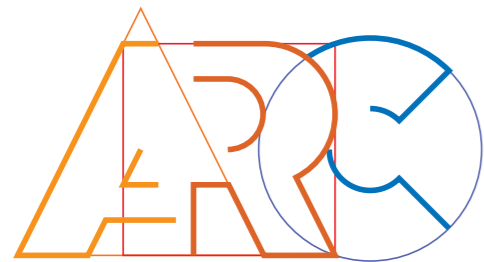


SUNLIGHT AND DAYLIGHT ACCESS IMPACT ANALYSIS  
OF  
THE PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT  
ON  
LANDS AT PARNELL SQUARE, DUBLIN 1

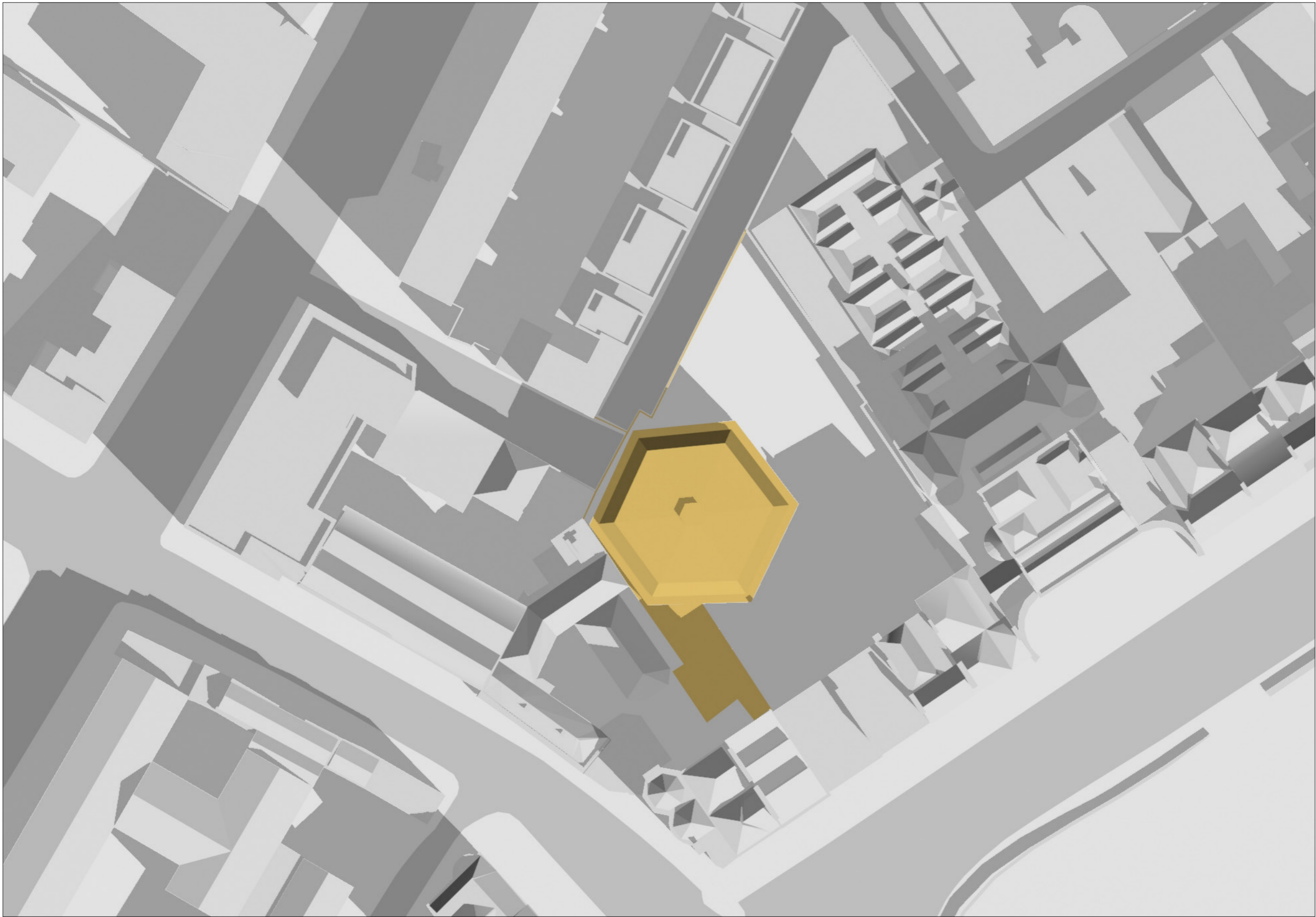


**ARC** Architectural  
Consultants Limited

30 Dalkey Park, Dalkey  
County Dublin

T 01 235 0525  
F 01 284 8618  
e info@arc.ie

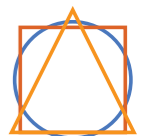
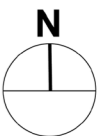
JULY 2018



SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

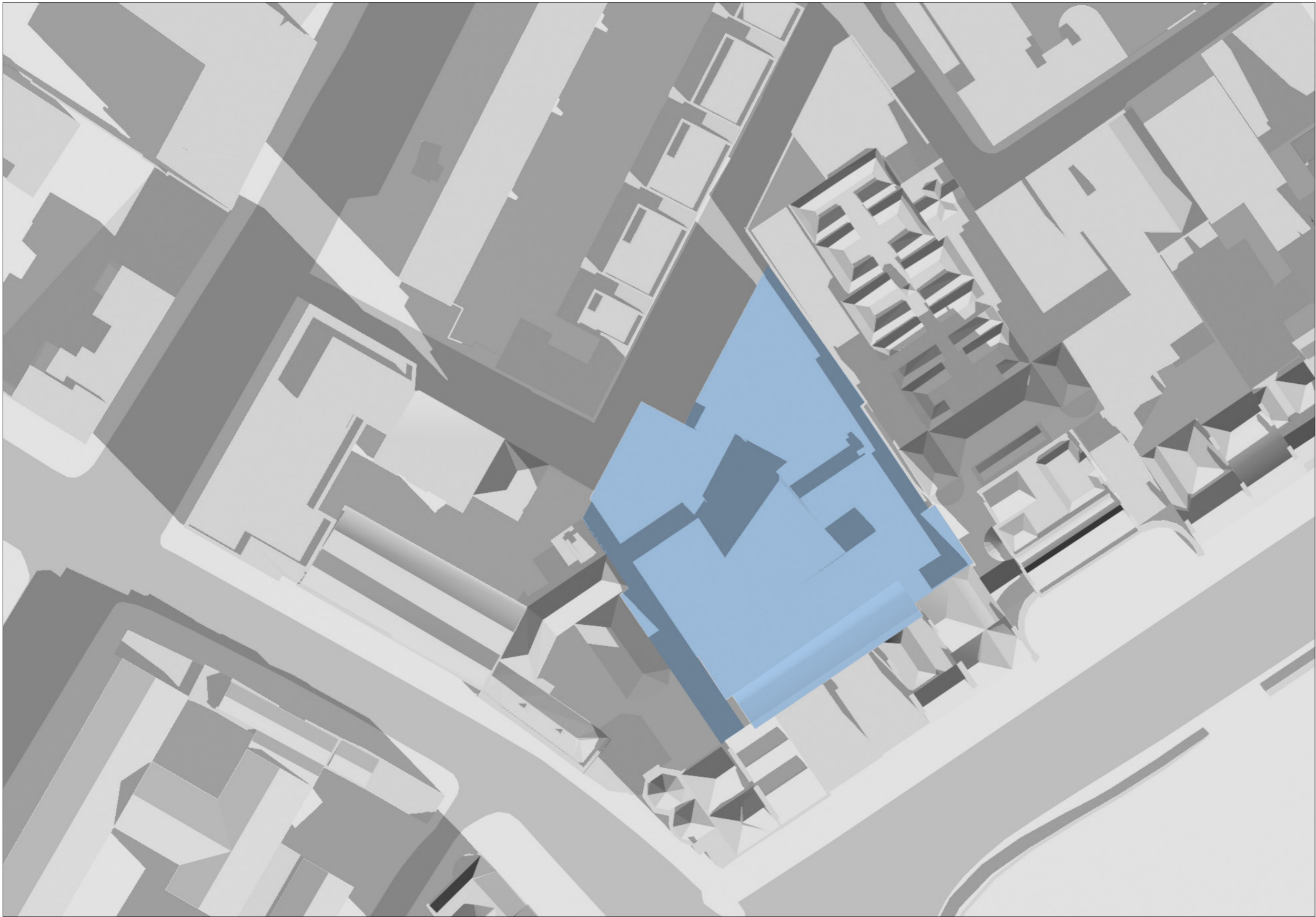
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SUNRISE : 6.25 AM  
SUNSET : 6.40 PM

TIME :  
10.00 AM



PROPOSED  
DEVELOPMENT

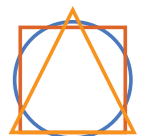
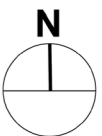
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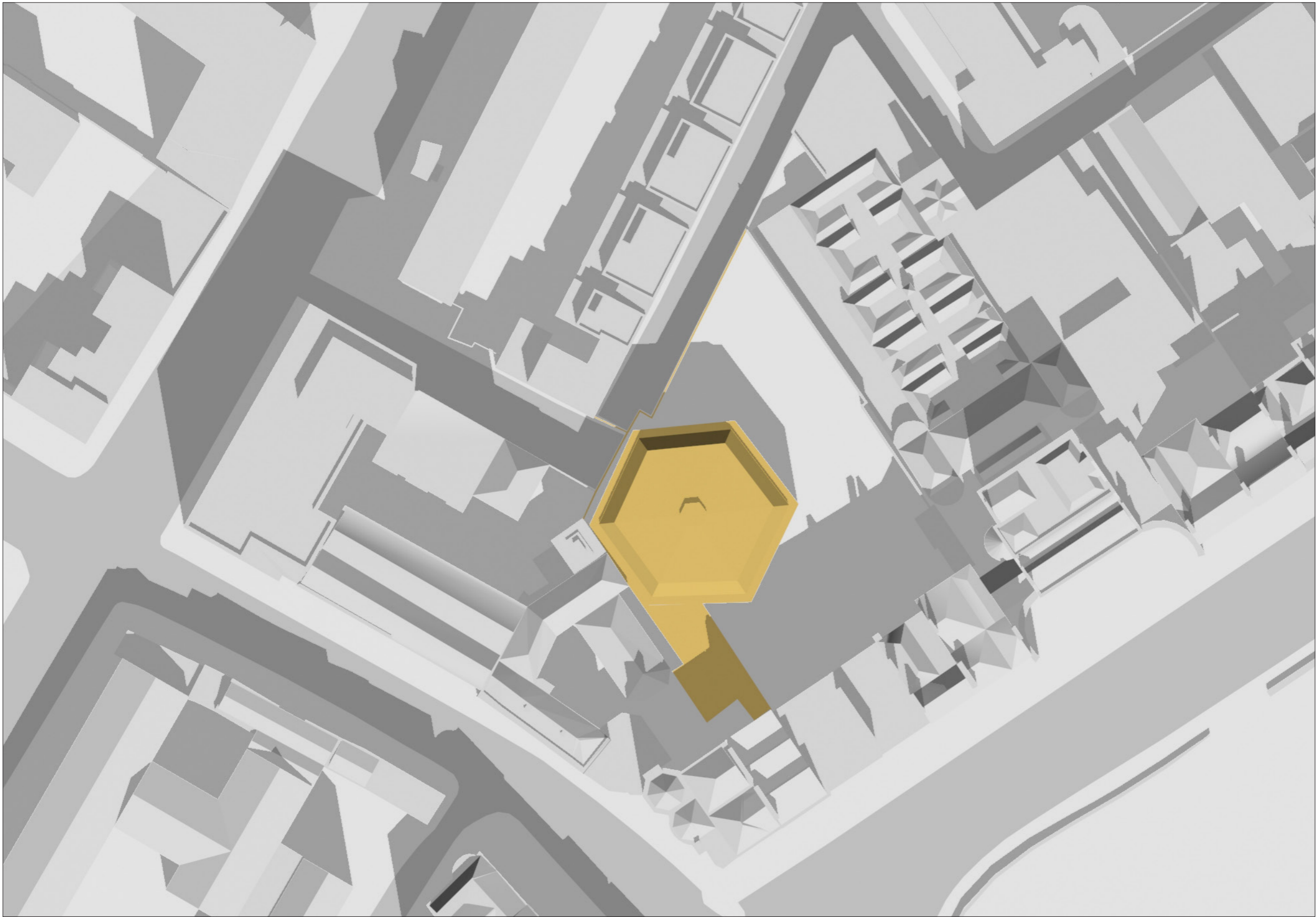


