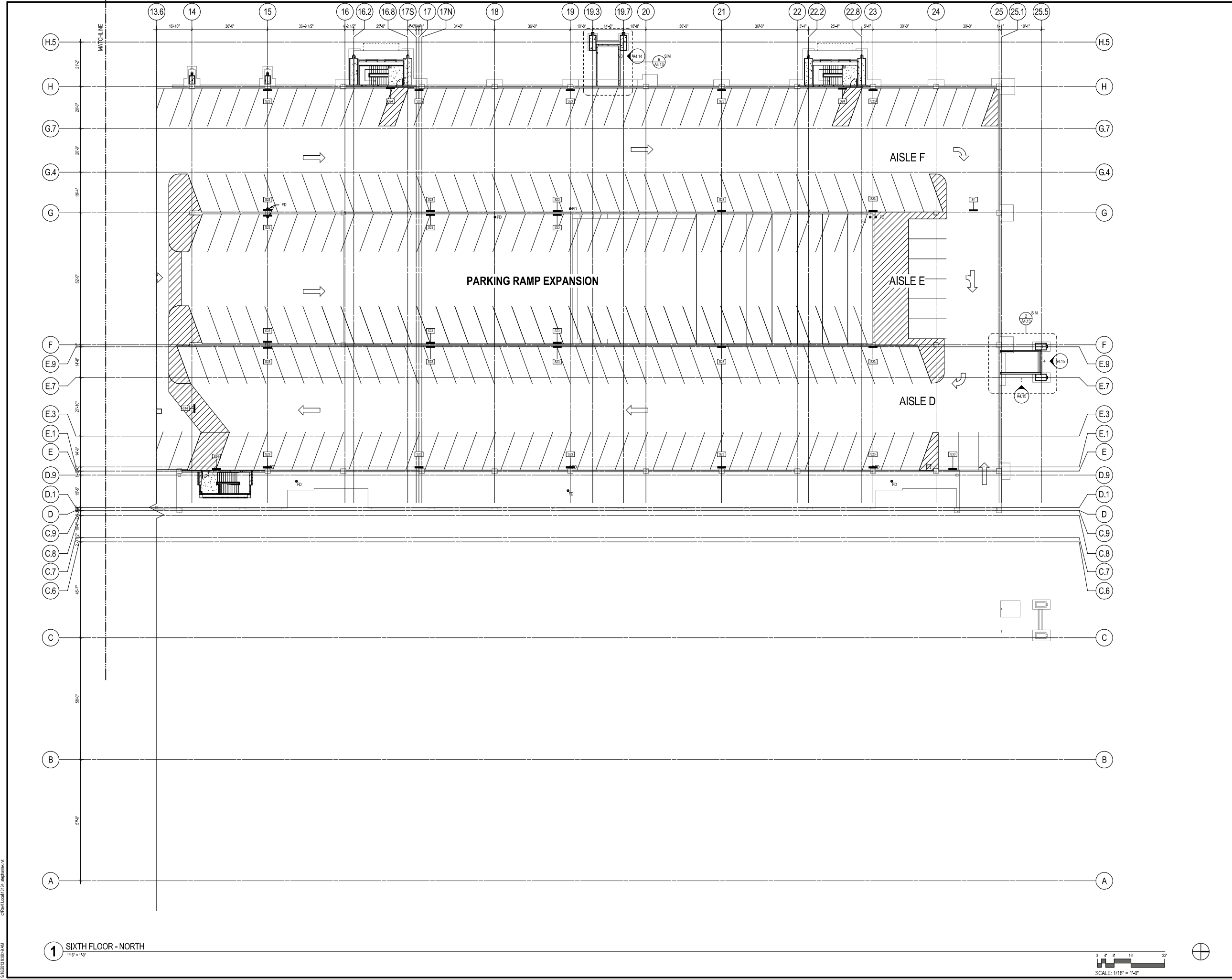


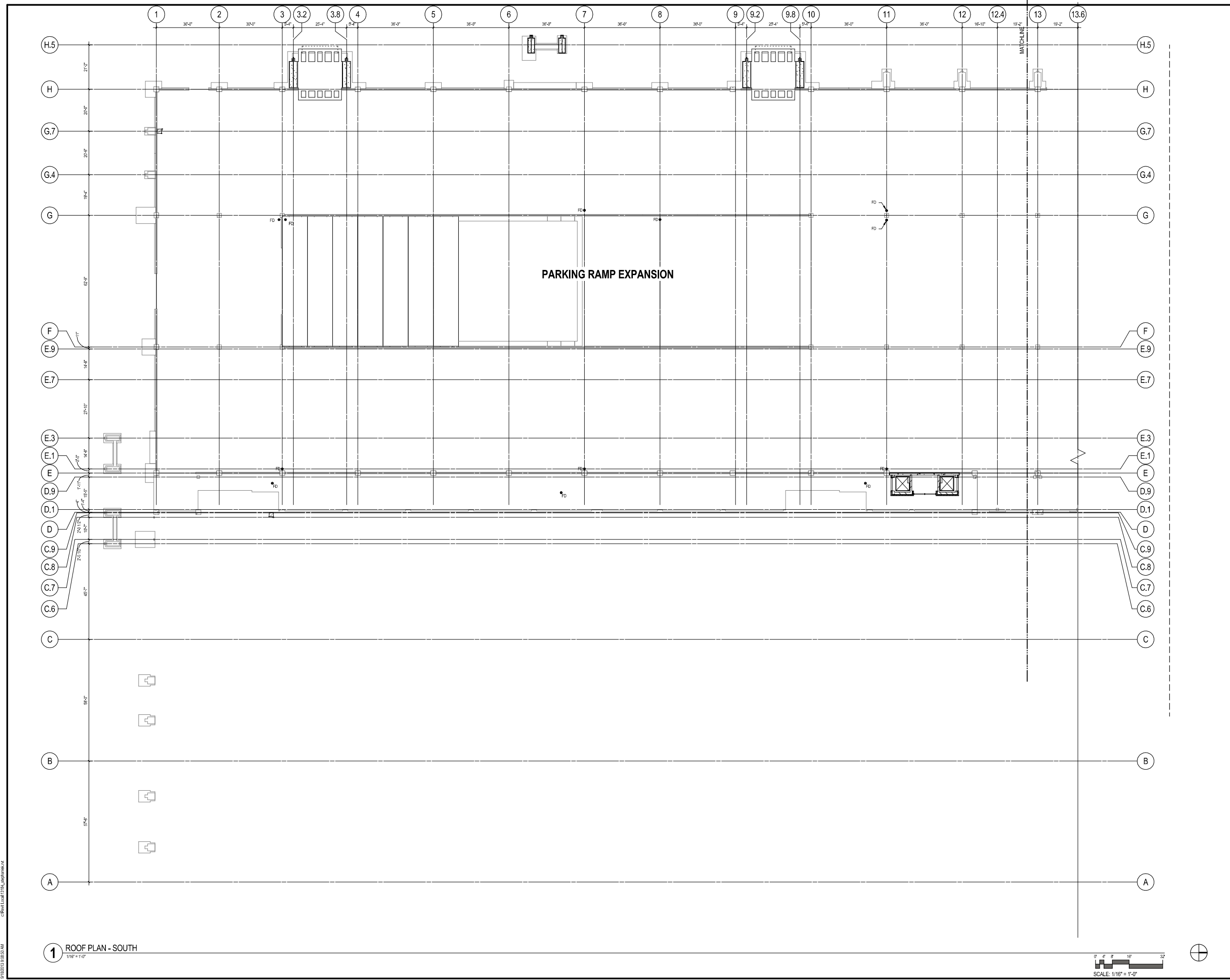
