

PL201900184
PL2019-184

SOUTH LOOP WATERPARK
FDP SUBMISSION
REVISED: 11.05.2019



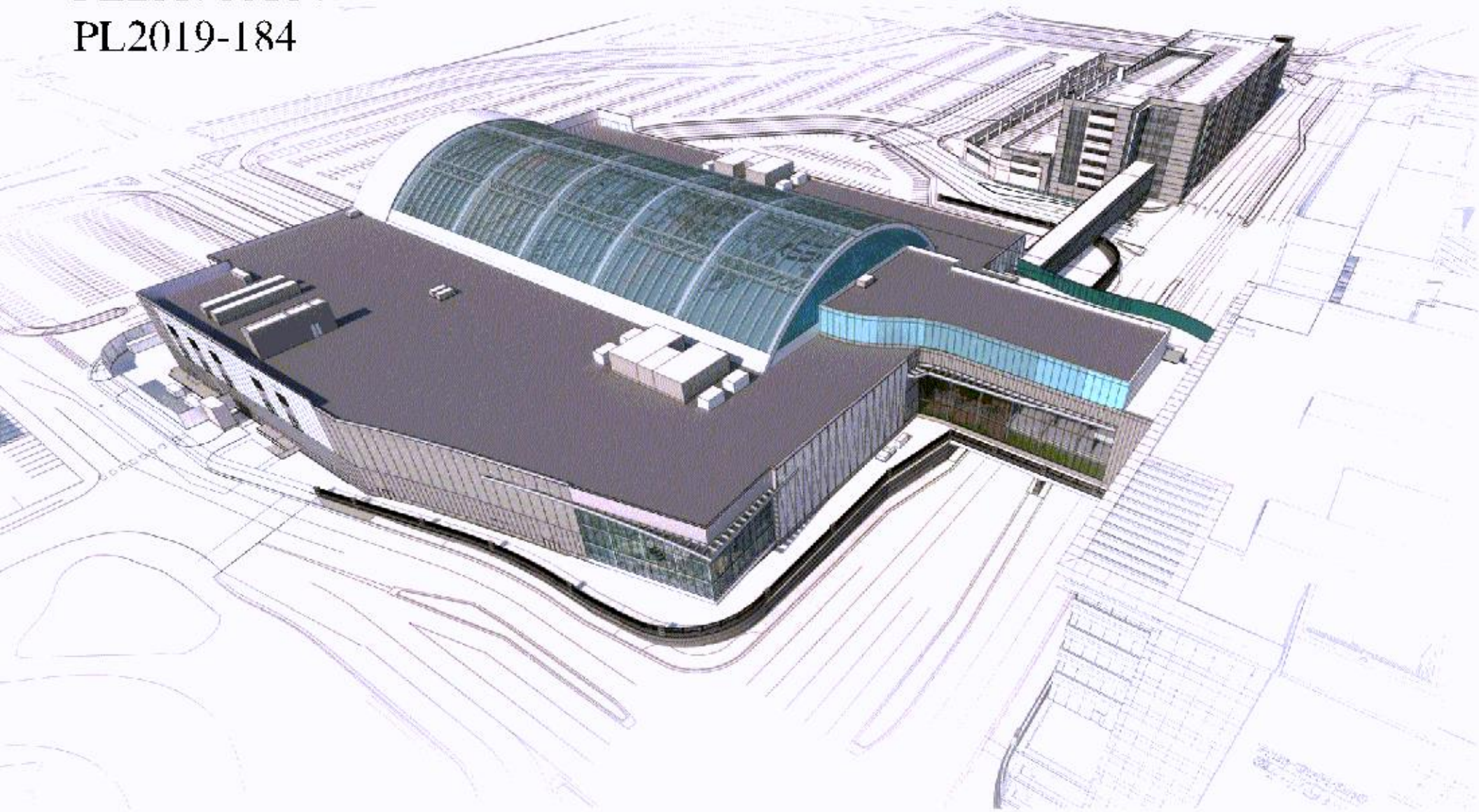
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WATERPARK CONCEPT / VISION



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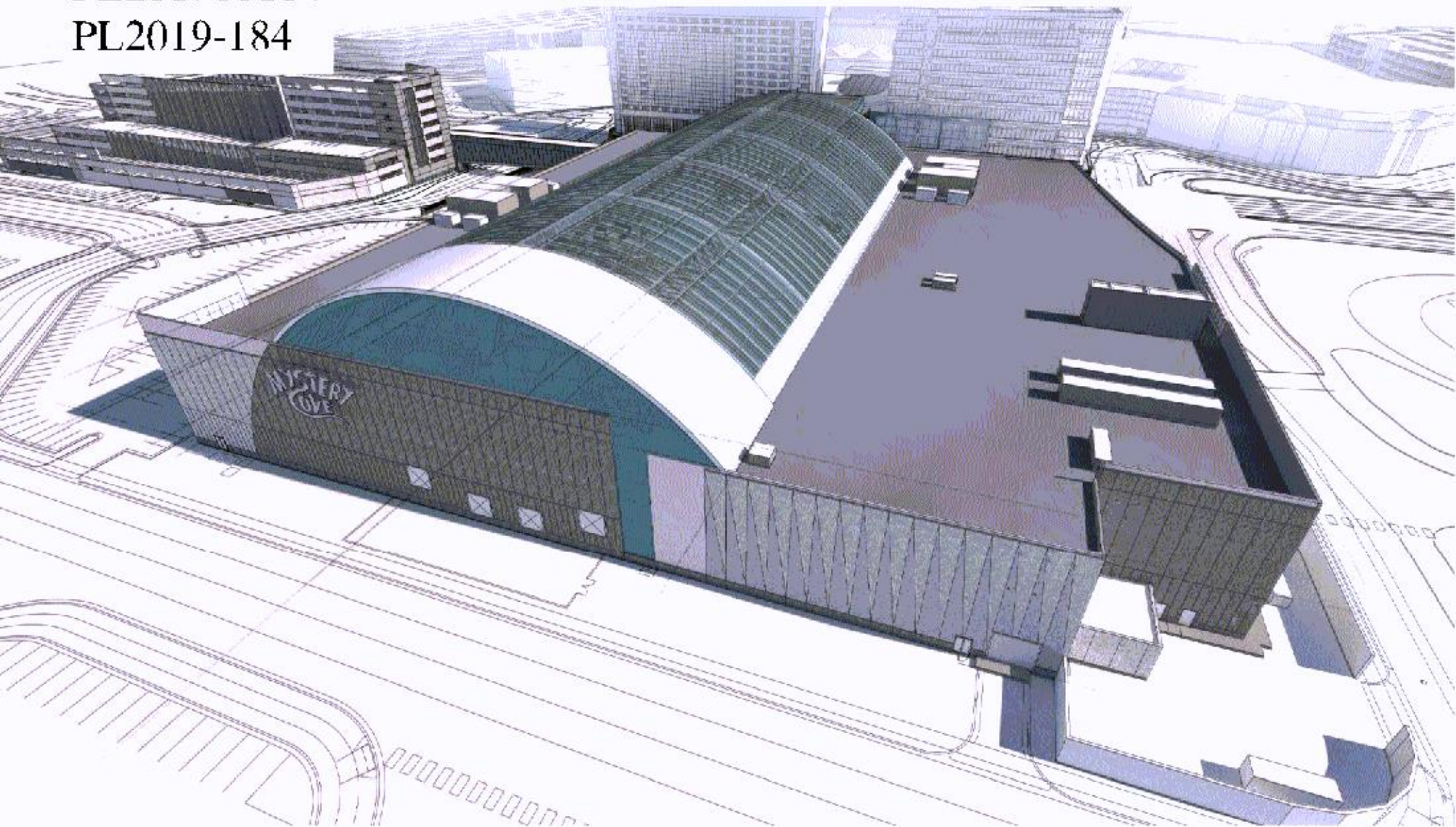
WATERPARK AT SOUTH LOOP
AERIAL VIEW FROM SOUTHWEST

REV SEP NOVEMBER 5TH, 2019

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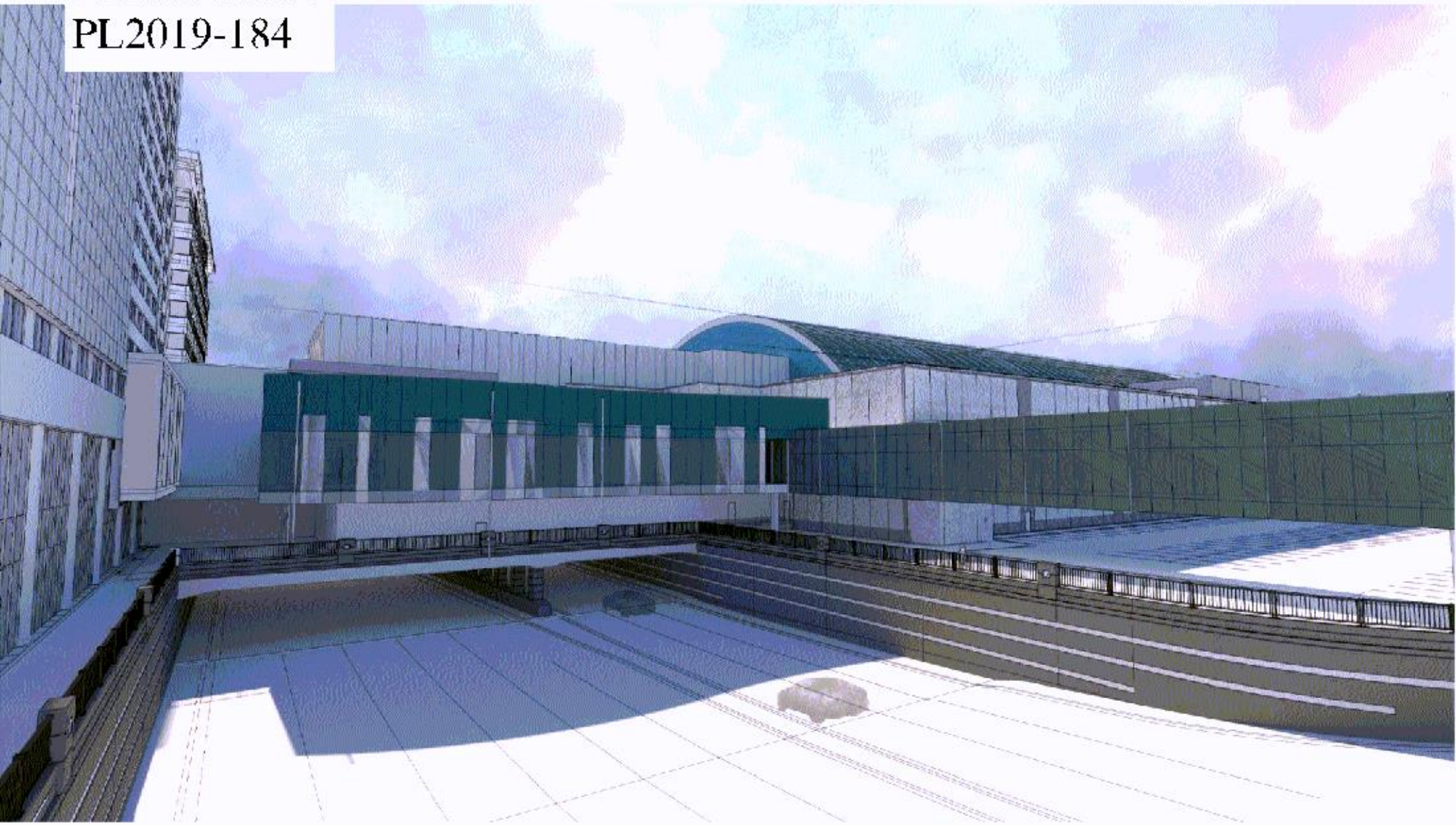
WATERPARK AT SOUTH LOOP
AERIAL VIEW FROM NORTHWEST

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WATERPARK AT SOUTH LOOP

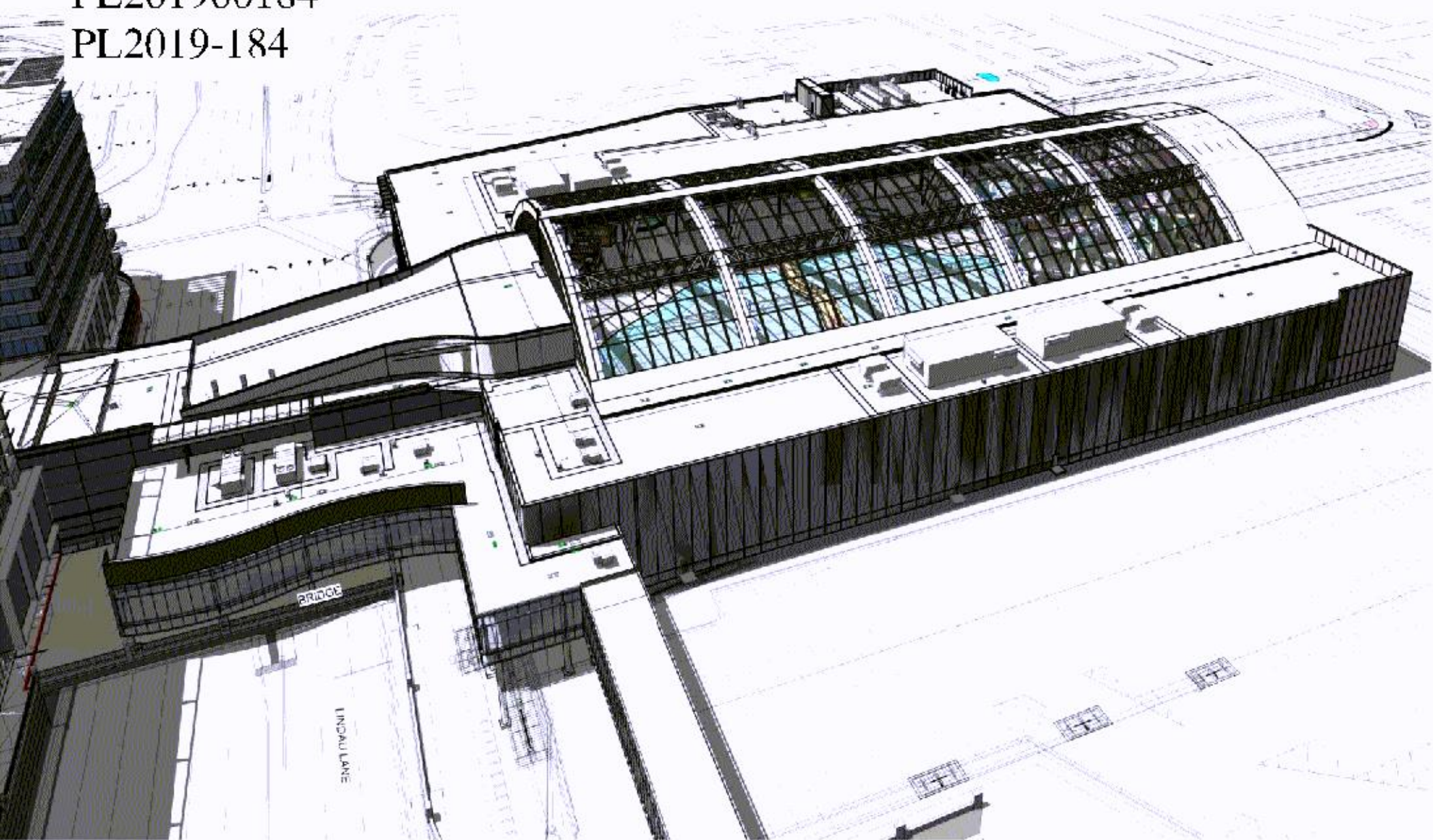
STREET VIEW FROM SOUTHEAST

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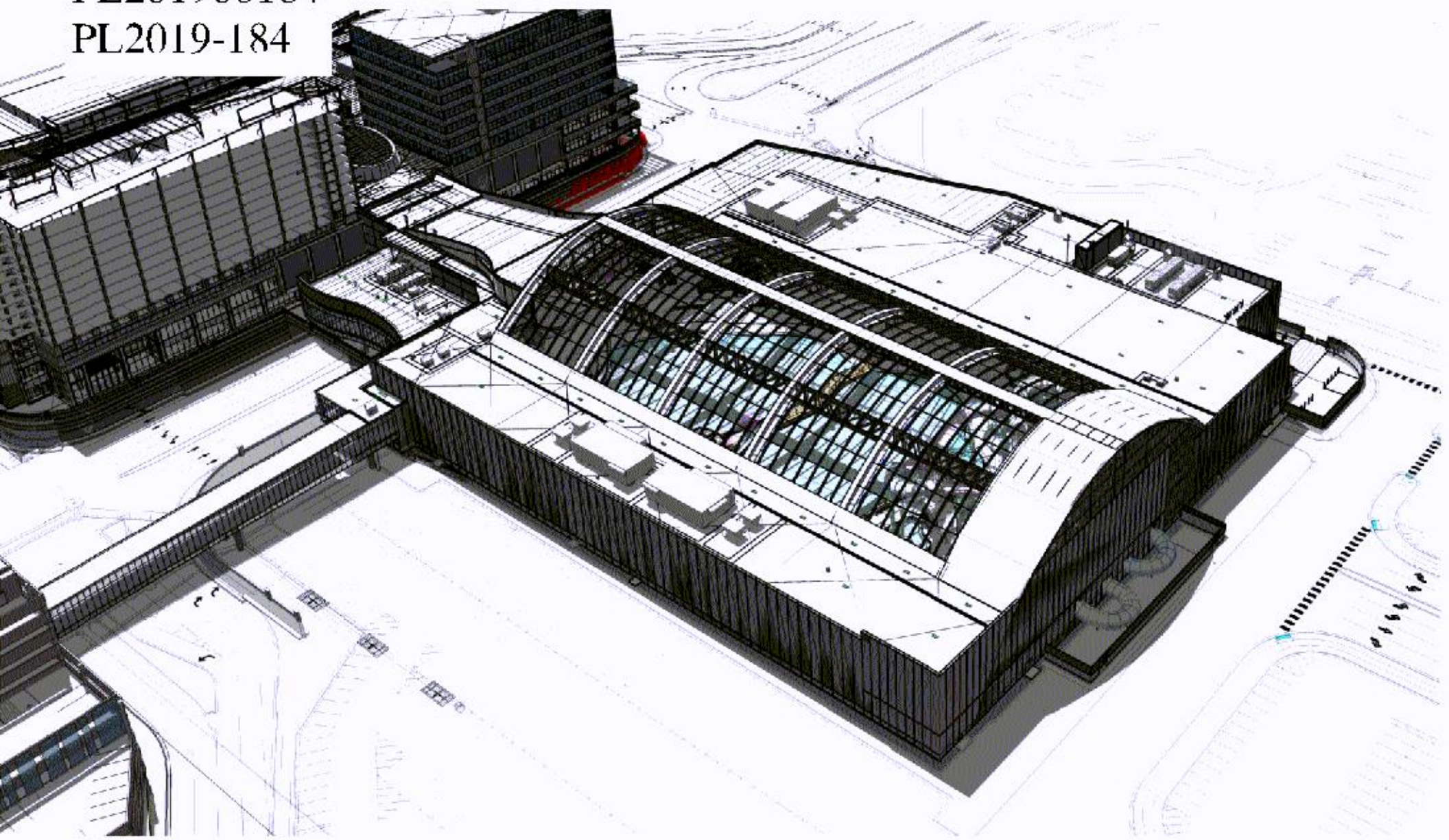
WATERPARK AT SOUTH LOOP
VIEW FROM NORTH WEST