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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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SUNRISE : 6.25 AM  
SUNSET : 6.40 PM

TIME :  
10.00 AM

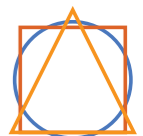
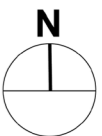




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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

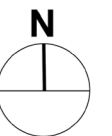
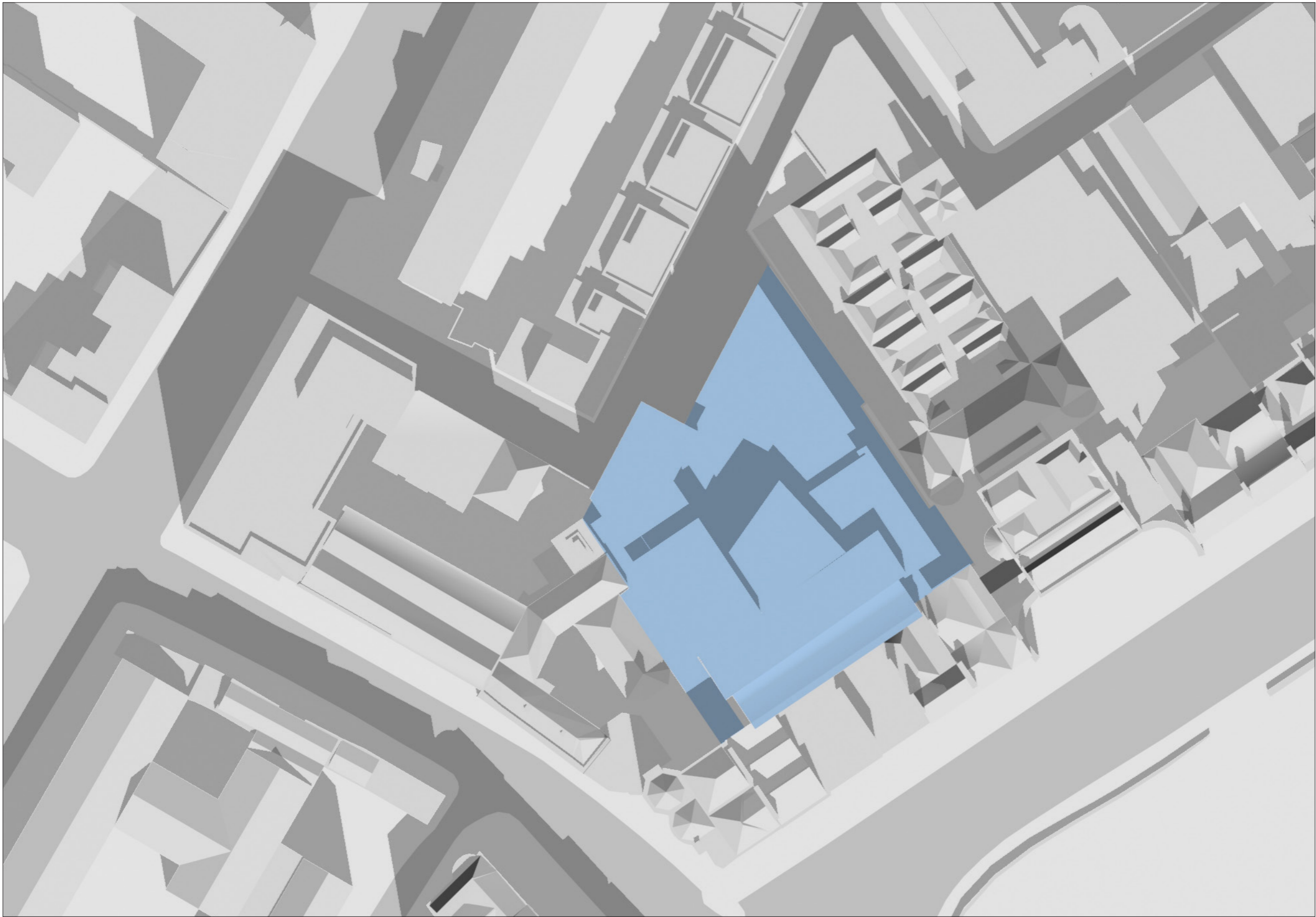
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TIME :  
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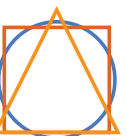
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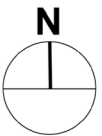
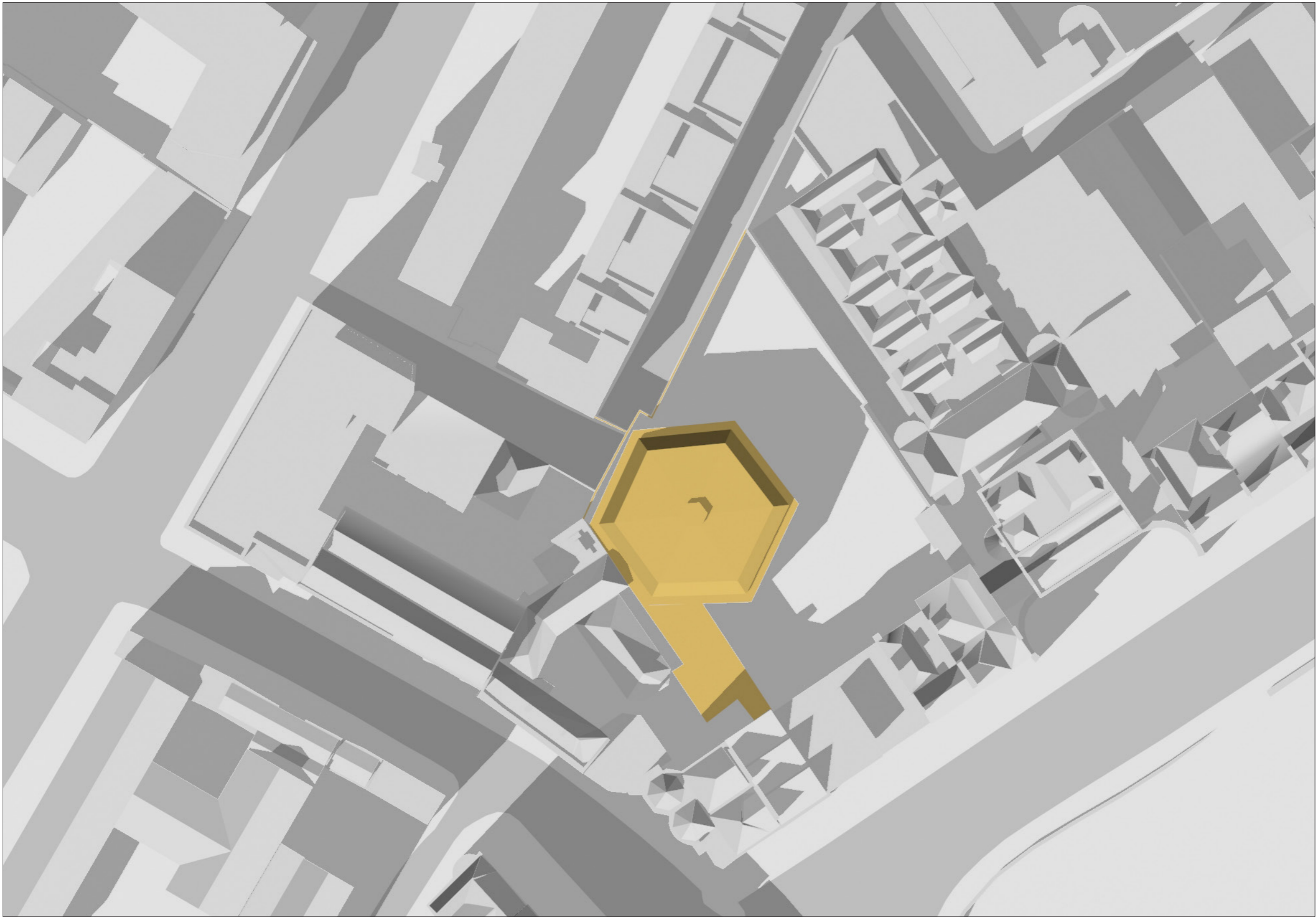


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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : MARCH 21ST - EQUINOX  
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SUNSET : 6.40 PM

TIME :  
12.00 PM





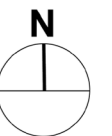
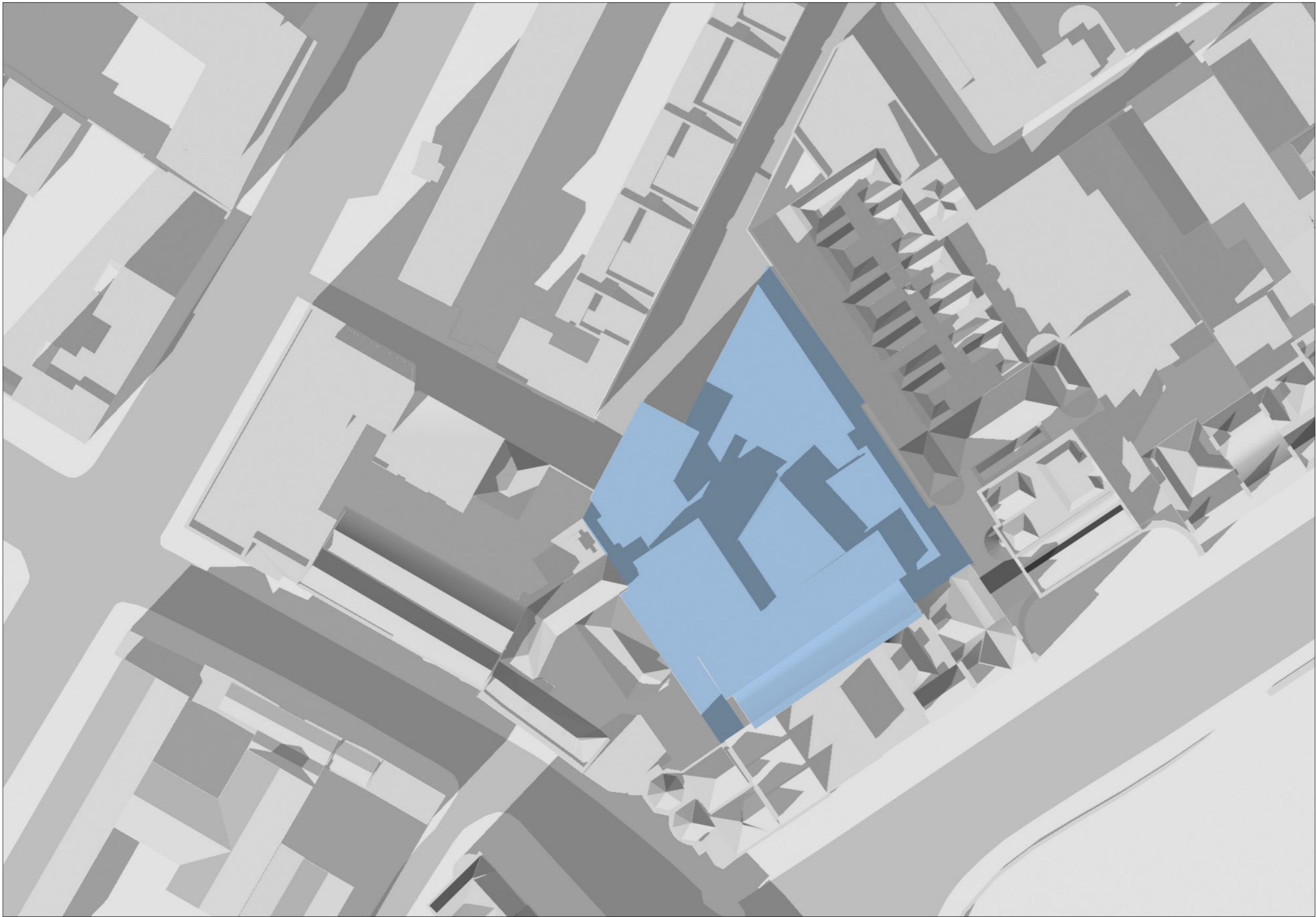
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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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SUNSET : 6.40 PM