1 SIXTH FLOOR - SOUTH
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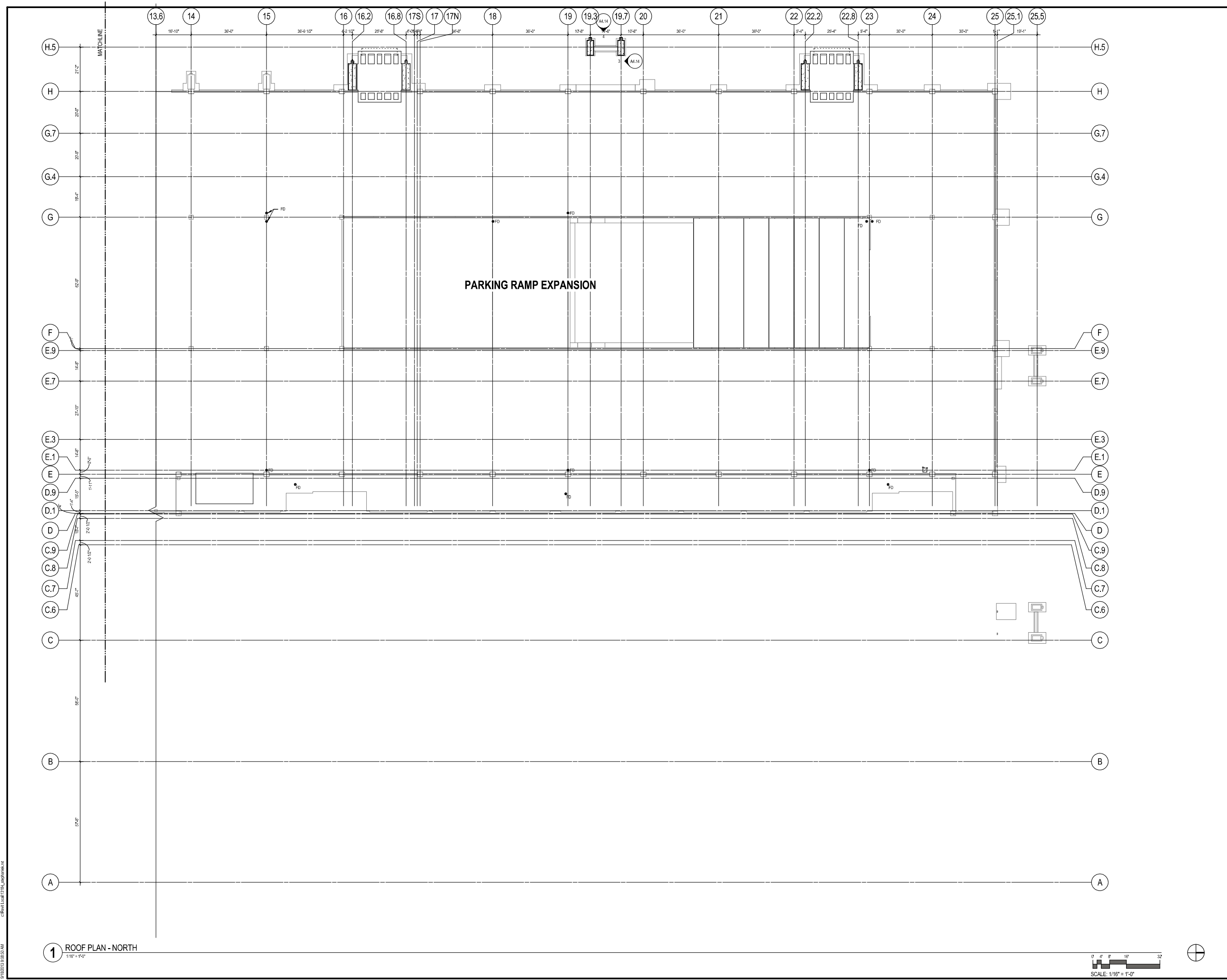