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WATERPARK AT SOUTH LOOP

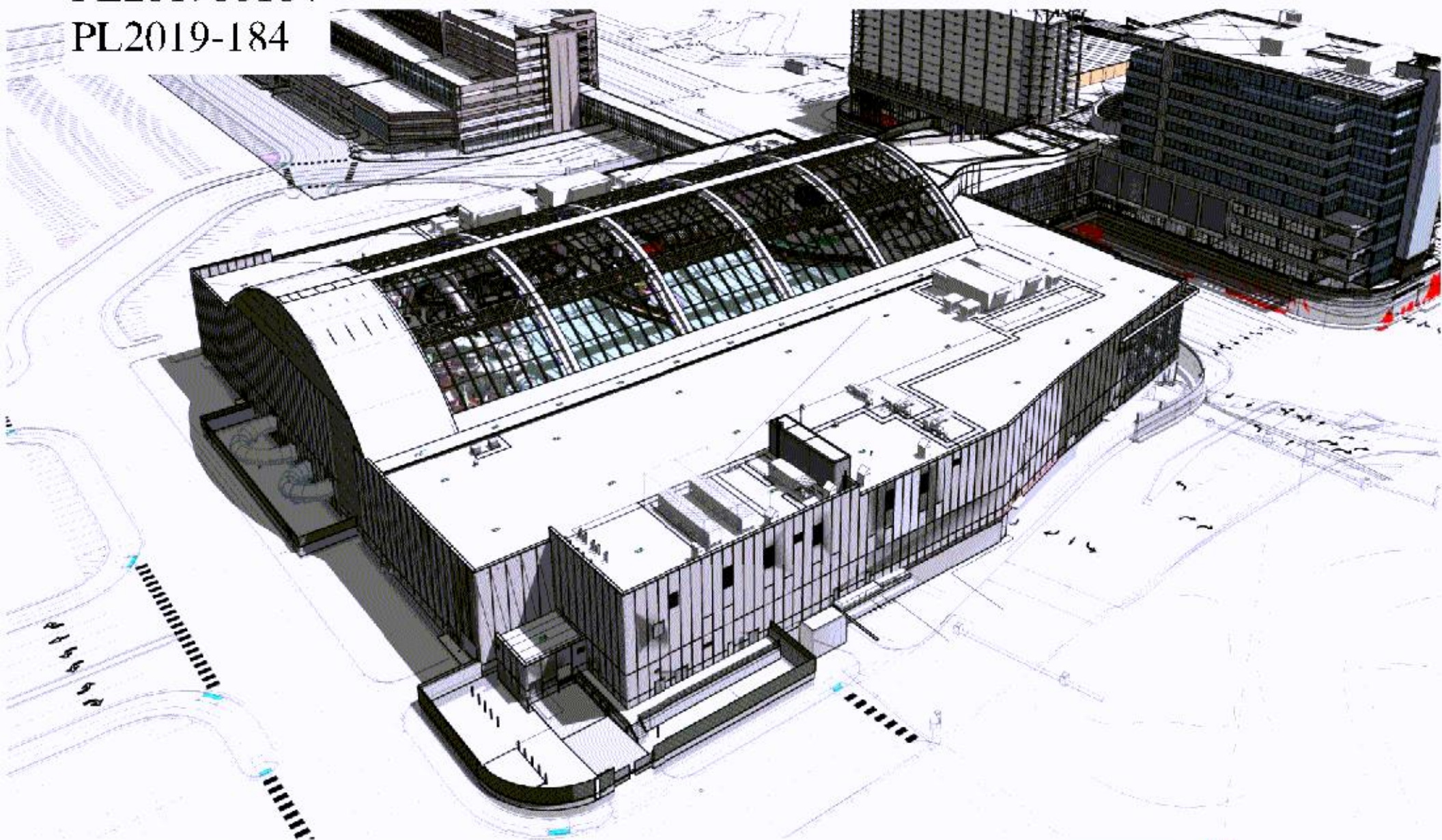
VIEW FROM SOUTH WEST

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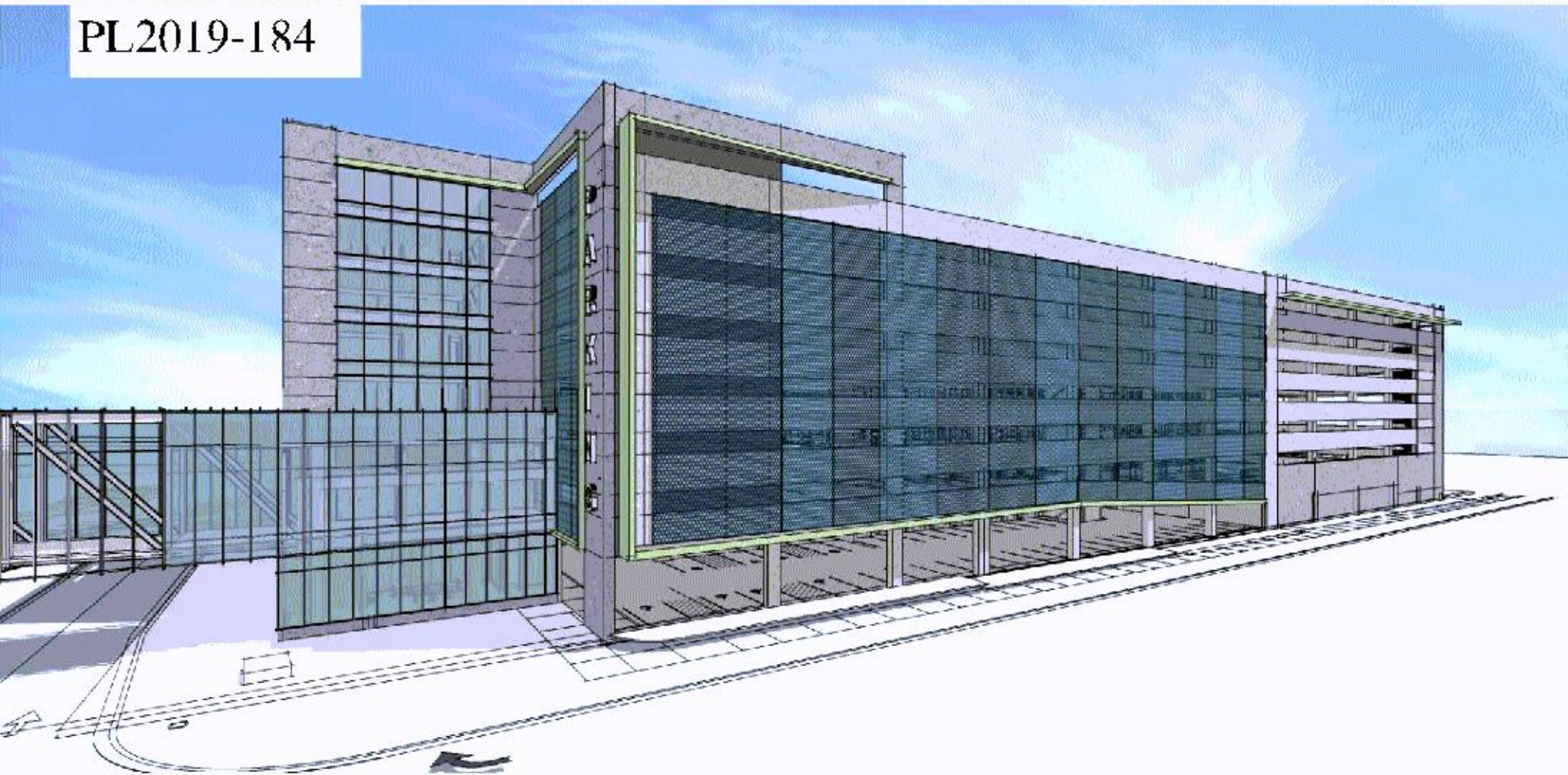
WATERPARK AT SOUTH LOOP
VIEW FROM SOUTHEAST

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WATERPARK AT SOUTH LOOP

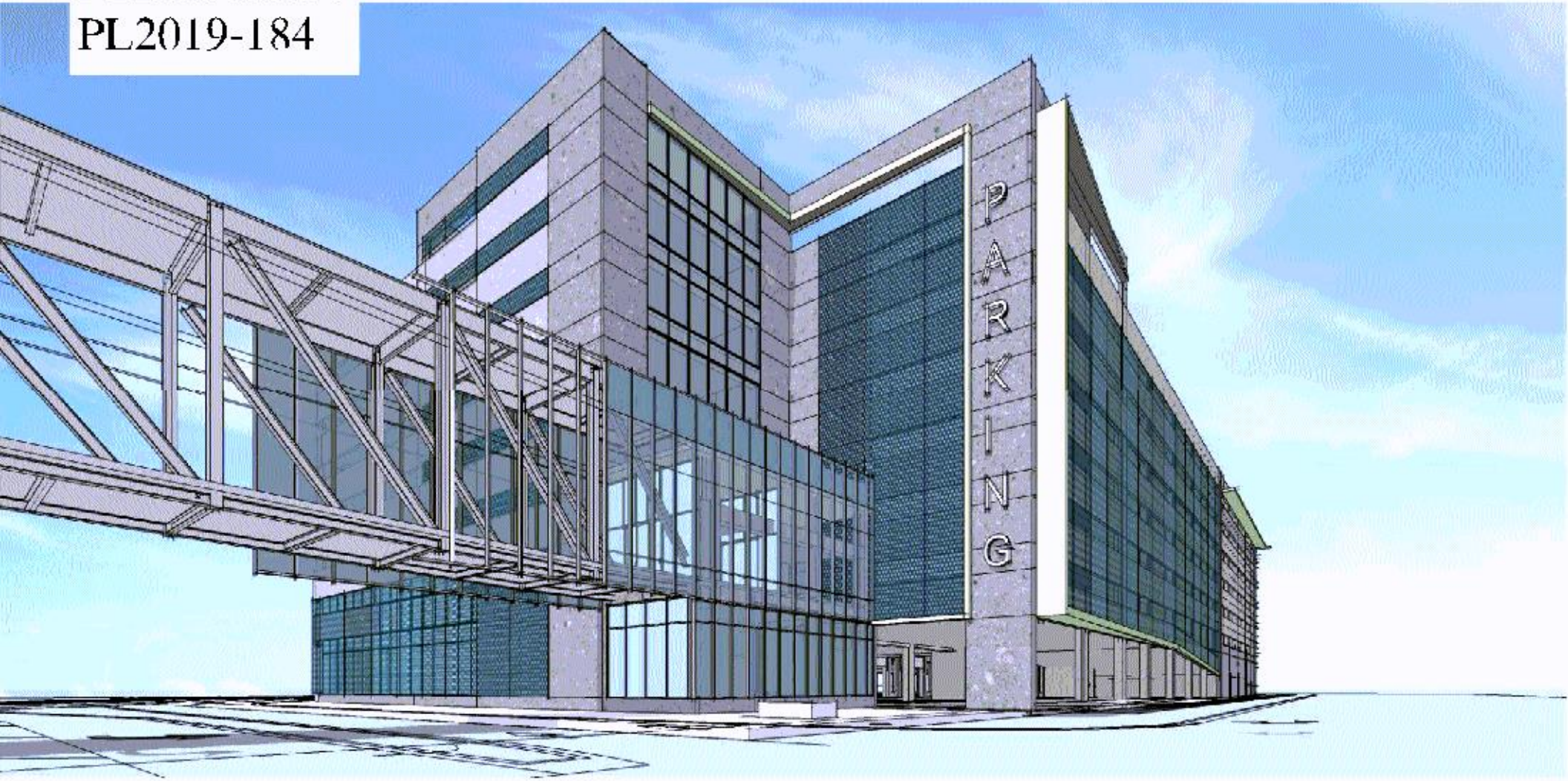
STREET VIEW FROM SOUTHWEST

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WATERPARK AT SOUTH LOOP

VIEW FROM SOUTHWEST

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WATERPARK AT SOUTH LOOP
OVERALL INTERIOR VIEW

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WATERPARK AT SOUTH LOOP
INTERIOR VIEW INTO WATER PARK

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WATERPARK AT SOUTH LOOP
INTERIOR VIEW INTO WATER PARK

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WATERPARK AT SOUTH LOOP
INTERIOR VIEW WITHIN WATER PARK

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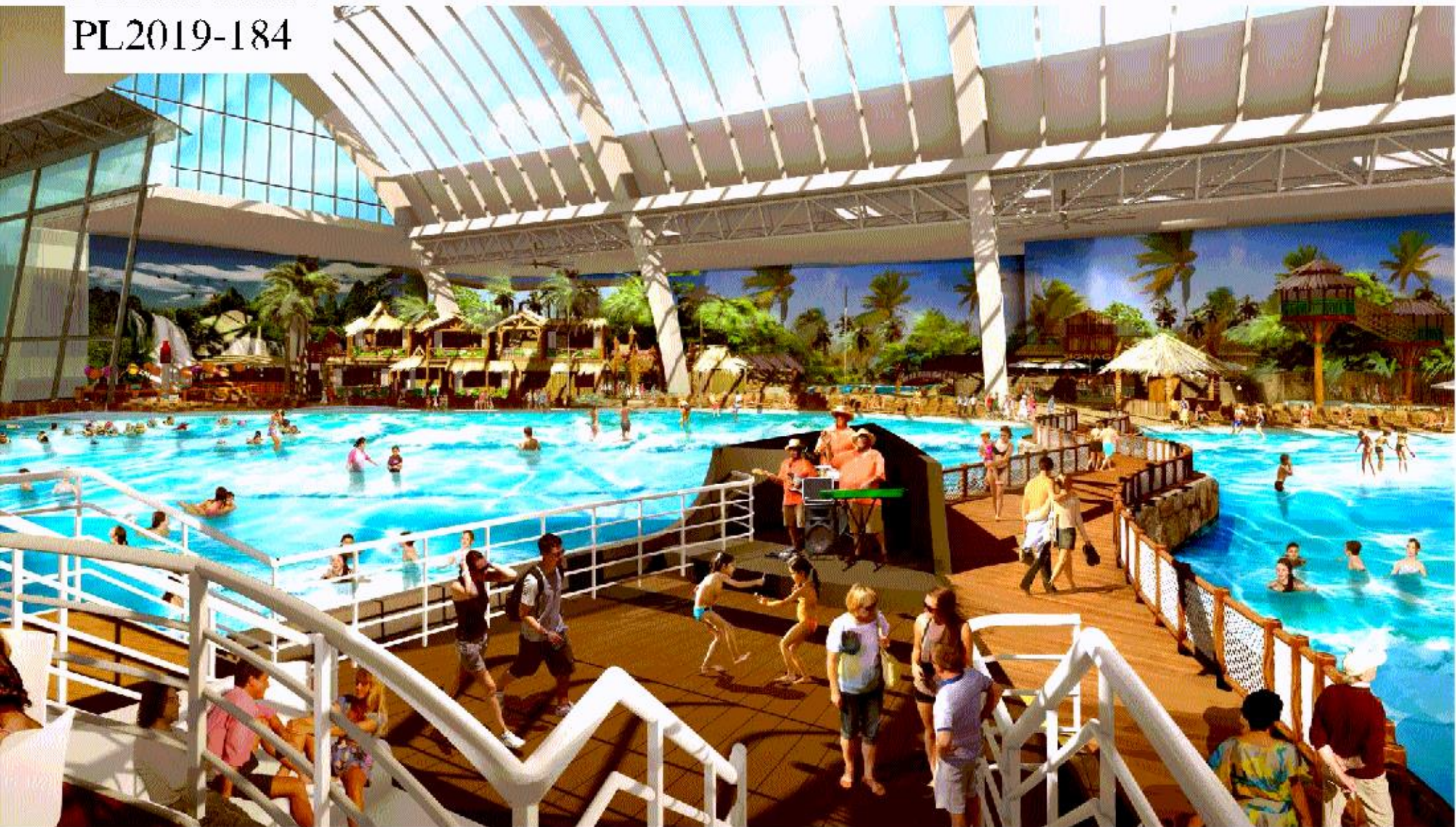
WATERPARK AT SOUTH LOOP
INTERIOR VIEW WITHIN WATER PARK

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WATERPARK AT SOUTH LOOP
INTERIOR VIEW WITHIN WATER PARK

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PLAN

LEGEND

- 1 Change Room (L1)
- 2 Entry Waterfall Feature
- 3 Wave Pool
- 4 Swim Up Bar
- 5 Lazy River
- 6 River Wave Generator
- 7 Activity Pool
- 8 Terraced Spa Pool
- 9 Eureka Reef Slide Complex (Raft, Mat Racers, & Body Slides)
- 10 Peril Peak Slide Complex (Tube & Body Slides)
- 11 Tots Water Play
- 12 Children's Waterplay Structure
- 13 Children's Interactive Waterplay
- 14 Rope Adventure Course
- 15 Twist'N'Splash
- 16 Surf Attraction
- 17 Ship, Stage, Bar, Lounge, Tiki Bar
- 18 Wave Pool Backdrop (Waterfalls, Deck Seating)
- 19 Media Screen
- 20 Multi Level Cabanas
- 21 Cabanas
- 22 Deck Seating
- 23 Food & Beverage
- 24 Retail Kiosk
- 25 Washrooms
- 26 Wayfinding Icon
- 27 Guest Service and Towel Exchange
- 28 Party / Rental Deck



WATERPARK AT SOUTH LOOP

POOL HALL

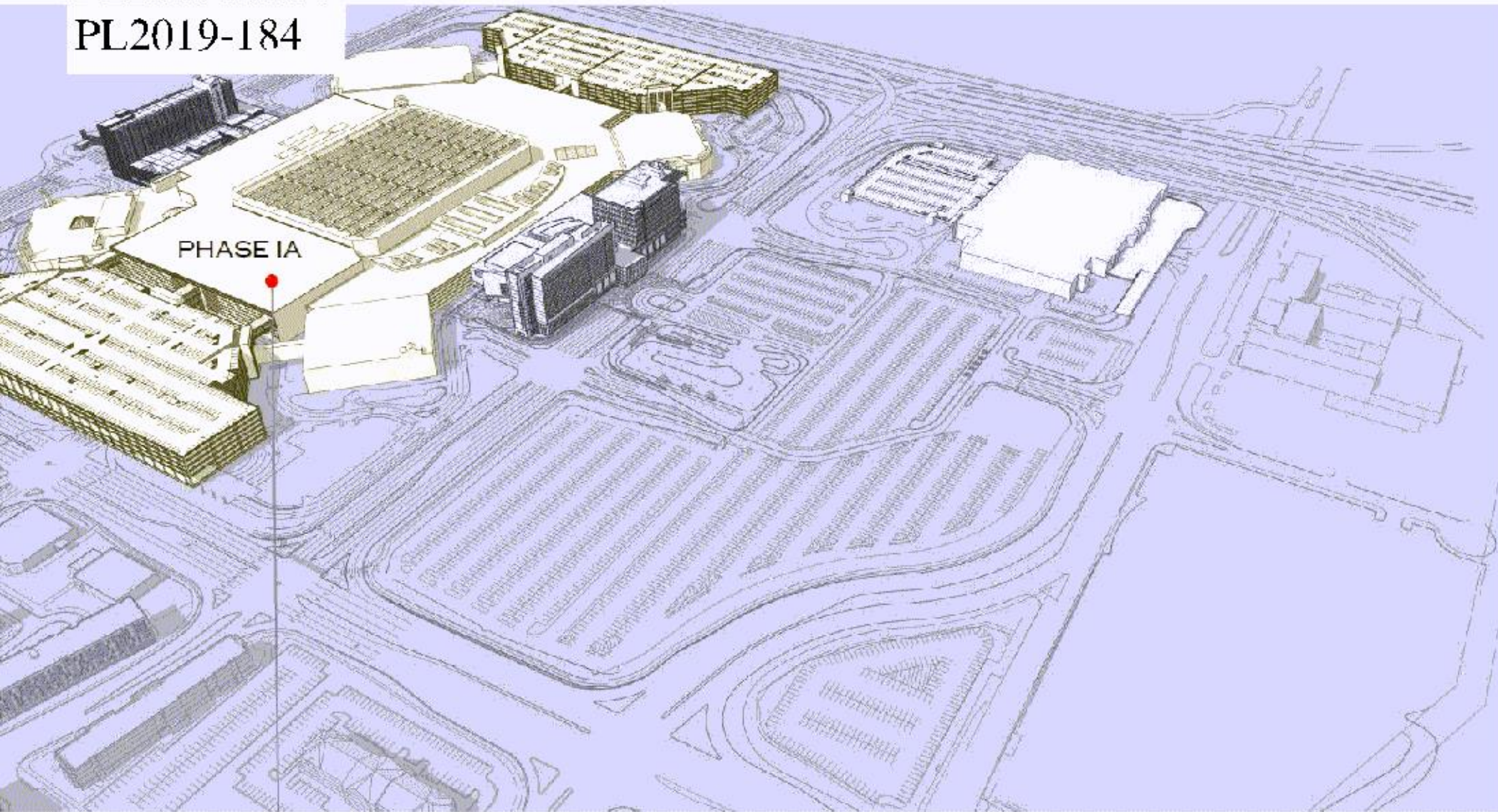
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PHASE IA