TIME :  
3.00 PM

PROPOSED  
DEVELOPMENT

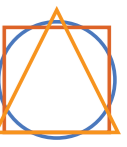
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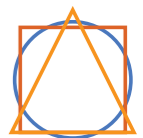
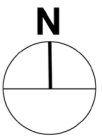
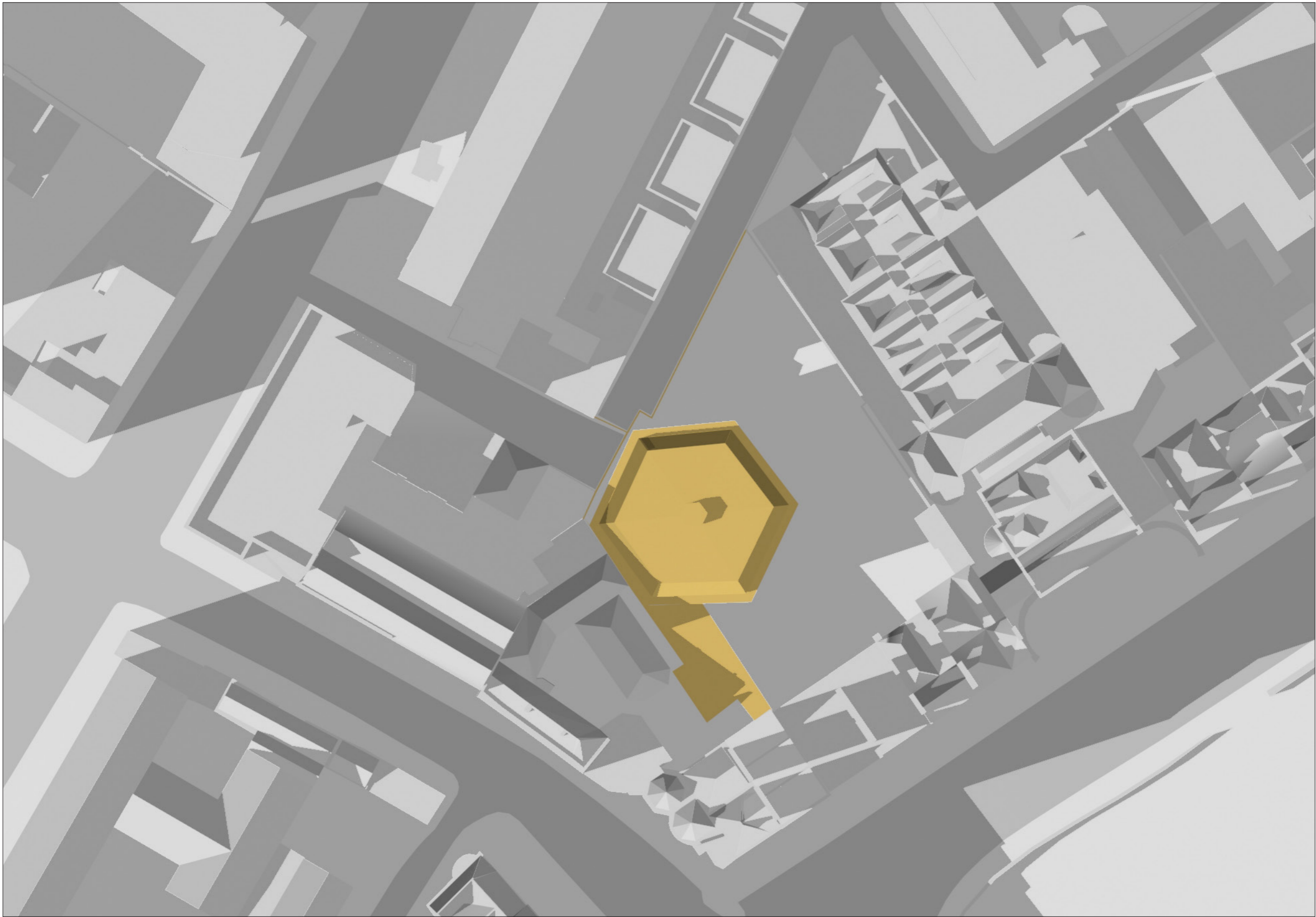


SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : MARCH 21ST - EQUINOX  
SUNRISE : 6.25 AM  
SUNSET : 6.40 PM

TIME :  
3.00 PM





SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

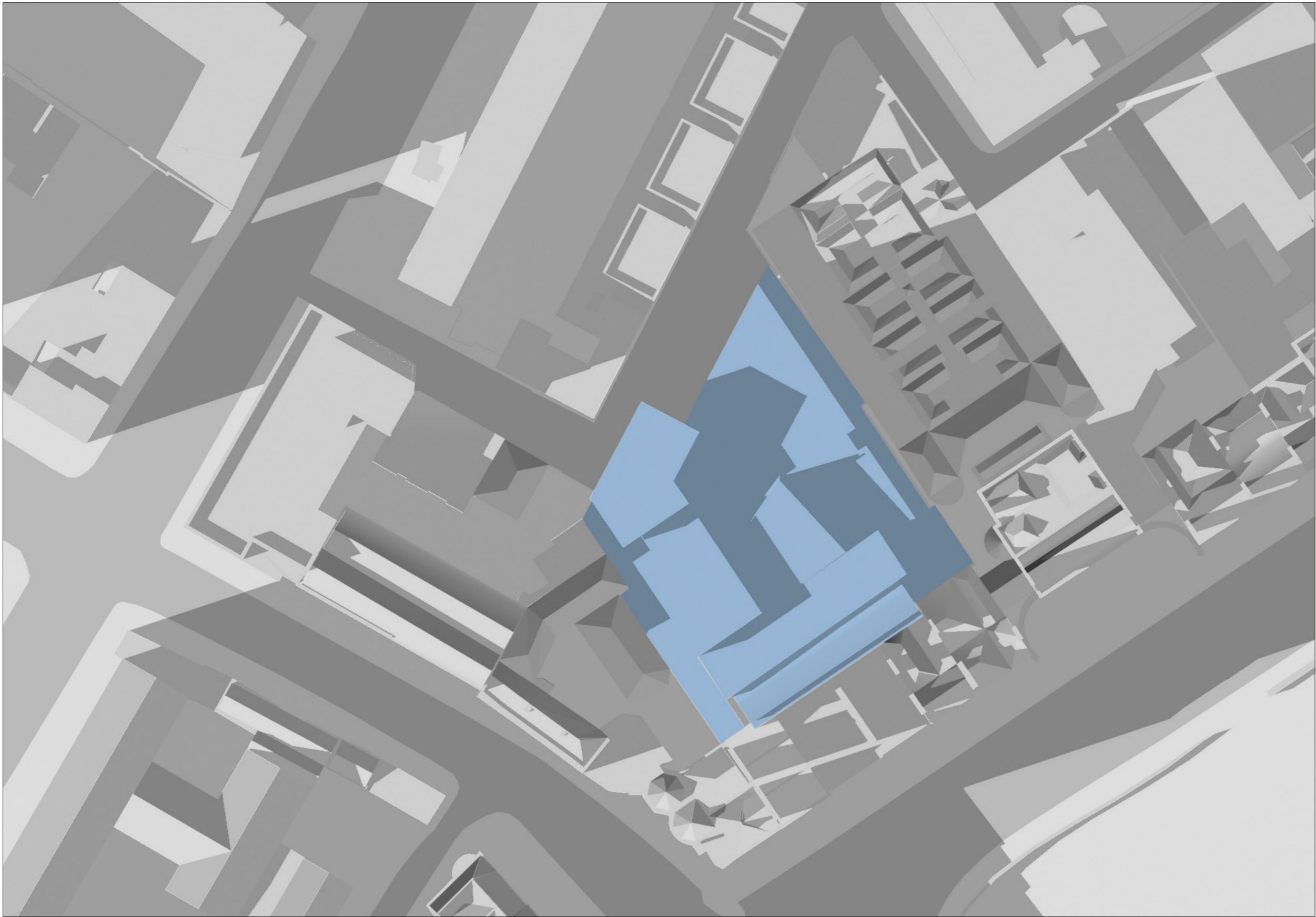
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TIME :  
5.00 PM



PROPOSED  
DEVELOPMENT

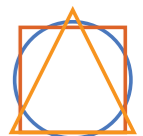
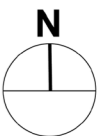
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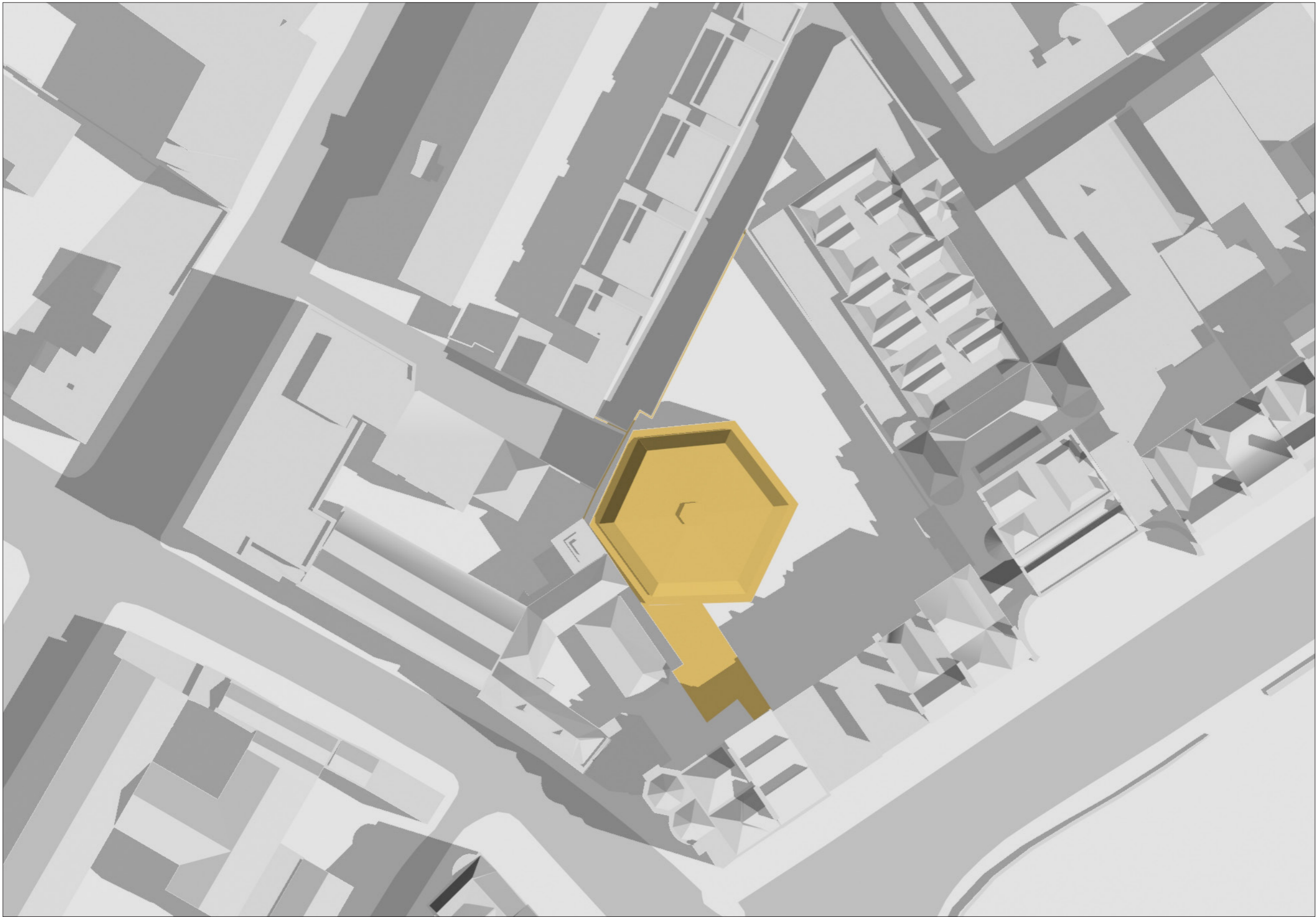


SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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SUNRISE : 6.25 AM  
SUNSET : 6.40 PM

TIME :  
5.00 PM

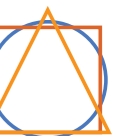
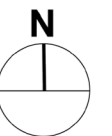




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PARNELL SQUARE, DUBLIN 1  
JULY 2018

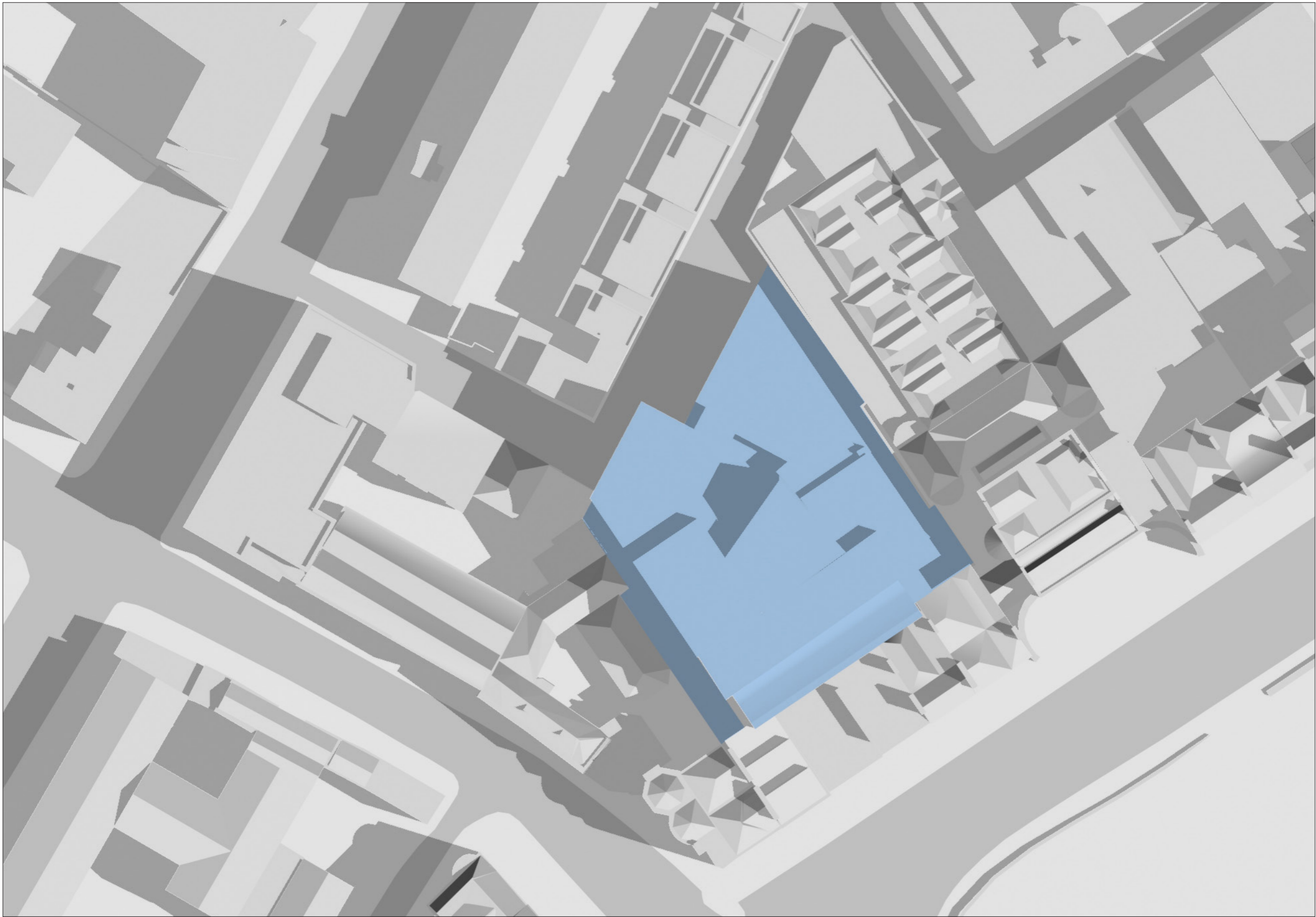
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SUNSET : 9.56 PM

TIME :  
9.00 AM



PROPOSED  
DEVELOPMENT

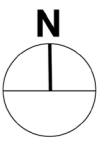
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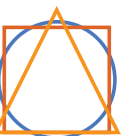
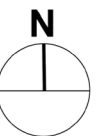


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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : JUNE 21ST - SUMMER SOLSTICE  
SUNRISE : 4.56 AM  
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TIME :  
9.00 AM





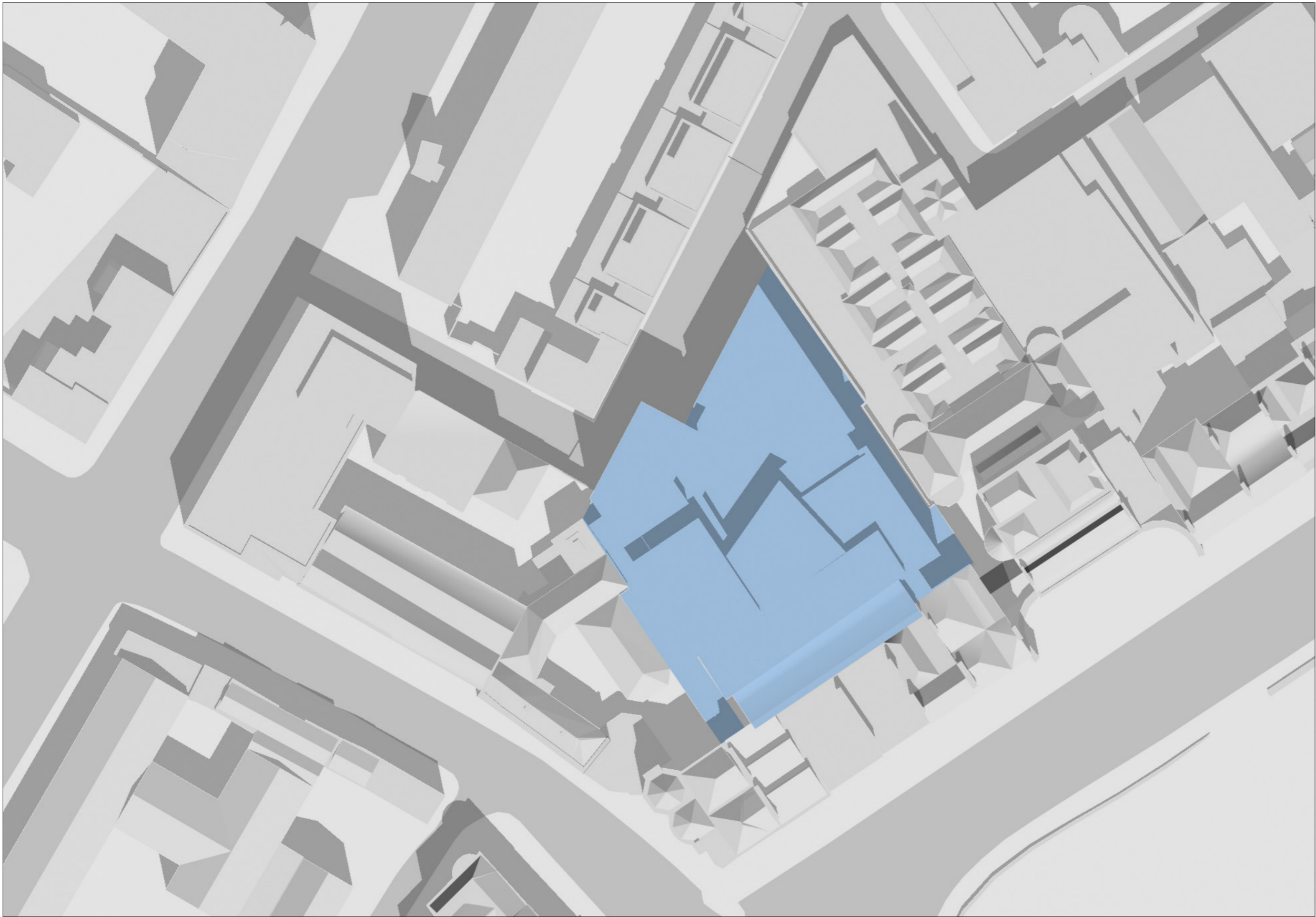
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PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : JUNE 21ST - SUMMER SOLSTICE  
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TIME :  
12.00 PM