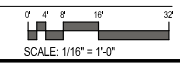
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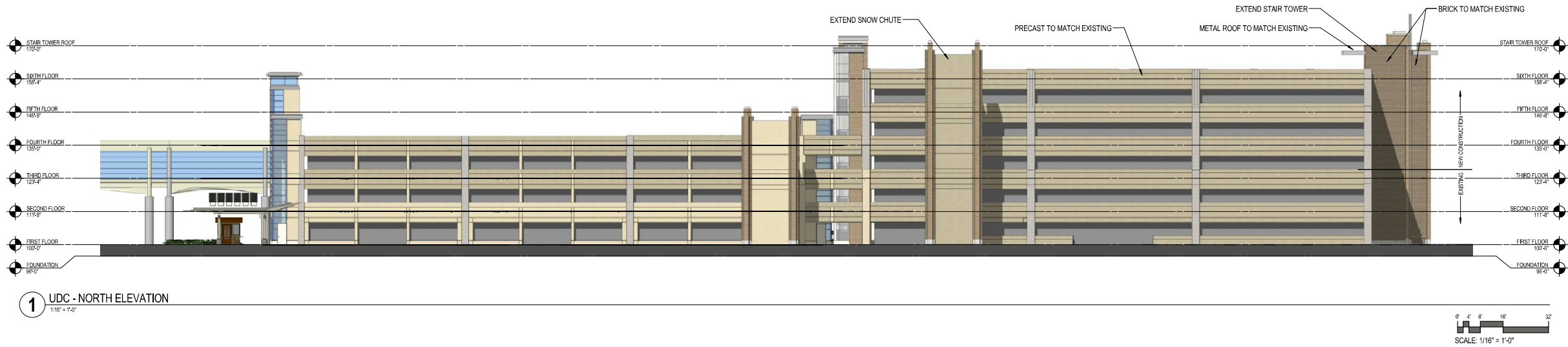
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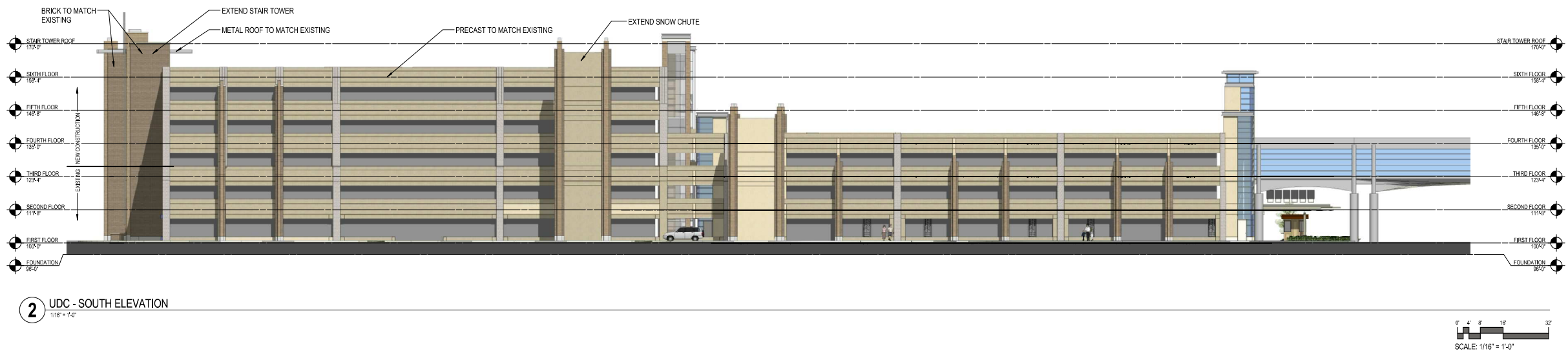