PRIMARY MALL

WATERPARK AT SOUTH LOOP

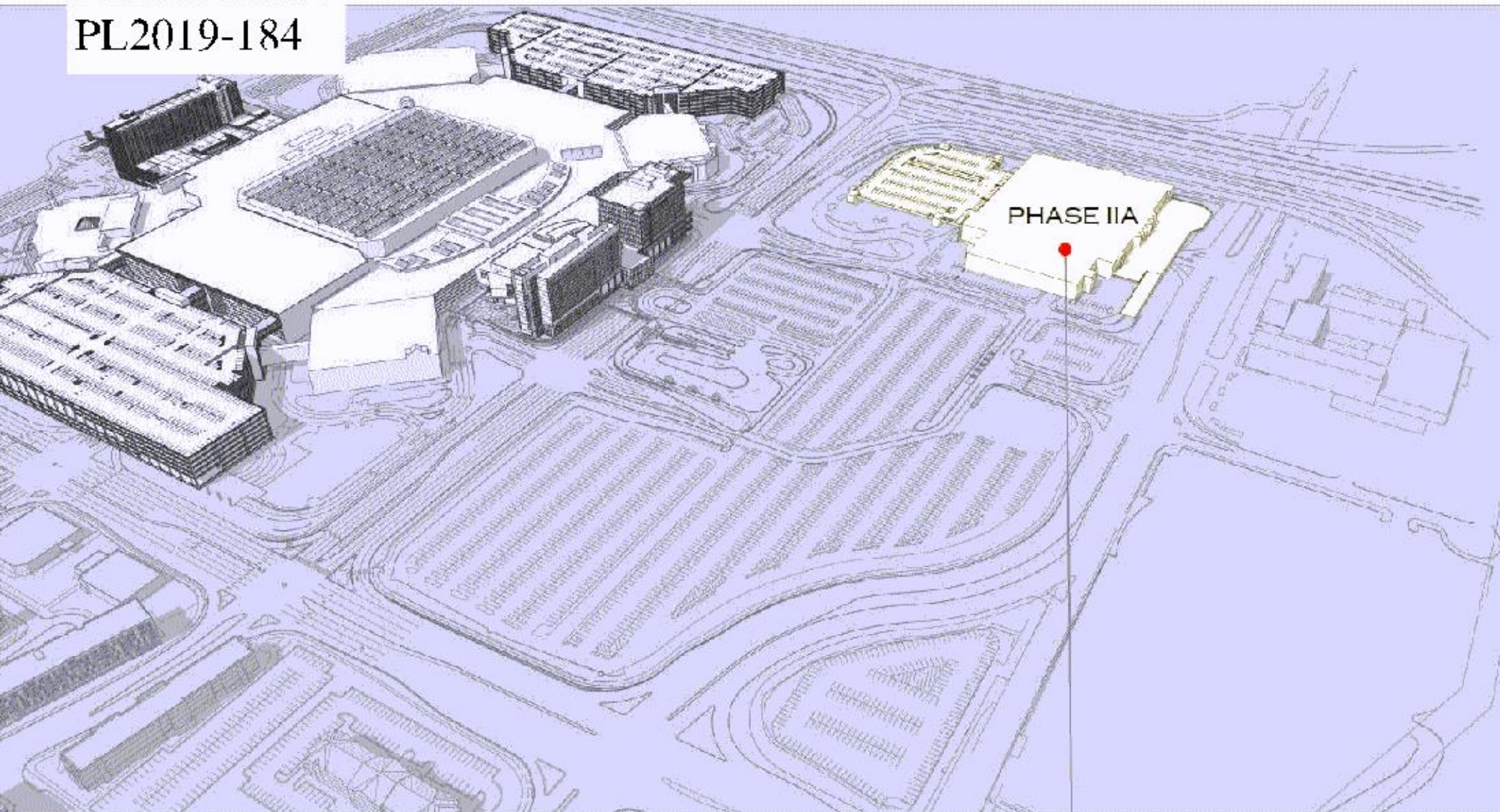
PHASE IA

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PHASE IIA

IKEA

WATERPARK AT SOUTH LOOP

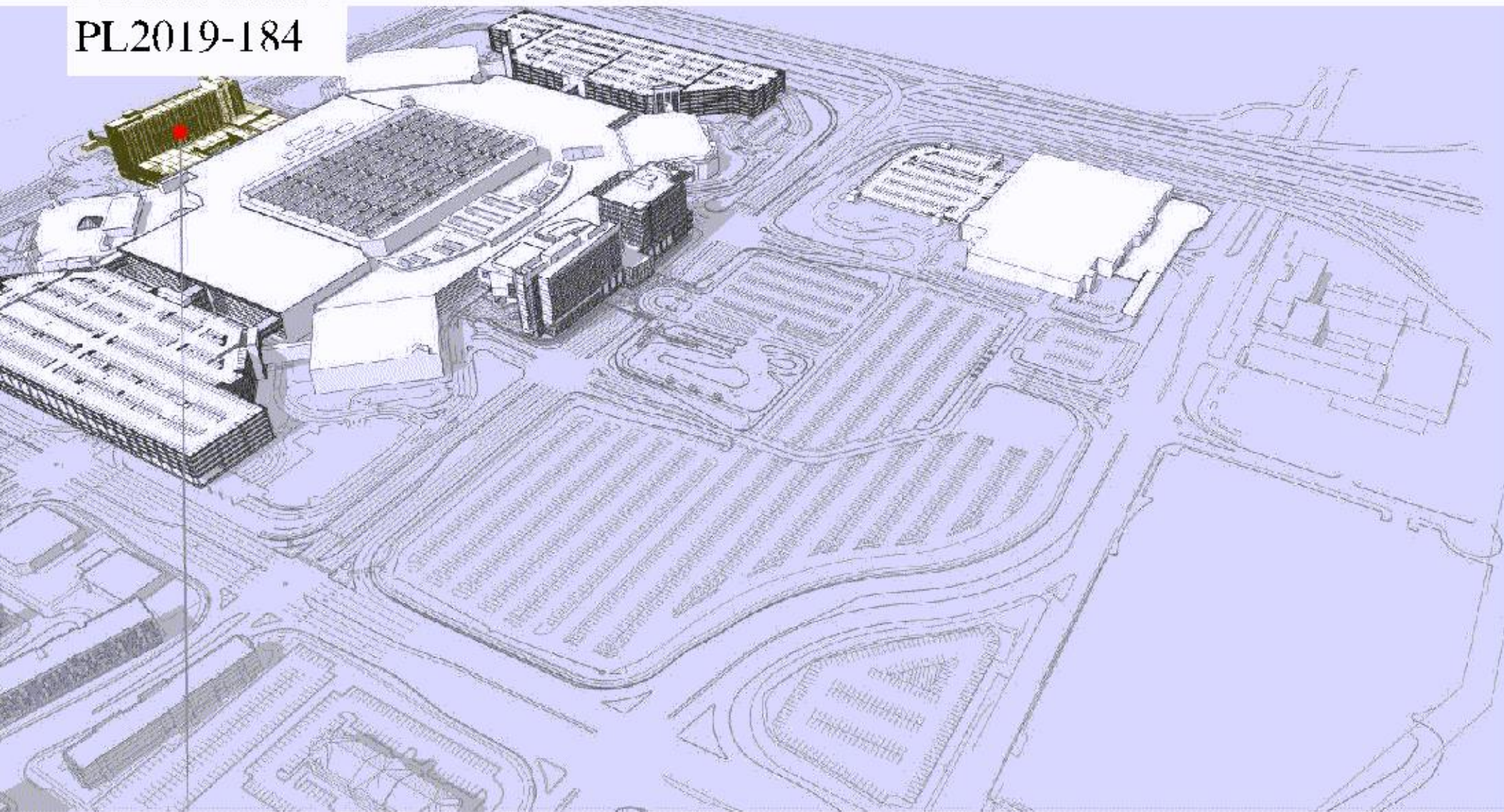
PHASE IIA

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RADISSON BLU

WATERPARK AT SOUTH LOOP

PHASE 1B

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3-STORY MALL EXPANSION
(2 LEVELS UNDERGROUND PARKING)

JW MARRIOTT CLASS "A" OFFICE

WATERPARK AT SOUTH LOOP

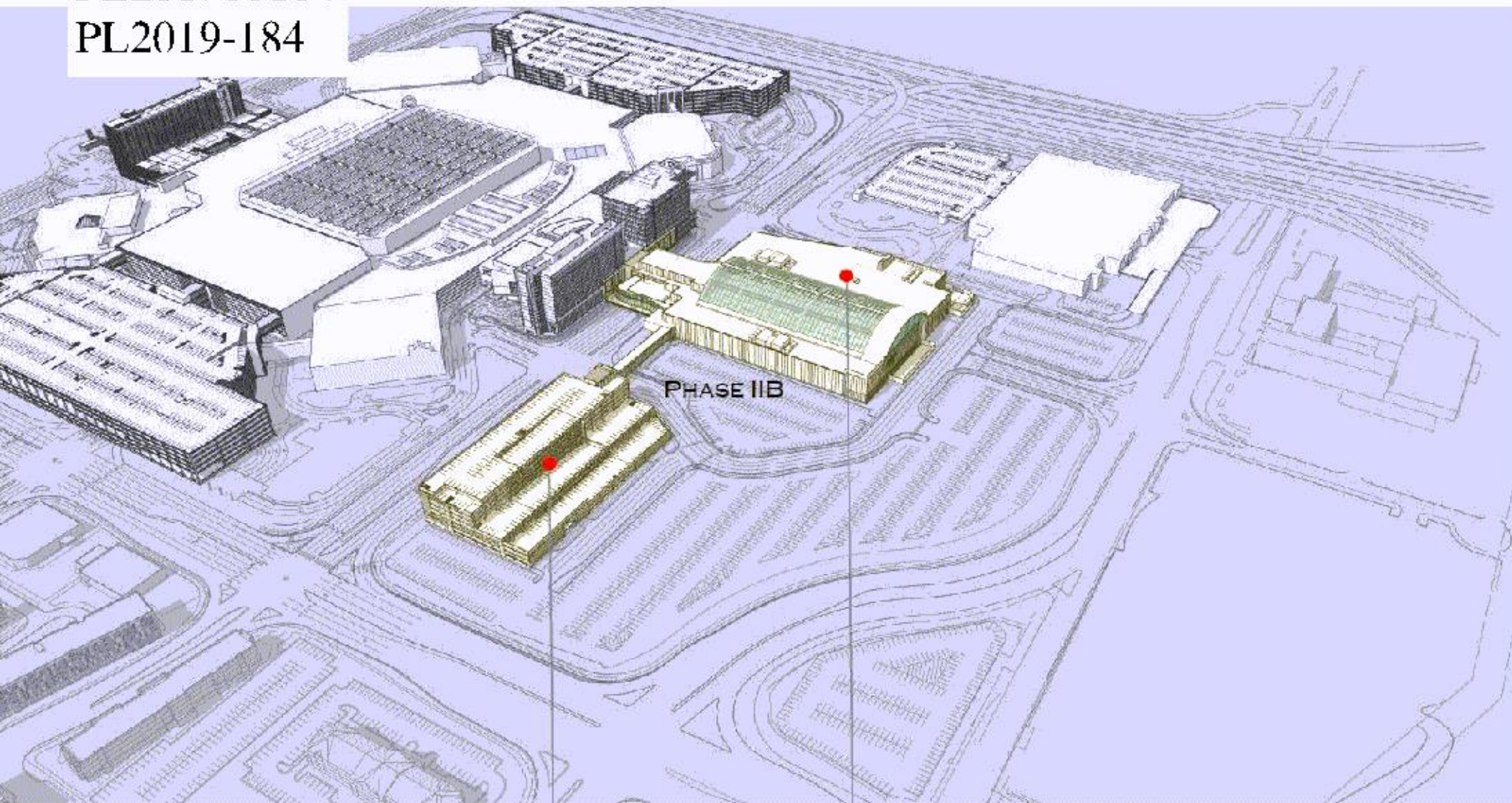
PHASE IC

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PARKING DECK
(WITH CONNECTING SKYWAY)

WATERPARK

WATERPARK AT SOUTH LOOP

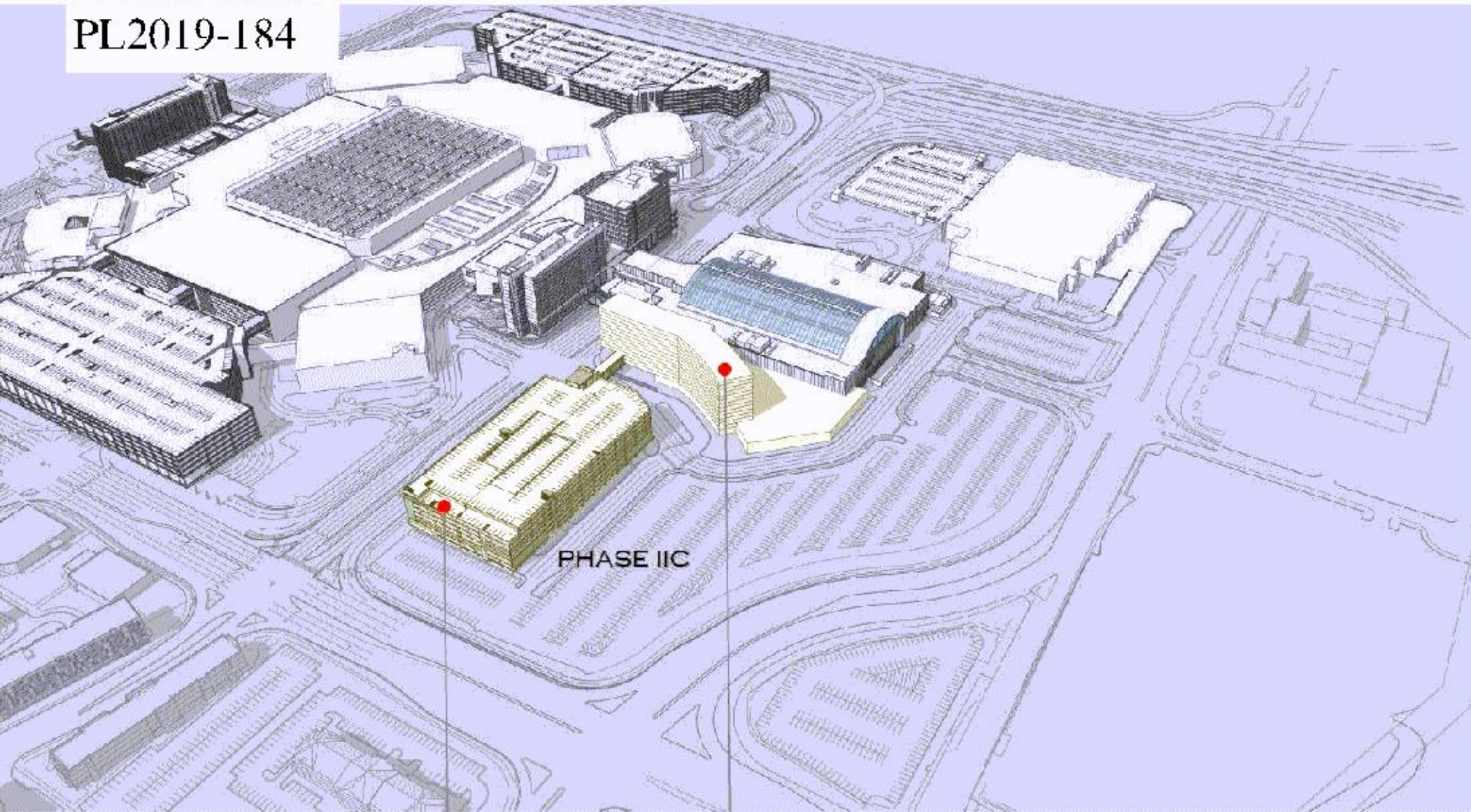
PHASE IIB

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PARKING DECK EXPANSION

WATERPARK HOTEL

WATERPARK AT SOUTH LOOP

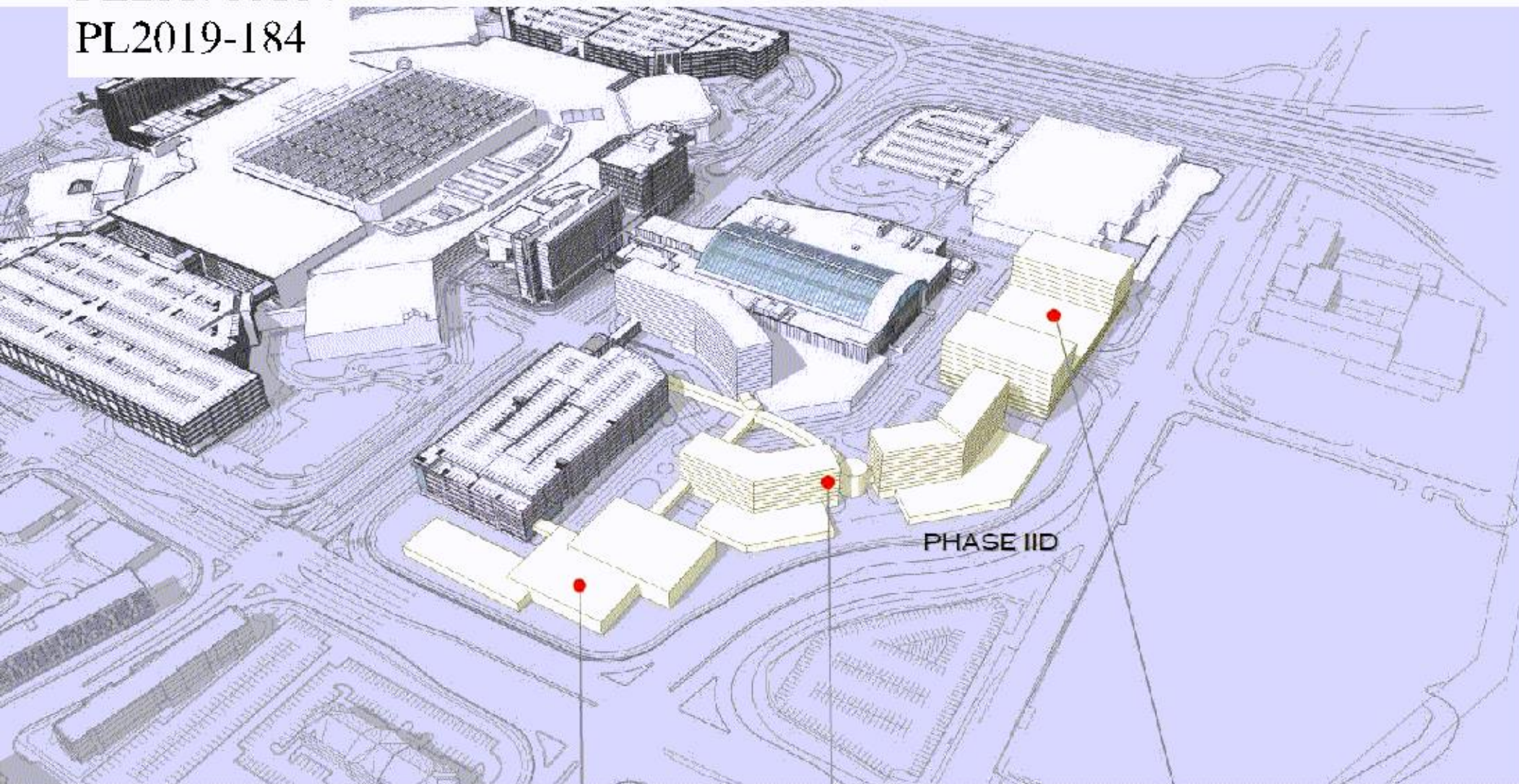
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ENTERTAINMENT
VENUE