PROPOSED  
DEVELOPMENT

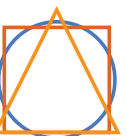
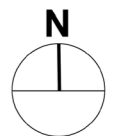
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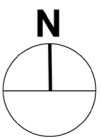
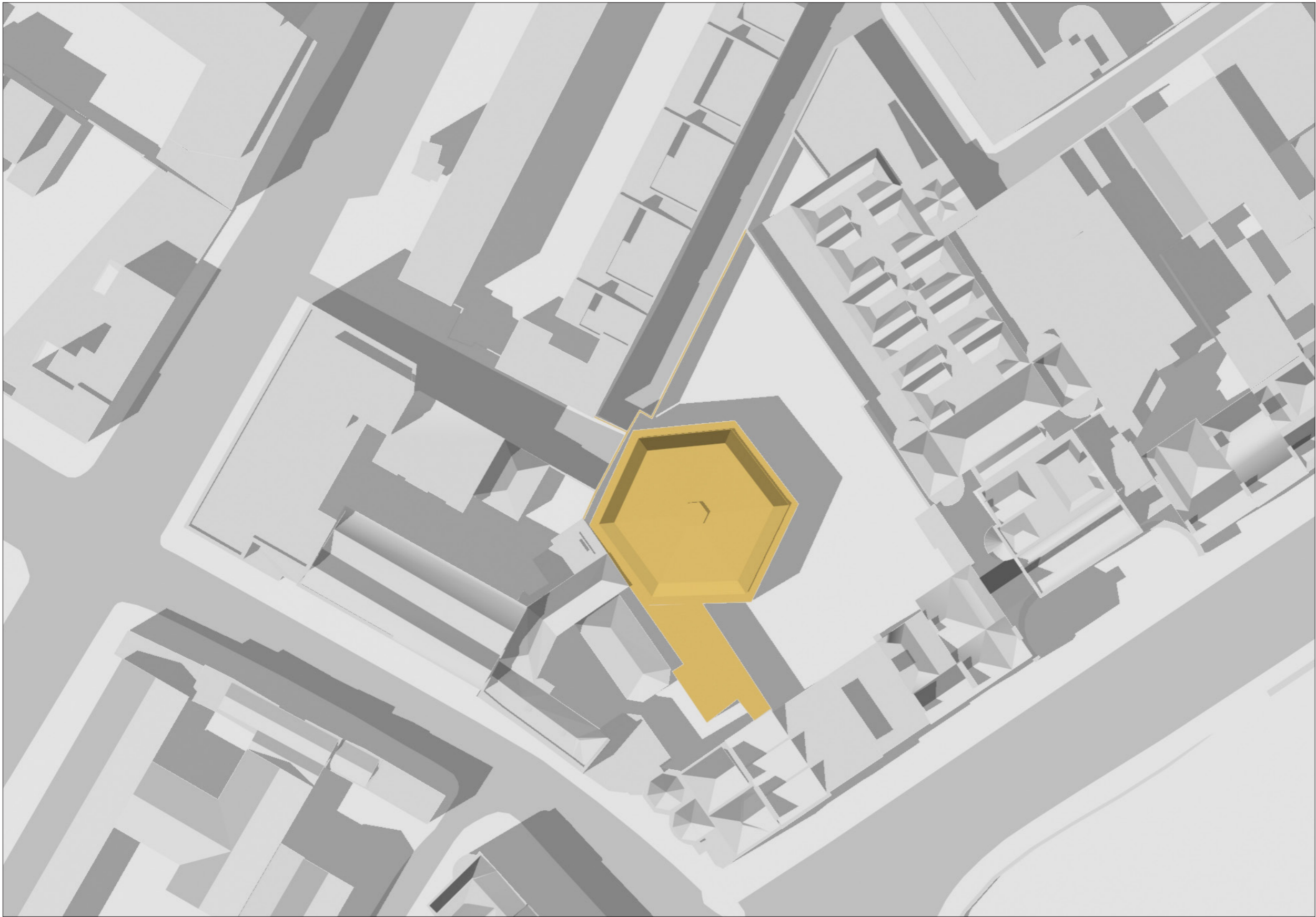


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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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TIME :  
12.00 PM





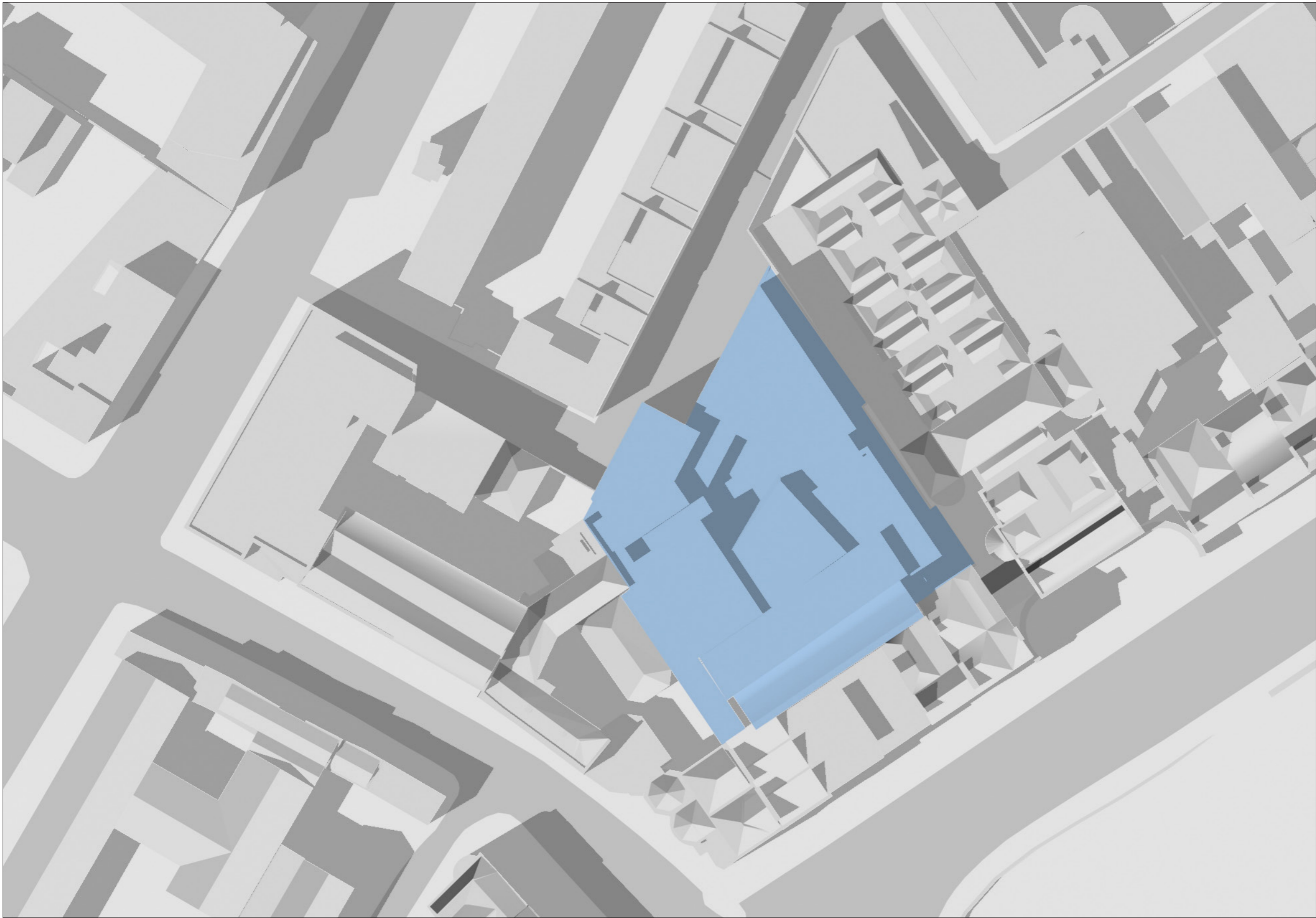
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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : JUNE 21ST - SUMMER SOLSTICE  
SUNRISE : 4.56 AM  
SUNSET : 9.56 PM

TIME :  
3.00 PM

PROPOSED  
DEVELOPMENT

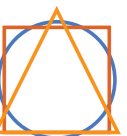
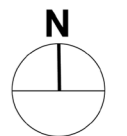
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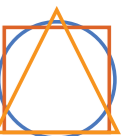
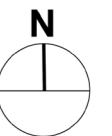
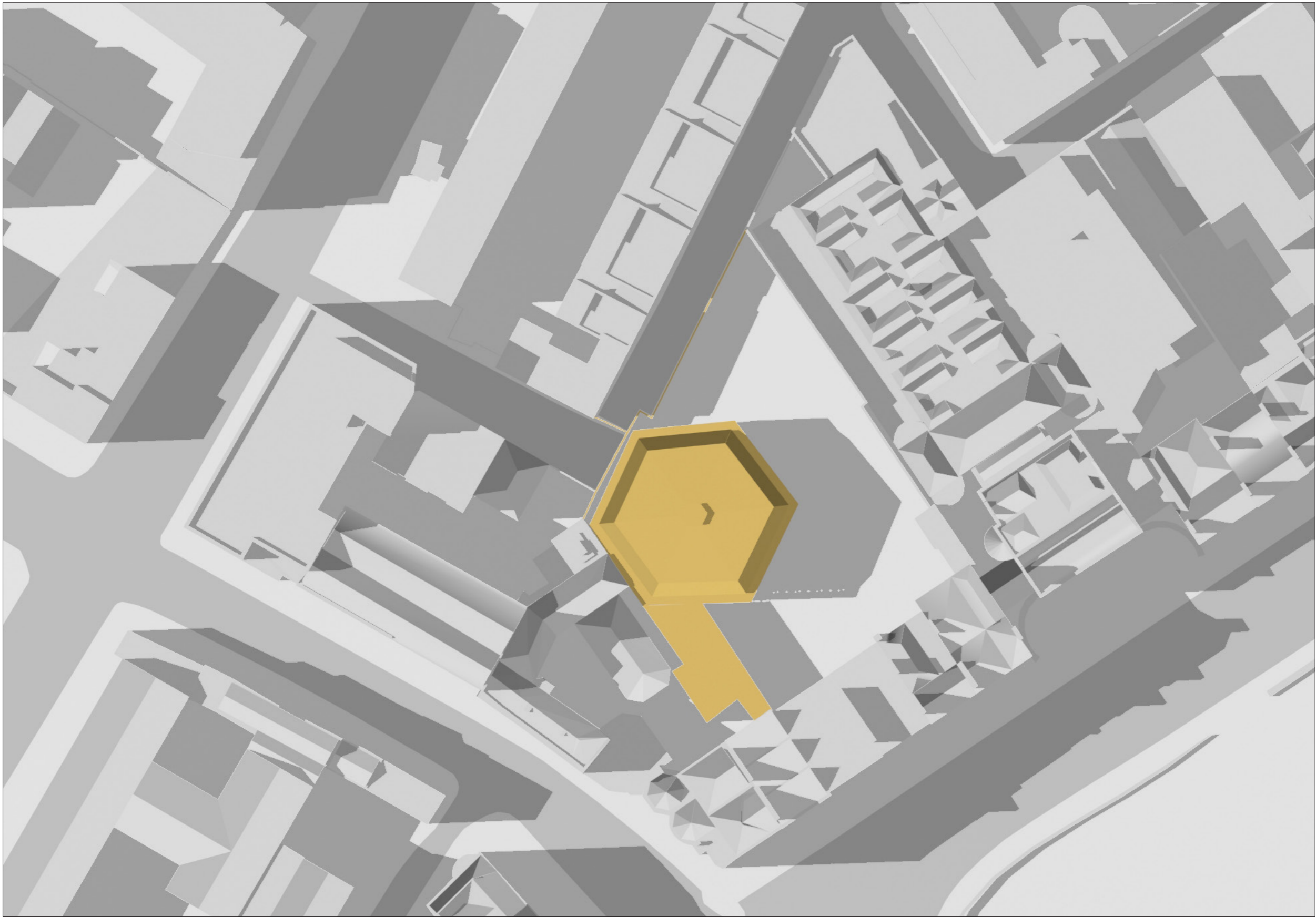


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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : JUNE 21ST - SUMMER SOLSTICE  
SUNRISE : 4.56 AM  
SUNSET : 9.56 PM