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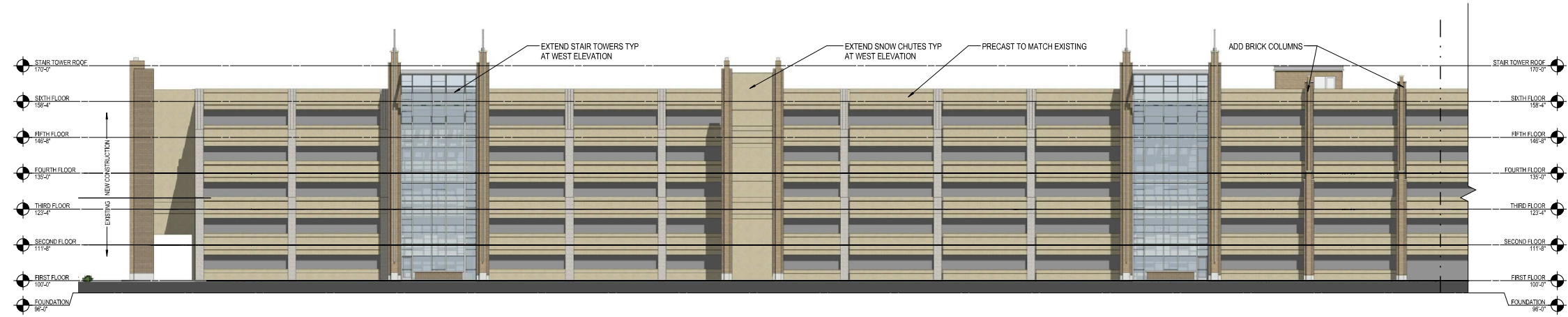
1 UDC - NORTH ELEVATION
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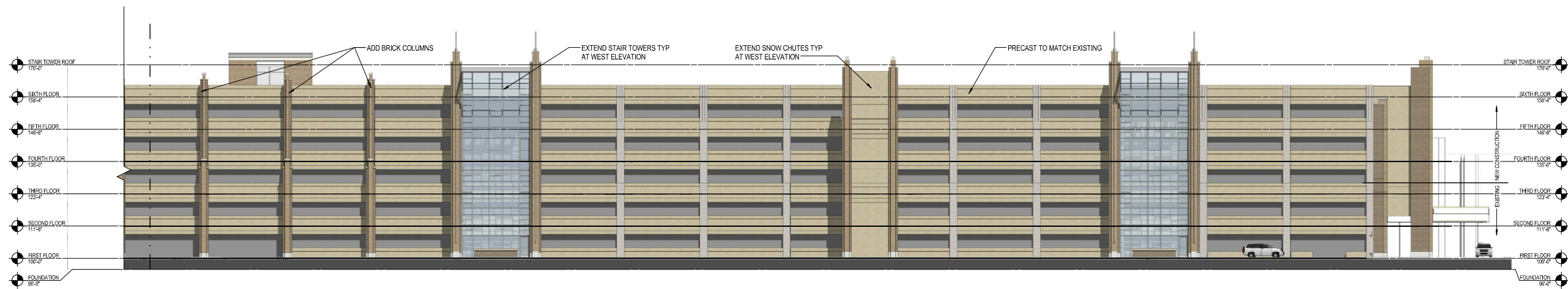
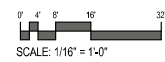
2 UDC - SOUTH ELEVATION
1/16" = 1'-0"