HOTEL COMPLEX
WITH EVENT SPACES

MULTILEVEL OFFICE CAMPUS
DEVELOPMENT AND PARKING
STRUCTURE

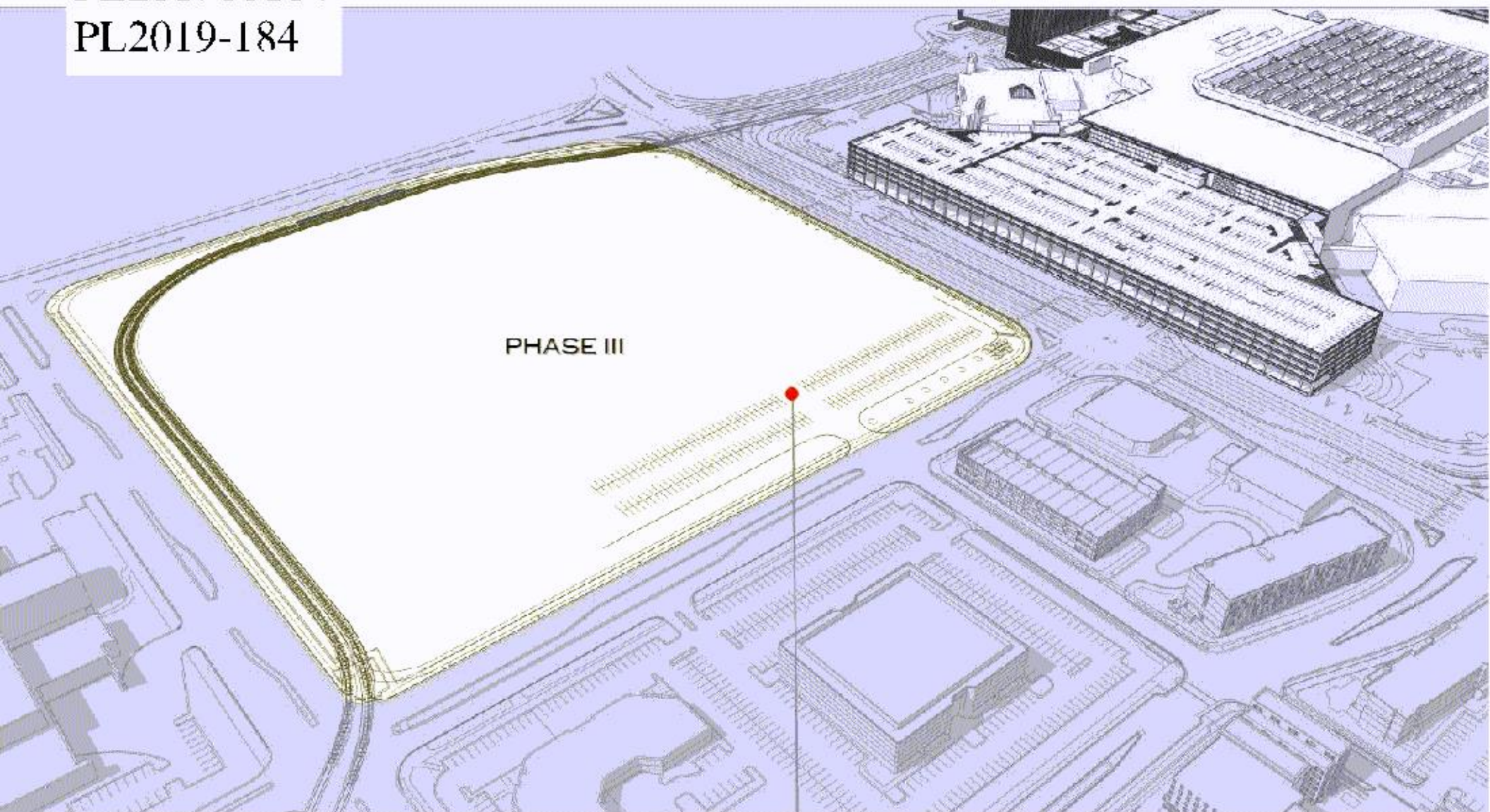
WATERPARK AT SOUTH LOOP
PHASE IID

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PHASE III

192 PARKING SPACES

WATERPARK AT SOUTH LOOP

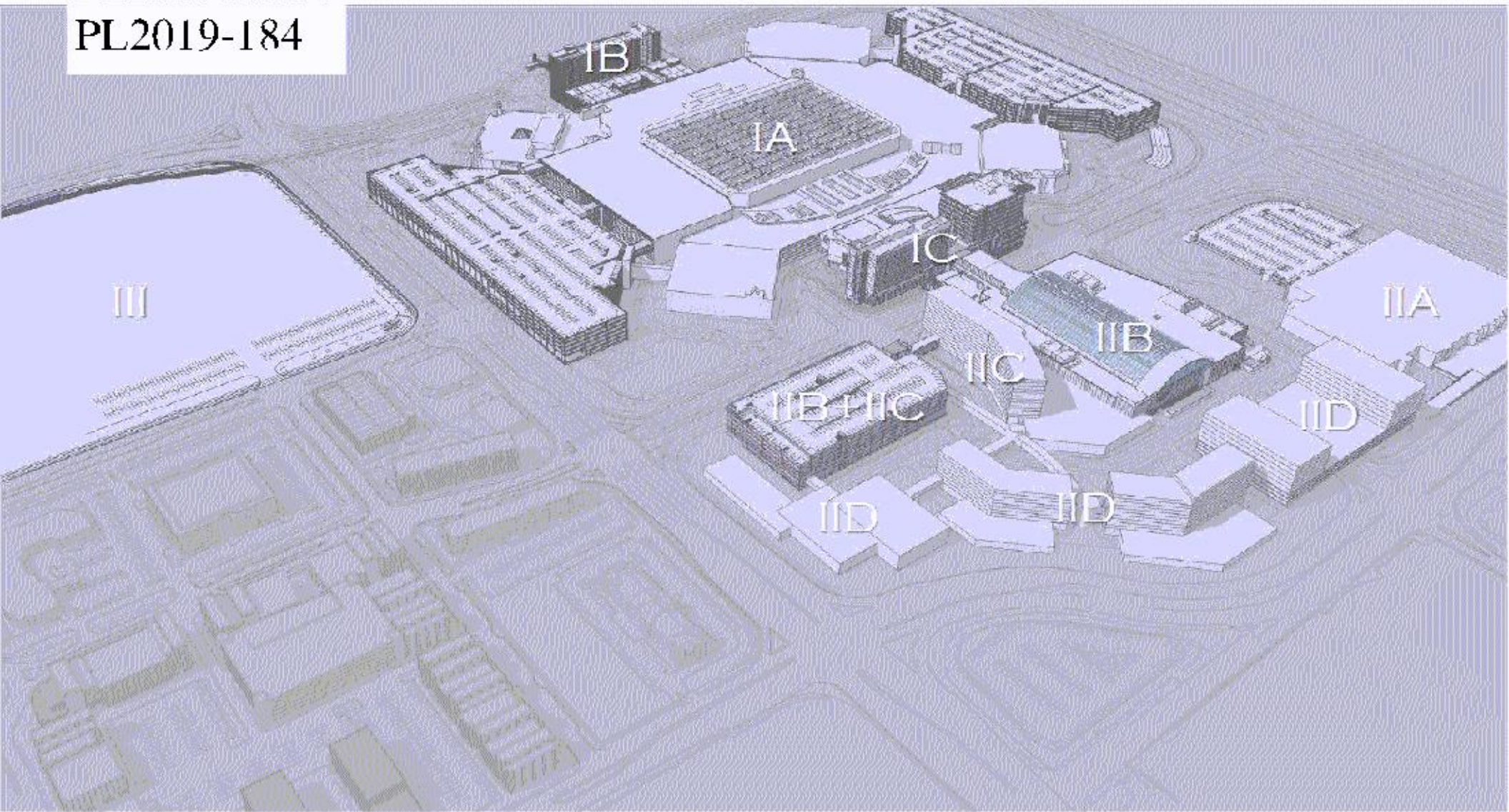
PHASE III

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WATERPARK AT SOUTH LOOP
OVERALL SITE

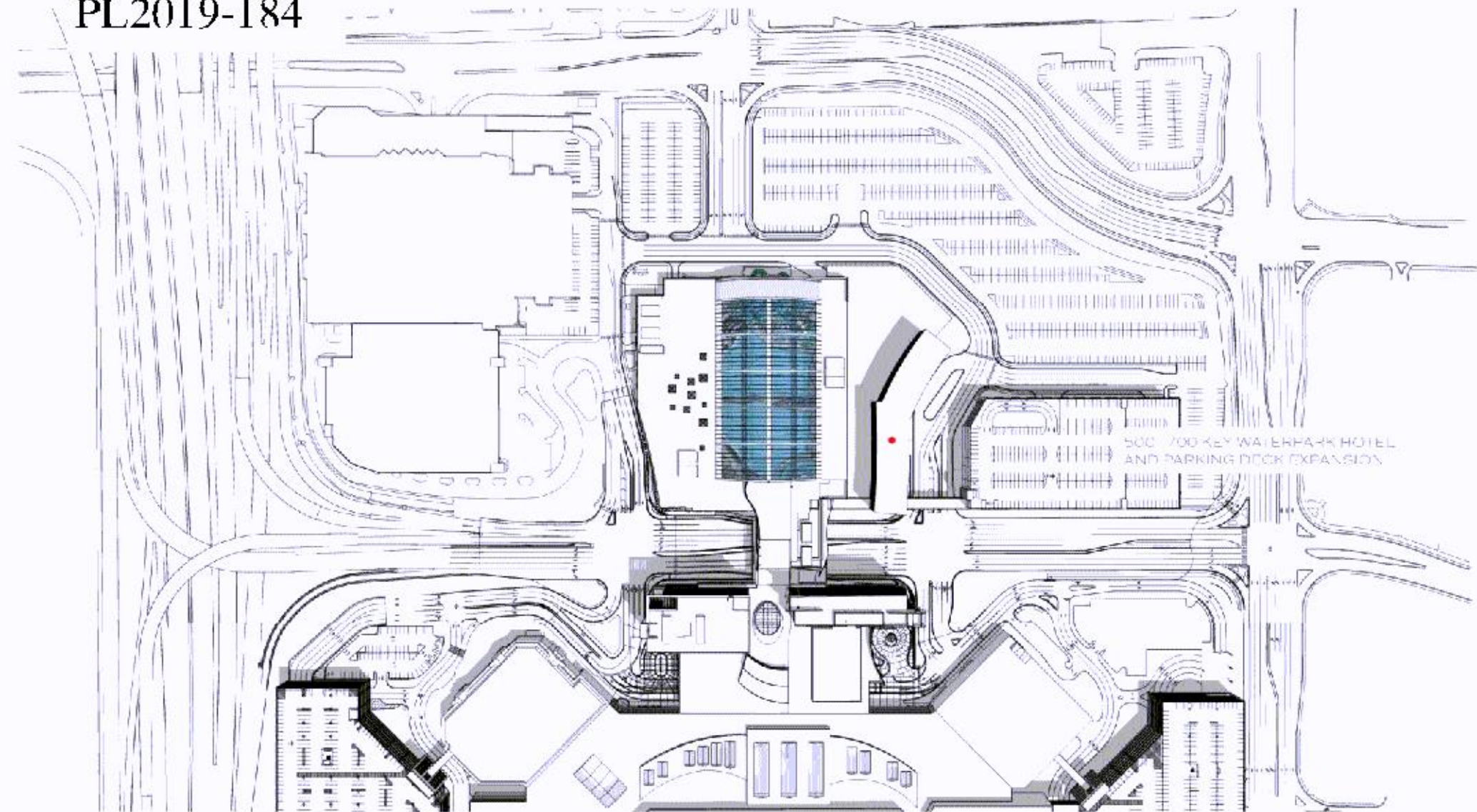
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WATERPARK AT SOUTH LOOP

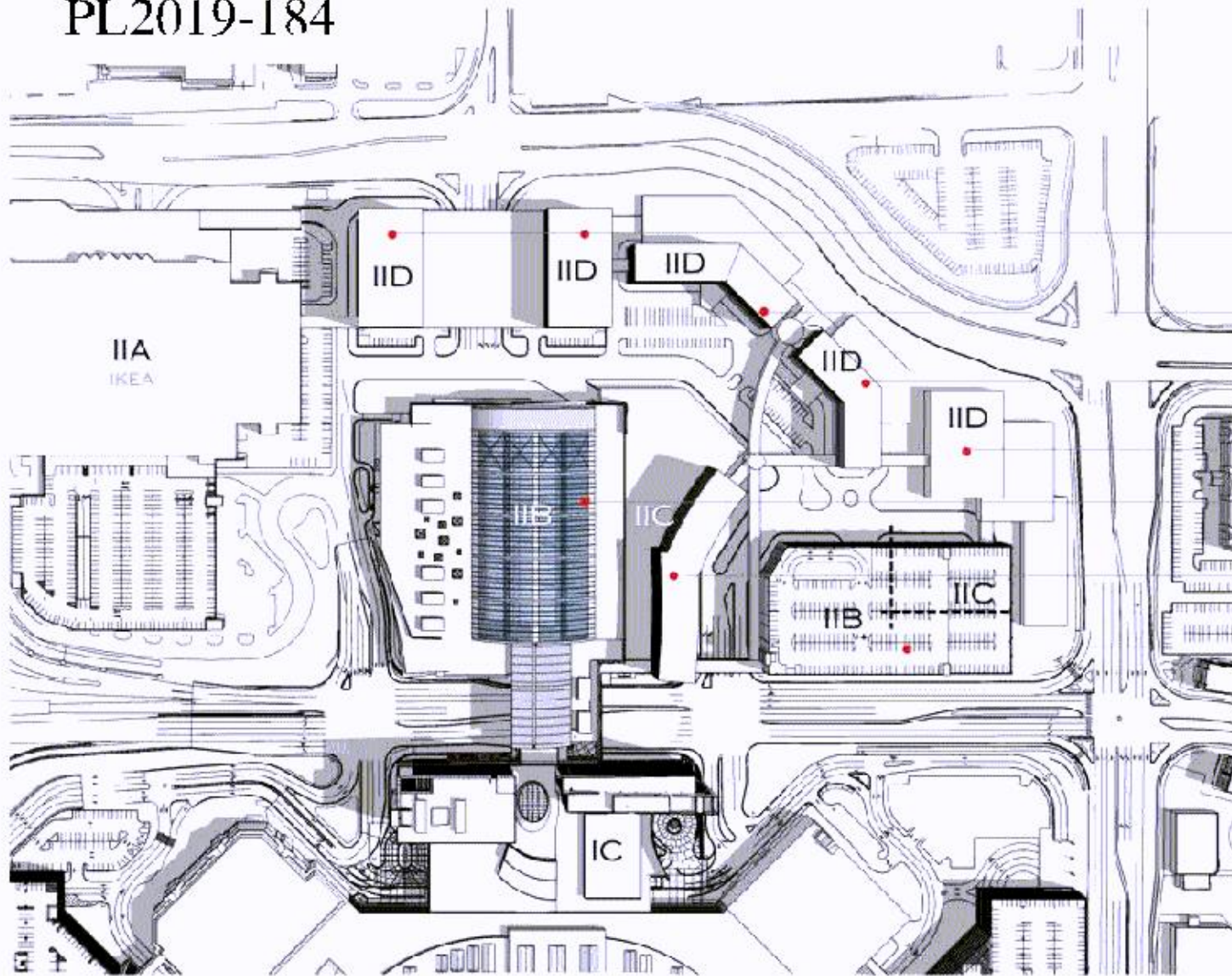
PHASE IIC - HOTEL

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400,000 SF TOTAL SIX-LEVEL OFFICE
TOWERS OVER FOUR-LEVEL 1400 SPACE
PARKING DECK PLUS GRADE LEVEL

260,000 SF 500 KEY 9 TO 10 - STORY HOTEL
OVER 18' PODIUM OVER UG PARKING

200,000 SF 300 KEY 8 - STORY HOTEL
OVER 18' PODIUM OVER UG PARKING

200,000 SF MULTIPLEX FACILITY

320,000 SF WATERPARK

500 - 700 KEY WATERPARK HOTEL

EAST PARKING DECK

WATERPARK AT SOUTH LOOP

PHASE IID - MOA

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GUIDING PRINCIPLES

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TO ESTABLISH

- TO ESTABLISH GUIDELINES FOR THE FUTURE EXPANSION OF MOA ALLOWING FOR FLEXIBILITY OF EXECUTION AND EXPRESSION OF CORPORATE IDENTITY WITHIN A PHYSICALLY, FUNCTIONALLY, AND VISUALLY INTEGRATED FRAMEWORK, OR "FABRIC" COMPLEMENTING THE EXISTING MOA.

GUIDING PRINCIPLES

- SKYWAY / ATRIUM UNIFYING ELEMENT
- "BASE" DESIGN CONCEPT
- INTEGRATED PARKING DECKS
- VERTICAL / HORIZONTAL BALANCE
- TRADITIONAL / CONTEMPORARY BLEND
- ENTRY POINT PROMINENCE
- VIBRANCY OF COLORS AND MATERIALS
- CIRCULATION INTEGRATION
- ENVIRONMENTAL INTEGRATION

PURPOSE:

To establish guidelines for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

The MOA Phase II concept is produced upon developing a framework for future development in response to contemporary marketing strategies in an integrated, integrated, integrated manner.

Skyway/Atrium Unifying Elements:

1. Provide a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Skyway Experience:

2. The Skyway/Atrium structure is designed to provide a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

"Base" Design Concept:

3. Base design concept is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Integrated Parking Decks:

4. Integrated parking decks are designed to provide a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Vertical/Horizontal Balance:

5. Vertical/horizontal balance is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Traditional/Contemporary Blend:

6. Traditional/contemporary blend is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Entry Point Prominence:

7. Entry point prominence is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Vibrancy of Materials/Colors:

8. Vibrancy of materials/colors is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Circulation Integration:

9. Circulation integration is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

Environmental Integration:

10. Environmental integration is a unified structure for the future expansion of the MOA allowing for flexibility of execution and expression of corporate identity within a physically, functionally, and visually integrated framework or fabric complementing the existing MOA.

URBAN DESIGN GUIDELINE PLAN

"BASE" DESIGN CONCEPT - INTEGRATED PARKING DECKS

PRINCIPLES 3&4

2006 URBAN DESIGN GUIDELINE PLAN

ENTRY POINT PROMINENCE

PRINCIPLE 7

WATERPARK AT SOUTH LOOP

GUIDING PRINCIPLES

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PLANS / MATERIALS / ELEVATIONS



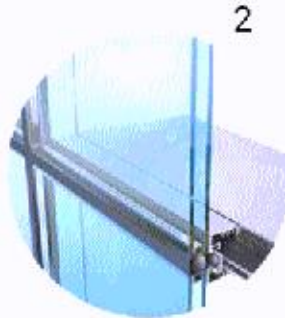
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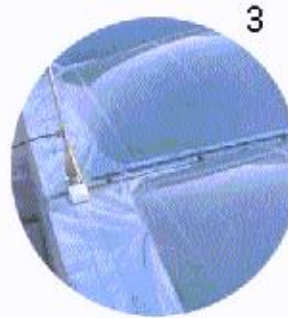
ALUM CLADDED
SUNSHADE



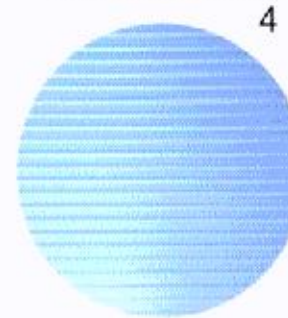
BUTT GLAZED ALUM
CURTAIN WALL SYSTEM



ETFE CUSHION
ROOF SYSTEM



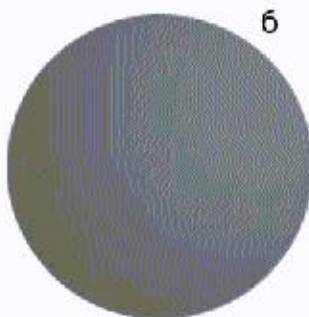
TRANSLUCENT WALL PANEL
SYSTEM CLIPPED TO STEEL
SUPPORT BEYOND



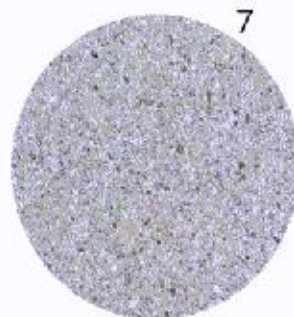
RIBBED PVC
ROOF SYSTEM



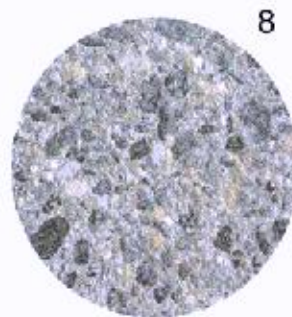
PREFIN INSULATED
METAL WALL PANEL



PRECAST WALL PANEL
FINISH A



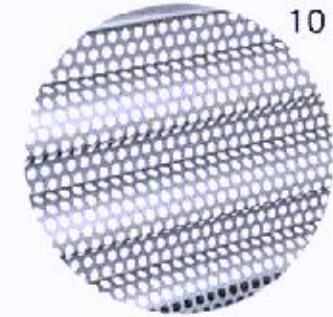
PRECAST WALL PANEL
FINISH B



PRECAST WALL PANEL
FINISH C



CUSTOM PERFORATED
ALUMINUM PANEL



WATERPARK AT SOUTH LOOP

MATERIALS

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1 PANEL
CLAD STEEL
AND
4

ALUM CLADDED
SUNSHADE

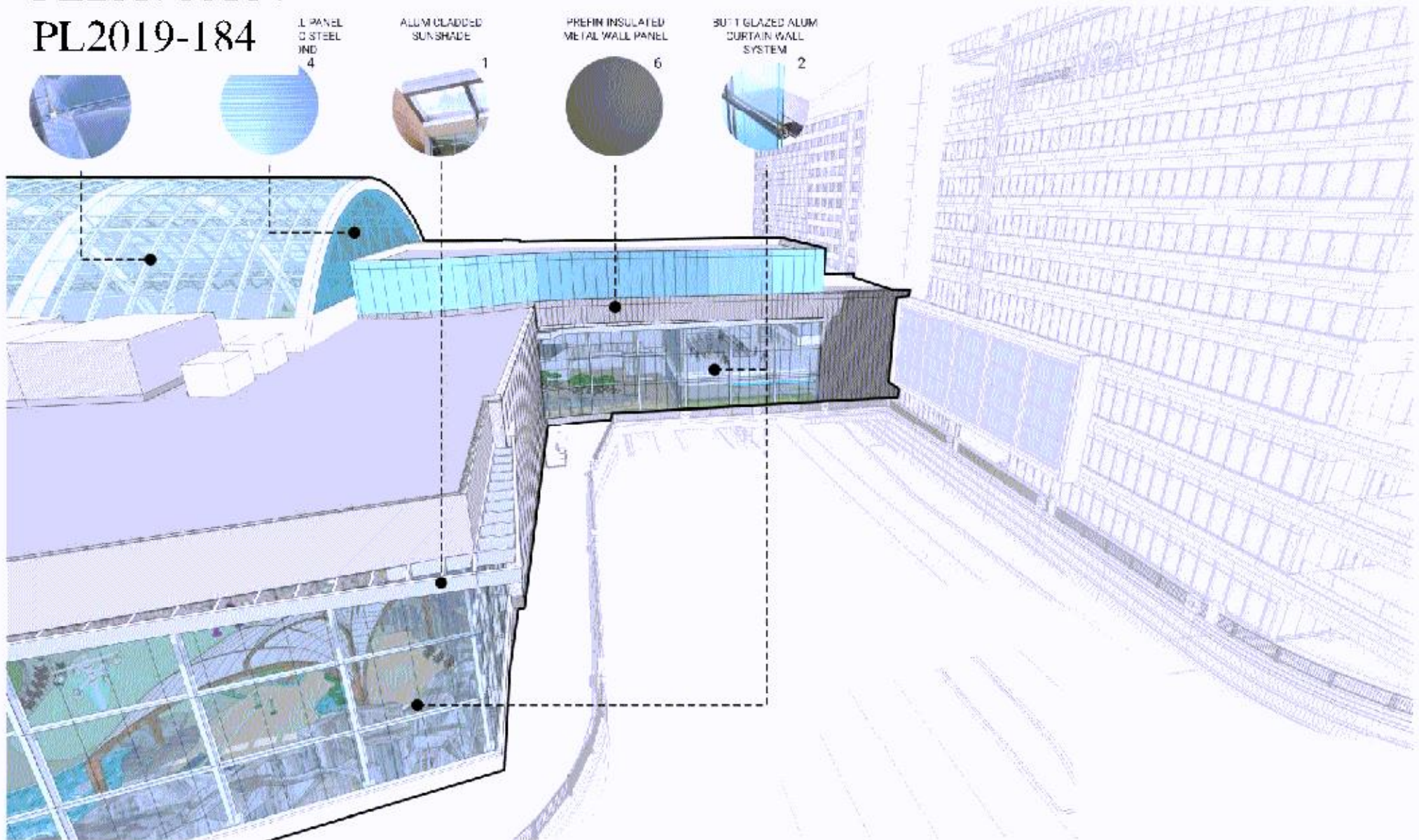
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PREFIN INSULATED
METAL WALL PANEL