TIME :  
3.00 PM





SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

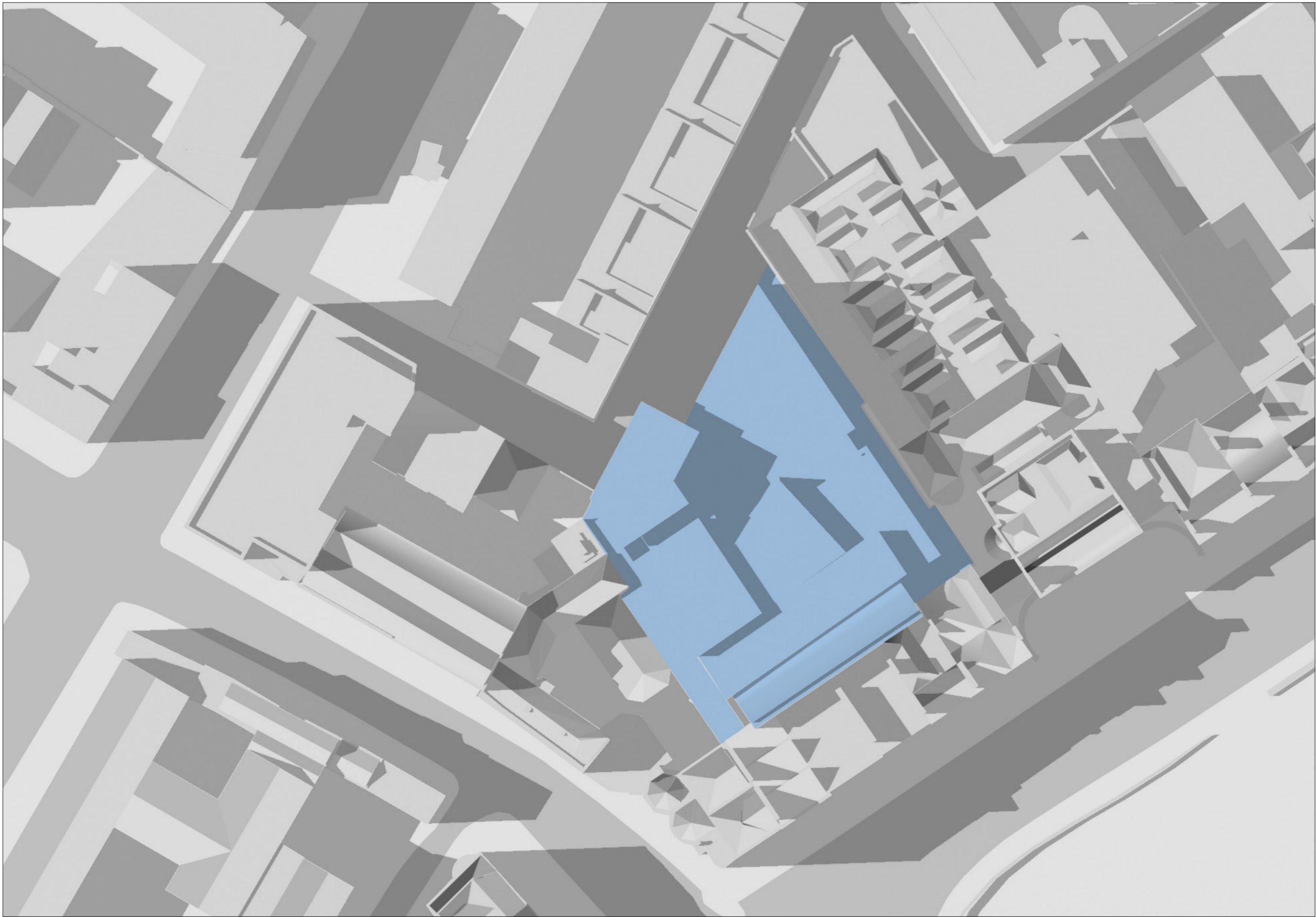
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TIME :  
5.00 PM



PROPOSED  
DEVELOPMENT

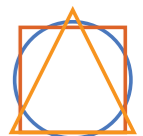
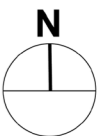
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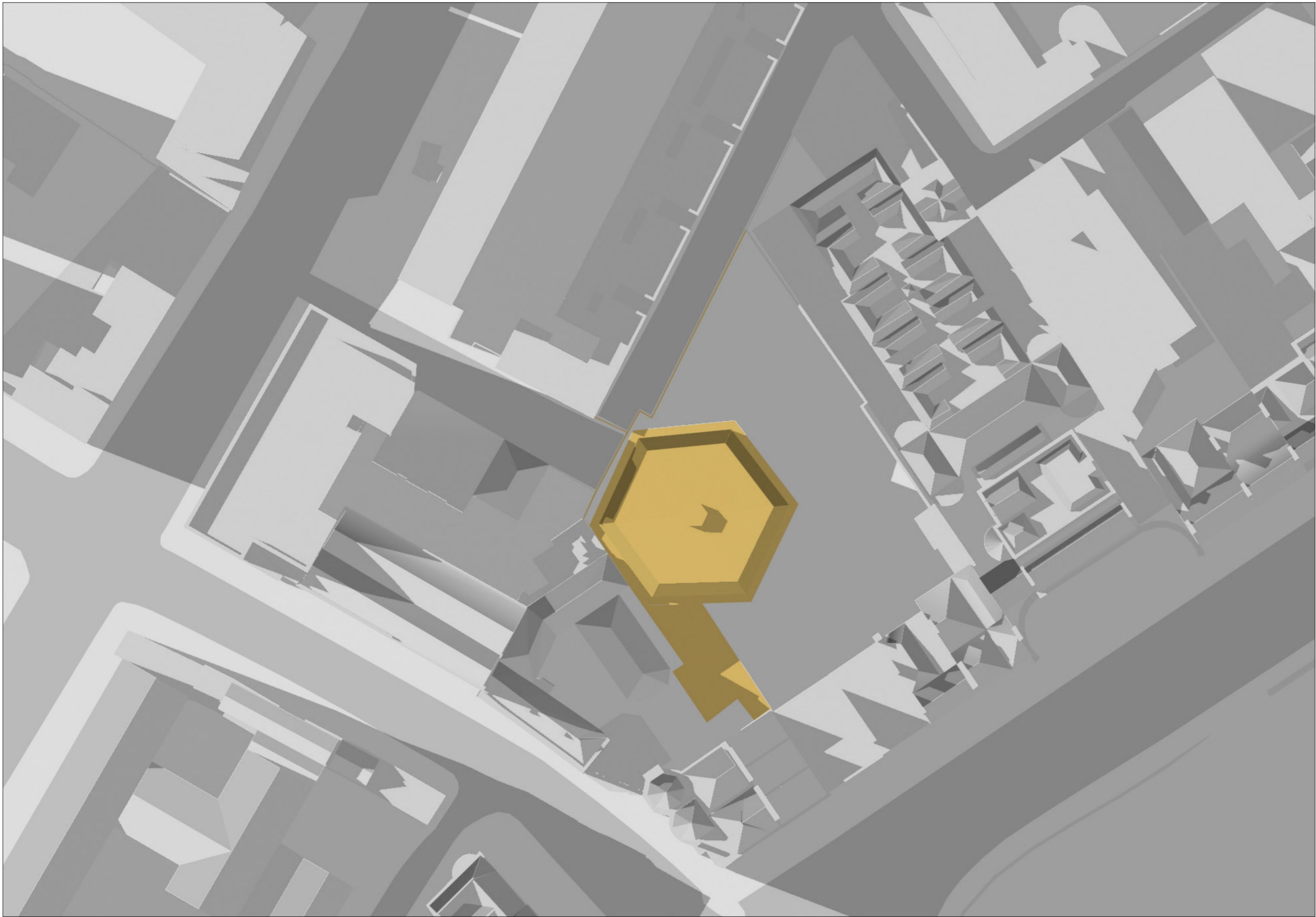


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PARNELL SQUARE, DUBLIN 1  
JULY 2018

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TIME :  
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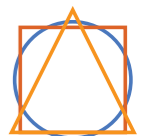
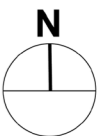




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PARNELL SQUARE, DUBLIN 1  
JULY 2018

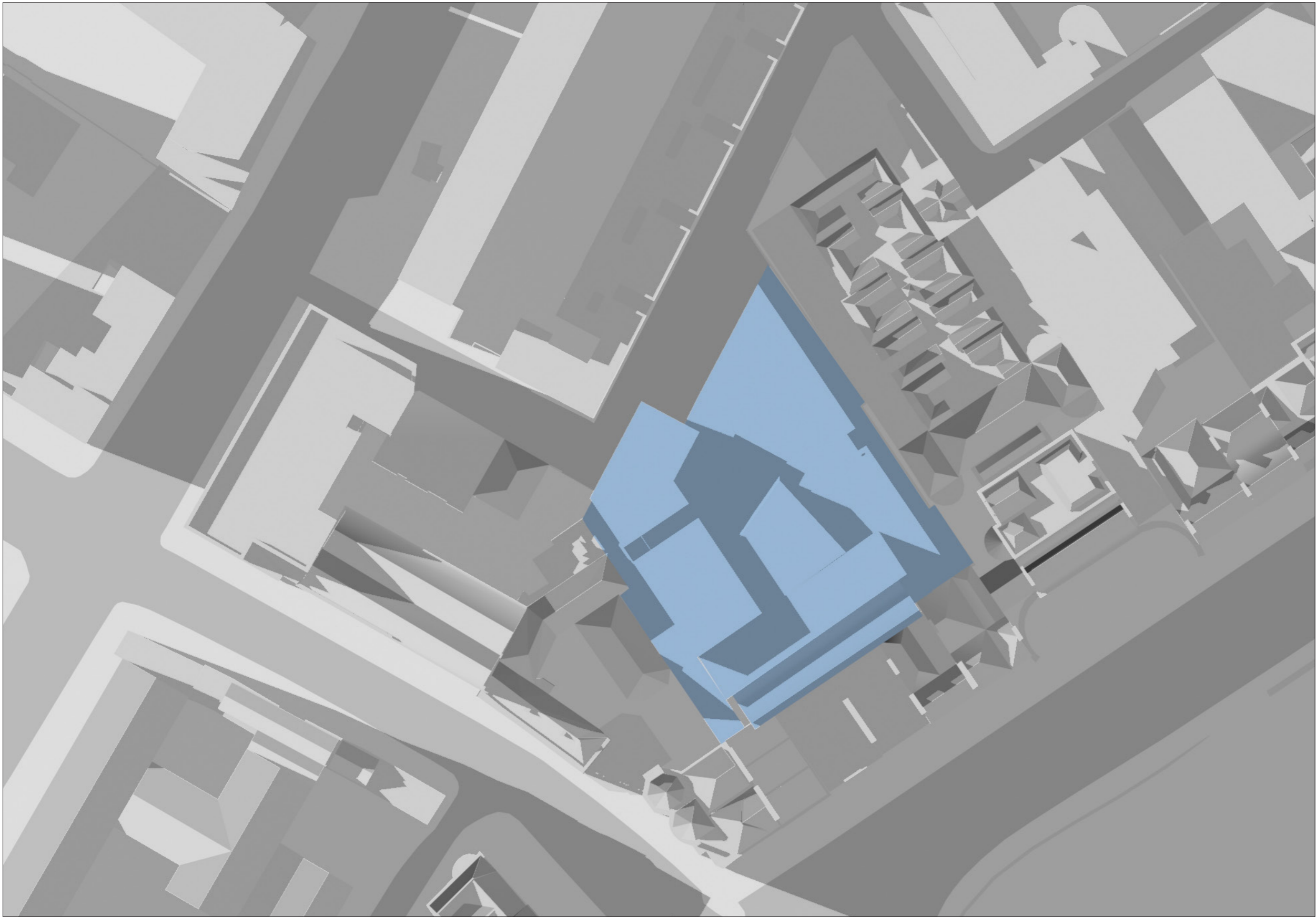
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TIME :  
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PROPOSED  
DEVELOPMENT