Revision Schedule		
NO.	DATE	REVISIONS

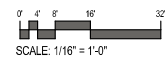
PROJECT NUMBER: 713184-01
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DRAWN BY: SK
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PROJECT MANAGER: JP
SCALE: 1/16" = 1'-0"
FILE:



1 UDC - WEST ELEVATION - NORTH
1/16" = 1'-0"



2 UDC - WEST ELEVATION - SOUTH
1/16" = 1'-0"





View From International Lane



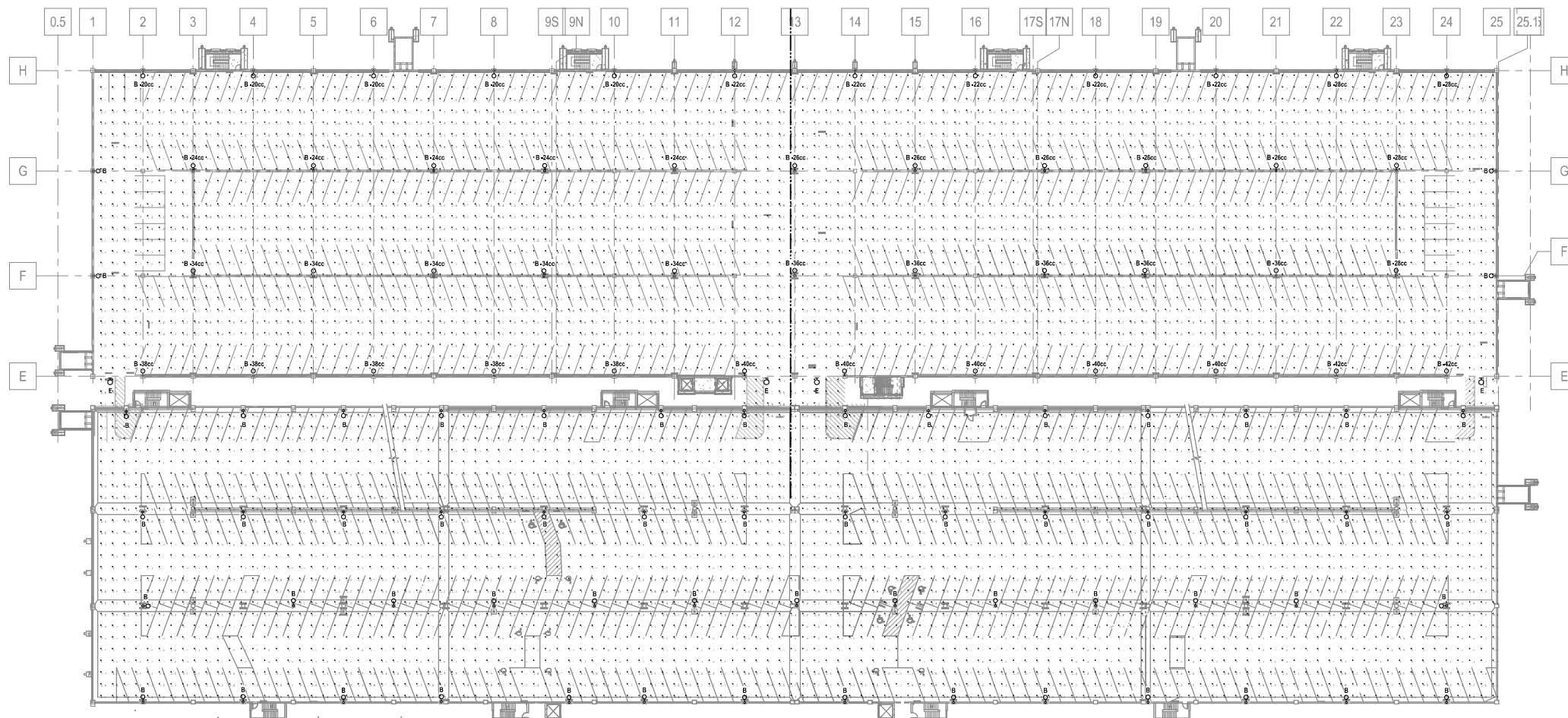
View Southwest



View From Southwest



View From West



AS1 LED Area Luminaire
 Introduction: The AS1 LED Area Luminaire is a high-performance, energy-efficient lighting fixture designed for large area applications. It features a wide beam angle and uniform light distribution, making it ideal for parking garages, industrial facilities, and large commercial spaces. The fixture is constructed from durable materials and is available in multiple sizes and finishes to meet specific project requirements.