6

BUTT GLAZED ALUM
CURTAIN WALL
SYSTEM

2



WATERPARK AT SOUTH LOOP

MATERIALS

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RIBBED PVC
ROOF SYSTEM

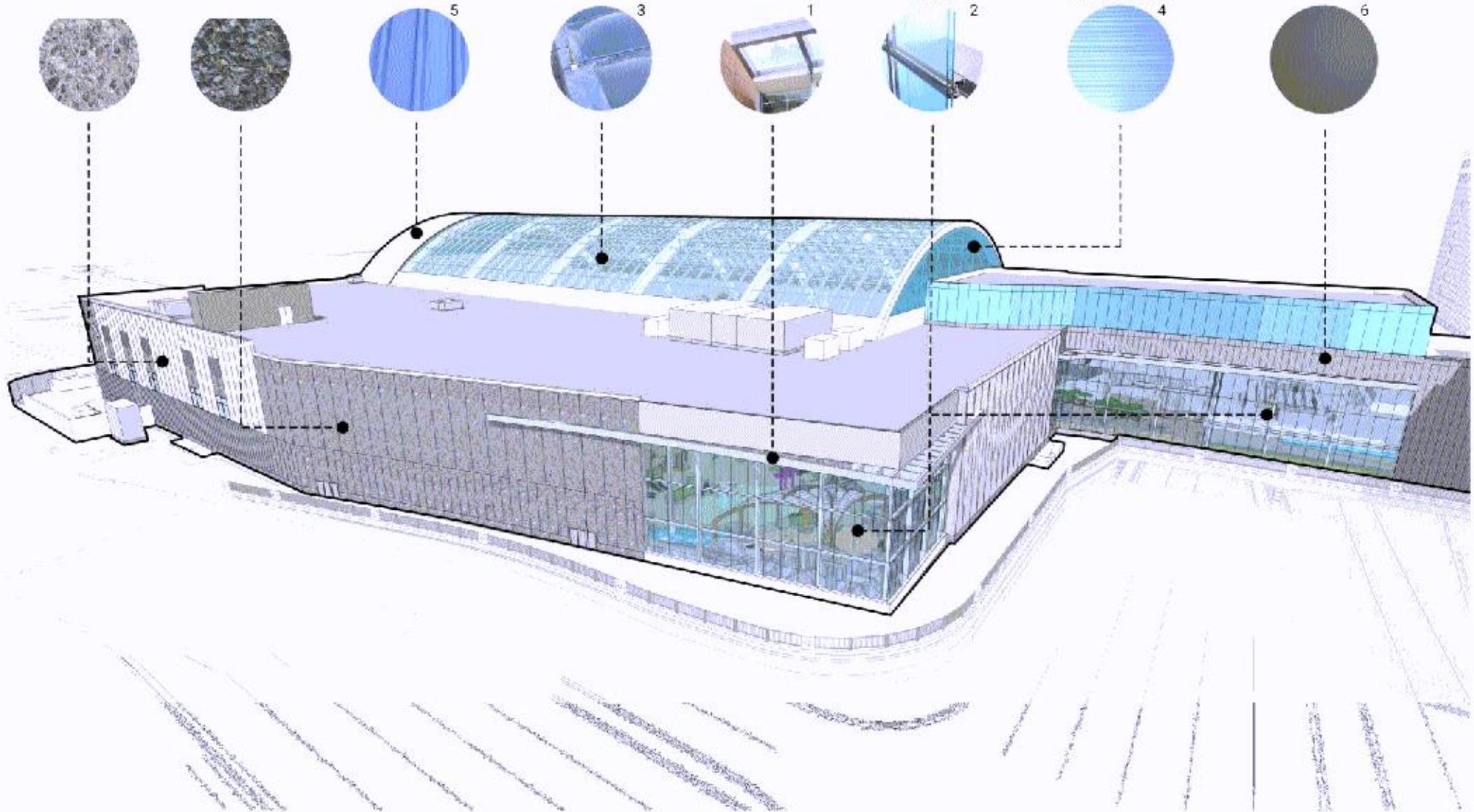
ETFE CUSHION
ROOF SYSTEM

ALUM. CLADDED
SUNSHADE

BUTT GLAZED ALUM.
CURTAIN WALL
SYSTEM

TRANSLUCENT WALL PANEL
SYSTEM CLIPPED TO STEEL
SUPPORT BEYOND

PREFIN. INSULATED
METAL WALL PANEL



WATERPARK AT SOUTH LOOP

MATERIALS

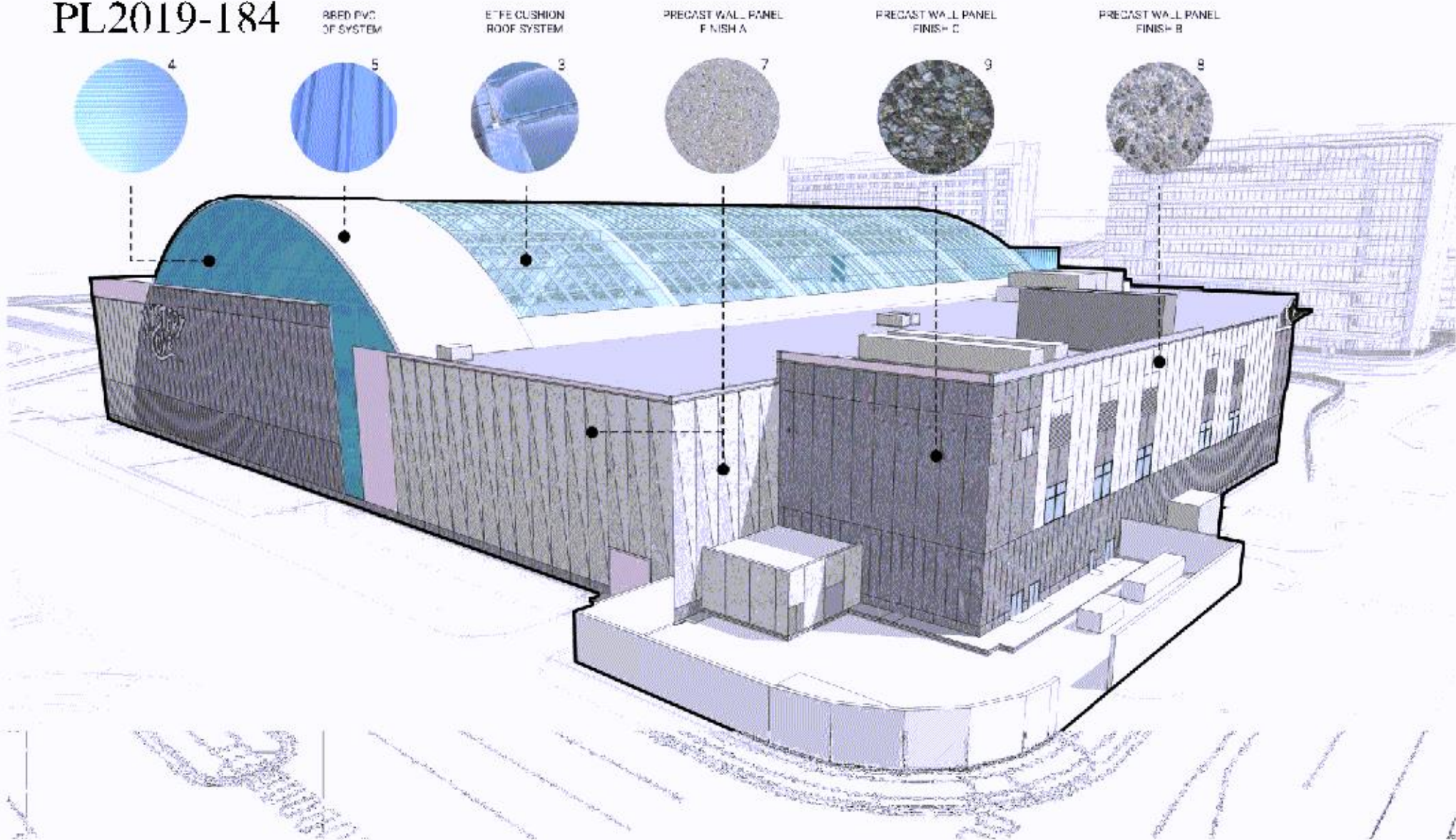
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MATERIALS

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PTEE CUSHION
 ROOF SYSTEM



PRECAST WALL PANEL
 FINISH B



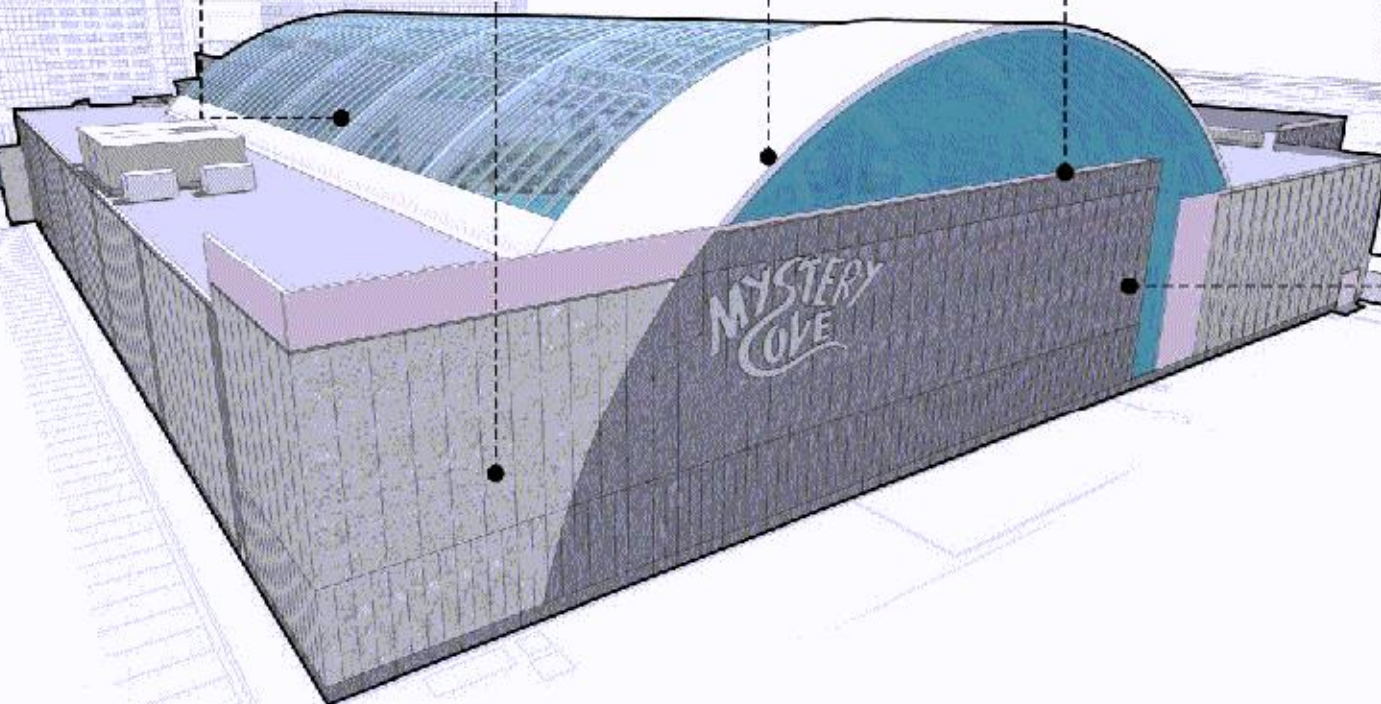
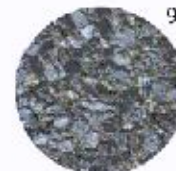
RIBBED PVC
 ROOF SYSTEM



TRANSLUCENT WALL PANEL
 SYSTEM CLIPPED TO STEEL
 SLIPSTITCH BEYOND



PRECAST WALL PANEL
 FINISH C



WATERPARK AT SOUTH LOOP

MATERIALS

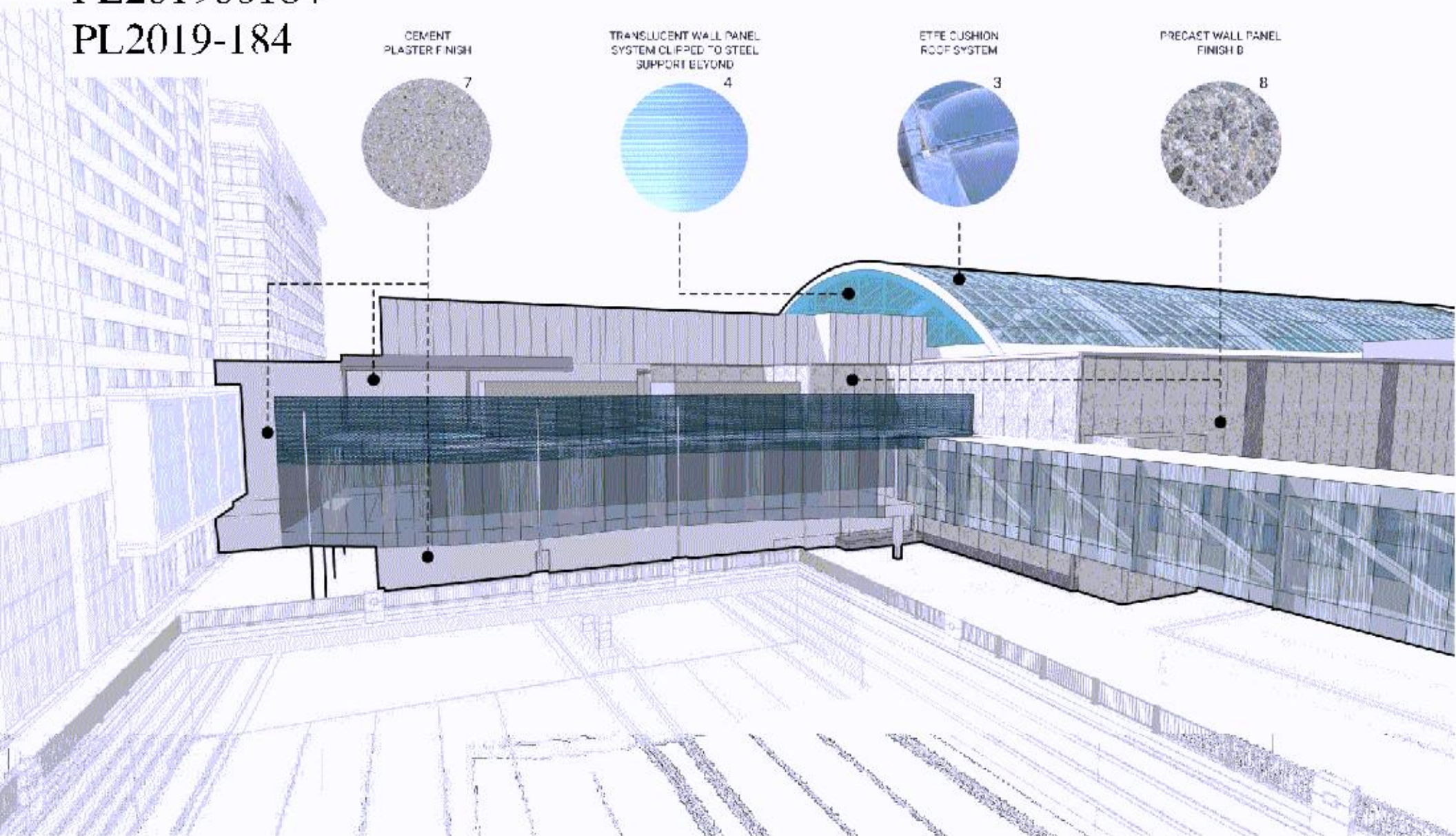
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MATERIALS

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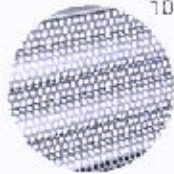
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CUSTOM PERFORATED
ALUMINUM PANEL

10



PREFIN INSULATED METAL
WALL PANEL
(BEHIND ALUM PANEL)

5



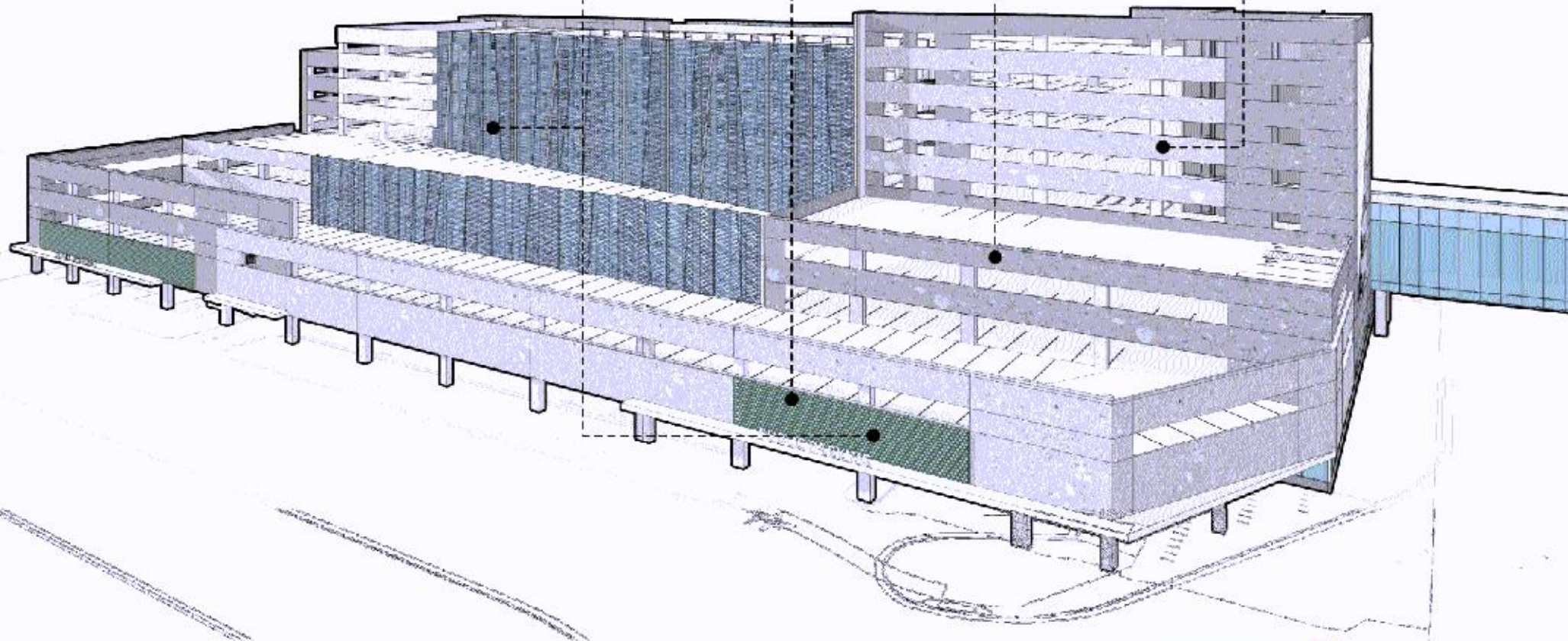
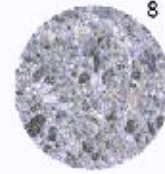
PRECAST WALL PANEL
FINISH C