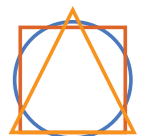
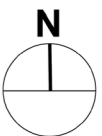
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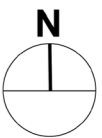
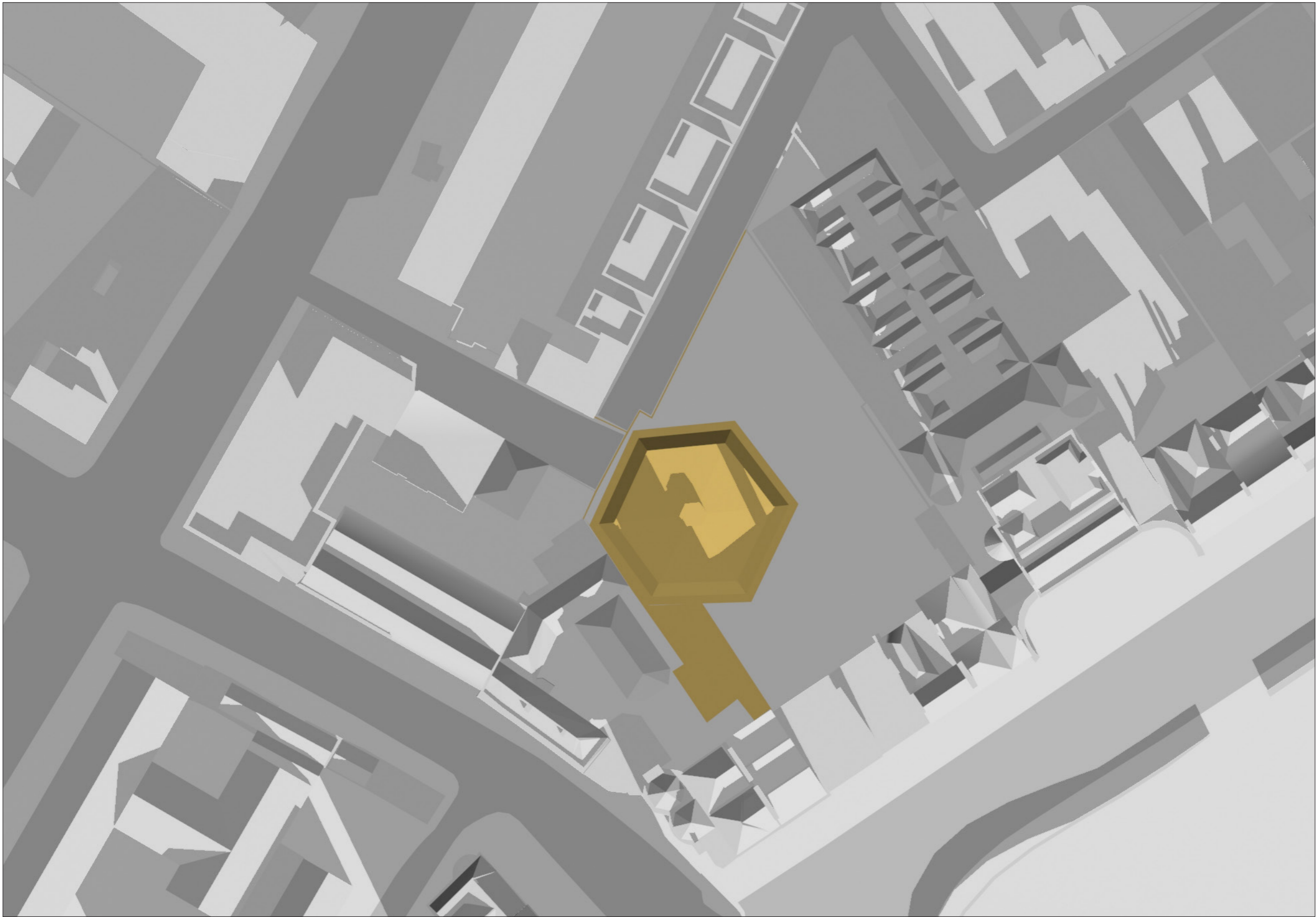


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PARNELL SQUARE, DUBLIN 1  
JULY 2018

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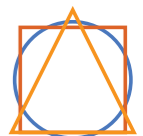




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PARNELL SQUARE, DUBLIN 1  
JULY 2018

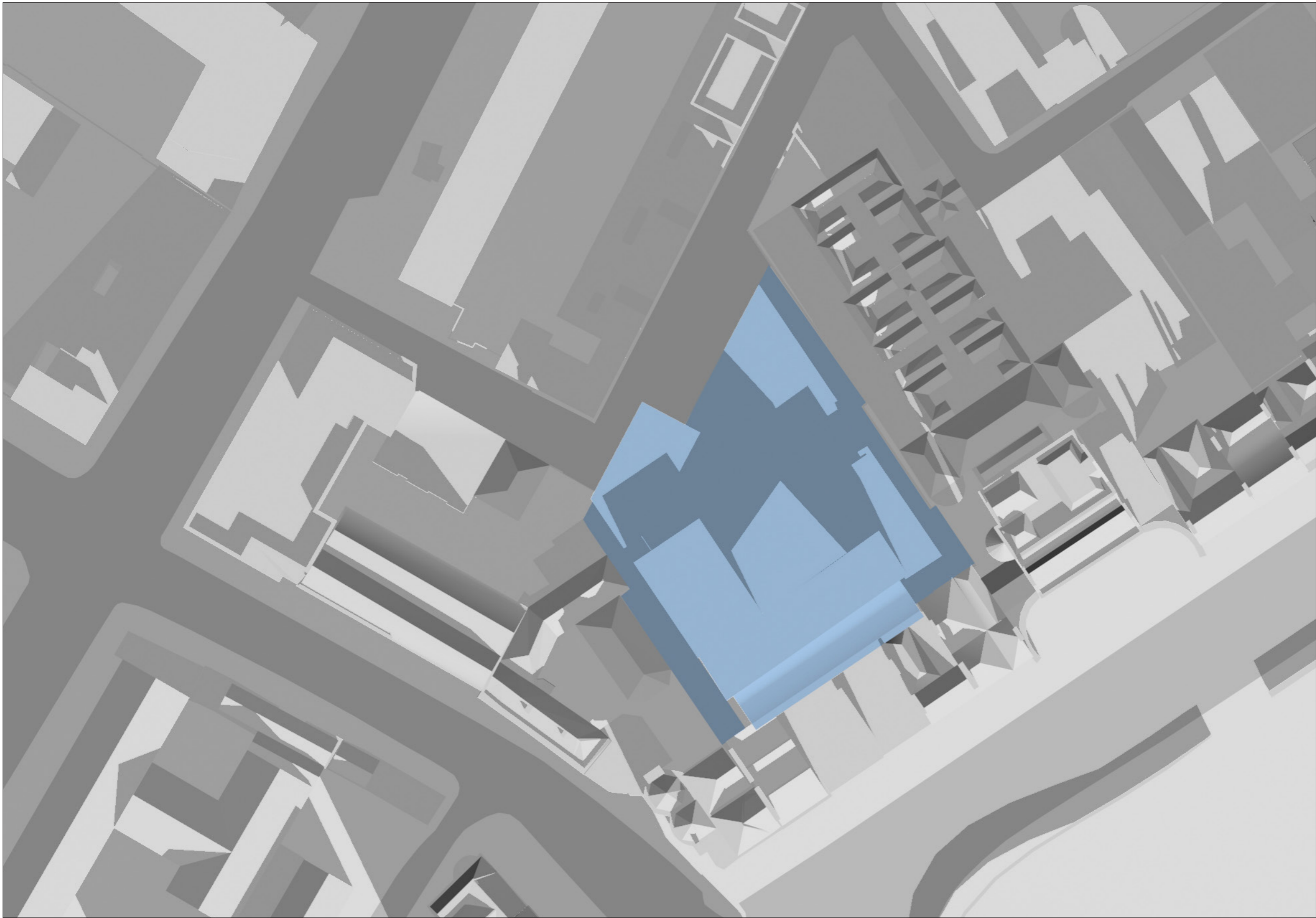
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SUNRISE : 8.38 AM  
SUNSET : 4.08 PM

TIME :  
10.30 AM



PROPOSED  
DEVELOPMENT

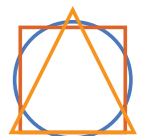
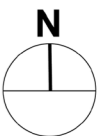
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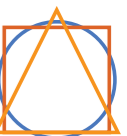
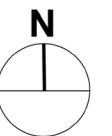
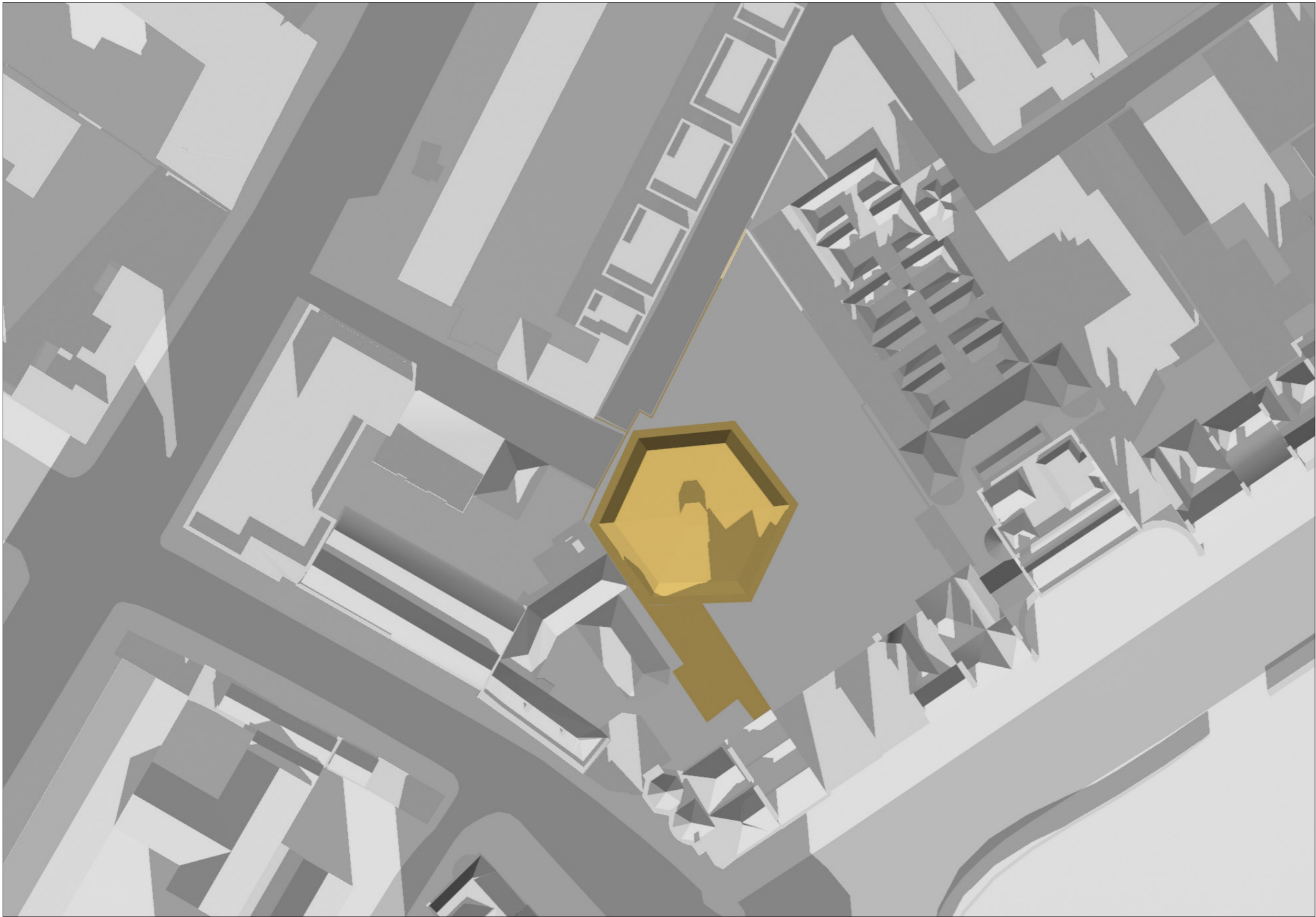


SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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SUNRISE : 8.38 AM  
SUNSET : 4.08 PM