Specifications:
 Model: AS1-LED-48355/50K-SR3-277-SF-DWHXD
 Voltage: 277V
 Power: 100W
 Beam Angle: 120°
 Mounting: Surface Mount
 Finish: White (DWH)

Performance Data:

Beam Angle	Foot-Candle (FC)	Foot-Candle (FC) at 100'
120°	1.0	0.0001
90°	4.0	0.0016
60°	16.0	0.0064
45°	32.0	0.0128
30°	64.0	0.0256
15°	256.0	0.1024

Accessories:
 The AS1 LED Area Luminaire is compatible with a variety of accessories, including mounting brackets, diffusers, and sensors. These accessories allow for flexible installation and customization of the lighting fixture to suit specific application needs.

Notes:
 1. All dimensions are in inches unless otherwise specified.
 2. The AS1 LED Area Luminaire is designed to be used in conjunction with a compatible control system.

1 ROOF PHOTOMETRICS
 1/32" = 1'-0"

Calculation Summary

Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
Calc Fc	Illuminance	Fc	2.03	5.0	0.4	5.08	12.50

LIGHTING FIXTURE SCHEDULE

NOTE: SEE SPECIFICATIONS SECTIONS FOR ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE AND INSTALLATION REQUIREMENTS. PROVIDE OPTIONS AND ACCESSORIES REFERENCED BY THE COLUMN TITLED "OPTIONS/ACCESSORIES". MANUFACTURERS LISTED AS ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT.

ABBREVIATIONS: DW = DRY WALL, ES = EXPOSED STRUCTURE, LG = LAY-IN GRID, P = PENDANT, PL = PLASTER, PO = POLE, R = RECESS, S = SURFACE, W = WALL MOUNTED, V = VARIES

DES	LAMP DATA		DESCRIPTION	LIGHTING FIXTURE		VOLT	MOUNT	CEILING TYPE	FIXTURE DEPTH	OPTIONS/ACCESSORIES	ACCEPTABLE MANUFACTURERS	SEE NOTE
	#	TYPE		MANUFACTURER	CATALOG SERIES							
B	-	LED	14" POLE MOUNTED - ROOF	LITHONIA	AS1-1-LED-48355/50K-SR3-277-SF-DWHXD	277	PO	NA	6.5"			1, 2
E	-	LED	WALL MOUNTED - ROOF	LITHONIA	AS1-1-LED-48355/50K-SR3-277-WBA-SF-DWHXD	277	S	W	6.5"			1

LIGHTING FIXTURE SCHEDULE NOTES:
 1. MATCH EXISTING STYLE COLOR.
 2. EXISTING 14" HINGED, WHITE, SQUARE ALUMINUM POLES TO BE REMOVED AND REPAIRED. POLES TO BE REINSTALLED (WITH NEW FIXTURES AS SHOWN ON SCHEDULE) ON 4TH AND 6TH LEVEL ROOF.

GRÄEF
 5126 West Terrace Drive,
 Suite 111 Madison, WI 53718-8346
 608 / 242 1550
 608 / 242 0787 fax
 www.graef-usa.com

eua
appstein uhen : architects
 milwaukee 333 East Chicago Street
 Milwaukee, Wisconsin 53202
 tel 414 271 5350 fax 414 271 7794
 madison 222 West Washington Ave, Suite 650
 Madison, Wisconsin 53703
 tel 608 442 5350 fax 608 442 6880

PROJECT NAME
**DANE COUNTY REGIONAL AIRPORT PARKING
 STRUCTURE VERTICAL EXPANSION**

SHEET TITLE
**ROOF LIGHTING PHOTOMETRIC
 CALCULATIONS**

**UDC SUBMITTAL
 DRAWING SET**

Revision Schedule

NO.	DATE	REVISIONS	BY

PROJECT NUMBER: 2013-0028
 DATE: 08/18/2013
 DRAWN BY: TKO
 CHECKED BY: WOB
 PROJECT MANAGER: DFW
 SCALE: As indicated
 FILE:

SHEET NUMBER
E0.60