9



PRECAST WALL PANEL
FINISH B

8



WATERPARK AT SOUTH LOOP

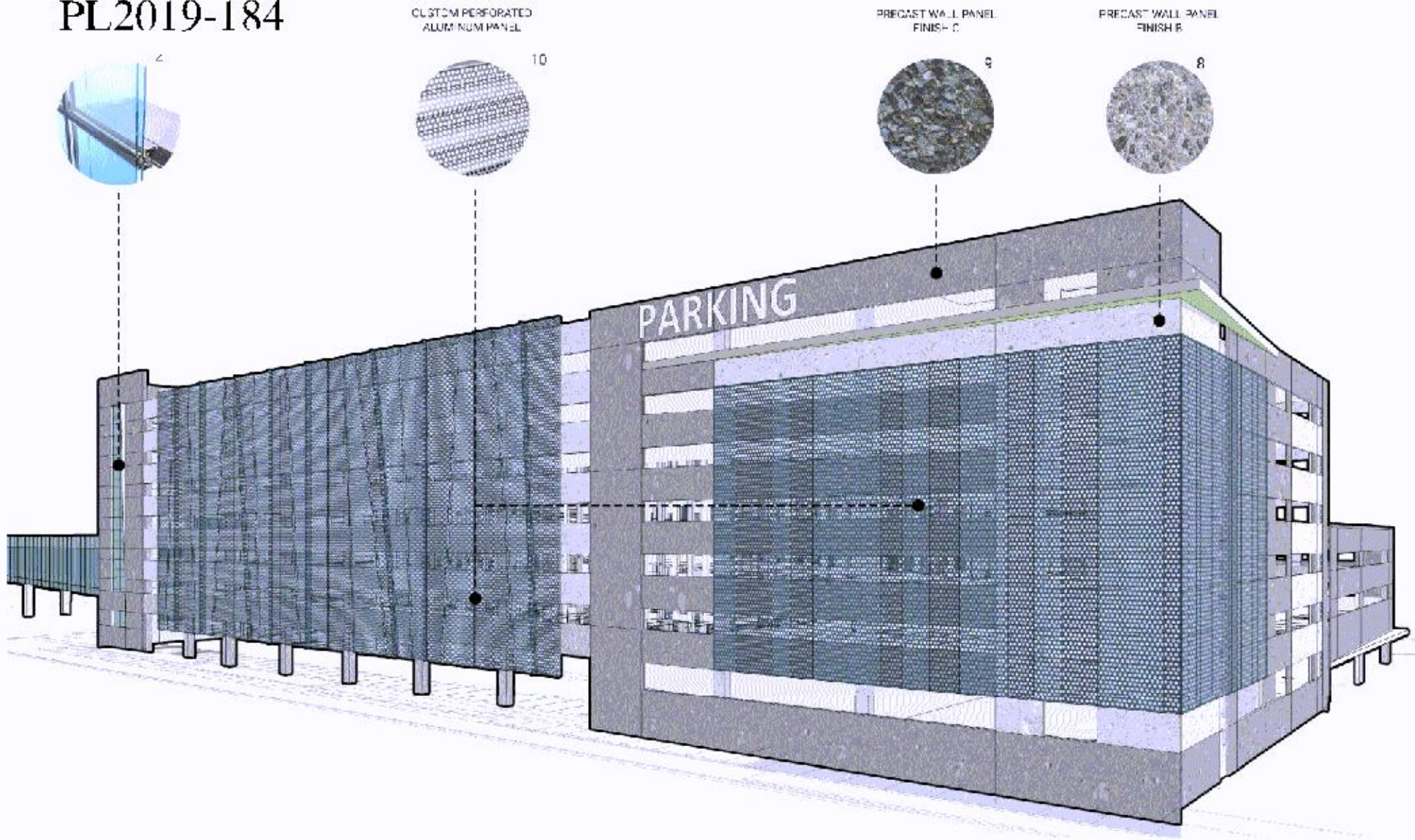
MATERIALS

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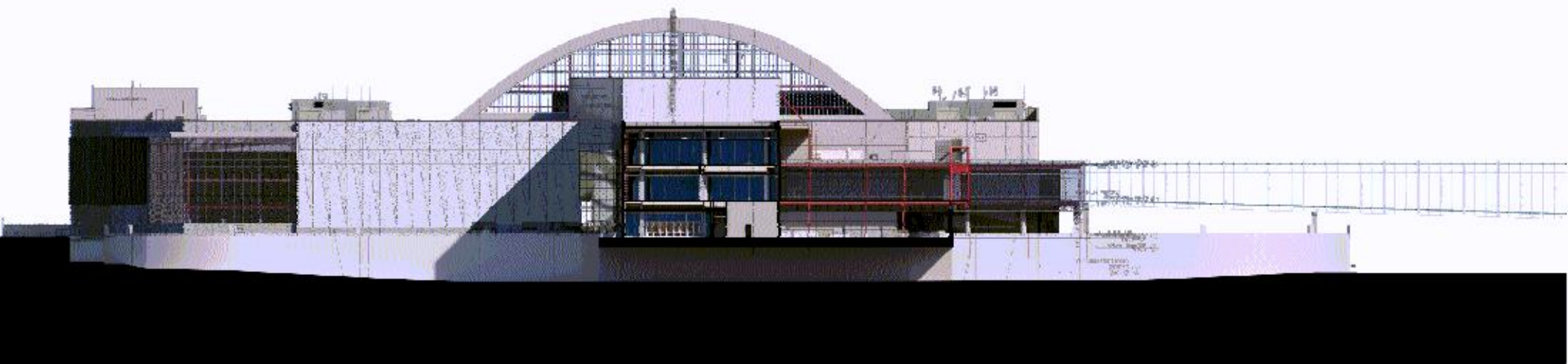
MATERIALS

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WATERPARK AT SOUTH LOOP

SOUTH ELEVATION

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WATERPARK AT SOUTH LOOP

WEST ELEVATION

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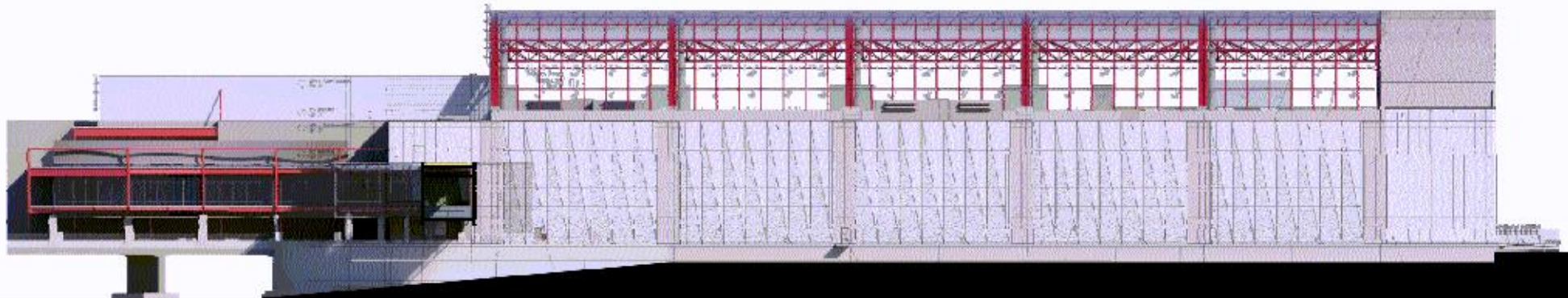
NORTH ELEVATION

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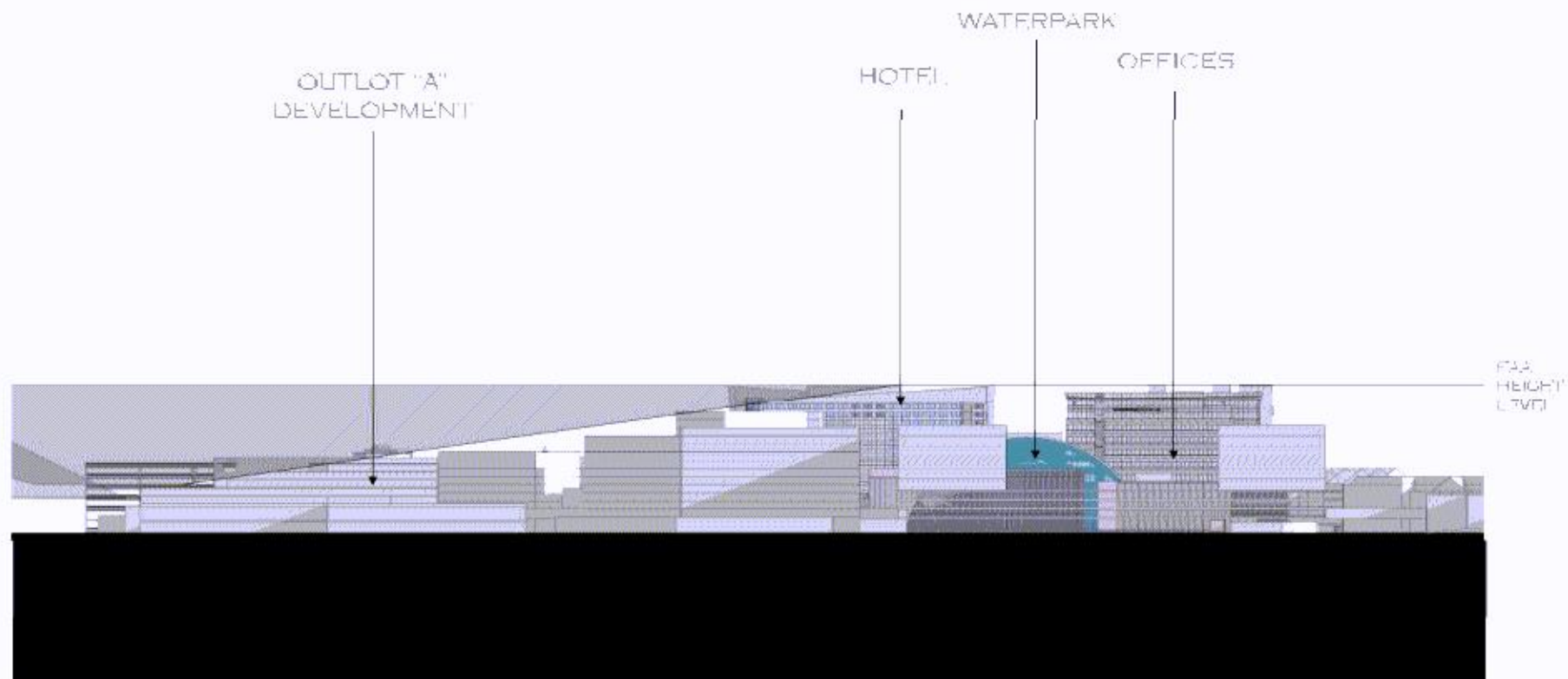
EAST ELEVATION

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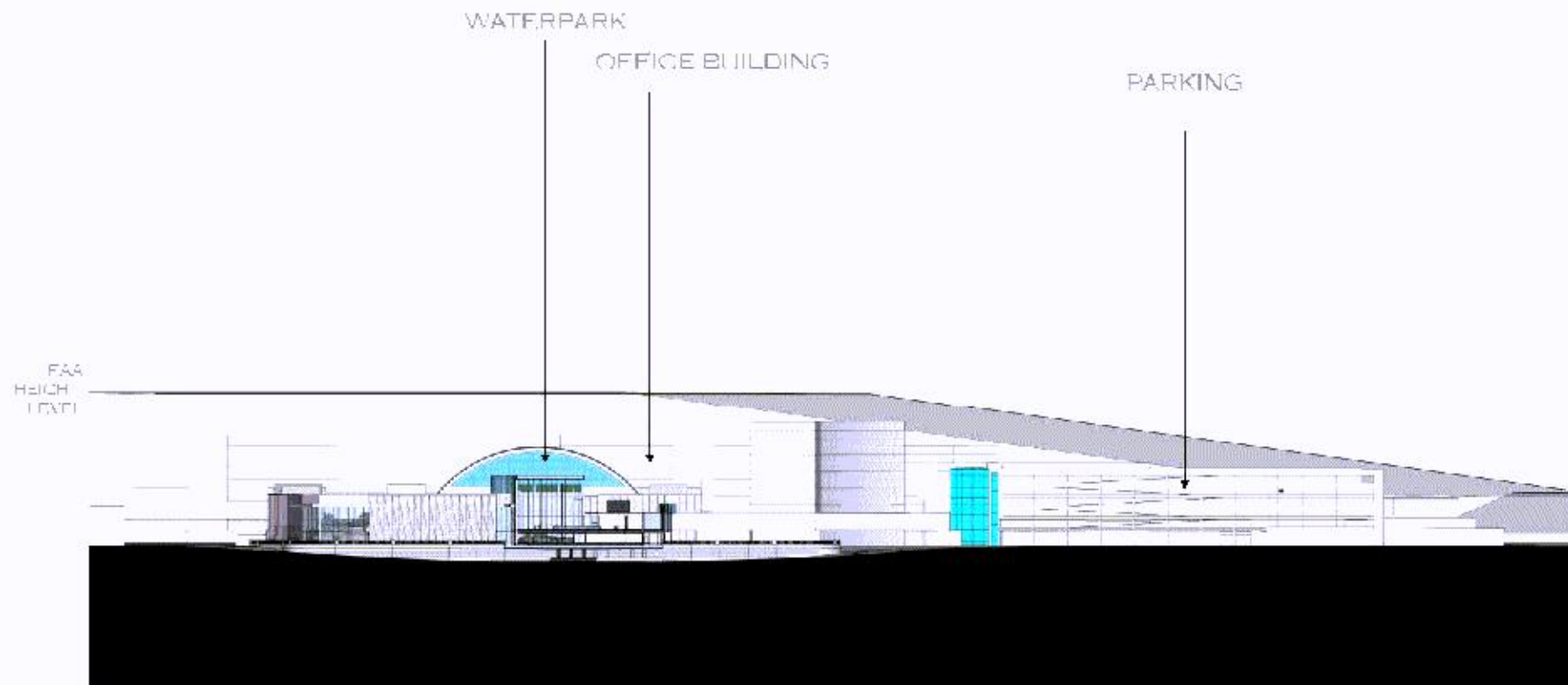
NORTH FAA ELEVATION

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WATERPARK AT SOUTH LOOP

NORTH FAA ELEVATION

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SITE DATA



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RFA SUMMARY	AREA	
PHASE I: ALL BASE BUILDING GBA:	3,714,587	
GLA MALL	1,463,506	INCLUDES BLOOMINGDALES MALL RENOVATION
GLA CINEMA****	64,087	902 SEATS
GLA FOOD COURT	17,363	
GLA FINE CASUAL DINING (W/BAR)	156,245	
GLA FAMILY RESTAURANTS & IMPULSE FOOD (W/O BAR)	77,702	FAST CASUAL PLUS IMPULSE
ACTIVE ENTERTAINMENT (NICK UNIVERSE & MOOSE MTN)	313,877	
GBA BOH / COMMONS EXISTING MALL	1,621,806	
PHASE I: ANCHORS GLA:	692,584	
SEARS	184,740	
NORDSTROM	227,044	
MACYS	280,800	
PHASE I: RADISSON BLU:	377,466	500 KEYS
RADISSON BLU	343,943	
RADISSON BLU MEETING SPACE	22,968	
RADISSON BLU RESTAURANT	5,555	
PHASE I: C EXPANSION:	771,720	
GLA MALL SHOPS	118,247	DOES NOT INCLUDE FOOD COURT, FAST CASUAL OR FAMILY
GLA FINE DINING (W/ BAR)	31,187	1,029 SEATS (ASSUMES 2/3 DINING AREA AT 1 SEAT/205SF)
GLA FOOD COURT (FAST FOOD)	8,999	
MALL COMMON / BOH	129,833	
OFFICE (7 LEVELS ABOVE 3 RETAIL LEVELS)	183,559	
HOTEL (EXCLUDING BANQUET SPACE, RESTAURANT)	275,705	842 KEYS
HOTEL BANQUET SPACE	16,075	
HOTEL RESTAURANT / LOUNGE	7,111	235 SEATS (ASSUMES 2/3 DINING AREA AT 1 SEAT/205SF)
PHASE I: A EXPANSION:	390,329	
IKCA	320,329	
PHASE I: B EXPANSION:	320,063	
WATERPARK	320,063	
PHASE I: C EXPANSION (PRELIMINARY / FINAL PROGRAM TBD):	400,000	
WATERPARK HOTEL	400,000	500-700 KEYS
PHASE II: D EXPANSION	1,447,500	
MULTI-USE FACILITY	200,000	
HOTEL A	200,000	300 KEYS
HOTEL B	260,000	300 KEYS
HOTEL C	217,500	300 KEYS
HOTEL C RETAIL	170,000	
OFFICE A	200,000	
OFFICE B	200,000	
EXISTING PHASE I: A-B-C-D-E-F-G-H-I-J-K-L-M-N-O-P-Q-R-S-T-U-V-W-X-Y-Z	8,019,319	
*BUILDING FOOTPRINT INCLUDES AREA OVER LINDU LANE ROW		
**EXCLUDES PARKING DECKS AND KELLEY SITE		
***FOOTPRINTS SHOWN BASED UPON PHASING PLAN / AREAS ARE ESTIMATES AND ARE SUBJECT TO CHANGE AT A LATER DATE		
****54,087SF CINEMA MINUS 11,588SF OF PROJECTION MEZZANINE		

WATERPARK AT SOUTH LOOP

SITE DATA

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SITE DATA	SF	ACRES	FOOTPRINT	SF
IKEA SITE	653,400	15.000	PHASE IA MALL	1,389,087
MOA II SITE	1,200,106	27.551	PHASE IB RADISSON BLU	85,157
OUTLOT "A"	113,842	2.613	PHASE IC MALL EXPANSION	132,724
VACATED 79TH ST.	40,777	0.936	PHASE IIA IKEA	209,592
EXISTING MALL SITE	2,965,862	68.087	PHASE IIB WATERPARK	254,017
TOTAL SITE AREA	4,973,987	114.187	PHASE IIC WATERPARK HOTEL	94,000 (TBD)***
			PHASE IID FUTURE PHASES	287,000 (TBD)***
KELLEY SITE	1,367,365	31.390	TOTAL BUILDING FOOTPRINT (EXCLUDES PARKING DECKS)	2,451,577
TOTAL BUILDING FOOTPRINT*	2,451,577			
SITE COVERAGE (EXCLUDES KELLEY SITE)	49.29%		PHASE III KELLEY SITE	NA (TBD)
TOTAL GROSS BUILDING AREA**	8,049,349			
FLOOR AREA RATIO (EXCLUDES KELLEY SITE)	1.62			

WATERPARK AT SOUTH LOOP

SITE DATA

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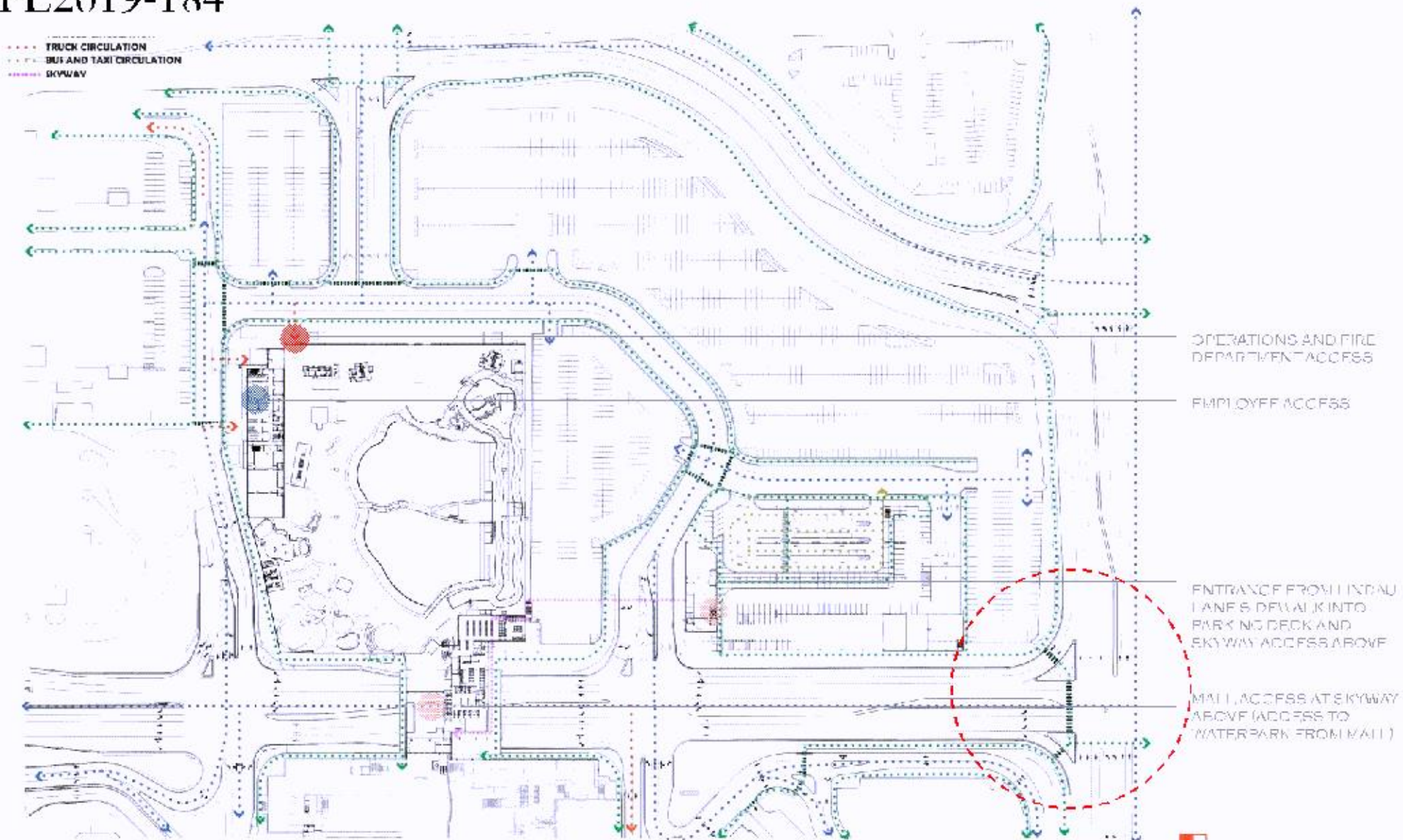
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SITE DIAGRAMS