TIME :  
10.30 AM





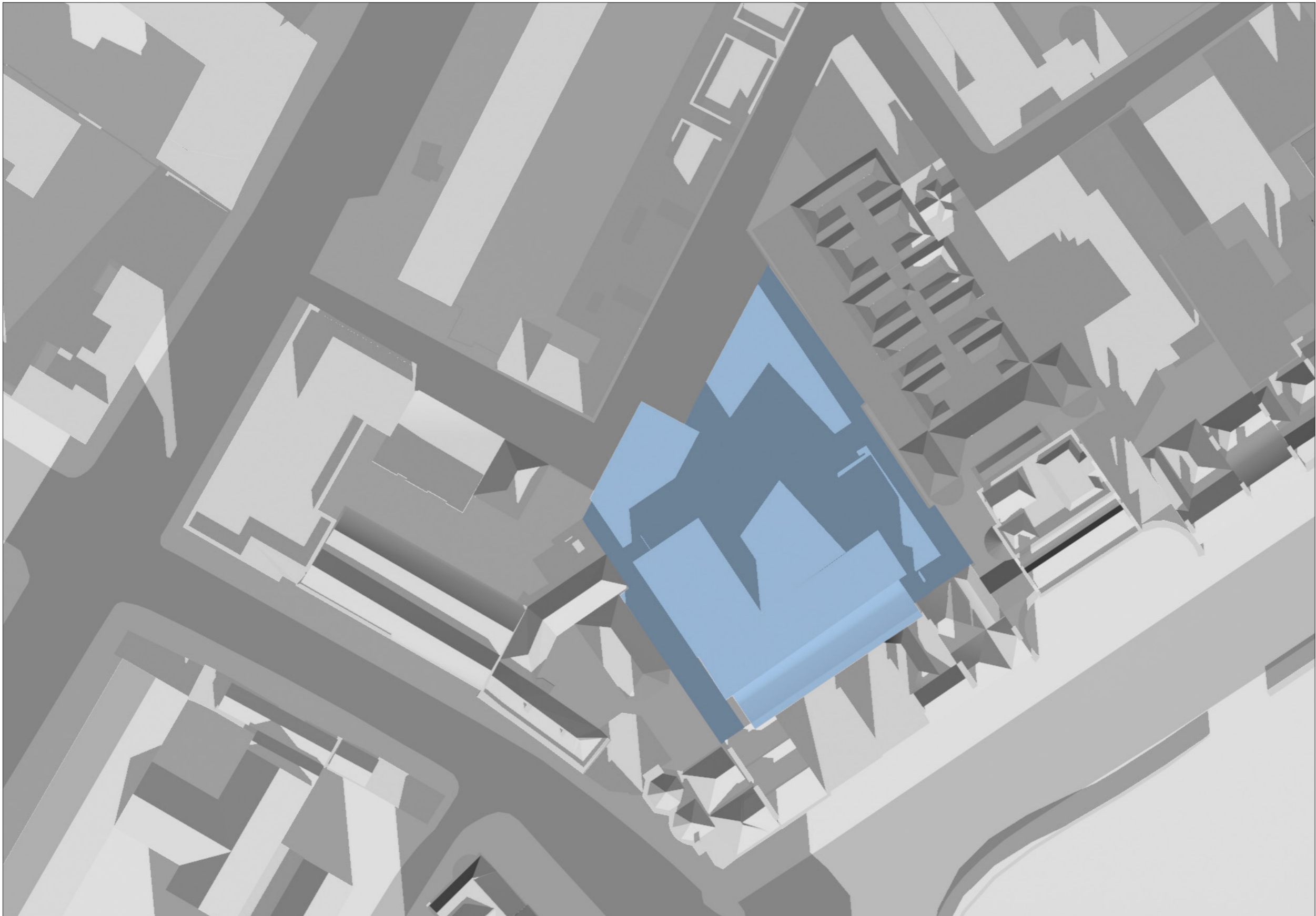
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PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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SUNRISE : 8.38 AM  
SUNSET : 4.08 PM

TIME :  
12.00 PM

PROPOSED  
DEVELOPMENT

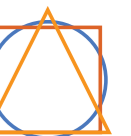
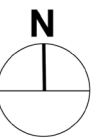
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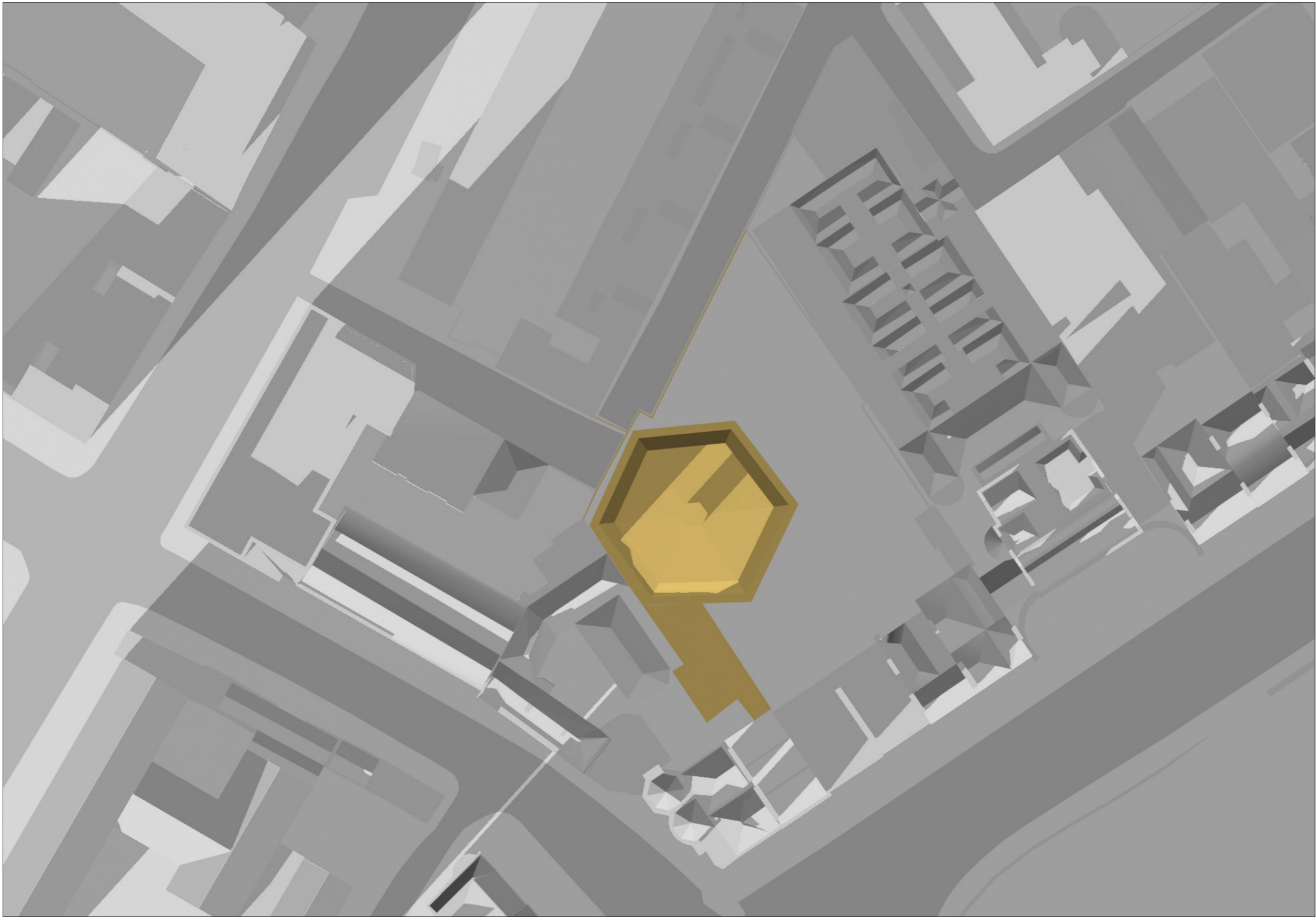


SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

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TIME :  
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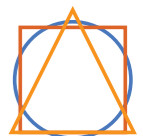
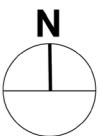




SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
PARNELL SQUARE, DUBLIN 1  
JULY 2018

DATE : DECEMBER 21ST - WINTER SOLSTICE  
SUNRISE : 8.38 AM  
SUNSET : 4.08 PM

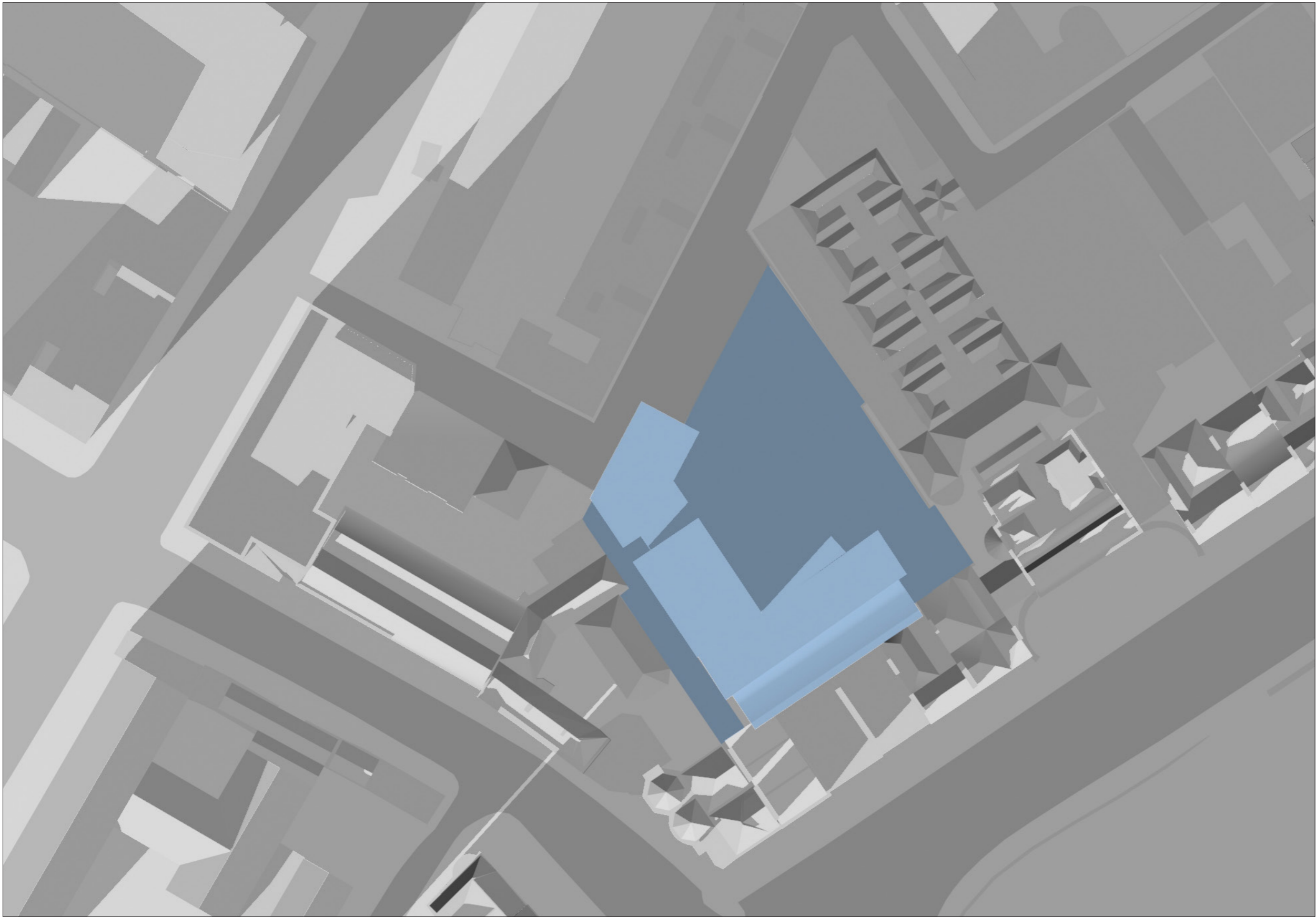
TIME :  
3.30 PM





PROPOSED  
DEVELOPMENT

OSI LICENCE No. AR 0087018



SHADOW STUDY  
PROPOSED PARNELL SQUARE CULTURAL QUARTER DEVELOPMENT,  
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