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WATERPARK AT SOUTH LOOP
SITE CIRCULATION

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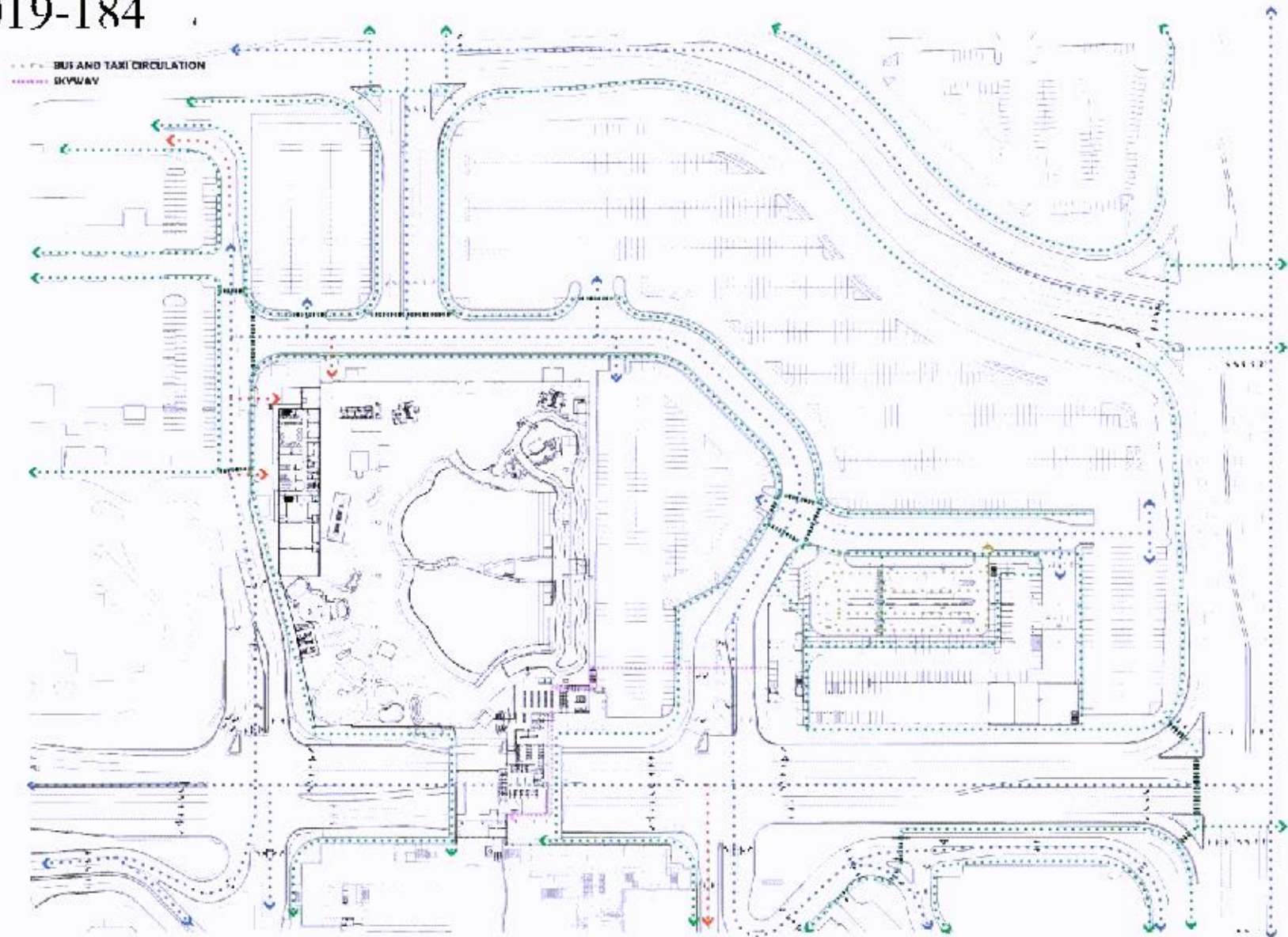
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LAND OWNERSHIP AND SURVEYS



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PL2019-184



WATERPARK AT SOUTH LOOP
EXISTING CIRCULATION DIAGRAM

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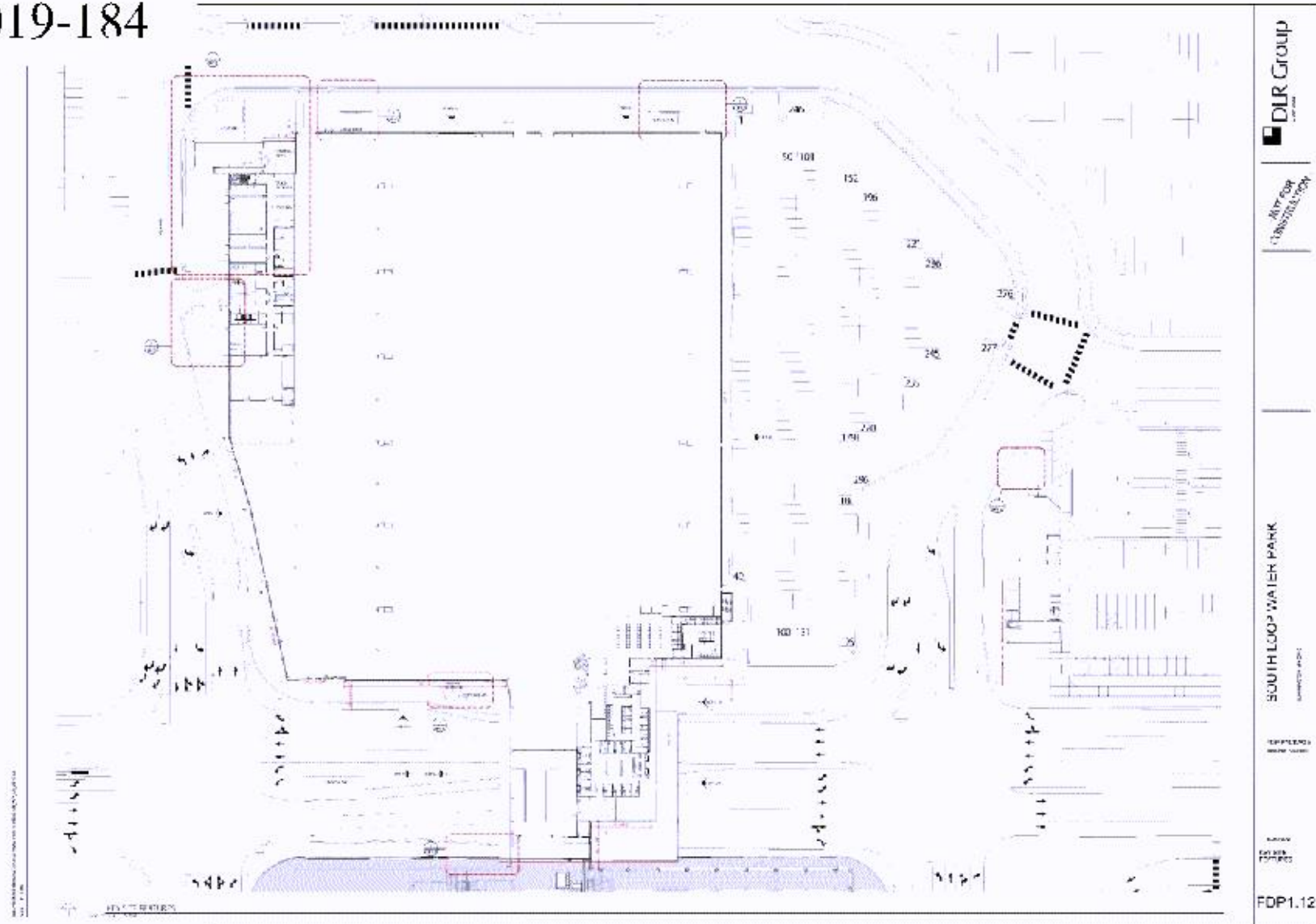
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WATERPARK AT SOUTH LOOP

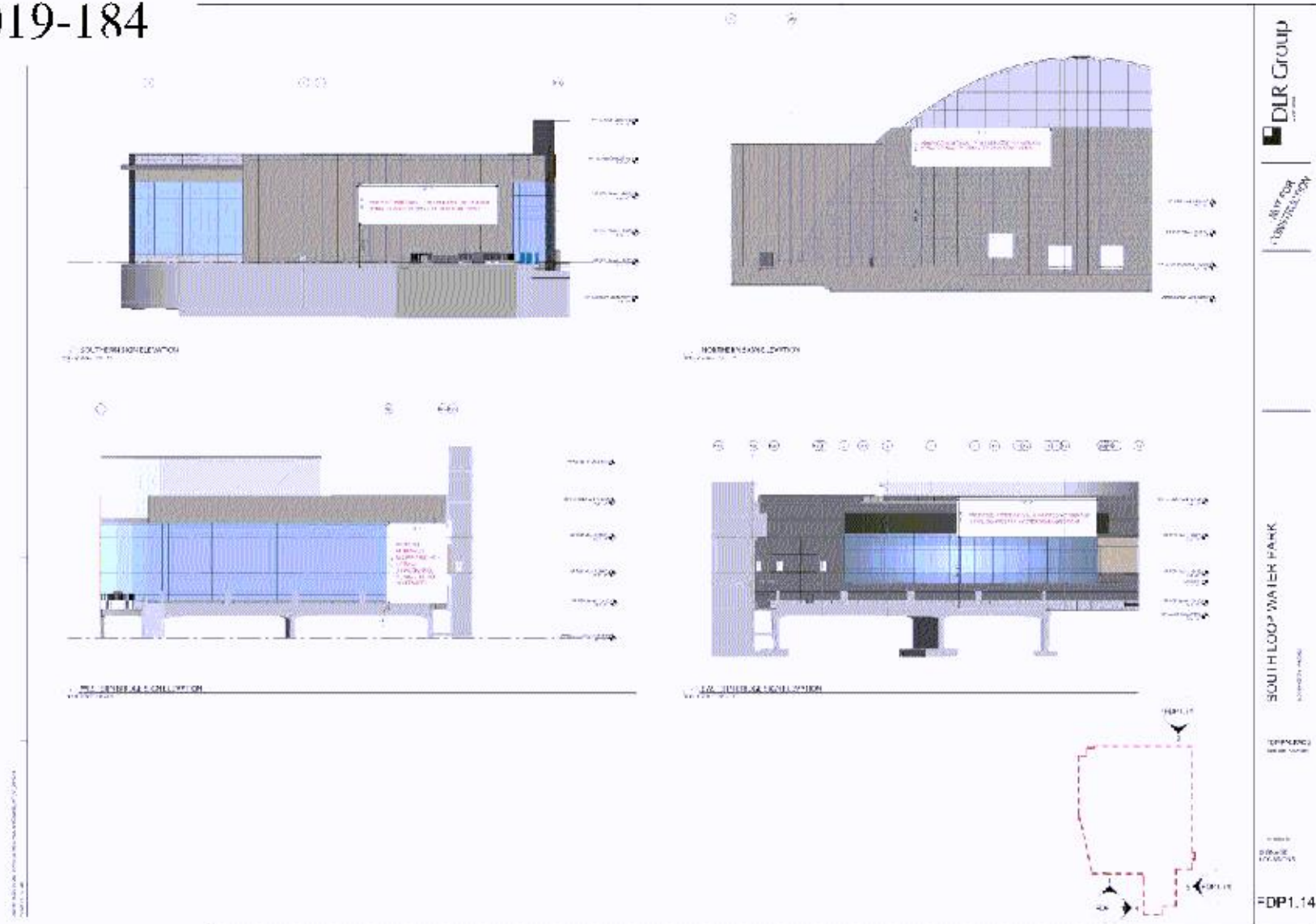
KEY SITE FEATURES

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WATERPARK AT SOUTH LOOP
SIGNAGE LOCATIONS

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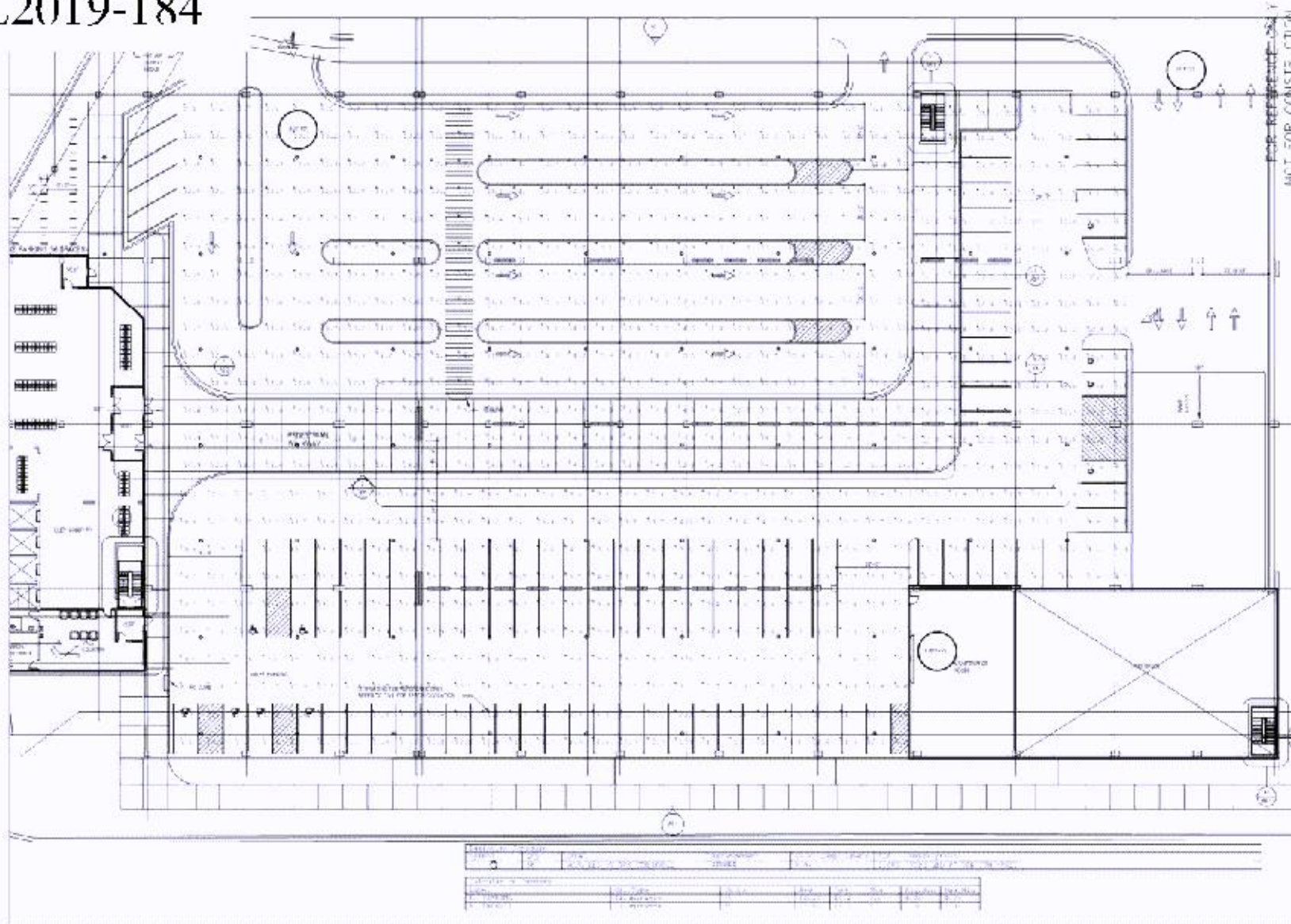
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FINAL PLAT PLAN, SITE LIGHTING
AND SITE LOGISTICS PLAN



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 PL2019-184




DUNHAM
 mechanical • electrical consulting engineering

Project:
 SOUTH LOOP WATERPARK PARKING GARAGE

Sheet Title:
P1 LIGHTING

Drawn By:
 JAZ

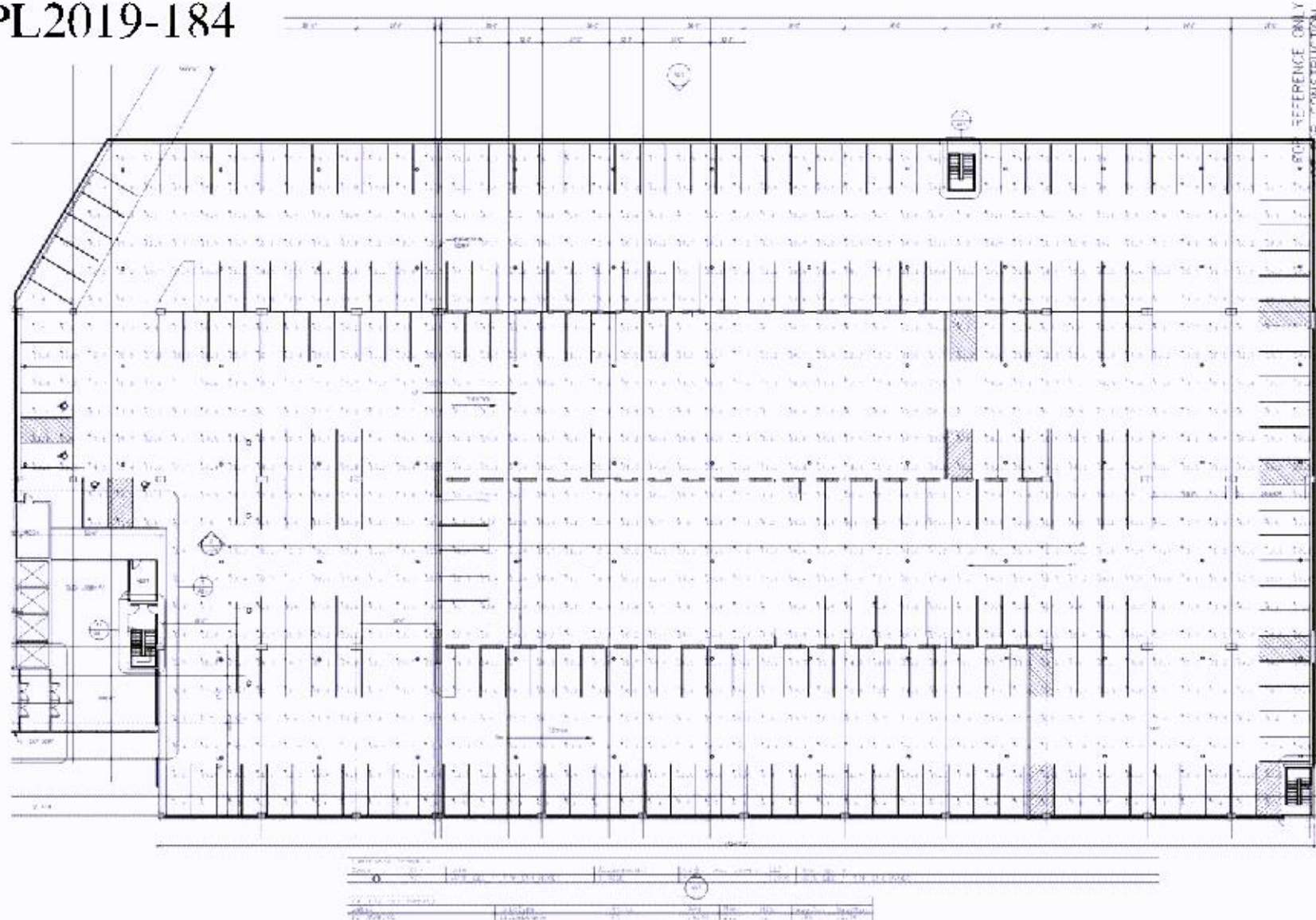
Project Number:
 0420062-000

Sheet Number:
LL1.1

Date:
 10/02/2019

WATERPARK AT SOUTH LOOP
 PARKING LIGHTING PLAN
 REV SEP NOVEMBER 5TH, 2019

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PL2019-184



 DUNHAM mechanical • electrical consulting engineering		Project: SOUTH LOOP WATERPARK PARKING GARAGE	
		Sheet Title: P2 LIGHTING	
Project Number: 640052-360		Drawn By: 16	Checked By: 200
Sheet Number: EL1.2		Date: 10/02/2019	

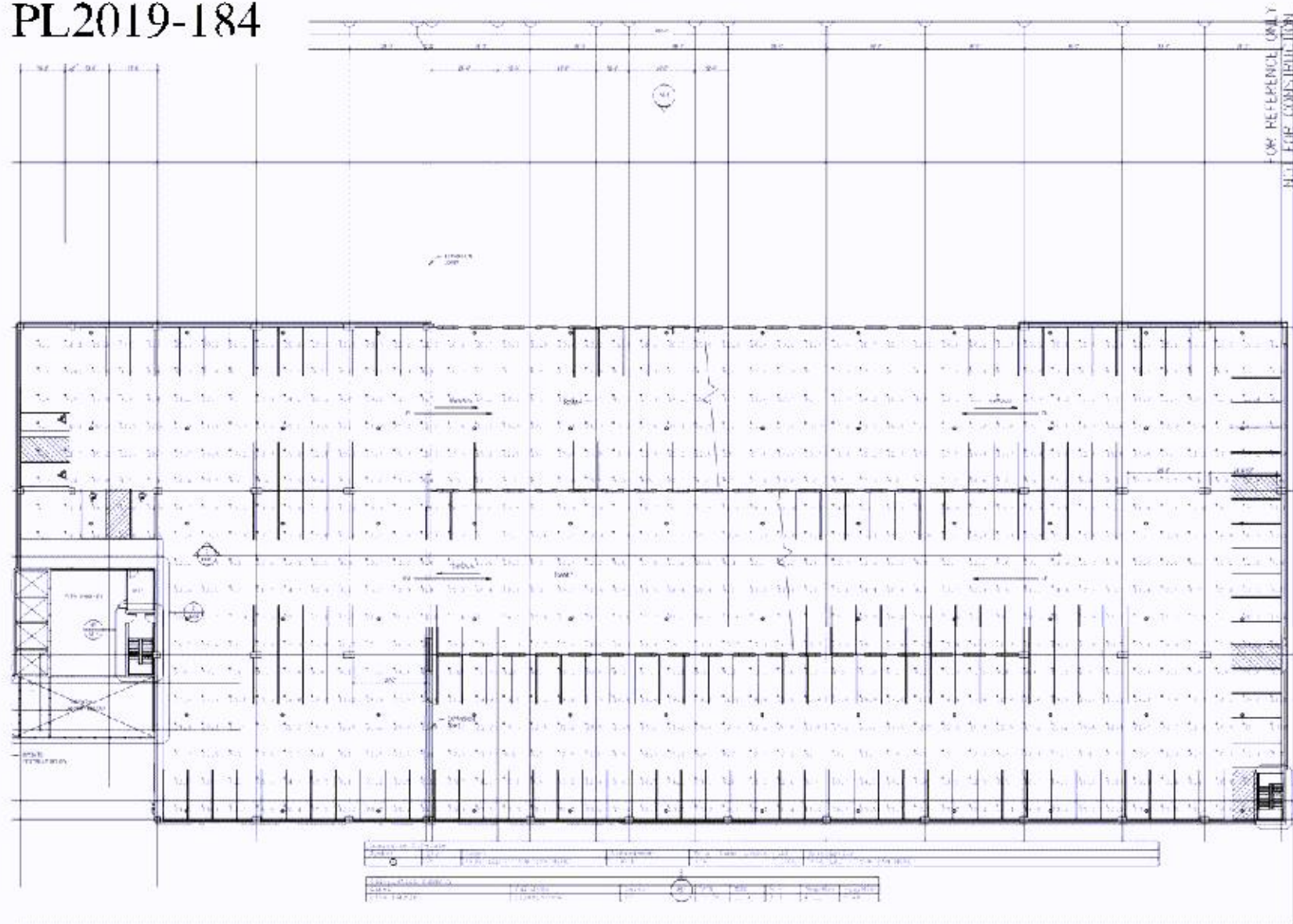
WATERPARK AT SOUTH LOOP
PARKING LIGHTING PLAN

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Project: SOUTH LOOP WATERPARK PARKING GARAGE
Sheet Title: P3-4 LIGHTING
Project Number: 04-0059-000
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Date: 10/02/2019

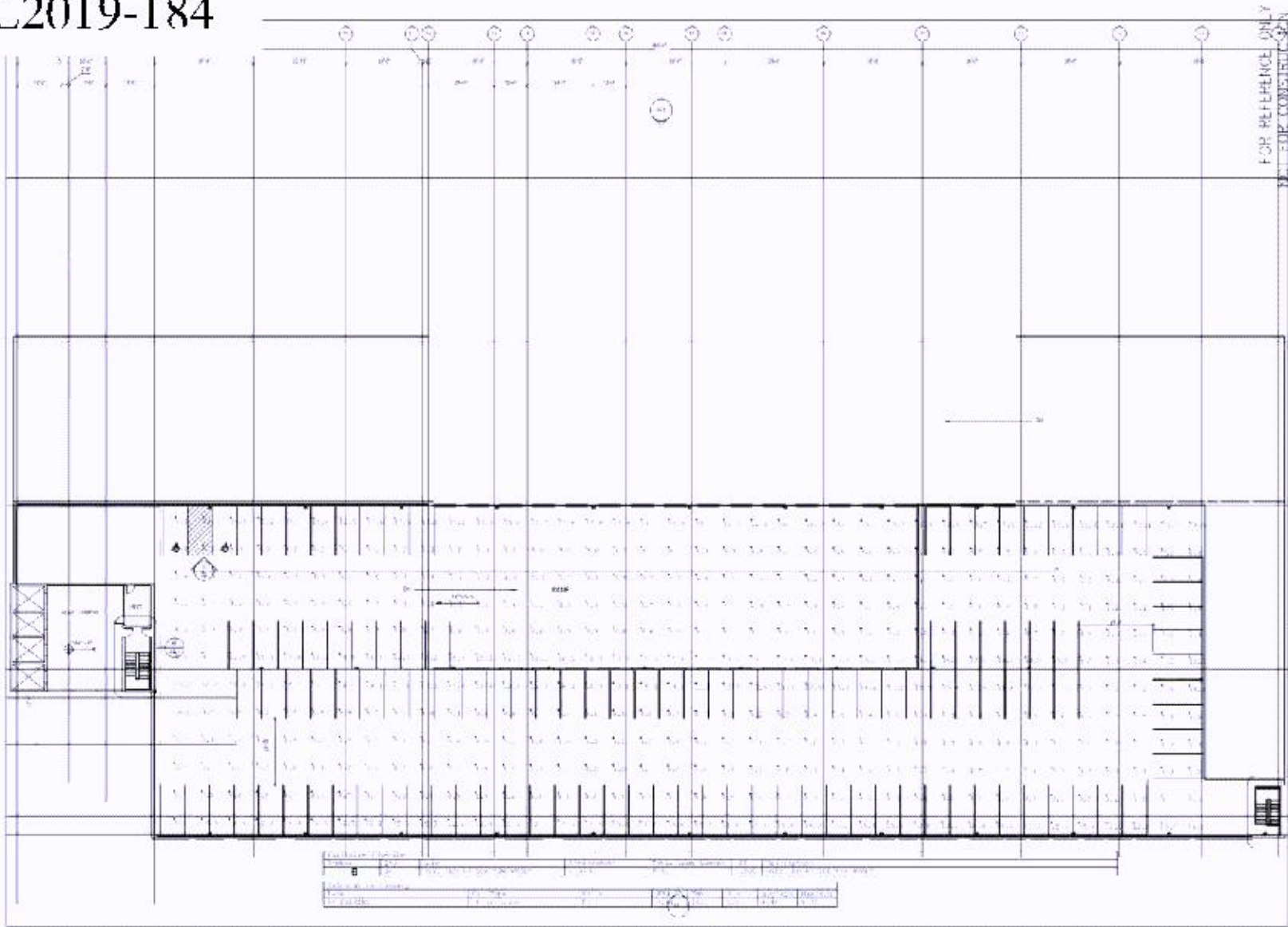
WATERPARK AT SOUTH LOOP
PARKING LIGHTING PLAN

REV SEP NOVEMBER 5TH, 2019

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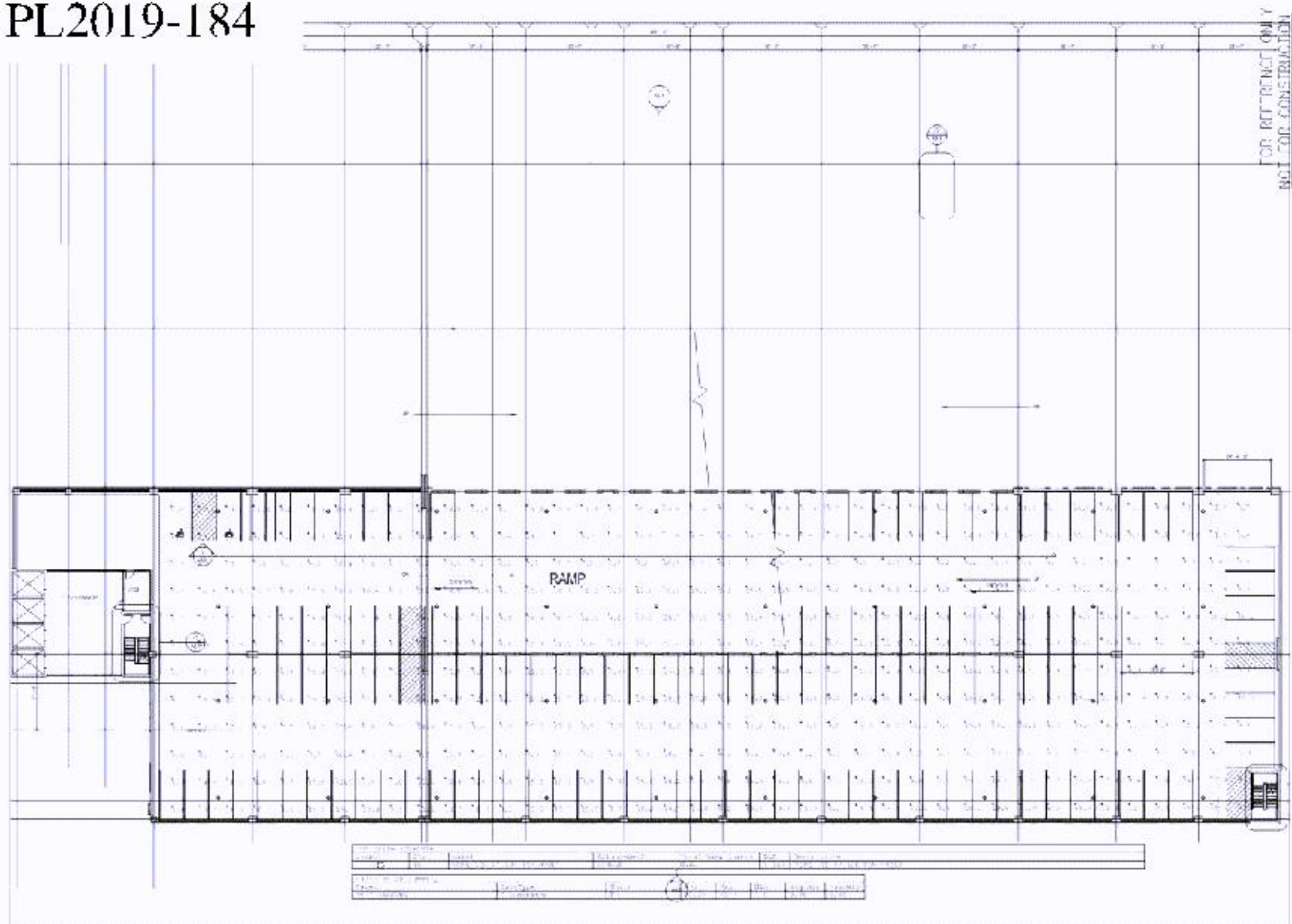




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Project: SOUTH LOOP WATERPARK PARKING GARAGE		Checked By: KOT
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Project Number: 0420052-300		
Sheet Number: E-1.00		
Date: 10/02/2019		

PL2019-184

REVISED NOVEMBER 5TH, 2019

PL201900184
PL2019-184



VCPC LED 37 50K 12M DIVOLT

Introduction

The all new SCOP LED Visually Comfortable Fixing, Gortipal™ is designed to bring glare control, surface performance and energy savings into one package. The new design of the SCOP LED is 100% recyclable, second class, where it is precision molded to form and eliminates LED vibration and delivers the required luminance and uniformity. The standard SCOP LED™ is optional and uses the contrast between the luminance and the color creating a more visually comfortable environment.

The VOPG LED delivers up to 8% in energy savings when installed in 1'-0" metal halide luminaire. With over 100,000 hours of expectancy, (12+ years of 24/7 continuous operation), the VOPG LED luminaire provides significant maintenance savings over traditional luminaire.

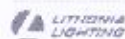


Category	DISABLED PERSON (3445.0001)
Code	
Fee	FEA_POR

Introduction

The modular styling of the D-Series is striking and unobtrusive, making a bold and progressive statement of modernity as clearly and simply as with a uniform. The D-Series can be the beauty of the latest in LED technology into a high performance, high efficiency, long-life luminaire. The ultra compact, dimensionally perfect, case results in steps with a slender, uniform, greater pole spacing and lower power density. It is ideal for replacing an old LED luminaire with a light quality and energy savings of 70% and expected service life of over 100,000 hours.

Ordering Information			EXAMPLE: VCPG LED V4 P1 30K 70CRI TSM MVOLT 5FM DRXV2				
VCP USB							
Part #	LED Light Spectrum	Power (W)	Color Temperature (K)	Color Rendering Index (CRI)	Beam Spread (deg)	Beam Angle (deg)	Beam Type
VCP11B	40° 4-way (12000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (3000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (5000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (7000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (9000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (11000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (13000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (15000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (17000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (19000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (21000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (23000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (25000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (27000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (29000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (31000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (33000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (35000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (37000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (39000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (41000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (43000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (45000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (47000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (49000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (51000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (53000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (55000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (57000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (59000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (61000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (63000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (65000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (67000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (69000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (71000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (73000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (75000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (77000K)	11	1500 (3000K)	20R	70R	120°	Beam
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	40° 4-way (187000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (188000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (189000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (190000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (191000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (192000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (193000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (194000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (195000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (196000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (197000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (198000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (199000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (200000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (201000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (202000K)	11	1500 (3000K)	20R	70R	120°	Beam
	40° 4-way (203000K)	11					

[illegible]

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THEORY



1. <https://www.youtube.com/watch?v=7T0u0v3T0p0>
 2. <https://www.youtube.com/watch?v=7T0u0v3T0p0>

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mechanical • electrical consulting engineering

Project: $W^{\pm} \rightarrow b^{\pm} \bar{A} \bar{B} C + A \bar{B} C$ (44%)

CHING CUISINES

Checked By:

100

Sheet Number	
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E-2.1

Date: 10/02/2019

WATERPARK AT SOUTH LOOP PARKING LIGHTING PLAN

REVISED NOVEMBER 5TH, 2019

Architecture Engineering, Planning, Research

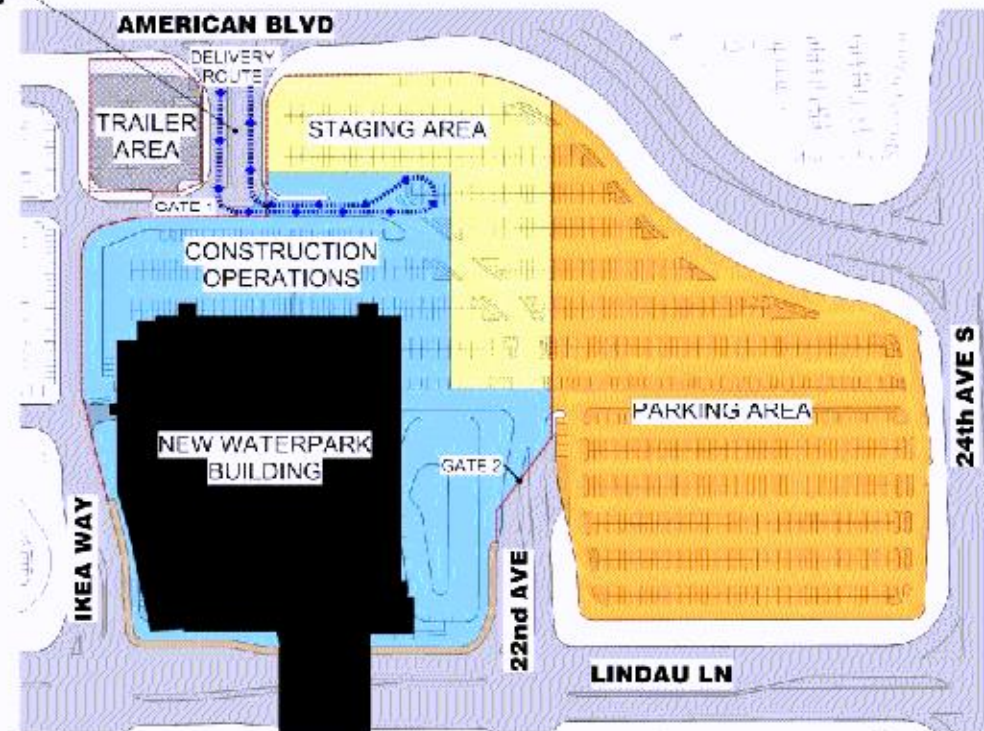
PL201900184
PL2019-184

LOGISTICS PLAN - 5/1/2020 to 4/30/2021 (PHASE 1)



**THUNDERBIRD RD. TO
REMAIN OPEN TO PUBLIC**

SOUTH LOOP WATERPARK



- ROADS
- STAGING AREA
- ABUTMENT WALL
- CONSTRUCTION OPERATIONS
- PARKING
- FENCING

Ryan Construction, LLC

10/02/2019

WATERPARK AT SOUTH LOOP
SITE LOGISTICS PLAN

REV SEP NOVEMBER 5TH, 2019

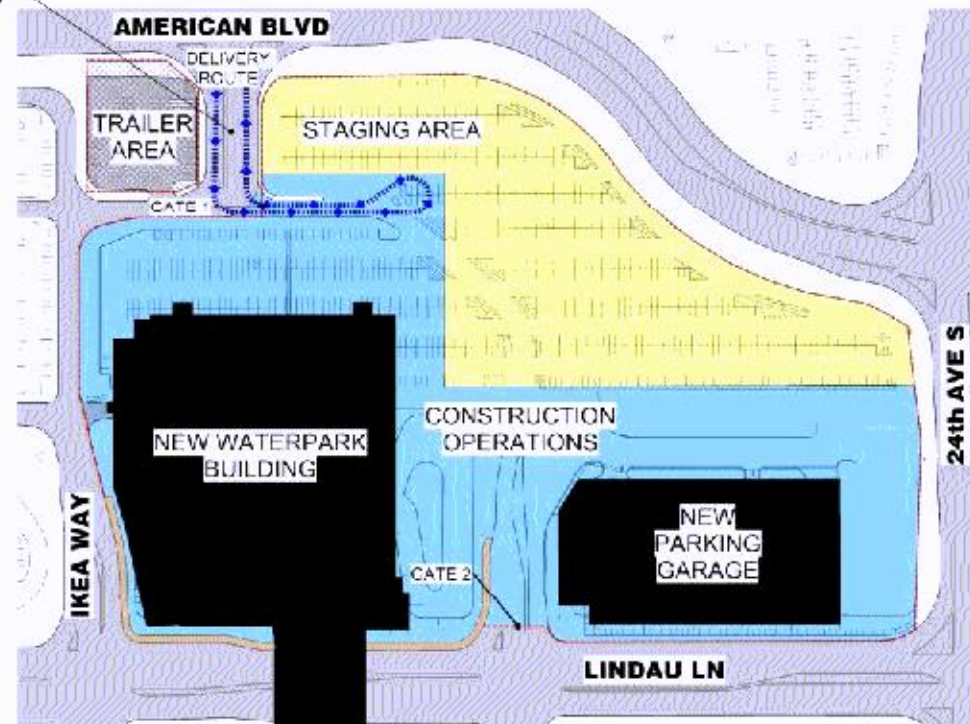
RYAN

DLR Group
Architecture Engineering Planning Interiors



**THUNDERBIRD RD. TO
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SOUTH LOOP WATERPARK



- ROADS
- STAGING AREA
- ADJACENT WALL
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Ryan Companies, LLC

10/02/2019

WATERPARK AT SOUTH LOOP
SITE LOGISTICS PLAN

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